

# @ HIGHLAND SWIMMING POOL

1 SMART WAY,  
BATON ROUGE, LA 70810

PUMP SCHEDULE											
MARK	DESCRIPTION	MAXIMUM CAPACITY		OPERATING POINT		HORSEPOWER	NSF LISTED	VOLTAGE	FREQUENCY	SPEED	PUMP MODEL
		FLOWRATE (GPM)	TDH (FT)	FLOWRATE (GPM)	TDH (FT)						
P-1	RECIRCULATION PUMP	170	25	77	29	3.0	YES	208-230V - 1P	50-60 Hz	3450 RPM	PENTAIR INTELLIFLO3

NOTE: FURNISH RS-485 AUTOMATION WIRING KIT (P/N 356324Z - BLACK) AND A 4-20mA FLOWMETER (P/N 97014-4203KIT) FOR EACH PUMP TO OPERATE PUMPS IN CONSTANT FLOW MODE.

FILTER SCHEDULE						
MARK	NO. OF FILTERS	CONFIGURATION	FILTER AREA SF	MAXIMUM FLOWRATE (GPM)	NSF LISTED	FILTER MODEL
SF-1	1	SINGLE	7.06	140	YES	PENTAIR TR-140C

NOTE: EACH FILTER SHALL BE PROVIDED WITH INFLUENT AND EFFLUENT PRESSURE GAUGES WITH 2" FACE DIAMETER READING 0-60 PSI AND A SITE GLASS ON THE BACKWASH LINE.

NOTE: EACH FILTER SHALL BE PROVIDED WITH INFLUENT AND EFFLUENT PRESSURE GAUGES WITH 2" FACE DIAMETER READING 0-60 PSI AND A SITE GLASS ON THE BACKWASH LINE.

CHLORINATOR SCHEDULE				
MARK	CAPACITY (LB)	MAXIMUM OUTPUT (LB/HR)	NSF LISTED	MODEL
CF-1	25	1.5	YES	VERSA-CHLOR SYSTEM I(a)

**NOTE: POOL MAINTENANCE CONTRACTOR SHALL MAINTAIN CYANURIC ACID LEVELS FOR CHLORINE STABILIZER.**

ACID FEEDER SCHEDULE				
MARK	CAPACITY (LB)	MAXIMUM OUTPUT (GAL/DAY)	NSF LISTED	MODEL
CF-1	N/A	22	YES	STENNER 45M3

## **CHEMICAL CONTROLLER/TANK SCHEDULE**

MARK	NSF LISTED	MODEL
CC-1	YES	HAYWARD CAT2000 OR CHEMTROL 250
CT-1	YES	STENNER STS30 GRAY

MAIN DRAIN SCHEDULE							
MARK	MAXIMUM FLOWRATE (GPM)	DISCHARGE LINE SIZE (DIA. IN.)	MINIMUM SUMP DEPTH	OPEN AREA (SQ.IN.)	SUMP MODEL NUMBER	APPROVALS	DRAIN COVER MODEL
D-1	230	3"	3"	90.8	FIELD BUILT	ANSI/APSP 16-2017	AQUASTAR WAV12WR101

AUTOFILL DEVICE SCHEDULE			
MARK	WATERLINE SIZE	CONFIGURATION	MODEL
AF-1	1"	DISCHARGE TO STAND PIPE VIA AIR GAP	JANDY LEVOLOR K1100

POOL FINISH SCHEDULE			
DESCRIPTION	SIZE	MODEL/COLOR	NOTES
WATERLINE TILE	6" X 6"	OWNER SELECTED	GLAZED
TILE EDGES OF STEPS, BENCHES, AND TANNING LEDGES	2" X 2"	OWNER SELECTED	SLIP-RESISTANT, DARK AND CONTRASTING COLOR
SWIMMING POOL PLASTER	N/A	OWNER SELECTED	MUNSELL COLOR GREATER THAN 6.5

MISC. EQUIPMENT SCHEDULE	
DESCRIPTION	MODEL
WALL INLETS (3/4" ADJUSTABLE)	PENTAIR 540035
FLOOR INLETS (ADJUSTABLE)	PENTAIR 08417
SURFACE SKIMMERS	PENTAIR BERMUDA
EQUALIZER COVER	AQUASTAR 6HP101
UNDERWATER POOL LIGHTS	PENTAIR GLOBRITE (WHITE LED)
PVC PIPING	SCHEDULE 40 NSF 61
ADA CHAIRLIFT	AXS2 CHAIRLIFT
HANDRAILS	S.R. SMITH 2-BEND 1.90" O.D.

LIFE SAVING EQUIPMENT SCHEDULE	
DESCRIPTION	MODEL
SHEPERD'S HOOK WITH 16'-0" POLE	1 - BY CONTRACTOR
18" Ø RING WITH 50'-0" WITH 1/4"Ø ROPE	1 - BY POOL CONTRACTOR
POOL RULES SIGN	2 - BY OWNER EACH ENTRANCE
EMERGENCY TELEPHONE	1 - BY GENERAL CONTRACTOR
EMERGENCY CUT-OFF BUTTON	1 - BY GENERAL CONTRACTOR

**NOTES:**

ALL LIFE-SAVING EQUIPMENT SHALL BE LOCATED IN A CONSPICUOUS AREA WITHIN THE POOL AREA ENCLOSURE. EMERGENCY CUTOFF SHALL BE INTERLOCKED WITH SWIMMING POOL EQUIPMENT PANEL AND SHALL KILL POWER TO ALL POOL EQUIPMENT ROOM WHEN ACTIVATED.

EMERGENCY TELEPHONE WITH CONTACT NUMBERS FOR EMERGENCY SERVICES SHALL BE PROVIDED IN THE POOL AREA ENCLOSURE.

© HIGHI AND SWIMMING POOL

1 SMART WAY,  
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SEAL

## @ HIGHLAND SWIMMING POOL

## EQUIPMENT SCHEDULES

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Project number SF-23-915

Date 12.15.2023

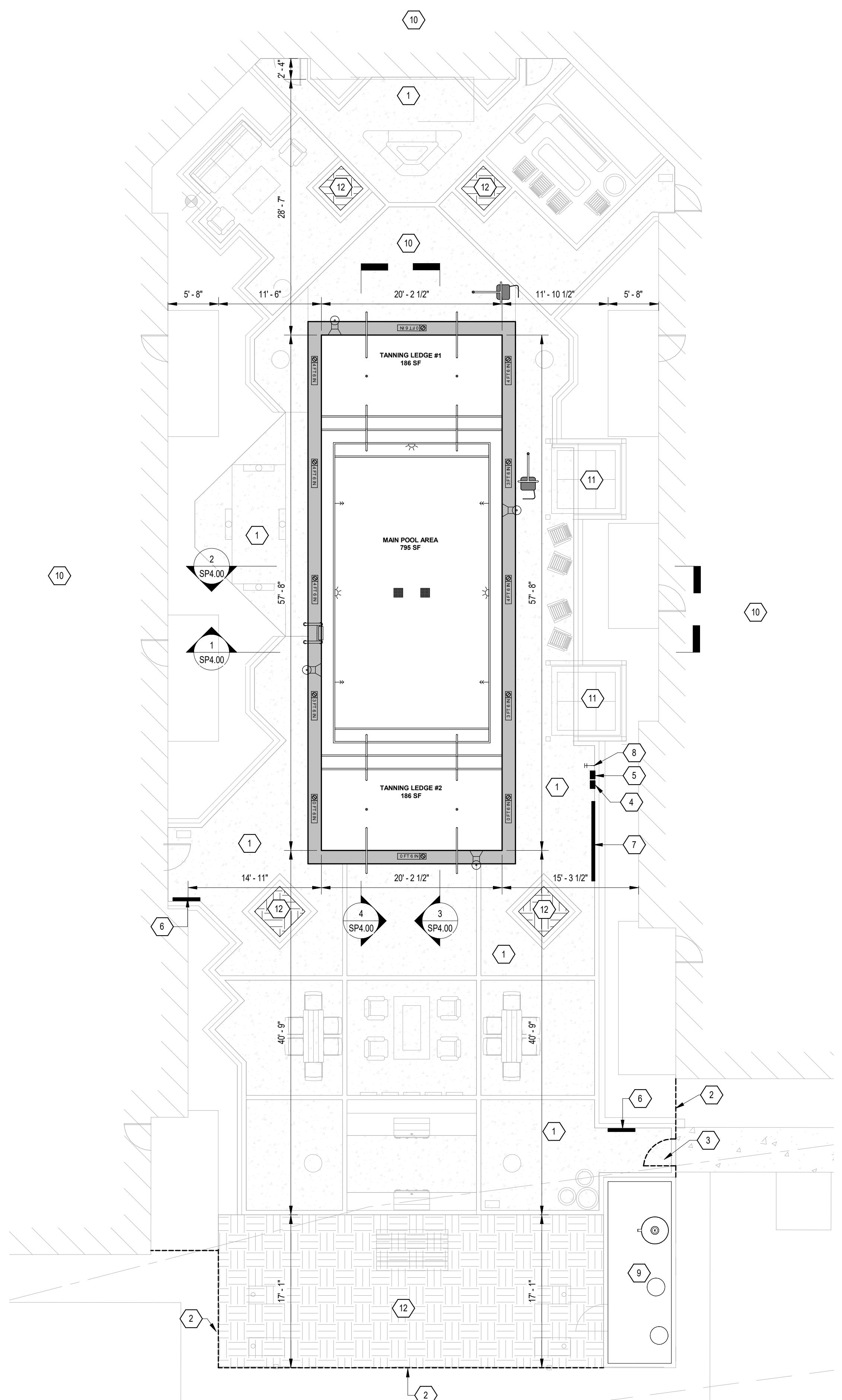
Drawn by RD

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SP1 00



@ HIGHLAND SWIMMING POOL


 1 SWIMMING POOL SITE LAYOUT  
1/8" = 1'-0"

**KEYNOTE LEGEND**

- 1 SLIP-RESISTANT/EASILY CLEANABLE POOL DECK. SLOPE 2% MAX. AWAY FROM POOL. RE: LANDSCAPE
- 2 MINIMUM 4'-0" TALL FENCE TO FULLY ENCLOSE POOL AREA BY OTHERS. RE: LANDSCAPE
- 3 GATE WITH SELF-CLOSING AND SELF-LATCHING MECHANISM. RE: LANDSCAPE
- 4 EMERGENCY PHONE WITH POSTED NAMES AND NUMBERS OF EMERGENCY SERVICES. PROVIDED BY GENERAL CONTRACTOR.
- 5 EMERGENCY STOP BUTTON. POOL CONTRACTOR TO PROVIDE AND GENERAL CONTRACTOR TO WIRE AND TERMINATE.
- 6 SWIMMING POOL RULES AND HOURS SIGN PROVIDED BY OWNER AND INSTALLED BY GENERAL CONTRACTOR.
- 7 SWIMMING POOL SAFETY EQUIPMENT MOUNTING LOCATION. REFER TO SP1.00 FOR SCHEDULE OF EQUIPMENT.
- 8 HOSE BIB WITH VACUUM BREAKER FOR DECK CLEANING.
- 9 POOL EQUIPMENT AREA. RE: SP6.00 FOR DETAILED LAYOUT.
- 10 BUILDING. REF: ARCHITECTURAL
- 11 PAVILION/ARBOR STRUCTURE. RE: LANDSCAPE
- 12 GREENSPACE. RE: LANDSCAPE

**GENERAL POOL NOTES:**

SWIMMING POOL DECK FOR THIS PROJECT SHALL BE SLIP-RESISTANT AND EASILY CLEANABLE. REFER TO ARCHITECTURAL/LANDSCAPE DRAWINGS FOR SPECIFICATIONS.

ALL POOL DECKS SHALL SLOPE 2% AWAY FROM THE POOL IN ALL DIRECTIONS TO PREVENT STANDING WATER.

MINIMUM OF 4'-0" OF UNOBSTRUCTED DECK AREA SHALL BE MAINTAINED AROUND THE ENTIRE PERIMETER OF THE POOL.

WALKWAYS SHALL BE PROVIDED TO ALL ACCESSIBLE SANITARY FACILITIES.

MAXIMUM VERTICAL CLEARANCE OF 7'-0" REQUIRED FOR ALL PORTIONS OF THE SWIMMING POOL DECK.

REFER TO CIVIL LANDSCAPE DRAWINGS FOR GRADING AND SUBSURFACE DRAINAGE ROUTING.

LAYOUT SHOWN FOR GENERAL DESIGN INTENT AND CODE COMPLIANCE ONLY. CONTRACTOR SHALL COORDINATE THE SWIMMING POOL DRAWINGS WITH ALL OTHER DRAWINGS.

SWIMMING POOL RULES SIGN SHALL BE PROVIDED IN THE IMMEDIATE POOL VICINITY. EDGE OF SWIMMING POOL DECK SHALL BE TAPERED OR ROUNDED TO PREVENT SHARP CORNERS.

HOSE BIBS WITH VACUUM BREAKERS SHALL BE PROVIDED AROUND THE DECK AREA FOR PROPER WASHING AND GENERAL CLEANING OF THE SWIMMING POOL DECK AREA.

ALL JOINTS IN THE SWIMMING POOL DECK SHALL BE WATER-TIGHT.

A COMPLETELY EQUIPPED FIRST AID KIT SHALL BE PROVIDED WITH THE POOL AREA, TO BE CLEARLY IDENTIFIED AND ACCESSIBLE AT ALL TIMES.

DECK, TO BE DESIGNED BY OTHERS, SHALL BE CONSTRUCTED IN ACCORDANCE WITH AG STANDARD 302.1R-80 GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION. SAW-CUT CONTROL JOINTS SHALL BE MADE AT A MAXIMUM SPACING OF 10'-0" X 10'-0". ALL JOINTS SHALL BE CUT TO 25% THE DEPTH OF THE SLAB.

THE MAXIMUM VOIDS BETWEEN ADJOINING CONCRETE SHALL BE 3/16" OF HORIZONTAL CLEARANCE WITH MAXIMUM DIFFERENTIAL ELEVATION OF 1/4".

ALL CONSTRUCTION JOINTS SHALL BE SEALED WITH A WATERPROOF SEALANT.

SEALED ISOLATION JOINT SHALL BE PROVIDED BETWEEN POOL AND ADJOINING DECK.

ALL DECK EDGES SHALL HAVE AN EASED OR RADIUSED EDGE.

**LIGHTING NOTES:**

SWIMMING POOL WATER SURFACE AND DECK AREA SHALL BE ILLUMINATED WITH 10 HORIZONTAL FOOT-CANDLES OF ILLUMINATION WHEN NIGHT SWIMMING IS PERMITTED.

**EQUIPMENT PAD NOTES:**

MINIMUM OF 1 HOSE BIB REQUIRED AT ALL POOL EQUIPMENT PADS FOR CLEANING/MAINTENANCE.

**SITE PLAN SCHEDULE**

MAIN POOL AREA	795	SF
TOTAL POOL AREA	1,167	SF
TOTAL DECK SURFACE AREA	3,151	SF
SHALLOW AREA USER LOAD	8	SF/USER
MAXIMUM USER LOAD	145	USERS
UNDERWATER LIGHTING REQUIRED	584	WATTS
DECK LIGHTING REQUIRED	1,891	WATTS

No.	Description	Date
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**@ HIGHLAND SWIMMING POOL**
**SWIMMING POOL SITE LAYOUT**

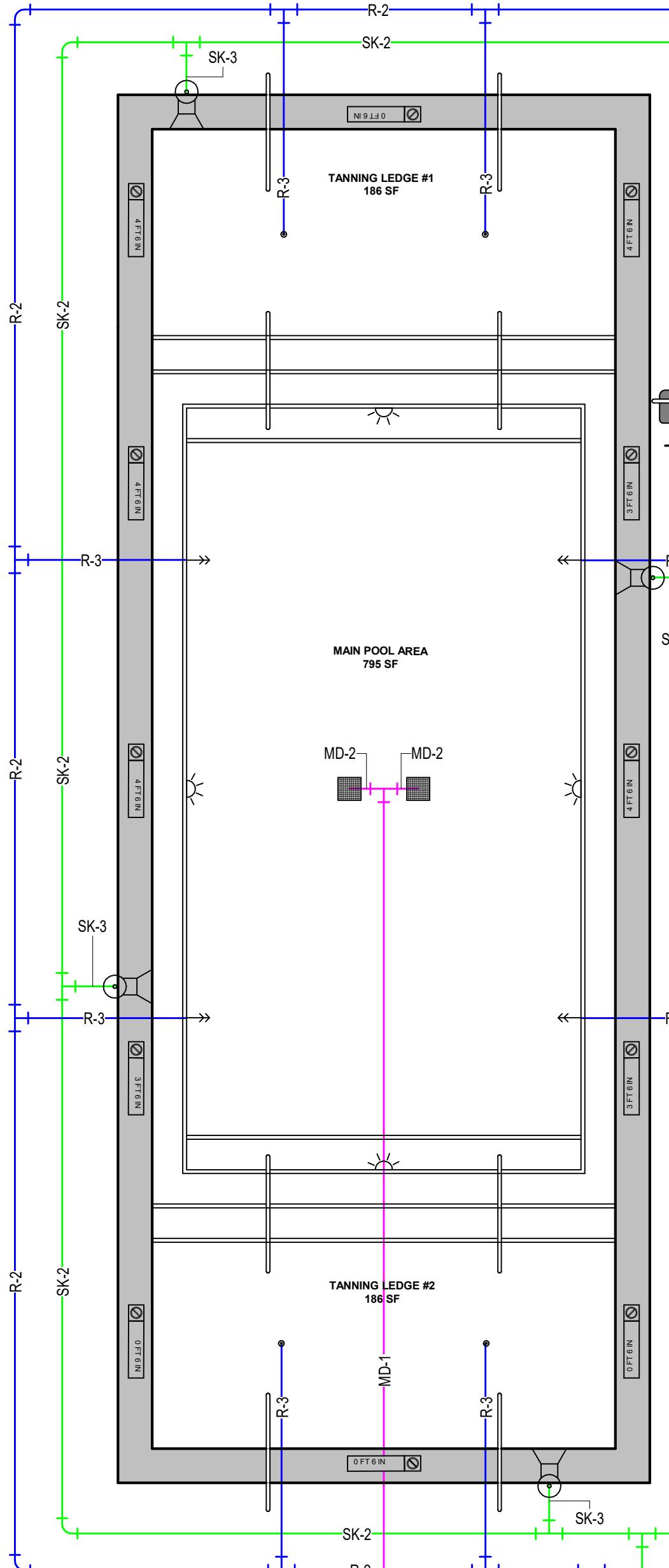
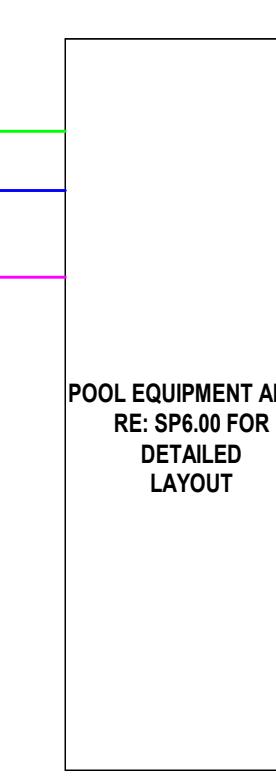
Project number	SE-23-915
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Drawn by	RD
Checked by	RD

SP2.00

**1 SWIMMING POOL PLUMBING PLAN**

1

3/16" = 1'-0"



  
 POOL EQUIPMENT AREA  
 RE: SP3.00 FOR  
 DETAILED  
 LAYOUT

SWIMMING POOL LEGEND	
	1.90" O.D. HANDRAIL
	RECESSED SKIMMER
	12X12 MAIN DRAIN
	WALL INLET
	UNDERWATER LED POOL LIGHT
	POOL LADDER
	ADA LIFT
	ADJUSTABLE FLOOR INLET

POOL GENERAL NOTES:	
ELECTRICAL DISCONNECT SWITCH SHALL BE PROVIDED IN ACCORDANCE WITH 5.6.1 AND 5.6.1.1 OF ANSI/NSPI-2.	
SWIMMING POOL HAS BEEN DESIGNED TO TURNOVER A MINIMUM OF ONCE EVERY 6 HOURS.	
ALL CIRCULATION SYSTEM PIPING SHALL BE SUBJECT TO AN INDUCED STATIC HYDRAULIC PRESSURE TEST AT 25 PSI FOR 30 MINUTES. THIS TEST SHALL BE PERFORMED PRIOR TO DECK CONCRETE PLACEMENT AND SHALL BE MAINTAINED THROUGHOUT THE DECK POUR, WHERE APPLICABLE.	
ALL PVC PIPING LAYOUTS ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL ENSURE GENERAL COMPLIANCE TO THESE DIAGRAMS; HOWEVER, PERMANENT PLACEMENT OF PIPING IN COORDINATION WITH ON-SITE CONDITIONS IS THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL SUBMIT FINAL PLUMBING LAYOUT TO ENGINEER PRIOR TO INSTALLATION OF PIPING, IF MODIFIED IN FIELD.	
CHEMICAL NOTES:	
DISINFECTING AGENT FOR THE SWIMMING POOL SHALL BE TABLET CHLORINE, UNSTABILIZED.	
WATER QUALITY REQUIREMENTS:	
THE CYANURIC ACID LEVEL IN ALL AQUATIC VENUES SHALL REMAIN AT OR BELOW 90 PPM. CYANURIC ACID SHOULD BE TESTED MONTHLY. IF THE TESTS INDICATE A CYANURIC ACID LEVEL GREATER THAN 90 PPM, THE SWIMMING POOL SHALL BE PARTIALLY DRAINED AND REFILLED WITH FRESH WATER UNTIL THE CONCENTRATION IS TESTED BELOW THE 90 PPM LIMIT.	
pH SHALL BE MAINTAINED BETWEEN 7.2 AND 7.8.	
FREE AVAILABLE CHLORINE CONCENTRATIONS (FAC) SHALL BE MAINTAINED AS FOLLOWS AT ALL TIMES:	
AQUATIC VENUES NOT USING CYANURIC ACID FOR STABILIZATION SHALL MAINTAIN A MINIMUM FAC CONCENTRATION OF 1.0 PPM.	
AQUATIC VENUES USING CYANURIC ACID FOR STABILIZATION SHALL MAINTAIN A MINIMUM FAC CONCENTRATION OF 2.0 PPM.	
SPAS SHALL MAINTAIN A MINIMUM FAC CONCENTRATION OF 3.0 PPM.	
MAXIMUM FAC CONCENTRATIONS SHALL NOT EXCEED 10.0 PPM IN ANY AQUATIC VENUE UNDER ANY CIRCUMSTANCE.	
TOTAL ALKALINITY AT ALL AQUATIC VENUES SHALL BE MAINTAINED IN THE RANGE OF 60 TO 180 PPM AT ALL TIMES.	
METER NOTES:	
FLOW METERS, ACCURATE TO 10% OF THE TOTAL FLOW RATE SHALL BE INSTALLED ON THE INFLUENT LINE OF EACH FILTER.	
PRESSURE GAUGES SHALL BE INSTALLED BY THE POOL CONTRACTOR ON THE INFLUENT AND EFFLUENT LINE OF EACH FILTER OR PRESSURE GAUGES WITH CLEAN OPERATING PRESSURE AND BACKWASH LEVELS SHALL BE PROVIDED.	
ELECTRICAL NOTES:	
THE LATEST NATIONAL ELECTRIC CODE OF THE NFPA SHALL BE STRICTLY ADHERED TO FOR ALL ELECTRICAL REQUIREMENTS.	

RECIRCULATION SYSTEM DATA		
MAIN POOL AREA	795	SF
TANNING LEDGE AREA	372	SF
TOTAL POOL AREA	1,167	SF
TANNING LEDGE #1 VOLUME	812	GALLONS
TANNING LEDGE #1 INLET FLOW RATE	21	GPM
TANNING LEDGE #1 TURNOVER TIME	0.644	HR
TANNING LEDGE #2 VOLUME	812	GALLONS
TANNING LEDGE #2 INLET FLOW RATE	21	GPM
TANNING LEDGE #2 TURNOVER TIME	0.644	HR
TOTAL WATER VOLUME	25,410	GALLONS
TURNOVER TIME	5	HR
FLOWRATE AT OPERATING POINT	85	GPM
TOTAL DYNAMIC HEAD AT OPERATING POINT	46	FT

RECIRCULATION SYSTEM PLUMBING SCHEDULE					
MARK	DESCRIPTION	DIAMETER (IN)	FLOWRATE (GPM)	VELOCITY (FPS)	APPROXIMATE LENGTH (FT)
SK-1	TRUNK LINE TO PUMP	3	85	3.69	92
SK-2	LOOP FROM SK-3 TO SK-1	2	43	4.07	270
SK-3	BRANCH LINE FROM SKIMMER TO SK-2 LOOP	1 1/2	21	3.35	28
MD-1	TRUNK LINE TO PUMP	3	85	3.69	140
MD-2	BRANCH FROM MAIN DRAIN TO MD-1	3	43	1.85	3
R-1	TRUNK LINE FROM PUMP	3	85	3.69	92
R-2	LOOP FROM R-1 TO R-3	2	42.5	4.07	270
R-3	BRANCH FROM R-2 LOOP TO WALL/FLOOR INLET	1 1/2	10.6	1.68	165

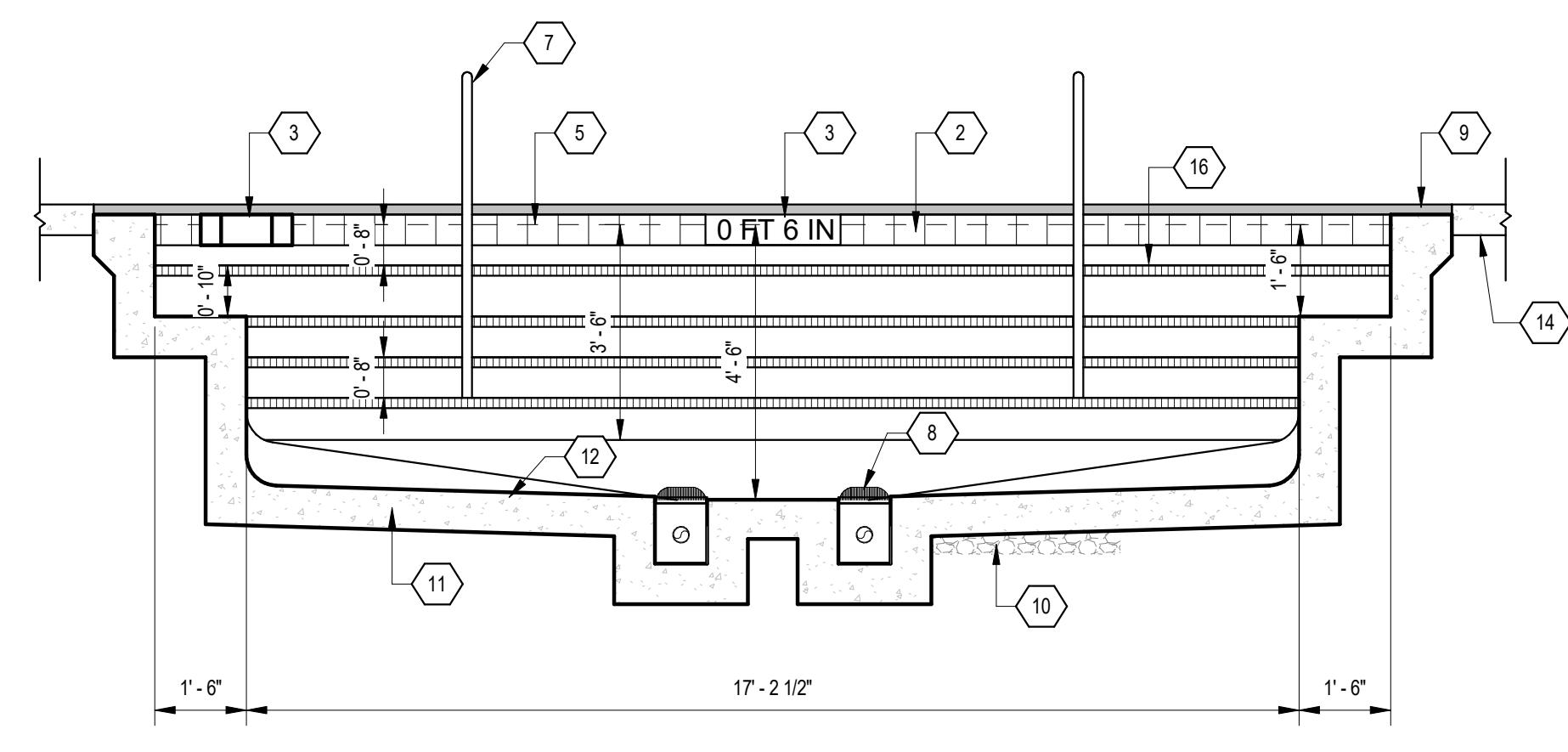
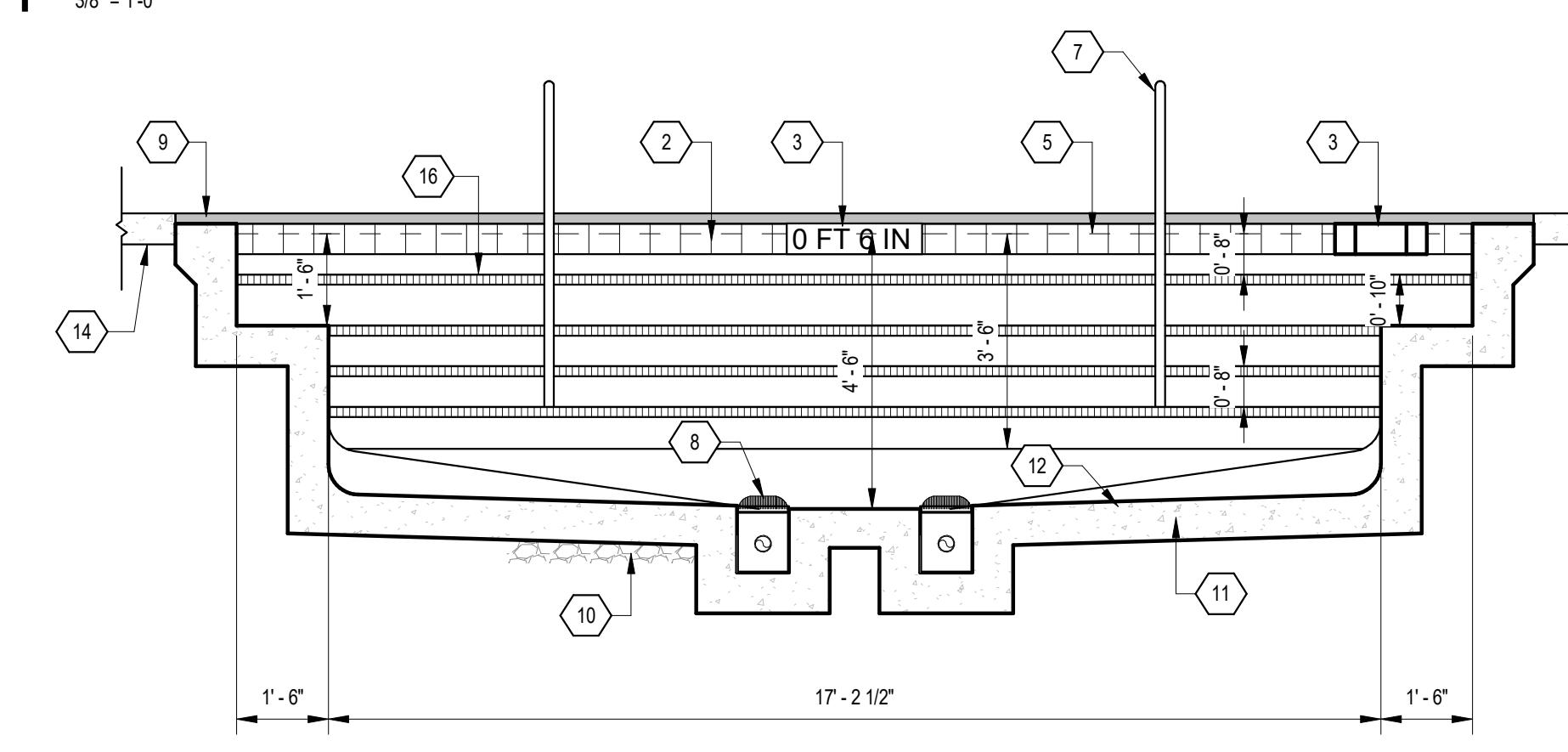
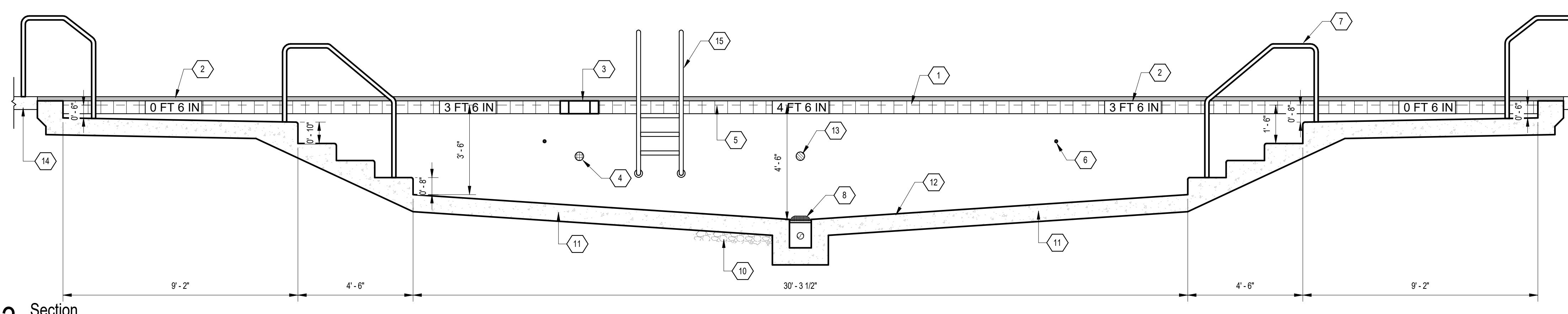
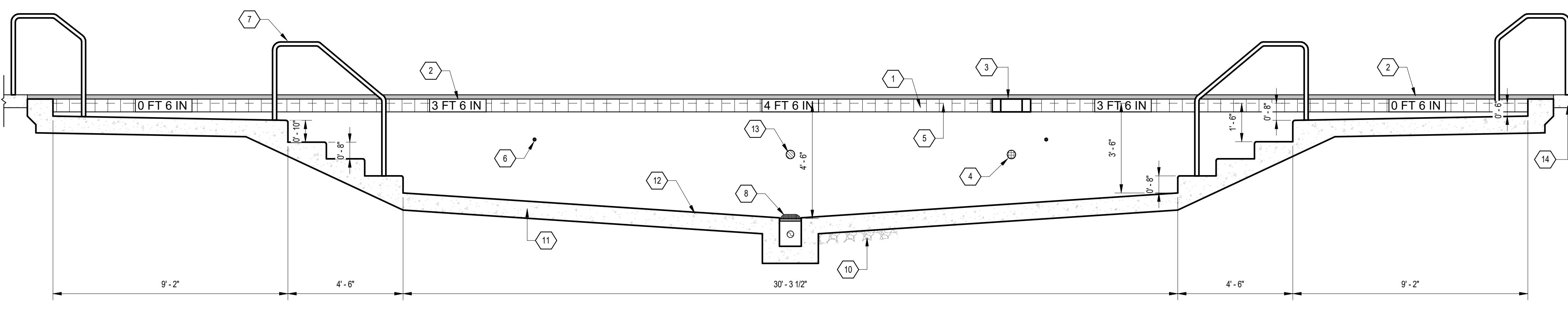
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		SEAL

@ HIGHLAND SWIMMING POOL

**SWIMMING POOL PLUMBING PLAN**

Project number	SE-23-915
Date	12.15.2023
Drawn by	RD
Checked by	RD

**SP3.00**


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

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

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

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

# KEYNOTE LEGEND	
1	6" GLAZED WATERLINE TILE.
2	DEPTH MARKER, POOL CONTRACTOR TO PLACE A CORRESPONDING DEPTH MARKER ON POOL DECK WITHIN 18" OF POOL EDGE.
3	RECESSED AUTOMATIC SURFACE SKIMMER.
4	SKIMMER EQUALIZER COVER PER EQUIPMENT SCHEDULE.
5	STATIC WATERLINE, 2' BELOW BOTTOM OF COPING.
6	3/4" ADJUSTABLE EYEBALL RETURN INLET FITTING.
7	1.90" O.D. 3-BEND STAINLESS STEEL HANDRAIL BY S.R. SMITH OR EQUAL, TYPICAL.
8	ANSI/A-PS-16 APPROVED MAIN DRAIN COVER WITH SUMP. CONTRACTOR TO PROVIDE PERMANENT DARK RING AROUND ALL MAIN DRAIN COVERS.
9	BULLNOSE COPING, TO BE SELECTED BY OWNER/LANDSCAPE ARCHITECT.
10	6" COMPACTED GRAVEL BASE OVER GEOTEXTILE FABRIC.
11	REINFORCED CUNITE SHELL. REFER TO STRUCTURAL SECTIONS FOR ADDITIONAL INFORMATION.
12	SLOPE POOL FLOOR MAXIMUM 1:10.
13	UNDERWATER LED POOL LIGHT (NICHELESS)
14	ADJACENT SLIP-RESISTANT CONCRETE DECK BY OTHERS.
15	S.R. SMITH CROSS-BRACED STAINLESS STEEL POOL LADDER.
16	2" SLIP RESISTANT AND DARK CONTRASTING TILE BAND ON VERTICAL AND HORIZONTAL PLANE OF TANNING LEDGERS AND STEPS. PROVIDE MINIMUM 1" RADII AT EDGE.

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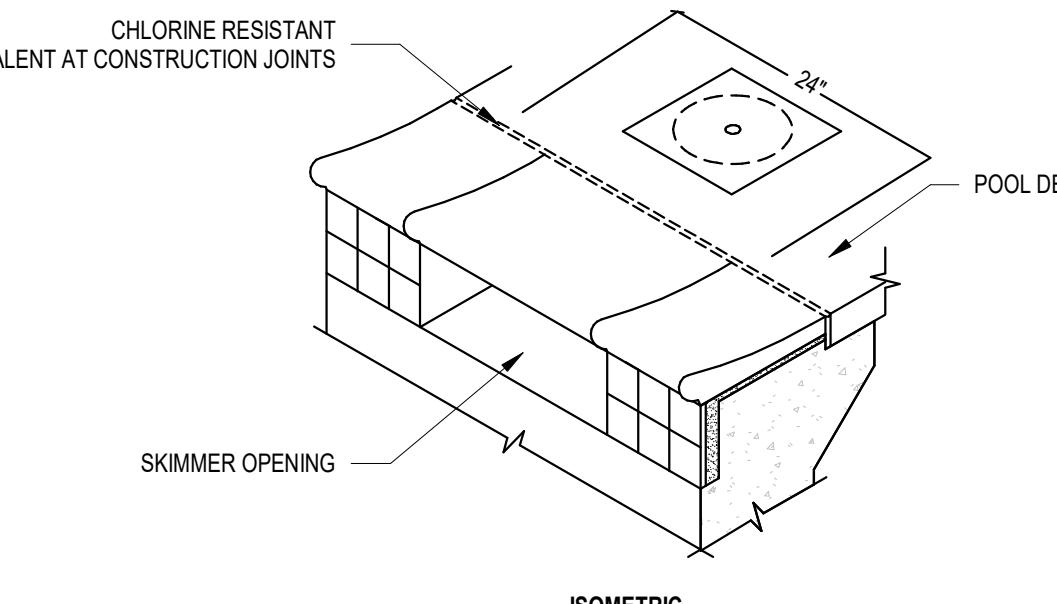
 @ HIGHLAND SWIMMING  
POOL

 SWIMMING POOL SECTION  
VIEWS

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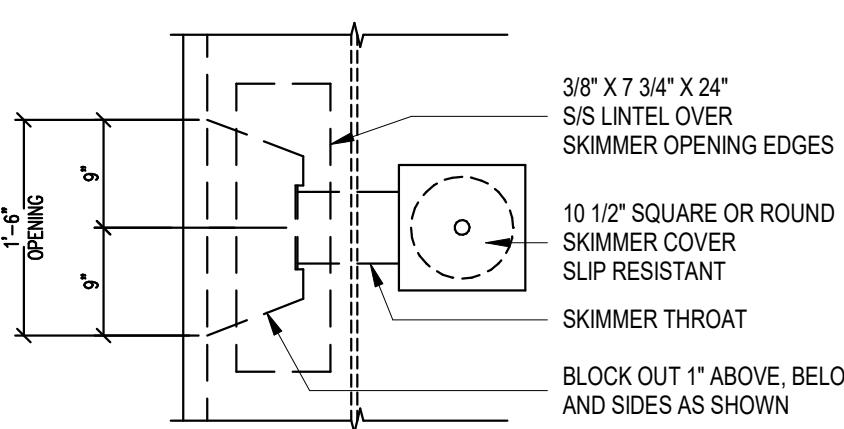
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@ HIGHLAND SWIMMING POOL

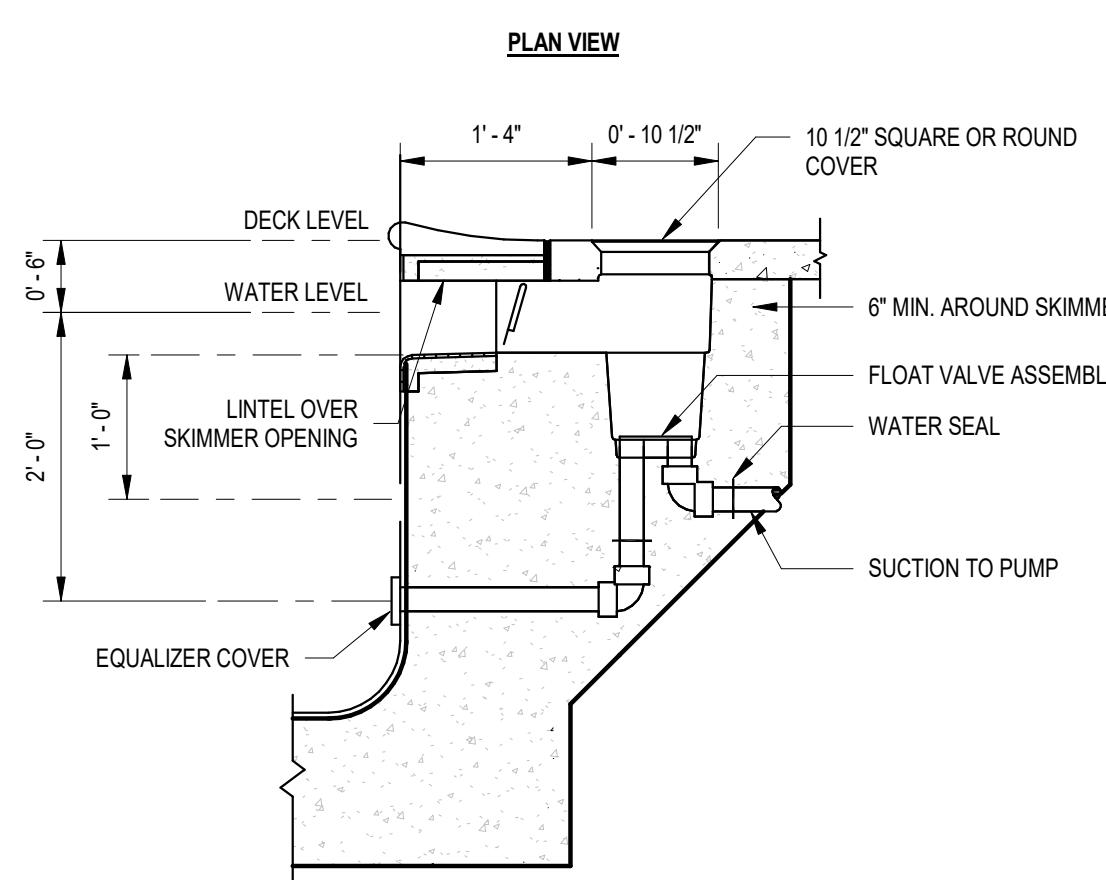


**1 TYPICAL SKIMMER DETAIL**

$3/4'' = 1'-0''$



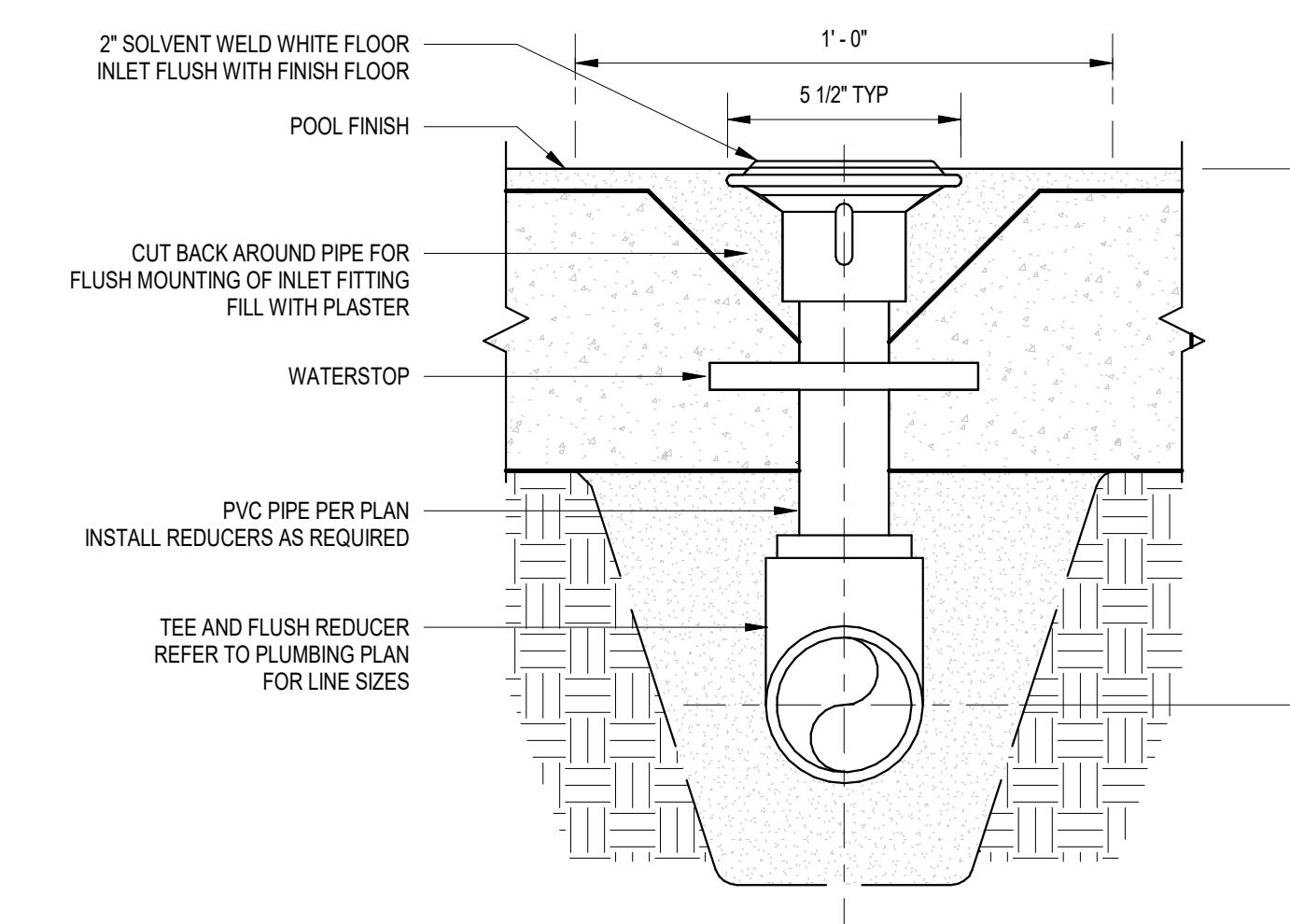
**PLAN VIEW**



**SECTION**

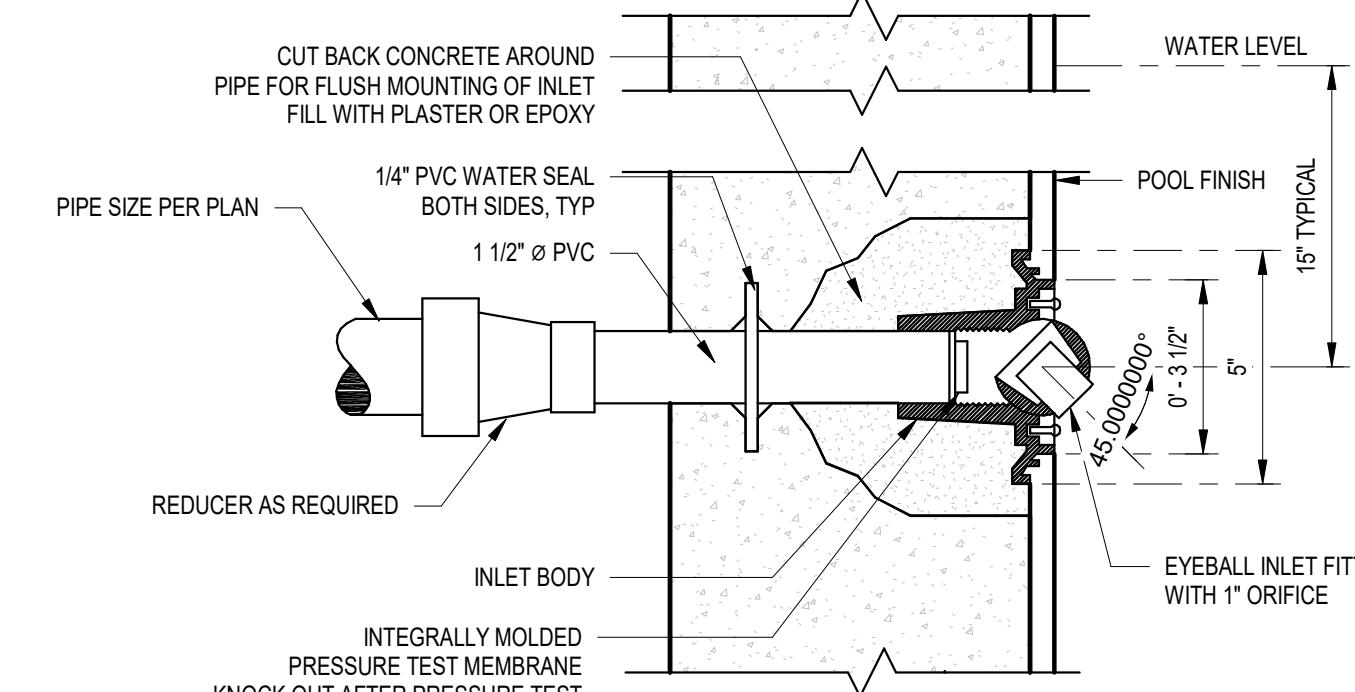
**2 TYPICAL FLOOR INLET**

$3'' = 1'-0''$



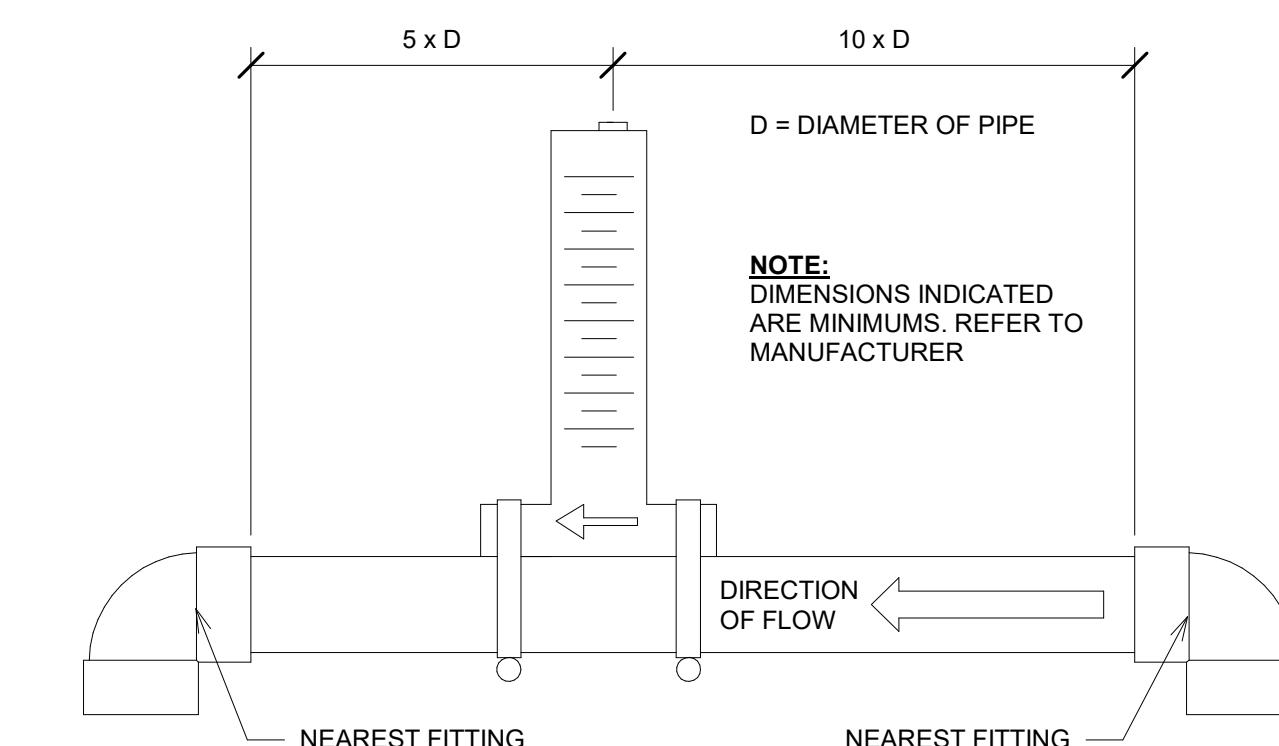
**3 TYPICAL WALL INLET**

$3'' = 1'-0''$



**4 IMPACT FLOW METER**

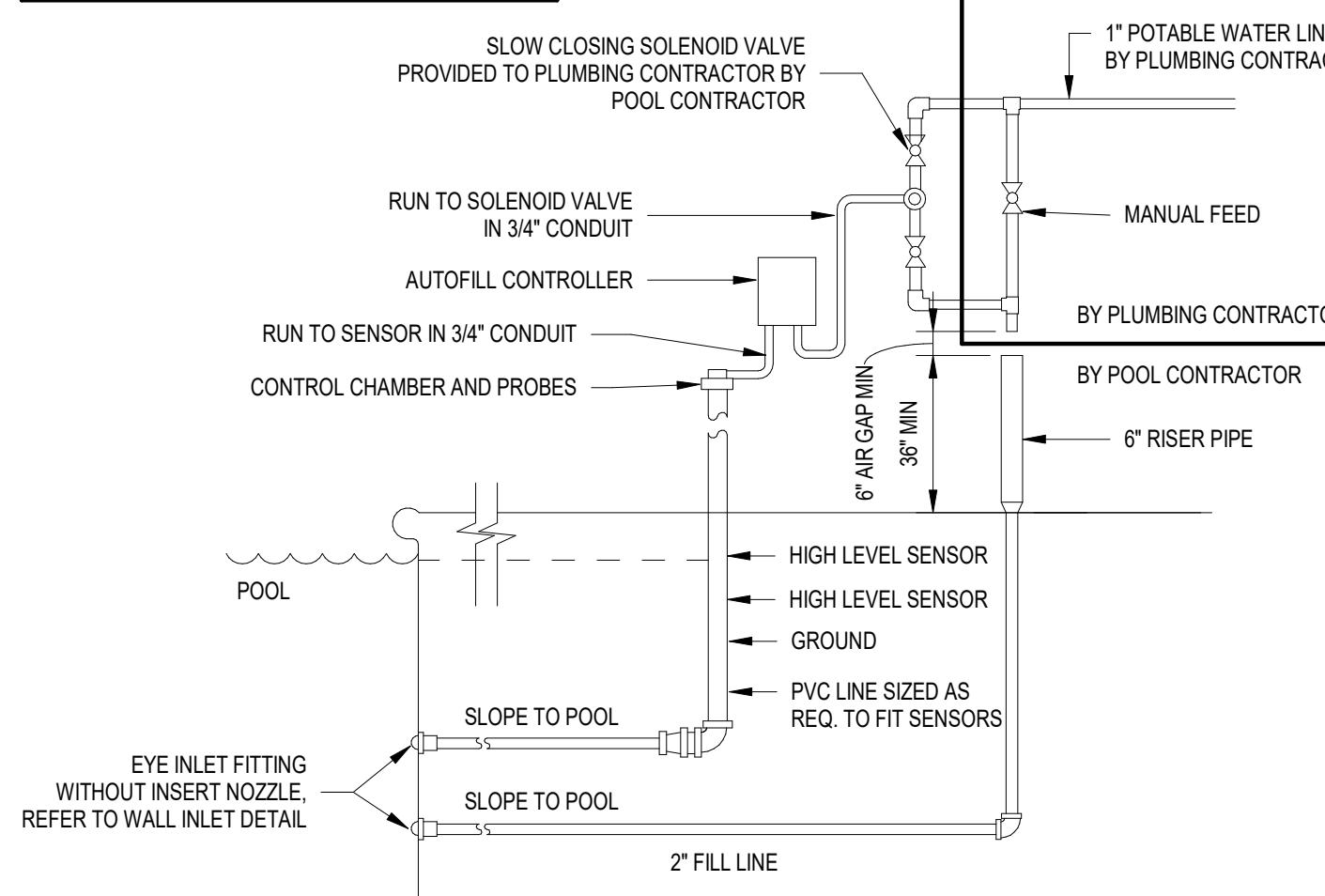
$3/4'' = 1'-0''$



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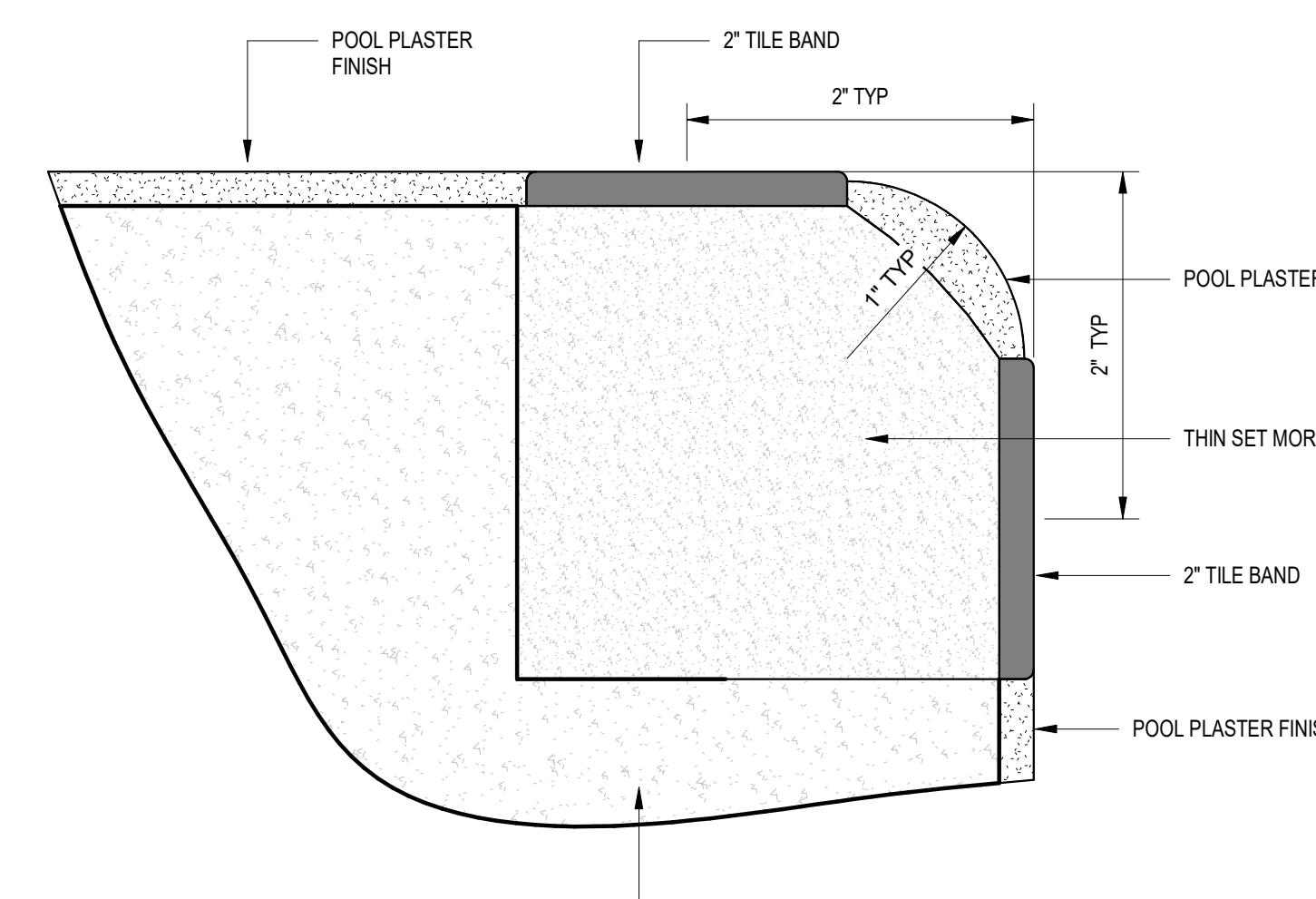
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**NOTE:**  
REFER TO THE INSTALLATION AND OPERATING  
INSTRUCTIONS FROM THE MANUFACTURER ON THE  
AUTOFILL CONTROLLER. SEE EQUIPMENT LIST FOR  
MAKE AND MODEL



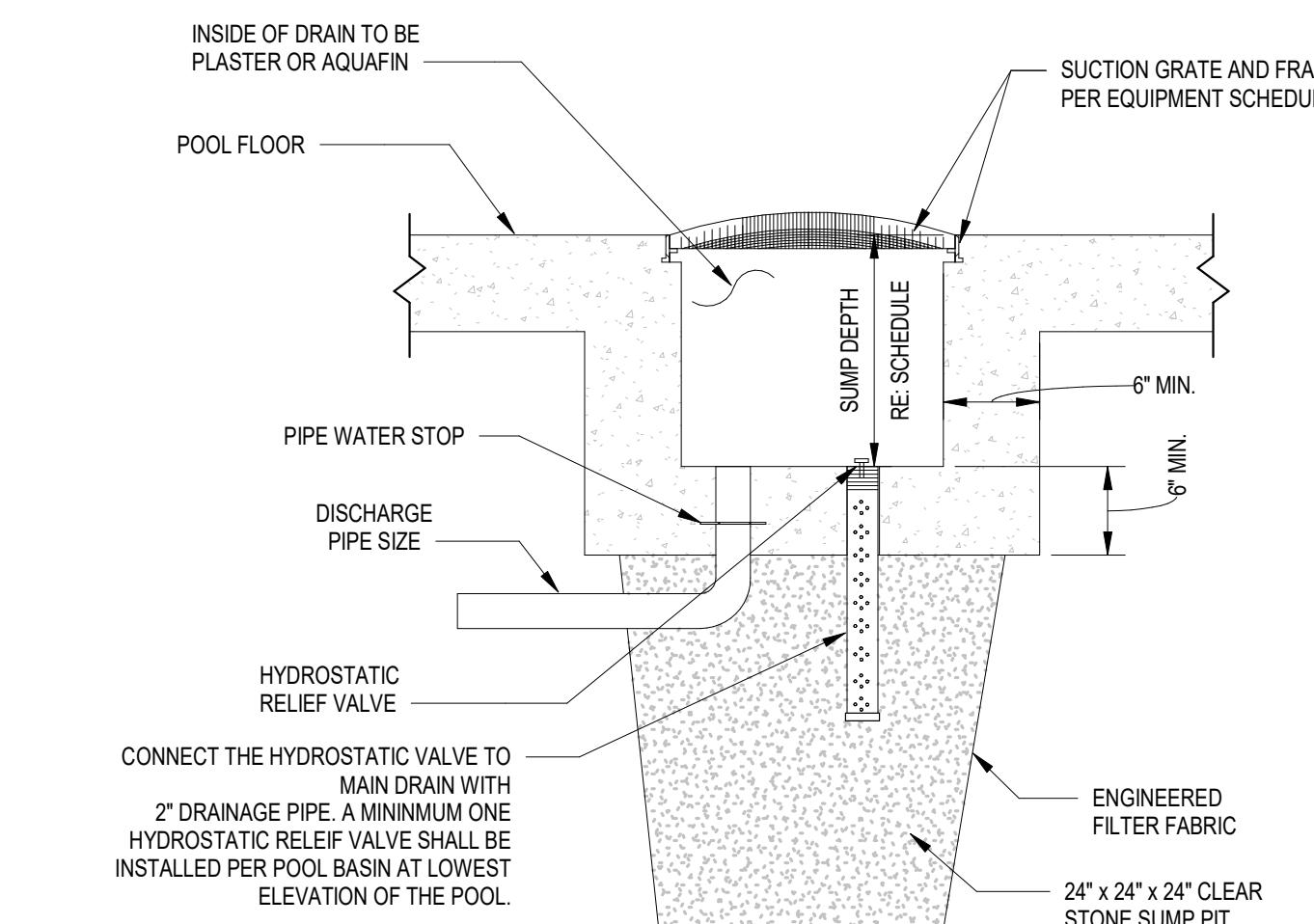
**5 TYPICAL AUTOFILL DETAIL**

$3/4'' = 1'-0''$



**6 EDGE OF STEPS, TANNING LEDGE, AND BENCH TILE DETAIL**

$1'' = 1'-0''$



**7 TYPICAL MAIN DRAIN**

$1'' = 1'-0''$

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POOL**

**SWIMMING POOL DETAILS**

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**SP5.00**

**4 FT 6 IN**

DEPTH MARKERS



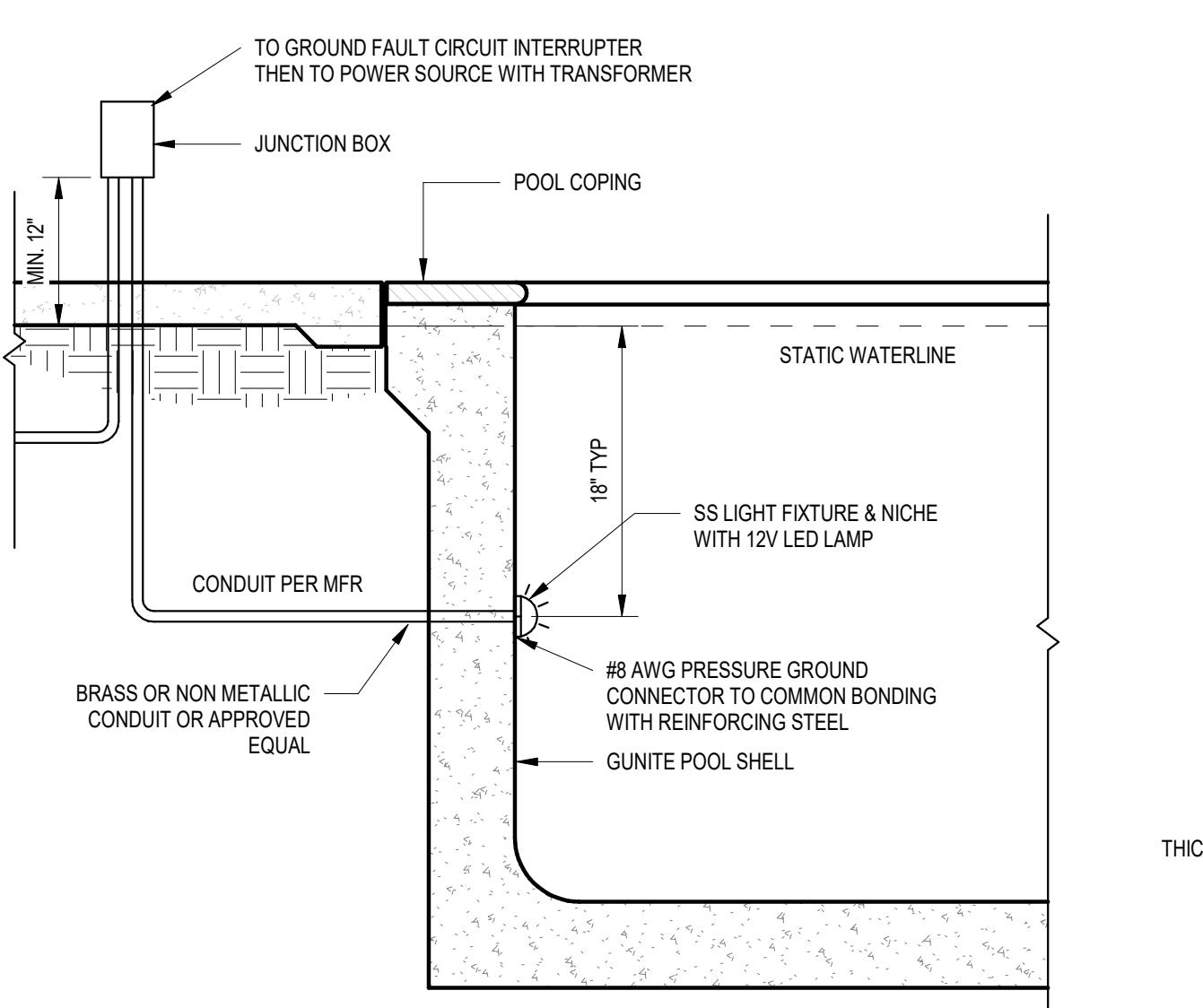
NO DIVING SYMBOL

**DEPTH MARKER REQUIREMENTS:**

DEPTH MARKERS SHALL DISPLAY FEET AND INCHES  
 "NO DIVING" SYMBOL MARKER SHALL BE LOCATED AT EACH DECK DEPTH MARKER  
**MARKING GENERAL NOTES:**  
 DEPTH MARKERS SHALL BE PLACED ON THE DECK WITH SPACING NOT TO EXCEED 25'-0", POINTS OF CHANGE IN SLOPE.  
 ALL DECK MARKERS SHALL HAVE A CORRESPONDING MARKER LOCATED AT THE WATERLINE TILE.  
 DECK TILES TO BE PLACED WITHIN 18" OF THE POOL WATER SURFACE.  
 DECK TILES TO BE POSITIONED TO BE READ WHILE STANDING ON THE DECK FACING THE WATER.  
 DEPTH MARKERS TO BE IN IMPERIAL UNITS.  
 NUMERICAL COLOR OF LETTERING TO BE CONTRASTING TEXT.  
 "NO DIVING" INTERNATIONAL SYMBOL MARKER TO BE PLACED AT ALL LOCATIONS OF DECK DEPTH MARKERS.

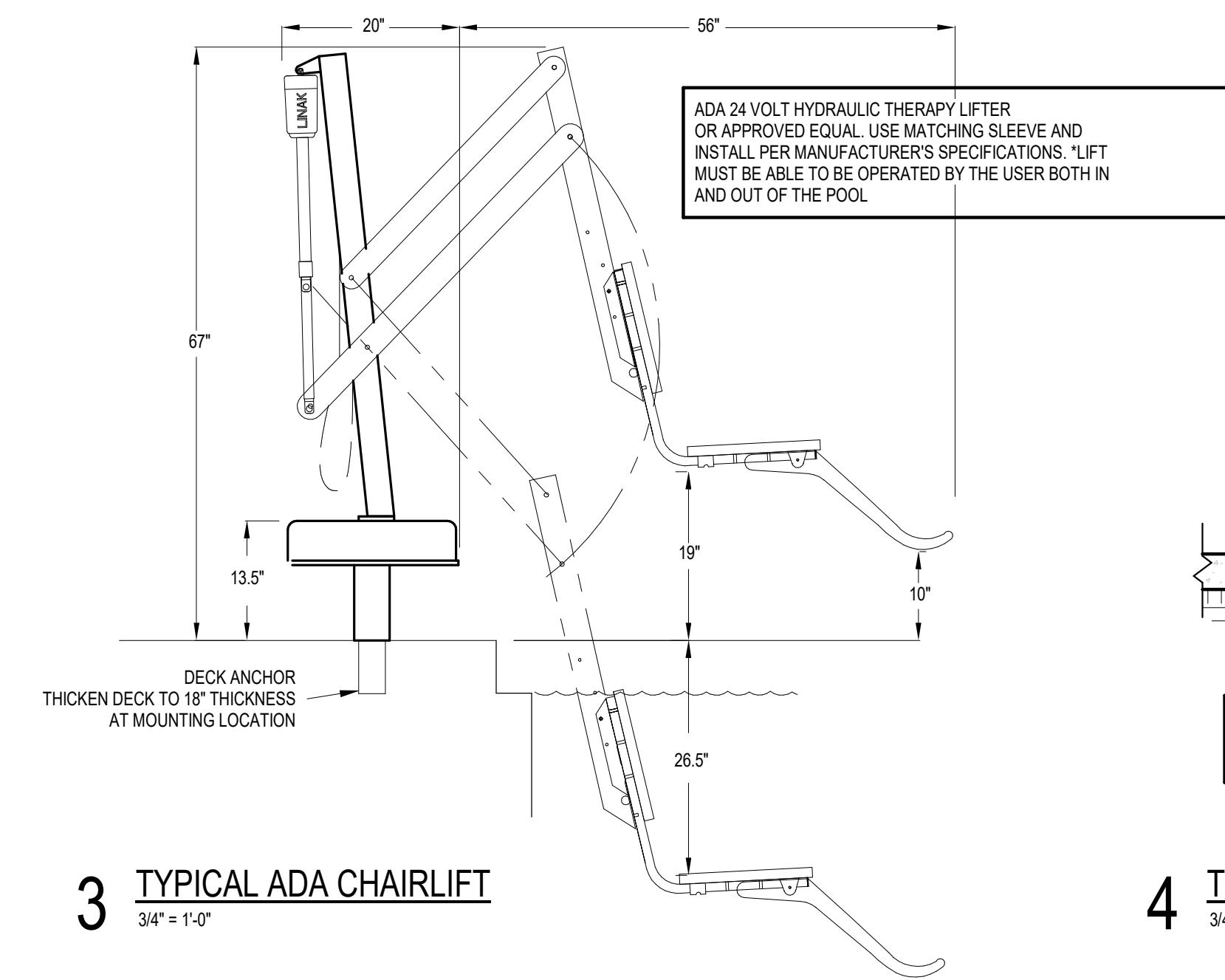
**1 DEPTH MARKER DETAIL**

3/4" = 1'-0"



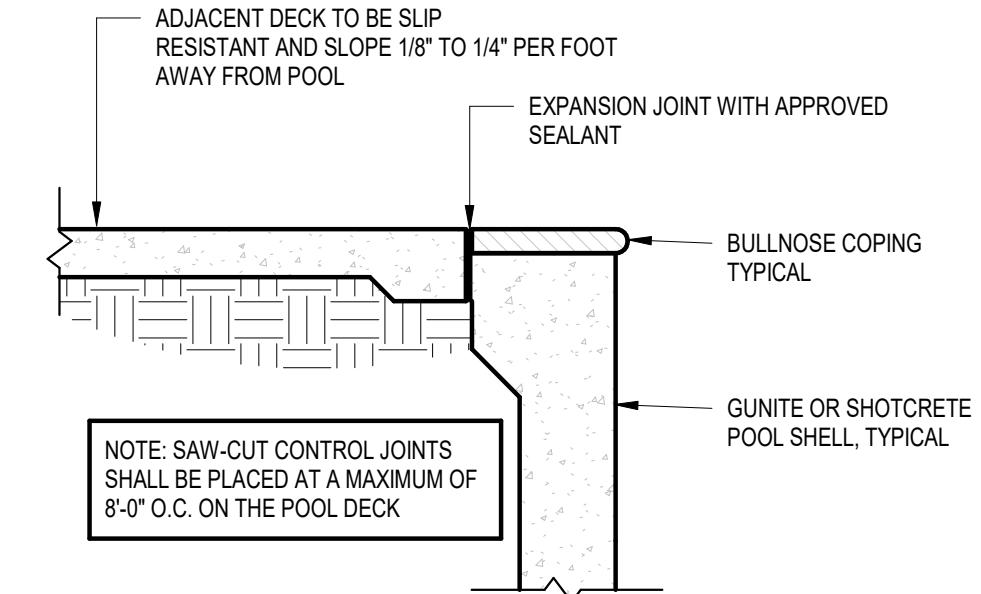
**2 TYPICAL UNDERWATER LIGHT DETAIL**

3/4" = 1'-0"



**3 TYPICAL ADA CHAIRLIFT**

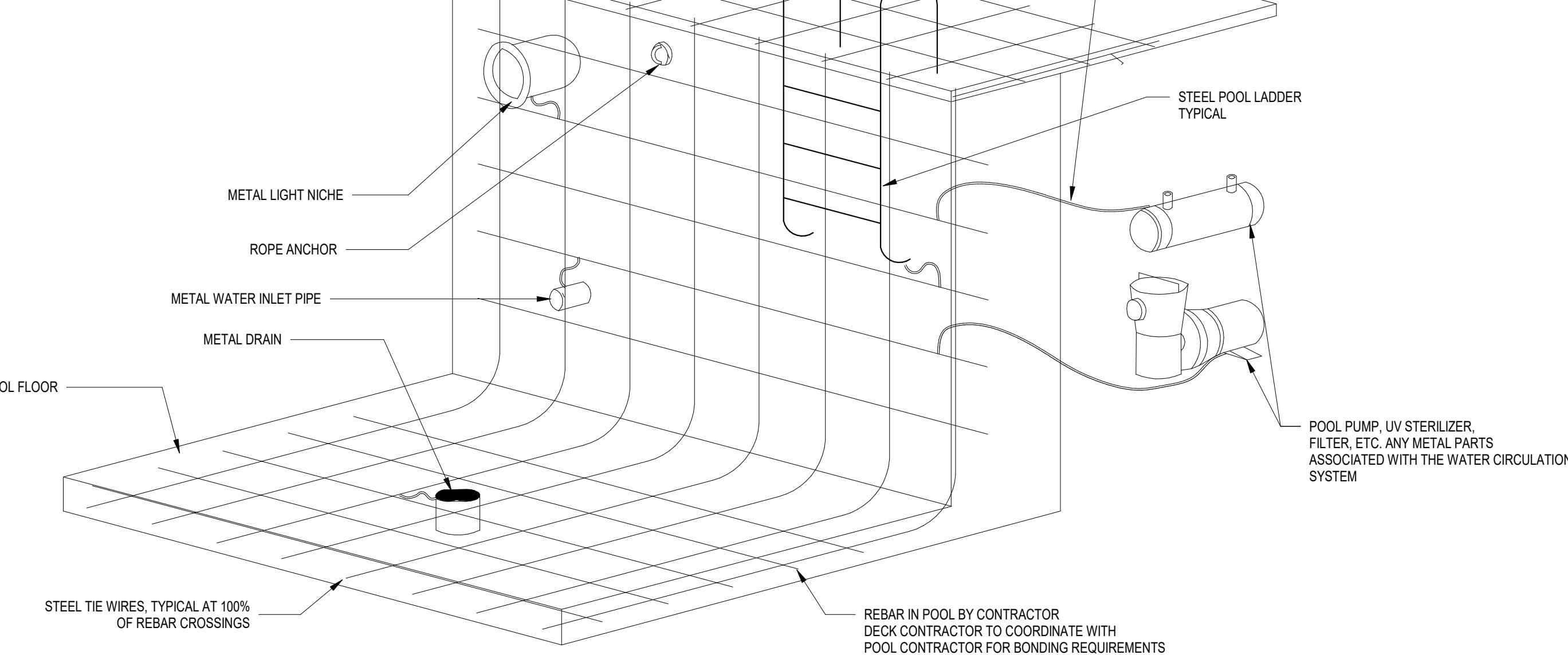
3/4" = 1'-0"



**4 TYPICAL POOL JOINT DETAIL**

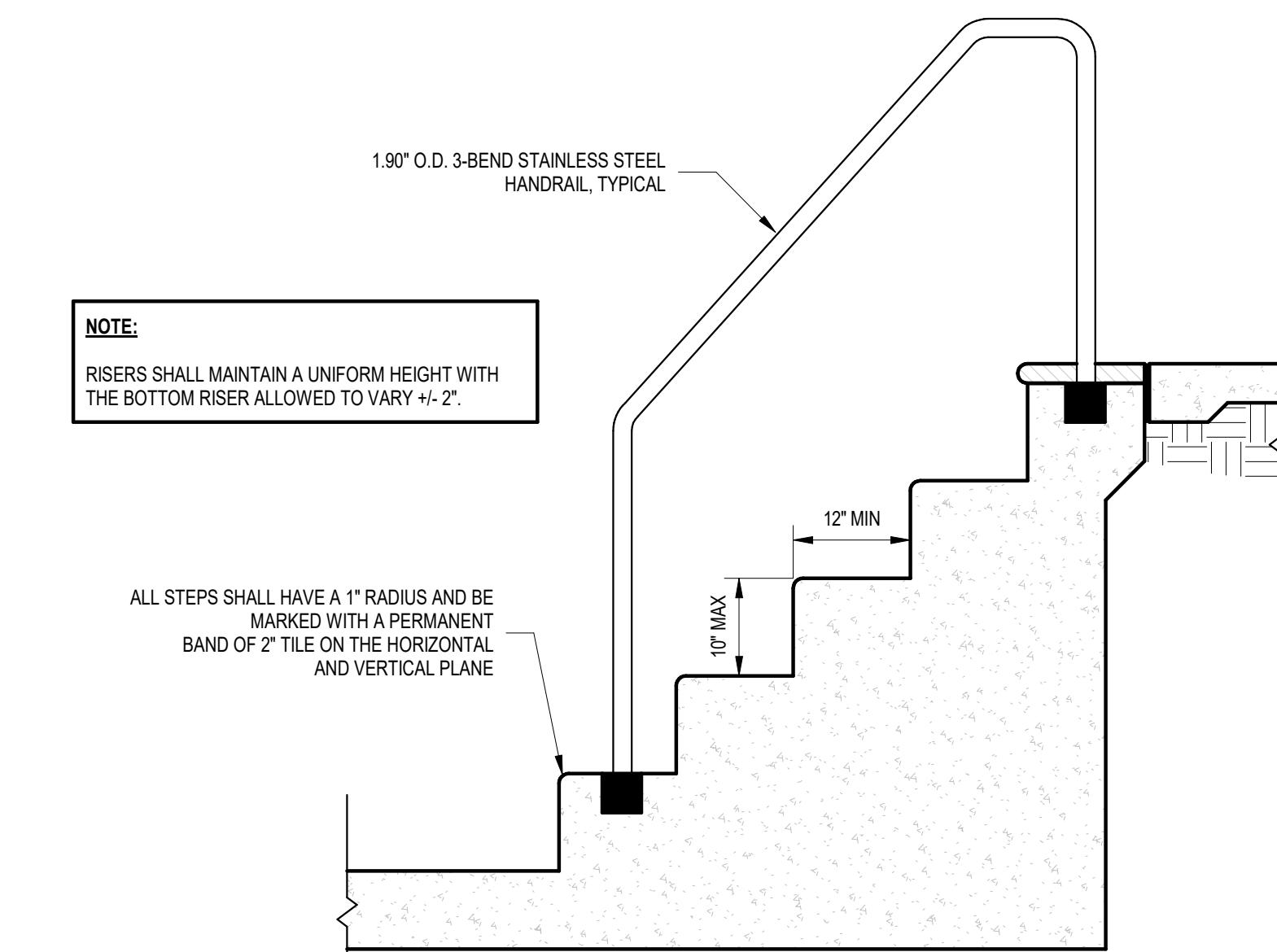
3/4" = 1'-0"

**NOTES:**  
 ANY AND ALL METAL PARTS ASSOCIATED WITH THE POOL WATER SYSTEM SHALL BE BONDED PER NEC LATEST EDITION.  
 ALL METAL PARTS WITHIN 5 FT. OF THE INSIDE WALL OF THE POOL AND NOT SEPARATED BY A PERMANENT BARRIER ARE REQUIRED TO BE BONDED PER NEC LATEST EDITION ARTICLE 680.  
 THIS LIST INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING: ALL METAL PARTS OF THE POOL STRUCTURE, CONDUIT, AND PIPING, METAL DOOR FRAMES, METAL WINDOW FRAMES, DIVING BOARDS, HANDRAILS, LADDERS, DRAINS, OUTLET PIPES, SLIDE SUPPORTS, WATER FEATURES, ETC.  
 THE BONDING OF THESE PARTS DO NOT MEAN THEY ARE REQUIRED TO BE CONNECTED TO EACH OTHER. THEY SHALL BE CONNECTED TO A COMMON EQUIPOENTIAL BONDING GRID.  
 ALL EQUIPOENTIAL BONDING TERMINALS MUST BE MADE BY EXOTHERMIC WELDING, LISTED PRESSURE CONNECTORS OF THE SET SCREW OR COMPRESSION TYPE, LISTED CLAMPS, OR OTHER LISTED FITTINGS.



**5 TYPICAL POOL BONDING DETAIL**

3/4" = 1'-0"



**6 TYPICAL POOL STEPS DETAIL**

3/4" = 1'-0"

No. Description Date

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SEAL

**@ HIGHLAND SWIMMING POOL**

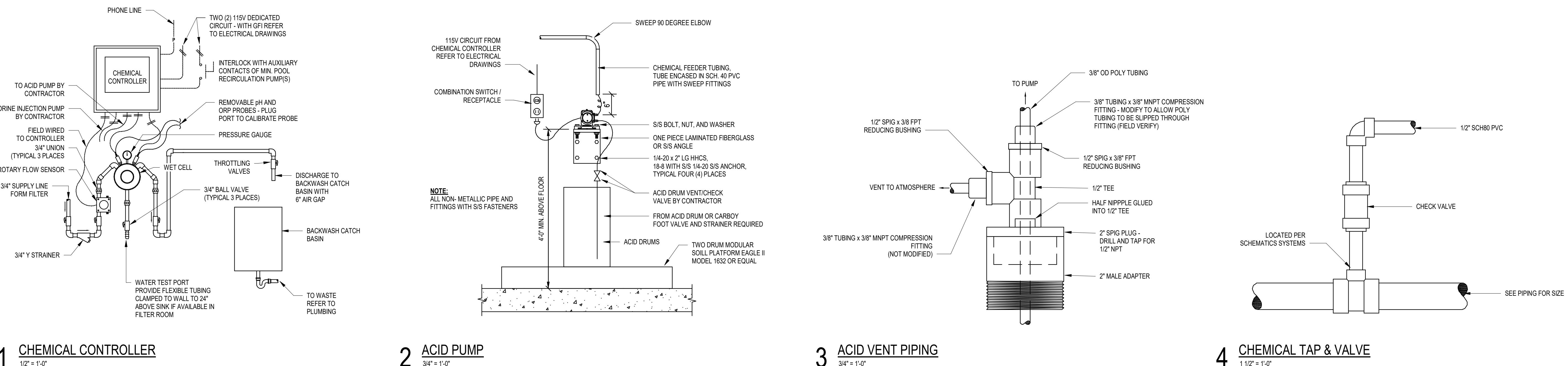
**SWIMMING POOL DETAILS**

Project number SE-23-915

Date 12.15.2023

Drawn by RD

Checked by RD



## 1 CHEMICAL CONTROLLER

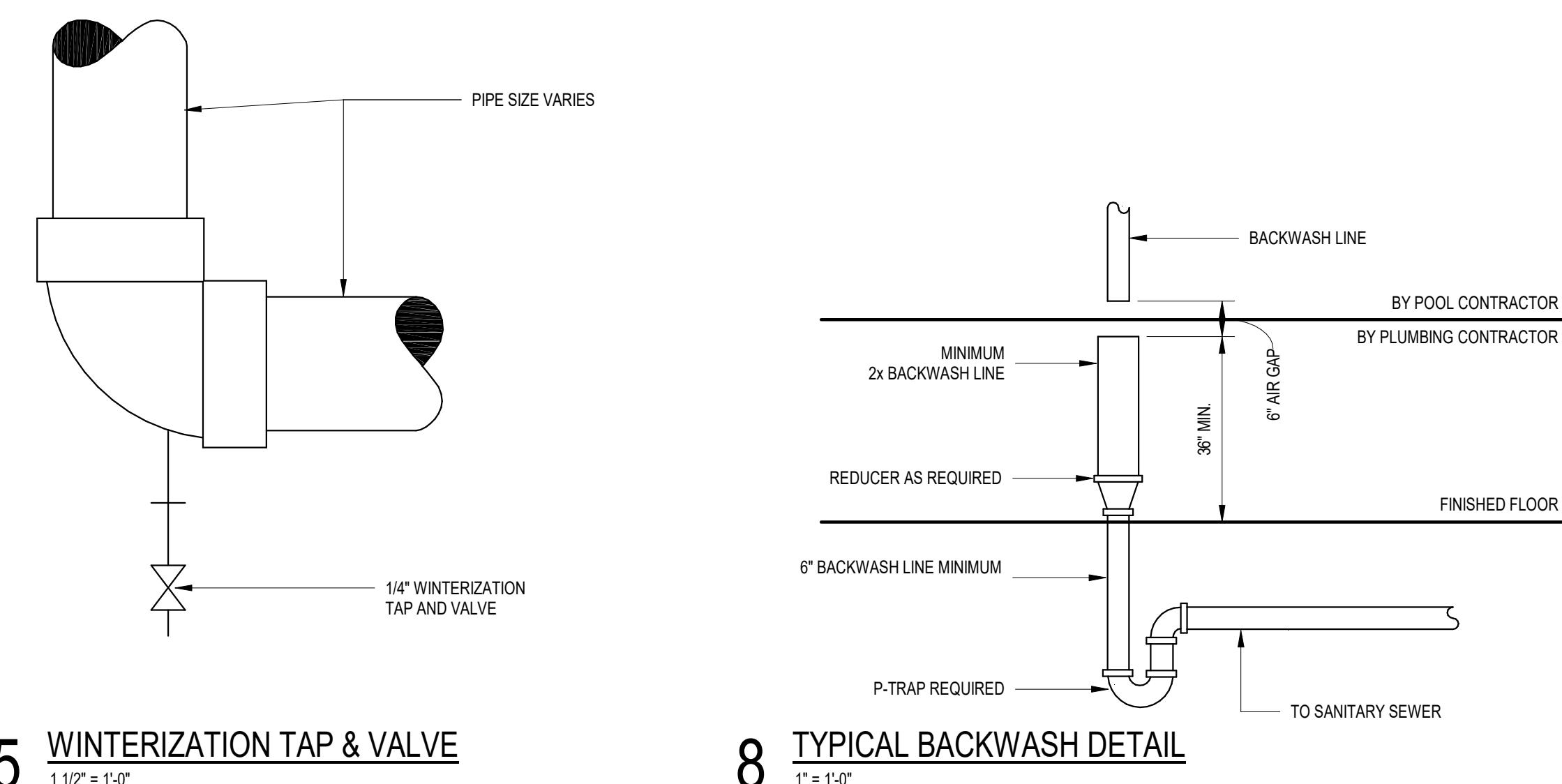
# 2 ACID PUMP 3/4" = 1'-0"

## **3 ACID VENT PIPING**

## 4 CHEMICAL TAP & VALVE

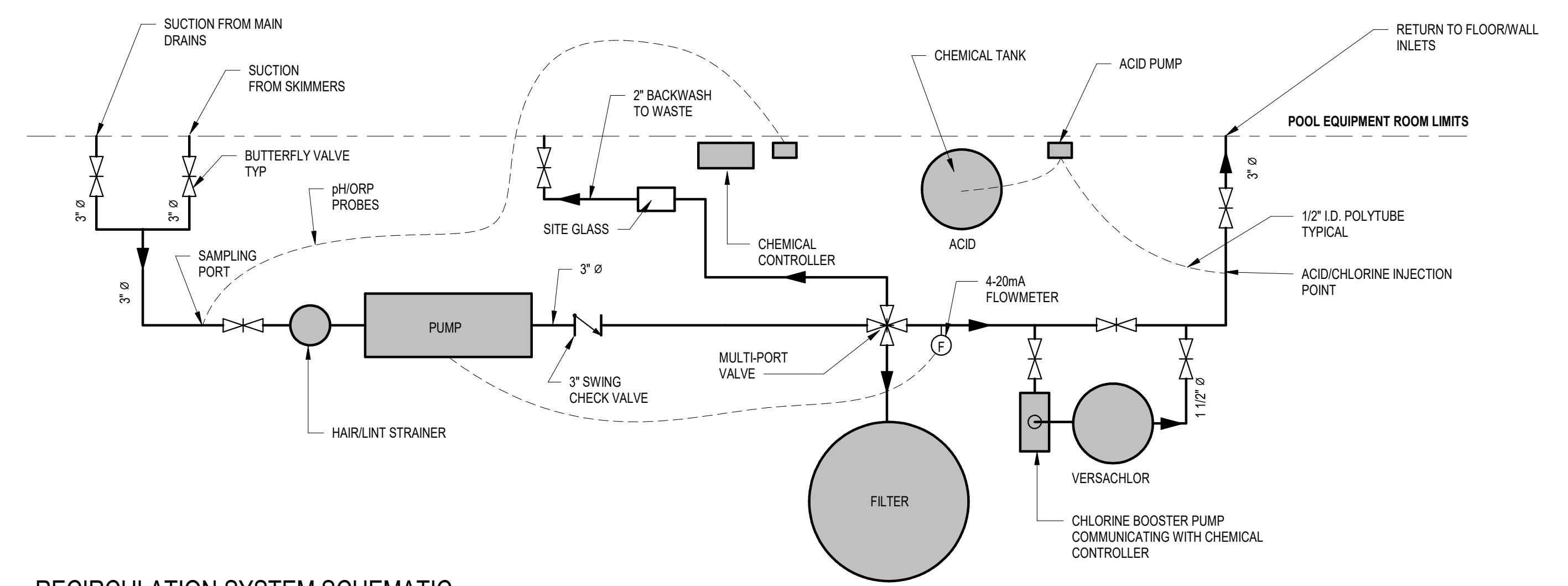
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# 1 SMART WAY, DATON DOLICE | A 20010



## 5 WINTERIZATION TAP & VALVE

## 8 TYPICAL BACKWASH DETAIL



## 7 RECIRCULATION SYSTEM SCHEMATIC

## @ HIGHLAND SWIMMING POOL

## SWIMMING POOL DETAILS

Project number	SE-23-915
Date	12.15.2023
Drawn by	Author
Checked by	Checker

## SP5.02



