



## GENERAL NOTES:

1. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION MATERIAL TESTING. CONTRACTOR WILL PAY FOR ALL NECESSARY TESTING SELECTED BY LANDSCAPE ARCHITECT AND THE ENGINEER, RE-TESTING SHALL BE CHARGED TO THE CONTRACTOR FROM HIS MONTHLY ESTIMATES, AND NO ADDITIONAL COMPENSATION WILL BE MADE OR ALLOWED FOR REWORKING THE NECESSARY DEFECTIVE WORK NOT MEETING THE SPECIFIED WORK OF THE PLANS AND SPECIFICATIONS. ANY RE-TESTING REQUIRED BY NO-PASSING RESULTS SHALL BE PAID FOR BY THE CONTRACTOR AND SHALL BE DEDUCTED FROM THE CONTRACT AMOUNT.
2. THE CONTRACTOR SHALL DO ALL NECESSARY EXCAVATION, TRENCHING, DEWATERING, DEMOLITION, GRADING, BACKFILL, ETC., TO COMPLETE THE PROJECT. SUCH COSTS SHALL BE SUBSIDIARY TO THE BID ITEMS IN THE PROPOSAL. ALL EXCAVATION IS UNCLASSIFIED.
3. ALL TREES, PLANTS, GRASS AND SHRUBS, EXCEPT THOSE WHICH WILL BE AFFECTED BY CONSTRUCTION SHALL BE PROTECTED AT ALL TIMES. THE AREAS IN AND ADJACENT, TO THE CONSTRUCTION SITE SHALL BE RESTORED TO THEIR ORIGINAL CONDITIONS AFTER NECESSARY FINE GRADING IS COMPLETED. THE CONTRACTOR SHALL PROVIDE NEW GRASS OF THE SAME TYPE REMOVED TO RESTORE DAMAGED AREAS. ONLY QUALITY SANDY LOAM, TOPSOIL SHALL BE USED FOR FILLING THE TOP FOUR INCHES OF THOSE AREAS DAMAGED OR FILLED.
4. DAMAGES DONE TO EXISTING UTILITIES, POWER POLES, FENCES, SIGNS, MAILBOXES, DRIVEWAYS, CULVERTS, PAVEMENT, DRAINAGE SYSTEMS, ETC. SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER, AND SUCH COSTS SHALL BE SUBSIDIARY TO THE VARIOUS UNIT ITEMS IN THE PROPOSAL.
5. THE CONTRACTOR SHALL BE LIMITED ONLY TO EXISTING ROW FOR OPERATIONS AND/OR EASEMENTS PROVIDED BY THE CITY OF LEON VALLEY. THE CONTRACTOR AT NO EXTRA COST TO THE OWNER WILL CORRECT ANY DAMAGES DONE TO PROPERTY OUTSIDE THESE DESIGNATED WORK AREAS TO ITS ORIGINAL OR BETTER CONDITIONS. IT IS IMPORTANT THAT THE CONTRACTOR BE AWARE OF THE WORK LIMITS SO THAT NO DAMAGE WILL RESULT TO THOSE AREAS OUTSIDE THESE LIMITS.
6. THE CONTRACTOR SHALL FURNISH THE SITE INSPECTOR AND OBSERVER, OWNER, AND LANDSCAPE ARCHITECT THE NAMES, ADDRESS AND TELEPHONE NUMBERS OF ALL PERSONNEL RESPONSIBLE FOR THE WORK IN CASE OF EMERGENCIES.
7. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES AND SHALL EXERCISE EXTREME CARE IN WORKING IN THE VICINITY OF THESE LINES.
8. ALL EXISTING LINES, WHETHER BELONGING TO THE CITY OF LEON VALLEY OR PRIVATE SHALL REMAIN IN OPERATION AT ALL TIMES. SWITCHOVER TIME, RE-CONNECTING NEW SERVICE FROM EXISTING LINES OR SERVICES (IF ANY) SHALL BE KEPT TO A MINIMUM. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY RE-CONNECTS, TEMPORARY OR OTHERWISE, OF ALL WATER AND SANITARY SEWER LINES REQUIRED TO COMPLETE THE PROJECT. UNLESS OTHERWISE SPECIFIED IN THE BID PROPOSAL FORM, PAYMENT FOR SUCH ITEMS SHALL BE SUBSIDIARY TO ALL THE VARIOUS ITEMS OF THE BID.
9. THE OWNER RESERVES THE RIGHT TO ADD OR DELETE QUANTITIES OF BID ITEMS IN THE PROPOSAL AT THE UNIT PRICES GIVEN.
10. THE CONTRACTOR IS EXPECTED TO CONDUCT HIS WORK IN SUCH A MANNER AS TO MINIMIZE ANY SOIL EROSION OR SEDIMENT RUNOFF FROM THE CONSTRUCTION SITE. EARTH CUTS AND FILLS SHALL HAVE SMOOTH, FLAT SIDE SLOPES, AS GENERALLY INDICATED ON THE PLANS, TO PRECLUDE EROSION OF THE SOIL. SUCH OPERATIONS SHOULD BE TIMES CONSISTENT WITH THE ACTUAL NEED FOR DOING THE WORK AND ONLY TO LEAVE RAW, UNPROTECTED SURFACES FOR A MINIMUM OF TIME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY EROSION THAT OCCURS AT HIS COST WITHOUT CLAIM FOR EXTRA COMPENSATION.
11. UNTIL ACCEPTANCE BY THE LANDSCAPE ARCHITECT OF ANY PART OF ALL OF THE MATERIAL, AS PROVIDED FOR IN THESE SPECIFICATIONS, IT SHALL BE UNDER THE CHARGE AND CARE OF THE CONTRACTOR, AND HE SHALL TAKE EVERY NECESSARY PRECAUTION AGAINST INJURY OR DAMAGE TO ANY PART OF THE MATERIAL BY ACTION OF THE ELEMENTS OR FROM THE NON-EXECUTION OF THE WORK. THE CONTRACTOR SHALL REBUILD, REPAIR, RESTORE AND MAKE GOOD, AT HIS OWN EXPENSE, ALL INJURIES OR DAMAGE TO ANY PORTION OFF THE MATERIAL OCCASIONED BY ANY OF THE ABOVE CAUSES BEFORE ITS COMPLETION AND ACCEPTANCE.

12. IN CASES WHERE THE CONTRACTOR DEEMS EXTRA COMPENSATION IS DUE HIM FOR MATERIALS NOT CLEARLY COVERED IN THE CONTRACT, OR NOT ORDERED BY THE LANDSCAPE ARCHITECT AS AN EXTRA ITEM, THE CONTRACTOR SHALL NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE IN WRITING OF HIS INTENTION TO MAKE CLAIM FOR SUCH EXTRA COMPENSATION BEFORE HE BEGINS THE WORK. THE CONTRACTOR SHALL NOT PROCEED UNTIL THE OWNER, LANDSCAPE ARCHITECT, AND CONTRACTOR APPROVES A WRITTEN CHANGE ORDER. FAILURE ON THE PART OF THE CONTRACTOR TO GIVE SUCH NOTIFICATION OR TO AFFORD THE LANDSCAPE ARCHITECT PROPER FACILITIES FOR KEEPING STRICT ACCOUNT OF ACTUAL COST SHALL CONSTITUTE A WAIVER OF THE CLAIM FOR SUCH EXTRA COMPENSATION. THE FILING OF SUCH NOTICE BY THE CONTRACTOR AND THE KEEPING OF COSTS BY THE LANDSCAPE ARCHITECT SHALL NOT IN ANY WAY BE CONSTRUED TO PROVE THE VALIDITY OF THE CLAIM. WHEN THE WORK HAS BEEN COMPLETED, THE CONTRACTOR SHALL, WITHIN 10 DAYS, FILE HIS CLAIM FOR EXTRA COMPENSATION WITH THE OWNER OR OWNER'S REPRESENTATIVE.

13. UPON THE FAILURE OF THE CONTRACTOR TO REPAIR SATISFACTORILY OR TO REMOVE AND REPLACE, IF SO DIRECTED, REJECTED, UNAUTHORIZED, OR CONDEMNED MATERIALS IMMEDIATELY AFTER RECEIVING FORMAL NOTICE FROM THE OWNER OR OWNER'S REPRESENTATIVE, THE OWNER MAY RECOVER FOR SUCH DEFECTIVE MATERIALS ON THE CONTRACTOR'S BOND, OR BY ACTION IN A COURT HAVING PROPER JURISDICTION OVER SUCH MATTERS, OR MAY EMPLOY LABOR AND EQUIPMENT AND SATISFACTORILY REPAIR OR REMOVE AND REPLACE SUCH WORK AND CHARGE THE COST OF THE SAME TO THE CONTRACTOR, WHICH COST WILL BE DEDUCTED FROM ANY MONEY DUE HIM.

14. CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES. ALL PROPOSED ROUTING OF TRAFFIC MUST BE APPROVED IN WRITING PRIOR TO IMPLEMENTATION AND BE SEALED BY A LICENSE REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF TEXAS. ALL TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD), LATEST EDITION.

15. SAW CUTTING OF EXISTING ASPHALT OR CONCRETE FOR CONSTRUCTION JOINTS WILL BE THE ONLY ACCEPTED METHOD.

16. THE CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING HIMSELF AND FOLLOWING ALL TXDOT, SAWS, AND THE CITY OF SAN ANTONIO STANDARD SPECIFICATIONS FOR THOSE ITEMS LISTED IN PROJECT SPECIFICATIONS.

17. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS INCLUDING GOVERNING BODIES AND GUIDELINES.

18. DEWATERING AND TRENCH PROTECTION SHALL BE CONSIDERED AS INCIDENTAL WORK, AND THE COST THEREOF SHALL BE SUBSIDIARY TO THE VARIOUS UNIT ITEMS IN THE PROPOSAL.

19. SUBMITTALS AND/OR SHOP DRAWINGS FOR ALL BID ITEMS SHALL BE PROVIDED TO THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.

20. BECAUSE OF THE SPECIAL CONDITIONS ASSOCIATED WITH CONSTRUCTION, OPEN TRENCHES OR HAZARDS MAY NOT BE LEFT OPEN AFTER DARK UNLESS BARRICADING IS IN PLACE.

21. POOL AREA AND WALKS TO HAVE A LIGHT BROOM / ROCK SALT FINISH. OTHER CONCRETE SURFACES TO HAVE A MEDIUM BROOM FINISH. SAMPLE PANEL TO BE COMPLETED BY THE CONTRACTOR AND APPROVED BY THE OWNER.

22. PROVIDE HAND TOOLED SCORED JOINTS 3/4" DEPTH WITH 1/4" RADIUS EACH SIDE. SPACE JOINTS AT A DISTANCE THAT MATCHES THE WIDTH OF THE WALK OR AS INDICATED ON THE PLANS. JOINTS THAT OCCUR ON CURVES IN THE WALK TO RADIATE FROM CENTER POINT OF CURVE. SAWCUT JOINTS WILL NOT BE PERMITTED.

23. PROVIDE 1/2" EXPANSION JOINTS AT 40' O.C., AT ALL CHANGES IN WALK DIRECTION, AND AT ALL POINTS WHERE NEW CONCRETE MEETS EXISTING WALKS, BUILDINGS AND CURBS.

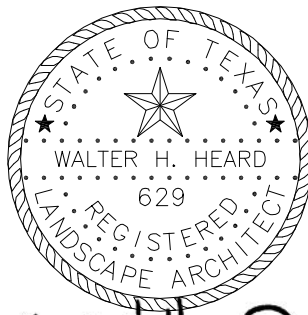
24. OUTSIDE EDGE OF CONCRETE WALK PROVIDE 3/4" EXPANSION JOINT CONTINUOUS ALONG ADJACENT POOL STRUCTURE TO BE FORMED TO FULL 8" DEPTH WHERE DEEPER TOW DOWNS ARE NOT BEING IMPLEMENTED.

25. ALL AREAS DISTURBED BY CONSTRUCTION TO BE SOLID SOD WITH TIFWAY 419 BERMUDA.

26. EXCAVATED MATERIALS OR OTHER MATERIALS REMOVED FROM THE SITE (NOT USED ON SITE) SHALL BE TESTED AND PROPERLY DISPOSED OF IN ACCORDANCE WITH ALL STATE AND FEDERAL REGULATIONS. CONTRACTOR SHALL PROVIDE A RECEIPT FROM LANDFILL COMPANY UPON REQUEST.



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3/10/2023

## CITY OF LEON VALLEY POOLS STRAWFLOWER POOL

6600 STAWFLOWER ST.  
SAN ANTONIO, TX 78238

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Project no:  
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## GENERAL NOTES

# GN 1.01

CONSTRUCTION DOCUMENTS

27. ALL REFERENCE TO APPROVAL OR ANY NOTIFICATION TO "LANDSCAPE ARCHITECT" IN PLANS AND SPECIFICATIONS IS TO REFER TO "PROJECT MANAGER".

28. CONTRACTOR IS REQUIRED TO ADJUST ALL CONCRETE PADS AND WALKS TO BE FLUSH WITH ALL EXISTING FLATWORK, VALVE BOXES, ETC.

29. ITEMS TO BE REMOVED ARE INDICATED ON THE DEMOLITION PLAN SHEETS. THE CONTRACTOR MAY ENCOUNTER ITEMS AND STRUCTURES THAT ARE UNKNOWN OR BURIED ON THE SITE. THESE ITEMS WILL BE REMOVED BY THE CONTRACTOR AT NO ADDITIONAL COST.

36. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING AND OBTAINING ALL REQUIRED PERMITS AND ALL NECESSARY INSPECTION FEES.

**ACCESSIBILITY REQUIREMENTS:**

1. ALL CONSTRUCTION AS PART OF THIS PROJECT SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE DESIGN GUIDELINES ESTABLISHED BY THE AMERICANS WITH DISABILITIES ACT (ADA) AND THE TEXAS ACCESSIBILITY STANDARDS (TAS).

2. THE GENERAL CONTRACTOR SHALL REPORT TO THE OWNER/ARCHITECT ANY AND ALL DISCREPANCIES BETWEEN, OR WITHIN, THE CONTRACT DOCUMENTS AND THE DESIGN GUIDELINES ESTABLISHED BY THE ADA AND THE TAS PRIOR TO BEGINNING ANY PHASE OF CONSTRUCTION.

3. THE GENERAL CONTRACTOR SHALL UTILIZE EXTREME CARE TO INSURE THAT ALL TOLERANCES, DIMENSIONS AND CLEARANCES ARE CONSTRUCTED ACCURATELY AND WITHOUT DEVIATION.

4. THE GENERAL CONTRACTOR IS REQUIRED TO TAKE ANY AND ALL ACTIONS NECESSARY TO CORRECT CONDITIONS WHICH ARE IN THE OPINION OF THE STATE ACCESSIBILITY INSPECTOR IN VIOLATION OF TAS GUIDELINES AS THE DIRECT RESULT OF DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS OR INADEQUATE CONSTRUCTION CONTROL AND/OR TOLERANCES.

5. NO SIDEWALK OR WALKWAY SHALL HAVE A LONGITUDINAL SLOPE EXCEEDING 1:22 (4.54%).

6. NO SIDEWALK OR WALKWAY SHALL HAVE A CROSS SLOPE EXCEEDING 1:75 (1.5%).

7. NO SIDEWALK OR WALKWAY SHALL HAVE A VERTICAL CHANGE IN LEVEL GREATER THAN 1/2" WITHOUT THE USE OF A RAMP.

8. CHANGES IN LEVEL ALONG SIDEWALKS AND WALKWAYS UP TO 1/4" MAY BE VERTICAL AND WITHOUT EDGE TREATMENT.

9. CHANGES IN LEVEL ALONG SIDEWALKS AND WALKWAYS BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 (50%).

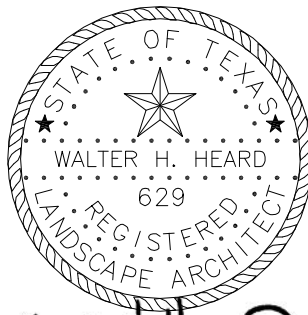
10. SIDEWALKS, WALKWAYS AND RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMULATE ON THE WALKWAY SURFACE.

11. GRADES SURROUNDING SIDEWALKS, WALKWAYS AND RAMPS SHALL BE FLUSH WITH THE PAVED SURFACE FINISH ELEVATION WHERE NO EDGE CURB OR RAILING IS INDICATED.

12. SIDEWALKS AND WALKWAYS SHALL HAVE A SLIP RESISTANT SURFACE WITH A MINIMUM STATIC COEFFICIENT OF FRICTION OF 0.6.



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**CITY OF LEON  
VALLEY POOLS  
STRAWFLOWER  
POOL**

6600 STAWFLOWER ST.  
SAN ANTONIO, TX 78238

REVISION \_\_\_\_\_ DATE \_\_\_\_\_

Project no:  
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**GENERAL  
NOTES**

**GN 1.02**

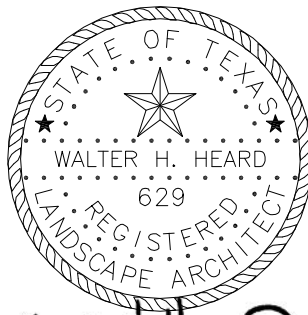
CONSTRUCTION\_DOCUMENTS

## POOL NOTES:

1. THE CONTRACTOR SHALL SUPPLY ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS NECESSARY TO PROVIDE A COMPLETE AND OPERATING SYSTEM.
2. ALL PIPING SHALL BE HYDROSTATICALLY TESTED FOR LEAKS FOR ONE HOUR AT 75 P.S.I.
3. ALL POOL PIPING , FILTER PIPING AND RECIRCULATION PIPING SHALL BE SCH. 40 PVC WITH SCH. 40 PVC FITTINGS. ALL CONNECTIONS TO PUMPS AND FILTERS SHALL BE BY PVC FLANGE. ALL PIPE THROUGH POOL FLOOR SHALL BE SCH 80 PVC.
4. ALL POOL PIPING SHALL BE INSTALLED TO A DEPTH OF 18" FROM FINISH GRADE TO TOP OF PIPE.
5. ALL EXPOSED PVC PIPE WITH SPANS OF GREATER THAN 4'-0" SHALL BE SUPPORTED BY A GALVANIZED STEEL PIPE SUPPORT ATTACHED TO CONCRETE SLAB WITH FOUR 1/2" STAINLESS STEEL ANCHOR BOLTS.
6. ALL EXPOSED POOL PIPING SHALL BE LABELED TO IDENTIFY THE PIPING FUNCTION AND DIRECTION OF FLOW. THE NAME OF THE LIQUID OR GAS AND ARROWS INDICATING DIRECTION OF FLOW, SHALL BE PERMANENTLY INDICATED ON THE PIPE.
7. ALL CHLORINATION AND MONITORING EQUIPMENT TO BE SUPPLIED AND INSTALLED BY OTHERS.
8. MECHANICAL EQUIPMENT AREA  
CLEAN ALL ABOVE GROUND POOL AND WADING EQUIPMENT, PIPING , VALVES, GAUGES, FLOW DETECTORS AND OTHER MISCELLANEOUS EQUIPMENT FOR LEAKS. REPAIR LEAKS ALL LEAKS.
9. PUMPS  
REPLACE ALL PUMPS WITH MATCHING MODEL NUMBER PUMPS FROM THE SAME PUMP MANUFACTURE. RETURN EXISTING PUMPS REMOVED TO THE CITY OF LEON VALLEY.
10. BALL VALVES  
INSPECT AND REPLACE ALL LEAKING BALL VALVES.
11. WATER PRESSURE GAUGES  
INSPECT AND REPLACE ALL NON-FUNCTIONING WATER PRESSURE GAUGES.
12. FLOW GAUGES  
REPLACE ALL FLOW METERS IN PLACE WITH BLUE WHITE FLOW GAUGE MODEL NUMBER
13. ALL POOL FILTERS  
REMOVE ALL SAND FILTER MEDIA, PEA GRAVEL, AND LATERALS. CLEAN INTERIOR OF FILTER TANK AND COMPONENTS AND INSPECT FOR DAMAGE. REPAIR OR REPLACE AL DAMAGED COMPONENTS, AND REPLACE ALL FLEXIBLE "O" RINGS AND GASKETS. REPAIR ALL LEAKS.  
  
REINSTALL FILTER TANK WITH "VIRON" COURSE ACTIVE GLASS MEDIA - VOLUME PER MANUFACTURES RECOMMENDATION.  
  
REINSTALL FILTER TANK WITH "VIRON" FINE ACTIVE GLASS MEDIA - VOLUME PER MANUFACTURES RECOMMENDATION.
14. POOL SHELL AND MARBLE PLASTER REMOVAL AND REPLACEMENT  
REMOVE MARBLE ALONG EDGE OF ALL TILE, AROUND THE EXGE OF FITTINGS, OUTLETS , DRAINS, AND SKIMMERS BY CHIPPING. REMOVE REMAINING MARBLE PLASTER BY HYDRO BLASTING. REMOVE EXISTING PLASTER BY CHIPPING ALONG THE EDGES OF ALL TILE, FITTINGS, DRAINS AND SKIMMERS. REMOVE EXISTING PLASTER BY HYDRO BLASTING. ANY PLASTER REMAINING ON TILES OR FIXTURES SHOULD BE REMOVED BY HAND TO LEAVE A SMOOTH FINISH.  
  
SEE SPECIFICATIONS FOR FINAL PREPARATION AND INSTALLATION OF NEW MARBLE PLASTER.
15. INSTALL POOL DEPTH MARKERS AND SWIM LINE TILE AS INDICATED ON SHT. PD 1.03.



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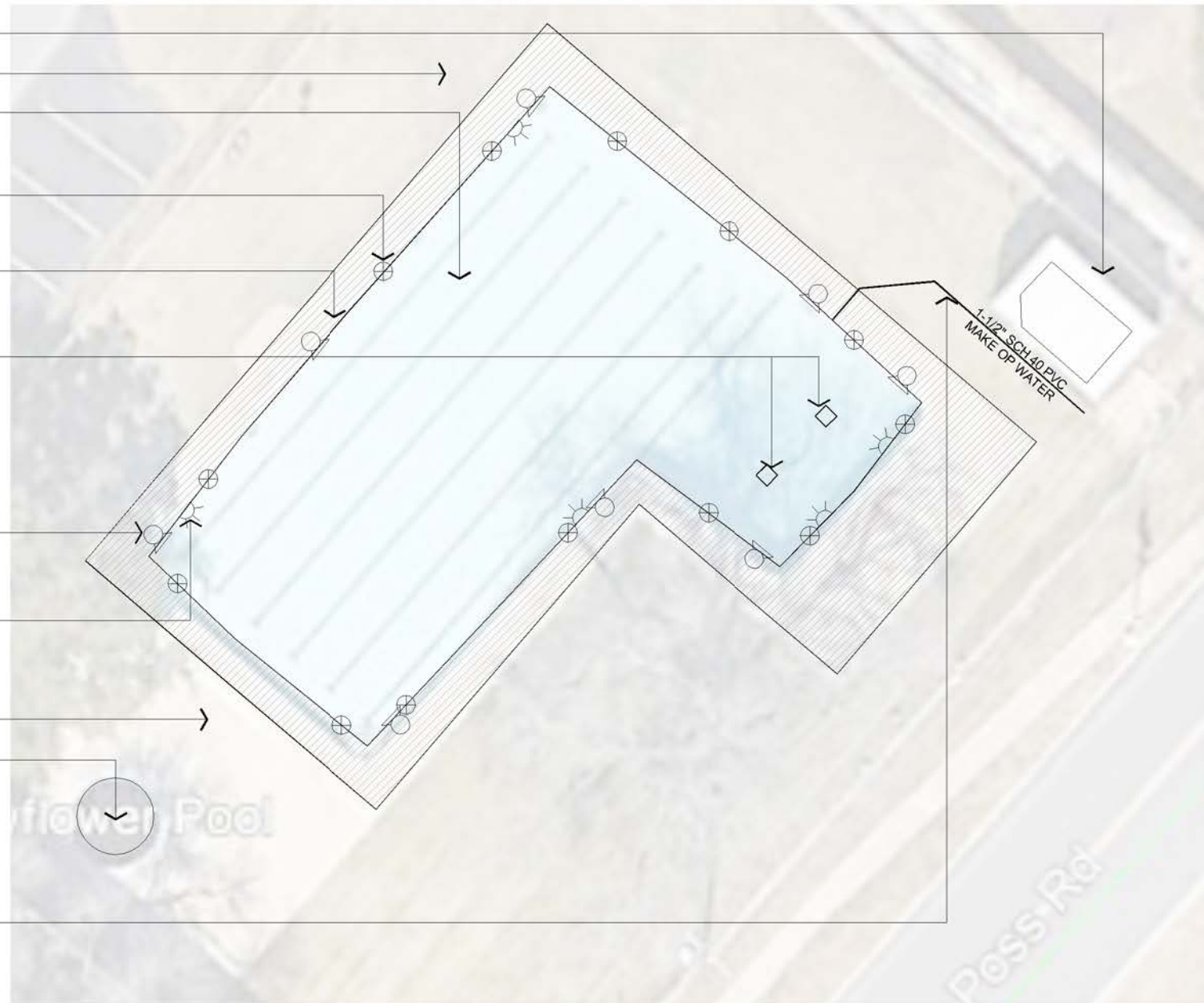
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GENERAL  
NOTES

**GN 1.03**

CONSTRUCTION\_DOCUMENTS




- EXISTING POOL EQUIPMENT.
- EXISTING POOL DECKING. SAW CUT AT EXISTING POOL SHELL JOINT. REF. DTL. SHTS.
- EXISTING POOL. REMOVE AND REPLACE COPING. EXISTING TILE TO BE REPAIRED OR REPLACED, TILE TO BE SUBMITTED FOR REVIEW PRIOR TO INSTALLATION. EXISTING PLASTER TO BE REMOVED AND REPLACED. REF. SPECIFICATIONS FOR FINISH.
- EXISTING POOL RETURN JET. REMOVE AND INSTALL 'WATERWAY' #215-9150 WITH EYEBALL #4001410C OR APPROVED EQUAL. REF. DTL. SHTS.
- EXISTING ADA LIFT CHAIR HOOKUP. REMOVE AND REPLACE EXISTING WATER LINE. NEW LINE TO BE LOCATED IN THE SAME LOCATION AS THE EXISTING LINE.
- EXISTING POOL DRAIN. REMOVE EXISTING COVER AND INSTALL EUREKA MANUFACTURING ANTI-ENTRAPMENT DRAIN COVER MODEL AV26X26. POOL DRAINS TO BE SAWCUT AND REMOVED TO WITHIN 12' OF POOL SHELL. CONTRACTOR WILL PRESSURE TEST AT THIS TIME TO CONFIRM IF DAMAGE EXISTS. IF LEAKING CONTRACTOR WILL EXCAVATE AND REMOVE LINES UNDER POOL AND REPLACE WITH SCH 40 PVC PIPE, INTERIOR DIA. TO MATCH EXISTING PIPE. IF LINES ARE REPLACED CONNECT TO FILTERS AND PUMPS.
- EXISTING POOL SKIMMER. REMOVE AND INSTALL SKIMMER AS MANUFACTURED BY WATERWAY OR APPROVED EQUAL.
- EXISTING POOL LIGHTING. REMOVE AND INSTALL PENTAIR INTELLIBRIGHT 5G COLOR LED UNDERWATER POOL LIGHT #601001. OR APPROVED EQUAL. REF. DTL. SHTS.
- EXISTING POOL DECKING. SAW CUT AND REMOVE AT EXPANSION JOINT. REF. DTL. SHTS.
- EXISTING WADING POOL. REF. SPECIFICATIONS FOR FINISH. REPLACE EXISTING DRAIN COVER AND INSTALL EUREKA MANUFACTURING ANTI-ENTRAPMENT DRAIN COVER MODEL AV20X20.
- POOL FILL LINE WITH HYDROSTEAM DIRECTIONAL FLOW INLET FITTING WITH 1-1/2" MIP THREAD, 1" OPENING, WHITE, MODEL# SPI419E BY 'HAYWARD' OR APPROVED EQUAL. REF. DTL. SHTS.



**SITE DEMOLITION NOTES:**

1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL MATERIAL, AS INDICATED ON PLANS TO BE REMOVED, OFF SITE TO AN APPROPRIATE DISPOSAL AREA.
2. THE CONTRACTOR IS RESPONSIBLE FOR BACKFILLING, TO AN APPROPRIATE GRADE WITH TOPSOIL AS PER THE SPECIFICATIONS, AND SEEDING ALL AREAS, AS PER THE SPECIFICATIONS, DISTURBED DURING THE DEMOLITION PROCESS THAT WILL NOT BE REPLACED WITH NEW HARDSCAPE OR PARK ELEMENTS.

**LEGEND:**

-  4 - EXISTING POOL LIGHTING. EXISTING WIRING TO PRESERVED AND REUSED WHERE POSSIBLE. REPLACE LIGHT FIXTURE WITH PENTAIR INTELLIBRIGHT 5G COLOR LED UNDERWATER POOL LIGHT #601001.
-  12 - EXISTING POOL RETURNS TO BE REMOVED AND INSTALL POOL RETURN AS MANUFACTURED BY 'WATERWAY' #215-9150 WITH EYEBALL #4001410C OR APPROVED EQUAL.
-  8 - EXISTING POOL SKIMMERS TO BE REMOVED AND INSTALL NEW SKIMMER AS MANUFACTURED BY WATERWAY OR APPROVED EQUAL.



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**SITE LAYOUT**

**SL 1.01**  
 CONSTRUCTION DOCUMENTS

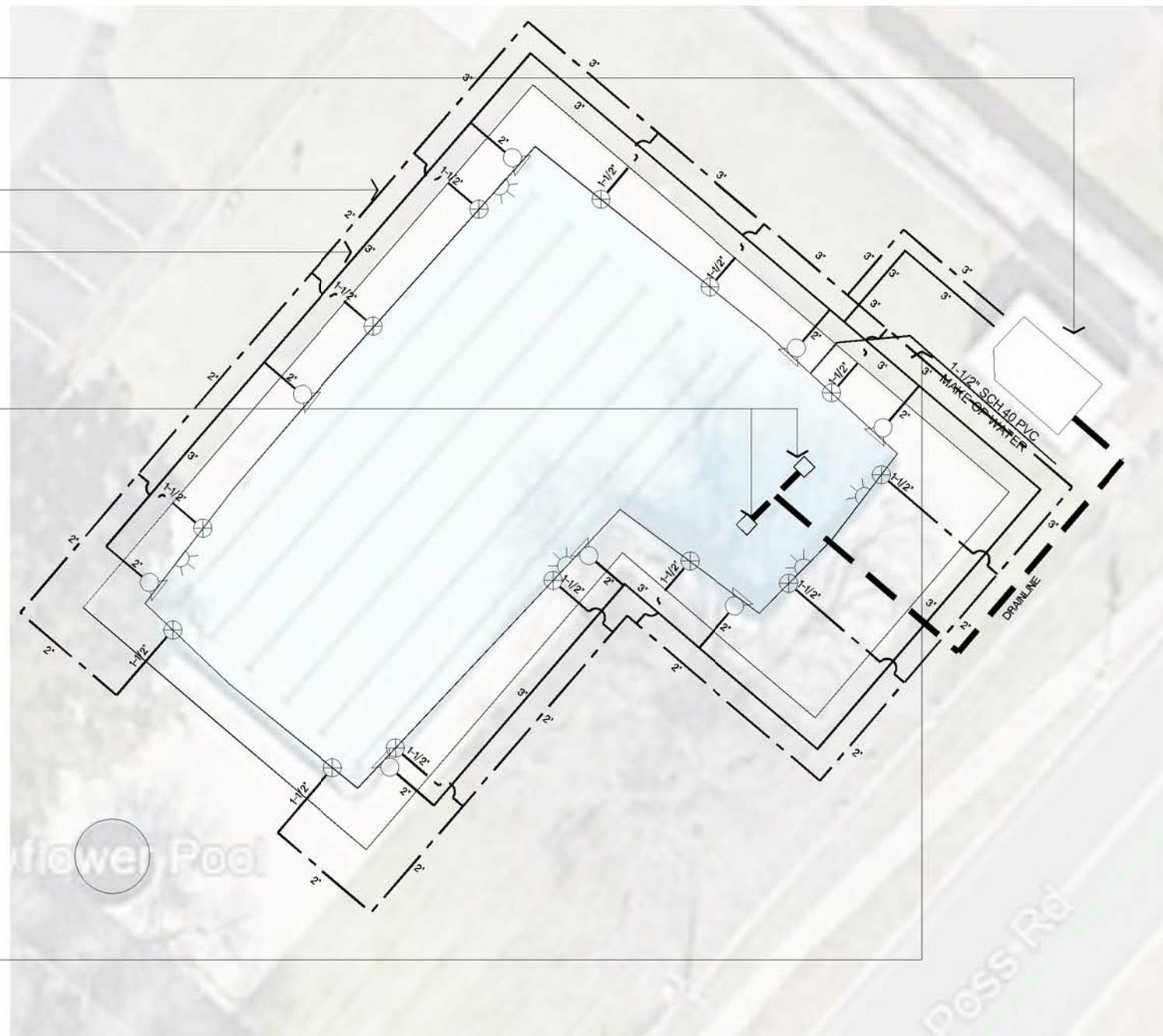
EXISTING POOL EQUIPMENT. CUT EXISTING POOL LINES 2'-0" FROM EQUIPMENT ROOM.  
 CONNECT NEW POOL LINES TO THE EXISTING LINES ONLY IF THE EXISTING LINES ARE IN  
 GOOD CONDITION. IF THE EXISTING POOL LINES TO THE EQUIPMENT ROOM ARE DAMAGED  
 PLEASE CONTACT PROJECT MANAGER.

SCH. 40 PVC WATERLINES TO POOL INLETS, SIZES AS INDICATED. RUN WATERLINES TO  
 AVOID PAVING WHERE POSSIBLE. (TYP.)



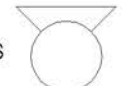
SCH. 40 PVC DRAIN LINES TO POOL SKIMMERS, SIZES AS INDICATED. RUN WATERLINES  
 TO AVOID PAVING WHERE POSSIBLE. (TYP.)

EXISTING POOL DRAIN. REMOVE EXISTING COVER AND INSTALL EUREKA MANUFACTURING  
 ANTI-ENTRAPMENT DRAIN COVER MODEL AV26X26. POOL DRAINS TO BE SAWCUT AND  
 REMOVED TO WITHIN 12' OF POOL SHELL. CONTRACTOR WILL PRESSURE TEST AT THIS TIME  
 TO CONFIRM IF DAMAGE EXISTS. IF LEAKING CONTRACTOR WILL EXCAVATE AND REMOVE  
 LINES UNDER POOL AND REPLACE WITH SCH 40 PVC PIPE, INTERIOR DIA. TO MATCH  
 EXISTING PIPE. IF LINES ARE REPLACED CONNECT TO FILTERS AND PUMPS.

POOL FILL LINE WITH HYDROSTEAM DIRECTIONAL FLOW INLET FITTING WITH 1-1/2" MIP  
 THREAD, 1" OPENING, WHITE, MODEL# SPI419E BY 'HAYWARD' OR APPROVED EQUAL. REF.  
 DTL. SHT5.



**LEGEND:**

- EXISTING POOL LIGHT  4 - EXISTING POOL LIGHTING. EXISTING WIRING TO PRESERVED AND REUSED WHERE POSSIBLE. REPLACE LIGHT FIXTURE WITH PENTAIR INTELLIBRIGHT 5G COLOR LED UNDERWATER POOL LIGHT #601001.
- EXISTING POOL JETS  12 - EXISTING POOL RETURNS TO BE REMOVED AND INSTALL POOL RETURN AS MANUFACTURED BY 'WATERWAY' #215-9150 WITH EYEBALL #4001410C OR APPROVED EQUAL.
- EXISTING POOL SKIMMERS  8 - EXISTING POOL SKIMMERS TO BE REMOVED AND INSTALL NEW SKIMMER AS MANUFACTURED BY WATERWAY OR APPROVED EQUAL.



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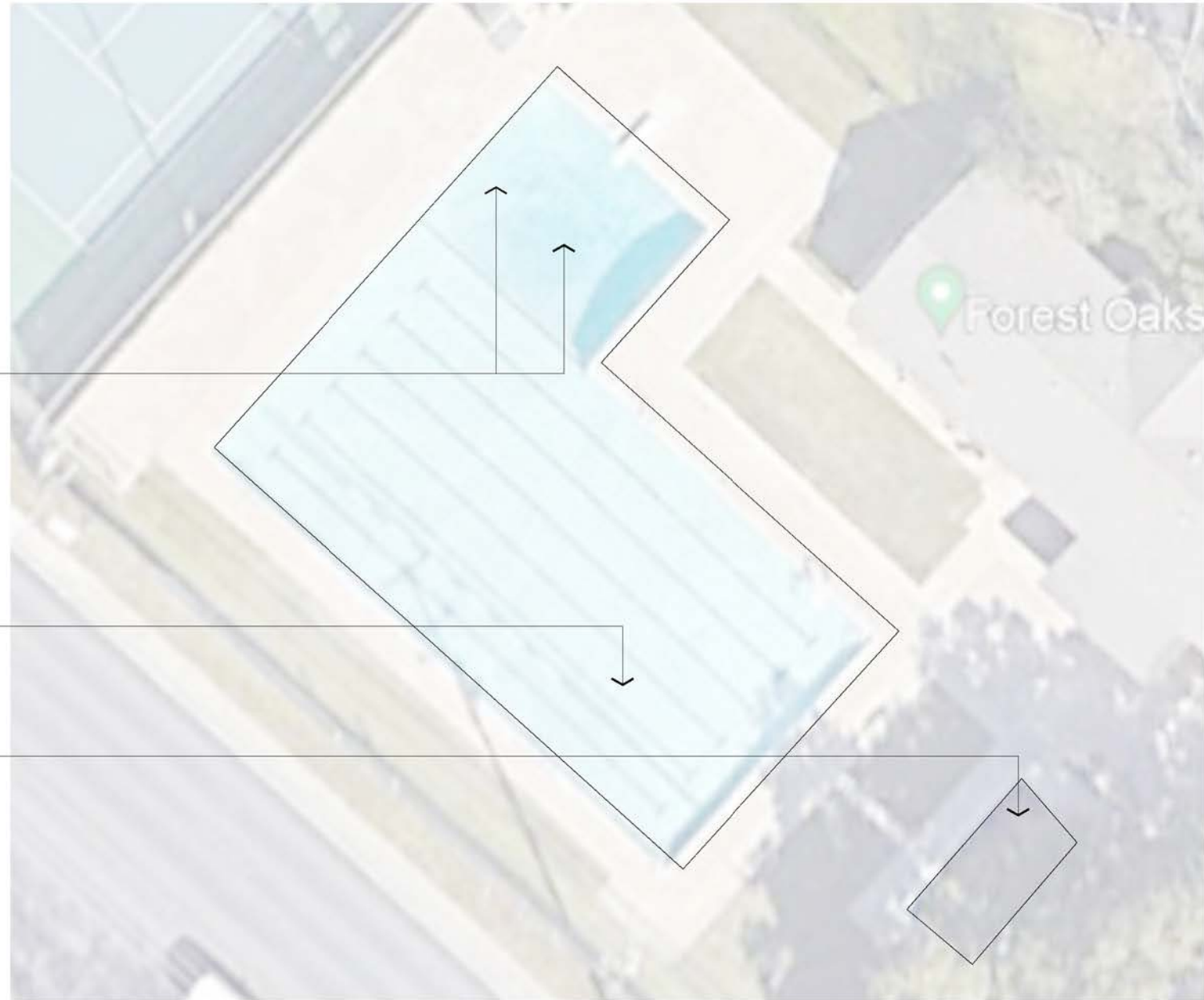
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**SITE LAYOUT**

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 CONSTRUCTION DOCUMENTS



EXISTING POOL DRAIN. REMOVE EXISTING COVER AND INSTALL EUREKA MANUFACTURING ANTI-ENTRAPMENT DRAIN COVER MODEL AV26X26.

EXISTING POOL.

WADING POOL. REF. SPECIFICATIONS FOR FINISH. REPLACE EXISTING DRAIN COVER AND INSTALL EUREKA MANUFACTURING ANTI-ENTRAPMENT DRAIN COVER MODEL AV20X20.



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**CITY OF LEON  
 VALLEY POOLS  
 FOREST OAKS  
 POOL**

6620 FOREST GROVE  
 SAN ANTONIO, TX 78240

REVISION	DATE



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**SITE LAYOUT**

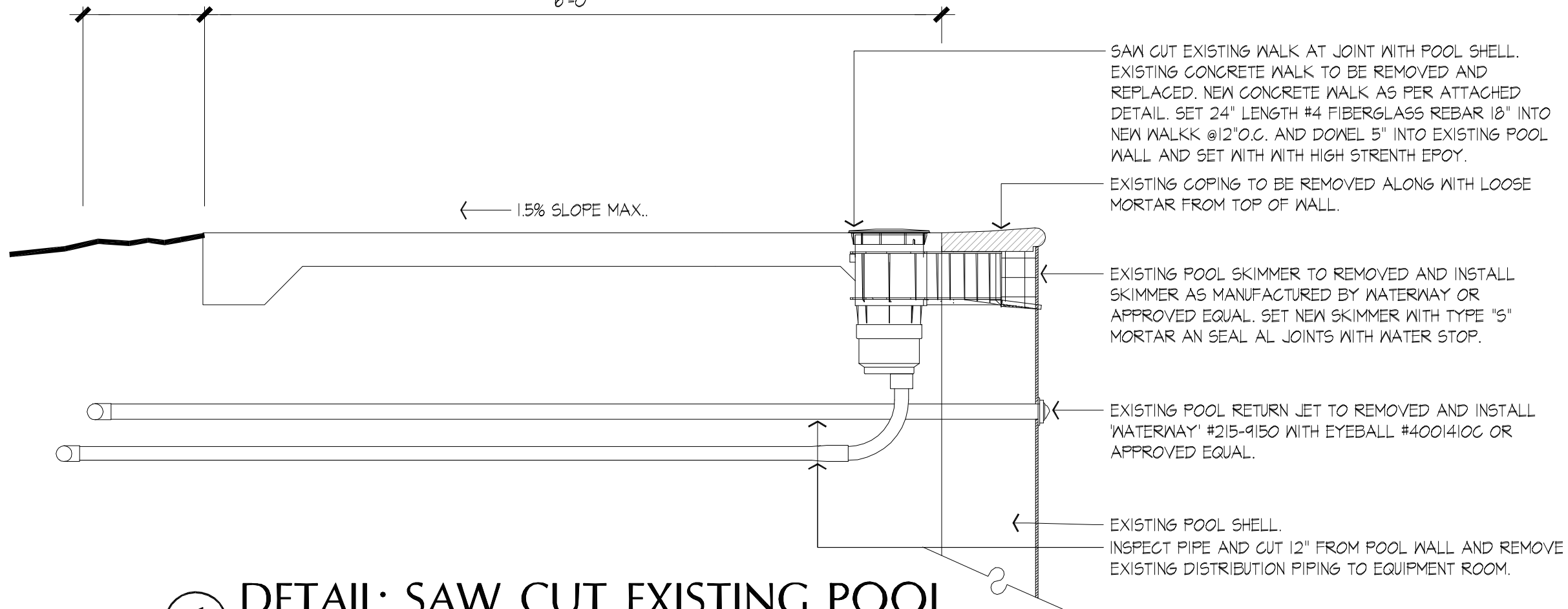
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CONSTRUCTION\_DOCUMENTS

ALL PIPING  
MIN. 12"  
CLEAR OF WALK

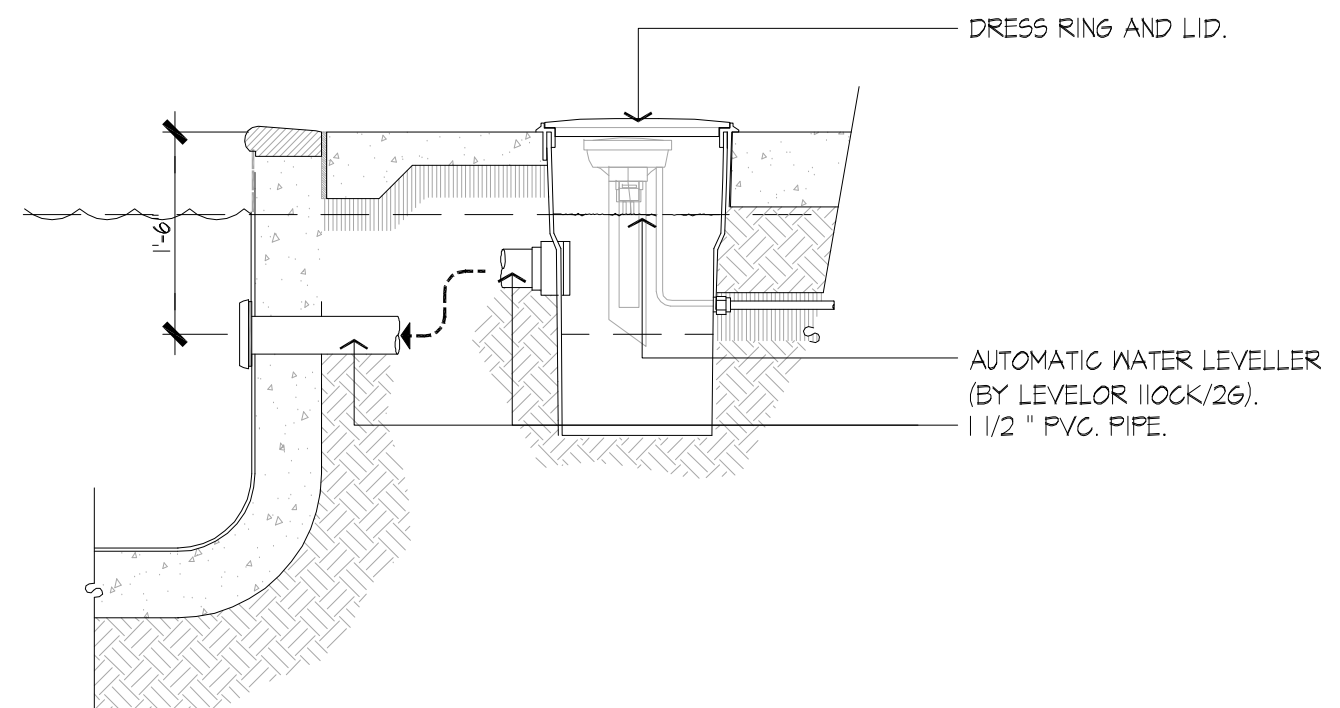
6'-0"

← 1.5% SLOPE MAX..



- SAW CUT EXISTING WALK AT JOINT WITH POOL SHELL. EXISTING CONCRETE WALK TO BE REMOVED AND REPLACED. NEW CONCRETE WALK AS PER ATTACHED DETAIL. SET 24" LENGTH #4 FIBERGLASS REBAR 18" INTO NEW WALK @ 12" O.C. AND DOWEL 5" INTO EXISTING POOL WALL AND SET WITH HIGH STRENGTH EPOXY.
- EXISTING COPING TO BE REMOVED ALONG WITH LOOSE MORTAR FROM TOP OF WALL.
- EXISTING POOL SKIMMER TO BE REMOVED AND INSTALL SKIMMER AS MANUFACTURED BY WATERWAY OR APPROVED EQUAL. SET NEW SKIMMER WITH TYPE "S" MORTAR AND SEAL ALL JOINTS WITH WATER STOP.
- EXISTING POOL RETURN JET TO BE REMOVED AND INSTALL 'WATERWAY' #215-9150 WITH EYEBALL #4001410C OR APPROVED EQUAL.
- EXISTING POOL SHELL.
- INSPECT PIPE AND CUT 12" FROM POOL WALL AND REMOVE EXISTING DISTRIBUTION PIPING TO EQUIPMENT ROOM.

**1** DETAIL: SAW CUT EXISTING POOL  
Scale: N.T.S.



- DRESS RING AND LID.
- AUTOMATIC WATER LEVELLER (BY LEVELOR 110CK/26).
- 1 1/2" PVC PIPE.

**2** SECTION: POOL AUTOMATIC WATER LEVELER  
Scale: N.T.S.



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3/10/2023

**CITY OF LEON  
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STRAWFLOWER  
POOL**  
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SAN ANTONIO, TX 78238

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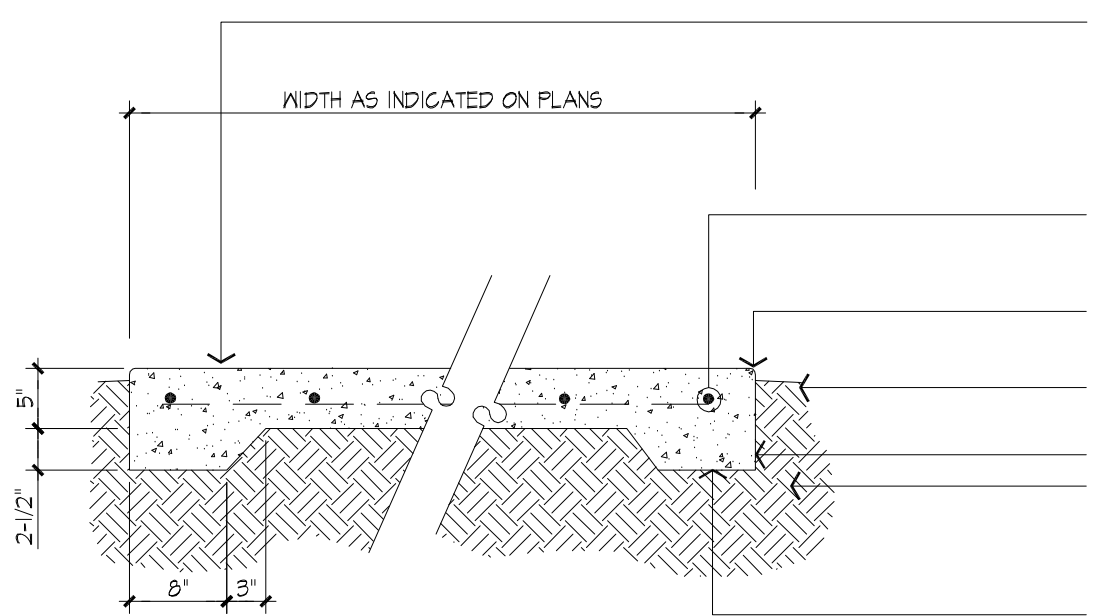
**POOL DETAILS**

**PD 1.01**  
CONSTRUCTION DOCUMENTS



**NOTES:**

1. ACCEPTABLE MATERIAL FOR FORMS: 2" NOMINAL THICKNESS LUMBER, 1" NOMINAL THICKNESS LUMBER, 3/4" THICKNESS EXTERIOR PLYWOOD OR STEEL FORMS. KERF 2" LUMBER TO FORM SMOOTH CURVES. 1" LUMBER AND 3/4" PLYWOOD MAY NOT NEED TO BE KERFED.
2. MATERIALS NOT ACCEPTED FOR FORMS: MASONITE, PARTICLE BOARD, CHIP BOARD, OR "HARDI" TYPE MATERIAL.

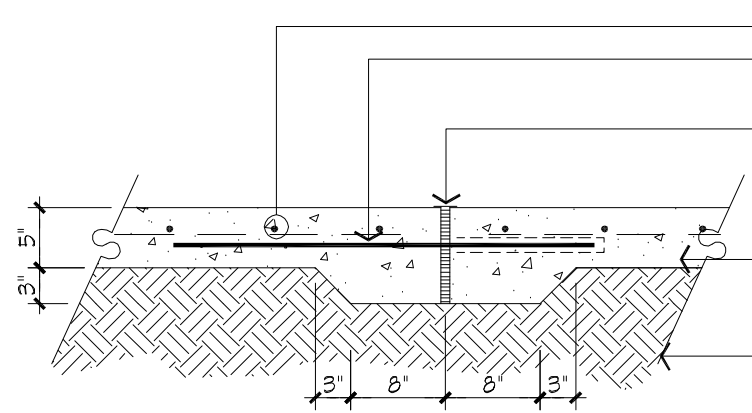


CONCRETE 3,000 PSI AT 28 DAYS WITH 1/2" RADIUS X 1/2" DEEP SCORE JOINTS AT WIDTH OF WALK, EXPANSION JOINTS AT 50'-0" O.C. OR AS SHOWN ON PLANS, MEDIUM BROOM FINISH. TEST PANEL TO BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO FINAL PLACEMENT.

STRUCTURAL MATT, #3 REBAR AT 12" O.C.E.W., CENTER IN 5" WALK DEPTH. PROVIDE 2" COVERAGE OF STRUCTURAL MATT ON ALL SIDES. 1/2" RADIUS (TYP.).

FINISH GRADE 1" BELOW TOP OF CONCRETE. PROVIDE A SMOOTH TRANSITION TO EXISTING GRADE. FORM TO 7-1/2" DEPTH AT ALL EDGES OF PAVEMENT. SOIL COMPACTED TO 95% S.P.D. UNDER TRAIL. SHOULDER AND ALL ADDITIONAL NON-STRUCTURAL FILL MATERIAL TO BE COMPACTED IN LIFTS AS PER SPECIFICATIONS TO 85% S.P.D. PERIMETER BEAM, CONTINUOUS AT ALL EDGES OF PAVEMENT.

**1 SECTION: CONCRETE WALK/PAD**  
Scale: 3/4" = 1'-0"



#3 REBAR AT 12" O.C.E.W.

#4 X 30" SMOOTH BAR AT 18" O.C. WITH SLEEVE AT ONE END, CENTER IN CONCRETE.

1/2" ASPHALTIC FIBER. LOCATE EXPANSION JOINTS AT 30'-0" O.C. UNLESS OTHERWISE INDICATED ON THE PLAN. SEAL JOINT WITH ELASTOMETRIC JOINT SEALER TO MATCH PAVING COLOR.

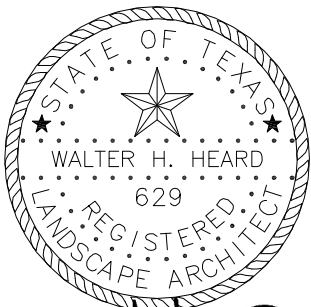
CONCRETE WALK. REF. DTL. 1/DT 1.01.

UNDISTURBED SOIL OR FILL PLACED IN 6" LIFTS AND COMPACTED TO 95% S.P.D.

**2 SECTION: EXPANSION JOINT**  
Scale: 3/4" = 1'-0"



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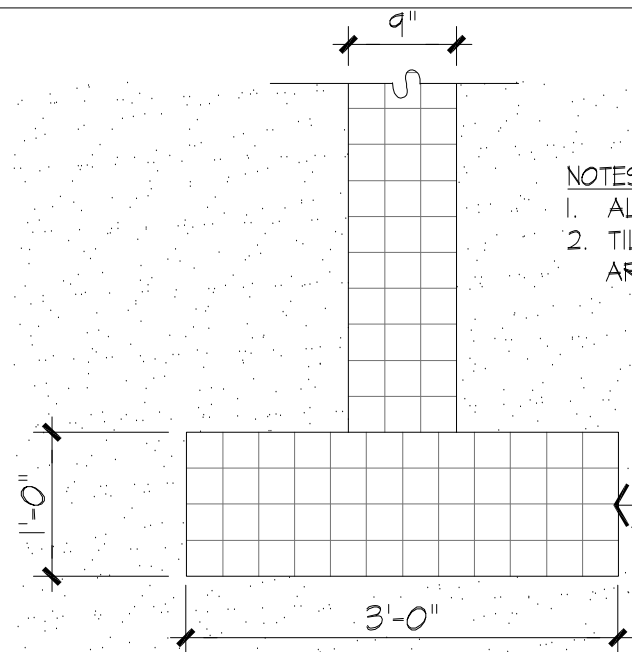
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**POOL DETAILS**

**PD 1.02**  
CONSTRUCTION DOCUMENTS



**NOTES:**

1. ALL TILE TO BE FLUSH WITH POOL FINISH.
2. TILE TO BE SELECTED BY LANDSCAPE ARCHITECT.

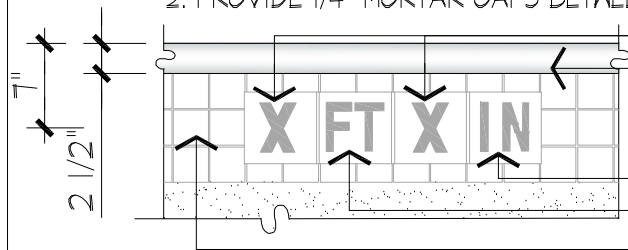
TILE TO MATCH EXISTING, REPAIR OR REPLACE. SUBMIT TILE FOR APPROVAL PRIOR TO INSTALLATION.

# 1 PLAN: SWIM LANE TILE

Scale: 3/4" = 1'-0"

**NOTES:**

1. ALL DEPTH MARKER TILES TO BE CERAMIC WITH 4" TOP PRINT TEXT BY INLAY, INC. OR APPROVED EQUAL. TILE SIZES AND MODEL NUMBERS AS INDICATED.
2. PROVIDE 1/4" MORTAR GAPS BETWEEN ALL TILES.



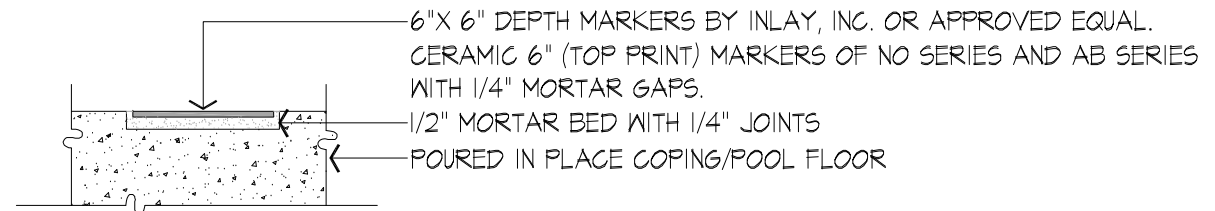
6" X 6" TILE, MODEL# AS INDICATED ON SHT. PD 1.03.  
POURED IN PLACE (FORMED EDGE) COPING. REF. DTLS. 3-4/SHT. PD 1.01.

6" X 6" TILE, MODEL# CCT613505.  
6" X 6" TILE, MODEL# CCT613500.

THREE ROWS OF 3" TILE AS BY MASTER TILE-MAS CRB 61 OR APPROVED EQUAL. TILE TO BE SET WITH THIN SET GROUT. GUNITE AS PER SPECIFICATIONS. (TYP).

# 2 ELEVATION: POOL DEPTH MARKER

Scale: 3/4" = 1'-0"

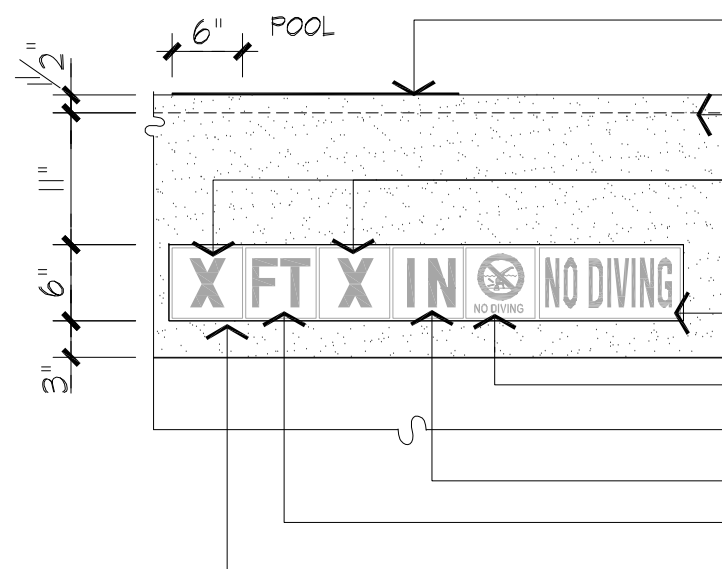


# 3 SECTION: DECK DEPTH MARKER

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

**NOTES:**

1. ALL DEPTH MARKER TILES TO BE CERAMIC WITH 4" TOP PRINT TEXT BY INLAY, INC. OR APPROVED EQUAL. TILE SIZES AND MODEL NUMBERS AS INDICATED.
2. PROVIDE 1/4" MORTAR JOINT BETWEEN ALL TILES.



POOL DECK DEPTH MARKERS LOCATED PARALLEL TO DEPTH MARKERS IN POOL.

FACE OF POOL WALL BEYOND.

6" X 6" TILE, MODEL# AS INDICATED ON SHEET P 1.03. (TYP.).

POURED IN PLACE (FORMED EDGE) COPING.  
6" X 6" NO DIVING, 4 TILE-INLAY, MODEL# CCT612000.

6" X 6" NO DIVING INTERNATIONAL SYMBOL TILE-INLAY C621700 OR APPROVED EQUAL.

6" X 6" TILE, MODEL# CCT613505.

6" X 6" TILE, MODEL# CCT613500.

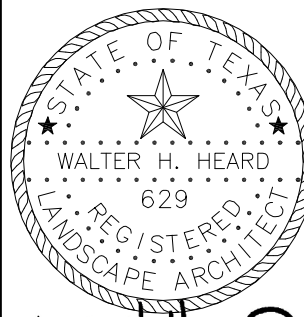
EXPANSION JOINT.

# 4 PLAN: DECK DEPTH MARKER

Scale: 3/4" = 1'-0"



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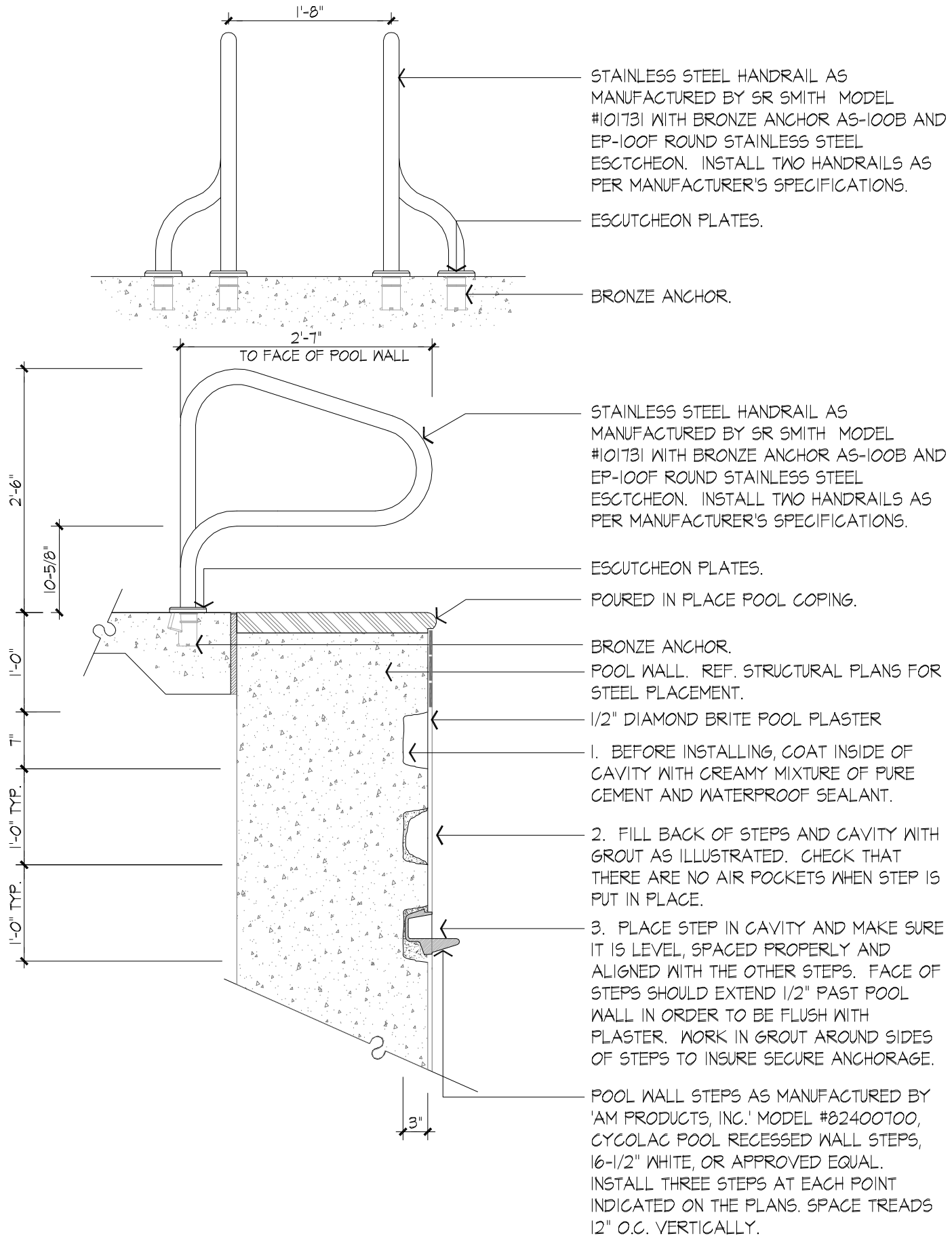
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POOL DETAILS

PD 1.03

CONSTRUCTION DOCUMENTS



STAINLESS STEEL HANDRAIL AS MANUFACTURED BY SR SMITH MODEL #101731 WITH BRONZE ANCHOR AS-100B AND EP-100F ROUND STAINLESS STEEL ESCUTCHEON. INSTALL TWO HANDRAILS AS PER MANUFACTURER'S SPECIFICATIONS.

ESCUTCHEON PLATES.

BRONZE ANCHOR.

STAINLESS STEEL HANDRAIL AS MANUFACTURED BY SR SMITH MODEL #101731 WITH BRONZE ANCHOR AS-100B AND EP-100F ROUND STAINLESS STEEL ESCUTCHEON. INSTALL TWO HANDRAILS AS PER MANUFACTURER'S SPECIFICATIONS.

ESCUTCHEON PLATES.

POURED IN PLACE POOL COPING.

BRONZE ANCHOR.

POOL WALL. REF. STRUCTURAL PLANS FOR STEEL PLACEMENT.

1/2" DIAMOND BRITE POOL PLASTER

1. BEFORE INSTALLING, COAT INSIDE OF CAVITY WITH CREAMY MIXTURE OF PURE CEMENT AND WATERPROOF SEALANT.

2. FILL BACK OF STEPS AND CAVITY WITH GROUT AS ILLUSTRATED. CHECK THAT THERE ARE NO AIR POCKETS WHEN STEP IS PUT IN PLACE.

3. PLACE STEP IN CAVITY AND MAKE SURE IT IS LEVEL, SPACED PROPERLY AND ALIGNED WITH THE OTHER STEPS. FACE OF STEPS SHOULD EXTEND 1/2" PAST POOL WALL IN ORDER TO BE FLUSH WITH PLASTER. WORK IN GROUT AROUND SIDES OF STEPS TO INSURE SECURE ANCHORAGE.

POOL WALL STEPS AS MANUFACTURED BY 'AM PRODUCTS, INC.' MODEL #82400700, CYCOLAC POOL RECESSED WALL STEPS, 16-1/2" WHITE, OR APPROVED EQUAL. INSTALL THREE STEPS AT EACH POINT INDICATED ON THE PLANS. SPACE TREADS 12" O.C. VERTICALLY.

**1 SECTION: SWIM LADDER**  
Scale: 3/4" = 1'-0"



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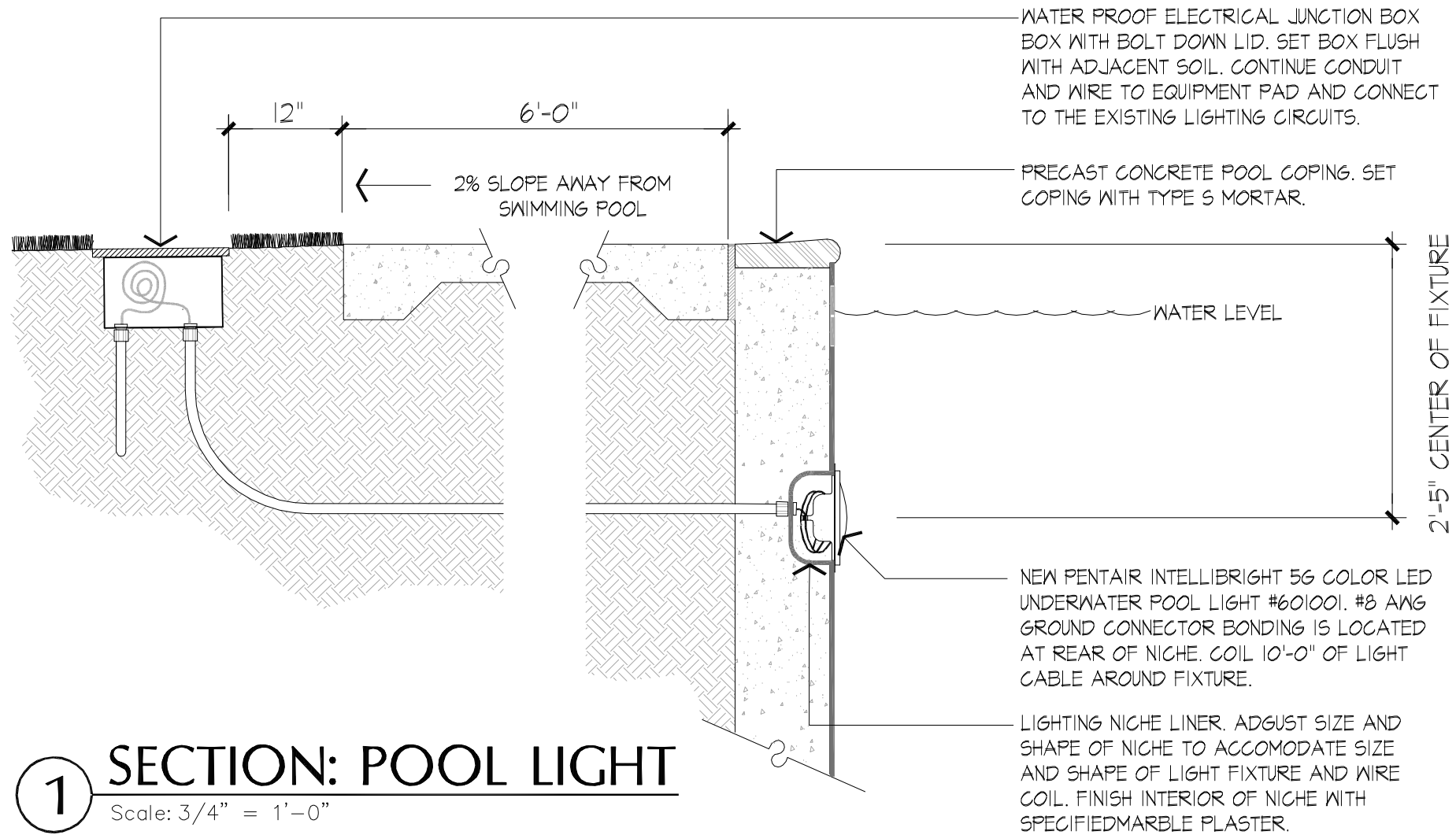
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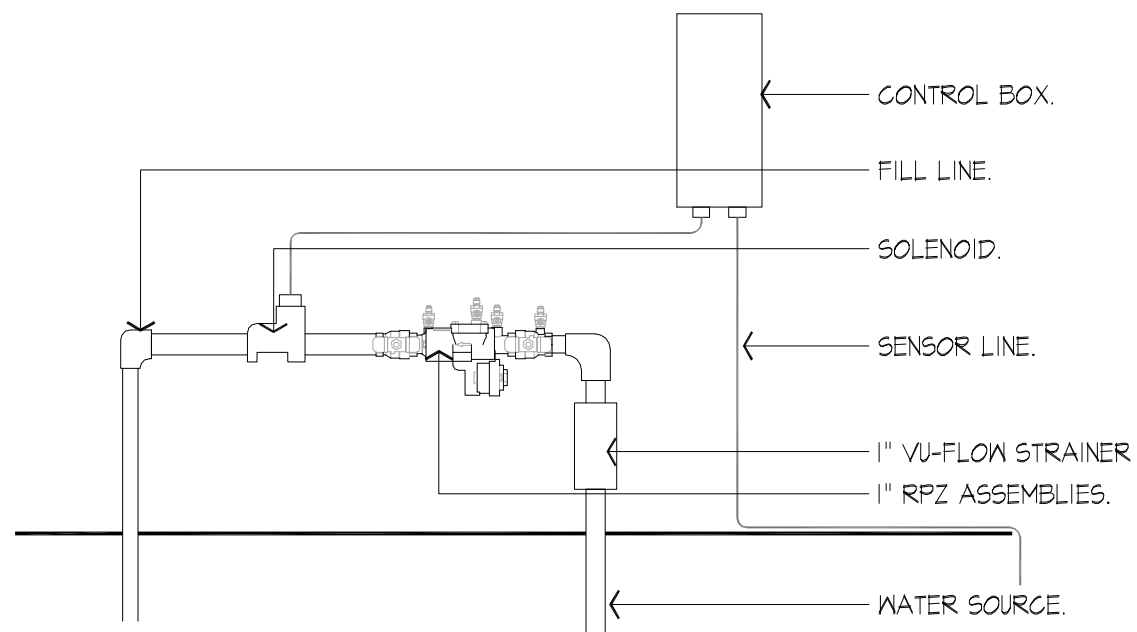
**POOL DETAILS**

**PD 1.04**

CONSTRUCTION DOCUMENTS



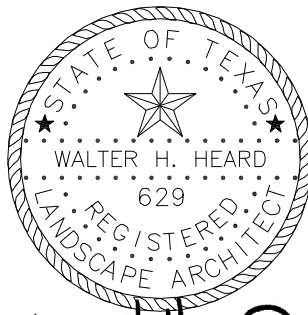
**1 SECTION: POOL LIGHT**  
Scale: 3/4" = 1'-0"



**2 ELEVATION: WATER SENSOR INSTALLATION**  
Scale: 3/4" = 1'-0"



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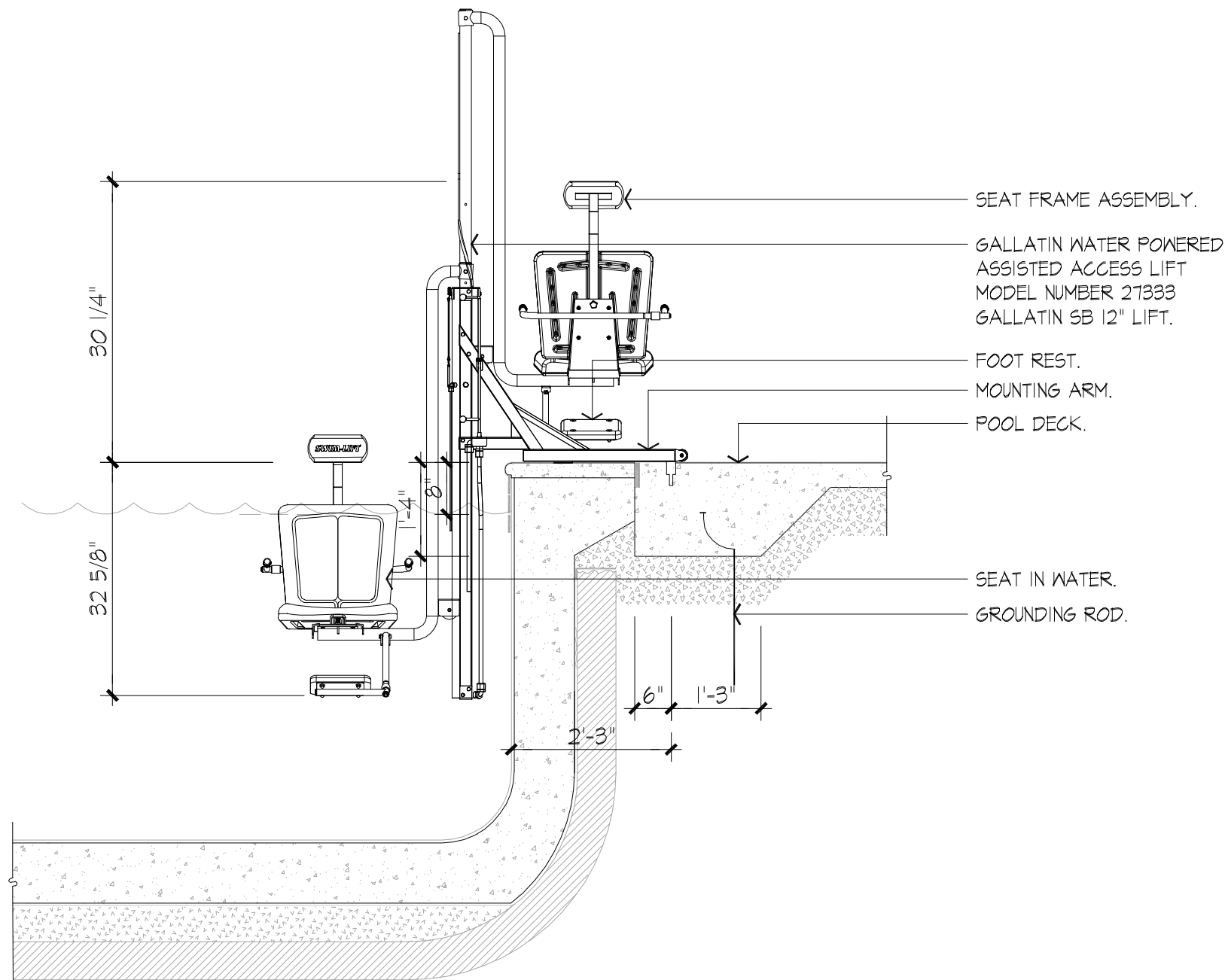
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**POOL DETAILS**

**PD 1.05**

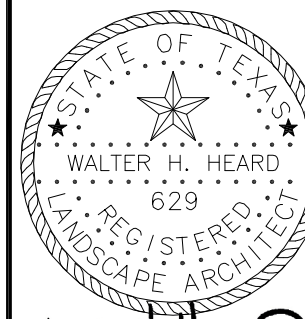
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**1 SECTION: POOL LIFT**  
 Scale: 1/2" = 1'-0"



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**PD 1.06**

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