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SIR FRANCIS DRAKE HIGH SCHOOL POOL REPLASTER

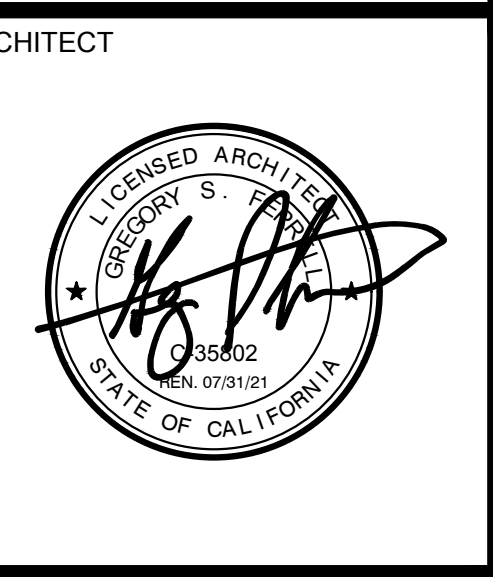
1327 SIR FRANCIS DRAKE BOULEVARD
SAN ANSELMO, CA 94960

PROJECT INFORMATION
SIR FRANCIS DRAKE HIGH SCHOOL POOL REPLASTER
1327 SIR FRANCIS DRAKE BOULEVARD
SAN ANSELMO, CA 94960

OWNER	COMPLY WITH	VICINITY MAP	INDEX:
<p>TAMALPAIS UNION HIGH SCHOOL DISTRICT PO BOX 605 LARKSPUR, CA 94977</p> <p>CONTACT: DAVID O'CONNOR DIRECTOR MAINTENANCE AND OPERATIONS (415) 945-1060</p>	<p>CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING PARTS OF TITLE 24, CALIFORNIA CODE OF RELATIONS (CCR)</p> <p>TITLE 24, PART 1, CCR (2019 EDITION) TITLE 24, PART 2, CCR (2019 UBC W/CAL AMENDS) TITLE 24, PART 3, CCR (2019 NEC W/CAL AMENDS) TITLE 24, PART 4, CCR (2019 UMC W/CAL AMENDS) TITLE 24, PART 5, CCR (2019 UPC W/CAL AMENDS) TITLE 24, PART 9, CCR (2019 UFC W/CAL AMENDS) TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHALL</p>	 <p>PROJECT LOCATION</p> <p>NORTH</p>	<p>CS-1 COVER SHEET</p> <p>DP-1 EXISTING SWIMMING POOL DEMOLITION/CONSTRUCTION PLAN</p> <p>SP-1 EXISTING SWIMMING POOL LAYOUT PLAN</p> <p>SP-2 SWIMMING POOL SECTIONS</p> <p>SP-3 DETAILS</p>
		CHAPTER 4, PART 1, TITLE 24, C.C.R. ADMINISTRATIVE REQUIREMENTS (PARTIAL LISTING ONLY)	PROJECT DESCRIPTION
		<ol style="list-style-type: none"> A COPY OF PARTS 1 AND 2, TITLE 24, C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES. ALL CHANGE ORDERS AND ADDENDA SHALL BE SIGNED BY THE ARCHITECT AND THE OWNER AND APPROVED. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24. TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335 OF PART 1, TITLE 24 AND THE OWNER SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-TEST MAY BE BACK CHARGED TO THE CONTRACTOR. THE ARCHITECT SHALL BE NOTIFIED AT THE START OF CONSTRUCTION PER SECTION 4-331 PART 1, TITLE 24. INSPECTOR SHALL BE APPROVED BY THE OWNER. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(b). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342, PART 1, TITLE 24. SUPERVISION OF CONSTRUCTION BY THE OWNER SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24. DEMOLITION AND CONSTRUCTION FIRE SAFETY SHALL COMPLY WITH CFC CHAPTER 14. 	<p>SCOPE/DESCRIPTION:</p> <p>THE SCOPE OF THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO: REMOVAL OF EXISTING SWIMMING POOL PLASTER AND TILE AS DETAILED ON PLANS. INSTALLATION OF NEW PLASTER AND TILE AND SELECTED OTHER WORK AS SHOWN AND SPECIFIED IN THE CONSTRUCTION DOCUMENTS.</p>

REVISIONS

NO.	DATE	DESCRIPTION



DRAWING TITLE

COVER SHEET

PROJECT NO.	2019.095
DRAWN BY	NMV
CHECKED BY	SJF
DATE	01/23/2020

DRAWING NO.

CS-1

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1327 SIR FRANCIS DRAKE BOULEVARD
SAN ANSELMO, CA 94960

PROJECT INFORMATION

REVISIONS

NO.	DATE	DESCRIPTION

ARCHITECT



DRAWING TITLE

**SWIMMING POOL
DEMOLITION /
CONSTRUCTION
PLAN**

PROJECT NO.	2019.095
DRAWN BY	NMV
CHECKED BY	SJF
DATE	01/23/2020

DRAWING NO.

DP-1

(E) SWIMMING POOL DATA

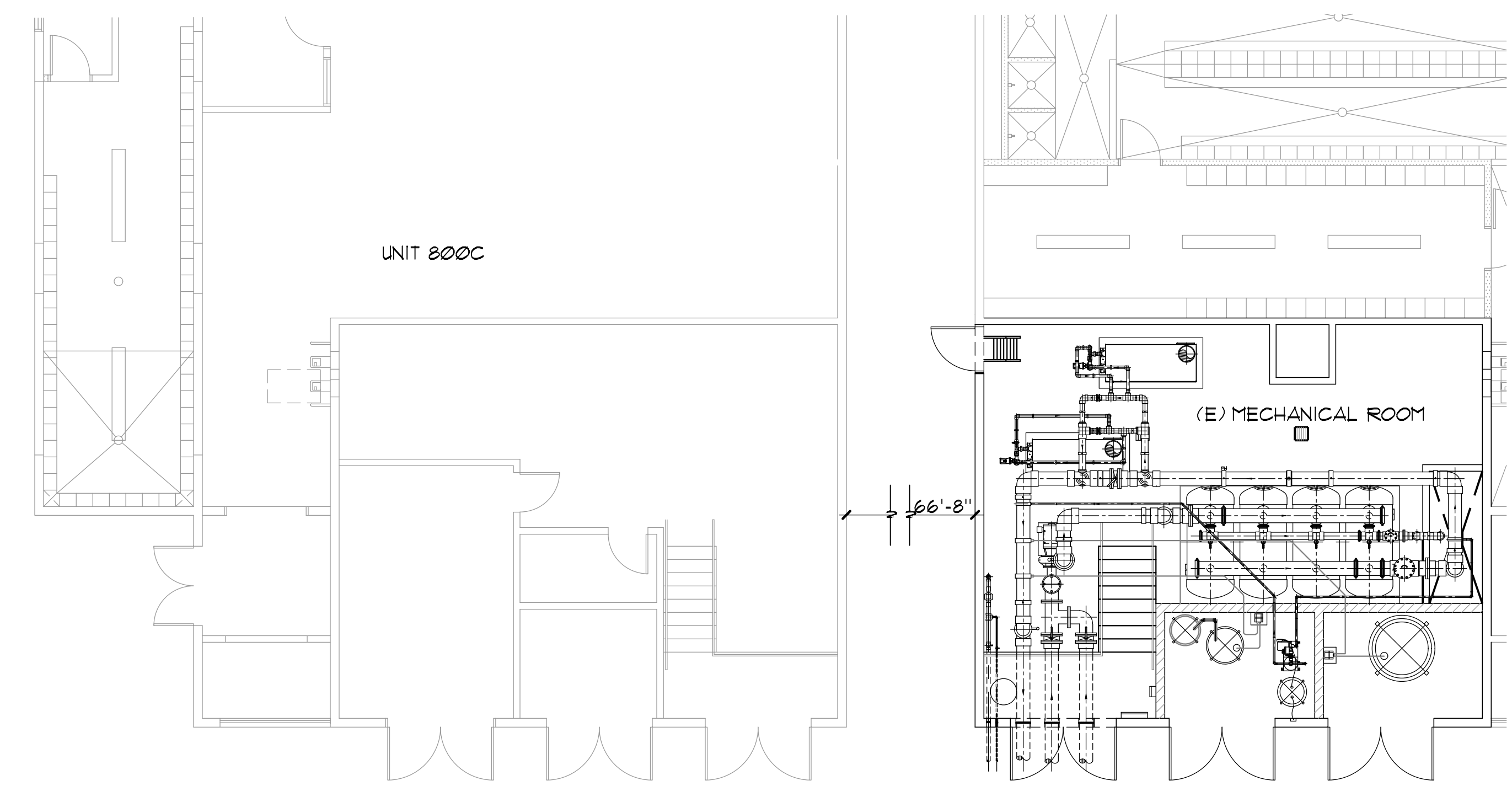
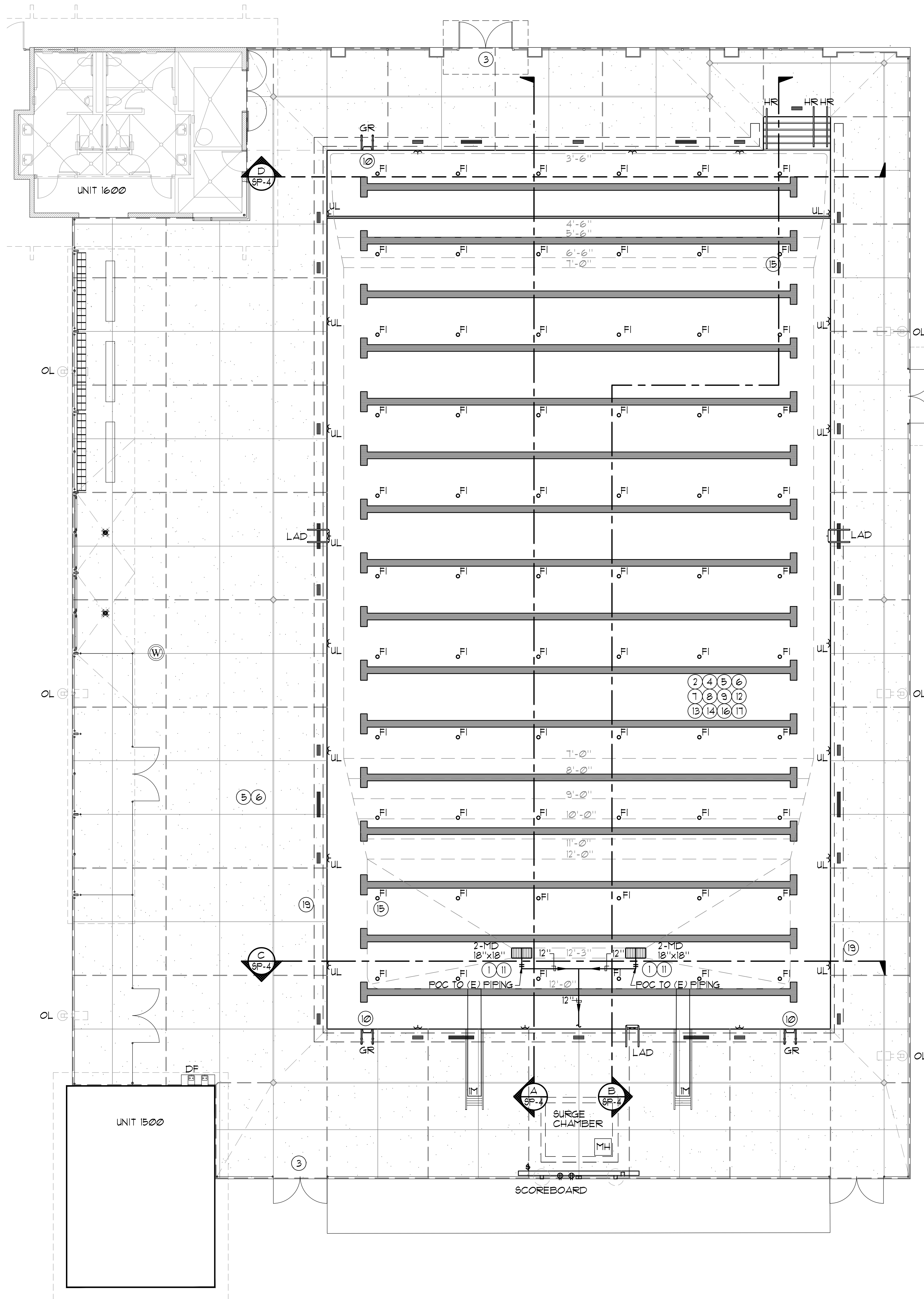
SURFACE AREA	=	9,885 SQ. FT.
PERIMETER	=	422 FT.
DEPTHS	=	3'-6" TO 12'-3"
VOLUME	=	585,810 GAL.
6 HR TURNOVER	=	1628 GPM

LEGEND

MD	=	MAIN DRAIN
LAD	=	LADDER
GR	=	GRABRAIL
M	=	ONE METER DIVE STAND
HR	=	HANDRAIL
OL	=	OVERHEAD LIGHT
DF	=	DRINKING FOUNTAIN
FI	=	FLOOR INLET
MH	=	MANHOLE
UL	=	UNDERWATER LIGHT

DEMOLITION/CONSTRUCTION NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR POOL DRAIN DOWN WITH OWNER COORDINATION. CARE IS TO BE TAKEN TO RELIEVE ANY HYDROSTATIC PRESSURE THROUGH EXISTING HYDROSTATIC RELIEF VALVES AND DRAINING THE POOL SLOWLY.
- THE CONTRACTOR SHALL COORDINATE DEMOLITION WITH ALL OTHER TRADES, AND SHALL PROTECT ALL EXISTING WORK, BUILDINGS, AND UTILITIES. THE CONTRACTOR SHALL PROTECT ALL UNDERWATER LIGHTS, PIPING, ETC. TO REMAIN AND AS REQUIRED FOR REPLASTER OF EXISTING SWIMMING POOL.
- COORDINATE INGRESS/EGRESS AND HAUL ROUTES WITH THE OWNER PRIOR TO START OF WORK.
- SWIMMING 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.
- COORDINATE PROPOSED CONTRACTOR STAGING AREA WITH THE OWNER PRIOR TO CONSTRUCTION. PROVIDE TEMPORARY PHONE, TOILET(S), FENCING, GATES, ETC. AS REQUIRED.
- CONTRACTOR IS TO PHOTOGRAPH AND DOCUMENT ON A PLAN ANY AND ALL EXISTING DAMAGED ITEMS/SURFACES, FINISHES IN AND IMMEDIATELY AROUND THE WORK AREA AND ALONG ALL WORK PATHS FROM STAGING AREA PRIOR TO THE START OF WORK. CONTRACTOR IS TO SITE WALK ALL EXISTING DAMAGED AREAS WITH THE OWNER AND PROVIDE A COPY OF THE PHOTOGRAPHS AND DOCUMENTATION BEFORE WORK BEGINS. FAILURE TO PROVIDE THIS INFORMATION REPRESENTS ACCEPTANCE BY THE CONTRACTOR THAT ALL EXISTING SURROUNDING FINISHES (CONCRETE, AC PAVING, FLOORING, ETC.) AND ALL GATES, DOORS, PATHWAYS, ETC. ARE UN-DAMAGED AND IN CLEAN AND FUNCTIONING CONDITION, AND CONTRACTOR ACCEPTS THE RESPONSIBILITY TO MAINTAIN AND CORRECT ANY DAMAGE LATER FOUND BY THE OWNER DURING CONSTRUCTION PERIOD IN THESE AREAS AT NO EXPENSE TO THE OWNER.
- REMOVE EXISTING DECK EQUIPMENT AS REQUIRED, PRIOR TO DEMOLITION.
- REMOVE EXISTING SWIMMING POOL PLASTER FINISH, RACING LANE LINE TILE, TARGET TILE, 4" DEPTH TILE AND STEP TRIM TILE DOWN TO ORIGINAL SOUND CONCRETE/SHOTCRETE. ANY CRACKS LARGE ENOUGH TO INSERT THE EDGE OF A DIME INTO SHALL BE CHIPPED OUT TO A MINIMUM OF 3/4"x3/4" AND THEN FILLED FLUSH WITH NON-SHRINK GROUT. ALL EXPOSED REBAR, RUST SPOTS, ETC. SHALL BE 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 NEW TILED LANE LINES, END WALL TARGETS, DEPTH MARKER TILE AND PRIOR TO NEW WHITE PLASTER INSTALLATION.
- EXISTING SWIMMING POOL DECK DEPTH MARKERS SHALL BE REVISED PER PLANS TO PROVIDE FT. AND IN. DESIGNATIONS AND NO DIVING ON ALL 6'-0" OR LESS MARKERS PER SPECIFICATIONS.
- REMOVE AND REPLACE ANY DAMAGED EXISTING GRABRAIL STEPS.
- REMOVE EXISTING POOL FLOOR MAIN DRAIN FRAMES AND GRATES AS REQUIRED TO INSTALL TWO (2) NEW 18"x36" LAWSON AQUATICS' MLD-FG-1836 SUMP, FRAME, AND GRATES. THE CONTRACTOR SHALL CERTIFY THE MAIN DRAIN SYSTEMS AS V.G.E. COMPLIANT. THE CONTRACTOR SHALL ENSURE THAT MAIN DRAINS MEET CURRENT STANDARDS AND ARE CERTIFIED WITH CURRENT REQUIREMENTS. POC TO (E) 12" MD SUCTION LINE AT EACH MAIN DRAIN.
- THE CONTRACTOR SHALL INSURE THAT ALL SURFACES ARE PREPARED TO RECEIVE PLASTER FINISH. WEATHER CONDITIONS SHALL BECOME A CRITICAL PART OF WORK AND SHALL BE TAKEN INTO CONSIDERATION AT THE TIME OF PLASTER APPLICATION.
- 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.
- THE CONTRACTOR SHALL REPAIR OR REPLACE ANY ITEMS DAMAGED DUE TO DEMOLITION AND/OR CONSTRUCTION AT NO COST TO THE OWNER INCLUDING BUT NOT LIMITED TO FITTINGS, EQUIPMENT, ANCHORS, ETC.
- REPLACE ANY DAMAGED OR MISSING FLOOR INLET COVER PLATES, AND ANY DAMAGED INLETS COMPLETELY PER SPECIFICATIONS.
- REPLACE EXISTING POOL TILE INCLUDING ALL RACING LANE LINES, END WALL TARGETS. ANY DAMAGED GUTTER CAP TILE, ANY DAMAGED WATERLINE TILE 4'-6" DEPTH TILE AND STEP TRIM TILE. PREPARE ALL SURFACES TO RECEIVE NEW TILE PER PLANS.
- REFER TO SHEET 9P-1 FOR EXISTING POOL LAYOUT PLAN IN COORDINATION WITH CONTRACTOR FIELD LAYOUT AND EXISTING INFORMATIONAL PLANS.
- 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 HOSES, FILLING AND PROTECTION OF PLASTER SURFACES. FILL SOURCE SHALL BE BLOWN-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.
- PRIOR TO PLASTERING POOL, CLEAN AND REPAIR POOL GUTTERS AND PROVIDE TWO (2) COATS OF WATERPROOFING PER SPECIFICATIONS.



SWIMMING POOL DEMOLITION/CONSTRUCTION PLAN

1/8" = 1'-0"

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PROJECT INFORMATION
SIR FRANCIS DRAKE HIGH
SCHOOL POOL REPLASTER
 1327 SIR FRANCIS DRAKE BOULEVARD
 SAN ANSELMO, CA 94960

REVISIONS

NO.	DATE	DESCRIPTION



DRAWING TITLE
EXISTING
SWIMMING
POOL LAYOUT
PLAN

PROJECT NO.	2019.095
DRAWN BY	NMV
CHECKED BY	SJF
DATE	01/23/2020

DRAWING NO.

SP-1

(E) SWIMMING POOL DATA

SURFACE AREA	=	9,285 SQ. FT.
PERIMETER	=	422 FT.
DEPTHS	=	3'-6" TO 12'-3"
VOLUME	=	585,810 GAL.
6 HR TURNOVER	=	1,628 GPM

LEGEND

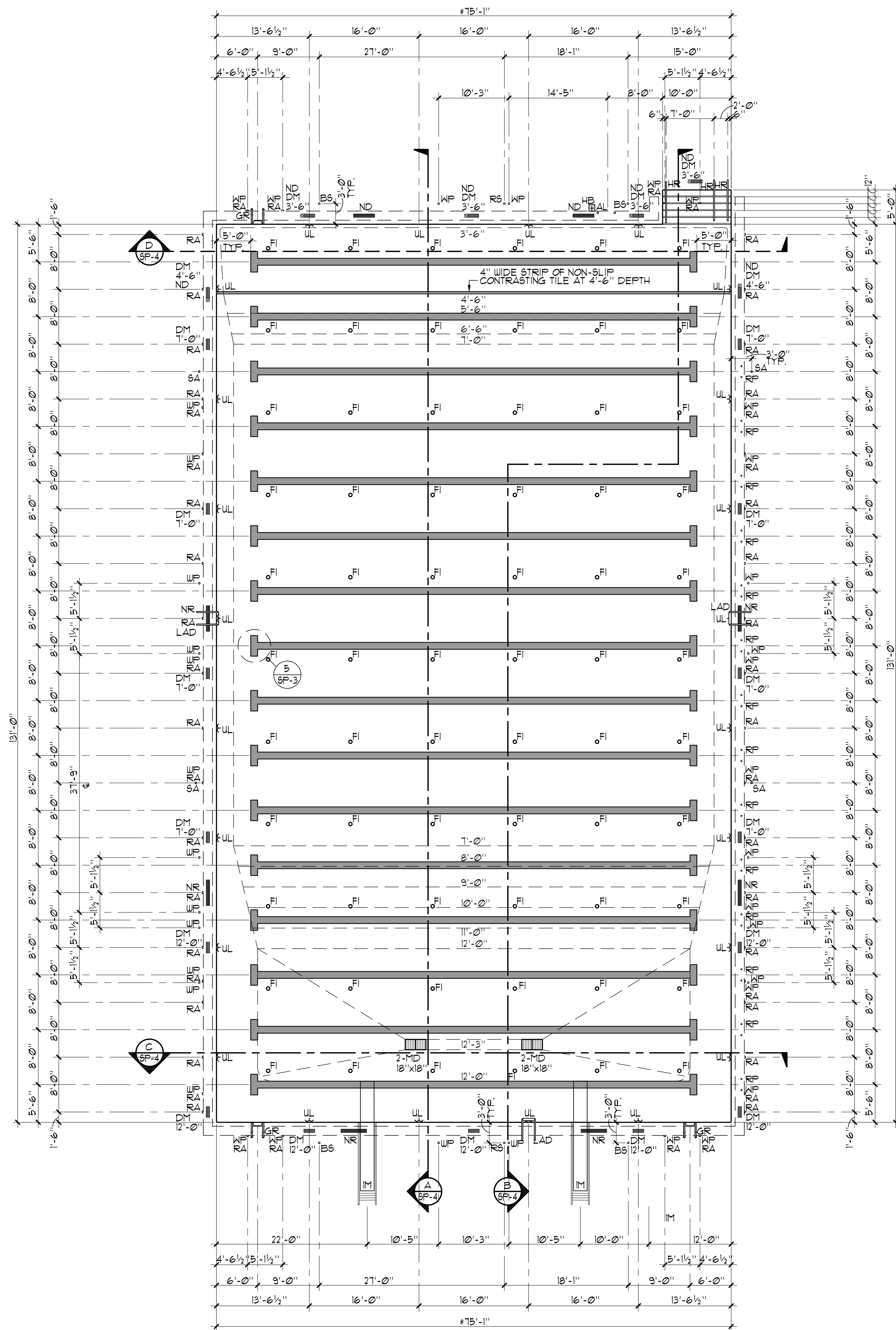
- DM = DEPTH MARKER
- N = NO DIVING
- MD = MAIN DRAIN
- GR = GRABRAIL
- NR = 'NO RUNNING'
- RA = ROPE ANCHOR
- RP = RACING PLATFORM
- XP = WATER POLO GOAL
- BS, RB = BACKSTROKE/RECALL STANCHION
- UL = UNDERWATER LIGHT
- AL = DISABLED LIFT
- IT = 1 METER DIVE STAND
- LAD = LADDER
- HB = HOSE BIB
- HR = HANDRAIL

CERTIFICATION REQUIREMENTS

* THE CONTRACTOR SHALL RETAIN AN INDEPENDENT LICENSED SURVEYOR TO PROVIDE CERTIFICATION OF COMPLIANCE FOR REQUIRED POOL LENGTHS IN ACCORDANCE WITH USA SWIMMING REGULATIONS. THE SURVEYOR SHALL SUBMIT THE COMPLETED FORM TO USA SWIMMING NATIONAL EVENTS DEPARTMENT AND PROVIDE COPIES TO OWNER AND ARCHITECT.

SHORT COURSE - 25 YDS; (ALLOWS FOR TOUCH PADS AT ONE END) 15'-0 5/16" MIN.; 15'-1 3/16" MAX.

TOLERANCE AGAINST LENGTH SHALL EXTEND IN A VERTICAL PLANE 0.3M (12") ABOVE AND 0.2M (8") BELOW THE SURFACE OF THE WATER AT ALL POINTS OF BOTH END WALLS TYP. OF ALL COURSES.



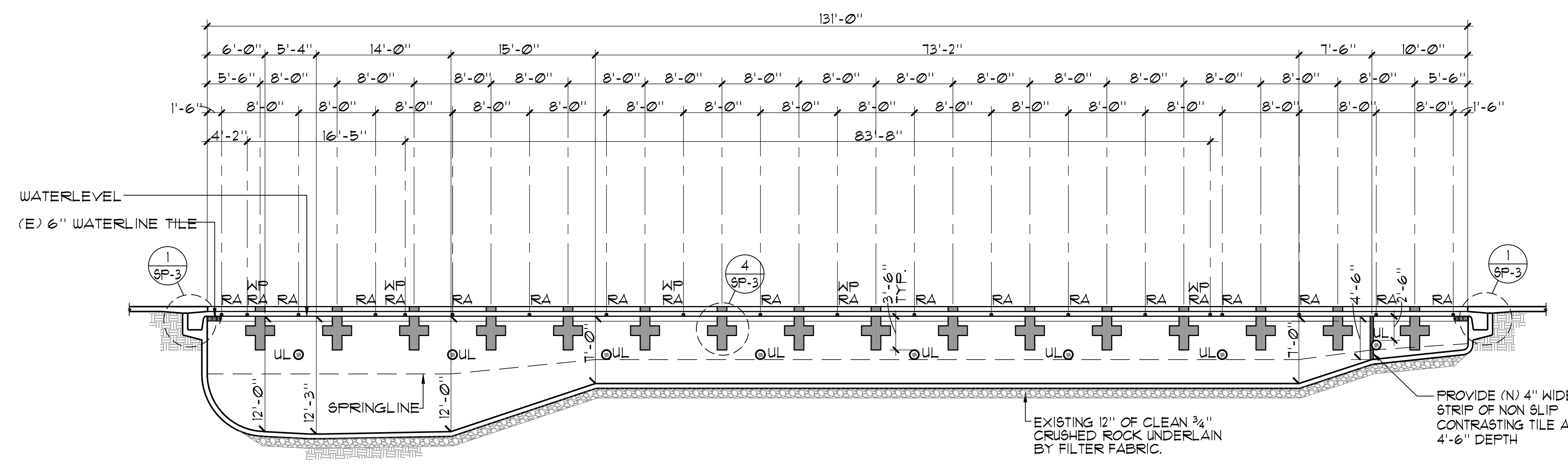
SWIMMING POOL LAYOUT PLAN

1/8" = 1'-0"



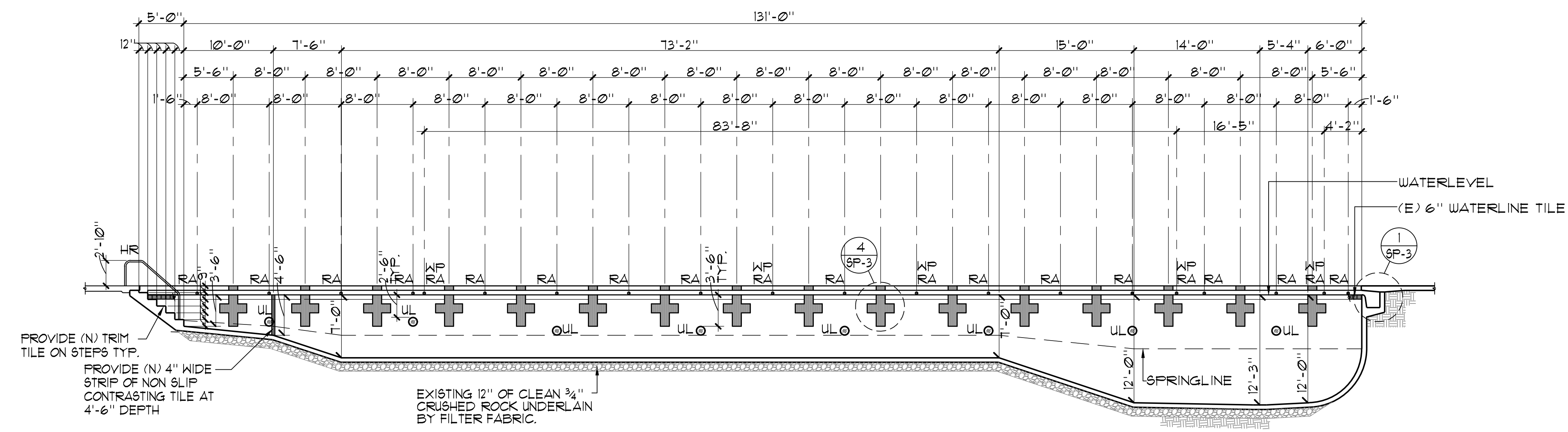
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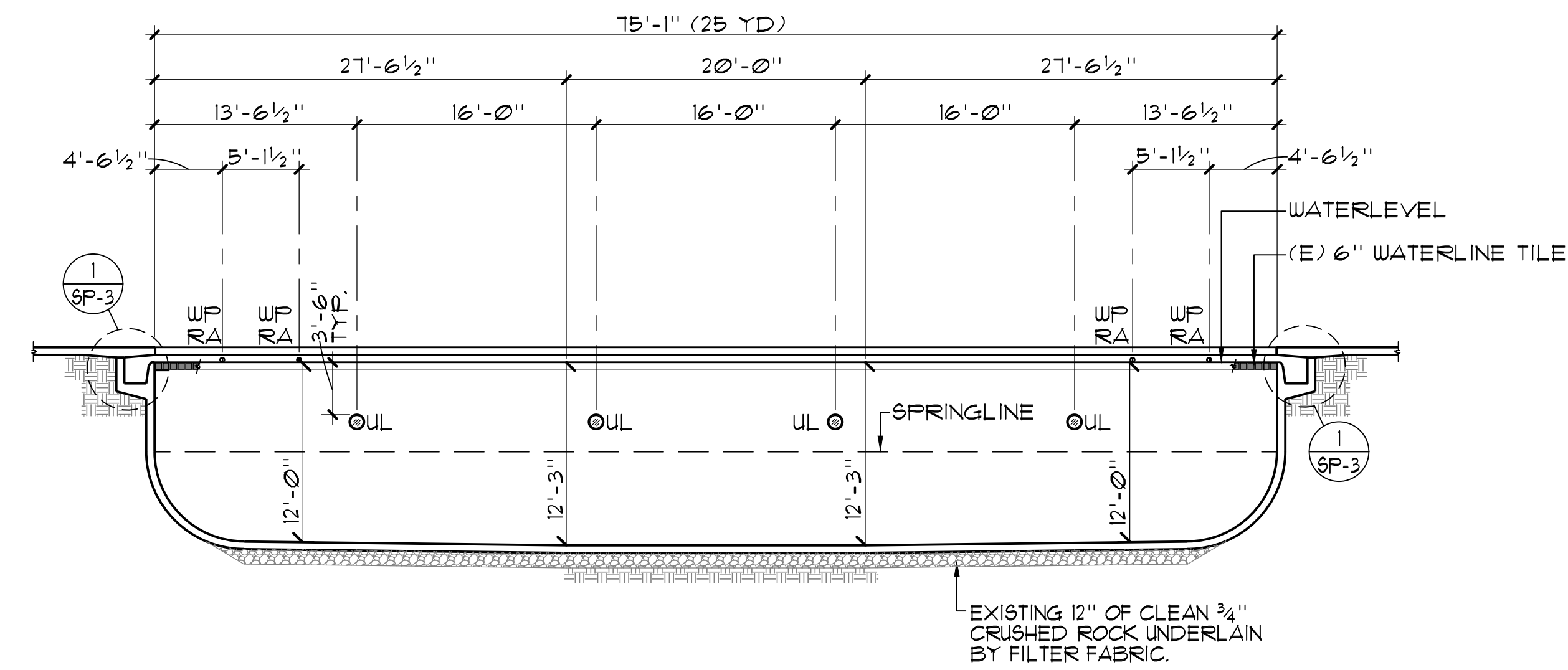
A

SWIMMING POOL SECTION 1/8"=1'-0"



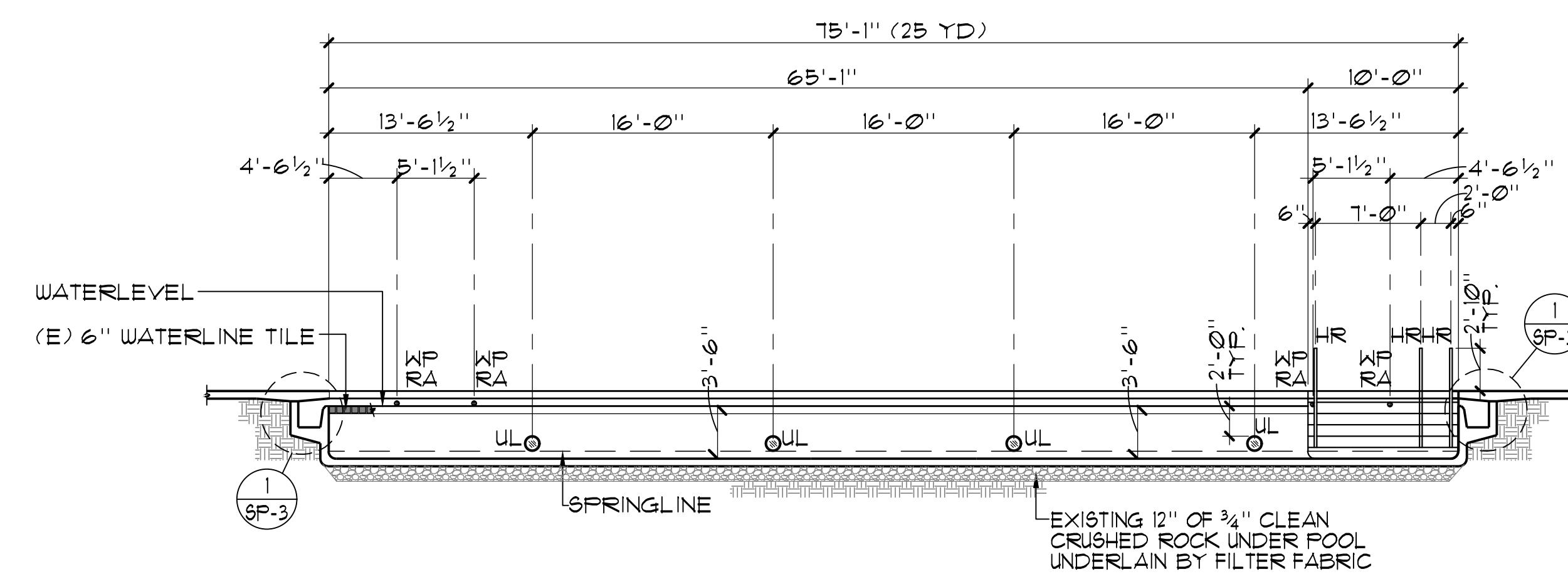
B

SWIMMING POOL SECTION 1/8"=1'-0"



C

SWIMMING POOL SECTION 1/8"=1'-0"



D

SWIMMING POOL SECTION 1/8"=1'-0"

REVISIONS

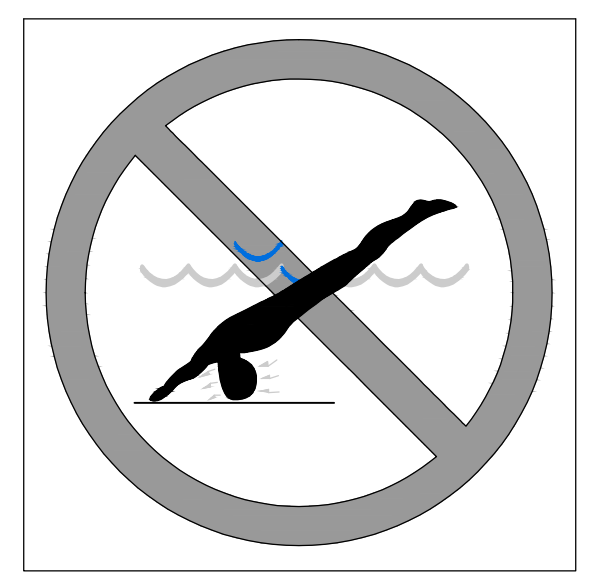
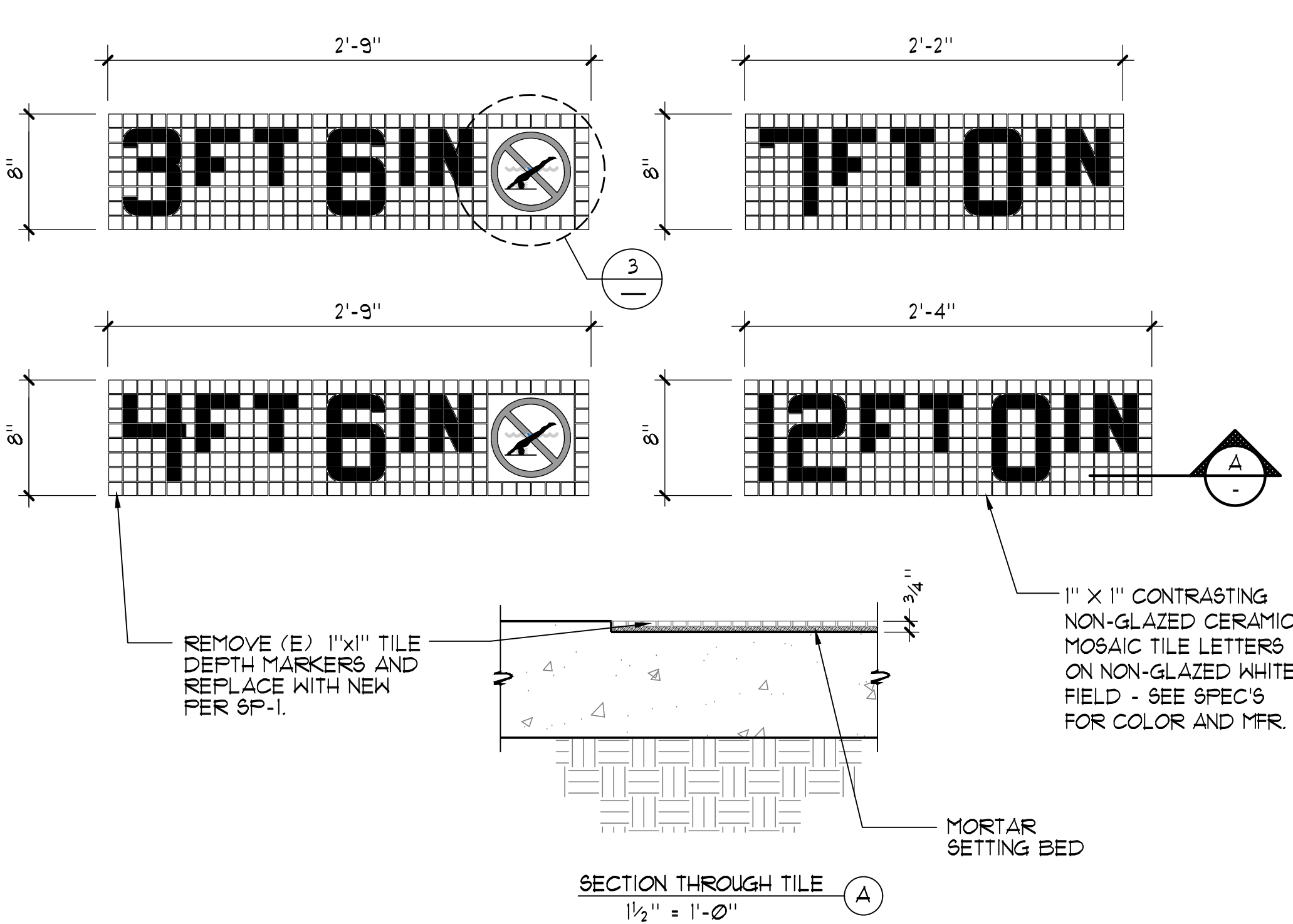
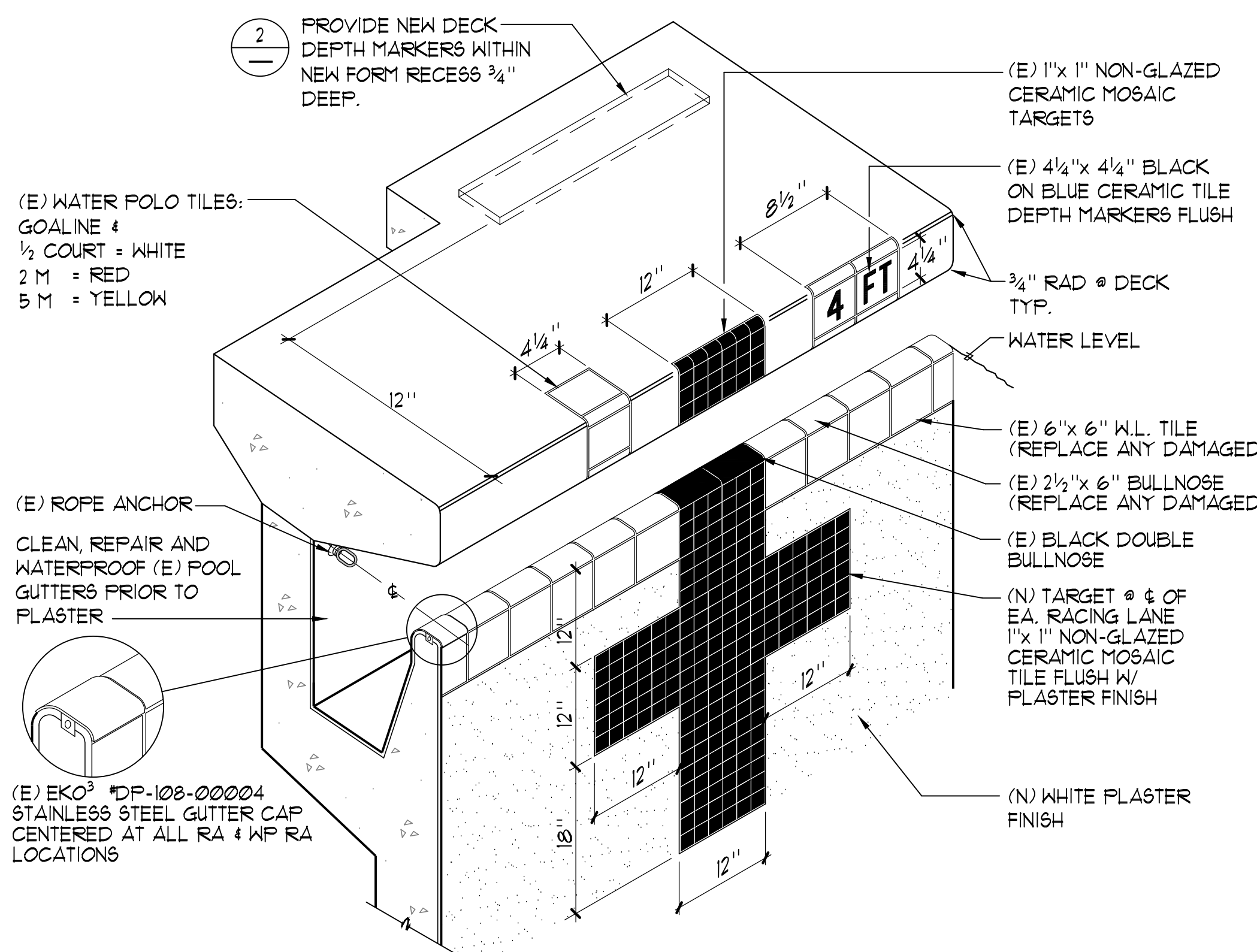
NO.	DATE	DESCRIPTION



DRAWING TITLE
SWIMMING POOL SECTIONS

PROJECT NO.	2019.095
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DRAWING NO.
SP-2



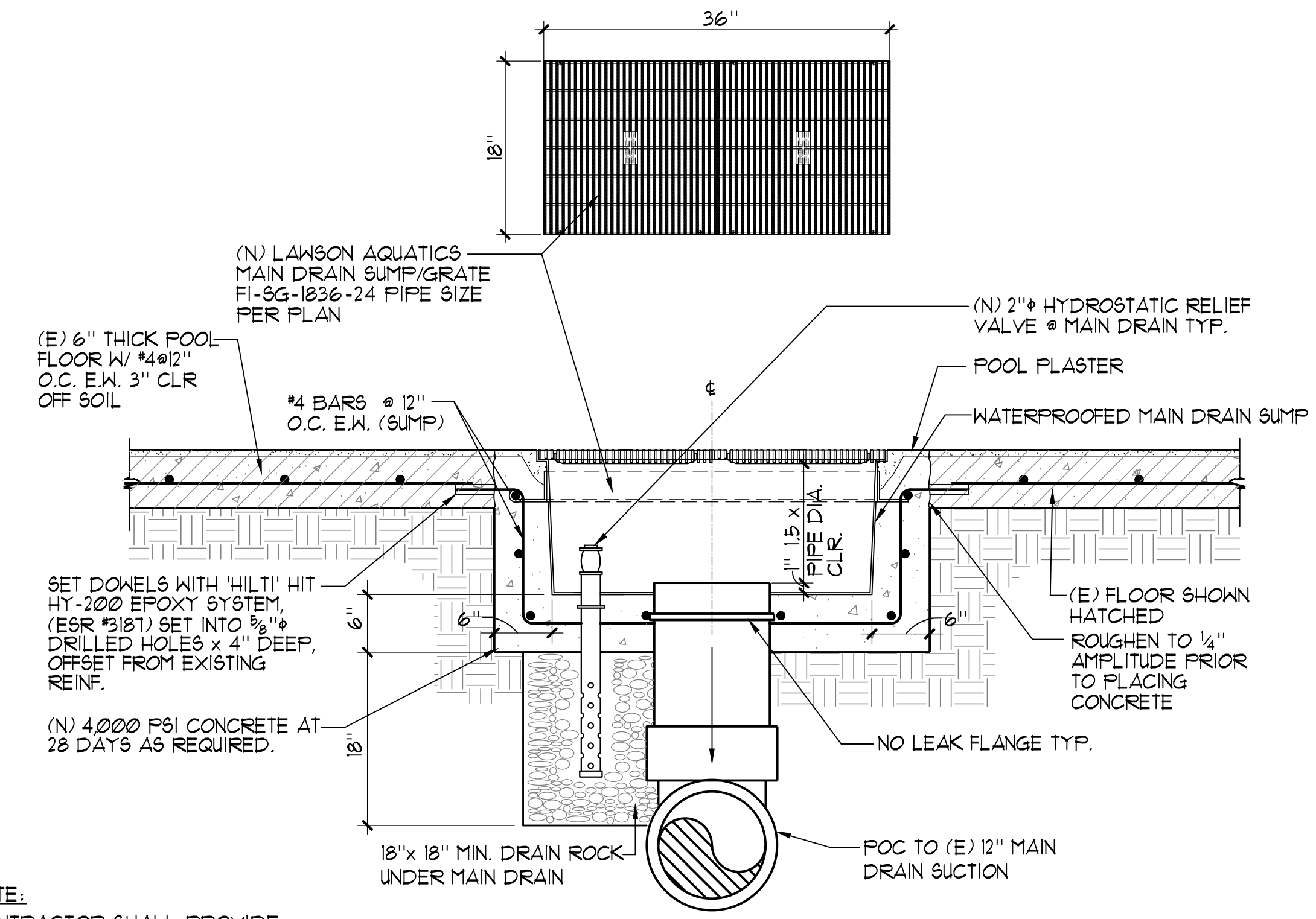
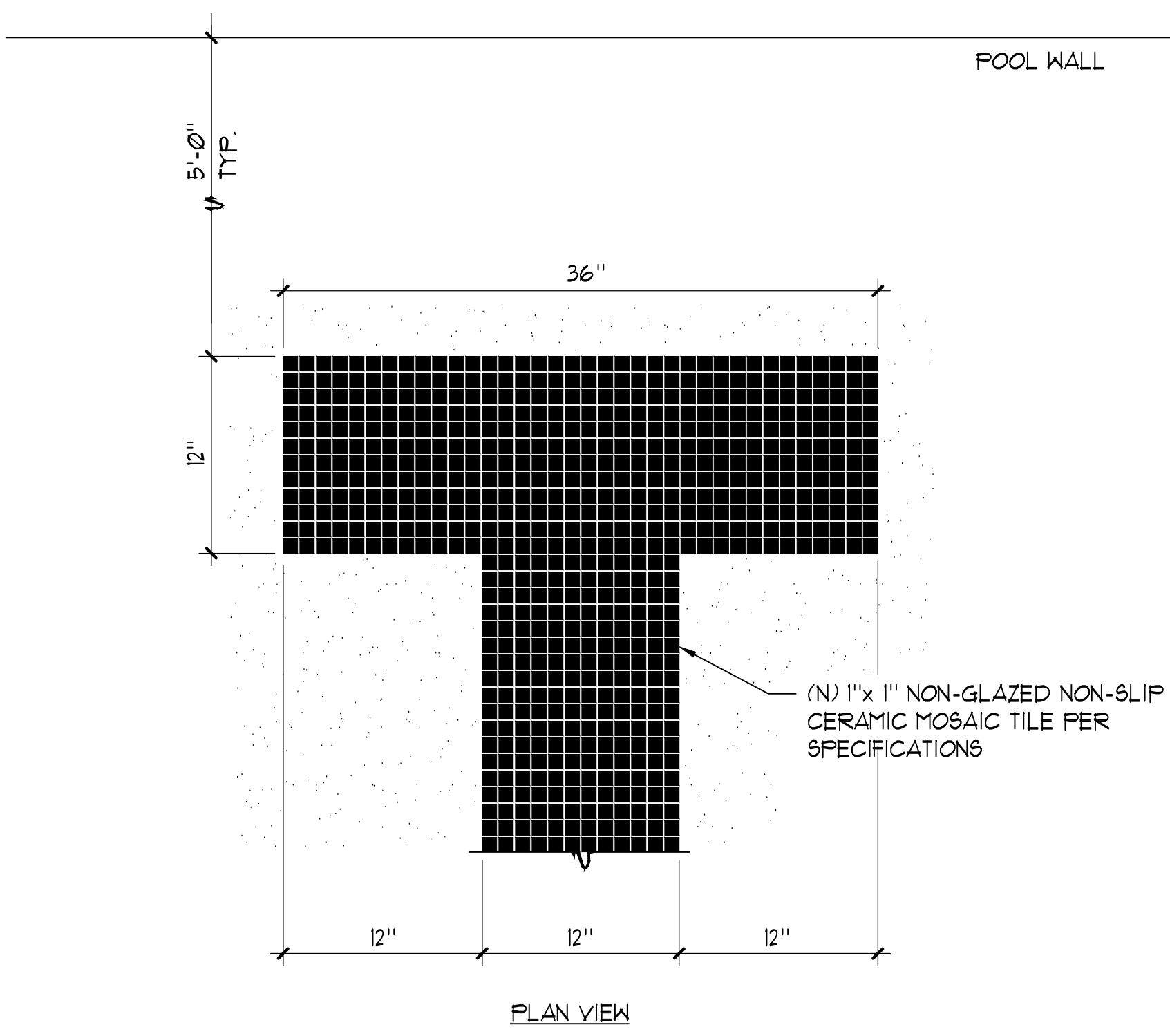
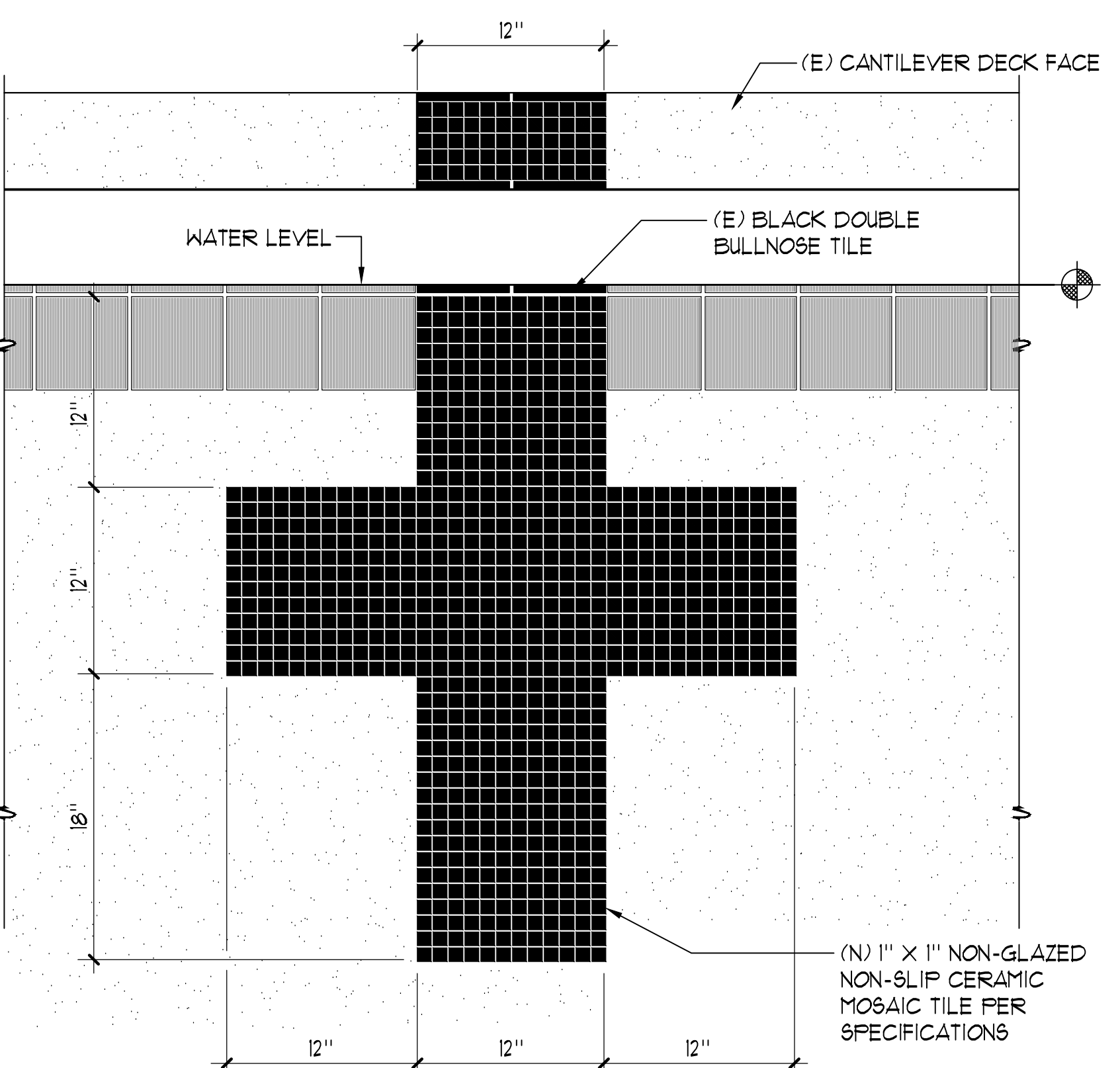
NOTE: PLACE $6\frac{1}{2}$ " x $6\frac{1}{2}$ " IN DECK AT ALL NO DIVING TILE MARKER LOCATIONS 2

- SILK SCREEN
1. INLAY'S DOUBLE GLAZED WHITE SLIP RESISTANT TILE TYP. OF (1) PIECE OVER $\frac{1}{4}$ " MORTAR BED WITH $\frac{1}{8}$ " GROUT JOINTS. SEE PLAN FOR LOCATION.
 2. $1\frac{1}{2}$ " WIDE RED CIRCLE WITH $1\frac{1}{2}$ " WIDE RED DIAGONAL LINE.
 3. $\frac{1}{8}$ " BLUE WATER.
 4. $\frac{1}{8}$ " RED TICKS ABOUT THE HEAD.
 5. TAN COLOR BODY WITH BLACK OUTLINE, HAIR AND TRUNKS.
 6. $\frac{1}{8}$ " BLACK POOL FLOOR.

1 DEEP GUTTER PERSPECTIVE NO SCALE

2 DEPTH MARKERS $1\frac{1}{2}$ " = $1\text{-}\phi$ "

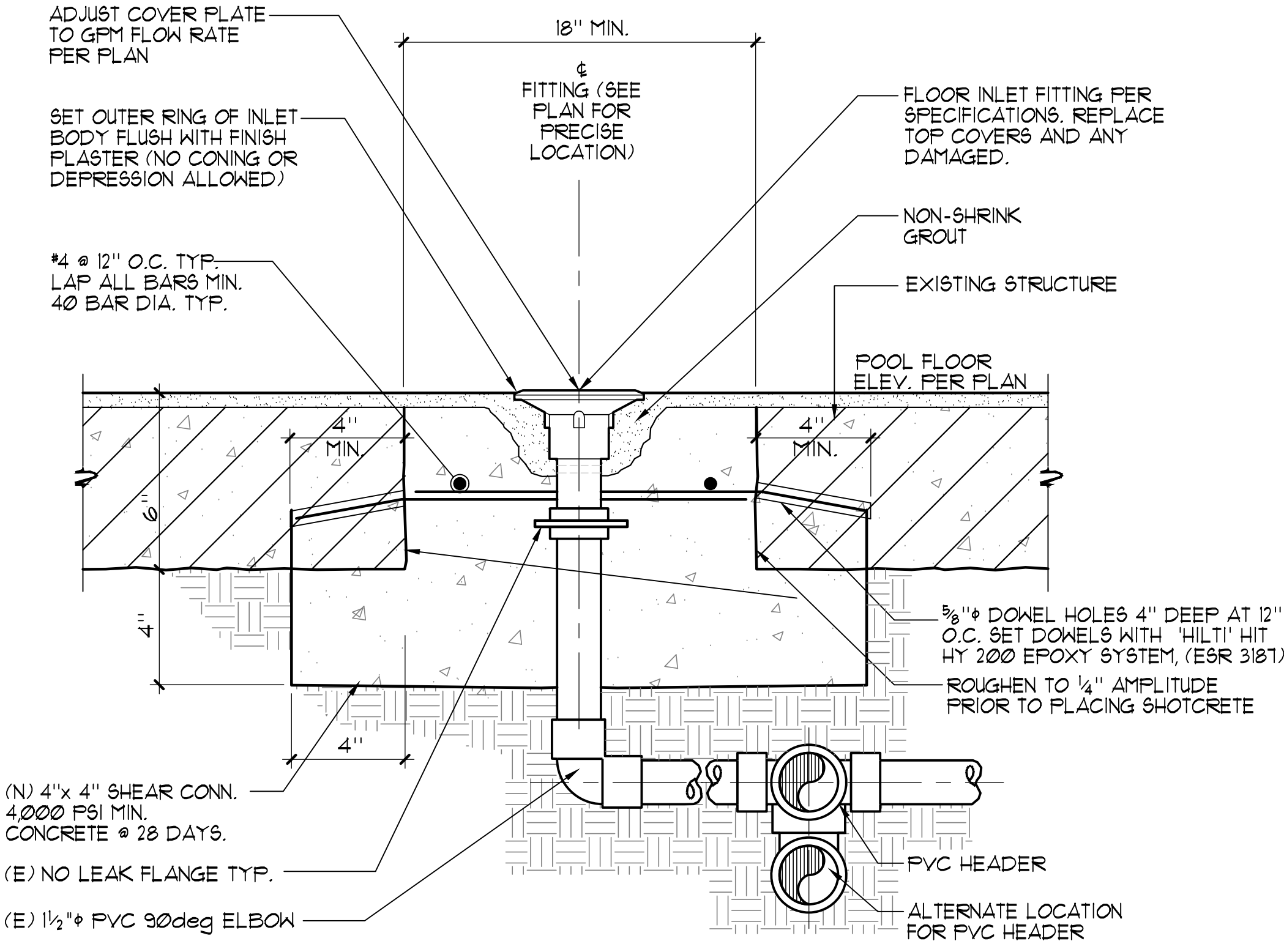
3 INTERNATIONAL NO DIVING MARKER $\frac{1}{2}$ " = $1\text{-}\phi$ "



4 END WALL TARGETS $1\frac{1}{2}$ " = $1\text{-}\phi$ "

5 RACING LANE LINE $1\frac{1}{2}$ " = $1\text{-}\phi$ "

6 MAIN DRAIN REPLACEMENT DETAIL $1\frac{1}{2}$ " = $1\text{-}\phi$ "



7 FLOOR INLET DETAIL $3\frac{1}{2}$ " = $1\text{-}\phi$ "



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NO.	DATE	DESCRIPTION



DRAWING TITLE
 DETAILS

PROJECT NO.	2019.095
DRAWN BY	NMV
CHECKED BY	SJF
DATE	01/23/2020

DRAWING NO.
 SP-3