

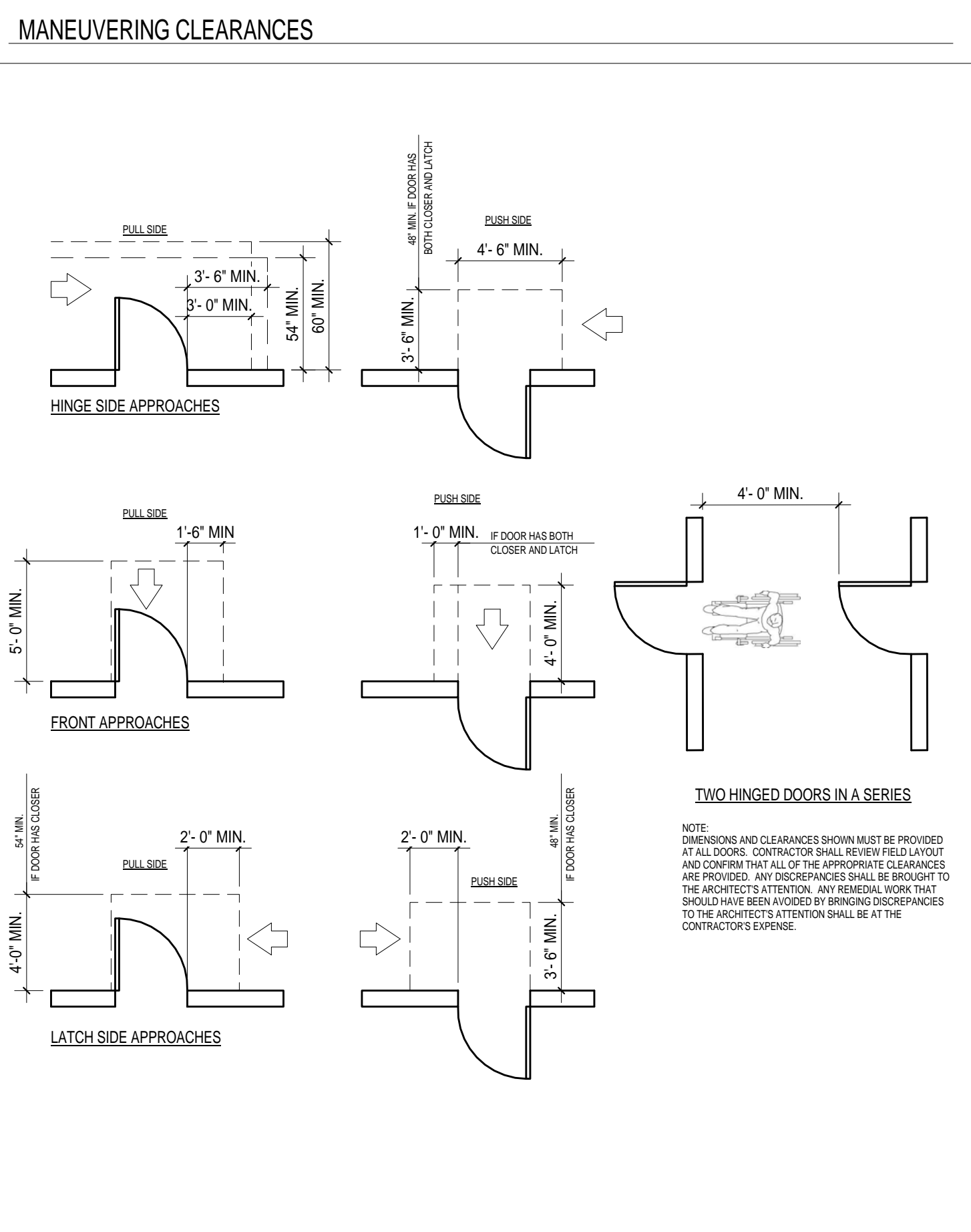
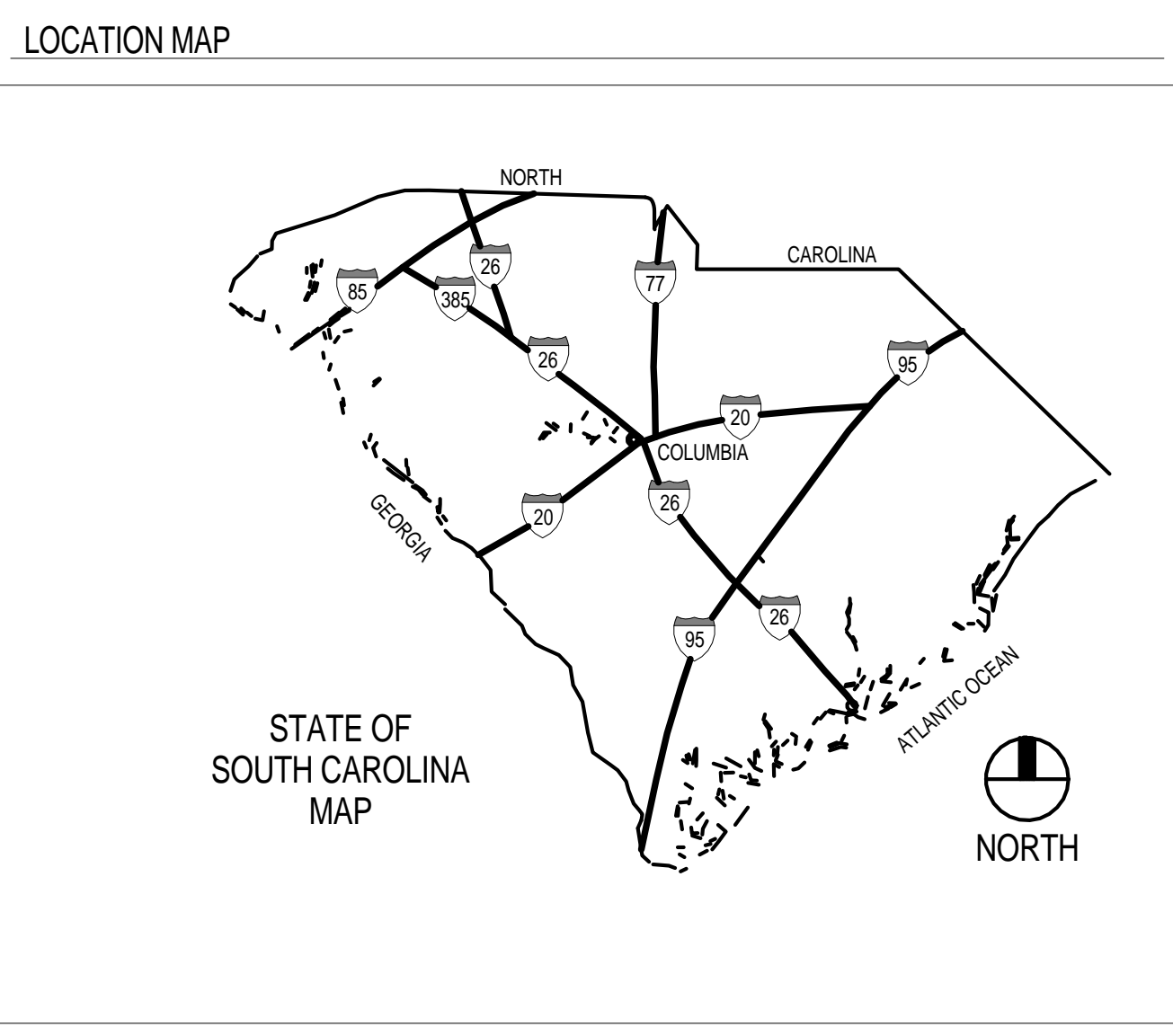
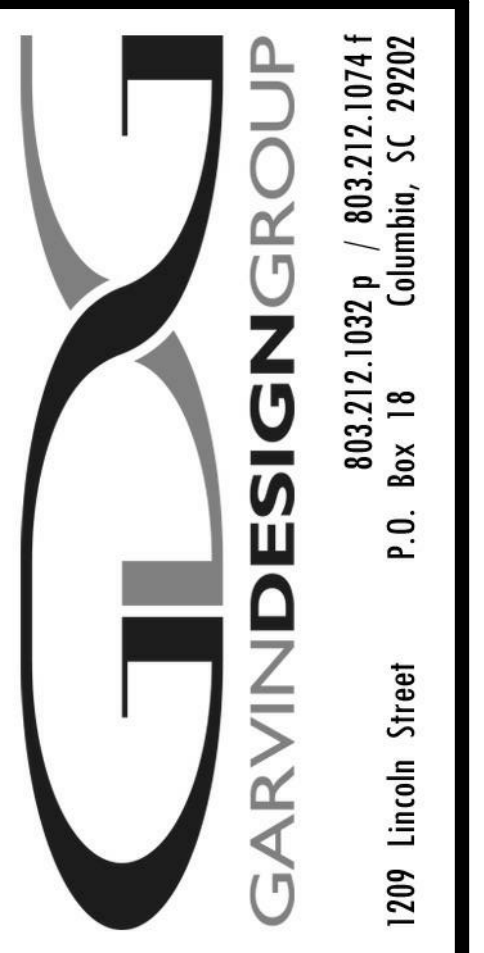
# University of South Carolina Blatt P.E. Center - Pool Remodel

1300 Wheat Street  
Columbia SC 29208

Project Number H27-Z287  
Architect's Project Number: U429.16

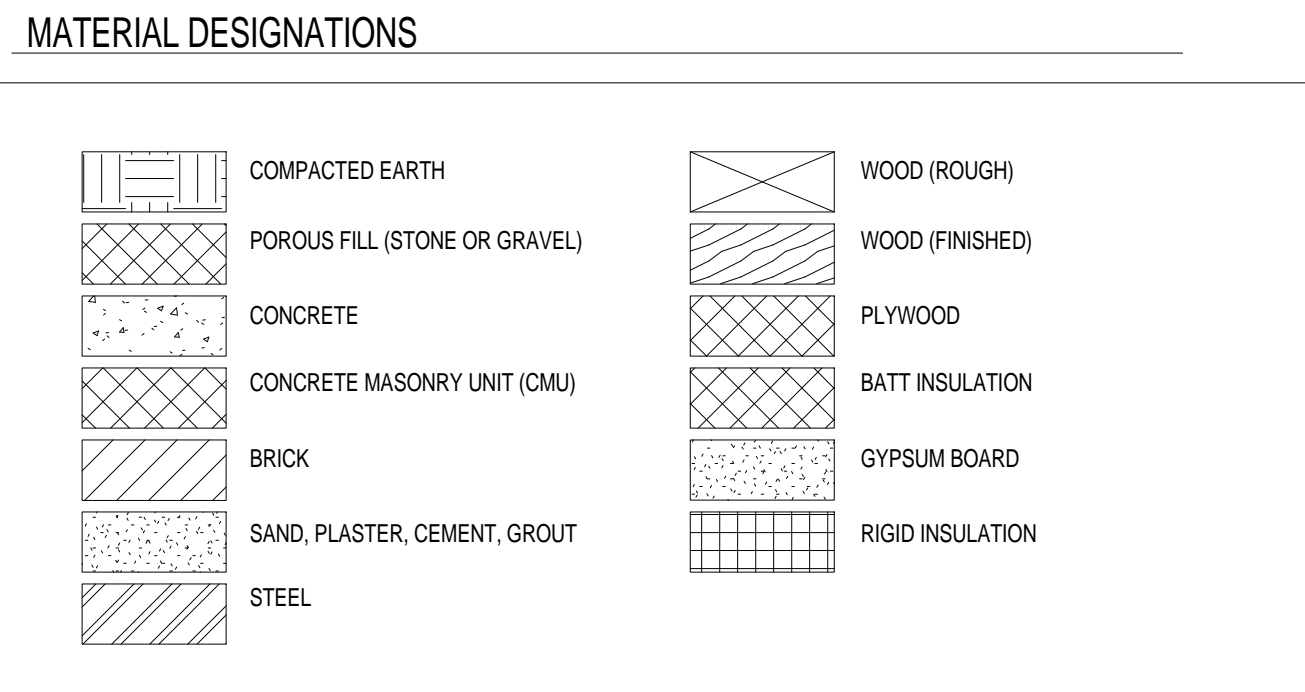
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13 June 2016



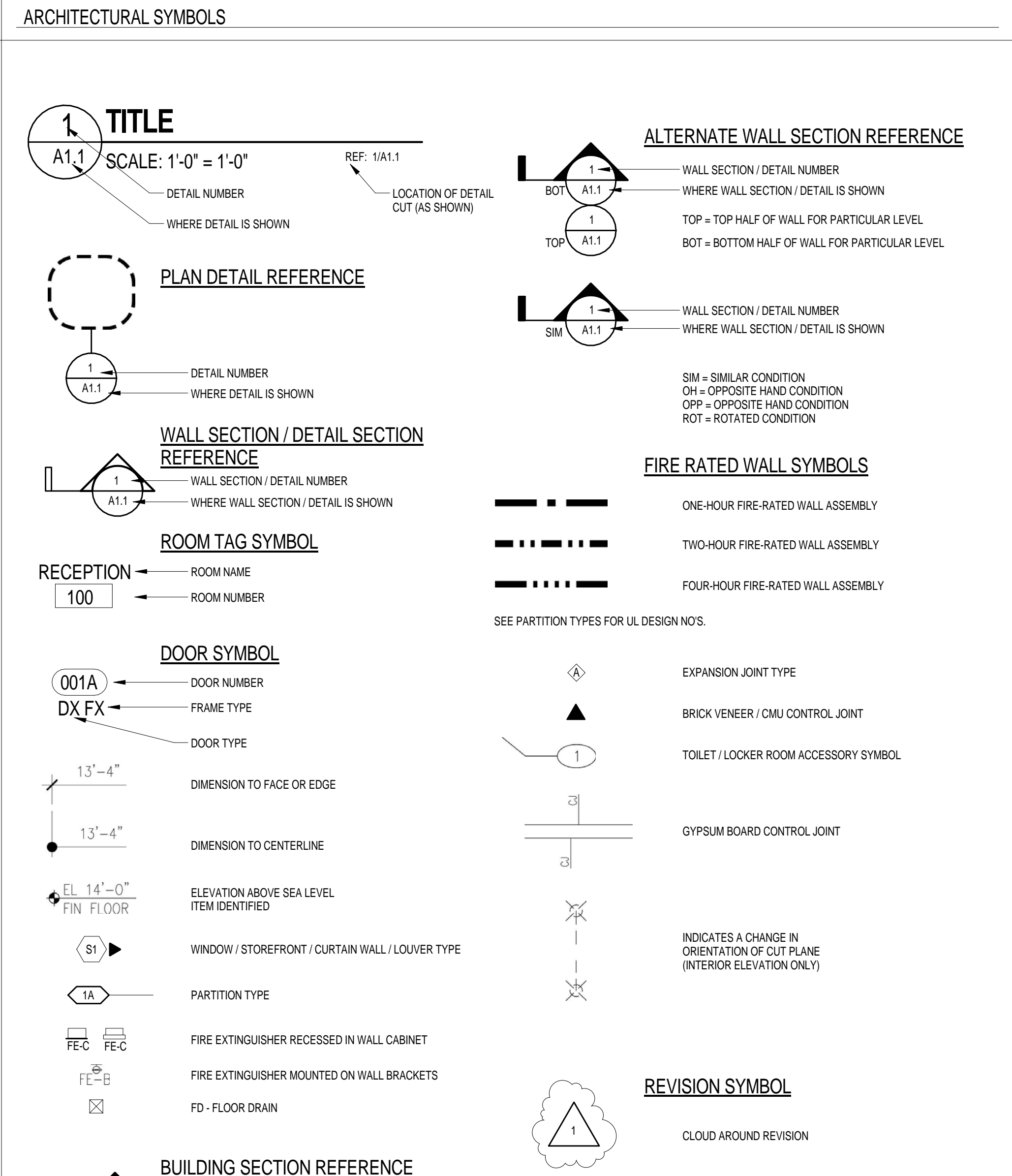
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ABBREVIATIONS

∠	ANGLE
∅	DIAMETER
ALUM	ALUMINUM
ARCH	ARCHITECTURAL
BLKG	BLOCKING
BU	BUILT-UP ROOF
CJ	CENTERLINE
CLG	CENTRAL JOINT
CTR	CENTRAL
CONC	CONCRETE
CMU	CONCRETE MASONRY UNIT
CONT	CONTINUOUS
DIA	DIAMETER
DS	DOWN SPOUT
DWG	DRAWING
EXT	EXTERIOR
EXIST	EXISTING
EA	EACH
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
EL	ELEVATION
ELEV	ELEVATOR
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
FIN	FINISH
FD	FLOOR DRAIN
FOF	FACE OF FINISH
FOS	FACE OF STUD
FR	FIRE RETARDANT
FV	FIELD VERIFY
GA	GAUGE
GYP BD	GYPSUM BOARD
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
HVAC	HEATING VENTILATION AIR-CONDITIONING
ID	INSIDE DIAMETER
INSUL	INSULATION
JT	JOINT
LAV	LAVATORY
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MO	MASONRY OPENING
NC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPNG	OPENING
OPP	OPPOSITE
P	PAINT
PR	PAIR
PL	PLATE, PROPERTY LINE
PT	PRESSURE TREATED
R. RAD	RADIUS
REQD	REQUIRED
RD	ROOF DRAIN
RO	ROUGH OPENING
SF	SQUARE FEET
SIM	SIMILAR
SPEC	SPECIFICATIONS
SS	STAINLESS STEEL
STD	STANDARD
STR	STRUCTURAL
SUSP	SUSPENDED
TOS	TOP OF STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VCT	VINYL COMPOSITION TILE
W	WITH
WC	WATER CLOSET
WR	WATER RESISTANT
WWF	WELDED WIRE FABRIC
WD	WOOD



PROJECT TITLE  
**BLATT P.E. CENTER - POOL REMODEL**  
1300 Wheat Street  
Columbia, SC 29208

REVISIONS

NO.	DATE	NAME

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DRAWING TITLE  
**TITLE SHEET**

PROJECT NO. H27-Z287  
DATE 06.07.16  
DRAWING NO. T1.1

**DEMOLITION/CONSTRUCTION NOTES**

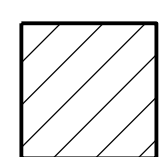
- 1 ADDITIVE ALTERNATE No. 1: REMOVE EXISTING MAIN DRAINS AND DEMO FLOOR TO LIMITS SHOWN AND PROVIDE NEW VGBA CERTIFIED MAIN DRAIN ASSEMBLIES. CARE IS TO BE TAKEN DURING POOL DRAIN DOWN, TO RELIEVE ANY HYDROSTATIC PRESSURE THROUGH EXISTING HYDROSTATIC RELIEF VALVES AND DRAINING THE POOL SLOWLY.
- 2 REMOVE AND REPLACE EXISTING LANE LINE TILE AND END WALL TARGET TILE. REMOVE EXISTING EXPANSION JOINT MASTIK AND CAULKING AND REPLACE WITH NEW PER SPECIFICATIONS.
- 3 ADDITIVE ALTERNATE No. 2: REMOVE AND REPLACE WALL INLET RETURN PIPING INSIDE GUTTER FIELD VERIFY SIZE AND NUMBER OF INLETS TO BE REPLACED. CONTRACTOR SHALL TAKE CARE IN NOT DAMAGING EXISTING GUTTER ASSEMBLY AND INLET LOCATIONS. CONTRACTOR SHALL CONNECT NEW GUTTER INLET PIPING TO EXISTING POINT OF CONNECTION LOCATED FROM PUMP RETURN TO POOL.
- 4 THE CONTRACTOR SHALL COORDINATE DEMOLITION WITH OTHER TRADES, AND SHALL PROTECT ALL EXISTING WORK, BUILDINGS, UTILITIES, ETC. TO REMAIN. IDENTIFY AND LOCATE ALL EXISTING UNDERGROUND UTILITIES WITH OWNER PRIOR TO CONSTRUCTION AND PROVIDE PROTECTION AS REQUIRED FOR RENOVATION OF SWIMMING POOLS.
- 5 THE CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED ITEMS DUE TO DEMOLITION AND/OR CONSTRUCTION, AT NOT COST TO THE OWNER INCLUDING, FITTINGS, GRATES AND PIPING, ETC.
- 6 COORDINATE INGRESS/EGRESS AND HALL ROUTES WITH THE OWNER PRIOR TO START OF WORK.
- 7 POOL PLAN VIEWS AND SECTIONS ARE SHOWN FOR CONTRACTOR INFORMATION AND ASSISTANCE. THE CONTRACTOR IS RESPONSIBLE FOR INDIVIDUAL SQUARE FOOTAGE TAKE-OFFS AND ESTIMATIONS WITH REGARD TO DEMOLITION, PREPARATION, AS WELL AS MEANS AND METHODS OF CONSTRUCTION. CONTRACTOR SHALL VISIT THE SITE AS REQUIRED TO ACCOMPLISH THE WORK, AND TO BECOME FAMILIAR WITH SCOPE AND SERVICES OF WORK REQUIRED.
- 8 REMOVE EXISTING SWIMMING POOL PLASTER FINISHES DOWN TO EXISTING SOUND BROWN COAT. ANY CRACKS SHALL BE CHIPPED OUT TO A MINIMUM TO 3/4" x 3/4" AND THEN FILLED FLUSH WITH NON-SHRINK GROUT. ALL EXPOSED REBAR, RUST SPOTS, ETC. SHALL BE EXPOSED, BUSHED DOWN 1/2" BELOW FINISH SURFACE, ZINC COATED AND FILLED FLUSH WITH NON-SHRINK GROUT. ANY OTHER IMPERFECTIONS IN THE POOL SHELL SHALL BE REPAIRED PRIOR TO INSTALLING A NEW WHITE PLASTER FINISH.

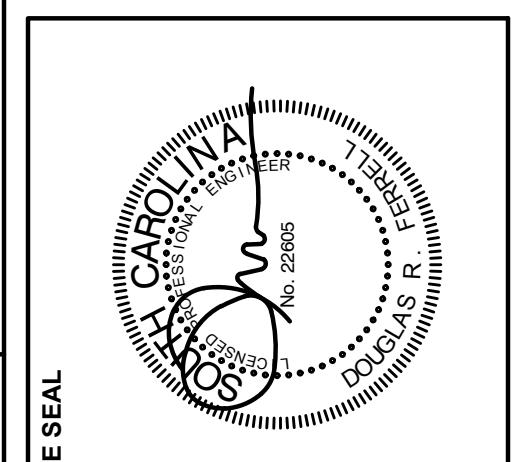
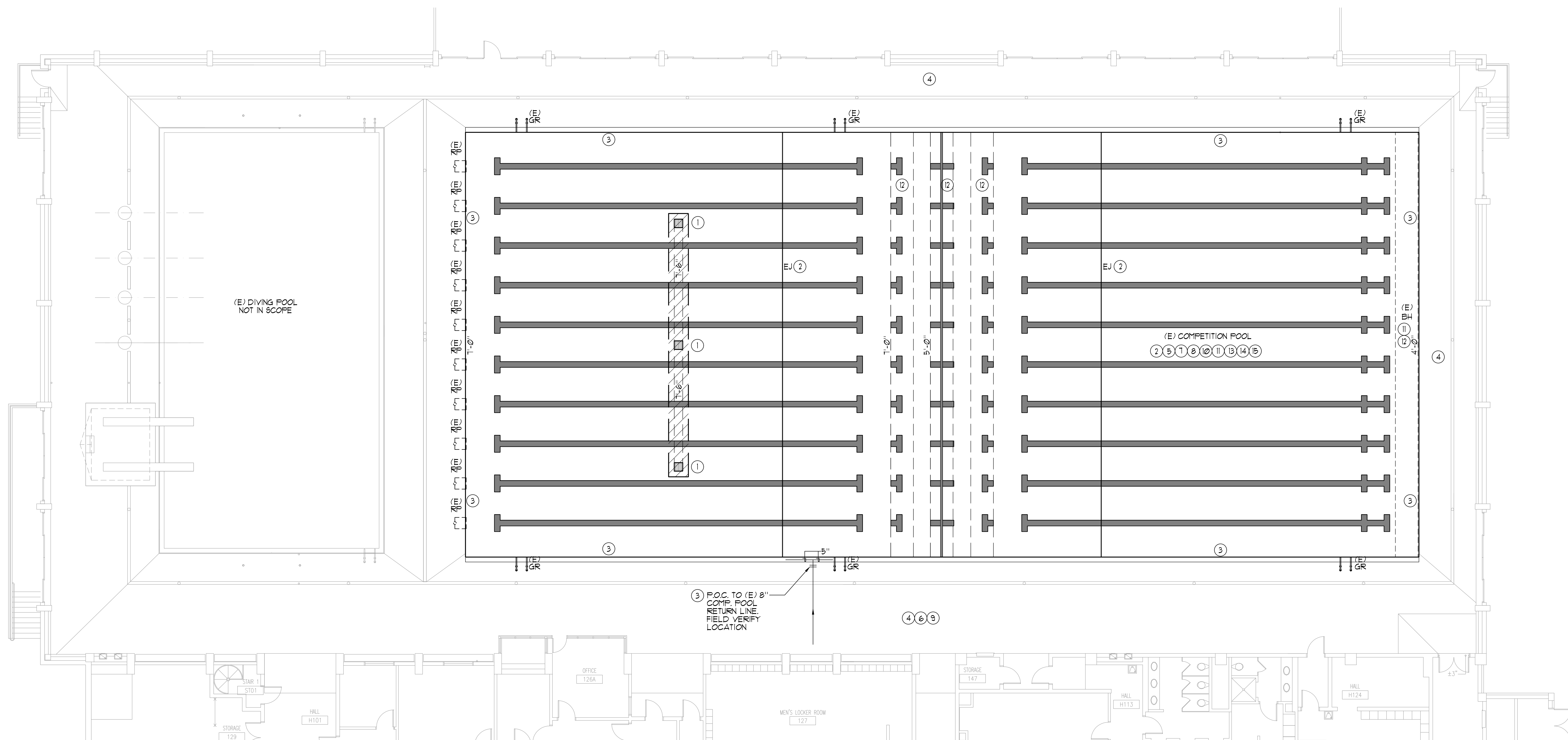
- 9 COORDINATE PROPOSED CONTRACTOR STAGING AREA WITH THE OWNER PRIOR TO CONSTRUCTION. PROVIDE TEMPORARY PHONE, TOILET(S), FENCING, GATES, ETC. AS REQUIRED.
- 10 PROVIDE SWIMMING POOL TILE AND PLASTER PER PLANS. REPLACE ANY DAMAGED POOL FITTINGS, GRATES, ROPE ANCHORS LOST DURING DEMOLITION/CONSTRUCTION ETC. AS REQUIRED.
- 11 RELOCATE BULKHEAD AS REQUIRED FOR DEMOLITION AND REPLASTERING OF SWIMMING POOL.
- 12 EXISTING BULKHEAD LOCATIONS, PROTECT EXISTING BULKHEAD ANCHORING SLEEVES.
- 13 THE CONTRACTOR SHALL INSURE THAT ALL SURFACES ARE PREPARED TO RECEIVE PLASTER FINISH.
- 14 THE CONTRACTOR SHALL PROVIDE A SUFFICIENT NUMBER OF WORKERS TO INSURE THAT THE ENTIRE POOL CAN BE PLASTERED IN A SINGLE DAY OR SHALL PROVIDE CONTINUAL MISTING OF PLASTERED SURFACES TO INSURE THAT PLASTER IS NOT EXPOSED TO THE AIR FOR A PERIOD OF TIME WHICH WOULD CAUSE DAMAGE IN ANY WAY.
- 15 THE OWNER SHALL IDENTIFY THE SWIMMING POOL FILL WATER SOURCE FROM CLOSEST FIRE HYDRANT AND SHALL PAY FOR THE WATER TO FILL THE POOL. THE CONTRACTOR IS RESPONSIBLE FOR FIRE HOSE, HOSES, FILLING AND PROTECTION OF PLASTER SURFACES. FILL SOURCE SHALL BE BLOW-OFF INITIALLY TO PROVIDE A CLEAN DOMESTIC WATER SOURCE. THE CONTRACTOR SHALL PROVIDE CONTINUOUS FILL UNTIL THE WATER IS AT OPERATIONAL LEVEL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND BALANCING OF THE POOL WATER FOR A PERIOD OF NOT LESS THAN SEVEN (7) DAYS AFTER PLASTER. THE CONTRACTOR SHALL COORDINATE HIS EFFORTS WITH OWNERS STAFF TO PROVIDE INSTRUCTION AND TRAINING IN PROPER OPERATION OF POOL IN CONJUNCTION WITH NEW PLASTER SURFACES.

**(E) COMPETITION POOL DATA**

SURFACE AREA	=	12,635 SQ. FT.
PERIMETER	=	486 FT.
DEPTH	=	4'-0" TO 1'-6"
VOLUME	=	546,441 GAL.
6 HR TURNOVER	=	1518 GPM

**LEGEND**

-  LIMITS OF REMOVAL
- MD = MAIN DRAIN
- GR = GRABRAIL
- RP = RACING PLATFORM
- (E) = EXISTING
- BH = BULKHEAD
- EJ = EXPANSION JOINT



**PROJECT TITLE**  
**BLATT P.E. CENTER - POOL REMODEL**  
 1300 Wheat Street  
 Columbia, SC 29208



**DRAWN BY:** CSF  
**CHECKED BY:** SJF

**DRAWING TITLE**  
**EXISTING COMPETITION POOL DEMOLITION PLAN**

**PROJECT NO.:** 157-2281  
**DATE:** 08.07.16  
**DRAWING NO.:** DD-1



**(E) COMPETITION POOL DATA**

SURFACE AREA	=	12,635 SQ. FT.
PERIMETER	=	486 FT.
DEPTHS	=	4'-0" TO 1'-6"
VOLUME	=	546,441 GAL.
6 HR TURNOVER	=	1518 GPM

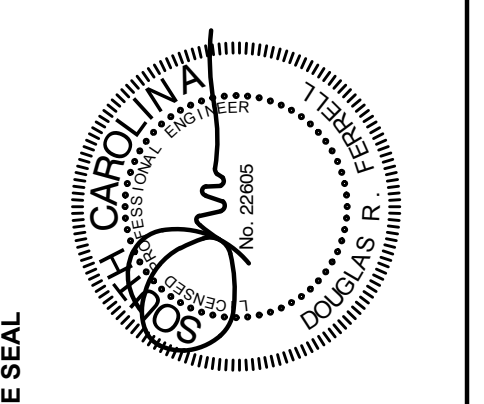
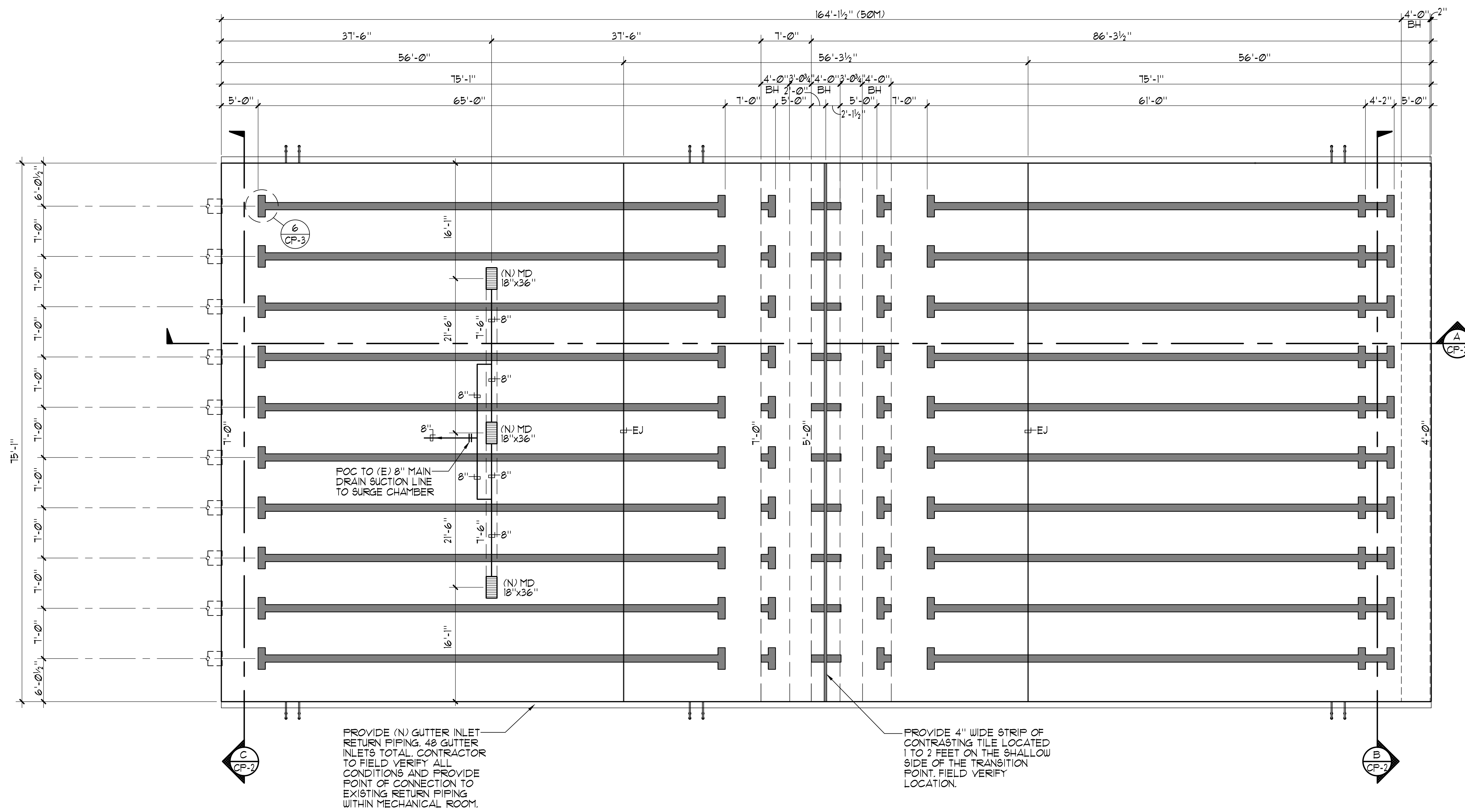
LAYOUT, SECTIONS AND DATA PROVIDED FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS.

**LEGEND**

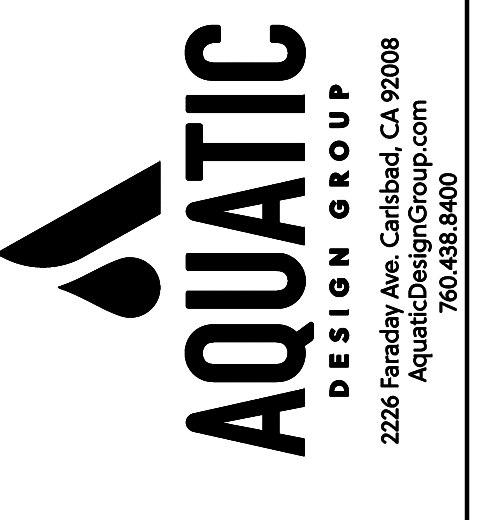
* MD	=	MAIN DRAIN
EJ	=	EXPANSION JOINT
(N)	=	NEW
BH	=	BULKHEAD

**CERTIFICATION REQUIREMENTS**

\* CONTRACTOR SHALL RETAIN A LICENSED ENGINEER TO CERTIFY THE MAIN DRAIN SYSTEMS AS V.G.B. COMPLIANT.



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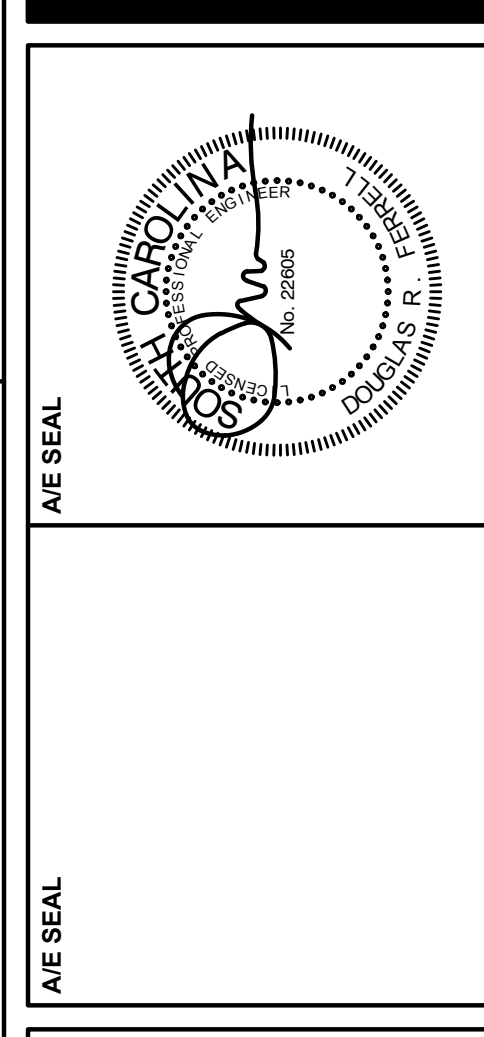


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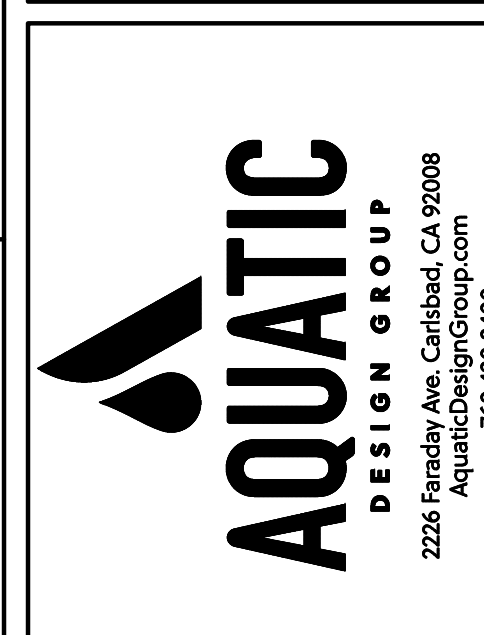
**DRAWING TITLE**  
**COMPETITION POOL LAYOUT PLAN**

**PROJECT NO.:** 1527-2287  
**DATE:** 08.07.16  
**DRAWING NO.:** CP-1





PROJECT TITLE  
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 POOL REMODEL**  
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 Columbia, SC 29208

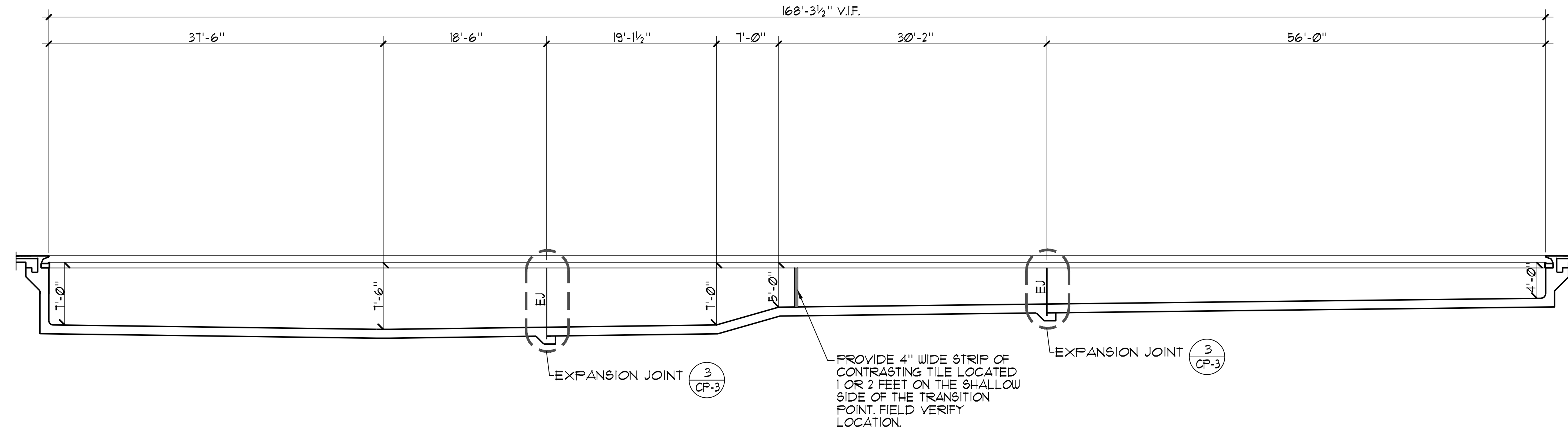


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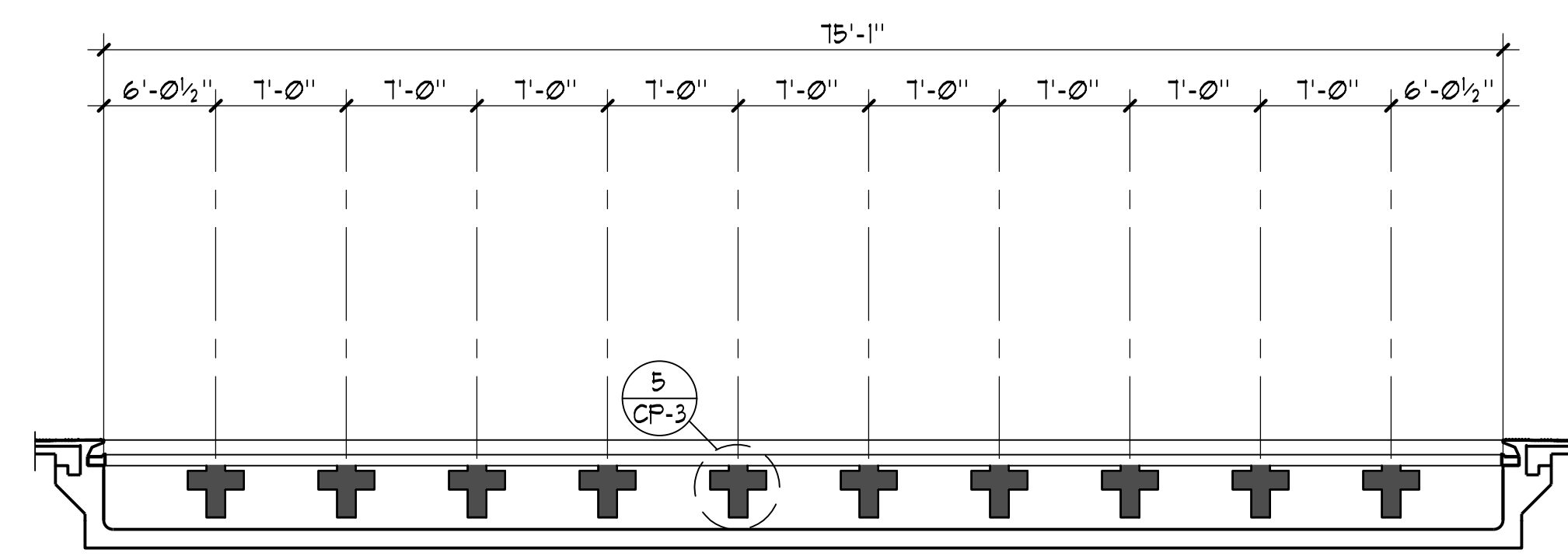
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DRAWING TITLE  
**COMPETITION  
 POOL  
 SECTIONS**

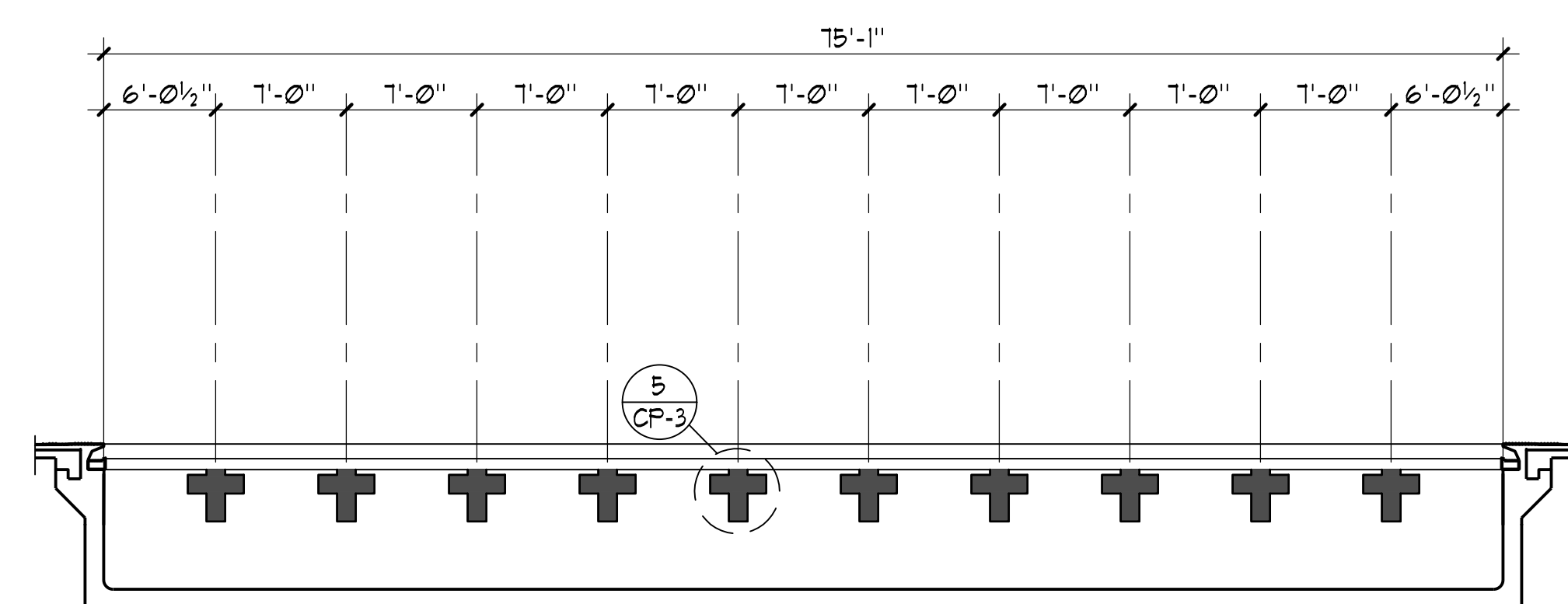
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 DATE 08.07.18  
 DRAWING NO. **CP-2**



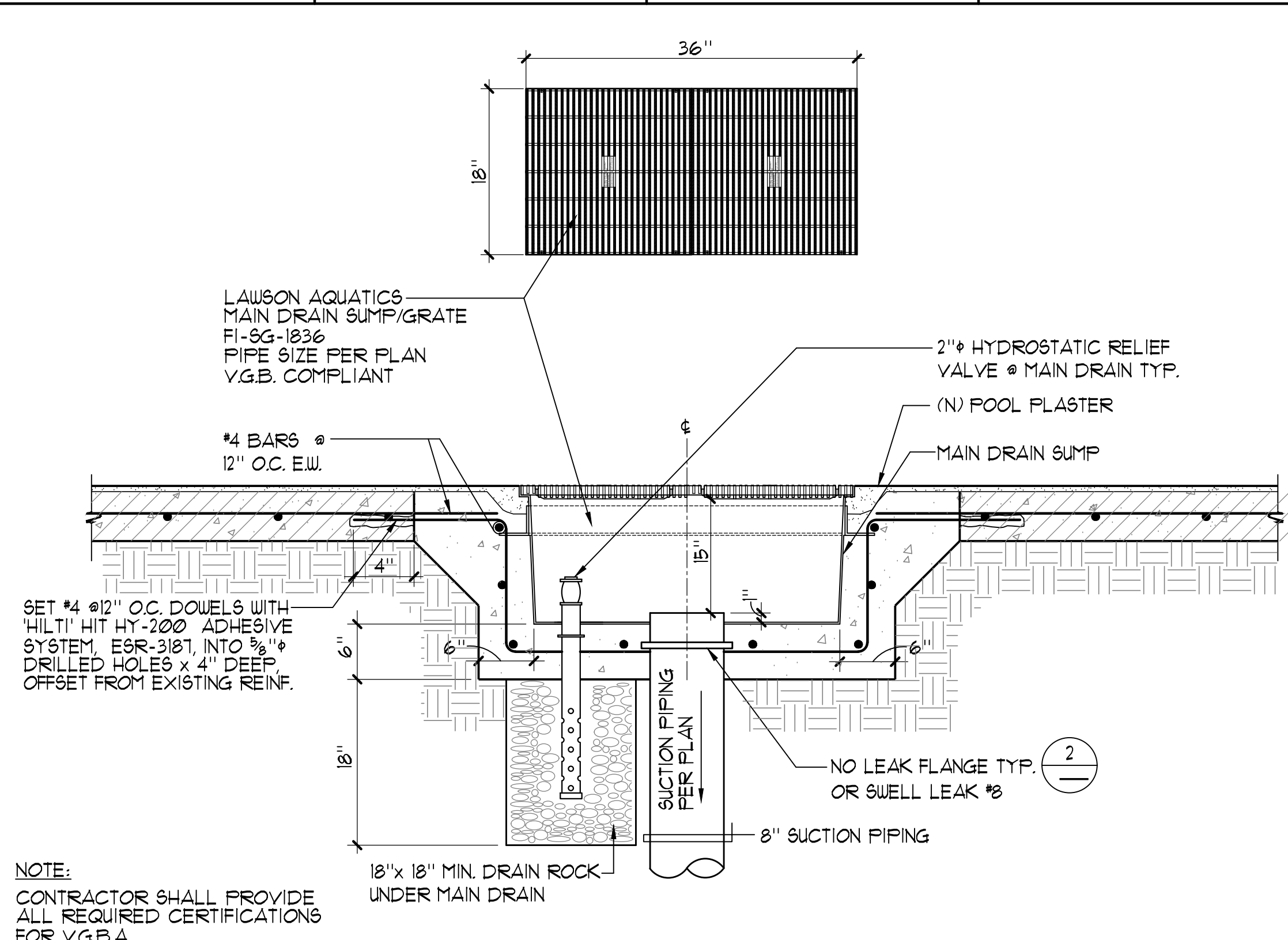
**A** COMPETITION POOL SECTION  $\frac{1}{8}'' = 1'-0''$



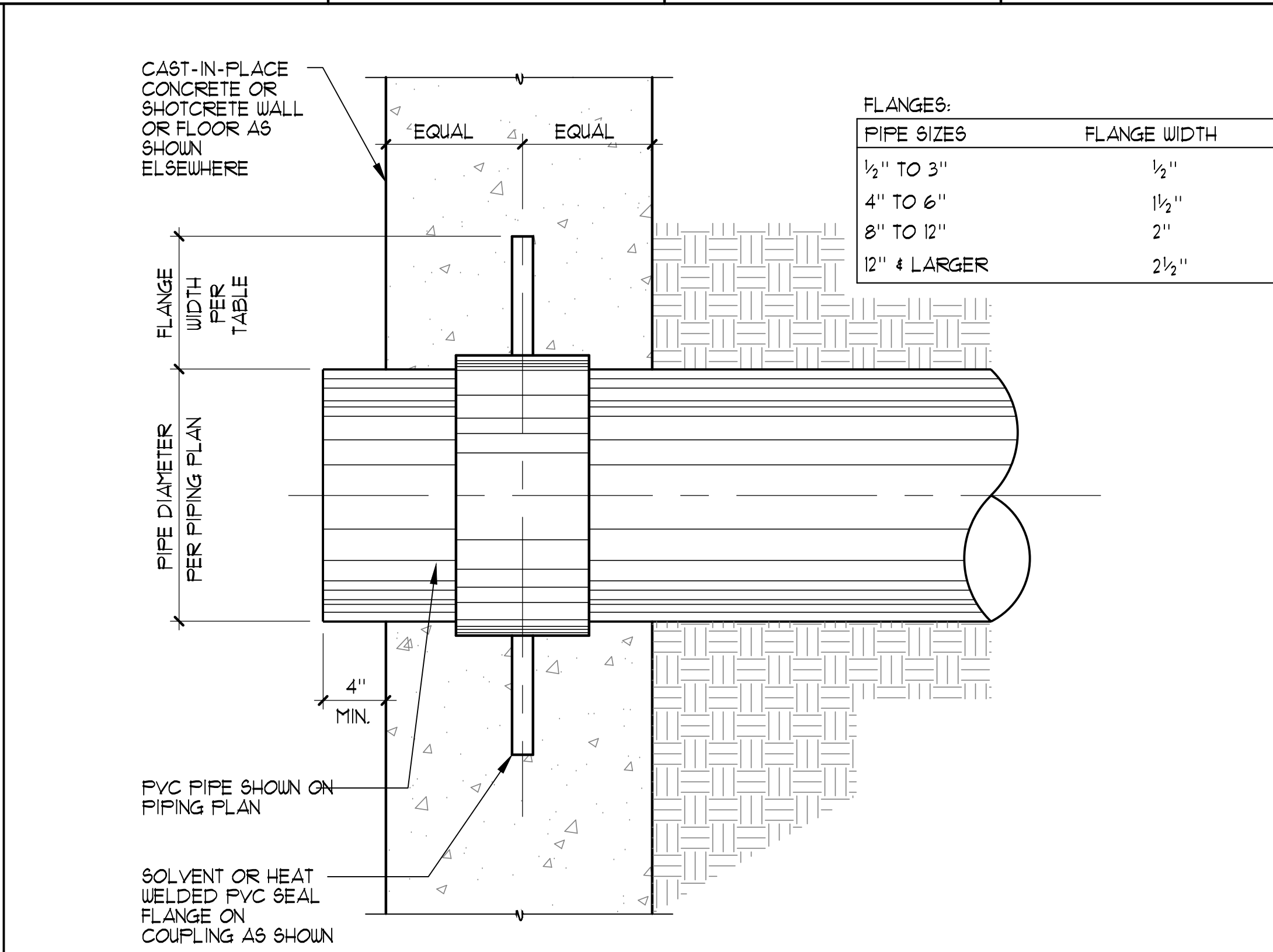
**B** COMPETITION POOL SECTION  $\frac{1}{8}'' = 1'-0''$



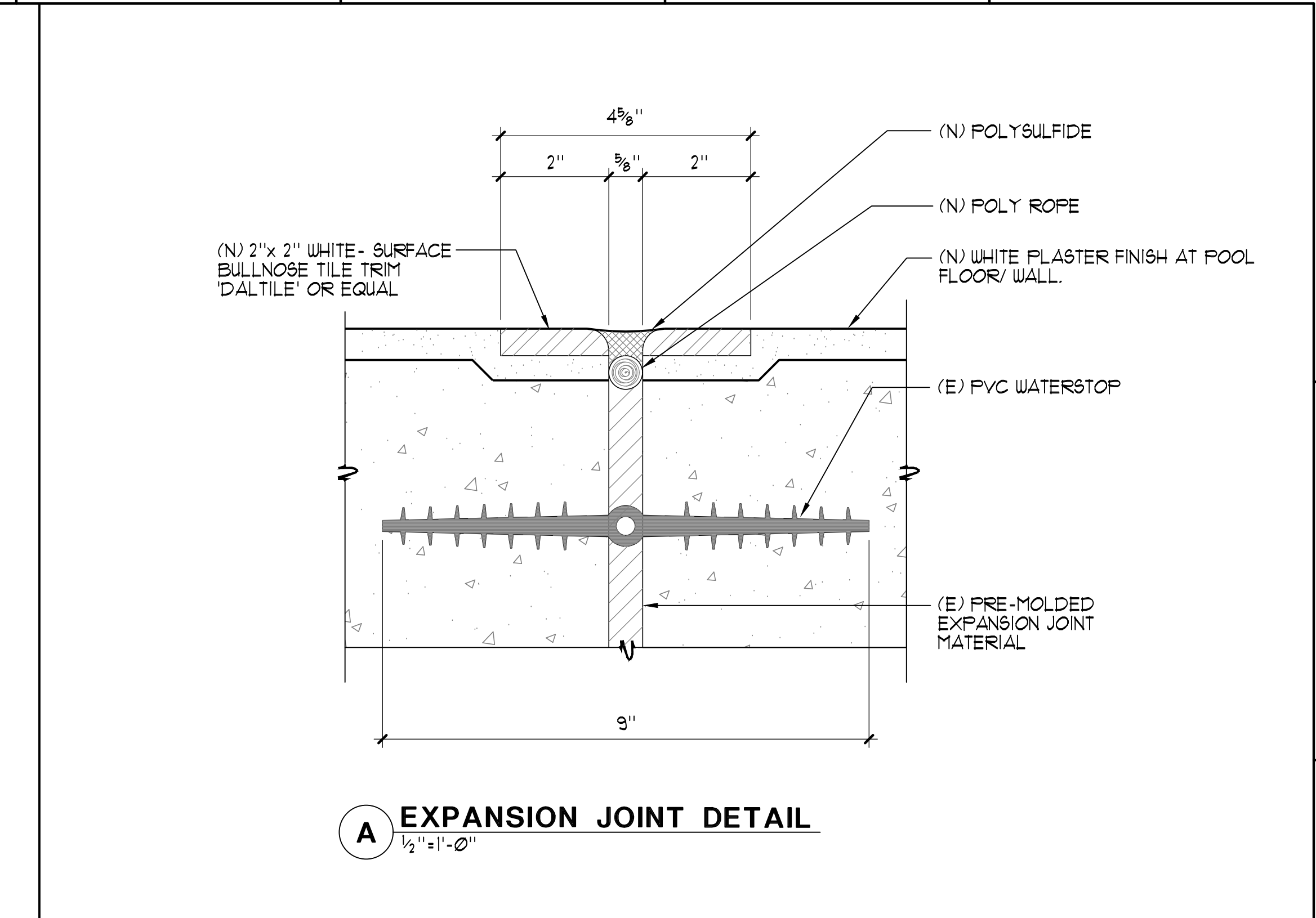
**C** COMPETITION POOL SECTION  $\frac{1}{8}'' = 1'-0''$



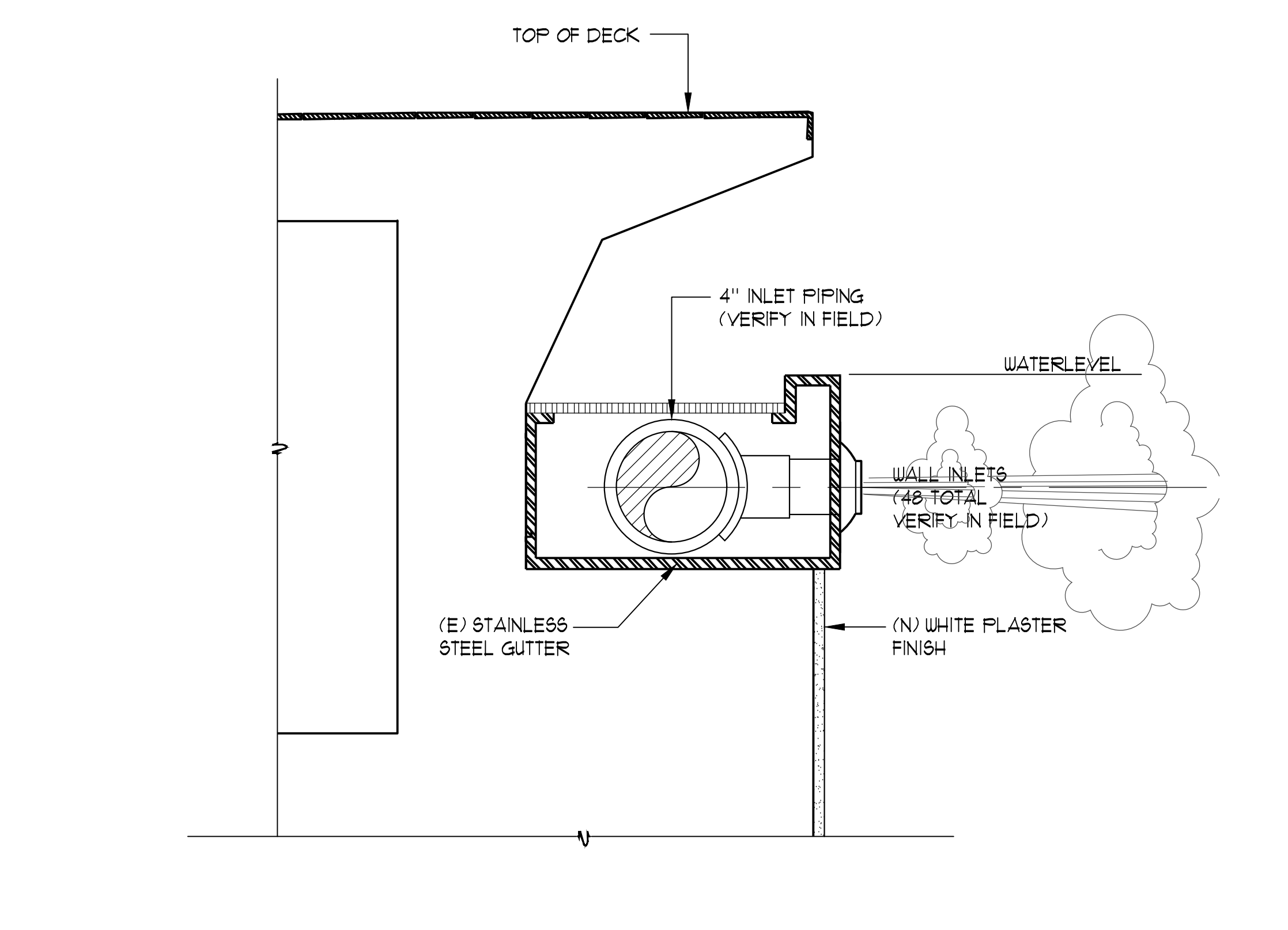
1 MAIN DRAIN 1" = 1'-0"



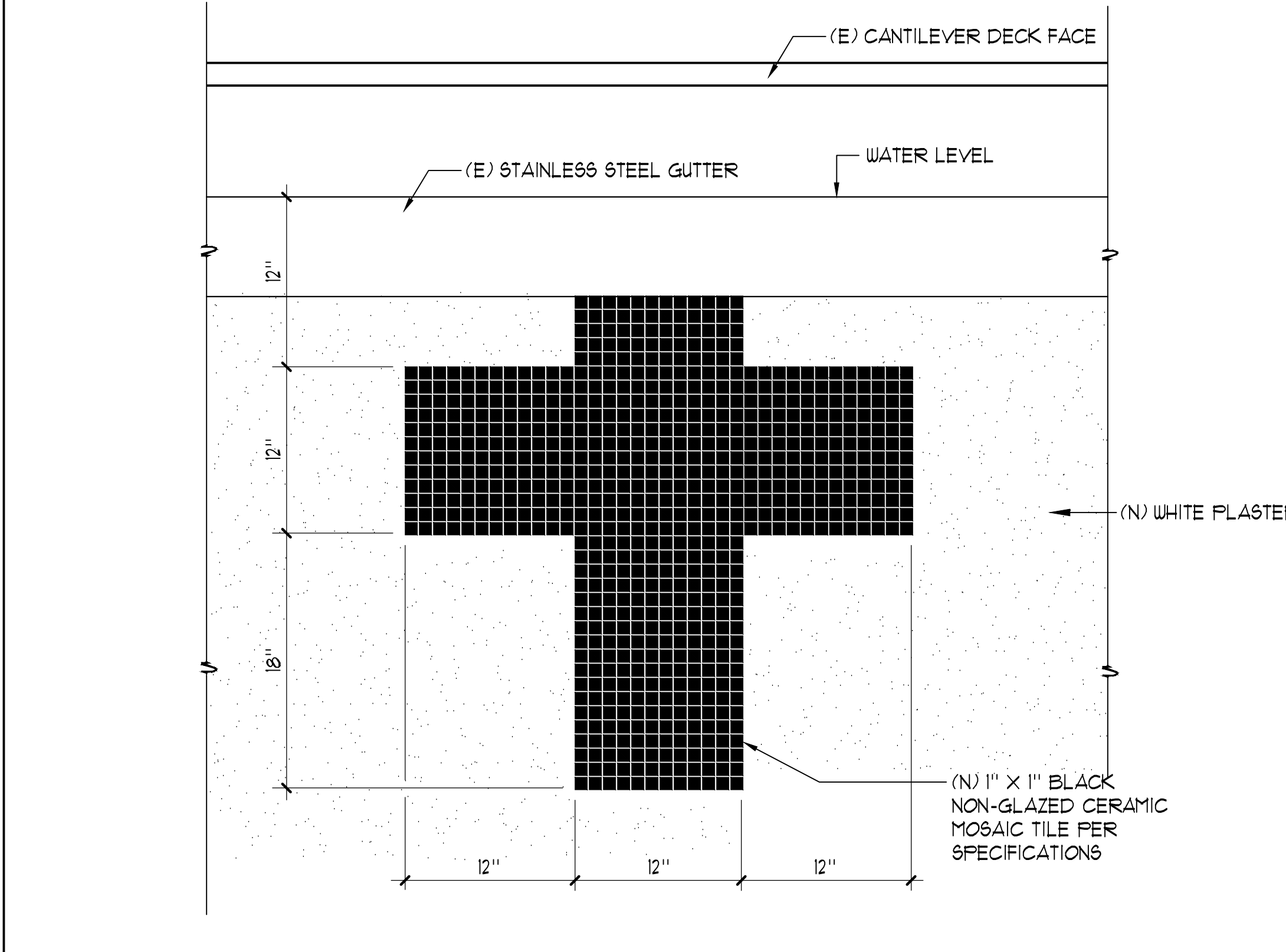
2 WATER STOP DETAIL NO SCALE



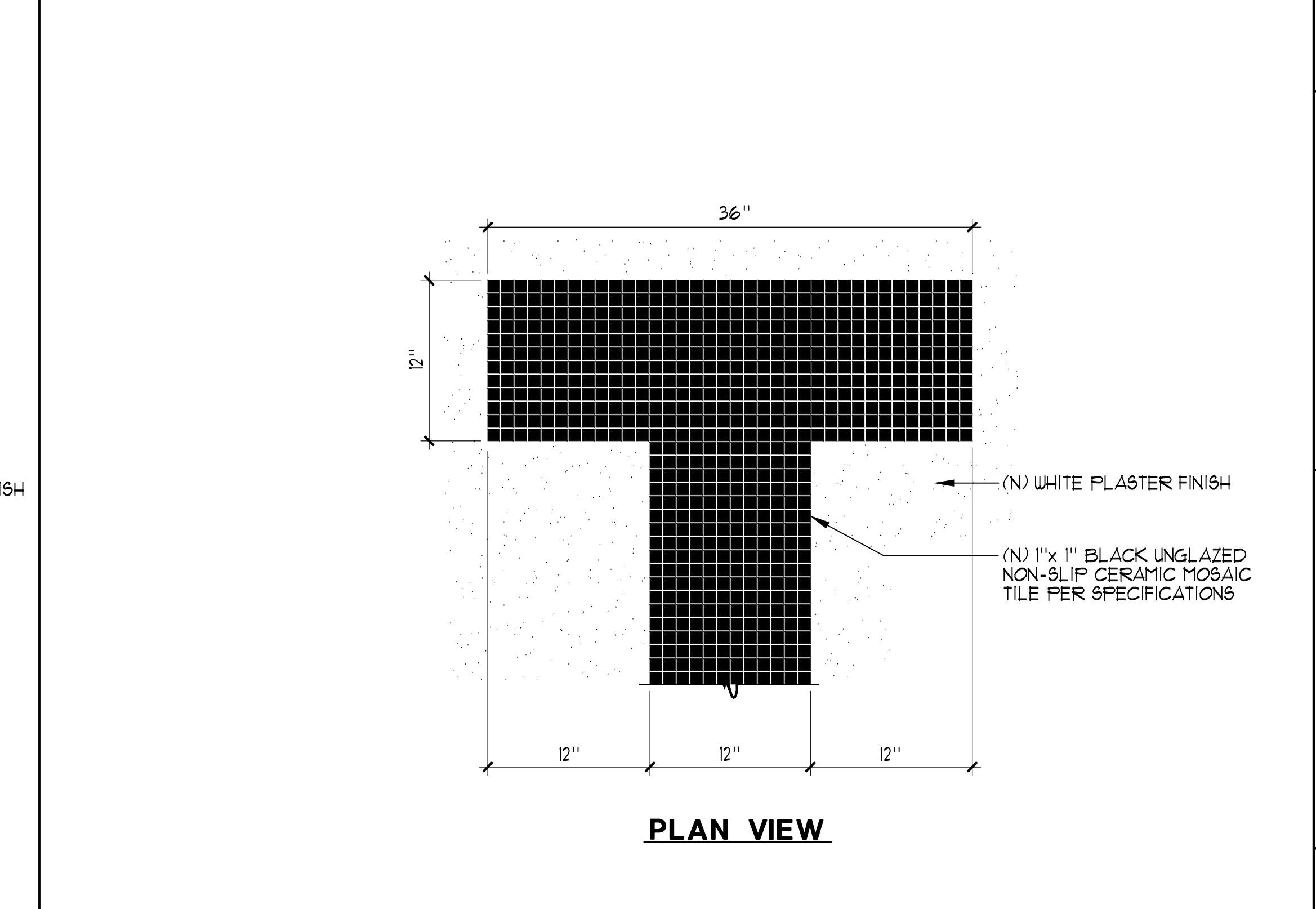
3 POOL EXPANSION JOINT AS NOTED



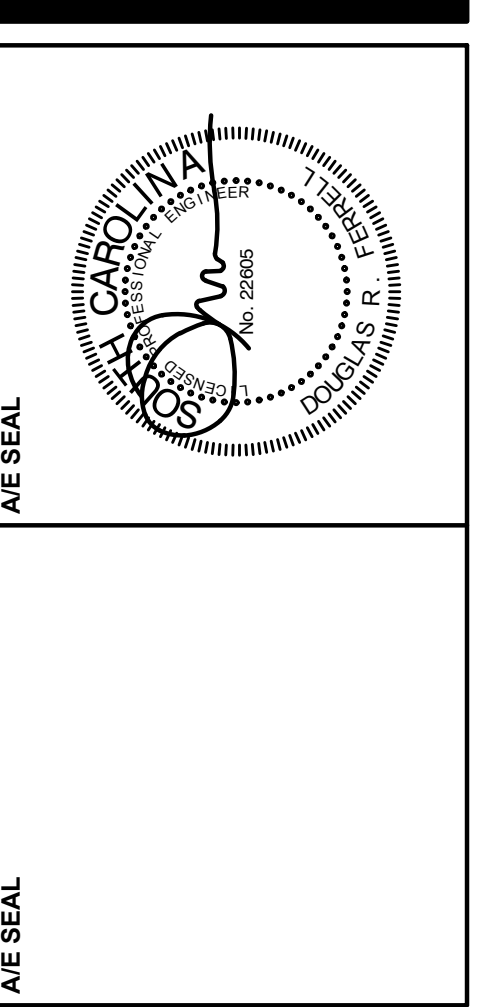
4 GUTTER WALL INLET RETURN 3" = 1'-0"



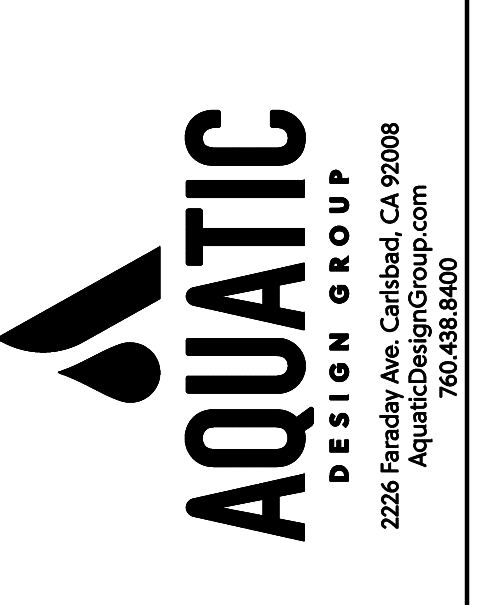
5 END WALL TARGETS 1/2" = 1'-0"



6 RACING LANE LINE 1/2" = 1'-0"



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