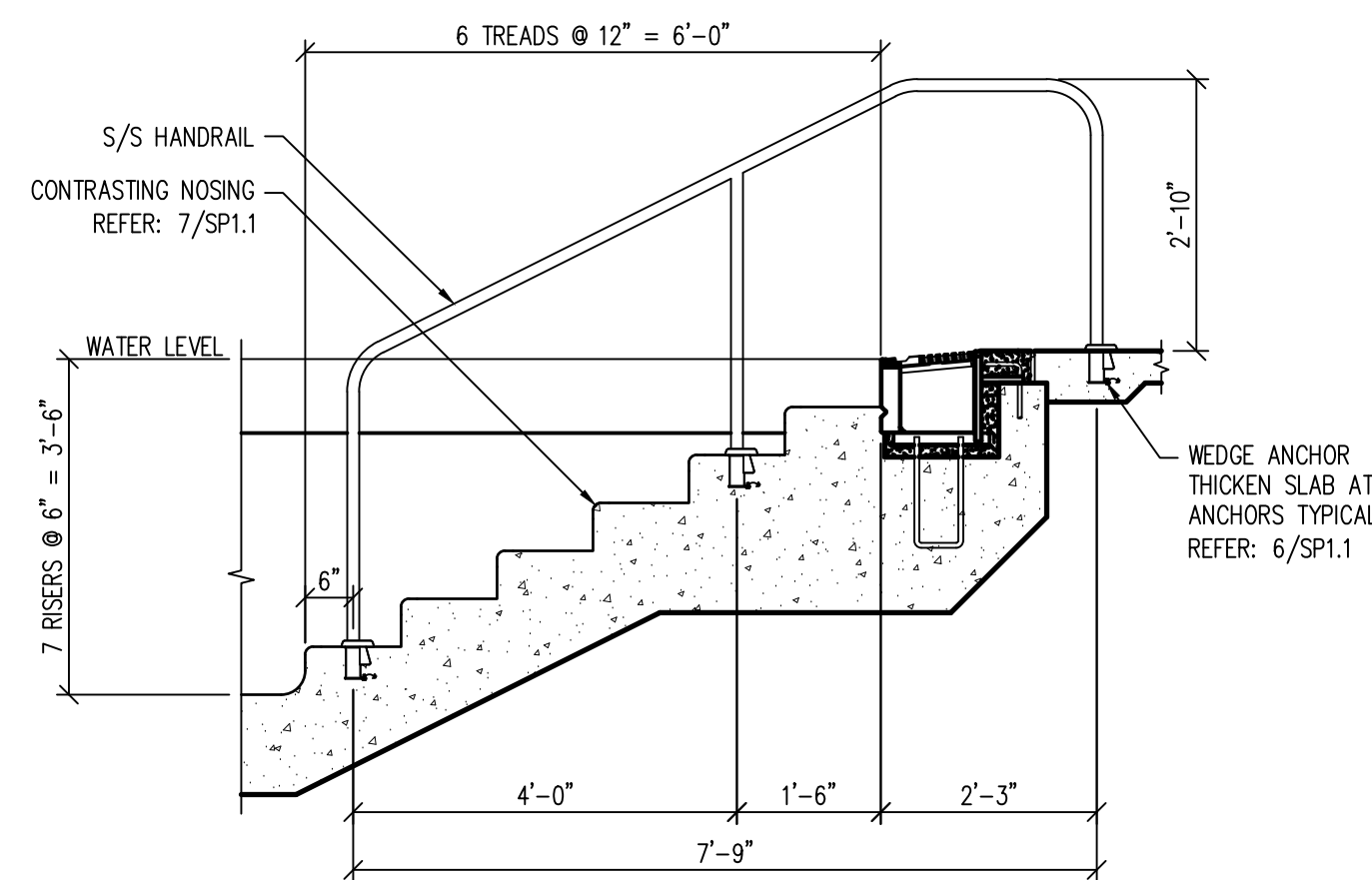
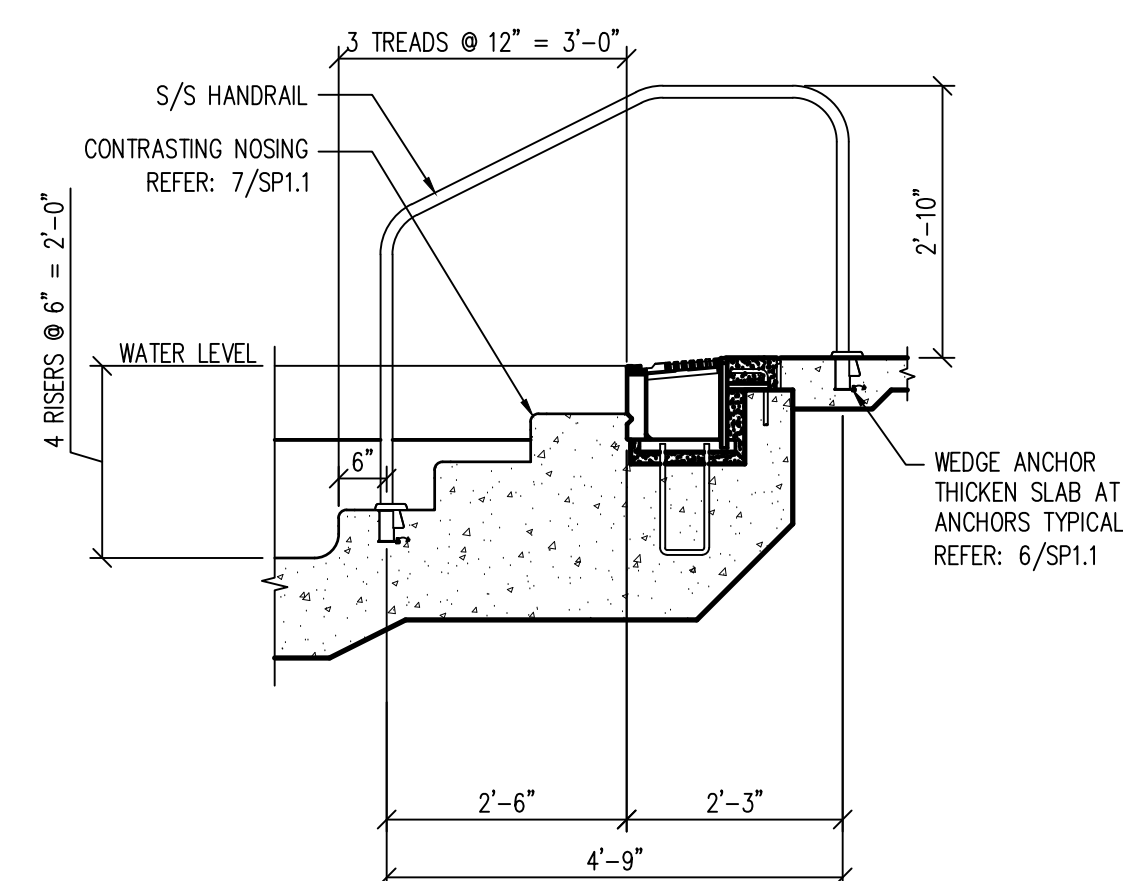


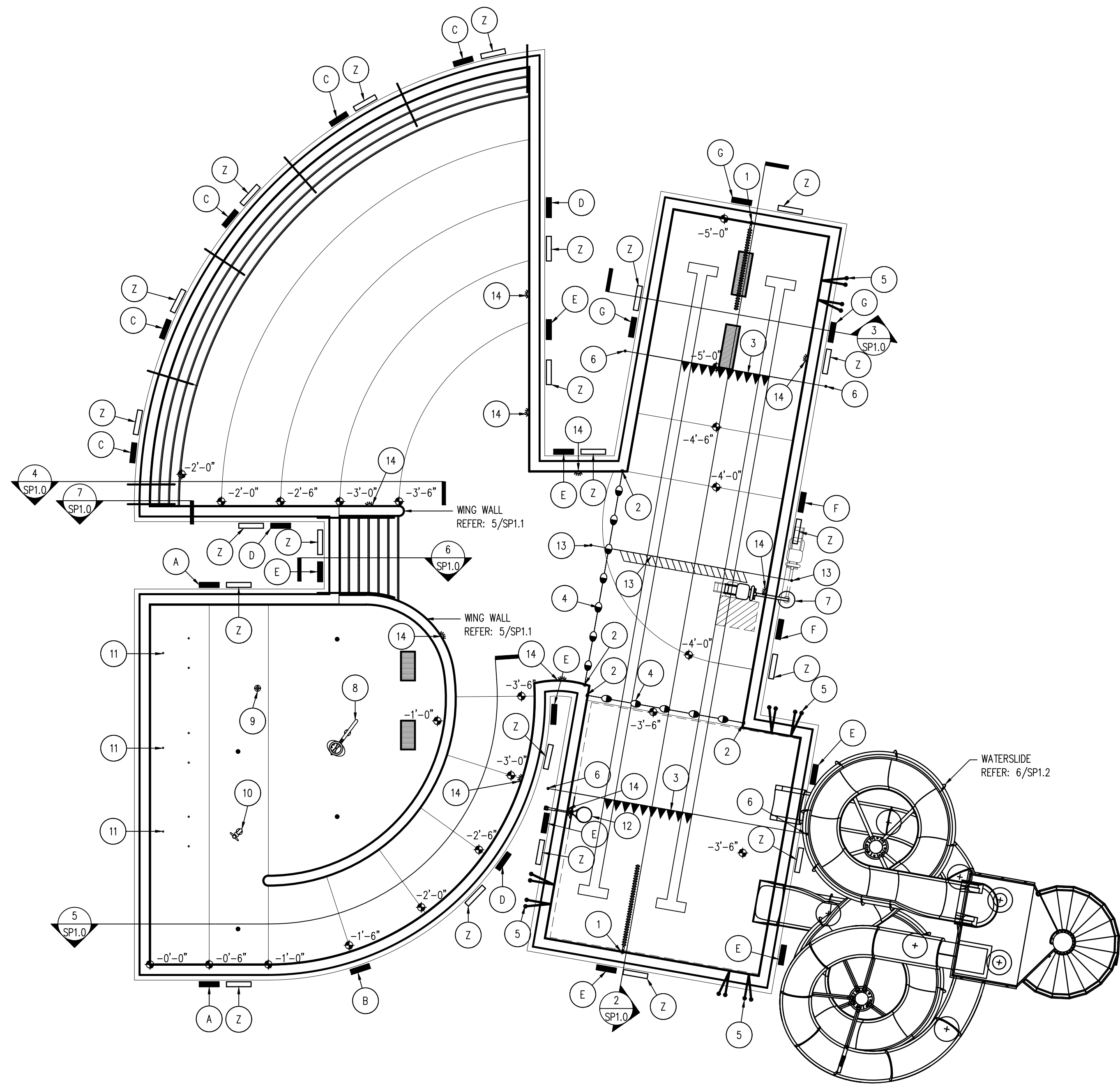
**5 POOL SECTION**  
SP1.0  
1/8" = 1'-0"



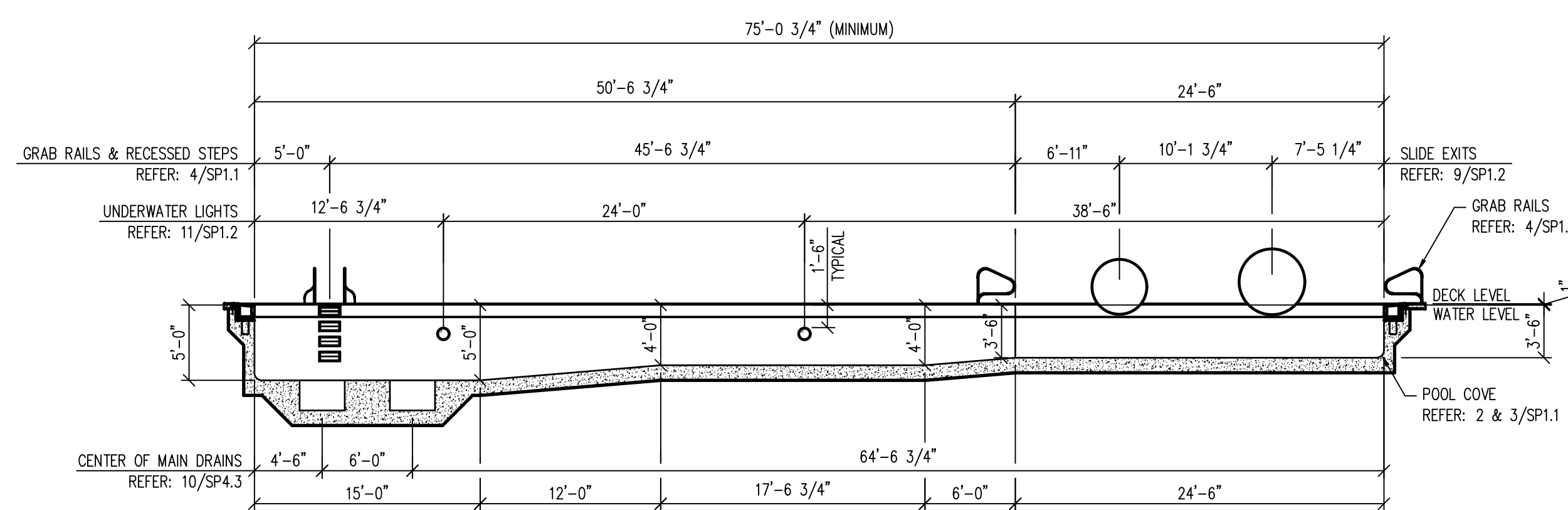
**6 STAIR SECTION**  
SP1.0  
1/2" = 1'-0"



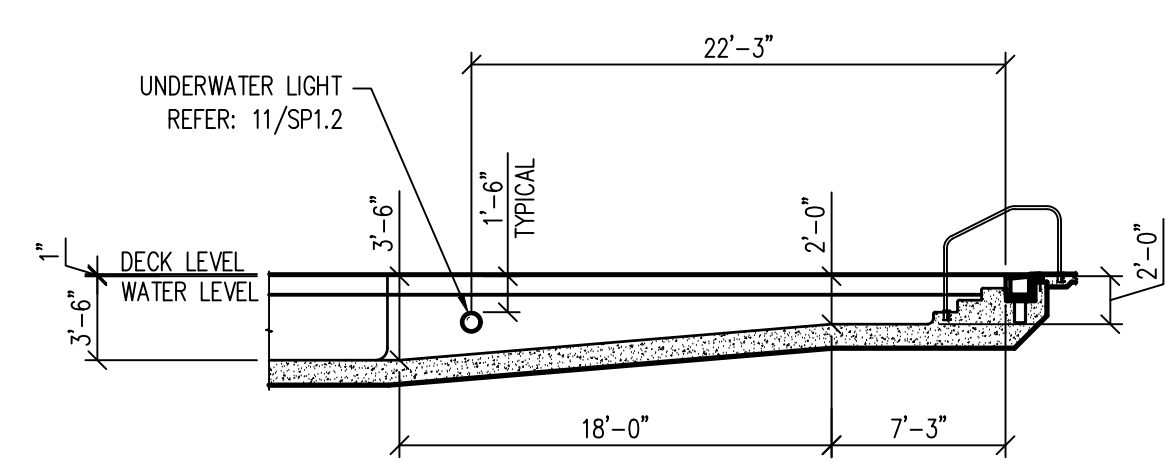
**7 STAIR SECTION**  
SP1.0  
1/2" = 1'-0"



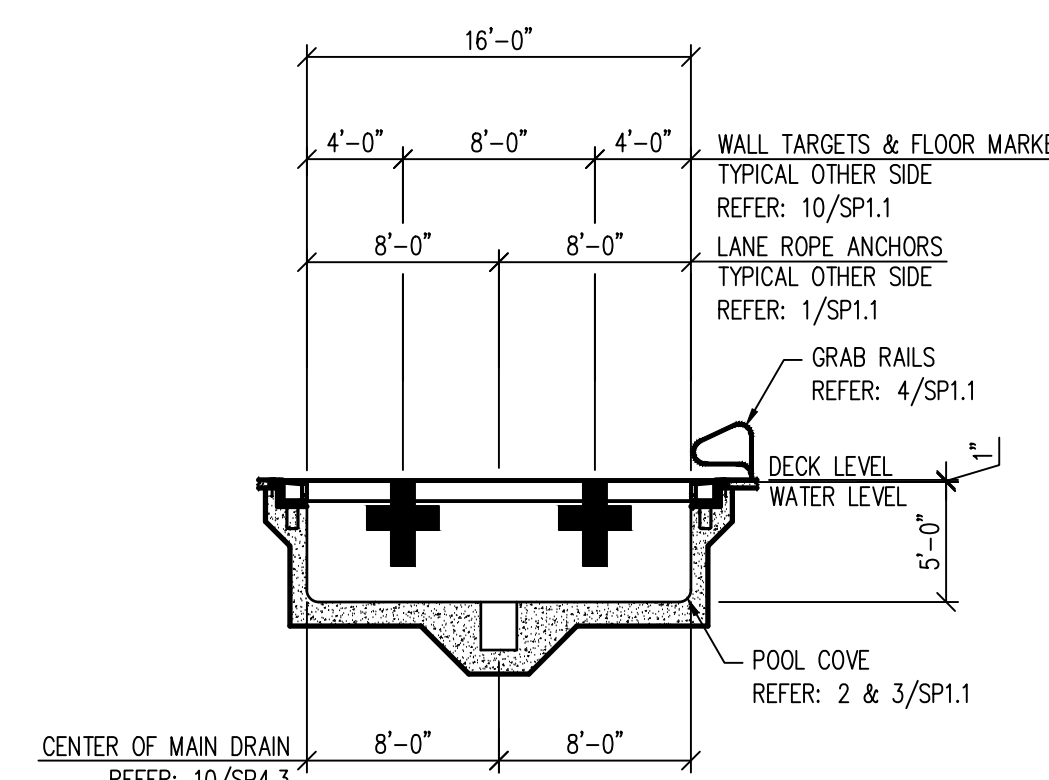
**1 POOL PLAN**  
SP1.0  
1/8" = 1'-0"



**2 POOL SECTION**  
SP1.0  
1/8" = 1'-0"



**4 POOL SECTION**  
SP1.0  
1/8" = 1'-0"



**3 POOL SECTION**  
SP1.0  
1/8" = 1'-0"

DEPTH & WARNING SIGNAGE SCHEDULE	
ID	SIGNAGE
A	0 FT 6 IN
B	1 FT 6 IN
C	2 FT 0 IN
D	2 FT 6 IN
E	3 FT 6 IN
F	4 FT 0 IN
G	5 FT 0 IN
Z	NO DIVING

POOL EQUIPMENT LEGEND		
LEGEND	ID	ITEM
	1	CUP ANCHOR REFER: 1/SP1.1
	2	SAFETY ROPE CUP ANCHOR REFER: 1/SP1.1
	3	BACKSTROKE PENNANT
	4	SAFETY ROPE
	5	GRAB RAILS AND RECESSED STEPS REFER: 4/SP1.1
	6	STANCHION POST AND ANCHOR REFER: 6/SP1.1
	7	POOL LIFT AND ANCHOR REFER: 10/SP1.2
	8	TWIST N SPILL FEATURE REFER: 3/SP1.2
	9	UMBRELLA FEATURE REFER: 4/SP1.2
	10	SPIN SPRAY NO! FEATURE REFER: 5/SP1.2
	11	BUBBLER FEATURE REFER: 2/SP1.2
	12	WATER BASKETBALL REFER: 11/SP1.1
	13	WATER VOLLEYBALL AND ANCHOR REFER: 12/SP1.1
	14	UNDERWATER LIGHT REFER: 11/SP1.2
	N/A	DEPTH MARKERS REFER: 9/SP1.1
	N/A	WARNING SIGNS REFER: 9/SP1.1
	N/A	PORTABLE LIFEGUARD CHAIR



REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Ford Woods Park Pool**

City of Dearborn

DRAWING TITLE  
**POOL PLAN & SECTIONS**

ISSUE DATES

DATE ISSUED FOR:

DRAWN BMH

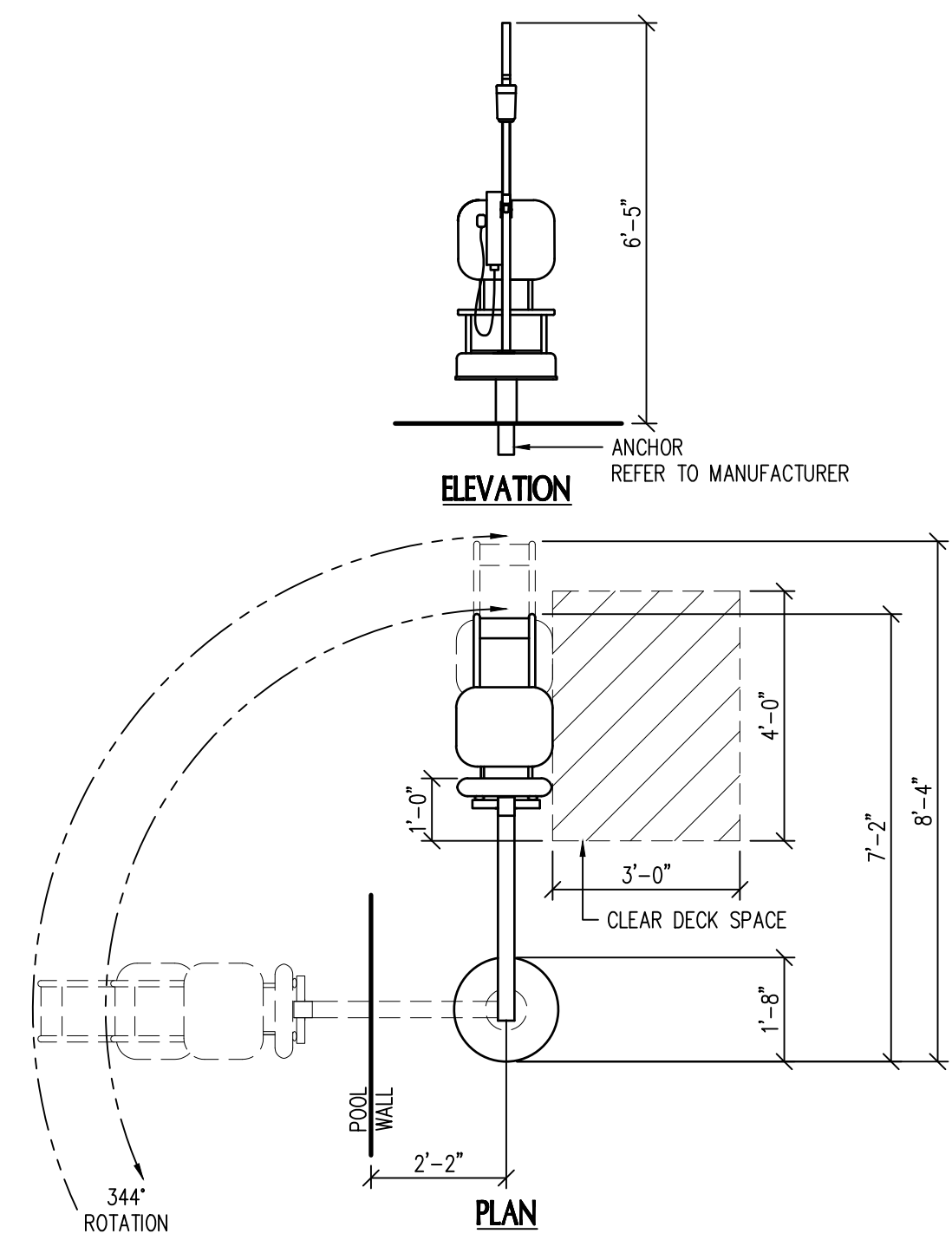
CHECKED CPN

APPROVED CPN

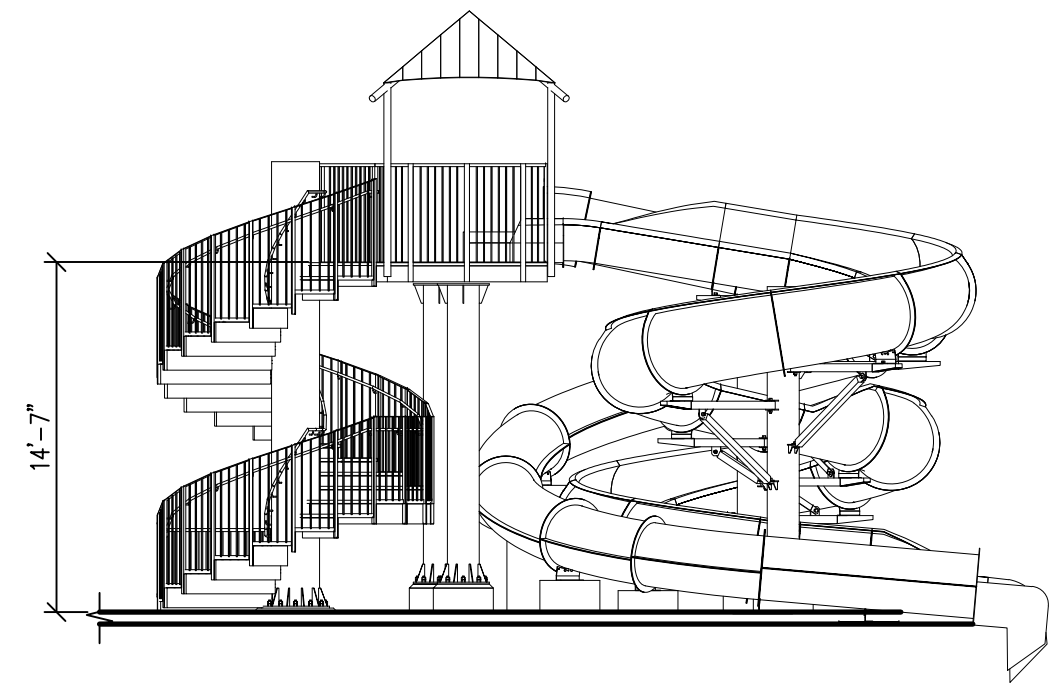
PROJECT NO.  
**17071**

DRAWING NO.  
**SP1.0**

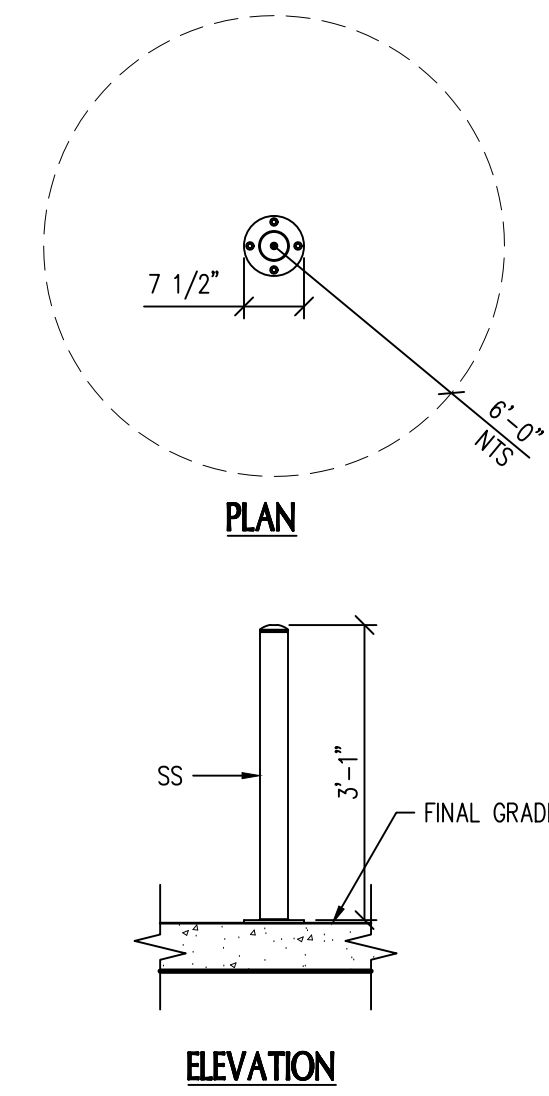




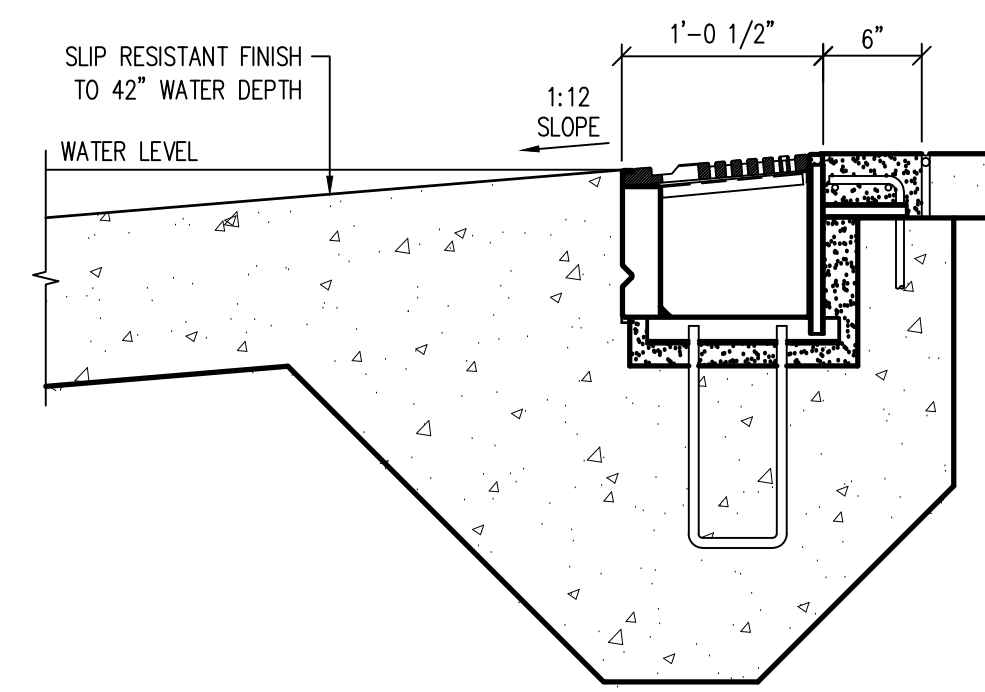
**10 POOL LIFT**  
SP1.2 3/8" = 1'-0"



**7 WATERSLIDE ELEVATION**  
SP1.2 1/8" = 1'-0"

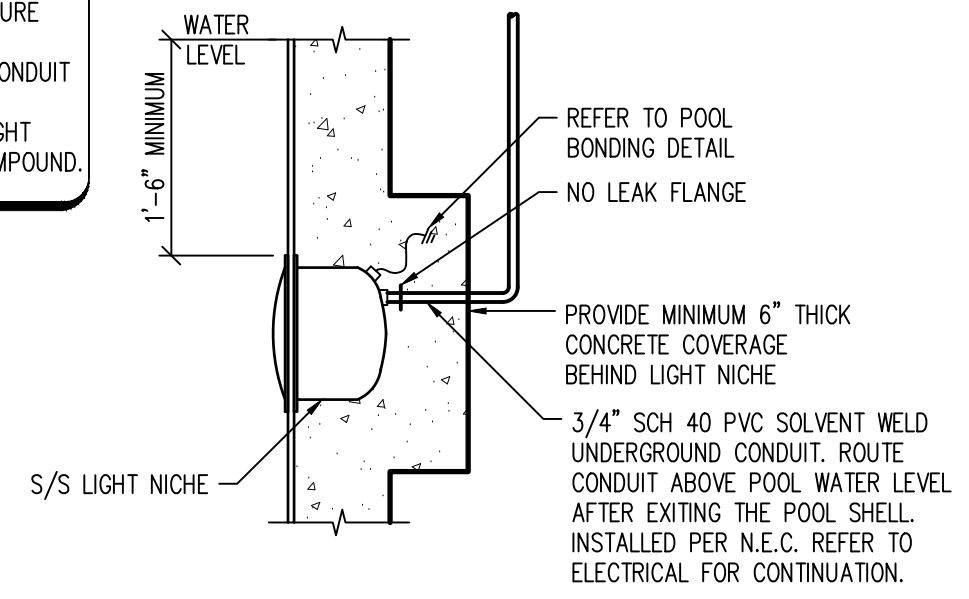


**4 FUNBRELLA FEATURE**  
SP1.2 1/2" = 1'-0"

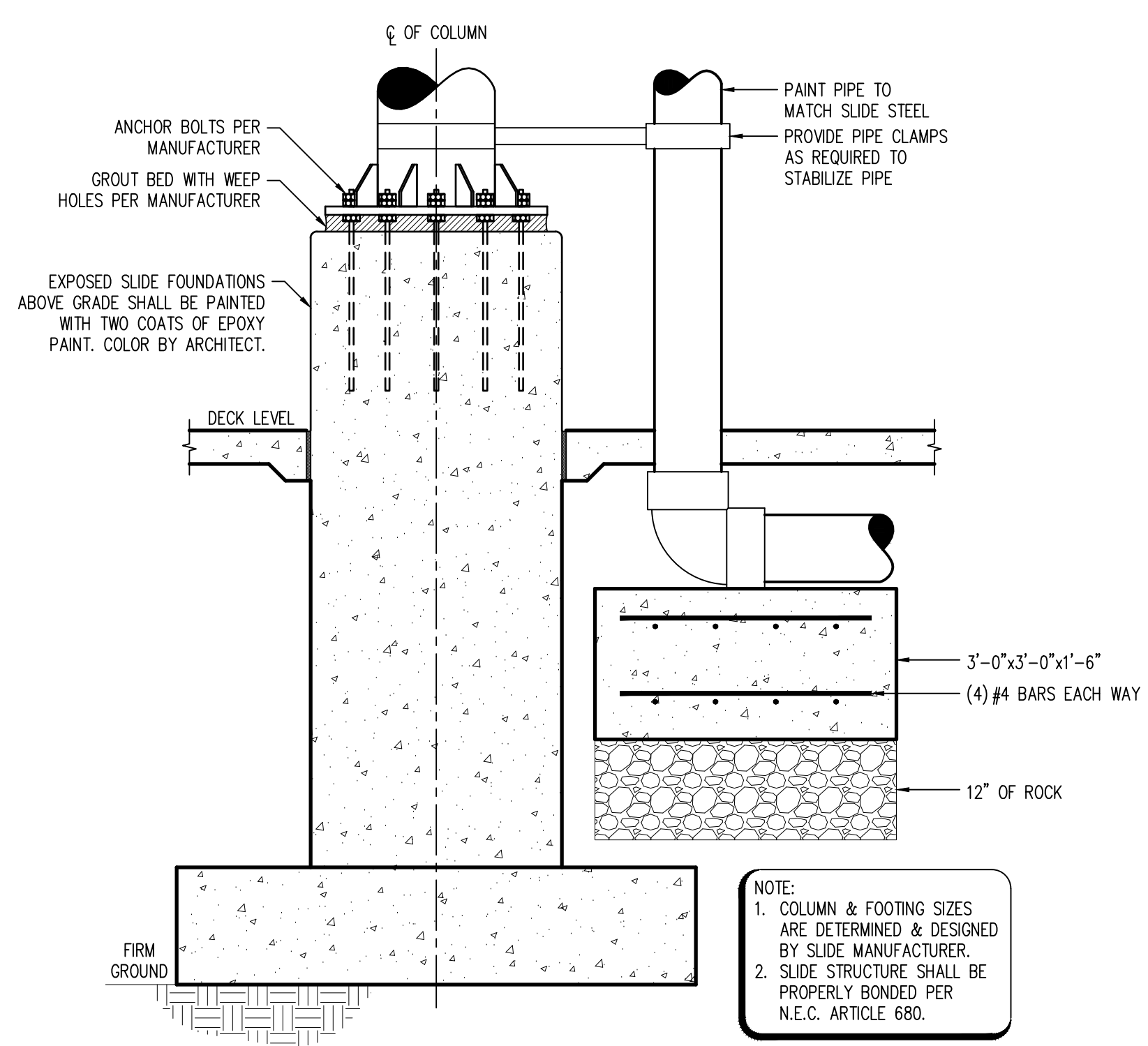


**1 ZERO ENTRY SECTION**  
SP1.2 1" = 1'-0"

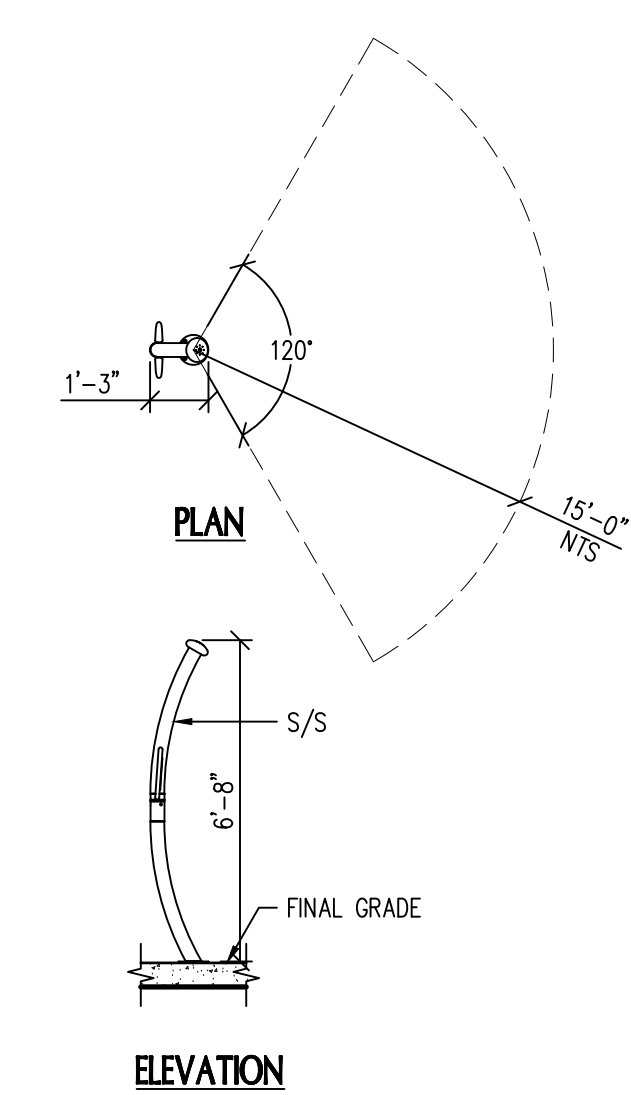
NOTE:  
1. PROVIDE SUFFICIENT CORD AND COIL AROUND LIGHT FIXTURE FOR DECK RELAMPING.  
2. PROVIDE WATER TIGHT CONDUIT TO JUNCTION BOX.  
3. SEAL CONDUIT INSIDE LIGHT NICHE WITH POTTING COMPOUND.



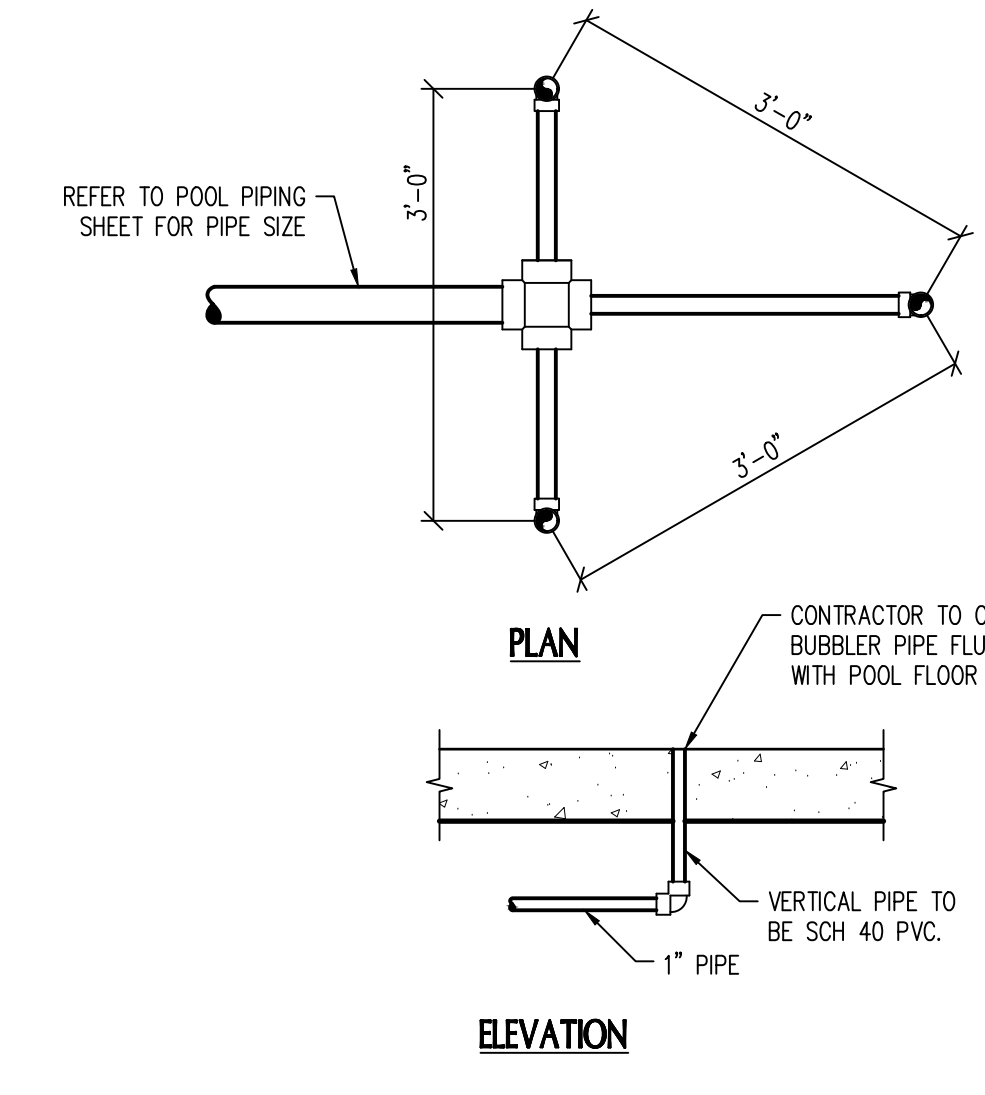
**11 UNDERWATER LIGHT**  
SP1.2 3/4" = 1'-0"



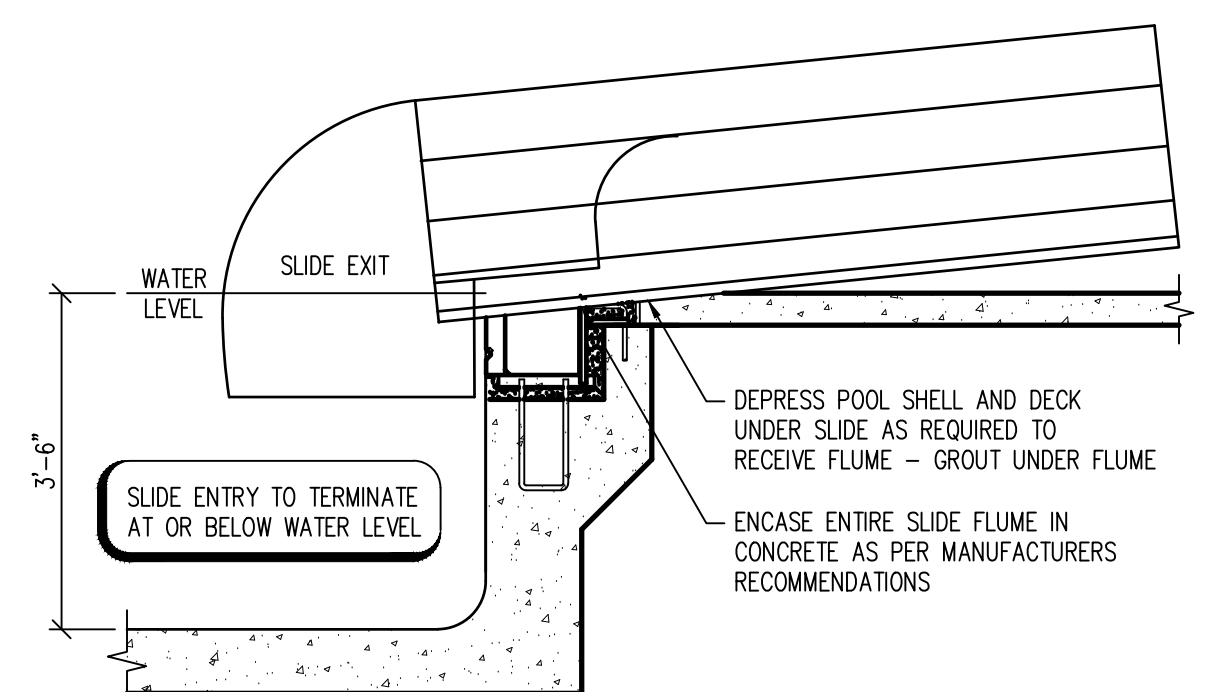
**8 WATERSLIDE COLUMN**  
SP1.2 3/4" = 1'-0"



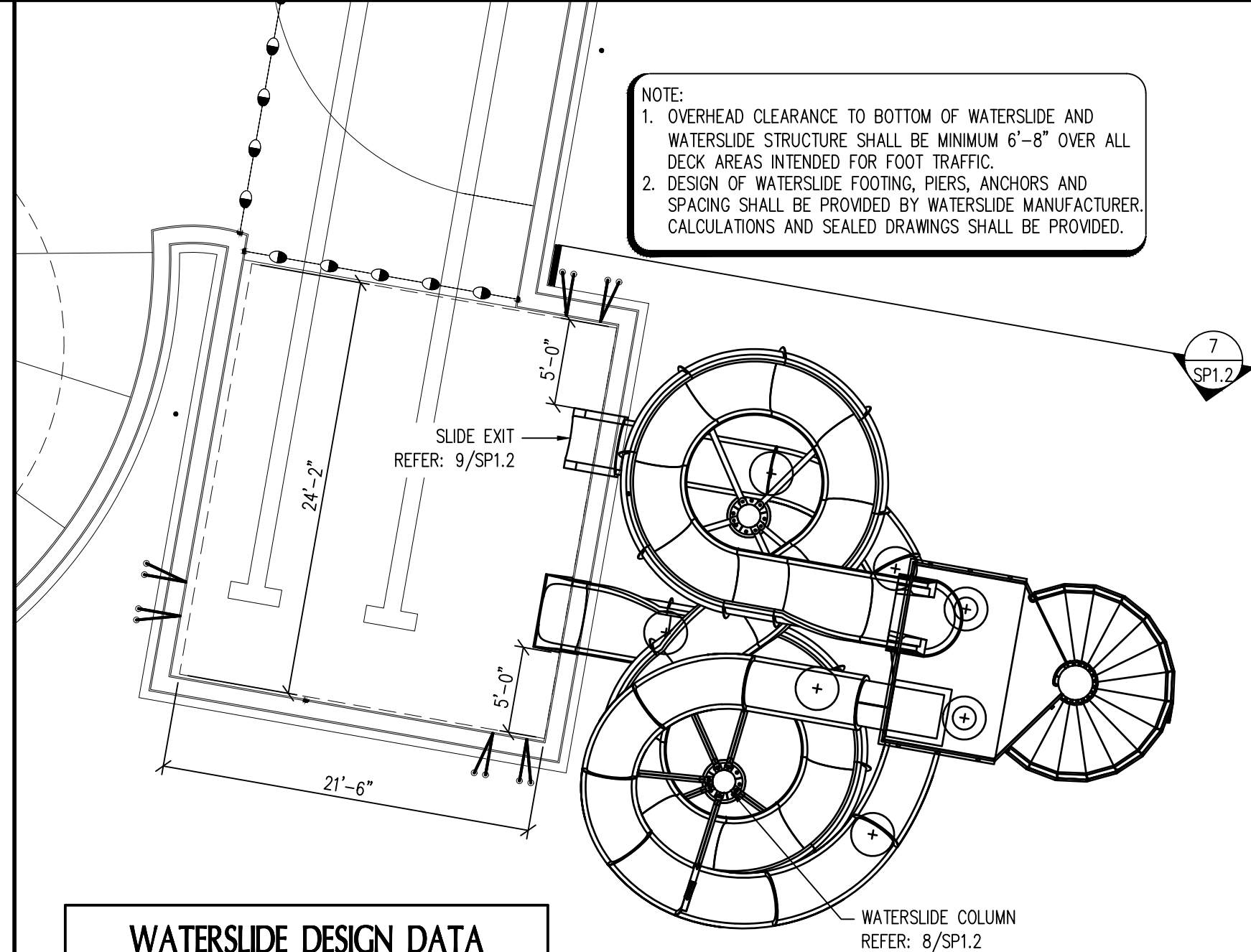
**5 SPIN SPRAY NO1 FEATURE**  
SP1.2 1/4" = 1'-0"



**2 BUBBLER FEATURE**  
SP1.2 3/4" = 1'-0"



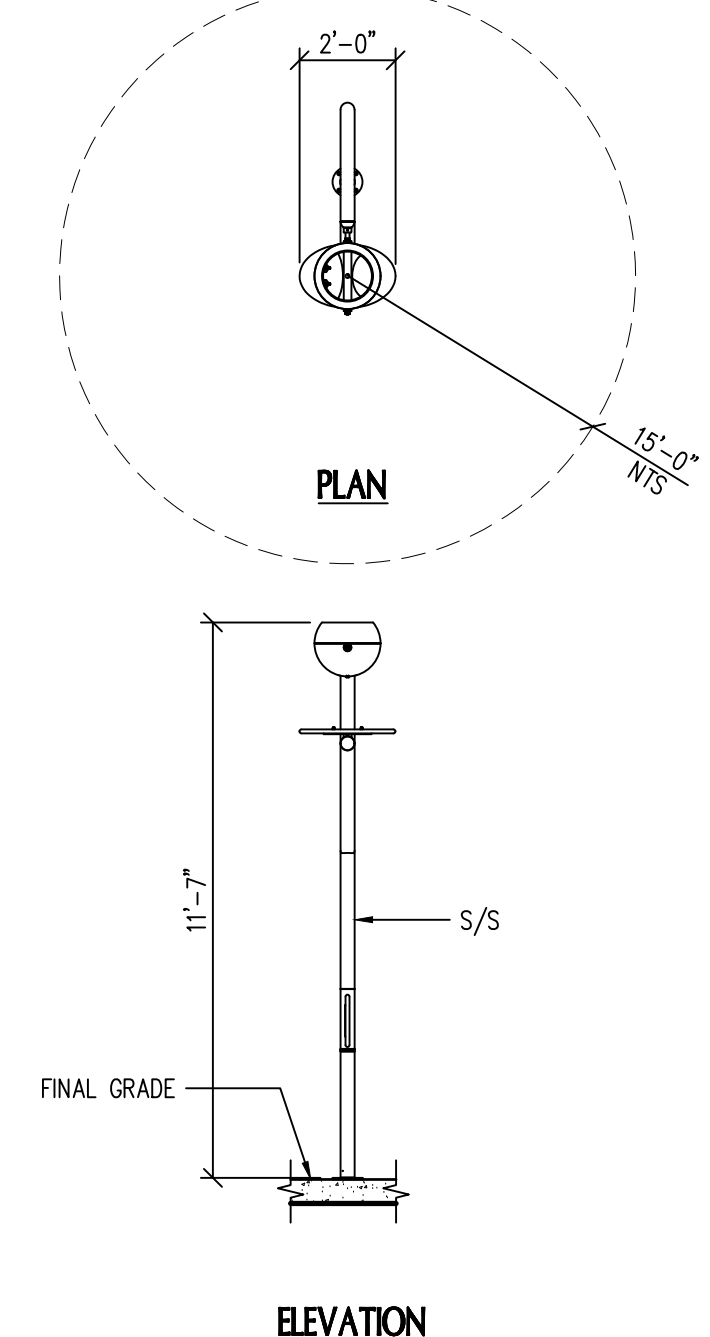
**9 WATERSLIDE EXIT**  
SP1.2 1/2" = 1'-0"



**WATERSLIDE DESIGN DATA**

	WATERSLIDE "A"	WATERSLIDE "B"
POOL PLATFORM HEIGHT	14'-6 31/32"	14'-6 31/32"
WATERSLIDE LENGTH	102'-3 1/8"	82'-6"

**6 WATERSLIDE PLAN**  
SP1.2 1/8" = 1'-0"



**3 TWIST N SPILL NO1 FEATURE**  
SP1.2 1/4" = 1'-0"

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Ford Woods Park Pool**

City of Dearborn

DRAWING TITLE  
**POOL DETAILS**

ISSUE DATES

DATE ISSUED FOR:

DRAWN BMH

CHECKED CPN

APPROVED CPN

PROJECT NO.

**17071**

DRAWING NO.

**SP1.2**



PIPING LEGEND		
LEGEND	QTY.	ITEM
LEISURE POOL		
	1	SIGHT SUMP REFER: 9/SP4.3
	4	GUTTER DROPOUT BOX REFER: 6/SP4.2
	4	MAIN DRAIN REFER: 10/SP4.3
	4	FLOOR INLET REFER: 8/SP4.3
	N/A	BELOW GRADE PIPING

PIPE SCHEDULE	
ID	DESCRIPTION
P1	8" FROM PP3 TO OPEN FLUME WATERSLIDE
P2	10" FROM POOL MAIN DRAINS TO PP3
P3	6" FROM PP2 TO CLOSED FLUME WATERSLIDE
P4	8" FROM POOL MAIN DRAINS TO PP2
P5	10" FROM POOL MAIN DRAINS TO PP1
P6	2" FROM PP4 TO TWIST N SPILL FEATURE
P7	2" FROM PP4 TO FUNDBELLA FEATURE
P8	2" FROM PP4 TO SPIN SPRAY FEATURE
P9	4" FROM PP4 TO BUBBLERS
P10	6" FROM POOL FILTERS TO INTEGRATED GUTTER SYSTEM
P11	8" FROM POOL GUTTER DROPOUT BOXES TO SURGE TANK
P12	8" FROM POOL GUTTER DROPOUT BOXES TO SURGE TANK
P13	4" FROM FILL FUNNEL TO SURGE TANK
P14	6" FROM PP1 TO POOL FILTERS
P15	6" FROM POOL FILTERS TO BACKWASH FUNNEL
P16	3" SURGE TANK VENT TO ATMOSPHERE
P17	6" FROM POOL MAIN DRAINS TO PP4
P18	3" FROM P14 TO BACKWASH FUNNEL
P19	8" FROM POOL MAIN DRAINS TO P5
P20	6" FROM POOL MAIN DRAINS TO P5
P21	3" FROM POOL FILTERS TO ZERO ENTRY FLOOR INLETS

PUMP SCHEDULE								
ID	DESCRIPTION	MANUFACTURER	MODEL	GPM	TDH	HP	NPSHR	NOTES
PP1	REGULATION PUMP REFER: 1/SP4.2	PACO	40128LC	750	75	20	11.93	1,2,3,4
PP2	ENCLOSED FLUME WATERSLIDE PUMP REFER: 1/SP4.2	PACO	40128LC	500	40	7.5	6.51	1,2,3,4,5
PP3	OPEN FLUME WATERSLIDE PUMP REFER: 1/SP4.2	PACO	60128LC	1,000	42	15	4.57	1,2,3,4,5
PP4	FEATURE PUMP REFER: 1/SP4.2	PACO	40128LC	300	30	5	5.95	1,2,3,4,5

NOTE:  
1. THE MANUFACTURER INDICATED IS BASIS OF DESIGN. PUMP MANUFACTURERS: ITT MARLOW, GRISWOLD, PACO OR AURORA SHALL BE CONSIDERED EQUAL PROVIDED THEY MEET SPECIFICATIONS AS INDICATED IN BID DOCUMENTS.  
2. PROVIDE WITH 460 VOLT, 3 PHASE, 60HZ, 1750 RPM MOTOR.  
3. PROVIDE WITH CHECK VALVE.  
4. PROVIDE VARIABLE FREQUENCY DRIVE.  
5. PROVIDE REMOTE PUMP START.  
6. PROVIDE EMERGENCY STOP.

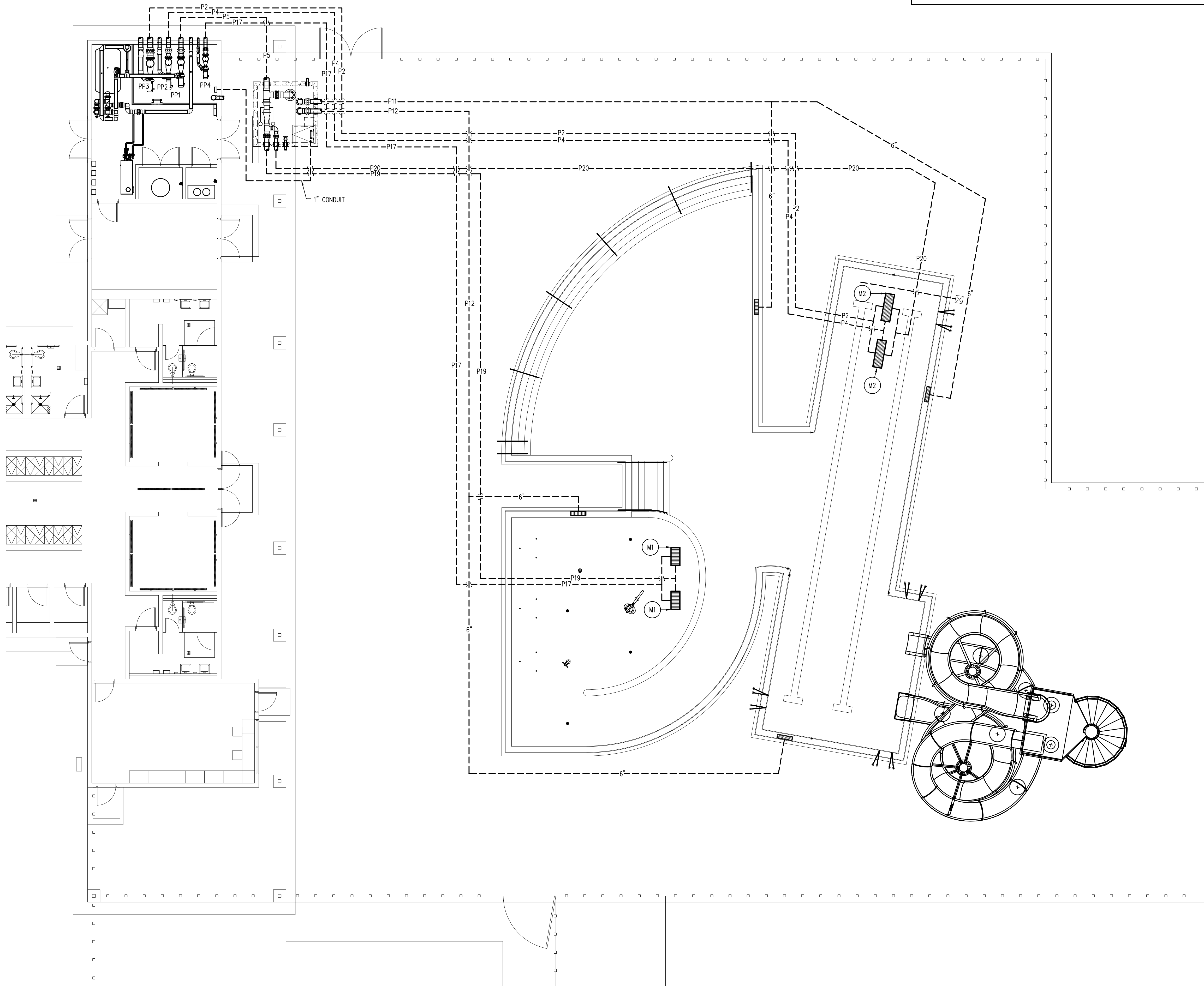
CHEMICAL FEED PUMP SCHEDULE							
ID	DESCRIPTION	MANUFACTURER	MODEL	TUBE #	HP	FLOW (GAL/DAY)	NOTES
PP5	CHLORINATION BOOSTER PUMP REFER: 7/SP4.2	STENNER	45M4	4	FRAC	35	1,2,3
PP6	ACID FEED PUMP REFER: 3/SP4.2	STENNER	45M3	3	FRAC	22	1,2,3

NOTE:  
1. THE MANUFACTURER INDICATED IS BASIS OF DESIGN. ALTERNATE MANUFACTURER: LMI OR APPROVED EQUAL.  
2. PROVIDE WITH 120 VOLT, SINGLE PHASE, ADJUSTABLE FEED.  
3. INTERLOCK WITH POOL REGULATION PUMP.

- ### GENERAL PIPING NOTES
- PROVIDE ALL MATERIALS AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERATIONAL PIPING SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED AND AS REQUIRED BY CODE.
  - PIPE SIZES INDICATED ARE NOMINAL, I.P.S.
  - UNLESS OTHERWISE NOTED, ALL OVERHEAD PIPING SHALL BE TIGHT TO UNDERSIDE OF STRUCTURE OR SLAB.
  - ALL BALANCING VALVES AND BUTTERFLY VALVES SHALL BE PROVIDED WITH POSITION INDICATORS AND MAXIMUM ADJUSTABLE STOPS (MEMORY STOPS).
  - ALL VALVES SHALL BE INSTALLED SO THAT THE VALVE REMAINS IN SERVICE WHEN THE EQUIPMENT OR PIPING ON THE EQUIPMENT SIDE OF THE VALVE IS REMOVED.
  - PROVIDE CHAIN WHEEL OPERATORS FOR ALL VALVES IN EQUIPMENT ROOMS MOUNTED GREATER THAN 7'-0" ABOVE FINISHED FLOOR; CHAIN SHALL EXTEND TO 7'-0" ABOVE FINISHED FLOOR LEVEL.
  - INSTALL ALL PIPING WITHOUT FORCING OR SPRINGING.
  - ALL PIPING WORK SHALL BE COORDINATED WITH ALL TRADES AND SITE CONDITIONS, OFFSETS, EXPANSION LOOPS, OR TRANSITIONS IN PIPING AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
  - ALL PIPING INDICATED SHALL BE CONSIDERED DIAGRAMMATIC.
  - ALL SWIMMING POOL PIPING ROUTED BELOW THE POOL SHELL SHALL BE CONCRETE ENCASED SCHEDULE 40 PVC. REFER: 12/SP4.3
  - ALL UNDERGROUND OR EXPOSED SWIMMING POOL PIPING SHALL BE SCHEDULE 80 PVC UNLESS OTHERWISE NOTED. CONTRACTOR SHALL REFER TO PLANS AND SPECIFICATIONS FOR ANY SPECIFIC REQUIREMENTS REGARDING PLACEMENT AND BACKFILLING OF BELOW GRADE POOL PIPE.
  - ALL DIMENSIONS INDICATED FROM THE FINISH WALL SURFACE AND DO NOT ACCOUNT FOR ANY VARIATIONS IN EITHER GRADE OR SLOPE DISTANCES.
  - THE CHEMICAL SENSOR LINE SHALL BE A 3/4" TO 1" DIAMETER, SCHEDULE 80 PVC PIPE EXTENDED FROM THE WET CELL SENSOR TO ITS RESPECTIVE FILL FUNNEL AND THE BACKWASH CATCH BASIN OR PUMP SUCTION.
  - ALL FLOOR INLETS SHALL BE ADJUSTED TO ACHIEVE AN EVEN FLOW DISTRIBUTION THROUGHOUT SYSTEMS.
  - ALL PIPE TEES SHALL BE SIZED FOR LARGEST PIPE CONNECTION.
  - ACID VENT PIPING TO ATMOSPHERE
  - ALL GUTTER DROPOUT LINES SHALL SLOPE 1/8" PER FOOT MINIMUM
- ### POOL PIPING WINTERIZATION NOTES
- ALL POOL PIPING SHALL HAVE THE CAPABILITY TO BE DRAINED FOR WINTERIZATION. (OUTDOOR POOLS ONLY)
  - ALL POOL SUCTION AND GRAVITY PIPING SHALL BE INSTALLED WITH A CONSTANT SLOPE TO THE MAIN DRAINS AND/OR SURGE TANK.
  - ALL POOL RETURN PIPING SHALL HAVE THE ABILITY TO COMPLETELY DRAIN TO THE 2" WINTERIZATION LINE AS SHOWN ON THE DRAWINGS.
  - ALL POOL SUCTION AND RETURN PIPING SHALL SLOPE BACK TO THE POOL MECHANICAL ROOM. A WINTERIZATION TAP AND VALVE SHALL BE PROVIDED ON PIPING ALLOWING THE ABILITY FOR ALL PIPING TO BE COMPLETELY DRAINED.
  - BLOW OUT ALL PIPES BY MEANS OF AN AIR BLOWER AND A WINTERIZATION TAP. CAP ALL PIPES. FOR ADDED PROTECTION AGAINST FREEZING PIPES, THE PIPES CAN BE FILLED WITH ANTI-FREEZE. REFER: 11/SP4.3

MAIN DRAIN SCHEDULE					
ID	DESCRIPTION	SIZE	QTY	DESIGN FLOW (GPM)	DESIGN VELOCITY (FPS) EACH
M1	ZERO ENTRY	18X36	2	500	0.47
M2	LAP LANES	18X54	2	2,050	1.28

NOTE:  
1. MAXIMUM FACE VELOCITY SHALL NOT EXCEED 1.0 FEET PER SECOND WITH BODY BLOCKING ELEMENT 1.5 FEET PER SECOND WITH ONE DRAIN OFF LINE.  
2. OPEN AREA IS BASED ON MANUFACTURER'S DATA.  
3. THE INSTALLED LIFE OF THE MAIN DRAIN COVER SHALL BE 10 YEARS.  
4. ALL MAIN DRAINS SHALL BE INSTALLED IN THE POOL FLOOR. WALL SUMP'S WILL NOT BE PERMITTED.  
5. THE ENGINEER OF RECORD IS CERTIFYING THE CUSTOM PRE-FABRICATED OR FIELD-FABRICATED SUMP DESIGN IS IN COMPLIANCE WITH ASME/ANSI A112.19.8-2007 IN REGARDS TO MAXIMUM ALLOWABLE FLOW THROUGH THE COVER. REFER TO MAIN DRAIN SCHEDULE. THE SUCTION OUTLET COVER DESIGN HEREIN MEETS THE NSF TESTING IN REGARDS TO THE SPECIFIED FRAME AND GRATE. MEETING THE DESIGN CONSIDERATIONS OF THE COVER/GRATE LOADINGS, DURABILITY, FINGER AND LIMB ENTRAPMENT ISSUES, COVER/GRATE SECONDARY LAYER OF PROTECTION, AND OTHER FEATURES SPECIFIC TO THE SITE AND IN CONFORMANCE TO THE ASME/ANSI A112.19.8-2007.



1  
SP3.0  
POOL SUCTION PIPING PLAN  
1/8" = 1'-0"



REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Ford Woods Park Pool**

City of Dearborn

DRAWING TITLE  
**POOL SUCTION PIPING PLAN**

ISSUE DATES

DATE ISSUED FOR:

DRAWN BMH

CHECKED CPN

APPROVED CPN

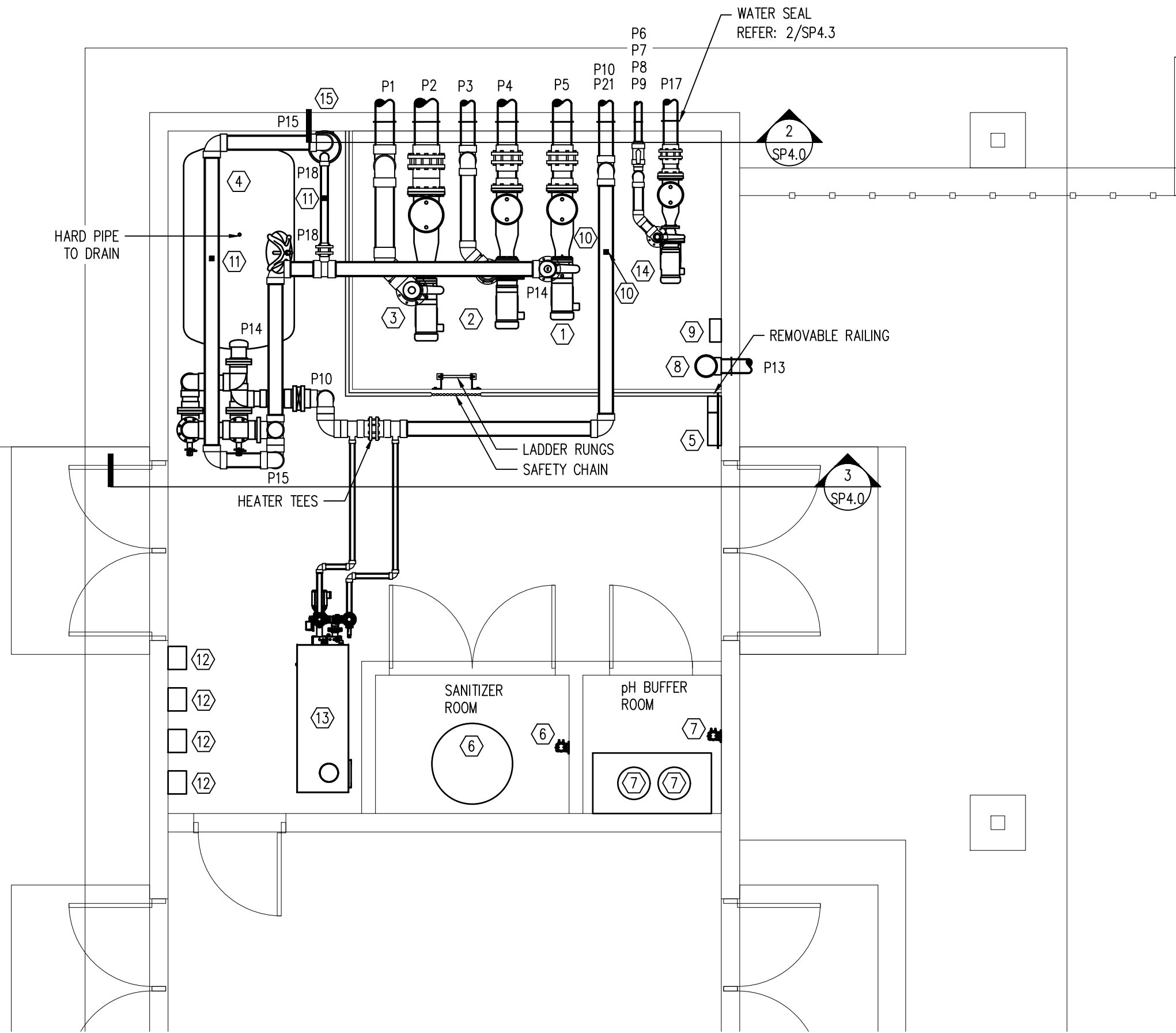
PROJECT NO.

**17071**

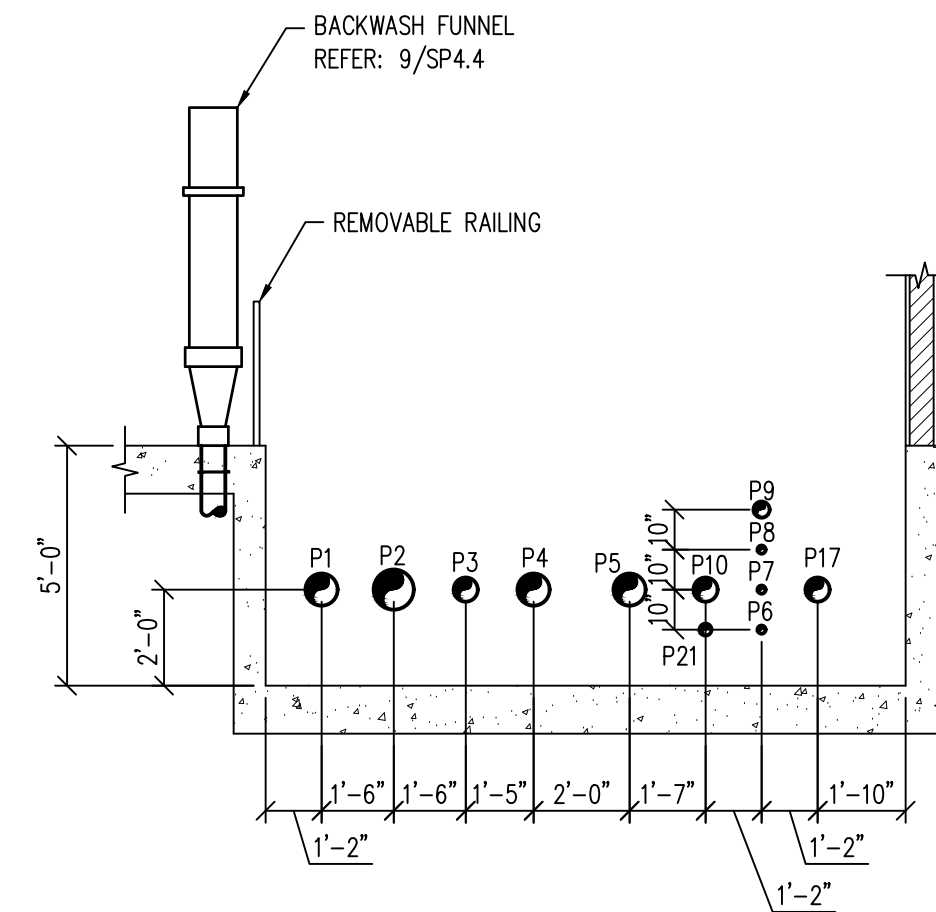
DRAWING NO.

**SP3.0**

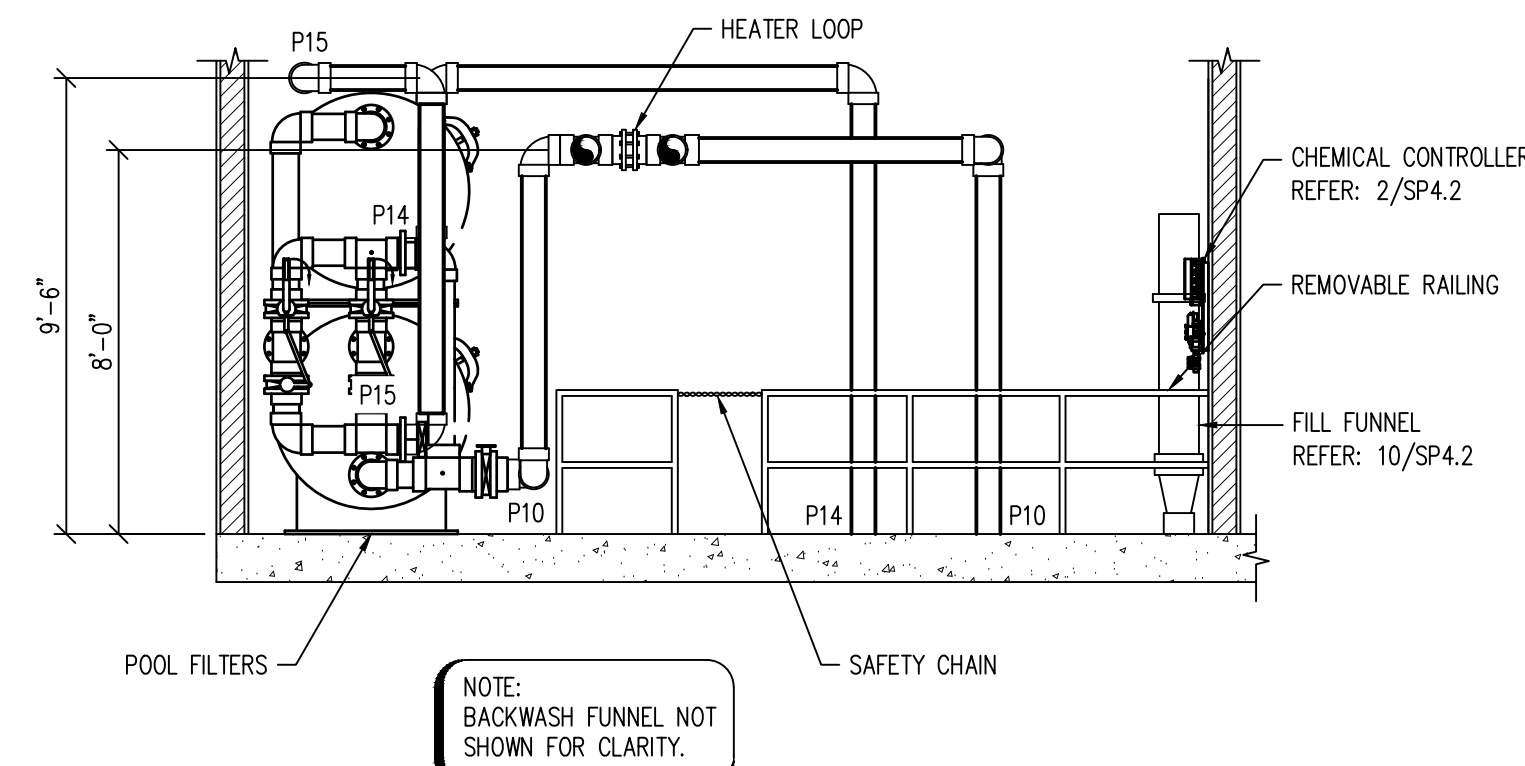




1 POOL MECHANICAL ROOM PLAN  
1/4" = 1'-0"



2 POOL MECHANICAL ROOM SECTION  
1/4" = 1'-0"



3 POOL MECHANICAL ROOM SECTION  
1/4" = 1'-0"

EQUIPMENT SCHEDULE	
ID	ITEM
POOL	
1	RECIRCULATION PUMP (PP1) REFER: 1/SP4.2
2	ENCLOSED FLUME WATERSLIDE PUMP (PP2) REFER: 1/SP4.2
3	OPEN FLUME WATERSLIDE PUMP (PP3) REFER: 1/SP4.2
4	FILTER SYSTEM
5	CHEMICAL CONTROLLER REFER: 2/SP4.2
6	CHLORINATION SYSTEM (PP4) REFER: 7/SP4.2
7	ACID SYSTEM (PP5) REFER: 3/SP4.2
8	FILL FUNNEL REFER: 10/SP4.2
9	WATER LEVEL CONTROLLER REFER: 1/SP4.4
10	FLOW METER SENSOR REFER: 11/SP4.2
11	IMPACT FLOW METER REFER: 1/SP4.3
12	VFD
13	HEATER REFER: 5/SP4.3
14	FEATURE PUMP (PP4) REFER: 1/SP4.2
15	BACKWASH FUNNEL REFER: 9/SP4.4

PIPE SCHEDULE	
ID	DESCRIPTION
P1	8" FROM PP3 TO OPEN FLUME WATERSLIDE
P2	10" FROM POOL MAIN DRAINS TO PP3
P3	6" FROM PP2 TO CLOSED FLUME WATERSLIDE
P4	8" FROM POOL MAIN DRAINS TO PP2
P5	10" FROM POOL MAIN DRAINS TO PP1
P6	2" FROM PP4 TO TWIST N SPILL FEATURE
P7	2" FROM PP4 TO FUNNEL FEATURE
P8	2" FROM PP4 TO SPIN SPRAY FEATURE
P9	4" FROM PP4 TO BUBBLERS
P10	8" FROM POOL FILTERS TO INTEGRATED GUTTER SYSTEM
P11	8" FROM POOL GUTTER DROPOUT BOXES TO SURGE TANK
P12	8" FROM POOL GUTTER DROPOUT BOXES TO SURGE TANK
P13	4" FROM FILL FUNNEL TO SURGE TANK
P14	6" FROM PP1 TO POOL FILTERS
P15	6" FROM POOL FILTERS TO BACKWASH FUNNEL
P16	3" SURGE TANK VENT TO ATMOSPHERE
P17	6" FROM POOL MAIN DRAINS TO PP4
P18	3" FROM P14 TO BACKWASH FUNNEL
P19	8" FROM POOL MAIN DRAINS TO P5
P20	8" FROM POOL MAIN DRAINS TO P5
P21	3" FROM POOL FILTERS TO ZERO ENTRY FLOOR INLETS

**GENERAL POOL MECHANICAL ROOM NOTES**

- POOL PUMPS, STRAINERS, AND HEATERS SHALL BE INSTALLED ON HOUSEKEEPING PADS UNLESS NOTED OTHERWISE.
- EQUIPMENT ROOM FLOOR SHALL SLOPE 1/4" TO 1/2" TO FLOOR DRAINS.
- PUMP PIT FLOOR SHALL SLOPE MIN 1/4" TO 1/2" TO SUMP PIT. REFER TO PLUMBING.
- THE FLOOR DRAINS INDICATED ARE IN APPROXIMATE LOCATIONS. REFER TO PLUMBING.
- PROVIDE HOSE BIBBS FOR HOUSE CLEANING PURPOSES. REFER BUILDING MECHANICAL DRAWINGS.
- THE INSIDE SURFACES OF THE BACKWASH CATCH BASIN SHALL BE WATERPROOFED. REFER TO SPECIFICATION.
- VENTILATION OF POOL MECHANICAL ROOM AND CHEMICAL STORAGE AREAS PER LOCAL, STATE AND INTERNATIONAL MECHANICAL CODE MINIMUM. REFER TO MECHANICAL.
- THE FOLLOWING INFORMATION SHALL BE LAMINATED AND POSTED IN THE POOL MECHANICAL ROOM: BACKWASH PROCEDURE, POOL FILING & DRAINING, VALVE REFERENCE CHART, POOL MECHANICAL ROOM PLAN, POOL PIPING SCHEMATICS & POOL SYSTEMS SCHEMATICS.
- REFER TO MECHANICAL FOR HVAC SYSTEMS DESIGN.
- REFER TO ARCHITECTURAL DRAWINGS FOR LADDER RUNGS, SAFETY CHAIN, & REMOVABLE RAILING AT PUMP PIT.

**PIPING**

- MINIMUM 7'-0" CLEARANCE BENEATH ALL OVERHEAD PIPING.
- PROVIDE AND SUPPORT OVERHEAD AND VERTICAL PIPING PER SPECIFICATION REQUIREMENTS.
- LABEL AND IDENTIFY ALL PIPING IN COMPLIANCE WITH THE SPECIFICATIONS.
- ALL FLOW METERS SHALL BE SIZED TO MATCH THE PIPE ON WHICH IT IS INSTALLED. PROVIDE PRESSURE GAUGES ON INFLUENT AND EFFLUENT SIDE OF EACH FILTRATION SYSTEM AND A FULL LINE SIZE FLOW METER ON FILTER RETURN.
- THE BACKWASH PIPING SHALL TERMINATE NO CLOSER THAN 6" ABOVE THE FLOOD RIM OF THE BACKWASH FUNNEL OR TWICE THE PIPE DIAMETER, WHICHEVER IS GREATER.
- HYDROSTATICALLY TEST ALL PIPING AT 50 PSI FOR TWO HOURS AND MAINTAIN A PRESSURE OF 20 PSI IN ALL PIPING THROUGHOUT CONSTRUCTION. SECURE ALL FIXTURES PER SPECIFICATION REQUIREMENTS BEFORE HYDROSTATIC TEST.

**FILTERS**

- ALL FILTER SUPPORTS SHALL BE SEISMICALLY RATED FOR THE SEISMIC ZONE IN WHICH IT IS INSTALLED IN ACCORDANCE WITH LOCAL AND/OR STATE REQUIREMENTS.
- FILTER MANUFACTURER SHALL CERTIFY FILTER MEDIA.
- VALVES SHALL BE PROVIDED TO BACKWASH EACH FILTER VESSEL INDEPENDENTLY.
- FILTER TANK ASSEMBLIES SHALL BEAR THE NATIONAL SANITATION FOUNDATION SEAL OF APPROVAL FOR A MAXIMUM FLOW RATE OF 20 GPM PER SQUARE FOOT OF FILTER MEDIA.
- THE BACKWASH THROTTLING VALVE(S) HANDLE SHALL BE REMOVED AND TURNED OVER TO THE OWNER ONCE THE BACKWASH FLOW RATE(S) HAVE BEEN TESTED, ADJUSTED AND BALANCED.
- PROVIDE 1" DIAMETER, SCHEDULE 80 PIPE FROM THE AUTOMATIC AIR VENT ON EACH FILTER VESSEL TO THE NEAREST FLOOR DRAIN OR BACKWASH CATCH BASIN. THE VENT PIPE SHALL BE SLOPED TO THE DRAIN.
- VESSEL SHALL BE BACKWASHED AT NO LESS THAN 15.0 GPM/SF.

**CHEMICAL TREATMENT**

- CHEMICAL FEED REQUIREMENTS - REFER TO THE POOL SYSTEMS SCHEMATIC(S) ON SP5.0.
- INTERLOCK POOL CIRCULATION PUMP(S) WITH ITS CORRESPONDING WATER CHEMISTRY CONTROLLER, CHEMICAL FEED PUMP(S), AND HEATER(S).
- PROVIDE SIGNAGE ON CHEMICAL ROOM DOORS IN COMPLIANCE WITH THE STATE FIRE CODE. REFER 9/SP4.2.
- SECURE CHEMICAL METERING PUMP FEED LINES TO WALL AND/OR OVERHEAD WITH CLIPS OR DEVICES THAT DO NOT CRIMP, DISTORT OR ALLOW HIGH AND LOW AREAS IN TUBING RUNS. PROVIDE CHECK VALVE AND SHUT-OFF VALVE BEFORE LINES ENTER POOL RETURN PIPING.
- WATER CHEMISTRY CONTROLLERS SHALL CONTROL THE SANITIZING SYSTEM AND PH CONTROL SYSTEM AND SHUT THEM DOWN UPON LOSS OF SAMPLE STREAM FLOW.
- THE CHEMICAL CONTROL SYSTEM BYPASS LINE SHALL SAMPLE WATER AFTER THE FILTERS AND BEFORE THE HEATER BYPASS LINE.

**PUMPS**

- PROVIDE INFLUENT AND EFFLUENT GAUGES FOR EACH PUMP. PRESSURE GAUGES HAVE A RANGE OF 0-100 PSI. COMPOUND GAUGES HAVE A RANGE OF 0-30 HG / 0-60 PSI.

**ELECTRICAL**

- GPO'S PROVIDED AT OUTLETS. REFER TO ELECTRICAL.
- POOL EQUIPMENT ROOM AND CHEMICAL STORAGE AREAS SHALL BE PROVIDED WITH ARTIFICIAL LIGHTING SUFFICIENT TO ILLUMINATE ALL EQUIPMENT AND SUPPLIES. REFER TO ELECTRICAL.
- PROVIDE ELECTRICAL CONNECTION TO POOL HEATERS. REFER TO ELECTRICAL.

PUMP SCHEDULE								
ID	DESCRIPTION	MANUFACTURER	MODEL	GPM	TDH	HP	NPISHR	NOTES
PP1	RECIRCULATION PUMP REFER: 1/SP4.2	PACO	40129LC	750	75	20	11.93	1,2,3,4
PP2	ENCLOSED FLUME WATERSLIDE PUMP REFER: 1/SP4.2	PACO	40129LC	500	40	7.5	6.51	1,2,3,4,5
PP3	OPEN FLUME WATERSLIDE PUMP REFER: 1/SP4.2	PACO	60123LC	1,000	42	15	4.57	1,2,3,4,5
PP4	FEATURE PUMP REFER: 1/SP4.2	PACO	4012ALC	300	30	5	5.95	1,2,3,4,5

NOTE:  
 1. THE MANUFACTURER INDICATED IS BASIS OF DESIGN. PUMP MANUFACTURERS: ITT MARLOW, GRISWOLD, PACO OR AURORA SHALL BE CONSIDERED EQUAL PROVIDED THEY MEET SPECIFICATIONS AS INDICATED IN BID DOCUMENTS.  
 2. PROVIDE WITH 460 VOLT, 3 PHASE, 60HZ, 1750 RPM MOTOR.  
 3. PROVIDE WITH CHECK VALVE.  
 4. PROVIDE VARIABLE FREQUENCY DRIVE.  
 5. PROVIDE REMOTE PUMP START.  
 6. PROVIDE EMERGENCY STOP.

CHEMICAL FEED PUMP SCHEDULE							
ID	DESCRIPTION	MANUFACTURER	MODEL	TUBE #	HP	FLOW (GAL/DAY)	NOTES
PP5	CHLORINATION BOOSTER PUMP REFER: 7/SP4.2	STENNER	45M4	4	FRAC	35	1,2,3
PP6	ACID FEED PUMP REFER: 3/SP4.2	STENNER	45M3	3	FRAC	22	1,2,3

NOTE:  
 1. THE MANUFACTURER INDICATED IS BASIS OF DESIGN. ALTERNATE MANUFACTURER: LMI OR APPROVED EQUAL.  
 2. PROVIDE WITH 120 VOLT, SINGLE PHASE, ADJUSTABLE FEED.  
 3. INTERLOCK WITH POOL RECIRCULATION PUMP.



REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Ford Woods Park Pool**

City of Dearborn

DRAWING TITLE  
**POOL MECHANICAL ROOM PLAN & SECTIONS**

ISSUE DATES

DATE ISSUED FOR:

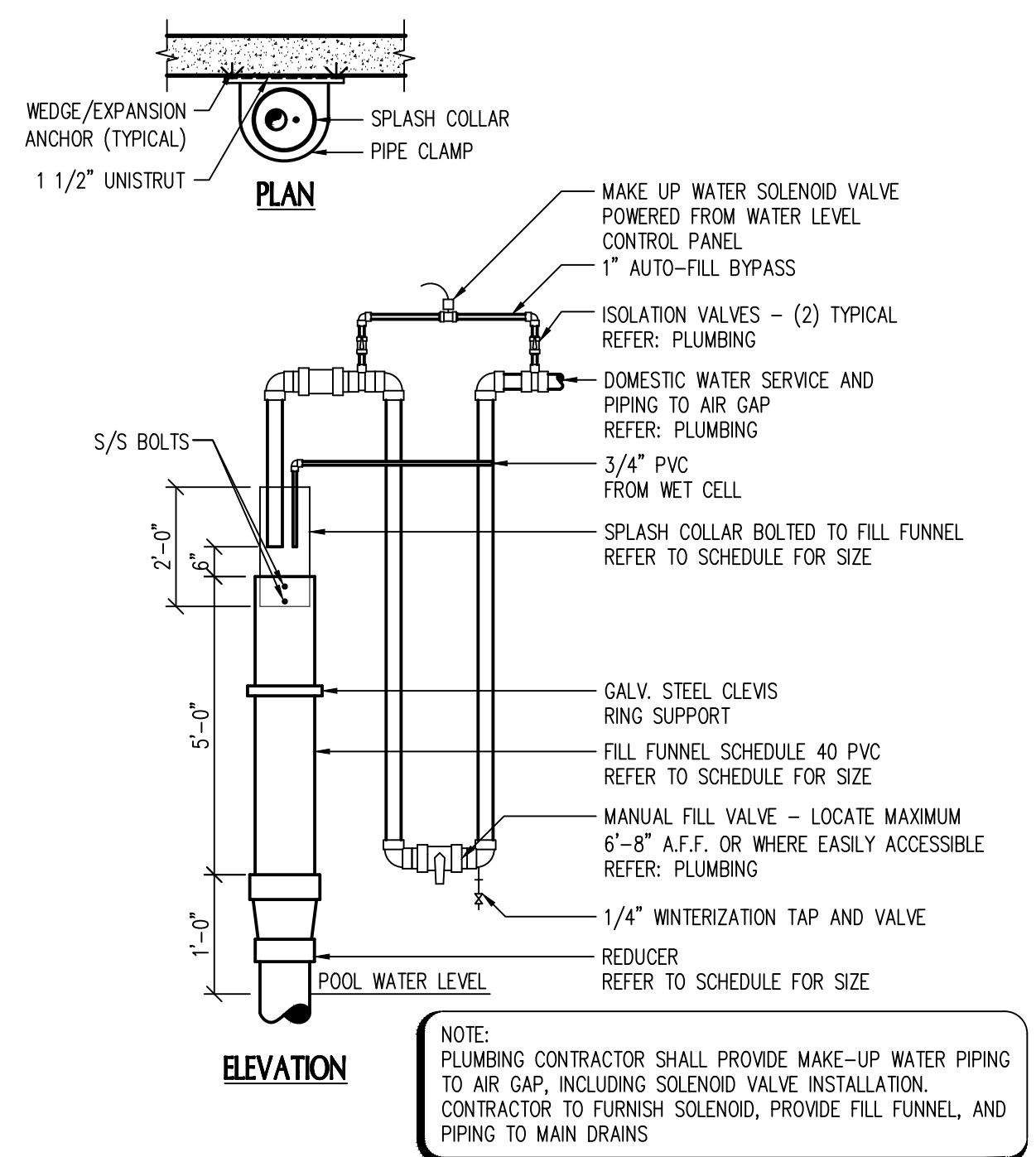
DRAWN BMH  
 CHECKED CPN  
 APPROVED CPN

PROJECT NO.  
**17071**

DRAWING NO.  
**SP4.0**



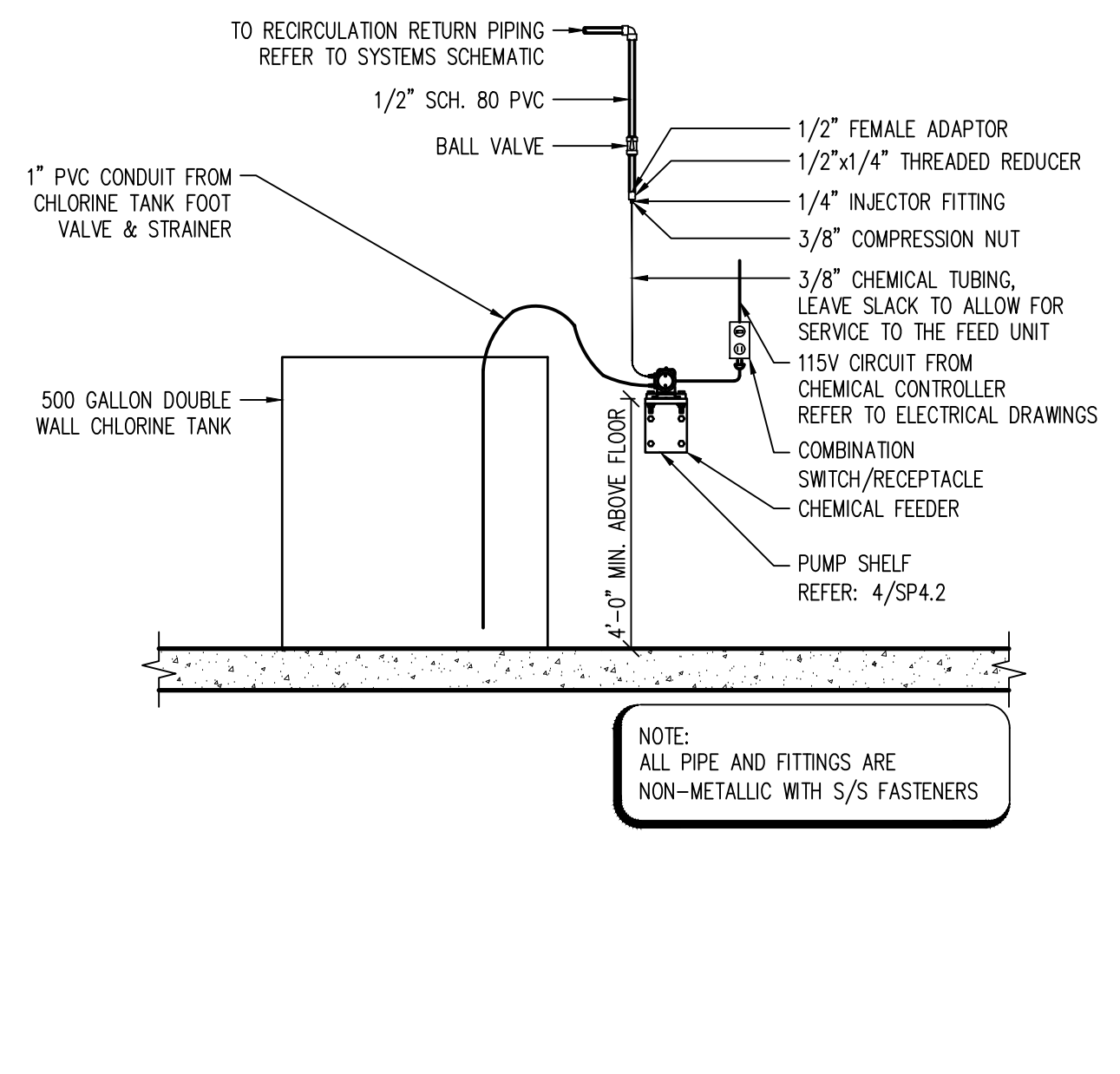




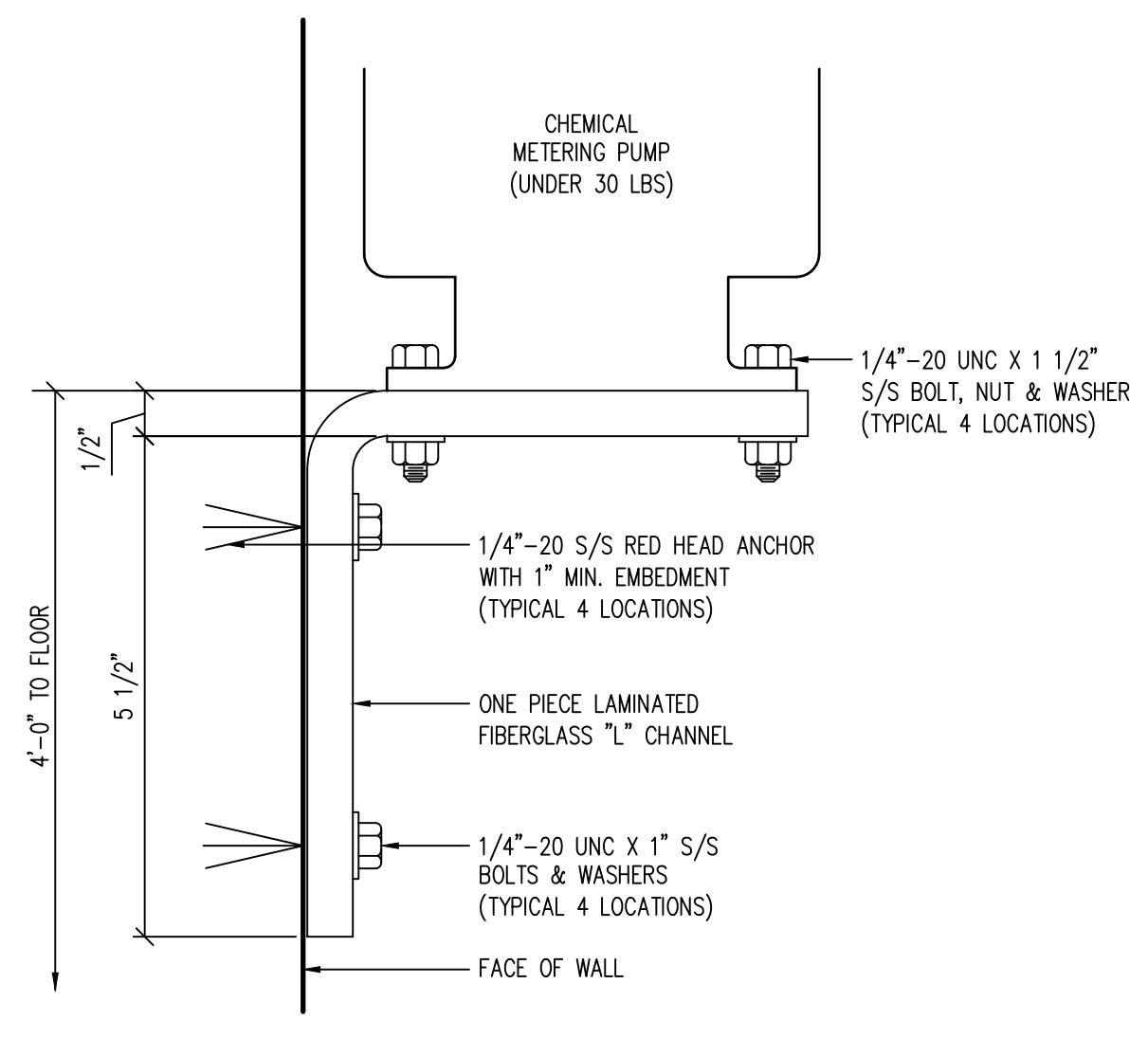
NOTE: PLUMBING CONTRACTOR SHALL PROVIDE MAKE-UP WATER PIPING TO AIR GAP, INCLUDING SOLENOID VALVE INSTALLATION. CONTRACTOR TO FURNISH SOLENOID, PROVIDE FILL FUNNEL, AND PIPING TO MAIN DRAINS

FILL FUNNEL SCHEDULE				
POOL	FRESH WATER SUPPLY GPM (MIN.)	FILL FUNNEL SIZE	SPLASH COLLAR SIZE	FILL LINE SIZE TO POOL
POOL	61	6"	6x3	4"

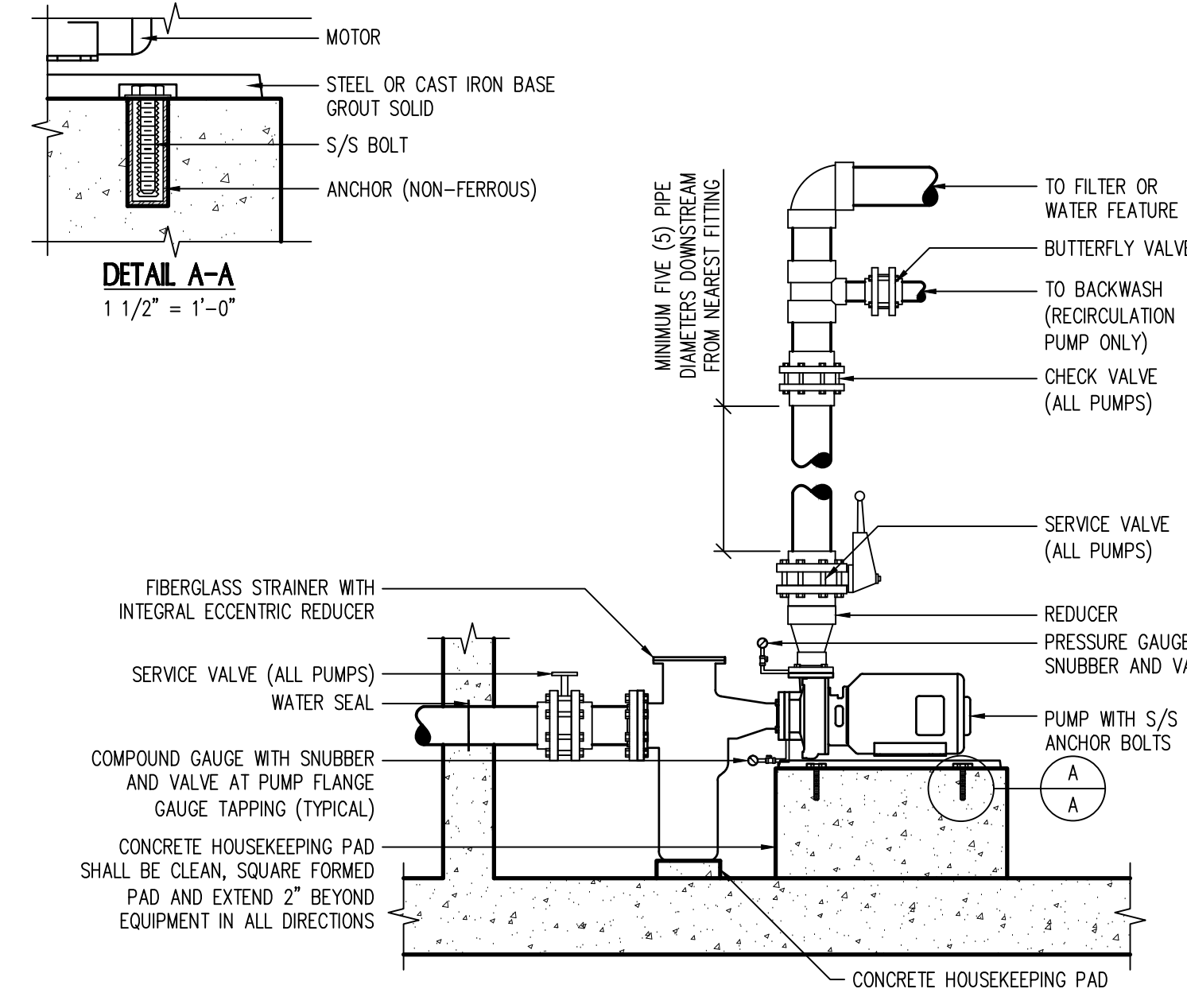
10 FILL FUNNEL  
SP4.2 3/8" = 1'-0"



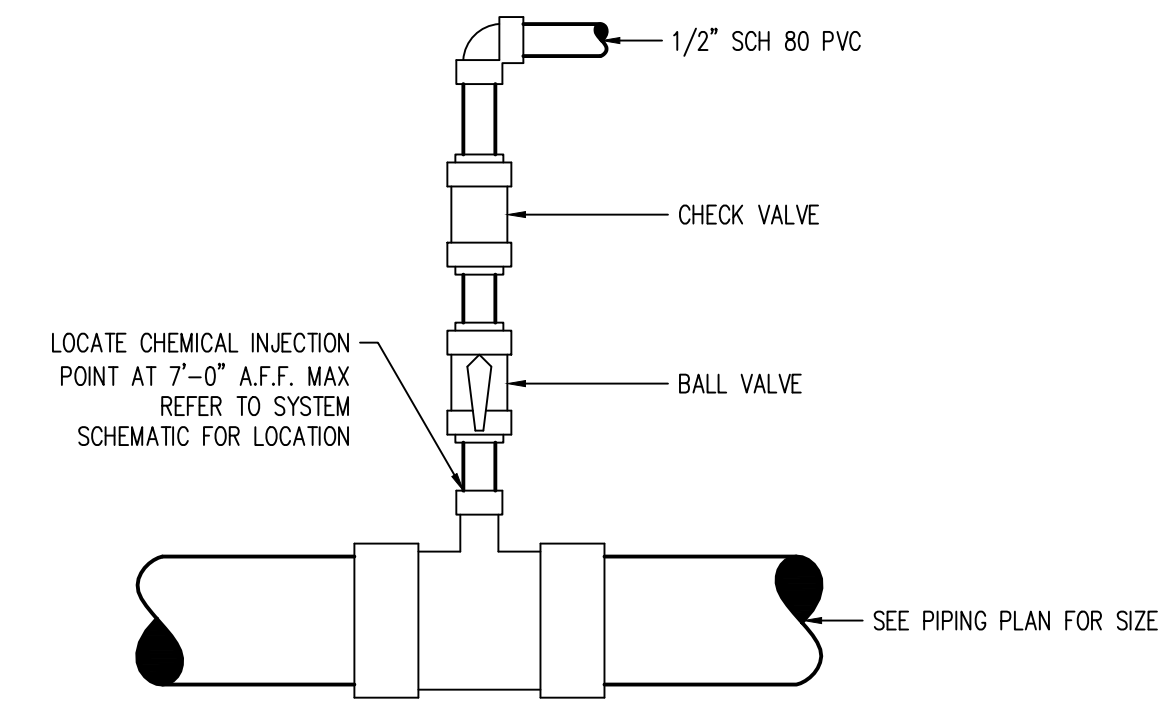
7 CHLORINATION SYSTEM  
SP4.2 3/8" = 1'-0"



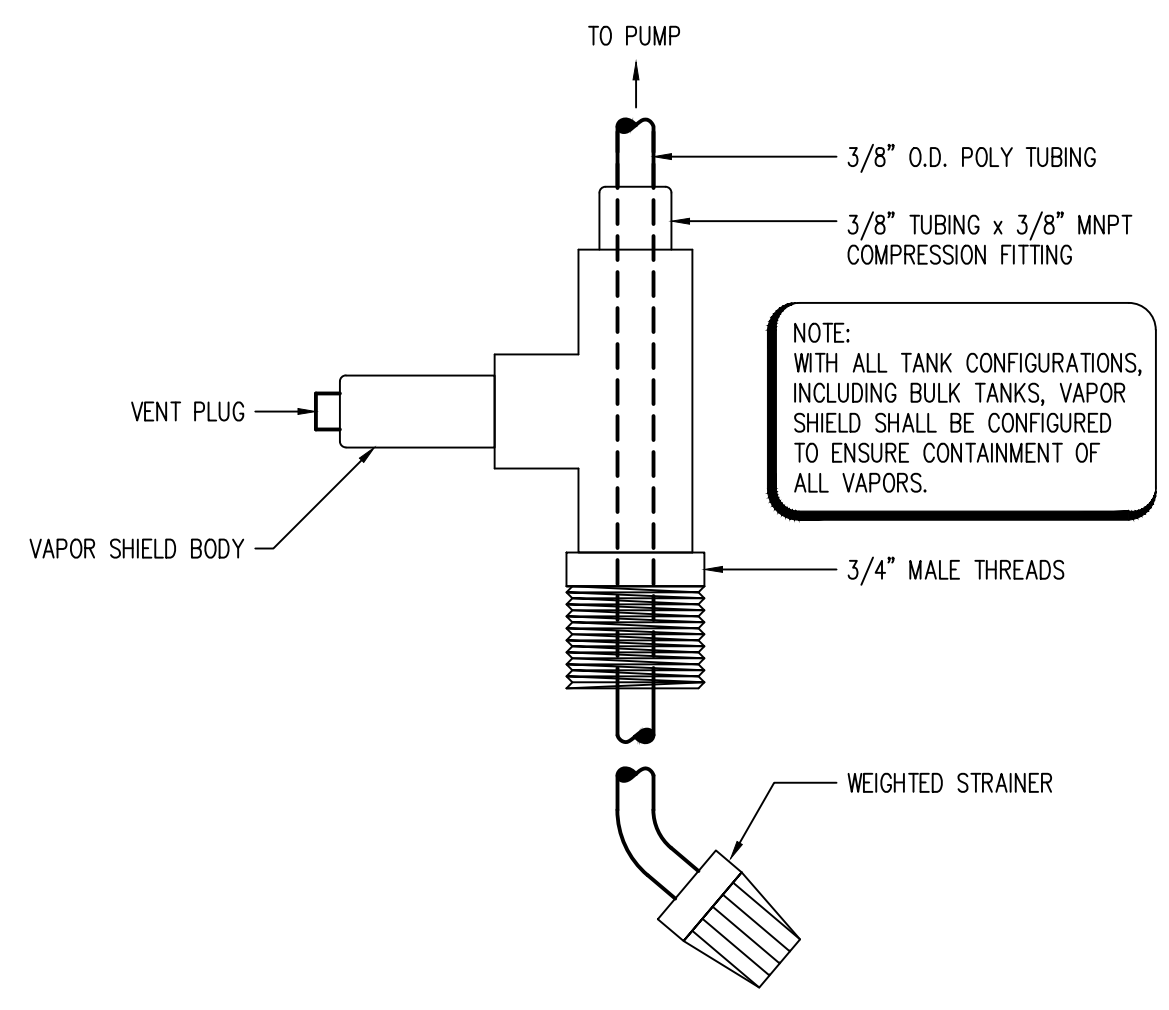
4 CHEMICAL PUMP SHELF  
SP4.2 6" = 1'-0"



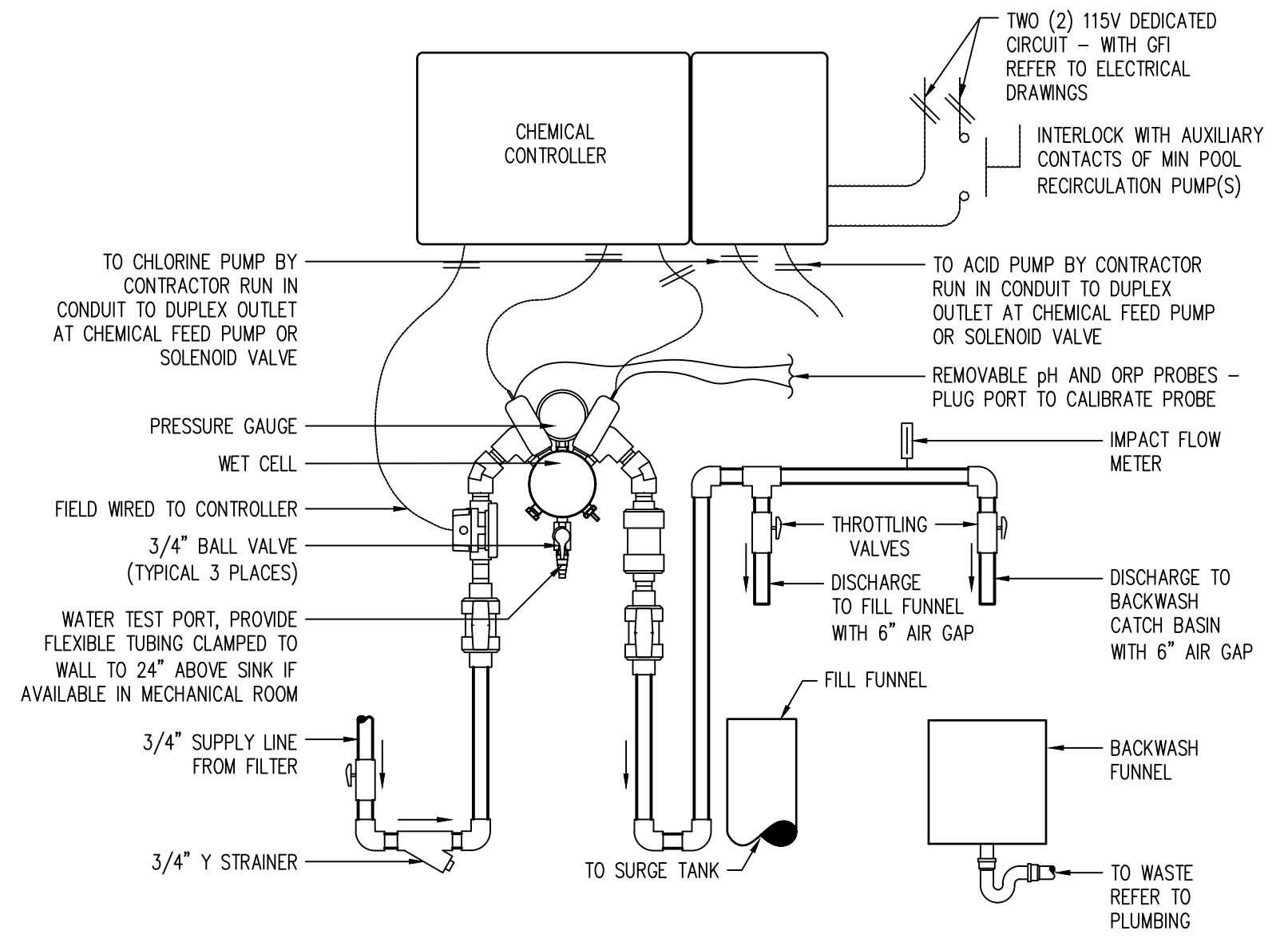
1 TYPICAL PUMP DETAIL  
SP4.2 1/2" = 1'-0"



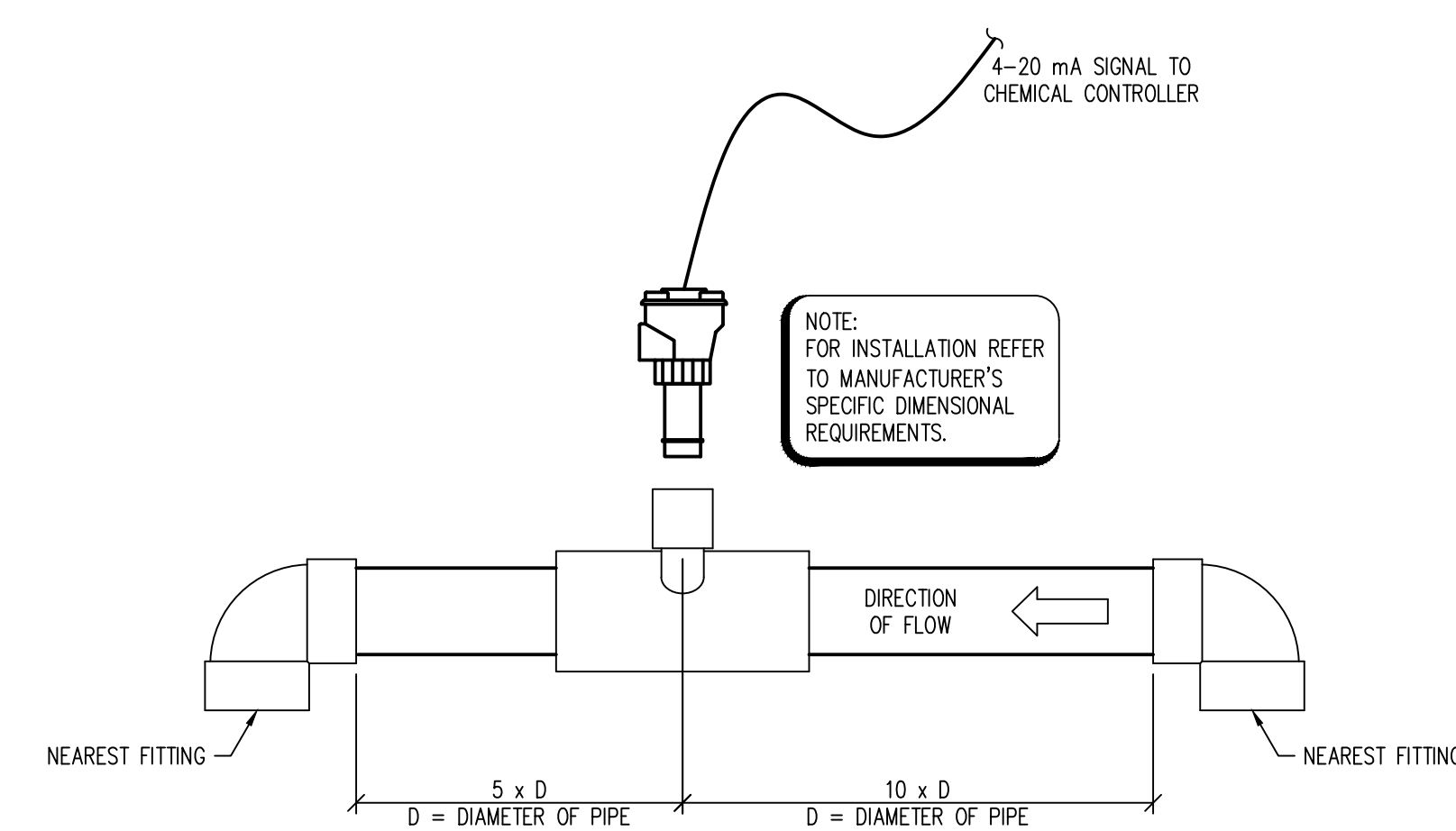
8 CHEMICAL TAP AND VALVE  
SP4.2 1" = 1'-0"



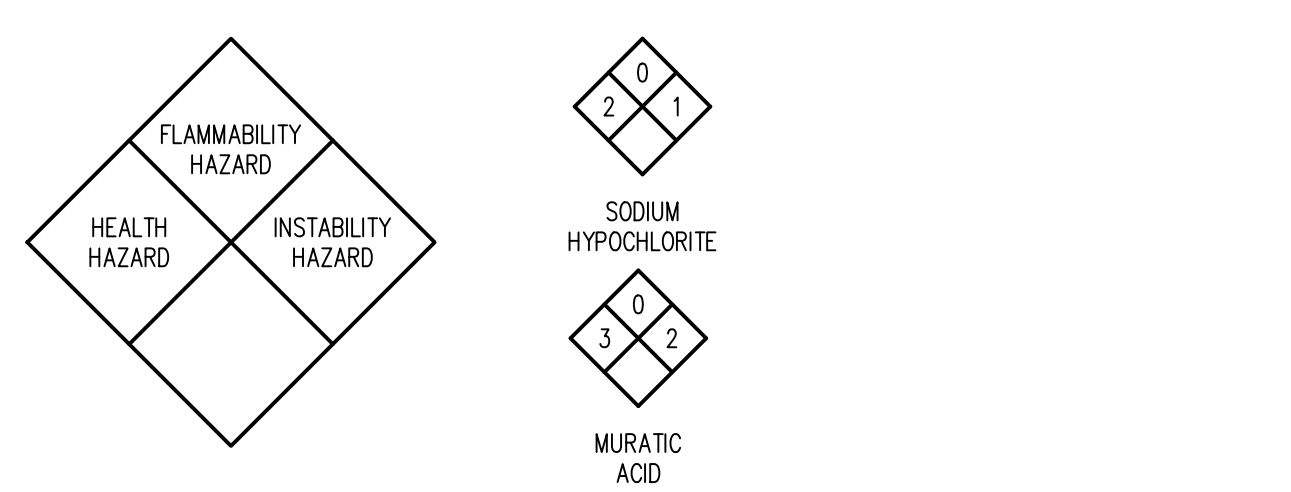
5 ACID VENT PIPING  
SP4.2 6" = 1'-0"



2 CHEMICAL CONTROLLER  
SP4.2 NTS

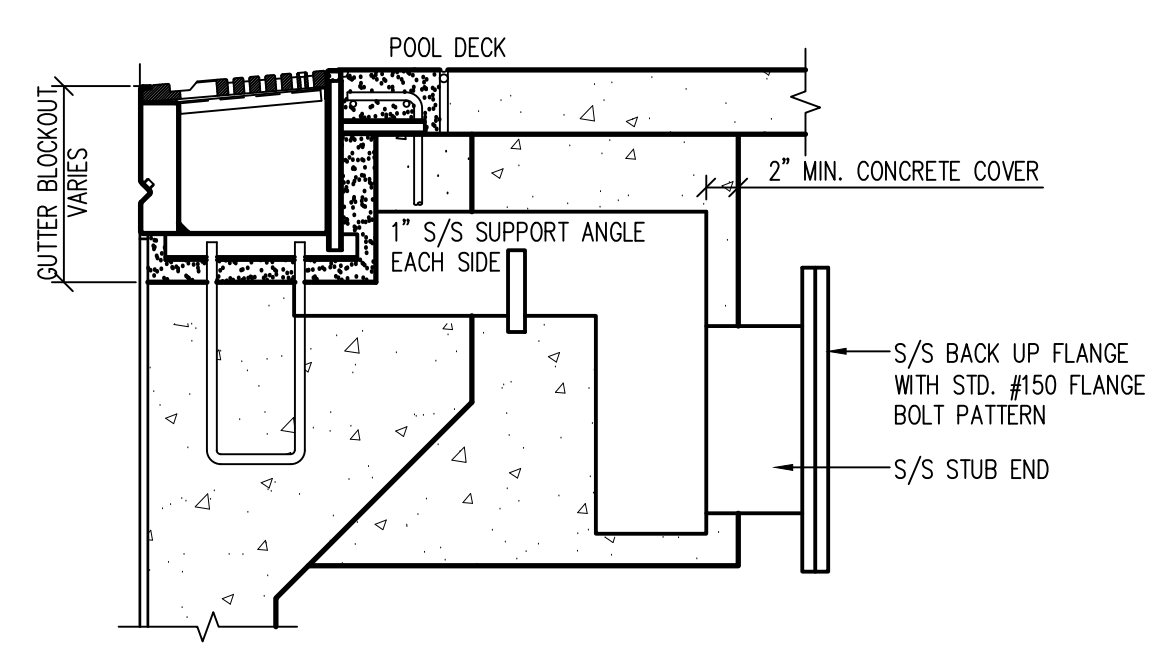


11 FLOW METER SENSOR  
SP4.2 3/4" = 1'-0"

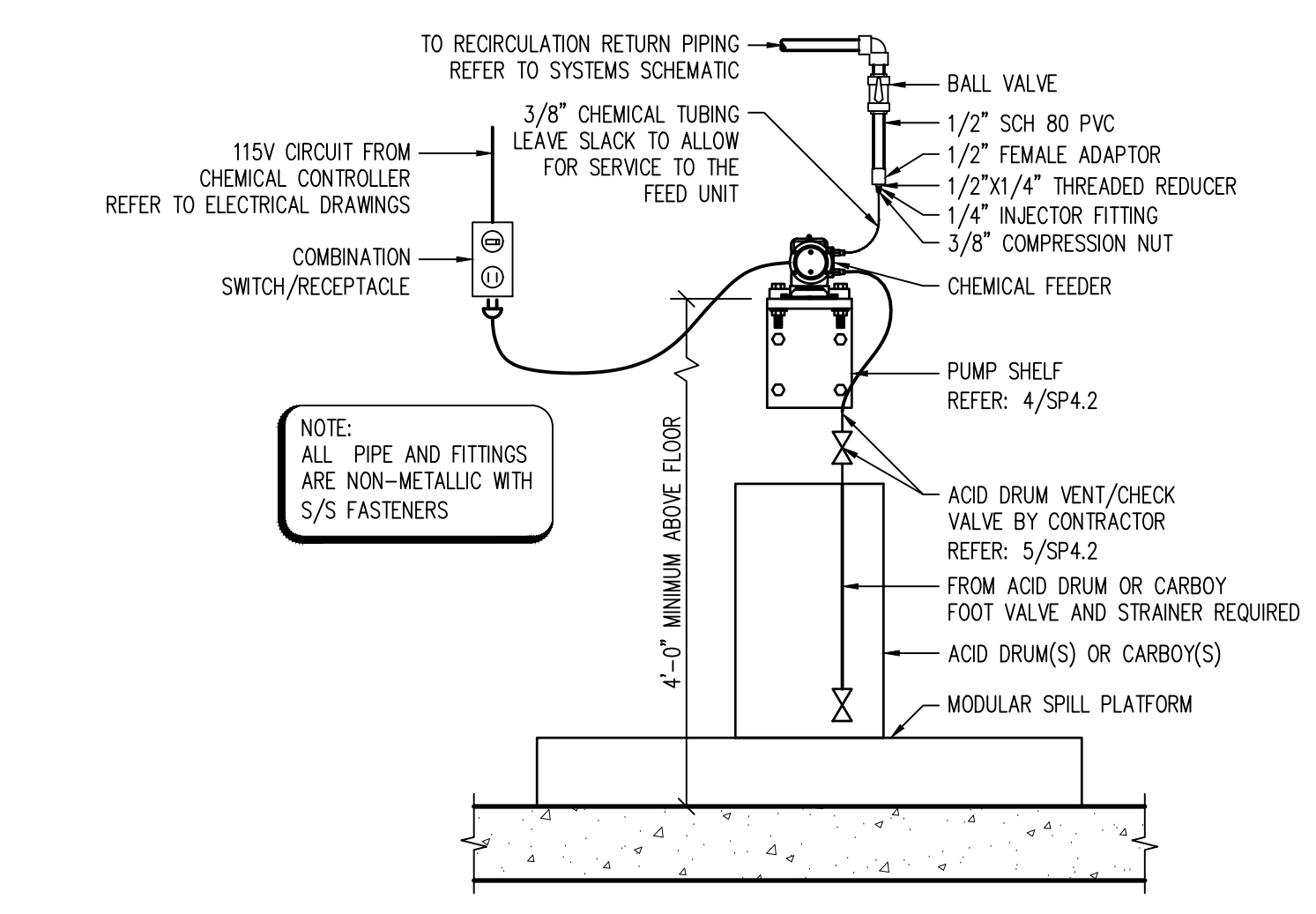


RATING EXPLANATION GUIDE			
RATING	HEALTH HAZARD	FLAMMABILITY HAZARD	INSTABILITY HAZARD
4	CAN BE LETHAL	BELOW 73 DEGREES F	MAY EXPLODE AT NORMAL TEMPERATURES AND PRESSURES
3	CAN CAUSE SERIOUS OR PERMANENT INJURY	ABOVE 73 DEGREES, BELOW 100 DEGREES F	MAY EXPLODE AT HIGH TEMPERATURE OR SHOCK
2	CAN CAUSE TEMPORARY INCAPACITATION OR RESIDUAL INJURY	ABOVE 100 DEGREES F, BELOW 200 DEGREES F	VOLENT CHEMICAL CHANGE AT HIGH TEMPERATURES OR PRESSURES
1	CAN CAUSE SIGNIFICANT IRRITATION	ABOVE 200 DEGREES F	NORMALLY STABLE. HIGH TEMPERATURES MAKE UNSTABLE
0	NO HAZARD	WILL NOT BURN	STABLE

9 HAZARD SIGNAGE  
SP4.2 NTS



6 GUTTER DROPOUT BOX  
SP4.2 1" = 1'-0"



3 ACID SYSTEM  
SP4.2 3/4" = 1'-0"

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Ford Woods Park Pool**

City of Dearborn  
**DRAWING TITLE  
POOL MECHANICAL DETAILS**

ISSUE DATES

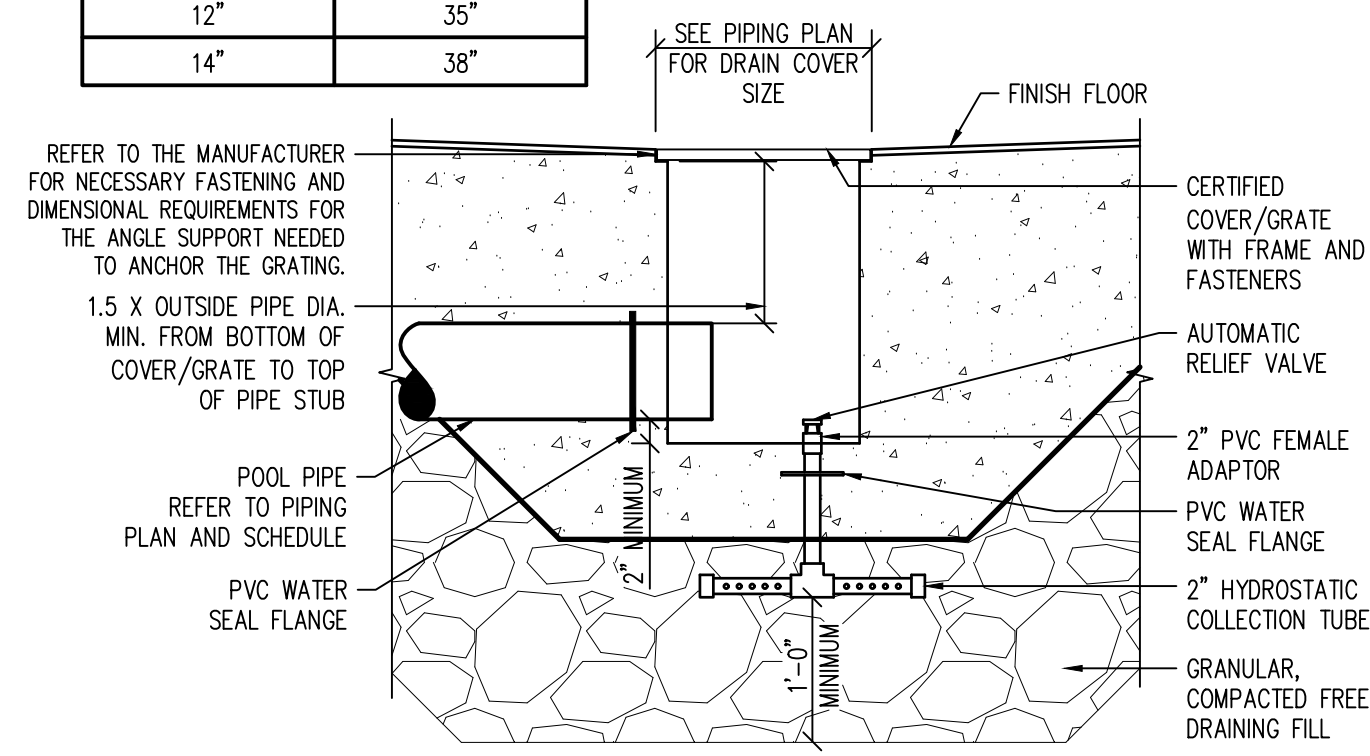
DATE ISSUED FOR:  
10-25-17 BIDS  
DRAWN BMH  
CHECKED CPN  
APPROVED CPN

PROJECT NO.  
**17071**  
DRAWING NO.  
**SP4.2**

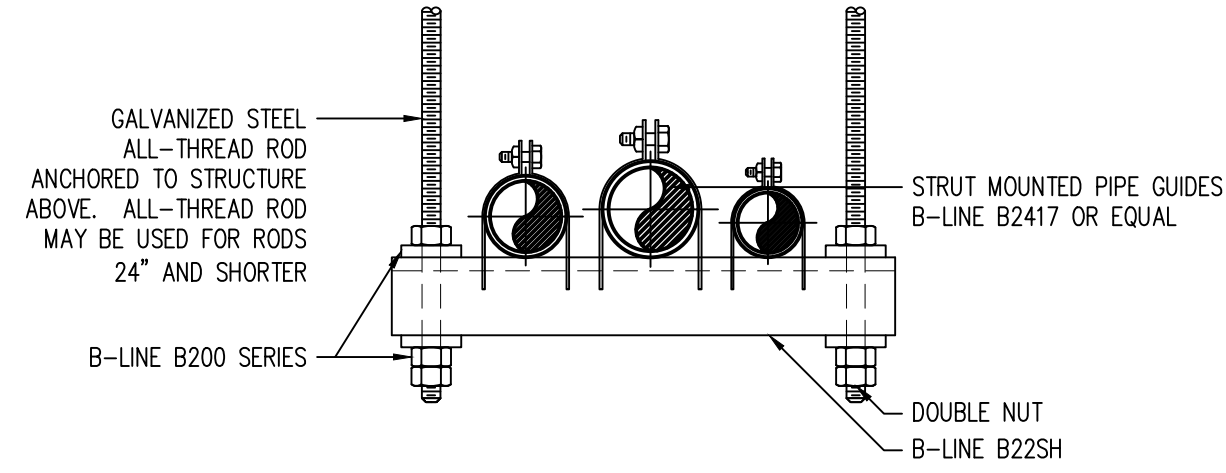
**DRAIN DEPTH SCHEDULE**

STUB SIZE (NPS)	MINIMUM DEPTH
3" AND UNDER	12"
4"	14.25"
6"	19.5"
8"	24.5"
10"	30"
12"	35"
14"	38"

NOTE:  
 1. ALL MAIN DRAINS SHALL BE CONSTRUCTED TO COMPLY WITH THE VIRGINIA GRAEME BAKER ACT AND ASME A112.19.8.2007/2008A.  
 2. MAIN DRAINS MAY USE MULTIPLE VGB COMPLIANT GRATES SECURELY FASTENED PER MANUFACTURER RECOMMENDATIONS.  
 3. MAIN DRAIN SUMP DEPTH MAY NEED TO EXTEND LOWER TO ALLOW FOR WINTERIZATION. CONTRACTOR SHALL CONFIRM DEPTH PRIOR TO INSTALLATION.

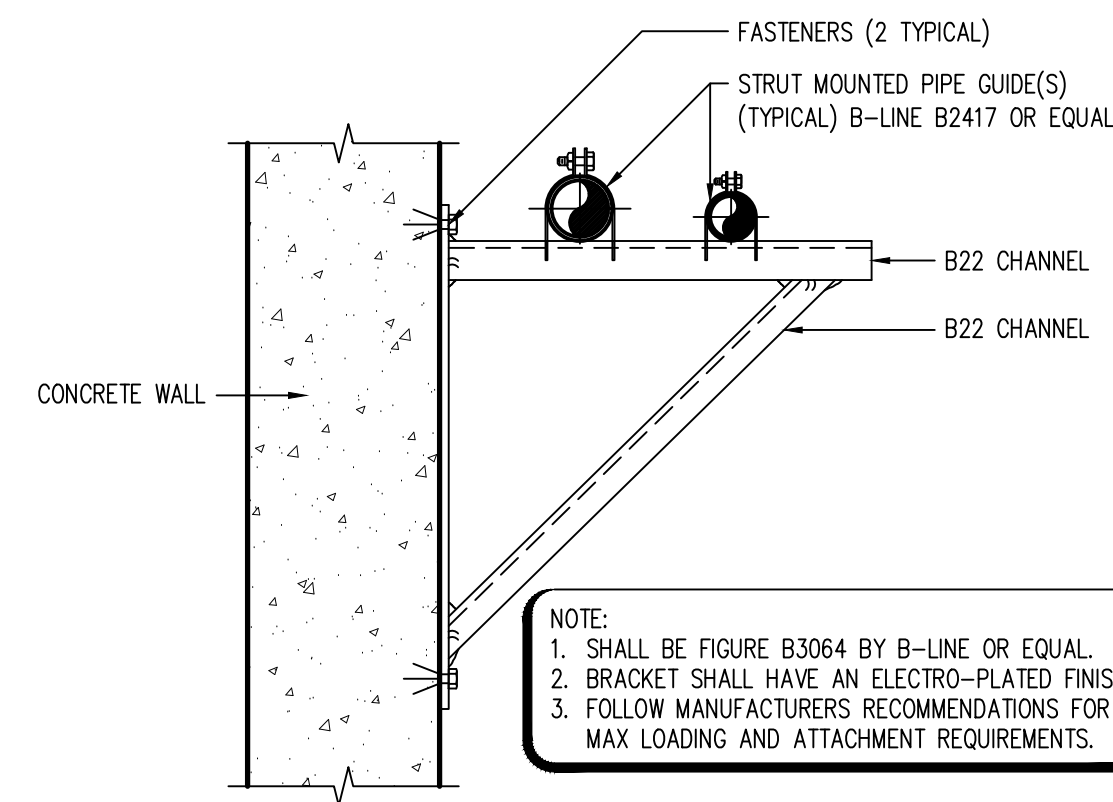


**10 MAIN DRAIN**  
 SP4.3 3/4" = 1'-0"



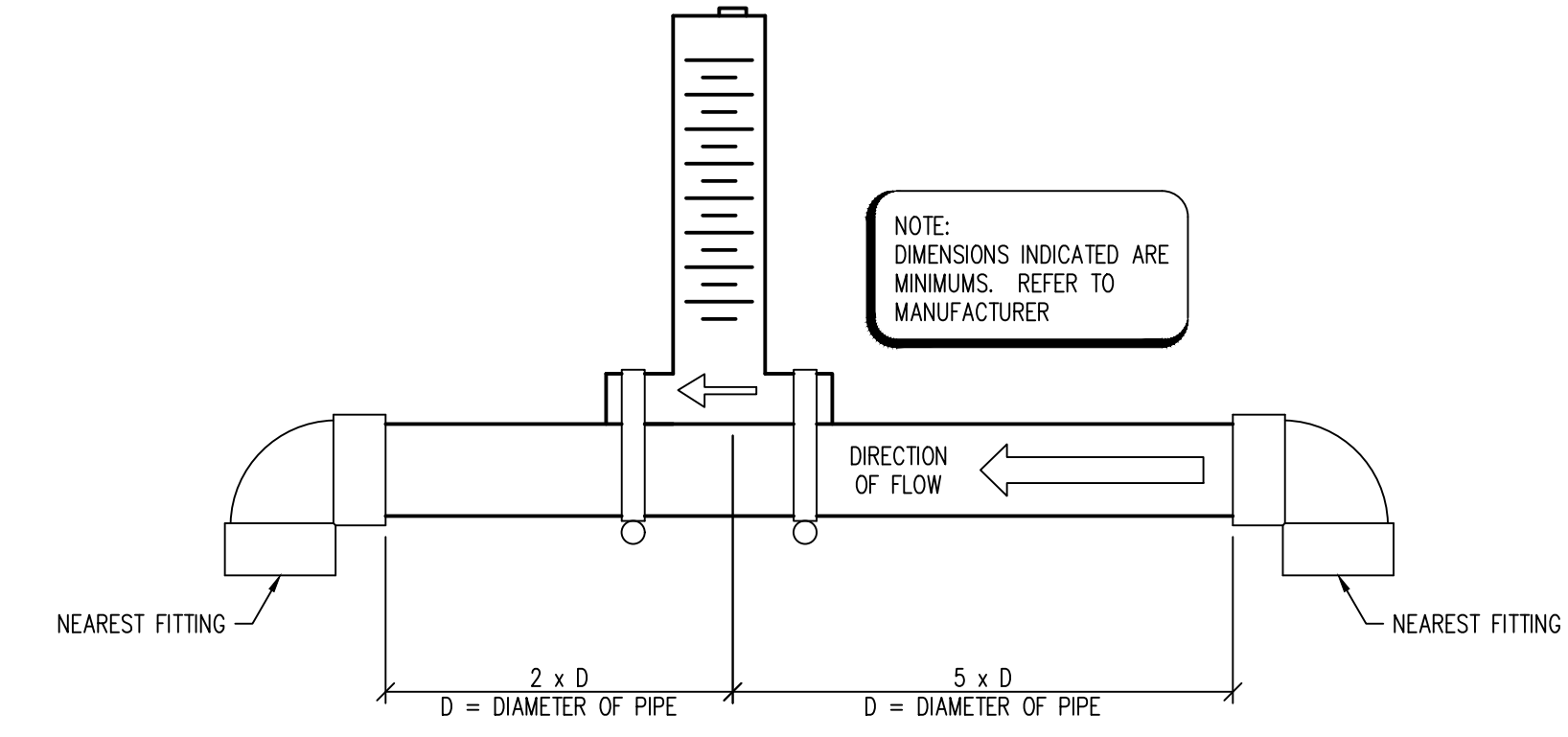
NOTE:  
 1. COOPER B-LINE (BASIS OF DESIGN) ALTERNATE MANUFACTURERS UNISTRUT OR PRE-APPROVED EQUAL.  
 2. REFER TO THE PROJECT MANUAL FOR FINISH REQUIREMENT.  
 3. CONTRACTOR SHALL FOLLOW ALL RECOMMENDATIONS FROM MANUFACTURER.

**7 TRAPEZE HANGER**  
 SP4.3 3" = 1'-0"

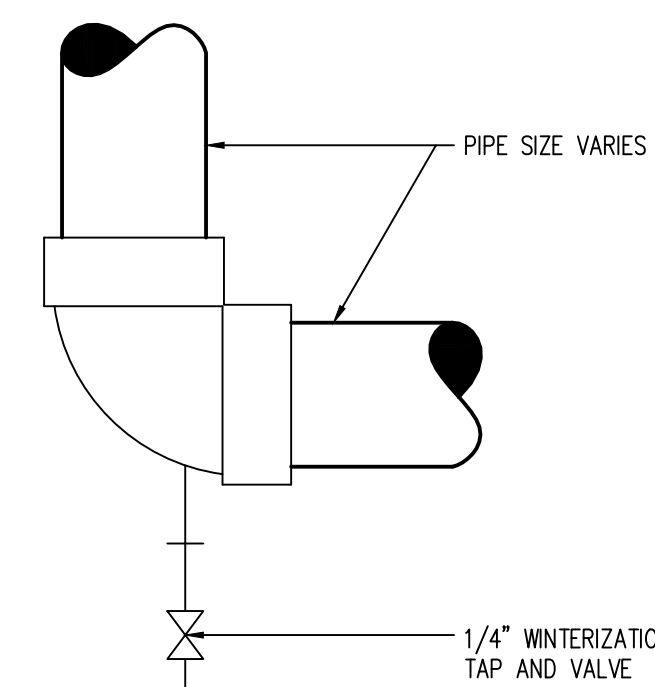


NOTE:  
 1. SHALL BE FIGURE B3064 BY B-LINE OR EQUAL.  
 2. BRACKET SHALL HAVE AN ELECTRO-PLATED FINISH.  
 3. FOLLOW MANUFACTURERS RECOMMENDATIONS FOR MAX LOADING AND ATTACHMENT REQUIREMENTS.

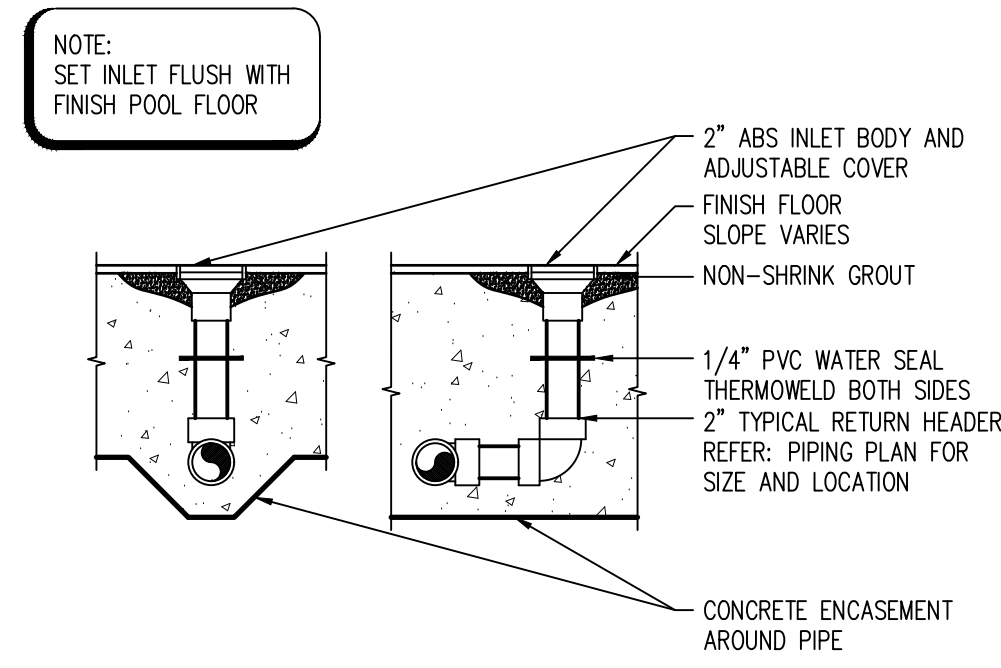
**4 ADJUSTABLE STRUT BRACKET**  
 SP4.3 3" = 1'-0"



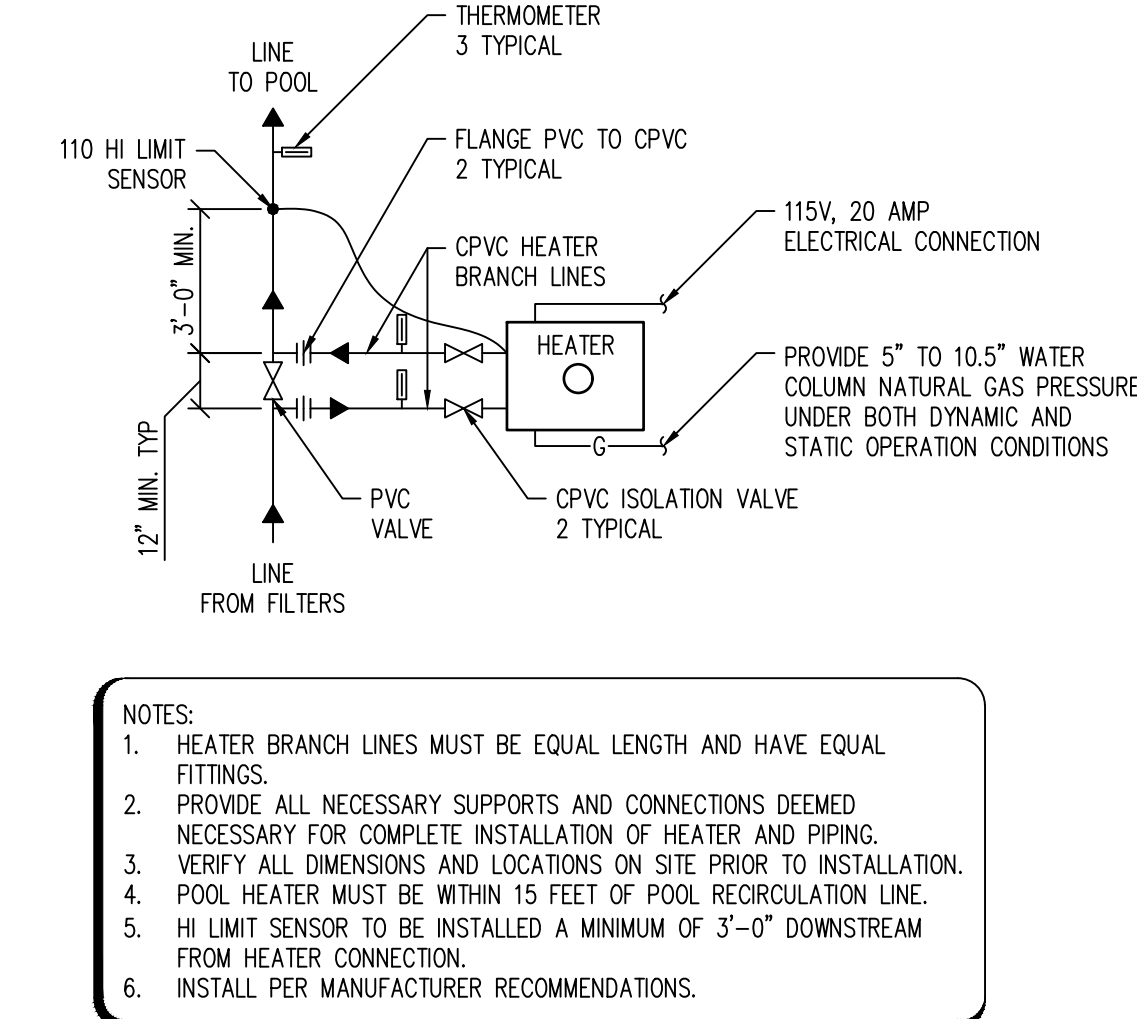
**1 IMPACT FLOW METER**  
 SP4.3 3/4" = 1'-0"



**11 WINTERIZATION TAP AND VALVE**  
 SP4.3 1 1/2" = 1'-0"

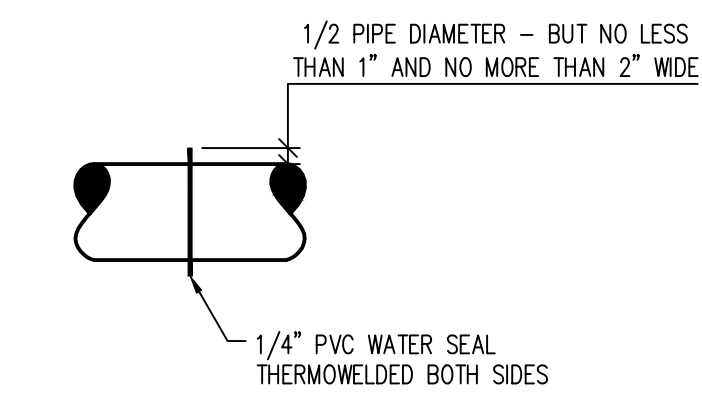


**8 FLOOR INLET**  
 SP4.3 3" = 1'-0"

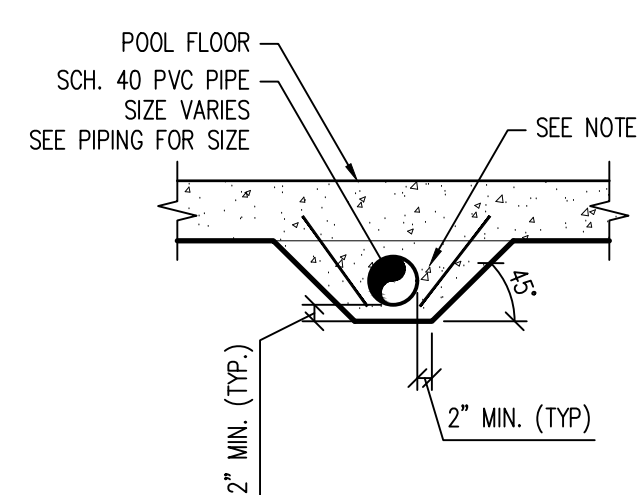


NOTES:  
 1. HEATER BRANCH LINES MUST BE EQUAL LENGTH AND HAVE EQUAL FITTINGS.  
 2. PROVIDE ALL NECESSARY SUPPORTS AND CONNECTIONS DEEMED NECESSARY FOR COMPLETE INSTALLATION OF HEATER AND PIPING.  
 3. VERIFY ALL DIMENSIONS AND LOCATIONS ON SITE PRIOR TO INSTALLATION.  
 4. POOL HEATER MUST BE WITHIN 15 FEET OF POOL RECIRCULATION LINE.  
 5. HI LIMIT SENSOR TO BE INSTALLED A MINIMUM OF 3'-0" DOWNSTREAM FROM HEATER CONNECTION.  
 6. INSTALL PER MANUFACTURER RECOMMENDATIONS.

**5 HEATER PIPING SCHEMATIC**  
 SP4.3 NTS

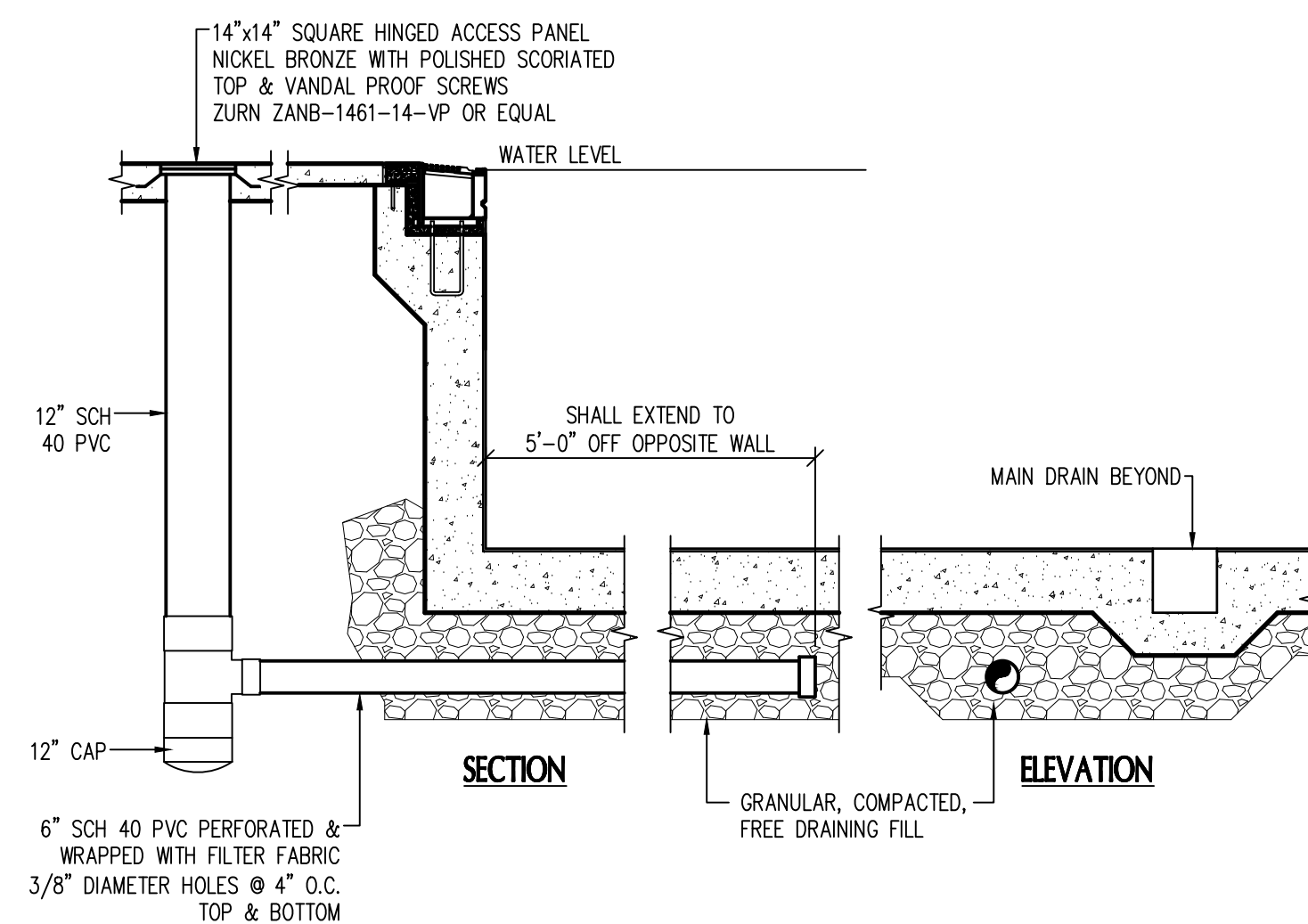


**2 WATER SEAL**  
 SP4.3 1" = 1'-0"

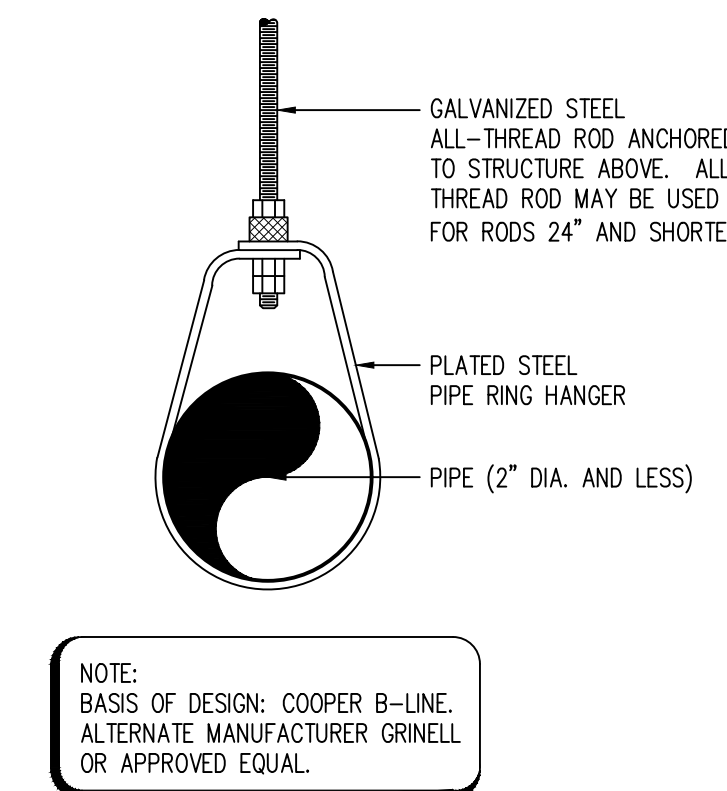


NOTE:  
 1. THIS IS A MINIMUM ENCASEMENT FOR UNDER POOL PIPING.  
 2. REFER TO STRUCTURAL FOR MORE DETAIL. ENCASEMENT MAY BE DONE PRIOR TO THE POUR OF THE POOL FLOOR AND STRUCTURALLY TIED TO THE POOL FLOOR.  
 3. ALL POOL PIPING NOT LOCATED BENEATH THE POOL FLOOR SHALL BE SCHEDULE 80 PVC.

**12 CONCRETE ENCASED PIPE**  
 SP4.3 1/2" = 1'-0"

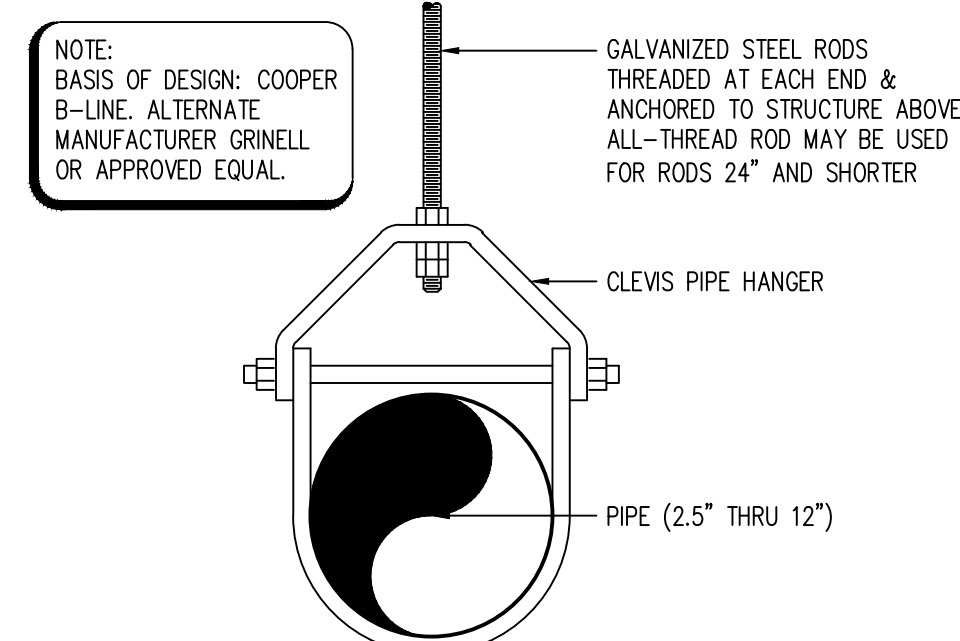


**9 SIGHT SUMP**  
 SP4.3 3/8" = 1'-0"



NOTE:  
 BASIS OF DESIGN: COOPER B-LINE, ALTERNATE MANUFACTURER GRINELL OR APPROVED EQUAL.

**6 SWIVEL RING PIPE HANGER**  
 SP4.3 1 1/2" = 1'-0"



NOTE:  
 BASIS OF DESIGN: COOPER B-LINE, ALTERNATE MANUFACTURER GRINELL OR APPROVED EQUAL.

**3 CLEVIS PIPE HANGER**  
 SP4.3 1 1/2" = 1'-0"

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Ford Woods Park Pool**

City of Dearborn

DRAWING TITLE  
**POOL MECHANICAL DETAILS**

ISSUE DATES

DATE ISSUED FOR:

DRAWN BMH

CHECKED CPN

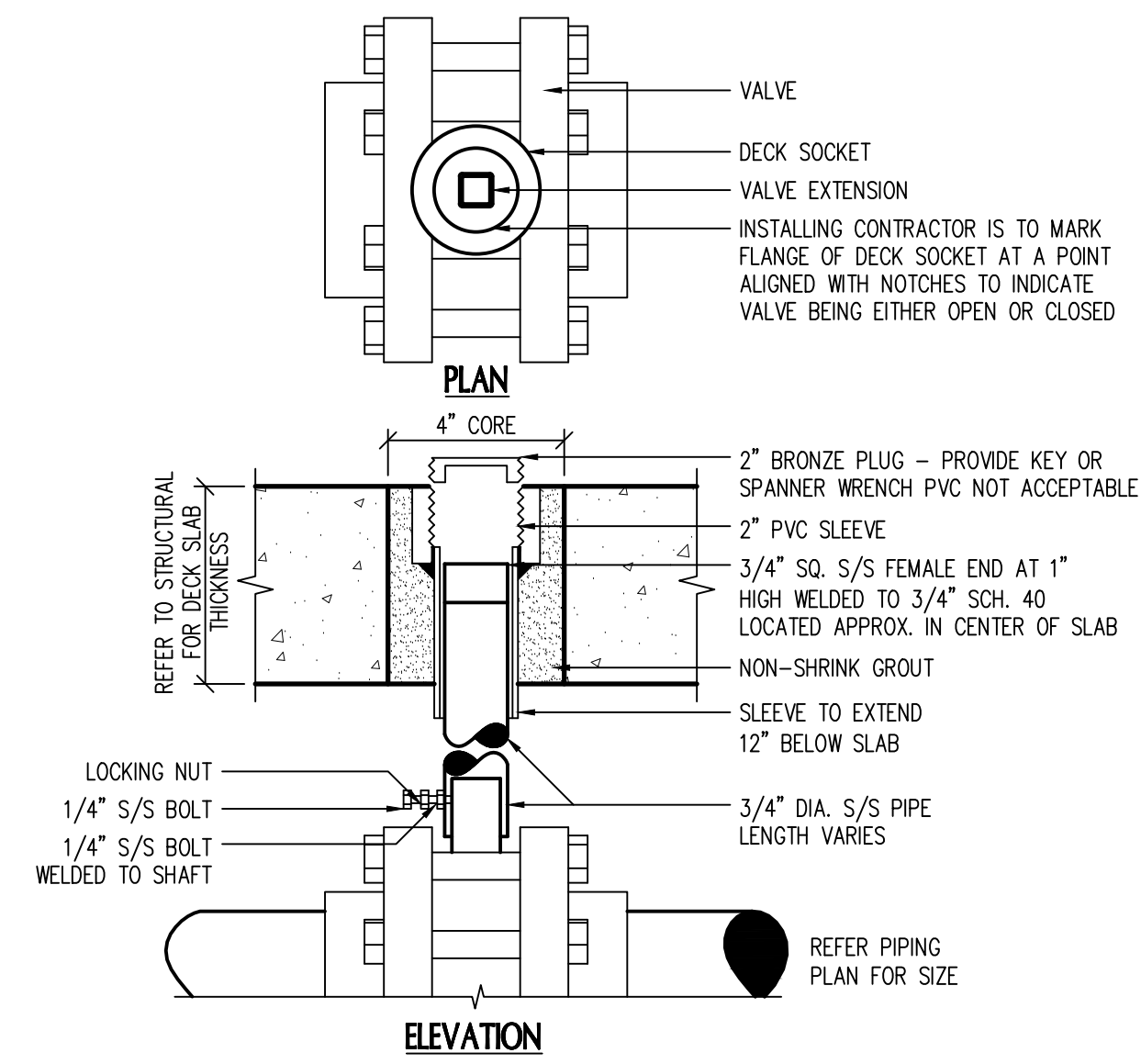
APPROVED CPN

PROJECT NO.

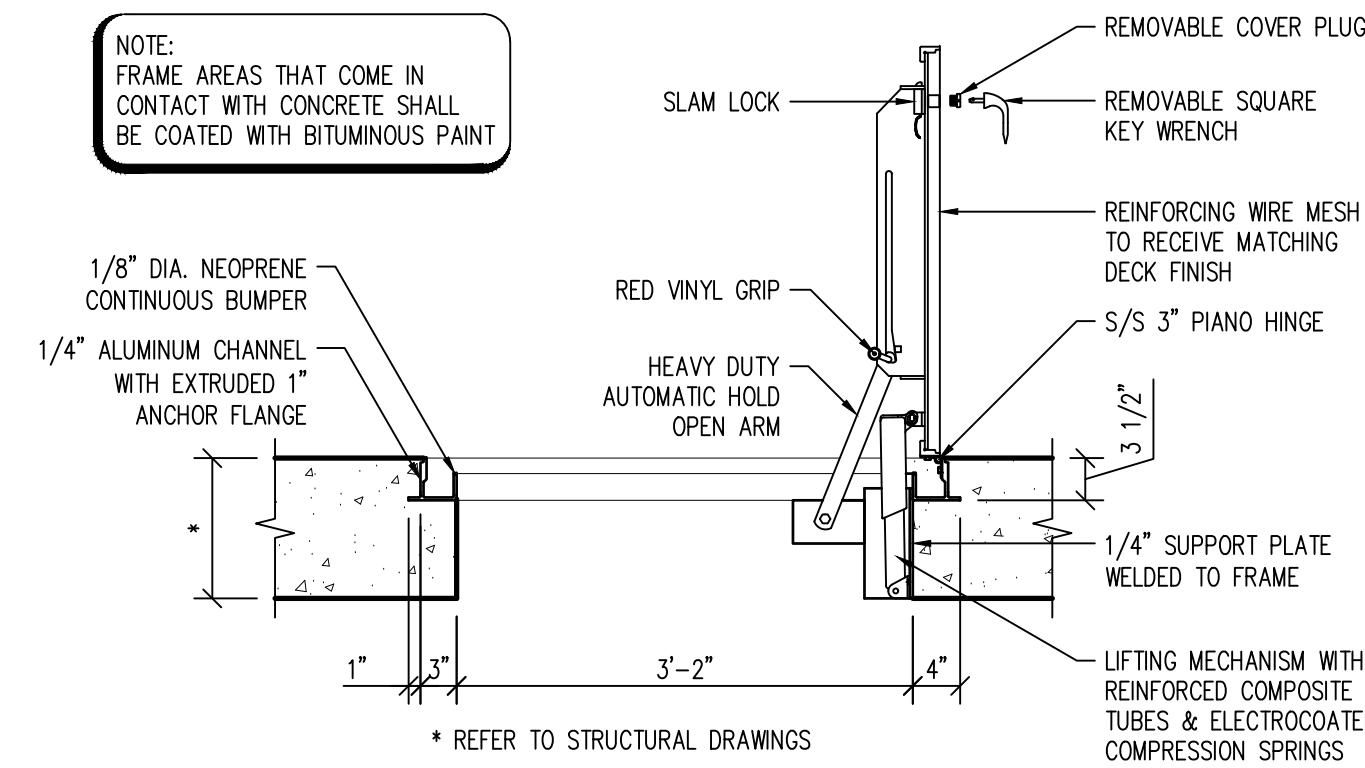
**17071**

DRAWING NO.

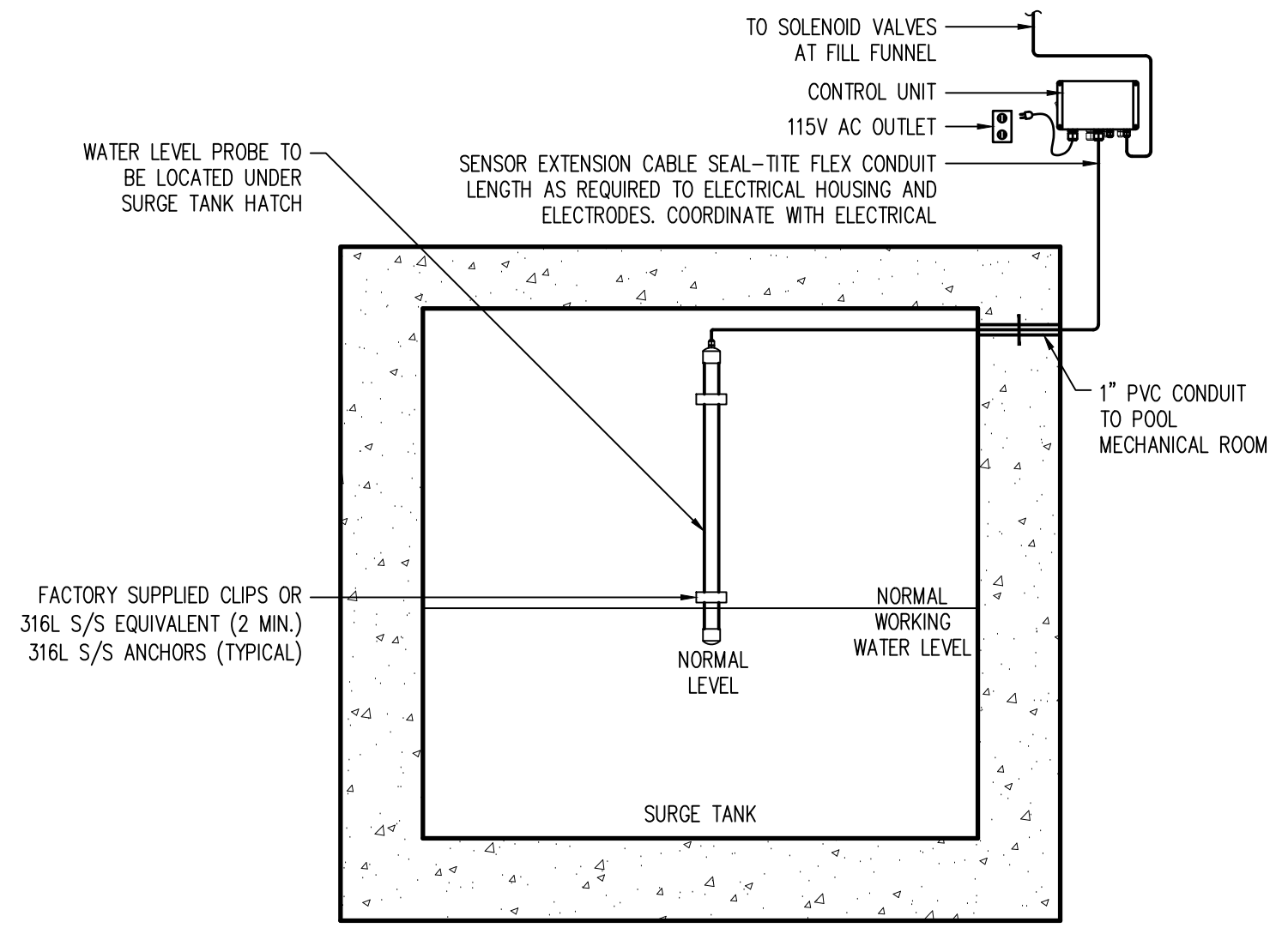
**SP4.3**



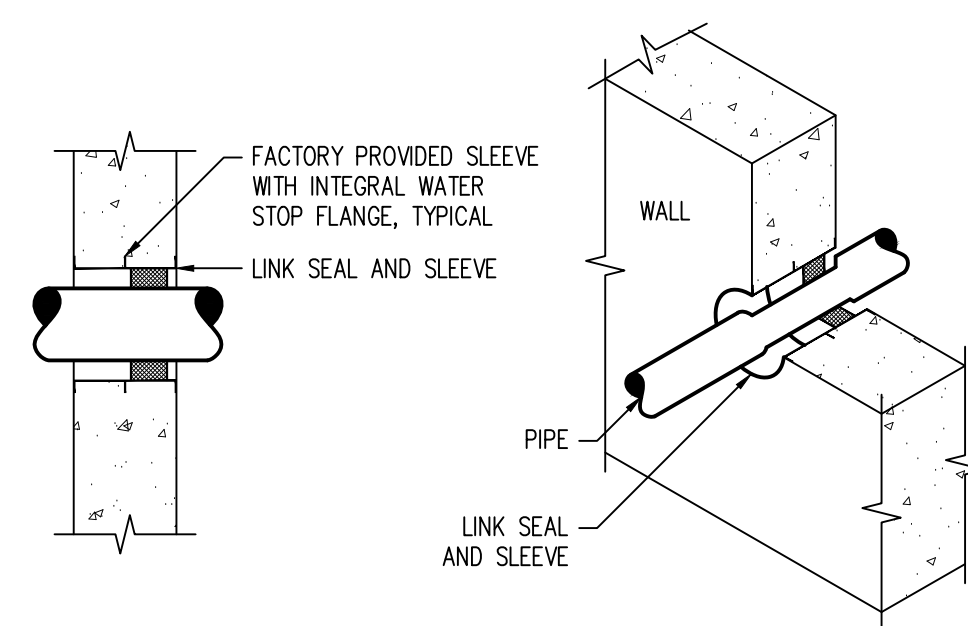
**7 VALVE EXTENSION**  
SP4.4 3" = 1'-0"



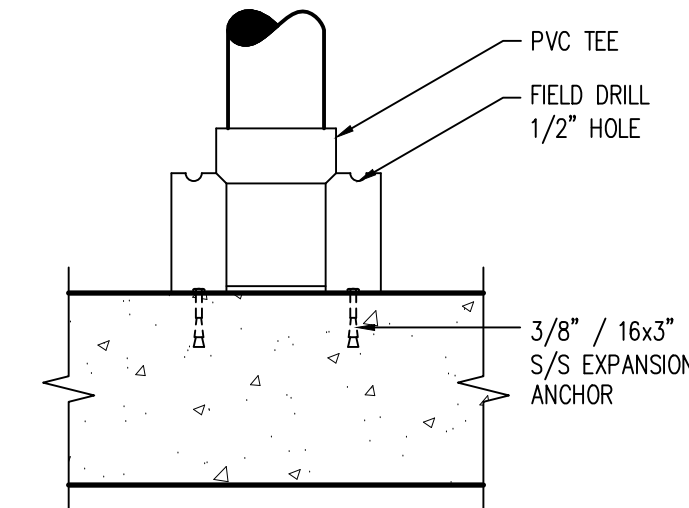
**4 SURGE TANK ACCESS HATCH**  
SP4.4 3/4" = 1'-0"



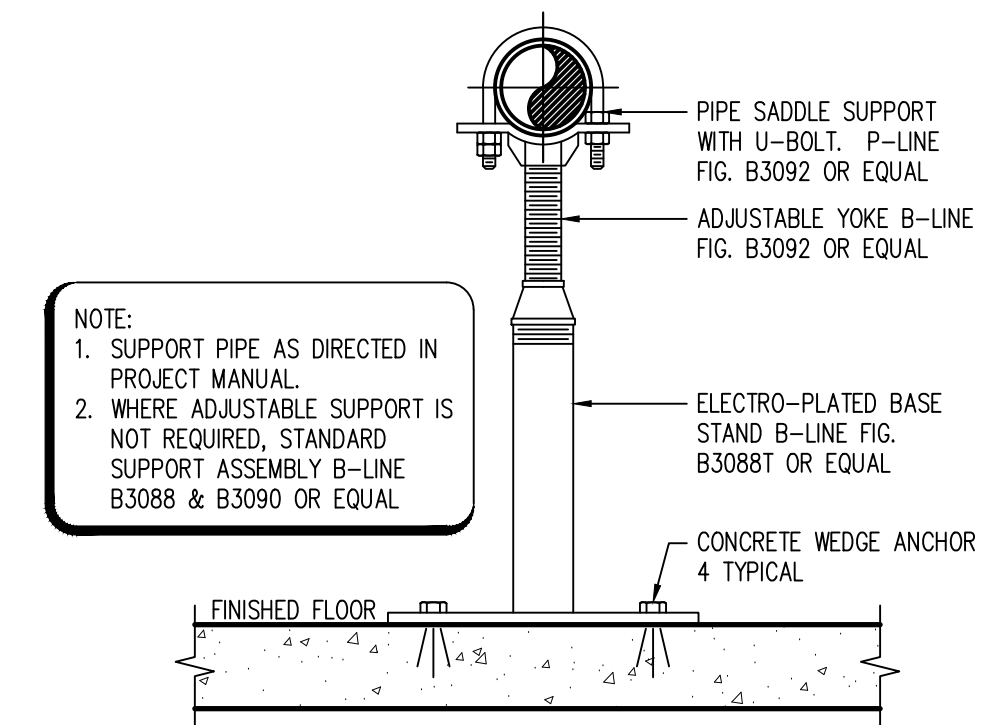
**1 WATER LEVEL CONTROLLER**  
SP4.4 3/4" = 1'-0"



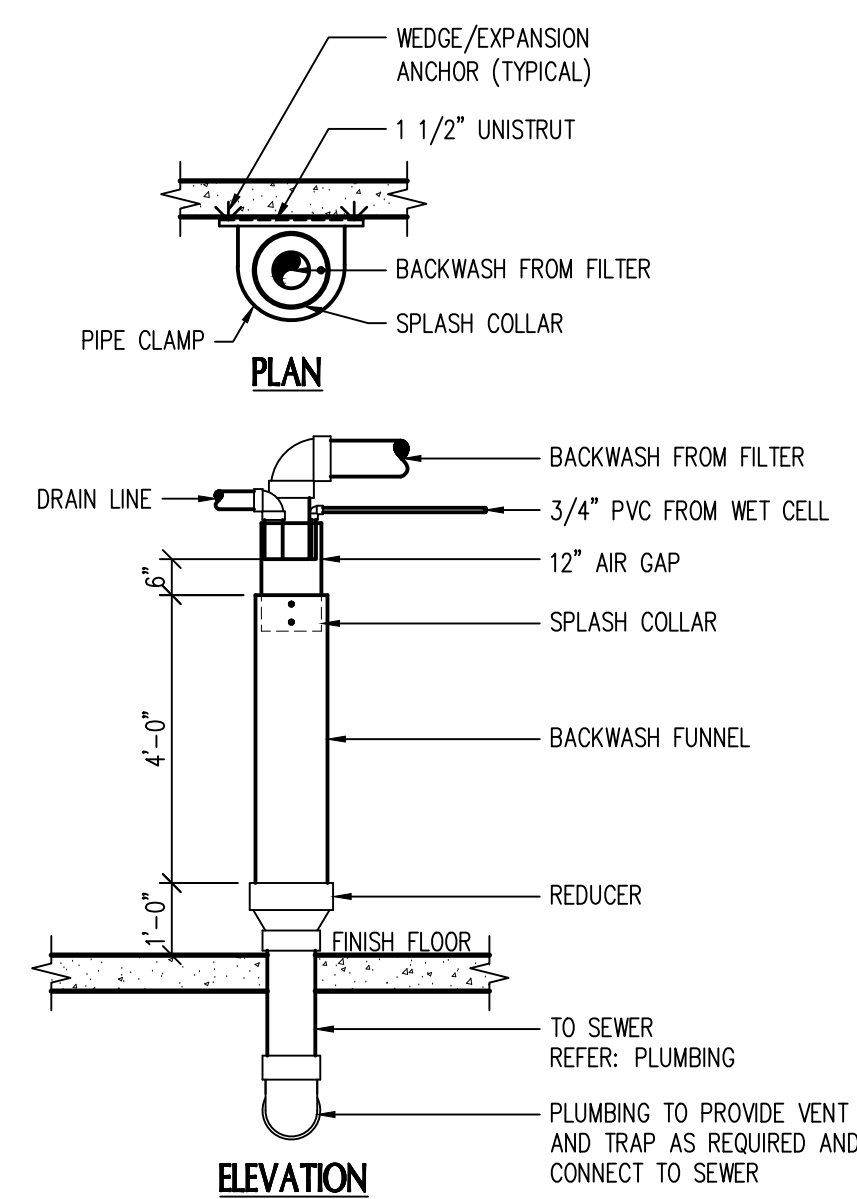
**8 LINK SEAL**  
SP4.4 3/4" = 1'-0"



**5 SUPPORT TEE**  
SP4.4 1" = 1'-0"

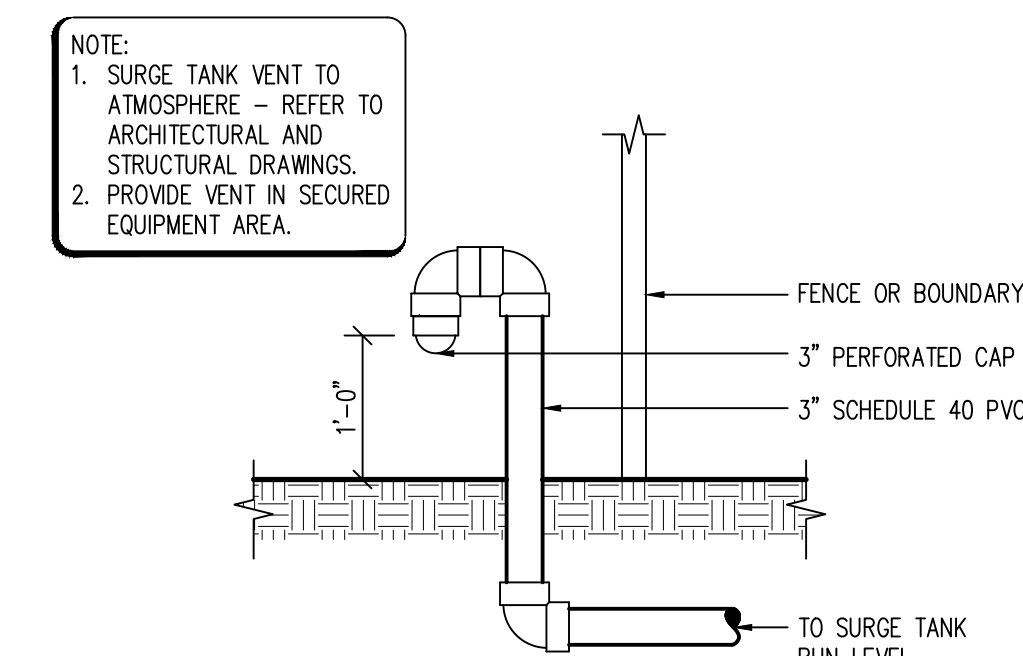


**2 FLOOR MOUNTED PIPE SUPPORT**  
SP4.4 3" = 1'-0"

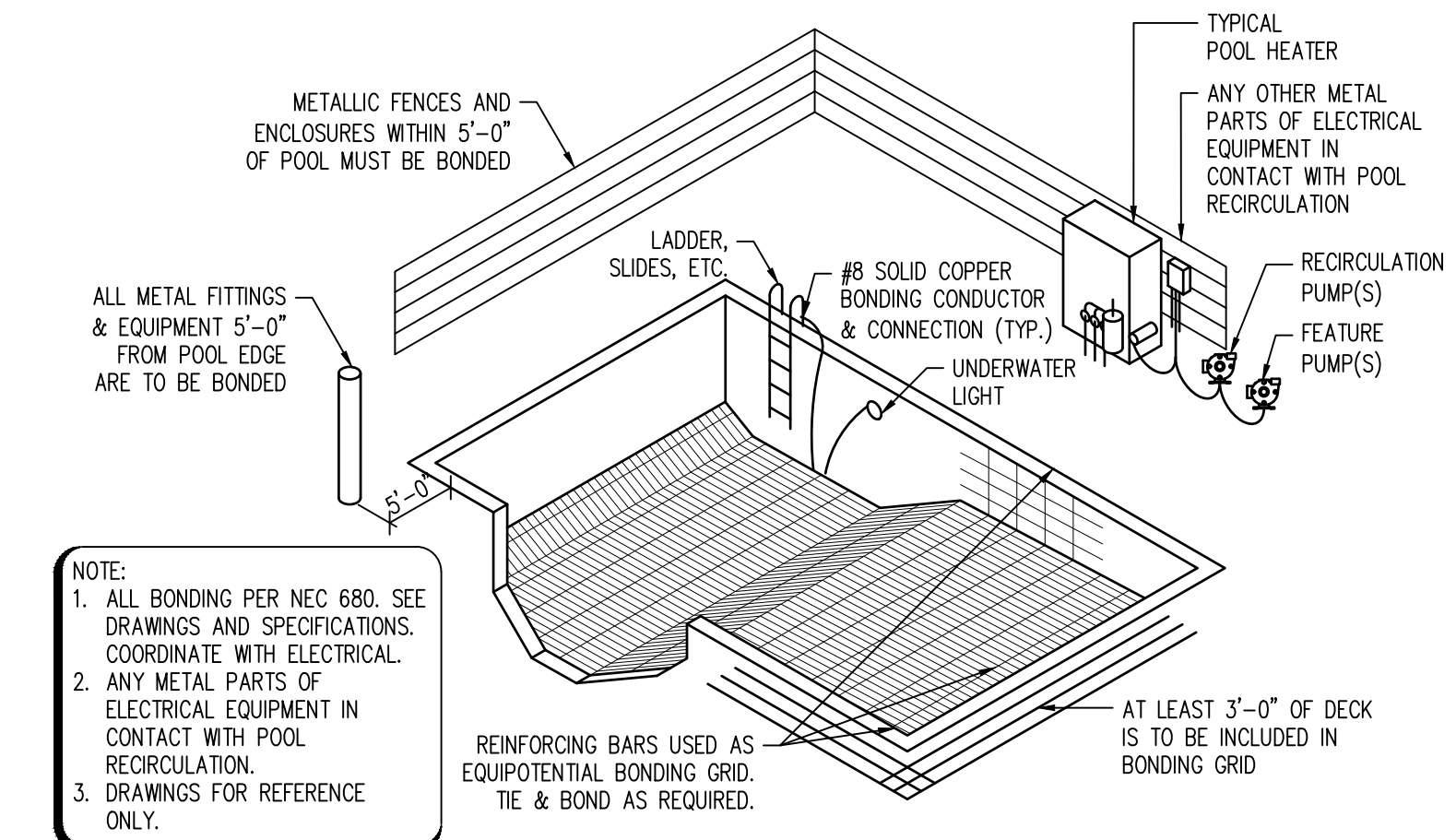


POOL	FILTER DISCHARGE RATE (GPM (MIN.))	BACKWASH FUNNEL SIZE
POOL	416	12"

**9 BACKWASH FUNNEL**  
SP4.4 3/8" = 1'-0"



**6 SURGE TANK VENT**  
SP4.4 3/4" = 1'-0"



**3 TYPICAL POOL BONDING DETAIL**  
SP4.4 NTS

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Ford Woods Park Pool**

City of Dearborn

DRAWING TITLE  
**POOL MECHANICAL DETAILS**

ISSUE DATES

DATE ISSUED FOR:

DRAWN BMH

CHECKED CPN

APPROVED CPN

PROJECT NO.

**17071**

DRAWING NO.

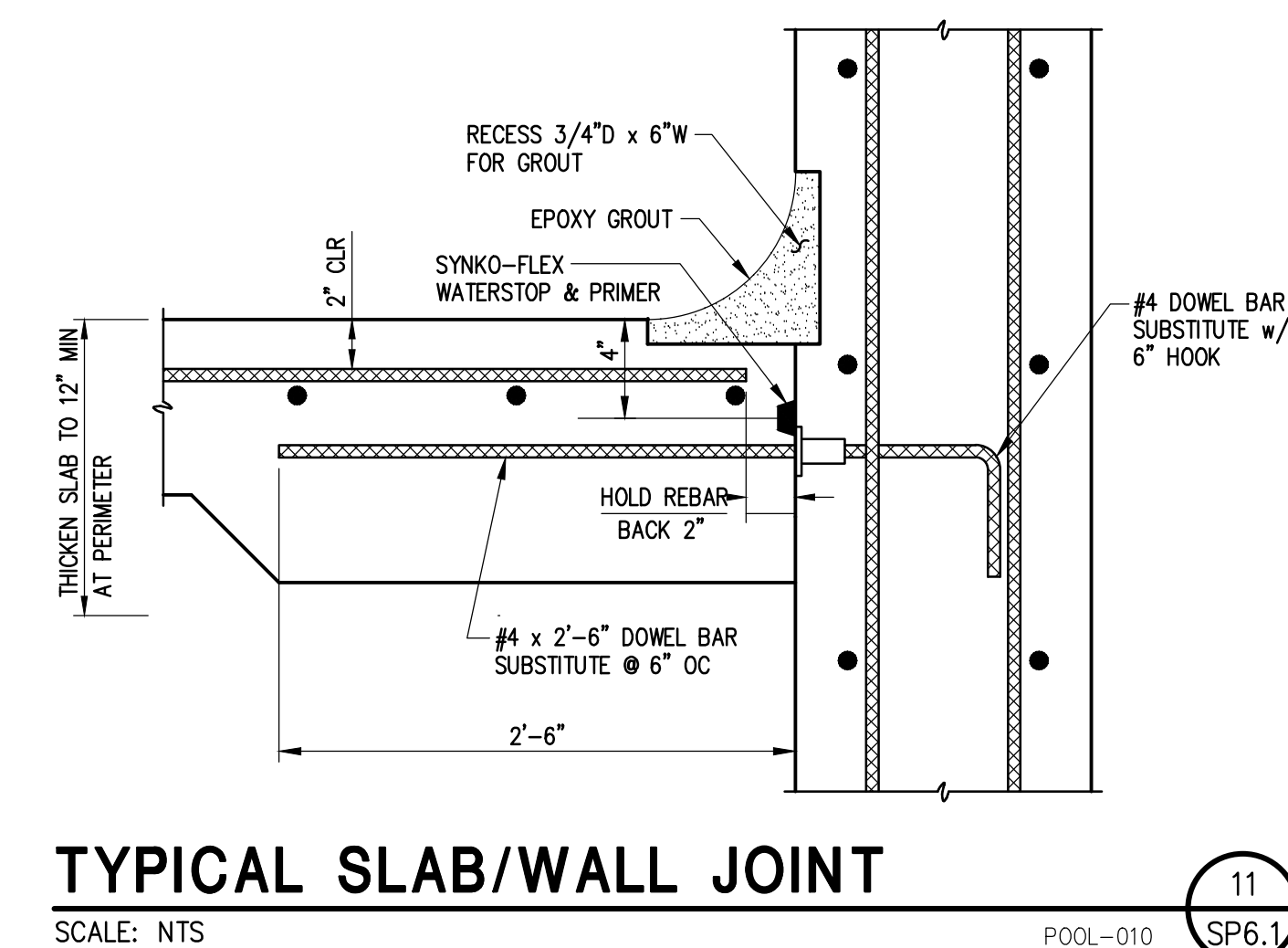
**SP4.4**



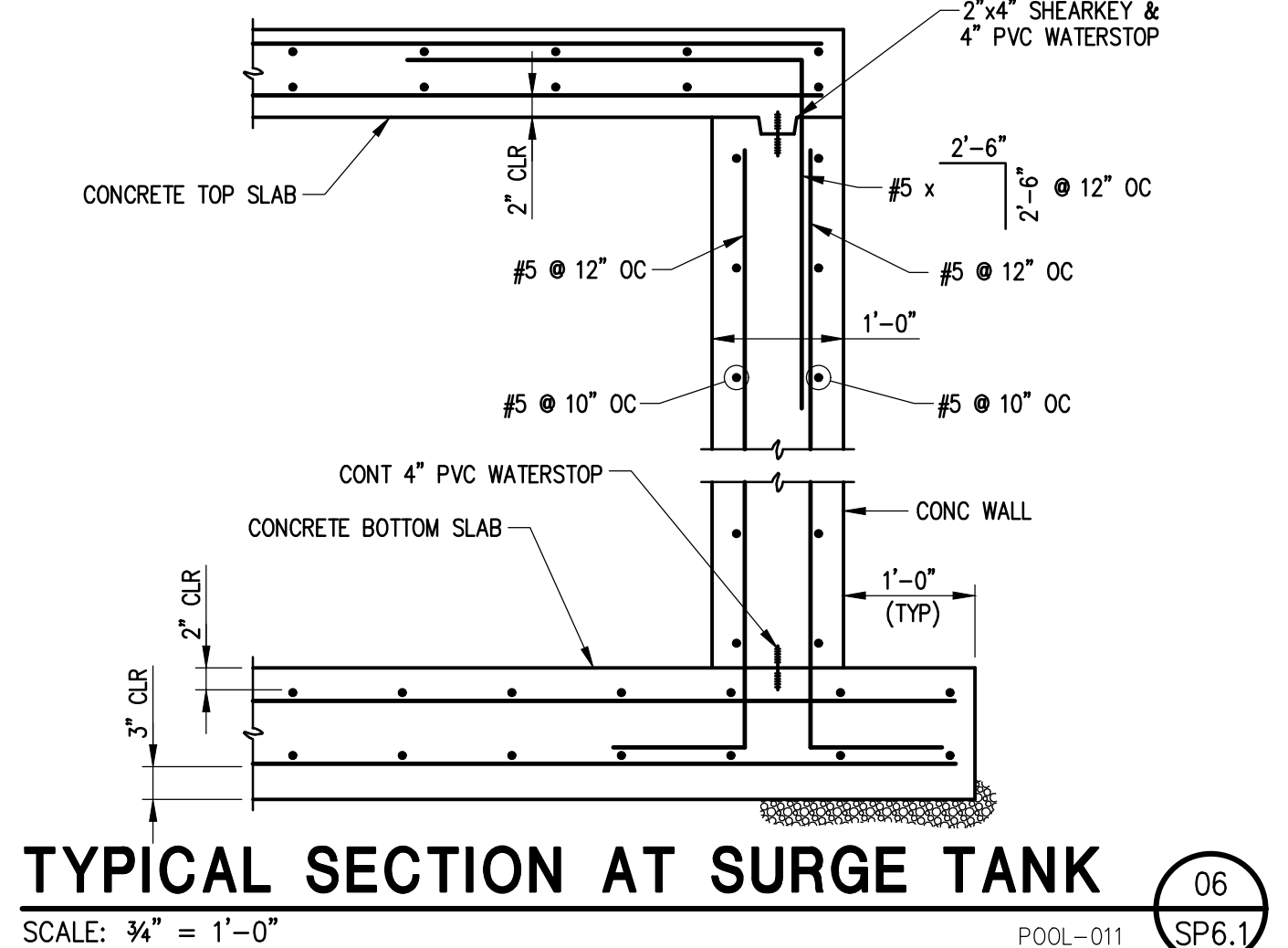


ABBREVIATIONS LIST

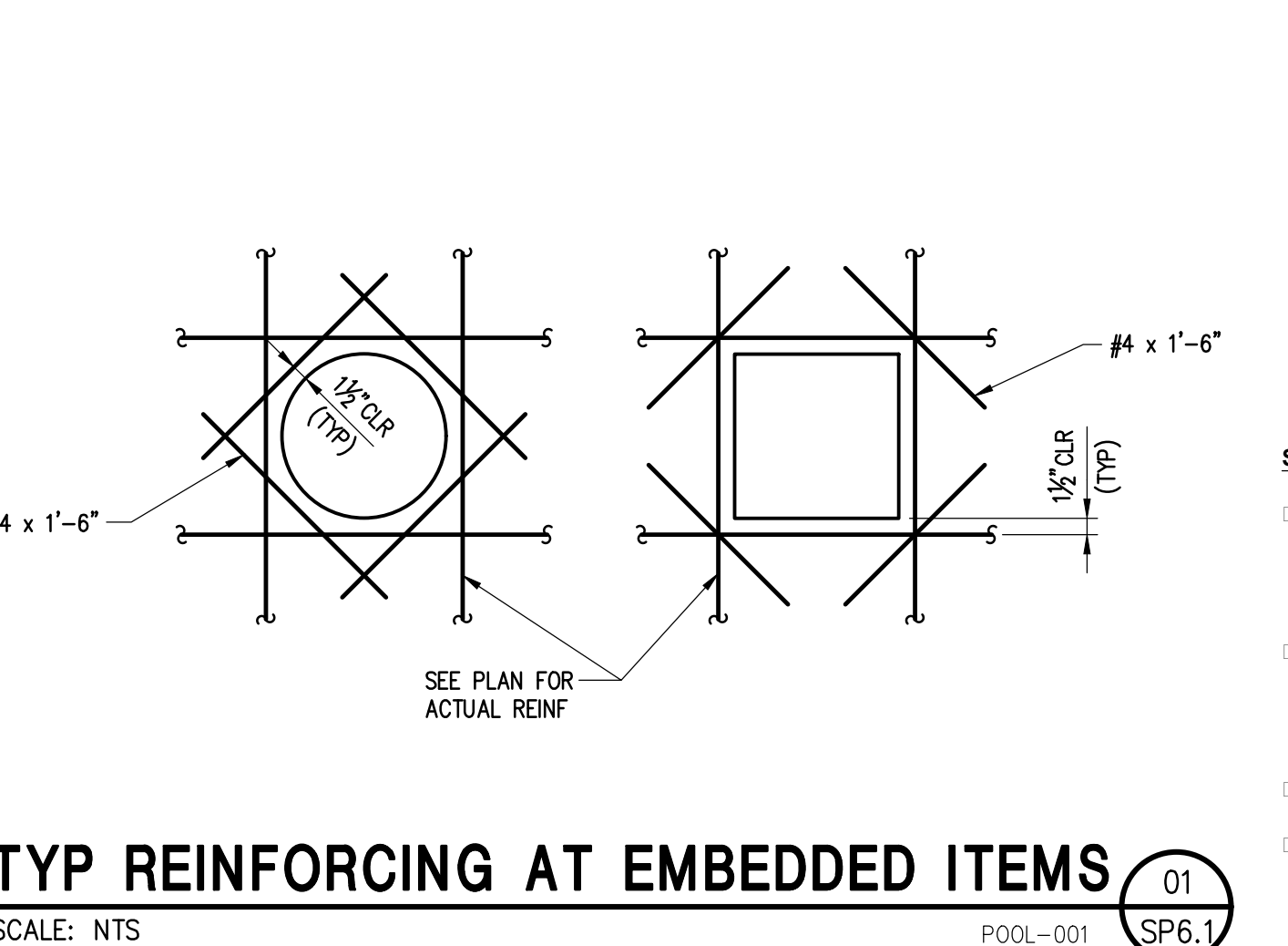
AR ANCHOR RODS	MAT L MATERIAL
ACI AMERICAN CONCRETE INSTITUTE	MAX MAXIMUM
ADD L ADDITIONAL	MBM METAL BUILDING MFR
ADH ADHESIVE	MCA MASONRY CONTROL JT
ADJ ADJUNCT	MCH MECHANICAL
ASS ARCHITECTURALLY EXPOSED	MEZZ MEZZANINE
AST STRUCTURAL STEEL	MFR MANUFACTURER
AGGR AGGREGATE	ASFC ASBESTIC FINISHED FLOOR
AHU AIR HANDLING UNIT	MINI MINIMUM
AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION	MISC MISCELLANEOUS
AISI AMERICAN IRON AND STEEL INSTITUTE	MO MASONRY OPENING
ALUM ALUMINUM	MOM MOMENT
ALT ALTERNATE	MSW MASONRY SHEAR WALL
APA AMERICAN PLYWOOD ASSOCIATION	MSL MEAN SEA LEVEL
APPROX APPROXIMATE	MTL METAL
ARCH ARCHITECT	MF MASONRY WALL
ASTM AMERICAN SOCIETY OF TESTING MATERIALS	NIC NOT IN CONTRACT
AWG AMERICAN WELDING SOCIETY	NO NUMBER
ANG ANGLE	NS NEAR SIDE
BB BOND BEAM	NTS NOT TO SCALE
B/B BACK TO BACK	O/O OUT OUT
BC BOTTOM CHORD	OA OVERALL
BD BOARD	OD OUTSIDE DIAMETER
BLDG BUILDING	OF OUTSIDE FACE
BLK BLOCK	OH OVER HEAD
BM BEAM	OPG OPENING
BOTT BOTTOM	OPP OPPOSITE
BP BEARING PLATE	OPP HD OPPOSITE HAND
BRDG BRIDGING	OSB ORIENTED STRAND BOARD
BRG BEARING	OST OUTSTANDING LEG
BRK BRICK	OVS OVERSIZE HOLE
BS BOTH SIDES	PAF POWDER ACTUATED FASTENER
BST BASEMENT	PC PRECAST
BTWN BETWEEN	PL PLATE
BUC BUILT UP COLUMN	PLF POUNDS PER LINEAR FOOT
C/C CAMBER	PLW PL WOOD
C/C CENTER TO CENTER	PROJ PROJECTION
CANT CANTILEVER	PSF POUNDS PER SQUARE FOOT
CFS COLD FORMED STEEL CONTROL AND OR CONSTRUCTION JOINT	PSI POUNDS PER SQUARE INCH
CL CENTERLINE	PSL PARALLEL STRAND LUMBER
CLR CLEAR	PT PRESSURE TREATED
CMU CONCRETE MASONRY UNIT	PTN PARTITION
COL COLUMN	PMNT PAVEMENT
COORD COORDINATE	R RADIUS
COMP COMPACTED	RD ROOF DRAIN
CONC CONCRETE	REF REFERENCE
CONN CONNECTION	REIN REINFORCE (D) (ING) (MENT)
CONST CONSTRUCTION	REQ'D REQUIRED
CONT CONTINUOUS	REV REVISION/REVISED
CTR CENTER	ROU ROUGH OPENING
CTRD CENTERED	RRD ROOF RELIEF DRAIN
DIA DIAMETER	RTN RETURN
DIAG DIAGONAL	RTU ROOF TOP UNIT
DIM DIMENSION	RW RETAINING WALL
DL DEAD LOAD	SCHED SCHEDULE
DLT DEEP LEG TRACK	SECT SECTION
DO DITTO	SHT SHEET
DN DOWN	SIM SIMILAR
DTL DETAIL	SJ SAWCUT JOINT
DWG DRAWING	SJI STEEL JOIST INSTITUTE
DWL DWEL	SL SLOPED
EA EACH	SLRS SEISMIC LOAD RESISTING
E/END EACH END	SPA SPACE(S)
EF EACH FACE	SPCS SPECIFICATIONS
ENG ENGINEER	SO SQUARE
ELEV ELEVATION	SS STAINLESS STEEL
ELECT ELECTRICAL	SSL SHORT SLOTTED HOLES
EOD EDGE OF DECK	STD STANDARD
EOS EDGE OF SLAB	STIFF STIFFENERS
EQU EQUIVALENT	STL STEEL
ES EACH SIDE	STRUCT STRUCTURAL
EW EACH WAY	SW SHEAR WALL
EX EXISTING	SYMM SYMMETRICAL
EXP EXPANSION	T&B TOP AND BOTTOM
EXT EXTERIOR	T&G TONGUE AND GROOVE
F/F FACE OF	TB TIE BEAM
FD FLOOR DRAIN	TC TOP CHORD
FDN FOUNDATION	TEMP TEMPERATURE
FIN FINISH	TF TRENCH FOOTING
FLR FLOOR	THK THICK
FLG FLANGE	THKS THICKENED SLAB
FS FAR SIDE	THR'D THREADED
FTG FOOTING	TL TOTAL LOAD
GA GAUGE	TOPPING TOPPING
GALV GALVANIZED	TRANS TRANSVERSE
GB GRADE BEAM	TYP TYPICAL
GC GENERAL CONTRACTOR	UNO UNLESS NOTED OTHERWISE
GL GLULAM	VERT VERTICAL
GR GRADE	VIF VERIFY IN FIELD
HC HOLLOW CORE	W/ WITH
HD HOLD DOWN	WO WOOD
HGT HEIGHT	WO WINDOW OPENING (MASONRY)
HORIZ HORIZONTAL	WP WORKING POINT
HS HEADED STUD	WT WEIGHT
HSS HOLLOW STRUCTURAL SECTION	WFF WELDED WIRE FABRIC
ID INSIDE DIAMETER	
IF INSIDE FACE	
INFO INFORMATION	
INT INTERIOR	
INV INVERT	
JST JOIST	
JT JOINT	
K KIP	
KO KNOCK OUT	
LB POUND	
LDG LEDGE	
LG LONG	
LL LIVE LOAD	
LLH LONG LEG HORIZONTAL	
LLV LONG LEG VERTICAL	
LNTL LINTEL	
LSL LONG SLOTTED HOLES	
LONG LONGITUDINAL	
LP LOW POINT	
LVL LAMINATED VENEER LUMBER	
MAS MASONRY	



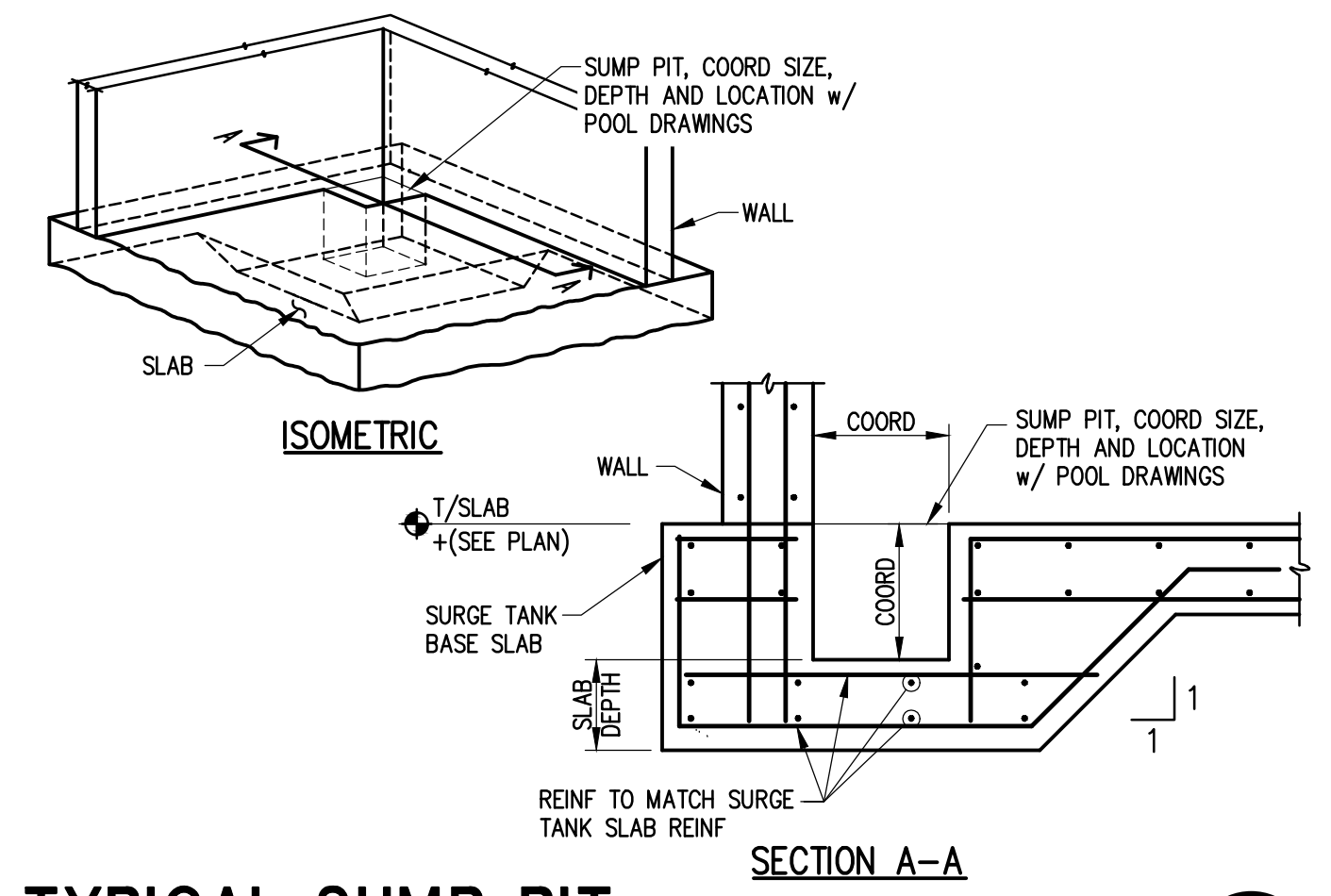
**TYPICAL SLAB/WALL JOINT**  
SCALE: NTS  
POOL-010 SP6.1



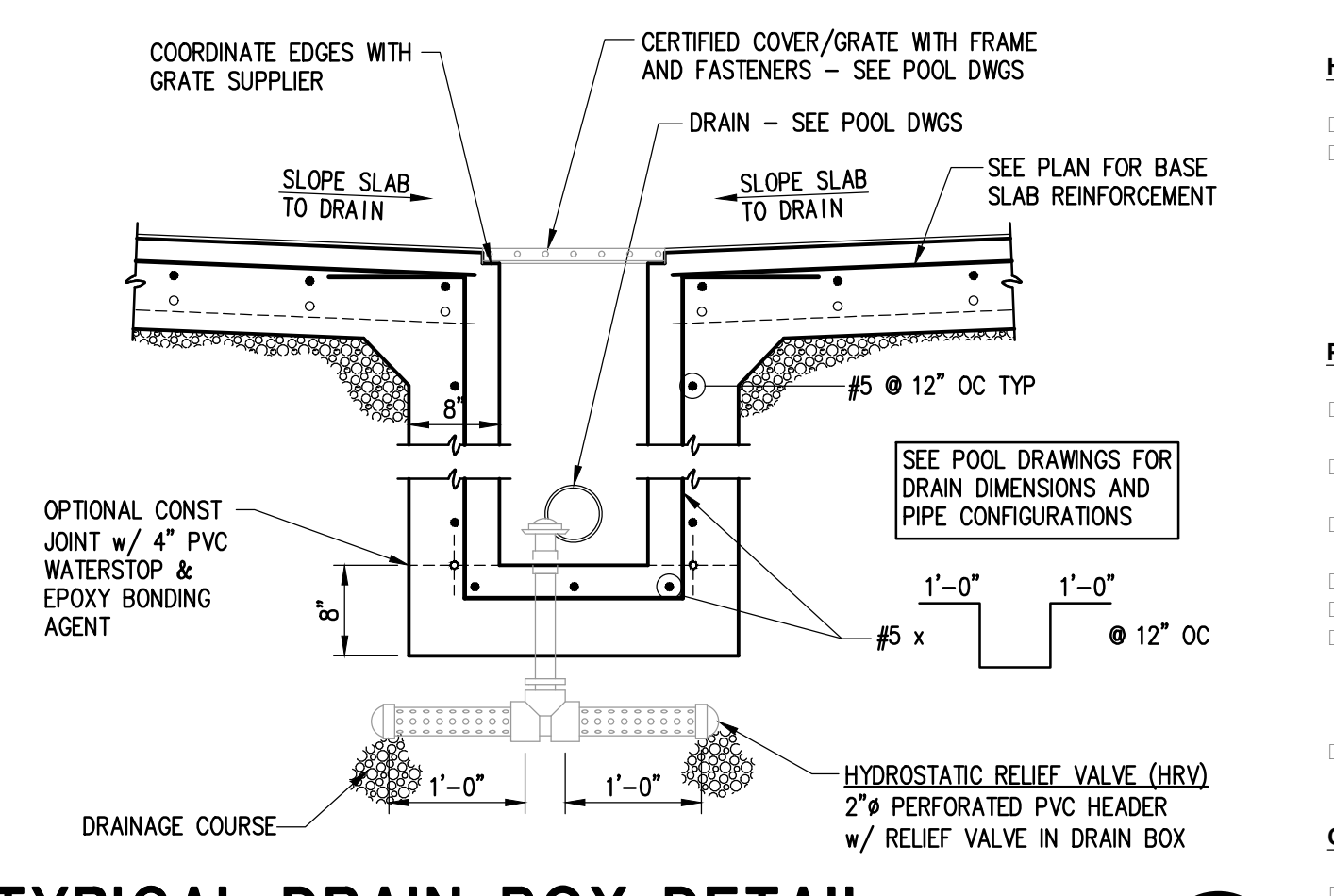
**TYPICAL SECTION AT SURGE TANK**  
SCALE: 3/4\"/>



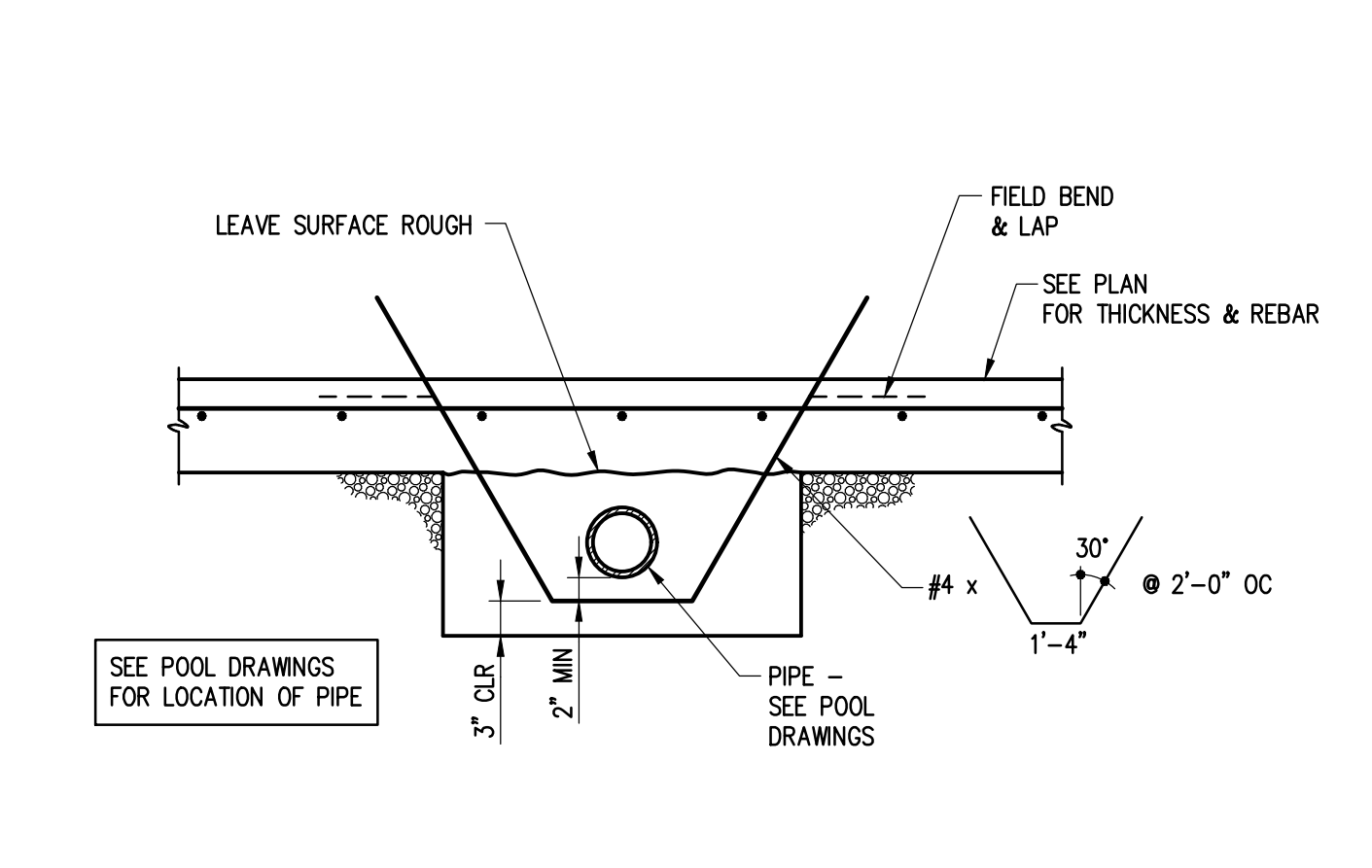
**TYP REINFORCING AT EMBEDDED ITEMS**  
SCALE: NTS  
POOL-001 SP6.1



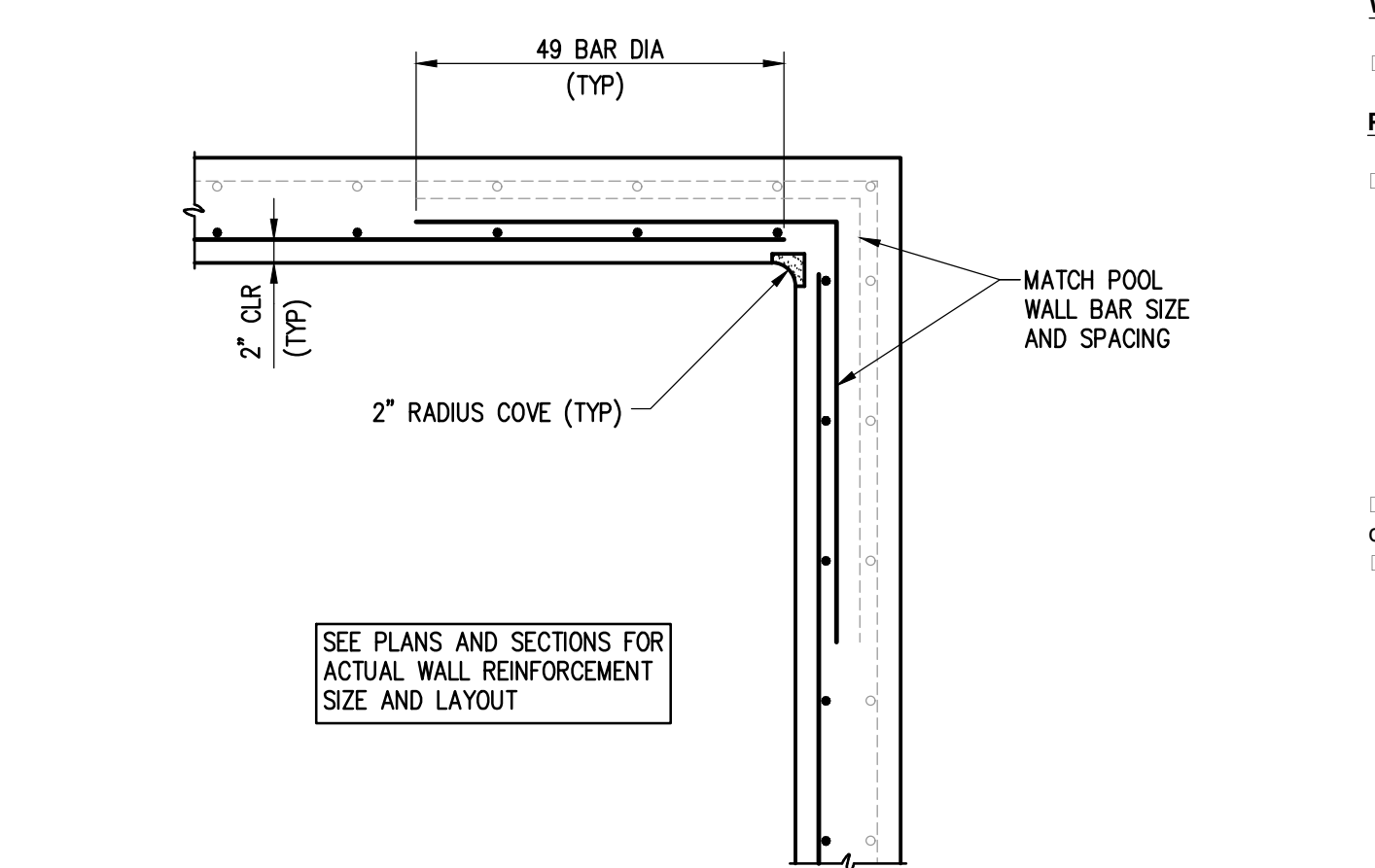
**TYPICAL SUMP PIT**  
SCALE: NTS  
POOL-012 SP6.1



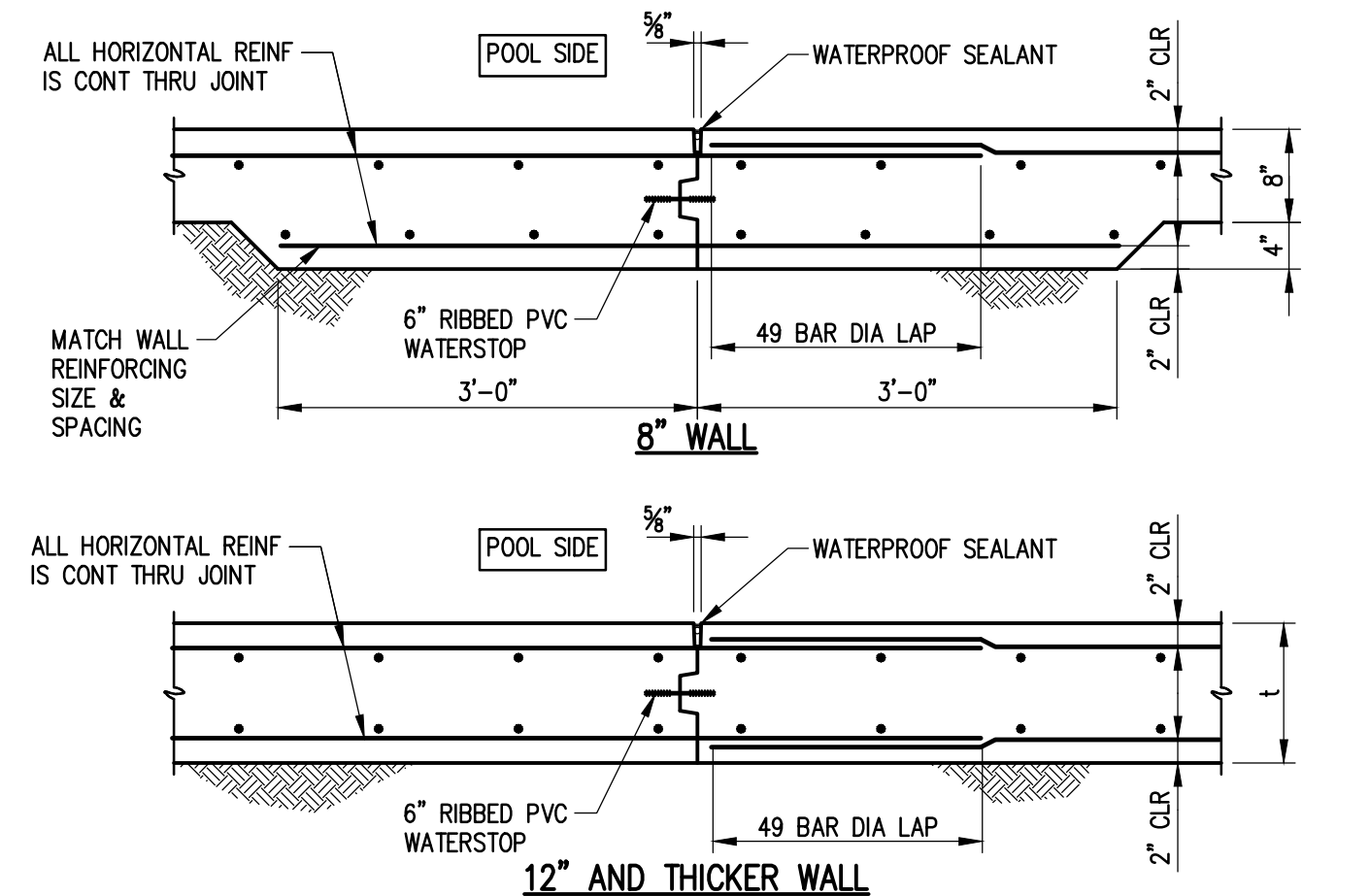
**TYPICAL DRAIN BOX DETAIL**  
SCALE: 3/4\"/>



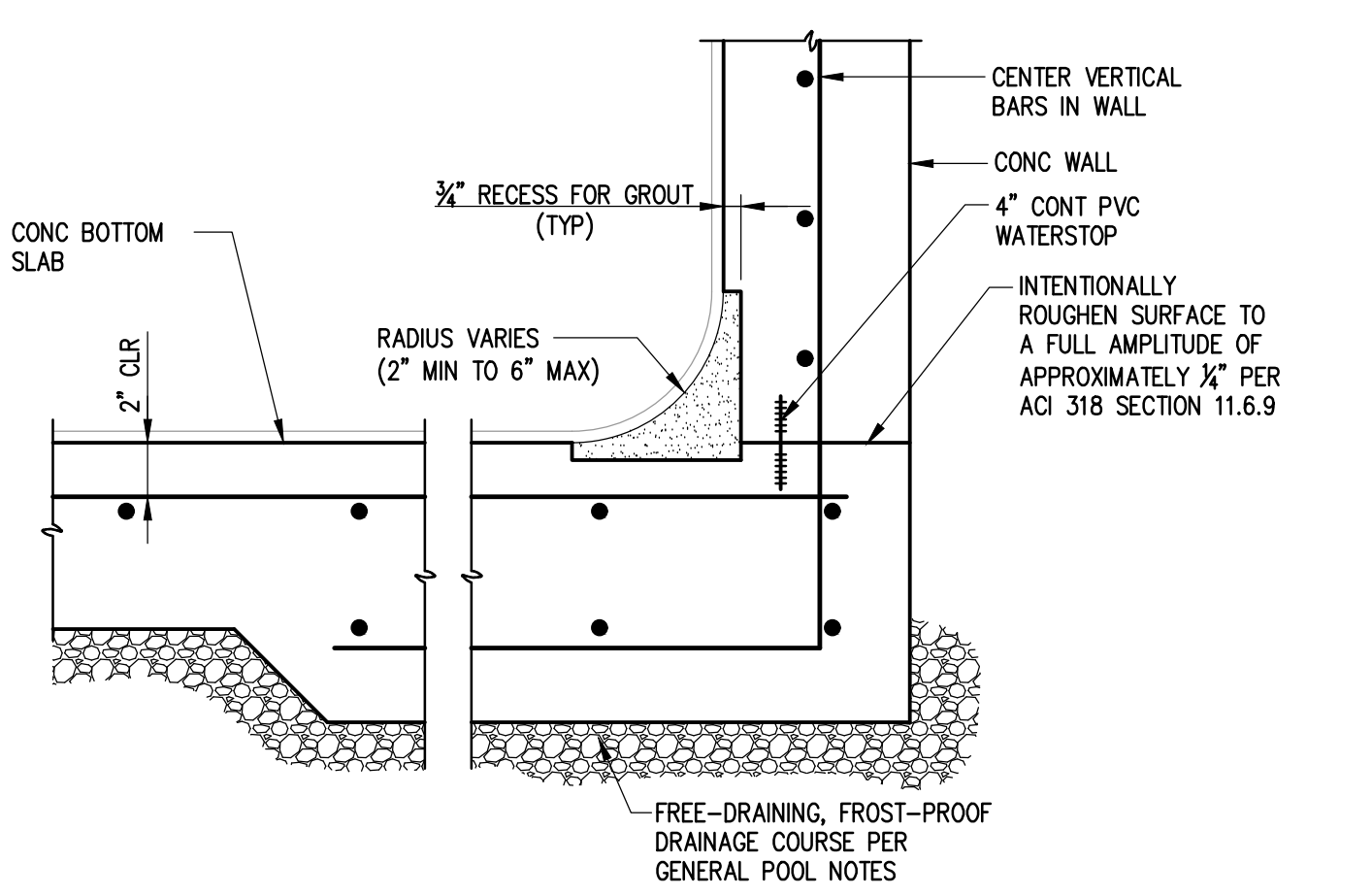
**TYPICAL PIPE ENCASEMENT DETAIL**  
SCALE: NTS  
POOL-015 SP6.1



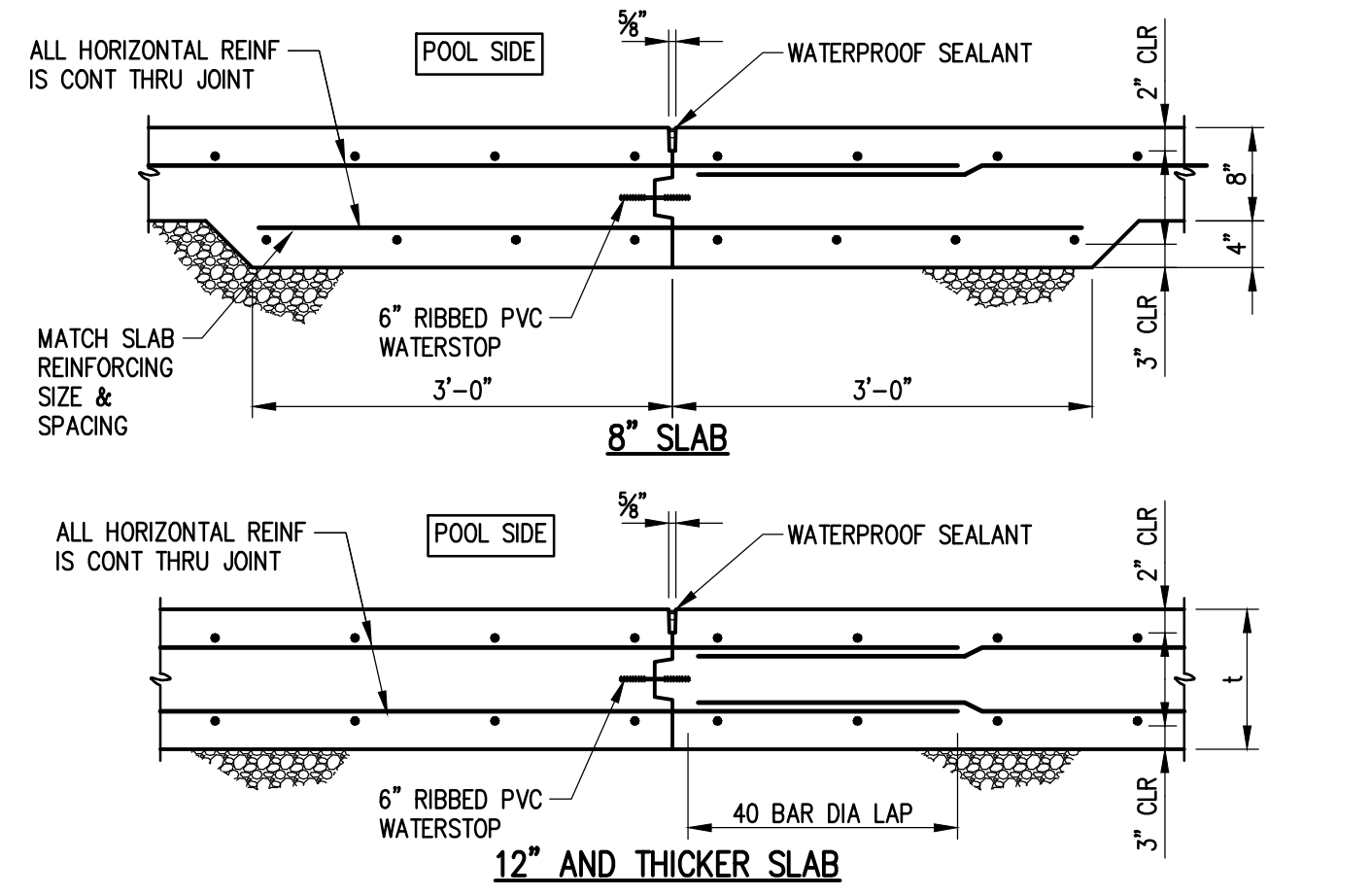
**TYPICAL POOL WALL CORNER DETAIL**  
SCALE: 3/4\"/>



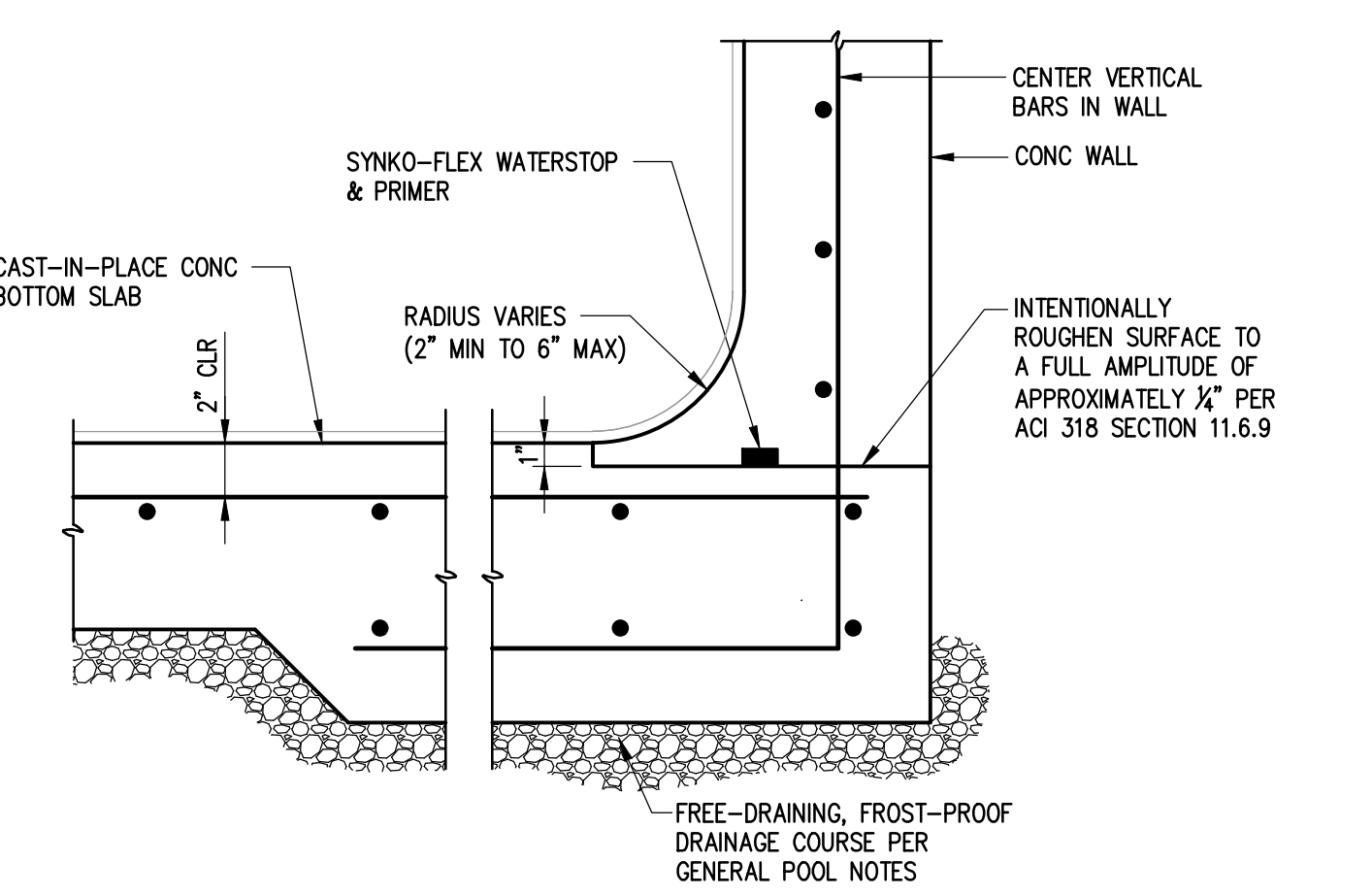
**TYP CONCRETE WALL CONSTRUCTION JOINT**  
SCALE: 3/4\"/>



**TYP CAST-IN-PLACE WALL BASE**  
SCALE: 1 1/2\"/>



**TYP POOL SLAB CONSTRUCTION JOINT**  
SCALE: NTS  
POOL-017 SP6.1



**TYP SHOTCRETE WALL BASE**  
SCALE: 1 1/2\"/>



**SWIMMING POOL STRUCTURE NOTES**

1. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE (IBC) AND THE 2015 INTERNATIONAL RESIDENTIAL CODE (IRC).
2. ALL CONCRETE SHALL BE 3000 PSI COMPRESSIVE STRENGTH WITH 4% MINIMUM STEEL FIBER REINFORCEMENT.
3. ALL REINFORCING SHALL BE #5 EPOXY COATED BARS UNLESS OTHERWISE NOTED.
4. ALL JOINTS SHALL BE REINFORCED WITH 4\"/>

**HYDROSTATIC RELIEF VALVES**

1. HYDROSTATIC RELIEF VALVES (HRV) SHALL BE 2\"/>

**POOL SHELL AND RELATED ELEMENTS REINFORCED CONCRETE AND SHOTCRETE NOTES**

1. ALL CONCRETE SHALL BE 3000 PSI COMPRESSIVE STRENGTH WITH 4% MINIMUM STEEL FIBER REINFORCEMENT.
2. ALL REINFORCING SHALL BE #5 EPOXY COATED BARS UNLESS OTHERWISE NOTED.
3. ALL JOINTS SHALL BE REINFORCED WITH 4\"/>

**CONSTRUCTION LOAD NOTES**

1. CONSTRUCTION LOADS SHALL BE 50 PSF UNIFORM AND 100 LB POINT UNLESS OTHERWISE NOTED.

**WATER-TIGHTNESS TESTING**

1. WATER-TIGHTNESS TESTING SHALL BE PERFORMED IN ACCORDANCE WITH ACI 308 SECTION 11.6.9.

**POOL FOUNDATION STRUCTURE**

1. FOUNDATION SHALL BE REINFORCED CONCRETE WITH 4% MINIMUM STEEL FIBER REINFORCEMENT.
2. ALL REINFORCING SHALL BE #5 EPOXY COATED BARS UNLESS OTHERWISE NOTED.

**PROJECT TITLE**  
**Ford Woods Park Pool**

**CITY OF DEARBORN**

**DRAWING TITLE**  
POOL STRUCTURAL DETAILS

**BAR DEVELOPMENT & SPLICE LENGTHS**

BAR	TENSION DEVELOPMENT		SPLICES	
	TOP BAR +	OTHER	TOP BAR +	OTHER
#3	19"	15"	25"	19"
#4	25"	19"	33"	25"
#5	31"	24"	41"	31"
#6	37"	29"	49"	37"
#7	54"	42"	71"	54"
#8	62"	48"	81"	62"
#9	70"	54"	91"	70"
#10	79"	61"	102"	79"
#11	87"	67"	114"	87"

\* USE TOP BAR LENGTHS WHEN BARS ARE PLACED SUCH THAT THERE IS MORE THAN 1'-0" OF CONCRETE BELOW BAR

REGISTRATION SEAL

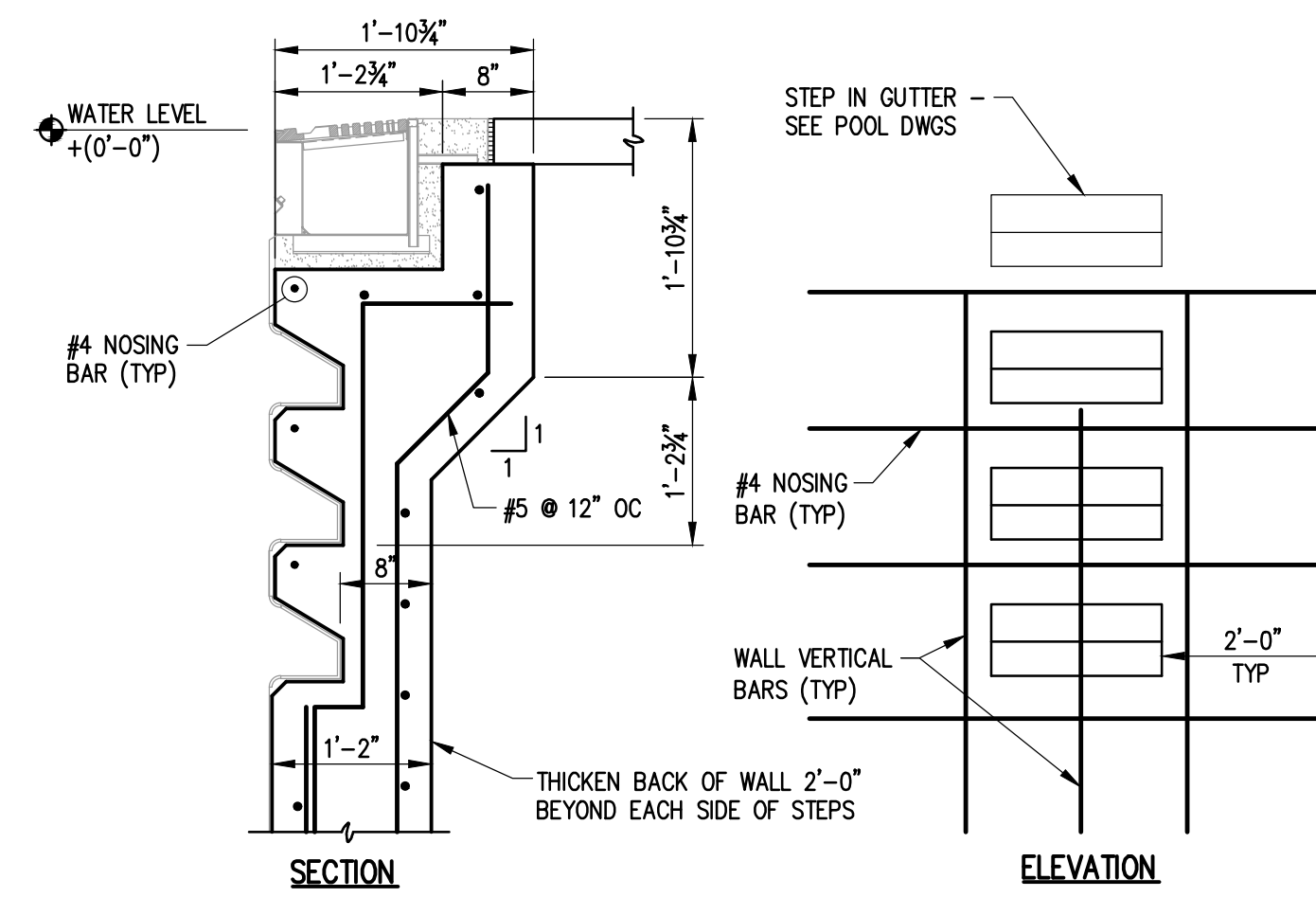
CONSULTANT

CITY OF DEARBORN

ISSUE DATES

DATE ISSUED FOR:  
DRAWN: KLS  
CHECKED: TAM  
APPROVED: CRM

PROJECT NO.  
**17071**  
DRAWING NO.  
**SP6.1**



**TYP RECESSED STEPS**

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

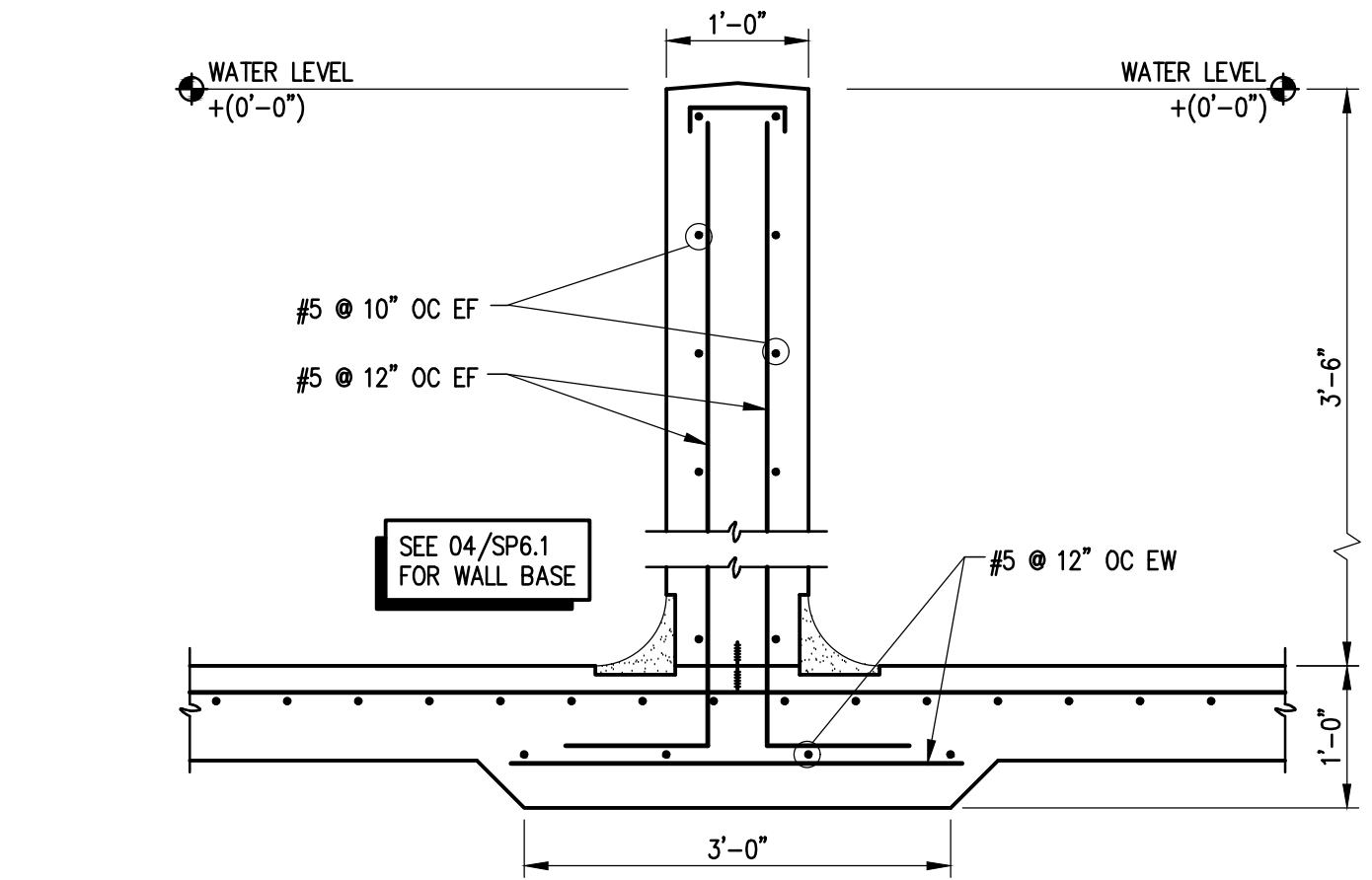
DET010\_17249



**SECTION**

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

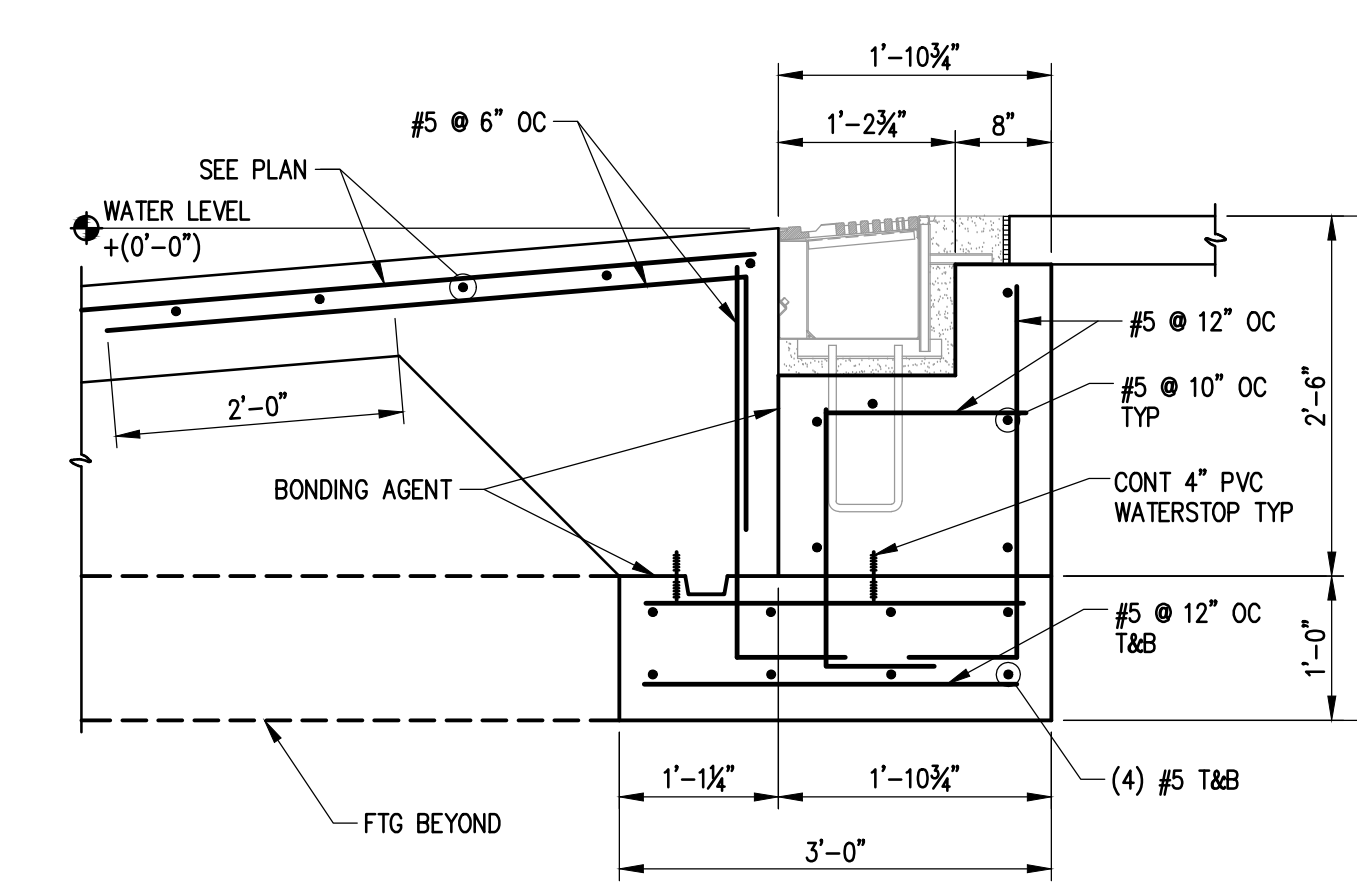
DET005\_17249



**SECTION**

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

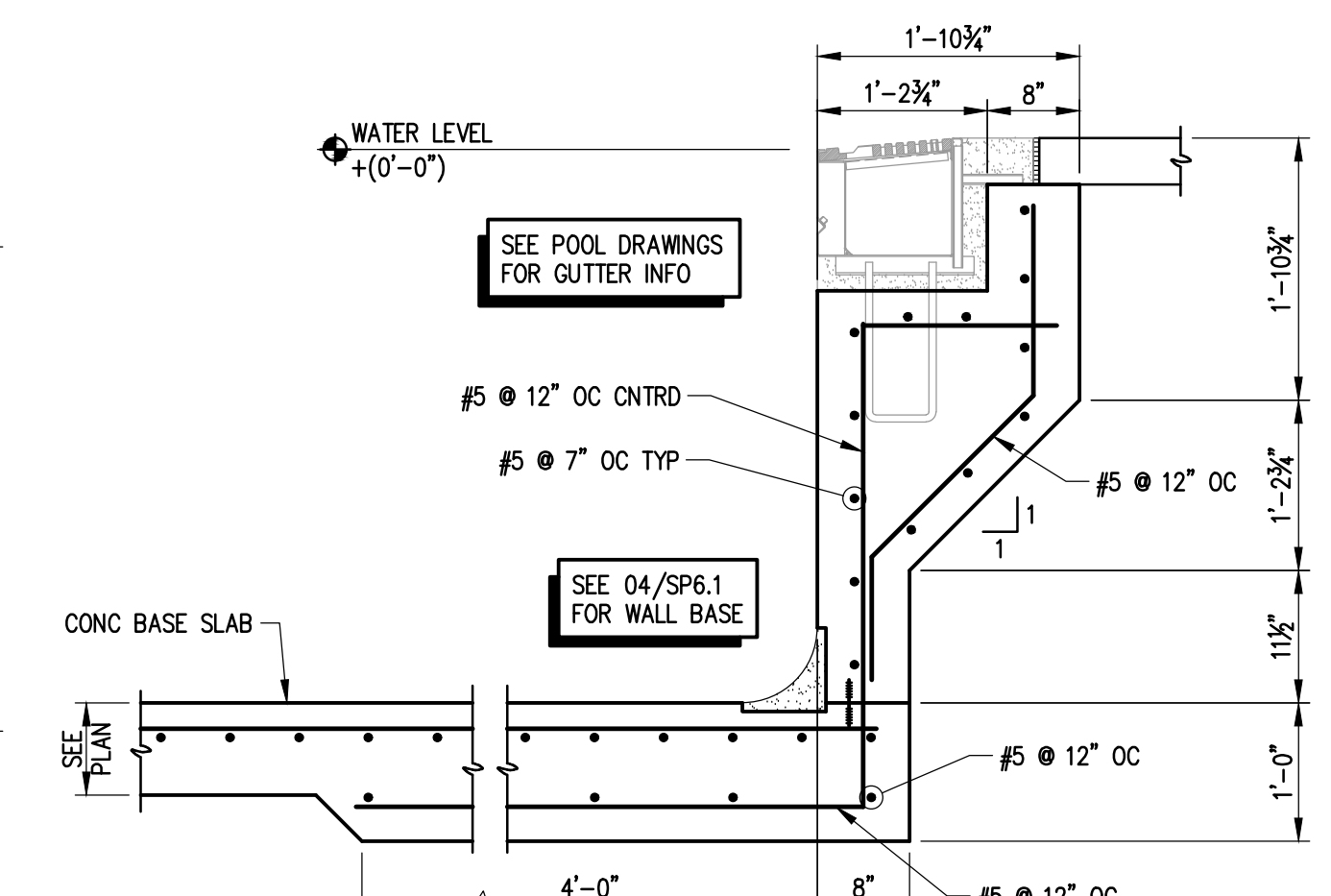
DET020\_17249



**SECTION**

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

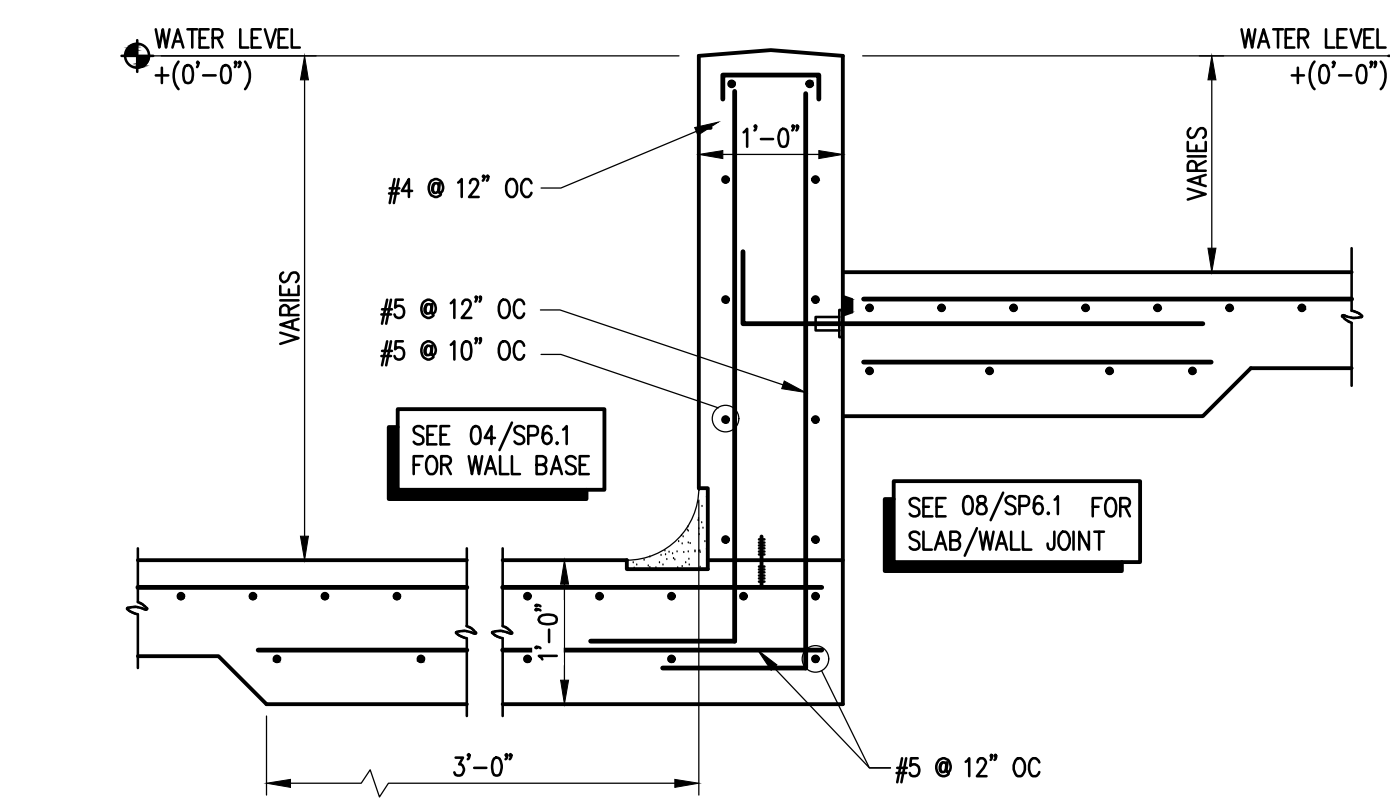
DET006\_17249



**SECTION**

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

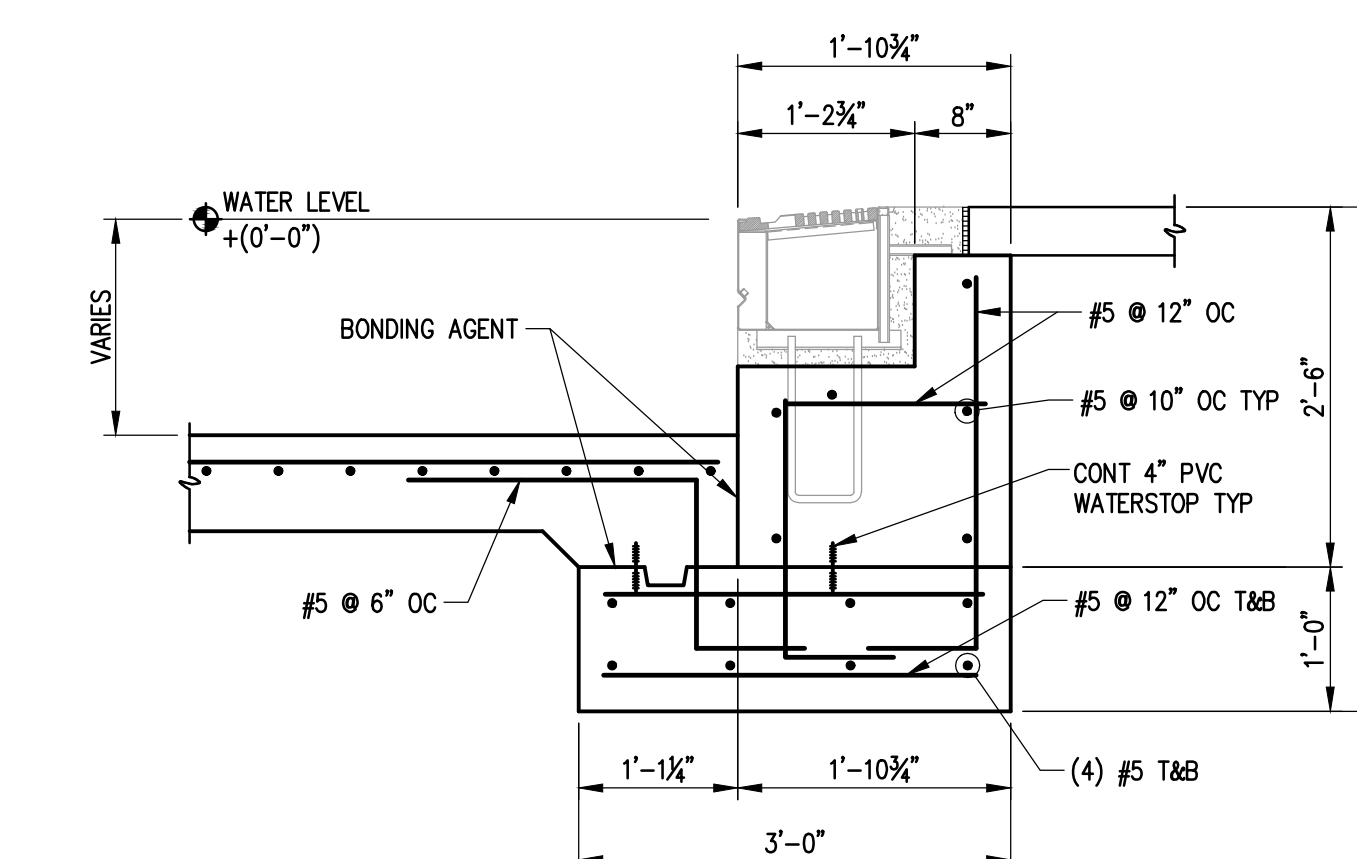
DET001\_17249



**SECTION**

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

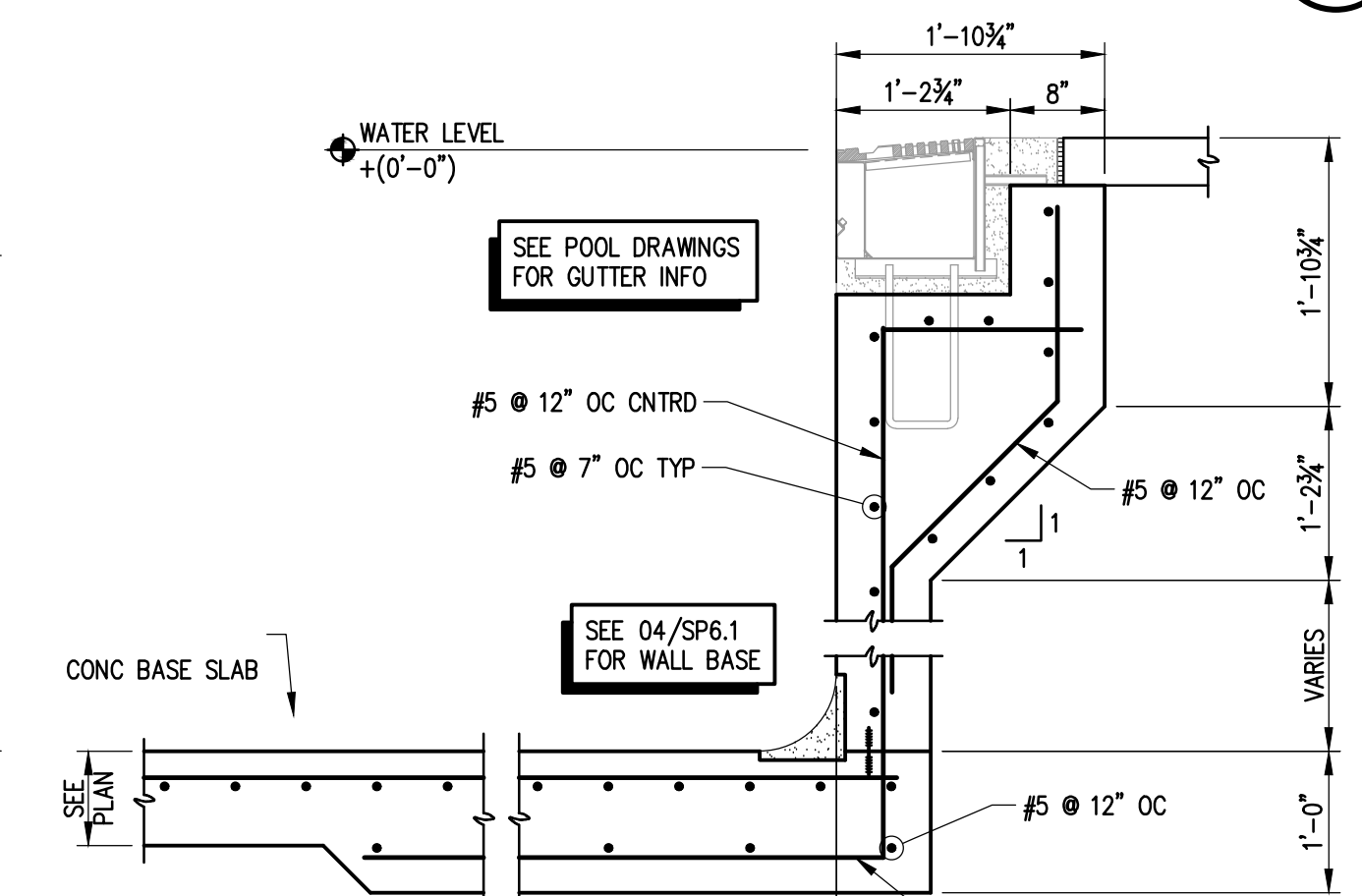
DET015\_17249



**SECTION**

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

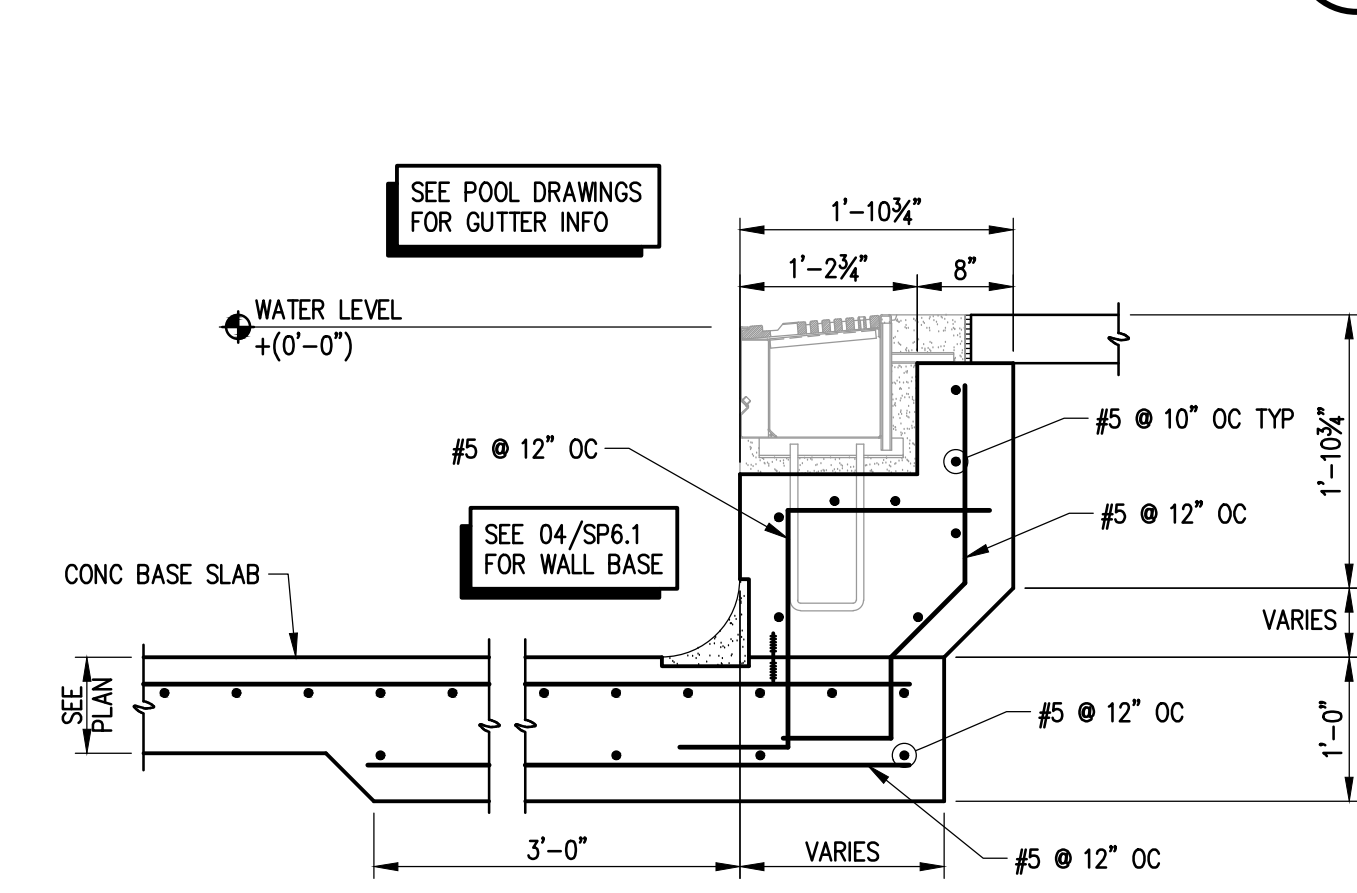
DET007\_17249



**SECTION**

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

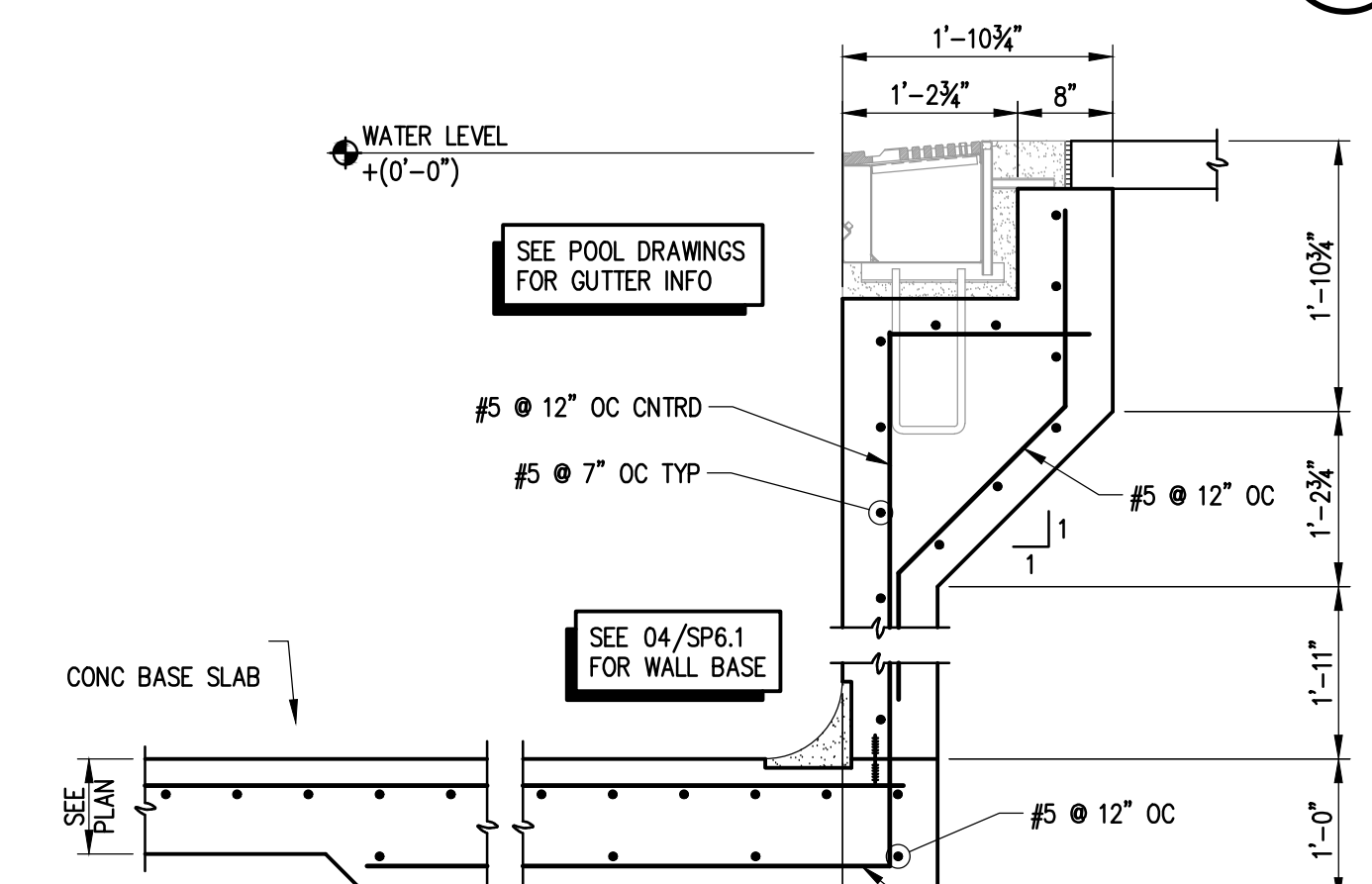
DET002\_17249



**SECTION**

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

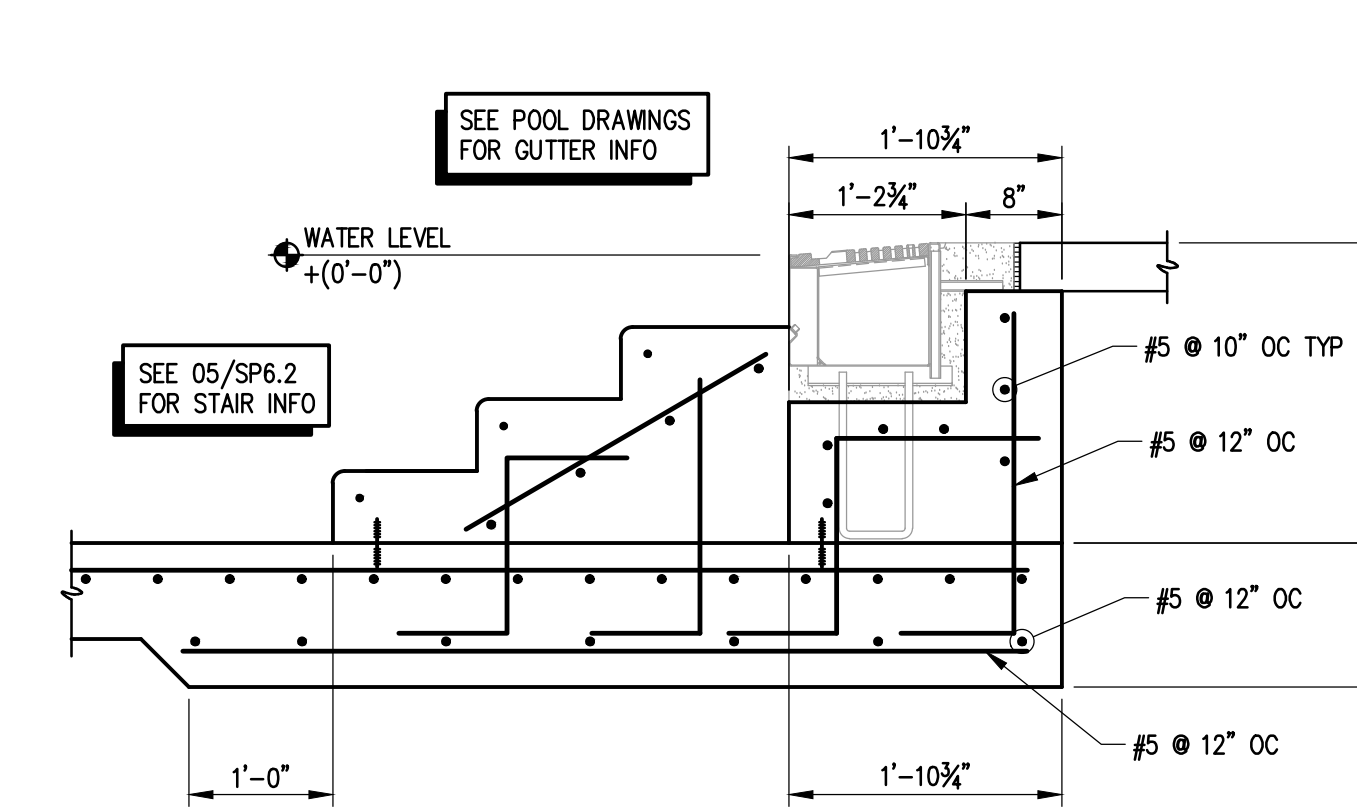
DET008\_17249



**SECTION**

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

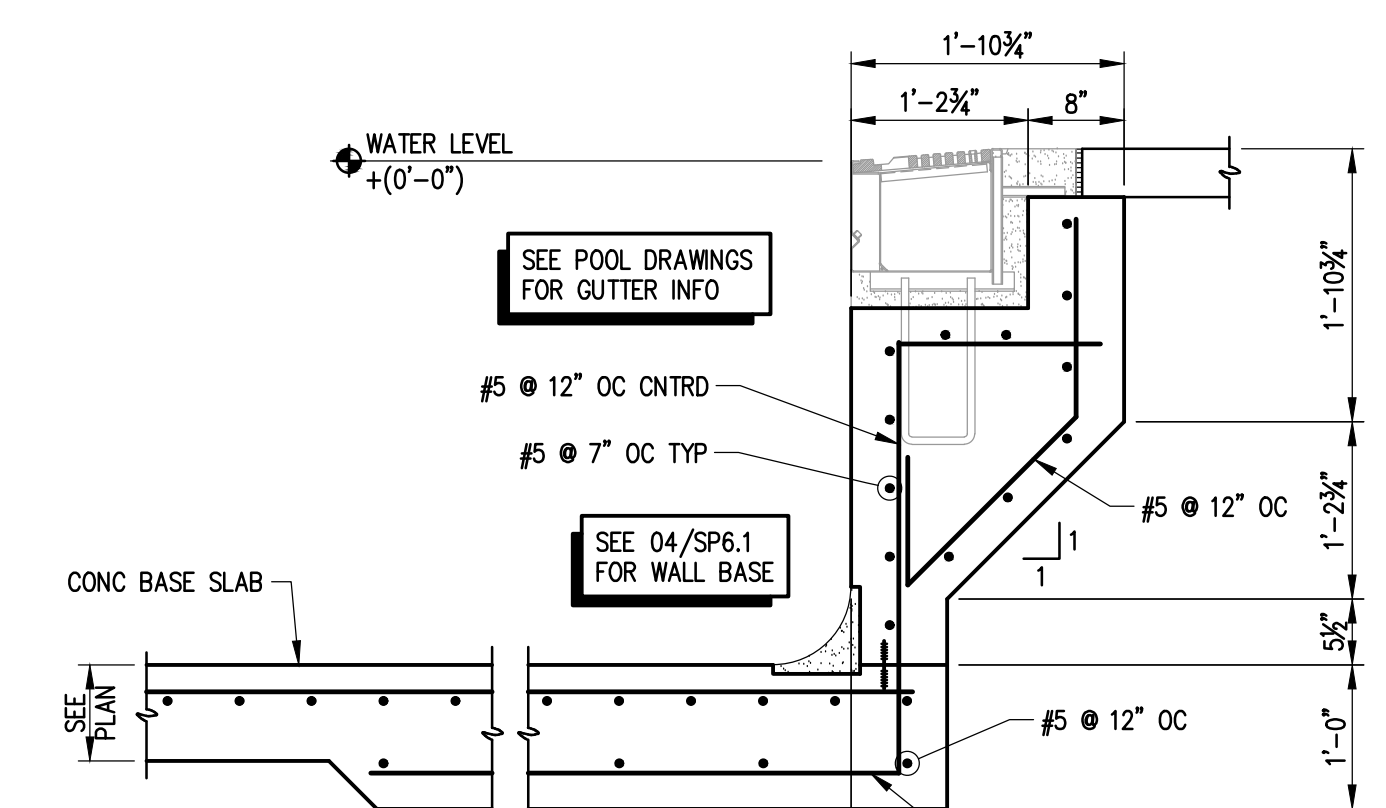
DET003\_17249



**SECTION**

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

DET009\_17249



**SECTION**

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

DET004\_17249

REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Ford Woods  
Park Pool**

City of Dearborn

DRAWING TITLE  
POOL STRUCTURAL SECTIONS

ISSUE DATES

DATE ISSUED FOR:

DRAWN KLS

CHECKED TMM

APPROVED CRM

PROJECT NO.

**17071**

DRAWING NO.

**SP6.2**