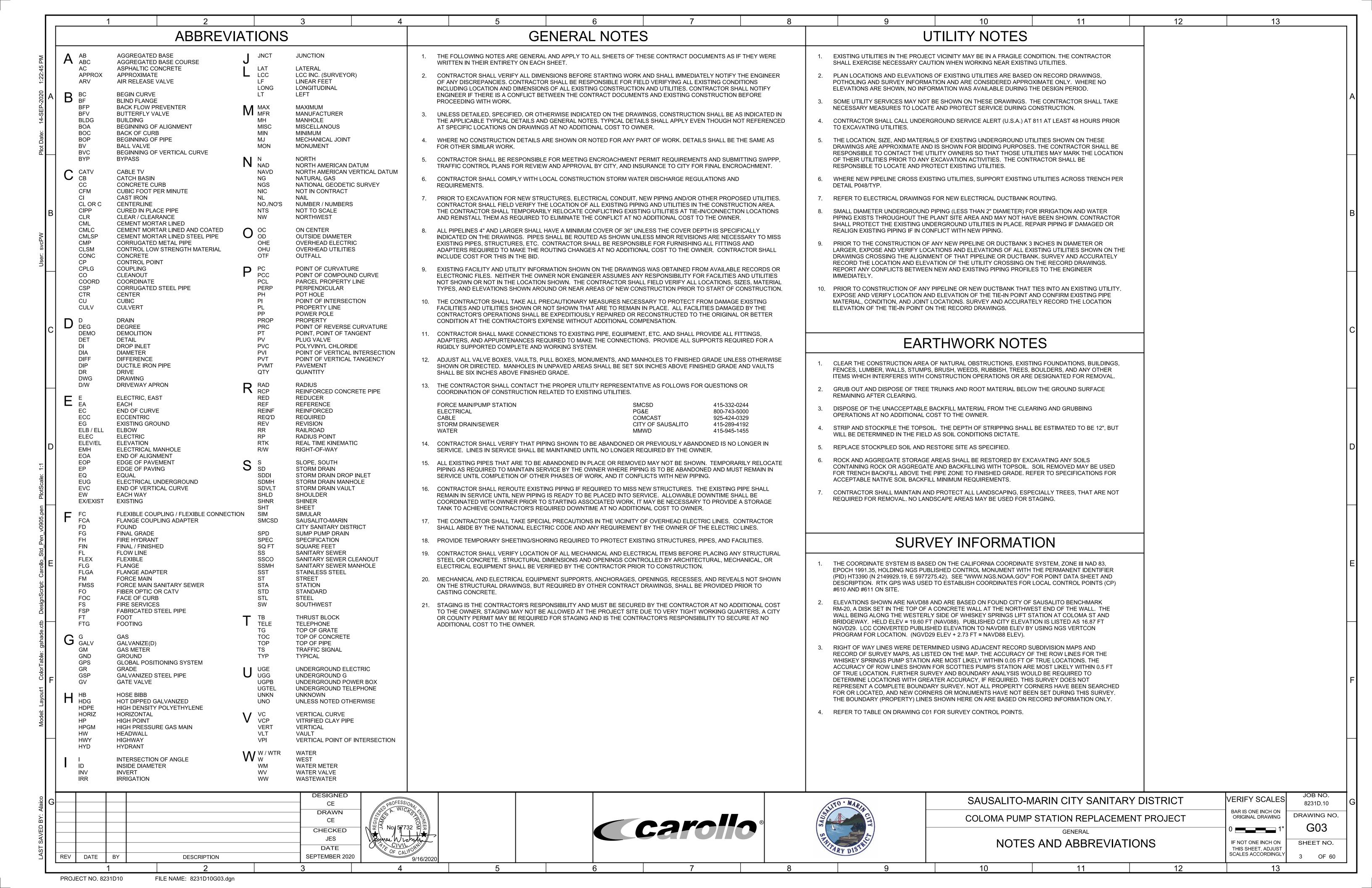
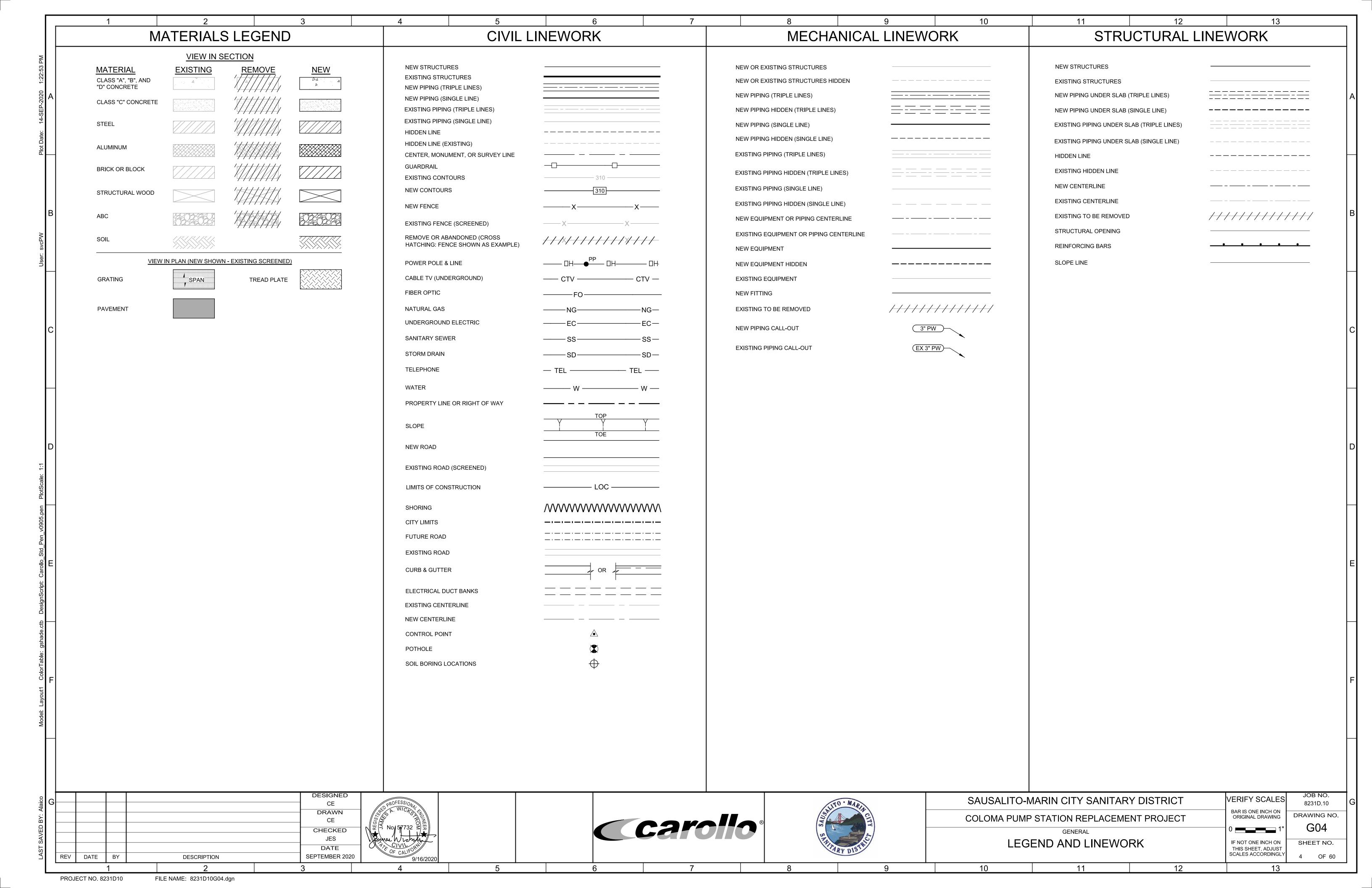
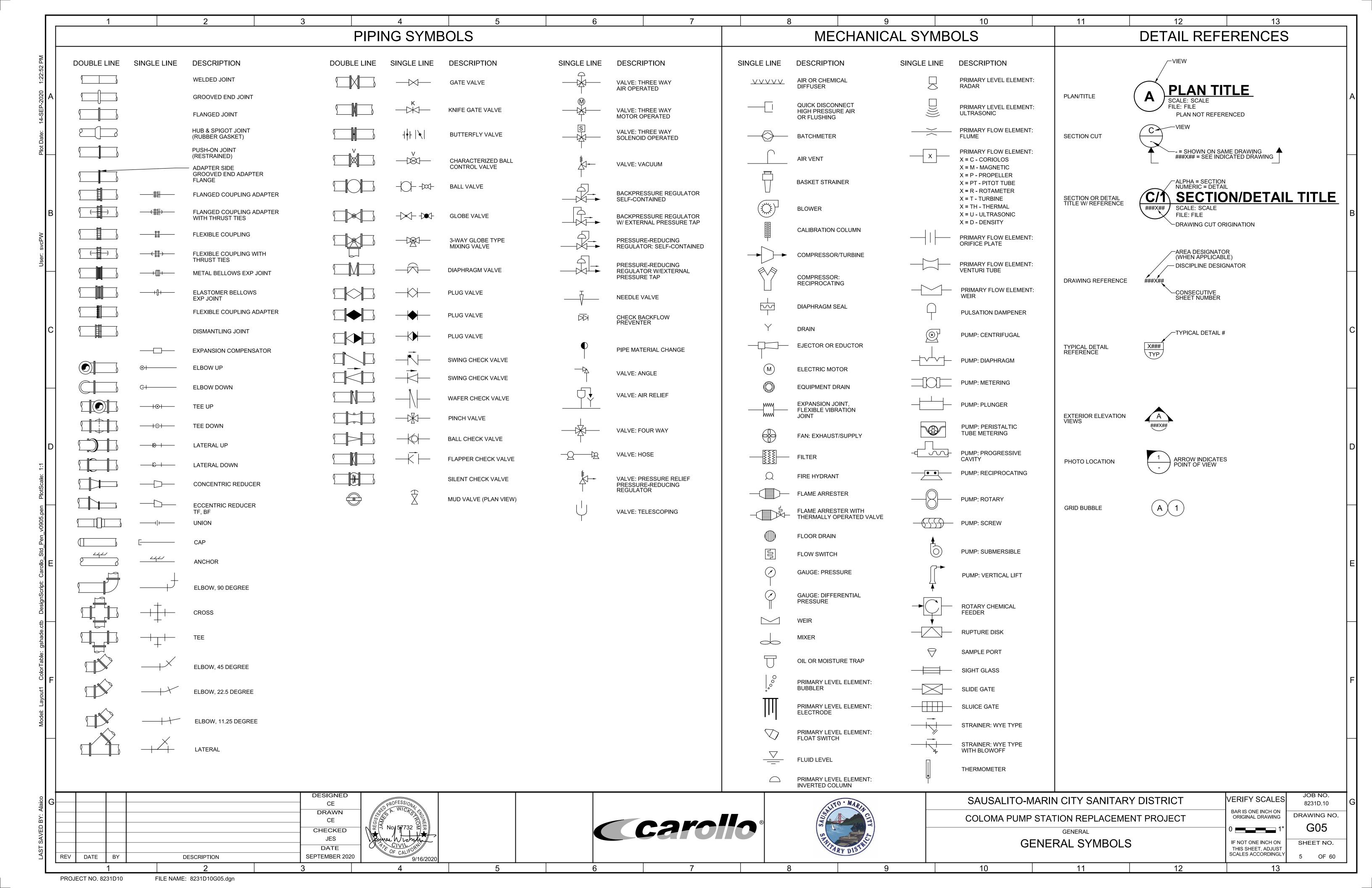
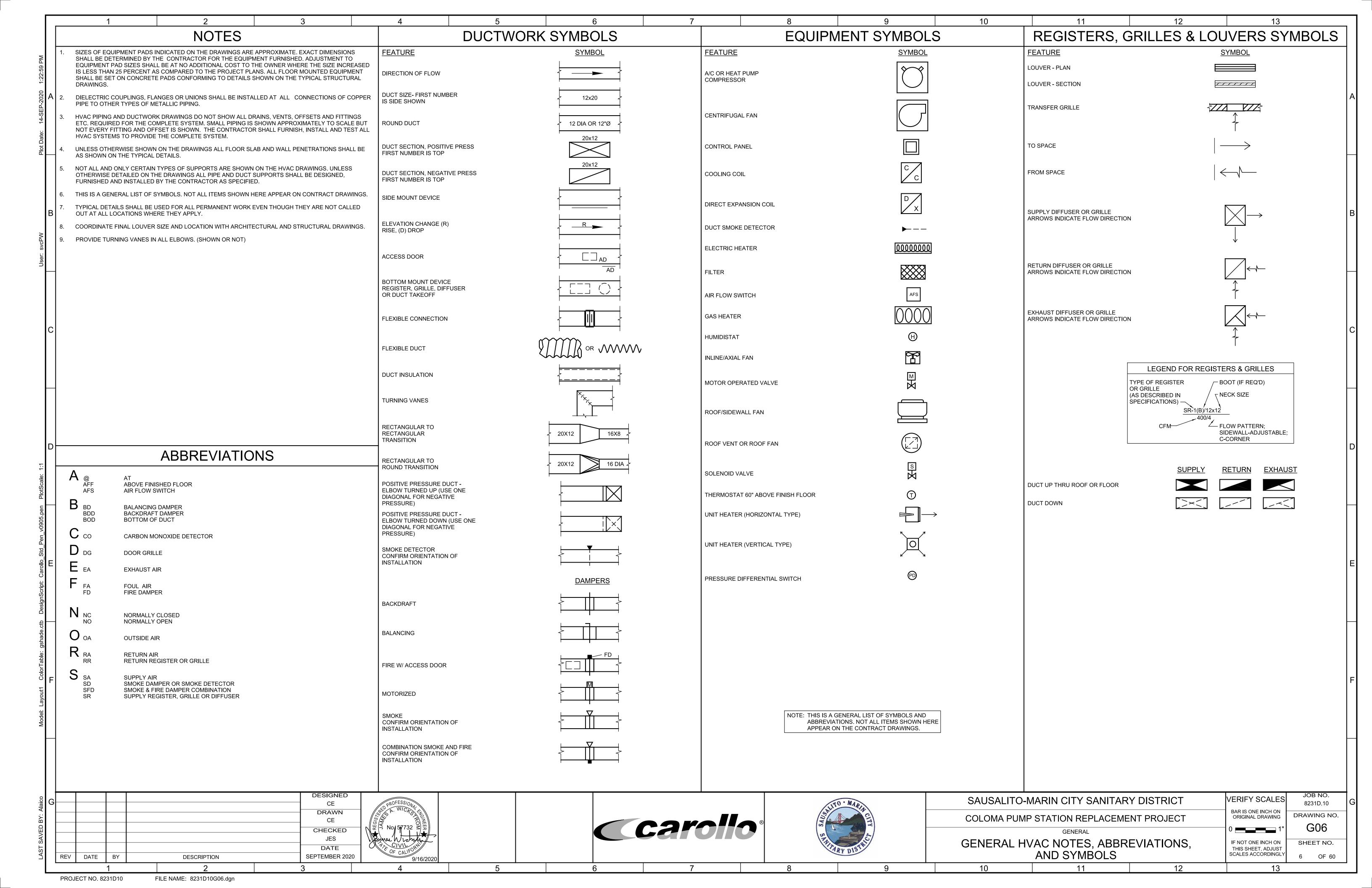


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		DRAWING INDEX									
SHEET NO.	DRAWING NO.	DESCRIPTION									
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4	004	GENERAL  COVER CHEET MICHNEY AND LOCATION MADO									
2	G01 G02	COVER SHEET, VICINITY AND LOCATION MAPS  DRAWING INDEX NOTES AND ARRESVIATIONS									
3 4	G03 G04	NOTES AND ABBREVIATIONS LEGEND AND LINEWORK									
5 6 7	G05 G06 G07	GENERAL SYMBOLS GENERAL HVAC NOTES, ABBREVIATIONS, AND SYMBOLS STRUCTURAL NOTES									
,	007	TYPICALS									
8	TA01	TYPICAL DETAILS - ARCHITECTURAL									
9 10	TA02 TC01	TYPICAL DETAILS - ARCHITECTURAL TYPICAL DETAILS - CIVIL									
11 12	TC02 TM01	TYPICAL DETAILS - CIVIL TYPICAL DETAILS - HVAC AND MECHANICAL									
13 14	TP01 TP02	TYPICAL DETAILS - PIPING TYPICAL DETAILS - PIPING									
15 16	TS01 TS02	TYPICAL DETAILS - STRUCTURAL TYPICAL DETAILS - STRUCTURAL									
17 18	TS03 TS04	TYPICAL DETAILS - STRUCTURAL TYPICAL DETAILS - STRUCTURAL									
		DEMOLITION									
19	D01	DEMOLITION SITE PLAN WHISKEY SPRINGS BLIMP STATION DEMOLITION BLANS AND SECTIONS									
20 21 22	D02 D03 D04	WHISKEY SPRINGS PUMP STATION - DEMOLITION PLANS AND SECTIONS WHISKEY SPRINGS PUMP STATION - DEMOLITION PHOTOS SCOTTIES PUMP STATION ABANDONMENT - PLANS AND SECTION									
23	D04 D05	SCOTTIES PUMP STATION ABANDONMENT - PLANS AND SECTION SCOTTIES PUMP STATION ABANDONMENT - DEMOLITION PHOTOS									
		CIVIL									
24 25	C01 C02	OVERALL SITE PLAN PAVING AND GRADING PLAN									
26 27	C03 C04	YARD PIPING PLAN PIPING PROFILES									
28 29	C05 C06	SITE SECTION CIVIL SECTION AND DETAILS									
		STRUCTURAL									
30	S01	COLOMA PUMP STATION WET WELL - PLANS, SECTION AND DETAIL									
31 32	S02 S03 S04	VALVE AND METER VAULTS - PLANS AND SECTIONS  GENERATOR PAD - PLAN, SECTIONS AND DETAIL  ELECTRICAL BUILDING - PLANS									
33 34 35	S05 S06	ELECTRICAL BUILDING - PLANS  ELECTRICAL BUILDING - SECTIONS  TRANSFORMER PAD - PLAN AND SECTION									
55	500	MECHANICAL									
36	M01	COLOMA PUMP STATION - PLAN									
37 38	M02 M03	COLOMA PUMP STATION - SECTIONS COLOMA PUMP STATION - SECTIONS									
39 40	M04 M05	ELECTRICAL BUILDING - PLANS ELECTRICAL BUILDING - SECTIONS									
		ELECTRICAL									
41	E01	LEGEND AND NOTES									
42 43	E02 E03	SITE PLANS SINGLE-LINE DIAGRAM AND LOAD CALCULATIONS DOWER AND SIGNAL AND LIGHTING DIANS									
44 45 46	E04 E05 E06	POWER AND SIGNAL AND LIGHTING PLANS CONDUIT SCHEDULE ELECTRICAL DEMOLITION DETAILS									
40 47 48	E07 E08	CONTROL DIAGRAMS - 1 CONTROL DIAGRAMS - 2									
49 50	E09 E10	CONTROL DIAGRAMS - 2  CONTROL DIAGRAMS - 3  SCADA INTERFACE DIAGRAM - 1									
51 52	E11 E12	SCADA INTERFACE DIAGRAM - 2 SCADA PLC WIRING DIAGRAM AND PANEL ELEVATION									
53 54	E13 E14	LIGHT FIXTURE SCHEDULE, PANELBOARD SCHEDULE, AND GROUNDING PLAN MCC ELEVATION DETAIL AND TEMPORARY POWER REQUIREMENTS - ONE-LINE DIAGRAM									
55 56	E15 E16	GENERAL ELECTRICAL DETAILS - 1 GENERAL ELECTRICAL DETAILS - 2									
57	E17	GENERAL ELECTRICAL DETAILS - 3									
EO	104	INSTRUMENTATION  LEGEND AND NOTES									
58 59 60	101 102 103	LEGEND AND NOTES  P&ID – COLOMA PUMP STATION  P&ID – PUMP STATION AUXILIARY EQUIPMENT									
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	<u> </u>	DESIGNED	<u> </u>	<u> </u>				CALICALITO NA	IARIN CITY SANITARY DISTRICT	VERIFY SCALES	<u></u>
		DRAWN  RPF  DRAWN				SALITO	MARIN			BAR IS ONE INCH ON ORIGINAL DRAWING	DF
		MJG  CHECKED  MJG  No 57732   REP			carollo	SAC.	The state of the s	COLOMA PUMP	STATION REPLACEMENT PROJECT  GENERAL	ORIGINAL DRAWING  01"	,
		JES DATE				SARIE	SIGNRE	[	DRAWING INDEX	IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	s
DATE BY	Y	DESCRIPTION  SEPTEMBER 2020  9/16/2020				AR	7 010			SCALES ACCORDINGLY	1 .

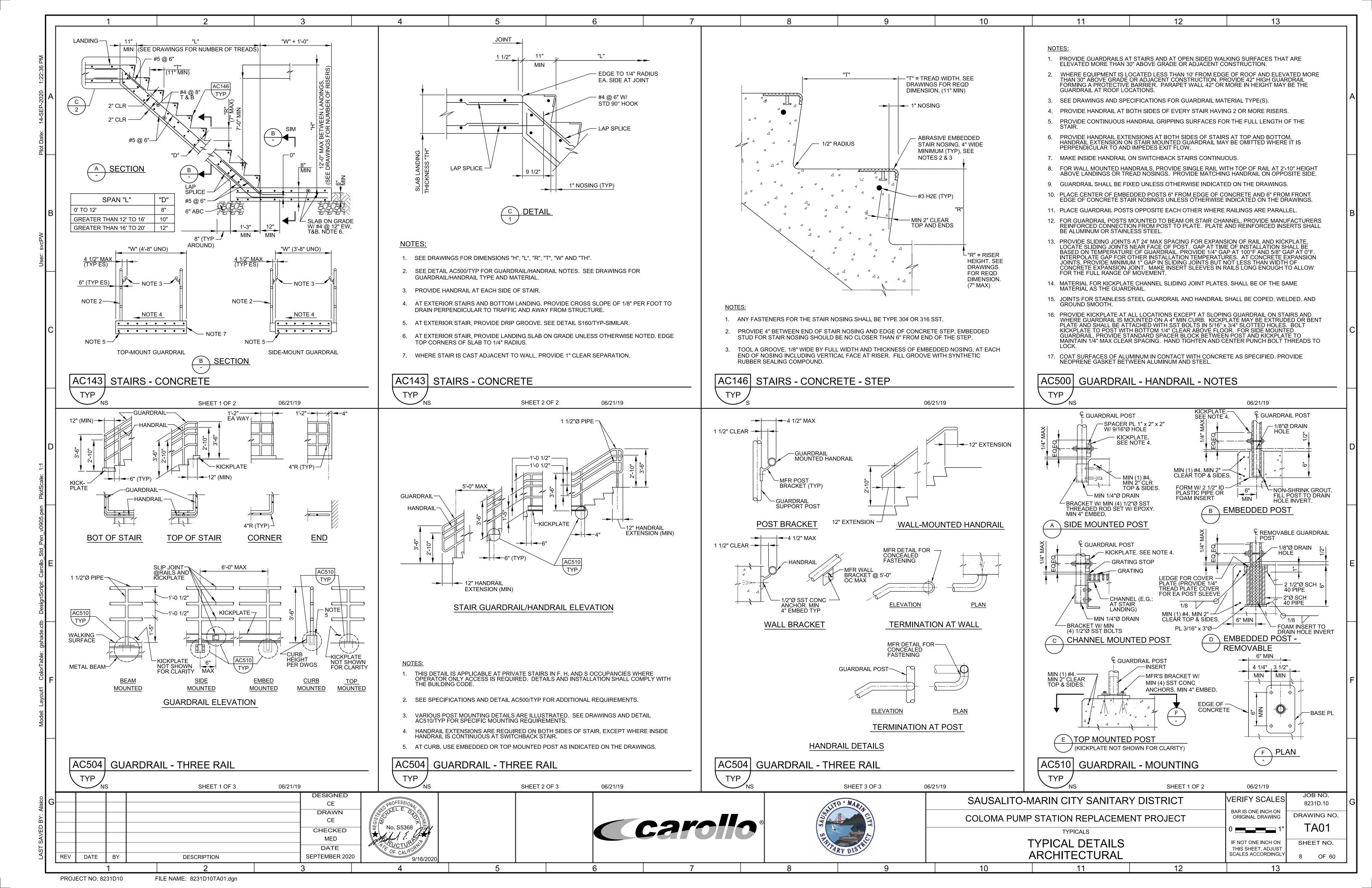


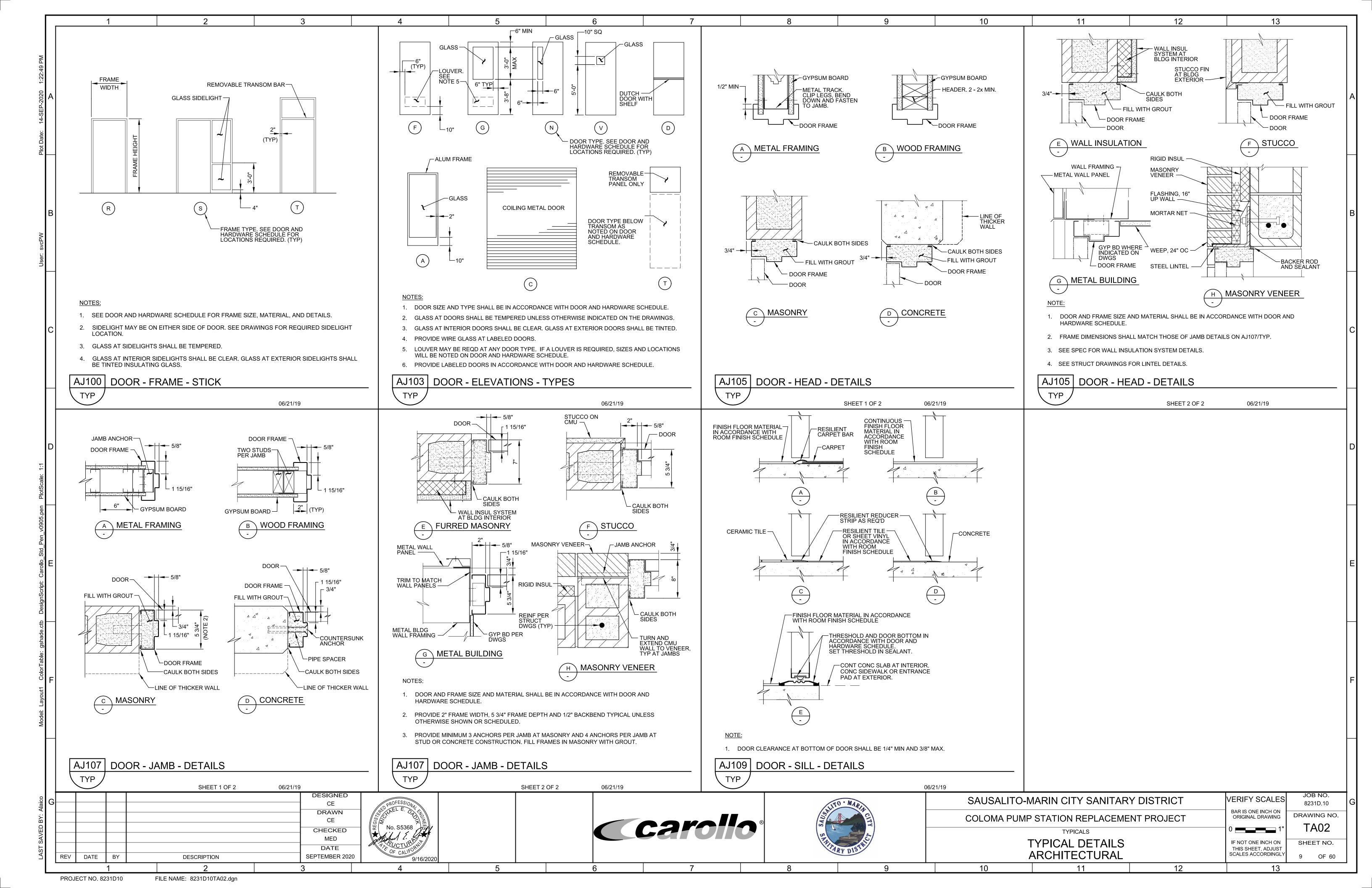


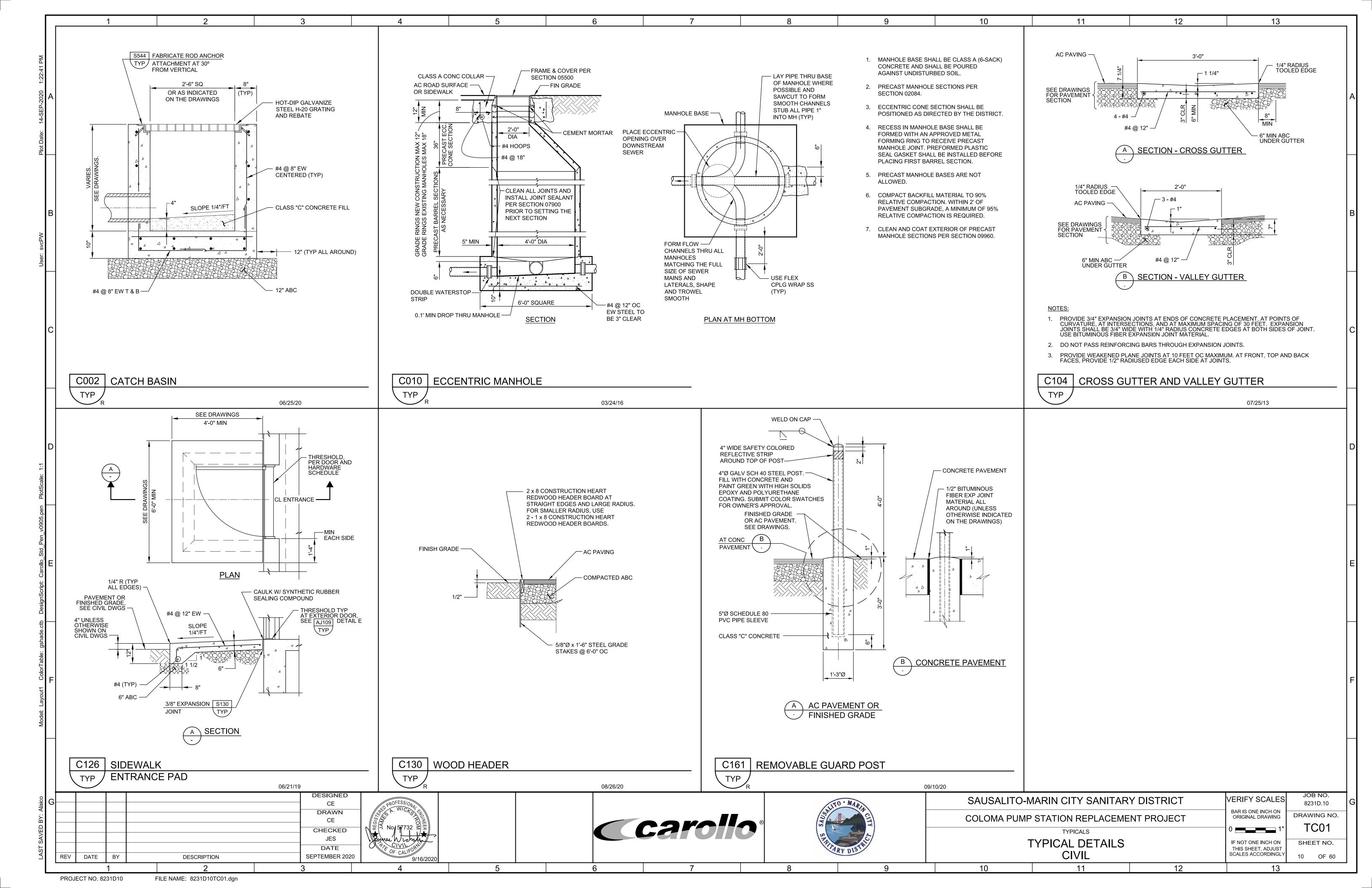


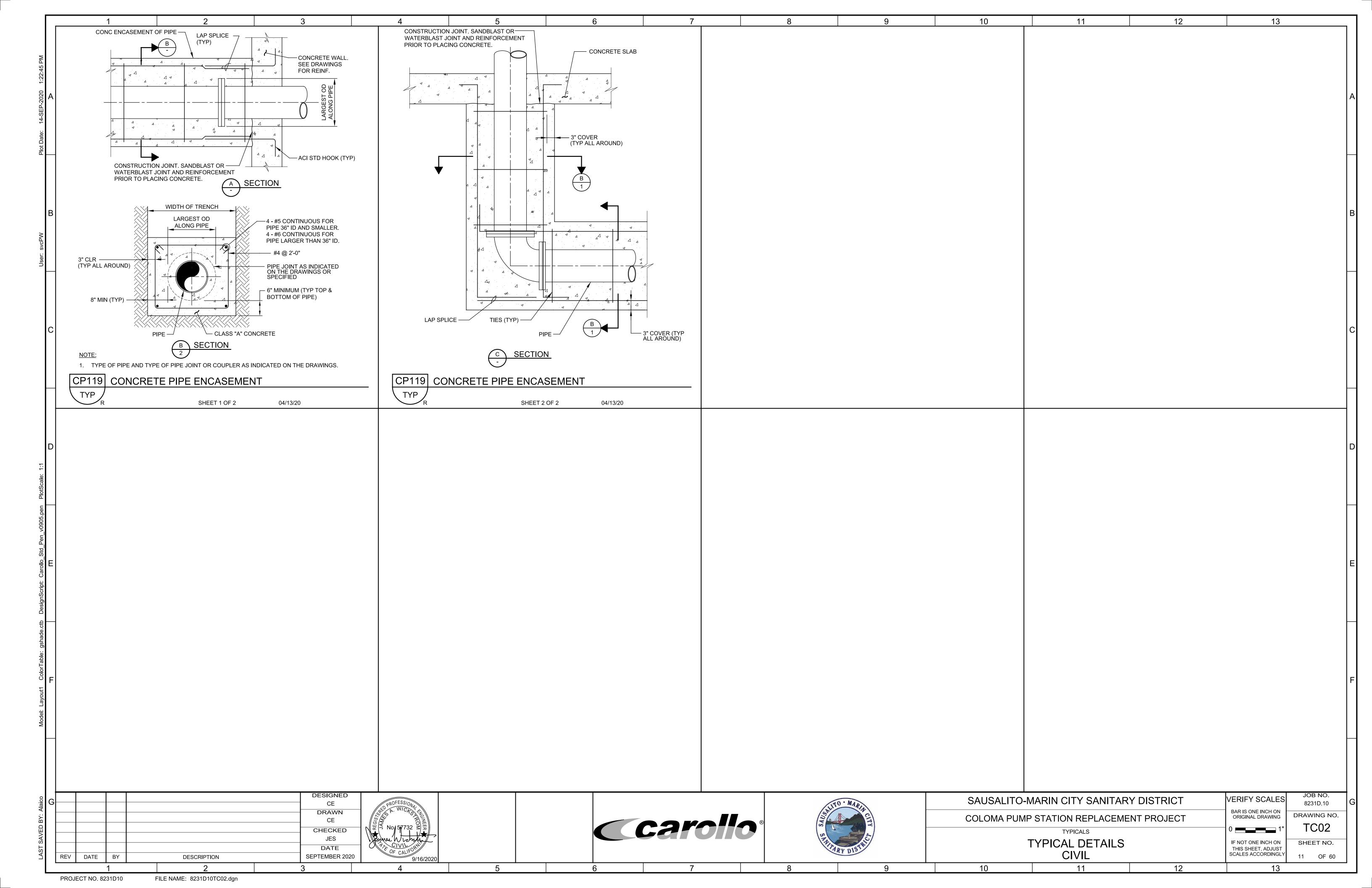


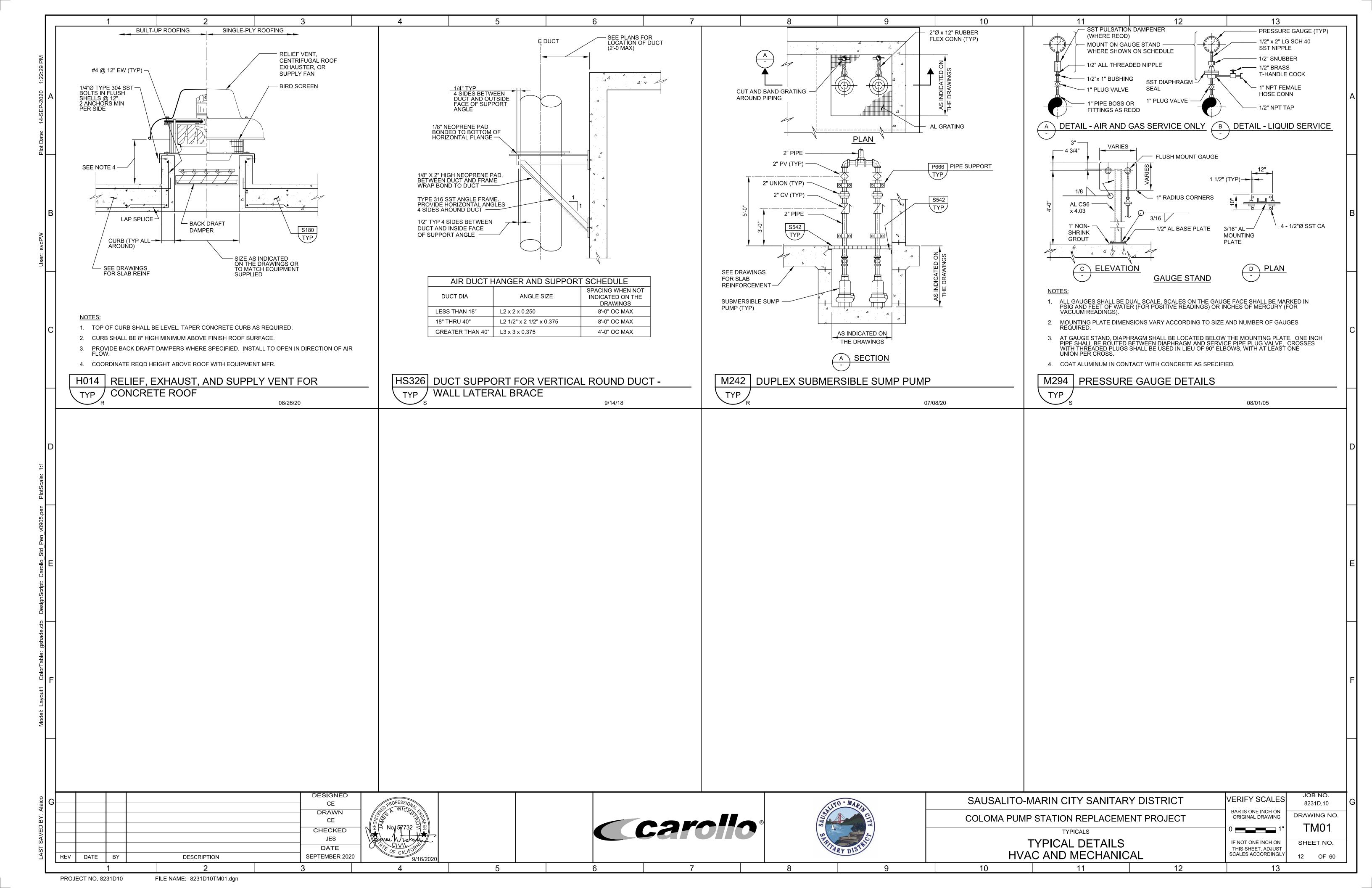
NERAL NOTES:	۷ ) 3	GEOTECHNICAL REPORT / FOUNDATION DESIGN CRITERIA:	CONSTRUCTION:	SPECIAL INSPECTION:	STRUCTURAL SYMBOLS:
SE STRUCTURAL DRAWINGS IN CONJUNCTION Y	WITH PROJECT DRAWINGS BY OTHER	1. GEOTECHNICAL INVESTIGATION REPORT:	CONFORM TO THE FOLLOWING REQUIREMENTS UNLESS OTHERWISE INDICATED ON	SPECIAL INSPECTION:     SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING STRUCTURAL MATERIALS	
SE STRUCTURAL DRAWINGS IN CONSUME TION ISCIPLINES AND WITH THE SPECIFICATIONS.	NOCEST BIS WINDO DI CITIEN	TITLE: GEOTECHNICAL INVESTIGATION	THE DRAWINGS.	1. SPECIAL INSPECTION IS REQUIRED FOR THE FOLLOWING STRUCTURAL MATERIALS AND CONSTRUCTION. SEE SPECIFICATION SECTION 01455(01_45_24) FOR DETAILS. CONCRETE AND REBAR INSPECTIONS SHALL BE COORDINATED WITH THE OWNER'S	1. SEE SHEET G05 FOR KEY TO DRAWING TITLES AND SECTION CUTS, AND FOR DEFINITION OF MATERIALS SHADING PATTERNS.
NLESS DETAILED, SPECIFIED, OR INDICATED OF INDICATED OF IDICATED IN THE GENERAL NOTES AND TYPICA	,	SAUSALITO MARIN CITY SANITARY DISTRICT	EXCAVATION AND BACKFILLING:	INSPECTOR A MINIMUM OF 2 DAYS IN ADVANCE OF WORK.	2. WELDING: SYMBOLS: IN ACCORDANCE WITH AMERICAN WELDING SOCIETY
RESENTATION CONVENTIONS FOR STRUCTURA		COLOMA PUMP STATION SAUSALITO, CALIFORNIA	EXPOSE AND PREPARE SUBGRADE AS SHOWN ON THE DRAWINGS AND SPECIFIED.     OBTAIN ENGINEER'S OBSERVATION OF SUBGRADE SURFACES, AS EXPOSED AND AS      DEPART OF THE PROPERTY	2. DIVISION 2 SITE CONSTRUCTION (EARTHWORK)	(AWS) A2.4.
SCREENED LINE WORK INDICATES EXISTING C		PREPARED BY: MILLER PACIFIC ENGINEERING GROUP.	PREPARED, BEFORE PROCEEDING WITH FOUNDATION CONSTRUCTION.	A. EXCAVATION DEPTH. B. ADEQUACY OF EXPOSED SURFACE TO PROVIDE REQUIRED SUPPORT.	STRUCTURAL ABBREVIATIONS:
WRITTEN DIMENSIONS TAKE PRECEDENCE OV PLANS ARE TREATED AS HORIZONTAL SECTION	VER SCALED SIZES.	REPORT NO: 2213.004 DATED:7/5/2019.  AMENDMENT NO. 1 DATED 7/7/2020	2. DO NOT PLACE BACKFILL AGAINST WALLS UNTIL STRUCTURES SUPPORTING THE TOP OF THE WALL ARE IN PLACE, ARE COMPLETE, AND (IN THE CASE OF CONCRETE) HAVE	C. PREPARATION OF SOILS/SURFACES SUPPORTING CONSTRUCTION.  D. FILL AND BACKFILL.	1. SEE SHEET G03 FOR GENERAL LIST OF ABBREVIATIONS USED ON DRAWI
HOWS CONSTRUCTION AT AND BELOW ELEVAT		2. FOUNDATION DESIGNS ARE BASED ON RECOMMENDATIONS IN THE	CURED TO THEIR MINIMUM SPECIFIED 28-DAY COMPRESSIVE STRENGTH.	E. DEEP FOUNDATIONS PILES DRILLED PIERS HELICAL ANCHORS.	2. ABBREVIATIONS FOR NAMES OF TECHNICAL GROUPS MAY BE FOUND IN 1
ERIFY DIMENSIONS AND CONDITIONS BEFORE INMEDIATELY OF DISCREPANCIES BETWEEN EXI		GEOTECHNICAL INVESTIGATION REPORT.	3. WHERE BACKFILL MUST BE PLACED AGAINST WALLS BEFORE STRUCTURES ABOVE ARE COMPLETE, PROVIDE BRACING FOR WALLS. KEEP BRACING IN PLACE UNTIL THE	3. DIVISION 3 CONCRETE:	PROJECT SPECIFICATIONS.
IMENSIONS, AND INFORMATION SHOWN ON THE	ESE DRAWINGS. CONFIRM THE	A. NET ALLOWABLE BEARING PRESSURE SEE PLANS.	STRUCTURE ABOVE IS COMPLETE AND (IN THE CASE OF CONCRETE) HAS CURED TO ITS MINIMUM SPECIFIED 28-DAY COMPRESSIVE STRENGTH.	A. LOCATIONS. B. FORMWORK AND MEMBER SIZES.	3. STRUCTURAL MEMBERS:
DIMENSIONS AND WEIGHTS FOR EQUIPMENT S		B. LATERAL EARTH PRESSURE (UNO):  SEE FIGURE 8 OF THE GEOTECHNICAL INVESTIGATION REPORT	CONCRETE:	C. REINFORCING STEEL. D. ANCHORS: CAST-IN AND POST-INSTALLED.	A. STEEL: ABBREVIATIONS AND DESIGNATIONS ARE IN ACCORDANCE WIT AMERICAN INSTITUTE OF STEEL CONSTRUCTION'S STEEL CONSTRUC
SIZES AND LOCATIONS OF EQUIPMENT PADS F			1. SEE S101/TYP FOR CONCRETE NOTES, INCLUDING CLEAR COVER AND LAP SPLICE	E. CONCRETE MIX AND PLACEMENT.  F. PROTECTION AND CURING PROCEDURES.	MANUAL, CURRENT EDITION.
YPICAL DETAILS ARE INCLUDED ON THE "TS" DF	RAWINGS.	TYPICAL STRUCTURAL MATERIALS:	LENGTH REQUIREMENTS FOR REINFORCING.	G. PRECAST CONCRETE.	B. ALUMINUM: ABBREVIATIONS AND DESIGNATIONS ARE IN ACCORDANCE.
TYPICAL DETAILS ARE INTENDED TO APPLY AT ITLES, EVEN WHEN NOT SPECIFICALLY REFERE		1. MATERIALS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS UNLESS OTHERWISE INDICATED ON THE DRAWINGS.	2. SUBMIT LOCATIONS OF CONSTRUCTION JOINTS NOT SHOWN ON THE DRAWINGS FOR ACCEPTANCE BY THE ENGINEER BEFORE FORM LAYOUT.	4. DIVISION 5 METALS	THE ALUMINUM ASSOCIATION'S ALUMINUM DESIGN MANUAL, CURREN
IN STRUCTURAL TYPICAL DETAILS, ORIENTAT EINFORCEMENT (WHETHER "LINES" OR "DOTS".		2. SEE PROJECT SPECIFICATIONS AND NOTES ON DRAWINGS OF SPECIFIC STRUCTURES	3. PROVIDE CHAMFER AT EXPOSED EDGES OF CAST-IN-PLACE CONCRETE. SEE	A. GENERAL ALL METALS: 1) MEMBER LOCATIONS.	4. ABBREVIATIONS FOR STRUCTURAL DRAWINGS: WHEN USED ON THE STRUCTURAL DRAWINGS, THE FOLLOWING
ONCRETE) IS GENERALLY ARBITRARY. SEE DR. PRIENTATION REQUIRED AT THAT STRUCTURE.	RAWINGS OF EACH STRUCTURE FOR	FOR DETAILED AND LOCATION-SPECIFIC REQUIREMENTS.	SPECIFICATION 03102 FOR CHAMFERS.	2) MEMBER SIZES/TYPES.	ABBREVIATIONS HAVE THE MEANINGS LISTED.
EE CIVIL DRAWINGS FOR STRUCTURE COORDIN		REINFORCING STEEL (FOR CONCRETE AND MASONRY):  1. DEFORMED BARS:	4. PROVIDE REINFORCING:	<ul><li>3) ANCHORS - CAST-IN AND BUILT-IN ANCHOR BOLTS.</li><li>4) ANCHORS - POST-INSTALLED MECHANICAL AND ADHESIVE.</li></ul>	REINFORCEMENT: OTHER: BO BOTTOM OF L ANGLE
O WHICH SITE COORDINATES REFER ARE SHOV		A. TYPICAL: ASTM A 615, GRADE 60.	A. AT CORNERS AND JUNCTIONS - AS INDICATED IN \$144/TYP, SUPPLEMENT WITH ADDED BARS WHERE INDICATED ON THE DRAWINGS.	B. STRUCTURAL STEEL (CARBON AND STAINLESS).	EF EACH FACE PL PLATE I.F. INSIDE FACE
RAWINGS PREPARED BY OTHER DISCIPLINES IN ONDUITS. AND OTHER ITEMS THAT ARE EMBED		CONCRETE:  1. NORMAL DENSITY.	B. AT OPENINGS - AS INDICATED IN S180/TYP.	<ol> <li>HIGH-STRENGTH BOLTING.</li> <li>WELDING.</li> </ol>	O.F. OUTSIDE FACE T.O. TOP OF
TRUCTURES.	DED INTO ONT AGO THROUGH	2. MINIMUM SPECIFIED CONCRETE COMPRESSIVE STRENGTH, f'c (AT 28 DAYS UNO).	5. WELDING OF REINFORCING IS NOT PERMITTED UNLESS DETAILED ON THE DRAWINGS OR ACCEPTED IN ADVANCE BY THE ENGINEER.		# NUMBER (REINFORCING BAR SIZE)
CONFIRM SIZE AND LOCATIONS OF OPENINGS ITEMS AND EQUIPMENT FURNISHED.	S, PENETRATIONS AND EMBEDMENT FOR	A. STRUCTURES: "CLASS A"OR "CLASS B" f'c = 4000 PSI.	MAINTAIN MINIMUM 3 INCHES CLEAR CONCRETE COVER BETWEEN REINFORCING		DAN SIZE)
ITEMS AND EQUIPMENT FURNISHED. IN GENERAL, OPENINGS, EMBEDMENTS, AND DIAMETER ARE NOT SHOWN ON THE STRUCT		B. FILL, THRUST BLOCKS, PIPE ENCASEMENT: "CLASS C" f'c = 2500 PSI. C. ELECTRICAL DUCT ENCASEMENT: "CLASS CE" f'c = 2500 PSI.	AND EMBEDMENTS.		
SEE MECHANICAL DRAWINGS FOR DETAILS O	OF PIPE PENETRATIONS, PIPE SUPPORTS,	D. PRECAST AND PRECAST-PRESTRESSED MEMBERS: "CLASS D" f'c = 5000 PSI.	7. FINISH CONCRETE AS SPECIFIED IN SECTION 03366.		DEFERRED DESIGN SUBMITTALS
AND ASSOCIATED STRUCTURAL REQUIREMENT SEE MECHANICAL DRAWINGS FOR EQUIPMENT		STRUCTURAL STEEL:	STEEL, STAINLESS STEEL, AND ALUMINUM - CONNECTIONS:		AS DEFINED IN THE BUILDING CODE, DEFERRED DESIGN SUBMITTALS ARE PORTIONS OF THE DESIGN THAT ARE NOT SUBMITTED AT THE TIME OF PERM
RUCTURAL DESIGN CRITERIA -	GENERAL:	1. SECTIONS	1. BOLTED:		APPLICATION, AND THAT ARE TO BE REVIEWED BY THE REGISTERED DESIGN PROFESSIONAL AND SUBSEQUENTLY SUBMITTED TO THE BUILDING OFFICIA
DRAWINGS OF INDIVIDUAL STRUCTURES FOR		A. SHAPES W, WT: ASTM A 992 (Fy = 50 KSI)  B. SHAPES S, ST, M, MT, HP, C, MC, L: ASTM A 36 (Fy = 36 KSI)	A. MADE USING 3/4-INCH DIAMETER BOLTS. B. HAVING A MINIMUM OF 2 BOLTS, SPACED NOT CLOSER THAN 3 INCHES ON		DEFERRED DESIGN SUBMITTALS FOR THIS PROJECT INCLUDE:
SE OVERALL CRITERIA FOR THE SITE.		C. PLATES AND BARS: ASTM A 36 (Fy = 36 KSI) D. PIPES: ASTM A 53, GRADE B (Fy = 35 KSI)	CENTER.		
BUILDING CODE:		E. HOLLOW STRUCTURAL SECTIONS:  ROUND: ASTM A 500, GRADE B (Fy = 42 KSI)	C. WITH A DISTANCE OF AT LEAST 1 1/2 INCHES FROM CENTER OF BOLT TO ANY EDGE OF A PLATE OR STRUCTURAL ELEMENT.		PRECAST CONCRETE MANHOLES, HANDHOLES, VAULTS AND BOXES.
A. 2019 CALIFORNIA BUILDING CODE ("CBC 201' B. LOCAL AMENDMENTS: CITY OF SAUSALITO.		SQUARE AND RECTANGULAR: ASTM A 500, GRADE B (Fy = 46 KSI)	2. WELDED:		EQUIPMENT ACCESS HATCHES.
STRUCTURE RISK CATEGORY: SEE PLANS FOR		2. CONNECTIONS:	A. FILLET WELDS: PER AWS CODE BASED ON THE THICKNESS OF THE MATERIALS		FRP/METAL STAIRS, LANDINGS, PLATFORMS, GRATINGS, AND THEIR SUPPOR FRAMING/ANCHORAGE.
DEAD LOADS: CALCULATED FOR STRUCTURE S		A. BOLTS - STEEL TO-STEEL: 316 STAINLESS STEEL HIGH-STRENGTH BOLTS, WITH LOAD INDICATOR	BEING JOINED, AND FULL LENGTH OF THE JOINT.		FRP/METAL HANDRAILS, GUARDRAILS, AND THEIR SUPPORTING
LIVE LOADS: (REDUCTIONS NOT USED)		WASHERS. B. BOLTS - STEEL TO CONCRETE OR MASONRY:	3. INTERFACE BETWEEN MATERIALS:		FRAMING/ANCHORAGE.
A. FLOOR LIVE LOAD: SEE PLANS.		ANCHOR BOLTS WITH HEX FORGED HEAD.  C. WELDS - SHIELDED METAL ARC PROCESS USING E70-XX ELECTRODES.	A. AT BOLTED CONNECTIONS THAT INCLUDE DIFFERENT METALS (E.G.: STEEL AND STAINLESS STEEL, OR ALUMINUM AND STAINLESS STEEL) PROVIDE		PROCESS/MECHANICAL EQUIPMENT ANCHORAGE WHERE GREATER THAN 40
B. GRATING AND CHECKERED PLATE: 100 PSF C. EQUIPMENT LOADS: SEE PLANS.	(UNO).	D. ALL BOLTS, NUTS, WASHERS, MOUNTING PLATES, AND OTHER FASTENERS NOT OTHERWISE SPECIFIED SHALL BE TYPE 316 STAINLESS STEEL.	ISOLATING SLEEVES AND WASHERS AS SPECIFIED IN SECTION 05190.  B. WHERE ALUMINUM IS IN CONTACT WITH MASONRY OR CONCRETE, COAT		PROCESS/MECHANICAL EQUIPMENT ANCHORAGE FOR ALL EQUIPMENT GREATER THAN 20 LBS WITH CENTER OF MASS GREATER THAN 4 FEET ABOVE FLOOR.
FLUID PRESSURE LOADS: 63 PSF/FT (UNO).			ALUMINUM SURFACES AS SPECIFIED IN SECTION 09960.		
WIND DESIGN DATA:		STAINLESS STEEL:  1. ANSI TYPE 316/316L EXCEPT WHERE TYPE 304/304L IS INDICATED ON THE DRAWINGS.	4. POST-INSTALLED ANCHORS IN CONCRETE AND MASONRY:		PREFORMED CHANNEL PIPE SUPPORT SYSTEM DESIGN AND ANCHORAGE.
A. SPECIAL WIND REGION: NO		2. SECTIONS: SHAPES AND BARS: ASTM A 276.	A. INSTALL IN FULL COMPLIANCE WITH ACCEPTED BUILDING CODE EVALUATION REPORT AND MANUFACTURER'S INSTRUCTIONS.		ELECTRICAL EQUIPMENT ANCHORAGE.
B. WIND-BORNE DEBRIS REGION: NO C. BASIC WIND SPEED (3 SEC GUST, 33 FEET A	ABOVE GROUND): 115 MPH	3. BOLTED CONNECTIONS - BOLTS AND ANCHOR BOLTS:	B. DO NOT CUT, DAMAGE, OR INTERRUPT EXISTING REINFORCEMENT TO INSTALL ANCHORS. USE NON-DESTRUCTIVE TESTING EQUIPMENT TO IDENTIFY		ELECTRICAL PANEL AND ENCLOSURE ANCHORAGE.
EARTHQUAKE DESIGN DATA:		A. MATCH ALLOY OF THE STRUCTURAL MEMBERS CONNECTED.	LOCATIONS OF REINFORCEMENT IN MEMBERS BEFORE DRILLING HOLES FOR ANCHORS.		FIRE ALARM AND SMOKE DETECTION SYSTEM.
A. SITE CLASS: E.	0.2 SECOND *1.0 SECOND	B. TYPE 316/316L: ASTM A 193, GRADE B8M, CLASS 1, HEAVY HEX. C. TYPE 304/304L: ASTM A 193, GRADE B8, CLASS 1, HEAVY HEX.	METAL FABRICATIONS:		
A. SITE CLASS. E. B. MAPPED SPECTRAL RESPONSE ACCELERAT C. MAXIMUM CONSIDERED ACCELERATIONS:*	TIONS: Ss = $1.50 \text{ g}$ S1 = $0.60 \text{ g}$	4. WELDED CONNECTIONS:	1. COVER PLATES:		
<ul><li>D. DESIGN SPECTRAL RESPONSE ACCELERATIONS.</li><li>(* 5% DAMPED)</li></ul>		A. TYPE 316L: E316L-15 ELECTRODES.	A. ALUMINUM WITH TYPE 316 STAINLESS STEEL FASTENERS, UNLESS		
· ·		B. TYPE 304L: E304L-15 ELECTRODES.	OTHERWISE NOTED.  B. COVER PLATE AND ITS SEATS OR SUPPORTS SHALL BE OF THE SAME		
<u>CONSTRUCTION LOADS:</u> STRUCTURES HAVE BEEN DESIGNED FOR OPEI	RATING LOADS ON COMPLETED		MATERIAL.		
FACILITIES. UNTIL CONSTRUCTION IS COMPLET THEIR DESIGN STRENGTH, PROTECT STRUCTU	TE AND MEMBERS HAVE ACHIEVED				
BRACING, AND BALANCING.					
				1	
		MJH PROFESSIONAL	40	SAUSALITO-MARIN CITY S	SANITARY DISTRICT VERIFY SCALES 823
	DF	LOS EL F. MA.	Shull a	COLOMA PUMP STATION REF	BAR IS ONE INCH ON
<del>                                     </del>		MJG ECKED No. S5368	CCarolo®	<u> </u>	0 GI
		·      <b>-</b>	\sigma_{\sigma}	GENERAL	` '
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DATE BY DESCRI	D	DATE EMBER 2020  9/16/2020	ANITAR:	STRUCTURAL	NOTES  IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY 7

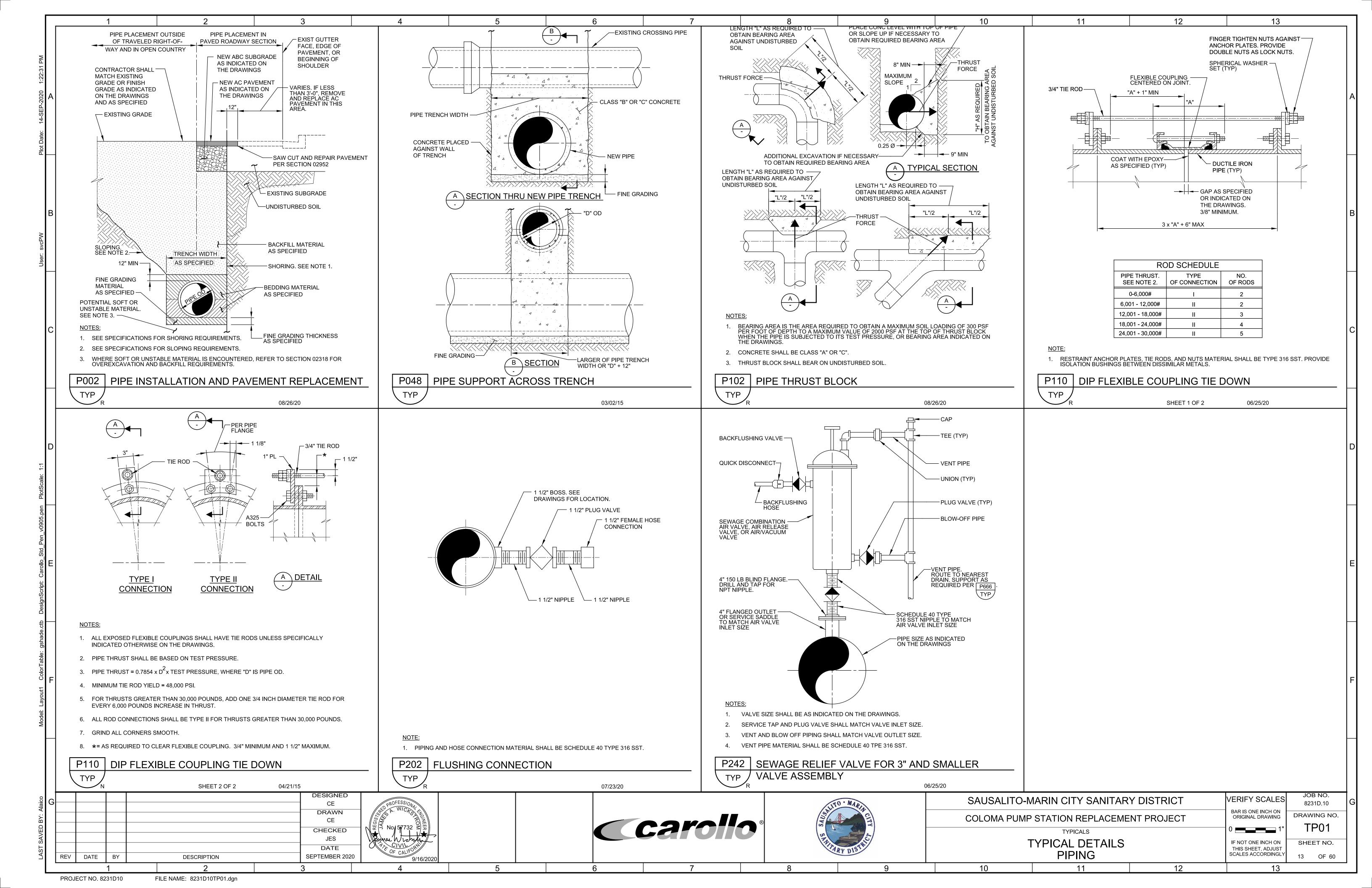


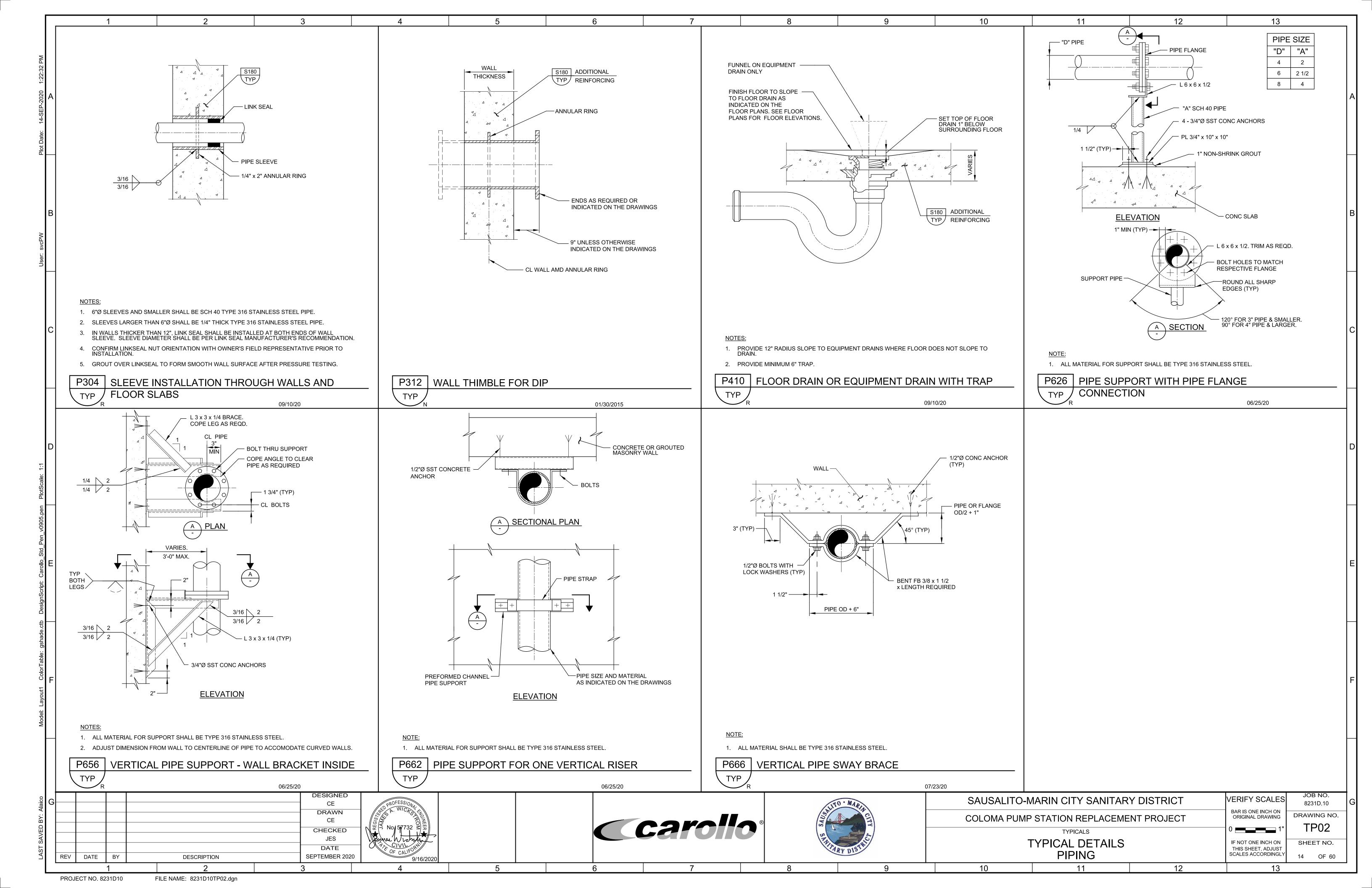


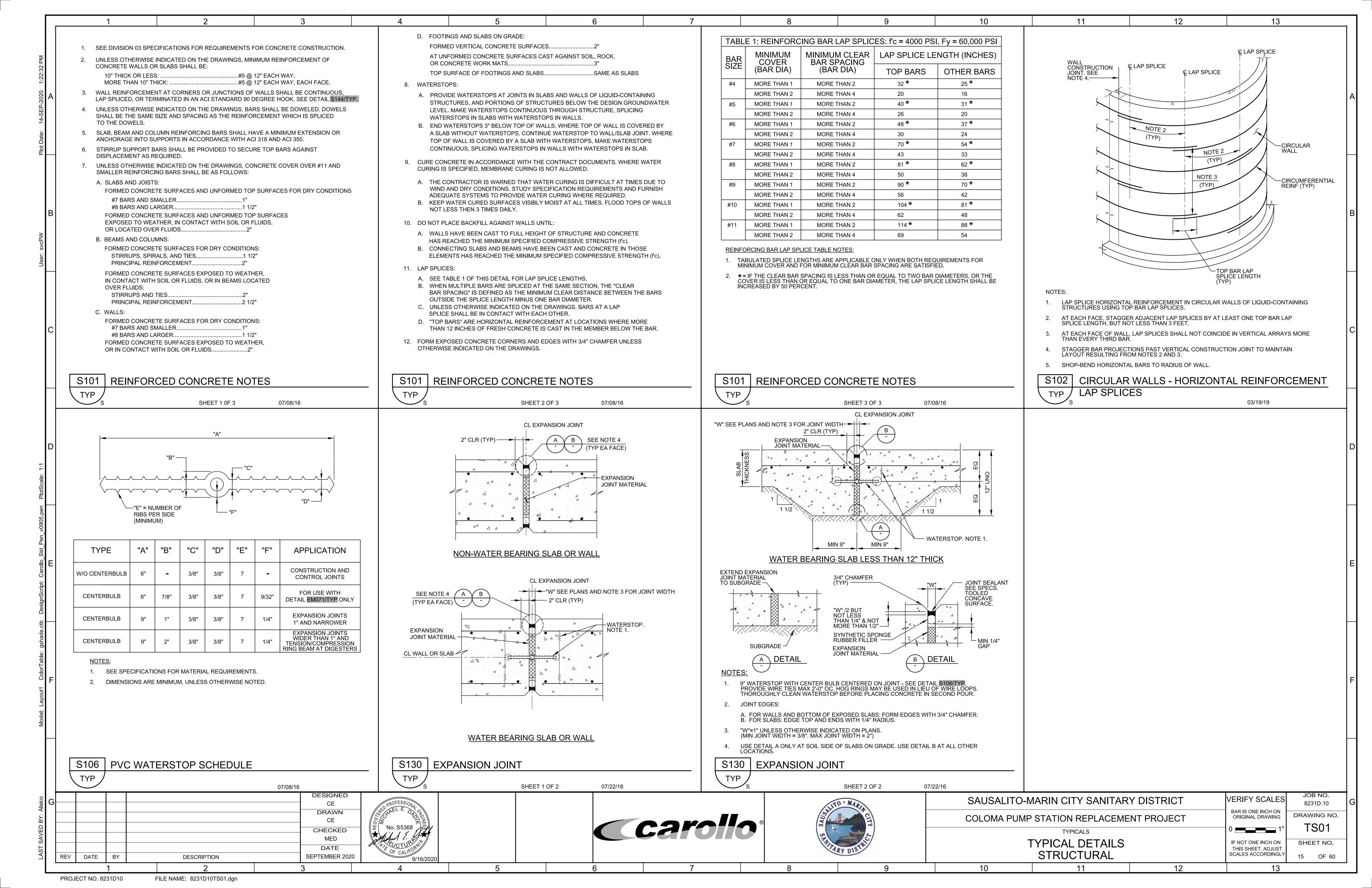


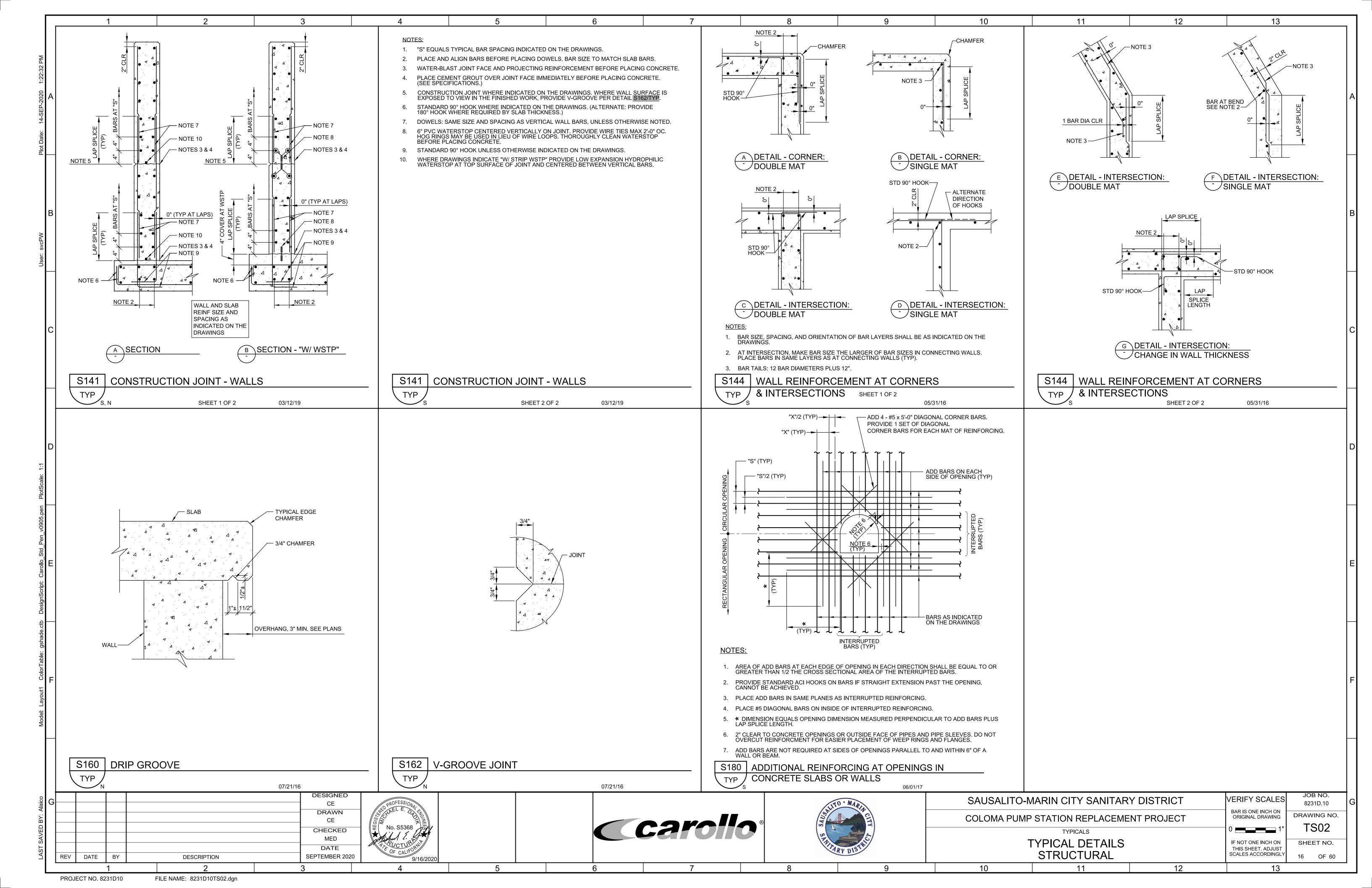


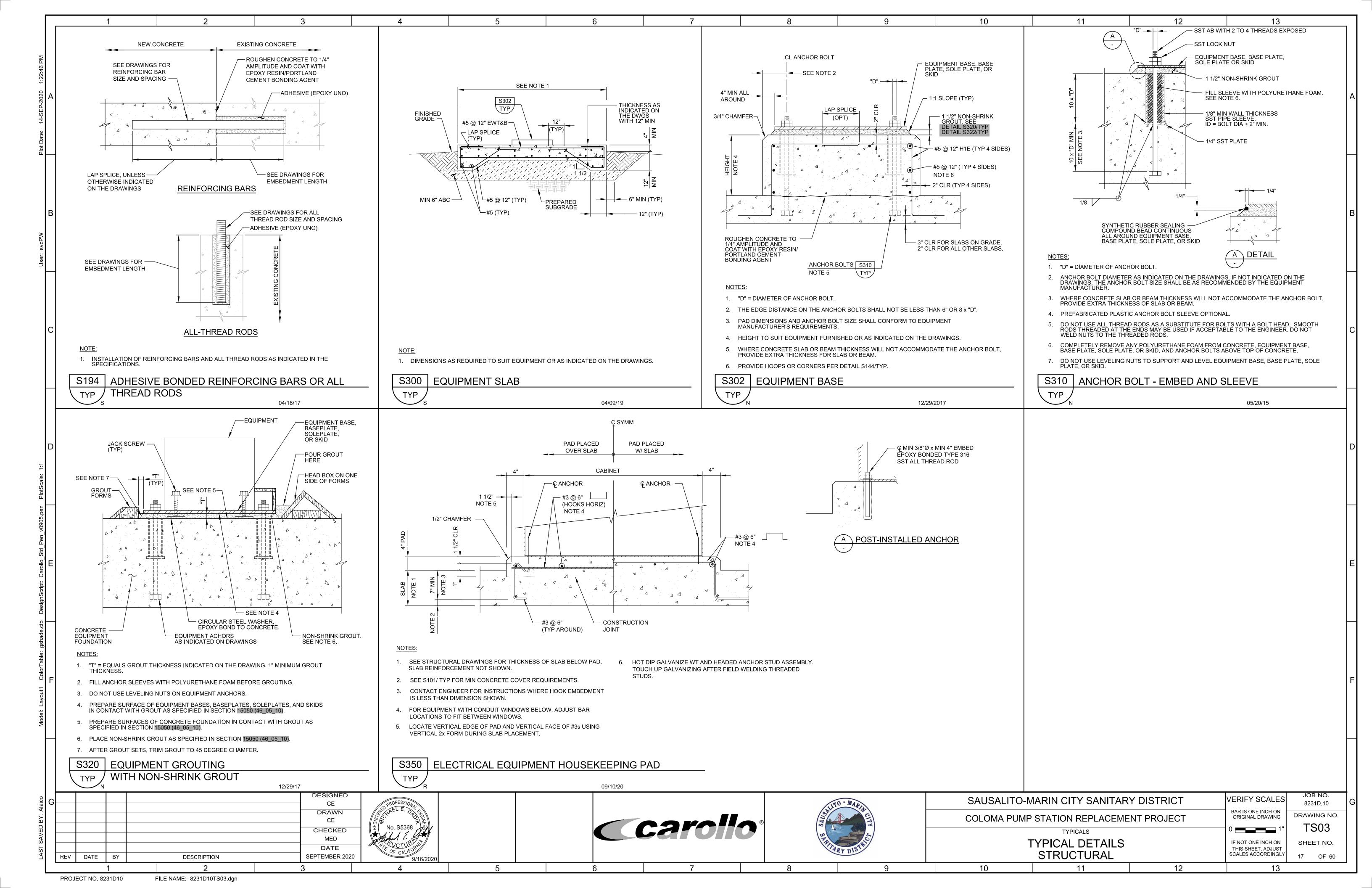


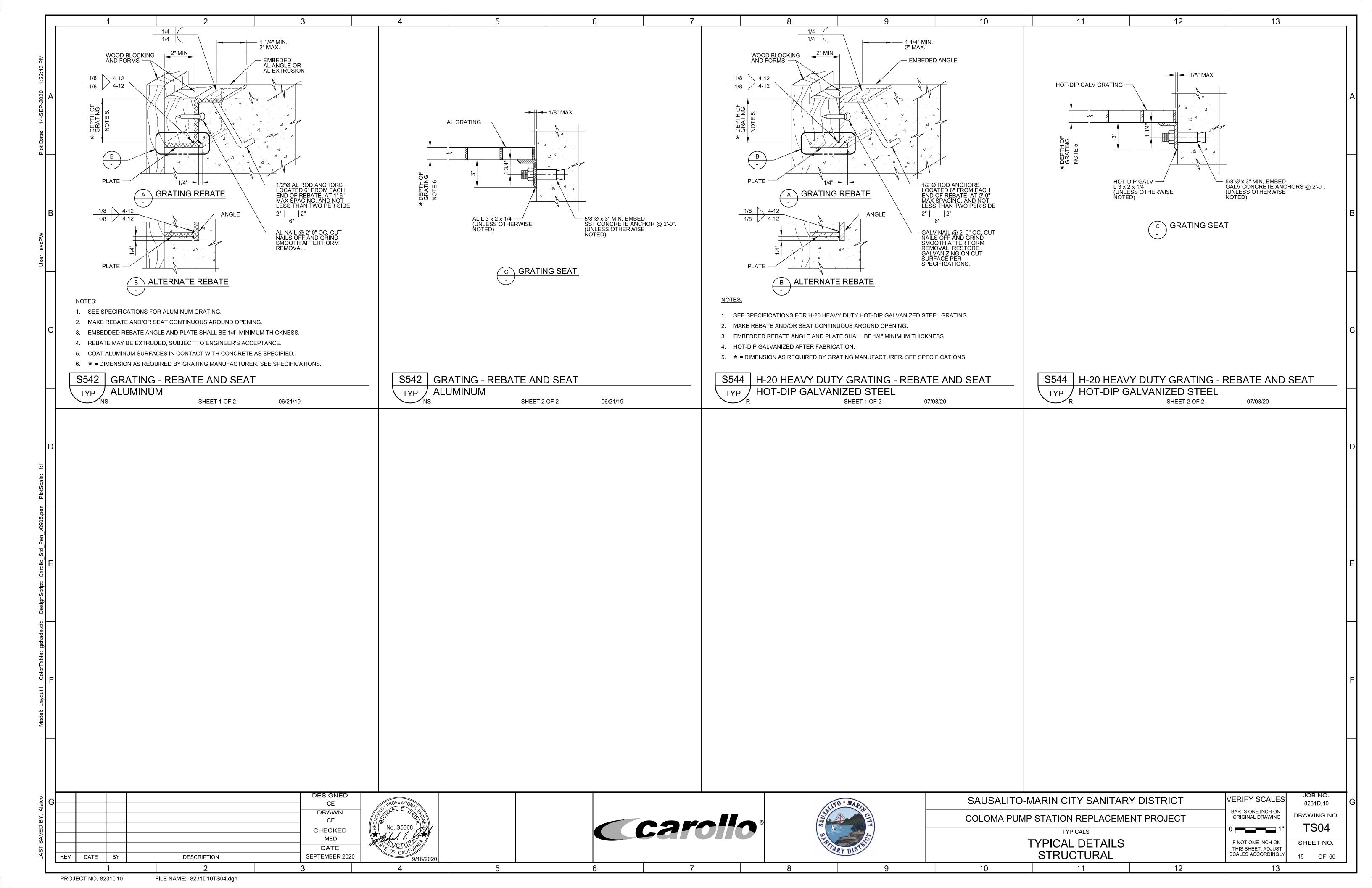


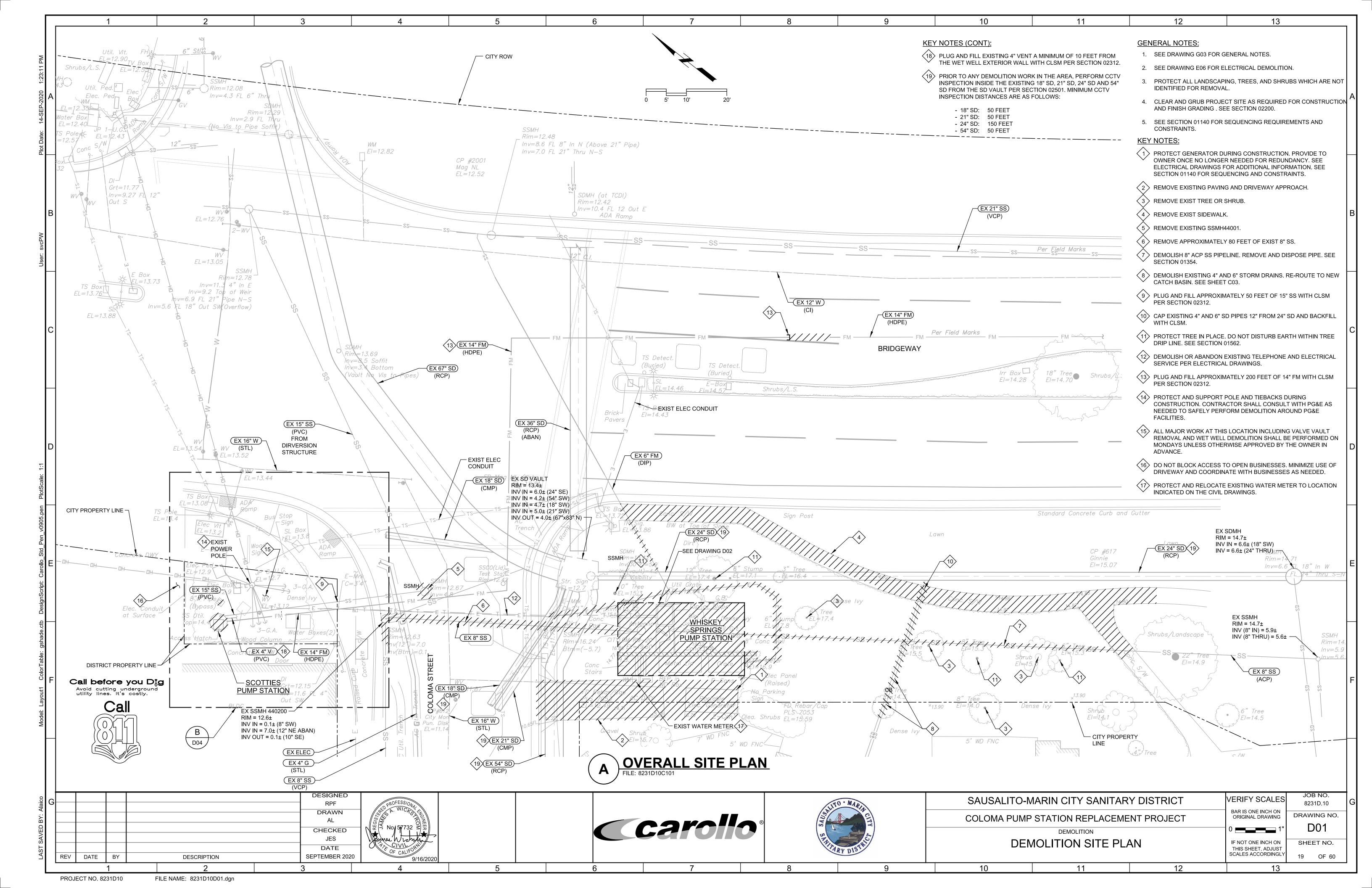


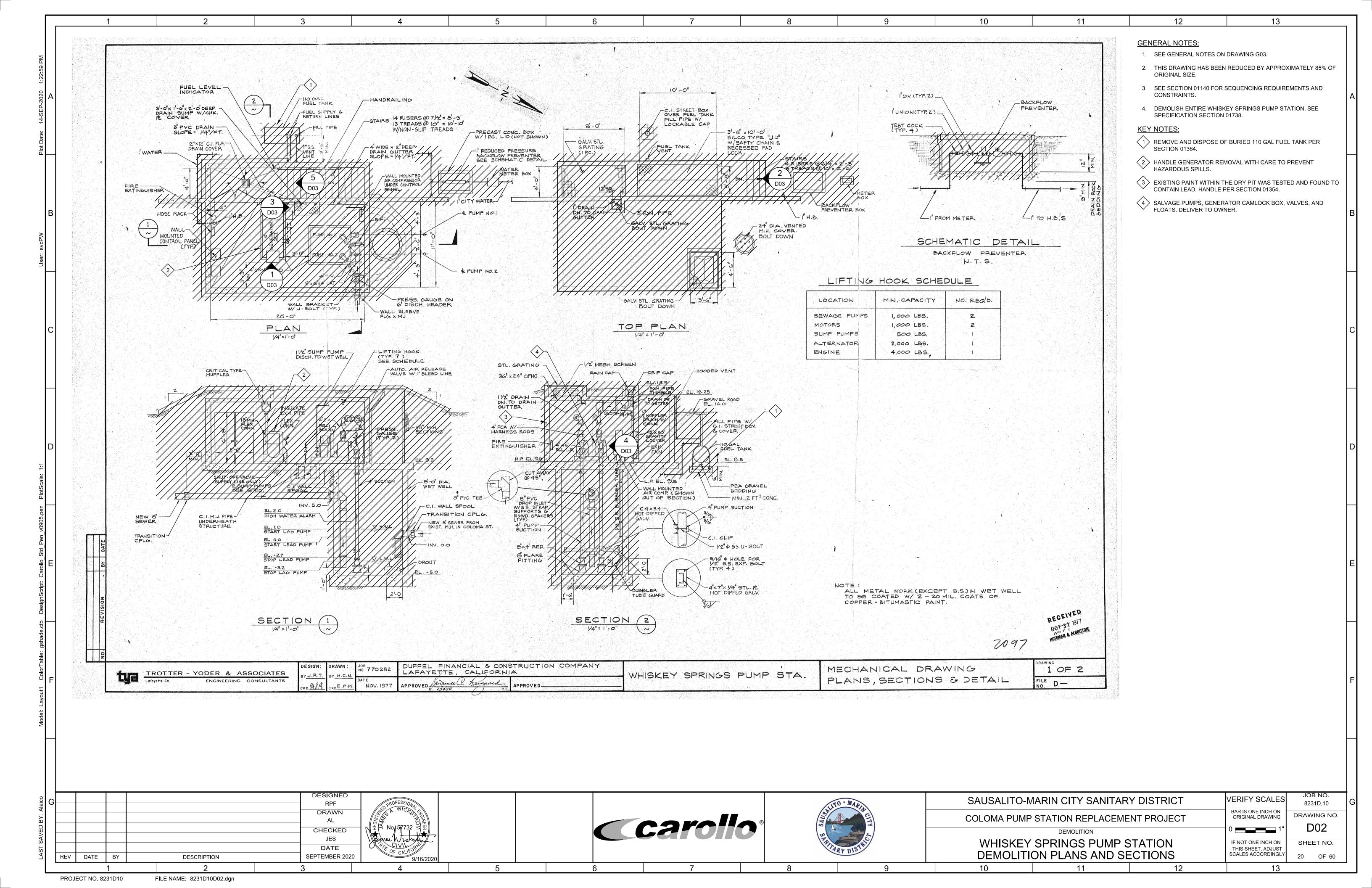


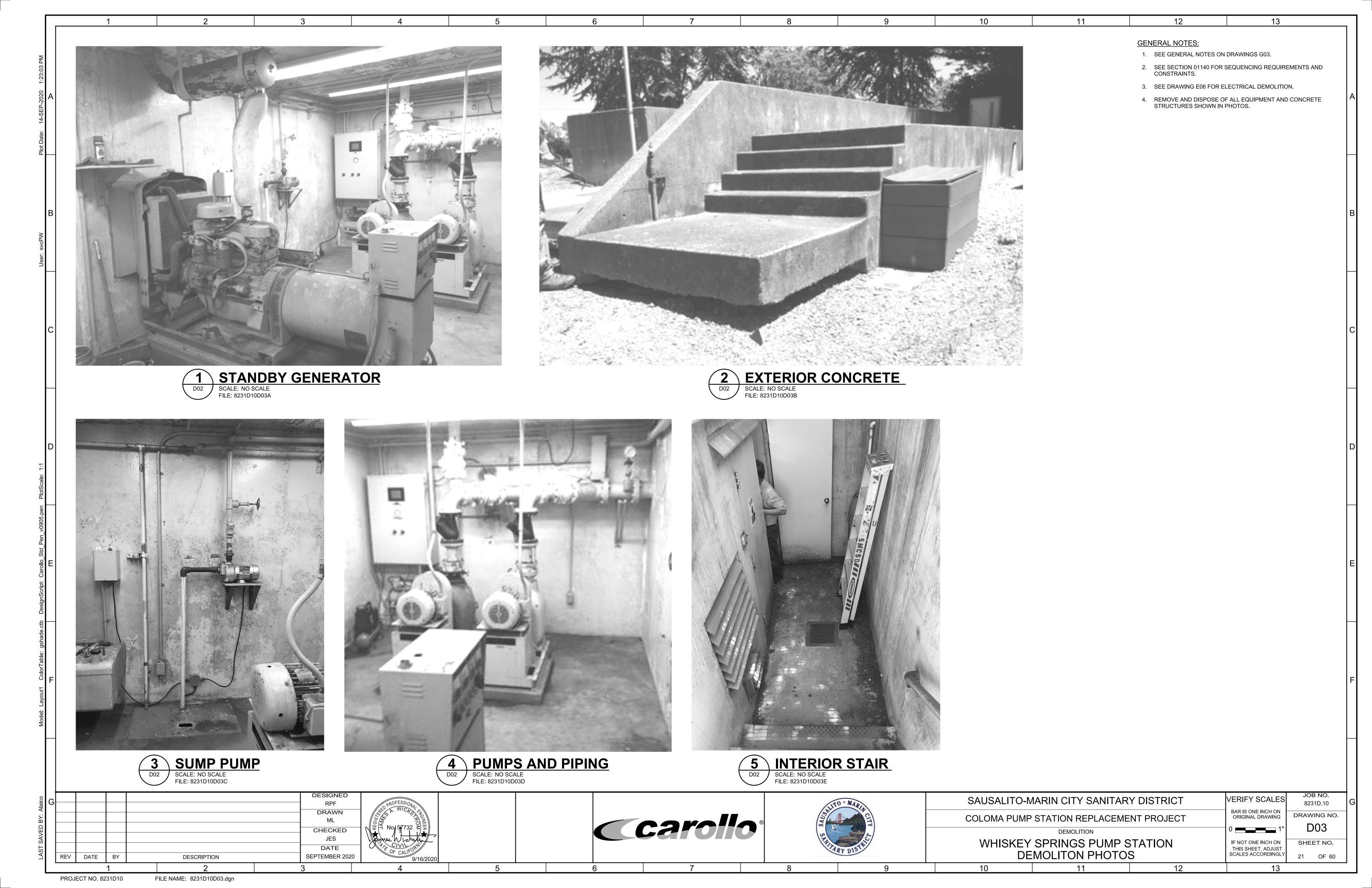


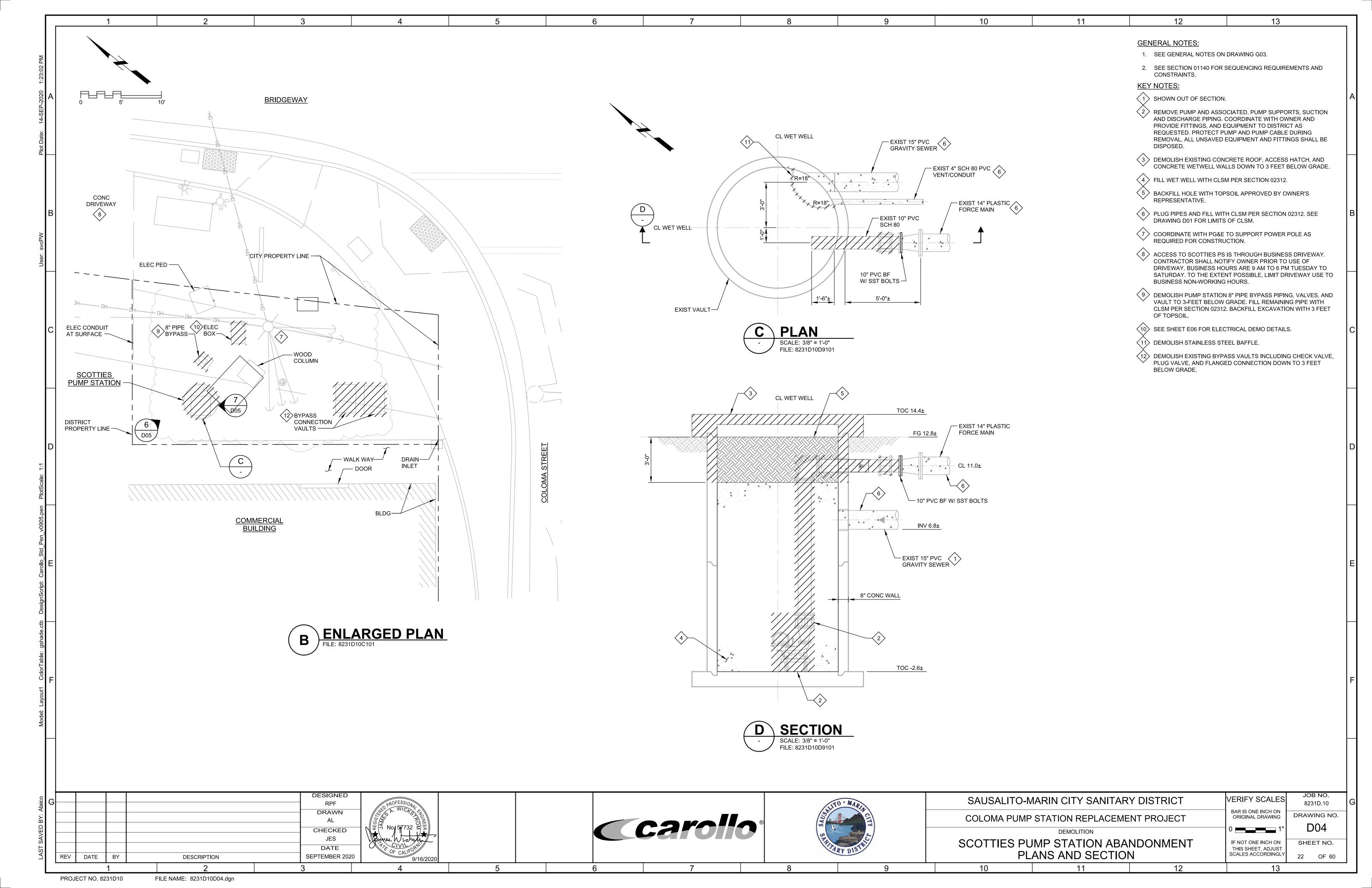




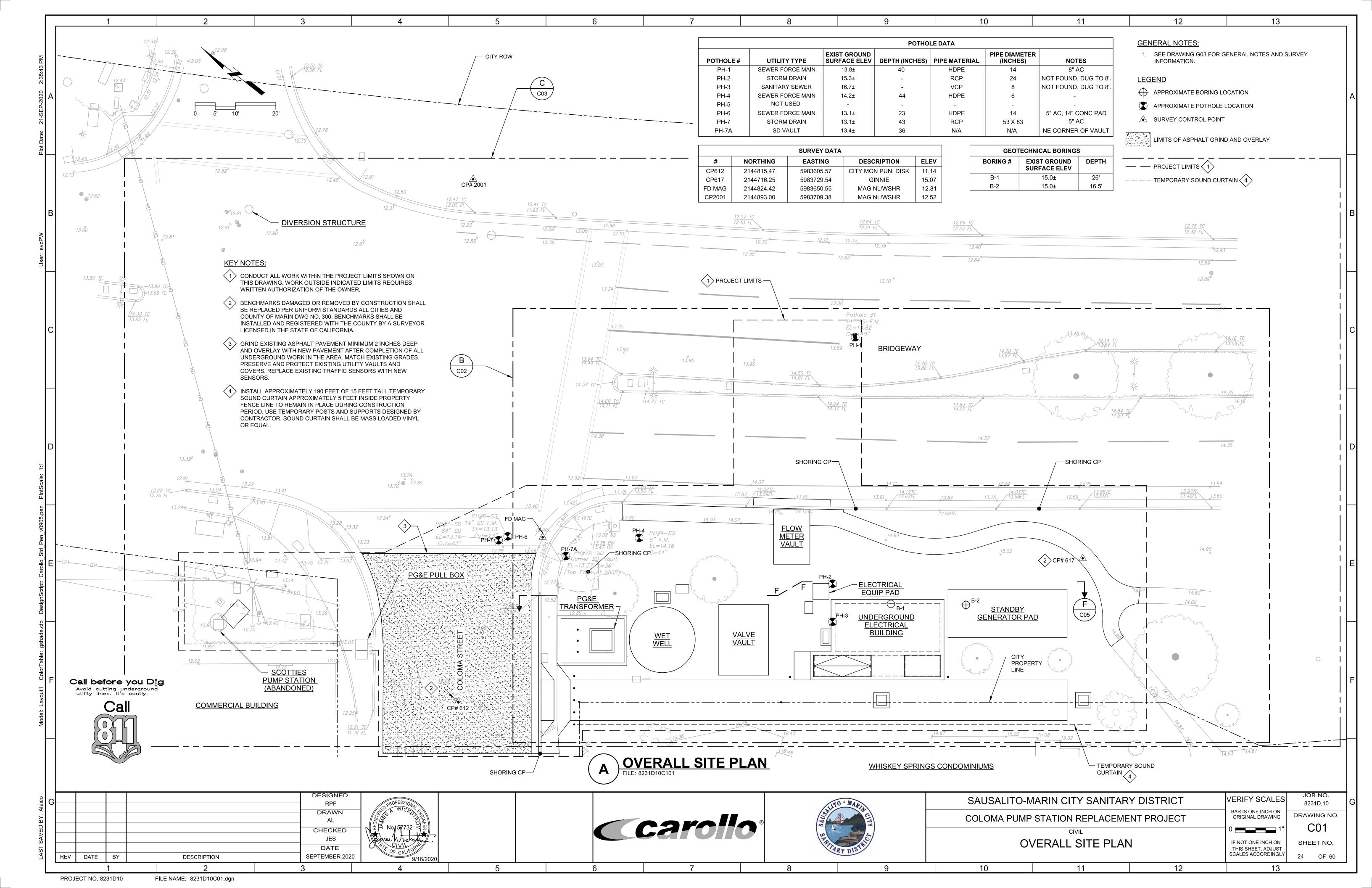


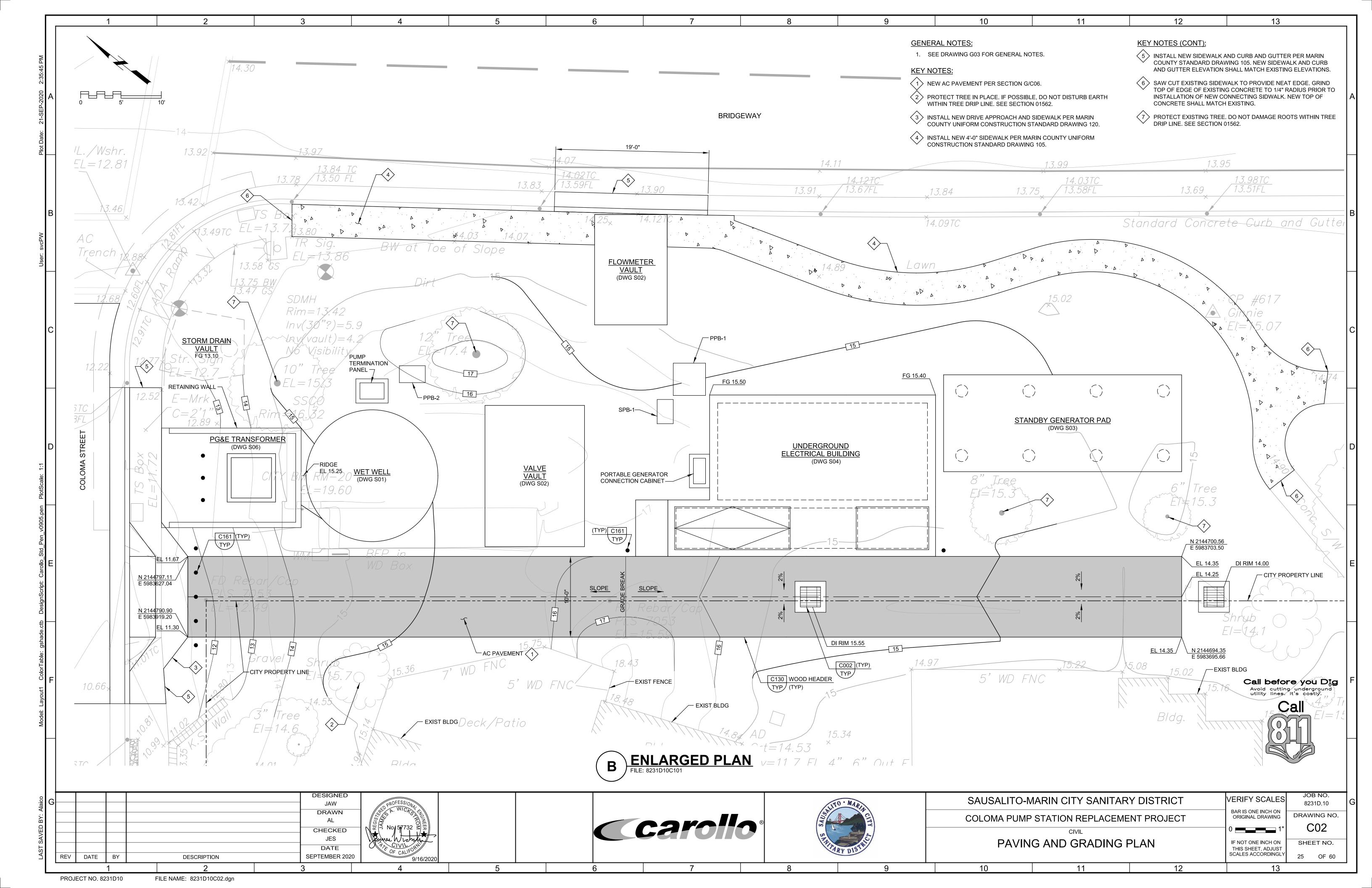


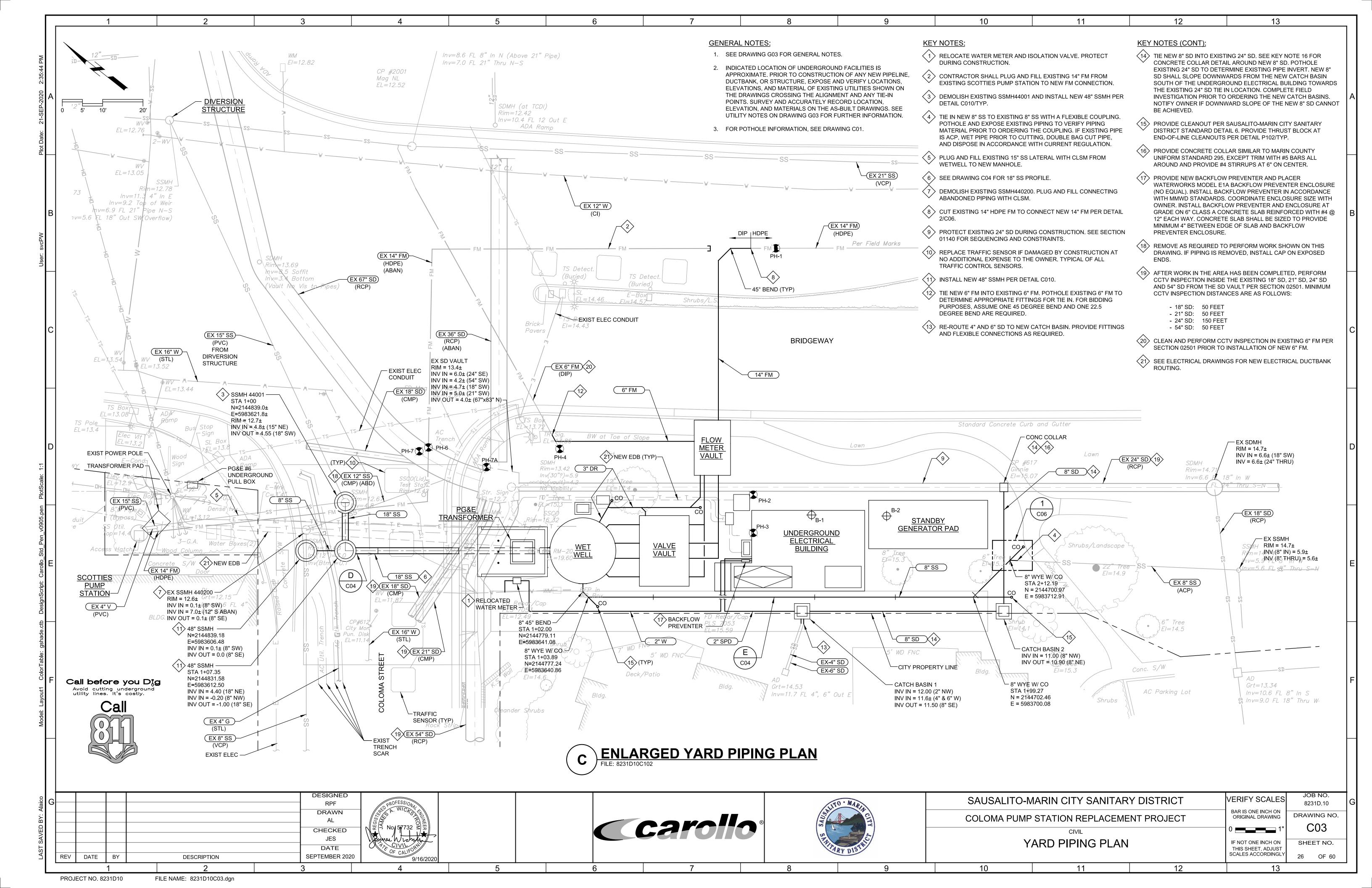


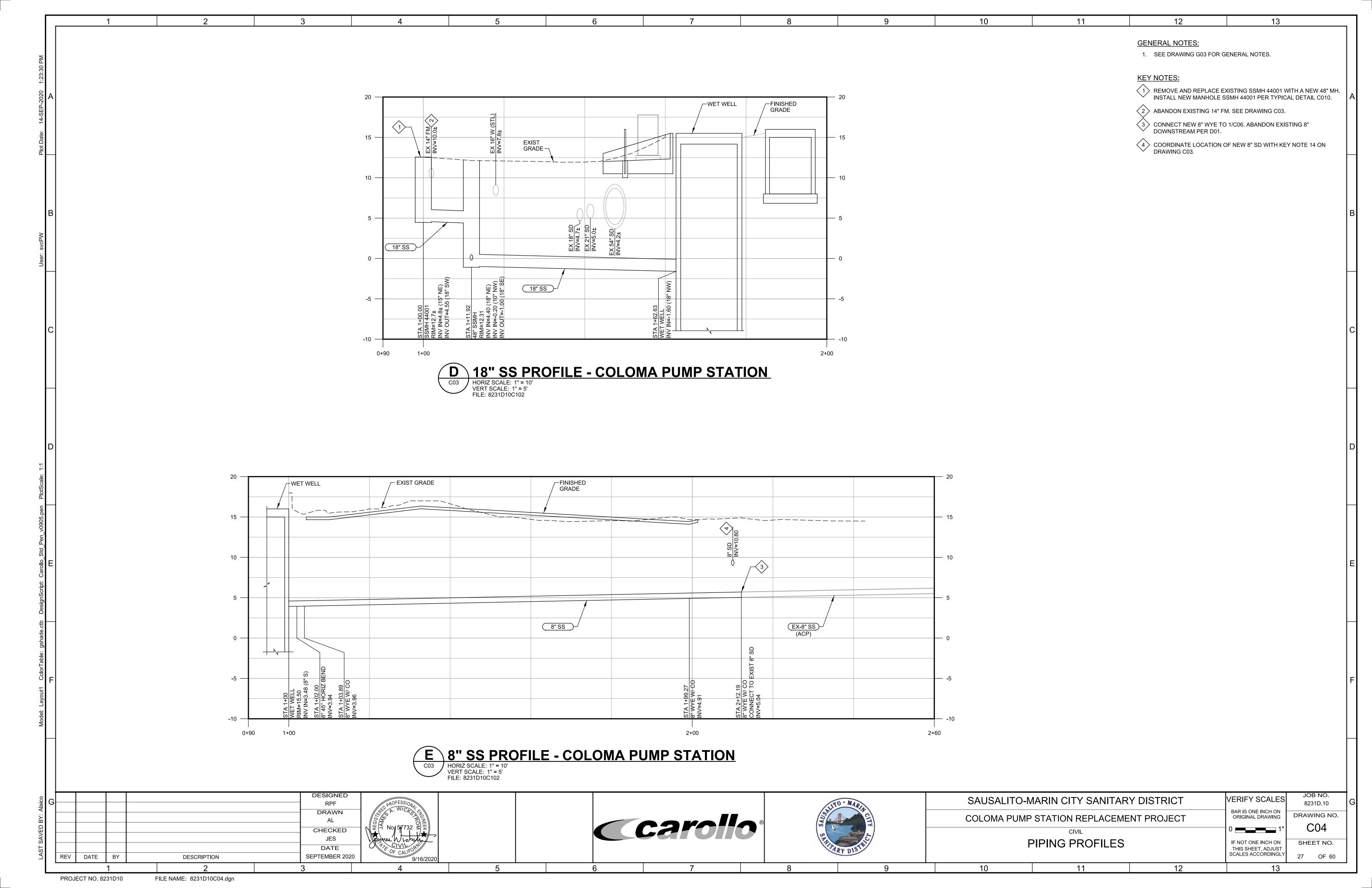


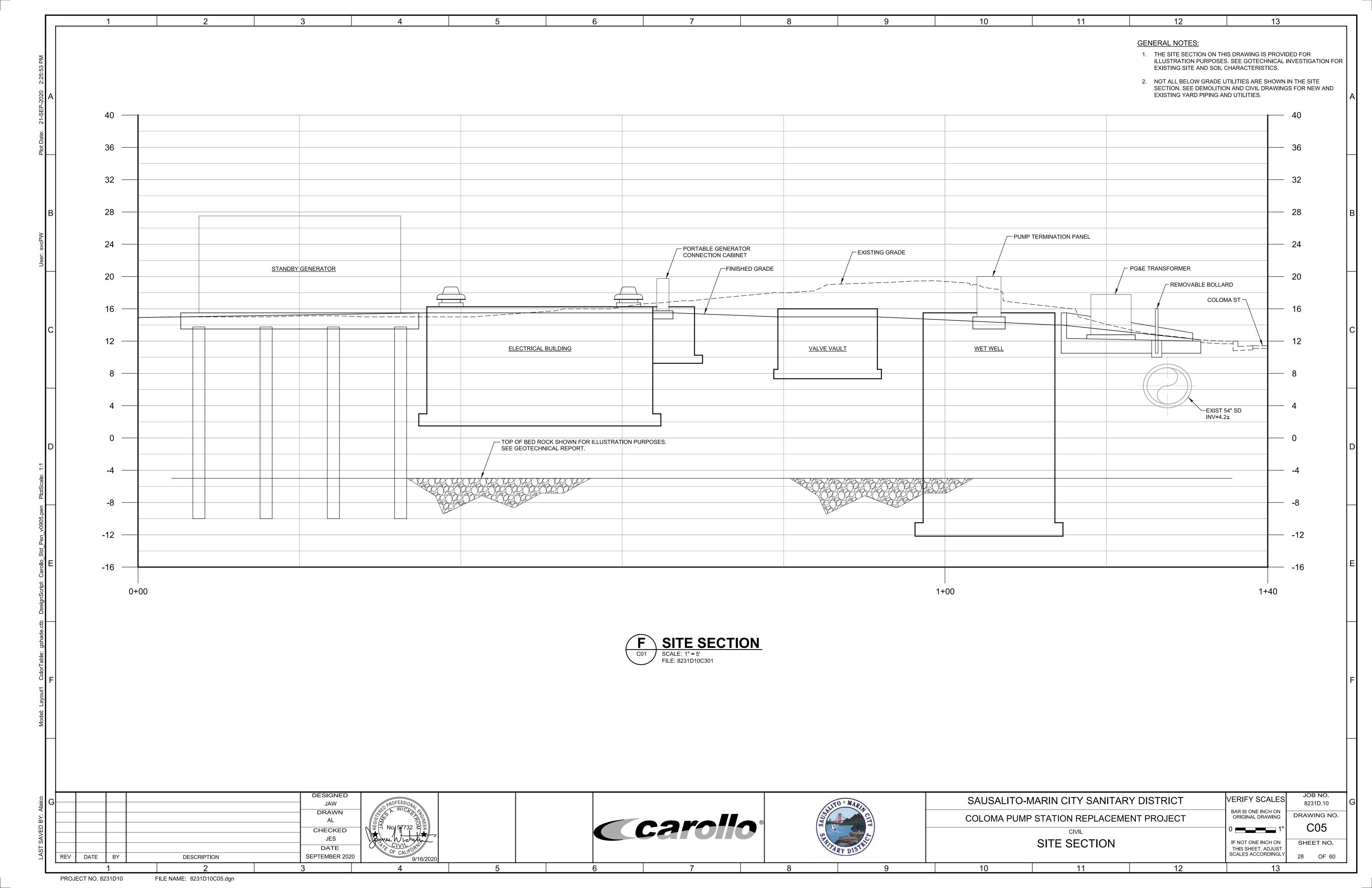


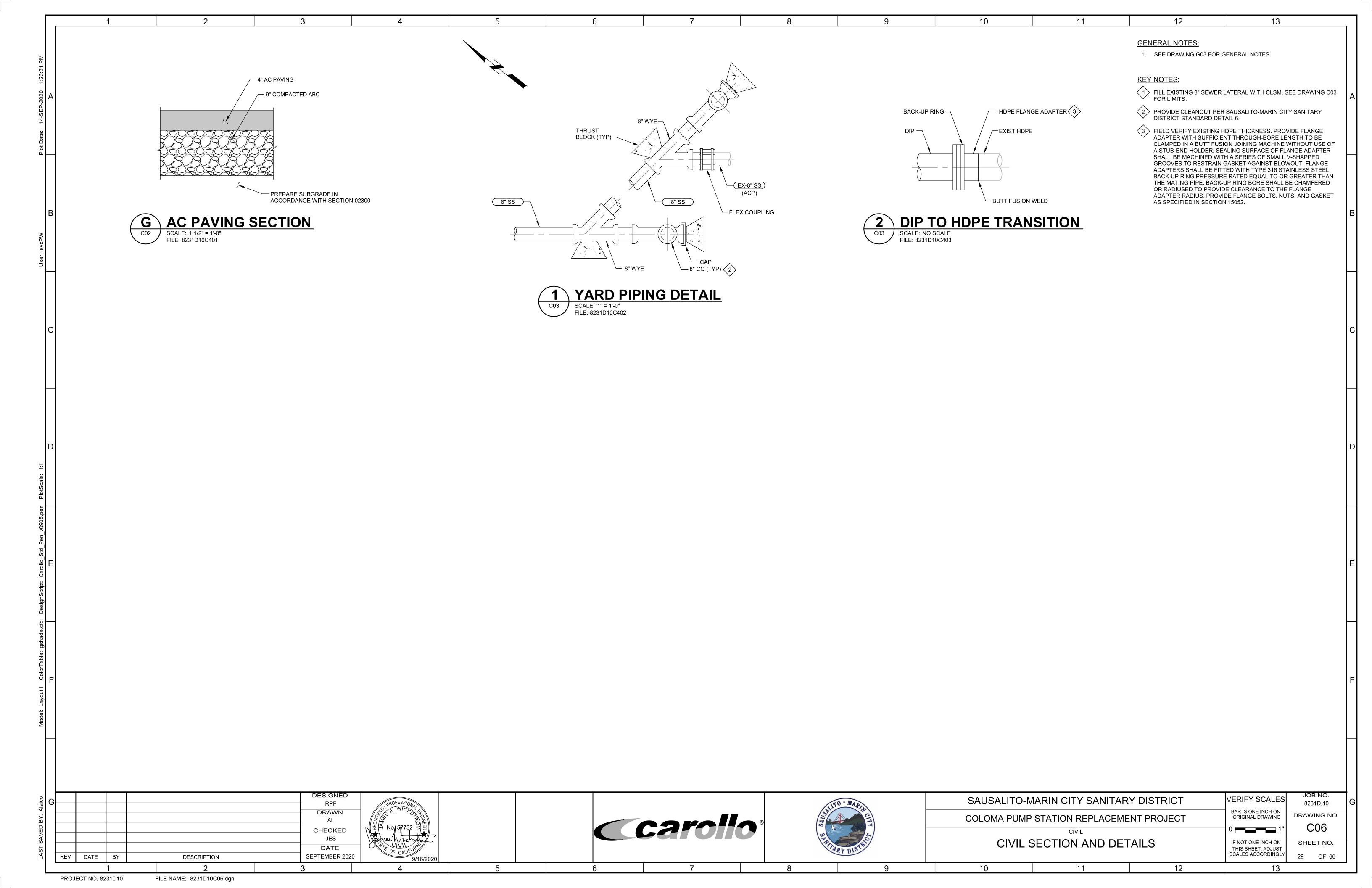


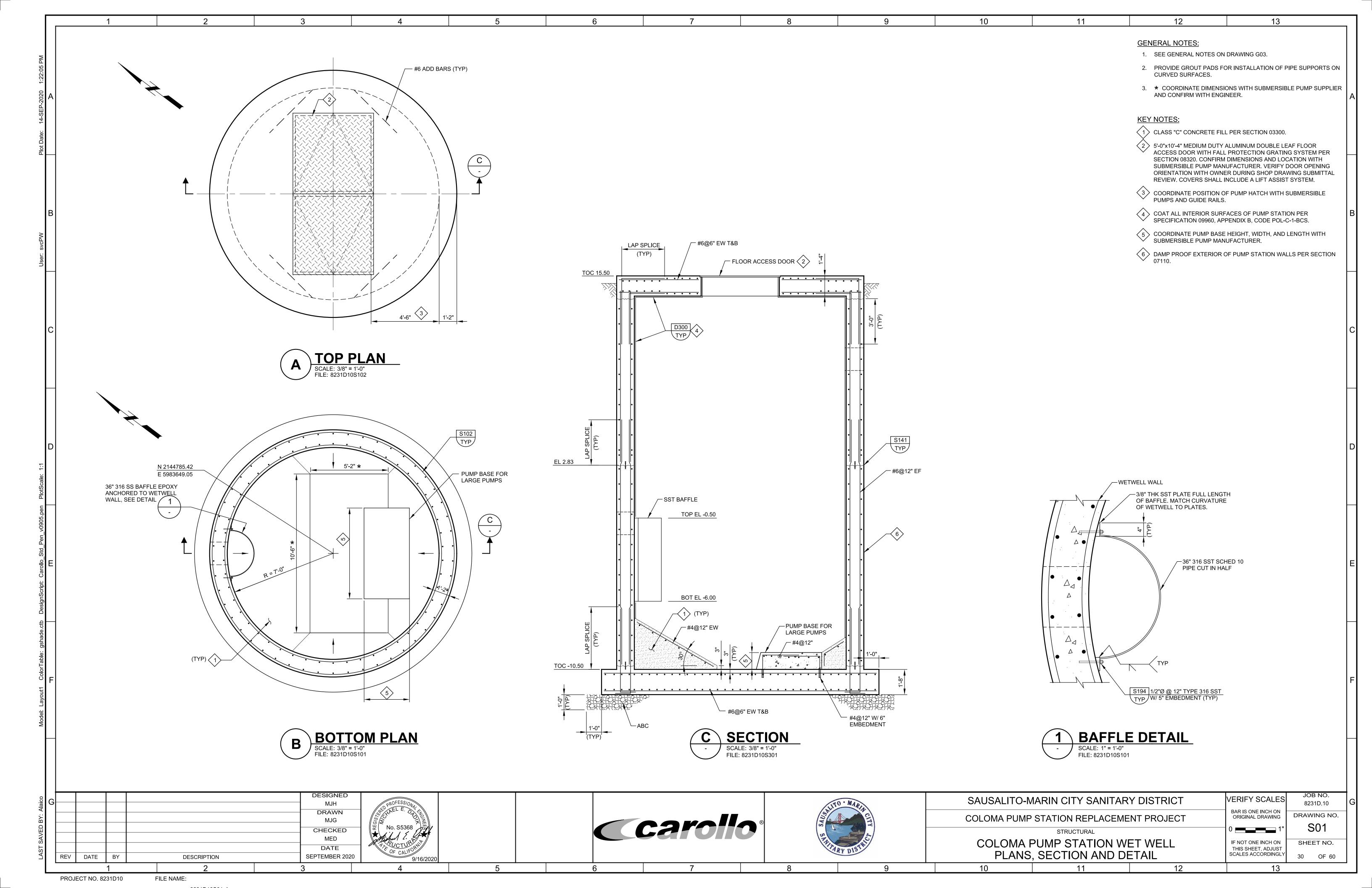


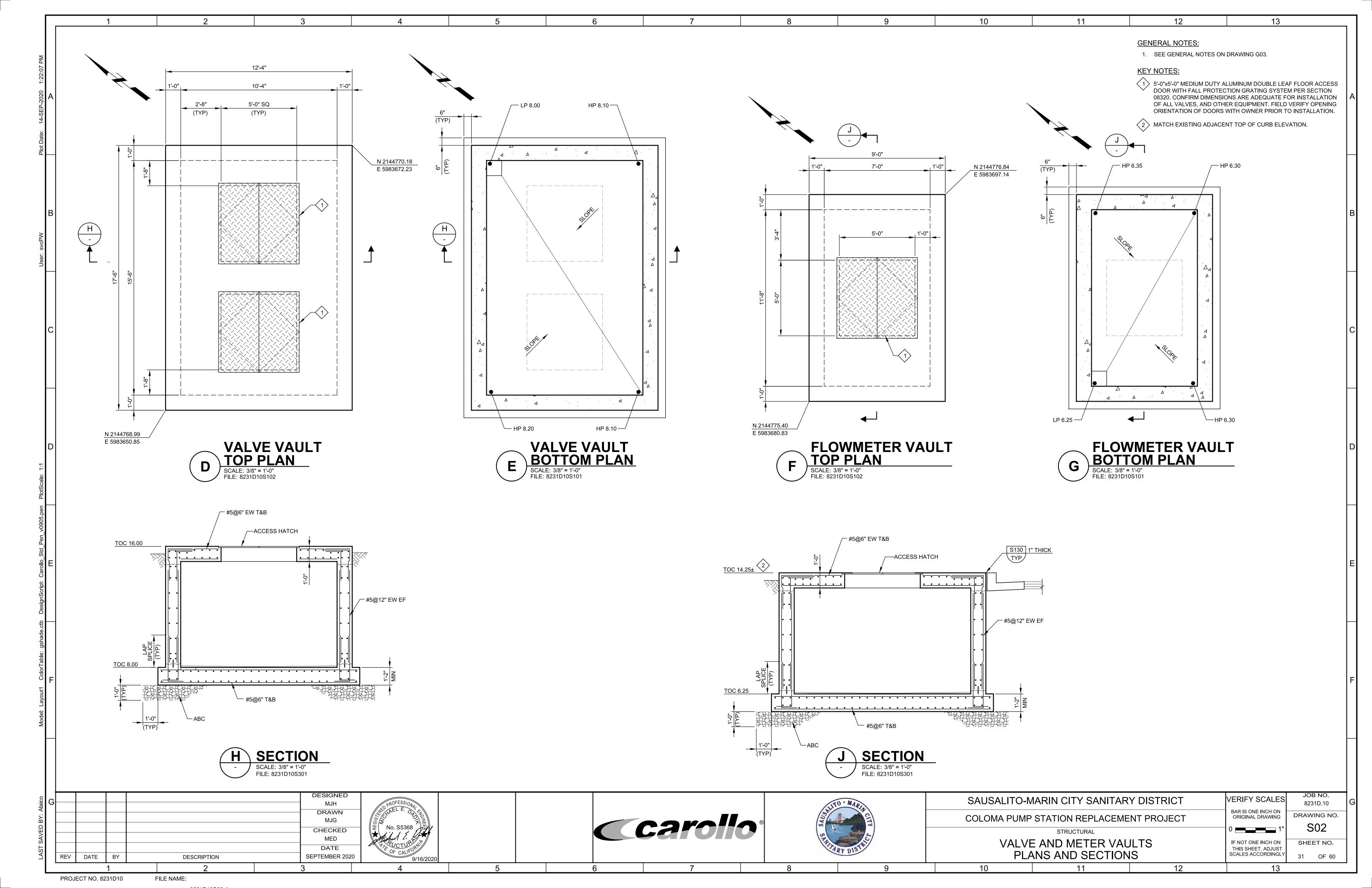


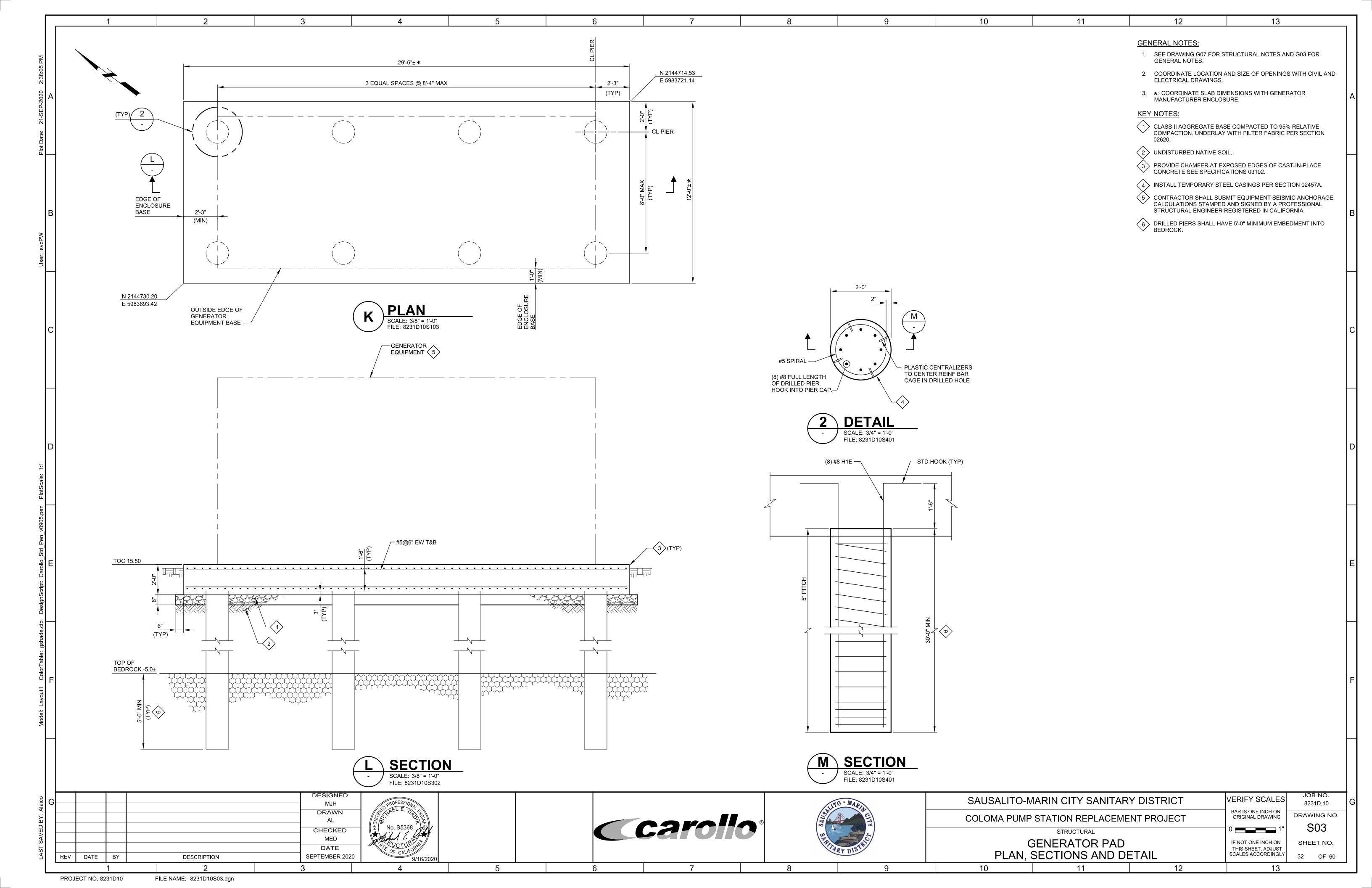


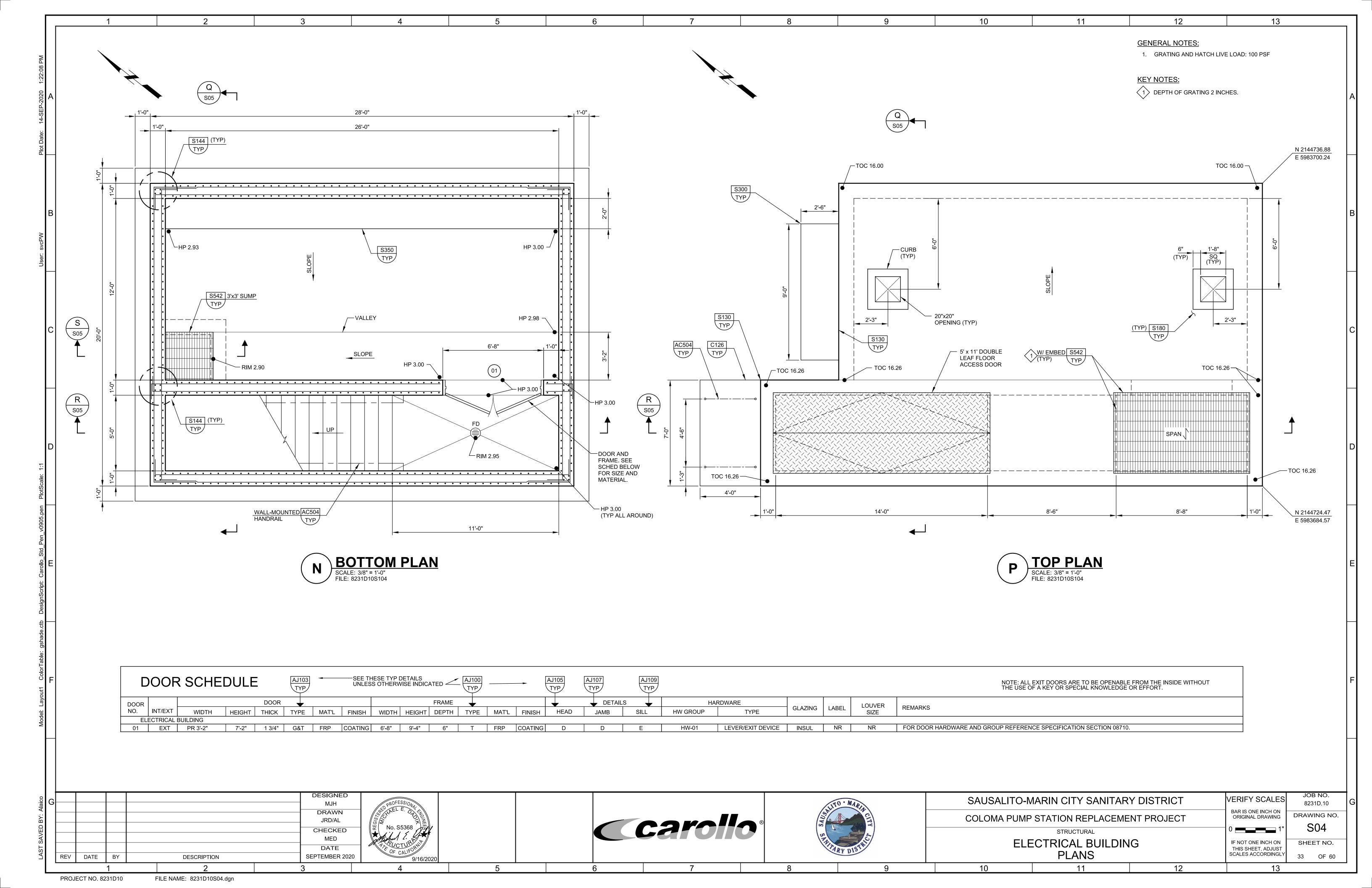


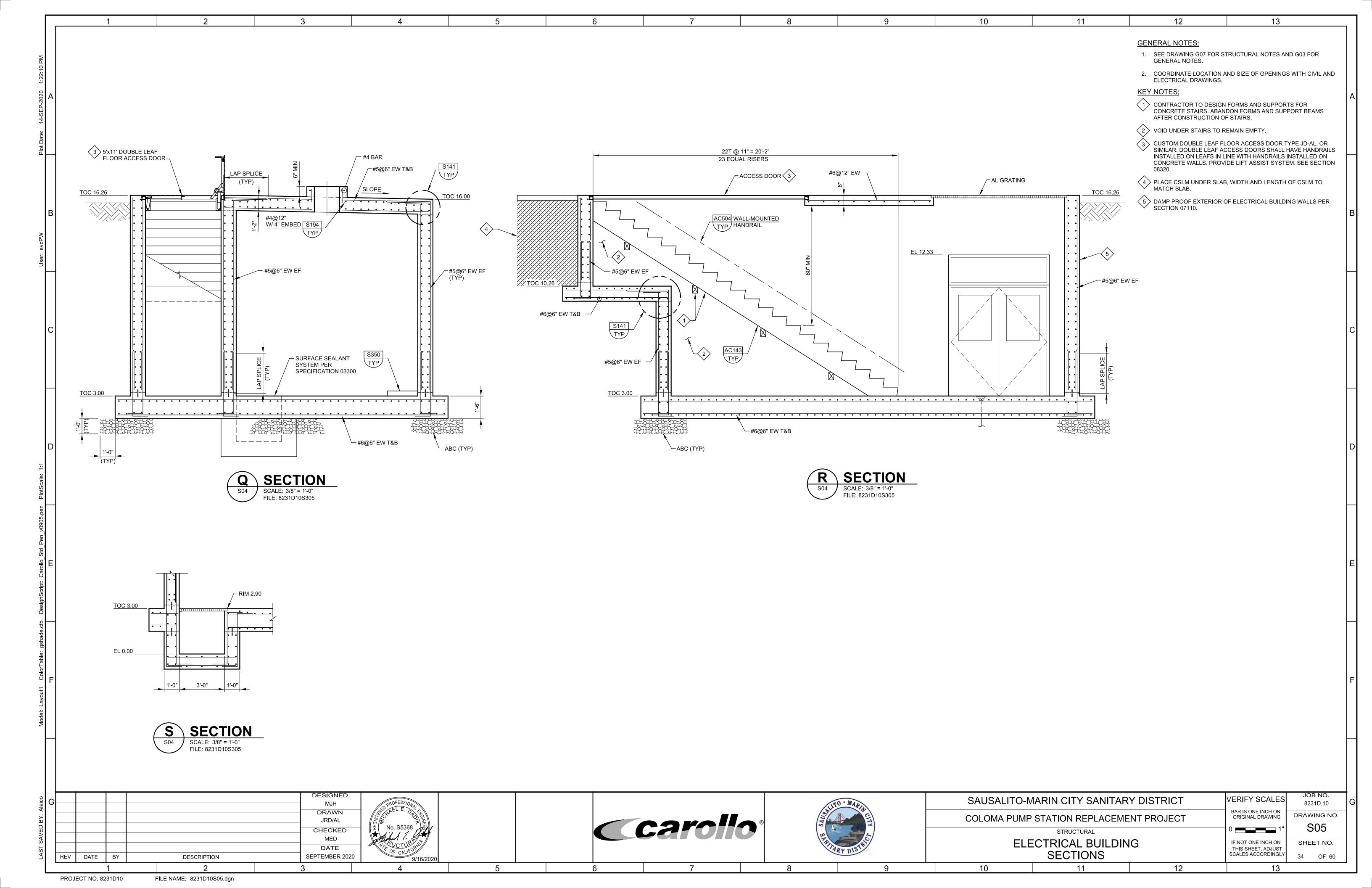


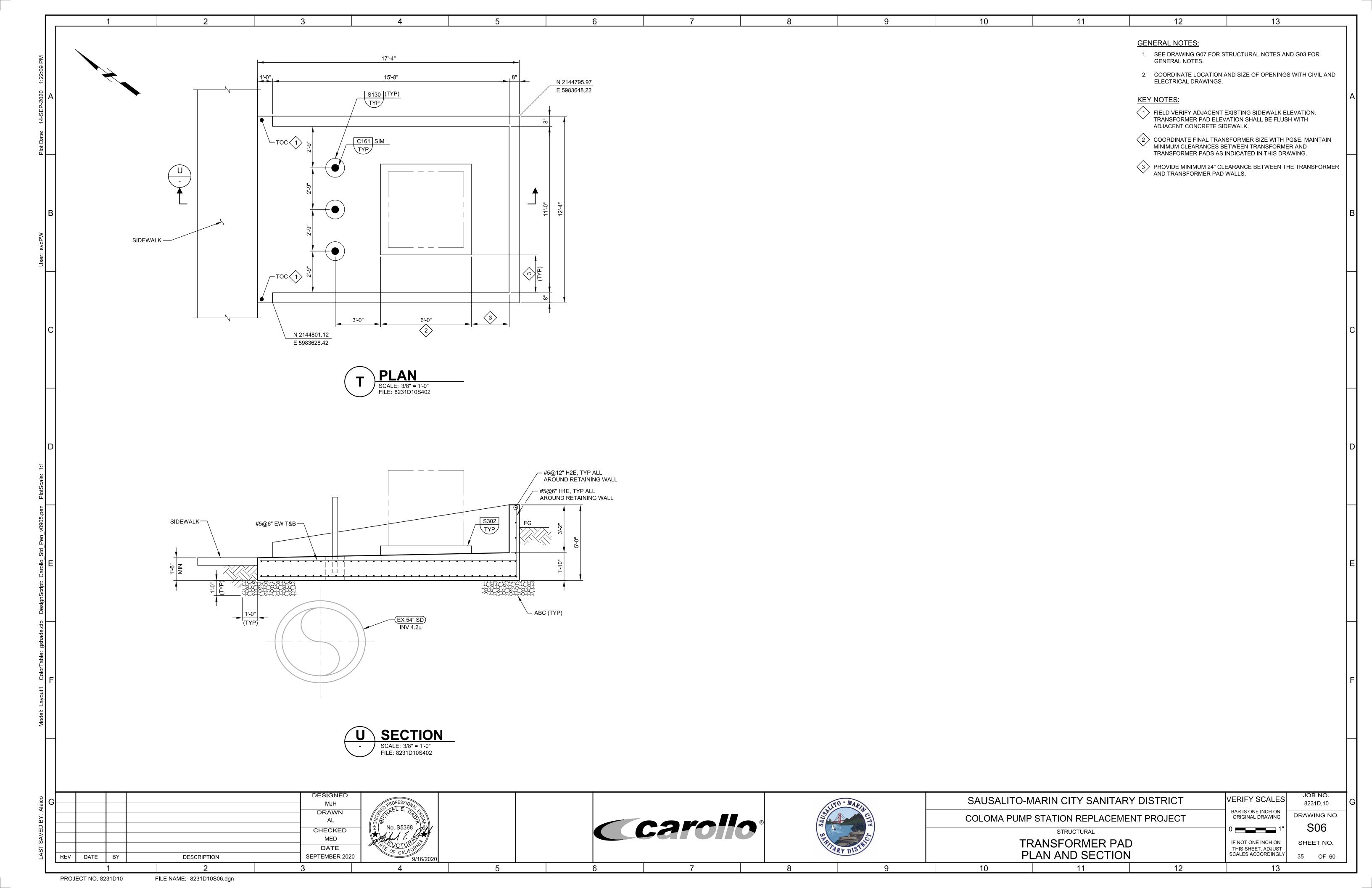


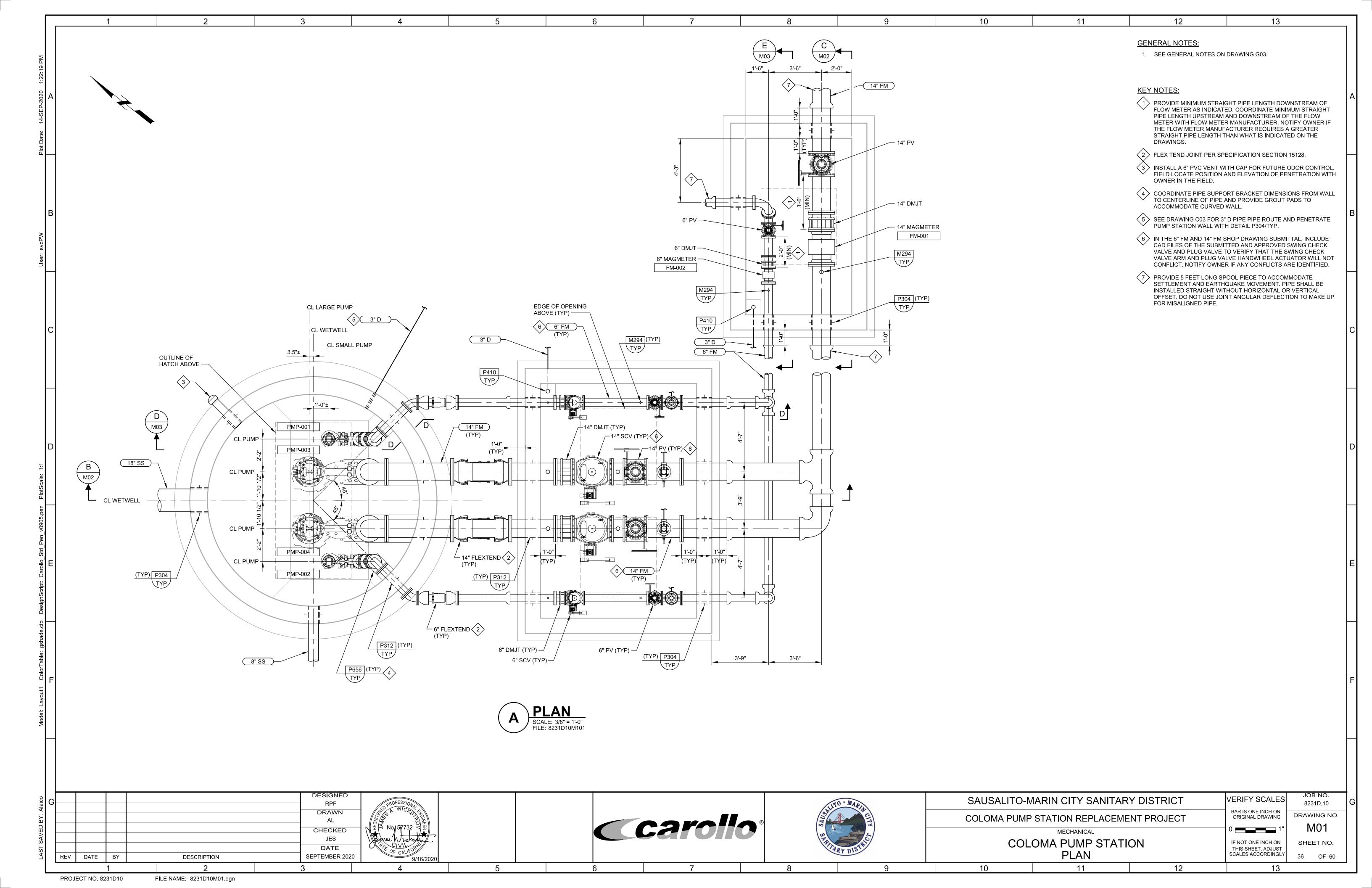


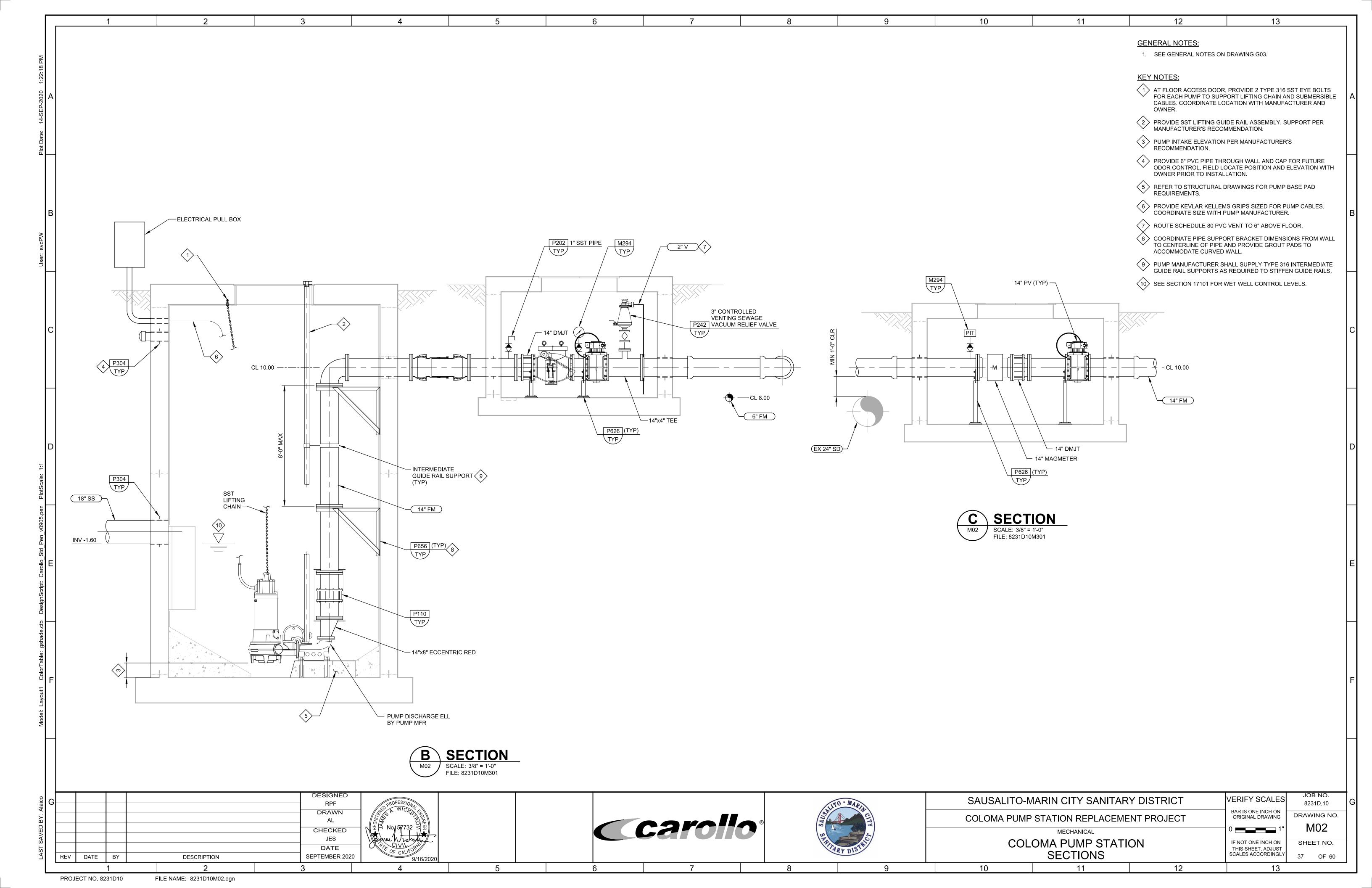


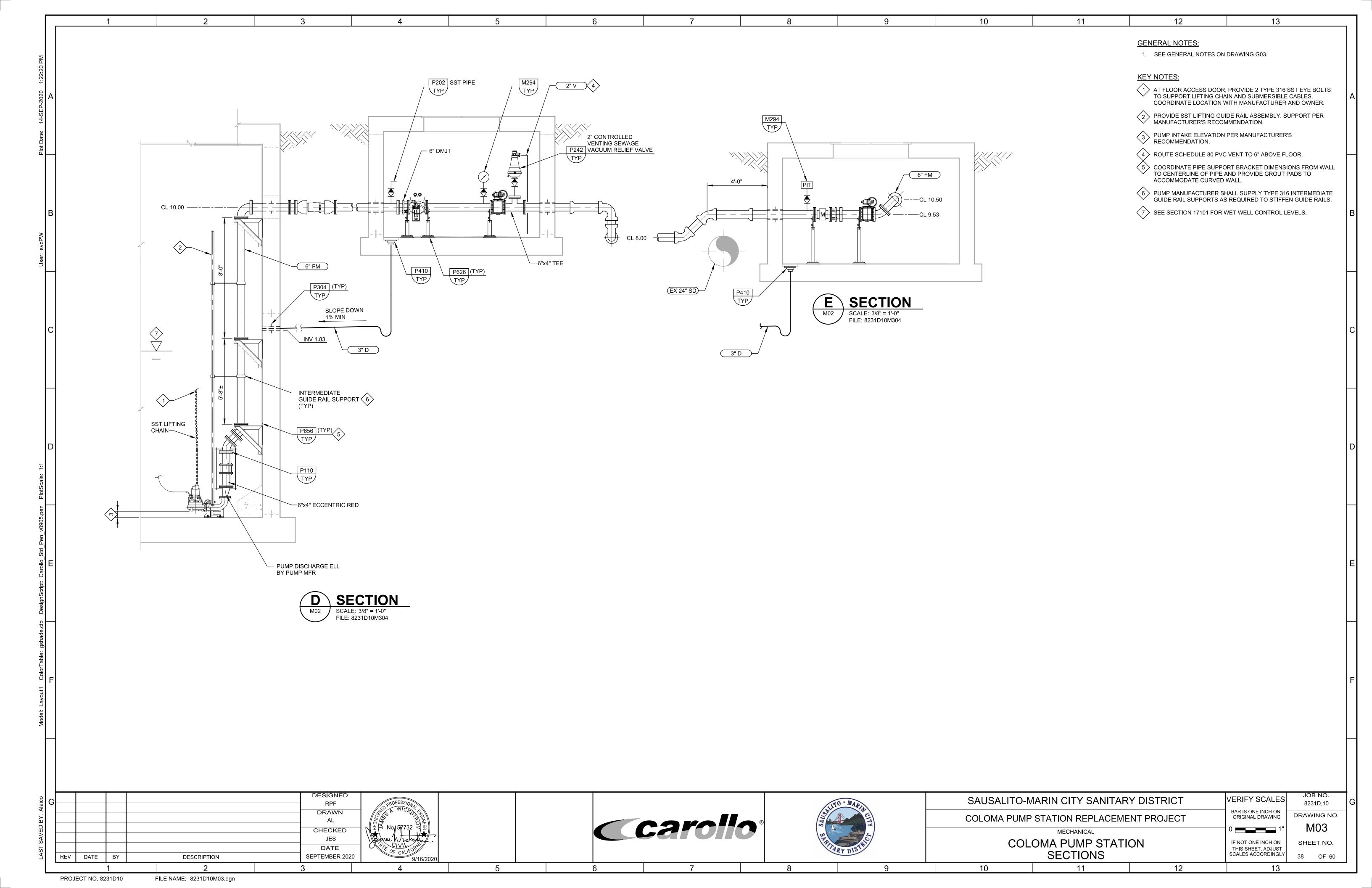


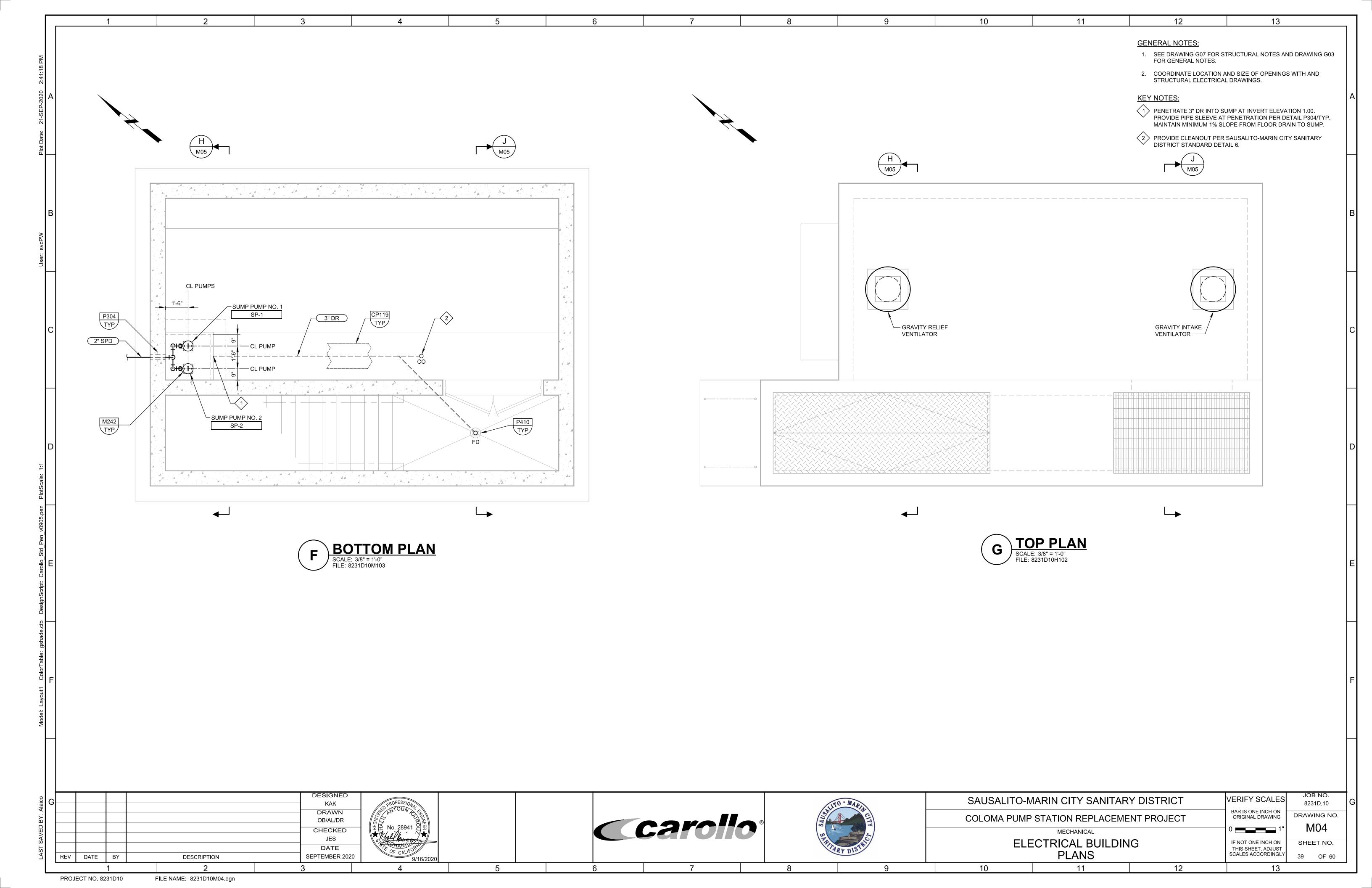


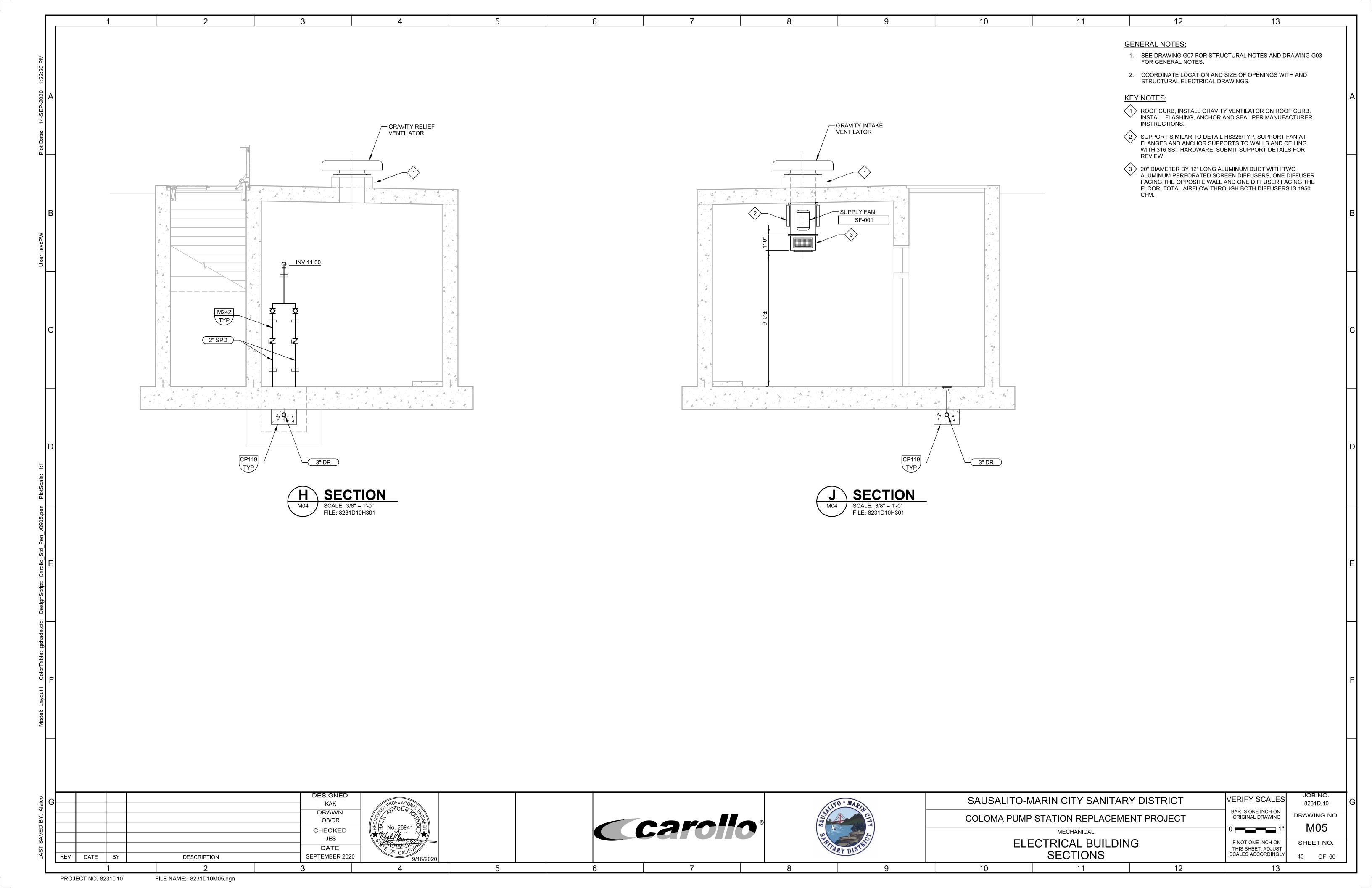


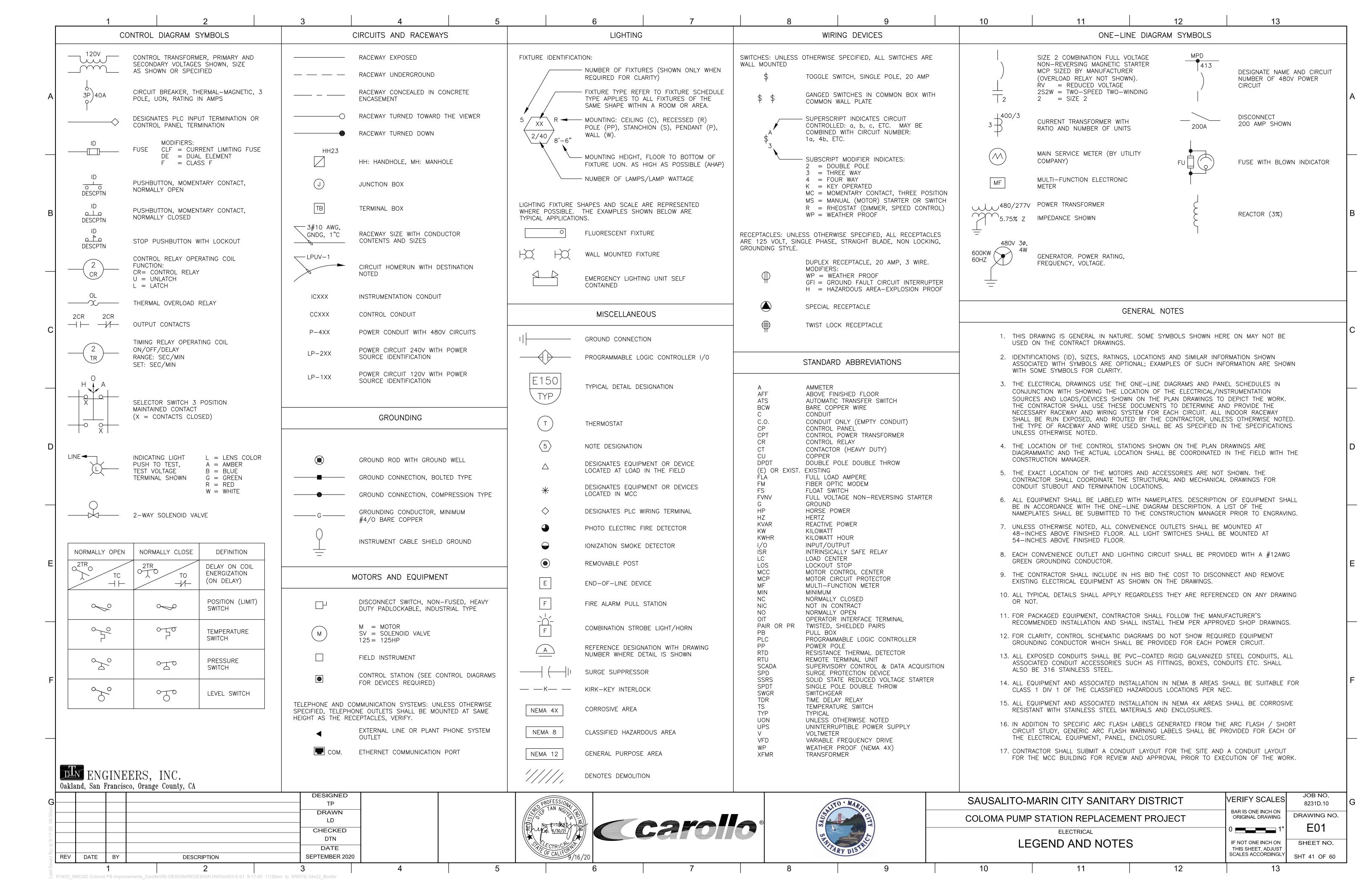


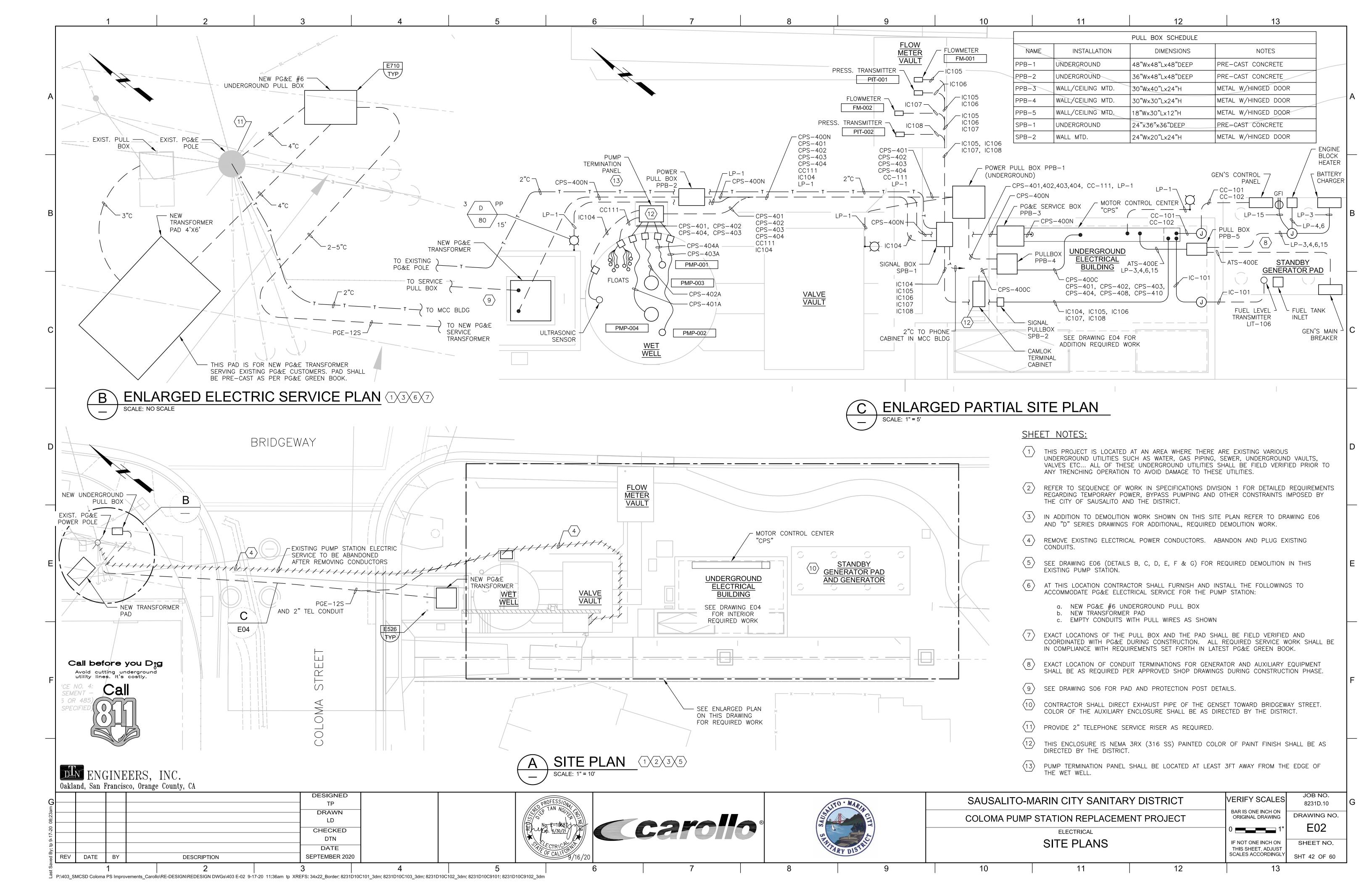


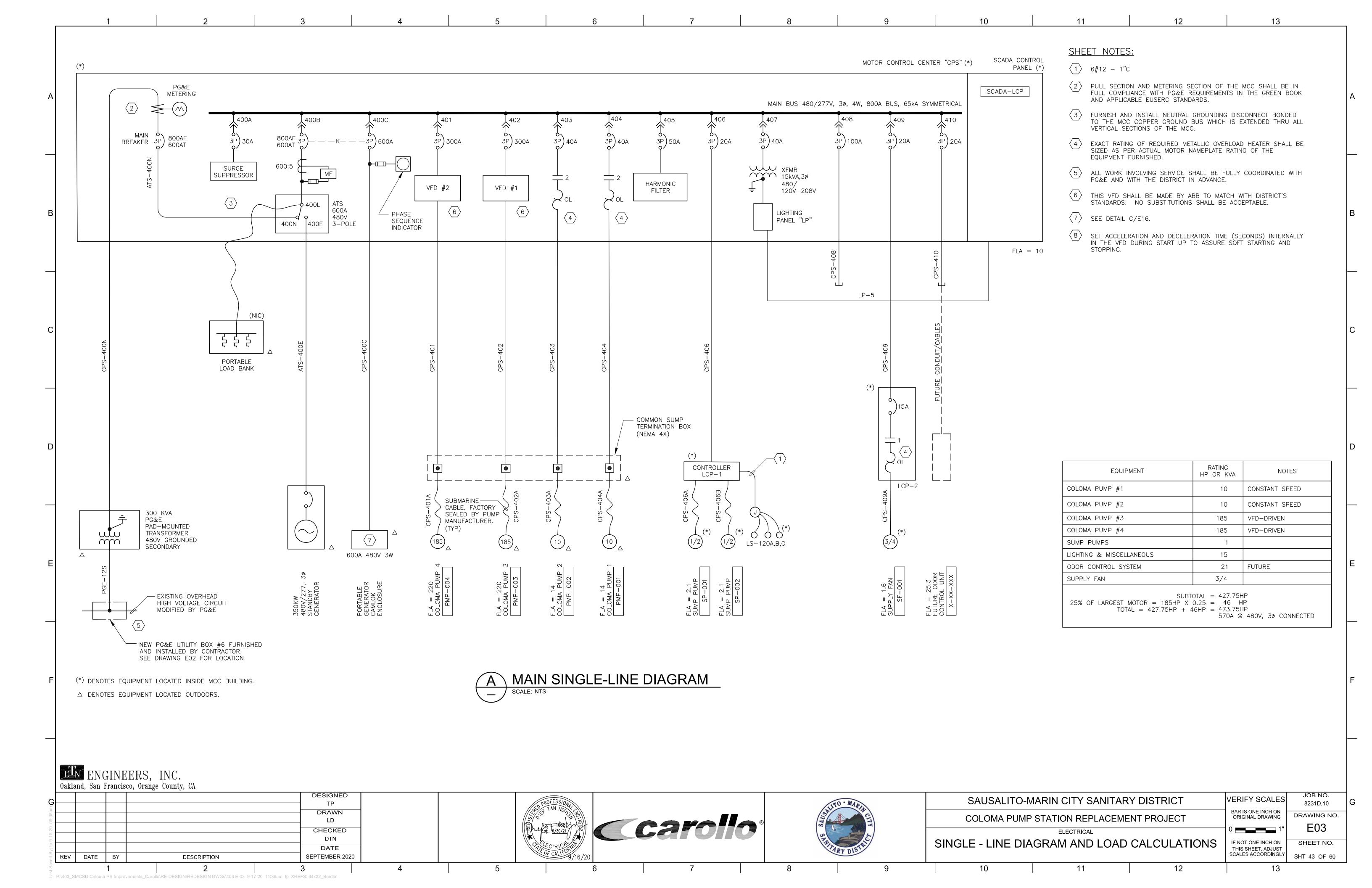


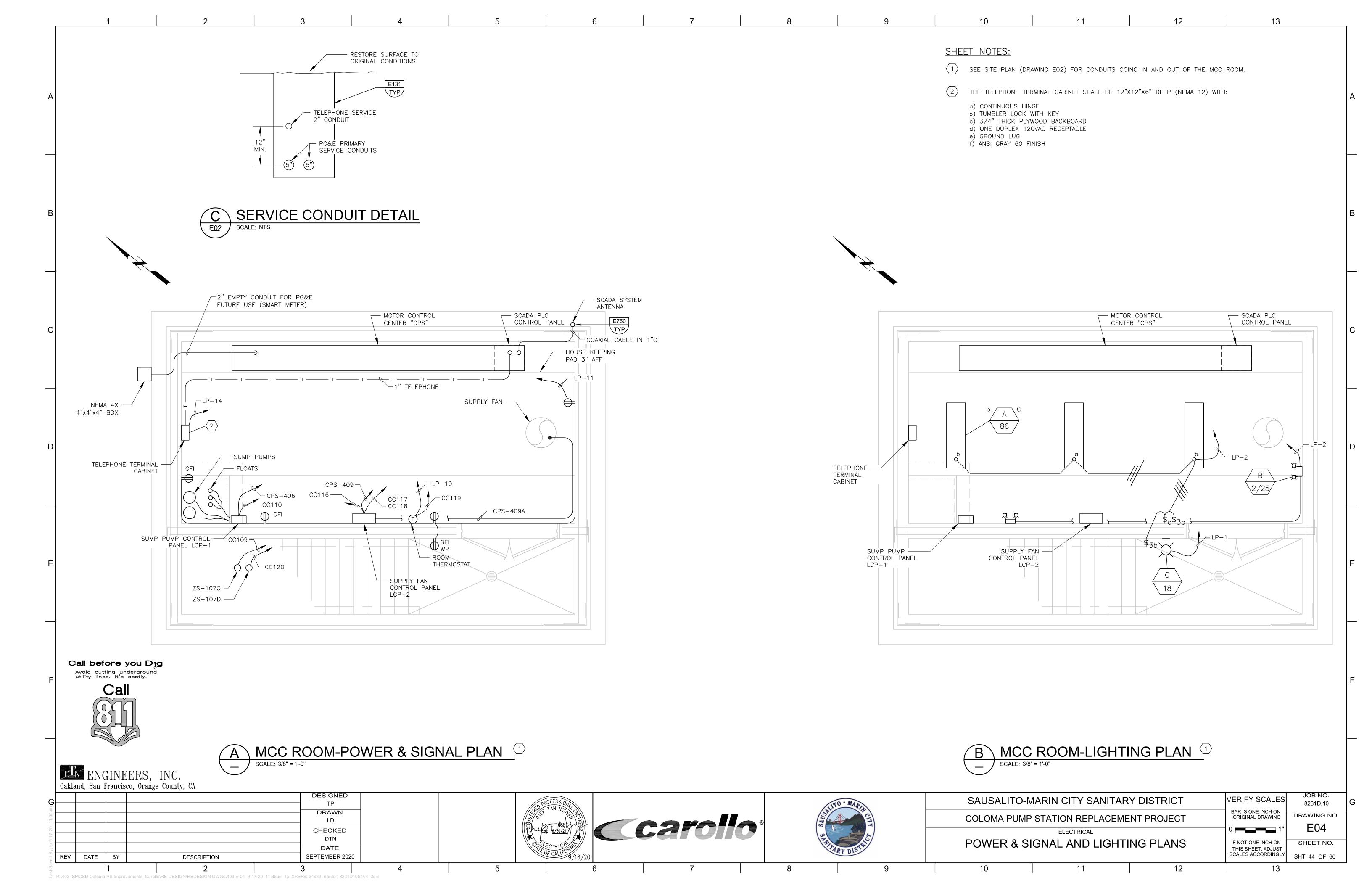


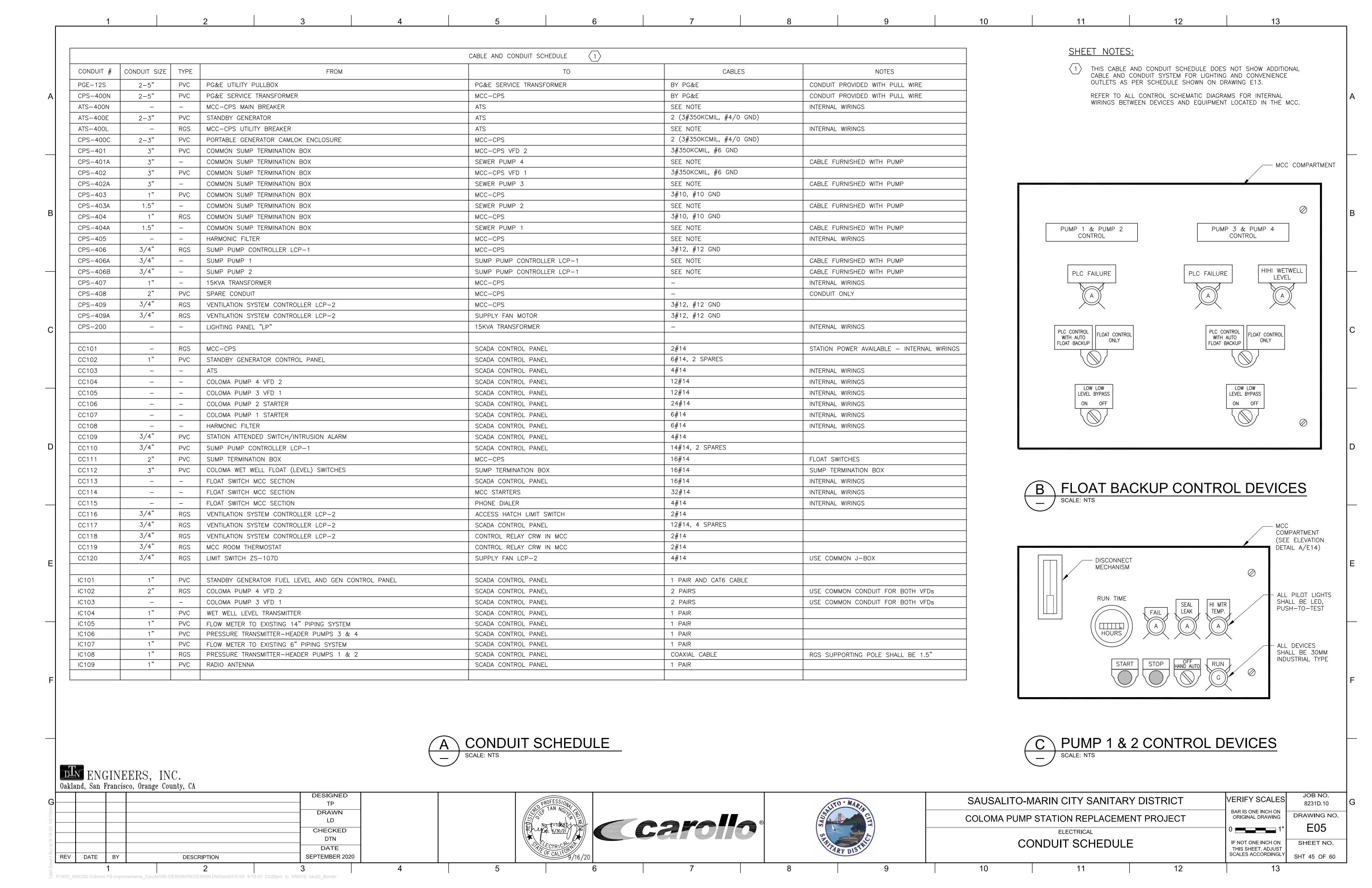


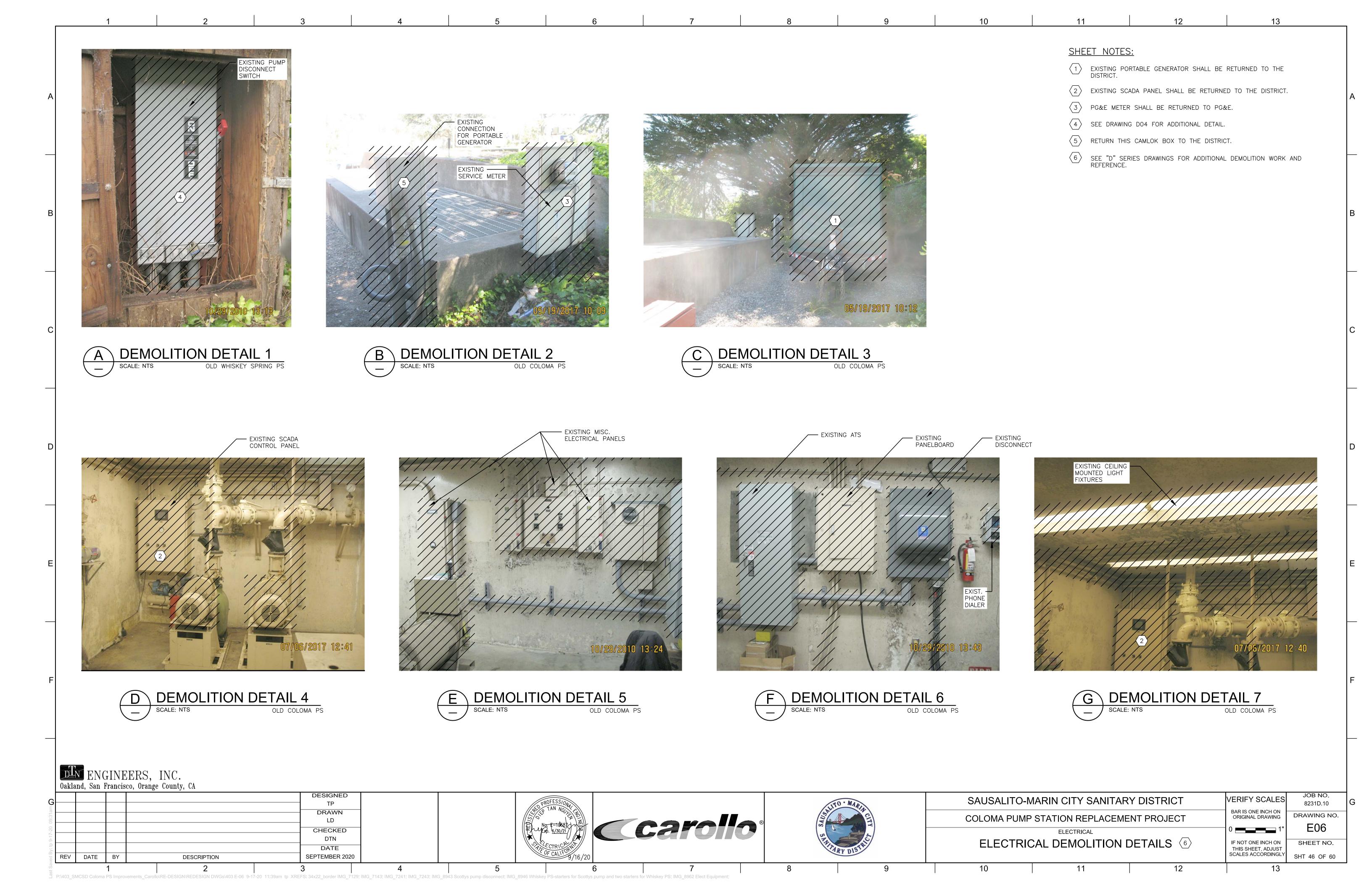


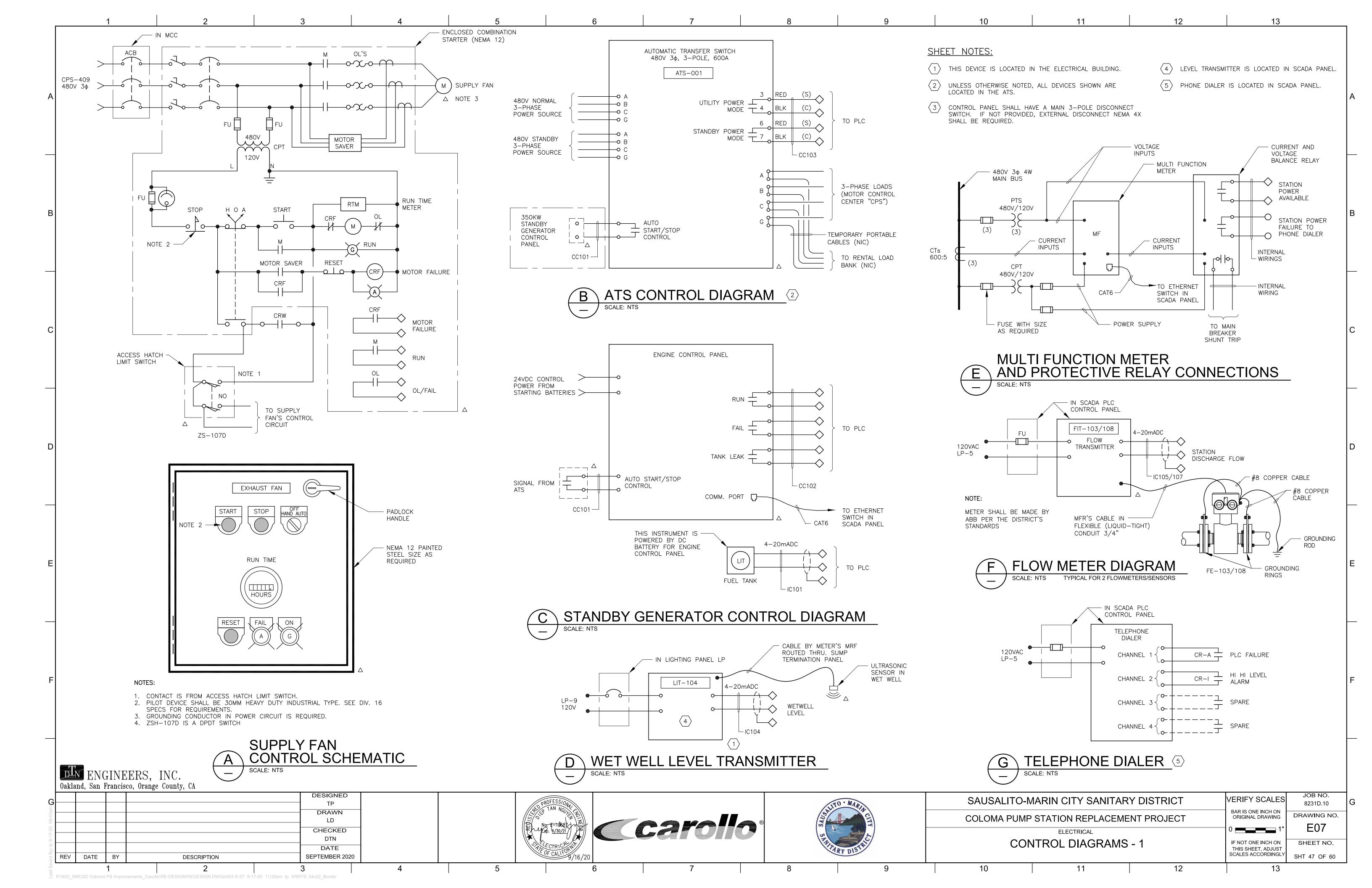


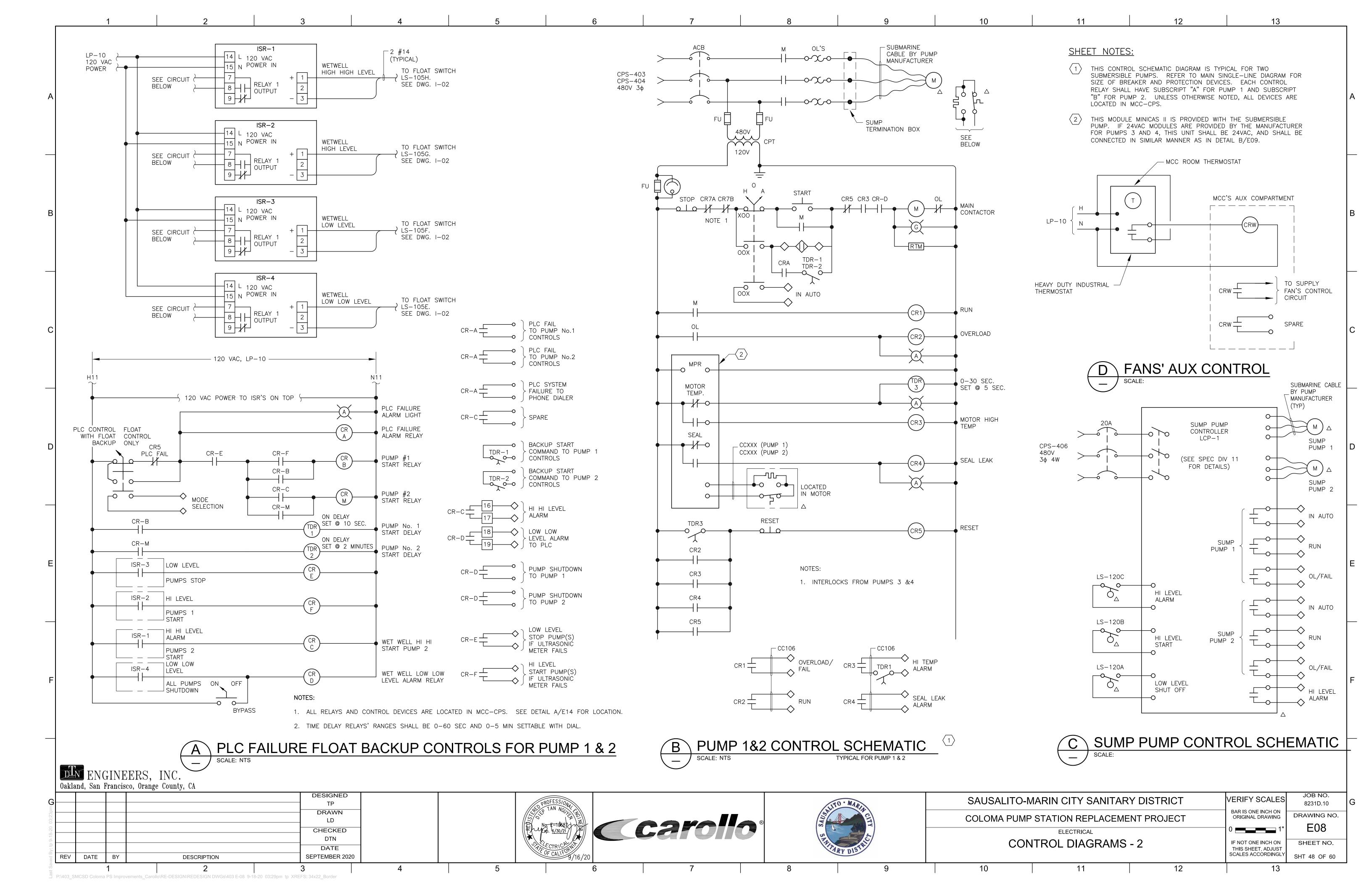


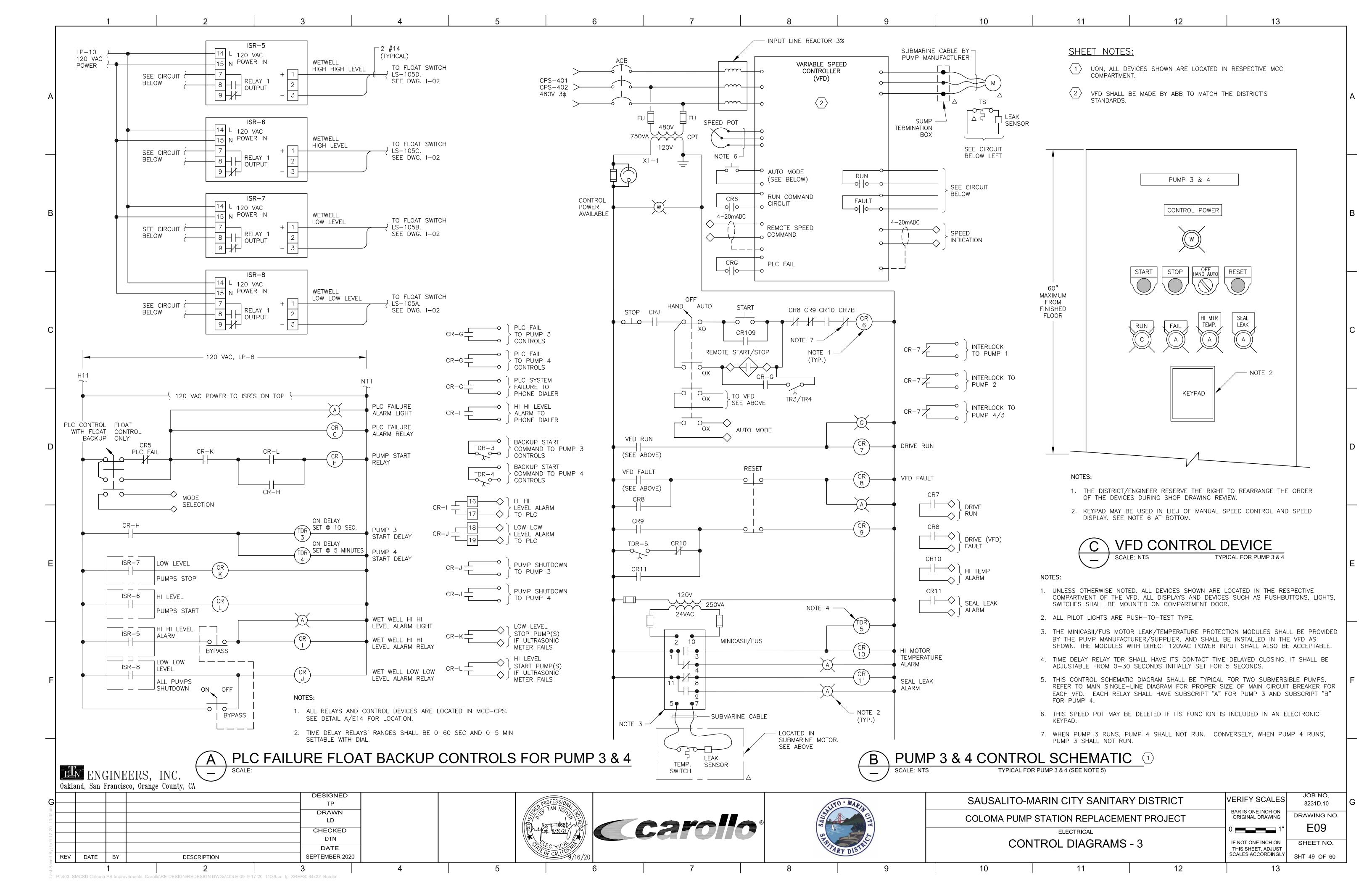


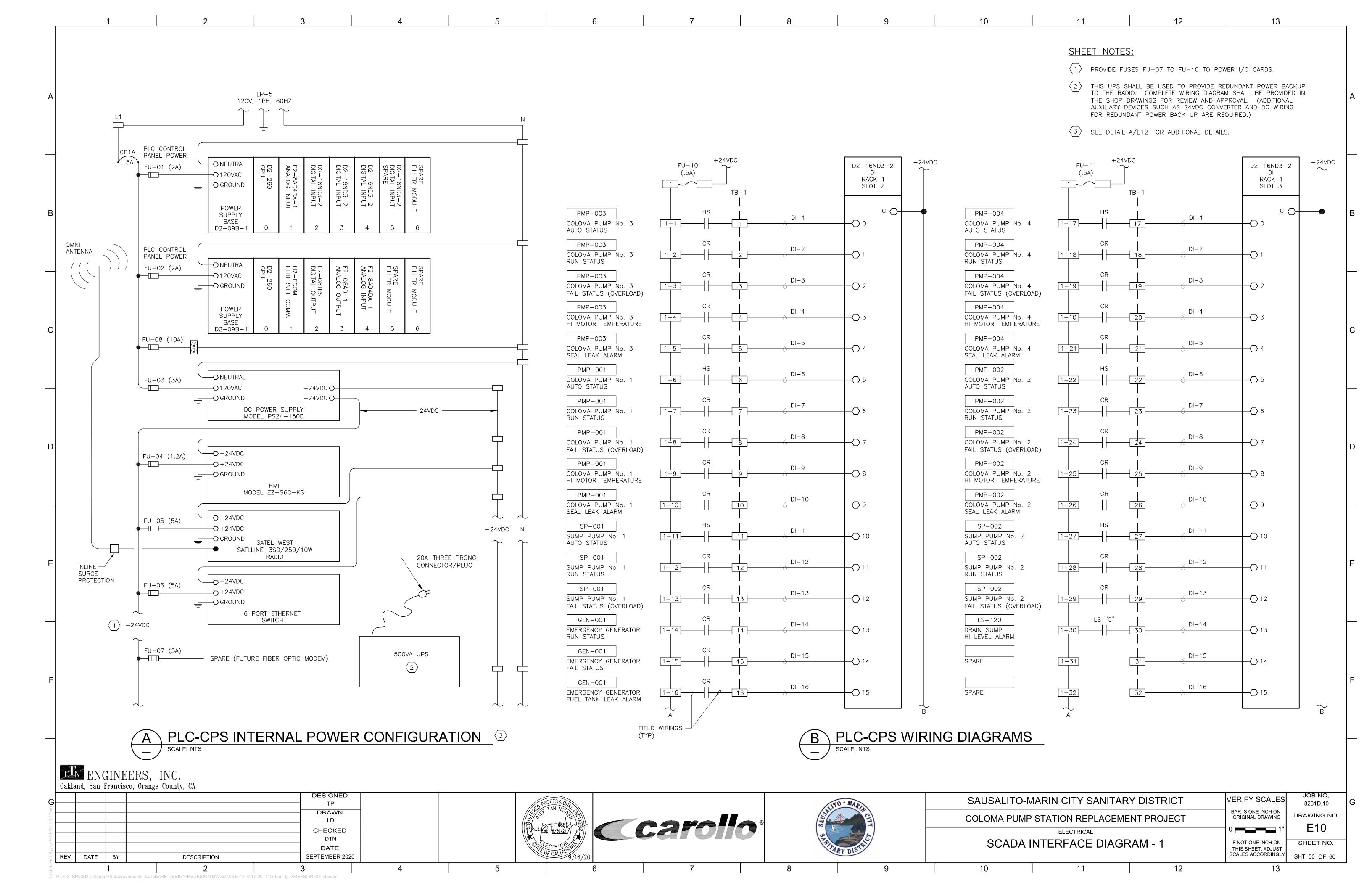


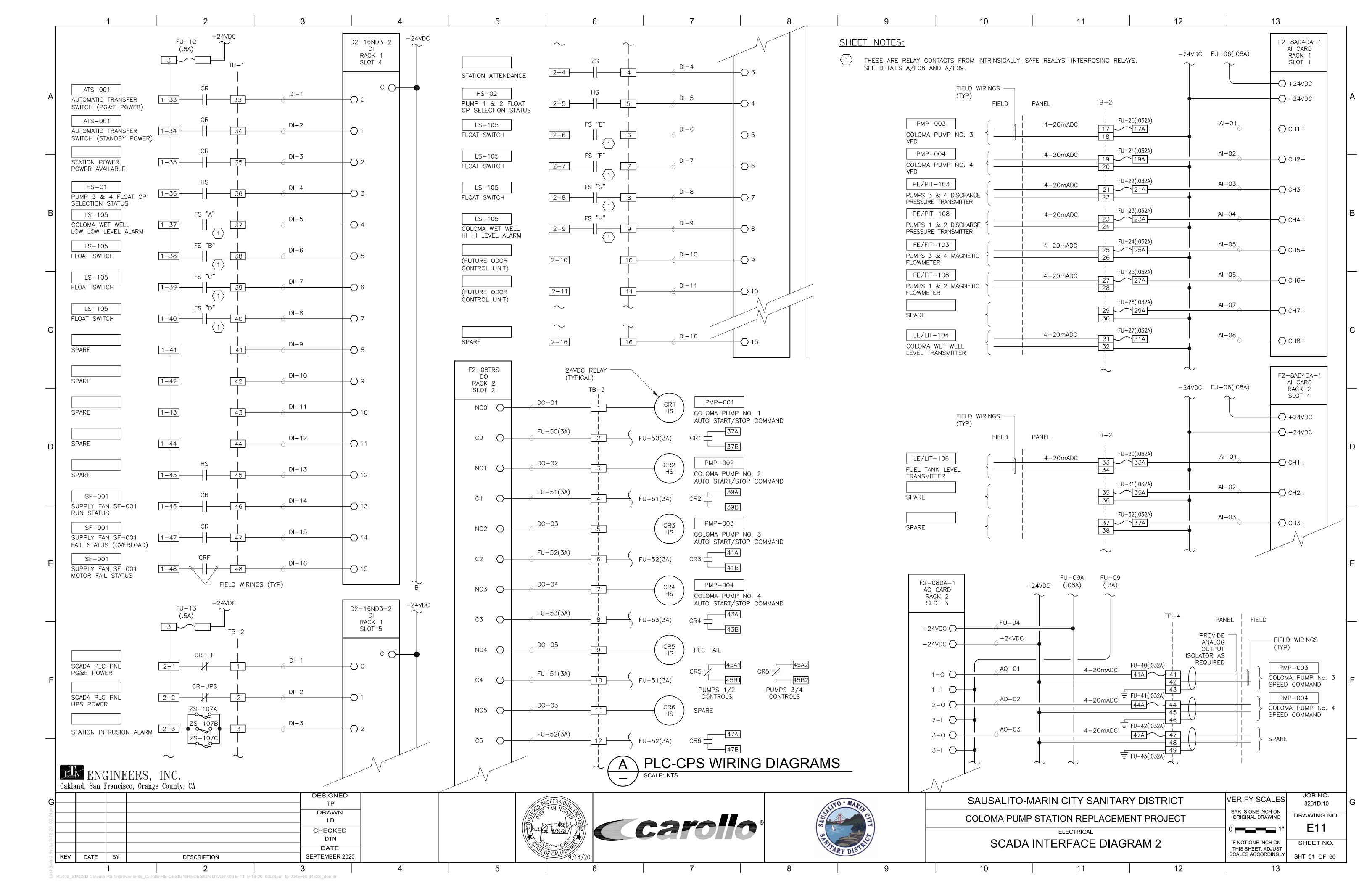


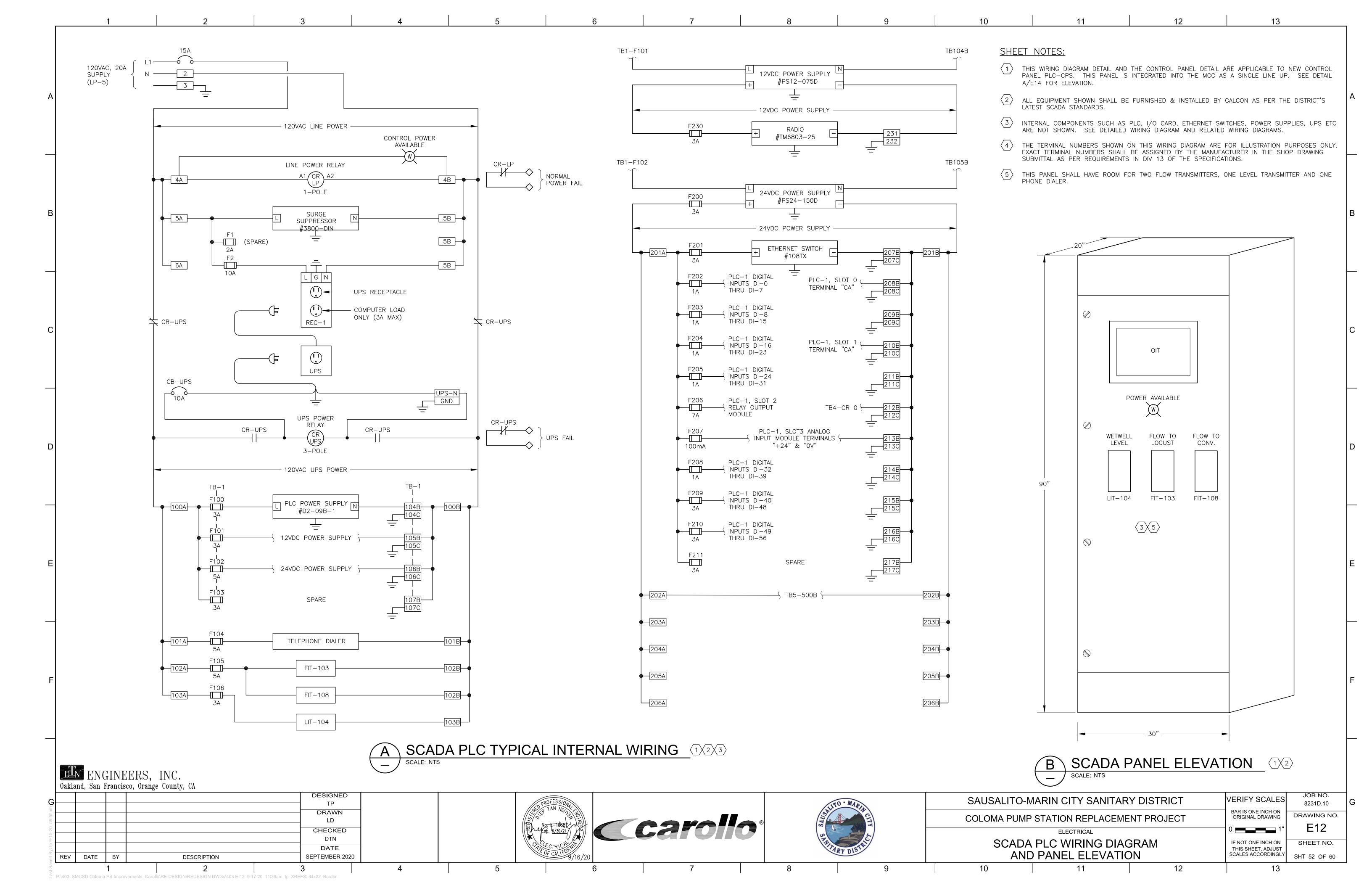












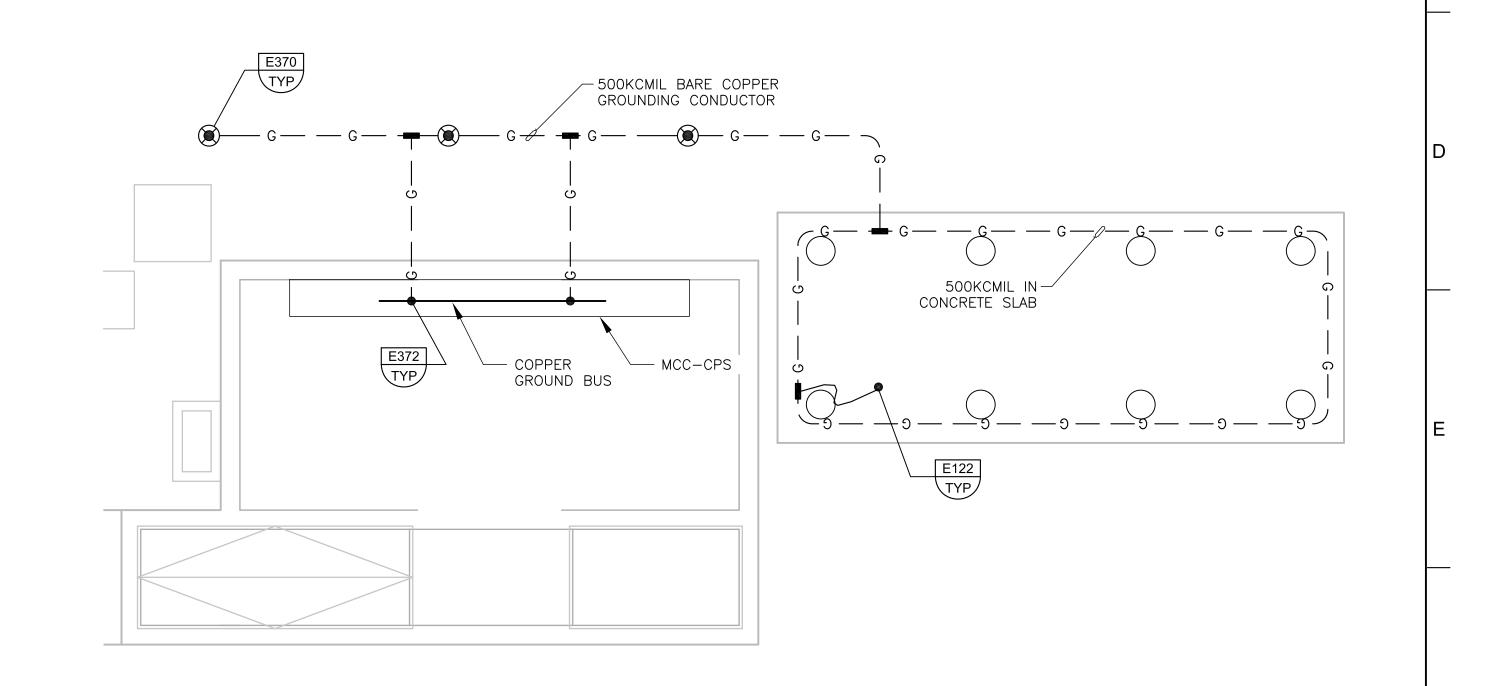
				LIGHTING FIXTURE SCHEDULE				
FIXTURE DESIGNATION	TYPE	QTY	VOLT	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMPS	MOUNTING
A 86	LED 86W	AS SHOWN	120V	PENDANT MOUNTED, WRAP AROUND, LED TYPE LIGHT FIXTURE 52" LONG, 15" WIDE WITH ACRYLIC.	LITHONIA MCGRAW EDISON	FHE-LED-7L-PCL-MVOLT EQUIVALENT	LED	CEILING MOUNTED
B 2/25	EMERGENCY BATTERY PACK	AS SHOWN	120V	BATTERY PACK WITH NICAD BATTERY, CHARGER, TWO 25W SEALED BEAM HEADS ADJUSTABLE 12VDC WITH INDICATOR AND TEST PUSH BUTTON.	HOLOPHANE SIMKAR	DM6-N-50-7-NS-2-NA SHDEM-2-25W-12	SEALED BEAM TUNGSTEN	WALL/ SURFACE
C 18	LED 18W	AS SHOWN	120V	WALL MOUNTED, WATER PROOF, LED TYPE IN CAST ALUMINUM HOUSING, DARK BRONZE FINISH, BUILT—IN PHOTO CELL CONTROL, 2100 LUMENS	LITHONIA HOLOPHANE	TWS-LED-P1-50K-MVOLT-PE- DDB-M4 EQUIVALENT	LED	WALL MOUNTED
D 80	LED 80W	AS SHOWN	120V	POLE MOUNTED, LED, ROADWAY TYPE LED, 10 YR. WARRANTY, 15' ALUMINUM STRAIGHT POLE WITH PROVISION FOR AN OUTDOOR CONVENIENCE OUTLET, POLE TO WITHSTAND 100 MPH WIND. FIXTURE IS DARK SKY FRIENDLY.	CREE APPROVED EQUAL	RSWM-A-HT-3ME-9L-30K8-UL -BZ APPROVED EQUAL	LED	15' STRAIGHT ALUMINUM POLE

SHEET NOTES:

- EACH CIRCUIT SHOWN SHALL BE PROVIDED WITH A GREEN, GROUNDING CONDUCTOR IN EACH 3/4" OR 1" CONDUIT. PROVIDE PANELBOARD WITH INSIDE POCKET TO HOLD TYPED CIRCUIT DIRECTORY.
  - 2 FOR PVC CONDUITS, MINIMUM CONDUIT SIZE SHALL BE 1".



PANEL LP			VOLTAGE/PHASE		120/	208	3V - 3¢	<u> </u>	W	_		POLES	3	MTG. SURFACE
LOCATION IN MCC "CPS"			MAIN LUGS	50A				BUS	10	00A		PANEL E	BREAKER	BOLT-ON
	VOLT	AGE/AMF					S/N			WIRE	VOLT	AGE/AMF	PERE	
LOAD DESCRIPTION	ØΑ	ØΒ	øC CONDU		CKT		АВС	CKT.	TRIP	(*) CONDUIT	ØΑ	ØΒ	øС	LOAD DESCRIPTION
SITE LIGHTING	180		#10	20	1	T		2	20	#12	180			BUILDING LIGHTING
BATTERY CHARGER				20	3		++	4	30/	#10		1000		GENERATOR
SCADA CONTROL PANEL, PHONE DIALER			1000 #12	20	5		-	6		#10			1000	JACKET HEATER
SPARE				20	7	<b>~</b>		- 8	20	#12	200			COLOMA FLOAT BACKUP CONTROLS
SPARE				20	9		+	10	20	#12		180		MCC ROOM THERMOSTAT
BLDG INDOOR OUTLETS			200 #12	20	11		-	12	20	#12			180	BLDG OUTDOOR OUTLETS (GFI)
SPARE	180		#12	20	13	<b>\</b>		14	20	#12				TELEPHONE CABINET OUTLET
OUTDOOR OUTLET (GFI)		180	#12	20	15		++	16	20					SPARE
SPARE				20	17		-	18	20					SPARE
SPARE				20	19	1		20	20					SPARE
SPACE					21		++	22						SPACE
SPACE					23	brack		24						SPACE
SUBTOTAL	360	180	1200	•	•	•		•	•		380	1180	1180	



(\*) EACH CIRCUIT SHALL BE 2#12, #12G GND IN 3/4"C UON

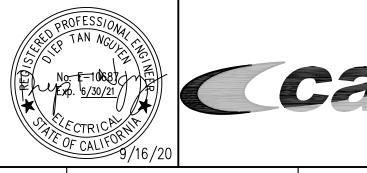






ENGINEERS, INC.
Oakland, San Francisco, Orange County, CA

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SAUSALITO-MARIN CITY SANITARY DI	STRICT
COLOMA PUMP STATION REPLACEMENT P	ROJECT
ELECTRICAL	

	IF NOT ONE INCH ON
AN	THIS SHEET, ADJUST SCALES ACCORDINGL
AN	

VERIFY SCALES

LIGHT FIXTURE SCHEDULE,
PANELBOARD SCHEDULE AND GROUDING PLA

8231D.10

DRAWING NO.

SHEET NO.

SHT 53 OF 60

