

SITE MATERIAL & FINISH SCHEDULE

KEY	ITEM	DESCRIPTION / LOCATION	MANUFACTURER / SUPPLIER	MATERIAL / PRODUCT	FINISH	COLOR	NOTES
SM-01	CONCRETE PAVING - TYPE I	SITE WALKS & POOL DECK OUTSIDE THE QUATREFOIL	N/A	4,000 PSI CONCRETE	LT. BROOM FINISH, SCORED AS SHOWN ON PLANS	NORMAL GRAY	4" THICKNESS TYPICAL. REFERENCE DETAILS, PROVIDE 4"x4" MIN. MOCK UP.
SM-02	CONCRETE PAVING - TYPE II	POOL DECK QUATREFOIL BANDING	N/A	4,000 PSI CONCRETE WITH KOOL DECK COATING	KEYSTONE KOOL DECK TRADITIONAL FINISH, SCORED AS SHOWN ON PLANS	KOOL DECK 'SEDONA TAN'	4" THICKNESS TYPICAL. REFERENCE DETAILS, PROVIDE 4"x4" MIN. MOCK UP.
SM-03	CONCRETE PAVING - TYPE III	POOL DECK ADJACENT TO WATER FEATURES	N/A	4,000 PSI CONCRETE WITH KOOL DECK COATING	KEYSTONE KOOL DECK TRADITIONAL FINISH, SCORED AS SHOWN ON PLANS	KOOL DECK 'AQUA'	4" THICKNESS TYPICAL. REFERENCE DETAILS, PROVIDE 4"x4" MIN. MOCK UP
SM-04	6" POOL FENCE W/GATES	POOL DECK PERIMETER	AMERISTAR FENCE PRODUCTS	ECHELON MAJESTIC FENCE	PAINTED	BLACK	REF. DETAIL 7/13.02 FOR FENCE REF. DETAIL 6/13.02 FOR GATE
SM-05	CHANNEL DRAIN	POOL DECK	NDS	NDS DURA SLOPE CHANNEL DRAIN #DS-224 THRU DS-227 (INCLUDE DEEP AND NEUTRAL PRODUCTS)	POLYETHYLENE	LIGHT GREY	INSTALL WITH END CAP #DS-224. CATCH BASIN #DS-244 AND COUPLING #1242 PER MANUFACTURER'S INSTRUCTION. REF. DETAILS 6 & 7/13.01.
SM-05A	CHANNEL DRAIN	POOL DECK	NDS	NDS DURA SLOPE CHANNEL DRAIN #DS-224 THRU DS-227 SLOPE RADIUS COUPLINGS AND GRATES	POLYETHYLENE	LIGHT GREY	INSTALL WITH #DS-224 END CAP AND DS-227 END OUTLET PER MANUFACTURER'S INSTRUCTION. REF. SIMILAR DETAIL 6/13.01.
SM-06	CHANNEL DRAIN GRATE	POOL DECK	NDS	NDS DURA SLOPE PLASTIC PERFORATED CHANNEL GRATE #DS-671	POLYOLEFIN	WHITE	ADA COMPLIANT. INSTALL PER MANUFACTURER'S INSTRUCTION. REF. DETAILS 6/13.02 and 7/13.02.
SM-07	ROUND BRASS GRATE	ALTERNATE #1 LAZY RIVER DECK ISLANDS	NDS	3" ROUND BRASS GRATE w/PVC COLLAR #608B	SATIN	SATIN BRASS	INSTALL WITH BRASS SCREWS PER MANUFACTURER'S INSTRUCTION. REF. DETAILS 6/13.01.

SITE MATERIAL & FINISH SCHEDULE - ALTERNATE #2

KEY	ITEM	DESCRIPTION / LOCATION	MANUFACTURER / SUPPLIER	MATERIAL / PRODUCT	FINISH	COLOR	NOTES
SM-08	CONCRETE PAVING - TYPE I	SITE WALKS & POOL DECK OUTSIDE THE QUATREFOIL	N/A	4,000 PSI CONCRETE WITH KOOL DECK COATING	KEYSTONE KOOL DECK TRADITIONAL FINISH, SCORED AS SHOWN ON PLANS	KOOL DECK 'SAND BUFF'	4" THICKNESS TYPICAL. REFERENCE DETAILS, PROVIDE 4"x4" MIN. MOCK UP.

SITE FURNISHINGS SCHEDULE

KEY	ITEM	DESCRIPTION / LOCATION	MANUFACTURER / SUPPLIER	MATERIAL / PRODUCT	FINISH	COLOR	NOTES
SF-01	BIKE RACK	SITE	LANDSCAPE FORMS; CONTACT MELISSA HENAO-ROBLEDO (269) 337-1307	BOLA BIKE RACK	DESIGNER PALETTE ARCHITECTURAL SERIES	TBD	REF. DETAILS
SF-02	WATER FOUNTAIN & BOTTLE FILLER	POOL COMPOUND	MOST DEPENDABLE FOUNTAINS	MODEL 10145 SMFA	TBD	TBD	PROVIDE RECESSED HOSE BIBB WITH LOCKABLE DOOR
SF-03	OUTDOOR SHOWER	POOL COMPOUND	MOST DEPENDABLE FOUNTAINS	MODEL 565 SM	TBD	TBD	REF. DETAILS
SF-04	TRASH AND RECYCLING RECEPTICAL	POOL COMPOUND	LANDSCAPE FORMS; CONTACT MELISSA HENAO-ROBLEDO (269) 337-1307	MULTIPLICITY LITTER; DOUBLE EMBED	DESIGNER PALETTE ARCHITECTURAL SERIES	TBD	INSTALL PER MANUFACTURERS DIRECTIONS
SF-05	LIFE GUARD CHAIR	POOLSIDE	S.F. SMITH	SENTRY SLGC-42	HDPB AND STAINLESS STEEL	WHITE	13-609 CONCRETE ANCHORS
SF-06	CALL BOX	LIFE GUARD ROOM	AA COMMUNICATIONS	MODEL RB911E4G	MANUFACTURER'S STANDARD PRODUCT	MANUFACTURER'S STANDARD PRODUCT	REF. PLANS FOR LOCATION
SF-07	TABLES	POOL COMPOUND	PILOT ROCK	WTPS SERIES 6 UNIVERSAL ACCESS PORTABLE TABLE MODEL NO. SPC-TB-245	THERMO-PLASTIC COATED STEEL CHANNEL	TBD	REF. PLANS FOR LOCATION
SF-08	SIGN FRAMES	PARK ENTRANCE & PARK RULES SIGNS	CUSTOM FABRICATION	STEEL W/WELDED JOINTS	PARKS AND REC. STANDARD PAINTING PROCESS	PARKS AND REC. STANDARD PAINT COLOR	REF. PLANS FOR LOCATION

POOL FINISH SCHEDULE

KEY	DESCRIPTION	LOCATION	MANUFACTURER	MODEL	FIXTURE FINISH	LIGHT SOURCE	LAMP	COLOR TEMP.	MOUNTING	VOLTAGE	ACCESSORIES	NOTES
	REFER TO AQUATICS DRAWINGS FOR TILE, COPING, MARKERS, PLASTER, ETC.											

LIGHT FIXTURE SCHEDULE

KEY	DESCRIPTION	LOCATION	MANUFACTURER	MODEL	FIXTURE FINISH	LIGHT SOURCE	LAMP	COLOR TEMP.	MOUNTING	VOLTAGE	ACCESSORIES	NOTES
	REFER TO ELECTRICAL DRAWINGS FOR COMPLETE LIGHTING SCHEDULE.											

CONCRETE NOTES:

- UNLESS OTHERWISE NOTED ON PLANS, CONCRETE SHALL BE MINIMUM 3,000 PSI AT 28 DAYS AND A MINIMUM OF FOUR (4) INCHES THICKNESS.
- SUBMIT PROPOSED MIX DESIGN AND TEST DATA FOR EACH TYPE AND STRENGTH OF CONCRETE SPECIFIED OR PROPOSED.
- FLEXIBLE BASE, WHERE SPECIFIED, SHALL COMPLY WITH TXDOT ITEM 247, GRADE 1, WITH A MAXIMUM AGGREGATE SIZE OF 3/8".
- REINFORCING BARS AND JOINT DOWEL BARS SHALL BE STEEL BARS CONFORMING TO ASTM A615, GRADE 60. REINFORCING BARS SHALL BE COLD BENT TO SHAPES SHOWN, ONCE STEEL HAS BEEN BENT, IT MAY NOT BE RE-BENT.
- WIRE MESH, IF SPECIFIED, SHALL BE WELDED PLAIN STEEL WIRE FABRIC CONFORMING TO ASTM A185.
- STAKE LAYOUT OF ALL FLATWORK FOR REVIEW AND APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
- FORMWORK SHALL BE CONSTRUCTED OF WOOD OR METAL. FORMWORK SHALL BE SATISFACTORY TO THE OWNER'S REPRESENTATIVE AND BE STRAIGHT, FREE OF WARP AND OF A DEPTH EQUAL TO THE DEPTH OF THE CONCRETE. CURVED SECTIONS SHALL BE SMOOTH AND TANGENT. ADJOINING SECTIONS OF FORMWORK SHALL BE SET FLUSH WITH NO OVERLAP OR JOG. THEY SHALL BE SECURELY STAKED TO LINE AND GRADE AND MAINTAINED IN A TRUE POSITION DURING THE DEPOSITING OF CONCRETE.
- REINFORCING STEEL SHALL BE PLACED IN THE POSITION SHOWN IN THE PLANS. CARE SHALL BE EXERCISED TO KEEP ALL STEEL IN ITS PROPER LOCATION AND HORIZONTAL DURING CONCRETE PLACEMENT. BLOCK STEEL MIN. 1 1/2" FROM EDGE OF CONCRETE FOR MINIMUM CONCRETE COVERAGE OVER AND AROUND ALL REINFORCING STEEL.
- NOTE SPECIAL REINFORCING REQUIREMENTS AT SHARP JOINTING ANGLES.
- CONCRETE REINFORCEMENT SUPPORTS SHALL BE UTILIZED, USE OF ROCKS, BRICKS, WOOD, VERTICAL STAKES AND OTHER SUPPORTS WILL NOT BE ACCEPTED.
- WHERE CONCRETE FLATWORK ABUTS A DRIVEWAY, CURB, RETAINING WALL, OR OTHER VERTICAL SURFACE, APPROVED EXPANSION MATERIAL SHALL BE PLACED ALONG ITS ENTIRE LENGTH. SIMILAR EXPANSION MATERIAL SHALL BE PLACED AROUND ALL OBSTRUCTIONS PROTRUDING THROUGH FLATWORK.
- PLACE EXPANSION JOINTS AND SCORE JOINTS AS SHOWN ON PLANS. WHERE NOT INDICATED ON PLANS, EXPANSION JOINTS SHALL BE PROVIDED AT A MAXIMUM OF 30'-0" O.C.E.W. AND SCORE JOINTS SHALL BE PROVIDED AT A MAXIMUM OF 6'-0" O.C.E.W.
- WHERE SCORE JOINTS ARE SAWCUT, THEY MUST BE COMPLETE WITHIN 8 HRS OF CONCRETE FINISHING.
- ALL JOINTS TO BE STRAIGHT AND CONSISTENT. JOINTS SHALL BE WITHIN A TOLERANCE OF 1/4 INCH IN 10 FEET AS DETERMINED BY A 10'-00"-LONG STRAIGHTEDGE PLACED ALONG THE JOINT.
- SCORE JOINTS SHALL NOT EXTEND BEYOND AN INTERSECTING SCORE OR EXPANSION JOINT UNLESS INDICATED TO DO SO ON PLAN.
- PROTECT CONCRETE INSTALLATIONS FROM DAMAGE DURING SUBSEQUENT CONSTRUCTION ACTIVITIES. BARRICADE NEWLY POURED PAVING UNTIL CONCRETE HAS ATTAINED A MINIMUM DESIGN STRENGTH.
- REFERENCE STRUCTURAL AND CIVIL PLANS FOR ADDITIONAL REQUIREMENTS.
- CONSTRUCT MOCK-UP(S) OF EACH CONCRETE FINISH AS NOTED IN THE MATERIAL SCHEDULE. OBTAIN ACCEPTANCE BY OWNER'S REPRESENTATIVE OF VISUAL QUALITIES OF THE MOCK-UP(S) PRIOR TO PROCEEDING WITH WORK. RETAIN ACCEPTABLE PANEL(S) IN AN UNDISTURBED CONDITION, SUITABLY MARKED, DURING CONSTRUCTION AS STANDARD FOR JUDGING COMPLETENESS OF WORK.
- MOCK-UPS SHALL BE 25 SF MIN. UNLESS OTHERWISE NOTED.
- COLOR ADMIXTURE FOR INTEGRALLY COLORED CONCRETE AND CURING COMPOUND FOR INTEGRALLY COLORED CONCRETE SHALL BE SUPPLIED BY THE SAME MANUFACTURER AND SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- APPLY CURING COMPOUND AT CONSIDERANT TIME FOR EACH POUR TO MAINTAIN COLOR CONSISTENCY.

SPECIAL POOL DECK NOTES:

- USE 5 TO 6-BAG CEMENT MIX FOR POOL AND LAZY RIVER DECK.
- DO NOT INCLUDE ANY ADDITIVES SUCH AS FLY ASH, POZZOLANS, RETARDANTS, OR OTHER CURING ADDITIVES.
- APPLY LIGHT BROOM FINISH PRIOR TO KOOL DECK TOPPING INSTALLATION.
- KOOL DECK TOPPING TO BE COLOR INTEGRAL. SEE MATERIALS SCHEDULE FOR SPECIFICS.
- APPLY KOOL DECK TOPPING ONLY WHEN AMBIENT AIR TEMPERATURES ARE ABOVE 50°F OR BELOW 90°

DIMENSIONING and JOINTING NOTES:

- NOTIFY LANDSCAPE ARCHITECT 72 HOURS IN ADVANCE OF SCHEDULED CEMENT POUR FOR DECK INSTALLATION PHASES.
- FOLLOW JOINT LAYOUT AS INDICATED ON PLANS AND INSTALL STRINGS INDICATING JOINT PATTERN FOR REVIEW AND APPROVAL PRIOR TO CEMENT POUR. PERMANENTLY MARK POSITIONS OF ALL JOINTS ON FORMS.
- INSTALL SPECIAL STEEL REINFORCEMENT WHERE INDICATED ON PLANS 24 HOURS PRIOR TO CEMENT POUR.
- MARK CONTRACTION JOINTS WITH CHALK LINE AND SAW-CUT IN THE PRESENCE OF THE LANDSCAPE ARCHITECT WITHIN 8 HOURS OF CEMENT POUR.
- FAILURE TO ADHERE TO THESE NOTES IN ANY WAY MAY CAUSE REJECTION AND NON-PAYMENT OF THE DECK INSTALLATION.

METAL FABRICATION NOTES:

- CONTRACTOR SHALL PROVIDE DETAILED SHOP DRAWINGS FOR ALL METAL FABRICATIONS INCLUDING, BUT NOT LIMITED TO, HANDRAILS, GUARDRAILS, FENCES, GATES, SIGNS, ETC. FABRICATION SHALL NOT COMMENCE UNTIL SHOP DRAWINGS ARE APPROVED BY OWNER'S REPRESENTATIVE. REFERENCE DETAILS AND MATERIALS SCHEDULE FOR ADDITIONAL REQUIREMENTS.
- PREASSEMBLE ITEMS IN THE SHOP TO THE GREATEST EXTENT PRACTICAL. USE CONNECTIONS THAT MAINTAIN STRUCTURAL VALUE OF JOINED PIECES.
- GRIND ALL WELDS SMOOTH AND REMOVE ANY BURRS. ROUGH AREAS, AND SHARP EDGES PRIOR TO PRIMING/PAINTING.
- ALL METAL SPECIFIED TO BE PAINTED SHALL BE SHOP PRIMED (TWO COATS) WITH RUST INHIBITIVE PRIMER AND FIELD PAINTED. COLOR TO BE APPROVED BY LANDSCAPE ARCHITECT. TOUCH-UP PAINT AS REQUIRED AFTER INSTALLATION.
- ALL SEALANT USED AT METAL WORK SHALL MATCH COLOR OF ADJACENT METAL.
- WHERE GROUTING IN CONCRETE IS SPECIFIED, USE GROUT THAT IS NON-SHRINK, NON-METALLIC, NON-STAINING, NON-CORROSIVE, NON-GASEOUS COMPLYING WITH ASTM C1107
- FABRICATOR SHALL VERIFY ALL METAL MEMBER SIZING AND THICKNESS TO ENSURE STRUCTURAL INTEGRITY OF THE FABRICATION.
- REFERENCE STRUCTURAL DRAWINGS FOR METAL MEMBER SIZES AND SPECIFICATIONS. NOTIFY LANDSCAPE ARCHITECT IF THERE IS A CONFLICT BETWEEN LANDSCAPE AND STRUCTURAL DRAWINGS.



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REVISION	

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CHECKED BY	ONSTRUCTION
SCALE	NOTES

SHEET TITLE

**CONSTRUCTION
NOTES
AND
MATERIALS**

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L2.00