

LEGEND

- 4'-0" DEEP
- LIFEGUARD CHAIR
- MAIN DRAIN
- LANE DIVIDERS
- POOL LADDER
- POOL DECK PERIMETER FENCE
- H.B.
- HOSE BIB, RECESSED FROST-PROOF & ANTI-SIPHON TYPE
- LIGHT POST
- FENCE MOUNTED DEPTH MARKER
- BENCH
- LANDSCAPE FLOOD LIGHTS

NOTE: FINAL POSITIONING AND LIFEGUARD COUNTS TO BE DETERMINED IN CONJUNCTION WITH THE POOL SAFETY PLAN APPROVAL. COORDINATE AS REQUIRED.

POOL DATA

POOL PERIMETER	455 LIN. FT.
POOL AREA	11,360 SQ. FT.
MAX. NUMBER OF PEOPLE IN POOL AT ONE TIME (11,360 SQ. FT. ÷ 15)	757
POOL DECK AREA (5' WALKWAY EXCLUDED)	8,960 SQ. FT.
MAX. NUMBER OF PEOPLE ON IMMEDIATE DECK (8,960 SQ. FT. ÷ 50)	179
MAX. OCCUPANCY IN POOL AREA (POOL & DECK)	936

POOL ALARM NOTE

POOL ALARMS ARE REQUIRED PURSUANT TO TITLE 19 (NYCRR) CHAPTER XXIII, STATE FIRE PREVENTION & BUILDING CODE (UNIFORM CODE), PART 1221, SECTION 1221.3 AND ARE SUBJECT TO APPROVAL BY THE LOCAL MUNICIPAL CODE ENFORCEMENT OFFICIAL. POOL ALARMS ARE NOT INCLUDED AS PART OF THIS DEPARTMENT OF HEALTH APPROVAL.

ADA ACCESSIBILITY NOTE

POOL SHALL BE DESIGNED IN ACCORDANCE WITH THE 2010 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN FOR SWIMMING POOLS AND SPAS. THE DEPARTMENT OF JUSTICE IS RESPONSIBLE FOR IMPLEMENTATION AND ENFORCEMENT OF THE REGULATIONS. COMPLIANCE WITH THESE STANDARDS IS NOT INCLUDED AS PART OF THIS DEPARTMENT OF HEALTH APPROVAL.

ENERGY CODE NOTES

- ALL POOLS SHALL BE PROVIDED WITH ENERGY-CONSERVING MEASURES IN ACCORDANCE WITH THE LATEST NYS ENERGY CONSERVATION CONSTRUCTION CODE.
- NO POOL HEAT PROVIDED.
  - PUBLIC HEALTH STANDARDS REQUIRE 24-HOUR PUMP OPERATION. TIME SWITCHES OR OTHER CONTROL METHOD ARE NOT PERMITTED TO TURN OFF PUMPS ON A PRESET SCHEDULE.

POOL & DECK ILLUMINATION LEVELS - NIGHT SWIMMING

POOL IS DESIGNED FOR NIGHT SWIMMING IN ACCORDANCE WITH SUBPART 6-1.29.7.1. A MINIMUM OF 50 FOOTCANDLES OF ILLUMINATION LEVELS ARE TO BE PROVIDED AT THE POOL DECK AND WATER SURFACE.

NOTE: UNDERWATER POOL LIGHTING IS SUPPLEMENTAL ONLY.

POOL BARRIER FENCING NOTES

- POOL BARRIER FENCING AND GATES SHALL COMPLY WITH BUILDING CODE 3109.3.2.
- A MINIMUM 4'-0" HIGH BARRIER FENCE IS REQUIRED.
- ALL DOORS AND GATES LEADING TO POOL AREA SHALL BE SELF CLOSING, SELF LATCHING AND LOCKABLE.
- THE GATE LATCH SHALL BE INSTALLED ON THE POOL-SIDE OF THE GATE AT A MINIMUM OF 40" OR 54" ABOVE GRADE/DECK, DEPENDING ON CONSTRUCTION.
- OPENINGS IN PICKET TYPE FENCING SHALL BE LESS THAN 4". PICKETS MUST EXTEND ABOVE THE TOP RAIL.
- POOL BARRIER FENCE SHALL BE CAPABLE OF RESISTING A MINIMUM LATERAL LOAD OF 150 LBS. APPLIED MIDWAY BETWEEN THE POSTS AND AT TOP OF POSTS, AND ABLE TO WITHSTAND A CONCENTRATED LATERAL LOAD OF 50 LBS. APPLIED ANYWHERE BETWEEN SUPPORTS ON AN AREA 12 INCHES SQUARE, WITHOUT FAILURE OR PERMANENT DEFORMATION.
- BARRIERS COMPOSED OF HORIZONTAL & VERTICAL MEMBERS AND THE DISTANCE BETWEEN THE TOPS OF THE HORIZONTAL MEMBERS IS GREATER THAN 45" OR MORE, THE SPACING BETWEEN THE VERTICAL MEMBERS SHALL NOT BE GREATER THAN 4". WHERE THERE ARE DECORATIVE CUTOUTS WITHIN VERTICAL MEMBERS, SPACING WITHIN THE CUTOUTS SHALL NOT BE GREATER THAN 1.75" IN WIDTH.
- WHERE THE BARRIER IS COMPOSED OF DIAGONAL MEMBERS, THE MAXIMUM OPENING FORMED BY THE DIAGONAL MEMBERS SHALL NOT BE GREATER THAN 1.75".
- SEE ARCHITECT'S DRAWINGS FOR FENCE AND GATE DETAILS.

1 POOL SITE PLAN  
SCALE 3/32" = 1'-0"

AQUATECTONIC  
Lothrop Associates LLP  
333 WESTCHESTER AVENUE  
WHITE PLAINS, NEW YORK 10604  
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CONTRACTOR PROJECT COORDINATOR

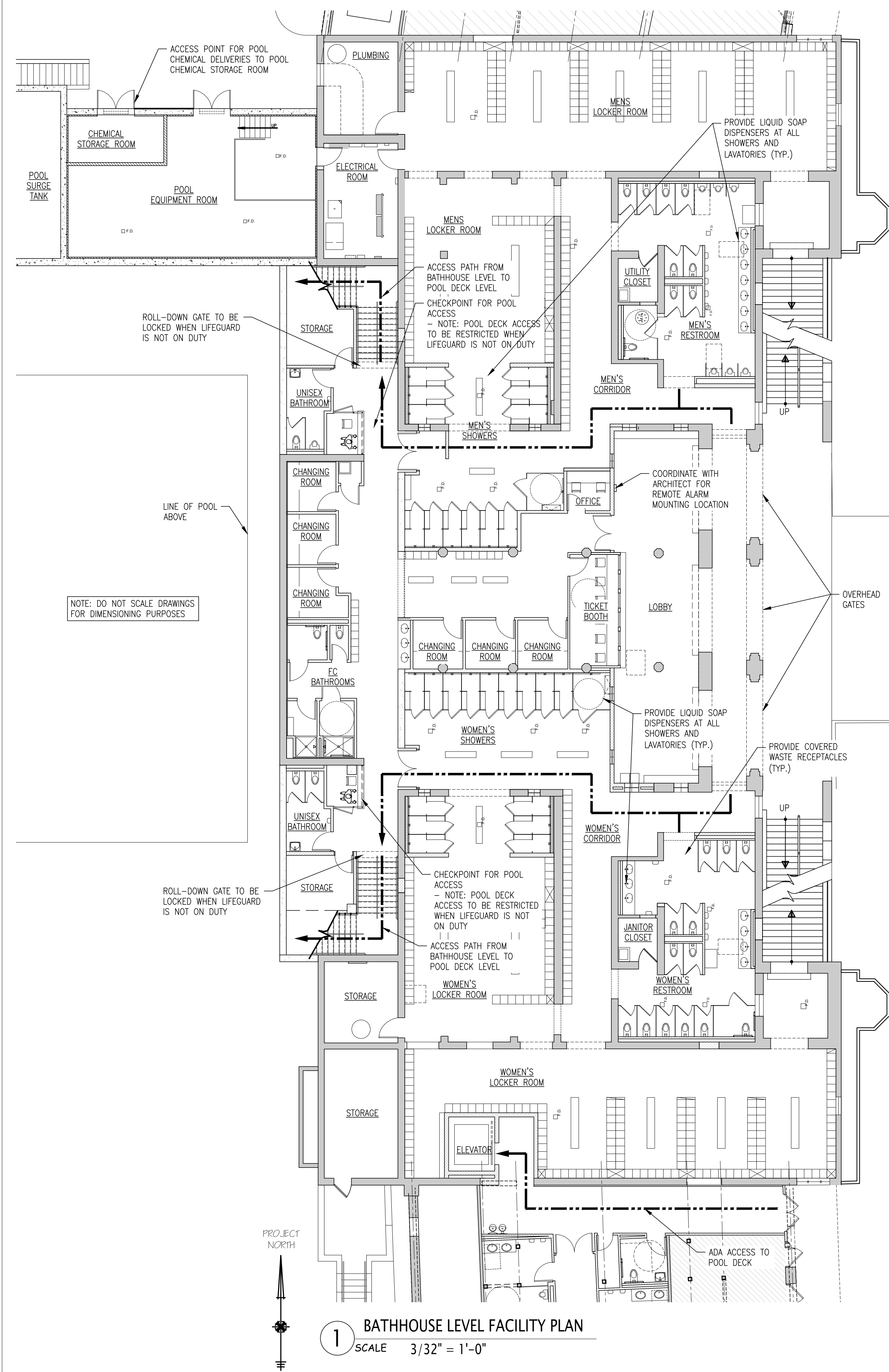
NAME SIGNATURE TITLE DATE

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING

REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
POOL SITE PLAN, FACILITY DATA AND NOTES

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>PL-001</b>
SHEET NO. <b>181</b> OF <b>201</b>	SCALE: <b>AS NOTED</b> DATE: <b>NOVEMBER 10, 2020</b>
DPW FILE NO. <b>1-19-S-538</b>	REV. NO. <b>0</b>





1 BATHHOUSE LEVEL FACILITY PLAN  
SCALE 3/32" = 1'-0"

## GENERAL NOTES

- DESIGN, CONSTRUCTION, AND MAINTENANCE OF THE POOL AND RELATED FACILITY SHALL BE IN ACCORDANCE WITH THE N.Y.S. SANITARY CODE SUBPART 6-1, N.Y.S. BUILDING CODE, AND ALL THE RULES AND REGULATIONS OF THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH. WHERE THERE IS CONFLICT BETWEEN CODES THE MORE STRINGENT CODE REQUIREMENT WILL APPLY.
- NO REFRESHMENTS OF ANY KIND SHALL BE ALLOWED ON THE POOL DECK.
- FLOORS, DECKS, AND BOTTOM OF POOL TO HAVE A NON-SLIP SURFACE.
- POOL DEPTH MARKERS, INDICATED WITH MINIMUM 4" HIGH NUMERALS SHALL BE PROVIDED IN ACCORDANCE WITH THE LAYOUT ON THE DRAWINGS. NUMBER SHALL BE PLACED ON BOTH THE POOL SIDE WALL AND DECK.
- FLOORS SHALL BE PITCHED A MINIMUM OF 1/4" PER FOOT TO DRAINS.
- HOSE BIBS SHALL BE PROVIDED WITH VACUUM BREAKERS.
- ADEQUATE VENTILATION SHALL BE PROVIDED IN THE POOL EQUIPMENT ROOM TO PROVIDE A MINIMUM OF 2 AIR CHANGES PER HOUR.
- THE POOL SHALL BE OPERATED UNDER SUPERVISION LEVEL II AS DEFINED BY THE N.Y.S. SANITARY CODE SUBPART 6-1.23 AS PER SAFETY PLAN FILES AND APPROVED BY WCDOH.
- ALL CONNECTIONS TO STREET WATER MAINS SHALL BE IN ACCORDANCE WITH LOCAL DEPARTMENT REQUIREMENTS.
- HOUSE SEWER CONNECTIONS AND APPROVAL TO HANDLE POOL WASTE AND DRAINS SHALL BE IN FULL ACCORDANCE WITH HEALTH DEPARTMENT REQUIREMENTS AND WESTCHESTER COUNTY.
- THE POOL OPERATOR MUST DEVELOP, UPDATE, AND IMPLEMENT A WRITTEN POOL SAFETY PLAN CONSISTING OF PROCEDURES FOR REACTING TO EMERGENCIES, INJURIES AND OTHER INCIDENTS, PROVIDING FIRST AID, AND SUMMONING HELP. THE SAFETY PLAN MUST BE SUBMITTED TO, AND APPROVED BY THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH PRIOR TO THE OPENING OF THE POOL. THE PLAN MUST BE KEPT ON FILE AT THE POOL AT ALL TIMES.
- THE POOL BUILDER SHALL PROVIDE A POOL OPERATION MANUAL. INCLUDED SHALL BE INSTRUCTIONS FOR EACH FILTER, PUMP, CHEMICAL FEED EQUIPMENT, OPENING & CLOSING POOL, DRAINING, BACKWASHING, FILLING AND GENERAL OPERATION, INCLUDING WINTERIZATION. DRAWINGS, ILLUSTRATIONS, AND PARTS LISTS SHALL BE INCLUDED ALONG WITH INSTRUCTIONS FOR THE OPERATION AND MAINTENANCE OF ALL THE EQUIPMENT.
- THE DRAWING SET HAS BEEN PREPARED FOR THE EXCLUSIVE USE BY THE CLIENT AND IS NOT INTENDED FOR ANY OTHER PURPOSE.
- THESE DRAWINGS HAVE BEEN PREPARED TO MEET ALL OF THE REQUIREMENTS SET FORTH BY THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH (WCDOH).
- THE POOL MUST BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE APPROVED DRAWINGS IN ORDER TO QUALIFY FOR A DOH OPERATING PERMIT.
- ALL CHANGES MUST HAVE WRITTEN APPROVAL FROM LOTHROP ASSOCIATES LLP, dba AQUATECTONIC ARCHITECTS AND WCDOH PRIOR TO SUCH CHANGE OR ALTERATION BEING IMPLEMENTED.
- IN ORDER TO BE ELIGIBLE FOR CERTIFICATION NECESSARY FOR AN OPERATING PERMIT, THE FOLLOWING SITE OBSERVATIONS ARE REQUIRED BY LOTHROP ASSOCIATES LLP, dba AQUATECTONIC ARCHITECTS (AQT) TO CONFIRM WORKMANSHIP, QUALITY STANDARDS AND CONFORMANCE TO THE APPROVED DRAWINGS.

### A. REQUIRED SITE OBSERVATIONS BY AQT

- # 1: REINFORCED STRUCTURAL OUTER POOL SHELL, MAIN DRAIN DEPRESSION AND EXTERIOR PIPE SUPPORT SHELF AS DESIGNED BY OTHERS (NOTE: PRIOR TO POOL FLOOR & WALL REINFORCING).
- # 2 POOL WALL & FLOOR REINFORCING, EMBEDDED FLOOR & WALL PIPING, FITTING ROUGH INS, MAIN DRAIN SUMPS, CONCRETE GUTTER FORM/REINFORCING. (PRIOR TO THE CONCRETE / SHOTCRETE INSTALLATION)
- # 3: ALL EXTERIOR POOL PIPING, PIPING TO AND FROM POOL SURGE TANK & POOL EQUIPMENT ROOM, UTILITY STUBS & SANITARY/STORM CONNECTIONS, SURGE TANK AND POOL EQUIPMENT ROOM SUMP DEPRESSIONS AND FILTRATION SYSTEM EQUIPMENT PIPING. PRESSURE TEST TO BE PERFORMED. (NOTE: PRIOR TO PIPE TRENCH BACKFILL)
- # 4: POOL & GUTTER WATERPROOFING (PRIOR TO FINISH COAT APPLICATION AND FILLING OF THE POOL).
- # 5: POOL GUTTER FLOOD AND OVERFLOW TEST (CONSISTENT GUTTER OVERFLOW AT 1/8" THICK WATER FILM MUST BE OBSERVED).
- # 6: FINAL WALK THROUGH / OBSERVATIONS (PRIOR TO WCDOH'S OPERATING PERMIT INSPECTION).

### B. REQUIRED SITE INSPECTIONS BY WESTCHESTER DEPARTMENT OF HEALTH (WCDOH)

- POOL FLOOR, WALL & GUTTER REINFORCING.
- ALL PIPING INCLUDING EMBEDDED PIPING IN POOL WALL & FLOOR, ALL EXTERIOR SUPPLY & DRAINAGE PIPING, PIPING TO AND FROM POOL SURGE TANK, EQUIPMENT ROOM AND ALL FILTRATION SYSTEM PIPING.
- POOL SHELL PRIOR TO FILLING OF POOL.
- FINAL WALK THROUGH PRIOR TO DOH OPERATING PERMIT CERTIFICATION.

### C. WORKMANSHIP STANDARDS:

- THE QUALITY AND APPEARANCE OF THE WORK SHALL BE OF HIGH QUALITY AND BE SUBJECT TO AQT'S JUDGEMENT AS TO COMPLIANCE WITH EXCELLENT WORKMANSHIP STANDARDS.
- WORK DEEMED BY AQT AS SUB-STANDARD OR OF SUB-QUALITY WILL NOT BE RECOMMENDED FOR ACCEPTANCE.

18. THE ARCHITECT'S SEAL AFFIXED TO THESE DRAWINGS IS LIMITED TO HYDRAULICS, DOH COMPLIANCE AND INTERIOR CONCRETE STRUCTURAL ENGINEERING ONLY.

19. ALL ELECTRICAL COMPONENTS, WIRING, ETC. ARE SHOWN HEREON TO INDICATE SUGGESTED LOCATIONS ONLY, AS WELL AS DESIGN-INTENT. PRIOR TO CONSTRUCTION, THE ELECTRICAL DESIGN PORTION OF THIS PROJECT SHALL BE PROVIDED BY OTHERS (NOT AQUATECTONIC).  
NOTE: REQUIRED FIELD OBSERVATIONS ARE TO BE PERFORMED BY AQUATECTONIC (AQT) AND THE GENERAL CONTRACTOR SHALL SUBMIT A FORMAL REQUEST TO AQT WITH AT LEAST 2 WEEK'S NOTICE PRIOR TO EACH VISIT.

## POOL SIGNAGE NOTES

SIGN VERBIAGE INDICATED IS THE MINIMUM REQUIRED BY THE DEPARTMENT OF HEALTH AND MAY BE EXPANDED AT THE DISCRETION OF FACILITY.

- SIGNS MUST BE PERMANENT TYPE WITH GRAPHICS COLOR CONTRASTING TO THE FIELD COLOR.
- IT IS ASSUMED THAT THE SIGNS WILL BE DESIGNED TO MATCH THE SIGN PACKAGE USED THROUGHOUT THE BUILDING OR IT MAY BE DEVELOPED SPECIFICALLY FOR THE POOL.
- SIGNS SHOWN ARE GENERIC IN NATURE. REFER TO INTERIOR OR GRAPHICS DESIGN DRAWINGS FOR LAYOUT AND FONT DETAILS.
- IN ADDITION TO SIGNS SHOWN, PROVIDE SIGNS INDICATING: "MEN'S LOCKER ROOM", "WOMEN'S LOCKER ROOM", "TO POOL", "POOL MECHANICAL ROOM", ETC. AS APPLICABLE.
- SIGNS MUST BE PLACED AT EYE LEVEL AND DESIGNED OF A SUFFICIENT SIZE AND FONT FOR LEGIBILITY.
- A SIGN SHALL BE CONSPICUOUSLY POSTED IN THE POOL AREA STATING:
  - THE MAXIMUM NUMBER OF BATHERS WHO MAY USE THE POOL AT ONE TIME
  - THE HOURS THAT THE SWIMMING POOL IS OPEN; AND
  - THAT THE POOL USE IS PROHIBITED AT ANY OTHER TIME
- SIGNS WITH THE FOLLOWING INFORMATION SHALL BE POSTED CONSPICUOUSLY AT THE SWIMMING POOL OR ENCLOSURE AND IN THE DRESSING ROOMS AND OFFICES OF ALL SWIMMING POOLS
  - POLLUTION OF SWIMMING POOL PROHIBITED. URINATING, DISCHARGE OF FECAL MATTER, EXPECTORATING OR BLOWING THE NOSE IN ANY SWIMMING POOL IS PROHIBITED.

## FACILITY DATA

	LAVATORIES	WATER CLOSETS	URINALS	SHOWERS
UNISEX RESTROOMS - POOL DECK LEVEL	2	4	-	-
UNISEX RESTROOMS - BATHHOUSE LEVEL	2	4	-	-
MEN'S RESTROOMS - BATHHOUSE LEVEL	7	9	6	13
WOMEN'S RESTROOM - BATHHOUSE LEVEL	7	13	-	16

## ELECTRICAL NOTE

THE POOL ELECTRICAL SYSTEM SHALL CONFORM TO ARTICLE 680 OF THE NATIONAL ELECTRICAL CODE.  
- SEE ELECTRICAL DRAWINGS

## SWIMMING POOL RULES

- ALL PERSONS MUST SHOWER BEFORE ENTERING THE POOL.
- A MAXIMUM OF 936 PERSONS PERMITTED WITHIN THE POOL AREA. (POOLS & DECK)
- A MAXIMUM OF 757 PERSONS PERMITTED IN THE MAIN POOL AT ANY ONE TIME.
- NO REFRESHMENTS ARE ALLOWED ON THE POOL DECK.
- SHALLOW WATER. NO DIVING ALLOWED.
- PROLONGED AND REPETITIVE BREATH-HOLDING CAN BE DEADLY. NO INTENTIONAL HYPERVENTILATION OR COMPETITIVE BREATH-HOLDING IS PERMITTED.
- POLLUTION OF SWIMMING POOL PROHIBITED. URINATING, DISCHARGE OF FECAL MATTER, EXPECTORATING OR BLOWING THE NOSE IN THE SWIMMING POOL IS PROHIBITED. CHILDREN'S DIAPERS SHALL BE FULLY ENCLOSED WITH IMPERVIOUS MATERIAL SO THAT LIQUID AND SOLID WASTE ARE CONTAINED THEREIN AND DO NOT CONTAMINATE THE POOL WATER.
- NO PERSON HAVING ANY CONTAGIOUS DISEASE OR INFECTIOUS CONDITION SUCH AS SORES OR INFLAMED EYES, A COLD, NASAL OR EAR DISCHARGE, CUTS, BOILS, OR OTHER EVIDENT SKIN OR OTHER BODILY INFECTION SHALL ENTER THE POOL.
- NO PERSON UNDER THE INFLUENCE OF ALCOHOL OR EXHIBITING ERRATIC BEHAVIOR SHALL ENTER THE POOL OR THE POOL DECK.
- NO ONE IS PERMITTED IN THE POOL WHEN A LIFEGUARD IS NOT AT THE POOL SIDE.
- PETS ARE NOT PERMITTED IN THE POOL AREA.
- EMERGENCY TELEPHONE NUMBER FOR POLICE, FIRE AND HOSPITAL IS 911.
- SWIMMING IS PROHIBITED WHEN LIGHTNING IS PRESENT INCLUDING A 30-MINUTE PERIOD AFTER THUNDER OR LIGHTNING WERE LAST OBSERVED.

NOTE: THE FOLLOWING SHALL BE POSTED CONSPICUOUSLY AT THE SWIMMING POOL OR ENCLOSURE AND IN THE DRESSING ROOMS AND OFFICES OF THE SWIMMING POOL.

## FACILITY NOTES

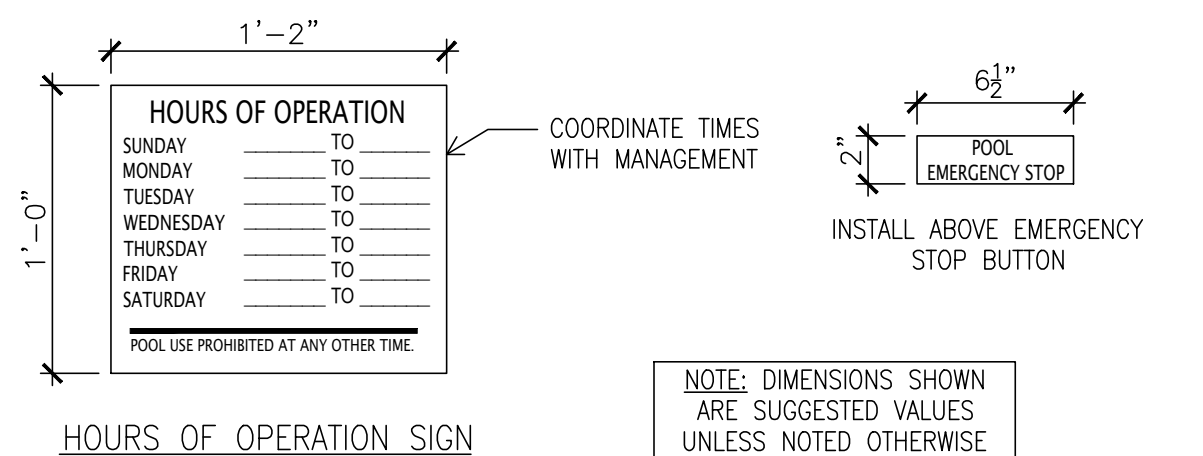
- SHOWERS SHALL BE SUPPLIED WITH WATER AT A TEMPERATURE OF AT LEAST 90° F AND NO MORE THEN 110° F AT A RATE OF AT LEAST 1.5 GPM PER SHOWER HEAD. THERMOSTATIC, TEMPERING OR MIXING VALVES SHALL BE KEPT IN GOOD OPERATION TO PREVENT SCALDING OF THE USERS.
- FINISH SCHEDULE:**  
LOCKER ROOMS, TOILETS, SHOWER AREA WALLS AND TOILET/SHOWER PARTITION WALLS TO TO HAVE SMOOTH, IMPERVIOUS FINISH AS FOLLOWS:

AREA	FLOOR	WALLS
SHOWERS	TILE	TILE
TOILETS	TILE	TILE
LOCKER ROOMS	EPOXY	PAINTED CONCRETE
- LIQUID SOAP DISPENSERS SHALL BE PROVIDED AT EACH LAVATORY AND IN ALL SHOWERS. GLASS DISPENSERS ARE NOT PERMITTED.
- DRESSING ROOMS, MECHANICAL EQUIPMENT ROOMS, STORAGE AREAS, SHOWER ROOMS, AND LAVATORIES SHALL BE VENTILATED PURSUANT TO APPLICABLE CODES OR ANY SUCCESSOR LAW OR REGULATION.
- BASE AT FLOOR-WALL JUNCTURE IN SHOWER & TOILET ROOMS SHALL BE COVERED.
- FLOORS SHALL BE SLOPED 1/4" PER FOOT TO DECK DRAINS IN POOL AREA, SHOWER AND TOILET AREAS. FLOORS SHALL BE SLIP-RESISTANT WITH A DCOF OF 0.42 MINIMUM IN ACCORDANCE WITH ANSI A137.1-2017.
- CARPETING SHALL NOT BE PERMITTED IN TOILET AREAS.
- HOSE BIBS WITH VACUUM BREAKER SHALL BE PROVIDED IN EACH BATHHOUSE AND IN POOL AREA LOCATED TO PERMIT THE ENTIRE AREA TO BE FLUSHED WITH A 50 FT. HOSE.
- PAPER TOWELS OR ELECTRIC HAND DRYERS AND A COVERED WASTE RECEPTACLE SHALL BE PROVIDED IN EACH TOILET ROOM.
- A TELEPHONE SHALL BE PROVIDED WITHIN THE POOL ENCLOSURE FOR EMERGENCY COMMUNICATIONS IN THE BATHING ESTABLISHMENT. THE TELEPHONE NUMBERS OF LOCAL POLICE, EMERGENCY MEDICAL SERVICES, NEAREST HOSPITAL, FIRE DEPARTMENT, AND POISON CONTROL CENTER SHALL BE POSTED IN A CONSPICUOUS PLACE NEAR THE TELEPHONE. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE ESTABLISHMENT SHALL BE LISTED BY THE TELEPHONE.

## MAINTENANCE & SAFETY EQUIPMENT SCHEDULE

QTY.	DESCRIPTION (FURNISHED BY POOL CONTRACTOR)
1	PORTABLE VACUUM: TO BE POLARIS NO. 9550 SPORT WITH 7 DAY PROGRAMMABLE TIMER, 70'-0" CABLE LENGTH AND FOUR WHEEL DRIVE TECHNOLOGY.
2	FLOOR BRUSH: W/16'-0" LONG 2 PC. TELESCOPIC POLE
2	LEAF SKIMMER: W/16'-0" LONG 2 PC. TELESCOPIC POLE
4	RESCUE TUBES: W/ 6'-0" OF 3/8" DIA. LINE & MOUNTING HARDWARE
4	SHEPHERD'S CROOK: MIN. 15'-0" LONG POLE & MOUNTING HARDWARE
1	FIRST AID KIT: AMERICAN NATIONAL RED CROSS, STANDARD 24 UNIT KIT W/ ADULT & CHILD SIZED CPR FACE MASK & 2 PR. LATEX GLOVES
15	POOL ALARM: POOLGUARD MODEL #PGRM-SB, BATTERY POWERED. ASTM F-2208 COMPLIANT W/ REMOTE RECEIVER & HORN.
1	SPINEBOARD: 78"x20" MARINE PLYWOOD BOARD W/ RUNNERS, FURN. COMPLETE W/ NYLON STRAPS, HEAD IMMOBILIZER & VELCRO STRIPS. C.J. AQUATICS PRO-WOOD 1000 COMPLETE RESCUE KIT
2	WOOL BLANKET
1	TEST KIT: TAYLOR TECHNOLOGIES PROFESSIONAL POOL TEST KIT MODEL K-2005 OR EQUAL WITH 0.5 TO 5 P.P.M. CHLORINE RANGE IN THE FOLLOWING INCREMENTS: 0.2, 0.4, 0.6, 0.8, 1.0, 1.5, 2.0, 3.0, PH RANGE FROM 7.0 TO 8.0, TOTAL BROMINE 1.0 TO 2.0 PPM, CALCIUM HARDNESS, AND TOTAL ALKALINITY

NOTE: POOL CONTRACTOR SHALL FURNISH GOGGLES, APRONS AND RUBBER GLOVES FOR HANDLING CHEMICALS. (2 SETS OF EACH ITEM)



HOURS OF OPERATION SIGN

NOTE: DIMENSIONS SHOWN ARE SUGGESTED VALUES UNLESS NOTED OTHERWISE

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NAME \_\_\_\_\_  
SIGNATURE \_\_\_\_\_  
TITLE \_\_\_\_\_ DATE \_\_\_\_\_

## PROJECT COORDINATOR

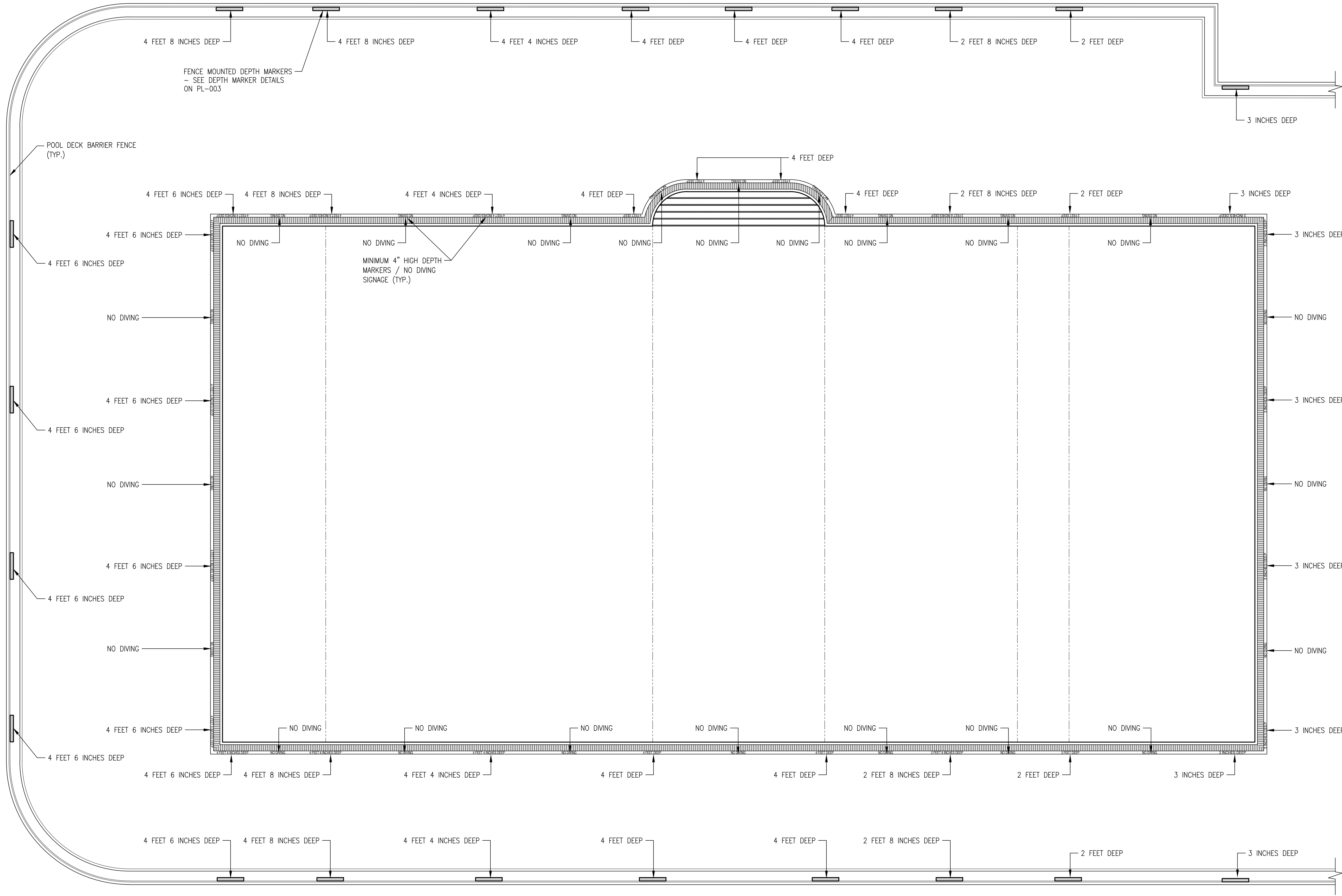
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TITLE \_\_\_\_\_ DATE \_\_\_\_\_

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING

REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
BATHHOUSE LEVEL FACILITY PLAN, SIGNAGE  
REQUIREMENTS AND GENERAL NOTES

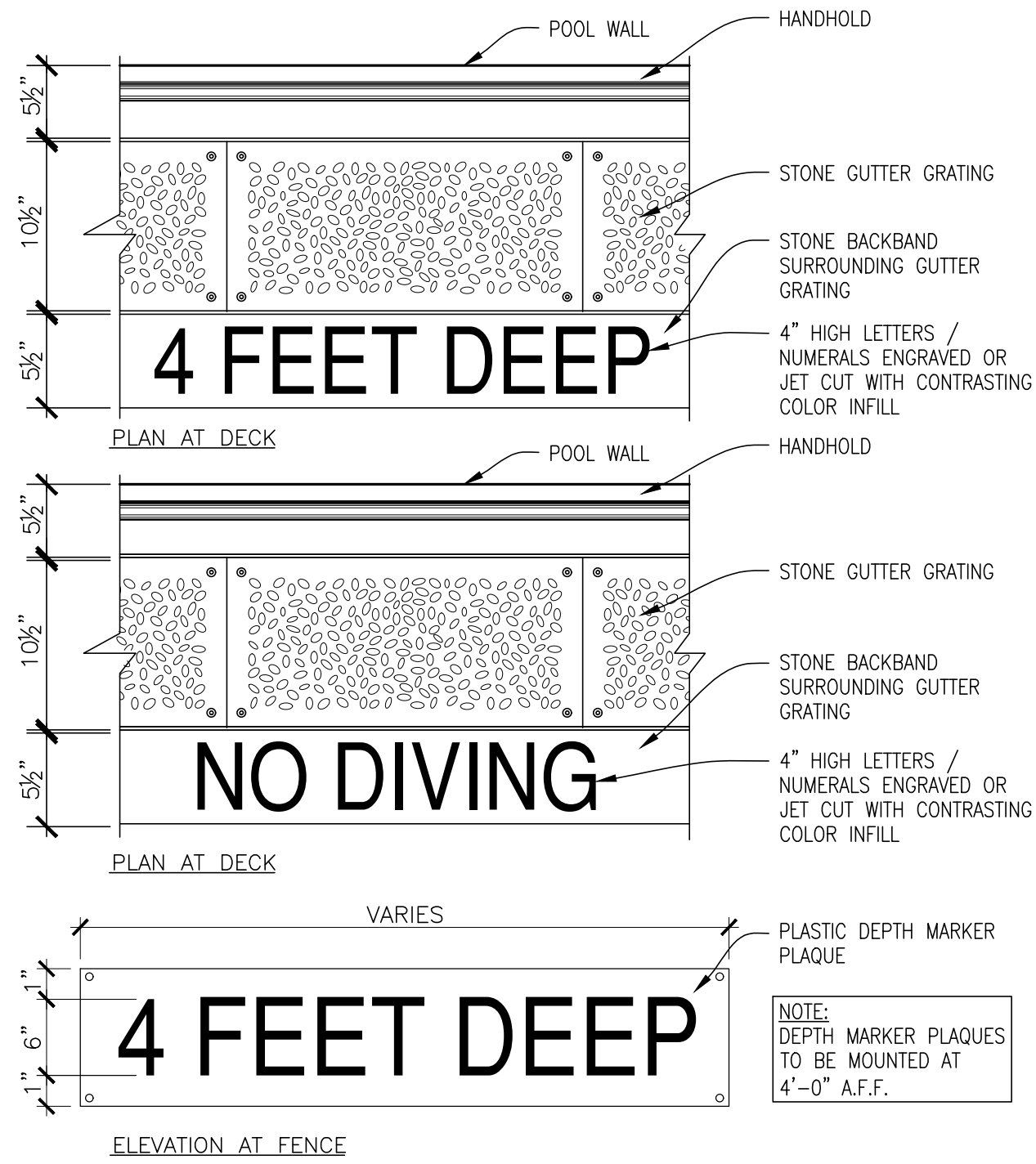
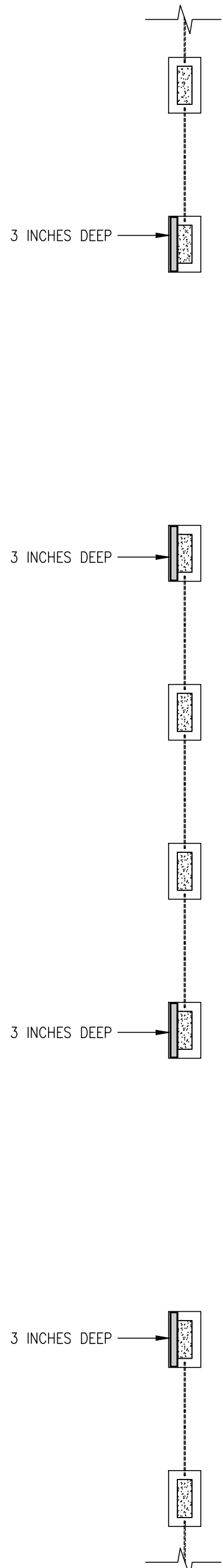
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SHEET NO. <b>182</b> OF <b>201</b>	SCALE: <b>AS NOTED</b> DATE: <b>NOVEMBER 10, 2020</b>
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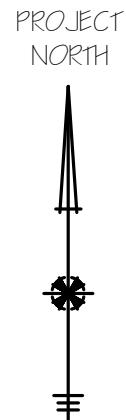


1 POOL DEPTH MARKER PLAN  
SCALE 1/8" = 1'-0"

DEPTH MARKER SCHEDULE		
MARKER TEXT	QUANTITY	
	POOL DECK	FENCE BEYOND
NO DIVING	22 PLACES	—
3 INCHES DEEP	6 PLACES	6 PLACES
2 FEET DEEP	2 PLACES	2 PLACES
2 FEET 8 INCHES DEEP	2 PLACES	2 PLACES
4 FEET DEEP	6 PLACES	5 PLACES
4 FEET 4 INCHES DEEP	2 PLACES	2 PLACES
4 FEET 6 INCHES DEEP	6 PLACES	6 PLACES
4 FEET 8 INCHES DEEP	2 PLACES	2 PLACES



2 DEPTH MARKER DETAILS  
SCALE N.T.S



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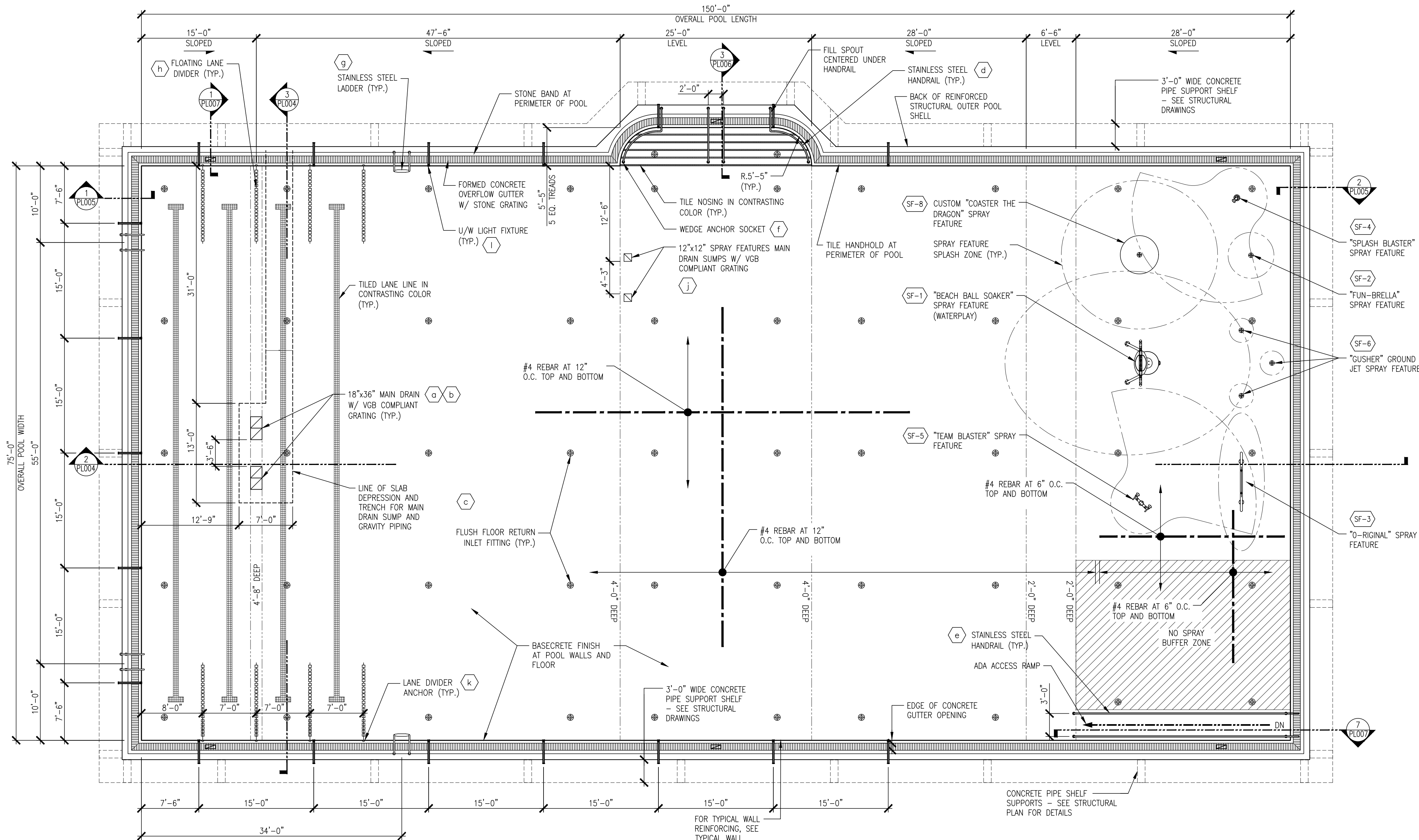
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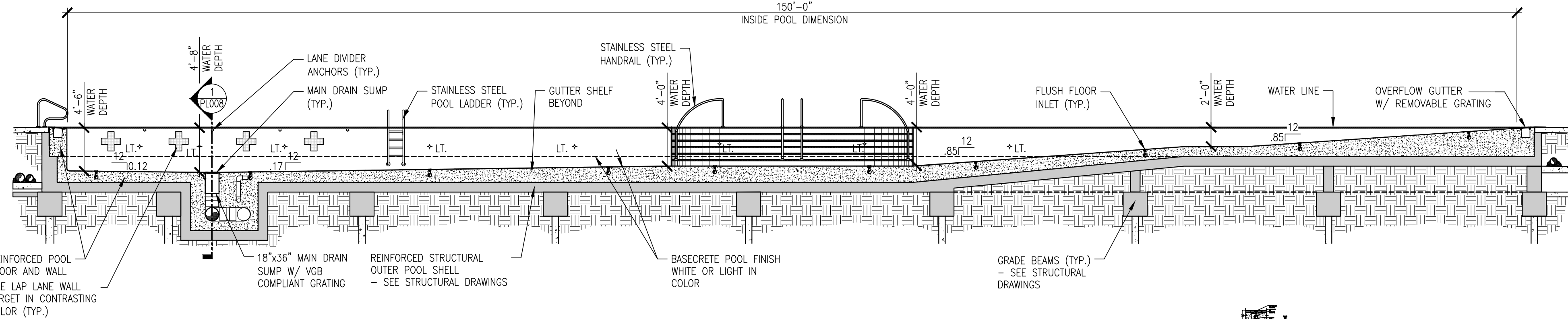
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CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>PL-003</b>
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK		SHEET NO. <b>183</b> OF <b>201</b>	SCALE: <b>AS NOTED</b>
DEPTH MARKER PLAN		DATE: <b>NOVEMBER 10, 2020</b>	REV. NO.
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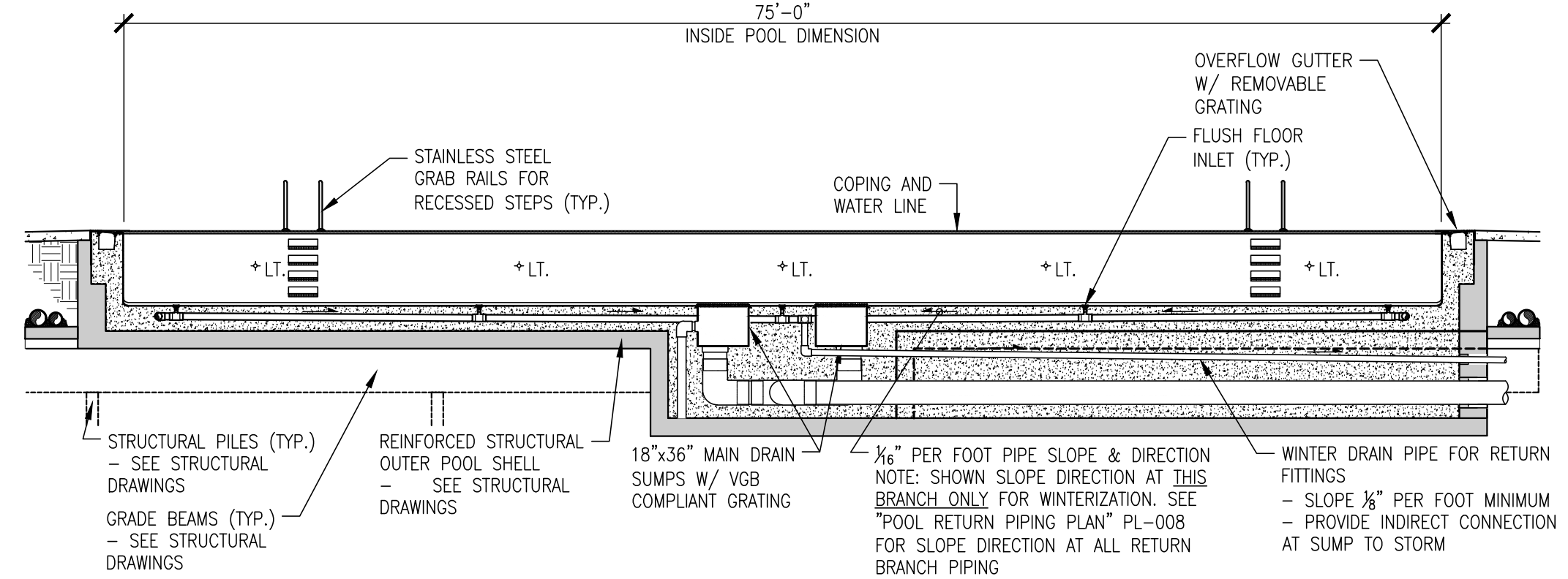




1 POOL CONSTRUCTION PLAN  
SCALE 1/8" = 1'-0"



2 LONGITUDINAL SECTION THRU POOL  
SCALE 1/8" = 1'-0"



3 TRANSVERSE SECTION THRU POOL @ MAIN DRAINS  
SCALE 1/8" = 1'-0"

#### MISCELLANEOUS FITTING & EQUIPMENT SCHEDULE - POOL

SYM.	QTY.	ITEM	DESCRIPTION/CATALOG NO.	REMARKS
a	2	18"x36" MAIN DRAIN SUMP	LAWSON AQUATICS CUSTOM FIBERGLASS SUMP WITH VGB COMPLIANT GRATING	WITH 16" Ø BOTTOM OUTLET AND (1) 6" Ø SIDE OUTLET FOR HYDROSTATIC RELIEF VALVE. TROY VALVE HYDROSTATIC RELIEF VALVE MODEL NO. A2580/06C316SS
b	2	MAIN DRAIN FRAME & GRATING - POOL SUMPS	LAWSON AQUATICS MODEL #: MLD-FG-1836-WT	VGB COMPLIANT (343.4 IN² OPEN AREA)
c	52	ADJUSTABLE FLOOR INLET FITTING	HAYWARD FLOOR INLET MODEL #: SP-1425S OR EQUAL	1-1/2" SKT X 2" MIP, COLOR: WHITE
d	4	STAINLESS STEEL HANDRAIL - POOL STAIR	SPECTRUM CUSTOM BEND	1.9" O.D. x .109" WALL TYPE 316L STAINLESS STEEL W/ STAINLESS STEEL ESCUTCHEONS
e	2	STAINLESS STEEL HANDRAIL - ADA RAMP	SPECTRUM CUSTOM BEND	1.9" O.D. x .109" WALL TYPE 316L STAINLESS STEEL W/ STAINLESS STEEL ESCUTCHEONS
f	20	WEDGE ANCHOR SOCKET	SPECTRUM OR EQ. MODEL #: 24010 OR EQUAL	CAST BRONZE W/ BRONZE WEDGE & INTEGRAL BONDING
g	2	POOL LADDER	SPECTRUM OR EQ. MODEL #: 36401 OR EQUAL	1.9" O.D. x .109" WALL STAINLESS STEEL W/ CYCLOC TREADS AND STAINLESS STEEL ESCUTCHEONS
h	4	FLOATING LANE DIVIDER	COMPETITOR 4" MODEL NO. 200-330000 (75' LONG)	WITH TENSIONER ASSEMBLY. COLORS TO BE SELECTED FROM STANDARD COLOR LINE
i	4	LIFEGUARD CHAIR	SPECTRUM PRODUCTS MODEL #: 42022 OR EQUAL	36" HIGH SEAT WITH STAINLESS STEEL MOUNTING ANCHOR
j	2	12" x 12" MAIN DRAIN - SPRAY FEATURES	FIBERGLASS SUMP WITH LAWSON AQUATICS MODEL MLD-FG-1212 VGB COMPLIANT GRATING	WITH 4" Ø SIDE OUTLET AND VGB COMPLIANT GRATING (81.3 IN² OPEN AREA)
k	8	LANE DIVIDER ANCHOR	SPECTRUM PRODUCTS MODEL #: 58316	RECESSED STAINLESS STEEL IN POOL WALLS
l	19	UNDERWATER LED LIGHT	JANDY 24W PRO SERIES MODEL NO. JLUW24WXXX, 5000K	24 WATT LED UNDERWATER LIGHT; CORD LENGTH TO BE DETERMINED IN FIELD. FURNISH WITH 12 VOLT TRANSFORMERS, INTERMATIC OR EQUAL
m	8	RECESSED STEPS	SPECTRUM AQUATICS RECESSED STEP INSERT MODEL #23450	5" x 15 1/2" CYCLOC STEP

#### SPRAY FEATURE SCHEDULE

SYM.	QTY.	ITEM	DESCRIPTION/CATALOG NO.	REMARKS	FLOW
SF-1	1	SPRAY FEATURE	WATERPLAY "BEACH BALL SOAKER" BUCKET DUMP	STAINLESS STEEL ASSEMBLY	30 GPM
SF-2	1	SPRAY FEATURE	WATERPLAY "FUN-BRELLA" LAMINAR FLOW WATER FEATURE	STAINLESS STEEL ASSEMBLY	18 GPM
SF-3	1	SPRAY FEATURE	WATERPLAY "O-RIGINAL" RING WATER FEATURE	STAINLESS STEEL ASSEMBLY W/ CUSTOM PAINTED PARK ARTWORK (FACTORY APPLIED)	5 GPM
SF-4	1	SPRAY FEATURE	WATERPLAY "SPASH BLASTER" INTERACTIVE SPRAY JET FEATURE	STAINLESS STEEL ASSEMBLY	4 GPM
SF-5	1	SPRAY FEATURE	WATERPLAY "TEAM BLASTER" INTERACTIVE SPRAY JET FEATURE	STAINLESS STEEL ASSEMBLY	8 GPM
SF-6	3	GROUND JET SPRAY FEATURE	WATERPLAY "GUSHER" VERTICAL GROUND JET SPRAY	6" Ø NOZZLE CANISTER ASSEMBLY	20 GPM (EA.)
SF-7	7	SPRAY FEATURE MOUNTING BRACKET	WATERPLAY "PLAYPHASE" MOUNTING BRACKET/BASE FOR SPRAY FEATURES	-	-
SF-8	1	SPRAY FEATURES - CUSTOM FEATURE	CUSTOM "COASTER THE DRAGON" PLAYLAND PARK SPRAY FEATURE	CUSTOM FIBERGLASS FEATURE W/ MANUFACTURER'S RECOMMENDED MOUNTING BRACKET & INSTRUCTIONS. NOTE: FOR PRICING CONTACT RYAN AT FAST FIBERGLASS LLC (608) 269-7110.	±25 GPM

#### POOL FINISH SCHEDULE

	MATERIAL	DESCRIPTION
POOL WALLS/FLOOR	BASECRETE	TO BE A NON-SLIP TEXTURED SURFACE, COLOR: WHITE
LANE LINES/TARGETS	TILE	TO BE DALITILE KEYSTONE SERIES (COLOR TO BE CONTRASTING TO POOL WALL/FLOOR)
STAIR NOSING	TILE	TO BE DALITILE KEYSTONE SERIES (COLOR TO BE CONTRASTING TO POOL WALL/FLOOR); SLIP-RESISTANT
GUTTER GRATING	REINFORCED STONE GRATING	TO BE JONTIE 1" THICK REINFORCED STONE GRATING W/ PRE-DRILLED & COUNTER-SUNK HOLES FOR M6 STAINLESS STEEL BOLT. GRATING PATTERN TO BE "BABY PEBBLE" DESIGN. ARCHITECT TO SELECT COLOR FROM MANUFACTURER STANDARD OFFERING. NOTE: FOR PRICING AND INFORMATION CONTACT TOM BRAGO, HEAD OF NATIONAL SALES, AT (484) 224 2972.
HANDHOLD	TILE	TO BE CASAGRANDE PADANA AMAZZONIA SERIES HANDHOLD MODEL NO. 3846 (COLOR TBD) NOTE: AT ZERO DEPTH ENTRY SIDE ONLY. SUBSTITUTE HANDHOLD WITH A FLAT CASAGRANDE TILE WITH A TEXTURED NON-SLIP SURFACE FINISH (COLOR TBD) SEE OVERFLOW GUTTER DETAILS ON PL-006.
GUTTER BACKBAND SURROUND	STONE	TO BE 5/8" WIDE x 1" THICK STONE, FLAME FINISHED GRANITE BORDER W/ INLAID DEPTH MARKINGS AND TEXT PER PL-003. (STONE TBD)

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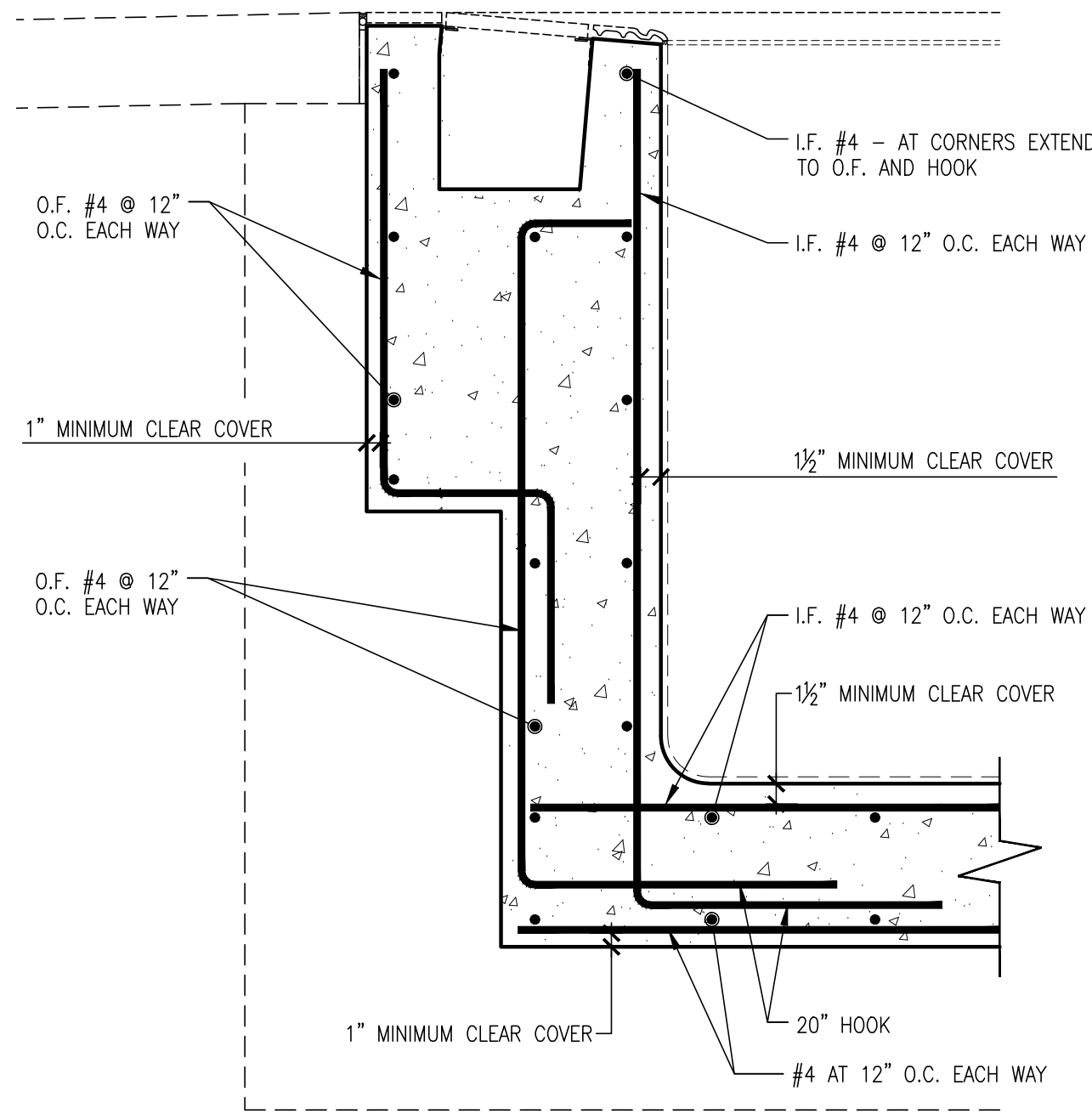
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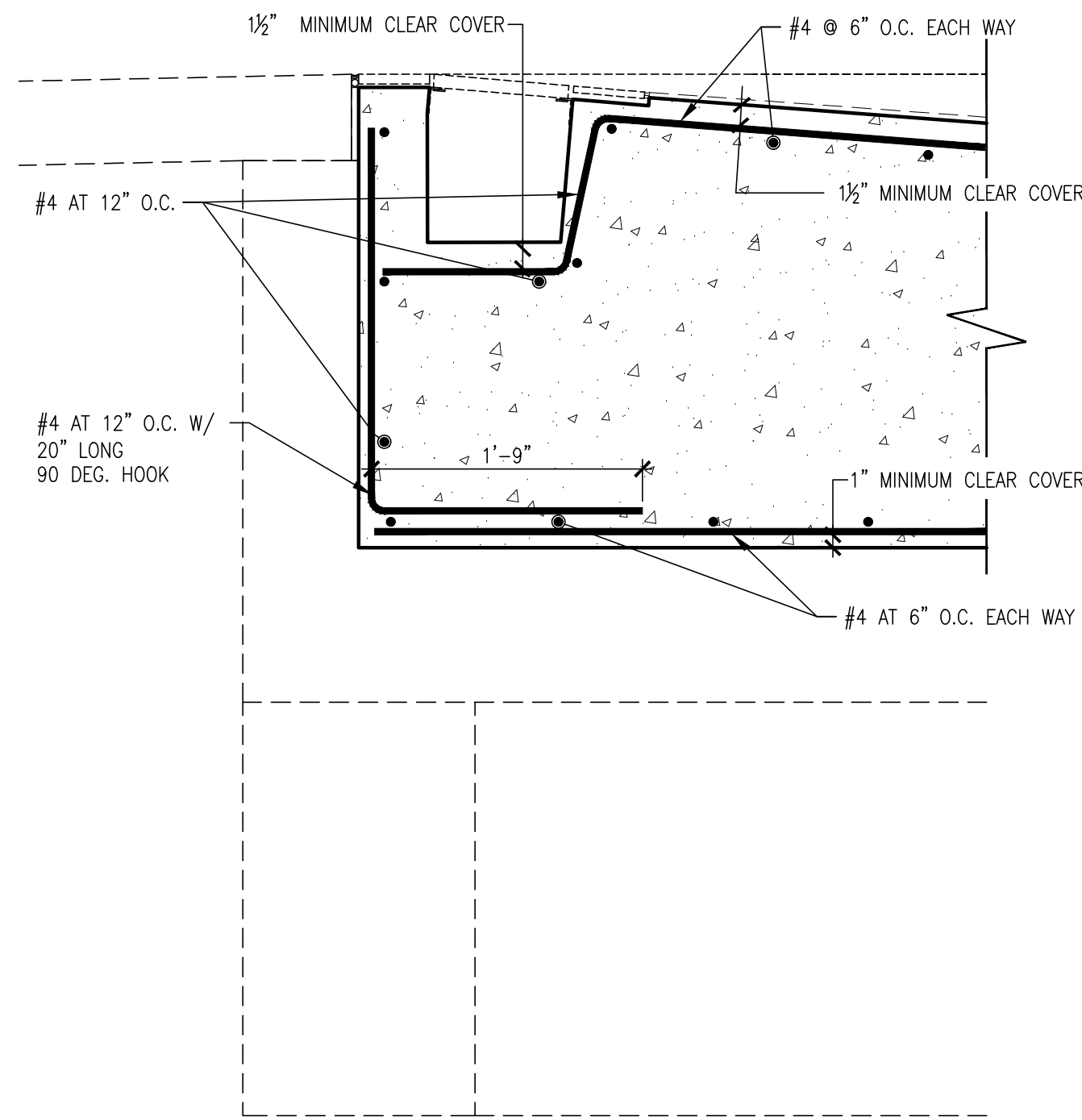
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DIVISION OF ENGINEERING  
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
CONSTRUCTION PLAN, SECTIONS AND SCHEDULES

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>PL-004</b>
SHEET NO. 184 OF 201	
SCALE: AS NOTED DATE: NOVEMBER 10, 2020	
DPW FILE NO. <b>1-19-S-541</b>	REV. NO. <b>0</b>

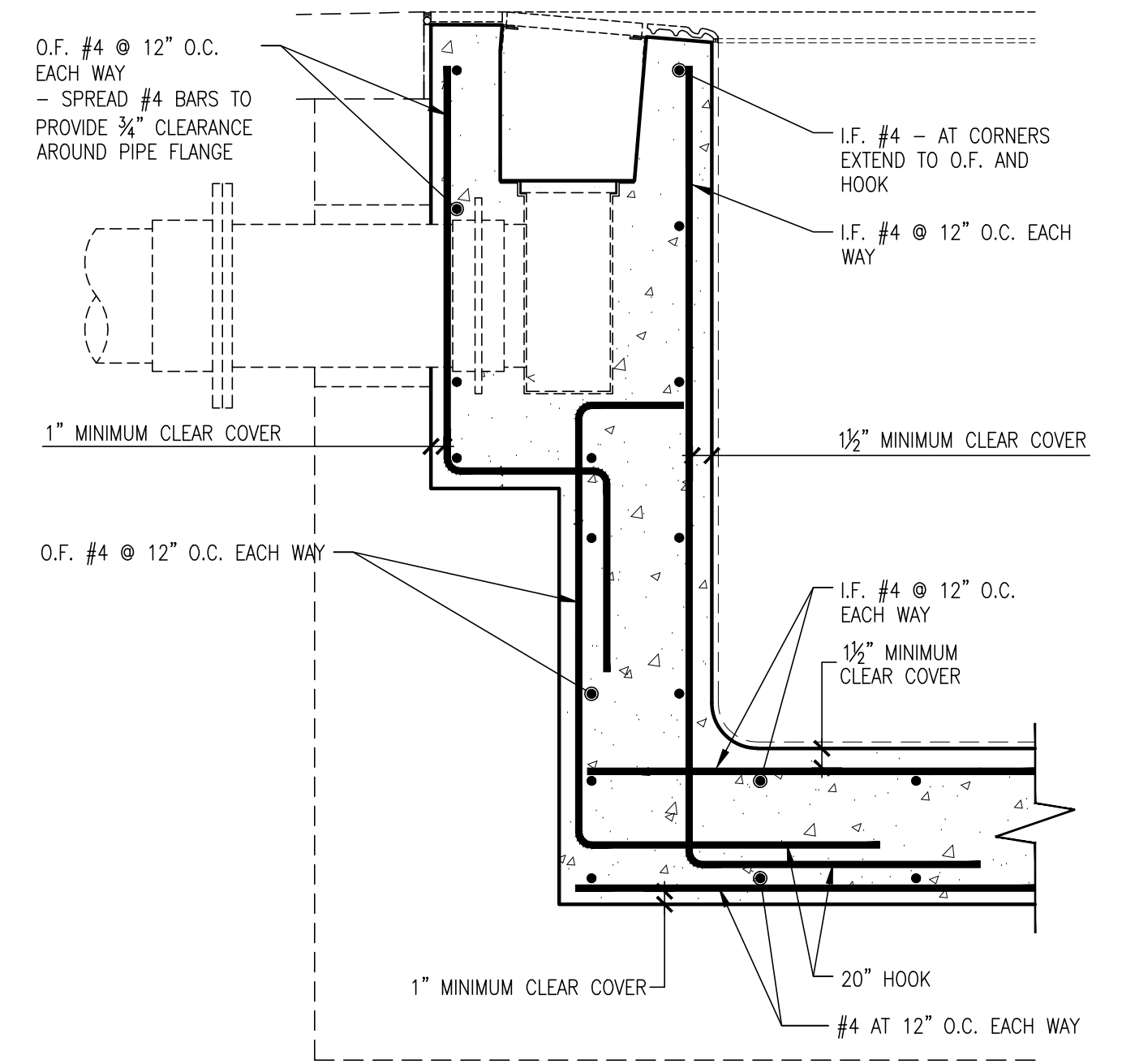




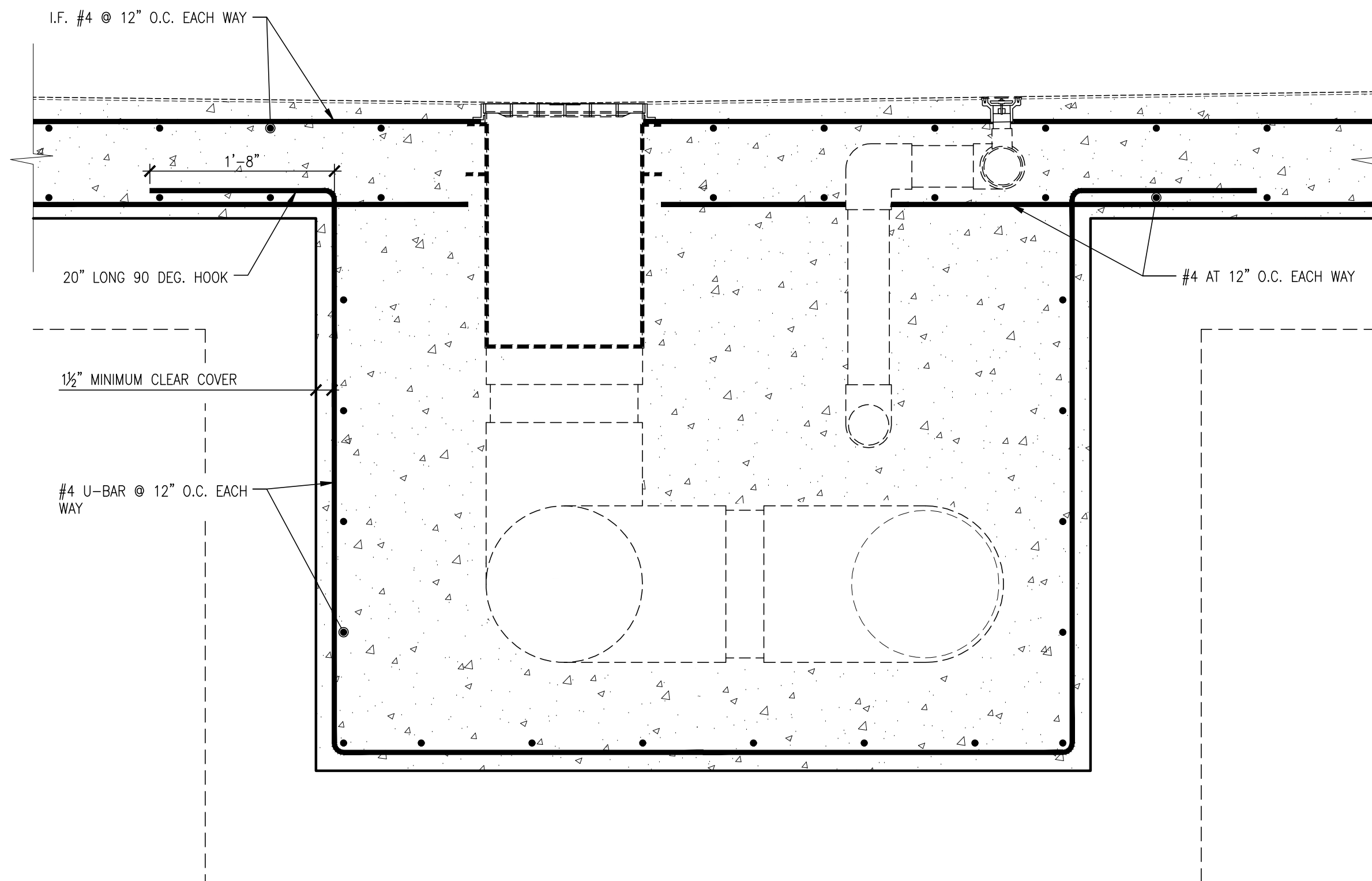
**1** TYPICAL WALL REINFORCING DETAIL  
SCALE 1" = 1'-0"



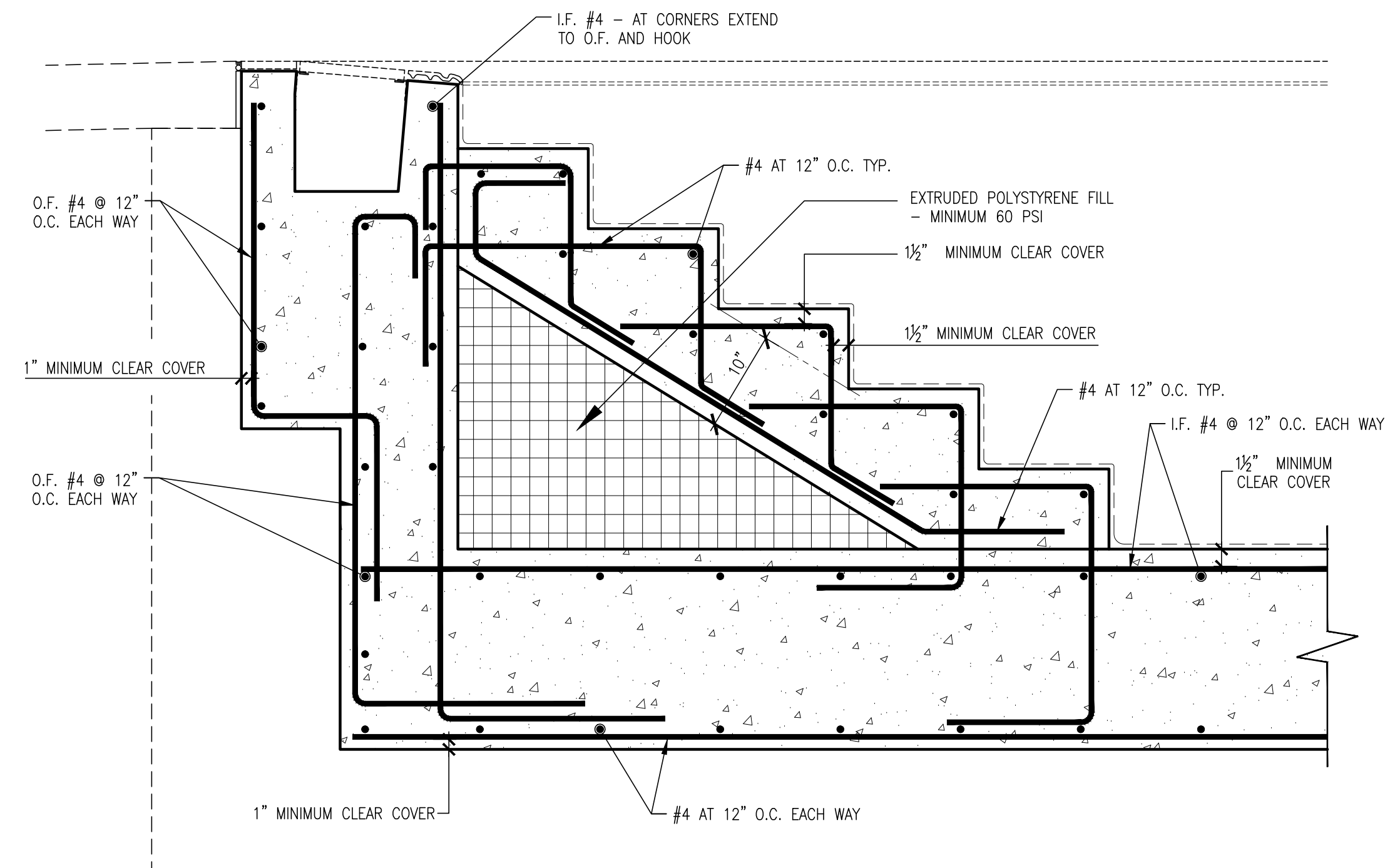
**2** TYPICAL WALL @ ZERO DEPTH REINFORCING DETAIL  
SCALE 1" = 1'-0"



**3** TYPICAL WALL REINFORCING @ OVERFLOW GUTTER CONVERTER DETAIL  
SCALE 1" = 1'-0"



**5** MAIN DRAIN REINFORCING DETAIL  
SCALE 1" = 1'-0"



**4** STAIR REINFORCING DETAIL  
SCALE 1" = 1'-0"

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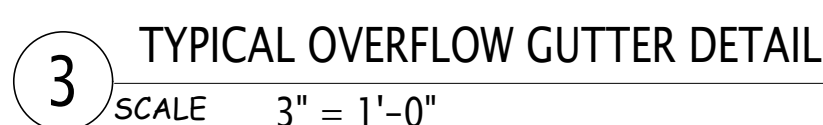
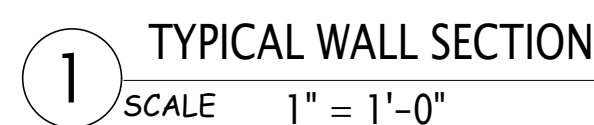
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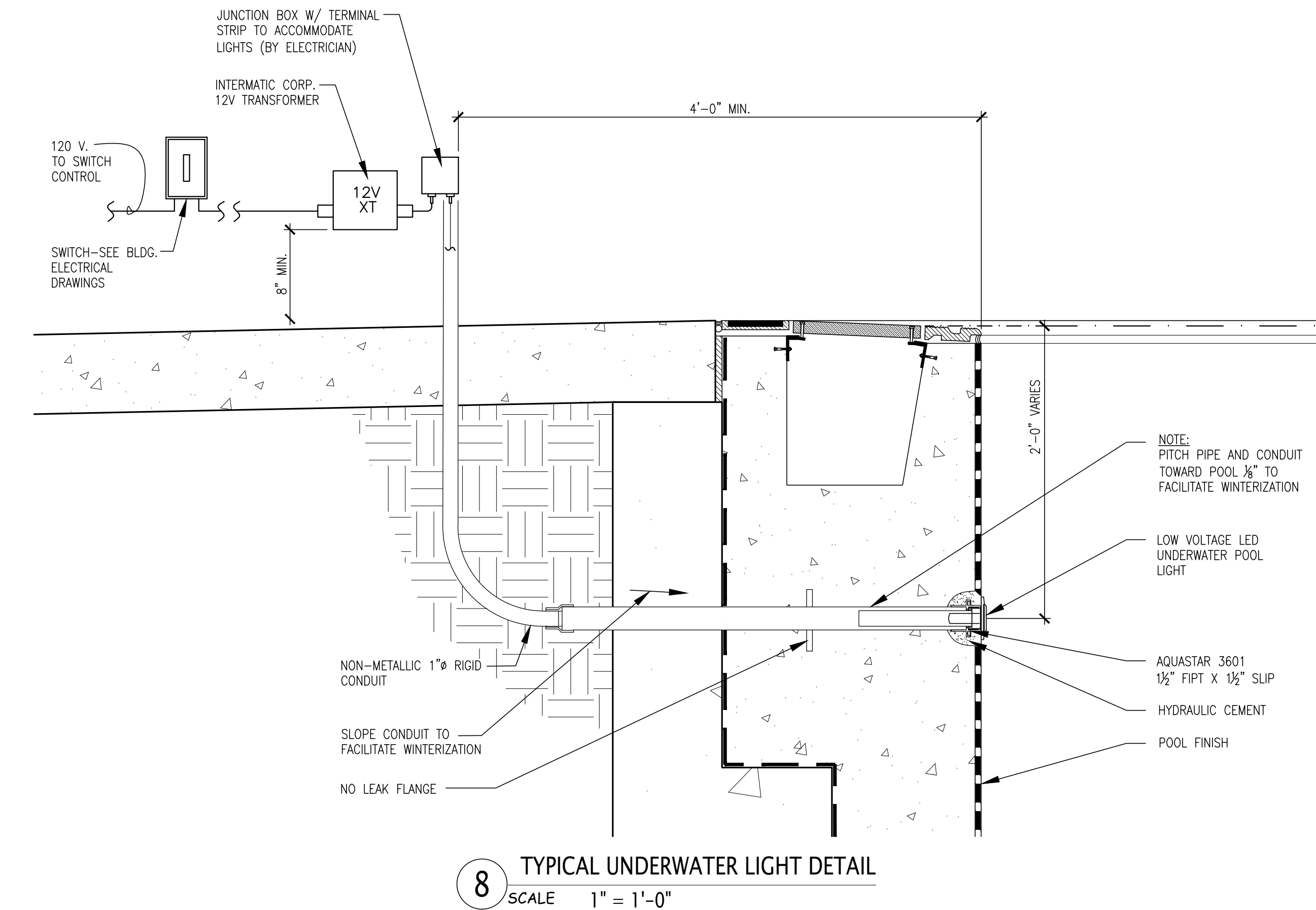
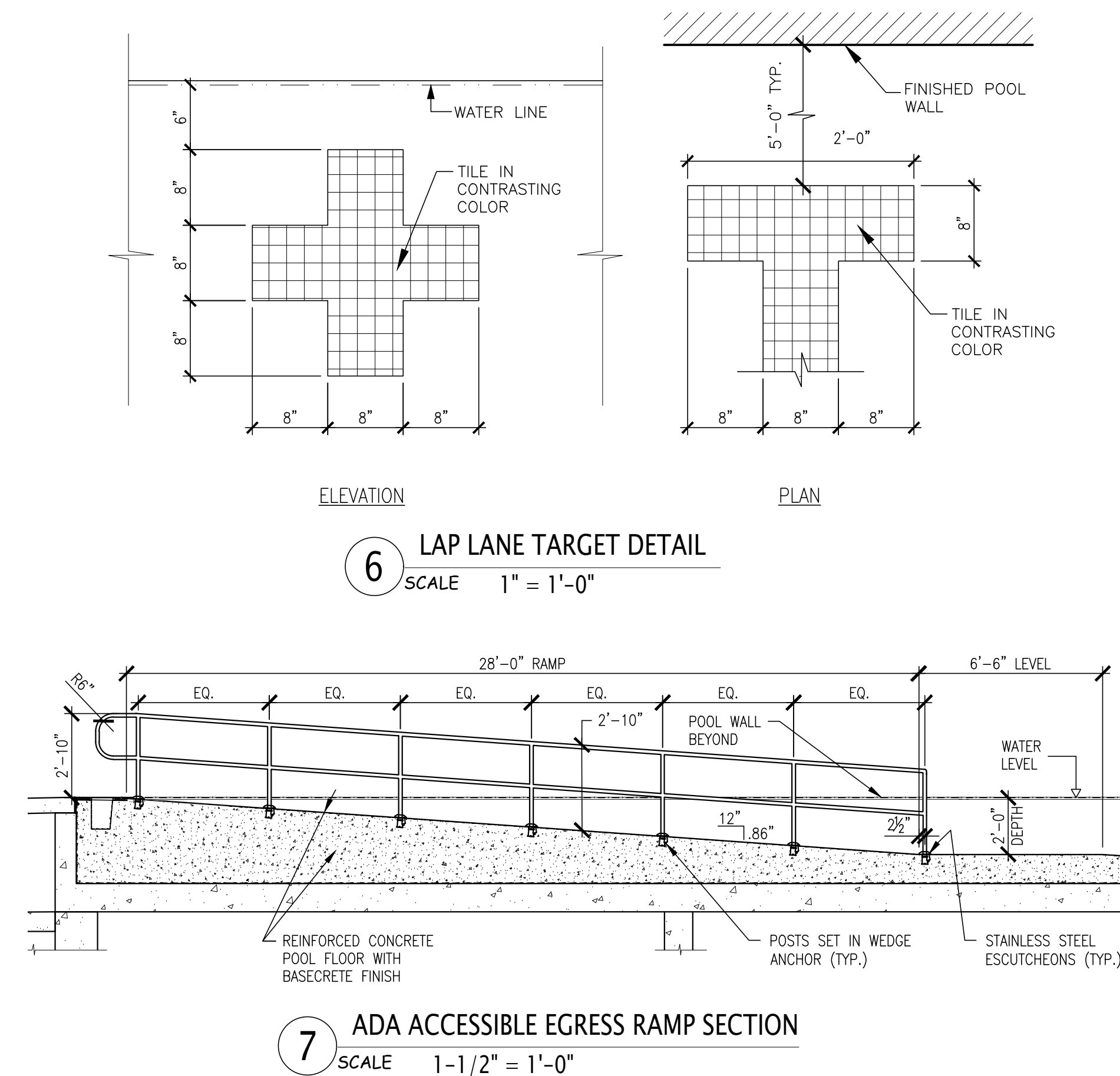
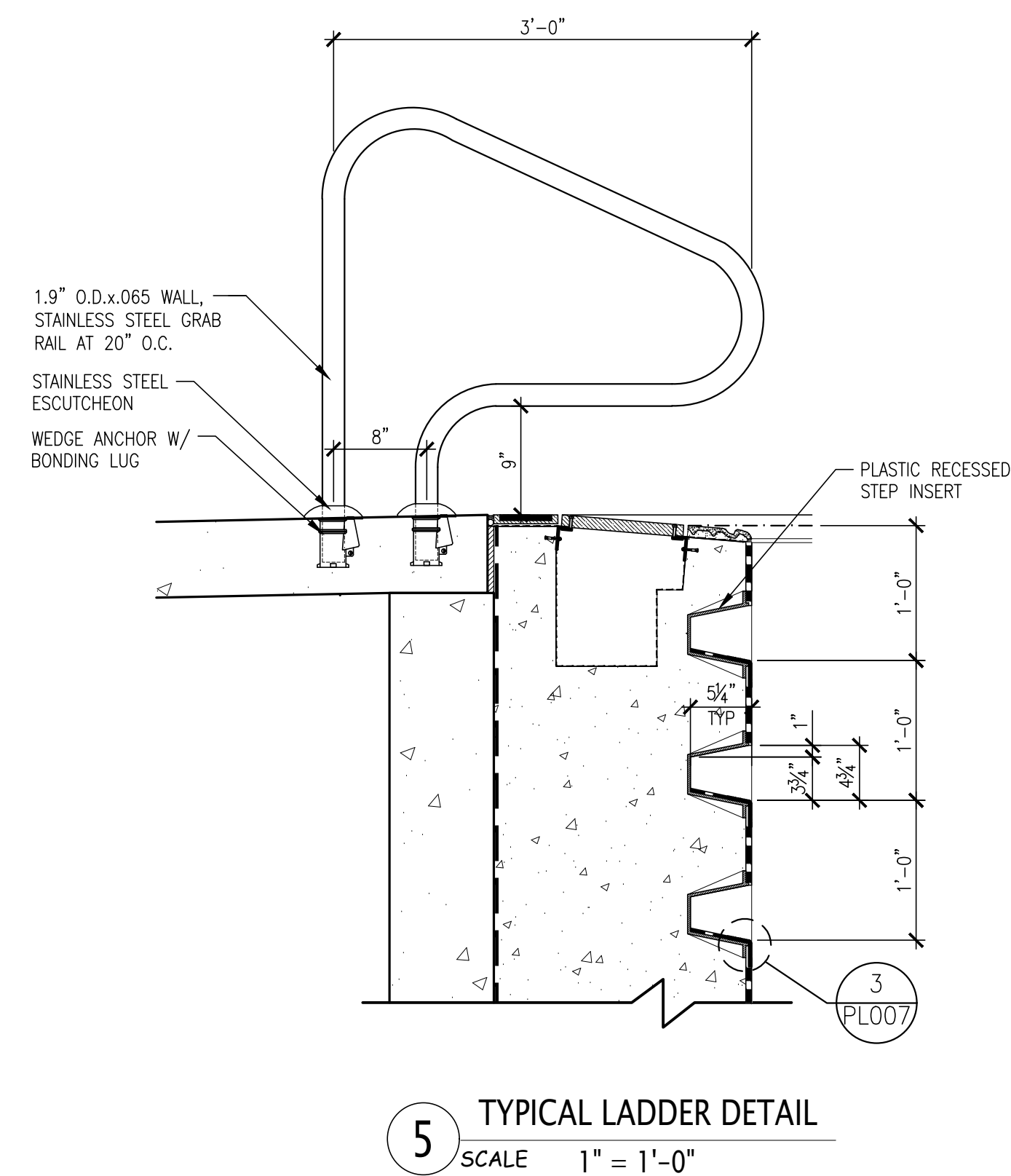
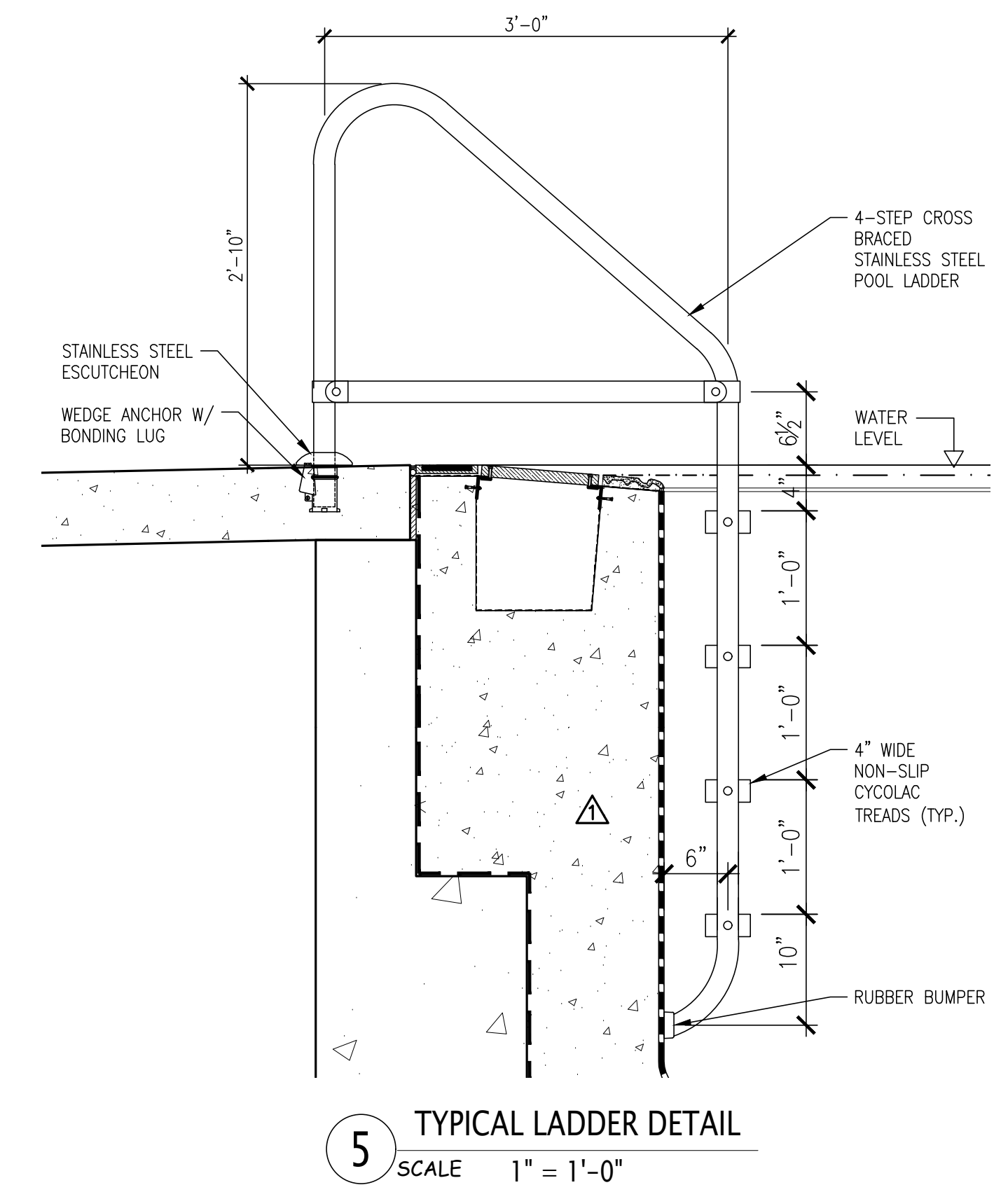
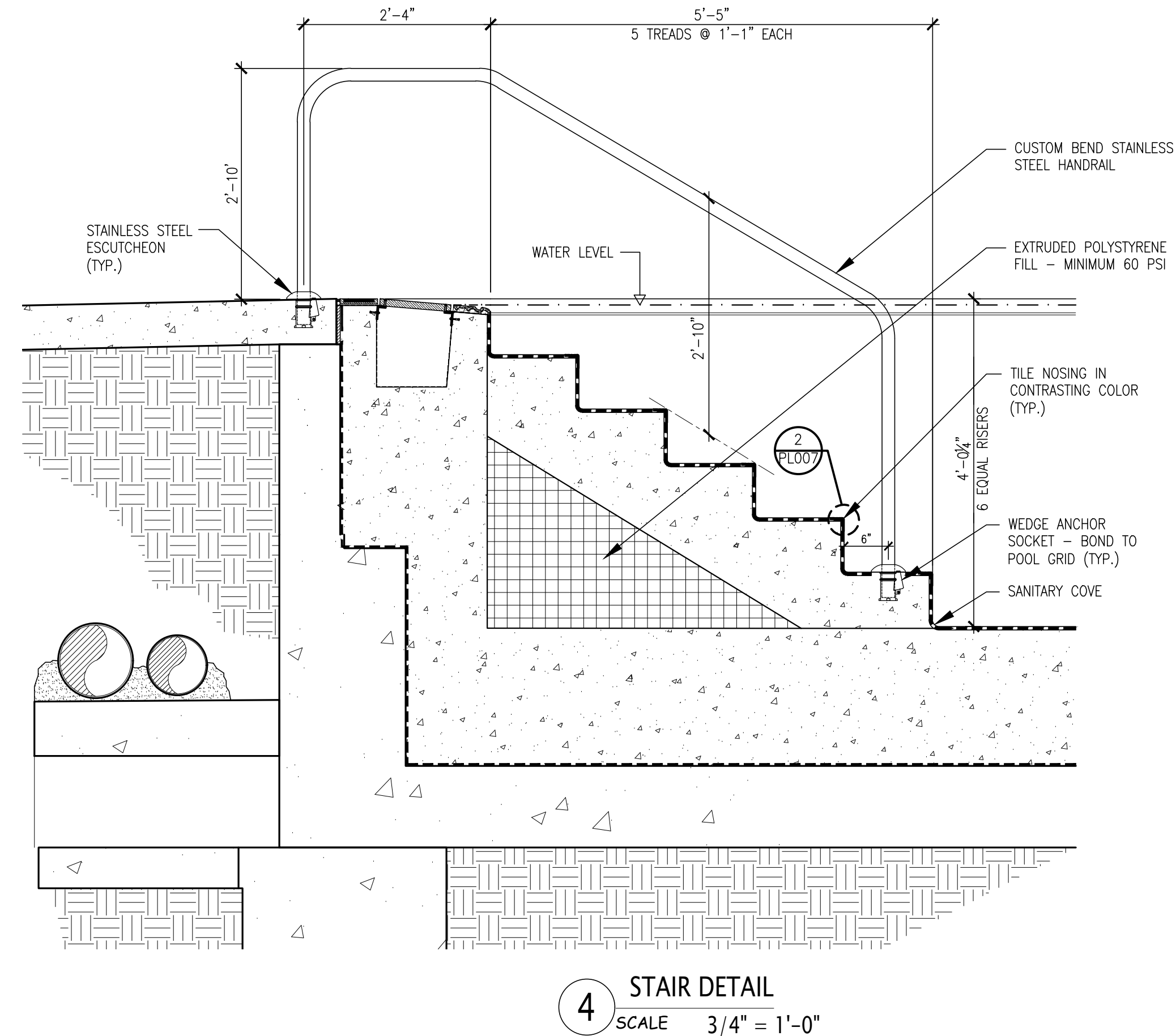
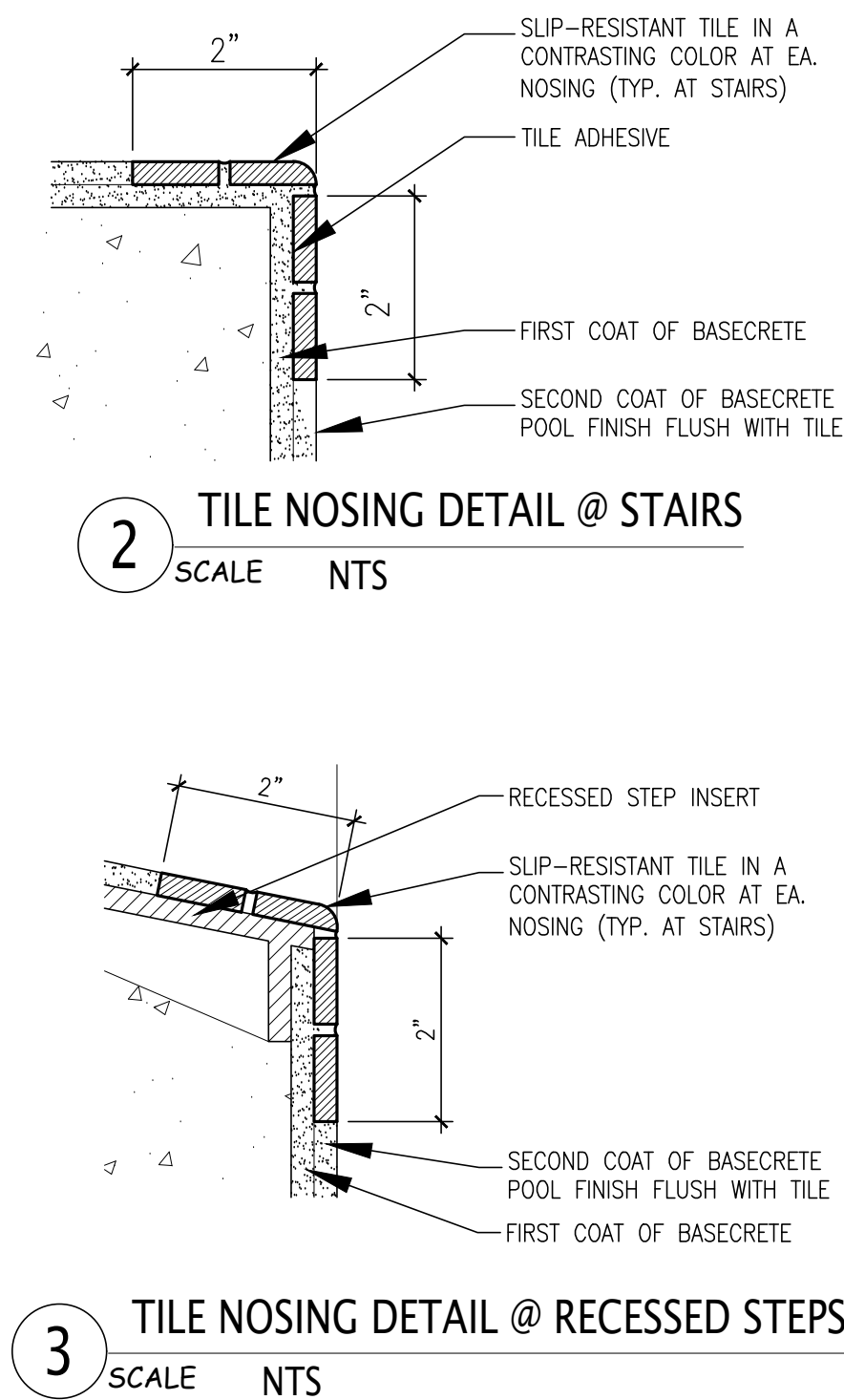
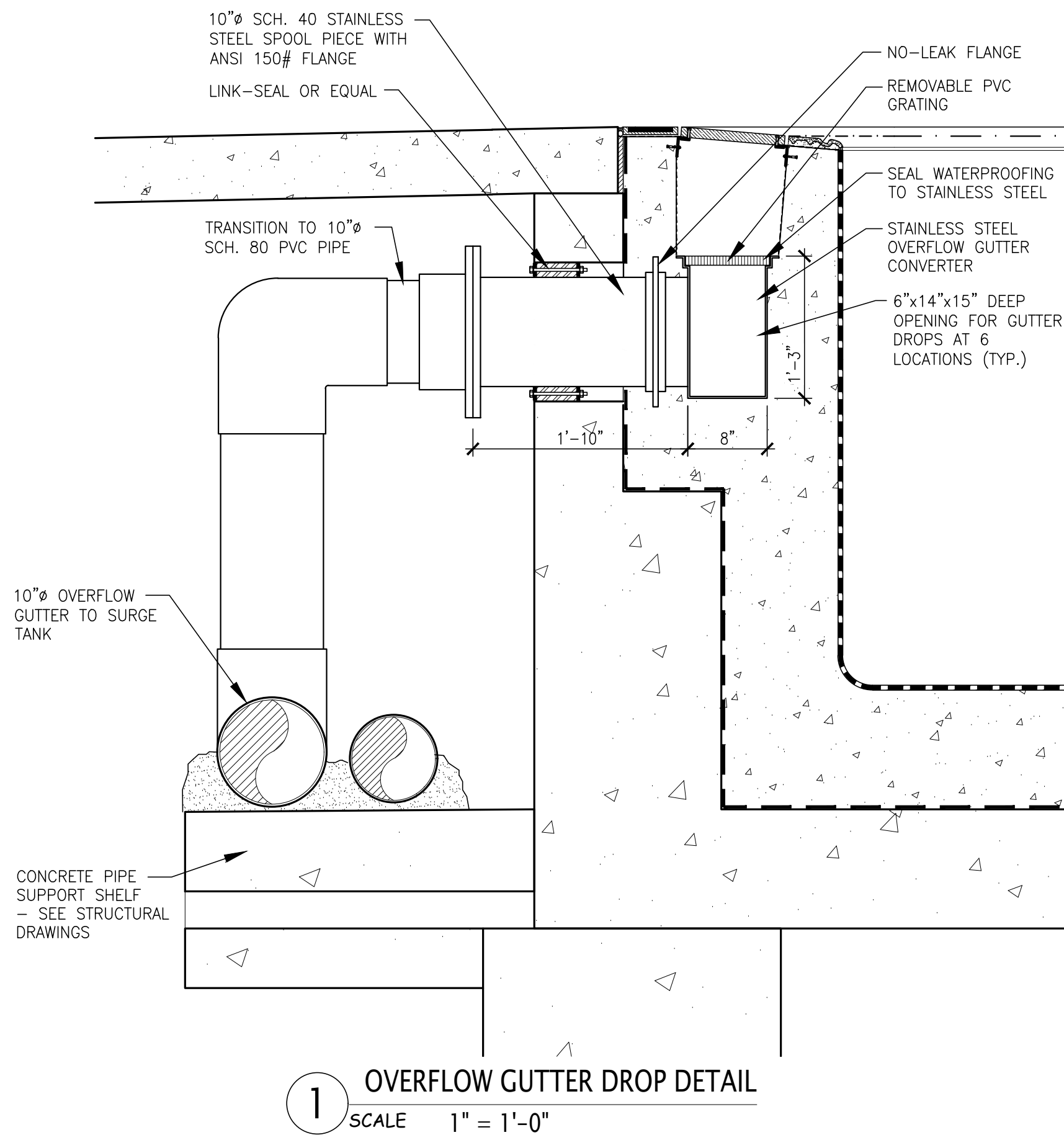
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DIVISION OF ENGINEERING  
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
POOL REINFORCING DETAILS

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>PL-005</b>
SHEET NO. <b>185</b> OF <b>201</b>	
SCALE: <b>AS NOTED</b>	
DATE: <b>NOVEMBER 10, 2020</b>	
DPW FILE NO. <b>1-19-S-542</b>	REV. NO. <b>0</b>









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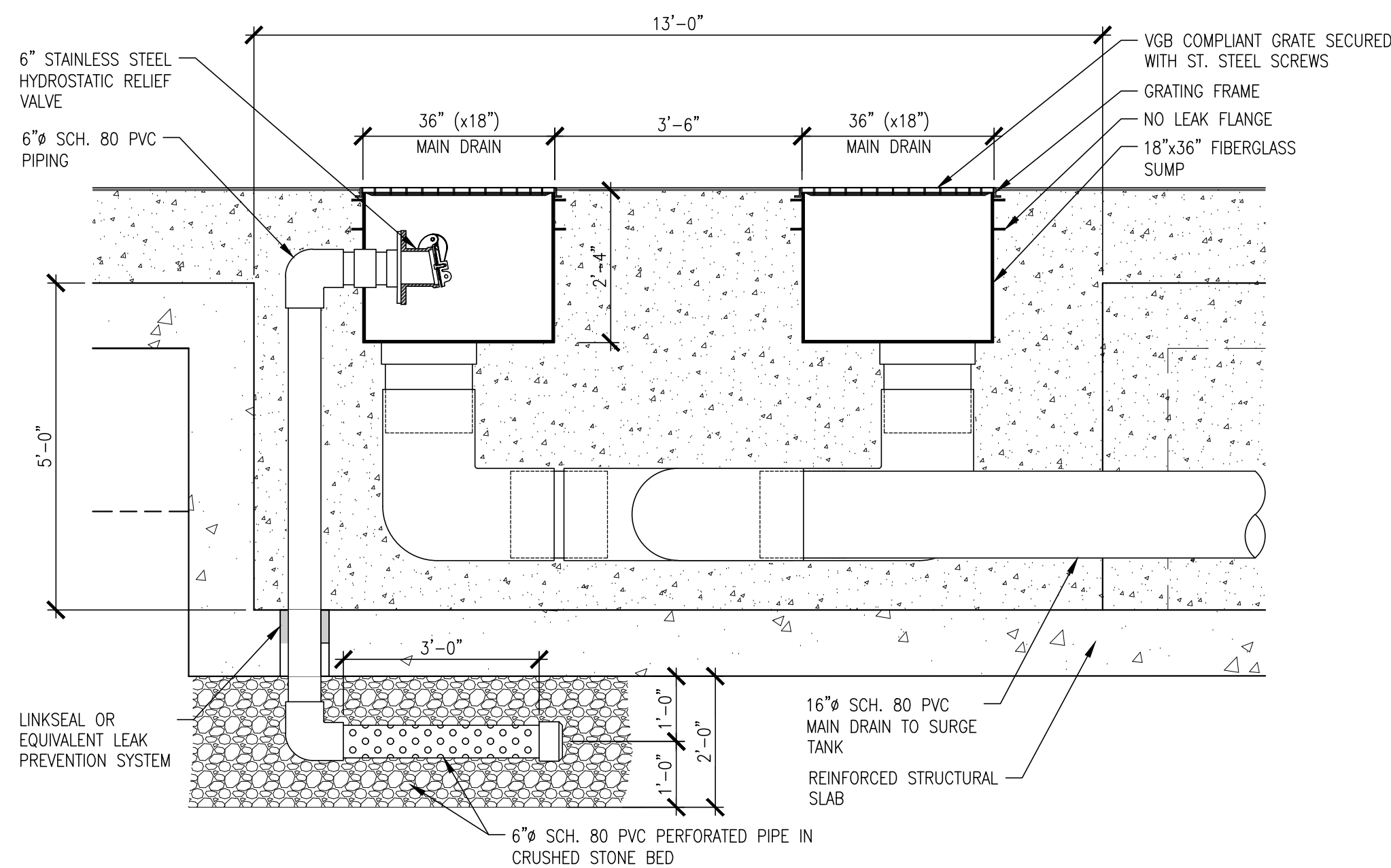
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DATE		DATE	

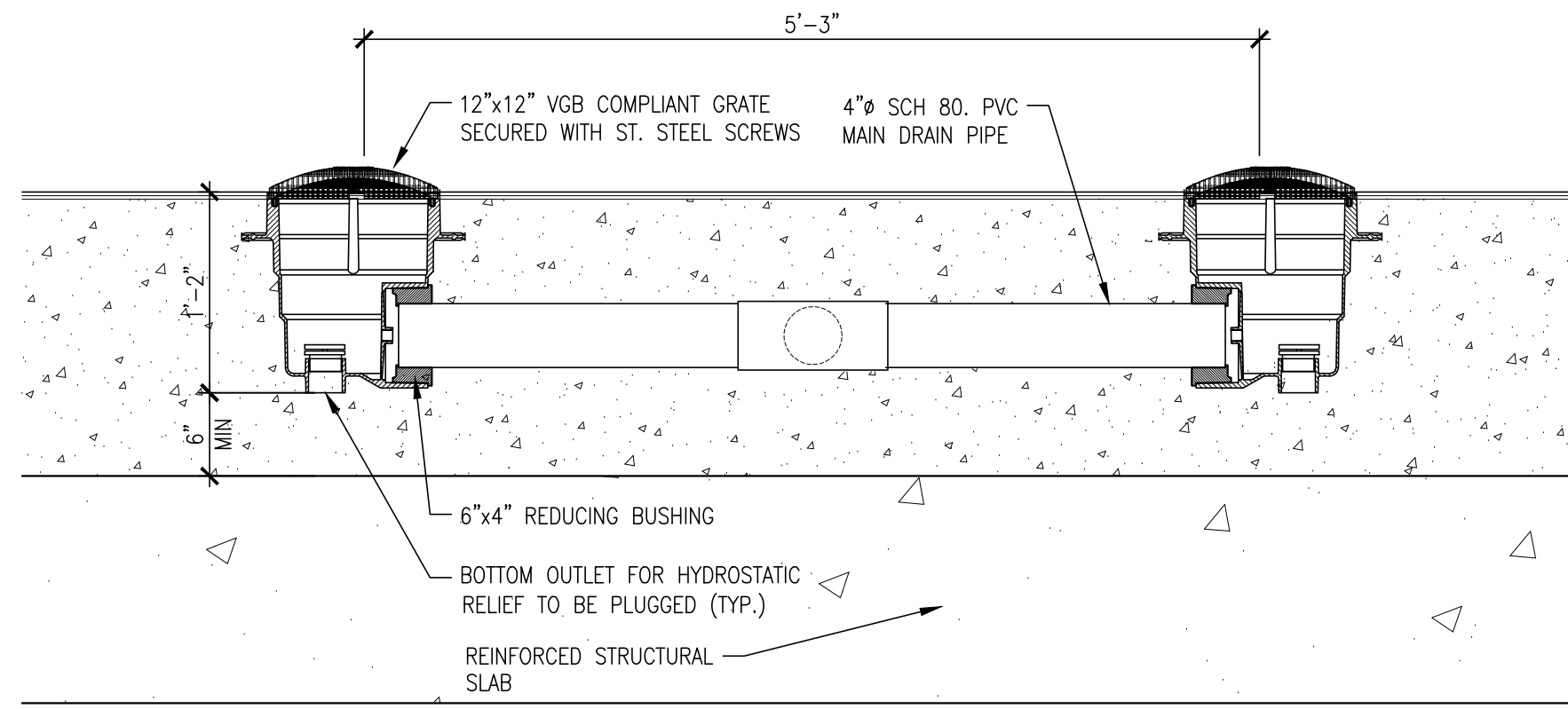
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DIVISION OF ENGINEERING  
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
SECTIONS AND DETAILS

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>PL-007</b>
SHEET NO. 187 OF 201	
SCALE: AS NOTED	
DATE: NOVEMBER 10, 2020	
DPW FILE NO. <b>1-19-S-544</b>	REV. NO. <b>0</b>

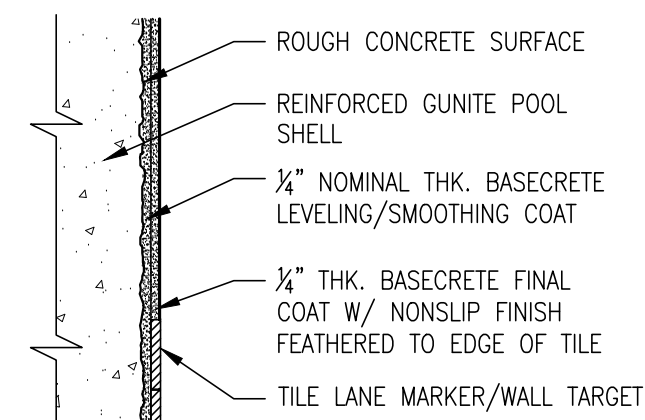




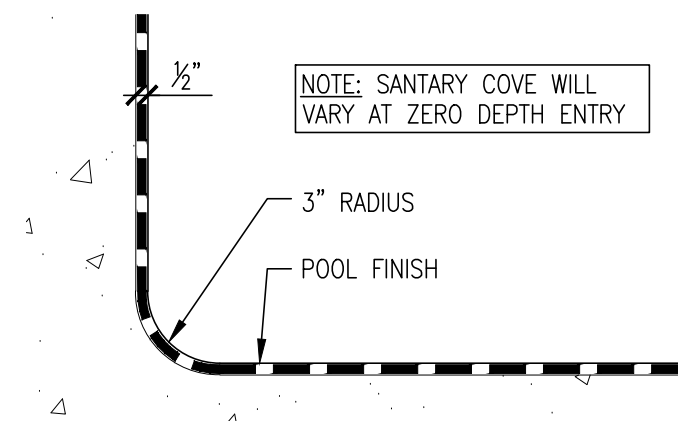
1 MAIN DRAIN DETAIL (POOL TO SURGE TANK)  
SCALE 1/2" = 1'-0"



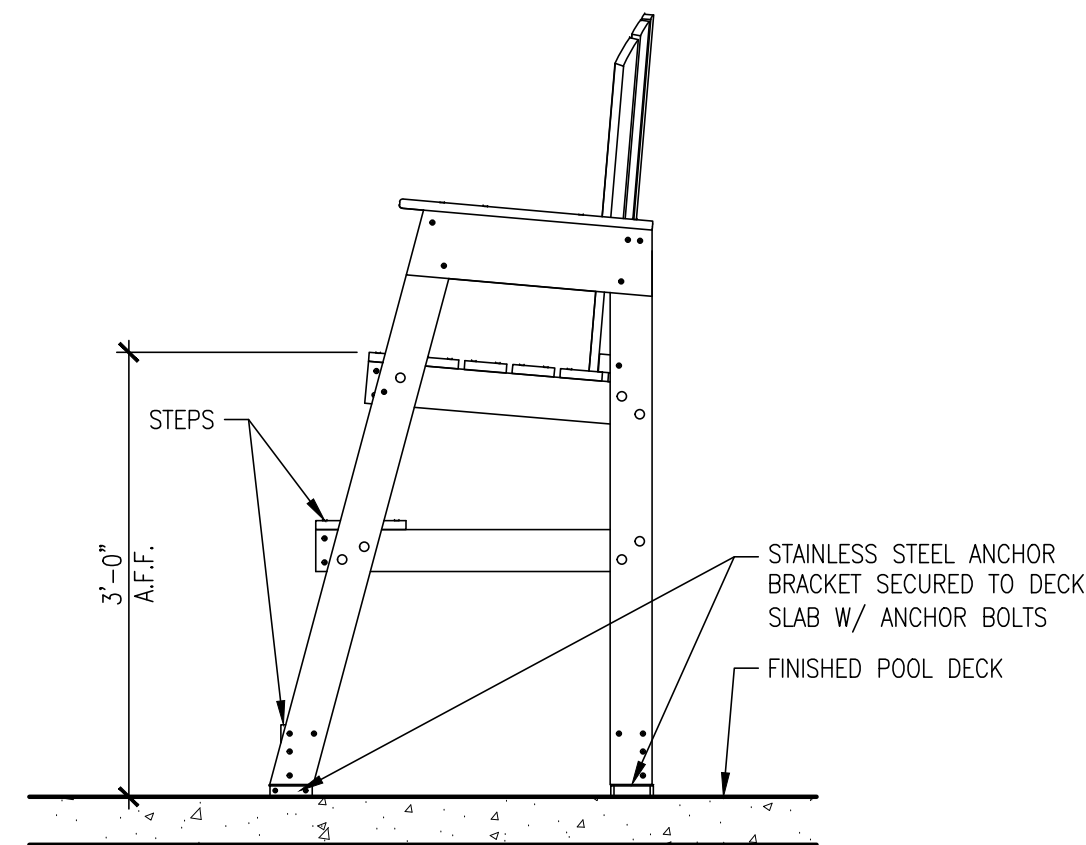
2 MAIN DRAIN DETAIL (SPRAY FEATURES)  
SCALE 1" = 1'-0"



3 POOL FINISH DETAIL  
SCALE N.T.S.

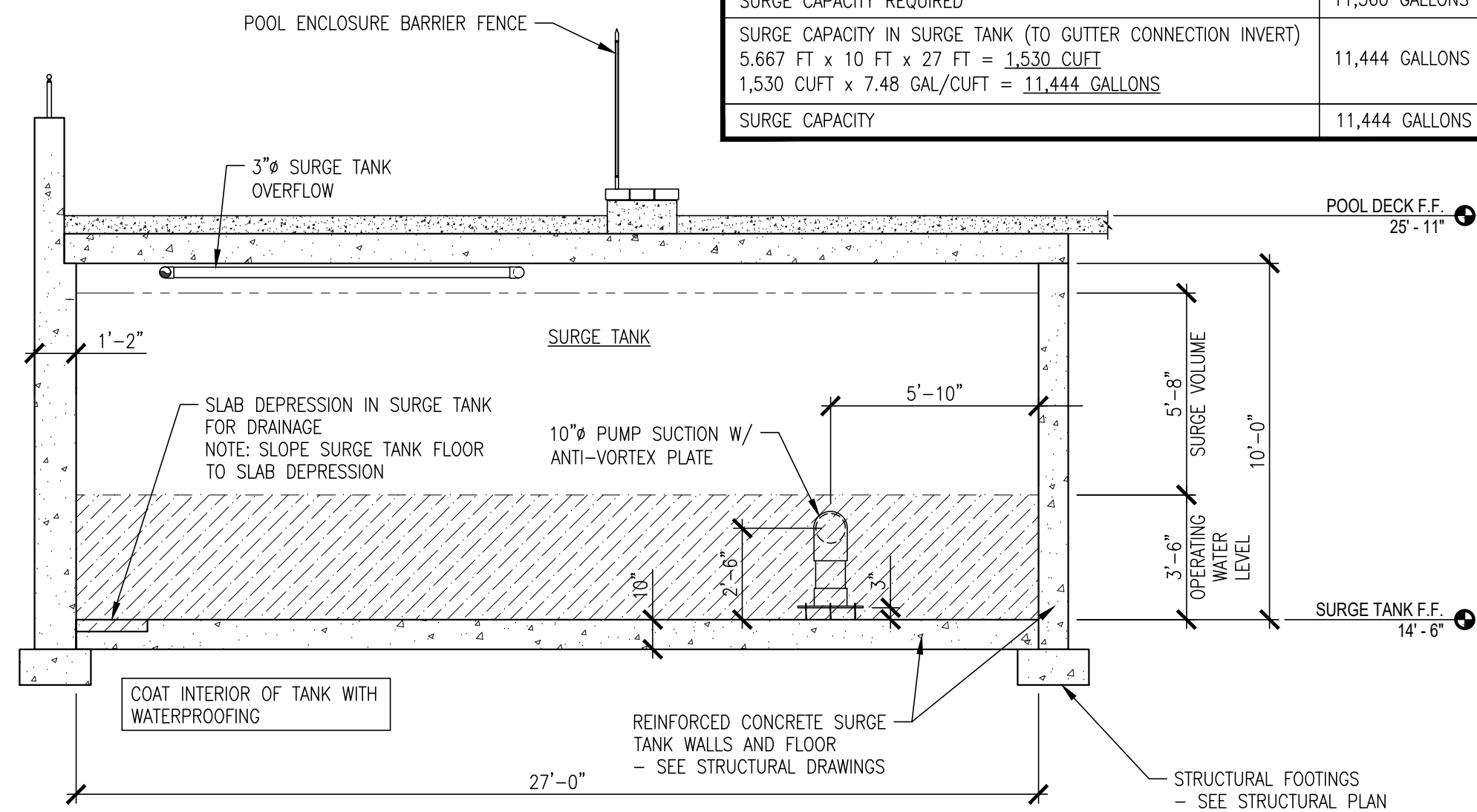


4 SANITARY COVE DETAIL  
SCALE N.T.S.

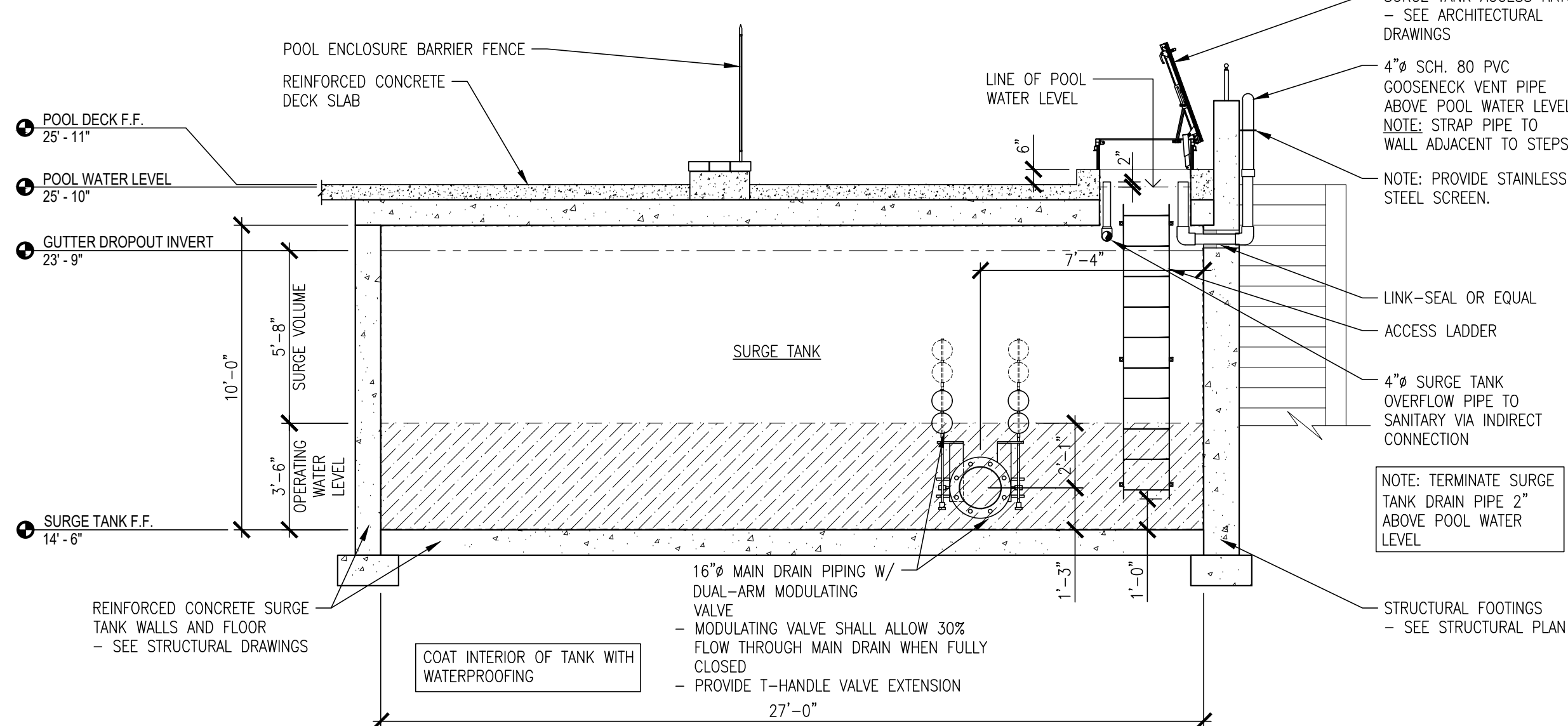


5 ELEVATED LIFEGUARD CHAIR DETAIL  
SCALE 3/4" = 1'-0"

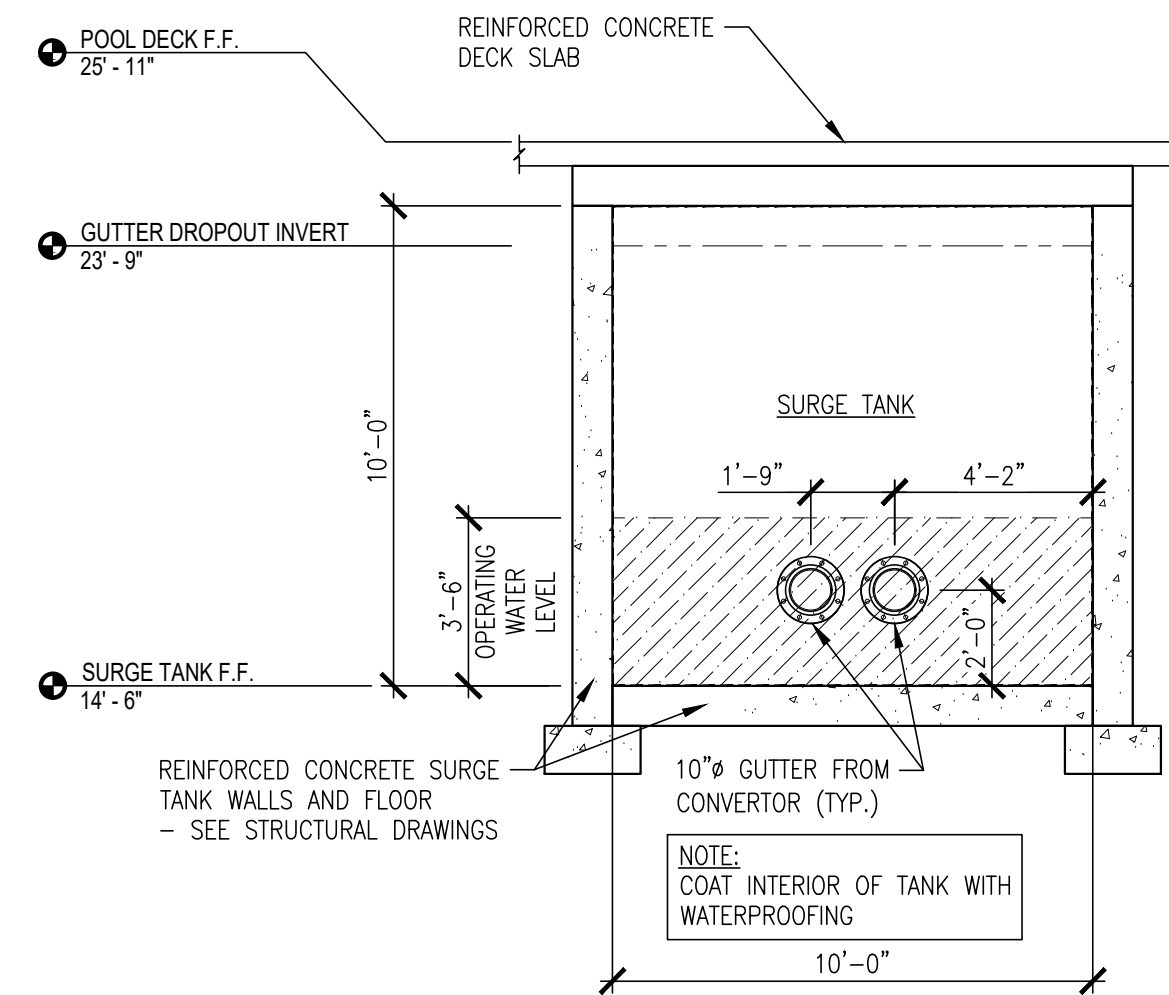
SURGE TANK CALCULATIONS	
POOL AREA	11,360 SQ. FT.
SURGE CAPACITY REQUIRED	11,360 GALLONS
SURGE CAPACITY IN SURGE TANK (TO GUTTER CONNECTION INVERT)	11,444 GALLONS
5,667 FT x 10 FT x 27 FT = 1,530 CUFT 1,530 CUFT x 7.48 GAL/CUFT = 11,444 GALLONS	
SURGE CAPACITY	11,444 GALLONS



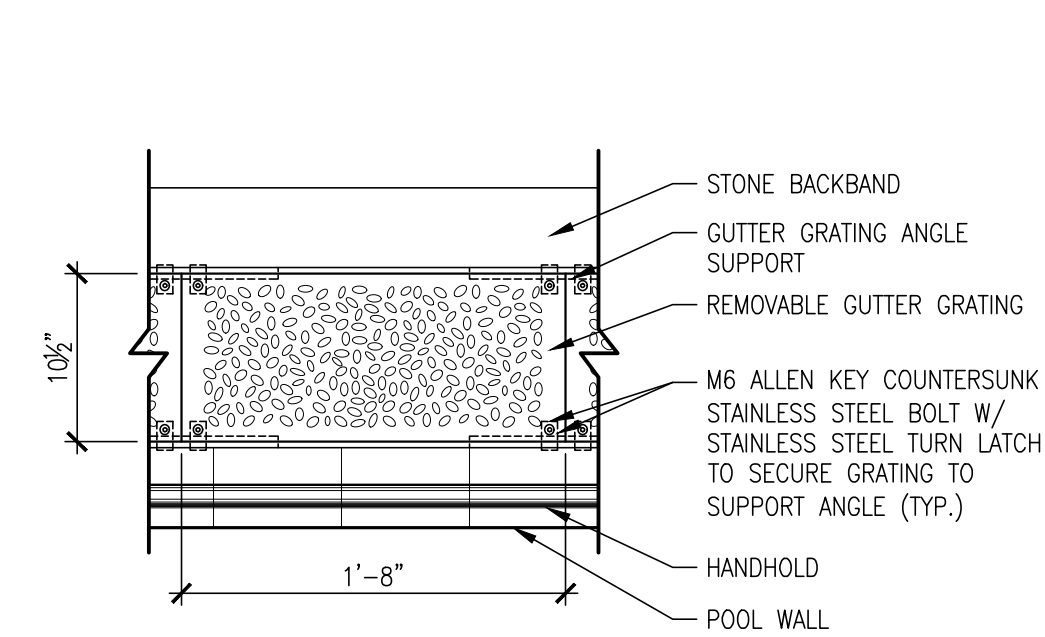
6 SECTION THRU SURGE TANK  
SCALE 1/4" = 1'-0"



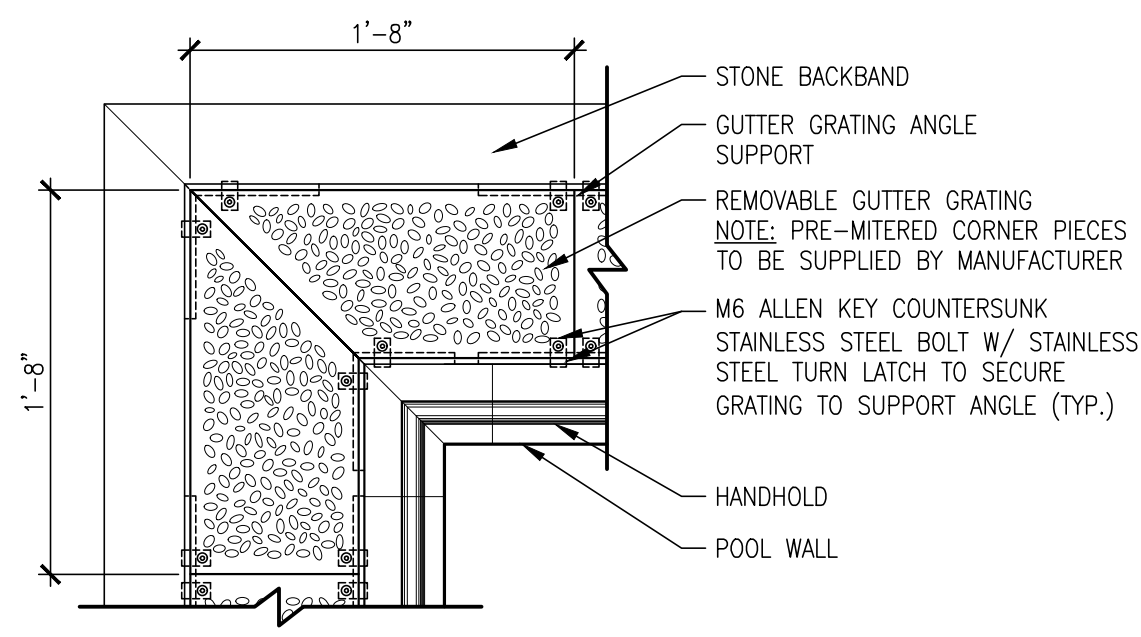
7 SECTION THRU SURGE TANK  
SCALE 1/4" = 1'-0"



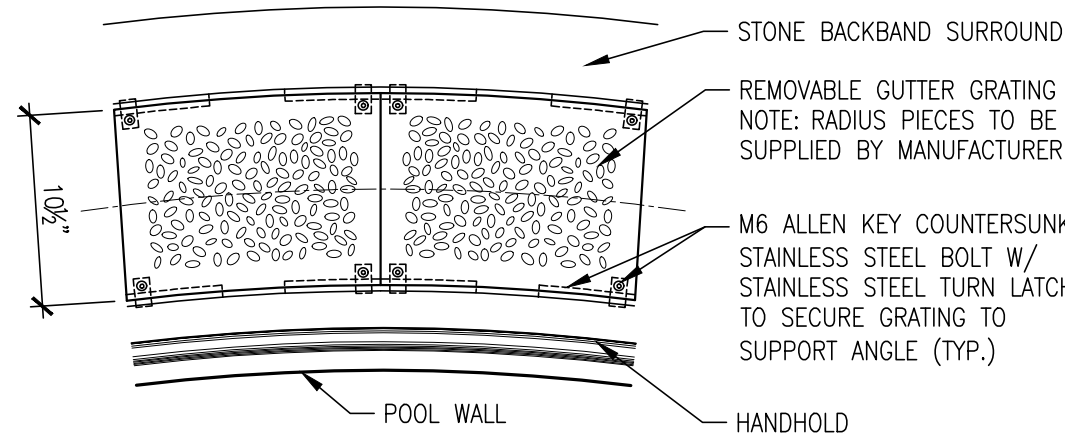
8 SECTION THRU SURGE TANK  
SCALE 1/4" = 1'-0"



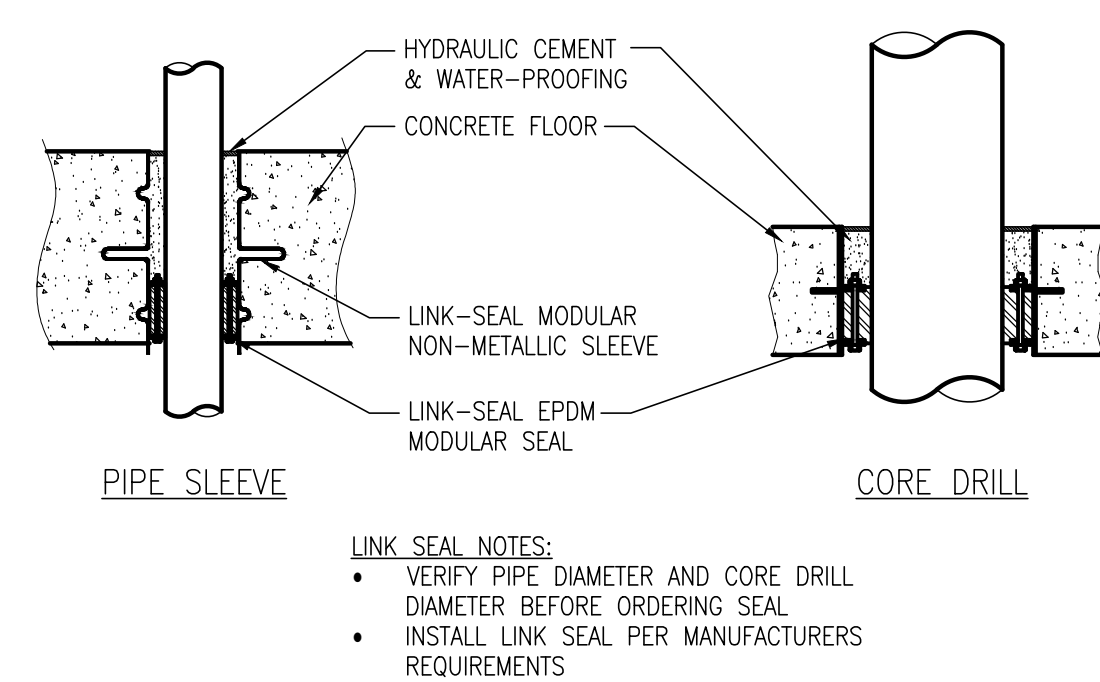
9 TYPICAL GUTTER GRATING PLAN DETAIL  
SCALE N.T.S.



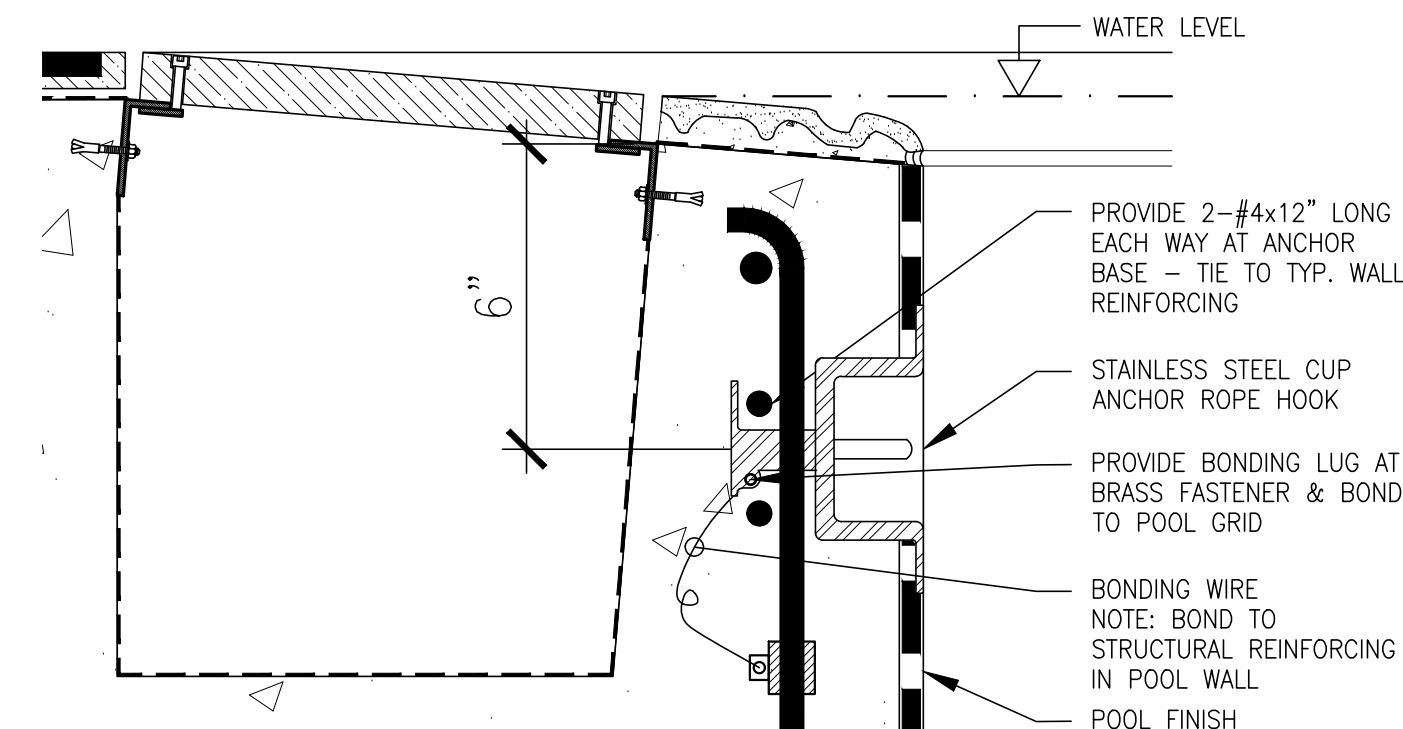
10 GUTTER GRATING @ CORNER DETAIL  
SCALE N.T.S.



11 GUTTER GRATING @ STAIR RADIUS DETAIL  
SCALE N.T.S.



12 LINK SEAL MODULAR SEAL DETAILS  
SCALE N.T.S.



13 LANE DIVIDER ANCHOR DETAIL  
SCALE 3" = 1'-0"

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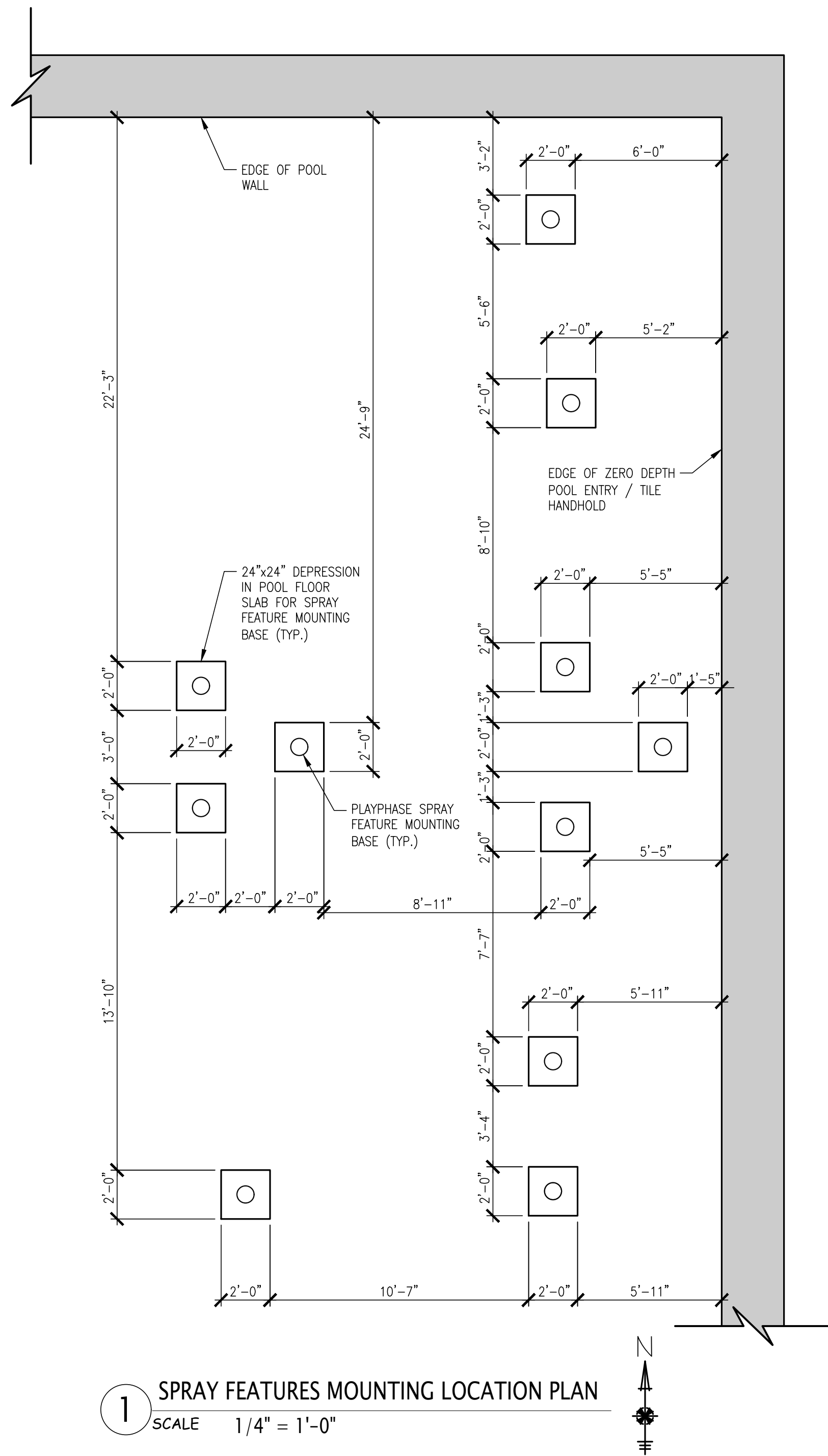
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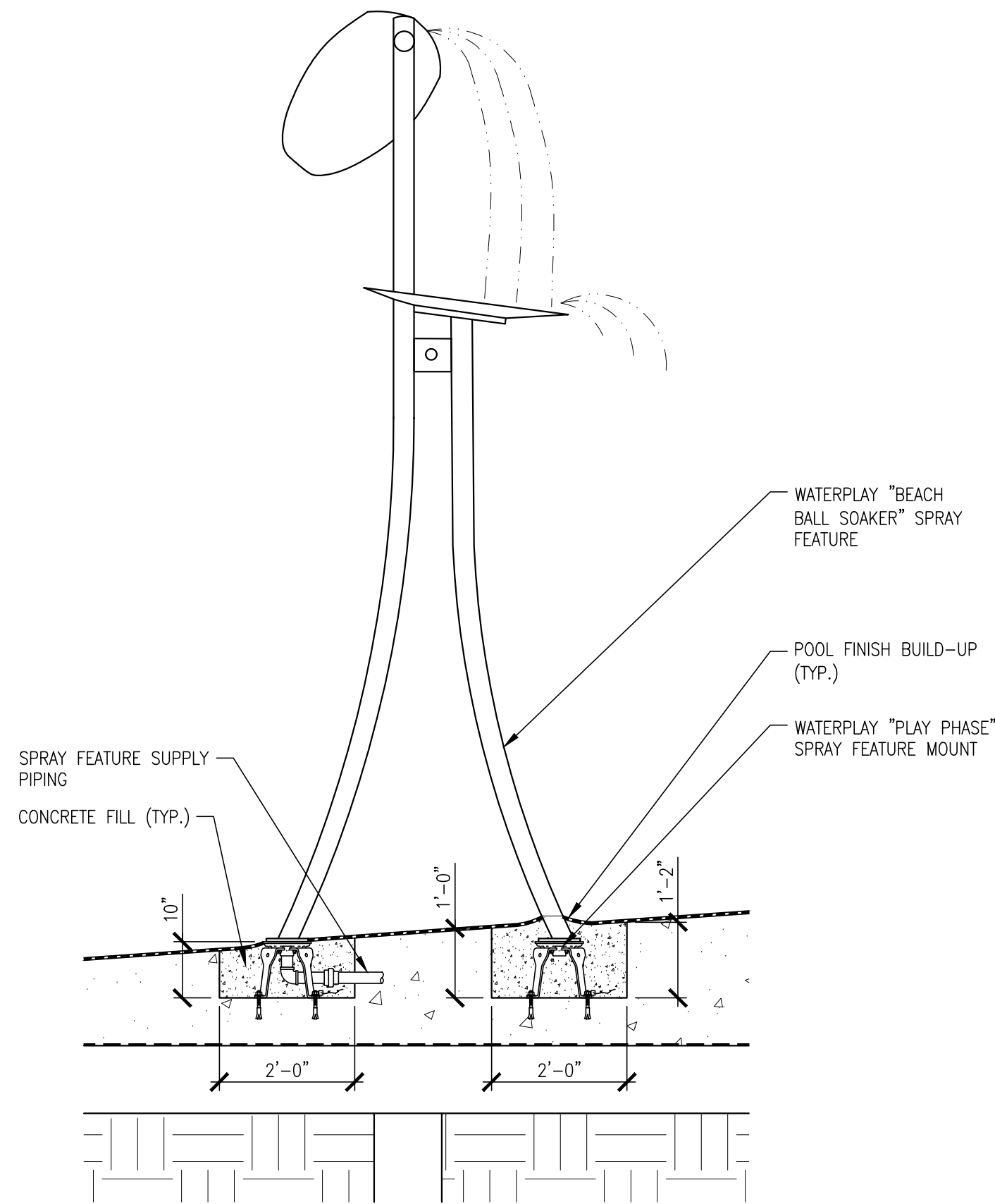
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DIVISION OF ENGINEERING  
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
SECTIONS AND DETAILS

CONTRACT NUMBER 20-504	SHEET NUMBER PL-008
SHEET NO. 188 OF 201	
SCALE: AS NOTED DATE: NOVEMBER 10, 2020	
DPW FILE NO. 1-19-S-545	REV. NO. 0

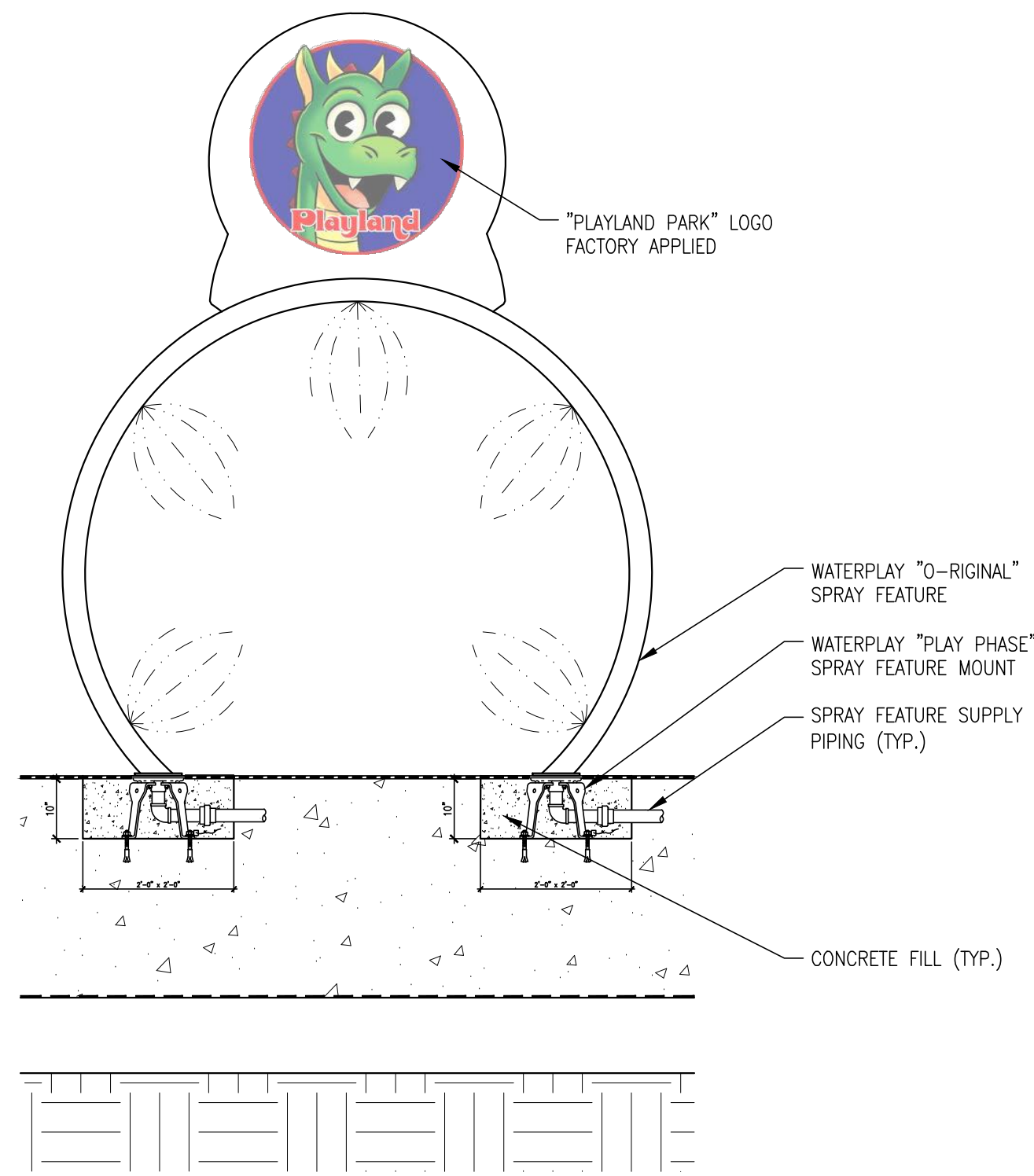




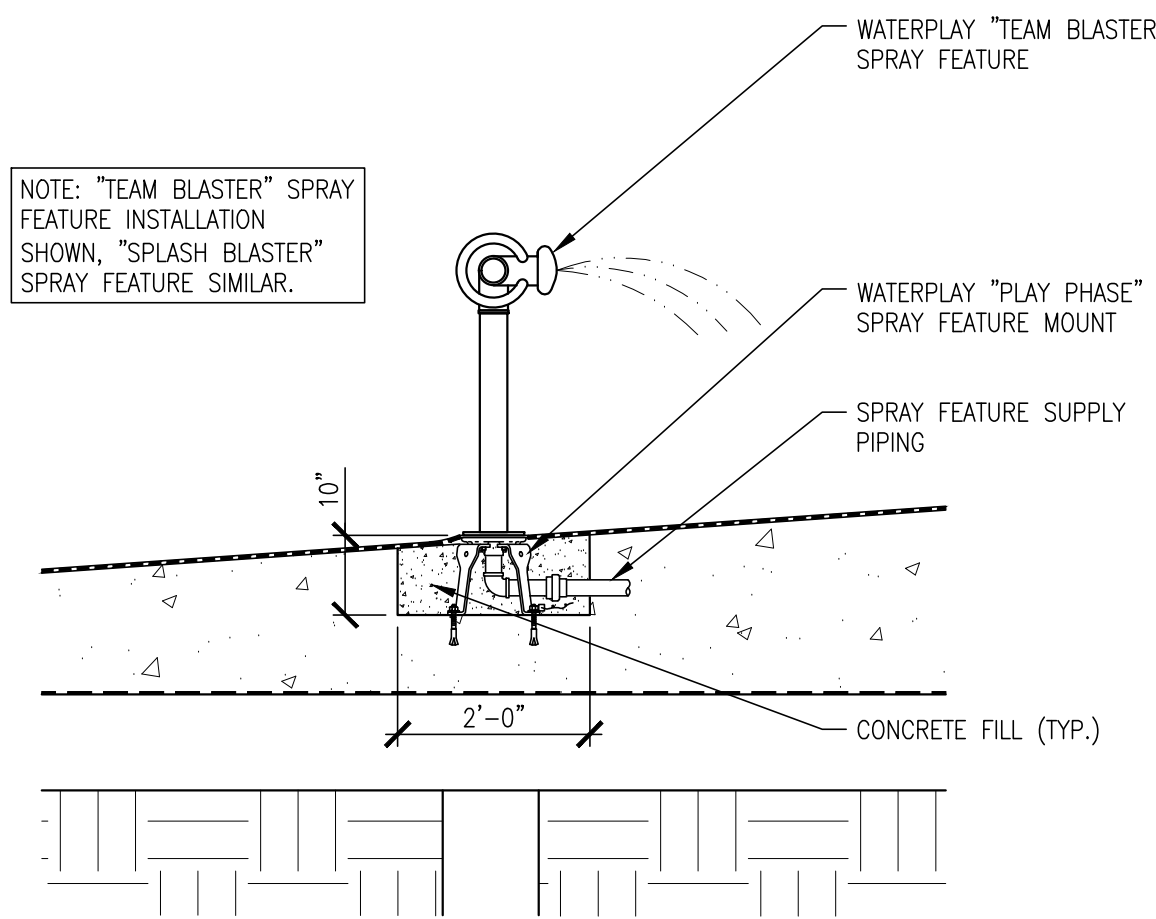
1 SPRAY FEATURES MOUNTING LOCATION PLAN  
SCALE 1/4" = 1'-0"



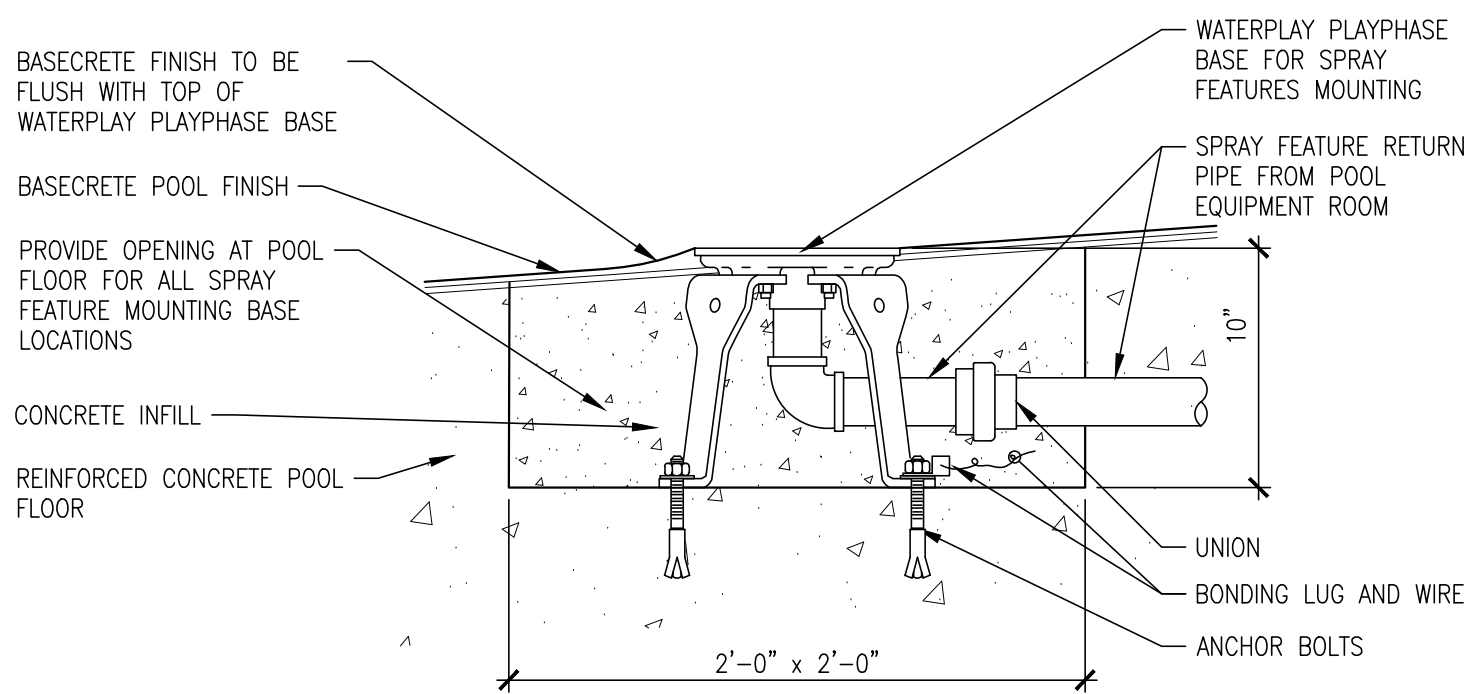
3 WATERPLAY "BEACH BALL SOAKER" SPRAY FEATURE DETAIL  
SCALE 1/2" = 1'-0"



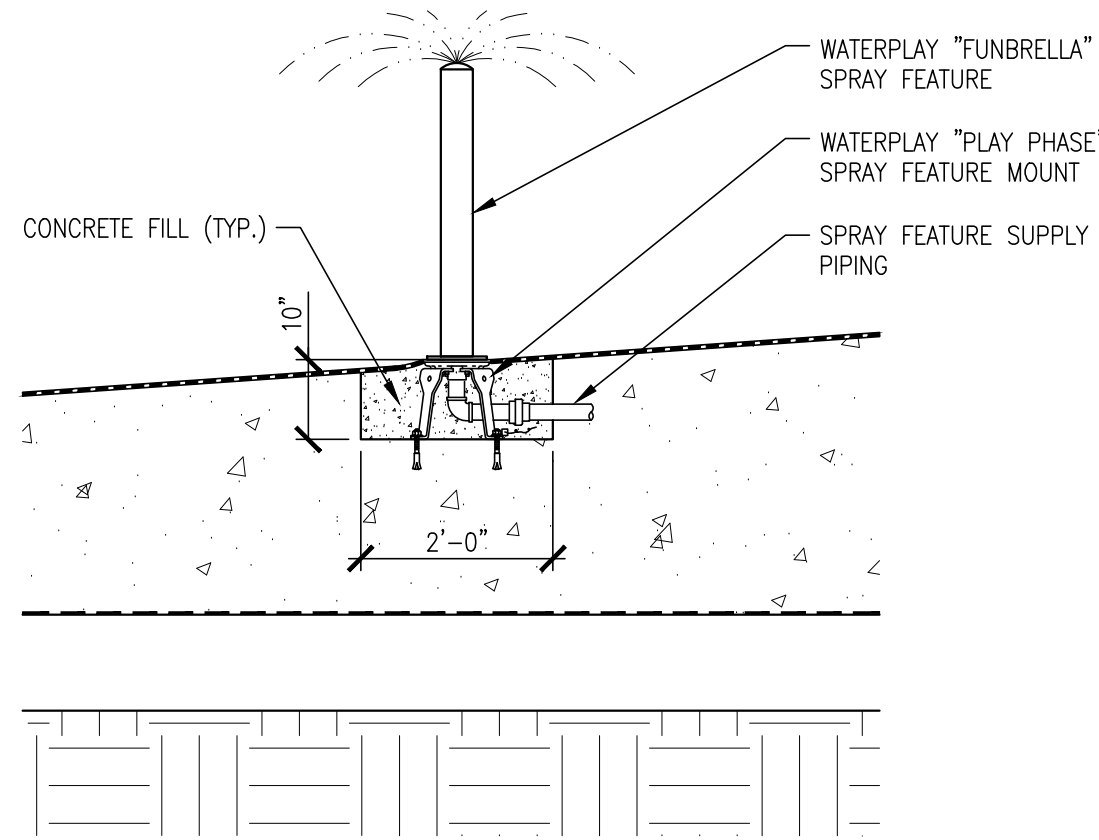
4 WATERPLAY "O-RIGINAL" SPRAY FEATURE DETAIL  
SCALE 1/2" = 1'-0"



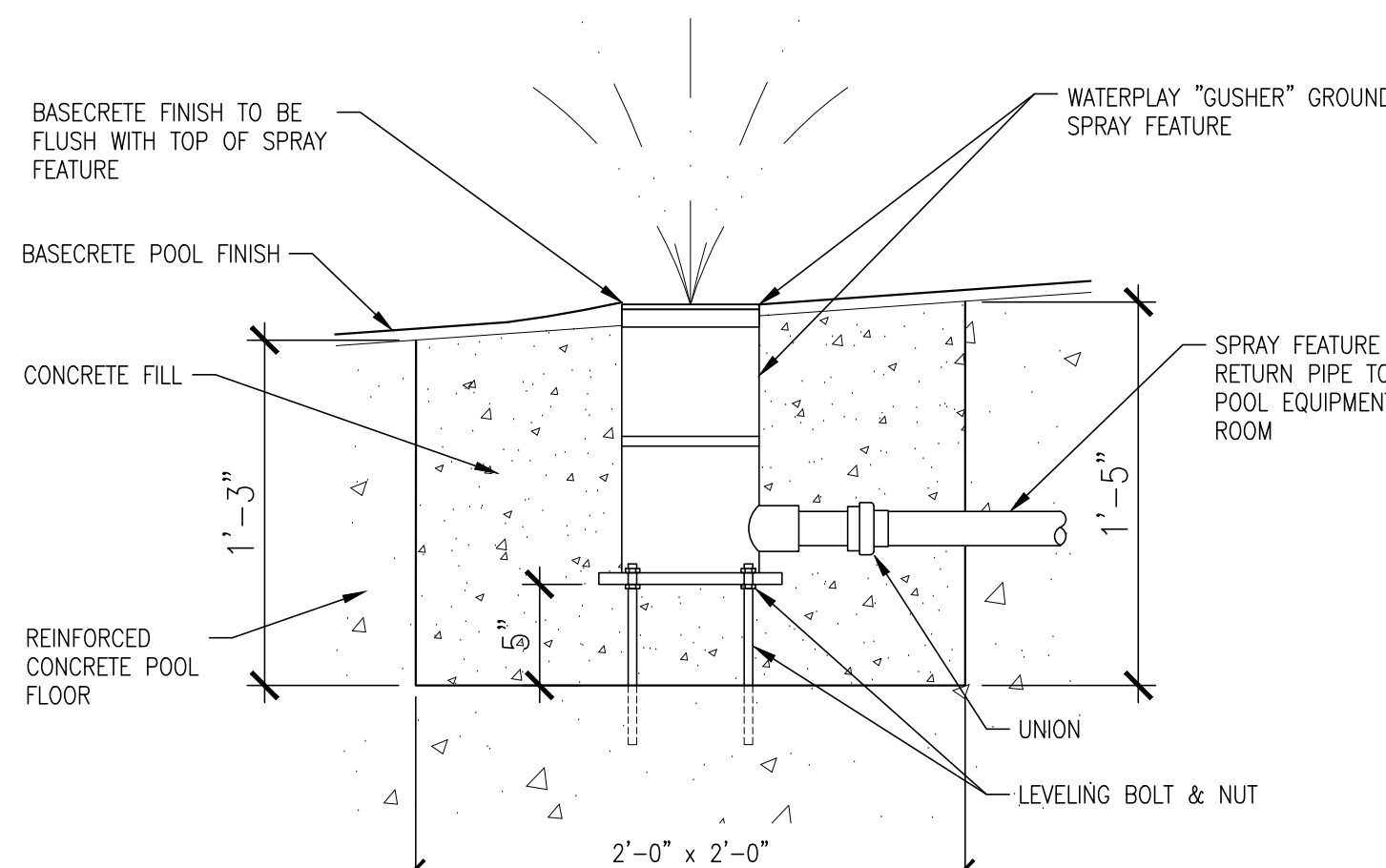
5 WATERPLAY "TEAM BLASTER" SPRAY FEATURE DETAIL  
SCALE 1/2" = 1'-0"



2 SPRAY FEATURES TYPICAL MOUNTING DETAIL  
SCALE 1-1/2" = 1'-0"



6 WATERPLAY "FUNBRELLA" FEATURE DETAIL  
SCALE 1/2" = 1'-0"



7 WATERPLAY "GUSHER" VERTICAL GROUND JET SPRAY FEATURE DETAIL  
SCALE 1/2" = 1'-0"

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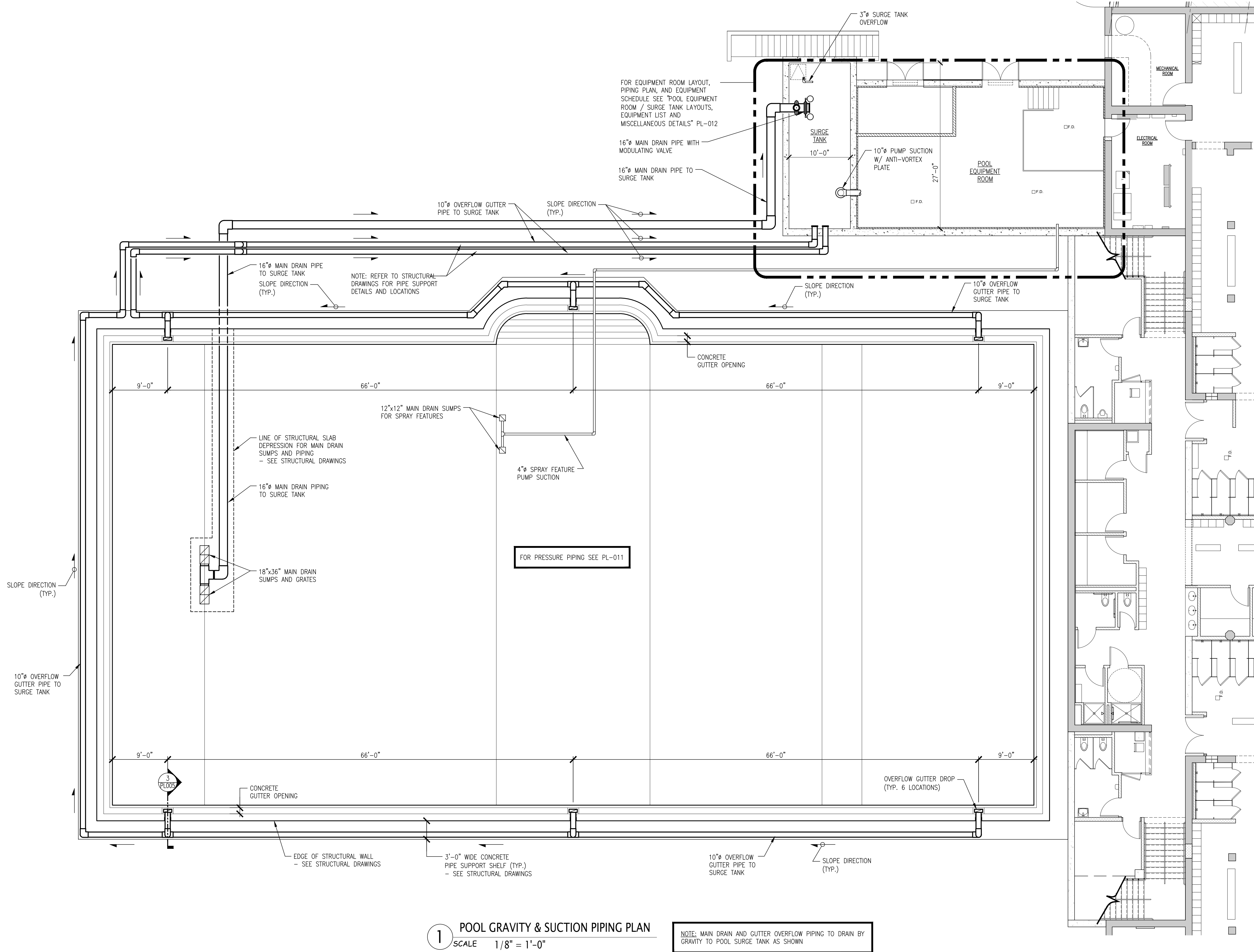
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NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>PL-009</b>
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK SPRAY FEATURES PLAN AND DETAILS		SHEET NO. <b>189</b> OF <b>201</b>	SCALE: <b>AS NOTED</b> DATE: <b>NOVEMBER 10, 2020</b>
		DPW FILE NO. <b>1-19-S-546</b>	REV. NO. <b>0</b>





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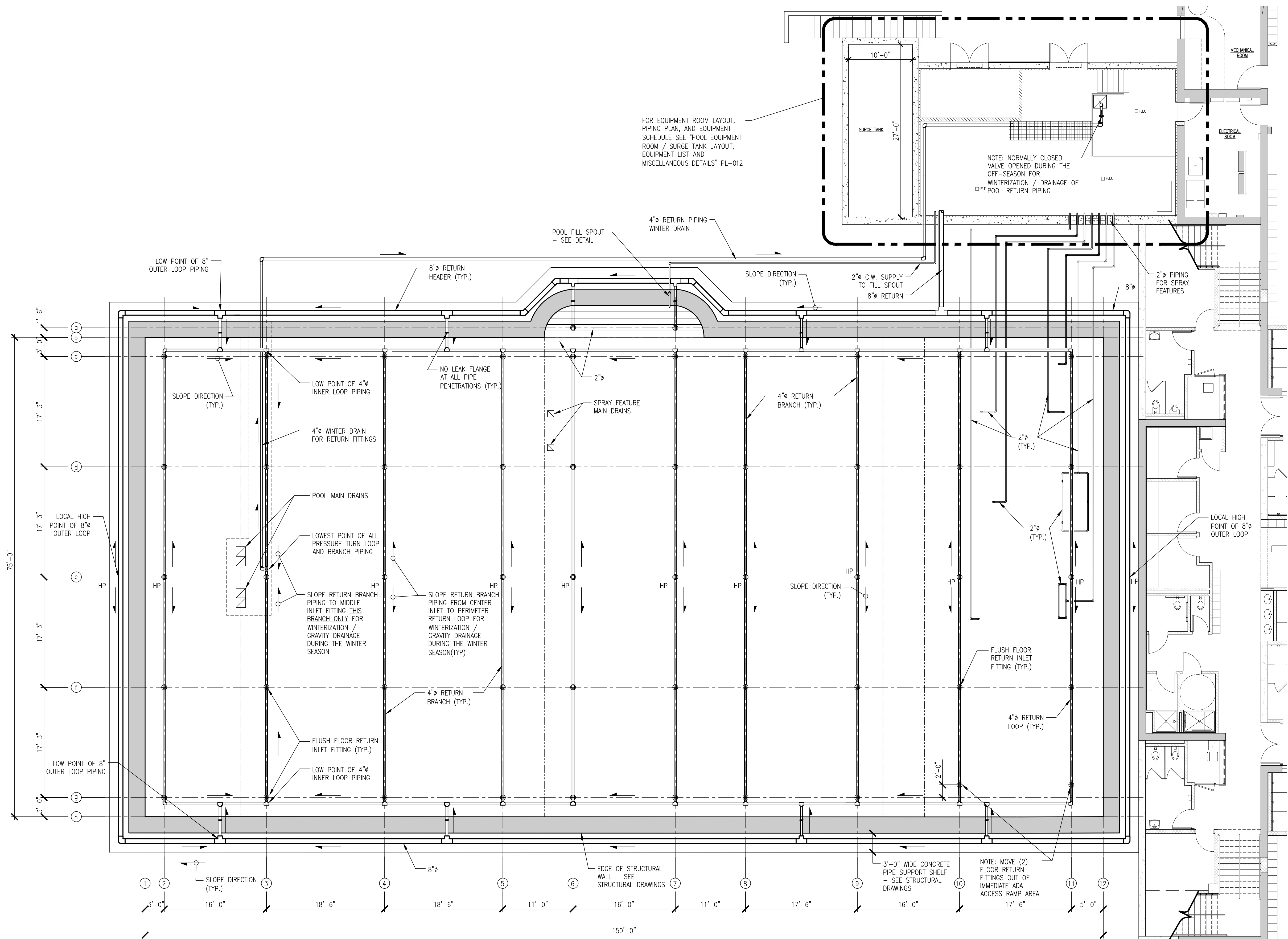
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SIGNATURE		SIGNATURE	
TITLE		TITLE	

WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING

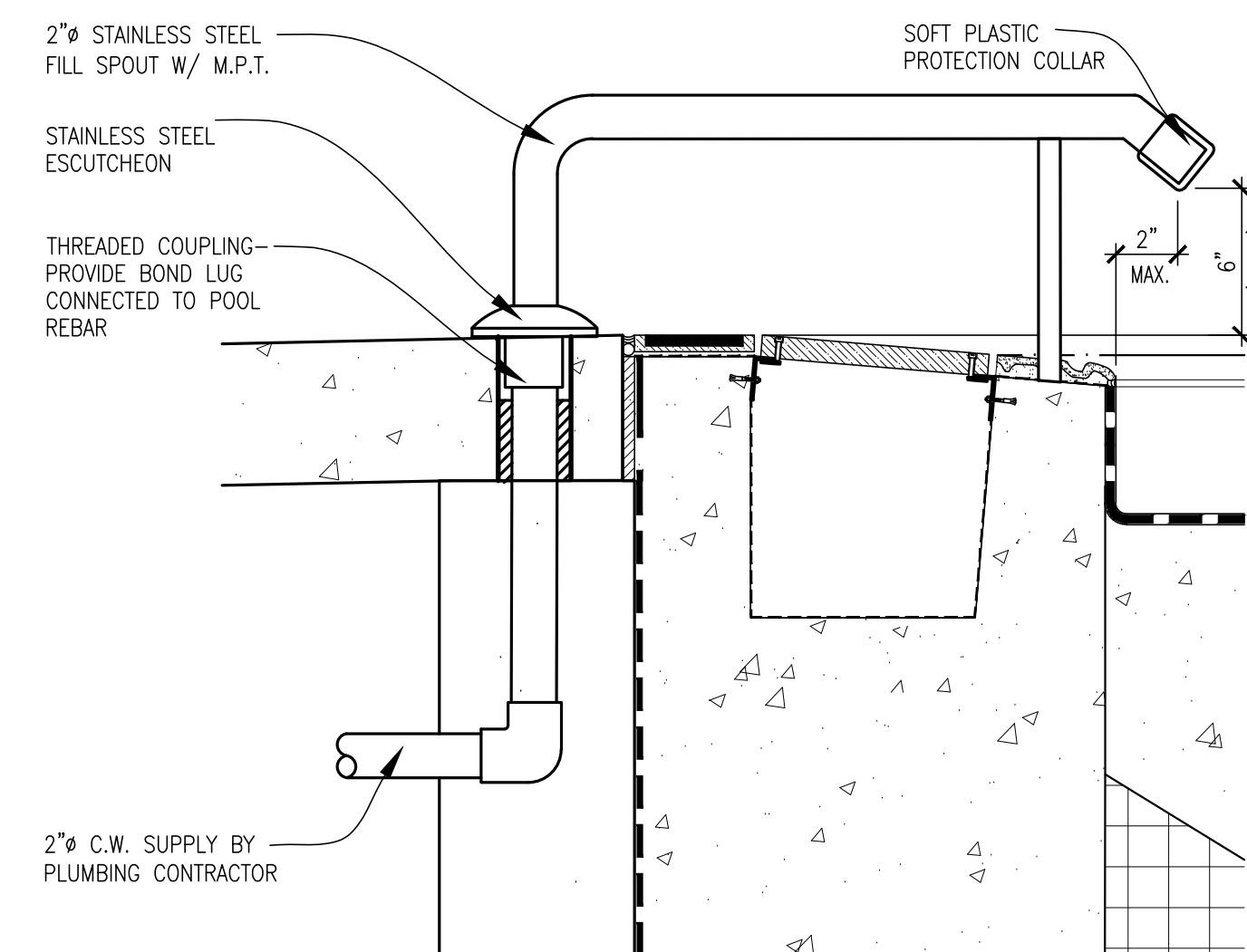
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
POOL GRAVITY PIPING LAYOUT

CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>PL-010</b>
SHEET NO. <b>190</b> OF <b>201</b>	
SCALE: <b>AS NOTED</b> DATE: <b>NOVEMBER 10, 2020</b>	
DPW FILE NO. <b>1-19-S-547</b>	REV. NO. <b>0</b>

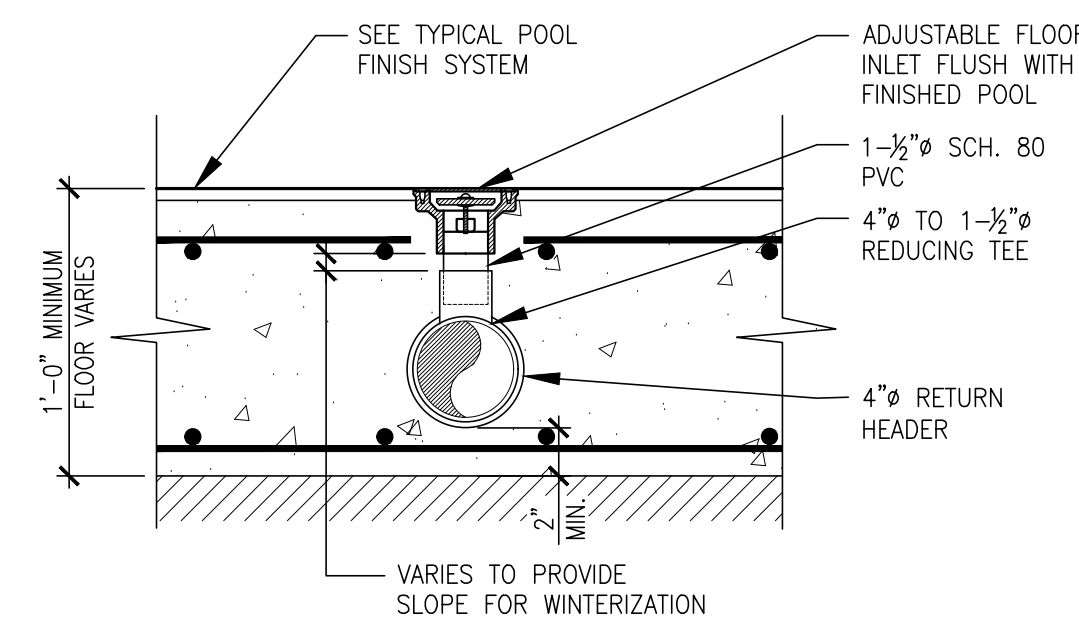




1 POOL RETURN PIPING PLAN  
SCALE 1/8" = 1'-0"

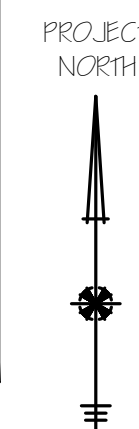


2 POOL FILL SPOUT DETAIL  
SCALE 1-1/2" = 1'-0"



3 TYPICAL FLOOR DETAIL  
SCALE 1-1/2" = 1'-0"

TURNOVER RATE CALCULATION				
AREA	VOLUME (GAL)	NO. OF INLET FITTINGS	FLOW (GPM)	TURNOVER TIME (HR)
A	15,148	10	231	1.1 HOURS
B	53,867	10	231	3.9 HOURS
C	62,816	12	277	3.8 HOURS
D	115,376	15	346	5.5 HOURS
E	38,643	5	115	5.5 HOURS
TOTAL	285,850	52	1200	4.0 HOURS



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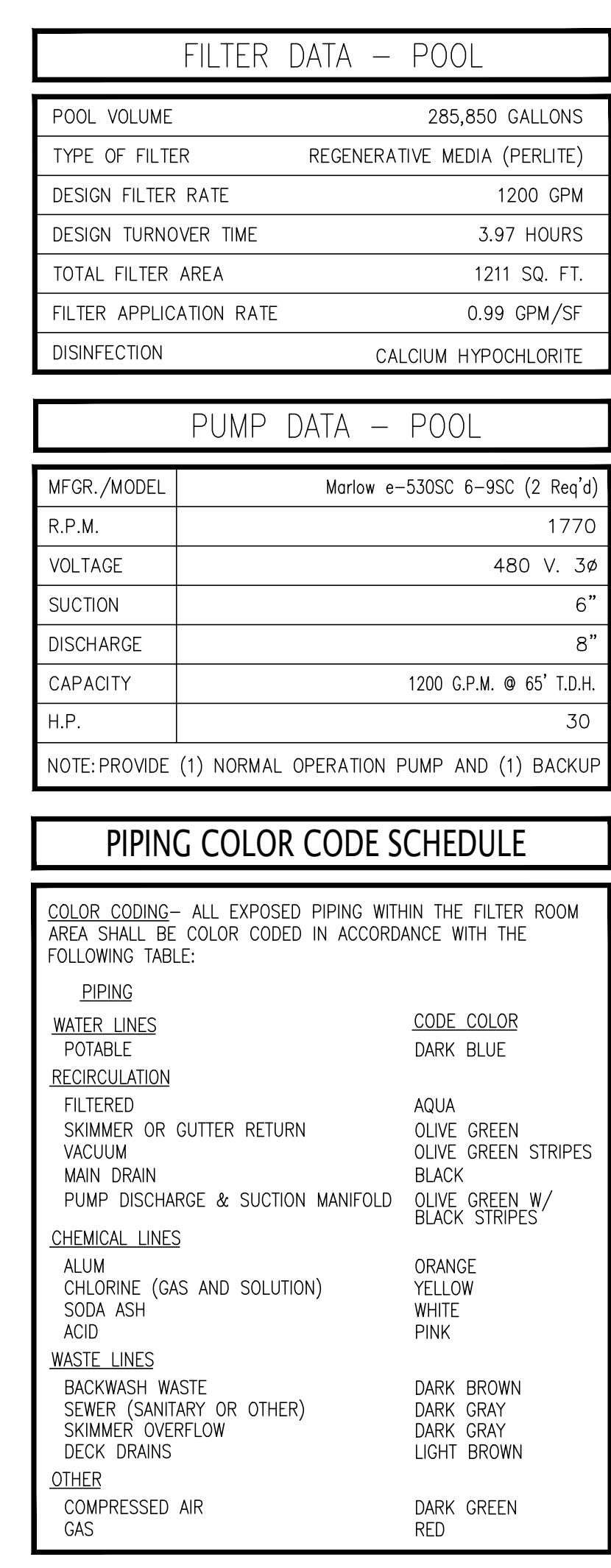
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WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING  
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
POOL SUPPLY PIPING LAYOUT

CONTRACT NUMBER  
20-504  
SHEET NO. 191 OF 201  
SCALE: AS NOTED  
DATE: NOVEMBER 10, 2020  
DPW FILE NO.  
1-19-S-548  
SHEET NUMBER  
PL-011  
REV. NO.  
0





**1 POOL EQUIPMENT ROOM LAYOUT**  
SCALE 1/4" = 1'-0"

SEE EQUIPMENT SCHEDULE FOR PIPE SIZES

CHLORINE

RETURN LINE

POOL EQUIPMENT ROOM WALL

POOL RETURN PIPE

WET STONE DIFFUSER

BALL VALVE

3/8" TUBING TO CO2 PANEL

CO2

**2 CHEMICAL INJECTION FITTINGS**  
SCALE N.T.S.

3 1/2" PRESSURE GAUGES (0 TO 60 PSI)

PANEL GAUGE BLOCK INTEGRAL TO FACE OF FILTER

MOUNT AT SAME LEVEL

CONNECT TO EFFLUENT SIDE OF FILTER

CONNECT TO INFLUENT SIDE OF FILTER

**3 GAUGE PANEL (SPRAY FEATURES FILTER)**  
SCALE N.T.S.

TO OIT DIGITAL DISPLAY IN POOL ELECTRIC CONTROL PANEL

MICROMETER ULTRA MAG FLOW METER

BONDING RING & WIRE

1X PIPE DIA. MIN. STRAIGHT RUN UPSTREAM REQUIRED

PUMP DISCHARGE

**4 POOL FLOW METER DETAIL**  
SCALE N.T.S.

THREADED ROD SECURED TO POOL EQUIPMENT ROOM CEILING

FASTENAL OR EQUIVALENT CLEVIS PIPE HANGER @ 32" O.C.

PIPE SIZE VARIES - SEE POOL PIPING PLAN FOR SIZES

NOTE: FOR ADDITIONAL PIPE HANGER DETAILS SEE ARCHITECTURAL DRAWING SET

**5 SPRAY FEATURE FLOW METER DETAIL**  
SCALE N.T.S.

MIN. STRAIGHT RUNS

SEE TABLE

5X PIPE DIA.

TO DISPLAY MTD. IN CONTROL PANEL

RETURN PIPING

PVC REDUCING-TEE OR SADDLE

PADDLEWHEEL FLOW SENSOR

**6 PIPE HANGER DETAIL**  
SCALE N.T.S.

7" TRENCH

3'-0"

3'-0"

4" SURGE TANK DRAIN PIPE TO SUMP

10" PUMP DISCHARGE PIPING TO FILTER

4" SURGE TANK WINTER DRAIN PIPE TO SUMP W/ CONNECTION TO STORM

4" RETURN WINTERIZATION PIPE TO SUMP W/ CONNECTION TO STORM

4" SURGE TANK OVERFLOW PIPE TO SUMP W/ CONNECTION TO SANITARY

4" X" CLEARANCE ON ALL FOUR SIDES

GRATING FRAME W/ CONTINUOUS ANCHOR ON ALL FOUR SIDES OF OPENING

GRATING FLUSH WITH POOL EQUIPMENT ROOM FLOOR

**7 TRENCH DETAIL**  
SCALE N.T.S.

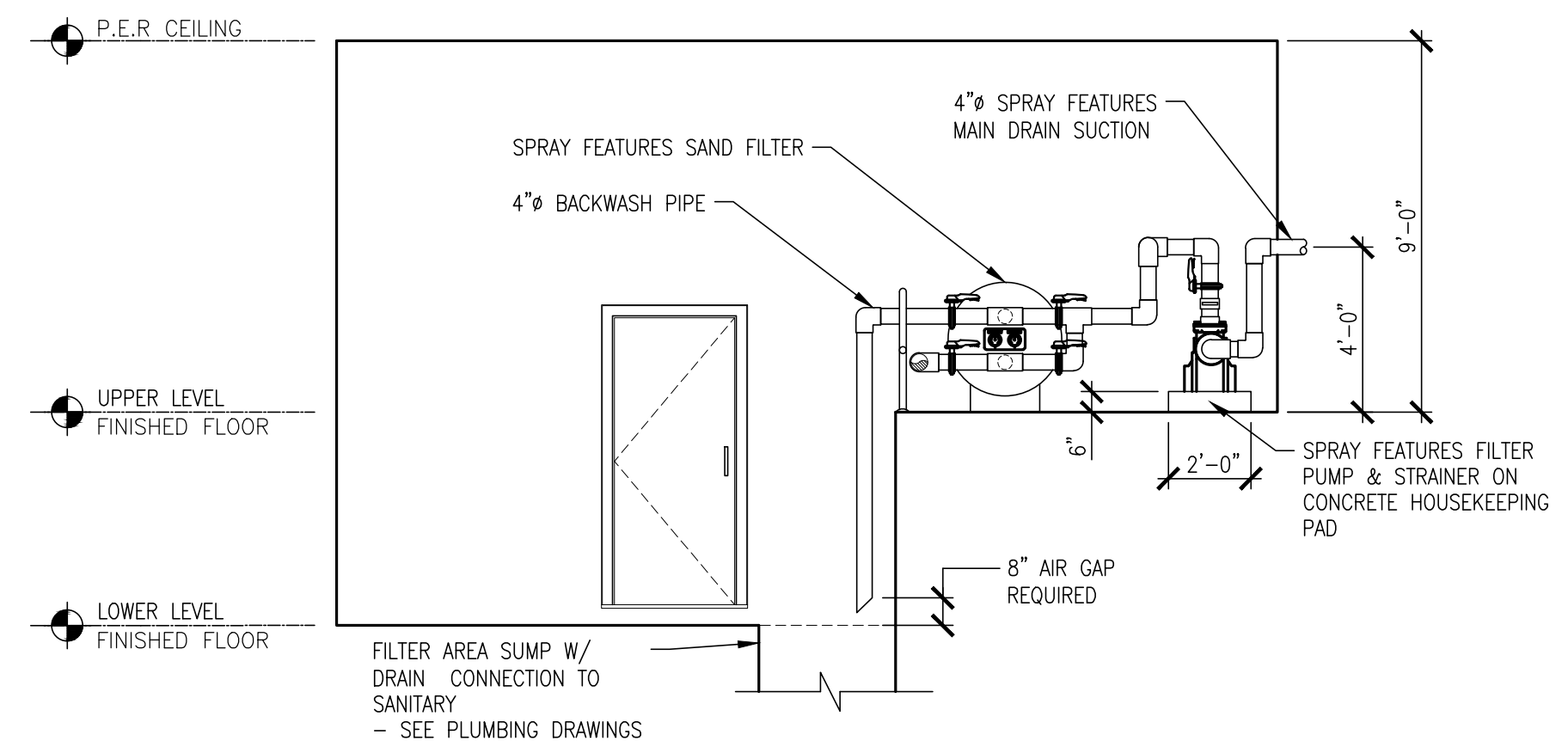
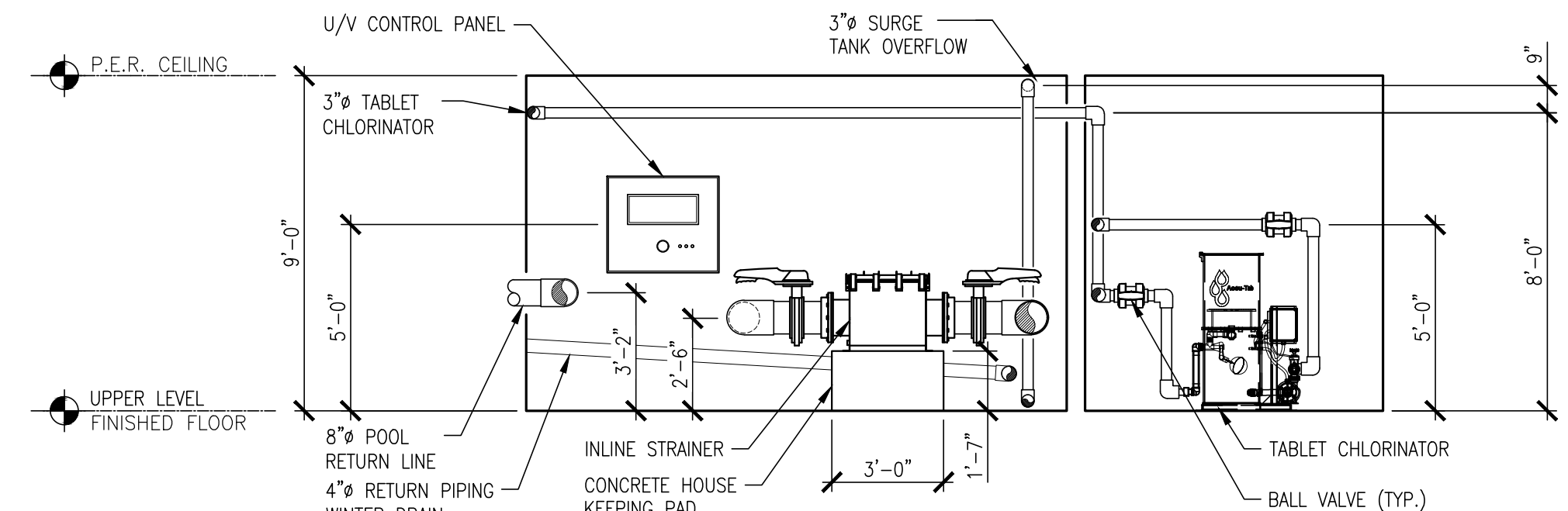
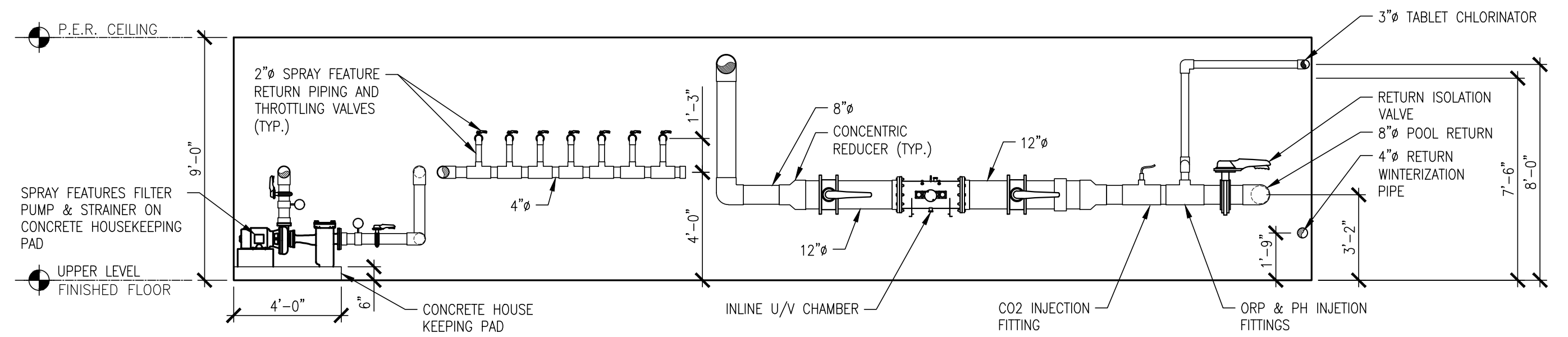
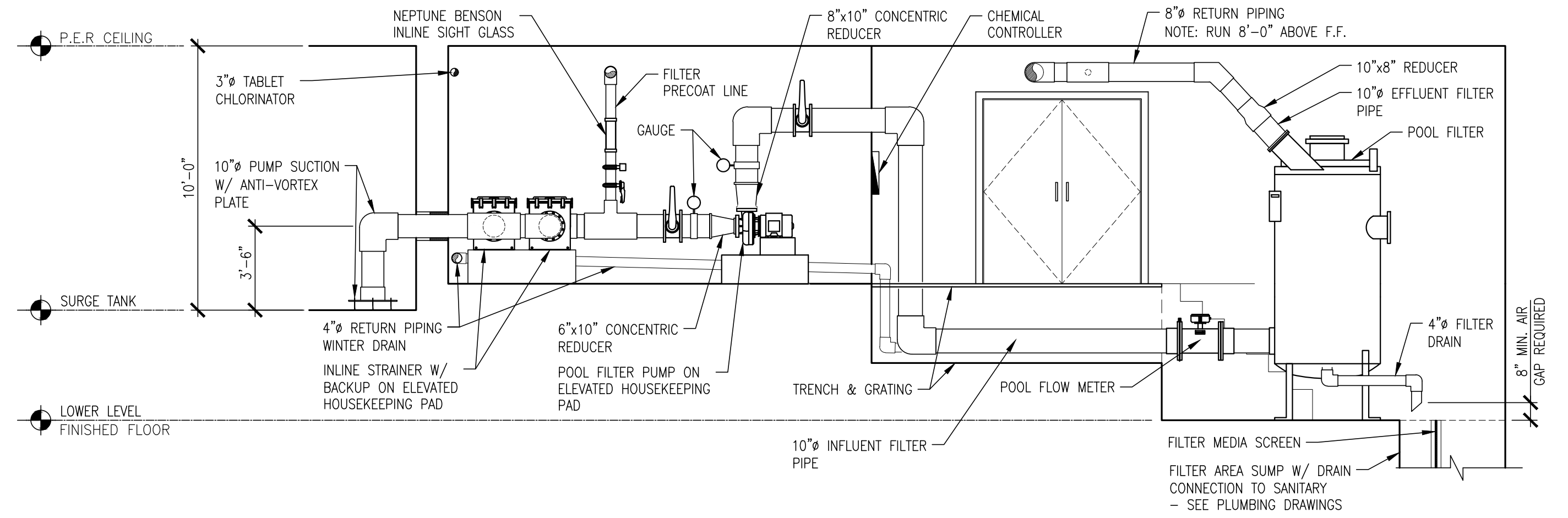
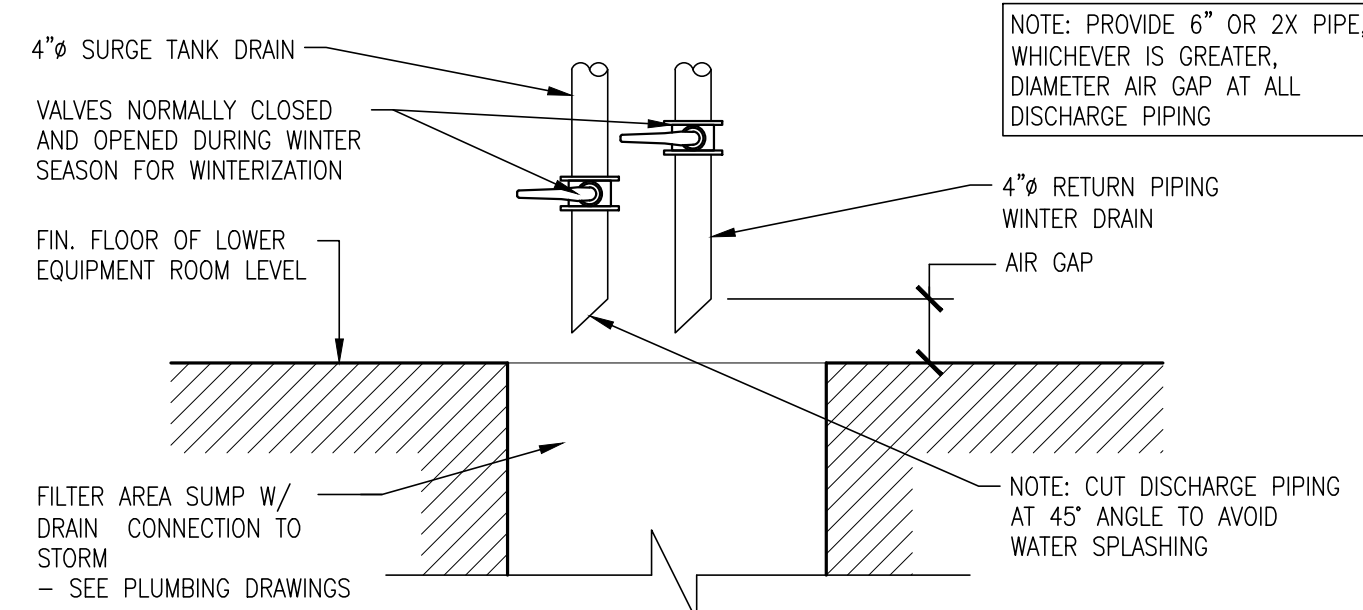
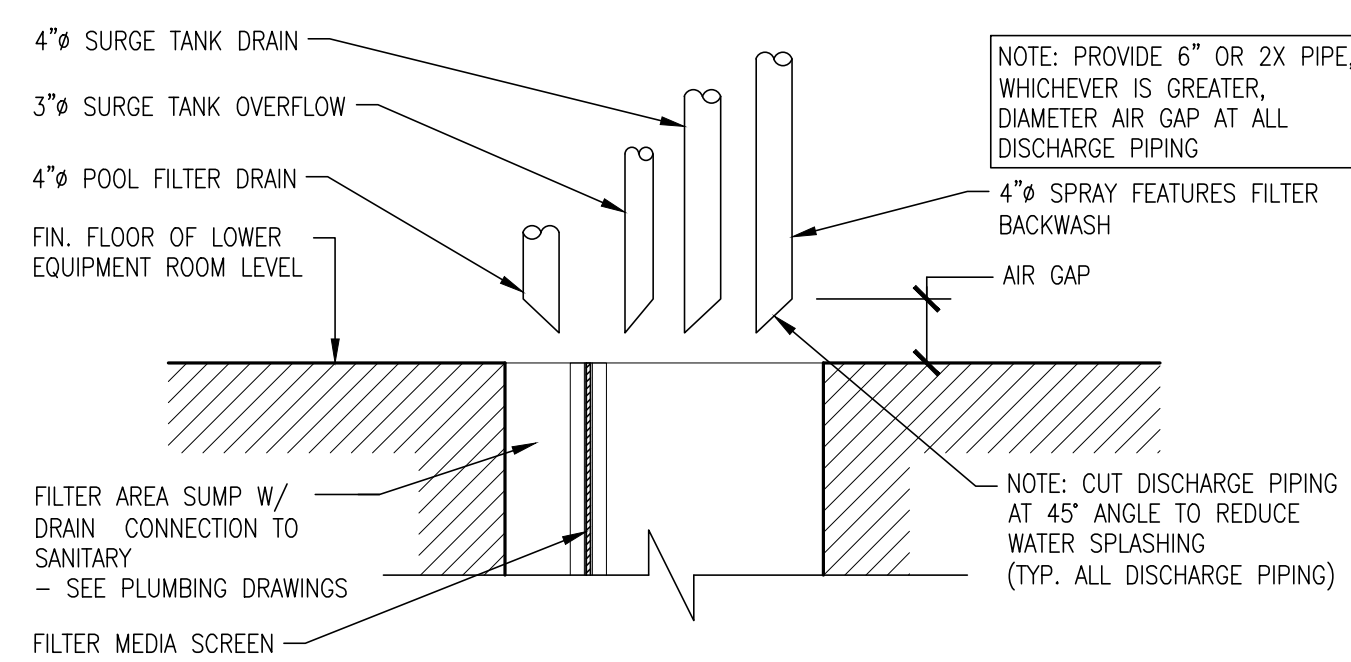
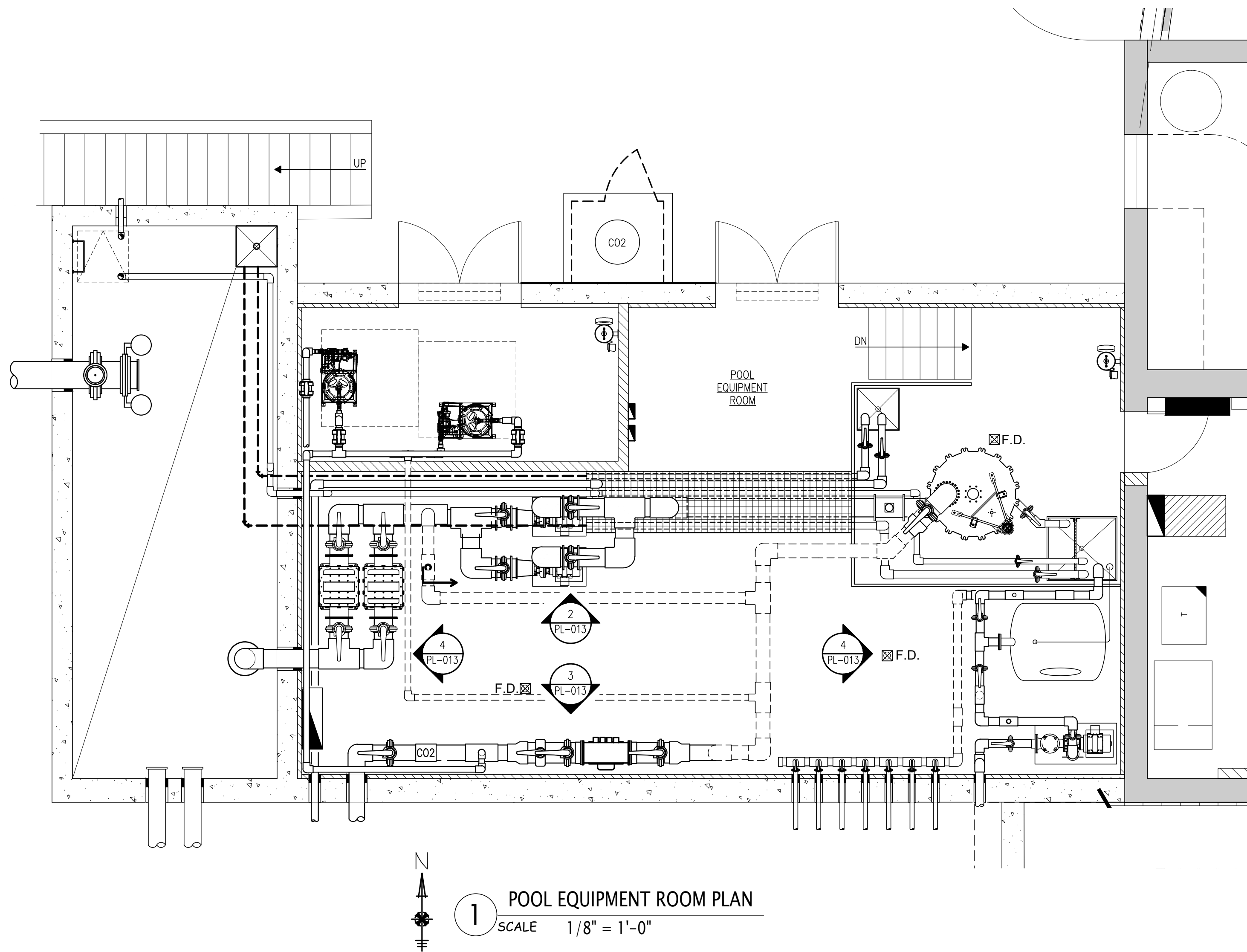
FLOW METER LOCATION	REQUIRED DISTANCE IN PIPE DIA.
AFTER FLANGE	10 x PIPE DIA.
AFTER REDUCER	15 x PIPE DIA.
AFTER 90° ELBOW	20 x PIPE DIA.
AFTER 2 x 90° ELBOWS	25 x PIPE DIA.
AFTER VALVE OR PUMP	50 x PIPE DIA.
AFTER FLOW SENSOR	5 x PIPE DIA.

**REQUIRED DISTANCE OF STRAIGHT PIPE**

PUMP DATA - SPRAY FEATURES	
MFGR./MODEL	Marlow e-530SC 2-9
R.P.M.	1750
VOLTAGE	480 V. 3ø
SUCTION	2.5"
DISCHARGE	2"
CAPACITY	150 G.P.M. @ 65' I.O.H.
H.P.	5

REQUIRED DISTANCE OF STRAIGHT PIPE	
FLOW METER LOCATION	REQUIRED DISTANCE IN PIPE DIAMETERS
AFTER FLANGE	10 x PIPE DIA.
AFTER REDUCER	15 x PIPE DIA.
AFTER 90° ELBOW	20 x PIPE DIA.
AFTER 2 x 90° ELBOWS	25 x PIPE DIA.
AFTER VALVE OR PUMP	50 x PIPE DIA.
AFTER FLOW SENSOR	5 x PIPE DIA.





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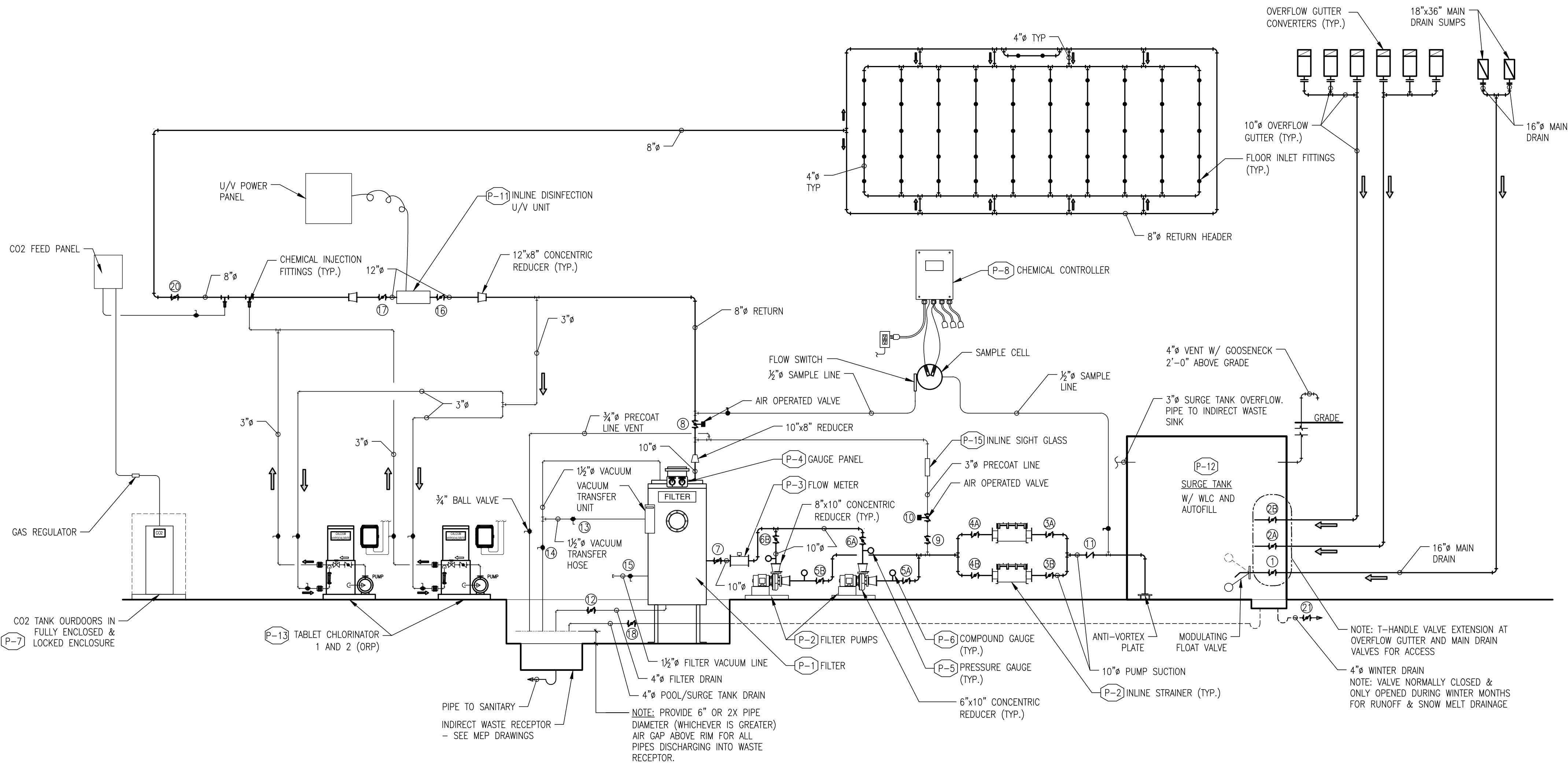
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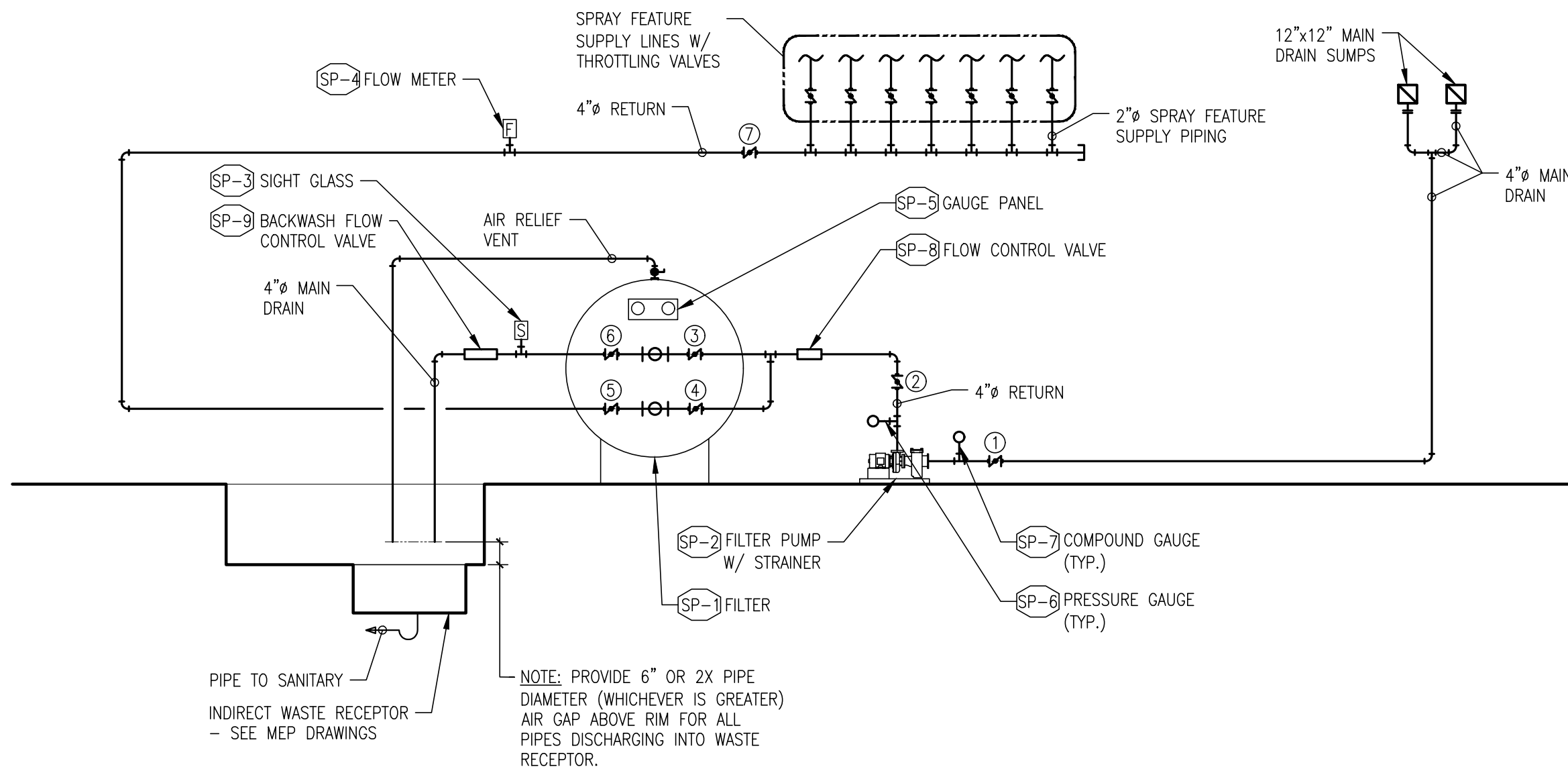
WESTCHESTER COUNTY, NEW YORK  
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
DIVISION OF ENGINEERING  
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
POOL EQUIPMENT ROOM ELEVATIONS

CONTRACT NUMBER **20-504**  
SHEET NUMBER **PL-013**  
SHEET NO. **193** OF **201**  
SCALE: **AS NOTED**  
DATE: **NOVEMBER 10, 2020**  
DPW FILE NO. **1-19-S-550**  
REV. NO. **0**





1 POOL FILTRATION EQUIPMENT PIPING SCHEMATIC  
SCALE N.T.S.



2 SPRAY FEATURES FILTRATION EQUIPMENT PIPING SCHEMATIC  
SCALE N.T.S.

### LEGEND

●	OPENED/CLOSED POSITION		GATE VALVE
T	THROTTLE VALVE		CHECK VALVE
*	ADD MAKE-UP WATER		AIR OPERATED VALVE (AOV)
	BUTTERFLY VALVE		
	BALL VALVE		
	GLOBE VALVE		

### POOL VALVE SCHEDULE

NO.	DESCRIPTION	SIZE	OPERATION											
			FILTER		FILTER DRAIN		POOL DRAIN		FILL		PRECOAT		WINTERIZE	
1	MAIN DRAIN	16"	●	●	●	●	●	●	●	●	●	●	●	●
2A	GUTTER OVERFLOW	10"	●	●	●	●	●	●	●	●	●	●	●	●
2B	GUTTER OVERFLOW	10"	●	●	●	●	●	●	●	●	●	●	●	●
3A	STRAINER "A" (ISOLATION IN)	10"	●	●	●	●	●	●	●	●	●	●	●	●
3B	STRAINER "B" (ISOLATION IN)	10"	●	●	●	●	●	●	●	●	●	●	●	●
4A	STRAINER "A" (ISOLATION OUT)	10"	●	●	●	●	●	●	●	●	●	●	●	●
4B	STRAINER "B" (ISOLATION OUT)	10"	●	●	●	●	●	●	●	●	●	●	●	●
5A	PUMP "A" (SUCTION)	8"	●	●	●	●	●	●	●	●	●	●	●	●
5B	PUMP "B" (SUCTION)	8"	●	●	●	●	●	●	●	●	●	●	●	●
6A	PUMP "A" (DISCHARGE)	10"	●	●	●	●	●	●	●	●	●	●	●	●
6B	PUMP "B" (DISCHARGE)	10"	●	●	●	●	●	●	●	●	●	●	●	●
7	FILTER ISOLATION (IN)	10"	●	●	●	●	●	●	●	●	●	●	●	●
8	FILTER ISOLATION (OUT) (AOV)	10"	●	●	●	●	●	●	●	●	●	●	●	●
9	FILTER PRECOAT	3"	●	●	●	●	●	●	●	●	●	●	●	●
10	FILTER PRECOAT EFFLUENT (AOV)	3"	●	●	●	●	●	●	●	●	●	●	●	●
11	FILTER PRECOAT EFFLUENT (CHECK)	10"	●	●	●	●	●	●	●	●	●	●	●	●
12	FILTER DRAIN	4"	●	●	●	●	●	●	●	●	●	●	●	●
13	FILTER VACUUM TRANSFER	1 1/2"	●	●	●	●	●	●	●	●	●	●	●	●
14	FILTER VACUUM VENT	1 1/2"	●	●	●	●	●	●	●	●	●	●	●	●
15	FILTER VACUUM HOSE	1 1/2"	●	●	●	●	●	●	●	●	●	●	●	●
16	U/V IN	12"	●	●	●	●	●	●	●	●	●	●	●	●
17	U/V OUT	12"	●	●	●	●	●	●	●	●	●	●	●	●
18	POOL & SURGE TANK DRAIN	3"	●	●	●	●	●	●	●	●	●	●	●	●
19	POOL FILL	2"	●	●	●	●	●	●	●	●	●	●	●	●
20	RETURN ISOLATION	8"	●	●	●	●	●	●	●	●	●	●	●	●
21	WINTER DRAIN	4"	●	●	●	●	●	●	●	●	●	●	●	●

### SPRAY FEATURES VALVE SCHEDULE

NO.	DESCRIPTION	SIZE	OPERATION							
			FILTER		B'KWASH		DRAIN		FILL	
1	MAIN DRAIN	6"	●	●	●	●	●	●	●	●
2	PUMP ISOLATION (DISCHARGE)	4"	●	●	●	●	●	●	●	●
3	FILTER	4"	●	●	●	●	●	●	●	●
4	BACKWASH	4"	●	●	●	●	●	●	●	●
5	RETURN	4"	●	●	●	●	●	●	●	●
6	WASTE	4"	●	●	●	●	●	●	●	●
7	RETURN ISOLATION	4"	●	●	●	●	●	●	●	●

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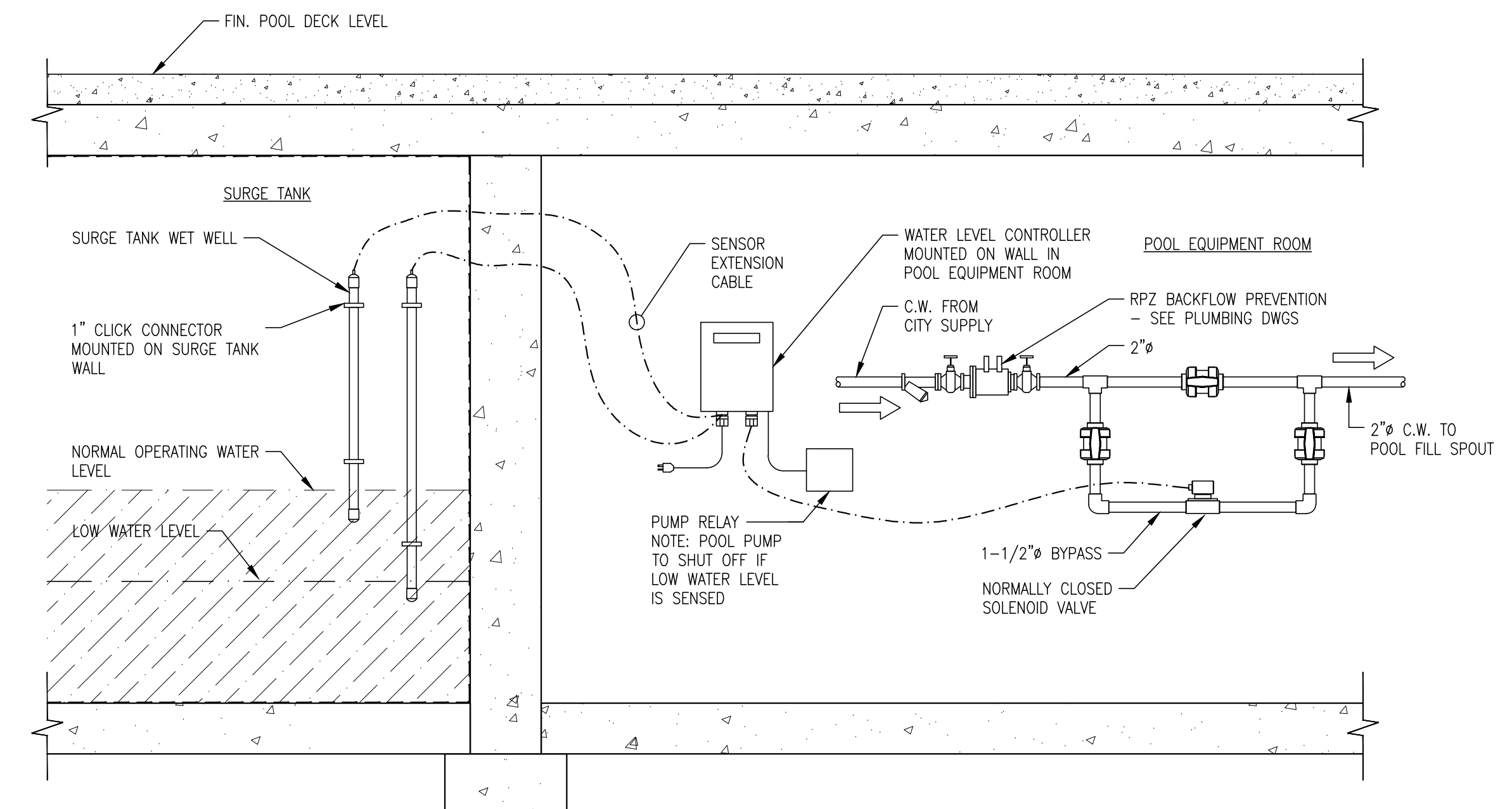
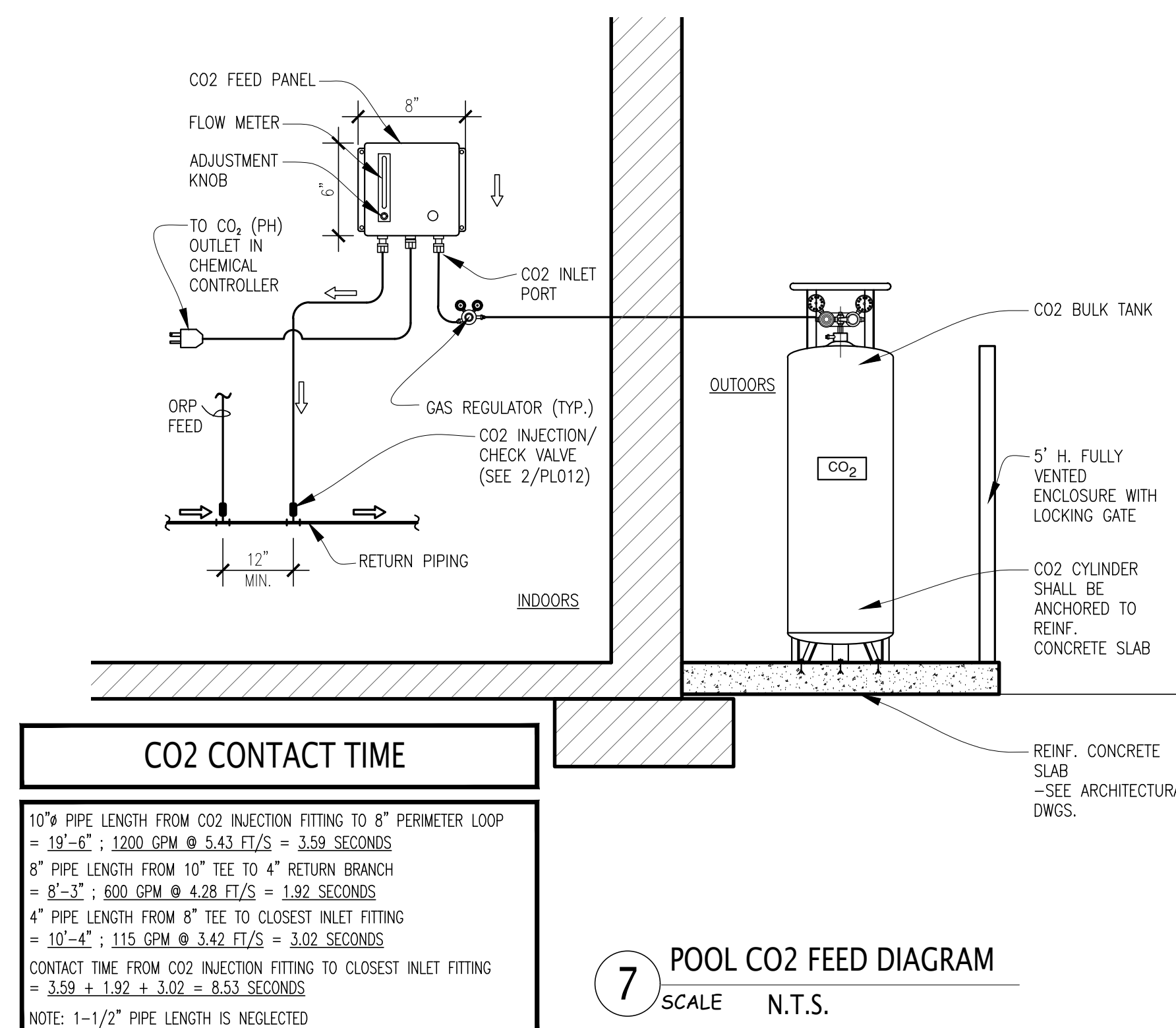
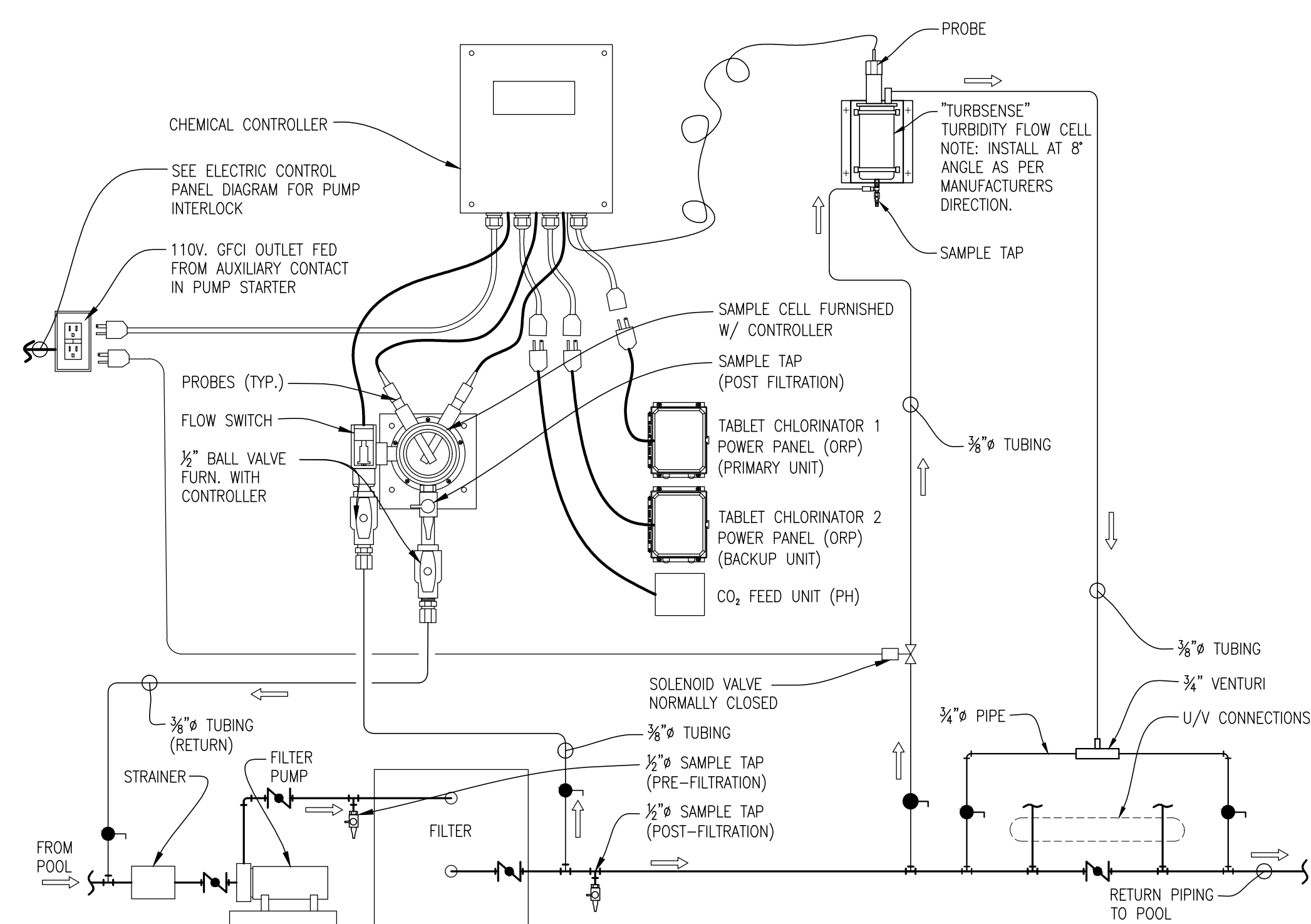
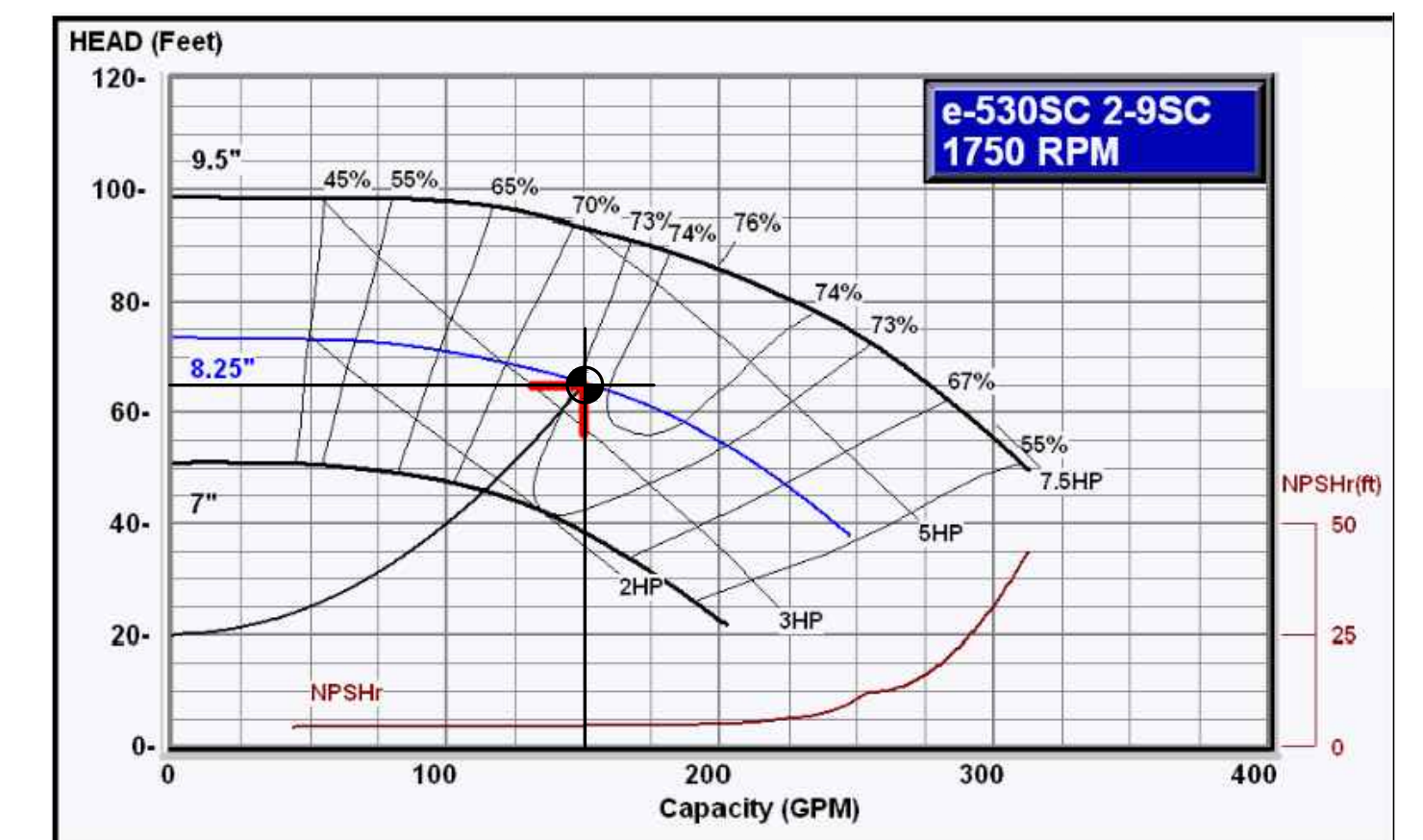
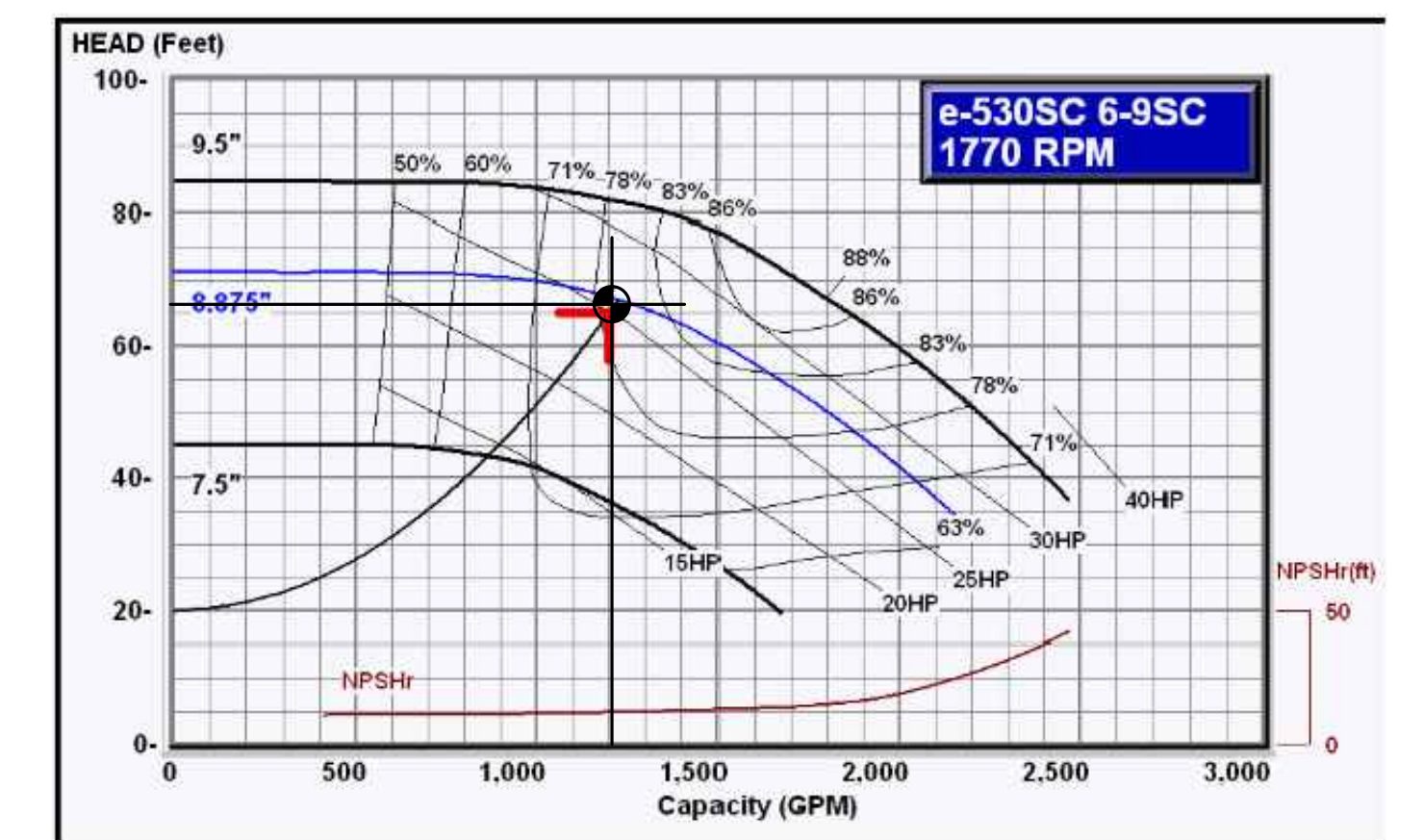
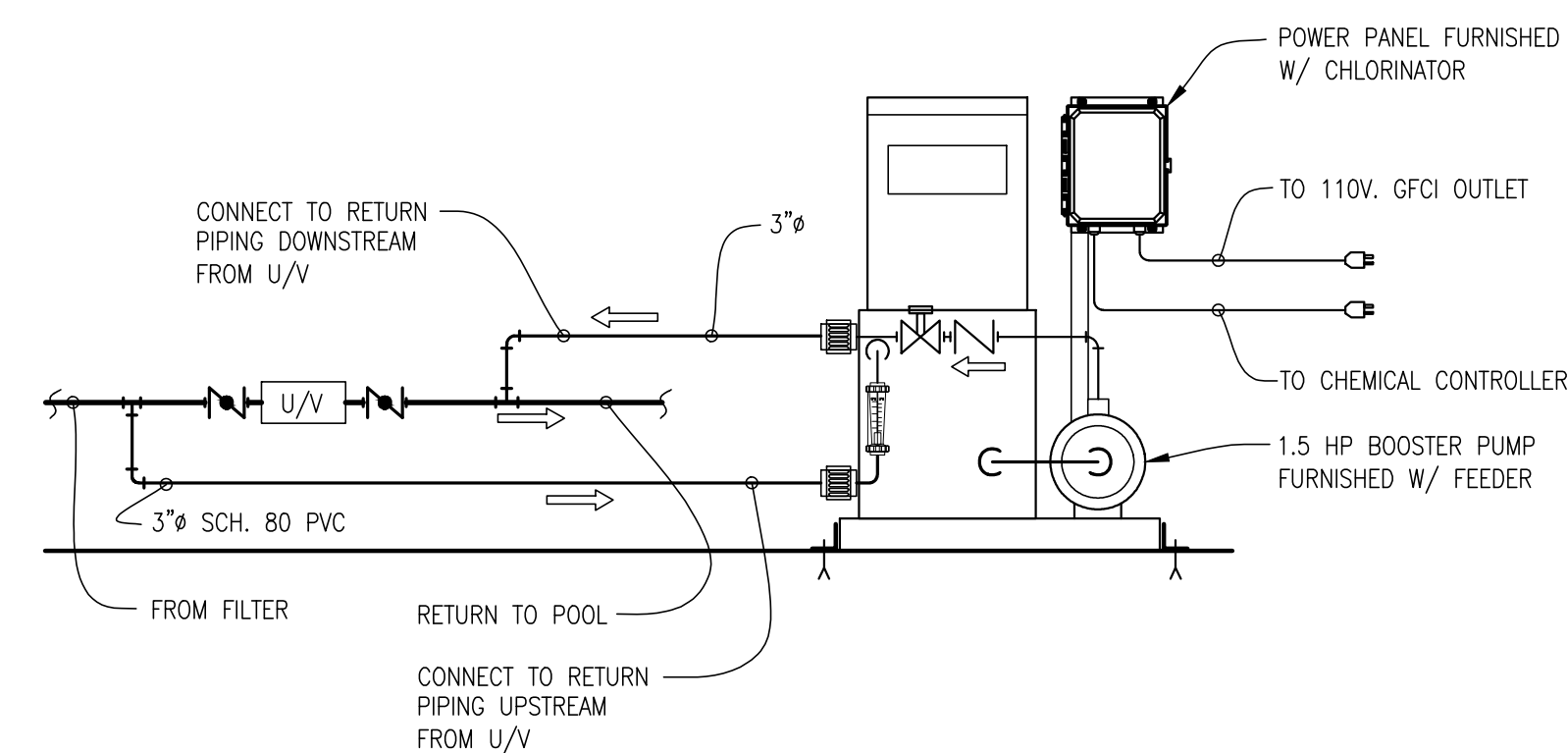
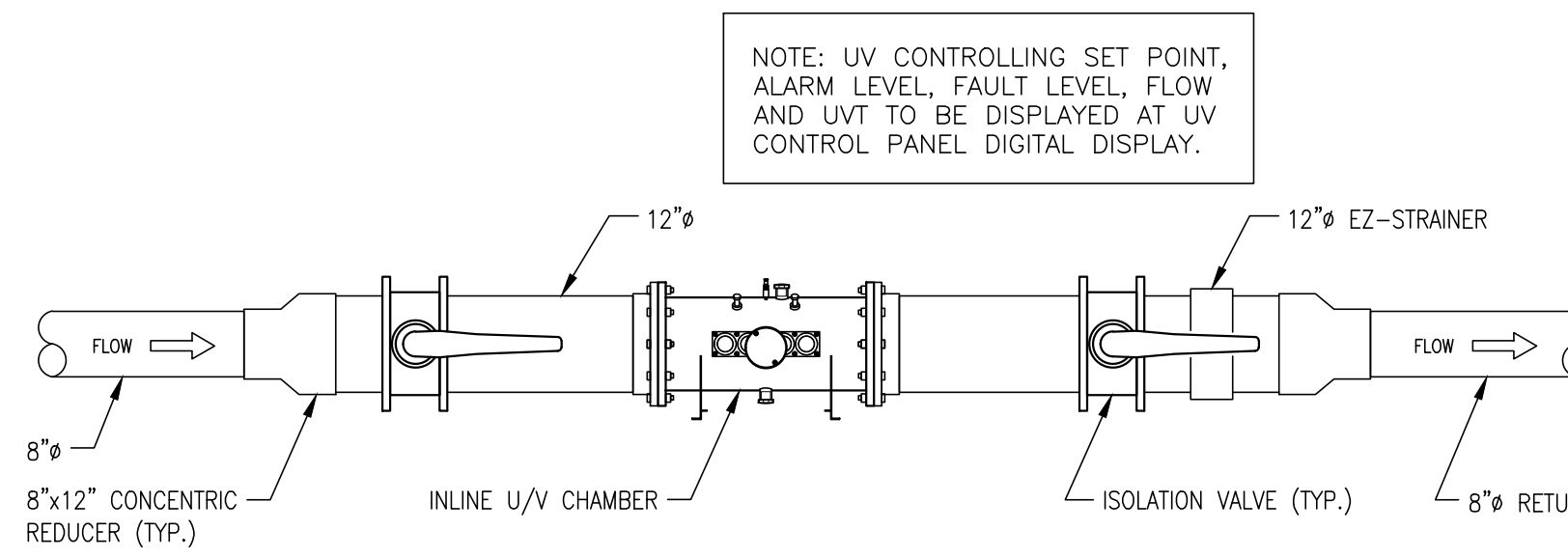
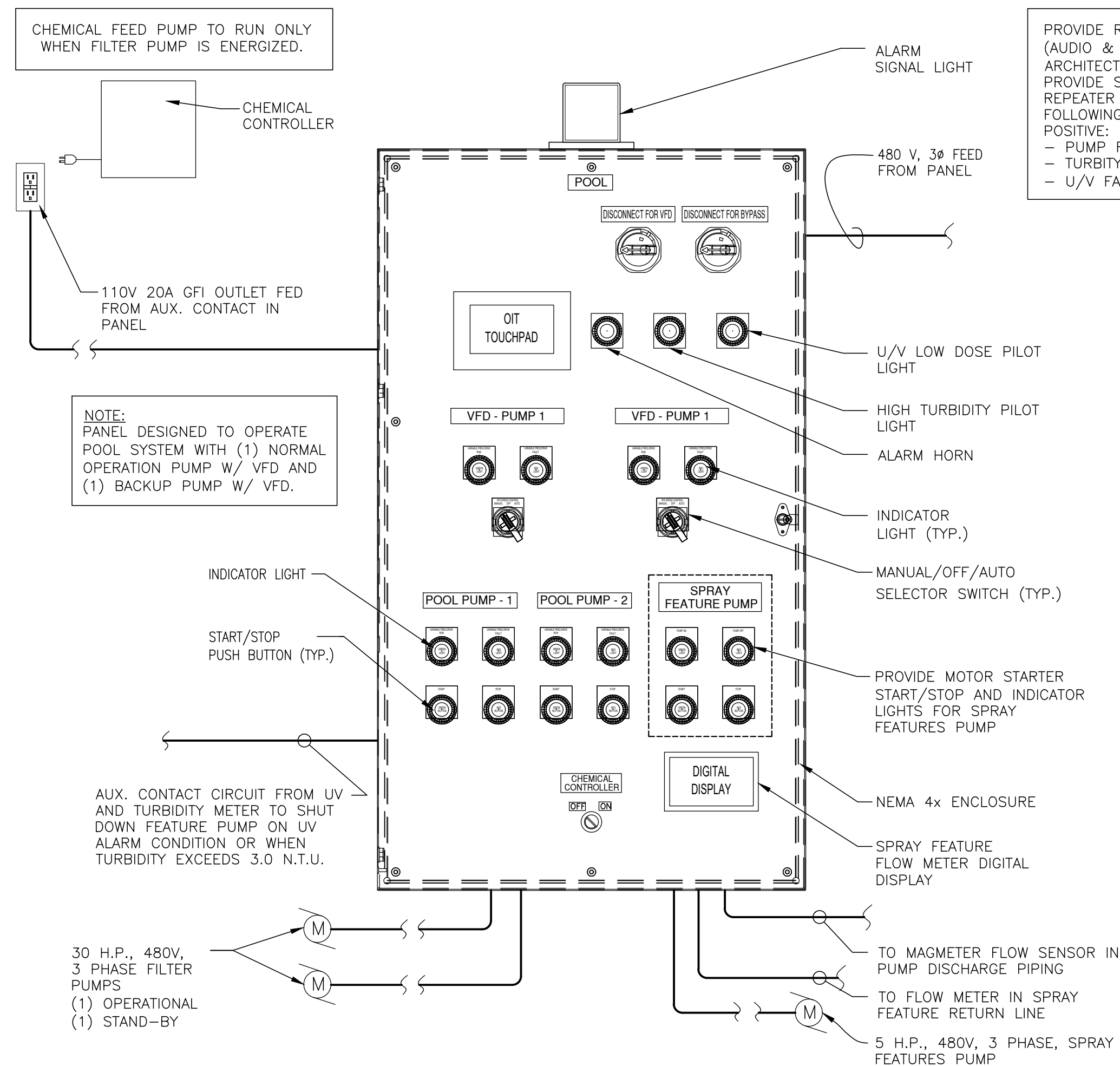
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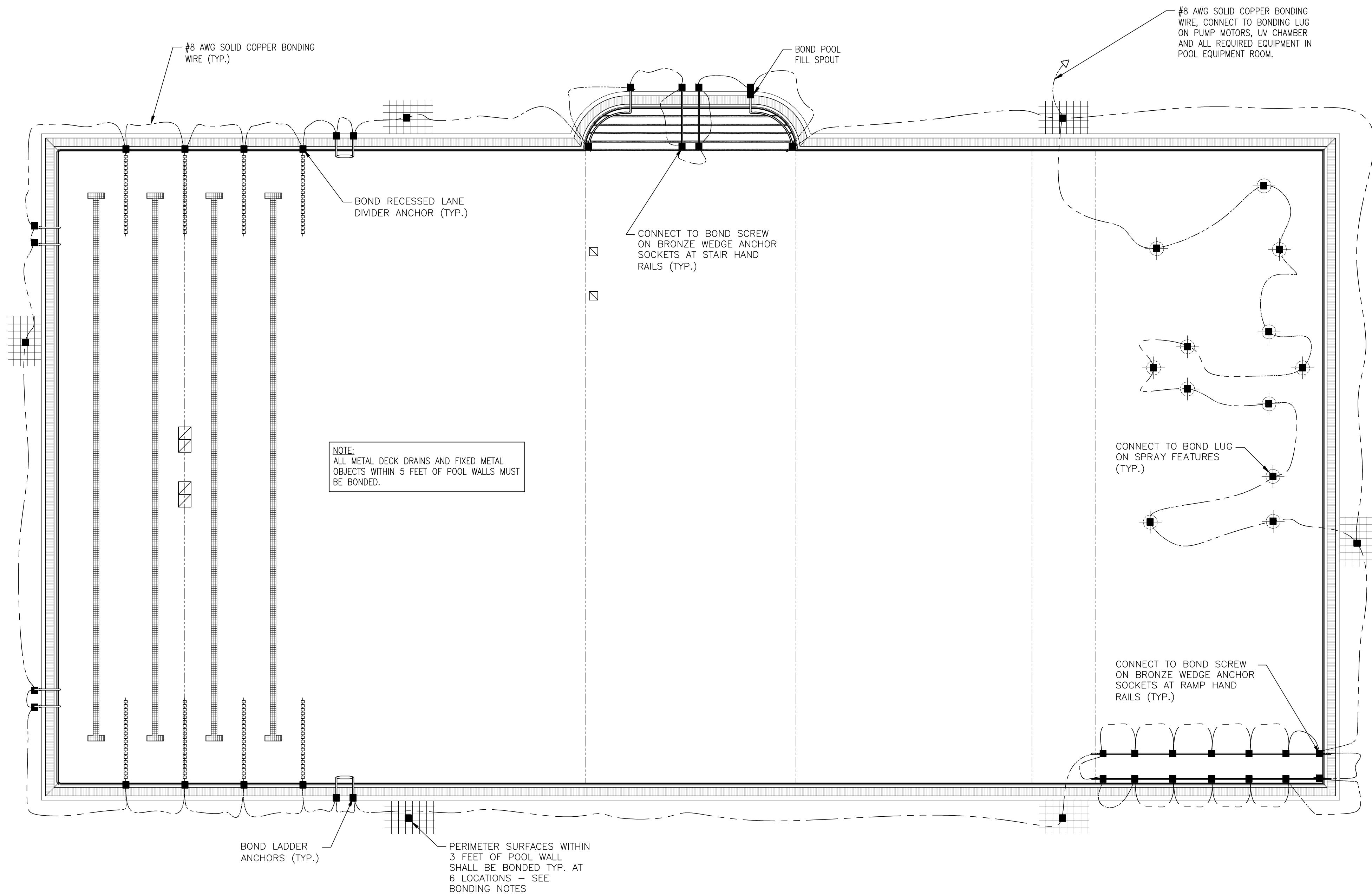
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WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING	
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK POOL FILTRATION EQUIPMENT SCHEMATICS AND VALVE SCHEDULES	
CONTRACT NUMBER 20-504	SHEET NUMBER PL-014
SHEET NO. 194 OF 201	
SCALE: AS NOTED DATE: NOVEMBER 10, 2020	
DPW FILE NO. 1-19-S-551	REV. NO. 0









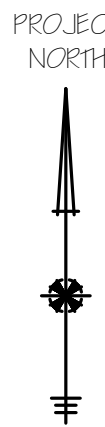
1 POOL BONDING PLAN  
SCALE 1/8" = 1'-0"

## BONDING NOTES

- SWIMMING POOL SHALL BE BONDED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH NEC ARTICLE 680.26 AND ALL APPLICABLE STATE & LOCAL CODES.
  - GROUNDING CONDUCTOR AND BONDING JUMPERS SHALL BE CONNECTED BY EXOTHERMIC WELDING, LISTED PRESSURE CONNECTORS, LISTED CLAMPS, OR OTHER LISTED MEANS. CONNECTION DEVICES OR FITTINGS THAT DEPEND SOLELY ON SOLDER SHALL NOT BE USED. SHEET METAL SCREWS SHALL NOT BE USED TO ATTACH CONNECTION DEVICES TO ENCLOSURES.
  - THE FOLLOWING PARTS SHALL BE BONDED TOGETHER:
    - METALLIC STRUCTURAL COMPONENTS
    - UNDERWATER LIGHTING: ALL METAL FORMING SHELLS AND MOUNTING BRACKETS OF NO-NICHE LUMINAIRES SHALL BE BONDED. **EXCEPTION:** LISTED LOW-VOLTAGE LIGHTING SYSTEMS WITH NONMETALLIC FORMING SHELLS SHALL NOT REQUIRE BONDING.
    - METAL FITTINGS (ANY DIMENSION GREATER THAN 4" AND PROJECTING MORE THAN 1" INTO POOL)
    - ELECTRICAL EQUIPMENT (POOL PUMPS, ELECTRIC MOTORS FOR POOL COVERS, ETC.)
    - METAL WIRING METHODS & EQUIPMENT- METAL SHEATHED CABLES & RACEWAYS, METAL PIPING, AND ALL FIXED METAL PARTS NOT SEPARATED FROM THE POOL BY A PERMANENT BARRIER (WITHIN 5 FT. HORIZONTALLY OF THE INSIDE POOL WALL, AND 12 FT. VERTICALLY ABOVE MAX. WATER LEVEL)
  - THE PARTS SPECIFIED (ABOVE) IN 680.26(B) SHALL BE CONNECTED TO A COMMON BONDING GRID. THE COMMON BONDING GRID SHALL BE PERMITTED TO BE ANY OF THE FOLLOWING:
    - A BOLTED OR WELDED METAL POOL.
    - A SOLID COPPER CONDUCTOR, INSULATED, COVERED, OR BARE, NOT SMALLER THAN #8 AWG
    - RIGID METAL CONDUIT OR INTERMEDIATE METAL CONDUIT OF BRASS OR OTHER IDENTIFIED CORROSION-RESISTANT METAL CONDUIT.
  - CONDUCTIVE POOL SHELLS: BONDING TO CONDUCTIVE POOL SHELLS SHALL BE PROVIDED AS SPECIFIED IN ITEM 1.1 OR 1.2. POURED CONCRETE, PNEUMATICALLY APPLIED OR SPRAYED CONCRETE, AND CONCRETE BLOCK WITH PAINTED OR PLASTERED COATINGS SHALL BE CONSIDERED TO BE CONDUCTIVE MATERIALS BECAUSE OF THEIR WATER PERMEABILITY AND POROSITY. VINYL LINERS AND FIBERGLASS COMPOSITE SHELLS SHALL BE CONSIDERED TO BE NONCONDUCTIVE MATERIALS.
  - STRUCTURAL REINFORCING STEEL: UNENCAPSULATED STRUCTURAL REINFORCING STEEL SHALL BE BONDED TOGETHER BY STEEL TIE WIRES OR THE EQUIVALENT. WHERE STRUCTURAL REINFORCING STEEL IS ENCAPSULATED IN A NONCONDUCTIVE COMPOUND, A COPPER CONDUCTOR GRID SHALL BE INSTALLED IN ACCORDANCE WITH 680.26 ITEM 1.2.
  - COPPER CONDUCTOR GRID: A COPPER CONDUCTOR GRID SHALL BE PROVIDED AND SHALL COMPLY WITH THE FOLLOWING:
    - BE CONSTRUCTED OF MINIMUM 8 AWG BARE SOLID COPPER CONDUCTORS BONDED TO EACH OTHER AT ALL POINTS OF CROSSING.
    - CONFORM TO THE CONTOUR OF THE POOL AND THE POOL DECK
    - BE ARRANGED IN A 12-IN. BY 12-IN. NETWORK OF CONDUCTORS IN A UNIFORMLY SPACED PERPENDICULAR GRID PATTERN WITH A TOLERANCE OF 4 IN.
    - BE SECURED WITHIN OR UNDER THE POOL NO MORE THAN 6 IN. FROM THE OUTER CONTOUR OF THE POOL SHELL.
  - PERIMETER SURFACES: THE PERIMETER SURFACE SHALL EXTEND FOR 3 FEET HORIZONTALLY BEYOND THE INSIDE WALLS OF THE POOL AND SHALL INCLUDE UNPAVED SURFACES, POURED CONCRETE AND OTHER TYPES OF PAVING. BONDING TO PERIMETER SURFACES SHALL BE PROVIDED AS SPECIFIED IN 680.26(B)(2)(a) OR (2)(b) AND SHALL BE ATTACHED TO THE POOL, SPA, OR HOT TUB REINFORCING STEEL OR COPPER CONDUCTOR GRID AT A MINIMUM OF FOUR POINTS UNIFORMLY SPACED AROUND THE PERIMETER OF THE POOL, SPA, OR HOT TUB. FOR NONCONDUCTIVE POOL SHELLS, BONDING AT FOUR POINTS SHALL NOT BE REQUIRED.
  - POOL WATER: THE POOL WATER SHALL BE INTENTIONALLY BONDED BY MEANS OF A CONDUCTIVE SURFACE AREA NOT LESS THAN 9 SQUARE INCHES INSTALLED IN CONTACT WITH THE POOL WATER. THIS BOND SHALL BE PERMITTED TO CONSIST OF PARTS THAT ARE REQUIRED TO BE BONDED IN 680.26(B).
  - EXTEND BONDING WIRE TO MECHANICAL/FILTER EQUIPMENT ROOM AND CONNECT TO BOND LUG ON POOL PUMP MOTOR(S), AND METAL FILTER TANK(S) WHEN APPLICABLE.
- NOTE:**  
A #8 AWG SOLID COPPER BONDING CONDUCTOR PROVIDED TO REDUCE VOLTAGE GRADIENTS IN THE POOL AREA SHALL NOT BE REQUIRED TO BE EXTENDED OR ATTACHED TO REMOTE PANELBOARDS, SERVICE EQUIPMENT OR ELECTRODES.

## ELECTRICAL NOTES

- THE POOL ELECTRICAL SYSTEM, INCLUDING UNDERWATER LIGHT FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE ARTICLE 680.
- SEE BUILDING ELECTRICAL DRAWINGS FOR LOCATION OF JUNCTION BOXES, SWITCHES, TRANSFORMERS, CIRCUITING, PANELS, ETC.
- WIRE CORD LENGTH FOR EACH LIGHT FIXTURE TO BE DETERMINED PRIOR TO ORDER.
- THE ELECTRICAL CONTRACTOR SHALL GROUND AND BOND THE POOL, METALLIC POOL ACCESSORIES AND PIPING, AND ALL ELECTRICAL EQUIPMENT IN ACCORDANCE WITH THE BONDING NOTES FOUND WITHIN THIS DRAWING SET AND WITH N.E.C. ARTICLE 680.
- LIGHTING AND OTHER ELECTRICAL CIRCUITS IN THE POOL AREA MUST HAVE GROUND FAULT AND THERMAL PROTECTION AS REQUIRED BY ALL APPLICABLE CODES. ALL OUTLETS IN THE IMMEDIATE POOL AREA WILL BE TESTED BY WCDOH AT THE TIME OF FINAL INSPECTION.
- PUMP AND ELECTRICAL CONTROL SHALL BE FURNISHED BY THE POOL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL DISCONNECT, WIRE, CONDUIT, ETC.. AND MAKE ALL CONNECTIONS. POOL CONTRACTOR TO FURNISH ELECTRICAL CONTROL PANEL.
- DEFECTS IN THE ELECTRICAL SYSTEM, INCLUDING UNDERWATER LIGHTS, OVERHEAD LIGHTS AND THEIR RESPECTIVE LENSES, SHALL BE IMMEDIATELY REPAIRED.
- PORTABLE ELECTRIC DEVICES, SUCH AS ANNOUNCING SYSTEMS AND RADIOS WITHIN THE REACH OF BATHERS, SHALL BE PROHIBITED.
- UNDERWATER LIGHTS SHALL ALLOW AN OBSERVER ON THE POOL DECK TO CLEARLY SEE ALL PORTIONS OF THE POOL, INCLUDING THE BOTTOM.
- NO OVERHEAD ELECTRICAL WIRING SHALL PASS WITHIN 20 FEET HORIZONTALLY OF THE SWIMMING POOL.
- THE ELECTRICAL SUBCONTRACTOR SHALL OBTAIN AN UNDERWRITER'S CERTIFICATE FOR THE POOL STRUCTURE AND POOL DECK REBAR BONDING WHICH IS TO BE FURNISHED TO THE WCDOH PRIOR TO THEIR INITIAL INSPECTION. AT THE CONCLUSION OF THE PROJECT, A FINAL UNDERWRITERS CERTIFICATE FOR ALL POOL RELATED ELECTRICAL WORK, INCLUDING GFCI RECEPTACLES IN BATHROOMS AND ALL AREAS SERVING POOL PATRONS, SHALL BE FURNISHED TO THE WCDOH PRIOR TO THEIR FINAL INSPECTION.



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TITLE		TITLE	

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>PL-016</b>
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK		SHEET NO. <b>196</b> OF <b>201</b>	
POOL BONDING PLAN & NOTES		SCALE: <b>AS NOTED</b> DATE: <b>NOVEMBER 10, 2020</b>	REV. NO. <b>0</b>
		DPW FILE NO. <b>1-19-S-553</b>	



GENERAL NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND DIMENSIONS BEFORE BID SUBMISSION AND COMMENCING WORK.
2. CONTRACTOR'S PERSONNEL SHALL RESTRICT ACTIVITIES TO THE DESIGNATED WORK AND MOBILIZATION AREAS.
3. HAND POWER TOOLS USED TO DRILL, CUT INTO, OR OTHERWISE DISTURB ASBESTOS-CONTAINING MATERIAL (ACM) SHALL BE MANUFACTURER EQUIPPED WITH HEPA-FILTERED LOCAL EXHAUST VENTILATION, PER APPLICABLE REGULATIONS.
4. CONTRACTOR SHALL PROVIDE AS MANY SHIFTS OF CERTIFIED HANDLERS AND SUPERVISORS AS WILL BE NECESSARY TO COMPLETE THE PROJECT IN THE AMOUNT OF TIME SPECIFIED IN THE CONTRACT DOCUMENTS.
5. ALL PENETRATIONS THROUGH EXTERIOR WALLS INCLUDING, BUT NOT LIMITED TO, PIPES, DUCTS, AND CONDUITS AS REQUIRED BY THE FIELD CONDITIONS SHALL BE LOCATED AND SEALED WITH NON-ACM FIRESTOPPING MATERIALS BY THE CONTRACTOR PRIOR TO ABATEMENT.
6. THE CONTRACTOR SHALL PROVIDE THE BEST AVAILABLE TECHNOLOGY AND STATE-OF-THE-ART PROCEDURES AND METHODS PER APPLICABLE REGULATIONS OF EXECUTION FOR ASBESTOS REMOVAL, CLEANUP, DISPOSAL AND SAFETY.
7. THE CONTRACTOR'S ELECTRICIAN AND/OR PLUMBER SHALL CONFIRM ALL UTILITIES PASSING THROUGH THE WORK AREAS HAVE BEEN DISCONNECTED.
8. THE CONTRACTOR SHALL APPLY FOR A SITE SPECIFIC VARIANCE, IF NEEDED.
9. EVERY EFFORT HAS BEEN MADE BY THE OWNER TO LOCATE ALL ACM IN EACH AREA OF WORK WITHIN EACH BUILDING. THE CONTRACTOR IS RESPONSIBLE FOR VISITING THE JOB SITE AND DETERMINING THE EXACT QUANTITIES OF ACM TO BE REMOVED.
10. THE OWNER HAS INSPECTED AND IDENTIFIED MATERIALS WHICH WERE OBSERVABLE AND ACCESSIBLE TO THE SURVEY TEAM. IN THE EVENT THAT CONCEALED SUSPECT ACM NOT INCLUDED IN THE CONTRACT DOCUMENTS IS ENCOUNTERED, THE ENGINEER AND OWNER SHALL BE NOTIFIED IMMEDIATELY.
11. CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY UTILITIES INCLUDING WATER, TOILET FACILITIES, POWER AND ELECTRICITY TO CONFORM WITH ALL PERTINENT FEDERAL, STATE AND LOCAL CODES. A LICENSED ELECTRICIAN AND/OR PLUMBER SHALL PROVIDE ALL CONNECTIONS.
12. THE ABATEMENT AND DEMOLITION WORK UNDER THIS CONTRACT MAY EXTEND DURING THE RAINY AND WINTER SEASON. THE CONTRACTOR SHALL PROVIDE ENOUGH SITE FACILITIES EQUIPPED WITH HEATING SYSTEM TO ACCOMMODATE ALL HIS WORKERS ON-SITE.
13. THE GENERAL SEQUENCE OF THE ACM REMOVAL OPERATION SHALL BE FROM MOST FRIABLE TO LEAST FRIABLE MATERIALS.
14. ACM SHALL NOT BE DROPPED UNDER ANY CIRCUMSTANCES FROM ANY HEIGHT. AN ENCLOSED MECHANICAL HOIST OR EQUIVALENT SHALL BE USED TO LOWER AND RAISE THE ACM.
15. THE CONTRACTOR SHALL FIELD LOCATE AIR FILTRATION DEVICES (AFDs) AS NECESSARY FOR THE COMPLETION OF HIS WORK.
16. THE CONTRACTOR SHALL ESTABLISH ONE (1) DECONTAMINATION ENCLOSURE SYSTEM CONTIGUOUS TO EACH WORK AREA UNDER FULL CONTAINMENT. DECONTAMINATION ENCLOSURES SHALL BE ATTACHED DIRECTLY TO THE ACTIVE WORK AREA AND POSITIONED TO FACILITATE WASTE LOAD OUT. THE CONTRACTOR SHALL FIELD LOCATE DECONTAMINATION ENCLOSURE SYSTEM AS NECESSARY FOR THE PERFORMANCE OF THE WORK. THE WASTE HOLDING AREA SHALL BE SUFFICIENT ENOUGH TO HOLD ALL ACCUMULATED ACM WASTE PRIOR TO DISPOSAL. ALL DECONTAMINATION ENCLOSURE SYSTEMS SHALL BE FULLY FRAMED AND HARD-WALL SHEATHED FOR SAFETY AND SECURITY.
17. THE CONTRACTOR SHALL UTILIZE REMOTE DECONTAMINATION ENCLOSURE SYSTEMS FOR ABATEMENT ACTIVITIES OCCURRING ON EXTERIOR AREAS. THE REMOTE DECONTAMINATION ENCLOSURE SYSTEMS SHALL BE LOCATED WITHIN 25 FEET OF THE WORK AREA. THE WASTE HOLDING AREA SHALL BE SUFFICIENT ENOUGH TO HOLD ALL ACCUMULATED ACM WASTE PRIOR TO DISPOSAL. ALL DECONTAMINATION ENCLOSURE SYSTEMS SHALL BE FULLY FRAMED AND HARD-WALL SHEATHED FOR SAFETY AND SECURITY.
18. ALL DIMENSIONS INDICATED ON THE DRAWINGS ARE APPROXIMATE. THE INFORMATION PROVIDED HEREIN IS BASED ON AVAILABLE RECORDS AND LIMITED FIELD INSPECTIONS AND SHALL SERVE TO AID THE CONTRACTOR IN THE EVALUATION OF EXISTING STRUCTURE CONDITIONS, BUT SHALL NOT BE HELD TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTING THE STRUCTURE AND ASSOCIATED SITE CONDITIONS TO BECOME FAMILIAR WITH AND VERIFY EXISTING CONDITIONS PRIOR TO SUBMISSION OF BIDS, AND SHALL MAKE NO ADDITIONAL CLAIMS REGARDING SITE CONDITIONS THEREAFTER.
19. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL APPLY FOR AND OBTAIN ALL APPLICABLE PERMITS FROM FEDERAL, STATE AND LOCAL REGULATORY AGENCIES NECESSARY TO COMPLETE THE WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ENSURING COMPLIANCE WITH ALL CONDITIONS AND NOTIFICATION REQUIREMENTS OF ISSUED PERMITS.
20. ALL WORK SHALL BE ACCOMPLISHED IN STRICT ADHERENCE TO THE CONTRACT DOCUMENTS AND SPECIFICATIONS, AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. WHENEVER THERE IS A CONFLICT OR OVERLAP OF THE ABOVE REFERENCES, THE MORE STRINGENT PROVISION SHALL APPLY.
21. PRIOR TO DEMOLITION AND/OR RENOVATION, THE CONTRACTOR SHALL PROPERLY REMOVE AND OFF-SITE DISPOSE ALL AFFECTED ASBESTOS AND HAZARDOUS MATERIALS IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS.
22. PRIOR TO ABATEMENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RELOCATION OF ANY AFFECTED UTILITIES AND SERVICES IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS, INCLUDING ALL REQUIRED COORDINATION WITH THE APPROPRIATE UTILITY COMPANIES.
23. THE CONTRACTOR SHALL FIELD VERIFY THE AMOUNT OF ACM TO BE ABATED AND FAMILIARIZE HIMSELF WITH ALL VARIABLE FIELD CONDITIONS BEFORE THE SUBMISSION OF HIS BID AND COMMENCING WORK. IN THE EVENT THAT SUSPECT MATERIALS NOT INCLUDED IN THESE CONTRACT DRAWINGS ARE ENCOUNTERED WHILE THE WORK IS IN PROGRESS, SUCH MATERIAL SHALL BE TESTED AND, IF CONFIRMED AS ACM, REMOVED AS ACM IN ACCORDANCE WITH THE PROCEDURES CONTAINED HEREIN. THE DISCOVERY OF ANY NEW MATERIAL SHALL NOT DELAY THE PROGRESS OF THE WORK.
24. DO NOT UNREASONABLY ENCUMBER THE SITE WITH MATERIALS OR EQUIPMENT. CONFINE ALL THE NECESSARY MATERIALS TO THE AREAS INDICATED BY THE OWNER. THE CONTRACTOR SHALL REMOVE FROM THE SITE, AS QUICKLY AS IT ACCUMULATES, ITEMS OF SALVAGE, RUBBISH, WRECKING DEBRIS AND ASBESTOS DEBRIS.

25. BEFORE STARTING ANY WORK, THE CONTRACTOR SHALL EXAMINE THE TECHNICAL SPECIFICATIONS FOR COMPLIANCE WITH CODES AND REGULATIONS APPLICABLE TO THE WORK AND SHALL IMMEDIATELY REPORT ANY DISCREPANCY TO THE ENGINEER.
26. REMOVAL OF OTHER REGULATED AND/OR HAZARDOUS MATERIAL SHALL BE COORDINATED WITH ASBESTOS ABATEMENT SO AS TO NOT COMMINGLE WASTE STREAMS.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEGREGATION AND DISPOSAL OF HAZARDOUS AND REGULATED WASTE FROM ACM WASTE DURING THE WORK.
28. THE CONTRACTOR IS ADVISED THAT THE WORK OF THE CONTRACT MAY IMPOSE CERTAIN OBLIGATIONS AND REQUIREMENTS MANDATED BY THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION REGULATIONS FOUND AT TITLE 29 CFR 1926.62 (LEAD EXPOSURE IN CONSTRUCTION), RELATIVE TO THE POTENTIAL EXPOSURE TO LEAD BY ITS EMPLOYEES. THE CONTRACTOR ASSUMES ENTIRE RESPONSIBILITY AND LIABILITY FOR COMPLYING FULLY IN ALL RESPECTS WITH THESE REGULATIONS. ADDITIONALLY, IF THE SCOPE OF WORK REQUIRES THE CONTRACTOR TO SCRAPE LOOSE PAINT, THEN THE WASTE GENERATED SHALL BE ANALYZED FOR APPROPRIATE WASTE DISPOSAL.
29. THE HAZARDOUS MATERIAL WORK LISTED HEREIN SHOULD BE COORDINATED WITH THE DEMOLITION AND ARCHITECTURAL DRAWINGS.
30. THE CONTRACTOR SHALL MANAGE ASBESTOS-CONTAINING MATERIALS IN ACCORDANCE WITH SPECIFICATION SECTION 02 82 13 (ASBESTOS REMOVAL) AND ALL OTHER HAZARDOUS MATERIALS IN ACCORDANCE WITH SPECIFICATION SECTION 02 83 00 (HAZARDOUS MATERIALS REMOVAL).
31. LEAD IN PAINT ANALYTICAL RESULTS ARE SUMMARIZED IN THE HAZARDOUS MATERIALS ASSESSMENT REPORT. SEE SECTION 02 83 00 (HAZARDOUS MATERIALS REMOVAL) REGARDING MANAGEMENT.
32. FOR BIDDING PURPOSES, THE CONTRACTOR SHALL ASSUME THAT ALL PAINT CHIPS GENERATED DURING THE WORK SHALL BE MANAGED AS HAZARDOUS WASTE IN ACCORDANCE WITH 40 CFR 260 THROUGH 268 AND 6 NYCRR 370 THROUGH 376. SEE SECTION 02 83 00 (HAZARDOUS MATERIALS REMOVAL) FOR FURTHER INSTRUCTIONS.
33. THE ABATEMENT CONTRACTOR SHALL COORDINATE WITH THE GENERAL CONTRACTOR TO DETERMINE THE QUANTITY OF STUCCO TO BE REMOVED AROUND EACH OF THE CRACKS AND SPALLS SHOWN ON THESE DRAWINGS. THE GENERAL CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL NECESSARY TESTING (E.G., SOUNDING) TO DETERMINE THE LIMITS OF STUCCO REMOVAL AND COMMUNICATE THOSE LIMITS OF REMOVAL TO THE CONTRACTOR.
34. THE ABATEMENT CONTRACTOR SHALL REMOVE ROOFING MATERIALS NECESSARY TO ALLOW PERFORMANCE OF THE WORK CONTAINED IN THESE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR SHALL COMMUNICATE THE LIMITS OF ROOFING MATERIALS REMOVAL (E.G., IN THE VICINITY OF NEW PENETRATIONS) NECESSARY TO FACILITATE PERFORMANCE OF THE WORK TO THE ABATEMENT CONTRACTOR.

STUCCO REMOVAL FOR REPAIR OF DEFECTS:

1. REMOVAL OF EXTERIOR STUCCO WILL BE REQUIRED TO REPAIR DEFECTS IN THE EXISTING STUCCO FINISH, INCLUDING CRACK REPAIR, SPALL REPAIR AND REPLACEMENT.
2. FOR SCOPE OF REPAIR OF DEFECTS IN THE EXTERIOR STUCCO FINISH, REFER TO THE STRUCTURAL REPAIR DRAWINGS (SR-001 THROUGH SR-115).

STUCCO REMOVAL FOR NEW WORK:

1. REMOVAL OF EXTERIOR STUCCO FINISH WILL BE REQUIRED FOR THE REMOVAL AND INSTALLATION OF BUILDING IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO DOORS, WINDOWS, WALL PENETRATIONS, ETC.
2. FOR SCOPE OF NEW WORK, REFER TO ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS.

SUMMARY OF REGULATED ASBESTOS-CONTAINING MATERIALS				
MATERIAL DESCRIPTION	LOCATION	APPROXIMATE QUANTITY *	ABATEMENT PROCEDURE	
EXTERIOR WALL STUCCO (SEE NOTE 33)	EXTERIOR OF NORTH AND SOUTH VENDOR SPACES AND BEACHFRONT ELEVATION	6,220 SF	FULL CONTAINMENT WITH ATTACHED PERSONAL AND WASTE DECONTAMINATION UNIT	
EXTERIOR CONCRETE PATCH ON BRICK	NORTH VENDOR SPACE, SPACE OF NORTH FACING WALL	5 SF		
WATERPROOFING TAR BENEATH BRICK COPING STONE	EXTERIOR WALL FACING BEACH	112 SF	EXTERIOR PROJECT - REMOVAL OF ACM MATERIALS WITH A REMOTE PERSONAL AND WASTE DECONTAMINATION UNIT	
ROOFING MATERIALS (ASSUMED) (SEE NOTE 34)	ADJACENT SOUTH BUILDING	50 SF	EXTERIOR PROJECT - REMOVAL OF ACM MATERIALS WITH A REMOTE PERSONAL AND WASTE DECONTAMINATION UNIT	

\*THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING THE NECESSARY INVESTIGATION TO DETERMINE THE EXTENT OF REMOVAL REQUIRED PRIOR TO PERFORMING ANY ABATEMENT WORK. REFER TO STRUCTURAL REPAIR DRAWINGS FOR MORE INFORMATION.

SUMMARY OF MATERIALS CONTAINING GREATER THAN 50 PPM PCBs		
WASTE DESCRIPTION	LOCATION	QUANTITY*
EXTERIOR FOUNDATION WALL CAULK	NORTH VENDOR SPACE, SOUTH FACING WALL	40 LINEAR FEET (69 PPM)

SUMMARY OF SUSPECT PCB-CONTAINING ITEMS		
WASTE TYPE	LOCATION	QUANTITY*
BALLASTS	CHLORINE ROOM, SOUTH VENDOR SPACE	4
	WOMEN'S RESTROOM - SLOP SINK ROOM	1
	WOMEN'S LOCKER ROOM - HOT WATER HEATER ROOM	2
	HALL TO POOL FILTRATION ROOM	2
	POOL FILTRATION ROOM	4

SUMMARY OF UNIVERSAL WASTE		
WASTE TYPE	LOCATION	QUANTITY*
FLUORESCENT BULBS	LAMP POSTS, SURROUNDING POOL	7
	CHLORINE ROOM, SOUTH VENDOR SPACE	16
	WOMEN'S RESTROOM - SLOP SINK ROOM	2
	WOMEN'S LOCKER ROOM - HOT WATER HEATER ROOM	4
	HALL TO POOL FILTRATION ROOM	4
	POOL FILTRATION ROOM	8

SUMMARY OF REFRIGERANT-CONTAINING EQUIPMENT		
WASTE DESCRIPTION	LOCATION	QUANTITY*
REFRIGERATION UNITS	NORTH VENDOR SPACE - CONCESSION AREA	8
ICE MACHINE	NORTH VENDOR SPACE - CONCESSION AREA	1

SUMMARY OF CHEMICAL AND PETROLEUM PRODUCTS		
WASTE DESCRIPTION	LOCATION	QUANTITY*
PAINT	SOUTH VENDOR SPACE - VACANT/STORAGE	TWENTY 1-GALLON CONTAINERS
CLEANER/SANITIZER	WOMEN'S RESTROOM - SLOP SINK ROOM	ONE 5-GALLON CONTAINER
FIRE EXTINGUISHERS	NORTH VENDOR SPACE - CONCESSION AREA	1
	WOMEN'S LOCKER ROOM	1
	MEN'S LOCKER ROOM	1



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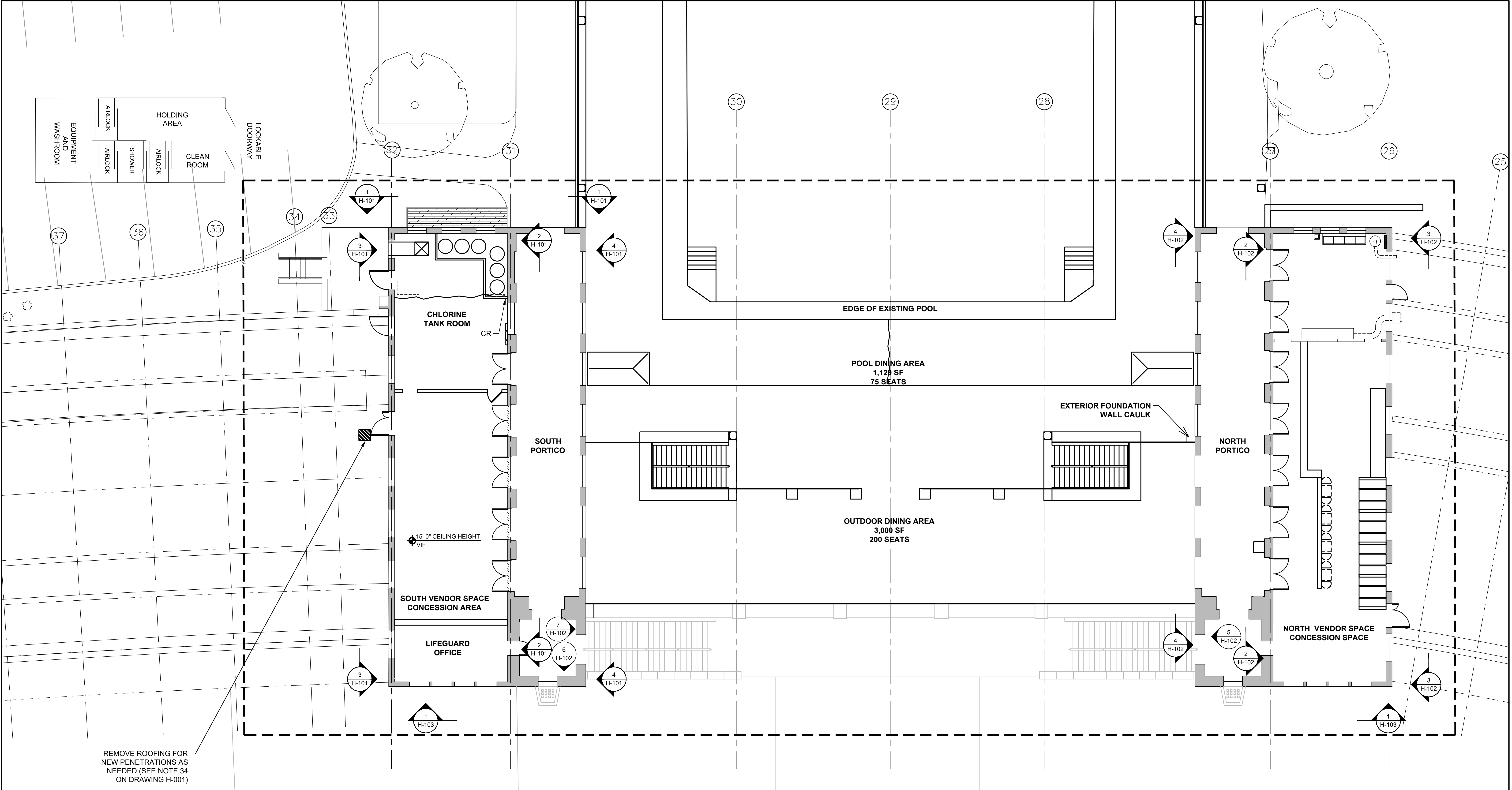
SUMMARY OF REGULATED ASBESTOS-CONTAINING MATERIALS				
MATERIAL DESCRIPTION	LOCATION	APPROXIMATE QUANTITY *	ABATEMENT PROCEDURE	
EXTERIOR WALL STUCCO (SEE NOTE 33)	EXTERIOR OF NORTH AND SOUTH VENDOR SPACES AND BEACHFRONT ELEVATION	6,220 SF	FULL CONTAINMENT WITH ATTACHED PERSONAL AND WASTE DECONTAMINATION UNIT	
EXTERIOR CONCRETE PATCH ON BRICK	NORTH VENDOR SPACE, SPACE OF NORTH FACING WALL	5 SF		
WATERPROOFING TAR BENEATH BRICK COPING STONE	EXTERIOR WALL FACING BEACH	112 SF	EXTERIOR PROJECT - REMOVAL OF ACM MATERIALS WITH A REMOTE PERSONAL AND WASTE DECONTAMINATION UNIT	
ROOFING MATERIALS (ASSUMED) (SEE NOTE 34)	ADJACENT SOUTH BUILDING	50 SF	EXTERIOR PROJECT - REMOVAL OF ACM MATERIALS WITH A REMOTE PERSONAL AND WASTE DECONTAMINATION UNIT	

\*THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING THE NECESSARY INVESTIGATION TO DETERMINE THE EXTENT OF REMOVAL REQUIRED PRIOR TO PERFORMING ANY ABATEMENT WORK. REFER TO STRUCTURAL REPAIR DRAWINGS FOR MORE INFORMATION.

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CONTRACTOR	
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SIGNATURE _____	SIGNATURE _____
TITLE _____ DATE _____	TITLE _____ DATE _____

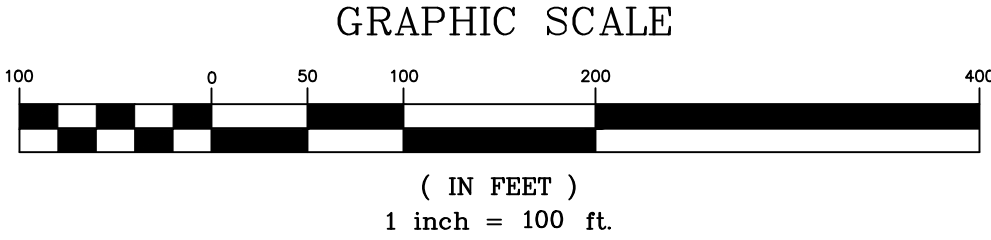
WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING	
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK HAZARDOUS MATERIAL ABATEMENT GENERAL NOTES	
CONTRACT NUMBER 20-504	SHEET NUMBER H-001
SHEET NO. 197 OF 201	
SCALE: AS NOTED DATE: NOVEMBER 10, 2020	
DPW FILE NO. 1-19-G-554	REV. NO. 0





LEGEND

- PERSONAL WASTE DECONTAMINATION UNIT
- ABATEMENT WORK AREA
- ASPHALT ROOF SHINGLES (TOP AND BOTTOM LAYERS) SEE NOTE 34 ON DWG H-001



PROJECT NORTH

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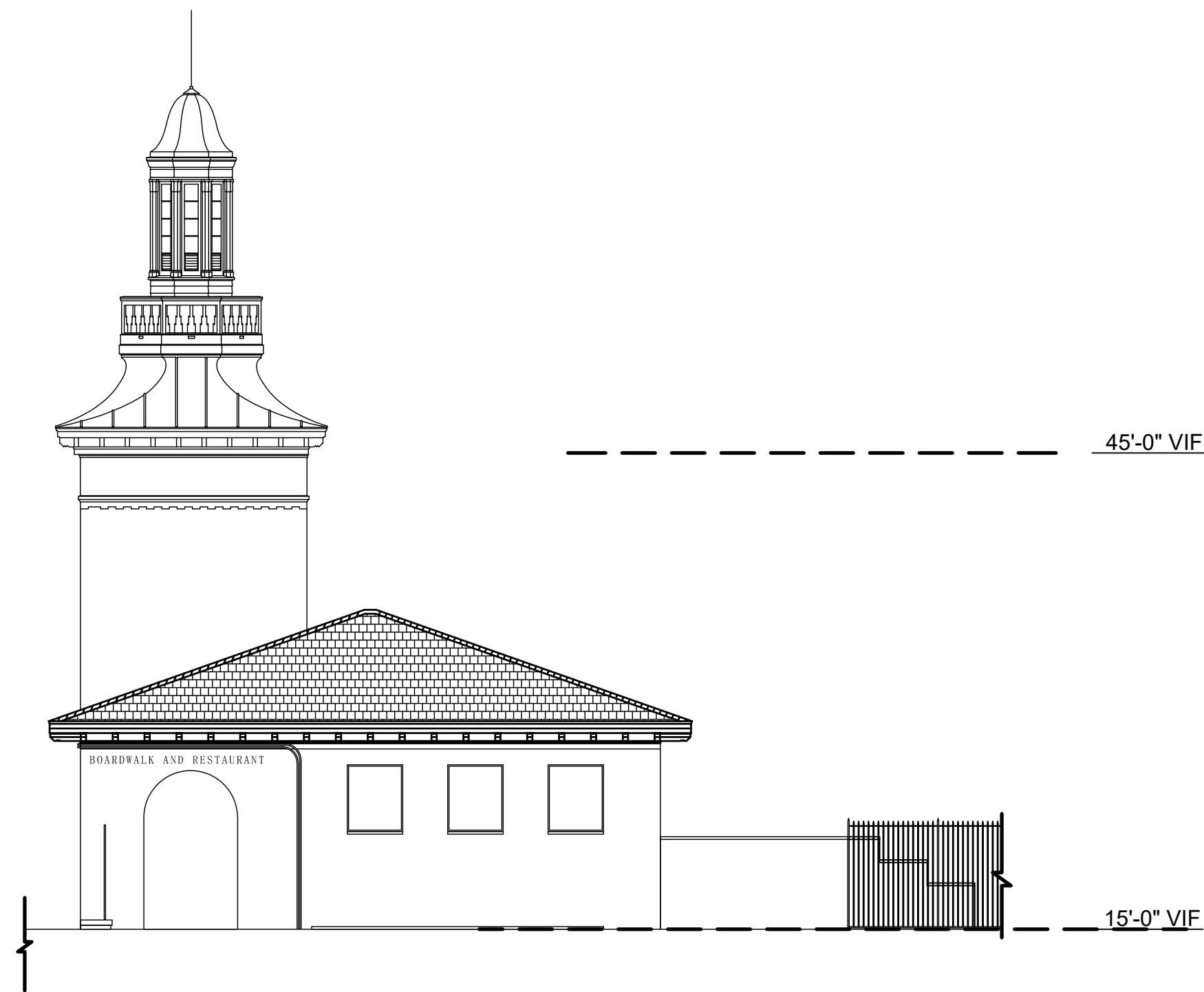
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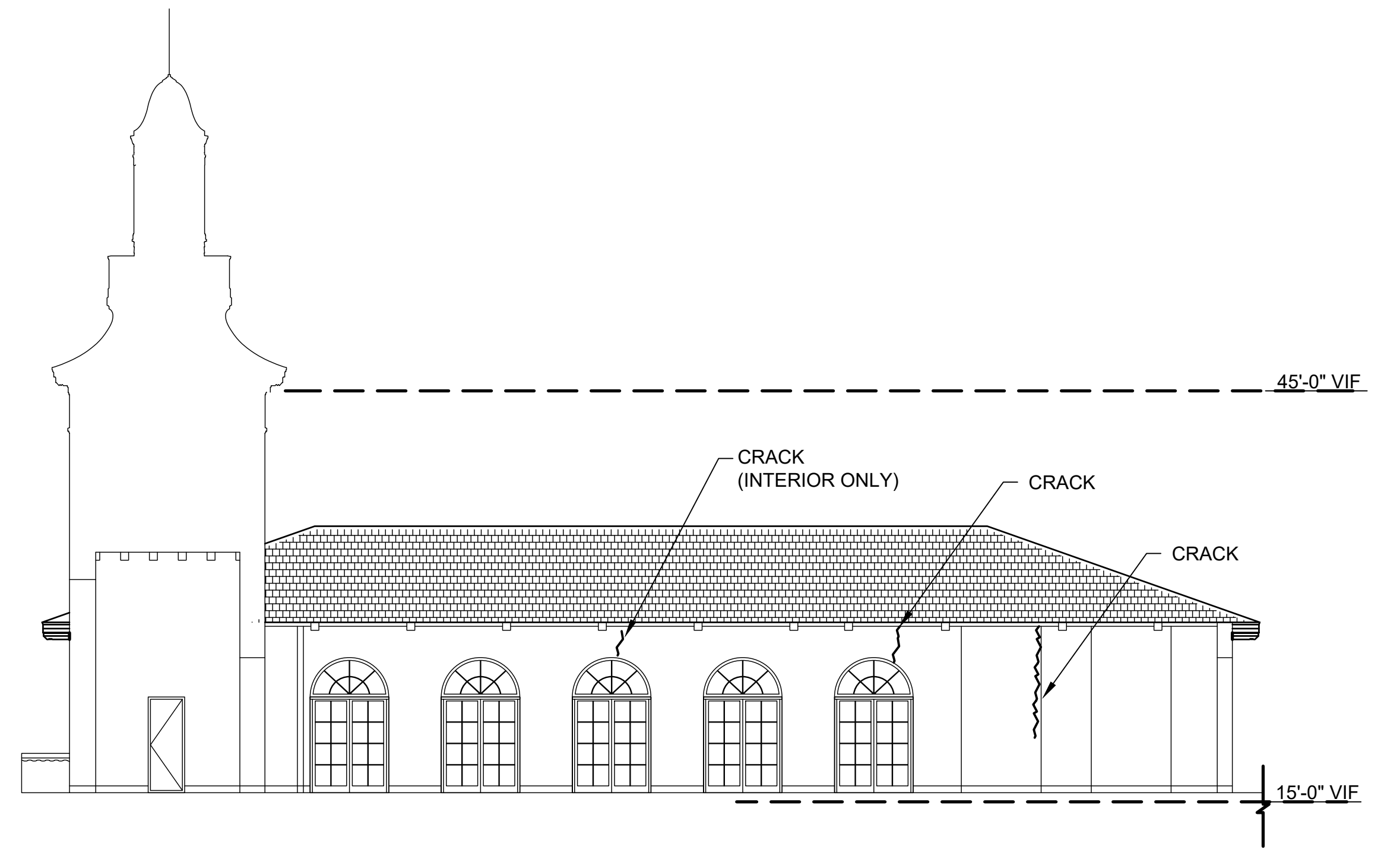
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TITLE _____	TITLE _____	TITLE _____	TITLE _____

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER <b>20-504</b>	SHEET NUMBER <b>H-100</b>
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK HAZARDOUS MATERIAL ABATEMENT POOL DECK LEVEL PLAN		SHEET NO. <b>198</b> OF <b>201</b>	
		SCALE: AS NOTED DATE: <b>NOVEMBER 10, 2020</b>	
		DPW FILE NO. <b>1-19-G-555</b>	REV. NO. <b>0</b>

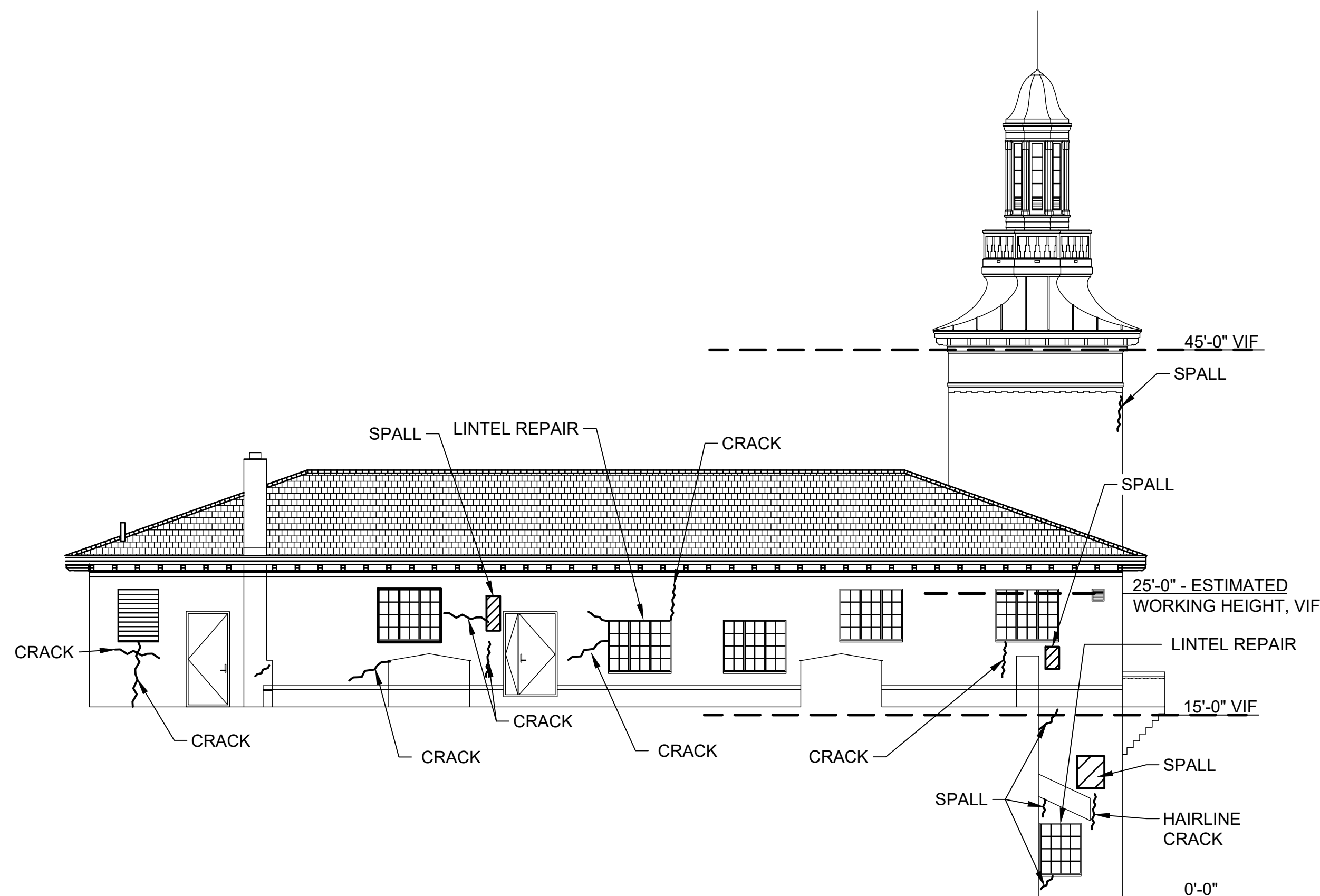




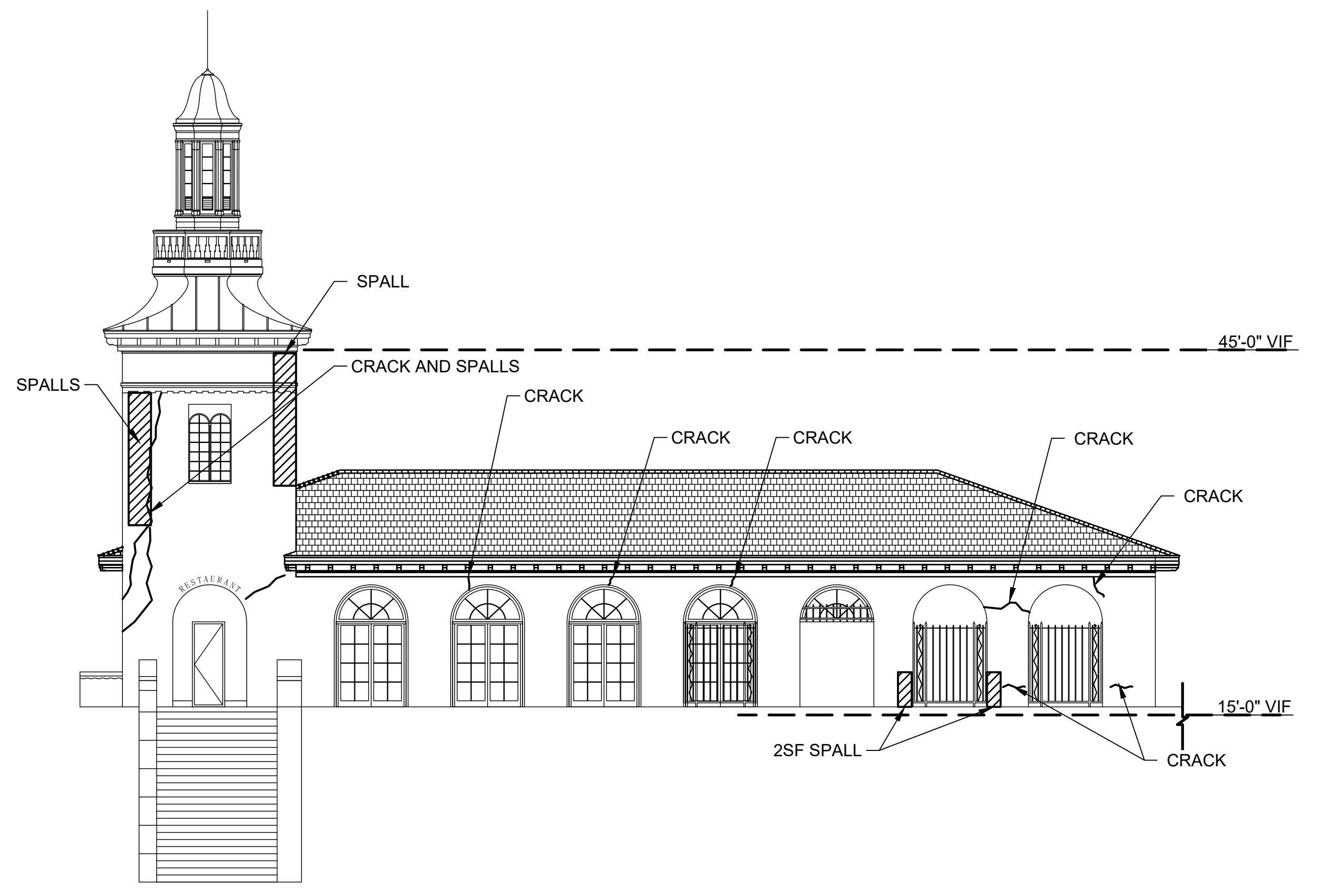
1 SOUTH VENDOR SPACE - WEST ELEVATION



2 SOUTH VENDOR SPACE - NORTH ELEVATION (FROM BREEZEWAY)



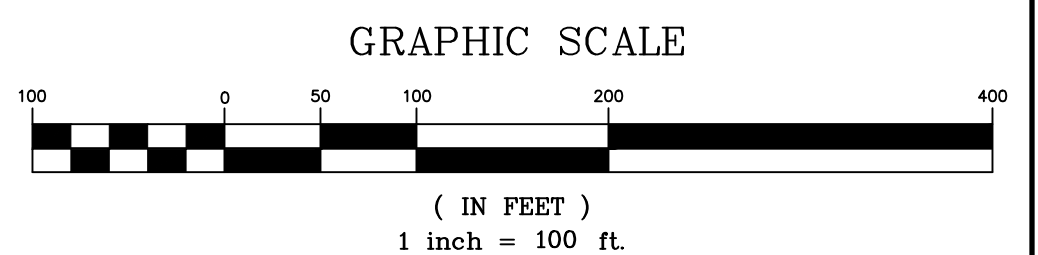
3 SOUTH VENDOR SPACE - SOUTH ELEVATION



4 SOUTH VENDOR SPACE - NORTH ELEVATION (FROM POOL DECK)

LEGEND

STUCCO REMOVAL (IN ADDITION TO THE MATERIAL SHOWN ON THIS SHEET, SEE NOTE 33 ON DWG H-001)



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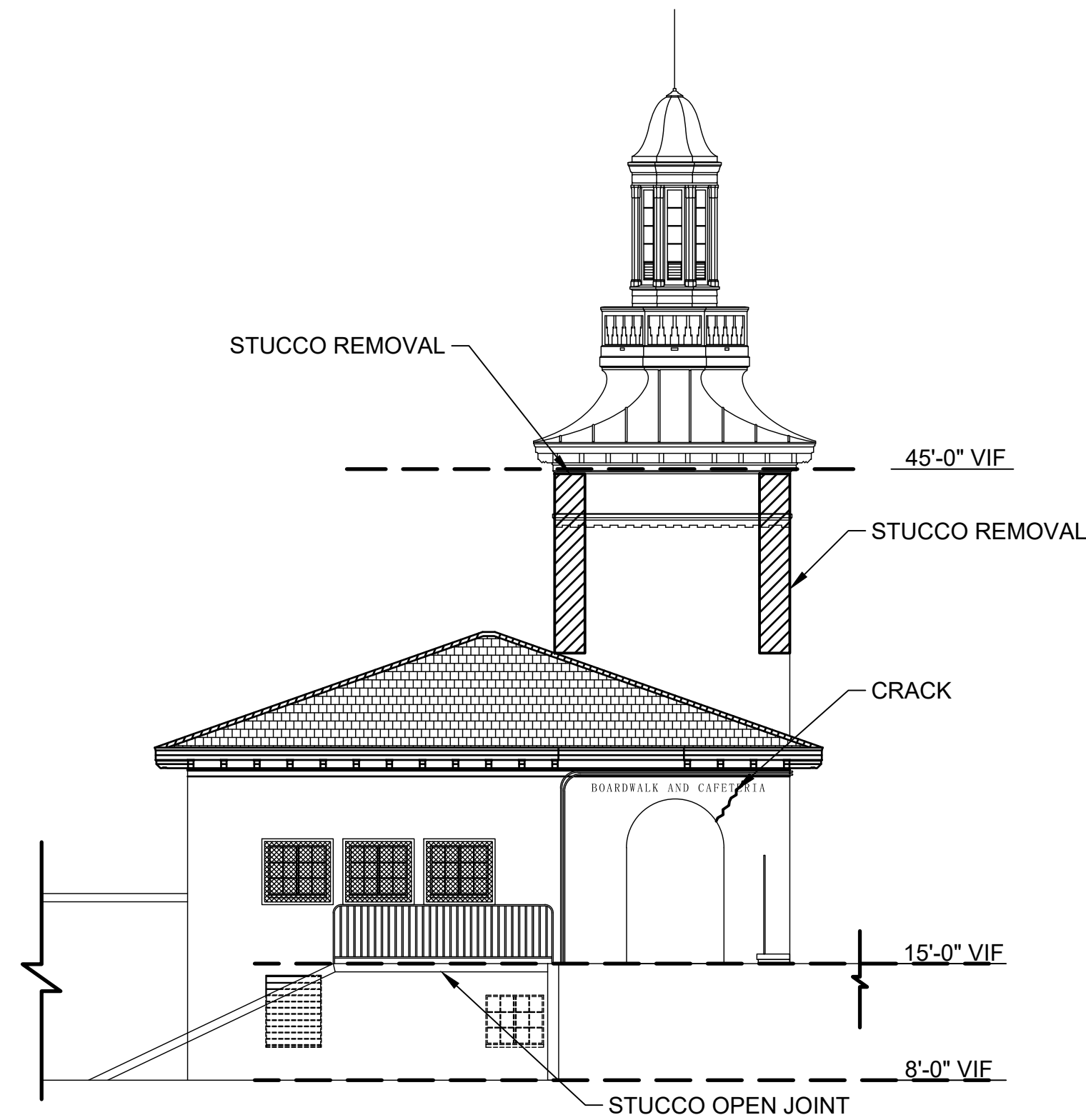
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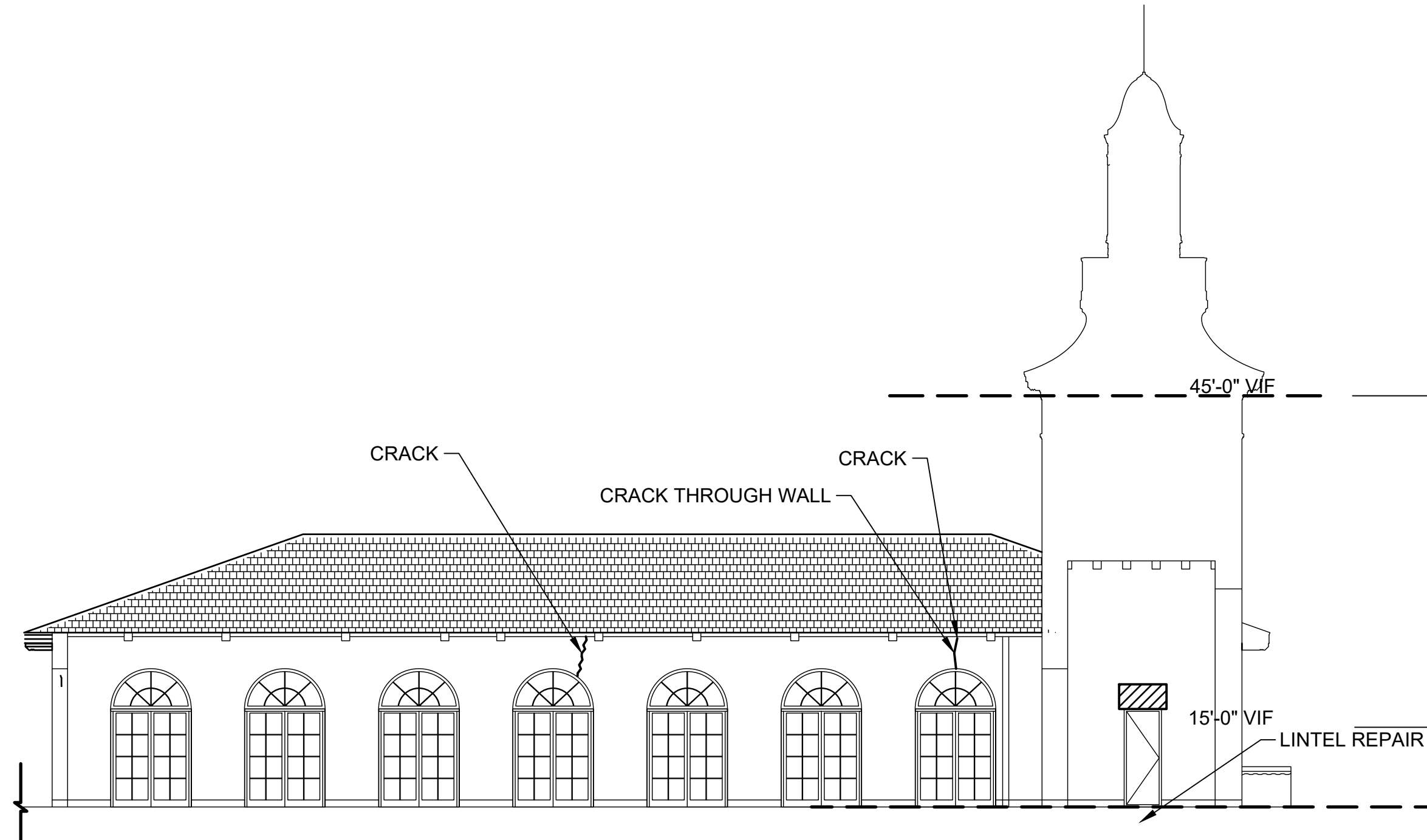
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CONTRACTOR	
NAME	PROJECT COORDINATOR
SIGNATURE	SIGNATURE
TITLE	TITLE

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING	
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK HAZARDOUS MATERIAL ABATEMENT SOUTH VENDOR SPACE EXTERIOR ELEVATIONS	
CONTRACT NUMBER 20-504	SHEET NUMBER H-101
SHEET NO. 199 OF 201	
SCALE: AS NOTED DATE: NOVEMBER 10, 2020	
DPW FILE NO. 1-19-G-556	REV. NO. 0

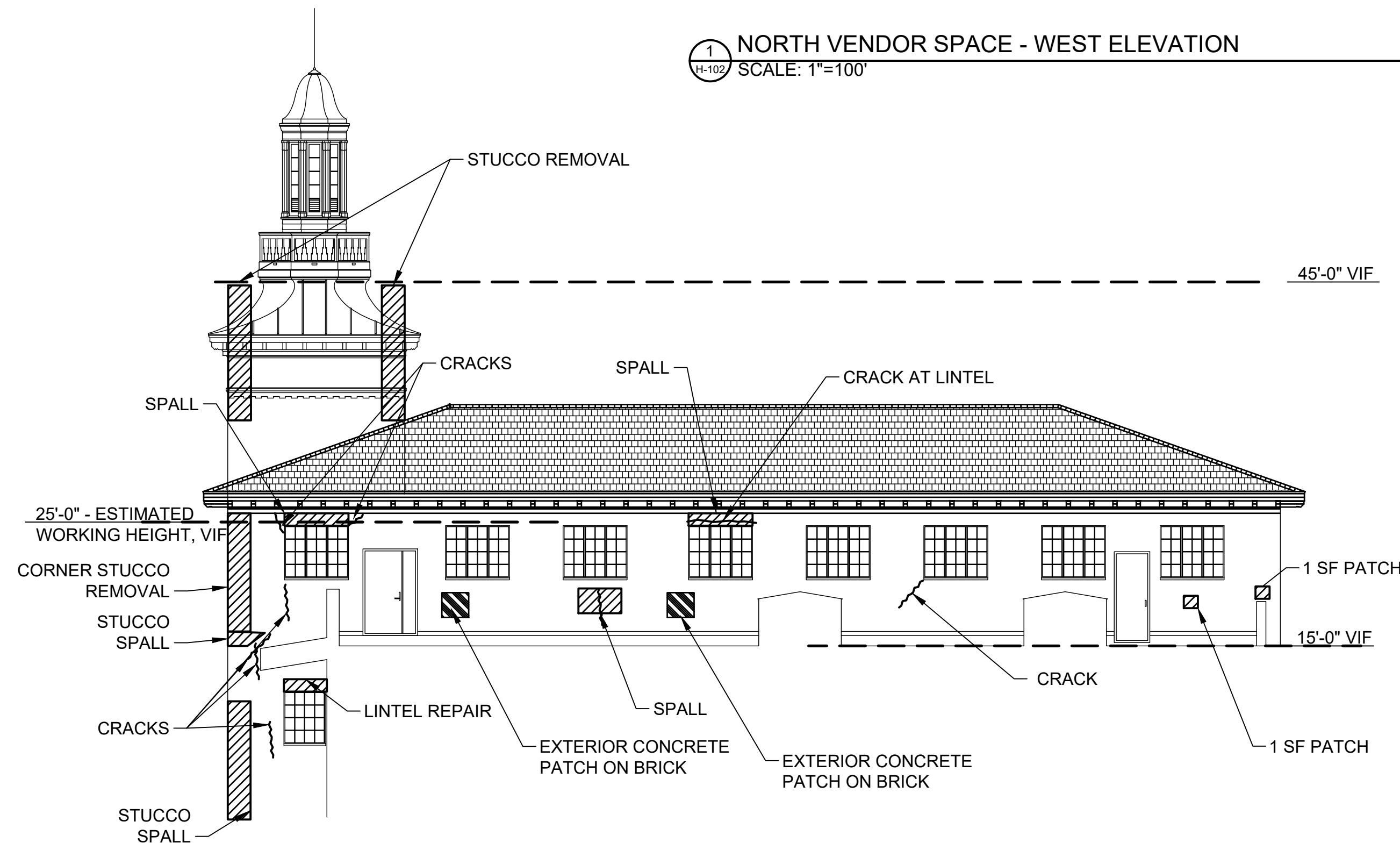




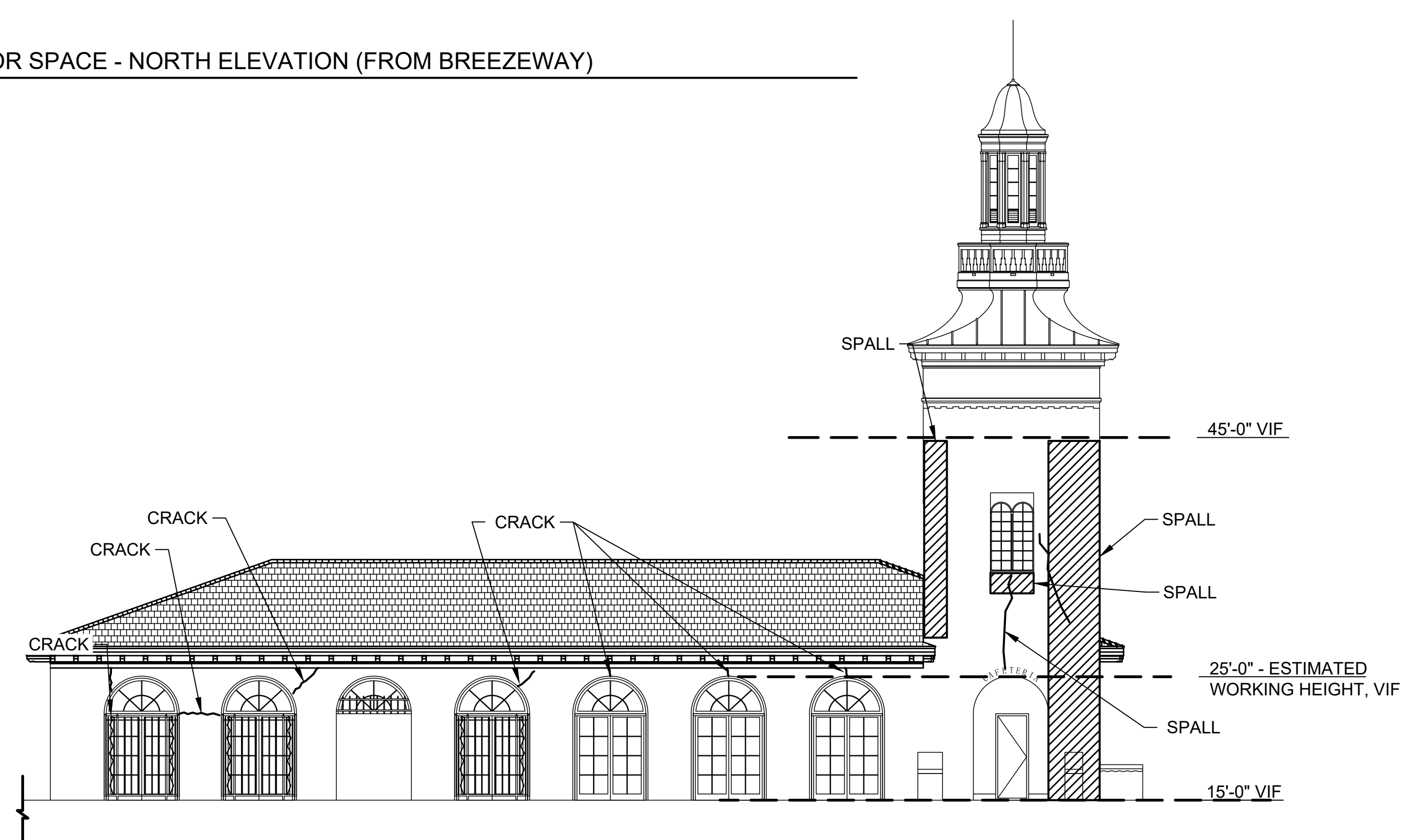
1 NORTH VENDOR SPACE - WEST ELEVATION  
SCALE: 1"=100'



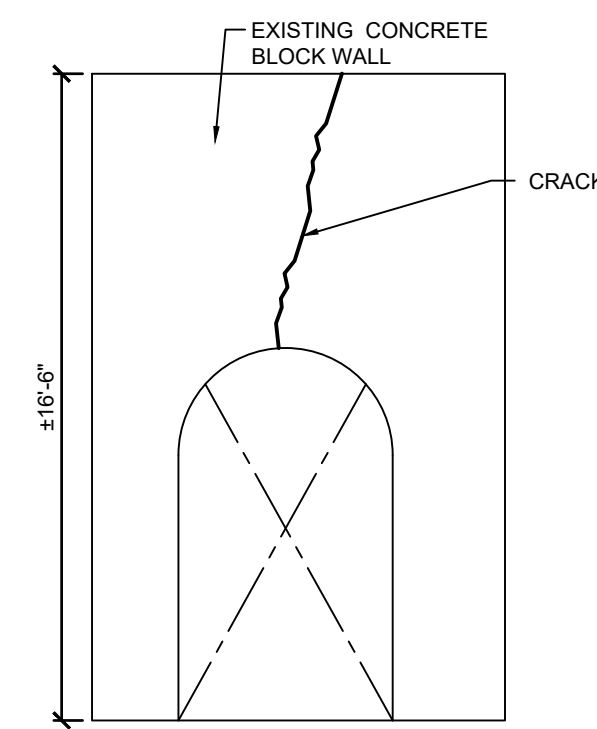
2 NORTH VENDOR SPACE - NORTH ELEVATION (FROM BREEZEWAY)  
SCALE: 1"=100'



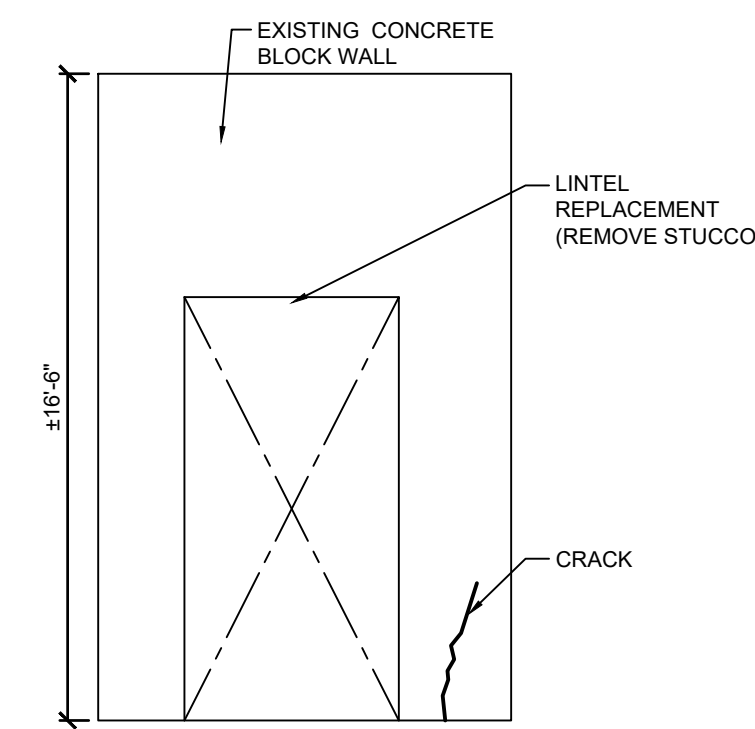
3 NORTH VENDOR SPACE - SOUTH ELEVATION  
SCALE: 1" = 100'



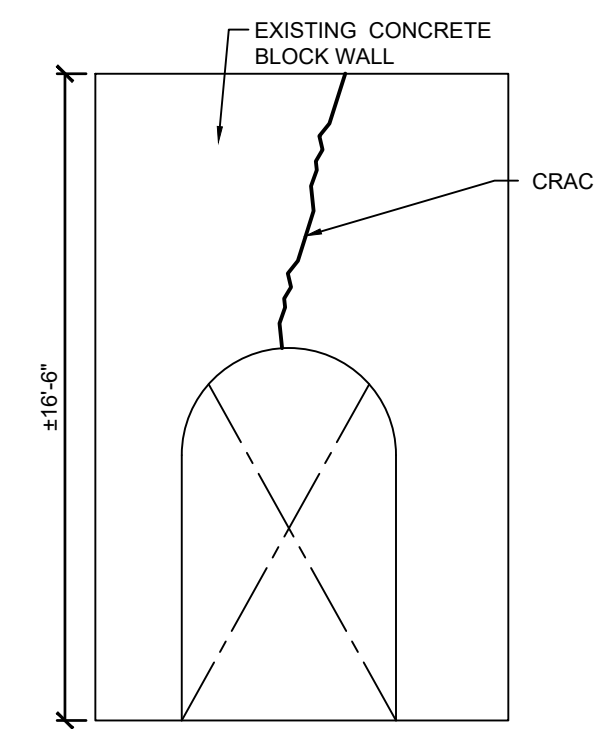
4 NORTH VENDOR SPACE - NORTH ELEVATION (FROM POOL DECK)  
SCALE: 1" = 100'



5 NORTH VENDOR  
SCALE: NTS





6 NORTH VENDOR  
SCALE: NTS



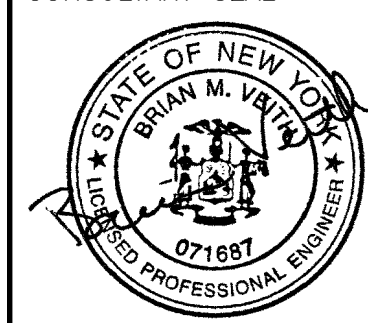
7 NORTH VENDOR  
SCALE: NTS

LEGEND

-  STUCCO REMOVAL (IN ADDITION TO THE MATERIAL SHOWN ON THIS SHEET, SEE NOTE 33 ON DWG H-001)
-  EXTERIOR CONCRETE PATCH ON BRICK

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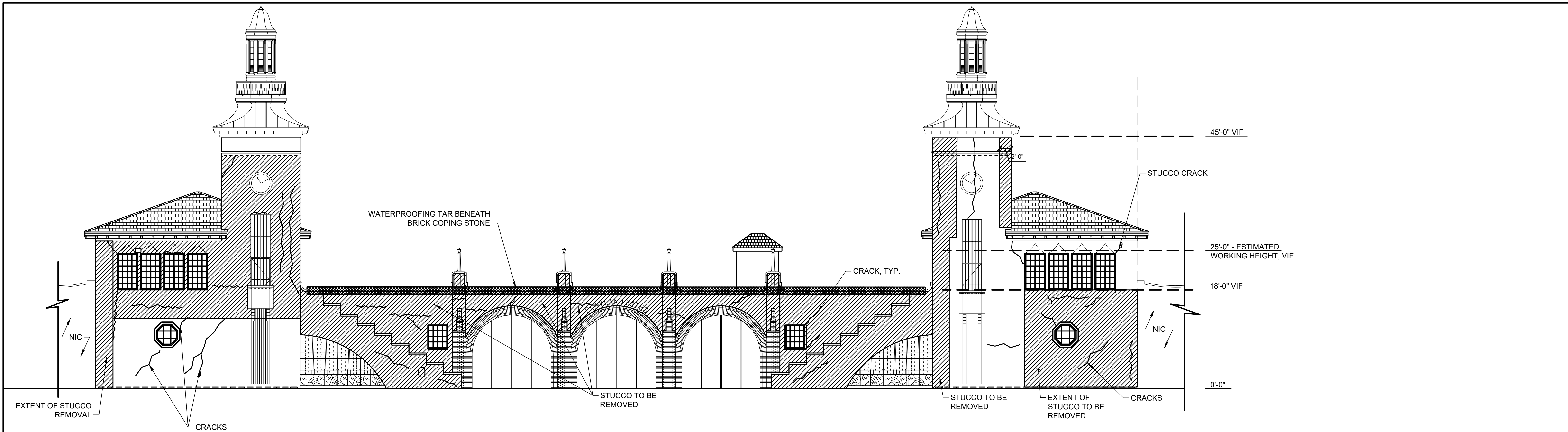
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TITLE		TITLE	

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DIVISION OF ENGINEERING

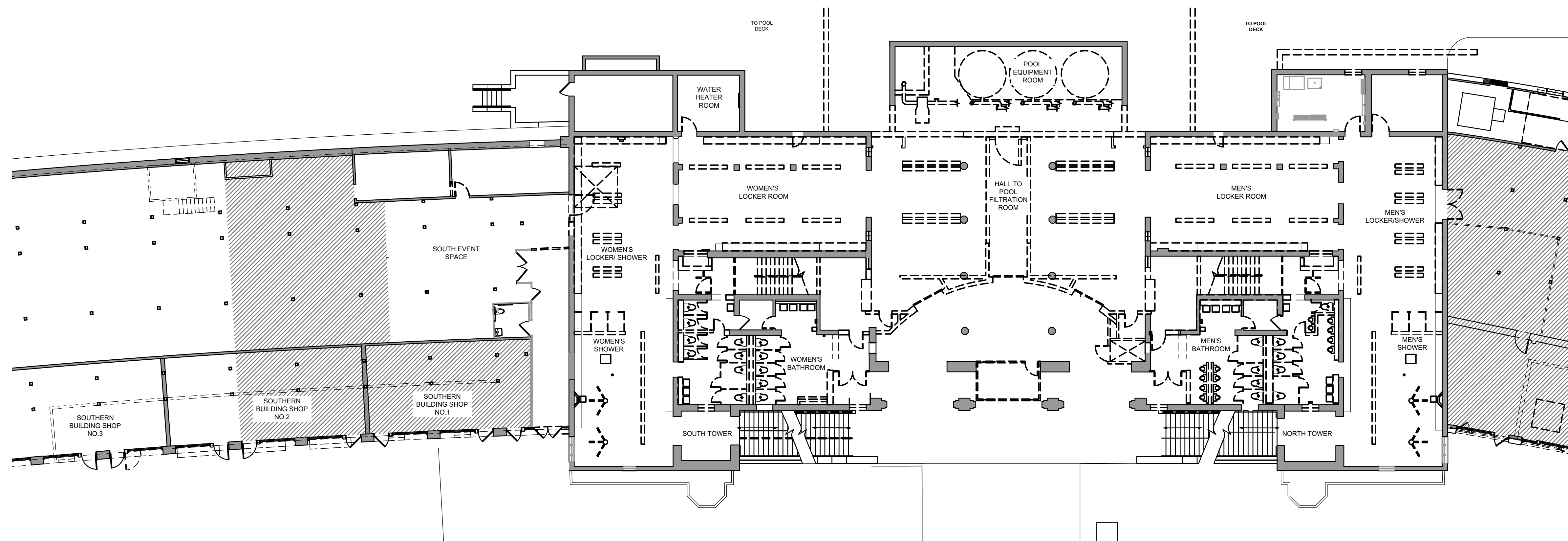
REHABILITATION OF POOL AND BATHHOUSE  
PLAYLAND PARK, RYE, NEW YORK  
HAZARDOUS MATERIAL ABATEMENT  
NORTH VENDOR SPACE EXTERIOR ELEVATIONS

CONTRACT NUMBER 20-504	SHEET NUMBER H-102
SHEET NO. 200 OF 201	
SCALE: AS NOTED DATE: NOVEMBER 10, 2020	
DPW FILE NO. 1-19-G-557	REV. NO. 0







1 EAST BATH HOUSE & VENDOR - ELEVATION  
H-103 SCALE: NTS



2 ROOM IDENTIFICATION PLAN  
H-103 SCALE: NTS

- LEGEND
-  STUCCO REMOVAL (IN ADDITION TO THE MATERIAL SHOWN ON THIS SHEET, SEE NOTE 33 ON DWG H-001)
  -  WATERPROOFING TAR BENEATH BRICK COPING STONE

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REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
<input type="checkbox"/> AS BUILT - CHANGES AS NOTED <input type="checkbox"/> AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME _____	NAME _____	SIGNATURE _____	
SIGNATURE _____	SIGNATURE _____	TITLE _____	
TITLE _____	TITLE _____	DATE _____	

WESTCHESTER COUNTY, NEW YORK DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION DIVISION OF ENGINEERING		CONTRACT NUMBER 20-504	SHEET NUMBER H-103
REHABILITATION OF POOL AND BATHHOUSE PLAYLAND PARK, RYE, NEW YORK HAZARDOUS MATERIAL ABATEMENT EAST ELEVATION AND ROOM IDENTIFICATION PLAN		SHEET NO. 201 OF 201	
SCALE: AS NOTED DATE: NOVEMBER 10, 2020		REV. NO. 0	
DPW FILE NO. 1-19-G-558		REV. NO. 0	