UPLAND UNDERSTORY MIX (UUS)

SYM.	Botanical Name	Common Name	% of mix	Size	Height	Spread	Spacing	Remarks
UUS	*Bouteloua curtipendula*	Sideoats Grama		4" pot	18"	18"	18"	Full plants well rooted
	Carex blanda	Eastern Woodland Sedge						Full plants well rooted
	Bouteloua dactyloides	Buffalo Grass		4" pot	12"	12"	12"	Full plants well rooted
	Hilaria belangeri	Curly Mesquite		4" pot	12"	12"	12"	Full plants well rooted
	Carex perdentata	Meadow Sedge						Full plants well rooted
	Trudens flavus	Purpletop						Full plants well rooted
	Elymus canadensis	Texas Wintergrass						Full plants well rooted
	Aquilegia candensis	Red Columbine						Full plants well rooted
	Rivina humilis	Pigeonberry						Full plants well rooted

BOTTOMLAND UNDERSTORY STABILIZATION (BUS)

***INCLUDES WOOD FIBER EROSION MAT; REF. SPECS**

SYM.	Botanical Name	Common Name	% of mix	Size	Height	Spread	Spacing	Remarks
BUS	*Bouteloua curtipendula*	Sideoats Grama						Full plants well rooted
	Bothriochloa laguroides	Silver Bluestem						Full plants well rooted
	Chasmanthium latifolium	Inland Sea Oats						
	Ruellia humilis	Prarie Petunia						Full plants well rooted
	Cephalanthus occidentalis	Buttonbush						
	Carex perdentata	Meadow Sedge						Full plants well rooted
	Leptochloa dubia	Green Sprangletop						
	Panicum virgatum 'Shenandoah'	Switchgrass 'Shenandoah'						
	Elymus virginicus	Virginia Wild Rye						Full plants well rooted
	Sorghastrum nutans	Indiangrass						
	Schizachyrium scoparium 'The Blues'	Little Bluestem 'The Blues'						

RIPARIAN STABILIZATION MIX (RSM)

***INCLUDES WOOD FIBER EROSION MAT; REF. SPECS**

SYM.	Botanical Name	Common Name	% of mix	Size	Height	Spread	Spacing	Remarks
RSM	*Aristida purpurea*	Purple Threeawn						
	Bouteloua curtipendula	Sideoats Grama		4" pot	18"	18"	18"	Full plants well rooted
	Setaria scheelei	Southwestern Bristlegrass		1 gal	18"	18"	18"	Full plants well rooted
	Bouteloua dactyloides	Buffalo Grass		4" pot	12"	12"	12"	Full plants well rooted
	Hilaria belangeri	Curly Mesquite		4" pot	12"	12"	12"	Full plants well rooted
	Bouteloua gracilis	Blue Grama		4" pot	15"	18"	18"	Full plants well rooted
	Panicum virgatum 'Shenandoah'	Switchgrass 'Shenandoah'		1 gal	20"	15"	24"	Full plants well rooted
	Leptochloa dubia	Green Sprangletop						
	Sorghastrum nutans	Indiangrass						
	Elymus virginicus	Virginia Wild Rye		1 gal.	18"	18"	18"	Full plants well rooted
	Muhlenbergia reverchonii	Seep Muhly						
	Schizachyrium scoparium 'The Blues'	Little Bluestem 'The Blues'		4" pot	20"	15"	24"	Full plants well rooted

FAULCATIVE WETLAND MIX (FWM)

SYM.	Botanical Name	Common Name	Size	Cal.	Height	Spread	Remarks
FWM	*Bouteloua curtipendula*	Sideoats Grama					
	Carex perendanta	Meadow Sedge					
	Muhlenbergia reverchonii	Seep Muhly					
	Juncis effuses	Soft Rush					
	Iris brevicaulis	Zigzag Iris					
	Iris fulva	Copper Iris					

AQUATIC WETLAND MIX (AQM)

SYM.	Botanical Name	Common Name	Size	Cal.	Height	Spread	Remarks
AQM	*Juncis effuses*	Soft Rush					
	Scirpus californicus	Giant Bull Rush					
	Sagittaria latifolia	Broadleaf arrowhead					
	Pontederia cordata	Pickerelweed					
	Nymphaea odorata	White Water Lily					
	Nymphaea 'Texas Dawn'	Texas Dawn Water Lily					

OVERSEED MIX

SYM.	Botanical Name	Common Name	Weight	Size	Height	Spread	Spacing	Remarks
	Native Grass / Wildflowers - Seed		**Weight (lbs)**	**Area (sf)**	**Seeding Rate (lb/ac)**			***100% of area***
	Overall Overseed Mix		-	11,730	130.00		-	
	Bouteloua dactyloides	Buffalo Grass	0.90					
	Bouteloua curtipendula	Sideoats Grama	15.78	-	-	-	-	-
	Bouteloua gracilis	Blue Grama	12.70	-	-	-	-	-
	Coreopsis basalis	Golden-Wave	6.35	-	-	-	-	-
	Echinacea purpurea	Purple Coneflower	13.49	-	-	-	-	-
	Elymus virginicus	Virginia Wild Rye	0.20					
	Elymus canadensis	Prairie Wildrye	7.94	-	-	-	-	-
	Eragrostis secundiflora	Red Lovegrass	3.17	-	-	-	-	-
	Gaillardia pulchella	Firewheel, Indian Blanket	9.52	-	-	-	-	-
	Hilaria belangeri	Curly Mesquite	0.01					
	Leptochloa dubia	Green Sprangletop	0.01		-	-	-	-
	Lupinus texensis	Texas Bluebonnet	7.94					
	Monarda citriodora	Lemon Beebalm	7.94	-	-	-	-	-
	Nassella leucotricha	Texas Wintergrass	1.59	-	-	-	-	-
	Rudebeckia hirta	Black Eyed Susan	0.01	-	-	-	-	-
	Tridens albescens	White Tridens	1.59	-	-	-	-	-
	Tridens flavus	Purpletop Tridens	4.76	-	-	-	-	-
	Tridens muticus	Slim Tridens	0.79	-	-	-	-	-
	Seasonal - Seed							***100% of area***
	Secale cereale	Cereal Rye	-	11,730	25.00		-	Add when planting Sept.-Feb.

BRACKENRIDGE PLANTING SCHEDULE - PHASE 2

SHADE TREES

SYM.	Botanical Name	Common Name		Size	Cal.	Height	Spread	Remarks
EA	*Ehretia anacua*	Anacua		100 gal.		8'-10'		Central Leader, Symmetrical & Full
GT	*Gleditsia triacanthos var. Skyline*	Thornless Honeylocust		200 gal.				Strong branching, Symmetrical & Full
TD	*Taxodium distichum*	Bald Cypress		200 gal.				Central Leader, Symmetrical & Full
FA	*Fraxinus albicans*	Texas Ash		100 gal.				Strong branching, Symmetrical & Full
PO	*Platanus occidentalis*	American Sycamore		200 gal.				Central Leader, Symmetrical & Full
QF	*Quercus virginiana var. fusiformis*	Escarpment Live Oak	-	200 gal.	6"	18'-20'	20'	Specimen, strong branching, Symmetrical & Full
UC	*Ulmus crassifolia*	Cedar Elm	-	200 gal.	6"	18'-20'	20'	Strong branching, Symmetrical & Full
QV	*Quercus shumardii*	Shumard Oak		100 gal.				Strong branching, Symmetrical & Full

ORNAMENTAL & SMALL TREES

SYM.	Botanical Name	Common Name		Size	Cal.	Height	Spread	Remarks
CH	*Condalia hookeri*	Condalia						Full plants well rooted
ID	*Ilex decidua 'Walter'*	Possumhaw	-	45 gal.	2-1/2"- 3"	10'-12'	5'	Full plants well rooted
IV	*Ilex vomitoria 'High Tower'*	Yaupon Holly (Upright)	-	45 gal.	2-1/2"- 3"	10'-12'	5'-6'	Full plants well rooted
ET	*Esenhardtia texana*	Texas Kidneywood						Full plants well rooted
SP	*Sophora secundiflora*	Texas Mountain Laurel	-	45 gal.	-	10'-12'	5'	Full plants well rooted
PM	*Prunus mexicana*	Mexican Plum						Full plants well rooted
VA	*Vachellia farnesiana*	Texas Huisache						Full plants well rooted
VR	*Viburnum rufidulum*	Rusty Blackhaw Viburnum	-	45 gal.	2-1/2"- 3"	10'-12'	5'-6'	Full plants well rooted

UPLAND ORNAMENTAL SHRUBS, PERENNIALS, & GROUNDCOVER (ORN & UUS ZONE)

SYM.	Botanical Name	Common Name		Size	Cal.	Height	Spread	Remarks
AC	*Aquilegia candensis*	Red Columbine						Full plants well rooted
CA	*Callicarpa americana*	American Beautybery						Full plants well rooted
CI	*Callirchoe involucrata*	Winecup						Full plants well rooted
CT	*Carex texensis*	Texas Sedge						Full plants well rooted
EP	*Englemanns persistenia*	Englemann Daisy						Full plants well rooted
GL	*Guara lindheimeri 'Whirrling Butterflies'*	Guara						Full plants well rooted
HP	*Hesperaloe parviflora*	Red Yucca						Full plants well rooted
LF	*Leucophyllum frutescens 'Desperado'*	Texas Sage		5 gal.	36"	36"	36"	Full plants well rooted
LU	*Lantana urticoides*	Texas Lantana						Full plants well rooted
MA	*Malvaiscus arboreus*	Turk's Cap	-	5 gal.	24"	24"	24"	Full plants well rooted
MF	*Monarda fistulosa 'Wild Bergamot'*	Wild Bergamot Beebalm						Full plants well rooted
ML	*Muhlenbergia lindheimeri*	Lindheimer's Muhly	-	1 gal.	18"	15"	30"	Full plants well rooted
MR	*Muhlenbergia reverchonii*	Seep Muhly						Full plants well rooted
PN	*Phyla nodiflora*	Frogfruit						Full plants well rooted
RA	*Rhus aromatica 'Gro-low'*	Gro-Low Fragrant Sumac	-					Full plants well rooted
RH	*Rudabeckia hirta var. pulcherrima*	Black-eyed Susan	-					Full plants well rooted
SC	*Salvia coccinea*	Tropical Sage						Full plants well rooted
SF	*Salvia farinacea 'Henry Duelberg'*	Henry Duelberg Mealy Blue Sage	-					Full plants well rooted
SG	*Salvia greggii*	Autumn Sage						Full plants well rooted
SW	*Scutellaria wrightii*	Wright's Purple Skullcap	-					Full plants well rooted
YP	*Yucca pallida*	Paleleaf Yucca	-					Full plants well rooted

UNDERSTORY ORNAMENTAL SHRUBS, PERENNIALS, & GROUNDCOVER (UUS & BUS ZONE)

SYM.	Botanical Name	Common Name		Size	Cal.	Height	Spread	Remarks
CA	*Callicarpa americana*	American BeautybeRry						Full plants well rooted
CB	*Carex blanda*	Woodland Sedge						Full plants well rooted
CL	*Chasmanthium latifolium*	Inland Sea Oats	-	4" pot	15"	12"	24"	Full plants well rooted
CO	*Cephalanthus occidentalis*	Buttonbush						Full plants well rooted
CP	*Carex perendanta*	Meadow Sedge						Full plants well rooted
MA	*Malvaiscus arboreus*	Turk's Cap	-	5 gal.	24"	24"	24"	Full plants well rooted
MR	*Muhlenbergia reverchonii*	Seep Muhly						Full plants well rooted
RI	*Rivina humilis*	Pigeonberry						Full plants well rooted
SM	*Sabal minor*	Texas Dwarf Palmetto	-	5 gal.	36"	36"	36"	Full plants well rooted
SO	*Symphoricarpos orbiculatus*	Coralberry	-	5 gal.	36"	36"	36"	Full plants well rooted
TK	*Thelypteris kunthii*	River Fern	-	5 gal.	36"	36"	36"	Full plants well rooted

RAIN GARDEN (RGM)

SYM.	Botanical Name	Common Name	Size	Cal.	Height	Spread	Remarks
CA	*Chromolaena oderata*	Blue Mistflower					
CP	*Carex perendanta*	Meadow Sedge					
MR	*Muhlenbergia reverchonii*	Seep Muhly					
PN	*Phyla nodiflora*	Frogfruit					
PV	*Physotegia virginiana*	Fall Obedient Plant					

SHORT GRASS PRARIE STABILIZATION MIX, SUN (SGS)

***INCLUDES WOOD FIBER EROSION MAT; REF. SPECS**

SYM.	Botanical Name	Common Name	% of mix	Size	Height	Spread	Spacing	Remarks
SGS	Ageratina havanensis	White Mistflower						
	Aristida purpurea	Purple Threeawn		4" pot	18"	18"	18"	Full plants well rooted
	Bouteloua dactyloides	Buffalo Grass		4" pot	12"	12"	12"	Full plants well rooted
	Bouteloua gracilis 'blonde ambition'	Blue Grama		4" pot	18"	18"	18"	Full plants well rooted
	Bouteloua hirsuta	Hairy Grama						
	Hilaria belangeri	Curly Mesquite						
	Leptochloa dubia	Green Sprangletop						
	Nassella leucotricha	Texas Wintergrass						
	Rudabeckia hirta var. pulcherrima	Black-eyed Susan	-					
	Muhlenbergia reverchonii	Seep Muhly		4" pot	18"	18"	18"	Full plants well rooted

BLACKLAND PRARIE SHADE GARDEN (BPG)

SYM.	Botanical Name	Common Name	% of mix	Size	Height	Spread	Spacing	Remarks
BPG	*Bouteloua curtipendula*	Sideoats Grama		4" pot	18"	18"	18"	Full plants well rooted
	Callirchoe involucrata	Winecup						
	Elymus canadensis	Canada Wild Rye		4" pot	18"	18"	18"	Full plants well rooted
	Nassella leucotricha	Texas Wintergrass		4" pot	18"	18"	24"	Full plants well rooted
	Hilaria belangeri	Curly Mesquite		4" pot	12"	12"	12"	Full plants well rooted
	Carex perdentata	Meadow Sedge						
	Carex texensis	Texas Sedge						Full plants well rooted
	Tridens flavus	Purpletop						Full plants well rooted
	Tridens muticus	Slim Tridens						Full plants well rooted
	Salvia coccinea	Scarlet Sage						

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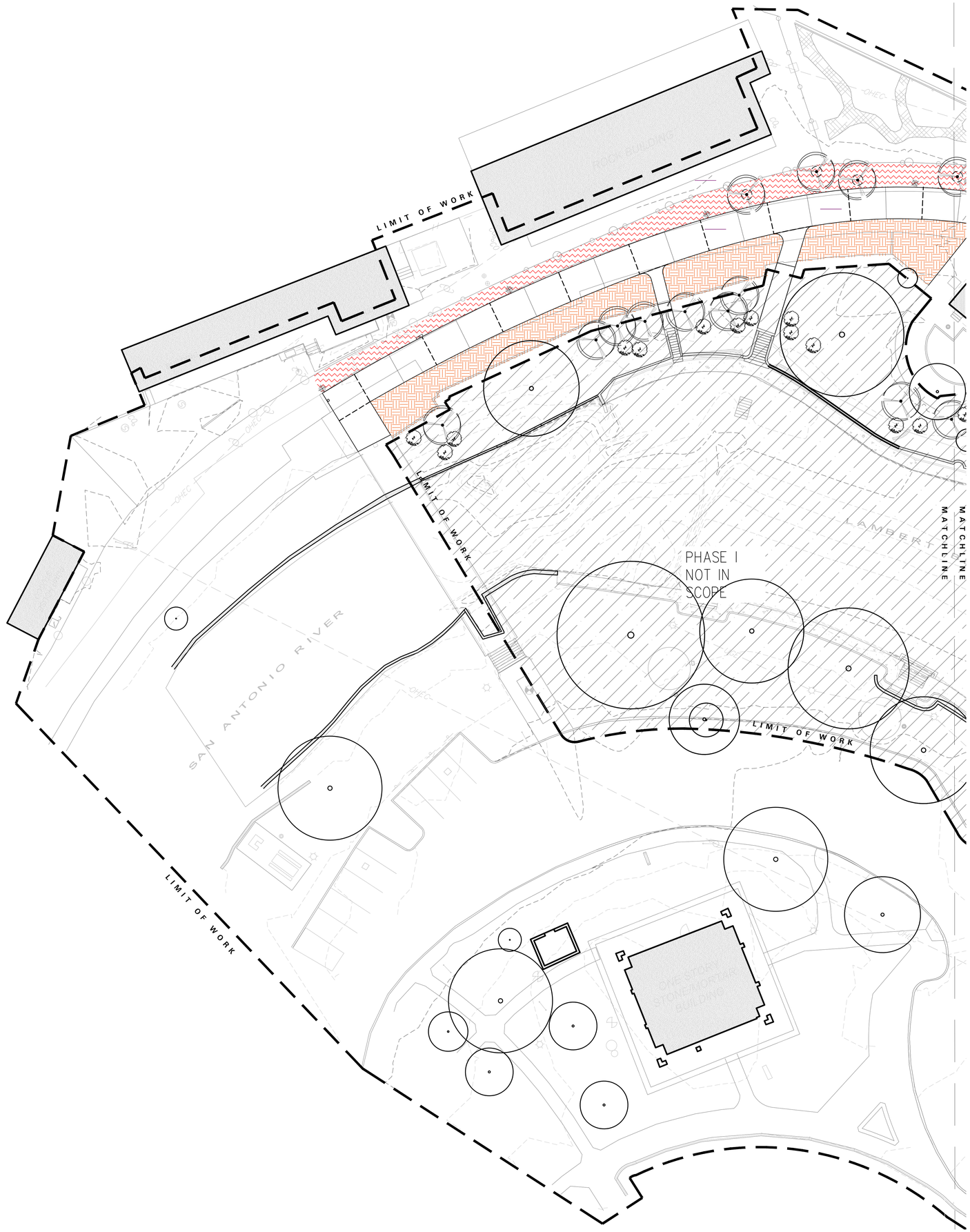
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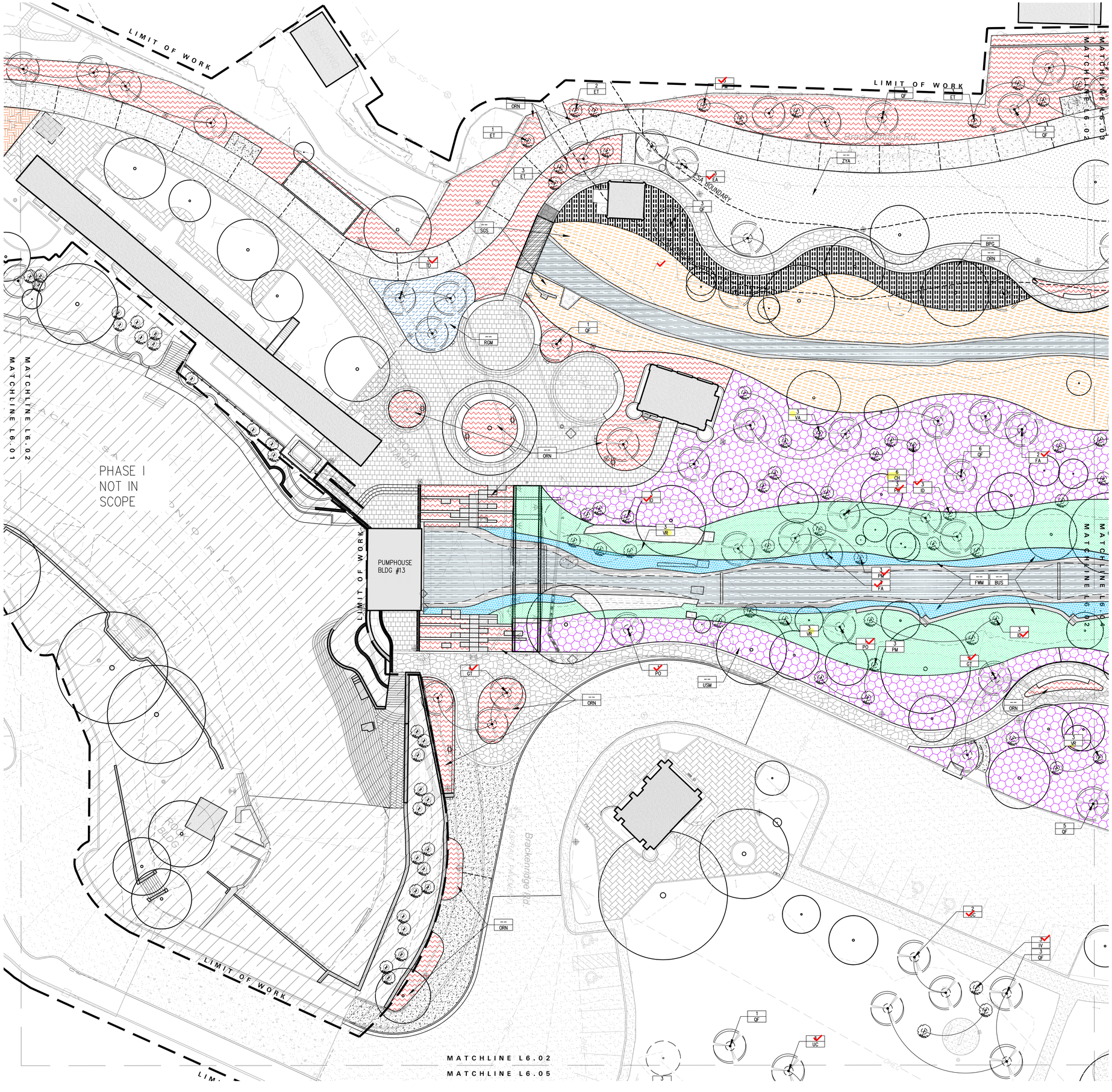
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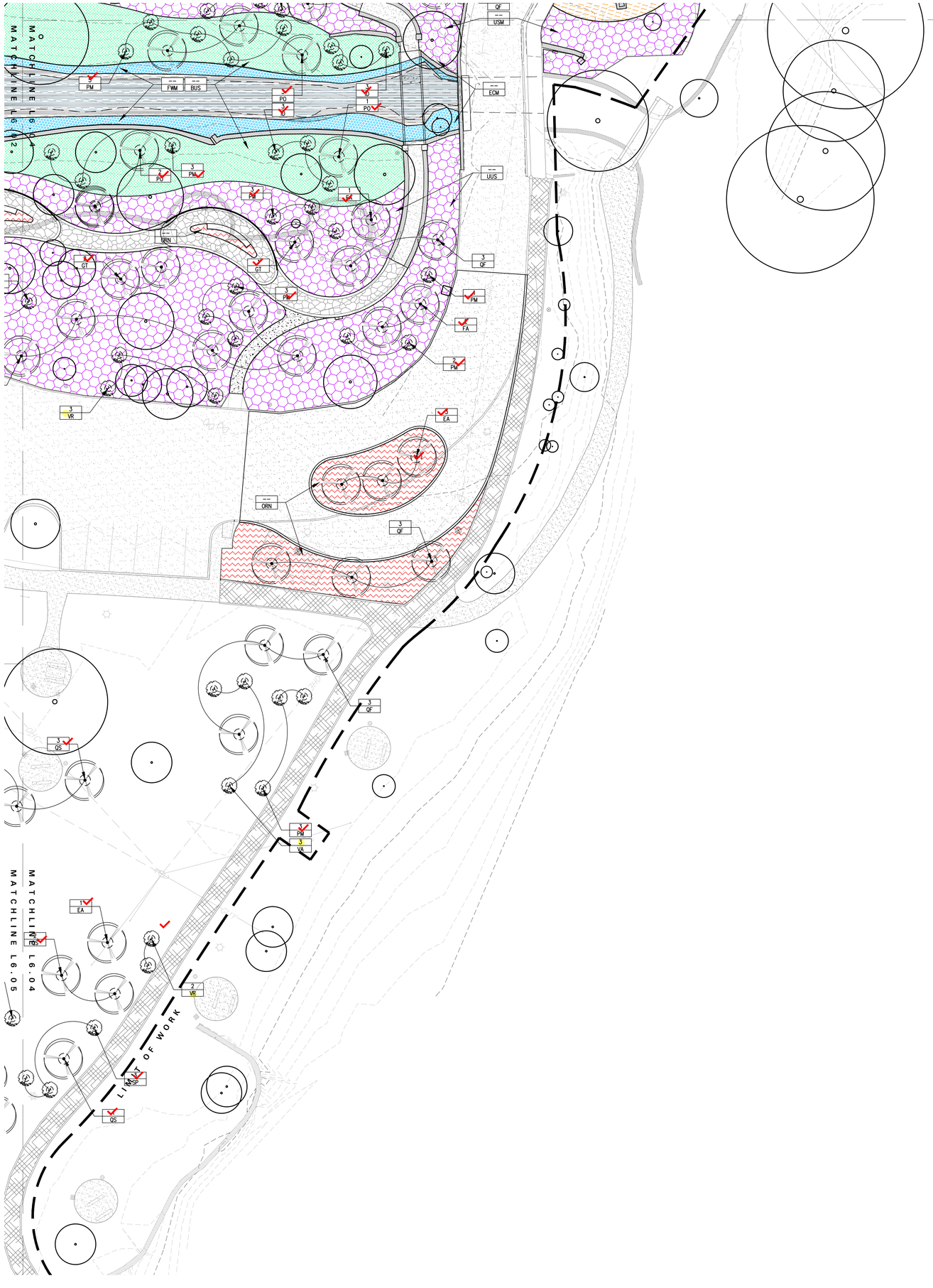
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1045 CENTRAL PARKWAY NORTH, SUITE 200,
SAN ANTONIO, TX 78232

TRUE NORTH CONSULTING GROUP
IT AND COMMUNICATIONS
13284 POND SPRINGS ROAD, STE. 304
AUSTIN TX, 78729

CNG ENGINEERING
MEP
8302 BROADWAY
SAN ANTONIO TX, 78209

WGI ENGINEERING
HYDROLOGY
755 E MULBERRY AVE, SUITE 501
SAN ANTONIO, TX 78212

Stamp

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Revisions

Date
30 MAY 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

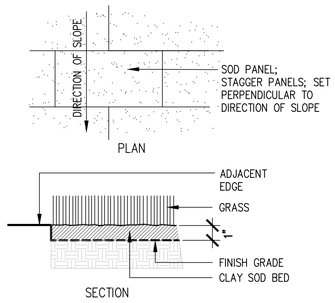
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1/16" = 1'-0"

North

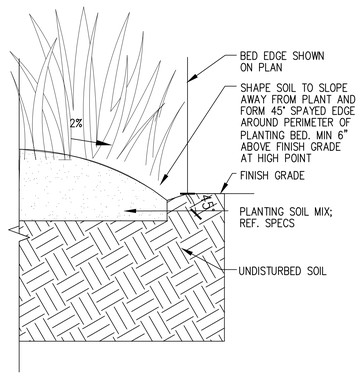
Drawing Title
PLANTING PLAN

Drawing Number
L6.05

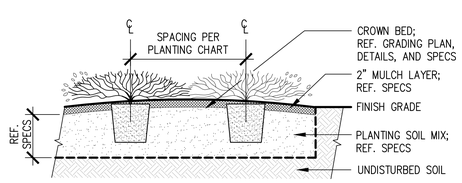
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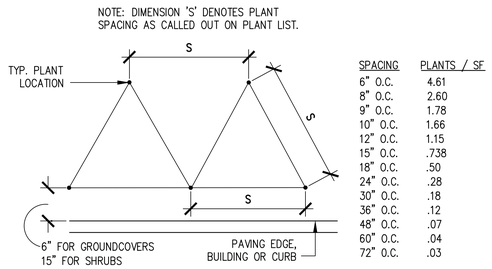
10 DETAIL – TYPICAL SOD PLANTING
1/2" = 1'-0"



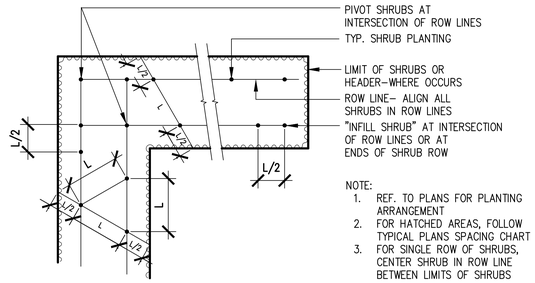
09 SECTION – TYPICAL BED EDGE
1" = 1'-0"



08 SECTION – TYPICAL SHRUB PLANTING
3/4" = 1'-0"

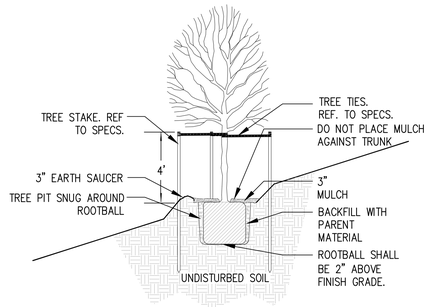


SPACING	PLANTS / SF
6" O.C.	4.61
8" O.C.	2.60
9" O.C.	1.78
10" O.C.	1.66
12" O.C.	1.15
15" O.C.	.738
18" O.C.	.50
24" O.C.	.28
30" O.C.	.18
36" O.C.	.12
48" O.C.	.07
60" O.C.	.04
72" O.C.	.03

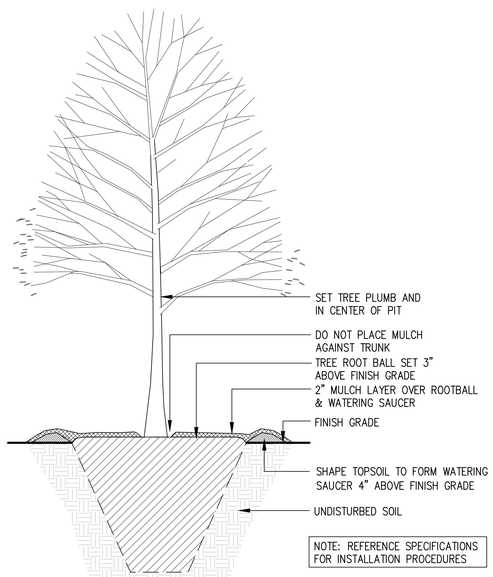


NOTE:
1. REF. TO PLANS FOR PLANTING ARRANGEMENT
2. FOR HATCHED AREAS, FOLLOW TYPICAL PLANS SPACING CHART
3. FOR SINGLE ROW OF SHRUBS, CENTER SHRUB IN ROW LINE BETWEEN LIMITS OF SHRUBS

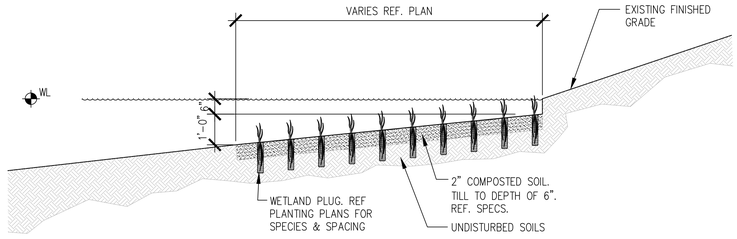
07 DETAIL – PLANT SPACING
3" = 1'-0"



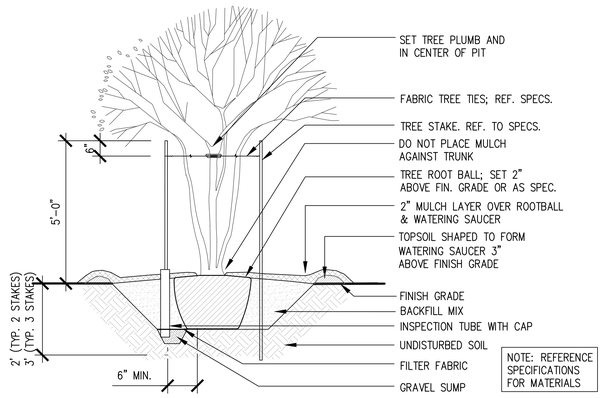
06 DETAIL – TYPICAL TREE PLANTING ON SLOPE
1/2" = 1'-0"



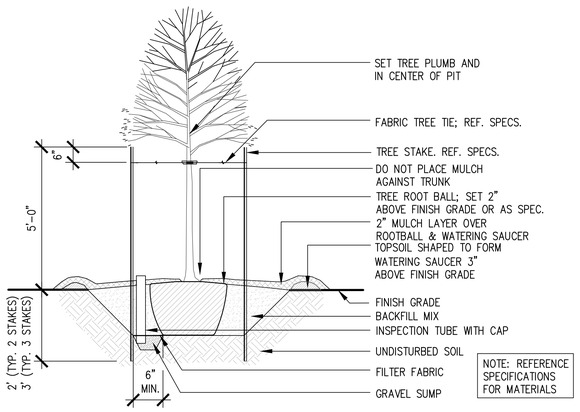
05 SECTION – MACHINE MOVED TREE
3/8" = 1'-0"



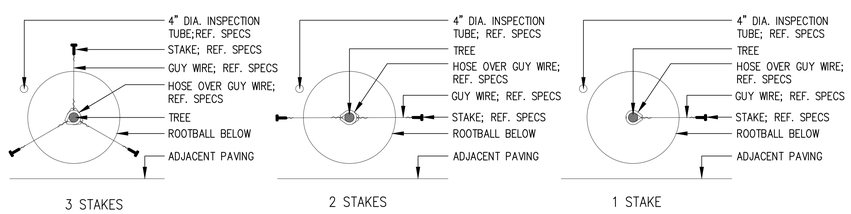
04 SECTION – TYPICAL WETLAND PLANTING
1/2" = 1'-0"



03 SECTION – TYPICAL MULTI–TRUNK PLANTING
1/2" = 1'-0"



02 SECTION – TYPICAL TREE PLANTING
1/2" = 1'-0"



01 PLAN – TYPICAL TREE STAKING
3/4" = 1'-0"

BRACKENRIDGE PARK
SAN ANTONIO, TX

CLIENT:
CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT (TCI)
PO BOX 839966, SAN ANTONIO TX 78283-3966

LANDSCAPE ARCHITECT

swa

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6th Floor
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OVERLAND PARTNERS
ARCHITECT
203 E. JONES AVE., SUITE 104
SAN ANTONIO, TX 78215

SEVENTH GENERATION DESIGN
HISTORIC ARCHITECT
933 NORTH FLORES STREET, SUITE B
SAN ANTONIO, TX 78212

WORKSHOP
CONSTRUCTION OBSERVATION
203 E. JONES AVE., SUITE 104
SAN ANTONIO, TX 78215

LUNDY & FRANKE ENGINEERING
STRUCTURAL ENGINEER
549 HEIMER
SAN ANTONIO, TX 78232

INTELLIGENT ENGINEERING SERVICES
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Job Number
CNGST01

Scale North

AS INDICATED

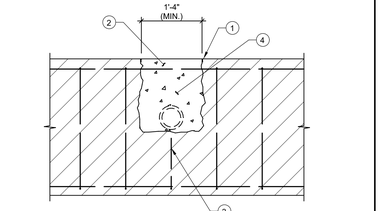
Drawing Title

PLANTING DETAILS

Drawing Number

L7.00

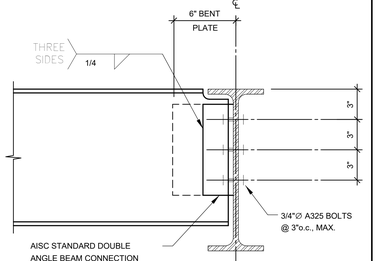
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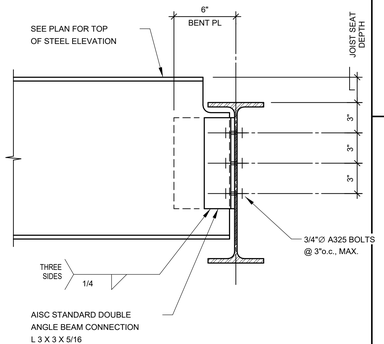
PROCEDURE :

1. - SAW CUT 3/4" DEEP GROOVES ON EA. SIDE OF DRAIN AS SHOWN
2. - "CHIP OUT" EXIST. BEAM LEAVING EXPOSED REINF. INTACT
3. - CUT AWAY BEAM STIRRUPS AS REQUIRED. TO ROUTE PLUMBING LINES BENEATH TOP STEEL
4. - COAT EXISTING BEAM SURFACES WITH EPOXY BONDING AGENT AND POUR CONCRETE

6 DETAIL
N.T.S.



7 DETAIL
1" = 1'-0"



8 DETAIL
1" = 1'-0"

WOOD FRAMING NOTES:

WF-1 ALL FRAMING SHALL CONSIST OF #2 SOUTHERN YELLOW PINE OR BETTER, HAVING AN ALLOWABLE BENDING STRESS (Fb) OF 1,250 PSI, A MODULUS OF ELASTICITY OF 1,600,000 PSI, AND AN ALLOWABLE SHEAR STRESS OF 90 PSI, UNLESS INDICATED OTHERWISE.

WF-2 ALL LUMBER SHALL BE GRADE STAMPED.

SILLS ON CONCRETE . . . . . PRESSURE TREATED

UTILITY GRADE
STUDS . . . . . STUD GRADE
PLATES, CAPS . . . . . UTILITY GRADE

WF-3 PRE-ENGINEERED WOOD JOISTS SHALL BE DESIGNED FOR THE FOLLOWING LOADS:

WIND . . . . . 20.3 PSF
FLOOR LIVE LOADS . . . . . 40 PSF
ROOF LIVE LOADS . . . . . 20 PSF
ROOF DEAD LOADS . . . . . 15 PSF

WF-4 WOOD JOIST MANUFACTURER SHALL PROVIDE ALL BRACING NECESSARY TO PROVIDE LATERAL STABILITY AND MAINTAIN SLENDERNESS RATIOS WITHIN HIS DESIGN.

WF-5 ROOF SHEATHING SHALL BE 5/8" PLYWOOD OR OSB OVER WOOD JOISTS. PROVIDE ADEQUATE BLOCKING, TONGUE AND GROOVE EDGES OR PLYCLIPS (2 FOR 48" SPAN). USE 6d NAILS AT 6"o.c. AT END JOINTS.

WF-6 PLYWOOD FLOOR OR OSB SHEATHING SHALL BE 3/4" TONGUE AND GROOVE STRUCTURAL GRADE 1 CD (48/24).

WF-7 PLACE PLYWOOD PANELS WITH LONG DIMENSION RUNNING PERPENDICULAR TO JOISTS WITH ENDS STAGGERED 1/2 PANEL. USE 6d NAILS SPACED AT 6"o.c. AT END JOINTS OF PANELS AND AT WALL CONNECTIONS. FIELD NAILING OF INTERMEDIATE SUPPORTS SHALL BE AT 10"o.c. FOR FLOOR AND AT 12"o.c. FOR ROOF.

WF-8 TRUSS SUPPLIER SHALL SUBMIT FABRICATION AND ERECTION DRAWINGS FOR APPROVAL PRIOR TO FABRICATION. DRAWINGS SHALL BEAR THE SEAL OF A REGISTERED ENGINEER IN THE STATE OF TEXAS AND SHALL CLEARLY INDICATE DESIGN LOADS, MEMBER STRESSES, LUMBER GRADES, SPLICE LOCATIONS, REQUIRED BLOCKING, BRIDGING, BRACING, PLACEMENT, DESIGNATION, BUILDING NUMBER, AND NAME OF PROJECT.

WF-9 PROVIDE A SINGLE PLATE AT THE BOTTOM AND A DOUBLE PLATE AT THE TOP OF ALL STUD WALLS. SILL PLATES SHALL BE BOLTED TO FOUNDATION WITH (GALV.) 1/2"Ø ANCHOR BOLTS SPACED AT 6'-0"o.c. MAXIMUM. MINIMUM EMBEDMENT = 7".

WF-10 STUDS SHALL BE DOUBLED AT ALL ANGLES, CORNERS, BEAM SUPPORTS, AND AROUND ALL OPENINGS.

WF-11 PROVIDE SOLID BLOCKING IN ALL SPANS OVER 8'-0". MAXIMUM DISTANCE BETWEEN BLOCKING AND BEARING SHALL BE 8'-0". PROVIDE SOLID BLOCKING AT ALL SUPPORTS.

WF-12 PROVIDE SOLID BLOCKING BETWEEN FLOOR TRUSSES AT INTERIOR LOAD BEARING WALL LOCATIONS.

WF-13 UNLESS OTHERWISE INDICATED ON THE DRAWINGS, ALL CANTILEVERED JOISTS SHALL EXTEND INTO THE BUILDING A DISTANCE EQUAL TO THE CANTILEVER. CANTILEVERED JOISTS RUNNING PERPENDICULAR TO FRAMING INSIDE THE BUILDING SHALL BE CONNECTED TO INSIDE MEMBER WITH STANDARD JOIST HANGERS. CANTILEVERED JOISTS RUNNING PARALLEL TO FRAMING INSIDE THE BUILDING SHALL BE NAILED TO THE SIDE OF THE INSIDE MEMBERS WITH 10d NAILS AT 12"o.c. TOP AND BOTTOM.

WF-14 UNLESS OTHERWISE INDICATED, USE TYPE LU JOIST HANGERS AS MANUFACTURED BY THE SIMPSON COMPANY FOR FLUSH TYPE JOIST CONNECTIONS TO SUPPORTING BEAMS. COLUMN CAP AND BASE CONNECTIONS SHALL BE AS MANUFACTURED BY THE SIMPSON COMPANY, TYPE AS RECOMMENDED BY THE MANUFACTURER FOR THE SIZE OF JOIST OR COLUMN AND BEAMS BEING CONNECTED.

WF-15 HEADER SCHEDULE:

MAXIMUM SPAN	NON LOAD BEARING	NON LOAD BEARING
0' TO 2'	2-2x6	2-2x6
2' TO 3'	2-2x6	2-2x8
3' TO 4'	2-2x6	2-2x10
4' TO 6'	2-2x8	2-2x12
6' TO 8'	2-2x10	3-2x12
8' TO 10'	2-2X12	4-2X12

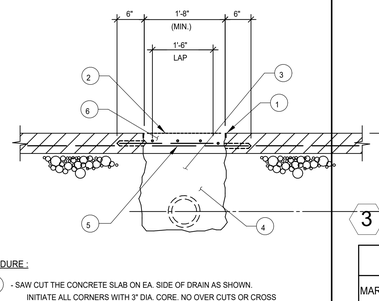
ALL TOP FLOOR NON LOAD BEARING HEADERS SHALL BE 1-2x4 FLAT.

WF-16 CONVENTIONAL FRAMING FORMING ROOF ELEMENTS BUILT ABOVE ROOF TRUSSES SHALL BE CONSTRUCTED ON ACCORDANCE WITH THE FOLLOWING TABLE:

NOMINAL SIZE LUMBER	SPACING	MAXIMUM SPAN
2x6	24"o.c.	10'
2x6	16"o.c.	12'
2x8	24"o.c.	16'

WF-17 PROVIDE PONY WALL CONSTRUCTION AT WALL BETWEEN TRUSS FRAMING AT WALLS WHERE ROOF LOAD IS BEARING ON WALLS ABOVE.
- NO RELIEF CUTS PERMITTED
- NO OVERCUTS PERMITTED

WF-18 MINIMUM BEARING FOR TRUSSES: 3-1/2". STEEL STAIR STRINGERS: 10" CHANNELS.



PROCEDURE :

1. - SAW CUT THE CONCRETE SLAB ON EA. SIDE OF DRAIN AS SHOWN. INITIATE ALL CORNERS WITH 3" DIA. CORE. NO OVER CUTS OR CROSS CUTS ALLOWED
2. - "CHIP OUT" EXISTING SLAB
3. - EXCAVATE TRENCH FOR PLACEMENT OF PIPE
4. - BACK FILL TRENCH WITH HAND COMPACTED SAND TO SLAB SOFFIT ELEVATION. PATCH VAPOR RETARDER.
5. - PLACE DOWELS TO MATCH THOSE CUT (MINIMUM REPLACEMENT #4 @ 12"o.c.) SET IN HILTI HY-200 ALONG EACH CUT FACE. PLACE #4 @ 12"o.c. (2 BARS MIN.) THE LENGTH OF TRENCH
6. - COAT EXISTING SLAB SURFACES WITH EPOXY BONDING AGENT AND POUR 3,000 PSI CONCRETE
7. - GC TO SEND MIX DESIGN FOR REVIEW PRIOR TO POUR

5 DETAIL
N.T.S.

STEEL FRAMING NOTES:

SF-1 WIDE FLANGE STRUCTURAL STEEL SHALL CONFORM TO ASTM A992, FY=50 KSI. STRUCTURAL PIPE SHALL CONFORM TO ASTM A53, GRADE B, FY= 35. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B, FY=46 KSI, ALL OTHERS SHALL CONFORM TO ASTM A36, FY=36 KSI. CONNECTIONS SHALL CONFORM TO REQUIREMENTS OF AISC.

SF-2 STEEL JOISTS AND BRIDGING SHALL CONFORM TO STEEL JOIST INSTITUTE SPECIFICATIONS. STEEL JOISTS HAVE BEEN DESIGNED FOR A NET UPLIFT LOAD OF 10 PSF. THE CONTRACTOR SHALL PROVIDE ALL JOIST BRIDGING REQUIRED FOR NET UPLIFT LOAD GIVEN.

SF-3 JOIST ERECTION PRECAUTION (OSHA REQUIREMENT) AT ALL COLUMNS NOT FRAMED BY BEAMS IN AT LEAST TWO DIRECTIONS: THE JOIST CLOSEST TO THE COLUMN ON BOTH SIDES OF THE BEAM SHALL BE BOLTED TO THE BEAM.

SF-4 ROOF DECK IS 1-1/2"-22 GAUGE TYPE B RIB DECK COMPLYING WITH STEEL DECK INSTITUTE; WITH MINIMUM I=.183 IN. 4/FT., SN=.192 IN. 3/FT. ATTACH TO SUPPORTING MEMBERS BY PLUG WELDING DIRECTLY THROUGH BOTTOM OF THE RIBS AT EVERY SUPPORT. WELD EACH SHEET AT BOTH SIDES AND AT OTHER RIBS SO THAT SPACING BETWEEN WELDS ACROSS THE WIDTH OF EACH SHEET DOES NOT EXCEED 18", IN ACCORDANCE WITH STEEL DECK INSTITUTE'S SPECIFICATIONS.

SF-5 FLOOR SLAB ON STEEL JOISTS SHALL BE 4" REGULAR WEIGHT CONCRETE SLAB (REINFORCED WITH 6x6 - W2.9xW2.9 WWF) ON GALVANIZED HEAVY DUTY 9/16" DEEP 26 GAUGE CORRUGATED STEEL DECK WITH MINIMUM I=.042 IN. 4/FT., S=.071 IN. 3/FT. (VULCRAFT TYPE 1 OR EQUAL). ATTACH STEEL DECK TO SUPPORTING MEMBERS BY PLUG WELDING AT EVERY SUPPORT IN ACCORDANCE WITH STEEL DECK INSTITUTE'S SPECIFICATIONS.

SF-6 WHERE METAL DECK IS SUPPORTED CONTINUOUSLY WELD DECK TO STEEL SUPPORT AT 12"o.c.

SF-7 WHERE FLOOR DECK CHANGES DIRECTIONS, PROVIDE DECK SUPPORT L 3 X 2-1/2 X 3/16 (L.L.H.) ACROSS ENDS OF SEATED JOISTS.

SF-8 TYPICAL STEEL JOIST SEAT ANCHORAGE: FIELD WELD EACH SEAT WITH TWO 1" LONG BY 1/8" WELDS FOR K-SERIES AND TWO 2" LONG BY 1/4" WELDS FOR LH-SERIES.

SF-9 STRUCTURAL FRAMING CONNECTIONS SHALL BE SEATED COLUMN CAPS, CLIP ANGLES OR WEB PLATES AS INDICATED ON DETAILS. USE A325 HIGH STRENGTH BOLTS OR WELDS SUFFICIENT TO DEVELOP REACTION CAPACITY ALLOWABLE UNIFORM LOAD/SPAN DIVIDED BY TWO AS SHOWN IN AISC MANUAL SECTION 3 (15th EDITION).

SF-10 DECK STOP ANGLES, FASCIA ANGLES, HANGERS, CLIPS AND OTHER STRUCTURAL AND MISCELLANEOUS MEMBERS SHALL BE CONNECTED OR JOINED USING 3/16" OR LARGER FILLET OR GROOVE WELDS AS REQUIRED FOR ADEQUATE CONNECTION.

SF-11 WHERE OPENINGS THROUGH ROOF ARE REQUIRED, FRAME AS DETAILED.

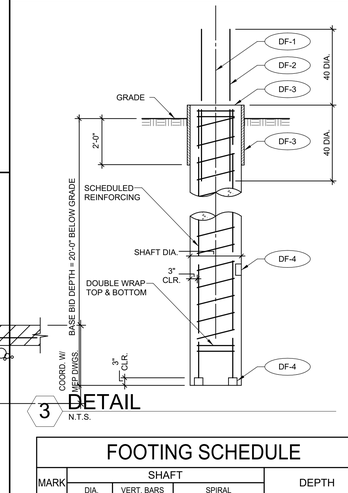
SF-12 WHERE BRACING ANGLES ARE SHOWN BETWEEN END OF JOIST BOTTOM CHORD AND SUPPORTING BEAM OR GIRDER, MAKE THESE CONNECTIONS AFTER ALL DEAD LOAD ON JOISTS IS IN PLACE. TEMPORARY BRACING SHALL REMAIN IN PLACE UNTIL FINAL CONNECTIONS ARE COMPLETED.

SF-13 JOIST BRACES (AT EACH COLUMN) OCCUR AT OR NEAR EVERY INTERIOR COLUMN AT THREE JOISTS THAT ARE CLOSEST TO THE COLUMN CENTERLINE; SEE PLAN AND DETAILS.

SF-14 PROVIDE ADEQUATE AND APPROPRIATE STRUCTURAL STEEL FRAMING APPROVED BY THE ENGINEER FOR THE SUPPORT AND MOUNTING OF MECHANICAL EQUIPMENT NOT RESTING ON, OR SUSPENDED FROM, STEEL JOISTS. NO CONCENTRATED LOADS, HANGERS, ETC. SHALL BE ATTACHED TO THE TOP OR BOTTOM CHORD OF JOIST EXCEPT AT "PANEL POINTS" (THE JUNCTURES OF CHORDS AND DIAGONAL WEB MEMBERS). JOISTS SHALL BE MODIFIED OR STRENGTHENED TO CARRY SUCH LOADS.

SF-15 STEEL STAIRS TO BE DESIGNED AND DETAILED FOR LL=100 PSF BY STEEL FABRICATOR UNDER DIRECT SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER (SPECIALITY ENGINEER). SHOP DRAWINGS TO BE SIGNED AND SEALED BY THE SPECIALITY ENGINEER.

SF-16 FLOOR SLAB SHALL BE 6" REGULAR WEIGHT CONCRETE SLAB REINFORCED WITH 4X4-W2.9 WWF ON GALVANIZED HEAVY DUTY 3" DEEP 20 GAUGE RIBBED STEEL DECK WITH MINIMUM I=.948 IN. 4/FT., S=.570 IN. 3/FT. (VULCRAFT TYPE 3C OR EQUAL). ATTACH STEEL DECK TO SUPPORTING MEMBERS BY PLUG WELDING AT EVERY SUPPORT IN ACCORDANCE WITH STEEL DECK INSTITUTE'S SPECIFICATIONS.



3 DETAIL
N.T.S.

FOOTING SCHEDULE

MARK	SHAFT			DEPTH
	DIA.	VERT. BARS	SPIRAL	
F1	24"	8-#9	3/8"Ø @ 6" PITCH	20'-0" BFG
F2	30"	10-#9	3/8"Ø @ 6" PITCH	15'-0"

DRILLED FOOTING NOTES:

DF-1 FOOTING SHALL BE LOCATED ON CENTERLINES OF COLUMN ABOVE UNLESS DIMENSIONED OTHERWISE ON PLAN. WHERE NO COLUMN OCCURS, LOCATE ON CENTERLINE OF BEAM OR PILASTER UNLESS SHOWN OTHERWISE ON PLANS AND SECTIONS.

DF-2 PROVIDE DOWELS FROM FOOTING INTO CONCRETE ABOVE USING SAME BAR SIZE AND PATTERN AS FOR SCHEDULED COLUMN ABOVE. WHERE NO COLUMN OCCURS, USE 4-#7 DOWELS, STANDARD 90 OR 180 DEGREE END HOOKS MAY BE USED TO DEVELOP REQUIRED EMBEDMENT WHERE SPACE LIMITATIONS PROHIBIT STRAIGHT LAPS.

DF-3 SHAFT CUT-OFF ELEVATION SHALL BE AT SOFFIT OF BEAM, WALL OR PIER CAP. FORM TOP OF SHAFT WITH FIBERFORM AT LEAST 2'-0" BELOW GRADE, OR DEEPER IF IMPROPERLY DRILLED OVERSIZE OR OUT OF ROUND, AS NOTED IN SPECIFICATION.

DF-4 REINFORCING CAGE SHALL BE HELD SECURELY AWAY FROM EARTH AT SIDES & BOTTOM BY SETS OF 3 PRECAST CONCRETE SPACER BLOCKS EVERY 8'-0" ALONG CAGE AND AT BOTTOM. DO NOT RAISE CAGE OFF OF BOTTOM.

DF-5 CASING IS REQUIRED, SECURE APPROVAL OF STRUCTURAL ENGINEER OF RECORD & REFER TO SPECIFICATIONS FOR PROCEDURES.

DF-6 SHAFT SHALL BE DRILLED PLUMB ALONG ITS TOTAL LENGTH WITHIN 1/2" PER 10'-0" OF DEPTH.

DF-7 BOTTOM OF FOOTING SHALL BE CLEAN AND FREE OF ALL LOOSE MATERIALS AND RECOMPACTED CUTTING PRIOR TO PLACING CONCRETE.

DF-8 PLACEMENT OF CONCRETE AND REINFORCING IN SHAFT SHALL BE THE SAME DAY OF DRILLING.

DF-9 REFERENCE GEOTECHNICAL REPORT BY:

CONCRETE NOTES:

CN-1 CONCRETE SHALL BE LABORATORY DESIGNED TO DEVELOP MINIMUM 28-DAY COMPRESSIVE STRENGTHS AS GIVEN BELOW. REFER TO SPECIFICATIONS FOR AGGREGATES, CEMENT, ADMIXTURES, ETC.

DRILLED PIERS & PIER CAPS . . . . . 4,000 PSI
GRADE BEAMS, SLABS-ON-GRADE . . . . . 3,000 PSI
BEAMS AND FLAT SLAB FLOOR SYSTEM . . . . . 4,000 PSI
BEAM, GIRDER, AND JOIST FLOOR SYSTEM . . . . . 4,000 PSI
SLABS ON METAL FORMS . . . . . 3,000 PSI
COMPOSITE SLABS ON METAL FORMS . . . . . 4,000 PSI
COLUMNS AND WALLS . . . . . SEE SCHEDULE
PRECAST CONCRETE . . . . . 5,500 PSI

NOTE: FLY ASH WILL BE PERMITTED UP TO 20% PORTLAND CEMENT REPLACEMENT FPR TYPE I, II, III IV, NO FLY ASH FOR TYPE IL, REFER TO SPECIFICATIONS.

CN-2 REINFORCING STEEL SHALL BE FROM NEW BILLET AND SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS:

A615-GR 60 . . . . . FOOTING SPIRALS
A185 . . . . . WELDED WIRE FABRIC
A615-GR 60 . . . . . BEAM STIRRUPS, COLUMN TIES
A615-GR 60 . . . . . ALL OTHER REINFORCING
ASTM A108-60T . . . . . HEADED CONCRETE ANCHORS
ASTM A496 . . . . . DEFORMED BAR ANCHORS

CN-3 DETAILING OF CONCRETE REINFORCEMENT BARS AND ACCESSORIES SHALL BE IN ACCORDANCE WITH LATEST ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES (ACI 315). BAR SUPPORTS SHALL HAVE PLASTIC COATED LEGS OR BE HOT DIPPED GALVANIZED AFTER FABRICATION.

CN-4 PROVIDE BAR LAPS AND SPLICES PER REINFORCING BAR LAP SPLICE TABLE BELOW. SEE "CORNER DETAILS" FOR CONTINUOUS BARS AT CORNERS. SPIRALS SHALL BE LAPPED 1-1/2 TURNS. WELDED WIRE MESH SHALL BE LAPPED 8" MINIMUM AT SPLICE POINTS, OR 1-1/2 MESHES, WHICHEVER IS GREATEST.

CN-5 CONTRACTOR SHALL PROVIDE NECESSARY CONSTRUCTION JOINTS IN MONOLITHIC CONCRETE FORMING SO THAT NOT MORE THAN 400 CUBIC YARDS IS POURED IN ONE DAY. LOCATION OF CONSTRUCTION JOINTS MUST HAVE PRIOR APPROVAL OF STRUCTURAL ENGINEER OF RECORD AND SHALL GENERALLY BE LOCATED AT OR NEAR MID-POINTS OF SPANS OF SLAB, BEAMS AND WALLS. ALL CONTINUOUS REINFORCING SHALL BE CARRIED THROUGH THE JOINT. SEE DETAILS FOR CONTINUOUS KEY BETWEEN ADJACENT POURS.

CN-6 SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATIONS AND SIZES OF ALL SLAB OPENINGS AND SLEEVES, INSERTS, ANCHORS AND BOLTS REQUIRED BY ABOVE.

CN-7 REFER TO ARCHITECTURAL DRAWINGS FOR ALL FLOOR FINISHES, DIMENSIONS AND LOCATIONS OF SLAB DROPS AND DEPRESSIONS.

CN-8 MECHANICAL AND ELECTRICAL CONDUITS IN SLABS SHALL RUN UNDER THE TOP LAYER OF SLAB REINFORCING OR WELDED WIRE FABRIC. PROVIDE A MINIMUM OF 1-1/2" CLEAR BETWEEN INDIVIDUAL CONDUITS, AND BETWEEN CONDUIT AND PARALLEL REINFORCING. DO NOT "BUNDLE" CONDUITS.

CN-9 "HEADED CONCRETE ANCHORS" (HCA) SHALL BE OF 50,000 PSI STEEL ROD WITH UPSET ENDS, AUTOMATICALLY ARC WELDED THROUGH CERAMIC FERRULES, "NELSON CONCRETE ANCHORS" OR EQUAL.

MECHANICAL TESTING OF HCA IN SHOP
MECHANICAL TESTS SHALL BE MADE BEFORE INITIATION OF PRODUCTION WELDING AND AFTER ANY EQUIPMENT MAINTENANCE TO ENSURE THAT THE WELDING SCHEDULE IS SATISFACTORY. THEY MAY ALSO BE MADE DURING THE PRODUCTION RUN OR AT THE BEGINNING OF A SHIFT TO ENSURE THAT WELDING CONDITIONS HAVE NOT CHANGED. ARC WELDED STUDS ARE TESTED BY BENDING THE STUD. BENDING MAY BE DONE BY STRIKING THE STUD WITH A HAMMER OR BY BENDING IT USING A TUBE OR PIPE, THE ANGLE THROUGH WHICH THE STUD WILL BEND WITHOUT WELD FAILURE WILL DEPEND ON THE STUD AND BASE METAL COMPOSITIONS, CONDITIONS (COLD WORKED, HEAT TREATED), AND STUD DESIGN. BEND TESTING MAY DAMAGE, THUS THEY MAY NOT BE USED. THE STUD; THEREFORE, IT SHOULD BE DONE ON QUALIFICATION SAMPLES ONLY. THE METHOD USED TO APPLY TENSILE LOAD ON AN ARC WELDED STUD WILL DEPEND ON THE STUD DESIGN. SPECIAL TOOLING MAY BE REQUIRED TO GRIP THE STUD PROPERLY WITHOUT DAMAGE, AND A SPECIAL LOADING DEVICE MAY BE NEEDED.

MECHANICAL TESTING OF HCA IN FIELD
MECHANICAL TESTS SHALL BE MADE IN THE FIELD BEFORE PLATES ARE INSTALLED IN CONCRETE. THE CONTRACTOR SHALL SUPPLY AT A MINIMUM ONE ADDITIONAL PER 50 PLATES OF EACH TYPE OR ADDITIONAL STUDS SHALL BE PLACED ON SPECIAL CONFIGURATION PLATES AND MEMBERS. THESE STUDS SHALL BE TESTED IN THE FIELD. ARC WELDED STUDS ARE TESTED BY BENDING THE STUD. BENDING MAY BE DONE BY STRIKING THE STUD WITH A HAMMER OR BY BENDING IT USING A TUBE OR PIPE. THE ANGLE THROUGH WHICH THE STUD WILL BEND WITHOUT WELD FAILURE WILL DEPEND ON THE STUD AND BASE METAL COMPOSITIONS, CONDITIONS (COLD WORKED, HEAT TREATED), AND STUD DESIGN. BEND TESTING MAY DAMAGE, THUS THEY MAY NOT BE USED. THE STUD; THEREFORE, IT SHOULD BE DONE ON QUALIFICATION SAMPLES ONLY. THE METHOD USED TO APPLY TENSILE LOAD ON AN ARC WELDED STUD WILL DEPEND ON THE STUD DESIGN. PROPERLY WITHOUT DAMAGE, AND A SPECIAL LOADING DEVICE MAY BE NEEDED.

CN-10 REFER TO SPECIFICATIONS FOR TESTING REQUIREMENTS. ALL TESTING SHALL BE AT POINT OF DISCHARGE. IF PUMP IS USED, TESTING SHALL BE AT THE END OF THE HOSE.

REINFORCING BAR LAP SPLICE TABLE (MASONRY)

BAR SIZE	POSITION	CONCRETE f'c (PSI) AND LAP CLASS					
		2500 B	3000 B				
#3 thru #6	ALL	40db	40db				
#7 thru #11	ALL	72db	72db				

REINFORCING BAR LAP SPLICE TABLE (BEAMS AND COLUMNS)

BAR SIZE	POSITION	CONCRETE f'c (PSI) AND LAP CLASS					
		3000 B	4000 B	5000 B	6000 B		
#3 thru #6	ALL	74db	64db	58db	50db		
#7 thru #11	ALL	93db	80db	72db	60db		

REINFORCING BAR LAP SPLICE TABLE (SLABS AND WALLS)

BAR SIZE	POSITION	CONCRETE f'c (PSI) AND LAP CLASS					
		3000 B	4000 B	5000 B			
#3 thru #6	0.75" COVER 2.0" COVER	75db 46db	64db 40db	58db 40db			
#7 thru #11	0.75" COVER 2.0" COVER	138db 74db	120db 65db	106db 56db			

REBAR LAP SPLICE TABLE NOTES:

RL-1 "db" DENOTES BAR DIAMETER.

RL-2 ALL SPLICES SHALL BE CLASS B UNLESS OTHERWISE NOTED.

RL-3 VALUES APPLY TO ALL BARS WITH MINIMUM CONCRETE COVER 1.0db AND MINIMUM CENTER TO CENTER SPACING OF 2.0db.

RL-4 FOR LIGHTWEIGHT CONCRETE, MULTIPLY BY 1.3.

RL-5 THE CHART ABOVE IS A SIMPLIFIED AND CONSERVATIVE METHOD FOR MEETING THE REQUIREMENTS OF ACI 12.2.2. THE CONTRACTOR MAY SUBMIT A DETAILED REBAR SPLICING PLAN IN ACCORDANCE WITH ACI 12.2.2 FOR APPROVAL.

GENERAL NOTES:

GN-1 THIS STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE (2021) AS AMENDED AND ADOPTED BY THE GOVERNING AUTHORITY, AND APPLICABLE INDUSTRY STANDARDS (AISC, ACI, ETC.).

GN-2 THE DESIGN LOADS ARE:

SUPERIMPOSED DEAD LOADS
MECHANICAL DUCTS/CONDUITS, CEILING, ETC. . . . . 5 PSF
MECHANICAL EQUIPMENT . . . . . AS INDICATED ON PLANS

FLOOR LIVE LOAD
CORRIDOR . . . . . 100 PSF
OFFICES . . . . . 50 PSF
MOVEABLE PARTITIONS . . . . . 20 PSF
MECHANICAL ROOMS . . . . . 150 PSF
(NON REDUCIBLE)

ASSEMBLY AREAS:
FIXED SEATS . . . . . 60 PSF
LOBBIES . . . . . 100 PSF
MOVEABLE SEATS . . . . . 100 PSF
STAGES & PLATFORMS . . . . . 125 PSF
CATWALKS . . . . . 40 PSF

ROOF LIVE LOAD
FLAT ROOF . . . . . 20 PSF
PITCHED ROOF . . . . . 20 PSF

ROOF SNOW LOAD
GROUND SNOW Pg . . . . . 5 PSF
SNOW EXPOSURE FACTOR Ce 1.0
SNOW LOAD IMPORTANCE FACTOR Is 1.1
THERMAL FACTOR Ct 1.0

WIND LOAD
BASIC WIND SPEED (ULTIMATE DESIGN) 108
BUILDING CATEGORY II
WIND EXPOSURE C
INTERNAL PRESSURE COEF. . . . . ±0.18
COMPONENTS AND CLADDING WIND PRESSURE . . . . . 25 PSF

EARTHQUAKE LOADS
SEISMIC IMPORTANCE FACTOR Ie 1.00
SPECTRAL RESPONSE ACCELERATION Ss 5.1%
SPECTRAL RESPONSE ACCELERATION S 2.3%
SPECTRAL RESPONSE COEF. SDs. 5.4%
SPECTRAL RESPONSE COEF. SD 3.7%
SEISMIC DESIGN CATEGORY . . . . . A
SEISMIC RESPONSE COEF Cs 1.0

RETAINING WALLS
GLOBAL STABILITY ANALYSIS FACTOR OF SAFETY 1.5
TYPE . . . . . CANTILEVER
EQUIVALENT FLUID PRESSURE . . . . . 50 PCF
BACKFILL . . . . . DRAINED/ONSITE
FOOTING BEARING . . . . . 2000 PSF
SURCHARGE . . . . . 200 PSF

FLOOD LOAD
ELEVATION OF LOWEST FLOOR . . . . . REF. ARCH. DWGS.

GN-3 ALLOWABLE STRESS DESIGN LOAD COMBINATIONS (FOR ALL DESIGNS EXCEPT CONCRETE)

D
D+L
D+(Lr, or S or R)
D+0.75L+0.75(Lr, or S or R)
D+(0.6W)
D+0.75L+0.75(0.6W)+0.75(Lr or S or R)
0.6D+0.6W
D+0.7E

STRENGTH DESIGN LOAD COMBINATIONS (FOR CONCRETE DESIGN)

1.4D
1.2D+1.6L+0.5(Lr, or S or R)
1.2D+1.6(Lr, or S or R+(L or 0.5W)
1.2D+1.0W+L+0.5(Lr, or S or R)
0.9+1.0W
1.2D+E+L+0.2S

GN-4 PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR AND FABRICATOR SHALL VERIFY ALL QUALITATIVE DIMENSIONS AND CONDITIONS AND NOTIFY ARCHITECT/STRUCTURAL ENGINEER OF RECORD OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

GN-5 UTILITIES PENETRATING BUILDING SHALL BE FLEXIBLE, USING SLEEVE JOINTS, BENDS, LOOPS, ETC. TO PERMIT MOVEMENTS DUE TO EXPANSIVE UNDERLYING SOILS.

GN-6 PROVIDE ADEQUATE AND APPROPRIATE STRUCTURAL STEEL FRAMING FOR THE SUPPORT AND MOUNTING OF MECHANICAL EQUIPMENT RESTING ON, OR SUSPENDED FROM, STEEL SUPERSTRUCTURE.

GN-7 THE STRUCTURAL DRAWINGS FOR THIS PROJECT ARE COPYRIGHTED AND SHALL NOT BE REPRODUCED FOR USE AS FABRICATOR'S ERECTION DRAWINGS. THE CONTRACTOR SHALL ALLOW ADEQUATE TIME AND EXPENSE FOR SUBCONTRACTORS TO PRODUCE THEIR OWN ORIGINAL ERECTION AND PLACEMENT DRAWINGS.

GN-8 THE STRUCTURE HAS BEEN DESIGNED TO RESIST DESIGN LOADS ONLY AS A COMPLETED STRUCTURE. ANY PROPOSED APPLICATION OF CONSTRUCTION LOADS OR OF ANY LOADS TO THE PARTIALLY COMPLETED STRUCTURE WHICH EXCEED THE DESIGN LOADS WILL REQUIRE REANALYSIS AND PROBABLE REDESIGN.

DEMOLITION NOTES:

DN-1 THE CONTRACTOR MUST REVIEW ALL WORK IN PROGRESS TO ASCERTAIN THAT ACTUAL STRUCTURAL CONDITIONS ENCOUNTERED REFLECT THOSE SHOWN ON THE DRAWINGS, AND REPORT ANY DISCREPANCIES TO THE STRUCTURAL ENGINEER.

DN-2 DURING DEMOLITION CONTRACTOR SHALL IDENTIFY STRUCTURAL FRAMING AND LOAD PATHS IN AREA OF DEMOLITION TO PREVENT ACCIDENTAL COLLAPSE.

DN-3 CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL BRACING AND SHORING REQUIRED TO INSURE THE SAFETY AND STRUCTURAL INTEGRITY OF THE PROJECT DURING DEMOLITION OPERATIONS.

DN-4 CONTRACTOR SHALL INSPECT EXISTING STRUCTURAL ELEMENTS AND REPAIR OR REPLACE THOSE FOUND TO BE STRUCTURALLY UNSOUND AS DIRECTED BY STRUCTURAL ENGINEER OF RECORD.

DN-5 WHERE EXISTING CONCRETE IS NOTED TO BE REMOVED, WORK SHALL BE INITIATED BY MEANS OF SAW CUTS AT LEAST 1" DEEP OR BY PERFORATING WITH CLOSELY SPACED THRU-DRILLED HOLES. IF REINFORCING IS TO REMAIN, INITIATE WITH SAW CUTS APPROXIMATELY 3/4" DEEP. DEMOLITION SHALL PROCEED USING HAND HELD ROTARY TOOLS AND/OR LOW IMPACT CHIPPING DEVICES. NO JACK HAMMERS OR SIMILAR HEAVY IMPACT EQUIPMENT WILL BE PERMITTED.

DN-6 INITIATE SAWCUTTING THRU WALLS AND SLABS WITH 3" CORE HOLES AT ALL CORNERS TO PREVENT OVERCUTS. OVERCUTS ARE NOT PERMITTED.

DN-7 REPLACE ALL CONCRETE COVERAGE, REMOVED TO INSTALL NEW STEEL MEMBERS, TO MAINTAIN FIRE PROTECTION OF MAIN STRUCTURAL FRAMING.

DN-8 ALL TEMPORARY SHORING IS TO BE DESIGNED AND DETAILED BY A LICENSED PROFESSIONAL ENGINEER. SIGNED AND STAMPED DRAWINGS ARE TO BE SUBMITTED TO THE A/E TEAM FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND CONSTRUCTION.

MASONRY WALL REINFORCEMENT:

MN-1 PROVIDE GROUTED REINFORCED VERTICAL

7. WOOD CONSTRUCTION		IBC 1704.6		
A. PREFABRICATED STRUCTURAL ELEMENTS & ASSEMBLIES	PERIODIC	INSPECT STRUCTURAL LOAD BEARING MEMBERS AND ASSEMBLIES. VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. THE SPECIAL INSPECTOR SHALL REVIEW THE PROCEDURES FOR CODE REQUIREMENTS FOR THE FABRICATOR'S SCOPE OF WORK. **EXCEPTION:** SPECIAL INSPECTIONS SHALL NOT BE REQUIRED WHERE THE FABRICATOR IS ENROLLED IN A NATIONALLY ACCEPTED INSPECTIONS PROGRAM ACCEPTABLE TO THE REGISTERED DESIGN PROFESSIONAL IS RESPONSIBLE CHARGE.	IBC 1705.5	TECHNICAL REPRESENTATIVE UNDER DIRECTION OF LICENSED ENGINEER
B. SITE BUILT ASSEMBLIES	PERIODIC	SITE BUILT ASSEMBLIES SHALL BE INSPECTED IN ACCORDANCE WITH IBC SECTION 1704.1	IBC 1705.5	LICENSED ENGINEER OR HIS/HER REPRESENTATIVE.
C. DIAPHRAGMS	PERIODIC	HIGH LOAD DIAPHRAGMS SHALL BE INSPECTED IN ACCORDANCE WITH IBC SECTION 1704.1, AND SHEATHING CHECKED FOR PROPER GRADE, THICKNESS, SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, NAIL/STAPLE DIAMETER AND LENGTH, AND FASTENER PATTERN.	IBC 1705.5.1	
D. TRUSS BRACING	PERIODIC	CHECK ALL REQUIRED PERMANENT AND LATERAL BRACING HAS BEEN INSTALLED ACCORDING TO STRUCTURAL DRAWINGS AND FABRICATOR DESIGN/SHOP DRAWINGS.		
8. LIGHT GAGE FRAME CONSTRUCTION		IBC 1704.13		
A. PREFABRICATED STRUCTURAL ELEMENTS & ASSEMBLIES	PERIODIC	INSPECT STRUCTURAL LOAD BEARING MEMBERS AND ASSEMBLIES. VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. THE SPECIAL INSPECTOR SHALL REVIEW THE PROCEDURES FOR CODE REQUIREMENTS FOR THE FABRICATOR'S SCOPE OF WORK. **EXCEPTION:** SPECIAL INSPECTIONS SHALL NOT BE REQUIRED WHERE THE FABRICATOR IS ENROLLED IN A NATIONALLY ACCEPTED INSPECTIONS PROGRAM ACCEPTABLE TO THE REGISTERED DESIGN PROFESSIONAL IS RESPONSIBLE CHARGE.	IBC 1705.5.1	TECHNICAL REPRESENTATIVE UNDER DIRECTION OF LICENSED ENGINEER
B. SITE BUILT ASSEMBLIES	N/A	SITE BUILT ASSEMBLIES SHALL BE INSPECTED IN ACCORDANCE WITH IBC SECTION 1704.1	IBC 1705.5.1	LICENSED ENGINEER OR HIS/HER REPRESENTATIVE.
C. DIAPHRAGMS	N/A	HIGH LOAD DIAPHRAGMS SHALL BE INSPECTED IN ACCORDANCE WITH IBC SECTION 1704.1, AND SHEATHING CHECKED FOR PROPER GRADE, THICKNESS, SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES, NAIL/STAPLE DIAMETER AND LENGTH, AND FASTENER PATTERN.	IBC 1705.10.3	
D. TRUSS BRACING	N/A	CHECK ALL REQUIRED PERMANENT AND LATERAL BRACING HAS BEEN INSTALLED ACCORDING TO STRUCTURAL DRAWINGS AND FABRICATOR DESIGN/SHOP DRAWINGS.		

NOTES:

1 THESE INSPECTIONS DO NOT RELIEVE ENGINEER FROM STRUCTURAL OBSERVATIONS AS MAY REQUIRED BY IBC 2021, SECTION 1709, AND/OR CONTRACTUAL REQUIREMENTS OF ARCHITECT/CLIENT, (I.E. C141).

2 DEFINITIONS/TERM: PERIODIC VS. CONTINUOUS INSPECTIONS - REF. IBC SECTION 1702
ADSC - THE INTERNATIONAL ASSOCIATION OF FOUNDATION DRILLING
ASNT - AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING
ASTM - AMERICAN SOCIETY FOR TESTING MATERIALS
AWS - AMERICAN WELDING SOCIETY
CWI - CERTIFIED WELDING INSPECTOR
CRSI - CONCRETE REINFORCING STEEL INSTITUTE
PCI - PRECAST/PRESTRESSED CONCRETE INSTITUTE
PTI - POST-TENSIONING INSTITUTE
N/A - NOT APPLICABLE

*TESTING AND INSPECTION DIRECTED BY ASTM E329 GUIDELINES.

DEFERRED SUBMITTALS

BUILDING CONSTRUCTION	YES	NO	DESCRIPTION
STEEL	X		PEDESTRIAN STEEL BRIDGE DWGS.
CONCRETE		X	
WOOD		X	

6. MASONRY CONSTRUCTION				
EMPIRICALLY DESIGNED MASONRY, GLASS UNIT MASONRY, AND MASONRY VENEER IN NON-ESSENTIAL FACILITIES:	SPECIAL INSPECTIONS NOT REQUIRED PER 1704.5.1		IBC 1705.4	
LEVEL 1 INSPECTION:		ENGINEERED MASONRY IN NON-ESSENTIAL FACILITIES AND EMPIRICALLY DESIGNED MASONRY IN ESSENTIAL FACILITIES.	IBC 1705.4	QUALIFICATIONS BASED ON ASTM C1093
A. AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:	PERIODIC	1. PROPORTIONS OF SITE-PREPARED MORTAR.		
	PERIODIC	2. CONSTRUCTION OF MORTAR JOINTS.		
	PERIODIC	3. LOCATION OF REINFORCEMENT AND CONNECTORS.		
	PERIODIC	4. PRESTRESSING TECHNIQUE.		
	PERIODIC	5. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.		
B. THE INSPECTION PROGRAM SHALL VERIFY:	PERIODIC	1. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.		
	PERIODIC	2. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTUCTION.		
	PERIODIC	3. SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT.		
	CONTINUOUS	4. WELDING OF REINFORCING BARS.		
	PERIODIC	5. PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40 DEGREES F) OR HOT WEATHER (TEMPERATURE ABOVE 90 DEGREES F.)		
	PERIODIC	6. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.		
C. PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:	PERIODIC	1. GROUT SPACE IS CLEAN.		
	PERIODIC	2. PLACEMENT OF REINFORCEMENT AND CONNECTORS AND PRESTRESSING TENDONS AND ANCHORAGES.		
	PERIODIC	3. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.		
	PERIODIC	4. CONSTRUCTION OF MORTAR JOINTS.		
D. GROUT PLACEMENT	CONTINUOUS	1. VERIFY COMPLIANCE WITH CODE AND CONSTRUCTION DOCUMENTS PROVISIONS.		
	CONTINUOUS	2. GROUTING OF PRESTRESSING BONDED TENDONS.		
E. PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS SHALL BE OBSERVED.	CONTINUOUS	1. VERIFY COMPLIANCE WITH CODE AND CONSTRUCTION DOCUMENTS PROVISIONS.		QUALIFICATIONS BASED ON C1093
F. COMPLIANCE WITH REQUIRED INSPECTION PROVISION OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.	PERIODIC	1. VERIFY COMPLIANCE WITH CODE AND CONSTRUCTION DOCUMENTS PROVISIONS.		
G. TESTING OF GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS.	PERIODIC	1. TEST ONE SET OF MORTAR CUBES PER 2000 sf OR PORTION THEREOF. 2. TEST ONE SET OF GROUT CYLINDERS PER 2000 sf OR PORTION THEREOF. 3. TEST ONE PRISM PER 6000 sf OR PORTION THEREOF. (SUBMITTED PRISM WILL BE ACCEPTABLE FOR FIRST PRISM TEST).		QUALIFICATIONS BASED ON C1093
LEVEL 1 INSPECTION CONT.:		ENGINEERED MASONRY IN NON-ESSENTIAL FACILITIES AND EMPIRICALLY DESIGNED MASONRY IN ESSENTIAL FACILITIES.	IBC 1704.5.1; IBC 1704.5.2	QUALIFICATIONS BASED ON ASTM C1093
H. POST INSTALLED REINFORCING & ANCHORS (EXPANSION ANCHORS, SCREW ANCHORS ADHESIVE ANCHORS, ECT.).	CONTINUOUS	THE SPECIAL INSPECTOR SHALL BE ON THE JOB SITE CONTINUOUSLY DURING ANCHOR INSTALLATION TO VERIFY ANCHOR TYPE, ANCHOR DIMENSIONS, MASONRY TYPE AND COMPRESSION STRENGTH, PRE-DRILLED HOLE DIMENSIONS, ANCHOR SPACING, EDGE DISTANCES, MASONRY THICKNESS AND ANCHOR EMBEDMENT.	ACI 318 APPENDIX D-CH. D.9.1	*QUALIFICATIONS BASED ON ASTM E329 & ASTM C1077 OR CERTIFIED MANUFACTURER REPRESENTATIVE
6. MASONRY CONSTRUCTION CONT.:				
LEVEL 2 INSPECTION:		ENGINEERED MASONRY IN ESSENTIAL FACILITIES.	IBC 1704.5.3	QUALIFICATIONS BASED ON C1093
A. FROM THE BEGINNING OF MASONRY CONSTRUCTION, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:	PERIODIC	1. PROPORTIONS OF SITE-PREPARED MORTAR, GROUT, AND PRESTRESSING GROUT FOR BONDED TENDONS.		
	PERIODIC	2. PLACEMENT OF MASONRY UNITS AND CONSTRUCTION OF MORTAR JOINTS.		
	PERIODIC	3. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND PRESTRESSING TENDONS AND ANCHORAGES.		
	CONTINUOUS	4. GROUT SPACE PRIOR TO GROUTING.		
	CONTINUOUS	5. PLACEMENT OF GROUT.		
	CONTINUOUS	6. PLACEMENT OF PRESTRESSING GROUT.		
B. THE INSPECTION PROGRAM SHALL VERIFY:	PERIODIC	1. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.		
	CONTINUOUS	2. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.		
	PERIODIC	3. SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT.		
	CONTINUOUS	4. WELDING OF REINFORCEMENT.		
	PERIODIC	PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40 DEGREES F) OR HOT WEATHER (TEMPERATURE ABOVE 90 DEGREES F.).		
	CONTINUOUS	6. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.		
C. PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS SHALL BE OBSERVED.	CONTINUOUS	1. VERIFY COMPLIANCE WITH CODE AND CONSTRUCTION DOCUMENTS PROVISIONS.		QUALIFICATIONS BASED ON C1093
D. COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.	PERIODIC			
E. TESTING OF GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS.	PERIODIC	1. TEST ONE SET OF MORTAR CUBES PER 2000 sf OR PORTION THEREOF 2. TEST ONE SET OF GROUT CYLINDERS PER 2000 sf OR PORTION THEREOF. 3. TEST ONE PRISM PER 6000 sf OR PORTION THEREOF. (SUBMITTED PRISM WILL BE ACCEPTABLE FOR FIRST PRISM TEST).		QUALIFICATIONS BASED ON C1093

3. CONCRETE CONSTRUCTION CONT.				
G. PLACEMENT OF CONCRETE & SHOTCRETE.	CONTINUOUS		ACI 318-CH. 5.9, 5.10	*QUALIFICATIONS BASED ON ASTM C1077
H. MAINTENANCE OF SPECIFIED CURING TEMPERATURE & TECHNIQUES.	PERIODIC	EACH CONCRETE POUR	ACI 318-CH. 5.11, 5.13	*QUALIFICATIONS BASED ON ASTM C1077
I. PRE-STRESSED CONCRETE	N/A	1. APPLICATION OF PRESTRESSING FORCE. 2. GROUTING OF BOUNDED PRESTRESSING TENDONS IN SEISMIC-FORCE RESISTING SYSTEMS.		*QUALIFICATIONS BASED ON ASTM C1077
J. ERECTION OF PRECAST CONCRETE MEMBERS.	N/A			TECHNICIAN TRAINED IN FIELD OF WORK AND HAS AT LEAST ONE YEAR OF EXPERIENCE.
K. POST-TENSIONED CONCRETE:	N/A	1. VERIFY IN-SITU CONCRETE STRENGTH PRIOR TO STRESSING OF TENDONS.		*QUALIFICATIONS BASED ON ASTM E329
	N/A	2. THE POST-TENSIONING ENGINEER, OR A MEMBER OF HIS STAFF, SHALL INSPECT THE TENDON PLACEMENT AND CHAIRING TO INSURE COMPLIANCE WITH THE INTENT OF THE DESIGN.		
	N/A	3. CONTINUOUS INSPECTION IS REQUIRED DURING ALL STRESSING ACTIVITIES.		
	N/A	4. RECORDS OF ALL JACKING FORCES AND ELONGATIONS SHALL BE MADE IN ACCORDANCE WITH THE PTI FIELD MANUAL AND RECORDS SHALL BE PROMPTLY SUBMITTED TO THE ARCHITECT AND ENGINEER.		
L. REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	PERIODIC	VERIFY IN-SITU CONCRETE STRENGTH PRIOR TO REMOVAL.	ACI 318-CH. 5.11, 5.13	*QUALIFICATIONS BASED ON ASTM E329
M. POST INSTALLED REINFORCING & ANCHORS (EXPANSION ANCHORS, SCREW ANCHORS ADHESIVE ANCHORS, ECT.).	CONTINUOUS	THE SPECIAL INSPECTOR SHALL BE ON THE JOB SITE CONTINUOUSLY DURING ANCHOR INSTALLATION TO VERIFY ANCHOR TYPE, ANCHOR DIMENSIONS, CONRETE TYPE AND COMPRESSION STRENGTH, PRE-DRILLED HOLE DIMENSIONS, ANCHOR SPACING, EDGE DISTANCES, CONCRETE THICKNESS AND ANCHOR EMBEDMENT.	ACI 318 APPENDIX D-CH. D.9.1	*QUALIFICATIONS BASED ON ASTM E329 & ASTM C1077 OR CERTIFIED MANUFACTURER REPRESENTATIVE
4. STEEL CONSTRUCTION			IBC 1705.2	
A. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:	PERIODIC	1. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	STRUCTURAL STEEL GENERAL NOTES	CWI/ASSOCIATE/TECHNICAL RADIATE, AWS OR CRSI
	PERIODIC	2. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	APPLICABLE ASTM MATERIAL SPECIFICATIONS; AISC 335, SECTION A3.4; AISC LRFD, SECTION A3.3	
4. STEEL CONSTRUCTION CONT.:			IBC 1704.3	
B. HIGH-STRENGTH BOLTING:	PERIODIC	1. BEARING-TYPE CONNECTIONS.	IBC 1705.2 STRUCTURAL STEEL GENERAL NOTES	CWI/ASSOCIATE/TECHNICAL RADIATE, AWS OR CRSI
	CONTINUOUS OR PERIODIC	2. SLIP-CRITICAL CONNECTIONS.	AISC LRFD SECTION M2.5	
C. MATERIAL VERIFICATION OF STRUCTURAL STEEL:	PERIODIC	1. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	IBC 1705.2 STRUCTURAL STEEL GENERAL NOTES	CWI/ASSOCIATE/TECHNICAL RADIATE, AWS OR CRSI
	PERIODIC	2. MANUFACTURERS' CERTIFIED MILL TEST REPORTS.	ASTM A 6 OR ASTM A 568	
D. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:	PERIODIC	1. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	STRUCTURAL STEEL GENERAL NOTES	CWI/ASSOCIATE/TECHNICAL RADIATE, AWS OR CRSI
	PERIODIC	2. MANUFACTURERS' CERTIFIED OF COMPLIANCE REQUIRED.	AISC, ASD, SECTION A3.6; AISC LRFD, SECTION A3.5	
E. WELDING OF STRUCTURAL STEEL:	CONTINUOUS	1. COMPLETE & PARTIAL PENETRATION GROOVE WELDS.	IBC 1705.2.2.1 STRUCTURAL STEEL GENERAL NOTES	CWI AND ASNT
	CONTINUOUS	2. MULTIPASS FILLET WELDS.	AWS D1.1	CWI AND ASNT OR LICENSED ENGINEER
	CONTINUOUS	3. SINGLE-PASS FILLET WELDS > 5/16"		
	PERIODIC	4. SINGLE-PASS FILLET WELDS ≤ 5/16"		
	PERIODIC	5. FLOOR AND DECK WELDS.	AWS D1.3	
F. WELDING OF REINFORCING STEEL:	N/A	1. VERIFICATION OF WELD ABILITY OF REINFORCING STEEL OTHER THAN A706.	IBC 1705.2.2.1.2	CWI/ASSOCIATE/TECHNICIAN TRAINED IN FIELD OF WORK AND HAS AT LEAST ONE YEAR OF EXPERIENCE.
	N/A	2. REINFORCING STEEL-RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND SHEAR REINFORCEMENT.		
	N/A	3. SHEAR REINFORCEMENT.		
	N/A	4. OTHER REINFORCING STEEL.		
G. STEEL FRAME JOINT DETAILS: COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS:	PERIODIC	1. DETAILS SUCH AS BRACING & STIFFENING.	IBC 1705.2.1 STRUCTURAL DRAWINGS	PROJECT OF COMPLEX DETAILS - ASSOCIATE CWI PROJECTS OF RELATIVELY SIMPLE DETAILS - TECHNICIAN TRAINED IN FIELD OF WORK AND HAS AT LEAST ONE YEAR OF EXPERIENCE.
	PERIODIC	2. MEMBER LOCATIONS.		
	PERIODIC	3. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.		
H. POST INSTALLED REINFORCING & ANCHORS (EXPANSION ANCHORS, SCREW ANCHORS ADHESIVE ANCHORS, ECT.).	CONTINUOUS	THE SPECIAL INSPECTOR SHALL BE ON THE JOB SITE CONTINUOUSLY DURING ANCHOR INSTALLATION TO VERIFY ANCHOR TYPE, ANCHOR DIMENSIONS, CONCRETE OR MASONRY TYPE AND COMPRESSION STRENGTH, PRE-DRILLED HOLE DIMENSIONS, ANCHOR SPACING, EDGE DISTANCES, CONCRETE OR MASONRY THICKNESS AND ANCHOR EMBEDMENT.	ACI 318 APPENDIX D-CH. D.9.1	*QUALIFICATIONS BASED ON ASTM E329 & ASTM C1077 OR CERTIFIED MANUFACTURER REPRESENTATIVE
5. INSPECTION OF FABRICATORS FOR STRUCTURAL STEEL				
FABRICATION & IMPLEMENTATION PROCEDURES	PERIODIC	FABRICATION AND IMPLEMENTATION PROCEDURES. SPECIAL INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. THE SPECIAL INSPECTOR SHALL REVIEW THE PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS FOR THE FABRICATOR'S SCOPE OF WORK. **EXCEPTION:** SPECIAL INSPECTIONS SHALL NOT BE REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR THAT IS ENROLLED IN A NATIONALLY ACCEPTED INSPECTIONS PROGRAM ACCEPTABLE TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. AT COMPLETION OF FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO BUILDING OFFICIAL UPON REQUEST AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.	IBC 1705.2.1	CWI, ASNT, LICENSED ENGINEER

Pursuant to IBC Chapter 17 (1704.2.1) provide the following Special Inspector Qualifications to the RDPiRC prior to start of inspections;

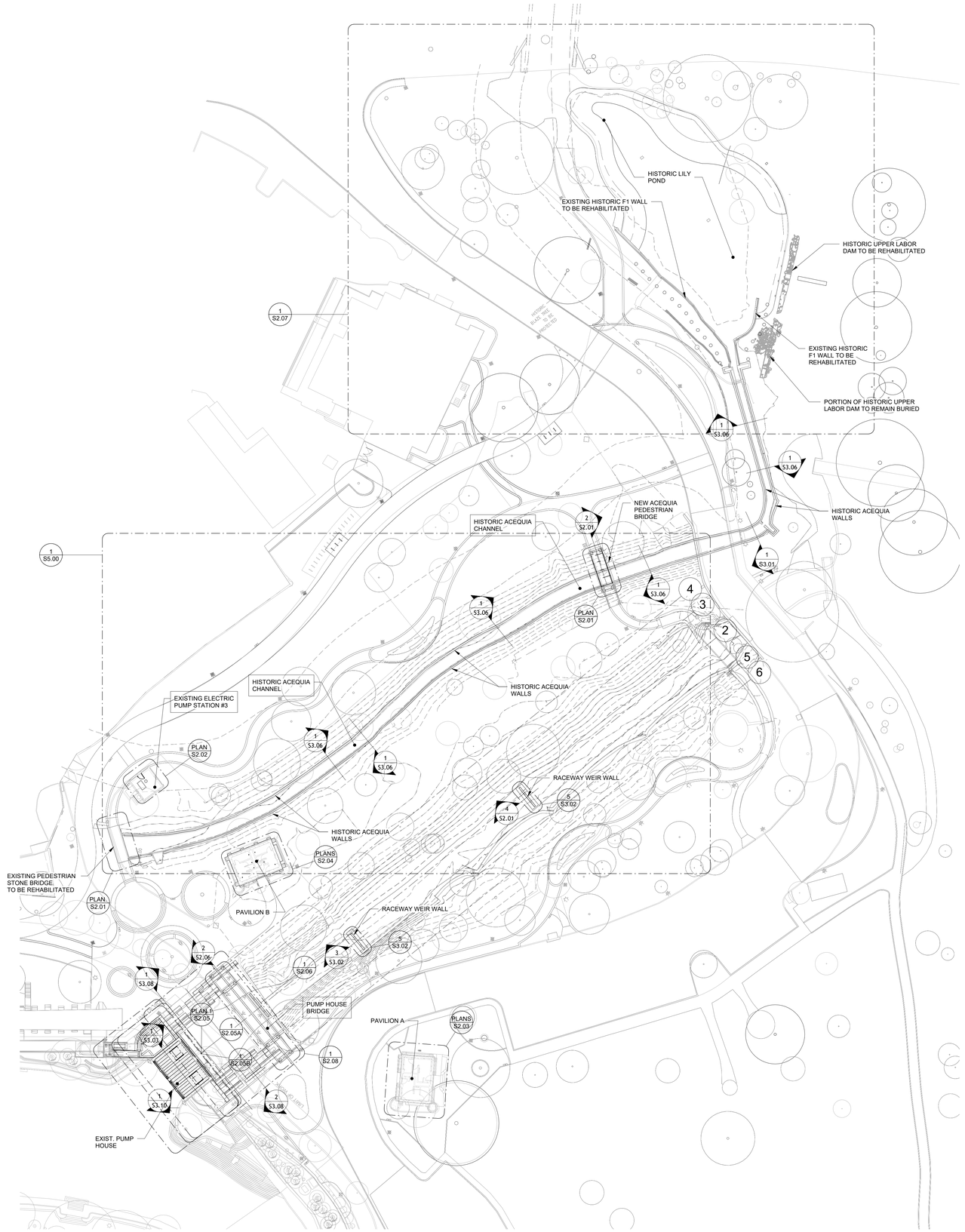
1. Testing Laboratory Qualifications meeting ASTM0329 and accreditation by AASHTO and/or A2LA, and CCRL of the National Bureau of Standards.
2. Special Inspector's name and proof of meeting the qualification requirements set forth in
   a. ASTM C1077 for concrete,
   b. ASTM D3740 for soils,
   c. ASTM C1093 for masonry.
   d. ASTM D-2922 and D-3017 for Density control of compaction

IBC 1704.2.1 "written documentation demonstrating the competence and relevant experience or training of special inspectors who will perform special inspections and tests during construction. Experience or training shall be considered relevant where the documented experience or training is related in complexity to the same type of special inspection or testing activities for projects of similar complexity and material qualities." These qualifications are in addition to qualifications specified in other sections of the IBC.

TESTING & INSPECTION REQUIREMENTS (INCLUDING SPECIAL INSPECTIONS)

REQUIRED INSPECTION VERIFICATION, OR TEST	***VERIFICATION MONITORING FREQUENCY***	***TYPE AND/OR FREQUENCY OF TESTING***	***IBC SECTION & REFERENCE CRITERIA***	***INSPECTOR QUALIFICATIONS***
1. SOILS (SLAB ON GRADE)		SITE PREPARATION	IBC 1705.6	
A. SUB-GRADE 1. VISUAL OBSERVATION	PERIODIC	AT THE CONTRACTORS EXPENSE, INSTRUMENT READINGS SHALL BE TAKEN BY A LICENSED SURVEYOR TO VERIFY FINAL SUBGRADE ELEVATIONS AND SLOPES.	GEOTECHNICAL REPORT, BUILDING PAD GENERAL NOTES	*QUALIFICATIONS BASED ON ASTM D3740 LICENSED SURVEYOR
2. PROOFROLLING OBSERVATIONS	CONTINUOUS	PROOFROLLING SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER SHALL BE APPROVE THE TYPE OF PROOFROLLING EQUIPMENT AND PROCEDURES.	GEOTECHNICAL REPORT, BUILDING PAD GENERAL NOTES	*QUALIFICATIONS BASED ON ASTM D3740
3. MOISTURE CONDITIONING & RECOMPACTION	CONTINUOUS OR PERIODIC	PROVIDE (1) ON DENSITY TEST FOR EACH 3000 SQ. FT. REFER TO UNDERFLOOR FILL NOTES FOR TESTING SPECIFICATIONS.	GEOTECHNICAL REPORT, BUILDING PAD GENERAL NOTES	*QUALIFICATIONS BASED ON ASTM D3740
B. CHEMICAL INJECTION	N/A	QUALITY CONTROLLED TESTING AND EVALUATION PRIOR AND SUBSEQUENT TO INJECTION SHALL BE PERFORMED BY THE GEOTECHNICAL ENGINEER TO DETERMINE THE EFFECTIVENESS OF THE CHEMICAL INJECTION PROCESS. THE GEOTECHNICAL ENGINEER OR HIS REPRESENTATIVE SHALL MONITOR THE INJECTION PROCESS TO VERIFY AREA COVERAGE, INJECTION DEPTH AND TO REVIEW AND MONITOR THE SWELL TEST RESULTS.	GEOTECHNICAL REPORT, BUILDING PAD GENERAL NOTES	*QUALIFICATIONS BASED ON ASTM D3740
C. DURING FILL PLACEMENT	CONTINUOUS OR PERIODIC	VISUAL OBSERVATIONS DURING PLACEMENT AND COMPACTION OF FILL. SPECIAL INSPECTOR SHALL DETERMINE THE MATERIAL BEING USED AND THE MAXIMUM LIFT THICKNESS COMPLY WITH ADDITIONAL SAMPLES TESTED EACH DAY, OR MORE OFTEN IF MATERIAL APPEARS TO VARY.	IBC 1705.6 GEOTECHNICAL REPORT, BUILDING PAD GENERAL NOTES	*QUALIFICATIONS BASED ON ASTM D3740
D. EVALUATION OF IN-PLACE DENSITY OF FILL	CONTINUOUS OR PERIODIC	PROVIDE (1) ON DENSITY TEST FOR EACH 3000 SQ. FT. REFER TO UNDERFLOOR FILL NOTES FOR TESTING SPECIFICATIONS.	IBC 1705.6 GEOTECHNICAL REPORT, BUILDING PAD GENERAL NOTES	*QUALIFICATIONS BASED ON ASTM D3740
E. TRENCH BACKFILLING:	CONTINUOUS OR PERIODIC	TRENCH BACKFILLING: TRENCH BACKFILLING WITH CLAY CAP AND PLACING OF CLAY PLUG SHALL BE MONITORED BY GEOTECHNICAL ENGINEER.		
2A. PILE FOUNDATIONS				
A. THE GEOTECHNICAL ENGINEER OR A QUALIFIED E.I.T. INVOLVED IN THE ORIGINAL GEOTECHNICAL INVESTIGATION AND UNDER THE DIRECT SUPERVISION OF THE GEOTECHNICAL ENGINEER SHALL BE PRESENT DURING THE EXCAVATION OF THE FIRST PILE.	N/A	1. VERIFY THE BEARING STRATUM IS ENCOUNTERED AT THE ANTICIPATED DEPTH. 2. ADDRESS UNFORESEEN SUBSURFACE CONDITIONS, IF ANY. 3. VERIFY CONFORMANCE WITH THE FOUNDATION RECOMMENDATIONS PROVIDE IN THE PROJECT "GEOTECHNICAL ENGINEERING STUDY" AND THE STRUCTURAL DRAWINGS ISSUED FOR THE PROJECT.	IBC 1705.7 GEOTECHNICAL REPORT;	GRADUATE ENGINEER *QUALIFICATIONS BASED ON ASTM E329 & ASTM C1077
B. ALL FOOTINGS SHALL BE OBSERVED AND MONITORED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL PROVIDE THE GEOTECHNICAL ENGINEER WITH A COMPLETE SET OF STRUCTURAL DRAWINGS THAT ARE TO REMAIN WITH THE GEOTECHNICAL ENGINEER OR HIS REPRESENTATIVE.	N/A	1. PROVIDE RECORD OF EACH PILE INSTALLED. 2. RECORD LOAD TESTS, CUTOFF AND TIP OF EACH PILE.	IBC 1705.7 GEOTECHNICAL REPORT;	*QUALIFICATIONS BASED ON ASTM E329 & ASTM C1077
2B. PIER FOUNDATIONS				
A. THE GEOTECHNICAL ENGINEER OR A QUALIFIED E.I.T. INVOLVED IN THE ORIGINAL GEOTECHNICAL INVESTIGATION AND UNDER THE DIRECT SUPERVISION OF THE GEOTECHNICAL ENGINEER SHALL BE PRESENT DURING THE EXCAVATION OF THE FIRST PIER SHAFT.	CONTINUOUS	1. VERIFY THE BEARING STRATUM IS ENCOUNTERED AT THE ANTICIPATED DEPTH. 2. ADDRESS UNFORESEEN SUBSURFACE CONDITIONS, IF ANY. 3. VERIFY CONFORMANCE WITH THE FOUNDATION RECOMMENDATIONS PROVIDE IN THE PROJECT "GEOTECHNICAL ENGINEERING STUDY" AND THE STRUCTURAL DRAWINGS ISSUED FOR THE PROJECT.	IBC 1705.8 GEOTECHNICAL REPORT;	GRADUATE ENGINEER *QUALIFICATIONS BASED ON ASTM E329 & ASTM C1077
B. ALL FOOTINGS SHALL BE OBSERVED AND MONITORED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL PROVIDE THE GEOTECHNICAL ENGINEER WITH A COMPLETE SET OF STRUCTURAL DRAWINGS THAT ARE TO REMAIN WITH THE GEOTECHNICAL ENGINEER OR HIS REPRESENTATIVE.	CONTINUOUS	1. PROVIDE RECORD OF EACH PIER INSTALLED. 2. RECORD LOAD TESTS, CUTOFF AND TIP OF EACH PIER.	IBC 1705.8 GEOTECHNICAL REPORT;	*QUALIFICATIONS BASED ON ASTM E329 & ASTM C1077
3. CONCRETE CONSTRUCTION				
A. REINFORCING STEEL	PERIODIC	PROVIDE PERIODIC INSPECTION OF REINFORCING SIZES, SPACING, GRADE OF REBAR, AND PLACEMENT AT THE FOLLOWING FREQUENCY: FOOTINGS: 10% BEAMS: 30% JOIST: 10% OTHER MEMBERS: RANDOMLY @ 20%	IBC 1705.3 ACI 318: CH. 3.5, 7.1-7.7; CRSI MANUAL AND REINFORCING GENERAL NOTES.	*QUALIFICATIONS BASED ON ASTM E329
B. REINFORCING STEEL WELDING	N/A	NO FIELD WELDING PERMITTED.	AWS D1.4 ACI 318: 3.5.2	CWI OR ASSOCIATE CWI
C. BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO & DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED.	CONTINUOUS	VERIFY LOCATION, SIZE AND SPACING OF ANCHORS.	IBC 1705.3	**TECHNICIAN TRAINED IN FIELD OF WORK AND HAS AT LEAST ONE YEAR EXPERIENCE.
D. ANCHORS TO BE INSTALLED IN EXISTING CONCRETE	CONTINUOUS	VERIFY LOCATION, SIZE AND SPACING OF ANCHORS.	IBC 1705.3	**TECHNICIAN TRAINED IN FIELD OF WORK AND HAS AT LEAST ONE YEAR EXPERIENCE.
E. VERIFY USE OF CONCRETE MIX DESIGN	PERIODIC	EACH CONCRETE POUR.	ACI 318-CH. 4, 5.2-5.4	*QUALIFICATIONS BASED ON ASTM C1077
F. SAMPLING OF FRESH CONCRETE.	CONTINUOUS EACH CONCRETE POUR.	1. ALL CONCRETE TESTING IS TO BE MADE AFTER WATER, IF ANY, IS ADDED AT SITE. 2. TAKE SAMPLES & PERFORM SLUMP, AIR & COMPRESSION TESTS IN ACCORDANCE WITH ASTM C-39 ON CONCRETE PLACED EACH DAY AT THE RATE OF ONNE SET OF FOUR CYLINDERS FOR EACH 80 cu. yds. OR FRACTION THEREOF. WHEN MORE THAN 80 cu. yds. IS BEING CONTINUOUSLY PLACED, THE INTERVAL BETWEEN TEST SAMPLES SHALL BE AT LEAST 50 cu. yds. SO AS TO BE REPRESENTATIVE OF THE WHOLE DAYS POUR. SAMPLES SHALL BE TAKEN AT THE THE POINT TO DEPOSIT IN THE FIELD & ALL CYLINDERS SHALL BE MARKED WITH THE DATE OF THE POUR, MIX DESIGN NUMBER & EXACT LOCATION IN THE STRUCTURE FROM WHICH THEY CAME. MAKE 7-DAY TEST ON TWO CYLINDERS & 28-DAY TEST ON TWO CYLINDERS. REPORST OF TESTS SHALL BE PROMPTLY SENT AS FOLLOWS: TWO TO THE PD/PRC (ARCHITECT), ONE TO THE ENGINEER AND ONE TO THE CONTRACTOR.	ACI 318-CH. 5.6, 5.8	*QUALIFICATIONS BASED ON ASTM C1077

BRACKENRIDGE PARK
**PHASE 2 - UPPER LABOR, ACEQUIA, AND PUMP HOU



SITE PLAN
SCALE : 1" = 30'-0"

STUCTRUAL SITE PLAN NOTES:

1. HISTORIC ACEQUIA WALLS & CHANNEL TO BE PRESERVED/REPAIRED/REBUILT.
2. NEW CONTECH PEDESTRIAN BRIDGE (BY OTHERS) W/ NEW CONCRETE ABUTMENTS/FOOTINGS BY LFE.
3. EXISTING MAINTENANCE/UTILITY BUILDING TO BE REPAIRED & RENOVATED.
4. EXISTING RETORTATION BUILDING TO BE RENOVATED.
5. EXISTING PUMP HOUSE STRUCTURE TO BE REPAIRED/RENOVATED/RESTORED.

BRACKENRIDGE PARK

PHASE 2 - UPPER LABOR, ACEQUIA, AND PUMP HOUSE

SAN ANTONIO, TX

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SHAWN J. FRANKE P.E.
TEXAS REG. NO. 82639
DATE:MAY 30, 2025

Revisions

Date
30 MAY 2025
Phase
95% CONSTRUCTION DOCUMENTS
Job Number
CNOS701

Scale **North**

Drawing Title

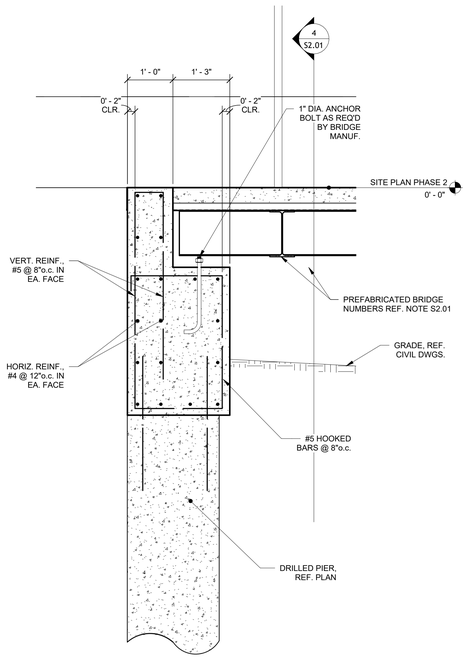
SITE PLAN

Drawing Number

S2.00

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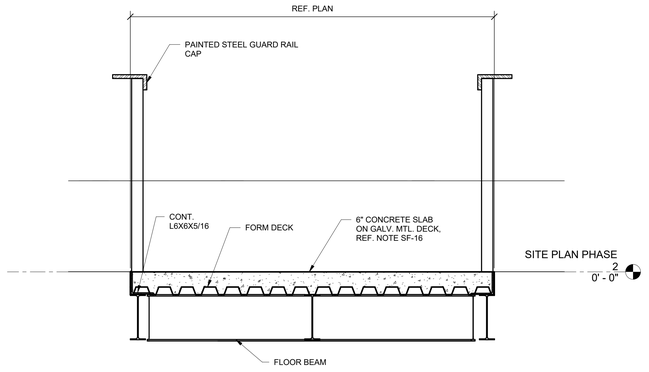
LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25



ABUTMENT PED BRIDGE 1

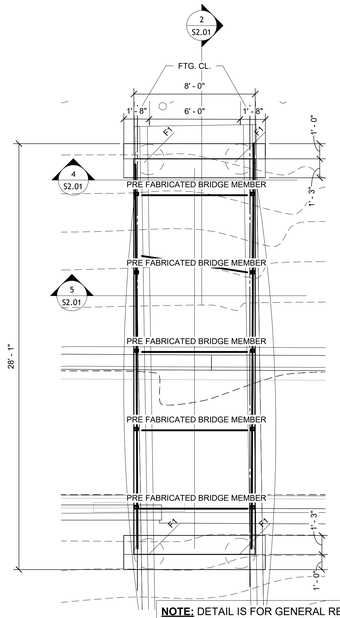
2 3/4" = 1'-0"

LAYOUT SHOWN BASED ON BRIDGE ENGINEERS DETAILS. REFER TO BRIDGE SHOP DRAWINGS. FOR INTENT PURPOSES ONLY.



ACEQUIA BRIDGE BRIDGE SECTION

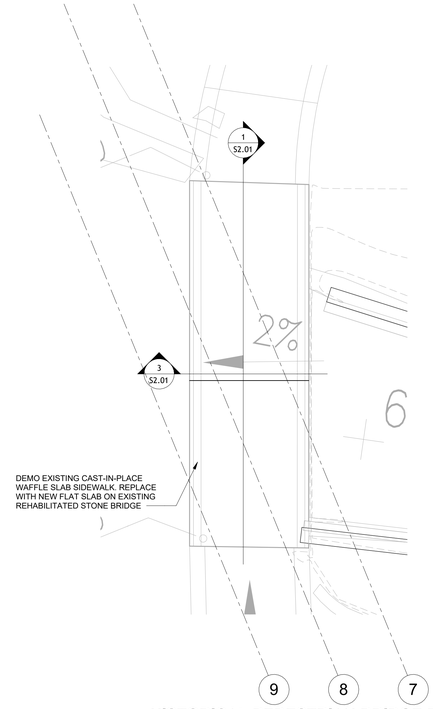
5 3/4" = 1'-0"



NOTE: DETAIL IS FOR GENERAL REFERENCE ONLY. BRIDGE IS TO BE A PRE-FABRICATED SYSTEM AS NOTED IN THE SPECIFICATIONS.

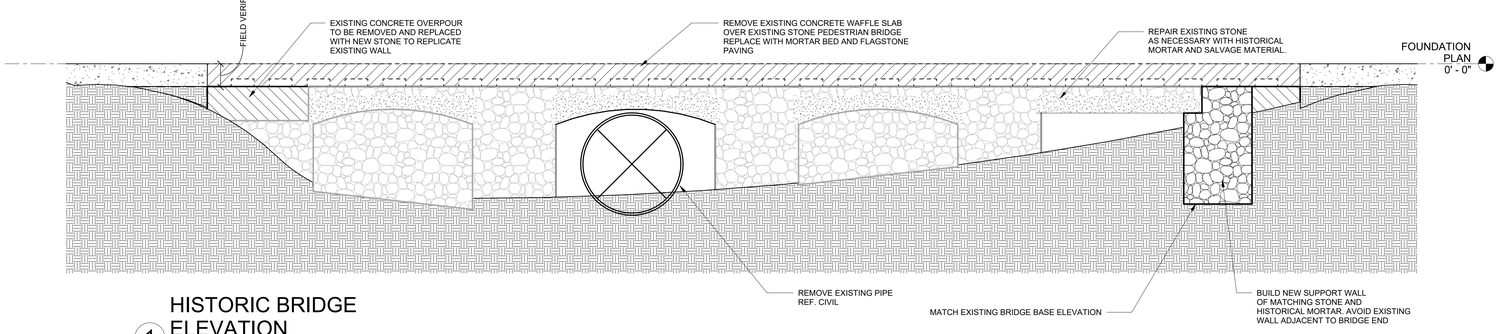
PEDESTRIAN BRIDGE PLAN @ ACEQUIA

SCALE : 1/4" = 1'-0"



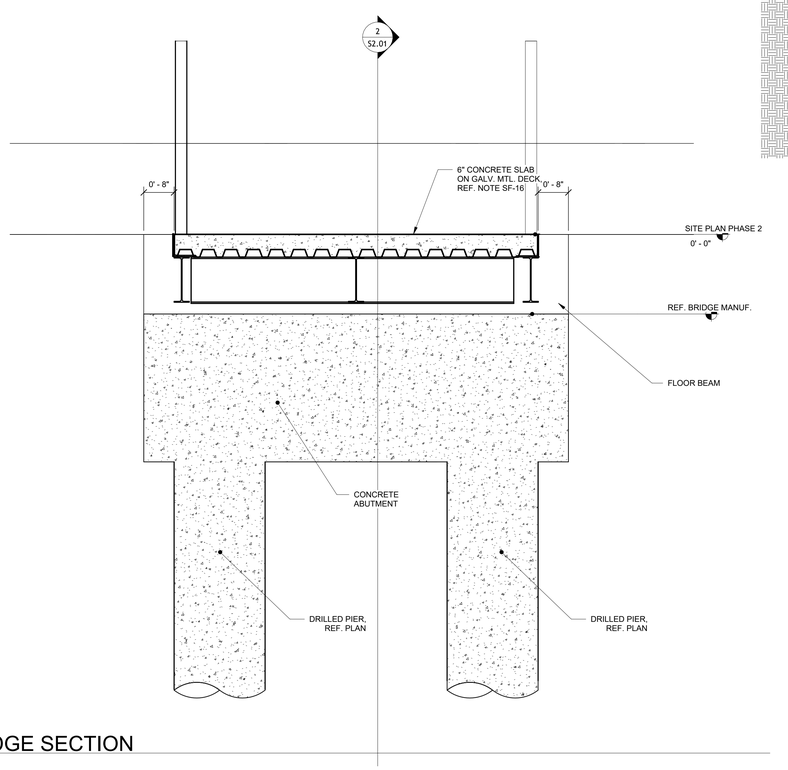
HISTORICAL PEDESTRIAN BRIDGE PLAN

SCALE : 1/4" = 1'-0"



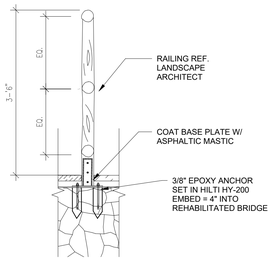
HISTORIC BRIDGE ELEVATION

1 3/4" = 1'-0"



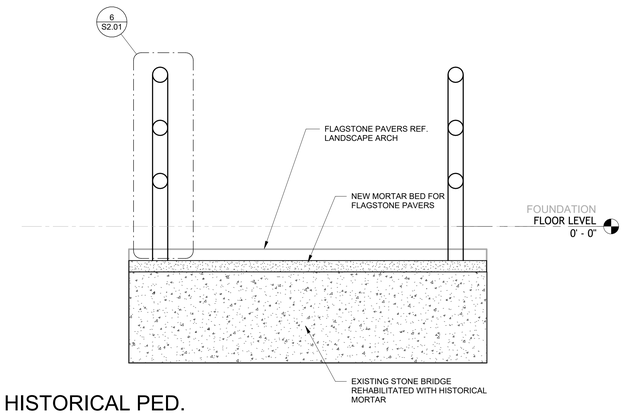
BRIDGE SECTION

4 3/4" = 1'-0"



POST AT HISTORIC BRIDGE ACEQUIA

6 3/4" = 1'-0"



HISTORICAL PED. BRIDGE SECTION

3 3/4" = 1'-0"

BRACKENRIDGE PARK

PHASE 2 - UPPER LABOR, ACEQUIA, AND PUMP HOUSE

SAN ANTONIO, TX

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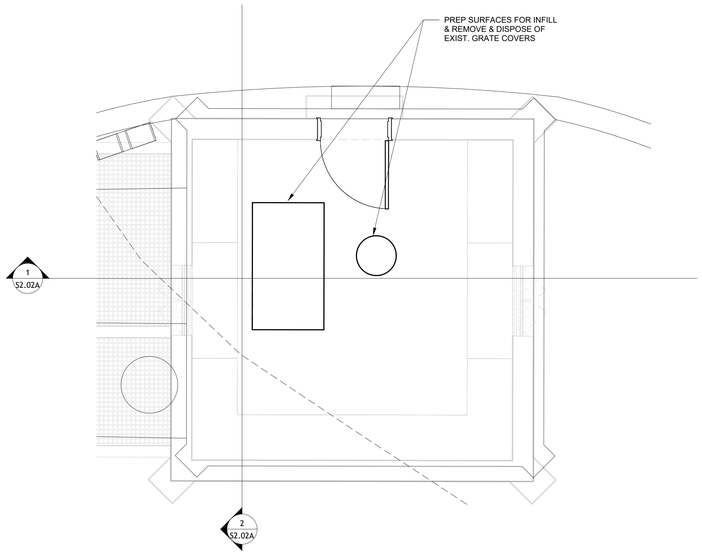
Scale **North**

Drawing Title
PEDESTRIAN BRIDGES

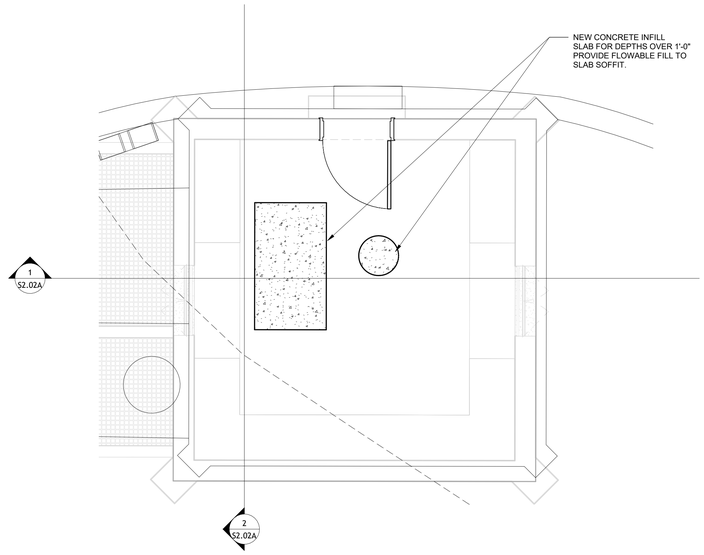
Drawing Number
S2.01

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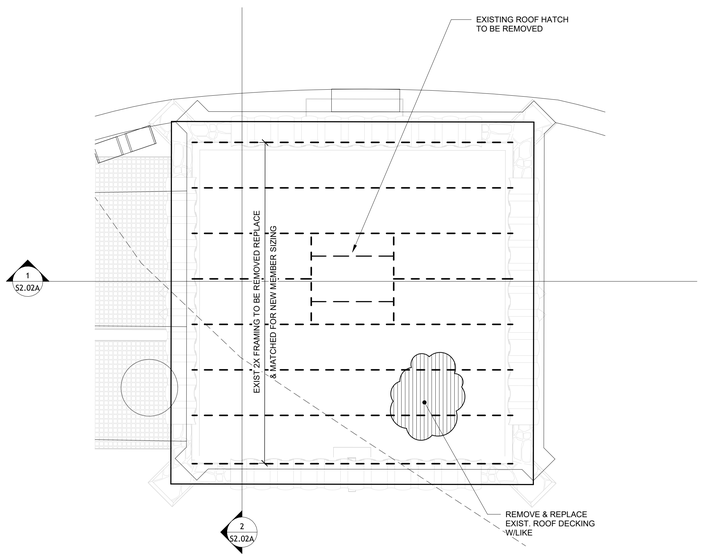
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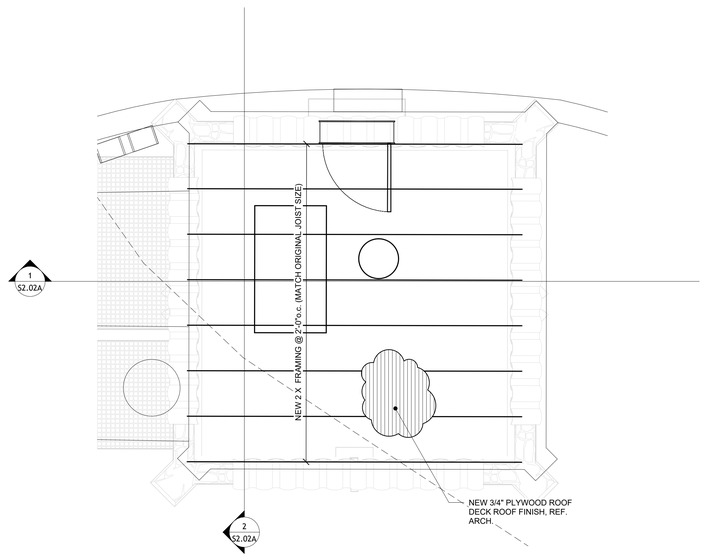
DEMO ELEC. PUMP STAT. #3 FOUNDATION PLAN
SCALE : 3/8" = 1'-0"



ELEC. PUMP STAT. #3 FOUNDATION PLAN
SCALE : 3/8" = 1'-0"



DEMO ELEC. PUMP STAT. #3 ROOF PLAN
SCALE : 3/8" = 1'-0"



ELEC. PUMP STAT. #3 ROOF PLAN
SCALE : 3/8" = 1'-0"

LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25

BRACKENRIDGE PARK

PHASE 2 - UPPER LABOR, ACEQUIA, AND PUMP HOUSE

SAN ANTONIO, TX

CLIENT:
CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT (TCI)
PO BOX 839966, SAN ANTONIO TX
78283-3966

Landscape Architect

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TEXAS REG. NO. 82639
DATE:MAY 30, 2025

Revisions

Date
30 MAY 2025
Phase
95% CONSTRUCTION DOCUMENTS
Job Number
CNOS701

Scale **North**

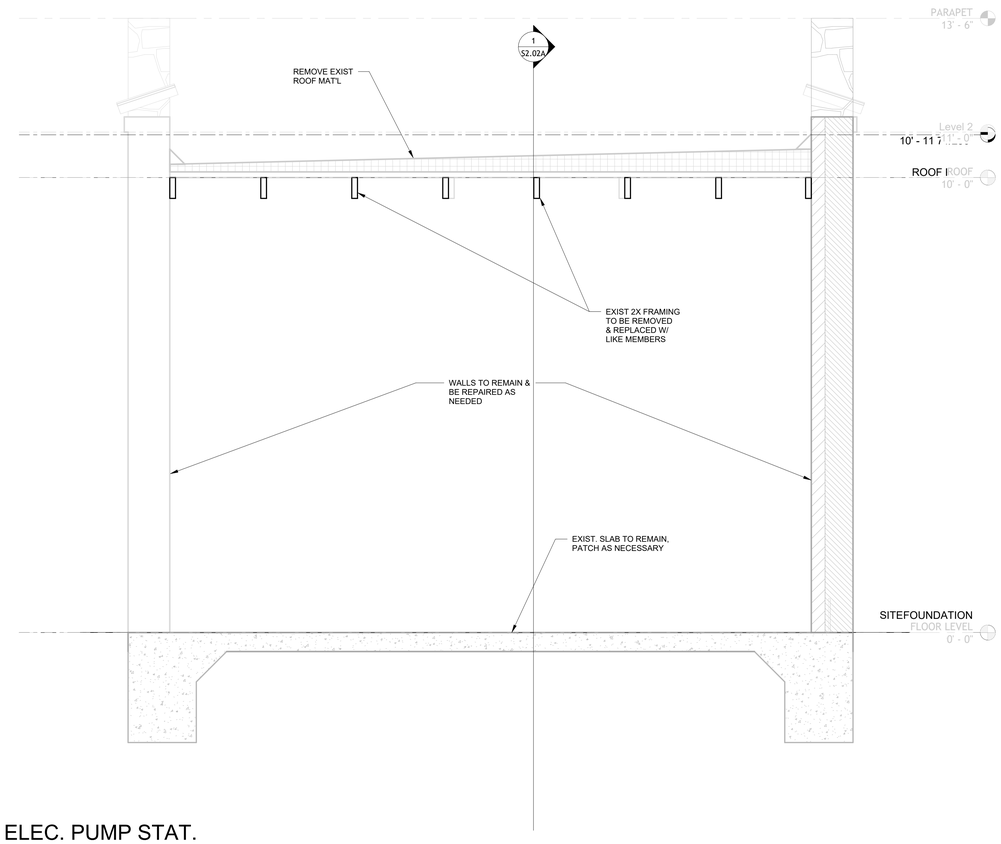
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ELECTRICAL BUILDING #3

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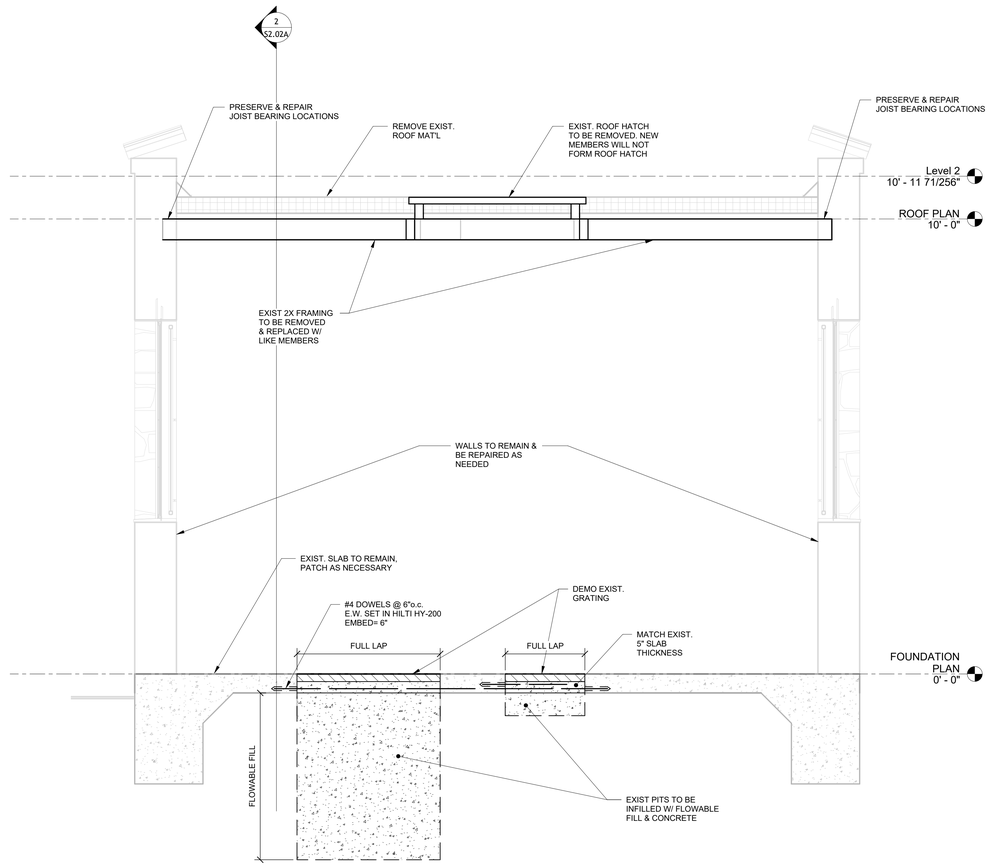
S2.02

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ELEC. PUMP STAT.
#3 SECTION DEMO

2 3/4" = 1'-0"



ELEC. PUMP STAT.
#3 SECTION DEMO

1 3/4" = 1'-0"

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Scale North

Drawing Title

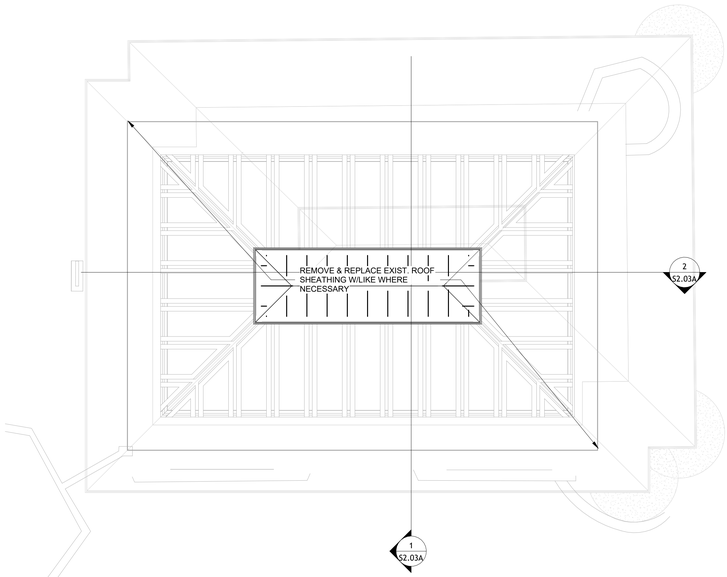
ELECTRICAL BUILDING
#3 SECTIONS

Drawing Number

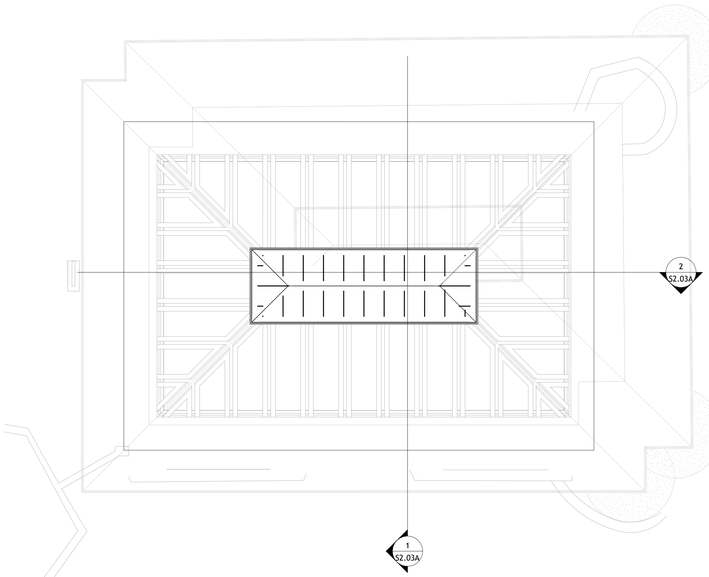
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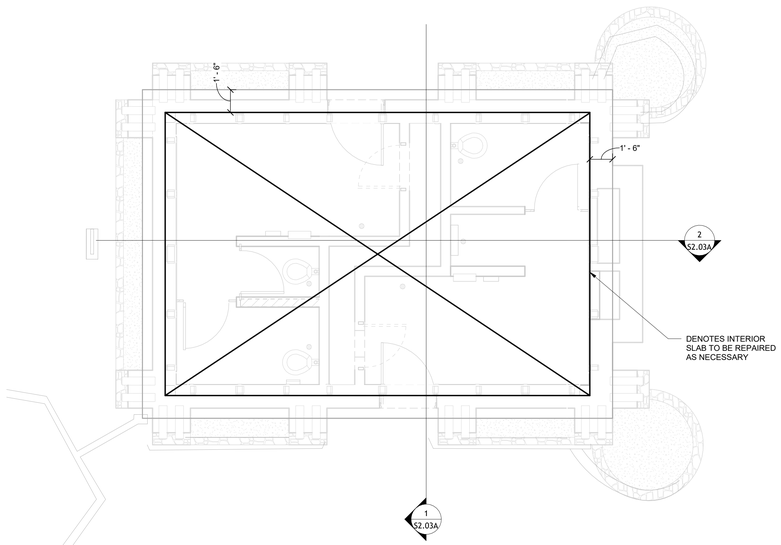
LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25



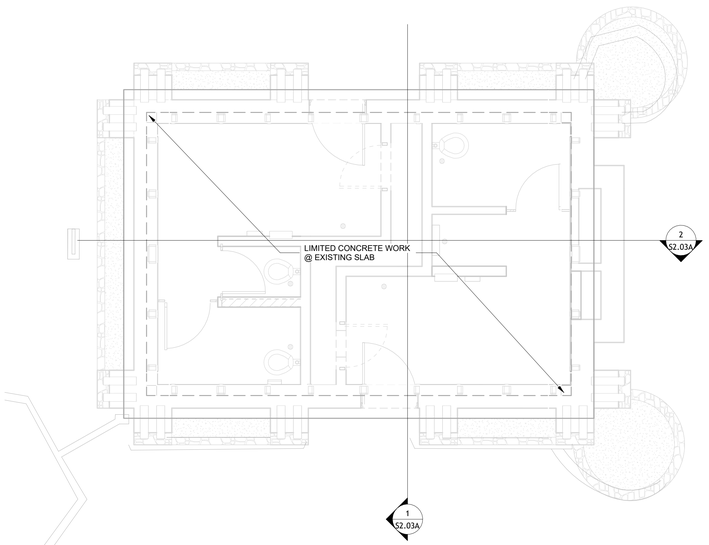
DEMO PAVILION A ROOF PLAN
SCALE : 1/4" = 1'-0"



PAVILION A ROOF PLAN
SCALE : 1/4" = 1'-0"



DEMO PAVILION A FOUNDATION PLAN
SCALE : 1/4" = 1'-0"



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PAVILION A FOUNDATION PLAN
SCALE : 1/4" = 1'-0"

LA PROJECT NO.: 03-257-00
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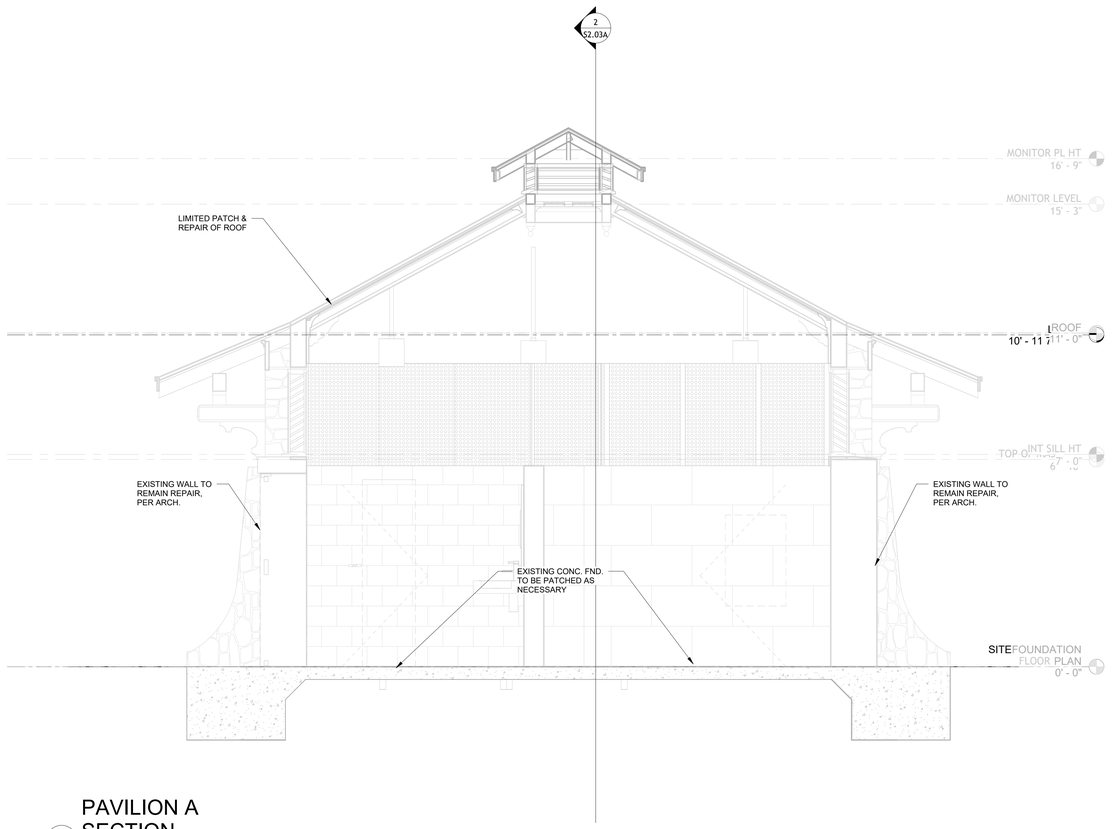
Date
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Phase
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Job Number
CNOS701

Scale **North**

Drawing Title
PAVILION A

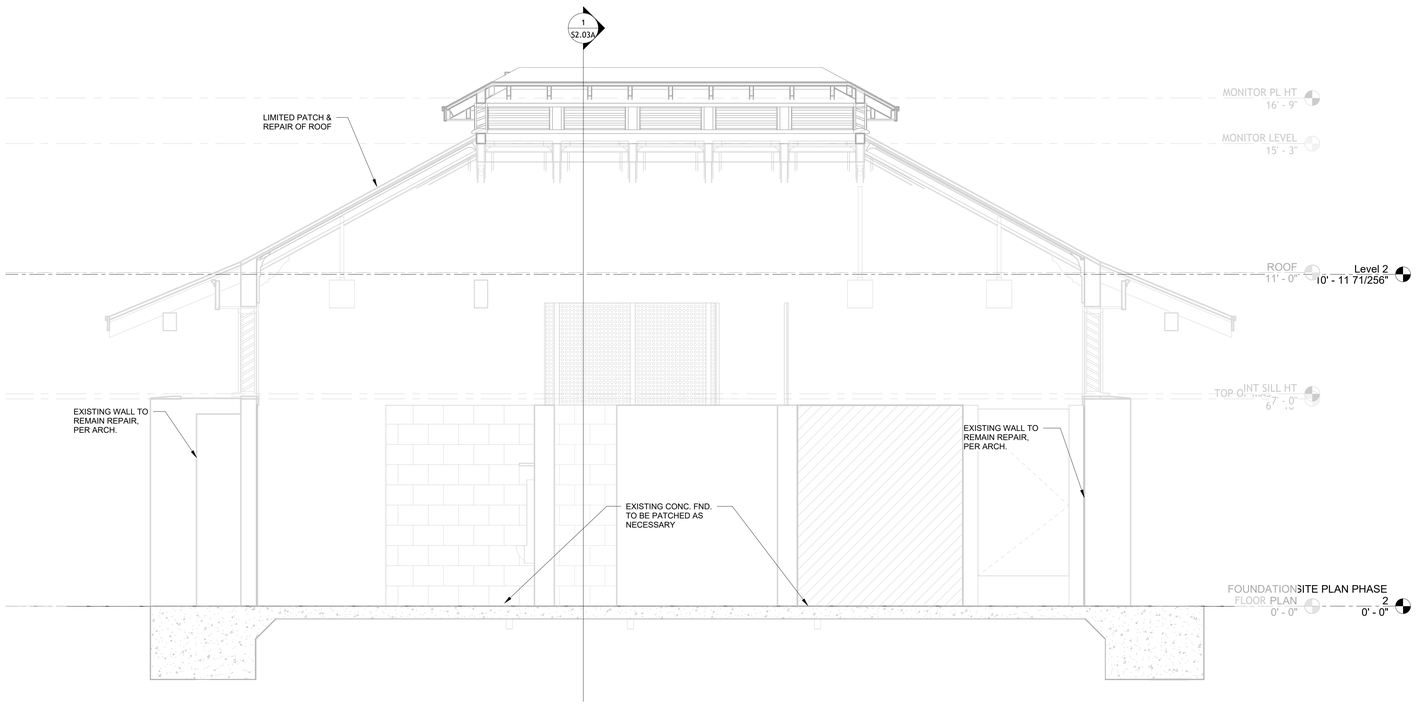
Drawing Number
S2.03

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PAVILION A
SECTION

1 1/2" = 1'-0"



PAVILION A
SECTION

2 1/2" = 1'-0"

LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25

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Scale North

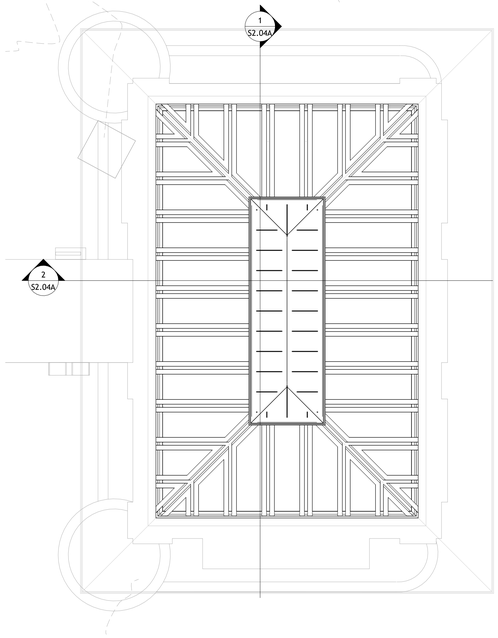
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PAVILION A SECTIONS

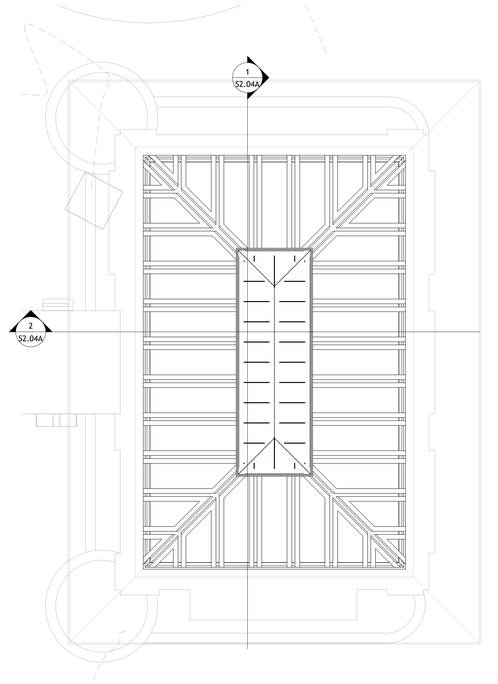
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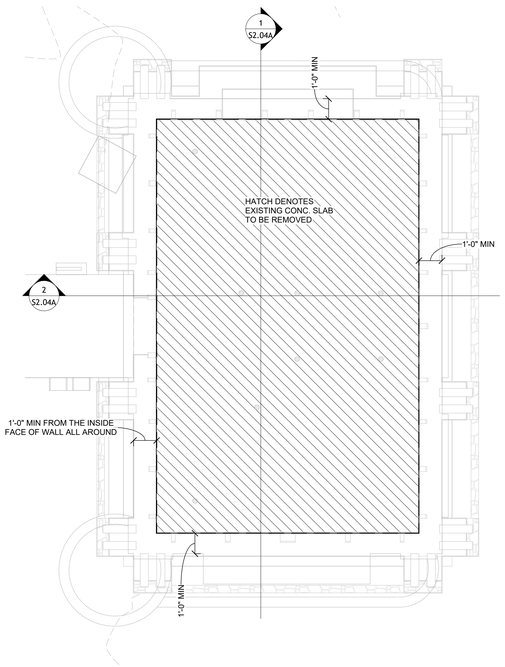
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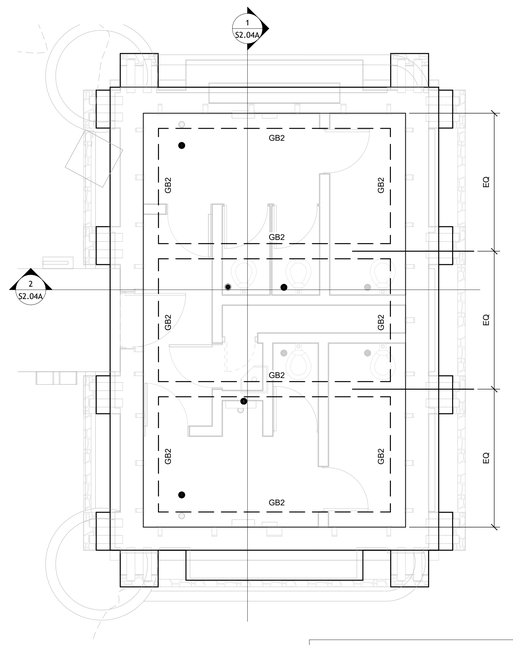
DEMO PAVILION B ROOF PLAN
SCALE : 1/4" = 1'-0"



PAVILION B ROOF PLAN
SCALE : 1/4" = 1'-0"



DEMO PAVILION B FOUNDATION PLAN
SCALE : 1/4" = 1'-0"



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PAVILION B FOUNDATION PLAN
SCALE : 1/4" = 1'-0"

LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25

BRACKENRIDGE PARK
PHASE 2 - UPPER LABOR, ACEQUIA, AND PUMP HOUSE

SAN ANTONIO, TX

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Scale **North**

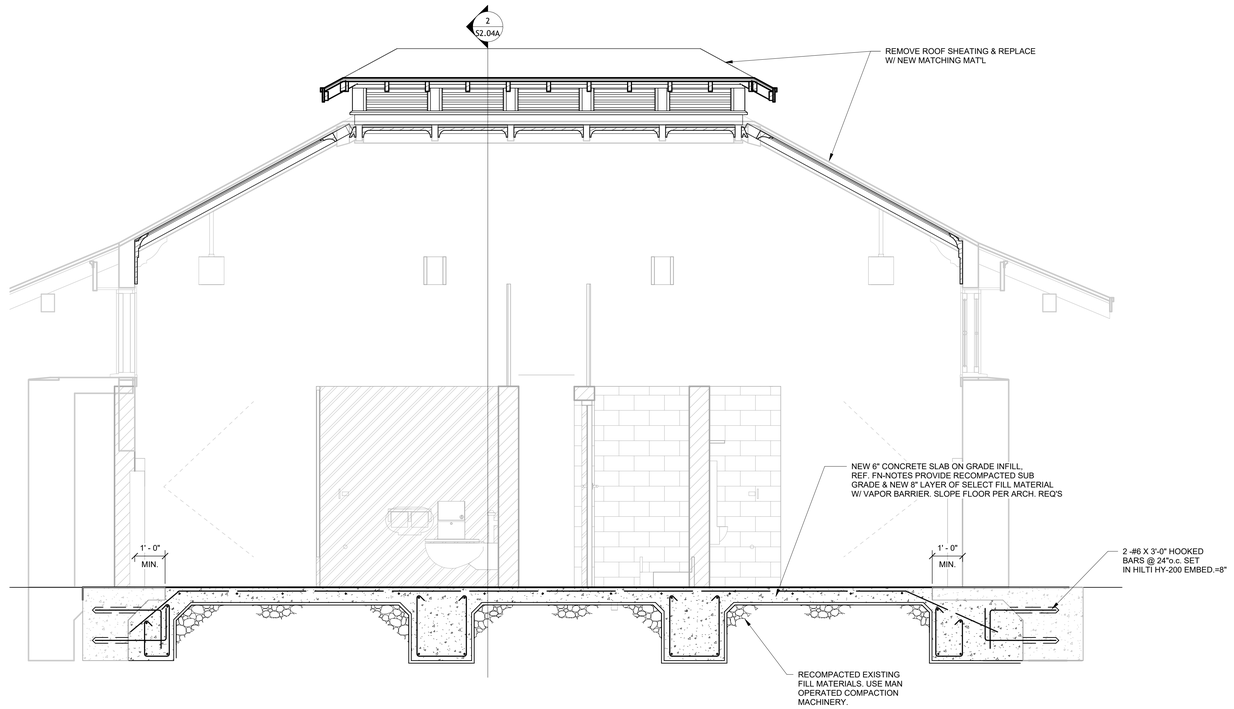
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PAVILION B

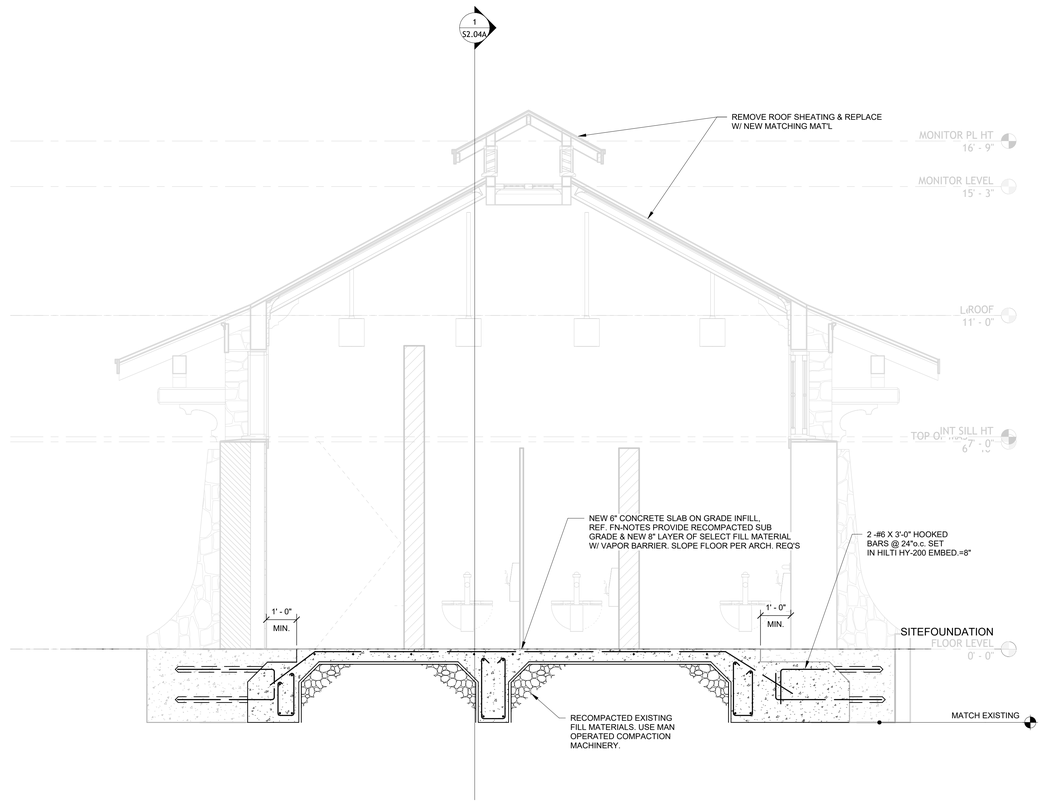
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S2.04

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PAVILION B
SECTION
1 1/2" = 1'-0"



PAVILION B
SECTION
2 1/2" = 1'-0"

LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25

BRACKENRIDGE PARK

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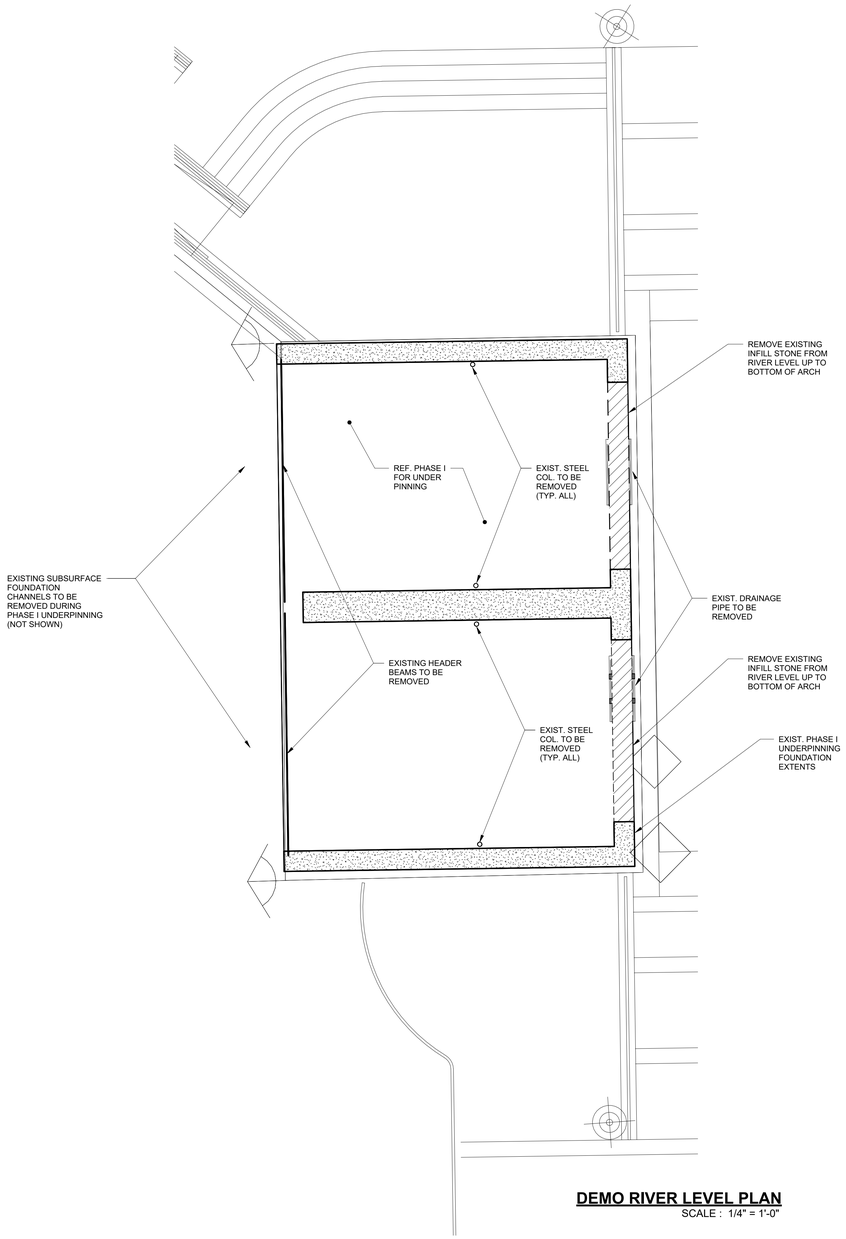
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PAVILION B SECTIONS

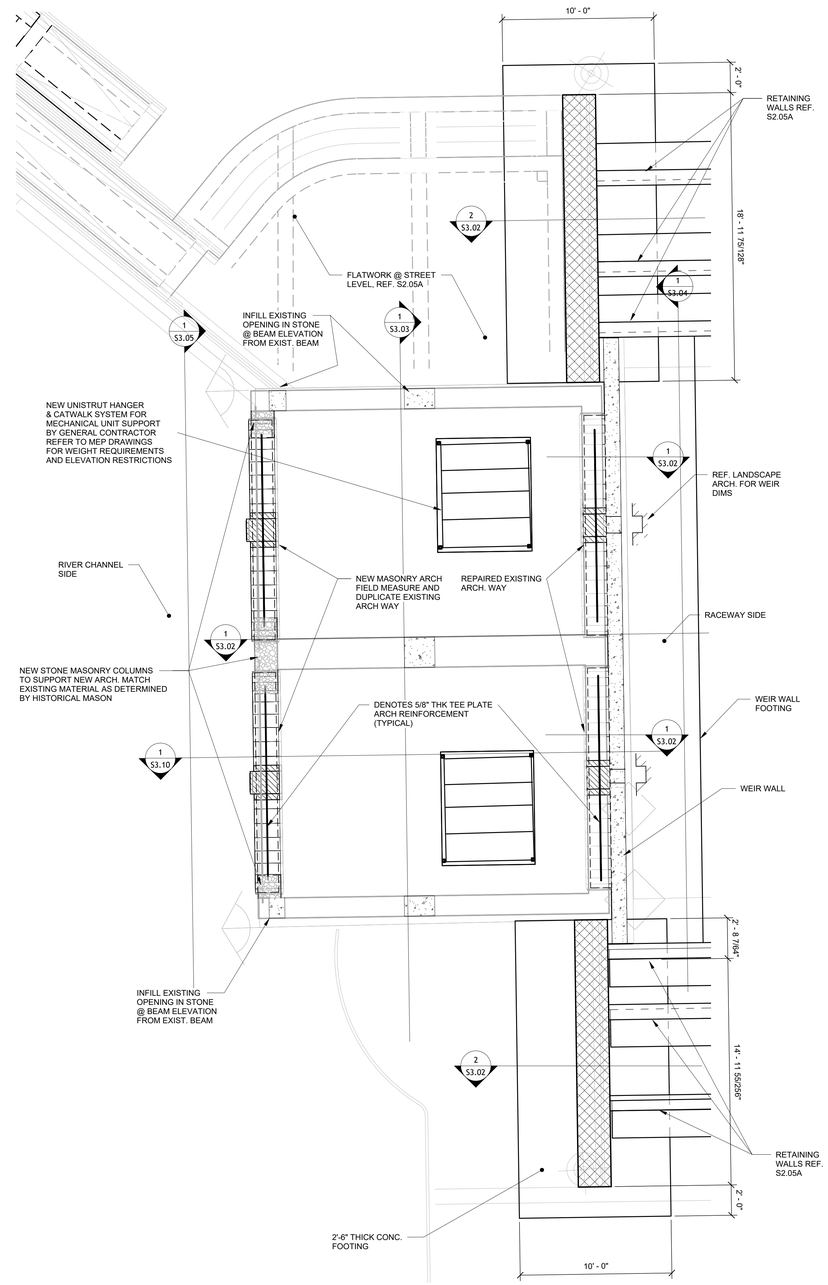
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S2.04A

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DEMO RIVER LEVEL PLAN
SCALE : 1/4" = 1'-0"



RIVER LEVEL PLAN
SCALE : 1/4" = 1'-0"

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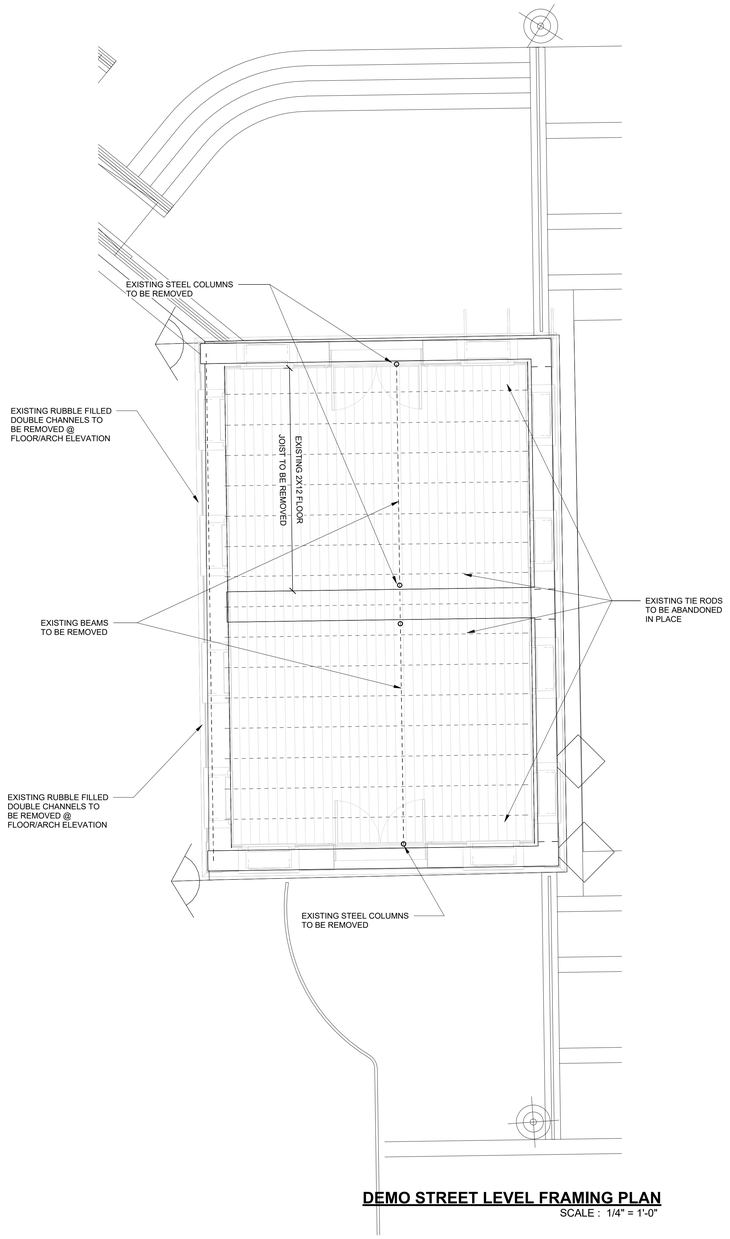
PUMP HOUSE RIVER LEVEL

Drawing Number

S2.05

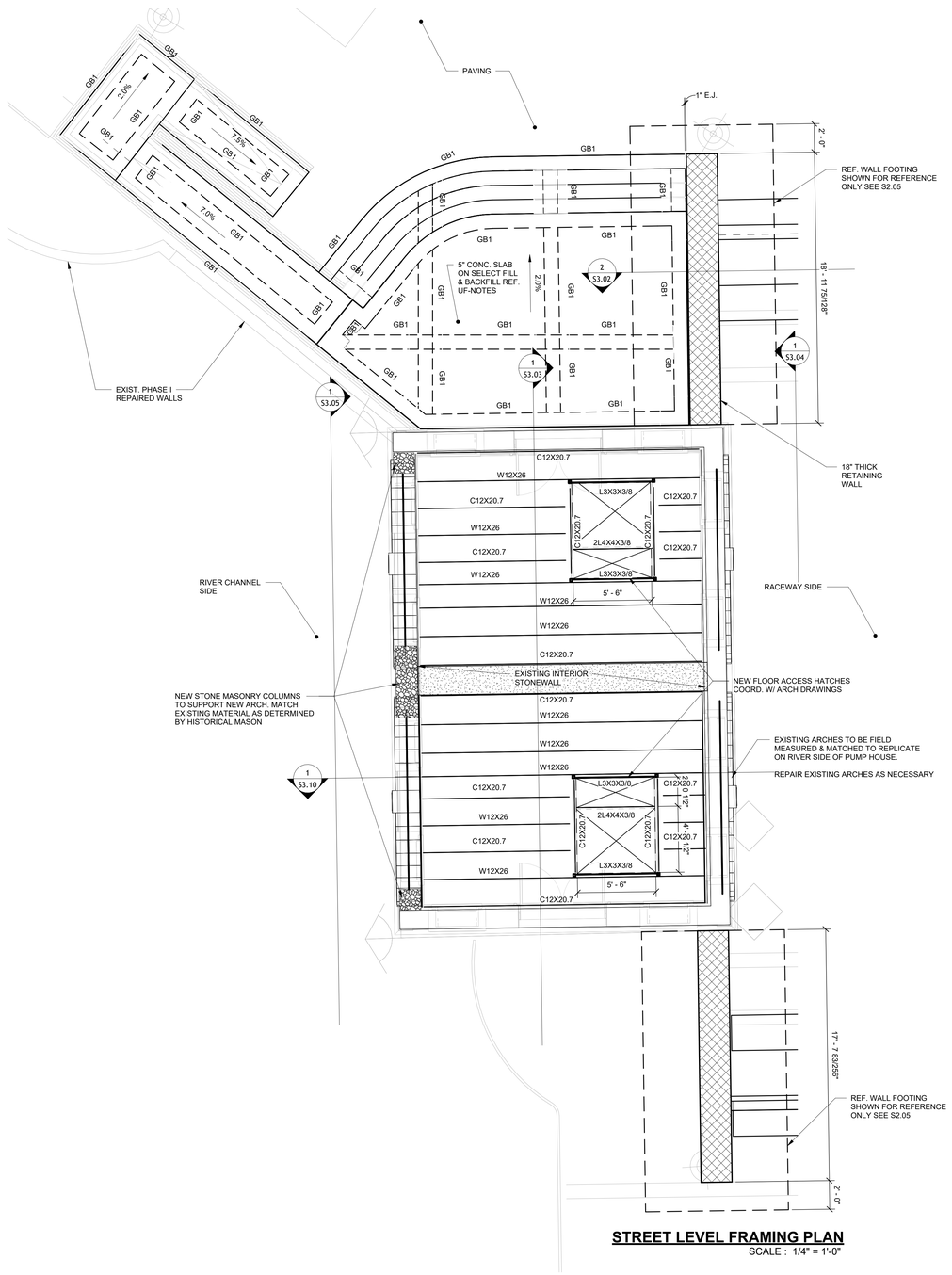
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LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25



DEMO STREET LEVEL FRAMING PLAN

SCALE : 1/4" = 1'-0"



STREET LEVEL FRAMING PLAN

SCALE : 1/4" = 1'-0"

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DATE:MAY 30, 2025

Revisions

Date
30 MAY 2025

Phase
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Job Number
CNOS701

Scale **North**

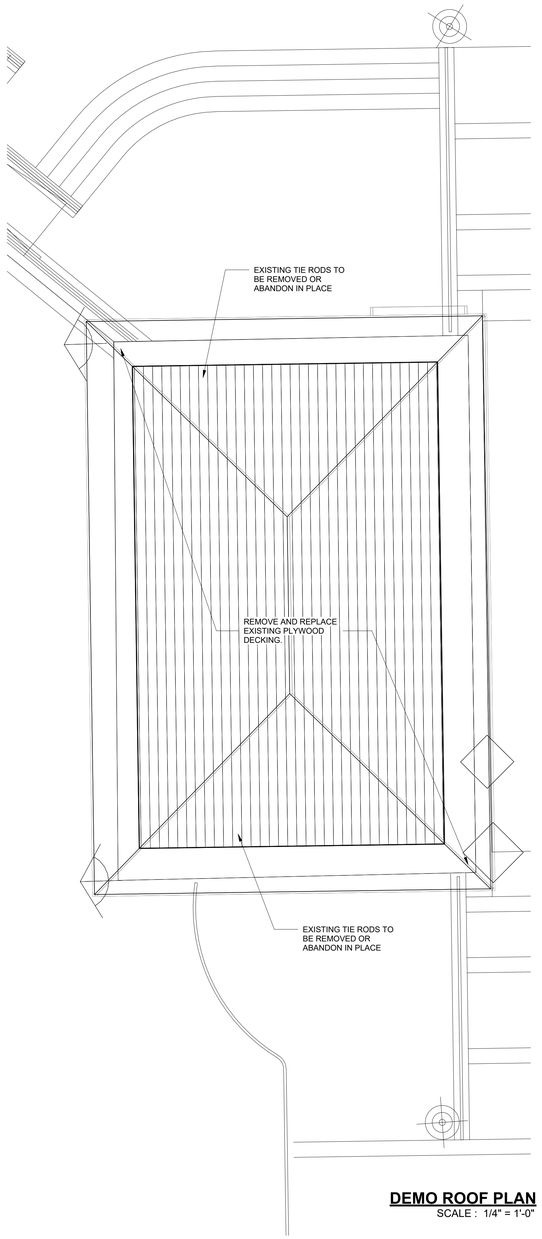
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PUMP HOUSE STREET LEVEL

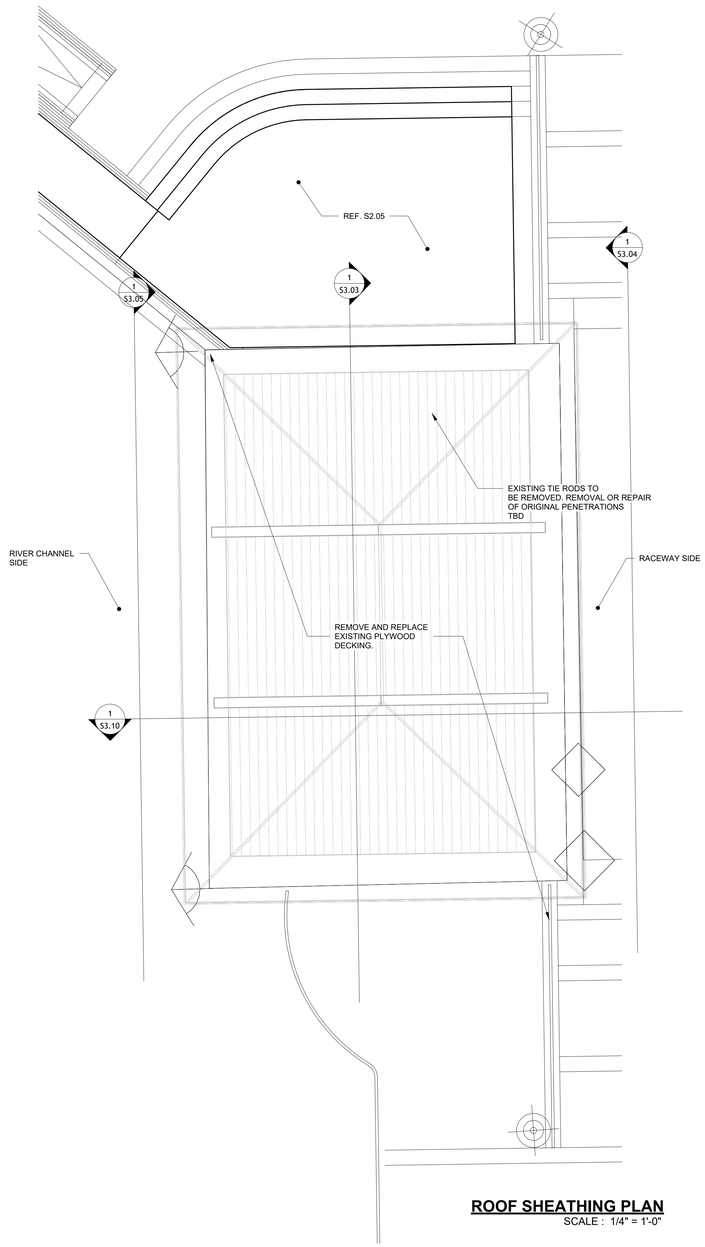
Drawing Number

S2.05A

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DEMO ROOF PLAN
SCALE : 1/4" = 1'-0"



ROOF SHEATHING PLAN
SCALE : 1/4" = 1'-0"

BRACKENRIDGE PARK
PHASE 2 - UPPER LABOR, ACEQUIA, AND PUMP HOUSE

SAN ANTONIO, TX

CLIENT:
CITY OF SAN ANTONIO
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Scale **North**

Drawing Title

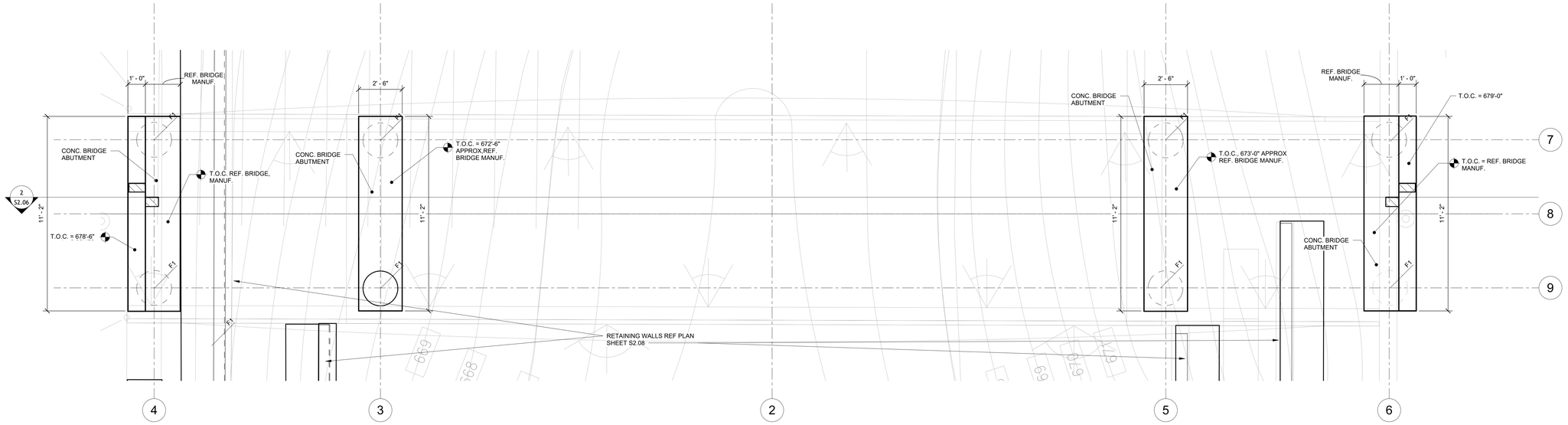
PUMP HOUSE ROOF

Drawing Number

S2.05B

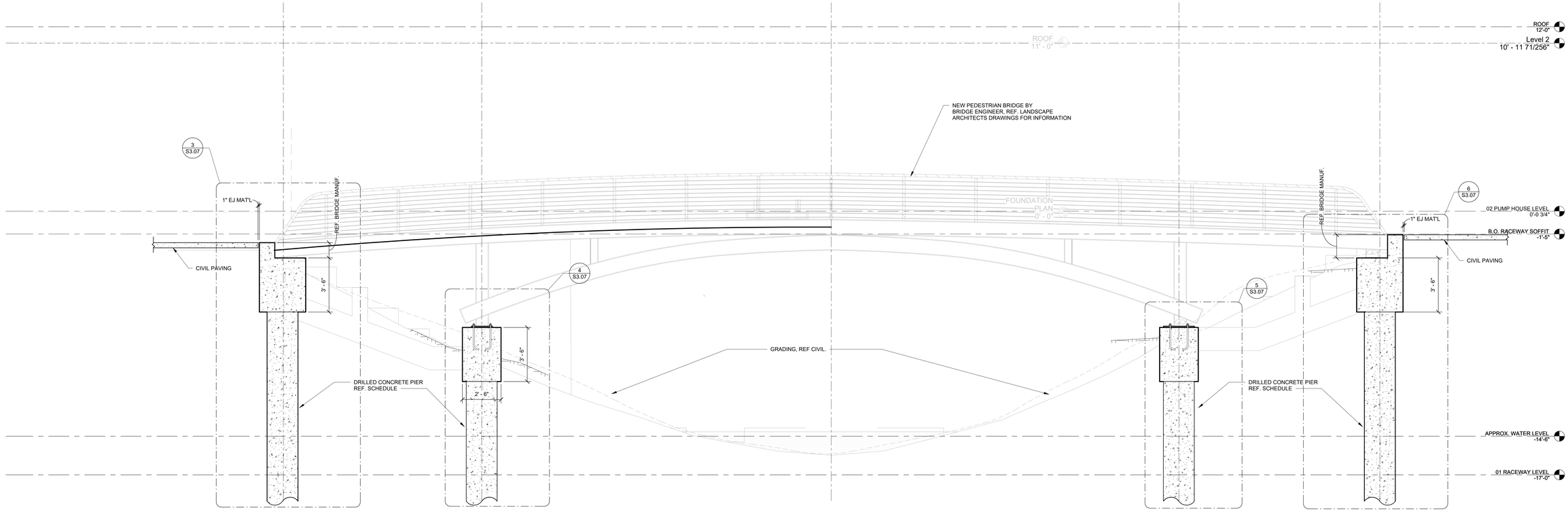
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LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25



LARGE PEDESTRIAN BRIDGE FOUNDAITON PLAN

SCALE : 3/8" = 1'-0"



2 BRIDGE SECTION

3/8" = 1'-0"

LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25

BRACKENRIDGE PARK

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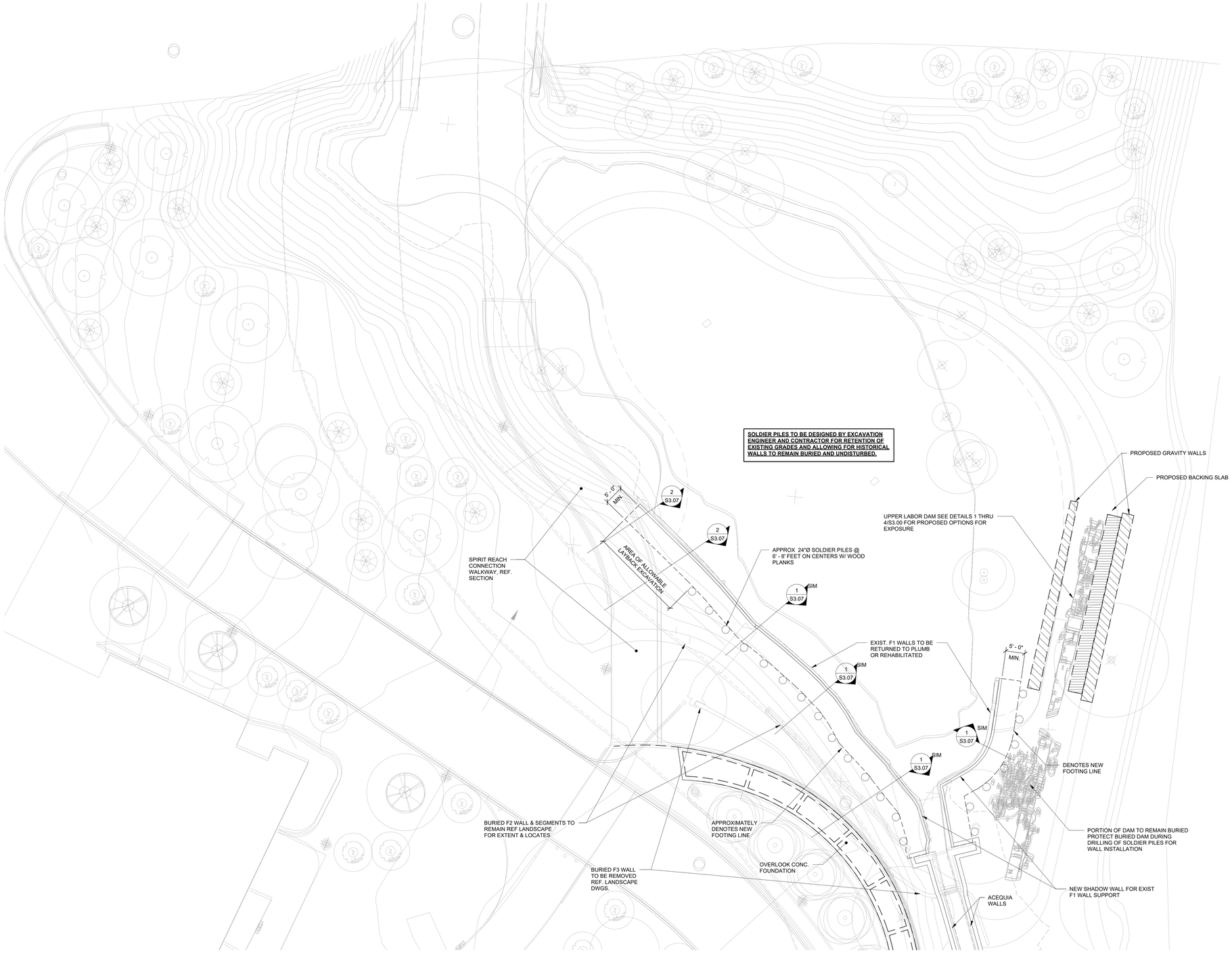
Drawing Title

LARGE PEDESTRIAN BRIDGE

Drawing Number

S2.06

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LILY POND AND UPPER LABOR DAM ENLARGED SITE PLAN

SCALE : 3/32" = 1'-0"

LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25

BRACKENRIDGE PARK

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Scale **North**

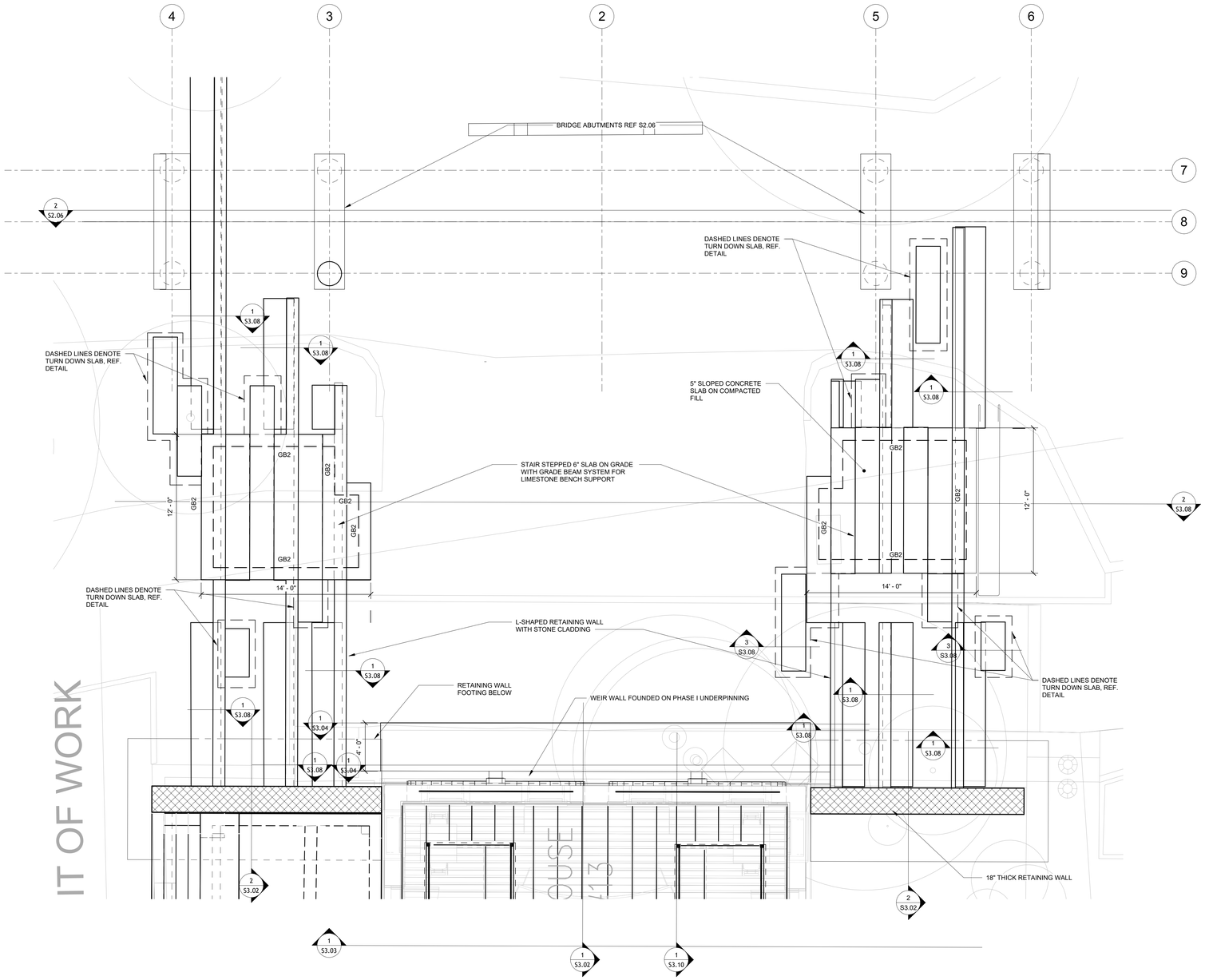
Drawing Title

LILY POND AND UPPER LABOR DAM

Drawing Number

S2.07

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LARGE PEDESTRIAN BRIDGE FOUNDAITON PLAN

SCALE : 1/4" = 1'-0"

LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25

BRACKENRIDGE PARK

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Scale North

Drawing Title

RACEWAY RETAINING WALLS AT PUMP HOUSE

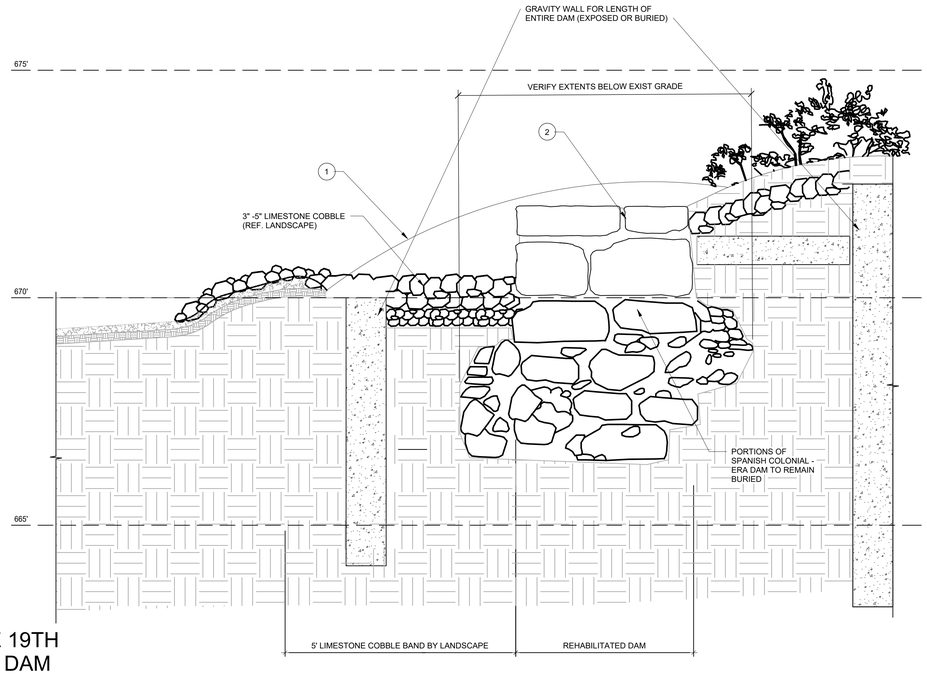
Drawing Number

S2.08

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1. EXPOSE PORTIONS OF 19TH CENT. DAM TO EXTENT AS NOTED BY LANDSCAPE DWGS.
2. STABILIZE EXISTING EXPOSED DAM WITH HISTORIC GRADE MORTAR (REF. SPEC)
3. GRADE & LINE DAM & AREA PER LANDSCAPE DWGS.

NOTE: STABILIZATION DOES NOT STRENGHTEN WALL



STABILIZE 19TH CENTURY DAM WALL W/ HISTORIC MORTAR

1 3/4" = 1'-0"

BRACKENRIDGE PARK

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Scale **North**

Drawing Title

SECTIONS

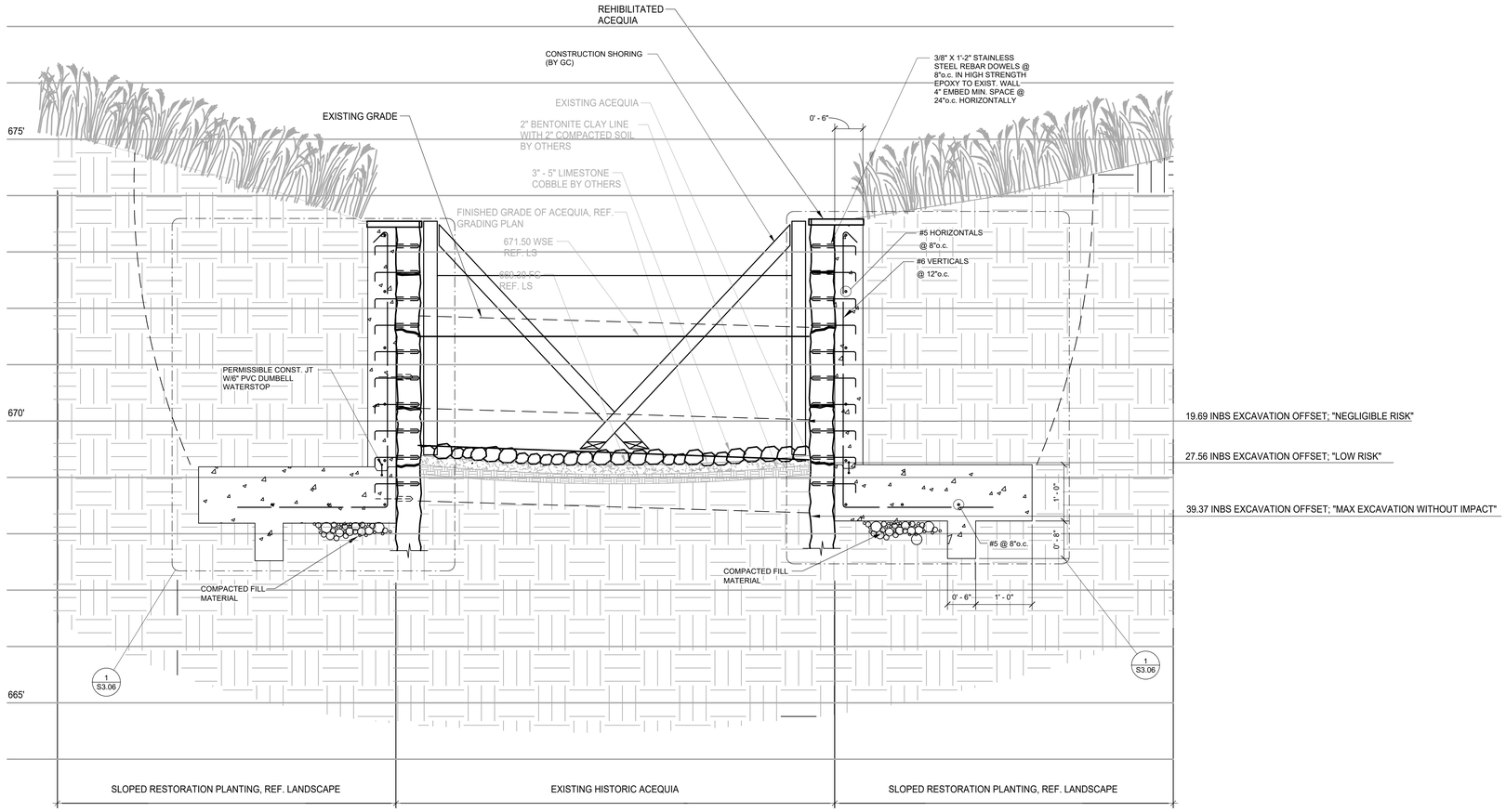
Drawing Number

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LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25

NOTE: COORDINATE ALL HISTORIC REHABILITATION LANDSCAPE DWGS. ITEMS SHOWN HERE FOR STRUCTURAL INTENT ONLY.



1 ACEQUIA WALL DETAIL
1" = 1'-0"

LA PROJECT NO.: 03-257.00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25

BRACKENRIDGE PARK
PHASE 2 - UPPER LABOR, ACEQUIA, AND PUMP HOUSE

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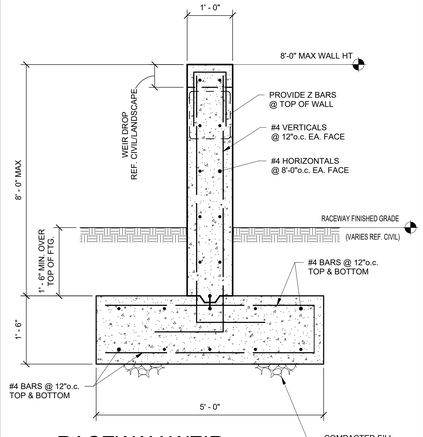
Date
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Job Number
CNOS701

Scale **North**

Drawing Title
SECTIONS

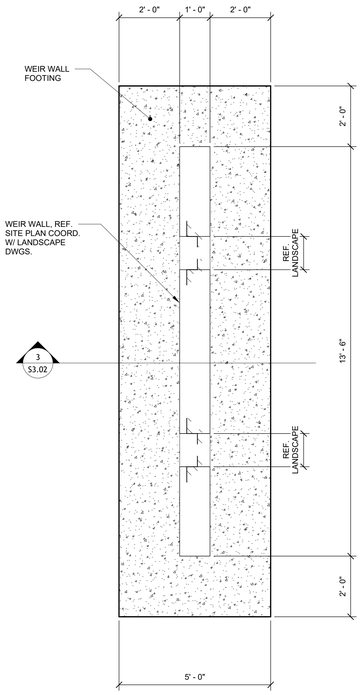
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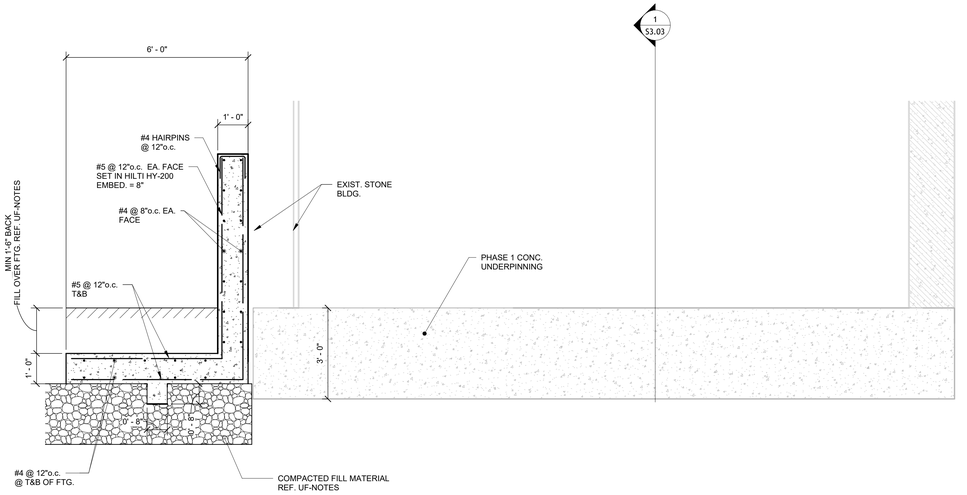
RACEWAY WEIR WALL

3 3/4" = 1'-0"



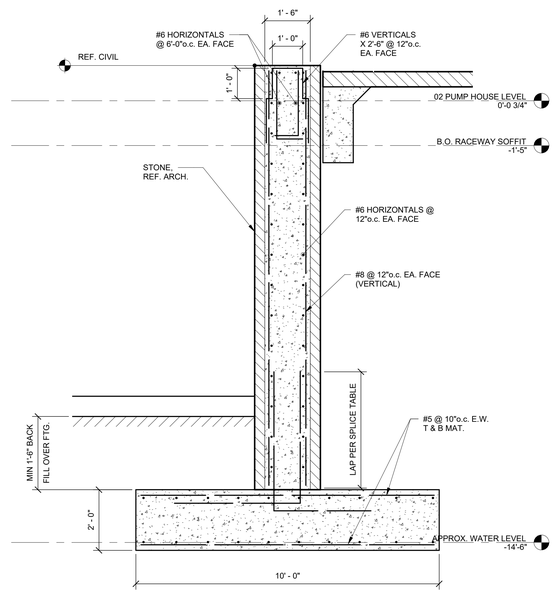
WEIR WALL PLAN

SCALE : 1/2" = 1'-0"



RACEWAY WEIR WALL @ PUMP HOUSE

1 1/2" = 1'-0"



PUMP HOUSE WING WALL

2 1/2" = 1'-0"

BRACKENRIDGE PARK

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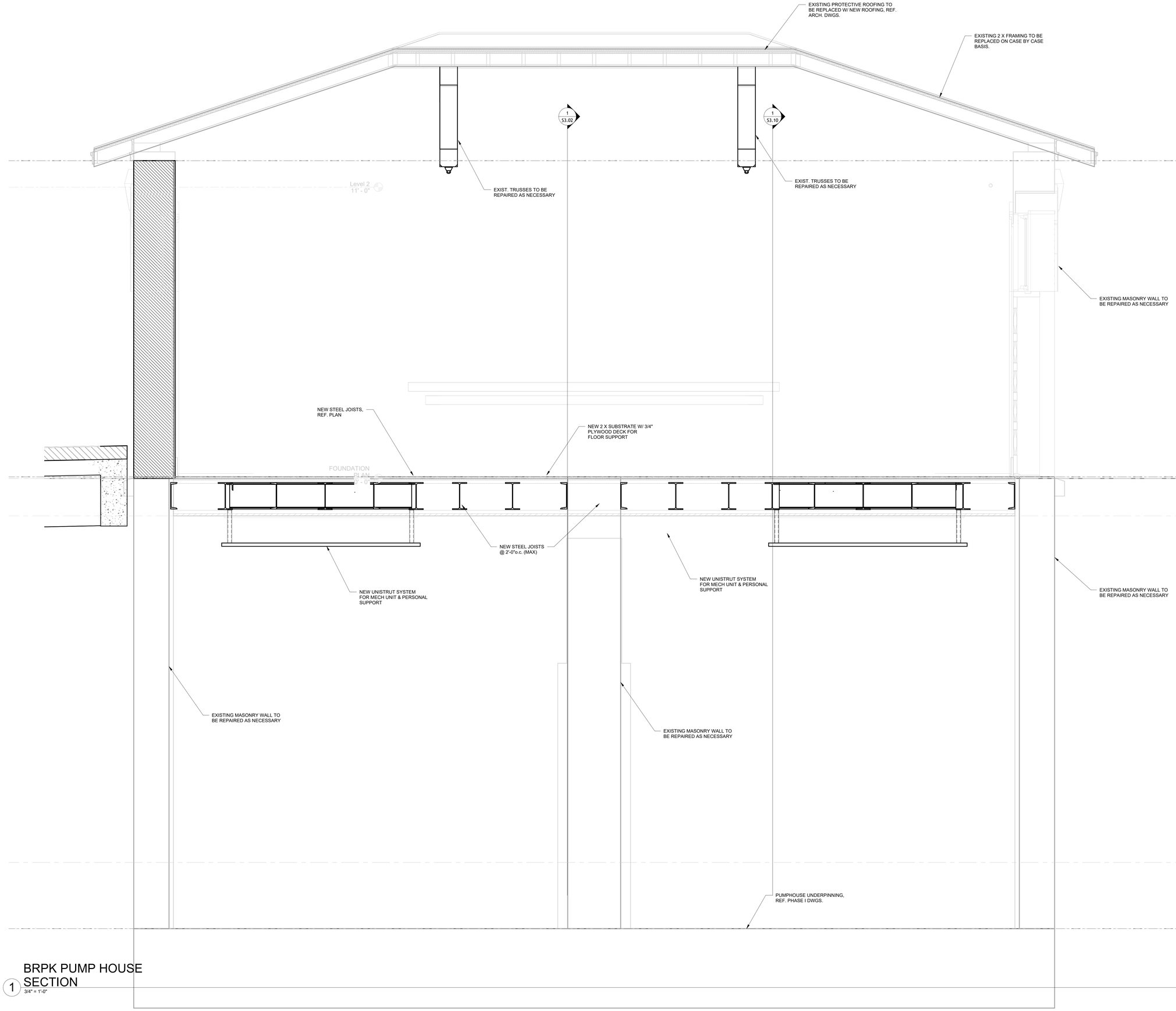
PUMP HOUSE WING WALL

Drawing Number

S3.02

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LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25



BRPK PUMP HOUSE SECTION

1 3/4" = 1'-0"

LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25

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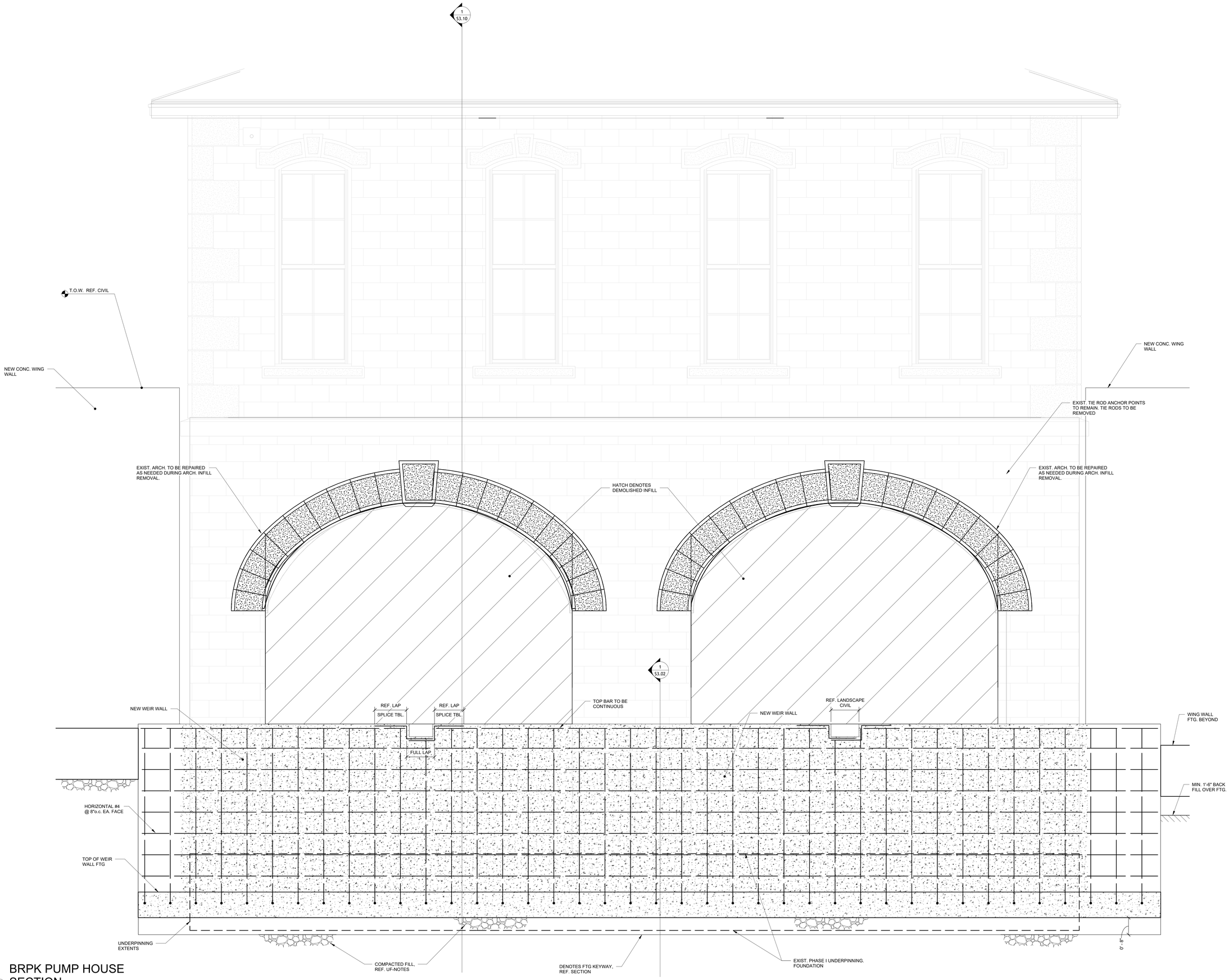
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SECTION

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BRPK PUMP HOUSE SECTION

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BRACKENRIDGE PARK

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TEXAS REG. NO. 82639
DATE:MAY 30, 2025

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Date
30 MAY 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale **North**

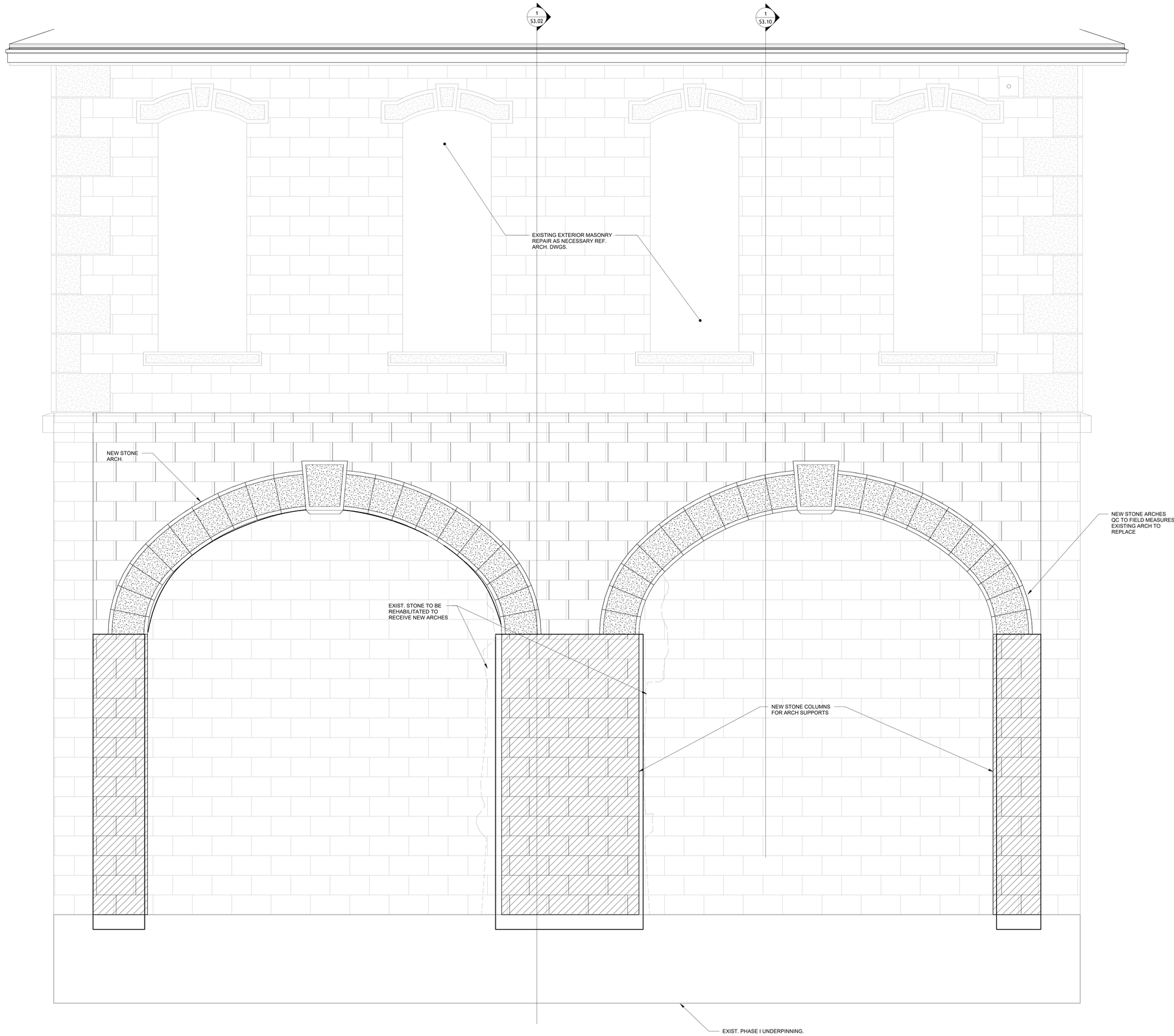
Drawing Title

ELEVATION

Drawing Number

S3.04

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BRPK PUMP HOUSE
SECTION

1 3/4" = 1'-0"

LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25

BRACKENRIDGE PARK

PHASE 2 - UPPER LABOR, ACEQUIA, AND PUMP HOUSE

SAN ANTONIO, TX

CLIENT:
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Scale **North**

Drawing Title

ELEVATION

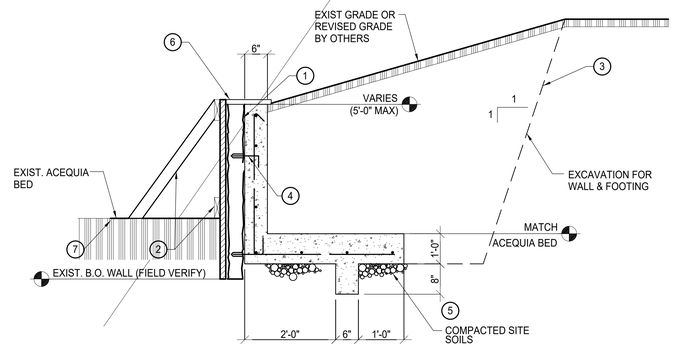
Drawing Number

S3.05

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1. EXISTING STONE WALL TO BE REGROUTED (INCLUDED ~~ROUTING OF FAILED MORTAR/CEMENT~~) AS NECESSARY & COATED W/ EPOXY BONDING AGENT
2. SHORE WALL PRIOR TO EXCAVATION. DO NOT DISTURB HISTORICAL ACEQUIA BED BELOW EXIST. DIRT/DEBRIS
3. EXCAVATE SITE TO ALLOW FOR SHADOW WALL FORMING & INSTALL
4. PROVIDE #3 DOWELS SET IN HILTI HY-200 OR EQUIVALENT TO STONE OVER 12"X12" SQ. IN SIZE.FIELD VERIFICATION REQUIRED.
5. INSTALL CONCRETE SHADOW WALL #4 VERTICALS @ 12"o.c. & #4 HORIZONTALS @ 8"o.c. IN WALL FACE & FOOTING
6. INSTALL STONE CAP (IF REQ.) TO COVER CONCRETE WALL. (BY OTHERS)
7. EXIST. ACEQUIA BED TO BE REVEALED TO ORIGINAL BED. *(NOT BY STRUCTURAL)

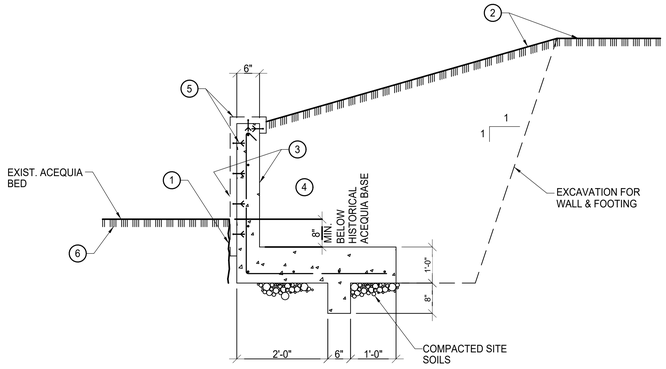
FOUNDATION PLAN
0" - 0"



SHADOW WALL FOR EXISTING WALL PRESERVATION

1 3/4" = 1'-0"

1. EXCAVATE TO PRESERVE EXIST. ACEQUIA BOTTOM/CHANNEL
2. EXCAVATE SITE TO ALLOW FOR SHADOW WALL FORMING & INSTALL
3. PROVIDE FORMWORK AND SHORING FOR WALL FORMATION
4. INSTALL CONCRETE SHADOW WALL #4 VERTICALS @ 12"o.c. & #4 HORIZONTALS @ 8"o.c. IN WALL FACE & FOOTING
5. NEW STONE AND MASONRY TIES AS NEEDED
6. EXIST. ACEQUIA BED TO BE REVEALED TO ORIGINAL BED. *(NOT BY STRUCTURAL)



NEW RECONSTRUCTED WALL

2 3/4" = 1'-0"

BRACKENRIDGE PARK

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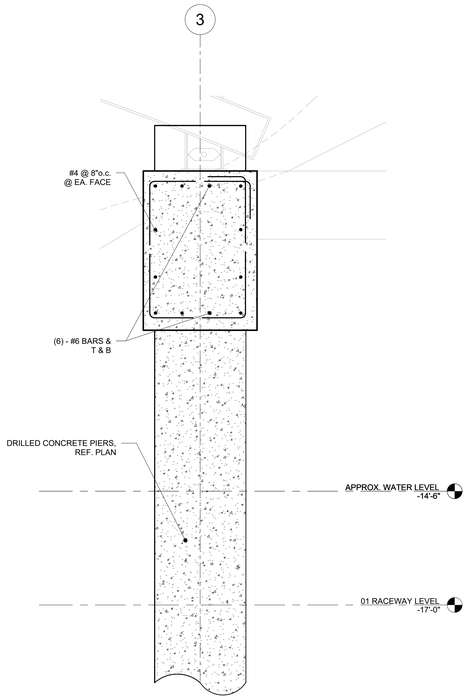
Scale **North**

Drawing Title
SECTIONS

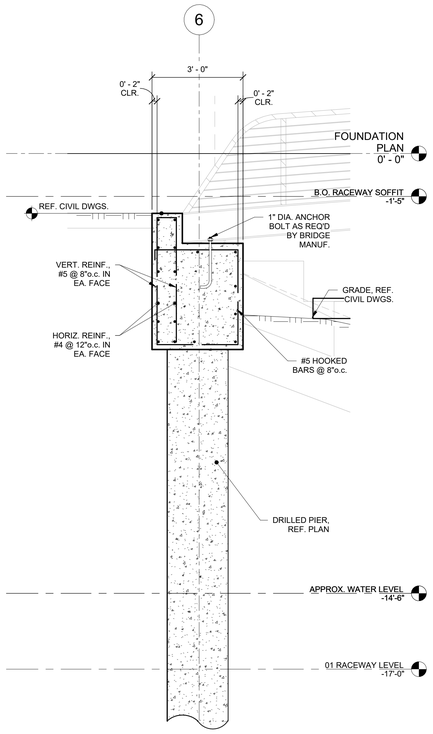
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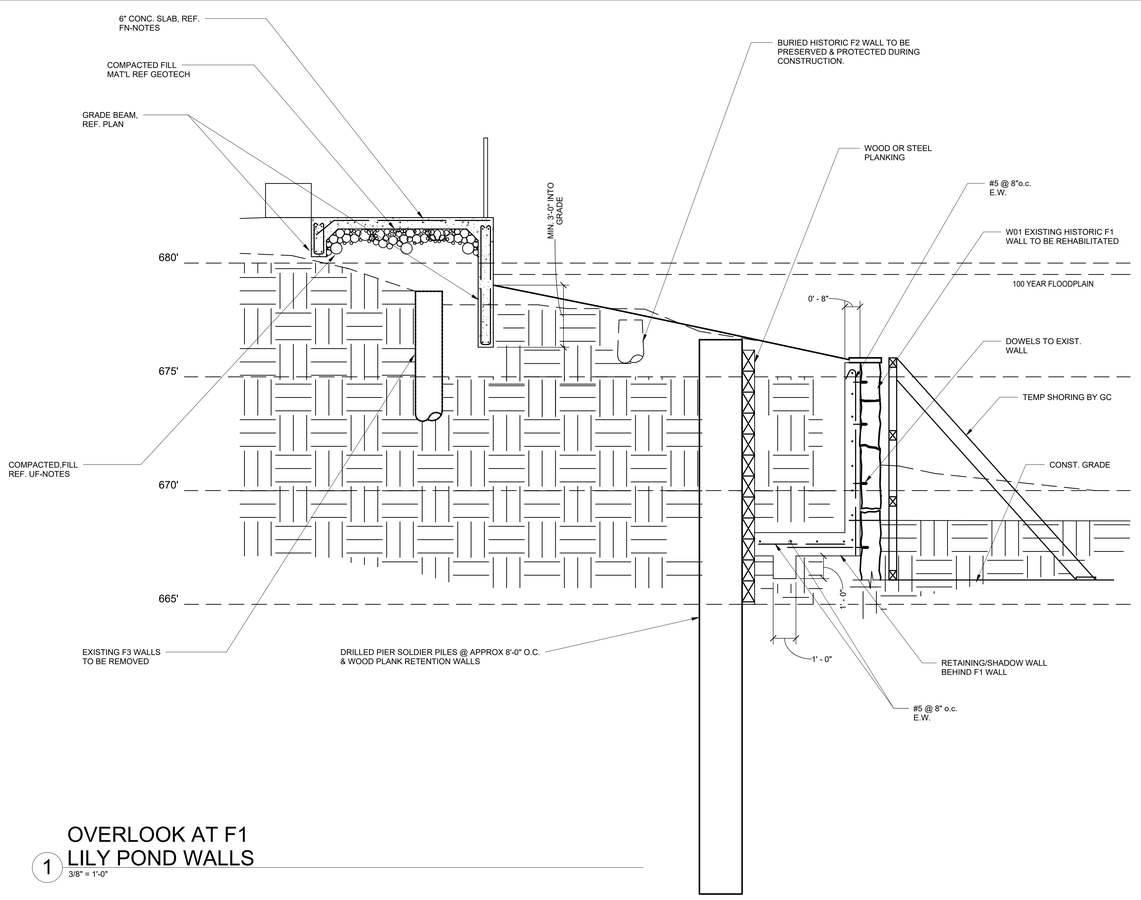
LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25



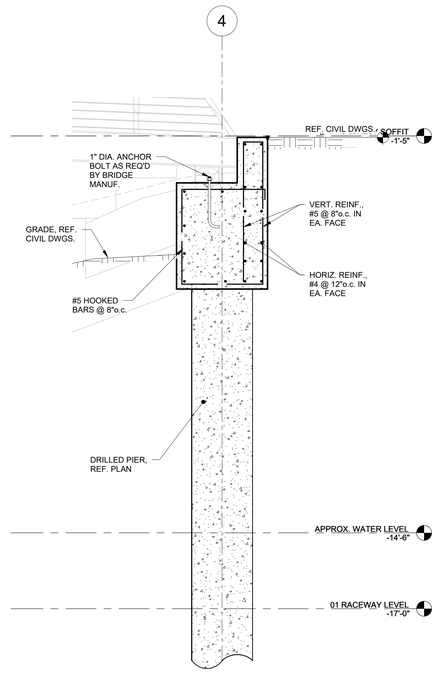
5 SECTION
3/4" = 1'-0"



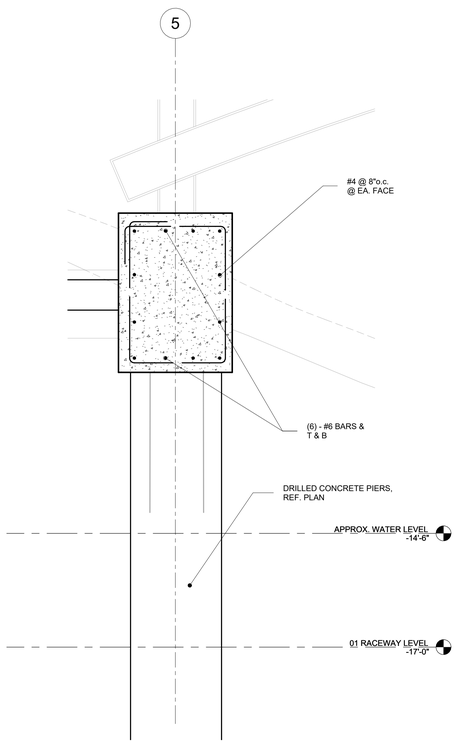
3 SECTION
1/2" = 1'-0"



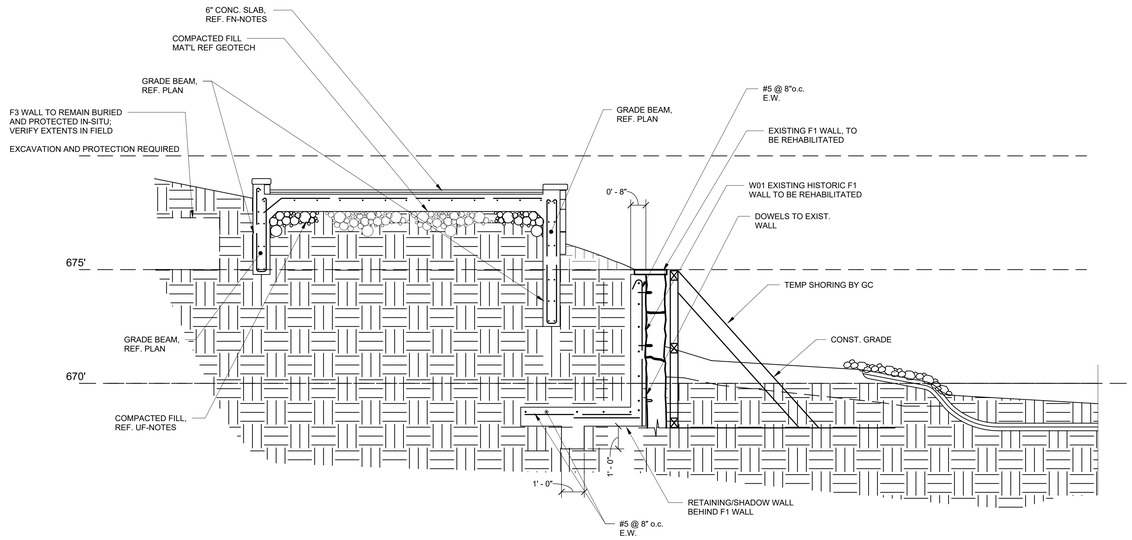
1 OVERLOOK AT F1
LILY POND WALLS
3/8" = 1'-0"



6 SECTION
1/2" = 1'-0"



4 SECTION
3/4" = 1'-0"



2 LILY POND WALL AT
SPIRIT REACH
CONNECTION
3/8" = 1'-0"

BRACKENRIDGE PARK

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Scale North

Drawing Title

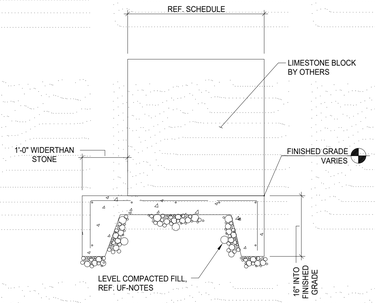
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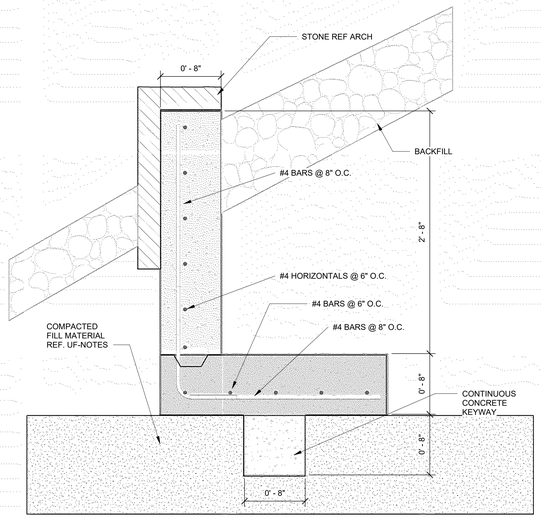
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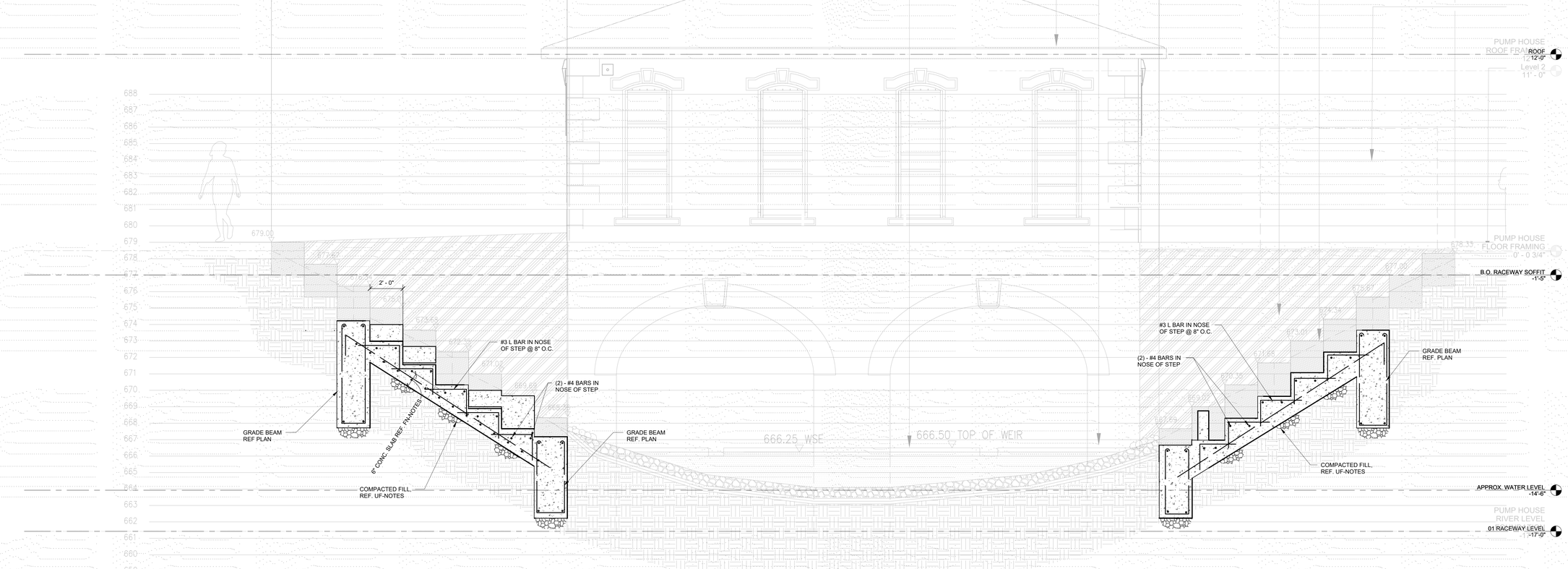
LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25



3 SECTION
3/4" = 1'-0"



1 RACEWAY WALL
1 1/2" = 1'-0"



2 Section 21
3/8" = 1'-0"

LA PROJECT NO.: 03-257-00
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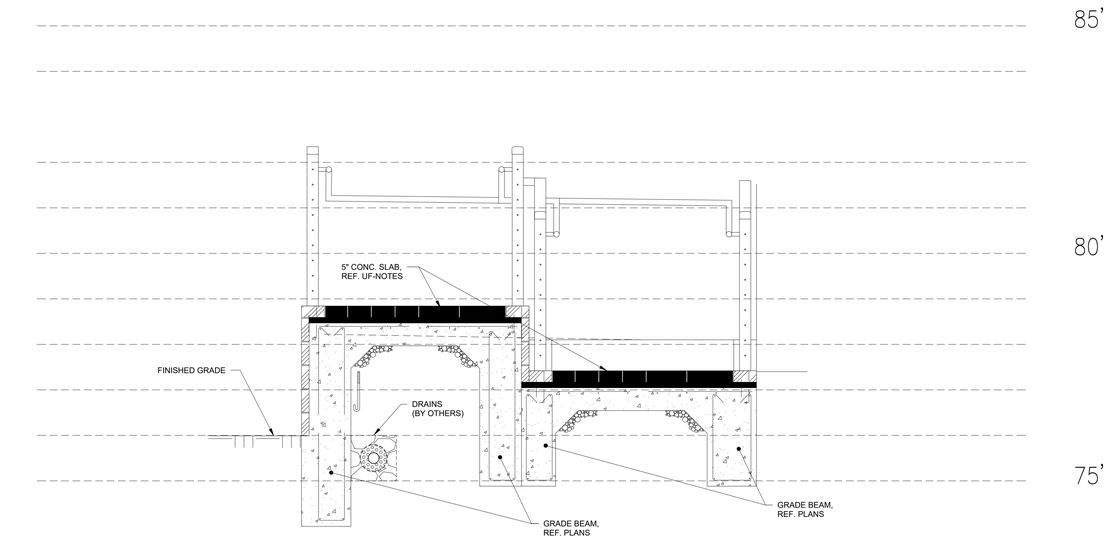
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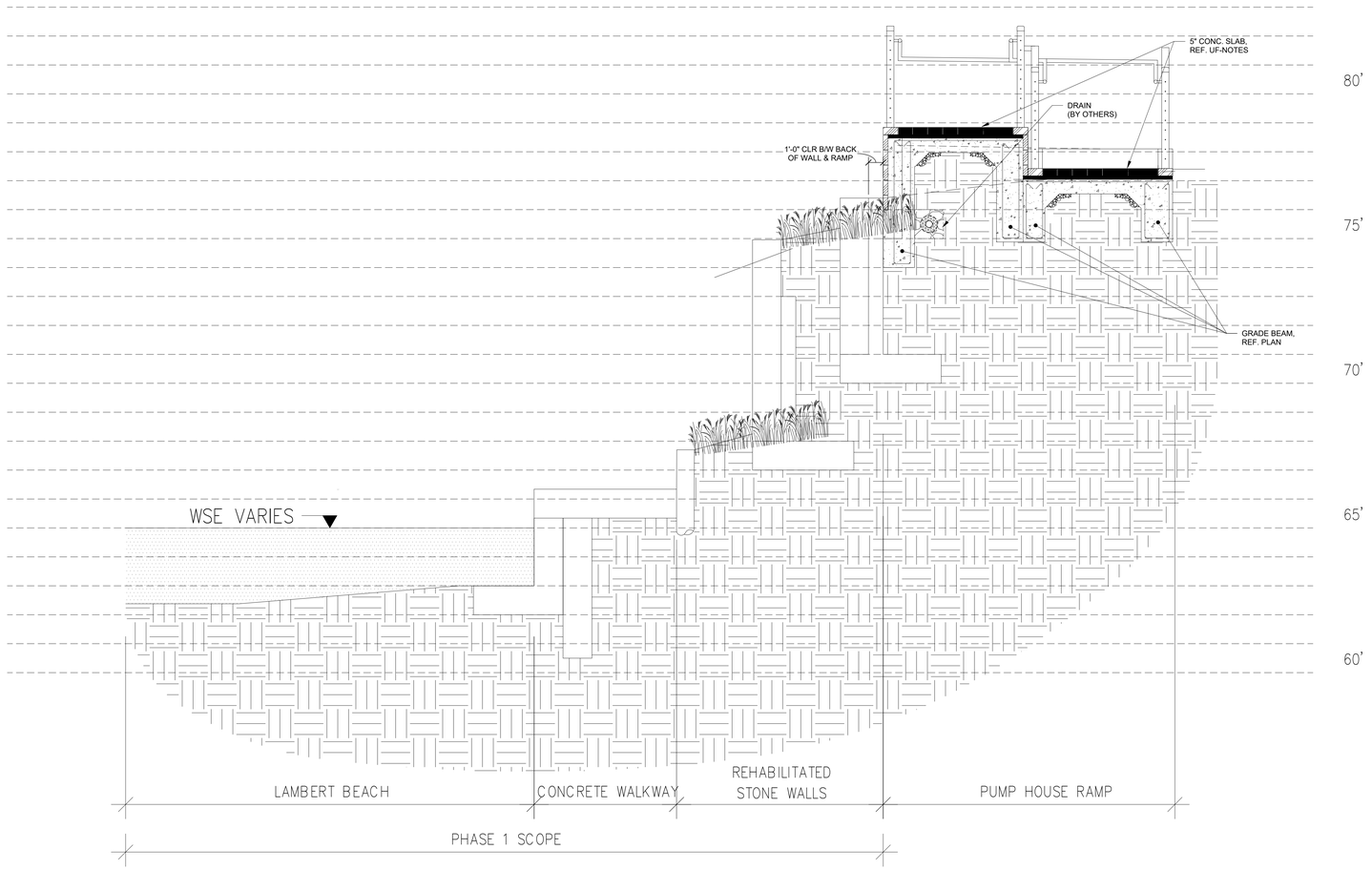
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1 PEDESTRIAN RAMP
N.T.S.



2 TERRACE WALLS
N.T.S.

LA PROJECT NO.: 03-257-00
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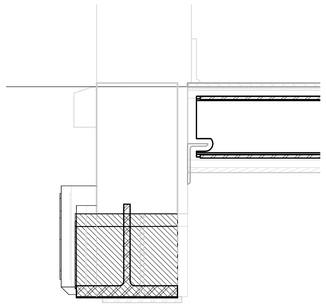
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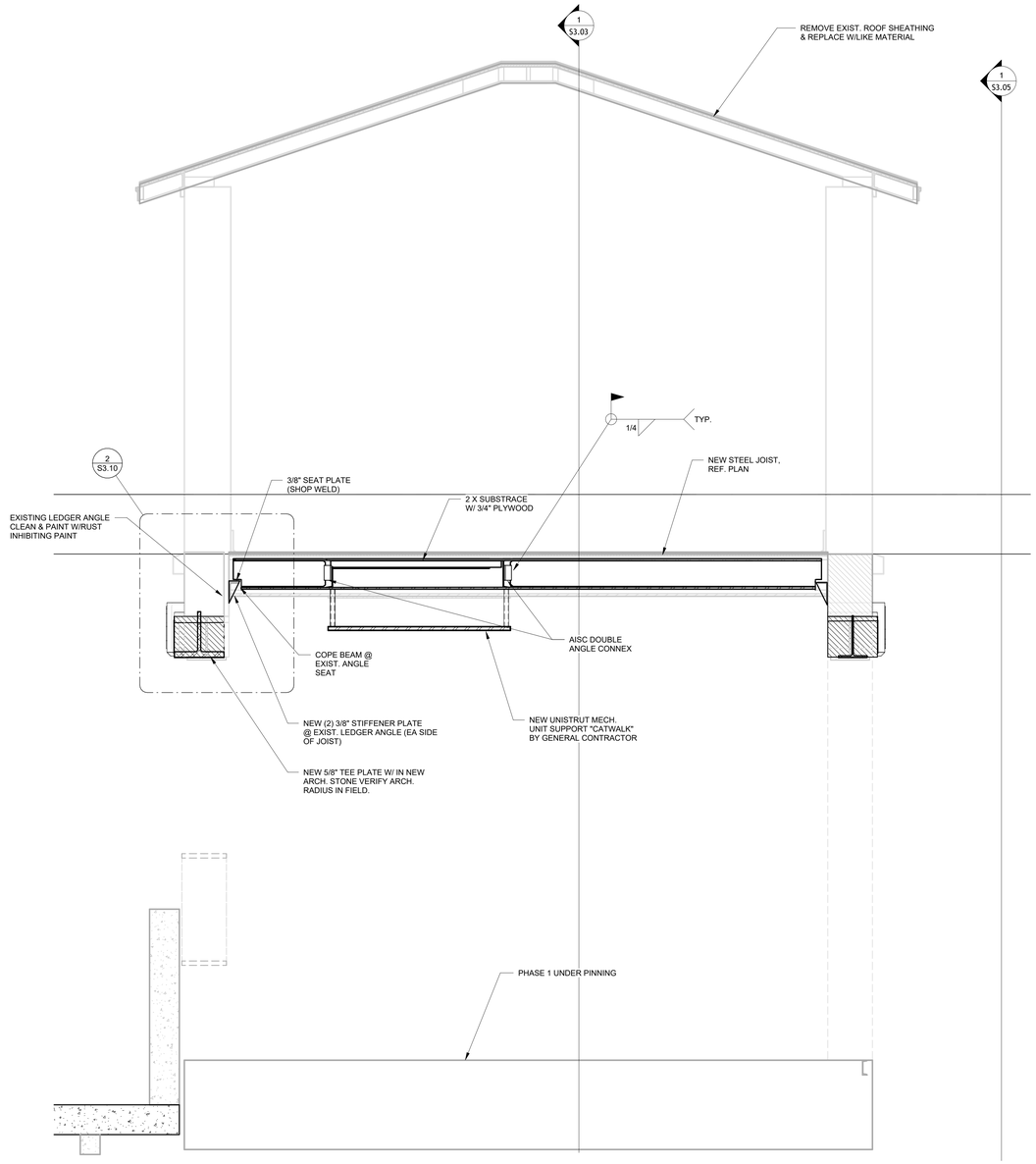
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2 SECTION
1" = 1'-0"



BRPK PUMP HOUSE
1 SECTION
1/2" = 1'-0"

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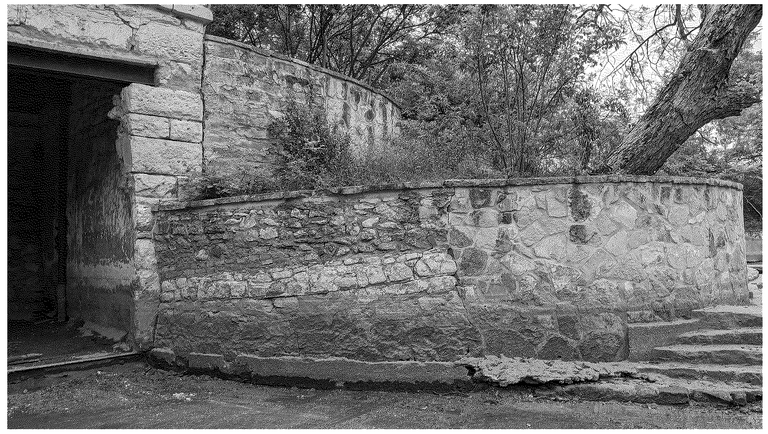
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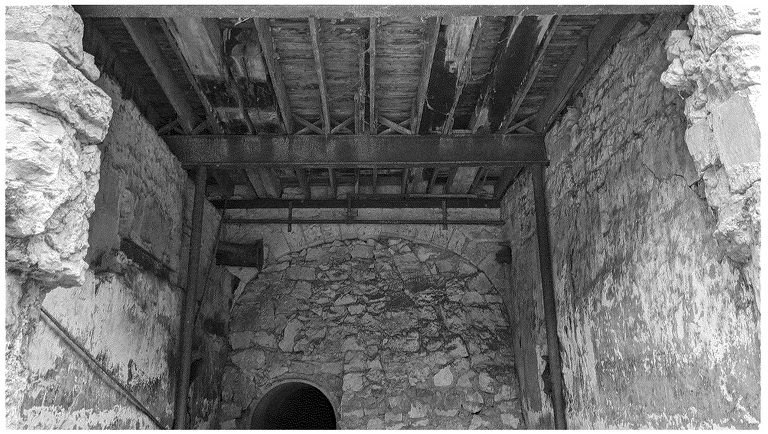
1 PHOTO
N.T.S.



5 PHOTO
N.T.S.



2 PHOTO
N.T.S.



3 PHOTO
N.T.S.

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PHOTOS

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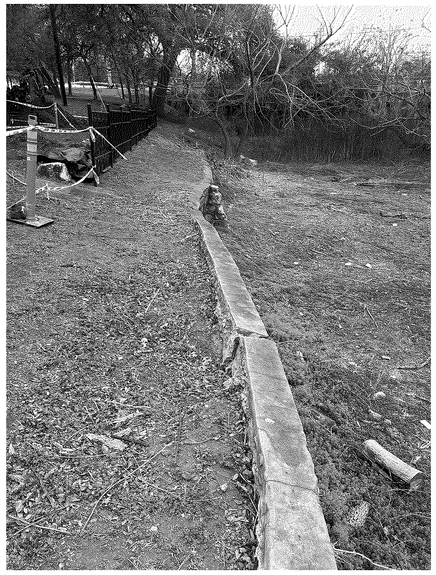
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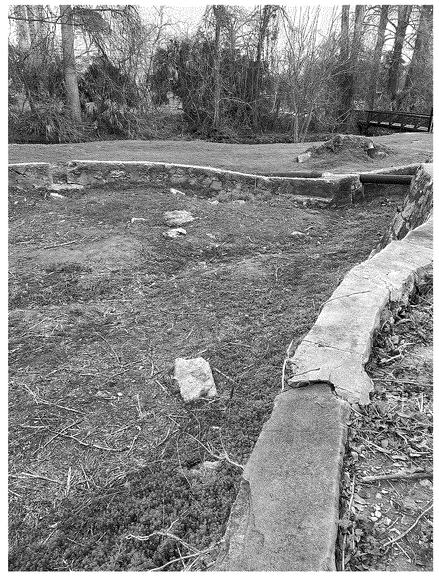
LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25



3 PHOTO
N.T.S.



1 PHOTO
N.T.S.



2 PHOTO
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BRACKENRIDGE PARK

PHASE 2 - UPPER LABOR, ACEQUIA, AND PUMP HOUSE

SAN ANTONIO, TX

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TEXAS REG. NO. 82639
DATE:MAY 30, 2025

Revisions

Date
30 MAY 2025
Phase
95% CONSTRUCTION DOCUMENTS
Job Number
CNOS701

Scale North

Drawing Title

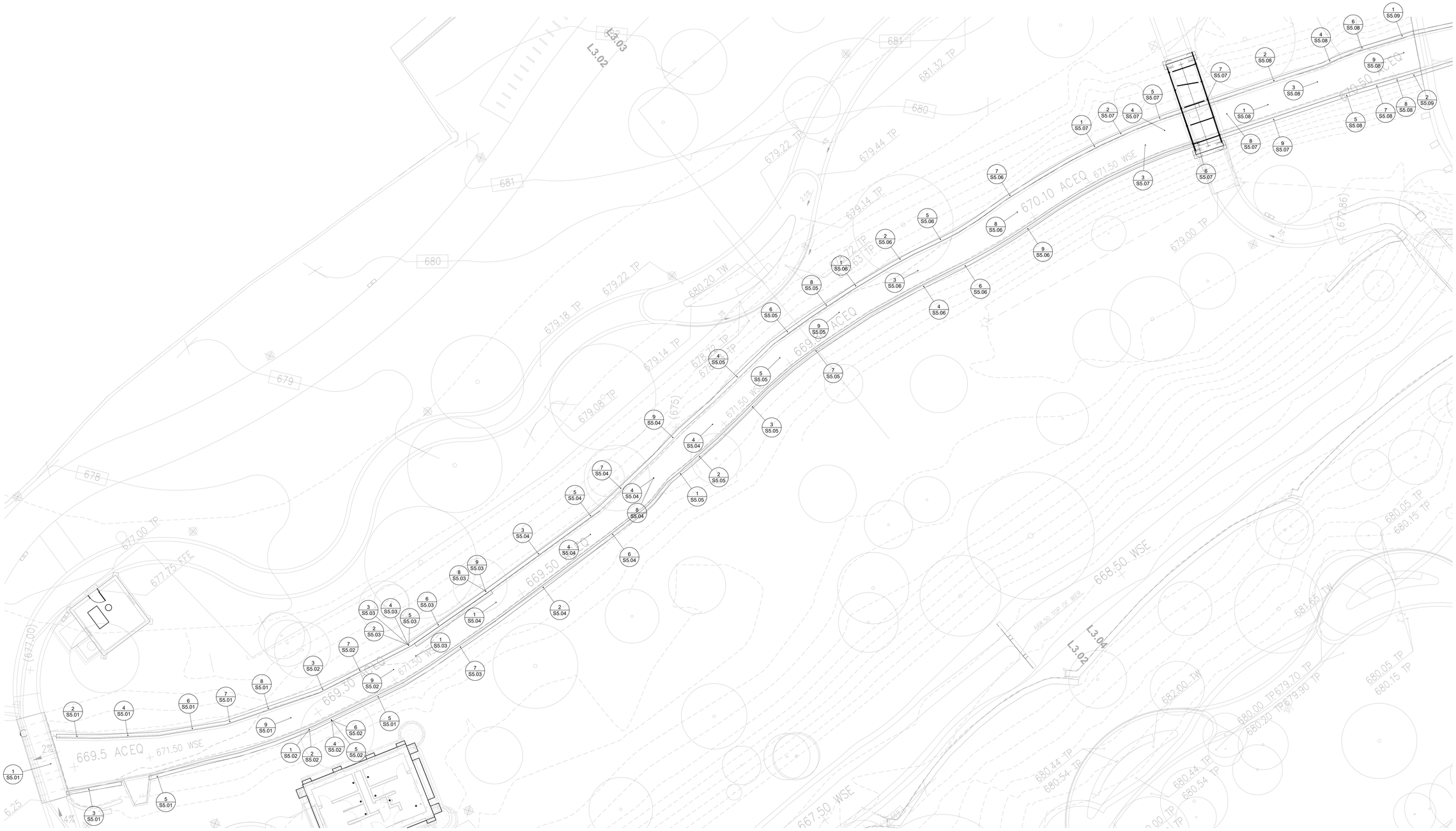
PHOTOS

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ACEQUIA PHOTO KEY PLAN
SCALE : 3/32" = 1'-0"

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Drawing Title
ACEQUIA PHOTO KEY

Drawing Number
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4 PHOTO
3/4" = 1'-0"



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3/4" = 1'-0"



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3 PHOTO
3/4" = 1'-0"

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PHOTOS

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Scale **North**

Drawing Title

PHOTOS

Drawing Number

S5.02

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3/4" = 1'-0"



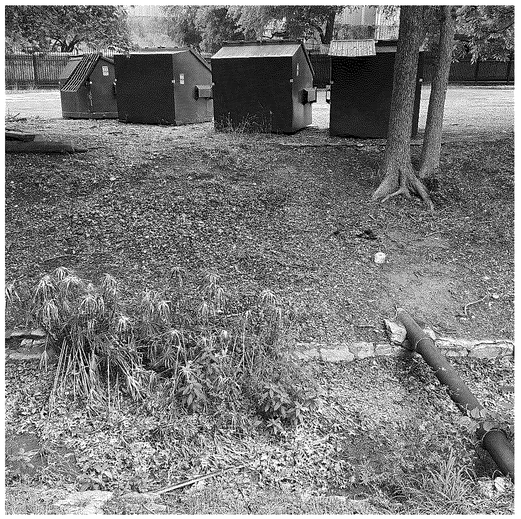
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8 PHOTO
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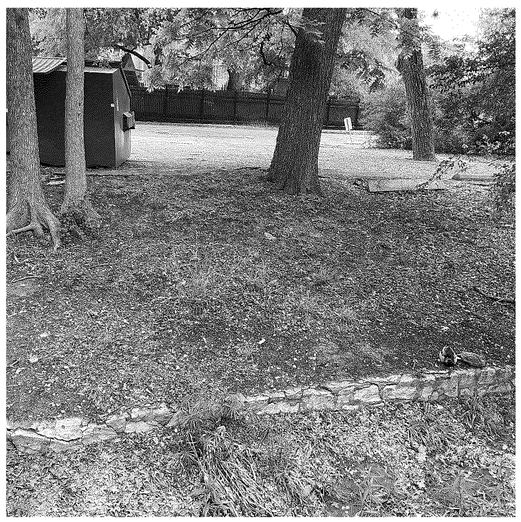
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3/4" = 1'-0"



2 PHOTO
3/4" = 1'-0"



9 PHOTO
3/4" = 1'-0"



6 PHOTO
3/4" = 1'-0"



3 PHOTO
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BRACKENRIDGE PARK
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Scale North

Drawing Title

PHOTOS

Drawing Number

S5.03

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LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25



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4 IMG_0374
3/4" = 1'-0"



1 IMG_0375
3/4" = 1'-0"



8 IMG_0373
3/4" = 1'-0"



5 IMG_0345
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2 IMG_0318
3/4" = 1'-0"



9 IMG_0347
3/4" = 1'-0"



6 IMG_0319
3/4" = 1'-0"



3 IMG_0343
3/4" = 1'-0"

BRACKENRIDGE PARK

PHASE 2 - UPPER LABOR, ACEQUIA, AND PUMP HOUSE

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PHOTOS

Drawing Number

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4 PHOTO
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3/4" = 1'-0"



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BRACKENRIDGE PARK

PHASE 2 - UPPER LABOR, ACEQUIA, AND PUMP HOUSE

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PHOTOS

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SHAWN J. FRANKE P.E.
TEXAS REG. NO. 82639
DATE:MAY 30, 2025

Revisions

Date
30 MAY 2025
Phase
95% CONSTRUCTION DOCUMENTS
Job Number
CNOS701

Scale **North**

Drawing Title

PHOTOS

Drawing Number

S5.08

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LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25



1 PHOTO
3/4" = 1'-0"



2 PHOTO
3/4" = 1'-0"

BRACKENRIDGE PARK
PHASE 2 - UPPER LABOR, ACEQUIA, AND PUMP HOUSE

SAN ANTONIO, TX

CLIENT:
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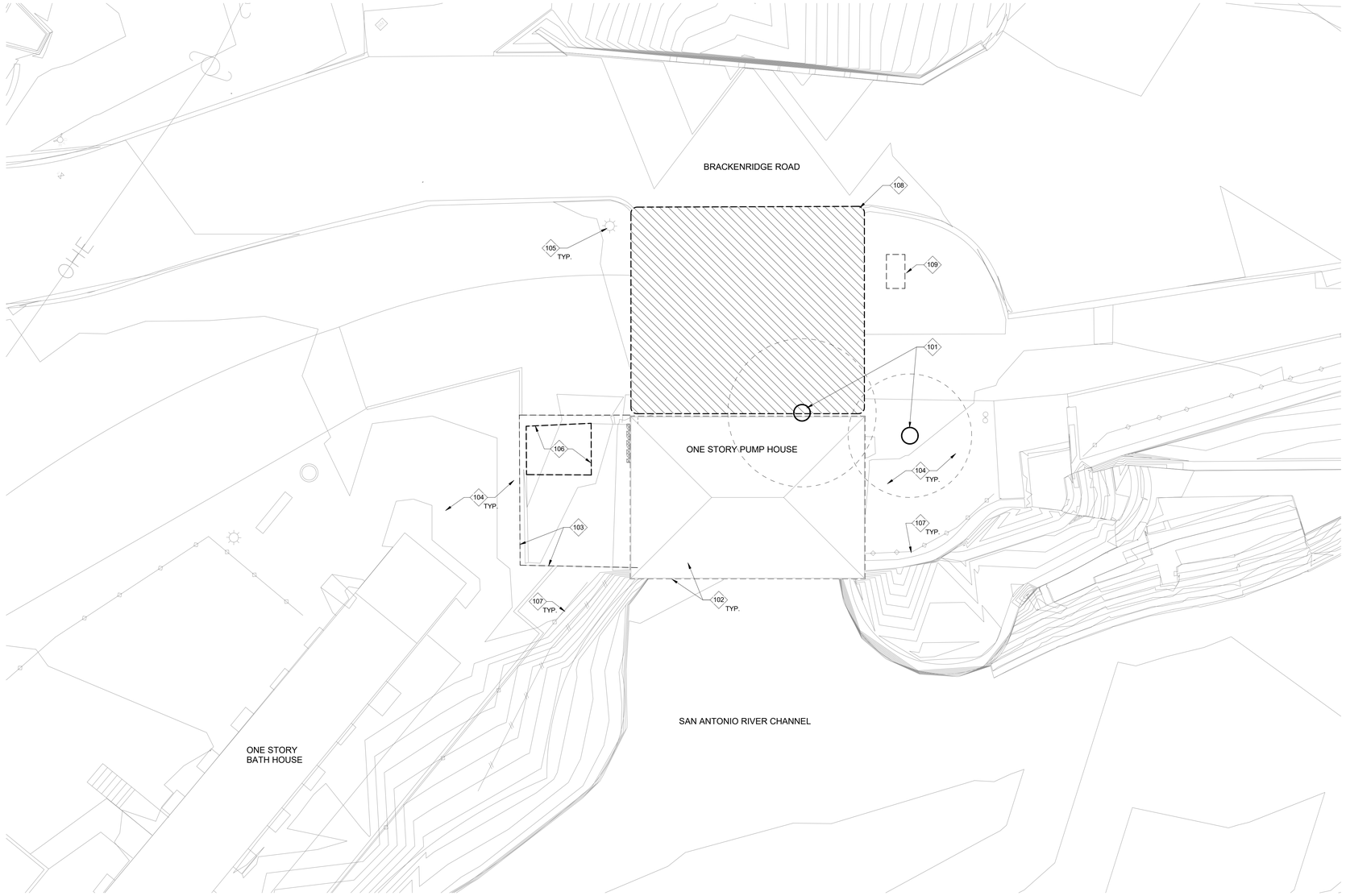
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Drawing Number

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LA PROJECT NO.: 03-257-00
LA FILE NO.: BRACKENRIDGE PARK LAMBERT BEACH STRUCTURAL R25



1 SITE - DEMOLITION PLAN
1/8" = 1'-0"

N

0 4' 8' 16'
0 2'
1/8" = 1'-0"

HP GENERAL NOTES - DEMOLITION

NUMBER	NOTES
1	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
2	REFER TO SPECIFICATION SECTION 024296 FOR HISTORIC REMOVAL AND DISMANTLING REQUIREMENTS.
3	REFER TO CIVIL, LANDSCAPE ARCHITECT, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR SITE WORK.
4	REFER TO STRUCTURAL AND ARCHITECTURAL DEMOLITION DRAWINGS FOR INTERIOR SELECTIVE DEMOLITION WORK REQUIRED.
5	REFER TO ARCHITECTURAL AND HISTORIC PRESERVATION DRAWINGS AND SPECIFICATIONS FOR REPLACEMENT WORK.
6	REFER TO HAZARDOUS MATERIALS SURVEYS AND REPORTS PRIOR TO COMMENCING WORK.
7	NO SELECTIVE DEMOLITION OR REPAIRS WORK IS TO COMMENCE UNTIL ALL HAZARDOUS MATERIAL ABATEMENT WORK IS COMPLETED.
8	VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED OR CAPPED. REFER TO CIVIL AND MEP DRAWINGS AND SPECIFICATIONS.
9	THESE DRAWING SHEETS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR REMOVAL OF ASSEMBLY PROCEDURES. PROTECT ALL ELEMENTS IDENTIFIED TO REMAIN DURING ALL CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY WEATHER TIGHT ENCLOSURES TO SEAL OFF ANY ROOF OR WALL OPENINGS UPON REMOVAL OF EXISTING ROOFING, FLASHING, CAPS, ETC.
11	THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS DURING DEMOLITION SO AS TO NOT DAMAGE ADJACENT FINISHES, MATERIALS, AND FEATURES REQUIRED TO REMAIN IN SERVICE OR BE INCORPORATED INTO THE WORK.
12	THE CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE TO THE BUILDING STRUCTURE. NOTIFY THE STRUCTURAL ENGINEER IMMEDIATELY OF ANY STRUCTURAL CONCERNS.
13	THE CONTRACTOR SHALL REVIEW ALL TEMPORARY SHORING, BRACING, SCAFFOLDING, JOBSITE SAFETY DEVICES, AND CONSTRUCTION CENTERING THAT MAY IMPACT HISTORIC MATERIALS AND FEATURES OF THE BUILDING WITH ARCHITECT, HISTORIC ARCHITECT, AND STRUCTURAL ENGINEER.
14	BRACE ALL STRUCTURAL ELEMENTS OR STRUCTURES AS NECESSARY DURING DEMOLITION. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER
15	THE CONTRACTOR SHALL PROTECT AND PROPERLY STORE ALL BUILDING MATERIALS AND FEATURES IDENTIFIED FOR TEMPORARY REMOVAL, SALVAGE, AND RE-INSTALLATION INTO THE WORK.
16	DEMOLITION OPERATIONS MAY REVEAL PREVIOUSLY UNKNOWN ARCHITECTURAL, STRUCTURAL, OR SUBGRADE CONDITIONS. UNFORSEEN HISTORIC MATERIALS,DETAILS, OR FEATURES MAY SURFACE DURING DEMOLITION OR SELECTIVE REMOVAL PROCEDURES. PROTECT THE HISTORIC MATERIAL AND NOTIFIY HISTORIC ARCHITECT FOR FURTHER INSTRUCTIONS.
17	ANY DAMAGE DONE BY THE CONTRACTOR OR THEIR SUBCONTRACTORS TO HISTORIC MATERIALS OR FEATURES DESIGNATED AS EXISTING TO REMAIN OR SALVAGED FOR REUSE DURING A DEMOLITION OR SELCTIVE REMOVAL PROCEDURE SHALL BE REPAIRED OR RESTORED TO RETURN THE MATERIALS OR FEATURES TO THEIR CONDITION PRIOR TO COMMENCMENT OF THE PROCEDURE. SUCH REPAIR OR RESTORATION WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
18	REMOVE AND DEMOLISH EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE AND TRUE TO DIMENSION REQUIRED. USE METHODS LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION OR CONSTRUCTION TO REMAIN.
19	RESTORE EXPOSED FINISHED OR PATCHED AREAS AND EXTEND RESTORED FINISH AREA INTO ADJOINING CONSTRUCTION TO REMAIN IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING, REPAIRING AND REFINISHING.
20	PATCH AND REPAIR FLOOR, WALL, AND CEILING SURFACES WHERE DEMOLITION OCCURS. PROVIDE FLUSH AND EVEN SURFACES OF UNIFORM COLOR, TEXTURE, AND APPEARANCE. CLOSELY MATCH TEXTURE AND FINISH OF EXISTING ADJACENT SURFACES.
21	ALL SALVAGED SOUND MATERIALS, ORNAMENTAL WOODWORK, MASONRY MATERIALS, AND OTHER CHARACTER-DEFINING FEATURES REMAIN THE PROPERTY OF THE OWNER.
22	LABEL, SORT, STORE, AND PROTECT ALL SALVAGED SOUND MATERIALS, DECORATIVE WOOD COLUMNS, ORNAMENTAL WOODWORK, AND OTHER CHARACTER-DEFINING FEATURES FOR REHABILITATION AND REINSTALLATION, OR USE IN REPLICATING NEW REPLACEMENT FEATURES.
23	COORDINATE WITH THE CITY OF SAN ANTONIO'S OFFICE OF HISTORIC PRESERVATION'S HISTORIC MATERIALS SALVAGE PROGRAM FOR DONATION AND DELIVERY OF UNUSED SALAVAGE MATERIAL AT THE CONCLUSION OF THE PROJECT.
24	REMOVE ALL EXISTING LIGHT FIXTURES, CONDUITS, WIRES, METER BOXES, CIRCUIT PANELS, ELECTRICAL UTILITY DROPS, WEATHERHEADS, GAS METERS, AND ABANDONED ELEMENTS NOT OTEHRWISE INDICATED TO BE INCORPORATED IN NEW WORK.
25	REMOVE ALL STRUCTURAL AND ARCHITECTURAL WOOD ELEMENTS DETERIORATED BEYOND REASONABLE REHABILITATION TREATMENT METHODS FOR REPLACEMENT WITH IN-KIND MATERIALS TO MATCH SIZES AND PROFILES. NOTIFY HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN CONDITIONS REVEALED THROUGH THE SELECTIVE DISASSEMBLY PROCESS REQUIRING CONDITION ASSESSMENT AND DETERMINATION OF APPROPRIATE TREATMENT METHODS.

DEMOLITION SITE PLAN KEY NOTES

NUMBER	NOTES
101	REMOVE PROBLEMATIC TREES GROWING IN CLOSE PROXIMITY TO HISTORIC MASONRY WALLS. COORDINATE TREE REMOVAL WITH LANDSCAPE ARCHITECT.
102	REMOVE INVASIVE VINE GROWTH FROM ROOF AND LIMESTONE WALLS.
103	REMOVE NON-HISTORIC AND NON-ESSENTIAL CONCRETE PAVING ADJACENT TO STRUCTURE. REFER TO ARCHITECT AND LANDSCAPE ARCHITECT FOR NEW PAVING.
104	GRADE SITE TO PROVIDE NEW ADA PATHWAYS TO AND AROUND STRUCTURE. REFER TO ARCHITECT AND LANDSCAPE ARCHITECT FOR NEW PAVING AND RAMPS.
105	REMOVE ABANDONED OR NON-ESSENTIAL UTILITY POLES, LINES, ETC. REFER TO CIVIL AND MEP.
106	CUT FREE FROM THE ADJACENT CONCRETE FLATWORK AND MOVE THE EXISTING CONCESSION STAND STRUCTURE IN ITS ENTIRETY TO A LOCATION WITHIN BRACKENRIDGE PARK AS DIRECTED BY THE OWNER'S PROJECT MANAGER. THE STRUCTURE SHALL BE PLACED WITHIN A SECURE PERIMETER AND LEFT ON SUPPORTING SKIDS FOR RELOCATION DURING A LATER PHASE.
107	REMOVE NON-HISTORIC FENCING. REFER TO LANDSCAPE ARCHITECT.
108	ALTERNATE: REMOVE AND STOCKPILE EXISTING PAVERS. REMOVE FILL MATERIAL, DRAINAGE PIPES AND STONE INFILL TO RECONSTRUCT THE HISTORIC WATER RACEWAY. REFER TO ARCHITECT AND LANDSCAPE ARCHITECT FOR RECONSTRUCTION AND SITE IMPROVEMENTS. COORDINATE EXCAVATION ACTIVITIES WITH CITY ARCHEOLOGIST.
109	REMOVE AND SALVAGE EXISTING SITE INTERPRETIVE SIGNAGE.

BRACKENRIDGE PARK

SAN ANTONIO, TX

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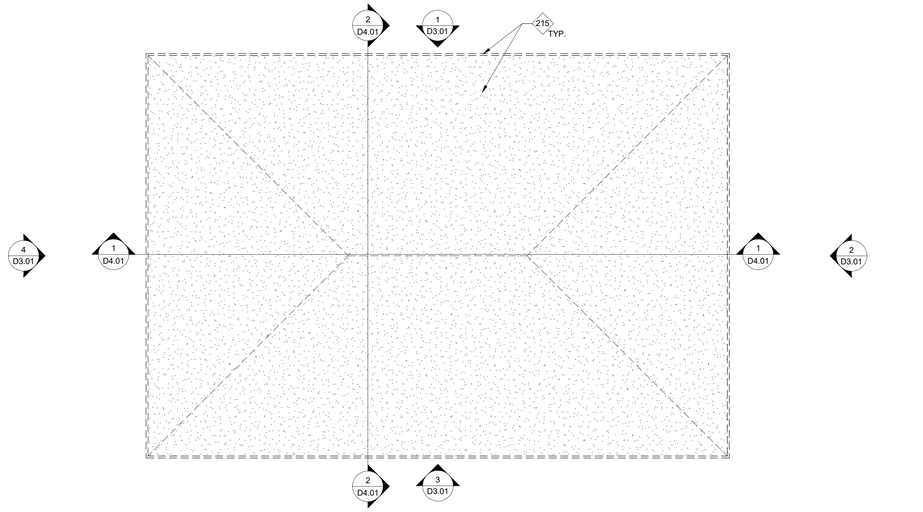
Job Number
CNOS701

Scale North

Drawing Title
SITE PLAN - DEMOLITION

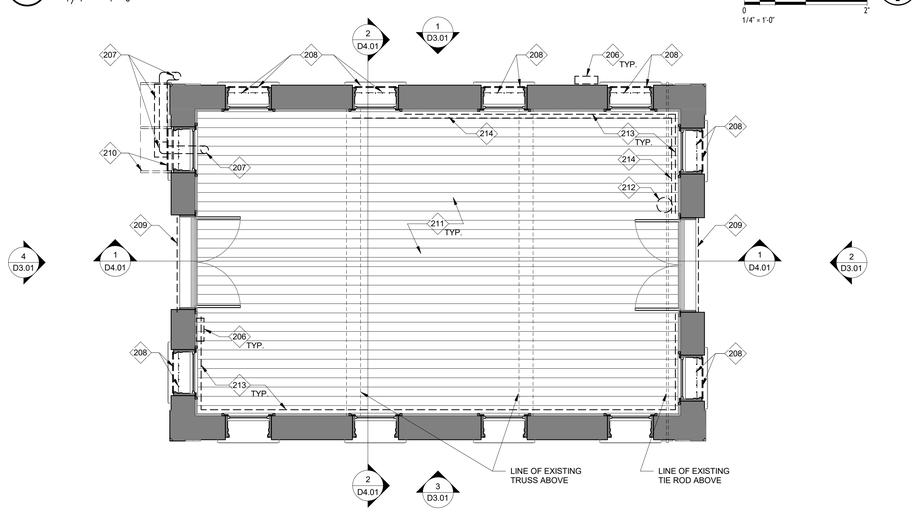
Drawing Number
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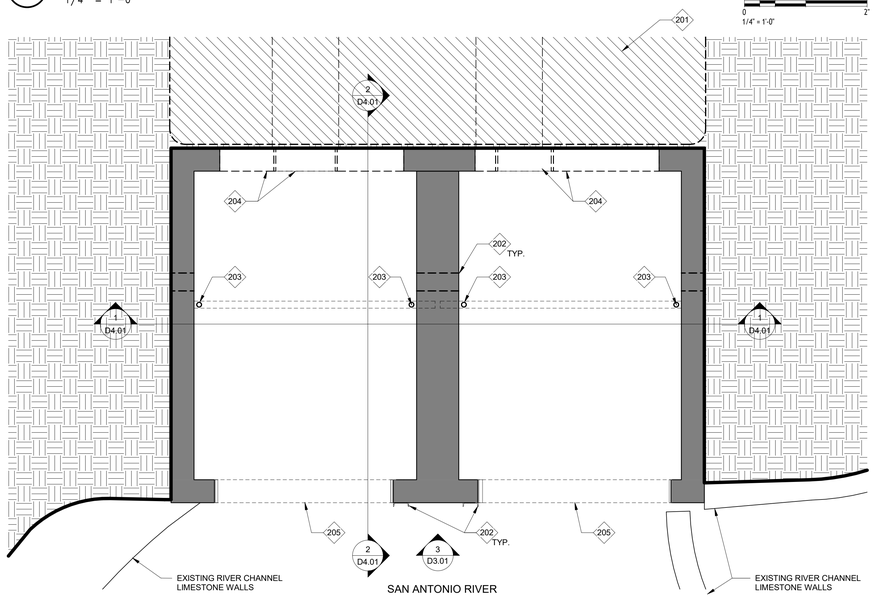
1 ROOF - DEMOLITION

1/4" = 1'-0"



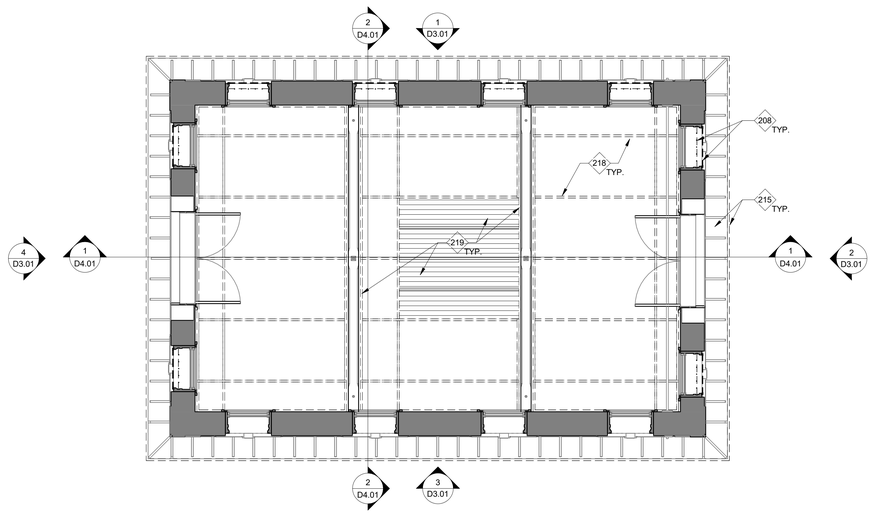
2 PUMP HOUSE LEVEL - DEMOLITION PLAN

1/4" = 1'-0"



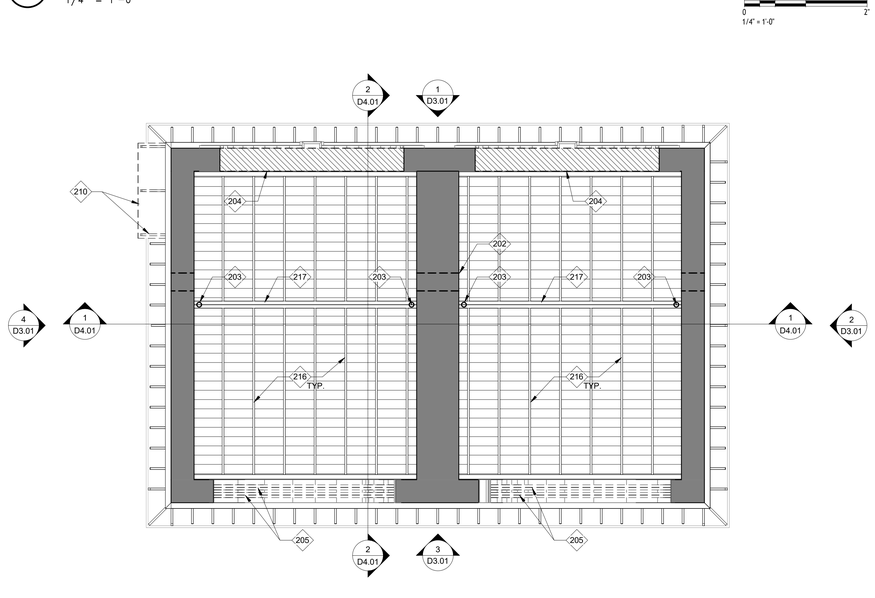
3 RACEWAY LEVEL - DEMOLITION PLAN

1/4" = 1'-0"



4 PUMP HOUSE LEVEL - DEMOLITION RCP

1/4" = 1'-0"



5 RACEWAY LEVEL - DEMOLITION RCP

1/4" = 1'-0"

HP GENERAL NOTES - DEMOLITION

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25	REMOVE ALL STRUCTURAL AND ARCHITECTURAL WOOD ELEMENTS DETERIORATED BEYOND REASONABLE REHABILITATION TREATMENT METHODS FOR REPLACEMENT WITH IN-KIND MATERIALS TO MATCH SIZES AND PROFILES. NOTIFY HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN CONDITIONS REVEALED THROUGH THE SELECTIVE DISASSEMBLY PROCESS REQUIRING CONDITION ASSESSMENT AND DETERMINATION OF APPROPRIATE TREATMENT METHODS.

DEMOLITION FLOOR PLAN KEY NOTES

NOTE NUMBER	DESCRIPTION
201	REMOVE AND STOCKPILE EXISTING PAVERS. REMOVE FILL MATERIAL, DRAINAGE PIPES AND STONE INFILL TO RECONSTRUCT THE HISTORIC WATER RACEWAY. REFER TO LANDSCAPE ARCHITECT, STRUCTURAL ENGINEER, AND CIVIL ENGINEER FOR RECONSTRUCTION AND SITE IMPROVEMENTS. COORDINATE EXCAVATION AC
202	REMOVE EXISTING EMBEDDED IRON ELEMENTS FROM LIMESTONE MASONRY.
203	CUT AND REMOVE RACEWAY LEVEL METAL TUBE COLUMNS IF NOT ALREADY REMOVED DURING PHASE 1 FOUNDATION STABILIZATION WORK. REFER TO STRUCTURAL ENGINEER.
204	REMOVE RUBBLE INFILL AND DRAINAGE CULVERT AT ARCH ON NORTHEAST FAÇADE AT RACEWAY LEVEL. SALAVAGE AND STOCKPILE STONE MATERIAL SUITABLE FOR REUSE IN RECONSTRUCTION OF STONE WALLS AND RACEWAY ARCHES.
205	REMOVE IRON LINTEL BEAMS. REFER TO STRUCTURAL ENGINEER.
206	REMOVE ALL EXPOSED, SURFACE-MOUNTED UTILITY METERS, PANLES, AND CONDUITS.
207	REMOVE NON-HISTORIC PVC PIPING AND LIMESTONE MASONRY CHASE.
208	REMOVE NON-HISTORIC WOOD WINDOW SCREENS, WINDOW BURGLAR BARS, AND ANCHORING FASTENERS.
209	REMOVE NON-HISTORIC SECURITY GATE AND ANCHORING FASTENERS.
210	REMOVE HIGHLY DETERIORATED CONCESSION WINDOW SHED ROOF, SUPPORT BRACKET, AND INFILL SERVING WINDOW BOX AT NORTHWEST FAÇADE.
211	REMOVE AND SALVAGE ALL EXISTING HISTORIC WOOD FLOORING AND FLOOR FRAMING FOR REHABILITATION.
212	REMOVE COMPLETELY DRINKING FOUNTAIN AND ALL ASSOCIATED PLUMBING PIPING.
213	REMOVE COMPLETELY ALL SURFACE-MOUNTED ELECTRICAL CONDUITS, DUPLEX OUTLETS, JUNCTION BOXES, SWITCHES, AND LIGHT FIXTURES.
214	REMOVE COMPLETELY GAS PIPING.
215	REMOVE TEMPORARY TPO MEMBRANE ROOFING AND OSB SUBDECK COMPLETELY. SELECTIVELY REMOVE ROTTED WOOD SOFFITS, RAFTER TAILS, FASCIA BOARDS AND CORNICE BOARDS. RETAIN REPRESENTATIVE SAMPLES OF EACH COMPONENT TYPE TO GUIDE REPLACEMENT OF IN-KIND FEATURES AS PART OF THE REHABILITATION PROCESS.
216	REMOVE AND SALVAGE ALL EXISTING HISTORIC WOOD FLOORING AND FLOOR FRAMING FOR REHABILITATION.
217	RETAIN EXISTING STEEL BEAM FOR REHAB. REFER TO STRUCTURAL ENGINEER.
218	REMOVE NON-HISTORIC PLYWOOD PANEL CEILING FINISH AND SUPPORTING WOOD FRAMING.
219	RETAIN EXISTING WOOD ROOF TRUSS AND WOOD TONGUE-AND-GROOVE CEILING FINISH FOR REHAB.

BRACKENRIDGE PARK

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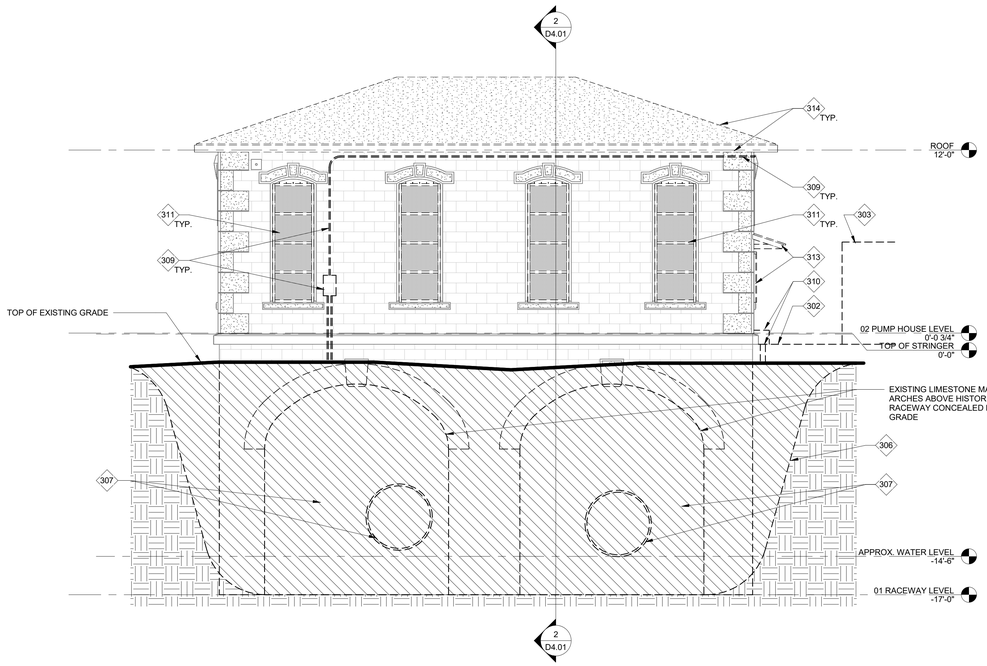
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North

Drawing Title
DEMOLITION FLOOR PLANS

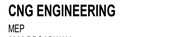
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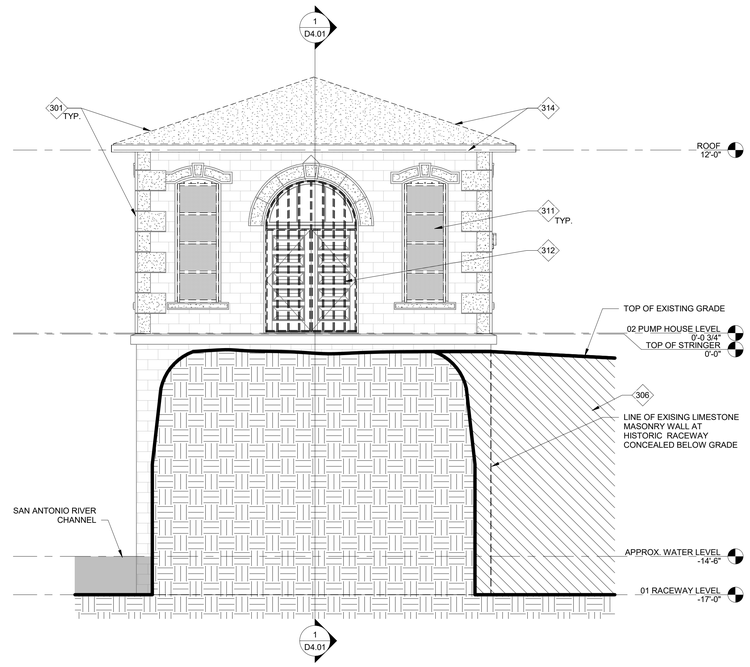
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1 NORTH ELEVATION - DEMOLITION

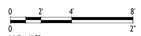
1/4" = 1'-0"

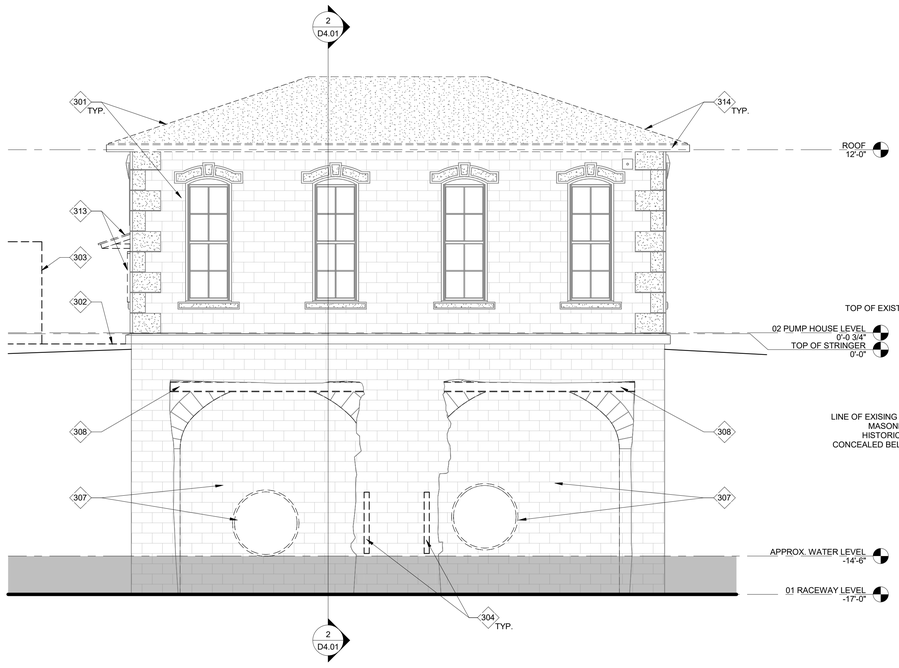




2 EAST ELEVATION - DEMOLITION

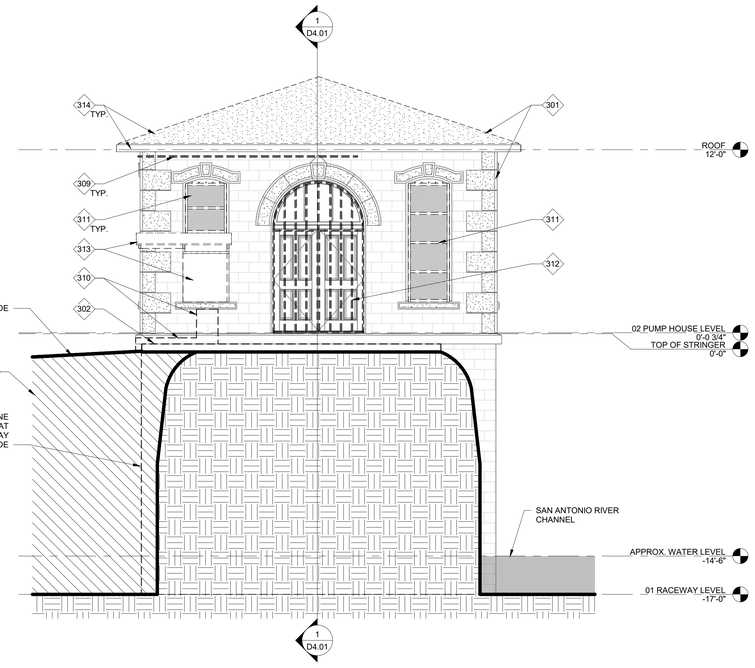
1/4" = 1'-0"





3 SOUTH ELEVATION - DEMOLITION

1/4" = 1'-0"



4 WEST ELEVATION - DEMOLITION

1/4" = 1'-0"



HP GENERAL NOTES - DEMOLITION

NUMBER	NOTES
1	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
2	REFER TO SPECIFICATION SECTION 024296 FOR HISTORIC REMOVAL AND DISMANTLING REQUIREMENTS.
3	REFER TO CIVIL, LANDSCAPE ARCHITECT, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR SITE WORK.
4	REFER TO STRUCTURAL AND ARCHITECTURAL DEMOLITION DRAWINGS FOR INTERIOR SELECTIVE DEMOLITION WORK REQUIRED.
5	REFER TO ARCHITECTURAL AND HISTORIC PRESERVATION DRAWINGS AND SPECIFICATIONS FOR REPLACEMENT WORK.
6	REFER TO HAZARDOUS MATERIALS SURVEYS AND REPORTS PRIOR TO COMMENCING WORK.
7	NO SELECTIVE DEMOLITION OR REPAIRS WORK IS TO COMMENCE UNTIL ALL HAZARDOUS MATERIAL ABATEMENT WORK IS COMPLETED.
8	VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED OR CAPPED. REFER TO CIVIL AND MEP DRAWINGS AND SPECIFICATIONS.
9	THESE DRAWING SHEETS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR REMOVAL OF ASSEMBLY PROCEDURES. PROTECT ALL ELEMENTS IDENTIFIED TO REMAIN DURING ALL CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY WEATHER TIGHT ENCLOSURES TO SEAL OFF ANY ROOF OR WALL OPENINGS UPON REMOVAL OF EXISTING ROOFING, FLASHING, CAPS, ETC.
11	THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS DURING DEMOLITION SO AS TO NOT DAMAGE ADJACENT FINISHES, MATERIALS, AND FEATURES REQUIRED TO REMAIN IN SERVICE OR BE INCORPORATED INTO THE WORK.
12	THE CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE TO THE BUILDING STRUCTURE. NOTIFY THE STRUCTURAL ENGINEER IMMEDIATELY OF ANY STRUCTURAL CONCERNS.
13	THE CONTRACTOR SHALL REVIEW ALL TEMPORARY SHORING, BRACING, SCAFFOLDING, JOBSITE SAFETY DEVICES, AND CONSTRUCTION CENTERING THAT MAY IMPACT HISTORIC MATERIALS AND FEATURES OF THE BUILDING WITH ARCHITECT, HISTORIC ARCHITECT, AND STRUCTURAL ENGINEER.
14	BRACE ALL STRUCTURAL ELEMENTS OR STRUCTURES AS NECESSARY DURING DEMOLITION. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER
15	THE CONTRACTOR SHALL PROTECT AND PROPERLY STORE ALL BUILDING MATERIALS AND FEATURES IDENTIFIED FOR TEMPORARY REMOVAL, SALVAGE, AND RE-INSTALLATION INTO THE WORK.
16	DEMOLITION OPERATIONS MAY REVEAL PREVIOUSLY UNKNOWN ARCHITECTURAL, STRUCTURAL, OR SUBGRADE CONDITIONS. UNFORSEEN HISTORIC MATERIALS,DETAILS, OR FEATURES MAY SURFACE DURING DEMOLITION OR SELECTIVE REMOVAL PROCEDURES. PROTECT THE HISTORIC MATERIAL AND NOTIFIY HISTORIC ARCHITECT FOR FURTHER INSTRUCTIONS.
17	ANY DAMAGE DONE BY THE CONTRACTOR OR THEIR SUBCONTRACTORS TO HISTORIC MATERIALS OR FEATURES DESIGNATED AS EXISTING TO REMAIN OR SALVAGED FOR REUSE DURING A DEMOLITION OR SELCTIVE REMOVAL PROCEDURE SHALL BE REPAIRED OR RESTORED TO RETURN THE MATERIALS OR FEATURES TO THEIR CONDITION PRIOR TO COMMENCMENT OF THE PROCEDURE. SUCH REPAIR OR RESTORATION WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
18	REMOVE AND DEMOLISH EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE AND TRUE TO DIMENSION REQUIRED. USE METHODS LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION OR CONSTRUCTION TO REMAIN.
19	RESTORE EXPOSED FINISHED OR PATCHED AREAS AND EXTEND RESTORED FINISH AREA INTO ADJOINING CONSTRUCTION TO REMAIN IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING, REPAIRING AND REFINISHING.
20	PATCH AND REPAIR FLOOR, WALL, AND CEILING SURFACES WHERE DEMOLITION OCCURS. PROVIDE FLUSH AND EVEN SURFACES OF UNIFORM COLOR, TEXTURE, AND APPEARANCE. CLOSELY MATCH TEXTURE AND FINISH OF EXISTING ADJACENT SURFACES.
21	ALL SALVAGED SOUND MATERIALS, ORNAMENTAL WOODWORK, MASONRY MATERIALS, AND OTHER CHARACTER-DEFINING FEATURES REMAIN THE PROPERTY OF THE OWNER.
22	LABEL, SORT, STORE, AND PROTECT ALL SALVAGED SOUND MATERIALS, DECORATIVE WOOD COLUMNS, ORNAMENTAL WOODWORK, AND OTHER CHARACTER-DEFINING FEATURES FOR REHABILITATION AND REINSTALLATION, OR USE IN REPLICATING NEW REPLACEMENT FEATURES.
23	COORDINATE WITH THE CITY OF SAN ANTONIO'S OFFICE OF HISTORIC PRESERVATION'S HISTORIC MATERIALS SALVAGE PROGRAM FOR DONATION AND DELIVERY OF UNUSED SALAVAGE MATERIAL AT THE CONCLUSION OF THE PROJECT.
24	REMOVE ALL EXISTING LIGHT FIXTURES, CONDUITS, WIRES, METER BOXES, CIRCUIT PANELS, ELECTRICAL UTILITY DROPS, WEATHERHEADS, GAS METERS, AND ABANDONED ELEMENTS NOT OTEHRWISE INDICATED TO BE INCORPORATED IN NEW WORK.
25	REMOVE ALL STRUCTURAL AND ARCHITECTURAL WOOD ELEMENTS DETERIORATED BEYOND REASONABLE REHABILITATION TREATMENT METHODS FOR REPLACEMENT WITH IN-KIND MATERIALS TO MATCH SIZES AND PROFILES. NOTIFY HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN CONDITIONS REVEALED THROUGH THE SELECTIVE DISASSEMBLY PROCESS REQUIRING CONDITION ASSESSMENT AND DETERMINATION OF APPROPRIATE TREATMENT METHODS.

DEMOLITION ELEVATION KEY NOTES

NUMBER	NOTES
301	REMOVE INVASIVE VINE GROWTH FROM ROOF AND LIMESTONE WALLS.
302	REMOVE NON-HISTORIC AND NON-ESSENTIAL CONCRETE PAVING ADJACENT TO STRUCTURE. REFER TO ARCHITECT AND LANDSCAPE ARCHITECT FOR NEW PAVING.
303	DOCUMENT AND REMOVE STONE CONCESSION STAND TO ESTABLISH SITE IMPROVEMENTS BETWEEN PUMPHOUSE AND BATHHOUSE
304	REMOVE EXISTING EMBEDDED IRON ELEMENTS FROM LIMESTONE MASONRY.
306	REMOVE AND STOCKPILE EXISTING PAVERS. REMOVE FILL MATERIAL, DRAINAGE PIPES AND STONE INFILL TO RECONSTRUCT THE HISTORIC WATER RACEWAY. REFER TO ARCHITECT AND LANDSCAPE ARCHITECT FOR RECONSTRUCTION AND SITE IMPROVEMENTS. COORDINATE EXCAVATION ACTIVITIES WITH CITY ARCHEOLOGIST.
307	REMOVE RUBBLE INFILL AND DRAINAGE CULVERT AT ARCH ON NORTHEAST FAÇADE AT RACEWAY LEVEL. SALAVAGE AND STOCKPILE STONE MATERIAL SUITABLE FOR REUSE IN RECONSTRUCTION OF STONE WALLS AND RACEWAY ARCHES.
308	REMOVE IRON LINTEL BEAMS. REFER TO STRUCTURAL ENGINEER.
309	REMOVE ALL EXPOSED, SURFACE-MOUNTED UTILITY METERS, PANLES, AND CONDUITS.
310	REMOVE NON-HISTORIC PVC PIPING AND LIMESTONE MASONRY CHASE.
311	REMOVE NON-HISTORIC WOOD WINDOW SCREENS, WINDOW BURGLAR BARS, AND ANCHORING FASTENERS.
312	REMOVE NON-HISTORIC SECURITY GATE AND ANCHORING FASTENERS.
313	REMOVE HIGHLY DETERIORATED CONCESSION WINDOW SHED ROOF, SUPPORT BRACKET, AND INFILL SERVING WINDOW BOX AT NORTHWEST FAÇADE.
314	REMOVE TEMPORARY TPO MEMBRANE ROOFING AND OSB SUBDECK COMPLETELY. SELECTIVELY REMOVE ROTTED WOOD SOFFITS, RAFTER TAILS, FASCIA BOARDS AND CORNICE BOARDS. RETAIN REPRESENTATIVE SAMPLES OF EACH COMPONENT TYPE TO GUIDE REPLACEMENT OF IN-KIND FEATURES AS PART OF THE REHABILITATION PROCESS.

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Stamp

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Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

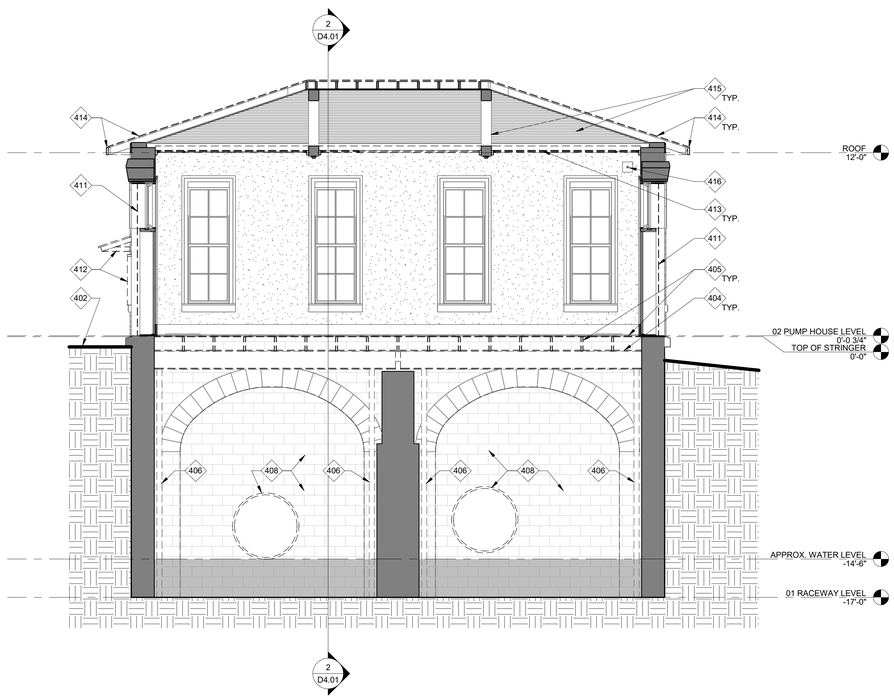
Job Number
CNOS701

Scale North

Drawing Title
EXTERIOR ELEVATIONS - DEMOLITION

Drawing Number
D3.01

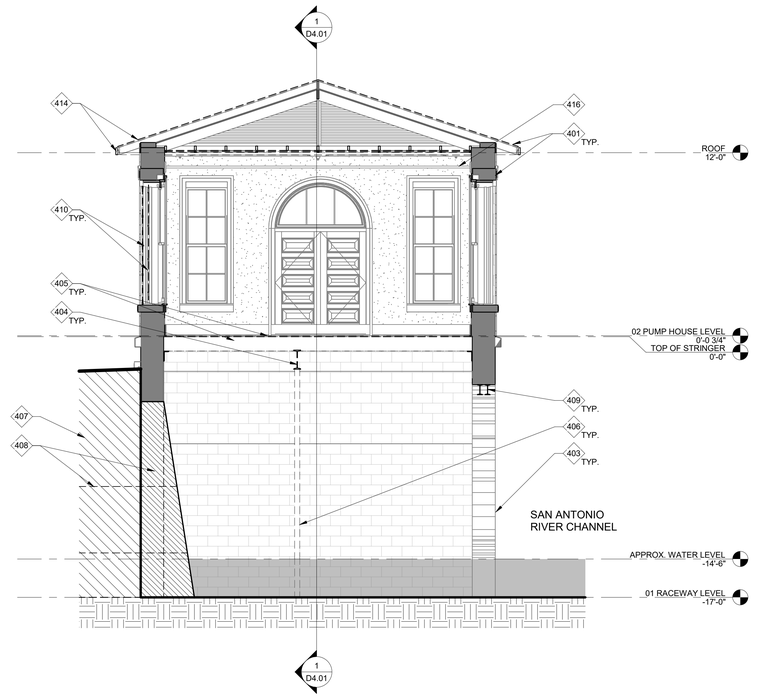
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1 LONGITUDINAL SECTION - DEMOLITION

1/4" = 1'-0"

0 2' 4' 8'
0 1/4" = 1'-0"



2 TRANSVERSE SECTION - DEMOLITION

1/4" = 1'-0"

0 2' 4' 8'
0 1/4" = 1'-0"

HP GENERAL NOTES - DEMOLITION

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19	RESTORE EXPOSED FINISHED OR PATCHED AREAS AND EXTEND RESTORED FINISH AREA INTO ADJOINING CONSTRUCTION TO REMAIN IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING, REPAIRING AND REFINISHING.
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22	LABEL, SORT, STORE, AND PROTECT ALL SALVAGED SOUND MATERIALS, DECORATIVE WOOD COLUMNS, ORNAMENTAL WOODWORK, AND OTHER CHARACTER-DEFINING FEATURES FOR REHABILITATION AND REINSTALLATION, OR USE IN REPLICATING NEW REPLACEMENT FEATURES.
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DEMOLITION BUILDING SECTION KEY NOTES

NOTE NUMBER	DESCRIPTION
401	REMOVE INVASIVE VINE GROWTH FROM ROOF AND LIMESTONE WALLS.
402	REMOVE NON-HISTORIC AND NON-ESSENTIAL CONCRETE PAVING ADJACENT TO STRUCTURE. REFER TO ARCHITECT AND LANDSCAPE ARCHITECT FOR NEW PAVING.
403	REMOVE EXISTING EMBEDDED IRON ELEMENTS FROM LIMESTONE MASONRY.
404	RETAIN EXISTING STEEL BEAM FOR REHAB. REFER TO STRUCTURAL ENGINEER.
405	REMOVE AND SALVAGE ALL EXISTING HISTORIC WOOD FLOORING AND FLOOR FRAMING FOR REHABILITATION.
406	CUT AND REMOVE RACEWAY LEVEL METAL TUBE COLUMNS. REFER TO STRUCTURAL ENGINEER.
407	REMOVE AND STOCKPILE EXISTING PAVERS. REMOVE FILL MATERIAL, DRAINAGE PIPES AND STONE INFILL TO RECONSTRUCT THE HISTORIC WATER RACEWAY. REFER TO ARCHITECT AND LANDSCAPE ARCHITECT FOR RECONSTRUCTION AND SITE IMPROVEMENTS. COORDINATE EXCAVATION ACTIVITIES WITH CITY ARCHEOLOGIST.
408	REMOVE RUBBLE INFILL AND DRAINAGE CULVERT AT ARCH ON NORTHEAST FAÇADE AT RACEWAY LEVEL. SALAVAGE AND STOCKPILE STONE MATERIAL SUITABLE FOR REUSE IN RECONSTRUCTION OF STONE WALLS AND RACEWAY ARCHES.
409	REMOVE IRON LINTEL BEAMS. REFER TO STRUCTURAL ENGINEER.
410	REMOVE NON-HISTORIC WOOD WINDOW SCREENS, WINDOW BURGLAR BARS, AND ANCHORING FASTENERS.
411	REMOVE NON-HISTORIC SECURITY GATE AND ANCHORING FASTENERS.
412	REMOVE HIGHLY DETERIORATED CONCESSION WINDOW SHED ROOF, SUPPORT BRACKET, AND INFILL SERVING WINDOW BOX AT NORTHWEST FAÇADE.
413	REMOVE NON-HISTORIC PLYWOOD PANEL CEILING FINISH AND SUPPORTING WOOD FRAMING.
414	REMOVE TEMPORARY TPO MEMBRANE ROOFING AND OSB SUBDECK COMPLETELY. SELECTIVELY REMOVE ROTTED WOOD SOFFITS, RAFTER TAILS, FASCIA BOARDS AND CORNICE BOARDS. RETAIN REPRESENTATIVE SAMPLES OF EACH COMPONENT TYPE TO GUIDE REPLACEMENT OF IN-KIND FEATURES AS PART OF THE REHABILITATION PROCESS.
415	RETAIN EXISTING WOOD ROOF TRUSS AND WOOD TONGUE-AND-GROOVE CEILING FINISH FOR REHAB.
416	RETAIN EXISTING METAL TIE ROD AND END PLATES FOR REHAB.

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Stamp

NOT FOR CONSTRUCTION

Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale North

Drawing Title
BUILDING SECTIONS - DEMOLITION

Drawing Number
D4.01

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ABBREVIATIONS

ABV.	ABOVE
A.F.F.	ABOVE FINISHED FLOOR
ACOUS.	ACOUSTIC
ADD.	ADDITION
ADH.	ADHESIVE
ADJ.	ADJACENT
ADJT.	ADJUSTABLE
AGG.	AGGREGATE
ALT.	ALTERNATE
ALUM.	ALUMINUM
APPD.	APPROVED
APPROX.	APPROXIMATE
ARCH.	ARCHITECT(URAL)
AVG.	AVERAGE
B.S.	BOTH SIDES
B.U.R.	BUILT-UP ROOF
BD.	BOARD
BEL.	BELOW
BET.	BETWEEN
BLKG.	BLOCKING
BM.	BEAM
BOT.	BOTTOM
BRZ.	BRONZE
BSMT.	BASEMENT
C.I.P.C.	CAST-IN-PLACE CONCRETE
C.M.U.	CONCRETE MASONRY UNIT
C.O.	CLEAN OUT
C.T.	CERAMIC TILE
C.W.	COLD WATER
CTL.	JT. CONTROL JOINT
CAB.	CABINET
CEM.	CEMENT
CER.	CERAMIC
CHAM.	CHAMFER
CIR.	CIRCLE
CK.	CAULK(ING)
CLG.	CEILING
CLO.	CLOSET
CLR.	CLEAR(ANCE)
CNTR.	COUNTER
COL.	COLUMN
COMB.	COMBINATION
COMP.	COMPRESS(ED), (ION), (IBLE)
COMPO.	COMPOSITION (COMPOSITE)
CONC.	CONCRETE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CORR.	CORRUGATED
CPT.	CARPET (ED)
CSMT.	CASEMENT
CTR.	CENTER
D.	DRAIN
D.F.	DRINKING FOUNTAIN
D.H.	DOUBLE HUNG
DBL.	DOUBLE
DEM.	DEMOLISH, DEMOLITION
DIAG.	DIAGONAL
DIA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DIV.	DIVISION
DN.	DOWN
DR.	DOOR
DS.	DOWNSPOUT
DTL.	DETAIL
DW.	DISHWASHER
DWG.	DRAWING
DWR.	DRAWER

E.D.F.	ELECTRIC DRINKING FOUNTAIN
E.P.	ELECTRICAL PANELBOARD
EA.	EACH ELEC. ELECTRIC(AL)
ELEV.	ELEVATION
EQ.	EQUIVALENT
EQUIP.	EQUIPMENT
F.A.	FIRE ALARM
F.B.O.	FURNISHED BY OTHERS
F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISHER
F.F.E.	FINISH FLOOR ELEVATION
F.O.F.	FACE OF FINISH
F.O.S.	FACE OF STUD
F.R.	FIRE RATED
F.S.	FULL SIZE
FAS.	FASTEN(ER)
FGL.	FIBERGLASS
FIG.	FIGURE
FIN.	FINISH(ED)
FXT.	FIXTURE
FLG.	FLASHING
FLUOR.	FLUORESCENT
FLR.	FLOOR(ING)
FND.	FOUNDATION
FP.	FIREPROOF
FR.	FRAME(D), (ING)
G.B.	GRAB BAR
G.C.	GENERAL CONTRACTOR
G.I.	GALVANIZED IRON
GA.	GAUGE
GALV.	GALVANIZED
GD.	GRADE, GRADING
GL.	GLASS, GLAZING
GWB.	GYPSUM WALLBOARD
GYP.	GYPSUM
GYP.D.W.	GYPSUM DRYWALL
GYP.BD.	GYPSUM BOARD
GYP.PL.	GYPSUM PLASTER
H.B.	HOSE BIB
H.C.	HOLLOW CORE
H.M.	HOLLOW METAL
H.V.A.C.	HEAT/VENT/AIR CONDITIONING
H.W.	HOT WATER
HDR.	HEADER
HDW.	HARDWARE
HK.	HOOK(S)
HORIZ.	HORIZONTAL
HR.	HOUR
HT.	HEIGHT
HTG.	HEATING
HWD.	HARDWOOD
H.W.H.	HOT WATER HEATER
I.D.	INSIDE DIAMETER
ILLUS.	ILLUSTRATE(ION)
IN.	INCH
INCL.	INCLUDE(D), (ING)
INS.	INSULATE(D), (ING)
INT.	INTERIOR
JAN.	JANITOR'S CLOSET
JT.	JOINT

L.	LENGTH
L.H.	LEFT HAND
LAM.	LAMINATE
LAV.	LAVATORY
LT.	LIGHT
LTL.	LINTEL
LVR.	LOUVER
LW.	LIGHTWEIGHT
LW.C.	LIGHTWEIGHT CONCRETE
M.C.	MINERAL CORE
MAX.	MAXIMUM
MBR.	MEMBER
MECH.	MECHANICAL
MED.	MEDIUM
MFR.	MANUFACTURER
MH.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
MLD.	MOLDING, MOULDING
MO.	MONTH
MOV.	MOVABLE
MT.	MOUNT(ED), (ING)
MTL.	METAL
MULL.	MULLION
N.I.C.	NOT IN CONTRACT
N.R.	NOISE REDUCTION
N.R.C.	NOISE REDUCTION COEFFICIENT
N.T.S.	NOT TO SCALE
NO.	NUMBER
NOM.	NOMINAL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OH.	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
OPP.HD.	OPPOSITE HAND
ORIG.	ORIGINAL
P.L.	PROPERTY LINE
P.T.D.	PAPER TOWEL DISPENSER
P.T.R.	PAPER TOWEL RECEPTACLE
P.BD.	PARTICLE BOARD
P.LAM.	PLASTIC LAMINATE
PERF.	PERFORATE(D)
PERI.	PERIMETER
PERP.	PERPENDICULAR
PK.	PARKING
PL.	PLATE
PLAS.	PLASTER
PWD.	PLYWOOD
PNT.	PAINT
PR.	PAIR
PREP	PREPARE
PT.	POINT
PTN.	PARTITION
PV.	PAVE(ING)
PVC.	POLYVINYL CHLORIDE
PVMT.	PAVEMENT
R.	RISER
R.A.	RETURN AIR
R.D.	ROOF DRAIN
R.H.	RIGHT HAND
R.O.	ROUGH OPENING
R.O.W.	RIGHT OF WAY
RAD.	RADIUS
RFG.	ROOFING
RFL.	REFLECT(ED), (IVE), (OR)
REF.	REFERENCE
REFR.	REFRIGERATOR
REM.	REMOVE
RES.	RESILIENT
RET.	RETURN
REV.	REVISION
RM.	ROOM
RVS.	REVERSE(SIDE)

S.C.W.	SOLID CORE WOOD
S.D.	STORM DRAIN
SCHED.	SCHEDULE(D)
SEC.	SECTION
SH.	SHELF(VES), (VING)
SHTH.	SHEATHING
SHT.	SHEET
SIM.	SIMILAR
SNT.	SEALANT
SP.	SOUNDPROOF
SPK.	SPEAKER
SPEC.	SPECIFICATION(S)
SQ.	SQUARE
S.S.	STAINLESS STEEL
ST.	STREET
STL.	STEEL
STR.	STRUCTURAL
STD.	STANDARD
STOR.	STORAGE
SUSP.	SUSPENDED
SYS.	SYSTEM
I.E.	THAT IS
T.	TREAD
T.O.C.	TOP OF CURB
T.O.S.	TOP OF STRUCTURE
T.P.D.	TOILET PAPER DISPENSER
T.PTN.	TOILET PARTITION
T.O.STL.	TOP OF STEEL
TEL.	TELEPHONE
TEMP.	TEMPERATURE
THK.	THICK(NESS)
THR.	THRESHOLD
TYP.	TYPICAL
UNF.	UNFINISHED
UR.	URINAL
V.B.	VAPOR BARRIER
V.C.B.	VINYL COVE BASE
V.C.T.	VINYL COMPOSITION TILE
VERT.	VERTICAL
VEST.	VESTIBULE
V.I.F.	VERIFY IN FIELD
VIN.	VINYL
VNR.	VENEER
VOL.	VOLUME
VWC.	VINYL WALL COVERING
W.	WIDTH, WIDE
W.C.	WATER CLOSET
W.H.	WATER HEATER
W.I.	WROUGHT IRON
W.M.	WIRE MESH
W.S.	WEATHERSTRIPPING
WD.	WOOD
WDW.	WINDOW
WP.	WATERPROOFING
WT.	WEIGHT

SYMBOLS

THE FOLLOWING DRAWINGS SYMBOLS INCLUDE, BUT ARE NOT LIMITED TO THOSE TYPICALLY FOUND IN A SET OF CONSTRCTION DOCUMENTS

FLOOR LEVEL LINE



MATCHLINE (SHADED PORTION)

COLUMN GRIDS



ROOM TAG



REVISION TAG



WINDOW TAG

DOOR TAG



NORTH ARROW



BUILDING SECTION TAG



THE SECTION IS TAKEN ALONG THE STRAIGHT LINE OF THE SYMBOL. THE ARROW POINTS IN THE DIRECTION O FTHE VIEW FOR THE SECTION. THE NUMBER IS A REFERENCE TO THE SENCTION DRAWING. IN THIS EXAMPLE DRAWING 1/A101 REPRESENTS DRAWING 6 ON SHEET A101.

WALL SECTION TAG



SEE ABOVE FOR EXPLANATION

ELEVATION TAG



THE ARROW POINTS IN THE DIRECTION OF THE VIEW FOR THE ELEVATION. THE NUMBER IS A REFERENCE TO THE ELEVATION DRAWING. IN THIS EXAMPLE, DRAWING 2 ON SHEET A300

DETAIL KEY



THIS SYMBOL IS A KEY TO A DETAIL DRAWN OF THE AREA WITHIN THE DASHED LINES. THE NUMBER IS A REFERENCE TO THE DETAIL DRAWING. FOR EXAMPLE, DRAWING 1/A101 REPRESENTS DRAWING 1 ON SHEET A101

SHEET NUMBERING

A401

EACH SHEET OF DRAWINGS IS NUMBERED IN THE LOWER RIGHT HAND CORNER. SHEETS ARE NUMBERED FIRST BY SECTION LETTER THEN BY SHEET NUMBER WITHIN THE SECTION. FOR EXAMPLE, SHEET A401 REPRESENTS SHEET 401 WITHIN THE ARCHITECTURAL SECTION.

DRAWINGS

DRAWINGS ARE ORGANIZED ACCORDING TO A "SECTION FROMAT". WITH EACH SECTION DESCRIBING A GENERAL ASPECT OF THE CONSTRUCTION. THE FOLLOWING LISTING ILLUSTRATES A TYPICAL SEQUENCE OF DRAWINGS DEVELOPED FOR A LOGICAL SECTION OF WORK.

SECTION G	GENERAL PROJECT INFORMATION & DRAWINGS
SECTION C	CIVIL DRAWINGS
SECTION A	ARCHITECTURAL DRAWINGS
SECTION S	STRUCTURAL DRAWINGS
SECTION M	MECHANICAL DRAWINGS
SECTION E	ELECTRICAL DRAWINGS
SECTION P	PLUMBING DRAWINGS
SECTION L	LANDSCAPE DRAWINGS

CODE BASIS:

CITY OF SAN ANTONIO, TEXAS CODE OF ORDINANCES, ADOPTED MAY 1, 2015

2015 EDITION INTERNATIONAL CODES WITH CITY OF SAN ANTONIO ADOPTED AMENDMENTS, UTILIZING THE 2015 EDITION INTERNATIONAL BUILDING CODE (2015 I.B.C.) AS THE PRIMARY BUILDING CODE AND 2015 INTERNATIONAL ENERGY CONSERVATION CODE AS THE PRIMARY ENERGY CODE.

PROJECT DESCRIPTION:

The property owner wishes to demolish the deteriorated back addition and construct new restroom facilities in addition to rehabilitating and adapting the existing masonry building to fit today's needs.

DEMOLITION

Southwest addition, Storefront Windows, Transoms (retaining historic fresnel panels), Exterior Doors as noted, Canopy as noted, and Interior Partitions. Reference the drawings for details.

ZONING SUMMARY

Address: 1829 N. New Braunfels Ave.
NCB: 1268 BLK: 4 LOT: 9 KITCHEN SUBDIVISION
C-2 IDZ

2,722 SQUARE FEET EXISTING UNLEASED SPACE FOR FUTURE TENANT(/100 OCCUPANCY FACTOR = ESTIMATED 28 OCCUPANTS)

334 SQUARE FEET DEMOLISHED SUPPORT SPACE

451 SQUARE FEET NEW ADDITION SUPPORT SPACE FOR FUTURE TENANT(/100 OCCUPANCY FACTOR = ESTIMATED 5 OCCUPANTS)

OF EXITS PROVIDED: 2 MINIMUM

ENERGY COMPLIANCE:

PROJECT ENERGY COMPLIANCE NOTES:

1. ASHRAE CLIMATE ZONE 2. R-VALUES, U-FACTORS & SHGC VALUES INDICATED ARE PROJECT MINIMUM REQUIREMENTS.
   - U-FACTOR: .40 MAXIMUM VALUE FENESTRATION
   - U-FACTOR: .65 MAXIMUM VALUE SKYLIGHT
   - U-FACTOR: .83 ENTRANCE DOORS
   - SHGC FACTOR: .25 MAXIMUM VALUE GLAZED FENESTRATION
   - SHGC FACTOR: .35 MAXIMUM VALUE SKYLIGHT
   - R-VALUE CEILING: 38 MINIMUM VALUE
   - R-VALUE WALLS: 13 MINIMUM VALUE
   - R-VALUE ROOF: 25 MINIMUM VALUE
2. REFERENCE & REVIEW THE COMCHECK COMPLIANCE CERTIFICATE AND INSPECTION CHECKLIST PREPARED FOR THE PROJECT PRIOR TO WORK TO CONFIRM PRODUCT OR INSTALLATION REQUIREMENTS.
3. REFER TO MEP DRAWINGS FOR ADDITIONAL CODE COMPLIANCE INFORMATION
4. PROVIDE FIREBARRIER PROTECTION WHERE REQUIRED FOR FLAMMABLE SPRAY FOAM INSULATION PRODUCTS SUCH AS POLYURETHANE
5. 75% OF LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES TO BE HIGH- EFFICACY TYPE.
   - ANY LAMP MEETING THE FOLLOWING MINIMUM EFFICIENCY REQUIREMENTS:
   - 60 LUMENS PER WATT FOR LAMPS OVER 40 WATTS
   - 50 LUMENS PER WATT FOR LAMPS OVER 15 WATTS, BUT NO MORE THAN 40 WATTS
   - 40 LUMENS PER WATT FOR LAMPS RATED AT 15 WATTS OR LESS
   - INCANDESCENT LAMPS ARE EXLCUDED.
6. AIR LEAKAGE BLOWER DOOR TESTING & VERIFICATION WILL BE REQUIRED PER CODE AFTER CREATION OF ALL PENETRATIONS IN THE THERMAL BUILDING ENVELOPE.
7. COMPLY WITH 2015 IECC TABLE 402.4.1.1 "AIR BARRIER AND INSULATION INSTALLATION" FOR AIR SEALAGE REQUIREMENTS.
8. PIPE INSULATION REQUIREMENTS PER CODE.

GENERAL NOTES

1. ALL NOTES REFER TO NEW WORK UNLESS NOTED AS EXISTING.
2. PATCH AND REPAIR ALL AREAS AND SURFACES AFFECTED BY DEMOLITON AS TO PREPARE FOR NEW CONSTRUCTION.
3. GENERAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. THE CONTRACT DOCUMENTS DO NOT REPRESENT A COMPLETE SURVEY OF ALL EXISTING CONDITIONS.
4. THE CONTRACT DOCUMENTS DO NOT SHOW ALL REQUIRED DEMOLITION, REHABILITATION, AND PATCHING CONDITIONS. CONTRACTOR TO DETERMINE THE EXTENTS OF DEMOLITION AND REHABILITATION WORK AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS.
5. REPAIR AT NO COST TO THE OWNER DAMAGE CAUSED TO AREAS AND MATERIALS AFFECTED BY CONSTRUCTION OPERATIONS. EVERY EFFORT IS TO BE MADE TO MAINTAIN A CLEAN PROJECT SITE AS TO MINIMIZE EFFECTS ON NEW WORK AND SENSITIVE HISTORIC COMPONENTS DUE TO THE PRESENCE OF DUST AND DEBRIS.
6. ARCHITECT'S SEAL ON CONSULTANT'S DRAWINGS ATTESTS ONLY TO THE ARCHITECT'S COORDINATION OF THE CONSULTANT'S WORK WITH THAT OF THE ARCHITECT AND DOES NOT IMPLY THE ARCHITECT'S PRACTICE OF ENGINEERING OR OTHER CONSULTANT'S SPECIALTY.
7. ALL SUBCONTRACTORS AND CONSTRUCTION WORKERS MUST READ THE WRITTEN SPECIFICATIONS CONTAINED IN THE PROJECT MANUAL. THE SPECIFICATIONS CONTAIN ADDITIONAL SURFACE PREPARATION OR SURFACE REQUIREMENTS FOR THE BUILDING MATERIALS, PRODUCTS, OR COMPONENTS THAT ARE BEING PLACED OR INSTALLED.
8. THE INSTALLATION/APPLICATION INFORMATION SHOWN IS NOT COMPLETE WITHOUT THE WRITTEN SPECIFICATIONS. IF THE SPECIFICATIONS/PROJECT MANUAL IS NOT WITH THESE DRAWINGS, ASK THE GENERAL CONTRACTOR FOR A COPY TO REVIEW BEFORE BEGINNING YOUR WORK.
9. THE WORD "PROVIDE" WHEN USED IN ANY DOCUMENT RELATING TO THIS PROJECT, INCLUDING BUT NOT LIMITED TO THE DRAWINGS, SPECIFICATIONS, PROPOSAL REQUESTS, CHANGE ORDERS AND OTHER SIMILAR DOCUMENTS, SHALL MEAN TO FURNISH, INSTALL IN PLACE, CONNECT, FINISH, AND COMPLETE READY TO USE FOR ITS INTENDED PURPOSE.
10. CONTRACTOR SHALL PERFORM ALL WORK IN FULL COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL CODES, AGENCIES, AND ORDINANCES HAVING JURISDICTION.
11. ALL MATERIALS RELATED TO THIS WORK SHALL BE SHIPPED, STORED, AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
12. NEITHER THE ARCHITECT, NOR THE ARCHITECT'S CONSULTANTS WILL BE RESPONSIBLE FOR, NOR HAVE CONTROL OR CHARGE OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR SAFETY PRECAUTIONS IN CONNECTION WITH THIS PROJECT. THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS WILL NOT BE RESPONSIBLE FOR NOR HAVE CONTROL OF OR CHARGE OVER THE ACTS OR OMISSIONS OF THE GENERAL CONTRACTOR OR SUBCONTRACTORS, OR ANY OF THEIR AGENTS, EMPLOYEES, OR ASSIGNS PERFORMING ANY OF THE WORK ON THIS PROJECT.
13. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL VISIT THE SITE AND INCLUDE IN HIS BID ALL ADJUSTMENTS AND COSTS AFFECTING EXISTING BUILDING UTILITY SERVICES, I.E. WATER LINES, WASTE LINES, GAS LINES, AND ELECTRICAL SERVICE THAT ARE APPLICABLE TO THE PROJECT.
14. CONTRACTOR SHALL BRING TO THE IMMEDIATE ATTENTION OF THE ARCHITECT ANY OMMISSIONS, ERRORS, OR CONFLICTS IN THE CONSTRUCTION DOCUMENTS OR FIELD CONDITIONS. GENERAL CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS AND CONDITIONS AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ANY WORK.
15. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PROJECT SITE, AND EXISTING UTILITIES CAUSED BY THIS WORK ON THIS PROJECT AND SHALL QUICKLY REPAIR OR REPLACE THE DAMAGE. THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION AT THE BUILDING FOR THIS WORK UNTIL TURNED OVER TO THE OWNER.
16. THE CONSTRUCTION DRAWINGS AND/OR NOTES ARE TO ILLUSTRATE THE GENERAL TYPE OF CONSTRUCTION AND DESIGN DESIRED AND ARE INTENDED TO IMPLY THE FINEST QUALITY OF CONSTRUCTION MATERIAL AND WORKMANSHIP THROUGHOUT.
17. UPON COMPLETION OF THE PROJECT, AN INDEPENDENT REGISTERED ACCESSIBILITY SPECIALIST WILL VISIT THE SITE FOR TDLR CONFORMANCE.
18. GENERAL CONTRACTOR, SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS ARE TO CERTIFY THAT ALL MATERIALS AND PRODUCTS USED IN CONSTRUCTION DO NOT CONTAIN ASBESTOS IN ANY AMOUNT IN ACCORDANCE WITH THE TOXIC SUBSTANCE CONTROL ACT.

BRACKENRIDGE PARK

SAN ANTONIO, TX

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CIVIL ENGINEER
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MEP
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WGI ENGINEERING
HYDROLOGY
755 E MULBERRY AVE, SUITE 501
SAN ANTONIO, TX 78212

Stamp

NOT FOR CONSTRUCTION

Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale

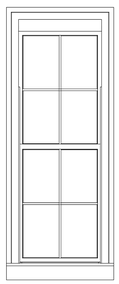
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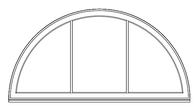
Drawing Title
ABBREVIATIONS, SYMBOLS & LEGENDS

Drawing Number
H0.00

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EXISTING WINDOW SCHEDULE - BRACKENRIDGE PARK PUMP HOUSE																							
		WINDOW				CONDITION ASSESMENT															CONDITION ASSESMENT		
											JAMB COND. (5)		SILL COND. (6)		HEAD COND. (7)		TRIM COND. (8)					
NUMBER	WINDOW TYPE	CONFIG.	WIDTH	HEIGHT	SILL HT.	GLASS (0)	EXT. FINISH (1)	INT. FINISH (2)	SASH (3)	GLAZING (4)	EXT.	INT.	EXT.	INT.	EXT.	INT.	EXT.	INT.	SCREEN COND. (9)	HARDWARE COMMENTS	OPERABLE	COMMENTS
1	WOOD	SINGLE HUNG	3'-0"	7'-9"	2'-0"	A(4) F(4)	D	D	A/F	D	D		F	F					D		Yes	1, UPPER SECTION MISSING
2	WOOD	SINGLE HUNG	3'-0"	7'-9"	2'-0"	A(7) F(1)	D	D				C/F	F						C/D		Yes	1, SILL SKIRT MISSING, WINDOW SEPARATING FROM WALL, ONE PANE OF GLASS PREVIOUSLY REPLACED WITH TEXTURED GLASS
3	WOOD	SINGLE HUNG	3'-0"	7'-9"	2'-0"	A(6) F(2)	D	D		F	C		F	C/D				C/D			Yes	1, PIPE STRAP MOUNTED IN SILL SKIRT
4	WOOD	SINGLE HUNG	3'-0"	7'-9"	2'-0"	A(6) F(2)	D	D					F	C/D				C/D			Yes	1, PIPE STRAP MOUNTED IN SILL SKIRT
5	WOOD	SINGLE HUNG	3'-0"	7'-9"	2'-0"	A(6) F(2)	D	D				C/D			F	F		C/D	D		Yes	BROKEN MUNTIN, 3 PANES COATED WITH FILM - CLEAN
6	WOOD	SINGLE HUNG	3'-0"	7'-9"	2'-0"	A(4) F(4)	D	D				C/D	C					C/D	C		Yes	
7	WOOD	SINGLE HUNG	3'-0"	7'-9"	2'-0"		D	D													Yes	
8	WOOD	SINGLE HUNG	3'-0"	7'-9"	2'-0"		D	D													Yes	
9	WOOD	SINGLE HUNG	3'-0"	7'-9"	2'-0"		D	D													Yes	
10	WOOD	SINGLE HUNG	3'-0"	7'-9"	2'-0"		D	D													Yes	
11	WOOD	SINGLE HUNG	3'-0"	7'-9"	2'-0"		D	D					F								Yes	
12	WOOD	SINGLE HUNG	3'-0"	7'-9"	2'-0"		D	D													Yes	
13	WOOD	HALF ROUND																				
14	WOOD	HALF ROUND																				





WINDOW TYPES

W1

MATERIAL: WOOD
FINISH: PAINTED
STYLE: PAIR CROSS AND BIBLE

W2

WOOD
PAINTED
PAIR FIVE PANEL

DOOR SCHEDULE									
	DOOR			FRAME					
NUMBER	TYPE	WIDTH X HEIGHT	THICKNESS	TYPE	JAMB	HEAD	HARDWARE	FIRE RATING	COMMENTS
02 PUMP HOUSE LEVEL									
D1		Door-Double-Swing - Bible & Cross Style	0'-0"	BRPK Pair Historic Arched Doors					
D2		Door-Double-Swing - Five Panel Style	0'-0"	BRPK Pair Historic Arched Doors					

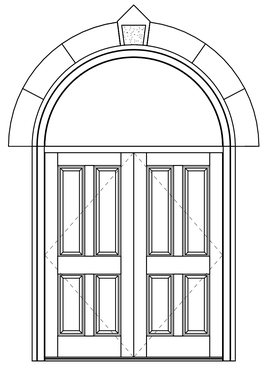
DOOR SCHEDULE NOTES

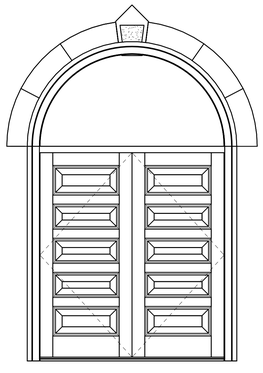
D1: EARLY 20TH CENTURY DOOR. SAND AND PREP FOR RESTAIN AND REFINISHING. INSTALL WEATHERSTRIPPING THRESHOLD AT SILL AND SWEEP.

PROVIDE NEW THRESHOLD, SURROUNDING TRIM.

REHABILITATE ALL EXISTING DOORS. FILL HOLES, SAND, PRIME, AND REPAINT PANELS AND TRIM. INSTALL NEW WEATHERSTRIPPING AND SWEEPS. SAND, PRIME, AND REPAINT PANELS AND SWEEPS.

ALL DOOR KNOBS TO BE REPLACED WITH ACCESSIBLE LEVER STYLE.





DOOR TYPES

D1

MATERIAL: WOOD
FINISH: PAINTED
STYLE: PAIR CROSS AND BIBLE

D2

WOOD
PAINTED
PAIR FIVE PANEL

CONDITION ASSESSMENT GRADING & REHABILITATION LEGEND

GENERAL WINDOW REHABILITATION NOTES:
1. ALL EXTERIOR WINDOWS TO BE REFINISHED. FILL HOLES, SAND, PRIME, AND REPAINT SASHES AND TRIM.
2. REGLAZE WITH TEMPERED GLASS NEAR DOORS AND FINISH FLOOR AS REQUIRED BY CODE. GLASS COLOR TO MATCH EXISTING.
3. REPLACE HARDWARE AS SPECIFIED.
4. REPLACE SEALANT AROUND EXTERIOR PERIMETER

0. GLASS:
- A. EXCELLENT CONDITION.
- B. VERY GOOD CONDITION.
- C. GOOD, BUT PAINT CRACKING.
- D. FAIR, PAINT IS CHIPPING/ DETATCHING.
- F. PAINT HAS FAILED AND EXPOSING WOOD.

REHAB NOTE:
REGLAZE AT "C", "D" AND "F" CONDITIONS..

1. EXTERIOR FINISH:
- A. EXCELLENT CONDITION.
- B. VERY GOOD CONDITION.
- C. GOOD, BUT PAINT CRACKING.
- D. FAIR, PAINT IS CHIPPING/ DETATCHING.
- F. PAINT HAS FAILED AND EXPOSING WOOD.

REHAB NOTE:
SAND, REFINISH AND REPAINT ALL WINDOWS, ALL FACES.

2. INTERIOR FINISH:
- A. EXCELLENT CONDITION.
- B. VERY GOOD CONDITION.
- C. GOOD, BUT PAINT CRACKING.
- D. FAIR, PAINT IS CHIPPING/ DETATCHING.
- F. PAINT HAS FAILED AND EXPOSING WOOD.

REHAB NOTE:
SAND AND REFINISH ALL WINDOWS, ALL FACES.

3. SASH CONDITION:
- A. EXCELLENT CONDITION.
- B. VERY GOOD CONDITION.
- C. GOOD, SEALANT IS CRACKING.
- D. FAIR, SEALANT IS CRACKED AND UNPLYABLE OR MISSING.
- F. SEALANT HAS FAILED, OR MISSING.

REHAB NOTE:
REPAIR OR REPLACE IN KIND AT "C", "D" AND "F" CONDITIONS.

4. GLAZING CONDITION:
- A. EXCELLENT CONDITION.
- B. VERY GOOD CONDITION.
- C. GOOD, SEALANT IS CRACKING.
- D. FAIR, SEALANT IS CRACKED AND UNPLYABLE OR MISSING.
- F. SEALANT HAS FAILED, OR MISSING.

REHAB NOTE:
REGLAZE AT "C", "D" AND "F" CONDITIONS.

5. JAMB CONDITION:
- A. EXCELLENT CONDITION.
- B. VERY GOOD CONDITION.
- C. GOOD, JAMB IS CRACKING.
- D. FAIR, JAMB IS DETERIORATING.
- F. JAMB HAS FAILED AND IS DETERIORATED.

REHAB NOTES:
REPAINT AT ALL CONDITIONS.
REFILL AND PREP FOR REPAINT AT "C" CONDITION. REPLACE AT "D" AND "F" CONDITIONS

6. SILL CONDITION:
- A. EXCELLENT CONDITION.
- B. VERY GOOD CONDITION.
- C. GOOD, SILL IS CRACKING OR EXHIBITS BIO GROWTH.
- D. FAIR, SILL IS DETERIORATING.
- F. SILL HAS FAILED AND IS DETERIORATED.

REHAB NOTES:
REPAINT AT ALL CONDITIONS.
REPAIR, CLEAN AND PREP FOR REPAINT AT "C" CONDITION. REPLACE AT "D" AND "F" CONDITIONS

7. HEAD CONDITION:
- A. EXCELLENT CONDITION.
- B. VERY GOOD CONDITION.
- C. GOOD, HEAD IS CRACKING OR EXHIBITS BIO GROWTH.
- D. FAIR, HEAD IS DETERIORATING.
- F. HEAD HAS FAILED AND IS DETERIORATED.

REHAB NOTES:
REPAINT AT ALL CONDITIONS.
REPAIR, CLEAN AND PREP FOR REPAINT AT "C" CONDITION. REPLACE AT "D" AND "F" CONDITIONS

8. EXTERIOR TRIM CONDITION:
- A. EXCELLENT CONDITION.
- B. VERY GOOD CONDITION.
- C. GOOD, TRIM IS CRACKING.
- D. FAIR, TRIM IS SEVERELY CRACKED AND UNPLYABLE.
- F. TRIM HAS FAILED OR IS MISSING.

REHAB NOTES:
SAND, REFINISH AND REPAINT ALL FACES. FILL CRACKS AT "C" CONDITIONS. REPLACE "D" AND "F" CONDITIONS.
SEAL JOINTS AND WHERE DOOR AND WINDOW PERIMETER TRIM ABUT WALL FINISHES AND SILLS.

INTERIOR TRIM CONDITION:
- A. EXCELLENT CONDITION.
- B. VERY GOOD CONDITION.
- C. GOOD, TRIM IS CRACKING.
- D. FAIR, TRIM IS SEVERELY CRACKED AND UNPLYABLE.
- F. TRIM HAS FAILED OR IS MISSING.

REHAB NOTES:
SAND, REFINISH AND REPAINT ALL FACES. FILL CRACKS AT "C" CONDITIONS. REPLACE "D" AND "F" CONDITIONS.
SEAL JOINTS AND WHERE DOOR AND WINDOW PERIMETER TRIM ABUT WALL FINISHES AND SILLS.

BRACKENRIDGE PARK

SAN ANTONIO, TX

CLIENT:
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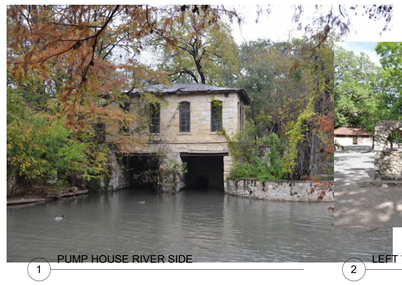
Job Number
CNOS701

Scale North

Drawing Title
DOOR & WINDOW SCHEDULES

Drawing Number
H0.01

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1 PUMP HOUSE RIVER SIDE



2 LEFT VIEW



3 LEFT ENTRY



4 CORNER @ LEFT ENTRY



5 STONE BASE LEFT ENTRY



6 STONE BASE LEFT ENTRY



7 EAVE @ LEFT ENTRY



8 CORNER @ REAR



9 REAR VIEW



10 LEFT OF REAR VIEW



11 EQUIPMENT @ REAR



12 TREE @ REAR



13 RIGHT @ REAR VIEW



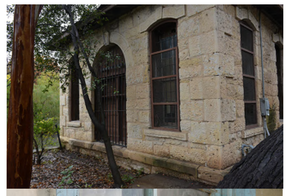
14 RACE WAY



15 STONE BASE @ REAR



16 RIGHT VIEW



17 RIGHT ENTRY



18 FENCE @ RIGHT ENTRY



19 STONE @ RIGHT ENTRY



20 STONE @ RIGHT ENTRY



21 LEFT ENTRY INTERIOR



22 ELECTRICAL PANEL AT LEFT ENTRY



23 RIGHT CORNER AT LEFT ENTRY



24 EXPOSED PIPE



25 REAR INTERIOR VIEW

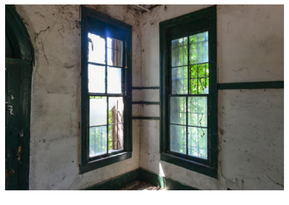


26 RIGHT CORNER REAR

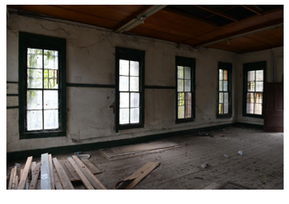
27 DRINKING FOUNTAN



28 RIGHT ENTRY INTERIOR



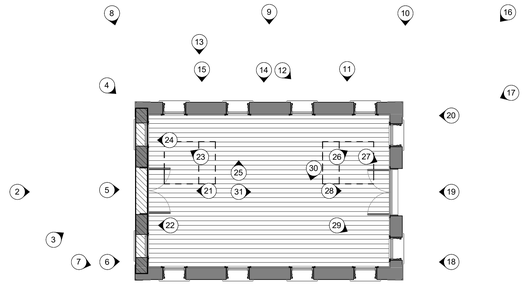
29 RIGHT CORNER



30 FRONT INTERIOR VIEW



31 NON-HIST. PANELS & HIST. CEILING BEYOND



00 PUMP HOUSE LEVEL - KEY PHOTO PLAN

1/8" = 1'-0"

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Drawing Title
EXISTING CONDITIONS PHOTOGRAPHS-PUMP HOUSE

Drawing Number
H0.02

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1 RACE WAY EXTERIOR



2 RACEWAY LEFT BAY ENTRY



3 LEFT BAY INTERIOR WALL



4 PIPE THROUGH LEFT WALL OF LEFT BAY



5 UPPER LEFT WALL AT LEFT BAY



6 RACEWAY FLOOR AT LEFT BAY



7 REAR INFILL WALL AT LEFT BAY



8 REAR WALL OF LEFT BAY WITH CULVERT



9 CULVERT AT LEFT BAY



10 STRUCTURAL BRACING AT LEFT BAY



11 RIGHT WALL AT LEFT BAY



12 DETERIORATED STEEL COLUMN AT LEFT BAY



13 PIPE THROUGH CENTRAL SEPARATING WALL



14 LEFT BAY ENTRY VIEW TOWARD RIVER



15 DETERIORATED STRUCTURE AT LEFT BAY ROOF



16 EXTERIOR DETAIL OF CENTER SEPARATING WALL



17 LEFT WALL AT RIGHT BAY



18 UPPER LEFT WALL AT RIGHT BAY



19 STEEL PIPE COULMN AT RIGHT BAY



20 RIGHT BAY LOOKING UP RACEWAY



21 INFILL STONE AT ARCH AT RIGHT BAY



22 CELING STRUCTURE AT RIGHT BAY



23 REAR INFILL WALL AT RIGHT BAY



24 RIGHT WALL AT RIGHT BAY



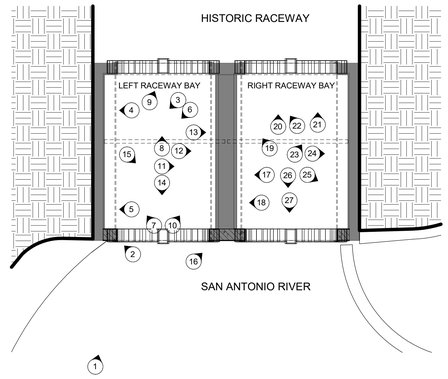
25 CELING STRUCTURE AT RIGHT BAY



26 RIGHT BAY ENTRY VIEW TOWARD RIVER



27 CELING STRUCTURE AT RIGHT BAY



1 RACEWAY LEVEL - KEY PHOTO PLAN
1/8" = 1'-0"

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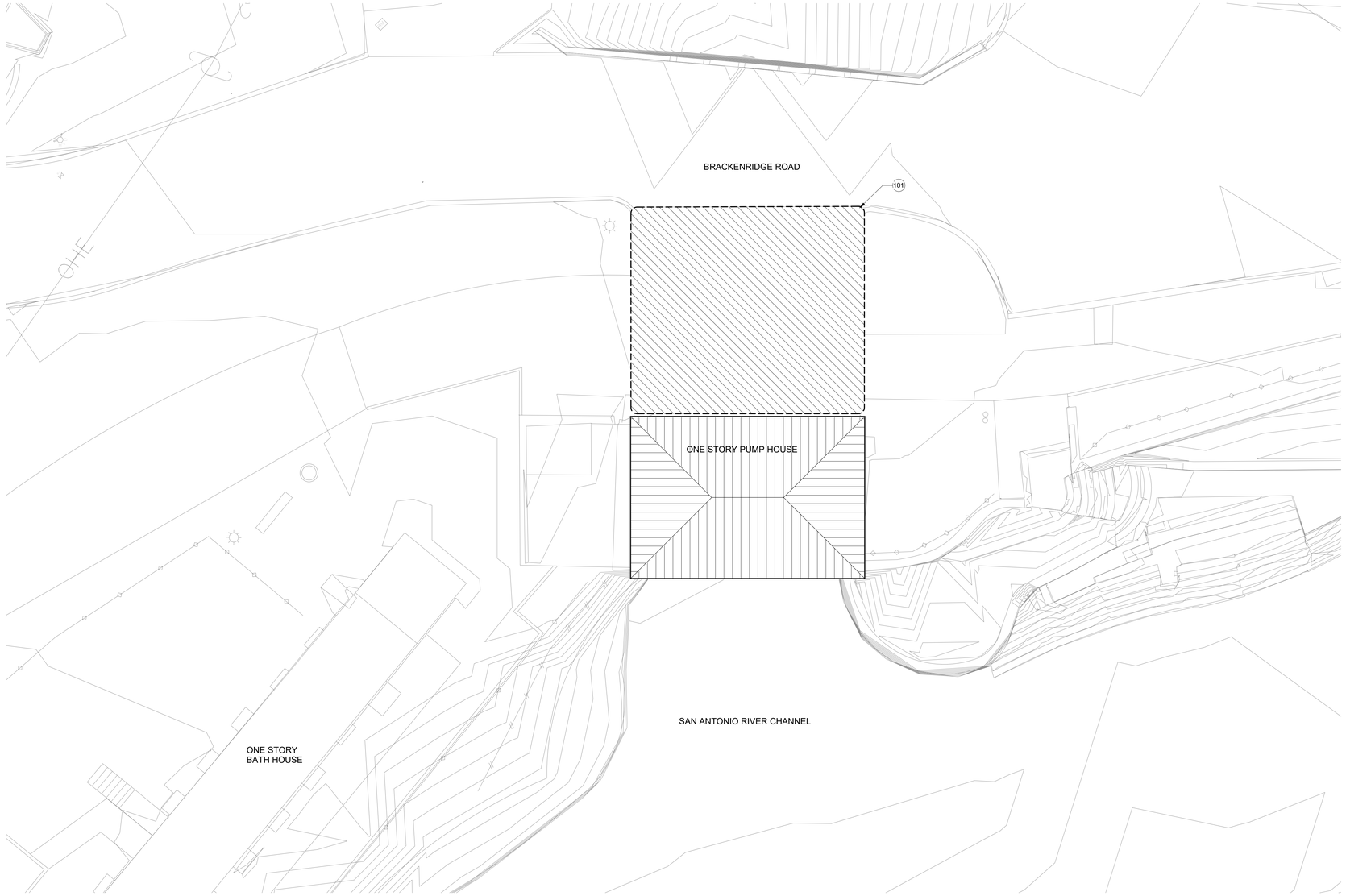
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Drawing Title
EXISTING CONDITIONS PHOTOGRAPHS-RACEWAY

Drawing Number
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1 SITE - REHABILITIATION PLAN
1/8" = 1'-0"

SITE PLAN GENERAL NOTES:

1. REFER TO LANDSCAPE DRAWINGS FOR INTERPRETIVE AND WAYFINDING SIGNAGE, FENCE TYPOLOGY, SITE PATHWAYS, PLANTING PLAN, SITE LIGHTING, TRASH RECEPTACLE, BENCHES, DRINKING FOUNTAIN, AND OTHER SITE AMENITIES AND FEATURES.
2. REFER TO CIVIL AND LANDSCAPE ARCHITECT DRAWINGS FOR SITE GRADING MODIFICATIONS TO PROVIDE NEW ADA PATHWAYS TO AND AROUND STRUCTURE.
3. REFER TO CIVIL AND ELECTRICAL DRAWINGS FOR SITE LIGHTING TO IMPROVE SAFETY AND SECURITY WITH DARK SKY DESIGN GUIDELINES.

SITE PLAN KEY NOTES	
NOTE NUMBER	DESCRIPTION
101	ALTERNATE: RECONSTRUCT historic raceway FOR interpretation of the Pumphouse's historic function and the story of water management in the region. REFER TO CIVIL AND LANDSCAPE DRAWINGS.

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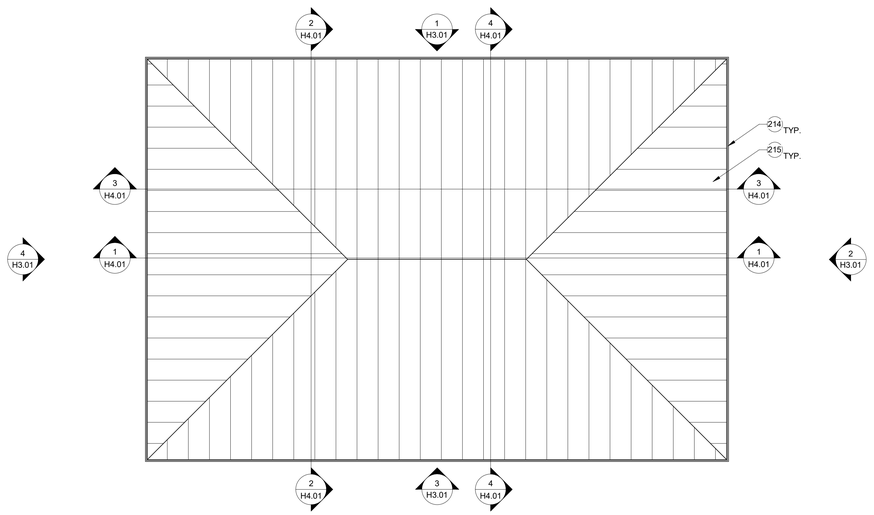
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Drawing Title
SITE REHABILITATION PLAN

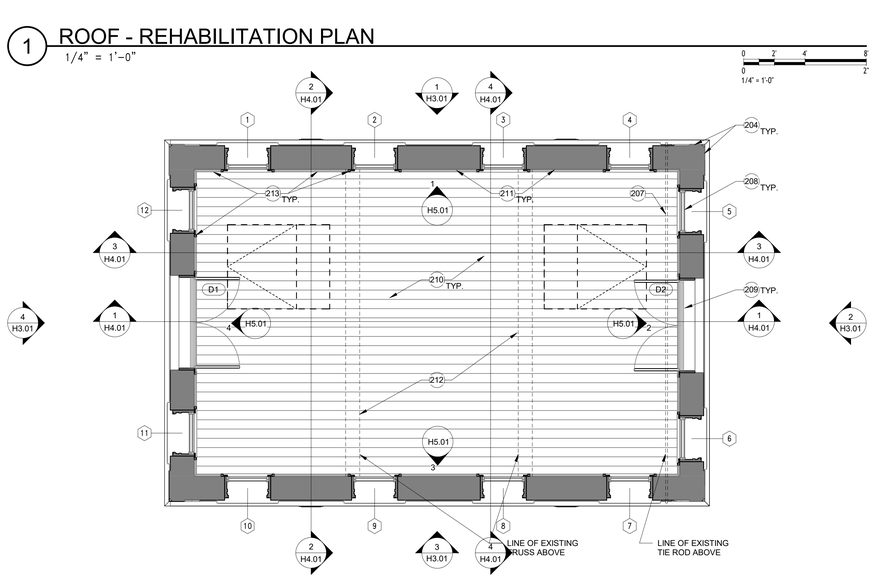
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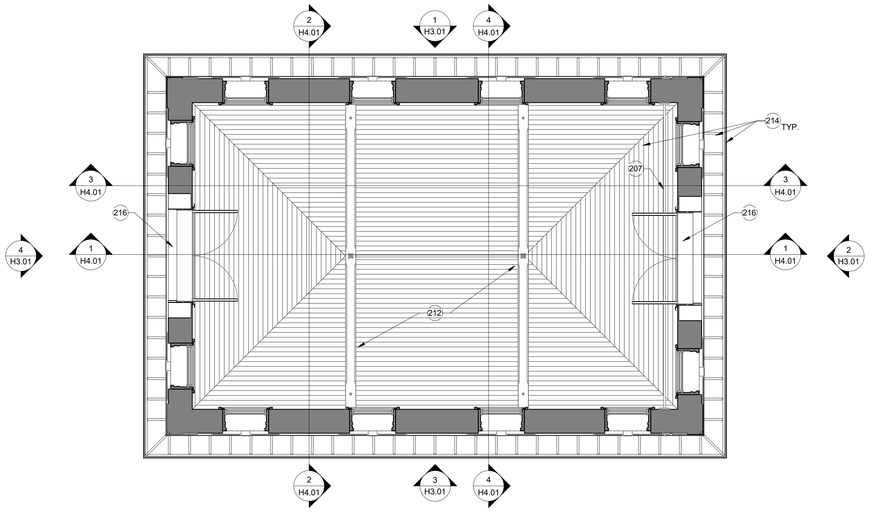
1 ROOF - REHABILITATION PLAN

1/4" = 1'-0"



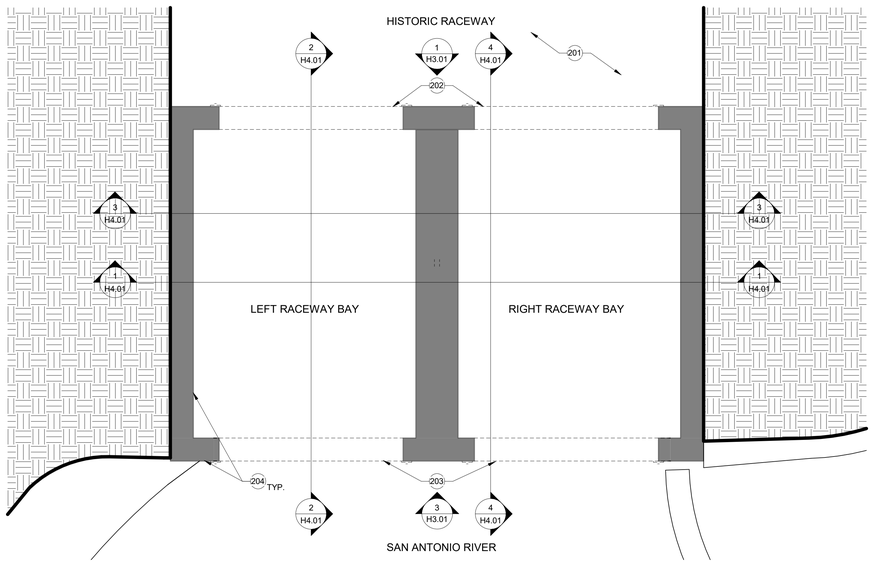
2 PUMP HOUSE LEVEL - REHABILITATION PLAN

1/4" = 1'-0"



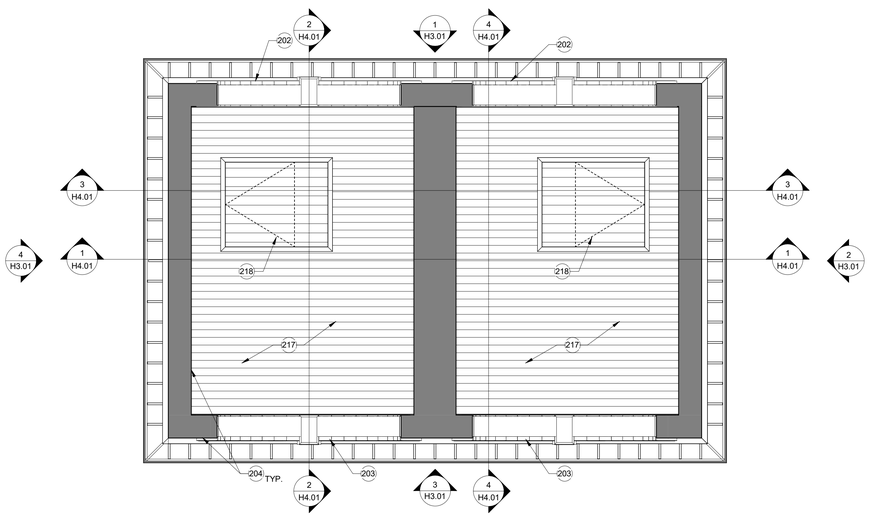
4 PUMP HOUSE LEVEL - REHABILITATION RCP

1/4" = 1'-0"



3 RACEWAY LEVEL - REHABILITATION FLOOR PLAN

1/4" = 1'-0"



55 RACEWAY LEVEL - REHABILITATION RCP

1/4" = 1'-0"

HP GENERAL NOTES - FLOOR PLANS

NUMBER	NOTES
1	REFER TO SHEET A0.00 FOR GRAPHIC SYMBOLS AND LIST OF ABBREVIATIONS.
2	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
3	REFER TO HISTORIC PRESERVATION SPECIFICATIONS FOR SPECIFIC PRODUCTS, TREATMENT PROCEDURES, MOCK-UPS, AND QUALITY CONTROL REQUIREMENTS FOR HISTORIC REHABILITATION WORK.
4	REFER TO ARCHITECT'S, LANDSCAPE ARCHITECT'S, AND CONSULTING ENGINEERS' DRAWINGS AND SPECIFICATIONS FOR THE FULL SCOPE OF WORK TO BE COORDINATED BY THE GENERAL CONTRACTOR WITH THE HISTORIC REHABILITATION WORK.
5	REFER TO "D" AND "HD" DRAWING SHEETS AND SPECIFICATION SECTION 02 4296 - HISTORIC REMOVAL AND DISMANTLING FOR SALVAGED HISTORIC MATERIALS AND FEATURES TO BE REHABILITATED OR REPLICATED IN-KIND FOR INCORPORATION INTO NEW WORK.
6	THESE DRAWINGS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK. THE GENERAL CONTRACTOR SHALL INFORM THE HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN OR SIGNIFICANT DEVIATIONS FROM THE GENERAL REPRESENTATION OF THE EXISTING CONDITIONS THAT MAY IMPACT THE WORK.
7	REASONABLE ASSUMPTIONS AND/OR OBSERVATIONS OF EXISTING MATERIALS, FEATURES, AND STRUCTURAL ELEMENTS DURING THE HISTORIC PRESERVATION ARCHITECT'S PRELIMINARY CONDITION ASSESSMENT WORK APPEAR IN SECTIONS AND DETAILS IN GRAY TO PROVIDE GENERAL CONTEXT FOR NEW WORK. THESE ASSUMPTIONS SHALL BE CONFIRMED BY THE GENERAL CONTRACTOR AND SUB-CONTRACTORS PRIOR TO BEGINNING WORK.
8	NOT ALL KEYNOTES APPEAR IN EACH DRAWING SHEET. REFER TO INDIVIDUAL SHEET FOR SPECIFICATIONS NOTES.
9	ALL DIMENSIONS OF EXISTING CONDITIONS SHALL BE TAKEN FROM FACE OF FINISHED WALL UNLESS NOTED ON PLANS AND DETAILS. VERIFY ALL DIMENSIONS IN FIELD.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR DISMANTLING PROCEDURES OR EXECUTION OF NEW WORK. PROTECT ALL ELEMENTS, HISTORIC OR OTHERWISE, DURING ALL PHASES OF CONSTRUCTION OPERATIONS. SECURE THE SITE AND BUILDING FROM INTRUSION OR VANDALISM WHEN ACTIVE CONSTRUCTION OPERATIONS CEASE. TAKE NECESSARY PRECAUSTIONS TO SAFEGUARD THE HEALTH, SAFETY, AND WELL-BEING OF THE KEYSTONE SCHOOL'S STUDENTS, FACULTY, AND STAFF WHEN SCHOOL IS IN SESSION OR DURING AFTER-HOURS EVENTS.
11	REFER TO SPECIFICATION SECTION 01 7329 - CUTTING AND PATCHING FOR SPECIAL PRECAUTIONS AND REQUIREMENTS. PROTECT ALL EXISTING MATERIAL, FEATURES, AND STRUCTURE, HISTORIC OR OTHERWISE, TO REMAIN/WHERE NEW WORK IS TO OCCUR. PATCH AND REPAIR ANY DAMAGE RESULTING FROM DEMOLITION, SELECTIVE DISMANTLING, OR NEW WORK. MATCH ADJACENT FINISHES AND COLORS.
12	GENERAL CONTRACTOR TO INSTITUTE AND ENFORCE ROBUST FIRE PROTECTION AND FIRE WATCH PROTOCOLS AS PART OF A COMPREHENSIVE JOBSITE SAFETY PROGRAM TO ENSURE WORKER SAFETY AND PROTECTION OF THE HISTORIC WOOD-FRAMED BUILDING AND SURROUNDING SCHOOL PROPERTY.
13	GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INSTITUTING AND ENFORCING FALL PROTECTION PROTOCOLS AS PART OF A COMPREHENSIVE JOBSITE SAFETY PROGRAM TO ENSURE WORKER SAFETY DURING ROOFING OPERATIONS. THIS SHALL ENCOMPASS, BUT IS NOT LIMITED TO, A RANGE OF SAFETY MEASURES, INCLUDING PERSONAL PROTECTIVE EQUIPMENT (PPE) LIKE HARNESSES AND LANYARDS, TEMPORARY GUARDRAILS AND BARRIERES, SAFETY NETS, AND ADHERENCE TO CITY, STATE, AND FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
14	PROTECT CEILING, WALLS, FLOORS AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN AND ARE EXPOSED DURING ROOF REPLACEMENT OPERATIONS.
15	REPAIR ROOF STRUCTURAL MEMBERS AND INSTALL NEW DECK AS REQUIRED AFTER ROOF REMOVAL PER STRUCTURAL ENGINEER'S DRAWINGS AND SPECIFICATIONS. PREPARE SURFACES OF ROOF DECK PER ROOF WATERPROOF MEMBRANE MANUFACTURER'S INSTRUCTIONS.
16	REFER TO MEP ENGINEER'S DRAWINGS AND SPECIFICATIONS FOR LOCATION OF NEW PENETRATIONS IN ROOF. NEW ROOF PENETRATIONS TO BE ON THE REAR OF THE STRUCTURE WHERE POSSIBLE TO LIMIT VISIBILITY FROM THE RIGHT-OF-WAY. DRAWINGS MAY NOT SHOW OR INCLUDE DETAIL KEYS FOR ALL PENETRATIONS. IT SHALL REMAIN THE GENERAL CONTRACTOR'S RESPONSIBILITY TO INCLUDE WITHIN ITS BID ALL ROOFING, FLASHING, SUPPORTS, EQUIPMENT RELOCATION, ETC., FOR A COMPLETE JOB. IN THE ABSENCE OF A SPECIFIC DETAIL THE CONTRACTOR SHALL INCLUDE INSTALLATIONS MEETING THE ROOF SYSTEM MANUFACTURER'S STANDARD ASSEMBLY.
17	REFER TO INSTALLATION INSTRUCTIONS AND REQUIREMENTS FOR MATERIAL HANDLING AND STORAGE FOR WIP WATERPROOF MEBRANE UNDERLAYMENT MANUFACTURER AND METAL ROOF PANEL MANUFACTURER. MANUFACTURERS' TECHNICAL REPRESENTATIVES SHALL BE ENGAGED FOR PRE-INSTALLATION MEETINGS AND PERIODIC OBSERVATIONS OF THE WORK TO ENSURE WORK COMPLIES WITH MANUFACTURERS' WARRANTY CONDITIONS REQUIREMENTS.
18	THE SUBSTRATE SHALL BE CLEAN AND DRY PRIOR TO ROOF INSTALLATION.
19	ALL MASONRY MATERIALS AND SUBSTRATE SHALL BE PRIMED PER WIP WATERPROOF MEMBRANE UNDERLAYMENT MANUFACTURER'S INSTALLATION REQUIREMENTS AND GUIDELINES.
20	WHEN INSTALLING WIP WATERPROOF MEMBRANE UNDERLAYMENT, WORK FROM BOTTOM OF SLOPE UP THE ROOF TO FORM WATER SHEDDING LAPS. LAP WIDTHS SHALL COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
21	WHEN INSTALLING WIP WATERPROOF MEMBRANE UNDERLAYMENT, COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR INSIDE AND OUTSIDE CORNER PATHCES. MODIFY RELIEF CUTS IN PATCH AS REQUIRED.
22	COVER ALL EXPOSED WIP WATERPROOF MEMBRANE FLASHING WITH METAL FLASHING, METAL ROOF PANELS, BEVELED WOOD WALL SIDING, OR WOOD SHINGLE WALL SIDING. SEQUENCE WORK TO LIMIT EXPOSURE OF UNDERLAYMENT AND MEMBRANE FLASHINGS PER MANUFACTURER'S RECOMMENDATIONS.
23	PROVIDE DIVERTER ABOVE ENTRY DOORS TO PROMOTE POSITIVE RUNOFF TO EITHER SIDE.

HP FLOOR PLAN KEY NOTES

NOTE NUMBER	DESCRIPTION
201	ALTERNATE: RECONSTRUCT HISTORIC RACEWAY. REFER TO LANDSCAPE ARCHITECT, STRUCTURAL ENGINEER, AND CIVIL ENGINEER.
202	CLEAN, REPAIR, AND REPOINT EXISTING MASONRY ARCH ABOVE.
202	CLEAN, REPAIR, AND REPOINT EXISTING MASONRY ARCH.
203	REPAIR DAMAGED LIMESTONE MASONRY ARCHES AT RACEWAY LEVEL ON SOUTHWEST FAÇADE OF BUILDING BASED ON SURVIVING ARCHES ON NORTHEAST FAÇADE.
204	REHABILITATE EXISTING LIMESTONE MASONRY WALL BY CLEANING, REPAIRING, AND REPOINTING ALL MASONRY SURFACES. REFER TO SHEET H3.01 AND H3.02 FOR GENERAL MASONRY REHABILITATION NOTES.
207	REPAIR AND PAINT EXISTING TIE ROD AND EXPOSED END PLATES ABOVE. REFER TO STRUCTURAL ENGINEER.
207	REPAIR AND PAINT EXISTING TIE ROD AND EXPOSED END PLATES. REFER TO STRUCTURAL ENGINEER.
208	REHABILITATE EXISTING SINGLE-HUNG WOOD WINDOWS. REFER TO SHEET H0.02 FOR GENERAL WOOD WINDOW REHABILITATION SCHEDULE AND NOTES.
209	REHABILITATE EXISTING WOOD DOOR. REFER TO SHEET H0.02 FOR GENERAL WOOD DOOR REHABILITATION SCHEDULE AND NOTES.
210	REPLACE DETERIORATED WOOD FLOOR FRAMING WITH NEW WOOD FLOORING OVER 3/4" TONGUE & GROOVE EXTERIOR GRADE PLYWOOD WITH 2X4 TREATED WOOD FURRING AND NEW STRUCTURAL STEEL FLOOR FRAMING. REFER TO STRUCTURAL ENGINEER.
211	CLEAN, REPAIR AND REPAINT ALL EXISTING INTERIOR GYPSUM PLASTER WALLS.
212	REPAIR AND REPAINT EXISTING WOOD ROOF TRUSS ABOVE. REFER TO STRUCTURAL ENGINEER.
212	REPAIR AND REPAINT EXISTING WOOD ROOF TRUSS. REFER TO STRUCTURAL ENGINEER.
213	CLEAN, REPAIR AND REPAINT ALL EXISTING INTERIOR WOOD TRIM.
214	CLEAN, REPAIR AND REPAINT ALL EXISTING WOOD PLANK ROOF SUBDECK, SOFFITS, RAFTER TAILS, FASCIA BOARDS AND CORNICE BOARDS. MATCH DIMENSIONS, PROFILES AND SPECIES OF HISTORIC FEATURES FOR NEW COMPONENTS TO REPLACE DETERIORATED EXTERIOR WOOD FEATURES.
215	PROVIDE AND INSTALL NEW FLAT-SEAMED METAL ROOF WITH NEW EXTERIOR GRADE PLYWOOD SUBROOF AND 2 1/2" THICK RIGID INSULATION OVER REPAIRED EXISTING TONGUE-AND-GROOVE WOOD DECKING.
216	REHABILITATE EXISTING WOOD TRANSOM WINDOW. REFER TO SHEET H0.02 FOR GENERAL WOOD WINDOW REHABILITATION SCHEDULE AND NOTES.
217	NEW TONGUE & GROOVE SOFFIT ON 2X4 TREATED WOOD FURRING ON STRUCTURAL STEEL FLOOR FRAMING. REFER TO STRUCTURAL ENGINEEER.
218	FLOOR ACCESS DOOR AND MECHANICAL MEZZANINE PLATFORM. REFER TO ARCHITECT, STRUCTURAL, AND MEP ENGINEER.

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Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

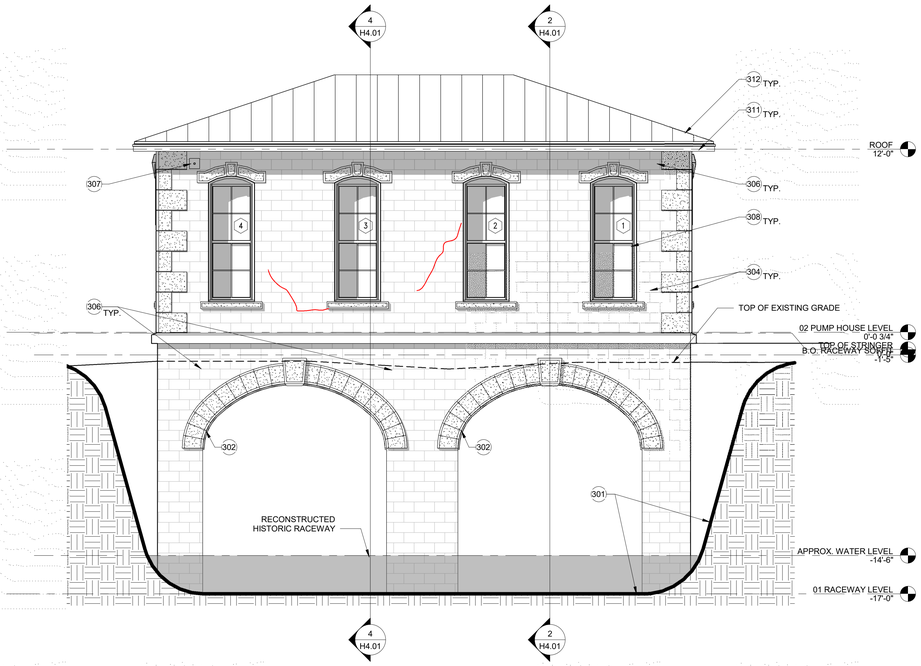
Job Number
CNOS701

Scale North

Drawing Title
REHABILITATION FLOOR & PLANS

Drawing Number
H2.01

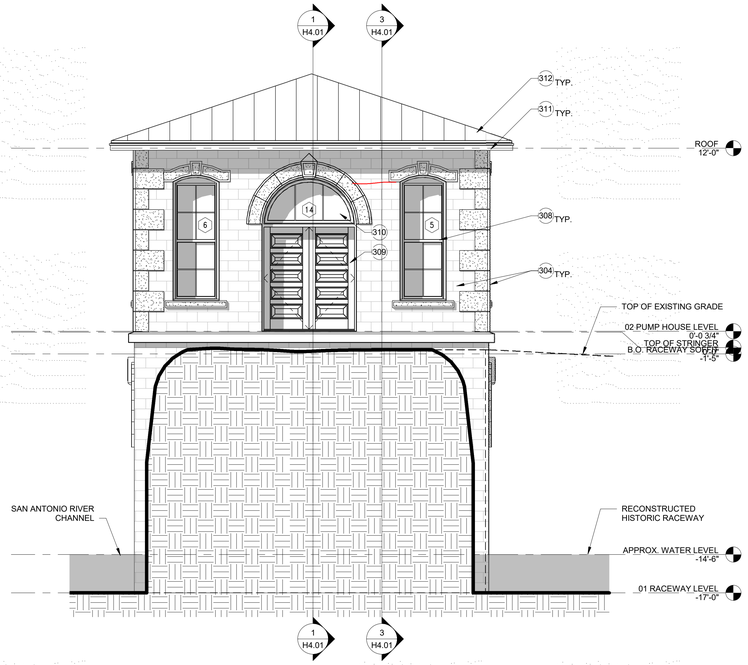
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1 NORTH ELEVATION - REHABILITATION

1/4" = 1'-0"

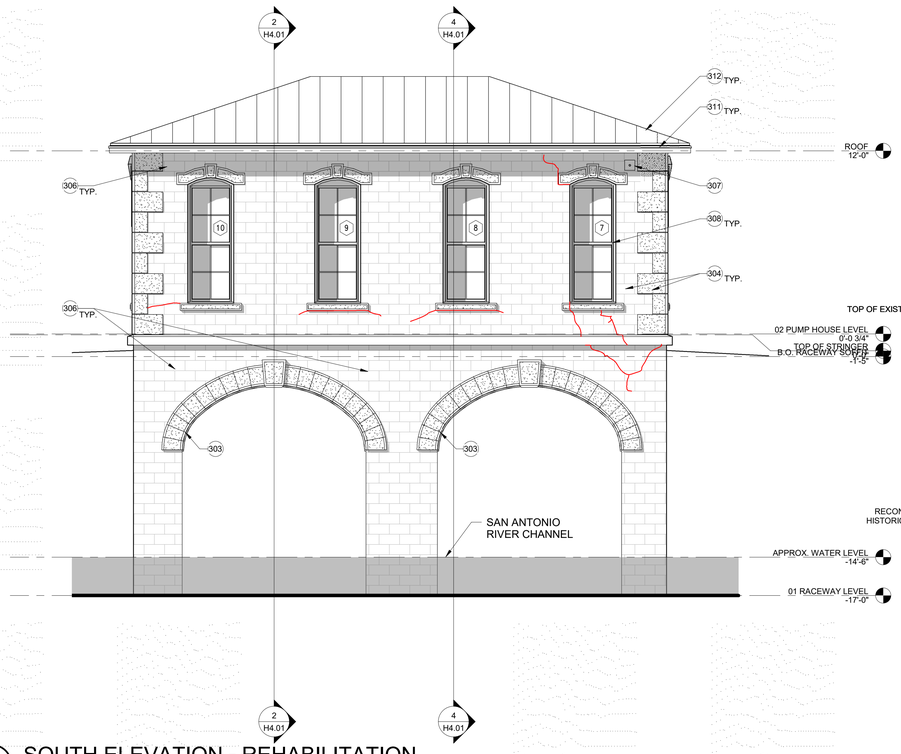
0 2' 4' 8'
0 1/4" = 1'-0" 2'



2 EAST ELEVATION - REHABILITATION

1/4" = 1'-0"

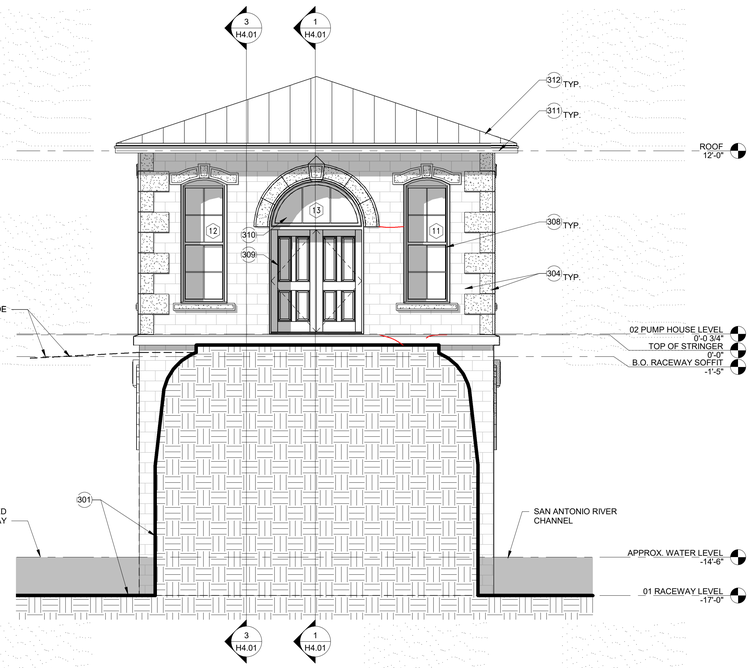
0 2' 4' 8'
0 1/4" = 1'-0" 2'



3 SOUTH ELEVATION - REHABILITATION

1/4" = 1'-0"

0 2' 4' 8'
0 1/4" = 1'-0" 2'



4 WEST ELEVATION - REHABILITATION

1/4" = 1'-0"

0 2' 4' 8'
0 1/4" = 1'-0" 2'

CONDITION ASSESSMENT LEGEND

- MATERIAL LOSS
- MATERIAL DAMAGE
- FINISH DAMAGE
- HISTORIC OVER-PAINTING / SIGNAGE
- MAJOR CRACK
- MINOR / HAIRLINE CRACK
- NON-HISTORIC MATERIAL
- PREVIOUS PATCH / REPAIR
- NON-HISTORIC FINISH / OVER-PAINTING
- STAINING / BIOLOGICAL GROWTH
- PREVIOUS CRACK REPAIR
- MAJOR WATER DAMAGE
- MINOR WATER DAMAGE / STAINING
- MAJOR WALL DAMAGE (PLAN)
- MODERATE WALL DAMAGE (PLAN)
- MINOR WALL DAMAGE (PLAN)

EXTERIOR ELEVATION PLAN KEY NOTES

NOTE NUMBER	DESCRIPTION
301	RECONSTRUCT HISTORIC RACEWAY. REFER TO LANDSCAPE ARCHITECT AND CIVIL.
302	CLEAN, REPAIR, AND REPOINT EXISTING MASONRY ARCH.
303	RECONSTRUCT DAMAGED LIMESTONE MASONRY ARCHES AT RACEWAY LEVEL ON SOUTHWEST FAÇADE OF BUILDING BASED ON SURVIVING ARCHES ON NORTHEAST FAÇADE.
304	REHABILITATE EXISTING LIMESTONE MASONRY WALL BY CLEANING, REPAIRING, AND REPOINTING ALL MASONRY SURFACES. REFER TO GENERAL MASONRY REHABILITATION NOTES.
306	ADD NEW STEEL TIE ROD AND EXPOSED END PLATES ABOVE, PAINTED. REFER TO STRUCTURAL ENGINEER.
307	REPAIR AND PAINT EXISTING TIE ROD AND EXPOSED END PLATES. REFER TO STRUCTURAL ENGINEER.
308	REHABILITATE EXISTING SINGLE-HUNG WOOD WINDOWS. REFER TO SHEET H0.02 FOR GENERAL WOOD WINDOW REHABILITATION SCHEDULE AND NOTES.
309	REHABILITATE EXISTING WOOD DOOR. REFER TO SHEET H0.02 FOR GENERAL WOOD DOOR REHABILITATION SCHEDULE AND NOTES.
310	REHABILITATE EXISTING WOOD TRANSOM WINDOW. REFER TO SHEET H0.02 FOR GENERAL WOOD WINDOW REHABILITATION SCHEDULE AND NOTES.
311	CLEAN, REPAIR AND REPAINT ALL EXISTING WOOD PLANK ROOF SUBDECK, SOFFITS, RAFTER TAILS, FASCIA BOARDS AND CORNICE BOARDS. MATCH DIMENSIONS, PROFILES AND SPECIES OF HISTORIC FEATURES FOR NEW COMPONENTS TO REPLACE DETERIORATED EXTERIOR WOOD FEATURES.
312	PROVIDE AND INSTALL NEW FLAT-SEAMED METAL ROOF WITH NEW EXTERIOR GRADE PLYWOOD SUBROOF AND 2 1/2" THICK RIGID INSULATION OVER REPAIRED EXISTING TONGUE-AND-GROOVE WOOD DECKING.

HP GENERAL NOTES - ELEVATIONS

NUMBER	NOTES
1	ALL ELEMENTS OF THE FAÇADE ARE TO HAVE EXISTING SEALANTS REMOVED AND ARE TO BE RESEALED. THE PERIMETERS OF ALL HOSE BIBS, LIGHT FIXTURES, PIPES, VENTS, ELECTRICAL BOXES, AND OTHER EXTERIOR ENVELOPE PENETRATIONS SHALL BE SEALED.
2	DRAWINGS MAY NOT INDICATE ALL EXISTING CRACKS IN MASONRY. GENERAL CONTRACTOR TO BASE MASONRY REPAIR AND REPOINTING ESTIMATES UPON ACTUAL FIELD CONDITIONS. REFER TO SPECIFICATION SECTION 04 0342 - HISTORIC MASONRY REPAIR AND REPOINTING.
3	DUE TO VARIATION IN WEATHERING AND PATINA OF THE HISTORIC POINTING MORTAR, REPOINTING MAY REQUIRE MORE THAN ONE MORTAR COLOR SELECTION PER FAÇADE. MULTIPLE REPOINTING MORTAR COLORS MAY BE REQUIRED.
4	ALL BRICK MASONRY IS INTENDED TO RETAIN OR REVEAL ITS NATURAL AND UNPAINTED FINISH.
5	BACK PRIME ALL HISTORIC WOOD MATERIALS TEMPORARIALLY REMOVED PRIOR TO RE-INSTALLATION. PRIME AND PAINT ALL EXPOSED SURFACES OF HISTORIC WOOD MATERIALS AS INDICATED IN PAINT SCHEDULE.
6	BACK PRIME ALL NEW AND REPAIR WOOD MATERIALS ON ALL SIX SIDES PRIOR TO INSTALLATION. PRIME AND PAINT ALL EXPOSED SURFACES OF NEW AND REPAIR WOOD MATERIALS AS INDICATED IN PAINT SCHEDULE.
7	CAREFULLY EXTRACT INVASIVE VINES IMBEDDED IN GAPS BETWEEN WINDOW AND DOOR FRAMES AT MASONRY OPENINGS.
8	CLEAN BIOLOGICAL GROWTH AND ENVIRONMENTAL STAINS FROM MASONRY SURFACES USING GENTLEST MEANS POSSIBLE.
9	PATCH AND REPAIR HOLES FROM FORMER UTILITY CONNECTIONS WITH APPROPRIATE LIME-BASED PATCH MATERIALS.
10	REMOVE PREVIOUS INAPPROPRIATE PORTLAND CEMENT PATCHES AND REPAIRS. REPLACE WITH APPROPRIATE LIME-BASED MORTAR REPAIR MATERIALS.
11	REMOVE DETERIORATED MASONRY JOINTS AND REPOINT USING APPROPRIATE LIME-BASED MORTAR MATERIALS.
12	REINFORCE SEVERE THROUGH-WALL CRACKS WITH CONCEALED STAINLESS STEEL AND/OR CARBON FIBER DEVICES.
13	REPLACE SEVERELY DAMAGED MASONRY BLOCKS THAT CANNOT BE PATCH REPAIRED WITH NEW OR SALVAGED LIMESTONE WITH SIMILAR PHYSICAL AMD AESTHETIC PROPRERTIES.
14	APPLY CONSOLIDANTS, SEALER, AND GRAFFITI-RESISTANT COATINGS AS REQUIRED TO AID IN PROTECTION OF OF MASONRY SURFACES FROM WEATHERING AND VANDALISM.
15	REFER TO WINDOW REHABILITATION SPECIFICATIONS AND WINDOW SCHEDULE FOR REHABILITATION WORK.
16	RESTORE ALL WINDOW COMPONENTS THAT ARE NOT TOO SEVERELY DETERIORATED, INCLUDING SASH RAILS, STILES, MUNTIN BARS, GLAZING COMPOUND AND GLASS.
17	REPLACE MISSING OR SEVERELY DAMAGED WINDOWS AND/OR WINDOW COMPONENTS TO MATCH DIMENSIONS, PROFILES, AND SPECIECS OF HISTORIC WINDOWS.
18	REFER TO DOOR REHABILITATION SPECIFICATIONS AND DOOR SCHEDULE FOR REHABILITATION WORK.
19	RESTORE EXISTING HISTORIC DOORS AND HARDWARE. RETAINING AS MUCH AUTHENTIC HISTORIC MATERIAL AS POSSIBLE. REPLACE DOOR EXISTING DOOR KNOBS WITH ADA-COMPLIANT LEVER HARDWARE.
20	REPLACE MISSING OR SEVERELY DAMAGED DOORS AND/OR DOOR COMPONENTS TO MATCH DIMENSIONS, PROFILES, AND SPECIECS OF HISTORIC DOORS.
21	REPLACE SEVERELY DETERIORATED WOOD THRESHOLDS WITH NEW BRONZE, ADA-COMPLIANT, THRESHOLDS.

BRACKENRIDGE PARK

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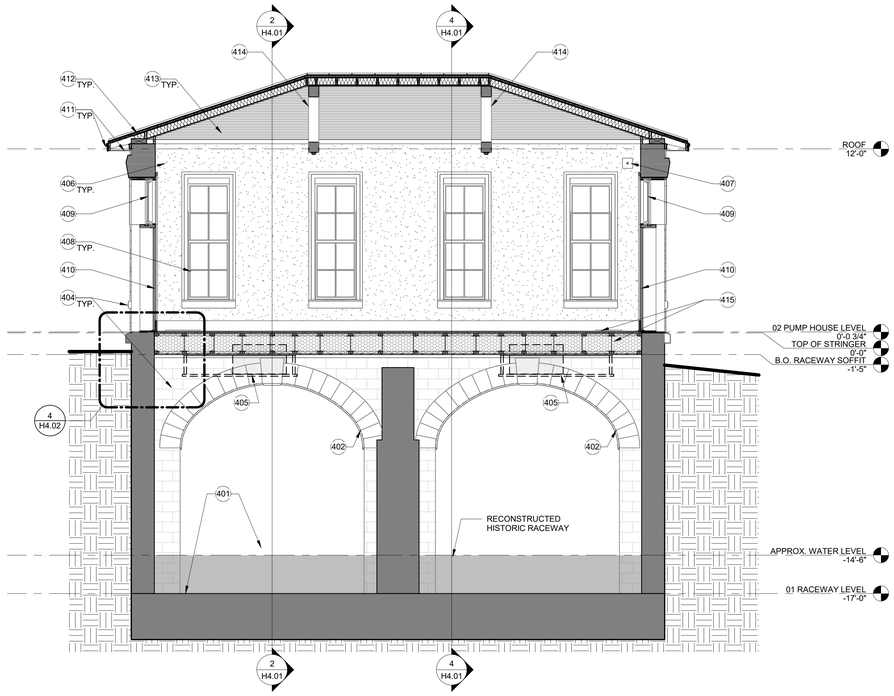
Job Number
CNOS701

Scale North

Drawing Title
EXTERIOR ELEVATIONS - REHABILITATION

Drawing Number
H3.01

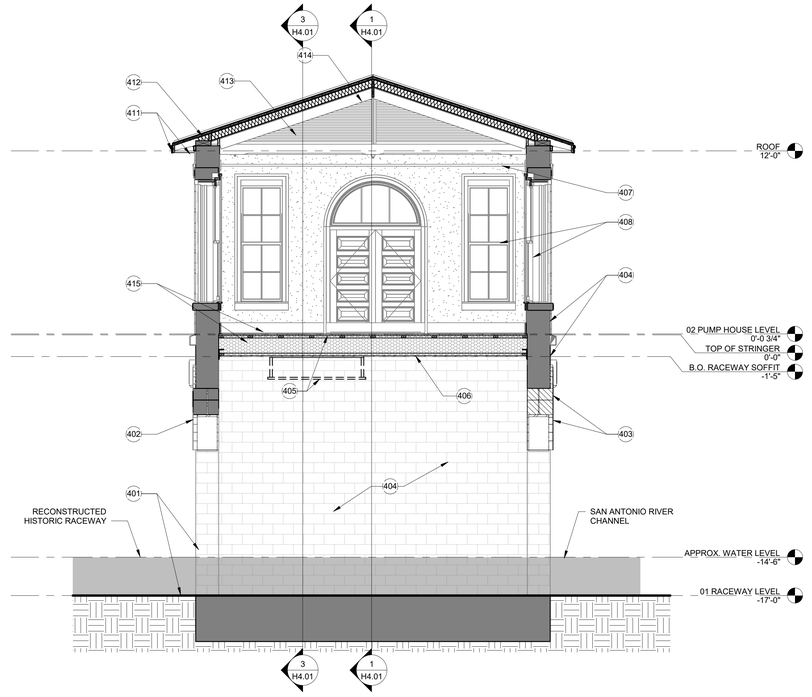
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1 LONGITUDINAL SECTION - REHABILITATION

1/4" = 1'-0"

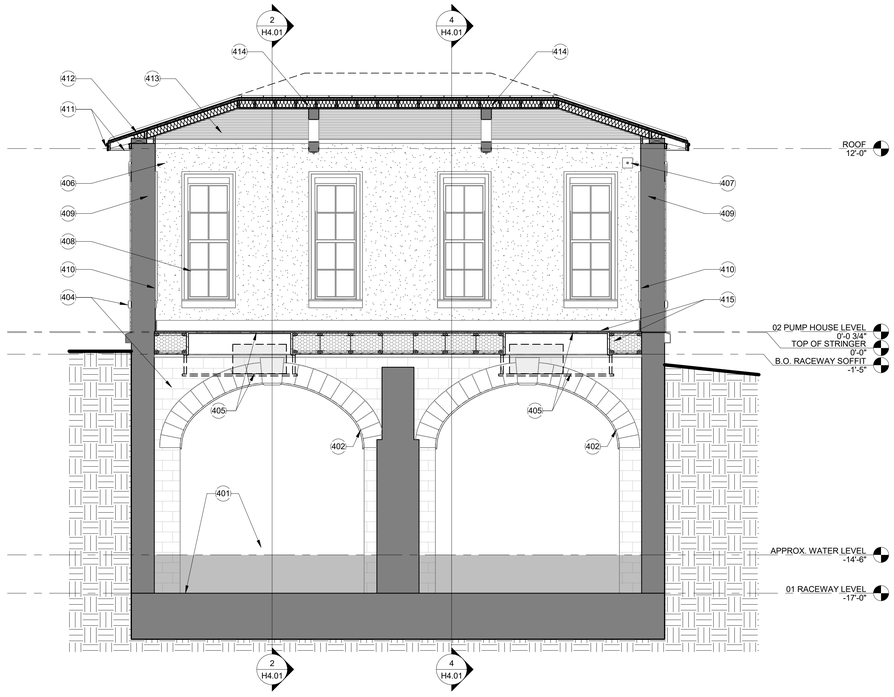
0 2' 4' 8'
0 1/4" = 1'-0" 2'



4 TRANSVERSE SECTION - REHABILITATION1

1/4" = 1'-0"

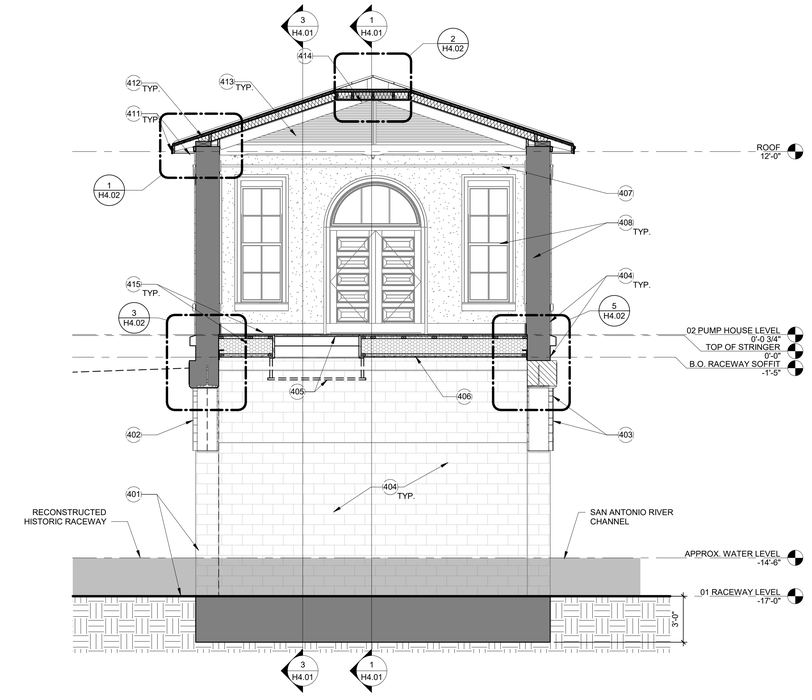
0 2' 4' 8'
0 1/4" = 1'-0" 2'



3 LONGITUDINAL SECTION - REHABILITATION1

1/4" = 1'-0"

0 2' 4' 8'
0 1/4" = 1'-0" 2'



2 TRANSVERSE SECTION - REHABILITATION

1/4" = 1'-0"

0 2' 4' 8'
0 1/4" = 1'-0" 2'

HP GENERAL NOTES - SECTIONS & DETAILS

NUMBER	DESCRIPTION
1	REFER TO SHEET A0.00 FOR GRAPHIC SYMBOLS AND LIST OF ABBREVIATIONS.
2	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
3	REFER TO HISTORIC PRESERVATION SPECIFICATIONS FOR SPECIFIC PRODUCTS, TREATMENT PROCEDURES, MOCK-UPS, AND QUALITY CONTROL REQUIREMENTS FOR HISTORIC REHABILITATION WORK.
4	REFER TO ARCHITECT'S, LANDSCAPE ARCHITECT'S, AND CONSULTING ENGINEERS' DRAWINGS AND SPECIFICATIONS FOR THE FULL SCOPE OF WORK TO BE COORDINATED BY THE GENERAL CONTRACTOR WITH THE HISTORIC REHABILITATION WORK.
5	REFER TO "D" AND "HD" DRAWING SHEETS AND SPECIFICATION SECTION 02 4296 - HISTORIC REMOVAL AND DISMANTLING FOR SALVAGED HISTORIC MATERIALS AND FEATURES TO BE REHABILITATED OR REPLICATED IN-KIND FOR INCORPORATION INTO NEW WORK.
6	THESE DRAWINGS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK. THE GENERAL CONTRACTOR SHALL INFORM THE HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN OR SIGNIFICANT DEVIATIONS FROM THE GENERAL REPRESENTATION OF THE EXISTING CONDITIONS THAT MAY IMPACT THE WORK.
7	REASONABLE ASSUMPTIONS AND/OR OBSERVATIONS OF EXISTING MATERIALS, FEATURES, AND STRUCTURAL ELEMENTS DURING THE HISTORIC PRESERVATION ARCHITECT'S PRELIMINARY CONDITION ASSESSMENT WORK APPEAR IN SECTIONS AND DETAILS IN GRAY TO PROVIDE GENERAL CONTEXT FOR NEW WORK. THESE ASSUMPTIONS SHALL BE CONFIRMED BY THE GENERAL CONTRACTOR AND SUB-CONTRACTORS PRIOR TO BEGINNING WORK.
8	NOT ALL KEYNOTES APPEAR IN EACH DRAWING SHEET. REFER TO INDIVIDUAL SHEET FOR SPECIFICATIONS NOTES.
9	ALL DIMENSIONS OF EXISTING CONDITIONS SHALL BE TAKEN FROM FACE OF FINISHED WALL UNLESS NOTED ON PLANS AND DETAILS.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR DISMANTLING PROCEDURES OR EXECUTION OF NEW WORK. PROTECT ALL ELEMENTS, HISTORIC OR OTHERWISE, DURING ALL PHASES OF CONSTRUCTION OPERATIONS. SECURE THE SITE AND BUILDING FROM INTRUSION OR VANDALISM WHEN ACTIVE CONSTRUCTION OPERATIONS CEASE. TAKE NECESSARY PRECAUSTIONS TO SAFEGUARD THE HEALTH, SAFETY, AND WELL-BEING OF THE KEYSTONE SCHOOL'S STUDENTS, FACULTY, AND STAFF WHEN SCHOOL IS IN SESSION OR DURING AFTER-HOURS EVENTS.
11	REFER TO SPECIFICATION SECTION 01 7329 - CUTTING AND PATCHING FOR SPECIAL PRECAUTIONS AND REQUIREMENTS. PROTECT ALL EXISTING MATERIAL, FEATURES, AND STRUCTURE, HISTORIC OR OTHERWISE, TO REMAINWHERE NEW WORK IS TO OCCUR. PATCH AND REPAIR ANY DAMAGE RESULTING FROM DEMOLITION, SELECTIVE DISMANTLING, OR NEW WORK. MATCH ADJACENT FINISHES AND COLORS.
12	GENERAL CONTRACTOR TO INSTITUTE AND ENFORCE ROBUST FIRE PROTECTION AND FIRE WATCH PROTOCOLS AS PART OF A COMPREHENSIVE JOBSITE SAFETY PROGRAM TO ENSURE WORKER SAFETY AND PROTECTION OF THE HISTORIC WOOD-FRAMED BUILDING AND SURROUNDING SCHOOL PROPERTY.

BUILDING SECTION KEY NOTES

NUMBER	NOTES
401	RECONSTRUCT HISTORIC RACEWAY AND WEIR. REFER TO LANDSCAPE ARCHITECT AND HICTURAL ENGINEER.
402	CLEAN, REPAIR, AND REPOINT EXISTING MASONRY ARCH.
403	RECONSTRUCT DAMAGED LIMESTONE MASONRY ARCHES AT RACEWAY LEVEL ON SOUTHWEST FAÇADE OF BUILDING BASED ON SURVIVING ARCHES ON NORTHEAST FAÇADE.
404	REHABILITATE EXISTING LIMESTONE MASONRY WALL BY CLEANING, REPAIRING, AND REPOINTING ALL MASONRY SURFACES. REFER TO SHEET H3.01 FOR GENERAL MASONRY REHABILITATION NOTES.
405	NEW FLOOR ACCESS DOOR AND MECHANICAL MEZZANINE. REFER TO ARCHITEC, STRUCTURAL AND MEP ENGINEER.
406	NEW TONGUE & GROOVE SOFFIT ON 2X4 TREATED WOOD FURRING ON STRUCTURAL STEEL FLOOR FRAMING. REFER TO STRUCTURAL ENGINEEER.
407	REPAIR AND PAINT EXISTING TIE ROD AND EXPOSED END PLATES. REFER TO STRUCTURAL ENGINEER.
408	REHABILITATE EXISTING SINGLE-HUNG WOOD WINDOWS. REFER TO SHEET H0.02 FOR GENERAL WOOD WINDOW REHABILITATION SCHEDULE AND NOTES.
409	REHABILITATE EXISTING WOOD TRANSOM WINDOW. REFER TO SHEET H0.02 FOR GENERAL WOOD WINDOW REHABILITATION SCHEDULE AND NOTES.
410	REHABILITATE EXISTING WOOD DOOR. REFER TO SHEET H0.02 FOR GENERAL WOOD DOOR REHABILITATION SCHEDULE AND NOTES.
411	CLEAN, REPAIR AND REPAINT ALL EXISTING WOOD PLANK ROOF SUBDECK, SOFFITS, RAFTER TAILS, FASCIA BOARDS AND CORNICE BOARDS. MATCH DIMENSIONS, PROFILES AND SPECIES OF HISTORIC FEATURES FOR NEW COMPONENTS TO REPLACE DETERIORATED EXTERIOR WOOD FEATURES.
412	PROVIDE AND INSTALL NEW FLAT-SEAMED METAL ROOF WITH NEW EXTERIOR GRADE PLYWOOD SUBROOF AND 2 1/2" THICK RIGID INSULATION OVER REPAIRED EXISTING TONGUE-AND-GROOVE WOOD DECKING.
413	REPAIR AND REPAINT EXPOSED EXISTING TONGUE-AND-GROOVE WOOD DECKING CEILING.
414	REPAIR AND REPAINT EXISTING WOOD ROOF TRUSS. REFER TO STRUCTURAL ENGINEER.
415	REPLACE DETERIORATED WOOD FLOOR FRAMING WITH NEW WOOD FLOORING OVER 3/4" TONGUE & GROOVE EXTERIOR GRADE PLYWOOD WITH 2X4 TREATED WOOD FURRING AND NEW STRUCTURAL STEEL FLOOR FRAMING. REFER TO STRUCTURAL ENGINEER.

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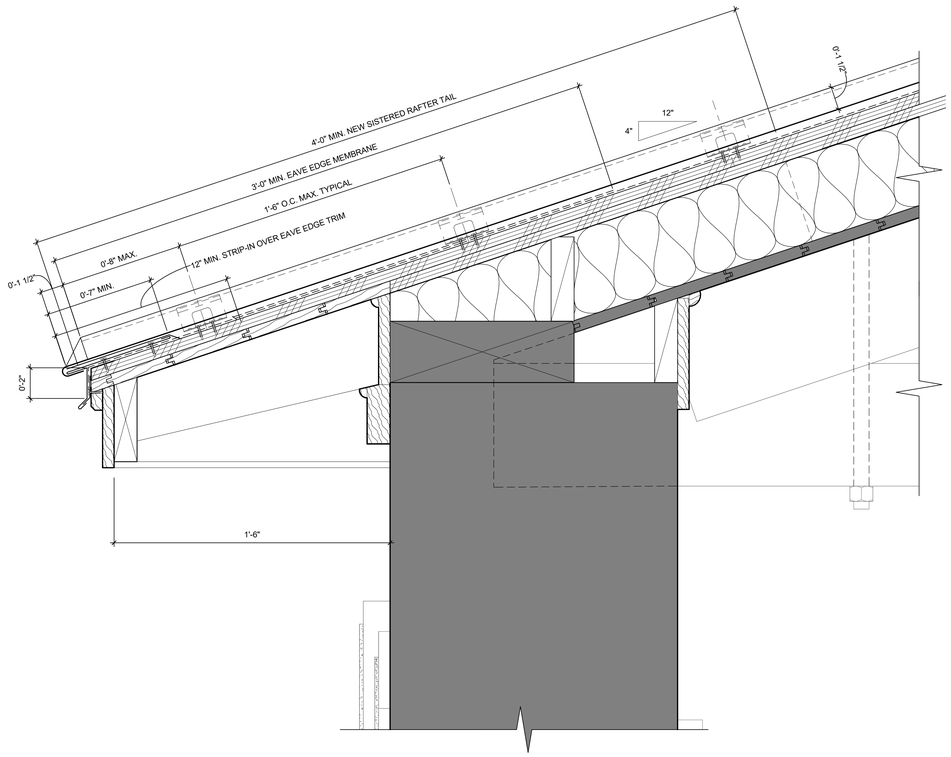
Job Number
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Scale North

Drawing Title
BUILDING SECTIONS - REHABILITATION

Drawing Number
H4.01

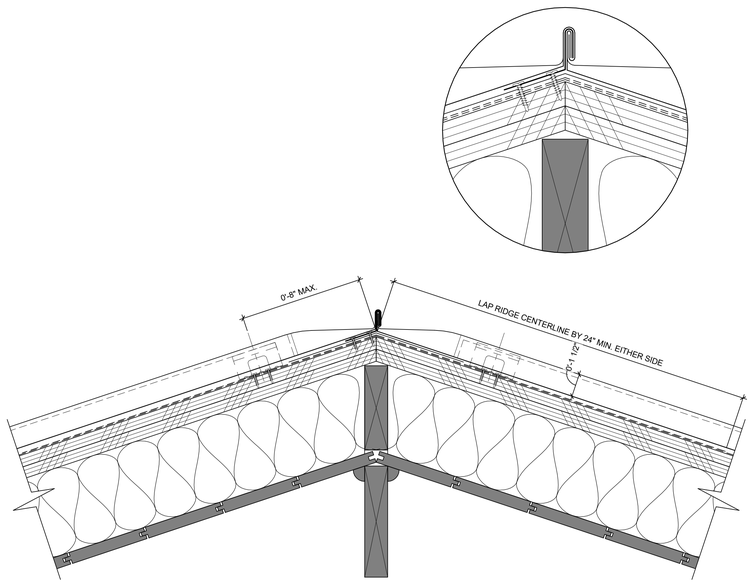
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1 ROOF EAVE DETAIL

3" = 1'-0"

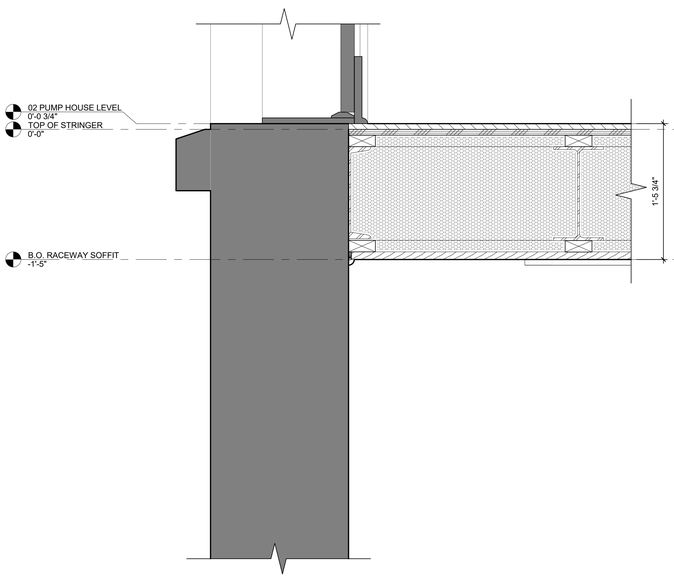
0 2" 4" 8"
0 2"
3" = 1'-0"



2 STANDING SEAM METAL ROOF RIDGE DETAIL

3" = 1'-0"

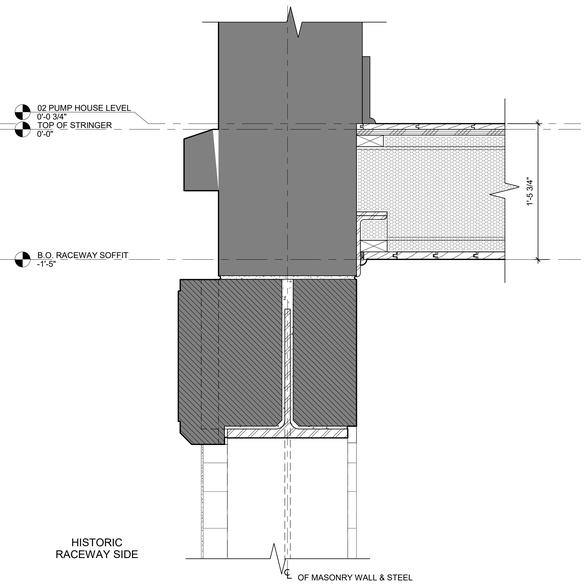
0 2" 4" 8"
0 2"
3" = 1'-0"



4 SECTION DETAIL AT FLOOR STRUCTURE

1 1/2" = 1'-0"

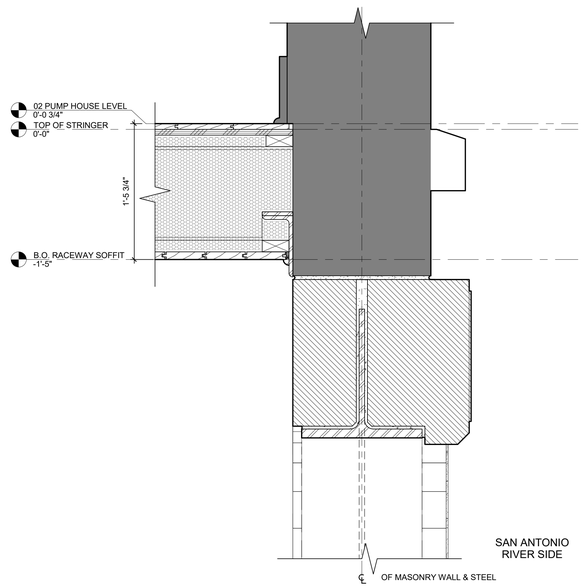
0 4" 8" 1'-3"
0 2"
1 1/2" = 1'-0"



3 SECTION DETAIL AT EXISTING MASONRY ARCH

1 1/2" = 1'-0"

0 4" 8" 1'-3"
0 2"
1 1/2" = 1'-0"



5 SECTION DETAIL AT RECONSTRUCTED ARCH

1 1/2" = 1'-0"

0 4" 8" 1'-3"
0 2"
1 1/2" = 1'-0"

BUILDING SECTION KEY NOTES

NUMBER	NOTES
401	RECONSTRUCT HISTORIC RACEWAY AND WEIR. REFER TO LANDSCAPE ARCHITECT AND STRUCTURAL ENGINEER.
402	CLEAN, REPAIR, AND REPOINT EXISTING MASONRY ARCH.
403	RECONSTRUCT DAMAGED LIMESTONE MASONRY ARCHES AT RACEWAY LEVEL ON SOUTHWEST FAÇADE OF BUILDING BASED ON SURVIVING ARCHES ON NORTHEAST FAÇADE.
404	REHABILITATE EXISTING LIMESTONE MASONRY WALL BY CLEANING, REPAIRING, AND REPOINTING ALL MASONRY SURFACES. REFER TO SHEET H3.01 FOR GENERAL MASONRY REHABILITATION NOTES.
405	NEW FLOOR ACCESS DOOR AND MECHANICAL MEZZANINE. REFER TO ARCHITEC, STRUCTURAL AND MEP ENGINEER.
406	NEW TONGUE & GROOVE SOFFIT ON 2X4 TREATED WOOD FURRING ON STRUCTURAL STEEL FLOOR FRAMING. REFER TO STRUCTURAL ENGINEEER.
407	REPAIR AND PAINT EXISTING TIE ROD AND EXPOSED END PLATES. REFER TO STRUCTURAL ENGINEER.
408	REHABILITATE EXISTING SINGLE-HUNG WOOD WINDOWS. REFER TO SHEET H0.02 FOR GENERAL WOOD WINDOW REHABILITATION SCHEDULE AND NOTES.
409	REHABILITATE EXISTING WOOD TRANSOM WINDOW. REFER TO SHEET H0.02 FOR GENERAL WOOD WINDOW REHABILITATION SCHEDULE AND NOTES.
410	REHABILITATE EXISTING WOOD DOOR. REFER TO SHEET H0.02 FOR GENERAL WOOD DOOR REHABILITATION SCHEDULE AND NOTES.
411	CLEAN, REPAIR AND REPAINT ALL EXISTING WOOD PLANK ROOF SUBDECK, SOFFITS, RAFTER TAILS, FASCIA BOARDS AND CORNICE BOARDS. MATCH DIMENSIONS, PROFILES AND SPECIES OF HISTORIC FEATURES FOR NEW COMPONENTS TO REPLACE DETERIORATED EXTERIOR WOOD FEATURES.
412	PROVIDE AND INSTALL NEW FLAT-SEAMED METAL ROOF WITH NEW EXTERIOR GRADE PLYWOOD SUBROOF AND 2 1/2" THICK RIGID INSULATION OVER REPAIRED EXISTING TONGUE-AND-GROOVE WOOD DECKING.
413	REPAIR AND REPAINT EXPOSED EXISTING TONGUE-AND-GROOVE WOOD DECKING CEILING.
414	REPAIR AND REPAINT EXISTING WOOD ROOF TRUSS. REFER TO STRUCTURAL ENGINEER.
415	REPLACE DETERIORATED WOOD FLOOR FRAMING WITH NEW WOOD FLOORING OVER 3/4" TONGUE & GROOVE EXTERIOR GRADE PLYWOOD WITH 2X4 TREATED WOOD FURRING AND NEW STRUCTURAL STEEL FLOOR FRAMING. REFER TO STRUCTURAL ENGINEER.

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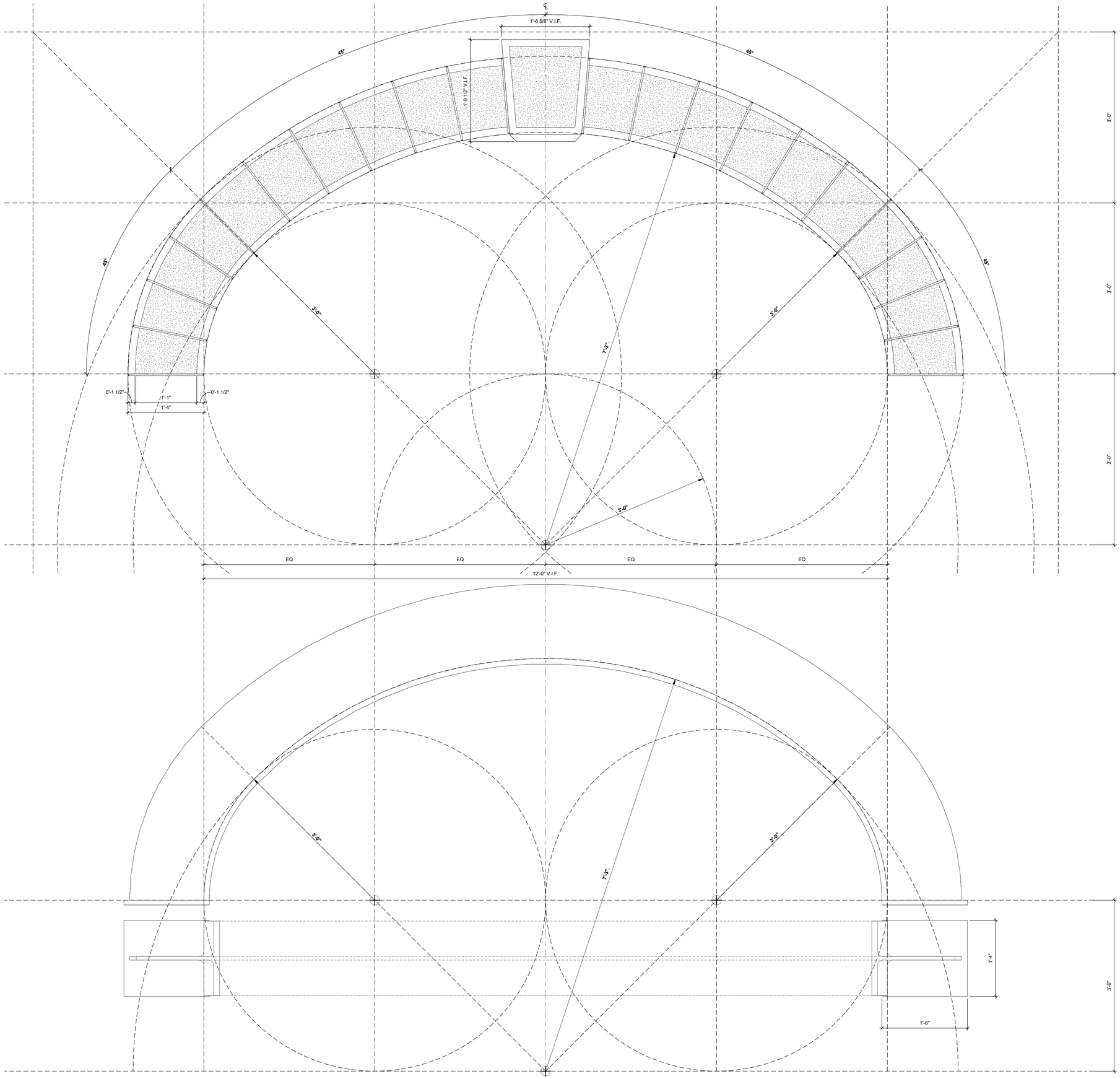
Date
30 May 2025
Phase
95% CONSTRUCTION DOCUMENTS
Job Number
CNOS701

Scale North

Drawing Title
SECTION DETAILS

Drawing Number
H4.02

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1 RACEWAY ARCH & STEEL LINTEL GEOMETRIC LAYOUT

1 1/2" = 1'-0"

0 4" 8" 1'-3"
0 2"
1 1/2" = 1'-0"

BUILDING SECTION KEY NOTES

NUMBER	NOTES
401	RECONSTRUCT HISTORIC RACEWAY AND WEIR. REFER TO LANDSCAPE ARCHITECT AND STRUCTURAL ENGINEER.
402	CLEAN, REPAIR, AND REPOINT EXISTING MASONRY ARCH.
403	RECONSTRUCT DAMAGED LIMESTONE MASONRY ARCHES AT RACEWAY LEVEL ON SOUTHWEST FAÇADE OF BUILDING BASED ON SURVIVING ARCHES ON NORTHEAST FAÇADE.
404	REHABILITATE EXISTING LIMESTONE MASONRY WALL BY CLEANING, REPAIRING, AND REPOINTING ALL MASONRY SURFACES. REFER TO SHEET H3.01 FOR GENERAL MASONRY REHABILITATION NOTES.
405	NEW FLOOR ACCESS DOOR AND MECHANICAL MEZZANINE. REFER TO ARCHITEC, STRUCTURAL AND MEP ENGINEER.
406	NEW TONGUE & GROOVE SOFFIT ON 2X4 TREATED WOOD FURRING ON STRUCTURAL STEEL FLOOR FRAMING. REFER TO STRUCTURAL ENGINEEER.
407	REPAIR AND PAINT EXISTING TIE ROD AND EXPOSED END PLATES. REFER TO STRUCTURAL ENGINEER.
408	REHABILITATE EXISTING SINGLE-HUNG WOOD WINDOWS. REFER TO SHEET H0.02 FOR GENERAL WOOD WINDOW REHABILITATION SCHEDULE AND NOTES.
409	REHABILITATE EXISTING WOOD TRANSOM WINDOW. REFER TO SHEET H0.02 FOR GENERAL WOOD WINDOW REHABILITATION SCHEDULE AND NOTES.
410	REHABILITATE EXISTING WOOD DOOR. REFER TO SHEET H0.02 FOR GENERAL WOOD DOOR REHABILITATION SCHEDULE AND NOTES.
411	CLEAN, REPAIR AND REPAINT ALL EXISTING WOOD PLANK ROOF SUBDECK, SOFFITS, RAFTER TAILS, FASCIA BOARDS AND CORNICE BOARDS. MATCH DIMENSIONS, PROFILES AND SPECIES OF HISTORIC FEATURES FOR NEW COMPONENTS TO REPLACE DETERIORATED EXTERIOR WOOD FEATURES.
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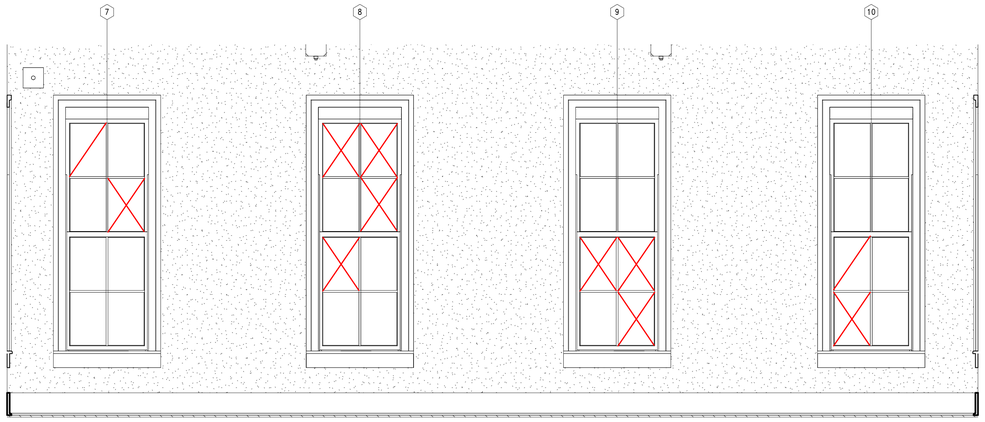
Drawing Title
EXTERIOR DETAILS

Drawing Number
H4.03

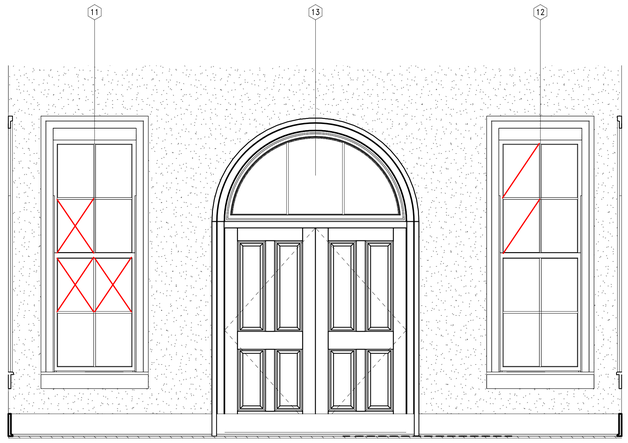
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INTERIOR REHABILITATION NOTES

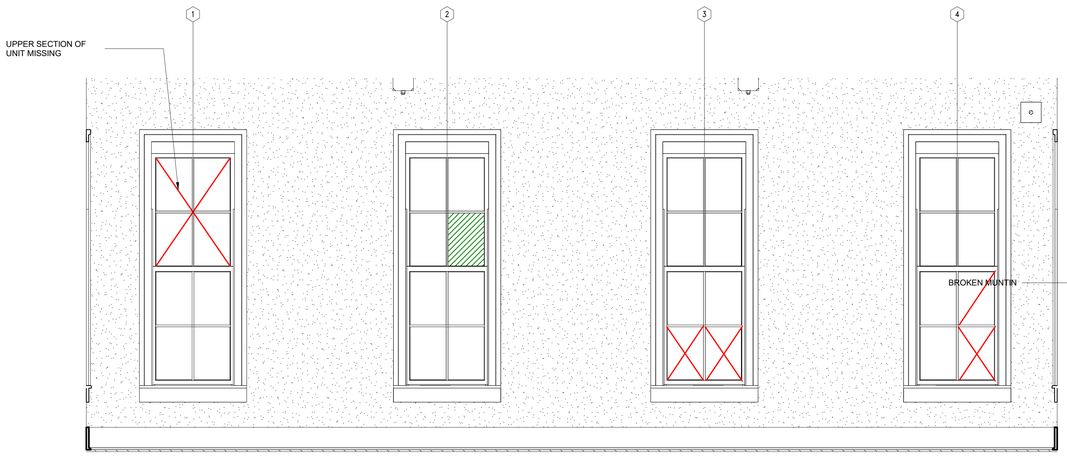
1. CLEAN, REPAIR AND REPAINT ALL PLASTER WALL SURFACES (FOLLOWING NECESSARY PROCEDURES FOR LEAD PAINT ENCAPSULATION, AS REQUIRED).
2. CLEAN, REPAIR AND REPAINT ALL WOOD WINDOW TRIM, DOOR TRIM, WALL TRIM AND OTHER WOOD FEATURES (FOLLOWING NECESSARY PROCEDURES FOR LEAD PAINT ENCAPSULATION, AS REQUIRED). REPLICATE MISSING OR DAMAGED WOOD FEATURES TO MATCH DIMENSIONS, PROFILES AND SPECIES OF HISTORIC FEATURES.
3. REFER TO ARCHTECTURAL DRAWINGS FOR INTERIOR FINISH-OUT.
4. REFER TO LANDSCAPE ARCHITECTURE DRAWINGS FOR NEW INTERIOR INTERPRETIVE ELEMENTS AND SIGNAGE RELATED TO THE ROLE OF WATER MANAGEMENT IN THE HISTORY AND DEVELOPMENT OF SAN ANTONIO AND THE REGION.



3 PUMP HOUSE LEVEL - SOUTH INTERIOR ELEVATION
1/2" = 1'-0"



4 PUMP HOUSE LEVEL - WEST INTERIOR ELEVATION
1/2" = 1'-0"



1 PUMP HOUSE LEVEL - NORTH INTERIOR ELEVATION
1/2" = 1'-0"



2 PUMP HOUSE LEVEL - EAST INTERIOR ELEVATION
1/2" = 1'-0"

CONDITION ASSESSMENT LEGEND

- MATERIAL LOSS
- MATERIAL DAMAGE
- FINISH DAMAGE
- HISTORIC OVER-PAINTING / SIGNAGE
- MAJOR CRACK
- MINOR / HAIRLINE CRACK
- NON-HISTORIC MATERIAL
- PREVIOUS PATCH / REPAIR
- NON-HISTORIC FINISH / OVER-PAINTING
- STAINING / BIOLOGICAL GROWTH
- PREVIOUS CRACK REPAIR
- MAJOR WATER DAMAGE
- MINOR WATER DAMAGE / STAINING
- MAJOR WALL DAMAGE (PLAN)
- MODERATE WALL DAMAGE (PLAN)
- MINOR WALL DAMAGE (PLAN)

WINDOW CONDITION LEGEND

- MISSING
- BROKEN
- REPLACED/ REPAIRED NON ORIGINAL

INTERIOR ELEVATION PLAN KEY NOTES	
NUMBER	NOTES

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Drawing Title
INTERIOR ELEVATIONS - REHABILITATION

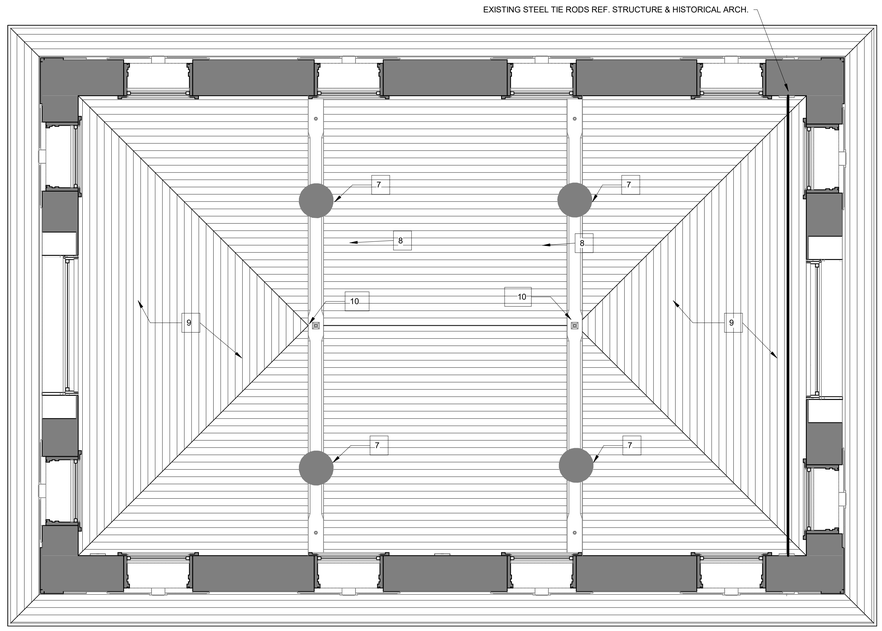
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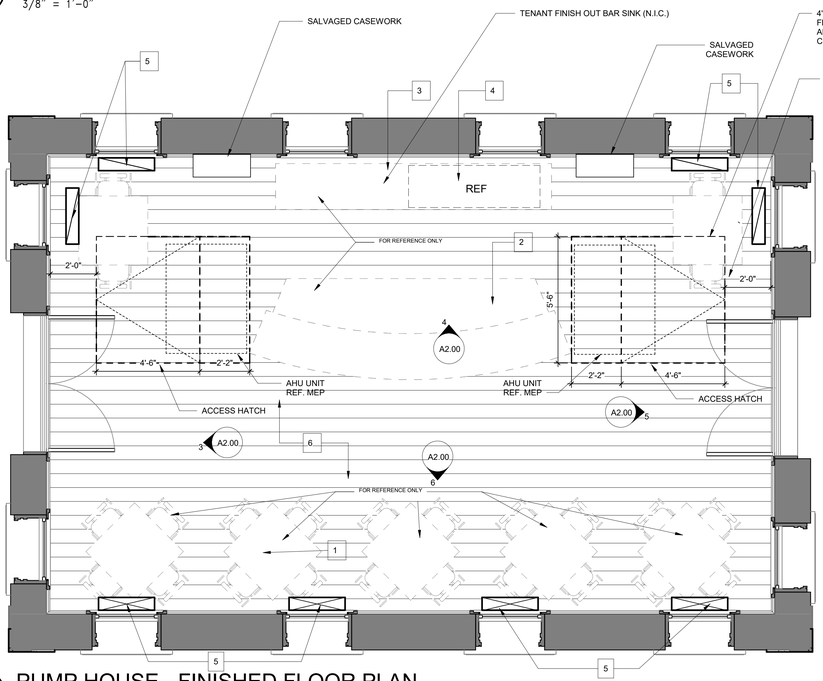
GENERAL FINISH NOTES

1. FURNITURE SHOWN IS NOT IN CONTRACT (N.I.C) TO BE PROVIDED BY FUTURE TENANT FINISH OUT .
2. CABINET MILLWORK SHOWN IS NOT IN CONTRACT (N.I.C.) TO BE PROVIDED BY FUTURE TENANT FINISH OUT
3. CONTRACTOR TO PROVIDE PLUMBING ROUGH IN CONNECTIONS FOR SINK. REFER TO MEP PLANS. FIXTURES (N.I.C.) TO BE PROVIDED BY FUTURE TENANT FINISH OUT
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5. CONTRACTOR TO PROVIDE UTILITY ROUGH IN CONNECTION FOR STAND-ALONE COMMERCIAL HEATING/COOLING UNITS.
6. NEW 3/4" WOOD FLOORING ON NEW STRUCTURE FLOOR ASSEMBLY, REF. ARCHITECTURE DRAWINGS, WD1
7. CONTRACTOR TO PROVIDE CONDUIT FOR DECORATIVE PENDANT LIGHTS.
8. RESTORED WOOD ROOF DECK REF. HISTORICAL BUILDING. DECK FINISH PT-3
9. RESTORE AND PAINT EXISTING T+G WOOD CEILING. REF. PT-3
10. RESTORE EXISTING KING POST TRUSSES AND PAINT. REFURBISH TRUSS HARDWARE. REFER TO STRUCTURE. REF.PT-2

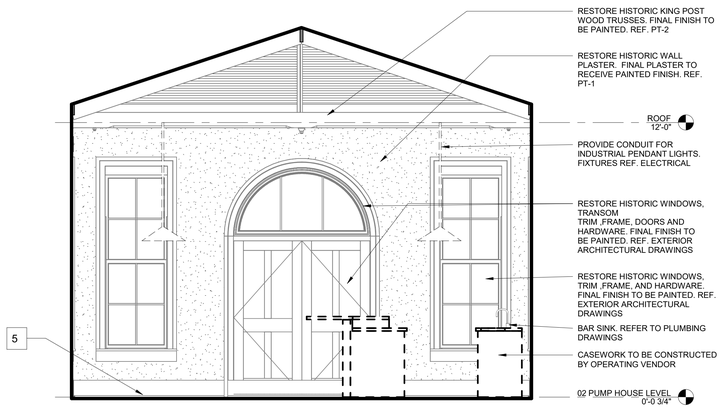
INTERIOR FINISH	
TAG	NOTE
WD1	WHITE OAK FLOOR FINISH
PT-1	WALL PAINT
PT-2	PAINT FOR INTERIOR RAFTERS AND ALL INTERIOR ARCHITECTURAL WOOD ELEMENTS
PT-3	CEILING PAINT



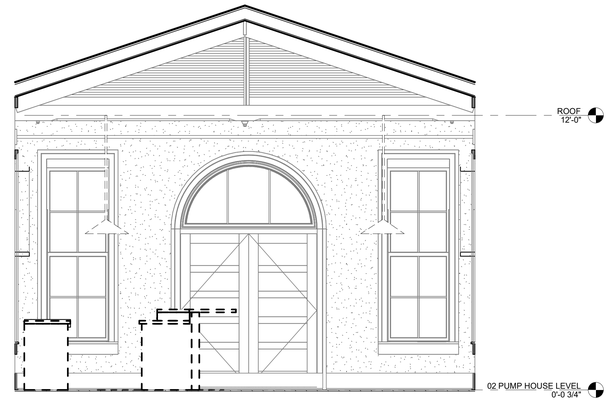
1 PUMP HOUSE - RCP FINISH PLAN
3/8" = 1'-0"



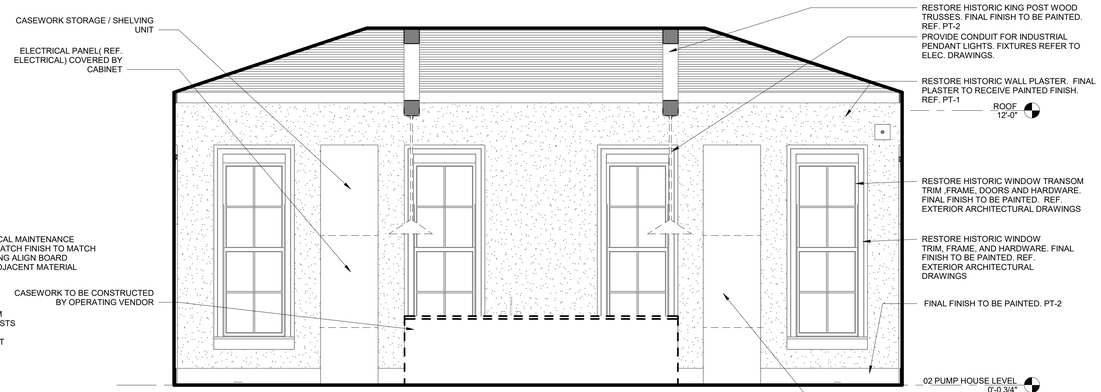
2 PUMP HOUSE - FINISHED FLOOR PLAN
3/8" = 1'-0"



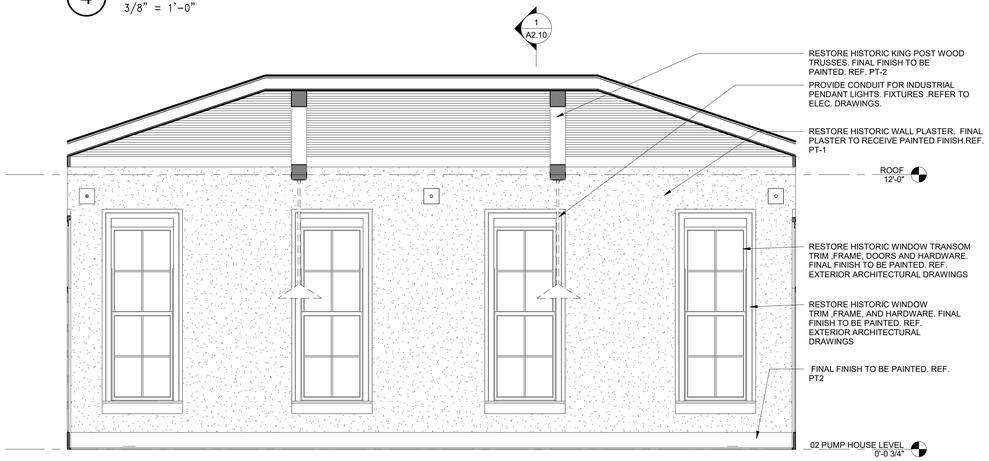
3 INTERIOR - WEST ELEVATION
3/8" = 1'-0"



5 INTERIOR - EAST ELEVATION
3/8" = 1'-0"



4 INTERIOR - NORTH ELEVATION
3/8" = 1'-0"



6 INTERIOR - SOUTH ELEVATION
3/8" = 1'-0"

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Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale North

Drawing Title
PUMP HOUSE- FLOOR PLAN, RCP, AND INTERIOR ELEVATIONS

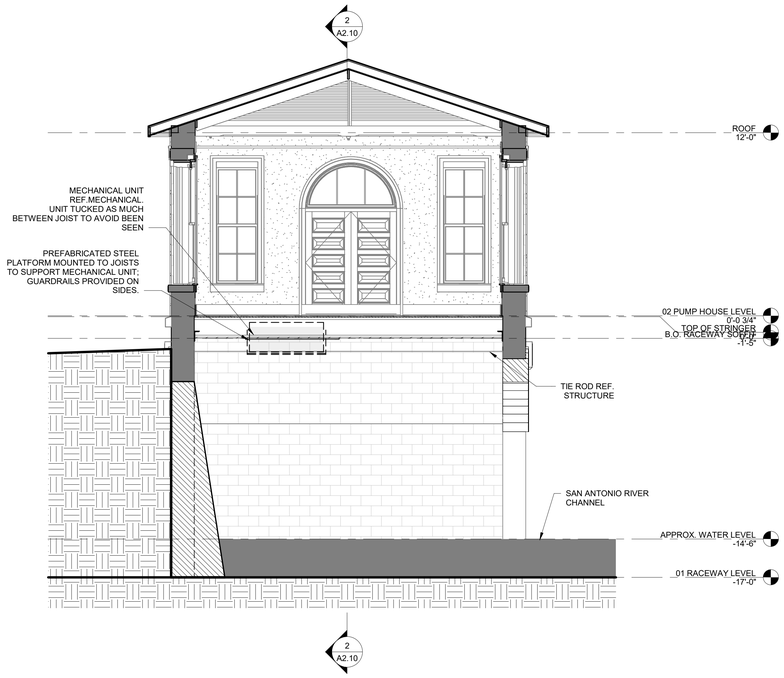
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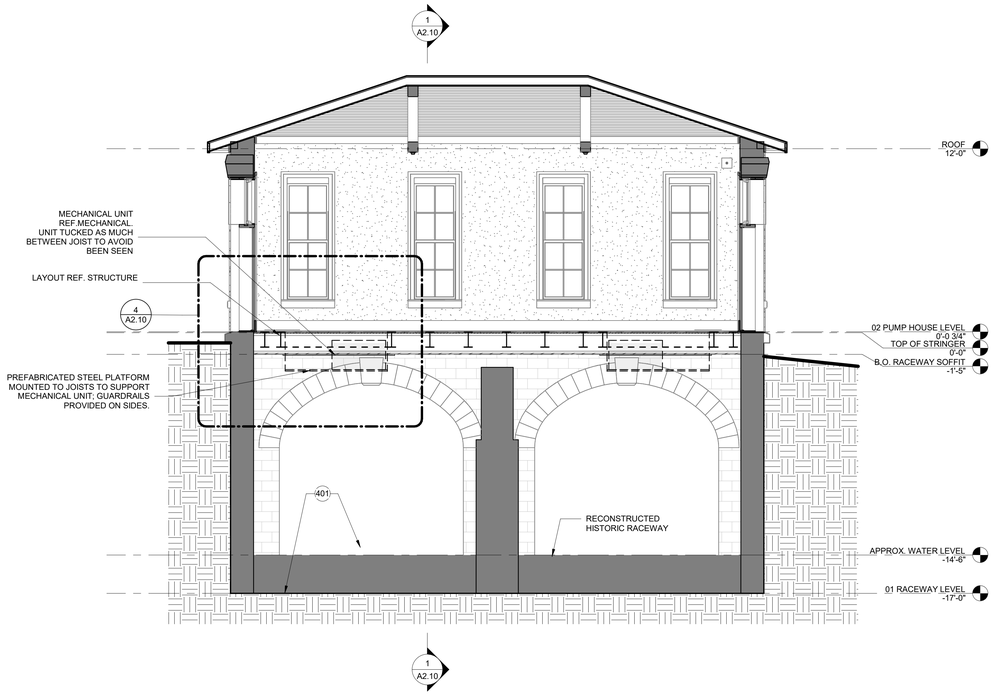
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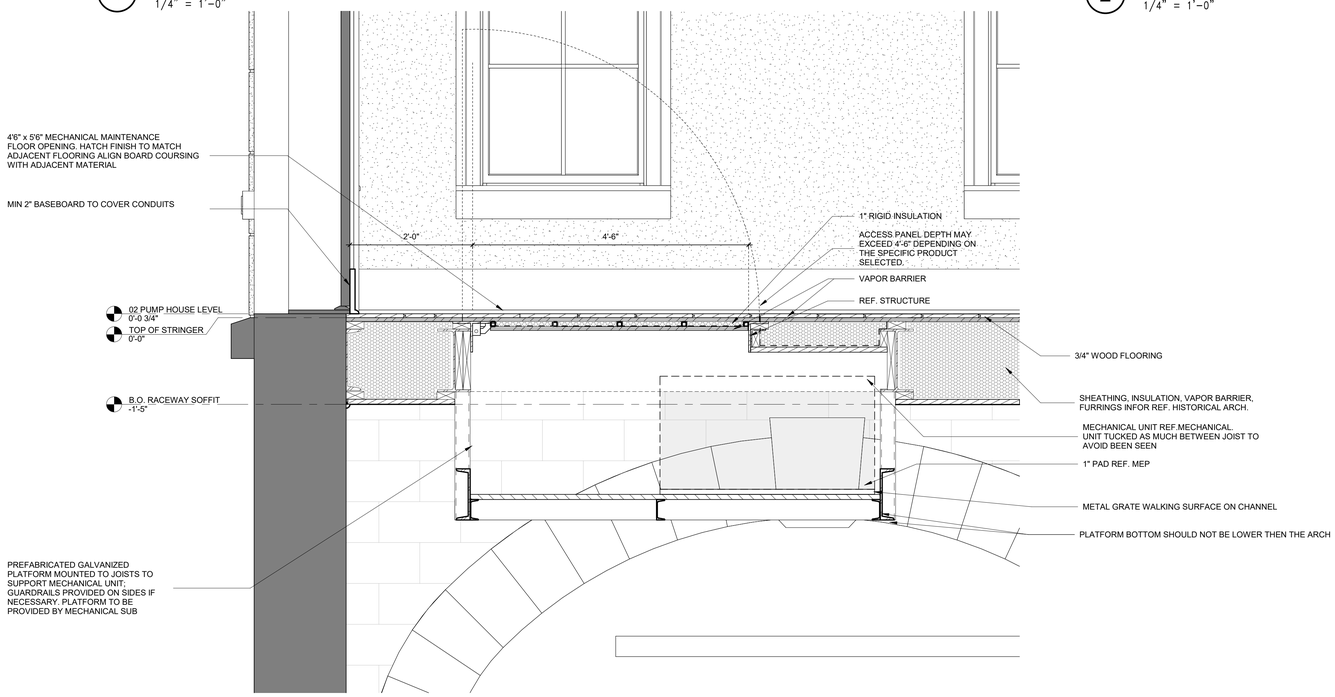
1 MECHANICAL TRANSVERSE SECTION DIAGRAM

1/4" = 1'-0"



2 MECHANICAL LONGITUDINAL SECTION DIAGRAM

1/4" = 1'-0"



4 SECTION THROUGH MAINTENANCE PLATFORM

1" = 1'-0"

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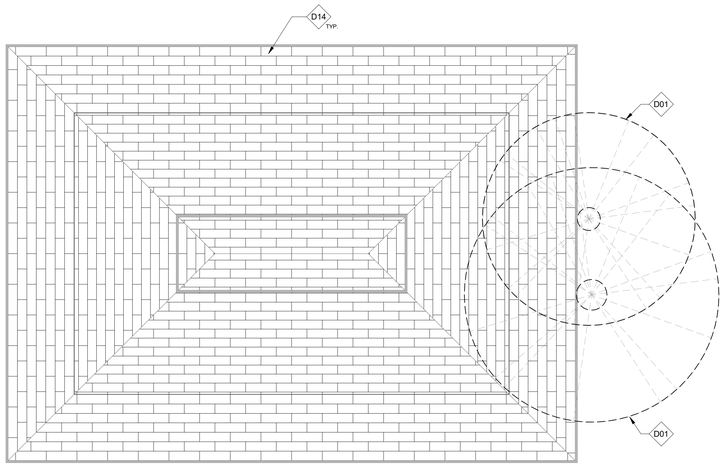
Job Number
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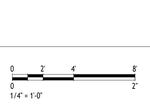
Drawing Title
PUMP HOUSE - MEP HATCH LOCATIONS

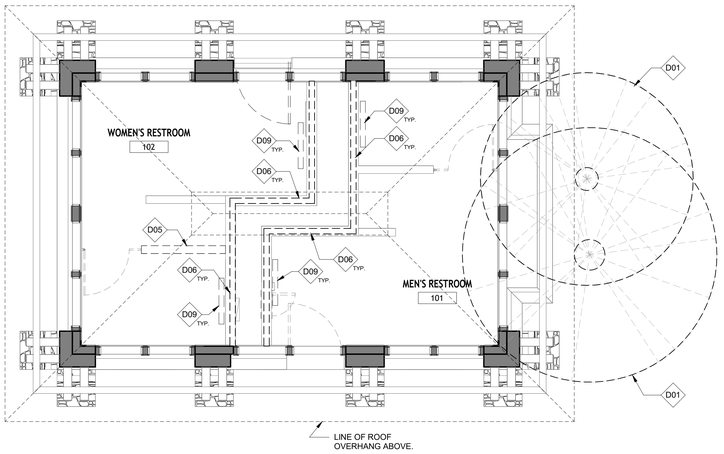
Drawing Number
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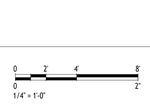


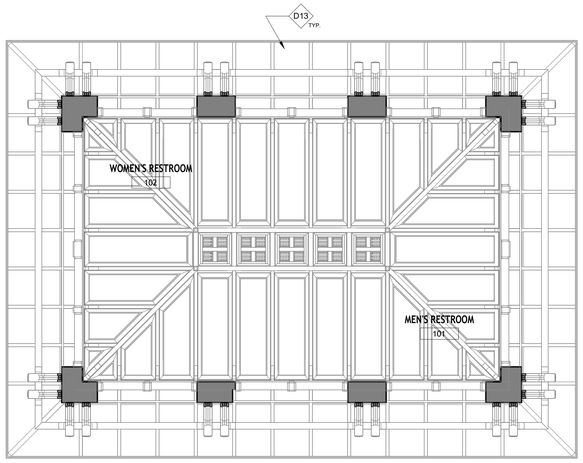
4 EXISTING ROOF PLAN
1/4" = 1'-0"



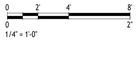


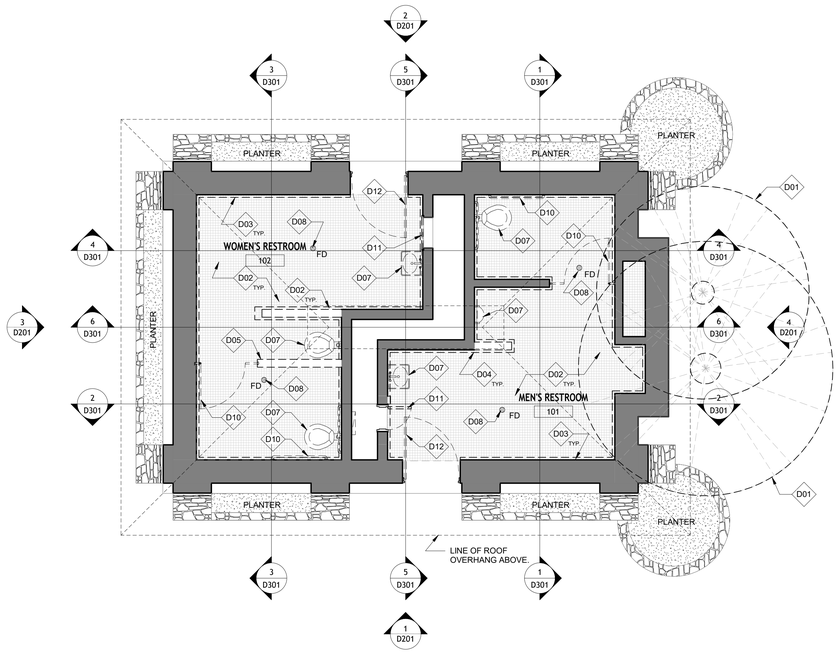
2 EXISTING CLERESTORY FLOOR PLAN
1/4" = 1'-0"



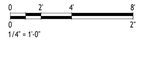


3 EXISTING REFLECTED CEILING PLAN
1/4" = 1'-0"





1 EXISTING FLOOR PLAN
1/4" = 1'-0"



HP GENERAL NOTES - DEMOLITION

NUMBER	NOTES
1	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
2	REFER TO SPECIFICATION SECTION 024296 FOR HISTORIC REMOVAL AND DISMANTLING REQUIREMENTS.
3	REFER TO CIVIL, LANDSCAPE ARCHITECT, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR SITE WORK.
4	REFER TO STRUCTURAL AND ARCHITECTURAL DEMOLITION DRAWINGS FOR INTERIOR SELECTIVE DEMOLITION WORK REQUIRED.
5	REFER TO ARCHITECTURAL AND HISTORIC PRESERVATION DRAWINGS AND SPECIFICATIONS FOR REPLACEMENT WORK.
6	REFER TO HAZARDOUS MATERIALS SURVEYS AND REPORTS PRIOR TO COMMENCING WORK.
7	NO SELECTIVE DEMOLITION OR REPAIRS WORK IS TO COMMENCE UNTIL ALL HAZARDOUS MATERIAL ABATEMENT WORK IS COMPLETED.
8	VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED OR CAPPED. REFER TO CIVIL AND MEP DRAWINGS AND SPECIFICATIONS.
9	THESE DRAWING SHEETS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR REMOVAL OF ASSEMBLY PROCEDURES. PROTECT ALL ELEMENTS IDENTIFIED TO REMAIN DURING ALL CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY WEATHER TIGHT ENCLOSURES TO SEAL OFF ANY ROOF OR WALL OPENINGS UPON REMOVAL OF EXISTING ROOFING, FLASHING, CAPS, ETC.
11	THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS DURING DEMOLITION SO AS TO NOT DAMAGE ADJACENT FINISHES, MATERIALS, AND FEATURES REQUIRED TO REMAIN IN SERVICE OR BE INCORPORATED INTO THE WORK.
12	THE CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE TO THE BUILDING STRUCTURE. NOTIFY THE STRUCTURAL ENGINEER IMMEDIATELY OF ANY STRUCTURAL CONCERNS.
13	THE CONTRACTOR SHALL REVIEW ALL TEMPORARY SHORING, BRACING, SCAFFOLDING, JOBSITE SAFETY DEVICES, AND CONSTRUCTION CENTERING THAT MAY IMPACT HISTORIC MATERIALS AND FEATURES OF THE BUILDING WITH ARCHITECT, HISTORIC ARCHITECT, AND STRUCTURAL ENGINEER.
14	BRACE ALL STRUCTURAL ELEMENTS OR STRUCTURES AS NECESSARY DURING DEMOLITION. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER
15	THE CONTRACTOR SHALL PROTECT AND PROPERLY STORE ALL BUILDING MATERIALS AND FEATURES IDENTIFIED FOR TEMPORARY REMOVAL, SALVAGE, AND RE-INSTALLATION INTO THE WORK.
16	DEMOLITION OPERATIONS MAY REVEAL PREVIOUSLY UNKNOWN ARCHITECTURAL, STRUCTURAL, OR SUBGRADE CONDITIONS. UNFORSEEN HISTORIC MATERIALS,DETAILS, OR FEATURES MAY SURFACE DURING DEMOLITION OR SELECTIVE REMOVAL PROCEDURES. PROTECT THE HISTORIC MATERIAL AND NOTIFIY HISTORIC ARCHITECT FOR FURTHER INSTRUCTIONS.
17	ANY DAMAGE DONE BY THE CONTRACTOR OR THEIR SUBCONTRACTORS TO HISTORIC MATERIALS OR FEATURES DESIGNATED AS EXISTING TO REMAIN OR SALVAGED FOR REUSE DURING A DEMOLITION OR SELCTIVE REMOVAL PROCEDURE SHALL BE REPAIRED OR RESTORED TO RETURN THE MATERIALS OR FEATURES TO THEIR CONDITION PRIOR TO COMMENCEMENT OF THE PROCEDURE. SUCH REPAIR OR RESTORATION WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
18	REMOVE AND DEMOLISH EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE AND TRUE TO DIMENSION REQUIRED. USE METHODS LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION OR CONSTRUCTION TO REMAIN.
19	RESTORE EXPOSED FINISHED OR PATCHED AREAS AND EXTEND RESTORED FINISH AREA INTO ADJOINING CONSTRUCTION TO REMAIN IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING, REPAIRING AND REFINISHING.
20	PATCH AND REPAIR FLOOR, WALL, AND CEILING SURFACES WHERE DEMOLITION OCCURS. PROVIDE FLUSH AND EVEN SURFACES OF UNIFORM COLOR, TEXTURE, AND APPEARANCE. CLOSELY MATCH TEXTURE AND FINISH OF EXISTING ADJACENT SURFACES.
21	ALL SALVAGED SOUND MATERIALS, ORNAMENTAL WOODWORK, MASONRY MATERIALS, AND OTHER CHARACTER-DEFINING FEATURES REMAIN THE PROPERTY OF THE OWNER.
22	LABEL, SORT, STORE, AND PROTECT ALL SALVAGED SOUND MATERIALS, DECORATIVE WOOD COLUMNS, ORNAMENTAL WOODWORK, AND OTHER CHARACTER-DEFINING FEATURES FOR REHABILITATION AND REINSTALLATION, OR USE IN REPLICATING NEW REPLACEMENT FEATURES.
23	COORDINATE WITH THE CITY OF SAN ANTONIO'S OFFICE OF HISTORIC PRESERVATION'S HISTORIC MATERIALS SALVAGE PROGRAM FOR DONATION AND DELIVERY OF UNUSED SALAVAGE MATERIAL AT THE CONCLUSION OF THE PROJECT.
24	REMOVE ALL EXISTING LIGHT FIXTURES, CONDUITS, WIRES, METER BOXES, CIRCUIT PANELS, ELECTRICAL UTILITY DROPS, WEATHERHEADS, GAS METERS, AND ABANDONED ELEMENTS NOT OTEHRWISE INDICATED TO BE INCORPORATED IN NEW WORK.
25	REMOVE ALL STRUCTURAL AND ARCHITECTURAL WOOD ELEMENTS DETERIORATED BEYOND REASONABLE REHABILITATION TREATMENT METHODS FOR REPLACEMENT WITH IN-KIND MATERIALS TO MATCH SIZES AND PROFILES. NOTIFY HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN CONDITIONS REVEALED THROUGH THE SELECTIVE DISASSEMBLY PROCESS REQUIRING CONDITION ASSESSMENT AND DETERMINATION OF APPROPRIATE TREATMENT METHODS.

DEMOLITION KEYNOTES

KEYNOTE VALUE	KEYNOTE TEXT
D01	REMOVE TREE IN CLOSE PROXIMITY TO HISTORIC STRUCTURE'S FOUNDATION. TAKE PROPER PRECAUTIONS WHEN EXCAVATING AND EXTRACTING ROOT STRUCTURES TO AVOID DAMAGING OR UNDERMINING FOUNDATION. REFER TO STRUCTURAL AND LANDSCAPE ARCHITECT DEMOLITION DRAWINGS AND SPECIFICATIONS.
D02	DEMOLISH NON-HISTORIC TILE FLOORING. RETAIN EXISTING CONCRETE FOUNDATION FOR REHABILITATION.
D03	DEMOLISH NON-HISTORIC TILE WALL FINISH. RETAIN HISTORIC WOOD-FRAMED WALL FOR REHABILITATION.
D04	DEMOLISH TILE WALL FINISH. RETAIN NON-HISTORIC CMU WALL FOR REHABILITATION.
D05	DEMOLISH NON-HISTORIC TILE-FINISHED WALL ON CMU COMPLETE.
D06	DEMOLISH NON-HISTORIC, WOOD-FRAMED, PARTITION WALL AND WOOD LATTICE PANELS COMPLETE.
D07	DEMOLISH ALL PUMPING FIXTURES AND ASSOCIATED PIPING COMPLETE, TYPICAL. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D08	DEMOLISH FLOOR DRAIN AND PIPING COMPLETE. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D09	DEMOLISH ALL ELECTRICAL LIGHT FIXTURES, CONDUITS, WIRING, AND PANELS COMPLETE, TYPICAL. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D10	DEMOLISH ALL EXISTING, NON-HISTORIC, TOILET ACCESSORIES, INCLUDING GRAB BARS, TOILET PAPER DISPENSERS, ETC., TYPICAL.
D11	DEMOLISH EXISTING ACCESS PANEL AND FRAME.
D12	DEMOLISH NON-HISTORIC METAL SECURITY GATE AND FRAME.
D13	SELECTIVELY DEMOLISH DETERIORATED, WOOD, ROOF FRAMING AND ROOF DECKING AT EAVES AND OVERHANGS. RETAIN SOUND MATERIAL FOR REHABILITATION. REFER TO SPECIFICATION SECTIONS 02 42 96 AND 06 03 12.
D14	REMOVE AND SALVAGE HISTORIC CLAY TILE ROOFING FOR REINSTALLATION. SELECTIVELY DEMOLISH ALL DETERIORATED WOOD SHEATHING, SOFFIT DECKING, AND FASCIA TRIM. RETAIN ALL SOUND WOOD SHEATHING, SOFFIT DECKING, AND FASCIA TRIM FOR REHABILITATION. REFER TO SPECIFICATION SECTIONS 02 42 96 AND 06 03 12.

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Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale North

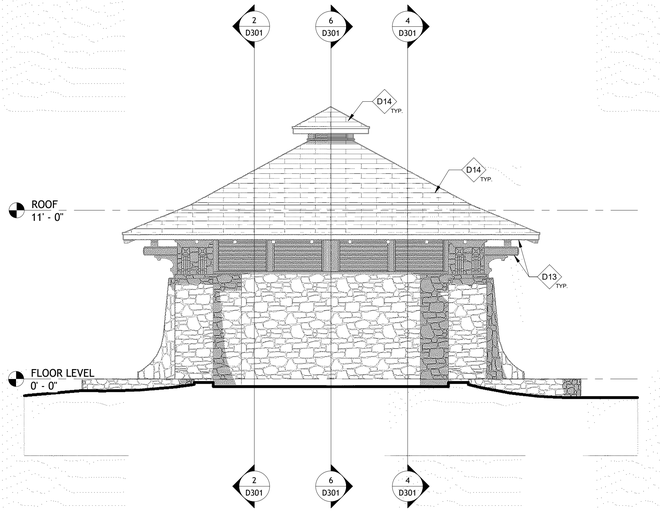
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DEMOLITION FLOOR PLANS

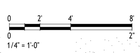
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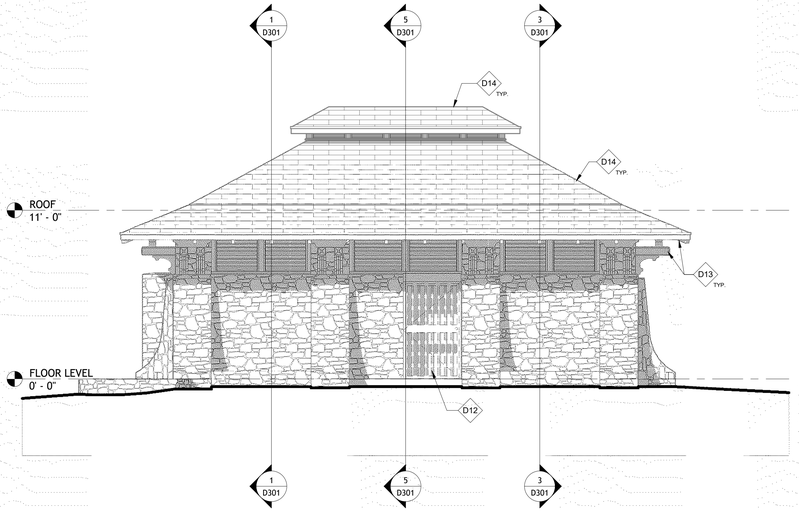
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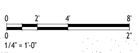


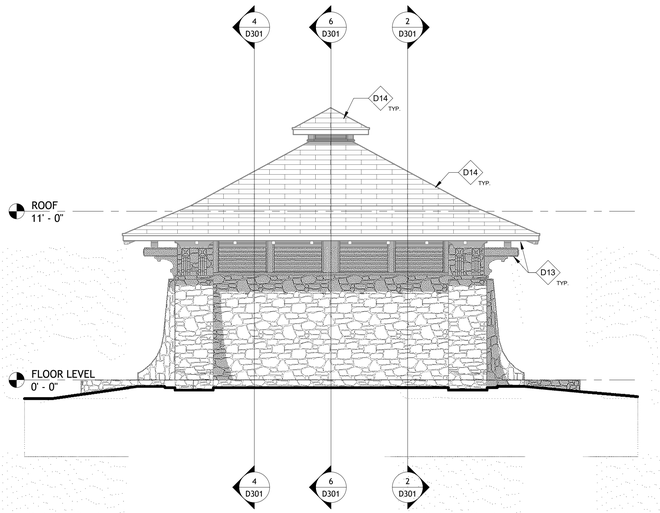
4 DEMOLITION EAST BUILDING ELEVATION
1/4" = 1'-0"





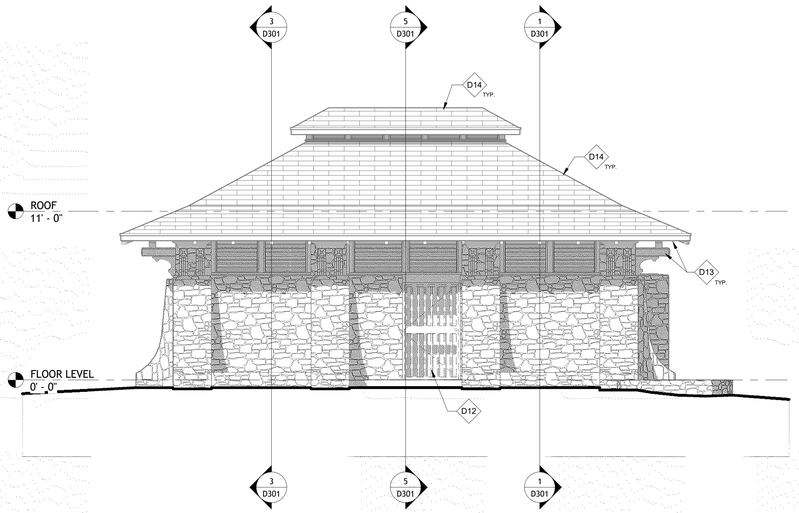
2 DEMOLITION NORTH BUILDING ELEVATION
1/4" = 1'-0"





3 DEMOLITION WEST BUILDING ELEVATION
1/4" = 1'-0"





1 DEMOLITION SOUTH BUILDING ELEVATION
1/4" = 1'-0"



HP GENERAL NOTES - DEMOLITION

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DEMOLITION KEYNOTES

KEYNOTE VALUE	KEYNOTE TEXT
D12	DEMOLISH NON-HISTORIC METAL SECURITY GATE AND FRAME.
D13	SELECTIVELY DEMOLISH DETERIORATED, WOOD, ROOF FRAMING AND ROOF DECKING AT EAVES AND OVERHANGS. RETAIN SOUND MATERIAL FOR REHABILITATION. REFER TO SPECIFICATION SECTIONS 02 42 96 AND 06 03 12.
D14	REMOVE AND SALVAGE HISTORIC CLAY TILE ROOFING FOR REINSTALLATION. SELECTIVELY DEMOLISH ALL DETERIORATED WOOD SHEATHING, SOFFIT DECKING, AND FASCIA TRIM. RETAIN ALL SOUND WOOD SHEATHING, SOFFIT DECKING, AND FASCIA TRIM FOR REHABILITATION. REFER TO SPECIFICATION SECTIONS 02 42 96 AND 06 03 12.

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Revisions

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Phase
95% CONSTRUCTION DOCUMENTS

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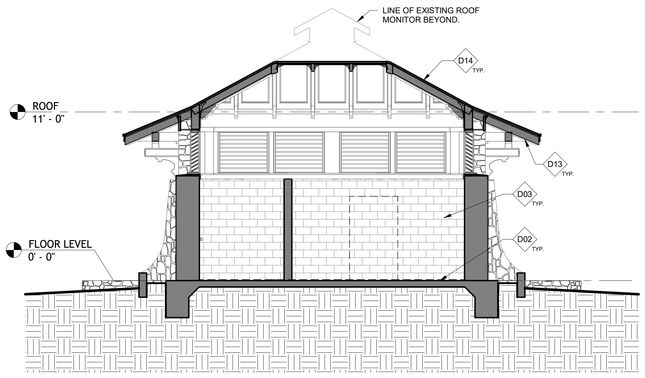
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DEMOLITION BUILDING ELEVATIONS

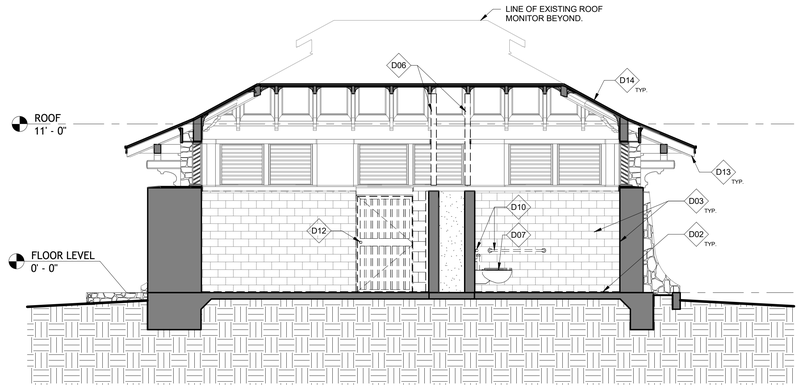
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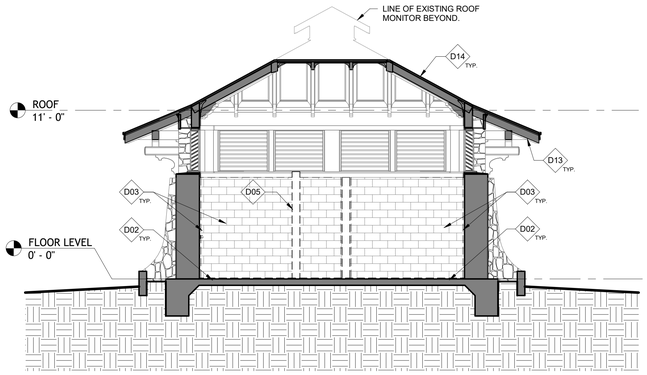
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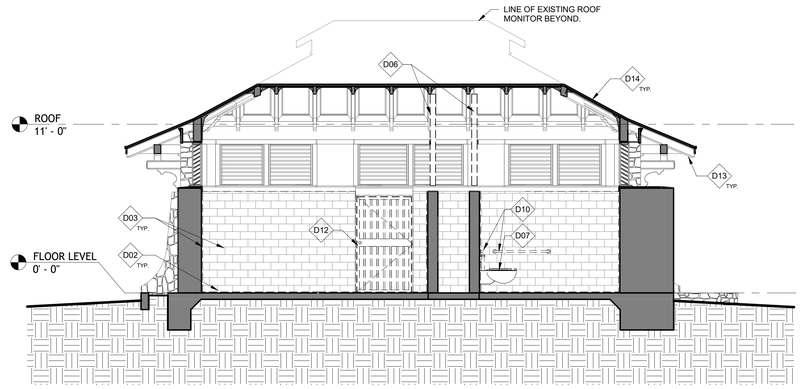
1 DEMOLITION TRANSVERSE BUILDING SECTION LOOKING EAST
1/4" = 1'-0"



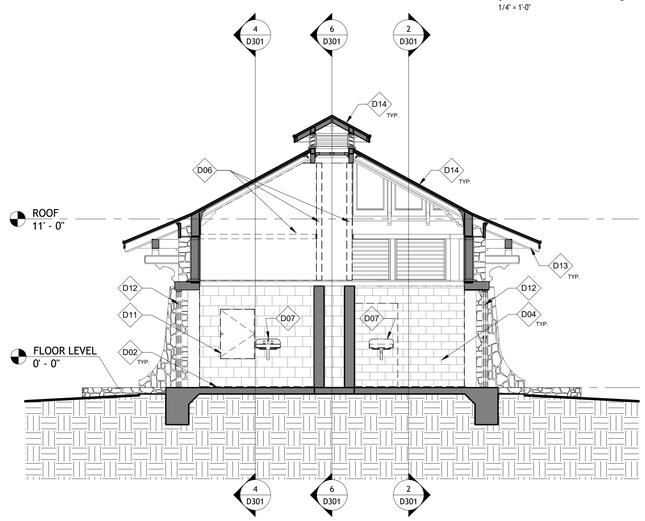
2 DEMOLITION LONGITUDINAL BUILDING SECTION LOOKING SOUTH
1/4" = 1'-0"



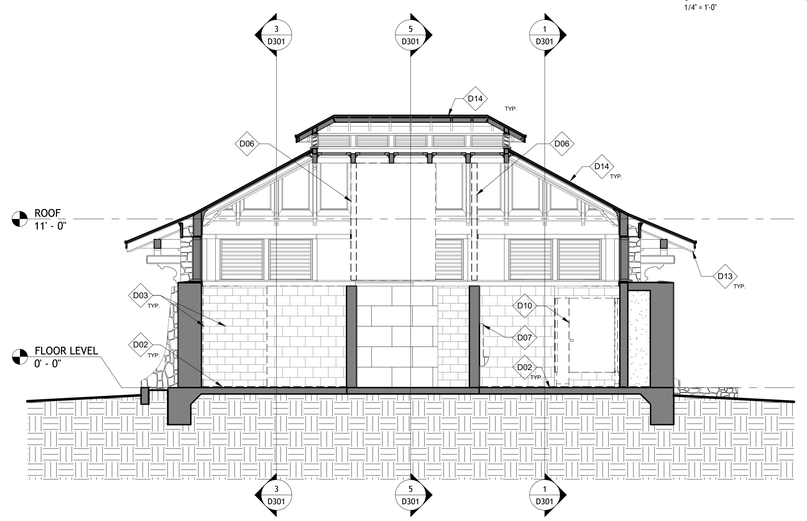
3 DEMOLITION TRANSVERSE BUILDING SECTION LOOKING WEST
1/4" = 1'-0"



4 DEMOLITION LONGITUDINAL BUILDING SECTION LOOKING NORTH
1/4" = 1'-0"



5 DEMOLITION TRANSVERSE BUILDING SECTION
1/4" = 1'-0"



6 DEMOLITION LONGITUDINAL BUILDING SECTION
1/4" = 1'-0"

HP GENERAL NOTES - DEMOLITION

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5	REFER TO ARCHITECTURAL AND HISTORIC PRESERVATION DRAWINGS AND SPECIFICATIONS FOR REPLACEMENT WORK.
6	REFER TO HAZARDOUS MATERIALS SURVEYS AND REPORTS PRIOR TO COMMENCING WORK.
7	NO SELECTIVE DEMOLITION OR REPAIRS WORK IS TO COMMENCE UNTIL ALL HAZARDOUS MATERIAL ABATEMENT WORK IS COMPLETED.
8	VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED OR CAPPED. REFER TO CIVIL AND MEP DRAWINGS AND SPECIFICATIONS.
9	THESE DRAWING SHEETS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR REMOVAL OF ASSEMBLY PROCEDURES. PROTECT ALL ELEMENTS IDENTIFIED TO REMAIN DURING ALL CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY WEATHER TIGHT ENCLOSURES TO SEAL OFF ANY ROOF OR WALL OPENINGS UPON REMOVAL OF EXISTING ROOFING, FLASHING, CAPS, ETC.
11	THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS DURING DEMOLITION SO AS TO NOT DAMAGE ADJACENT FINISHES, MATERIALS, AND FEATURES REQUIRED TO REMAIN IN SERVICE OR BE INCORPORATED INTO THE WORK.
12	THE CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE TO THE BUILDING STRUCTURE. NOTIFY THE STRUCTURAL ENGINEER IMMEDIATELY OF ANY STRUCTURAL CONCERNS.
13	THE CONTRACTOR SHALL REVIEW ALL TEMPORARY SHORING, BRACING, SCAFFOLDING, JOBSITE SAFETY DEVICES, AND CONSTRUCTION CENTERING THAT MAY IMPACT HISTORIC MATERIALS AND FEATURES OF THE BUILDING WITH ARCHITECT, HISTORIC ARCHITECT, AND STRUCTURAL ENGINEER.
14	BRACE ALL STRUCTURAL ELEMENTS OR STRUCTURES AS NECESSARY DURING DEMOLITION. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER
15	THE CONTRACTOR SHALL PROTECT AND PROPERLY STORE ALL BUILDING MATERIALS AND FEATURES IDENTIFIED FOR TEMPORARY REMOVAL, SALVAGE, AND RE-INSTALLATION INTO THE WORK.
16	DEMOLITION OPERATIONS MAY REVEAL PREVIOUSLY UNKNOWN ARCHITECTURAL, STRUCTURAL, OR SUBGRADE CONDITIONS. UNFORSEEN HISTORIC MATERIALS,DETAILS, OR FEATURES MAY SURFACE DURING DEMOLITION OR SELECTIVE REMOVAL PROCEDURES. PROTECT THE HISTORIC MATERIAL AND NOTIFIY HISTORIC ARCHITECT FOR FURTHER INSTRUCTIONS.
17	ANY DAMAGE DONE BY THE CONTRACTOR OR THEIR SUBCONTRACTORS TO HISTORIC MATERIALS OR FEATURES DESIGNATED AS EXISTING TO REMAIN OR SALVAGED FOR REUSE DURING A DEMOLITION OR SELCTIVE REMOVAL PROCEDURE SHALL BE REPAIRED OR RESTORED TO RETURN THE MATERIALS OR FEATURES TO THEIR CONDITION PRIOR TO COMMENCEMENT OF THE PROCEDURE. SUCH REPAIR OR RESTORATION WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
18	REMOVE AND DEMOLISH EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE AND TRUE TO DIMENSION REQUIRED. USE METHODS LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION OR CONSTRUCTION TO REMAIN.
19	RESTORE EXPOSED FINISHED OR PATCHED AREAS AND EXTEND RESTORED FINISH AREA INTO ADJOINING CONSTRUCTION TO REMAIN IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING, REPAIRING AND REFINISHING.
20	PATCH AND REPAIR FLOOR, WALL, AND CEILING SURFACES WHERE DEMOLITION OCCURS. PROVIDE FLUSH AND EVEN SURFACES OF UNIFORM COLOR, TEXTURE, AND APPEARANCE. CLOSELY MATCH TEXTURE AND FINISH OF EXISTING ADJACENT SURFACES.
21	ALL SALVAGED SOUND MATERIALS, ORNAMENTAL WOODWORK, MASONRY MATERIALS, AND OTHER CHARACTER-DEFINING FEATURES REMAIN THE PROPERTY OF THE OWNER.
22	LABEL, SORT, STORE, AND PROTECT ALL SALVAGED SOUND MATERIALS, DECORATIVE WOOD COLUMNS, ORNAMENTAL WOODWORK, AND OTHER CHARACTER-DEFINING FEATURES FOR REHABILITATION AND REINSTALLATION, OR USE IN REPLICATING NEW REPLACEMENT FEATURES.
23	COORDINATE WITH THE CITY OF SAN ANTONIO'S OFFICE OF HISTORIC PRESERVATION'S HISTORIC MATERIALS SALVAGE PROGRAM FOR DONATION AND DELIVERY OF UNUSED SALAVAGE MATERIAL AT THE CONCLUSION OF THE PROJECT.
24	REMOVE ALL EXISTING LIGHT FIXTURES, CONDUITS, WIRES, METER BOXES, CIRCUIT PANELS, ELECTRICAL UTILITY DROPS, WEATHERHEADS, GAS METERS, AND ABANDONED ELEMENTS NOT OTEHRWISE INDICATED TO BE INCORPORATED IN NEW WORK.
25	REMOVE ALL STRUCTURAL AND ARCHITECTURAL WOOD ELEMENTS DETERIORATED BEYOND REASONABLE REHABILITATION TREATMENT METHODS FOR REPLACEMENT WITH IN-KIND MATERIALS TO MATCH SIZES AND PROFILES. NOTIFIY HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN CONDITIONS REVEALED THROUGH THE SELECTIVE DISASSEMBLY PROCESS REQUIRING CONDITION ASSESSMENT AND DETERWINATION OF APPROPRIATE TREATMENT METHODS.

DEMOLITION KEYNOTES

KEYNOTE VALUE	KEYNOTE TEXT
D02	DEMOLISH NON-HISTORIC TILE FLOORING. RETAIN EXISTING CONCRETE FOUNDATION FOR REHABILITATION.
D03	DEMOLISH NON-HISTORIC TILE WALL FINISH. RETAIN HISTORIC WOOD-FRAMED WALL FOR REHABILITATION.
D04	DEMOLISH TILE WALL FINISH. RETAIN NON-HISTORIC CMU WALL FOR REHABILITATION.
D05	DEMOLISH NON-HISTORIC TILE-FINISHED WALL ON CMU COMPLETE.
D06	DEMOLISH NON-HISTORIC, WOOD-FRAMED, PARTITION WALL AND WOOD LATTICE PANELS COMPLETE.
D07	DEMOLISH ALL PUMPING FIXTURES AND ASSOCIATED PIPING COMPLETE, TYPICAL. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D10	DEMOLISH ALL EXISTING, NON-HISTORIC, TOILET ACCESSORIES, INCLUDING GRAB BARS, TOILET PAPER DISPENSERS, ETC., TYPICAL.
D11	DEMOLISH EXISTING ACCESS PANEL AND FRAME.
D12	DEMOLISH NON-HISTORIC METAL SECURITY GATE AND FRAME.
D13	SELECTIVELY DEMOLISH DETERIORATED, WOOD, ROOF FRAMING AND ROOF DECKING AT EAVES AND OVERHANGS. RETAIN SOUND MATERIAL FOR REHABILITATION. REFER TO SPECIFICATION SECTIONS 02 42 96 AND 06 03 12.
D14	REMOVE AND SALVAGE HISTORIC CLAY TILE ROOFING FOR REINSTALLATION. SELECTIVELY DEMOLISH ALL DETERIORATED WOOD SHEATHING, SOFFIT DECKING, AND FASCIA TRIM. RETAIN ALL SOUND WOOD SHEATHING, SOFFIT DECKING, AND FASCIA TRIM FOR REHABILITATION. REFER TO SPECIFICATION SECTIONS 02 42 96 AND 06 03 12.

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Stamp

NOT FOR CONSTRUCTION

Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale North

Drawing Title

DEMOLITION BUILDING SECTIONS

Drawing Number

D301

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ABBREVIATIONS

ABV.	ABOVE
A.F.F.	ABOVE FINISHED FLOOR
ACOUS.	ACOUSTIC
ADD.	ADDITION
ADH.	ADHESIVE
ADJ.	ADJACENT
ADJT.	ADJUSTABLE
AGG.	AGGREGATE
ALT.	ALTERNATE
ALUM.	ALUMINUM
APPD.	APPROVED
APPROX.	APPROXIMATE
ARCH.	ARCHITECT(URAL)
AVG.	AVERAGE
B.S.	BOTH SIDES
B.U.R.	BUILT-UP ROOF
BD.	BOARD
BEL.	BELOW
BET.	BETWEEN
BLKG.	BLOCKING
BM.	BEAM
BOT.	BOTTOM
BRZ.	BRONZE
BSMT.	BASEMENT
C.I.P.C.	CAST-IN-PLACE CONCRETE
C.M.U.	CONCRETE MASONRY UNIT
C.O.	CLEAN OUT
C.T.	CERAMIC TILE
C.W.	COLD WATER
CTL.	JT. CONTROL JOINT
CAB.	CABINET
CEM.	CEMENT
CER.	CERAMIC
CHAM.	CHAMFER
CIR.	CIRCLE
CK.	CAULK(ING)
CLG.	CEILING
CLO.	CLOSET
CLR.	CLEAR(ANCE)
CNTR.	COUNTER
COL.	COLUMN
COMB.	COMBINATION
COMP.	COMPRESS(ED), (ION), (IBLE)
COMPO.	COMPOSITION (COMPOSITE)
CONC.	CONCRETE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CORR.	CORRUGATED
CPT.	CARPET (ED)
CSMT.	CASEMENT
CTR.	CENTER
D.	DRAIN
D.F.	DRINKING FOUNTAIN
D.H.	DOUBLE HUNG
DBL.	DOUBLE
DEM.	DEMOLISH, DEMOLITION
DIAG.	DIAGONAL
DIA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DIV.	DIVISION
DN.	DOWN
DS.	DOWNSPOUT
DTL.	DETAIL
DW.	DISHWASHER
DWG.	DRAWING
DWR.	DRAWER

E.D.F.	ELECTRIC DRINKING FOUNTAIN
E.P.	ELECTRICAL PANELBOARD
EA.	EACH ELEC. ELECTRIC(AL)
ELEV.	ELEVATION
EQ.	EQUIVALENT
EQUIP.	EQUIPMENT
F.A.	FIRE ALARM
F.B.O.	FURNISHED BY OTHERS
F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISHER
F.F.E.	FINISH FLOOR ELEVATION
F.O.F.	FACE OF FINISH
F.O.S.	FACE OF STUD
F.R.	FIRE RATED
F.S.	FULL SIZE
FAS.	FASTEN(ER)
FGL.	FIBERGLASS
FIG.	FIGURE
FIN.	FINISH(ED)
FIXT.	FIXTURE
FLG.	FLASHING
FLUOR.	FLUORESCENT
FLR.	FLOOR(ING)
FND.	FOUNDATION
FP.	FIREPROOF
FR.	FRAME(D), (ING)
G.B.	GRAB BAR
G.C.	GENERAL CONTRACTOR
G.I.	GALVANIZED IRON
GA.	GAUGE
GALV.	GALVANIZED
GD.	GRADE, GRADING
GL.	GLASS, GLAZING
GWB.	GYPSUM WALLBOARD
GYP.	GYPSUM
GYP.D.W.	GYPSUM DRYWALL
GYP.BD.	GYPSUM BOARD
GYP.PL.	GYPSUM PLASTER
H.B.	HOSE BIB
H.C.	HOLLOW CORE
H.M.	HOLLOW METAL
H.V.A.C.	HEAT/VENT/AIR CONDITIONING
H.W.	HOT WATER
HDR.	HEADER
HDW.	HARDWARE
HK.	HOOK(S)
HORIZ.	HORIZONTAL
HR.	HOUR
HT.	HEIGHT
HTG.	HEATING
HWD.	HARDWOOD
H.W.H.	HOT WATER HEATER
I.D.	INSIDE DIAMETER
ILLUS.	ILLUSTRATE(ION)
IN.	INCH
INCL.	INCLUDE(D), (ING)
INS.	INSULATE(D), (ING)
INT.	INTERIOR
JAN.	JANITOR'S CLOSET
JT.	JOINT

L.	LENGTH
L.H.	LEFT HAND
LAM.	LAMINATE
LAV.	LAVATORY
LT.	LIGHT
LTL.	LINTEL
LVR.	LOUVER
LW.	LIGHTWEIGHT
LW.C.	LIGHTWEIGHT CONCRETE
M.C.	MINERAL CORE
MAX.	MAXIMUM
MBR.	MEMBER
MECH.	MECHANICAL
MED.	MEDIUM
MFR.	MANUFACTURER
MH.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
MLD.	MOLDING, MOULDING
MO.	MONTH
MOV.	MOVABLE
MT.	MOUNT(ED), (ING)
MTL.	METAL
MULL.	MULLION
N.I.C.	NOT IN CONTRACT
N.R.	NOISE REDUCTION
N.R.C.	NOISE REDUCTION COEFFICIENT
N.T.S.	NOT TO SCALE
NO.	NUMBER
NOM.	NOMINAL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OH.	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
OPP.HD.	OPPOSITE HAND
ORIG.	ORIGINAL
P.L.	PROPERTY LINE
P.T.D.	PAPER TOWEL DISPENSER
P.T.R.	PAPER TOWEL RECEPTACLE
P.BD.	PARTICLE BOARD
P.LAM.	PLASTIC LAMINATE
PERF.	PERFORATE(D)
PERI.	PERIMETER
PERP.	PERPENDICULAR
PK.	PARKING
PL.	PLATE
PLAS.	PLASTER
PWD.	PLYWOOD
PNT.	PAINT
PR.	PAIR
PREP	PREPARE
PT.	POINT
PTN.	PARTITION
PV.	PAVE(ING)
PVC.	POLYVINYL CHLORIDE
PVMT.	PAVEMENT
R.	RISER
R.A.	RETURN AIR
R.D.	ROOF DRAIN
R.H.	RIGHT HAND
R.O.	ROUGH OPENING
R.O.W.	RIGHT OF WAY
RAD.	RADIUS
RFG.	ROOFING
RFL.	REFLECT(ED), (IVE), (OR)
REF.	REFERENCE
REFR.	REFRIGERATOR
REM.	REMOVE
RES.	RESILIENT
RET.	RETURN
REV.	REVISION
RM.	ROOM
RVS.	REVERSE(SIDE)

S.C.W.	SOLID CORE WOOD
S.D.	STORM DRAIN
SCHED.	SCHEDULE(D)
SEC.	SECTION
SH.	SHELF(VES), (VING)
SHTH.	SHEATHING
SHT.	SHEET
SIM.	SIMILAR
SNT.	SEALANT
SP.	SOUNDPROOF
SPK.	SPEAKER
SPEC.	SPECIFICATION(S)
SQ.	SQUARE
S.S.	STAINLESS STEEL
ST.	STREET
STL.	STEEL
STR.	STRUCTURAL
STD.	STANDARD
STOR.	STORAGE
SUSP.	SUSPENDED
SYS.	SYSTEM
I.E.	THAT IS
T.	TREAD
T.O.C.	TOP OF CURB
T.O.S.	TOP OF STRUCTURE
T.P.D.	TOILET PAPER DISPENSER
T.PTN.	TOILET PARTITION
T.O.STL.	TOP OF STEEL
TEL.	TELEPHONE
TEMP.	TEMPERATURE
THK.	THICK(NESS)
THR.	THRESHOLD
TYP.	TYPICAL
UNF.	UNFINISHED
UR.	URINAL
V.B.	VAPOR BARRIER
V.C.B.	VINYL COVE BASE
V.C.T.	VINYL COMPOSITION TILE
VERT.	VERTICAL
VEST.	VESTIBULE
V.I.F.	VERIFY IN FIELD
VIN.	VINYL
VNR.	VENEER
VOL.	VOLUME
VWC.	VINYL WALL COVERING
W.	WIDTH, WIDE
W.C.	WATER CLOSET
W.H.	WATER HEATER
W.I.	WROUGHT IRON
W.M.	WIRE MESH
W.S.	WEATHERSTRIPPING
WD.	WOOD
WDW.	WINDOW
WP.	WATERPROOFING
WT.	WEIGHT

SYMBOLS

THE FOLLOWING DRAWINGS SYMBOLS INCLUDE, BUT ARE NOT LIMITED TO THOSE TYPICALLY FOUND IN A SET OF CONSTRCTION DOCUMENTS

FLOOR LEVEL LINE — Name, Elevation

MATCHLINE (SHADED PORTION)

COLUMN GRIDS — 000

ROOM TAG — Room name: 101

REVISION TAG — 1 / ASI/RFI

WINDOW TAG — 11

DOOR TAG — 101

NORTH ARROW — N

BUILDING SECTION TAG — 1 / A101 SIM ; 1 / A101 SIM

THE SECTION IS TAKEN ALONG THE STRAIGHT LINE OF THE SYMBOL. THE ARROW POINTS IN THE DIRECTION O FTHE VIEW FOR THE SECTION. THE NUMBER IS A REFERENCE TO THE SENCTION DRAWING. IN THIS EXAMPLE DRAWING 1/A101 REPRESENTS DRAWING 6 ON SHEET A101.

WALL SECTION TAG — 1 / A101 SIM

SEE ABOVE FOR EXPLANATION

ELEVATION TAG — 2 / A300 EXTERIOR ; 2 / A300 INTERIOR

THE ARROW POINTS IN THE DIRECTION OF THE VIEW FOR THE ELEVATION. THE NUMBER IS A REFERENCE TO THE ELEVATION DRAWING. IN THIS EXAMPLE, DRAWING 2 ON SHEET A300

DETAIL KEY — 1 / A101 SIM

THIS SYMBOL IS A KEY TO A DETAIL DRAWN OF THE AREA WITHIN THE DASHED LINES. THE NUMBER IS A REFERENCE TO THE DETAIL DRAWING. FOR EXAMPLE, DRAWING 1/A101 REPRESENTS DRAWING 1 ON SHEET A101

SHEET NUMBERING

A401

EACH SHEET OF DRAWINGS IS NUMBERED IN THE LOWER RIGHT HAND CORNER. SHEETS ARE NUMBERED FIRST BY SECTION LETTER THEN BY SHEET NUMBER WITHIN THE SECTION. FOR EXAMPLE, SHEET A401 REPRESENTS SHEET 401 WITHIN THE ARCHITECTURAL SECTION.

DRAWINGS

DRAWINGS ARE ORGANIZED ACCORDING TO A "SECTION FROMAT". WITH EACH SECTION DESCRIBING A GENERAL ASPECT OF THE CONSTRUCTION. THE FOLLOWING LISTING ILLUSTRATES A TYPICAL SEQUENCE OF DRAWINGS DEVELOPED FOR A LOGICAL SECTION OF WORK.

SECTION G	GENERAL PROJECT INFORMATION & DRAWINGS
SECTION C	CIVIL DRAWINGS
SECTION A	ARCHITECTURAL DRAWINGS
SECTION S	STRUCTURAL DRAWINGS
SECTION M	MECHANICAL DRAWINGS
SECTION E	ELECTRICAL DRAWINGS
SECTION P	PLUMBING DRAWINGS
SECTION L	LANDSCAPE DRAWINGS

CODE BASIS:

CITY OF SAN ANTONIO, TEXAS CODE OF ORDINANCES, ADOPTED MAY 1, 2015

2015 EDITION INTERNATIONAL CODES WITH CITY OF SAN ANTONIO ADOPTED AMENDMENTS, UTILIZING THE 2015 EDITION INTERNATIONAL BUILDING CODE (2015 I.B.C.) AS THE PRIMARY BUILDING CODE
AND 2015 INTERNATIONAL ENERGY CONSERVATION CODE AS THE PRIMARY ENERGY CODE.

PROJECT DESCRIPTION:

The property owner wishes to demolish the deteriorated back addition and construct new restroom facilities in addition to rehabilitating and adapting the existing masonry building to fit today's needs.

DEMOLITION

Southwest addition, Storefront Windows, Transoms (retaining historic fresnel panels), Exterior Doors as noted, Canopy as noted, and Interior Partitions. Reference the drawings for details.

ZONING SUMMARY

Address: 1829 N. New Braunfels Ave.
NCB: 1268 BLK: 4 LOT: 9 KITCHEN SUBDIVISION
C-2 IDZ

2,722 SQUARE FEET EXISTING UNLEASED SPACE FOR FUTURE TENANT(/100 OCCUPANCY FACTOR = ESTIMATED 28 OCCUPANTS)

334 SQUARE FEET DEMOLISHED SUPPORT SPACE

451 SQUARE FEET NEW ADDITION SUPPORT SPACE FOR FUTURE TENANT(/100 OCCUPANCY FACTOR = ESTIMATED 5 OCCUPANTS)

OF EXITS PROVIDED: 2 MINIMUM

ENERGY COMPLIANCE:

PROJECT ENERGY COMPLIANCE NOTES:

1. ASHRAE CLIMATE ZONE 2, R-VALUES, U-FACTORS & SHGC VALUES INDICATED ARE PROJECT MINIMUM REQUIREMENTS.
   - U-FACTOR: .40 MAXIMUM VALUE FENESTRATION
   - U-FACTOR: .65 MAXIMUM VALUE SKYLIGHT
   - U-FACTOR: .83 ENTRANCE DOORS
   - SHGC FACTOR: .25 MAXIMUM VALUE GLAZED FENESTRATION
   - SHGC FACTOR: .35 MAXIMUM VALUE SKYLIGHT
   - R-VALUE CEILING: 38 MINIMUM VALUE
   - R-VALUE WALLS: 13 MINIMUM VALUE
   - R-VALUE ROOF: 25 MINIMUM VALUE
2. REFERENCE & REVIEW THE COMCHECK COMPLIANCE CERTIFICATE AND INSPECTION CHECKLIST PREPARED FOR THE PROJECT PRIOR TO WORK TO CONFIRM PRODUCT OR INSTALLATION REQUIREMENTS.
3. REFER TO MEP DRAWINGS FOR ADDITIONAL CODE COMPLIANCE INFORMATION
4. PROVIDE FIREBARRIER PROTECTION WHERE REQUIRED FOR FLAMMABLE SPRAY FOAM INSULATION PRODUCTS SUCH AS POLYURETHANE
5. 75% OF LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES TO BE HIGH- EFFICACY TYPE
   - ANY LAMP MEETING THE FOLLOWING MINIMUM EFFICIENCY REQUIREMENTS:
   - 60 LUMENS PER WATT FOR LAMPS OVER 40 WATTS
   - 50 LUMENS PER WATT FOR LAMPS OVER 15 WATTS, BUT NO MORE THAN 40 WATTS
   - 40 LUMENS PER WATT FOR LAMPS RATED AT 15 WATTS OR LESS
   - INCANDESCENT LAMPS ARE EXLCUDED.
6. AIR LEAKAGE BLOWER DOOR TESTING & VERIFICATION WILL BE REQUIRED PER CODE AFTER CREATION OF ALL PENETRATIONS IN THE THERMAL BUILDING ENVELOPE.
7. COMPLY WITH 2015 IECC TABLE 402.4.1.1 "AIR BARRIER AND INSULATION INSTALLATION" FOR AIR SEALAGE REQUIREMENTS.
8. PIPE INSULATION REQUIREMENTS PER CODE.

GENERAL NOTES

1. ALL NOTES REFER TO NEW WORK UNLESS NOTED AS EXISTING.
2. PATCH AND REPAIR ALL AREAS AND SURFACES AFFECTED BY DEMOLITON AS TO PREPARE FOR NEW CONSTRUCTION.
3. GENERAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. THE CONTRACT DOCUMENTS DO NOT REPRESENT A COMPLETE SURVEY OF ALL EXISTING CONDITIONS.
4. THE CONTRACT DOCUMENTS DO NOT SHOW ALL REQUIRED DEMOLITION, REHABILITATION, AND PATCHING CONDITIONS. CONTRACTOR TO DETERMINE THE EXTENTS OF DEMOLITION AND REHABILITATION WORK AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS.
5. REPAIR AT NO COST TO THE OWNER DAMAGE CAUSED TO AREAS AND MATERIALS AFFECTED BY CONSTRUCTION OPERATIONS. EVERY EFFORT IS TO BE MADE TO MAINTAIN A CLEAN PROJECT SITE AS TO MINIMIZE EFFECTS ON NEW WORK AND SENSITIVE HISTORIC COMPONENTS DUE TO THE PRESENCE OF DUST AND DEBRIS.
6. ARCHITECT'S SEAL ON CONSULTANT'S DRAWINGS ATTESTS ONLY TO THE ARCHITECT'S COORDINATION OF THE CONSULTANT'S WORK WITH THAT OF THE ARCHITECT AND DOES NOT IMPLY THE ARCHITECT'S PRACTICE OF ENGINEERING OR OTHER CONSULTANT'S SPECIALTY.
7. ALL SUBCONTRACTORS AND CONSTRUCTION WORKERS MUST READ THE WRITTEN SPECIFICATIONS CONTAINED IN THE PROJECT MANUAL. THE SPECIFICATIONS CONTAIN ADDITIONAL SURFACE PREPARATION OR SURFACE REQUIREMENTS FOR THE BUILDING MATERIALS, PRODUCTS, OR COMPONENTS THAT ARE BEING PLACED OR INSTALLED.
8. THE INSTALLATION/APPLICATION INFORMATION SHOWN IS NOT COMPLETE WITHOUT THE WRITTEN SPECIFICATIONS. IF THE SPECIFICATIONS/PROJECT MANUAL IS NOT WITH THESE DRAWINGS, ASK THE GENERAL CONTRACTOR FOR A COPY TO REVIEW BEFORE BEGINNING YOUR WORK.
9. THE WORD "PROVIDE" WHEN USED IN ANY DOCUMENT RELATING TO THIS PROJECT, INCLUDING BUT NOT LIMITED TO THE DRAWINGS, SPECIFICATIONS, PROPOSAL REQUESTS, CHANGE ORDERS AND OTHER SIMILAR DOCUMENTS, SHALL MEAN TO FURNISH, INSTALL IN PLACE, CONNECT, FINISH, AND COMPLETE READY TO USE FOR ITS INTENDED PURPOSE.
10. CONTRACTOR SHALL PERFORM ALL WORK IN FULL COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL CODES, AGENCIES, AND ORDINANCES HAVING JURISDICTION.
11. ALL MATERIALS RELATED TO THIS WORK SHALL BE SHIPPED, STORED, AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
12. NEITHER THE ARCHITECT, NOR THE ARCHITECT'S CONSULTANTS WILL BE RESPONSIBLE FOR, NOR HAVE CONTROL OR CHARGE OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR SAFETY PRECAUTIONS IN CONNECTION WITH THIS PROJECT. THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS WILL NOT BE RESPONSIBLE FOR NOR HAVE CONTROL OF OR CHARGE OVER THE ACTS OR OMISSIONS OF THE GENERAL CONTRACTOR OR SUBCONTRACTORS, OR ANY OF THEIR AGENTS, EMPLOYEES, OR ASSIGNS PERFORMING ANY OF THE WORK ON THIS PROJECT.
13. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL VISIT THE SITE AND INCLUDE IN HIS BID ALL ADJUSTMENTS AND COSTS AFFECTING EXISTING BUILDING UTILITY SERVICES, I.E. WATER LINES, WASTE LINES, GAS LINES, AND ELECTRICAL SERVICE THAT ARE APPLICABLE TO THE PROJECT.
14. CONTRACTOR SHALL BRING TO THE IMMEDIATE ATTENTION OF THE ARCHITECT ANY OMMISSIONS, ERRORS, OR CONFLICTS IN THE CONSTRUCTION DOCUMENTS OR FIELD CONDITIONS. GENERAL CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS AND CONDITIONS AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ANY WORK.
15. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PROJECT SITE, AND EXISTING UTILITIES CAUSED BY THIS WORK ON THIS PROJECT AND SHALL QUICKLY REPAIR OR REPLACE THE DAMAGE. THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION AT THE BUILDING FOR THIS WORK UNTIL TURNED OVER TO THE OWNER.
16. THE CONSTRUCTION DRAWINGS AND/OR NOTES ARE TO ILLUSTRATE THE GENERAL TYPE OF CONSTRUCTION AND DESIGN DESIRED AND ARE INTENDED TO IMPLY THE FINEST QUALITY OF CONSTRUCTION MATERIAL AND WORKMANSHIP THROUGHOUT.
17. UPON COMPLETION OF THE PROJECT, AN INDEPENDENT REGISTERED ACCESSIBILITY SPECIALIST WILL VISIT THE SITE FOR TDLR CONFORMANCE.
18. GENERAL CONTRACTOR, SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS ARE TO CERTIFY THAT ALL MATERIALS AND PRODUCTS USED IN CONSTRUCTION DO NOT CONTAIN ASBESTOS IN ANY AMOUNT IN ACCORDANCE WITH THE TOXIC SUBSTANCE CONTROL ACT.

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Revisions

Date
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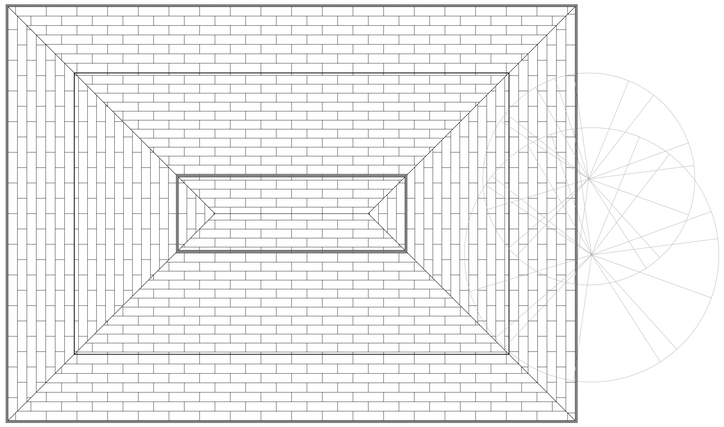
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ABBREVIATIONS & SYMBOLS

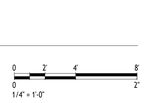
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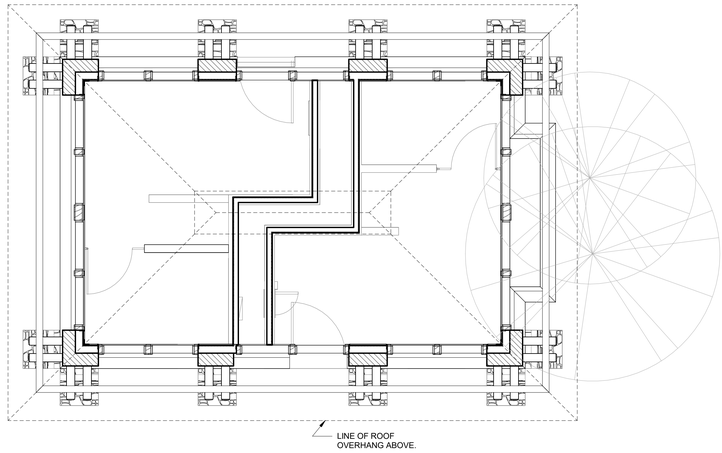
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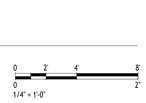
4 EXISTING ROOF PLAN
1/4" = 1'-0"



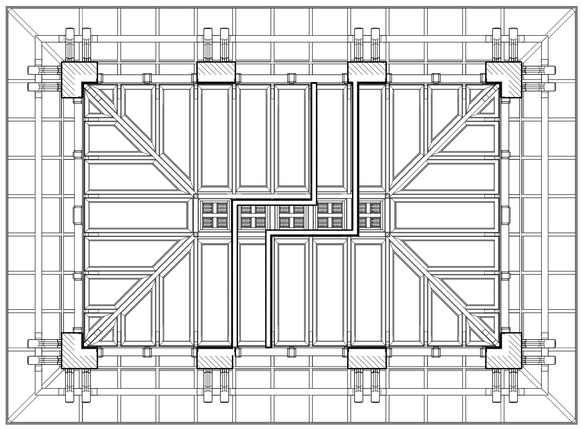




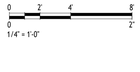
2 EXISTING CLERESTORY FLOOR PLAN
1/4" = 1'-0"



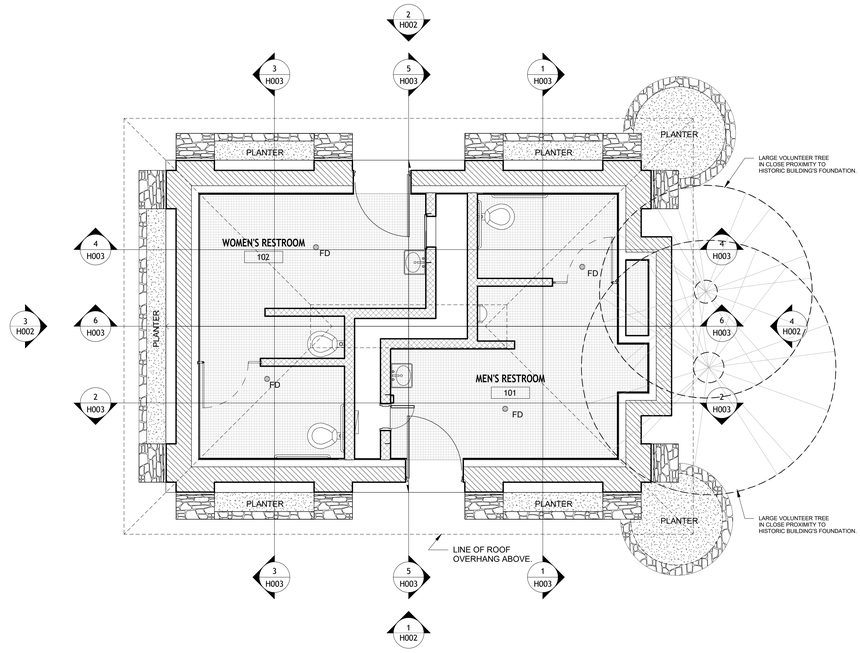




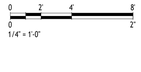
3 EXISTING REFLECTED CEILING PLAN
1/4" = 1'-0"







1 EXISTING FLOOR PLAN
1/4" = 1'-0"





GENERAL NOTES - EXISTING

NUMBER	EXISTING CONDITION NOTE
1	
2	
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CONDITION ASSESSMENT LEGEND

- MATERIAL LOSS
- MATERIAL DAMAGE
- FINISH DAMAGE
- HISTORIC OVER-PAINTING / SIGNAGE
- MAJOR CRACK
- MINOR / HAIRLINE CRACK
- NON-HISTORIC MATERIAL
- PREVIOUS PATCH / REPAIR
- NON-HISTORIC FINISH / OVER-PAINTING
- STAINING / BIOLOGICAL GROWTH
- PREVIOUS CRACK REPAIR
- MAJOR WATER DAMAGE
- MINOR WATER DAMAGE / STAINING
- MAJOR WALL DAMAGE (PLAN)
- MODERATE WALL DAMAGE (PLAN)
- MINOR WALL DAMAGE (PLAN)

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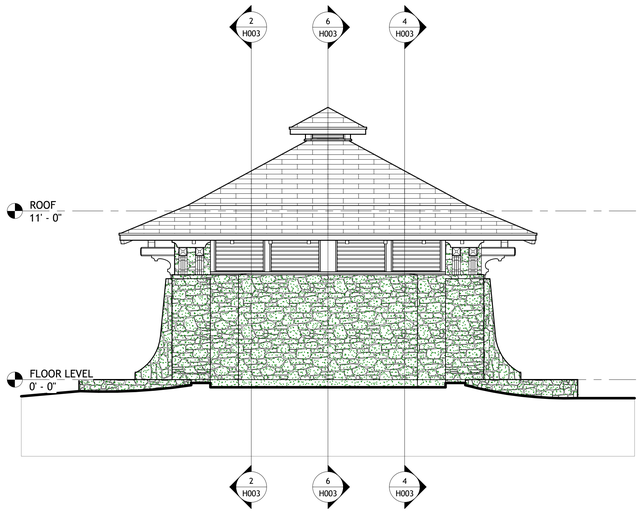
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CONDITION ASSESSMENT FLOOR PLANS

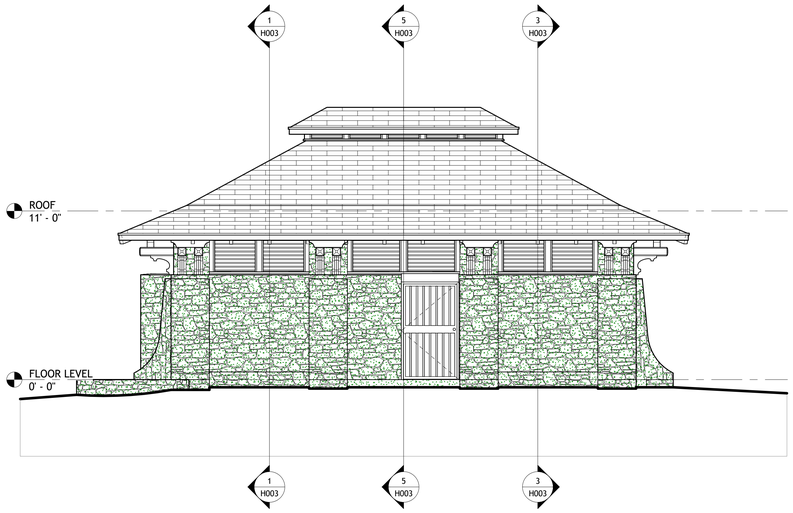
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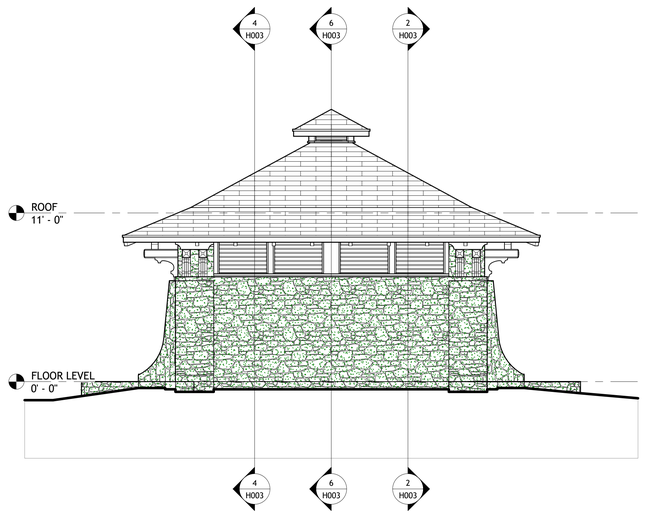
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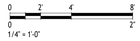
4 EXISTING EAST BUILDING ELEVATION
1/4" = 1'-0"

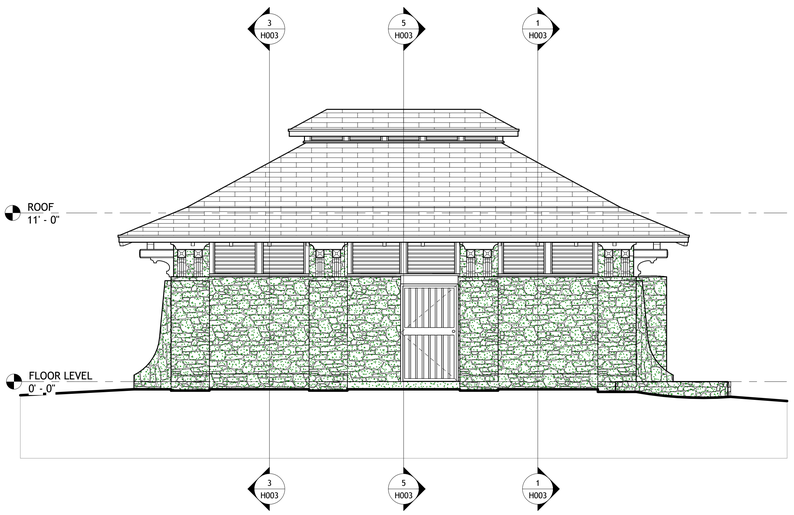


2 EXISTING NORTH BUILDING ELEVATION
1/4" = 1'-0"

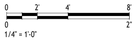


3 EXISTING WEST BUILDING ELEVATION
1/4" = 1'-0"





1 EXISTING SOUTH BUILDING ELEVATION
1/4" = 1'-0"



GENERAL NOTES - EXISTING

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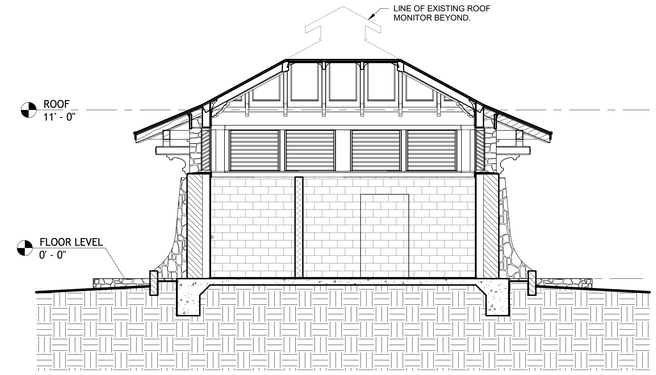
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CONDITION ASSESSMENT BUILDING ELEVATIONS

Drawing Number

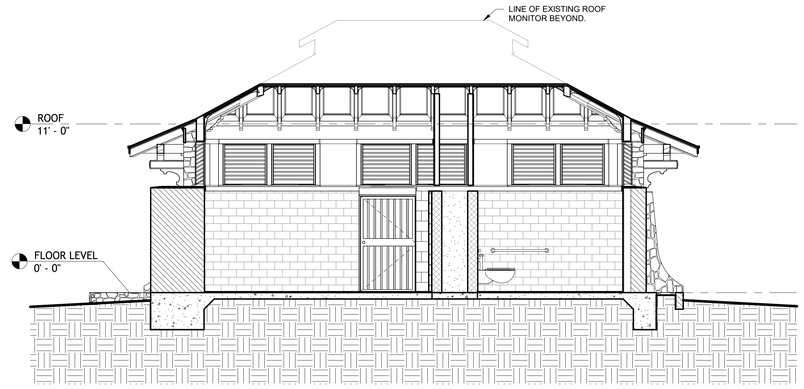
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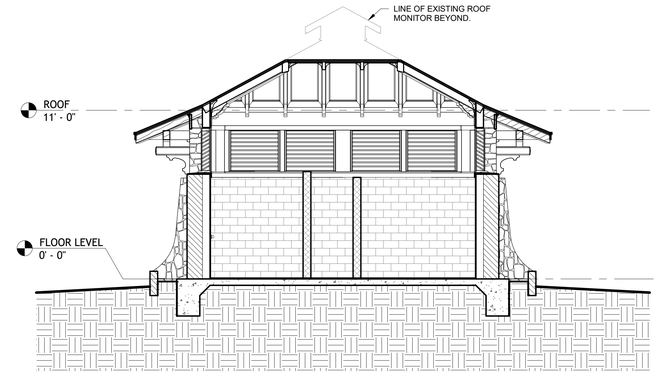
1 EXISTING - TRANSVERSE BUILDING SECTION LOOKING EAST
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"



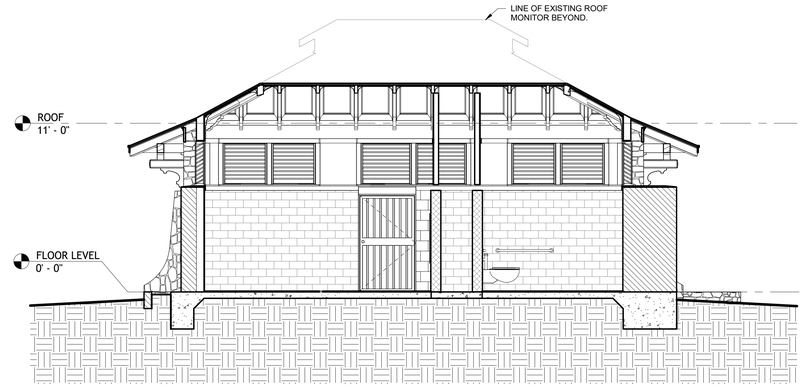
2 EXISTING - LONGITUDINAL BUILDING SECTION LOOKING SOUTH
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"



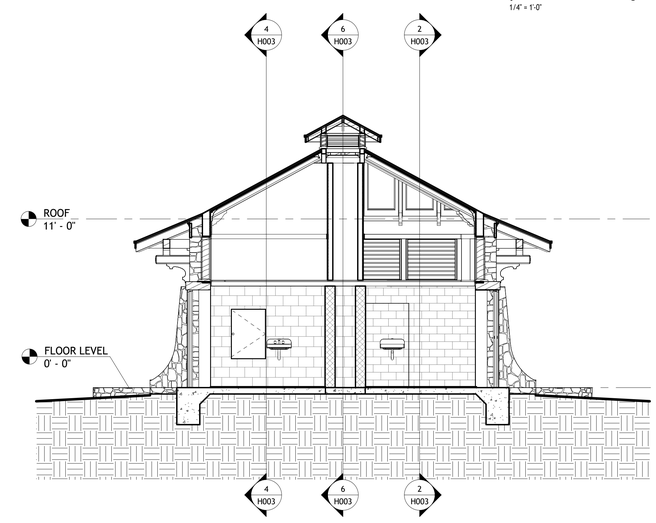
3 EXISTING - TRANSVERSE BUILDING SECTION LOOKING WEST
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"



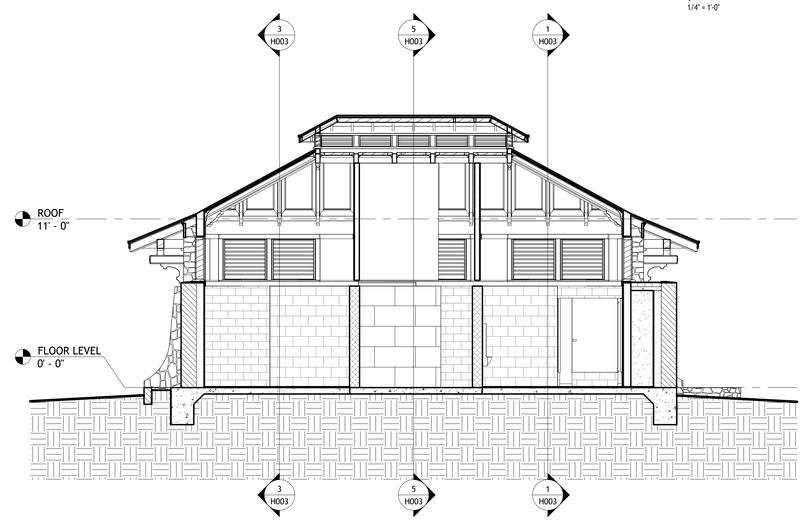
4 EXISTING - LONGITUDINAL BUILDING SECTION LOOKING NORTH
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"



5 EXISTING - TRANSVERSE BUILDING SECTION
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"



6 EXISTING - LONGINTUDINAL BUILDING SECTION
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"

GENERAL NOTES - EXISTING

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CONDITION ASSESSMENT BUILDING SECTIONS

Drawing Number

H003

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1 WOMEN'S EXTERIOR VIEW



2 LEFT STONE WALL & STEPS AT WOMEN'S ENTRY



3 RIGHT STONE WALL



4 LEFT RAILING & STEPS AT WOMEN'S ENTRY



5 RIGHT RAILING & RAMP AT WOMEN'S ENTRY



6 SIGN AT WOMEN'S ENTRY



7 DETAIL VIEW OF BRACKETS & ROOF OVERHANG



8 RIGHT CORNER



9 RIGHT EXTERIOR



10 LOUVERS AT RIGHT EXTERIOR FACADE



11 STONE BACE RIGHT



12 EXTERIOR VIEW AT MEN'S ENTRY



13 STONE BASE AT MENS



14 LEFT BRACKETS AT MENS



15 CENTER BRACKET



16 LOUVERS ABOVE MEN'S ENTRY GATE



17 RIGHT CENTER BRACKET



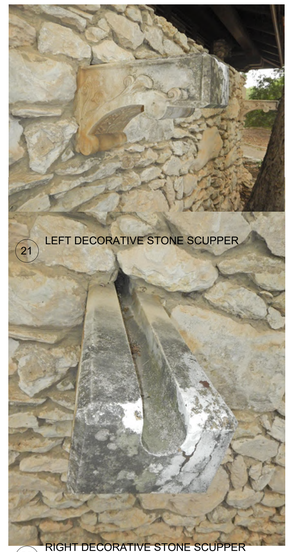
18 RIGHT VENT @ MENS



19 RIGHT BRACKET AT MENS



20 LEFT EXTERIOR



21 LEFT DECORATIVE STONE SCUPPER

22 LEFT STONE DECOR.



23 LEFT STONE DECOR.



24 LEFT CORNER



25 TREE @ LEFT SIDE



26 CLERESTORY LOUVERS AT LEFT SIDE

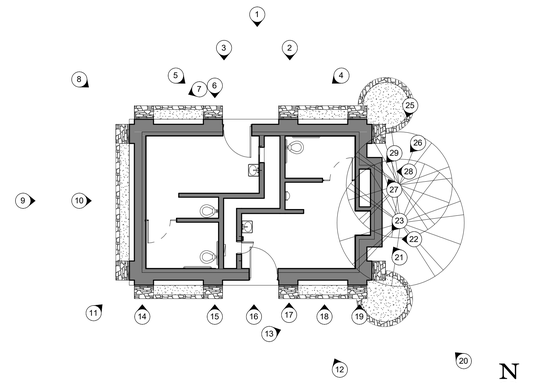


27 RIGHT DECORATIVE STONE SCUPPER

28 RIGHT DECORATIVE STONE SCUPPER



29 RIGHT DECORATIVE STONE SCUPPER



1 EXISTING FLOOR PLAN - PHOTO KEY PLAN-EXTERIOR
1/8" = 1'-0"

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EXISTING CONDITIONS PHOTOGRAPHS-EXTERIOR

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1 CENTRAL WALL AT MEN'S RESTROOM



2 TILE FLOORING AT MEN'S ENTRY GATE



3 VIEW OF ELECTRICAL PANEL AT ACCESS DOOR



4 PLUMBING PIPING AT WET WALL



5 PLUMBING PIPING AT WET WALL



6 PLUMBING PIPING AT WET WALL



7 PLUMBING PIPING AT WET WALL



8 SEPARATING WALL & TROFFER LIGHT AT MEN'S



9 UPPER SEPARATING WALL AT MEN'S



10 MEN'S TOILE PARTITION DOOR



11 CEILING AND SEPARATING WALL AT MEN'S

12 LOUVERS AND INTERIOR TRIM WORK AT MEN'S



13 LOUVERS AND INTERIOR TRIM WORK AT MEN'S



14 WOMEN'S ENTRY GATE



15 LOUVERS ABOVE WOMEN'S ENTRY GATE



16 WOMEN'S LAVATORY & TOILET ACCESSORIES



17 LIGHT AT WOMEN'S SEPARATING WALL



18 SEPARATING WALL AT WOMEN'S



19 LIGHT & SEPARATING WALL AT WOMEN'S STALL



20 DAMAGED TILE AT WOMEN'S STALL



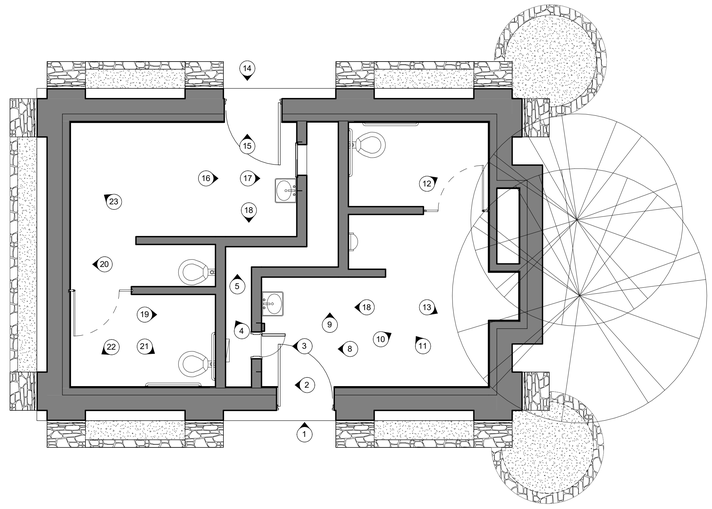
21 REAR CORNER AT WOMEN'S STALL



22 LOUVERS & TRIM WORK AT WOMEN'S STALL



23 LOUVERS & TRIM WORK AT WOMEN'S STALL



1 EXISTING FLOOR PLAN - PHOTO KEY PLAN-INTERIOR
1/4" = 1'-0"

N

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Revisions

Date
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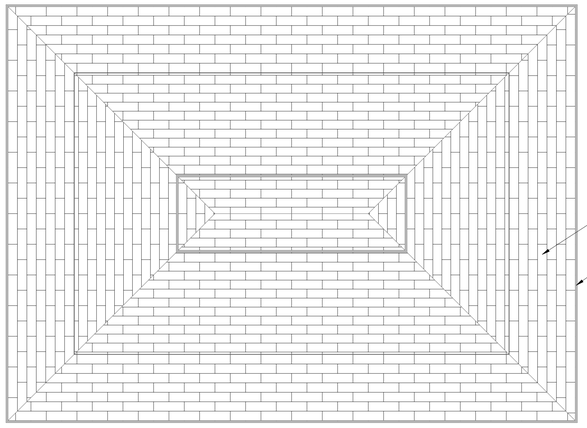
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EXISTING CONDITIONS PHOTOGRAPHS-INTERIOR

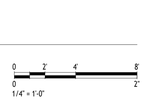
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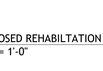
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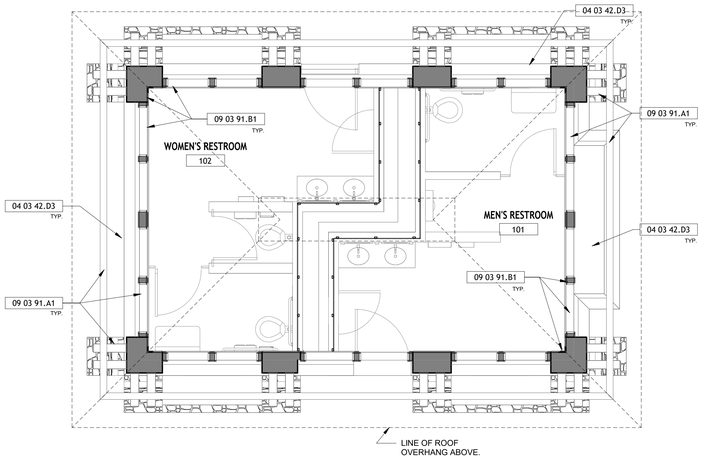
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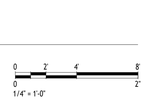
4 PROPOSED REHABILTATION ROOF PLAN
1/4" = 1'-0"



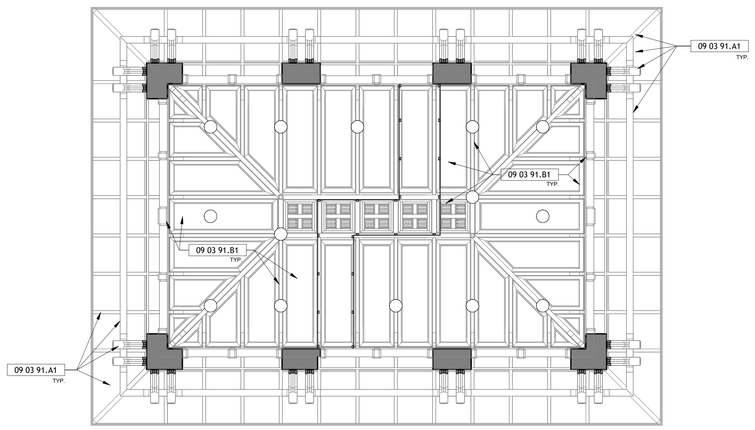




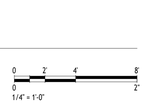
2 PROPOSED REHABILTATION CLERESTORY FLOOR PLAN
1/4" = 1'-0"



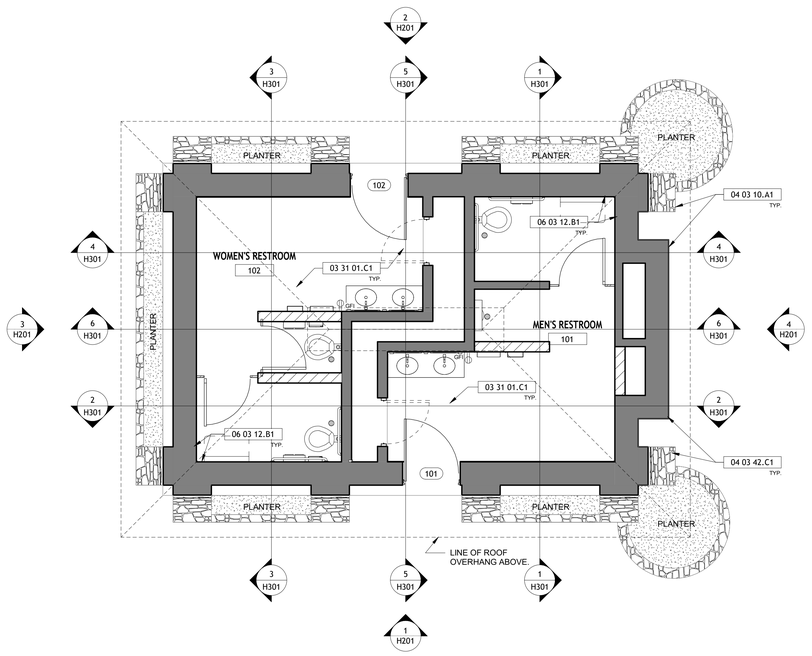




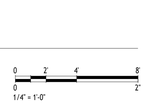
3 PROPOSED REHABILITATION RCP
1/4" = 1'-0"







1 PROPOSED REHABILTATION FLOOR PLAN
1/4" = 1'-0"





HP GENERAL NOTES - FLOOR PLANS

NUMBER	NOTES
1	REFER TO SHEET A0.00 FOR GRAPHIC SYMBOLS AND LIST OF ABBREVIATIONS.
2	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
3	REFER TO HISTORIC PRESERVATION SPECIFICATIONS FOR SPECIFIC PRODUCTS, TREATMENT PROCEDURES, MOCK-UPS, AND QUALITY CONTROL REQUIREMENTS FOR HISTORIC REHABILITATION WORK.
4	REFER TO ARCHITECTS, LANDSCAPE ARCHITECTS, AND CONSULTING ENGINEERS' DRAWINGS AND SPECIFICATIONS FOR THE FULL SCOPE OF WORK TO BE COORDINATED BY THE GENERAL CONTRACTOR WITH THE HISTORIC REHABILITATION WORK.
5	REFER TO 'D' AND 'HD' DRAWING SHEETS AND SPECIFICATION SECTION 02 4296 - HISTORIC REMOVAL AND DISMANTLING FOR SALVAGED HISTORIC MATERIALS AND FEATURES TO BE REHABILITATED OR REPLICATED IN-KIND FOR INCORPORATION INTO NEW WORK.
6	THESE DRAWINGS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK. THE GENERAL CONTRACTOR SHALL INFORM THE HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN OR SIGNIFICANT DEVIATIONS FROM THE GENERAL REPRESENTATION OF THE EXISTING CONDITIONS THAT MAY IMPACT THE WORK.
7	REASONABLE ASSUMPTIONS AND/OR OBSERVATIONS OF EXISTING MATERIALS, FEATURES, AND STRUCTURAL ELEMENTS DURING THE HISTORIC PRESERVATION ARCHITECT'S PRELIMINARY CONDITION ASSESSMENT WORK APPEAR IN SECTIONS AND DETAILS IN GRAY TO PROVIDE GENERAL CONTEXT FOR NEW WORK. THESE ASSUMPTIONS SHALL BE CONFIRMED BY THE GENERAL CONTRACTOR AND SUB-CONTRACTORS PRIOR TO BEGINNING WORK.
8	NOT ALL KEYNOTES APPEAR IN EACH DRAWING SHEET. REFER TO INDIVIDUAL SHEET FOR SPECIFICATIONS NOTES.
9	ALL DIMENSIONS OF EXISTING CONDITIONS SHALL BE TAKEN FROM FACE OF FINISHED WALL UNLESS NOTED ON PLANS AND DETAILS. VERIFY ALL DIMENSIONS IN FIELD.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR DISMANTLING PROCEDURES OR EXECUTION OF NEW WORK. PROTECT ALL ELEMENTS, HISTORIC OR OTHERWISE, DURING ALL PHASES OF CONSTRUCTION OPERATIONS. SECURE THE SITE AND BUILDING FROM INTRUSION OR VANDALISM WHEN ACTIVE CONSTRUCTION OPERATIONS CEASE. TAKE NECESSARY PRECAUSTIONS TO SAFEGUARD THE HEALTH, SAFETY, AND WELL-BEING OF THE KEYSTONE SCHOOL'S STUDENTS, FACULTY, AND STAFF WHEN SCHOOL IS IN SESSION OR DURING AFTER-HOURS EVENTS.
11	REFER TO SPECIFICATION SECTION 01 7329 - CUTTING AND PATCHING FOR SPECIAL PRECAUTIONS AND REQUIREMENTS. PROTECT ALL EXISTING MATERIAL, FEATURES, AND STRUCTURE, HISTORIC OR OTHERWISE, TO REMAINWHERE NEW WORK IS TO OCCUR. PATCH AND REPAIR ANY DAMAGE RESULTING FROM DEMOLITION, SELECTIVE DISMANTLING, OR NEW WORK. MATCH ADJACENT FINISHES AND COLORS.
12	GENERAL CONTRACTOR TO INSTITUTE AND ENFORCE ROBUST FIRE PROTECTION AND FIRE WATCH PROTOCOLS AS PART OF A COMPREHENSIVE JOBSITE SAFETY PROGRAM TO ENSURE WORKER SAFETY AND PROTECTION OF THE HISTORIC WOOD-FRAMED BUILDING AND SURROUNDING SCHOOL PROPERTY.
13	GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INSTITUTING AND ENFORCING FALL PROTECTION PROTOCOLS AS PART OF A COMPREHENSIVE JOBSITE SAFETY PROGRAM TO ENSURE WORKER SAFETY DURING ROOFING OPERATIONS. THIS SHALL ENCOMPASS, BUT IS NOT LIMITED TO, A RANGE OF SAFETY MEASURES, INCLUDING PERSONAL PROTECTIVE EQUIPMENT (PPE) LIKE HARNESSES AND LANYARDS, TEMPORARY GUARDRAILS AND BARRIERES, SAFETY NETS, AND ADHERENCE TO CITY, STATE, AND FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
14	PROTECT CEILING, WALLS, FLOORS AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN AND ARE EXPOSED DURING ROOF REPLACEMENT OPERATIONS.
15	REPAIR ROOF STRUCTURAL MEMBERS AND INSTALL NEW DECK AS REQUIRED AFTER ROOF REMOVAL PER STRUCTURAL ENGINEER'S DRAWINGS AND SPECIFICATIONS. PREPARE SURFACES OF ROOF DECK PER ROOF WATERPROOF *MEMBRANE* MANUFACTURER'S INSTRUCTIONS.
16	REFER TO *MEP* ENGINEER'S DRAWINGS AND SPECIFICATIONS FOR LOCATION OF NEW PENETRATIONS IN ROOF. NEW ROOF PENETRATIONS TO BE ON THE REAR OF THE STRUCTURE WHERE POSSIBLE TO LIMIT VISIBILITY FROM THE RIGHT-OF-WAY. DRAWINGS MAY NOT SHOW OR INCLUDE DETAIL KEYS FOR ALL PENETRATIONS. IT SHALL REMAIN THE GENERAL CONTRACTOR'S RESPONSIBILITY TO INCLUDE WITHIN ITS BID ALL ROOFING, FLASHING, SUPPORTS, EQUIPMENT RELOCATION, ETC., FOR A COMPLETE JOB. IN THE ABSENCE OF A SPECIFIC DETAIL THE CONTRACTOR SHALL INCLUDE INSTALLATIONS MEETING THE ROOF SYSTEM MANUFACTURER'S STANDARD ASSEMBLY.
17	REFER TO INSTALLATION INSTRUCTIONS AND REQUIREMENTS FOR MATERIAL HANDLING AND STORAGE FOR WIP WATERPROOF *MEBRANE* UNDERLAYMENT MANUFACTURER AND METAL ROOF PANEL MANUFACTURER. MANUFACTURERS' TECHNICAL REPRESENTATIVES SHALL BE ENGAGED FOR PRE-INSTALLATION MEETINGS AND PERIODIC OBSERVATIONS OF THE WORK TO ENSURE WORK COMPLIES WITH MANUFACTURERS' WARRANTY CONDITIONS REQUIREMENTS.
18	THE SUBSTRATE SHALL BE CLEAN AND DRY PRIOR TO ROOF INSTALLATION.
19	ALL MASONRY MATERIALS AND SUBSTRATE SHALL BE PRIMED PER WIP WATERPROOF *MEMBRANE* UNDERLAYMENT MANUFACTURER'S INSTALLATION REQUIREMENTS AND GUIDELINES.
20	WHEN INSTALLING WIP WATERPROOF *MEMBRANE* UNDERLAYMENT, WORK FROM BOTTOM OF SLOPE UP THE ROOF TO FORM WATER SHEDDING LAPS. LAP WIDTHS SHALL COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
21	WHEN INSTALLING WIP WATERPROOF *MEMBRANE* UNDERLAYMENT, COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR INSIDE AND OUTSIDE CORNER PATHCES. MODIFY RELIEF CUTS IN PATCH AS REQUIRED.
22	COVER ALL EXPOSED WIP WATERPROOF *MEMBRANE* FLASHING WITH METAL FLASHING, METAL ROOF PANELS, BEVELED WOOD WALL SIDING, OR WOOD SHINGLE WALL SIDING. SEQUENCE WORK TO LIMIT EXPOSURE OF UNDERLAYMENT AND *MEMBRANE* FLASHINGS PER MANUFACTURER'S RECOMMENDATIONS.
23	PROVIDE DIVERTER ABOVE ENTRY DOORS TO PROMOTE POSITIVE RUNOFF TO EITHER SIDE.

HISTORIC REHABILITATION KEYNOTES

KEYNOTE NUMBER	KEYNOTE
03 31 01.C1	PATCH AND REPAIR EXISTING CONCRETE FOUNDATION WHERE PUMPING EQUIPMENT PREVIOUSLY PENETRATED SLAB. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS. PREPARE SURFACE TO RECEIVE NEW TOPPING SLAB. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
04 03 10.A1	CLEAN DIRT, PAINT, ATMOSPHERIC POLLUTANTS, METALLIC STAINS, AND BIOLOGICAL GROWTH FROM EXTERIOR SURFACES OF HISTORIC LIMESTONE MASONRY USING LOW-PRESSURE WATER, NON-ACIDIC MASONRY CLEANING SOLUTIONS, AND HAND BRUSHES USING METHOD APPROVED BY HISSTORIC ARCHITECT AFTER MOCKUP PROCESS, TYPICAL. REFER TO SPECIFICATION SECTION 04 03 10.
04 03 42.C1	REPOINT HISTORIC LIMESTONE MASONRY WHERE NEEDED, POINTING MORTAR USING SMALL HAND TOOLS , AND POWER TOOLS TO REMOVE FAILED POINTING MORTAR AND REPLACING WITH AN HISTORICALLY APPROPRIATE POINTING MORTAR TO REPLICATE HISTORIC TOOLING, TYPICAL. ASSUME 75% POINTING MORTAR REPLACEMENT. REF. SPECIFICATION SECTIONS 04 03 42 AND 04 15 50.
04 03 42.D3	PARGE TOP OF MASONRY WALL - SLOPE TO POSITIVELY DRAIN AWAY FROM LOUVER FRAME.
06 03 12.A1	REPAIR, PATCH OR REPLACE DETERIORATED HISTORIC WOOD ROOF STRUCTURE, DECKING, SOFFITS, AND FASCIA TRIM PRIOR TO RE-ROOFING. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
06 03 12.B1	CLEAN AND REPAIR AS REQUIRED HISTORIC WOOD-FRAMED WALL TO RECEIVE NEW TERRACOTTA TILE FINISH. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
07 32 13.A2	CLEAN AND REINSTALL SALVAGED HISTORIC FLAT TILE SHINGLES OVER REHABILITATED ROOF FRAMING, SHEATHING, SOFFIT BOARDS, UNDERLAYMENT AND SELF-ADHERING *MEMBRANE*. REPLACE BROKEN TILES WITH IN-KIND MATERIAL.
09 03 91.A1	PREPARE AND PAINT ALL NEW AND HISTORIC EXTERIOR WOOD COMPONENTS, INCLUDING TRIM, RAFTER TAILS, BRACKETS, LOUVERS, AND ROOF SOFFITS, TO MATCH EXISTING FINISH. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
09 03 91.B1	PREPARE AND PAINT ALL NEW AND HISTORIC INTERIOR WOOD COMPONENTS, INCLUDING TRIM, BEAMS, BRACKETS, CEILING PANELS, AND INTERIOR SURFACES OF LOUVERS, TO MATCH EXISTING FINISH. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.

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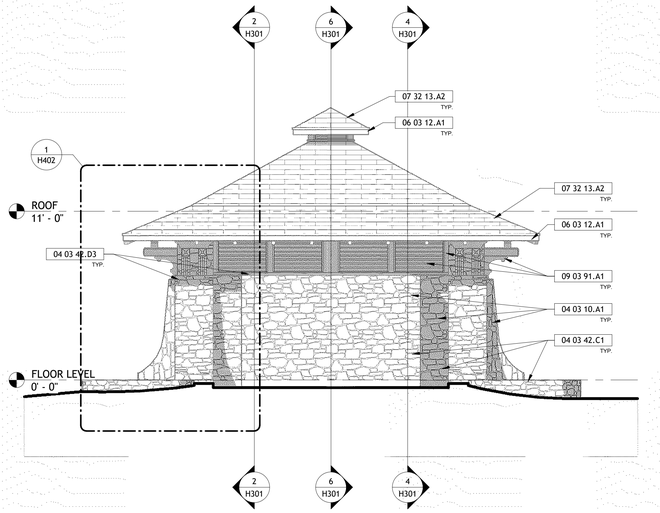
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REHABILITATION FLOOR PLANS

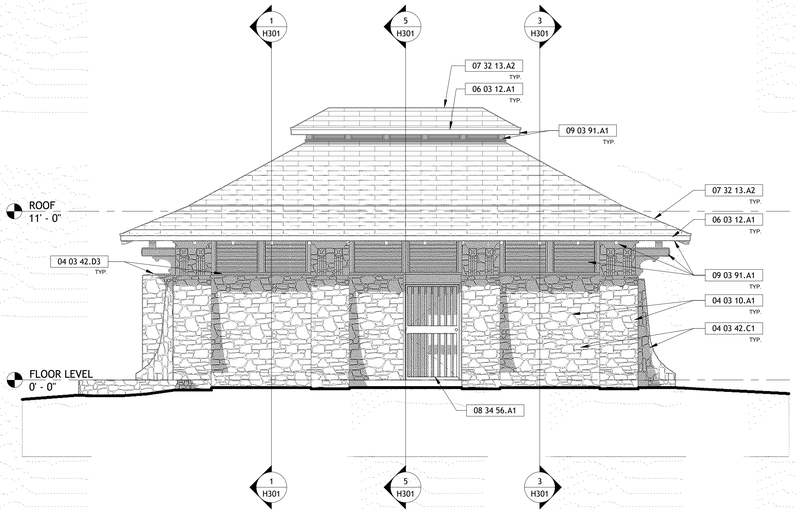
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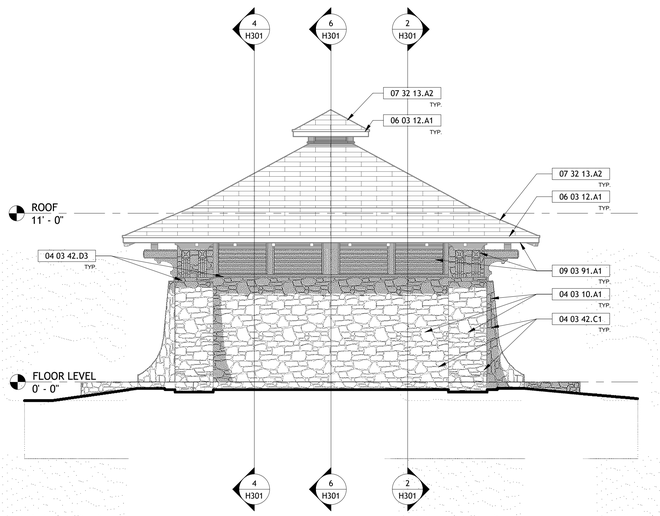


4 REHABILITATION EAST BUILDING ELEVATION
1/4" = 1'-0"

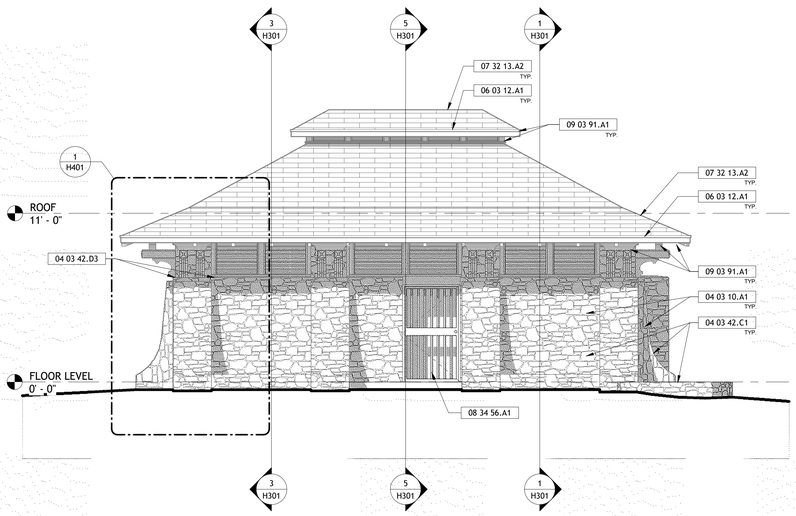


2 REHABILITATION NORTH BUILDING ELEVATION
1/4" = 1'-0"

0 2' 4' 8'
0 2'
1/4" = 1'-0"



3 REHABILITATION WEST BUILDING ELEVATION
1/4" = 1'-0"



1 REHABILITATION SOUTH BUILDING ELEVATION
1/4" = 1'-0"

0 2' 4' 8'
0 2'
1/4" = 1'-0"

HP GENERAL NOTES - ELEVATIONS

NUMBER	NOTES
1	ALL ELEMENTS OF THE FAÇADE ARE TO HAVE EXISTING SEALANTS REMOVED AND ARE TO BE RESEALED. THE PERIMETERS OF ALL HOSE BIBS, LIGHT FIXTURES, PIPES, VENTS, ELECTRICAL BOXES, AND OTHER EXTERIOR ENVELOPE PENETRATIONS SHALL BE SEALED.
2	DRAWINGS MAY NOT INDICATE ALL EXISTING CRACKS IN MASONRY. GENERAL CONTRACTOR TO BASE MASONRY REPAIR AND REPOINTING ESTIMATES UPON ACTUAL FIELD CONDITIONS. REFER TO SPECIFICATION SECTION 04 0342 - HISTORIC MASONRY REPAIR AND REPOINTING.
3	DUE TO VARIATION IN WEATHERING AND PATINA OF THE HISTORIC POINTING MORTAR, REPOINTING MAY REQUIRE MORE THAN ONE MORTAR COLOR SELECTION PER FAÇADE. MULTIPLE REPOINTING MORTAR COLORS MAY BE REQUIRED.
4	ALL BRICK MASONRY IS INTENDED TO RETAIN OR REVEAL ITS NATURAL AND UNPAINTED FINISH.
5	BACK PRIME ALL HISTORIC WOOD MATERIALS TEMPORARIALLY REMOVED PRIOR TO RE-INSTALLATION. PRIME AND PAINT ALL EXPOSED SURFACES OF HISTORIC WOOD MATERIALS AS INDICATED IN PAINT SCHEDULE.
6	BACK PRIME ALL NEW AND REPAIR WOOD MATERIALS ON ALL SIX SIDES PRIOR TO INSTALLATION. PRIME AND PAINT ALL EXPOSED SURFACES OF NEW AND REPAIR WOOD MATERIALS AS INDICATED IN PAINT SCHEDULE.
7	CAREFULLY EXTRACT INVASIVE VINES IMBEDDED IN GAPS BETWEEN WINDOW AND DOOR FRAMES AT MASONRY OPENINGS.
8	CLEAN BIOLOGICAL GROWTH AND ENVIRONMENTAL STAINS FROM MASONRY SURFACES USING GENTLEST MEANS POSSIBLE.
9	PATCH AND REPAIR HOLES FROM FORMER UTILITY CONNECTIONS WITH APPROPRIATE LIME-BASED PATCH MATERIALS.
10	REMOVE PREVIOUS INAPPROPRIATE PORTLAND CEMENT PATCHES AND REPAIRS. REPLACE WITH APPROPRIATE LIME-BASED MORTAR REPAIR MATERIALS.
11	REMOVE DETERIORATED MASONRY JOINTS AND REPOINT USING APPROPRIATE LIME-BASED MORTAR MATERIALS.
12	REINFORCE SEVERE THROUGH-WALL CRACKS WITH CONCEALED STAINLESS STEEL AND/OR CARBON FIBER DEVICES.
13	REPLACE SEVERELY DAMAGED MASONRY BLOCKS THAT CANNOT BE PATCH REPAIRED WITH NEW OR SALVAGED LIMESTONE WITH SIMILAR PHYSICAL AND AESTHETIC PROPRERTIES.
14	APPLY CONSOLIDANTS, SEALER, AND GRAFFITI-RESISTANT COATINGS AS REQUIRED TO AID IN PROTECTION OF OF MASONRY SURFACES FROM WEATHERING AND VANDALISM.
15	PROVIDE AND INSTALL NEW SECURITY GATES WITH OWNER'S PREFERRED LOCKING MECHANISM AND LOCAKBLE TIEBACK SYSTEM TO SECURE GATE IN THE OPEN POSITION DURING PUBLIC OPERATIONS HOURS.
16	PROVIDE APPROPRIATE SEALANTS AS SCHEDULED IN SPECIFICATIONS AT CRACKS, JOINTS, AND JUNCTURES BETWEEN BUILDING COMPONENTS.

HISTORIC REHABILITATION KEYNOTES

KEYNOTE NUMBER	KEYNOTE
04 03 10.A1	CLEAN DIRT, PAINT, ATMOSPHERIC POLLUTANTS, METALLIC STAINS, AND BIOLOGICAL GROWTH FROM EXTERIOR SURFACES OF HISTORIC LIMESTONE MASONRY USING LOW-PRESSURE WATER, NON-ACIDIC MASONRY CLEANING SOLUTIONS, AND HAND BRUSHES USING METHOD APPROVED BY HISSTORIC ARCHITECT AFTER MOCKUP PROCESS, TYPICAL. REFER TO SPECIFICATION SECTION 04 03 10.
04 03 42.C1	REPOINT HISTORIC LIMESTONE MASONRY WHERE NEEDED, POINTING MORTAR USING SMALL HAND TOOLS , AND POWER TOOLS TO REMOVE FAILED POINTING MORTAR AND REPLACING WITH AN HISTORICALLY APPROPRIATE POINTING MORTAR TO REPLICATE HISTORIC TOOLING, TYPICAL. ASSUME 75% POINTING MORTAR REPLACEMENT. REF. SPECIFICATION SECTIONS 04 03 42 AND 04 15 50.
04 03 42.D3	PARGE TOP OF MASONRY WALL - SLOPE TO POSITIVELY DRAIN AWAY FROM LOUVER FRAME.
06 03 12.A1	REPAIR, PATCH OR REPLACE DETERIORATED HISTORIC WOOD ROOF STRUCTURE, DECKING, SOFFITS, AND FASCIA TRIM PRIOR TO RE-ROOFING. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
07 32 13.A2	CLEAN AND REINSTALL SALVAGED HISTORIC FLAT TILE SHINGLES OVER REHABILITATED ROOF FRAMING, SHEATHING, SOFFIT BOARDS, UNDERLAYMENT AND SELF-ADHERING MEMBRANE. REPLACE BROKEN TILES WITH IN-KIND MATERIAL.
08 34 56.A1	METAL SECURITY GATE. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91. REFER TO DOOR AND HARDWARE SCHEDULES.
09 03 91.A1	PREPARE AND PAINT ALL NEW AND HISTORIC EXTERIOR WOOD COMPONENTS, INCLUDING TRIM, RAFTER TAILS, BRACKETS, LOUVERS, AND ROOF SOFFITS, TO MATCH EXISTING FINISH. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.

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8302 BROADWAY
SAN ANTONIO TX, 78209

WGI ENGINEERING
HYDROLOGY
755 E MULBERRY AVE, SUITE 501
SAN ANTONIO, TX 78212

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Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale North

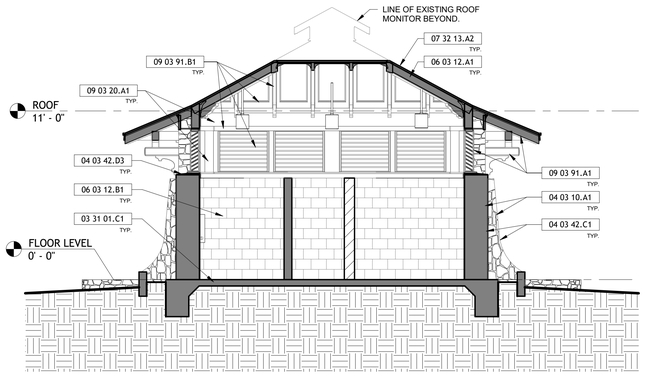
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REHABILITATION BUILDING ELEVATIONS

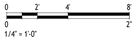
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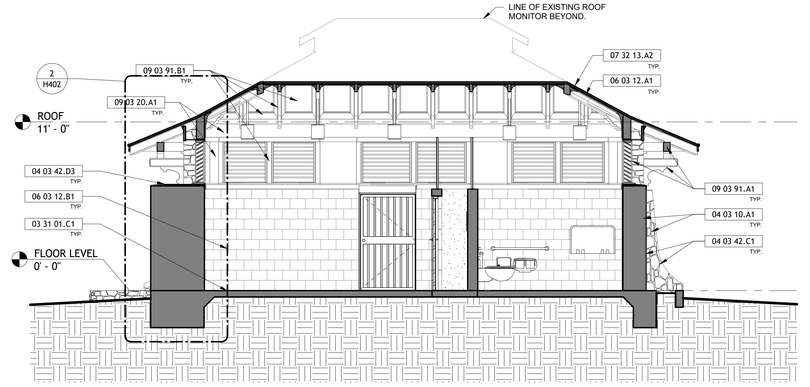
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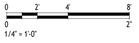


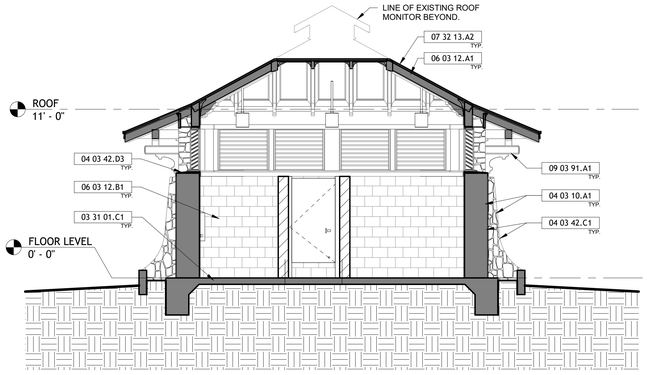
1 TRANSVERSE BUILDING SECTION LOOKING EAST
1/4" = 1'-0"



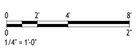


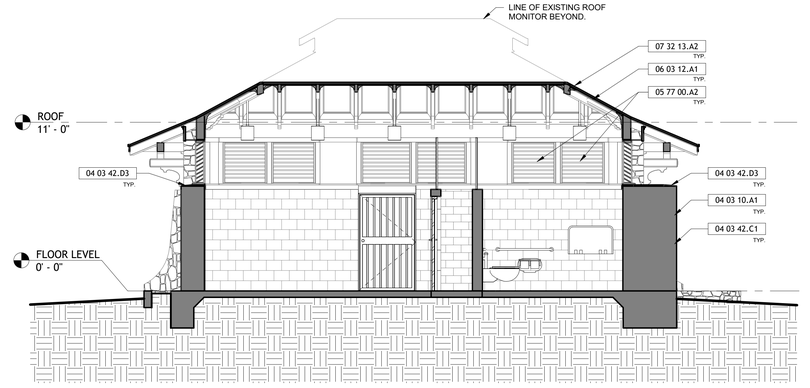
2 LONGITUDINAL BUILDING SECTION LOOKING SOUTH
1/4" = 1'-0"



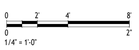


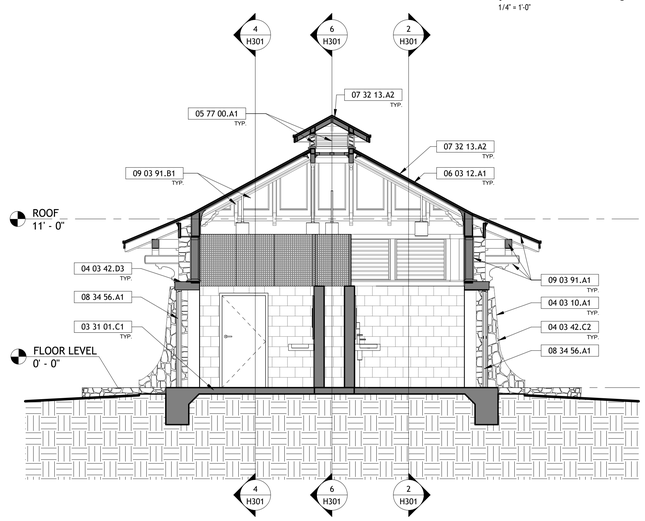
3 TRANSVERSE BUILDING SECTION LOOKING WEST
1/4" = 1'-0"



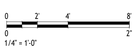


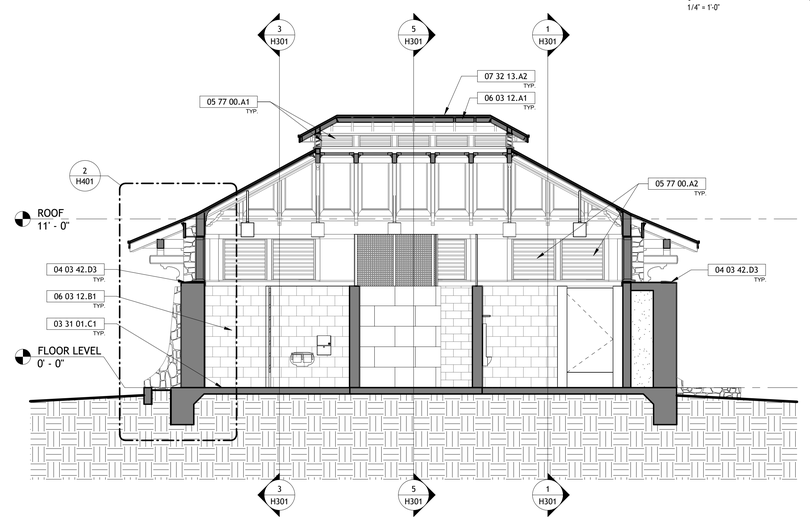
4 LONGITUDINAL BUILDING SECTION LOOKING NORTH
1/4" = 1'-0"



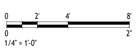


5 TRANSVERSE BUILDING SECTION
1/4" = 1'-0"





6 LONGITUDINAL BUILDING SECTION
1/4" = 1'-0"



HP GENERAL NOTES - SECTIONS & DETAILS

NUMBER	DESCRIPTION
1	REFER TO SHEET A0.00 FOR GRAPHIC SYMBOLS AND LIST OF ABBREVIATIONS.
2	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
3	REFER TO HISTORIC PRESERVATION SPECIFICATIONS FOR SPECIFIC PRODUCTS, TREATMENT PROCEDURES, MOCK-UPS, AND QUALITY CONTROL REQUIREMENTS FOR HISTORIC REHABILITATION WORK.
4	REFER TO ARCHITECTS, LANDSCAPE ARCHITECTS, AND CONSULTING ENGINEERS' DRAWINGS AND SPECIFICATIONS FOR THE FULL SCOPE OF WORK TO BE COORDINATED BY THE GENERAL CONTRACTOR WITH THE HISTORIC REHABILITATION WORK.
5	REFER TO "D" AND "HD" DRAWING SHEETS AND SPECIFICATION SECTION 02 4296 - HISTORIC REMOVAL AND DISMANTLING FOR SALVAGED HISTORIC MATERIALS AND FEATURES TO BE REHABILITATED OR REPLICATED IN-KIND FOR INCORPORATION INTO NEW WORK.
6	THESE DRAWINGS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK. THE GENERAL CONTRACTOR SHALL INFORM THE HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN OR SIGNIFICANT DEVIATIONS FROM THE GENERAL REPRESENTATION OF THE EXISTING CONDITIONS THAT MAY IMPACT THE WORK.
7	REASONABLE ASSUMPTIONS AND/OR OBSERVATIONS OF EXISTING MATERIALS, FEATURES, AND STRUCTURAL ELEMENTS DURING THE HISTORIC PRESERVATION ARCHITECT'S PRELIMINARY CONDITION ASSESSMENT WORK APPEAR IN SECTIONS AND DETAILS IN GRAY TO PROVIDE GENERAL CONTEXT FOR NEW WORK. THESE ASSUMPTIONS SHALL BE CONFIRMED BY THE GENERAL CONTRACTOR AND SUB-CONTRACTORS PRIOR TO BEGINNING WORK.
8	NOT ALL KEYNOTES APPEAR IN EACH DRAWING SHEET. REFER TO INDIVIDUAL SHEET FOR SPECIFICATIONS NOTES.
9	ALL DIMENSIONS OF EXISTING CONDITIONS SHALL BE TAKEN FROM FACE OF FINISHED WALL UNLESS NOTED ON PLANS AND DETAILS.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR DISMANTLING PROCEDURES OR EXECUTION OF NEW WORK. PROTECT ALL ELEMENTS, HISTORIC OR OTHERWISE, DURING ALL PHASES OF CONSTRUCTION OPERATIONS. SECURE THE SITE AND BUILDING FROM INTRUSION OR VANDALISM WHEN ACTIVE CONSTRUCTION OPERATIONS CEASE. TAKE NECESSARY PRECAUTIONS TO SAFEGUARD THE HEALTH, SAFETY, AND WELL-BEING OF THE KEYSTONE SCHOOL'S STUDENTS, FACULTY, AND STAFF WHEN SCHOOL IS IN SESSION OR DURING AFTER-HOURS EVENTS.
11	REFER TO SPECIFICATION SECTION 01 7329 - CUTTING AND PATCHING FOR SPECIAL PRECAUTIONS AND REQUIREMENTS. PROTECT ALL EXISTING MATERIAL, FEATURES, AND STRUCTURE, HISTORIC OR OTHERWISE, TO REMAINWHERE NEW WORK IS TO OCCUR. PATCH AND REPAIR ANY DAMAGE RESULTING FROM DEMOLITION, SELECTIVE DISMANTLING, OR NEW WORK. MATCH ADJACENT FINISHES AND COLORS.
12	GENERAL CONTRACTOR TO INSTITUTE AND ENFORCE ROBUST FIRE PROTECTION AND FIRE WATCH PROTOCOLS AS PART OF A COMPREHENSIVE JOBSITE SAFETY PROGRAM TO ENSURE WORKER SAFETY AND PROTECTION OF THE HISTORIC WOOD-FRAMED BUILDING AND SURROUNDING SCHOOL PROPERTY.

HISTORIC REHABILITATION KEYNOTES

KEYNOTE NUMBER	KEYNOTE
03 31 01.C1	PATCH AND REPAIR EXISTING CONCRETE FOUNDATION WHERE PUMPING EQUIPMENT PREVIOUSLY PENETRATED SLAB. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS. PREPARE SURFACE TO RECEIVE NEW TOPPING SLAB. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
04 03 10.A1	CLEAN DIRT, PAINT, ATMOSPHERIC POLLUTANTS, METALLIC STAINS, AND BIOLOGICAL GROWTH FROM EXTERIOR SURFACES OF HISTORIC LIMESTONE MASONRY USING LOW-PRESSURE WATER, NON-ACIDIC MASONRY CLEANING SOLUTIONS, AND HAND BRUSHES USING METHOD APPROVED BY HISSTORIC ARCHITECT AFTER MOCKUP PROCESS, TYPICAL. REFER TO SPECIFICATION SECTION 04 03 10.
04 03 42.C1	REPOINT HISTORIC LIMESTONE MASONRY WHERE NEEDED, POINTING MORTAR USING SMALL HAND TOOLS , AND POWER TOOLS TO REMOVE FAILED POINTING MORTAR AND REPLACING WITH AN HISTORICALLY APPROPRIATE POINTING MORTAR TO REPLICATE HISTORIC TOOLING, TYPICAL. ASSUME 75% POINTING MORTAR REPLACEMENT. REF. SPECIFICATION SECTIONS 04 03 42 AND 04 15 50.
04 03 42.C2	REPOINT HISTORIC BRICK MASONRY WHERE NEEDED, POINTING MORTAR USING SMALL HAND TOOLS, AND POWER TOOLS TO REMOVE FAILED POINTING MORTAR AND REPLACING WITH AN HISTORICALLY APPROPRIATE POINTING MORTAR TO REPLICATE HISTORIC TOOLING, TYPICAL. ASSUME 75% POINTING MORTAR REPLACEMENT. REF. SPECIFICATION SECTIONS 04 03 42 AND 04 15 50.
04 03 42.D3	PARGE TOP OF MASONRY WALL - SLOPE TO POSITIVELY DRAIN AWAY FROM LOUVER FRAME.
05 77 00.A1	INSTALL NEW BRONZE SCREEN AT INSIDE FACE OF EXISTING MONITOR LOUVERS.
05 77 00.A2	INSTALL NEW BRONZE SCREEN AT INSIDE FACE OF EXISTING WOOD LOUVERS.
06 03 12.A1	REPAIR, PATCH OR REPLACE DETERIORATED HISTORIC WOOD ROOF STRUCTURE, DECKING, SOFFITS, AND FASCIA TRIM PRIOR TO RE-ROOFING. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
06 03 12.B1	CLEAN AND REPAIR AS REQUIRED HISTORIC WOOD-FRAMED WALL TO RECEIVE NEW TERRACOTTA TILE FINISH. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
07 32 13.A2	CLEAN AND REINSTALL SALVAGED HISTORIC FLAT TILE SHINGLES OVER REHABILITATED ROOF FRAMING, SHEATHING, SOFFIT BOARDS, UNDERLAYMENT AND SELF-ADHERING MEMBRANE. REPLACE BROKEN TILES WITH IN-KIND MATERIAL.
08 34 56.A1	METAL SECURITY GATE. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91. REFER TO DOOR AND HARDWARE SCHEDULES.
09 03 20.A1	CLEAN, PATCH, AND REPAIR PLASTER COATING TO MATCH EXISTING. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
09 03 91.A1	PREPARE AND PAINT ALL NEW AND HISTORIC EXTERIOR WOOD COMPONENTS, INCLUDING TRIM, RAFTER TAILS, BRACKETS, LOUVERS, AND ROOF SOFFITS, TO MATCH EXISTING FINISH. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
09 03 91.B1	PREPARE AND PAINT ALL NEW AND HISTORIC INTERIOR WOOD COMPONENTS, INCLUDING TRIM, BEAMS, BRACKETS, CEILING PANELS, AND INTERIOR SURFACES OF LOUVERS, TO MATCH EXISTING FINISH. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.

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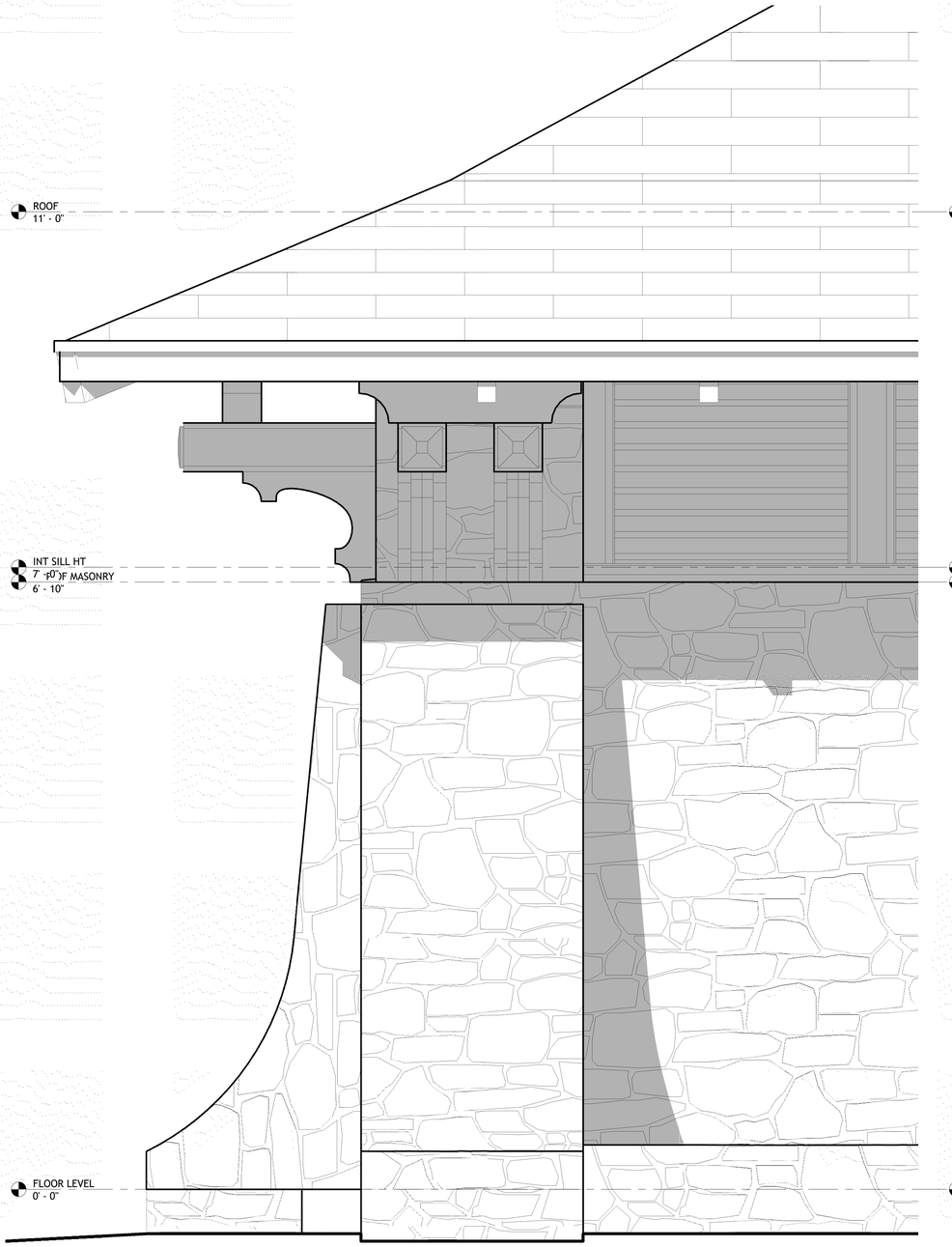
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REHABILITATION BUILDING SECTIONS

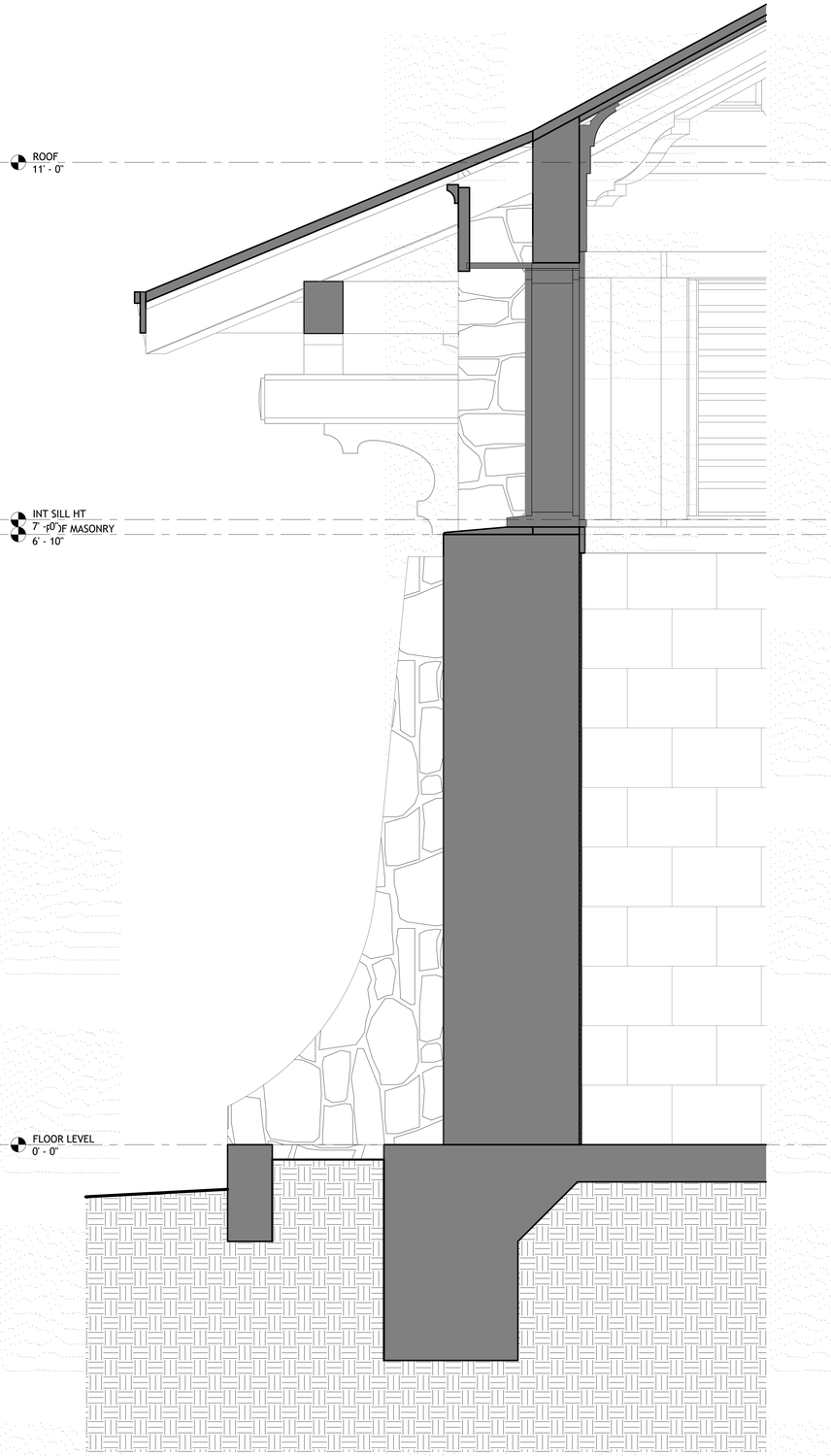
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H301

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1 EXTERIOR ELEVATION DETAIL 1
1 1/2" = 1'-0"



2 EXTERIOR WALL SECTION 1
1 1/2" = 1'-0"

GENERAL NOTES - DETAILS

NUMBER	NOTE
1	
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HISTORIC REHABILITATION KEYNOTES

KEYNOTE NUMBER	KEYNOTE

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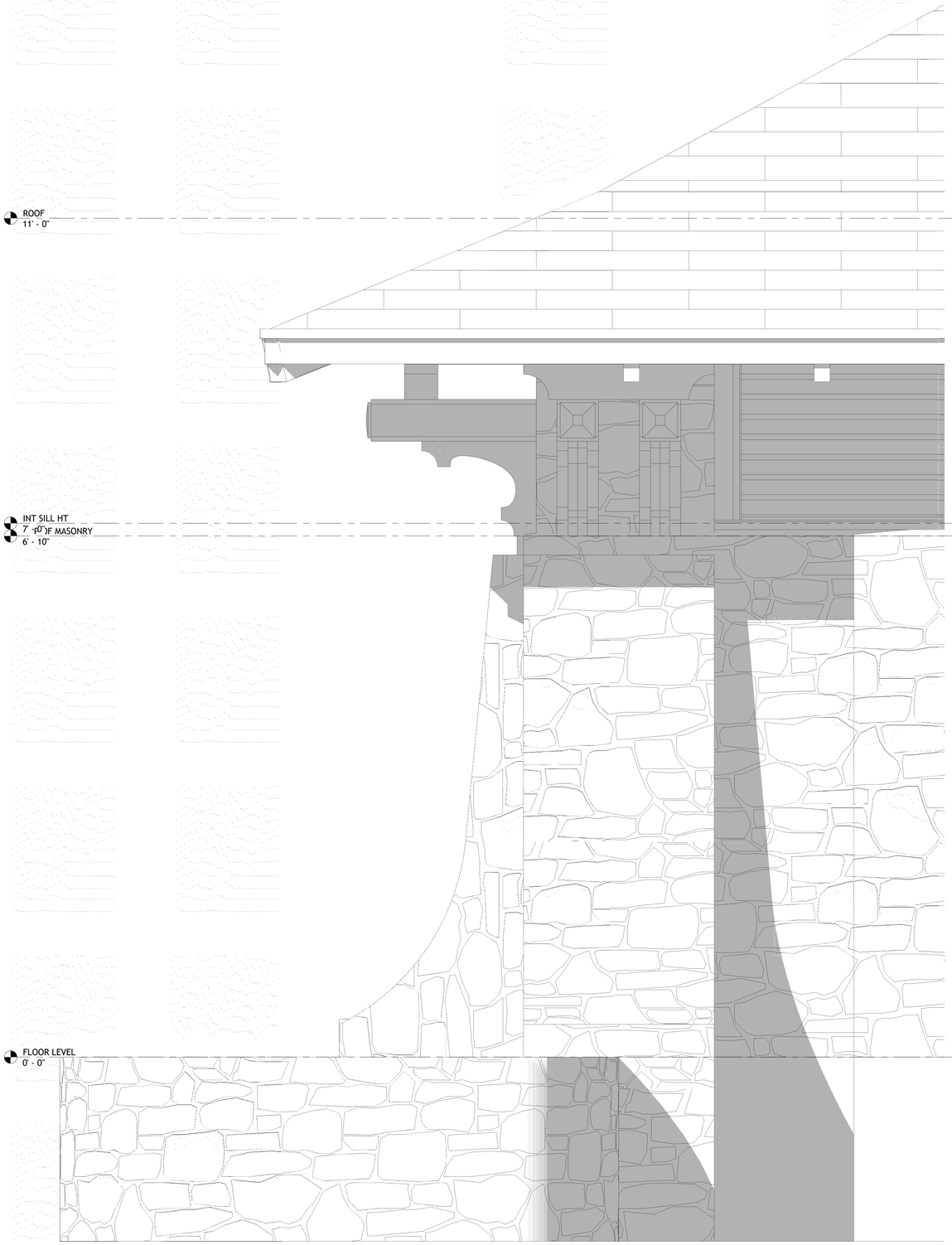
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REHABILITATION DETAILS

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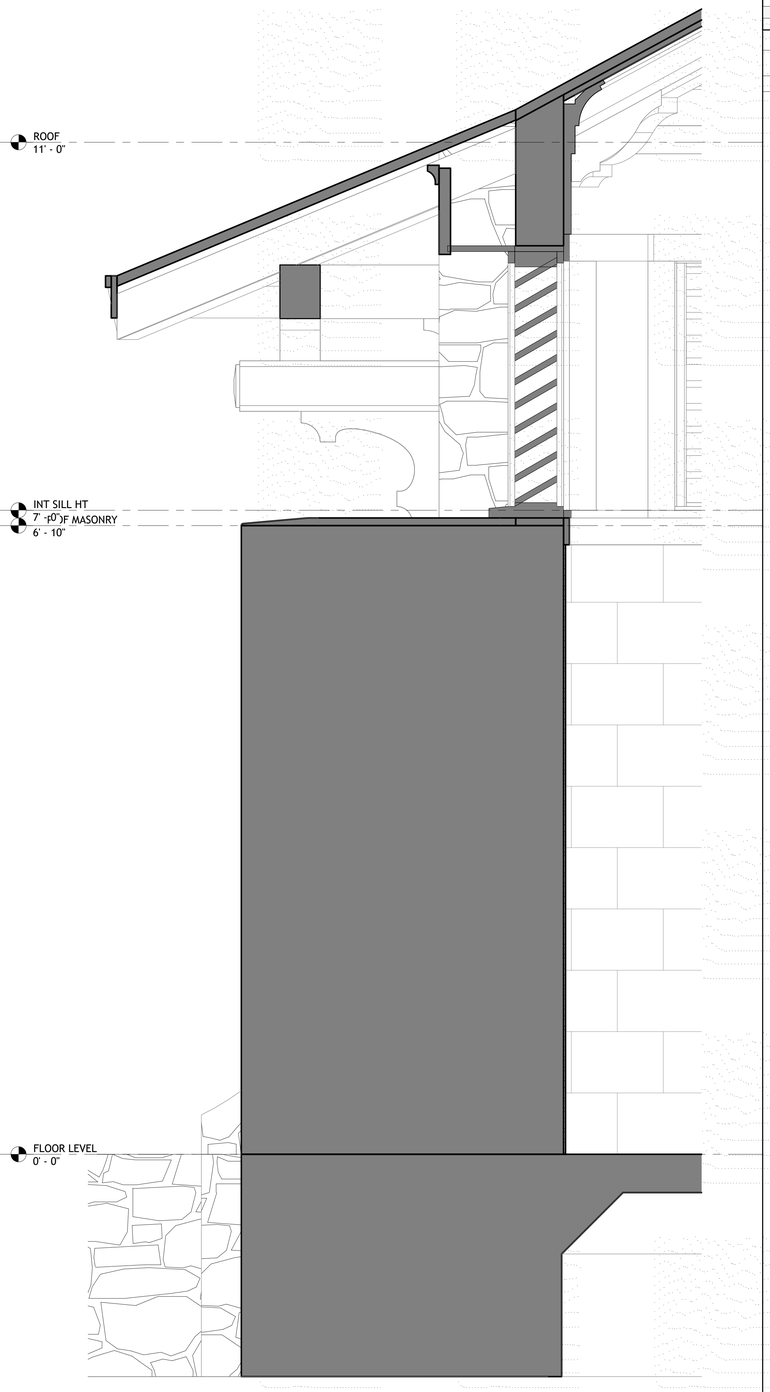
H401

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1 EXTERIOR ELEVATION DETAIL 2
1 1/2" = 1'-0"

0 4" 8" 1.3"
0 2"
1 1/2" = 1'-0"



2 EXTERIOR WALL SECTION 2
1 1/2" = 1'-0"

0 4" 8" 1.3"
0 2"
1 1/2" = 1'-0"

GENERAL NOTES - DETAILS

NUMBER	NOTE
1	
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12	

HISTORIC REHABILITATION KEYNOTES

KEYNOTE NUMBER	KEYNOTE

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REHABILITATION DETAILS

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INTERIOR GENERAL NOTES

NUMBER	NOTE
1	ADA REFERENCE SHEET NUMBER A002

INTERIOR FIXTURES

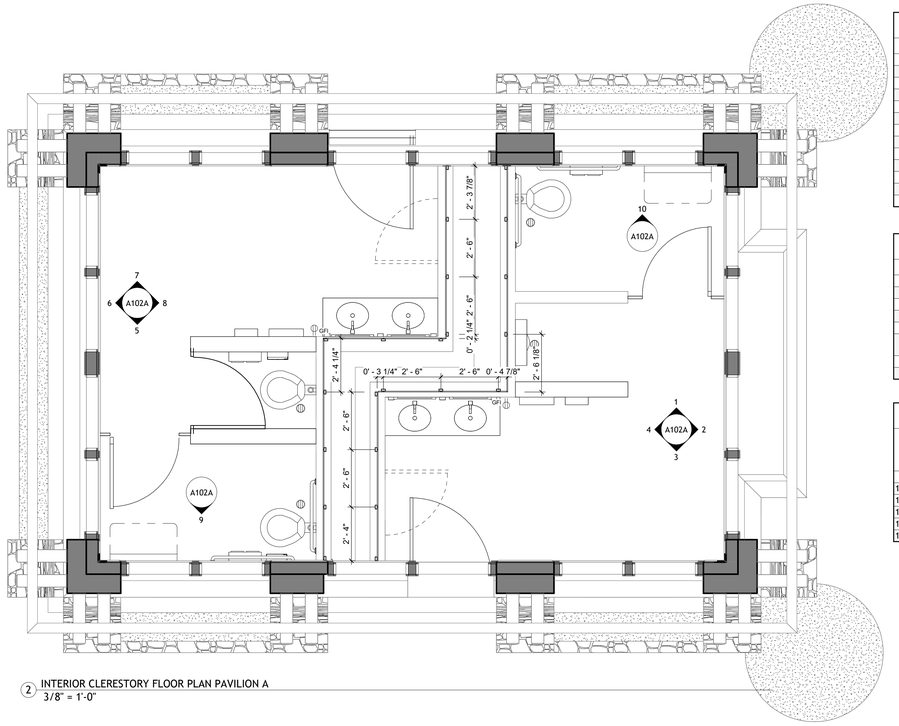
TAG	NOTE
T1	WASTE RECEPTACLE SEMI-RECESSED
T2	TOILET TISSUE DISPENSER SURFACE MOUNTED
T3	STAINLESS STEEL-FRAMED WINDOW, FRAME MOUNTED ON WALL
T4	SHELF SURFACE MOUNTED
T5	FEMININE NAPKIN DISPOSAL SURFACE MOUNTED
T6	GRAB BAR 36" SAFETY GRIP
T7	GRAB BAR 42" SAFETY GRIP
T8	BABY CHANGING STATION
T9	WALL-RECESSED HAND DRYER WITH STAINLESS STEEL-EDGED RECESS
WC1	TOILET
U1	URINAL
S1	CONCRETE SINK

INTERIOR FINISH AND PARTITION TYPES

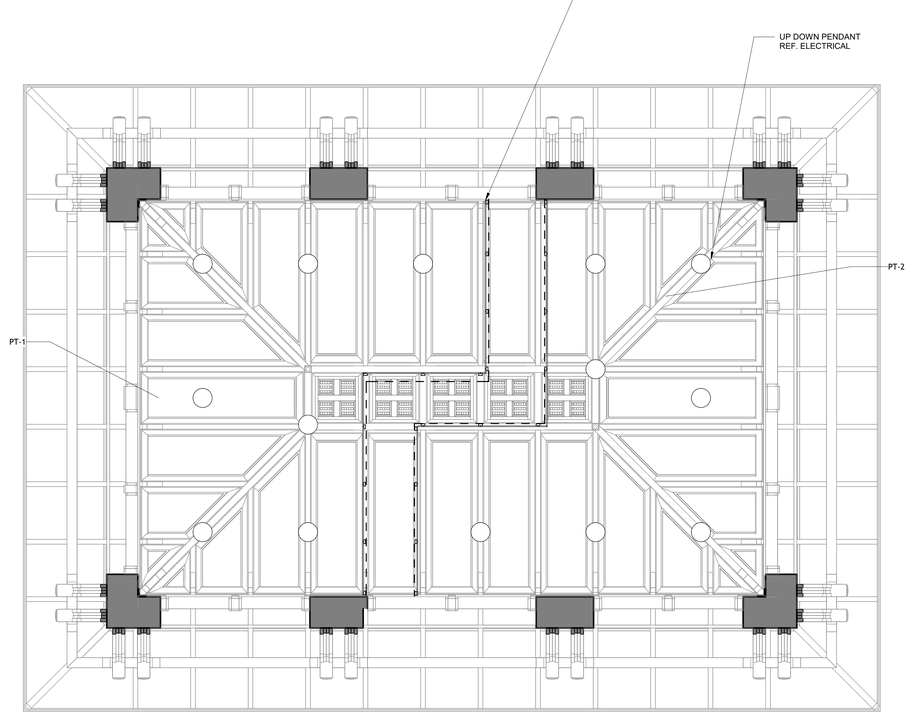
TAG	NOTE
MTL-1	STAINLESS STEEL
MTL-2	PERFORATED METAL PANEL
CONC-1	POLISHED FINISH CONCRETE FLOOR
PT-1	WALL AND CEILING PAINT
PT-2	PAINT FOR INTERIOR RAFTERS AND ALL INTERIOR ARCHITECTURAL WOOD ELEMENTS
TL-1	TERRACOTTA BLOCK OR TILE
TCB	8" TERRACOTTA BLOCK WALL

INTERIOR DOOR & ACCESS PANEL SCHEDULE

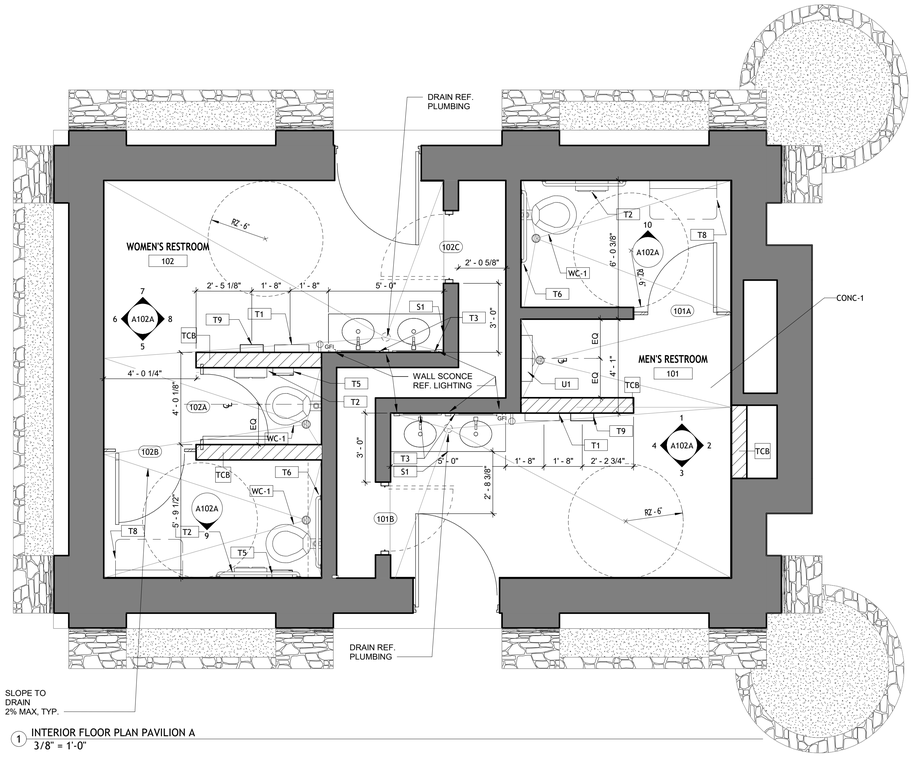
MARK	DOOR PANEL WIDTH	DOOR PANEL HEIGHT	PHASE	COMMENTS
102A	2' - 10"	6' - 7 1/2"	New Construction	STAINLESS STEEL STALL DOOR
102B	3' - 0"	6' - 7 1/2"	New Construction	STAINLESS STEEL STALL DOOR
101A	3' - 0"	6' - 7 1/2"	New Construction	STAINLESS STEEL STALL DOOR
101B	2' - 10"	6' - 0"	New Construction	CHASE ACCESS PANEL
102C	2' - 10"	6' - 0"	New Construction	CHASE ACCESS PANEL



2 INTERIOR CLERESTORY FLOOR PLAN PAVILION A
3/8" = 1'-0"



3 INTERIOR REFLECTED CEILING PLAN PAVILION A
3/8" = 1'-0"



1 INTERIOR FLOOR PLAN PAVILION A
3/8" = 1'-0"

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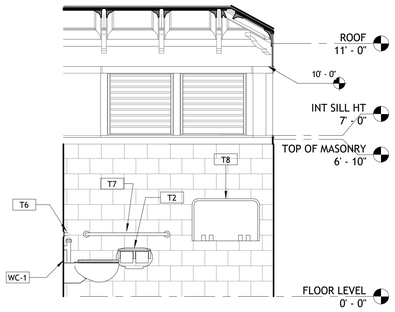
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ADD-ALTERNATE INTERIOR PLANS PAVILION A

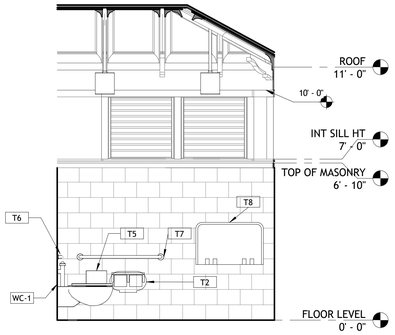
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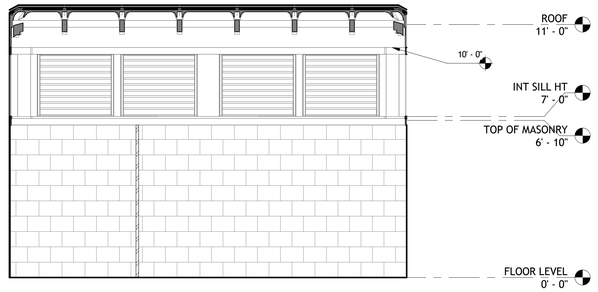
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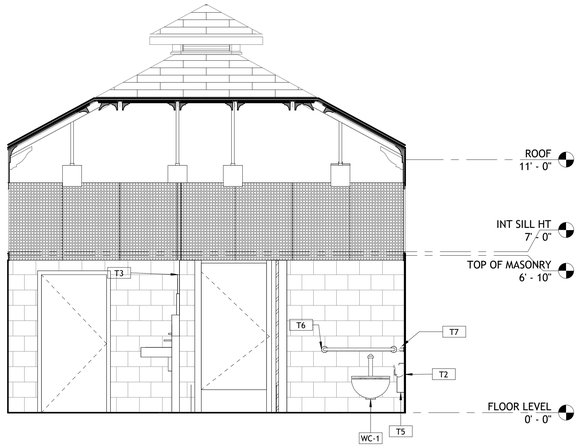
10 INTERIOR ELEVATION - MEN'S ADA RESTROOM
3/8" = 1'-0"



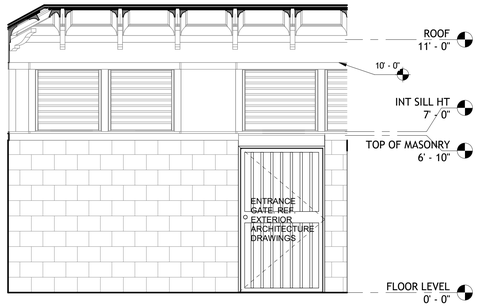
9 INTERIOR ELEVATION - WOMEN'S ADA RESTROOM
3/8" = 1'-0"



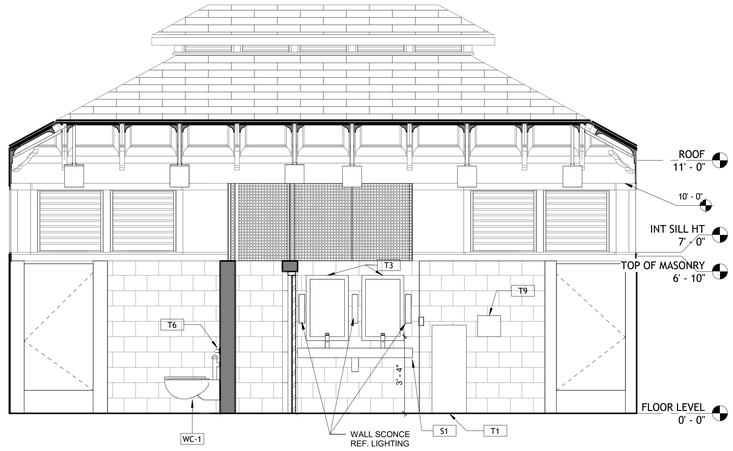
6 INTERIOR ELEVATION - WOMEN'S RESTROOM - WEST
3/8" = 1'-0"



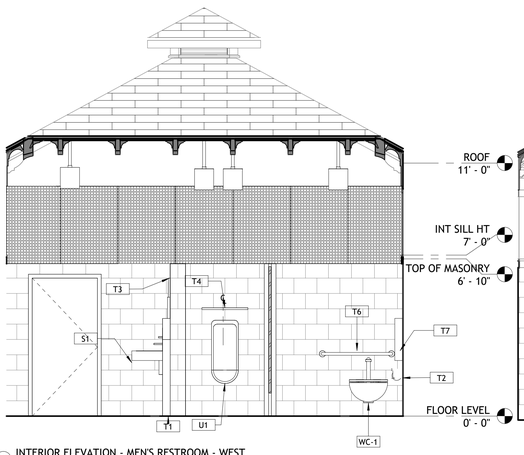
8 INTERIOR ELEVATION - WOMEN'S RESTROOM - EAST
3/8" = 1'-0"



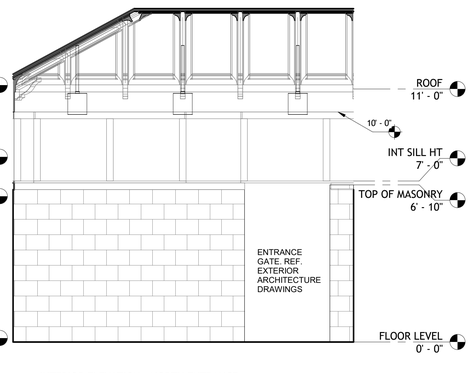
7 INTERIOR ELEVATION - SOUTH ENTRANCE
3/8" = 1'-0"



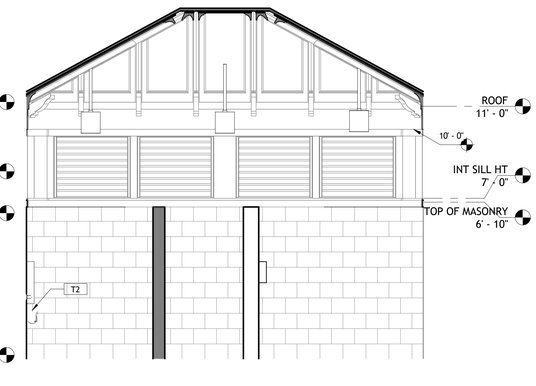
5 INTERIOR ELEVATION - OVERALL - SOUTH
3/8" = 1'-0"



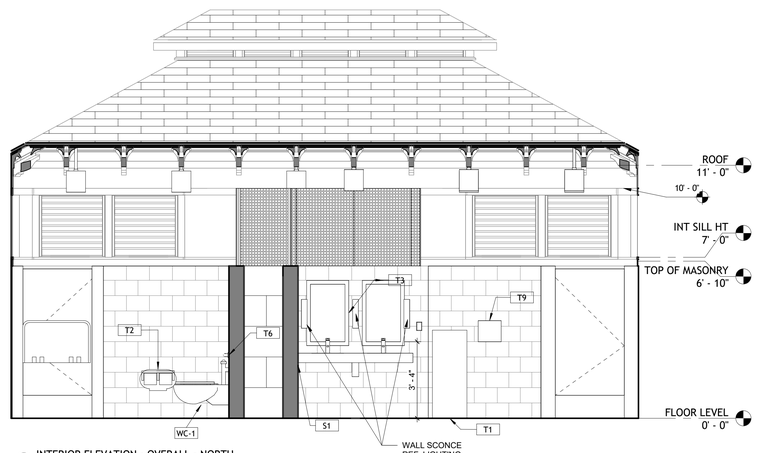
4 INTERIOR ELEVATION - MEN'S RESTROOM - WEST
3/8" = 1'-0"



3 INTERIOR ELEVATION - NORTH ENTRANCE
3/8" = 1'-0"



2 INTERIOR ELEVATION - MEN'S RESTROOM - EAST
3/8" = 1'-0"



1 INTERIOR ELEVATION - OVERALL - NORTH
3/8" = 1'-0"

INTERIOR GENERAL NOTES

NUMBER	NOTE
1	ADA REFERENCE SHEET NUMBER A002

INTERIOR FIXTURES

TAG	NOTE
T1	WASTE RECEPTACLE SEMI-RECESSED
T2	TOILET TISSUE DISPENSER SURFACE MOUNTED
T3	STAINLESS STEEL-FRAMED WINDOW, FRAME MOUNTED ON WALL
T4	SHELF SURFACE MOUNTED
T5	FEMININE NAPKIN DISPOSAL SURFACE MOUNTED
T6	GRAB BAR 36" SAFETY GRIP
T7	GRAB BAR 42" SAFETY GRIP
T8	BABY CHANGING STATION
T9	WALL-RECESSED HAND DRYER WITH STAINLESS STEEL-EDGED RECESS
WC1	TOILET
U1	URINAL
S1	CONCRETE SINK

INTERIOR FINISH AND PARTITION TYPES

TAG	NOTE
MTL-1	STAINLESS STEEL
MTL-2	PERFORATED METAL PANEL
CONC-1	POLISHED FINISH CONCRETE FLOOR
PT-1	WALL AND CEILING PAINT
PT-2	PAINT FOR INTERIOR RAFTERS AND ALL INTERIOR ARCHITECTURAL WOOD ELEMENTS
TL-1	TERRACOTTA BLOCK OR TILE
TCB	8" TERRACOTTA BLOCK WALL

LEGEND

TL-1
8 X 12 TERRACOTTA BLOCK OR TILE

MTL-2
PERFORATED METAL PANEL

MTL-1
STAINLESS STEEL

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SAN ANTONIO, TX

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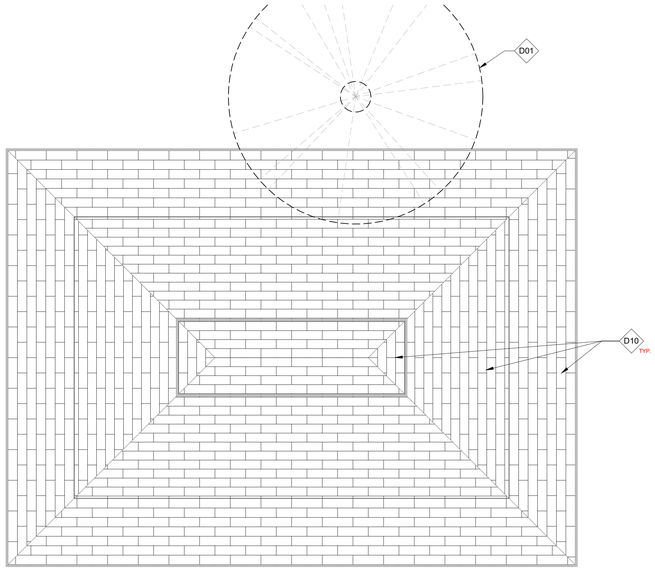
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ADD-ALTERNATE
INTERIOR ELEVATIONS
PAVILION A

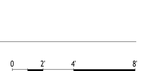
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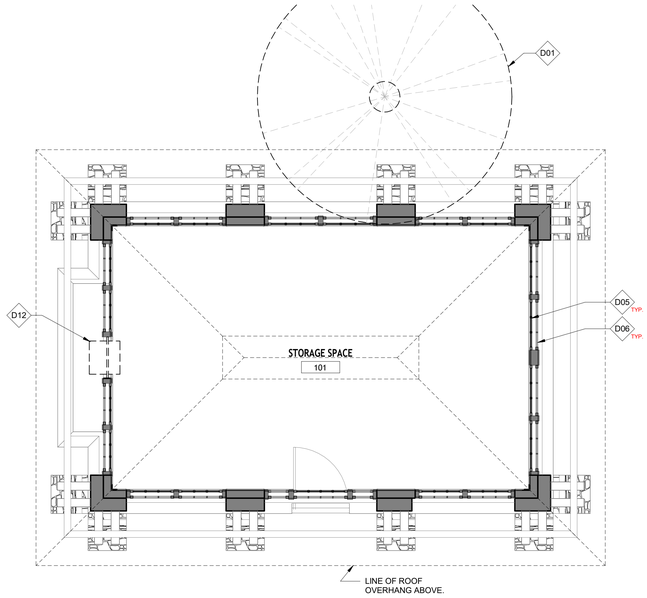
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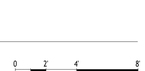
4 EXISTING ROOF PLAN
1/4" = 1'-0"



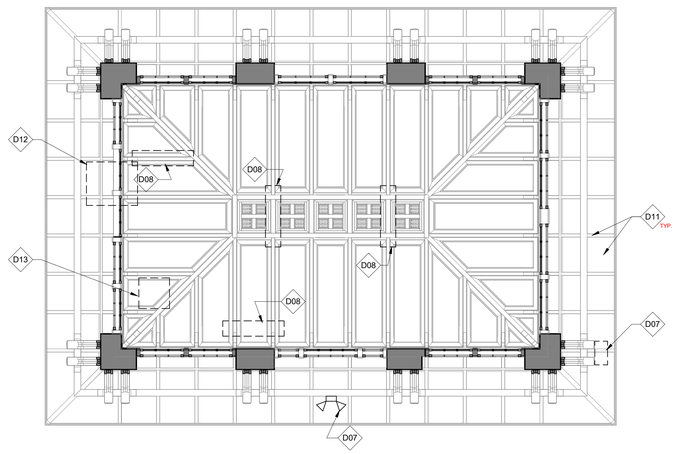




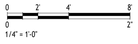
2 EXISTING CLERESTORY FLOOR PLAN
1/4" = 1'-0"



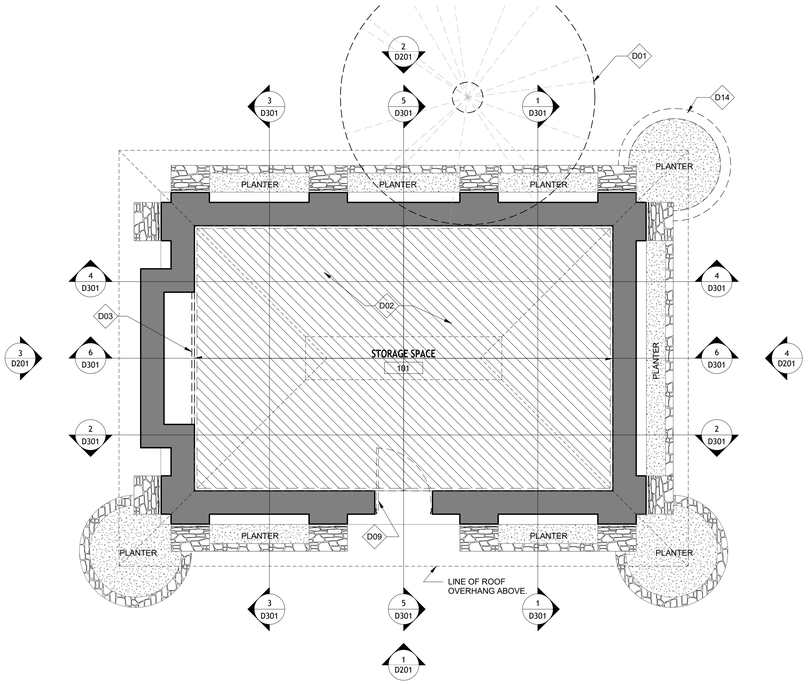




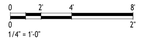
3 EXISTING REFLECTED CEILING PLAN
1/4" = 1'-0"







1 EXISTING FLOOR PLAN
1/4" = 1'-0"





HP GENERAL NOTES - DEMOLITION

NUMBER	NOTES
1	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
2	REFER TO SPECIFICATION SECTION 024296 FOR HISTORIC REMOVAL AND DISMANTLING REQUIREMENTS.
3	REFER TO CIVIL, LANDSCAPE ARCHITECT, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR SITE WORK.
4	REFER TO STRUCTURAL AND ARCHITECTURAL DEMOLITION DRAWINGS FOR INTERIOR SELECTIVE DEMOLITION WORK REQUIRED.
5	REFER TO ARCHITECTURAL AND HISTORIC PRESERVATION DRAWINGS AND SPECIFICATIONS FOR REPLACEMENT WORK.
6	REFER TO HAZARDOUS MATERIALS SURVEYS AND REPORTS PRIOR TO COMMENCING WORK.
7	NO SELECTIVE DEMOLITION OR REPAIRS WORK IS TO COMMENCE UNTIL ALL HAZARDOUS MATERIAL ABATEMENT WORK IS COMPLETED.
8	VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED OR CAPPED. REFER TO CIVIL AND MEP DRAWINGS AND SPECIFICATIONS.
9	THESE DRAWING SHEETS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR REMOVAL OF ASSEMBLY PROCEDURES. PROTECT ALL ELEMENTS IDENTIFIED TO REMAIN DURING ALL CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY WEATHER TIGHT ENCLOSURES TO SEAL OFF ANY ROOF OR WALL OPENINGS UPON REMOVAL OF EXISTING ROOFING, FLASHING, CAPS, ETC.
11	THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS DURING DEMOLITION SO AS TO NOT DAMAGE ADJACENT FINISHES, MATERIALS, AND FEATURES REQUIRED TO REMAIN IN SERVICE OR BE INCORPORATED INTO THE WORK.
12	THE CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE TO THE BUILDING STRUCTURE. NOTIFY THE STRUCTURAL ENGINEER IMMEDIATELY OF ANY STRUCTURAL CONCERNS.
13	THE CONTRACTOR SHALL REVIEW ALL TEMPORARY SHORING, BRACING, SCAFFOLDING, JOBSITE SAFETY DEVICES, AND CONSTRUCTION CENTERING THAT MAY IMPACT HISTORIC MATERIALS AND FEATURES OF THE BUILDING WITH ARCHITECT, HISTORIC ARCHITECT, AND STRUCTURAL ENGINEER.
14	BRACE ALL STRUCTURAL ELEMENTS OR STRUCTURES AS NECESSARY DURING DEMOLITION. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER
15	THE CONTRACTOR SHALL PROTECT AND PROPERLY STORE ALL BUILDING MATERIALS AND FEATURES IDENTIFIED FOR TEMPORARY REMOVAL, SALVAGE, AND RE-INSTALLATION INTO THE WORK.
16	DEMOLITION OPERATIONS MAY REVEAL PREVIOUSLY UNKNOWN ARCHITECTURAL, STRUCTURAL, OR SUBGRADE CONDITIONS. UNFORSEEN HISTORIC MATERIALS,DETAILS, OR FEATURES MAY SURFACE DURING DEMOLITION OR SELECTIVE REMOVAL PROCEDURES. PROTECT THE HISTORIC MATERIAL AND NOTIFIY HISTORIC ARCHITECT FOR FURTHER INSTRUCTIONS.
17	ANY DAMAGE DONE BY THE CONTRACTOR OR THEIR SUBCONTRACTORS TO HISTORIC MATERIALS OR FEATURES DESIGNATED AS EXISTING TO REMAIN OR SALVAGED FOR REUSE DURING A DEMOLITION OR SELCTIVE REMOVAL PROCEDURE SHALL BE REPAIRED OR RESTORED TO RETURN THE MATERIALS OR FEATURES TO THEIR CONDITION PRIOR TO COMMENCEMENT OF THE PROCEDURE. SUCH REPAIR OR RESTORATION WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
18	REMOVE AND DEMOLISH EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE AND TRUE TO DIMENSION REQUIRED. USE METHODS LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION OR CONSTRUCTION TO REMAIN.
19	RESTORE EXPOSED FINISHED OR PATCHED AREAS AND EXTEND RESTORED FINISH AREA INTO ADJOINING CONSTRUCTION TO REMAIN IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING, REPAIRING AND REFINISHING.
20	PATCH AND REPAIR FLOOR, WALL, AND CEILING SURFACES WHERE DEMOLITION OCCURS. PROVIDE FLUSH AND EVEN SURFACES OF UNIFORM COLOR, TEXTURE, AND APPEARANCE. CLOSELY MATCH TEXTURE AND FINISH OF EXISTING ADJACENT SURFACES.
21	ALL SALVAGED SOUND MATERIALS, ORNAMENTAL WOODWORK, MASONRY MATERIALS, AND OTHER CHARACTER-DEFINING FEATURES REMAIN THE PROPERTY OF THE OWNER.
22	LABEL, SORT, STORE, AND PROTECT ALL SALVAGED SOUND MATERIALS, DECORATIVE WOOD COLUMNS, ORNAMENTAL WOODWORK, AND OTHER CHARACTER-DEFINING FEATURES FOR REHABILITATION AND REINSTALLATION, OR USE IN REPLICATING NEW REPLACEMENT FEATURES.
23	COORDINATE WITH THE CITY OF SAN ANTONIO'S OFFICE OF HISTORIC PRESERVATION'S HISTORIC MATERIALS SALVAGE PROGRAM FOR DONATION AND DELIVERY OF UNUSED SALAVAGE MATERIAL AT THE CONCLUSION OF THE PROJECT.
24	REMOVE ALL EXISTING LIGHT FIXTURES, CONDUITS, WIRES, METER BOXES, CIRCUIT PANELS, ELECTRICAL UTILITY DROPS, WEATHERHEADS, GAS METERS, AND ABANDONED ELEMENTS NOT OTEHRWISE INDICATED TO BE INCORPORATED IN NEW WORK.
25	REMOVE ALL STRUCTURAL AND ARCHITECTURAL WOOD ELEMENTS DETERIORATED BEYOND REASONABLE REHABILITATION TREATMENT METHODS FOR REPLACEMENT WITH IN-KIND MATERIALS TO MATCH SIZES AND PROFILES. NOTIFY HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN CONDITIONS REVEALED THROUGH THE SELECTIVE DISASSEMBLY PROCESS REQUIRING CONDITION ASSESSMENT AND DETERMINATION OF APPROPRIATE TREATMENT METHODS.

DEMOLITION KEYNOTES

KEYNOTE VALUE	KEYNOTE TEXT
D01	REMOVE TREE IN CLOSE PROXIMITY TO HISTORIC STRUCTURE'S FOUNDATION. TAKE PROPER PRECAUTIONS WHEN EXCAVATING AND EXTRACTING ROOT STRUCTURES TO AVOID DAMAGING OR UNDERMINING FOUNDATION. REFER TO STRUCTURAL AND LANDSCAPE ARCHITECT DEMOLITION DRAWINGS AND SPECIFICATIONS.
D02	DEMOLISH CRACKED AND DETERIORATED CONCRETE SLAB, RETAINING CONCRETE PERIMETER BEAM FOR REUSE IN NEW CONCRETE FOUNDATION SYSTEM. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS.
D03	DEMOLISH DETERIORATED WOOD VENEER CABINET DOORS, FRAME, AND TRIM AT ALCOVE AND PREPARE FOR NEW INFILL WALL FRAMING.
D05	SALVAGE ALL HISTORIC WOOD HOPPER WINDOW SASHES FOR REHABILITATION. PRIOR TO WINDOW SASH REMOVAL, REFER TO SPECIFICATION SECTION 08 03 52 - HISTORIC TREATMENT OF WOOD WINDOWS FOR IDENTIFICATION AND STORAGE REQUIREMENTS.
D06	SALVAGE ALL HISTORIC EXTERIOR WOOD WINDOW SCREENS FOR REHABILITATION. PRIOR TO SCREEN REMOVAL, REFER TO SPECIFICATION SECTION 08 03 52 - HISTORIC TREATMENT OF WOOD WINDOWS FOR IDENTIFICATION AND STORAGE REQUIREMENTS.
D07	DEMOLISH ALL NON-HISTORIC EXTERIOR LIGHT FIXTURES, MOUNTING BRACKETS, CONDUITS, WIRING, SWITCHES AND PANELS COMPLETE, TYPICAL. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D08	DEMOLISH ALL NON-HISTORIC INTERIOR ELECTRICAL LIGHT FIXTURES, CONDUITS, WIRING, SWITCHES AND PANELS COMPLETE, TYPICAL. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D09	DEMOLISH NON-HISTORIC METAL SECURITY GATE AND FRAME.
D10	REMOVE NON-HISTORIC ASPHALT COMPOSITION SHINGLE ROOFING, INCLUDING ALL PENETRATING PLUMBING STACK VENTS. SELECTIVELY DEMOLISH ALL DETERIORATED WOOD SHEATHING, SOFFIT DECKING, AND FASCIA TRIM. RETAIN ALL SOUND WOOD SHEATHING, SOFFIT DECKING, AND FASCIA TRIM FOR REHABILITATION. REFER TO SPECIFICATION SECTIONS 02 42 96 AND 06 03 12.
D11	SELECTIVELY DEMOLISH DETERIORATED, WOOD, ROOF FRAMING AND ROOF DECKING AT EAVES AND OVERHANGS. RETAIN SOUND MATERIAL FOR REHABILITATION. REFER TO SPECIFICATION SECTIONS 02 42 96 AND 06 03 12.
D12	DEMOLISH DIRECT-EXPANSION AIR CONDITIONING UNIT COMPLETE. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D13	DEMOLISH GAS-FIRED SPACE HEATER, CEILING MOUNTING BRACKETS, AND ALL ASSOCIATED PIPING AND CONDUITS COMPLETE. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D14	DEMOLISH DAMAGED STONE PLANTER RING THAT WAS PREVIOUSLY INAPPROPRIATELY REPAIRED WITH PORTLAND CEMENT CONCRETE. SALVAGE HISTORIC STONE MATERIAL FOR REUSE IN PLANTER REHABILITATION.

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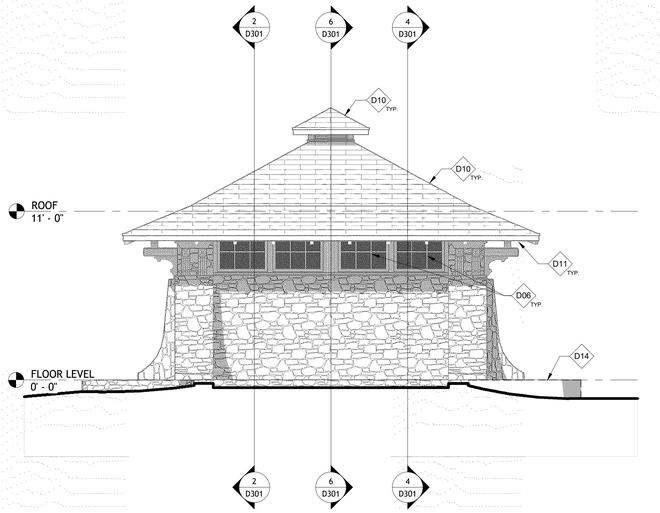
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DEMOLITION FLOOR PLANS

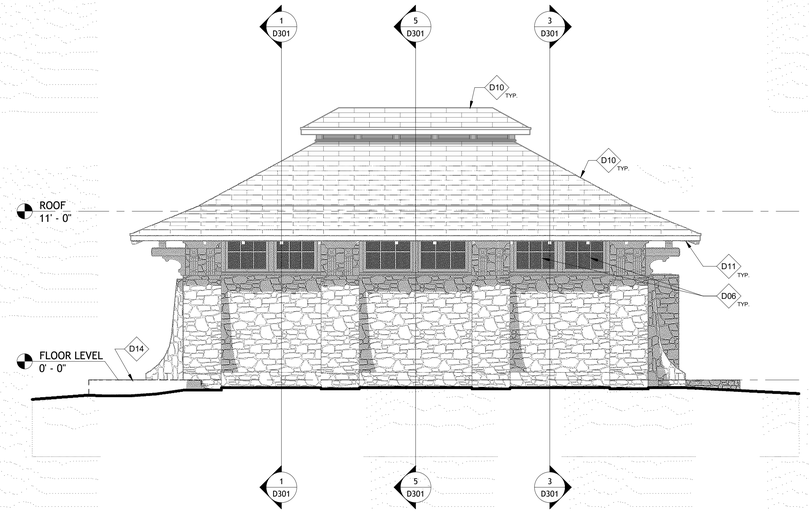
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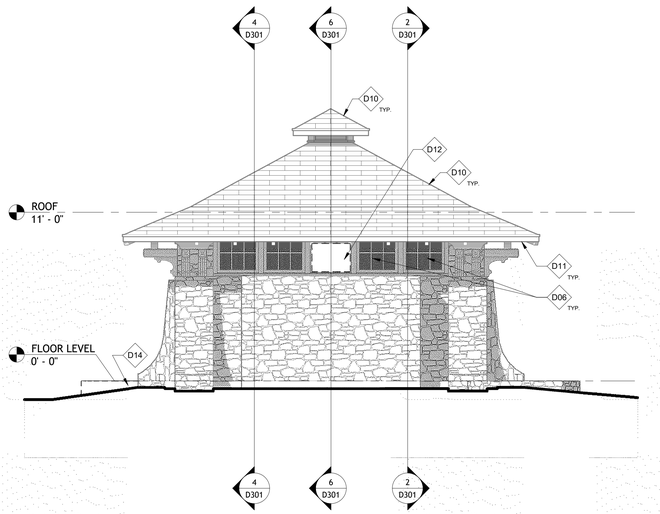
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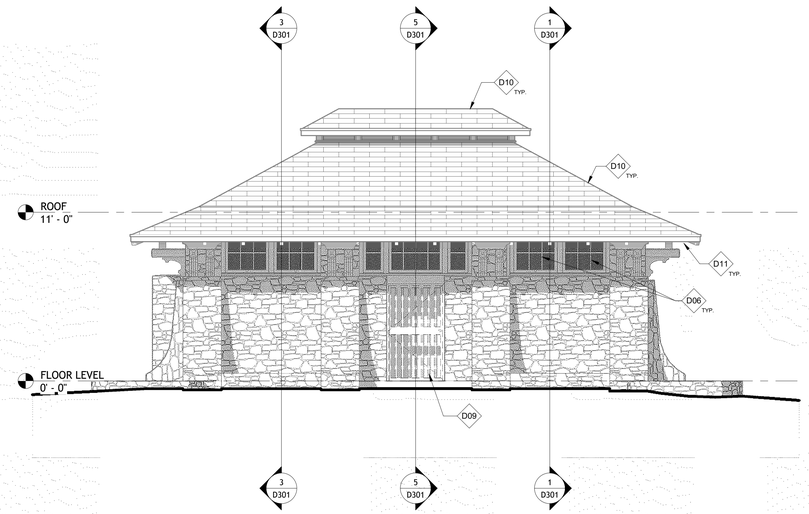
4 DEMOLITION EAST BUILDING ELEVATION
1/4" = 1'-0"



2 DEMOLITION NORTH BUILDING ELEVATION
1/4" = 1'-0"



3 DEMOLITION WEST BUILDING ELEVATION
1/4" = 1'-0"



1 DEMOLITION SOUTH BUILDING ELEVATION
1/4" = 1'-0"

HP GENERAL NOTES - DEMOLITION

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9	THESE DRAWING SHEETS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR REMOVAL OF ASSEMBLY PROCEDURES. PROTECT ALL ELEMENTS IDENTIFIED TO REMAIN DURING ALL CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY WEATHER TIGHT ENCLOSURES TO SEAL OFF ANY ROOF OR WALL OPENINGS UPON REMOVAL OF EXISTING ROOFING, FLASHING, CAPS, ETC.
11	THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS DURING DEMOLITION SO AS TO NOT DAMAGE ADJACENT FINISHES, MATERIALS, AND FEATURES REQUIRED TO REMAIN IN SERVICE OR BE INCORPORATED INTO THE WORK.
12	THE CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE TO THE BUILDING STRUCTURE. NOTIFY THE STRUCTURAL ENGINEER IMMEDIATELY OF ANY STRUCTURAL CONCERNS.
13	THE CONTRACTOR SHALL REVIEW ALL TEMPORARY SHORING, BRACING, SCAFFOLDING, JOBSITE SAFETY DEVICES, AND CONSTRUCTION CENTERING THAT MAY IMPACT HISTORIC MATERIALS AND FEATURES OF THE BUILDING WITH ARCHITECT, HISTORIC ARCHITECT, AND STRUCTURAL ENGINEER.
14	BRACE ALL STRUCTURAL ELEMENTS OR STRUCTURES AS NECESSARY DURING DEMOLITION. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER
15	THE CONTRACTOR SHALL PROTECT AND PROPERLY STORE ALL BUILDING MATERIALS AND FEATURES IDENTIFIED FOR TEMPORARY REMOVAL, SALVAGE, AND RE-INSTALLATION INTO THE WORK.
16	DEMOLITION OPERATIONS MAY REVEAL PREVIOUSLY UNKNOWN ARCHITECTURAL, STRUCTURAL, OR SUBGRADE CONDITIONS. UNFORSEEN HISTORIC MATERIALS,DETAILS, OR FEATURES MAY SURFACE DURING DEMOLITION OR SELECTIVE REMOVAL PROCEDURES. PROTECT THE HISTORIC MATERIAL AND NOTIFIY HISTORIC ARCHITECT FOR FURTHER INSTRUCTIONS.
17	ANY DAMAGE DONE BY THE CONTRACTOR OR THEIR SUBCONTRACTORS TO HISTORIC MATERIALS OR FEATURES DESIGNATED AS EXISTING TO REMAIN OR SALVAGED FOR REUSE DURING A DEMOLITION OR SELCTIVE REMOVAL PROCEDURE SHALL BE REPAIRED OR RESTORED TO RETURN THE MATERIALS OR FEATURES TO THEIR CONDITION PRIOR TO COMMENCEMENT OF THE PROCEDURE. SUCH REPAIR OR RESTORATION WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
18	REMOVE AND DEMOLISH EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE AND TRUE TO DIMENSION REQUIRED. USE METHODS LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION OR CONSTRUCTION TO REMAIN.
19	RESTORE EXPOSED FINISHED OR PATCHED AREAS AND EXTEND RESTORED FINISH AREA INTO ADJOINING CONSTRUCTION TO REMAIN IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING, REPAIRING AND REFINISHING.
20	PATCH AND REPAIR FLOOR, WALL, AND CEILING SURFACES WHERE DEMOLITION OCCURS. PROVIDE FLUSH AND EVEN SURFACES OF UNIFORM COLOR, TEXTURE, AND APPEARANCE. CLOSELY MATCH TEXTURE AND FINISH OF EXISTING ADJACENT SURFACES.
21	ALL SALVAGED SOUND MATERIALS, ORNAMENTAL WOODWORK, MASONRY MATERIALS, AND OTHER CHARACTER-DEFINING FEATURES REMAIN THE PROPERTY OF THE OWNER.
22	LABEL, SORT, STORE, AND PROTECT ALL SALVAGED SOUND MATERIALS, DECORATIVE WOOD COLUMNS, ORNAMENTAL WOODWORK, AND OTHER CHARACTER-DEFINING FEATURES FOR REHABILITATION AND REINSTALLATION, OR USE IN REPLICATING NEW REPLACEMENT FEATURES.
23	COORDINATE WITH THE CITY OF SAN ANTONIO'S OFFICE OF HISTORIC PRESERVATION'S HISTORIC MATERIALS SALVAGE PROGRAM FOR DONATION AND DELIVERY OF UNUSED SALAVAGE MATERIAL AT THE CONCLUSION OF THE PROJECT.
24	REMOVE ALL EXISTING LIGHT FIXTURES, CONDUITS, WIRES, METER BOXES, CIRCUIT PANELS, ELECTRICAL UTILITY DROPS, WEATHERHEADS, GAS METERS, AND ABANDONED ELEMENTS NOT OTHERWISE INDICATED TO BE INCORPORATED IN NEW WORK.
25	REMOVE ALL STRUCTURAL AND ARCHITECTURAL WOOD ELEMENTS DETERIORATED BEYOND REASONABLE REHABILITATION TREATMENT METHODS FOR REPLACEMENT WITH IN-KIND MATERIALS TO MATCH SIZES AND PROFILES. NOTIFY HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN CONDITIONS REVEALED THROUGH THE SELECTIVE DISASSEMBLY PROCESS REQUIRING CONDITION ASSESSMENT AND DETERMINATION OF APPROPRIATE TREATMENT METHODS.

DEMOLITION KEYNOTES

KEYNOTE VALUE	KEYNOTE TEXT
D06	SALVAGE ALL HISTORIC EXTERIOR WOOD WINDOW SCREENS FOR REHABILITATION. PRIOR TO SCREEN REMOVAL, REFER TO SPECIFICATION SECTION 08 03 52 - HISTORIC TREATMENT OF WOOD WINDOWS FOR IDENTIFICATION AND STORAGE REQUIREMENTS.
D09	DEMOLISH NON-HISTORIC METAL SECURITY GATE AND FRAME.
D10	REMOVE NON-HISTORIC ASPHALT COMPOSITION SHINGLE ROOFING, INCLUDING ALL PENETRATING PLUMBING STACK VENTS. SELECTIVELY DEMOLISH ALL DETERIORATED WOOD SHEATHING, SOFFIT DECKING, AND FASCIA TRIM. RETAIN ALL SOUND WOOD SHEATHING, SOFFIT DECKING, AND FASCIA TRIM FOR REHABILITATION. REFER TO SPECIFICATION SECTIONS 02 42 96 AND 06 03 12.
D11	SELECTIVELY DEMOLISH DETERIORATED, WOOD, ROOF FRAMING AND ROOF DECKING AT EAVES AND OVERHANGS. RETAIN SOUND MATERIAL FOR REHABILITATION. REFER TO SPECIFICATION SECTIONS 02 42 96 AND 06 03 12.
D12	DEMOLISH DIRECT-EXPANSION AIR CONDITIONING UNIT COMPLETE. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D14	DEMOLISH DAMAGED STONE PLANTER RING THAT WAS PREVIOUSLY INAPPROPRIATELY REPAIRED WITH PORTLAND CEMENT CONCRETE. SALVAGE HISTORIC STONE MATERIAL FOR REUSE IN PLANTER REHABILITATION.

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Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale

North

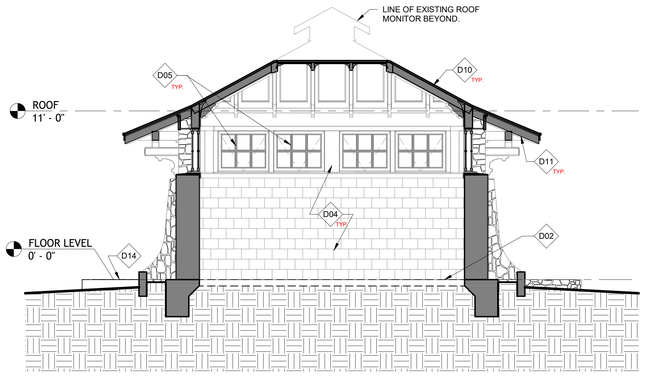
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DEMOLITION BUILDING ELEVATIONS

Drawing Number

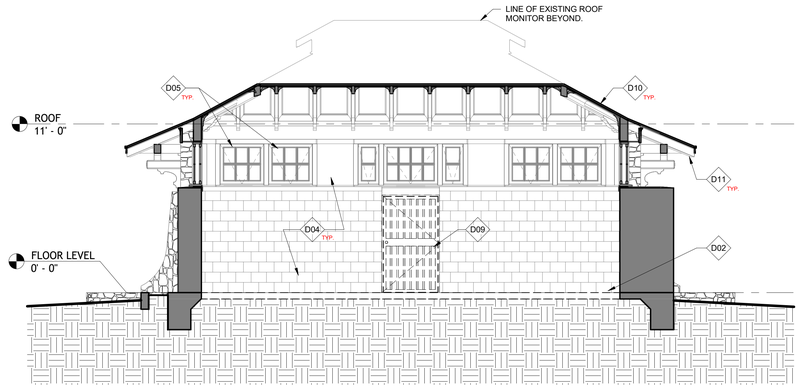
D201

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1 DEMOLITION TRANSVERSE BUILDING SECTION LOOKING EAST
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"



2 DEMOLITION LONGITUDINAL BUILDING SECTION LOOKING SOUTH
1/4" = 1'-0"

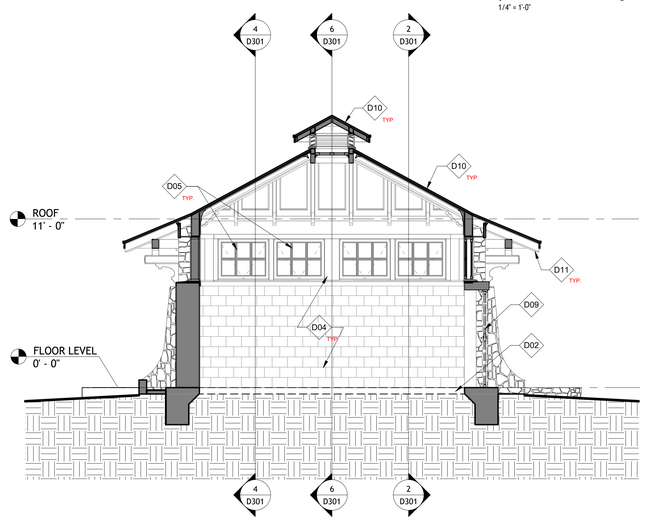
0 2' 4' 8'
0 2"
1/4" = 1'-0"

3 DEMOLITION TRANSVERSE BUILDING SECTION LOOKING WEST
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"

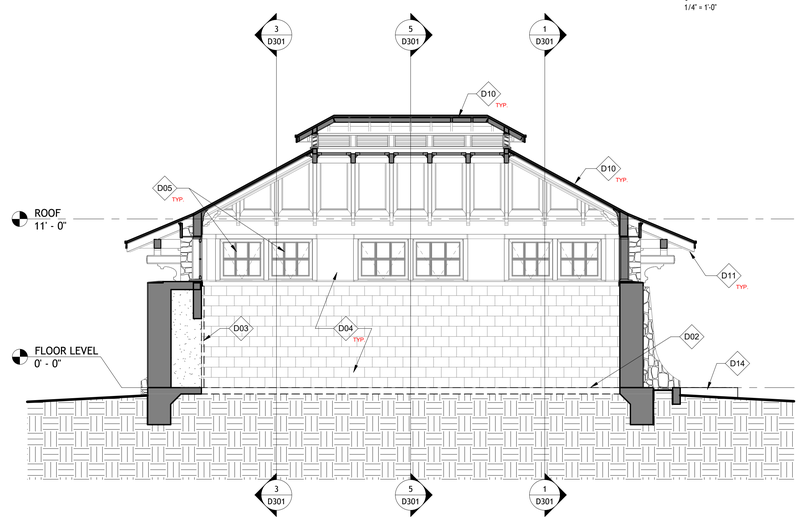
4 DEMOLITION LONGITUDINAL BUILDING SECTION LOOKING NORTH
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"



5 DEMOLITION TRANSVERSE BUILDING SECTION
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"



6 DEMOLITION LONGITUDINAL BUILDING SECTION
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"

HP GENERAL NOTES - DEMOLITION

NUMBER	NOTES
1	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
2	REFER TO SPECIFICATION SECTION 024296 FOR HISTORIC REMOVAL AND DISMANTLING REQUIREMENTS.
3	REFER TO CIVIL, LANDSCAPE ARCHITECT, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR SITE WORK.
4	REFER TO STRUCTURAL AND ARCHITECTURAL DEMOLITION DRAWINGS FOR INTERIOR SELECTIVE DEMOLITION WORK REQUIRED.
5	REFER TO ARCHITECTURAL AND HISTORIC PRESERVATION DRAWINGS AND SPECIFICATIONS FOR REPLACEMENT WORK.
6	REFER TO HAZARDOUS MATERIALS SURVEYS AND REPORTS PRIOR TO COMMENCING WORK.
7	NO SELECTIVE DEMOLITION OR REPAIRS WORK IS TO COMMENCE UNTIL ALL HAZARDOUS MATERIAL ABATEMENT WORK IS COMPLETED.
8	VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED OR CAPPED. REFER TO CIVIL AND MEP DRAWINGS AND SPECIFICATIONS.
9	THESE DRAWING SHEETS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK.
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18	REMOVE AND DEMOLISH EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE AND TRUE TO DIMENSION REQUIRED. USE METHODS LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION OR CONSTRUCTION TO REMAIN.
19	RESTORE EXPOSED FINISHED OR PATCHED AREAS AND EXTEND RESTORED FINISH AREA INTO ADJOINING CONSTRUCTION TO REMAIN IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING, REPAIRING AND REFINISHING.
20	PATCH AND REPAIR FLOOR, WALL, AND CEILING SURFACES WHERE DEMOLITION OCCURS. PROVIDE FLUSH AND EVEN SURFACES OF UNIFORM COLOR, TEXTURE, AND APPEARANCE. CLOSELY MATCH TEXTURE AND FINISH OF EXISTING ADJACENT SURFACES.
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DEMOLITION KEYNOTES

KEYNOTE VALUE	KEYNOTE TEXT
D02	DEMOLISH CRACKED AND DETERIORATED CONCRETE SLAB, RETAINING CONCRETE PERIMETER BEAM FOR REUSE IN NEW CONCRETE FOUNDATION SYSTEM. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS.
D03	DEMOLISH DETERIORATED WOOD VENEER CABINET DOORS, FRAME, AND TRIM AT ALCOVE AND PREPARE FOR NEW INFILL WALL FRAMING.
D04	SELECTIVELY REMOVE DETERIORATED INTERIOR WOOD TRIM AND VENEER WALL PANELS AND PREPARE WALL FRAMING TO RECEIVE NEW, IN-KIND, REPLACEMENT WOOD TRIM AND VENEER WALL PANELS.
D05	SALVAGE ALL HISTORIC WOOD HOPPER WINDOW SASHES FOR REHABILITATION. PRIOR TO WINDOW SASH REMOVAL, REFER TO SPECIFICATION SECTION 08 03 52 - HISTORIC TREATMENT OF WOOD WINDOWS FOR IDENTIFICATION AND STORAGE REQUIREMENTS.
D09	DEMOLISH NON-HISTORIC METAL SECURITY GATE AND FRAME.
D10	REMOVE NON-HISTORIC ASPHALT COMPOSITION SHINGLE ROOFING, INCLUDING ALL PENETRATING PLUMBING STACK VENTS. SELECTIVELY DEMOLISH ALL DETERIORATED WOOD SHEATHING, SOFFIT DECKING, AND FASCIA TRIM. RETAIN ALL SOUND WOOD SHEATHING, SOFFIT DECKING, AND FASCIA TRIM FOR REHABILITATION. REFER TO SPECIFICATION SECTIONS 02 42 96 AND 06 03 12.
D11	SELECTIVELY DEMOLISH DETERIORATED, WOOD, ROOF FRAMING AND ROOF DECKING AT EAVES AND OVERHANGS. RETAIN SOUND MATERIAL FOR REHABILITATION. REFER TO SPECIFICATION SECTIONS 02 42 96 AND 06 03 12.
D12	DEMOLISH DIRECT-EXPANSION AIR CONDITIONING UNIT COMPLETE. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D14	DEMOLISH DAMAGED STONE PLANTER RING THAT WAS PREVIOUSLY INAPPROPRIATELY REPAIRED WITH PORTLAND CEMENT CONCRETE. SALVAGE HISTORIC STONE MATERIAL FOR REUSE IN PLANTER REHABILITATION.

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Revisions

Date
30 May 2025

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Job Number
CNOS701

Scale North

Drawing Title

DEMOLITION BUILDING SECTIONS

Drawing Number

D301

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ABBREVIATIONS

ABV.	ABOVE
A.F.F.	ABOVE FINISHED FLOOR
ACOUS.	ACOUSTIC
ADD.	ADDITION
ADH.	ADHESIVE
ADJ.	ADJACENT
ADJT.	ADJUSTABLE
AGG.	AGGREGATE
ALT.	ALTERNATE
ALUM.	ALUMINUM
APPD.	APPROVED
APPROX.	APPROXIMATE
ARCH.	ARCHITECT(URAL)
AVG.	AVERAGE
B.S.	BOTH SIDES
B.U.R.	BUILT-UP ROOF
BD.	BOARD
BEL.	BELOW
BET.	BETWEEN
BLKG.	BLOCKING
BM.	BEAM
BOT.	BOTTOM
BRZ.	BRONZE
BSMT.	BASEMENT
C.I.P.C.	CAST-IN-PLACE CONCRETE
C.M.U.	CONCRETE MASONRY UNIT
C.O.	CLEAN OUT
C.T.	CERAMIC TILE
C.W.	COLD WATER
CTL.	JT. CONTROL JOINT
CAB.	CABINET
CEM.	CEMENT
CER.	CERAMIC
CHAM.	CHAMFER
CIR.	CIRCLE
CK.	CAULK(ING)
CLG.	CEILING
CLO.	CLOSET
CLR.	CLEAR(ANCE)
CNTR.	COUNTER
COL.	COLUMN
COMB.	COMBINATION
COMP.	COMPRESS(ED), (ION), (IBLE)
COMPO.	COMPOSITION (COMPOSITE)
CONC.	CONCRETE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CORR.	CORRUGATED
CPT.	CARPET (ED)
CSMT.	CASEMENT
CTR.	CENTER
D.	DRAIN
D.F.	DRINKING FOUNTAIN
D.H.	DOUBLE HUNG
DBL.	DOUBLE
DEM.	DEMOLISH, DEMOLITION
DIAG.	DIAGONAL
DIA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DIV.	DIVISION
DN.	DOWN
DR.	DOOR
DS.	DOWNSPOUT
DTL.	DETAIL
DW.	DISHWASHER
DWG.	DRAWING
DWR.	DRAWER

E.D.F.	ELECTRIC DRINKING FOUNTAIN
E.P.	ELECTRICAL PANELBOARD
EA.	EACH ELEC. ELECTRIC(AL)
ELEV.	ELEVATION
EQ.	EQUIVALENT
EQUIP.	EQUIPMENT
F.A.	FIRE ALARM
F.B.O.	FURNISHED BY OTHERS
F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISHER
F.F.E.	FINISH FLOOR ELEVATION
F.O.F.	FACE OF FINISH
F.O.S.	FACE OF STUD
F.R.	FIRE RATED
F.S.	FULL SIZE
FAS.	FASTEN(ER)
FGL.	FIBERGLASS
FIG.	FIGURE
FIN.	FINISH(ED)
FIXT.	FIXTURE
FLG.	FLASHING
FLUOR.	FLUORESCENT
FLR.	FLOOR(ING)
FND.	FOUNDATION
FP.	FIREPROOF
FR.	FRAME(D), (ING)
G.B.	GRAB BAR
G.C.	GENERAL CONTRACTOR
G.I.	GALVANIZED IRON
GA.	GAUGE
GALV.	GALVANIZED
GD.	GRADE, GRADING
GL.	GLASS, GLAZING
GWB.	GYPSUM WALLBOARD
GYP.	GYPSUM
GYP.D.W.	GYPSUM DRYWALL
GYP.BD.	GYPSUM BOARD
GYP.PL.	GYPSUM PLASTER
H.B.	HOSE BIB
H.C.	HOLLOW CORE
H.M.	HOLLOW METAL
H.V.A.C.	HEAT/VENT/AIR CONDITIONING
H.W.	HOT WATER
HDR.	HEADER
HDW.	HARDWARE
HK.	HOOK(S)
HORIZ.	HORIZONTAL
HR.	HOUR
HT.	HEIGHT
HTG.	HEATING
HWD.	HARDWOOD
H.W.H.	HOT WATER HEATER
I.D.	INSIDE DIAMETER
ILLUS.	ILLUSTRATE(ION)
IN.	INCH
INCL.	INCLUDE(D), (ING)
INS.	INSULATE(D), (ING)
INT.	INTERIOR
JAN.	JANITOR'S CLOSET
JT.	JOINT

L.	LENGTH
L.H.	LEFT HAND
LAM.	LAMINATE
LAV.	LAVATORY
LT.	LIGHT
LTL.	LINTEL
LVR.	LOUVER
LW.	LIGHTWEIGHT
LW.C.	LIGHTWEIGHT CONCRETE
M.C.	MINERAL CORE
MAX.	MAXIMUM
MBR.	MEMBER
MECH.	MECHANICAL
MED.	MEDIUM
MFR.	MANUFACTURER
MH.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
MLD.	MOLDING, MOULDING
MO.	MONTH
MOV.	MOVABLE
MT.	MOUNT(ED), (ING)
MTL.	METAL
MULL.	MULLION
N.I.C.	NOT IN CONTRACT
N.R.	NOISE REDUCTION
N.R.C.	NOISE REDUCTION COEFFICIENT
N.T.S.	NOT TO SCALE
NO.	NUMBER
NOM.	NOMINAL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OH.	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
OPP.HD.	OPPOSITE HAND
ORIG.	ORIGINAL
P.L.	PROPERTY LINE
P.T.D.	PAPER TOWEL DISPENSER
P.T.R.	PAPER TOWEL RECEPTACLE
P.BD.	PARTICLE BOARD
P.LAM.	PLASTIC LAMINATE
PERF.	PERFORATE(D)
PERI.	PERIMETER
PERP.	PERPENDICULAR
PK.	PARKING
PL.	PLATE
PLAS.	PLASTER
PWD.	PLYWOOD
PNT.	PAINT
PR.	PAIR
PREP	PREPARE
PT.	POINT
PTN.	PARTITION
PV.	PAVE(ING)
PVC.	POLYVINYL CHLORIDE
PVMT.	PAVEMENT
R.	RISER
R.A.	RETURN AIR
R.D.	ROOF DRAIN
R.H.	RIGHT HAND
R.O.	ROUGH OPENING
R.O.W.	RIGHT OF WAY
RAD.	RADIUS
RFG.	ROOFING
RFL.	REFLECT(ED), (IVE), (OR)
REF.	REFERENCE
REFR.	REFRIGERATOR
REM.	REMOVE
RES.	RESILIENT
RET.	RETURN
REV.	REVISION
RM.	ROOM
RVS.	REVERSE(SIDE)

S.C.W.	SOLID CORE WOOD
S.D.	STORM DRAIN
SCHED.	SCHEDULE(D)
SEC.	SECTION
SH.	SHELF(VES), (VING)
SHTH.	SHEATHING
SHT.	SHEET
SIM.	SIMILAR
SNT.	SEALANT
SP.	SOUNDPROOF
SPK.	SPEAKER
SPEC.	SPECIFICATION(S)
SQ.	SQUARE
S.S.	STAINLESS STEEL
ST.	STREET
STL.	STEEL
STR.	STRUCTURAL
STD.	STANDARD
STOR.	STORAGE
SUSP.	SUSPENDED
SYS.	SYSTEM
I.E.	THAT IS
T.	TREAD
T.O.C.	TOP OF CURB
T.O.S.	TOP OF STRUCTURE
T.P.D.	TOILET PAPER DISPENSER
T.PTN.	TOILET PARTITION
T.O.STL.	TOP OF STEEL
TEL.	TELEPHONE
TEMP.	TEMPERATURE
THK.	THICK(NESS)
THR.	THRESHOLD
TYP.	TYPICAL
UNF.	UNFINISHED
UR.	URINAL
V.B.	VAPOR BARRIER
V.C.B.	VINYL COVE BASE
V.C.T.	VINYL COMPOSITION TILE
VERT.	VERTICAL
VEST.	VESTIBULE
V.I.F.	VERIFY IN FIELD
VIN.	VINYL
VNR.	VENEER
VOL.	VOLUME
VWC.	VINYL WALL COVERING
W.	WIDTH, WIDE
W.C.	WATER CLOSET
W.H.	WATER HEATER
W.I.	WROUGHT IRON
W.M.	WIRE MESH
W.S.	WEATHERSTRIPPING
WD.	WOOD
WDW.	WINDOW
WP.	WATERPROOFING
WT.	WEIGHT

SYMBOLS

THE FOLLOWING DRAWINGS SYMBOLS INCLUDE, BUT ARE NOT LIMITED TO THOSE TYPICALLY FOUND IN A SET OF CONSTRCTION DOCUMENTS

FLOOR LEVEL LINE — Name, Elevation

MATCHLINE (SHADED PORTION)

COLUMN GRIDS — 000

ROOM TAG — Room name, 101

REVISION TAG — 1, AS/RFI

WINDOW TAG — 1

DOOR TAG — 101

NORTH ARROW — N

BUILDING SECTION TAG — 1/A101 SIM, 1/A101 SIM

THE SECTION IS TAKEN ALONG THE STRAIGHT LINE OF THE SYMBOL. THE ARROW POINTS IN THE DIRECTION O FTHE VIEW FOR THE SECTION. THE NUMBER IS A REFERENCE TO THE SENCTION DRAWING. IN THIS EXAMPLE DRAWING 1/A101 REPRESENTS DRAWING 6 ON SHEET A101.

WALL SECTION TAG — 1/A101 SIM

SEE ABOVE FOR EXPLANATION

ELEVATION TAG — 2/A300 EXTERIOR, 2/A300 INTERIOR

THE ARROW POINTS IN THE DIRECTION OF THE VIEW FOR THE ELEVATION. THE NUMBER IS A REFERENCE TO THE ELEVATION DRAWING. IN THIS EXAMPLE, DRAWING 2 ON SHEET A300

DETAIL KEY — 1/A101 SIM

THIS SYMBOL IS A KEY TO A DETAIL DRAWN OF THE AREA WITHIN THE DASHED LINES. THE NUMBER IS A REFERENCE TO THE DETAIL DRAWING. FOR EXAMPLE, DRAWING 1/A101 REPRESENTS DRAWING 1 ON SHEET A101

SHEET NUMBERING

A401

EACH SHEET OF DRAWINGS IS NUMBERED IN THE LOWER RIGHT HAND CORNER. SHEETS ARE NUMBERED FIRST BY SECTION LETTER THEN BY SHEET NUMBER WITHIN THE SECTION. FOR EXAMPLE, SHEET A401 REPRESENTS SHEET 401 WITHIN THE ARCHITECTURAL SECTION.

DRAWINGS

DRAWINGS ARE ORGANIZED ACCORDING TO A "SECTION FROMAT". WITH EACH SECTION DESCRIBING A GENERAL ASPECT OF THE CONSTRUCTION. THE FOLLOWING LISTING ILLUSTRATES A TYPICAL SEQUENCE OF DRAWINGS DEVELOPED FOR A LOGICAL SECTION OF WORK.

SECTION G	GENERAL PROJECT INFORMATION & DRAWINGS
SECTION C	CIVIL DRAWINGS
SECTION A	ARCHITECTURAL DRAWINGS
SECTION S	STRUCTURAL DRAWINGS
SECTION M	MECHANICAL DRAWINGS
SECTION E	ELECTRICAL DRAWINGS
SECTION P	PLUMBING DRAWINGS
SECTION L	LANDSCAPE DRAWINGS

CODE BASIS:

CITY OF SAN ANTONIO, TEXAS CODE OF ORDINANCES, ADOPTED MAY 1, 2015

2015 EDITION INTERNATIONAL CODES WITH CITY OF SAN ANTONIO ADOPTED AMENDMENTS, UTILIZING THE 2015 EDITION INTERNATIONAL BUILDING CODE (2015 I.B.C.) AS THE PRIMARY BUILDING CODE
AND 2015 INTERNATIONAL ENERGY CONSERVATION CODE AS THE PRIMARY ENERGY CODE.

PROJECT DESCRIPTION:

The property owner wishes to demolish the deteriorated back addition and construct new restroom facilities in addition to rehabilitating and adapting the existing masonry building to fit today's needs.

DEMOLITION

Southwest addition, Storefront Windows, Transoms (retaining historic fresnel panels). Exterior Doors as noted, Canopy as noted, and Interior Partitions. Reference the drawings for details.

ZONING SUMMARY

Address: 1829 N. New Braunfels Ave.
NCB: 1268 BLK: 4 LOT: 9 KITCHEN SUBDIVISION
C-2 IDZ

2,722 SQUARE FEET EXISTING UNLEASED SPACE FOR FUTURE TENANT(/100 OCCUPANCY FACTOR = ESTIMATED 28 OCCUPANTS)

334 SQUARE FEET DEMOLISHED SUPPORT SPACE

451 SQUARE FEET NEW ADDITION SUPPORT SPACE FOR FUTURE TENANT(/100 OCCUPANCY FACTOR = ESTIMATED 5 OCCUPANTS)

OF EXITS PROVIDED: 2 MINIMUM

ENERGY COMPLIANCE:

PROJECT ENERGY COMPLIANCE NOTES:

1. ASHRAE CLIMATE ZONE 2. R-VALUES, U-FACTORS & SHGC VALUES INDICATED ARE PROJECT MINIMUM REQUIREMENTS.
   - U-FACTOR: .40 MAXIMUM VALUE FENESTRATION
   - U-FACTOR: .65 MAXIMUM VALUE SKYLIGHT
   - U-FACTOR: .83 ENTRANCE DOORS
   - SHGC FACTOR: .25 MAXIMUM VALUE GLAZED FENESTRATION
   - SHGC FACTOR: .35 MAXIMUM VALUE SKYLIGHT
   - R-VALUE CEILING: 38 MINIMUM VALUE
   - R-VALUE WALLS: 13 MINIMUM VALUE
   - R-VALUE ROOF: 25 MINIMUM VALUE
2. REFERENCE & REVIEW THE COMCHECK COMPLIANCE CERTIFICATE AND INSPECTION CHECKLIST PREPARED FOR THE PROJECT PRIOR TO WORK TO CONFIRM PRODUCT OR INSTALLATION REQUIREMENTS.
3. REFER TO MEP DRAWINGS FOR ADDITIONAL CODE COMPLIANCE INFORMATION
4. PROVIDE FIREBARRIER PROTECTION WHERE REQUIRED FOR FLAMMABLE SPRAY FOAM INSULATION PRODUCTS SUCH AS POLYURETHANE
5. 75% OF LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES TO BE HIGH- EFFICACY TYPE.
   - ANY LAMP MEETING THE FOLLOWING MINIMUM EFFICIENCY REQUIREMENTS:
   - 60 LUMENS PER WATT FOR LAMPS OVER 40 WATTS
   - 50 LUMENS PER WATT FOR LAMPS OVER 15 WATTS, BUT NO MORE THAN 40 WATTS
   - 40 LUMENS PER WATT FOR LAMPS RATED AT 15 WATTS OR LESS
   - INCANDESCENT LAMPS ARE EXLCUDED.
6. AIR LEAKAGE BLOWER DOOR TESTING & VERIFICATION WILL BE REQUIRED PER CODE AFTER CREATION OF ALL PENETRATIONS IN THE THERMAL BUILDING ENVELOPE.
7. COMPLY WITH 2015 IECC TABLE 402.4.1.1 "AIR BARRIER AND INSULATION INSTALLATION" FOR AIR SEALAGE REQUIREMENTS.
8. PIPE INSULATION REQUIREMENTS PER CODE.

GENERAL NOTES

1. ALL NOTES REFER TO NEW WORK UNLESS NOTED AS EXISTING.
2. PATCH AND REPAIR ALL AREAS AND SURFACES AFFECTED BY DEMOLITON AS TO PREPARE FOR NEW CONSTRUCTION.
3. GENERAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. THE CONTRACT DOCUMENTS DO NOT REPRESENT A COMPLETE SURVEY OF ALL EXISTING CONDITIONS.
4. THE CONTRACT DOCUMENTS DO NOT SHOW ALL REQUIRED DEMOLITION, REHABILITATION, AND PATCHING CONDITIONS. CONTRACTOR TO DETERMINE THE EXTENTS OF DEMOLITION AND REHABILITATION WORK AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS.
5. REPAIR AT NO COST TO THE OWNER DAMAGE CAUSED TO AREAS AND MATERIALS AFFECTED BY CONSTRUCTION OPERATIONS. EVERY EFFORT IS TO BE MADE TO MAINTAIN A CLEAN PROJECT SITE AS TO MINIMIZE EFFECTS ON NEW WORK AND SENSITIVE HISTORIC COMPONENTS DUE TO THE PRESENCE OF DUST AND DEBRIS.
6. ARCHITECT'S SEAL ON CONSULTANT'S DRAWINGS ATTESTS ONLY TO THE ARCHITECT'S COORDINATION OF THE CONSULTANT'S WORK WITH THAT OF THE ARCHITECT AND DOES NOT IMPLY THE ARCHITECT'S PRACTICE OF ENGINEERING OR OTHER CONSULTANT'S SPECIALTY.
7. ALL SUBCONTRACTORS AND CONSTRUCTION WORKERS MUST READ THE WRITTEN SPECIFICATIONS CONTAINED IN THE PROJECT MANUAL. THE SPECIFICATIONS CONTAIN ADDITIONAL SURFACE PREPARATION OR SURFACE REQUIREMENTS FOR THE BUILDING MATERIALS, PRODUCTS, OR COMPONENTS THAT ARE BEING PLACED OR INSTALLED.
8. THE INSTALLATION/APPLICATION INFORMATION SHOWN IS NOT COMPLETE WITHOUT THE WRITTEN SPECIFICATIONS. IF THE SPECIFICATIONS/PROJECT MANUAL IS NOT WITH THESE DRAWINGS, ASK THE GENERAL CONTRACTOR FOR A COPY TO REVIEW BEFORE BEGINNING YOUR WORK.
9. THE WORD "PROVIDE" WHEN USED IN ANY DOCUMENT RELATING TO THIS PROJECT, INCLUDING BUT NOT LIMITED TO THE DRAWINGS, SPECIFICATIONS, PROPOSAL REQUESTS, CHANGE ORDERS AND OTHER SIMILAR DOCUMENTS, SHALL MEAN TO FURNISH, INSTALL IN PLACE, CONNECT, FINISH, AND COMPLETE READY TO USE FOR ITS INTENDED PURPOSE.
10. CONTRACTOR SHALL PERFORM ALL WORK IN FULL COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL CODES, AGENCIES, AND ORDINANCES HAVING JURISDICTION.
11. ALL MATERIALS RELATED TO THIS WORK SHALL BE SHIPPED, STORED, AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
12. NEITHER THE ARCHITECT, NOR THE ARCHITECT'S CONSULTANTS WILL BE RESPONSIBLE FOR, NOR HAVE CONTROL OR CHARGE OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR SAFETY PRECAUTIONS IN CONNECTION WITH THIS PROJECT. THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS WILL NOT BE RESPONSIBLE FOR NOR HAVE CONTROL OF OR CHARGE OVER THE ACTS OR OMISSIONS OF THE GENERAL CONTRACTOR OR SUBCONTRACTORS, OR ANY OF THEIR AGENTS, EMPLOYEES, OR ASSIGNS PERFORMING ANY OF THE WORK ON THIS PROJECT.
13. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL VISIT THE SITE AND INCLUDE IN HIS BID ALL ADJUSTMENTS AND COSTS AFFECTING EXISTING BUILDING UTILITY SERVICES, I.E. WATER LINES, WASTE LINES, GAS LINES, AND ELECTRICAL SERVICE THAT ARE APPLICABLE TO THE PROJECT.
14. CONTRACTOR SHALL BRING TO THE IMMEDIATE ATTENTION OF THE ARCHITECT ANY OMMISSIONS, ERRORS, OR CONFLICTS IN THE CONSTRUCTION DOCUMENTS OR FIELD CONDITIONS. GENERAL CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS AND CONDITIONS AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ANY WORK.
15. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PROJECT SITE, AND EXISTING UTILITIES CAUSED BY THIS WORK ON THIS PROJECT AND SHALL QUICKLY REPAIR OR REPLACE THE DAMAGE. THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION AT THE BUILDING FOR THIS WORK UNTIL TURNED OVER TO THE OWNER.
16. THE CONSTRUCTION DRAWINGS AND/OR NOTES ARE TO ILLUSTRATE THE GENERAL TYPE OF CONSTRUCTION AND DESIGN DESIRED AND ARE INTENDED TO IMPLY THE FINEST QUALITY OF CONSTRUCTION MATERIAL AND WORKMANSHIP THROUGHOUT.
17. UPON COMPLETION OF THE PROJECT, AN INDEPENDENT REGISTERED ACCESSIBILITY SPECIALIST WILL VISIT THE SITE FOR TDLR CONFORMANCE.
18. GENERAL CONTRACTOR, SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS ARE TO CERTIFY THAT ALL MATERIALS AND PRODUCTS USED IN CONSTRUCTION DO NOT CONTAIN ASBESTOS IN ANY AMOUNT IN ACCORDANCE WITH THE TOXIC SUBSTANCE CONTROL ACT.

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Revisions

Date
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Phase
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Job Number
CNOS701

Scale — North

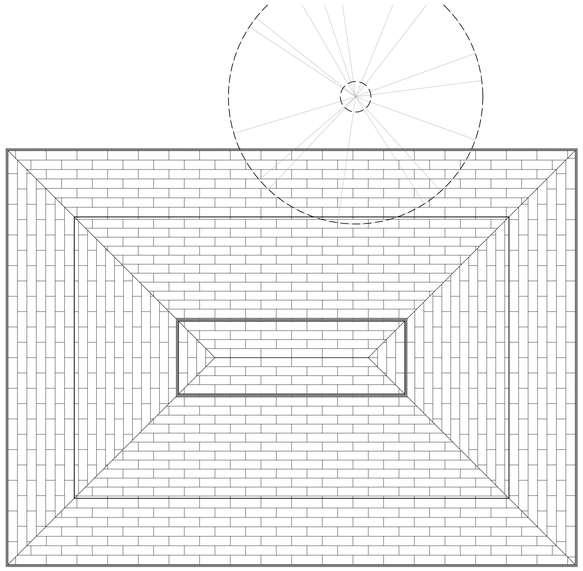
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ABBREVIATIONS & SYMBOLS

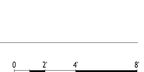
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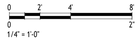


4 EXISTING ROOF PLAN
1/4" = 1'-0"

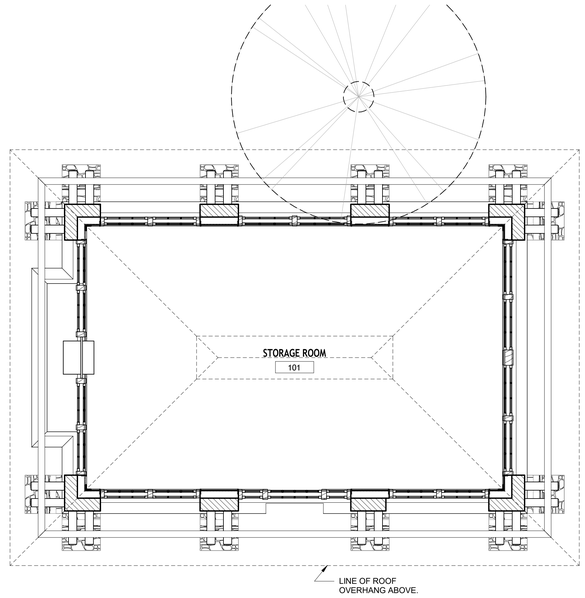




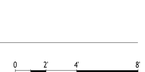
3 EXISTING REFLECTED CEILING PLAN
1/4" = 1'-0"



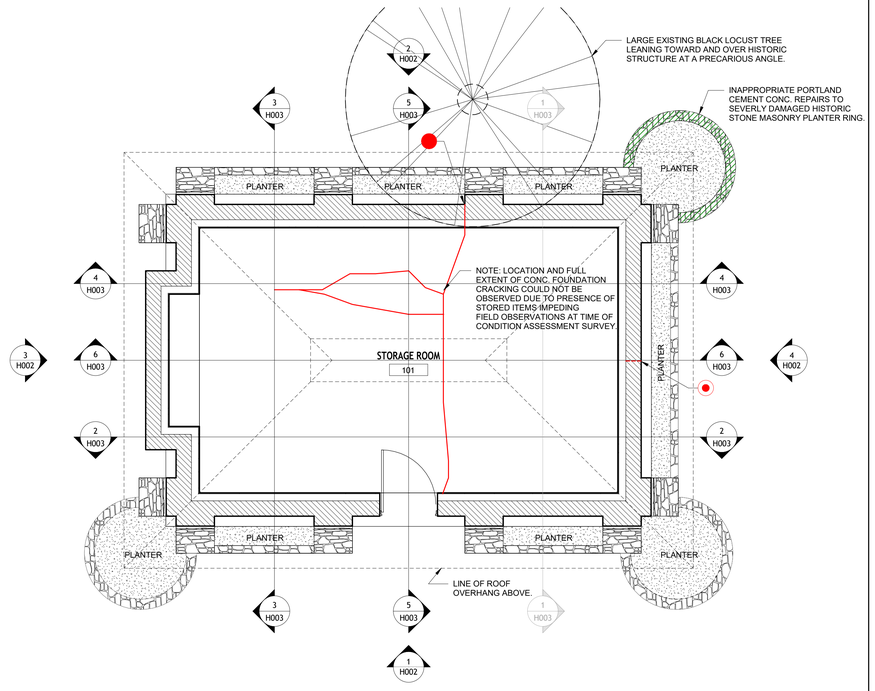




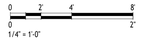
2 EXISTING CLERESTORY FLOOR PLAN
1/4" = 1'-0"







1 EXISTING FLOOR PLAN
1/4" = 1'-0"





GENERAL NOTES - EXISTING

NUMBER	EXISTING CONDITION NOTE
1	
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CONDITION ASSESSMENT LEGEND

- MATERIAL LOSS
- MATERIAL DAMAGE
- FINISH DAMAGE
- HISTORIC OVER-PAINTING / SIGNAGE
- MAJOR CRACK
- MINOR / HAIRLINE CRACK
- NON-HISTORIC MATERIAL
- PREVIOUS PATCH / REPAIR
- NON-HISTORIC FINISH / OVER-PAINTING
- STAINING / BIOLOGICAL GROWTH
- PREVIOUS CRACK REPAIR
- MAJOR WATER DAMAGE
- MINOR WATER DAMAGE / STAINING
- MAJOR WALL DAMAGE (PLAN)
- MODERATE WALL DAMAGE (PLAN)
- MINOR WALL DAMAGE (PLAN)

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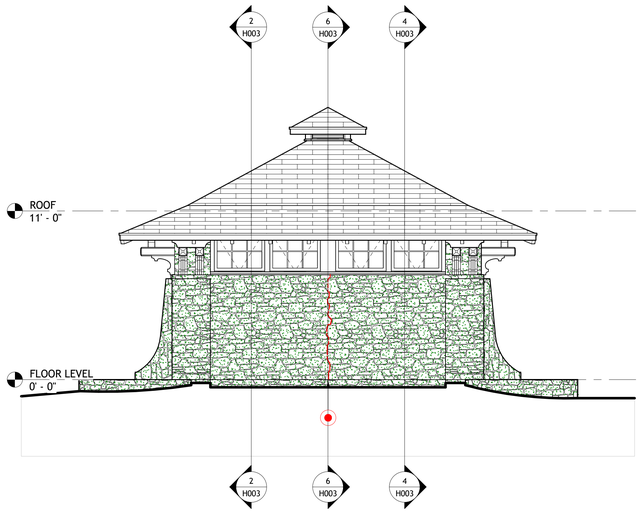
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CONDITION ASSESSMENT FLOOR PLANS

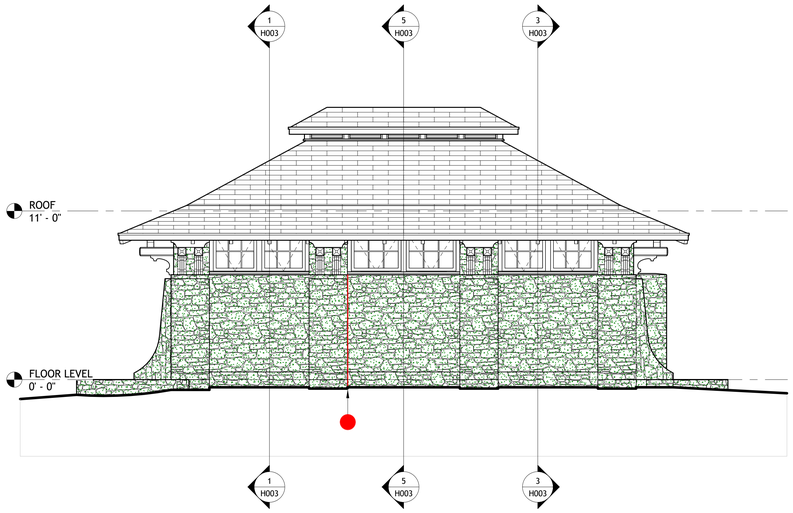
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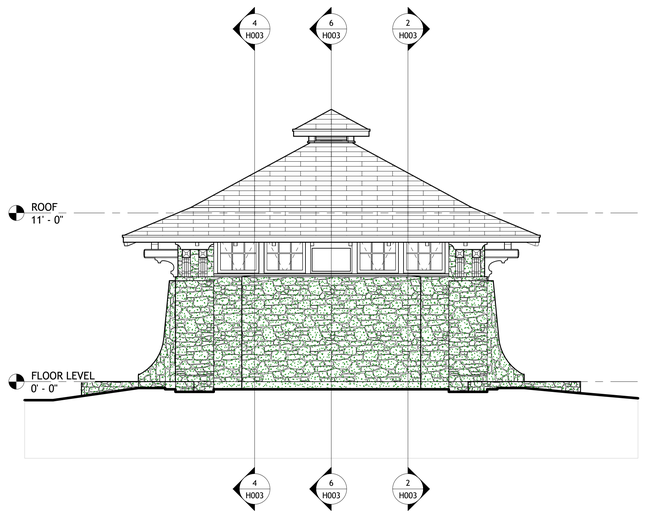
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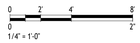
4 EXISTING EAST BUILDING ELEVATION
1/4" = 1'-0"

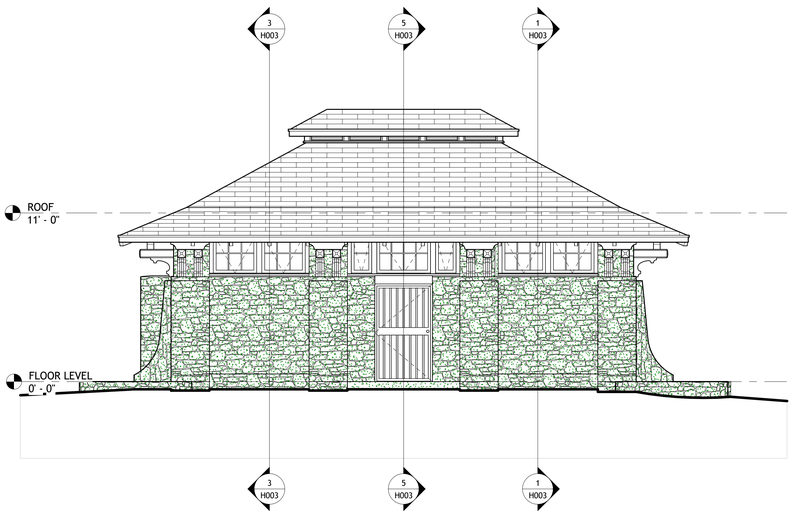


2 EXISTING NORTH BUILDING ELEVATION
1/4" = 1'-0"

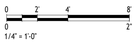


3 EXISTING WEST BUILDING ELEVATION
1/4" = 1'-0"





1 EXISTING SOUTH BUILDING ELEVATION
1/4" = 1'-0"



GENERAL NOTES - EXISTING

NUMBER	EXISTING CONDITION NOTE
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CONDITION ASSESSMENT LEGEND

- MATERIAL LOSS
- MATERIAL DAMAGE
- FINISH DAMAGE
- HISTORIC OVER-PAINTING / SIGNAGE
- MAJOR CRACK
- MINOR / HAIRLINE CRACK
- NON-HISTORIC MATERIAL
- PREVIOUS PATCH / REPAIR
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- PREVIOUS CRACK REPAIR
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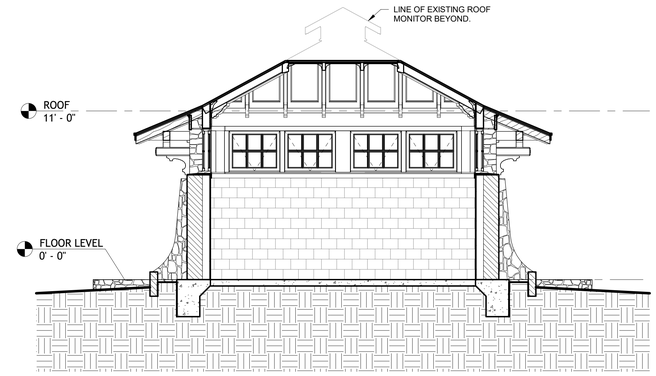
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CONDITION ASSESSMENT BUILDING ELEVATIONS

Drawing Number

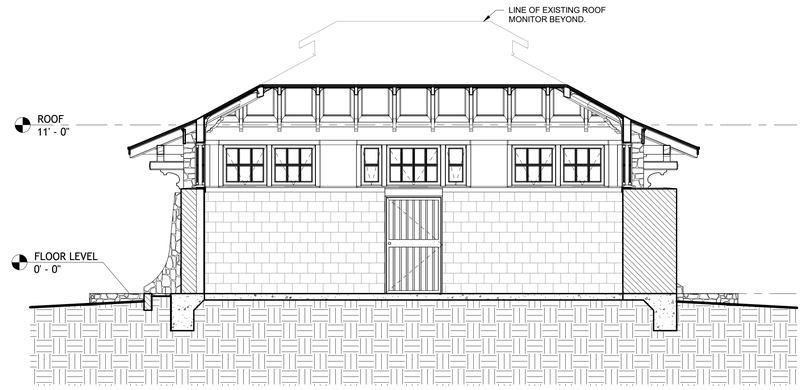
H002

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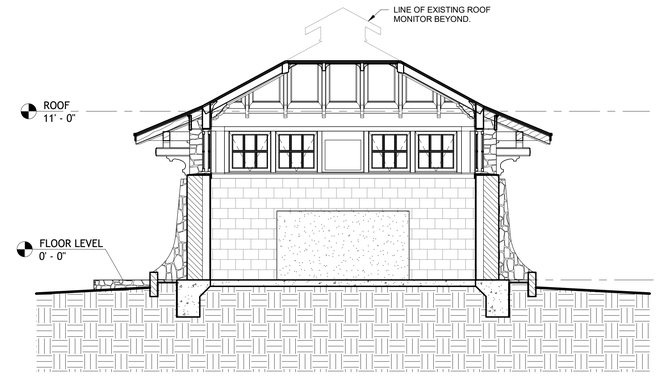
1 EXISTING - TRANSVERSE BUILDING SECTION LOOKING EAST
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"



2 EXISTING - LONGITUDINAL BUILDING SECTION LOOKING SOUTH
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"



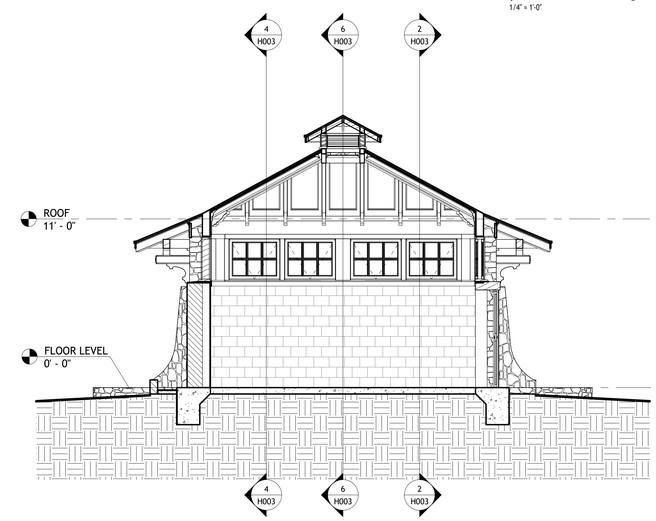
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0 2' 4' 8'
0 2"
1/4" = 1'-0"



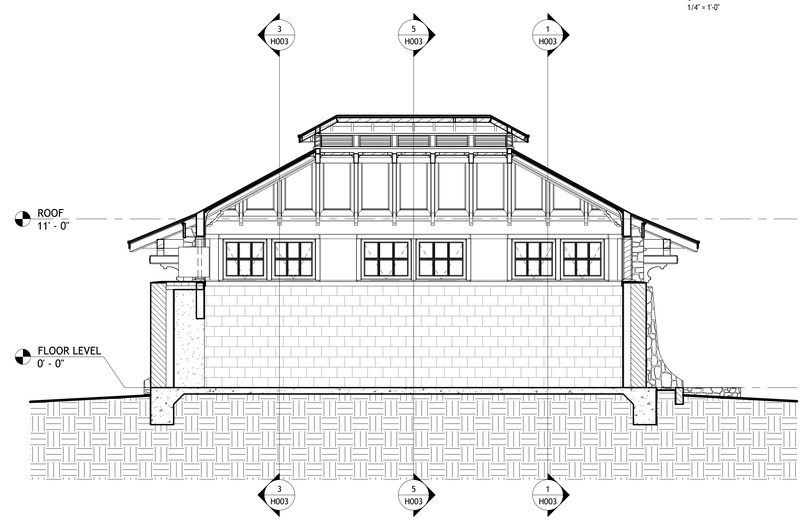
4 EXISTING - LONGITUDINAL BUILDING SECTION LOOKING NORTH
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"



5 EXISTING - TRANSVERSE BUILDING SECTION
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"



6 EXISTING - LONGINTUDINAL BUILDING SECTION
1/4" = 1'-0"

0 2' 4' 8'
0 2"
1/4" = 1'-0"

GENERAL NOTES - EXISTING

NUMBER	EXISTING CONDITION NOTE
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

CONDITION ASSESSMENT LEGEND

- MATERIAL LOSS
- MATERIAL DAMAGE
- FINISH DAMAGE
- HISTORIC OVER-PAINTING / SIGNAGE
- MAJOR CRACK
- MINOR / HAIRLINE CRACK
- NON-HISTORIC MATERIAL
- PREVIOUS PATCH / REPAIR
- NON-HISTORIC FINISH / OVER-PAINTING
- STAINING / BIOLOGICAL GROWTH
- PREVIOUS CRACK REPAIR
- MAJOR WATER DAMAGE
- MINOR WATER DAMAGE / STAINING
- MAJOR WALL DAMAGE (PLAN)
- MODERATE WALL DAMAGE (PLAN)
- MINOR WALL DAMAGE (PLAN)

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CONDITION ASSESSMENT BUILDING SECTIONS

Drawing Number

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1 EXTERIOR FRONT VIEW



2 UPPER WINDOW LEFT



3 FRONT BRACKET



4 UPPER WINDOW RIGHT



5 FRONT RIGHT CORNER



6 STONE PLANTER RIGHT



7 EXTERIOR RIGHT VIEW



8 CORNER BRACETS



9 BRACKETS @ REAR



10 UPPER WINDOWS @ REAR



11 BRACKETS-RIGHT REAR



12 CORNER RIGHT REAR



13 REAR EXTERIOR



14 LEFT EXTERIOR



15 STONE DECORATION



16 STONE DECORATION



17 CORNER FRONT LEFT



18 LEFT STONE PLANTER



19 INTERIOR ENTRY



20 DETERIORATE WINDOW ABOVE ENTRY



21 DAMAGED CONC. SLAB & FLOOR FINISH



22 LEFT INTERIOR



23 REAR INTERIOR



24 UPPER WINDOWS REAR



25 RIGHT WINDOWS RIGHT



26 RIGHT INTERIOR



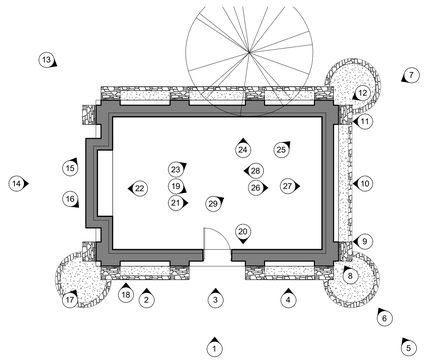
27 UPPER WINDOWS RIGHT



28 DAMAGED FLOOR



29 INTERIOR CELING



1 EXISTING FLOOR PLAN - PHOTO KEY PLAN
1/8" = 1'-0"

N

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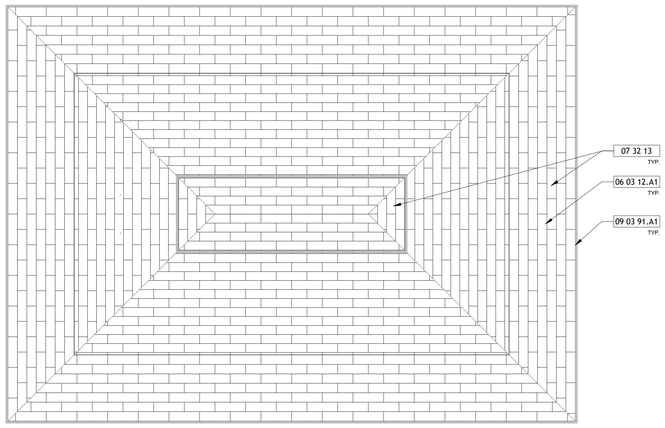
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EXISTING CONDITIONS PHOTOGRAPHS

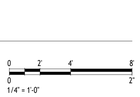
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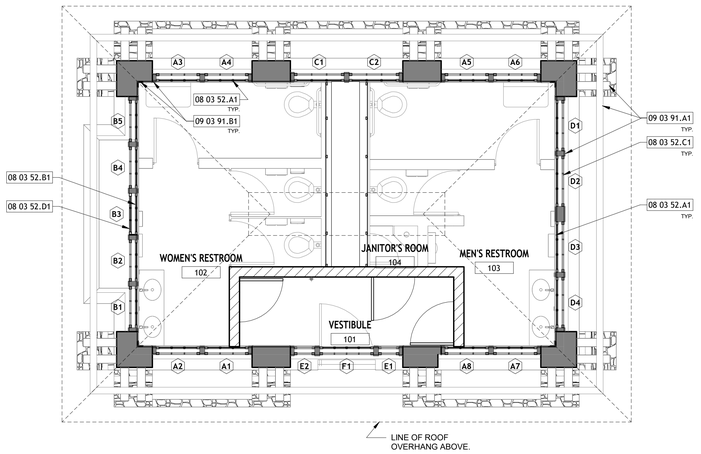
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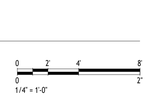
4 PROPOSED REHABILTATION ROOF PLAN
1/4" = 1'-0"



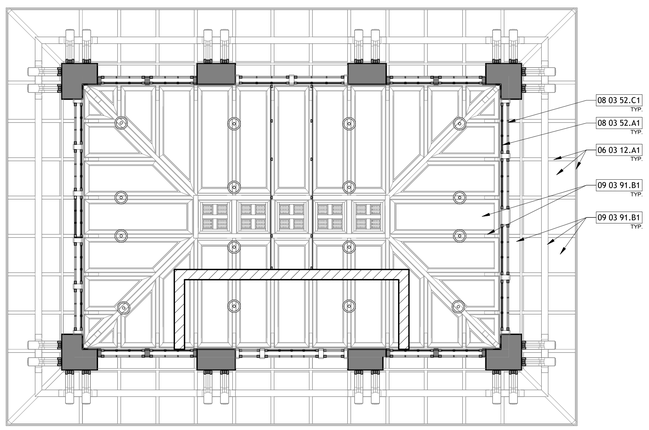




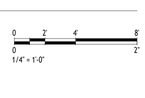
2 PROPOSED REHABILTATION CLERESTORY FLOOR PLAN
1/4" = 1'-0"



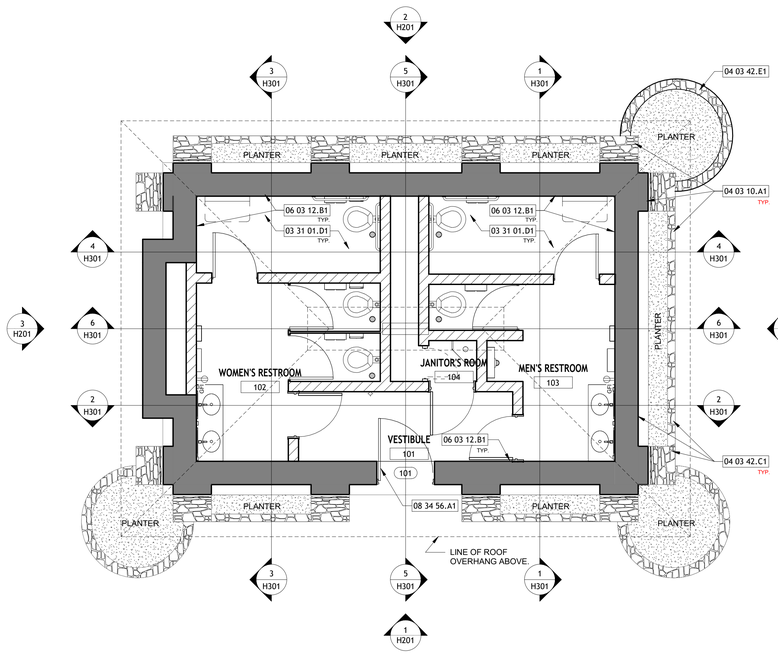




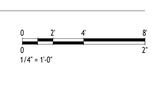
3 PROPOSED REHABILTATION RCP
1/4" = 1'-0"







1 PROPOSED REHABILTATION FLOOR PLAN
1/4" = 1'-0"





HP GENERAL NOTES - FLOOR PLANS

NUMBER	NOTES
1	REFER TO SHEET A0.00 FOR GRAPHIC SYMBOLS AND LIST OF ABBREVIATIONS.
2	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
3	REFER TO HISTORIC PRESERVATION SPECIFICATIONS FOR SPECIFIC PRODUCTS, TREATMENT PROCEDURES, MOCK-UPS, AND QUALITY CONTROL REQUIREMENTS FOR HISTORIC REHABILITATION WORK.
4	REFER TO ARCHITECT'S, LANDSCAPE ARCHITECT'S, AND CONSULTING ENGINEERS' DRAWINGS AND SPECIFICATIONS FOR THE FULL SCOPE OF WORK TO BE COORDINATED BY THE GENERAL CONTRACTOR WITH THE HISTORIC REHABILITATION WORK.
5	REFER TO "D" AND "HD" DRAWING SHEETS AND SPECIFICATION SECTION 02 4296 - HISTORIC REMOVAL AND DISMANTLING FOR SALVAGED HISTORIC MATERIALS AND FEATURES TO BE REHABILITATED OR REPLICATED IN-KIND FOR INCORPORATION INTO NEW WORK.
6	THESE DRAWINGS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK. THE GENERAL CONTRACTOR SHALL INFORM THE HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN OR SIGNIFICANT DEVIATIONS FROM THE GENERAL REPRESENTATION OF THE EXISTING CONDITIONS THAT MAY IMPACT THE WORK.
7	REASONABLE ASSUMPTIONS AND/OR OBSERVATIONS OF EXISTING MATERIALS, FEATURES, AND STRUCTURAL ELEMENTS DURING THE HISTORIC PRESERVATION ARCHITECT'S PRELIMINARY CONDITION ASSESSMENT WORK APPEAR IN SECTIONS AND DETAILS IN GRAY TO PROVIDE GENERAL CONTEXT FOR NEW WORK. THESE ASSUMPTIONS SHALL BE CONFIRMED BY THE GENERAL CONTRACTOR AND SUB-CONTRACTORS PRIOR TO BEGINNING WORK.
8	NOT ALL KEYNOTES APPEAR IN EACH DRAWING SHEET. REFER TO INDIVIDUAL SHEET FOR SPECIFICATIONS NOTES.
9	ALL DIMENSIONS OF EXISTING CONDITIONS SHALL BE TAKEN FROM FACE OF FINISHED WALL UNLESS NOTED ON PLANS AND DETAILS. VERIFY ALL DIMENSIONS IN FIELD.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR DISMANTLING PROCEDURES OR EXECUTION OF NEW WORK. PROTECT ALL ELEMENTS, HISTORIC OR OTHERWISE, DURING ALL PHASES OF CONSTRUCTION OPERATIONS. SECURE THE SITE AND BUILDING FROM INTRUSION OR VANDALISM WHEN ACTIVE CONSTRUCTION OPERATIONS CEASE. TAKE NECESSARY PRECAUSTIONS TO SAFEGUARD THE HEALTH, SAFETY, AND WELL-BEING OF THE KEYSTONE SCHOOLS STUDENTS, FACULTY, AND STAFF WHEN SCHOOL IS IN SESSION OR DURING AFTER-HOURS EVENTS.
11	REFER TO SPECIFICATION SECTION 01 7329 - CUTTING AND PATCHING FOR SPECIAL PRECAUTIONS AND REQUIREMENTS. PROTECT ALL EXISTING MATERIAL, FEATURES, AND STRUCTURE, HISTORIC OR OTHERWISE, TO REMAINWHERE NEW WORK IS TO OCCUR. PATCH AND REPAIR ANY DAMAGE RESULTING FROM DEMOLITION, SELECTIVE DISMANTLING, OR NEW WORK. MATCH ADJACENT FINISHES AND COLORS.
12	GENERAL CONTRACTOR TO INSTITUTE AND ENFORCE ROBUST FIRE PROTECTION AND FIRE WATCH PROTOCOLS AS PART OF A COMPREHENSIVE JOBSITE SAFETY PROGRAM TO ENSURE WORKER SAFETY AND PROTECTION OF THE HISTORIC WOOD-FRAMED BUILDING AND SURROUNDING SCHOOL PROPERTY.
13	GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INSTITUTING AND ENFORCING FALL PROTECTION PROTOCOLS AS PART OF A COMPREHENSIVE JOBSITE SAFETY PROGRAM TO ENSURE WORKER SAFETY DURING ROOFING OPERATIONS. THIS SHALL ENCOMPASS, BUT IS NOT LIMITED TO, A RANGE OF SAFETY MEASURES, INCLUDING PERSONAL PROTECTIVE EQUIPMENT (PPE) LIKE HARNESSES AND LANYARDS, TEMPORARY GUARDRAILS AND BARRIERES, SAFETY NETS, AND ADHERENCE TO CITY, STATE, AND FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
14	PROTECT CEILING, WALLS, FLOORS AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN AND ARE EXPOSED DURING ROOF REPLACEMENT OPERATIONS.
15	REPAIR ROOF STRUCTURAL MEMBERS AND INSTALL NEW DECK AS REQUIRED AFTER ROOF REMOVAL PER STRUCTURAL ENGINEERS DRAWINGS AND SPECIFICATIONS. PREPARE SURFACES OF ROOF DECK PER ROOF WATERPROOF MEMBRANE MANUFACTURER'S INSTRUCTIONS.
16	REFER TO *MEP* ENGINEER'S DRAWINGS AND SPECIFICATIONS FOR LOCATION OF NEW PENETRATIONS IN ROOF. NEW ROOF PENETRATIONS TO BE ON THE REAR OF THE STRUCTURE WHERE POSSIBLE TO LIMIT VISIBILITY FROM THE RIGHT-OF-WAY. DRAWINGS MAY NOT SHOW OR INCLUDE DETAIL KEYS FOR ALL PENETRATIONS. IT SHALL REMAIN THE GENERAL CONTRACTOR'S RESPONSIBILITY TO INCLUDE WITHIN ITS BID ALL ROOFING, FLASHING, SUPPORTS, EQUIPMENT RELOCATION, ETC., FOR A COMPLETE JOB. IN THE ABSENCE OF A SPECIFIC DETAIL THE CONTRACTOR SHALL INCLUDE INSTALLATIONS MEETING THE ROOF SYSTEM MANUFACTURER'S STANDARD ASSEMBLY.
17	REFER TO INSTALLATION INSTRUCTIONS AND REQUIREMENTS FOR MATERIAL HANDLING AND STORAGE FOR WIP WATERPROOF *MEBRANE* UNDERLAYMENT MANUFACTURER AND METAL ROOF PANEL MANUFACTURER. MANUFACTURERS' TECHNICAL REPRESENTATIVES SHALL BE ENGAGED FOR PRE-INSTALLATION MEETINGS AND PERIODIC OBSERVATIONS OF THE WORK TO ENSURE WORK COMPLIES WITH MANUFACTURERS' WARRANTY CONDITIONS REQUIREMENTS.
18	THE SUBSTRATE SHALL BE CLEAN AND DRY PRIOR TO ROOF INSTALLATION.
19	ALL MASONRY MATERIALS AND SUBSTRATE SHALL BE PRIMED PER WIP WATERPROOF *MEMBRANE* UNDERLAYMENT MANUFACTURER'S INSTALLATION REQUIREMENTS AND GUIDELINES.
20	WHEN INSTALLING WIP WATERPROOF *MEMBRANE* UNDERLAYMENT, WORK FROM BOTTOM OF SLOPE UP THE ROOF TO FORM WATER SHEDDING LAPS. LAP WIDTHS SHALL COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
21	WHEN INSTALLING WIP WATERPROOF *MEMBRANE* UNDERLAYMENT, COMPLY WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR INSIDE AND OUTSIDE CORNER PATHCES. MODIFY RELIEF CUTS IN PATCH AS REQUIRED.
22	COVER ALL EXPOSED WIP WATERPROOF *MEMBRANE* FLASHING WITH METAL FLASHING, METAL ROOF PANELS, BEVELED WOOD WALL SIDING, OR WOOD SHINGLE WALL SIDING. SEQUENCE WORK TO LIMIT EXPOSURE OF UNDERLAYMENT AND *MEMBRANE* FLASHINGS PER MANUFACTURER'S RECOMMENDATIONS.
23	PROVIDE DIVERTER ABOVE ENTRY DOORS TO PROMOTE POSITIVE RUNOFF TO EITHER SIDE.

KEYNOTE NUMBER	KEYNOTE
03 31 01.D1	NEW CONCRETE SLAB DOWELED INTO EXISTING CONCRETE PERIMETER BEAM WITH POLISHED AND SEALED FINISHED TOPPING SLAB. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR STRUCTURAL FOUNDATION WORK. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR CONCRETE FINISH WORK.
04 03 10.A1	CLEAN DIRT, PAINT, ATMOSPHERIC POLLUTANTS, METALLIC STAINS, AND BIOLOGICAL GROWTH FROM EXTERIOR SURFACES OF HISTORIC LIMESTONE MASONRY USING LOW-PRESSURE WATER, NON-ACIDIC MASONRY CLEANING SOLUTIONS, AND HAND BRUSHES USING METHOD APPROVED BY HISSTORIC ARCHITECT AFTER MOCKUP PROCESS, TYPICAL. REFER TO SPECIFICATION SECTION 04 03 10.
04 03 42.C1	REPOINT HISTORIC LIMESTONE MASONRY WHERE NEEDED, POINTING MORTAR USING SMALL HAND TOOLS , AND POWER TOOLS TO REMOVE FAILED POINTING MORTAR AND REPLACING WITH AN HISTORICALLY APPROPRIATE POINTING MORTAR TO REPLICATE HISTORIC TOOLING, TYPICAL. ASSUME 75% POINTING MORTAR REPLACEMENT. REF. SPECIFICATION SECTIONS 04 03 42 AND 04 15 50.
04 03 42.E1	REPLACE DAMAGED STONE PLANTER RING THAT WAS PREVIOUSLY INAPPROPRIATELY REPAIRED WITH PORTLAND CEMENT CONCRETE WITH A NEW IN-KIND STONE PLANTER RING AND TRADITIONAL LIME MORTAR. MATCH RADIUS AND TOP OF PLANTER WALL ELEVATION OF EXISTING PLANTER RINGS. REFER TO SPECIFICATION SECTION 04 15 50 FOR RECOMMENDED LIME MORTAR MIX.
06 03 12.A1	REPAIR, PATCH OR REPLACE DETERIORATED HISTORIC WOOD ROOF STRUCTURE, DECKING, SOFFITS, AND FASCIA TRIM PRIOR TO RE-ROOFING. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
06 03 12.B1	CLEAN AND REPAIR AS REQUIRED HISTORIC WOOD-FRAMED WALL TO RECEIVE NEW TERRACOTTA TILE FINISH. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
07 32 13	CLAY TILE ROOFING
08 03 52.A1	REHABILITATE HISTORIC WOOD HOPPER WINDOW BY CLEANING AND REPAIRING, AS REQUIRED, FRAMES AND SASHES. IF WOOD WINDOW COMPONENTS ARE DETERIORATED, CONSOLIDATE, EPOXY PATCH OR REPLACE IN-KIND BASED ON LEVEL OF DETERIORATION INDICATED IN WINDOW REHABILITATION SCHEDULE. REPLACE MISSING COMPONENTS WITH IN-KIND TO MATCH EXISTING. CLEAN AND REGLAZE EXISTING GLASS. REPLACE BROKEN PANES AS REQUIRED WITH NEW GLASS TO MATCH EXISTING. PRIME AND PAINT FRAMES, SASHES, AND GLAZING COMPOUND PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91. CLEAN AND REPAIR HARDWARE TO OPERATIONAL CONDITION. REPLACE MISSING OR BROKEN HARDWARE WITH NEW HARDWARE TO MATCH TYPE AND FINISH OF EXISTING.
08 03 52.B1	PROVIDE AND INSTALL NEW WOOD WINDOW SASH AND HARDWARE TO MATCH EXISTING. PRIME AND PAINT FRAMES, SASHES, AND GLAZING COMPOUND PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
08 03 52.C1	REHABILITATE HISTORIC WOOD WINDOW SCREEN BY REMOVING DETERIORATED EXISTING SCREEN MATERIAL, AND CLEANING AND REPAIRING FRAMES AND STOPS, AS REQUIRED, . IF WOOD WINDOW COMPONENTS ARE DETERIORATED, CONSOLIDATE, EPOXY PATCH OR REPLACE IN-KIND TO MATCH EXISTING BASED ON LEVEL OF DETERIORATION INDICATED IN WINDOW SCREEN REHABILITATION SCHEDULE. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91. INSTALL NEW BRONZE WIRE SCREEN MATERIAL IN FRAMES. CLEAN AND REPAIR HARDWARE TO OPERATIONAL CONDITION. REPLACE MISSING OR BROKEN HARDWARE WITH NEW HARDWARE TO MATCH TYPE AND FINISH OF EXISTING. PROVIDE AND INSTALL NEW INTERIOR LATCHING HARDWARE TO DETER TAMPERING AND VANDALISM.
08 03 52.D1	PROVIDE AND INSTALL NEW WOOD WINDOW SCREEN WITH BRONZE WIRE SCREEN MATERIAL TO MATCH EXISTING. PRIME AND PAINT SCREEN FRAMES PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91. REPLACE MISSING OR BROKEN HARDWARE WITH NEW HARDWARE TO MATCH TYPE AND FINISH OF EXISTING. PROVIDE AND INSTALL NEW INTERIOR LATCHING HARDWARE TO DETER TAMPERING AND VANDALISM.
08 34 56.A1	METAL SECURITY GATE. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91. REFER TO DOOR AND HARDWARE SCHEDULES.
09 03 91.A1	PREPARE AND PAINT ALL NEW AND HISTORIC EXTERIOR WOOD COMPONENTS, INCLUDING TRIM, RAFTER TAILS, BRACKETS, LOUVERS, AND ROOF SOFFITS, TO MATCH EXISTING FINISH. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
09 03 91.B1	PREPARE AND PAINT ALL NEW AND HISTORIC INTERIOR WOOD COMPONENTS, INCLUDING TRIM, BEAMS, BRACKETS, CEILING PANELS, AND INTERIOR SURFACES OF LOUVERS, TO MATCH EXISTING FINISH. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.

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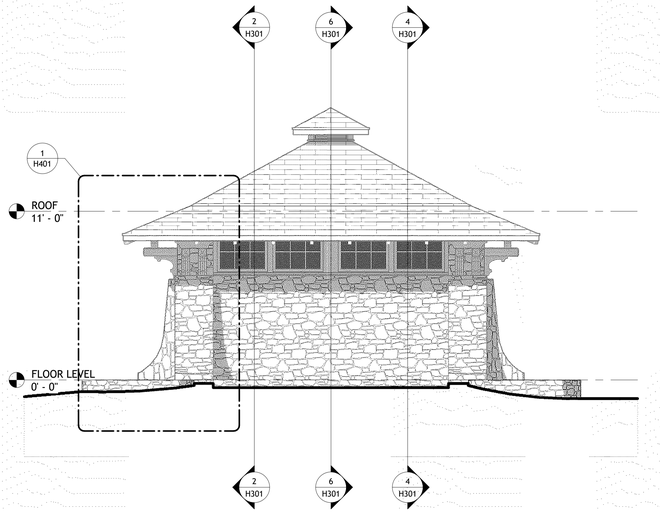
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REHABILITATION FLOOR PLANS

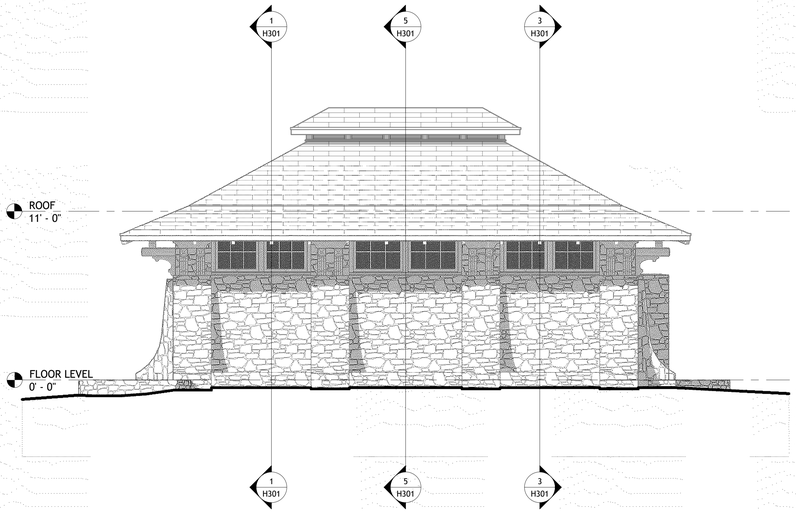
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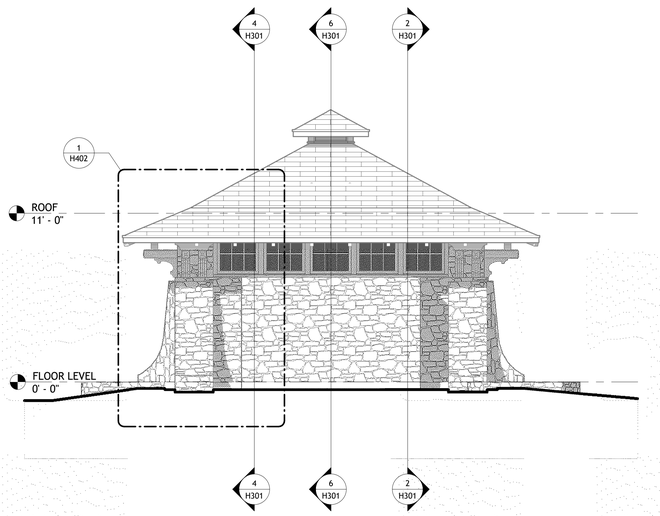
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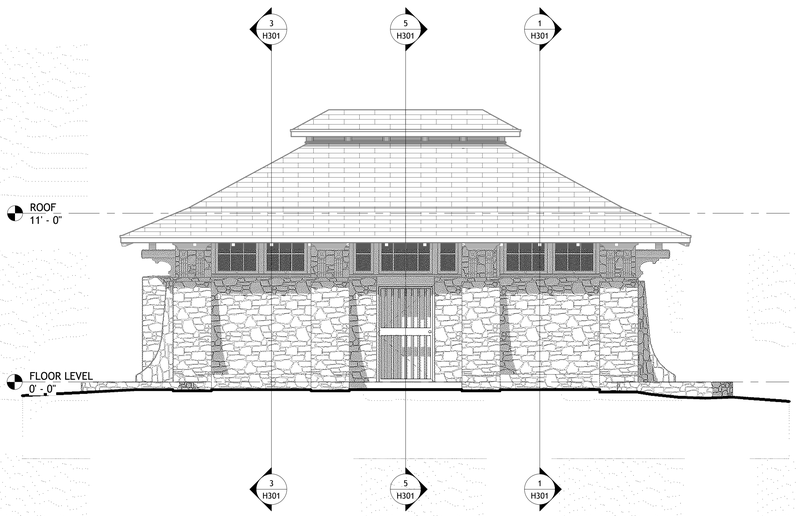
4 REHABILITATION EAST BUILDING ELEVATION
1/4" = 1'-0"



2 REHABILITATION NORTH BUILDING ELEVATION
1/4" = 1'-0"



3 REHABILITATION WEST BUILDING ELEVATION
1/4" = 1'-0"



1 REHABILITATION SOUTH BUILDING ELEVATION
1/4" = 1'-0"

HP GENERAL NOTES - ELEVATIONS

NUMBER	NOTES
1	ALL ELEMENTS OF THE FAÇADE ARE TO HAVE EXISTING SEALANTS REMOVED AND ARE TO BE RESEALED. THE PERIMETERS OF ALL HOSE BIBS, LIGHT FIXTURES, PIPES, VENTS, ELECTRICAL BOXES, AND OTHER EXTERIOR ENVELOPE PENETRATIONS SHALL BE SEALED.
2	DRAWINGS MAY NOT INDICATE ALL EXISTING CRACKS IN MASONRY. GENERAL CONTRACTOR TO BASE MASONRY REPAIR AND REPOINTING ESTIMATES UPON ACTUAL FIELD CONDITIONS. REFER TO SPECIFICATION SECTION 04 0342 - HISTORIC MASONRY REPAIR AND REPOINTING.
3	DUE TO VARIATION IN WEATHERING AND PATINA OF THE HISTORIC POINTING MORTAR, REPOINTING MAY REQUIRE MORE THAN ONE MORTAR COLOR SELECTION PER FAÇADE. MULTIPLE REPOINTING MORTAR COLORS MAY BE REQUIRED.
4	ALL BRICK MASONRY IS INTENDED TO RETAIN OR REVEAL ITS NATURAL AND UNPAINTED FINISH.
5	BACK PRIME ALL HISTORIC WOOD MATERIALS TEMPORARIALLY REMOVED PRIOR TO RE-INSTALLATION. PRIME AND PAINT ALL EXPOSED SURFACES OF HISTORIC WOOD MATERIALS AS INDICATED IN PAINT SCHEDULE.
6	BACK PRIME ALL NEW AND REPAIR WOOD MATERIALS ON ALL SIX SIDES PRIOR TO INSTALLATION. PRIME AND PAINT ALL EXPOSED SURFACES OF NEW AND REPAIR WOOD MATERIALS AS INDICATED IN PAINT SCHEDULE.
7	CAREFULLY EXTRACT INVASIVE VINES IMBEDDED IN GAPS BETWEEN WINDOW AND DOOR FRAMES AT MASONRY OPENINGS.
8	CLEAN BIOLOGICAL GROWTH AND ENVIRONMENTAL STAINS FROM MASONRY SURFACES USING GENTLEST MEANS POSSIBLE.
9	PATCH AND REPAIR HOLES FROM FORMER UTILITY CONNECTIONS WITH APPROPRIATE LIME-BASED PATCH MATERIALS.
10	REMOVE PREVIOUS INAPPROPRIATE PORTLAND CEMENT PATCHES AND REPAIRS. REPLACE WITH APPROPRIATE LIME-BASED MORTAR REPAIR MATERIALS.
11	REMOVE DETERIORATED MASONRY JOINTS AND REPOINT USING APPROPRIATE LIME-BASED MORTAR MATERIALS.
12	REINFORCE SEVERE THROUGH-WALL CRACKS WITH CONCEALED STAINLESS STEEL AND/OR CARBON FIBER DEVICES.
13	REPLACE SEVERELY DAMAGED MASONRY BLOCKS THAT CANNOT BE PATCH REPAIRED WITH NEW OR SALVAGED LIMESTONE WITH SIMILAR PHYSICAL AND AESTHETIC PROPRERTIES.
14	APPLY CONSOLIDANTS, SEALER, AND GRAFFITI-RESISTANT COATINGS AS REQUIRED TO AID IN PROTECTION OF OF MASONRY SURFACES FROM WEATHERING AND VANDALISM.
15	REFER TO WINDOW REHABILITATION SPECIFICATIONS AND WINDOW SCHEDULE FOR REHABILITATION WORK.
16	RESTORE ALL WINDOW COMPONENTS THAT ARE NOT TOO SEVERELY DETERIORATED, INCLUDING SASH RAILS, STILES, MUNTIN BARS, GLAZING COMPOUND AND GLASS.
17	REPLACE MISSING OR SEVERELY DAMAGED WINDOWS AND/OR WINDOW COMPONENTS TO MATCH DIMENSIONS, PROFILES, AND SPECIECS OF HISTORIC WINDOWS.
18	PROVIDE AND INSTALL NEW SECURITY GATES WITH OWNER'S PREFERRED LOCKING MECHANISM AND LOCKABLE TIEBACK SYSTEM TO SECURE GATE IN THE OPEN POSITION DURING PUBLIC OPERATIONS HOURS.

HISTORIC REHABILITATION KEYNOTES

KEYNOTE NUMBER	KEYNOTE

BRACKENRIDGE PARK

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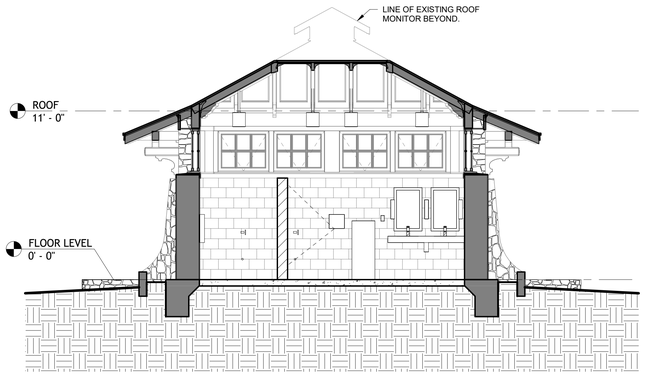
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REHABILITATION BUILDING ELEVATIONS

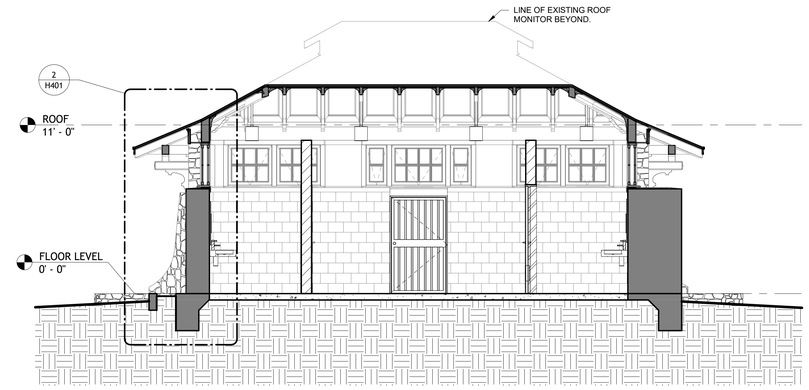
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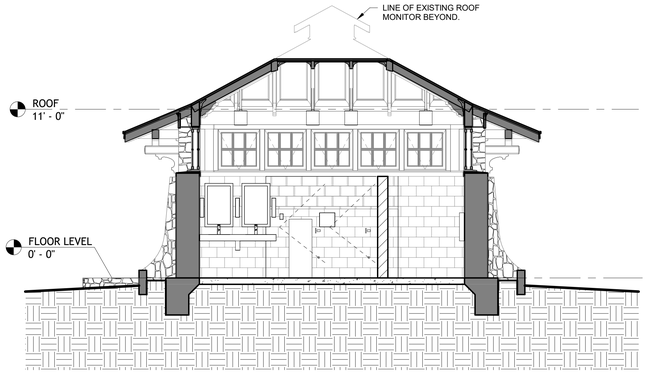
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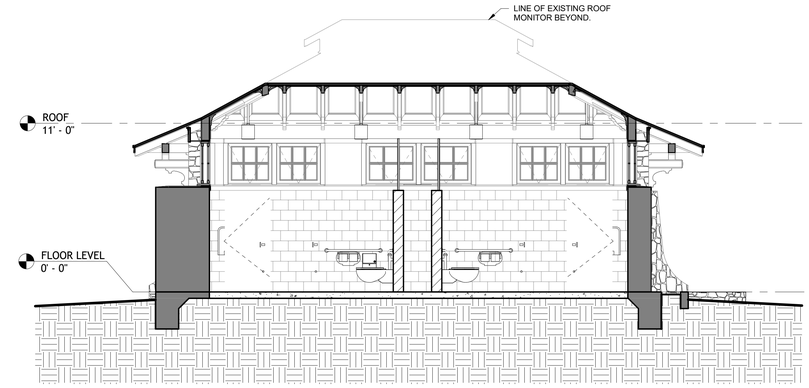
1 TRANSVERSE BUILDING SECTION LOOKING EAST
1/4" = 1'-0"



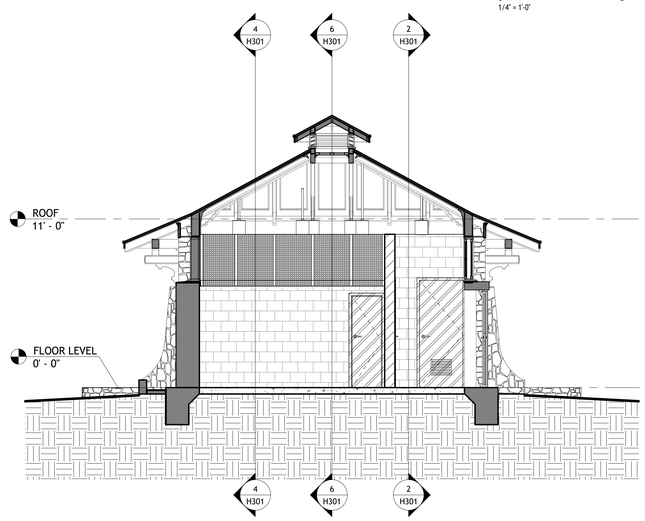
2 LONGITUDINAL BUILDING SECTION LOOKING SOUTH
1/4" = 1'-0"



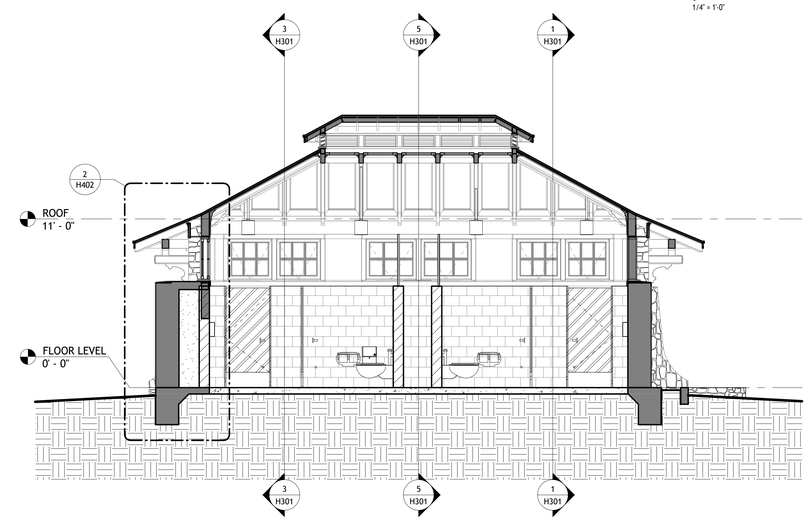
3 TRANSVERSE BUILDING SECTION LOOKING WEST
1/4" = 1'-0"



4 LONGITUDINAL BUILDING SECTION LOOKING NORTH
1/4" = 1'-0"



5 TRANSVERSE BUILDING SECTION
1/4" = 1'-0"



6 LONGITUDINAL BUILDING SECTION
1/4" = 1'-0"

HP GENERAL NOTES - SECTIONS & DETAILS

NUMBER	DESCRIPTION
1	REFER TO SHEET A0.00 FOR GRAPHIC SYMBOLS AND LIST OF ABBREVIATIONS.
2	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
3	REFER TO HISTORIC PRESERVATION SPECIFICATIONS FOR SPECIFIC PRODUCTS, TREATMENT PROCEDURES, MOCK-UPS, AND QUALITY CONTROL REQUIREMENTS FOR HISTORIC REHABILITATION WORK.
4	REFER TO ARCHITECTS, LANDSCAPE ARCHITECTS, AND CONSULTING ENGINEERS' DRAWINGS AND SPECIFICATIONS FOR THE FULL SCOPE OF WORK TO BE COORDINATED BY THE GENERAL CONTRACTOR WITH THE HISTORIC REHABILITATION WORK.
5	REFER TO "D" AND "HD" DRAWING SHEETS AND SPECIFICATION SECTION 02 4296 - HISTORIC REMOVAL AND DISMANTLING FOR SALVAGED HISTORIC MATERIALS AND FEATURES TO BE REHABILITATED OR REPLICATED IN-KIND FOR INCORPORATION INTO NEW WORK.
6	THESE DRAWINGS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK. THE GENERAL CONTRACTOR SHALL INFORM THE HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN OR SIGNIFICANT DEVIATIONS FROM THE GENERAL REPRESENTATION OF THE EXISTING CONDITIONS THAT MAY IMPACT THE WORK.
7	REASONABLE ASSUMPTIONS AND/OR OBSERVATIONS OF EXISTING MATERIALS, FEATURES, AND STRUCTURAL ELEMENTS DURING THE HISTORIC PRESERVATION ARCHITECT'S PRELIMINARY CONDITION ASSESSMENT WORK APPEAR IN SECTIONS AND DETAILS IN GRAY TO PROVIDE GENERAL CONTEXT FOR NEW WORK. THESE ASSUMPTIONS SHALL BE CONFIRMED BY THE GENERAL CONTRACTOR AND SUB-CONTRACTORS PRIOR TO BEGINNING WORK.
8	NOT ALL KEYNOTES APPEAR IN EACH DRAWING SHEET. REFER TO INDIVIDUAL SHEET FOR SPECIFICATIONS NOTES.
9	ALL DIMENSIONS OF EXISTING CONDITIONS SHALL BE TAKEN FROM FACE OF FINISHED WALL UNLESS NOTED ON PLANS AND DETAILS.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR DISMANTLING PROCEDURES OR EXECUTION OF NEW WORK. PROTECT ALL ELEMENTS, HISTORIC OR OTHERWISE, DURING ALL PHASES OF CONSTRUCTION OPERATIONS. SECURE THE SITE AND BUILDING FROM INTRUSION OR VANDALISM WHEN ACTIVE CONSTRUCTION OPERATIONS CEASE. TAKE NECESSARY PRECAUSTIONS TO SAFEGUARD THE HEALTH, SAFETY, AND WELL-BEING OF THE KEYSTONE SCHOOL'S STUDENTS, FACULTY, AND STAFF WHEN SCHOOL IS IN SESSION OR DURING AFTER-HOURS EVENTS.
11	REFER TO SPECIFICATION SECTION 01 7329 - CUTTING AND PATCHING FOR SPECIAL PRECAUTIONS AND REQUIREMENTS. PROTECT ALL EXISTING MATERIAL, FEATURES, AND STRUCTURE, HISTORIC OR OTHERWISE, TO REMAINWHERE NEW WORK IS TO OCCUR. PATCH AND REPAIR ANY DAMAGE RESULTING FROM DEMOLITION, SELECTIVE DISMANTLING, OR NEW WORK. MATCH ADJACENT FINISHES AND COLORS.
12	GENERAL CONTRACTOR TO INSTITUTE AND ENFORCE ROBUST FIRE PROTECTION AND FIRE WATCH PROTOCOLS AS PART OF A COMPREHENSIVE JOBSITE SAFETY PROGRAM TO ENSURE WORKER SAFETY AND PROTECTION OF THE HISTORIC WOOD-FRAMED BUILDING AND SURROUNDING SCHOOL PROPERTY.

HISTORIC REHABILITATION KEYNOTES

KEYNOTE NUMBER	KEYNOTE

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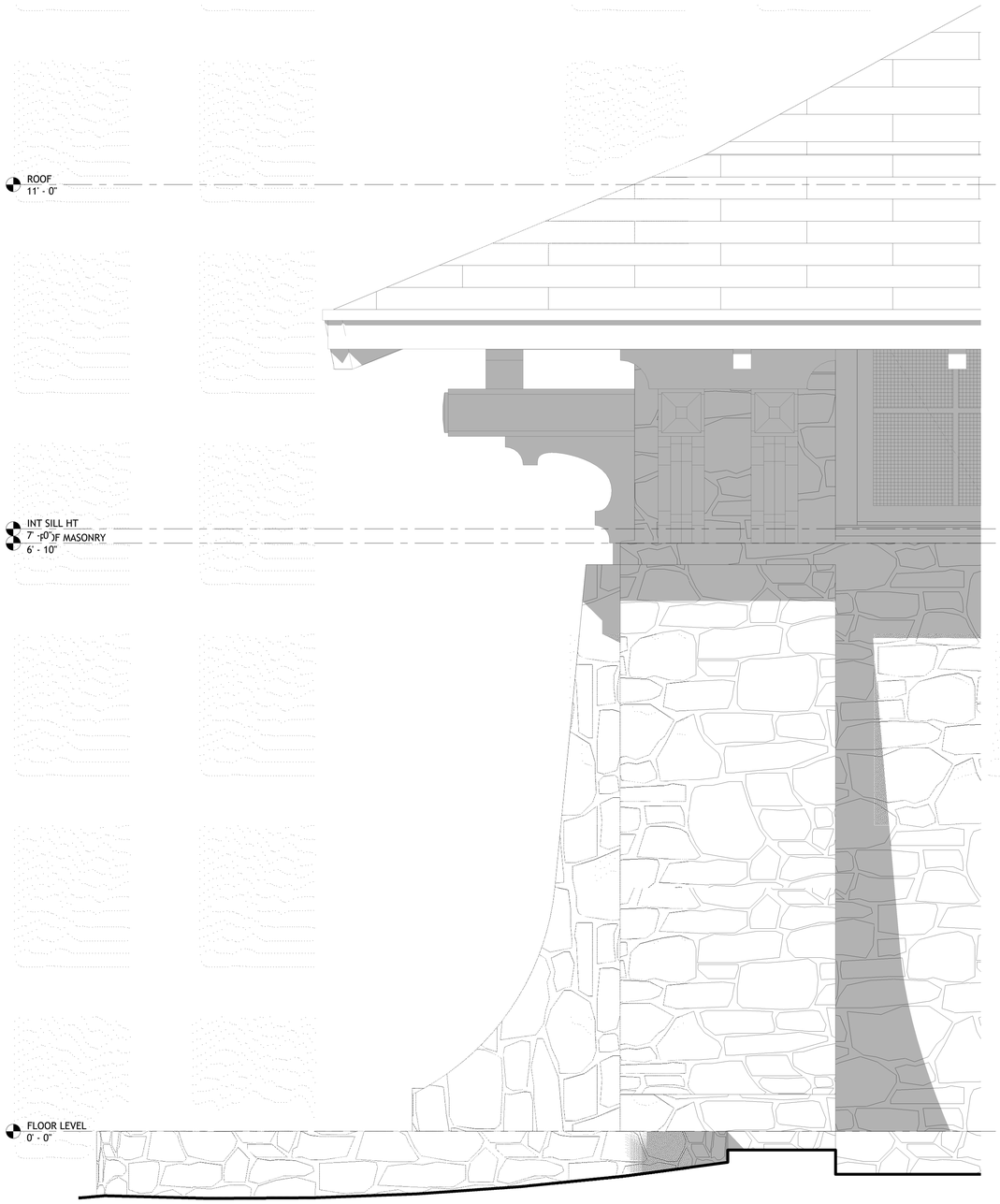
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REHABILITATION BUILDING SECTIONS

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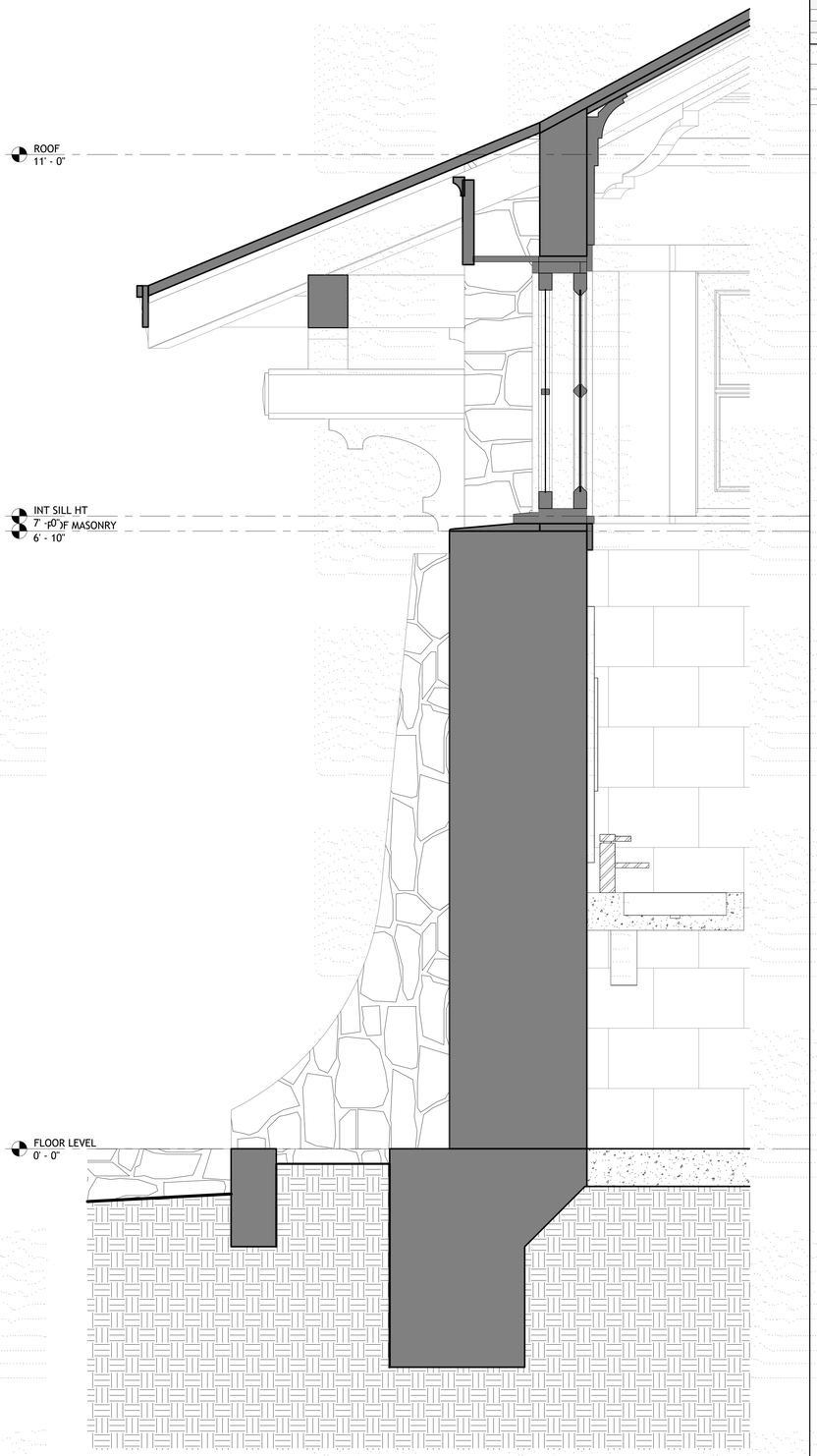
H301

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1 EXTERIOR ELEVATION DETAIL 1
1 1/2" = 1'-0"

0 4" 8" 1'-3"
0 2"
1 1/2" = 1'-0"



2 EXTERIOR WALL SECTION 1
1 1/2" = 1'-0"

0 4" 8" 1'-3"
0 2"
1 1/2" = 1'-0"

GENERAL NOTES - DETAILS

NUMBER	NOTE
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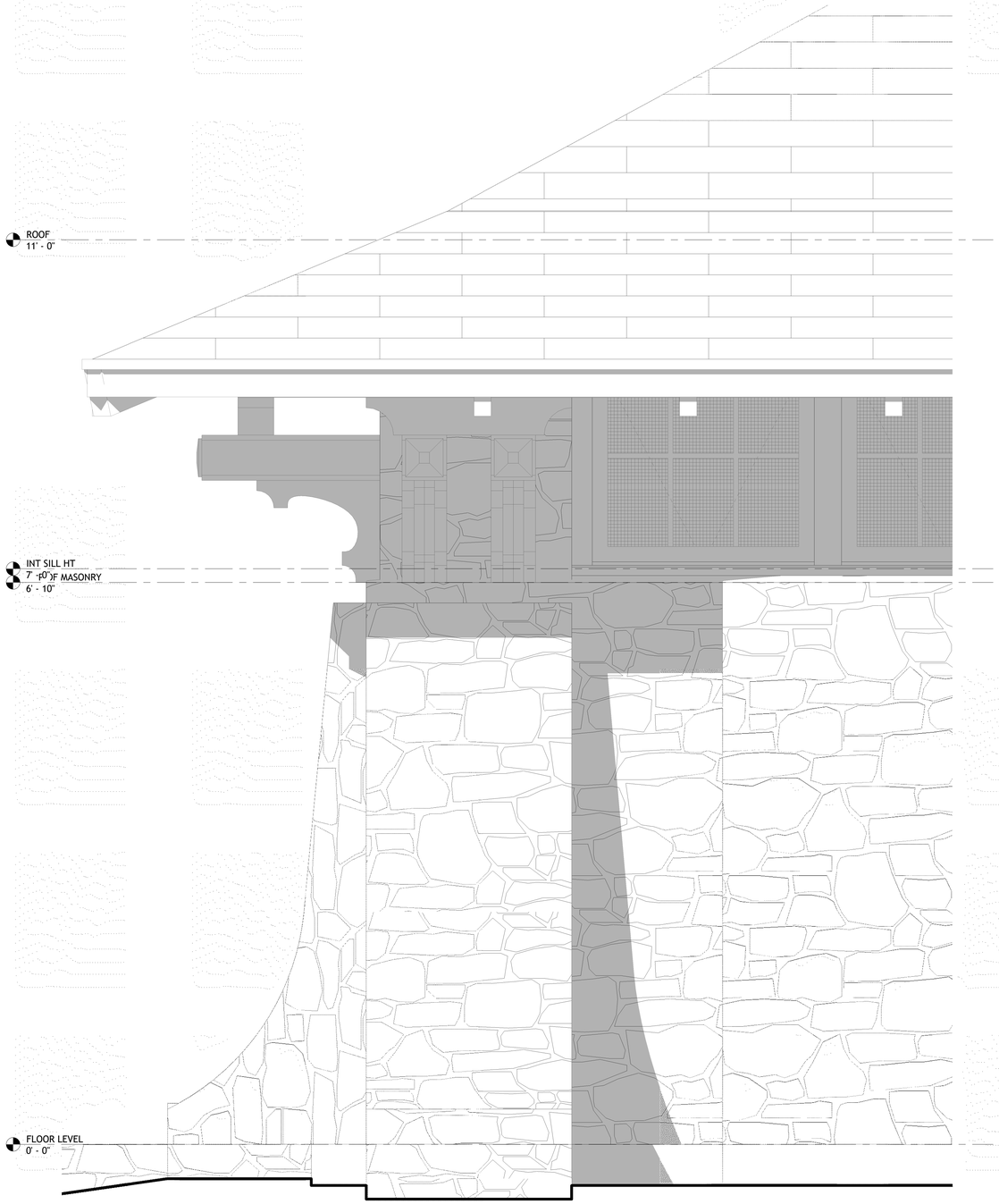
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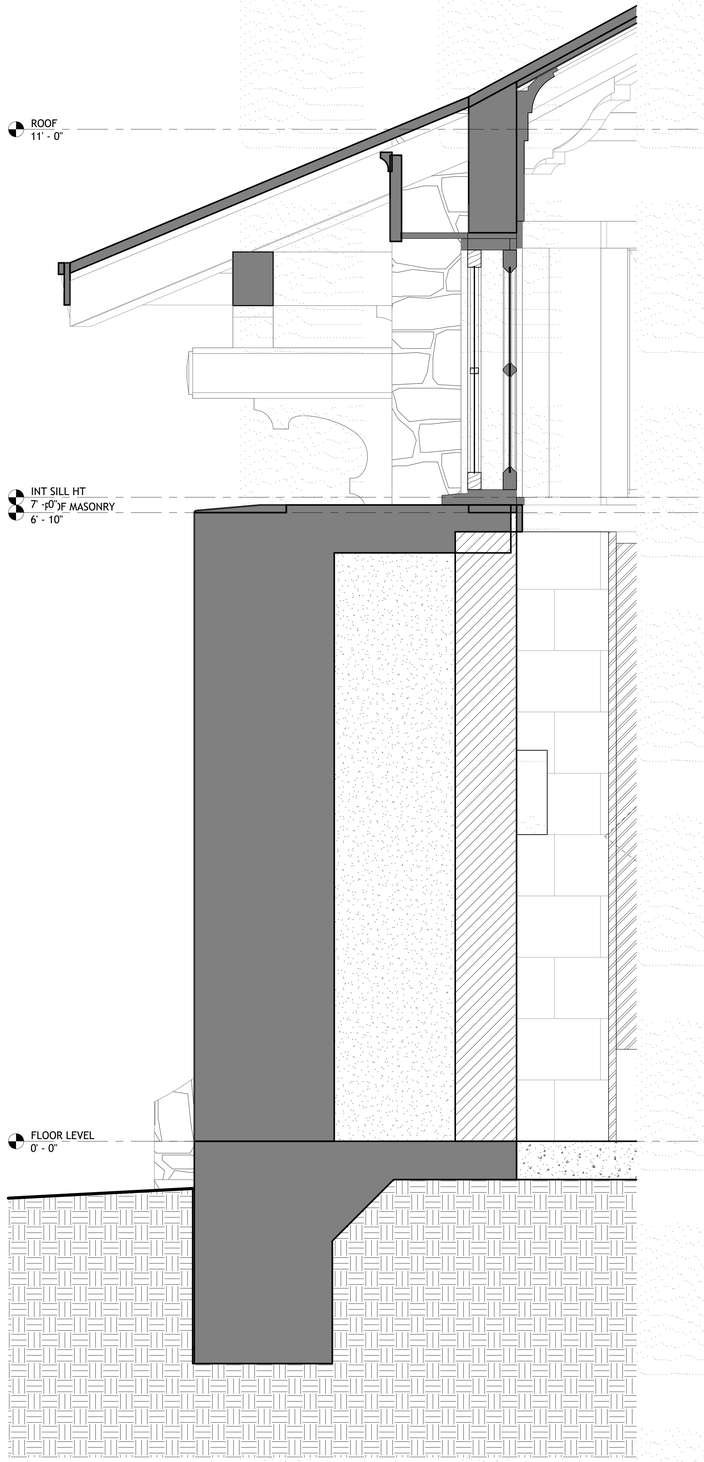
H401

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1 EXTERIOR ELEVATION DETAIL 2
1 1/2" = 1'-0"

0 4" 8" 1'-3"
0 2"
1 1/2" = 1'-0"



2 EXTERIOR WALL SECTION 2
1 1/2" = 1'-0"

0 4" 8" 1'-3"
0 2"
1 1/2" = 1'-0"

GENERAL NOTES - DETAILS

NUMBER	NOTE
1	
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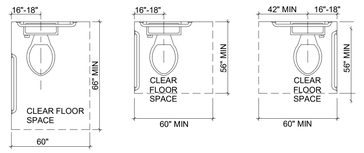
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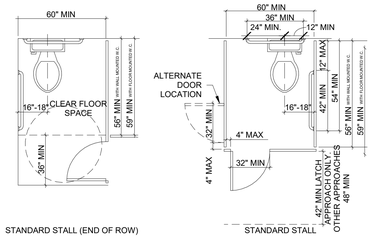
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TOILET STALLS



CLEAR FLOOR SPACE AT WATER CLOSETS



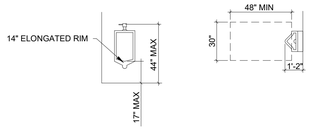
STANDARD STALL (END OF ROW) STANDARD STALL

TOE CLEARANE AT THE FRONT PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 62" DEEP WITH A WALL-HUNG WATER CLOSET. TOE CLEARANCE AT THE SIDE PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 66" WIDE.

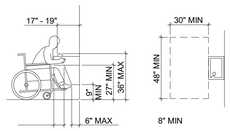
CLEARANCES INDICATED ARE MINIMUM REQUIREMENTS FOR ACCESSIBILITY. REFER TO TOILET ROOMS AND LAVATORY DETAILS FOR MOUNTING HEIGHTS.

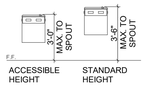
NOTE: FLOOR PLANS MAY BE FLIPPED AND ROTATED FOR SIMILAR CONDITIONS.

URINALS

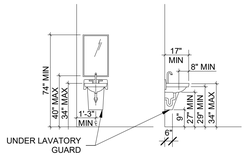


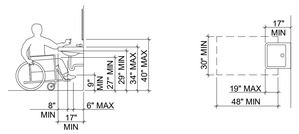
DRINKING FOUNTAINS



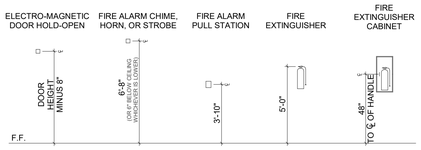


LAVATORIES & MIRRORS



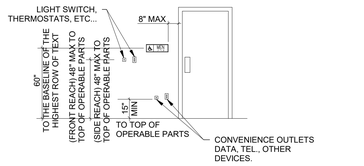


SAFETY DEVICES

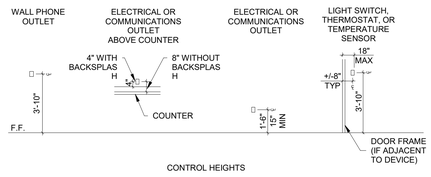


SIGNAGE CONTROLS AND OPERATING MECHANISMS

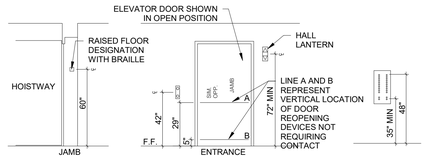




HEIGHT OF OBSTRUCTION SHALL BE 34" MAX FOR A HIGH SIDE REACH TO AN ELEMENT WHEN OVER THE OBSTRUCTION IN A PARALLEL APPROACH. HIGH SIDE REACH SHALL BE 48" MAX FOR A REACH DEPTH OF 10" MAX. IF EXCEEDS 10", HIGH SIDE REACH TO BE 46" MAX FOR A REACH DEPTH OF 24" MAX.



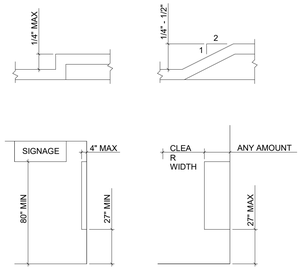
CONTROL HEIGHTS



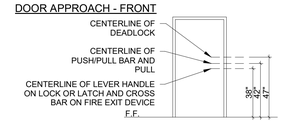
ELEVATOR ENTRANCE AND HOISTWAY

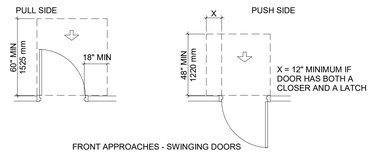
ELEVATOR CAR CONTROL PANEL

WALL PROJECTIONS



DOOR APPROACH - FRONT

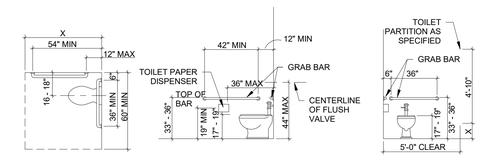


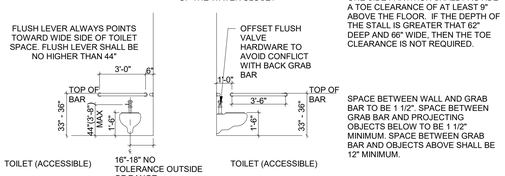


FRONT APPROACHES - SWINGING DOORS

NOTE: ALL DOORS IN ALCOVES SHALL COMPLY WITH THE CLEARANCE FOR FRONT APPROACHES

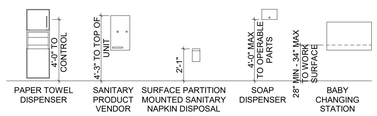
GRAB BARS

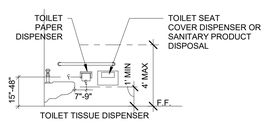




TOILET (ACCESSIBLE) TOILET (ACCESSIBLE)

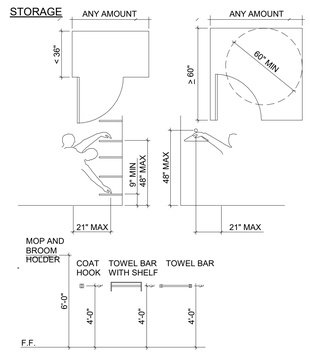
TOILET ACCESSORIES





CENTERLINE OF THE TOILET TISSUE DISPENSER SHALL BE BETWEEN 7"-9" OF THE FRONT EDGE OF THE TOILET

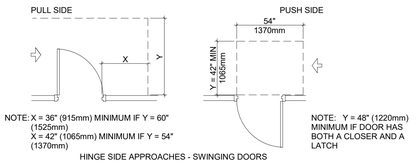
STORAGE



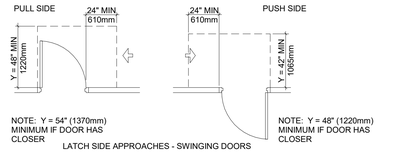
GENERAL NOTES

DIMENSIONS SHOWN ON THIS SHEET ARE TYPICAL AND SHALL BE USED UNLESS SHOWN OTHERWISE IN THE CONTRACT DOCUMENTS. REQUEST CLARIFICATION FROM ARCHITECT PRIOR TO PROCEEDING FOR ANY DISCREPANCIES.

DOOR APPROACH - SIDE



HINGE SIDE APPROACHES - SWINGING DOORS



LATCH SIDE APPROACHES - SWINGING DOORS

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Revisions

Date
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Phase
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Job Number
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Scale North

Drawing Title

ADA

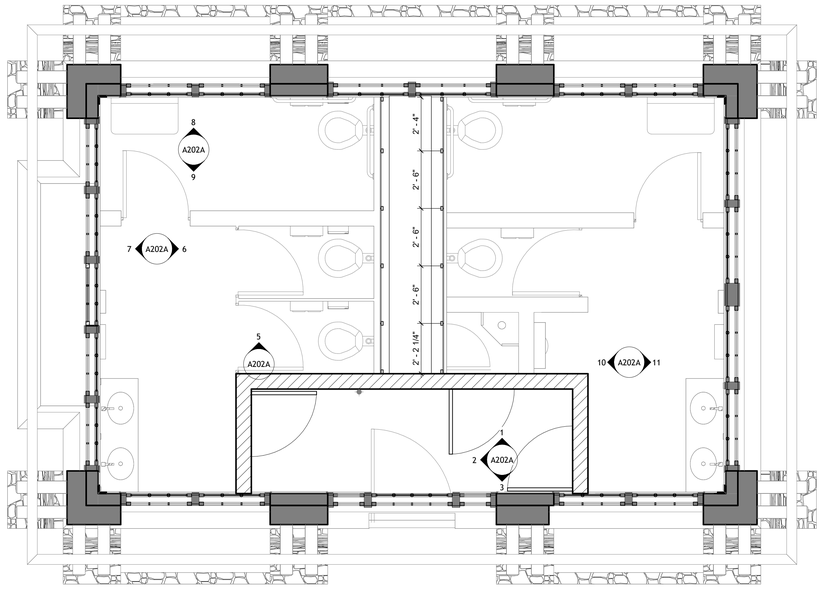
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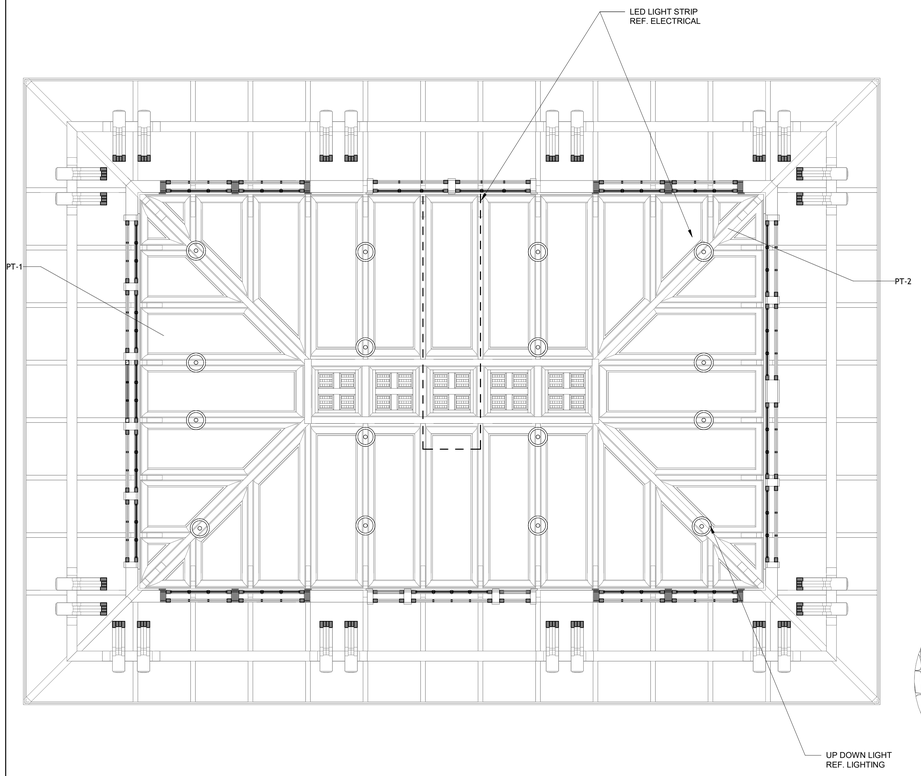
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INTERIOR DOOR & ACCESS PANEL SCHEDULE

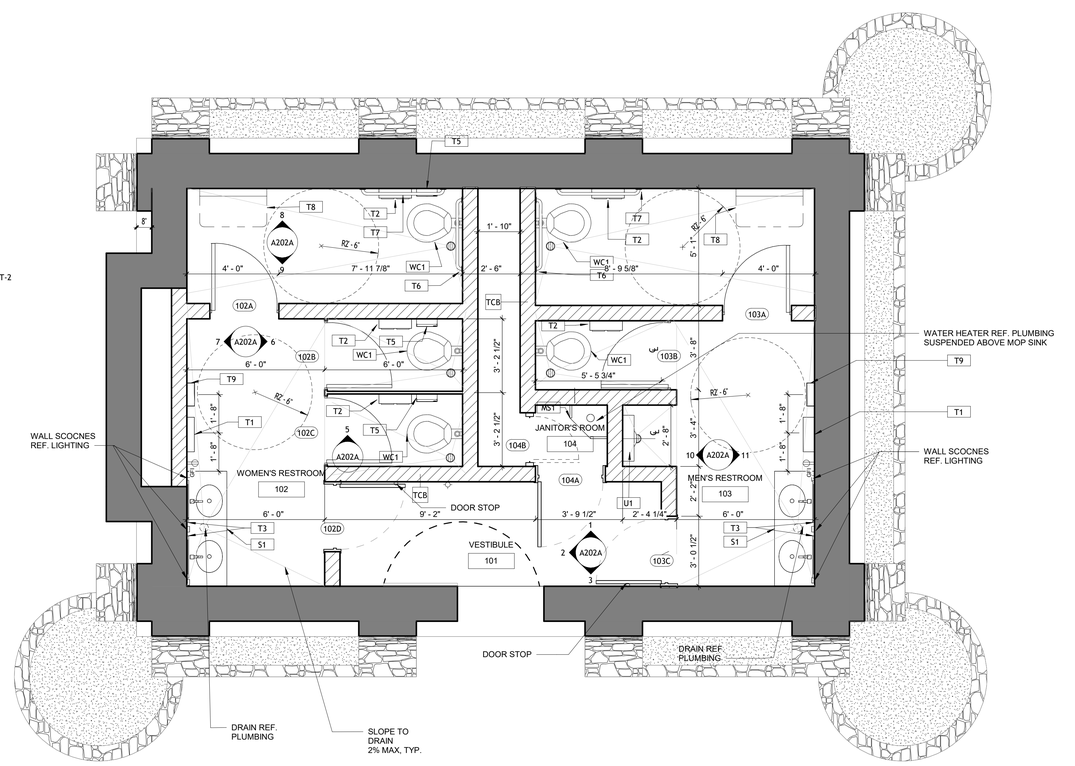
MARK	DOOR PANEL WIDTH	DOOR PANEL HEIGHT	PHASE	COMMENT
102A	2' - 10"	6' - 7 1/2"	New Construction	STAINLESS STEEL STALL DOOR
102B	2' - 10"	6' - 7 1/2"	New Construction	STAINLESS STEEL STALL DOOR
102C	2' - 10"	6' - 7 1/2"	New Construction	STAINLESS STEEL STALL DOOR
102D	2' - 10"	7' - 0"	New Construction	HOLLOW METAL FLUSH DOOR WITH LOWER LOUVER
103A	2' - 10"	6' - 7 1/2"	New Construction	STAINLESS STEEL STALL DOOR
103B	2' - 10"	6' - 7 1/2"	New Construction	STAINLESS STEEL STALL DOOR
103C	2' - 10"	7' - 0"	New Construction	HOLLOW METAL FLUSH DOOR WITH LOWER LOUVER
104A	2' - 10"	7' - 0"	New Construction	HOLLOW METAL FLUSH DOOR WITH LOWER LOUVER
104B	2' - 0"	6' - 0"	New Construction	CHASE ACCESS PANEL



2 INTERIOR CLERESTORY FLOOR PLAN PAVILION B
3/8" = 1'-0"



3 INTERIOR REFLECTED CEILING PLAN PAVILION B
3/8" = 1'-0"



1 INTERIOR FLOOR PLAN PAVILION B
3/8" = 1'-0"

GENERAL NOTES - INTERIORS

NUMBER	NOTE
1	ADA REFERENCE SHEET NUMBER A002

INTERIOR FIXTURES

TAG	NOTE
T1	WASTE RECEPTACLE SEMI-RECESSED
T2	TOILET TISSUE DISPENSER SURFACE MOUNTED
T3	STAINLESS STEEL-FRAMED WINDOW, FRAME MOUNTED ON WALL
T4	SHELF SURFACE MOUNTED
T5	FEMININE NAPKIN DISPOSAL SURFACE MOUNTED
T6	GRAB BAR 36" SAFETY GRIP
T7	GRAB BAR 42" SAFETY GRIP
T8	BABY CHANGING STATION SURFACE MOUNTED
T9	WALL-RECESSED HAND DRYER WITH STAINLESS STEEL-EDGED RECESS
WC1	TOILET
U1	URINAL
S1	CONCRETE SINK
MS1	MOP SINK

INTERIOR FINISH AND PARTITION TYPES

TAG	NOTE
MTL-1	STAINLESS STEEL
MTL-2	PERFORATED METAL PANEL
CONC-1	POLISHED FINISH CONCRETE FLOOR
PT-1	WALL AND CEILING PAINT
PT-2	PAINT FOR INTERIOR RAFTERS AND ALL INTERIOR ARCHITECTURAL WOOD ELEMENTS
TL-1	TERRACOTTA BLOCK OR TILE
TCB	8" TERRACOTTA BLOCK WALL

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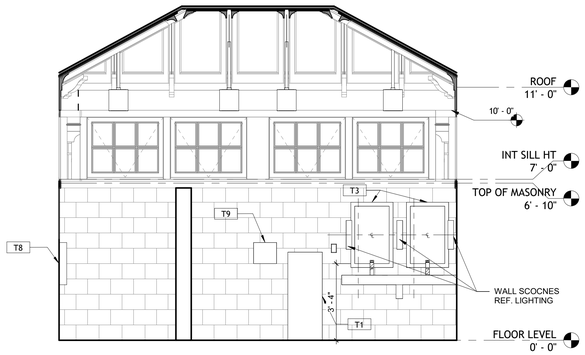
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ADD-ALTERNATE
INTERIOR PLANS
PAVILION B

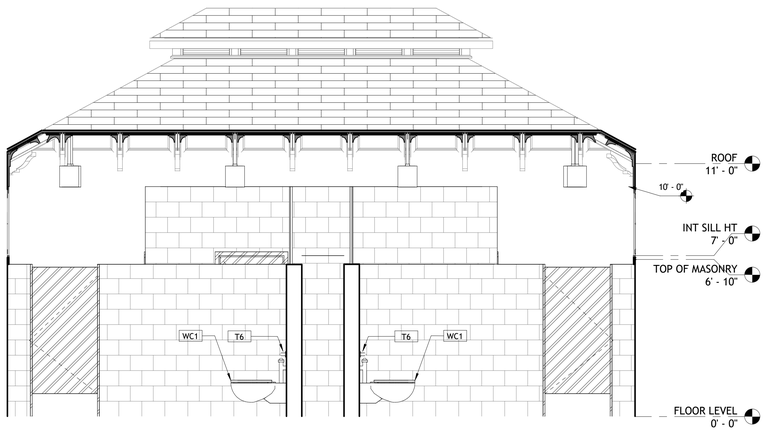
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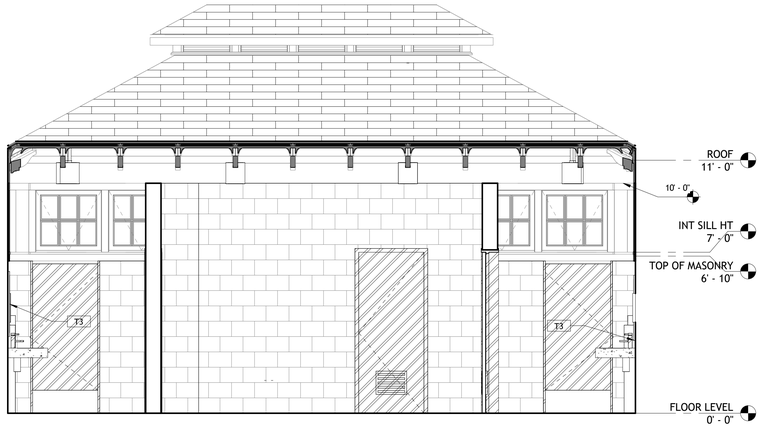
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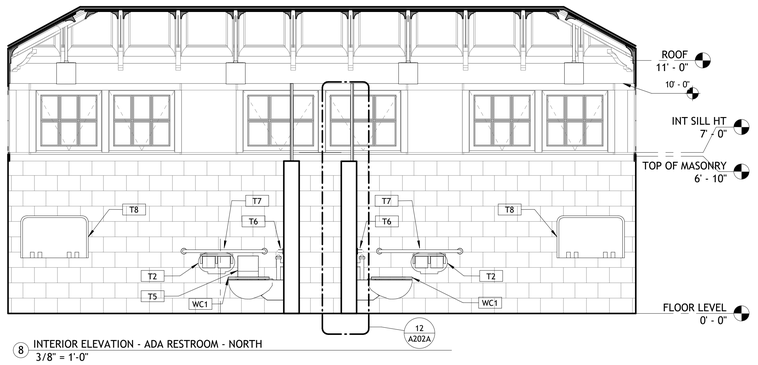


11 INTERIOR ELEVATION - MEN'S RESTROOM - EAST
3/8" = 1'-0"

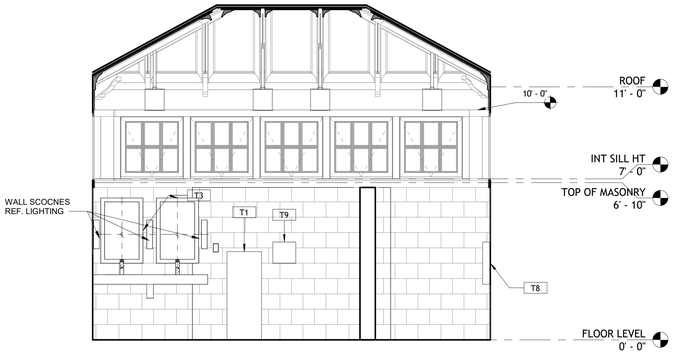




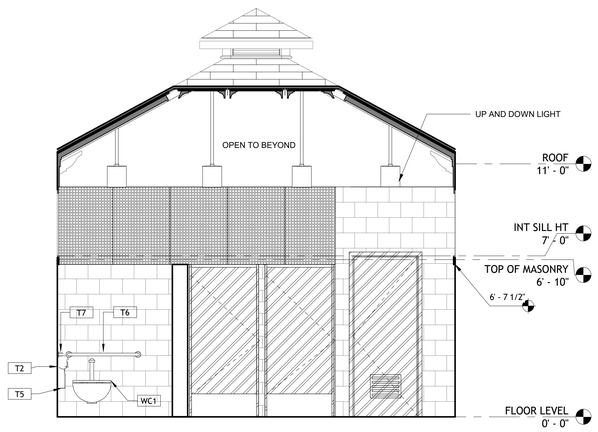
1 INTERIOR ELEVATION - ENTRANCE - NORTH
3/8" = 1'-0"



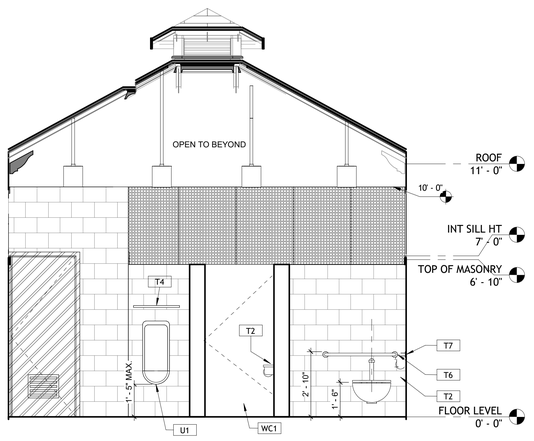
8 INTERIOR ELEVATION - ADA RESTROOM - NORTH
3/8" = 1'-0"



7 INTERIOR ELEVATION - WOMEN'S RESTROOM - WEST
3/8" = 1'-0"



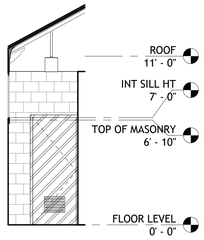
6 INTERIOR ELEVATION - WOMEN'S RESTROOM - EAST
3/8" = 1'-0"



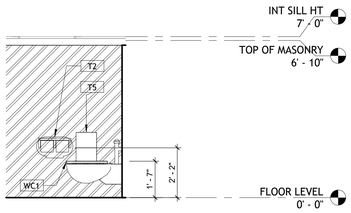
10 INTERIOR ELEVATION - MEN'S RESTROOM - WEST
3/8" = 1'-0"



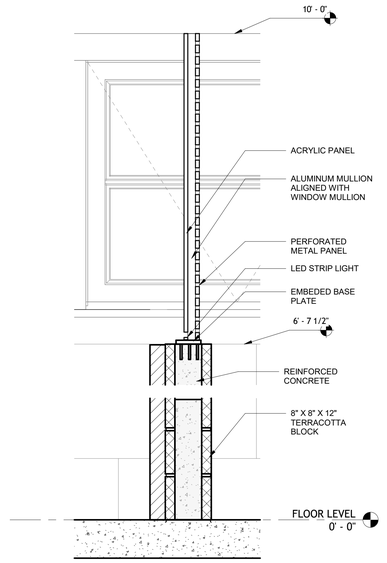
3 INTERIOR ELEVATION - ENTRANCE - SOUTH
1/4" = 1'-0"



2 INTERIOR ELEVATION - ENTRANCE - WEST
1/4" = 1'-0"



5 INTERIOR ELEVATION - RESTROOM STALL - NORTH
3/8" = 1'-0"



12 INTERIOR TERRACOTTA BLOCK WALL DETAIL SECTION
1 1/2" = 1'-0"

GENERAL NOTES - INTERIORS

NUMBER	NOTE
1	ADA REFERENCE SHEET NUMBER A002

INTERIOR FIXTURES

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MS1	MOP SINK

INTERIOR FINISH AND PARTITION TYPES

TAG	NOTE
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MTL-2	PERFORATED METAL PANEL
CONC-1	POLISHED FINISH CONCRETE FLOOR
PT-1	WALL AND CEILING PAINT
PT-2	PAINT FOR INTERIOR RAFTERS AND ALL INTERIOR ARCHITECTURAL WOOD ELEMENTS
TL-1	TERRACOTTA BLOCK OR TILE
TCB	8" TERRACOTTA BLOCK WALL

LEGEND

TL-1
8 X 12 TERRACOTTA BLOCK OR TILE

MTL-2
PERFORATED METAL PANEL

MTL-1
STAINLESS STEEL

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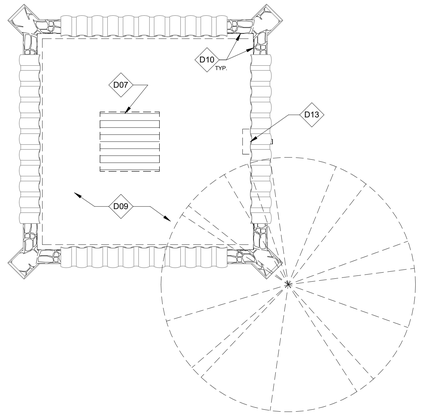
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ADD-ALTERNATE
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PAVILION B

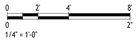
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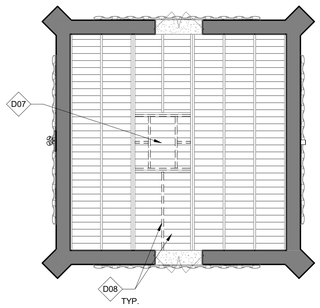
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3 EXISTING ROOF PLAN
1/4" = 1'-0"



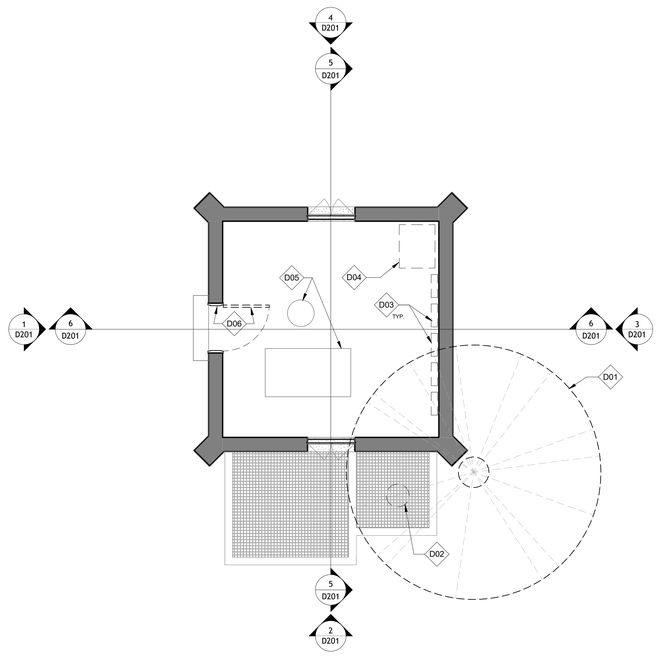




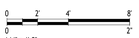
2 EXISTING REFLECTED CEILING PLAN
1/4" = 1'-0"







1 EXISTING FLOOR PLAN
1/4" = 1'-0"





HP GENERAL NOTES - DEMOLITION

NUMBER	NOTES
1	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
2	REFER TO SPECIFICATION SECTION 024296 FOR HISTORIC REMOVAL AND DISMANTLING REQUIREMENTS.
3	REFER TO CIVIL, LANDSCAPE ARCHITECT, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR SITE WORK.
4	REFER TO STRUCTURAL AND ARCHITECTURAL DEMOLITION DRAWINGS FOR INTERIOR SELECTIVE DEMOLITION WORK REQUIRED.
5	REFER TO ARCHITECTURAL AND HISTORIC PRESERVATION DRAWINGS AND SPECIFICATIONS FOR REPLACEMENT WORK.
6	REFER TO HAZARDOUS MATERIALS SURVEYS AND REPORTS PRIOR TO COMMENCING WORK.
7	NO SELECTIVE DEMOLITION OR REPAIRS WORK IS TO COMMENCE UNTIL ALL HAZARDOUS MATERIAL ABATEMENT WORK IS COMPLETED.
8	VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED OR CAPPED. REFER TO CIVIL AND MEP DRAWINGS AND SPECIFICATIONS.
9	THESE DRAWING SHEETS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR REMOVAL OF ASSEMBLY PROCEDURES. PROTECT ALL ELEMENTS IDENTIFIED TO REMAIN DURING ALL CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY WEATHER TIGHT ENCLOSURES TO SEAL OFF ANY ROOF OR WALL OPENINGS UPON REMOVAL OF EXISTING ROOFING, FLASHING, CAPS, ETC.
11	THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS DURING DEMOLITION SO AS TO NOT DAMAGE ADJACENT FINISHES, MATERIALS, AND FEATURES REQUIRED TO REMAIN IN SERVICE OR BE INCORPORATED INTO THE WORK.
12	THE CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE TO THE BUILDING STRUCTURE. NOTIFY THE STRUCTURAL ENGINEER IMMEDIATELY OF ANY STRUCTURAL CONCERNS.
13	THE CONTRACTOR SHALL REVIEW ALL TEMPORARY SHORING, BRACING, SCAFFOLDING, JOBSITE SAFETY DEVICES, AND CONSTRUCTION CENTERING THAT MAY IMPACT HISTORIC MATERIALS AND FEATURES OF THE BUILDING WITH ARCHITECT, HISTORIC ARCHITECT, AND STRUCTURAL ENGINEER.
14	BRACE ALL STRUCTURAL ELEMENTS OR STRUCTURES AS NECESSARY DURING DEMOLITION. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER
15	THE CONTRACTOR SHALL PROTECT AND PROPERLY STORE ALL BUILDING MATERIALS AND FEATURES IDENTIFIED FOR TEMPORARY REMOVAL, SALVAGE, AND RE-INSTALLATION INTO THE WORK.
16	DEMOLITION OPERATIONS MAY REVEAL PREVIOUSLY UNKNOWN ARCHITECTURAL, STRUCTURAL, OR SUBGRADE CONDITIONS. UNFORSEEN HISTORIC MATERIALS,DETAILS, OR FEATURES MAY SURFACE DURING DEMOLITION OR SELECTIVE REMOVAL PROCEDURES. PROTECT THE HISTORIC MATERIAL AND NOTIFIY HISTORIC ARCHITECT FOR FURTHER INSTRUCTIONS.
17	ANY DAMAGE DONE BY THE CONTRACTOR OR THEIR SUBCONTRACTORS TO HISTORIC MATERIALS OR FEATURES DESIGNATED AS EXISTING TO REMAIN OR SALVAGED FOR REUSE DURING A DEMOLITION OR SELCTIVE REMOVAL PROCEDURE SHALL BE REPAIRED OR RESTORED TO RETURN THE MATERIALS OR FEATURES TO THEIR CONDITION PRIOR TO COMMENCEMENT OF THE PROCEDURE. SUCH REPAIR OR RESTORATION WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
18	REMOVE AND DEMOLISH EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE AND TRUE TO DIMENSION REQUIRED. USE METHODS LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION OR CONSTRUCTION TO REMAIN.
19	RESTORE EXPOSED FINISHED OR PATCHED AREAS AND EXTEND RESTORED FINISH AREA INTO ADJOINING CONSTRUCTION TO REMAIN IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING, REPAIRING AND REFINISHING.
20	PATCH AND REPAIR FLOOR, WALL, AND CEILING SURFACES WHERE DEMOLITION OCCURS. PROVIDE FLUSH AND EVEN SURFACES OF UNIFORM COLOR, TEXTURE, AND APPEARANCE. CLOSELY MATCH TEXTURE AND FINISH OF EXISTING ADJACENT SURFACES.
21	ALL SALVAGED SOUND MATERIALS, ORNAMENTAL WOODWORK, MASONRY MATERIALS, AND OTHER CHARACTER-DEFINING FEATURES REMAIN THE PROPERTY OF THE OWNER.
22	LABEL, SORT, STORE, AND PROTECT ALL SALVAGED SOUND MATERIALS, DECORATIVE WOOD COLUMNS, ORNAMENTAL WOODWORK, AND OTHER CHARACTER-DEFINING FEATURES FOR REHABILITATION AND REINSTALLATION, OR USE IN REPLICATING NEW REPLACEMENT FEATURES.
23	COORDINATE WITH THE CITY OF SAN ANTONIO'S OFFICE OF HISTORIC PRESERVATION'S HISTORIC MATERIALS SALVAGE PROGRAM FOR DONATION AND DELIVERY OF UNUSED SALVAGE MATERIAL AT THE CONCLUSION OF THE PROJECT.
24	REMOVE ALL EXISTING LIGHT FIXTURES, CONDUITS, WIRES, METER BOXES, CIRCUIT PANELS, ELECTRICAL UTILITY DROPS, WEATHERHEADS, GAS METERS, AND ABANDONED ELEMENTS NOT OTEHRWISE INDICATED TO BE INCORPORATED IN NEW WORK.
25	REMOVE ALL STRUCTURAL AND ARCHITECTURAL WOOD ELEMENTS DETERIORATED BEYOND REASONABLE REHABILITATION TREATMENT METHODS FOR REPLACEMENT WITH IN-KIND MATERIALS TO MATCH SIZES AND PROFILES. NOTIFY HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN CONDITIONS REVEALED THROUGH THE SELECTIVE DISASSEMBLY PROCESS REQUIRING CONDITION ASSESSMENT AND DETERMINATION OF APPROPRIATE TREATMENT METHODS.

DEMOLITION KEYNOTES

KEYNOTE VALUE	KEYNOTE TEXT
D01	REMOVE TREE IN CLOSE PROXIMITY TO HISTORIC STRUCTURE'S FOUNDATION. TAKE PROPER PRECAUTIONS WHEN EXCAVATING AND EXTRACTING ROOT STRUCTURES TO AVOID DAMAGING OR UNDERMINING FOUNDATION. REFER TO STRUCTURAL AND LANDSCAPE ARCHITECT DEMOLITION DRAWINGS AND SPECIFICATIONS.
D02	DEMOLISH METAL TANK AND ALL ASSOCIATED PIPING. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D03	DEMOLISH ALL SURFACE-MOUNTED CONDUITS, PANELS, AND FIXTURES, TYPICAL. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D04	DEMOLISH ALL ELECTRICAL DEVICES, PUMPING EQUIPMENT, AND METAL EQUIPMENT RACKS, TYPICAL. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D05	DEMOLISH PUMPING EQUIPMENT AND DEVICES EMBEDDED IN EXISTING CONCRETE FOUNDATION. MINIMIZE DAMAGE TO CONCRETE FOUNDATION AND PREPARE FOR PATCHING AND REPAIR. REFER TO STRUCTURAL DEMOLITION DRAWINGS AND SPECIFICATIONS.
D06	DEMOLISH EXISTING HOLLOW METAL DOOR AND FRAME.
D07	DEMOLISH DETERIORATED ROOF HATCH.
D08	DEMOLISH DETERIORATED, WOOD, ROOF FRAMING. RETAIN SOUND MATERIAL FOR REHABILITATION.
D09	DEMOLISH EXISTING ROOFING SYSTEM, CANT STRIPS, UNDERLAYMENT, SCUPPER, AND ASSOCIATED FLASHINGS. REMOVE DETERIORATED WOOD PLANK ROOF DECKING. RETAIN SOUND DECKING MATERIAL FOR REHABILITAITON. REFER TO SPECIFICATION SECTION 07 59 50.
D10	REMOVE DETERIORATED PARGING MATERIAL FROM INTERIOR FACE AND TOP OF PARAPET WALLS TO PREPARE MASONRY SURFACES FOR RE-PARGING.
D13	DEMOLISH THROUGH-WALL SCUPPER AND FLASHING.

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Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale North

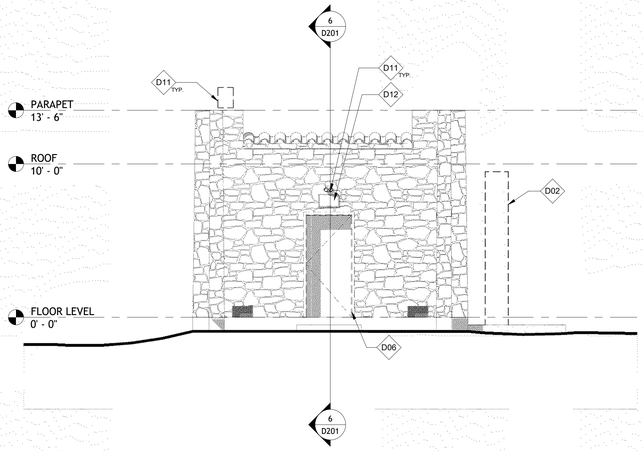
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DEMOLITION FLOOR PLANS

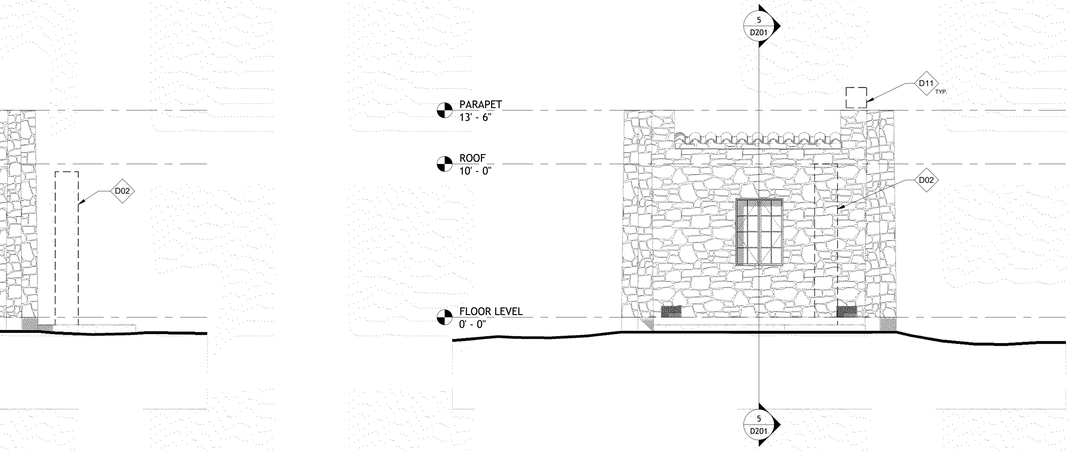
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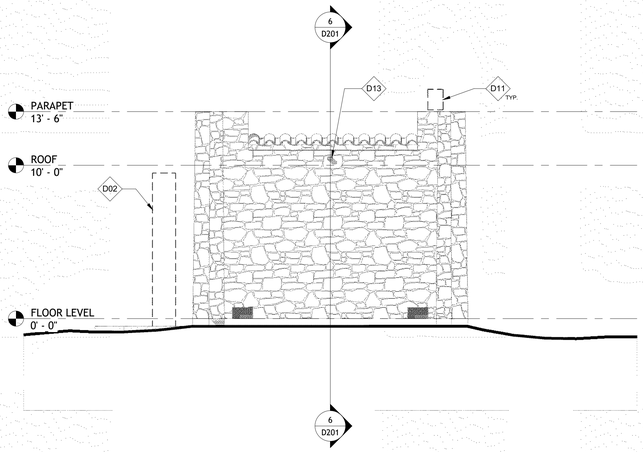
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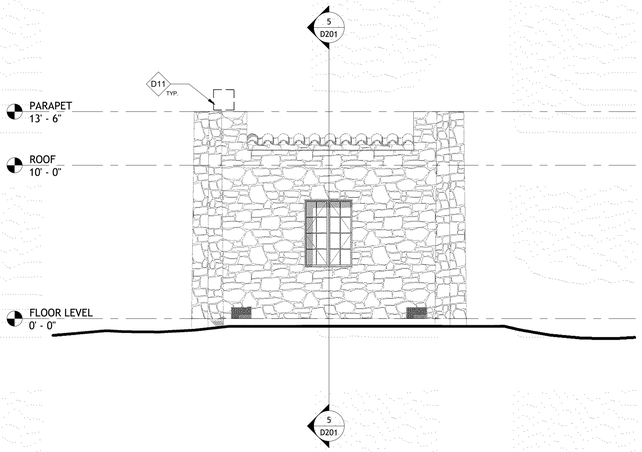
1 DEMOLITION WEST BUILDING ELEVATION
1/4" = 1'-0"



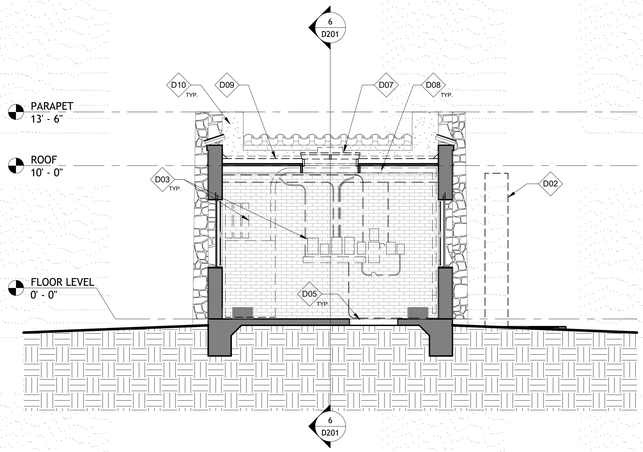
2 DEMOLITION SOUTH BUILDING ELEVATION
1/4" = 1'-0"



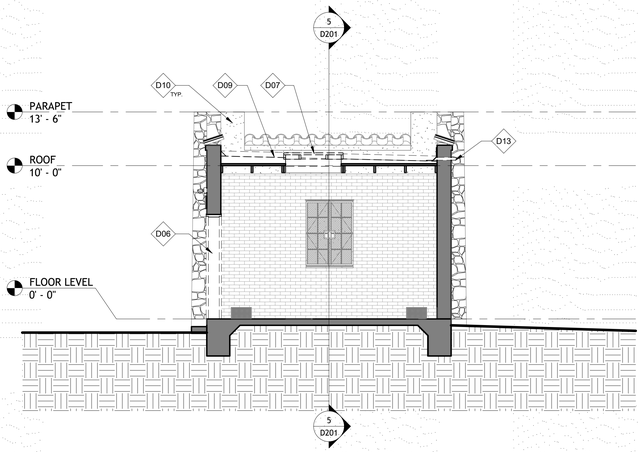
3 DEMOLITION EAST BUILDING ELEVATION
1/4" = 1'-0"



4 DEMOLITION NORTH BUILDING ELEVATION
1/4" = 1'-0"



5 DEMOLITION TRANSVERSE BUILDING SECTION
1/4" = 1'-0"



6 DEMOLITION LONGITUDINAL BUILDING SECTION
1/4" = 1'-0"

HP GENERAL NOTES - DEMOLITION

NUMBER	NOTES
1	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
2	REFER TO SPECIFICATION SECTION 024296 FOR HISTORIC REMOVAL AND DISMANTLING REQUIREMENTS.
3	REFER TO CIVIL, LANDSCAPE ARCHITECT, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR SITE WORK.
4	REFER TO STRUCTURAL AND ARCHITECTURAL DEMOLITION DRAWINGS FOR INTERIOR SELECTIVE DEMOLITION WORK REQUIRED.
5	REFER TO ARCHITECTURAL AND HISTORIC PRESERVATION DRAWINGS AND SPECIFICATIONS FOR REPLACEMENT WORK.
6	REFER TO HAZARDOUS MATERIALS SURVEYS AND REPORTS PRIOR TO COMMENCING WORK.
7	NO SELECTIVE DEMOLITION OR REPAIRS WORK IS TO COMMENCE UNTIL ALL HAZARDOUS MATERIAL ABATEMENT WORK IS COMPLETED.
8	VERIFY THAT UTILITIES HAVE BEEN DISCONNECTED OR CAPPED. REFER TO CIVIL AND MEP DRAWINGS AND SPECIFICATIONS.
9	THESE DRAWING SHEETS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR REMOVAL OF ASSEMBLY PROCEDURES. PROTECT ALL ELEMENTS IDENTIFIED TO REMAIN DURING ALL CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CONSTRUCT TEMPORARY WEATHER TIGHT ENCLOSURES TO SEAL OFF ANY ROOF OR WALL OPENINGS UPON REMOVAL OF EXISTING ROOFING, FLASHING, CAPS, ETC.
11	THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS DURING DEMOLITION SO AS TO NOT DAMAGE ADJACENT FINISHES, MATERIALS, AND FEATURES REQUIRED TO REMAIN IN SERVICE OR BE INCORPORATED INTO THE WORK.
12	THE CONTRACTOR SHALL TAKE CARE TO AVOID DAMAGE TO THE BUILDING STRUCTURE. NOTIFY THE STRUCTURAL ENGINEER IMMEDIATELY OF ANY STRUCTURAL CONCERNS.
13	THE CONTRACTOR SHALL REVIEW ALL TEMPORARY SHORING, BRACING, SCAFFOLDING, JOBSITE SAFETY DEVICES, AND CONSTRUCTION CENTERING THAT MAY IMPACT HISTORIC MATERIALS AND FEATURES OF THE BUILDING WITH ARCHITECT, HISTORIC ARCHITECT, AND STRUCTURAL ENGINEER.
14	BRACE ALL STRUCTURAL ELEMENTS OR STRUCTURES AS NECESSARY DURING DEMOLITION. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER
15	THE CONTRACTOR SHALL PROTECT AND PROPERLY STORE ALL BUILDING MATERIALS AND FEATURES IDENTIFIED FOR TEMPORARY REMOVAL, SALVAGE, AND RE-INSTALLATION INTO THE WORK.
16	DEMOLITION OPERATIONS MAY REVEAL PREVIOUSLY UNKNOWN ARCHITECTURAL, STRUCTURAL, OR SUBGRADE CONDITIONS. UNFORSEEN HISTORIC MATERIALS,DETAILS, OR FEATURES MAY SURFACE DURING DEMOLITION OR SELECTIVE REMOVAL PROCEDURES. PROTECT THE HISTORIC MATERIAL AND NOTIFIY HISTORIC ARCHITECT FOR FURTHER INSTRUCTIONS.
17	ANY DAMAGE DONE BY THE CONTRACTOR OR THEIR SUBCONTRACTORS TO HISTORIC MATERIALS OR FEATURES DESIGNATED AS EXISTING TO REMAIN OR SALVAGED FOR REUSE DURING A DEMOLITION OR SELCTIVE REMOVAL PROCEDURE SHALL BE REPAIRED OR RESTORED TO RETURN THE MATERIALS OR FEATURES TO THEIR CONDITION PRIOR TO COMMENCEMENT OF THE PROCEDURE. SUCH REPAIR OR RESTORATION WORK SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
18	REMOVE AND DEMOLISH EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE AND TRUE TO DIMENSION REQUIRED. USE METHODS LEAST LIKELY TO DAMAGE ADJACENT CONSTRUCTION OR CONSTRUCTION TO REMAIN.
19	RESTORE EXPOSED FINISHED OR PATCHED AREAS AND EXTEND RESTORED FINISH AREA INTO ADJOINING CONSTRUCTION TO REMAIN IN A MANNER THAT ELIMINATES EVIDENCE OF PATCHING, REPAIRING AND REFINISHING.
20	PATCH AND REPAIR FLOOR, WALL, AND CEILING SURFACES WHERE DEMOLITION OCCURS. PROVIDE FLUSH AND EVEN SURFACES OF UNIFORM COLOR, TEXTURE, AND APPEARANCE. CLOSELY MATCH TEXTURE AND FINISH OF EXISTING ADJACENT SURFACES.
21	ALL SALVAGED SOUND MATERIALS, ORNAMENTAL WOODWORK, MASONRY MATERIALS, AND OTHER CHARACTER-DEFINING FEATURES REMAIN THE PROPERTY OF THE OWNER.
22	LABEL, SORT, STORE, AND PROTECT ALL SALVAGED SOUND MATERIALS, DECORATIVE WOOD COLUMNS, ORNAMENTAL WOODWORK, AND OTHER CHARACTER-DEFINING FEATURES FOR REHABILITATION AND REINSTALLATION, OR USE IN REPLICATING NEW REPLACEMENT FEATURES.
23	COORDINATE WITH THE CITY OF SAN ANTONIO'S OFFICE OF HISTORIC PRESERVATION'S HISTORIC MATERIALS SALVAGE PROGRAM FOR DONATION AND DELIVERY OF UNUSED SALVAGE MATERIAL AT THE CONCLUSION OF THE PROJECT.
24	REMOVE ALL EXISTING LIGHT FIXTURES, CONDUITS, WIRES, METER BOXES, CIRCUIT PANELS, ELECTRICAL UTILITY DROPS, WEATHERHEADS, GAS METERS, AND ABANDONED ELEMENTS NOT OTHERWISE INDICATED TO BE INCORPORATED IN NEW WORK.
25	REMOVE ALL STRUCTURAL AND ARCHITECTURAL WOOD ELEMENTS DETERIORATED BEYOND REASONABLE REHABILITATION TREATMENT METHODS FOR REPLACEMENT WITH IN-KIND MATERIALS TO MATCH SIZES AND PROFILES. NOTIFY HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN CONDITIONS REVEALED THROUGH THE SELECTIVE DISASSEMBLY PROCESS REQUIRING CONDITION ASSESSMENT AND DETERMINATION OF APPROPRIATE TREATMENT METHODS.

DEMOLITION KEYNOTES

KEYNOTE VALUE	KEYNOTE TEXT
D02	DEMOLISH METAL TANK AND ALL ASSOCIATED PIPING. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D03	DEMOLISH ALL SURFACE-MOUNTED CONDUITS, PANELS, AND FIXTURES, TYPICAL. REFER TO MEP DEMOLITION DRAWINGS AND SPECIFICATIONS.
D05	DEMOLISH PUMPING EQUIPMENT AND DEVICES EMBEDDED IN EXISTING CONCRETE FOUNDATION. MINIMIZE DAMAGE TO CONCRETE FOUNDATION AND PREPARE FOR PATCHING AND REPAIR. REFER TO STRUCTURAL DEMOLITION DRAWINGS AND SPECIFICATIONS.
D06	DEMOLISH EXISTING HOLLOW METAL DOOR AND FRAME.
D07	DEMOLISH DETERIORATED ROOF HATCH.
D08	DEMOLISH DETERIORATED, WOOD, ROOF FRAMING. RETAIN SOUND MATERIAL FOR REHABILITATION.
D09	DEMOLISH EXISTING ROOFING SYSTEM, CANT STRIPS, UNDERLAYMENT, SCUPPER, AND ASSOCIATED FLASHINGS. REMOVE DETERIORATED WOOD PLANK ROOF DECKING. RETAIN SOUND DECKING MATERIAL FOR REHABILITAITON. REFER TO SPECIFICATION SECTION 07 59 50.
D10	REMOVE DETERIORATED PARGING MATERIAL FROM INTERIOR FACE AND TOP OF PARAPET WALLS TO PREPARE MASONRY SURFACES FOR RE-PARGING.
D11	REMOVE ALL EXISTING SURFACE-MOUNTED, ELECTRICAL CONDUITS AND LIGHT FIXTURES FROM EXTERIOR LIMESTONE MASONRY WALLS.
D12	RETAIN IN PLACE AND PROTECT HISTORIC DEDICATION PLAQUE FOR REHABILITATION.
D13	DEMOLISH THROUGH-WALL SCUPPER AND FLASHING.

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Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale North

Drawing Title

DEMOLITION BUILDING ELEVATIONS & SECTIONS

Drawing Number

D201

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ABBREVIATIONS

ABV.	ABOVE
A.F.F.	ABOVE FINISHED FLOOR
ACOUS.	ACOUSTIC
ADD.	ADDITION
ADH.	ADHESIVE
ADJ.	ADJACENT
ADJT.	ADJUSTABLE
AGG.	AGGREGATE
ALT.	ALTERNATE
ALUM.	ALUMINUM
APPD.	APPROVED
APPROX.	APPROXIMATE
ARCH.	ARCHITECT(URAL)
AVG.	AVERAGE
B.S.	BOTH SIDES
B.U.R.	BUILT-UP ROOF
BD.	BOARD
BEL.	BELOW
BET.	BETWEEN
BLKG.	BLOCKING
BM.	BEAM
BOT.	BOTTOM
BRZ.	BRONZE
BSMT.	BASEMENT
C.I.P.C.	CAST-IN-PLACE CONCRETE
C.M.U.	CONCRETE MASONRY UNIT
C.O.	CLEAN OUT
C.T.	CERAMIC TILE
C.W.	COLD WATER
CTL.	JT. CONTROL JOINT
CAB.	CABINET
CEM.	CEMENT
CER.	CERAMIC
CHAM.	CHAMFER
CIR.	CIRCLE
CK.	CAULK(ING)
CLG.	CEILING
CLO.	CLOSET
CLR.	CLEAR(ANCE)
CNTR.	COUNTER
COL.	COLUMN
COMB.	COMBINATION
COMP.	COMPRESS(ED), (ION), (IBLE)
COMPO.	COMPOSITION (COMPOSITE)
CONC.	CONCRETE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CORR.	CORRUGATED
CPT.	CARPET (ED)
CSMT.	CASEMENT
CTR.	CENTER
D.	DRAIN
D.F.	DRINKING FOUNTAIN
D.H.	DOUBLE HUNG
DBL.	DOUBLE
DEM.	DEMOLISH, DEMOLITION
DIAG.	DIAGONAL
DIA.	DIAMETER
DIM.	DIMENSION
DISP.	DISPENSER
DIV.	DIVISION
DN.	DOWN
DR.	DOOR
DS.	DOWNSPOUT
DTL.	DETAIL
DW.	DISHWASHER
DWG.	DRAWING
DWR.	DRAWER
E.D.F.	ELECTRIC DRINKING FOUNTAIN
E.P.	ELECTRICAL PANELBOARD
EA.	EACH ELEC. ELECTRIC(AL)
ELEV.	ELEVATION
EQ.	EQUIVALENT
EQUIP.	EQUIPMENT
F.A.	FIRE ALARM
F.B.O.	FURNISHED BY OTHERS
F.D.	FLOOR DRAIN
F.E.	FIRE EXTINGUISHER
F.F.E.	FINISH FLOOR ELEVATION
F.O.F.	FACE OF FINISH
F.O.S.	FACE OF STUD
F.R.	FIRE RATED
F.S.	FULL SIZE
FAS.	FASTEN(ER)
FGL.	FIBERGLASS
FIG.	FIGURE
FIN.	FINISH(ED)
FIXT.	FIXTURE
FLG.	FLASHING
FLUOR.	FLUORESCENT
FLR.	FLOOR(ING)
FND.	FOUNDATION
FP.	FIREPROOF
FR.	FRAME(D), (ING)
G.B.	GRAB BAR
G.C.	GENERAL CONTRACTOR
G.I.	GALVANIZED IRON
GA.	GAUGE
GALV.	GALVANIZED
GD.	GRADE, GRADING
GL.	GLASS, GLAZING
GWB.	GYPSUM WALLBOARD
GYP.	GYPSUM
GYP.D.W.	GYPSUM DRYWALL
GYP.BD.	GYPSUM BOARD
GYP.PL.	GYPSUM PLASTER
H.B.	HOSE BIB
H.C.	HOLLOW CORE
H.M.	HOLLOW METAL
H.V.A.C.	HEAT/VENT/AIR CONDITIONING
H.W.	HOT WATER
HDR.	HEADER
HDW.	HARDWARE
HK.	HOOK(S)
HORIZ.	HORIZONTAL
HR.	HOUR
HT.	HEIGHT
HTG.	HEATING
HWD.	HARDWOOD
H.W.H.	HOT WATER HEATER
I.D.	INSIDE DIAMETER
ILLUS.	ILLUSTRATE(ION)
IN.	INCH
INCL.	INCLUDE(D), (ING)
INS.	INSULATE(D), (ING)
INT.	INTERIOR
JAN.	JANITOR'S CLOSET
JT.	JOINT
L.	LENGTH
L.H.	LEFT HAND
LAM.	LAMINATE
LAV.	LAVATORY
LT.	LIGHT
LTL.	LINTEL
LVR.	LOUVER
LW.	LIGHTWEIGHT
LW.C.	LIGHTWEIGHT CONCRETE
M.C.	MINERAL CORE
MAX.	MAXIMUM
MBR.	MEMBER
MECH.	MECHANICAL
MED.	MEDIUM
MFR.	MANUFACTURER
MH.	MANHOLE
MIN.	MINIMUM
MIR.	MIRROR
MISC.	MISCELLANEOUS
MLD.	MOLDING, MOULDING
MO.	MONTH
MOV.	MOVABLE
MT.	MOUNT(ED), (ING)
MTL.	METAL
MULL.	MULLION
N.I.C.	NOT IN CONTRACT
N.R.	NOISE REDUCTION
N.R.C.	NOISE REDUCTION COEFFICIENT
N.T.S.	NOT TO SCALE
NO.	NUMBER
NOM.	NOMINAL
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OH.	OVERHEAD
OPNG.	OPENING
OPP.	OPPOSITE
OPP.HD.	OPPOSITE HAND
ORIG.	ORIGINAL
P.L.	PROPERTY LINE
P.T.D.	PAPER TOWEL DISPENSER
P.T.R.	PAPER TOWEL RECEPTACLE
P.BD.	PARTICLE BOARD
P.LAM.	PLASTIC LAMINATE
PERF.	PERFORATE(D)
PERI.	PERIMETER
PERP.	PERPENDICULAR
PK.	PARKING
PL.	PLATE
PLAS.	PLASTER
PWD.	PLYWOOD
PNT.	PAINT
PR.	PAIR
PREP	PREPARE
PT.	POINT
PTN.	PARTITION
PV.	PAVE(ING)
PVC.	POLYVINYL CHLORIDE
PVMT.	PAVEMENT
R.	RISER
R.A.	RETURN AIR
R.D.	ROOF DRAIN
R.H.	RIGHT HAND
R.O.	ROUGH OPENING
R.O.W.	RIGHT OF WAY
RAD.	RADIUS
RFG.	ROOFING
RFL.	REFLECT(ED), (IVE), (OR)
REF.	REFERENCE
REFR.	REFRIGERATOR
REM.	REMOVE
RES.	RESILIENT
RET.	RETURN
REV.	REVISION
RM.	ROOM
RVS.	REVERSE(SIDE)
S.C.W.	SOLID CORE WOOD
S.D.	STORM DRAIN
SCHED.	SCHEDULE(D)
SEC.	SECTION
SH.	SHELF(VES), (VING)
SHTH.	SHEATHING
SHT.	SHEET
SIM.	SIMILAR
SNT.	SEALANT
SP.	SOUNDPROOF
SPK.	SPEAKER
SPEC.	SPECIFICATION(S)
SQ.	SQUARE
S.S.	STAINLESS STEEL
ST.	STREET
STL.	STEEL
STR.	STRUCTURAL
STD.	STANDARD
STOR.	STORAGE
SUSP.	SUSPENDED
SYS.	SYSTEM
I.E.	THAT IS
T.	TREAD
T.O.C.	TOP OF CURB
T.O.S.	TOP OF STRUCTURE
T.P.D.	TOILET PAPER DISPENSER
T.PTN.	TOILET PARTITION
T.O.STL.	TOP OF STEEL
TEL.	TELEPHONE
TEMP.	TEMPERATURE
THK.	THICK(NESS)
THR.	THRESHOLD
TYP.	TYPICAL
UNF.	UNFINISHED
UR.	URINAL
V.B.	VAPOR BARRIER
V.C.B.	VINYL COVE BASE
V.C.T.	VINYL COMPOSITION TILE
VERT.	VERTICAL
VEST.	VESTIBULE
V.I.F.	VERIFY IN FIELD
VIN.	VINYL
VNR.	VENEER
VOL.	VOLUME
VWC.	VINYL WALL COVERING
W.	WIDTH, WIDE
W.C.	WATER CLOSET
W.H.	WATER HEATER
W.I.	WROUGHT IRON
W.M.	WIRE MESH
W.S.	WEATHERSTRIPPING
WD.	WOOD
WDW.	WINDOW
WP.	WATERPROOFING
WT.	WEIGHT

SYMBOLS

THE FOLLOWING DRAWINGS SYMBOLS INCLUDE, BUT ARE NOT LIMITED TO THOSE TYPICALLY FOUND IN A SET OF CONSTRCTION DOCUMENTS

FLOOR LEVEL LINE — Name, Elevation

MATCHLINE (SHADED PORTION)

COLUMN GRIDS — 000

ROOM TAG — Room name, 101

REVISION TAG — 1, AS/RFI

WINDOW TAG — 11

DOOR TAG — 101

NORTH ARROW — N

BUILDING SECTION TAG — 1 / A101 SIM ; 1 / A101 SIM

THE SECTION IS TAKEN ALONG THE STRAIGHT LINE OF THE SYMBOL. THE ARROW POINTS IN THE DIRECTION O FTHE VIEW FOR THE SECTION. THE NUMBER IS A REFERENCE TO THE SENCTION DRAWING. IN THIS EXAMPLE DRAWING 1/A101 REPRESENTS DRAWING 6 ON SHEET A101.

WALL SECTION TAG — 1 / A101 SIM

SEE ABOVE FOR EXPLANATION

ELEVATION TAG — 2 / A300 EXTERIOR ; 2 / A300 INTERIOR

THE ARROW POINTS IN THE DIRECTION OF THE VIEW FOR THE ELEVATION. THE NUMBER IS A REFERENCE TO THE ELEVATION DRAWING. IN THIS EXAMPLE, DRAWING 2 ON SHEET A300

DETAIL KEY — 1 / A101 SIM

THIS SYMBOL IS A KEY TO A DETAIL DRAWN OF THE AREA WITHIN THE DASHED LINES. THE NUMBER IS A REFERENCE TO THE DETAIL DRAWING. FOR EXAMPLE, DRAWING 1/A101 REPRESENTS DRAWING 1 ON SHEET A101

SHEET NUMBERING

A401

EACH SHEET OF DRAWINGS IS NUMBERED IN THE LOWER RIGHT HAND CORNER. SHEETS ARE NUMBERED FIRST BY SECTION LETTER THEN BY SHEET NUMBER WITHIN THE SECTION. FOR EXAMPLE, SHEET A401 REPRESENTS SHEET 401 WITHIN THE ARCHITECTURAL SECTION.

DRAWINGS

DRAWINGS ARE ORGANIZED ACCORDING TO A "SECTION FROMAT". WITH EACH SECTION DESCRIBING A GENERAL ASPECT OF THE CONSTRUCTION. THE FOLLOWING LISTING ILLUSTRATES A TYPICAL SEQUENCE OF DRAWINGS DEVELOPED FOR A LOGICAL SECTION OF WORK.

SECTION G	GENERAL PROJECT INFORMATION & DRAWINGS
SECTION C	CIVIL DRAWINGS
SECTION A	ARCHITECTURAL DRAWINGS
SECTION S	STRUCTURAL DRAWINGS
SECTION M	MECHANICAL DRAWINGS
SECTION E	ELECTRICAL DRAWINGS
SECTION P	PLUMBING DRAWINGS
SECTION L	LANDSCAPE DRAWINGS

CODE BASIS:

CITY OF SAN ANTONIO, TEXAS CODE OF ORDINANCES, ADOPTED MAY 1, 2015

2015 EDITION INTERNATIONAL CODES WITH CITY OF SAN ANTONIO ADOPTED AMENDMENTS, UTILIZING THE 2015 EDITION INTERNATIONAL BUILDING CODE (2015 I.B.C.) AS THE PRIMARY BUILDING CODE
AND 2015 INTERNATIONAL ENERGY CONSERVATION CODE AS THE PRIMARY ENERGY CODE.

PROJECT DESCRIPTION:

The property owner wishes to demolish the deteriorated back addition and construct new restroom facilities in addition to rehabilitating and adapting the existing masonry building to fit today's needs.

DEMOLITION

Southwest addition, Storefront Windows, Transoms (retaining historic fresnel panels), Exterior Doors as noted, Canopy as noted, and Interior Partitions. Reference the drawings for details.

ZONING SUMMARY

Address: 1829 N. New Braunfels Ave.
NCB: 1268 BLK: 4 LOT: 9 KITCHEN SUBDIVISION
C-2 IDZ

2,722 SQUARE FEET EXISTING UNLEASED SPACE FOR FUTURE TENANT(/100 OCCUPANCY FACTOR = ESTIMATED 28 OCCUPANTS)

334 SQUARE FEET DEMOLISHED SUPPORT SPACE

451 SQUARE FEET NEW ADDITION SUPPORT SPACE FOR FUTURE TENANT(/100 OCCUPANCY FACTOR = ESTIMATED 5 OCCUPANTS)

OF EXITS PROVIDED: 2 MINIMUM

ENERGY COMPLIANCE:

PROJECT ENERGY COMPLIANCE NOTES:

1. ASHRAE CLIMATE ZONE 2. R-VALUES, U-FACTORS & SHGC VALUES INDICATED ARE PROJECT MINIMUM REQUIREMENTS.
   - U-FACTOR: .40 MAXIMUM VALUE FENESTRATION
   - U-FACTOR: .65 MAXIMUM VALUE SKYLIGHT
   - U-FACTOR: .83 ENTRANCE DOORS
   - SHGC FACTOR: .25 MAXIMUM VALUE GLAZED FENESTRATION
   - SHGC FACTOR: .35 MAXIMUM VALUE SKYLIGHT
   - R-VALUE CEILING: 38 MINIMUM VALUE
   - R-VALUE WALLS: 13 MINIMUM VALUE
   - R-VALUE ROOF: 25 MINIMUM VALUE
2. REFERENCE & REVIEW THE COMCHECK COMPLIANCE CERTIFICATE AND INSPECTION CHECKLIST PREPARED FOR THE PROJECT PRIOR TO WORK TO CONFIRM PRODUCT OR INSTALLATION REQUIREMENTS.
3. REFER TO MEP DRAWINGS FOR ADDITIONAL CODE COMPLIANCE INFORMATION
4. PROVIDE FIREBARRIER PROTECTION WHERE REQUIRED FOR FLAMMABLE SPRAY FOAM INSULATION PRODUCTS SUCH AS POLYURETHANE
5. 75% OF LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES TO BE HIGH- EFFICACY TYPE.
   - ANY LAMP MEETING THE FOLLOWING MINIMUM EFFICIENCY REQUIREMENTS:
   - 60 LUMENS PER WATT FOR LAMPS OVER 40 WATTS
   - 50 LUMENS PER WATT FOR LAMPS OVER 15 WATTS, BUT NO MORE THAN 40 WATTS
   - 40 LUMENS PER WATT FOR LAMPS RATED AT 15 WATTS OR LESS
   - INCANDESCENT LAMPS ARE EXLCUDED.
6. AIR LEAKAGE BLOWER DOOR TESTING & VERIFICATION WILL BE REQUIRED PER CODE AFTER CREATION OF ALL PENETRATIONS IN THE THERMAL BUILDING ENVELOPE.
7. COMPLY WITH 2015 IECC TABLE 402.4.1.1 "AIR BARRIER AND INSULATION INSTALLATION" FOR AIR SEALAGE REQUIREMENTS.
8. PIPE INSULATION REQUIREMENTS PER CODE.

GENERAL NOTES

1. ALL NOTES REFER TO NEW WORK UNLESS NOTED AS EXISTING.
2. PATCH AND REPAIR ALL AREAS AND SURFACES AFFECTED BY DEMOLITON AS TO PREPARE FOR NEW CONSTRUCTION.
3. GENERAL CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. THE CONTRACT DOCUMENTS DO NOT REPRESENT A COMPLETE SURVEY OF ALL EXISTING CONDITIONS.
4. THE CONTRACT DOCUMENTS DO NOT SHOW ALL REQUIRED DEMOLITION, REHABILITATION, AND PATCHING CONDITIONS. CONTRACTOR TO DETERMINE THE EXTENTS OF DEMOLITION AND REHABILITATION WORK AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS.
5. REPAIR AT NO COST TO THE OWNER DAMAGE CAUSED TO AREAS AND MATERIALS AFFECTED BY CONSTRUCTION OPERATIONS. EVERY EFFORT IS TO BE MADE TO MAINTAIN A CLEAN PROJECT SITE AS TO MINIMIZE EFFECTS ON NEW WORK AND SENSITIVE HISTORIC COMPONENTS DUE TO THE PRESENCE OF DUST AND DEBRIS.
6. ARCHITECT'S SEAL ON CONSULTANT'S DRAWINGS ATTESTS ONLY TO THE ARCHITECT'S COORDINATION OF THE CONSULTANT'S WORK WITH THAT OF THE ARCHITECT AND DOES NOT IMPLY THE ARCHITECT'S PRACTICE OF ENGINEERING OR OTHER CONSULTANT'S SPECIALTY.
7. ALL SUBCONTRACTORS AND CONSTRUCTION WORKERS MUST READ THE WRITTEN SPECIFICATIONS CONTAINED IN THE PROJECT MANUAL. THE SPECIFICATIONS CONTAIN ADDITIONAL SURFACE PREPARATION OR SURFACE REQUIREMENTS FOR THE BUILDING MATERIALS, PRODUCTS, OR COMPONENTS THAT ARE BEING PLACED OR INSTALLED.
8. THE INSTALLATION/APPLICATION INFORMATION SHOWN IS NOT COMPLETE WITHOUT THE WRITTEN SPECIFICATIONS. IF THE SPECIFICATIONS/PROJECT MANUAL IS NOT WITH THESE DRAWINGS, ASK THE GENERAL CONTRACTOR FOR A COPY TO REVIEW BEFORE BEGINNING YOUR WORK.
9. THE WORD "PROVIDE" WHEN USED IN ANY DOCUMENT RELATING TO THIS PROJECT, INCLUDING BUT NOT LIMITED TO THE DRAWINGS, SPECIFICATIONS, PROPOSAL REQUESTS, CHANGE ORDERS AND OTHER SIMILAR DOCUMENTS, SHALL MEAN TO FURNISH, INSTALL IN PLACE, CONNECT, FINISH, AND COMPLETE READY TO USE FOR ITS INTENDED PURPOSE.
10. CONTRACTOR SHALL PERFORM ALL WORK IN FULL COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL CODES, AGENCIES, AND ORDINANCES HAVING JURISDICTION.
11. ALL MATERIALS RELATED TO THIS WORK SHALL BE SHIPPED, STORED, AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
12. NEITHER THE ARCHITECT, NOR THE ARCHITECT'S CONSULTANTS WILL BE RESPONSIBLE FOR, NOR HAVE CONTROL OR CHARGE OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR SAFETY PRECAUTIONS IN CONNECTION WITH THIS PROJECT. THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS WILL NOT BE RESPONSIBLE FOR NOR HAVE CONTROL OF OR CHARGE OVER THE ACTS OR OMISSIONS OF THE GENERAL CONTRACTOR OR SUBCONTRACTORS, OR ANY OF THEIR AGENTS, EMPLOYEES, OR ASSIGNS PERFORMING ANY OF THE WORK ON THIS PROJECT.
13. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL VISIT THE SITE AND INCLUDE IN HIS BID ALL ADJUSTMENTS AND COSTS AFFECTING EXISTING BUILDING UTILITY SERVICES, I.E. WATER LINES, WASTE LINES, GAS LINES, AND ELECTRICAL SERVICE THAT ARE APPLICABLE TO THE PROJECT.
14. CONTRACTOR SHALL BRING TO THE IMMEDIATE ATTENTION OF THE ARCHITECT ANY OMMISSIONS, ERRORS, OR CONFLICTS IN THE CONSTRUCTION DOCUMENTS OR FIELD CONDITIONS. GENERAL CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL CAREFULLY COMPARE SUCH FIELD MEASUREMENTS AND CONDITIONS AND OTHER INFORMATION KNOWN TO THE CONTRACTOR WITH THE CONTRACT DOCUMENTS BEFORE COMMENCING ANY WORK.
15. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PROJECT SITE, AND EXISTING UTILITIES CAUSED BY THIS WORK ON THIS PROJECT AND SHALL QUICKLY REPAIR OR REPLACE THE DAMAGE. THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION AT THE BUILDING FOR THIS WORK UNTIL TURNED OVER TO THE OWNER.
16. THE CONSTRUCTION DRAWINGS AND/OR NOTES ARE TO ILLUSTRATE THE GENERAL TYPE OF CONSTRUCTION AND DESIGN DESIRED AND ARE INTENDED TO IMPLY THE FINEST QUALITY OF CONSTRUCTION MATERIAL AND WORKMANSHIP THROUGHOUT.
17. UPON COMPLETION OF THE PROJECT, AN INDEPENDENT REGISTERED ACCESSIBILITY SPECIALIST WILL VISIT THE SITE FOR TDLR CONFORMANCE.
18. GENERAL CONTRACTOR, SUBCONTRACTORS, SUPPLIERS AND MANUFACTURERS ARE TO CERTIFY THAT ALL MATERIALS AND PRODUCTS USED IN CONSTRUCTION DO NOT CONTAIN ASBESTOS IN ANY AMOUNT IN ACCORDANCE WITH THE TOXIC SUBSTANCE CONTROL ACT.

Door Schedule

Door							Frame						Fire Rating Label	Hardware		Comments
Mark	Size: Width	Size: Height	Size: Thickness	Material	Finish	Under Cut	Material	Type	Finish	Head	Jamb	Sill		Set No.	From Room: Number	
E101	3' - 0"	6' - 8 9/32"	0' - 0"													

Window Schedule

Type Mark	Size: Width	Size: Height	Type	Material	Finish	Detail: Head	Detail: Jamb	Detail: Sill	Glazing: Thickness	Glazing: Type	Head Height	Comments
35	3' - 1"	4' - 4"									7' - 8"	
35	3' - 1"	4' - 4"									7' - 8"	

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Revisions

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Phase
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Scale — North

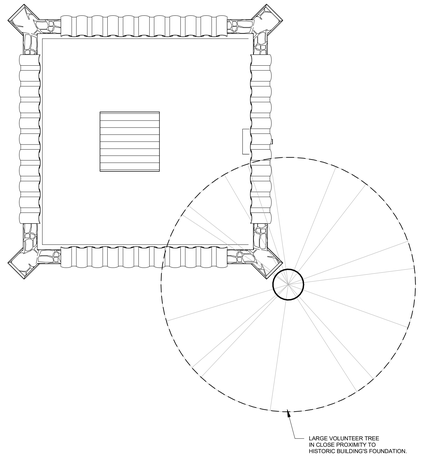
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ABBREVIATIONS & SYMBOLS

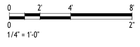
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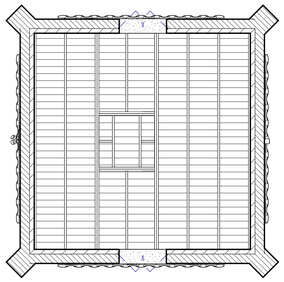
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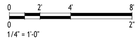
3 EXISTING ROOF PLAN
1/4" = 1'-0"



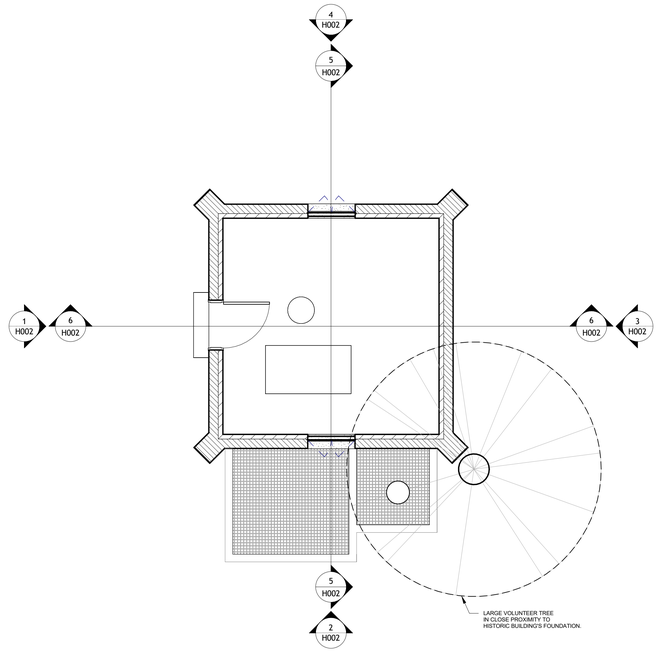




2 EXISTING REFLECTED CEILING PLAN
1/4" = 1'-0"







1 EXISTING FLOOR PLAN
1/4" = 1'-0"





GENERAL NOTES - EXISTING

NUMBER	EXISTING CONDITION NOTE
1	
2	
3	
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8	
9	
10	

CONDITION ASSESSMENT LEGEND

- MATERIAL LOSS
- MATERIAL DAMAGE
- FINISH DAMAGE
- HISTORIC OVER-PAINTING / SIGNAGE
- MAJOR CRACK
- MINOR / HAIRLINE CRACK
- NON-HISTORIC MATERIAL
- PREVIOUS PATCH / REPAIR
- NON-HISTORIC FINISH / OVER-PAINTING
- STAINING / BIOLOGICAL GROWTH
- PREVIOUS CRACK REPAIR
- MAJOR WATER DAMAGE
- MINOR WATER DAMAGE / STAINING
- MAJOR WALL DAMAGE (PLAN)
- MODERATE WALL DAMAGE (PLAN)
- MINOR WALL DAMAGE (PLAN)

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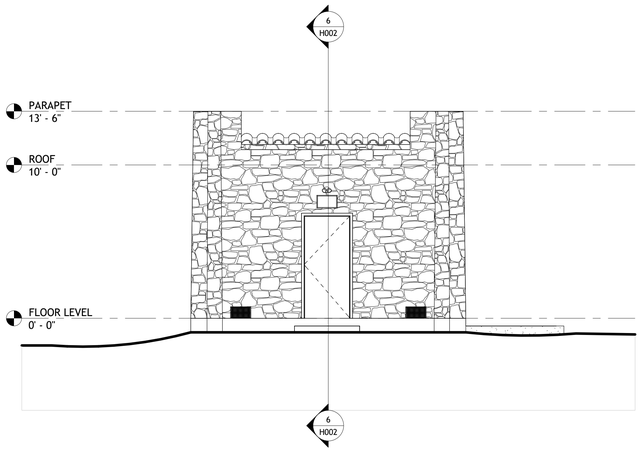
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CONDITION ASSESSMENT FLOOR PLANS

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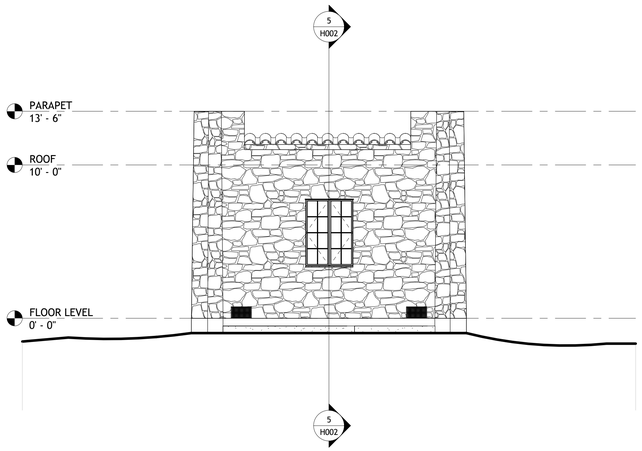
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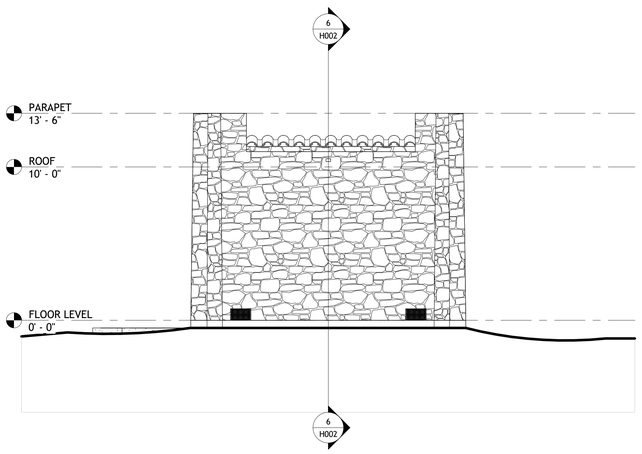
1 EXISTING WEST BUILDING ELEVATION
1/4" = 1'-0"

0 2' 4' 8'
0 2'
1/4" = 1'-0"



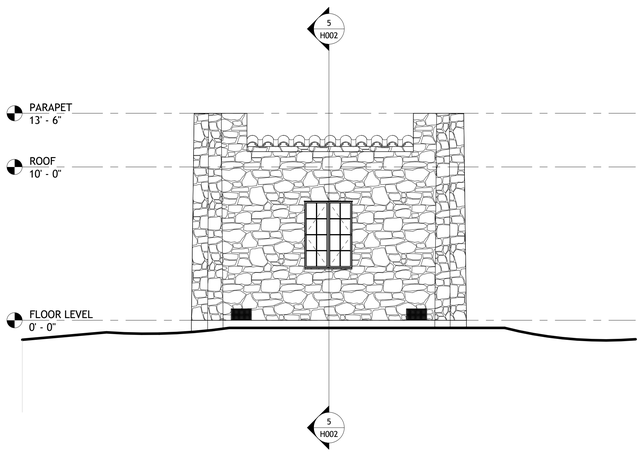
2 EXISTING SOUTH BUILDING ELEVATION
1/4" = 1'-0"

0 2' 4' 8'
0 2'
1/4" = 1'-0"



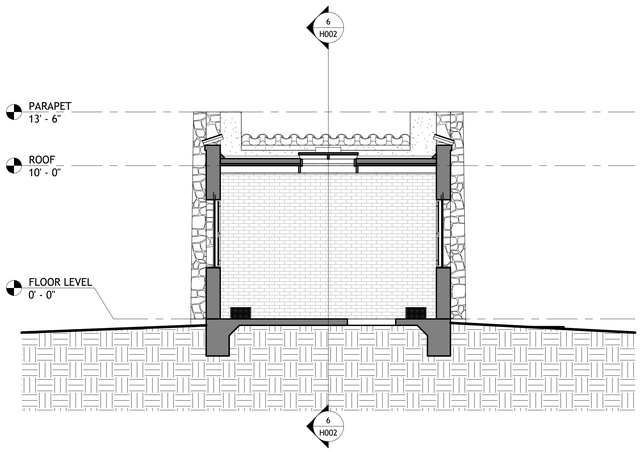
3 EXISTING EAST BUILDING ELEVATION
1/4" = 1'-0"

0 2' 4' 8'
0 2'
1/4" = 1'-0"



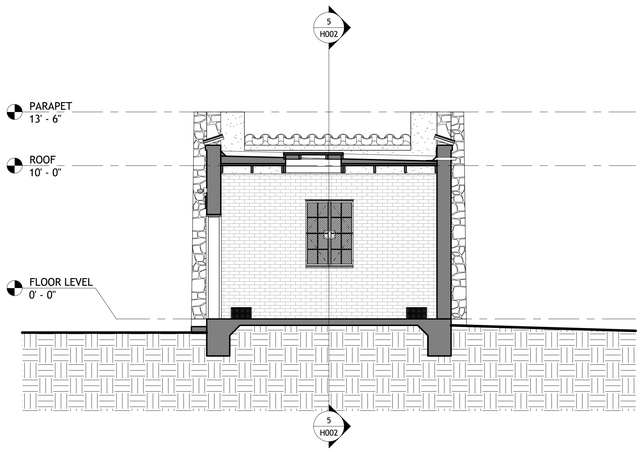
4 EXISTING NORTH BUILDING ELEVATION
1/4" = 1'-0"

0 2' 4' 8'
0 2'
1/4" = 1'-0"



5 EXISTING - TRANSVERSE BUILDING SECTION
1/4" = 1'-0"

0 2' 4' 8'
0 2'
1/4" = 1'-0"



6 EXISTING - LONGINTUDINAL BUILDING SECTION
1/4" = 1'-0"

0 2' 4' 8'
0 2'
1/4" = 1'-0"

GENERAL NOTES - EXISTING

NUMBER	EXISTING CONDITION NOTE
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

CONDITION ASSESSMENT LEGEND

- MATERIAL LOSS
- MATERIAL DAMAGE
- FINISH DAMAGE
- HISTORIC OVER-PAINTING / SIGNAGE
- MAJOR CRACK
- MINOR / HAIRLINE CRACK
- NON-HISTORIC MATERIAL
- PREVIOUS PATCH / REPAIR
- NON-HISTORIC FINISH / OVER-PAINTING
- STAINING / BIOLOGICAL GROWTH
- PREVIOUS CRACK REPAIR
- MAJOR WATER DAMAGE
- MINOR WATER DAMAGE / STAINING
- MAJOR WALL DAMAGE (PLAN)
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- MINOR WALL DAMAGE (PLAN)

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CONDITION ASSESS. ELEVATIONS & SECTIONS

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1 FRONT VIEW



2 VIEW OF ENTRY DOOR



3 STONE @ FRONT ENTRY



4 FRONT VIEW RIGHT



5 RIGHT VIEW



6 EQUIPMENT @ RIGHT



7 TREE AT RIGHT VIEW



8 TREE @ REAR



9 REAR LEFT CORNER



10 REAR VIEW



11 RIGHT CORNER @ REAR



12 LEFT VIEW



13 WINDOW @ LEFT VIEW



14 EQUEPMENT @ INTERIOR
REAR WALL



15 RIGHT CORNER AT INTERIOR REAR WALL



16 VIEW OF PIPING EMBEDDED IN CONC. SLAB



17 RIGHT INTERIOR VIEW



18 VIEW OF CEILING



19 DETERIORATED ROOF JOISTS AT CEILING



20 LEFT ENTRY INTERIOR



21 INTERIOR ENTRY VIEW



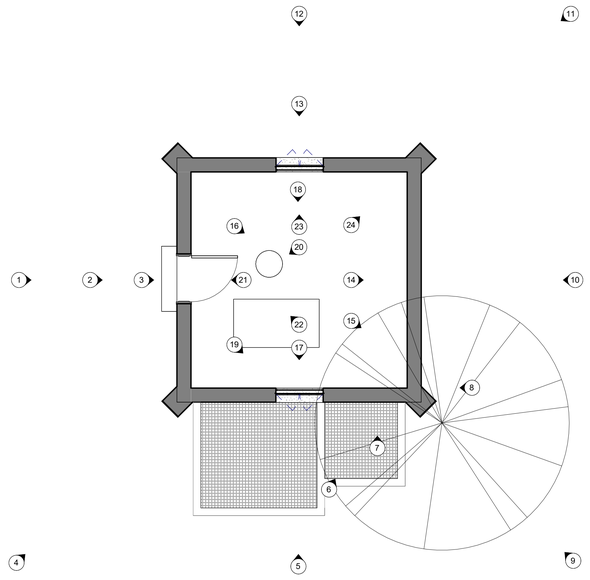
22 RIGHT ENTRY INTERIOR



23 LEFT INTERIOR



24 EQUIPMENT AT LEFT INTERIOR



1 EXISTING FLOOR PLAN - PHOTO KEY PLAN
1/4" = 1'-0"

BRACKENRIDGE PARK

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Revisions

Date
30 May/2024

Phase
60% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale North

Drawing Title

EXISTING CONDITIONS PHOTOGRAPHS

Drawing Number

H004

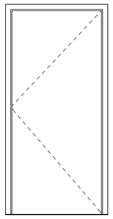
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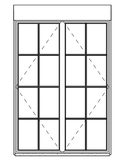
Door Schedule

Door							Frame						Fire Rating Label	Hardware		Comments
Mark	Size: Width	Size: Height	Size: Thickness	Material	Finish	Under Cut	Material	Type	Finish	Head	Jamb	Sill		Set No.	From Room: Number	
E101	3' - 0"	6' - 8 9/32"	0' - 0"													

Window Schedule

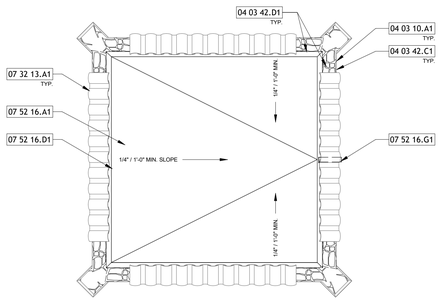
Type Mark	Size: Width	Size: Height	Type	Material	Finish	Detail: Head	Detail: Jamb	Detail: Sill	Glazing: Thickness	Glazing: Type	Head Height	Comments
35	3' - 1"	4' - 4"									7' - 8"	
35	3' - 1"	4' - 4"									7' - 8"	



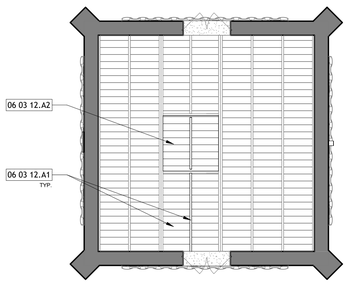


DOOR & WINDOW TYPES

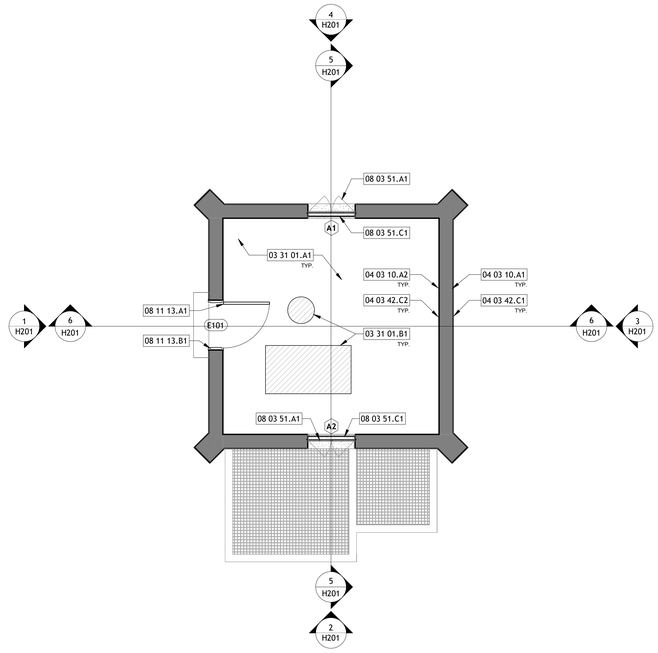
	D1	W1
MATERIAL:	HOLLOW METAL	STEEL
FINISH:	PAINTED	PAINTED
STYLE:	FLAT PANEL	PAIR INDUSTRIAL CASEMENT



3 PROPOSED REHABILTATION ROOF PLAN
1/4" = 1'-0"



2 PROPOSED REHABILTATION RCP
1/4" = 1'-0"



1 PROPOSED REHABILTATION FLOOR PLAN
1/4" = 1'-0"

HP GENERAL NOTES - FLOOR PLANS

NUMBER	NOTES
1	REFER TO SHEET A0.00 FOR GRAPHIC SYMBOLS AND LIST OF ABBREVIATIONS.
2	REFER TO SPECIFICATION SECTION 01 3591 - HISTORIC TREATMENT PROCEDURES FOR GENERAL REQUIREMENTS AND HISTORIC PRESERVATION STANDARDS FOR THE PERFORMANCE OF THE WORK.
3	REFER TO HISTORIC PRESERVATION SPECIFICATIONS FOR SPECIFIC PRODUCTS, TREATMENT PROCEDURES, MOCK-UPS, AND QUALITY CONTROL REQUIREMENTS FOR HISTORIC REHABILITATION WORK.
4	REFER TO ARCHITECTS, LANDSCAPE ARCHITECTS, AND CONSULTING ENGINEERS' DRAWINGS AND SPECIFICATIONS FOR THE FULL SCOPE OF WORK TO BE COORDINATED BY THE GENERAL CONTRACTOR WITH THE HISTORIC REHABILITATION WORK.
5	REFER TO 'D' AND 'HD' DRAWING SHEETS AND SPECIFICATION SECTION 02 4296 - HISTORIC REMOVAL AND DISMANTLING FOR SALVAGED HISTORIC MATERIALS AND FEATURES TO BE REHABILITATED OR REPLICATED IN-KIND FOR INCORPORATION INTO NEW WORK.
6	THESE DRAWINGS ILLUSTRATE THE GENERAL CONDITIONS OF THE EXISTING BUILDING. THE GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL FIELD VERIFY THE LOCATIONS, ASSEMBLY TYPES, AND DIMENSIONS OF ALL EXISTING BUILDING CONSTRUCTION PRIOR TO BEGINNING WORK. THE GENERAL CONTRACTOR SHALL INFORM THE HISTORIC PRESERVATION ARCHITECT OF UNFORESEEN OR SIGNIFICANT DEVIATIONS FROM THE GENERAL REPRESENTATION OF THE EXISTING CONDITIONS THAT MAY IMPACT THE WORK.
7	REASONABLE ASSUMPTIONS AND/OR OBSERVATIONS OF EXISTING MATERIALS, FEATURES, AND STRUCTURAL ELEMENTS DURING THE HISTORIC PRESERVATION ARCHITECT'S PRELIMINARY CONDITION ASSESSMENT WORK APPEAR IN SECTIONS AND DETAILS IN GRAY TO PROVIDE GENERAL CONTEXT FOR NEW WORK. THESE ASSUMPTIONS SHALL BE CONFIRMED BY THE GENERAL CONTRACTOR AND SUB-CONTRACTORS PRIOR TO BEGINNING WORK.
8	NOT ALL KEYNOTES APPEAR IN EACH DRAWING SHEET. REFER TO INDIVIDUAL SHEET FOR SPECIFICATIONS NOTES.
9	ALL DIMENSIONS OF EXISTING CONDITIONS SHALL BE TAKEN FROM FACE OF FINISHED WALL UNLESS NOTED ON PLANS AND DETAILS. VERIFY ALL DIMENSIONS IN FIELD.
10	AT NO TIME SHALL THE BUILDING BE LEFT OPEN TO THE WEATHER DUE TO DEMOLITION OR DISMANTLING PROCEDURES OR EXECUTION OF NEW WORK. PROTECT ALL ELEMENTS, HISTORIC OR OTHERWISE, DURING ALL PHASES OF CONSTRUCTION OPERATIONS. SECURE THE SITE AND BUILDING FROM INTRUSION OR VANDALISM WHEN ACTIVE CONSTRUCTION OPERATIONS CEASE. TAKE NECESSARY PRECAUSTIONS TO SAFEGUARD THE HEALTH, SAFETY, AND WELL-BEING OF THE KEYSTONE SCHOOL'S STUDENTS, FACULTY, AND STAFF WHEN SCHOOL IS IN SESSION OR DURING AFTER-HOURS EVENTS.
11	REFER TO SPECIFICATION SECTION 01 7329 - CUTTING AND PATCHING FOR SPECIAL PRECAUTIONS AND REQUIREMENTS. PROTECT ALL EXISTING MATERIAL, FEATURES, AND STRUCTURE, HISTORIC OR OTHERWISE, TO REMAIN WHERE NEW WORK IS TO OCCUR. PATCH AND REPAIR ANY DAMAGE RESULTING FROM DEMOLITION, SELECTIVE DISMANTLING, OR NEW WORK. MATCH ADJACENT FINISHES AND COLORS.
12	GENERAL CONTRACTOR TO INSTITUTE AND ENFORCE ROBUST FIRE PROTECTION AND FIRE WATCH PROTOCOLS AS PART OF A COMPREHENSIVE JOBSITE SAFETY PROGRAM TO ENSURE WORKER SAFETY AND PROTECTION OF THE HISTORIC WOOD-FRAMED BUILDING AND SURROUNDING SCHOOL PROPERTY.
13	GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR INSTITUTING AND ENFORCING FALL PROTECTION PROTOCOLS AS PART OF A COMPREHENSIVE JOBSITE SAFETY PROGRAM TO ENSURE WORKER SAFETY DURING ROOFING OPERATIONS. THIS SHALL ENCOMPASS, BUT IS NOT LIMITED TO, A RANGE OF SAFETY MEASURES, INCLUDING PERSONAL PROTECTIVE EQUIPMENT (PPE) LIKE HARNESSES AND LANYARDS, TEMPORARY GUARDRAILS AND BARRIERES, SAFETY NETS, AND ADHERENCE TO CITY, STATE, AND FEDERAL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS.
14	PROTECT CEILING, WALLS, FLOORS AND OTHER EXISTING FINISH WORK THAT ARE TO REMAIN AND ARE EXPOSED DURING ROOF REPLACEMENT OPERATIONS.
15	REPAIR ROOF STRUCTURAL MEMBERS AND INSTALL NEW DECK AS REQUIRED AFTER ROOF REMOVAL PER STRUCTURAL ENGINEER'S DRAWINGS AND SPECIFICATIONS. PREPARE SURFACES OF ROOF DECK PER ROOF WATERPROOF MEMBRANE MANUFACTURER'S INSTRUCTIONS.
16	REFER TO MEP ENGINEER'S DRAWINGS AND SPECIFICATIONS FOR LOCATION OF NEW PENETRATIONS IN ROOF. NEW ROOF PENETRATIONS TO BE ON THE REAR OF THE STRUCTURE WHERE POSSIBLE TO LIMIT VISIBILITY FROM THE RIGHT-OF-WAY. DRAWINGS MAY NOT SHOW OR INCLUDE DETAIL KEYS FOR ALL PENETRATIONS. IT SHALL REMAIN THE GENERAL CONTRACTOR'S RESPONSIBILITY TO INCLUDE WITHIN ITS BID ALL ROOFING, FLASHING, SUPPORTS, EQUIPMENT RELOCATION, ETC., FOR A COMPLETE JOB. IN THE ABSENCE OF A SPECIFIC DETAIL THE CONTRACTOR SHALL INCLUDE INSTALLATIONS MEETING THE ROOF SYSTEM MANUFACTURER'S STANDARD ASSEMBLY.
17	REFER TO INSTALLATION INSTRUCTIONS AND REQUIREMENTS FOR MATERIAL HANDLING AND STORAGE FOR WIP WATERPROOF MEBRANE UNDERLAYMENT MANUFACTURER AND METAL ROOF PANEL MANUFACTURER. MANUFACTURERS' TECHNICAL REPRESENTATIVES SHALL BE ENGAGED FOR PRE-INSTALLATION MEETINGS AND PERIODIC OBSERVATIONS OF THE WORK TO ENSURE WORK COMPLIES WITH MANUFACTURERS' WARRANTY CONDITIONS REQUIREMENTS.
18	THE SUBSTRATE SHALL BE CLEAN AND DRY PRIOR TO ROOF INSTALLATION.

ARCHITECTURAL KEYNOTES

KEYNOTE NUMBER	KEYNOTE
03 31 01.A1	CLEAN AND REPAIR DAMAGED HISTORIC CAST-IN-PLACE CONCRETE. REFER TO STRUCTURAL DOCUMENTS. TYPICAL.
03 31 01.B1	PATCH AND REPAIR EXISTING CONCRETE FOUNDATION WHERE PUMPING EQUIPMENT PREVIOUSLY PENETRATED SLAB. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS.
04 03 10.A1	CLEAN DIRT, PAINT, ATMOSPHERIC POLLUTANTS, METALLIC STAINS, AND BIOLOGICAL GROWTH FROM EXTERIOR SURFACES OF HISTORIC LIMESTONE MASONRY USING LOW-PRESSURE WATER, NON-ACIDIC MASONRY CLEANING SOLUTIONS, AND HAND BRUSHES USING METHOD APPROVED BY HISSTORIC ARCHITECT AFTER MOCKUP PROCESS, TYPICAL. REFER TO SPECIFICATION SECTION 04 03 10.
04 03 10.A2	CLEAN DIRT, PAINT, ATMOSPHERIC POLLUTANTS, METALLIC STAINS, AND BIOLOGICAL GROWTH FROM INTERIOR SURFACES OF HISTORIC BRICK MASONRY USING LOW-PRESSURE WATER, NON-ACIDIC MASONRY CLEANING SOLUTIONS, AND HAND BRUSHES USING METHOD APPROVED BY HISSTORIC ARCHITECT AFTER MOCKUP PROCESS, TYPICAL. REFER TO SPECIFICATION SECTION 04 03 10.
04 03 42.C1	REPOINT HISTORIC LIMESTONE MASONRY WHERE NEEDED, POINTING MORTAR USING SMALL HAND TOOLS , AND POWER TOOLS TO REMOVE FAILED POINTING MORTAR AND REPLACING WITH AN HISTORICALLY APPROPRIATE POINTING MORTAR TO REPLICATE HISTORIC TOOLING, TYPICAL. ASSUME 75% POINTING MORTAR REPLACEMENT. REF. SPECIFICATION SECTIONS 04 03 42 AND 04 15 50.
04 03 42.C2	REPOINT HISTORIC BRICK MASONRY WHERE NEEDED, POINTING MORTAR USING SMALL HAND TOOLS, AND POWER TOOLS TO REMOVE FAILED POINTING MORTAR AND REPLACING WITH AN HISTORICALLY APPROPRIATE POINTING MORTAR TO REPLICATE HISTORIC TOOLING, TYPICAL. ASSUME 75% POINTING MORTAR REPLACEMENT. REF. SPECIFICATION SECTIONS 04 03 42 AND 04 15 50.
04 03 42.D1	PARGE TOP AND INSIDE SURFACES OF MASONRY PARAPET WALL PRIOR TO NEW ROOF INSTALLATION.
06 03 12.A1	REPAIR, PATCH OR REPLACE DETERIORATED HISTORIC WOOD ROOF STRUCTURE AND DECKING PRIOR TO RE-ROOFING. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
06 03 12.A2	INFILL FORMER ROOF HATCH OPENING WITH WOOD FRAMING AND DECKING TO MATCH EXISTING PRIOR TO RE-ROOFING. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
07 32 13.A1	CLEAN AND REPAIR HISTORIC CLAY BARREL TILE PARAPET CAP. REPLACE BROKEN TILES WITH IN-KIND MATERIAL. RESECURE LOOSE TILE UNITS WITH NEW LIME MORTAR.
07 52 16.A1	TORCH-APPLIED MODIFIED BITUMEN ROOFING SYSTEM WITH BASE SHEET AND CAP SHEET.
07 52 16.D1	4" X 4" FIBER CANT STRIPS SET IN ROOF CEMENT ADHERED TO POLYISOCYANURATE WITH TORCH-APPLIED MODIFIED BITUMEN BASE FLASHING.
07 52 16.G1	6" X 6" 24 GA. STAINLESS STEEL THROUGH-WALL SCUPPER DRAIN SLEEVE WITH CANT ANGLE AND 6" FLANGE. SOLDER ALL JOINTS WATERTIGHT. SET IN MASTIC AND SECURE AT 3' O.C.
08 03 51.A1	REPAIR AND REFINISH HISTORIC STEEL INDUSTRIAL WINDOW. REMOVE ALL CORROSION AND LOSE COATING TO BARE METAL. REPLACE PORTIONS OF FRAME EXHIBITING EXCESSIVE CORROSION WITH METAL COMPONENTS TO MATCH EXISTING PROFILES. PRIME, SEAL IN GLASS WITH SILICONE, AND APPLY TWO-COAT PROTECTIVE COATING AS SPEC D. REFER TO WINDOW AND PAINT SCHEDULES.
08 03 51.C1	REHABILITATE METAL WINDOW SECURITY BARS. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
08 11 13.A1	NEW HOLLOW METAL DOOR. PRIME AND PAINT. REF. DOOR SCHEDULE.
08 11 13.B1	NEW HOLLOW METAL DOOR FRAME. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91. REFER TO DOOR AND HARDWARE SCHEDULES.

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Stamp

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Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
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Scale | North

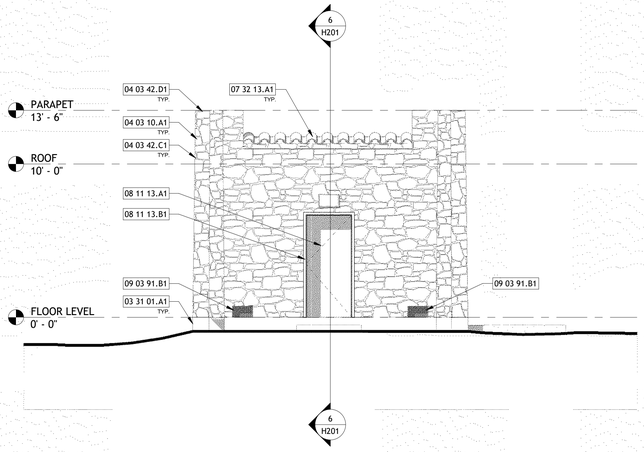
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REHABILITATION FLOOR PLANS

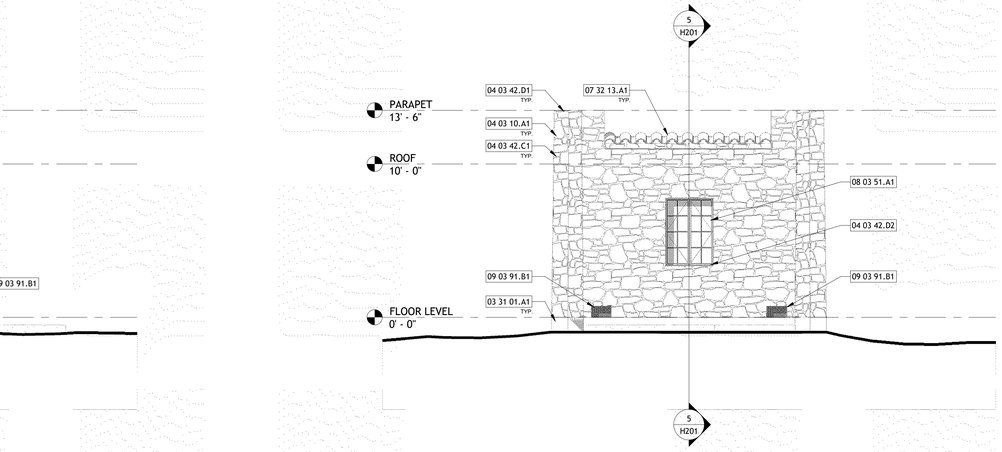
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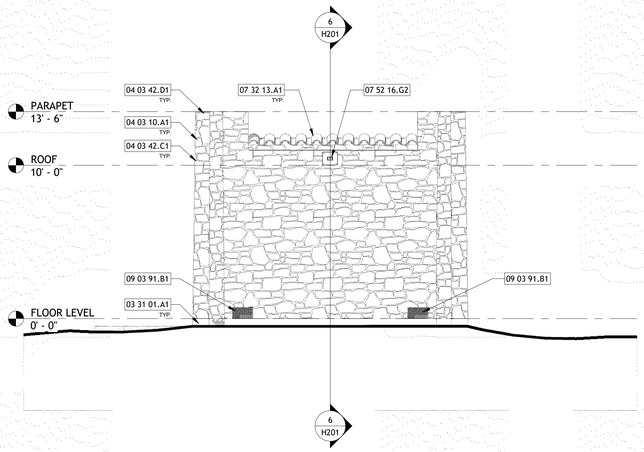
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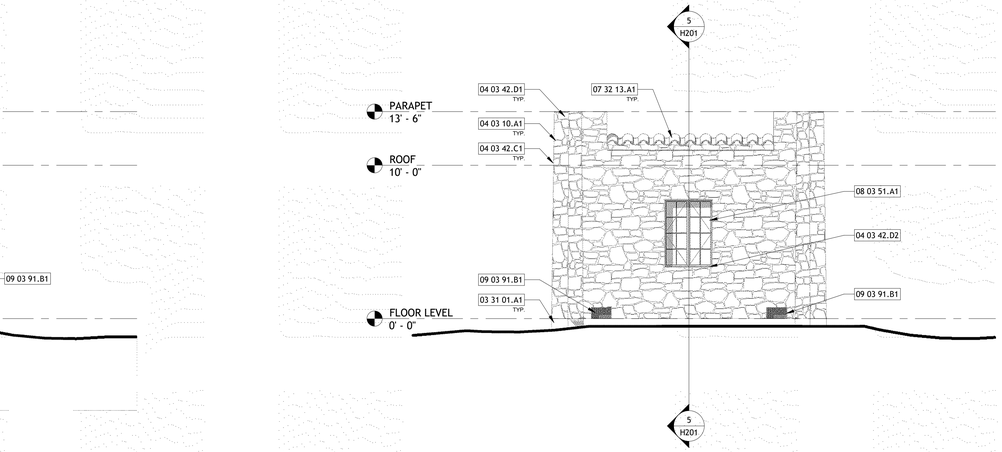
1 REHABILITATION WEST BUILDING ELEVATION
1/4" = 1'-0"



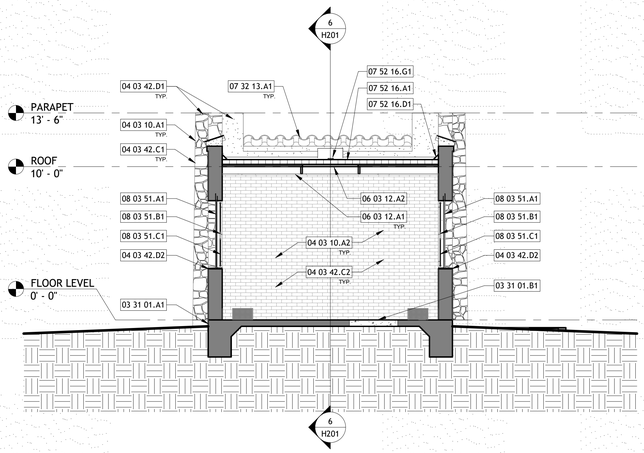
2 REHABILITATION SOUTH BUILDING ELEVATION
1/4" = 1'-0"



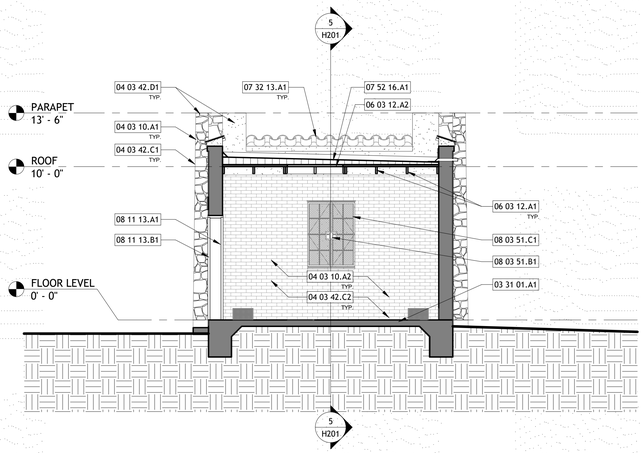
3 REHABILITATION EAST BUILDING ELEVATION
1/4" = 1'-0"



4 REHABILITATION NORTH BUILDING ELEVATION
1/4" = 1'-0"



5 TRANSVERSE BUILDING SECTION
1/4" = 1'-0"



6 LONGINTUDINAL BUILDING SECTION
1/4" = 1'-0"

HP GENERAL NOTES - ELEVATIONS

NUMBER	NOTES
1	ALL ELEMENTS OF THE FAÇADE ARE TO HAVE EXISTING SEALANTS REMOVED AND ARE TO BE RESEALED. THE PERIMETERS OF ALL HOSE BIBS, LIGHT FIXTURES, PIPES, VENTS, ELECTRICAL BOXES, AND OTHER EXTERIOR ENVELOPE PENETRATIONS SHALL BE SEALED.
2	DRAWINGS MAY NOT INDICATE ALL EXISTING CRACKS IN MASONRY. GENERAL CONTRACTOR TO BASE MASONRY REPAIR AND REPOINTING ESTIMATES UPON ACTUAL FIELD CONDITIONS. REFER TO SPECIFICATION SECTION 04 0342 - HISTORIC MASONRY REPAIR AND REPOINTING.
3	DUE TO VARIATION IN WEATHERING AND PATINA OF THE HISTORIC POINTING MORTAR, REPOINTING MAY REQUIRE MORE THAN ONE MORTAR COLOR SELECTION PER FAÇADE. MULTIPLE REPOINTING MORTAR COLORS MAY BE REQUIRED.
4	ALL BRICK MASONRY IS INTENDED TO RETAIN OR REVEAL ITS NATURAL AND UNPAINTED FINISH.
5	BACK PRIME ALL HISTORIC WOOD MATERIALS TEMPORARIALLY REMOVED PRIOR TO RE-INSTALLATION. PRIME AND PAINT ALL EXPOSED SURFACES OF HISTORIC WOOD MATERIALS AS INDICATED IN PAINT SCHEDULE.
6	BACK PRIME ALL NEW AND REPAIR WOOD MATERIALS ON ALL SIX SIDES PRIOR TO INSTALLATION. PRIME AND PAINT ALL EXPOSED SURFACES OF NEW AND REPAIR WOOD MATERIALS AS INDICATED IN PAINT SCHEDULE.
7	CAREFULLY EXTRACT INVASIVE VINES IMBEDDED IN GAPS BETWEEN WINDOW AND DOOR FRAMES AT MASONRY OPENINGS.
8	CLEAN BIOLOGICAL GROWTH AND ENVIRONMENTAL STAINS FROM MASONRY SURFACES USING GENTLEST MEANS POSSIBLE.
9	PATCH AND REPAIR HOLES FROM FORMER UTILITY CONNECTIONS WITH APPROPRIATE LIME-BASED PATCH MATERIALS.
10	REMOVE PREVIOUS INAPPROPRIATE PORTLAND CEMENT PATCHES AND REPAIRS. REPLACE WITH APPROPRIATE LIME-BASED MORTAR REPAIR MATERIALS.
11	REMOVE DETERIORATED MASONRY JOINTS AND REPOINT USING APPROPRIATE LIME-BASED MORTAR MATERIALS.
12	REINFORCE SEVERE THROUGH-WALL CRACKS WITH CONCEALED STAINLESS STEEL AND/OR CARBON FIBER DEVICES.
13	REPLACE SEVERELY DAMAGED MASONRY BLOCKS THAT CANNOT BE PATCH REPAIRED WITH NEW OR SALVAGED LIMESTONE WITH SIMILAR PHYSICAL AND AESTHETIC PROPRERTIES.
14	APPLY CONSOLIDANTS, SEALER, AND GRAFFITI-RESISTANT COATINGS AS REQUIRED TO AID IN PROTECTION OF OF MASONRY SURFACES FROM WEATHERING AND VANDALISM.
15	REFER TO WINDOW REHABILITATION SPECIFICATIONS AND WINDOW SCHEDULE FOR HISTORIC METAL CASEMENT WINDOW REHABILITATION WORK.
16	RESTORE ALL METAL CASEMENT WINDOW COMPONENTS THAT ARE NOT TOO SEVERELY DETERIORATED, INCLUDING SASH RAILS, STILES, MUNTIN BARS, GLAZING COMPOUND AND GLASS.
17	REPLACE MISSING OR SEVERELY DAMAGED METAL CASEMENT WINDOWS AND/OR WINDOW COMPONENTS TO MATCH DIMENSIONS, AND PROFILES OF HISTORIC WINDOWS.
18	PROVIDE APPROPRIATE SEALANTS AS SCHEDULED IN SPECIFICATIONS AT CRACKS, JOINTS, AND JUNCTURES BETWEEN BUILDING COMPONENTS.

ARCHITECTURAL KEYNOTES

KEYNOTE NUMBER	KEYNOTE
03 31 01.A1	CLEAN AND REPAIR DAMAGED HISTORIC CAST-IN-PLACE CONCRETE. REFER TO STRUCTURAL DOCUMENTS. TYPICAL.
03 31 01.B1	PATCH AND REPAIR EXISTING CONCRETE FOUNDATION WHERE PUMPING EQUIPMENT PREVIOUSLY PENETRATED SLAB. REFER TO STRUCTURAL DRAWINGS AND SPECIFICATIONS.
04 03 10.A1	CLEAN DIRT, PAINT, ATMOSPHERIC POLLUTANTS, METALLIC STAINS, AND BIOLOGICAL GROWTH FROM EXTERIOR SURFACES OF HISTORIC LIMESTONE MASONRY USING LOW-PRESSURE WATER, NON-ACIDIC MASONRY CLEANING SOLUTIONS, AND HAND BRUSHES USING METHOD APPROVED BY HISSTORIC ARCHITECT AFTER MOCKUP PROCESS, TYPICAL. REFER TO SPECIFICATION SECTION 04 03 10.
04 03 10.A2	CLEAN DIRT, PAINT, ATMOSPHERIC POLLUTANTS, METALLIC STAINS, AND BIOLOGICAL GROWTH FROM INTERIOR SURFACES OF HISTORIC BRICK MASONRY USING LOW-PRESSURE WATER, NON-ACIDIC MASONRY CLEANING SOLUTIONS, AND HAND BRUSHES USING METHOD APPROVED BY HISSTORIC ARCHITECT AFTER MOCKUP PROCESS, TYPICAL. REFER TO SPECIFICATION SECTION 04 03 10.
04 03 42.C1	REPOINT HISTORIC LIMESTONE MASONRY WHERE NEEDED, POINTING MORTAR USING SMALL HAND TOOLS , AND POWER TOOLS TO REMOVE FAILED POINTING MORTAR AND REPLACING WITH AN HISTORICALLY APPROPRIATE POINTING MORTAR TO REPLICATE HISTORIC TOOLING, TYPICAL. ASSUME 75% POINTING MORTAR REPLACEMENT. REF. SPECIFICATION SECTIONS 04 03 42 AND 04 15 50.
04 03 42.C2	REPOINT HISTORIC BRICK MASONRY WHERE NEEDED, POINTING MORTAR USING SMALL HAND TOOLS, AND POWER TOOLS TO REMOVE FAILED POINTING MORTAR AND REPLACING WITH AN HISTORICALLY APPROPRIATE POINTING MORTAR TO REPLICATE HISTORIC TOOLING, TYPICAL. ASSUME 75% POINTING MORTAR REPLACEMENT. REF. SPECIFICATION SECTIONS 04 03 42 AND 04 15 50.
04 03 42.D1	PARGE TOP AND INSIDE SURFACES OF MASONRY PARAPET WALL PRIOR TO NEW ROOF INSTALLATION.
04 03 42.D2	PARGE TOP OF MASONRY WINDOW SILL - SLOPE TO POSITIVELY DRAIN AWAY FROM WINDOW FRAME.
06 03 12.A1	REPAIR, PATCH OR REPLACE DETERIORATED HISTORIC WOOD ROOF STRUCTURE AND DECKING PRIOR TO RE-ROOFING. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
06 03 12.A2	INFILL FORMER ROOF HATCH OPENING WITH WOOD FRAMING AND DECKING TO MATCH EXISTING PRIOR TO RE-ROOFING. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
07 32 13.A1	CLEAN AND REPAIR HISTORIC CLAY BARREL TILE PARAPET CAP. REPLACE BROKEN TILES WITH IN-KIND MATERIAL. RESECURE LOOSE TILE UNITS WITH NEW LIME MORTAR.
07 52 16.A1	TORCH-APPLIED MODIFIED BITUMEN ROOFING SYSTEM WITH BASE SHEET AND CAP SHEET.
07 52 16.D1	4" X 4" FIBER CANT STRIPS SET IN ROOF CEMENT ADHERED TO POLYISOCYANURATE WITH TORCH-APPLIED MODIFIED BITUMEN BASE FLASHING.
07 52 16.G1	6" X 6" 24 GA. STAINLESS STEEL THROUGH-WALL SCUPPER DRAIN SLEEVE WITH CANT ANGLE AND 6" FLANGE. SOLDER ALL JOINTS WATERTIGHT. SET IN MASTIC AND SECURE AT 3' O.C.
07 52 16.G2	24 GA. PREFINISHED METAL SCUPPER CLOSURE TRIM. ANCHOR WITH DRIVE PINS WITH NEOPRENE WASHERS AT EACH CORNER.
08 03 51.A1	REPAIR AND REFINISH HISTORIC STEEL INDUSTRIAL WINDOW. REMOVE ALL CORROSION AND LOSE COATING TO BARE METAL. REPLACE PORTIONS OF FRAME EXHIBITING EXCESSIVE CORROSION WITH METAL COMPONENTS TO MATCH EXISTING PROFILES. PRIME, SEAL IN GLASS WITH SILICONE, AND APPLY TWO-COAT PROTECTIVE COATING AS SPEC D. REFER TO WINDOW AND PAINT SCHEDULES.
08 03 51.B1	REHABILITATE ORIGINAL HARDWARE, IF PRESENT, OR REPLACE WITH APPROPRIATE NEW HARDWARE, TO ACHIEVE ORIGINAL OPERABILITY. REFER TO WINDOW SCHEDULE.
08 03 51.C1	REHABILITATE METAL WINDOW SECURITY BARS. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.
08 11 13.A1	NEW HOLLOW METAL DOOR. PRIME AND PAINT. REF. DOOR SCHEDULE.
08 11 13.B1	NEW HOLLOW METAL DOOR FRAME. PRIME AND PAINT PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91. REFER TO DOOR AND HARDWARE SCHEDULES.
09 03 91.B1	CLEAN, PREPARE, PRIME AND PAINT EXISTING HISTORIC METAL VENTILATION GRILLE PER PAINT SCHEDULE IN SPEC. SECTION 09 03 91.

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Revisions

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Scale

North

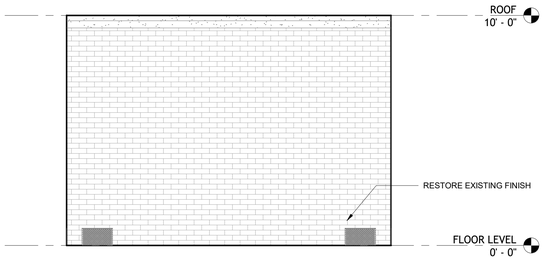
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REHABILITATION BUILDING ELEVATIONS & SECTIONS

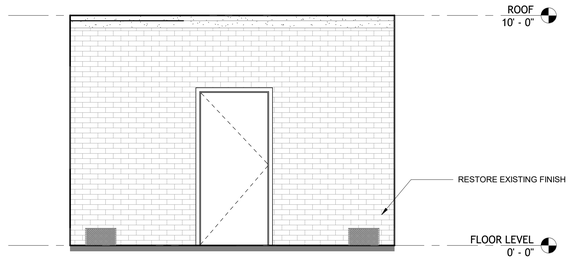
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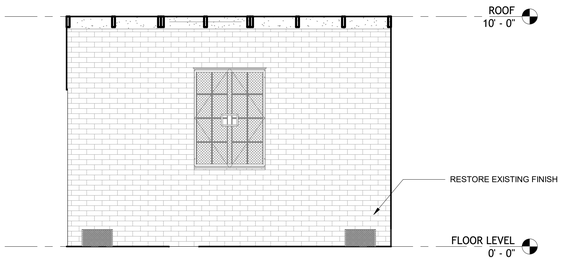
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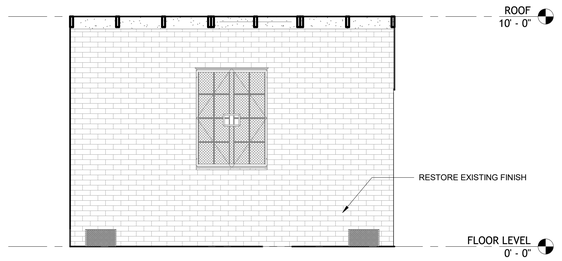
6 INTERIOR ELEVATION - EAST
3/8" = 1'-0"



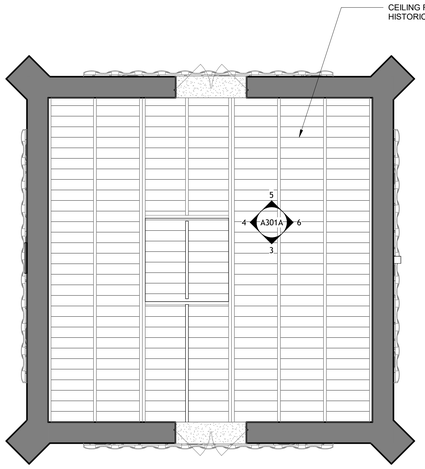
4 INTERIOR ELEVATION - WEST
3/8" = 1'-0"



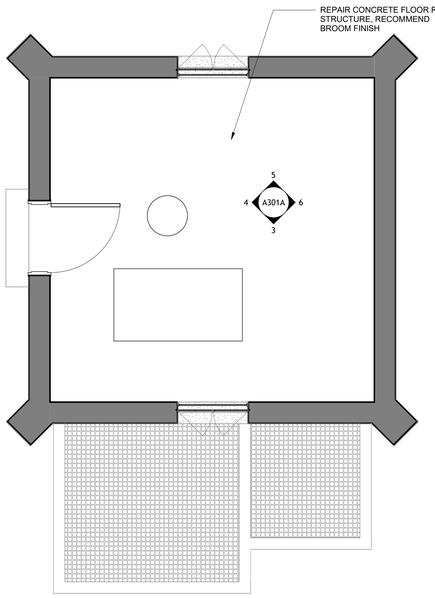
5 INTERIOR ELEVATION - NORTH
3/8" = 1'-0"



3 INTERIOR ELEVATION - SOUTH
3/8" = 1'-0"



2 INTERIOR FINISH-OUT RCP
3/8" = 1'-0"



1 INTERIOR FINISH-OUT FLOOR PLAN
3/8" = 1'-0"

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ADD-ALTERNATE PUMP STATION #3

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A301A

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MECHANICAL GENERAL NOTES, ABBREVIATIONS & SYMBOLS

[SOME SYMBOLS MAY NOT BE USED ON THIS PROJECT]

ABBREV. DESCRIPTION

ABBREV.	DESCRIPTION
ABV	ABOVE
AC	ABOVE CEILING
A/C	AIR CONDITIONED
ACC	AIR COOLED CHILLER
AD	ACCESS DOOR
AF	AIR FOIL
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AMCA	AIR MOVING AND CONDITIONING ASSOCIATION, INC.
AP	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ARI	AIR CONDITIONING & REFRIGERATION INSTITUTE
ANSI	AMERICAN NATIONAL STANDARD INSTITUTE
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
AV	AUTOMATIC AIR VENT ASSEMBLY
B	BOILER
BDD	BACK DRAFT DAMPER
BHP	BRAKE HORSEPOWER
BI	BACKWARD INCLINED
BLDG	BUILDING
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BSMT	BASEMENT
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CHP	CHILLED WATER PUMP
CHS/R	CHILLED WATER SUPPLY / RETURN
CLG	CEILING
CO	CLEANOUT
COND	CONDENSATE
CONN	CONNECTION
CONT	CONTINUATION
CP	CONTROLLABLE PITCH
CT	COOLING TOWER
CU	CONDENSING UNIT
CW	COLD WATER
CWP	CONDENSING WATER PUMP
C	CENTER LINE
D	DRAIN
DB	DRY BULB
DCP	DATA COLLECTION PANEL
DDC	DIRECT DIGITAL CONTROL
DEG	DEGREE
DG	DOOR GRILLE
DIA	DIAMETER
DPT	DEW POINT TEMPERATURE
DWG	DRAWING
DX	DIRECT EXPANSION
EA	EACH
EAT	ENTERING AIR TEMPERATURE
EDB	ENTERING DRY-BULB TEMPERATURE
EDH	ELECTRIC DUCT HEATER
EF	EXHAUST FAN
EFF	EFFICIENCY
ELEC	ELECTRICAL
ELEV	ELEVATION
EG	EXHAUST GRILLE
EHC	ELECTRICAL HEATING COIL
ENT	ENTERING
EQUIP	EQUIPMENT
ER	EXHAUST REGISTER
ESP	EXTERNAL STATIC PRESSURE
EWB	ENTERING WET-BULB TEMPERATURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
(E)	EXISTING
F	FAHRENHEIT
FA	FACE AREA
FC	FAN COIL
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FEF	FUME EXHAUST FAN
FLEX	FLEXIBLE
FLG	FLANGE
FLR	FIRE DAMPER
FM	FACTORY MUTUAL
FO	FLAT OVAL DUCT
FPM	FEET PER MINUTE
FT	FEET, FOOT
FS	FLOW SWITCH
GAL	GALLON
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
HWS/R	HOT WATERUPPLY/ RETURN

ABBREV. DESCRIPTION

ABBREV.	DESCRIPTION
HB	HOSE BIBB
HP	HORSEPOWER
HR	HOUR
HGT	HIGH, HEIGHT
HVAC	HEATING/VENTILATING/ AIR CONDITIONING
HWP	HOT WATER PUMP
HZ	HERTZ
ID	INSIDE DIAMETER
IE	INVERT ELEVATION (FLOW LINE)
IN	INCHES
IN WG	INCHES OF WATER
KW	KILOWATT(S)
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LDB	LEAVING DRY-BULB TEMPERATURE
LVR	LOUVER
MA	MIXED AIR
MAU	MAKEUP AIR HANDLING UNIT
MAX	MAXIMUM
MD	MANUAL DAMPER
MECH	MECHANICAL
MIN	MINIMUM
NA	NOT APPLICABLE
NC	NOISE CRITERIA
N.C.	NORMALLY CLOSED
(N)	NEW
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
OD	OUTSIDE DIAMETER
PBD	PARALLEL BLADE DAMPER
PCHP	PRIMARY CHILLED WATER PUMP
PD	PRESSURE DROP OR DIFFERENCE
PH	PHASE
PPB	PARTS PER BILLION
PRESS	PRESSURE
PRV	PRESSURE REDUCING VALVE
PSIG	POUNDS PER SQUARE INCH (GAUGE)
RA	RETURN AIR
RE: 4M6.01	REFER TO DETAIL 4, SHEET M6.01
REF	REFERENCE, CALLED OUT ELSEWHERE
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
SCH	SCHEDULE
SCHP	SECONDARY CHILLED WATER PUMP
SD	SMOKE DAMPER
SF	SUPPLY FAN
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
SP	STATIC PRESSURE
SQ.FT	SQUARE FEET
STD	STANDARD
SW	SWITCH
TEMP	TEMPERATURE
T'STAT	THERMOSTAT
TXV	THERMOSTATIC EXPANSION VALVE
TYP	TYPICAL
UF	UNDER FLOOR
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES
V-12	CONTROL VALVE NUMBER
VB	VALVE BOX
VEL	VELOCITY
VENT	VENTILATE
VF	VENTILATION FAN
VOL	VOLUME
VOLT	VOLTAGE
W	WIDE, WIDTH
W/	WITH
WB	WET BULB
W/O	WITHOUT

DUCTWORK SYMBOLS

GENERAL

- ROUND DUCT SECTION
- FLAT OVAL DUCT SECTION
- 12" — 12" DIA. ROUND DUCT
- 12"X24" — 12" BY 24" FLAT OVAL DUCT
- SUPPLY DUCT SECTION, POSITIVE PRESS.
- EXH., RET., O.A. DUCT SECTION NEGATIVE PRESS.
- 12/8 — DUCTWORK, FIRST NO. IS VISIBLE DIM.
- 12/8 — EXISTING DUCTWORK (LIGHT LINES)
- ACOUSTICALLY LINED DUCT
- A.D. A.D. — DUCT ACCESS DOOR
- FLEXIBLE CONNECTION (DUCT)
- R — CHANGE OF ELEVATION IN DIRECTION SHOWN R-RISE D-DROP
- BRANCH DUCT WITH VOLUME DAMPER
- SIDEWALL REGISTER
- DUCT WITH TURNING VANES
- 4" 12" — PROPORTIONAL SPLIT - DIMENSIONS INDICATE SPLIT
- PBD — DAMPER TYPE INDICATED (OBD, PBD)
- M PBD — MOTORIZED DAMPER TYPE INDICATED (OBD, PBD)
- VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS W/ VANES EVEN IF SYMBOL IS MISSING)
- VANED ELBOW (SHORT RADIUS)
- STANDARD RADIUS ELBOW
- LOUVER
- SUPPLY AIR DIFFUSER
- RETURN AIR GRILLE
- EXHAUST AIR GRILLE
- LINEAR SUPPLY AIR DEVICE
- LINEAR RETURN AIR DEVICE
- FLEXIBLE DUCT (SINGLE LINE REPRESENTATION)
- FLEXIBLE DUCT (SINGLE LINE REPRESENTATION)
- FLEXIBLE DUCT (DOUBLE LINE REPRESENTATION)
- FAN (SCHEMATIC)
- DPG — DIFFERENTIAL PRESSURE GAUGE
- FSD — COMBINATION FIRE/SMOKE DAMPER AND SLEEVE (PROVIDE ACCESS DOOR)
- FD — FIRE DAMPER
- PBD — MANUAL VOLUME DAMPER TYPE INDICATED (OBD, PBD)

FITTINGS

- BLIND FLANGE
- CAP
- POINT OF CONNECTION
- POINT OF DISCONNECT
- COUPLING (JOINT)
- CROSS
- ELBOW, 90°
- ELBOW, 45°
- PIPE DROP
- PIPE RISER
- ELBOW, REDUCING (SHOW SIZE) — 2 / 4
- ELBOW, SHORT RADIUS — SR
- REDUCER, CONCENTRIC
- REDUCER, ECCENTRIC
- TEE
- TEE, OUTLET UP
- TEE, OUTLET DOWN
- TEE, REDUCING (SHOW SIZES) — 6 / 4 / 2
- UNION, FLANGED
- UNION, SCREWED
- FLANGED CONNECTION

MANUAL VALVES

- AIR — A
- ANGLE
- BALL
- BUTTERFLY
- DIAPHRAGM
- GATE
- GLOBE
- PLUG
- ISOLATION
- BALANCING

AUTOMATIC CONTROL VALVES

- TWO-WAY
- TWO-WAY BUTTERFLY
- THREE-WAY

DRAWING SYMBOLS

- Z — KEYED NOTE 2
- 2 DETAIL 1/8" = 1'-0" — DETAIL NUMBER 2 AT A DRAWING SCALE OF 1 / 8" = 1' -0"
- 1 M-2 — SECTION ARROW - SECTION 1, SHEET M-2

DESCRIPTION DOUBLELINE SINGLE LINE

DESCRIPTION	DOUBLELINE	SINGLE LINE
DIRECTION OF FLOW		
DUCT SIZE, FIRST FIGURE IS SIDE SHOWN (DIMENSIONS ARE CLEAR INSIDE)	24x12	24x12
DUCT CAP		
RECTANGULAR DUCT DROP		
ROUND DUCT DROP		
SUPPLY DUCT TURNING UP		
SUPPLY DUCT TURNING DOWN		
RETURN OR EXHAUST DUCT TURNING UP		
RETURN OR EXHAUST DUCT TURNING DOWN		
FLEXIBLE DIFFUSER DROP		
12" DIA. ROUND DUCT	12" ⌀	
12" BY 24" FLAT OVAL DUCT	12"x24"	
EXISTING DUCTWORK (LIGHT LINES)	12x8	
TRANSITION (ROUND TO ROUND) OR (SQUARE TO SQUARE)		
DUCT TRANSITION (SQUARE TO ROUND)		
TRANSITION TO REGISTER		
45° RECTANGULAR ELBOW		
90° RECTANGULAR ELBOW		
45° RADIUS ELBOW		

AIR CONDITIONING

CR	CONDENSER WATER RETURN
CS	CONDENSER WATER SUPPLY
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
HHWR	HEATING WATER RETURN
HHWS	HEATING WATER SUPPLY
CD	CONDENSATE
R	REFRIGERANT LINESET
RL	REFRIGERANT LIQUID
RG	REFRIGERANT GAS
RS	REFRIGERANT SUCTION
LG	LOW PRESSURE NATURAL GAS
MG	MEDIUM PRESSURE NATURAL GAS
HG	HIGH PRESSURE NATURAL GAS
LP	LOW PRESSURE PROPANE GAS
MP	MEDIUM PRESSURE PROPANE GAS
HP	HIGH PRESSURE PROPANE GAS

CONTROLS

T	THERMOSTAT - REMOTE BULB
T TU-1-01	THERMOSTAT SERVING TERMINAL UNIT TU-1-01
H 3	HUMIDISTAT SERVING ZONE 3
F	FIRESTAT
TS	TEMPERATURE SENSOR
H	HUMIDITY SENSOR
C	CARBON DIOXIDE SENSOR

GENERAL NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR MOST ACCURATE LOCATIONS OF WALLS, CEILING GRIDS AND OTHER ARCHITECTURAL ELEMENTS. SHIFT LOCATION OF DIFFUSERS AS REQUIRED TO CONFORM TO ARCHITECTURAL CEILING GRID. WHERE DIFFUSER LOCATIONS ON ARCHITECTURAL AND MECHANICAL DRAWINGS DIFFER SIGNIFICANTLY, NOTIFY ENGINEER.
2. INSTALL BALANCING DAMPER AT BRANCH TAKE-OFF TO EVERY SUPPLY REGISTER AND EVERY EXHAUST REGISTER. DO NOT INSTALL DAMPERS IN TRANSFER DUCTS.
3. THERMOSTATS SHALL BE MOUNTED AT 48" A.F.F., WITH ALL CONTROL BUTTONS AND OPERATORS NOT HIGHER THAN 48" A.F.F.
4. PROGRAM EACH THERMOSTAT. SCHEDULES AND TEMPERATURES TO SUIT OWNER'S NEED. GIVE OWNER A RECORD OF ALL SETTINGS.
5. DUCT SHALL BE GALVANIZED SHEET METAL EXCEPT WHERE NOTED. CONFORM TO SMACNA DUCT CONSTRUCTION STANDARDS AND MECHANICAL CODE. CONNECT TO REGISTERS WITH FLEX MASTER TYPE 8 INSULATED (MINIMUM R-VALUE EQUAL TO R-8) OR EQUIVALENT FLEX DUCT, EXCEPT WHERE NOTED. DO NOT USE MORE THAN 6 FOOT LENGTH FLEX DUCT TO CONNECT TO A REGISTER.
6. PROVIDE AND INSTALL ALL DUCT TRANSITIONS AND OFFSETS AS REQUIRED ALTHOUGH NOT SHOWN.
7. THESE DRAWINGS INDICATE THE GENERAL EXTENT OF THE WORK AND ARE NOT INTENDED TO INDICATE OR DESCRIBE ALL WORK REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
8. CONTRACTOR IS RESPONSIBLE TO COORDINATE HIS WORK WITH OTHER TRADES, PARTICULARLY TO PREVENT THE WORK OF OTHER TRADES ENTERING SPACE REQUIRED FOR DUCT AND HVAC EQUIPMENT.
9. DO NOT OPERATE HVAC EQUIPMENT DURING OTHER CONSTRUCTION OPERATIONS UNLESS ALL RETURN INLETS ARE PROTECTED WITH TEMPORARY FILTERS. ALL DUCT AND HVAC EQUIPMENT SHALL BE COMPLETELY CLEAN INTERNALLY UPON COMPLETION OF WORK.
10. PERFORM AIR BALANCE TO ALL CFM FLOWS INDICATED. PROVIDE MARKED UP PLANS INDICATING FINAL BALANCING DATA.
11. COMPLETE AND ADJUST SYSTEMS TO PROPER OPERATION. DEMONSTRATE PROPER OPERATION OF ALL SYSTEMS TO OWNER'S PERSONNEL PRIOR TO COMPLETION OF WORK.
12. ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH IBC, IMC, IPC, NFC AND NFPA; THE STATE OF TEXAS AND THE APPROVING AUTHORITIES.
13. HYDRONIC SYSTEMS SHALL BE COMMISSIONED IN ACCORDANCE TO IECC 2018.
14. ALL EQUIPMENT ABOVE CEILING SPACE TO MAINTAIN MANUFACTURER REQUIRED AND CODE REQUIRED CLEARANCES.
15. NOT ALL PIPING OFFSETS ARE INDICATED ON PLAN. COORDINATE ROUTING OF PIPING WITH OTHER HVAC SYSTEMS AND OTHER DISCIPLINES. PROVIDE OFFSETS AND RISES IN JOIST WHERE REQUIRED TO AVOID CONFLICTS. ARRANGE PIPING, PARTICULARLY ABOVE CEILING, AS REQUIRED TO CLEAR STRUCTURE, DUCTS, CONDUIT, ETC. ALLOWING SPACE FOR PIPE HANGERS, EXPANSION LOOPS AND ACCESS TO VALVES, FILTERS AND MAINTENANCE OF EQUIPMENT.
16. FURNISH AIR VENTS AT ALL HIGH SPOTS ON HYDRONIC PIPING.
17. COORDINATE LOCATION OF ALL HVAC EQUIPMENT, DUCT PENETRATIONS, AND PIPE PENETRATIONS WITH STRUCTURAL ENGINEER PRIOR TO CREATING OPENINGS OR SETTING EQUIPMENT.
18. PLENUM SPACE ABOVE ALL CEILINGS IS THE RETURN AIR PLENUM. ALL MATERIALS WITHIN OR IN CONTACT WITH THE PLENUM SHALL BE PLENUM RATED.
19. DRAINS FROM CONDENSATE DRAIN PANS SHALL BE TRAPPED. SLOPE CONDENSATE PIPE PER CODE.
20. PROVIDE 1/2" DRAIN VALVES AND CAPPED CONNECTIONS AT LOW POINTS IN PIPING SYSTEMS FOR DRAINAGE.
21. PROVIDE SWING JOINTS FOR RUN-OUTS AND BRANCH PIPING FROM MAINS FOR EXPANSION MOVEMENT.
22. CORRECT SETTING ON BALANCING FITTINGS SHALL BE PERMANENTLY MARKED.
23. PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH THE SPECIFICATION. ADDITIONAL SUPPORTS OR HANGERS SHALL BE ADJACENT TO ELBOWS TO PREVENT WEIGHT OF PIPING BEING PLACED ON THE EQUIPMENT. ALL CHILLED WATER ACCESSORIES MATERIAL SHALL BE ONLY BRASS OR BRONZE NICKEL.
24. PROVIDE UNION OR FLANGED CONNECTIONS AT EACH PIECE OF EQUIPMENT AND ON BOTH SIDES OF CONTROL VALVES AND PRESSURE REGULATING VALVES. PROVIDE SHUT-OFF VALVES ON BOTH SIDES OF AUTOMATIC VALVES.
25. REFER TO SPECIFICATIONS FOR DUCTWORK AND PIPING INSULATION REQUIREMENTS. DUCT SIZES ON MECHANICAL PLANS INDICATE CLEAR INSIDE DIMENSIONS. INCREASE SHEET METAL SIZES ACCORDINGLY TO ACCOUNT FOR THICKNESS OF DUCT LINER.
26. CONTRACTOR SHALL SUBMIT FULLY COORDINATED SHOP DRAWINGS SHOWING ALL MECHANICAL EQUIPMENT AND DEVICES FOR REVIEW BY THE DESIGN TEAM PRIOR TO ROUGH-IN. CONTRACTOR SHALL INCLUDE ALL PROPOSED EQUIPMENT LOCATIONS IN DRAWINGS. THIS INCLUDES ALL MAJOR EQUIPMENT ROOMS.
27. LOCATIONS OF MECHANICAL EQUIPMENT AND DEVICES ARE DIAGRAMMATIC. EXACT LOCATIONS SHALL BE COORDINATED WITH OTHER DISCIPLINES AND DETERMINED IN THE FIELD. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY CONFLICTS PRIOR TO ROUGH-IN.

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SAN ANTONIO, TX 78232

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WGI ENGINEERING
HYDROLOGY
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Engineer: JOSHUA BAUMGARTNER
PE Reg. No.: 119197
Company Name: CNG ENGINEERING, PLLC.
TBPELS Firm. No.: F-7964
Date: 05/30/2025

Revisions

Dat
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale North

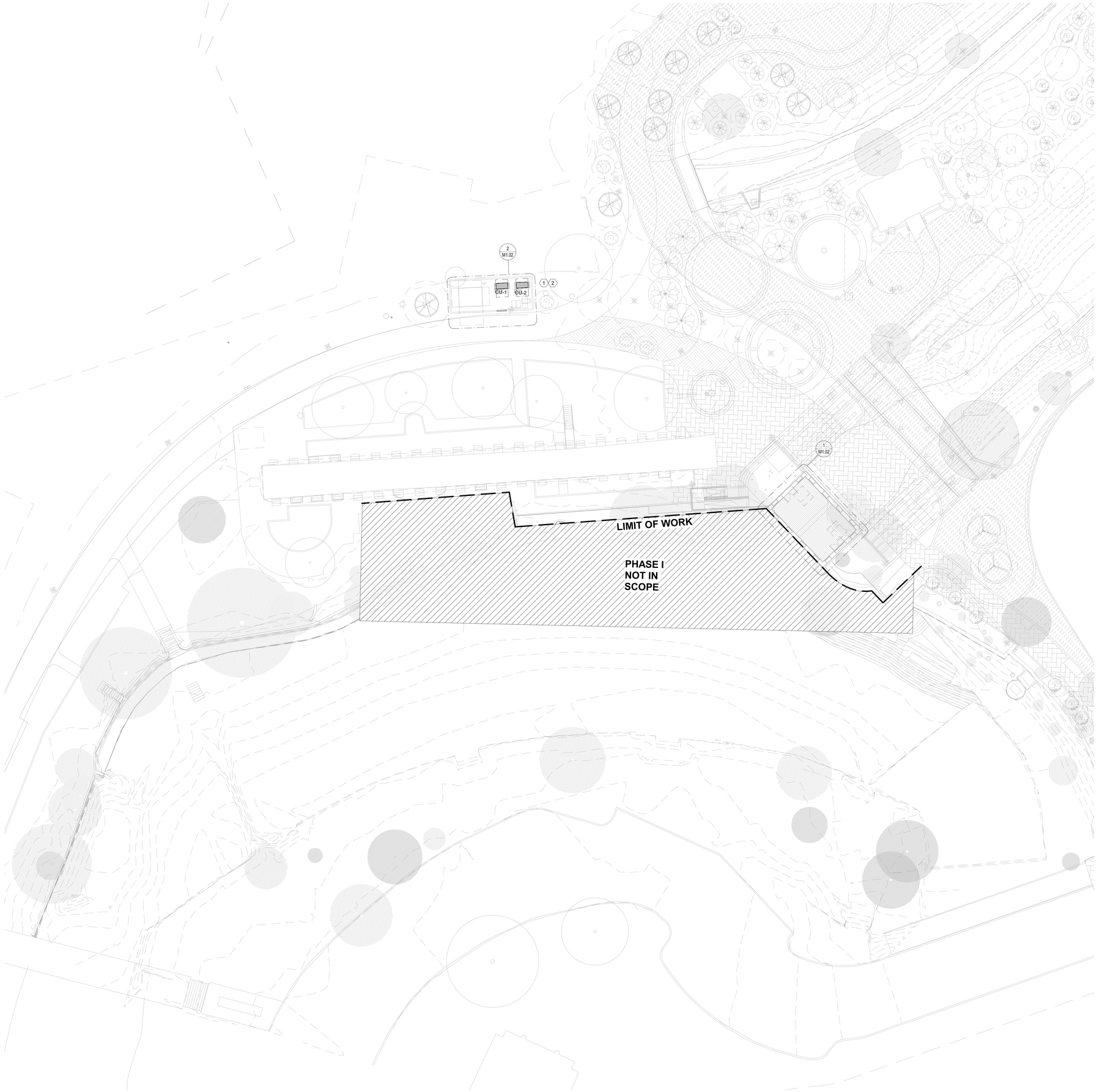
Drawing Title

MECHANICAL SYMBOLS & ABBREVIATIONS

Drawing Number

M0.00

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1 **MECHANICAL PARTIAL SITE PLAN - NEW WORK**
SCALE: 1/16" = 1'-0"

GENERAL NOTES:

A. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BID. THIS DRAWING IS FOR GENERAL GUIDANCE ONLY. SOME ITEMS SHOWN MAY ALREADY BE REMOVED. SOME MATERIALS AND EQUIPMENT NOT SHOWN MAY BE WITHIN THE SCOPE OF WORK TO BE REMOVED.

KEYED NOTES:

1. REFRIGERANT LINES (NOT SHOWN) TO BE ROUTED UNDERGROUND FROM DX FAN COIL UNIT TO ASSOCIATED CONDENSING UNIT PER MANUFACTURER'S INSTRUCTIONS. PROVIDE WITH SAND BEDDING FOR UNDERGROUND ROUTING. INSULATE HOT GAS REHEAT LINE AND SUCTION LINE WHERE PIPES ARE RUN TOGETHER; LIQUID LINE DOES NOT REQUIRE INSULATION. COORDINATE LINE ROUTING WITH EXISTING CONDITIONS AND OTHER TRADES.

2. BASIS OF DESIGN COOLING, HEATING, AND REHEAT CAPACITY FOR EACH SYSTEM ARE BASED ON A MAXIMUM REFRIGERANT LINE LENGTH OF 177' 0", MAXIMUM LIFT OF 10' 0", AND A MAXIMUM OF (5) 90-DEGREE ELBOWS. ANY DEVIATION MORE STRINGENT FROM THE ABOVE PARAMETERS SHALL BE COORDINATED WITH ENGINEER OF RECORD AND OTHER TRADES.



2 **KEYPLAN**
NOT TO SCALE

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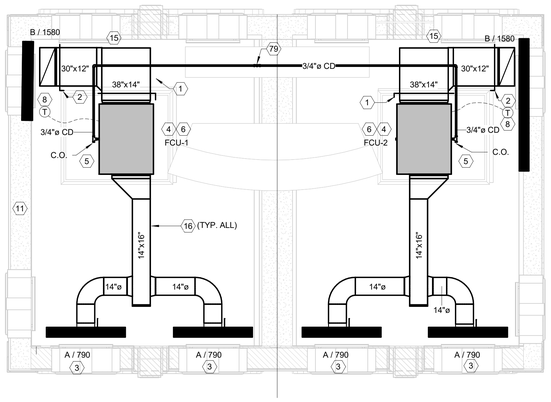
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MECHANICAL SITE PLAN

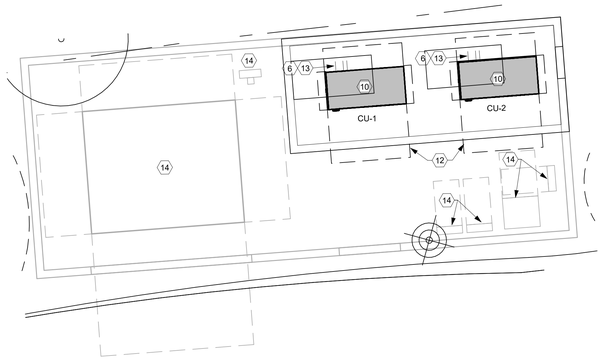
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1 PUMP HOUSE MECHANICAL PLAN - NEW WORK
SCALE: 1/4" = 1'-0"



2 PUMP HOUSE REMOTE CONDENSING UNITS
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. ALL DUCTWORK INCLUDING SUPPLY PLENUMS SHALL BE INTERNALLY LINED WITH MINIMUM R-8 INSULATION. DIMENSIONS ON PLAN ARE FREE AIRSTREAM DIMENSIONS. SHEET METAL SIZES SHALL BE INCREASED ACCORDINGLY.

B. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BID. THIS DRAWING IS FOR GENERAL GUIDANCE ONLY, SOME ITEMS SHOWN MAY ALREADY BE REMOVED. SOME MATERIALS AND EQUIPMENT NOT SHOWN MAY BE WITHIN THE SCOPE OF WORK TO BE REMOVED.

KEYED NOTES:

1. MANUAL BALANCING DAMPER, RETURN AIR. IF NOT ACCESSIBLE FROM FLOOR HATCH, BALANCING DAMPER SHALL BE EXTERNAL CABLE OPERATED WITH CABLE ROUTED OUTSIDE DUCT TO FLOOR HATCH.
2. PROVIDE BIRDSCREEN AND MANUAL BALANCING DAMPER ON OUTSIDE AIR DUCT. PROVIDE WITH GRAVITY BACKDRAFT DAMPER TO PREVENT AIRFLOW INTO THE RETURN DUCT WHEN FAN IS NOT ENERGIZED. IF NOT ACCESSIBLE FROM FLOOR HATCH, BALANCING DAMPER SHALL BE EXTERNAL CABLE OPERATED WITH CABLE ROUTED OUTSIDE DUCT TO FLOOR HATCH. BALANCE TO 200 CFM.
3. PROVIDE 60"X6" SUPPLY PLENUM AND CONNECT TO LINEAR FLOOR SUPPLY GRILLE. HEIGHT OF PLENUM SHALL BE AS REQUIRED FOR SUPPLY DUCT TO TAP INTO PLENUM, A MINIMUM OF 16". PROVIDE INTERNAL CABLE OPERATED BALANCING DAMPER AND ROUTE CABLE INSIDE DUCT TO SUPPLY GRILLE.
4. HORIZONTAL DUCTED DX FAN COIL UNIT AS SCHEDULED. MOUNT ON SERVICE PLATFORM ON 1" ELASTOMERIC VIBRATION ISOLATION PADS. INSTALL PER MANUFACTURERS REQUIREMENTS, AND COORDINATE INSTALLATION WITH OTHER TRADES.
5. COORDINATE FLOOR HATCH WITH ARCHITECT AND HISTORIC ARCHITECT TO PROVIDE ACCESS TO DX FAN COIL UNIT FOR MAINTENANCE AND EQUIPMENT REMOVAL PER IMC 306.4 AND MANUFACTURER'S REQUIREMENTS.
6. ROUTE REFRIGERANT PIPING UNDERGROUND FROM DX FAN COIL UNIT TO HEAT PUMP CONDENSING UNIT PER MANUFACTURER'S INSTRUCTIONS. REFER TO MECHANICAL SITE PLAN FOR CONTINUATION. WHERE NOT BURIED, INSULATE HOT GAS REHEAT LINE AND SUCTION LINE; LIQUID LINE DOES NOT REQUIRE INSULATION. INSULATION SHALL BE MINIMUM 1" ELASTOMERIC WITH ALUMINUM JACKET. PAINT JACKET BELOW PUMP HOUSE AS DIRECTED BY HISTORIC ARCHITECT.
7. ROUTE PRIMARY CONDENSATE DRAIN BELOW FLOOR FROM EACH FCU AS SHOWN AT MINIMUM 1/8" PER FOOT TO PUMP AT THIS APPROXIMATE LOCATION, THEN UP FROM PUMP THROUGH FLOOR TO SINK TAILPIECE. PROVIDE WITH CONDENSATE PUMP WITH MIN. 5'0" HEAD AS REQUIRED TO LIFT CONDENSATE TO SINK TAILPIECE. FOLLOW ALL MANUFACTURER RECOMMENDATIONS. PROVIDE CONDENSATE TRAP AT EACH FCU PER DETAIL. SUPPORT PIPE FROM STRUCTURE PER CODE. PROVIDE CLEANOUTS PER CODE. COORDINATE FLOOR PENETRATION WITH ARCHITECT AND HISTORIC ARCHITECT. DO NOT PENETRATE EXISTING HISTORIC WALL.
8. TEMPERATURE/HUMIDITY SENSOR WITH UNOCCUPIED OVERRIDE. VERIFY LOCATION WITH ARCHITECT AND HISTORIC ARCHITECT AND OBTAIN APPROVAL FROM OHP REVIEWER BEFORE INSTALLING CONDUIT.
9. NOT USED.
10. DX HEAT PUMP CONDENSING UNIT AS SCHEDULED. PROVIDE CONCRETE HOUSEKEEPING PAD, MINIMUM 6" TALL. SEE SCHEDULE AND DETAILS. REFER TO MANUFACTURER REQUIREMENTS.
11. COORDINATE PENETRATION OF EXISTING HISTORIC WALL WITH STRUCTURAL ENGINEER AND HISTORIC ARCHITECT. SEAL WALL PENETRATION WITH PAINTABLE SEALANT AND PAINT TO MATCH WALL.
12. DIMENSIONS SHOWN ARE MANUFACTURER PROVIDED REQUIRED MINIMUM CLEARANCE FOR OPERATION. RE: MANUFACTURER PRODUCT DATA FOR FURTHER REQUIREMENTS. CLEARANCES MAY OVERLAP WITH ELECTRICAL CLEARANCES. ADDITIONALLY, MAINTAIN A MINIMUM OF 36" INCHES TO THE LEFT OF EACH UNIT FOR ACCESS TO POWER CONNECTION ON LEFT SIDE AND REFRIGERANT PIPING CONNECTIONS ON REAR.
13. ROUTE EACH REFRIGERANT PIPE DOWN THROUGH A SEPARATE PVC CARRIER PIPE UNTIL OUT FROM BELOW THE EQUIPMENT YARD CONCRETE. SEAL OPENINGS OF CARRIER PIPES WATER-TIGHT.
14. ELECTRICAL EQUIPMENT, RE: ELECTRICAL PLANS AND COORDINATE LOCATIONS AND CLEARANCES PRIOR TO INSTALLATION.
15. PROVIDE 102"X6" RETURN PLENUM AND CONNECT TO LINEAR FLOOR RETURN GRILLE. HEIGHT OF PLENUM SHALL BE AS REQUIRED FOR RETURN DUCT TO TAP INTO PLENUM, A MINIMUM OF 16".
16. ROUTE NEW DUCTWORK AS SHOWN. SIZE AS SHOWN ON PLAN. PROVIDE NEW FITTINGS AND TRANSITIONS AS REQUIRED. COORDINATE ROUTING WITH EXISTING CONDITIONS AND OTHER TRADES. SEE DETAILS.

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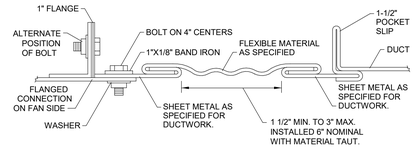
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MECHANICAL PLAN - NEW WORK

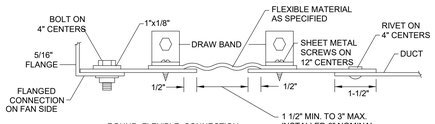
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RECTANGULAR FLEXIBLE CONNECTION



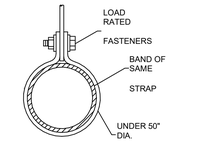
ROUND FLEXIBLE CONNECTION

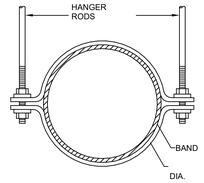
11 DUCT FLEXIBLE CONNECTION DETAIL
NOT TO SCALE

HANGER SIZING AND SPACING SCHEDULE					
MAX. DUCT DIA.	WIRE (DIA.)	ROD	STRAP	MAX. LOAD LBS.	MAX. SPACING FT.
10"	ONE 12 GA.	ONE 1/4"	ONE 1" x 22 GA.	260	12"
18"	TWO 12 GA.	ONE 1/4"	ONE 1" x 22 GA.	260	12"
24"	TWO 10 GA.	ONE 1/4"	ONE 1" x 22 GA.	260	12"
36"	TWO 8 GA.	ONE 3/8"	ONE 1" x 22 GA.	320	12"
50"	N/A	TWO 3/8"	TWO 1" x 20 GA.	700	12"
60"	N/A	TWO 3/8"	TWO 1" x 18 GA.	1320	12"
84"	N/A	TWO 1/2""	TWO 1" x 16 GA.	2500	12"

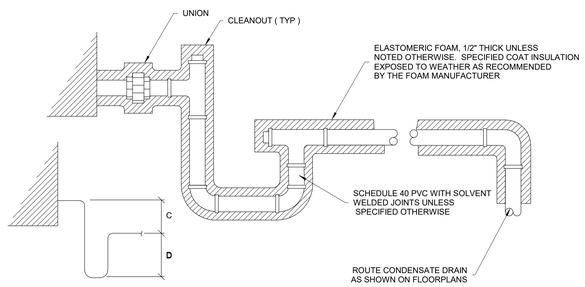
NOTE:

1. TABULATED DATA FROM SMACNA ALLOWS FOR DUCT REINFORCING AND INSULATION, BUT NO EXTERNAL LOAD.
2. STRAPS SHALL NOT BE USED ON EXPOSED DUCTWORK.





8 ROUND DUCT HANGER DETAIL1
SCALE: NOT TO SCALE

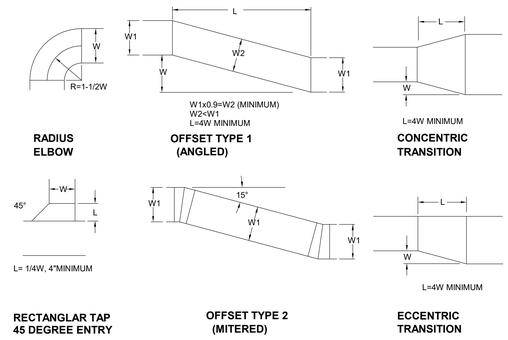


DRAW THRU UNIT TRAP CONFIGURATION

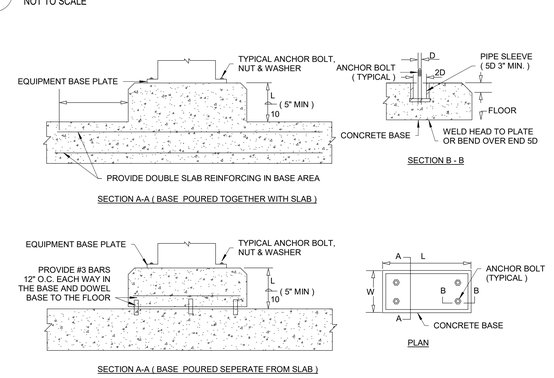
C = 1" + MAXIMUM TOTAL STATIC PRESSURE (IN. W.G.)

D = 0.5 X C

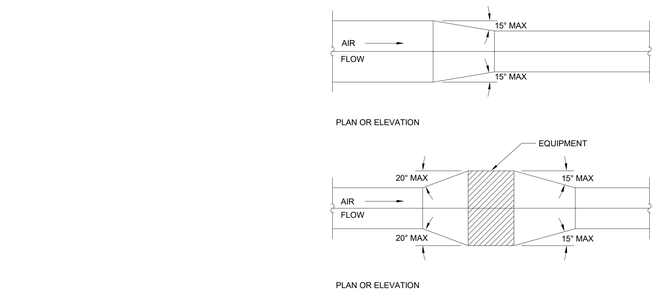
4 CONDENSATE TRAP AND DRAIN DETAIL1
SCALE: NOT TO SCALE



7 TYPICAL RECTANGULAR DUCT DETAIL1
SCALE: NOT TO SCALE



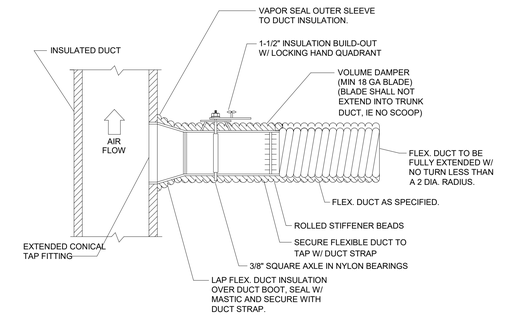
3 PIPING RISER CLAMP SUPPORT DETAIL1
SCALE: NOT TO SCALE



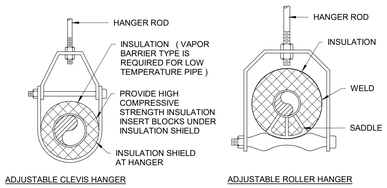
NOTE:

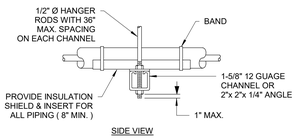
UNLESS OTHERWISE INDICATED ON PLANS, MAXIMUM ANGLES SHOWN ABOVE SHALL APPLY.

10 DUCT TRANSITION DETAIL1
SCALE: NOT TO SCALE



6 CONICAL SPIN TAP DETAIL1
NOT TO SCALE

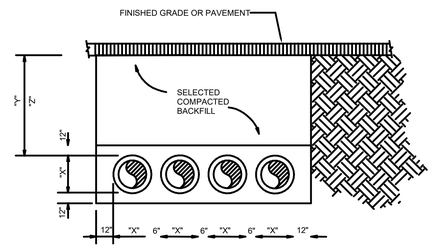




TRAPEZE HANGER FOR UP TO 1000 LB. UNIFORM LOAD

MAXIMUM PIPE/TUBING SUPPORT SPACING, FEET																	
NOM. SIZE	THRU 3/4"	1	1 7	1 7	2	2 7	3	4	5	6	8	10	12	14	16	18	20	24
PIPE	7 FT.	7	7	9	10	11	12	14	16	17	19	22	23	25	27	28	30	32
TUBING	5 FT.	6	7	8	8	9	10	12	13	14	16	-	-	-	-	-	-	-
NOTE: FOR TRAPEZE HANGER USE SPACING OF SMALLEST SIZE .																		

5 TYPICAL PIPE HANGER DETAIL1
SCALE: NOT TO SCALE



"X" = INSULATED PIPE DIAMETER(TYPICAL)

"Y" = 36" FOR AUTOMOTIVE TRAFFIC AREAS

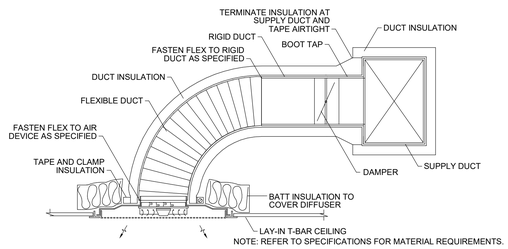
"Z" = 24" FOR NON TRAFFIC AREAS

H.V.A.C. PIPE TRENCH

2 PIPE BEDDING DETAIL
NOT TO SCALE

NOTES:
1. THIS DETAIL APPLIES TO EQUIPMENT NOT SPECIFIED TO BE MOUNTED ON SPRING ISOLATED BASES.
2. L AND W DIMENSIONS SHALL BE 6" GREATER THAN THE EQUIPMENT BASE PLATE.

1 EQUIPMENT PAD DETAIL1
SCALE: NOT TO SCALE



NOTE: REFER TO SPECIFICATIONS FOR MATERIAL REQUIREMENTS.

9 AIR DEVICE FLEXIBLE CONNECTION DETAIL
NOT TO SCALE

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SPLIT SYSTEM HEAT PUMP CONDENSING UNIT / FAN COIL UNIT SCHEDULE

OUTDOOR UNIT (HEAT PUMP)																INDOOR FAN COIL																	NOTES
TAG	SERVICE	EQUIPMENT CONFIGURATION			ELECTRICAL REQUIREMENTS				HEAT PUMP HEATING				MANUFACTURER (OR EQUAL)	MODEL NUMBER (OR EQUAL)	WEIGHT	TAG	LOCATION	SERVICE	COOLING COIL				RE-HEAT COIL		*FAN SUPPLY AIRFLOW (CFM)*	*FAN OUTSIDE AIRFLOW (CFM)*	*EXTERNAL STATIC PRESSUE (IN WC)*	MOTOR SIZE (HP)	ELECTRICAL REQUIREMENTS			MANUFACTURER (OR EQUAL)	MODEL NUMBER (OR EQUAL)	WEIGHT (LBS)	
		DX TYPE	REFRIGERANT TYPE	*OUTSIDE AMBIENT TEMP (DEG F BD)*	*MCA (AMPS)*	*MOCP (AMPS)*	SEER	VOLT/PH/HZ	ENTERING AIR TEMP (DEG F DB)	LEAVING AIR TEMP (DEG F DB)	*TOTAL CAPACITY (MBH)*	COP							ENTERING AIR TEMP (DEG F DB / WB)	LEAVING AIR TEMP (DEG F DB / WB)	*TOTAL CAPACITY (MBH)*	*SENSIBLE CAPACITY (MBH)*	*TOTAL CAPACITY (MBH)*	LEAVING AIR TEMP (DEG F DB / WB)					*MCA (AMPS)*	*MOCP (AMPS)*	VOLT/PH/HZ				
CU-1	FCU-1	HEAT PUMP	R-454B	105	24	40	14.20	208 / 3 / 60	69.1	88.5	37.9	4.16	AAON	CFA-004-A-A-8-LJ00H	550.0	AHU-1	BELOW...	PUMP HOUSE	78.8 / 64.3	55.0 / 54.5	46.0	40.8	17.3	65.0 / 58.4	1,580	200	0.75	2	10	15	208 / 1 or 3 / 60	AAON	H3-BRB-9-A-461C-000	575.0	ALL
CU-2	FCU-2	HEAT PUMP	R-454B	105	24	40	14.20	208 / 3 / 60	69.1	88.5	37.9	4.16	AAON	CFA-004-A-A-8-LJ00H	550.0	AHU-1	BELOW...	PUMP HOUSE	78.8 / 64.3	55.0 / 54.5	46.0	40.8	17.3	65.0 / 58.4	1,580	200	0.75	2	10	15	208 / 1 or 3 / 60	AAON	H3-BRB-9-A-461C-000	575.0	ALL

NOTES:
1. PROVIDE FACTORY INSTALLED LOUVERED HAIL GUARDS ON CONDENSING UNIT.
2. PROVIDE 2" FILTER RACKS SIZED TO FIT PER MANUFACTURER'S RECOMMENDATION.
3. ROUTE REFRIGERANT LINES FROM CONDENSING UNIT TO INDOOR UNIT PER MANUFACTURER'S RECOMMENDATIONS, RE: PLANS. SIZE REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO COORDINATE ANY REQUIRED OIL TRAPS AND OTHER REFRIGERANT PIPING APPURTENANCES WITH MANUFACTURER.
4. PROVIDE SINGLE POINT POWER CONNECTION FOR FAN COIL UNIT. PROVIDE SEPARATE SINGLE POINT POWER CONNECTION FOR CONDENSING UNIT.
5. PROVIDE SMOKE DETECTORS AND LOCATE PER LATEST ADOPTED CODE.
6. PROVIDE UNIT WITH FACTORY CONTROLS AND 7-DAY PROGRAMMABLE THERMOSTAT, RE: MECHANICAL CONTROLS.
7. EQUIPMENT MUST MEET ALL APPLICABLE CODES AND ENERGY EFFICIENCY STANDARDS.
8. PROVIDE MODULATING HOT GAS REHEAT COIL WITH CAPACITY TO REHEAT FULL CFM TO 65 DEG.
9. PROVIDE WITH CONDENSATE PUMP.
10. BASIS OF DESIGN COOLING, HEATING, AND REHEAT CAPACITY FOR EACH SYSTEM ARE BASED ON A MAXIMUM REFRIGERANT LINE LENGTH OF 177' 0", MAXIMUM LIFT OF 10' 0", AND A MAXIMUM OF (5) 90-DEGREE ELBOWS. ANY DEVIATION MORE STRINGENT FROM THE ABOVE PARAMETERS SHALL BE COORDINATED WITH ENGINEER OF RECORD AND OTHER TRADES.

AIR DEVICE SCHEDULE

TAG	AIR FLOW (CFM)	SUPPLY	RETURN	EXHAUST	NECK SIZE (IN)	MODULE SIZE (IN)	MAX TOTAL PRESSURE DROP (IN WC)	MAX NOISE (NC)	MATERIAL	MANUFACTURER	MODEL	NOTES
A	SEE PLAN	X			14" Ø	60 X 6	0.07	20	ALUMINUM	PRICE	LFG	1,2
B	SEE PLAN		X		--	102 X 6	0.07	20	ALUMINUM	PRICE	LFG	1,2

NOTES:
1. COLOR BY ARCHITECT.
2. PROVIDE WITH ADJUSTABLE DAMPER AS SHOWN ON PLANS.
3. USE PRICE LFG MANDREL CORE SELECTION FOR GRILLES.

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MECHANICAL SCHEDULES

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ELECTRICAL SYMBOLS & ABBREVIATIONS

[SOME SYMBOLS MAY NOT BE USED ON THIS PROJECT]

GENERAL

SYMBOL	DESCRIPTION
	MOTOR, HP AS INDICATED
	DISCONNECT SWITCH
	EQUIPMENT CONNECTION, HARD WIRED
	UTILITY POLE
	UTILITY TRANSFORMER POLE
	UTILITY PAD MOUNT TRANSFORMER

RACEWAYS (26 05 33)

—— OHE ——	OVERHEAD UTILITY LINE
—— UGE ——	**UNDERGROUND UTILITY LINE**
—— OHE ——	EXISTING OVERHEAD UTILITY LINE
—— UGE ——	EXISTING UNDERGROUND UTILITY LINE
– – – – –	NEW UNDERGROUND SECONDARY

APPLICABLE CODES

- 2021 INTERNATIONAL EXISTING BUILDING CODE
- 2021 INTERNATIONAL BUILDING CODE
- 2021 INTERNATIONAL FIRE CODE
- 2020 NATIONAL ELECTRICAL CODE
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE

RACEWAYS (cont.) (26 05 33)

PANEL–2,4,6 (IG G N)	BRANCH CIRCUIT HOMERUN, WITH PANEL AND BREAKER POSITION INDICATED. SMALL TICK(S) = PHASE CONDUCTORS; LARGE TICK = NEUTRAL CONDUCTOR AND LARGE TICK WITH CIRCLE = GROUND CONDUCTOR.

WIRING DEVICES (26 27 26)

(NUMBER ADJACENT TO SYMBOL INDICATES IN INCHES TO CENTERLINE ABOVE FINISHED FLOOR. SYMBOL WITHOUT NUMBER INDICATES 18" MOUNTING HEIGHT)

	SIMPLEX RECEPTACLE – 20A, 120V, 3W, NEMA 5–20R
	DUPLEX RECEPTACLE – 20A, 120V, 3W, NEMA 5–20R INSTALLED AT 48" AFF OR 4" ABOVE COUNTER TOP
TR	DUPLEX RECEPTACLE – 20A, 120V, 3W, NEMA 5–20R TR = TAMPER RESISTANT
WP	WEATHER RESISTANT, GFCI, DUPLEX RECEPTACLE – 20A, 125V, 3W, NEMA 5–20R WP = NEMA 3R WHILE IN USE U.N.O.
	SPECIAL PURPOSE RECEPTACLE – SEE DRAWINGS FOR NEMA RATING
	QUADRAPLEX RECEPTACLE – 20A, 120V, 3W, NEMA 5–20R

SWITCH DEVICES (26 27 26)

$_{D}$	WALL MOUNTED 0–10V DIMMER SWITCH
$_{a}$	SINGLE POLE, SINGLE THROW TOGGLE SWITCH (WITH SWITCHLEG "A" INDICATED)
$_{2b}$	DOUBLE POLE, SINGLE THROW TOGGLE SWITCH (WITH SWITCHLEG "B" INDICATED)
$_{3c}$	THREE–WAY – SINGLE POLE, DOUBLE THROW TOGGLE SWITCH (WITH SWITCHLEG "C" INDICATED)
$_{4d}$	FOUR–WAY – DOUBLE POLE, DOUBLE THROW TOGGLE SWITCH (WITH SWITCHLEG "D" INDICATED)
$_{K}$	SINGLE POLE, SINGLE THROW KEY OPERATED TOGGLE SWITCH
$_{3K}$	THREE–WAY – SINGLE POLE, DOUBLE THROW KEY OPERATED TOGGLE SWITCH
$_{WP}$	SINGLE POLE, SINGLE THROW WEATHERPROOF TOGGLE SWITCH
$_{OS}$	WALL MOUNTED, DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH
$_{OR}$	WALL MOUNTED MANUAL OVERRIDE SWITCH
$_{PIR}$	WALL MOUNTED PASSIVE INFRARED OCCUPANCY SENSOR SWITCH (AS NOTED)
OS	CEILING MOUNT, DUAL TECHNOLOGY OCCUPANCY SENSOR
PC	CEILING MOUNT, DAYLIGHT PHOTOCELL SENSOR

REFERENCE SYMBOLS

	CIRCUIT END EXTENSION
	KEYED NOTE TAG, HEXAGON
	DEMOLITION KEYED NOTE TAG, ROUND
	ADDENDUM, ASI, ASR, PR TAG
XXX–# #	EQUIPMENT TAG
	ENLARGED PLAN, DETAIL TAG
	ELEVATION TAG
	SECTION TAG

ABBREVIATION / DESCRIPTION

ABBREVIATION	DESCRIPTION
A	AMPERE(S)
ABV	ABOVE
AC	ABOVE COUNTER
A/C	AIR CONDITIONING
AIC	AMPERE INTERRUPTING CAPACITY
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
ATS	AUTOMATIC TRANSFER SWITCH
BC	BELOW COUNTER
BFF	BELOW FINISHED FLOOR
BLDG	BUILDING
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
COND	CONDUCTOR
CPU	CENTRAL PROCESSING UNIT
CU	COPPER
DIA	DIAMETER
DIST	DISTRIBUTION
DN	DOWN
DWGS	DRAWINGS
EC	ELECTRICAL CONTRACTOR
EDF	ELECTRIC DRINKING FOUNTAIN
EF	EXHAUST FAN
EMT	ELEC. METALLIC TUBING
EQPT	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EWH	ELECTRIC WATER HEATER
FAS	FIRE ALARM SYSTEM
FC	FOOT CANDLES
FCU	FAN COIL UNIT
FMC	FLEXIBLE METAL CONDUIT
FT	FEET, FOOT
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
HP	HORSE POWER
HOA	HAND OFF AUTOMATIC
HVAC	HEATING/VENTILATING/AIR CONDITIONING
HZ	HERTZ
IC	INTERCOM
ID	INSIDE DIAMETER
IMC	INTERMEDIATE STEEL CONDUIT
IN	INCHES
IG	ISOLATED GROUND
JB	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT AMPERE
KVAC	KILOVOLT AMPERE CAPACITIVE
KVAR	KILOVOLT AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR
LED	LIGHT EMITTING DIODE
LB	POUND
LGT	LIGHTING
M	MANHOLE
MCB	MAIN CIRCUIT BREAKER
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL & PLUMBING
MH	MOUNTING HEIGHT
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MTG	MOUNTING
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NF	NON FUSED
N.O.	NORMALLY OPEN
N.T.S.	NOT–TO–SCALE
N, NEMA	NEMA=NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
OC	ON CENTER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OH	OVERHEAD
P	POLE
PB	PUSH BUTTON
PNL	PANELBOARD
PSI	POUNDS PER SQUARE INCH
PVC	POLY VINYL CHLORIDE CONDUIT
PWR	POWER
RGS	RIGID GALVANIZED STEEL CONDUIT
RMC	RIGID METAL CONDUIT

ABBREVIATION	DESCRIPTION
SC	SPLIT CIRCUIT
SN	SOLID NEUTRAL
SF	SQUARE FEET/FOOT
SPD	SURGE PROTECTIVE DEVICE
SQ	SQUARE
SW	SWITCH
SWBD	SWITCHBOARD
TELE	TELEPHONE
TSTAT	THERMOSTAT
TV	TELEVISION
TYP.	TYPICAL
UH	UNIT HEATER
UEP	UNDERGROUND ELECTRIC PRIMARY
UES	UNDERGROUND ELECTRIC SECONDARY
UEB	UNDERGROUND ELECTRIC BRANCH CIRCUIT
U.N.O.	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTED POWER SYSTEM
V	VOLT(S)
W	WIRE
WP	WEATHERPROOF
XFMR	TRANSFORMER
XPD	TRANSPONDER
Z	IMPEDANCE
1P	ONE POLE
2P	TWO POLE
3P	THREE POLE
Ø	PHASE

GENERAL NOTES

A. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS AND REVIEW ALL RELATED DRAWINGS AND SPECIFICATIONS PRIOR TO BID.

B. THE DRAWINGS ARE DIAGRAMMATIC. CONTRACTOR SHALL VERIFY FIELD CONDITIONS AND DETERMINE CONDUIT ROUTING AND EXACT LOCATIONS OF EQUIPMENT AND DEVICES. NOTIFY THE ARCHITECT/ENGINEER IF THE APPROXIMATE CONDUIT ROUTING SHOWN ON PLANS IS NOT FEASIBLE. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY CONFLICTS PRIOR TO ROUGH–IN.

C. LOCATIONS OF DEVICES ARE DIAGRAMMATIC. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY CONFLICTS PRIOR TO ROUGH–IN.

D. PROVIDE LISTED FIRE–STOP AND CAULKING TO MAINTAIN INTEGRITY OF RATED WALLS AT ALL RACEWAY AND CABLE TRAY PENETRATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RATED WALLS.

E. CONTRACTOR SHALL GROUND CABLE TRAY TO BUILDING GROUNDING SYSTEM. EACH SECTION OF THE CABLE TRAY SHALL BE BONDED TOGETHER WITH A GROUNDING JUMPER. CONDUIT TERMINATING AT THE CABLE TRAY SHALL BE BONDED AT THAT LOCATION. REFER TO SPECIAL SYSTEMS DRAWINGS FOR CABLE TRAY LOCATIONS.

F. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT ISSUE OF THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL CODES. ALL WORK SHALL MATCH THE EXISTING BUILDING'S ELECTRICAL INSTALLATION. ALL SYSTEMS SHALL BE INSTALLED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH APPLICABLE STANDARDS AND SPECIFICATIONS APPROVED BY ALL AUTHORITIES HAVING JURISDICTION.

G. PROVIDE A TYPED PANEL DIRECTORY FOR EACH NEW OR MODIFIED ELECTRICAL PANEL. DIRECTORY SHALL IDENTIFY THE CIRCUIT NUMBER, DEVICES SERVED, AND LOCATION OF DEVICES BY ROOM NUMBER. FILE COPY OF DIRECTORIES WITH THE OWNER'S REPRESENTATIVE WHEN WORK IS COMPLETED, AND PROVIDE COPIES WITH THE OWNER'S MANUALS.

H. INDICATED SPARE AND/OR SPACES IN ALL EQUIPMENT ON THE ELECTRICAL ONE–LINE DIAGRAM AND IN THE PANEL SCHEDULES ARE THE MINIMUM NUMBER REQUIRED FOR THIS PROJECT.

I. PROVIDE 3–1/2" HIGH CONCRETE HOUSEKEEPING PADS, EXTENDING 3" MIN. BEYOND ENCLOSURE DIMENSIONS FOR TRANSFORMERS AND FLOOR–MOUNTED PANELS/PANELBOARDS.

J. ALL CONNECTIONS TO MOTORS, OR OTHER DEVICES SUBJECT TO VIBRATION SHALL BE MADE USING A MINIMUM OF 12" LENGTH OF LIQUID TIGHT FLEXIBLE METALLIC CONDUIT. PROVIDE CONTINUOUS SEPARATE GROUND WIRE THROUGH ALL FLEXIBLE METALLIC CONDUIT CONNECTIONS.

K. IDENTIFY PANEL AND CIRCUIT NUMBER FOR ALL INSTALLED ELECTRICAL DEVICES ON THE OUTSIDE OF THE JUNCTION BOX.

L. ALL FUSES/CIRCUIT BREAKERS IN PANELS, DISCONNECT SWITCHES, MOTOR STARTERS, ETC., SERVING MOTORS AND EQUIPMENT SHALL BE SIZED AS RECOMMENDED BY THE MANUFACTURER OF THE PARTICULAR LOAD DEVICE SERVED. COORDINATE WITH OTHER TRADES AS REQUIRED.

DEMOLITION GENERAL NOTES

A. CONDUCT ALL DEMOLITION WORK IN SUCH MANNER TO MAINTAIN A SAFE WORK ENVIRONMENT AND IN ACCORDANCE WITH APPLICABLE SAFETY RULES AND PROCEDURES WITHIN NEC, NESC, NECA AND OSHA REQUIREMENTS.

B. CONTRACTOR SHALL REQUEST AND REVIEW ANY HAZARDOUS MATERIALS SURVEYS FROM THE OWNER'S REPRESENTATIVE. OBSERVE RECOMMENDED PRECAUTIONS AND VERIFY THE STATUS OF ANY REMEDIAL WORK RECOMMENDED OR NOTED WITHIN THE HAZARDOUS MATERIAL SURVEY. NOTIFY THE OWNER'S REPRESENTATIVE IF ANY HAZARDOUS MATERIALS ARE SUSPECTED OR OBSERVED DURING THE COURSE OF EXECUTING THIS CONTRACT.

C. SURVEY AREAS OF THE FACILITY SCHEDULED FOR RENOVATION OR PARTIAL DEMOLITION PRIOR TO ANY WORK BEING PROFORMED. SUBMIT A REPORT OF THIS PRE–WORK SURVEY DETAILING ANY UTILIZATION EQUIPMENT OR SYSTEMS THAT ARE NOT IN GOOD WORKING ORDER IN ADVANCE OF ANY DEMOLITION WORK AND REVIEW WITH THE OWNER'S REPRESENTATIVE.

D. RESTORE CIRCUITS, UTILIZATION EQUIPMENT, AND SYSTEMS AFFECTED BY SELECTIVE DEMOLITION TO THE CONDITION NOTED IN THE PRE–WORK SURVEY REPORT. ELECTRICAL CIRCUITS WITH A PORTION OF THE LOAD REMOVED SHALL HAVE THE REMOVED LOADS ASSOCIATED CIRCUITRY TERMINATED IN SUCH A MANNER THAT THE REMAINING LOAD REMAINS FULLY OPERATIONAL.

E. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL FOR SALVAGED MATERIAL. REQUEST THAT THE OWNER PROVIDE DIRECTION ON DISPOSITION OF SALVAGED MATERIAL FIVE (5) WORKING DAYS PRIOR TO REMOVAL. IF SO DIRECTED BY THE OWNER, SALVAGED MATERIAL SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE DELIVERED BY THE CONTRACTOR TO A LOCATION AS DIRECTED. REMOVE AND DISPOSE ANY SALVAGED MATERIAL NOT RETAINED BY THE OWNER.

F. UNLESS OTHERWISE NOTED, DEMOLISH ELECTRICAL DEVICES, INCLUDING BUT NOT LIMITED TO: POWER OUTLETS, WIRING, RACEWAYS, PANELBOARDS, LIGHTING DEVICES, EQUIPMENT CONTROL DEVICES, AND POWER CONNECTIONS TO HVAC AND PLUMBING EQUIPMENT SCHEDULED FOR DEMOLITION.

G. VERIFY LOCATION AND QUANTITY OF ITEMS TO BE REMOVED. NO ALLOWANCE WILL BE MADE BECAUSE OF CONTRACTOR'S UNFAMILIARITY WITH THESE DETAILS.

H. EQUIPMENT, RECEPTACLES, AND LIGHTS, SCHEDULED FOR DEMOLITION SHALL HAVE THEIR ASSOCIATED CIRCUITRY REMOVED. ASSOCIATED CIRCUITRY IS DEFINED AS ALL WIRE, CONDUIT, J–BOXES, DEVICE BOXES, WIRING DEVICES, COVER PLATES, PROTECTIVE DEVICE, AND PANEL, ETC. ASSOCIATED WITH THE ITEM SCHEDULED FOR REMOVAL. CONDUIT FOR ITEMS SCHEDULED FOR REMOVAL AND IN INACCESSIBLE AREAS SHALL BE EMPTIED AND SEALED OR OTHERWISE TERMINATED IN A SAFE MANNER ACCEPTABLE TO THE OWNER.

I. DAMAGED AREAS CAUSED DURING DEMOLITION THAT IS NOT CONCEALED BY NEW CONSTRUCTION SHALL BE REPAIRED TO MATCH ADJACENT SURFACES. OPENINGS CREATED BY THE REMOVAL OF THESE ITEMS THROUGH FIRE RATED WALLS SHALL BE FIRE STOPPED.

J. REMOVE ABANDONED CONDUIT TO POINT OF CONCEALMENT BEHIND INACCESSIBLE SURFACES. ENTIRELY REMOVE ABANDONED WIRING.

K. PROVIDE BLANK COVERS AND PLATES AT UNUSED OPENINGS IN BOXES, RACEWAYS, AUXILIARY GUTTERS, CABINETS, EQUIPMENT CASES AND HOUSINGS SHALL BE CLOSED TO AFFORD PROTECTION SUBSTANTIALLY EQUIVALENT TO THE EQUIPMENT ENCLOSURE.

L. IF A CONDUIT RUN IS EXPOSED OR A SURFACE RACEWAY LEFT WITHOUT A MOUNTING SURFACE DUE TO REMOVAL OF A PARTITION, THE RACEWAY SHALL BE RE–ROUTED OR RE–SUPPORTED AS ACCEPTABLE TO THE OWNER/ARCHITECT.

M. PROTECT ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES THAT ARE SCHEDULED TO BE RELOCATED. REPAIR, RESTORE, OR REPLACE ITEMS DAMAGED WHEN REMOVED TO THE APPROVAL OF THE OWNER. NOTIFY THE OWNER/ARCHITECT/ENGINEER OF ANY ELECTRICAL EQUIPMENT, OUTLETS AND/OR DEVICES WHICH ARE SCHEDULED TO BE RE–USED THAT ARE FOUND TO BE UNUSABLE.

LIGHTING GENERAL NOTES

A. PROVIDE UNSWITCHED CONDUCTORS IN CIRCUITS SERVING BATTERY POWERED EGRESS LIGHTS AND EXIT SIGNS.

B. ELECTRICAL DRAWINGS INDICATE GENERAL LOCATIONS OF LIGHTING FIXTURES REFER TO ARCHITECTURAL DRAWINGS FOR COORDINATION AND LOCATIONS. IF THERE IS A DIFFERENCE IN QUANTITY OF FIXTURES SHOWN ON THE ARCHITECTURAL AND ELECTRICAL DRAWINGS, HE SHALL USE THE GREATER QUANTITY FOR BIDDING AND CONTACT THE DESIGN TEAM FOR FINAL RESOLUTION.

C. PROVIDE LIGHTING CONTROL SYSTEM WITH ALL NECESSARY ACCESSORIES FOR A COMPLETE INSTALLATION.

D. POWER SUPPLY FOR CEILING MOTION SENSORS SHOULD BE INSTALLED ADJACENT TO ENTRANCE DOOR.

E. REFERENCE LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL FIXTURE INFORMATION.

POWER GENERAL NOTES

A. REFERENCE EQUIPMENT CONNECTION SCHEDULE FOR REQUIREMENTS AND ADDITIONAL INFORMATION OF TAGGED EQUIPMENT SHOWN ON PLAN.

B. COORDINATE ALL RECEPTACLES LOCATIONS WITH ARCHITECTURAL INTERIOR ELEVATIONS.

C. RECEPTACLES LOCATED WITHIN 6' OF ANY PLUMBING FIXTURE, AT BREAK ROOM COUNTERTOPS, WITHIN 6' OF EXTERIOR DOORS, AT THE EXTERIOR, OR OTHERWISE EXPOSED TO WATER SHALL BE TYPE GFCI. PROVIDE "WHILE IN–USE", NEMA 3R, NON METALLIC COVERS FOR EXTERIOR RECEPTACLES EQUAL TO HUBBELL TAYMAC 3NM45G.

D. ALL RECEPTACLES SHALL BE COMMERCIAL SPECIFICATION GRADE UNLESS NOTED OTHERWISE.

E. PROVIDE 120V CIRCUIT TO ALL FIRE/SMOKE DAMPERS. CONNECT NO MORE THAN FOUR(4) DAMPERS TO NEAREST 120V PANEL. DAMPERS ON DIFFERENT FLOORS SHALL NOT BE CONNECTED TOGETHER. DAMPER CONTROL SHALL BE COORDINATED WITH MECHANICAL CONTRACTOR. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS AND QUANTITIES OF ALL FIRE/SMOKE DAMPERS.

F. PROVIDE 120V POWER FOR DOOR OPERATORS, MAG LOCKS, ELECTRIC STRIKES AND EMERGENCY PANIC DOORS WHERE REQUIRED. COORDINATE REQUIREMENTS, EXACT LOCATIONS, QUANTITIES AND ROUGH–IN REQUIREMENTS WITH ARCHITECTURAL AND SECURITY DRAWINGS.

G. PROVIDE 120V POWER TO EACH HVAC DDC CONTROL PANEL. COORDINATE EXACT LOCATIONS AND QUANTITIES WITH MECHANICAL DRAWINGS.

H. COORDINATE DISCONNECT SWITCHES, VFDS AND MOTOR STARTER LOCATIONS WITH EQUIPMENT INSTALLERS TO MAINTAIN PROPER MAINTENANCE AND CODE CLEARANCES.

I. POWER CONNECTION FOR THE MOTORIZED PROJECTOR SCREEN AND THE CEILING MOUNTED PROJECTOR RECEPTACLE SHALL USE THE SAME CIRCUIT.

DRAWING LIST

E0.00	ELECTRICAL SYMBOLS AND ABBREVIATIONS
ED1.01	ELECTRICAL PARTIAL SITE PLAN – DEMOLITION
ED1.02	ELECTRICAL PARTIAL SITE PLAN – DEMOLITION
ED1.03	ELECTRICAL PARTIAL SITE PLAN – DEMOLITION
ED1.04	ELECTRICAL PARTIAL SITE PLAN – DEMOLITION
ED1.05	ELECTRICAL PARTIAL SITE PLAN – DEMOLITION
E1.01	ELECTRICAL PARTIAL SITE PLAN – NEW WORK
E1.02	ELECTRICAL PARTIAL SITE PLAN – NEW WORK
E1.03	ELECTRICAL PARTIAL SITE PLAN – NEW WORK
E1.04	ELECTRICAL PARTIAL SITE PLAN – NEW WORK
E1.05	ELECTRICAL PARTIAL SITE PLAN – NEW WORK
E2.01	LIGHTING PARTIAL SITE PLAN
E2.02	LIGHTING PARTIAL SITE PLAN
E2.03	LIGHTING PARTIAL SITE PLAN
E2.04	LIGHTING PARTIAL SITE PLAN
E2.05	LIGHTING PARTIAL SITE PLAN
E3.01	ELECTRICAL ENLARGED SITE PLANS
E3.02	ELECTRICAL FLOOR PLAN – LIGHTING/POWER PUMP HOUSE
E3.03	ELECTRICAL FLOOR PLAN – LIGHTING/POWER – REST. PAVILION A
E3.04	ELECTRICAL FLOOR PLAN – LIGHTING/POWER – REST. PAVILION B
E4.01	ELECTRICAL RISER DIAGRAMS – DEMO
E4.02	ELECTRICAL RISER DIAGRAMS
E4.03	ELECTRICAL RISER DIAGRAMS
E4.04	ELECTRICAL RISER DIAGRAMS
E5.01	ELECTRICAL DETAILS
E6.01	ELECTRICAL MV – SCHEDULES
E6.02	ELECTRICAL MV – SCHEDULES

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Company Reg. No.: F-7964
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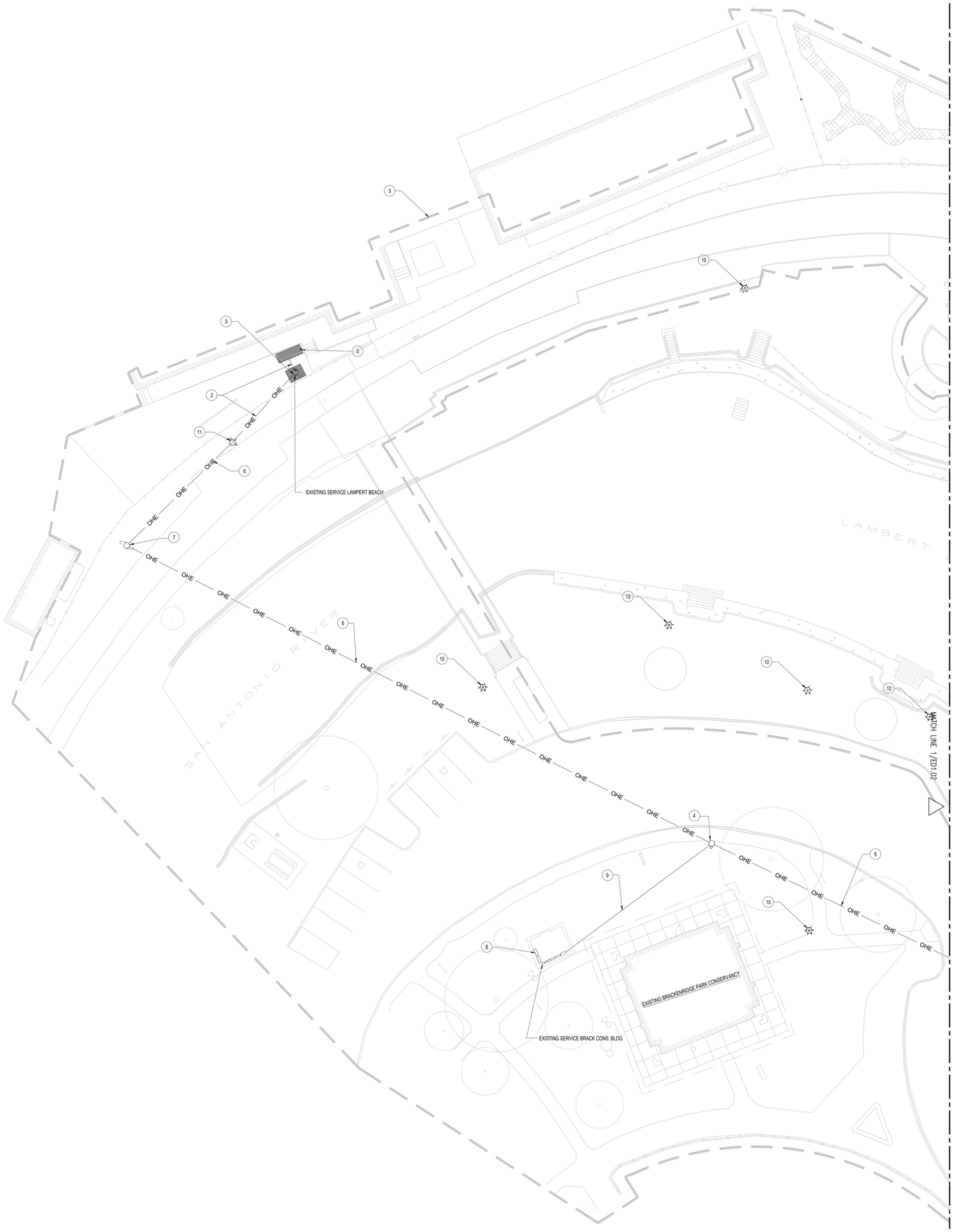
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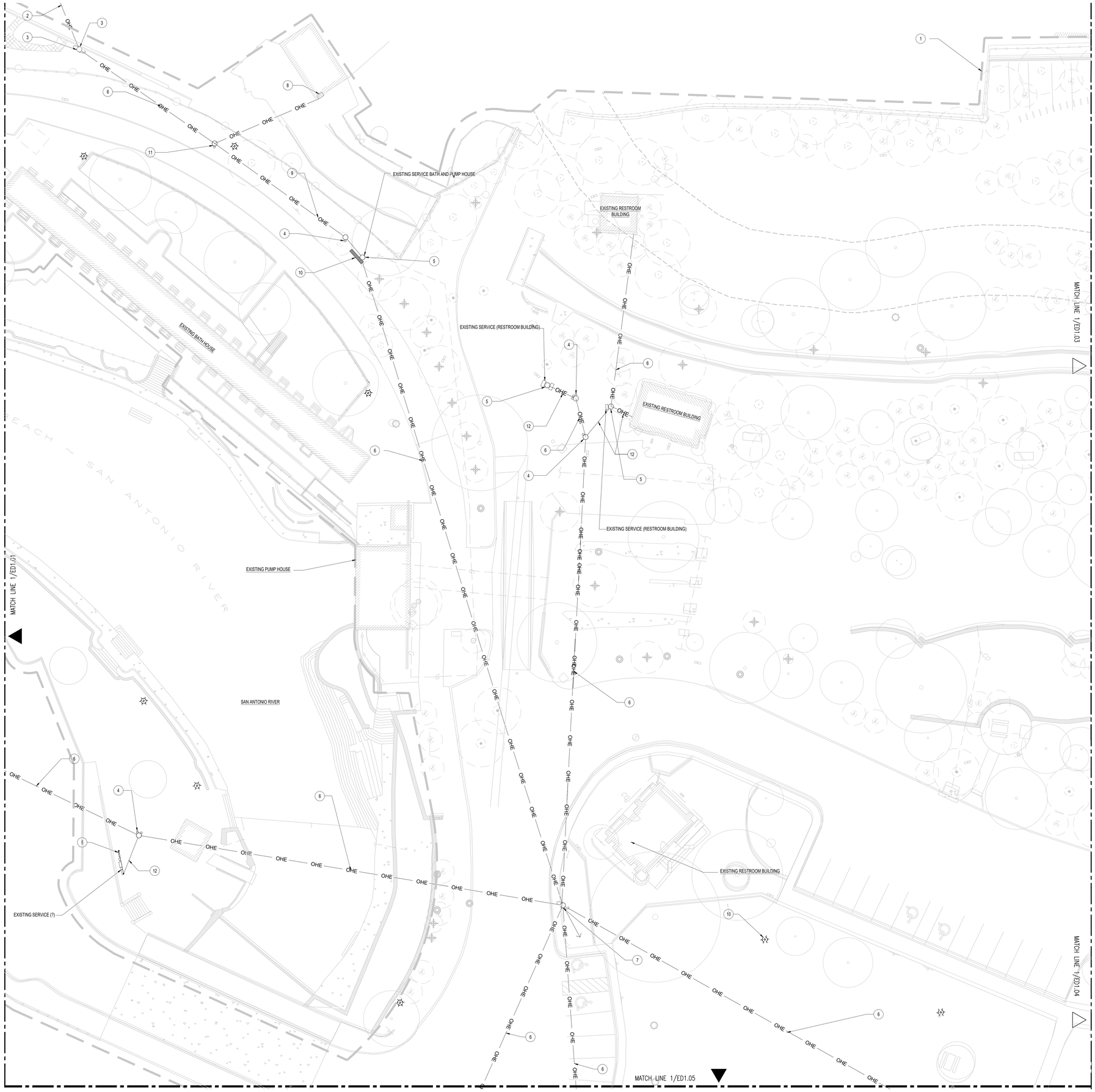
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EXISTING SERVICE LAMPERT BEACH
OHE
OHE
7
OHE
OHE
OHE



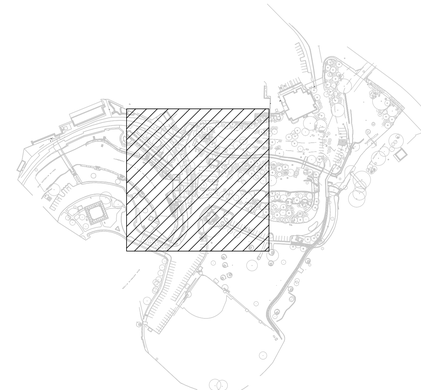
1 ELECTRICAL PARTIAL SITE PLAN - DEMOLITION
SCALE:1" = 16' - 0"

GENERAL NOTES: (THIS SHEET ONLY)

A. REFER TO E0.00 FOR GENERAL DEMOLITION NOTES.

(f) KEYED NOTES: (THIS SHEET ONLY)

1. LINE INDICATES LIMITS-OF-CONSTRUCTION. REFER TO LANDSCAPE DRAWINGS.
2. EXISTING CPSE PRIMARY OVERHEAD ELECTRICAL SHALL REMAIN.
3. EXISTING CPSE IN-LINE POLE SHALL BE REMAIN.
4. EXISTING CPSE TRANSFORMER POLE SHALL BE REMOVED.
5. EXISTING CPSE METER POLE AND ADDITIONAL EXISTING EQUIPMENT MOUNTED ONTO POLE, SHALL BE REMOVED.
6. EXISTING CPSE PRIMARY OVERHEAD ELECTRICAL SHALL BE REMOVED.
7. EXISTING CPSE IN-LINE POLE SHALL BE REMOVED.
8. EXISTING ELECTRICAL EQUIPMENT SHALL REMAIN.
9. NOT USED
10. REMOVE EXISTING ELECTRICAL EQUIPMENT.
11. EXISTING CPSE TRANSFORMER POLE SHALL REMAIN.
12. EXISTING OVERHEAD SECONDARY SHALL BE REMOVED.



2 KEY PLAN
SCALE: N.T.S.

BRACKENRIDGE PARK

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Document Incomplete: Not Intended for permit, bidding or construction.
Engineer: TRAVIS E. WILTSHIRE
P.E. Reg. No.: 85219
Company Name: CNG ENGINEERING, PLLC.
Company Reg. No.: F-7964
Date: 05-29-2025

Revisions

Date
30 May 2025
Phase
95% CONSTRUCTION DOCUMENTS
Job Number
CNOS701

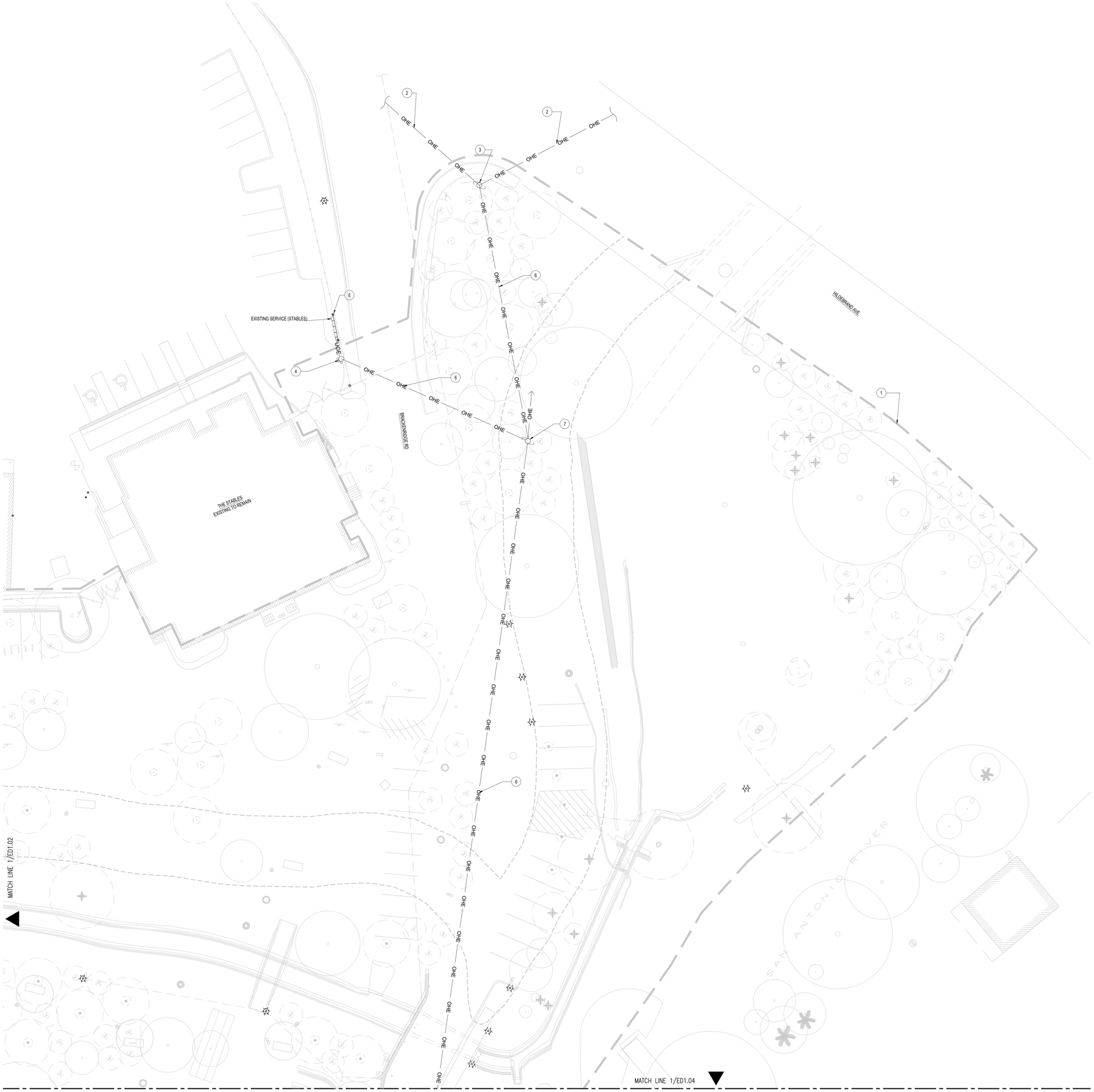
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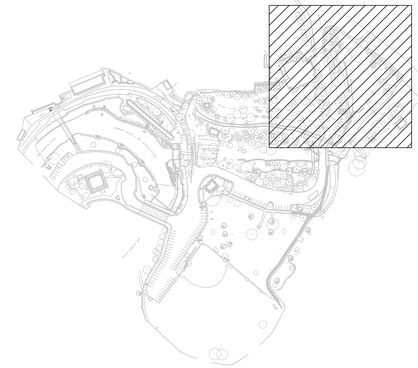
North

Drawing Title
ELECTRICAL
PARTIAL SITE PLAN -
DEMOLITION

Drawing Number
ED1.02

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2 KEY PLAN
SCALE: N.T.S.

1 ELECTRICAL PARTIAL SITE PLAN - DEMOLITION
SCALE:1" = 16' - 0"

GENERAL NOTES: (THIS SHEET ONLY)

A. REFER TO E0.00 FOR GENERAL DEMOLITION NOTES.

KEYED NOTES: (THIS SHEET ONLY)

1. LINE INDICATES LIMITS-OF-CONSTRUCTION. REFER TO LANDSCAPE DRAWINGS.
2. EXISTING CPSE PRIMARY OVERHEAD ELECTRICAL SHALL REMAIN.
3. EXISTING CPSE IN-LINE POLE SHALL BE REMAIN.
4. EXISTING CPSE TRANSFORMER POLE SHALL BE REMOVED.
5. COORDINATE WITH CPSE ON REMOVAL OF EXISTING ROADWAY LIGHT.
6. EXISTING CPSE PRIMARY OVERHEAD ELECTRICAL SHALL BE REMOVED.
7. EXISTING CPSE IN-LINE POLE SHALL BE REMOVED.
8. EXISTING ELECTRICAL EQUIPMENT SHALL REMAIN. REFER TO NEW WORK FOR CONNECTION TO NEW SERVICE.

BRACKENRIDGE PARK

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Company Reg. No.: F-7954
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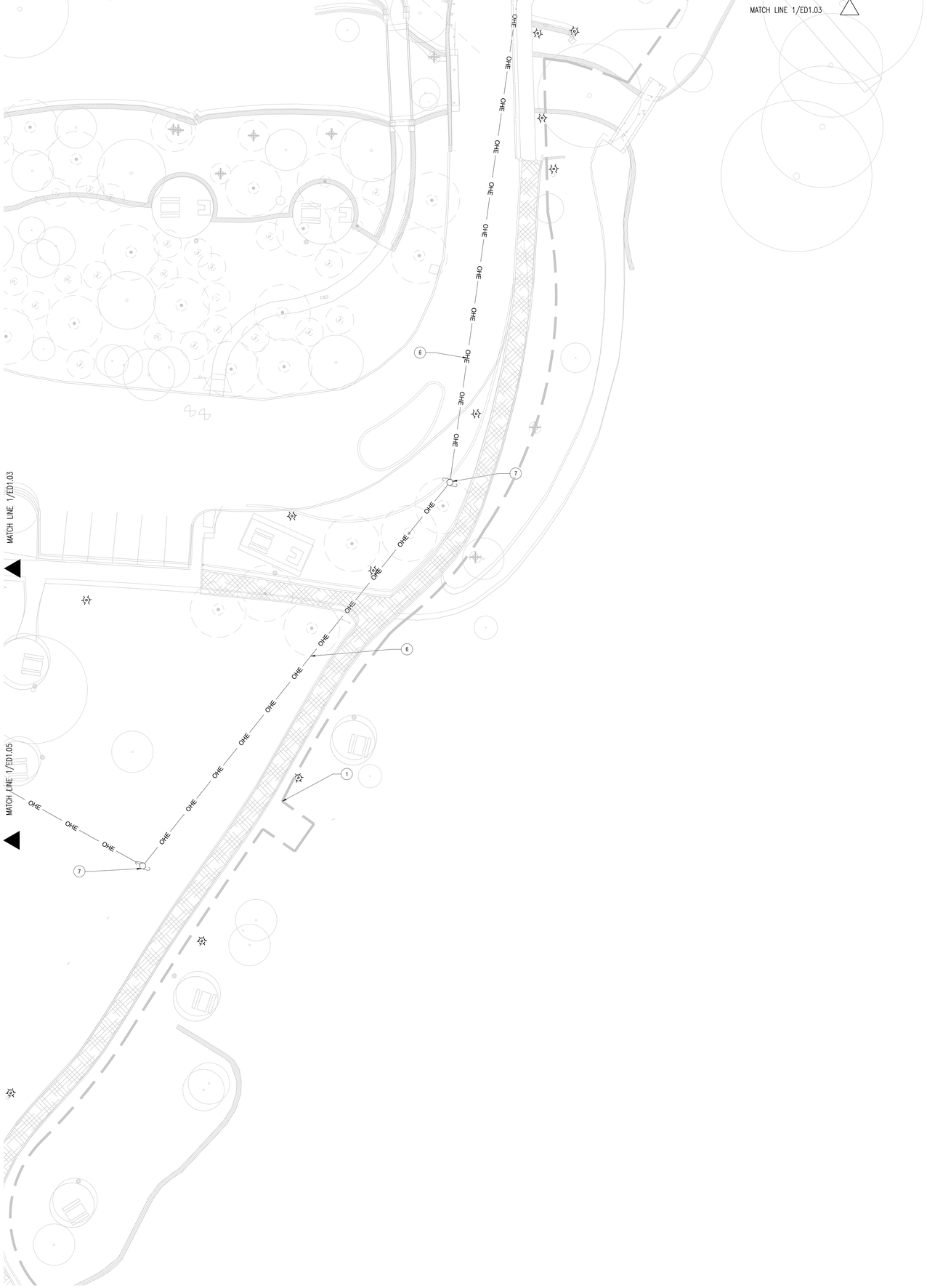
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Drawing Title
ELECTRICAL
PARTIAL SITE PLAN -
DEMOLITION

Drawing Number
ED1.03

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1 ELECTRICAL PARTIAL SITE PLAN - DEMOLITION

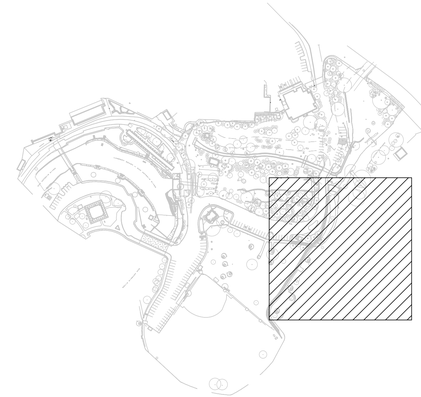
SCALE:1" = 16' - 0"

GENERAL NOTES: (THIS SHEET ONLY)

A. REFER TO E0.00 FOR GENERAL DEMOLITION NOTES.

(f) KEYED NOTES: (THIS SHEET ONLY)

1. LINE INDICATES LIMITS-OF-CONSTRUCTION. REFER TO LANDSCAPE DRAWINGS.
2. EXISTING CPSE PRIMARY OVERHEAD ELECTRICAL SHALL BE REMOVED.
3. EXISTING CPSE IN-LINE POLE SHALL BE REMOVED.



2 KEY PLAN

SCALE: N.T.S.

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P.E. Reg. No.: 85219
Company Name: CNG ENGINEERING, PLLC.
Company Reg. No.: F-7964
Date: 05-29-2025

Revisions

Date
30 May 2025
Phase
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Job Number
CNOS701

Scale North

Drawing Title
ELECTRICAL
PARTIAL SITE PLAN - DEMOLITION

Drawing Number
ED1.04

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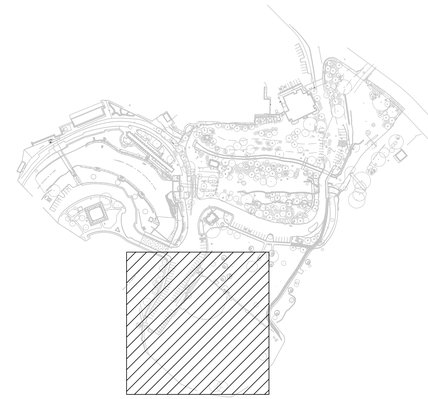


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A. REFER TO E0.00 FOR GENERAL DEMOLITION NOTES.

KEYED NOTES: (THIS SHEET ONLY)

1. LINE INDICATES LIMITS-OF-CONSTRUCTION. REFER TO LANDSCAPE DRAWINGS.
2. (TYP.) EXISTING CPSE TRANSFORMER POLE SHALL BE REMOVED.
3. (TYP.) EXISTING CPSE PRIMARY OVERHEAD ELECTRICAL SHALL BE REMOVED.
4. EXISTING CPSE IN-LINE POLE SHALL BE REMOVED.
5. EXISTING ELECTRICAL EQUIPMENT SHALL BE REMOVED. REFER TO RISER DIAGRAM FOR NEW WORK.



2 KEY PLAN
SCALE: N.T.S.

1 ELECTRICAL PARTIAL SITE PLAN - DEMOLITION
SCALE:1" = 16' - 0"

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Engineer: TRAVIS E. WILTSHIRE
P.E. Reg. No.: 85219
Company Name: CNG ENGINEERING, PLLC.
Company Reg. No.: F-7964
Date: 05-29-2025

Revisions

Date
30 May 2025
Phase
95% CONSTRUCTION DOCUMENTS
Job Number
CNOS701

Scale

North

Drawing Title

ELECTRICAL
PARTIAL SITE PLAN -
DEMOLITION

Drawing Number

ED1.05

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1 ELECTRICAL PARTIAL SITE PLAN - NEW WORK
SCALE:1" = 16' - 0"

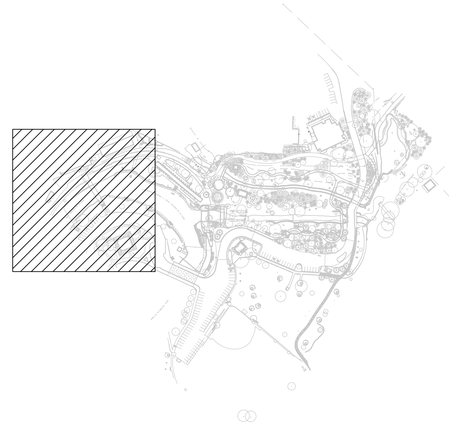
GENERAL NOTES: (THIS SHEET ONLY)

A. REFER TO E0.00 FOR GENERAL DEMOLITION NOTES.

B. ALL OVERHEAD AND UNDERGROUND UTILITES SHOWN DIAGRAMMATICAL. REFER TO CIVIL AND CPS ENERGY FINAL DRAWINGS FOR EXACT LOCATIONS AND ROUTING.

(#) KEYED NOTES: (THIS SHEET ONLY)

1. LINE INDICATES LIMITS OF CONSTRUCTION. REFER TO LANDSCAPE DRAWINGS.
2. EXISTING CPSE UTILITY POLE.
3. NEW OVERHEAD PRIMARY BY CPSE
4. COORDINATE WITH CPSE ON INSTILLATION OF NEW RISER POLE. REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION.
5. PROVIDE UNDERGROUND PRIMARY DUCT-BANK WITH PULL-STRING, REFER TO PRIMARY DUCT BANK DETAIL ON ELECTRICAL DETAILS SHEET AND ONE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS. PRIMARY TO REQUIRE 20FT EASEMENT, REFER TO CIVIL DRAWINGS FOR EXACT ROUTING
6. PROVIDE MANHOLE PER CPS STANDARDS. REFER TO DETAIL ON ELECTRICAL DETAILS SHEET.
7. PROVIDE TIER 18 IN-GRADE PULL BOX, REFER TO ELECTRICAL DETAILS FOR MORE INFORMATION.
8. EXISTING ELECTRICAL EQUIPMENT.
9. PROVIDE SECONDARY FEEDER, REFER TO RISER DIAGRAM FOR REQUIREMENTS.



2 KEY PLAN
SCALE: N.T.S.

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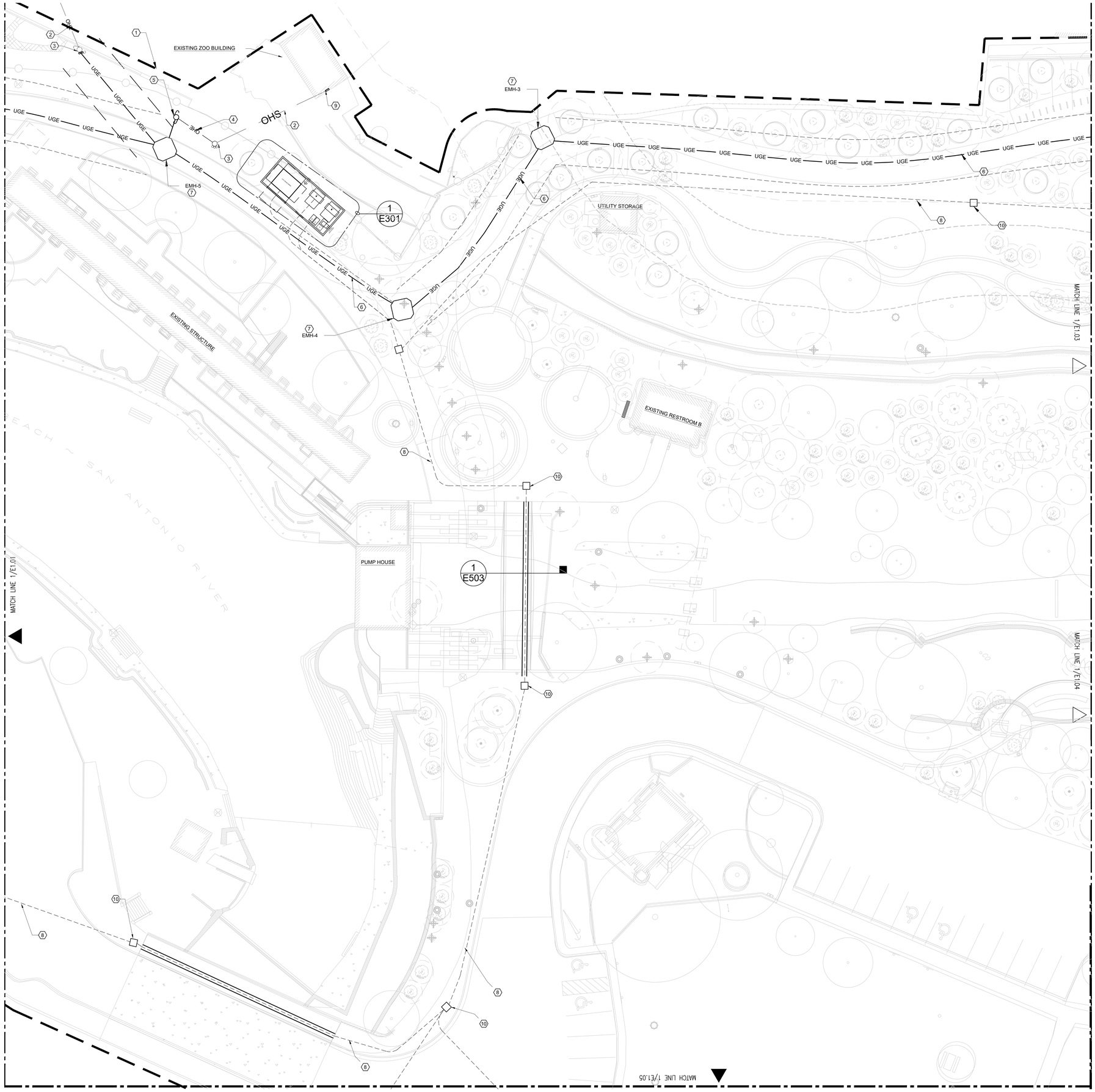
Date
30 May 2025
Phase
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Job Number
CNOS701

Scale North

Drawing Title
ELECTRICAL
PARTIAL SITE PLAN -
NEW WORK

Drawing Number
E1.01

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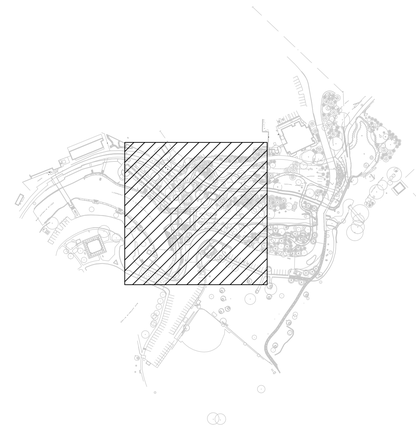
GENERAL NOTES: (THIS SHEET ONLY)

A. REFER TO E0.00 FOR GENERAL DEMOLITION NOTES.

B. ALL OVERHEAD AND UNDERGROUND UTILITES SHOWN DIAGRAMMATICAL. REFER TO CIVIL AND CPS ENERGY FINAL DRAWINGS FOR EXACT LOCATIONS AND ROUTING.

KEYED NOTES: (THIS SHEET ONLY)

1. LINE INDICATES LIMITS OF CONSTRUCTION. REFER TO LANDSCAPE DRAWINGS.
2. PROVIDE NEW MINI POWER ZONE. REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION.
3. PROVIDE SECONDARY FEEDER. REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION.
4. NEW OVERHEAD PRIMARY BY CPSE.
5. COORDINATE WITH CPSE ON INSTALLATION OF NEW RISER POLE. REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION.
6. PROVIDE UNDERGROUND PRIMARY DUCT-BANK WITH PULL-STRING. REFER TO PRIMARY DUCT-BANK DETAIL ON ELECTRICAL DETAILS SHEET AND ONE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS. PRIMARY TO REQUIRE 20 FT EASEMENT. REFER TO CIVIL DRAWINGS FOR EXACT ROUTING.
7. PROVIDE MANHOLE PER CPS STANDARDS. REFER TO DETAIL ON ELECTRICAL DETAILS SHEET.
8. PROVIDE SECONDARY FEEDER. REFER TO RISER DIAGRAM FOR REQUIREMENTS.
9. EXISTING ELECTRICAL EQUIPMENT.
10. PROVIDE TIER 18 IN-GRADE PULL BOX. REFER TO ELECTRICAL DETAILS SHEET FOR ADDITIONAL INFORMATION.



2 KEY PLAN

SCALE: N.T.S.

1 ELECTRICAL PARTIAL SITE PLAN - NEW WORK

SCALE:1" = 16' - 0"

BRACKENRIDGE PARK

SAN ANTONIO, TX

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Company Name: CNG ENGINEERING, PLLC.
Company Reg. No.: F-7964
Date: 05-29-2025

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Drawing Title
ELECTRICAL PARTIAL SITE PLAN - NEW WORK

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1 ELECTRICAL PARTIAL SITE PLAN - NEW WORK
SCALE:1" = 16' - 0"

GENERAL NOTES: (THIS SHEET ONLY)

A. REFER TO E0.00 FOR GENERAL DEMOLITION NOTES.

B. ALL OVERHEAD AND UNDERGROUND UTILITES SHOWN DIAGRAMMATICAL. REFER TO CIVIL AND CPS ENERGY FINAL DRAWINGS FOR EXACT LOCATIONS AND ROUTING.

(#) KEYED NOTES: (THIS SHEET ONLY)

1. LINE INDICATES LIMITS OF CONSTRUCTION. REFER TO LANDSCAPE DRAWINGS.
2. EXISTING CPSE OVERHEAD ELECTRICAL.
3. EXISTING CPSE UTILITY POLE.
4. NEW OVERHEAD PRIMARY BY CPSE
5. PROVIDE RISER POLE FOR UNDERGROUND PRIMARY DUCT-BANK WITH PULL-STRING. PROVIDE PVC SCH.80 MOUNTED TO POLE FOR UTILITY DROP TO UNDERGROUND.
6. PROVIDE UNDERGROUND PRIMARY DUCT-BANK WITH PULL-STRING. REFER TO PRIMARY DUCT BANK DETAIL ON ELECTRICAL DETAILS SHEET AND ONE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS. PRIMARY TO REQUIRE 20FT. EASEMENT. REFER TO CIVIL DRAWINGS FOR EXACT ROUTING.
7. PROVIDE MANHOLKE PER CPS STANDARDS. REFER TO DETAIL ON ELECTRICAL DETAILS SHEET.
8. COORDINATE WITH CPS ON INSTALLATION OF UTILITY PAD MOUNTED TRANSFORMER. REFER TO CPS TRANSFORMER PAD DETAIL ON ELECTRICAL DETAILS SHEET.
9. COORDINATE INSTALLATION AND LOCATION OF BOLLARDS WITH CPS.
10. PROVIDE SECONDARY FEEDER. REFER TO RISER DIAGRAM FOR REQUIREMENTS.
11. EXISTING ELECTRICAL SERVICE RACK.REFER TO RISER DIAGRAMS FOR ADDITIONAL INFORMATION AND SCOPE.
12. PROVIDE TIER 15 IN-GRADE PULLBOX. REFER TO ELECTRICAL DETAILS SHEET FOR ADDITIONAL INFORMATION.



2 KEY PLAN
SCALE: N.T.S.

BRACKENRIDGE PARK

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Drawing Title
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Drawing Number
E1.03

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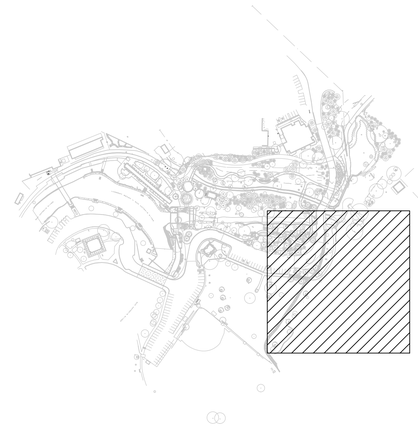
GENERAL NOTES: (THIS SHEET ONLY)

A. REFER TO E0.00 FOR GENERAL DEMOLITION NOTES.

B. ALL OVERHEAD AND UNDERGROUND UTILITES SHOWN DIAGRAMMATICAL. REFER TO CIVIL AND CPS ENERGY FINAL DRAWINGS FOR EXACT LOCATIONS AND ROUTING.

(#) KEYED NOTES: (THIS SHEET ONLY)

1. LINE INDICATES LIMITS OF CONSTRUCTION. REFER TO LANDSCAPE DRAWINGS.
2. PROVIDE NEW MINI POWER ZONE, REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION.
3. PROVIDE SECONDARY FEEDER, REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION.



2 KEY PLAN
SCALE: N.T.S.

1 ELECTRICAL PARTIAL SITE PLAN - NEW WORK
SCALE:1" = 16' - 0"

BRACKENRIDGE PARK

SAN ANTONIO,
TX

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SEVENTH GENERATION DESIGN
HISTORIC ARCHITECT
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SAN ANTONIO, TX 78212

WORK5HOP
CONSTRUCTION OBSERVATION
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549 HEIMER
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HYDROLOGY
755 E MULBERRY AVE, SUITE 501
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Stamp

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Engineer: TRAVIS E. WILTSHIRE
P.E. Reg. No.: 85219
Company Name: CNG ENGINEERING, PLLC.
Company Reg. No.: F-7964
Date: 05-29-2025

Revisions

Date
30 May 2025
Phase
95% CONSTRUCTION DOCUMENTS
Job Number
CNOS701

Scale

North

Drawing Title
ELECTRICAL
PARTIAL SITE PLAN -
NEW WORK

Drawing Number
E1.04

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1 ELECTRICAL PARTIAL SITE PLAN - NEW WORK
SCALE:1" = 30' - 0"

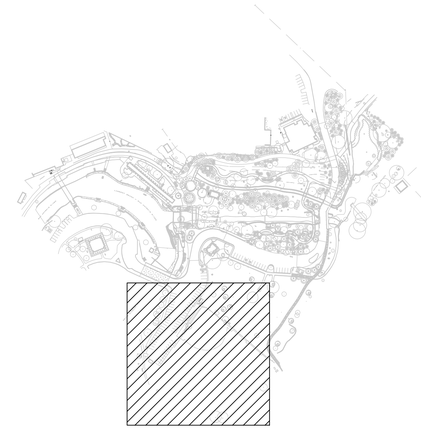
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1. LINE INDICATED LIMITS OF CONSTRUCTION. REFER TO LANDSCAPE DRAWINGS.
2. PROVIDE SECONDARY FEEDER. REFER TO RISER DIAGRAM FOR REQUIREMENTS.
3. PROVIDE TIER 15 IN-GRADE PULL BOX.REFER TO ELECTRICAL DETAILS FOR MORE INFORMATION.



2 KEY PLAN
SCALE: N.T.S.

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Revisions

Date
30 May 2025
Phase
95% CONSTRUCTION DOCUMENTS
Job Number
CNOS701

Scale **North**

Drawing Title
ELECTRICAL
PARTIAL SITE PLAN -
NEW WORK

Drawing Number
E1.05

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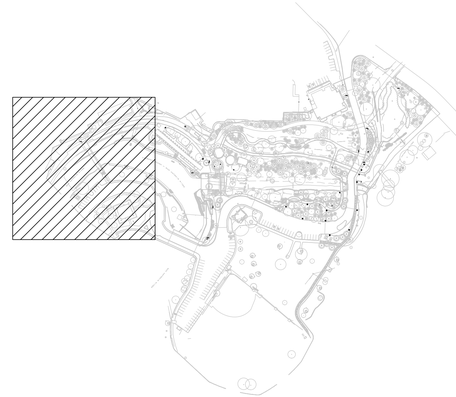
1 LIGHTING PARTIAL SITE PLAN
SCALE:1" = 16' - 0"

GENERAL NOTES: (THIS SHEET ONLY)

A. REFER TO E0.00 FOR GENERAL DEMOLITION NOTES.

KEYED NOTES: (THIS SHEET ONLY)

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2. EXISTING LIGHT POLE.



2 KEY PLAN
SCALE: N.T.S.

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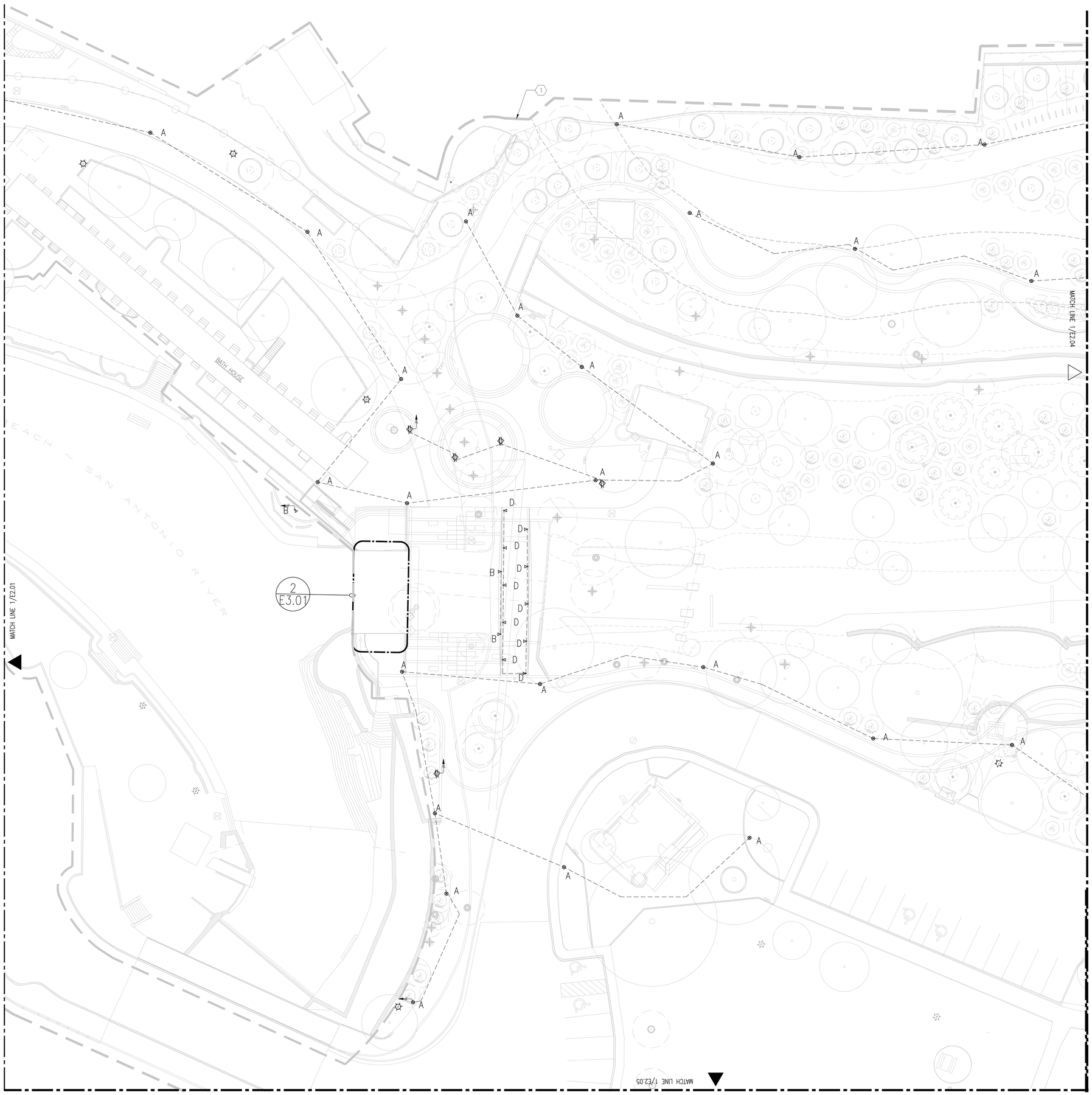
Job Number
CNOS701

Scale **North**

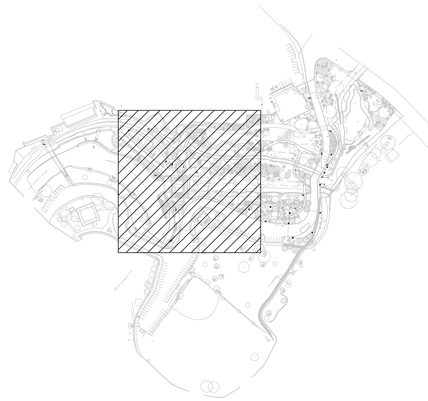
Drawing Title
LIGHTING
PARTIAL SITE
PLAN

Drawing Number
E2.01

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2 KEY PLAN
SCALE: N.T.S.



1 LIGHTING PARTIAL SITE PLAN
SCALE: 1" = 16' - 0"

GENERAL NOTES: (THIS SHEET ONLY)

A. REFER TO E0.00 FOR GENERAL DEMOLITION NOTES.

(f) KEYED NOTES: (THIS SHEET ONLY)

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2. EXISTING LIGHT POLE.

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Company Reg. No.: F-7964
Date: 05-29-2025

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Date
30 May 2025
Phase
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Scale **North**

Drawing Title
LIGHTING
PARTIAL SITE
PLAN

Drawing Number
E2.02

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GENERAL NOTES: (THIS SHEET ONLY)

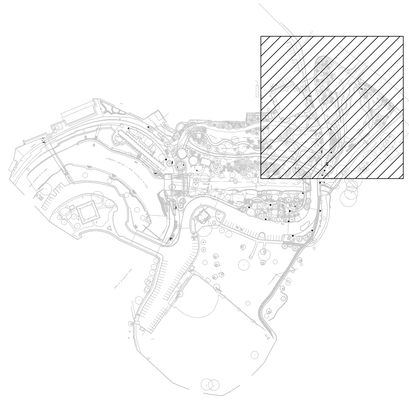
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2. EXISTING LIGHT POLE.



1 LIGHTING PARTIAL SITE PLAN
SCALE:1" = 16' - 0"



2 KEY PLAN
SCALE: N.T.S.

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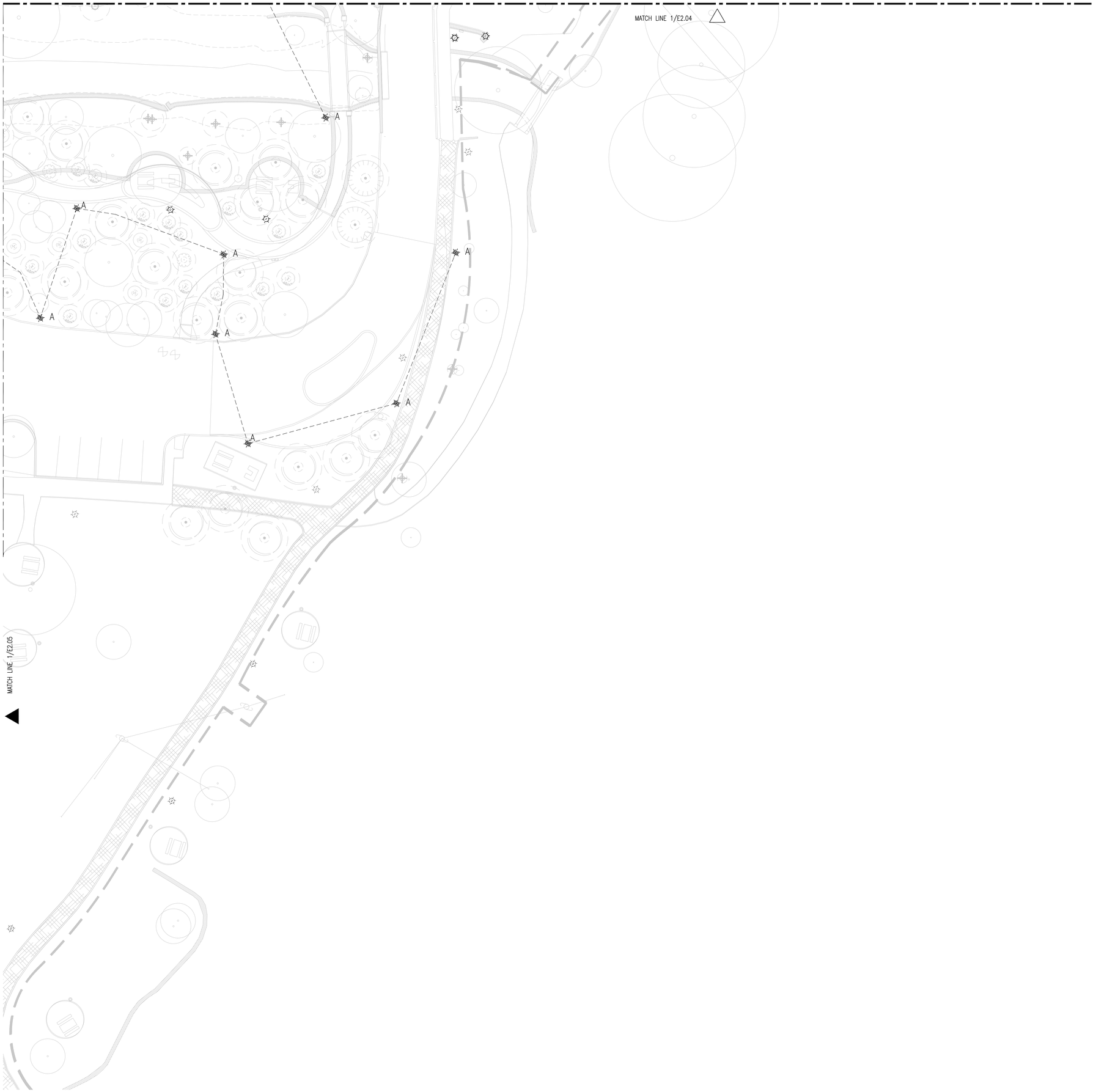
Scale

North

Drawing Title
LIGHTING
PARTIAL SITE
PLAN

Drawing Number
E2.03

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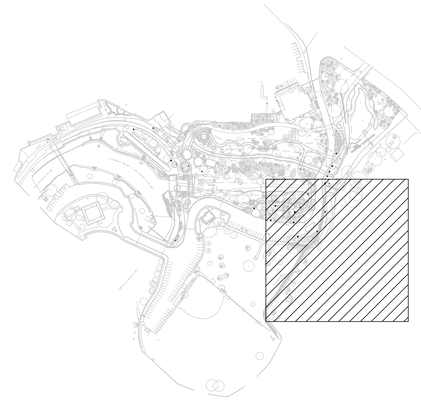


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2. EXISTING LIGHT POLE.



2 KEY PLAN
SCALE: N.T.S.

1 LIGHTING PARTIAL SITE PLAN
SCALE:1" = 16' - 0"

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30 May 2025
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95% CONSTRUCTION DOCUMENTS
Job Number
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Scale North

Drawing Title
LIGHTING
PARTIAL SITE
PLAN

Drawing Number
E2.04

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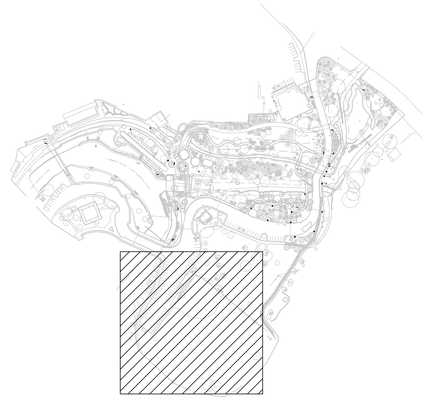


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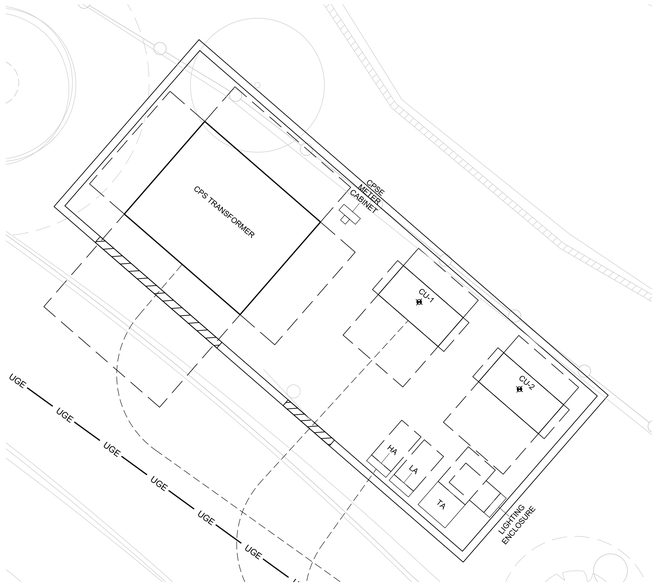
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Phase
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Job Number
CNOS701

Scale North

Drawing Title
LIGHTING
PARTIAL SITE
PLAN

Drawing Number
E2.05

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1 ELECTRICAL ENLARGED PLAN - UTILITY YARD

SCALE: NOT TO SCALE

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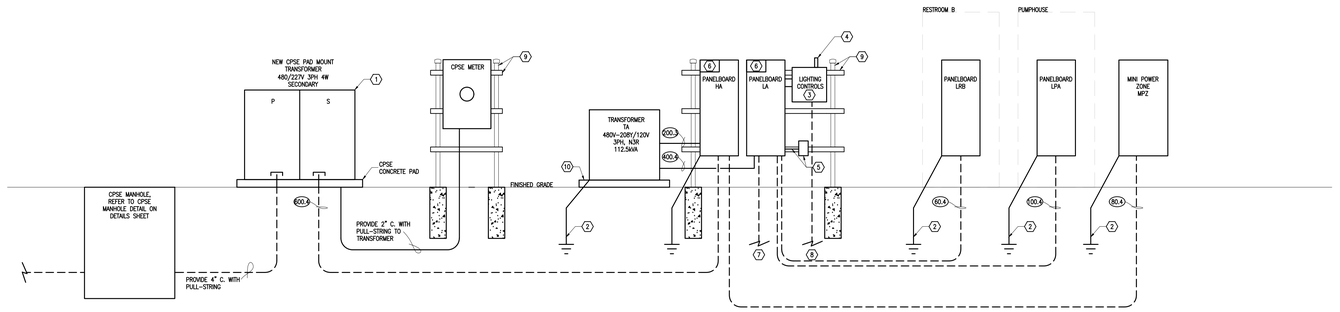
Job Number
CNOS701

Scale **North**

Drawing Title
ELECTRICAL
ENLARGED PLANS

Drawing Number
E3.01

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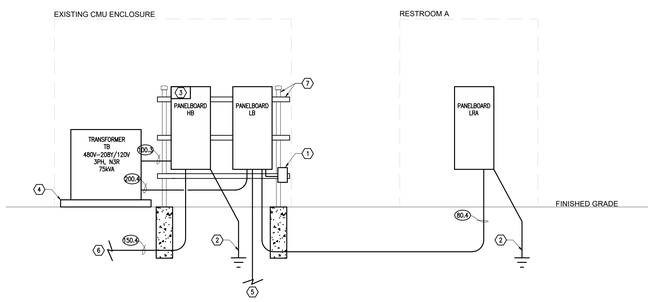


1 NEW WORK-ELECTRICAL RISER DIAGRAM
BRACKENRIDGE PARK

SCALE: N.T.S.

KEYED NOTES: (DETAIL NO.2 ONLY)

1. COORDINATE INSTALLATION OF NEW CPSE-PROVIDED PAD MOUNTED TRANSFORMER. CONTRACTOR SHALL PROVIDE PRIMARY CONDUIT. REFERENCE FEEDER SCHEDULE ON THIS SHEET AND DETAILS SHEET FOR CONC. PAD INFORMATION PER CPSE STANDARDS.
2. PROVIDE #1/0 CU. GROUNDING ELECTRODE IN 1" PVC TO EXOTHERMIC CONNECTION AT 3/4" DIA. X 10'L GROUNDING ROD.
3. PROVIDE N3R ENCLOSURE FOR LIGHTING CONTROL DEVICES. REFER TO LIGHTING CONTROL DIAGRAM.
4. PROVIDE PHOTOCELL SENSOR ACUITY CAT. NO. PCELL2WO OR APPROVED EQUAL.
5. PROVIDE (3)#10, #10 GND. IN 3/4" CONDUIT TO RECEPTACLE MOUNTED ON SERVICE RACK. PROVIDE WITH WEATHERPROOF BACK BOX AND CAST METAL WHILE-IN-USE COVER TAYMAC CAT. NO. MX3200 OR APPROVED EQUAL.
6. PROVIDE SURGE PROTECTIVE DEVICE. CONNECT TO BREAKER WITH (4)#6, #6 GND IN 1" C.
7. (TYP.) BRANCH FEEDERS VIA PANELBOARD "LA", REFER TO PARTIAL SITE PLAN SHEETS FOR CONTINUATION.
8. LIGHTING BRANCH FEEDERS VIA LIGHTING ENCLOSURE. REFER TO PARTIAL SITE PLANS FOR CONTINUATION.
9. PROVIDE 4" GALVANIZED CORROSION RESISTANT STEEL PIPE WITH CORROSION HOT DIPPED GALVANIZED 'U' CHANNELS.
10. PROVIDE HOUSEKEEPING PAD, 24" INCHES OR 12" MIN. ABOVE FLOODPLAIN, WHICHEVER IS GREATER.

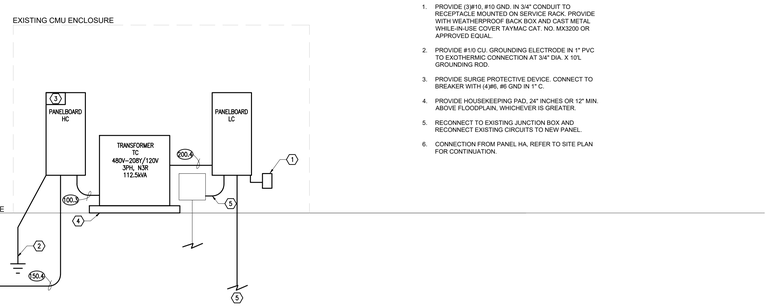


2 NEW WORK-ELECTRICAL RISER DIAGRAM
SOFTBALL FIELD SERVICE

SCALE: N.T.S.

KEYED NOTES: (THIS DETAIL ONLY)

1. PROVIDE (3)#10, #10 GND. IN 3/4" CONDUIT TO RECEPTACLE MOUNTED ON SERVICE RACK. PROVIDE WITH WEATHERPROOF BACK BOX AND CAST METAL WHILE-IN-USE COVER TAYMAC CAT. NO. MX3200 OR APPROVED EQUAL.
2. PROVIDE #1/0 CU. GROUNDING ELECTRODE IN 1" PVC TO EXOTHERMIC CONNECTION AT 3/4" DIA. X 10'L GROUNDING ROD.
3. PROVIDE SURGE PROTECTIVE DEVICE. CONNECT TO BREAKER WITH (4)#6, #6 GND IN 1" C.
4. PROVIDE HOUSEKEEPING PAD, 24" INCHES OR 12" MIN. ABOVE FLOODPLAIN, WHICHEVER IS GREATER.
5. RECONNECT ANY EXISTING CIRCUITS TO NEW PANEL.
6. CONNECTION FROM PANEL HA, REFER TO SITE PLAN FOR CONTINUATION.
7. PROVIDE 4" GALVANIZED CORROSION RESISTANT STEEL PIPE WITH CORROSION HOT DIPPED GALVANIZED 'U' CHANNELS.

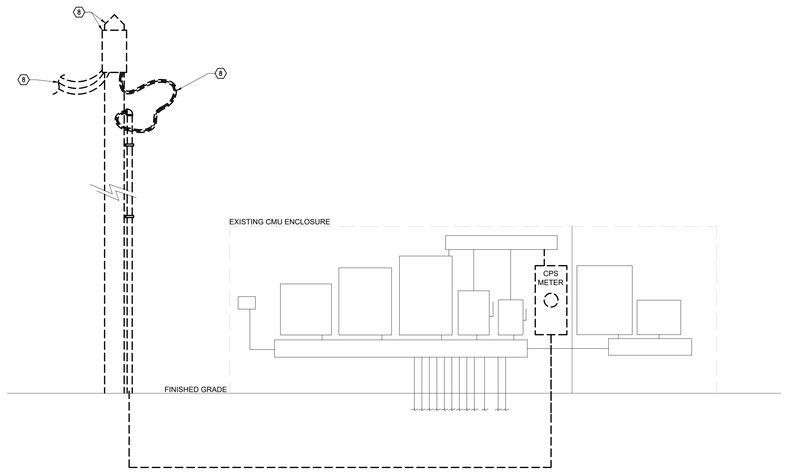


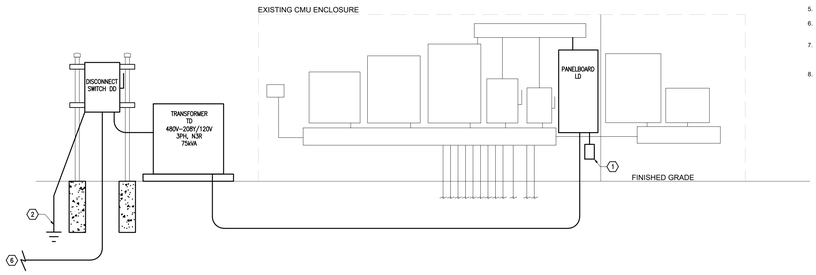
3 NEW WORK-ELECTRICAL RISER DIAGRAM
SOUTH PARKING LOT SERVICE

SCALE: N.T.S.

KEYED NOTES: (THIS DETAIL ONLY)

1. PROVIDE (3)#10, #10 GND. IN 3/4" CONDUIT TO RECEPTACLE MOUNTED ON SERVICE RACK. PROVIDE WITH WEATHERPROOF BACK BOX AND CAST METAL WHILE-IN-USE COVER TAYMAC CAT. NO. MX3200 OR APPROVED EQUAL.
2. PROVIDE #1/0 CU. GROUNDING ELECTRODE IN 1" PVC TO EXOTHERMIC CONNECTION AT 3/4" DIA. X 10'L GROUNDING ROD.
3. PROVIDE SURGE PROTECTIVE DEVICE. CONNECT TO BREAKER WITH (4)#6, #6 GND IN 1" C.
4. PROVIDE HOUSEKEEPING PAD, 24" INCHES OR 12" MIN. ABOVE FLOODPLAIN, WHICHEVER IS GREATER.
5. RECONNECT TO EXISTING JUNCTION BOX AND RECONNECT EXISTING CIRCUITS TO NEW PANEL.
6. CONNECTION FROM PANEL HA, REFER TO SITE PLAN FOR CONTINUATION.





KEYED NOTES: (THIS DETAIL ONLY)

1. PROVIDE (3)#10, #10 GND. IN 3/4" CONDUIT TO RECEPTACLE MOUNTED ON SERVICE RACK. PROVIDE WITH WEATHERPROOF BACK BOX AND CAST METAL WHILE-IN-USE COVER TAYMAC CAT. NO. MX3200 OR APPROVED EQUAL.
2. PROVIDE #1/0 CU. GROUNDING ELECTRODE IN 1" PVC TO EXOTHERMIC CONNECTION AT 3/4" DIA. X 10'L GROUNDING ROD.
3. PROVIDE SURGE PROTECTIVE DEVICE. CONNECT TO BREAKER WITH (4)#6, #6 GND IN 1" C.
4. PROVIDE HOUSEKEEPING PAD, 24" INCHES OR 12" MIN. ABOVE FLOODPLAIN, WHICHEVER IS GREATER.
5. RECONNECT ANY EXISTING CIRCUITS TO NEW PANEL.
6. CONNECTION FROM PANEL HA, REFER TO SITE PLAN FOR CONTINUATION.
7. PROVIDE 4" GALVANIZED CORROSION RESISTANT STEEL PIPE WITH CORROSION HOT DIPPED GALVANIZED 'U' CHANNELS.
8. COORDINATE WITH CPSE ON REMOVAL OF EXISTING OVERHEAD AND UTILITY POLES.

4 NEW WORK-ELECTRICAL RISER DIAGRAM
CONSERVANCY SERVICE

SCALE: N.T.S.

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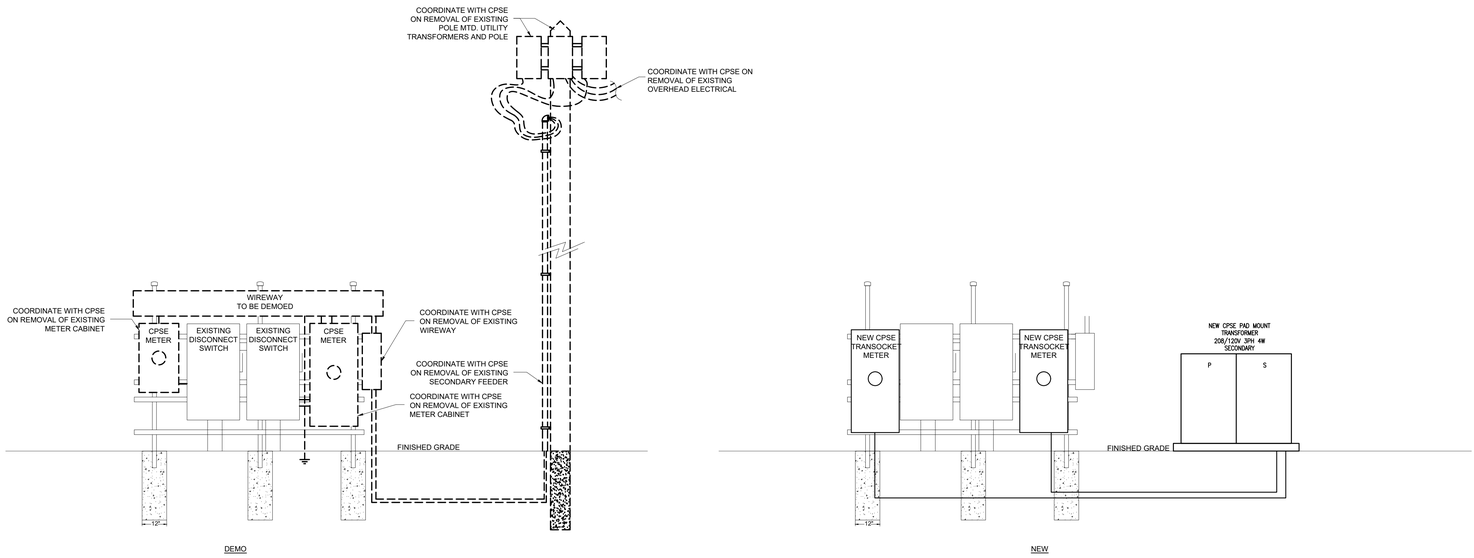
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ELECTRICAL RISER DIAGRAMS - NEW WORK

Drawing Number
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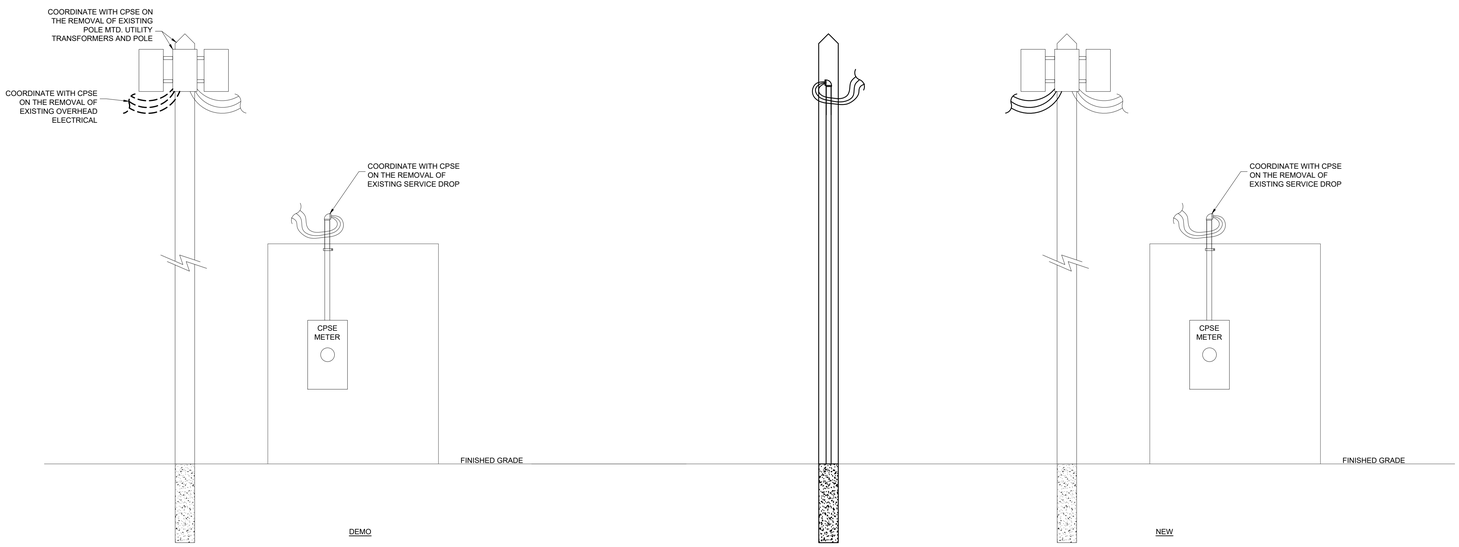
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KEYED NOTES: (DETAIL NO.2 ONLY)



1 ELECTRICAL RISER DIAGRAM COSA ZOO-STABLES

SCALE: N.T.S.



3 ELECTRICAL RISER DIAGRAM COSA ZOO-FOOD KIOSK

SCALE: N.T.S.

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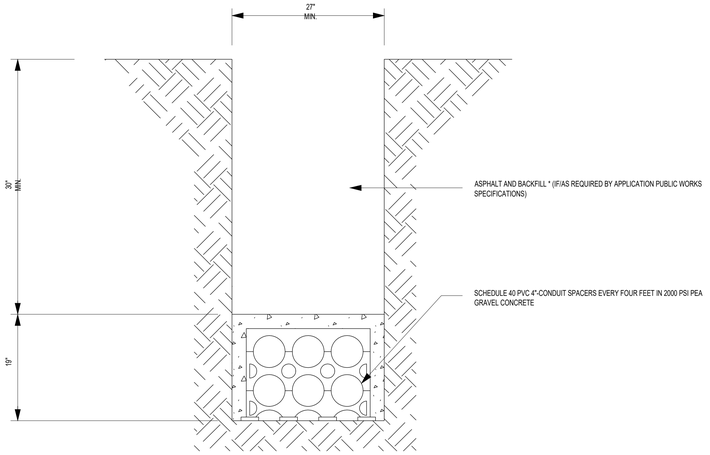
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ELECTRICAL RISER DIAGRAMS

Drawing Number

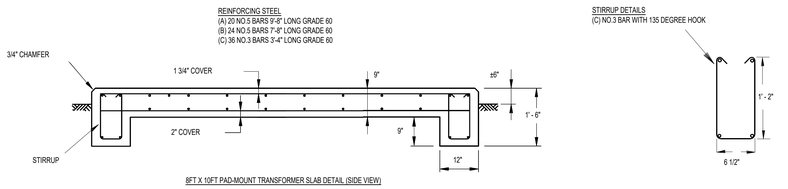
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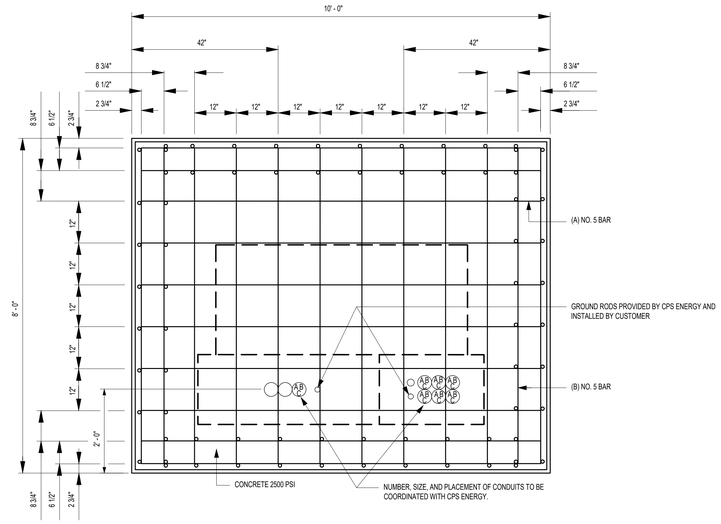
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1 CPSE STANDARD PRIMARY DUCT BANK DETAIL

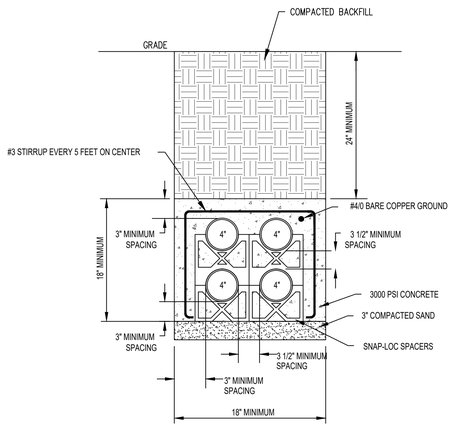
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2 TRANSFORMER STANDARD DETAIL

SCALE: NOT TO SCALE



GENERAL NOTES (DETAIL NO. 3 ONLY):

A. PROVIDE CARLON, SNAP-LOC SPACERS ON 6'-0" CENTERS.

B. PROVIDE BEADED STRAP AND LOCKING KEY WAY FOR CONDUITS MOUNTED ON TOP OF SPACER RACK.

C. TOP OF CONCRETE CAP TO FINISHED GRADE SHALL BE A MINIMUM OF 24". TOP OF CONCRETE MIX SHALL BE PAINTED RED.

D. REFER TO CIVIL DRAWING FOR ELEVATION AND EXACT LOCATION OF DUCTBANK.

E. ALL CONDUITS SHALL BE EB20-PVC.

F. RUN #2/0 BARE COPPER GROUND CONTINUOUS IN DUCTBANK. BOND ALL METAL HARDWARE AND STEEL REINFORCEMENTS IN MANHOLES.

G. PROVIDE WITH UNDERGROUND DETECTABLE TAPE, 12" FROM GRADE MIN.

3 (4) CONDUIT SECONDARY DUCT BANK DETAIL

SCALE: NOT TO SCALE

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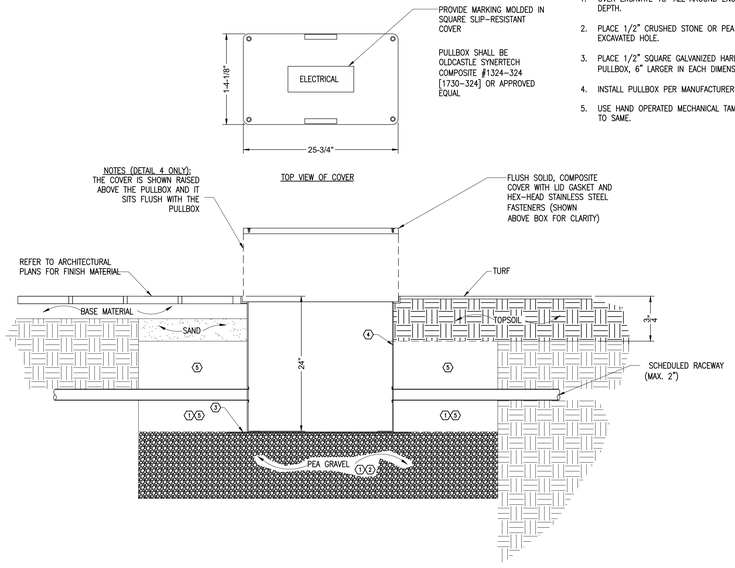
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Drawing Number

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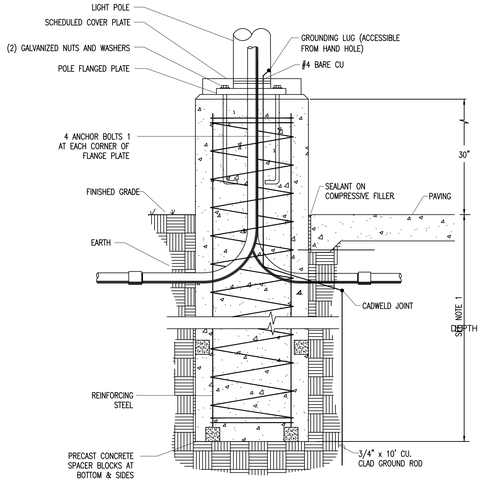


KEYED NOTES (DETAIL 1 ONLY):

1. OVER EXCAVATE 18" ALL AROUND ENCLOSURE AND 12" ADDITIONAL DEPTH.
2. PLACE 1/2" CRUSHED STONE OR PEA GRAVEL AT BASE OF EXCAVATED HOLE.
3. PLACE 1/2" SQUARE GALVANIZED HARDWARE CLOTH BELOW PULLBOX, 6" LARGER IN EACH DIMENSION.
4. INSTALL PULLBOX PER MANUFACTURER'S WRITTEN DIRECTIONS.
5. USE HAND OPERATED MECHANICAL TAMPER TO COMPACT BACKFILL TO SAME.

1 ELECTRICAL PULLBOX DETAIL

SCALE: NOT TO SCALE



KEYED NOTES (DETAIL 2 ONLY):

1. REFER TO STRUCTURAL DRAWINGS FOR POLE BASE DIAMETER, DEPTH CONCRETE, AND REINFORCEMENT REQUIREMENTS.
2. PROVIDE RUBBED FINISH AT EXPOSED SURFACE OF BASE.
3. PROVIDE 1" CHAMFER FINISH AT TOP EDGE.
4. CONDUIT WITHIN CONCRETE BASE SHALL BE RIGID GALVANIZED STEEL (RGS), WRAPPED WITH UL LISTED CORROSION PROTECTIVE TAPE OR PVC COATED RGS.
5. RE: SPECIFICATIONS FOR UNDERGROUND BRANCH CONDUIT REQUIREMENTS.

2 LIGHT POLE DETAIL

SCALE: NOT TO SCALE

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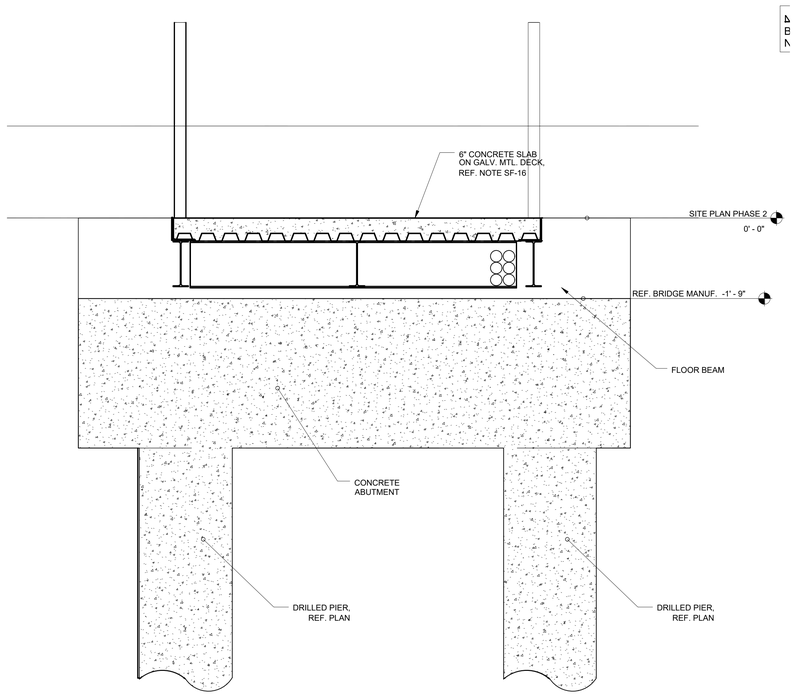
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1 BRIDGE SECTION
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LIGHTING FIXTURE SCHEDULE

TYPE	LAMPS	MOUNTING	MOUNTING HEIGHT	VOLTS	WATTS	DESCRIPTION	MANUFACTURER AND CATALOG NO.	NOTES
A	3000K LED	POLE	10FT	120		LED PEDESTRIAN LIGHT	STERNBERG LIGHTING: B750SRLED-992-30-BKT POLE: STERNBERG LIGHTING: RC10E-GF-SG	
B	2700K LED	KNUCKLE		120	30W	PUMP HOUSE LIGHTING	INSIGHT LIGHTING: PS6-HO-30K-40	
C	3000K LED	POLE		120	31W	MULTI HEAD LANDSCAPE FLOODLIGHT WITH POLE	LUMINIS: SC355-L1L10-FLD-	
D	3000K LED	RECESSED		120	6W	GROUND MOUNTED LUMINAIRES	BEGA	
F	2700K LED							
G	3000K LED	PENDANT						
H	LED	WALL						
U2	LED	WALL						
U4	LED	WALL						

LIGHTING FIXTURE GENERAL NOTES:
1. ALTERNATE EQUIVALENT MANUFACTURERS MAY BE SUBMITTED TO BASIS OF DESIGN BY APPROVAL. ACCEPTANCE TO BE DETERMINED BY EOR.
2. ALL POLES, FIXTURES, ACCESSORIES AND EPA RATINGS SHALL BE CONFIRMED BY THE MANUFACTURER AND REVIEWED IN SUBMITTAL PHASE.
3. FINISH COLOR OF POLES AND LUMINAIRES SHALL MATCH. PROVIDE DARK BRONZE COLOR UNLESS OTHERWISE DIRECTED BY ARCHITECT DURING SUBMITTAL REVIEW.
4. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR TYPE S3 FIXTURES PER THE PROJECT INSTALLATION REQUIREMENTS.

EQUIPMENT CONNECTION SCHEDULE

EQUIPMENT TAG	KW HEAT	VOLTAGE / PHASE	MOTOR (HP)	EQUIPMENT (FLA)	EQUIPMENT (MCA)	OCP	DISCONNECTING MEANS	ENCLOSURE NEMA RATING	WIRE & CONDUIT	CIRCUIT NUMBER	NOTES
CONDESING UNITS											
CU-1	-	208/3	-	24.0	30.0	40.0	240V,60A, NF, HD	N3R		-	8
CU-2	-	208/3	-	24.0	30.0	40.0	240V,60A, NF, HD	N3R		-	8
AIR HANDLING UNITS											
AHU-1	-	208/1	-	10.00	12.5	15.0	MOTOR RATED SWITCH	N1		-	
AHU-2	-	208/1	-	10.00	12.5	15.0	MOTOR RATED SWITCH	N1		-	
HEAT TRACE											
HT-1	-	-	-	-	-	-	-	-		-	
TANKLESS WATER HEATER											
TW-1	-	208/3	-	20.8	26.0	40.0	240V,60A, NF, HD	N1		-	
TW-2	-	208/3	-	29.2	36.5	50.0	240V,60A, NF, HD	N1		-	
TW-3	-	208/3	-	29.2	36.5	50.0	240V,60A, NF, HD	N1		-	

4-Jun

NOTES:

1. STARTER PROVIDED BY DIVISION 15. INSTALL AND WIRE THROUGH DIVISION 16.
2. VFD PROVIDED BY DIVISION 15. INSTALL AND WIRE THROUGH DIVISION 16.
3. DISCONNECT SWITCH PROVIDED , INSTALLED, AND WIRED THROUGH DIVISION 16.
4. DUAL PUMP CONTROLLER PROVIDED BY DIVISION 15. INSTALL AND WIRE THROUGH DIVISION 16.
5. CONTROL PANEL PROVIDED BY DIVISION 15. INSTALL AND WIRE THROUGH DIVISION 16.
6. POWER CONNECTION BETWEEN INDOOR AND OUTDOOR UNITS BY DIVISION 15
7. CONTROLS PROVIDED BY DIVISION 15. INSTALL AND WIRE THROUGH DIVISION 16.
8. PROVIDE POWER CONNECTION BETWEEN INDOOR AND OUTDOOR UNIT PER MECHANICAL DRAWINGS/EQUIPMENT CONNECTION SCHEDULE
9. INSTALL SMOKE DETECTORS AS REQUIRED BY MECHANICAL. COORDINATE CONTROLS WITH FIRE ALARM FOR FUNCTIONALITY.

GENERAL NOTES:

1. VERIFY ELECTRICAL REQUIREMENTS WITH MECHANICAL / PLUMBING EQUIPMENT SUBMITTALS PRIOR TO ELECTRICAL ROUGH-IN.

ANALYSIS OF PROJECTED ELECTRICAL LOAD
BRACKENRIDGE PARK

6/4/2025

SERVICE VOLTAGE: 480/277V, 3 Ph., 4W

LOAD DESCRIPTION								CONNECTED LOAD, kVA	NEC LOAD kVA	NEC LOAD AMPERES
EXISTING LOADS (FROM UTILITY DEMAND):							NOTES			
PRIOR 12 MONTH PEAK DEMAND-"BATH HOUSE" (MAY, 2023) *D*	0	kW	@	0.9	PF	1		-	-	-
PRIOR 12 MONTH PEAK DEMAND-"EXST. BLDG I" (MAY, 2023)	0	kW	@	0.9	PF	1		-	-	-
PRIOR 12 MONTH PEAK DEMAND-"EXST. BLDG III" (MAY, 2023)	0	kW	@	0.9	PF	1		-	-	-
PRIOR 12 MONTH PEAK DEMAND-"LAMPERT BEACH" (JULY, 2023) *H*	2	kW	@	0.88	PF	1		2	2.8	3
PRIOR 12 MONTH PEAK DEMAND "Conservatory Bldg" (JAN, 2023) *J*	16	kW	@	0.88	PF	1		18	22.7	27
PRIOR 12 MONTH PEAK DEMAND "SOFTBALL FIELD" (MARCH, 2023) *	11	kW	@	0.88	PF	1		13	15.6	19
PRIOR 12 MONTH PEAK DEMAND "PARKING LOT" (APRIL, 2023) *L*	6	kW	@	0.88	PF	1		7	8.5	10
PRIOR 12 MONTH PEAK DEMAND-"ZOO FOOD BLDG" (MAY, 2023) *F*	0	kW	@	0.9	PF	1		-	-	-
								SUBTOTAL	**50**	**60**
REMOVED LOADS							NOTES			
RECEPTACLES								(2)	(2.0)	(2)
LIGHTING								(16)	(16.0)	(19)
EQUIPMENT								3	3.0	4
								SUBTOTAL	**(15)**	**(18)**

NEW OR ADDED LOADS

LOAD DESCRIPTION	QUANTITY	UNIT LOAD	UNITS	DEMAND W/A	DEMAND FACTOR	NOTES	CONNECTED LOAD, kVA	NEC LOAD kVA	NEC LOAD AMPERES
GENERAL PURPOSE RECEPTACLES					1.00	2	5.0	5.0	6
INTERIOR LIGHTING	2,000	1.6	VA/ SF	4.0	1.25	3	1.1	4.0	5
EXTERIOR LIGHTING					1.25		3.8	4.7	6
EQUIPMENT					1.00		87.0	87.0	105
FANS					1.25		0.2	0.3	0
SPACE HEATING					1.00	4	-	-	-
SPACE COOLING					1.00	4	19.6	19.6	24
KITCHEN, QUANTITY OF COMMERCIAL EQUIPMENT = 1					1.00	5	0.5	0.5	1
DOMESTIC WATER HEATER SYSTEMS					1.00	6	6.0	6.0	7
25% OF LARGEST MOTOR					0.25		21.8	5.4	7
						CONNECTED NEW LOADS SUBTOTAL	**145**	**132**	**159**
						NET SUBTOTAL OF EXISTING, DEMO, AND NEW LOADS		167	201
						LOAD GROWTH ALLOWANCE 100%		167	201
						TOTAL		**334**	**402**
						SERVICE ENTRANCE DESIGN (TRANSFORMER/ MAIN PANEL)		225.0	**600**

NOTES:
1 EXISTING DEMAND LOAD DETERMINED IN ACCORDANCE WITH NEC 220.87
2 DIVERSIFIED PER NEC 220.14
3 UNIT LOADS ARE PER NEC TABLE 220.12
4 THE GREATER OF TOTAL HEATING AND COOLING IS USED, NEC 220-60
5 TEMPERATURE CONTROLLED AND INTERMITTENT USE EQPT, DIVERSIFIED PER NEC 220.56
6 INCLUDES DOMESTIC WATER HEATING EQPT AND ASSOCIATED PUMPS, ETC

BRACKENRIDGE PARK

SAN ANTONIO,
TX

CLIENT:
CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT (TCI)
PO BOX 839966, SAN ANTONIO TX
78283-3966

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P.E. Reg. No.: 85219
Company Name: CNG ENGINEERING, PLLC.
Company Reg. No.: F-7964
Date: 05-29-2025

Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale **North**

Drawing Title

ELECTRICAL MV SCHEDULES

Drawing Number

E6.01

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DISTRIBUTION PANEL HA

PROJECT : BRACKENRIDGE PARK
PROJECT # : 0015-18
LOCATION : UTILITY YARD
NOTES :
MAIN CIRCUIT BREAKER : 600A
MAIN LUGS ONLY : -
BUSSING : 600
VOLTAGE : 480/277V, 3PH, 4W
INTERRUPTING : 24 kAIC RMS SYM
ENCLOSURE : NEMA 3R
MOUNTING : SURFACE
CB TYPE : BOLT-ON
PROVIDE : NEUTRAL BUS
GROUND BUS

CKT	AMPS	POLE	CIRCUIT DESCRIPTION	LOAD	TYPE	PH	TYPE	LOAD	CIRCUIT DESCRIPTION	AMPS	POLE	CKT
1	200	3	PANEL LA VIA XFMR TA	-	-	A	-		PANEL HB	150	3	8
				-	-	B	-					
				-	-	C	-					
2	100	3	MINI POWER ZONE MPZ		-	A			PANEL HC	100	3	9
					-	B						
					-	C						
3	225	3	SPARE	-	-	A	-		DISCONNECT SWITCH DD	200	3	10
				-	-	B	-					
				-	-	C	-					
4	200	3	SPARE			A			SPARE	100	3	11
						B						
						C						
5	-	3	BUSSED SPACE ONLY			A			BUSSED SPACE ONLY	-	3	12
						B						
						C						
6	-	3	BUSSED SPACE ONLY			A			BUSSED SPACE ONLY	-	3	13
						B						
						C						
7	-	3	BUSSED SPACE ONLY			A			BUSSED SPACE ONLY	-	3	14
						B						
						C						

	PANEL VA	SUB FEED	FEED THRU	TOTAL CONN	TOTAL DEMAND VA	TOTAL DEMAND AMPS	NOTES :
PHASE A							
PHASE B							
PHASE C							
TOTAL							REVISIONS:

CNG ENGINEERING, PLLC. R3.1 - Nov. 4

PANEL 'LA'

PROJECT : BRACKENRIDGE PARK
PROJECT # : 0015-18
LOCATION : UTILITY YARD
NOTES :
MAIN CIRCUIT BREAKER : -
MAIN LUGS ONLY : 400A
BUSSING : 400A
VOLTAGE : 208/120V, 3PH, 4W
INTERRUPTING : 42kAIC
ENCLOSURE : NEMA 3R
MOUNTING : SURFACE
CB TYPE : BOLT-ON
PROVIDE : NEUTRAL BUS
GROUND BUS

CKT	AMPS	POLE	CIRCUIT DESCRIPTION	LOAD	TYPE	PH	TYPE	LOAD	CIRCUIT DESCRIPTION	AMPS	POLE	CKT
1	20	1	SITE RECEPTACLES			A						2
3	20	1	SITE RECEPTACLES			B			PANEL LRB	60	3	4
5	20	1	SITE RECEPTACLES			C						6
7	20	1	SITE RECEPTACLES			A						8
9	20	1	SITE RECEPTACLES			B			PANEL LPA	100	3	10
11	20	1	SITE RECEPTACLES			C						12
13	20	1	SITE RECEPTACLES			A			SPARE	20	1	14
15	20	1	SPARE			B			SPARE	20	1	16
17	20	1	SPARE			C			SPARE	20	1	18
19	20	1	SPARE			A			SPARE	20	1	20
21	20	1	SPARE			B			SPARE	20	1	22
23	20	1	SPARE			C			SPARE	20	1	24
25	20	1	SPARE			A			SPARE	20	1	26
27	20	1	SPARE			B			SPARE	20	1	28
29	20	1	SPARE			C			SPARE	20	1	30

	PANEL VA	SUB FEED	FEED THRU	TOTAL CONN	TOTAL DEMAND VA	TOTAL DEMAND AMPS	NOTES :
PHASE A	(2,180)	2,180	-	-			
PHASE B	(2,180)	2,180	-	-			
PHASE C	(1,680)	1,680	-	-			
TOTAL	(6,040)	6,040	-	-			REVISIONS:

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PANEL LRB

PROJECT : BRACKENRIDGE PARK
PROJECT # : 0015-18
LOCATION : RESTROOM B
NOTES :
MAIN CIRCUIT BREAKER : 60A
MAIN LUGS ONLY : -
BUSSING : 100A
VOLTAGE : 208/120V, 3PH, 4W
INTERRUPTING : 18kAIC
ENCLOSURE : NEMA 3R
MOUNTING : SURFACE
CB TYPE : BOLT-ON
PROVIDE : NEUTRAL BUS
GROUND BUS

CKT	AMPS	POLE	CIRCUIT DESCRIPTION	LOAD	TYPE	PH	TYPE	LOAD	CIRCUIT DESCRIPTION	AMPS	POLE	CKT
1	20	1	SPARE			A			SPARE	20	1	2
3	20	1	SPARE			B			SPARE	20	1	4
5	20	1	SPARE			C			SPARE	20	1	6
7	20	1	SPARE			A			SPARE	20	1	8
9	20	1	SPARE			B			SPARE	20	1	10
11	20	1	SPARE			C			'EWH-1'	20	1	12
13	20	1	SPARE			A			SPARE	20	1	14
15	20	1	SPARE			B			SPARE	20	1	16
17	20	1	SPARE			C			SPARE	20	1	18

	PANEL VA	SUB FEED	FEED THRU	TOTAL CONN	TOTAL DEMAND VA	TOTAL DEMAND AMPS	NOTES :
PHASE A							
PHASE B							
PHASE C							
TOTAL							REVISIONS:

CNG ENGINEERING, PLLC. R3.1 - Nov. 4

PANEL LPA

PROJECT : BRACKENRIDGE PARK
PROJECT # : 0015-18
LOCATION : PUMP HOUSE
NOTES :
MAIN CIRCUIT BREAKER : 100A
MAIN LUGS ONLY : -
BUSSING : 100A
VOLTAGE : 208/120V, 3PH, 4W
INTERRUPTING : 18kAIC
ENCLOSURE : NEMA 1
MOUNTING : SURFACE
CB TYPE : BOLT-ON
PROVIDE : NEUTRAL BUS
GROUND BUS

CKT	AMPS	POLE	CIRCUIT DESCRIPTION	LOAD	TYPE	PH	TYPE	LOAD	CIRCUIT DESCRIPTION	AMPS	POLE	CKT
1	20	1	SPARE			A			SPARE	20	1	2
3	20	1	SPARE			B			SPARE	20	1	4
5	20	1	SPARE			C			SPARE	20	1	6
7	20	1	SPARE			A			SPARE	20	1	8
9	20	1	SPARE			B			SPARE	20	1	10
11	20	1	SPARE			C			'EWH-1'	20	1	12
13	20	1	SPARE			A			SPARE	20	1	14
15	20	1	SPARE			B			SPARE	20	1	16
17	20	1	SPARE			C			SPARE	20	1	18
19	20	1	SPARE			A			SPARE	20	1	20
21	20	1	SPARE			B			SPARE	20	1	22
23	20	1	SPARE			C			SPARE	20	1	24
25	20	1	SPARE			A			SPARE	20	1	26
27	20	1	SPARE			B			SPARE	20	1	28
29	20	1	SPARE			C			SPARE	20	1	30
31	20	1	SPARE			A			SPARE	20	1	32
33	20	1	SPARE			B			SPARE	20	1	34
35	20	1	SPARE			C			SPARE	20	1	36
37	20	1	SPARE			A			SPARE	20	1	38
39	20	1	SPARE			B			SPARE	20	1	40
41	20	1	SPARE			C			SPARE	20	1	42

	PANEL VA	SUB FEED	FEED THRU	TOTAL CONN	TOTAL DEMAND VA	TOTAL DEMAND AMPS	NOTES :
PHASE A							
PHASE B							
PHASE C							
TOTAL							REVISIONS:

CNG ENGINEERING, PLLC. R3.1 - Nov. 4

PANEL HB

PROJECT : BRACKENRIDGE PARK
PROJECT # : 0015-18
LOCATION : SOFTBALL FIELD
NOTES :
MAIN CIRCUIT BREAKER : 150A
MAIN LUGS ONLY : -
BUSSING : 225A
VOLTAGE : 480/277V, 3PH, 4W
INTERRUPTING : 18kAIC
ENCLOSURE : NEMA 3R
MOUNTING : SURFACE
CB TYPE : BOLT-ON
PROVIDE : NEUTRAL BUS
GROUND BUS

CKT	AMPS	POLE	CIRCUIT DESCRIPTION	LOAD	TYPE	PH	TYPE	LOAD	CIRCUIT DESCRIPTION	AMPS	POLE	CKT
1						A			SPARE	20	1	2
3	100	3	PANEL LB VIA XFMR TB			B			SPARE	20	1	4
5						C			SPARE	20	1	6
7	20	1	SPARE			A			SPARE	20	1	8
9	20	1	SPARE			B			SPARE	20	1	10
11	20	1	SPARE			C			'EWH-1'	20	1	12
13	20	1	SPARE			A			SPARE	20	1	14
15	20	1	SPARE			B			SPARE	20	1	16
17	20	1	SPARE			C			SPARE	20	1	18
19	20	1	SPARE			A			SPARE	20	1	20
21	20	1	SPARE			B			SPARE	20	1	22
23	20	1	SPARE			C			SPARE	20	1	24
25	20	1	SPARE			A			SPARE	20	1	26
27	20	1	SPARE			B			SPARE	20	1	28
29	20	1	SPARE			C			SPARE	20	1	30
31	20	1	SPARE			A			SPARE	20	1	32
33	20	1	SPARE			B			SPARE	20	1	34
35	20	1	SPARE			C			SPARE	20	1	36
37	20	1	SPARE			A			SPARE	20	1	38
39	20	1	SPARE			B			SPARE	20	1	40
41	20	1	SPARE			C			SPARE	20	1	42

	PANEL VA	SUB FEED	FEED THRU	TOTAL CONN	TOTAL DEMAND VA	TOTAL DEMAND AMPS	NOTES :
PHASE A							
PHASE B							
PHASE C							
TOTAL							REVISIONS:

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PANEL LB

PROJECT : BRACKENRIDGE PARK
PROJECT # : 0015-18
LOCATION : SOFTBALL FIELD
NOTES :
MAIN CIRCUIT BREAKER : 200A
MAIN LUGS ONLY : -
BUSSING : 225A
VOLTAGE : 208/120V, 3PH, 4W
INTERRUPTING : 18kAIC
ENCLOSURE : NEMA 3R
MOUNTING : SURFACE
CB TYPE : BOLT-ON
PROVIDE : NEUTRAL BUS
GROUND BUS

CKT	AMPS	POLE	CIRCUIT DESCRIPTION	LOAD	TYPE	PH	TYPE	LOAD	CIRCUIT DESCRIPTION	AMPS	POLE	CKT
1						A			SPARE	20	1	2
3	60	3	PANEL LRA			B			SPARE	20	1	4
5						C			SPARE	20	1	6
7	20	1	SPARE			A			SPARE	20	1	8
9	20	1	SPARE			B			SPARE	20	1	10
11	20	1	SPARE			C			'EWH-1'	20	1	12
13	20	1	SPARE			A			SPARE	20	1	14
15	20	1	SPARE			B			SPARE	20	1	16
17	20	1	SPARE			C			SPARE	20	1	18
19	20	1	SPARE			A			SPARE	20	1	20
21	20	1	SPARE			B			SPARE	20	1	22
23	20	1	SPARE			C			SPARE	20	1	24
25	20	1	SPARE			A			SPARE	20	1	26
27	20	1	SPARE			B			SPARE	20	1	28
29	20	1	SPARE			C			SPARE	20	1	30
31	20	1	SPARE			A			SPARE	20	1	32
33	20	1	SPARE			B			SPARE	20	1	34
35	20	1	SPARE			C			SPARE	20	1	36
37	20	1	SPARE			A			SPARE	20	1	38
39	20	1	SPARE			B			SPARE	20	1	40
41	20	1	SPARE			C			SPARE	20	1	42

	PANEL VA	SUB FEED	FEED THRU	TOTAL CONN	TOTAL DEMAND VA	TOTAL DEMAND AMPS	NOTES :
PHASE A							
PHASE B							
PHASE C							
TOTAL							REVISIONS:

CNG ENGINEERING, PLLC. R3.1 - Nov. 4

PANEL HC

PROJECT : BRACKENRIDGE PARK
PROJECT # : 0015-18
LOCATION : S.PARKING LOT
NOTES :
MAIN CIRCUIT BREAKER : 200A
MAIN LUGS ONLY : -
BUSSING : 225A
VOLTAGE : 480/277V, 3PH, 4W
INTERRUPTING : 18kAIC
ENCLOSURE : NEMA 3R
MOUNTING : SURFACE
CB TYPE : BOLT-ON
PROVIDE : NEUTRAL BUS
GROUND BUS

CKT	AMPS	POLE	CIRCUIT DESCRIPTION	LOAD	TYPE	PH	TYPE	LOAD	CIRCUIT DESCRIPTION	AMPS	POLE	CKT
1						A			SPARE	20	1	2
3	225	3	PANEL LC VIA XFMR TC			B			SPARE	20	1	4
5						C			SPARE	20	1	6
7	20	1	SPARE			A			SPARE	20	1	8
9	20	1	SPARE			B			SPARE	20	1	10
11	20	1	SPARE			C			SPARE	20	1	12
13	20	1	SPARE			A			SPARE	20	1	14
15	20	1	SPARE			B			SPARE	20	1	16
17	20	1	SPARE			C			SPARE	20	1	18
19	20	1	SPARE			A			SPARE	20	1	20
21	20	1	SPARE			B			SPARE	20	1	22
23	20	1	SPARE			C			SPARE	20	1	24
25	20	1	SPARE			A			SPARE	20	1	26
27	20	1	SPARE			B			SPARE	20	1	28
29	20	1	SPARE			C			SPARE	20	1	30
31	20	1	SPARE			A			SPARE	20	1	32
33	20	1	SPARE			B			SPARE	20	1	34
35	20	1	SPARE			C			SPARE	20	1	36
37	20	1	SPARE			A			SPARE	20	1	38
39	20	1	SPARE			B			SPARE	20	1	40
41	20	1	SPARE			C			SPARE	20	1	42

	PANEL VA	SUB FEED	FEED THRU	TOTAL CONN	TOTAL DEMAND VA	TOTAL DEMAND AMPS	NOTES :
PHASE A							
PHASE B							
PHASE C							
TOTAL							REVISIONS:

CNG ENGINEERING, PLLC. R3.1 - Nov. 4

PANEL LRA

PROJECT : BRACKENRIDGE PARK
PROJECT # : 0015-18
LOCATION : RESTROOM A
NOTES :
MAIN CIRCUIT BREAKER : 60A
MAIN LUGS ONLY : -
BUSSING : 100A
VOLTAGE : 208/120V, 3PH, 4W
INTERRUPTING : 18kAIC
ENCLOSURE : NEMA 3R
MOUNTING : SURFACE
CB TYPE : BOLT-ON
PROVIDE : NEUTRAL BUS
GROUND BUS

CKT	AMPS	POLE	CIRCUIT DESCRIPTION	LOAD	TYPE	PH	TYPE	LOAD	CIRCUIT DESCRIPTION	AMPS	POLE	CKT
1	20	1	SPARE			A			SPARE	20	1	2
3	20	1	SPARE			B			SPARE	20	1	4
5	20	1	SPARE			C			SPARE	20	1	6
7	20	1	SPARE			A			SPARE	20	1	8
9	20	1	SPARE			B			SPARE	20	1	10
11	20	1	SPARE			C			'EWH-1'	20	1	12
13	20	1	SPARE			A			SPARE	20	1	14
15	20	1	SPARE			B			SPARE	20	1	16
17	20	1	SPARE			C			SPARE	20	1	18

	PANEL VA	SUB FEED	FEED THRU	TOTAL CONN	TOTAL DEMAND VA	TOTAL DEMAND AMPS	NOTES :
PHASE A							
PHASE B							
PHASE C							
TOTAL							REVISIONS:

CNG ENGINEERING, PLLC. R3.1 - Nov. 4

PANEL LC

PROJECT : BRACKENRIDGE PARK
PROJECT # : 0015-18
LOCATION : S.PARKING LOT
NOTES :
MAIN CIRCUIT BREAKER : 225A
MAIN LUGS ONLY : -
BUSSING : 225A
VOLTAGE : 208/120V, 3PH, 4W
INTERRUPTING : 18kAIC
ENCLOSURE : NEMA 3R
MOUNTING : SURFACE
CB TYPE : BOLT-ON
PROVIDE : NEUTRAL BUS
GROUND BUS

CKT	AMPS	POLE	CIRCUIT DESCRIPTION	LOAD	TYPE	PH	TYPE	LOAD	CIRCUIT DESCRIPTION	AMPS	POLE	CKT
1	20	1	SPARE			A			SPARE	20	1	2
3	20	1	SPARE			B			SPARE	20	1	4
5	20	1	SPARE			C			SPARE	20	1	6
7	20	1	SPARE			A			SPARE	20	1	8
9	20	1	SPARE			B			SPARE	20	1	10
11	20	1	SPARE			C			'EWH-1'	20	1	12
13	20	1	SPARE			A			SPARE	20	1	14
15	20	1	SPARE			B			SPARE	20	1	16
17	20	1	SPARE			C			SPARE	20	1	18
19	20	1	SPARE			A			SPARE	20	1	20
21	20	1	SPARE			B			SPARE	20	1	22
23	20	1	SPARE			C			SPARE	20	1	24
25	20	1	SPARE			A			SPARE	20	1	26
27	20	1	SPARE			B			SPARE	20	1	28
29	20	1	SPARE			C			SPARE	20	1	30
31	20	1	SPARE			A			SPARE	20	1	32
33	20	1	SPARE			B			SPARE	20	1	34
35	20	1	SPARE			C			SPARE	20	1	36
37	20	1	SPARE			A			SPARE	20	1	38
39	20	1	SPARE			B			SPARE	20	1	40
41	20	1	SPARE			C			SPARE	20	1	42

	PANEL VA	SUB FEED	FEED THRU	TOTAL CONN	TOTAL DEMAND VA	TOTAL DEMAND AMPS	NOTES :
PHASE A							
PHASE B							
PHASE C							
TOTAL							REVISIONS:

CNG ENGINEERING, PLLC. R3.1 - Nov. 4

PANEL LD

PROJECT : BRACKENRIDGE PARK
PROJECT # : 0015-18
LOCATION : CONSERVANCY
NOTES :
MAIN CIRCUIT BREAKER : 225A
MAIN LUGS ONLY : -
BUSSING : 225A
VOLTAGE : 208/120V, 3PH, 4W
INTERRUPTING : 18kAIC
ENCLOSURE : NEMA 3R
MOUNTING : SURFACE
CB TYPE : BOLT-ON
PROVIDE : NEUTRAL BUS
GROUND BUS

CKT	AMPS	POLE	CIRCUIT DESCRIPTION	LOAD	TYPE	PH	TYPE	LOAD	CIRCUIT DESCRIPTION	AMPS	POLE	CKT
1	20	1	SPARE			A			SPARE	20	1	2
3	20	1	SPARE			B			SPARE	20	1	4
5	20	1	SPARE			C			SPARE	20	1	6
7	20	1	SPARE			A			SPARE	20	1	8
9	20	1	SPARE			B			SPARE	20	1	10
11	20	1	SPARE			C			'EWH-1'	20	1	12
13	20	1	SPARE			A			SPARE	20	1	14
15	20	1	SPARE			B			SPARE	20	1	16
17	20	1	SPARE			C			SPARE	20	1	18
19	20	1	SPARE			A			SPARE	20	1	20
21	20	1	SPARE			B			SPARE	20	1	22
23	20	1	SPARE			C			SPARE	20	1	24
25	20	1	SPARE			A			SPARE	20	1	26
27	20	1	SPARE			B			SPARE	20	1	28
29	20	1	SPARE			C			SPARE	20	1	30
31	20	1	SPARE			A			SPARE	20	1	32
33	20	1	SPARE			B			SPARE	20	1	34
35	20	1	SPARE			C			SPARE	20	1	36
37	20	1	SPARE			A			SPARE	20	1	38
39	20	1	SPARE			B			SPARE	20	1	40
41	20	1	SPARE			C			SPARE	20	1	42

	PANEL VA	SUB FEED	FEED THRU	TOTAL CONN	TOTAL DEMAND VA	TOTAL DEMAND AMPS	NOTES :
PHASE A							
PHASE B							
PHASE C							
TOTAL							REVISIONS:

CNG ENGINEERING, PLLC. R3.1 - Nov. 4

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Date: 05-29-2025

Revisions

Date
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale

North

Drawing Title

ELECTRICAL MV SCHEDULES

Drawing Number

E6.02

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PLUMBING SYMBOLS & ABBREVIATIONS

(NOTE: ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS)

PIPING DESIGNATIONS

CW	DOMESTIC POTABLE COLD WATER
HW	DOMESTIC HOT WATER SUPPLY
HWR	DOMESTIC HOT WATER RETURN
RW	RECLAIM WATER
PW	PRESSURE WASH COLD WATER
RO	REVERSE OSMOSIS
FW	FUEL WASH
CWP	CAR WASH PIPING
V	VENT
OPD	OIL PUMP DISCHARGE
SS	SANITARY
SPD	SUMP PUMP DISCHARGE
TP	TRAP PRIMER
G	NATURAL GAS
SD	STORM DRAIN
SSD	SECONDARY STORM DRAIN
TW	TEMPERED WATER
E-SS	EXISTING SANITARY
FP	FIRE STANDPIPE
FDC	FIRE DEPT. CONNECTION

PIPING DEVICES

SV	STOP, SHUT-OFF OR GATE VALVE
GV	BY-PASS OR GLOBE VALVE
BV	BALANCING VALVE, AUTO BALANCING VALVE
	BALL VALVE
	BUTTERFLY VALVE
	CKVCHECK VALVE, FLOW AS SHOWN
	MOTOR OPERATED VALVE FLEXIBLE CONNECTION
	SOLENOID VALVE (TWO AND THREE WAY)
	PRESSURE REDUCING VALVE
	RELIEF VALVE
	FLEXIBLE CONNECTOR
	PIPE SLEEVE
	FLOW MEASURING STATION
	DIAL THERMOMETER
	PRESSURE GAUGE
	THERMOMETER
	THERMOMETER WELL
P&T	PRESS. & TEMP. TEST PLUG
	SLOPE DN IN DIRECTION SHOWN
	FLOW DIRECTION
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	CAPPED PIPE TERMINATION
	ELBOW DOWN
	ELBOW UP
	TEE DOWN
	TEE UP
	CONNECTION SIDE OF MAIN
	CONNECTION TOP OF MAIN
	45 DEGREE OFFSET DOWN
	PIPE UP AND DOWN
	PIPE UP AND DOWN
	HOSE BIBB
	FLOOR SINK
	FLOOR DRAIN
	DOUBLE CHECK BACKFLOW PREVENTER ASSEMBLY
	TWO-WAY CLEANOUT
	WALL CLEANOUT
CO	END OF LINE CLEANOUT
	UNION
	DIELECTRIC UNION
"A"	WATER HAMMER ARRESTOR

GENERAL SYMBOLS

101	ROOM NUMBER
P-3-1A	DRAWING SECTION DESIGNATION
P.4-1A	DETAIL DESIGNATION

NOTE: DRAWING CATEGORY IS NOT INDICATED IF DETAIL OR SECTION DESIGNATION REFERS TO SAME CATEGORY.

P / 1	PLUMBING RISER
2	KEYED NOTES
2	REVISIONS
	CONNECTION TO EXISTING
	SCHEMATIC FAN OR PUMP
S	TEMPERATURE SENSOR

EQUIPMENT DESIGNATIONS

ABC-1 EQUIPMENT TYPE FROM LIST - SCHEDULED UNIT NUMBER

AC	AIR COMPRESSOR
ACU	AIR CONDITIONING UNIT
AF	AIR FILTER
AHU	AIR HANDLING UNIT
AS	AIR SEPARATOR
ATU	AIR TERMINAL UNIT
B	BOILER
BFP	BOILER FEEDWATER PUMP
BP	BOOSTER PUMP (WATER PRESSURE)
BR	BASEBOARD RADIATION
BS	BLOWDOWN SEPARATOR
C	CHILLER
CC	COOLING COIL
CRP	CONDENSATE RECEIVER PUMP UNIT
CRU	COMPUTER ROOM UNIT
CT	COOLING TOWER
CTH	COOLING TOWER HEATER
CU	CONDENSING UNIT (AIR COOLED)
DC	DRY COOLER
EC	EVAPORATIVE COOLER
EEW	EMERGENCY EYE WASH (& SHOWER)
EHC	ELECTRIC HEATING COIL
ET	EXPANSION TANK
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
FCU	FAN COIL UNIT
FCV	FLOW CONTROL VALVE (AUTOMATIC)
FD	FLOOR DRAIN
FP	FIRE PUMP
FTU	FAN TERMINAL UNIT
GRV	GRAVITY ROOF VENTILATOR
GWH	GAS WATER HEATER
H	HUMIDIFIER
HC	HEATING COIL
HPA	HEAT PUMP, AIR SOURCE
HPW	HEAT PUMP, WATER SOURCE
HWRP	HOT WATER RECIRCULATING PUMP
JP	JOCKEY PUMP
L	LAVATORY
MS	MOP SINK
MD	MOTORIZED DAMPER
P	PUMP
PP	PLUMBING PUMP
PRV	PRESSURE REDUCING VALVE
RC	REFRIGERANT COMPRESSOR
RH	RADIANT HEATING PANEL
RV	RELIEF VALVE
RVB	REFRIGERATOR VALVE BOX
RTU	ROOF TOP UNIT
SE	SEWAGE EJECTOR
SP	SUMP PUMP
ST	STEAM TRAP
TC	TRASH COMPACTOR
UH	UNIT HEATER
VB	VALVE BOX
VRP	VACUUM RETURN PUMP UNIT
WH	WALL HYDRANT
SH	SHOWER
SK	SINK
U	URINAL
WC	WATER CLOSET

ABBREVIATION DESCRIPTION

A	AMPERES
AC	ABOVE CEILING
A/C	AIR CONDITIONING
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
AP	ACCESS PANEL
APPROX	APPROXIMATE
AUTO	AUTOMATIC
ARCH	ARCHITECTURAL
AUX	AUXILIARY
BFP	BACKFLOW PREVENTER
BG	BELOW GRADE
BLDG	BUILDING
BOS	BOTTOM STRUCTURE
BOP	BOTTOM OF PIPE
BTU	BRITISH THERMAL UNIT
C	CONDENSATE
CAP	CAPACITY
CAT	CATEGORY
CF	CUBIC FEET
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CLG	CEILING
CO	CLEAN OUT
CONN	CONNECTION
CONT	CONTINUE OR CONTINUATION
CONTR	CONTRACTOR
COL	COLUMN
CU	COPPER
CV	CONTROL VALVE
CW	COLD WATER
DEG	DEGREES (°)
DIW	DEIONIZED WATER
DIWR	DEIONIZED WATER RETURN
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DFU	DRAINAGE FIXTURE UNIT
DIA	DIAMETER (Ø)
DIR	DIRECTION
DISC	DISCONNECT
DIV	DIVISION
DN	DOWN
DWG	DRAWING
DSN	DOWNSPOUT NOZZLE
DYCO	DOUBLE YARD CLEANOUT
ELEC	ELECTRIC OR ELECTRICAL
ELEV	ELEVATION
EMCS	ENERGY MANAGE. CONTROL SYS.
EMER	EMERGENCY
EOD	EMERGENCY OVERFLOW DRAIN
EP	EXPLOSION PROOF
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
(E)	EXISTING
FC	FLEXIBLE CONNECTION
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FDC	FIRE DEPT CONNECTION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHR	FIRE HOSE RACK
FHS	FIRE HOSE STATION
FHV	FIRE HOSE VALVE
FL	FLOOR
FLE	FLOW LINE ELEVATION
FLEX	FLEXIBLE
FP	FIRE PROTECTION
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FT	FEET (')
FVC	FIRE VALVE CABINET
GA	GAUGE
GAL	GALLON(S)
GALV	GALVANIZED
GCO	GRADE CLEAN OUT
GEN	GENERATOR
GW	GREASE WASTE
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GR	GRADE
GRD	GROUND
HB	HOSE BIBB
HD	HUB DRAIN
HOR	HORIZONTAL
HP	HORSEPOWER
HR	HOUR
HT	HEIGHT
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HZ	HERTZ - FREQUENCY IN CYCLES PER SECOND
HW	HOT WATER
IE	INVERT ELEVATION
INC	INCLUDE OR INCLUDED
IN	INCHES (")
IW	INDIRECT WASTE
KW	KILOWATTS
LAV	LAVATORY
LB	POUNDS
LTG	LIGHTING
LWT	LEAVING WATER TEMPERATURE
MA	MEDICAL AIR
MAX	MAXIMUM
MB	MOP BASIN
MBH	THOUSAND BTU PER HOUR
MCC	MOTOR CONTROL CENTER
MECH.	MECHANICAL
MIN	MINIMUM
MFR.	MANUFACTURER
MH	MANHOLE
MIN.	MINUTES
MTD	MOUNTED
MTR	MOTOR
N_2	NITROGEN
N_2O	NITROUS OXIDE
NC	NORMALLY CLOSED
(N)	NEW
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OD	OVERFLOW DRAIN
OPD	OIL PUMP DISCHARGE
OS&Y	OUTSIDE SCREW AND YOKE
PRESS	PRESSURE
PRD	PRIMARY ROOF DRAIN
PH	PHASE
PIV	POST INDICATOR VALVE
PLBG	PLUMBING
PNL	PANEL
PPH	POUNDS PER HOUR
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REGULATING VALVE
PSI	POUNDS PER SQUARE INCH
PSIG	PRESSURE IN PSI GAUGE
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RE:	REFER TO
REC	REFERENCE, CALLED OUT ELSEWHERE
REF	
REQD	REQUIRED
RL	ROOF DRAIN LEADER
RM	ROOM
RO	REVERSE OSMOSIS
RPM	REVOLUTIONS PER MINUTE
RT	RAIN TIGHT
SD	STORM DRAIN
SEC	SECONDS
SF	SQUARE FEET
SHT	SHEET
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SQ	SQUARE
SRD	SECONDARY ROOF DRAIN
SSD	SECONDARY STORM DRAIN
STL	STEEL
SSTL	STAINLESS STEEL
STL	STEEL
SW	SOFT WATER
TD	TRENCH DRAIN
TEMP	TEMPORARY
TP	TRAP PRIMER
T&PRV	TEMPERATURE & PRESSURE RELIEF VALVE
TYP	TYPICAL
UF	UNDERFLOOR
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UTIL	UTILITY
VB	VACUUM BREAKER
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VP	VELOCITY PRESSURE
VTR	VENT THROUGH ROOF
W/	WITH
W/O	WITHOUT
WCO	WALL CLEAN OUT
WF	WASH FOUNTAIN
WG	INCH OF WATER PRESSURE,GAUGE
WH	WALL HYDRANT
WM	WATER METER
WMA	WATER METER ALARM
WP	WEATHERPROOF
WPD	WATER PRESSURE DROP
WS	WET STACK
WSFU	WATER SUPPLY FIXTURE UNIT
WTR	WATER
YD	YARD DRAIN
YCO	YARD CLEANOUT

GENERAL NOTES:

1. SCOPE OF PLUMBING WORK IS TO FURNISH AND INSTALL ALL FIXTURES, EQUIPMENT, PLUMBING AND PIPING. ALSO IN THE SCOPE ARE MISCELLANEOUS FIXTURES, EQUIPMENT, PLUMBING AND PIPING ON THE SITE.
2. THESE DRAWINGS INDICATE THE GENERAL EXTENT OF WORK AND ARE NOT INTENDED TO INDICATE OR DESCRIBE ALL WORK REQUIRED FOR THE FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
3. ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE.
4. ALL TEMPERATURES ARE IN DEGREES F° UNLESS NOTED OTHERWISE.
5. WHEREVER HOT AND COLD WATER CONTROLS, FAUCETS, VALVES OR STOP VALVES ARE INSTALLED TOGETHER, HOT SHALL BE ON LEFT AND COLD SHALL BE ON RIGHT AS SEEN BY THE USER.
6. SOME SYMBOLS SHOWN MAY NOT BE USED.
7. REFER TO ARCHITECTURAL DRAWINGS FOR MOST ACCURATE WALLS, CEILING ELEMENTS AND PLUMBING FIXTURE LOCATIONS.
8. UTILITY LOCATIONS ARE APPROXIMATE AND ARE BASED ON INFORMATION SUPPLIED BY OTHERS. PHYSICALLY VERIFY LOCATIONS AND ELEVATIONS BEFORE BEGINNING INSTALLATIONS.
9. WASTE PIPING IS GENERALLY UNDER THE FLOOR. ALL OTHER PIPING IS GENERALLY ABOVE THE FLOOR OR CEILING EXCEPT AS INDICATED, OR AS NECESSARY.
10. PIPING SHALL BE ROUTED HIDDEN FROM VIEW. WHERE PIPING CANNOT BE HIDDEN FROM VIEW, OBTAIN ARCHITECT APPROVAL OF ROUTING AND FINISHED APPEARANCE OF PIPING. FACTORY FINISH OF PIPING IS ACCEPTABLE. FACTORY FINISH OF INSULATION JACKET IS ACCEPTABLE. REMOVE NON-FACTORY AND VISABLY OBJECTIONAL MARKS ON FINISHED PIPING AND INSULATION.
11. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND SUBMITTING BID.
12. REFER TO ARCHITECTURAL DRAWING FOR MOUNTING HEIGHT OF PLUMBING FIXTURES.
13. CONTRACTOR SHALL COORDINATE WITH ALL TRADES DURING CONSTRUCTION.
14. SLOPE ALL WASTE PIPING AT 1/4" PER FOOT UNLESS OTHERWISE NOTED.
15. REFER TO ARCHITECTURAL ELEVATION AND SECTIONS PRIOR TO ROUTING OF PIPING.
16. INSTALL FLUSH VALVE HANDLE FOR WATERCLOSET ON OPENSIDE OF ADA STALL.
17. NO PLUMBING PIPING IS ALLOWED TO BE ROUTED IN ANY ELECTRICAL OR IDF ROOMS.

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Company Name: CNG ENGINEERING, PLLC.
TBPELS Firm. No.: F-7964
Date: 05/30/2025

Revisions

Dat
30 May 2025

Phase
95% CONSTRUCTION DOCUMENTS

Job Number
CNOS701

Scale **North**

Drawing Title

PLUMBING GENERAL NOTES, SYMBOLS & ABBREVIATIONS

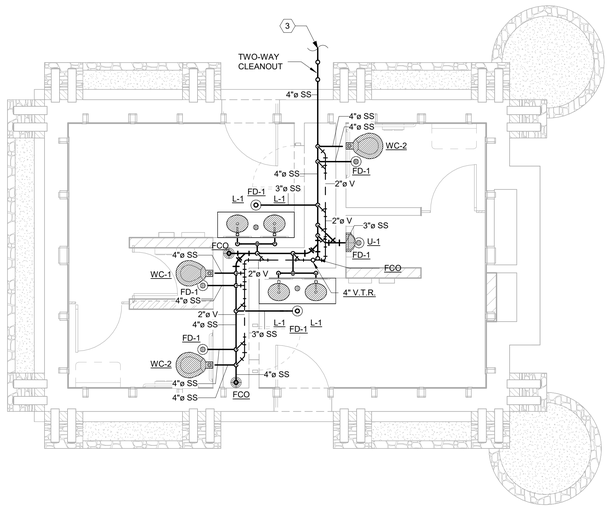
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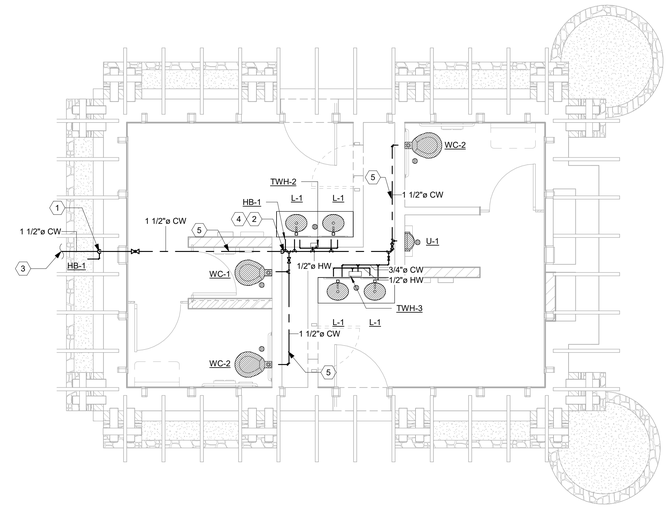
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PLUMBING KEYED NOTES P1.01

1. ROUTE 1-1/2" CW LINE UP TO ABOVE CEILING.
2. ROUTE 1-1/2" CW LINE DOWN IN CHASE.
3. FOR CONTINUATION REFER TO CIVIL DRAWINGS.
4. PROVIDE HOSE BIBB AT BOTTOM OF VERTICAL COLD WATER LINE.
5. PROVIDE HEAT TRACE ON ALL DOMESTIC HOT AND COLD WATER PIPING ABOVE FLOOR. INSTALL PER MANUFACUTRES LATEST WRITTEN REQUIREMENTS. REFER TO ELECTRICAL DRAWINGS.



1 PAVILION A - PLUMBING OVERALL PLAN - SANITARY
SCALE: 1/4" = 1'-0"



2 PAVILION A -PLUMBING OVERALL PLAN - DOMESTIC WATER
SCALE: 1/4" = 1'-0"

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PLUMBING ENLARGED PLAN - REST. PAVILION A

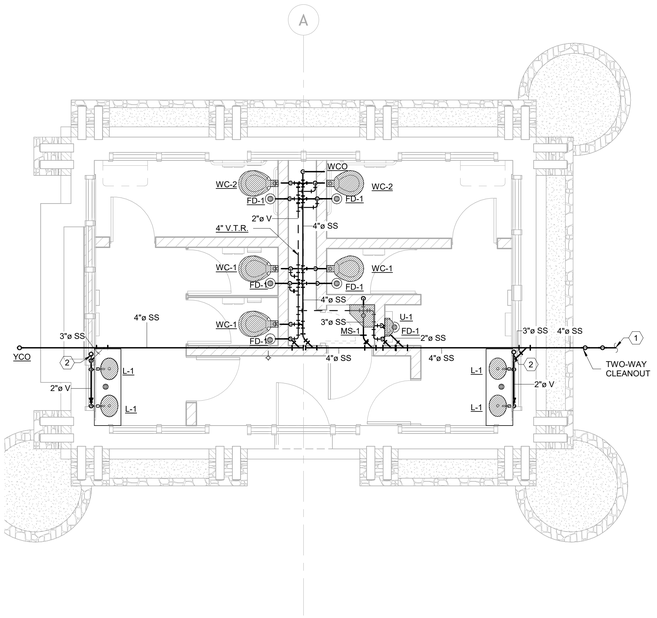
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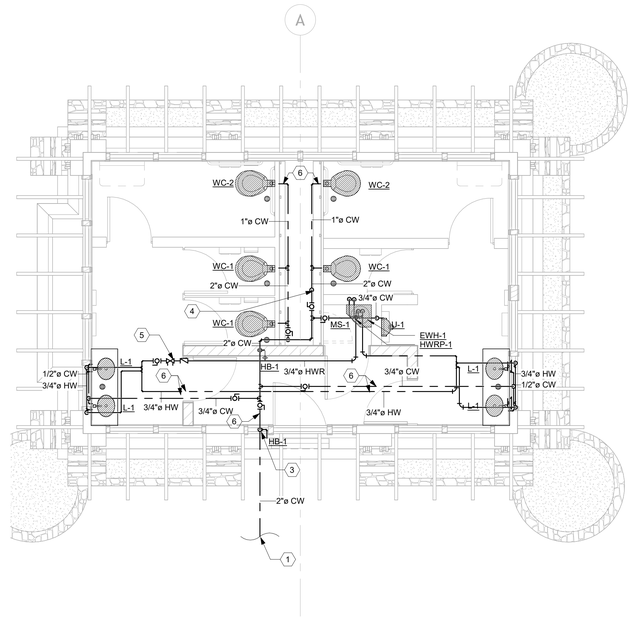
PLUMBING KEYED NOTES P1.02

1. FOR CONTINUATION REFER TO CIVIL DRAWINGS
2. PROVIDE AIR ADMITTANCE VALVE TO TOP OF VENT OUTLET. INSTALL PER MANUFACTURES LATEST WRITTEN RECOMMENDATIONS.
3. ROUTE 2" CW LINE UP TO ABOVE CEIILING.
4. ROUTE 2" CW LINE DOWN IN CHASE.
5. PROVIDE AUTO BALANCING VALVE ASSEMBLY. REFER TO DETAIL.
6. PROVIDE HEAT TRACE ON ALL DOMESTIC HOT AND COLD WATER PIPING ABOVE FLOOR. INSTALL PER MANUFACUTRES LATEST WRITTEN REQUIREMENTS. REFER TO ELECTRICAL DRAWINGS.



1 PAVILION B - PLUMBING OVERALL PLAN - SANITARY

SCALE: 1/4" = 1'-0"



2 PAVILION B - PLUMBING OVERALL PLAN - DOMESTIC WATER

SCALE: 1/4" = 1'-0"

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PLUMBING ENLARGED PLAN - REST. PAVILION B

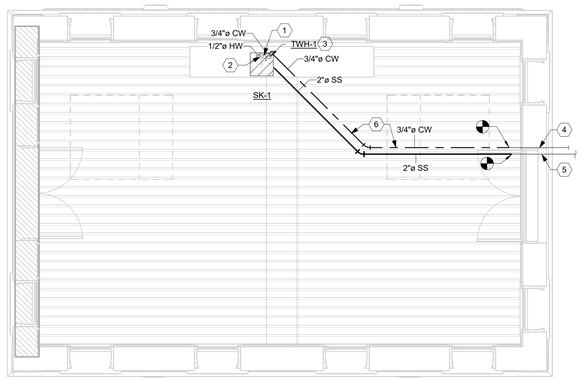
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P1.02

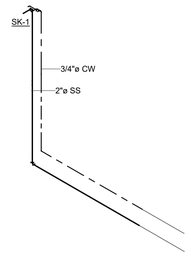
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PLUMBING KEYED NOTES P1.03

1. RISE 2" SS, 3/4" CW FROM BELOW FLOOR.
2. PROVIDE AIR ADMITTANCE VALVE TO TOP OF VENT OUTLET. INSTALL PER MANUFACUTRERS LATEST WRITTEN RECOMMENDATIONS.
3. INSTALL TANKLESS WATER HEATER BELOW COUNTER.
4. EXISTING COLD WATER LINE TO REMAIN. VERIFY EXACT LOCATION PRIOR TO CONNECTION.
5. EXISTING SANITARY SEWER LINE TO REMAIN. VERIFY EXACT LOCATION PRIOR TO CONNECTION.
6. PROVIDE HEAT TRACE ON ALL DOMESTIC HOT AND COLD WATER PIPING ABOVE FLOOR. INSTALL PER MANUFACUTRES LATEST WRITTEN REQUIREMENTS. REFER TO ELECTRICAL DRAWINGS.



1 PUMP HOUSE - PLUMBING OVERALL PLAN - COMBINED
SCALE: 1/4" = 1'-0"



2 PLUMBING - RISER
SCALE:

BRACKENRIDGE PARK

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TBPELS Firm. No.: F-7964
Date: 05/30/2025

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Dat
30 May 2025

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Drawing Title

PLUMBING ENLARGED PLAN - PUMP HOUSE

Drawing Number

P1.03

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PLUMBING FIXTURE SCHEDULE

WC-1 WATER CLOSET	WALL HUNG, VITREOUS CHINA, REAR OUTLET, REAR INLET, 1.28 GPF, SLOAN 1.28 GPF ADA COMPLIANT, FRONT ACCESSIBLE CONCEALED MANUAL FLUSH VALVE. PROVIDE CHAIR CARRIER AS REQUIRED. MOUNT HEIGHT AS INDICATED ON LANDSCAPE PLANS.	AMERICAN STANDARD 3353101.020 SLOAN CX 158-1.28-SF-SWB
WC-2 WATER CLOSET A.D.A. COMPLIANT	WALL HUNG, VITREOUS CHINA, REAR OUTLET, REAR INLET, 1.28 GPF, SLOAN 1.28 GPF ADA COMPLIANT, FRONT ACCESSIBLE CONCEALED MANUAL FLUSH VALVE. PROVIDE CHAIR CARRIER AS REQUIRED. MOUNT ADA HEIGHT AS INDICATED ON LANDSCAPE PLANS.	AMERICAN STANDARD 3353101.020 SLOAN CX 158-1.28-SF-SWB
U-1 URINAL ADA COMPLIANT	FRONT MOUNTED, WALL MOUNTED, VITREOUS CHINA, TOP SPUD, .5 GPF, HARD WIRED SENSOR OPERATED CONCEALED FLUSHOMETER. PROVIDE CARRIER AS REQUIRED. MOUNT ADA OR TAS HEIGHT, WHERE INDICATED ON ARCHITECTURAL PLANS.	AMERICAN STANDARD 6590.001 SLOAN ROYAL 197ES-S FLUSHOMETER
L-1 LAVATORY A.D.A. COMPLIANT	WALL MOUNTED STAINLESS STEEL NOMINAL 18" X 18" REAR OVERFLOW, CONCEALED ARM CARRIER, SENSOR OPERATED FAUCET, HARD WIRED, 0.5 GPM VANDAL RESISTANT AERATOR, 17 GA. CHROME PLATED P-TRAP, ESCUTCHEON. REFER TO DETAIL FOR CONCEALED STOP LOCATION. INSULATE DRAIN TAILPIECE, P-TRAP AND SUPPLIES WITH TRUEBRO "HANDI-LAV-GUARD", McGUIRE "PROWRAP" OR BROCAR "TRAP WRAP". PROVIDE CARRIER. ADA COMPLIANT. MOUNT HEIGHT AS INDICATED ON LANDSCAPE PLANS.	AMERICAN STANDARD 4869004.020 AMERICAN STANDARD SELECTRONIC 6056.204
HB-1 HOSE BIBB	BACKFLOW PROTECTED WALL FAUCETS. FURNISHED WITH POLYCARBONATE WHEEL HANDLE AND LOOSE TEE KEY. ADJUSTABLE BRASS NUT WITH DEEP STEMGUARD.1/2" INLET WITH A 3/4" MALE HOSE CONNECTION.	WOODFORD FROST WALL FAUCET - MODEL 26
WCO WALL CLEANOUT	EXPANDABLE WALL ACCESS CLEANOUT PLUG WITH STAINLESS STEEL ACCESS COVER.	MIFAB # C1440 SERIES
FD-1 FLOOR DRAIN	BOTTOM OUTLET CAST IRON BODY, ADJUSTABLE 6" DIAMETER NICKEL BRONZE STRAINER WITH VANDAL PROOF SCREWS. PROVIDE CLAMPING DEVICE FOR DRAINS IN MEMBRANE FLOOR AREAS.	MIFAB F1100-C
MS-1 MOP SINK	FIAT FLOOR MOUNTED 24" X 24" X 12" HIGH RECEPTOR COMPOSED OF PRECAST TERRAZZO. 6" DROP FRONT WITH STAINLESS STEEL THRESHOLD CAP. 8" WALL MOUNT MIXING FAUCET, POLISHED CHROME PLATED BRASS, VACUUM BREAKER, PAIL HOOK, MALE HOSE OUTLET, 6" WRIST ACTION HANDLES, LOOSE KEY STOPS, UPPER SUPPORT ROD, ASME A112.18.1/CSA B125.1, NSF 61 SECTION 9, NSF 372, AND ASSE 1001. PROVIDE HOSE.	FIAT SB2424 FIAT 830AA

TANKLESS WATER HEATER SCHEDULE

ITEM NO.	LOCATION	TOTAL KW INPUT	TEMP RISE AT .5 GPM	ELECTRICAL REQUIRED	SET WATER TEMP	MANUFACTURERS COMMENTS
TWH-1	PUMP HOUSE	2.5	33	120/1	90°	STEIBEL ELTRON MINI-E 2.5-1
TWH-2	PAVILLION A	3.5	33	120/1	90°	STEIBEL ELTRON MINI-E 3.5-1
TWH-3	PAVILLION A	3.5	33	120/1	90°	STEIBEL ELTRON MINI-E 3.5-1

ELECTRIC WATER HEATER SCHEDULE

MARK	LOCATION	GALS. PER HR. RECOVERY RATE 80° F RISE	STORAGE CAPACITY GALLONS	ELECTRICAL				STORED WATER TEMP.	BASIS OF DESIGN, MANUFACTURER, & MODEL	NOTES
				VOLTS/PH/HZ	TOTAL KW INPUT	AMP	MOCP			
EWH-1	PAVILLION B	8	6	120/1/60	1.5	12.50	50	140°F	SINGLE 1500 WATT ELEMENT AO SMITH, DEL-6	1, 2, 3, 4

1. ALL WATER HEATERS INSTALLED ON EQUIPMENT PADS IN SPECIFIED ROOMS, REFER TO PLANS FOR WATER HEATER TAGS.
2. ALL WATER HEATERS SHALL BE UL RATED, TANKS SHALL BE ASME APPROVED AND STAMPED.
3. INSTALL VACUUM RELIEF VALVES ON ALL WATER HEATERS.
4. ROUTE T&P DRAIN LINES TO ADJACENT FLOOR DRAIN.

HOT WATER RECIRCULATING PUMP

MARK	DESCRIPTION	SERVICE TO	TYPE	GPM	HEAD FEET	H.P. MIN	VOLT/ PHASE	MAX. RPM	MANUFACTUER AND MODEL	NOTES
HWRP-1	PAVILLION B	EWH-1	IN-LINE BRONZE	.5	17	1/6	115/1	3150	GRUNDFOS UP43-75-BF	1

1. THE CONTROLLS FOR PUMP SHALL AUTOMATICALLY TURN OFF PUMP WHEN WATER IN CIRCULATION LOOP IS AT DESIRED TEMPERAUTRE AND THERE IS NO DEMAND FOR HOT WATER. PER IECC SEC. C404.6.1.

PIPE MATERIAL LIST

DOMESTIC WATER PIPING

ABOVE SLAB INSIDE THE BUILDING SHALL BE SEAMLESS ASTM B 88 TYPE L COPPER WATER TUBE. FITTINGS SHALL BE WROUGHT COPPER, ANSI B16.22.SOLDER MATERIAL SHALL BE LEAD FREE, ASTM B 32.
THE USE OF DRILLED-T CONNECTIONS IS NOT PERMITTED.

BELOW SLAB WITHIN 5'-0" OF THE BUILDING SHALL BE ASTM B 88 TYPE K SOFT DRAWN COPPER WATER TUBE. FITTINGS SHALL NOT BE USED BELOW SLAB.

ALL DOMESTIC WATER PIPING SHALL BE INSULATED. REFER TO SPECIFICATIONS AND PIPE INSULATION SCHEDULE. PIPING INSULATION SHALL BE AT MINIMUM IN COMPLIANCE WITH IECC TABLE C403.12.3 FOR INSULATION THICKNESS.

SANITARY SOIL WASTE AND VENT PIPING

ABOVE FLOOR WITHIN RETURN AIR PLENUMS SHALL BE NO-HUB CAST IRON SYSTEM CONFORMING TO CISPI STANDARD NO. 301-75. NEOPRENE GASKETS SHALL CONFORM TO ASTM STANDARD C564-75 WITH STAINLESS STEEL HEAVY DUTY COUPLINGS.
ALTERNATELY, PVC AS DESCRIBED ABOVE WITH FIREWRAP CONFORMING TO ASTM E84 OR UL 723, NO MORE THAN 25/50 FLAME SPREAD / SMOKE-DEVELOPED.

BELOW GRADE SHALL BE SCHEDULE 40 DWV POLYVINYL CHLORIDE PIPE AND FITTINGS CONFORMING TO ASTM D-1784-82 WITH SOLVENT WELDED JOINTS.

HYDRAULIC SHOCK ARRESTER SCHEDULE

P.D.I UNITS	A	B	C	D	E	F
FIXTURE UNITS	1-11	12-32	33-60	61-113	114-154	155-330

P.D.I = PLUMBING & DRAINAGE INSTITUTE
SIZE HSA WHERE SHOWN ON DWGS PER WATER SUPPLY FIXTURE UNITS
HSA = HYDRAULIC SHOCK ARRESTER

PLUMBING FIXTURE CONNECTION SCHEDULE

MARK	FIXTURE	CW	HW	SS	V	DESCRIPTION
WC-1, 2	WATERCLOSET	1"	-	4"	2"	WALL HUNG,
LAV-1	WALL LAVATORY	1/2"	1/2"	2"	2"	WALL HUNG, ADA
U-1	URINAL	3/4"	-	2"	2"	WALL HUNG, ADA
FD-1	FLOOR DRAIN	-	-	3"	2"	FINISH AREA - RESTROOM
WH-1	WALL HYDRANT	3/4"	-	-	-	NON-FREEZE
MS-1	MOP SINK	3/4"	3/4"	3"	2"	FLOOR MOUNTED

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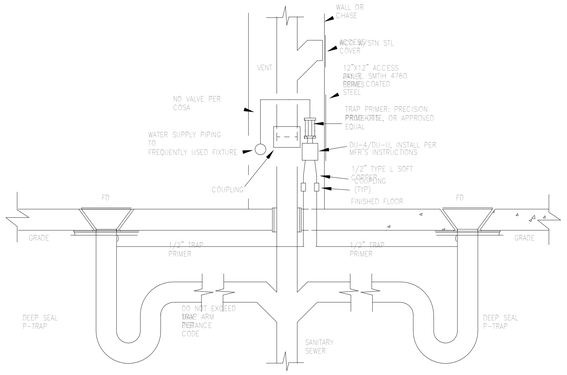
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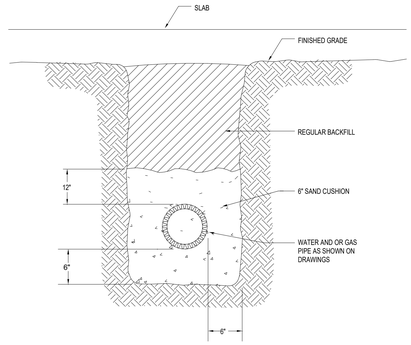
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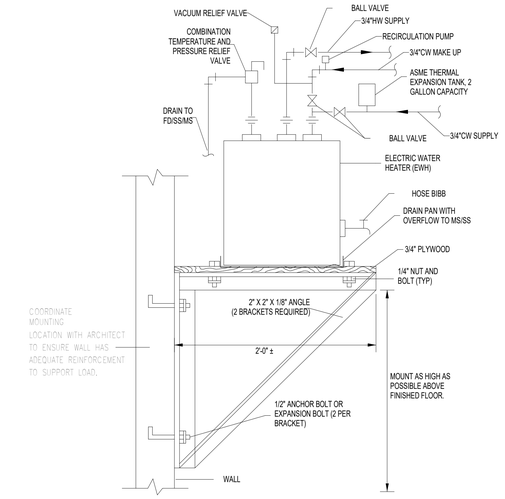
1 FD/TRAP PRIMER PIPING DETAIL
SCALE



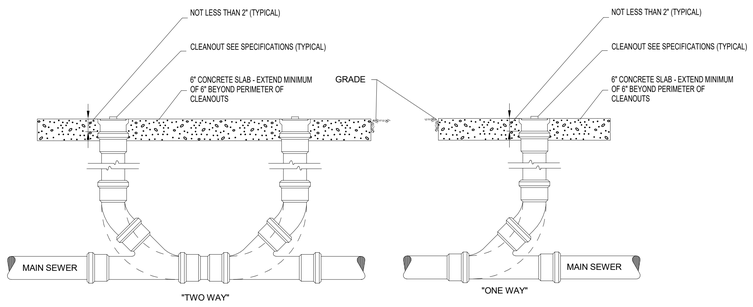
2 TYPICAL PIPE TRENCHING DETAIL
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NOTE:
REFER TO SCHEDULE AND SPECIFICATIONS FOR WATER HEATER AND RECIRCULATION PUMP SIZES.

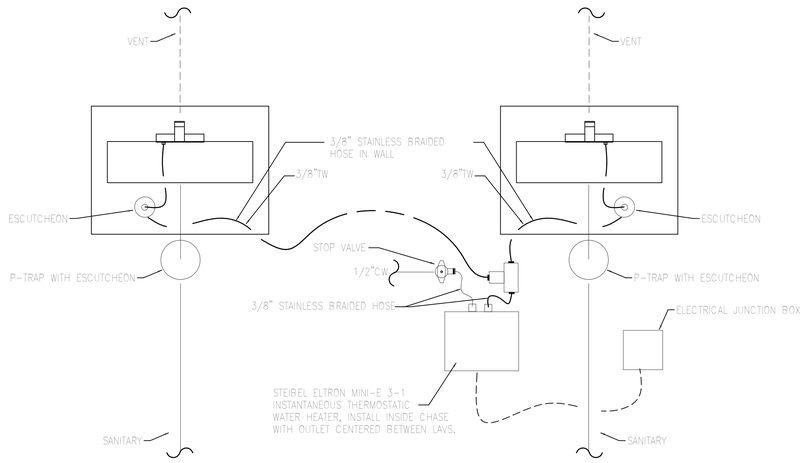
REFER TO ARCHITECTURAL PLANS FOR CEILING AND STRUCTURAL HEIGHT. MOUNT AS HIGH AS POSSIBLE.



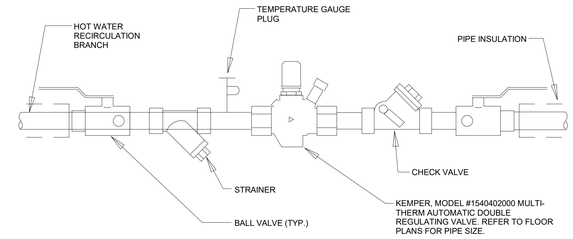
3 WALL MOUNTED ELECTRIC WATER HEATER DETAIL
NOT TO SCALE



4 ONE WAY AND TWO WAY CLEANOUT DETAIL
SCALE



5 ELECTRIC WATER HEATER DETAIL
SCALE



REFER TO SPECIFICATIONS, SCHEDULES, AND NOTES FOR MORE INFORMATION. MAKE CONNECTIONS AND PROVIDE INSTALLATION PER MANUFACTURE'S RECOMMENDATIONS. ARRAGEMENT SHOWN IS SCHEMATIC. PROVIDE REDUCERS AND ADAPTERS AS REQUIRED.

6 AUTO BALANCING VALVE ASSEMBLY DETAIL
N.T.S.

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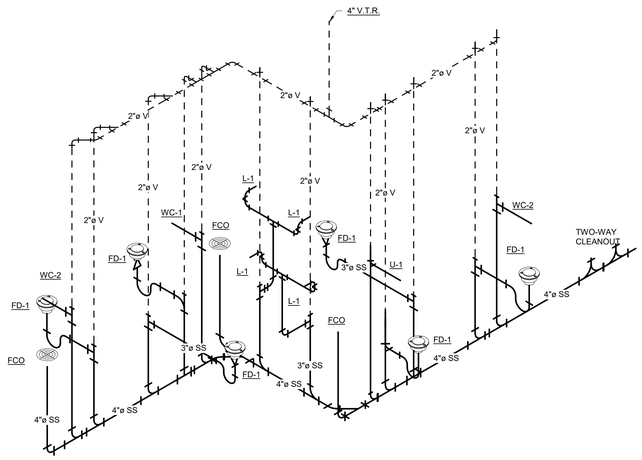
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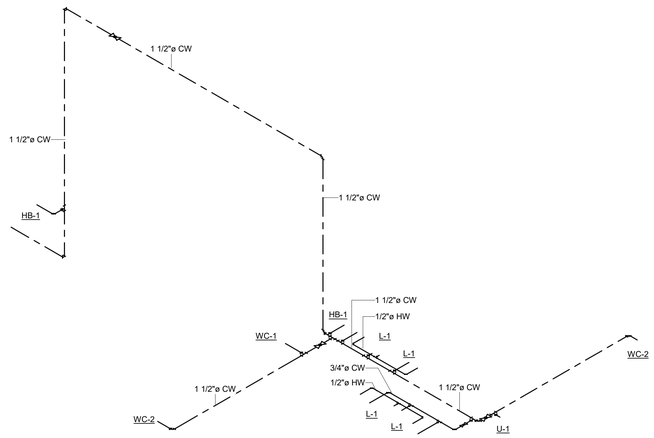
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2 SANITARY WASTE AND VENT - RISER



1 DOMESTIC WATER - RISER

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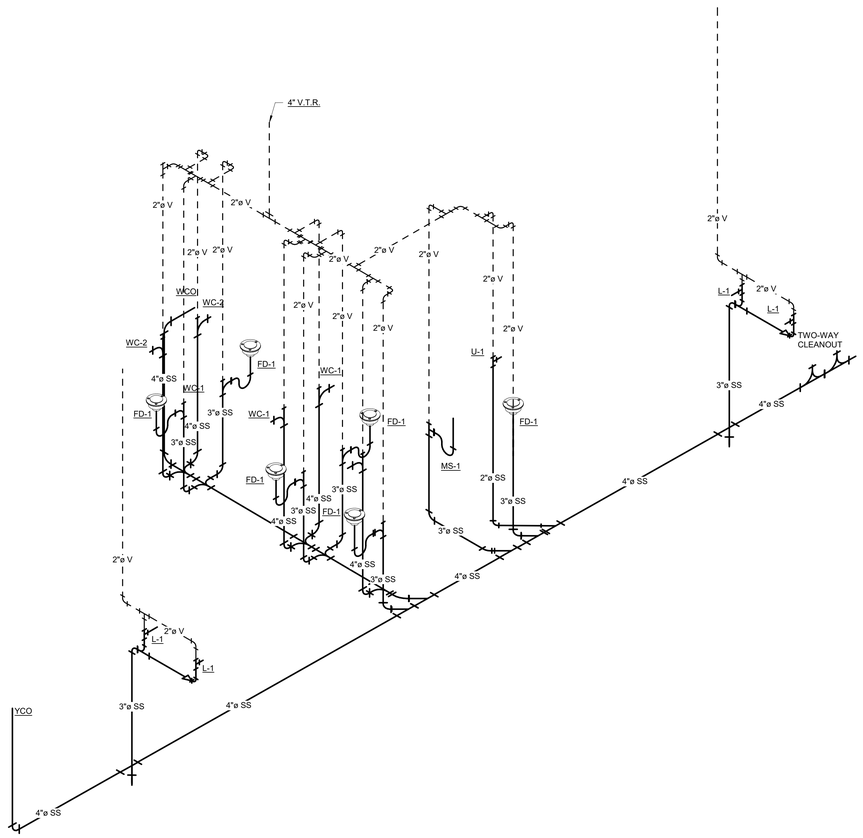
PLUMBING - RISERS - REST. PAVILION A

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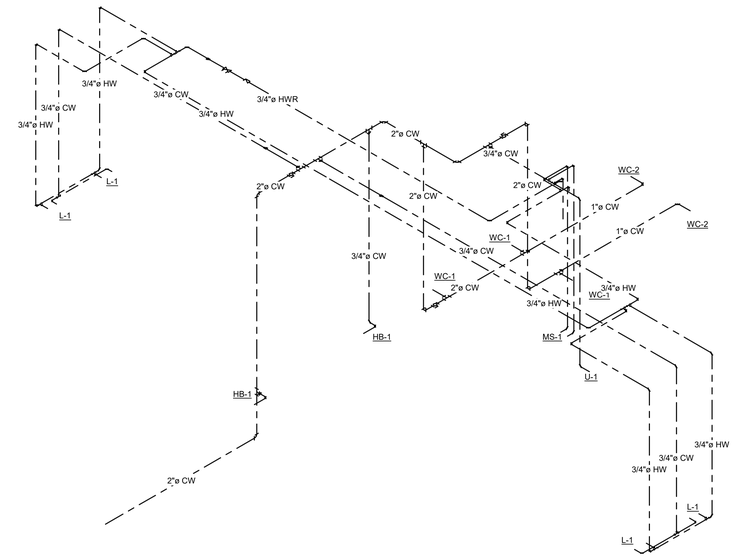
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2 SANITARY WASTE AND VENT - RISER



1 DOMESTIC WATER - RISER

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PLUMBING - RISERS - REST. PAVILION B

Drawing Number

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AUDIO/VISUAL MULTIMEDIA LEGEND

SYMBOL	DESCRIPTION
A## V##	WALL AV ROUGH-IN DETAIL
A## V##	CEILING AV ROUGH-IN DETAIL
A## V##	FLOOR AV ROUGH-IN DETAIL
IWB IWB	INTERACTIVE WHITE BOARD - WALL - CEILING
PJ PJ	MULTIMEDIA PROJECTOR
FP# FP#	MULTIMEDIA FLAT PANEL DISPLAY
S # S #	LOUD SPEAKER, CEILING MOUNTED - # INDICATES TYPE
CP#	CONTROL PANEL
TP#	TOUCH PANEL
M #	MICROPHONE, CEILING MOUNTED - # INDICATES TYPE
VC ▷	VOLUME CONTROL
WB	WALL BOX ENCLOSURE
D1 A1	D1 = DIGITAL SINGLE SIDED CLOCK / A1 = ANALOG SINGLE SIDED CLOCK
D2 A2	D2 = DIGITAL DOUBLE SIDED CLOCK / A2 = ANALOG DOUBLE SIDED CLOCK
ENC	CEILING ENCLOSURE
C C	PRESENTATION CAMERA - CEILING - WALL MOUNTED
TWS	TEACHERS WORK STATION

PREMISE SECURITY LEGEND

SYMBOL	DESCRIPTION
CR	CARD READER
CR M	CARD READER MULLION
KP	INTRUSION DETECTION KEYPAD (REFERENCE SYMBOL LEGEND FOR DIFFERENT TYPES)
IC	INTERCOM (1 DATA CABLE, PLUS TRIGGER CABLE TO ACS PANEL)
IC MS	INTERCOM MASTER STATION (1 DATA CABLE)
PB	PANIC / DURESS BUTTON
LD	LOCK DOWN BUTTON
MD	MOTION DETECTOR (REFERENCE SYMBOL LEGEND FOR DIFFERENT TYPES)
GB	ACCOUSTICAL GLASS BREAK SENSOR
BM	BIOMETRIC READER
RX	REQUEST TO EXIT - SURFACE PIR
KS	KEY SWITCH
LA	LOCAL ALARM SOUNDER
RG	RED/GREEN INDICATOR LIGHT
DB	DOORBELL
DH	MAGNETIC DOOR HOLD
VS	VISUAL STROBE
DR DR	DOOR RELEASE BUTTON, CONTROLLED DOOR LEAF
RX RX	REQUEST TO EXIT - INTEGRAL TO DOOR HARDWARE, SURFACE MOUNT MOTION, INTEGRAL TO DOOR HARDWARE
DC	DOOR CONTACT / MONITOR / POSITION SWITCH
ES EL EH	ELECTRIFIED HARDWARE (REFER TO DIV 08 SCHEDULES)
AO	ADA DOOR AUTO OPERATOR BUTTON
WH #	WIRELESS LOCK HUB, # = TYPE
C C	STANDARD IP SURVEILLANCE CAMERA, (1) DATA CABLE
C C C	180° MULTI-PAGER IP SURVEILLANCE CAMERA, (1) DATA CABLE
C	360° MULTI-PAGER IP SURVEILLANCE CAMERA, (1) DATA CABLE
C C	2 - SENSOR IP SURVEILLANCE CAMERA, (1) DATA CABLE
C	360° FISHEYE LENS CAMERA, (1) DATA CABLE
IR	IR ILLUMINATOR, (1) DATA CABLE AND TRIGGER TO CAMERA
ACP	ACCESS CONTROL PANEL LOCATION
IDP	INTRUSION DETECTION PANEL LOCATION

STRUCTURED CABLING LEGEND

SYMBOL	DESCRIPTION
#	TELECOMMUNICATIONS OUTLET, # =NUMBER OF DATA CABLE(S)/JACK(S)
#/#	TELECOMMUNICATIONS OUTLET, #/# = NUMBER OF VOICE CABLE(S)/JACK(S) AND NUMBER OF DATA CABLE(S)/JACK(S)
#	TELECOMMUNICATIONS OUTLET, # =NUMBER OF VOICE/DATA CABLE(S)/JACK(S), SURFACE MOUNT
#/#	TELECOMMUNICATIONS OUTLET, #/# = NUMBER OF VOICE CABLE(S)/JACK(S) AND NUMBER OF DATA CABLE(S)/JACK(S), SURFACE MOUNT
W	WALL MOUNT PHONE (1 CABLE/JACK)
W	WALL MOUNT PHONE, SURFACE MOUNT (1 CABLE/JACK)
#	FLOOR MOUNTED OUTLET, # =NUMBER OF VOICE/DATA CABLE(S)/JACK(S) (FLOOR BOX BY E.C.)
#/#	FLOOR MOUNTED OUTLET, #/# = NUMBER OF VOICE CABLE(S)/JACK(S) AND NUMBER OF DATA CABLE(S)/JACK(S) (FLOOR BOX BY E.C.)
#	CEILING MOUNTED DATA OUTLET, # =NUMBER OF VOICE/DATA CABLE(S)/JACK(S)
AP#	CEILING MOUNTED OUTLET FOR WIRELESS ACCESS POINT #=NUMBER OF CABLE(S)/JACK(S)
APH▷	WALL MOUNTED OUTLET FOR WIRELESS ACCESS POINT #=NUMBER OF CABLE(S)/JACK(S)
	CABLING SLEEVE(S)
	TYPICAL LADDER RACK
	TYPICAL CABLE TRAY, BASKET STYLE

GENERAL ANNOTATION LEGEND

SYMBOL	DESCRIPTION
MER	MAIN TELECOMMUNICATIONS ROOM
TR	TELECOMMUNICATION ROOM
MDF	MAIN DISTRIBUTION FRAME
IDF	INTERMEDIATE DISTRIBUTION FRAME
ETR	EXISTING TO REMAIN
PBO	PROVIDED BY OTHERS
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AC	ABOVE COUNTER
EC	ELECTRICAL CONTRACTOR
PSC	PREMISE SECURITY CONTRACTOR
SCC	STRUCTURAL CABLING CONTRACTOR
AVC	AV/MULTIMEDIA CONTRACTOR
UNO	UNLESS NOTED OTHERWISE
ACS	ACCESS CONTROL SYSTEM
IDS	INTRUSION DETECTION SYSTEM
VSS	VIDEO SURVEILLANCE SYSTEM

TECHNOLOGY SHEET INDEX

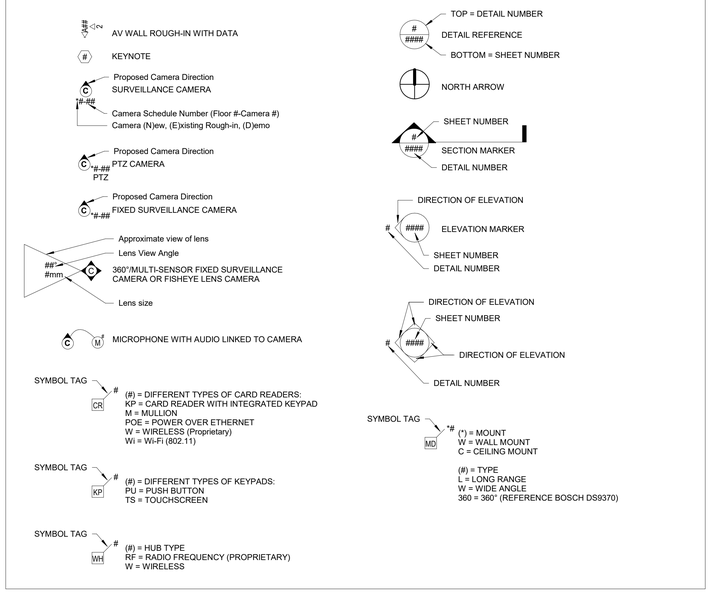
SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE	CURRENT REVISION DATE
T0.00	TECHNOLOGY - INDEX SHEET	05/30/25	
T0.20	TECHNOLOGY - SITE PLAN	05/30/25	
T2.00	TECHNOLOGY - PUMP HOUSE - FLOOR PLAN	05/30/25	
T5.00	TECHNOLOGY - DETAILS	05/30/25	

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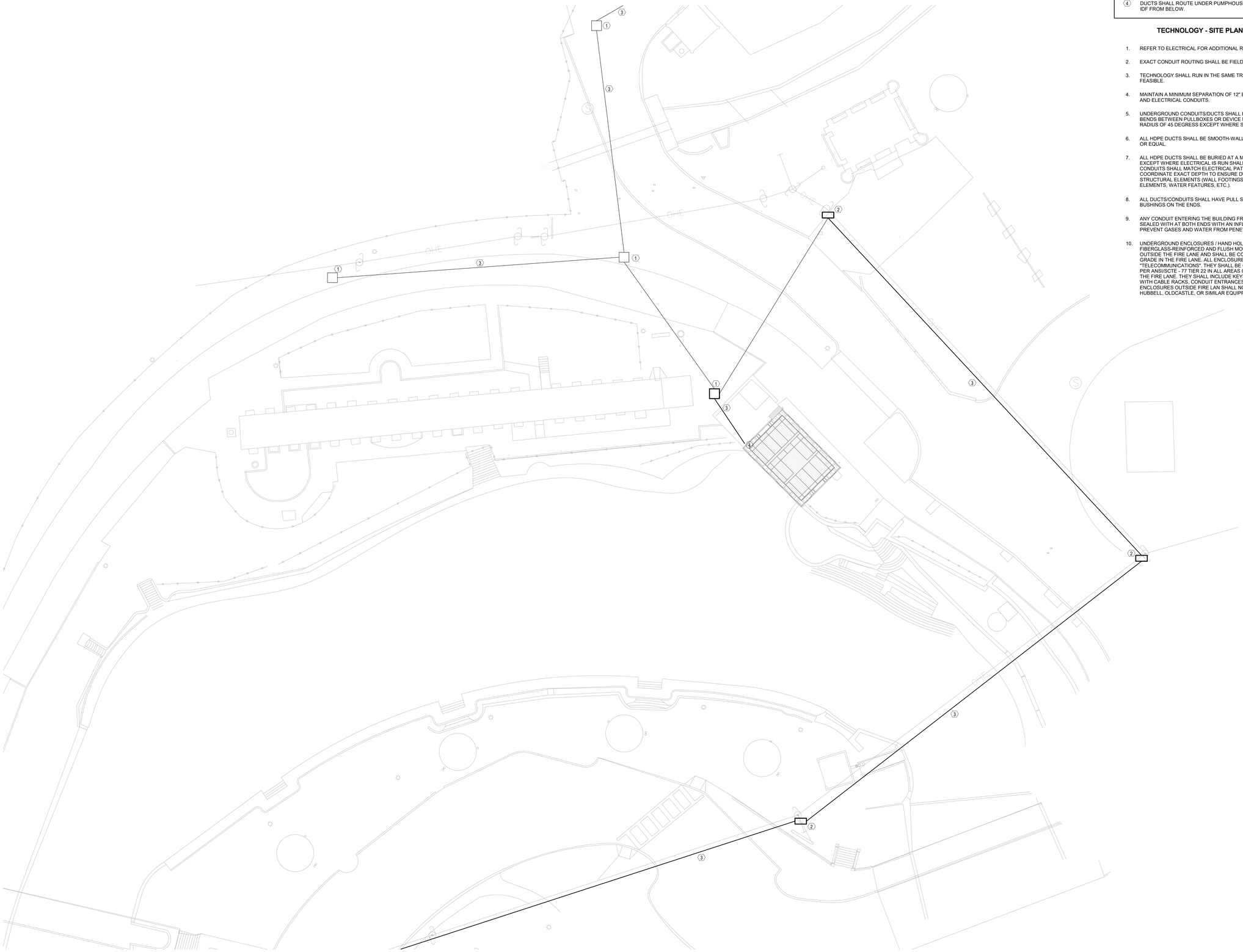
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TECHNOLOGY - INDEX SHEET

Drawing Number

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1 PUMP HOUSE SITE
SCALE: 1/16" = 1'-0"

TECHNOLOGY - SITE PLAN - KEYNOTES

1. UNDERGROUND ENCLOSURE, 48"X48"X48" BY E.C. FIELD COORDINATE EXACT LOCATION WITH OTHER UTILITIES AND ARCHITECT.
2. 18"X24"X18" FIBERGLASS REINFORCED PULL BOX BEY E.C. FIELD COORDINATE EXACT LOCATION WITH OTHER UTILITIES AND ARCHITECT.
3. TWO (2) 4" HDPE DUCTS WITH 4" 3-CELL DETECTABLE MAXCELL INNERDUCT IN EACH BY E.C.
4. DUCTS SHALL ROUTE UNDER PUMPHOUSE AND STUB UP INTO WALL MOUNT IDF FROM BELOW.

TECHNOLOGY - SITE PLAN - GENERAL NOTES

1. REFER TO ELECTRICAL FOR ADDITIONAL REQUIREMENTS.
2. EXACT CONDUIT ROUTING SHALL BE FIELD COORDINATED.
3. TECHNOLOGY SHALL RUN IN THE SAME TRENCH AS ELECTRICAL WHERE FEASIBLE.
4. MAINTAIN A MINIMUM SEPARATION OF 12" BETWEEN TECHNOLOGY CONDUITS AND ELECTRICAL CONDUITS.
5. UNDERGROUND CONDUITS/DUCTS SHALL HAVE NO MORE THAN 90 DEGREES OF BENDS BETWEEN PULLBOXES OR DEVICE LOCATIONS WITH A MAXIMUM BEND RADIUS OF 45 DEGRESS EXCEPT WHERE STUBBING UP AT DEVICE LOCATION.
6. ALL HDPE DUCTS SHALL BE SMOOTH-WALLED SDR-11 OR SDR-13.5, DURA-LINE OR EQUAL.
7. ALL HDPE DUCTS SHALL BE BURIED AT A MINIMUM OF 24" BELOW GRADE EXCEPT WHERE ELECTRICAL IS RUN SHALLOWER. AT THESE LOCATIONS CONDUITS SHALL MATCH ELECTRICAL PATHWAYS' DEPTH. CONTRACTOR SHALL COORDINATE EXACT DEPTH TO ENSURE DUCTS DO NOT CONFLICT WITH STRUCTURAL ELEMENTS (WALL FOOTINGS, BUILDINGS, STRUCTURAL ELEMENTS, WATER FEATURES, ETC.).
8. ALL DUCTS/CONDUITS SHALL HAVE PULL STRINGS AND SHALL HAVE NYLON BUSHINGS ON THE ENDS.
9. ANY CONDUIT ENTERING THE BUILDING FROM UNDERGROUND SHALL BE SEALED WITH AT BOTH ENDS WITH AN INFLATABLE DUCT PLUG SYSTEM TO PREVENT GASES AND WATER FROM PENETRATING INTO THE BUILDING.
10. UNDERGROUND ENCLOSURES / HAND HOLES SHALL BE FIBERGLASS-REINFORCED AND FLUSH MOUNTED TO GRADE IN ALL AREAS OUTSIDE THE FIRE LANE AND SHALL BE CONCRETE AND FLUSH MOUNTED TO GRADE IN THE FIRE LANE. ALL ENCLOSURE LIDS SHALL BE MARKED "TELECOMMUNICATIONS". THEY SHALL BE CONSTRUCTED WITH A LOAD RATING PER ANSI/SCTE - 77 TIER 22 IN ALL AREAS OUTSIDE THE FIRE LANE AND H-20 IN THE FIRE LANE. THEY SHALL INCLUDE KEYED LOCKING SYSTEM, BE EQUIPED WITH CABLE RACKS, CONDUIT ENTRANCES, AND STRUT INSERTS. BOTTOM OF ENCLOSURES OUTSIDE FIRE LAN SHALL NOT BE SOLID. ENCLOSURES SHALL BE HUBBELL, OLDCASTLE, OR SIMILAR EQUIPPED SYSTEM.

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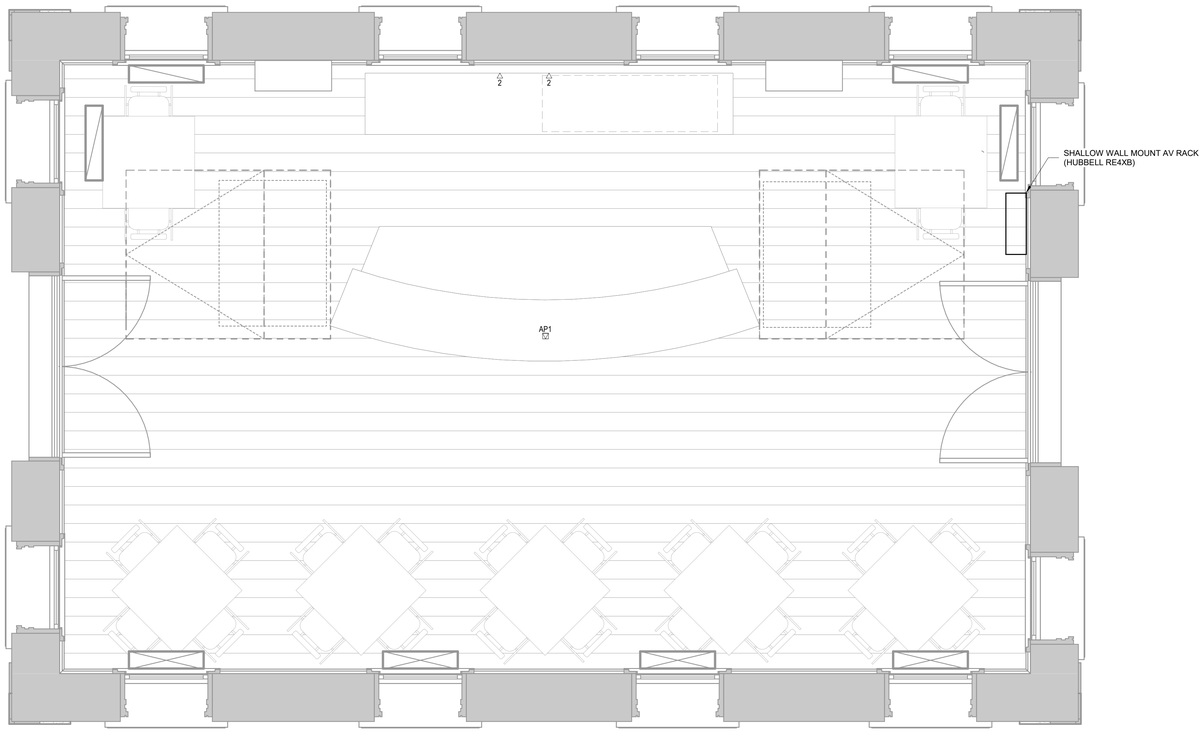
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TECHNOLOGY - SITE PLAN

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1 PUMP HOUSE - FINISHED FLOOR PLAN
SCALE: 1/2" = 1'-0"

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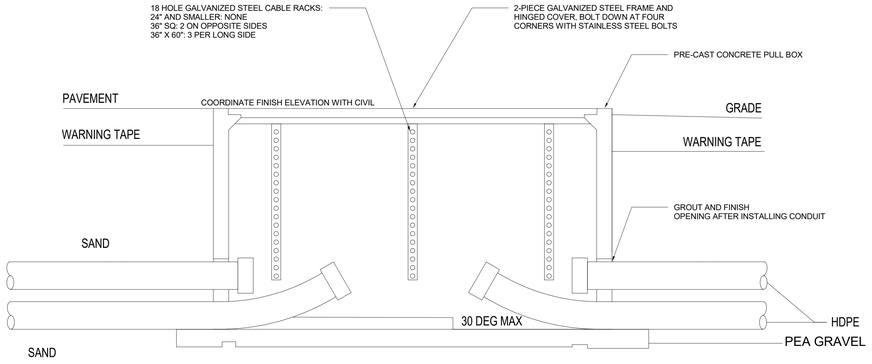
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TECHNOLOGY - PUMP HOUSE - FLOOR PLAN

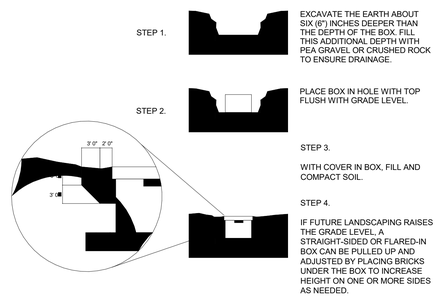
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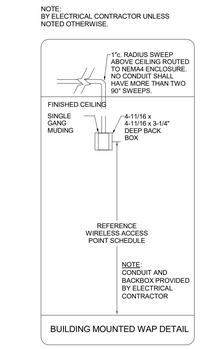
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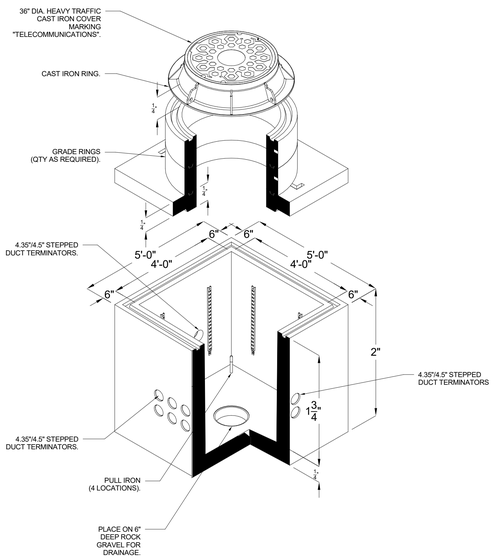
1 TYPICAL PULL BOX DETAIL BY E.C.
SCALE: NS



2 PULL BOX INSTALLATION DIAGRAM
SCALE: NTS



3 TECHNOLOGY ROUGH-IN DETAIL
SCALE: NS



4 VAULT DETAIL
SCALE: NTS

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TECHNOLOGY - DETAILS

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AUDIO/VISUAL MULTIMEDIA LEGEND

SYMBOL	DESCRIPTION
A## V##	WALL AV ROUGH-IN DETAIL
A## V##	CEILING AV ROUGH-IN DETAIL
A## V##	FLOOR AV ROUGH-IN DETAIL
IWB IWB	INTERACTIVE WHITE BOARD - WALL - CEILING
PJ PJ	MULTIMEDIA PROJECTOR
FP# FP#	MULTIMEDIA FLAT PANEL DISPLAY
S # S #	LOUD SPEAKER, CEILING MOUNTED - # INDICATES TYPE
CP#	CONTROL PANEL
TP#	TOUCH PANEL
M #	MICROPHONE, CEILING MOUNTED - # INDICATES TYPE
VC	VOLUME CONTROL
WB	WALL BOX ENCLOSURE
D1 A1	D1 = DIGITAL SINGLE SIDED CLOCK / A1 = ANALOG SINGLE SIDED CLOCK
D2 A2	D2 = DIGITAL DOUBLE SIDED CLOCK / A2 = ANALOG DOUBLE SIDED CLOCK
ENC	CEILING ENCLOSURE
C C	PRESENTATION CAMERA - CEILING - WALL MOUNTED
TWS	TEACHERS WORK STATION

PREMISE SECURITY LEGEND

SYMBOL	DESCRIPTION
CR	CARD READER
CR M	CARD READER MULLION
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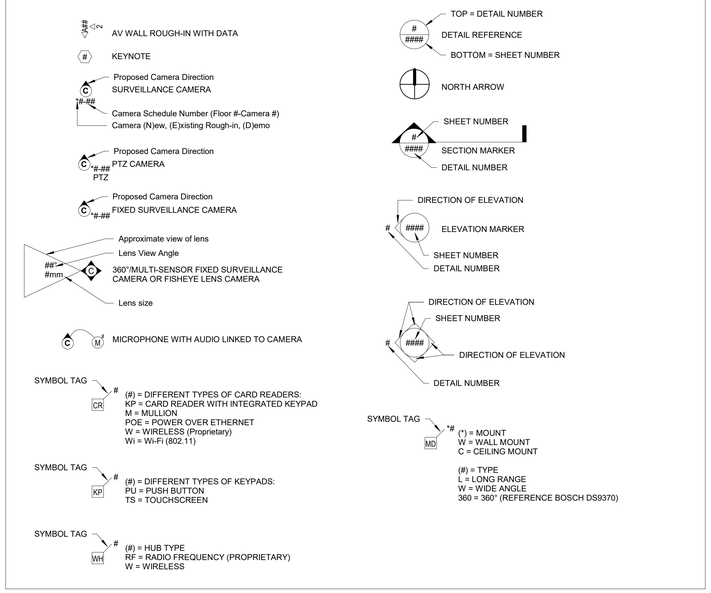
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T1.01A	TECHNOLOGY - RESTROOM PAVILLION A FLOOR PLANS	05/30/25	
TD1.01A	TECHNOLOGY - RESTROOM PAVILLION A DEMOLITION FLOOR PLANS	05/30/25	

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Drawing Title

TECHNOLOGY - INDEX SHEET

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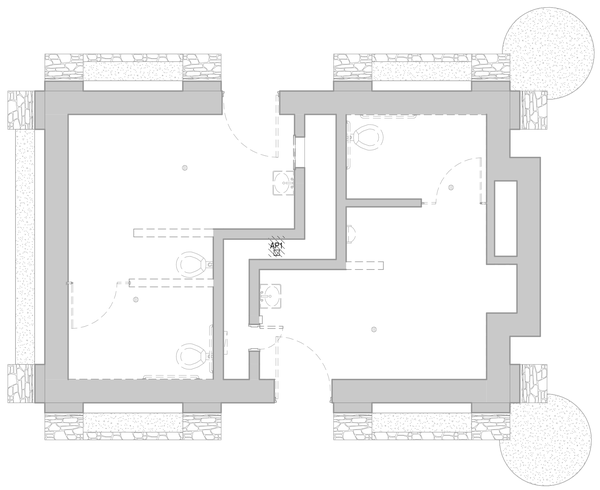
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TECHNOLOGY - RESTROOM PAVILLION A DEMOLITION FLOOR PLANS

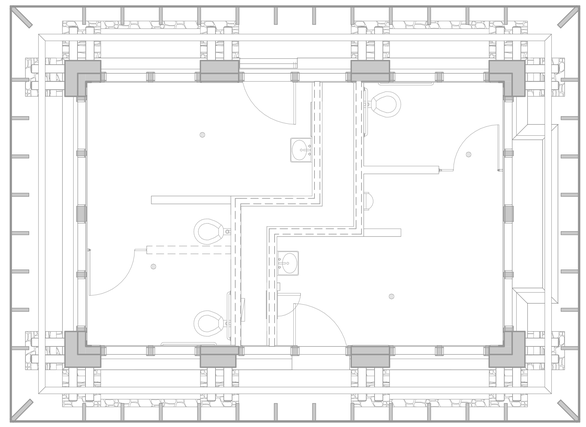
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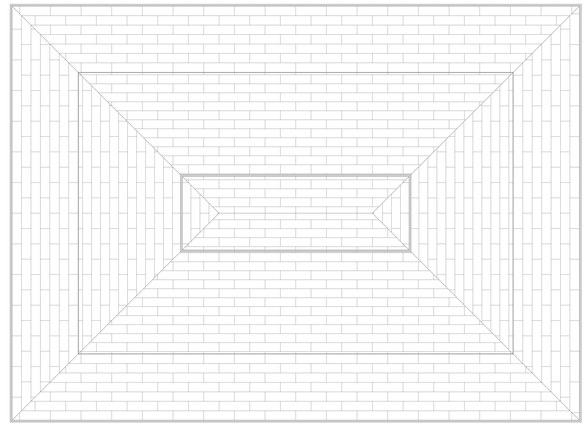
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1 FLOOR LEVEL - EXISTING RESTROOM PAVILLION A FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 FLOOR LEVEL - EXISTING CLERESTORY RESTROOM PAVILLION A FLOOR PLAN
SCALE: 1/4" = 1'-0"



3 ROOF - EXISTING RESTROOM PAVILLION A PLAN
SCALE: 1/4" = 1'-0"

N

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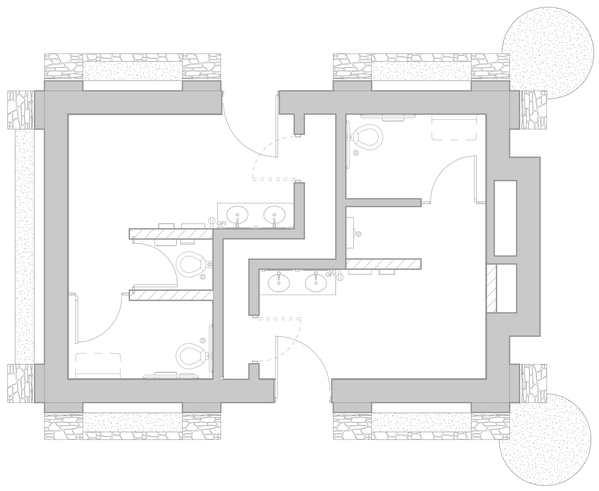
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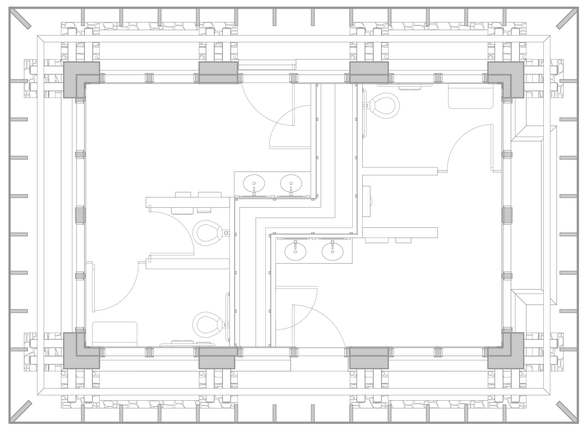
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1 FLOOR LEVEL - PROPOSED RESTROOM PAVILLION A FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 FLOOR LEVEL - PROPOSED CLERESTORY RESTROOM PAVILLION A FLOOR PLAN
SCALE: 1/4" = 1'-0"

AUDIO/VISUAL MULTIMEDIA LEGEND

SYMBOL	DESCRIPTION
A## V##	WALL AV ROUGH-IN DETAIL
A## V##	CEILING AV ROUGH-IN DETAIL
A## V##	FLOOR AV ROUGH-IN DETAIL
IWB IWB	INTERACTIVE WHITE BOARD - WALL - CEILING
PJ PJ	MULTIMEDIA PROJECTOR
FP# FP#	MULTIMEDIA FLAT PANEL DISPLAY
S # S #	LOUD SPEAKER, CEILING MOUNTED - # INDICATES TYPE
CP#	CONTROL PANEL
TP#	TOUCH PANEL
M #	MICROPHONE, CEILING MOUNTED - # INDICATES TYPE
VC	VOLUME CONTROL
WB	WALL BOX ENCLOSURE
D1 A1	D1 = DIGITAL SINGLE SIDED CLOCK / A1 = ANALOG SINGLE SIDED CLOCK
D2 A2	D2 = DIGITAL DOUBLE SIDED CLOCK / A2 = ANALOG DOUBLE SIDED CLOCK
ENC	CEILING ENCLOSURE
C C	PRESENTATION CAMERA - CEILING - WALL MOUNTED
TWS	TEACHERS WORK STATION

PREMISE SECURITY LEGEND

SYMBOL	DESCRIPTION
CR	CARD READER
CR M	CARD READER MULLION
KP	INTRUSION DETECTION KEYPAD (REFERENCE SYMBOL LEGEND FOR DIFFERENT TYPES)
IC	INTERCOM (1 DATA CABLE, PLUS TRIGGER CABLE TO ACS PANEL)
IC MS	INTERCOM MASTER STATION (1 DATA CABLE)
PB	PANIC / DURESS BUTTON
LD	LOCK DOWN BUTTON
MD	MOTION DETECTOR (REFERENCE SYMBOL LEGEND FOR DIFFERENT TYPES)
GB	ACCOUSTICAL GLASS BREAK SENSOR
BM	BIOMETRIC READER
RX	REQUEST TO EXIT - SURFACE PIR
KS	KEY SWITCH
LA	LOCAL ALARM SOUNDER
RG	RED/GREEN INDICATOR LIGHT
DB	DOORBELL
DH	MAGNETIC DOOR HOLD
VS	VISUAL STROBE
DR DR	DOOR RELEASE BUTTON, CONTROLLED DOOR LEAF
RX RX	REQUEST TO EXIT - INTEGRAL TO DOOR HARDWARE, SURFACE MOUNT MOTION, INTEGRAL TO DOOR HARDWARE
DC	DOOR CONTACT / MONITOR / POSITION SWITCH
ES EL EH	ELECTRIFIED HARDWARE (REFER TO DIV 08 SCHEDULES)
AO	ADA DOOR AUTO OPERATOR BUTTON
WH #	WIRELESS LOCK HUB, # = TYPE
C C	STANDARD IP SURVEILLANCE CAMERA, (1) DATA CABLE
C C C	180° MULTI-PAGER IP SURVEILLANCE CAMERA, (1) DATA CABLE
C	360° MULTI-PAGER IP SURVEILLANCE CAMERA, (1) DATA CABLE
C C	2 - SENSOR IP SURVEILLANCE CAMERA, (1) DATA CABLE
C	360° FISHEYE LENS CAMERA, (1) DATA CABLE
IR	IR ILLUMINATOR, (1) DATA CABLE AND TRIGGER TO CAMERA
ACP	ACCESS CONTROL PANEL LOCATION
IDP	INTRUSION DETECTION PANEL LOCATION

STRUCTURED CABLING LEGEND

SYMBOL	DESCRIPTION
#	TELECOMMUNICATIONS OUTLET, # =NUMBER OF DATA CABLE(S)/JACK(S)
#/#	TELECOMMUNICATIONS OUTLET, #/# = NUMBER OF VOICE CABLE(S)/JACK(S) AND NUMBER OF DATA CABLE(S)/JACK(S)
#	TELECOMMUNICATIONS OUTLET, # =NUMBER OF VOICE/DATA CABLE(S)/JACK(S), SURFACE MOUNT
#/#	TELECOMMUNICATIONS OUTLET, #/# = NUMBER OF VOICE CABLE(S)/JACK(S) AND NUMBER OF DATA CABLE(S)/JACK(S), SURFACE MOUNT
W	WALL MOUNT PHONE (1 CABLE/JACK)
W	WALL MOUNT PHONE, SURFACE MOUNT (1 CABLE/JACK)
#	FLOOR MOUNTED OUTLET, # =NUMBER OF VOICE/DATA CABLE(S)/JACK(S) (FLOOR BOX BY E.C.)
#/#	FLOOR MOUNTED OUTLET, #/# = NUMBER OF VOICE CABLE(S)/JACK(S) AND NUMBER OF DATA CABLE(S)/JACK(S) (FLOOR BOX BY E.C.)
#	CEILING MOUNTED DATA OUTLET, # =NUMBER OF VOICE/DATA CABLE(S)/JACK(S)
AP#	CEILING MOUNTED OUTLET FOR WIRELESS ACCESS POINT #=NUMBER OF CABLE(S)/JACK(S)
APH	WALL MOUNTED OUTLET FOR WIRELESS ACCESS POINT #=NUMBER OF CABLE(S)/JACK(S)
	CABLING SLEEVE(S)
	TYPICAL LADDER RACK
	TYPICAL CABLE TRAY, BASKET STYLE

GENERAL ANNOTATION LEGEND

SYMBOL	DESCRIPTION
MER	MAIN TELECOMMUNICATIONS ROOM
TR	TELECOMMUNICATION ROOM
MDF	MAIN DISTRIBUTION FRAME
IDF	INTERMEDIATE DISTRIBUTION FRAME
ETR	EXISTING TO REMAIN
PBO	PROVIDED BY OTHERS
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AC	ABOVE COUNTER
EC	ELECTRICAL CONTRACTOR
PSC	PREMISE SECURITY CONTRACTOR
SCC	STRUCTURAL CABLING CONTRACTOR
AVC	AV/MULTIMEDIA CONTRACTOR
UNO	UNLESS NOTED OTHERWISE
ACS	ACCESS CONTROL SYSTEM
IDS	INTRUSION DETECTION SYSTEM
VSS	VIDEO SURVEILLANCE SYSTEM

TECHNOLOGY SHEET INDEX

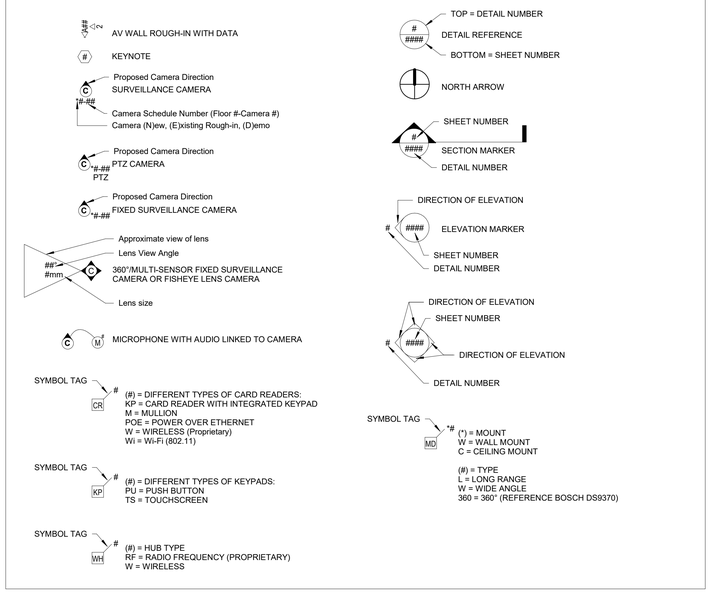
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T0.00	TECHNOLOGY - INDEX SHEET	05/30/25	
T2.01A	TECHNOLOGY - RESTROOM PAVILLION B FLOOR PLANS	05/30/25	
TD2.01A	TECHNOLOGY - RESTROOM PAVILLION B DEMOLITION FLOOR PLANS	05/30/25	

TECHNOLOGY - GENERAL NOTES

1. EACH KEYNOTE MAY NOT BE UTILIZED ON EVERY SHEET.
2. ALL CONDUIT MEASUREMENTS REFER TO STANDARD CONDUIT TRADE SIZES.
3. ALL CABLES SHALL BE CONCEALED.
4. EACH CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY SLEEVES, WHETHER OR NOT SPECIFICALLY NOTED ON PROJECT DRAWINGS. ALL SLEEVES SHALL BE 2" UNLESS NOTED OTHERWISE ON THE DRAWINGS. CABLE FILL PERCENTAGE SHALL COMPLY WITH NEC.
5. DEVICE LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL REVIEW CONDITIONS AND COORDINATE WITH OTHER TRADES AS NECESSARY FOR EXACT PLACEMENT.

TECHNOLOGY SYMBOLS LEGEND

NOT ALL SYMBOLS ARE USED



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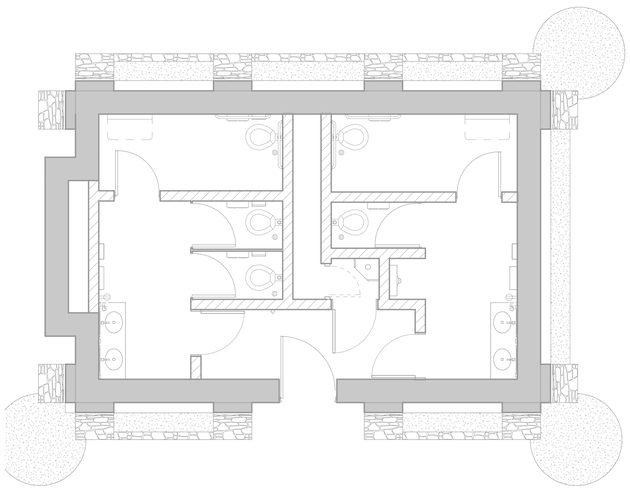
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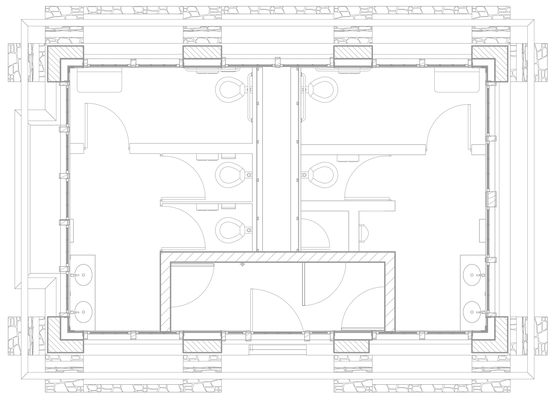
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1 FLOOR LEVEL - PROPOSED FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 FLOOR LEVEL - PROPOSED CLERESTORY FLOOR PLAN
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TECHNOLOGY - RESTROOM PAVILLION B FLOOR PLANS

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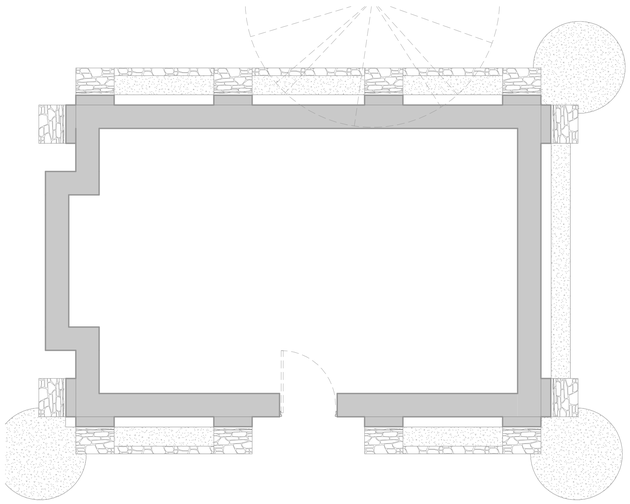
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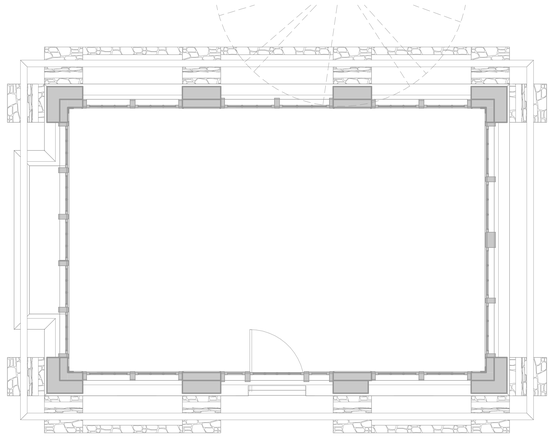
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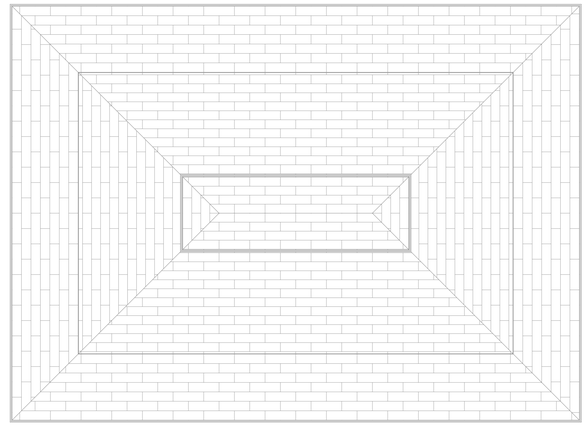
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2 FLOOR LEVEL - EXISTING CLERESTORY FLOOR PLAN
SCALE: 1/4" = 1'-0"



3 ROOF - EXISTING PLAN
SCALE: 1/4" = 1'-0"

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AUDIO/VISUAL MULTIMEDIA LEGEND

SYMBOL	DESCRIPTION
A## V##	WALL AV ROUGH-IN DETAIL
A## V##	CEILING AV ROUGH-IN DETAIL
A## V##	FLOOR AV ROUGH-IN DETAIL
IWB IWB	INTERACTIVE WHITE BOARD - WALL - CEILING
PJ PJ	MULTIMEDIA PROJECTOR
FP# FP#	MULTIMEDIA FLAT PANEL DISPLAY
S# S#	LOUD SPEAKER, CEILING MOUNTED - # INDICATES TYPE
CP#	CONTROL PANEL
TP#	TOUCH PANEL
M#	MICROPHONE, CEILING MOUNTED - # INDICATES TYPE
VC	VOLUME CONTROL
WB	WALL BOX ENCLOSURE
D1 A1	D1 = DIGITAL SINGLE SIDED CLOCK / A1 = ANALOG SINGLE SIDED CLOCK
D2 A2	D2 = DIGITAL DOUBLE SIDED CLOCK / A2 = ANALOG DOUBLE SIDED CLOCK
ENC	CEILING ENCLOSURE
C# C#	PRESENTATION CAMERA - CEILING - WALL MOUNTED
TWS	TEACHERS WORK STATION

PREMISE SECURITY LEGEND

SYMBOL	DESCRIPTION
CR	CARD READER
CR M	CARD READER MULLION
KP	INTRUSION DETECTION KEYPAD (REFERENCE SYMBOL LEGEND FOR DIFFERENT TYPES)
IC	INTERCOM (1 DATA CABLE, PLUS TRIGGER CABLE TO ACS PANEL)
IC MS	INTERCOM MASTER STATION (1 DATA CABLE)
PB	PANIC / DURESS BUTTON
LD	LOCK DOWN BUTTON
MD	MOTION DETECTOR (REFERENCE SYMBOL LEGEND FOR DIFFERENT TYPES)
GB	ACCOUSTICAL GLASS BREAK SENSOR
BM	BIOMETRIC READER
RX	REQUEST TO EXIT - SURFACE PIR
KS	KEY SWITCH
LA	LOCAL ALARM SOUNDER
RG	RED/GREEN INDICATOR LIGHT
DB	DOORBELL
DH	MAGNETIC DOOR HOLD
VS	VISUAL STROBE
DR DR	DOOR RELEASE BUTTON, CONTROLLED DOOR LEAF
RX RX	REQUEST TO EXIT - INTEGRAL TO DOOR HARDWARE, SURFACE MOUNT MOTION, INTEGRAL TO DOOR HARDWARE
DC	DOOR CONTACT / MONITOR / POSITION SWITCH
ES EL EH	ELECTRIFIED HARDWARE (REFER TO DIV 08 SCHEDULES)
AO	ADA DOOR AUTO OPERATOR BUTTON
WH #	WIRELESS LOCK HUB, # = TYPE
C C	STANDARD IP SURVEILLANCE CAMERA, (1) DATA CABLE
C C C	180° MULTI-PAGER IP SURVEILLANCE CAMERA, (1) DATA CABLE
C	360° MULTI-PAGER IP SURVEILLANCE CAMERA, (1) DATA CABLE
C C	2 - SENSOR IP SURVEILLANCE CAMERA, (1) DATA CABLE
C	360° FISHEYE LENS CAMERA, (1) DATA CABLE
IR	IR ILLUMINATOR, (1) DATA CABLE AND TRIGGER TO CAMERA
ACP	ACCESS CONTROL PANEL LOCATION
IDP	INTRUSION DETECTION PANEL LOCATION

STRUCTURED CABLING LEGEND

SYMBOL	DESCRIPTION
#	TELECOMMUNICATIONS OUTLET, # =NUMBER OF DATA CABLE(S)/JACK(S)
#/#	TELECOMMUNICATIONS OUTLET, #/# = NUMBER OF VOICE CABLE(S)/JACK(S) AND NUMBER OF DATA CABLE(S)/JACK(S)
#	TELECOMMUNICATIONS OUTLET, # =NUMBER OF VOICE/DATA CABLE(S)/JACK(S), SURFACE MOUNT
#/#	TELECOMMUNICATIONS OUTLET, #/# = NUMBER OF VOICE CABLE(S)/JACK(S) AND NUMBER OF DATA CABLE(S)/JACK(S), SURFACE MOUNT
W	WALL MOUNT PHONE (1 CABLE/JACK)
W	WALL MOUNT PHONE, SURFACE MOUNT (1 CABLE/JACK)
#	FLOOR MOUNTED OUTLET, # =NUMBER OF VOICE/DATA CABLE(S)/JACK(S) (FLOOR BOX BY E.C.)
#/#	FLOOR MOUNTED OUTLET, #/# = NUMBER OF VOICE CABLE(S)/JACK(S) AND NUMBER OF DATA CABLE(S)/JACK(S) (FLOOR BOX BY E.C.)
#	CEILING MOUNTED DATA OUTLET, # =NUMBER OF VOICE/DATA CABLE(S)/JACK(S)
AP#	CEILING MOUNTED OUTLET FOR WIRELESS ACCESS POINT #=NUMBER OF CABLE(S)/JACK(S)
APH	WALL MOUNTED OUTLET FOR WIRELESS ACCESS POINT #=NUMBER OF CABLE(S)/JACK(S)
	CABLING SLEEVE(S)
	TYPICAL LADDER RACK
	TYPICAL CABLE TRAY, BASKET STYLE

GENERAL ANNOTATION LEGEND

SYMBOL	DESCRIPTION
MER	MAIN TELECOMMUNICATIONS ROOM
TR	TELECOMMUNICATION ROOM
MDF	MAIN DISTRIBUTION FRAME
IDF	INTERMEDIATE DISTRIBUTION FRAME
ETR	EXISTING TO REMAIN
PBO	PROVIDED BY OTHERS
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AC	ABOVE COUNTER
EC	ELECTRICAL CONTRACTOR
PSC	PREMISE SECURITY CONTRACTOR
SCC	STRUCTURAL CABLING CONTRACTOR
AVC	AV/MULTIMEDIA CONTRACTOR
UNO	UNLESS NOTED OTHERWISE
ACS	ACCESS CONTROL SYSTEM
IDS	INTRUSION DETECTION SYSTEM
VSS	VIDEO SURVEILLANCE SYSTEM

TECHNOLOGY SHEET INDEX

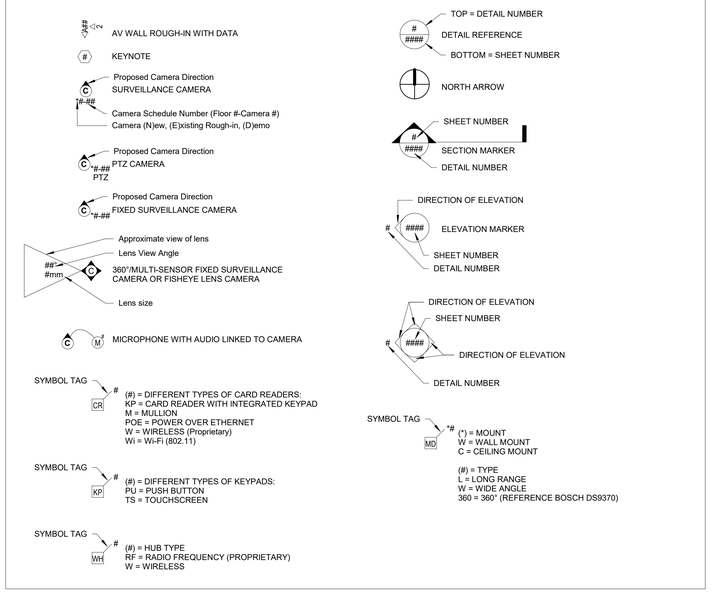
SHEET NUMBER	SHEET NAME	SHEET ISSUE DATE	CURRENT REVISION DATE
T0.00	TECHNOLOGY - INDEX SHEET	05/30/25	
TD3.01A	TECHNOLOGY - ELECTRIC PUMP STATION #3 DEMOLITION FLOOR PLANS	05/30/25	
T3.01A	TECHNOLOGY - ELECTRIC PUMP STATION #3 FLOOR PLANS	05/30/25	

TECHNOLOGY - GENERAL NOTES

1. EACH KEYNOTE MAY NOT BE UTILIZED ON EVERY SHEET.
2. ALL CONDUIT MEASUREMENTS REFER TO STANDARD CONDUIT TRADE SIZES.
3. ALL CABLES SHALL BE CONCEALED.
4. EACH CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY SLEEVES, WHETHER OR NOT SPECIFICALLY NOTED ON PROJECT DRAWINGS. ALL SLEEVES SHALL BE 2" UNLESS NOTED OTHERWISE ON THE DRAWINGS. CABLE FILL PERCENTAGE SHALL COMPLY WITH NEC.
5. DEVICE LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL REVIEW CONDITIONS AND COORDINATE WITH OTHER TRADES AS NECESSARY FOR EXACT PLACEMENT.

TECHNOLOGY SYMBOLS LEGEND

NOT ALL SYMBOLS ARE USED



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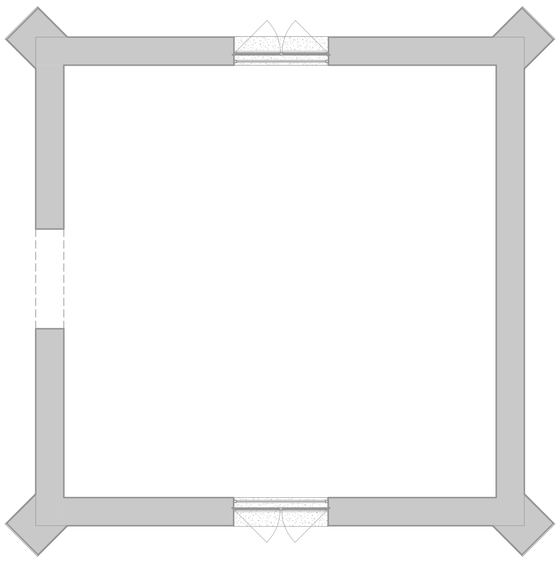
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TECHNOLOGY - ELECTRIC PUMP STATION #3 DEMOLITION FLOOR PLANS

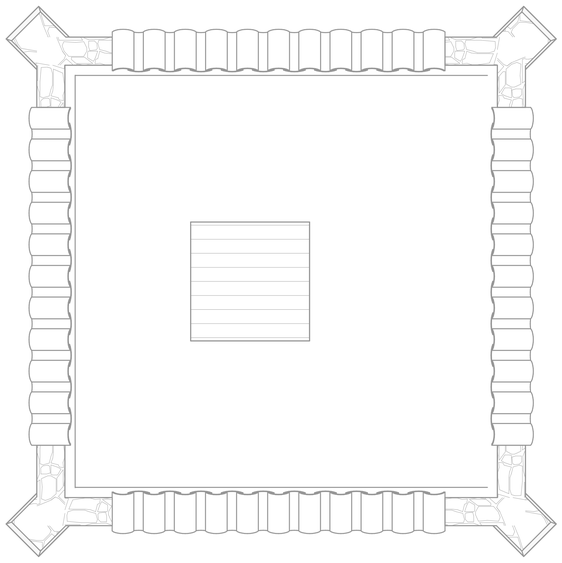
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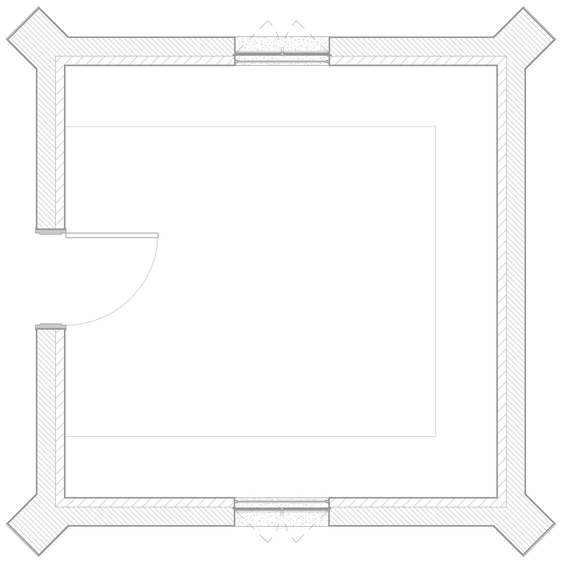


1 FIRST FLOOR - EXISTING ELECTRIC PUMP STATION #3 FLOOR PLAN
SCALE: 1/2" = 1'-0"



2 ROOF - EXISTING ELECTRIC PUMP STATION #3 ROOF PLAN
SCALE: 1/2" = 1'-0"

N



1 FIRST FLOOR - PROPOSED ELECTRIC PUMP STATION #3 FLOOR PLAN
SCALE: 1/2" = 1'-0"

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TECHNOLOGY - ELECTRIC PUMP STATION #3 FLOOR PLANS

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