

EXHIBIT A1

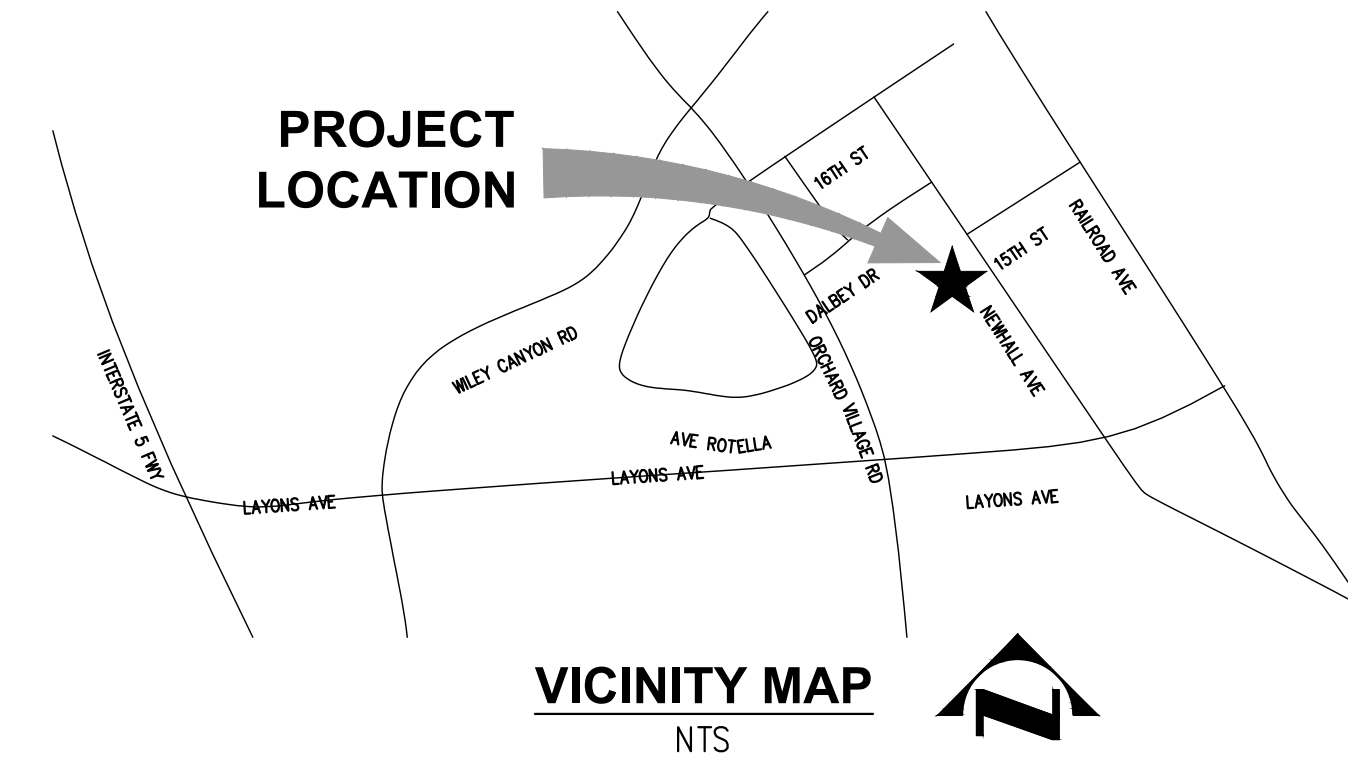
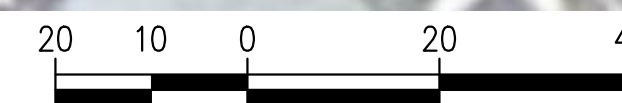
NEWHALL PARK POOL

TEMPORARY POOL RECIRCULATION PLAN

100% CONSTRUCTION DOCUMENTS



SITE PLAN
1"=20'



CONTACTS:

CLIENT

CITY OF SANTA CLARITA
23920 VALENCIA BOULEVARD, SANTA CLARITA, CA 91355
PHONE: (661) 290-2235
CONTACT: KATIE KNYBEL
PROJECT MANAGER
PARKS PLANNING AND OPEN SPACE

DESIGN ENGINEER:

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17520 NEWHOPE STREET, SUITE 200
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PHONE: (714) 481-7300
CONTACT: ZIRANG SONG, P.E.

SCOPE OF WORK:

TEMPORARY RECIRCULATION PLAN DURING CONSTRUCTION

NO.	BY	DATE	REVISIONS	DATE	APP.



PREPARED BY ZIRANG SONG	PROJECT ENGINEER R.C.E. NO. — # 69315	SCALE AS SHOWN	DATE 08/2025
EXP. 06/30/2026	DRAWN E.C.	DESIGNED E.C.	CHECKED Z.S.

TITLE SHEET

NEWHALL PARK POOL
TEMPORARY RECIRCULATION
PLANS
SANTA CLARITA CA

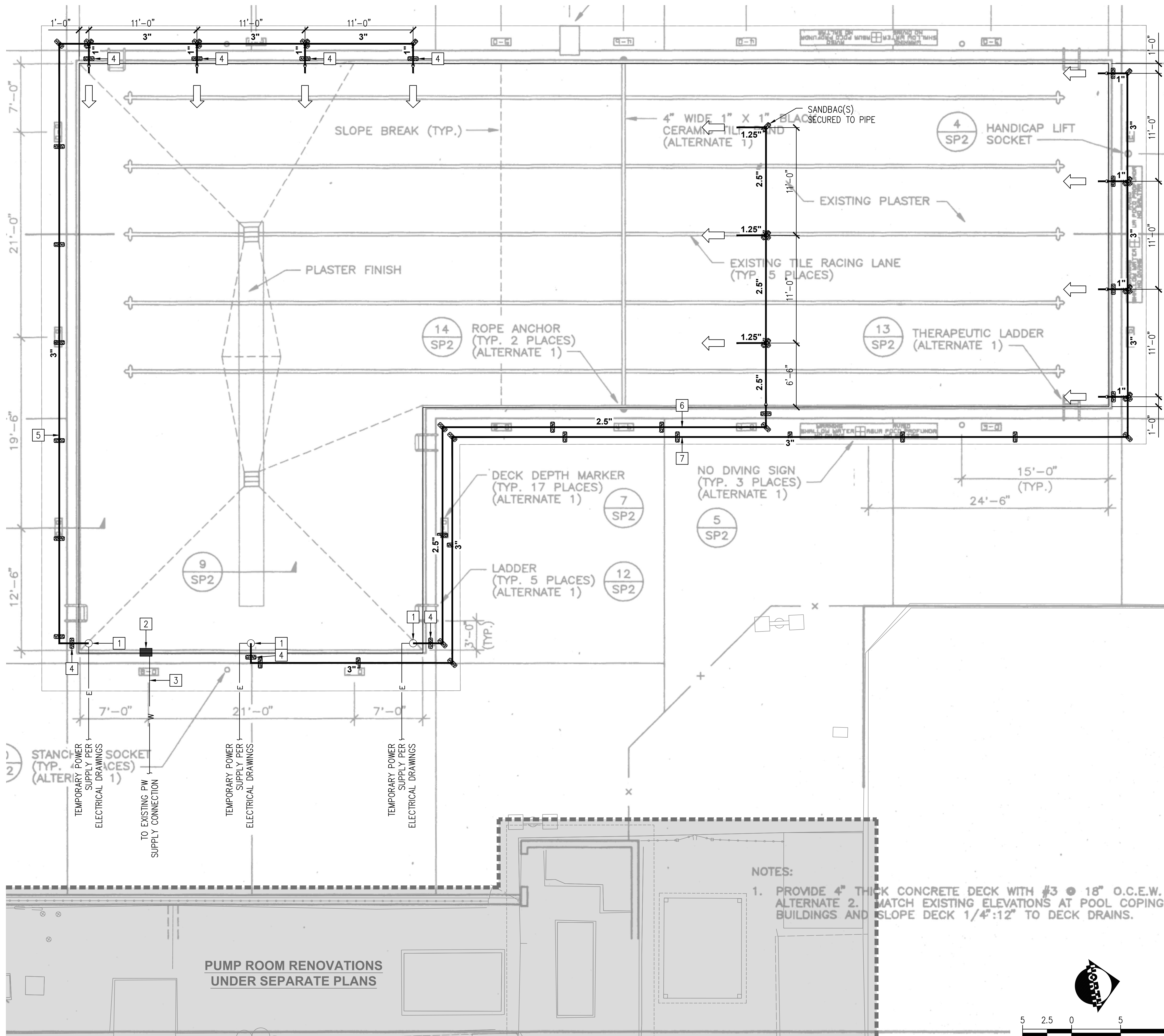


SHEET
G1.0
01 OF 06 SHEETS
JOB NO. C258

\\fs-0258\T\p\c258-06.dwg, C258, Survey Basefile.dwg, Vicinity_Map.dwg, Dimstyle = 1; LType = 1; PStyle = 1; ACAD Ver. = 2.10; (LMS Tech); Version = 1

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Aug. 29, 2025



SITE PLAN
SCALE: 1"=5'-0"

LEGEND:

- W — POTABLE WATER
- E — ELECTRICAL SERVICE
- TEMPORARY DISCHARGE PIPING
- ⇒ FLOW ARROW

GENERAL NOTES:

- THESE DRAWINGS ARE FOR THE TEMPORARY RECIRCULATION OF THE POOL DURING THE PUMP ROOM RENOVATION. FOR INFORMATION FOR THE PUMP ROOM RENOVATION, SEE "NEWHALL PARK POOL PUMP ROOM BUILDING RENOVATION PLANS 100% CONSTRUCTION DOCUMENTS."
- THE PURPOSE OF THE SYSTEM IS TO RUN 24/7 DURING THE ENTIRE PERIOD OF CONSTRUCTION UNTIL THE PERMANENT RECIRCULATION IS UP AND RUNNING, THIS INCLUDES NIGHTS AND WEEKENDS.
- CONTRACTOR SHALL INCLUDE PROPER SIGNAGE AND BARRIER AROUND THE POOL TO DETER ANYONE FROM ENTERING THE POOL. IF ENTERING THE POOL IS NECESSARY FOR ANY REASON, CONTRACTOR SHALL DISCONNECT THE SUBMERSIBLE PUMPS AND REMOVE FROM THE POOL.
- CONTRACTOR TO ENSURE THAT THE TEMPORARY RECIRCULATION IS UP AND RUNNING PRIOR TO THE START OF DEMOLITION AND IS RESPONSIBLE FOR COORDINATING ALL NECESSARY WORK.
- CONTRACTOR SHALL LOWER THE WATER LEVEL BY 4-INCHES TO KEEP ANY WATER FROM FLOWING INTO THE RIM GUTTER SYSTEM.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FURNISH, INSTALL, AND MAINTAIN ALL TEMPORARY RECIRCULATION EQUIPMENT DURING THE CONSTRUCTION DURATION AND ALSO TO DEMOLISH AND DISPOSE OF THE TEMPORARY RECIRCULATION EQUIPMENT ONCE CONSTRUCTION IS DONE. AT THE OPTION OF THE CITY, THE SUBMERSIBLE PUMPS SHALL BE PROVIDED TO THEM FOR THEIR FUTURE USE.
- CONTRACTOR TO ENSURE THAT TEMPORARY PIPING DOES NOT POSE AS A TRIP HAZARD.

POOL WATER QUALITY:

- THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT THE POOL'S WATER QUALITY IS AT THE CORRECT RANGES. THIS INCLUDES THE SUPPLY OF ALL NECESSARY CHEMICALS, DOSING, AND DAILY TESTING AND DOCUMENTATION. ANY DEVIATIONS FROM THE FOLLOWING PARAMETERS MAY BE DETRIMENTAL TO THE PLASTER QUALITY:
 - CSI: -0.3 TO 0.3
 - pH: 7.2 TO 7.8
 - CALCIUM HARDNESS: 300 TO 600 PPM
 - TOTAL ALKALINITY: 80 TO 120 PPM
 - FREE CHLORINE: 1 TO 3 PPM

PIPING GENERAL NOTES:

- ALL TEMPORARY PIPING SHALL BE SCH 40 PVC FOR ALL SIZES.
- ALL VALVES SHALL BE ROTATED/ORIENTED PER MANUFACTURE'S RECOMMENDATIONS.
- CONTRACTOR TO PROVIDE TEMPORARY PIPE SUPPORTS BY UTILIZING SANDBAGS OR OTHER TEMPORARY WEIGHTS WITHOUT DRILLING INTO THE EXISTING CONCRETE DECK.

CONSTRUCTION NOTES:

- SUBMERSIBLE PUMP PER "LITTLE GIANT" MODEL 10EC-CIM, 1/2 HP, 120V, 1Ø, 65 GPM AT 6 FEET TDH, 20 FT CORD OR APPROVED EQUAL (3 PLCS), PROVIDE WITH CHAIN ACCESSIBLE FROM THE DECK TO LIFT THE SUBMERSIBLE PUMP OUT OF THE WATER
- TEMPORARY POOL AUTOFILL SYSTEM PER "POOL AUTO FILL" WITH WEIGHTED PILLOW OR APPROVED EQUAL, INSTALLATION LOCATION SHALL BE FIELD DETERMINED
- 3/4" HOSE CONNECTED TO THE POTABLE WATER SUPPLY
- SANDBAG TO WEIGH DOWN PIPES AND AS PIPE SUPPORT
- TEMPORARY PVC SCH 40 RECIRCULATION PIPELINE #1
- TEMPORARY PVC SCH 40 RECIRCULATION PIPELINE #2
- TEMPORARY PVC SCH 40 RECIRCULATION PIPELINE #3

NO.	BY	DATE	REVISIONS	DATE	APP.

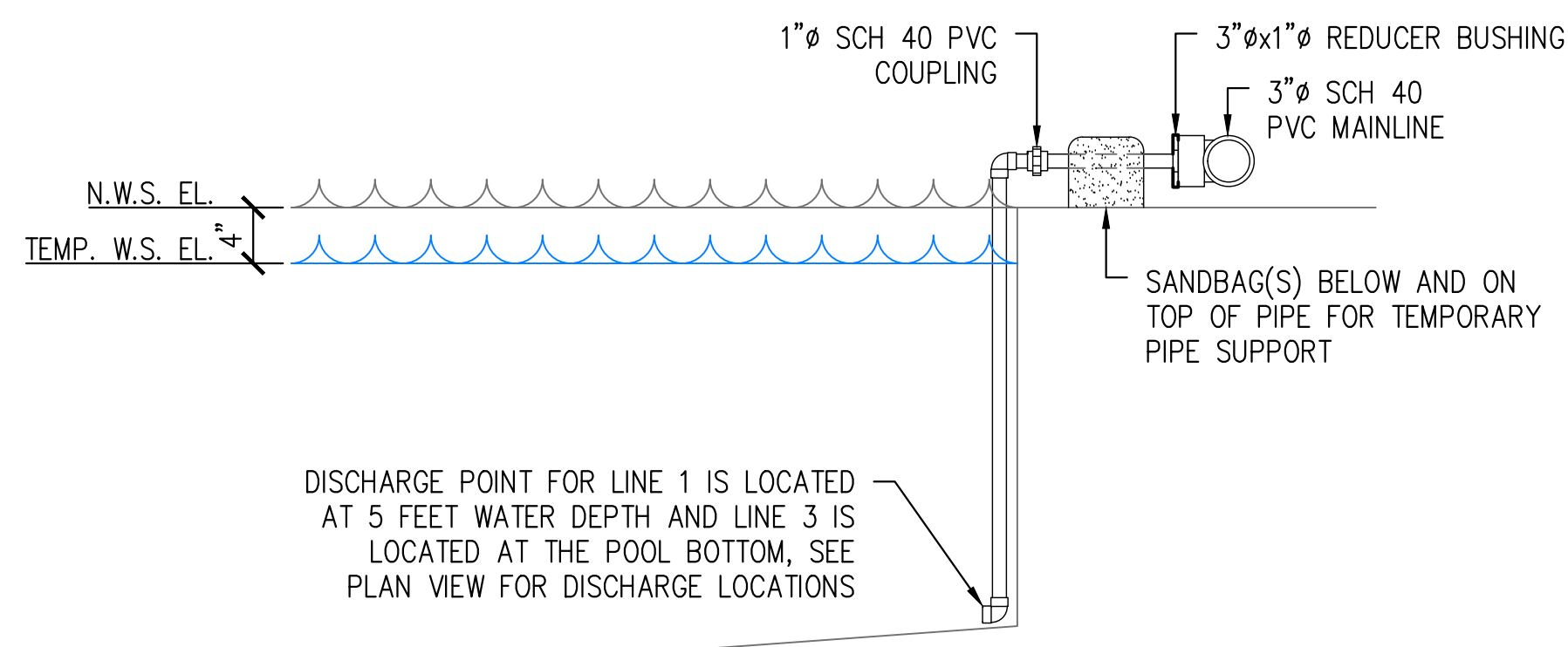


PREPARED BY ZIRANG SONG	PROJECT ENGINEER R.G.E. NO. — # 69315	SCALE AS SHOWN	DATE 08/20/25
EXP. 06/30/26	DRAWN E.C.	DESIGNED E.C.	CHECKED Z.S.

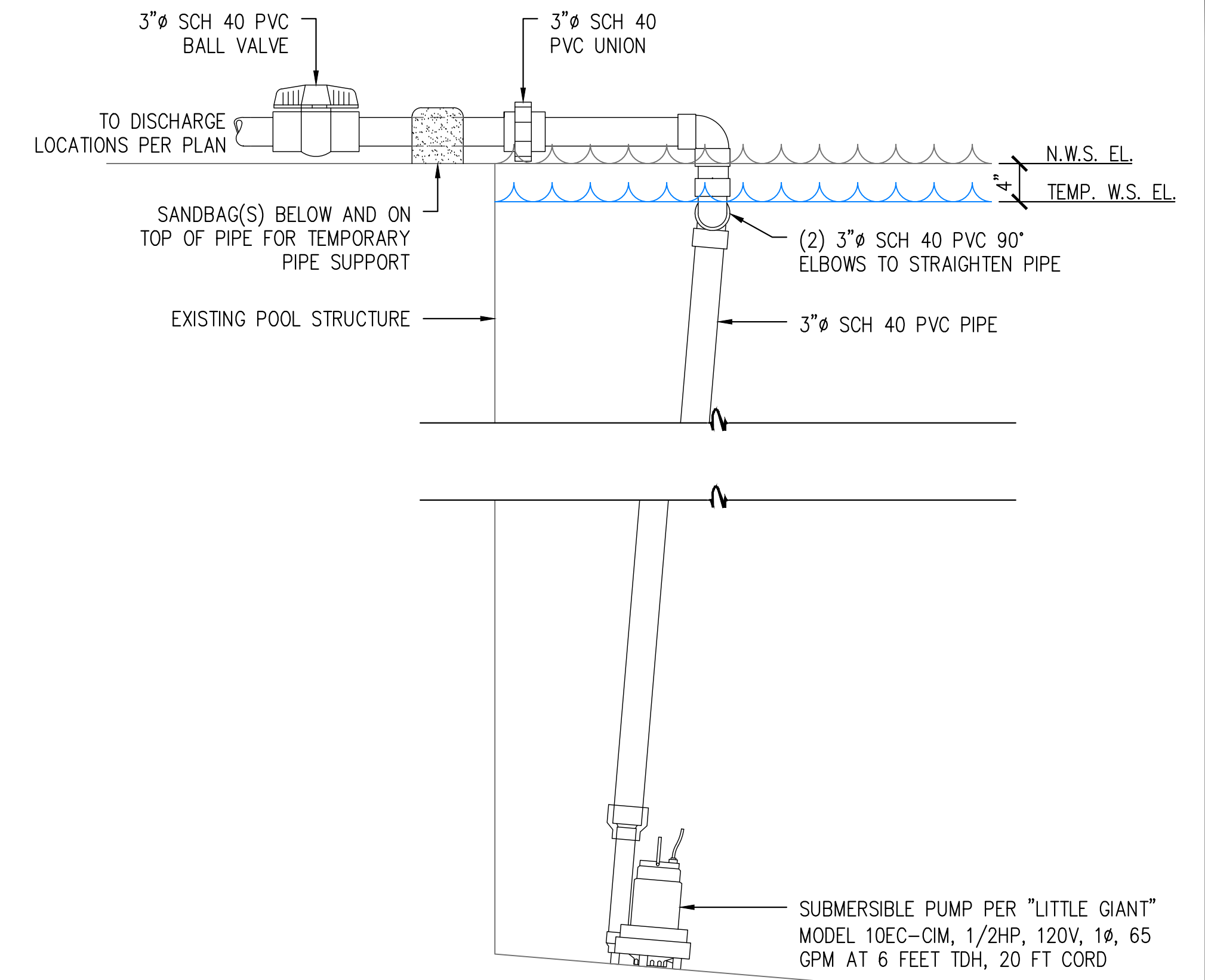
TEMPORARY POOL RECIRCULATION PLAN

NEWHALL PARK POOL TEMPORARY RECIRCULATION PLANS



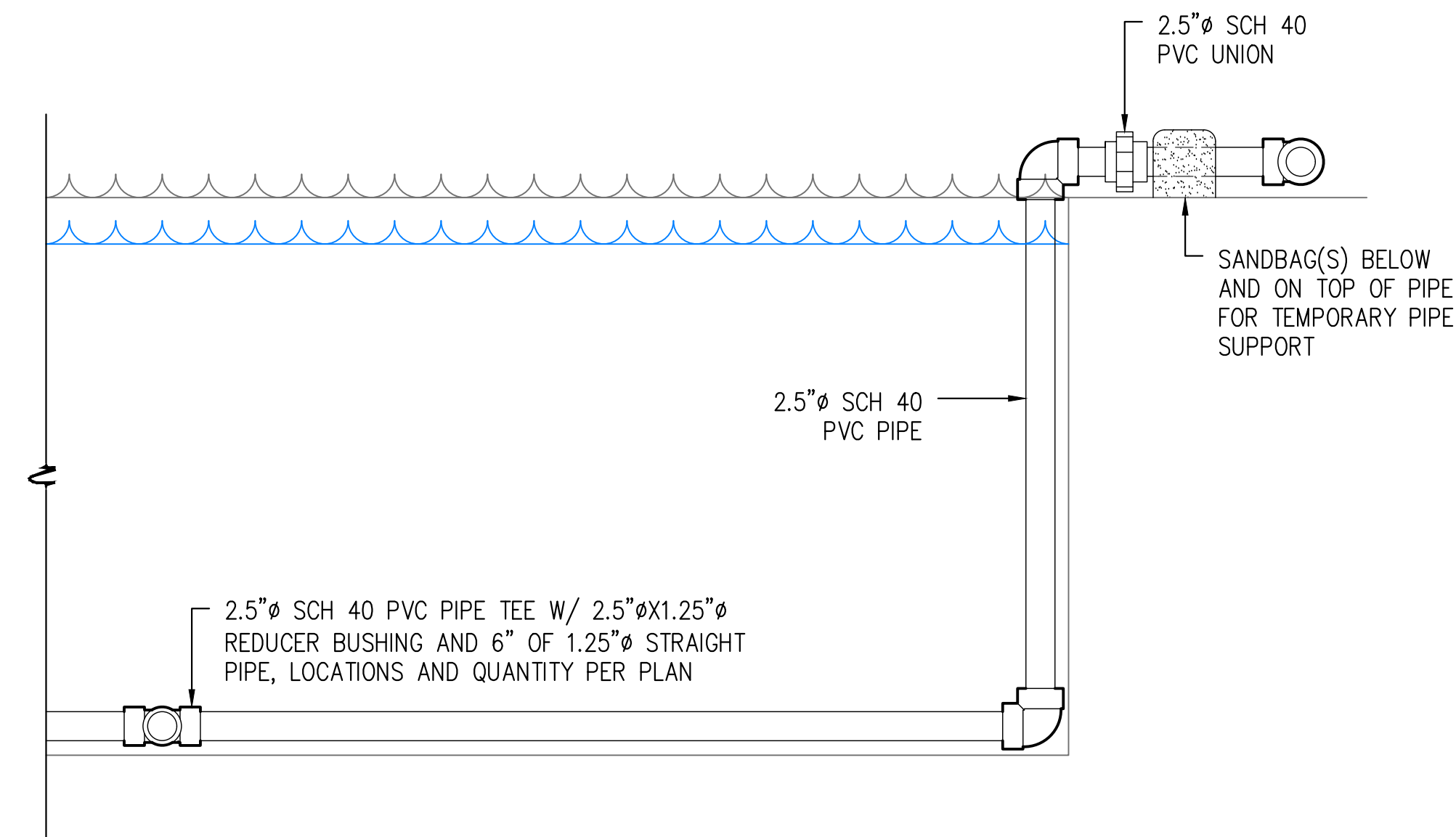


DISCHARGE POINT INSTALLATION

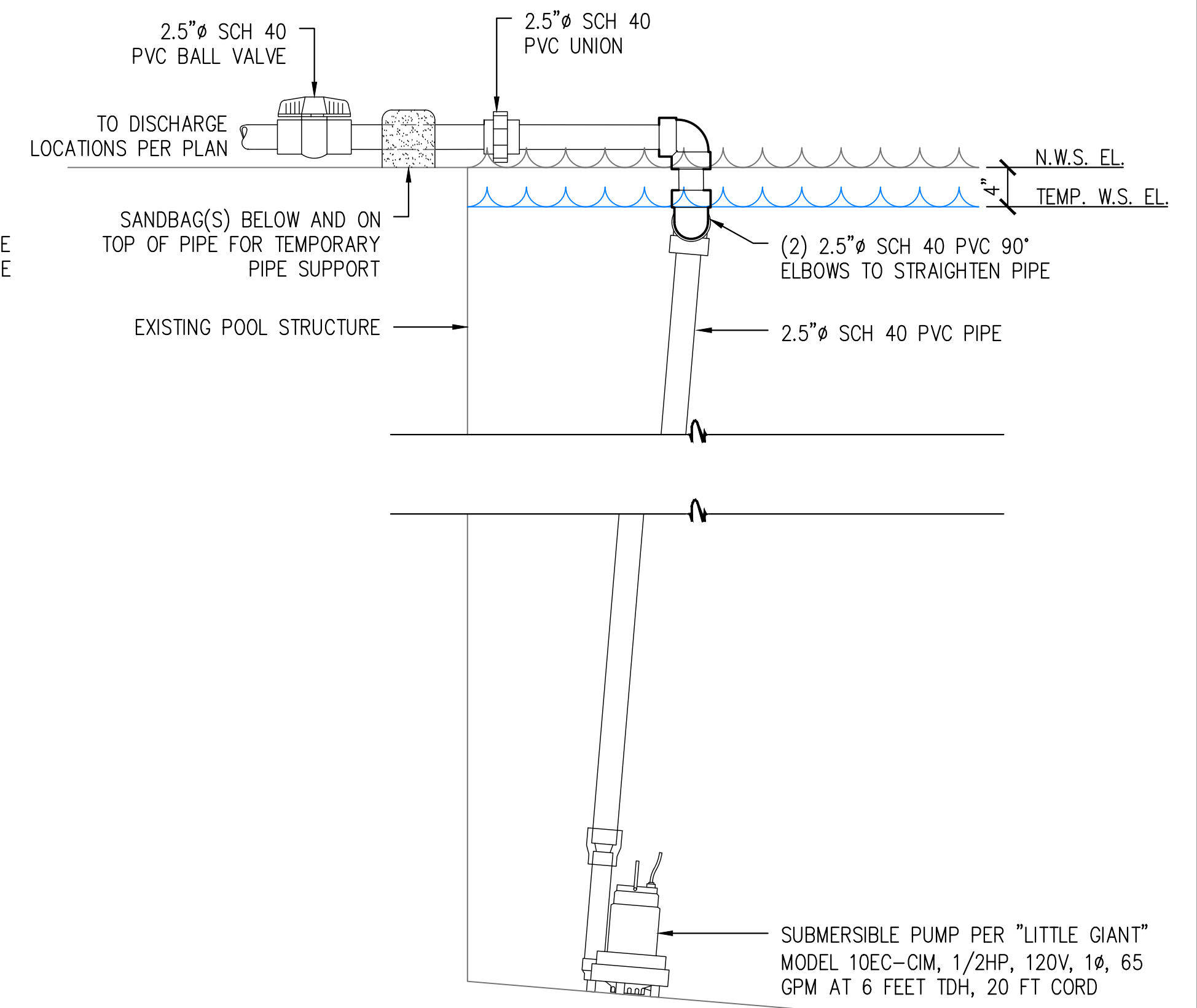


SUBMERSIBLE PUMP INSTALLATION

C TEMPORARY RECIRCULATION LINE #1 AND #3 DISCHARGE
SCALE: 1"=1'-0"



DISCHARGE POINT INSTALLATION



SUBMERSIBLE PUMP INSTALLATION

D TEMPORARY RECIRCULATION LINE #2 DISCHARGE
SCALE: 1/2"=1'-0"



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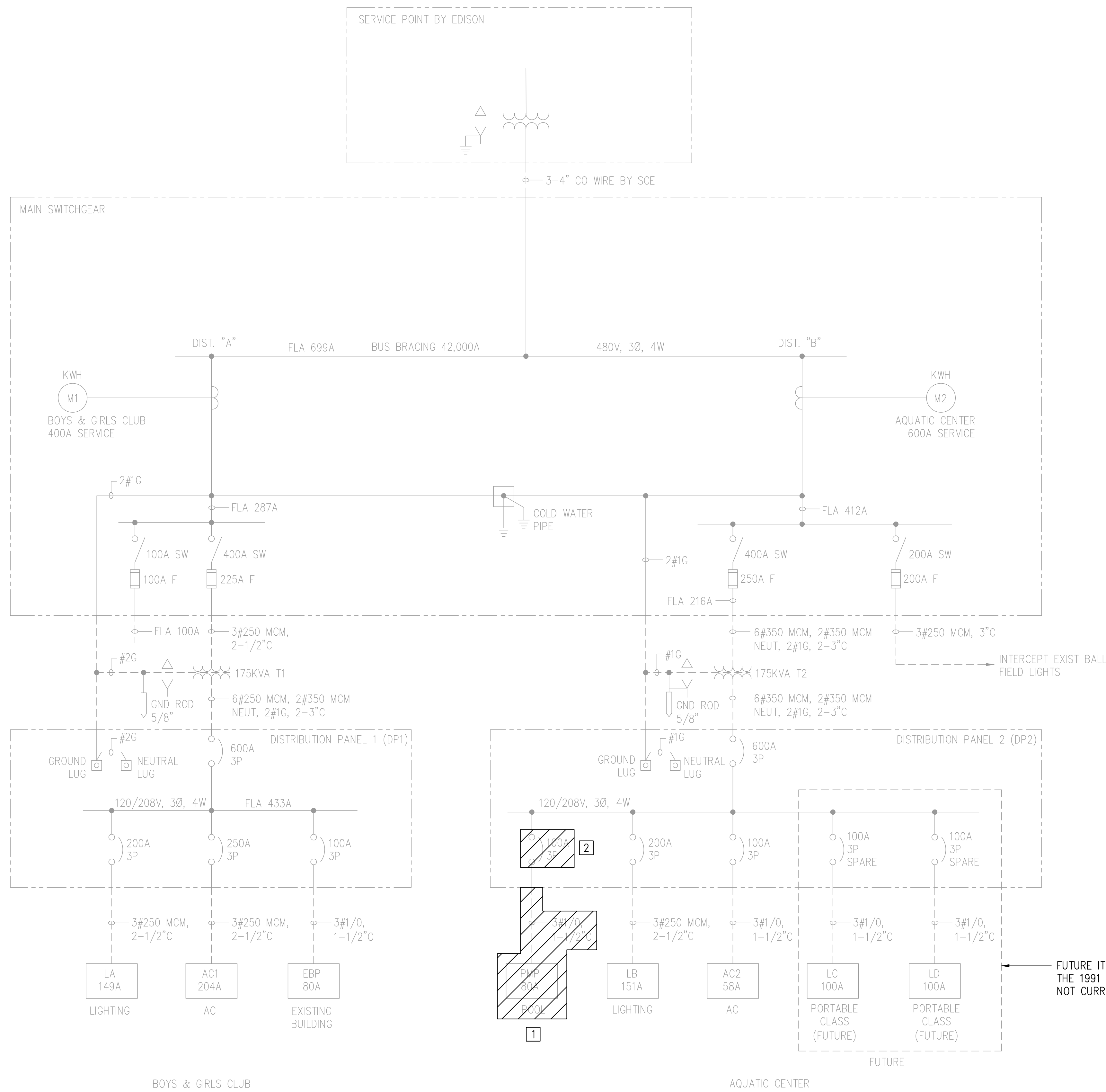
GENERAL DETAILS

**NEWHALL PARK POOL
TEMPORARY RECIRCULATION
PLANS**

SANTA CLARITA CA



SHEET **C2.0**
03 OF 06 SHEETS



SINGLE LINE DIAGRAM DEMO
NTS

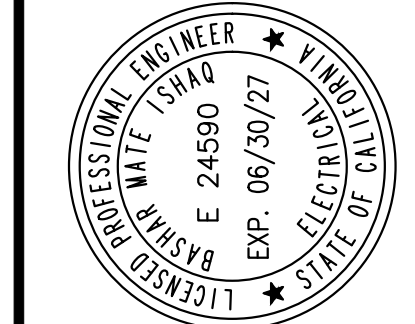
CONSTRUCTION NOTES:

- 1 REMOVE EXISTING PANEL "PMP" AND ASSOCIATED POWER CONDUIT/FEEDER CABLES AND DISPOSE.
- 2 USE THE EXISTING CIRCUIT BREAKER TO POWER THE TEMPORARY 100A SPIDER BOX. REMOVE THE CIRCUIT BREAKER AND REPLACE PER SHEET E1.0 WHEN THERE IS NO LONGER NEED FOR TEMPORARY POWER.
- 3 EXISTING POOL DECK LT POLE RECEPTACLES TO BE REPLACED. SEE SHT E1.0.
- 4 CONTRACTOR TO CONFIRM THE WET NICHE FORMING SHELL IS NON-METALLIC, OTHERWISE REPLACE ALL POOL NICHE LIGHTS TO METALLIC. EXISTING OR NEW POOL LIGHTS TO BE TRANSFERRED TO PROPOSED LIGHTING CONTROL PANEL (LCP-A).
- 5 EXISTING POOL DECK POLE-MTD LIGHT FIXTURES TO BE REMOVED AND REPLACED PER SHEET E2.0.
- 6 EXISTING SUMP PUMP TO REMAIN IN PLACE. TRANSFER TO REPLACEMENT PANEL-PMP, SEE SHT E1.0.
- 7 EXISTING EQUIPMENT TO BE REMOVED, SEE MECH DEMO PLANS. REMOVE ALL ANCILLARY ELECTRICAL COMPONENTS AND RETURN MAJOR ITEMS SUCH AS PANELS, CONTROLLERS, ETC. TO OWNER. DISPOSE OF MINOR ITEMS SUCH AS CONDUITS, WIRING, ETC.
- 8 CONTRACTOR TO VERIFY LOADS BEFORE DEMOLISHING AND NOTIFY ENGINEER OF RECORD IF ANY DISCREPANCIES FOUND.

NOTES:

1. FADED BACK ITEMS ARE EXISTING TO BE PROTECTED IN PLACE UNLESS NOTED OTHERWISE.
2. SINGLE LINE DIAGRAM HAS BEEN GENERATED FROM AS-BUILTS DATED SEPTEMBER 1991 BY DESCO ELECTRIC. CONTRACTOR TO CONFIRM AND NOTIFY ENGINEER OF RECORD IF ANY DISCREPANCIES FOUND.
3. NOT ALL ITEMS TO BE DEMO'D ARE SHOWN ON THIS SHEET. SEE REST OF PLAN SET FOR ADDITIONAL DEMO DETAILS.

EXISTING PANEL-PMP													
VOLTAGE:	120/240 VAC		VOLT AMPS								MAIN BKR:	80	A
LOAD DESCRIPTION	VA	CB	BKR	PHASE A	PHASE B	BKR	CB	VA	LOAD DESCRIPTION				
7	POOL LIGHTS	30/1	1	0	2	20/1			KITCHEN	7			
7	FIXTURES	20/2	3	0	4	20/1			PMP	7			
7	STRAY	20/1	7	0	8	20/1			KITCHEN	7			
3	POOL DECK LT POLE		9	0	10	20/1			POOL DECK LT POLE	5			
	SPARE	20/1	11	0	12	20/1			BLDG	7			
4	POOL LIGHTS (EAST)	15/1	13	0	14	20/1			POOL DECK LT	5			
7	BLDG	20/1	15	0	16	20/1			POOL DECK LT	5			
	SPARE	20/1	17	0	18	20/1			POOL DECK LT	5			
4	POOL LIGHTS (WEST)	15/1	19	0	20	20/1			POOL DECK LT	5			
	SPARE	20/2	21	0	22	20/1			POOL DECK LT	5			
	"SPACE"		23	0	24	20/1			SUMP PUMP	6			
	"SPACE"		25		26		20/2		POOL DECK LT	7			
	"SPACE"		27		28								
	"SPACE"		29		30				"SPACE"				
VA/PHASE (SUBTOTAL)								1Ø, 3W					
AMPS/LEG (SUBTOTAL)													
VA (SUBTOTAL)													
25% OF LARGEST INDUCTIVE LOAD													
GRAND TOTAL (AMPS)										* INDICATES LOAD CALCULATED AT 125%			
PERCENT CAPACITY													



PREPARED BY: BASHAR ISHAQ
PROJECT ENGINEER
R.G.E. NO. - # E24590
EXP. 06/30/27

DRAWN BY: JR
DESIGNED BY: EJ
CHECKED BY: EJ

SCALE: AS SHOWN
DATE: 08/20/25

SINGLE LINE DIAGRAM DEMO

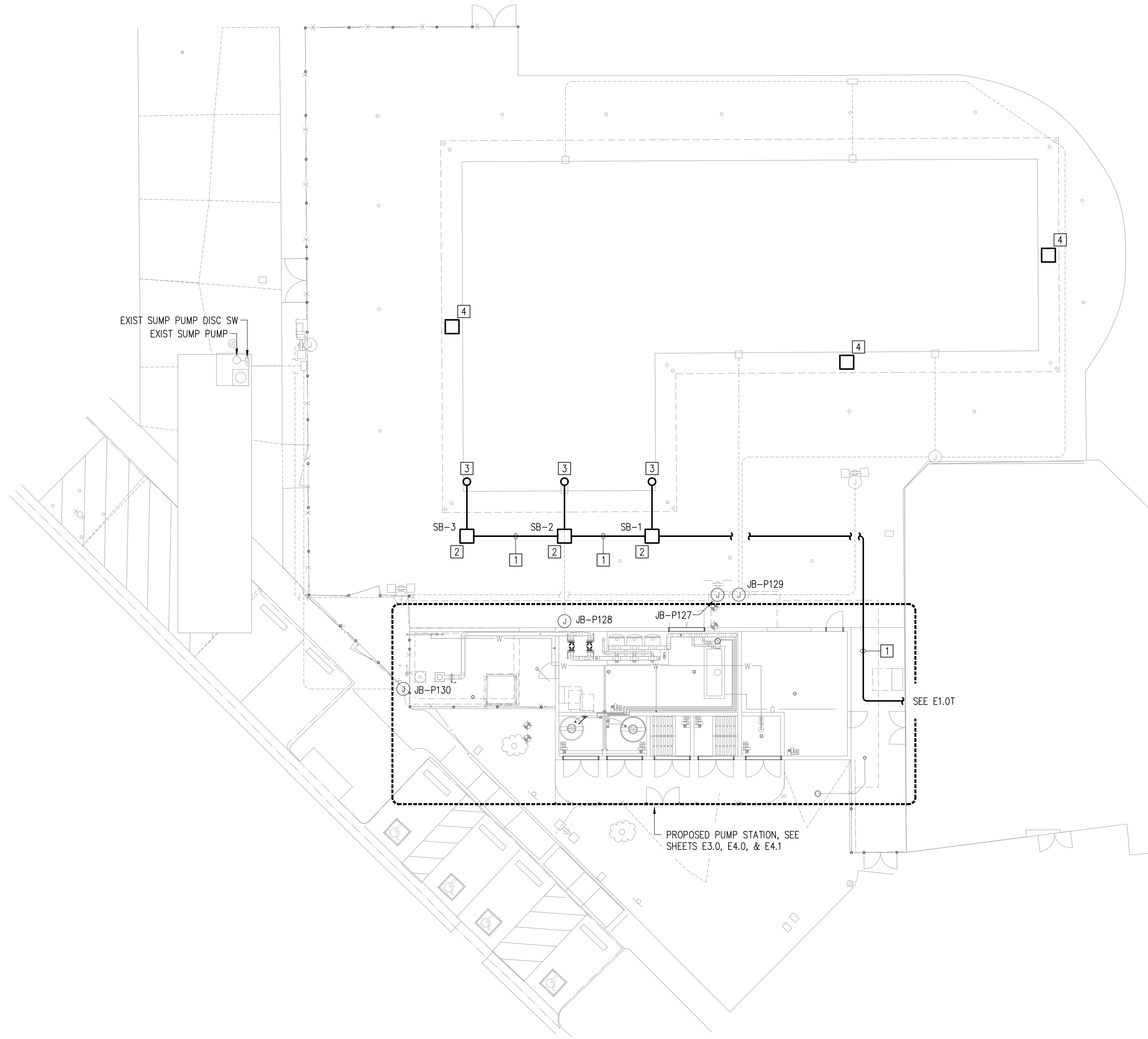
NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)

SANTA CLARITA CA



Aug. 29, 2025

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DimScale = 40; L'Boole = 1; P'Boole = 1; ACAD Ver = 23.0; (LMS Tech); V'Boole = 1



ELECTRICAL SITE PLAN TEMPORARY POWER
SCALE: 1"=10'-0"

CONSTRUCTION NOTES:

- 1 INSTALL SOOW CABLE (2 AWG) PROTECTED IN HEAVY-DUTY CABLE PROTECTION (POWER RAMP).
- 2 PROVIDE, INSTALL, AND SECURE IN PLACE A 100A, 208/120V, NEMA 3R SPIDER BOX. ALL 120V RECEPTACLES MUST BE GFCI. INSTALL 6 FT AWAY FROM POOL.
- 3 1/2 HP SUBMERSIBLE PUMP, PER LITTLE GIANTS MODEL "10EC-CIM", 120V WITH 20' CORD.
- 4 CONTRACTOR TO SET UP WARNING SIGNS "DO NOT ENTER THE POOL".

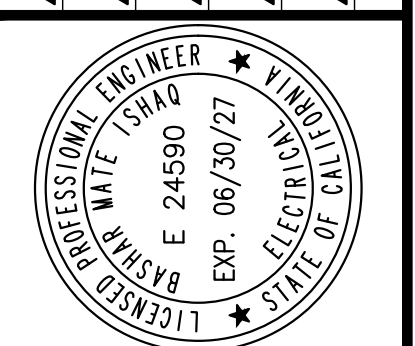
NOTES:

- 1. GROUND AND BOND ALL EQUIPMENT AND ENCLOSURES PER MANUFACTURER REQUIREMENTS AND NEC 250.
- 2. LAYOUT OF EXISTING CONDUITS/J-BOXES SHOWN ARE APPROXIMATED FROM AS-BUILTS DATED FEBRUARY 1992 BY JONES AND MADHAVEN. CONTRACTOR TO NOTIFY ENGINEER OF RECORD IF ANY DISCREPANCIES FOUND.
- 3. LABEL ABOVEGROUND CONDUITS PER DETAIL "C" SHEET E7.0.
- 4. TYPICAL CONDUIT TRANSITIONS/STUB-UPS PER DETAILS "A, B, C" SHEET E7.1.

LEGEND:

- POLE-MTD. DUAL FLOOD LIGHTS, 3-WAY FIELD ADJUSTABLE, 140/100/70W, 3000K/4000K/5000K ADJUSTABLE COLOR TEMP, TRUNNION-MTD, 120V, 1PH, MFR: RAB, PN X17-XFU-140-T (OR APPROVED EQUAL). EXISTING POLE, TYP 2 LIGHTS PER POLE.
- EXISTING JUNCTION BOX.
- LISTED POOL NEMA 4X JUNCTION BOX, SEE DETAIL "F" SHEET E7.1.
- 120V, 1PH, GFCI WEATHER RESISTANT RECEPTACLE.

NO	BY	DATE	REVISIONS	DATE	APP.



PREPARED BY BASHAR ISHAQ PROJECT ENGINEER R.G.E. NO. - # E24590 EXP. 06/30/2027	DRAWN BY JR	DESIGNED BY EJ	CHECKED BY EJ	DATE 08/2025
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ELECTRICAL SITE PLAN TEMPORARY POWER

NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)
SANTA CLARITA CA



SHEET **E2.0T**
06 OF 06 SHEETS
JOB NO. C258

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EXHIBIT AII

NEWHALL PARK POOL

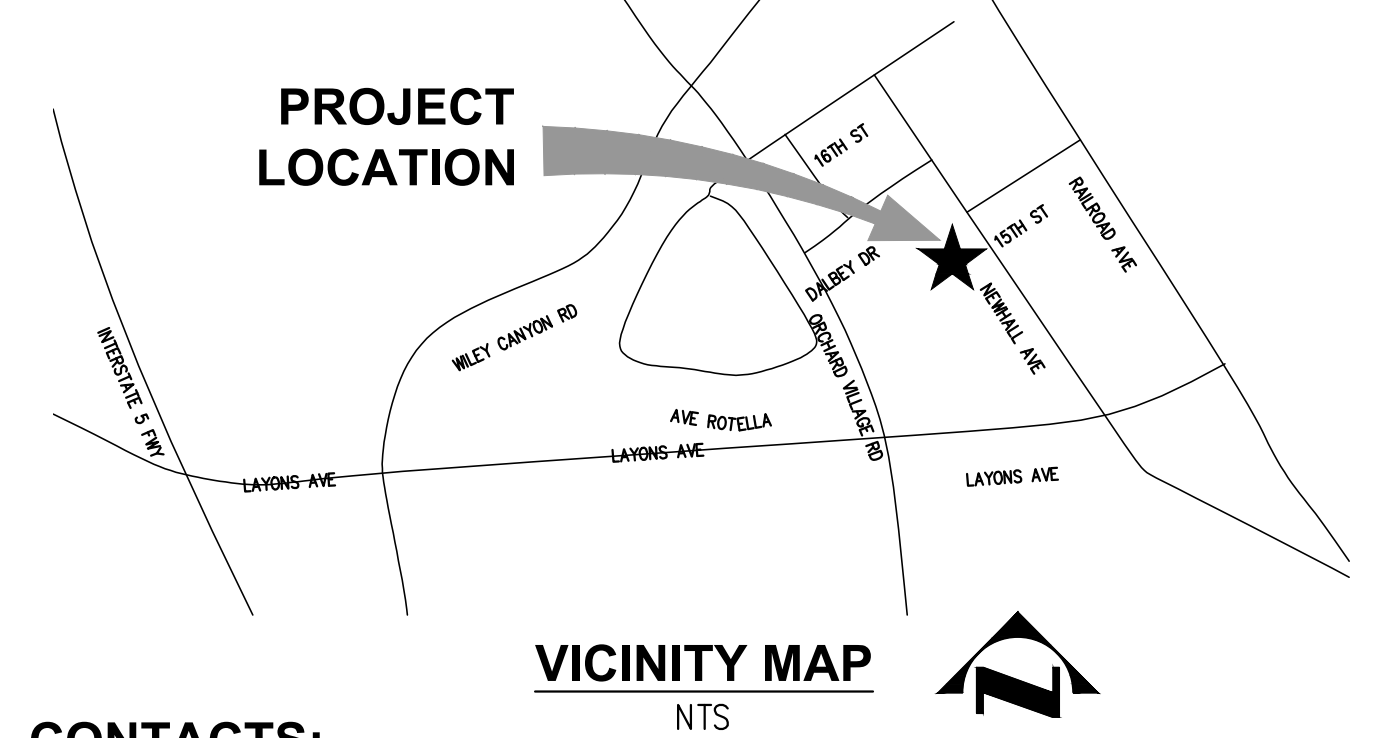
PUMP ROOM BUILDING RENOVATION PLANS

100% CONSTRUCTION DOCUMENTS



<small>IN ACCORDANCE WITH RESOLUTION NO. 19-05, AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING AUTHORITY TO THE DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, BY SIGNATURE AND DATE IS AFFIXED.</small>	REVIEWED BY: 10/01/2025 PM - DESIGN EXECUTION DATE	REVIEWED BY: 10/01/2025 PM - CONSTRUCTION EXECUTION DATE	APPROVED FOR CONSTRUCTION BY: 10/02/2025 JERRID MCKENNA NEIGHBORHOOD SERVICES DIRECTOR	APPROVED FOR CONSTRUCTION BY: 10/02/2025 DAMON LETZ CITY ENGINEER
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SITE PLAN
1"=20'



CONTACTS:

CLIENT
CITY OF SANTA CLARITA
23920 VALENCIA BOULEVARD, SANTA CLARITA, CA 91355
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SPIRE STRUCTURAL ENGINEERING
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LAKE FOREST, CA 92830
PHONE: (949) 916-3440
CONTACT: ALEXANDROS BLETSOS

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PHONE: (949) 988-5815
CONTACT: MICHAEL KREMER

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C3.0	GENERAL DETAILS
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M4.4	PUMP ROOM DETAILS
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E1.0	SINGLE LINE DIAGRAM PROPOSED
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APPROVED
Under SCMC Titles 18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen

BLD25-00576 (ARCH)

REVIEWED BY:	EXECUTION DATE
PM - DESIGN	
REVIEWED BY:	EXECUTION DATE
PM - CONSTRUCTION	

IN ACCORDANCE WITH RESOLUTION NO. 19-05, AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING AUTHORITY TO THE DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, BY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY: ZIRANG SONG PROJECT ENGINEER R.C.E. NO. -- # 69315 EXP. 06/30/2026	SCALE	DATE: 03/20/2025
DRAWN: J.P.	DESIGNED: J.P.	CHECKED: Z.S.

TITLE SHEET

**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**

SANTA CLARITA CA

SHEET **G1.0**
01 OF 61 SHEETS

JOB NO. C258

LEGEND:

_____ W _____	POTABLE WATER
_____ RW _____	NON-POTABLE WATER
_____ SS _____	SANITARY SEWER
_____ SD _____	STORM DRAIN
_____ E _____	ELECTRICAL SERVICE
_____ G _____	NATURAL GAS
_____ CL _____	DOUBLE WALL CHLORINE FILL LINE
_____ AD _____	DOUBLE WALL ACID FILL LINE
_____	DISCHARGE PIPE
_____	INTAKE PIPE
_____	POINT OF CONNECTION
_____] _____	CAP FOR FUTURE CONNECTION

GENERAL NOTES:

- CONTRACTOR TO VERIFY ELEVATIONS AND DIMENSIONS OF EXISTING INFRASTRUCTURE BEFORE CONSTRUCTION BEGINS.
- THESE PLANS ARE INTENDED FOR PUMP ROOM, POOL AREA FENCING, AND ADJACENT SITE CONSTRUCTION USE ONLY. SEE DRAWINGS BY RESPECTIVE DESIGNERS FOR OTHER ASPECTS OF CONSTRUCTION.
- ALL RECIRCULATION PIPE SHALL BE INSTALLED SO THE FLOW IS SLIGHTLY OFF LEVEL OR UPHILL TO PREVENT AIR TRAPS AND SHALL HAVE A 3'-0" (MIN) COVER OUTSIDE WATER FEATURE LIMITS AND A 1'-0" (MIN) COVER WITHIN UNLESS OTHERWISE NOTED.
- ALL PVC PIPE SHALL BE PER THE FOLLOWING SCHEDULE UNLESS OTHERWISE NOTED:

UNDERGROUND PIPING	SCH 40 PVC
PIPING INSIDE PUMP ROOM	SCH 80 PVC
- THRUST BLOCKS ARE REQUIRED FOR RUBBER GASKETED JOINT PIPES. PIPES W/ SOLVENT WELDED OR FUSED JOINTS DO NOT REQUIRE THRUST BLOCKS.
- WATER LEVELS SHOWN INDICATE AVERAGE SURFACE ELEVATIONS DURING OPERATION. ELEVATIONS MAY DIFFER DURING SHUTDOWN CONDITIONS.
- ALL MANUFACTURER PRODUCT CALL-OUTS SHOWN IN THESE PLANS SHALL BE CONSIDERED "OR APPROVED EQUAL" UNLESS OTHERWISE NOTED.
- THE PUMP ROOM CONTRACTOR SHALL VERIFY THE AVAILABLE ELECTRICAL POWER PRIOR TO PURCHASING EQUIPMENT.
- CONTACT 811 AND HAVE UTILITIES MARKED PRIOR TO CONSTRUCTION.
- POTHOLE ALL MARKED UTILITIES BEFORE CONSTRUCTION.

PUMP STATION CONSTRUCTION NOTES:

- ALL EQUIPMENT SPECIFIED SHALL MEET THE APPLICATION FOR WHICH IT IS BEING UTILIZED PER MANUFACTURER'S RECOMMENDATIONS.
- ALL MAJOR EQUIPMENT (I.E., PUMPS, FILTERS, HEATERS, ETC.) SHALL BE LOCATED ON HOUSEKEEPING PADS AT A MINIMUM OF 4" ABOVE THE FINISHED FLOOR LEVEL.
- SERVICE FLANGES OR UNIONS SHALL BE PROVIDED FOR ALL MAJOR ELEMENTS OF THE SYSTEM (I.E., PUMPS, FILTERS, UV EQUIPMENT, HEAT EXCHANGERS, SOLENOID VALVES, ETC.) TO ALLOW FOR QUICK REMOVAL FROM SYSTEM WITHOUT THE NEED TO CUT PIPING OR BREAK THE PIPING.
- ALL MAJOR EQUIPMENT INCLUDING VALVES SHALL BE IDENTIFIED BY CORROSION RESISTANT PERMANENT TAGS THAT CORRESPOND TO THE DESIGNATION ON THE AS-BUILT DRAWINGS AND DOCUMENTATION.
- ALL PIPING SHALL BE LABELED FOR FUNCTION (I.E., FILTER DISCHARGE, SKIMMER SUCTION, ETC.) AND FOR FLOW DIRECTION.
- CONTRACTOR SHALL PROVIDE AIR RELIEF VALVES FOR ALL PIPING HIGH POINTS GENERATED DURING PLUMBING OF ALL THE PIPING.
- EPOXY COAT REQUIRED FOR ALL WET SURFACES ON ALL PUMPS.
- THE POOL CIRCULATION PUMPS ARE EQUIPPED WITH VFD THAT ALLOWS THE USER TO SET THE GPM DURING OFF-PEAK HOURS AS WELL AS NORMAL OPERATING HOURS GPM.
- FIRE RATED PIPE PENETRATIONS & WALL DETAILS PER ARCHITECT PLANS.
- PREPARE SUBGRADE PER GEOTECHNICAL ENGINEER RECOMMENDATIONS.
- CONTRACTOR TO VERIFY ALL EQUIPMENT DIMENSIONS PRIOR TO PURCHASE AND INSTALLATION OF EQUIPMENT.
- CONTRACTOR TO INSTALL PUMP BASE AND BRACKETS PER MANUFACTURER'S REQUIREMENTS.
- CONTRACTOR TO PROVIDE FLASHING/SEALS FOR ALL BUILDING/STRUCTURE WALL PENETRATIONS.
- ALL ANCHORING SYSTEMS SHALL BE 316 S.S. REGARDLESS OF LOCATION UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW FOR EACH CONTRACTOR SUPPLIED EQUIPMENT ITEM PRIOR TO INSTALLATION.
- INSTALLATION DETAILS FOR ALL EQUIPMENT ITEMS SHALL BE PER RESPECTIVE EQUIPMENT MANUFACTURER'S SHOP DRAWINGS AND RECOMMENDED INSTALLATION REQUIREMENT.

PUMP STATION PIPING NOTES:

- CONTRACTOR TO PROVIDE PIPE SUPPORTS PER EQUIPMENT MANUFACTURER'S REQUIREMENTS AND SPECIFICATIONS AND PER THE PROJECT SPECIFICATIONS.
- ALL BURIED PVC PIPE SHOWN ON PLANS SHALL BE SCH 40 PVC UNLESS NOTED OTHERWISE.
- ALL PVC PIPE ABOVE GRADE SHALL BE SCH 80 PVC FOR ALL SIZES.
- ALL STAINLESS STEEL PIPE SHOWN ON PLANS SHALL BE MINIMUM TYPE 304L SCH 10 UNLESS NOTED OTHERWISE.
- ALL PROCESS PIPES SHALL BE COLOR COATED PER THE PROJECT SPECIFICATIONS WITH THE EXCEPTION OF STAINLESS STEEL PIPES.
- ALL VALVES SHALL BE ROTATED/ORIENTED PER MANUFACTURE'S RECOMMENDATIONS.

NOTE FOR EQUIPMENT TO BE PROTECTED AND REUSED:

- TAKE EQUIPMENT OFF-SITE TO A PROTECTED LOCATION FOR STORAGE DURING CONSTRUCTION. COORDINATE WITH THE CITY FOR STORAGE REQUIREMENTS.
- CONTRACTOR TO REINSTALL SAVED EQUIPMENT PER MECHANICAL PLANS
- CONTRACTOR TO TEST ALL REINSTALLED EQUIPMENT PRIOR TO REUSE TO ENSURE ALL EQUIPMENT IS IN PROPER WORKING CONDITION
- CONTRACTOR TO FOLLOW INSTALLATION MANUAL FOR ALL REINSTALLED EQUIPMENT SEISMIC FASCINING REQUIREMENTS.

REVISION:	09/30/2025
DATE	EXECUTION DATE
BY: [Signature]	BY: [Signature]
FM-DESIGN	FM-CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 19-16, AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF IMPROVEMENTS TO THE PUBLIC FACILITY STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, BY THE CODE SECTION 18016 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, BY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY	ZIRANG SONG	SCALE	DATE
PROJECT ENGINEER	# 69315		09/29/25
R.C.E. NO.			
EXP.	06/30/2026		
DRAWN	J/P	DESIGNED	J/P
CHECKED	Z/S		

GENERAL NOTES

TITLE: **NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)**

SHEET: **G1.1**

SANTA CLARITA CA

JOB NO. C258

CITY OF SANTA CLARITA BUILDING & SAFETY

APPROVED

Under SCMC Titles 18, 19, 20, 21, 24, 25

Sep 16, 2025

F. Svendsen

BLD25-00576 (ARCH)

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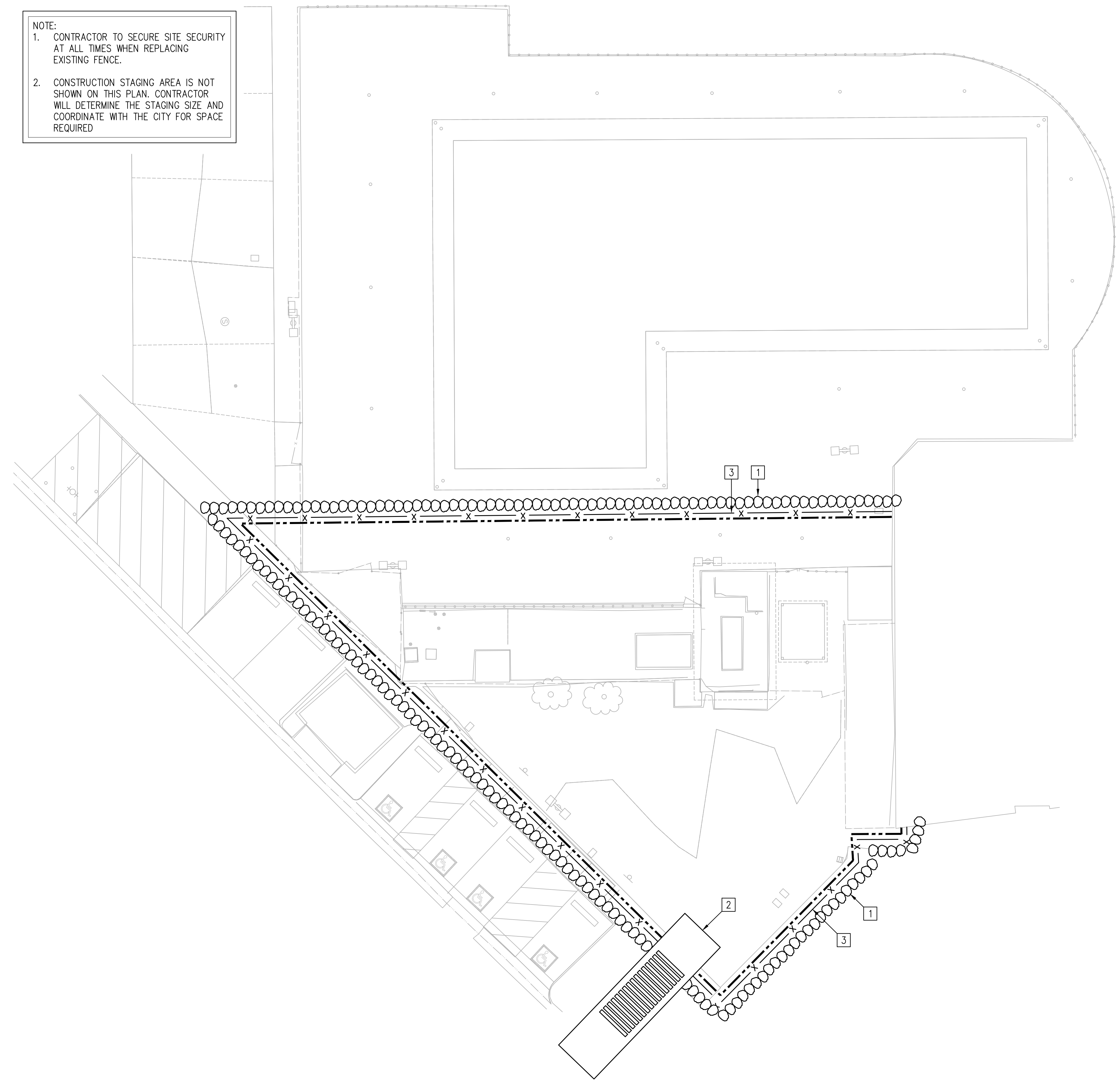
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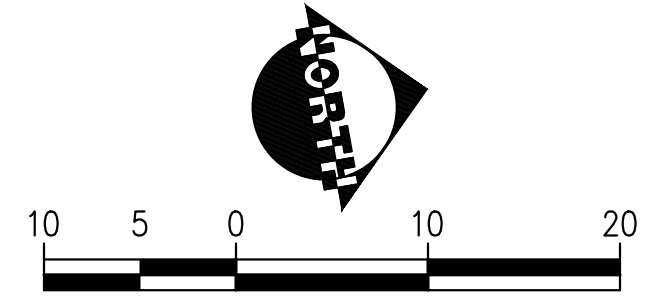
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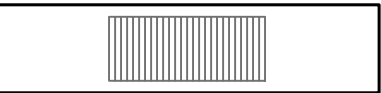
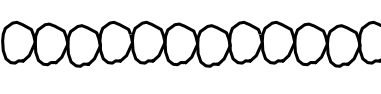
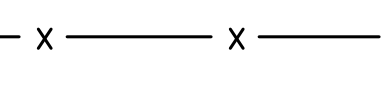

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NOTE:
 1. CONTRACTOR TO SECURE SITE SECURITY AT ALL TIMES WHEN REPLACING EXISTING FENCE.
 2. CONSTRUCTION STAGING AREA IS NOT SHOWN ON THIS PLAN. CONTRACTOR WILL DETERMINE THE STAGING SIZE AND COORDINATE WITH THE CITY FOR SPACE REQUIRED



SITE PLAN
 SCALE: 1"=10'-0"



- EROSION CONTROL LEGENDS:**
-  STABILIZED CONSTRUCTION ENTRANCE
 -  SAND AND GRAVEL BAGS
 -  CONSTRUCTION FENCE AND SILT FENCE
 -  LIMIT OF WORK

- STORM WATER POLLUTION PREVENTION NOTES:**
1. EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROL BMP'S SHALL BE IMPLEMENTED TO PROTECT THE EXPOSED PORTIONS OF THE SITE FROM EROSION AND TO PREVENT SEDIMENT DISCHARGES.
 2. SEDIMENTS AND OTHER POLLUTANTS SHALL BE RETAINED ON SITE UNTIL PROPERLY DISPOSED OF, AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
 3. STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS SHALL BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND AND WATER FLOW.
 4. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS SHALL BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM, NOR BE ALLOWED TO SETTLE OR INFILTRATE INTO SOIL.
 5. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTES.
 6. TRASH AND CONSTRUCTION SOLID WASTES SHALL BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
 7. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICULAR TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITS SHALL BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
 8. STORM WATER POLLUTION PREVENTION DEVICES AND / OR PRACTICES SHALL BE MODIFIED AS NEEDED AS THE PROJECT PROGRESSES TO ENSURE EFFECTIVENESS.
 9. SUPPLY WATER FOR WHEEL WASHING
 10. STORM DRAIN TO BE BLOCKED OFF AND PROTECTED DURING CONSTRUCTION TO PREVENT SITE DEBRIS FROM ENTERING THE STORM DRAIN.

- EROSION CONTROL KEYNOTES:**
- 1 INSTALL GRAVEL BAG BARRIER PER CASQA BMP SE-6
 - 2 INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT PER CASQA BMP TC-1
 - 3 INSTALL SILT FENCE PER CASQA BMP SE-1

REVISION:	09/30/2025	EXECUTION DATE
DATE: 09/30/2025	BY: J.P.	PROJECT: BLD25-00576
DATE: 09/30/2025	BY: J.P.	PROJECT: BLD25-00576

IN ACCORDANCE WITH RESOLUTION NO. 19-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO PUBLIC FACILITIES, THE CITY OF SANTA CLARITA, I DO HEREBY AUTHORIZE THE CITY ENGINEER TO EXECUTE THE CODE SECTION 830.6 FOR THE CITY OF SANTA CLARITA. I DO HEREBY AUTHORIZE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY: ZHIRANG SONG	SCALE:	DATE: 09/29/2025
PROJECT ENGINEER R.C.E. NO. -- # 69315	DRAWN: J.P.	DESIGNED: J.P.
EXP. 06/30/2026	CHECKED: Z.S.	

EROSION CONTROL AND FENCING PLAN

NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)

SANTA CLARITA CA

G1.2

03 OF 61 SHEETS

JOB NO. C258

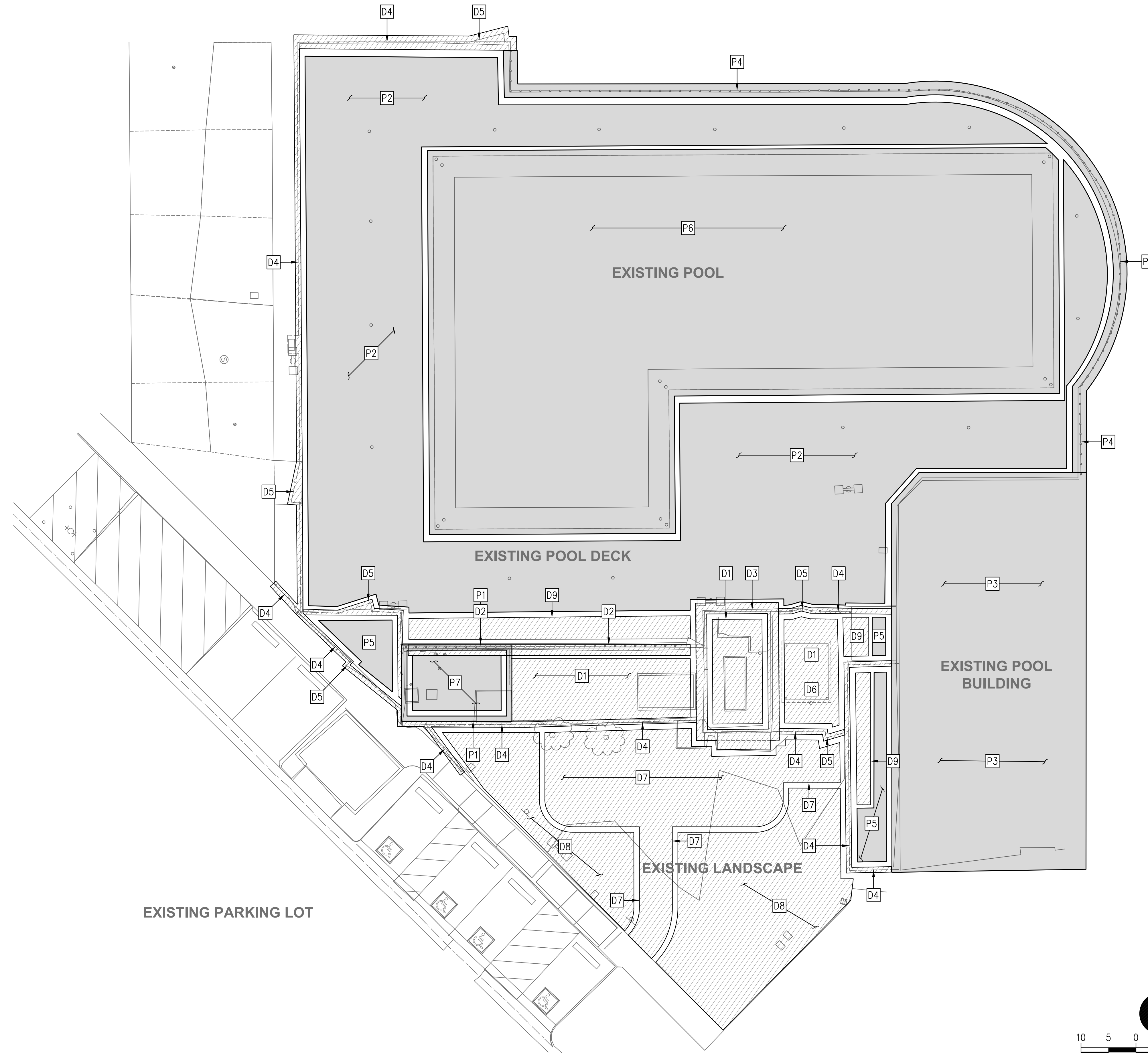
CITY OF SANTA CLARITA
 BUILDING & SAFETY
APPROVED
 Under SCMC Titles
 18, 19, 20, 21, 24, 25
 Sep 16, 2025
 F. Svendsen



BLD25-00576 (ARCH)
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SITE PLAN
SCALE: 1"=10'-0"

DEMOLITION GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF DEMOLITION ITEMS, PROTECT IN PLACE ITEMS AND QUANTITY PRIOR TO START OF CONSTRUCTION WITH OWNER AND/OR OWNER'S REPRESENTATIVE. AS SHOWN ON THE DEMO PLANS.
2. CONTRACTOR TO COORDINATE WITH OWNER OR OWNER'S REPRESENTATIVES FOR ITEMS TO BE DEMOLISHED.
3. CONTRACTOR TO DISPOSE OF DEBRIS OFF-SITE.
4. CONTRACTOR TO REPLACE ANY ITEMS DAMAGED OR REMOVED THAT WAS NOT SPECIFICALLY IDENTIFIED IN THIS PLAN.
5. DEMOLITION AND PROTECT-IN-PLACE OUTLINES ARE PROVIDED TO DIAGRAMATICALLY SHOW THE DEMOLITION/PROTECT-IN-PLACE ITEMS. CONTRACTOR SHALL VERIFY DIMENSIONS AND EXACT LOCATIONS PRIOR TO START OF CONSTRUCTION. PLEASE INFORM OWNER AND/OR OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO START OF DEMOLITION.
6. CONTRACTOR TO REMOVE ALL POOL SIGNAGE THAT IS ATTACHED TO THE EXISTING BUILDING AND WALLS BEING DEMOLISHED, SAVE IT, AND REINSTALL AFTER THE BUILDING HAS BEEN CONSTRUCTED.
7. CONTRACTOR TO NOTIFY ENGINEER PRIOR TO EXISTING BUILDING FOOTING DEMOLITION FOR REVIEW.

DEMOLITION LEGENDS:

- ITEM TO BE DEMOLISHED
- ITEM TO PROTECT-IN-PLACE
- ITEM TO REMOVE AND REUSE

PROTECT-IN-PLACE KEYNOTES:

- P1 PROTECT-IN-PLACE EXISTING WET WELL WALLS
- P2 PROTECT-IN-PLACE EXISTING POOL DECK
- P3 PROTECT-IN-PLACE EXISTING BOYS AND GIRLS CLUB BUILDING
- P4 PROTECT-IN-PLACE EXISTING WROUGHT IRON FENCE
- P5 PROTECT-IN-PLACE EXISTING CONCRETE SLAB
- P6 PROTECT-IN-PLACE EXISTING POOL
- P7 PROTECT-IN-PLACE EXISTING WET WELL SLAB

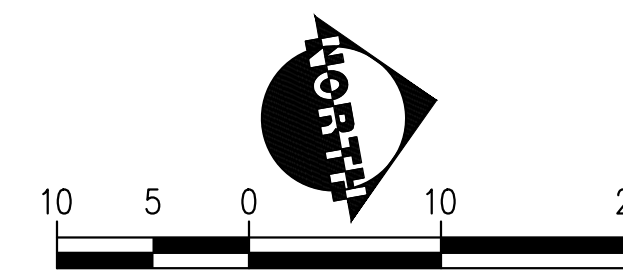
DEMOLITION KEYNOTES:

- D1 DEMOLISH EXISTING PUMP ROOM CONCRETE SLAB
- D2 DEMOLISH EXISTING PUMP ROOM WALL AND ASSOCIATED FOOTING
- D3 DEMOLISH EXISTING PUMP ROOM BUILDING (INCLUDING ROOF, CMU WALL, FOOTINGS, ETC.)
- D4 DEMOLISH EXISTING CHAIN-LINK FENCE
- D5 DEMOLISH EXISTING GATE
- D6 DEMOLISH EXISTING ROOF AND ASSOCIATED STRUCTURE AND FOOTINGS
- D7 DEMOLISH EXISTING LANDSCAPE AREA FOR NEW BUILDING AND PATH
- D8 DEMOLISH EXISTING LANDSCAPE TO BE REGRADED PER SHEET C2.0
- D9 DEMOLISH EXISTING CONCRETE DECK FOR NEW CONSTRUCTION PER STRUCTURAL PLANS

CITY OF SANTA CLARITA
BUILDING & SAFETY

APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen

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P: (714) 481-7300 | www.pacewater.com

REVISION:	09/30/2025
DATE:	09/30/2025
BY:	PM-DESIGN
FOR:	PM-CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 19-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA HEREBY DELEGATES TO THE ENGINEER, F. SVENDSEN, THE AUTHORITY TO EXECUTE THE CODE SECTION 830.6 FOR THE CITY OF SANTA CLARITA. I DO HEREBY TO EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AN IMPROVEMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT OR MODIFICATION TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



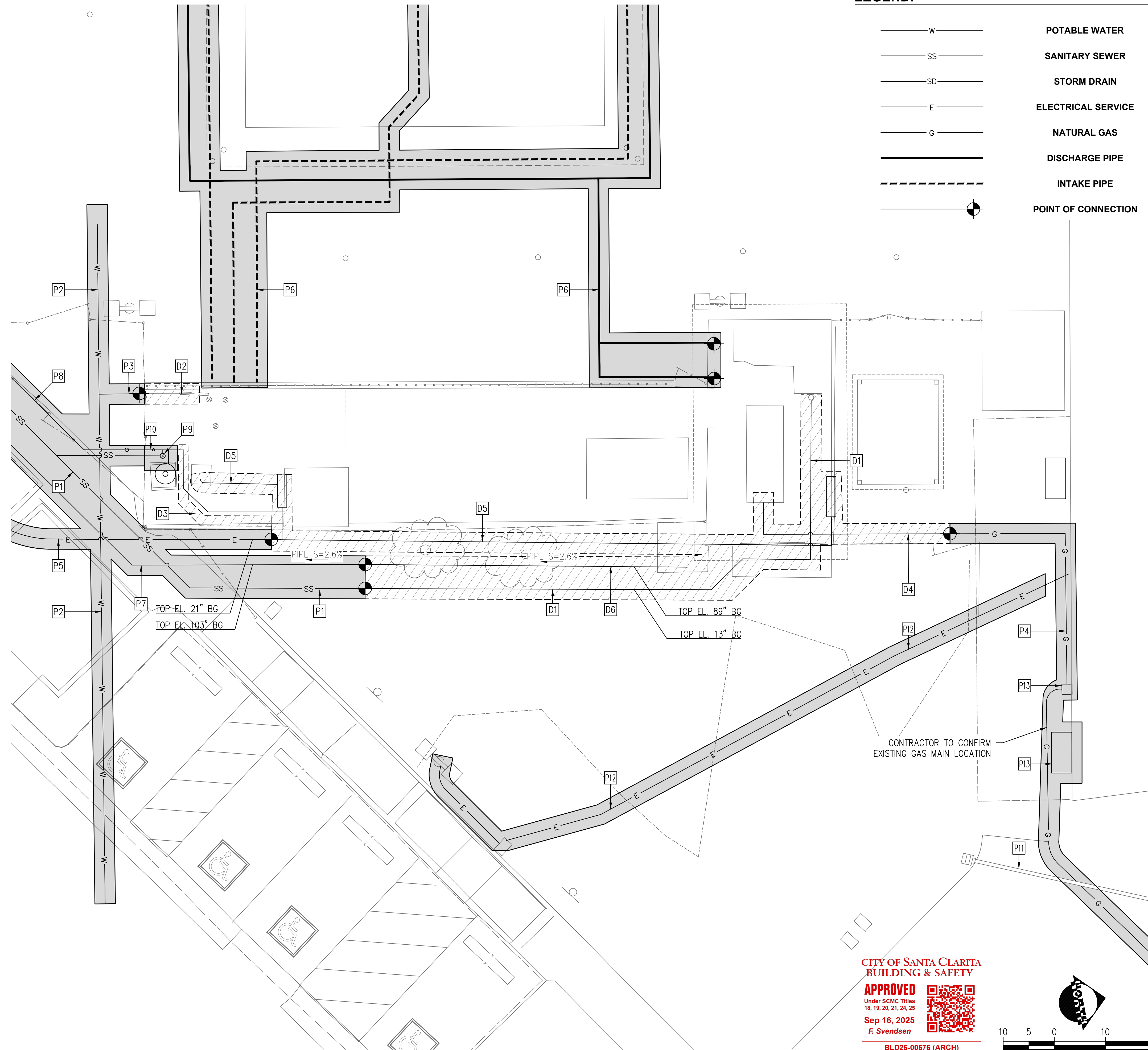
PREPARED BY:	ZHIRANG SONG	SCALE:	DATE:
PROJECT ENGINEER:	R.C.E. NO. -- # 69315	DRAWN:	J.P.
EXP.:	06/30/2026	DESIGNED:	J.P.
		CHECKED:	Z.S.

SITE DEMOLITION PLAN

NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)

SANTA CLARITA CA

C258 SHEET **D1.0** 04 OF 61 SHEETS
JOB NO. C258



LEGEND:

- W — POTABLE WATER
- SS — SANITARY SEWER
- SD — STORM DRAIN
- E — ELECTRICAL SERVICE
- G — NATURAL GAS
- DISCHARGE PIPE
- INTAKE PIPE
- POINT OF CONNECTION

DEMOLITION GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF DEMOLITION ITEMS, PROTECT IN PLACE ITEMS AND QUANTITY PRIOR TO START OF CONSTRUCTION WITH OWNER AND/OR OWNER'S REPRESENTATIVE. AS SHOWN ON THE DEMO PLANS.
2. CONTRACTOR TO COORDINATE WITH OWNER OR OWNER'S REPRESENTATIVES FOR ITEMS TO BE DEMOLISHED.
3. CONTRACTOR TO DISPOSE OF DEBRIS OFF-SITE.
4. CONTRACTOR TO REPLACE ANY ITEMS DAMAGED OR REMOVED THAT WAS NOT SPECIFICALLY IDENTIFIED IN THIS PLAN.
5. ALL PIPE LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY ACTUAL LOCATION AND TIE-IN ELEVATIONS AND NOTIFY OWNER AND/OR OWNER'S REPRESENTATIVE.
6. ANY PIPE/CONDUITS/WIRES NOT SHOWN SHALL BE PROTECTED IN PLACE. CONTRACTOR TO SUBMIT RFI AND NOTIFY OWNER AND/OR OWNER'S REPRESENTATIVE SO THE CORRECT COURSE OF ACTION CAN BE DETERMINED
7. BEFORE DEMOLITION, CONTRACTOR SHALL CONFIRM ALL UTILITIES (I.E. GAS, POWER, WATER, ETC.) ARE ALL TURNED OFF.

DEMOLITION LEGENDS:

- ITEM TO BE DEMOLISHED
- ITEM TO PROTECT-IN-PLACE
- ITEM TO REMOVE AND REUSE

PROTECT-IN-PLACE KEYNOTES:

- P1 PROTECT-IN-PLACE EXISTING 3" SEWER LINE
- P2 PROTECT-IN-PLACE EXISTING 3" WATER LINE
- P3 PROTECT-IN-PLACE EXISTING 2" WATER LINE
- P4 PROTECT-IN-PLACE EXISTING GAS LINE
- P5 PROTECT-IN-PLACE EXISTING ELECTRICAL LINE FOR BACKWASH SUMP PUMP
- P6 PROTECT-IN-PLACE EXISTING 8" POOL PIPING
- P7 PROTECT-IN-PLACE EXISTING 10" VCP GRAVITY LINE
- P8 PROTECT-IN-PLACE EXISTING 2" PRESSURIZED BACKWASH LINE TO BACKWASH FILTER
- P9 PROTECT-IN-PLACE EXISTING WASTE STANDPIPE
- P10 PROTECT-IN-PLACE EXISTING 2" PRESSURIZED BACKWASH LINE TO BACKWASH FILTER
- P11 PROTECT-IN-PLACE EXISTING 4" STORM DRAIN PIPE
- P12 PROTECT-IN-PLACE EXISTING STREET LIGHT LINE, CONTRACTOR TO DETERMINE EXACT LOCATION.
- P13 PROTECT-IN-PLACE EXISTING GAS HEATER AND GAS METER, CONTRACTOR TO DETERMINE EXACT LOCATION.

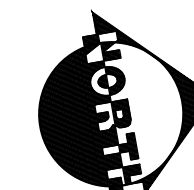
DEMOLITION KEYNOTES:

- D1 DEMOLISH EXISTING 3" SEWER LINE AND ASSOCIATED CLEANOUTS
- D2 DEMOLISH EXISTING 2" WATER LINE
- D3 DEMOLISH EXISTING 2" PRESSURIZED BACKWASH LINE TO EXISTING WET WELL
- D4 DEMOLISH EXISTING GAS LINE
- D5 DEMOLISH EXISTING ELECTRICAL WIRING AND CONDUITS
- D6 DEMOLISH EXISTING 10" VCP GRAVITY BACKWASH LINE

**CITY OF SANTA CLARITA
BUILDING & SAFETY**
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SITE PLAN
SCALE: 1"=10'-0"



REVISION:	09/30/2025
DATE:	09/30/2025
BY:	PM-DESIGN
EXECUTED BY:	
DATE:	09/30/2025
BY:	PM-CONSTRUCTION
EXECUTED BY:	

IN ACCORDANCE WITH RESOLUTION NO. 18-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING UTILITIES AND TO THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



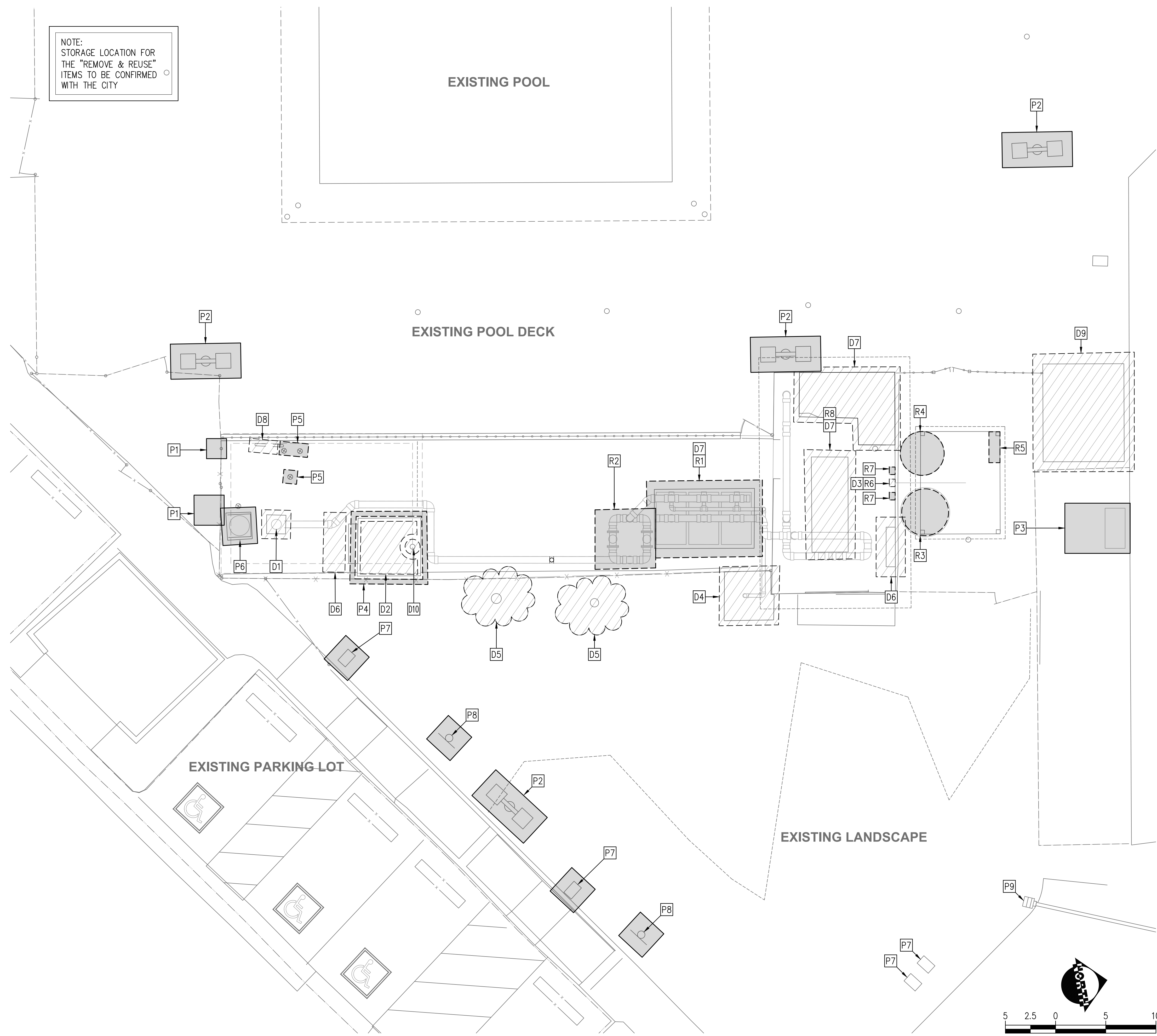
PREPARED BY:	ZHIRANG SONG
PROJECT ENGINEER:	R.C.E. NO. # 69315
EXP. DATE:	06/30/2026
DRAWN:	J.P.
DESIGNED:	J.P.
CHECKED:	Z.S.
DATE:	09/29/2025

UTILITY DEMOLITION PLAN

**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**

D2.0
05 OF 61 SHEETS
JOB NO. C258

NOTE:
STORAGE LOCATION FOR
THE "REMOVE & REUSE"
ITEMS TO BE CONFIRMED
WITH THE CITY



SITE PLAN
SCALE: 1"=5'-0"

DEMOLITION GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF DEMOLITION ITEMS, REMOVE AND REUSE ITEMS, PROTECT IN PLACE ITEMS AND QUANTITY PRIOR TO START OF CONSTRUCTION WITH OWNER AND/OR OWNER'S REPRESENTATIVE. AS SHOWN ON THE DEMO PLANS.
2. CONTRACTOR TO COORDINATE WITH OWNER OR OWNER'S REPRESENTATIVES FOR ITEMS TO BE DEMOLISHED.
3. CONTRACTOR TO DISPOSE OF DEBRIS OFF-SITE.
4. CONTRACTOR TO REPLACE ANY ITEMS DAMAGED OR DEMOLISH THAT WAS NOT SPECIFICALLY IDENTIFIED IN THIS PLAN.
5. ALL MECHANICAL PIPING TO BE DEMOLISHED AND DEMOLISH

DEMOLITION LEGENDS:

- ITEM TO BE DEMOLISHED
- ITEM TO PROTECT-IN-PLACE
- ITEM TO REMOVE AND REUSE

REMOVE RELOCATE, AND REUSE KEYNOTES:

- R1** REMOVE AND REUSE EXISTING POOL FILTER
- R2** REMOVE AND REUSE EXISTING BASKET STRAINER
- R3** REMOVE AND REUSE EXISTING 500 GAL CHLORINE TANK
- R4** REMOVE AND REUSE EXISTING 350 GAL ACID TANK
- R5** REMOVE AND REUSE EXISTING EYE WASH STATION
- R6** REMOVE AND REUSE EXISTING STENNER 85M
- R7** REMOVE AND REUSE EXISTING STENNER 45M
- R8** REMOVE AND REUSE EXISTING POOL HEATER

PROTECT-IN-PLACE KEYNOTES:

- P1** PROTECT IN PLACE EXISTING VALVE VAULT AND PANEL
- P2** PROTECT IN PLACE EXISTING LIGHT
- P3** PROTECT IN PLACE EXISTING TRANSFORMER
- P4** PROTECT IN PLACE EXISTING RAISED CONCRETE WET WELL WALLS
- P5** PROTECT IN PLACE EXISTING VALVES
- P6** PROTECT IN PLACE EXISTING HOUSEKEEPING PAD
- P7** PROTECT IN PLACE EXISTING VALVE BOX
- P8** PROTECT IN PLACE EXISTING HANDICAP SIGN
- P9** PROTECT IN PLACE EXISTING STORM DRAIN INLET

DEMOLITION KEYNOTES:

- D1** DEMOLISH EXISTING VERTICAL TURBINE PUMP
- D2** DEMOLISH EXISTING ACCESS HATCH
- D3** DEMOLISH EXISTING CHEMICAL CONTROLLER
- D4** DEMOLISH EXISTING BACKWASH PIT
- D5** DEMOLISH EXISTING TREES (2)
- D6** DEMOLISH EXISTING ELECTRICAL PANEL
- D7** DEMOLISH EXISTING HOUSEKEEPING PAD
- D8** DEMOLISH EXISTING WATER FILL
- D9** DEMOLISH EXISTING STORAGE SHED
- D10** DEMOLISH EXISTING FLOAT SENSOR

**CITY OF SANTA CLARITA
BUILDING & SAFETY**

APPROVED
Under SCMC Titles
16, 19, 20, 21, 24, 26
Sep 16, 2025
F. Svendsen

BLD25-00576 (ARCH)

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REVISION:	09/30/2025
BY: [Signature]	EXECUTION DATE
PM-DESIGN	
REVISION:	09/30/2025
BY: [Signature]	EXECUTION DATE
PM-CONSTRUCTION	

IN ACCORDANCE WITH RESOLUTION NO. 19-05 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT OR TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZHIRANG SONG	SCALE:	DATE:
PROJECT ENGINEER	R.C.E. NO. -- # 69315	DRAWN:	J.P.
EXP. 06/30/2026		DESIGNED:	J.P.
		CHECKED:	Z.S.

**MECHANICAL
DEMOLITION PLAN**

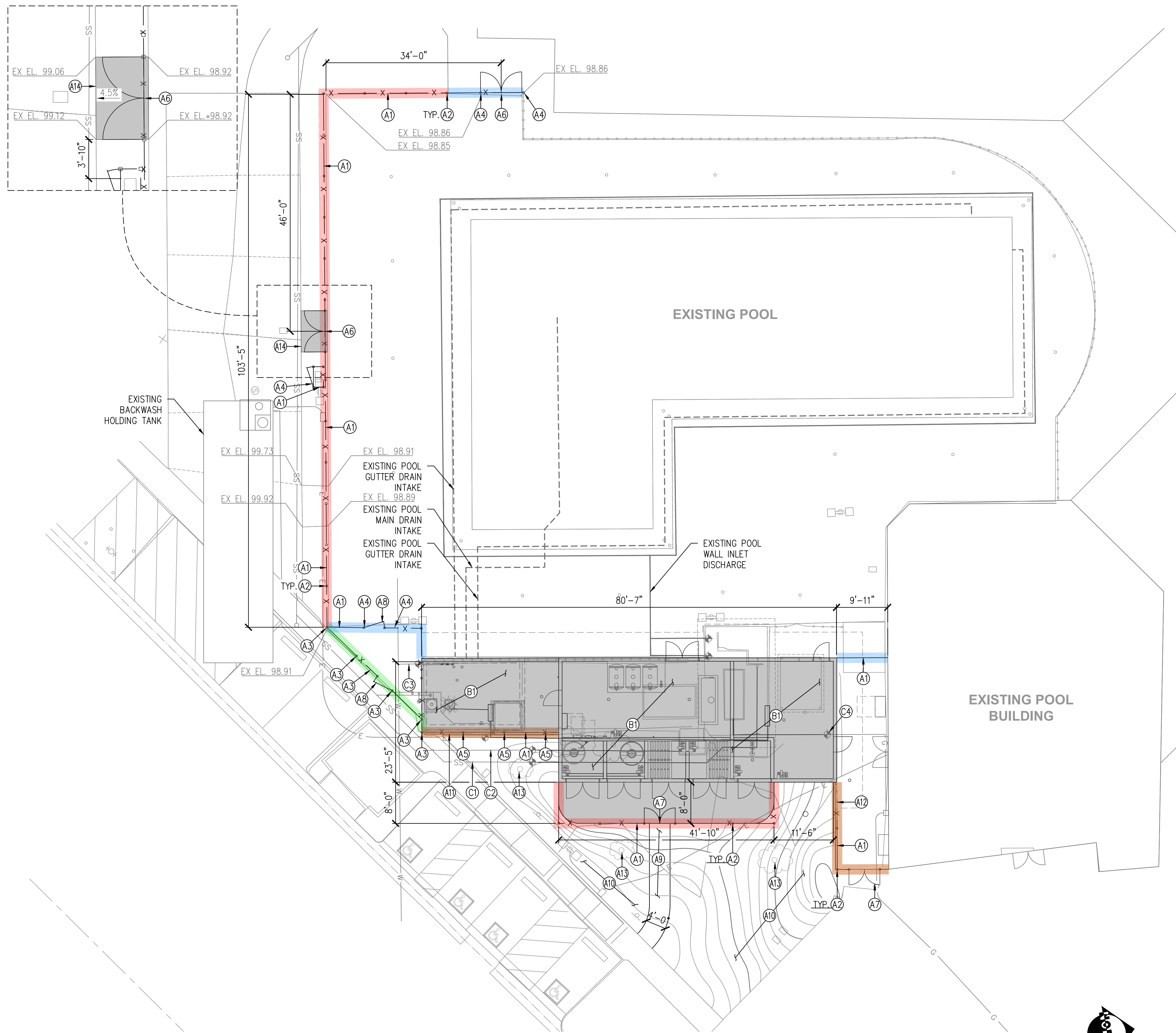
TITLE

**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**

SANTA CLARITA CA

C258 SHEET **D3.0** 06 OF 61 SHEETS

JOB NO. C258



SITE PLAN
SCALE: 1"=10'-0"

CONSTRUCTION NOTES

NEW LANDSCAPE FEATURES

- (A1) INSTALL NEW 8'-0" WROUGHT-IRON FENCE PER DETAIL A SHEET C3.0
- (A2) INSTALL NEW 8'-0" TALL 4" SQUARE 12 GA POST PER DETAIL B SHEET C3.2
- (A3) INSTALL NEW 8'-0" TALL 4" SQUARE 12 GA POST PER DETAIL C SHEET C3.2
- (A4) INSTALL NEW 8'-0" TALL 4" SQUARE 12 GA POST PER DETAIL E SHEET C3.2
- (A5) INSTALL NEW 8'-0" TALL 4" SQUARE 12 GA POST PER DETAIL F SHEET C3.2
- (A6) INSTALL NEW DOUBLE-DOOR, SELF-LATCHING GATE PER DETAIL D SHEET C3.0
- (A7) INSTALL NEW DOUBLE-DOOR GATE PER DETAIL C SHEET C3.0
- (A8) INSTALL NEW SINGLE-DOOR GATE PER DETAIL E SHEET C3.0
- (A9) INSTALL NEW CONCRETE ACCESS WALKWAY PER DETAIL 10 SHEET S0.4
- (A10) REGRADE LANDSCAPE AREA PER SHEET C2.0
- (A11) INSTALL NEW CONTAINMENT WALL PER DETAIL 5 SHEET S2.1
- (A12) INSTALL NEW 6" CURB PER DETAIL 7 SHEET S2.1
- (A13) INSTALL NEW TREE
- (A14) INSTALL NEW CONCRETE ACCESS ROAD PER DETAIL A SHEET C3.2

NEW PUMP ROOM CONSTRUCTION

- (B1) INSTALL NEW PUMP ROOM BUILDING PER STRUCTURAL PLANS, ARCHITECTURAL PLANS

EXISTING UTILITIES

- (C1) EXISTING 3" SEWER LINE TO CONNECT TO NEW PUMP ROOM FLOOR DRAINS PER SHEET M2.1
- (C2) EXISTING 10" VCP BACKWASH GRAVITY LINE TO CONNECT TO FILTER BACKWASH PER SHEET M2.1
- (C3) EXISTING 2" WATER LINE TO CONNECT TO POOL FILL SYSTEM PER SHEET M2.1
- (C4) EXISTING GAS LINE TO CONNECT TO POOL HEATER

LEGEND:

- WROUGHT-IRON POST PER DETAIL B SHEET C3.1
- WROUGHT-IRON POST PER DETAIL C SHEET C3.1
- WROUGHT-IRON POST PER DETAIL E SHEET C3.1
- WROUGHT-IRON POST PER DETAIL F SHEET C3.1

PREPARED BY: ZIRANG SONG	DATE: 09/30/2025
PROJECT ENGINEER: R.C.E. NO. -- # 69315	EXECUTION DATE:
EXP. 06/30/2026	DATE: 09/30/2025
DRAWN: J.P.	SCALE:
DESIGNED: J.P.	DATE:
CHECKED: Z.S.	DATE:

IN ACCORDANCE WITH RESOLUTION NO. 19-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES OR TO CONSTRUCT NEW PUBLIC FACILITIES UNDER THE PROVISIONS OF THE CITY CODE SECTION 830.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AN IMPROVEMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT OR MODIFICATION TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY: ZIRANG SONG	SCALE:	DATE: 09/29/2025
PROJECT ENGINEER: R.C.E. NO. -- # 69315	DRAWN: J.P.	DESIGNED: J.P.
EXP. 06/30/2026	CHECKED: Z.S.	

SITE AND UTILITY PLAN

TITLE
**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**
SANTA CLARITA CA

C258 SHEET
C1.0
07 OF 61 SHEETS
JOB NO. C258

CITY OF SANTA CLARITA
BUILDING & SAFETY

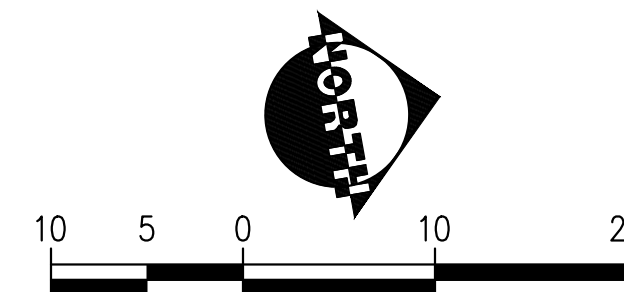


BLD25-00576 (ARCH)

The approved plans must be available at the construction site at all times. Changes or alterations to approved plans shall not be made without written permission from the City of Santa Clara Building & Safety Division. The approval of these plans shall not be construed to permit or approve any violation of the applicable codes, ordinances, or other laws.



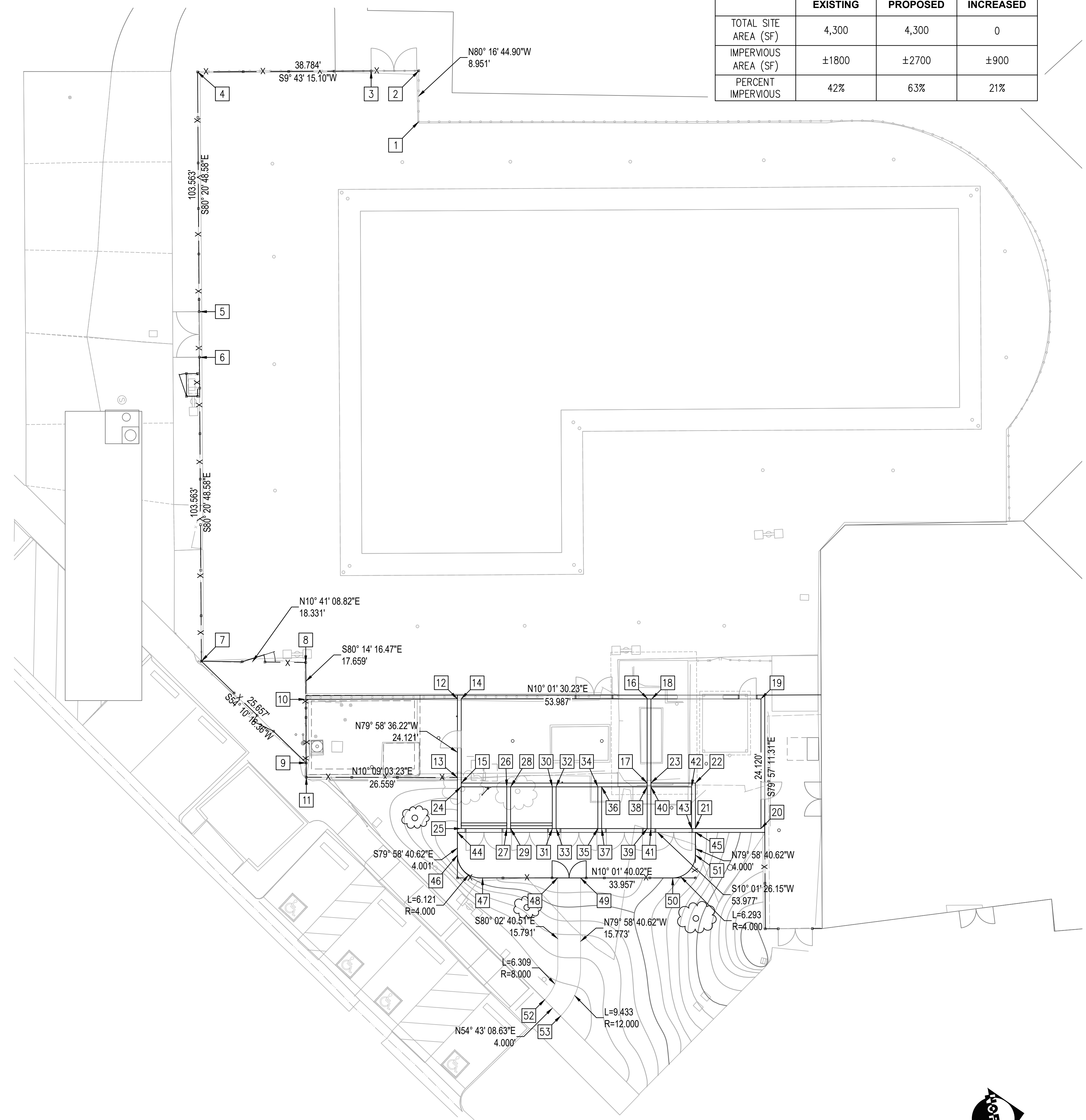
17520 Newhope Street, Suite 200 | Fountain Valley, CA 92708
P: (714) 481-7300 | www.pacewater.com



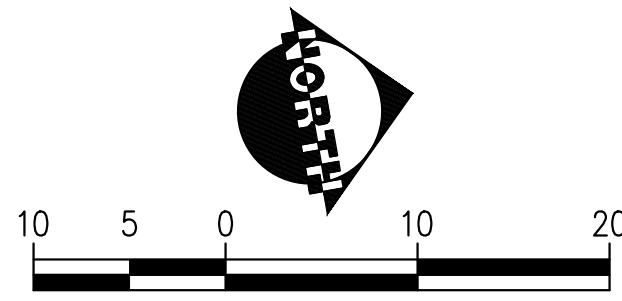
IMPERVIOUS AREA			
	EXISTING	PROPOSED	INCREASED
TOTAL SITE AREA (SF)	4,300	4,300	0
IMPERVIOUS AREA (SF)	±1800	±2700	±900
PERCENT IMPERVIOUS	42%	63%	21%

POINT TABLE			
PNT. #	NORTHING	EASTING	DESCRIPTION
1	5104.74	6874.21	NEW FENCE
2	5106.25	6865.39	NEW FENCE
3	5098.08	6863.99	NEW FENCE
4	5060.96	6900.38	NEW FENCE
5	5068.02	6858.84	NEW FENCE
6	5059.61	6908.27	NEW FENCE
7	5050.66	6960.94	NEW FENCE
8	5068.67	6964.34	NEW FENCE
9	5065.68	6981.74	NEW FENCE
10	5067.57	6970.73	OUTSIDE PUMP STATION
11	5065.25	6984.21	OUTSIDE PUMP STATION
12	5093.81	6975.26	OUTSIDE PUMP STATION
13	5091.39	6988.89	OUTSIDE PUMP STATION
14	5094.46	6975.40	INSIDE PUMP STATION
15	5091.88	6989.96	INSIDE PUMP STATION
16	5126.62	6981.08	INSIDE PUMP STATION
17	5124.05	6995.65	INSIDE PUMP STATION
18	5127.28	6981.20	STORAGE ROOM
19	5146.31	6984.57	STORAGE ROOM
20	5142.34	7007.00	STORAGE ROOM
21	5124.70	6995.76	STORAGE ROOM
22	5132.39	6997.12	STORAGE ROOM
23	5131.00	7005.00	STORAGE ROOM
24	5091.77	6990.62	CHEMICAL ROOM
25	5090.49	6997.84	CHEMICAL ROOM
26	5099.65	6992.01	CHEMICAL ROOM
27	5098.37	6999.23	CHEMICAL ROOM
28	5100.30	6992.13	CHEMICAL ROOM
29	5099.03	6999.35	CHEMICAL ROOM
30	5107.52	6993.40	CHEMICAL ROOM

POINT TABLE			
PNT. #	NORTHING	EASTING	DESCRIPTION
31	5106.25	7000.62	CHEMICAL ROOM
32	5108.18	6993.52	CHEMICAL ROOM
33	5106.90	7000.74	CHEMICAL ROOM
34	5115.40	6994.79	CHEMICAL ROOM
35	5114.12	7002.02	CHEMICAL ROOM
36	5116.06	6994.91	CHEMICAL ROOM
37	5114.78	7002.13	CHEMICAL ROOM
38	5123.93	6996.30	CHEMICAL ROOM
39	5122.65	7003.52	CHEMICAL ROOM
40	5124.59	6996.42	EYEWASH ROOM
41	5123.31	7003.64	EYEWASH ROOM
42	5131.62	6997.66	EYEWASH ROOM
43	5130.34	7004.88	EYEWASH ROOM
44	5090.13	6998.45	CONC ACCESS WALKWAY
45	5130.88	7005.66	CONC ACCESS WALKWAY
46	5089.02	7002.32	CONC ACCESS WALKWAY
47	5092.67	7007.03	CONC ACCESS WALKWAY
48	5105.66	7009.32	CONC ACCESS WALKWAY
49	5109.61	7010.04	CONC ACCESS WALKWAY
50	5125.54	7012.84	CONC ACCESS WALKWAY
51	5130.19	7009.59	CONC ACCESS WALKWAY
52	5099.62	7030.06	CONC ACCESS WALKWAY
53	5101.93	7033.32	CONC ACCESS WALKWAY



SITE PLAN
SCALE: 1"=10'-0"



FOR REFERENCE



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P: (714) 481-7300 | www.pacewater.com

REVISION:	09/30/2025	EXECUTION DATE
DATE:	09/30/2025	EXECUTION DATE
BY:	J.P.	BY:
FM-DESIGN		FM-CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 19-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT OR CODE SECTION 830.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG	SCALE:	DATE:
PROJECT ENGINEER:	R.C.E. NO. 69315	DESIGNED:	J.P.
EXP. 06/30/2026	# 69315	CHECKED:	Z.S.

NORTHING AND EASTING TABLE

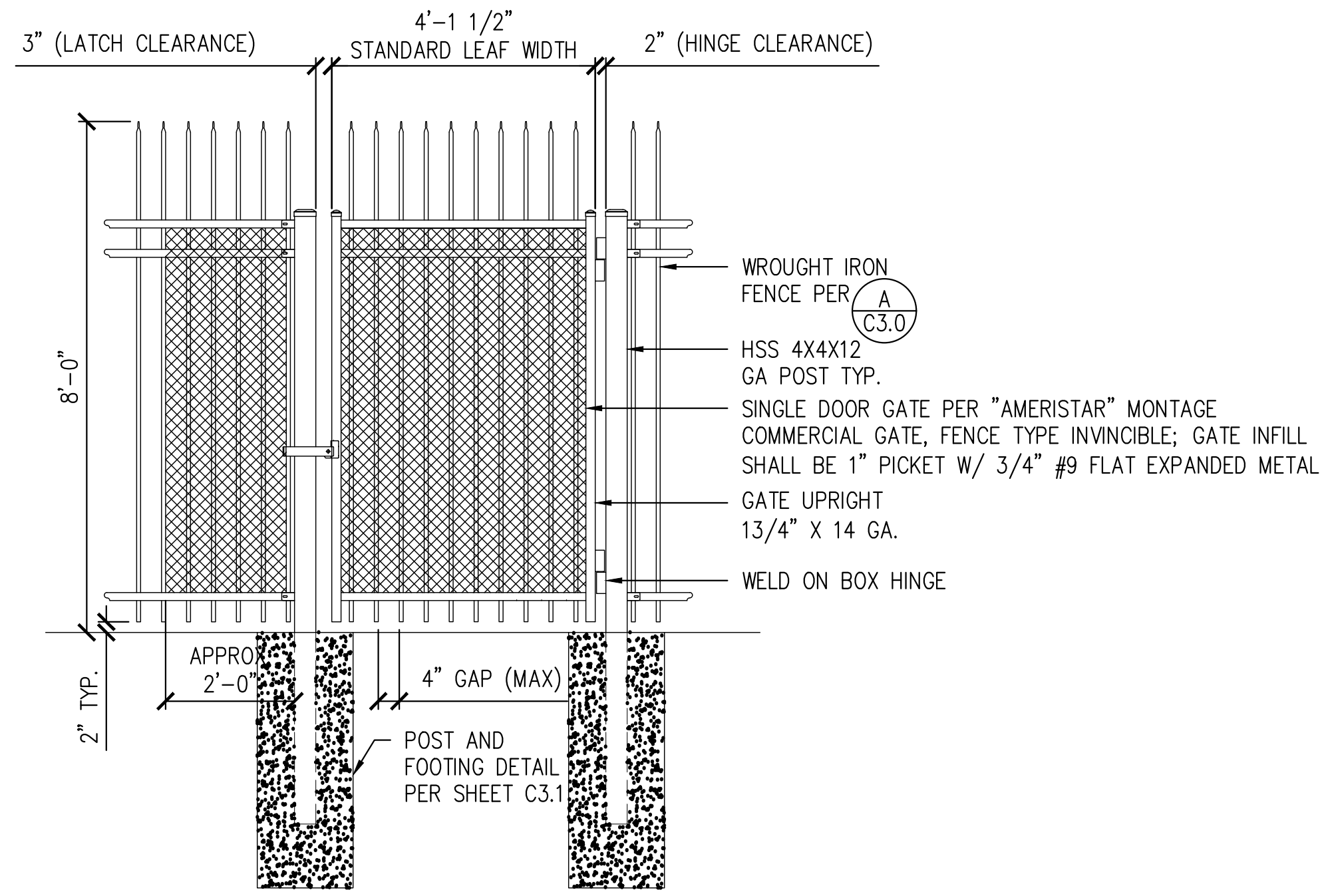
TITLE: **NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)** CA

SHEET: **C2.1** 09 OF 61 SHEETS

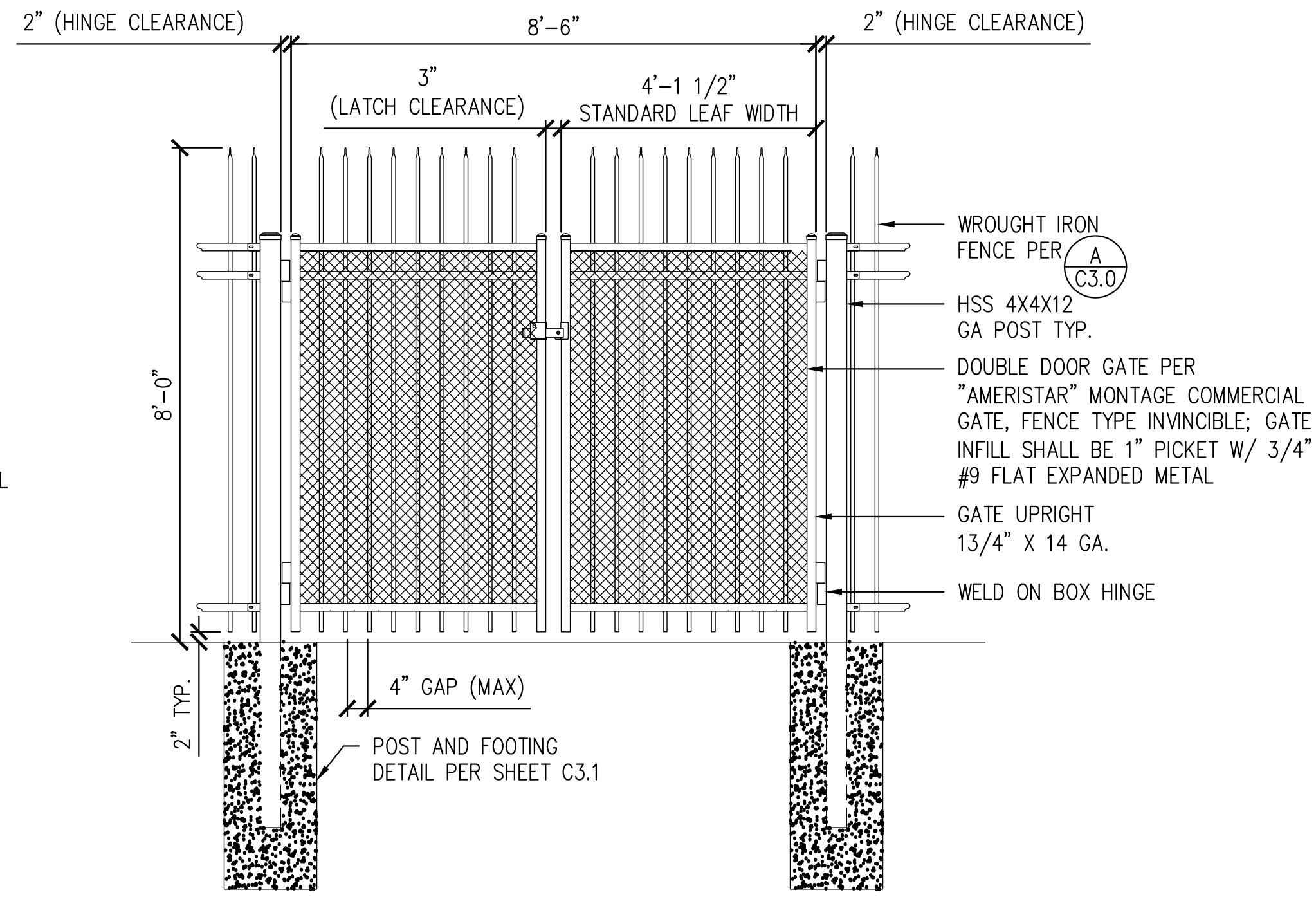
JOB NO. C258

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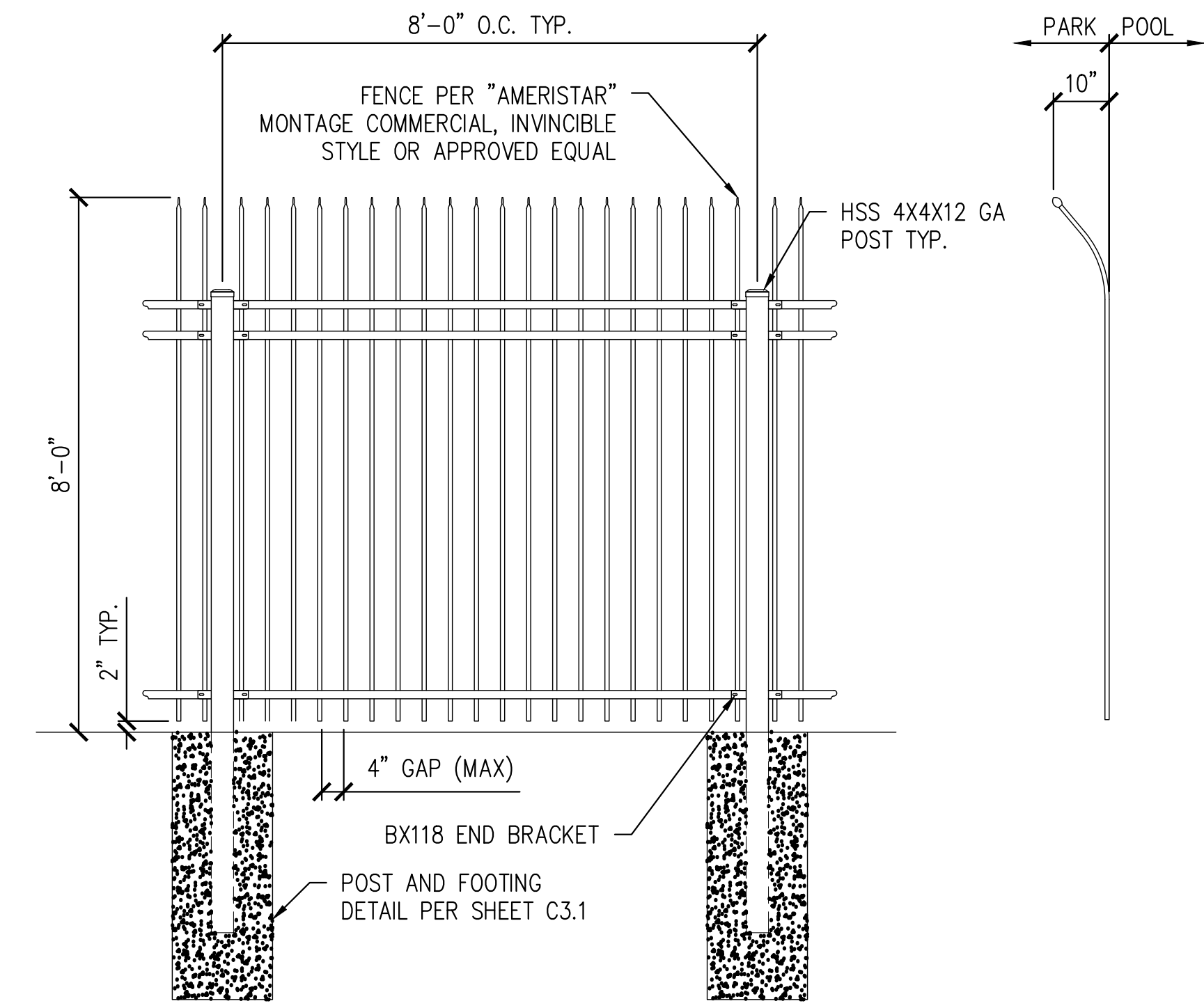
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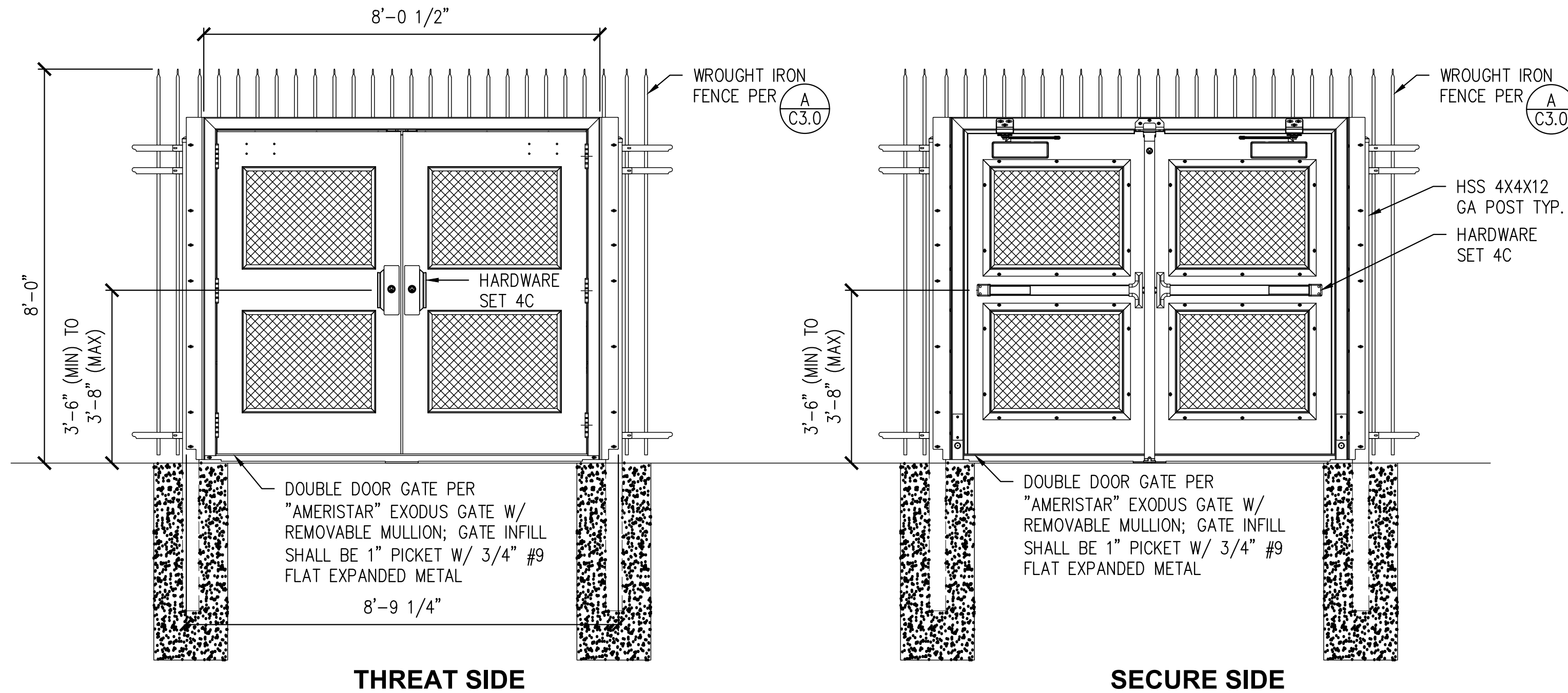
E WROUGHT IRON SINGLE DOOR GATE PER AMERISTAR
SCALE: 1/2"=1'-0"



C WROUGHT IRON DOUBLE DOOR GATE PER AMERISTAR
SCALE: 1/2"=1'-0"



A WROUGHT IRON FENCE PER AMERISTAR
SCALE: 1/2"=1'-0"



D EXODUS DOUBLE DOOR EGRESS GATE PER AMERISTAR
SCALE: 1/2"=1'-0"

CITY OF SANTA CLARITA
BUILDING & SAFETY
APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen

BLD25-00576 (ARCH)
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P: (714) 481-7300 | www.pacewater.com

REVISION:	09/30/2025	EXECUTION DATE
DATE:	09/30/2025	EXECUTION DATE
BY:		BY:
FM: DESIGN		FM: CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION No. 18-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO PUBLIC FACILITIES, THE CITY OF SANTA CLARITA HEREBY AUTHORIZES THE CITY ENGINEER TO EXECUTE THE CODE SECTION 830.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG	SCALE:		DATE:	09/29/2025
PROJECT ENGINEER:	R.C.E. NO. -- # 69315	DRAWN:	J.P.	DESIGNED:	J.P.
EXP.:	06/30/2026	CHECKED:	Z.S.		

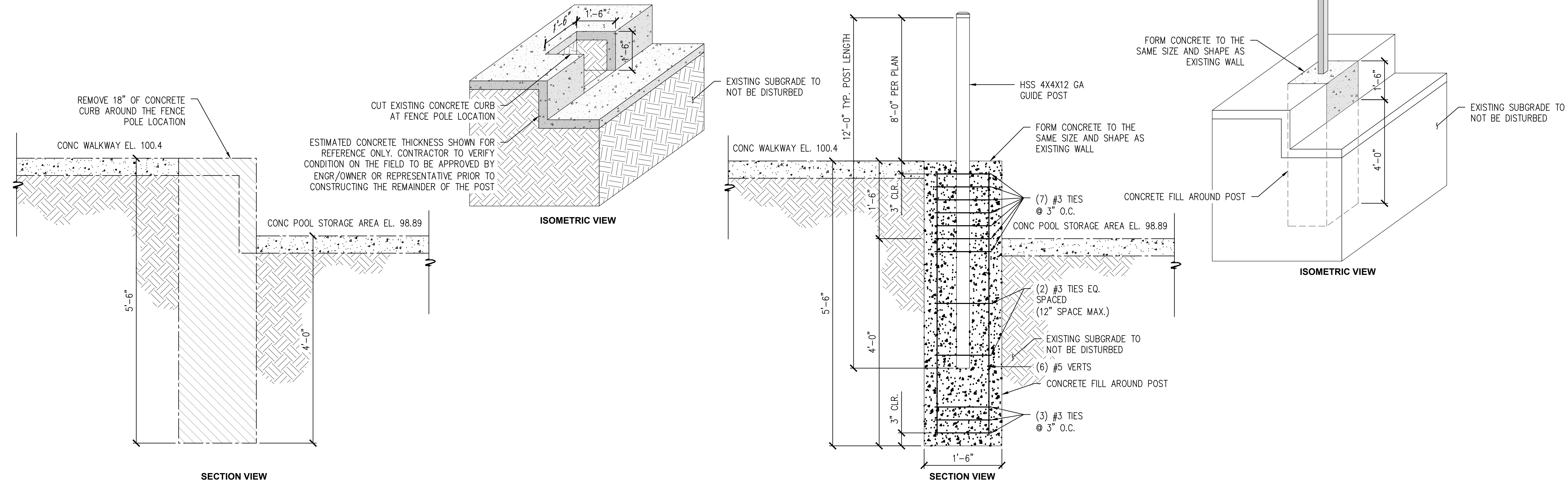
GENERAL DETAILS

TITLE
**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**

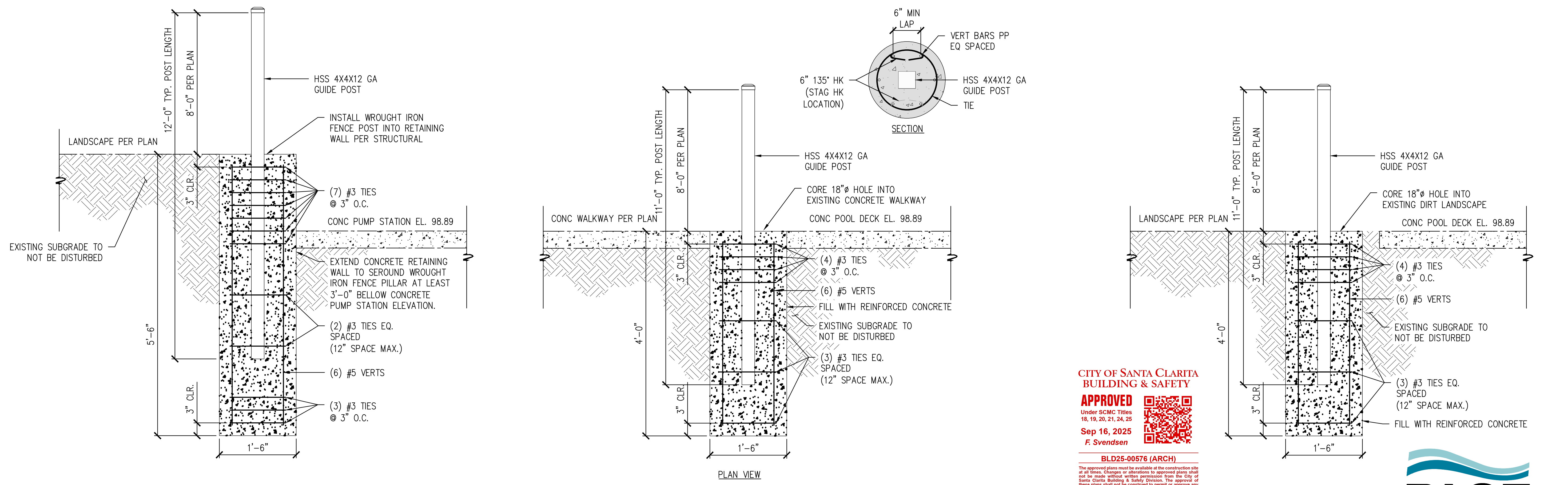
SANTA CLARITA CA

SHEET
C3.0

11 OF 61 SHEETS
JOB NO. C258



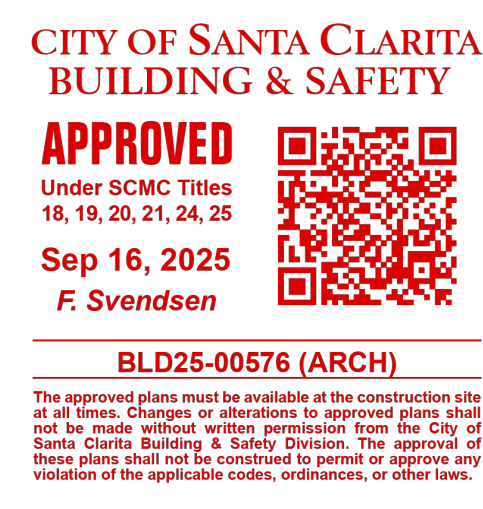
E POST DETAIL AT STEP
SCALE: 1"=1'-0"



F POST DETAIL AT RETAINING WALL
SCALE: 1"=1'-0"

D POST DETAIL AT WALKWAY
SCALE: 1"=1'-0"

B POST DETAIL AT LANDSCAPE
SCALE: 1/2"=1'-0"



REVISION:	09/30/2025
DATE: 11/14/24	EXECUTION DATE
BY: J.P.	BY: J.P.
FM-DESIGN	FM-CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 19-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO ANY PUBLIC FACILITY, THE CITY ENGINEER, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS HEREBY APPROVE THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG
PROJECT ENGINEER	R.C.E. NO. -- # 69315
EXP. 06/30/2026	SCALE
DRAWN:	J.P.
DESIGNED:	J.P.
CHECKED:	Z.S.
DATE:	09/20/2025

GENERAL DETAILS

TITLE: **NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)**

CITY: **SANTA CLARITA CA**

SHEET: **C3.1**

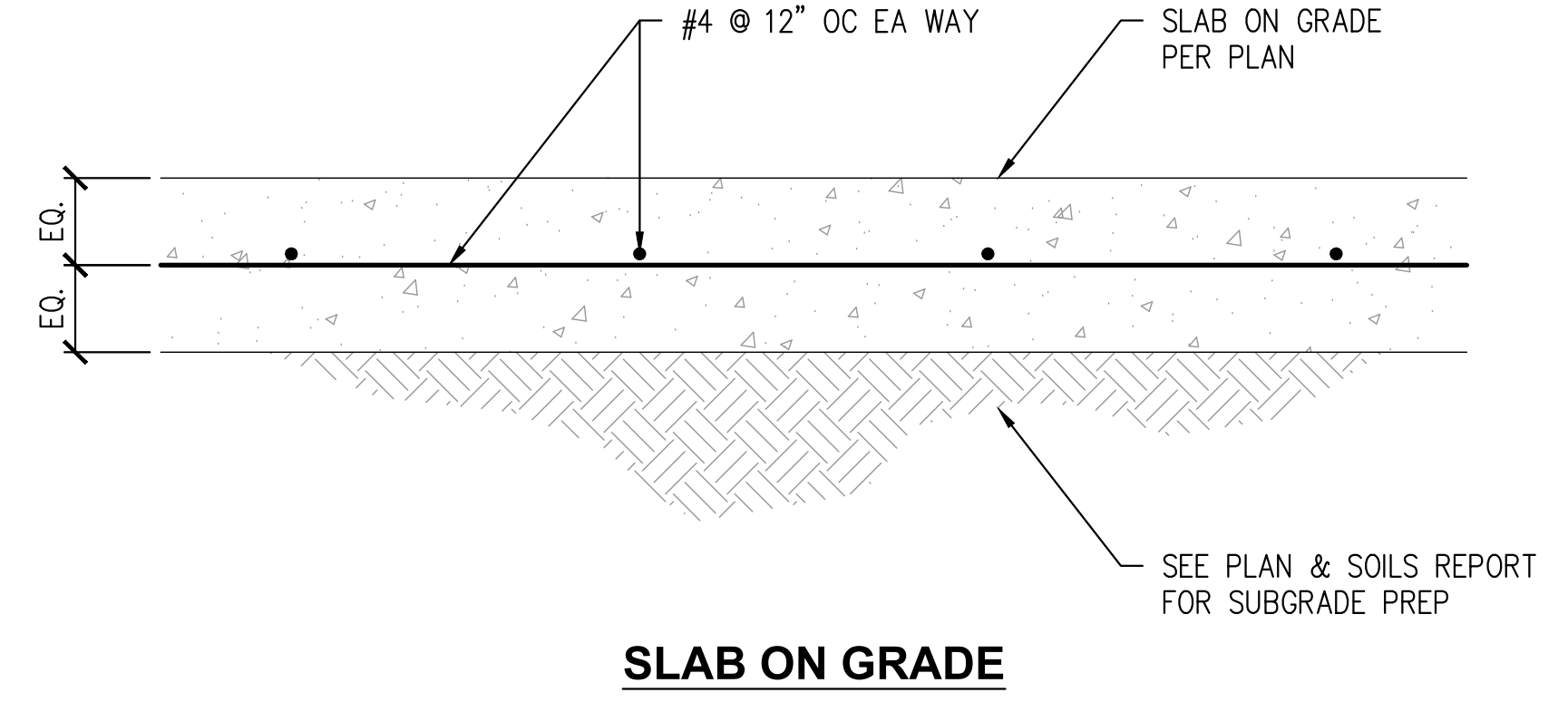
12 OF 61 SHEETS

JOB NO. C258

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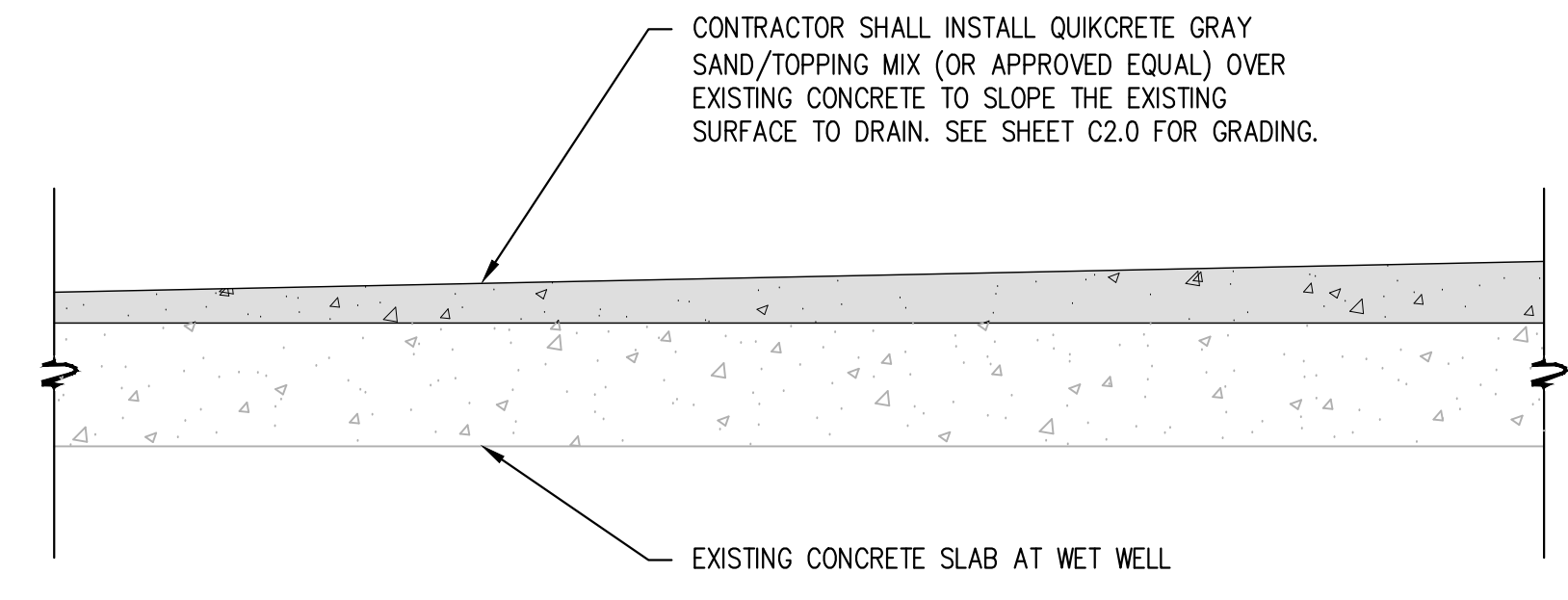
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IN ACCORDANCE WITH RESOLUTION NO. 19-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE CODE SECTION 83A.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



A CONCRETE SLAB DETAIL
SCALE: 1"=1'-0"

NOTE:
CONTRACTOR SHALL PREPARE THE EXISTING SURFACE AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS.



B WET WELL REGRADING DETAIL
SCALE: NTS

**CITY OF SANTA CLARITA
BUILDING & SAFETY**
APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen



BLD25-00576 (ARCH)
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REVISION:	09/30/2025
DATE:	EXECUTION DATE
BY:	PM: DESIGN
BY:	09/30/2025
BY:	EXECUTION DATE
BY:	PM: CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 19-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE CODE SECTION 83A.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZHIRANG SONG
PROJECT ENGINEER:	# 69315
R.C.E. NO.:	06/30/2026
EXP.:	SCALE
DRAWN:	J/P
DESIGNED:	J/P
CHECKED:	Z/S
DATE:	03/2025

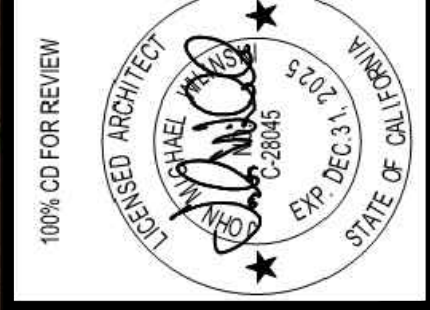
GENERAL DETAILS

TITLE: **NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)** CA
SANTA CLARITA
C258
SHEET: **C3.2**
13 OF 61 SHEETS
JOB NO. C258



REVISION:	09/30/2025
DATE:	09/30/2025
BY:	PM-DESIGN
FOR:	PM-CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 19-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



APPROVED BY:	DATE:
PROJECT ARCHITECT:	SEPT. 2025
C-28045	
EXP: 12.31.25	
DRAWN BY:	SCALE:
Author	
DESIGNED BY:	CHECKED BY:
Designer	JMW

**RENDERINGS
FOR REFERENCE**

TITLE
**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**

SANTA CLARITA CA

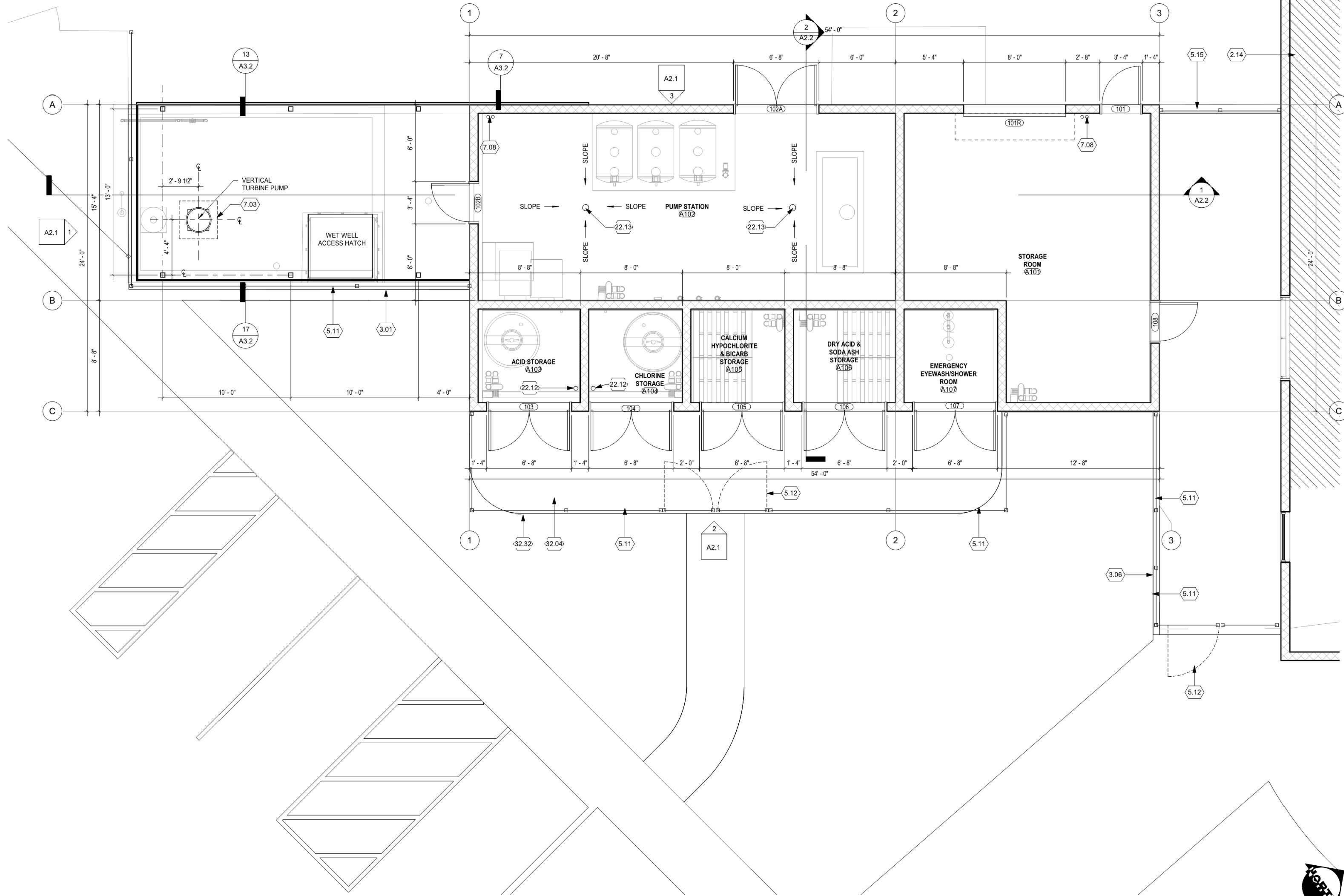
SHEET
A1.0

14 OF 61 SHEETS

JOB NO. C258



17520 Newhope Street, Suite 200 | Ft. Worth, TX 76116
P: (714) 461-7300 | W: www.pace-engineers.com



KEYNOTES

- | NO. | Note - Detail |
|-------|----------------------------------------------------------------------------------------|
| 2.14 | (E) BUILDING |
| 3.01 | RETAINING WALL (SEE STRUCT) |
| 3.06 | CONCRETE CURB (SEE STRUCT) |
| 5.11 | 8" HIGH WROUGHT IRON FENCE PANEL PER SHEET C1.0 |
| 5.12 | WROUGHT IRON GATE |
| 5.15 | 8" HIGH WROUGHT IRON FENCE PANEL PER SHEET C1.0 |
| 7.03 | MINIMUM 36"x36" CLR. ROOF HATCH OPENING WITH REMOVABLE FIBER GLASS COVER, CURB MOUNTED |
| 7.08 | ROOF DRAIN AND OVERFLOW DRAIN |
| 22.12 | EMERGENCY EYE-WASH STATION |
| 22.13 | FLOOR DRAIN |
| 32.04 | CONCRETE PAVING |
| 32.32 | LANDSCAPE AREA |

BUILDING CODE ANALYSIS

OCCUPANCY CLASSIFICATION	U
CONSTRUCTION TYPE	V-8
OCC. SEPARATION REQUIRED	NO
AUTOMATIC SPRINKLER SYSTEM	NO
ALLOWABLE AREA	
BASIC ALLOWABLE AREA (TABLE 503)	8,500 s.f.
ACTUAL AREA	
PROPOSED BUILDING AREA:	1,296 s.f.
PROPOSED COVERED AREA:	730 s.f.
ALLOWABLE HEIGHT	
MAX. HEIGHT IN FT./STORIES	40'-0"/11
(PER CBC TABLE 503 IN ACCORDANCE WITH SECTION 504.2)	
ACTUAL HEIGHT	
PROPOSED HEIGHT IN FT./STORIES	14'-0"

FLOOR PLAN NOTES

- ALL EXITS TO BE OPENABLE FROM INSIDE WITHOUT THE USE OF KEY AND/OR SPECIAL KNOWLEDGE OR EFFORT. U.N.O. SURFACE MOUNTED FLUSH OR SURFACE BOLTS ARE PROHIBITED.
- PAINT ALL STEEL COLUMNS, LADDERS, METAL DOORS AND FRAMES AND STEEL RAILS PER SPECS. COLORS BY OWNER.
- ALL INSULATION SHALL HAVE FLAME SPREAD RATE NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH U.B.C. STANDARD NO. 42-1.
- PROVIDE 4'-0" HIGH ANGLE IRON DOOR GUARDS AT FLOOR OF EACH JAMB OF EACH OVERHEAD DOOR OPENING.
- PROVIDE EXTERIOR MASONRY WITH SPLIT-FACED, PRECISION AND COLORS TO MATCH EXISTING BUILDING. [COLORS TO BE SELECTED BY OWNER].
- PROVIDE EXTERIOR BLOCK FILLER AND ANTI-GRAFFITI COATING - SURE KLAEAN BLOK-GUARD & GRAFFITI CONTROL II.
- ALL LOUVERS AND VENTS ARE TO BE COVERED WITH AN EXPANDED STEEL MESH, MEDIUM GRADE THICKNESS OVER THE INTERIOR OF THE VENT. MESH COVERING SHALL BE INTEGRAL IN THE FRAME OF VENTS/LOUVERS.
- MAXIMUM ALLOWABLE NaOCL (CORROSIVE LIQUID) IN-USE STORAGE SHALL BE 500-LIQUID GALLONS PER CB TABLE 307.1(2)

NOTE:
ALL CONSTRUCTION SHALL CONFORM TO THE 2022 CALIFORNIA BUILDING, FIRE, MECHANICAL, PLUMBING, ELECTRICAL, ENERGY CODE AND GREEN BUILDING CODE.

CITY OF SANTA CLARITA
BUILDING & SAFETY

APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen



BLD25-00576 (ARCH)
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REVISION:	DATE:	BY:
09/30/2025	09/30/2025	FM
EXECUTOR DATE	EXECUTOR	CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 19-05 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



100% CD FOR REVIEW	DATE	SEPT. 2025
PROJECT ARCHITECT	SCALE	As Indicated
C-28045	DESIGNED BY	SO-1
EXP: 12.31.25	CHECKED BY	JMW

FLOOR PLAN

TITLE

**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**

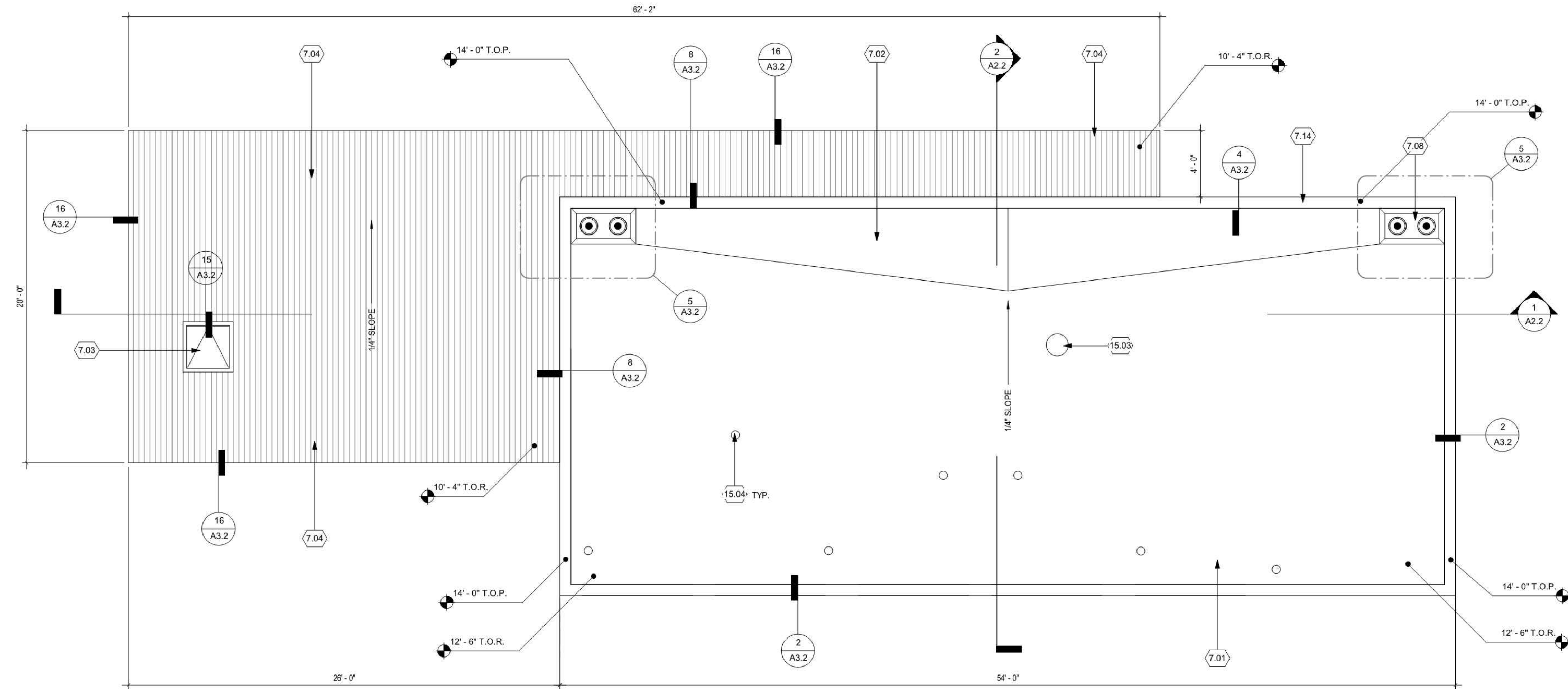
SANTA CLARITA CA

100% CD FOR REVIEW

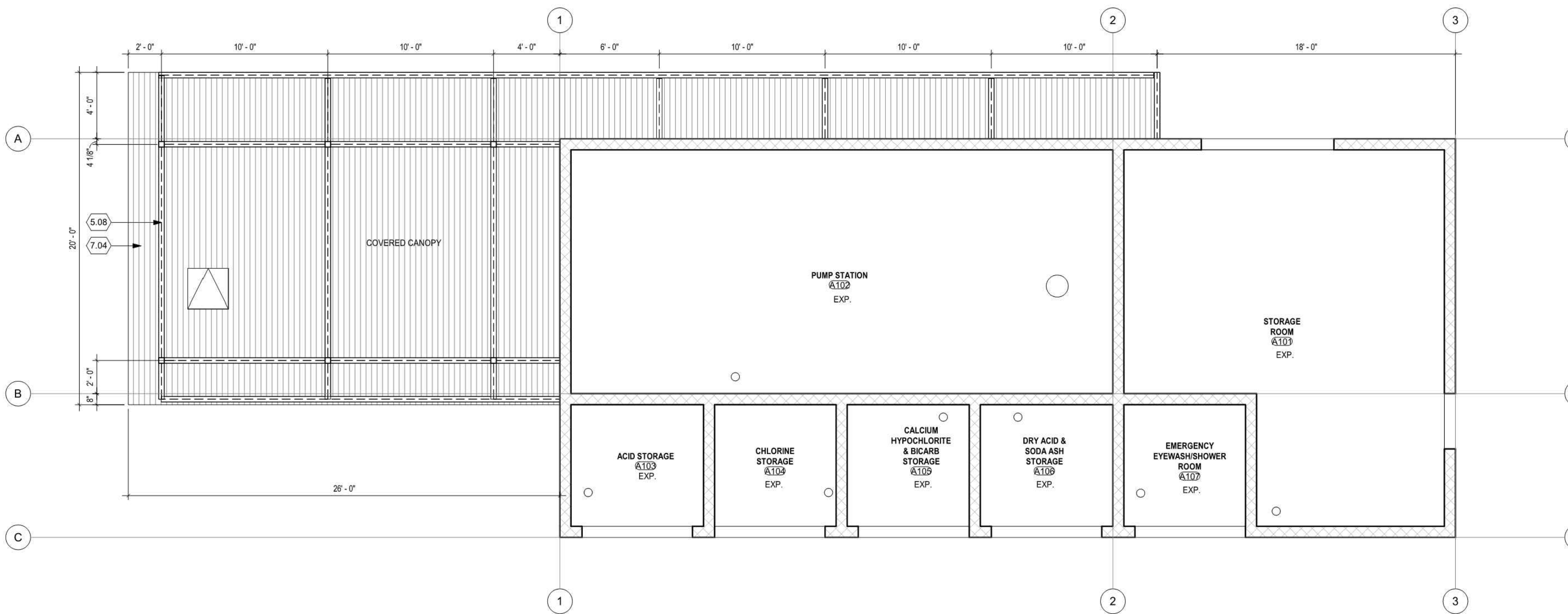
SHEET **A1.1**

15 OF 61 SHEETS

JOB NO. C258



ROOF PLAN 2
1/4" = 1'-0"



REFLECTED CEILING PLAN 1/20 SHEETS
1/4" = 1'-0"

KEYNOTES

NO. Note - Detail

5.08 STEEL BEAM PER STRUCT.

7.01 PVC MEMBRANE ROOFING SYSTEM O/ RIGID INSULATION

7.02 TAPERED RIGID INSULATION CRICKET

7.03 MINIMUM 36"x36" CLR. ROOF HATCH OPENING WITH REMOVABLE FIBER GLASS COVER, CURB MOUNTED

7.04 SHADE STRUCTURE - CORRUGATED METAL OVER STEEL FRAMING PER STRUCT.

7.08 ROOF DRAIN AND OVERFLOW DRAIN

7.14 PARAPET CAP

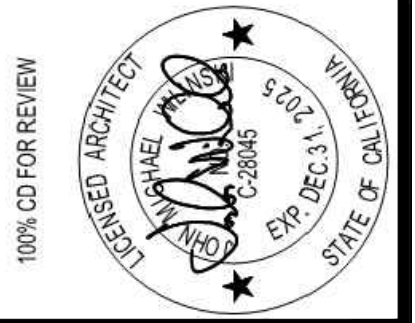
15.03 HEATER VENT PENETRATION PER SHEET M2.0

15.04 EXHAUST FAN PENETRATION PER SHEET M2.0

ROOF NOTE:
USE TREMCO ROOFING (MEMBRANE SYSTEM). CONTACT: DANIEL GILDAY. DGILDAY@TREMCOINC.COM

REVISION:	09/30/2025	EXECUTOR DATE
DATE:	09/30/2025	EXECUTOR DATE
BY:		EXECUTOR
BY:		EXECUTOR

IN ACCORDANCE WITH RESOLUTION NO. 19-05 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



100% CD FOR REVIEW	DATE	SEPT. 2025
PROJECT ARCHITECT	SCALE	1/4" = 1'-0"
EXP. 12.31.25	DRAWN BY	Author
DESIGNED BY	CHECKED BY	Checker

ROOF AND REFLECTED CEILING PLAN

CITY OF SANTA CLARITA BUILDING & SAFETY

APPROVED
Under SCMC Titles 18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen

BLD25-00576 (ARCH)

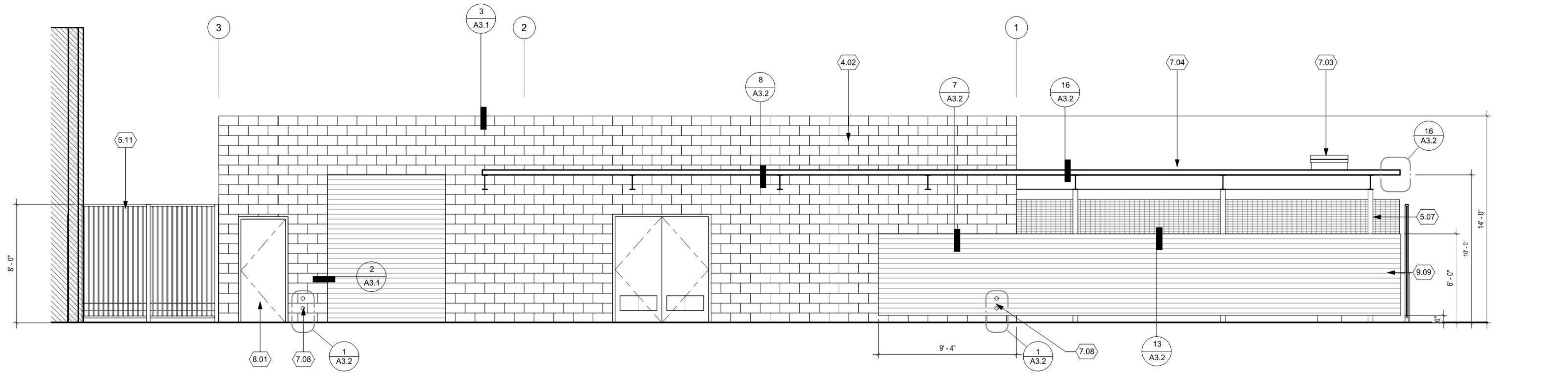
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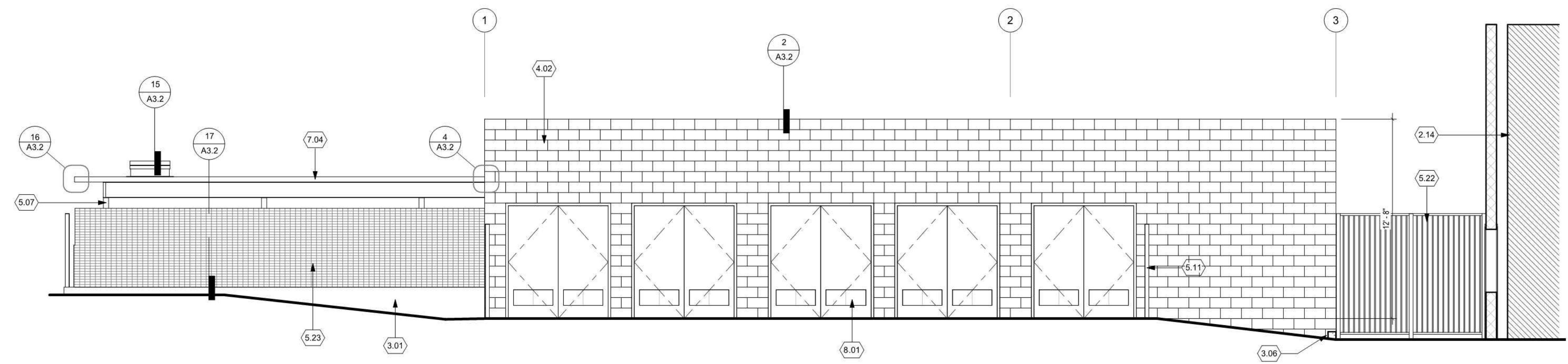
TITLE	NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)	CA
SHEET	A1.2	
JOB NO.	16 OF 61 SHEETS	C258

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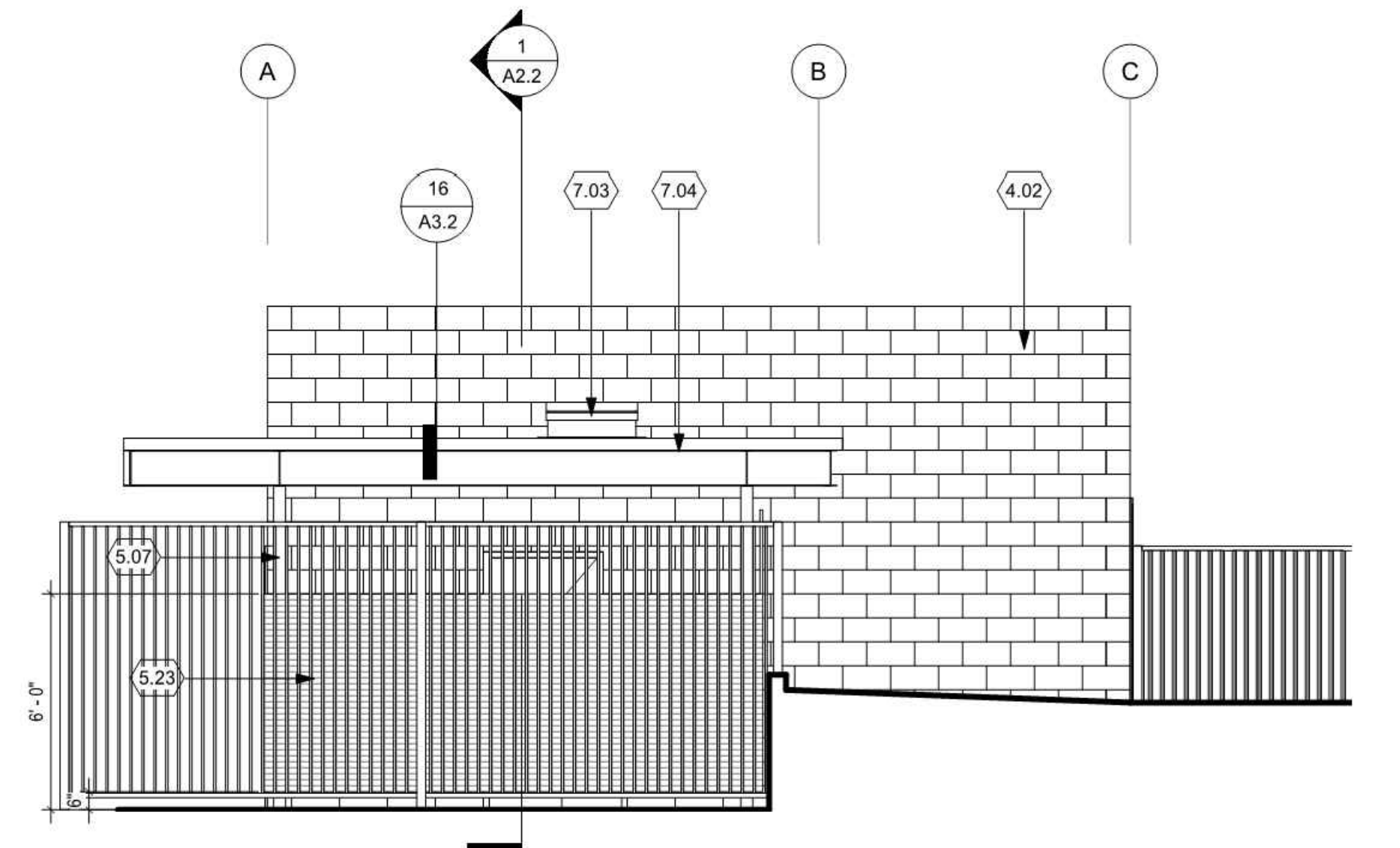
Sep. 29, 2025



NORTH ELEVATION 3
1/4" = 1'-0"



SOUTH ELEVATION 2
1/4" = 1'-0"

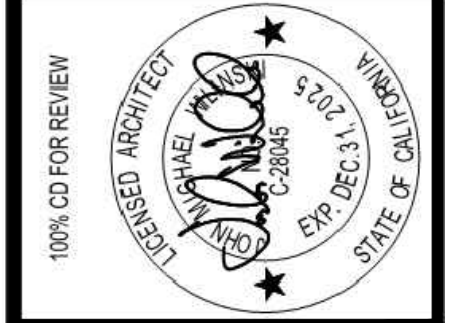


WEST ELEVATION 1
1/4" = 1'-0"

- KEYNOTES**
- NO. Note - Detail
- 2.14 (E) BUILDING
 - 3.01 RETAINING WALL (SEE STRUCT)
 - 3.06 CONCRETE CURB (SEE STRUCT)
 - 4.02 CMU BLOCK WALL - SPLIT-FACED BLOCK
 - 5.07 STEEL COLUMN PER STRUCT.
 - 5.11 8" HIGH WROUGHT IRON FENCE PANEL PER SHEET C1.0
 - 5.22 8" HIGH WROUGHT IRON GATE PER SHEET C1.0
 - 5.23 VINYL MESH SCREEN
 - 7.03 MINIMUM 36"x36" CLR. ROOF HATCH OPENING WITH REMOVABLE FIBER GLASS COVER, CURB MOUNTED
 - 7.04 SHADE STRUCTURE - PER SHEET C3.2, DETAIL 16
 - 7.08 ROOF DRAIN AND OVERFLOW DRAIN
 - 8.01 HOLLOW MTL DOOR & FRAME - PAINTED
 - 9.09 FIBER-CEMENT SIDING

REVISION:	09/30/2025
DATE:	EXECUTOR DATE
BY:	EXECUTOR
DATE:	09/30/2025
BY:	EXECUTOR

IN ACCORDANCE WITH RESOLUTION NO. 19-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY, THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT OR TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	SD-1	DATE:	SEPT. 2025
PROJECT ARCHITECT:	C-29045	CHECKED BY:	SD-1
EXP.:	12.31.25		
DRAWN BY:	SD-1		
SCALE:	1/4" = 1'-0"		

EXTERIOR ELEVATIONS

**CITY OF SANTA CLARITA
BUILDING & SAFETY**

APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen

BLD25-00576 (ARCH)

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100% CD FOR REVIEW

TITLE
**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**

SANTA CLARITA CA

SHEET
A2.1

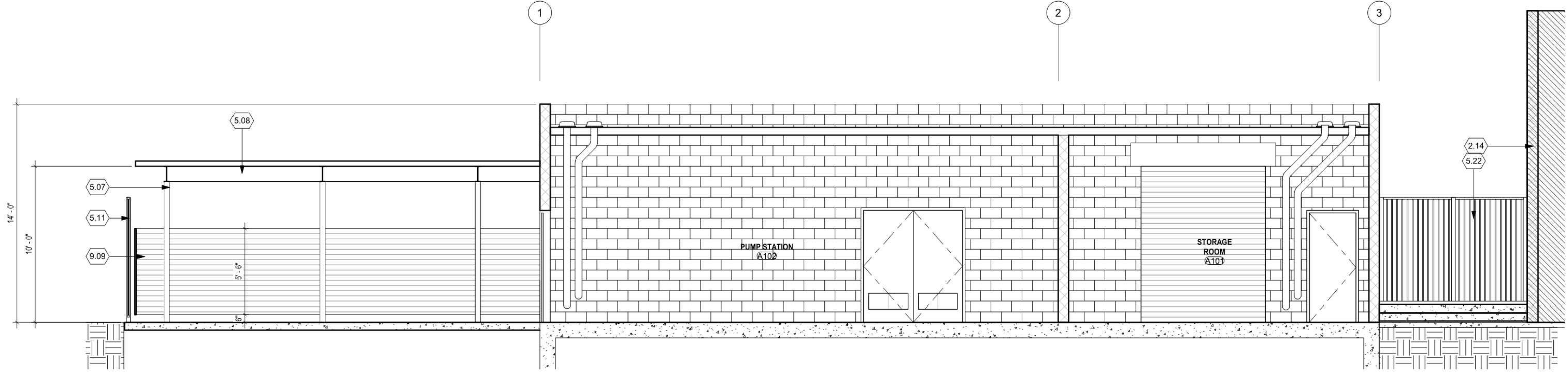
17 OF 61 SHEETS

JOB NO. C258

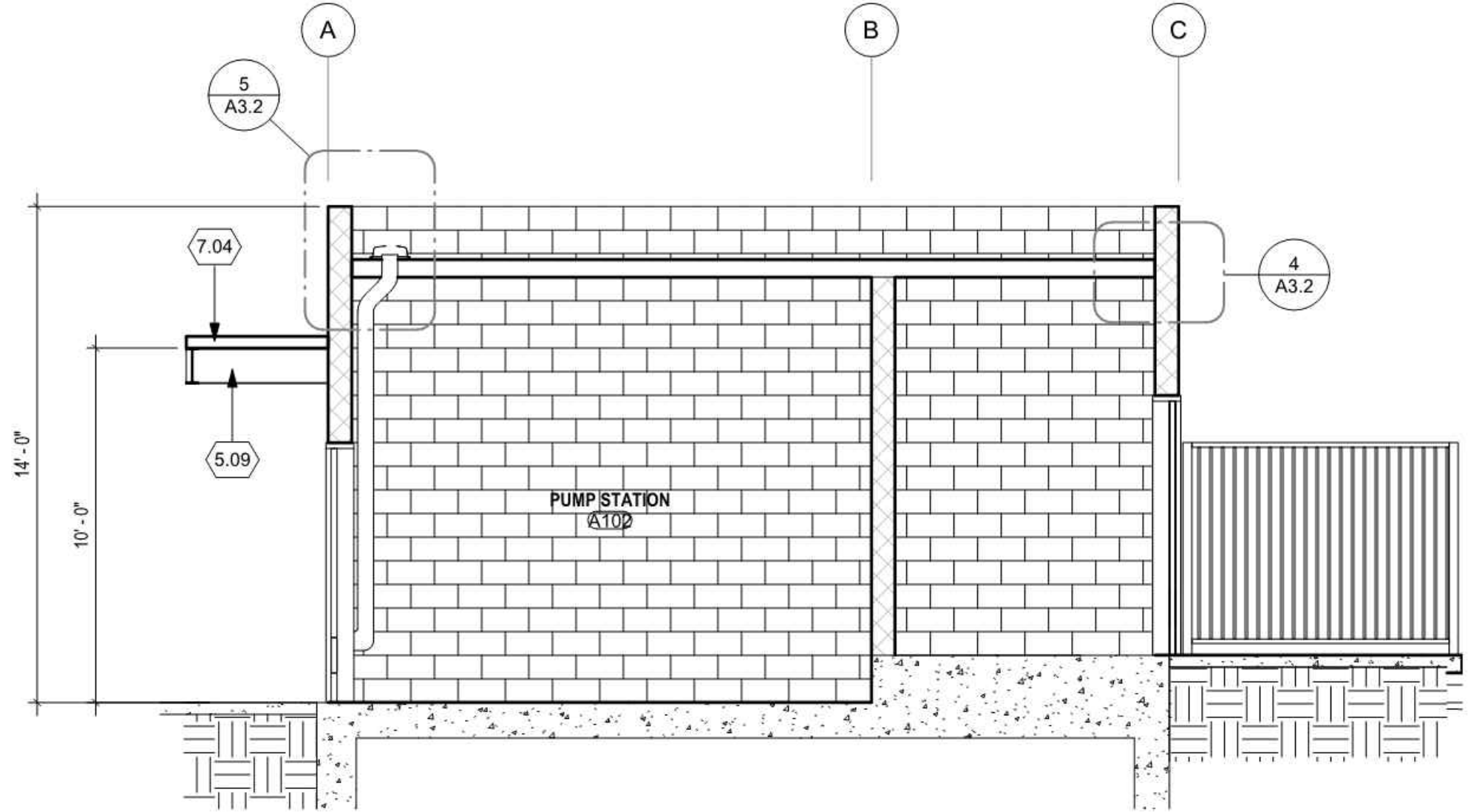
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Version: 1

R:\C258\Engineering\C258-04 (100% CD)\Sheets\C258-04_A2.1 EXTERIOR ELEVATIONS.dwg - Tab: 17 - by: jendraphast on 09/29/25 at 1:21:01 PM



BUILDING SECTION - A 1
1/4" = 1'-0"



BUILDING SECTION - B 2
1/4" = 1'-0"

KEYNOTES

- NO.** **Note - Detail**
- 2.14 (E) BUILDING
 - 5.07 STEEL COLUMN PER STRUCT.
 - 5.08 STEEL BEAM PER STRUCT.
 - 5.09 EXPOSED STRUCT STEEL
 - 5.11 8" HIGH WROUGHT IRON FENCE PANEL PER SHEET C1.0
 - 5.22 8" HIGH WROUGHT IRON GATE PER SHEET C1.0
 - 7.04 SHADE STRUCTURE - PER SHEET C3.2, DETAIL 16
 - 9.09 FIBER-CEMENT SIDING

REVISION:	09/30/2025	EXECUTOR DATE
LAJ: IRL:JAL		
PM: DESIGN		
REVISION:	09/30/2025	EXECUTOR DATE
JL: JAL		
PM: CONSTRUCTION		

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100% CD FOR REVIEW	DATE	SEPT. 2025
PREPARED BY	CHECKED BY	Checker
PROJECT ARCHITECT	DESIGNED BY	Designer
C-28045	F. Svendsen	
EXP: 12.31.25	SCALE	1/4" = 1'-0"
DRAWN BY	AUTHOR	C-28045

BUILDING SECTIONS

**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**

SANTA CLARITA CA

A2.2

18 OF 61 SHEETS

JOB NO. C258

**CITY OF SANTA CLARITA
BUILDING & SAFETY**

APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen

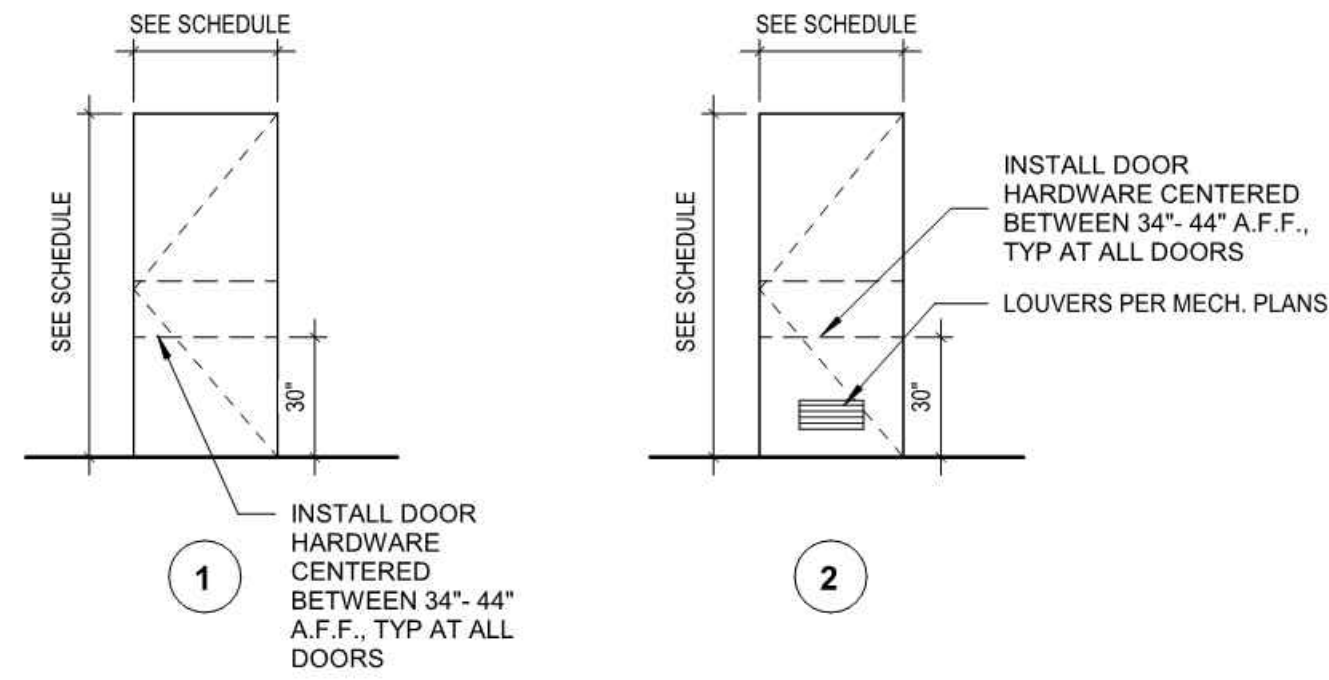
BLD25-00576 (ARCH)

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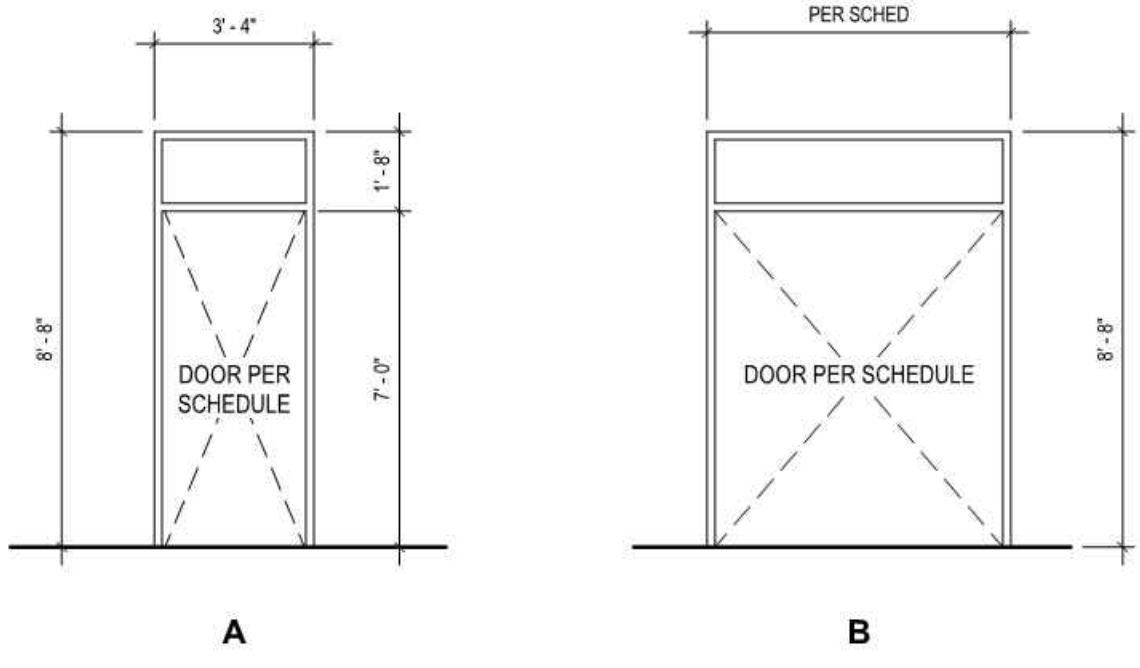
DOOR SCHEDULE												
#	DOOR			FRAME							REMARKS	
	WIDTH	HEIGHT	TYPE	MAT	FIN	TYPE	MAT	FIN	DETAILS (A3-1)			
									HEAD	JAMB	SILL	
101	3'-0"	7'-0"	1	FIB	PT	A	HM	PT	5	5	1	FIBERGLASS
101R	8'-0"	10'-0"	-	ALUM	PT	-	AL	PT	-	2	-	OVERHEAD ROLL-UP
102A	6'-4"	7'-2"	2	FIB	PT	B	HM	PT	5	5	1	FIBERGLASS
102B	3'-0"	7'-0"	1	FIB	PT	A	HM	PT	5	5	1	FIBERGLASS
103	6'-4"	7'-2"	2	FIB	PT	B	HM	PT	5	5	1	FIBERGLASS
104	6'-4"	7'-2"	2	FIB	PT	B	HM	PT	5	5	1	FIBERGLASS
105	6'-4"	7'-2"	2	FIB	PT	B	HM	PT	5	5	1	FIBERGLASS
106	6'-4"	7'-2"	2	FIB	PT	B	HM	PT	5	5	1	FIBERGLASS
107	6'-4"	7'-2"	2	FIB	PT	B	HM	PT	5	5	1	FIBERGLASS
108	3'-0"	7'-0"	1	FIB	PT	A	HM	PT	5	5	1	FIBERGLASS

- DOOR & WINDOW NOTES**
- ALL EXITS TO BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF KEY AND/OR SPECIAL KNOWLEDGE (U.N.O.). MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS ARE PROHIBITED.
 - PAINT STEEL DOORS AND FRAMES WITH ONE (1) COAT RUST INHIBITING PRIMER AND ONE (1) COAT SEMI-GLOSS ALKYD ENAMEL.
 - THE LEVER OF LEVER ACTUATED LATCHES OR LOCKS SHALL BE CURVED WITH A RETURN TO WITHIN 1/2" INCH OF THE DOOR WITH FINISH PER OWNER'S DIRECTION. VERIFY KEYING WITH OWNER.
 - PROVIDE DOOR STOPS AS REQUIRED AT FLOOR AND/OR WALL.
 - ALL DOORS TO BE MASTER KEYED. VERIFY KEYING WITH OWNER.
 - ALL THRESHOLDS TO BE MAXIMUM HEIGHT OF 1/2" AND 1/4" HIGH MINIMUM SHALL BE BEVELLED WITH A SLOPE NOT STEEPER THAN 1:2.
 - DOOR LOCK AND LATCHES SHALL COMPLY WITH CBC SECTION 1004.3 AND ADA.
 - THE AUTHORITY HAVING JURISDICTION MAY INCREASE THE MAXIMUM EFFORT TO OPERATE FIRE DOORS IN ORDER TO ACHIEVE POSITIVE LATCHING, BUT NOT EXCEEDING THE 15 LB MAX.
 - MAXIMUM EFFORT TO OPERATE EXTERIOR DOORS IS 5 LBS.
 - HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30" AND 44" A.F.F.

- DOOR NOTES:**
- AT ALL EXTERIOR DOORS, PROVIDE WEATHERSTRIPPING, 2" x 4" ALUMINUM THRESHOLDS, AND ALUMINUM WITH VINYL SWEEP, TYPICAL.
 - VERIFY ALL AS-BUILT OPENING DIMENSIONS AT THE PROJECT SITE PRIOR TO FABRICATION.
 - DOOR SWING SHALL BE EXECUTED AS SHOWN ON THE PLAN.
 - THRESHOLD DETAIL AFFECTS EXTERIOR DOOR HEIGHT, PROVIDER TO VERIFY EACH CONDITION BEFORE DOOR FABRICATION. NO THRESHOLD (AND COMPLEMENTING BOTTOM OF DOOR ACCESSORIES) WILL BE CHANGED DUT TO LACK OF COORDINATION WITH DRAWINGS. APPLY BITUMINOUS COATING TO ALL STEEL SURFACE TO BE IN CONTACT (OR CLOSE PROXIMITY) WITH ALUMINUM.
 - VERIFY KEYING REQUIREMENTS WITH OWNER PRIOR TO INSTALLATION.
 - DOOR STOPS AND SILENCERS SHALL BE PROVIDED AT ALL DOORS—TYP.

- HARDWARE SETS**
- HINGES:** 1 1/2" PAIR 4 1/2"x4 1/2" BALL BEARING W/ N.R.P.
EXIT DEVICE: VON DUPRIN—98 SERIES FIRERATED PANIC HDW.
CLOSER: LCN NO.1071
 - HINGES:** 3 PAIR 4 1/2"x4 1/2" BALL BEARING W/ N.R.P.
EXIT DEVICE: VON DUPRIN—98 SERIES FIRERATED PANIC HDW. BOTH LEAFS CYLINDER LOCK KEYED ONE SIDE
CLOSER: LCN NO.1071 BOTH LEAFS
 - HINGES:** 1 1/2" PAIR 4 1/2"x4 1/2" BALL BEARING
LOCK: SCHLAGE NO D40S-626-RHODES
CLOSER: LCN NO.1071

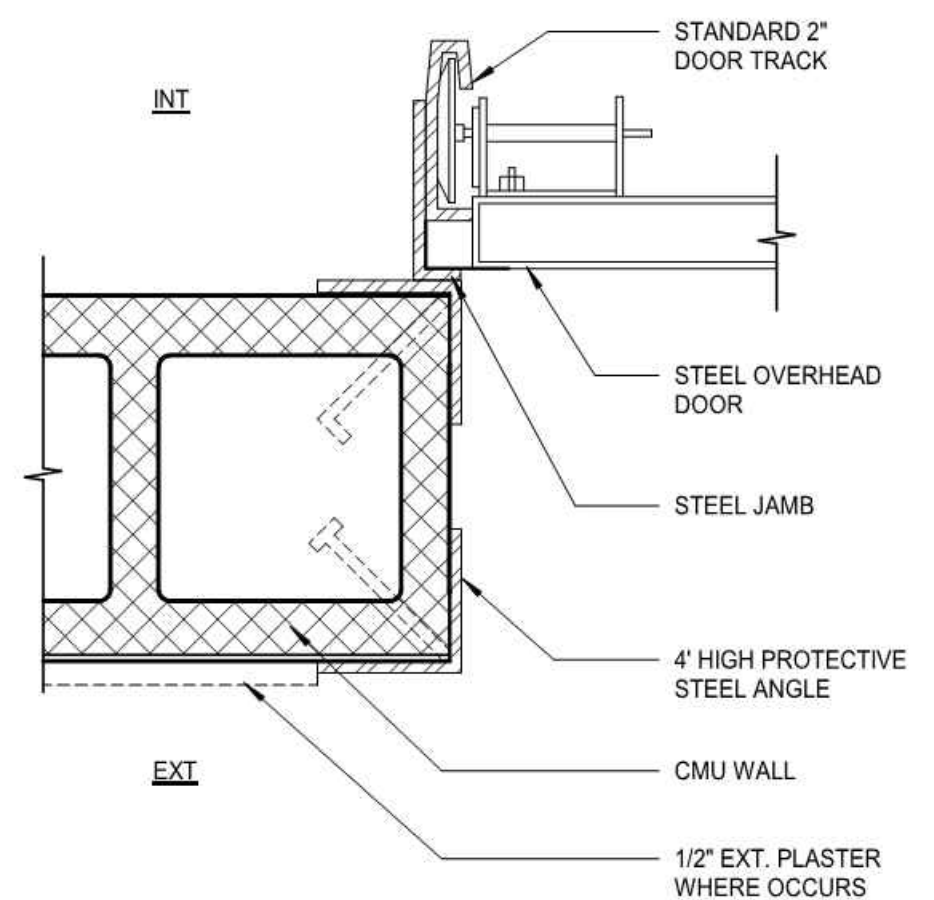
DOOR TYPES 12
1/4" = 1'-0"



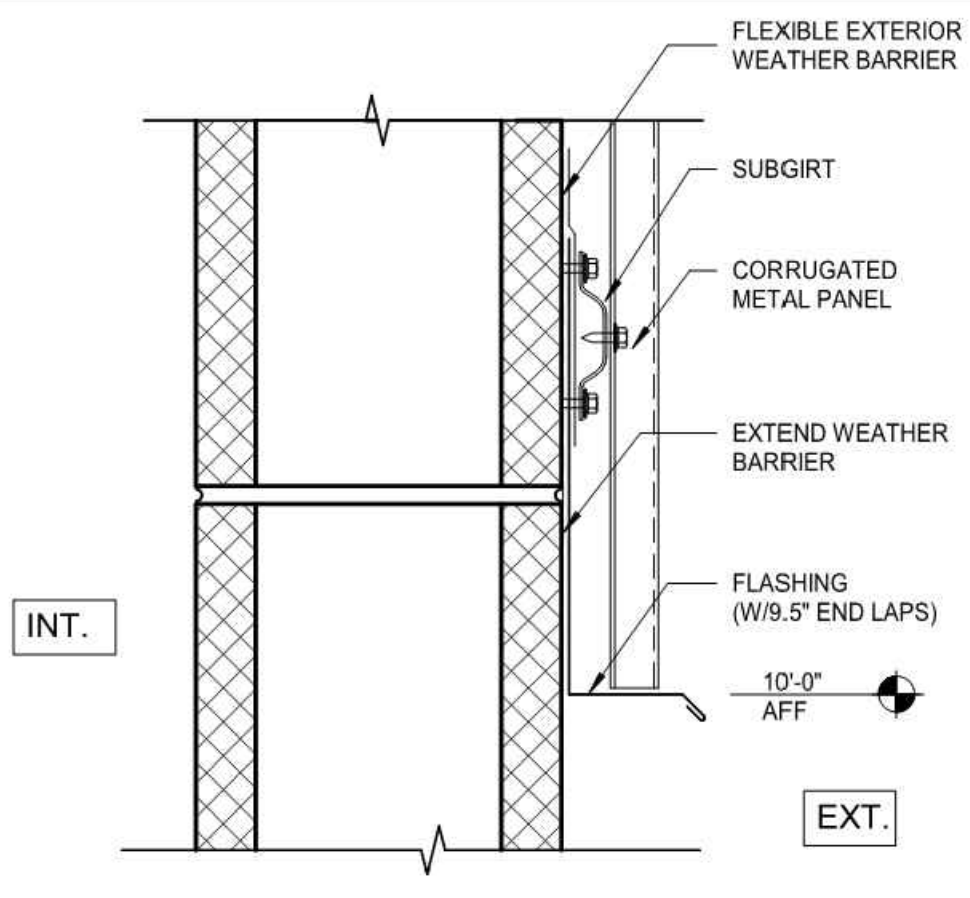
DOOR FRAME TYPES 11
1/4" = 1'-0"

DOOR SCHEDULE 3

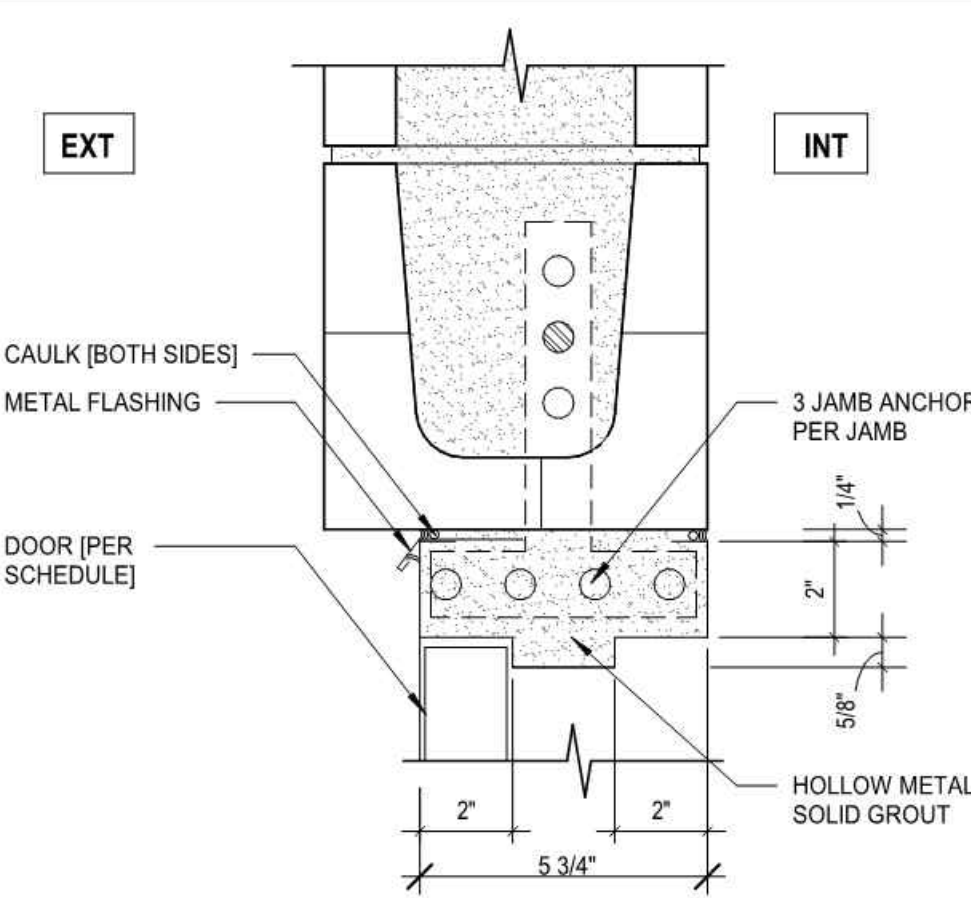
- FINISH LIST**
- ABBREVIATIONS:
- MATERIAL**
HM - HOLLOW METAL
FIB - FIBERGLASS
- FINISH**
PT - PAINT
- GLAZING**
EXT. - DUAL PANE, INSULATING - FIXED SOLAR COOL BRONZE GLASS
- INT. - SINGLE PANE, CLEAR, TEMPERED



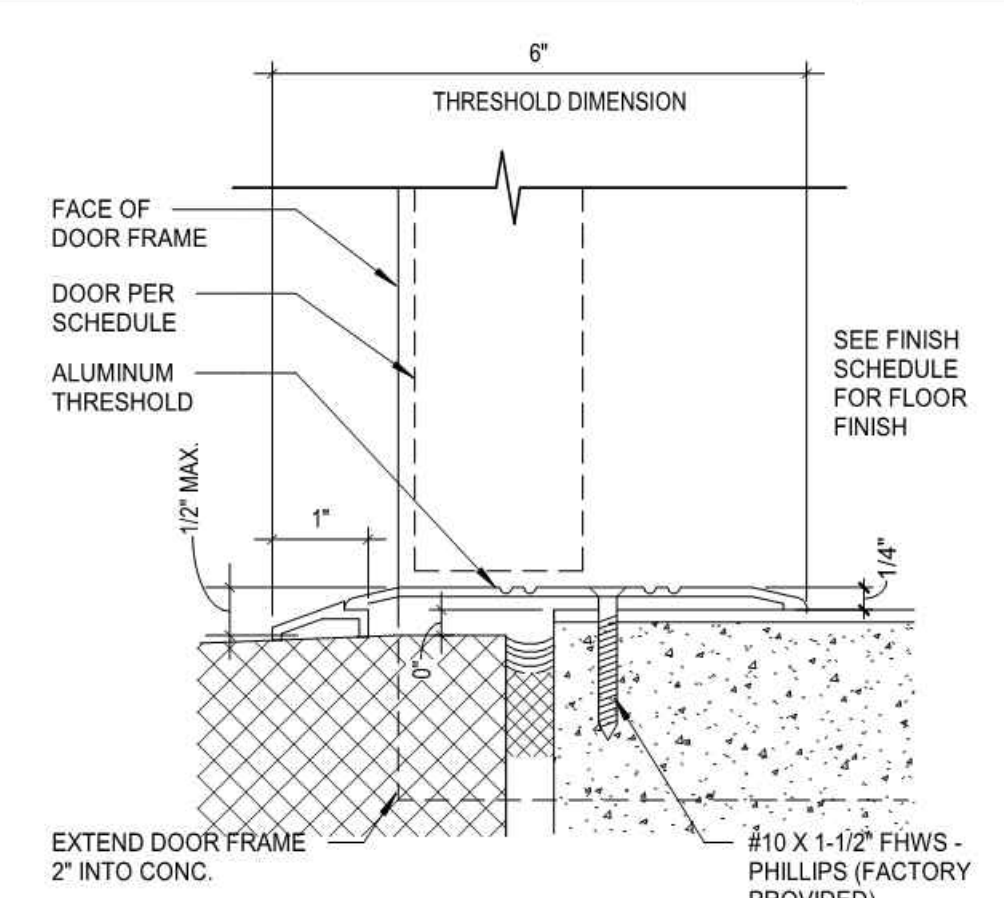
OVERHEAD DOOR JAMB 2
3" = 1'-0"



CORRUGATED METAL PANEL AT CMU 3
3" = 1'-0"



H.M. DOOR HEAD AT CMU (JAMB SIM.) 5
3" = 1'-0"



ALUMINUM THRESHOLD AT EXT. DOORS 1/250 new
6" = 1'-0"

CITY OF SANTA CLARITA BUILDING & SAFETY

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Sep 16, 2025
F. Svendsen

BLD25-00576 (ARCH)

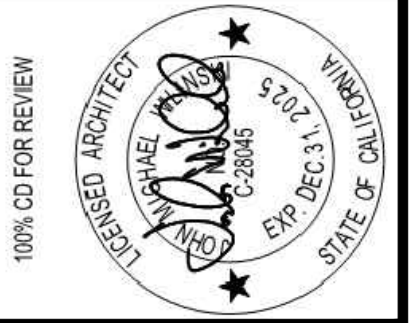
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REVISION:	09/30/2025	EXECUTOR DATE
DATE ISSUED:	09/30/2025	EXECUTOR DATE
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PREPARED BY	SD-1	DATE	SEPT. 2025
PROJECT ARCHITECT	C-28045	CHECKED BY	SD-1
EXP:	12.31.25		
DRAWN BY	SD-1		
DESIGNED BY	SD-1		

WINDOW DOOR DETAILS AND SCHEDULES

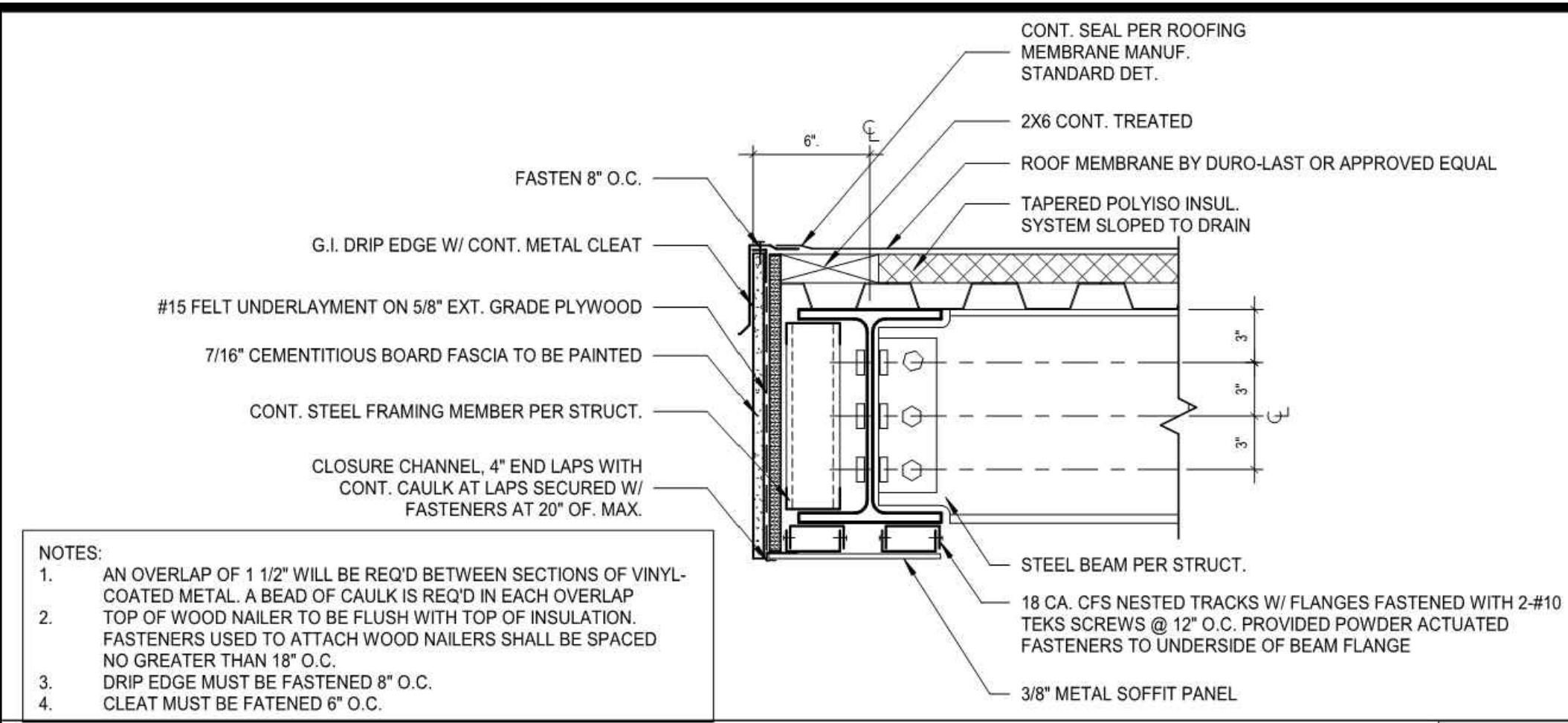
NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)

SANTA CLARITA CA

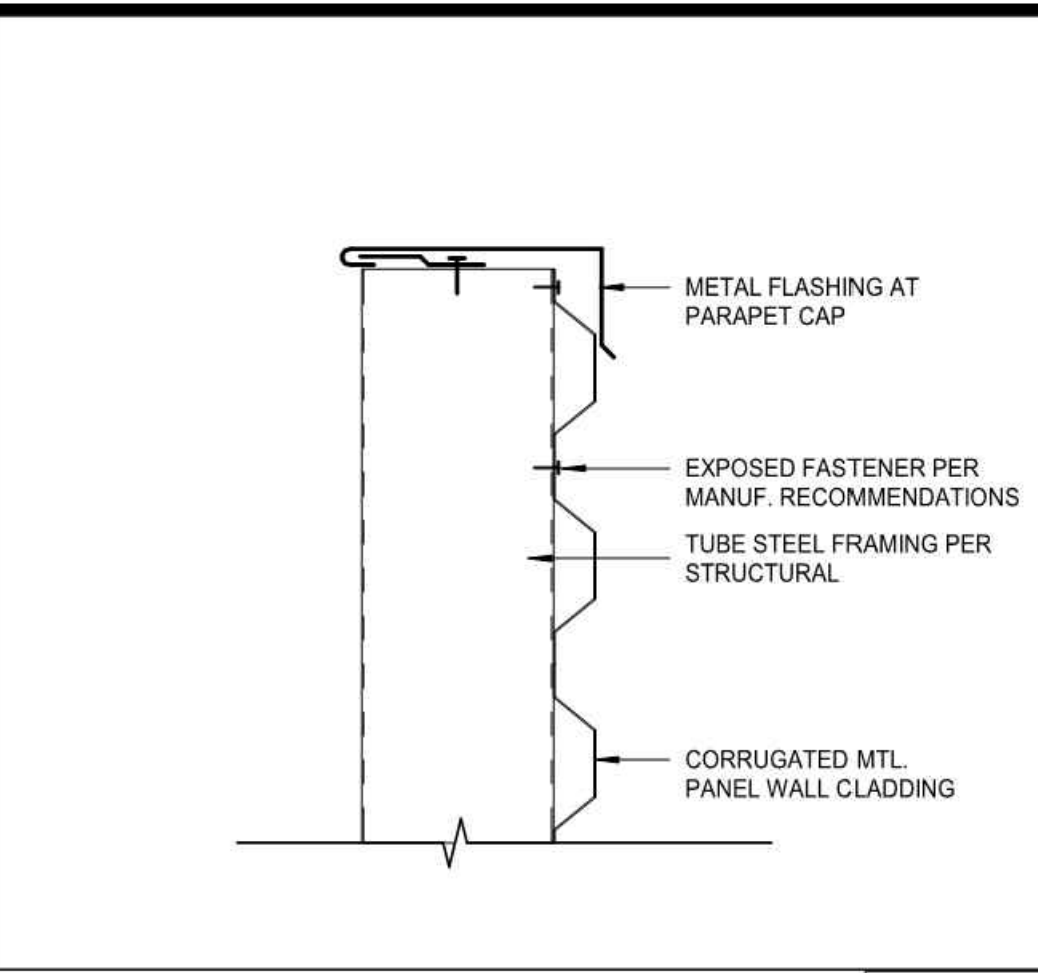
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19 OF 61 SHEETS

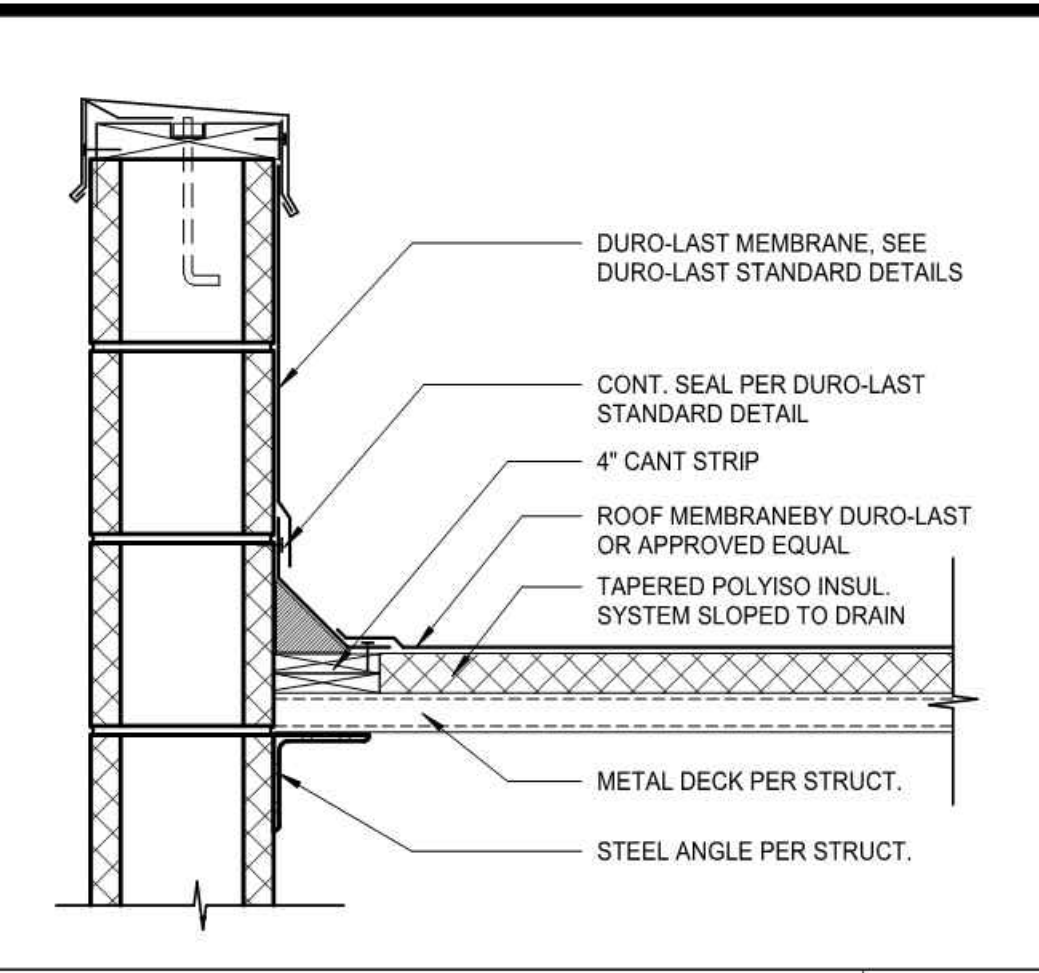
JOB NO. C258



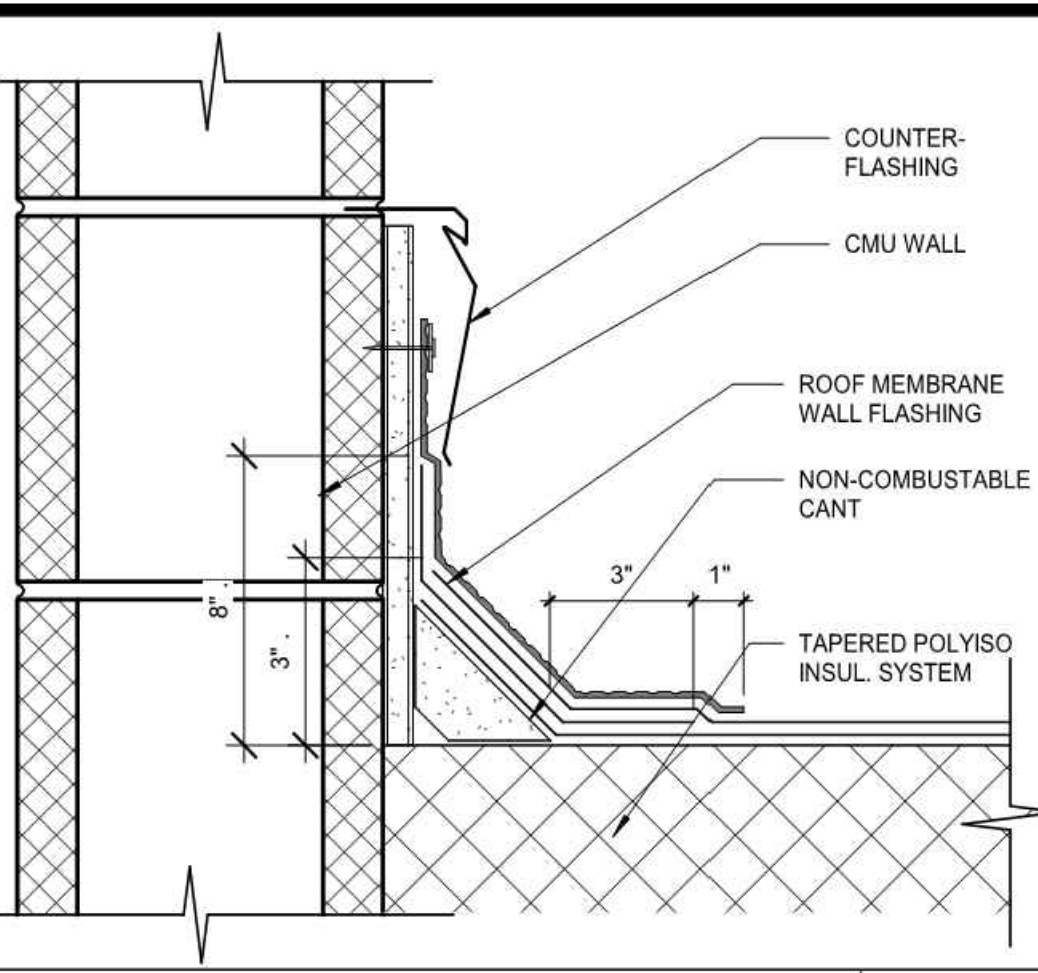
CANOPY FASCIA 16
1 1/2" = 1'-0"



METAL SCREEN AT PARAPET 12
3" = 1'-0"



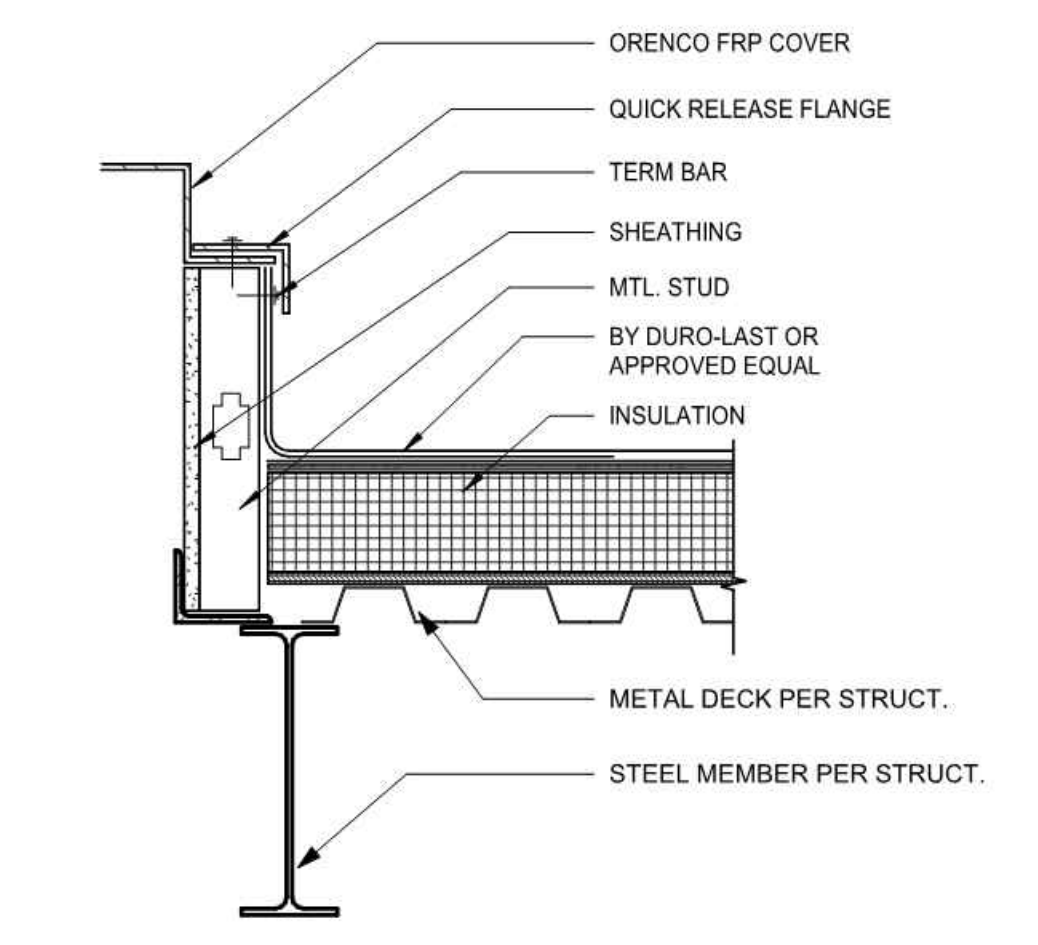
CANOPY @ CMU 8
1 1/2" = 1'-0"



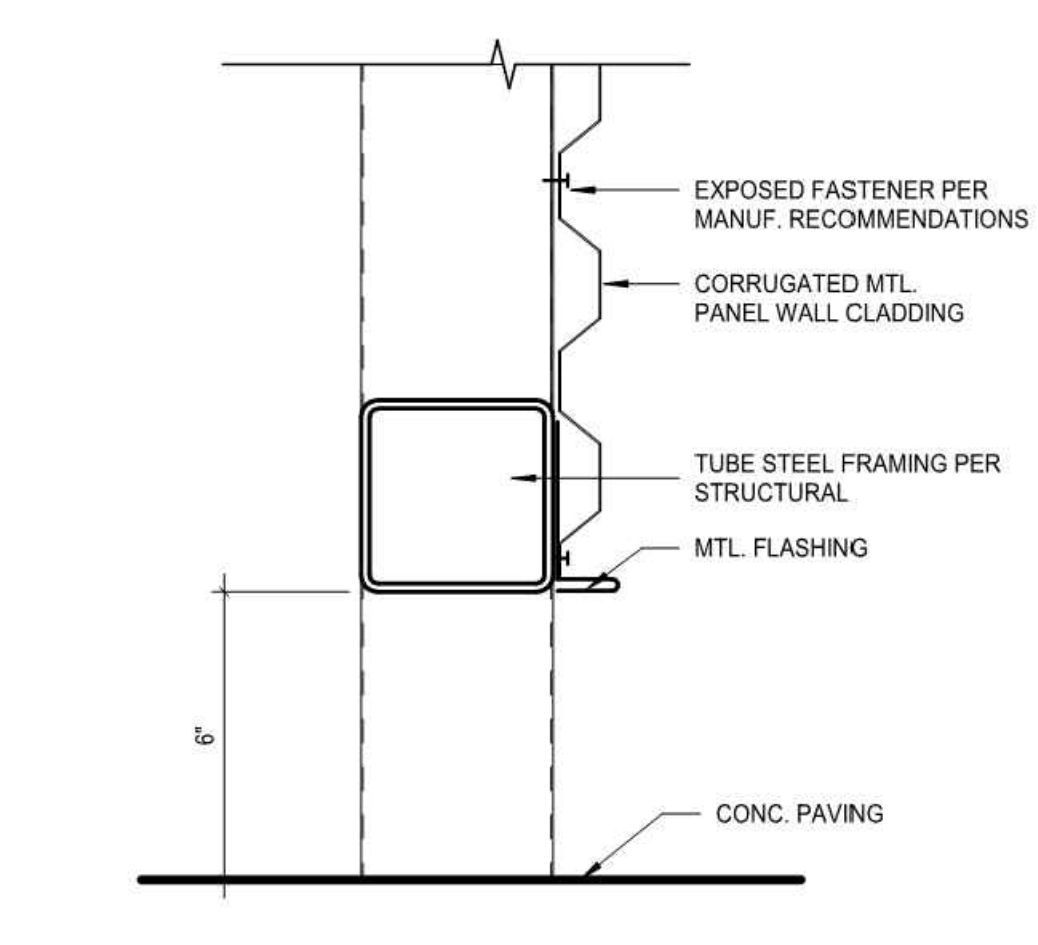
ROOF CRICKET AT CMU 4
3" = 1'-0"



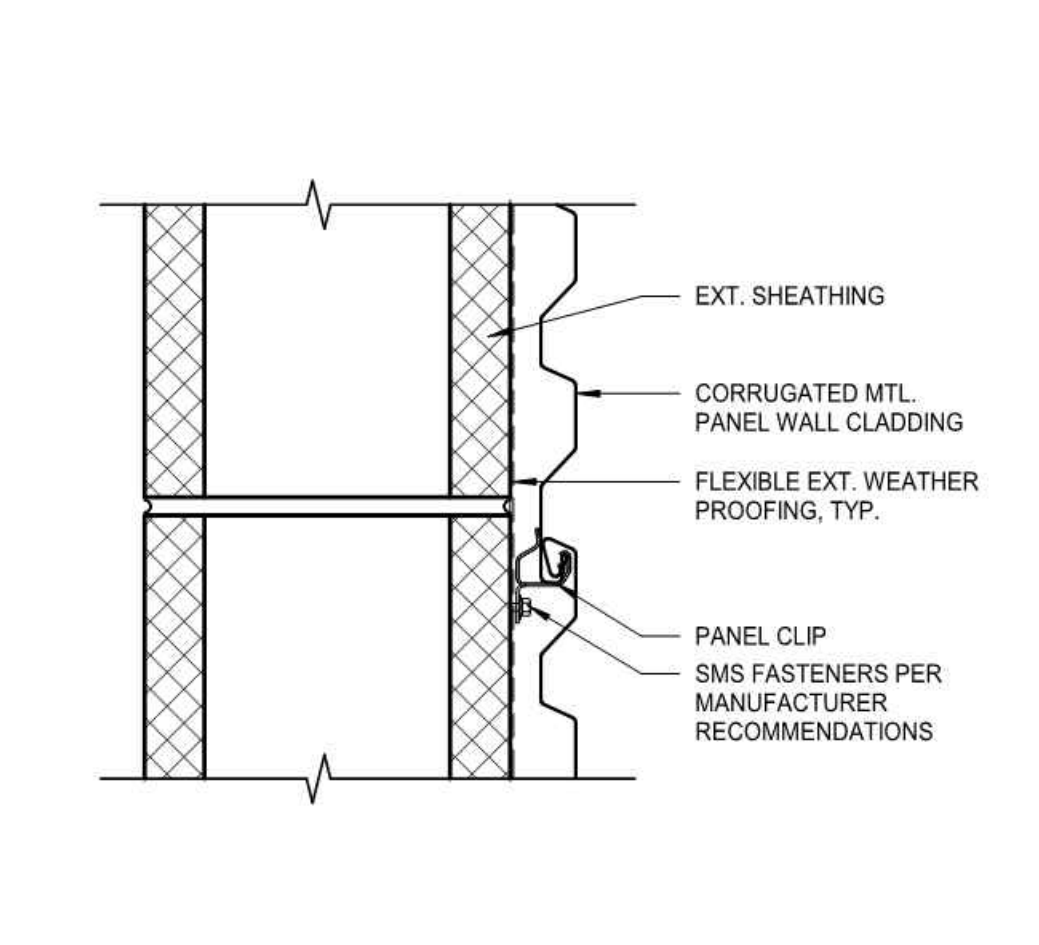
REMOVEABLE FRP PANEL CURB 15
1 1/2" = 1'-0"



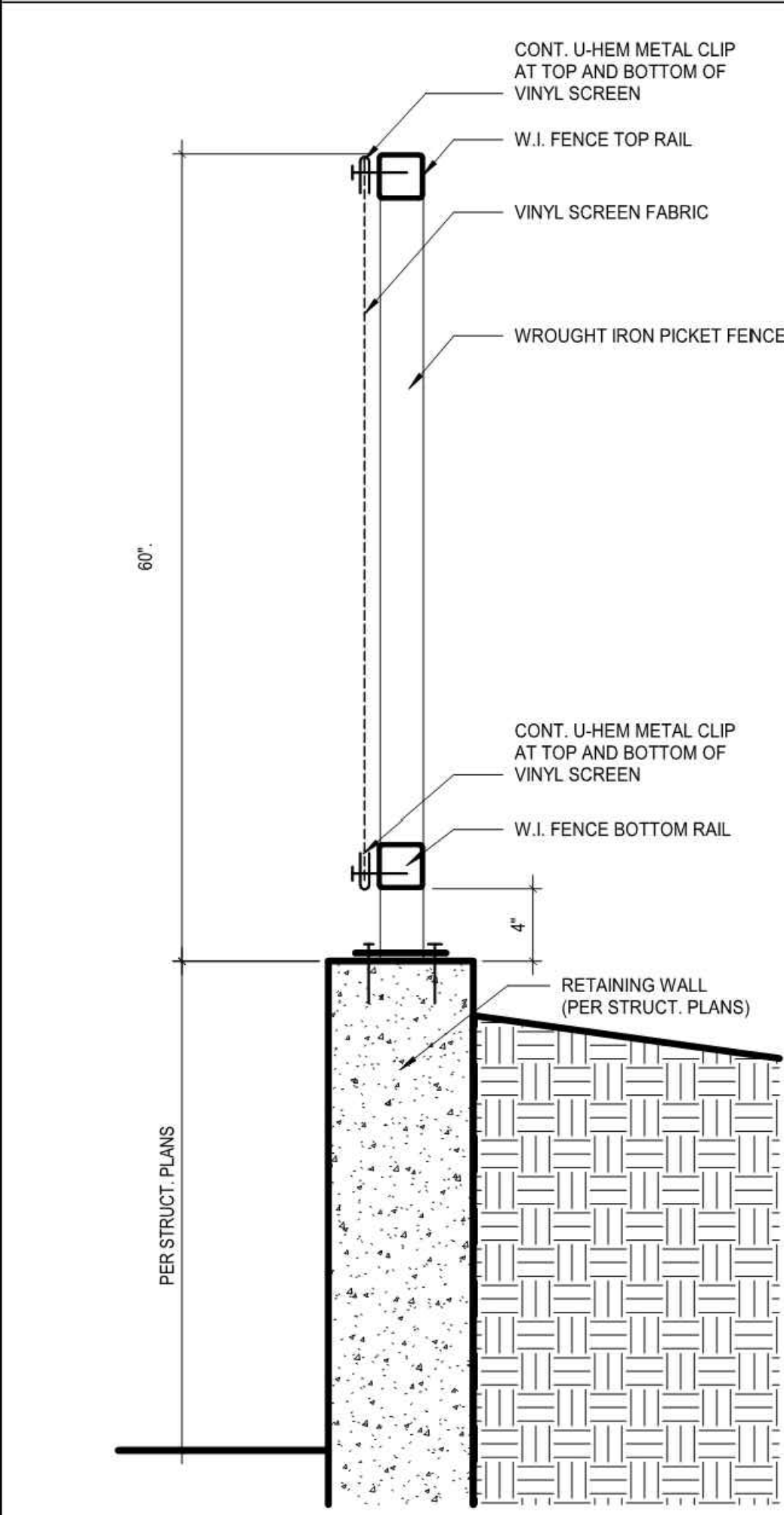
METAL SCREEN AT BASE 11
3" = 1'-0"



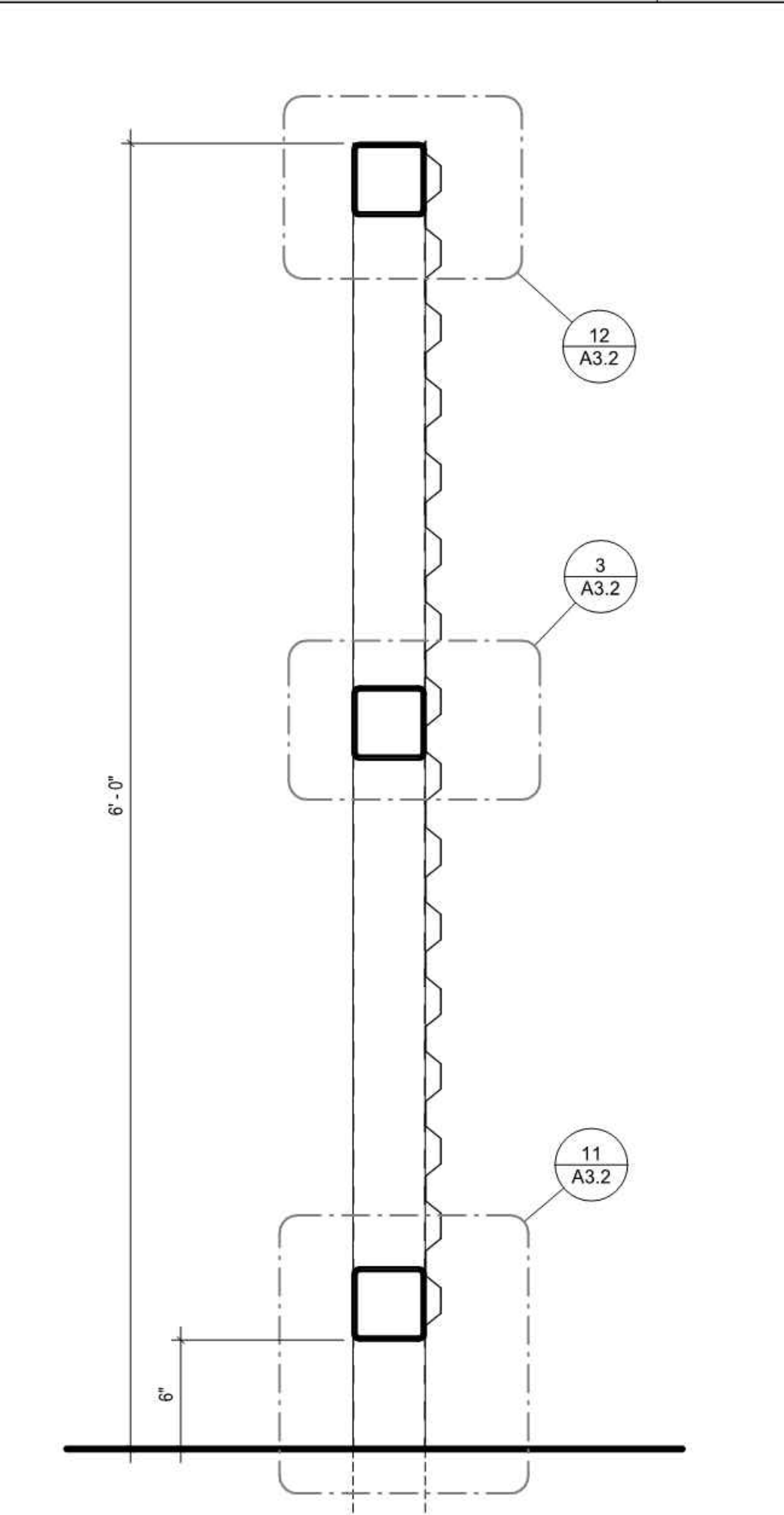
METAL SCREEN PANEL AT CMU WALL 7
3" = 1'-0"



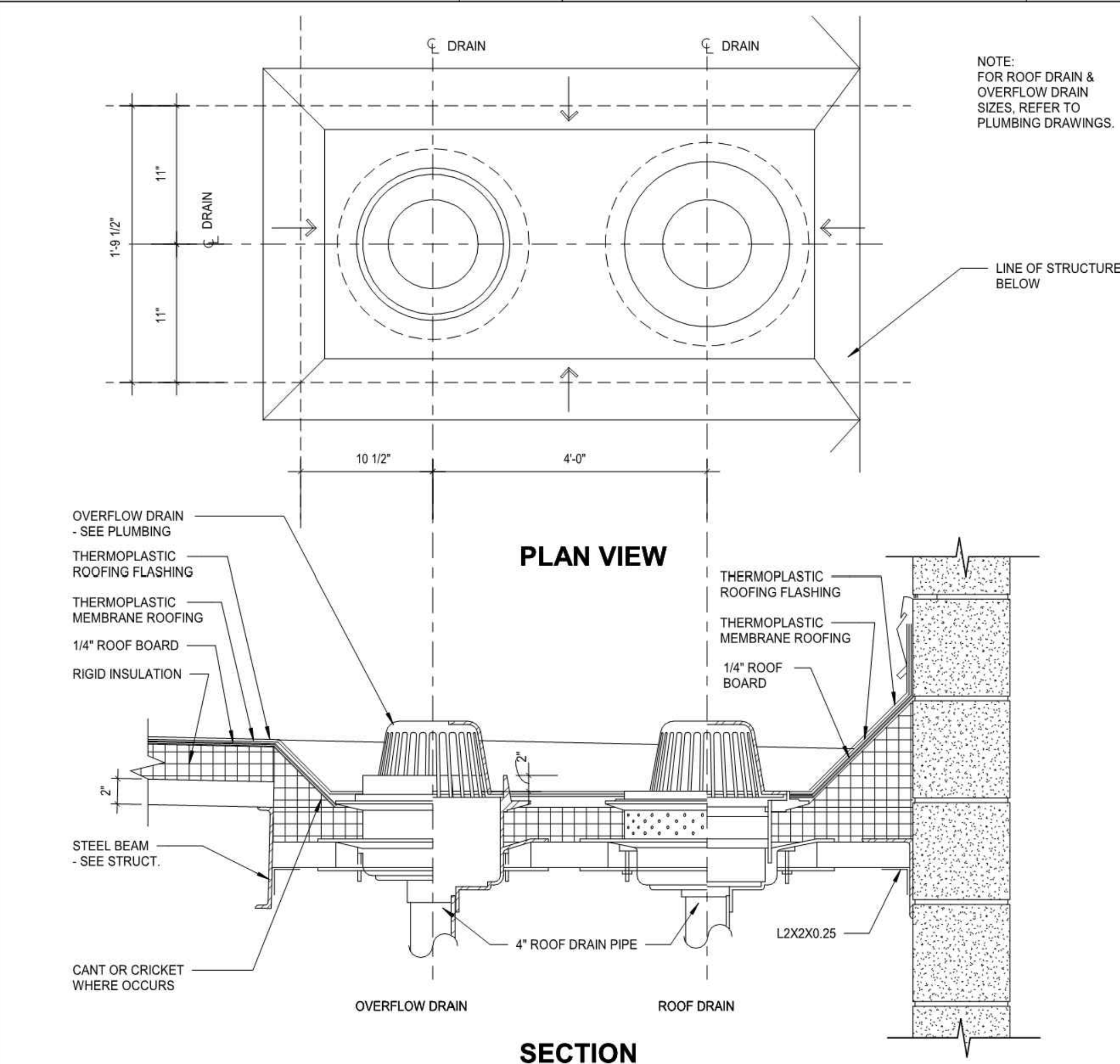
METAL SCREEN PANEL 3
3" = 1'-0"



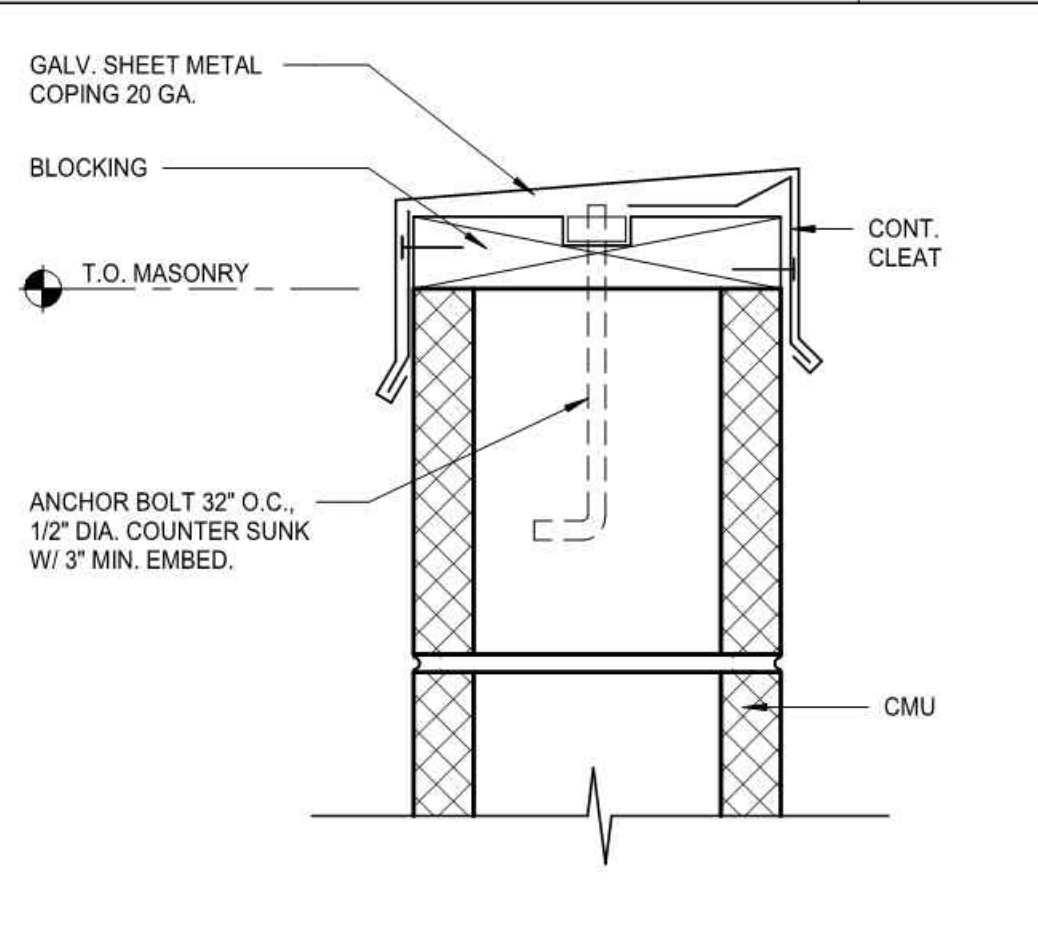
WROUGHT IRON FENCE WITH VINYL SCREEN 17
1 1/2" = 1'-0"



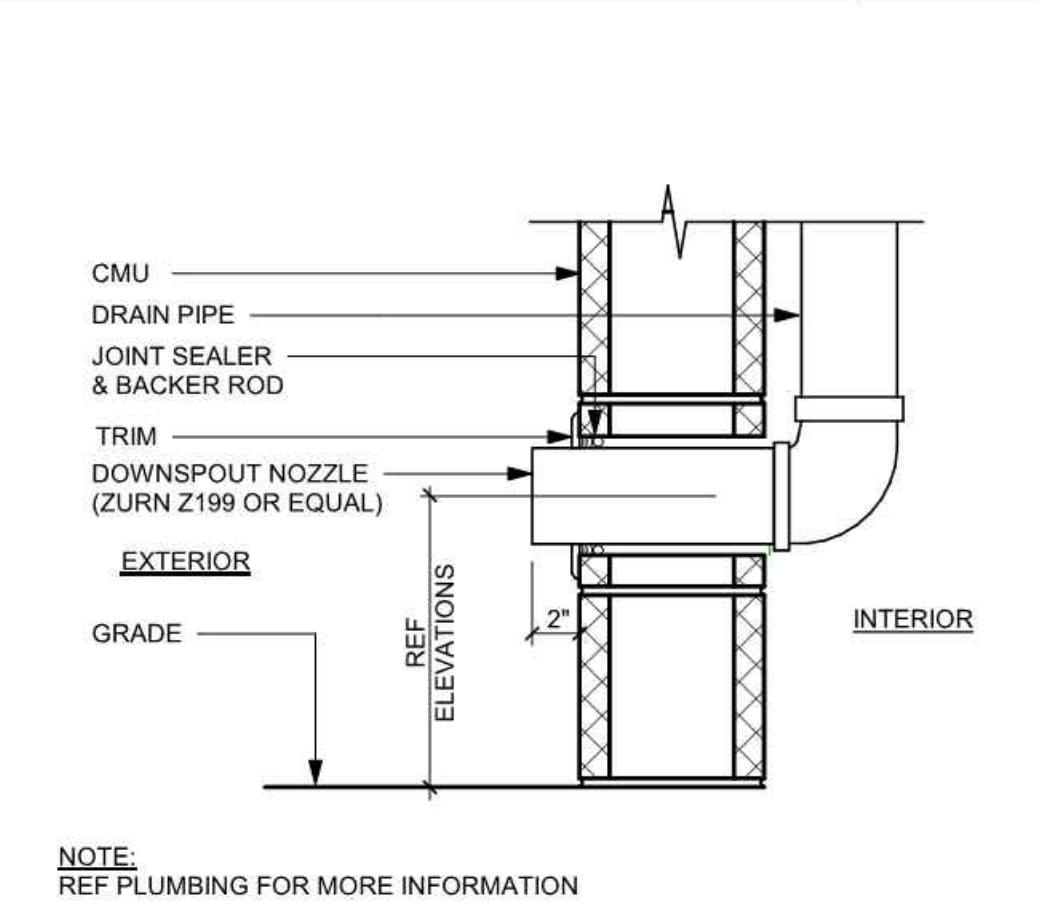
METAL SCREEN - SECTION 13
1 1/2" = 1'-0"



ROOF DRAIN & OVERFLOW DRAIN 5
1 1/2" = 1'-0"



PARAPET CAP DETAIL @ CMU 2
3" = 1'-0"



DOWNSPOUT NOZZLE @ CMU WALL 1
1 1/2" = 1'-0"

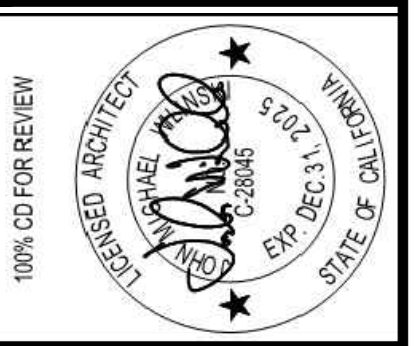
IN ACCORDANCE WITH RESOLUTION NO. 19-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO PUBLIC FACILITIES, THE CITY ENGINEER HAS REVIEWED THESE PLANS AND FOUND THEM TO BE IN ACCORDANCE WITH THE CITY ENGINEERING CODE SECTION 830.6 FOR THE CITY OF SANTA CLARITA. I DO HEREBY TO EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AN IMPROVEMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.

REVISION: 09/30/2025
L.A. BISHOP
PM-DESIGN
EXECUTOR/DATE

REVISION: 09/30/2025
L.A. BISHOP
PM-CONSTRUCTION
EXECUTOR/DATE

100% CD FOR REVIEW

PREPARED BY: SD-1
PROJECT ARCHITECT: C-28045
EXP: 12.31.25
DRAWN BY: SD-1
SCALE: As Indicated
DESIGNED BY: SD-1
CHECKED BY: SD-1
DATE: SEPT. 2025



100% CD FOR REVIEW

ROOF DETAILS

TITLE: NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)

SHEET: 20 OF 61 SHEETS

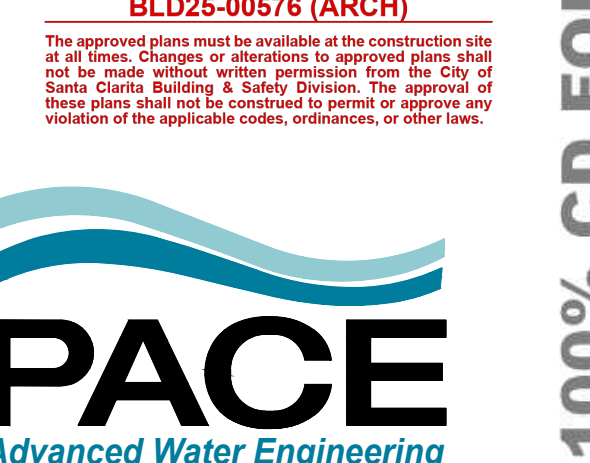
SANTA CLARITA CA

A3.2

JOB NO. C258

CITY OF SANTA CLARITA
BUILDING & SAFETY

APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen



BLD25-00576 (ARCH)

The approved plans must be available at the construction site at all times. Changes or alterations to approved plans shall not be made without written permission from the City of Santa Clarita Building & Safety Division. The approval of these plans shall not be construed to permit or approve any violation of the applicable codes, ordinances, or other laws.

PACE
Advanced Water Engineering

17520 Newhope Street, Suite 200 | Fountain Valley, CA 92708
P: (714) 481-7300 | www.pacewater.com

100% CD FOR REVIEW

GENERAL

- 1. MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2022 EDITION OF THE CALIFORNIA BUILDING CODE, TITLE 24, THE ORDINANCES OF THE LOCAL BUILDING OFFICIAL, AND THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
2. REFERENCE TO CODES, RULES, REGULATIONS, STANDARDS, MANUFACTURER'S INSTRUCTIONS OR REQUIREMENTS OF REGULATORY AGENCIES IS TO THE LATEST EDITION OF EACH IN EFFECT AT THE DATE OF SUBMISSION OF BID UNLESS THE DOCUMENT DATE IS SHOWN.
3. DRAWINGS INDICATE GENERAL AND 'TYPICAL' DETAILS OF CONSTRUCTION, WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, USE SIMILAR DETAILS OF CONSTRUCTION, SUBJECT TO REVIEW BY THE STRUCTURAL ENGINEER OF RECORD (SEOR).

DESIGN CRITERIA

- 1. THE OBJECTIVE OF THIS WORK IS TO DESIGN A ONE-STORY CMU BUILDING WITH ADJACENT STEEL CANOPY. SCOPE ALSO INCLUDES THE REPAIR OF THE EXISTING CONCRETE LID OF THE SURGE TANK.
2. DESIGN LOAD CRITERIA:

Table with columns: GRAVITY LOADS, ULTIMATE WIND LOADS, ULTIMATE SEISMIC LOADS (STRUCTURE), ULTIMATE SEISMIC LOADS (COMPONENTS), and FOUNDATIONS (BASED ON GEOTECHNICAL REPORT).

- A. ALLOWABLE COEFFICIENT OF FRICTION: 0.45
B. ALLOWABLE PASSIVE PRESSURE: 300 PCF
C. FRICTION AND PASSIVE PRESSURE MAY BE COMBINED IN CALCULATION OF TOTAL RESISTANCE TO SLIDING.
D. A ONE-THIRD INCREASE IS APPLICABLE FOR WIND/SEISMIC LOADING.
E. OVEREXCAVATION AND RECOMPACTATION ARE REQUIRED; SEE FOUNDATION PLAN AND GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.

5. ULTIMATE WIND PRESSURES FOR COMPONENTS & CLADDINGS (ASCE7, CH. 30, PART 1):

Table showing wind pressures for tributary areas in Zone 4 (Typical) and Zone 5 (Corner) for various roof heights (10 SF to 500 SF).

B. BUILDING ROOF ELEMENTS (ASCE 7, FIGURE 30.4-2A):

Table showing wind pressures for building roof elements in various zones (Typical, Zone 1, Zone 2, Zone 3) for different roof heights.

C. CANOPY ROOF ELEMENTS (ASCE 7, FIGURE 30.11-1B):

Table showing wind pressures for canopy roof elements in Typical and Zone 4 (Typical) for various roof heights.

EXISTING CONSTRUCTION/ RETROFIT

- 1. THE CONTRACTOR SHALL REMOVE ALL INTERFERING ITEMS FOR NEW CONSTRUCTION AND SHALL REPAIR OR REPLACE ALL REMOVED ITEMS TO MATCH THE EXISTING CONDITIONS IN ACCORDANCE WITH THE ARCHITECTURAL DRAWINGS.
2. INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENTS THE PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE AOR AND SEOR. DO NOT DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE AOR AND/OR SEOR.

SOILS AND FOUNDATIONS

- 1. THE DESIGN OF THE FOUNDATION SYSTEM IS BASED UPON THE CRITERIA AND RECOMMENDATIONS CONTAINED IN THE FOLLOWING GEOTECHNICAL INVESTIGATION REPORT:
A. 'GEOTECHNICAL INVESTIGATION REPORT: NEWHALL PARK PUMP ROOM REPLACEMENT PROJECT, 24923 NEWHALL AVENUE, SANTA CLARITA, CALIFORNIA' BY AMERICAN GEOTECHNICAL, INC. DATED 06.03.24 (FILE NO. 60448-01).
2. LOCATE AND PROTECT EXISTING UTILITIES TO REMAIN DURING AND/OR AFTER CONSTRUCTION.
3. REMOVE ABANDONED FOOTINGS, UTILITIES, ETC. WHICH INTERFERE WITH NEW CONSTRUCTION, UON.

FORMWORK

- 1. PROVIDE CURING WHERE FORMS ARE REMOVED IN LESS THAN 7 DAYS.
2. REMOVE FORMS AND SHORES IN ACCORDANCE WITH THE FOLLOWING:

Table with columns: LOCATION, REMOVE FORMS AND SHORES NO SOONER THAN. Rows include Bottom Forms and Shores for Mildly Reinforced Lid, Footings and Curbs/Pads.

REINFORCING STEEL

- 1. REINFORCING SHALL BE FABRICATED ACCORDING TO THE 'MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION' AND SHALL CONFORM TO THE FOLLOWING UON:
2. PROVIDE REINFORCING SHOWN OR NOTED CONTINUOUS IN LENGTHS AS LONG AS PRACTICABLE.
3. TERMINATE REINFORCING STEEL IN STANDARD HOOKS UNLESS OTHERWISE NOTED ON THE DRAWINGS.
4. ALL REINFORCING STEEL INTERRUPTED BY STRUCTURAL STEEL SHALL TERMINATE WITHIN 1" OF STEEL SURFACE WITH A 90° STANDARD HOOK UNON.

CAST-IN-PLACE CONCRETE

- 1. CONCRETE IS MILDLY REINFORCED AND CAST-IN-PLACE UON, WHERE REINFORCING IS NOT SPECIFICALLY SHOWN OR WHERE DETAILS ARE NOT GIVEN, PROVIDE REINFORCING SIMILAR TO THAT SHOWN FOR SIMILAR CONDITIONS, SUBJECT TO REVIEW BY THE SEOR.
2. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF ADDITIONAL CONCRETE CURBS AND HOUSEKEEPING PADS NOT SHOWN.
3. DIMENSIONS SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF BARS AND DENOTE CLEAR COVERAGE UON.
4. THE MINIMUM CONCRETE CLEAR COVER TO REINFORCING BARS IS AS FOLLOWS:

Table with columns: LOCATIONS, CLEAR COVER, INCHES. Rows include Concrete placed against earth, Formed surfaces exposed to weather, Slabs on grade, Wall or slab surfaces.

Table with columns: USE, fc (PSI) (a), MAX. SLUMP (IN), NOMINAL MAX AGGREGATE (IN), WATER CEMENTITIOUS RATIO. Rows include Typical UON.

- 1. COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS
2. CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY, BEARING A REGISTERED CIVIL ENGINEER'S STAMP TO BE REVIEWED BY THE SEOR.
3. PORTLAND CEMENT SHALL BE TYPE I CONFORMING TO ASTM C150.
4. COARSE AGGREGATE SHALL CONFORM TO ASTM C33 (NORMAL WEIGHT).
5. ALL CONCRETE SHALL BE NORMAL WEIGHT (145 PCF) HARD ROCK TYPE.
6. CONTINUOUSLY MOIST CURE CONCRETE SLABS-ON-GRADE FOR 7 DAYS MINIMUM. WATER FOG SPRAYS, PONDING, SATURATED ABSORPTIVE COVERS OR MOISTURE RETAINING COVERS MAY BE USED.
7. CONCRETE FILL THICKNESS SHOWN ON THE FRAMING PLANS ARE MINIMAL THICKNESS, NO ALLOWANCES HAVE BEEN SHOWN FOR ADDITIONAL CONCRETE FILL REQUIRED TO COMPENSATE FOR FRAME, DECK OR FORMWORK DEFLECTIONS TO MAINTAIN SURFACE TOLERANCES SPECIFIED.

MASONRY

- 1. MASONRY (ASSEMBLY OF MASONRY UNITS, MORTAR, AND GROUT) SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1,500 PSI. PROPERTIES OF INDIVIDUAL COMPONENTS SHALL BE:

Table with columns: COMPONENT, ASTM, COMPRESSIVE STRENGTH (PSI), REMARKS. Rows include Masonry Units, Mortar, Grout.

- 2. COMPRESSIVE STRENGTH OF MASONRY SHALL BE DETERMINED BY THE UNIT STRENGTH METHOD DEFINED BY THE BUILDING CODE.
3. SEE 'REINFORCING STEEL' NOTES FOR TYPES OF REINFORCING.
4. LAP SPLICES SHALL HAVE A LENGTH OF 68 BAR DIAMETERS, WHERE MULTIPLE BARS ARE INSTALLED IN A CELL OR COURSE, STAGGER LAPS A MINIMUM OF 2'-0".
5. CENTER VERTICAL REINFORCING IN WALL UON.
6. DOWELS FROM THE FOUNDATION SHALL MATCH THE SIZE AND SPACING OF VERTICAL REINFORCING IN MASONRY UON.

Table with columns: LOCATIONS, CLEARANCES. Rows include Between reinforcing and inside face of masonry units, Embedded bolts.

- 14. LOW-LIFT GROUTING: LAY UNITS A MAXIMUM OF 4'-0" HIGH BEFORE GROUTING. PLACE GROUT CONTINUOUSLY IN LIFTS NOT EXCEEDING 4'-0". COMPLETELY GROUT THE FULL HEIGHT OF THE WALL SECTION IN ONE DAY WITH NO INTERRUPTIONS GREATER THAN ONE HOUR.
15. HIGH-LIFT GROUTING: LAY UNITS A MAXIMUM OF 12'-0" HIGH BEFORE GROUTING. PLACE GROUT CONTINUOUSLY IN LIFTS NOT EXCEEDING 6'-0". COMPLETELY GROUT THE FULL HEIGHT OF THE WALL SECTION IN ONE DAY WITH NO INTERRUPTIONS GREATER THAN ONE HOUR.
16. PROVIDE VERTICAL CONTROL JOINTS IN WALLS AT LOCATIONS SHOWN ON THE DRAWINGS.

STRUCTURAL STEEL

- 1. DETAIL, FABRICATE AND ERECT IN ACCORDANCE WITH AISC 'SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS', LATEST EDITION.
2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING UON:

Table with columns: SECTIONS, TYPE. Rows include Wide Flanges, Channels, Steel Pipe, High Strength Bolts, Machine Bolts, Welded Headed Studs, Nuts, Hardened Washers, Beveled Washers.

- 3. PROVIDE NATURAL CAMBER UP, EXCEPT AT CANTILEVERS UON. AT CANTILEVERS, PROVIDE CAMBER SUCH THAT THE TIP OF THE CANTILEVER IS ABOVE THE FINAL ELEVATION.
4. SPLICE MEMBERS ONLY WHERE INDICATED.
5. BOLTED CONNECTIONS SHALL USE 1/2" DIAMETER A325 BOLTS IN BEARING TYPE CONNECTIONS UON.
6. WHERE SLOTTED HOLES ARE INDICATED, CENTER BOLTS IN SLOTS UON.
7. DIAMETER OF BOLT HOLE SHALL BE 1/16" LARGER THAN THE BOLT'S DIAMETER UON.
8. PROVIDE BEVELLED WASHERS ON SLOPING SURFACE OF CONNECTIONS FOR FULL BEARING.

STRUCTURAL STEEL WELDING

- 1. WELDERS SHALL BE CERTIFIED BY THE AWS AND THE GOVERNING JURISDICTION.
2. USE THE MINIMUM SIZE OF WELDING IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION AT STEEL TO STEEL JOINTS UNLESS A LARGER WELDING SIZE IS SPECIFIED ON THE PLANS.
3. WHERE LENGTH OF WELDING IS NOT SHOWN, IT SHALL BE FULL LENGTH OF JOINT.
4. WHERE FIELD WELDING IS NOTED, THE DESIGNATION IS GIVEN AS A SUGGESTED CONSTRUCTION PROCEDURE ONLY.
5. ARC-WELDING ELECTRODES/FILLER METALS SHALL BE LOW HYDROGEN TYPES E70XX, E70TXX OR E70XX MINIMUM AS APPLICABLE.

WELDING INSPECTION AND TESTING

- 1. IN ADDITION TO VISUAL INSPECTION AND REVIEW OF CONTRACTOR'S FABRICATION AND ERECTION REPORTS, THE OWNERS STEEL TESTING AGENCY SHALL PERFORM THE INDICATED INSPECTION AND TESTING.
2. BASE METAL THICKER THAN 1/2" SUBJECT TO THROUGH THICKNESS WELD SHRINKAGE, SHALL BE ULTRASONICALLY TESTED 48 HOURS OR MORE AFTER COMPLETION OF WELDING.
3. ALL WELDS SHALL BE VISUALLY INSPECTED AND PERIODICALLY MEASURED.
4. AMPERAGE, VOLTAGE, POLARITY, AND ELECTRODE STICK OUT SHALL BE VERIFIED TO BE IN COMPLIANCE WITH THE ELECTRODE MANUFACTURER'S RECOMMENDATIONS.

WELDING SUBMITTALS

- 1. PROVISION FOR WELDING HEAT EFFECTS: A SEQUENCE OF FIELD WELDING SHALL BE PLANNED TO MINIMIZE RESIDUAL STRESSES AND DISTORTION AND SHALL BE SUBMITTED TO THE SEOR AT TIME OF SHOP DRAWING SUBMITTAL.
2. A WRITTEN WELDING PROCEDURE SPECIFICATION PER AWS SHALL BE DEVELOPED BY THE CONTRACTOR AND REVIEWED/STAMPED BY A CERTIFIED WELDING INSPECTOR (CWI), THEN
3. SUBMITTED TO THE SEOR FOR APPROVAL.
4. OUR SHOP DRAWING STAMP WILL BE ADDED TO THE WPS UPON OUR APPROVAL.
5. ALL WELDED JOINTS SHALL BE PREQUALIFIED PER AWS. NON-PREQUALIFIED WELDED JOINTS SHALL BE QUALIFIED BY TEST AND PROCEDURE QUALIFICATION TEST RECORD PER AWS.

STRUT FRAMING & COMPONENTS

- 1. ALL MISCELLANEOUS STRUTS AND COMPONENTS SHALL BE UNISTRUT OR APPROVED EQUAL (WITH SEOR APPROVAL).
2. STRUT FRAMING SHALL BE 1/2 GAUGE, EITHER ASTM A1011 SS GR 33, OR ASTM A663 GR 33.
3. ALL STRUT EXPOSED TO WEATHER SHALL BE PG OR HDG. ALL FASTENERS EXPOSED TO WEATHER SHALL BE HDG OR STAINLESS STEEL.
4. SEE PLANS FOR SIZES AND TYPES OF STRUT USED.
5. TYPICAL SCREWS SHALL BE 1/2" HEX HEAD CAP SCREWS (HHCS) UON.

STEEL DECK

- 1. STEEL ROOF DECK SHALL HAVE MINIMUM SECTION PROPERTIES AS SHOWN ON THE 'TYPICAL DETAILS'.
2. ALL ROOF DECK SHALL CONFORM TO ASTM A653 - SS GRADE 33 (MINIMUM) WITH MINIMUM YIELD STRENGTH OF 38 KSI AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A653, G60.
3. PROVIDED VENTED DECK WHEN CONCRETE WILL BE PLACED ON TOP.
4. WHERE POSSIBLE, LAY OUT METAL DECK TO SPAN AT LEAST THREE SPANS CONTINUOUSLY (DECK SHALL SPAN AT LEAST TWO SPANS MINIMUM UON).
5. PROVIDE 2" END LAPS AND A MINIMUM OF 2" END BEARING ON SUPPORTING MEMBERS UON.

Revision table with columns: REVISION, DATE, BY, CHECKED, DATE. Shows revision 09/30/2025 by J.S.V.

IN ACCORDANCE WITH RESOLUTION No. 19-16, AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, CALIFORNIA, AUTHORITY IS GRANTED TO THE DIRECTOR OF PUBLIC WORKS, ENGINEER, ARCHITECT, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF IMPROVEMENTS TO THE CITY OF SANTA CLARITA, CALIFORNIA, TO BE CONSTRUCTED UNDER THE CODE SECTION 83046 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT OR REPAIR OF, THE CITY OF SANTA CLARITA, CALIFORNIA, OR PROPERTY TO WHICH THIS AGREEMENT, SIGNATURE AND DATE IS APPLIED.



Project information table including: PROJECT ENGINEER (ALEXANDROS BLETSOS), SCALE (AS SHOWN), DRAWN (BTM), DESIGNED (AGB), CHECKED (AGB), DATE (02/17/2020), JOB# (24PA001), ENG. AGR.

TITLE: DETAILS

NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS SANTA CLARITA CA

SHEET 21 OF 61 SHEETS JOB NO. C258



DRAWING INDEX table listing: S0.1 GENERAL NOTES, S0.2 GENERAL NOTES, S0.3 TYPICAL DETAILS, S0.4 TYPICAL DETAILS, S0.5 TYPICAL DETAILS, S1.1 FOUNDATION PLAN, S1.2 ROOF FRAMING PLAN, S1.2.1 DETAILS, S2.2 DETAILS.

BLD25-00576 (ARCH) The approved plans must be available at the construction site for review by the Building & Safety Division. Approval of these plans shall not be construed to permit or approve any violation of the applicable codes, ordinances, or other laws.

LUMBER

- 1. WOOD DIMENSION LUMBER SHALL BE VISUALLY GRADED DOUGLAS FIR-LARCH PER WCLB AND SHALL BE SURFACED DRY (19% MOISTURE CONTENT MAXIMUM). STRUCTURAL FRAMING MEMBERS SHALL BE S4S AND GRADE MARKED AS FOLLOWS UON:
A. TYPICAL UON: No. 2
B. 6x AND LARGER BEAMS: No. 1
2. SHEATHING SHALL BE APA RATED, MANUFACTURED WITH EXTERIOR GLUE AND 32/16 MINIMUM SPAN RATING (SEE DRAWINGS FOR GRADE) AND SHALL CONFORM TO:
5. PLY WOOD MANUFACTURED TO VOLUNTARY PRODUCT STANDARD PS 1-19
6. WOOD-BASED STRUCTURAL USE PANELS CONFORMING TO VOLUNTARY PRODUCT STANDARD PS 2-18
3. USE ASTM A307 MACHINE BOLTS UON. PROVIDE MALLEABLE IRON OR STEEL PLATE WASHERS UNDER NUTS AND BOLT HEADS AND LAG SCREWS BEARING ON WOOD PER THE FOLLOWING TABLE:

Table with 4 columns: BOLT OR SCREW DIAMETER, SQUARE PLATE WASHER SIZE, ROUND PLATE WASHER SIZE, MALLEABLE IRON WASHER SIZE. Rows include 1/2", 3/8", and 3/4" diameters.

- 4. CUT WASHERS SHALL NOT BE USED WITHOUT PRIOR WRITTEN CONSENT FROM THE SEOR.
5. PROVIDE HOT-DIPPED, ZINC-COATED GALVANIZED OR STAINLESS STEEL FASTENERS (NAILS, BOLTS, WASHERS, NUTS, ETC.) AT ALL PRESSURE-PRESERVATIVE TREATED (PT) & FIRE-RETARDANT TREATED (FRT) MEMBERS.
6. MINIMUM NAILING SHALL COMPLY WITH CBC TABLE 2304.10.2. NAILS SHALL BE COMMON WIRE NAILS (OR AS SPECIFIED FOR ACCESSORIES OF HARDWARE CONNECTORS) WITH PROPERTIES PER THE FOLLOWING TABLE:

Table with 2 columns: NAIL SIZE, DIAMETER x LENGTH. Rows include 8d (0.131" x 2 1/2"), 10d (0.148" x 3"), and 16d (0.162" x 3 1/2").

- 7. SHEATHING NAILING SHALL HAVE A MINIMUM EDGE DISTANCE OF 3/8". NAIL HEADS SHALL BE FLUSH WITH TOP SURFACE OF SHEATHING. SINKING NAIL HEADS IS PROHIBITED.
8. PROVIDE SHEATHING EDGE NAILING AROUND OPENINGS.
9. NAILING SHALL BE ACCOMPLISHED WITHOUT SPLITTING WOOD. CONTACT THE SEOR FOR ALTERNATE METHOD IF SPLITTING OCCURS.
10. HARDWARE CONNECTORS AND ACCESSORIES SHALL BE SIMPSON STRONG-TIE CONNECTORS OR APPROVED EQUAL.
11. SILL PLATES IN DIRECT CONTACT WITH CONCRETE, MASONRY, OR EARTH SHALL BE TREATED WOOD OR APPROVED EQUAL. TREATED WOOD SHALL BE TREATED WITH ALKALINE COPPER QUAT (ACQ-C AND ACQ-D), CARBONATE AZOLE (CBA-A), OR COPPER AZOLE (CA-B).
12. SOLID BLOCKING SHALL BE PLACED BETWEEN JOISTS AT POINTS OF SUPPORT AND POINTS WHERE SHEATHING IS DISCONTINUOUS.
13. WOOD MEMBER WITH WANE SHALL NOT BE LOCATED AT SHEATHING JOINT.
14. NO STRUCTURAL MEMBER SHALL BE CUT WITHOUT THE APPROVAL OF THE SEOR.
15. HARDWARE CONNECTING WOOD MEMBERS SHALL BE RECESSED WHEN REQUIRED BY ARCHITECTURAL FINISH. VERIFY WITH ARCHITECTURAL DRAWINGS TYPICAL.
16. PROVIDE HOT-DIPPED, ZINC-COATED GALVANIZED WASHERS FOR ALL SILL PLATE ANCHOR BOLTS. EITHER 1/2"x2"x2" PLATE WASHERS OR SIMPSON BP WASHERS ARE ACCEPTABLE.
17. AT BOLTS (INCLUDING AT HOLD-DOWNS), NUTS SHALL BE TIGHTENED TO FINGER TIGHT PLUS ONE-HALF TURN JUST PRIOR TO COVERING THE WALL FRAMING.
18. BOLT HOLES AT WOOD MEMBERS SHALL NOT BE MORE THAN 1/16" LARGER THAN THE BOLT DIAMETER.
19. SIMPSON HARDWARE AND FASTENERS IN CONTACT WITH TREATED WOOD SILL PLATES SHALL BE ZMAX COATED. ALL NAILS INTO TREATED MEMBERS AND SILL PLATES SHALL BE HOT-DIPPED GALVANIZED OR SIMPSON ZMAX COATED NAILS.
20. SOLID BLOCKING OR EQUIVALENT CROSS-BRIDGING SHALL BE INSTALLED BETWEEN ALL ROOF JOISTS AT THE SPACING PER CODE.

EXPANSION (WEDGE) ANCHORS

- 1. WHEN INSTALLING DRILLED-IN ANCHORS IN NON-PRESTRESSED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING.
2. EXPANSION ANCHORS INTO CONCRETE SHALL BE HILTI KB-TZ2 (ICC ESR-4266).
3. EXPANSION ANCHORS INTO MASONRY SHALL BE HILTI KB-TZ2 (ICC ESR-4561).
4. INSTALL ANCHORS IN ACCORDANCE WITH THE ICC REPORT.
5. EFFECTIVE EMBEDMENTS (h_e) ARE SHOWN ON DETAILS.
6. PROVIDE STAINLESS STEEL (SS) FASTENERS FOR EXTERIOR USE OR WHEN EXPOSED TO WEATHER. PROVIDE CARBON STEEL (CS) ANCHORS AT INTERIOR LOCATIONS UON.
7. IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON HOLE AND SHIFT LOCATION TO AVOID THE REINFORCEMENT. IF THE ANCHOR MAY NOT BE SHIFTED AS NOTED BELOW, CONTACT THE SEOR.
8. WHEN SHIFTING/RELOCATING AN ANCHOR, PROVIDE A MINIMUM OF TWO ANCHOR DIAMETERS OR 1", WHICHEVER IS LARGER, OF SOUND CONCRETE BETWEEN THE ANCHOR AND THE ABANDONED HOLE.
9. FILL ABANDONED ANCHOR HOLES WITH NON-SHRINK GROUT.
10. LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS OR OTHER STEEL ASSEMBLIES ATTACHED WITH ANCHORS.
11. INSTALL ANCHORS TO THE FOLLOWING SPECIFICATIONS:
ANCHORS IN CONCRETE:

Table with 8 columns: ANCHOR DIAMETER (IN), 1/4", 3/8", 1/2", 5/8", 3/4", 1", 1 1/4". Rows include EFFECTIVE EMBED, NOMINAL EMBED, MIN HOLE DEPTH, INSTALL TORQUE, MIN THICKNESS, MIN EDGE DIST, FOR s >= (IN), MIN SPACING, FOR c >= (IN).

- NOTES
1. TWO VALUES SHOWN WHEN DIFFERENT FOR CS & S RESPECTIVELY PER TABLE 3 OF THE ICC REPORT.

ANCHORS IN MASONRY:

Table with 6 columns: ANCHOR DIAMETER, IN, 1/4", 3/8", 1/2", 5/8". Rows include EFFECTIVE EMBED, NOMINAL EMBED, MIN HOLE DEPTH, INSTALL TORQUE, MIN SPACING.

- NOTES
1. TWO VALUES SHOWN WHEN DIFFERENT FOR CS & S RESPECTIVELY.
2. MAINTAIN A MINIMUM EDGE DISTANCE PER TABLE ABOVE AND MINIMUM ANCHOR SPACING OF 3 TIMES THE ANCHOR EMBEDMENT UON. CONTACT SEOR IF THIS CANNOT BE ACCOMPLISHED.
3. SPECIAL INSPECTIONS OF POST-INSTALLED ANCHOR INSTALLATIONS (PER CBC 1705.3) MUST BE PERFORMED BY AN APPROPRIATELY QUALIFIED SPECIAL INSPECTOR EMPLOYED BY AN APPROVED AGENCY RETAINED BY THE OWNER.

ADHESIVE DOWELS

- 1. WHEN INSTALLING DRILLED-IN DOWELS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS.
2. DOWELS INTO CONCRETE SHALL BE INSTALLED WITH ONE OF THE FOLLOWING MATERIALS UON:
A. HILTI HIT-HY 200 V3 (ICC ESR-4868)
B. HILTI HIT-RE 500 V3 (ICC ESR-3814)
C. SIMPSON SET-3G (ICC ESR-4607)
3. DOWELS INTO MASONRY SHALL BE INSTALLED WITH ONE OF THE FOLLOWING MATERIALS UON:
A. HILTI HY-270 (ICC ESR-4143)
B. SIMPSON SET (ICC ESR-1772)
C. SIMPSON SET-3G (ICC ESR-4844)
4. ADHESIVE DOWELS SHALL BE INSTALLED IN ACCORDANCE WITH THE ICC REPORT & THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPI) INCLUDED WITH THE ADHESIVE PRODUCT. REQUIREMENTS FOR MOISTURE CONDITION AND TEMPERATURE OF CONCRETE AT TIME OF INSTALLATION AND REQUIREMENTS FOR HOLE DRILLING (HOLE DIAMETER, DEPTH AND CLEANING/PREPARATION) ARE NOTED IN THE ICC REPORT AND MPI DOCUMENT.
5. ADHESIVE DOWELS SHALL NOT BE INSTALLED IN NEW CONCRETE UNTIL 21 DAYS MINIMUM.
6. DOWELS SHALL CONFORM TO ASTM A615 GRADE 60 REINFORCING STEEL.
7. REMOVE GREASE, OIL, RUST AND OTHER LAITANCE FROM DOWELS PRIOR TO INSTALLATION.
8. IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON HOLE AND SHIFT THE DOWEL LOCATION TO AVOID REINFORCEMENT. IF THE DOWEL MAY NOT BE SHIFTED AS NOTED BELOW, CONTACT THE SEOR.
9. WHEN SHIFTING/RELOCATING DOWELS, PROVIDE A MINIMUM OF TWO DOWEL DIAMETERS OR 1", WHICHEVER IS LARGER, OF SOUND CONCRETE BETWEEN THE DOWEL AND THE ABANDONED HOLE. FILL ABANDONED HOLES FOR DOWELS WITH NON-SHRINK GROUT OR ADHESIVE.
10. EMBEDMENT DEPTH FOR DOWELS ARE SHOWN IN THE DRAWINGS.

POWER ACTUATED FASTENERS (PAF)

- 1. WHEN INSTALLING PAF IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS.
2. PAF SHALL BE HILTI X41 (0.157" DIAMETER) WITH WASHER PER ICC ESR-2269 WITH 1" EMBEDMENT INTO CONCRETE (SEE ICC REPORT FOR REQUIREMENTS INTO STEEL FRAMING) UON.
3. MAINTAIN 3" MINIMUM EDGE DISTANCE AND 4" MINIMUM SPACING IN CONCRETE. MAINTAIN 1/2" MINIMUM EDGE DISTANCE AND 1" MINIMUM SPACING IN STEEL STRUCTURE IF THIS CANNOT BE ACCOMPLISHED.
4. PAF IN CONCRETE SHALL NOT BE USED TO RESIST SUSTAINED TENSION LOADS OR FOR BRACE APPLICATIONS (SEISMIC TENSION) EXCEPT SUSPENDED CEILING APPLICATIONS AND DISTRIBUTED SYSTEMS WITH SERVICE LOAD LIMITED TO 90 LBS (PER ASCET 13.4.5, EXCEPTION 1).

STRUCTURAL TESTS AND SPECIAL INSPECTIONS

- 1. STRUCTURAL TESTS AND INSPECTIONS SHALL BE ACCORDING TO 2022 CALIFORNIA BUILDING CODE.
2. THE SPECIAL INSPECTIONS IDENTIFIED ARE IN ADDITION TO THOSE REQUIRED BY SECTION 110 OF THE CODE, AS AMENDED. SPECIAL INSPECTION IS NOT A SUBSTITUTE FOR INSPECTION BY THE GOVERNING JURISDICTION.
3. AN INDEPENDENT TESTING AGENCY AND SPECIAL INSPECTORS WILL BE RETAINED BY THE OWNER (NOT THE CONTRACTOR OR ANY OTHER PERSON RESPONSIBLE FOR THE WORK) TO PERFORM TESTS AND SPECIAL INSPECTIONS. THE CONTRACTOR SHALL PROVIDE ACCESS AND FURNISH SAMPLES TO THE AGENCY AS REQUIRED.
4. IF INITIAL TESTS OR INSPECTIONS MADE BY THE OWNER'S TESTING AGENCY REVEAL THAT ANY PORTION OF THE WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS, ADDITIONAL TESTS, INSPECTIONS AND NECESSARY REPAIRS WILL BE MADE AT THE CONTRACTOR'S EXPENSE.
5. A CERTIFICATE OF SATISFACTORY COMPLETION OF WORK REQUIRING SPECIAL INSPECTION MUST BE COMPLETED AND SUBMITTED TO THE GOVERNING JURISDICTION AND SEOR.
6. PERIODIC OR CONTINUOUS PRESENCE AND INSPECTION BY THE PROJECT OR SPECIAL INSPECTOR ARE REQUIRED FOR THE FOLLOWING TYPES OF WORK OR OCCASIONS:

Table: REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION (AISC 360). Columns: TYPE, INSPECTION FREQUENCY, REFERENCED STANDARD, IBC REFERENCE. Rows include STRUCTURAL STEEL, WELDING, and HIGH STRENGTH BOLTS.

Table: REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION (CBC TABLE 1705.3). Columns: TYPE, INSPECTION FREQUENCY, REFERENCED STANDARD, IBC REFERENCE. Rows include REINFORCEMENT AND VERIFICATION, ANCHORS CAST IN CONCRETE, ANCHORS/DOWELS, USE OF REQUIRED DESIGN MIX, CONCRETE PLACEMENT, CURING TEMPERATURE, FORMWORK, and CONCRETE MEMBER BEING FORMED.

Table: REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS (CBC TABLE 1705.6). Columns: TYPE, INSPECTION FREQUENCY, REFERENCED STANDARD, IBC REFERENCE. Rows include FOUNDATIONS, EXCAVATIONS, COMPACTED FILL, and PROPER MATERIALS.

Table: REQUIRED SPECIAL INSPECTIONS AND TESTS OF MASONRY CONSTRUCTION - LEVEL B QUALITY ASSURANCE (RISK CATEGORY I-III, TMS 602, TABLE 4). Includes MINIMUM TESTS and MINIMUM SPECIAL INSPECTION sections.

Table: OTHER SPECIAL INSPECTIONS. Columns: TYPE, INSPECTION FREQUENCY, REFERENCED STANDARD, IBC REFERENCE. Rows include STRUCTURAL WOOD, PLUMBING, MECHANICAL AND ELECTRICAL COMPONENTS, SEISMIC FORCE-RESISTING SYSTEMS, and STRUCTURAL STEEL ELEMENTS.

STRUCTURAL OBSERVATION PROGRAM

- 1. STRUCTURAL OBSERVATION SHALL BE CONDUCTED BY A REGISTERED CIVIL OR STRUCTURAL ENGINEER. THE CONTRACTOR SHALL PROVIDE 72 HOURS NOTICE TO THE ENGINEER PRIOR TO REQUIRED VISIT.
2. STRUCTURAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE INSPECTIONS REQUIRED BY SECTIONS 106, 1701 OR OTHER SECTIONS OF THE CODE.
3. ALL OBSERVED DEFICIENCIES SHALL BE REPORTED IN WRITING TO THE OWNER'S REPRESENTATIVE. SPECIAL INSPECTOR, CONTRACTOR & INSPECTION SERVICES. THE STRUCTURAL OBSERVER SHALL SUBMIT A WRITTEN STATEMENT TO INSPECTION SERVICES THAT SITE VISITS HAVE BEEN MADE AND IDENTIFYING ANY REPORTED DEFICIENCIES THAT HAVE NOT BEEN RESOLVED. THE STRUCTURE WILL NOT BE IN COMPLIANCE UNTIL THE DESIGNER HAS NOTIFIED INSPECTION SERVICES THAT ALL DEFICIENCIES ARE RESOLVED.
4. STRUCTURAL OBSERVATION SHALL BE CONDUCTED AT THE FOLLOWING STAGES/OF CONSTRUCTION:
A. PRIOR TO PLACING CONCRETE AT LD OF SURGE TANK (AFTER INSTALLATION OF ALL DOWELS, REINFORCING AND FORMWORK/SHORING)
B. SUBSTANTIAL COMPLETION OF CONSTRUCTION (PRIOR TO COVERING ROOF SHEATHING).
5. PRIOR TO FINAL INSPECTION, SEOR WILL SUBMIT A LETTER TO THE GOVERNING JURISDICTION CERTIFYING COMPLETED STRUCTURAL ELEMENTS.

ABBREVIATIONS

Table of abbreviations with columns: A.A., AB, ABV, A.D., ADDL, ADJ, AFF, ALT, APPROX, ATR, BLDG, BLKG, BLW, BM, BN, BOF, BOT, BRG, BSMT, BTWN, C, CANT, CIP, CL, CLG, CLR, CMU, COL, CONC, CONN, CONST, CONT, COORD, CSK, CTR, CY, D, DBL, DEMO, DET, DIF, DIA, DIAG, DIAPH, DIM, DIST, DN, DO, DWG(S), (E), EXIST, EA, E.A., EF, EJ, ELEV, ELEC(T), ELEV, EMBED), EN, EQ, ES, E.W., EXP, EXT, FDN, F.F., F.F.J., FLR, FN, FO, FOC. Rows include adhesive anchors, faces, framing, materials, and construction types.

Table with 2 columns: REVISION, DATE, DESCRIPTION. Rows include 09/30/2025, 11/25/24, 09/30/2025.

IN ACCORDANCE WITH RESOLUTION No. 19-6, AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, CALIFORNIA, AUTHORITY IS GRANTED TO THE ENGINEER TO DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF IMPROVEMENTS TO THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO, THE CITY OF SANTA CLARITA, OR PROPERTY TO WHICH THIS AGREEMENT, SIGNATURE AND DATE IS AFFIXED.



SPiRE ENGINEERING logo and contact information: 26467 Rancho Parkway South, Lake Forest, CA 92650. Website: www.spirestructures.com. Job: 24PA001.

Table with 2 columns: PREPARED BY, PROJECT ENGINEER, SCALE, DRAWN, DESIGNED, CHECKED, DATE. Rows include ALEXANDROS BLETSOS, AS-SHOWN, 1/8" = 1'-0", BTM, AGB, 02/17/2020.

NEW HALL PARK POOL PUMP ROOM RENOVATION PLANS SANTA CLARITA CA. CITY OF SANTA CLARITA BUILDING & SAFETY. APPROVED Under SCMC Titles 18, 19, 20, 21, 24, 25. Sep 16, 2025. F. Svendsen.

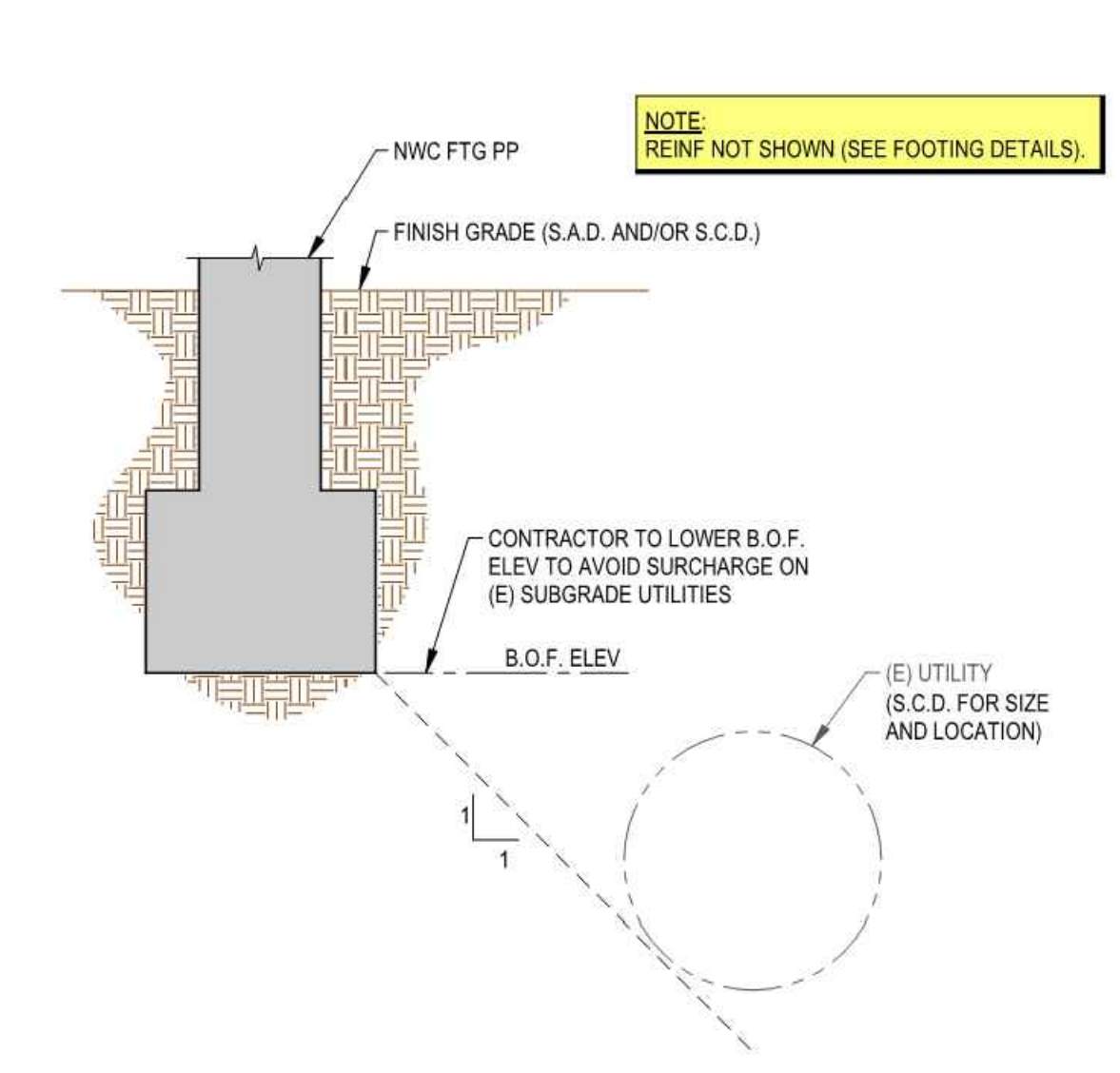
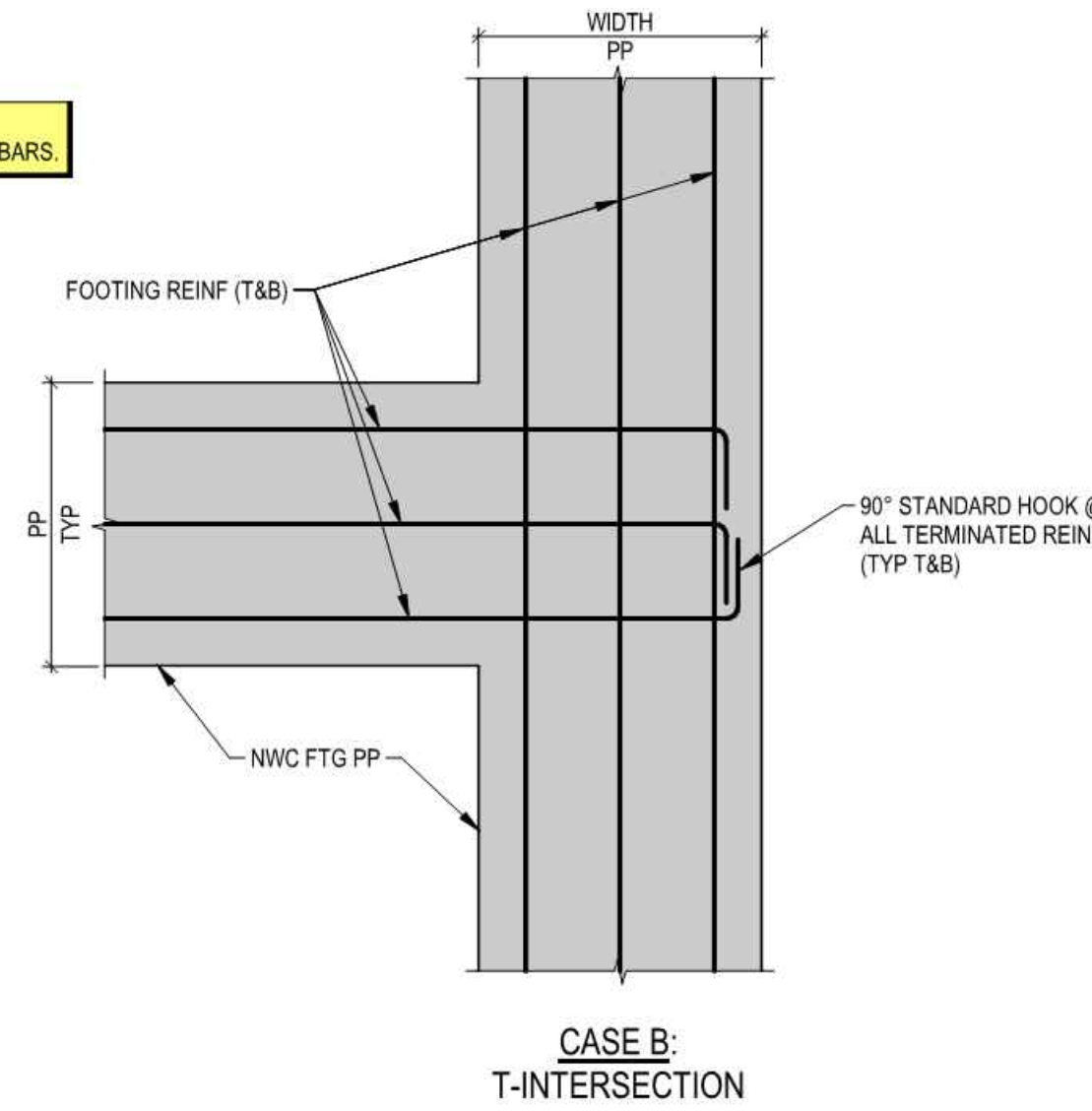
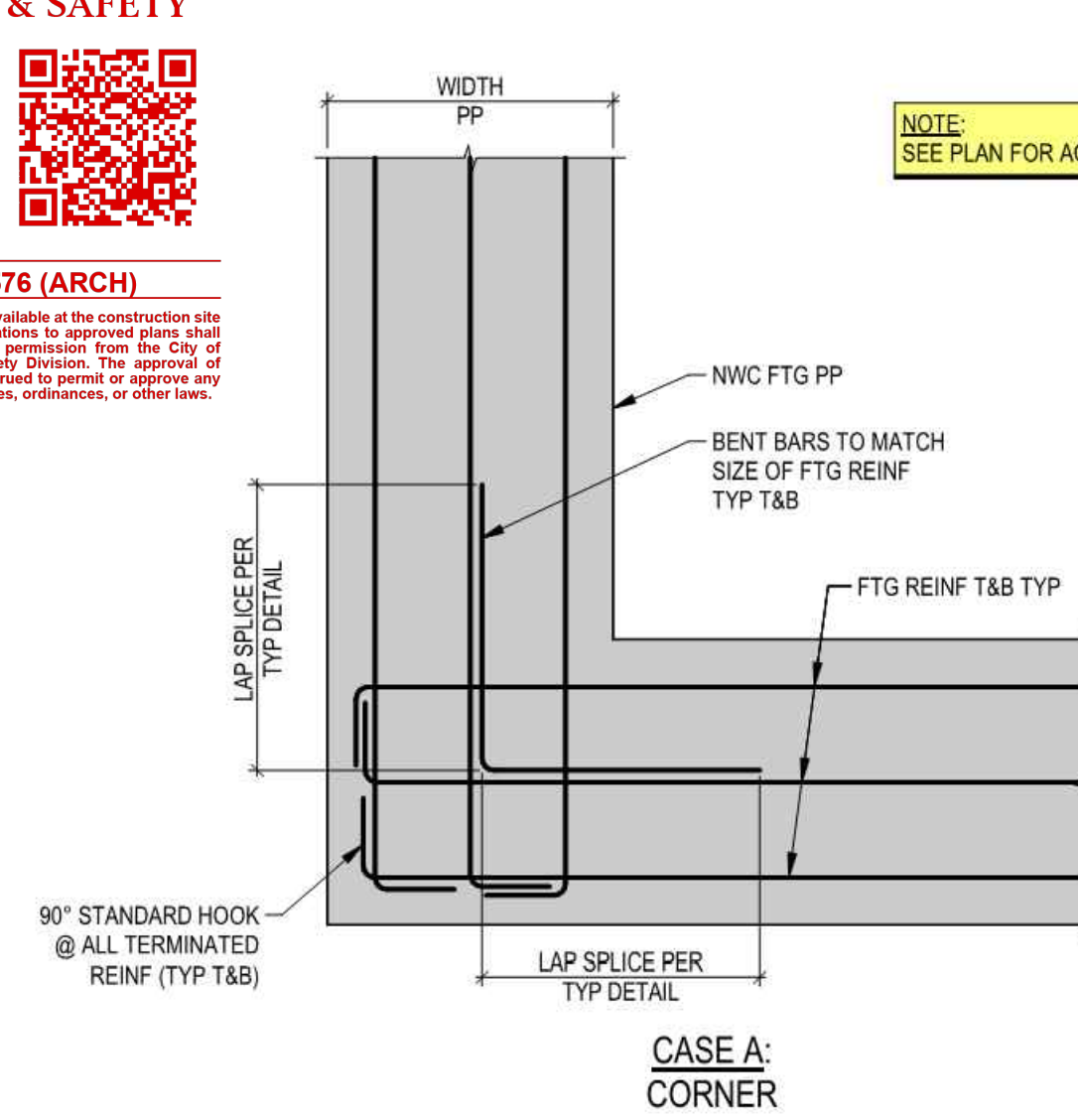
**CITY OF SANTA CLARITA
BUILDING & SAFETY**
APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen



BLD25-00576 (ARCH)
The approved plans must be available at the construction site at all times. Changes or alterations to approved plans shall not be made without written permission from the City of Santa Clarita Building & Safety Division. The approval of these plans shall not be construed to permit or approve any violation of the applicable codes, ordinances, or other laws.

- SPALLING CONCRETE REPAIRS:**
1. REMOVE DIRT & LOOSE CONCRETE.
 2. IF REBAR IS EXPOSED, CLEAN & REMOVE RUST USING A WIRE WASH.
 3. PAINT REBAR w/ SIKAGARD P 8100 AP OR EQUIVALENT.
 4. PAINT CONCRETE w/ SIKALATEX OR EQUIVALENT.
 5. PATCH CONCRETE w/ SIKATOP-123 PLUS OR EQUIVALENT.

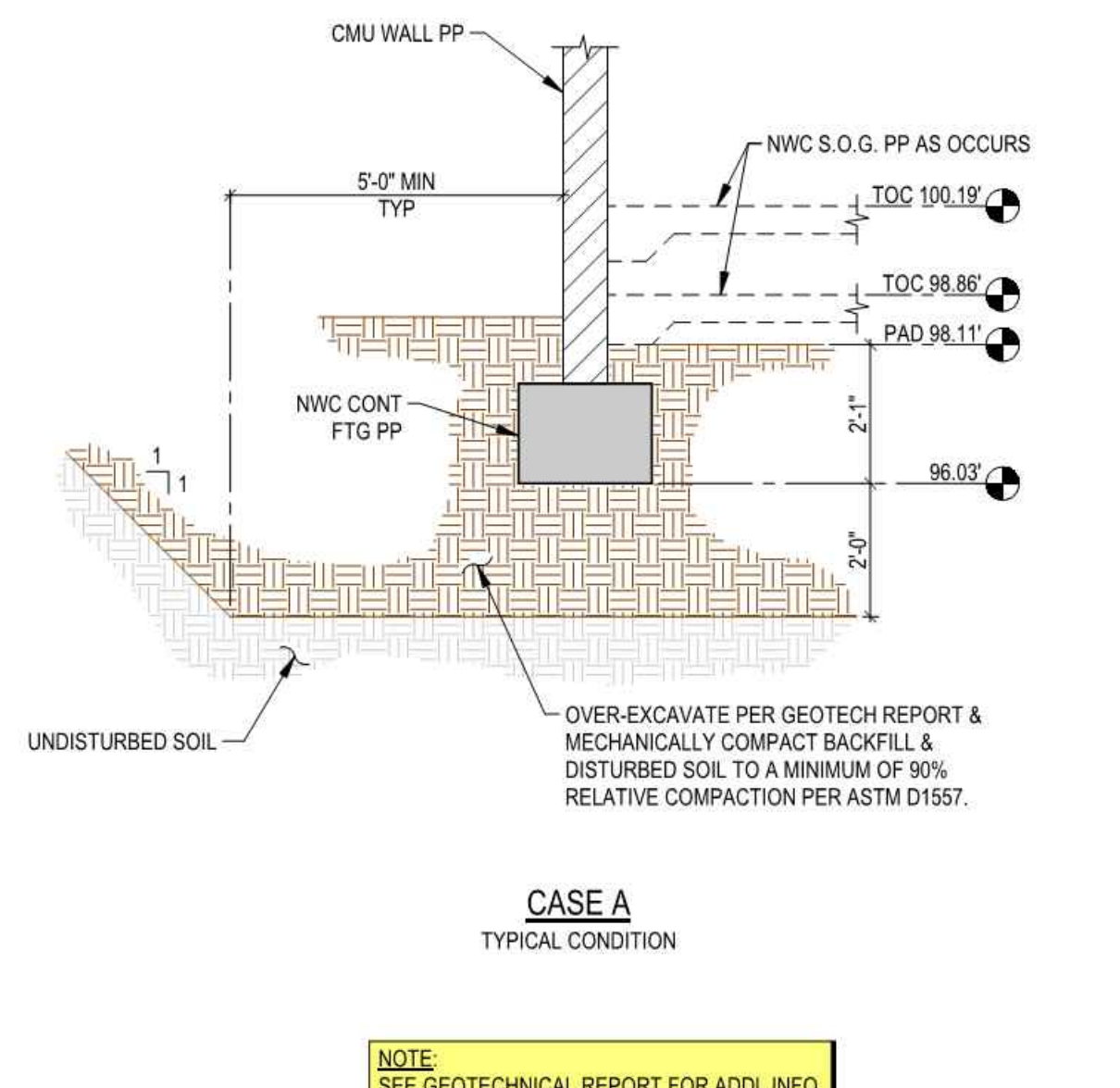
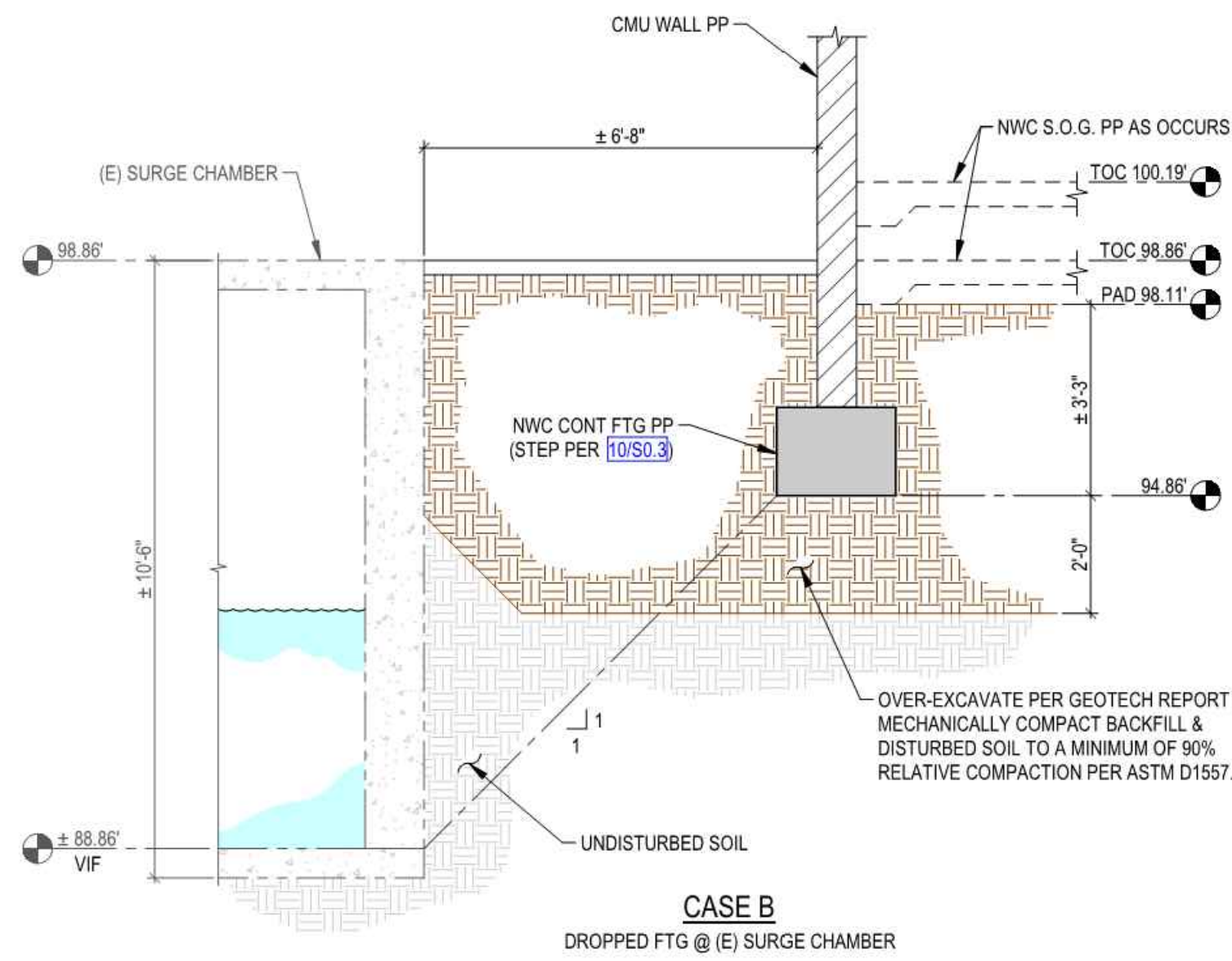
- SMALL CONCRETE CRACK REPAIRS (1/4" MAX):**
1. REMOVE DIRT & LOOSE CONCRETE FROM THE CRACK USING A WIRE BRUSH.
 2. WIDEN THE CRACK (IF NEEDED).
 3. FILL CRACK w/ SIKADUR CRACK FIX OR EQUIVALENT.



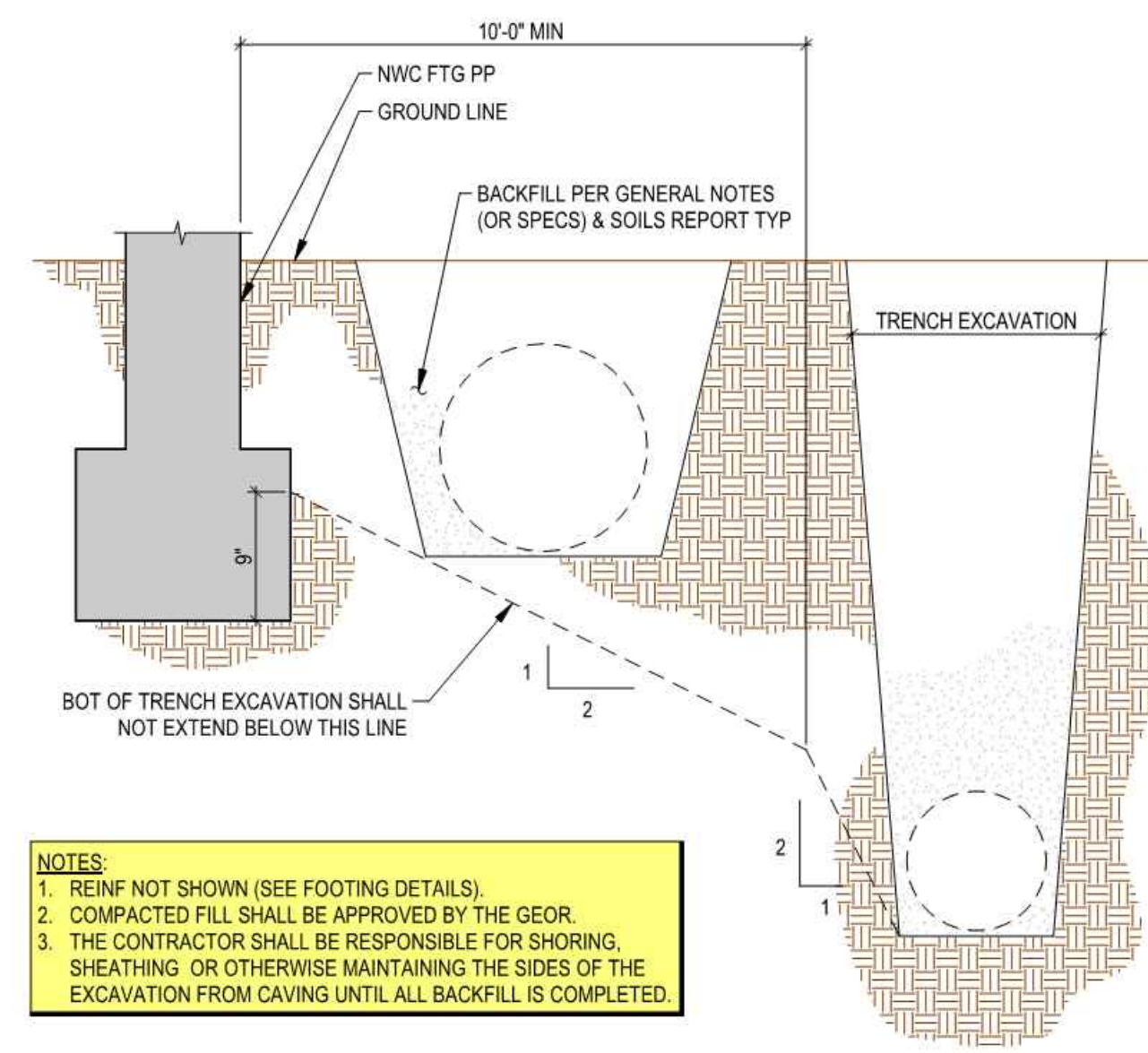
TYPICAL SURGE TANK REPAIRS
SCALE: NONE (12)

TYPICAL CONTINUOUS FOOTING INTERSECTIONS
SCALE: NONE (6)

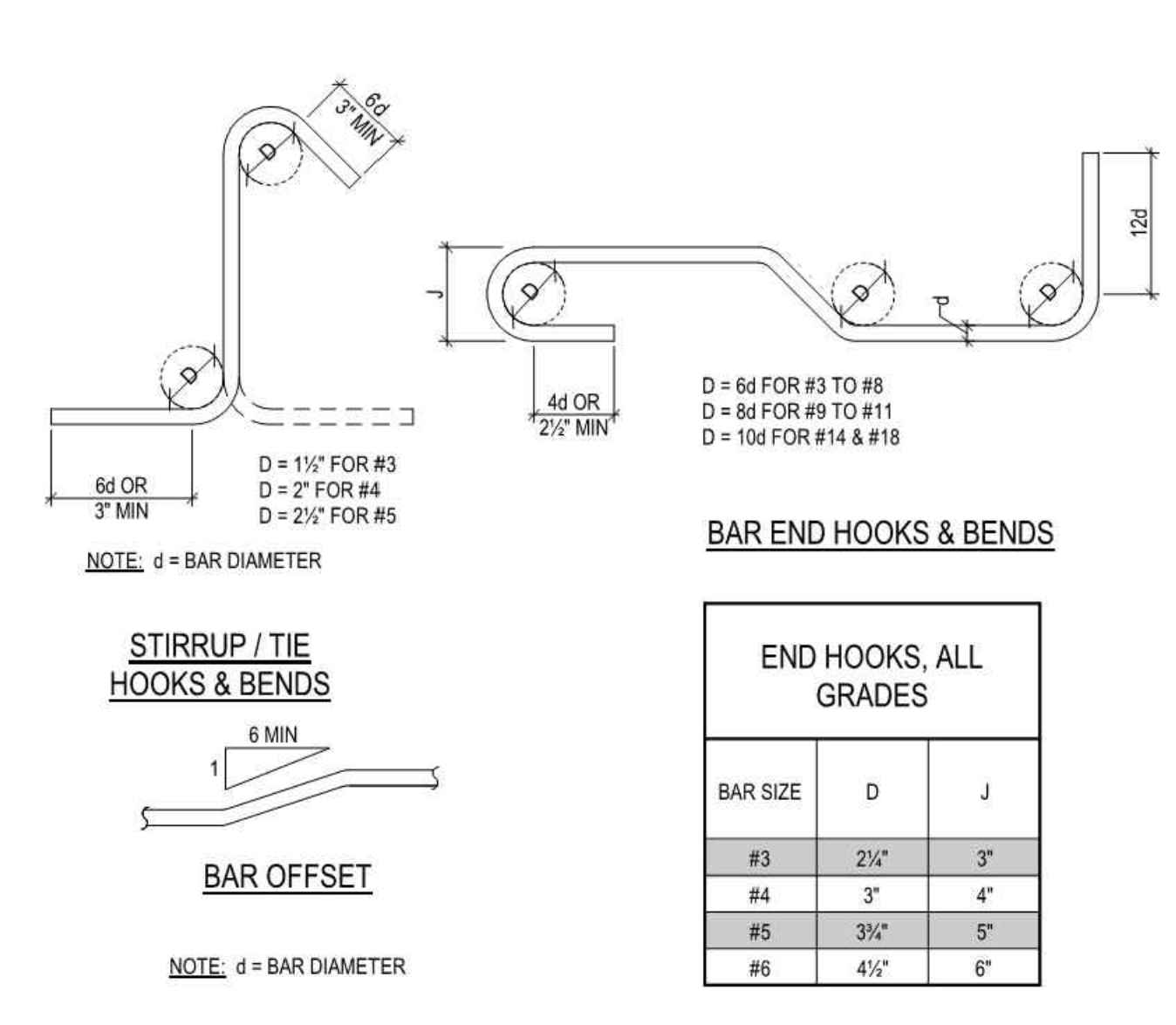
TYPICAL FOOTING PARALLEL TO (E) UTILITY
SCALE: NONE (3)



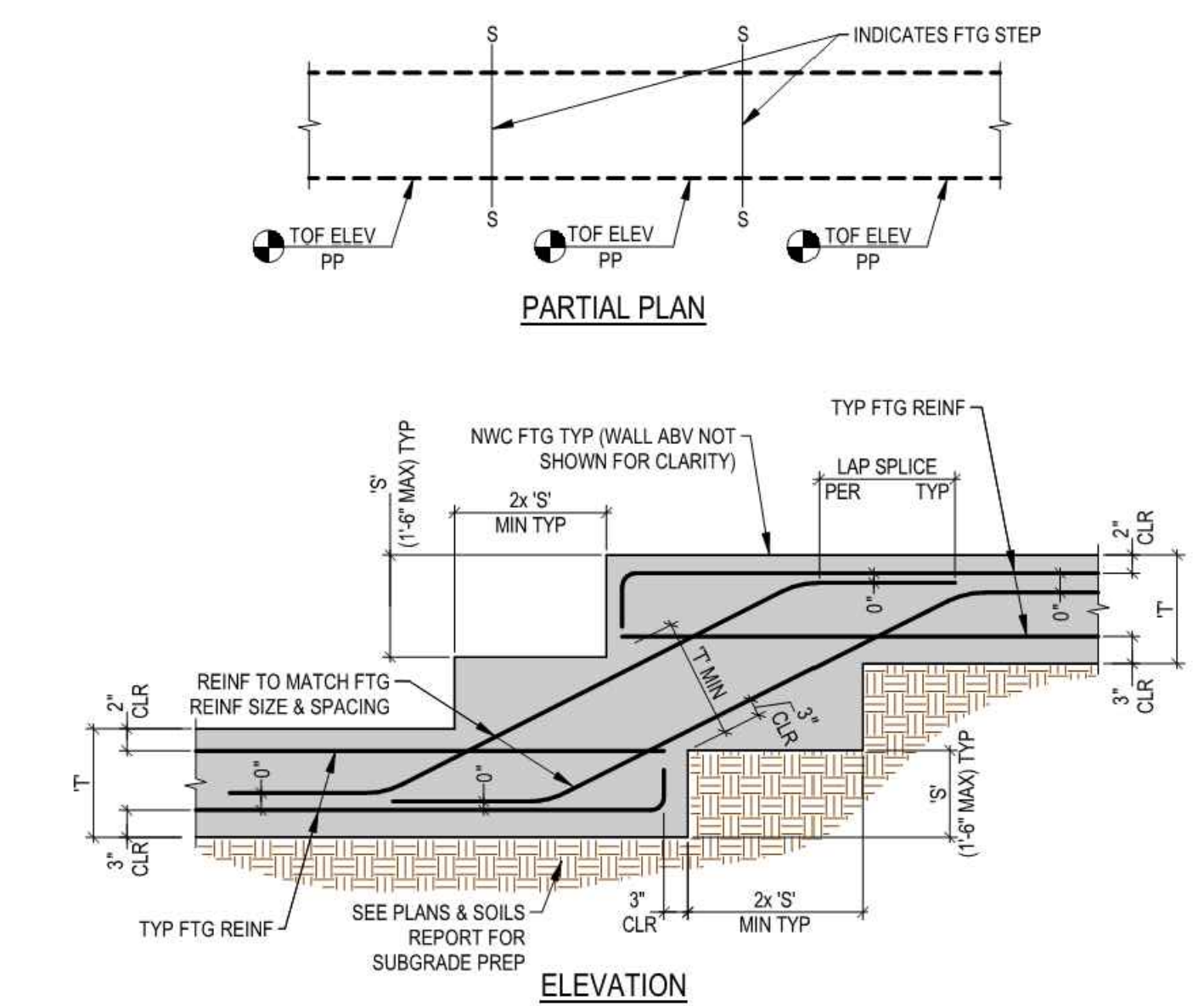
TYPICAL OVER-EXCAVATION SECTION
SCALE: NONE (8)



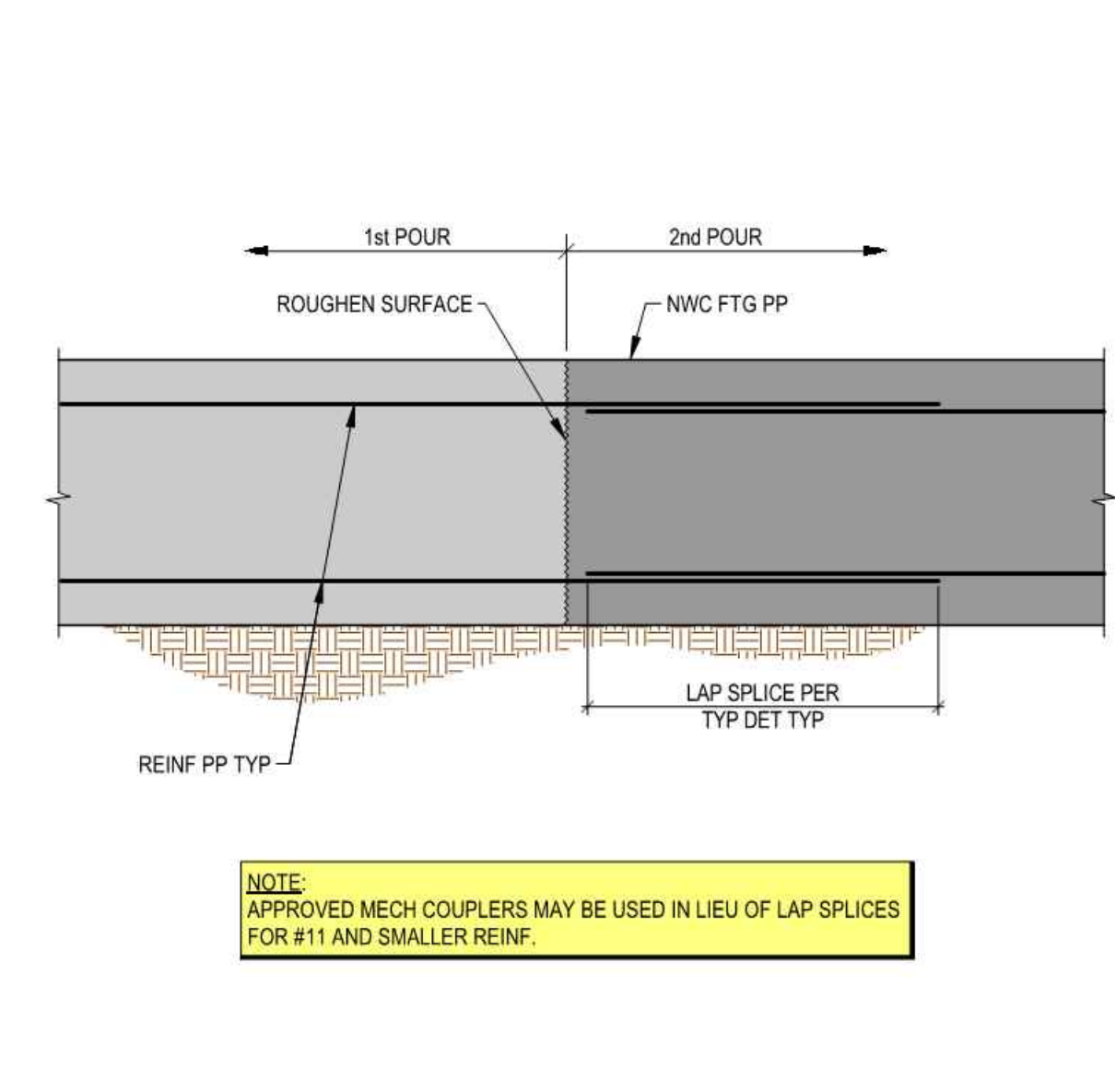
TYPICAL EXCAVATIONS PARALLEL TO FOOTING
SCALE: NONE (5)



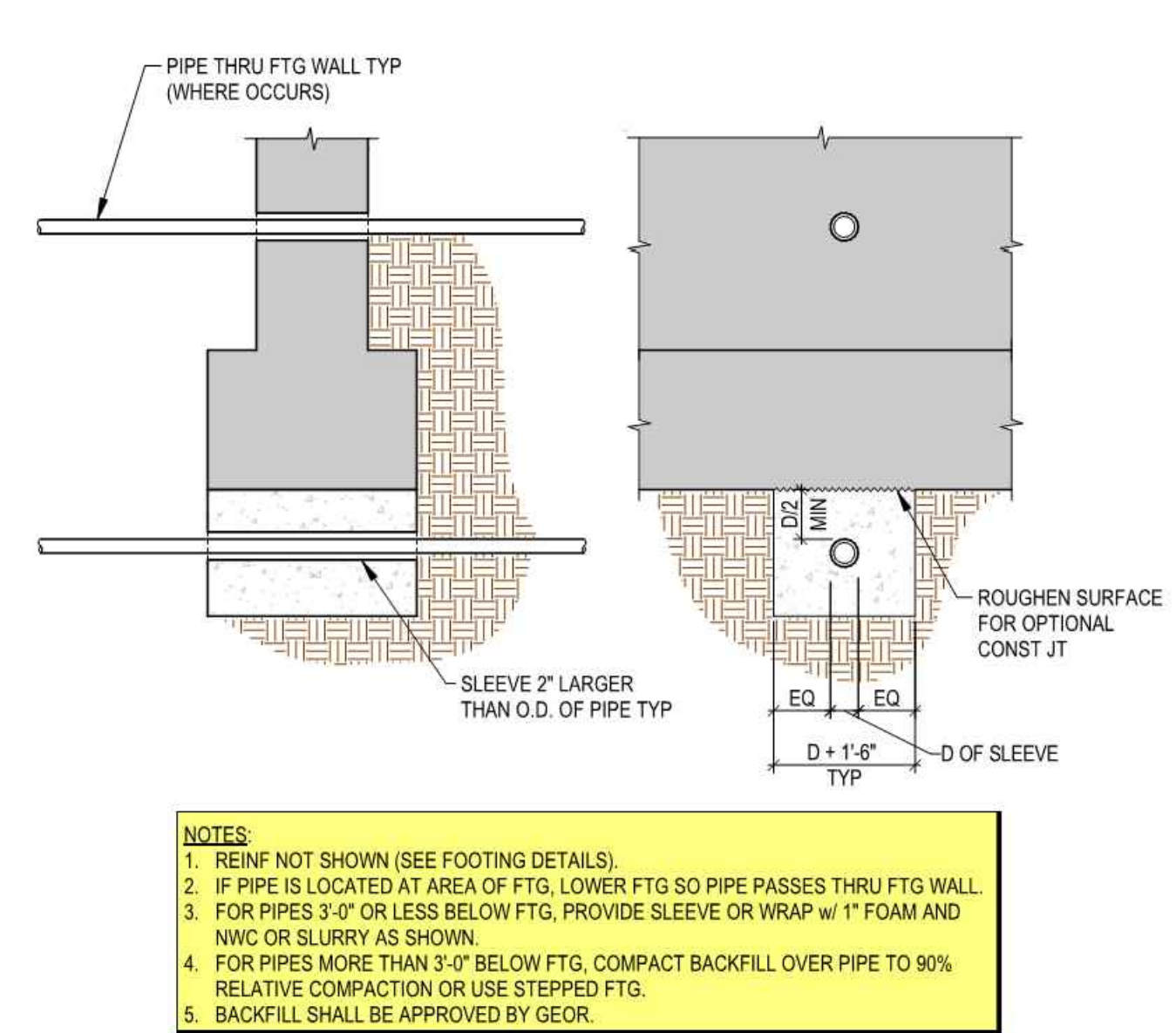
TYPICAL REINFORCEMENT BEND DETAILS
SCALE: NONE (2)



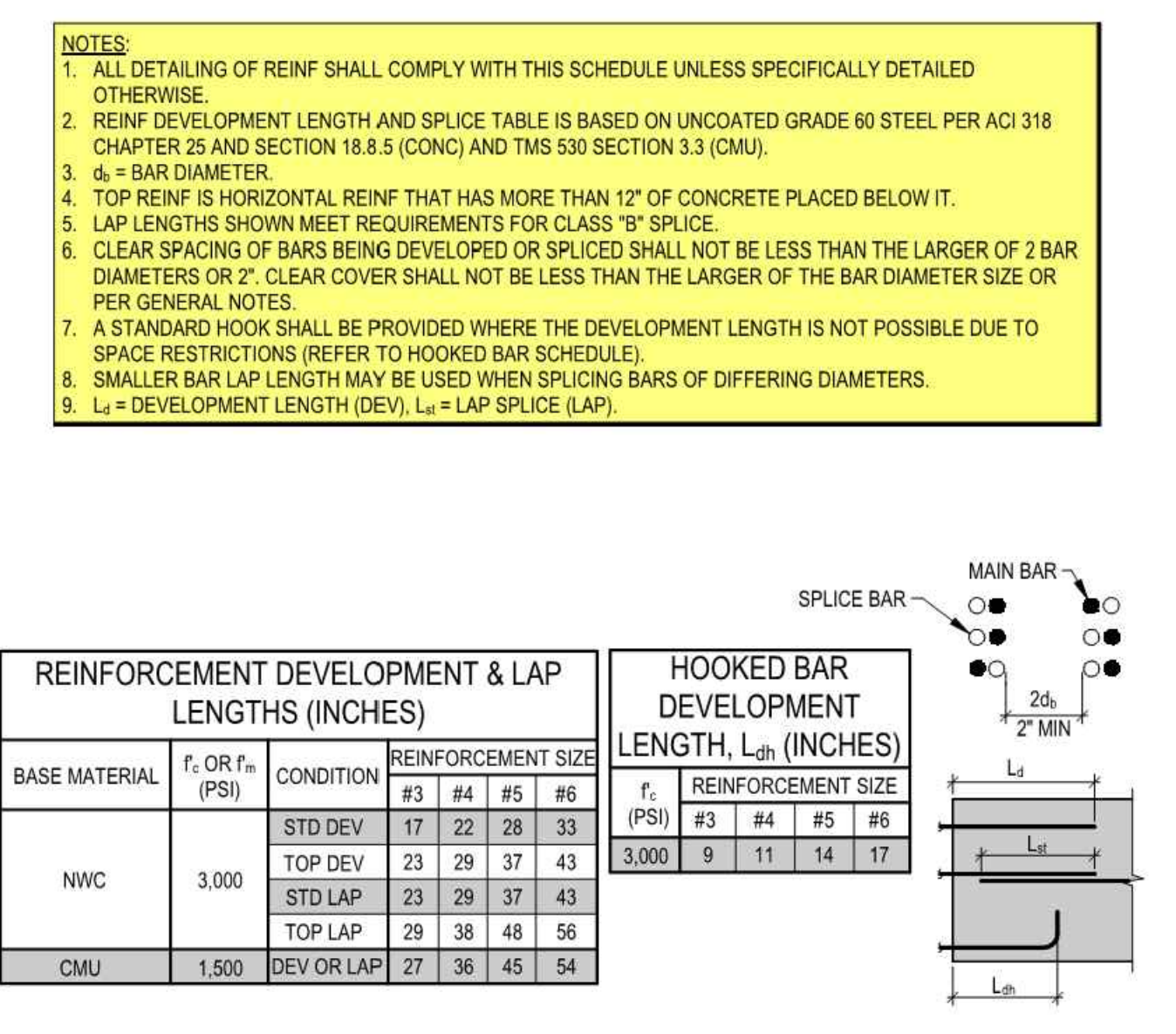
TYPICAL STEPPED CONTINUOUS FOOTING
SCALE: NONE (10)



TYPICAL CONTINUOUS FOOTING CONSTRUCTION JOINT
SCALE: NONE (7)



TYPICAL PIPES PERPENDICULAR TO FOOTING
SCALE: NONE (4)



TYPICAL DEVELOPMENT & LAP LENGTHS
SCALE: NONE (1)

REVISIONS:
DATE: 09/30/2025
BY: JMB/BSA
EXECUTED DATE

REVISIONS:
DATE: 09/30/2025
BY: JMB/BSA
EXECUTED DATE

IN ACCORDANCE WITH RESOLUTION No. 19-6, AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, CALIFORNIA, HEREBY DELEGATES TO THE CITY ENGINEER, AND ASSISTANT CITY ENGINEERS, THE DUTY OF PREPARING, REVIEWING, AND APPROVING THE CONSTRUCTION OF IMPROVEMENTS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF IMPROVEMENTS TO THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO, THE CITY OF SANTA CLARITA, CALIFORNIA, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



SPiRE
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26467 Rancho Parkway South, Suite 100
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JOB#: 24PAC01
ENG. AGB

PREPARED BY: ALEXANDROS BLETSOS
PROJECT ENGINEER
R.S.E. NO. 55659
EXP: 09/30/2025

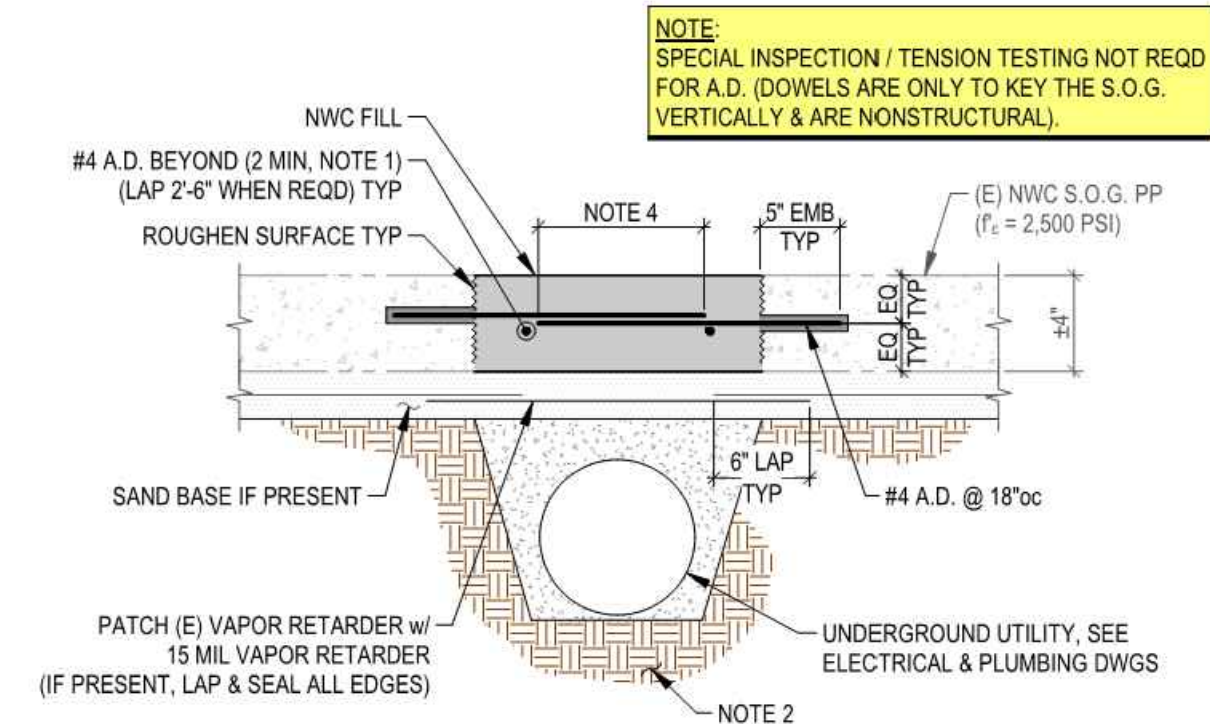
DRAWN BY: AS-SHOWN
DESIGNED BY: AGB
CHECKED BY: AGB

SCALE: AS SHOWN
DATE: 02/17/2020

TITLE: DETAILS

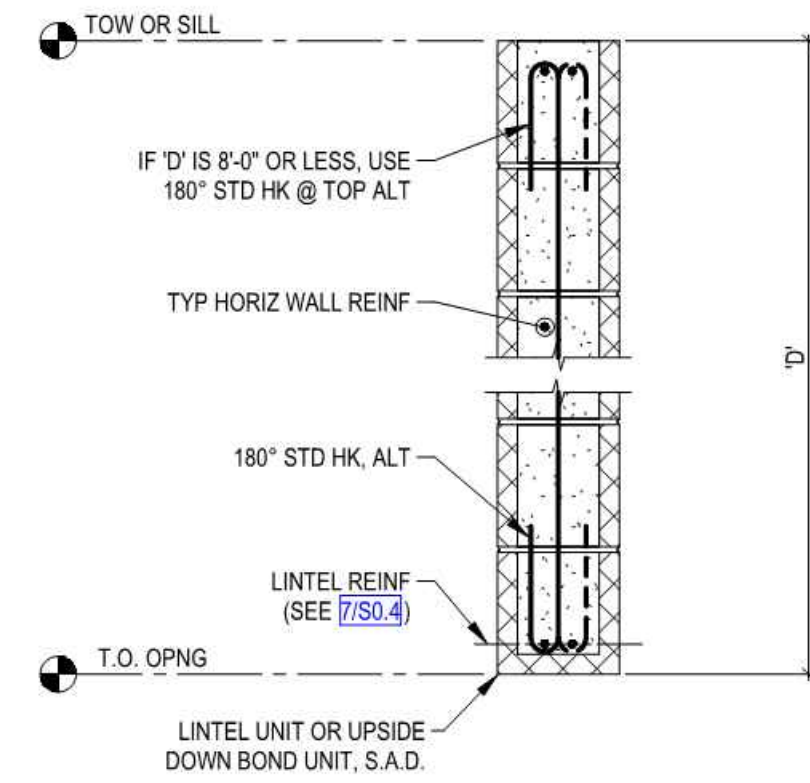
NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS
SANTA CLARITA, CA

SHEET: S0.3
23 OF 61 SHEETS
JOB NO. C258

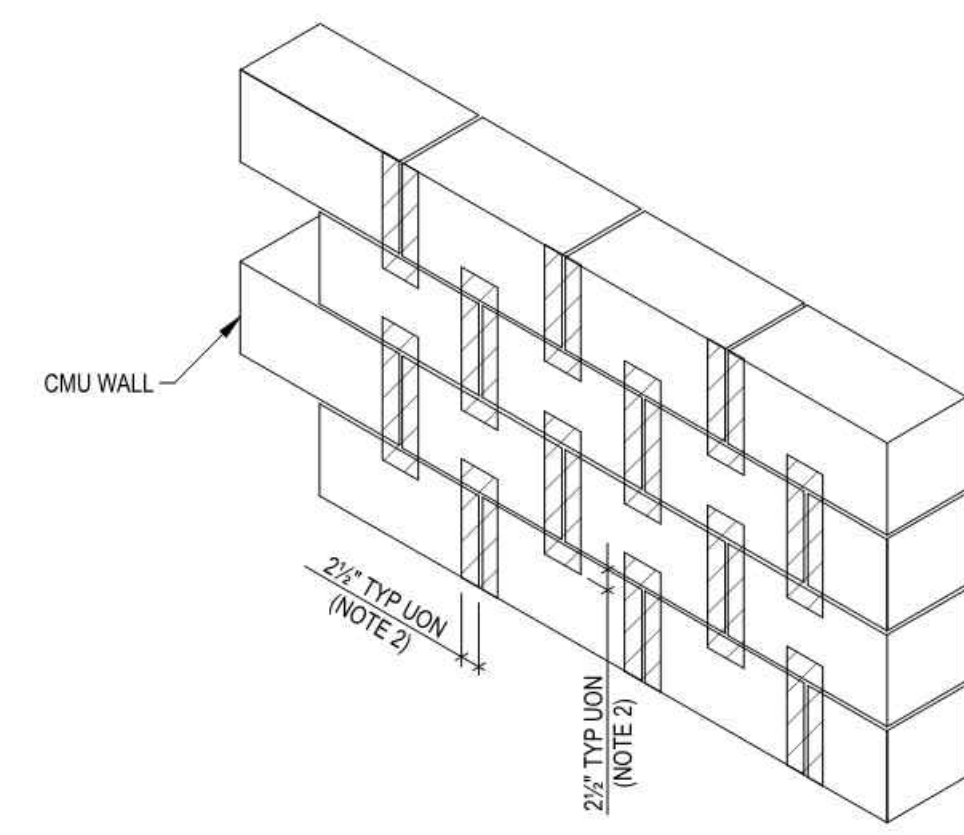


- NOTES:**
1. REPLACE w/ THK TO MATCH (E) S.O.G. (4" MIN) w/ #4 TO MATCH (E) SPACING EW (MAX SPACING = 18" OC EW) AT CENTER OF SLAB or COMPACTED SUBBASE.
 2. MECHANICALLY COMPACT BACKFILL & DISTURBED SOIL TO A MINIMUM OF 90% RELATIVE COMPACTION PER ASTM D1557.
 3. 3/4" PEA GRAVEL MAY BE SUBSTITUTED FOR AGGREGATE.
 4. 2'-6" LAP, WHERE LAP LENGTH IS NOT POSSIBLE DUE TO SPACE RESTRICTIONS PROVIDE A STANDARD HOOK (TAIL MAY BE ORIENTED HORIZ).
 5. QUIKRETE 5000 CONC MIX (PRODUCT No. 1007, f_c = 3,000 PSI MIN) OR SIMILAR BAGGED MIX MAY BE USED w/ CONTINUOUS SPECIAL INSPECTION DURING MIXING (PROVIDE SUBMITTAL).

TYPICAL S.O.G. REPAIR SCALE: NONE 12

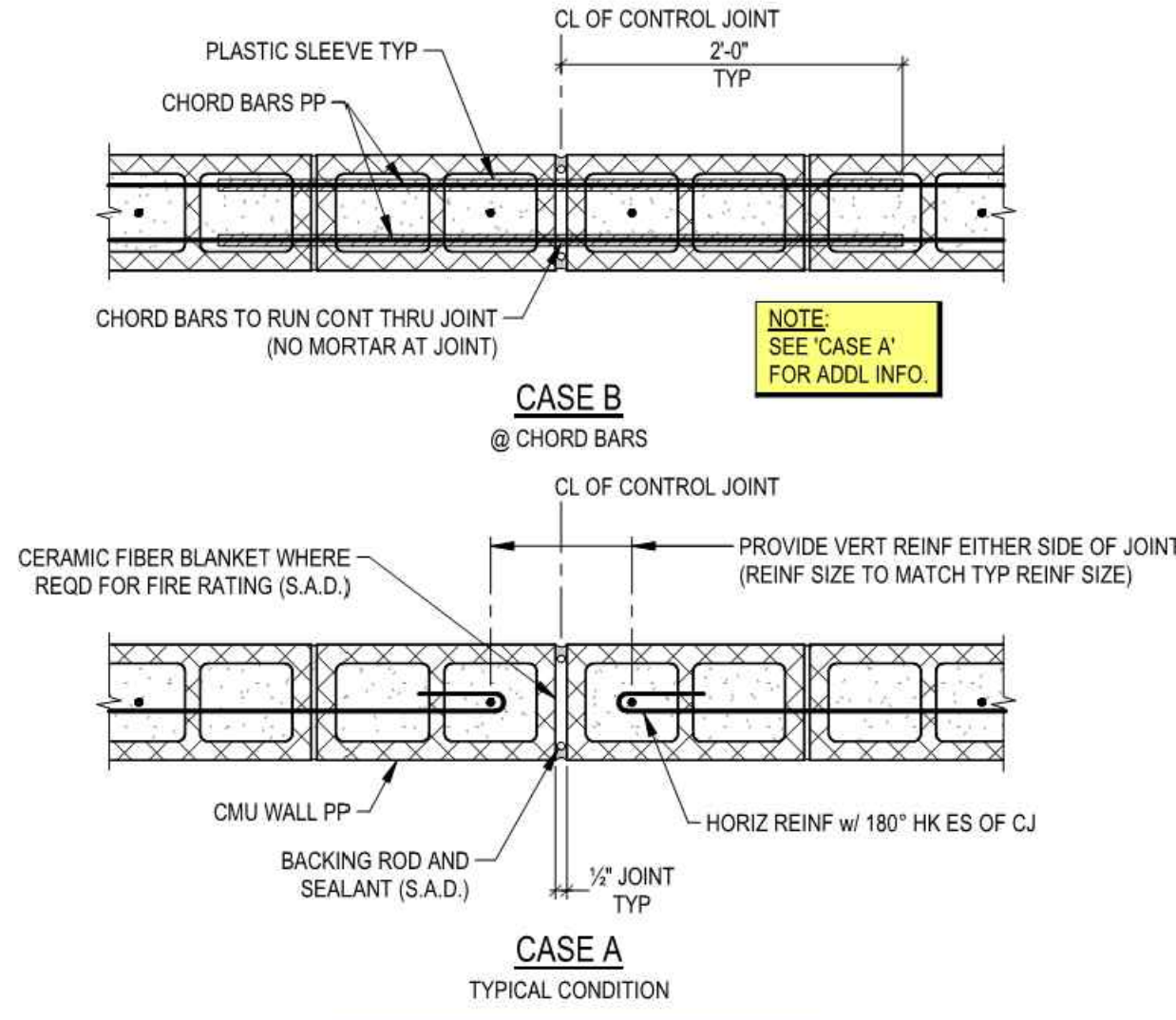


TYPICAL CMU LINTEL SCALE: NONE 9



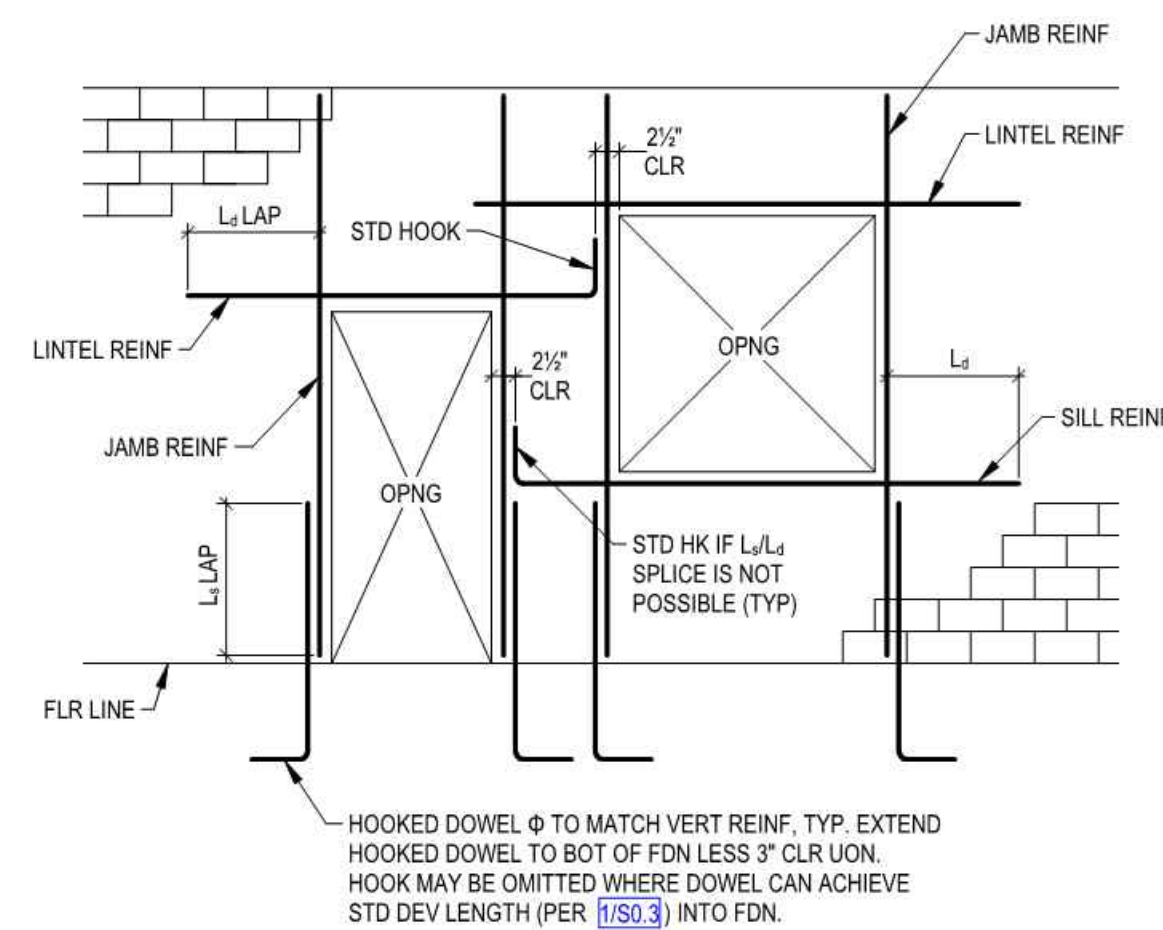
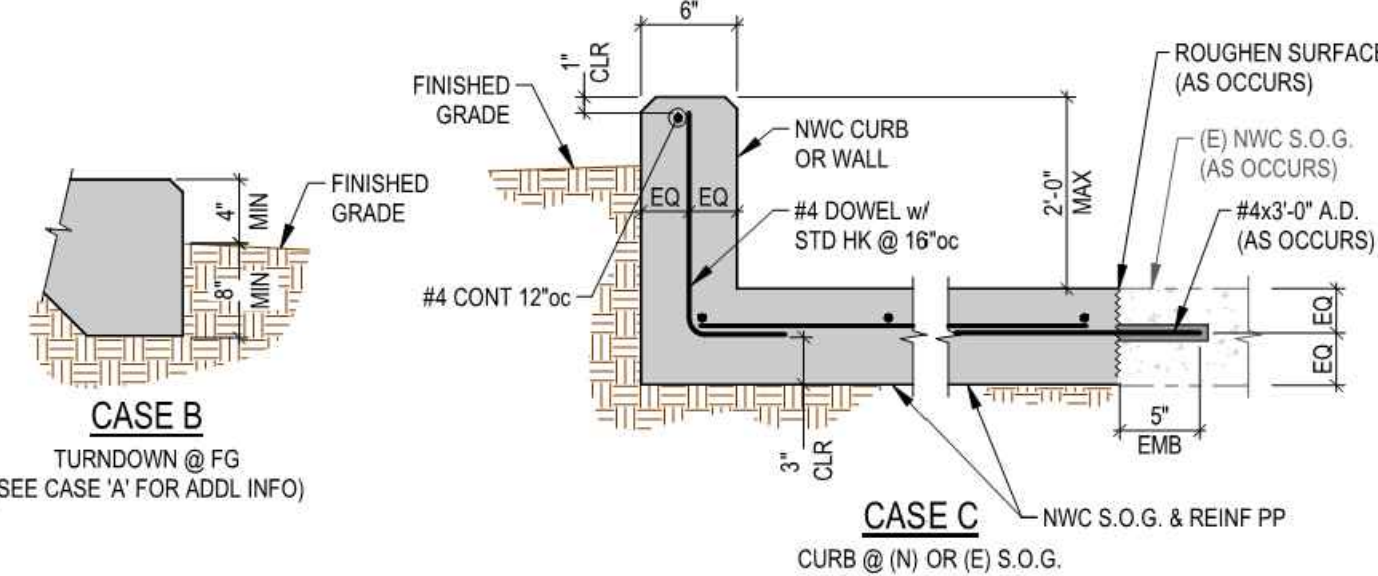
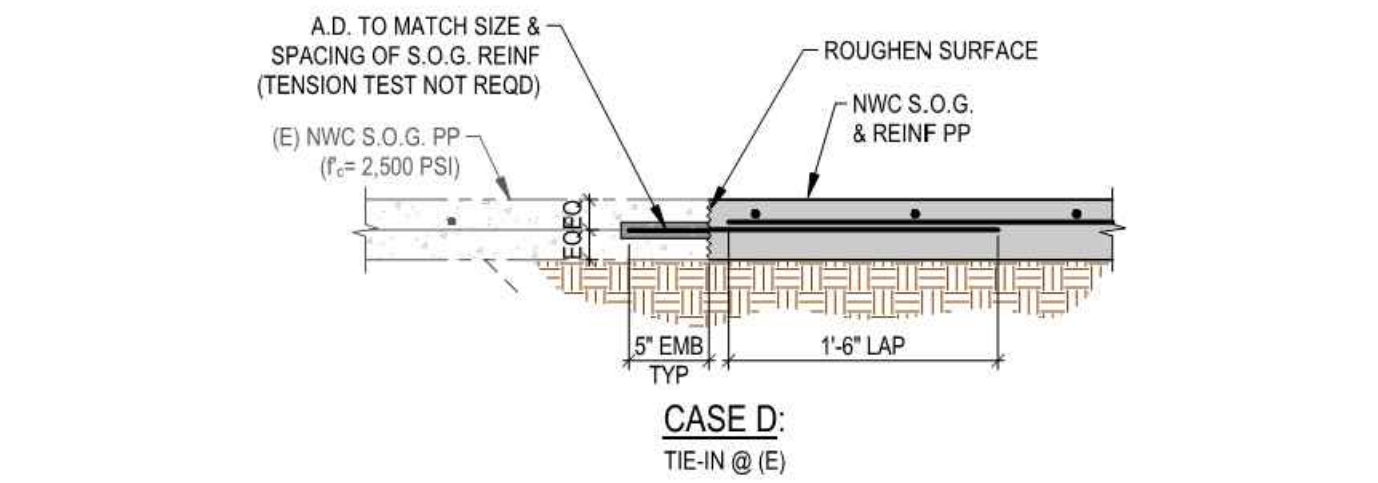
- NOTES:**
1. INSTALLATION OF EXPANSION ANCHORS SHALL NOT OCCUR IN THE SHADED AREAS.
 2. 3" FOR 1/2" Ø E.A. w/ 4 1/2" EMB.

TYPICAL CMU EXPANSION ANCHOR RESTRICTED AREA SCALE: NONE 6

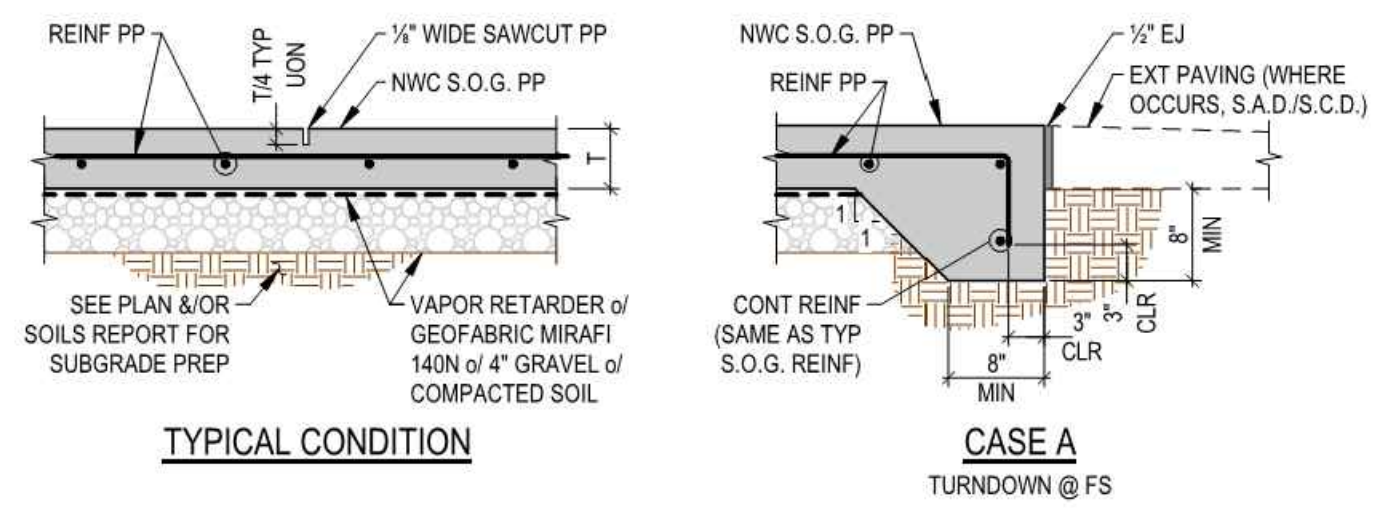


- NOTES:**
1. SEE PLAN FOR CONTROL JOINT LOCATIONS.
 2. ALL CELLS SHALL BE GROUTED SOLID.

TYPICAL CMU CONTROL JOINT SCALE: NONE 3

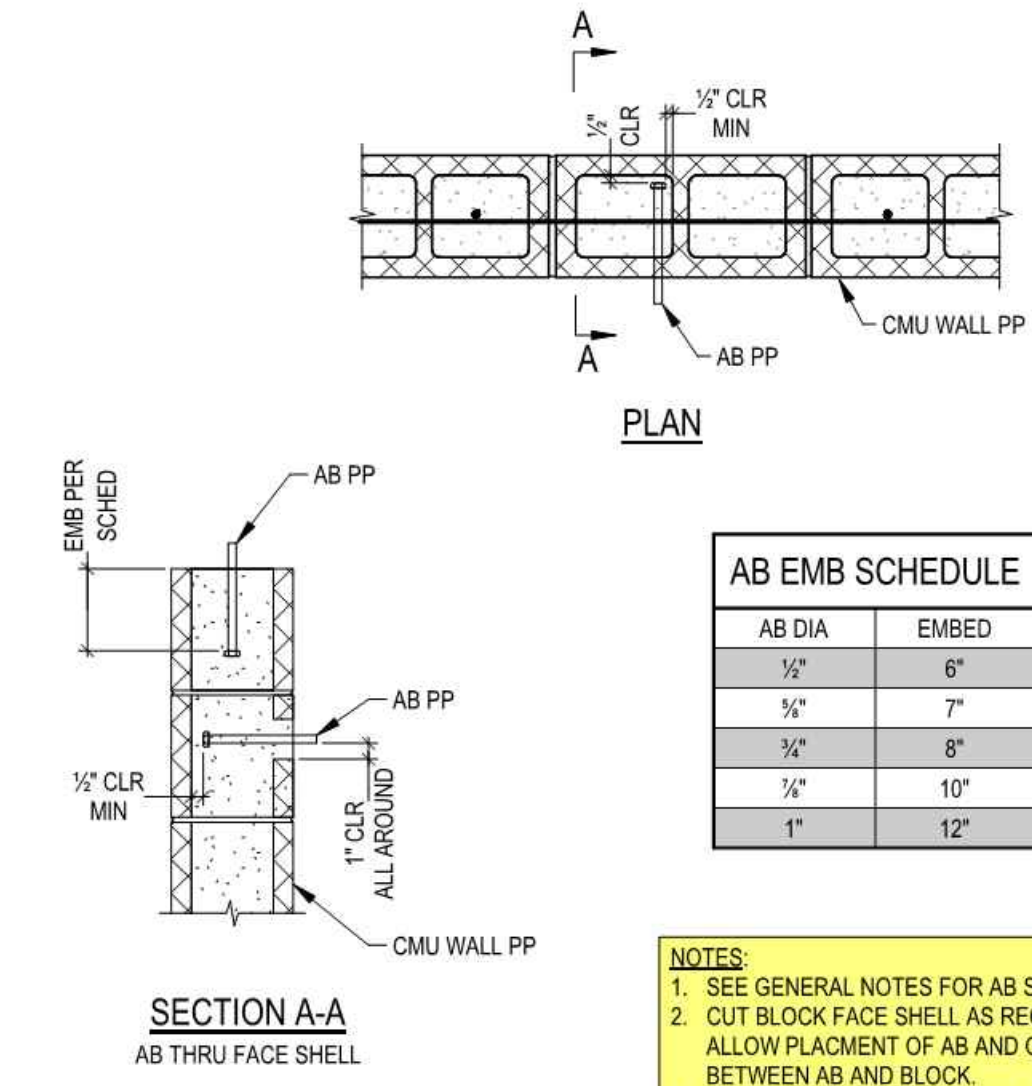


JAMB/LINTEL REINFORCING SCHEDULE			
NOMINAL WALL THICKNESS	JAMB REINF	LINTEL REINF	SILL REINF
8"	#5	2-#5	2-#5



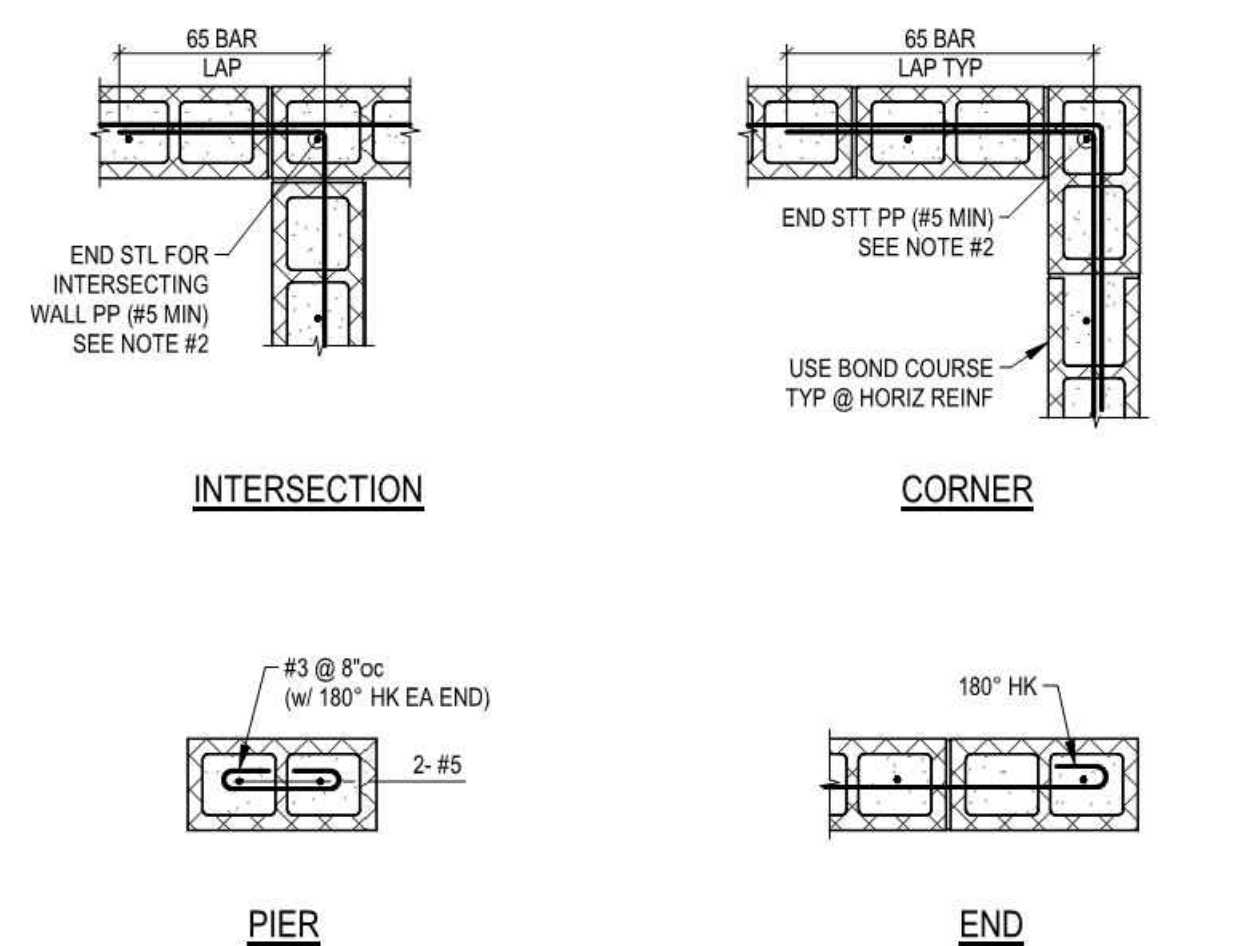
- NOTES:**
1. T = S.O.G. THK PP.
 2. SEE PLANS FOR APPROXIMATE LOCATIONS OF CONTROL JOINTS.
 3. CONTROL JOINT SHALL BE A MAX OF 15'-0" APART EA WAY.
 4. PROVIDE SAWCUT WITHIN 12 HOURS OF POUR.
 5. FILL JOINTS WITH SEALANT IF REQUIRED (S.A.D.).
 6. PROVIDE 90% COMPACTION BELOW S.O.G. PER ASTM D1557.

TYPICAL S.O.G. DETAILS SCALE: NONE 10



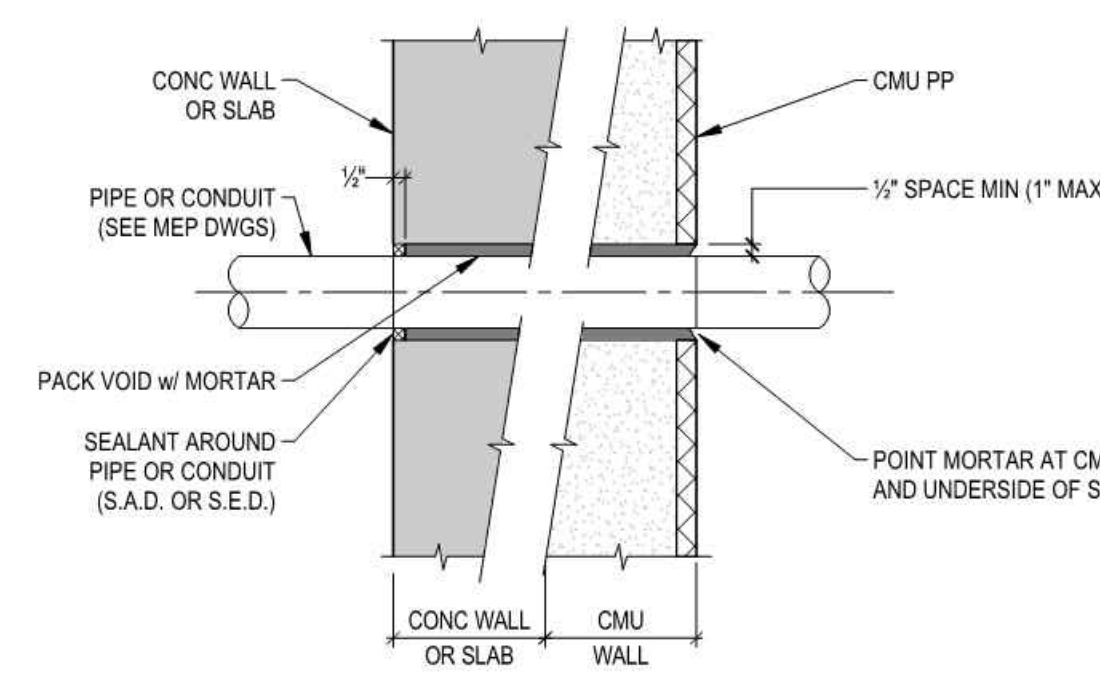
- NOTES:**
1. SEE GENERAL NOTES FOR AB SPECS.
 2. CUT BLOCK FACE SHELL AS REQD TO ALLOW PLACEMENT OF AB AND GROUT BETWEEN AB AND BLOCK.
 3. ALL CELLS SHALL BE GROUTED SOLID.

TYPICAL EMBEDDED BOLTS IN CMU SCALE: NONE 5



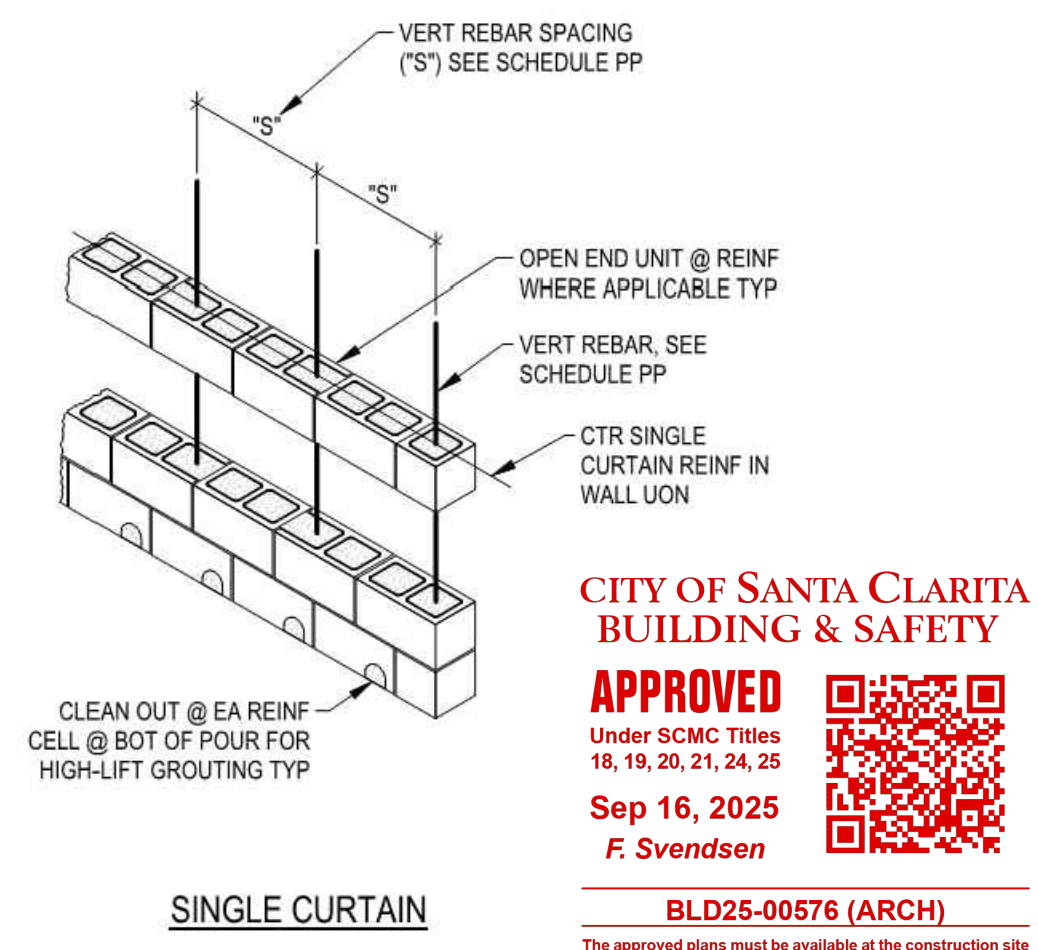
- NOTES:**
1. REBAR SIZES SHOWN ARE MINIMUMS, SEE GENERAL NOTES, PLANS & SCHEDULES FOR FURTHER REQUIREMENTS.
 2. WHERE END STL IS GREATER THAN 2-#5 BARS, IT MAY BE PLACED AS 1 VERT BAR PER CELL BEGINNING WITH END CELL.

TYPICAL CMU WALL INTERSECTIONS SCALE: NONE 2



- NOTES:**
1. 6" SLEEVES AND SMALLER SHALL BE EITHER SCHED 40 STEEL PIPE OR SCHED 60 PVC PIPE.
 2. 8" SLEEVES AND LARGER SHALL BE STEEL PIPE WITH 1/2" MIN THICKNESS.
 3. STEEL PIPE SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
 4. SLEEVE MAY BE OMITTED IF HOLE IS CORE DRILLED. CORE DRILLING IS SUBJECT TO APPROVAL OF SEOR.
 5. DO NOT CUT EXIST REINF. PERFORM PACHOMETER OR OTHER SURVEY TO LOCATE REINF PRIOR TO CUTTING OR CORING.

TYPICAL SLEEVE INSTALLATION THRU CMU WALL SCALE: NONE 4



- NOTES:**
1. 'S' = SPACING OF VERT REINF. SEE SCHED.
 2. CONCAVE JOINTS TYPICAL UON.

TYPICAL CMU ISOMETRIC SCALE: NONE 1

REVISION:	09/30/2025	EXECUTOR DATE
DATE:	10/14/2024	EXECUTOR
PREPARED BY:	BTM	DATE:
DATE:	09/30/2025	EXECUTOR DATE
PREPARED BY:	AGB	EXECUTOR

IN ACCORDANCE WITH RESOLUTION No. 19-6, AS A RESOLUTION OF THE CITY COUNCIL OF THE COUNTY OF SANTA CLARITA, CALIFORNIA, THE CITY ENGINEER, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO, THE PROJECT, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



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STRUCTURAL ENGINEERING
26461 Rancho Parkway South Lake
Forest, CA 92630
www.spirestructures.com
JOB# 24PAC01
ENG. AGB

PREPARED BY: ALEXANDROS BLETSOS
PROJECT ENGINEER
R.S.E. NO. S5659
EXP. 09/30/2025
DRAWN BY: BTM
SCALE: AS SHOWN
DESIGNED BY: AGB
CHECKED BY: AGB
DATE: 02/17/2020

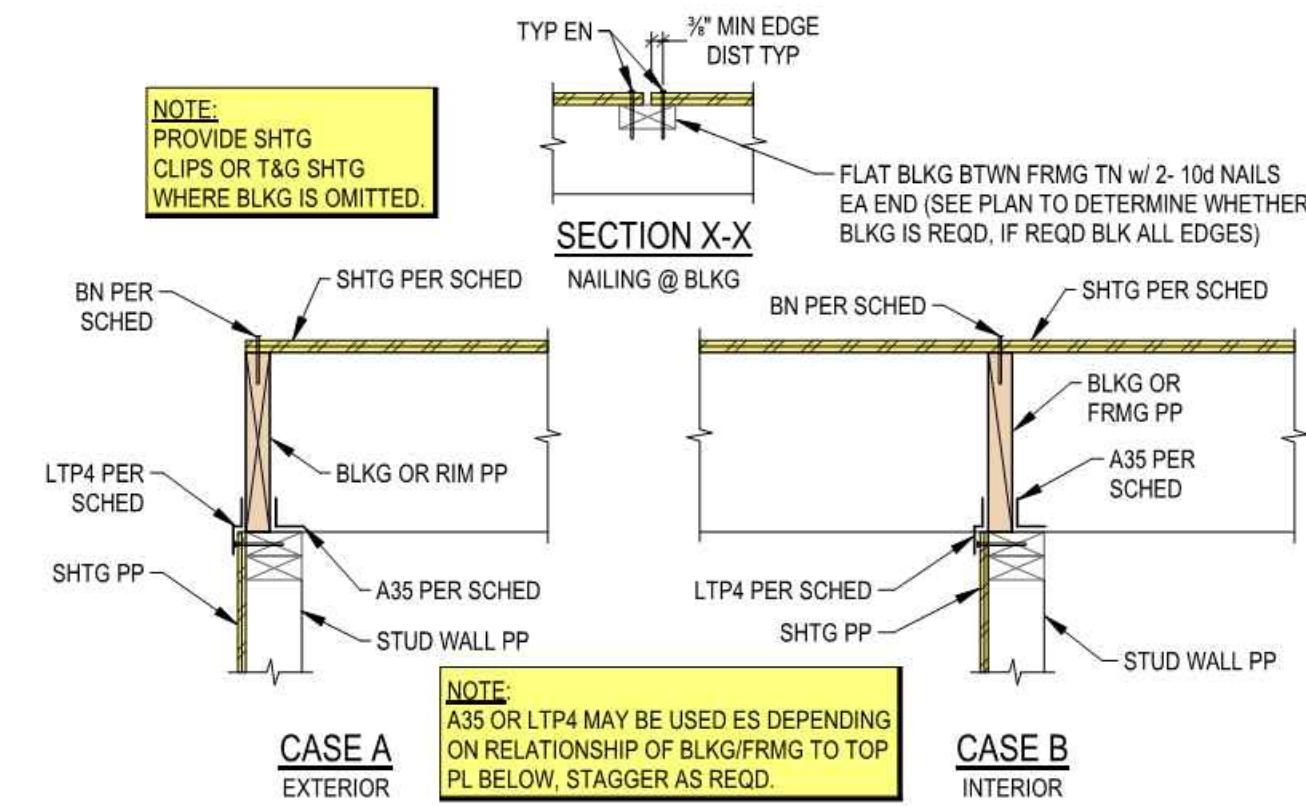
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NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS
SANTA CLARITA
CA

SHEET 24 OF 61 SHEETS
JOB NO. C258

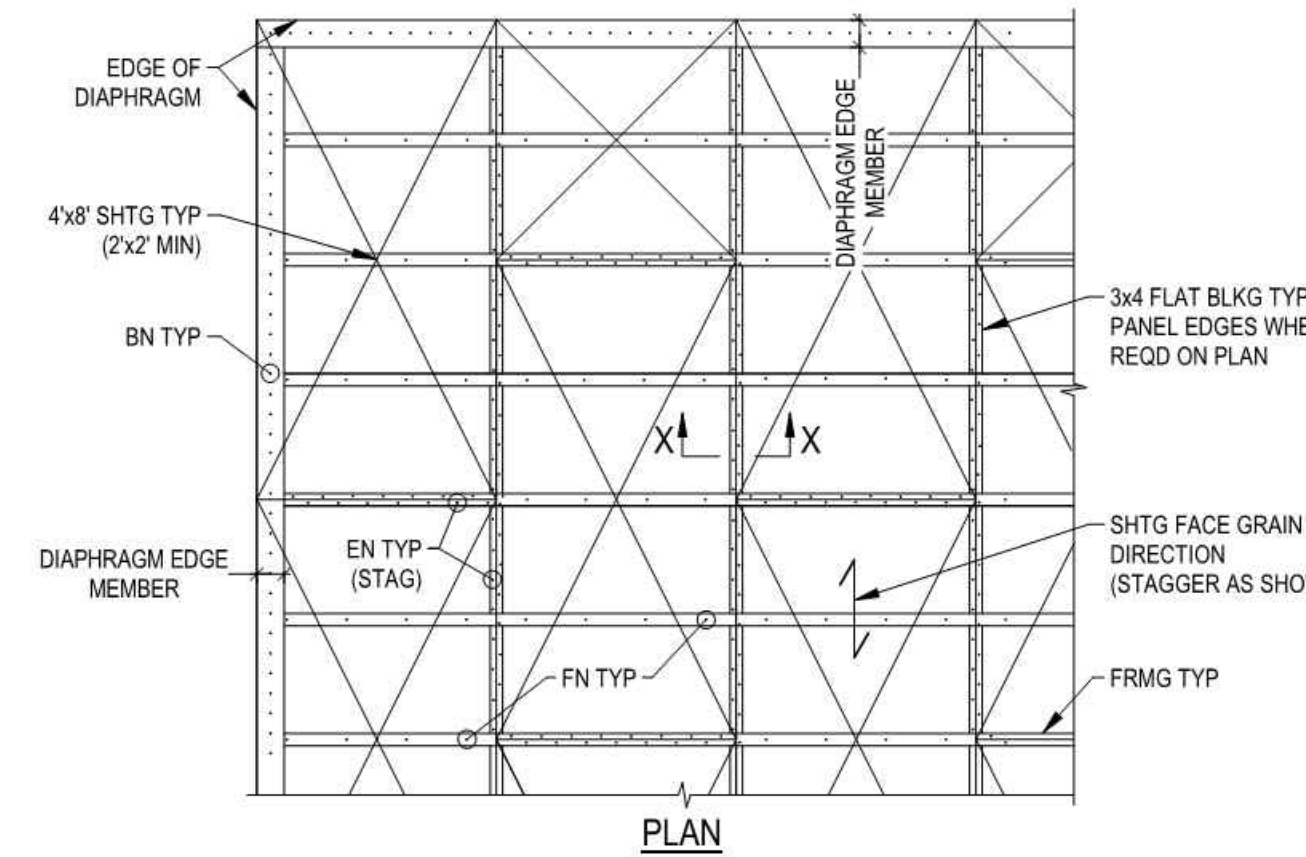


BLD25-00576 (ARCH)
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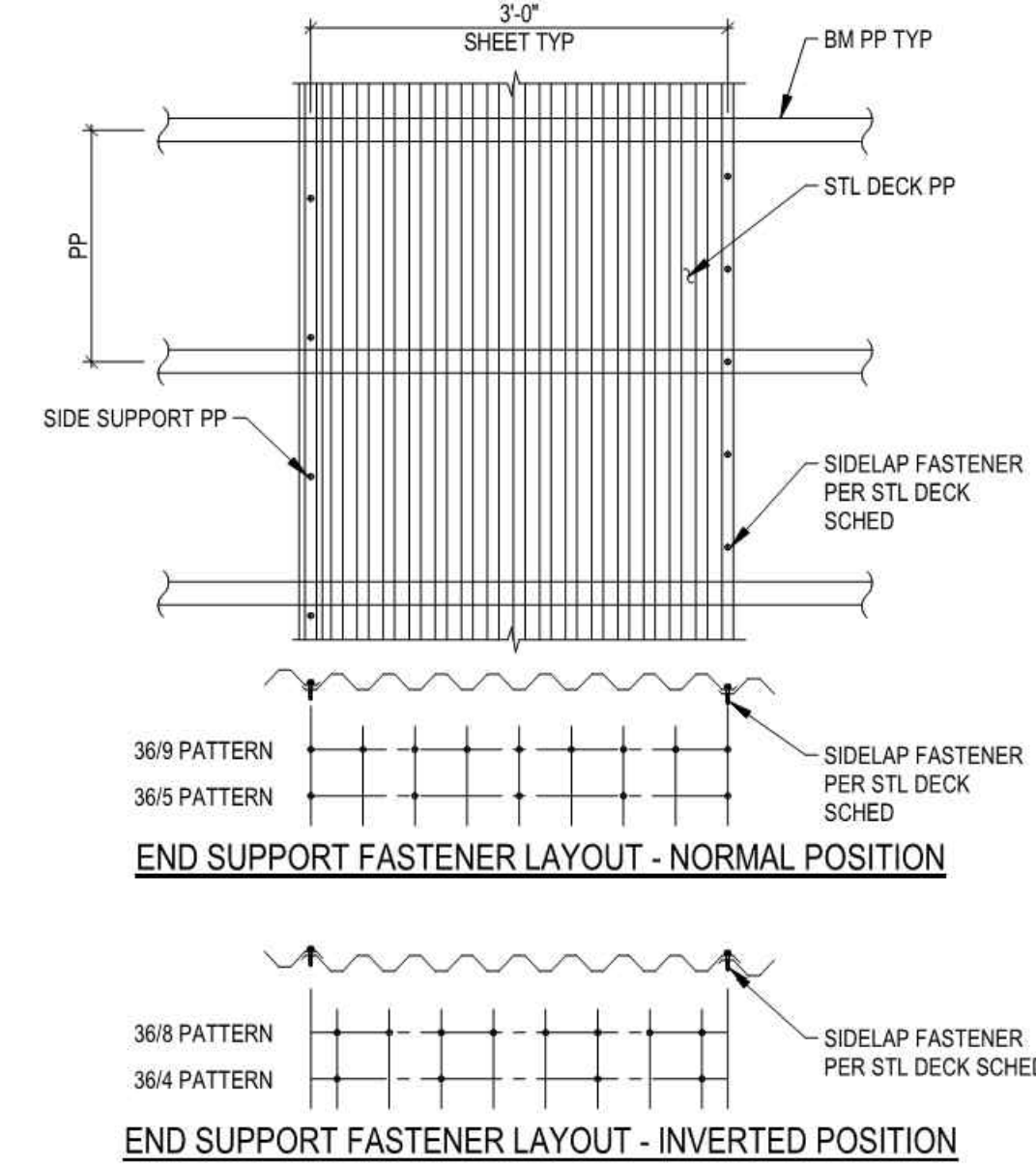


DIAPHRAGM SCHEDULE						
TYPE	SHGT	BLKD	NAILING	SHEAR TRANSFER CLIPS		CAPACITY, PLF
				A35	LTP4	
1	1/2" CDX	NO	10d @ 6/12	16"oc	24"oc	265* 190*
2	1/2" CDX	YES	10d @ 6/12	16"oc	24"oc	405 290
3	1/2" STRUCT 1	YES	10d @ 4/6/12	12"oc	16"oc	595 425
4	1/2" STRUCT 1	YES	10d @ 2/4/12	6"oc	10"oc	895 640
5	1/2" STRUCT 1	YES	10d @ 2/3/12	6"oc	8"oc	1,025 730

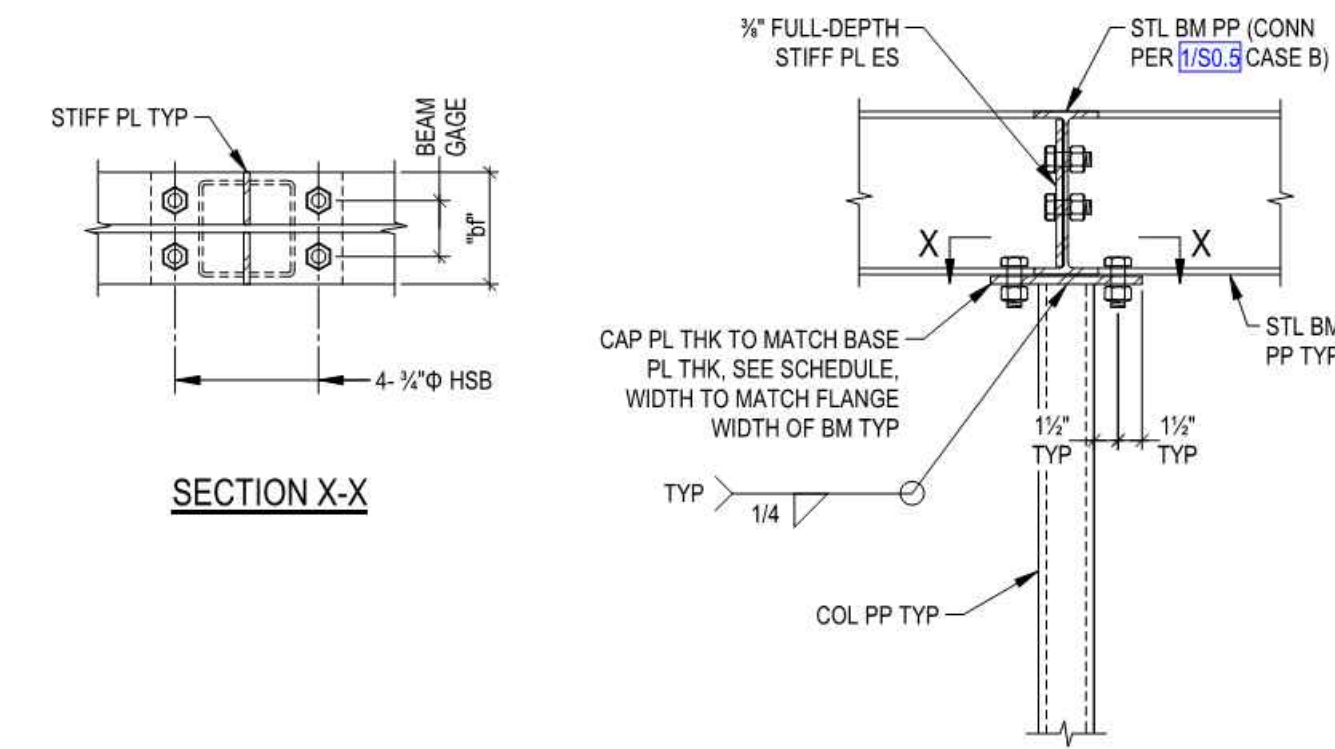
- NOTES:
- ALL NAILS SHALL BE 10d COMMON.
 - FRAMING @ ADJOINING PANEL EDGES SHALL BE 3x MIN & NAILS SHALL STAGGERED WHERE SPACED 3"oc OR LESS.
 - UNBLOCKED DIAPHRAGM NAILING: 10d @ EN/FN. EN = NAIL SPACING @ BOUNDARIES & CONT PANEL EDGES. FN = NAIL SPACING @ FIELD OF SHGT.
 - BLOCKED DIAPHRAGM NAILING: 10d @ BN/EN/FN. BN = NAIL SPACING @ BOUNDARIES & CONT PANEL EDGES. EN = NAIL SPACING @ OTHER PANEL EDGES. FN = NAIL SPACING @ FIELD OF SHGT.
 - SHEAR TRANSFER CLIPS SHALL BE INSTALLED CONT ALONG ALL SHEARWALL LINES IN ACCORDANCE WITH SCHEDULE ABOVE.
 - EITHER A35 OR LTP4 MAY BE USED FOR SHEAR TRANSFER PER SCHED AT CONTRACTOR'S OPTION.
 - A35 AND/OR LTP4 ARE REQD @ BOTH SIDES OF BLKG AT INTERIOR WALL LINES. STAGGER AS REQD.
 - CAPACITIES ARE BASED ON THE 2021 SPECIAL DESIGN PROVISIONS FOR WIND & SEISMIC (SDPWS), TABLES 4.2A (BLOCKED) & 4.2C (UNBLOCKED) DIVIDED BY 2.0 (WIND) & 2.8 (SEISMIC).
 - * VALUES MAY BE INCREASED TO 360 PLF (WIND) & 255 PLF (SEISMIC) FOR CASE 1 (LOAD PERP TO LONG SIDE OF STAGGERED SHGT).



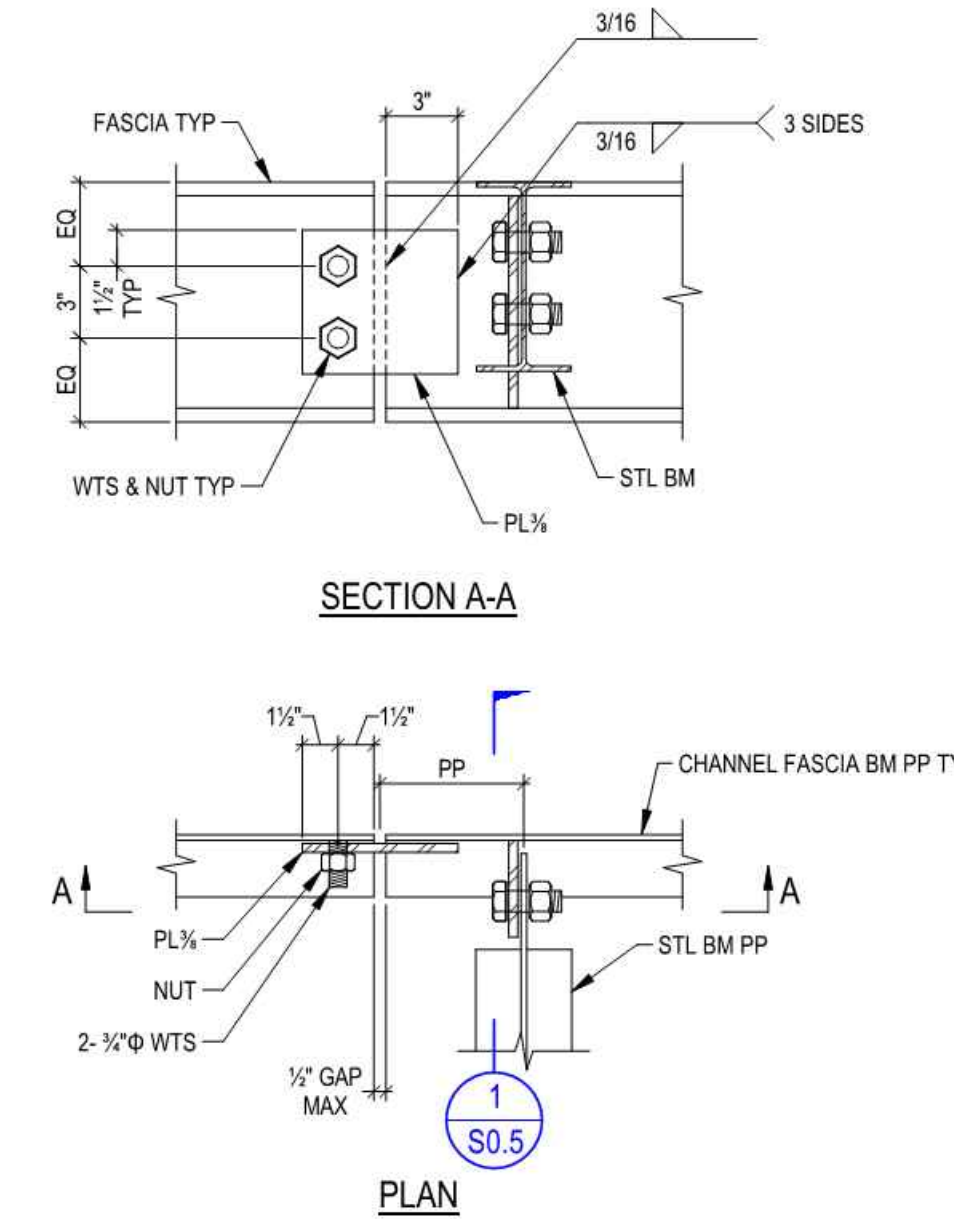
TYPICAL WOOD DIAPHRAGM
SCALE: NONE 8



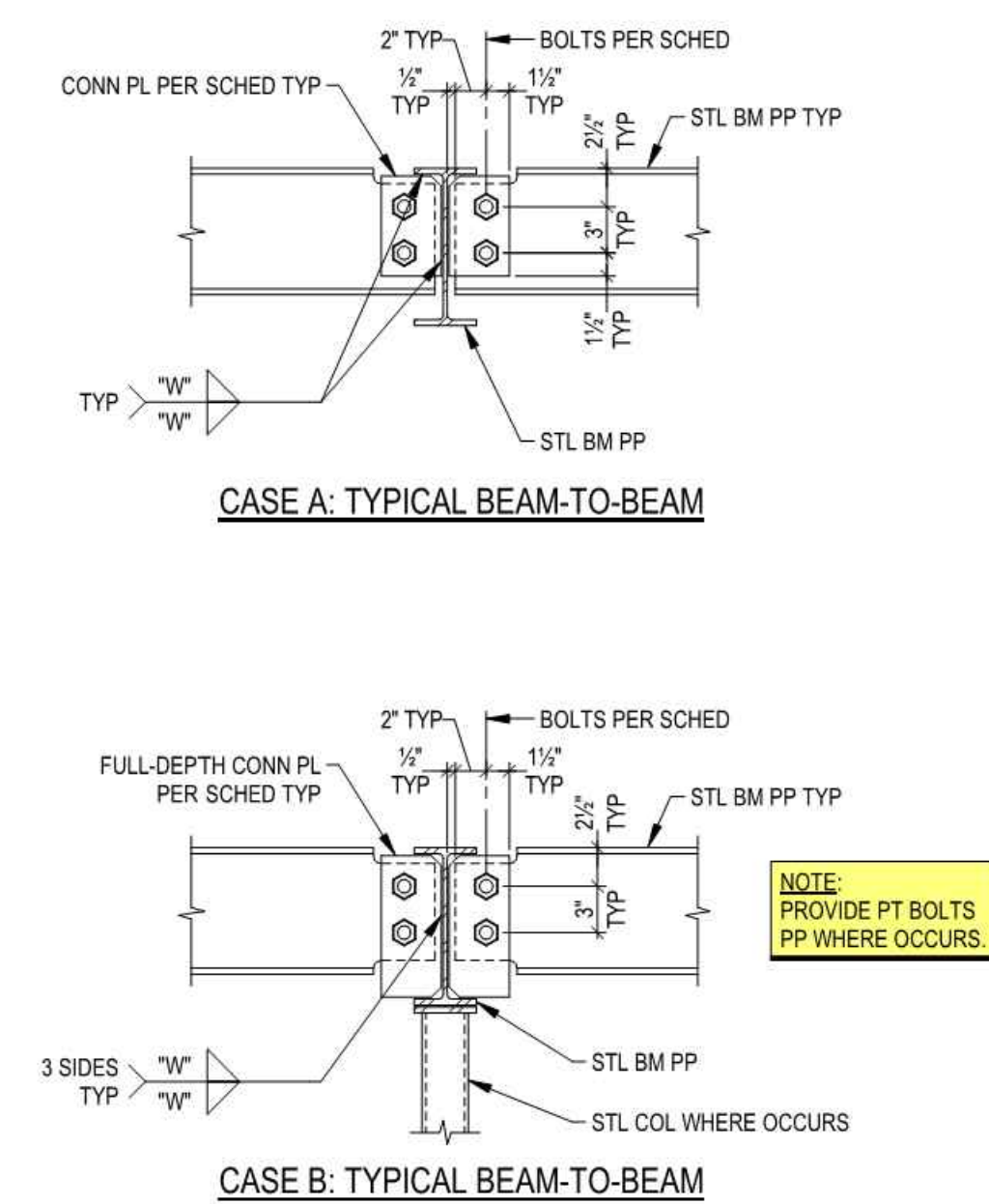
TYPICAL STEEL DECK ATTACHMENT (NON-COMPOSITE)
SCALE: NONE 6



TYPICAL STEEL BEAM TO PIPE COLUMN CONNECTION
SCALE: NONE 3



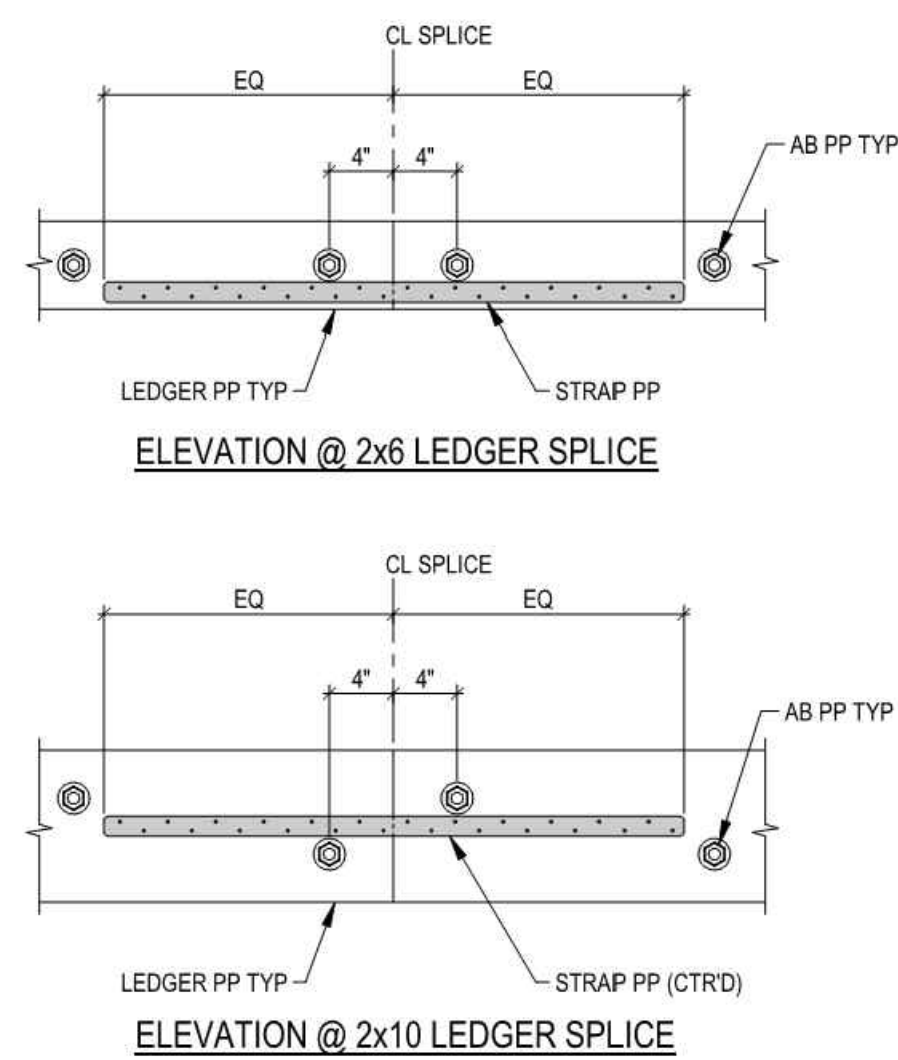
TYPICAL FASCIA BEAM SPLICE
SCALE: NONE 5



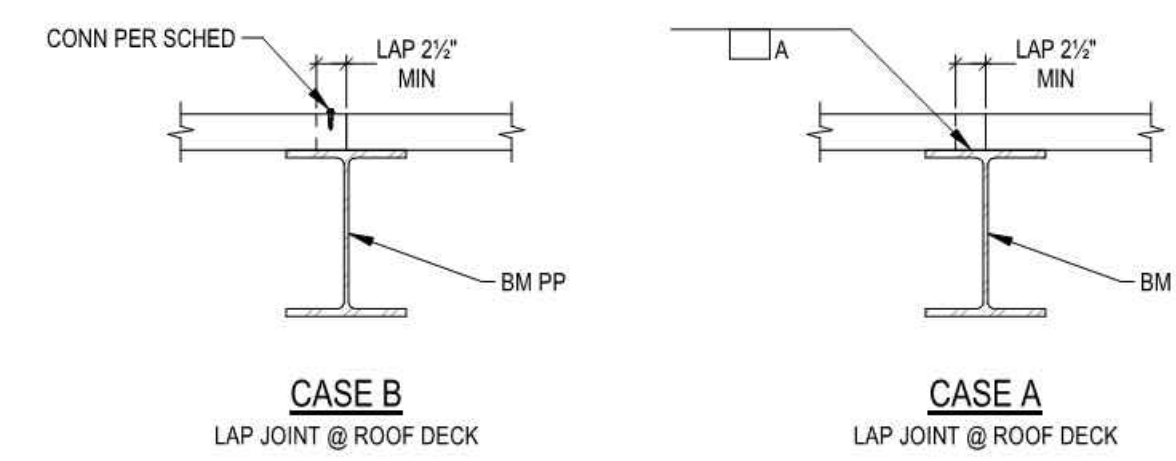
TYPICAL BOLTED BEAM CONNECTIONS
SCALE: NONE 1

BEAM CONNECTION SCHEDULE			
NOMINAL MEMBER DEPTH	CONN PL THK "t"	WELD SIZE "w"	NUMBER BOLTS
8" & 10"	3/8"	1/4"	2

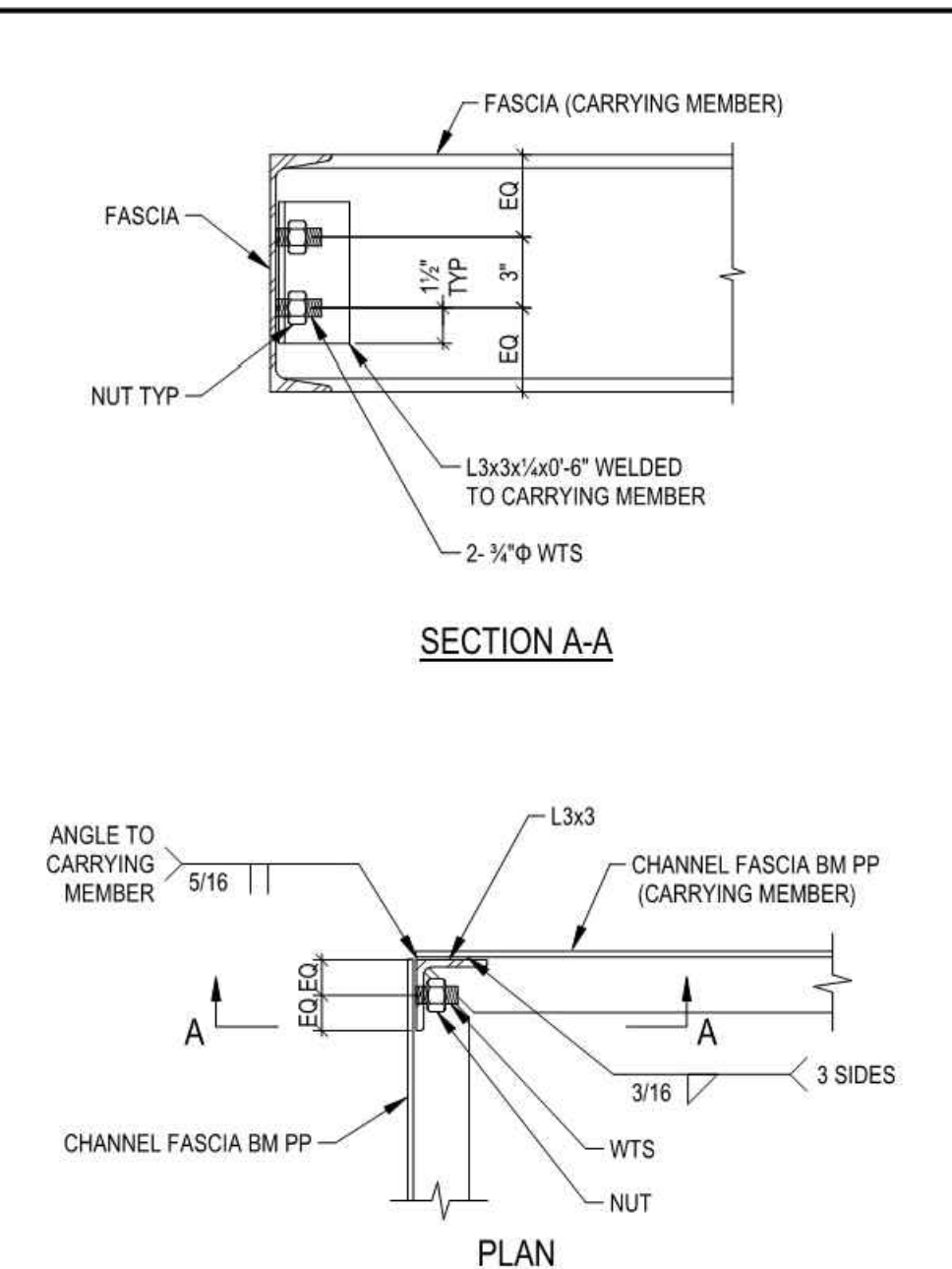
- NOTES:
- ALL BOLTS ARE 1/2" Ø ASTM A325N.
 - BOLT HOLES TO BE STANDARD HOLES 1/16" GREATER THAN BOLT DIAMETER.
 - BOLTS TO BE SNUG-TIGHTENED, UON.



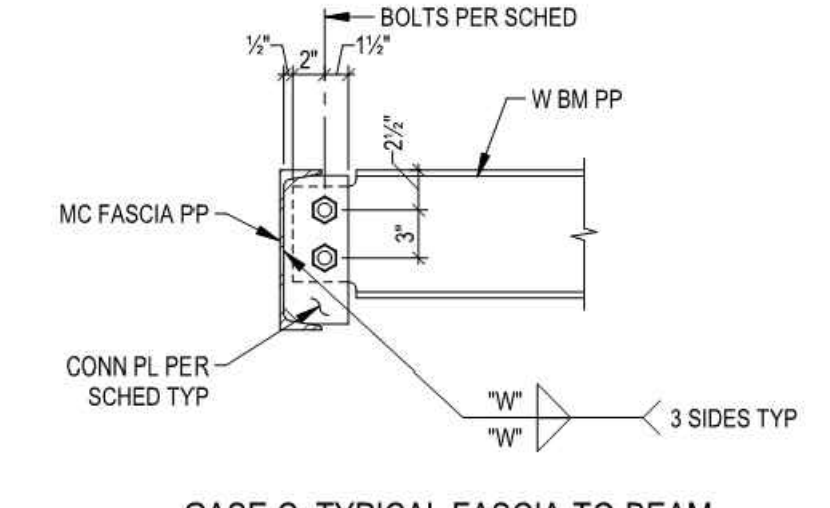
TYPICAL LEDGER
SCALE: NONE 10



TYPICAL STEEL END JOINT CONNECTIONS
SCALE: NONE 7



TYPICAL FASCIA CORNER CONNECTION
SCALE: NONE 4



TYPICAL BOLTED BEAM CONNECTIONS
SCALE: NONE 1

REVISIONS:
DATE: 09/30/2025
BY: [Signature]
DESCRIPTION: [Blank]
DATE: 09/30/2025
BY: [Signature]
DESCRIPTION: [Blank]

IN ACCORDANCE WITH RESOLUTION No. 19-6, AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, CALIFORNIA, AUTHORITY IS GRANTED TO THE DIRECTOR OF PUBLIC UTILITIES, ENGINEER, ARCHITECT, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING UTILITY LINES AND STRUCTURES, AND TO SIGN AND SEAL SUCH PLANS AND DESIGNS IN ACCORDANCE WITH THE CITY CODE, SECTION 830.6 FOR THE CITY OF SANTA CLARITA. I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO, EXISTING UTILITY LINES AND STRUCTURES, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



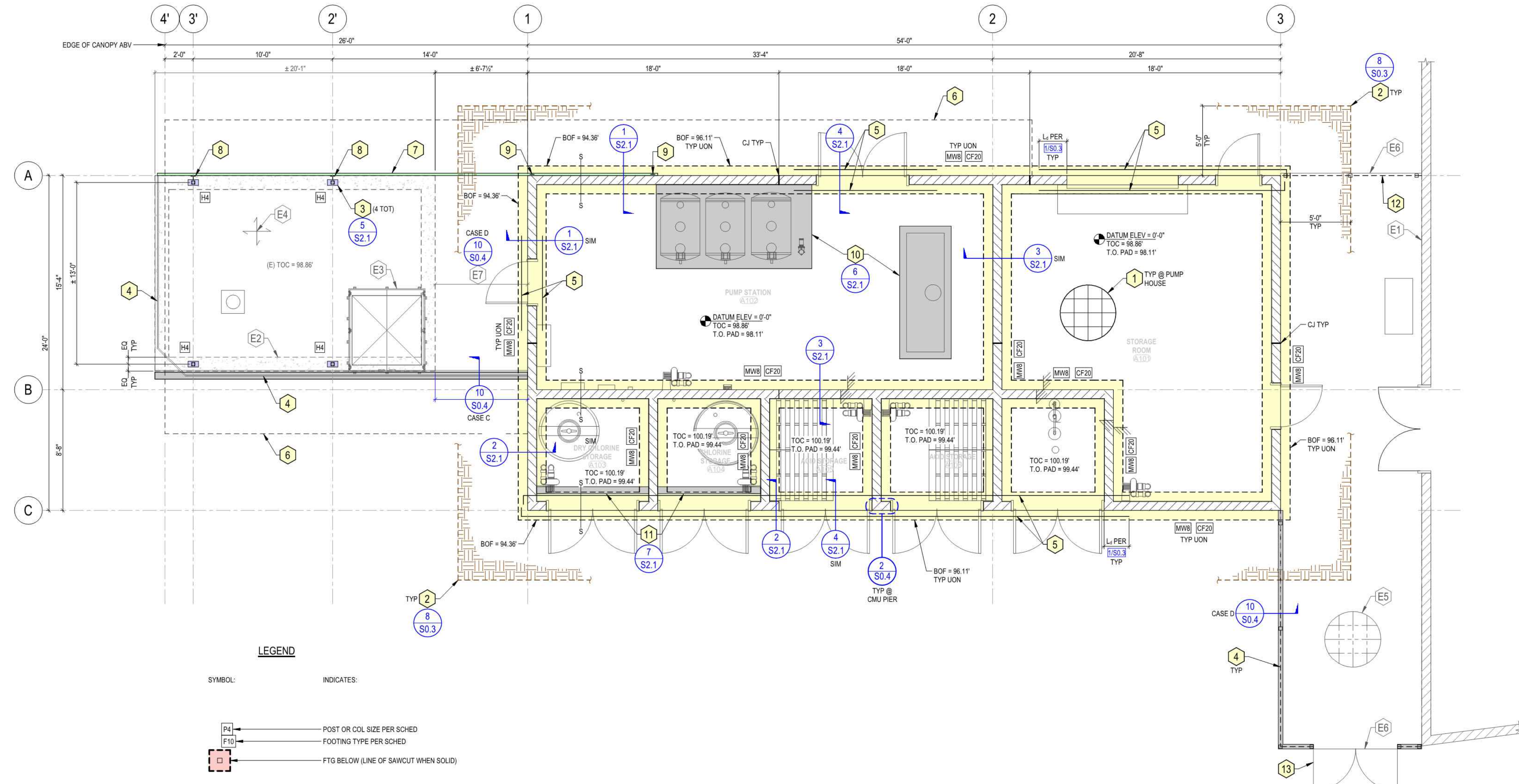
SPiRE ENGINEERING
26461 Rancho Parkway South Lake
Forest, CA 92630
www.spirestructures.com
JOB#: 24PCA01
ENG. AGB

PREPARED BY: ALEXANDROS BLETSOS
PROJECT ENGINEER
R.S.E. NO. S5659
EXP: 09/30/2025
DRAWN BY: AS-SHOWN
DESIGNED BY: AGB
CHECKED BY: AGB
DATE: 02/17/2020

TITLE: DETAILS

NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS
SANTA CLARITA CA

SHEET: S0.5
25 OF 61 SHEETS
JOB NO. C258



LEGEND

- SYMBOL: INDICATES:
- P4 POST OR COL SIZE PER SCHED
 - F10 FOOTING TYPE PER SCHED
 - FTG BELOW (LINE OF SAWCUT WHEN SOLID)
 - FTG OR GRADE BM SIZE PER SCHED
 - CF20 FTG OR GRADE BM
 - TOF ELEVATION CHANGE (STEP FTG) PER 10/S0.3
 - ELEVATION CHANGE (STEP, S.A.D.)
 - EXTENT OF (E) NWC WALL BELOW (SEE PLANS FOR LEVEL BELOW)
 - MW1 WALL TYPE PER MASONRY WALL SCHEDULE
 - CMU WALL
 - CONTROL JOINT PER 8/S0.4

PLAN NOTES:

- GENERAL NOTES: S0.1 & S0.2
- TYPICAL DETAILS: S0.3 THRU S0.9
- FOR FRAMING ABOVE & ADDL INFO: DIST.1
- VERIFY ALL DIMS & LOCATIONS w/ ARCH & EQUIP DWGS.
- S.A.D. & EQUIP DWGS FOR ADDL INFO NOT SHOWN.
- COORD OPNGS WITH ARCH DWGS.
- S.A.D. FOR SLAB DEPRESSIONS, OPNGS, CURBS AND STEPS.
- ALL ELEVS ARE RELATIVE TO ASSUMED DATUM ELEV AS SHOWN ON PLAN (S.A.D. AND/OR CIVIL DWGS FOR ACTUAL ELEVATIONS).

PLAN KEY NOTES

- 5" THK NWC S.O.G. w/ #4 @ 12"oc EW (CTRD IN SLAB) of 20 MIL VAPOR RETARDER or GEOTEXTILE MIRAFI 140N or 4" CRUSHED ROCK of COMPACTED SOIL (SEE GEOTECH REPORT FOR ADDL INFO).
- LINE OF OVER-EXCAVATION (SEE GEOTECH REPORT FOR ADDL INFO).
- BASE PL PER DET.
- WROUGHT IRON FENCE of NWC CURB/WALL (S.A.D.).
- ADDL 2-#5 TOP REINF IN NWC CONT FTG.
- CANOPY OVERHANG ABV PP ABV.
- VERT DECK PLANKS (S.A.D. FOR ADDL INFO).
- WT WELDED TO HSS COL FOR VERT DECK SUPPORT.
- 4x NAILER FOR VERT DECK SUPPORT.
- NWC EQUIP PAD PER DET (S.A.D./S.M.D. FOR ADDL INFO).
- NWC CONTAINMENT CURB PER DET (S.A.D./S.M.D. FOR ADDL INFO).
- WROUGHT IRON FENCE SEE FC3.3.
- DOUBLE-DOOR GATE SEE FC3.8.
- ADJ BLDG CMU WALL.
- UNDERGROUND SURGE CHAMBER.
- ACCESS HATCH OF SURGE TANK.
- TWO-WAY SLAB OF SURGE TANK, REPAIR CONC PER 12/S0.3.
- NWC S.O.G.
- EXTENT OF (E) S.O.G. (S.A.D.).
- (E) NWC S.O.G. TIE-IN AS REQD.

COLUMN SCHEDULE

MARK	COLUMN SIZE	BASE PL	A.A.
H4	HSS44x49 1/2	EMB PL PER DET	2-1/2"Ø

FOOTING SCHEDULE

MARK	WIDTH 'B'	WIDTH 'D'	HEIGHT 'H'	REINFORCING
CF20	2'-0"	CONT	1'-6"	2-#5 CONT BOT

NOTE: SEE DETAILS FOR DEFINITIONS OF WIDTHS ('B' x 'D') & HEIGHT ('H').

MASONRY WALL SCHEDULE

MARK	BLOCK SIZE	VERT REINF	HORIZ REINF
MW8	8x8x16	#5 @ 24"oc	#5 @ 32"oc

- NOTES:
- ALL WALLS SHALL BE SOLID GROUTED.
 - VERT REINF SHALL BE CENTERED IN WALL.

CITY OF SANTA CLARITA BUILDING & SAFETY

APPROVED Under SACM Title 18, 19, 20, 21, 24, 25 Sep 16, 2025 F. Svendsen

BLD25-00576 (ARCH)

The approved plans must be available at the construction site at all times. Changes or alterations to approved plans shall not be made without written permission from the City of Santa Clara Building & Safety Division. The approval of these plans shall not be construed to permit or approve any violation of the applicable codes, ordinances, or other laws.

REVISION:	09/30/2025	EXECUTOR DATE
LAJ: BLD/AL		EXECUTOR
PM: DESSA		EXECUTOR
REVISION:	09/30/2025	EXECUTOR DATE
LAJ: BLD/AL		EXECUTOR
PM: DESSA		EXECUTOR

IN ACCORDANCE WITH RESOLUTION No. 19-6, AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, CALIFORNIA, AUTHORITY IS GRANTED TO THE DIRECTOR OF PUBLIC WORKS, ENGINEER, ARCHITECT, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE CITY OF SANTA CLARITA, CALIFORNIA, UNDER THE PROVISIONS OF THE CITY CODE SECTION 830.6 FOR THE CITY OF SANTA CLARITA. I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO, THE CITY OF SANTA CLARITA, CALIFORNIA, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



SPIRE
 ENGINEERING
 26461 Rancho Parkway South, Suite 100
 Forest, CA 92520
 www.spirestructures.com
 JOB#: 24PA001
 ENG. AGB

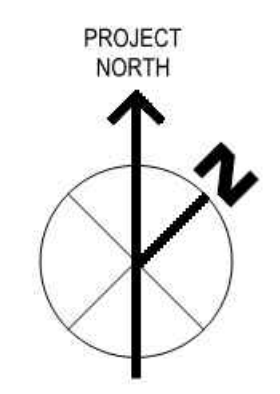
PREPARED BY:	ALEXANDROS BLETSOS	DATE:	02/17/2020
PROJECT ENGINEER	R.S.E. NO. 55559	CHECKED BY:	AGB
EXP.:	09/30/2025	DATE:	02/17/2020
DRAWN BY:	BTM	DATE:	
SCALE:	AS SHOWN	DATE:	
DESIGNED BY:	AGB	DATE:	

TITLE: DETAILS

NEWHALL PARK POOL
 PUMP ROOM RENOVATION
 PLANS
 SANTA CLARITA CA

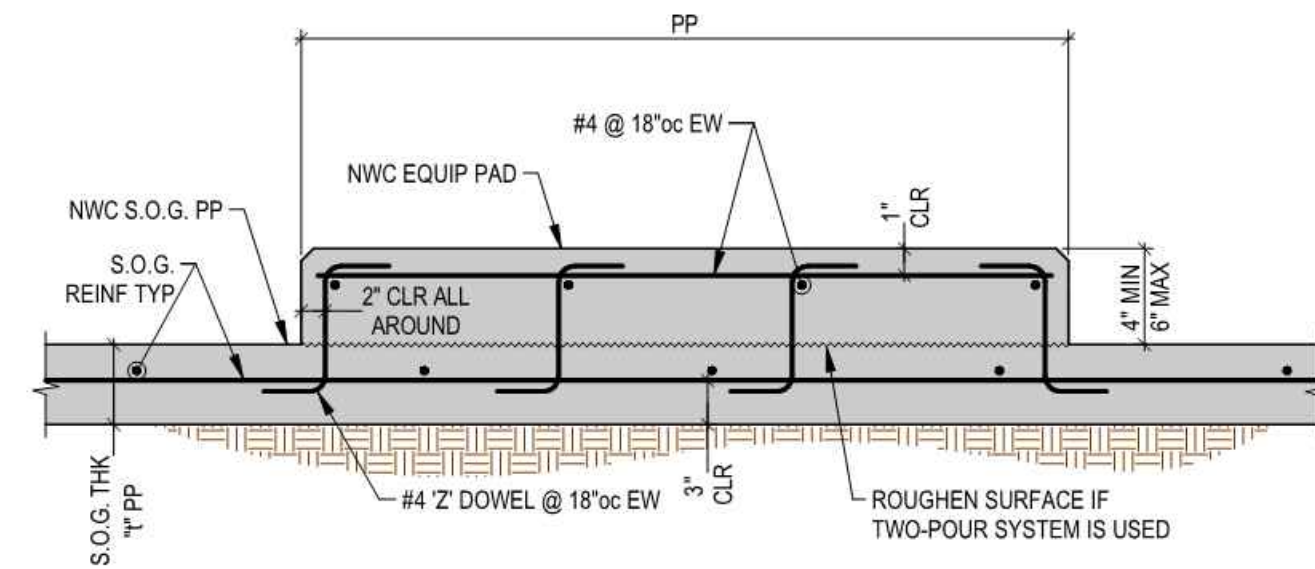
SHEET S1.1
 26 OF 61 SHEETS
 JOB NO. C258

FOUNDATION PLAN
 SCALE: 1/4" = 1'-0"



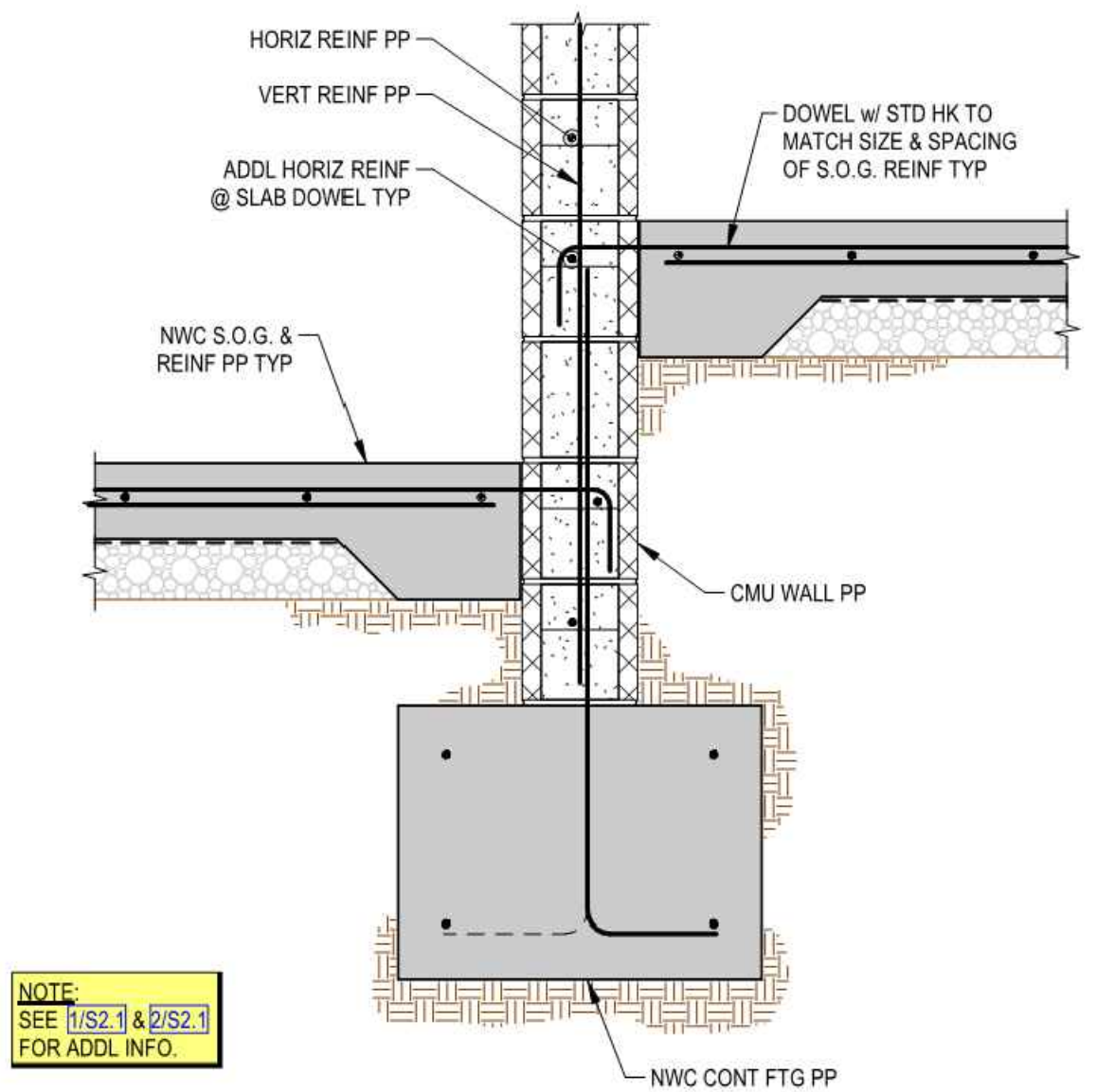


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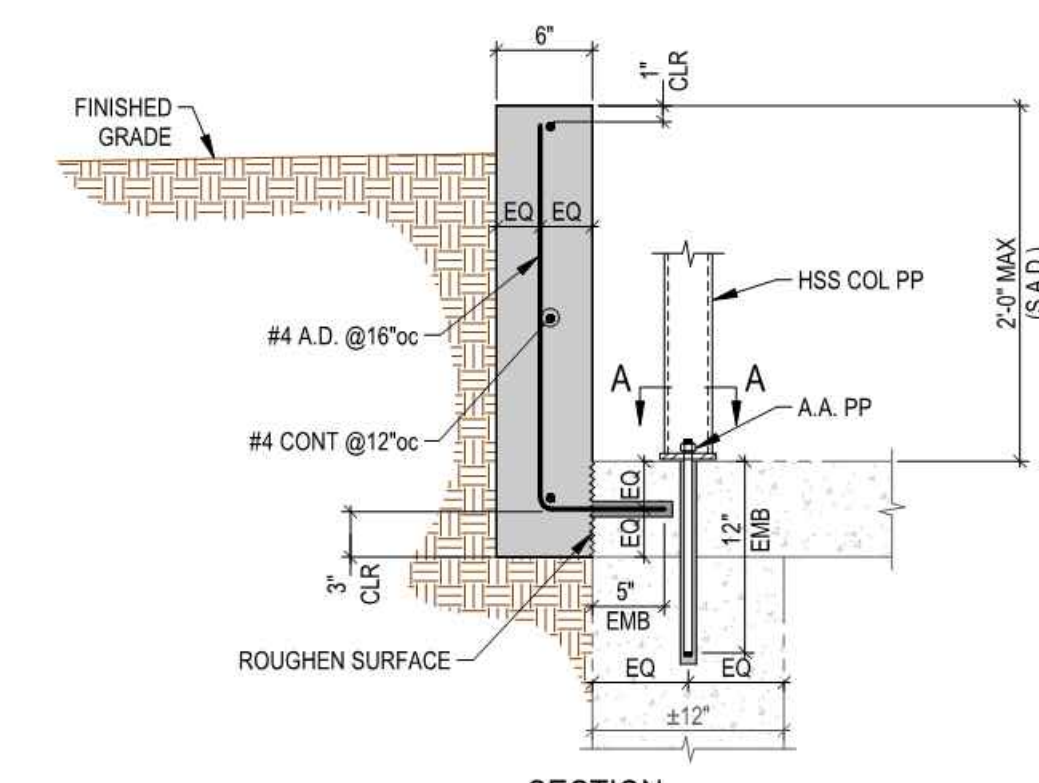
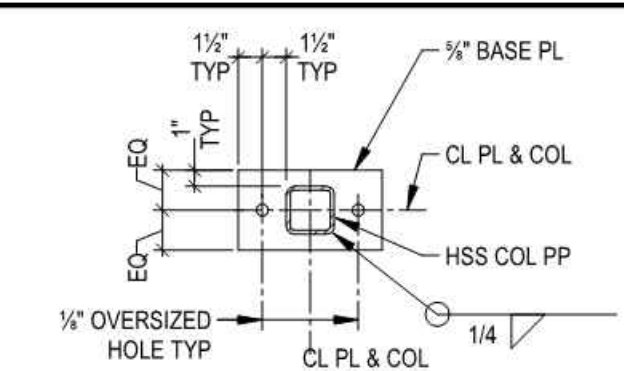
NOTE:
S.A.D./S.M.D. FOR LOCATIONS, HEIGHT AND DIMENSIONS UON ON PLAN.

TYPICAL CONCRETE PAD @ S.O.G.
SCALE: NONE ⑥

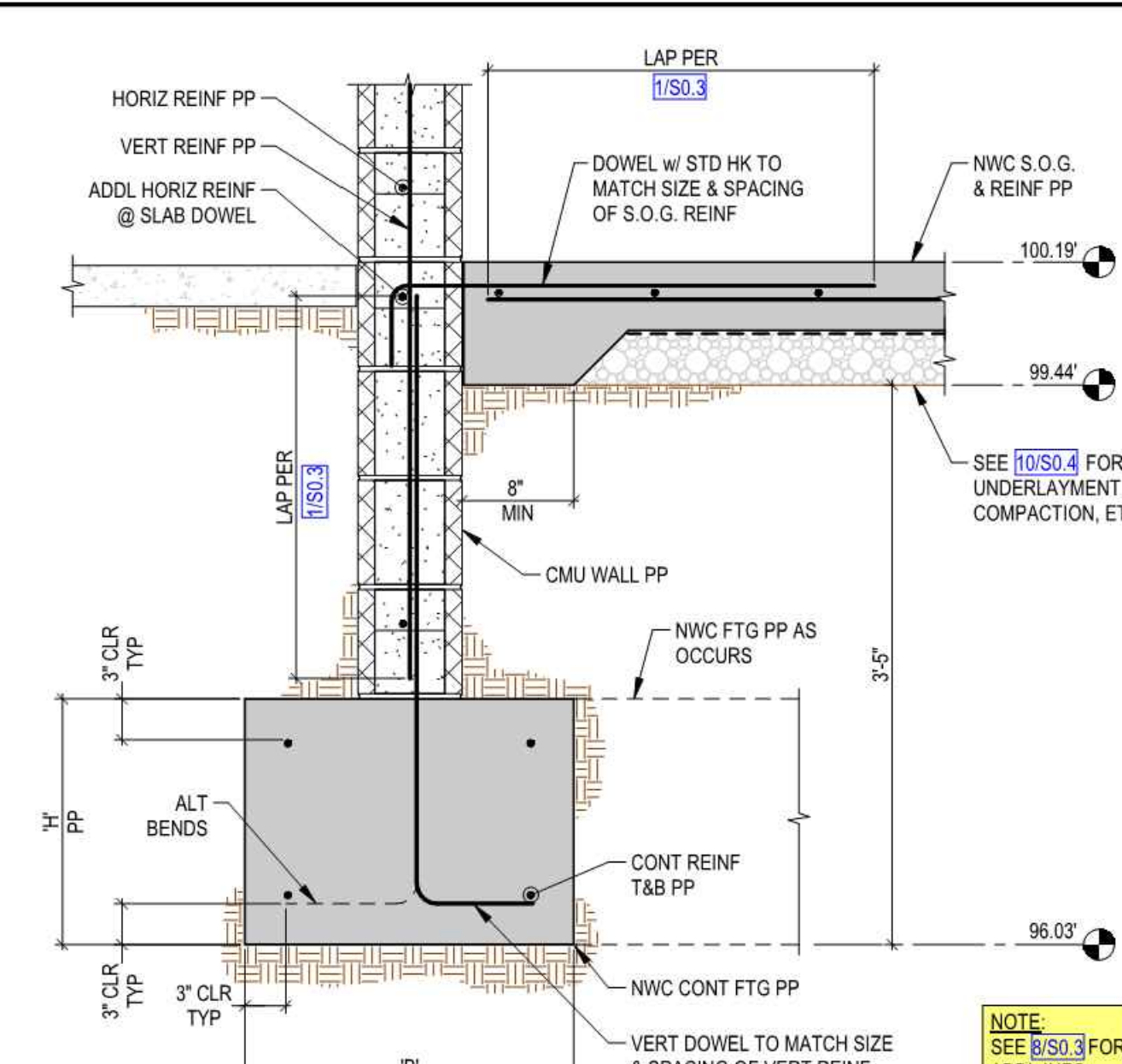


NOTE:
SEE 1/SO.3 & 2/S2.3 FOR ADDL INFO.

INTERIOR CMU WALL SECTION
SCALE: NONE ③

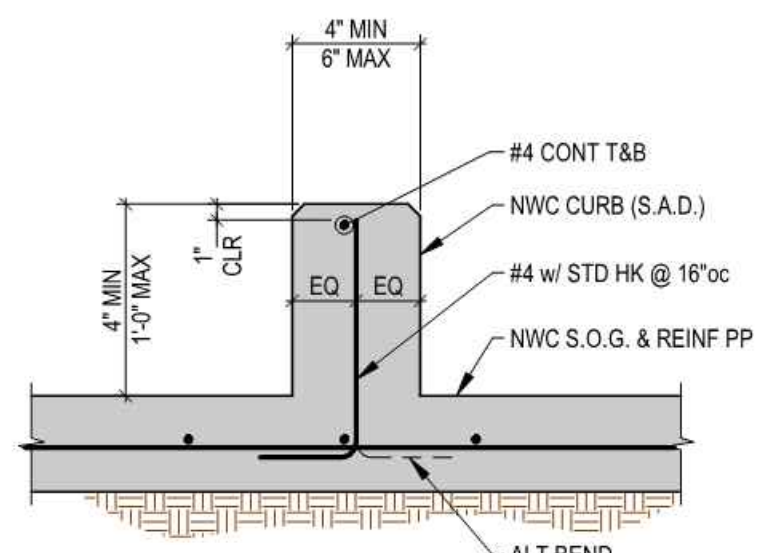


CANOPY COLUMN BASE CONN & NWC RETAINING WALL
SCALE: NONE ⑤



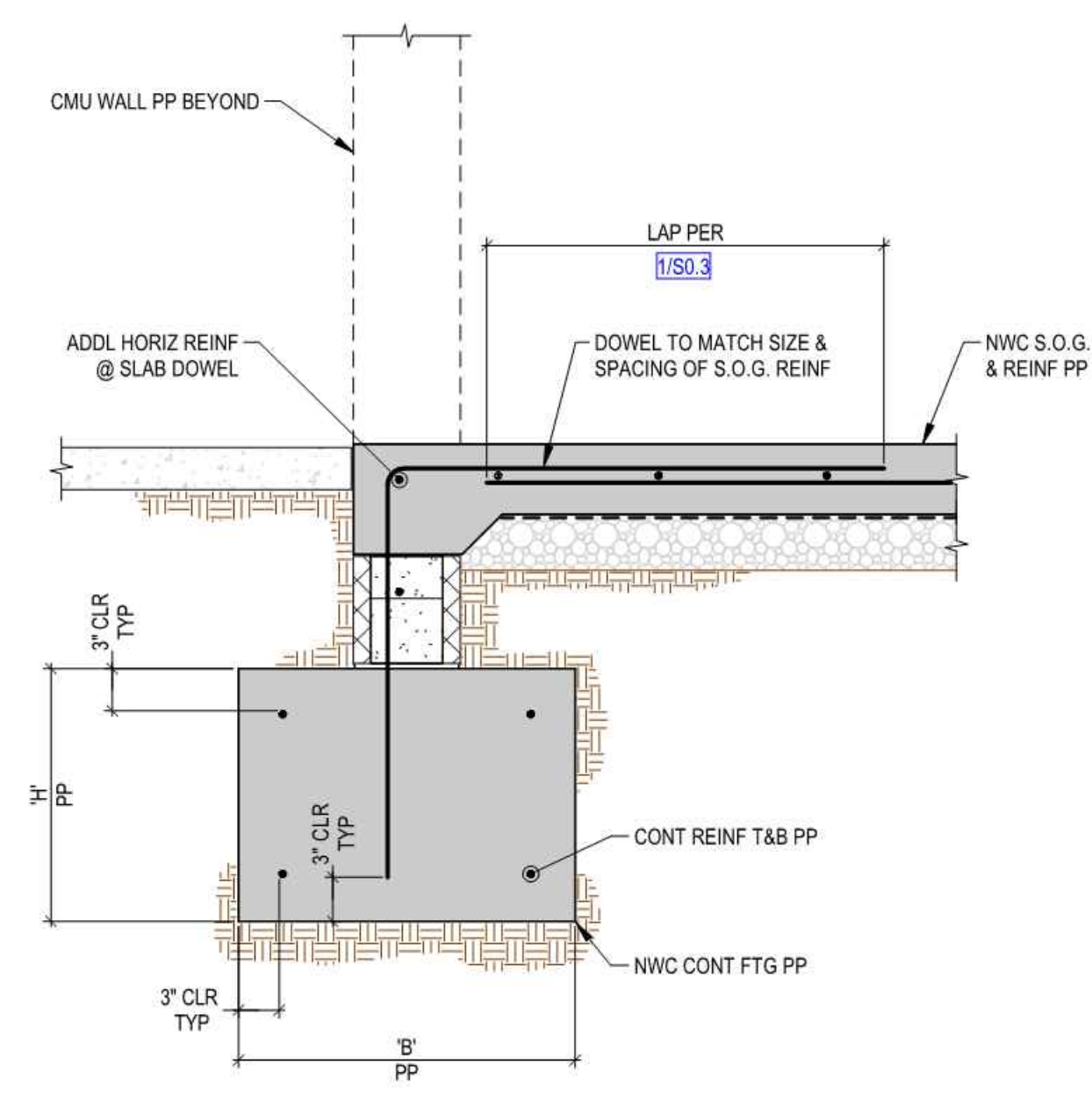
NOTE:
SEE 1/SO.3 FOR ADDL INFO.

EXTERIOR CMU WALL SECTION
SCALE: NONE ②

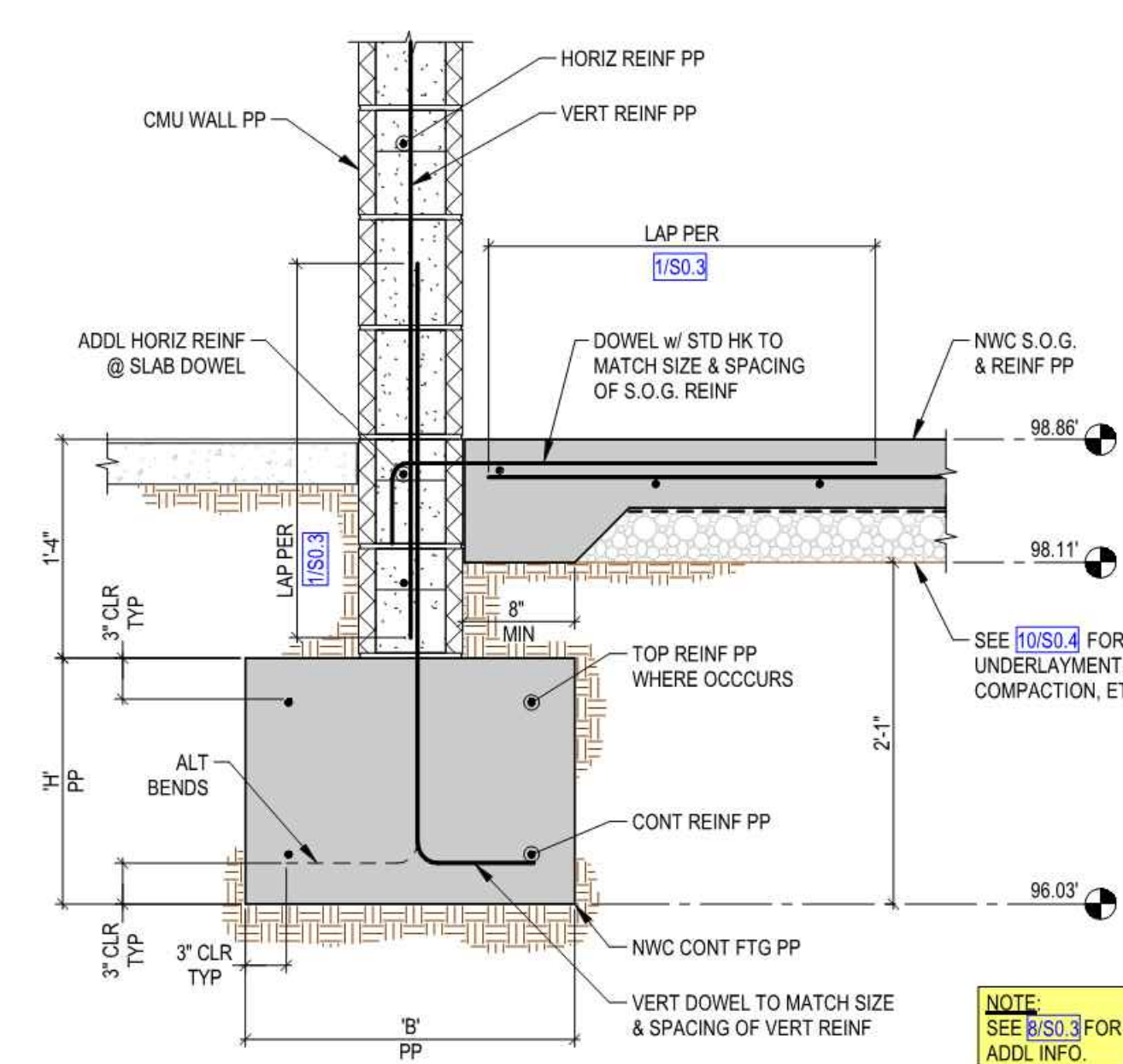


NOTE:
S.A.D./S.M.D. FOR LOCATIONS, HEIGHT AND DIMENSIONS UON ON PLAN.

TYPICAL CURB @ S.O.G.
SCALE: NONE ⑦



OPENING @ EXTERIOR CMU WALL SECTION
SCALE: NONE ④



NOTE:
SEE 1/SO.3 FOR ADDL INFO.

EXTERIOR CMU WALL SECTION
SCALE: NONE ①

REVISION:	09/30/2025	EXECUTOR DATE
DATE:	11/15/25	EXECUTOR DATE
BY:	FM: BSA	EXECUTOR
BY:	FM: BSA	EXECUTOR

IN ACCORDANCE WITH RESOLUTION No. 19-6, AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, CALIFORNIA, I, THE CITY ENGINEER, AS THE DIRECTOR OF PUBLIC WORKS SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE CITY OF SANTA CLARITA, CALIFORNIA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO, THE CITY OF SANTA CLARITA, CALIFORNIA, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



SPIRE
STRUCTURAL ENGINEERING
26461 Rancho Parkway South Lake
Forest, CA 92630
www.spirestructures.com
949.976.3440
JOB#: 24PA001
ENG. AGB

PREPARED BY:	ALEXANDROS BLETOSOS	PROJECT ENGINEER
SCALE:	AS SHOWN	DATE:
DRAWN BY:	BTM	CHECKED BY:
DESIGNED BY:	AGB	DATE:

TITLE
DETAILS

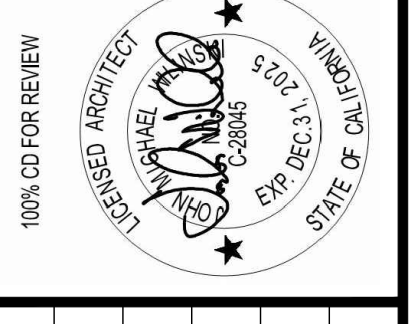
NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS
SANTA CLARITA
CA

EXISTING EQUIPMENT LIST					
CONTRACTOR TO EXAMINE CONDITION AND REUSE ON SITE					
NO	ITEM	MODEL	MFG/SUPPLIER	DESCRIPTION	QTY
1	FILTER	CARBON STEEL FILTER	EPD USA INC	CARBON STEEL POLYETHYLENE LINED STEEL FILTER, THREE LINE ASSEMBLY, SIZE 13.5 SF. RATED FOR 600 GPM AND 40.5SF. FILTER TO BE PROTECTED AND REUSED, EXISTING SAND TO BE REPLACED WITH NEW SAND.	1
2	6" BASKET STRAINER	EXISTING	EXISTING	6" IN-LINE BASKET STRAINER TO BE PROTECTED AND REUSED	2
3	500 GAL CHLORINE TANK	TC5971DC	CHEMTAINER	CHLORINE TANK PER CHEMTAINER DOUBLE WALL TANK MODEL TC5971DC, RATED 500 GAL. CHLORINE TANK TO BE PROTECTED AND REUSED. CONTRACTOR TO PROVIDE SEISMIC RESTRAINTS AND CALCULATIONS.	1
4	350 GAL ACID TANK	TC5256DC	CHEMTAINER	ACID TANK PER CHEMTAINER DOUBLE WALL TANK MODEL TC5256DC, RATED 350 GAL. ACID TANK TO BE PROTECTED AND REUSED. CONTRACTOR TO PROVIDE SEISMIC RESTRAINTS AND CALCULATIONS.	1
5	EYE WASH STATION	EXISTING	EXISTING	EYEWASH STATION TO BE PROTECTED AND REUSED PER DETAIL B ON SHEET W242	1
6A	CHLORINE CHEMICAL DOSING PUMP	85M5	STENNER	CHEMICAL DOSING PUMP PER "STENNER" MODEL 85M5 RATED 25PSI. DOSING PUMP TO BE PROTECTED AND REUSED.	1
6B	CHLORINE CHEMICAL DOSING PUMP	45M5	STENNER	CHEMICAL DOSING PUMP PER "STENNER" MODEL 45M5 RATED 25PSI. DOSING PUMP TO BE PROTECTED AND REUSED.	1
7	ACID CHEMICAL DOSING PUMP	45M5	STENNER	CHEMICAL DOSING PUMP PER "STENNER" MODEL 45M5 RATED 25PSI. DOSING PUMP TO BE PROTECTED AND REUSED.	1
8	HEATER	HIGH DELTA 2002C	RAYPAK	POOL HEATER PER "RAYPAK" HIGH DELTA MODEL 2002C RATED FOR 1999 MBTU TO BE PROTECTED AND REUSED.	1
9	PRESSURE SUSTAINING PUMP	STA-RITE PL SERIES	PENTAIR	PRESSURE SUSTAINING PUMP PER PENTAIR STA-RITE PL SERIES PUMP MODEL PLBC-178L, RATED 1/2 HP, 60HZ TO BE PROTECTED AND REUSED.	1

NEW EQUIPMENT LIST					
NO	ITEM	MODEL	MFG/SUPPLIER	DESCRIPTION	QTY
10	VERTICAL TURBINE PUMP	VIT-DITM 11CLC	GOULDS	VERTICAL TURBINE PUMP PER "GOULDS" VIT-SHORT SET LINESHAFT TURBINE PUMP, MODEL NUMBER VIT-DITM 11CLC, RATED 600 GPM @ 59' TDH, 15 HP, 1770 RPM, 208/120 V 3-phase, 4Ø, 60 HZ, VFD CONTROLLED, NSF 50 RATED, INVERTER DUTY MOTOR	1
11	ACCESS HATCH	H60601701	EJ	60"x60" ALUMINUM ACCESS HATCH ASSEMBLY, CHANNEL FRAME WITH LIFT ASSIST, BY EJ, PRODUCT NUMBER H60601701	1
12	CHEMICAL CONTROLLER	BECSYS7	BECS TECHNOLOGY	CHEMICAL CONTROLLER PER "BECS" MODEL BECSYS7	1
13	FLOW METER	SIGNET P51530	GF	FLOW METER PER "GF" SIGNET SERIES MODEL P51530,	1
14	FLOW TRANSMITTER	SIGNET 9900	GF	FLOW TRANSMITTER PER "GF" SIGNET SERIES MODEL 9900	1
15	EYEWASH HOSE	G5010	GUARDIAN	EYEWASH HOSE PER "GUARDIAN" MODEL G5010, RATED 300PSI, 3/8" NPT MALE SWIVEL INLET	2
16	LARGE EXHAUST FAN	P15SS2P050	PLASTEC	EXHAUST FAN PER "PLASTEC" MODEL P15SS2P050 RATED SINGLE PHASE, 0.5 HP, 3370 RPM, DESIGN FLOW 550 CFM	2
17	SMALL EXHAUST FAN	P15SS6P025	PLASTEC	EXHAUST FAN PER "PLASTEC" MODEL P15SS6P025 RATED SINGLE PHASE, 0.25 HP, 1120 RPM, DESIGN FLOW 100 CFM	6
18	PRESSURE GAUGE	PT45A1A*P17-G-P-MPPA	REOTEMP	PRESSURE GAUGE PER "REOTEMP" MODEL PART #: PT45A1A*P17-G-P-MPPA, PT45A1: 4.5" PROCESS GAUGE, THERMOPLASTIC CASE, SS WETTED, A*: BOTTOM CONNECTION TO DIAPHRAGM SEAL, P17: PRESSURE RANGE 0 - 60 PSI, G: GLYCERIN CASE FILL, P: PLASTIC LENS, MP: MIN/MAX POINTER	1
19	PRESSURE TRANSDUCER	TA1P171A-M00-*--MC-PB	REOTEMP	PRESSURE TRANSDUCER PER "REOTEMP" MODEL PART #: TA1P171A-M00-*--MC-PB, TA1: INDUSTRIAL TRANSMITTER, P17: RANGE: 0/60 PSI, 1: ACCURACY: +/-0.5% @77F (BSL), A: OUTPUT SIGNAL: 4-20 MA (2-WIRE, STD. / 3-WIRE TDS MODELS), M00: ELEC. CONNECTION - M12X1 (4-PIN), *: PROCESS CONNECTION - CONNECTION TO DIAPHRAGM SEAL, MC: OPTION - M12X1 FEMALE CONNECTOR - FIELD WIREABLE	1
20	LEVEL SENSOR	3-F	WARRICK	LIEVEL SENSOR PER "WARRICK" SERIES 3F, 3" PVC STRUCTURE WELL, 3 PROBE ASSEMBLY.	1
21	DOOR LOUVERS	DAYTON 5NKNO	GRAINGER	ALUMINUM 12"H X 24"W DOOR LOUVER PER "GRAINGER" PART NUMBER 5NKNO RATED FOR 1.1 SQ. FT FREE AREA	12

REVISION:	09/30/2025
DATE:	09/30/2025
BY:	PM-DESIGN
FOR:	PM-CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 19-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, BY THE CODE SECTION 83A.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, BY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZHIRANG SONG
PROJECT ENGINEER:	R.C.E. NO. -- -- # 69315
EXP.:	06/30/2026
DRAWN:	J.P.
DESIGNED:	J.P.
CHECKED:	Z.S.
SCALE:	
DATE:	09/29/2025

EQUIPMENT LIST

TITLE: **NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)**

SHEET: **M1.0**

30 OF 61 SHEETS

JOB NO. C258

SANTA CLARITA CA

CITY OF SANTA CLARITA BUILDING & SAFETY

APPROVED

Under SCMC Titles 18, 19, 20, 21, 24, 25

Sep 16, 2025

F. Svendsen

BLD25-00576 (ARCH)

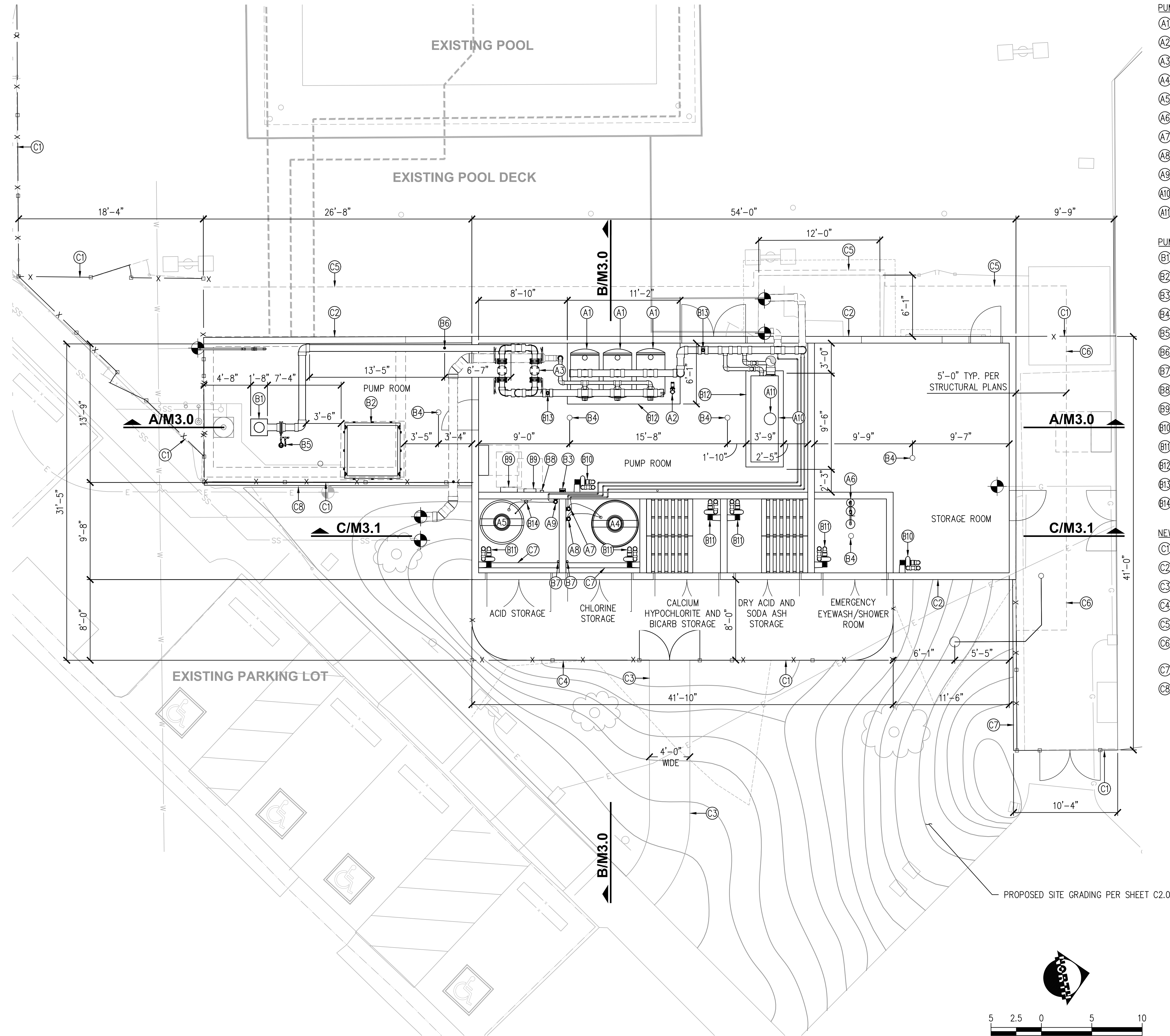
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PACE

Advanced Water Engineering

17520 Newhope Street, Suite 200 | Fountain Valley, CA 92708

P: (714) 481-7300 | www.pacewater.com



SITE PLAN
SCALE: 1"=5'-0"

CONSTRUCTION NOTES

PUMP STATION EQUIPMENT TO BE PROTECTED AND REUSED

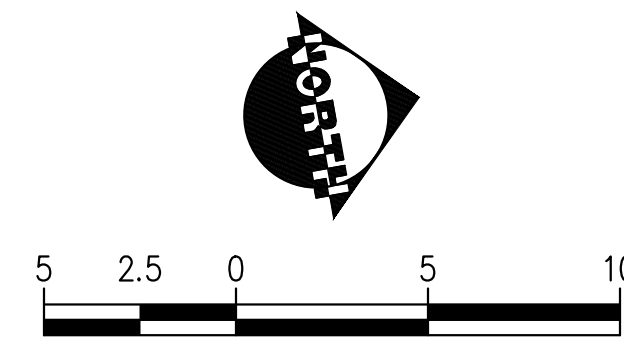
- (A1) INSTALL POOL FILTER PER EQ. LIST #1 ON SHEET M1.0
- (A2) INSTALL PRESSURE SUSTAINING PUMP PER EQ LIST #9 ON SHEET M1.0
- (A3) INSTALL BASKET STRAINER PER EQ. LIST #2 ON SHEET M1.0
- (A4) INSTALL 500 GAL CHLORINE TANK PER EQ. LIST #3 ON SHEET M1.0
- (A5) INSTALL 350 GAL ACID TANK PER EQ. LIST #4 ON SHEET M1.0
- (A6) INSTALL EYE WASH STATION PER EQ. LIST #5 ON SHEET M1.0
- (A7) INSTALL CHLORINE CHEMICAL DOSING PUMP PER EQ. LIST #6.A ON SHEET M1.0
- (A8) INSTALL CHLORINE CHEMICAL DOSING PUMP PER EQ. LIST #6.B ON SHEET M1.0
- (A9) INSTALL ACID CHEMICAL DOSING PUMP PER EQ. LIST #7 ON SHEET M1.0
- (A10) INSTALL POOL HEATER PER EQ. LIST #8 ON SHEET M1.0
- (A11) INSTALL POOL HEATER VENTILATION PER DETAIL B SHEET M4.3

PUMP STATION NEW EQUIPMENT

- (B1) INSTALL VERTICAL TURBINE PUMP PER EQ. LIST #10 ON SHEET M1.0
- (B2) INSTALL 60" x 60" ALUMINUM ACCESS HATCH PER EQ. LIST #11 ON SHEET M1.0
- (B3) INSTALL CHEMICAL CONTROLLER PER EQ. LIST #12 ON SHEET M1.0
- (B4) INSTALL NEW 3" AREA DRAIN PER ZURN MODEL Z1730
- (B5) INSTALL NEW PRESSURE GAUGE AND TRANSDUCER PER DETAIL F SHEET M4.3
- (B6) INSTALL NEW FLOW METER PER EQ LIST #13 ON SHEET M1.0
- (B7) INSTALL NEW EYEWASH HOSE PER EQ LIST #15 ON SHEET M1.0
- (B8) INSTALL NEW WALL MOUNTED FLOW TRANSMITTER PER EQ LIST #14 ON SHEET M1.0
- (B9) INSTALL NEW ELECTRICAL PANEL PER ELECTRICAL SHEETS
- (B10) INSTALL NEW LARGE EXHAUST FAN PER EQ LIST #16 ON SHEET M1.0
- (B11) INSTALL NEW SMALL EXHAUST FAN PER EQ LIST #17 ON SHEET M1.0
- (B12) INSTALL NEW HOUSEKEEPING PAD PER DETAIL 6 SHEET S2.1
- (B13) INSTALL NEW AIR RELIEF VALVE PER DETAIL D SHEET M4.1
- (B14) INSTALL NEW CHEMICAL FUME SCRUBBER PER DETAIL B SHEET M4.1

NEW LANDSCAPE FEATURES

- (C1) INSTALL NEW WROUGHT-IRON FENCE PER DETAIL B SHEET C3.0
- (C2) INSTALL NEW BUILDING PER ARCHITECTURAL AND STRUCTURAL PLANS
- (C3) INSTALL NEW CONCRETE ACCESS WALKWAY PER DETAIL 10 SHEET S.04
- (C4) INSTALL NEW CONCRETE ENTRY PAD PER DETAIL 10 SHEET S.04
- (C5) INSTALL NEW POOL DECK TO TIE INTO EXISTING POOL DECK PER DETAIL 12 SHEET S0.4
- (C6) INSTALL NEW CONCRETE SLAB TO TIE INTO EXISTING CONCRETE SLAB PER DETAIL 12 SHEET S0.4
- (C7) INSTALL NEW 6" CONSTRUCTION CURB PER DETAIL 7 SHEET S2.1
- (C8) INSTALL NEW CONTAINMENT WALL PER DETAIL 5 SHEET S2.1



CITY OF SANTA CLARITA
BUILDING & SAFETY
APPROVED
Under SCMG Titles
18, 19, 20, 21, 24, 25
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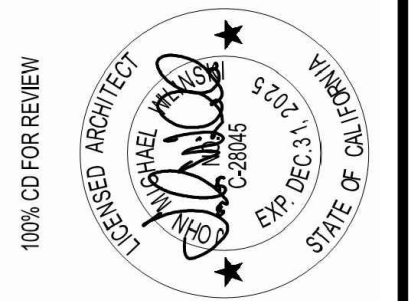
BLD25-00576 (ARCH)
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REVISION:	09/30/2025
DATE:	09/30/2025
BY:	FM/DESIGN
FOR:	FM/CONSTRUCTION

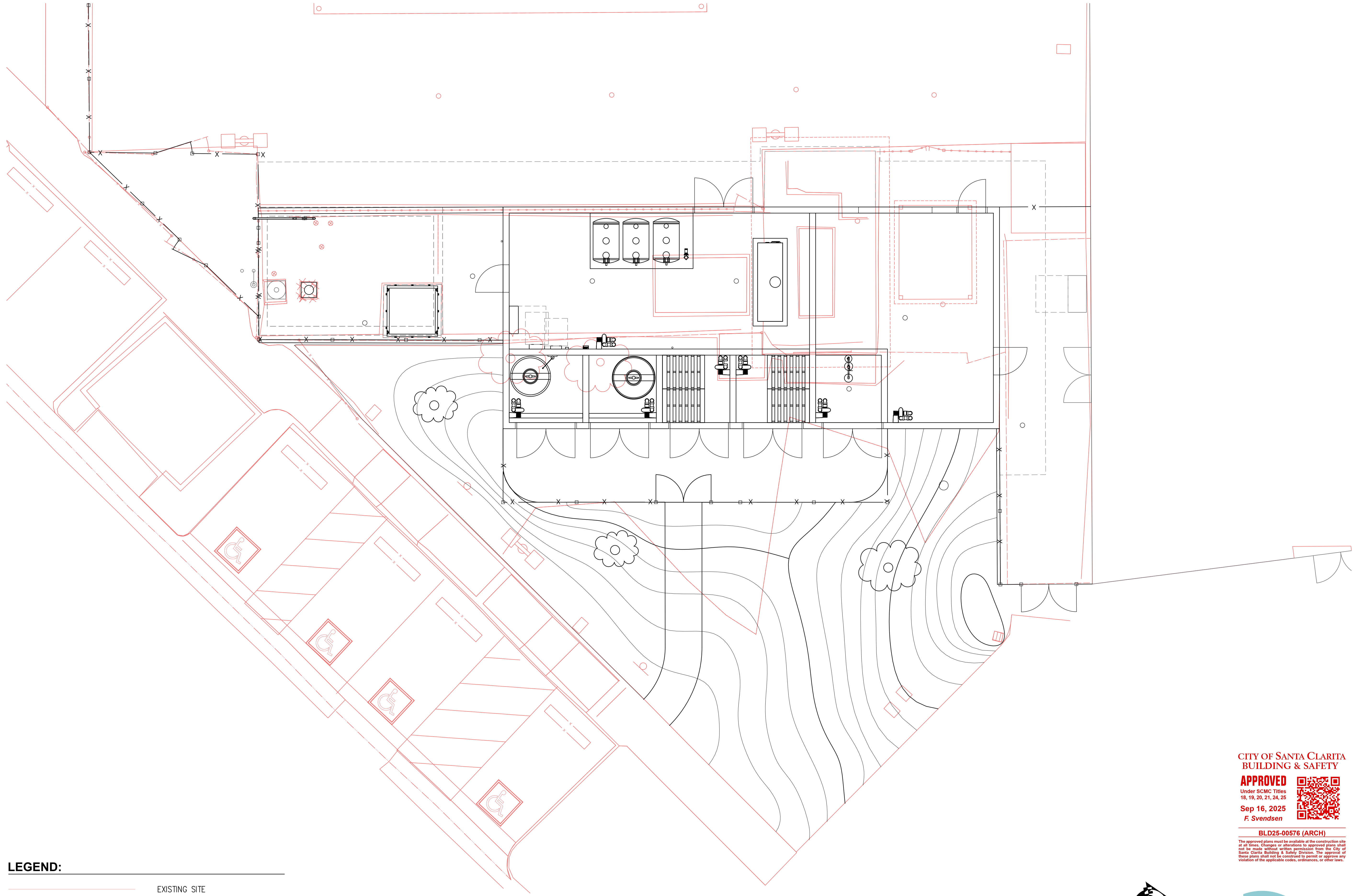
IN ACCORDANCE WITH RESOLUTION NO. 18-6, AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO PUBLIC FACILITIES, THE CITY ENGINEER HAS REVIEWED THESE PLANS AND FOUND THEM TO BE IN ACCORDANCE WITH THE CITY ENGINEERING CODE SECTION 83A.6 FOR THE CITY OF SANTA CLARITA. I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.





PREPARED BY:	ZHIRANG SONG
PROJECT ENGINEER:	R.C.E. NO. -- # 69315
EXP.:	06/30/2026
DRAWN:	J.P.
DESIGNED:	J.P.
CHECKED:	Z.S.
DATE:	09/29/2025

EQUIPMENT LAYOUT PLAN

NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)
SANTA CLARITA CA
SHEET **M2.0**
31 OF 61 SHEETS
JOB NO. C258



LEGEND:

	EXISTING SITE
	PROPOSED PUMP STATION

SITE PLAN
 SCALE: 1"=5'-0"

**CITY OF SANTA CLARITA
 BUILDING & SAFETY**

APPROVED
 Under SCMC Titles
 18, 19, 20, 21, 24, 25

Sep 16, 2025
 F. Svendsen

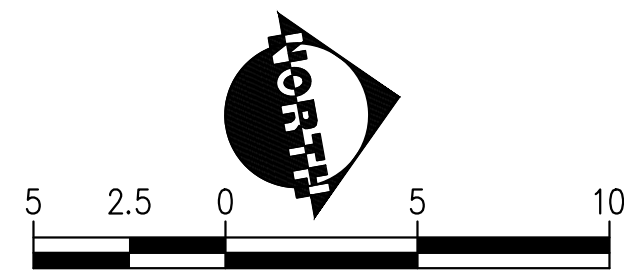
BLD25-00576 (ARCH)


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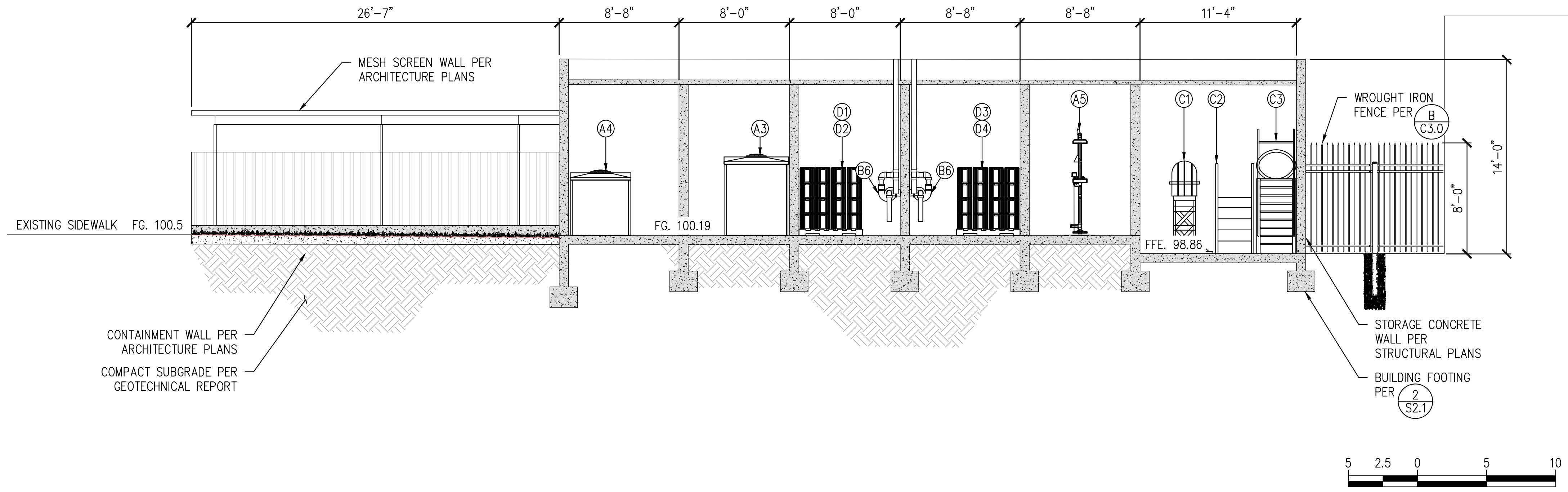


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PREPARED BY ZIRANG SONG PROJECT ENGINEER R.C.E. NO. -- # 69315 EXP. 06/30/2026	DRAWN J.P. DESIGNED J.P. CHECKED Z.S.	SCALE DATE 03/2025	100% CD FOR REVIEW 	IN ACCORDANCE WITH RESOLUTION NO. 18-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.	REVIEWER: LAL BUDHALL PM-DESIGN 09/30/2025 EXECUTION DATE
					REVIEWER: JEFFREY L... PM-CONSTRUCTION 09/30/2025 EXECUTION DATE
BUILDING FOOTPRINT			TITLE		
NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)			CA		
SHEET M2.2			SANTA CLARITA		
33 OF 61 SHEETS			JOB NO. C258		



SECTION C-C
SCALE: 1"=5'-0"

CONSTRUCTION NOTES

PUMP STATION EQUIPMENT TO BE PROTECTED AND REUSED

- (A1) INSTALL POOL FILTER PER EQ. LIST #1 ON SHEET M1.0
- (A2) INSTALL BASKET STRAINER PER EQ. LIST #2 ON SHEET M1.0
- (A3) INSTALL 500 GAL CHLORINE TANK PER EQ. LIST #3 ON SHEET M1.0
- (A4) INSTALL 350 GAL ACID TANK PER EQ. LIST #4 ON SHEET M1.0
- (A5) INSTALL EYE WASH STATION PER EQ. LIST #5 ON SHEET M1.0
- (A6) INSTALL CHLORINE FEED PUMP PER EQ. LIST #6 ON SHEET M1.0
- (A7) INSTALL ACID FEED PUMP PER EQ. LIST #7 ON SHEET M1.0

PUMP STATION NEW EQUIPMENT

- (B1) INSTALL POOL HEATER PER EQ. LIST #8 ON SHEET M1.0
- (B2) INSTALL VERTICAL TURBINE PUMP PER EQ. LIST #10 ON SHEET M1.0
- (B3) INSTALL 60" X 60" ALUMINUM ACCESS HATCH PER EQ. LIST #11 ON SHEET M1.0 AND DETAIL C ON SHEET M4.0
- (B4) INSTALL CHEMICAL CONTROLLER PER EQ. LIST #12 ON SHEET M1.0
- (B5) INSTALL HOUSEKEEPING PAD PER DETAIL 6 SHEET S2.1
- (B6) INSTALL NEW EXHAUST FAN PER DETAIL C SHEET M4.2

EXISTING EQUIPMENT TO BE STORED

- (C1) LIFEGUARD STAND
- (C2) POOL ADA STAIRS
- (C3) POOL SLIDE

DRY CHEMICAL STORAGE

- (D1) CHEMICAL STORAGE OF CALCIUM HYPOCHLORITE
- (D2) CHEMICAL STORAGE OF BICARB
- (D3) CHEMICAL STORAGE OF DRY ACID
- (D4) CHEMICAL STORAGE OF SODA ASH

REVISION:	09/30/2025
DATE:	09/30/2025
BY:	FM: CONSTRUCTION
DESCRIPTION:	

IN ACCORDANCE WITH RESOLUTION NO. 18-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING OR NEW PUBLIC FACILITIES, THE CITY OF SANTA CLARITA HEREBY EXERCISES THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZHIRANG SONG
PROJECT ENGINEER:	# 69315
R.C.E. NO.:	
EXP. DATE:	06/30/2026
DRAWN:	J.P.
DESIGNED:	J.P.
CHECKED:	Z.S.
DATE:	09/29/2025

PUMP ROOM SECTION

NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)

SANTA CLARITA CA

SHEET **M3.1**

35 OF 61 SHEETS

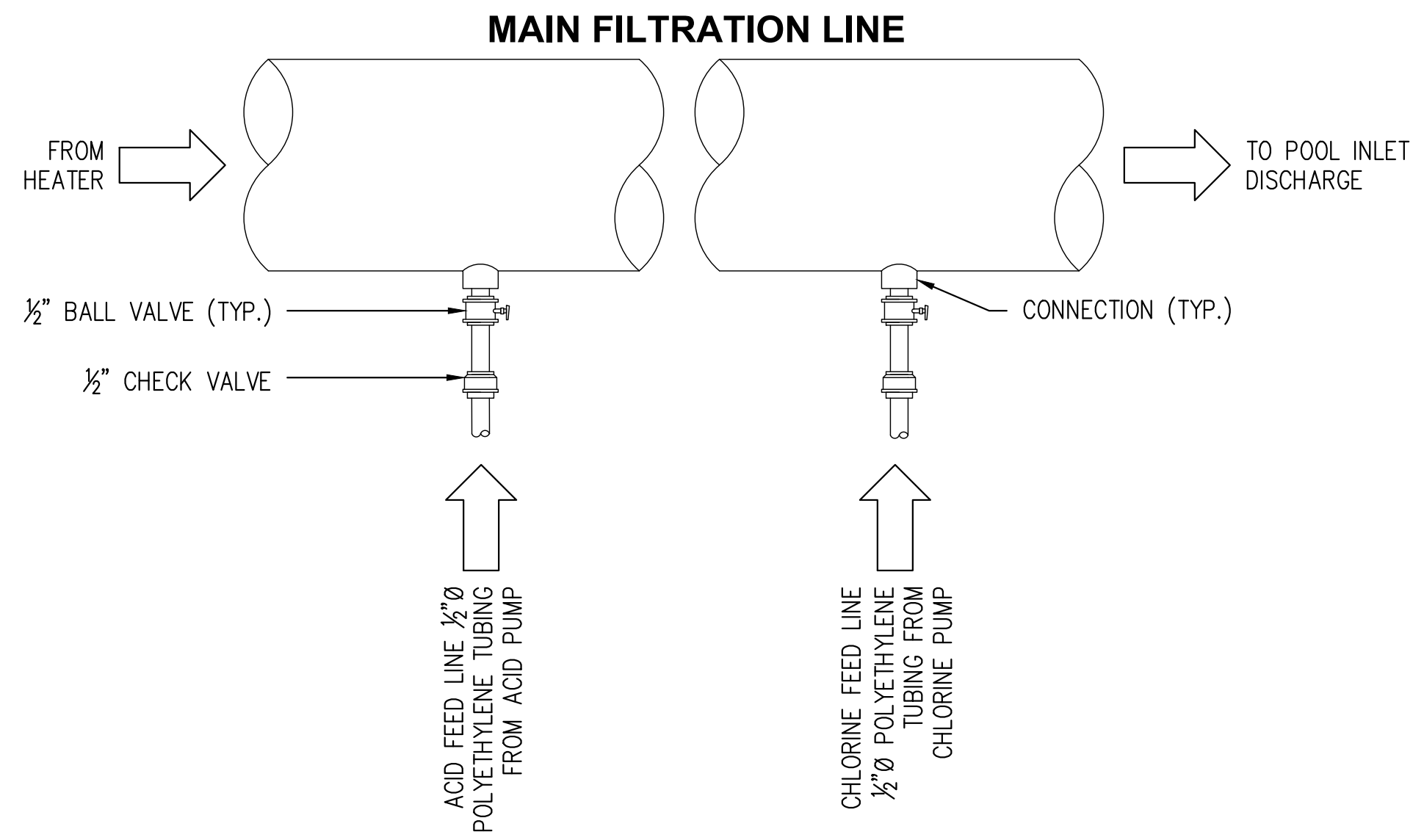
JOB NO. C258

CITY OF SANTA CLARITA
BUILDING & SAFETY

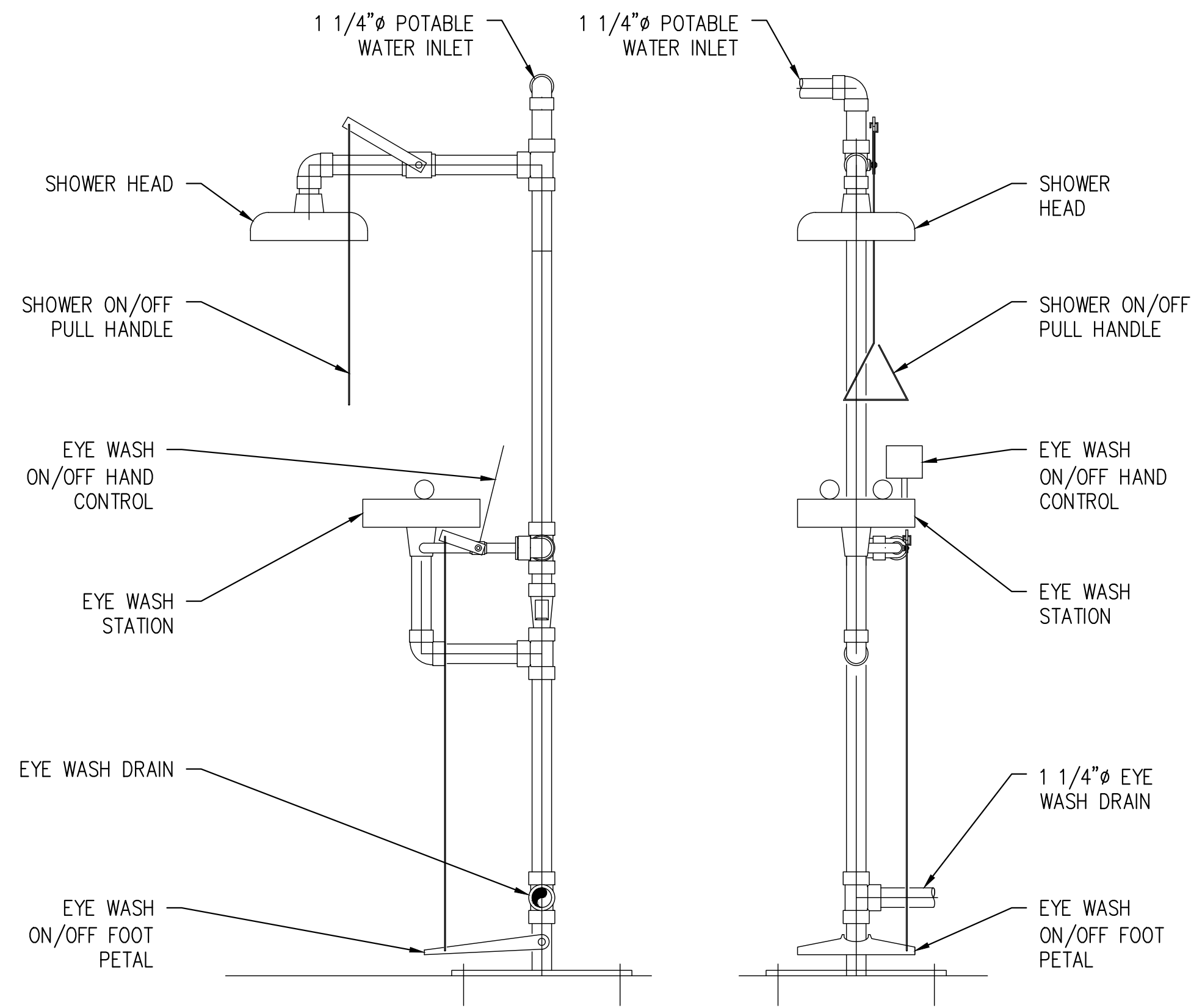
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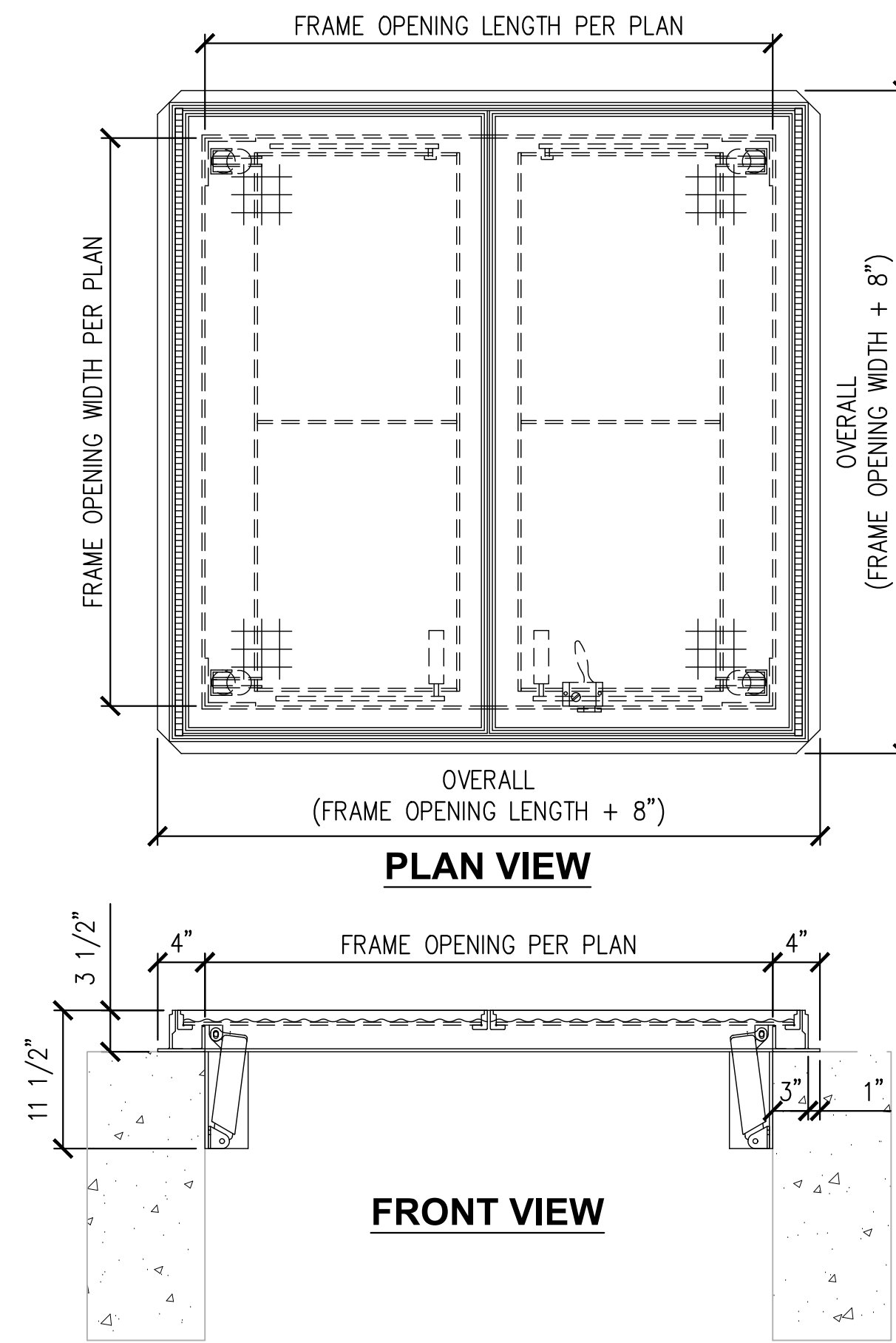


E CHEMICAL FEED PIPE CONNECTION
SCALE: NTS



F EYEWASH STATION
SCALE: 1"=1'-0"

NOTE:
CONTRACTOR TO PROVIDE ANTI-SCALD VALVE.



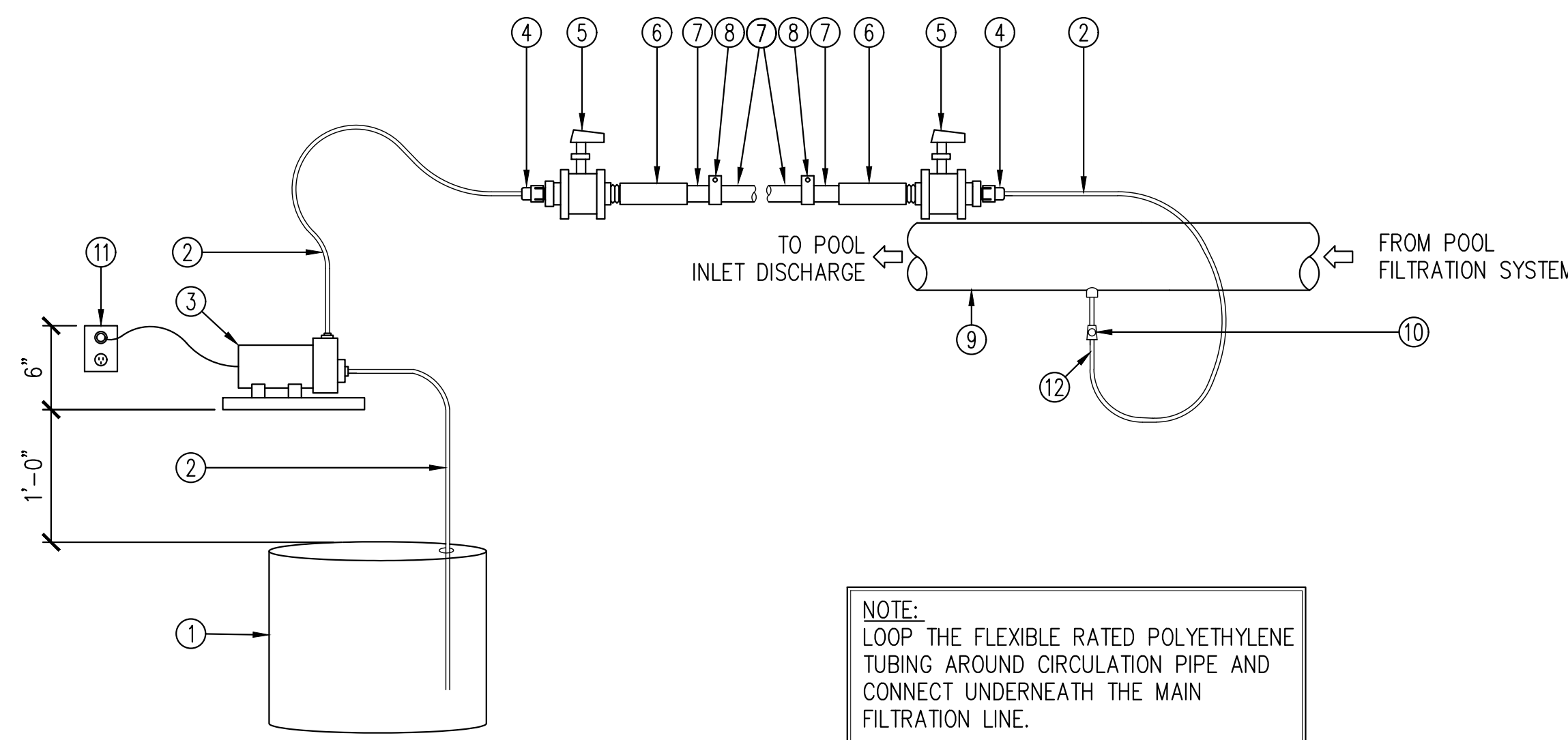
C ACCESS HATCH ASSEMBLY
SCALE: 1"=1'-0"

CONSTRUCTION NOTES:

1. USE CAUTION. COVER IS SPRING LOADED. DO NOT REMOVE SAFETY SHIPPING BOLT UNTIL UNIT IS TO BE INSTALLED AND IN NORMAL HORIZONTAL OPERATING POSITION.
2. BEFORE ANCHORING IN PLACE OPEN AND CLOSE DOOR. CHECK TO SEE THAT THE DOOR IN THE CLOSED POSITION RESTS ON THE FRAME ALL AROUND. IF NOT, SHIM UNDER THE FRAME AT THE PROPER CORNER.
3. FRAME AREAS THAT COME IN CONTACT WITH CONCRETE SHALL BE COATED WITH BITUMINOUS PAINT

KEY NOTES:

- 1 DOUBLE LEAF ACCESS HATCH W/ PAN COVER PER "EJ" MODEL# H60601701.
- 2 1" FILL (LANDSCAPE ARCHITECT TO MATCH SURROUNDING FINISH)
- 3 TERRAZZO REINFORCED WIRE MESH
- 4 1/4" ALUMINUM COVER
- 5 STAINLESS STEEL 3" PIANO HINGE
- 6 RED VINYL GRIP
- 7 EJ HEAVY DUTY AUTOMATIC HOLD OPEN ARM
- 8 LIFTING MECHANISM W/ REINFORCED COMPOSITE TUBES & COMPRESSION SPRINGS
- 9 1/4" SUPPORT PLATE WELDED TO FRAME
- 10 EJ 1/2" ALUMINUM CHANNEL W/ EXTRUDED 1" ANCHOR FLANGE
- 11 1/2" NEOPRENE CONTINUOUS BUMPER ALL AROUND
- 12 STANDARD SLAM LOCK
- 13 HEAVY DUTY CHECK CHAIN
- 14 REMOVABLE COVER PLUG
- 15 REMOVABLE SQUARE KEY WRENCH



D CHEMICAL FEED SYSTEM
SCALE: NTS

KEYNOTES

- 1 CHEMICAL TANK
- 2 FLEXIBLE PRESSURE RATED POLYETHYLENE TUBING SUPPLIED BY PUMP MANUFACTURER (MAX DISTANCES')
- 3 CHEMICAL FEED PUMP PER EQUIPMENT LIST
- 4 PIPE TO TUBE ADAPTER TYPICAL
- 5 ISOLATION VALVE
- 6 1/2" SCH. 80 PVC FIP FEMALE ADAPTER TYPICAL
- 7 1/2" SCH. 80 PVC PIPE TYPICAL
- 8 1/2" PIPE CLIP B-LINE #B3191 AT 24" O.C. MOUNTED TO WALL
- 9 POOL/SPA CIRCULATION PIPING
- 10 CHEMICAL INJECTOR SUPPLIED BY CHEMICAL PUMP MANUFACTURER
- 11 POWER OUTLET (ON/OFF CONTROL BY CHEMICAL CONTROLLER)
- 12 NEEDS TO BE ACCESSIBLE FROM THE GROUND BY PERSONNEL WITHOUT A LADDER

**CITY OF SANTA CLARITA
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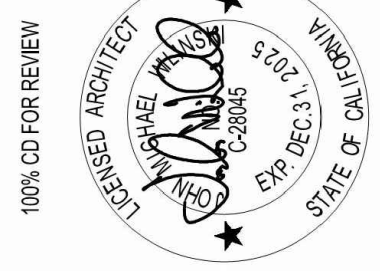
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REVISION:	09/30/2025	EXECUTOR DATE
PREPARED BY:	LAJ, BMD, JAL	EXECUTOR DATE
PROJECT NO.:	69315	EXECUTOR DATE
DATE:	09/30/2025	EXECUTOR DATE

IN ACCORDANCE WITH RESOLUTION NO. 19-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO BE CONSTRUCTED OR IMPROVED TO THE CITY OF SANTA CLARITA, I DO HEREBY DELEGATE TO THE CITY ENGINEER, IN HIS DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.

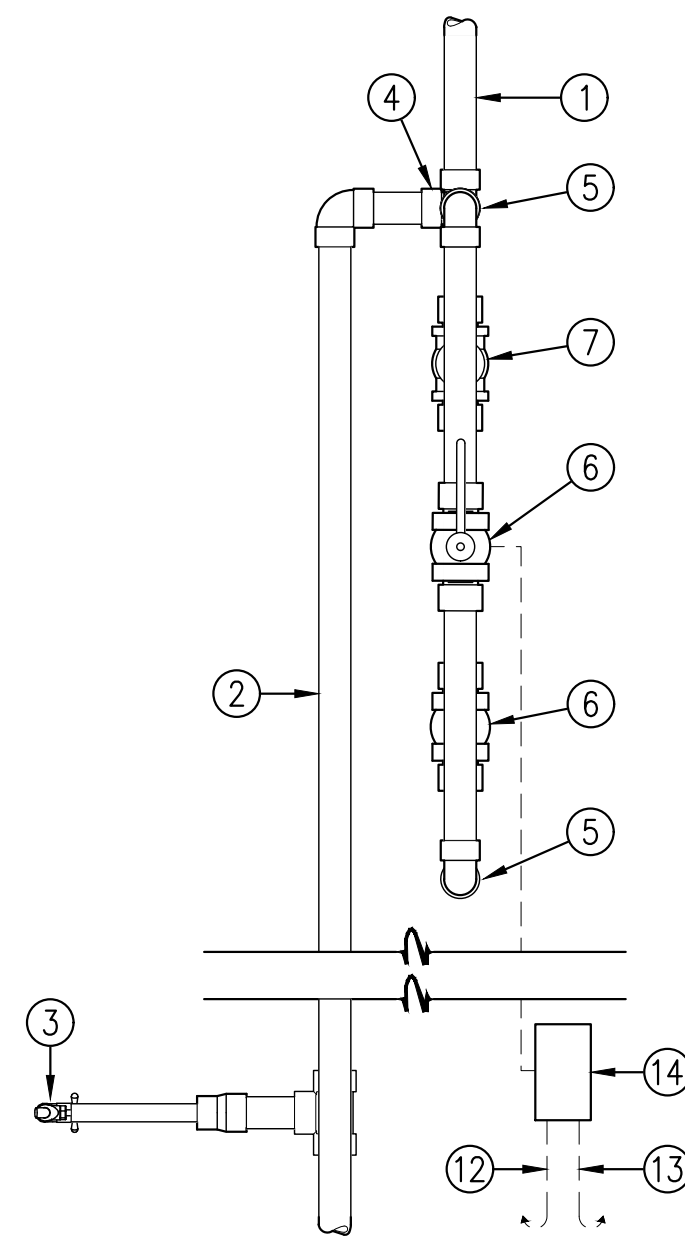


100% CD FOR REVIEW	DATE: 09/29/25
PROJECT ARCHITECT	SCALE: NTS
PREPARED BY: ZIRANG SONG	DESIGNED: J.P.
PROJECT ENGINEER	CHECKED: Z.S.
R.C.E. NO. --- # 69315	DATE: 09/29/25
EXP. 06/30/2026	

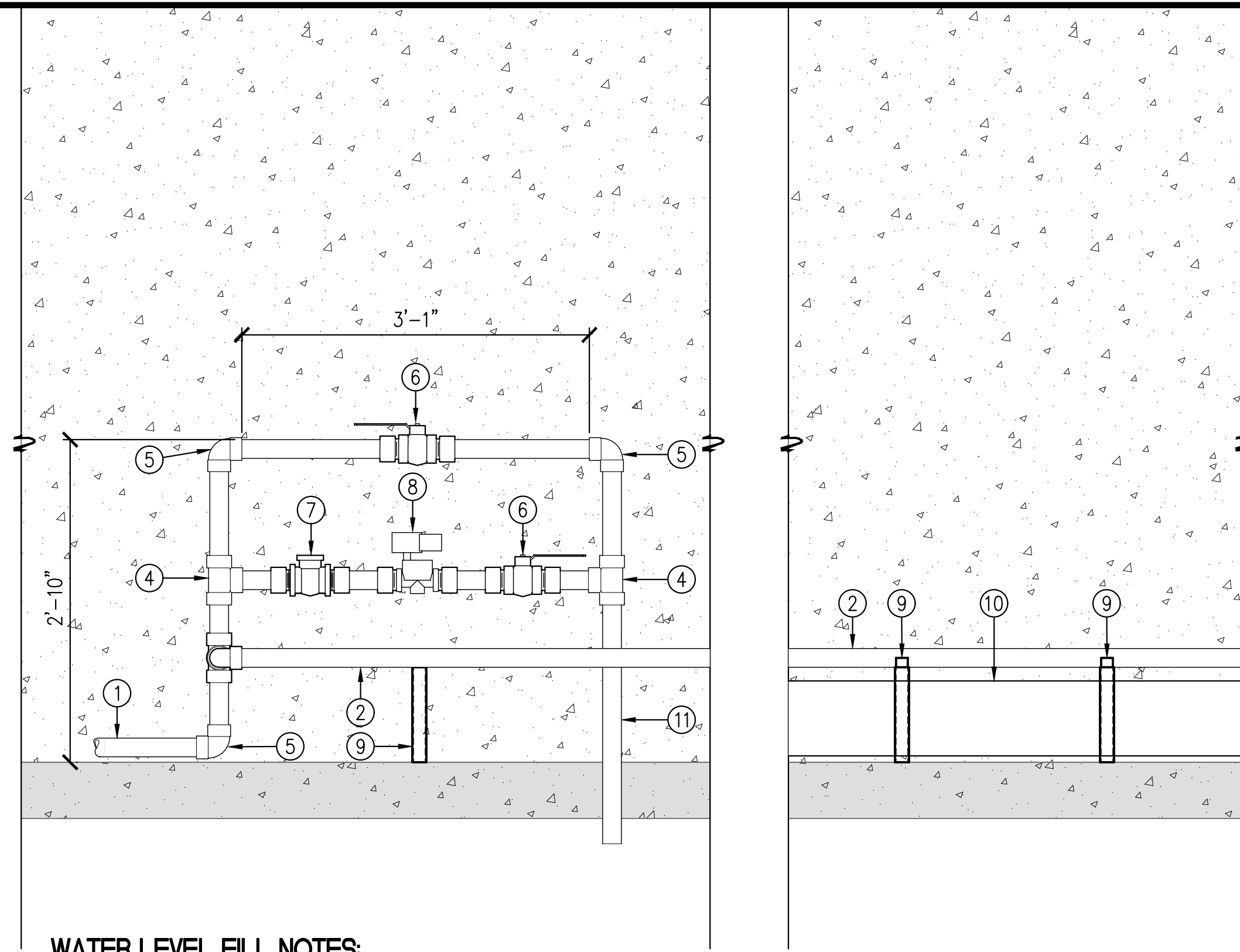
PUMP ROOM DETAILS

**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**

M4.0
36 OF 61 SHEETS
JOB NO. C258



E FILL WITH SOLENOID VALVE
SCALE: 1"=1'-0"

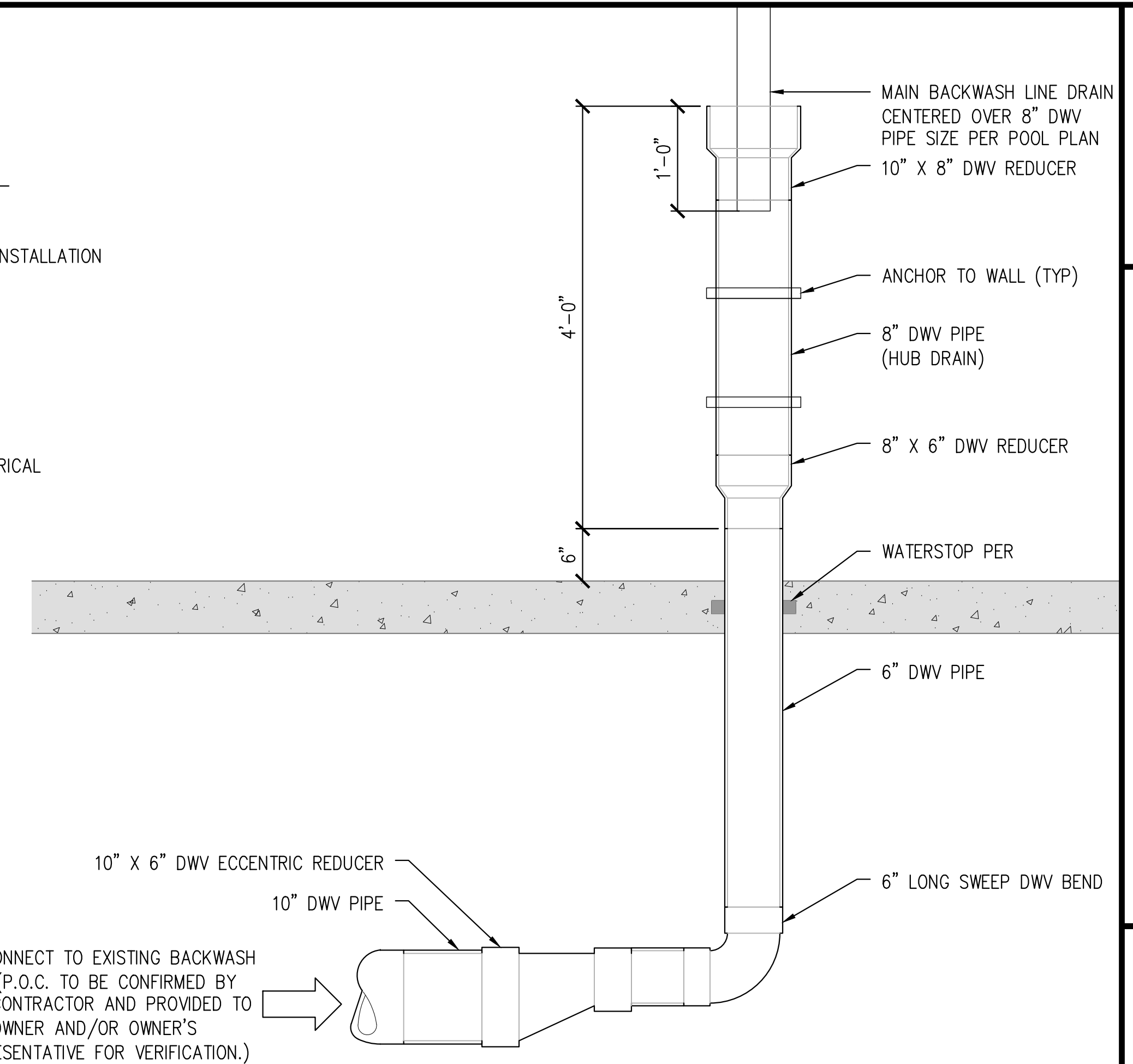


WATER LEVEL FILL NOTES:

1. A WATER LEVEL SENSOR IS LOCATED INSIDE WET WELL PER SHEET M2.1
2. THE WATER LEVEL CONTROLLER WILL OPEN A SOLENOID VALVE WHEN THE WATER LEVEL IS LOW.
3. THE WATER LEVEL CONTROLLER WILL CLOSE THE SOLENOID VALVE WHEN THE WATER LEVEL IS AT NORMAL WATER LEVEL.

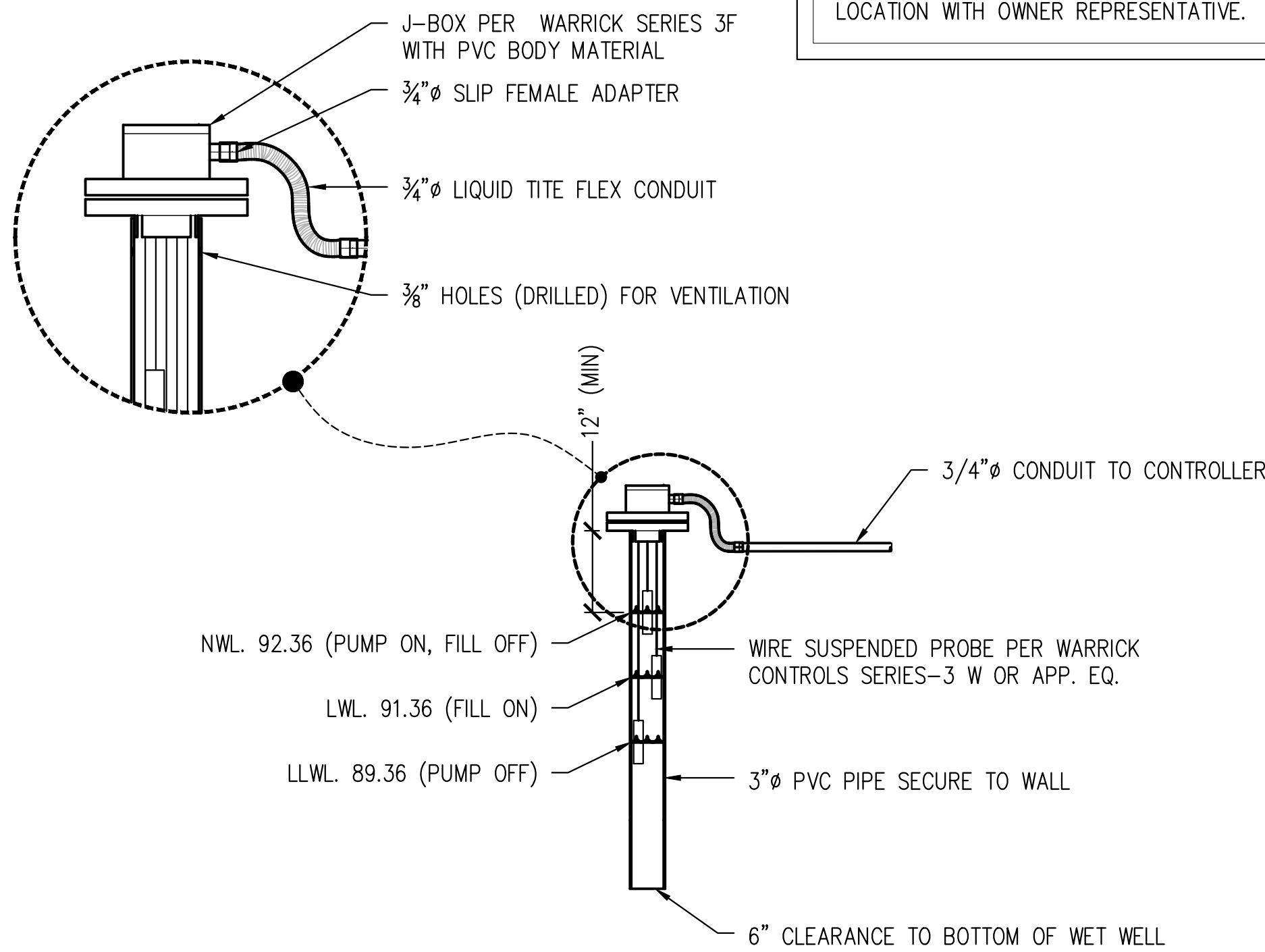
KEY NOTES:

- 1 2" DOMESTIC WATER LINE PER MEP PLANS.
- 2 2" LINE TO EYEWASH WITH UNDER CEILING INSTALLATION
- 3 3/4" HOSE BIB
- 4 2" SCH 80 PVC TEE
- 5 2" SCH 80 PVC 90° ELBOW
- 6 2" SCH 80 PVC BALL VALVE
- 7 2" SCH 80 PVC CHECK VALVE
- 8 2" SOLENOID VALVE TO CONNECT TO ELECTRICAL PANEL PER ELECTRICAL SHEETS
- 9 PIPE SUPPORT PER DETAIL **D** M4.3
- 10 8" PIPE TO FILTRATION SYSTEM
- 11 TO WET WELL AS INDECATED. PIPELINE TO TERMINATE ABOVE HIGH WATER LEVEL
- 12 115VAC POWER SUPPLY TO MAIN CONTROL PANEL.
- 13 24VAC TO WATER LEVEL SENSOR. SEE DETAIL F SHEET M4.1 FOR SENSOR DETAIL.
- 14 ELECTRONIC WATER LEVELER PER WARRICK. COMES WITH CONTROLLER, 1" SOLENOID VALVE, AND WATER LEVEL SENSOR.



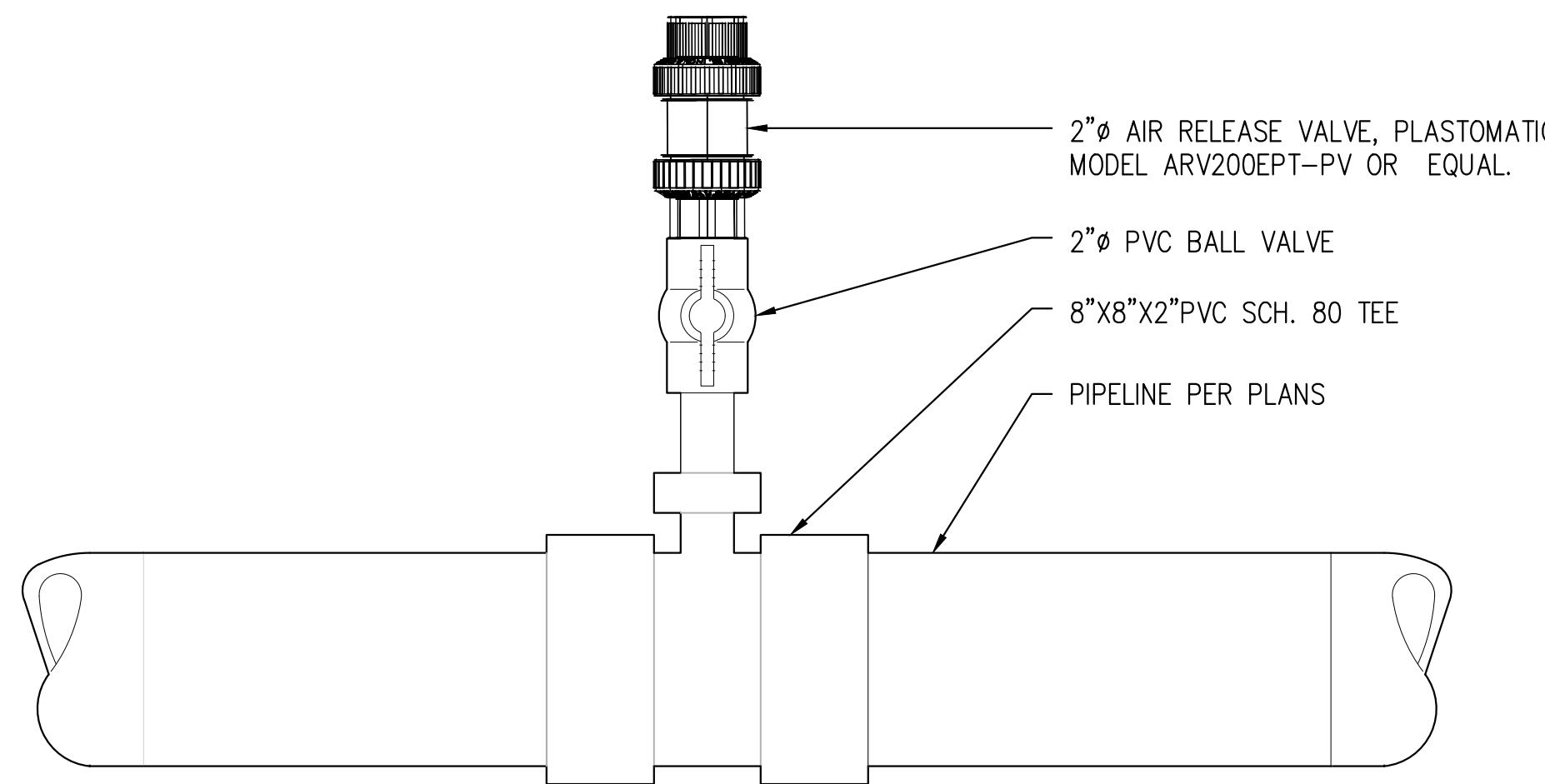
A STANDPIPE DETAIL
SCALE: 1"=1'-0"

TO CONNECT TO EXISTING BACKWASH PIPE (P.O.C. TO BE CONFIRMED BY THE CONTRACTOR AND PROVIDED TO THE OWNER AND/OR OWNER'S REPRESENTATIVE FOR VERIFICATION.)

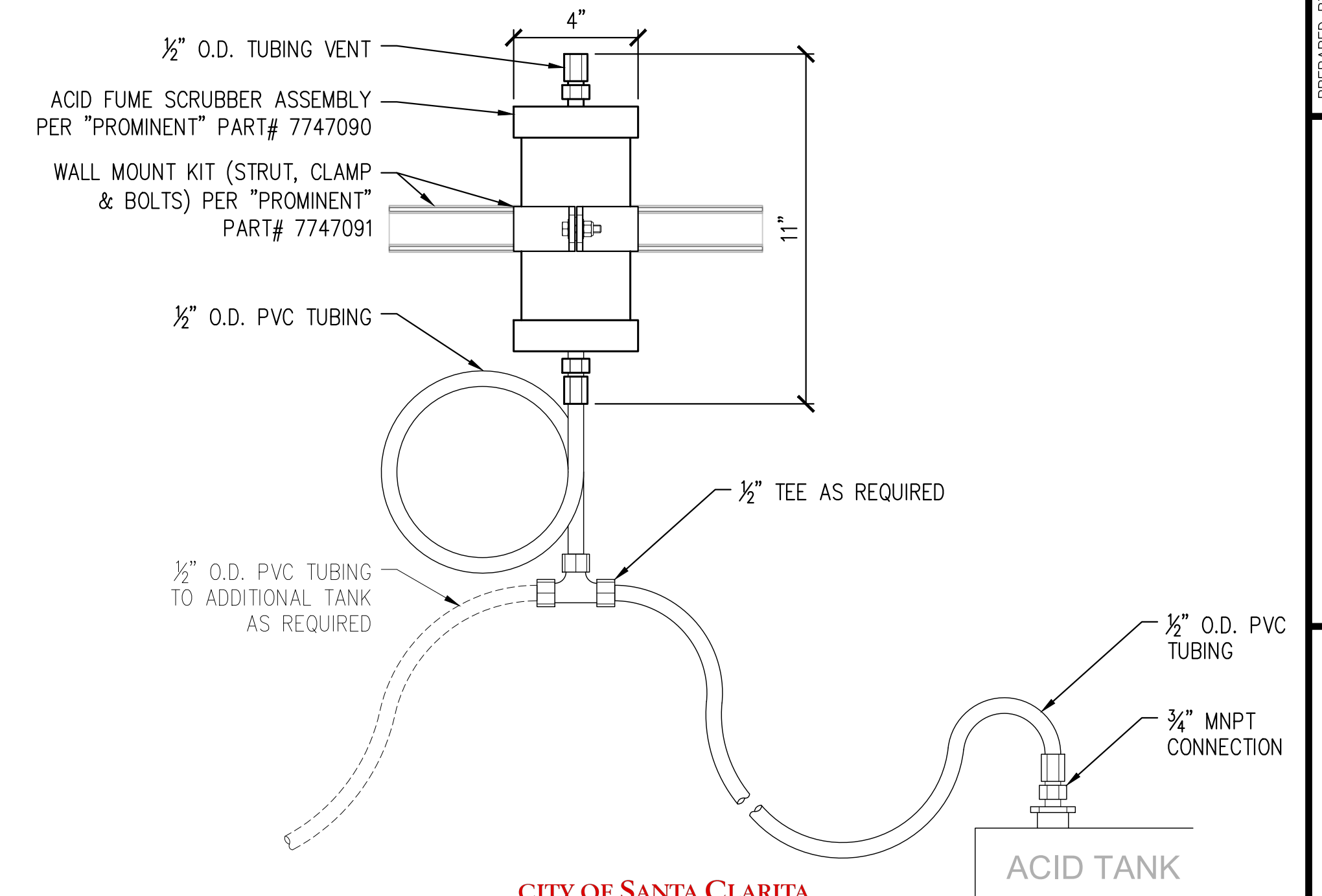


F LEVEL SENSOR DETAIL
SCALE: NTS

NOTE: FIELD LOCATE LEVEL CONTROL LOCATION WITH OWNER REPRESENTATIVE.



D AIR RELIEF VALVE DETAIL
SCALE: 2"=1'-0"



B CHEMICAL SCRUBBER DETAIL
SCALE: 1"=1'-0"

CITY OF SANTA CLARITA BUILDING & SAFETY
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REVISION:	09/30/2025	EXECUTOR DATE
DATE:	09/30/2025	EXECUTOR DATE
BY:	FM DESIGN	BY:
FM DESIGN		FM CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 18-5 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY OF THE CITY OF SANTA CLARITA, I DO HEREBY CONFER TO THE ARCHITECT DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG	SCALE:		DATE:	09/29/2025
PROJECT ENGINEER:	R.C.E. NO. -- # 69315	DESIGNED:	J.P.	CHECKED:	Z.S.
EXP.:	06/30/2026				

PUMP ROOM DETAILS

NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)
SANTA CLARITA CA

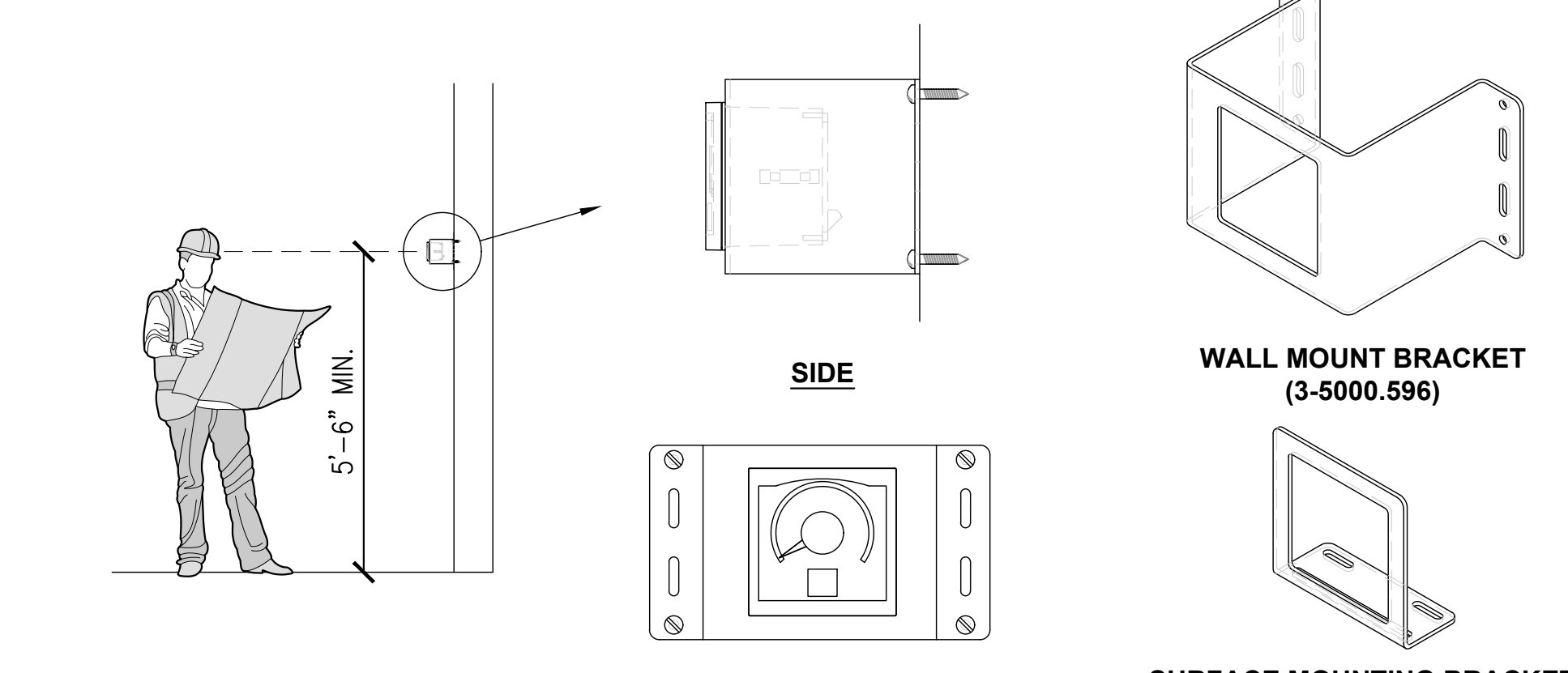
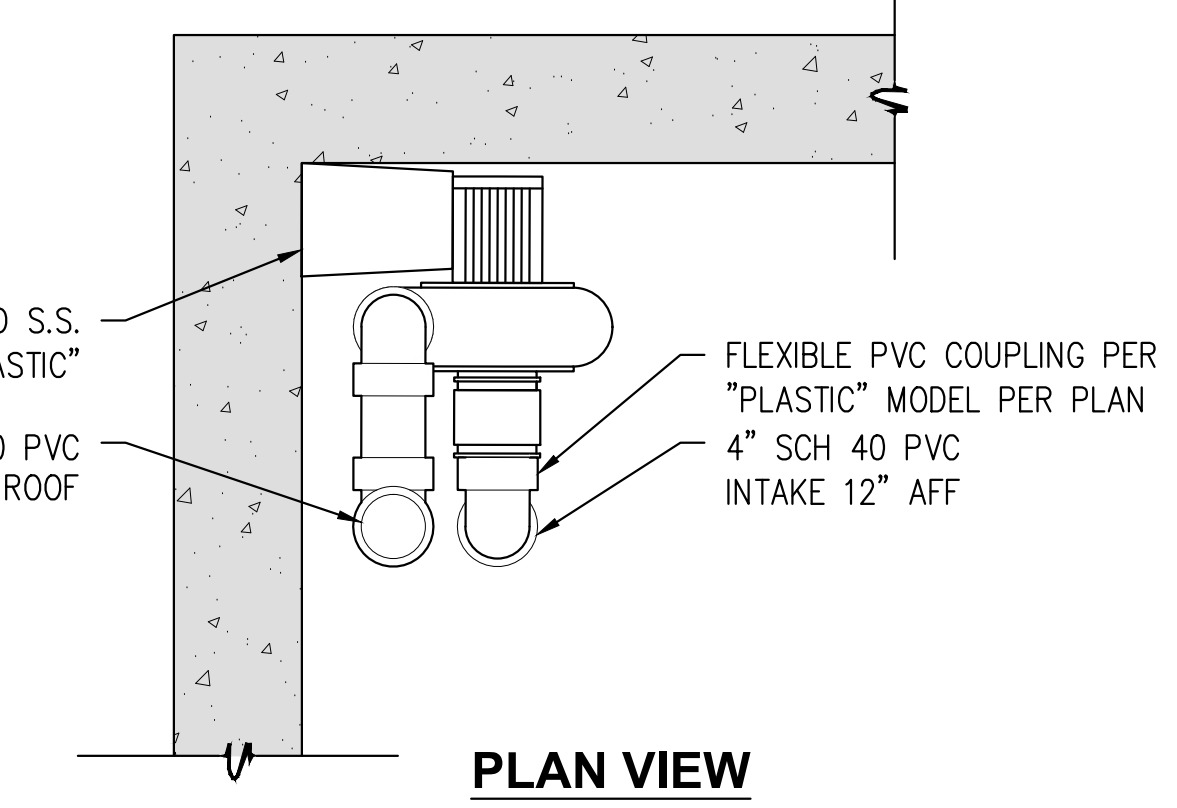
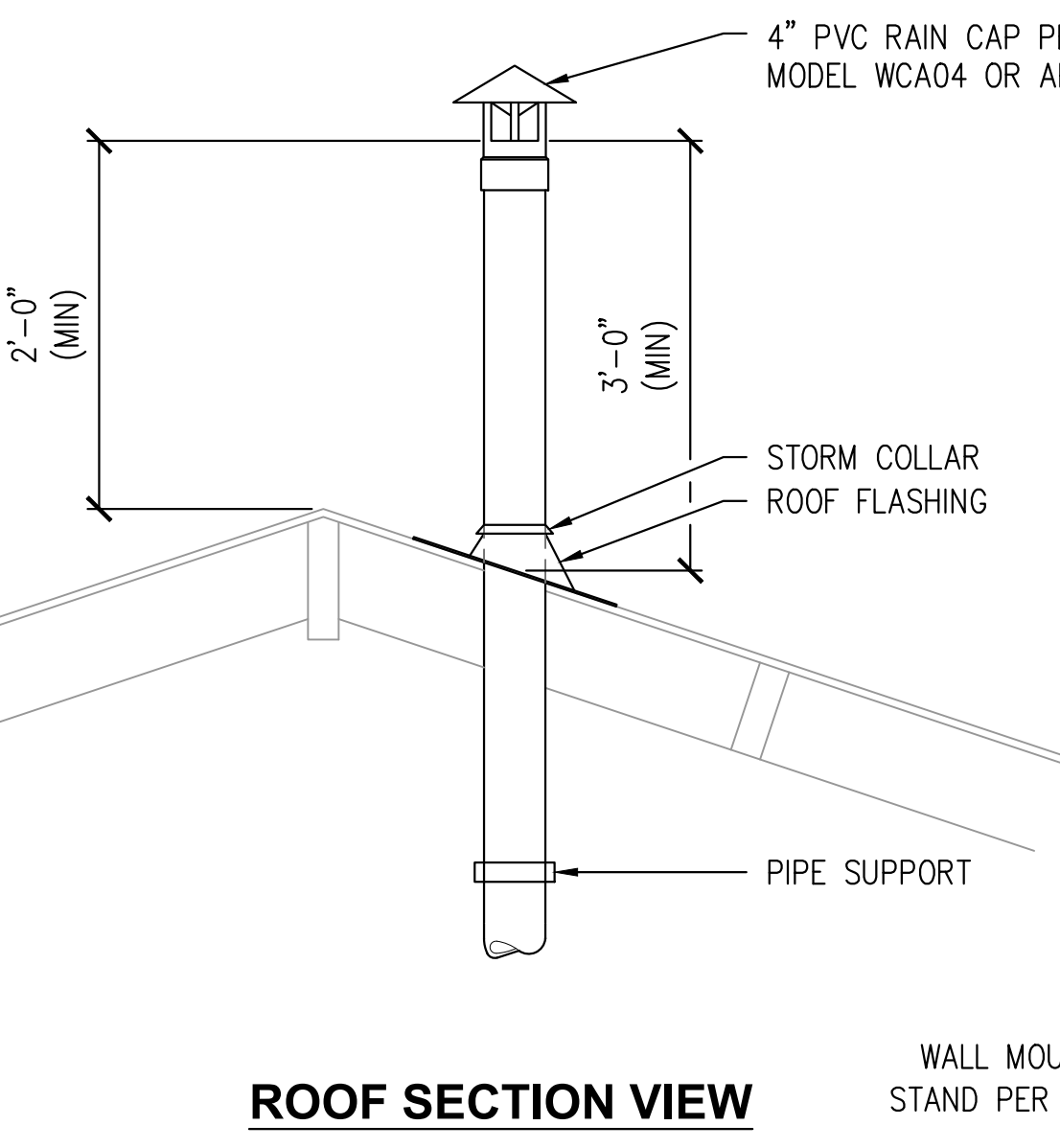
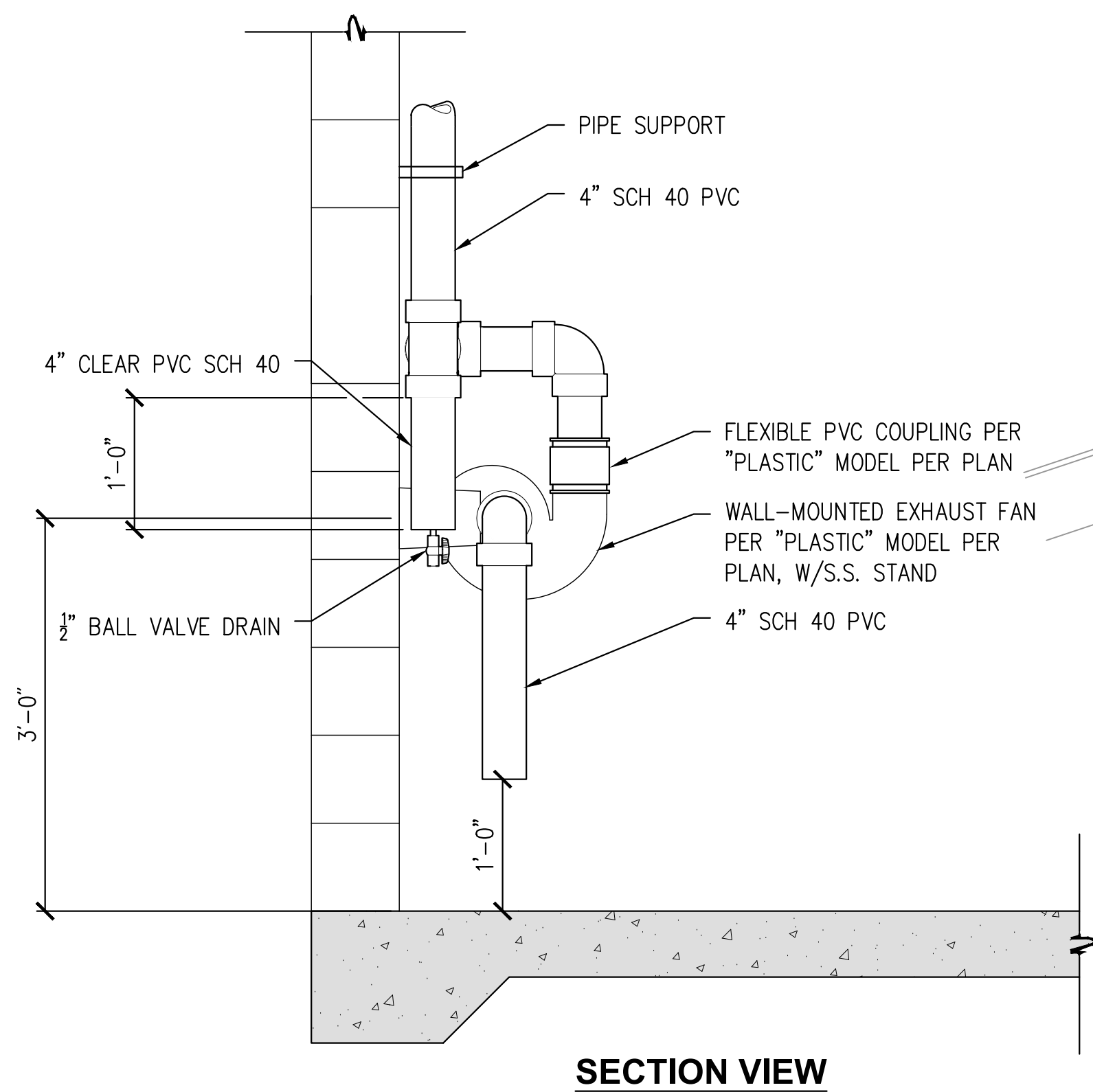
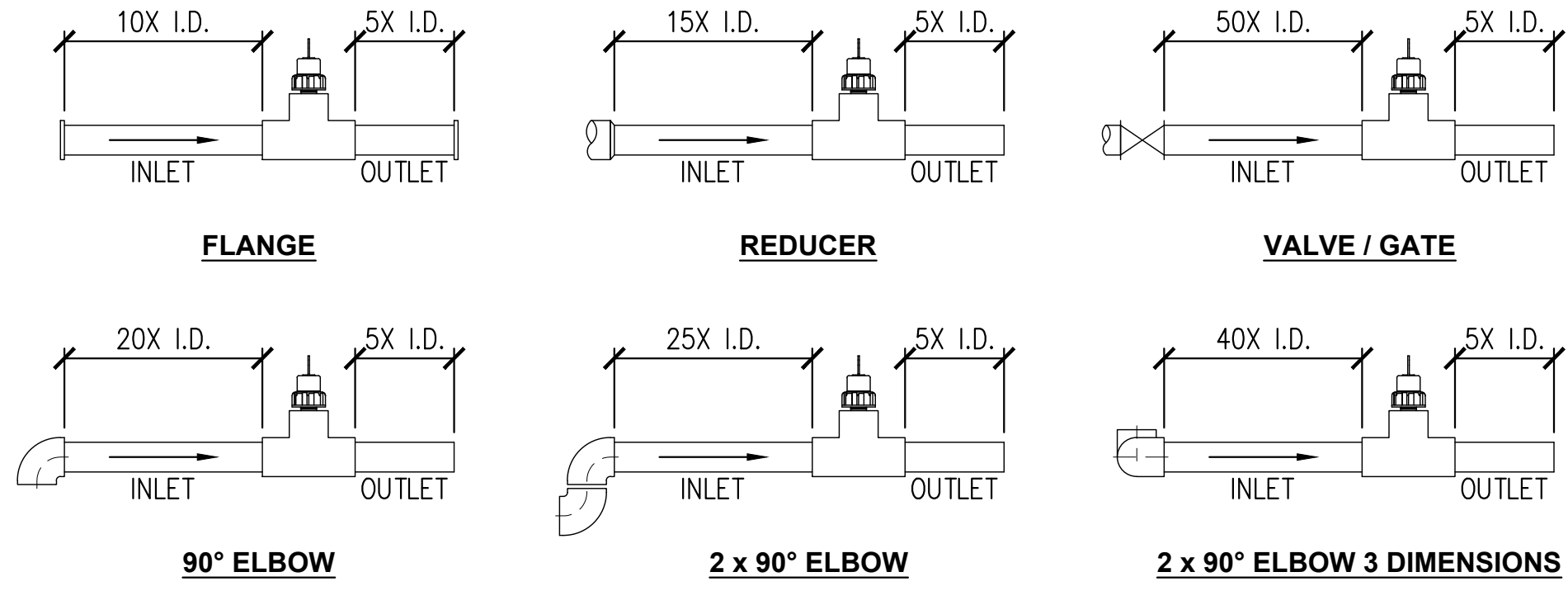
SHEET **M4.1**
37 OF 61 SHEETS
JOB NO. C258

INSTALLATION CONFIGURATION

SIX COMMON INSTALLATION CONFIGURATIONS ARE SHOWN HERE AS GUIDELINES TO HELP YOU SELECT THE BEST LOCATION IN THE PIPING SYSTEM FOR A PADDLEWHEEL FLOW SENSOR.

ALWAYS MAXIMIZE DISTANCE BETWEEN SENSORS AND PUMP SOURCES.

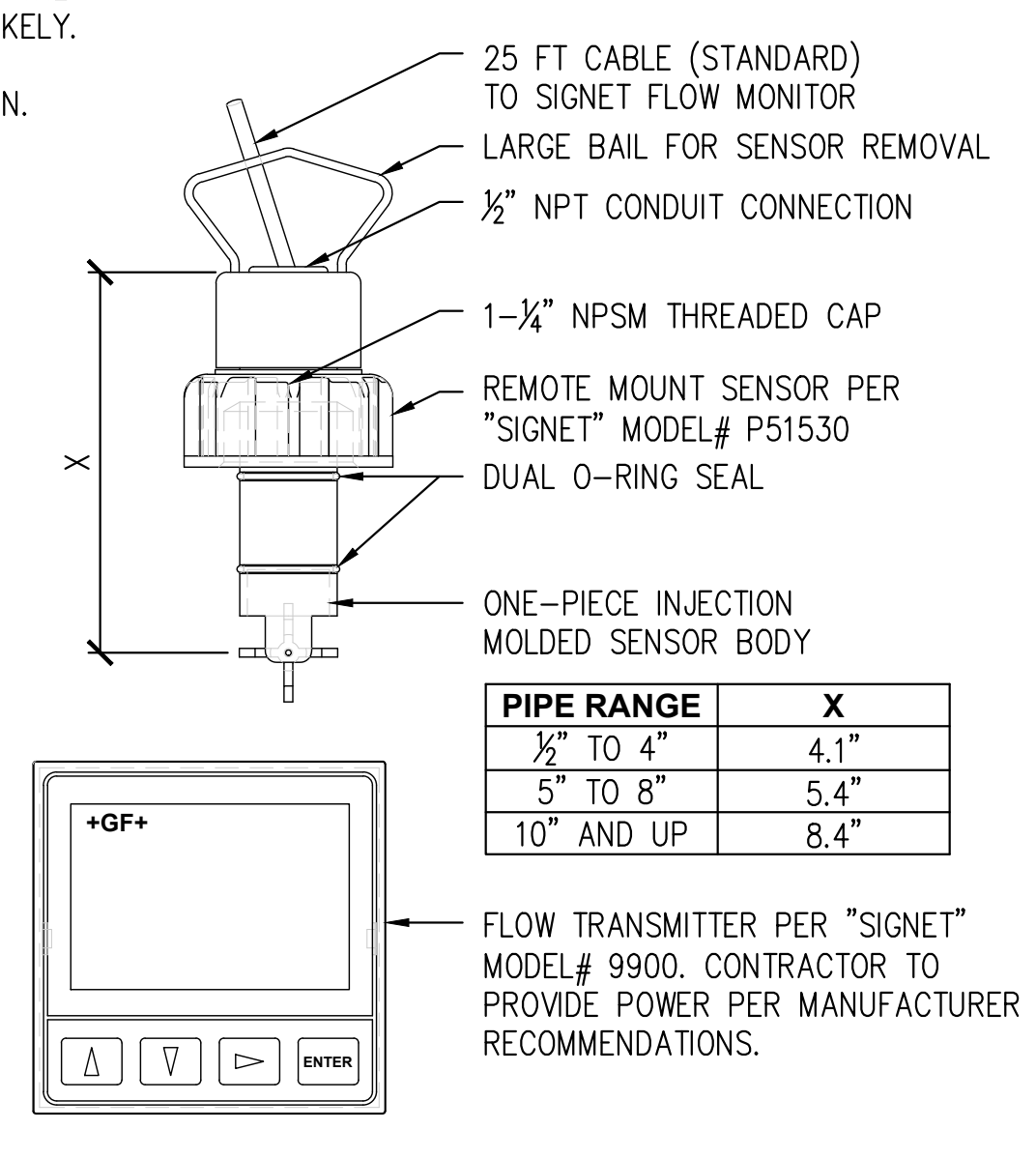
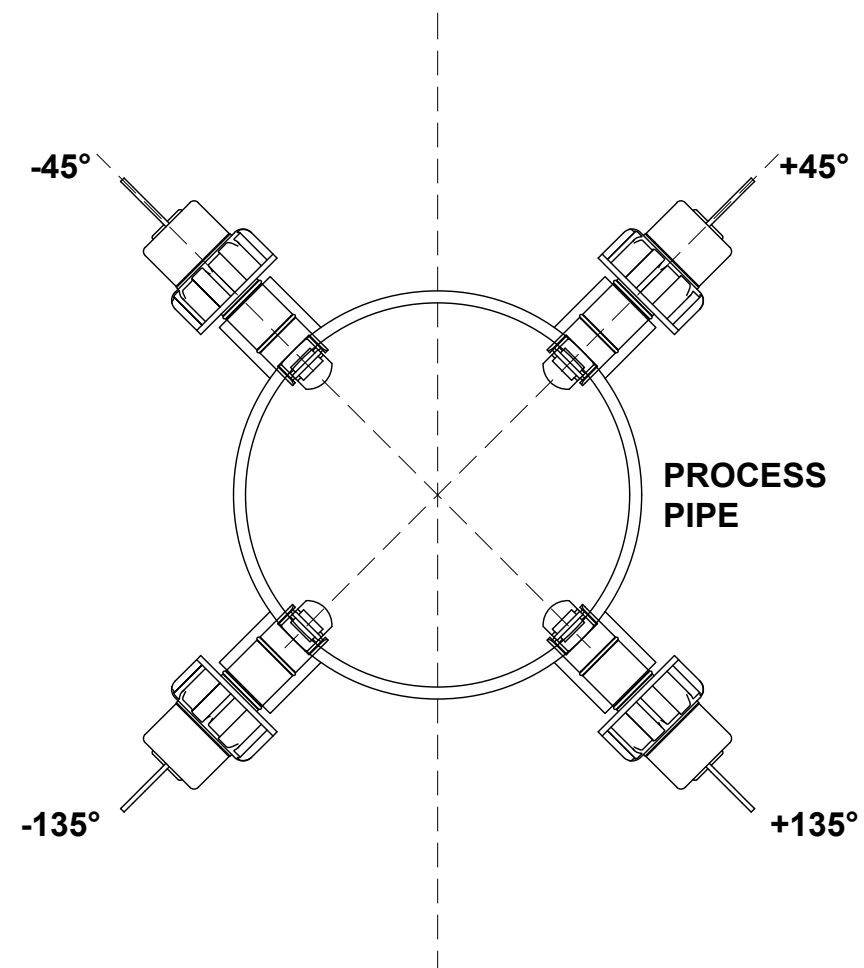
PIPE SIZE	FLANGE		REDUCER		VALVE/GATE		90° ELBOW		2 x 90° ELBOW		2 x 90° ELBOW 3D	
	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET
1/2"	5"	2 1/2"	7 1/2"	2 1/2"	2'-1"	2 1/2"	10"	2 1/2"	1'-0 1/2"	2 1/2"	1'-8"	2 1/2"
1"	10"	5"	1'-3"	5"	4'-2"	5"	1'-8"	5"	2'-1"	5"	3'-4"	5"
1 1/2"	1'-3"	7 1/2"	1'-10 1/2"	7 1/2"	6'-3"	7 1/2"	2'-6"	7 1/2"	3'-1 1/2"	7 1/2"	5'-0"	7 1/2"
2"	1'-8"	10"	2'-6"	10"	8'-4"	10"	3'-4"	10"	4'-2"	10"	6'-8"	10"
2 1/2"	2'-1"	1'-0 1/2"	3'-1 1/2"	1'-0 1/2"	10'-5"	1'-0 1/2"	4'-2"	1'-0 1/2"	5'-2 1/2"	1'-0 1/2"	8'-4"	1'-0 1/2"
3"	2'-6"	1'-3"	3'-9"	1'-3"	12'-6"	1'-3"	5'-0"	1'-3"	6'-3"	1'-3"	10'-0"	1'-3"
4"	3'-4"	1'-8"	5'-0"	1'-8"	16'-8"	1'-8"	6'-8"	1'-8"	8'-4"	1'-8"	13'-4"	1'-8"
6"	5'-0"	2'-6"	7'-6"	2'-6"	25'-0"	2'-6"	10'-0"	2'-6"	12'-6"	2'-6"	20'-0"	2'-6"
8"	6'-8"	3'-4"	10'-0"	3'-4"	33'-4"	3'-4"	13'-4"	3'-4"	16'-8"	3'-4"	26'-8"	3'-4"
10"	8'-4"	4'-2"	12'-6"	4'-2"	41'-8"	4'-2"	16'-8"	4'-2"	20'-10"	4'-2"	33'-4"	4'-2"
12"	10'-0"	5'-0"	15'-0"	5'-0"	50'-0"	5'-0"	20'-0"	5'-0"	25'-0"	5'-0"	40'-0"	5'-0"



SENSOR MOUNTING POSITION

HORIZONTAL PIPE RUNS: MOUNT SENSOR AT A 45° ANGLE TO AVOID AIR BUBBLES (PIPE MUST BE FULL). DO NOT MOUNT THE SENSOR ON BOTTOM OF THE PIPE IF SEDIMENTATION IS LIKELY.

VERTICAL PIPE RUNS: MOUNT SENSOR IN ANY ORIENTATION. UPWARD FLOW IS PREFERRED TO ENSURE FULL PIPE.

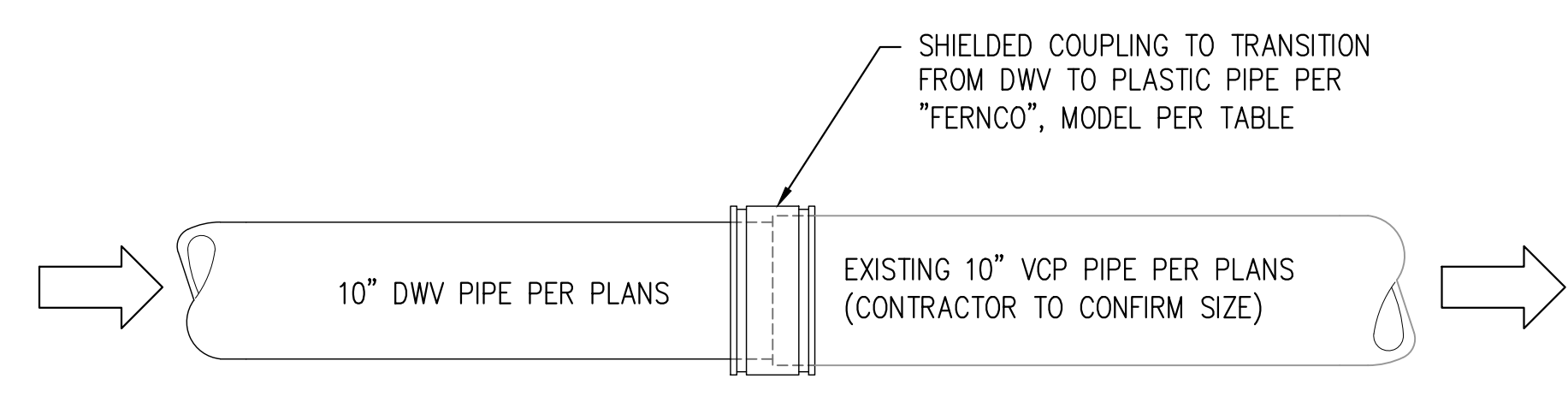


PIPE RANGE	X
1/2" TO 4"	4.1"
5" TO 8"	5.4"
10" AND UP	8.4"

FAN INSTALLATION DETAIL

REPAIR COUPLING TABLE	
SIZE	MODEL
10"X10"	1006-1010RC

NOTE:
1. SHIELDED COUPLING PER MANUFACTURER.
2. CONTRACTOR TO CONFIRM EXISTING VCP PIPE O.D. BEFORE PURCHASING COUPLING

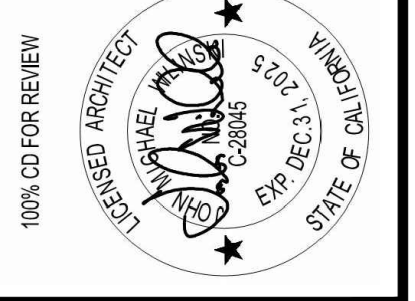


FLOW SENSOR DETAIL

EXISTING VCP TO PROPOSED DWV PIPE CONNECTION DETAIL

REVISION:	09/30/2025
DATE:	09/30/2025
BY:	PM-DESIGN
BY:	PM-CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 19-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AN IMPROVEMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT OR MODIFICATION TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG
PROJECT ENGINEER:	# 69315
EXP. DATE:	06/30/2026
DRAWN:	J.P.
DESIGNED:	J.P.
CHECKED:	Z.S.
SCALE:	
DATE:	03/2025

PUMP ROOM DETAILS

**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**

SANTA CLARITA CA



17520 Newhope Street, Suite 200 | Fountain Valley, CA 92708
P: (714) 481-7300 | www.pacewater.com

**CITY OF SANTA CLARITA
BUILDING & SAFETY**
APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen



BLD25-00576 (ARCH)

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REVISION:	09/30/2025
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BY:	PM-DESIGN
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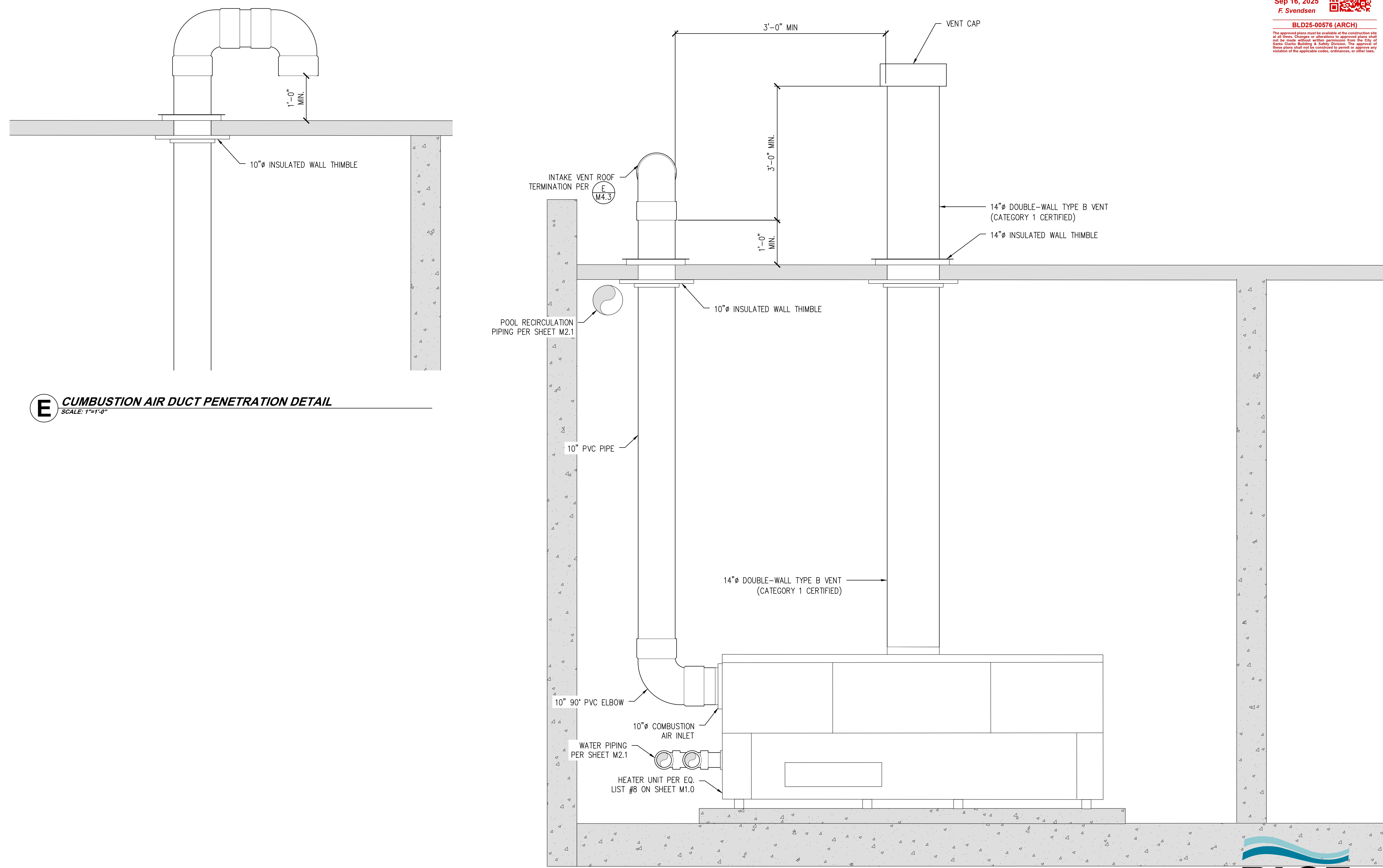


100% CD FOR REVIEW	DATE: 09/29/2025
PREPARED BY: ZHIRANG SONG	SCALE:
PROJECT ENGINEER R.C.E. NO. — # 69315	DESIGNED J.P.
EXP. 06/30/2026	CHECKED Z.S.

TITLE
PUMP ROOM DETAILS

**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**
SANTA CLARITA CA

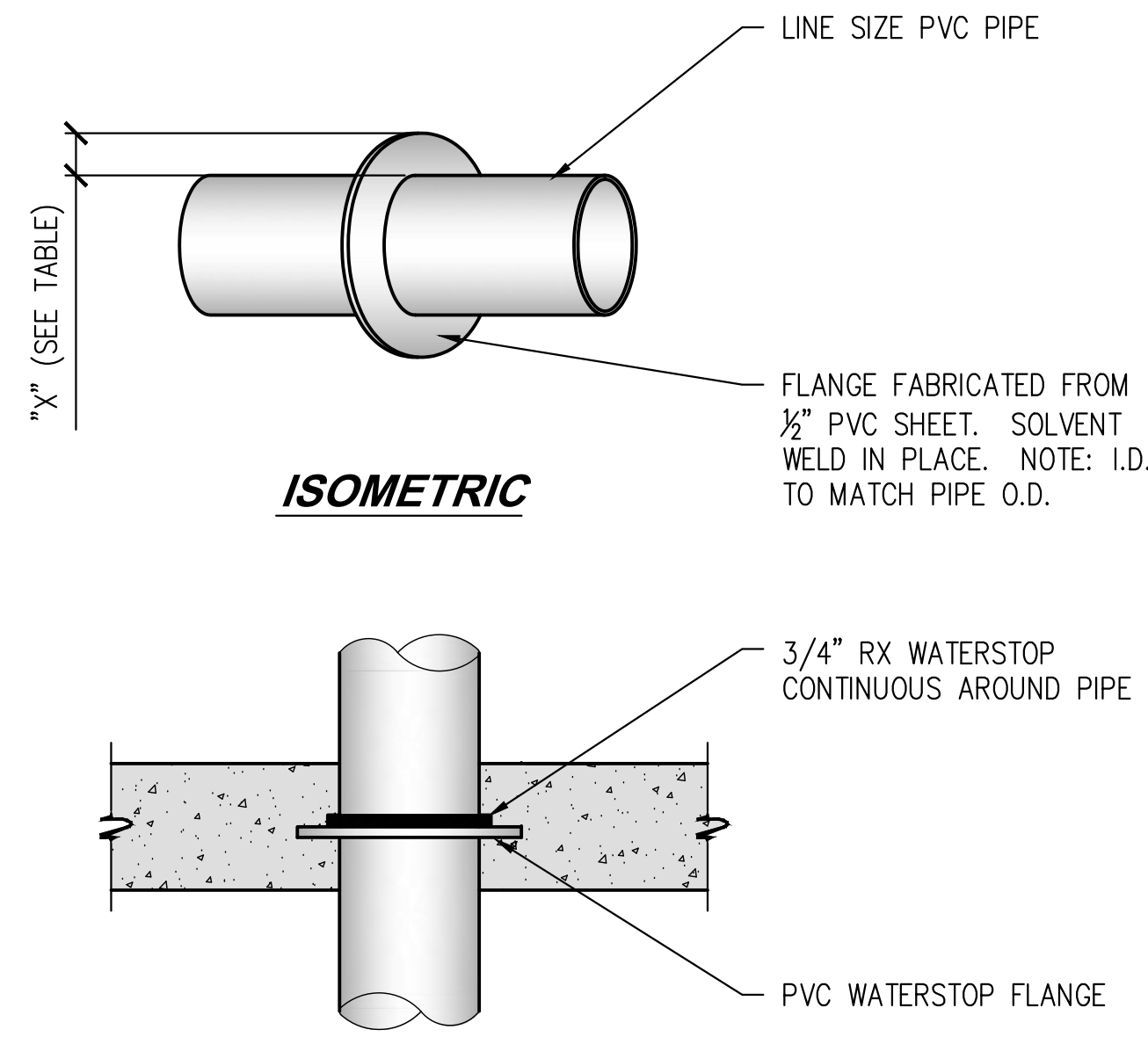
SHEET
M4.3
39 OF 61 SHEETS
JOB NO. C258



E CUMBUSION AIR DUCT PENETRATION DETAIL
SCALE: 1"=1'-0"

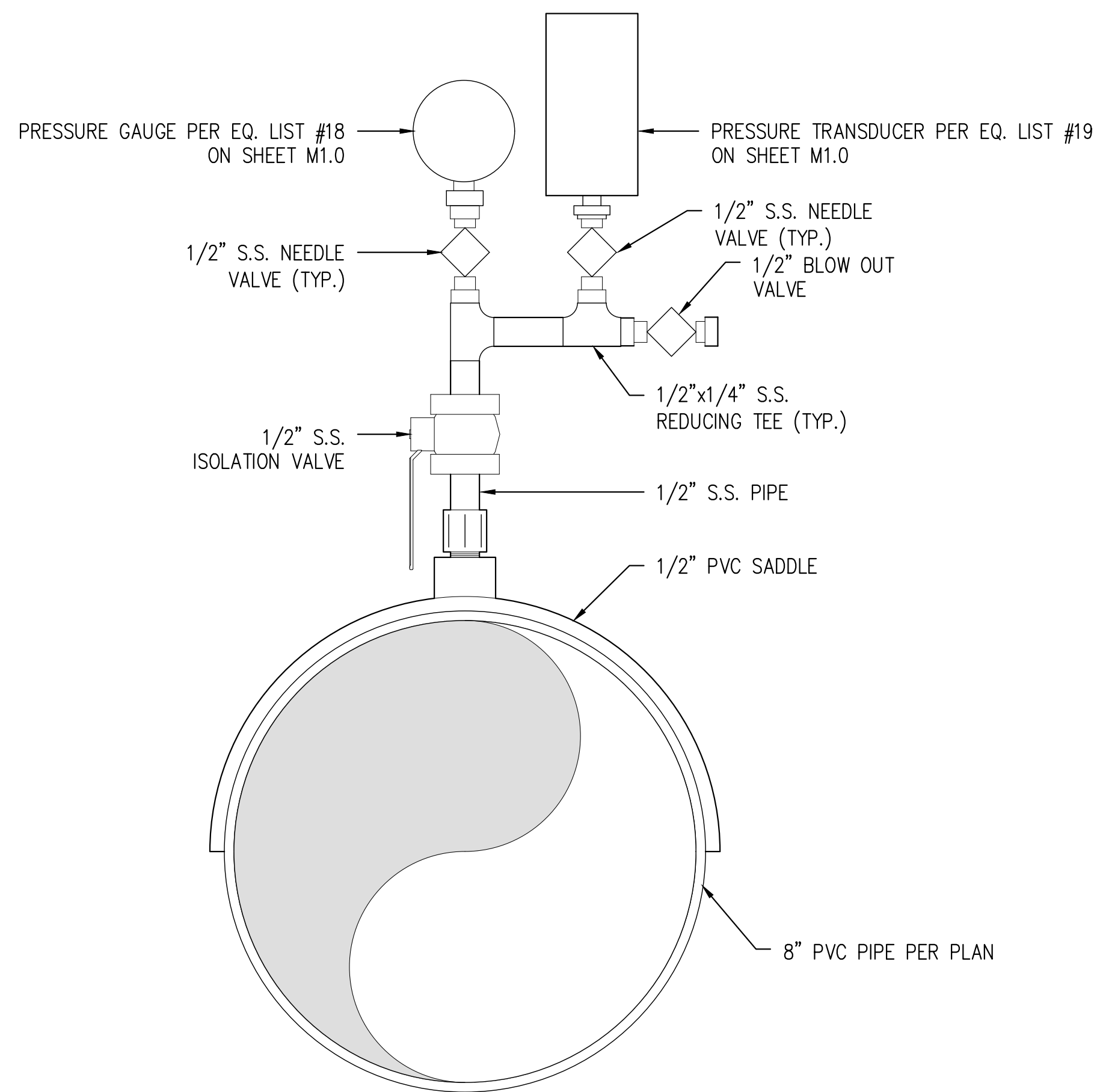
D HEATER VENTING DETAIL
SCALE: 1"=1'-0"

PIPE SIZE	"X"
6" Ø ABOVE	3"
3" TO 5"	2"
BELOW 3"	1.5"



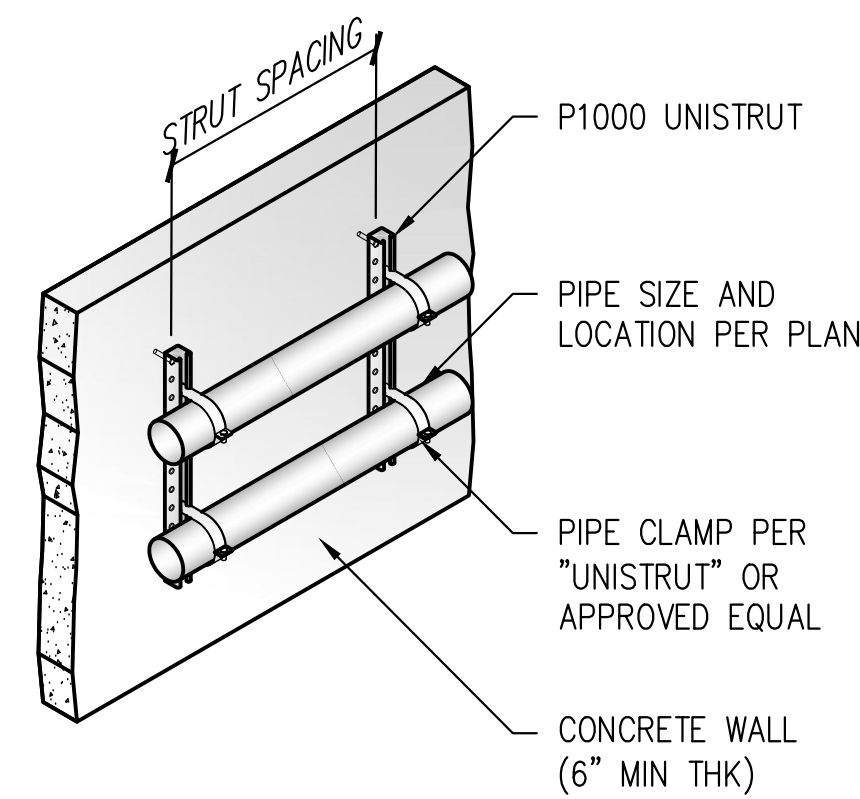
ISOMETRIC

E PVC WATERSTOP FLANGE
SCALE: NTS

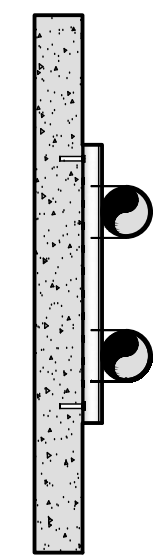


F PRESSURE GAUGE AND TRANSDUCER DETAIL
SCALE: 1"=1'-0"

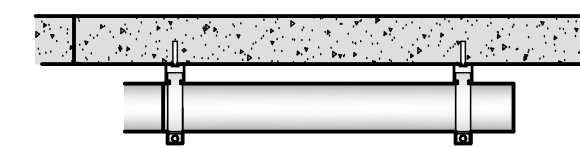
PVC PIPE SIZE	MAX. HANGING LOAD RATING (LBS)	STRUT SPACING	"HILTI" KWIKBOLT MODEL #	DIAMETER AND EMBED
3/8" TO 1/2"	400	4'-0"	KB-TZ (SS)	3/8"Ø, 2"
3/4" TO 1 1/4"	600	4'-5"	KB-TZ (SS)	3/8"Ø, 2"
1 1/2" TO 3"	800	5'-3/4"	KB-TZ (SS)	1/2"Ø, 2"
3 1/2" TO 5"	1000	8'-1/4"	KB-TZ (SS)	1/2"Ø, 3 1/4"
6" TO 12"	1000	10'-0"	KB-TZ (SS)	1/2"Ø, 3 1/4"



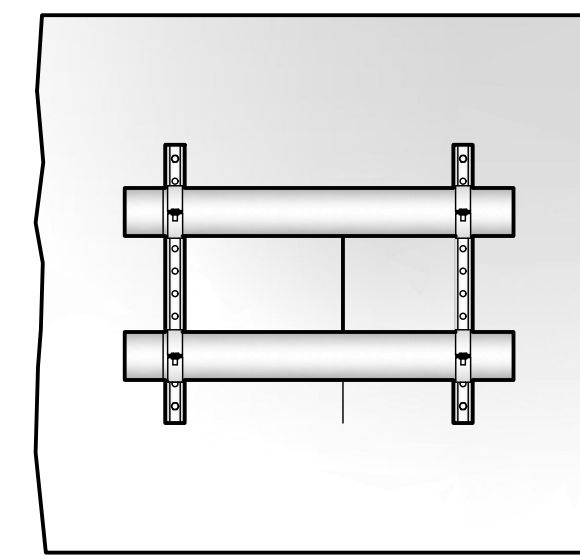
ISOMETRIC



SIDE



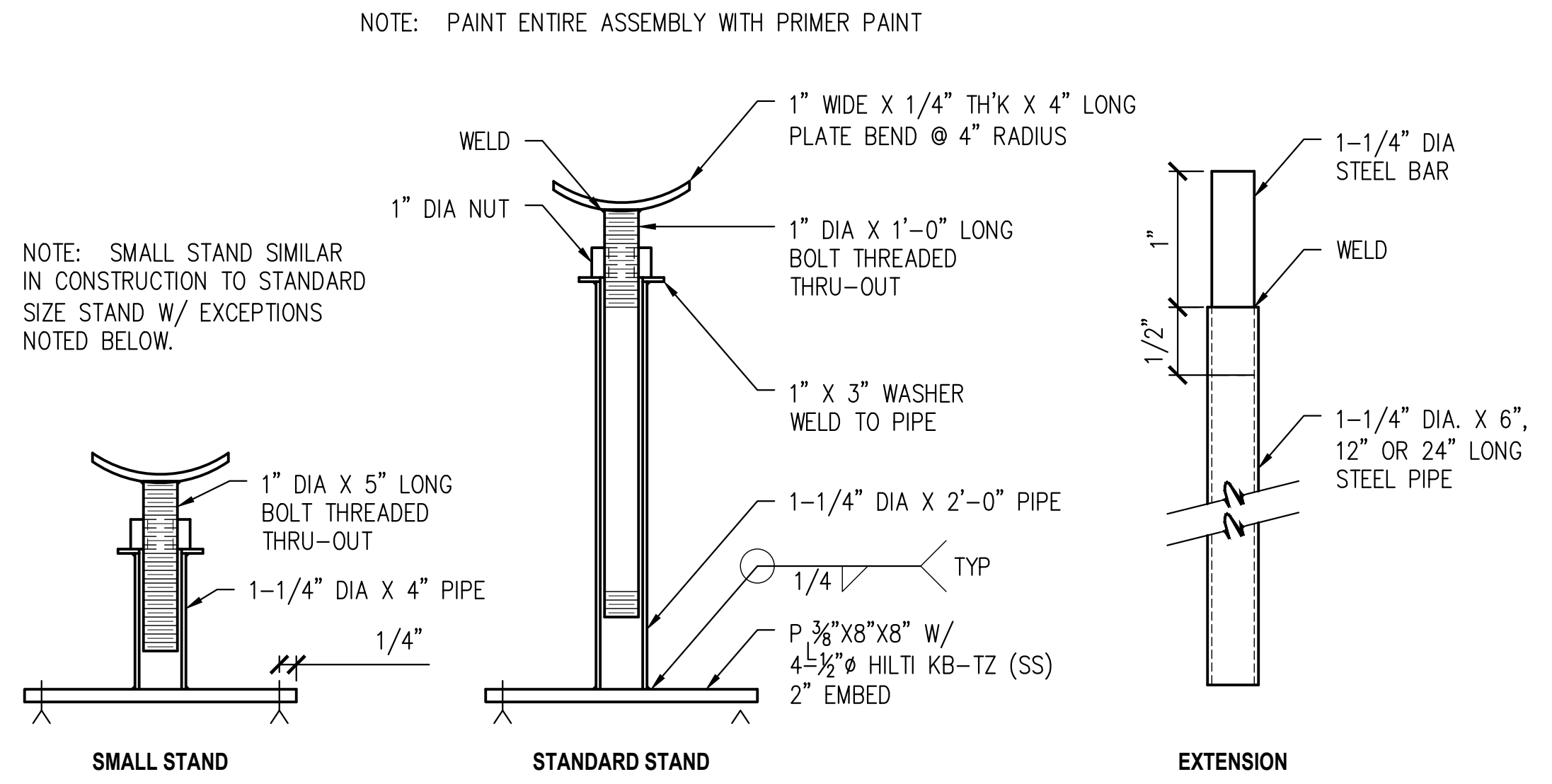
TOP



FRONT

PIPE SUPPORT AT WALL

D PIPE SUPPORT
SCALE: NTS

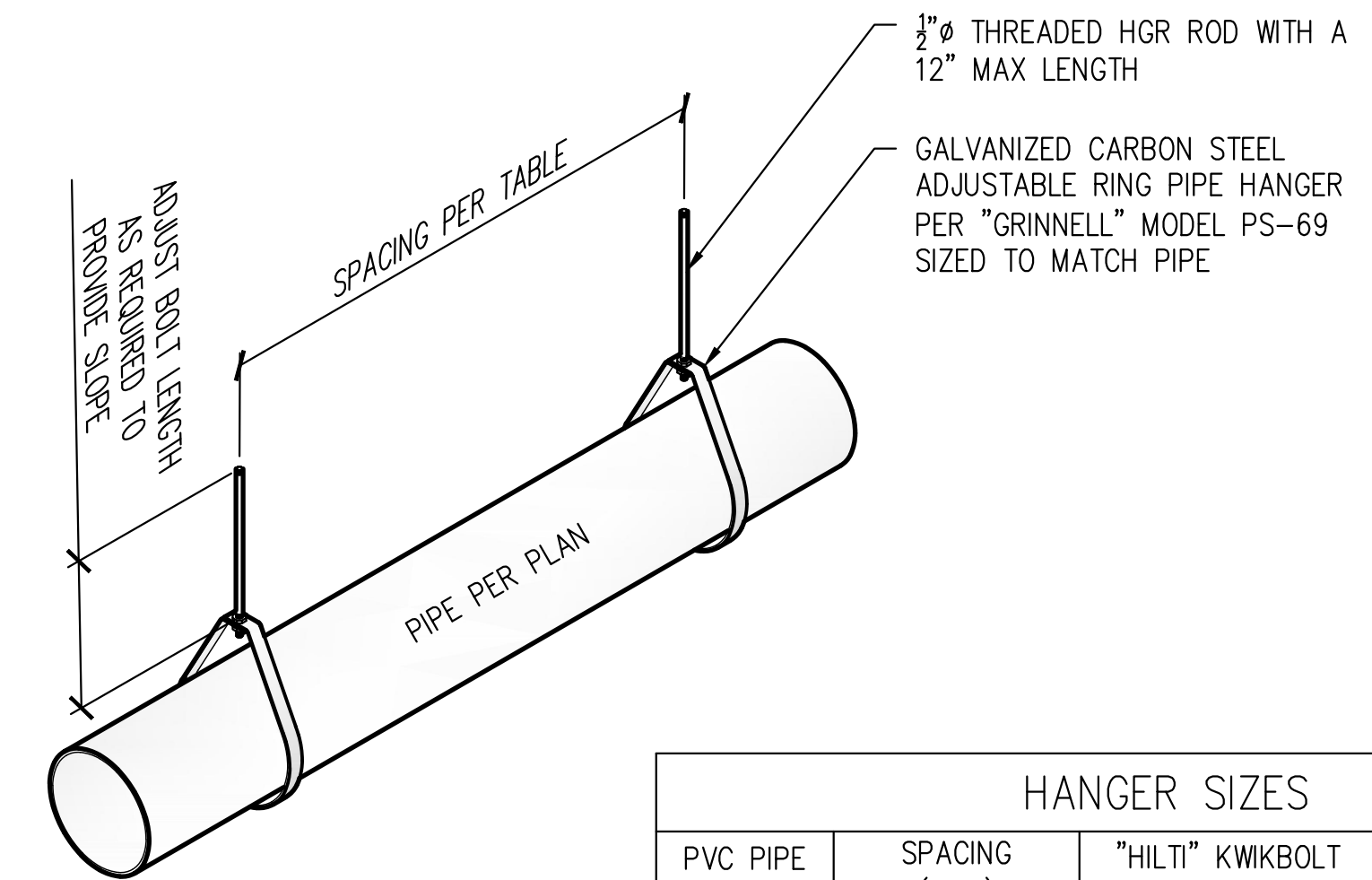


NOTE: SMALL STAND SIMILAR IN CONSTRUCTION TO STANDARD SIZE STAND W/ EXCEPTIONS NOTED BELOW.

NOTE: PAINT ENTIRE ASSEMBLY WITH PRIMER PAINT

REV. 07/03/02

PIPE STAND 10" OR SMALLER



HANGER SIZES			
PVC PIPE SIZE	SPACING (MAX)	"HILTI" KWIKBOLT MODEL #	DIAMETER AND EMBED
1/2" to 2"	2'-6"	kb-tz2 (ss)	3/8"Ø, 2"
2"	4'-6"	kb-tz2 (ss)	1/2"Ø, 2"
3"	5'-0"	kb-tz2 (ss)	1/2"Ø, 2"
4"	6'-0"	kb-tz2 (ss)	1/2"Ø, 3 1/4"
6"	6'-6"	kb-tz2 (ss)	1/2"Ø, 3 1/4"
8"	7'-6"	kb-tz2 (ss)	1/2"Ø, 3 1/4"

NOTE: ATTACH EXPANSION ANCHORS INTO A CONCRETE SLAB WITH A 6" MINIMUM THICKNESS OR INTO A 3 1/4" CONCRETE OVER A 3" METAL DECK.

PIPE HANGER

CITY OF SANTA CLARITA
BUILDING & SAFETY
APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
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PACE
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17520 Newhope Street, Suite 200 - Fountain Valley, CA 92708
P: (714) 481-7300 | www.pacewater.com

100% CD FOR REVIEW
LICENSED ARCHITECT
STATE OF CALIFORNIA
NO. 69315
EXP. 06/30/2026

PREPARED BY: ZIRANG SONG
PROJECT ENGINEER
R.C.E. NO. -- # 69315
EXP. 06/30/2026
SCALE: --
DRAWN: J.P.
DESIGNED: J.P.
CHECKED: Z.S.
DATE: 03/2025

PUMP ROOM DETAILS

NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)
SANTA CLARITA CA

REVISION: 09/30/2025
DATE: 09/30/2025
BY: [Signature]
CHECKED: [Signature]
APPROVED: [Signature]

IN ACCORDANCE WITH RESOLUTION NO. 18-5 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, BY THE CITY ENGINEER, ARCHITECT, OR PROFESSIONAL ENGINEER, IS REFERRED TO ENFORCE THE CODE SECTION 83A.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY TO ENFORCE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AN IMPROVEMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, BY SIGNATURE AND DATE IS AFFIXED.

ELECTRICAL GENERAL NOTES:

- ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (2020 NEC) AS AMENDED BY THE CALIFORNIA ELECTRICAL CODE (2022 CEC), CALIFORNIA ENERGY CODE TITLE 24 (2022 CEC), CALIFORNIA BUILDING CODE (2022 CBC) AND THE CITY OF SANTA CLARITA MUNICIPAL CODE.
- ALL WORK SHALL BE DONE IN A NEAT, WORKMANLIKE, FINISHED AND SAFE MANNER, ACCORDING TO THE LATEST PUBLISHED NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION STANDARDS OF INSTALLATION, UNDER COMPETENT SUPERVISION.
- CONTRACTOR SHALL VISIT THE SITE PRIOR TO CONSTRUCTION TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND ALL OTHER FACTORS WHICH MAY AFFECT THE EXECUTION OF THIS WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING WALKS, PARKING SPOTS, WALLS, DRIVEWAYS, CURBS, LANDSCAPE, TREES, IRRIGATION, ETC. DAMAGES SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL PAY FOR LOCAL FEES, PERMITS AND INSPECTIONS AS MAY BE REQUIRED AND PROVIDE A CERTIFICATE OF INSPECTION TO THE CITY.
- LEAVE THE SITE CLEAN, REMOVE ALL DEBRIS, EMPTY CARTONS, TOOLS, CONDUIT, WIRE SCRAPS AND ALL MISCELLANEOUS SPARE EQUIPMENT AND MATERIALS USED IN THE WORK DURING CONSTRUCTION.
- IT IS THE OBLIGATION OF THE CONTRACTOR TO ORGANIZE HIS WORK SO THAT A COMPLETE ELECTRICAL, INSTRUMENTATION, AND CONTROL SYSTEM FOR THE FACILITY WILL BE PROVIDED AND SUPPORTED BY ACCURATE SHOP AND RECORD DRAWINGS, AND ALL O & M MANUALS.
- ALL CABLES SHALL BE NEW, COPPER, RATED FOR 600V AND LISTED FOR ITS LOCATION WITH A MINIMUM TEMPERATURE RATING OF 90 DEG. C.; POWER CABLES SHALL BE TYPE XHHW-2 UNLESS NOTED OTHERWISE.
- MINIMUM SIZE CONDUIT ABOVE GROUND SHALL BE 3/4". MINIMUM SIZE CONDUIT BELOW GROUND SHALL BE 1" UNLESS NOTED OTHERWISE. ALL CONDUITS FOR POWER AND LIGHTING SHALL CONTAIN A PROPERLY SIZED GROUNDING CONDUCTOR.
- MINIMUM SIZE POWER CONDUCTORS SHALL BE #12 AWG UNLESS NOTED OTHERWISE.
- ALL WIRE TERMINATIONS SHALL HAVE A MINIMUM TEMPERATURE RATING OF 75 DEG C, AS SUCH, WIRE AMPACITIES ARE CALCULATED ON 75 DEG C RATINGS.
- CONDUIT SIZE SHALL BE AS SPECIFIED IN THE PLANS OR DETAILS. UNDERGROUND CONDUIT SHALL BE PVC COATED GRS, ENCASED IN CONCRETE, MINIMUM 24" BELOW GROUND. ABOVE-GROUND CONDUIT SHALL BE PVC COATED GALVANIZED RIGID STEEL (RMC).
- GROUND AND BOND ALL EQUIPMENT AND ENCLOSURES PER NEC ARTICLE 250 AND MANUFACTURER REQUIREMENTS.
- CONTRACTOR SHALL PLAN AND INSTALL WORK IN SUCH A MANNER AS TO CONFORM TO THE STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM AND KEEP OPENINGS AND PASSAGEWAYS CLEAR.
- CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIAL, ETC. NECESSARY FOR A COMPLETE AND WORKABLE ELECTRICAL SYSTEM WHETHER OR NOT THESE ITEMS ARE SPECIFICALLY NOTED ON THESE DRAWINGS. INCIDENTAL ITEMS NOT INDICATED ON THE DRAWINGS, NOR MENTIONED IN SPECIFICATIONS THAT CAN BE LEGITIMATELY AND REASONABLY INFERRED TO BELONG TO THE WORK DESCRIBED OR BE NECESSARY IN GOOD PRACTICE TO PROVIDE A COMPLETE SYSTEM, SHALL BE FURNISHED AND INSTALLED AS THOUGH ITEMIZED HERE IN EVERY DETAIL.
- ALL TRENCHING, CONDUITS, ETC. SHALL BE ROUTED AND INSTALLED IN SUCH A MANNER THAT WILL NOT DAMAGE EXISTING FACILITIES OR UNDERGROUND UTILITIES. SHOULD DAMAGE OCCUR, IT WILL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR DAMAGE TO THE SATISFACTION OF THE OWNER OR INSPECTOR.
- ALL CONDUIT RUNS SHOWN ON THIS PLAN ARE SCHEMATIC IN NATURE. THE CONTRACTOR SHALL MAKE SURE THAT ALL CONDUIT INSTALLATIONS MEETS LOCAL AND STATE CODES.
- WHEN CROSSING PATHWAYS OR SIDEWALKS, CONTRACTOR SHALL BORE UNDER EXISTING CONCRETE WALKS AND SAWCUT ASPHALT WALKS. ASPHALT WALKS AND CONCRETE SIDEWALKS TO BE REPLACED IN KIND.
- CONTRACTOR SHALL GUARANTEE WORK INSTALLED UNDER THE CONTRACT TO BE FREE FROM DEFECTIVE WORKMANSHIP AND MATERIALS, USUAL WEAR EXPECTED, AND SHOULD ANY SUCH DEFECTS DEVELOP WITHIN A PERIOD OF ONE YEAR ACCEPTANCE OF THE PROJECT BY THE OWNER, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DEFECTIVE ITEMS AND DAMAGE RESULTING FROM FAILURE OF THESE ITEMS, AT NO EXPENSE WHATSOEVER TO THE CITY.
- ALL CIRCUITS SHALL BE LEGIBLY IDENTIFIED AT THE PANEL, JUNCTION BOXES AND AT ALL EQUIPMENT IN A PERMANENT MANNER (I.E. ETCHED PLATES, CONDUCTOR TAG, PERMANENT MARKER, ETC.). THE LABELING SHALL INCLUDE PANEL CIRCUIT NUMBER, "TO" AND "FROM" IDENTIFICATION, AND MARKED "SPARE" WHERE APPLICABLE.
- CONTRACTOR SHALL TEST ELECTRICAL SYSTEM FOR SHORT CIRCUITS AND MEGGER TEST FEEDERS AND BRANCH CIRCUIT WIRING. INSURE LOW IMPEDANCE GROUND PATH SYSTEM. PERFORM HIPOT TESTING WHEN REQUIRED BY LOCAL JURISDICTION.
- CONTRACTOR SHALL COORDINATE ALL EQUIPMENT CONNECTIONS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN. PROVIDE ADDITIONAL FUSED DISCONNECT SWITCHES AND CONTROLS IF OVERCURRENT PROTECTION OR CONTROLS IS NOT INTEGRAL WITH UNITS.
- FULL LOAD AMPS (FLA) SIZES, AS NOTED IN THESE DRAWINGS, ARE BASED ON SPECIFIED EQUIPMENT DATA. CONTRACTOR SHALL VERIFY NAMEPLATE FLA OF EQUIPMENT SUPPLIED AND COORDINATE ACCORDINGLY PER EQUIPMENT SUPPLIERS RECOMMENDATIONS AND CODE REQUIREMENTS.
- CONDUITS OR RACEWAYS INSTALLED IN AREAS WHERE ELEVATION CHANGES MAY CAUSE WATER OR MOISTURE TO ENTER THE ELECTRICAL EQUIPMENT THROUGH THE CONDUIT SHALL BE SEALED WITH A HERMETIC CONDUIT SEAL AT BOTH ENDS OF THE CONDUIT OR RACEWAY.
- MATERIALS SHALL BE NEW AND OF THE BEST QUALITY WITH MANUFACTURER'S NAME PRINTED THEREON. MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH NEMA, ANSI, UNDERWRITER'S LABORATORY OR OTHER APPLICABLE STANDARDS AND RATED FOR HEAVY DUTY SERVICE.
- SELECTION OF MATERIALS SHALL BE IN STRICT ACCORDANCE WITH THE DRAWINGS AND/OR SPECIFICATIONS.
- THE SUBMITTALS SHALL BE NEATLY GROUPED AND ORGANIZED. PERTINENT INFORMATION SHALL BE HIGHLIGHTED, AND THE SPECIFIC PRODUCT SHALL BE IDENTIFIED. ALL SUBMITTALS SHALL BE COMPLETE, AND PRESENTED IN ONE PACKAGE. THE SUBMITTAL SHALL INCLUDE A COMPLETE LIST OF THE EQUIPMENT AND MATERIALS, INCLUDING THE MANUFACTURER'S NAME, PRODUCT SPECIFICATION, DESCRIPTIVE DATA, TECHNICAL LITERATURE, PERFORMANCE CHARTS, CATALOG CUTS, INSTALLATION INSTRUCTION, AND SPARE PART RECOMMENDATIONS FOR EACH DIFFERENT ITEM OF THE EQUIPMENT SPECIFIED.
- VERIFY ALL CONDUIT FILL RATIOS, BOX FILLS, AND CONDUIT BENDS (MAX 360 DEGREES) ARE MET PER NEC REQUIREMENTS. INSTALL PULL BOXES AND DE-RATE CABLE AMPACITY AS NECESSARY.
- CONTRACTOR TO READ ALL THE DRAWINGS IN THIS SET TO BECOME FAMILIARIZED WITH THE FULL ELECTRICAL SCOPE, INCLUDING BUT NOT LIMITED TO THE MECHANICAL AND CIVIL DRAWINGS.
- THESE DRAWINGS AND THE PROJECT SPECIFICATIONS ARE COMPLEMENTARY. WHERE OVERLAP, THE MORE STRINGENT REQUIREMENT WILL TAKE PRECEDENCE.
- CONTRACTOR SHALL VERIFY ALL CIRCUITS CONTAIN LESS THAN 5% VOLTAGE DROP. CONTRACTOR SHALL PROVIDE SHORT CIRCUIT ANALYSIS AND ARC FLASH STUDY, AS REQUIRED.
- CONTRACTOR SHALL COORDINATE AND PERFORM WORK TO THE STANDARDS OF ALL APPLICABLE UTILITY COMPANIES, INCLUDING BUT NOT LIMITED TO UNDERGROUND ELECTRICAL LINES, GAS LINES AND WATER LINES. WHEN AN ISSUE OR DISCREPANCY ARISES, NOTIFY THE CUSTOMER AND ENGINEER IMMEDIATELY.
- CONTRACTOR SHALL NOTIFY THE ENGINEER AND CUSTOMER WITH ANY DISCREPANCIES FOUND DURING INSTALLATION OR REVIEW.
- EQUIPMENT AND WIRING METHODS IN THE CHEMICAL ROOMS SHALL BE RATED FOR CORROSIVE ENVIRONMENTS. ENCLOSURES INSIDE THESE ROOMS SHALL BE NEMA 4X UNLESS NOTED OTHERWISE. EQUIPMENT INSIDE THE PUMP ROOM SHALL BE NEMA 12, OUTDOOR EQUIPMENT SHALL BE NEMA 3R UNLESS NOTED OTHERWISE.
- CONTRACTOR TO PROVIDE REQUIREMENTS FOR NFPA 70E, AS REQUIRED.
- ALL 120V RECEPTACLES SHALL BE GFCI PROTECTED, EITHER WITH A GFCI RECEPTACLE OR THROUGH A GFCI CIRCUIT BREAKER.
- ELECTRICAL EQUIPMENT INCLUDING, BUT NOT LIMITED TO, ELECTRICAL SERVICE EQUIPMENT, MCC AND DISTRIBUTION TRANSFORMERS - PANELBOARDS SHALL BE SEISMIC-CERTIFIED AND ANCHORED ACCORDING TO EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS. [CEC 110.3(B), 110.13(A), CBC 1613.1, 1705.12.6 ASCE 7-16, CHAPTER 13].

REVISION:	09/30/2025
DATE:	09/30/2025
BY:	FM DESIGN
FOR:	EXECUTION DATE

IN ACCORDANCE WITH RESOLUTION NO. 19-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY OF THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE CODE SECTION 16.0.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY TO EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG
PROJECT ENGINEER:	R.C.E. NO. -- # 69315
EXP. DATE:	06/30/2026
DRAWN:	J.P.
DESIGNED:	J.P.
CHECKED:	Z.S.
SCALE:	
DATE:	09/29/2025

GENERAL NOTES

TITLE	NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)
CITY	SANTA CLARITA CA
SHEET	41 OF 60 SHEETS
NO.	E0.0
JOB NO.	C258

CITY OF SANTA CLARITA BUILDING & SAFETY

APPROVED
Under SCMC Titles 18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen

BLD25-00576 (ARCH)

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PLAN LEGEND		SINGLE LINE DIAGRAM AND SCHEMATIC LEGEND		ABBREVIATION LIST	
— EXPOSED CONDUIT	LT LEVEL TRANSPONDER	--- FIELD WIRING	3-POSITION SELECTOR SWITCH (HAND-OFF-AUTO)	INTRINSICALLY SAFE RELAY	A, AMP AMPERES
--- EXISTING EXPOSED CONDUIT	PC PHOTOCELL	--- PANEL WIRING	EDGE CONNECTORS	INTRINSICALLY SAFE RELAY	AM AMMETER
--- CONDUIT WITHIN CEILING, FLOOR, WALLS, OR UNDERGROUND	PS PRESSURE SWITCH	--- COMMUNICATIONS WIRING	LOCKOUT STOP PUSHBUTTON	INTRINSICALLY SAFE RELAY	AC ALTERNATING CURRENT
--- EXIST. CONDUIT WITHIN CEILING, FLOOR, WALLS, OR UNDERGROUND	TS TEMPERATURE SWITCH	=== CABLE (MULTICONDUCTOR SHIELDED)	PUSH-PULL EMERGENCY STOP PUSHBUTTON	INTRINSICALLY SAFE RELAY	AIC AMPS INTERRUPTING CAPACITY
--- GROUNDING ELECTRODE CONDUCTOR	T THERMOSTAT	PILOT LIGHT (LETTER DENOTES COLOR)	DISCONNECT SWITCH (N.O.)	INTRINSICALLY SAFE RELAY	BAT BATTERY BC BATTERY CHARGER
--- OHE --- EXISTING OVERHEAD ELECTRIC	ZS INTRUSION ALARM SWITCH	PUSH-TO-TEST PILOT LIGHT (LETTER DENOTES COLOR)	DISCONNECT SWITCH (N.C.)	INTRINSICALLY SAFE RELAY	C COMMON
--- CONDUIT BEND UP	UB UNDERGROUND JUNCTION BOX	CONTROL RELAY	EARTH GROUND CONNECTION	INTRINSICALLY SAFE RELAY	CB CIRCUIT BREAKER
--- CONDUIT BEND DOWN	MH MANHOLE	PRESSURE SWITCH (N.O.) CLOSES ON RISING LEVEL	GROUND ROD AND WELL	INTRINSICALLY SAFE RELAY	CNTL CONTROL
--- FENCE	HH HANDHOLE	PRESSURE SWITCH (N.C.) OPENS ON RISING LEVEL	OVERLOAD (ELECTRONIC TYPE)	INTRINSICALLY SAFE RELAY	CPT CONTROL POWER TRANSFORMER
FLOOR MOUNTED ETHERNET (10/100) OUTLET (RJ-45)	DISCONNECT SWITCH	TIMING RELAY, (N.O.) CONTACT TIME TO CLOSE (ON DELAY TIMER)	THERMAL OVERLOAD (BI-METALLIC)	INTRINSICALLY SAFE RELAY	CP CONTROL PANEL
TELEPHONE OUTLET (RJ-11)	FUSED DISCONNECT SWITCH	TIMING RELAY, (N.C.) CONTACT TIME TO OPEN (ON DELAY TIMER)	FUSED TERMINAL BLOCK	INTRINSICALLY SAFE RELAY	CR CONTROL RELAY
ETHERNET (10/100) OUTLET (RJ-45)	ENCLOSED CIRCUIT BREAKER	TIMING RELAY, (N.O.) CONTACT TIME TO OPEN (OFF DELAY TIMER)	NEUTRAL BUS	INTRINSICALLY SAFE RELAY	CT CURRENT TRANSFORMER
COMBINATION TELEPHONE/ETHERNET (10/100) OUTLET (RJ-11 & RJ-45)	COMBINATION MOTOR STARTER	TIMING RELAY, (N.C.) CONTACT TIME TO CLOSE (OFF DELAY TIMER)	GROUND BUS	INTRINSICALLY SAFE RELAY	DC DIRECT CURRENT
240V SIMPLEX RECEPTACLE (NUMBER DENOTES CIRCUIT AMPS)	MOTOR STARTER	FLOW SWITCH (N.O.) CLOSES ON RISING LEVEL	HORN	INTRINSICALLY SAFE RELAY	DR DUPLEX RECEPTACLE
480V SIMPLEX RECEPTACLE (NUMBER DENOTES CIRCUIT AMPS)	PUSHBUTTON CONTROL STATION	FLOW SWITCH (N.C.) OPENS ON RISING LEVEL	BUZZER	INTRINSICALLY SAFE RELAY	(E) EXISTING
120V, 20A SIMPLEX RECEPTACLE	CONDUIT SEAL-OFF FITTING	FLOAT SWITCH (N.C.) OPENS ON RISING LEVEL	TERMINAL BLOCK	INTRINSICALLY SAFE RELAY	EC EDGE CONNECTOR
120V, 20A DUPLEX RECEPTACLE	SOLENOID VALVE (ENERGIZED TO CLOSE)	FLOAT SWITCH (N.O.) CLOSES ON RISING LEVEL	FIELD TERMINATION	INTRINSICALLY SAFE RELAY	EF EXHAUST FAN
120V, 20A QUADRAPLEX RECEPTACLE	SOLENOID VALVE (ENERGIZED TO OPEN)	LIMIT SWITCH (N.C.)	MAIN LUG ONLY	INTRINSICALLY SAFE RELAY	ETM ELAPSED TIME METER
120V, 20A SPST SWITCH	BUTTERFLY VALVE	LIMIT SWITCH (N.O.)	POWER DISTRIBUTION BLOCK	INTRINSICALLY SAFE RELAY	F FUSE
MANUAL MOTOR STARTER	PLUG VALVE	LIMIT SWITCH (N.C.)	COIL/INDUCTOR	INTRINSICALLY SAFE RELAY	FB FUSE BLOCK
120V, 20A 3-WAY SWITCH	GATE VALVE	LIMIT SWITCH (N.O.)	POWER TRANSFORMER	INTRINSICALLY SAFE RELAY	(F) FUTURE
120V, 20A 4-WAY SWITCH	ALARM BEACON	TEMPERATURE SWITCH (N.C.) OPENS ON RISING LEVEL	HEATER	INTRINSICALLY SAFE RELAY	FLTR FILTER
ANALYZER TRANSMITTER	HORN	TEMPERATURE SWITCH (N.O.) CLOSES ON RISING LEVEL	MOTOR STARTER CONTACTOR COIL	INTRINSICALLY SAFE RELAY	FS FLOAT SWITCH
CONDUCTIVITY SWITCH		CIRCUIT BREAKER WITH DOOR OPERATED HANDLE	ELAPSED TIME METER	INTRINSICALLY SAFE RELAY	FVNR FULL VOLTAGE NON REVERSING
FLOAT SWITCH		CIRCUIT BREAKER	METER & CURRENT TRANSFORMER	INTRINSICALLY SAFE RELAY	G, GND GROUND
ABOVE GROUND JUNCTION BOX		CONTACT (N.O.)	WATT HOUR METER AND SOCKET	INTRINSICALLY SAFE RELAY	GFCI GROUND FAULT CIRCUIT INTERRUPTER
LEVEL ELEMENT		CONTACT (N.C.)	PHASE FAILURE RELAY	INTRINSICALLY SAFE RELAY	HPS HIGH PRESSURE SODIUM
LEVEL PROBES		PUSHBUTTON (N.O.) MOMENTARY CLOSE	TIME DELAY RELAY	INTRINSICALLY SAFE RELAY	HS HAND SWITCH
		PUSHBUTTON (N.C.) MOMENTARY OPEN	LATCHING RELAY	INTRINSICALLY SAFE RELAY	HTR HEATER
		2-POSITION SELECTOR SWITCH	CONTROL RELAY	INTRINSICALLY SAFE RELAY	ICP INSTRUMENTATION CONTROL PANEL

REVISION: 09/30/2025	EXECUTOR DATE
LAJ: [Signature]	PM: [Signature]

IN ACCORDANCE WITH RESOLUTION NO. 19-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA HEREBY EXERCISES THE CODE SECTION 83A.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY: ZHIRANG SONG	SCALE:	DATE: 09/29/25
PROJECT ENGINEER: R.C.E. NO. 69315	DRAWN: J.P.	CHECKED: Z.S.
EXP. 06/30/2026	DESIGNED: J.P.	

LEGEND & ABBREVIATIONS

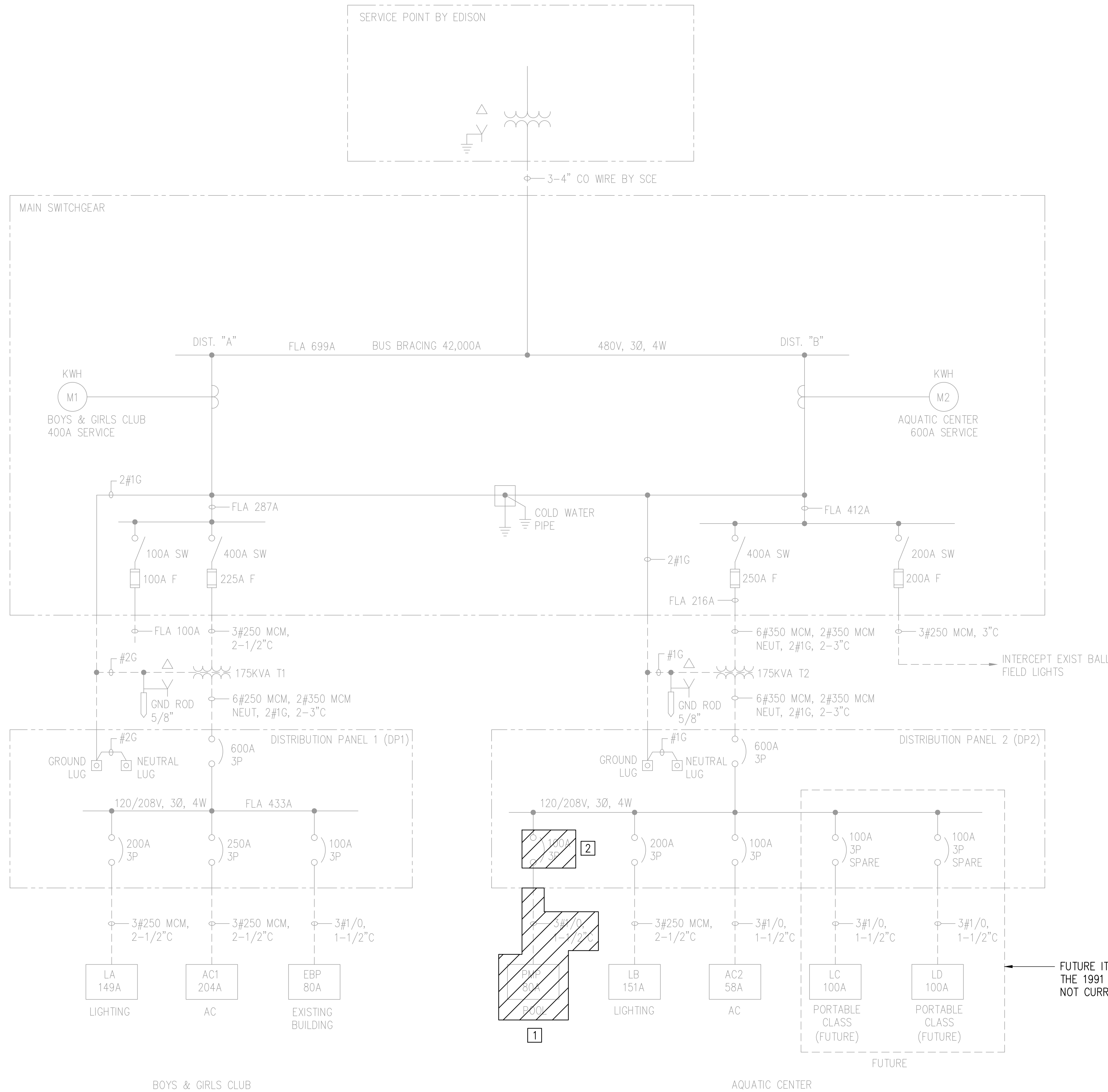
TITLE	NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)	CA
SHEET	E0.1	
JOB NO.	42 OF 60 SHEETS	C258



BLD25-00576 (ARCH)
 The approved plans must be available at the construction site at all times. Changes or alterations to approved plans shall not be made without written permission from the City of Santa Clarita Building & Safety Division. The approval of these plans shall not be construed to permit or approve any violation of the applicable codes, ordinances, or other laws.



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SINGLE LINE DIAGRAM DEMO
NTS

CONSTRUCTION NOTES:

- REMOVE EXISTING PANEL "PMP" AND ASSOCIATED POWER CONDUIT/FEEDER CABLES AND DISPOSE.
- REMOVE EXISTING CIRCUIT BREAKER AND REPLACE PER SHEET E1.0.
- EXISTING POOL DECK LT POLE RECEPTACLES TO BE REPLACED. SEE SHT E1.0.
- EXISTING POOL LIGHTS TO BE TRANSFERRED TO PROPOSED LIGHTING CONTROL PANEL (LCP-A).
- EXISTING POOL DECK POLE-MTD LIGHT FIXTURES TO BE REMOVED AND REPLACED PER SHEET E2.0.
- EXISTING SUMP PUMP TO REMAIN IN PLACE. TRANSFER TO REPLACEMENT PANEL-PMP, SEE SHT E1.0.
- EXISTING EQUIPMENT TO BE REMOVED, SEE MECH DEMO PLANS. REMOVE ALL ANCILLARY ELECTRICAL COMPONENTS AND RETURN MAJOR ITEMS SUCH AS PANELS, CONTROLLERS, ETC. TO OWNER. DISPOSE OF MINOR ITEMS SUCH AS CONDUITS, WIRING, ETC.
- CONTRACTOR TO VERIFY LOADS BEFORE DEMOLISHING AND NOTIFY ENGINEER OF RECORD IF ANY DISCREPANCIES FOUND.

NOTES:

- FADED BACK ITEMS ARE EXISTING TO BE PROTECTED IN PLACE UNLESS NOTED OTHERWISE.
- SINGLE LINE DIAGRAM HAS BEEN GENERATED FROM AS-BUILTS DATED SEPTEMBER 1991 BY DESCO ELECTRIC. CONTRACTOR TO CONFIRM AND NOTIFY ENGINEER OF RECORD IF ANY DISCREPANCIES FOUND.
- NOT ALL ITEMS TO BE DEMO'D ARE SHOWN ON THIS SHEET. SEE REST OF PLAN SET FOR ADDITIONAL DEMO DETAILS.

EXISTING PANEL-PMP											
VOLTAGE:		120/240 VAC						MAIN BKR:		80 A	
		VOLT AMPS									
LOAD DESCRIPTION	VA	CB	BKR	PHASE A	PHASE B	BKR	CB	VA	LOAD DESCRIPTION		
7] POOL DECK LT		30/1	1	0		2	20/1		POOL DECK LT	7]	
7] POOL DECK LT			3		0	4	20/1		SPARE		
7] POOL DECK LT			5		0	6	20/1		POOL DECK LT	7]	
7] POOL DECK LT		20/1	7		0	8	20/1		POOL DECK LT	7]	
3] POOL DECK LT			9		0	10	20/1		POOL DECK LT	5]	
4] POOL DECK LT		20/1	11		0	12	20/1		POOL DECK LT	7]	
7] POOL DECK LT		15/1	13		0	14	20/1		POOL DECK LT	5]	
7] POOL DECK LT		20/1	15		0	16	20/1		POOL DECK LT	5]	
4] POOL DECK LT		20/1	17		0	18	20/1		POOL DECK LT	5]	
4] POOL DECK LT		15/1	19		0	20	20/1		POOL DECK LT	5]	
4] POOL DECK LT		20/2	21		0	22	20/1		POOL DECK LT	5]	
"SPACE"			23		0	24	20/1		SUMP PUMP	6]	
"SPACE"			25			26			POOL DECK LT	7]	
"SPACE"			27			28	20/2		POOL DECK LT		
"SPACE"			29			30			"SPACE"		
VA/PHASE (SUBTOTAL)				PHASE A	PHASE B			1Ø, 3W			
AMPS/LEG (SUBTOTAL)											
VA (SUBTOTAL)											
25% OF LARGEST INDUCTIVE LOAD											
GRAND TOTAL (AMPS)								* INDICATES LOAD CALCULATED AT 125%			
PERCENT CAPACITY											

FUTURE ITEMS SHOWN ON THE 1991 AS-BUILTS ARE NOT CURRENTLY INSTALLED

REVISION:	09/30/2025	EXECUTION DATE
DATE:	09/30/2025	EXECUTION DATE

IN ACCORDANCE WITH RESOLUTION NO. 19-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES OR TO CONSTRUCT NEW PUBLIC FACILITIES UNDER THE PROVISIONS OF THE CITY OF SANTA CLARITA LOCAL ORDINANCE TO THE CALIFORNIA PUBLIC WORKS CODE SECTION 83066 FOR THE CITY OF SANTA CLARITA, I DO HEREBY TO EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZHIRANG SONG	SCALE:		DATE:	09/29/25
PROJECT ENGINEER:	R.C.E. NO. 69315	DRAWN:	J.P.	DESIGNED:	J.P.
EXP.:	06/30/2026	CHECKED:	Z.S.		

SINGLE LINE DIAGRAM DEMO

NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)

SANTA CLARITA CA



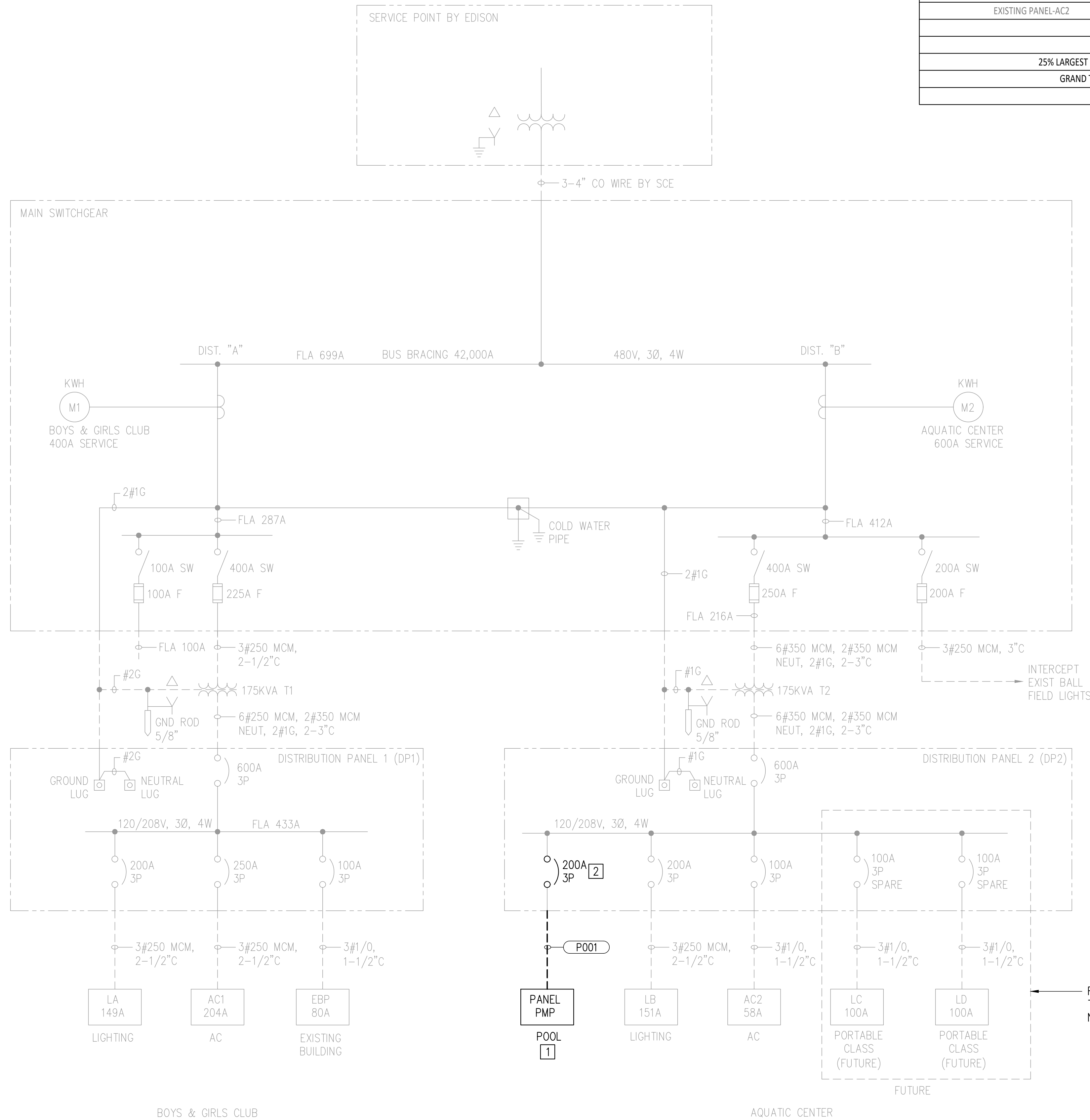
EXISTING DISTRIBUTION PANEL 2 (DP-2) LOAD SUMMARY (600A MCB @208V)		
LOAD DESCRIPTION	CONNECTED (AMPS)	ACTIVE (AMPS)
PANEL-PMP	142.5	142.5
EXISTING PANEL-LB	151	151
EXISTING PANEL-AC2	58	58
SUBTOTAL	351.5	351.5
25% LARGEST MOTOR LOAD	11.55	11.55
GRAND TOTAL (AMPS)	363.1	363.1
% CAPACITY		60.5%

CONSTRUCTION NOTES:

1. PANELBOARD "PMP", 120/208V, 3Ø, 4W, 60 HZ, 22 KAIC, 200 A MCB/225 A BUS, EQUIPPED WITH SPD (MIN 50 KA/PH), NEMA 12, 54 CIRCUITS, WALL-MTD.
2. REPLACE EXISTING CIRCUIT BREAKER WITH 200A/3P CIRCUIT BREAKER. MATCH EXISTING TYPE.
3. SEE NOTE 3 BELOW.
4. PROVIDE LOCK-ON DEVICE FOR EXIT LIGHT CB.

NOTES:

1. FADED BACK ITEMS ARE EXISTING TO BE PROTECTED IN PLACE UNLESS NOTED OTHERWISE.
2. SINGLE LINE DIAGRAM HAS BEEN GENERATED FROM AS-BUILTS DATED SEPTEMBER 1991 BY DESCO ELECTRIC. CONTRACTOR TO CONFIRM AND NOTIFY ENGINEER OF RECORD IF ANY DISCREPANCIES FOUND.
3. EXISTING SUMP PUMP IS UNKNOWN AT THIS TIME. LOADS ARE ESTIMATED AT 80% OF THE EXISTING BREAKER SIZES.



PANEL-PMP										
VOLT AMPS										
VOLTAGE:	120/208 VAC									
SCCR:	22 KAIC									
					MAIN BKR:					
					200			A		
					PANEL BUS:			225		
					A					
LOAD DESCRIPTION	VA	CB	BKR	PHASE A	PHASE B	PHASE C	BKR	CB	VA	LOAD DESCRIPTION
SPARE		15/1	1	5548			2		5548	VERTICAL TURBINE POOL PUMP
RECEP - 45MS CHM PUMP	204	15/1	3		5752		4	100/3	5548	
RECEP - 45MS CHM PUMP	204	15/1	5			5752	6		5548	
CHEM CTRLR	3900	45/1	7	5076			8	20/1	1176	PRESSURE SUSTAINING PUMP
POOL DECK LT 1 & 2 RECEP'S	360	20/1	9		360		10	15/1		SPARE
POOL DECK LT 3 & 4 RECEP'S	360	20/1	11			2280	12	30/1	1920	POOL HEATER PUMP
SPARE		15/1	13	1440			14	25/1	1440	POOL HEATER
STORAGE ROOM LTS*	188	15/1	15		538		16	15/1	350	PROCESS ROOM LTS*
CHEM RM (WEST) LT*	31	15/1	17			1951	18	20/1	1920	EXIST SUMP PUMP
CHEM RM (WEST-CTR) LT*	31	15/1	19	56			20	15/1	25	EXIT SIGN (PROCESS RM)*
CHEM RM (CTR) LT*	31	15/1	21		56		22	15/1	25	EXIT SIGN (STORAGE RM)*
CHEM RM (EAST-CTR) LT*	31	15/1	23			931	24	20/1	900	RECEP'S (CHEM RMS)
CHEM RM (EAST) LT*	31	15/1	25	31			26	15/1		SPARE
PROCESS RM 208V RECEP	1300		27		1504		28	15/1	204	RECEP - 85MS CHM PUMP
	1300	20/2	29			2600	30		1300	POOL DECK 208V RECEP NORTH
	1300	20/2	31	2600			32	20/2	1300	
POOL DECK 208V RECEP SOUTH	1300	20/2	33		1840		34	20/1	540	STORAGE RM RECEP'S
SPARE		20/1	35			360	36	20/1	360	PUMP AREA RECEP'S
SPARE		20/1	37	0			38	20/1		SPARE
LIGHTING CTRL PNL (LCP-A)	4713	50/1	39		4713		40	20/1		SPARE
RECEP'S/PROCESS RM EAST	360	20/1	41			720	42	20/1	360	RECEP'S (PROCESS RM WEST)
CHEM RM (WEST) EXH FAN	500	15/1	43	500			44			"SPACE"
CHEM RM (WEST-CTR) EXH FAN	500	15/1	45		1040		46	15/1	540	PROCESS RM EXH FAN
CHEM RM (CENTER) EXH FAN	500	15/1	47			1040	48	15/1	540	STORAGE RM EXH FAN
CHEM RM (EAST-CTR) EXH FAN	500	15/1	49	500			50			"SPACE"
"SPACE"			51			0	52			"SPACE"
"SPACE"			53			500	54	15/1	500	EYEWASH/SHOWER EXH FAN
				PHASE A	PHASE B	PHASE C				
VA/PHASE (SUBTOTAL)				15751	15803	16134	3Ø, 4W			
AMPS/PHASE (SUBTOTAL)				131.3	131.7	134.5	22,000 AIC BREAKERS			
VA (SUBTOTAL)				47688			NEMA 12			
25% OF LARGEST INDUCTIVE LOAD (VA)				1387	1387	1387	* INDICATES LOAD CALCULATED AT 125%			
GRAND TOTAL (AMPS)				143.9						
PERCENT CAPACITY				72.0%						

PANEL SCHEDULE NOTES

1. PROVIDE UPDATED, COMPLETE, AND ACCURATE TYPED PANELBOARD CIRCUIT DIRECTORIES AT THE COMPLETION OF WORK.
2. CIRCUIT BREAKERS SHALL BE CLASS A GFCI AND SPGFCI PER NEC 680.5, THERMAL MAGNETIC, TRIP INDICATING.
3. MULTI-POLE CIRCUIT BREAKERS SHALL BE EQUIPPED WITH AN INTERNAL COMMON TRIP MECHANISM.
4. CIRCUIT BREAKERS SHALL BE OF THE SAME MANUFACTURER AS THE PANELBOARD.
5. PANELBOARDS SHALL BE BOLT-ON TYPE.
6. BREAKER SHALL HAVE FIXED LOCKS WHEN REQUIRED BY NEC CODE.
7. PANELBOARDS SHALL BE PROVIDED WITH SPARE BREAKERS AS INDICATED.
8. "SPACE" INDICATES A LISTED CIRCUIT BREAKER COVER.
9. BOTH ENDS OF CONDUCTORS SHALL BE LABELED WITH THE PANEL NAME AND CIRCUIT.
10. EQUIPMENT FED FROM PANELBOARDS SHALL BE LABELED WITH THEIR CIRCUIT IN ACCORDANCE WITH NEC 110.22 (A).

REVISION:	09/30/2025	EXECUTION DATE
DATE:	09/30/2025	EXECUTION DATE
BY:	PM-DESIGN	BY:
FOR:	PM-CONSTRUCTION	FOR:

IN ACCORDANCE WITH RESOLUTION NO. 18-6 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE CODE SECTION 83A.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



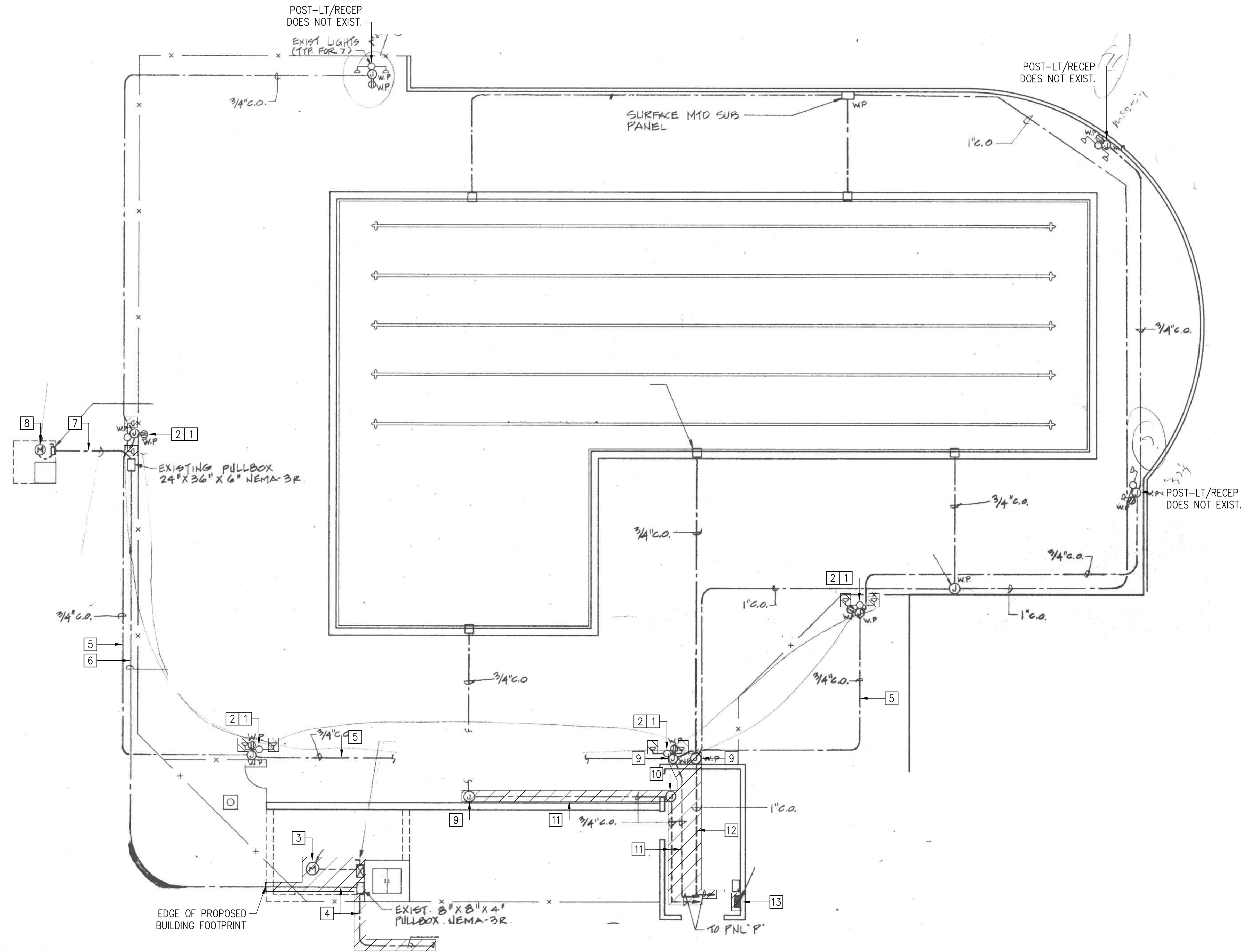
PREPARED BY:	ZIRANG SONG	SCALE:		DATE:	09/29/25
PROJECT ENGINEER:	R.C.E. NO. - # 69315	DRAWN:	J.P.	DESIGNED:	J.P.
EXP.:	06/30/2026	CHECKED:	Z.S.		

SINGLE LINE DIAGRAM PROPOSED

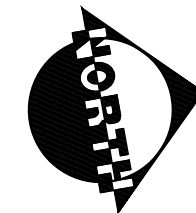
NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)

SANTA CLARITA CA





ELECTRICAL DEMO PLAN
NTS



CONSTRUCTION NOTES:

- 1 REMOVE EXISTING POOL DECK POLE-MTD. LIGHT FIXTURES AND REPLACE PER SHEET E2.0 (TYP 8 FIXTURES).
- 2 EXISTING POOL DECK POST-MTD. RECEPTACLES, REMOVE AND REPLACE, SEE SHEET E2.0 (TYP 4).
- 3 EXISTING PUMP WILL BE REMOVED, SEE MECH PLANS. REMOVE ASSOCIATED VFD/CONTROL PANEL AND RETURN TO CLIENT. REMOVE ASSOCIATED CONDUITS/WIRING AND DISPOSE.
- 4 REMOVE HATCHED PORTION OF EXISTING SUMP PUMP CONDUIT AND DISPOSE (UNHATCHED PORTION TO BE PROTECTED IN PLACE). REMOVE WIRING AND DISPOSE.
- 5 EXISTING 3/4\"/>

NOTES:

1. SHEET E-1 OF AS-BUILTS DATED FEBRUARY 1992 FROM JONES & MADHAVEN IS SHOWN ON THIS SHEET. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND NOTIFY ENGINEER OF RECORD IF DISCREPANCIES FOUND.
2. NOT ALL ITEMS TO BE DEMO'D ARE SHOWN ON THIS SHEET. SEE REST OF PLAN SET FOR ADDITIONAL DEMO DETAILS.

LEGEND:

DEMO

CITY OF SANTA CLARITA
BUILDING & SAFETY
APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen



BLD25-00576 (ARCH)

The approved plans must be available at the construction site at all times. Changes or alterations to approved plans shall not be made without written permission from the City of Santa Clarita Building & Safety Division. The approval of these plans shall not be construed to permit or approve any violation of the applicable codes, ordinances, or other laws.



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P: (714) 481-7300 | www.pacewater.com

REVISION:	09/30/2025
DATE:	09/30/2025
BY:	PM-DESIGN
FOR:	PM-CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 19-05 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA, I DO HEREBY TO EXERCISE THE CODE SECTION 83016 FOR THE CITY OF SANTA CLARITA, I DO HEREBY TO EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.

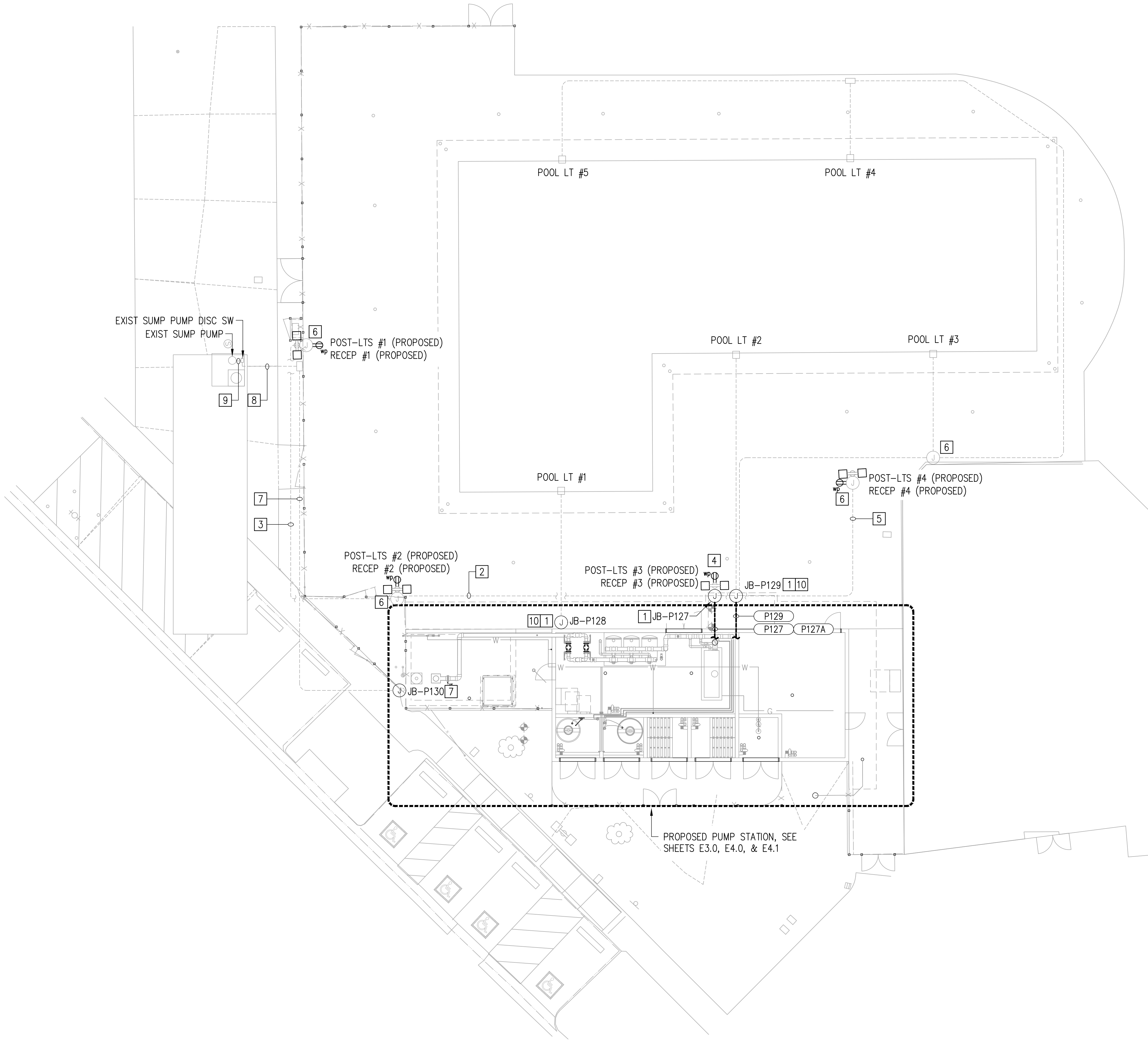


PREPARED BY:	ZIRANG SONG
PROJECT ENGINEER:	R.C.E. NO. -- # 69315
EXP.:	06/30/2026
DRAWN:	J.P.
DESIGNED:	J.P.
CHECKED:	Z.S.
SCALE:	
DATE:	09/29/2025

ELECTRICAL SITE
DEMO PLAN

NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)
SANTA CLARITA CA

SHEET	E2.0D
45 OF 60 SHEETS	
JOB NO.	C258



ELECTRICAL SITE PLAN
SCALE: 1"=10'-0"

CONSTRUCTION NOTES:

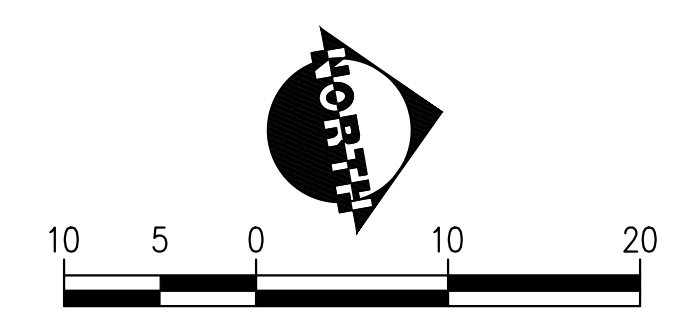
- 1 REPLACE EXISTING J-BOXES IN PLACE. REPLACEMENT J-BOXES TO BE NEMA 4X. SEE DETAIL "F" SHEET E7.1.
- 2 EXIST. 3/4"C, PROVIDE 2-#10, 1-#10G FOR POLE-MTD RECEPTACLES 1 & 2; 2-#12, 1-#12G FOR POLE-MTD. LIGHT SETS 1 & 2 (TYP 2 LIGHTS PER POLE).
- 3 EXIST. 3/4"C, PROVIDE 2-#10, 1-#10G FOR POLE-MTD RECEPTACLE 1; 2-#12, 1-#12G FOR POLE-MTD. LIGHT SET 1 (TYP 2 LIGHTS PER POLE).
- 4 PROVIDE 2-#10, 1-#10G FOR POLE-MTD RECEPTACLE 3; 2-#12, 1-#12G FOR POLE-MTD. LIGHT SET 3 (TYP 2 LIGHTS PER POLE).
- 5 EXIST. 3/4"C, PROVIDE 2-#10, 1-#10G FOR POLE-MTD RECEPTACLE 4; 2-#12, 1-#12G FOR POLE-MTD. LIGHT SET 4 (TYP 2 LIGHTS PER POLE).
- 6 CONTRACTOR TO CONFIRM ALL EXISTING J-BOXES ARE LISTED AS SWIMMING POOL J-BOXES.
- 7 INTERCEPT EXISTING 1" UG CONDUIT IN FIELD, REMOVE PORTION OF CONDUIT THAT IS TO BE REMOVED WITH EXISTING BUILDING AND CONNECT TO JUNCTION BOX WITH NEW 1" CONDUIT AS NEEDED. REPLACE EXISTING WIRES WITH 2-#10, 1-#10G.
- 8 EXISTING 1-1/2"C, REPLACE EXISTING WIRES WITH 2-#10, 1-#10G.
- 9 EXISTING CONDUIT (SIZE UNKNOWN), REPLACE EXISTING WIRES WITH 2-#10, 1-#10G. CONTRACTOR TO VERIFY CONDUIT SIZE TO ENSURE LESS THAN 40% FILL.
- 10 SPLICE WITH EXISTING POOL LIGHT POWER CONDUCTORS INSIDE PULLBOX.

NOTES:

1. GROUND AND BOND ALL EQUIPMENT AND ENCLOSURES PER MANUFACTURER REQUIREMENTS AND NEC 250.
2. LAYOUT OF EXISTING CONDUITS/J-BOXES SHOWN ARE APPROXIMATED FROM AS-BUILTS DATED FEBRUARY 1992 BY JONES AND MADHAVEN. CONTRACTOR TO NOTIFY ENGINEER OF RECORD IF ANY DISCREPANCIES FOUND.
3. LABEL ABOVEGROUND CONDUITS PER DETAIL "C" SHEET E7.0.
4. TYPICAL CONDUIT TRANSITIONS/STUB-UPS PER DETAILS "A, B, C" SHEET E7.1.

LEGEND:

- =□ POLE-MTD. DUAL FLOOD LIGHTS, 3-WAY FIELD ADJUSTABLE, 140/100/70W, 3000K/4000K/5000K ADJUSTABLE COLOR TEMP, TRUNNION-MTD, 120V, 1PH, MFR: RAB, PN X17-XFU-140-T (OR APPROVED EQUAL). EXISTING POLE, TYP 2 LIGHTS PER POLE.
- ⊙ EXISTING JUNCTION BOX.
- ⊙ LISTED POOL NEMA 4X JUNCTION BOX INSTALLED 8" MIN ABOVE MAX POOL WATER LEVEL, SEE DETAIL "F" SHEET E7.1.
- ⊙ 120V, 1PH, GFCI WEATHER RESISTANT RECEPTACLE.



CITY OF SANTA CLARITA
BUILDING & SAFETY
APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen



BLD25-00576 (ARCH)



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REVISION:	09/30/2025
DATE:	09/30/2025
BY:	FM/DESIGN
EXECUTED BY:	FM/CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 18-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY ENGINEER HAS REVIEWED THESE PLANS AND CODE SECTION 83A.6 FOR THE CITY OF SANTA CLARITA. I DO HEREBY CONFER TO THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG
PROJECT ENGINEER:	R.C.E. NO. -- # 69315
EXP. DATE:	06/30/2026
DRAWN:	J/P
DESIGNED:	J/P
CHECKED:	Z/S
DATE:	09/29/2025

ELECTRICAL SITE PLAN

NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)
SANTA CLARITA CA

SHEET **E2.0**
46 OF 60 SHEETS
JOB NO. C258

CONSTRUCTION NOTES:

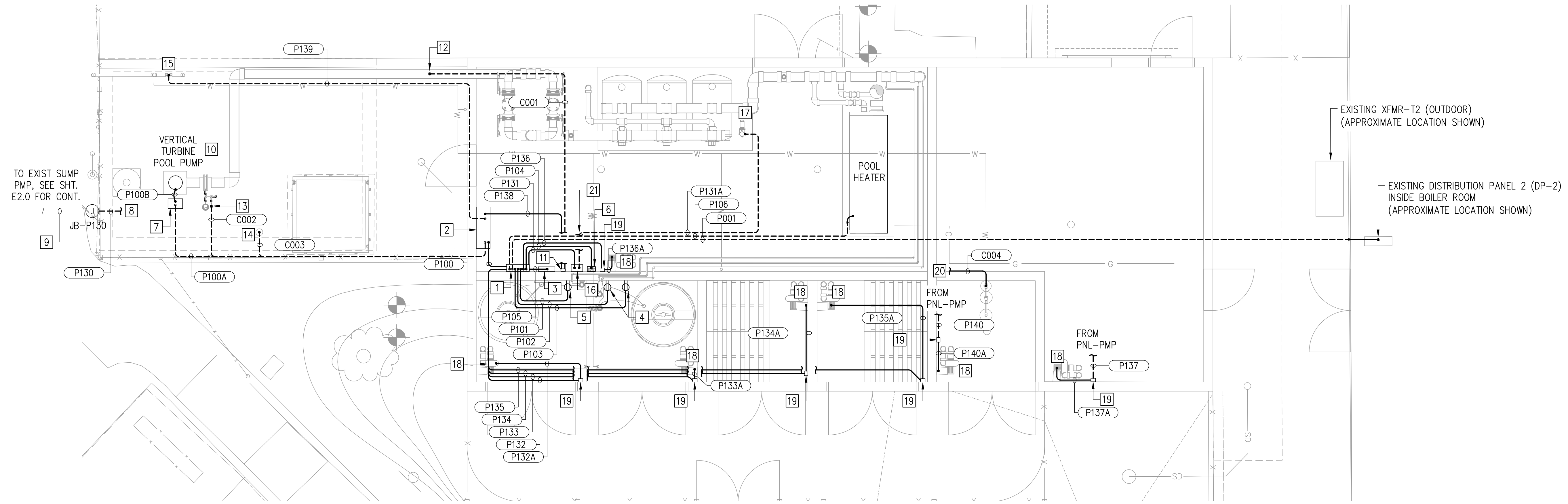
- 1 PANELBOARD "PMP", 120/208V, 3Ø, 4W, 60 HZ, 22 KAIC, 200 A MCB/225 A BUS, EQUIPPED WITH SPD (MIN 50 KA/PH), NEMA 12, 54 CIRCUITS, WALL-MTD.
- 2 PUMP CONTROL PANEL WITH DISCONNECT SWITCH, TRANSFORMER, VFD, VFD BYPASS, 5% LINE REACTOR, PLC, NEMA 4X VENTILATED ENCLOSURE, WALL-MTD.
- 3 OUTDOOR LIGHTING CONTROL PANEL (LCP-A), 120-277 VAC, 1PH, 8 RELAYS, DIGITAL TIME CLOCK, ANALOG PHOTOSENSOR (WIRED TO PANEL MTD. OUTDOOR), PANEL DIMS: 14.41"Hx14.41"Wx4.05"D, MFR: ACUITY BRANDS, PN ARP INTENC08 NLT-8FCR-MVOLT-SC-SM-DTC-ARPA APS OL (OR APPROVED EQUAL).
- 4 DEDICATED GFCI RECEPTACLE FOR 45M5 CHEM DOSING PUMP.
- 5 DEDICATED GFCI RECEPTACLE FOR 85M5 CHEM DOSING PUMP.
- 6 CHEM CONTROLLER, 120V, 1PH, 0.5A CTRL, 32A RELAY OUTPUTS, MFR BECS TECHNOLOGY, PN BECSYS7 OR APPROVED EQUAL.
- 7 FUSED DISCONNECT SWITCH, 100A, HEAVY-DUTY SINGLE THROW, 208V, 3P, 4W, NEMA 4X, STANCHION-MTD, MFR EATON OR APPROVED EQUAL. SEE DETAIL "F" SHEET E7.1.
- 8 FROM PANEL-PMP.
- 9 INTERCEPT EXISTING 1" UG CONDUIT IN FIELD, REMOVE PORTION OF CONDUIT THAT IS TO BE REMOVED WITH EXISTING PUMP STATION AND CONNECT TO PROVIDED JUNCTION BOX WITH NEW 1" CONDUIT AS NEEDED. REPLACE EXISTING WIRES WITH 2-#10, 1-#10G.
- 10 VERTICAL MOTOR CONDUIT CONNECTION PER DETAIL "C" SHEET E7.2.
- 11 FLOW TRANSMITTER, MFR GF SIGNET, 24 VDC, PN 9900 OR APPROVED EQUAL, WALL MTD.
- 12 FLOW SENSOR, MFR GF SIGNET, OR APPROVED EQUAL.
- 13 PRESSURE TRANSDUCER.
- 14 LEVEL TRANSDUCER.
- 15 WET WELL SOLENOID FILL VALVE.
- 16 MOTOR STARTER PANEL, 120V, 1PH, NEMA 4X, TYPE EATON OR APPROVED EQUAL, WALL-MTD.
- 17 PRESSURE SUSTAINING PUMP.
- 18 EXHAUST FAN.
- 19 FAN MOTOR STARTER, 120V, 1PH, NEMA 4X, TYPE GREENHECK MS-1P OR APPROVED EQUAL, WALL-MTD.
- 20 FROM PUMP CONTROL PANEL.
- 21 TO PRESSURE SUSTAINING PUMP.

NOTES:

1. CONDUITS ARE SHOWN SCHEMATICALLY. CONTRACTOR SHALL INSTALL PULLPOINTS WHERE REQUIRED FOR PULLING TENSION AND MAINTAINING LESS THEN (4) 90 DEGREE BENDS.
2. MAINTAIN WORKING CLEARANCES IN FRONT OF PANELS AS REQUIRED PER NEC 110.26.
3. LABEL ABOVEGROUND CONDUITS PER DETAIL "C" SHEET E7.0.
4. TYPICAL CONDUIT TRANSITIONS/STUB-UPS PER DETAILS "A, B, C" SHEET E7.1.
5. PANEL WALL MOUNTING PER DETAIL "J" SHEET E7.1.

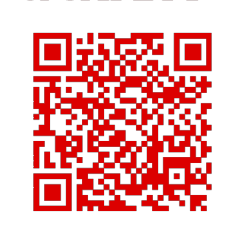
LEGEND:

- ⊕ 120V, 15A GFCI DUPLEX TAMPER-WEATHER RESISTANT RECEPTACLE.
- ⊙ LISTED POOL NEMA 4X JUNCTION BOX INSTALLED 8" MIN ABOVE MAX POOL WATER LEVEL, SEE DETAIL "F" SHEET E7.1.



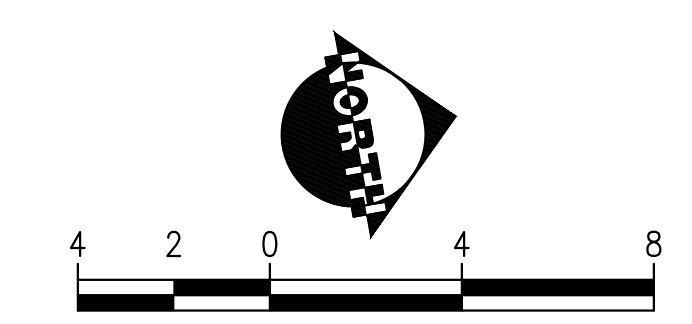
ELECTRICAL PLAN
SCALE: 1/4"=1'

CITY OF SANTA CLARITA
BUILDING & SAFETY
APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen



BLD25-00576 (ARCH)

The approved plans must be available at the construction site at all times. Changes or alterations to approved plans shall not be made without written permission from the City of Santa Clarita Building & Safety Division. The approval of these plans shall not be construed to permit or approve any violation of the applicable codes, ordinances, or other laws.



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REVISION:	09/30/2025
DATE:	EXECUTION DATE
BY:	FM:DESIGN
BY:	09/30/2025
DATE:	EXECUTION DATE
BY:	FM:CONSTRUCTION
BY:	

IN ACCORDANCE WITH RESOLUTION NO. 18-05 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA HEREBY GRANTS TO THE ENGINEER CODE SECTION 83A.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY TO EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG
PROJECT ENGINEER:	R.C.E. NO. -- # 69315
EXP. DATE:	06/30/2026
DRAWN:	J/P
DESIGNED:	J/P
CHECKED:	Z/S
DATE:	09/29/2025

ELECTRICAL PLAN

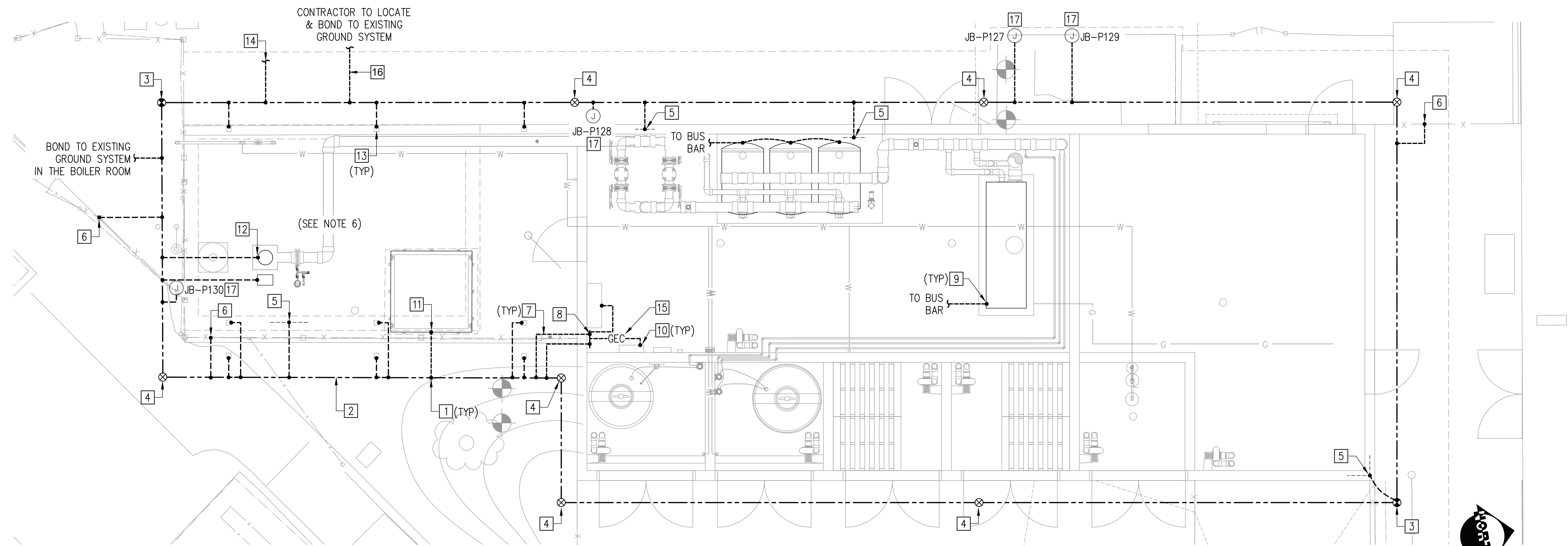
NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)
SANTA CLARITA CA
SHEET **E3.0**
47 OF 60 SHEETS
JOB NO. C258

CONSTRUCTION NOTES:

- 1 EXOTHERMIC WELD PER DETAIL "H" SHEET E7.0.
- 2 4/0 BARE CU GROUND RING, MINIMUM 30" BELOW GRADE.
- 3 GROUND INSPECTION ROD PER DETAIL "F" SHEET E7.0.
- 4 GROUND ROD PER DETAIL "A" SHEET E7.0.
- 5 GROUND TO REBAR PER DETAIL "G" SHEET E7.0 & "G" SHEET E7.1.
- 6 GROUND TO FENCELINE PER DETAIL "D" SHEET E7.0.
- 7 #2 BARE COPPER, GROUNDING ELECTRODE CONDUCTOR (TYP)
- 8 GROUNDING BUS BAR PER DETAIL "E" SHEET E7.1.
- 9 GROUND EQUIPMENT PER DETAIL "B" SHEET E7.0.
- 10 BOND ELECTRICAL PANELS TO BUS BAR.
- 11 GROUND WET WELL ACCESS HATCHES AND METAL LADDERS (IF PRESENT).
- 12 GROUND PUMP MOTOR.
- 13 GROUND STEEL CANOPY POSTS PER DETAIL "E" SHEET E7.0.
- 14 GROUND TO STEEL ROOF.
- 15 #4/0 GROUNDING ELECTRODE CONDUCTOR ROUTED THROUGH 1.5" SCH 80 PVC SEALED AT BOTH ENDS WITH APPROVED SEALANT.
- 16 4/0 BARE COPPER CONDUCTOR.
- 17 BOND PROPOSED J-BOXES TO GROUND RING.

NOTES:

1. GROUND AND BOND ALL EQUIPMENT AND ENCLOSURES PER MANUFACTURER REQUIREMENTS AND NEC 250.
2. GROUND AND BOND ALL MOTOR FRAMES TO THE GROUND RING.
3. ALL METALLIC ENCLOSURES INCLUDING RAILINGS, FENCES OR OTHER METAL THAT PERSONNEL MAY COME IN CONTACT WITH SHALL BE EFFECTIVELY GROUNDED.
4. BARE GROUND CONNECTIONS EXPOSED TO THE ATMOSPHERE SHALL BE COVERED WITH GLYPTAL OR EQUIVALENT.
5. GROUND FLOW METERS PER DETAIL "H" SHEET E7.1.
6. GROUNDING AND BONDING FOR WET WELL SHALL MEET REQUIREMENTS OF NEC 250.110.
7. BOND ALL METAL PARTS.



GROUNDING PLAN
SCALE: 1/4"=1'

CITY OF SANTA CLARITA
BUILDING & SAFETY
APPROVED
Under SCMC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen



BLD25-00576 (ARCH)

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P: (714) 481-7300 | www.pacewater.com

REVISION:	09/30/2025
DATE:	09/30/2025
BY:	FM/DESIGN
FOR:	FM/CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 18-6 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES OR THE CONSTRUCTION OF NEW PUBLIC FACILITIES UNDER THE CODE SECTION 830.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY TO EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AN AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG
PROJECT ENGINEER:	R.C.E. NO. -- # 69315
EXP. DATE:	06/30/2026
DRAWN:	J/P
DESIGNED:	J/P
CHECKED:	Z/S
SCALE:	
DATE:	09/29/2025

GROUNDING PLAN

NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)
SANTA CLARITA CA

C258	SHEET	E4.1
49 OF 60	SHEETS	
JOB NO.	C258	

POWER CONDUIT WIRE SCHEDULE						
CONDUIT		WIRE*		FROM	TO	REMARKS
NO.	SIZE	POWER	GROUND			
P001	2-1/2"	4 - 4/0	1 - #4	EXISTING DISTRIBUTION PANEL 2 (DP-2)	PANEL-PMP	
P100	1-1/2"	3 - #3	1 - #4	PANEL-PMP (CKTS. 2, 4, 6)	VFD - VERTICAL TURBINE POOL PUMP	VFD INSIDE PUMP CONTROL PANEL
P100A	1-1/2"	3 - #3	1 - #4	VFD - VERTICAL TURBINE POOL PUMP	DISC SW - VERTICAL TURBINE POOL PUMP	
P100B	1-1/2"	3 - #3	1 - #4	DISC SW - VERTICAL TURBINE POOL PUMP	VERTICAL TURBINE POOL PUMP	
P101	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 28)	DEDICATED GFCI RECEP - 85M5 CHEM DOSING PUMP	EXISTING PUMP RELOCATED
P102	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 3)	DEDICATED GFCI RECEP - 45M5 CHEM DOSING PUMP	EXISTING PUMP RELOCATED
P103	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 5)	DEDICATED GFCI RECEP - 45M5 CHEM DOSING PUMP	EXISTING PUMP RELOCATED
P104	3/4"	2 - #8	1 - #8	PANEL-PMP (CKT. 7)	CHEM CONTROLLER	
P105	3/4"	2 - #8	1 - #8	PANEL-PMP (CKT. 39)	LIGHTING CONTROL PANEL (LCP-A)	
P106	3/4"	4 - #10	2 - #10	PANEL-PMP (CKT. 12, 14)	POOL HEATER	FOR HEATER BOILER & PUMP
P107	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 16)	PROCESS RM LIGHT SWITCH	
P108	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 15)	STORAGE RM LIGHT SWITCH	
P109	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 17)	CHEM RM (WEST) LIGHT	
P110	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 19)	CHEM RM (WEST-CTR) LIGHT	
P111	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 21)	CHEM RM (CENTER) LIGHT	
P112	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 23)	CHEM RM (EAST-CTR) LIGHT	
P113	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 25)	CHEM RM (EAST) LIGHT	
P114	3/4"	2 - #12	1 - #12	LIGHTING CONTROL PANEL (LCP-A)	BUILDING OUTDOOR WALL PACKS (EAST)	
P115	3/4"	2 - #12	1 - #12	LIGHTING CONTROL PANEL (LCP-A)	BUILDING OUTDOOR WALL PACKS (NORTH, WEST, SOUTH)	
P116	3/4"	2 - #12	1 - #12	LIGHTING CONTROL PANEL (LCP-A)	PUMP AREA OUTDOOR LIGHTS	
P117	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 20)	EXIT SIGN (PROCESS RM)	
P118	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 22)	EXIT SIGN (STORAGE RM)	
P119	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 24)	RECEPTACLES (CHEM ROOMS)	GFCI RECEPTACLES
P120	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 41)	RECEPTACLES (PROCESS RM EAST)	GFCI RECEPTACLES
P121	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 42)	RECEPTACLES (PROCESS RM WEST)	GFCI RECEPTACLES
P122	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 27, 29)	RECEPTACLE (PROCESS RM 208V)	GFCI RECEPTACLE
P123	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 31, 33)	RECEPTACLE (POOL DECK 208V SOUTH)	GFCI RECEPTACLE
P124	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 30, 32)	RECEPTACLE (POOL DECK 208V NORTH)	GFCI RECEPTACLE
P125	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 34)	RECEPTACLES (STORAGE RM)	GFCI RECEPTACLES
P126	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 36)	RECEPTACLES (PUMP AREA)	GFCI RECEPTACLES

CITY OF SANTA CLARITA
BUILDING & SAFETY
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F. Svendsen



BLD25-00576 (ARCH)

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REVISION:	09/30/2025
DATE:	09/30/2025
BY:	PM-DESIGN
FOR:	PM-CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 19-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY CODE SECTION 23A.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME BY THE CITY OF SANTA CLARITA TO APPROVE THE MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG
PROJECT ENGINEER:	PROJECT ENGINEER
R.C.E. NO.:	06000000
EXP. DATE:	06/27/27
DRAWN:	J.P.
DESIGNED:	J.P.
CHECKED:	Z.S.
DATE:	09/29/25

TITLE

**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**
SANTA CLARITA CA

SHEET
E5.0
49 OF 60 SHEETS
JOB NO. C258

POWER CONDUIT WIRE SCHEDULE						
CONDUIT		WIRE*		FROM	TO	REMARKS
NO.	SIZE	POWER	GROUND			
P127	3/4"	4 - #10	2 - #10	PANEL-PMP (CKTS. 9, 11)	JB-P127	FOR EXIST POOL DECK POST LT RECEP 1, 2, 3, 4
P127A	3/4"	4 - #12	2 - #12	LIGHTING CONTROL PANEL (LCP-A)	JB-P127	FOR POOL DECK POST LTS 1, 2, 3, 4
P128	3/4"	2 - #12	1 - #12	LIGHTING CONTROL PANEL (LCP-A)	JB-P128	FOR EXIST POOL LT 1
P129	1"	4 - #10, 4 - #12	2 - #10, 2 - #12	LIGHTING CONTROL PANEL (LCP-A)	JB-P129	FOR EXIST POOL LTS 2, 3, 4, 5
P130	1"	2 - #10	1 - #10	PANEL-PMP (CKT. 18)	JB-P130	FOR EXIST SUMP PUMP
P131	3/4"	2 - #12	1 - #10	PANEL-PMP (CKT. 8)	MOTOR STARTER - PRESSURE SUSTAINING PUMP	
P131A	3/4"	2 - #12	1 - #10	MOTOR STARTER - PRESSURE SUSTAINING PUMP	PRESSURE SUSTAINING PUMP	
P132	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 43)	MOTOR STARTER - CHEM RM (WEST) EXHAUST FAN	
P132A	3/4"	2 - #12	1 - #12	MOTOR STARTER - CHEM RM (WEST) EXHAUST FAN	CHEM RM (WEST) EXHAUST FAN	
P133	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 45)	MOTOR STARTER - CHEM RM (WEST-CTR) EXHAUST FAN	
P133A	3/4"	2 - #12	1 - #12	MOTOR STARTER - CHEM RM (WEST-CTR) EXHAUST FAN	CHEM RM (WEST-CTR) EXHAUST FAN	
P134	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 47)	MOTOR STARTER - CHEM RM (CENTER) EXHAUST FAN	
P134A	3/4"	2 - #12	1 - #12	MOTOR STARTER - CHEM RM (CENTER) EXHAUST FAN	CHEM RM (CENTER) EXHAUST FAN	
P135	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 49)	MOTOR STARTER - CHEM RM (EAST-CTR) EXHAUST FAN	
P135A	3/4"	2 - #12	1 - #12	MOTOR STARTER - CHEM RM (EAST-CTR) EXHAUST FAN	CHEM RM (EAST-CTR) EXHAUST FAN	
P136	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 46)	MOTOR STARTER - PROCESS RM EXHAUST FAN	
P136A	3/4"	2 - #12	1 - #12	MOTOR STARTER - PROCESS RM EXHAUST FAN	PROCESS RM EXHAUST FAN	
P137	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 48)	MOTOR STARTER - STORAGE RM EXHAUST FAN	
P137A	3/4"	2 - #12	1 - #12	MOTOR STARTER - STORAGE RM EXHAUST FAN	STORAGE RM EXHAUST FAN	
P138	3/4"	2 - #12	1 - #12	PUMP CONTROL PANEL	FLOW TRANSMITTER	24 VDC POWER
P139	3/4"	2 - #12	1 - #12	PUMP CONTROL PANEL	SOLENOID FILL VALVE	
P140	3/4"	2 - #12	1 - #12	PANEL-PMP (CKT. 54)	MOTOR STARTER - EMERG EYEWASH/SHOWER EXHAUST FAN	
P140A	3/4"	2 - #12	1 - #12	MOTOR STARTER - EMERG EYEWASH/SHOWER EXHAUST FAN	EMERG EYEWASH/SHOWER EXHAUST FAN	

CONTROL CONDUIT WIRE SCHEDULE						
CONDUIT		WIRE*		FROM	TO	REMARKS
NO.	SIZE	CONTROL				
C001	SEE NOTE 1	1 - FACT. CBL.		FLOW TRANSMITTER	FLOW SENSOR	
C002	3/4"	1 - #18 TSP		PLC	PRESSURE TRANSDUCER	PLC INSIDE PUMP CONTROL PANEL
C003	3/4"	1 - #18 TSP		PLC	LEVEL TRANSDUCER	PLC INSIDE PUMP CONTROL PANEL
C004	3/4"	2 - #14		PLC	EYEWASH FLOW SWITCH	PLC INSIDE PUMP CONTROL PANEL

NOTES:

1. SIZE OF FACTORY CABLE IS UNKNOWN. CONTRACTOR TO SIZE CONDUIT PER NEC REQUIREMENTS.

**CITY OF SANTA CLARITA
BUILDING & SAFETY**

APPROVED
Under SCMAC Titles
18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen



BLD25-00576 (ARCH)

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PACE
Advanced Water Engineering

17520 Newhope Street, Suite 200 | Fountain Valley, CA 92708
P: (714) 481-7300 | www.pacewater.com

REVISION: DATE: 09/30/2025 BY: PM-DESN	EXECUTION DATE
REVISION: DATE: 09/30/2025 BY: PM-CONSTRUCTION	EXECUTION DATE

IN ACCORDANCE WITH RESOLUTION NO. 18-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE CODE SECTION 83A.6 FOR THE PROJECT OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY: ZIRANG SONG	PROJECT ENGINEER	R.C.E. NO. -- # 69315	SCALE	DATE: 03/2025
EXP: 06/30/2026	DRAWN: J/P	DESIGNED: J/P	CHECKED: Z/S	

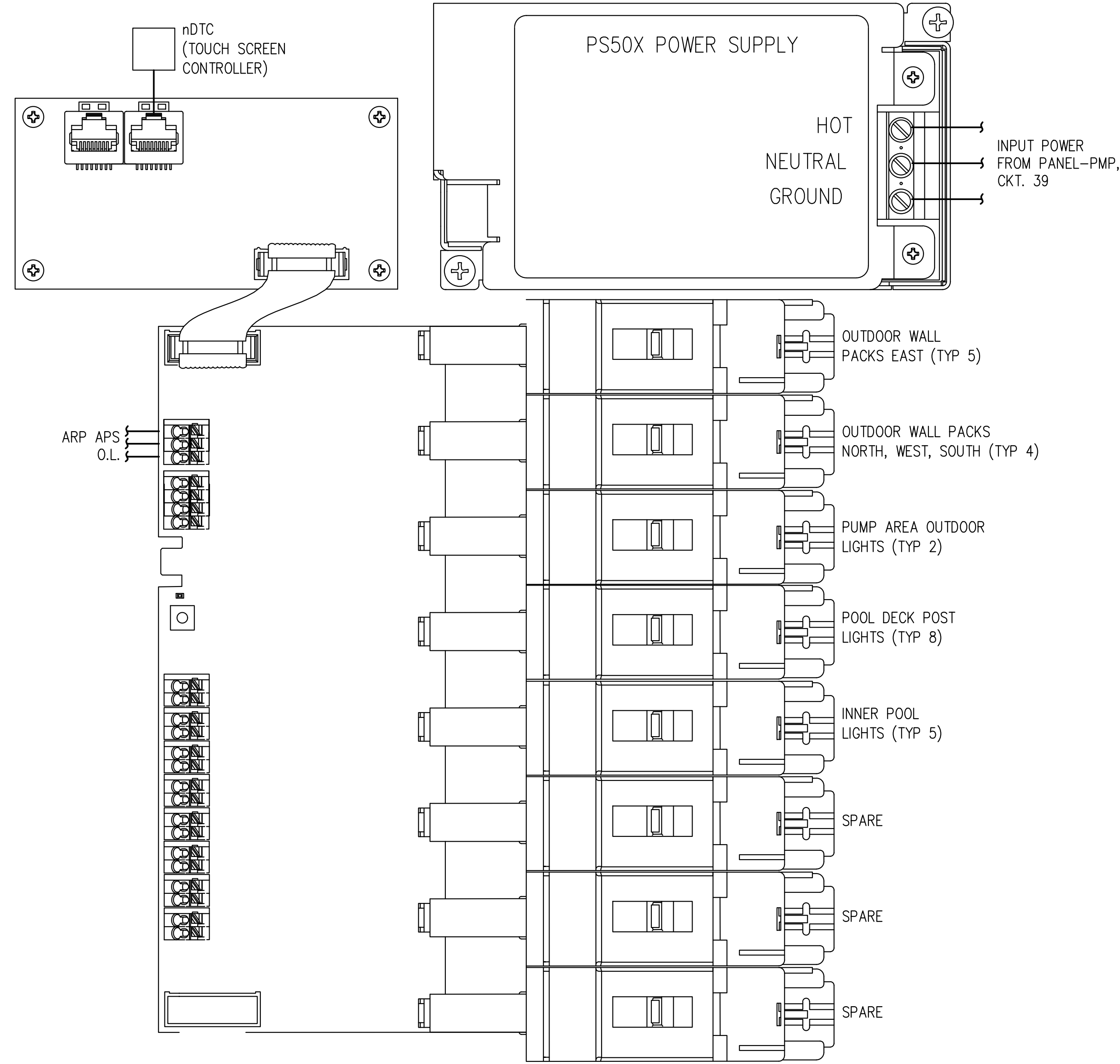
**CABLE & CONDUIT
SCHEDULES II**

**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**

SANTA CLARITA CA

C258 SHEET **E5.1** 51 OF 60 SHEETS

JOB NO. C258



**LIGHTING CONTROL PANEL WIRING SCHEMATIC
AND PANEL LAYOUT (120 VAC) FOR OUTDOOR LIGHTING
NTS**

CONSTRUCTION NOTES

- 1 OUTDOOR LIGHTING CONTROL PANEL (LCP-A), 120-277 VAC, 1PH, 8 RELAYS, DIGITAL TIME CLOCK, ANALOG PHOTOSENSOR (WIRED TO PANEL MTD. OUTDOOR), NEMA 4X, PANEL DIMS: 14.41"H x 14.41"W x 4.05"D, MF'R: ACUITY BRANDS, PN ARP INTENC08 NLT-BFCR-MVOLT-SC-SM-DTC-ARPA APS OL (OR APPROVED EQUAL).



BLD25-00576 (ARCH)
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REVISION:	09/30/2025
DATE:	09/30/2025
BY:	J.P.
FOR:	CONSTRUCTION

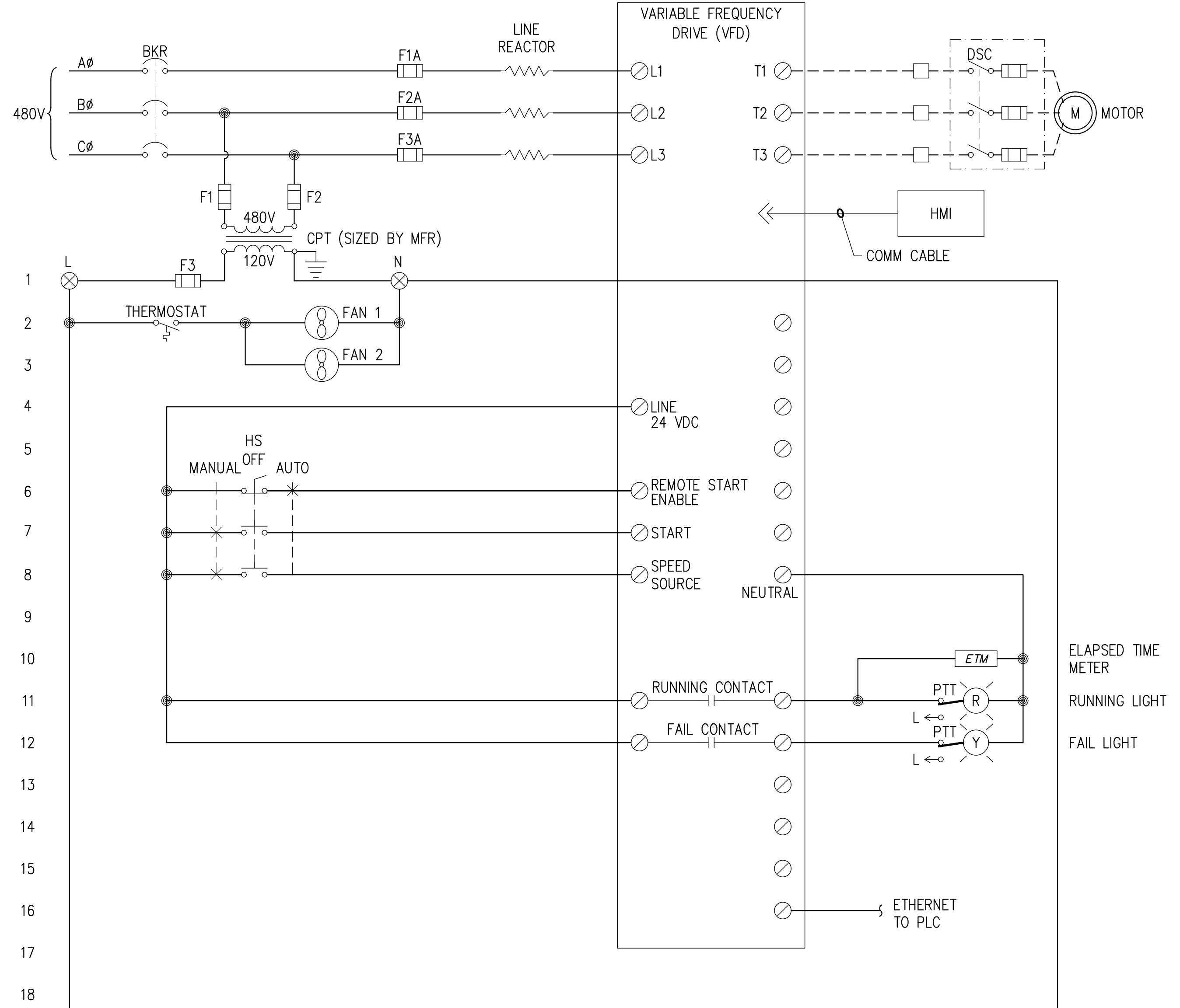
IN ACCORDANCE WITH RESOLUTION NO. 18-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO PUBLIC FACILITIES, THE CITY ENGINEER HAS REVIEWED THESE PLANS AND FOUND THEM TO BE IN ACCORDANCE WITH THE CITY ENGINEERING CODE SECTION 83.0.6. FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME BY THE CITY COUNCIL TO APPROVE THE PLAN OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG
PROJECT ENGINEER:	PROJECT ENGINEER # 69315
EXP. DATE:	06/30/27
DRAWN BY:	J.P.
DESIGNED BY:	J.P.
CHECKED BY:	Z.S.
DATE:	09/29/25

ELEMENTARY CONTROL DIAGRAM

TITLE	NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)
SHEET	51 OF 60 SHEETS
JOB NO.	C258
CA	SANTA CLARITA
F6.0	



VERTICAL TURBINE POOL PUMP
CONTROL SCHEMATIC
NTS

- LEGEND:
- ⊗ TERMINAL IN PLC
 - TERMINAL ON VFD
 - TERMINAL IN FIELD

REVISION:	09/30/2025
DATE:	09/30/2025
BY:	PM: DESIGN
FOR:	PM: CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 19-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE CODE SECTION 83A.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG
PROJECT ENGINEER:	R.C.E. NO. -- # 69315
EXP.:	06/30/2026
DRAWN:	J.P.
DESIGNED:	J.P.
CHECKED:	Z.S.
SCALE:	
DATE:	09/29/2025

ELEMENTARY CONTROL DIAGRAM II

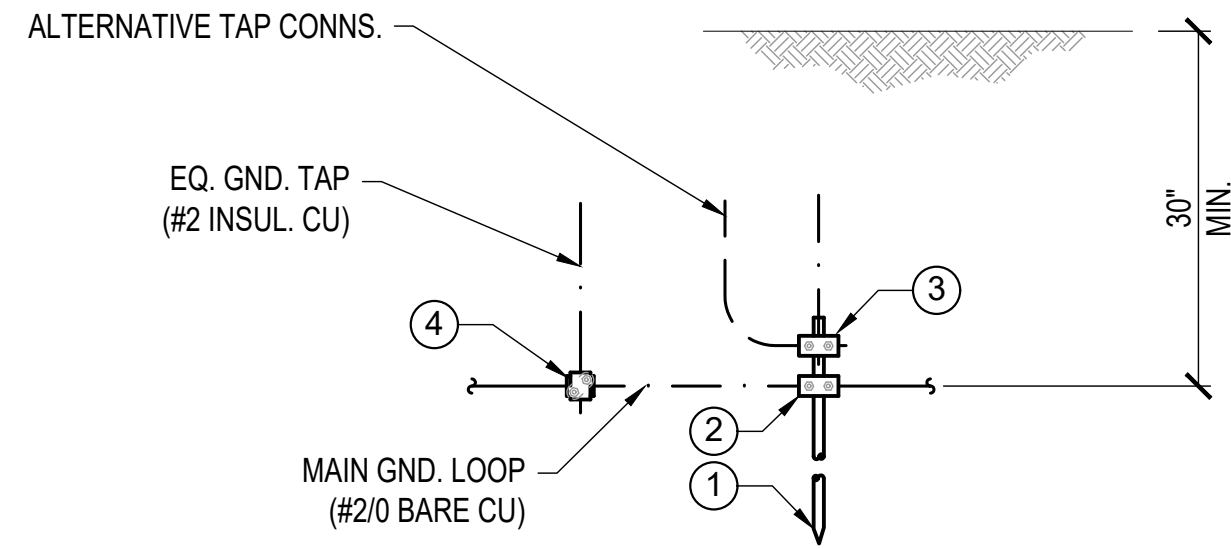
NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)

SANTA CLARITA CA

SHEET	F6.1
53 OF 60 SHEETS	
JOB NO.	C258



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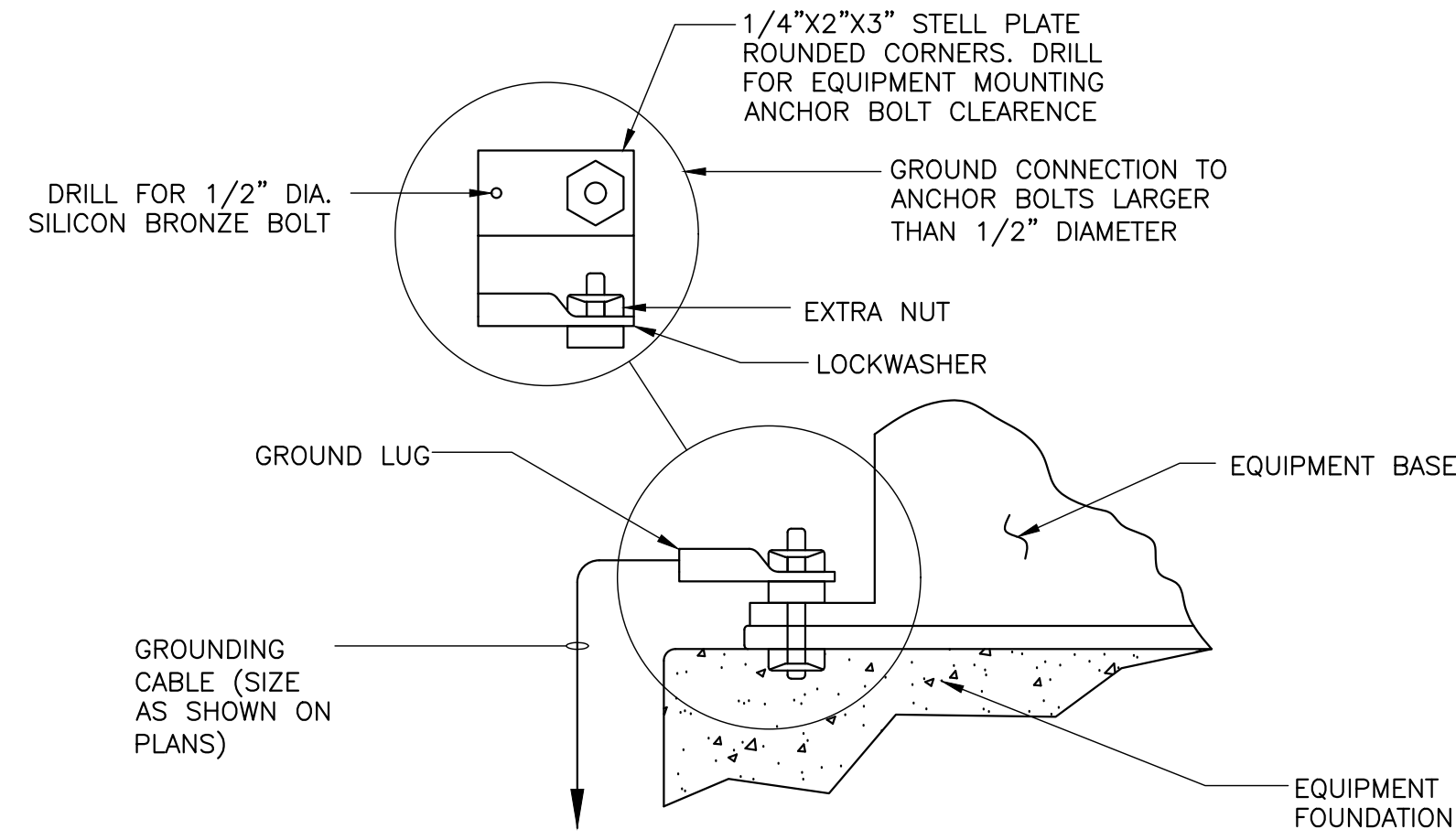
BILL OF MATERIALS		
NO.	DESCRIPTION	QTY
1	GROUND ROD, 3/4" DIA. x 10', COPPER-CLAD STEEL	1
2	GROUND ROD CONNECTOR (5/8"-3/4", 2/0 SOL-250) BURNDY #GAR6429 OR EQUAL	1
3	GROUND ROD CONNECTOR (5/8"-3/4", #4 SOL-2/0) BURNDY #GAR6426 OR EQUAL	1
4	GROUND CABLE CONNECTOR (#2/0-250 TO #4-#2/0) BURNDY #GX2926 OR EQUAL	1

GROUND ROD INSTALLATION DETAIL

NTS

EQUIPMENT GROUNDING DETAIL

NTS

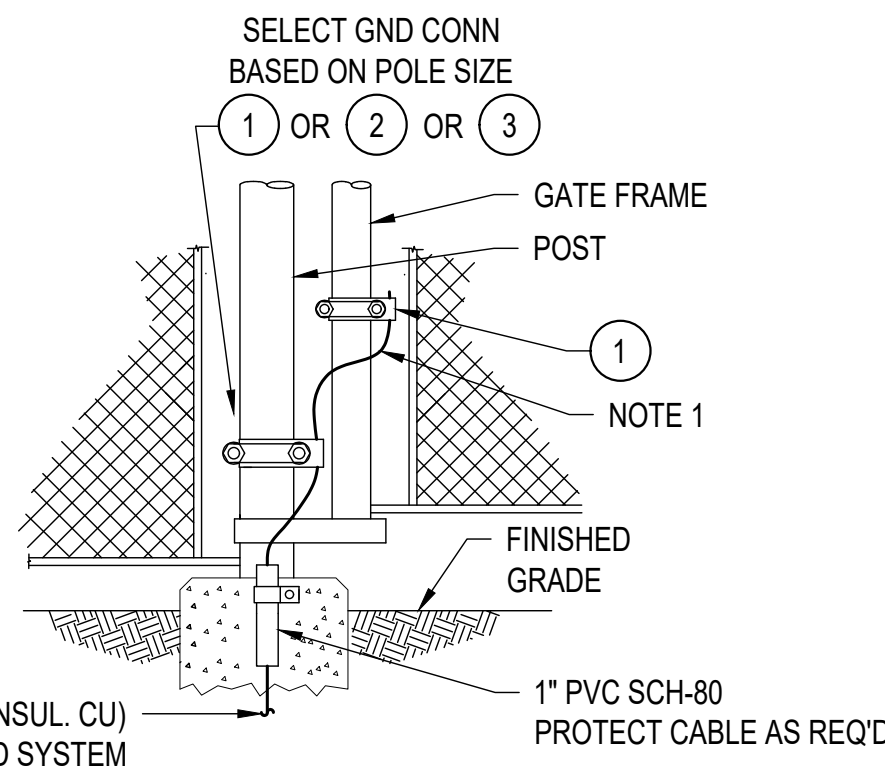


NOTE:
GROUND LUG SHALL BE BOLTED TO THE ANCHOR WITH A SECOND NUT AND LOCKWASHER. WHEN THE ANCHOR BOLT IS TOO LARGE FOR THE GROUND LUG A STEEL PLATE SHALL BE PROVIDED. DRILLED FOR ANCHOR BOLT CLEARANCE AND INSTALLED AS SHOWN WITH GROUND CONNECTOR BOLTED TO THE STEEL PLATE WITH 1/2" SILICONE BRONZE BOLT NUT AND FLAT WASHER.



CONDUIT LABELING DETAIL

NTS



NOTES:
1. LEAVE SUFFICIENT SLACK IN CABLE FOR GATE SWING.

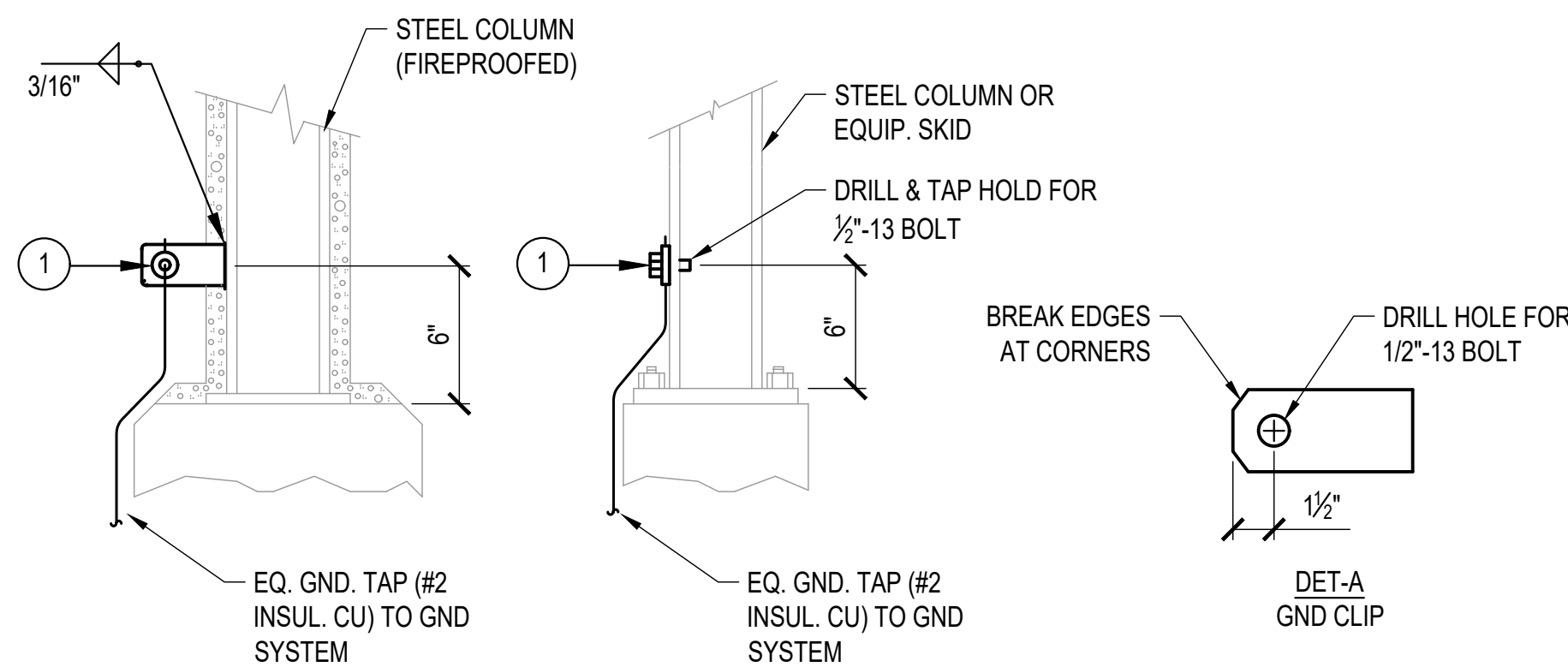
BILL OF MATERIALS		
NO.	DESCRIPTION	QTY
1	GROUND CONNECTOR, 1/C (1.25-2", #4-#4/0) BURNDY #GAR3903 OR EQUAL	1
2	GROUND CONNECTOR, 1/C (2.5-3.5", #4-#4/0) BURNDY #GAR3904 OR EQUAL	1
3	GROUND CONNECTOR, 1/C (6", #4-#4/0) BURNDY #GAR3906 OR EQUAL	1

GROUND TO FENCE DETAIL

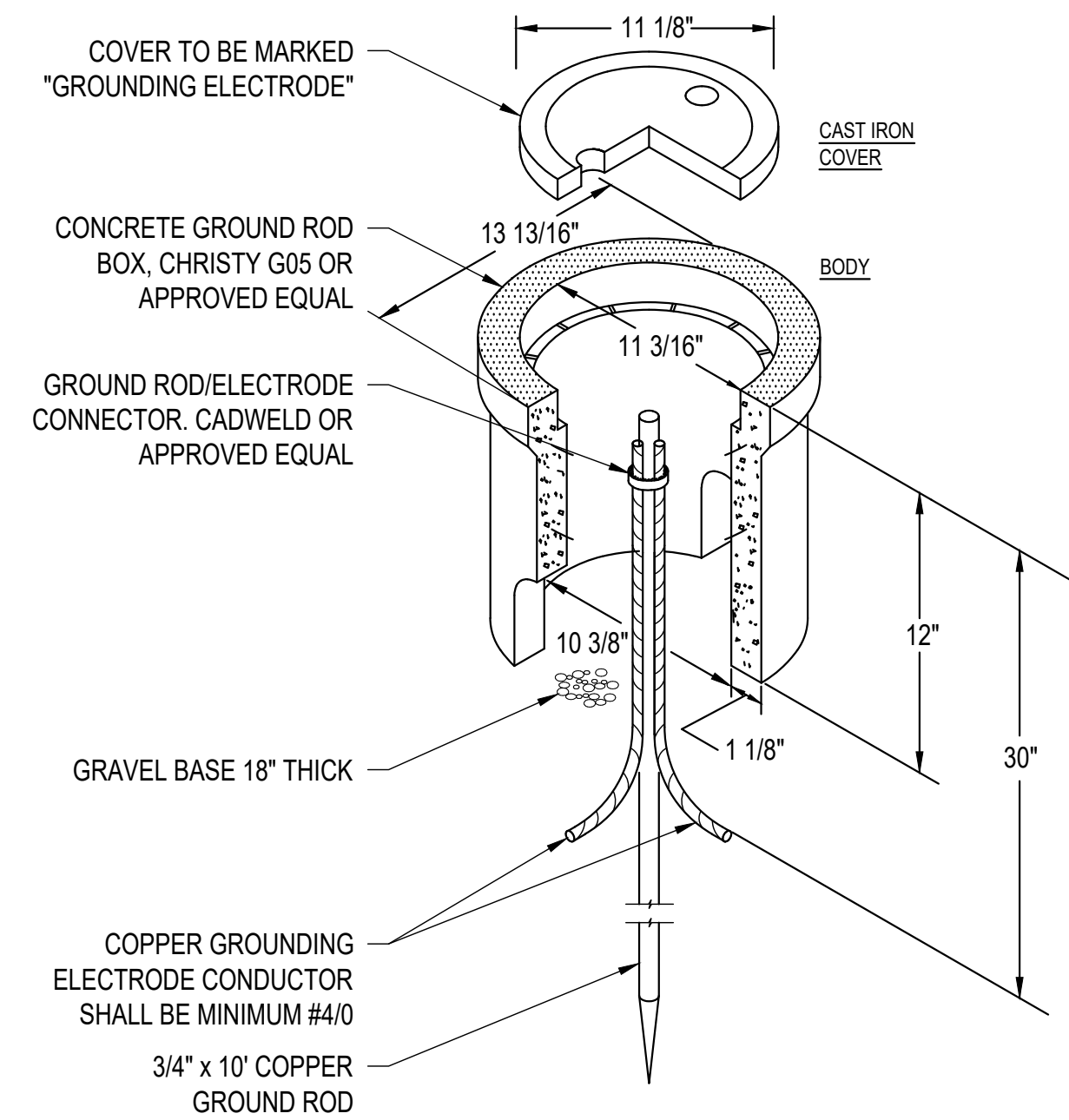
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EQUIPMENT STEEL/COLUMN GROUNDING DETAIL

NTS

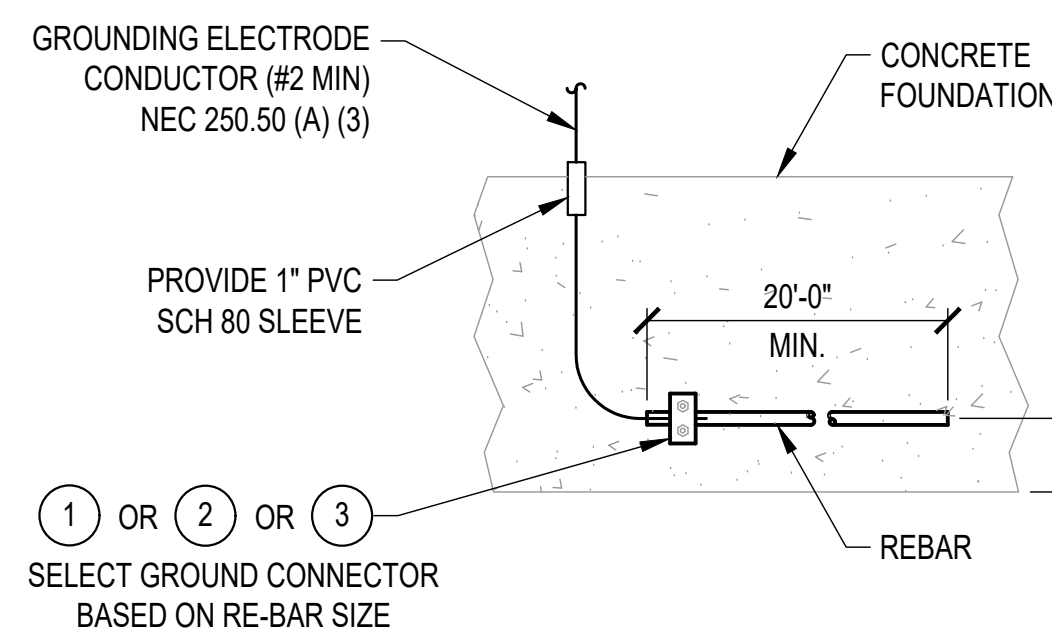


BILL OF MATERIALS		
NO.	DESCRIPTION	QTY
1	SERVIT POST CONNECTOR, 2/C, 1/2"-13 LONG STUD, #2-#2/0 W/ NUT & LOCKWASHER, BURNDY#K2C25B1	1
2	GROUND CLIP, MILD STEEL, 5" x 3" x 1/4" FIELD FABRICATE - SEE DET-A	1



CONCRETE GROUND ROD INSPECTION DETAIL

NTS



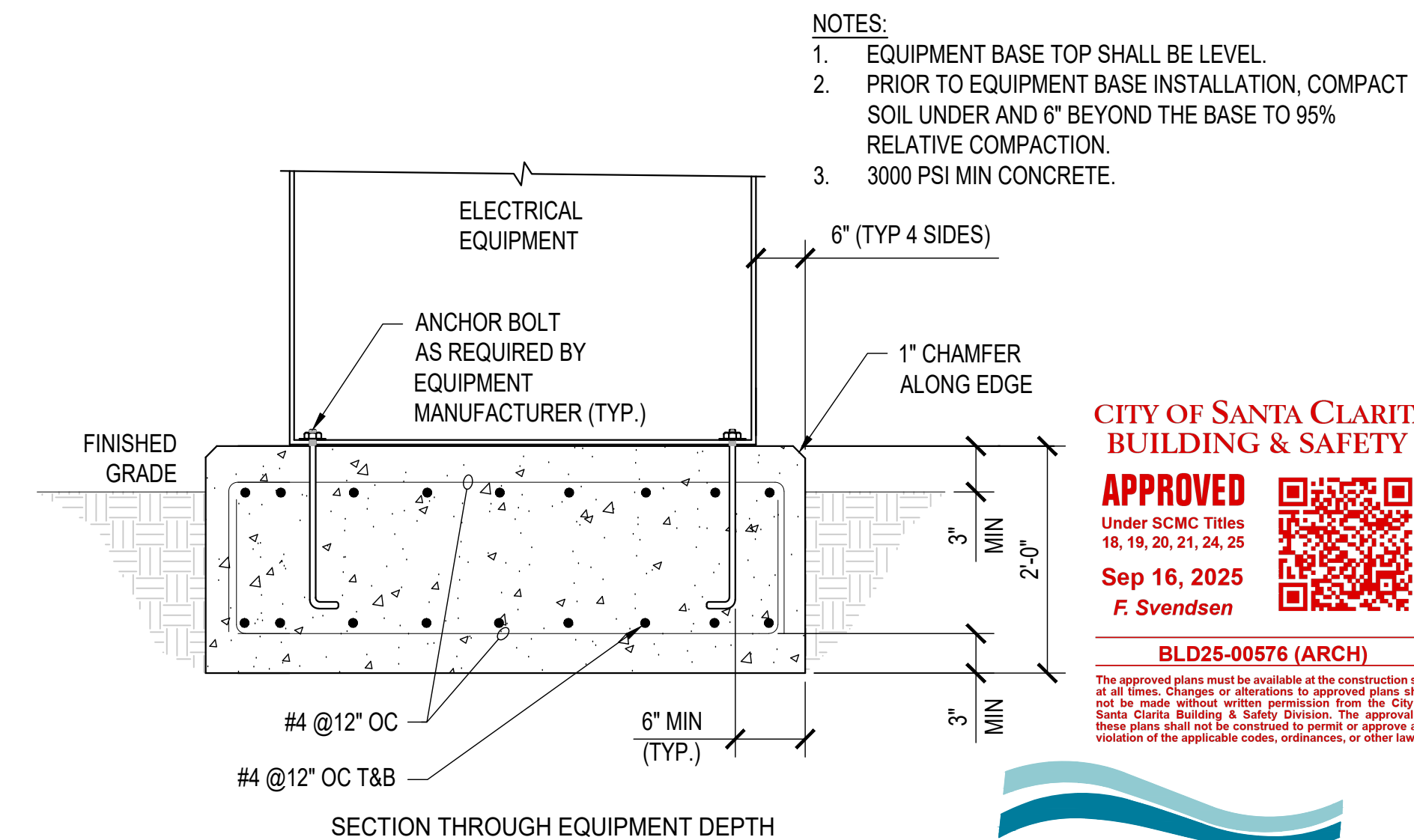
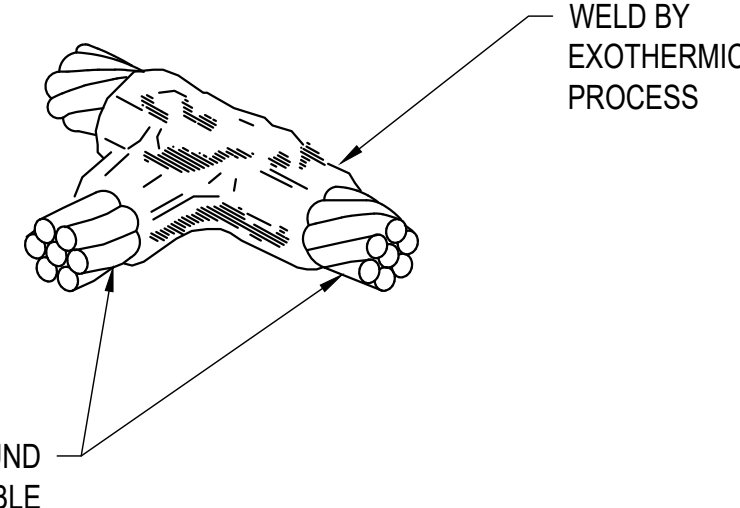
BILL OF MATERIALS		
NO.	DESCRIPTION	QTY
1	#4 RE-BAR, 1/2" DIA. - USE GND. CONN. BURNDY #GAR1126 OR EQUAL	1
2	#5 OR #6 RE-BAR, 5/8" or 3/4" DIA. - USE GND. CONN. BURNDY #GAR6426 OR EQUAL	1
3	#7 OR #8 RE-BAR, 7/8" or 1" DIA. - USE GND. CONN. BURNDY #GAR1426 OR EQUAL	1

GROUND BOND TO REBAR DETAIL

NTS

GROUND RING CONNECTION DETAIL

NTS



TYPICAL EQUIPMENT PAD DETAIL

NTS

REVISION:	09/30/2025	EXECUTION DATE
DATE:	09/30/2025	EXECUTION DATE
BY:	J.P.	BY:
CHECKED:	J.P.	CHECKED:

IN ACCORDANCE WITH RESOLUTION NO. 19-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY OF SANTA CLARITA HEREBY AUTHORIZES THE CITY ENGINEER TO EXECUTE THE CODE SECTION 830.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT OR TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZIRANG SONG	SCALE:		DATE:	03/2025
PROJECT ENGINEER:	R.C.E. NO. -- # 69315	DRAWN:	J.P.	DESIGNED:	J.P.
EXP.:	06/30/2026	CHECKED:	J.P.		

ELECTRICAL DETAILS I

NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)

SANTA CLARITA CA

SHEET	E7.0
JOB NO.	C258

PACE
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CITY OF SANTA CLARITA BUILDING & SAFETY

APPROVED
Under SCMC Titles 18, 19, 20, 21, 24, 25
Sep 16, 2025
F. Svendsen

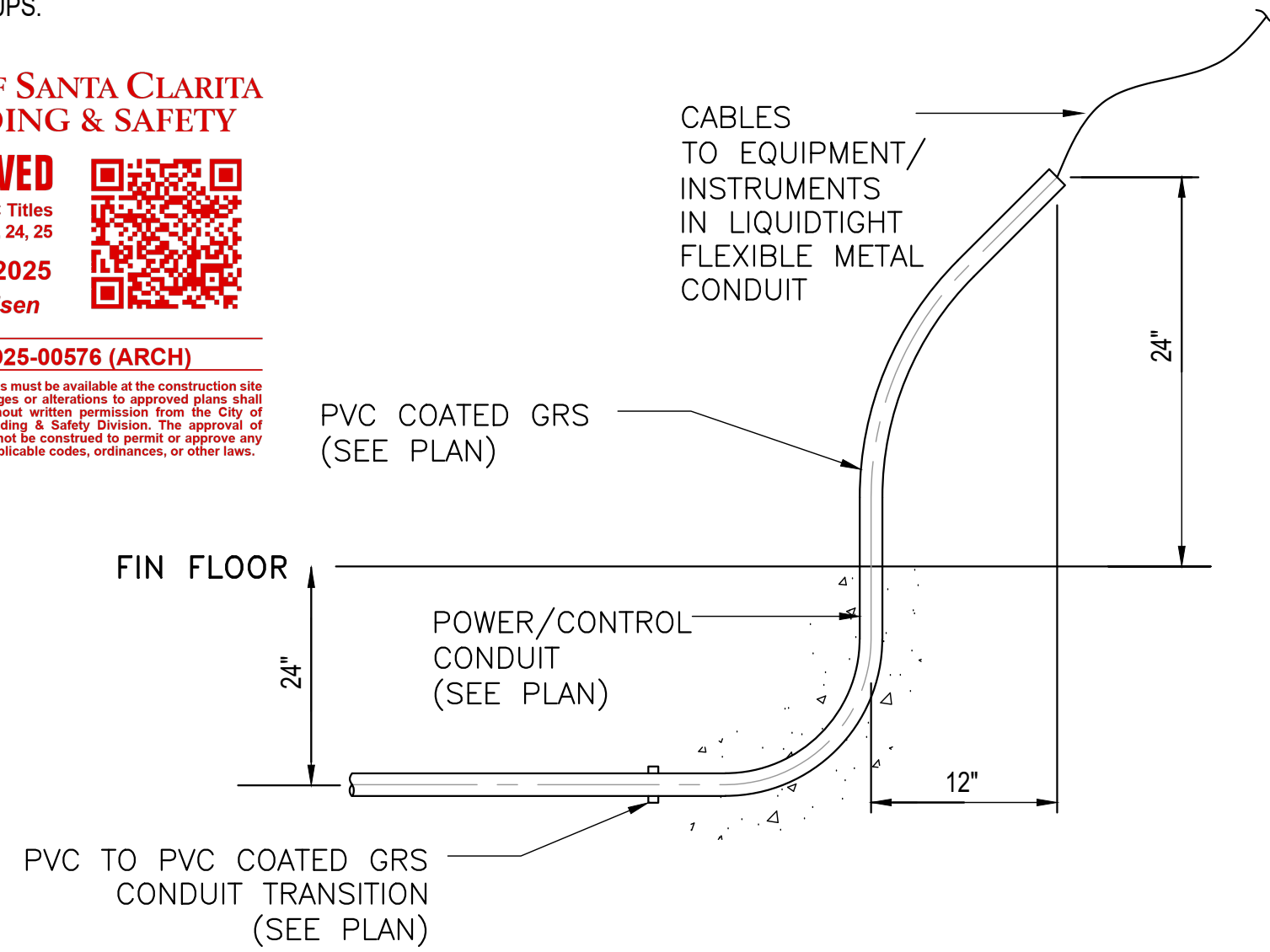
BLD25-00576 (ARCH)

- NOTES:
1. PROVIDE CONCRETE ENCASUREMENT FOR CONDUITS UNDERGROUND.
 2. PROVIDE APPROXIMATELY 18" SEPARATION FROM CONTROL AND POWER CONDUIT STUB-UPS.



BLD25-00576 (ARCH)

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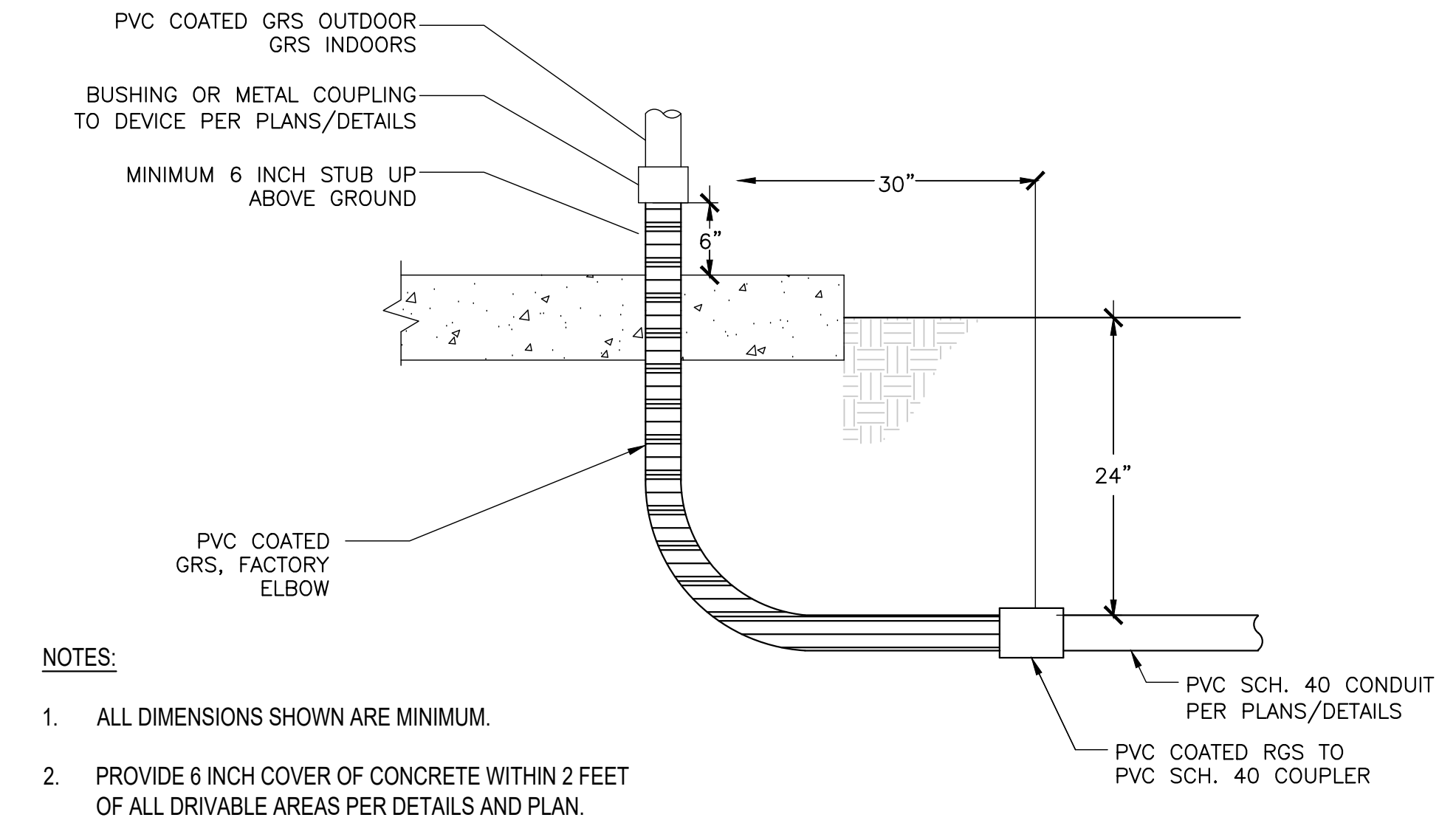
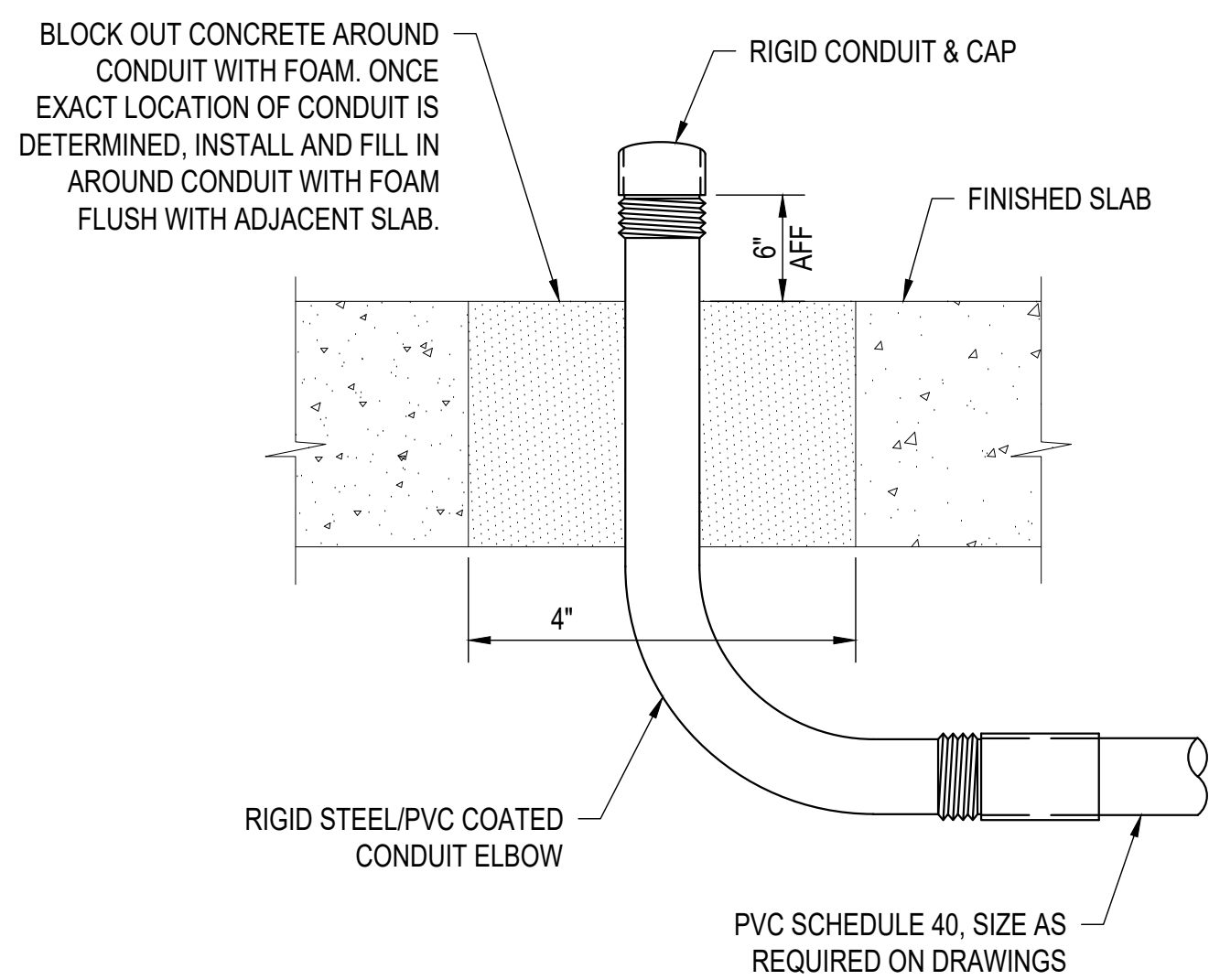


TYPICAL CONDUIT STUB UP DETAIL

NTS

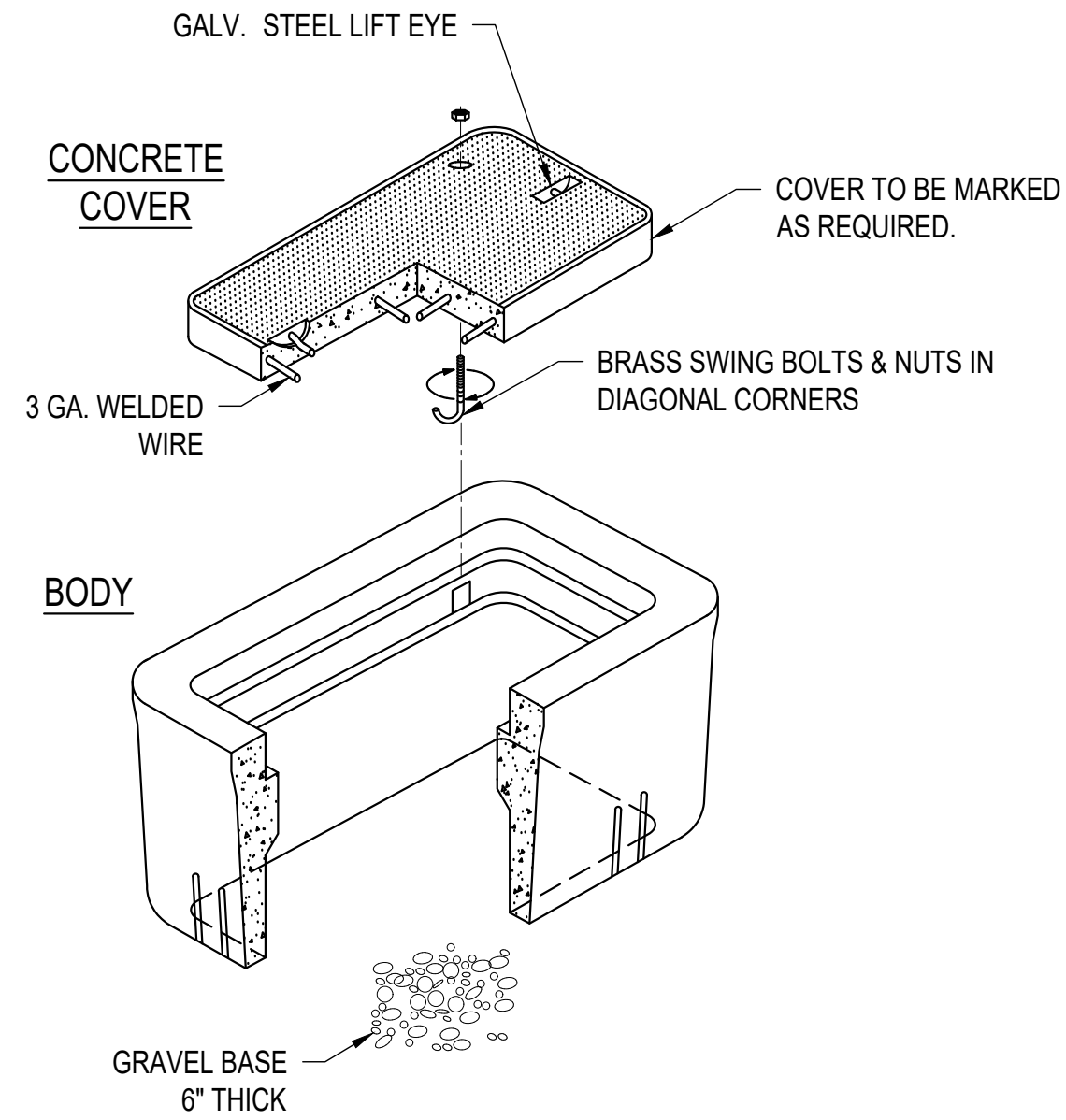
TYPICAL CONDUIT STUB-UP DETAIL FOR FUTURE INSTALLATIONS

NTS



TYPICAL CONDUIT TRANSITION DETAIL

NTS



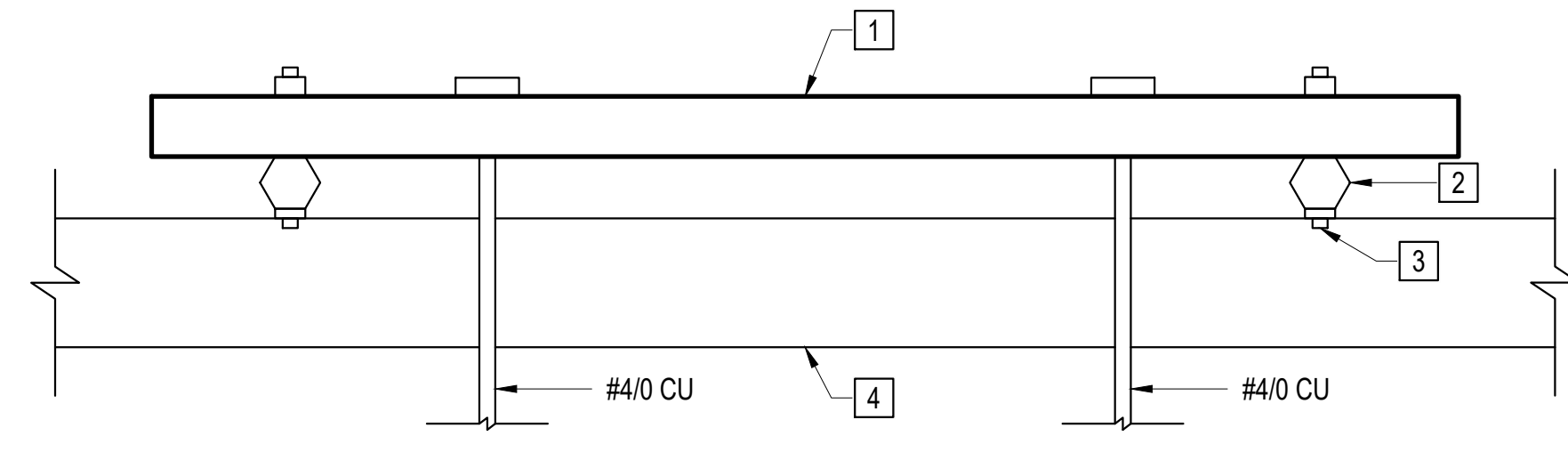
- NOTES:
1. CONCRETE PULLBOX, CHRISTY, JENSEN OR APPROVED EQUIVALENT. PULLBOX TO BE APPROPRIATE SIZE FOR NUMBER AND SIZE OF CONDUITS ENTERING AND EXITING. PROVIDE EXTENSIONS AS REQUIRED FOR DEPTH.
 2. IN UNPAVED AREAS, PROVIDE CONCRETE COLLAR AROUND PULLBOX, 6" MIN. WIDE BY 6" MIN. DEEP.
 3. ALL CONDUITS WITHIN THE PULLBOX ARE TO BE SEALED WITH RTV DUCT SEAL TO PREVENT WATER ENTERING CONDUIT SYSTEM.
 4. ALL CONDUCTORS AND CABLES ARE TO BE GROUPED AND WIRE TIED EVERY 6" PER CONDUIT FILL.
 5. ALL SPLICES WITHIN THE PULLBOX ARE TO BE SEALED WITH AN INSULATING AND ENCAPSULATING RESIN PACK, SCOTCHCAST 4 OR EQUAL

CONCRETE PULLBOX DETAIL

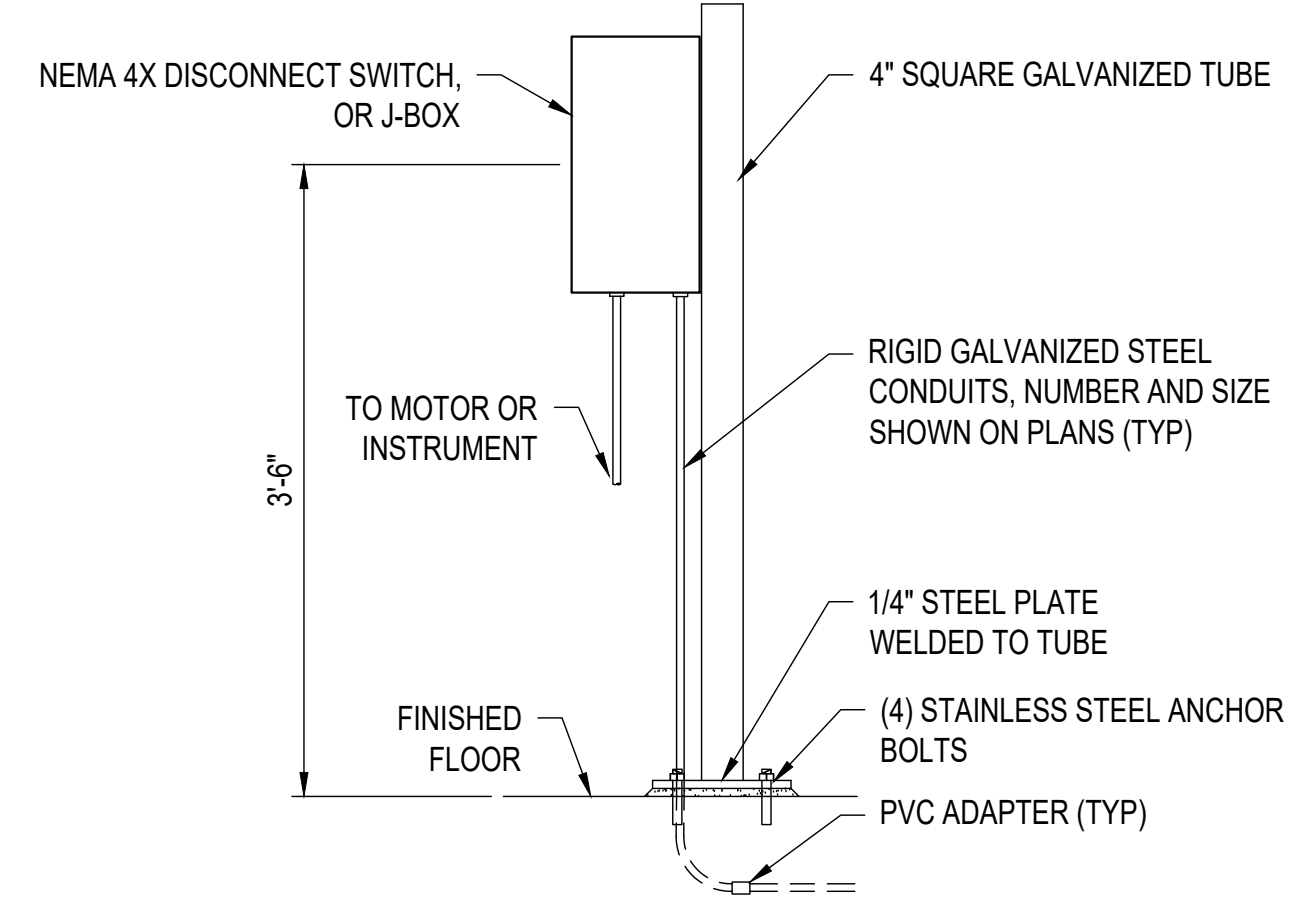
NTS

GROUNDING BUS BAR DETAIL

NTS



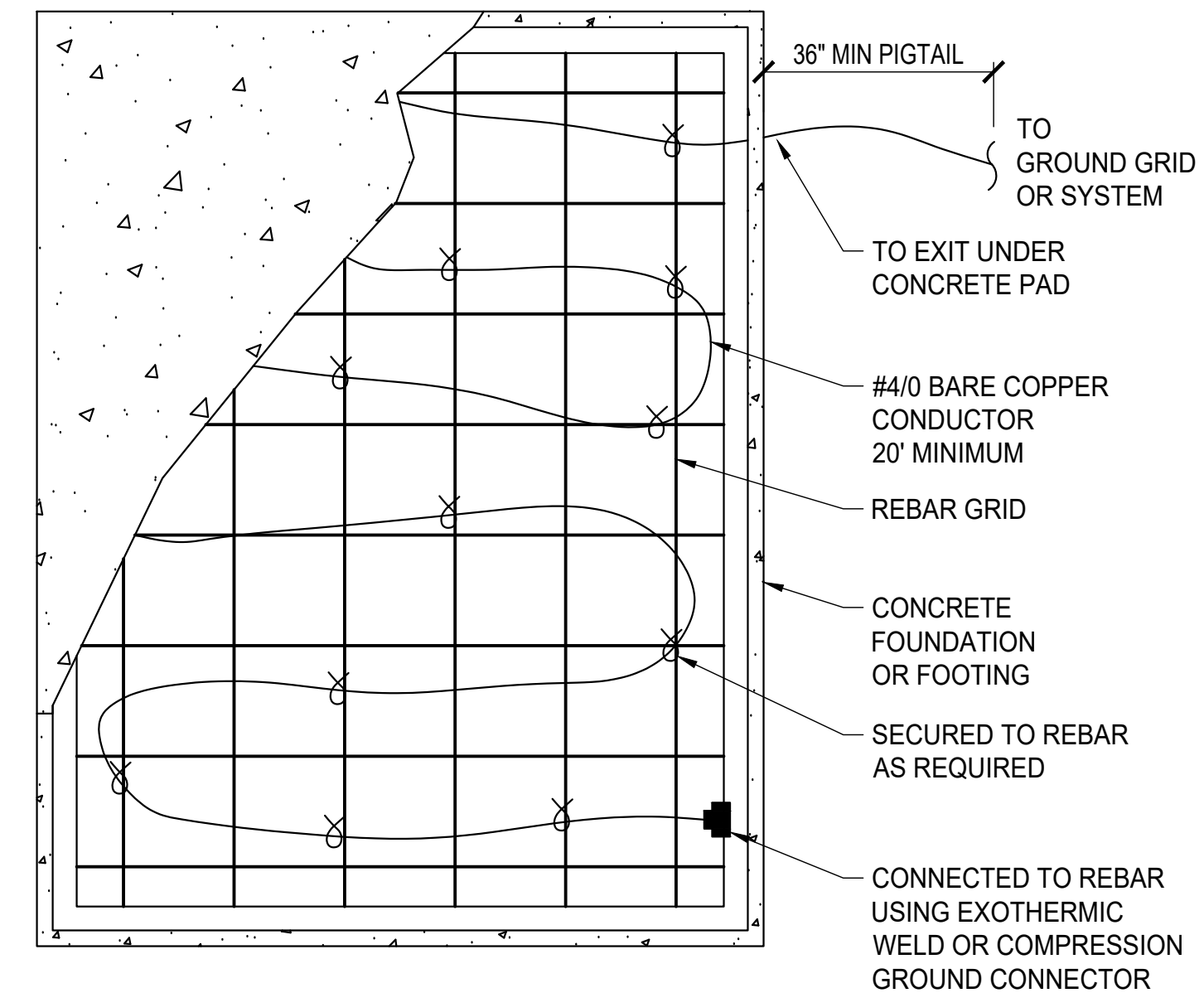
- NOTES:
- 1 4" W X 1/4" D X 24" L GROUNDING BUSBAR, COPPER, MOUNTED 12" AFF.
 - 2 STANDOFF INSULATOR AS REQUIRED.
 - 3 WALL ANCHOR.
 - 4 BUILDING WALL.
 - 5 GROUNDING ELECTRODE CONDUCTOR(S) SHALL BE INSTALLED IN ONE CONTINUOUS LENGTH, WITH A SPLICE OR JOINT BEING MADE ONLY BY IRREVERSIBLE COMPRESSION TYPE CONNECTORS LISTED AS GROUNDING AND BONDING EQUIPMENT OR BY EXOTHERMIC WELDING, PER NEC 250.64(C)1



- NOTES:
1. DISCONNECT SWITCH OR J-BOX SHALL BE NEMA-4X WHEN OUTSIDE AND NEMA 12 STEEL WHEN INSIDE.
 2. ENCLOSURES SHALL BE LABELED WITH THEIR CIRCUIT LOCATION AND DEVICE NAME WITH PERMANENT WEATHERPROOF LABELS.
 3. MAINTAIN MINIMUM 3 FEET 6 INCHES CLEAR DISTANCE AND REQUIRED WORKING SPACE PER NEC 110.26.
 4. DISCONNECT SWITCHES SHALL BE HEAVY DUTY, 600V AND SIZED PER THE SINGLE LINE DIAGRAM.
 5. DISCONNECT SWITCHES SHALL BE FUSED WITH LPJ RATED FUSES FOR AIC RATING COMPLIANCE FOR MORE THAN 10 KAIC AND EQUIPMENT PROTECTION.
 6. CONDUITS SHALL BE ROUTED AS SUCH THAT THEY DO NOT CREATE A TRIPPING HAZARD.
 7. INSTALL ALL ENCLOSURES PER MANUFACTURER REQUIREMENTS AND GROUND/BOND PER CODE.

DISCONNECT SWITCH/J-BOX DETAIL

NTS

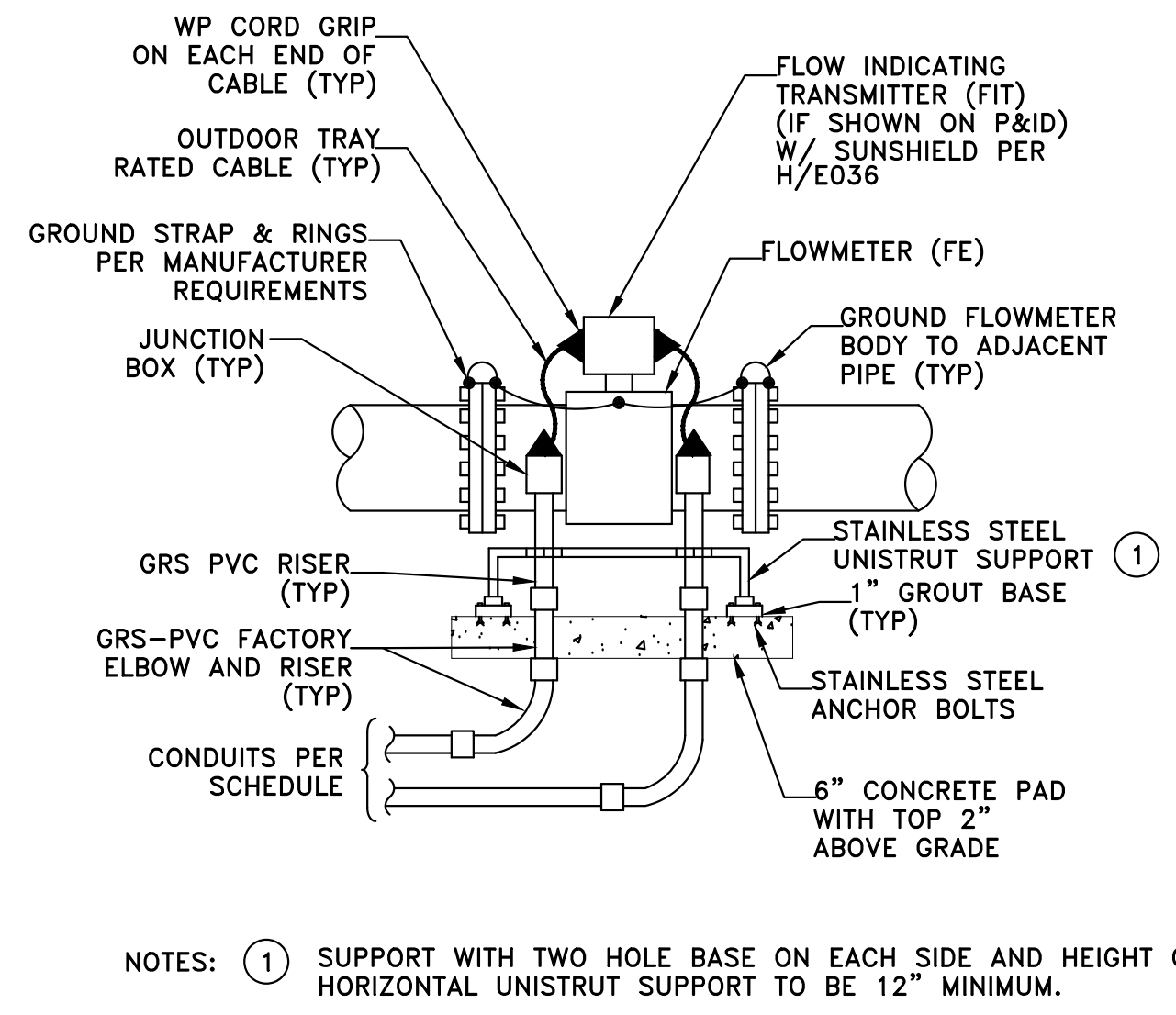


"UFER" GROUNDING DETAIL

NTS

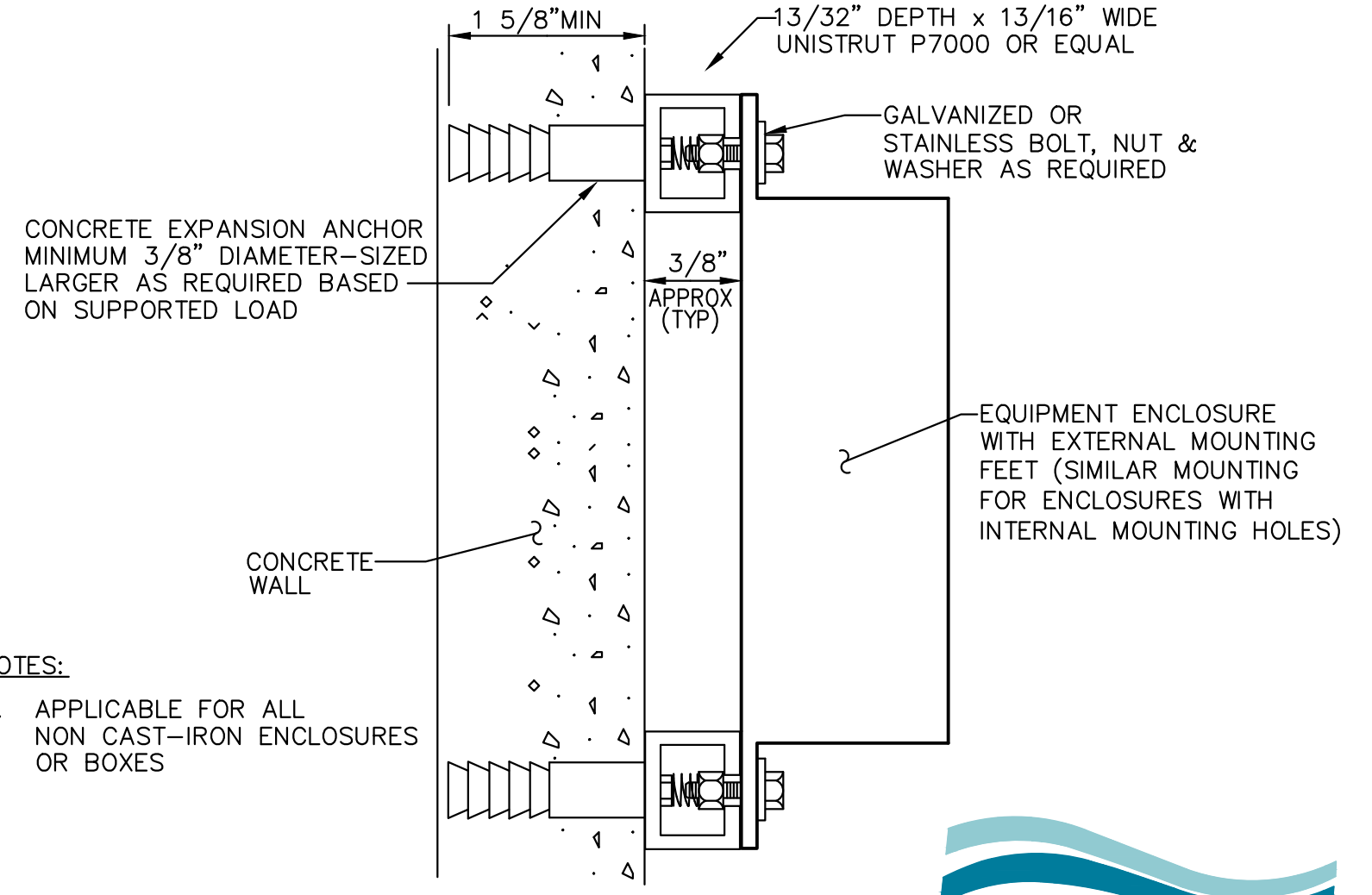
FLOW METER GROUNDING DETAIL

NTS



EQUIPMENT ENCLOSURE MOUNTING ON CONCRETE WALL DETAIL

NTS



ELECTRICAL DETAILS II

TITLE

NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)

SANTA CLARITA CA

SHEET

E7.1

55 OF 60 SHEETS

JOB NO. C258

REVISION:	09/30/2025	EXECUTOR DATE
DATE:	10/10/2024	EXECUTOR
BY:	J.P.	DATE:
PROJECT:	BLD25-00576	DATE:
CONSTRUCTION:	09/30/2025	EXECUTOR DATE

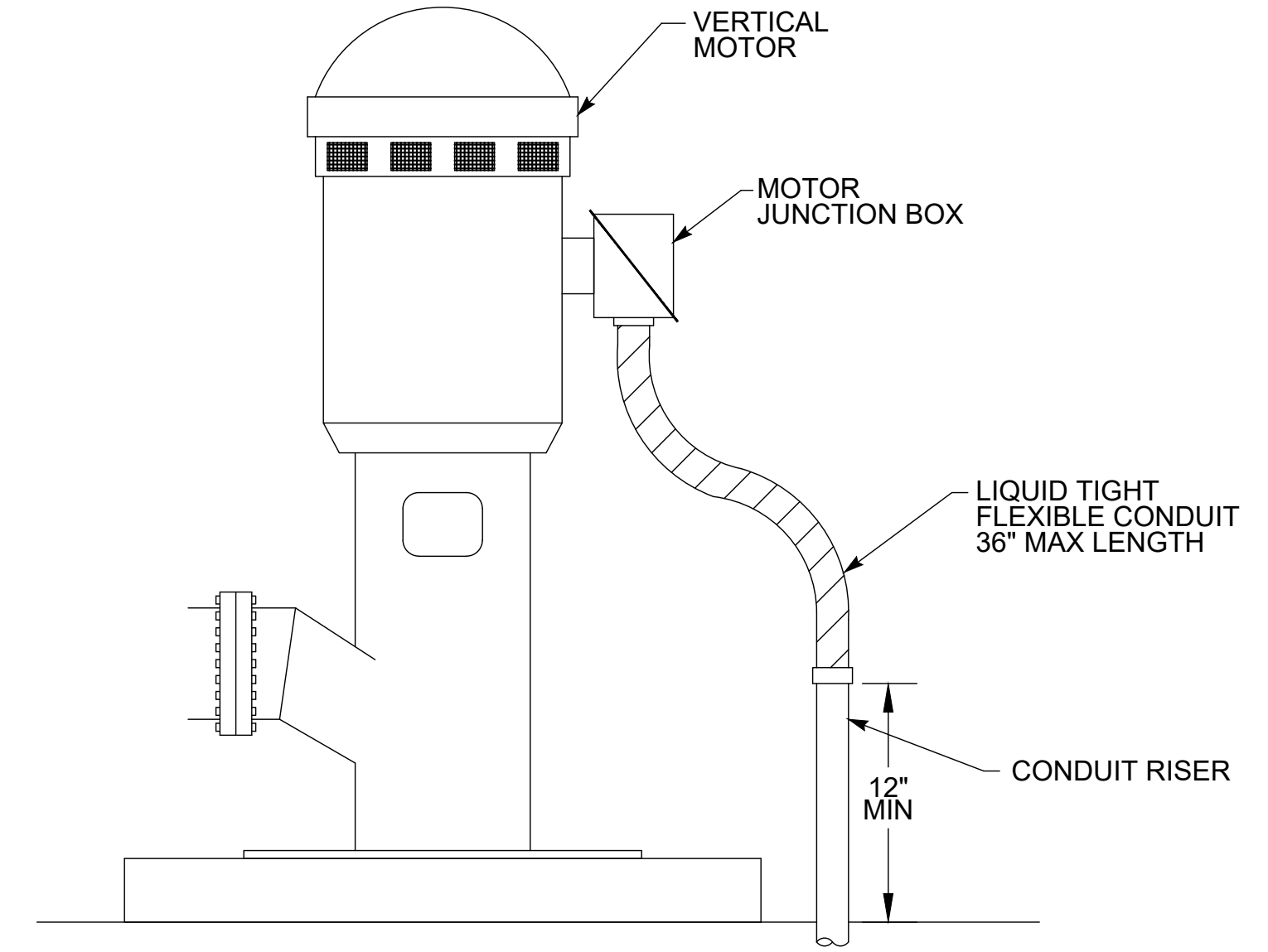
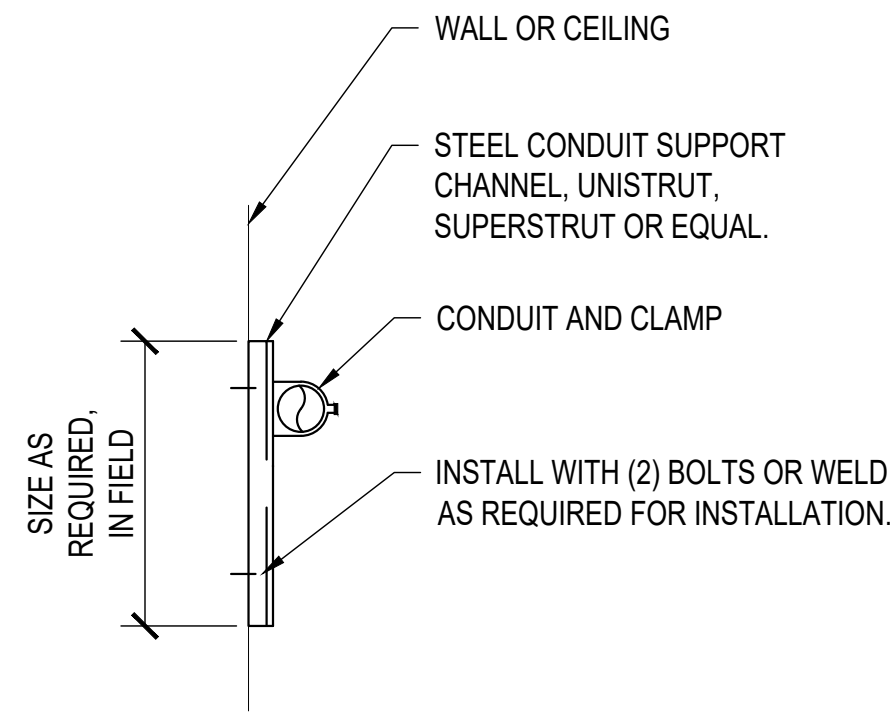
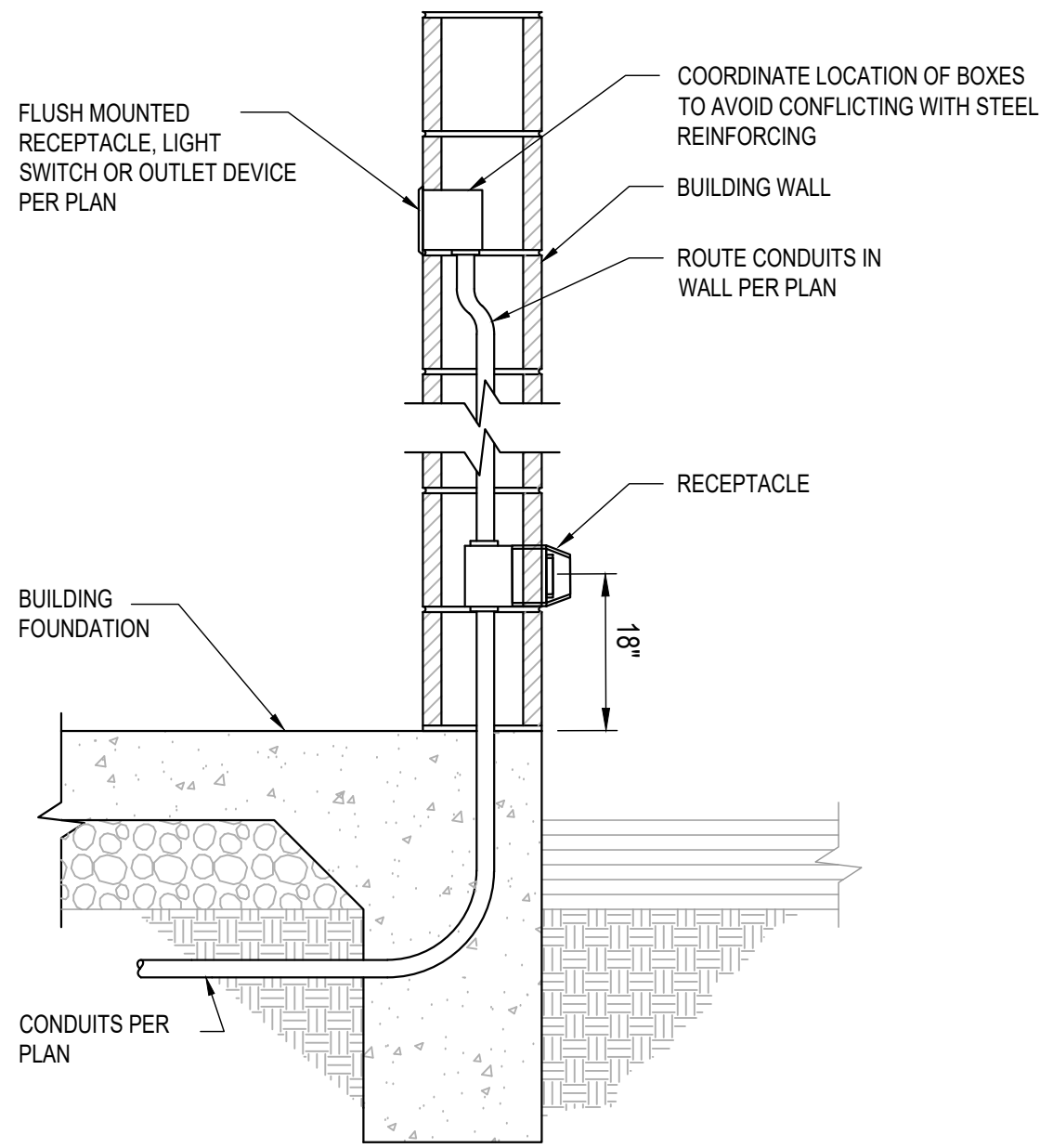
IN ACCORDANCE WITH RESOLUTION NO. 18-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT OF DISCRETION IS APPLICABLE, THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AN AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT OF SIGNATURE AND DATE IS AFFIXED.



PREPARED BY:	ZHIRANG SONG	SCALE:	DATE:
PROJECT ENGINEER:	R.C.E. NO. -- # 69315	DRAWN:	J.P.
EXP.:	06/30/2026	DESIGNED:	J.P.
		CHECKED:	Z/S

NOTES:

- CONDUIT PLACEMENT/SPACING IN THE CMU WALL SHALL BE DONE IN A MANNER THAT DOES NOT AFFECT THE STRUCTURAL INTEGRITY OF THE WALL AND MAINTAINS COMPLIANCE WITH BUILDING STRUCTURAL CODES.
- BOXES IN CONDITIONED AREAS SHALL BE FLUSH WITH THE WALL AND INSTALLED PER NEC 314.19 AND 314.20.
- CONDUITS CONCEALED IN CMU WALLS SHALL BE PVC SCH. 40, MINIMUM SIZE 3/4", AND ENCASED IN CONCRETE.



CONDUITS/OUTLETS IN MASONRY WALL DETAIL

NTS

A

CONDUIT SUPPORT DETAIL

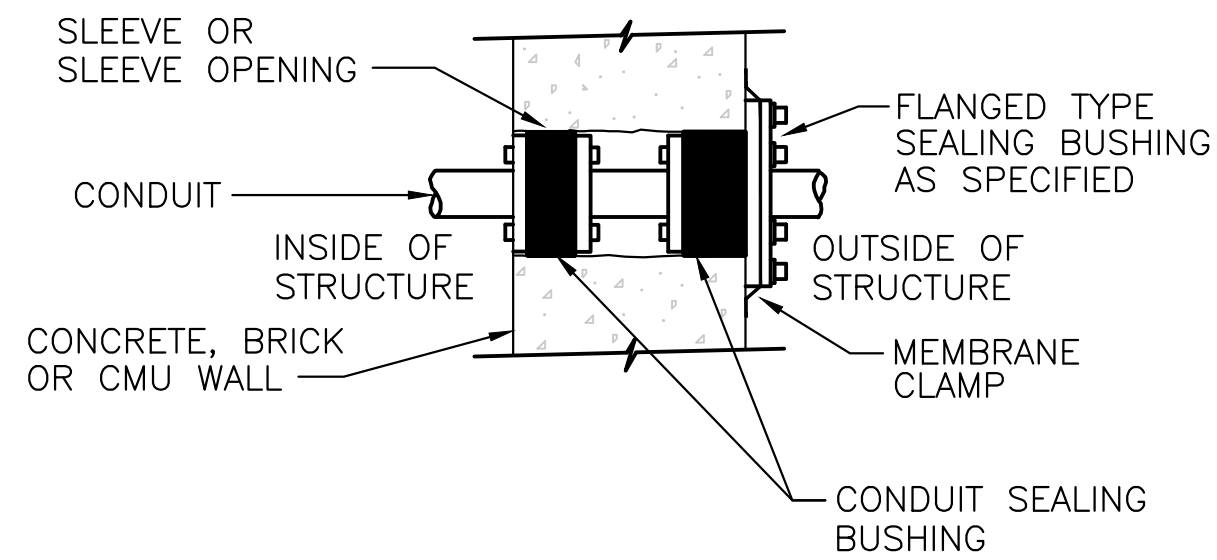
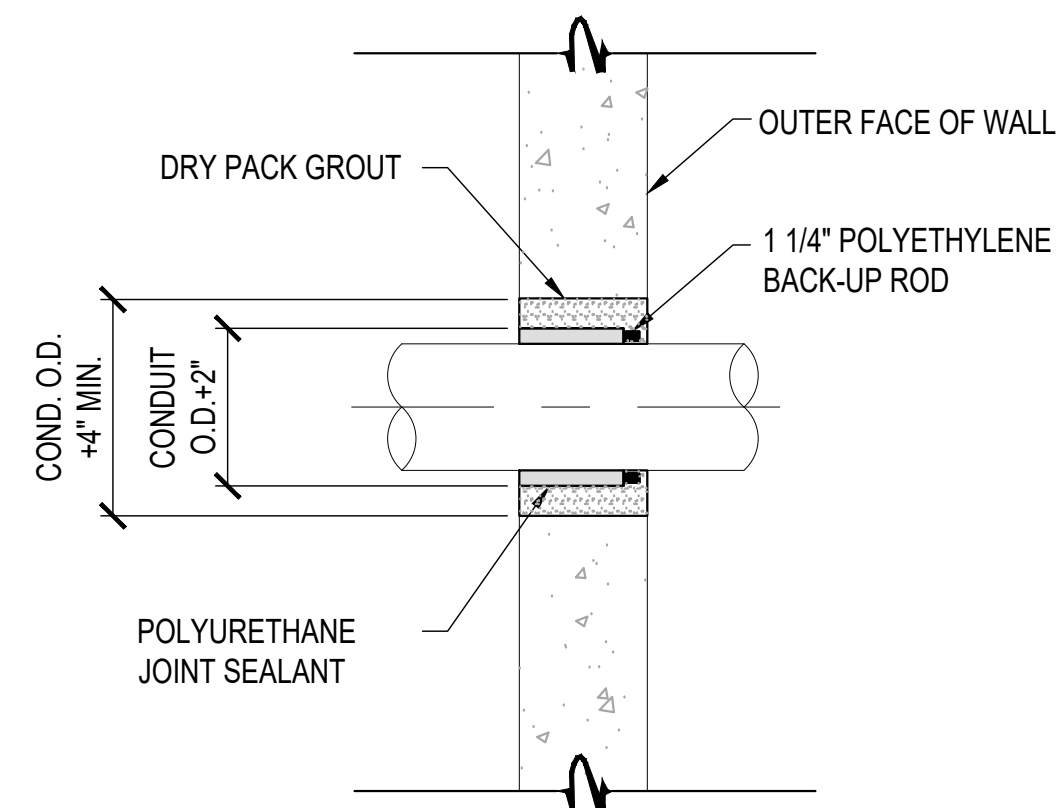
NTS

B

VERTICAL MOTOR CONNECTION DETAIL

NTS

C



NOTE:

- FLANGED TYPE CONDUIT PENETRATION SEALANT SHALL BE USED WHERE INDICATED ON THE PLANS.

MASONRY WALL CONDUIT PENETRATION - ABOVE GROUND

NTS

D

CONDUIT PENETRATION THROUGH WALL - FLANGE TYPE

NTS

E

NOT USED

F

NOT USED

NOT USED

NOT USED

REVISION:	09/30/2025	EXECUTION DATE
DATE:	10/1/2025	DATE
BY:	J.P.	BY:
FOR:	J.P.	FOR:
CONSTRUCTION	09/30/2025	EXECUTION DATE

IN ACCORDANCE WITH RESOLUTION NO. 18-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY CODE SECTION 830.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



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PROJECT ENGINEER:	R.C.E. NO. -- # 69315	DRAWN:	J.P.
EXP.:	06/30/2026	DESIGNED:	J.P.
		CHECKED:	Z.S.

TITLE
ELECTRICAL DETAILS III

**NEWHALL PARK POOL
PUMP ROOM RENOVATION
PLANS (100% CD)**
SANTA CLARITA CA

SHEET
E7.2
56 OF 60 SHEETS
JOB NO. C258



BLD25-00576 (ARCH)
The approved plans must be available at the construction site at all times. Changes or alterations to approved plans shall not be made without written permission from the City of Santa Clarita Building & Safety Division. The approval of these plans shall not be construed to permit or approve any violation of the applicable codes, ordinances, or other laws.



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STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: C258 Newhall Park Report Page: (Page 1 of 8)
Project Address: 24923 Newhall Ave, Santa Clarita, CA 91321 Date Prepared: 2025-05-05T12:36:39-04:00

A. GENERAL INFORMATION

01 Project Location (city)	Santa Clarita, CA	04 Total Conditioned Floor Area (ft ²)	0
02 Climate Zone	9	05 Total Unconditioned Floor Area (ft ²)	1,132.21
03 Occupancy Types Within Project (select all that apply):		06 # of Stories (Habitable Above Grade)	1
• Commercial Industrial			

B. PROJECT SCOPE

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05
My Project Consists of (check all that apply):	Calculation Method	Area (ft ²)	Calculation Method	Area (ft ²)
<input checked="" type="checkbox"/> New Lighting System	N/A	0	Area Category Method	1132.21
<input type="checkbox"/> New Lighting System - Parking Garage	N/A	0	N/A	0
Total Area of Work (ft²)				1132.21

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Schema Version: rev 20220101 Report Generated: 2025-05-05 09:36:42

STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: C258 Newhall Park Report Page: (Page 3 of 8)
Project Address: 24923 Newhall Ave, Santa Clarita, CA 91321 Date Prepared: 2025-05-05T12:36:39-04:00

F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designed Wattage: Unconditioned Spaces									
01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change ¹	Watts per luminaire ²	How is Wattage determined	Total Number of Luminaires	Excluded per 140.6(a)3 / 170.2(e)2C	Design Watts	Field Inspector
									Pass Fail
Linear Washdown 2 FT	RAB Shark 2 FT, 120V, 25W	No	NA	25	Mfr. Spec	5	No	125	<input type="checkbox"/> <input type="checkbox"/>
Linear Washdown 4 FT	RAB Shark 4 FT, 120V, 50W	No	NA	50	Mfr. Spec	3	No	150	<input type="checkbox"/> <input type="checkbox"/>
Linear Washdown 8 FT	RAB Shark 8 FT, 120V, 70W	No	NA	70	Mfr. Spec	4	No	280	<input type="checkbox"/> <input type="checkbox"/>
Egress Sign	Exit Sign with Integrated Lights, 120V, 20W	No	NA	20	Mfr. Spec	2	Exempt	---	<input type="checkbox"/> <input type="checkbox"/>
Total Designed Watts: UNCONDITIONED SPACES								555	

¹FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75%/80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.
²Authority Having Jurisdiction may ask for luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.

G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

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STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: C258 Newhall Park Report Page: (Page 2 of 8)
Project Address: 24923 Newhall Ave, Santa Clarita, CA 91321 Date Prepared: 2025-05-05T12:36:39-04:00

C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e)	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)					Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)			Compliance Results	
	01	02	03	04	05	06	07	08		
	Complete Building 140.6(c)1	Area Category 140.6(c)2 / 170.2(e)4	Area Category Additional 140.6(c)2G / 170.2(e)4Av (+)	Tailored 140.6(c)3 / 170.2(e)4B (+)	=	Total Allowed (Watts)	Total Designed (Watts)	Adjustments PAF Lighting Control Credits 140.6(a)2 / 170.2(e)1B (-)		=
(See Table I)	(See Table I)	(See Table J)	(See Table K)	=		(See Table F)	(See Table P)	=		
Conditioned				=	603.97	≥	555	=	555	05 must be >= 08 140.6 / 170.2(e)
Unconditioned				=	603.97	≥	555	=	555	COMPLIES
Controls Compliance (See Table H for Details)									COMPLIES	
Rated Power Reduction Compliance (See Table Q for Details)									COMPLIES	

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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STATE OF CALIFORNIA
Indoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: C258 Newhall Park Report Page: (Page 4 of 8)
Project Address: 24923 Newhall Ave, Santa Clarita, CA 91321 Date Prepared: 2025-05-05T12:36:39-04:00

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls	01	02	03
	Mandatory Demand Response 110.12(c)	Shut-off controls 130.1(c) / 160.5(b)4C	Field Inspector
NA < 4,000W subject to multilevel	See Area/Space Level Controls	<input type="checkbox"/>	<input type="checkbox"/>

Area Level Controls	04	05	06	07	08	09	10	11	12
	Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) // 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) / 160.5(b)4D	Secondary Daylighting 130.1(d) / 160.5(b)4D	Interlocked Systems 140.6(a)1 / 170.2(e)2A	Field Inspector
Acid Storage Room	General Commercial Industrial Work Area/Low Bay	Readily Accessible	NA: General Ltg <= 0.5W/SF	Occupancy Sensor	NA: Not daylight zone	NA: Not daylight zone	No	<input type="checkbox"/>	<input type="checkbox"/>
Chlorine Storage Room	General Commercial Industrial Work Area/Low Bay	Readily Accessible	NA: General Ltg <= 0.5W/SF	Occupancy Sensor	NA: Not daylight zone	NA: Not daylight zone	No	<input type="checkbox"/>	<input type="checkbox"/>
Calcium Hypochlorite & Bicarb Storage Room	General Commercial Industrial Work Area/Low Bay	Readily Accessible	NA: General Ltg <= 0.5W/SF	Occupancy Sensor	NA: Not daylight zone	NA: Not daylight zone	No	<input type="checkbox"/>	<input type="checkbox"/>
Dry Acid & Soda Ash Storage Room	General Commercial Industrial Work Area/Low Bay	Readily Accessible	NA: General Ltg <= 0.5W/SF	Occupancy Sensor	NA: Not daylight zone	NA: Not daylight zone	No	<input type="checkbox"/>	<input type="checkbox"/>
Emergency Eyewash/Shower Room	General Commercial Industrial Work Area/Low Bay	Readily Accessible	NA: General Ltg <= 0.5W/SF	Occupancy Sensor	NA: Not daylight zone	NA: Not daylight zone	No	<input type="checkbox"/>	<input type="checkbox"/>
Pump Station Room	General Commercial Industrial Work Area/Low Bay	Readily Accessible	NA: General Ltg <= 0.5W/SF	NA: Elec. equip. rpm	NA: Not daylight zone	NA: Not daylight zone	No	<input type="checkbox"/>	<input type="checkbox"/>
Storage Room	Commercial Industrial Storage Area	Readily Accessible	NA: General Ltg <= 0.5W/SF	Occupancy Sensor	NA: Not daylight zone	NA: Not daylight zone	No	<input type="checkbox"/>	<input type="checkbox"/>

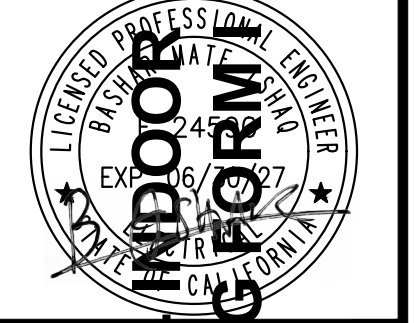
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REVISION: 09/30/2025 EXECUTION DATE
PREPARED BY: ZIRANG SONG PROJECT ENGINEER R.C.E. NO. 25-0000-0000-0000 # 69315 EXP. 06/30/2027
DRAWN: J/P DESIGNED: J/P CHECKED: Z/S DATE: 03/20/25

IN ACCORDANCE WITH RESOLUTION NO. 18-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE BOARD OF SUPERVISORS OF THE CITY OF SANTA CLARITA HAS APPROVED THE CODE SECTION 83A.6 FOR THE CITY OF SANTA CLARITA. I DO HEREBY TO EXERCISE THE DISCRETION DELEGATED TO ME BY THE CITY OF SANTA CLARITA TO APPROVE THE MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY: ZIRANG SONG PROJECT ENGINEER R.C.E. NO. 25-0000-0000-0000 # 69315 EXP. 06/30/2027
DRAWN: J/P DESIGNED: J/P CHECKED: Z/S DATE: 03/20/25

TITLE: NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)
SHEET: E8.0

NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)
SANTA CLARITA CA
SHEET: E8.0
56 OF 60 SHEETS
JOB NO. C258

STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: C258 Newhall Park Report Page: (Page 5 of 8)
Date Prepared: 2025-05-05T12:36:39-04:00

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

13	
Plan Sheet Showing Daylit Zones:	

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS
Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used.

Unconditioned Spaces	01	02	03	04	05	06	
						Area Category	PAF
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment		
Acid Storage Room	General Commercial Industrial Work AreaLow Bay	0.6	58.64	35.18	No	No	
Chlorine Storage Room	General Commercial Industrial Work AreaLow Bay	0.6	53.73	32.24	No	No	
Calcium Hypochlorite & Bicarb Storage Room	General Commercial Industrial Work AreaLow Bay	0.6	53.73	32.24	No	No	
Dry Acid & Soda Ash Storage Room	General Commercial Industrial Work AreaLow Bay	0.6	58.64	35.18	No	No	
Emergency Eyewash/Shower Room	General Commercial Industrial Work AreaLow Bay	0.6	51.45	30.87	No	No	
Pump Station Room	General Commercial Industrial Work AreaLow Bay	0.6	479.27	287.56	No	No	
Storage Room	Commercial Industrial Storage Area	0.4	376.75	150.7	No	No	
TOTALS:			1,132.21	603.97	See Tables J, or P for detail		

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM
This section does not apply to this project.

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STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: C258 Newhall Park Report Page: (Page 6 of 8)
Date Prepared: 2025-05-05T12:36:39-04:00

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE
This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY
This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING
This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS
This section does not apply to this project.

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE
This section does not apply to this project.

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))
This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS
This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS
This section does not apply to this project.

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STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

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Date Prepared: 2025-05-05T12:36:39-04:00

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)
This section does not apply to this project.

T. DWELLING UNIT LIGHTING
This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title

NRCC-LTI-E - Must be submitted for all buildings

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	Acid Storage Room; Chlorine Storage Room; Calcium Hypochlorite & Bicarb Storage Room; Dry Acid & Soda Ash Storage Room; Emergency Eyewash/Shower Room; Storage Room

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STATE OF CALIFORNIA
Indoor Lighting CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-LTI-E
Project Name: C258 Newhall Park Report Page: (Page 8 of 8)
Date Prepared: 2025-05-05T12:36:39-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Neil Chin
Signature Date: 5/5/2025
Address: 17520 Newhope St #200
City/State/Zip: Fountain Valley, CA 92708
Phone: 714-481-7300

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Bashar Ishaq
Signature Date: 5/5/2025
Address: 17520 Newhope St #200
City/State/Zip: Fountain Valley, CA 92708
Phone: 714-481-7300

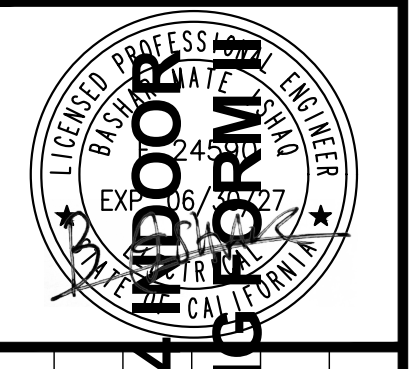
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P: (714) 481-7300 | www.pacewater.com

REVISION: 09/30/2025	EXECUTOR DATE
LAZ. HANDEL	FM DESIGN
REVISION: 09/30/2025	EXECUTOR DATE
LAZ. HANDEL	FM CONSTRUCTION

IN ACCORDANCE WITH RESOLUTION NO. 18-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING PUBLIC FACILITIES, THE CITY ENGINEER HAS REVIEWED THESE PLANS AND FOUND THEM TO BE IN ACCORDANCE WITH THE CITY ENGINEER'S CODE SECTION 830.6 FOR THE CITY OF SANTA CLARITA. I DO HEREBY EXERCISE THE DISCRETION DELEGATED TO ME BY THE CITY OF SANTA CLARITA TO APPROVE THE MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT OR TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY: ZIRANG SONG
PROJECT ENGINEER: NEIL CHIN
R.C.E. NO.: 69315
EXP.: 06/30/2027

DRAWN: J.P.
DESIGNED: J.P.
CHECKED: Z.S.

DATE: 03/2025

TITLE: NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)

SANTA CLARITA CA

C258 SHEET E8.1 57 OF 60 SHEETS

JOB NO. C258

STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Project Name: C258 Newhall Park
Report Page: (Page 5 of 7)
Date Prepared: 2025-03-12T17:36:46-04:00

NRCC-LTO-E

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))
This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

		01							
		"Use it or lose it" Allowance (select all that apply) (select all that apply)							
<input checked="" type="checkbox"/> General Hardscape Allowance Table I (below)		<input type="checkbox"/> Per Application Table J		<input type="checkbox"/> Sales Frontage Table K		<input type="checkbox"/> Ornamental Table L		<input type="checkbox"/> Per Specific Area Table M	

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

		02		03		04		05		06		07		08		09	
		Area Description		Area Wattage Allowance (AWA)		Allowed Density (W/ft ²)		Area Allowance (Watts)		Perimeter Length (lf)		Allowed Density (W/lf)		Linear Allowance (Watts)		Total General AWA + LWA (Watts)	
		Building/Pool Deck Area		13019		0.021		273.4		156		0.2		31.2		304.6	
		Initial Wattage Allowance for Entire Site (Watts):														250	
		Instances of Initial Wattage Allowance (LZ 0 only):														554.6	
		Total General Hardscape Allowance (Watts):														554.6	

J. LIGHTING ALLOWANCE: PER APPLICATION
This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE
This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL
This section does not apply to this project.

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STATE OF CALIFORNIA
Outdoor Lighting
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Project Name: C258 Newhall Park
Project Address: 24923 Newhall Ave, Santa Clarita, CA 91321
Report Page: (Page 7 of 7)
Date Prepared: 2025-03-12T17:36:46-04:00

NRCC-LTO-E

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Neil Chin
Signature Date: 3/12/25
Company: PACE Water
Address: 17520 Newhope St #200
City/State/Zip: Fountain Valley, CA 92708
CEA/HERS Certification Identification (if applicable):
Phone: 714-481-7300

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Bashar Ishaq
Signature Date: 3/12/25
Company: PACE Water
Address: 17520 Newhope St #200
City/State/Zip: Fountain Valley, CA 92708
License: E24590
Phone: 714-481-7300

Generated Date/Time: Documentation Software: Energy Code Ace
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STATE OF CALIFORNIA
Outdoor Lighting
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CERTIFICATE OF COMPLIANCE
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NRCC-LTO-E

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA
This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online.

Form/Title
NRCC-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.	Building/Pool Deck Area: "Outdoor LED Wallpack"; Building/Pool Deck Area: "RAB Shark 8 FT"; Building/Pool Deck Area: "Flood Light"; Building/Pool Deck Area: "Pool Light"

Generated Date/Time: Documentation Software: Energy Code Ace
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Report Version: 2022.0.000 Compliance ID: 223835-0325-0007
Schema Version: rev 20220101 Report Generated: 2025-03-12 14:36:49

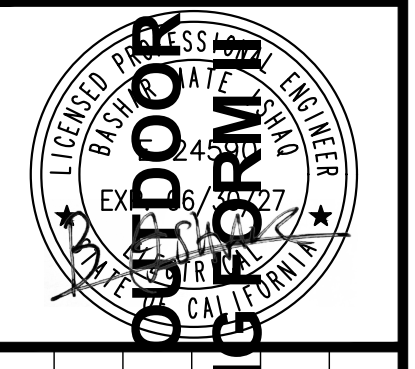


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REVISION: 09/30/2025
L.A. BISHOP
PM-DESIGN
EXECUTOR DATE

REVISION: 09/30/2025
L.A. BISHOP
PM-CONSTRUCTION
EXECUTOR DATE

IN ACCORDANCE WITH RESOLUTION NO. 18-06 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING OR NEW PUBLIC FACILITIES, THE CITY ENGINEER HAS REVIEWED THE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING OR NEW PUBLIC FACILITIES, AND HAS DETERMINED THAT THE PLANS AND DESIGNS COMPLY WITH THE CITY ENGINEER'S CODE SECTION 83A.6 FOR THE CITY OF SANTA CLARITA. I DO HEREBY APPROVE THE DISCRETION DELEGATED TO THE CITY ENGINEER TO APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT OR TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS APPLIED.



PREPARED BY: ZIRANG SONG
PROJECT ENGINEER
R.C.E. NO.: # 69315
EXP. DATE: 03/27/27

TITLE 24 OUTDOOR LIGHTING PERMITS

DRAWN: J/P
DESIGNED: J/P
CHECKED: Z/S
DATE: 03/27/2025

TITLE: NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD) CA

SHEET: E8.3

59 OF 60 SHEETS

JOB NO. C258

STATE OF CALIFORNIA
Electrical Power Distribution
 CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE
 NRCC-ELC-E
 This document is used to demonstrate compliance with mandatory requirements in 130.5, for electrical systems in newly constructed nonresidential and hotel/motel occupancies and 160.6 and 160.9 for electrical systems in newly constructed multifamily occupancies. Additions and alterations to electrical service systems in nonresidential and hotel/motel occupancies will also use this document to demonstrate compliance per 141.0(a) or 141.0(b)2P for alterations. For multifamily addition or alterations compliance will be documented per 180.1(a) or 180.2 (b)4Bvii

Project Name: C258 Newhall Park Report Page: (Page 1 of 4)
 Project Address: 24923 Newhall Ave, Santa Clarita, CA 91321 Date Prepared: 2024-10-30T14:08:38-04:00

A. GENERAL INFORMATION

01 Project Location (city)	Santa Clarita, CA	02 Climate Zone	9
03 Occupancy Types Within Project:	Commercial Industrial		

B. PROJECT SCOPE
 This table includes electrical systems that are within the scope of the permit application.

01	02	03	04	05	06	07
Electrical Service Designation/Description	Scope of Work ¹	Rating ² (kVA)	Utility Provided Metering System Exception to 130.5(a)/160.6(a) ³	System subject to CA Elec Code Article 517 Exception to 130.5(a) and (b)	Demand Response Controls	Provides power to dwelling units/common living areas only in multifamily occupancy
Aquatic Center	Add/Alt to feeders and branch circuits only	---	☐	☐	Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections 120.2/160.3, 130.1/160.5, and 130.3/160.5, and mechanical, indoor lighting, and sign lighting Certificate of Compliance documents will indicate when demand response controls are required.	☐

¹ FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c)/160.6(c), no other requirements from 130.5/160.6 are required.
² If common use areas in a multifamily are submetered, rating is for submeter size serving common use areas.
³ Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
 Schema Version: rev 20220101

Generated Date/Time: Documentation Software: Energy Code Ace
 Compliance ID: 223835-1024-0004
 Report Generated: 2024-10-30 11:08:40

STATE OF CALIFORNIA
Electrical Power Distribution
 CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE
 NRCC-ELC-E
 Project Name: C258 Newhall Park Report Page: (Page 3 of 4)
 Project Address: 24923 Newhall Ave, Santa Clarita, CA 91321 Date Prepared: 2024-10-30T14:08:38-04:00

K. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
 Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title

L. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
 There are no NRCA forms required for this project.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
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STATE OF CALIFORNIA
Electrical Power Distribution
 CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE
 NRCC-ELC-E
 Project Name: C258 Newhall Park Report Page: (Page 2 of 4)
 Project Address: 24923 Newhall Ave, Santa Clarita, CA 91321 Date Prepared: 2024-10-30T14:08:38-04:00

C. COMPLIANCE RESULTS
 Results in this table are automatically calculated from data input and calculations in Tables F through J. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

01	02	03	04	05	06				
Service Electrical Metering 130.5(a)/160.6(a) (See Table F)	AND	Separation for Monitoring 130.5(b)/160.6(b) (See Table G)	AND	Voltage Drop 130.5(c)/160.6(c) (See Table H)	AND	Controlled Receptacles 130.5(d)/160.6(d) (See Table I)	AND	Electric Ready 160.9 (See Table J)	Compliance Results
	AND		AND	Yes	AND				COMPLIES

D. EXCEPTIONAL CONDITIONS
 This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS
 This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

H. VOLTAGE DROP
 This table includes entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with 130.5(c)/160.6(c). For alterations, only the altered circuits must demonstrate compliance per 141.0(b)2Piii/180.2(b)4Bviii.

01	02	03	04	05
Electrical Service Designation/Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method	Location of Voltage Drop Calculations ¹	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector
Aquatic Center	☒ Voltage drop less than 5%	☐ Permitted by CA Elec Code (Exception to 130.5(c))*	Contractor Responsible	Pass Fail

* NOTES: If "Permitted by CA Elec Code *" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.
¹ FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
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STATE OF CALIFORNIA
Electrical Power Distribution
 CALIFORNIA ENERGY COMMISSION
 CERTIFICATE OF COMPLIANCE
 NRCC-ELC-E
 Project Name: C258 Newhall Park Report Page: (Page 4 of 4)
 Project Address: 24923 Newhall Ave, Santa Clarita, CA 91321 Date Prepared: 2024-10-30T14:08:38-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Neil Chin
 Signature Date: 10/30/2024
 CEA/HERS Certification Identification (if applicable):
 Phone: 714-481-7300

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:

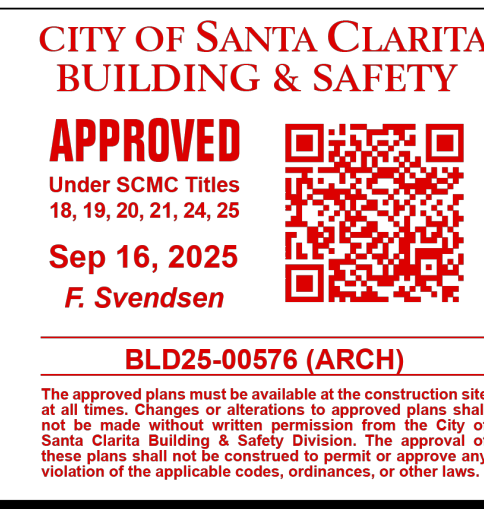
- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Bashar Ishaq
 Company: PACE Water
 Address: 17520 Newhope St #200
 City/State/Zip: Fountain Valley, CA 92708

Responsible Designer Signature: [Signature]
 Date Signed: 10/30/2024
 License: E24590
 Phone: 714-481-7300

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
 Report Version: 2022.0.000
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 P: (714) 481-7300 | www.pacewater.com

REVISION: 09/30/2025
 EXECUTED BY: [Signature]
 EXECUTION DATE: 09/30/2025

IN ACCORDANCE WITH RESOLUTION NO. 19-16 AS A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SANTA CLARITA, DELEGATING DISCRETIONARY AUTHORITY TO THE DIRECTOR OF PUBLIC WORKS, DIRECTOR OF RECREATION AND COMMUNITY SERVICES, DIRECTOR OF NEIGHBORHOOD SERVICES, CITY ENGINEER, AND ASSISTANT CITY ENGINEERS TO APPROVE PLANS AND DESIGNS FOR THE CONSTRUCTION OF OR IMPROVEMENTS TO EXISTING UTILITY SYSTEMS, THE CITY OF SANTA CLARITA, I DO HEREBY TO EXERCISE THE CODE SECTION 180.6 FOR THE CITY OF SANTA CLARITA, I DO HEREBY TO EXERCISE THE DISCRETION DELEGATED TO ME AND APPROVE THE PLAN OR DESIGN, OR AMENDMENT OR MODIFICATION TO THE PLAN OR DESIGN, OR A CONSTRUCTION OF, OR AN IMPROVEMENT TO THE PUBLIC FACILITY, STRUCTURE, OR PROPERTY TO WHICH THIS STATEMENT, MY SIGNATURE AND DATE IS AFFIXED.



PREPARED BY: ZIRANG SONG
 PROJECT ENGINEER
 R.C.E. NO. -- # 69315
 EXP. 06/30/2026

DRAWN: J.P.
 DESIGNED: J.P.
 CHECKED: Z.S.

SCALE: ---
 DATE: 09/29/2025

TITLE 24 POWER DISTRIBUTION FORM

NEWHALL PARK POOL PUMP ROOM RENOVATION PLANS (100% CD)
 SANTA CLARITA CA
 SHEET E8.4
 61 OF 60 SHEETS
 JOB NO. C258