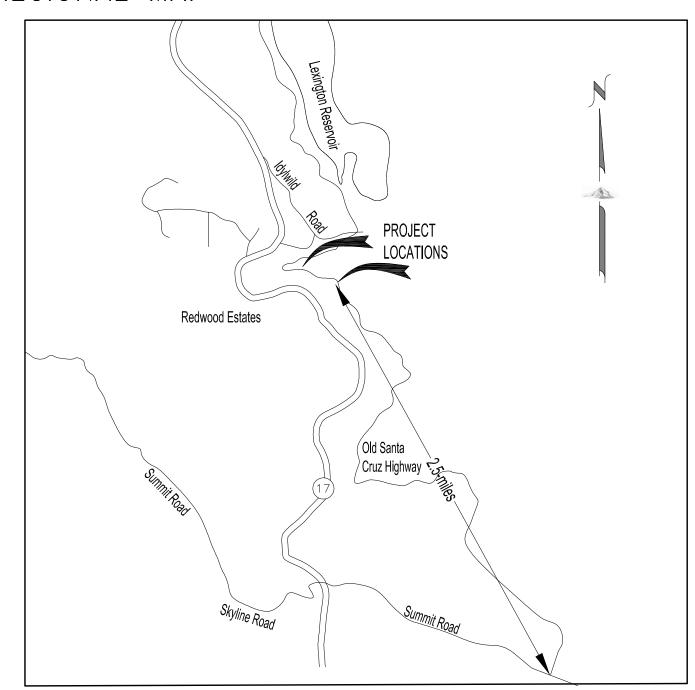
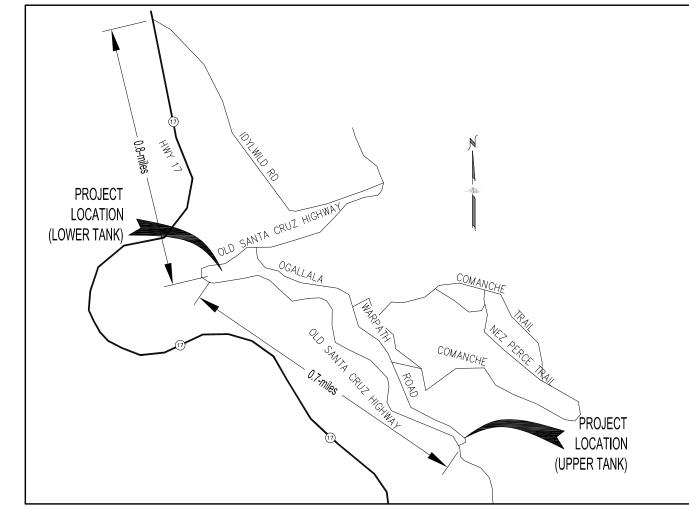
SAN MATEO PALO PALO SAN JOSE Rie 85 PROJECT LOCATION Pacific SANTA CRUZ Ocean

REGIONAL MAP



VICINITY MAP



CHEMEKETA PARK MUTUAL WATER COMPANY

CHEMEKETA PARK WATER STORAGE
AND
DROUGHT RELIEF PROJECT

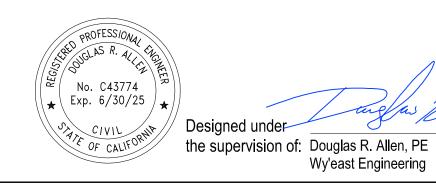
Department of Water Resources Agreement No. 4600014993

Funding by California Department of Water Resources under the Small Community Drought Relief Program

Lower Tank – 18000 Ogallala Warpath Road Parcel subject to Application Request Upper Tank – 17680 Ogallala Warpath Road Included for Reference Only



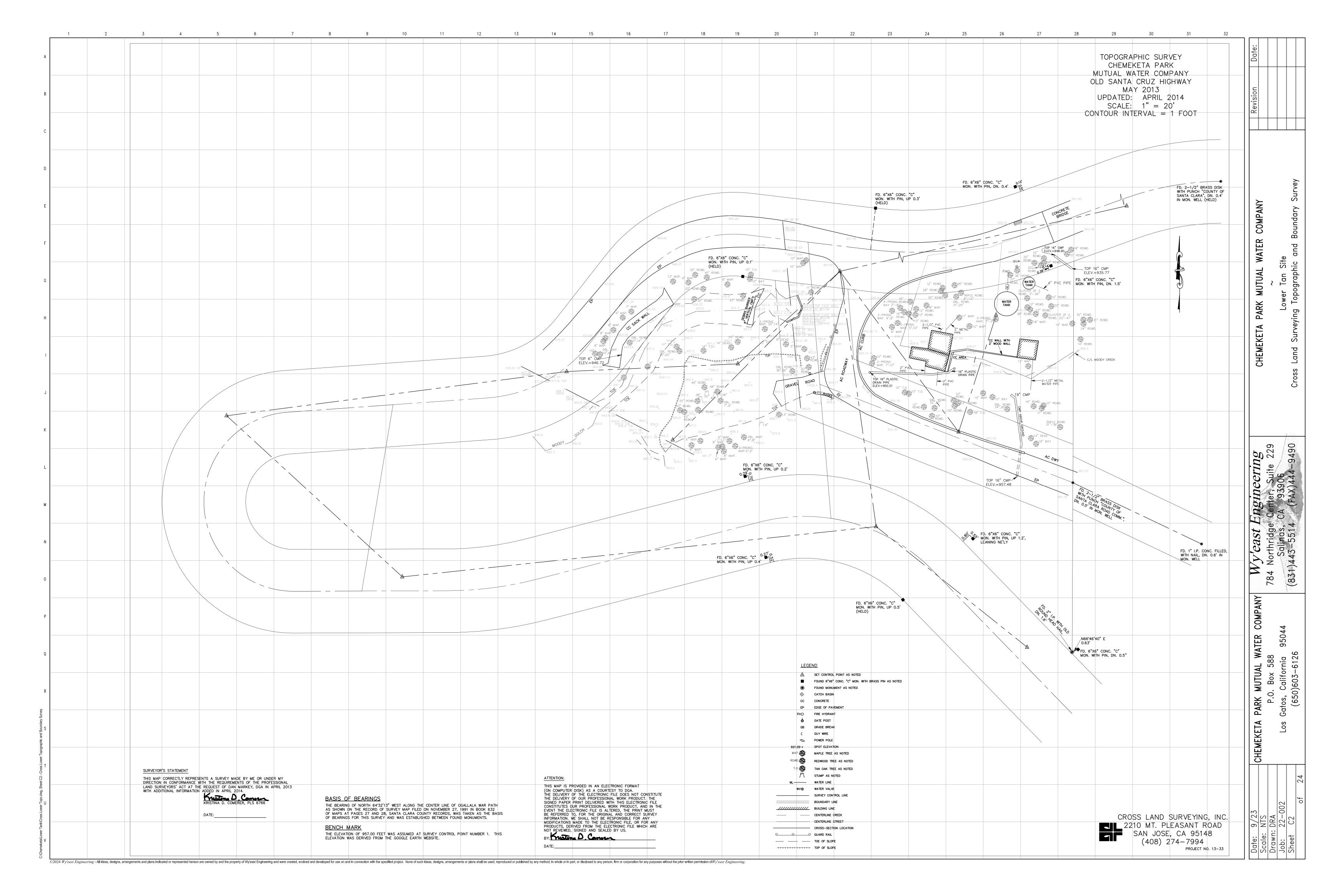
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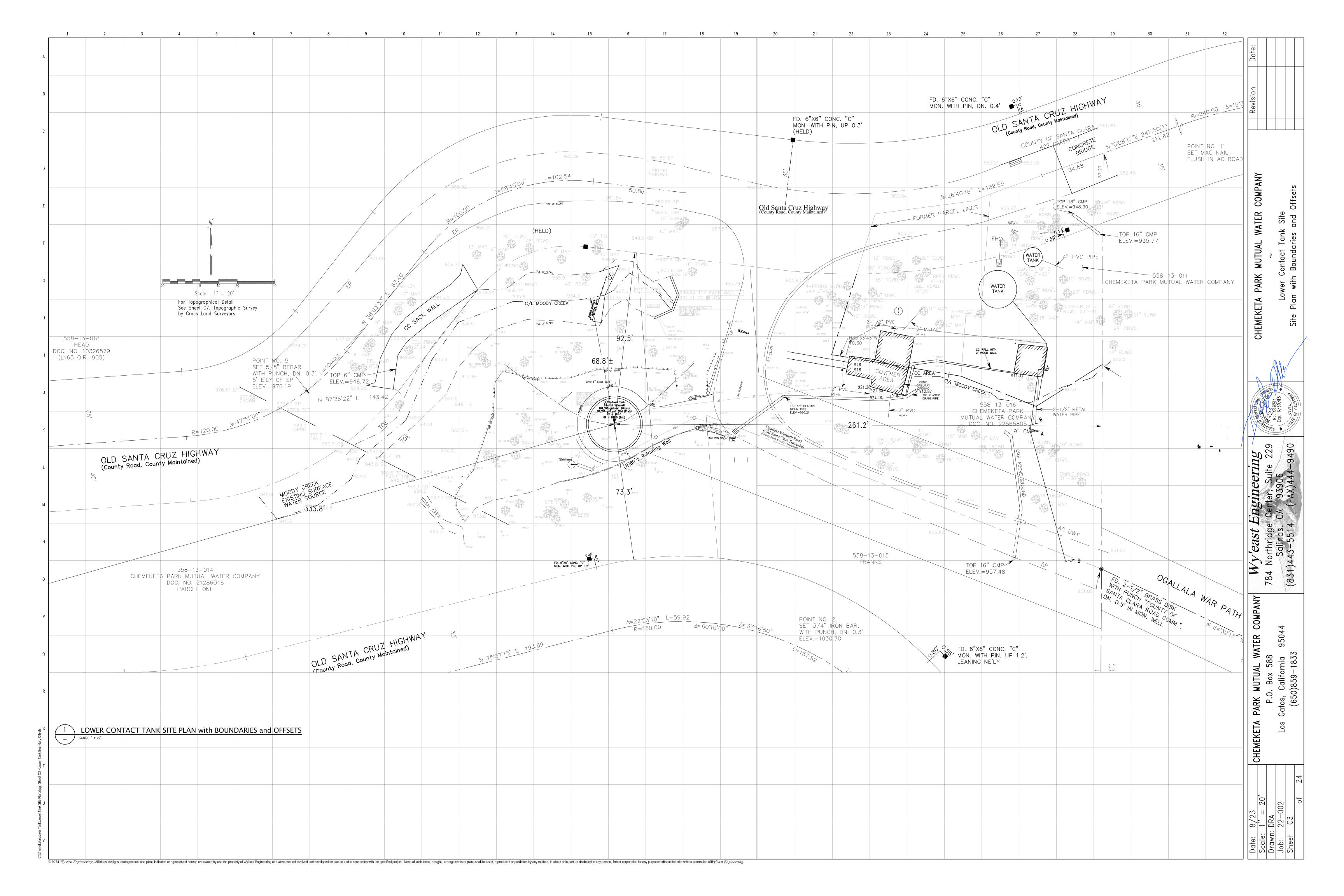


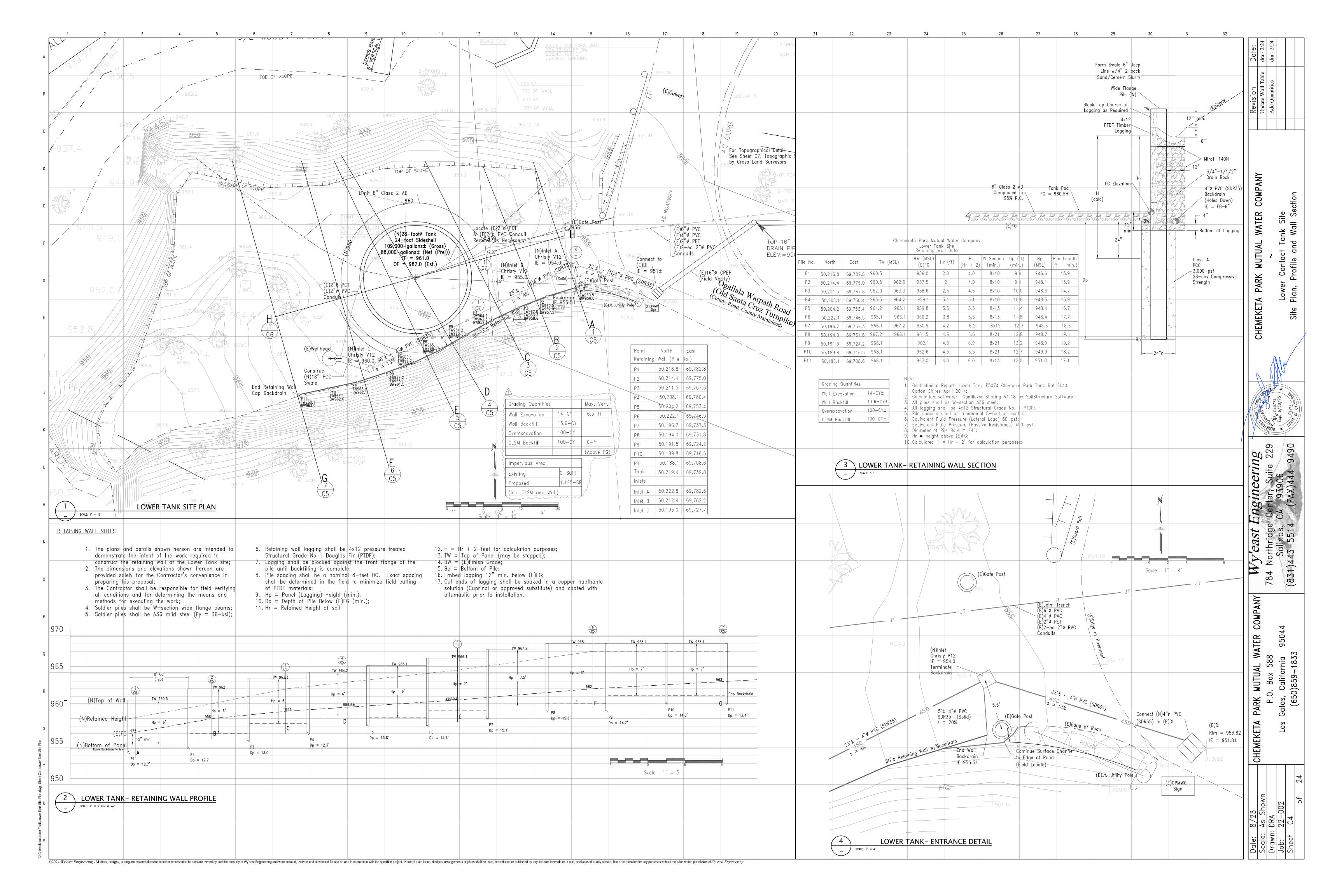
neketa\Sheet 0 Cover Sheet 2000.dwg, Sheet 0 - C

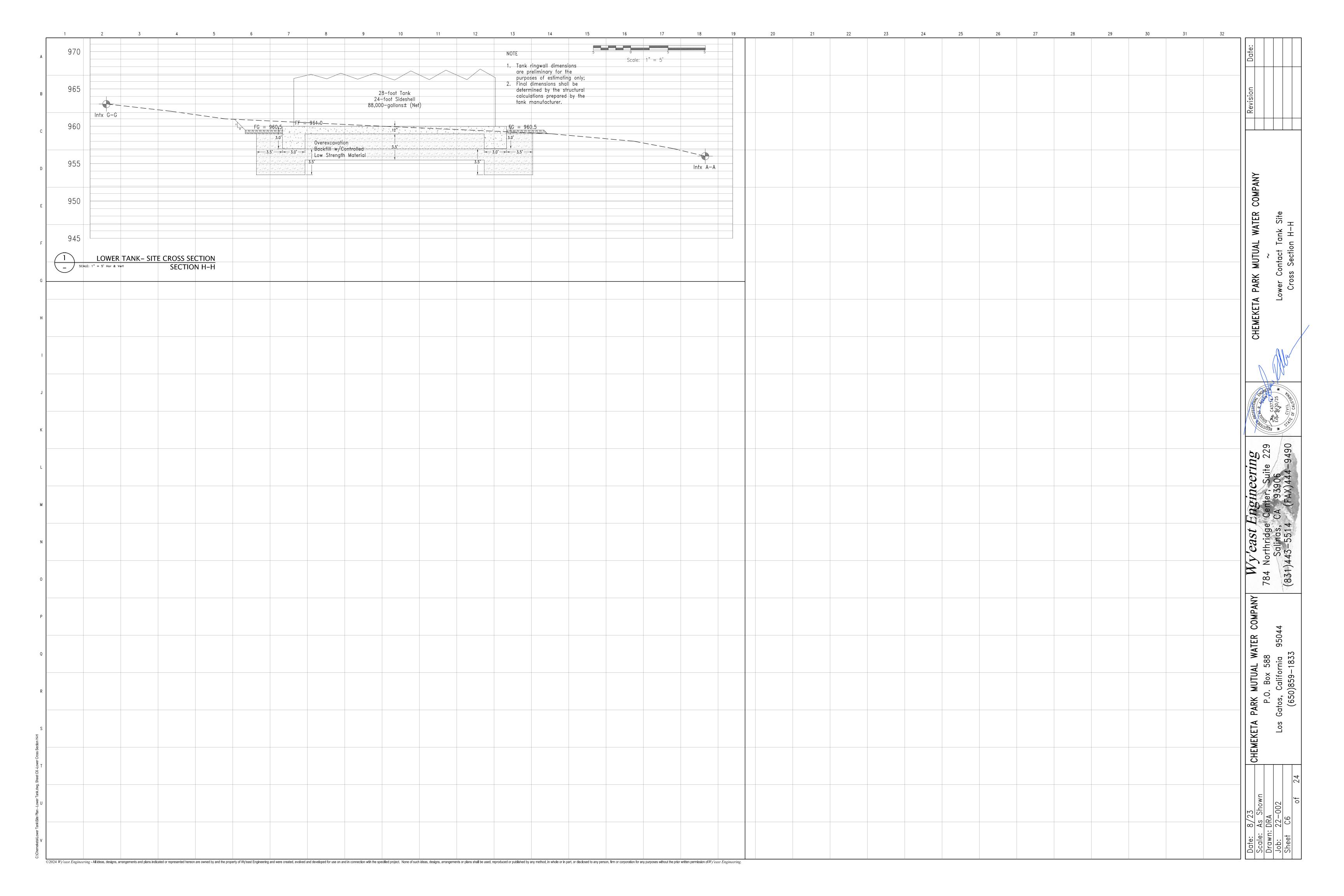
<u>Chemeketa Park Mutual Water Company</u> CROSS SURVEYORS LEGEND LEGEND Chemeketa Park Mutual Water Company Potable Water Storage Tank Replacement Project SET MAG NAIL, UNLESS OTHERWISE NOTED Upper Storage Tank Replacement <u>General Notes (2024)</u> Electric Power Order of Work FD. MAG NAIL, UNLESS OTHERWISE NOTED 1. All work herein shall be in accordance with Chapter 16, Title 22 of the California Code of Signal FD. MONUMENT AS NOTED Regulations (California Waterworks Standards (CWS)), Santa Clara County Department of Planning Chlorine 1 PROPERTY OWNERSHIP PARCEL ID and Building, the standards of the American Waterworks Association (AWWA), the California Electrical Code The Contractor shall be responsible for determining the specific order of work pursuant to Section 1—06.06, Schedule of the Standard CC CONCRETE Specifications; (CEC), the California Building (CBC), the California Plumbing Code (CPC), the Wy'east Joint Trench < (E)2-ea 2"ø PVC CONCRETE RETAINING WALL SUPPORT PILLAR Engineering Standard Specifications and Standard Plans (Wy'east Standards) and these Conduits The Contractor is hereby advised of certain considerations that must be addressed in his scheduling and order of work: SIZE RANGES FROM 14" DIA. TO 18" DIA. Chemeketa Park Mutual Water Company Project Plans and Details; FH . FIRE HOOKUP 2°0 PVC Tank Replacement Project Sheets to support 2. All materials in contact with water except drainage and sanitary shall be NSF 61 and NSF 1. Service interruptions shall be kept to the minimum required to prosecute the work; Sheet Index H HATCH OPENING 4PVC 4PVC 4PVC 4"Ø PVC 374 approved for potable water contact. Chemicals in contact with potable water shall be 2. A minimum storage shall be maintained at all times; HB □ HOSE BIB 10"ø PVC NSF 60 approved: 3. Demolition of the existing storage tanks and attendant pipelines and appurtenances shall be staged to ensure storage Sheet 0 L LADDER throughout the work with Tank 1 being the first demolished; 3. Existing utility location, size and materials are unknown except as shown hereon. Wy'east so Storm Drain General Notes, Sheet Index, Table of Major Quantities Sheet C1 4. The new 10-inch pipeline shall be constructed and connected to the existing supply system as shown on the Project Plans; Engineering makes no warranty, expressed or implied, as to the accuracy or sufficiency of MB⊡ MAIL BOX Request 5. The temporary storage tank shall be installed and connected to the existing supply system as shown on the Project Plans; Lower Contact Tank — Cross Land Surveying Topographic and Boundary Survey Property Line such information. The Contractor shall thoroughly examine the site of the work and ___ SIGN 6. Tanks 2 and 3 and attendant pipelines and PCC pad shall be demolished once the temporary storage tank is approved for use; thoroughly review these Project Plans and details prior to preparing his proposal. The 1182.47 + SPOT ELEVATION Lower Contact Tank Site — Site Plan with Boundaries and Offsets 7. Subexcavation and new tank erection construction and erection may proceed once demolition is compete. Easement Line Sheet C3 submittal of a proposal shall be evidence upon which the Owner may rely that the Lower Contact Tank Site — Site Plan, Profile and Wall Section Contractor has undertaken adequate measures to familiarize himself with the work and the -+--- (E)Edge of Pavement Sheet C4 ♦ SOIL BORING-APPROXIMATE LOCATION site of the work; Lower Contact Tank Site — Cross Sections A—G Centerline Creek 4. The Contractor shall field verify all existing conditions at the time of commercing work; TREE AS NOTED Lower Contact Tank Site — Cross Section H—H 5. All topographic, utility and parcel data has been provided by Cross Land Surveying, Inc. TTTTTTTTT Top of Slope REDWOOD TREE AS NOTED Lower Contact Tank Site — Tank Plan and Elevationss g — Wy'east Engineering and the Owner offers no warranty, expressed or implied, as to the currency Toe of Slope WM WATER METER accuracy, sufficiency, or adequacy of said information. Should the Contractor discover an apparent tower Contact Junk Site Tomby Details Sheet C8 discrepancy between the information shown hereon and actual field conditions, the Contractor shall ○P1 Retaining Wall Pile Number WVO WATER VALVE Upper Tank Sife - Cross Land Surveying Topographic and Boundary Survey immediately notify the Engineer of said apparent discrepancy and seek the direction of the WP□ 4" X 4" WOOD POST WITH CONDUIT Engineer as appropriate: Time shall be of the essence in the execution of the work. The Upper Tank Site - Site Plan with Boundaries and Offsets WATER ರ ≥ BOUNDARY LINE Contractor shall make every effort to commence work at the earliest opportunity and Upper Tank Site - Stage 1 Demolition Plan Sheet C11 complete the work as expeditiously as possible without compromising the integrity of the //////// BUILDING LINE work or the goals of the project; Upper Tank Site — Temporary Storage Plan ------ CENTERLINE 6. The Contractor shall contact Underground Service Alert (811) prior to commencing work Upper Tank Site - Temporary Storage and Tie In Details Sheet C13 FENCE LINE AS NOTED including subsurface exploration; abl MUTUAL Upper Tank Site - Stage 2 Demolition Plan Sheet C14 7. The Contractor shall undertake subsurface exploration prior to commencing work. for reference Subsurface exploration shall be conducted at a minimum to include but not be limited to, Upper Tank Site - Site Plan points of connection, tie-ins and apparent or potential conflicts with other underground _ _ _ _ _ _ _ TOE OF SLOPE Upper Tank Site - Tank Layout and Details Sheet C16 8. The Contractor shall coordinate with the Owner to locate insofar as possible existing TTTTTTTTTTT TOP OF SLOPE Jpper Tank Site — Tank Elevations and Details underground facilities; Sheet SP1 Standard Plans Sheet 1 9. The Contractor shall provide a minimum of 5—working days notice to the Engineer, the Owner and Agencies of Jurisdiction prior to commencing work and a minimum of Sheet SP2 andard Plans Sheet 2 PA 3—working days notice for inspection of construction; Sheet SP3 tandard Plans \$heet 3 10. The Contractor shall coordinate all work on existing facilities with the Owner including but ⋖ Sheet SP4 tandard Plans \$heet 4 not limited to, connection to existing structures, temporary storage facilities, demolition of existing tanks, abandonment or realignment of existing water lines and control systems. Sheet SP5 andard Plans \$heet 5 The Contractor shall provide a minimum of 5—working days notice to the Owner prior to itandard Plans Sheet 6 commencing work on any such existing facilities; 11. The details and fitting layouts shown hereon are for the convenience of the Contractor in preparing his proposal. Except where specifically cited as ".. No Substitute ...", the words or Approved Substitute ..." may be assumed included in the citation of a product, process, or method whether included or not. The Contractor is encouraged to submit alternatives wherever an improvement in efficiency, expediency, or expense may be possible. The submittal of alternatives shall be in accordance with the provisions of Section 1-07.10, "Submittals" of the Wy'east Standards. It shall be the Contractor's responsibility to demonstrate to the Engineer's satisfaction that the requested alternative meets or exceeds the goal, purpose, efficacy and/or efficiency of the cited product, process or method. The Engineer's opinion regarding the equivalency of the requested substitution to the goals, process, efficacy, and/or efficiency of the cited product, process or method shall be final; 12. All components of the potable water system shall be analyzed for bacteriological quality in accordance with Chapter 15, Title 22 of the California Code of Regulations. A negative or absent analysis shall be achieved prior to placing any system component in ABBREVIATIONS Agencies and Standards Asbestos Cement Pipe 13. All buried water pipelines shall be polyvinyl chloride (PVC) manufactured in accordance with AWWA C900, Class 235. Solvent weld pipe and fittings shall not be permitted; Iron Pipe Size CPMWC Chemeketa Park Mutual Water Company (Owner) 14. All pipelines transitioning from buried to above grade shall be ductile iron pipe (DIP) Male Iron Pipe Thread AWWA American Waterworks Association manufactured in accordance with AWWA C150, Class 51 or welded epoxy coated steel; Female Iron Pipe Thread National Fire Protection Association 15. Changes in alignment shall be made with DIP fittings supplied with mechanical joint (MJ) National Electrical Manuifacturer's Association Pack Joint ends equipped with approved restraining glands. Where the required deflection exceeds the 500 range of one fitting, two fittings equipped with combination MJ by Flange ends may be California Building Code Pressure Treated Douglas Fir (Structural Grade 1) combined into one unit to achieve the required deflection. Solvent weld fittings shall not California Plumbing Code Chemeketa Park Mutual Water Company System Table of Major Quantities 16. Deflection at pipe fittings may be used to achieve slight deviations in alignment necessary California Electrical Code Asphalt Cement Pavement for the construction of the work. Deflection shall only occur at the fittings and joints and Unit | Quantity Item No. Description California Fire Code shall not exceed 3° per fitting end. Deflection by bending the barrel of the pipe (roping) Mobilization Standard Plan (Wy'east Engineering) LS will not be permitted; Portland Cement Concrete 17. All buried pipeline fittings shall be DIP in accordance with AWWA C153 or C110 or epoxy Department of Water Resources Controlled Low Strength Material CLSM Installation of Temporary Storage including Connection to (E)Upper Tank Supply System coated fitings (HYMAX); Fire Hydrant Demolition of (E)Upper Storage Tanks including PCC pad Division of Drinking Water (DWR) 18. All buried gate valves shall be resilient seat gate valves manufactured in accordance with |Santa Clara County Building and Planning Decomposed Granite Construct (N)Soldier Pile Retaining Wall at Lower Tank Site 545 AWWA C509 and shall be UL and FM listed; 19. All above grade piping shall be Type 304 stainless steel. Schedule 40 welded and/or Lower Tank Site Grading — Cut (Overexcavation) plus Retaining Wall Excavation Aggregate Base (Class 2 <u>/ 115</u> grooved stainless steel pipe and fittings may be substituted for Schedule 40 threaded |Pounds per Square Inch Drainage Inlet Lower Tank Grading -Backfill CY stainless steel pipe and fittings; Pounds per Square Foot including Controlled Low Strength Material and Retaining Wall Backfill 20. All buried drainage pipelines and fittings shall be PVC, SDR35 push on gasketed pipe. Hose Bib Solvent weld PVC pipe and fittings shall not be permitted; Lower Contact Tank Grading Total | CY Mechanical Joint 21. The Contractor shall maintain a record of actual locations of buried systems as part of the 7 Erect New Lower Tank: 88,000-gallon (net) Potable Water Storage Tank with Piping As—Built documentation. The Contractor shall include ties to permanent objects and buried Cubic Yard components and prepare an intersection detail for each valve location. Acceptable Pack Joint Coupling Upper Tank Site Grading — Cut (Overexcavation) 140 reference points shall include but not be limited to, curb returns, end of concrete curbs, asphalt dikes, and building foundations. Where suitable permanent reference points are Cubic Feet per Minute Plain End Upper Tank Grading —Foundation Backfill (Controlled Low Strength Material) not readily available, the Contractor shall provide suitable visual markings at such locations Gallons per Minute Catch Basin and request that the Owner have such locations surveyed for the record; Feet per Second Miscellaneous 10 | Erect New Upper Tank: 157,000-gallon (net) Potable Water Storage Tank with Piping 22. The Contractor shall coordinate his work and the delivery and the erection of the new tanks with the suppliers thereof such that said products are available for installation at the time Top of Wall 11 New 10" PVC (AWWA C900) Pipeline with Valves and Fittings required by the Contractor's execution of the work. No extension in contract time or Height of Retaining Wall Panel |Standard Cubic Feet per Minute 12 Reconnection to Supplying Water System additional compensation will be permitted for the failure of the Contractor to adequately schedule the delivery of these products. Height of Retained Soil milligrams per liter (ppm 13 New 4"ø CPEP Drain Line (ADS N12) LF | 40 Depth of Pile Service Reconnection to 17680 Ogallala Warpath Road |Parts per Million (mg/l) LS WATER Micrograms per liter (ppb) Invert Elevation |Parts per Billion (ug/l) Finished Floor Elevation |Station (100-feet)| (X + YY.ZZ)Finished Grade Elevation 183 Materials and Fittings Fire Hydrant (Steamer) Wharf Head Hydrant Polyvinyl Chloride (Pipe or Valve) Asbestos Cement Pipe Existing Condition, Facility, Equipment, Material Ductile Iron Pipe Edge of Pavement Ö Galvanized Iron Pipe Grade Break PARK Stainless Steel (Pipe or Valve To Be Determined PE or PET|Polyethylene (Pipe or Tank) Overflow Corrugated Polyethylene Pipe RDWD Redwood CHEMEKETA High Density Polyethylene Pipe Map Maple |Corrugated Metal Pipe Sycamore Concrete Pipe Reinforced Concrete Pipe Road Advance Draniange Systems (CPEP) Highway Resilient Wedge Gate Valve (AWWA C509) Butterfly Valve (AWWA C504) Inlet Grate Glass-Fused-To-\$teel Tank (AWWA D103) Manhole or Inlet Rim Solvent Weld Slip Fitting (Existing Only) GR or VIC Victaulic Groove Pipe or Fitting Crown of Pipe (Top of Pipe)

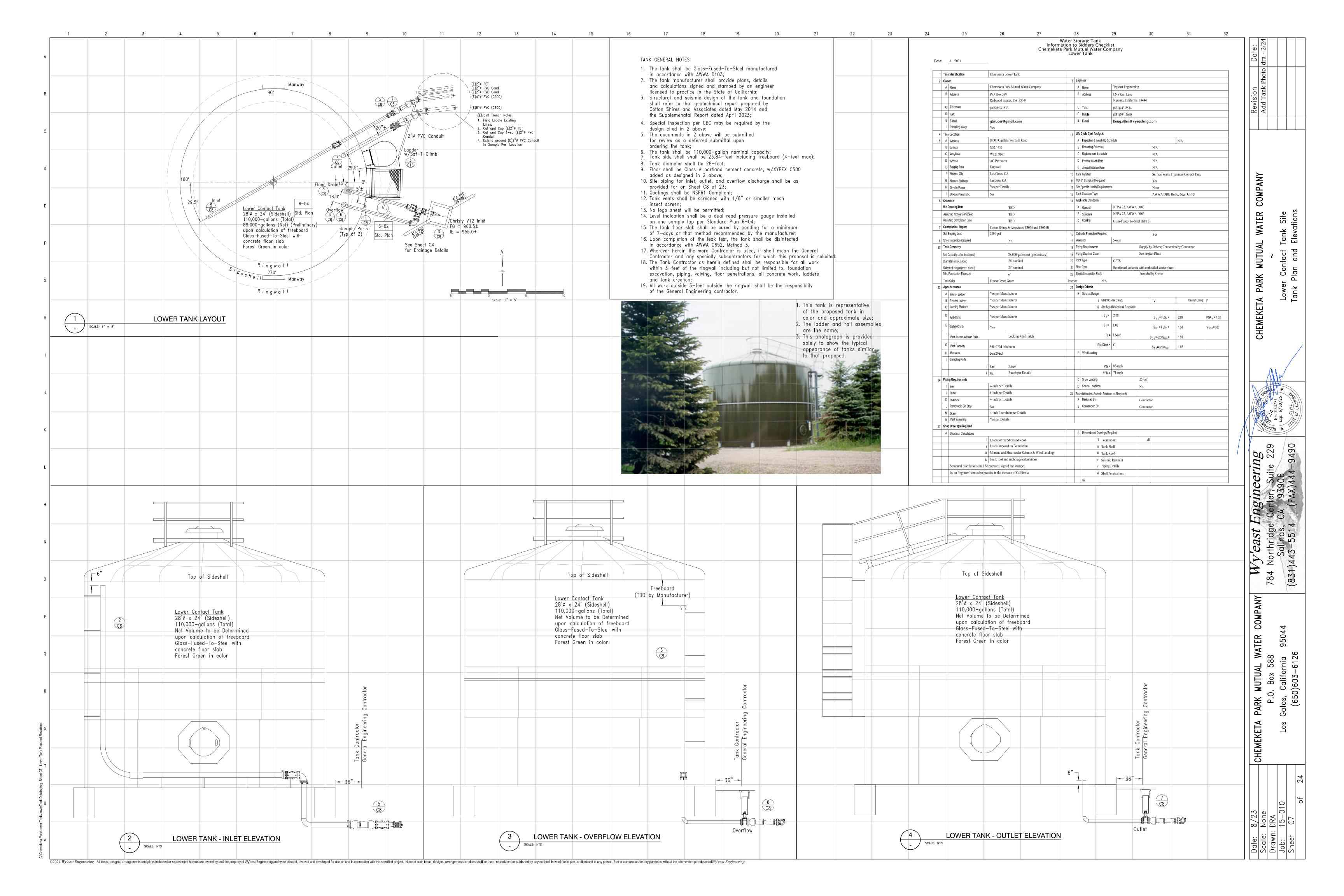
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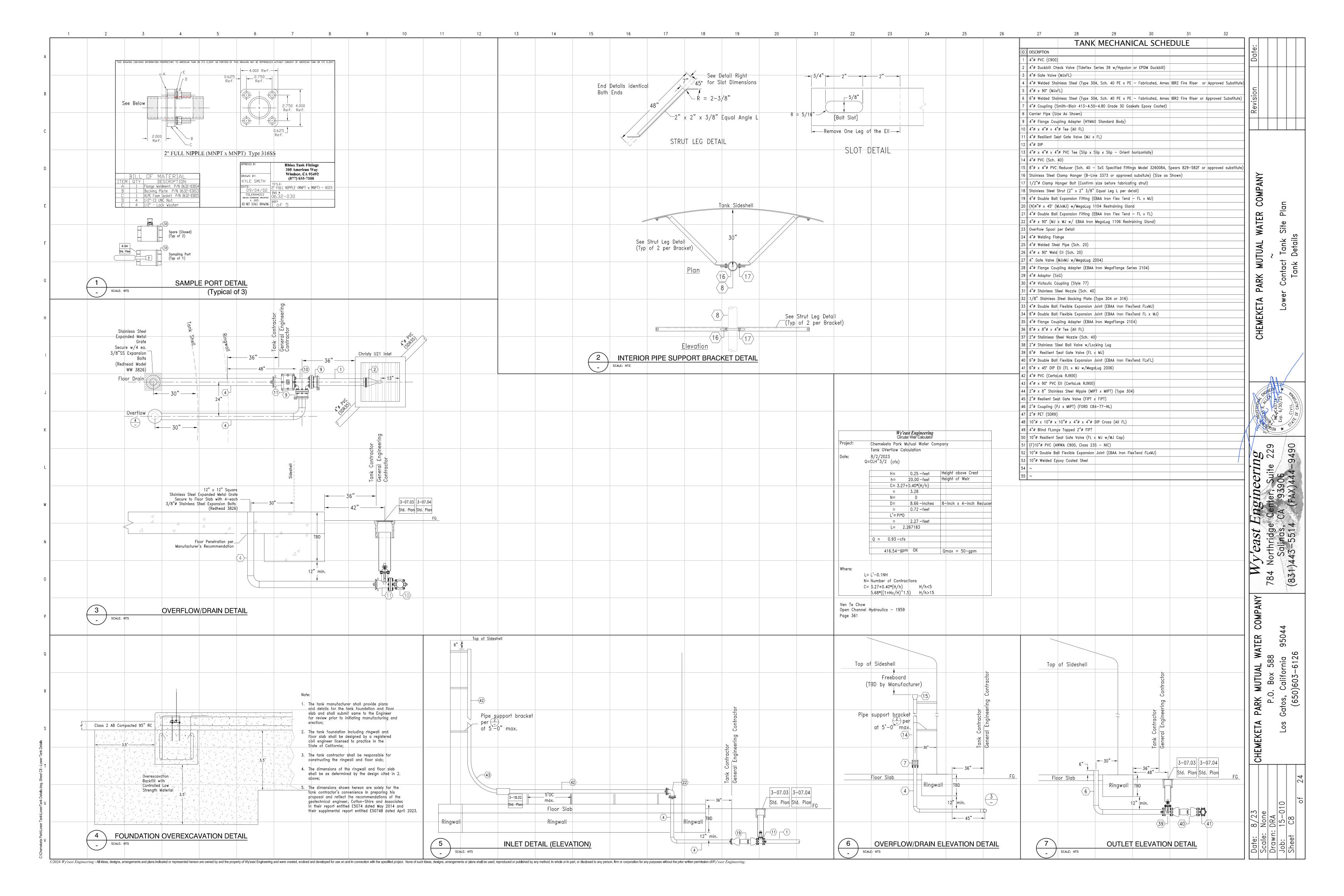


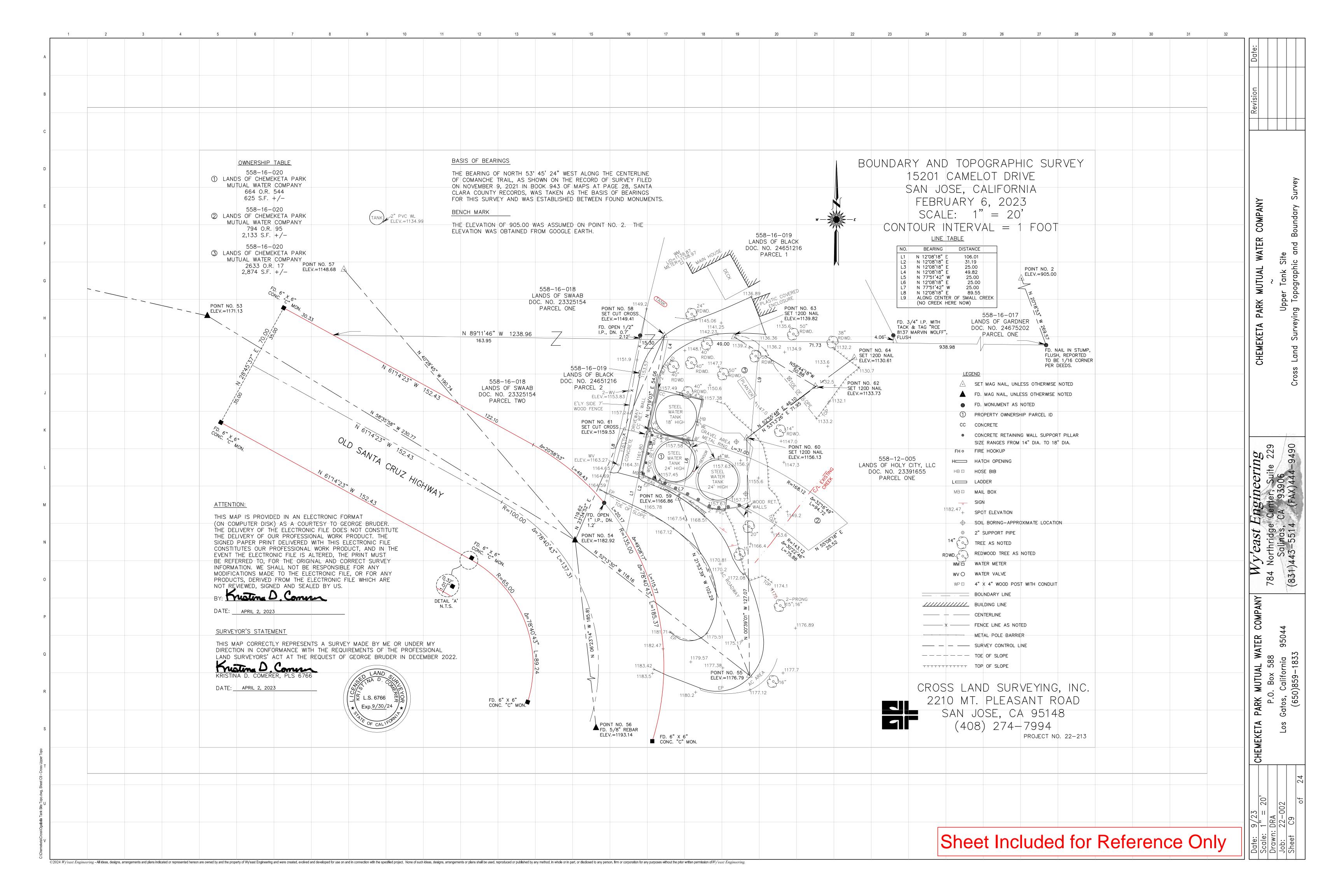


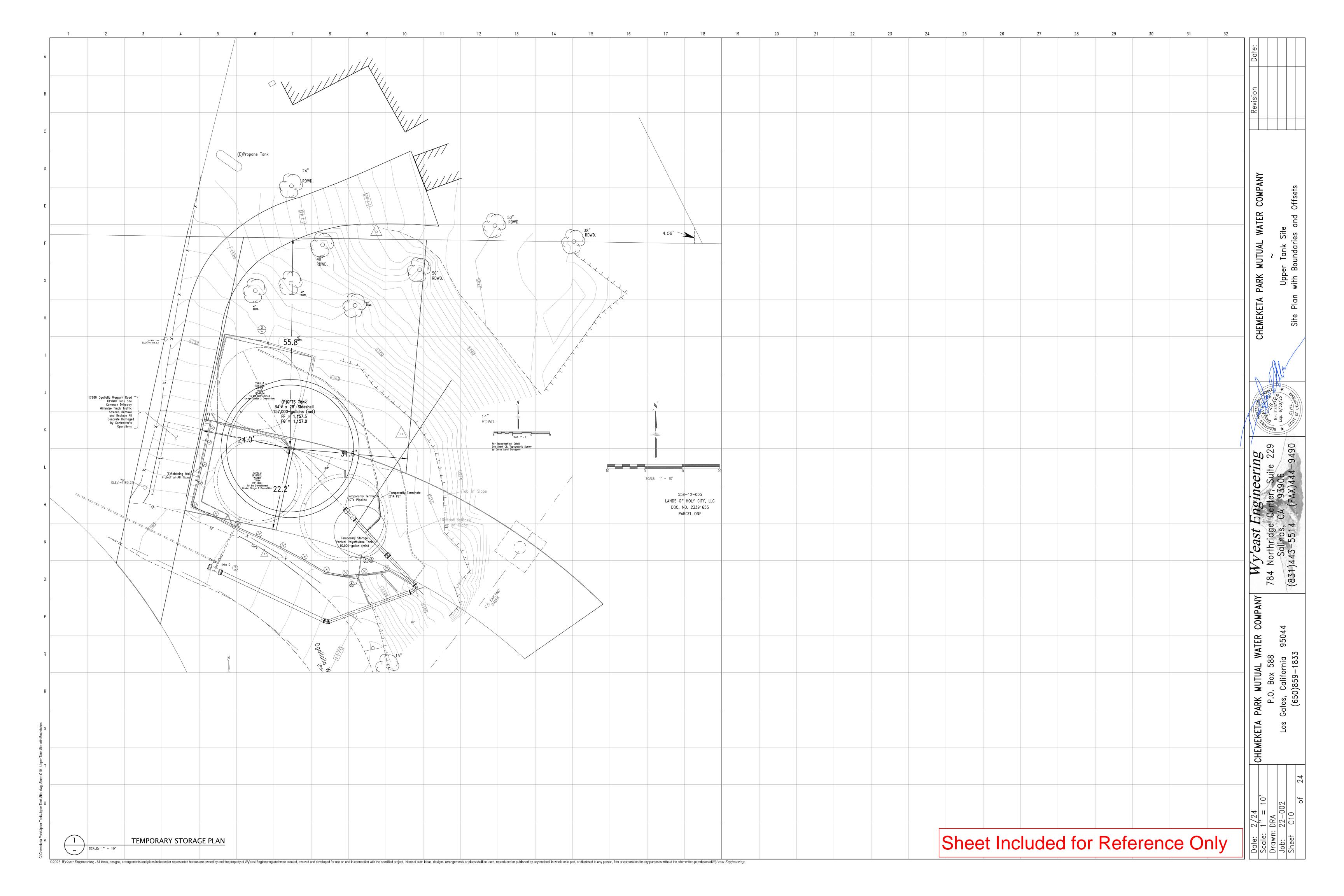


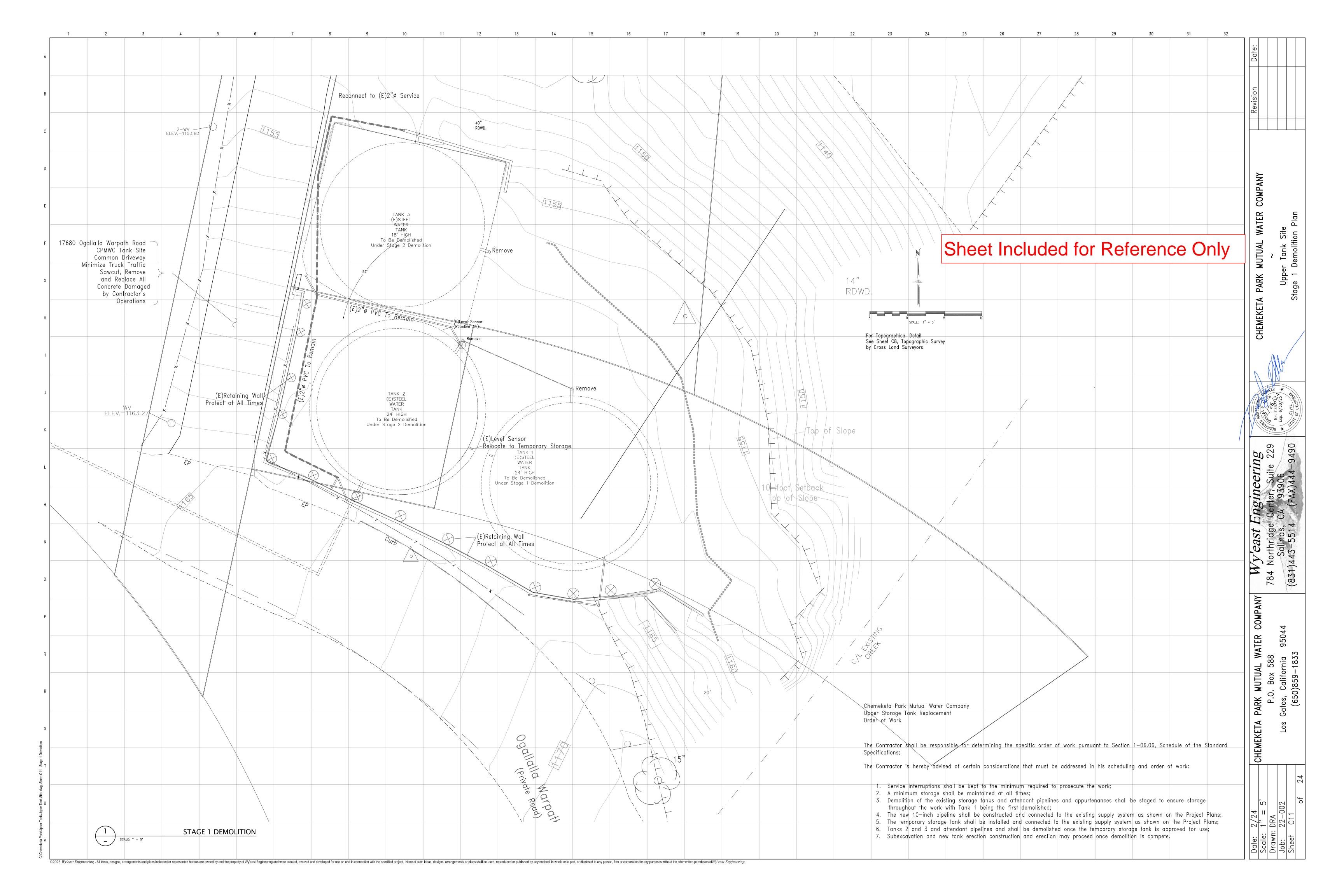


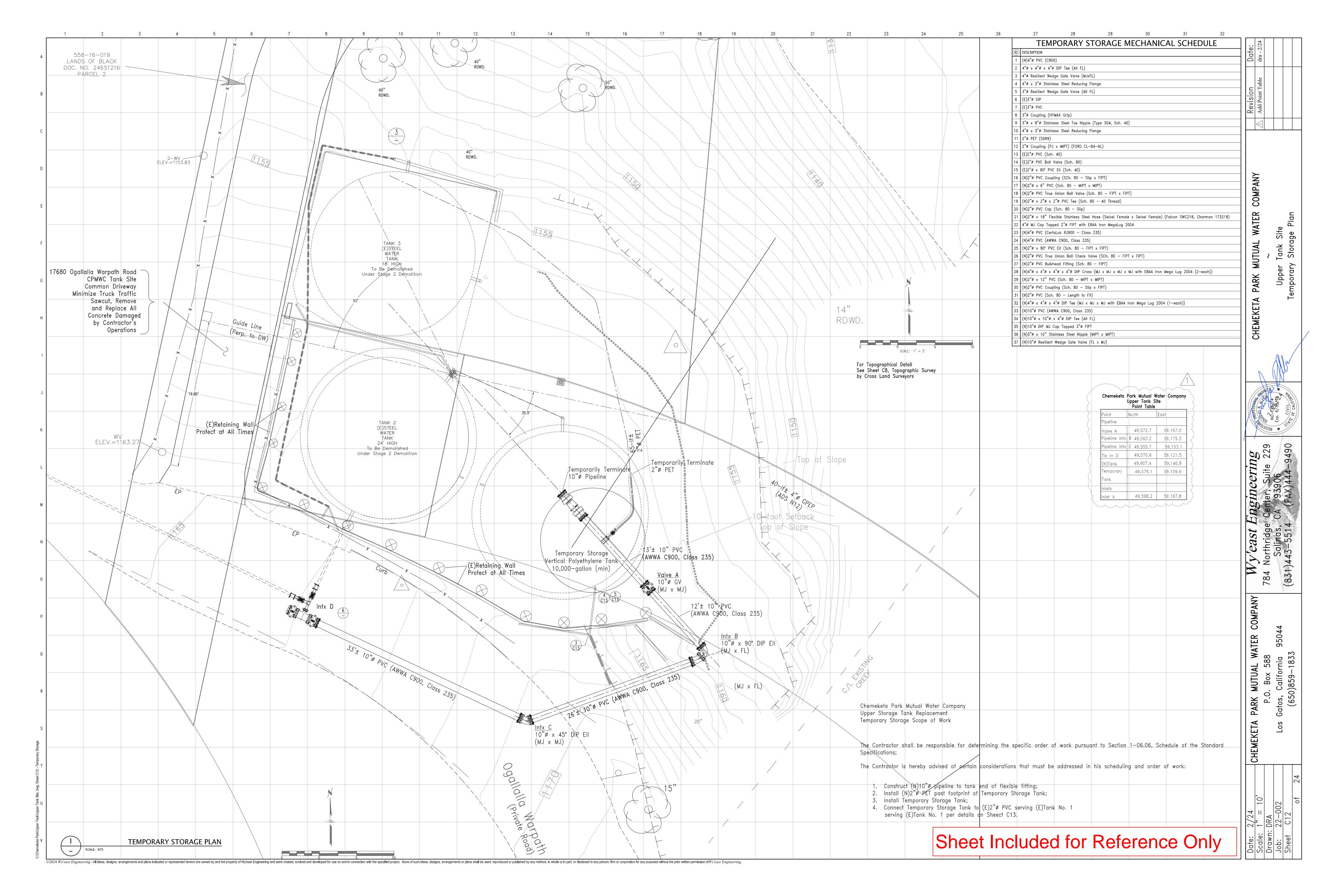


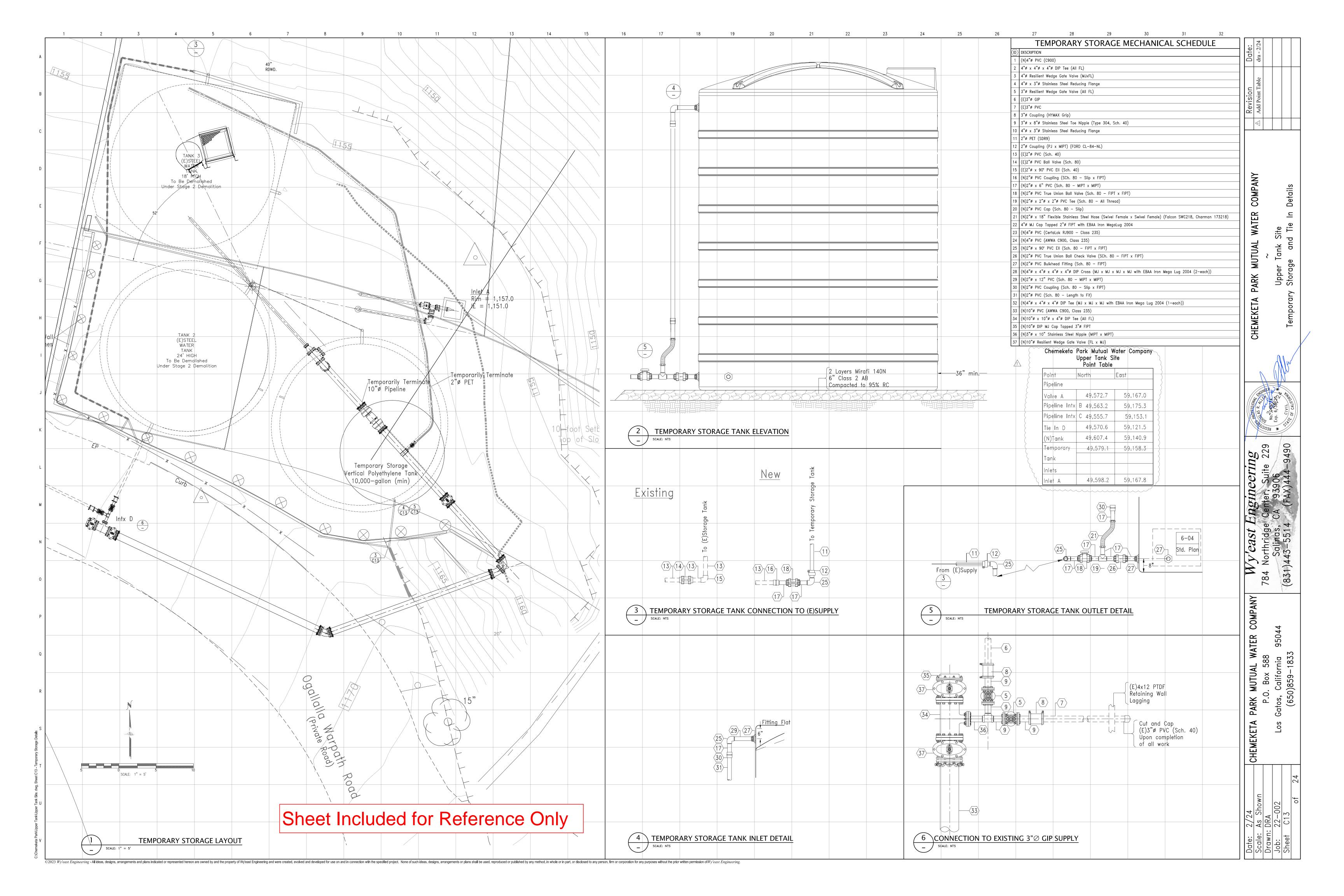


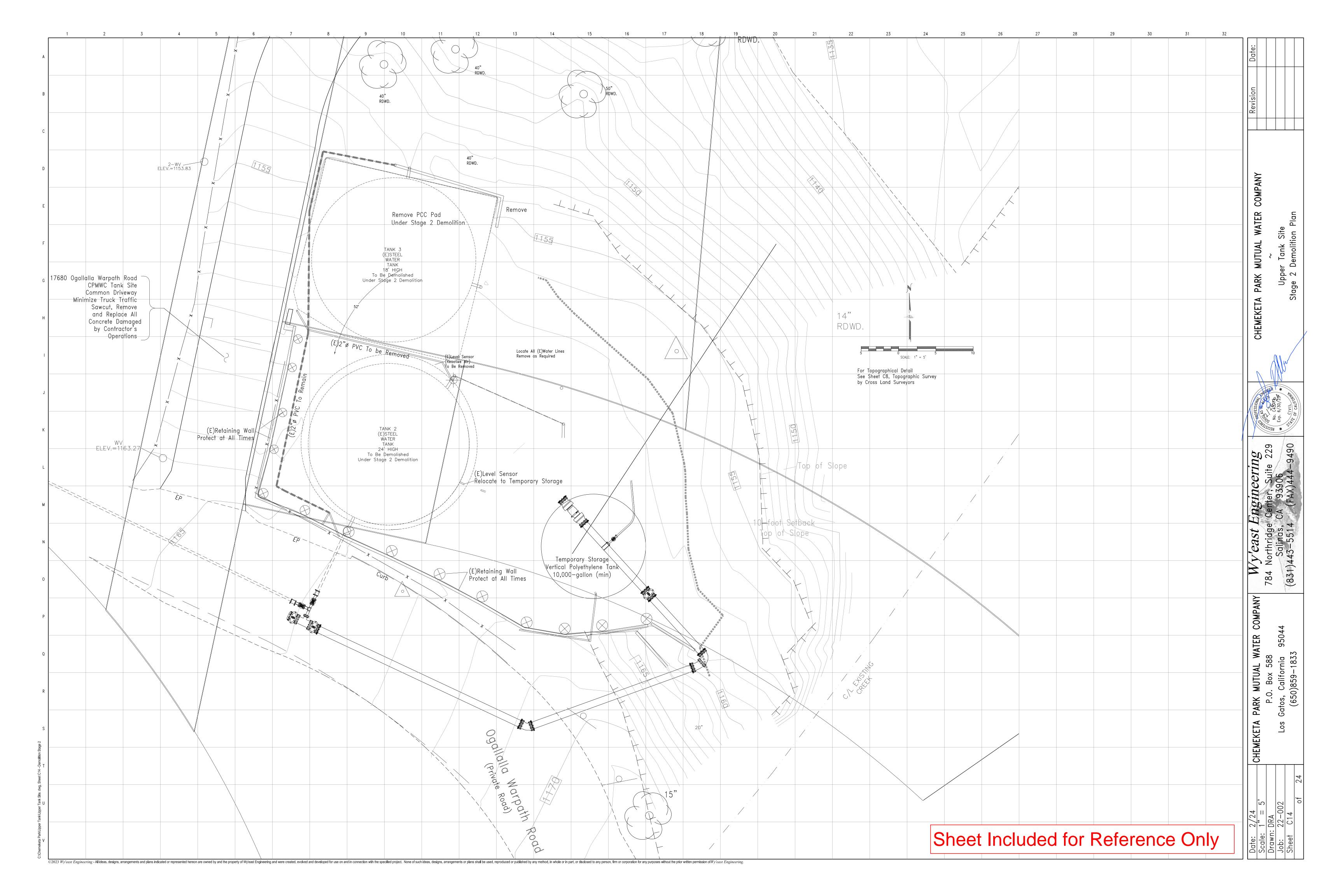


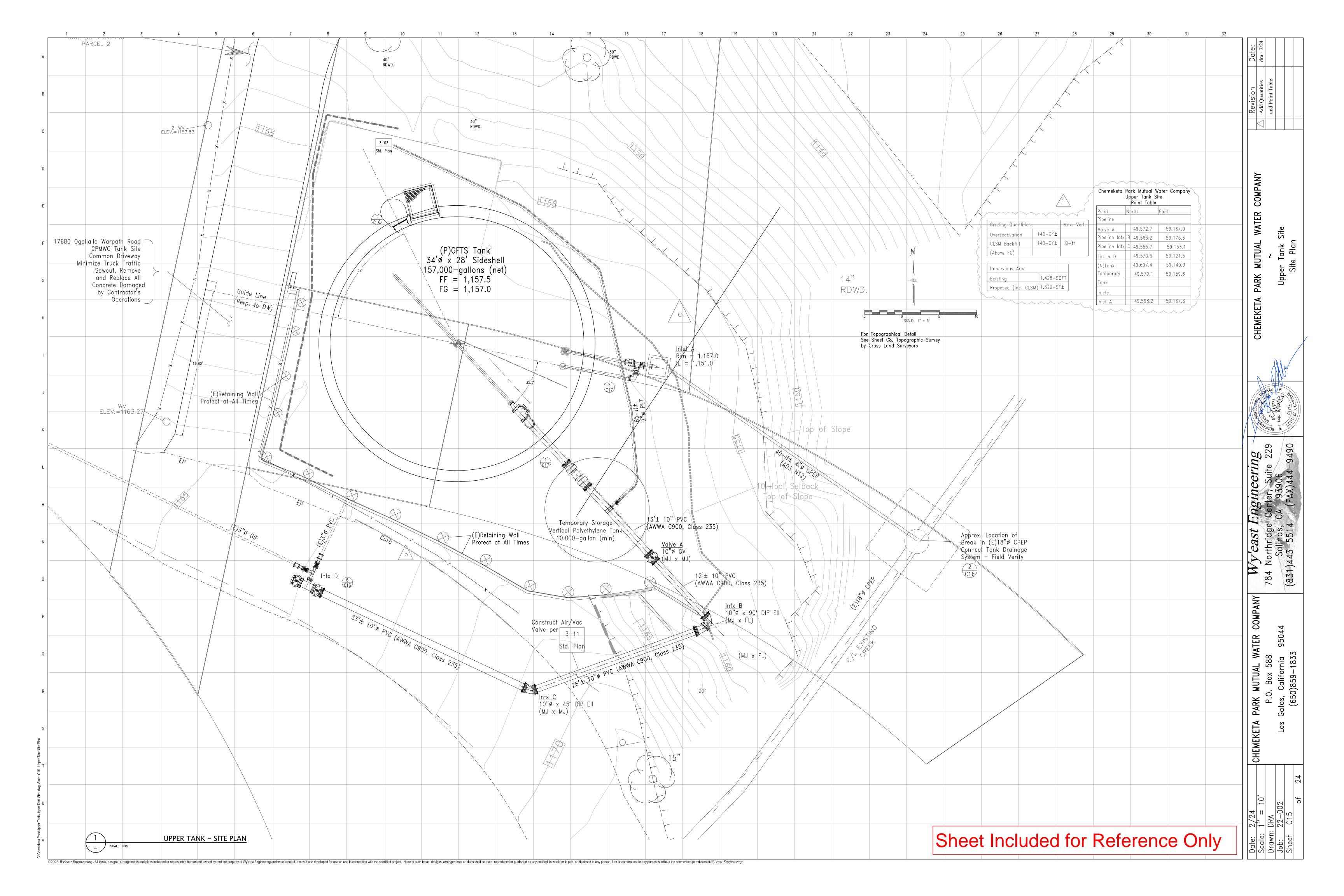


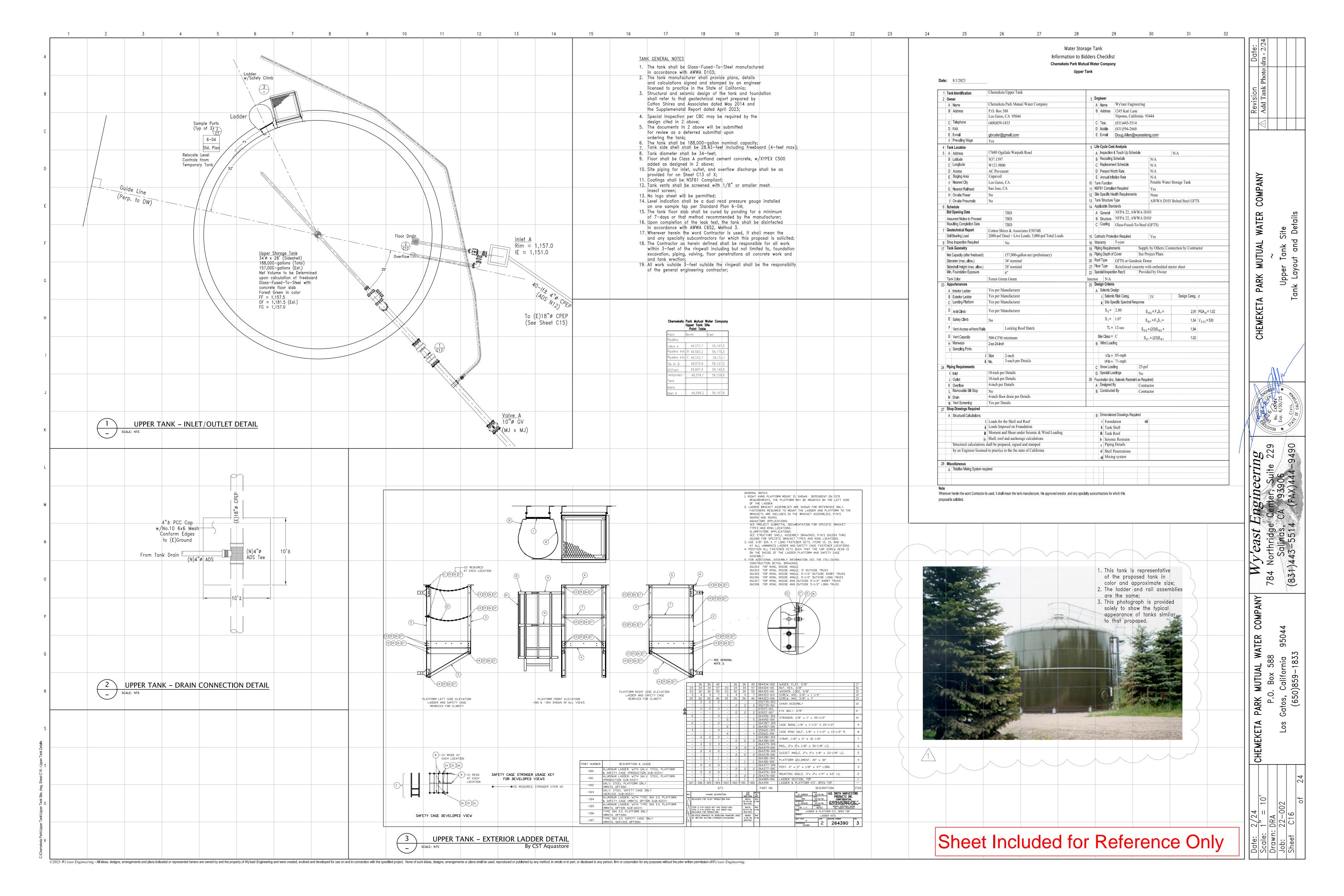


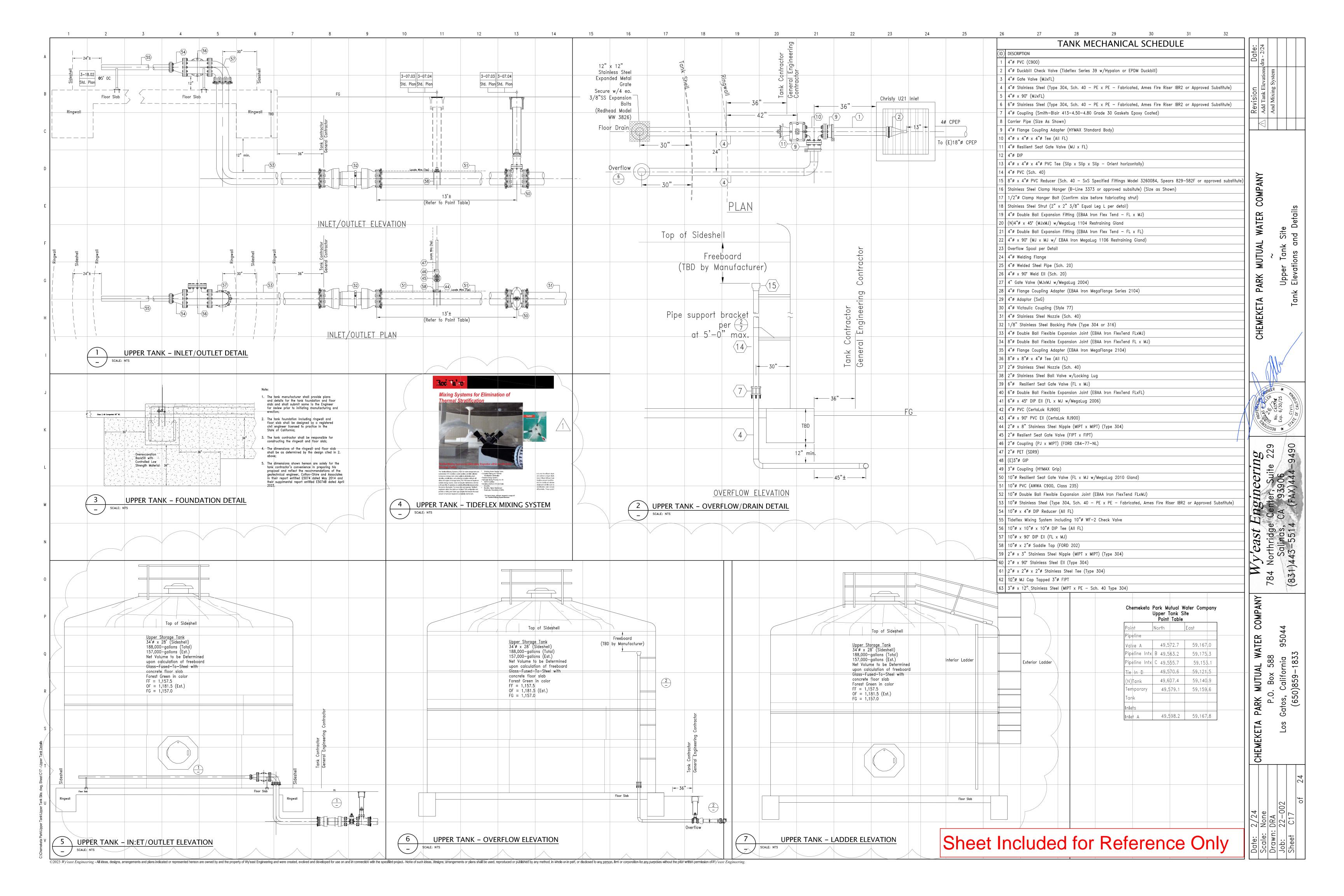


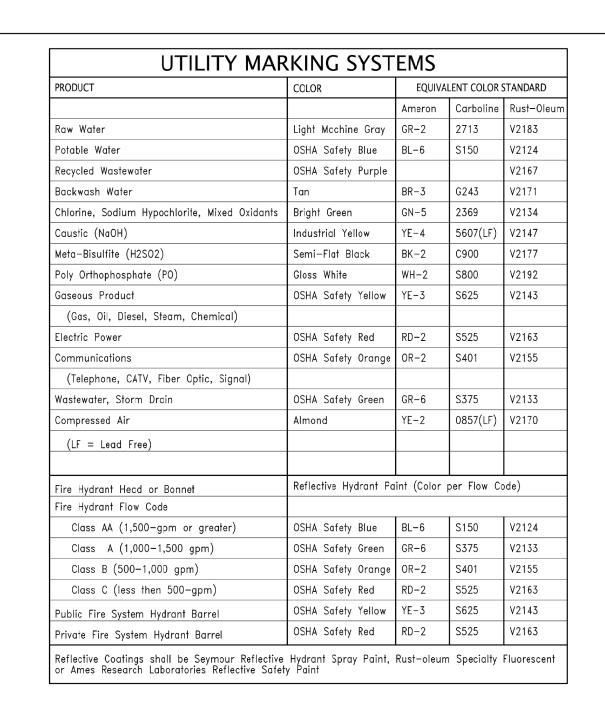




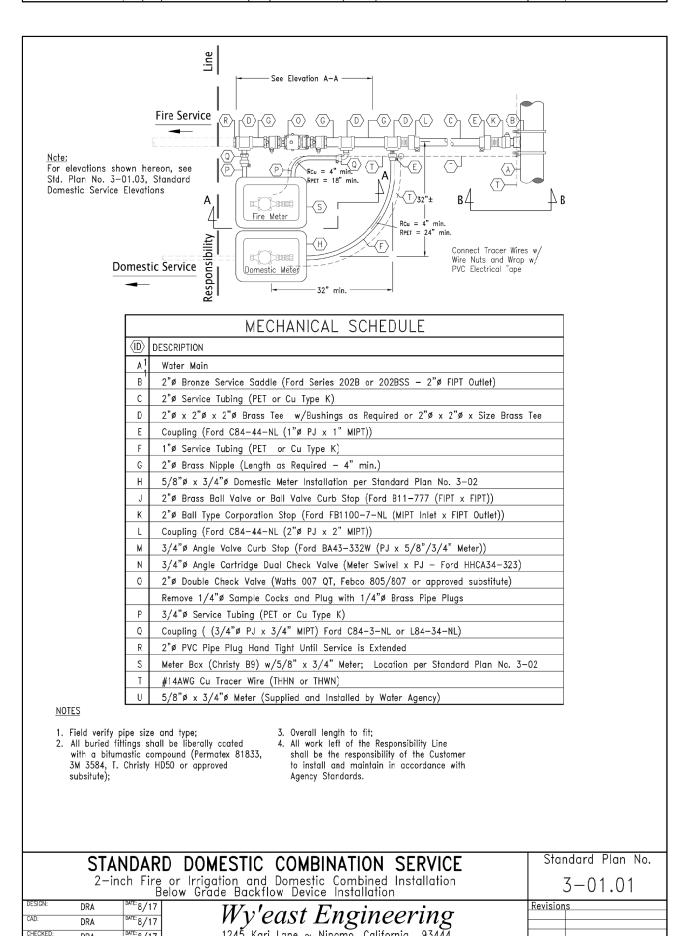






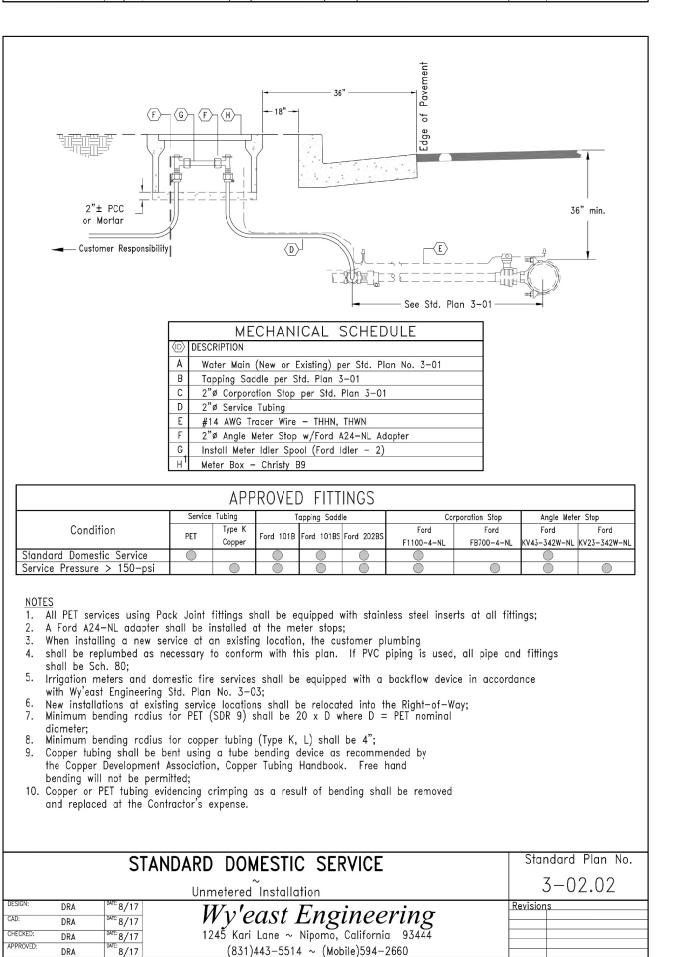


			UTILITY MARKING SYSTEMS		2-01.01
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CAD:	DRA	DATE: 8/17	Wy'east Engineering		
CHECKED:	DRA	DATE: 8/17	1245 Kari Lane ~ Nipomo, California 93444		
APPROVED:	DRA	DATE: 8/17	$(831)443-5514 \sim (Mobile)594-2660$		



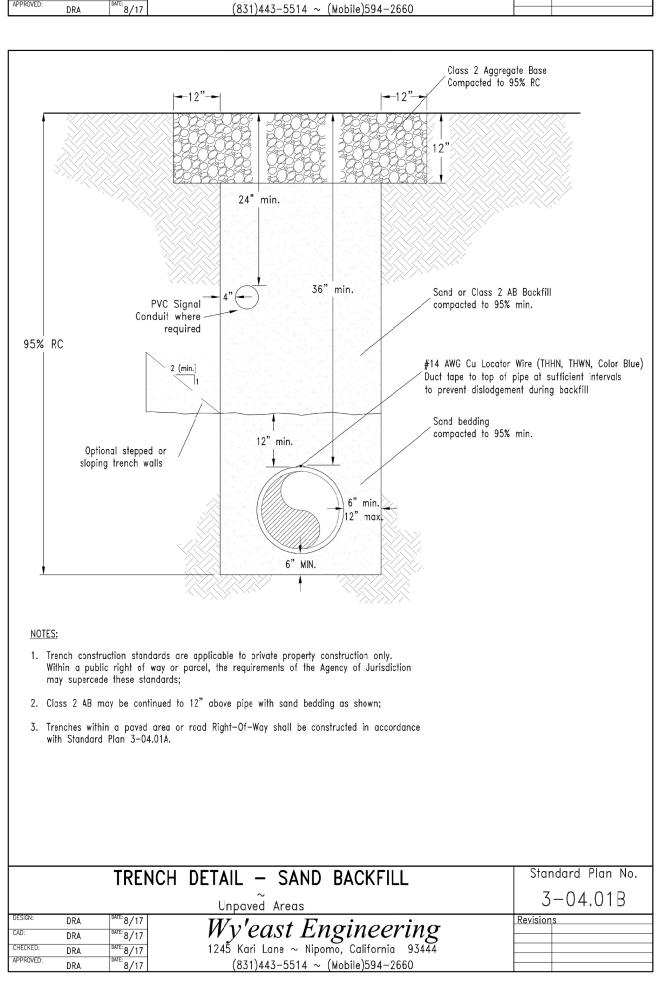
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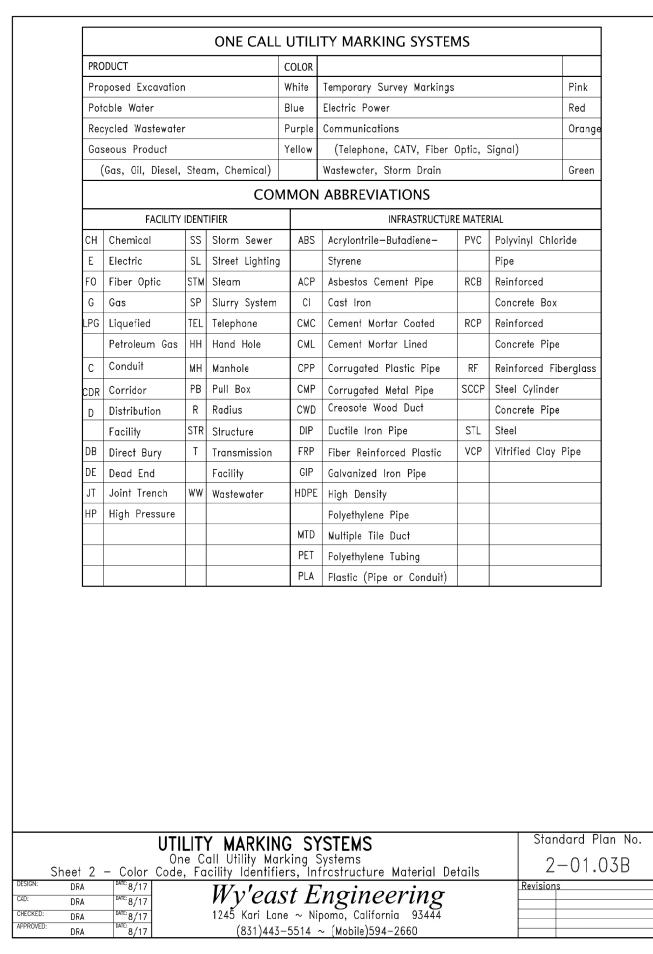


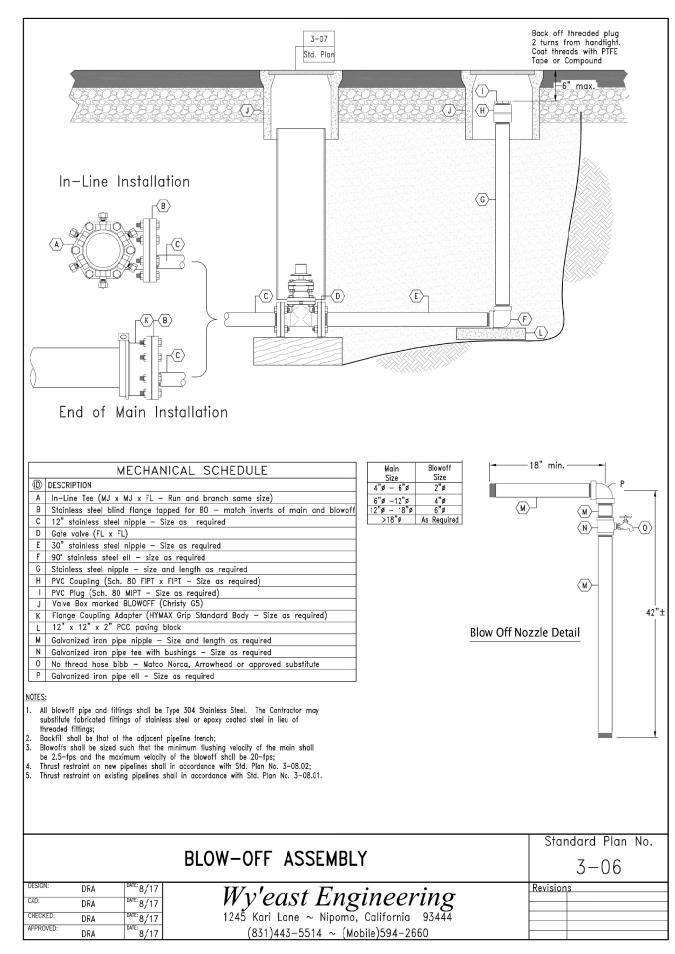


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<u>NO</u>	<u>E:</u>	
1.	Pursuant to Section 1-06.07 of the Wy'east Engineering Standard Specifications, the One Call Service USA North, at 811 or (800)227-2600 or USA South at 811 or (800)2-working days in advance of commencing work;	
2.	The Contractor is reminded that, pursuant to California Business and Professions Code Code, Section 4216 and CalOSHA Regulation Title 8, Chapter 4, Subchapter 4, Article 6 Contractors are required to call for underground utility locations a minimum of two (2 of commencing construction on underground facilties or facilities related thereto;	, Section 1541, all
3.	The provided color codes, facility identifiers and infrastructure material tables are provident convenience;	ided solely for the
4.	The Contractor is referred to USA North's California Excavation Manual for additional d	etails;
5.	Wy'east Engineering assumes no responsibility, expressed or implied, as to the accurac of any utility locations determined by others.	y, adequacy or sufficiend
	TYPICAL UTILITY MARKINGS	
	Owner/Facility dentifier/Infrastructure Material/Size Typical underground utility location field markings will follow one of two protocols, horizontal and vertical as shown below:	
	Horizontal Owner/Facility dentifier/Infrastructure Material/Size Example: PGE/G/PLA/2"	
	VerticalOwnerExcmple:PGEFacility IdentifierGInfrastructure MaterialPLASize2"	
	UTILITY MARKING SYSTEMS One Call Marking Systems Sheet 1 — Notes and Descriptions	Standard Plan
KED:	DRA DATE 8/17	Revisions







Sheet Included for Reference Only

Company

Mutual W lacement

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Wy'east Engineeri1245 Kari Lane
Nipomo, California 934 $^{\prime}$

COMPANY

AL WATER 588

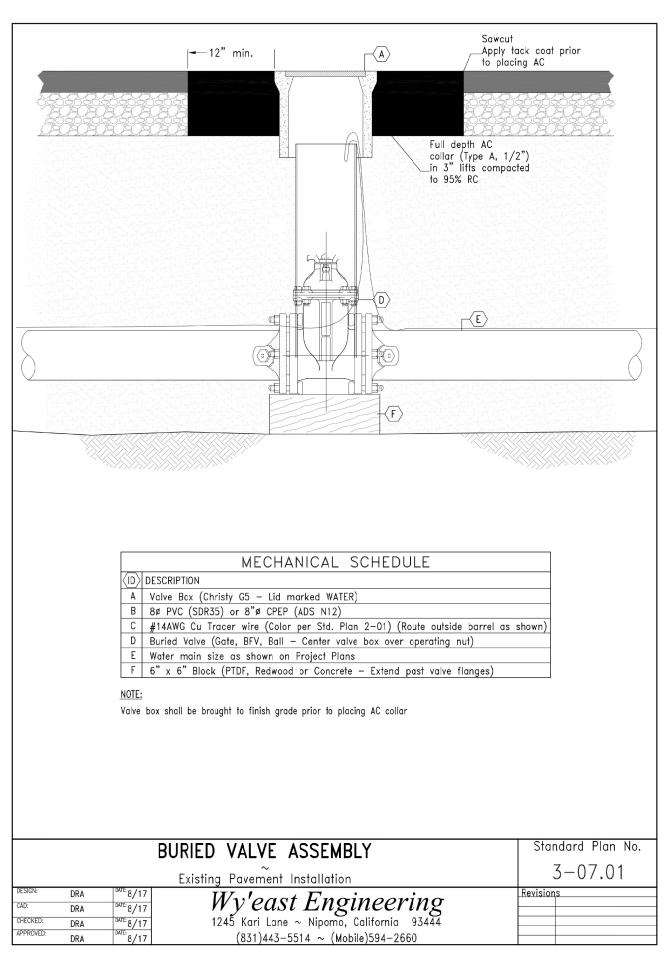
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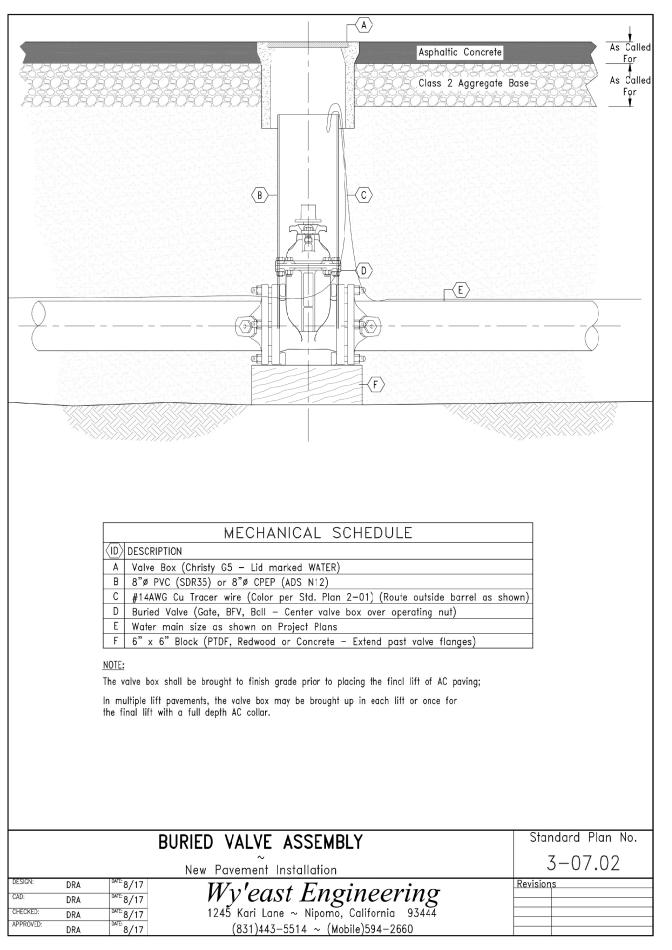
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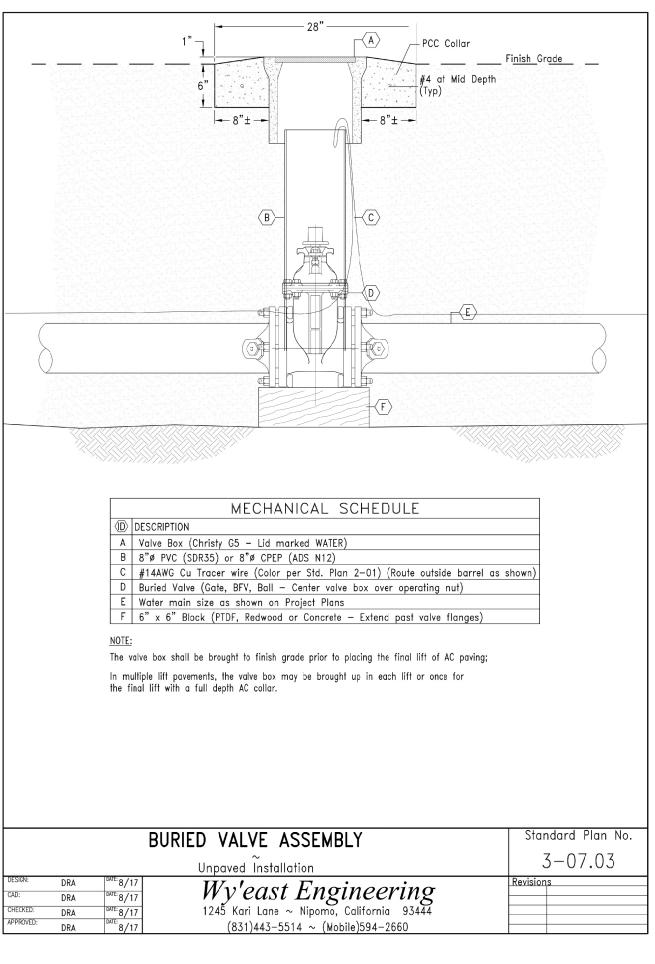
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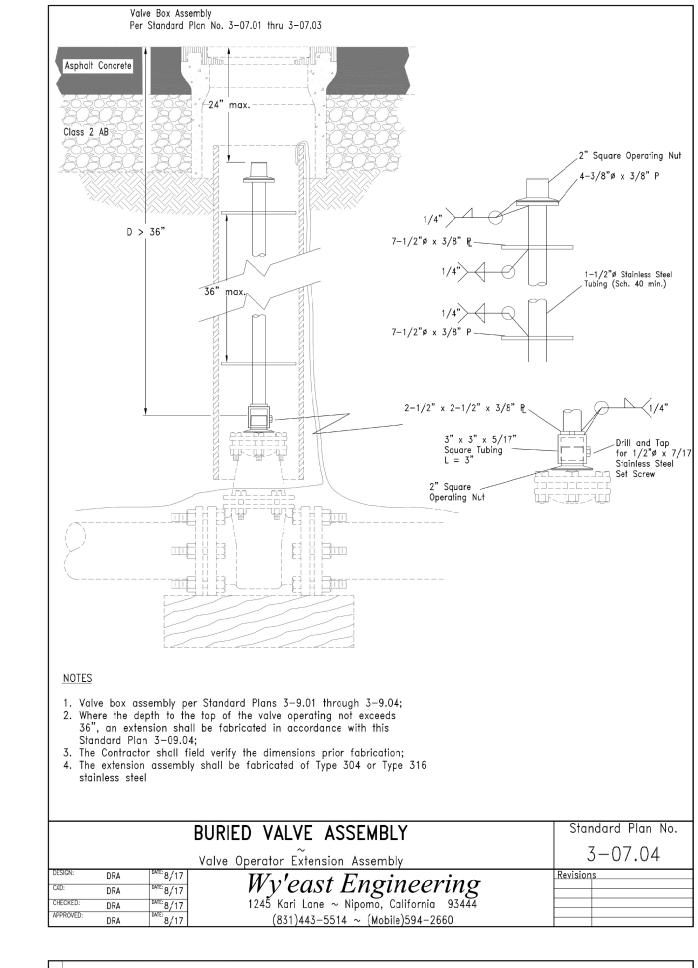
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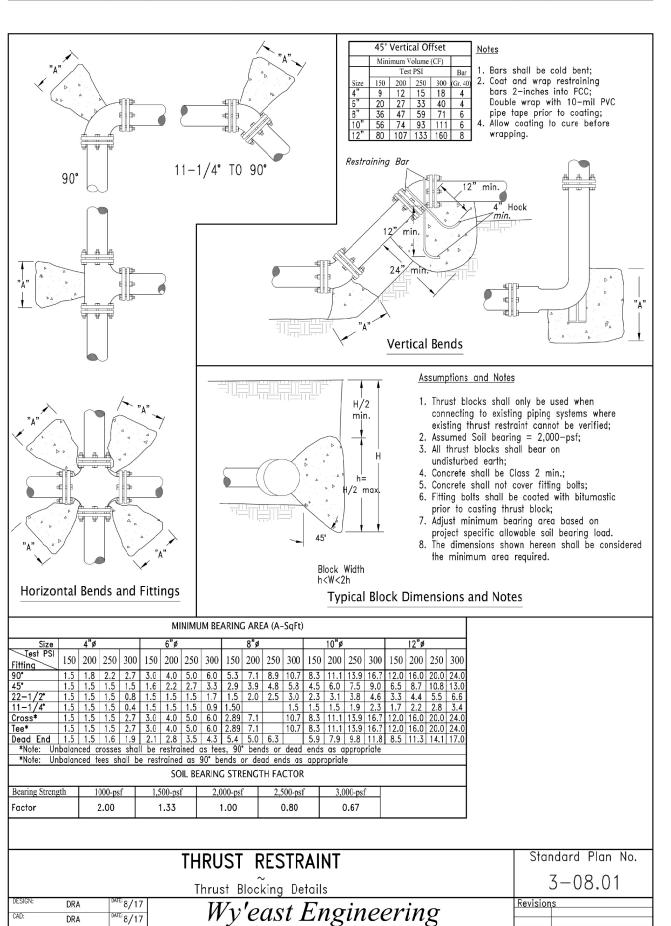
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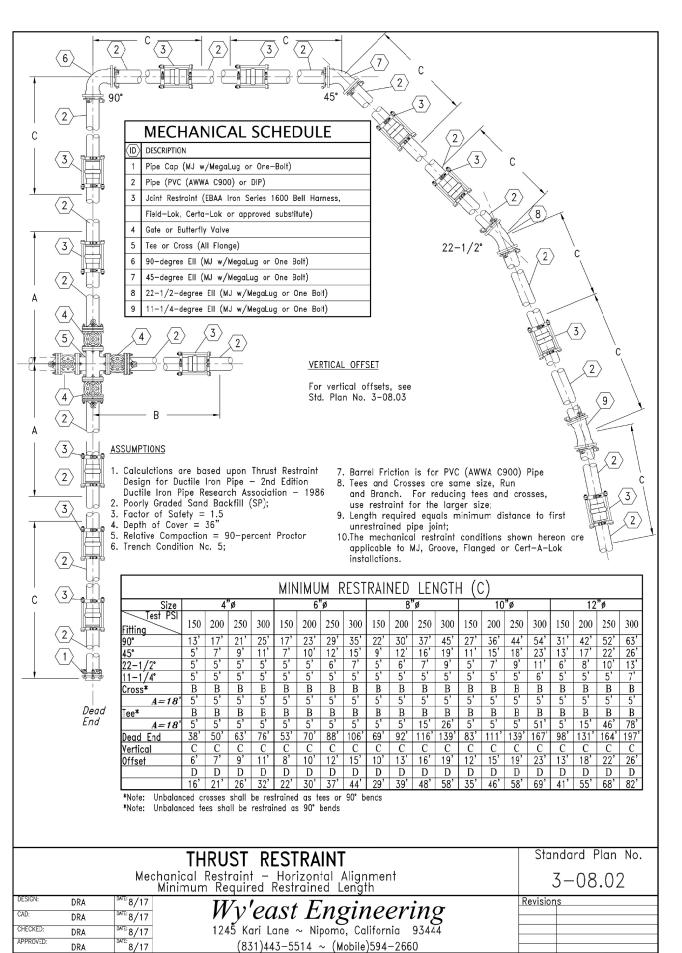


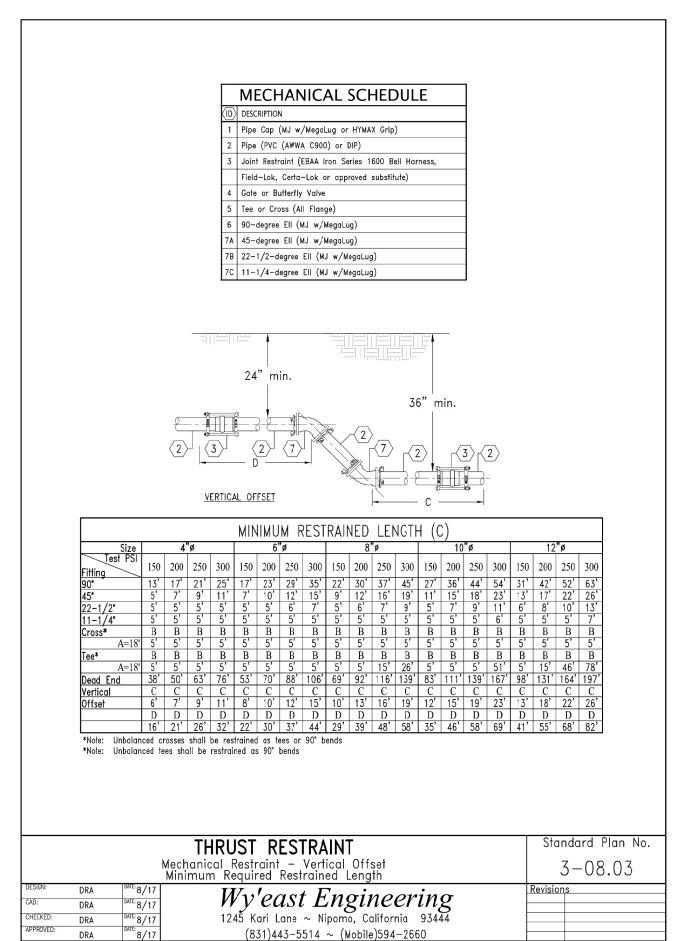


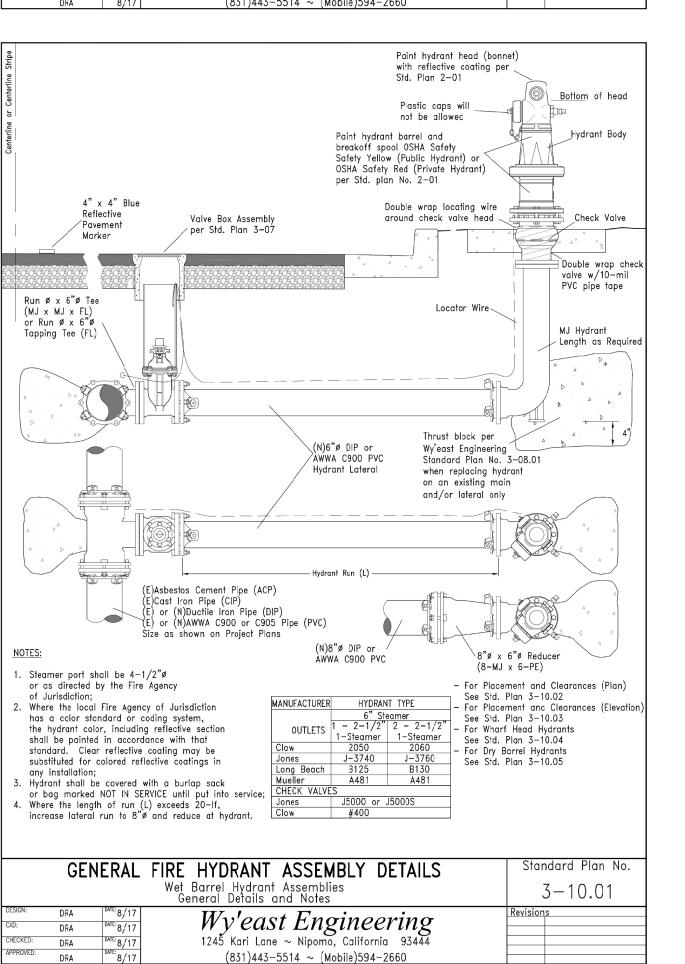


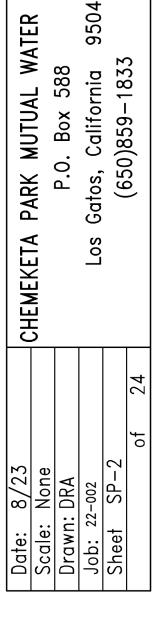


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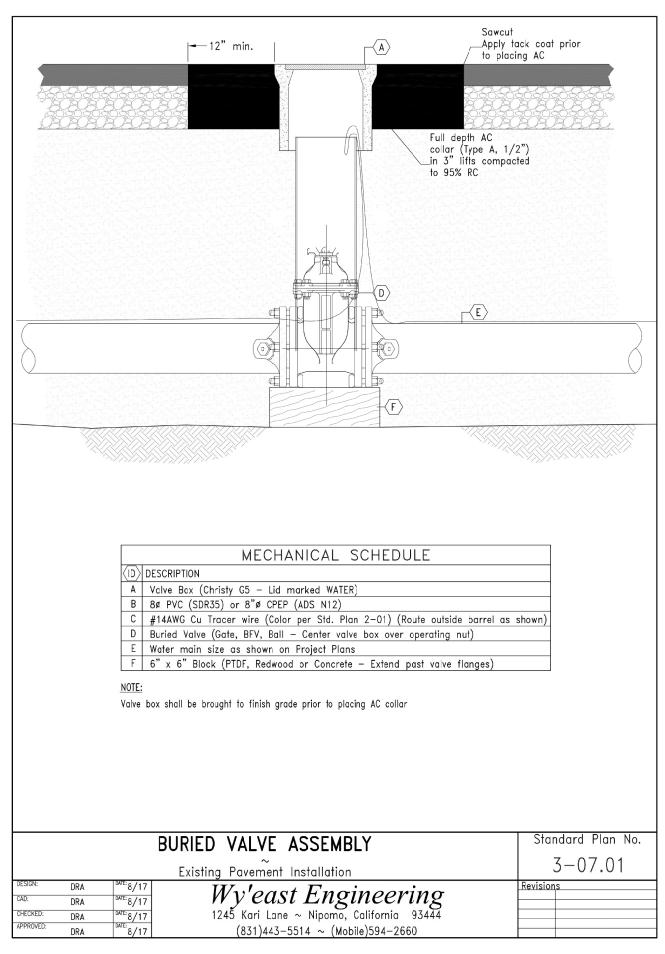


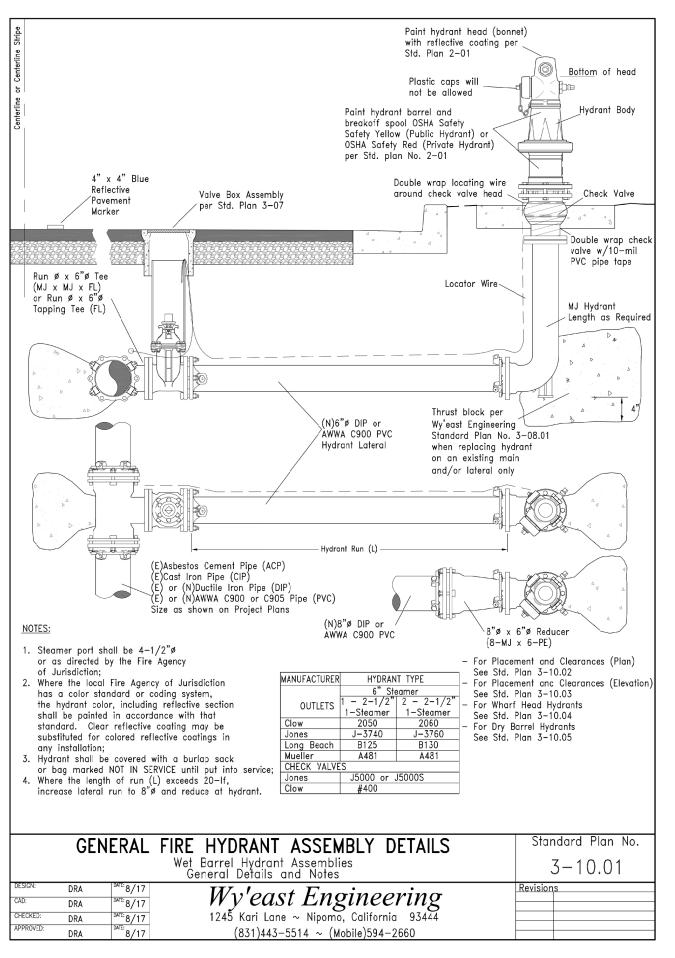
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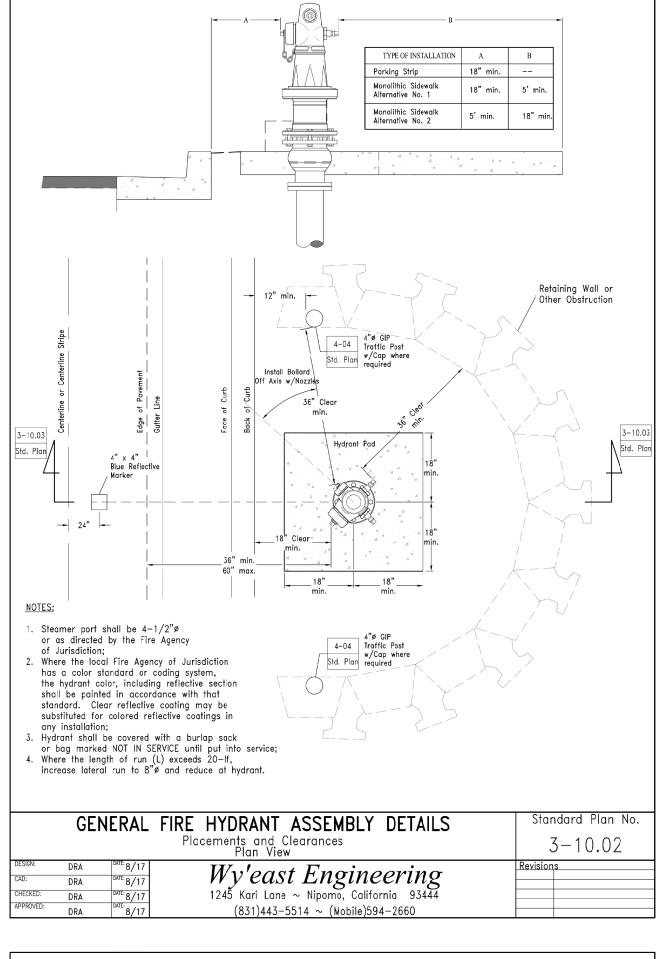
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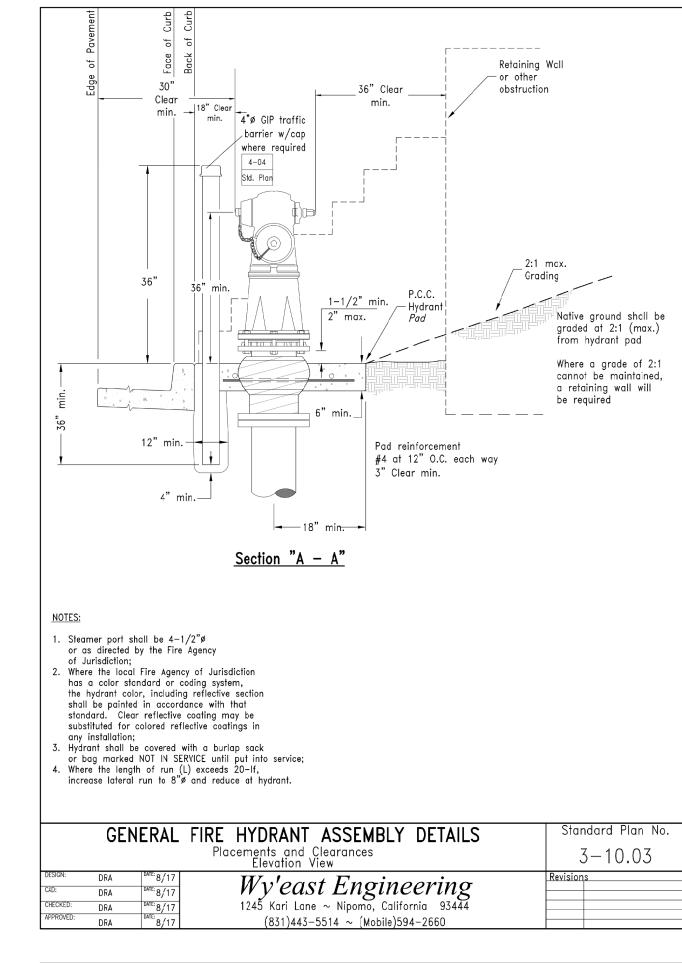
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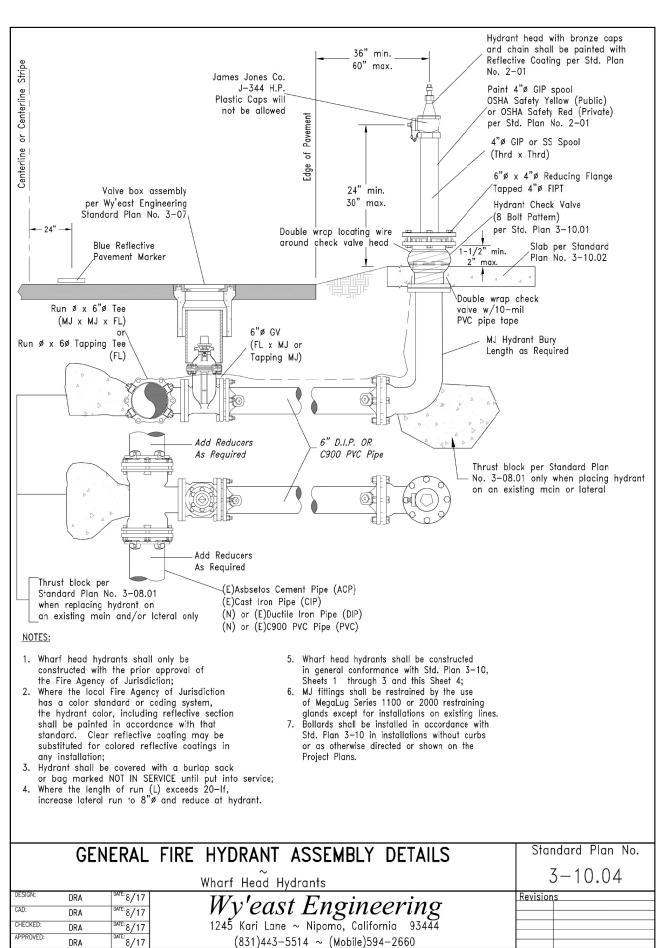
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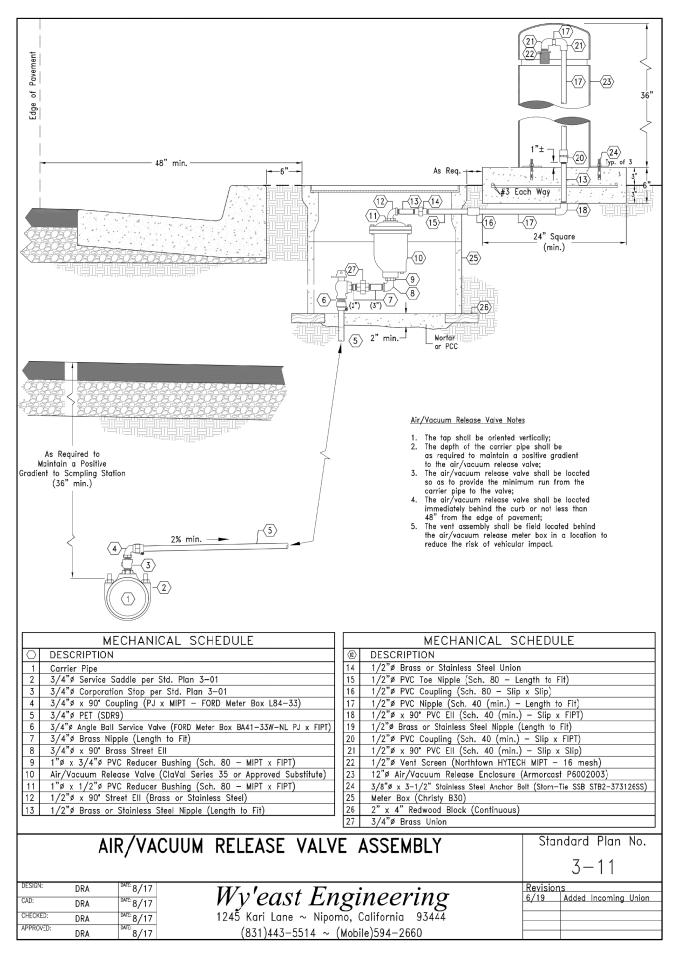
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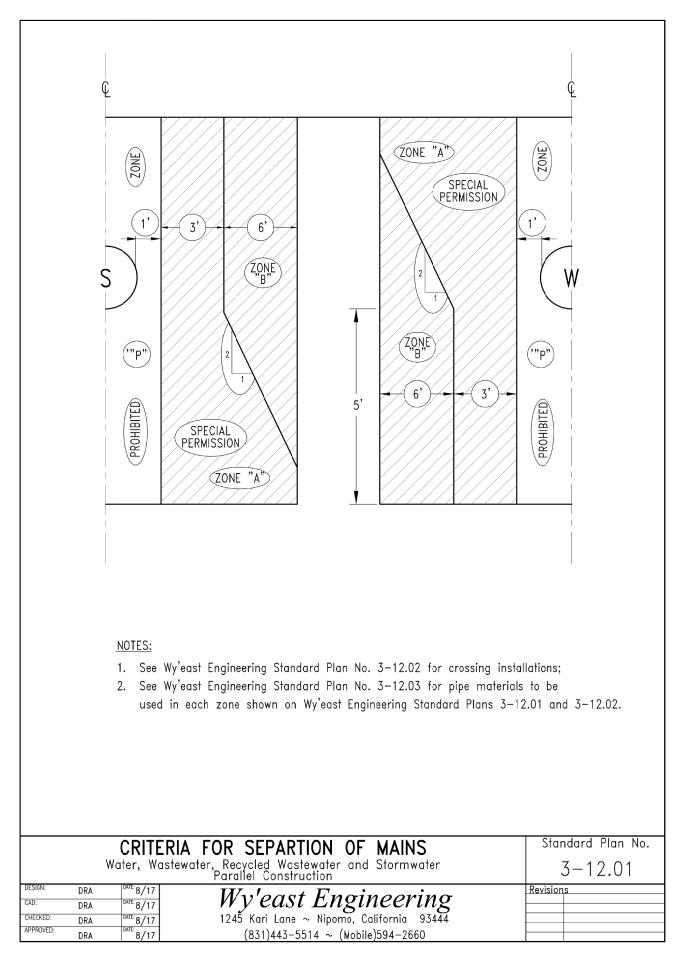
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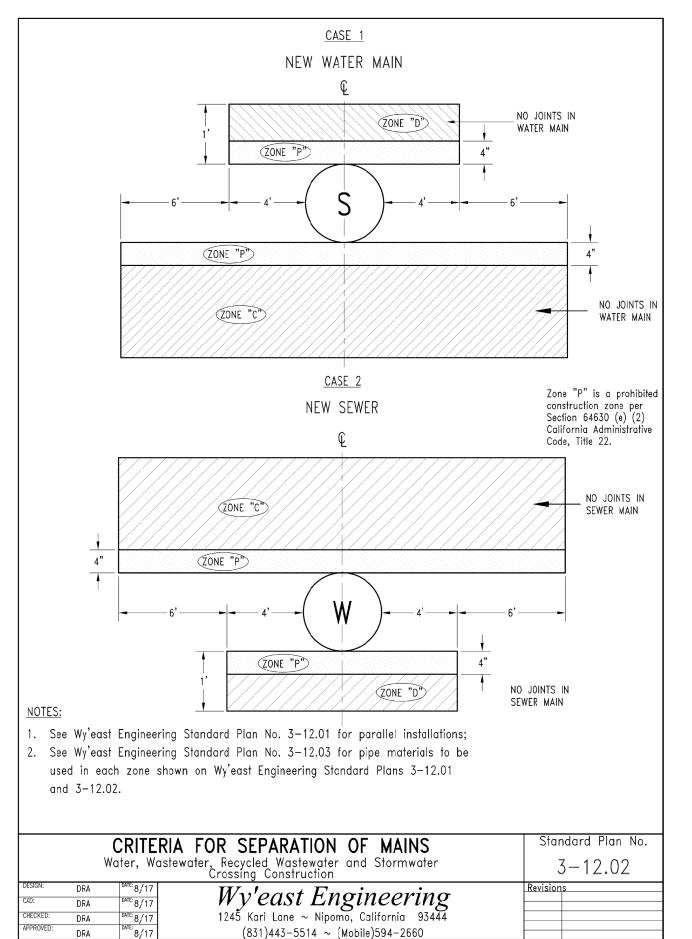
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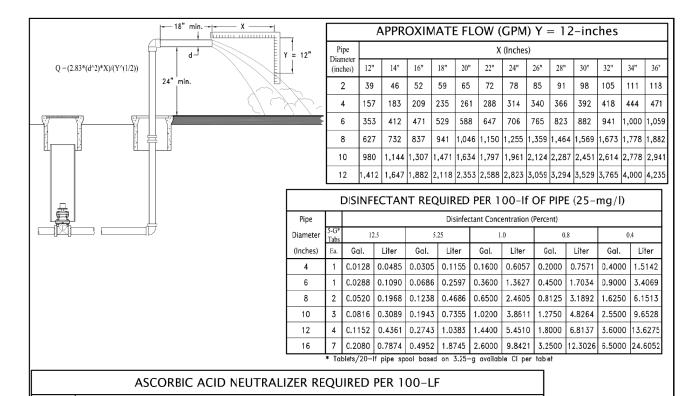
Sheet Included for Reference Only



CONSTRUCTION	PAR	ALLEL	CROSSING			
CASE ZONE	A	В	С	D		
CASE 1 NEW	SPECIAL PERMISSION ONLY	PVC AWWA - C900 CLASS 305	PVC AWWA – C900 CLASS 305	PVC AWWA — C900 CLASS 305		
WATER MAIN		DUCTILE IRON PIPE AWWA – C151 CLASS 50	DUCTILE IRON PIPE AWWA - C151 CLASS 50			
	SPECIAL PERMISSION ONLY	PVC AWWA – C900 CLASS 305	PVC AWWA - C900 CLASS 305 (20-LF CENTERED)	PVC AWWA - C900 CLASS 305 (20'-LF CENTERED)		
<u>CASE 2</u> NEW		DUCTILE IRON PIPE AWWA - C151 CLASS 50	PVC AWWA - C900 CLASS 305 (20-LF CENTERED)	PVC AWWA — C900 CLASS 305 (20—LF CENTERED)		
SEWER MAIN		VITRIFIED CLAY PIPE EXTRA—STRENGTH	CASING INSTALLATION (20'-LF CENTERED)	CASING INSTALLATION (20'-LF CENTERED)		
				CAP 10' X 10' X 4" CLASS "B" PCC		

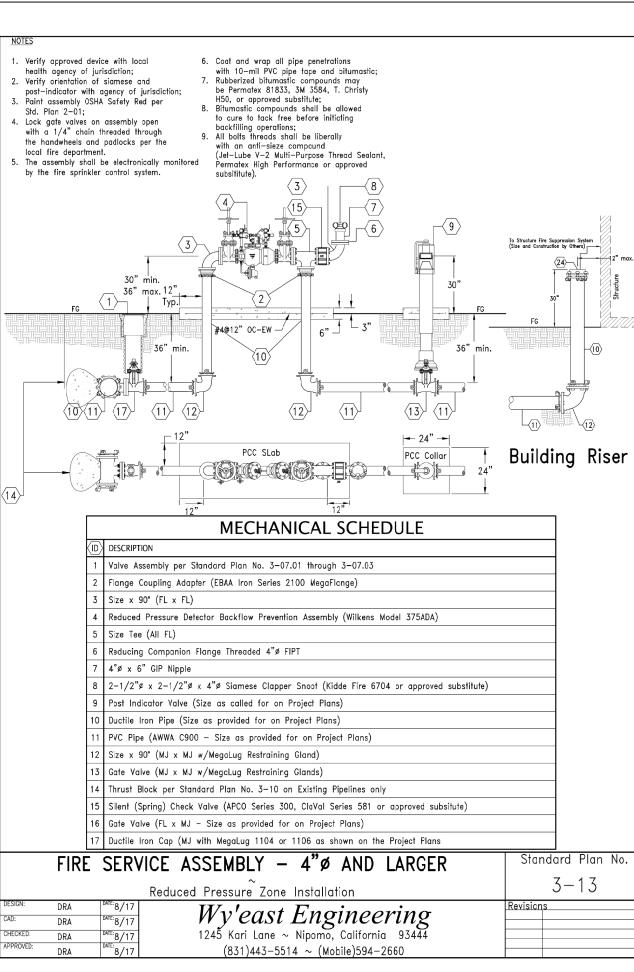
- 1. See Wy'east Engineering Standard Plan No. 3-12.02 for crossing installations;
- 2. See Wy'east Engineering Standard Plan No. 3—12.03 for pipe materials to be used in each zone shown on Wy'east Engineering Standard Plans 3-12.01 and 3-12.02.

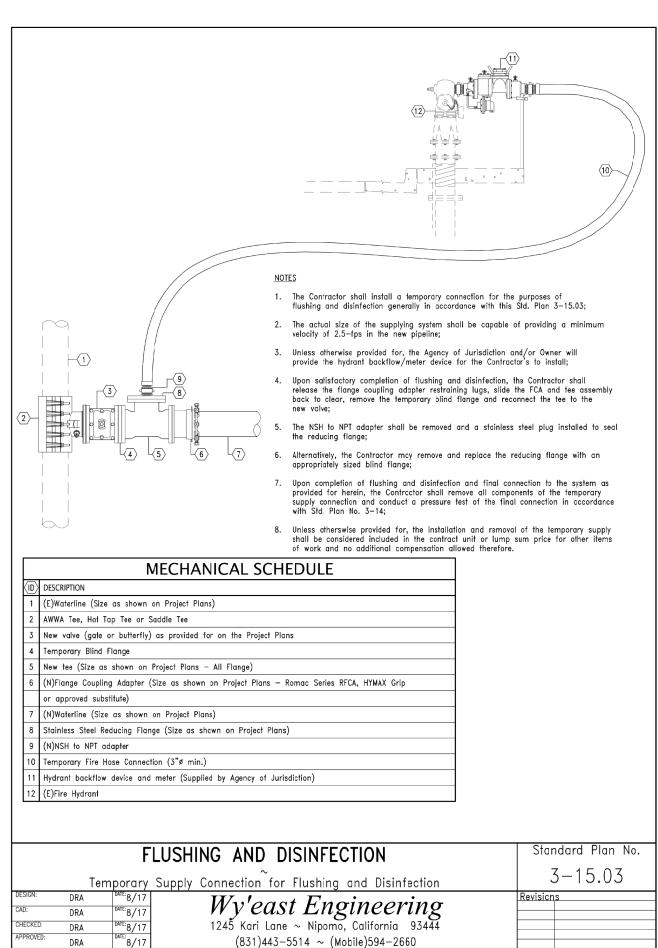
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			CRITE	RIA FOR SEPARATION OF MAINS	Star	ndard Plan No.			
		Wo	ater, Wa	stewater, Recycled Wastewater and Storm Water Materials Selection	- 2	3-12.03			
	DESIGN:	DRA	DATE: 8/17	Walant Engineering	Revision	S			
ı	CAD:	DRA	DATE: 8/17	Wy'east Engineering					
ı	CHECKED:	DRA	DATE: 8/17	1245 Kari Lane ~ Nipomo, California 93444					
ı	APPROVED:	DRA	DATE: 8/17						



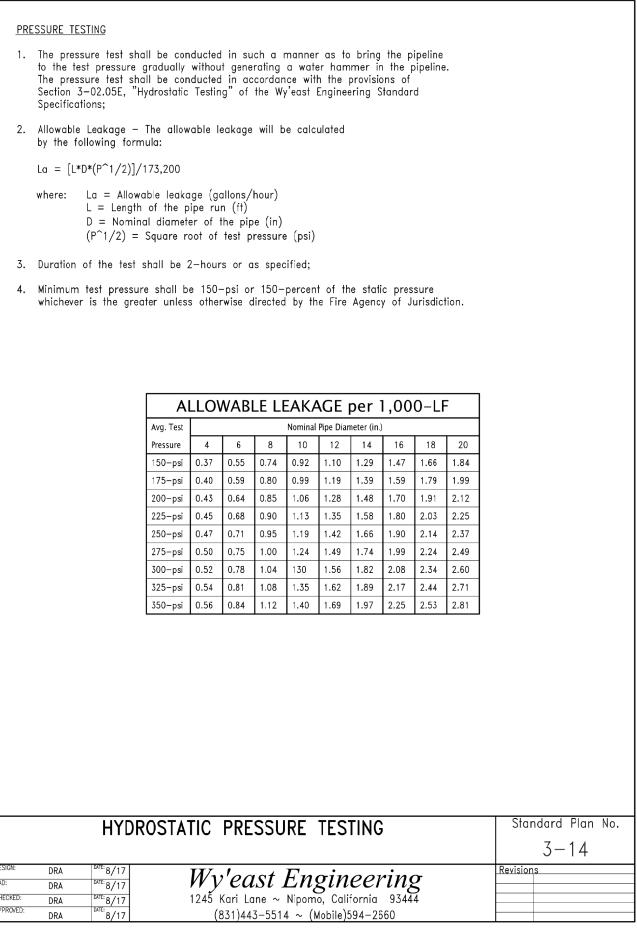
	Disinfectant Concentration (Percent)												
Pipe	Flushing (2.5-fps) (gpm)	1.	0	2	.0	5.	.0	10	0.0	25	5.0	50	0.0
Diameter (inches)			Lb/170-lf	Feed (gpm)	Lb./170-lf	Feed (gpm)	Lb./170-lf	Feed (gpm)	Lb./170-lf	Feed (gpm)	Lb./170-lf	Feed (gpm)	Lb./170-lf
4	100	0.0128	0.04	0.0305	0.07	0.0305	0.18	0.1600	0.37	0.1600	0.92	0.1600	1.83
6	220	0.0288	0.08	0.0686	0.16	0.0686	0.40	0.3600	0.81	0.3600	2.02	0.3600	4.03
8	400	0.0520	0.15	0.1238	0.29	0.1238	0.73	0.6500	1.47	0.6500	3.67	0.6500	7.33
10	625	0.0816	0.23	0.1943	0.46	0.1943	1.15	1.0200	2.29	1.0200	5.73	1.0200	11.46
12	900	0.1152	0.33	0.2743	0.66	0.2743	1.65	1.4400	3.30	1.4400	8.25	1.4400	16.50
16	1600	0.2080	0.59	0.4952	1.17	0.4952	2.93	2.6000	5.87	2.6000	14.67	2.6000	29.33
		SODI	UM AS	SCORB.	ATE N	EUTRA	LIZER	REQUI	RED PE	R 100	-LF		
		SODI	UM AS	SCORB						R 100	-LF		
Pine	Flushing			1	Di	sinfectant	Concentra	tion (Perce	nt)	<u> </u>		50	10
Pipe Diameter (inches)	Flushing (2.5-fps) (gpm)	1. Lb/170-lf		2 Lb./170-lf	Di		Concentra		nt)	ER 100		50 Lb./170-lf	Feed
Diameter	(2.5-fps)	1.	0 Feed	2	Di .0 Feed	sinfectant 5	Concentra .0 Feed	tion (Perce	nt) 1.0 Feed	25	5.0 Feed		Feed (gpm)
Diameter (inches)	(2.5-fps) (gpm)	1. Lb/170-lf	0 Feed (gpm)	2 Lb./170-lf	Di 0 Feed (gpm)	sinfectant 5.	Concentra .0 Feed (gpm)	tion (Perce	nt) 0.0 Feed (gpm)	25 Lb./170-lf	Feed (gpm)	Lb./170-lf	
Diameter (inches)	(2.5-fps) (gpm)	1. Lb/170-lf 0.0128	Feed (gpm) 0.04	2 Lb./170-lf 0.0305	Di .0 Feed (gpm) 0.09	5. Lb/170-lf 0.0305	Concentra .0 Feed (gpm) 0.22	tion (Perce 10 Lb./170-lf 0.1600	nt) Feed (gpm) 0.43	25 Lb./170-lf 0.1600	Feed (gpm) 1.08	Lb./170-lf 0.1600	Feed (gpm) 2.17 4.77
Diameter (inches) 4 6	(2.5-fps) (gpm) 100 220	1. Lb/170-lf 0.0128 0.0288	0 Feed (gpm) 0.04 0.10	2 Lb./170-lf 0.0305 0.0686	Di .0 Feed (gpm) 0.09 0.19	5. Lb./170-lf 0.0305 0.0686	Concentra Description Feed (gpm) 0.22 0.48	tion (Perce 10 Lb./170-lf 0.1600 0.3600	Feed (gpm) 0.43 0.95	25 Lb./170-lf 0.1600 0.3600	Feed (gpm) 1.08 2.38	Lb./170-lf 0.1600 0.3600	Feed (gpm) 2.17 4.77 8.67
Diameter (inches) 4 6 8	(2.5-îps) (gpm) 100 220 400	1. Lb/170-lf 0.0128 0.0288 0.0520	0 Feed (gpm) 0.04 0.10	2 Lb./170-lf 0.0305 0.0686 0.1238	Di Feed (gpm) 0.09 0.19 0.35	5. Lb/170-lf 0.0305 0.0686 0.1238	Concentra .0 Feed (gpm) 0.22 0.48 0.87	tion (Perce 10 Lb./170-lf 0.1600 0.3600 0.6500	nt) Feed (gpm) 0.43 0.95 1.73	25 Lb./170-lf 0.1600 0.3600 0.6500	Feed (gpm) 1.08 2.38 4.33	Lb./170-lf 0.1600 0.3600 0.6500	Feed (gpm) 2.17

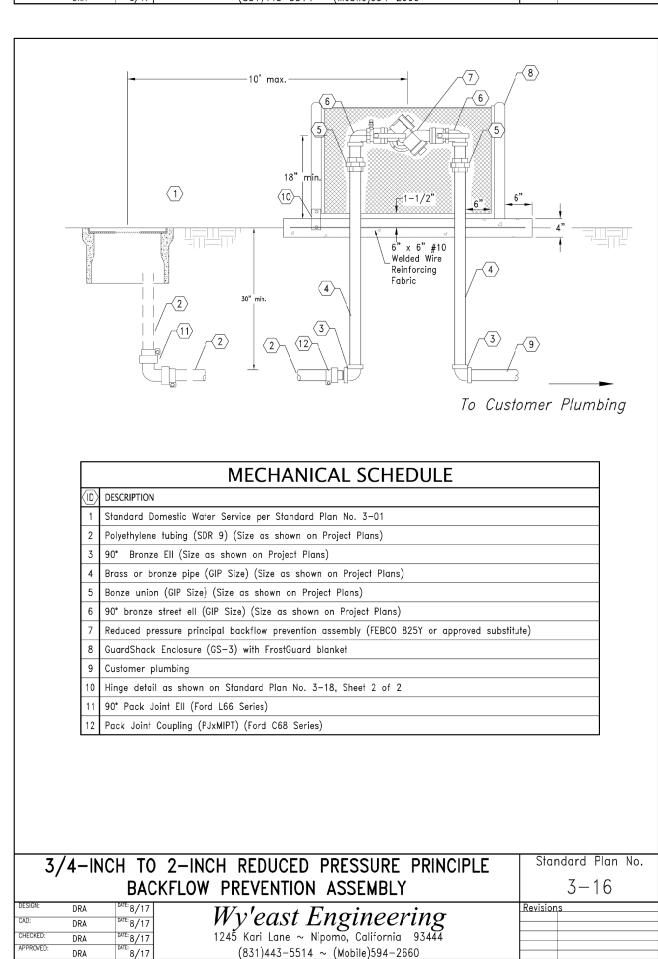
		FL	USHING AND DISINFECTION	Standard Plan No.
		3-15.02		
DESIGN: CAD:	DRA DRA	DATE: 8/17	Wy'east Engineering 1245 Kari Lane ~ Nipomo, California 93444	Revisions
CHECKED: APPROVED:	DRA DRA	DATE: 8/17 DATE: 8/17	1245 Kari Lane ~ Nipomo, California 93444 (831)443-5514 ~ (Mobile)594-2660	

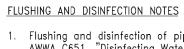




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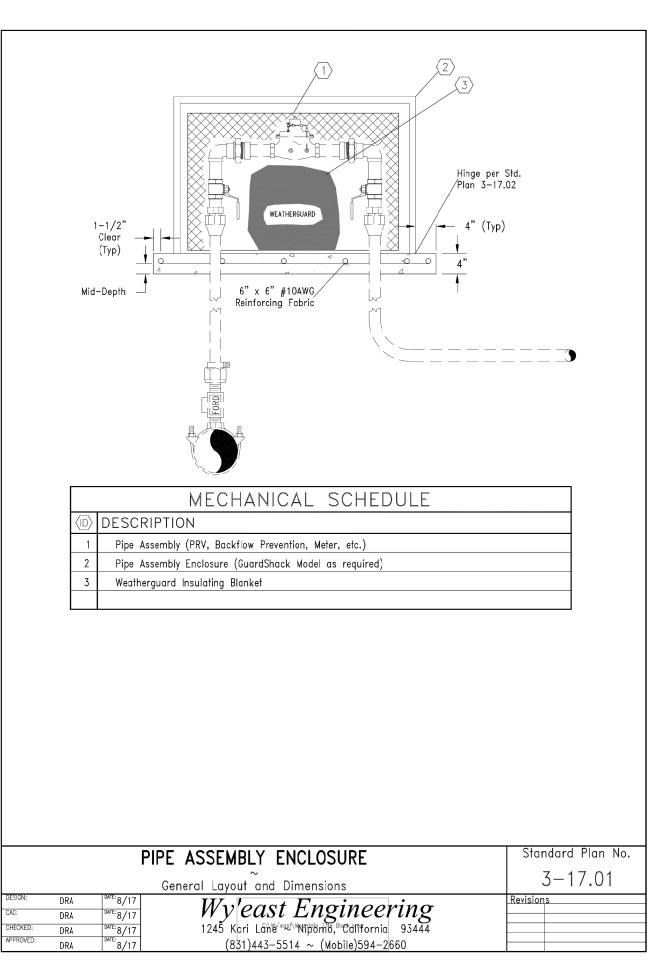






- 1. Flushing and disinfection of pipelines shall be in accordance with AWWA C651, "Disinfecting Water Mains" and the Wy'east Engineering Standard Specifications and Standard Plans;
- 2. All pipelines shall be flushed at a minimum velocity of 2.5—fps;
- 3. Disposal of flushing water shall be routed to a safe discharge point. The Contractor shall be responsible for controlling the discharge of flushing water to a safe discharge point including but not limited to, energy dissipators, diking, berms, and erosion
- 4. Disposal of chlorinated water shall include neutralizing the water by the use of sodium ascorbate, ascorbic acid or other approved means prior to release to receiving waters;
- 5. The water in the pipeline shall be brought to a concentration of
- 6. Slug disinfection shall only be used with the express prior written permission of the Engineer;
- 7. The Contractor shall be responsible for providing a means of injecting disinfectant to the pipelines including but not limited to, tablet chlorination or direct feed hypochlorite injection.
- 8. If the Contractor opts for direct feed of hypochlorite, the Contractor shall construct a chlorination tap in accordance with Std. Plan No. 3-05. Chlorination Tap of the Wy'east Engineering Standard Specifications and Standard Plans:
- 9. The chlorinated solution shall be held in the pipeline a minimum of 24-hours and a maximum of 48-hours with the permission of
- 10. Upon completion of the residence time, the pipeline shall be thoroughly flushed prior to sampling for bacteriological analysis;
- 11. Flushing and disinfection shall be so scheduled that samples may be taken by the Engineer no later than 1200 for delivery to the
- 12. No samples will be taken for analysis after 1200, Thursday except for emergency conditions;
- 13. The pipeline shall not be put into service until a satisfactory result is obtained from laboratory analysis.

		Standard Plan No.		
		3-15.01		
DESIGN:	DRA	DATE: 8/17	Wylogst Engineering	Revisions
CAD:	DRA	DATE: 8/17	Wy'east Engineering 1245 Kari Lane ~ Nipomo, California 93444	
CHECKED:	DRA	DATE: 8/17		
APPROVED:	DRA	DATE: 8/17	(831)443-5514 ~ (Mobile)594-2660	



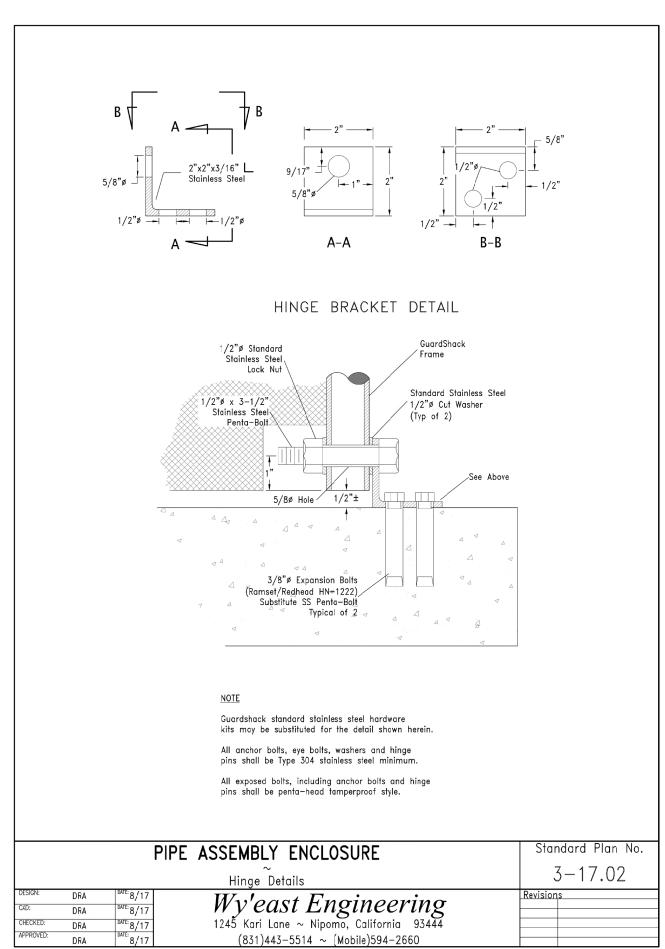
Sheet Included for Reference Only

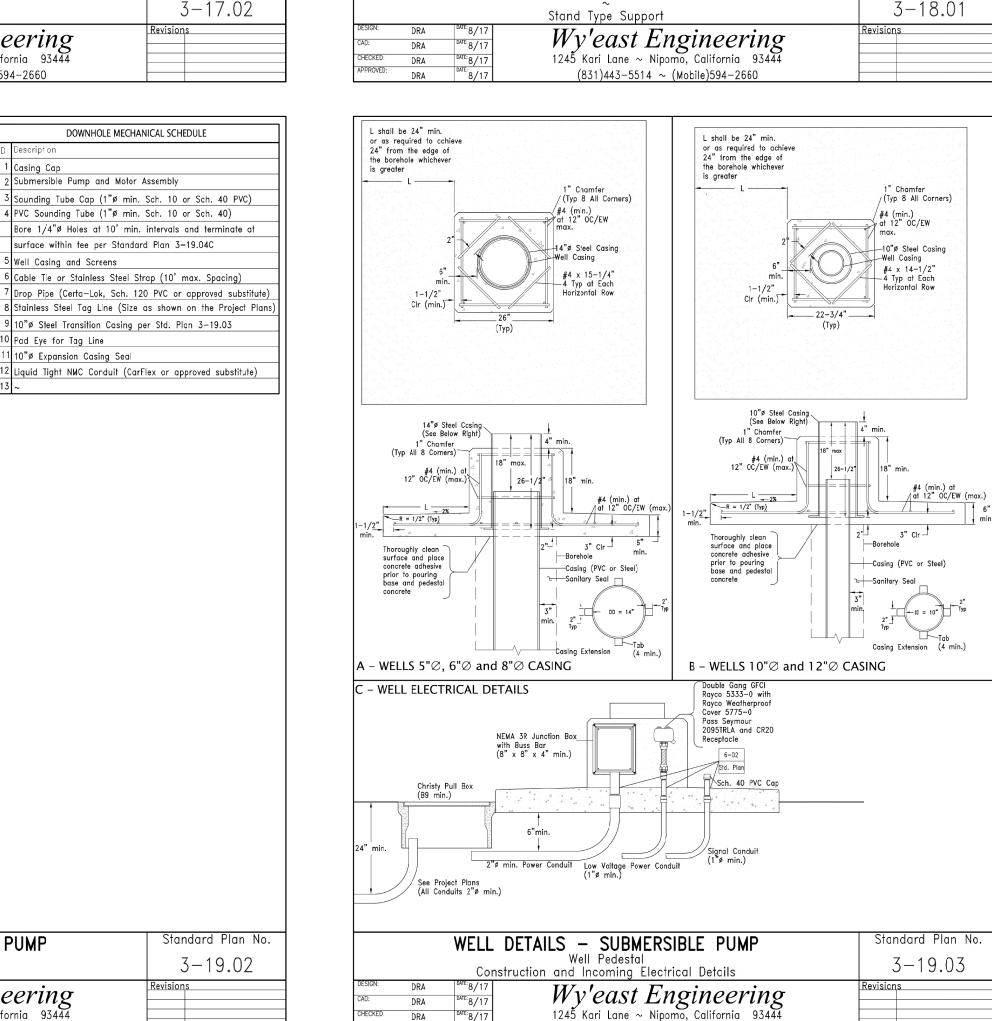
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COMPANY

MUTUAL WATER
). Box 588

o.





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1. The type of pipe support shall be as provided

2. Pipe supports shall be factory fabricated;

3. No field fabricated supports shall be used;

5. Risers shall be fabricated of 2"Ø Galvanized

4. Unless otherwise specified, all materials shall be

minimum compressive load of 10,000-lbs;

A36 galvanized steel designed and tested to a

for on the Project Plans;

Iron Pipe;

6. Stainless steel (Type 304) may be substituted for

7. The pipe support shall be bolted to the concrete

slab or pad with 4-ea. 3/8"ø stainless steel

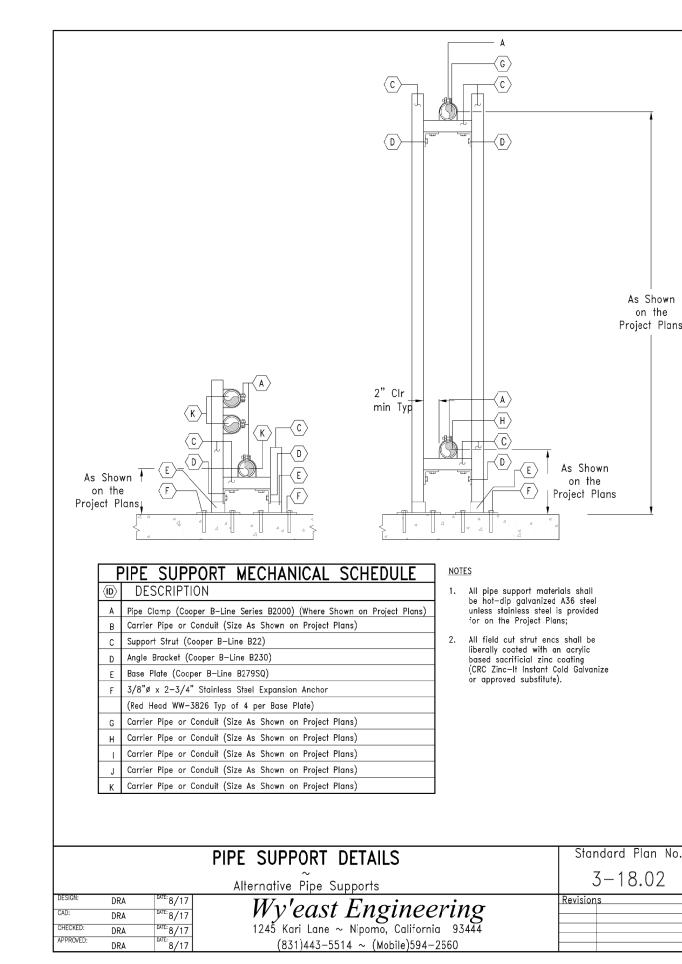
expansion anchors (Red Head WW-3825);

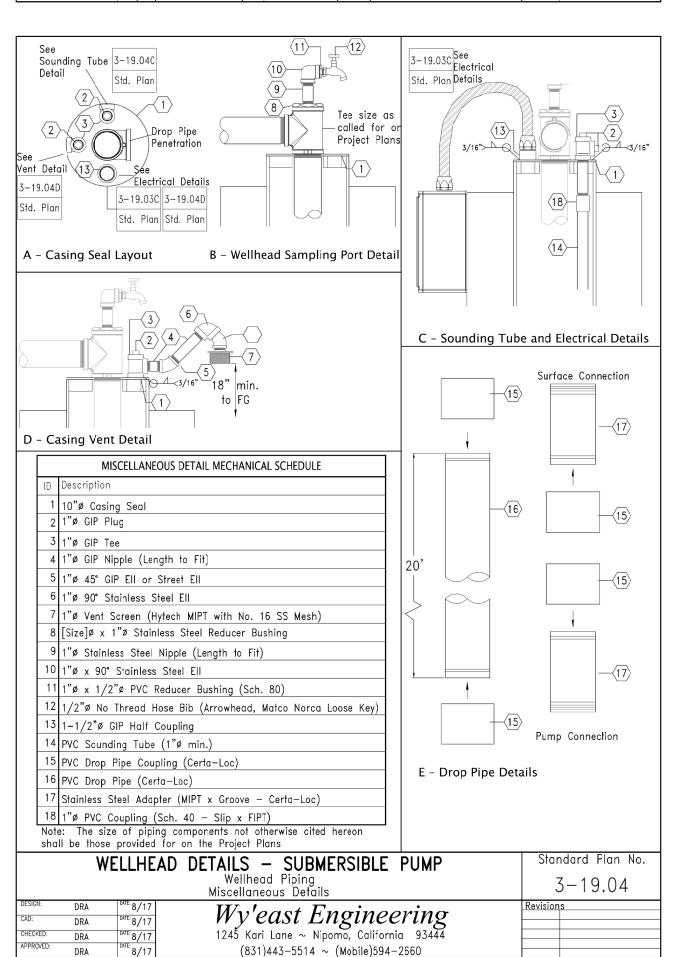
8. The pipe support may be painted to match the

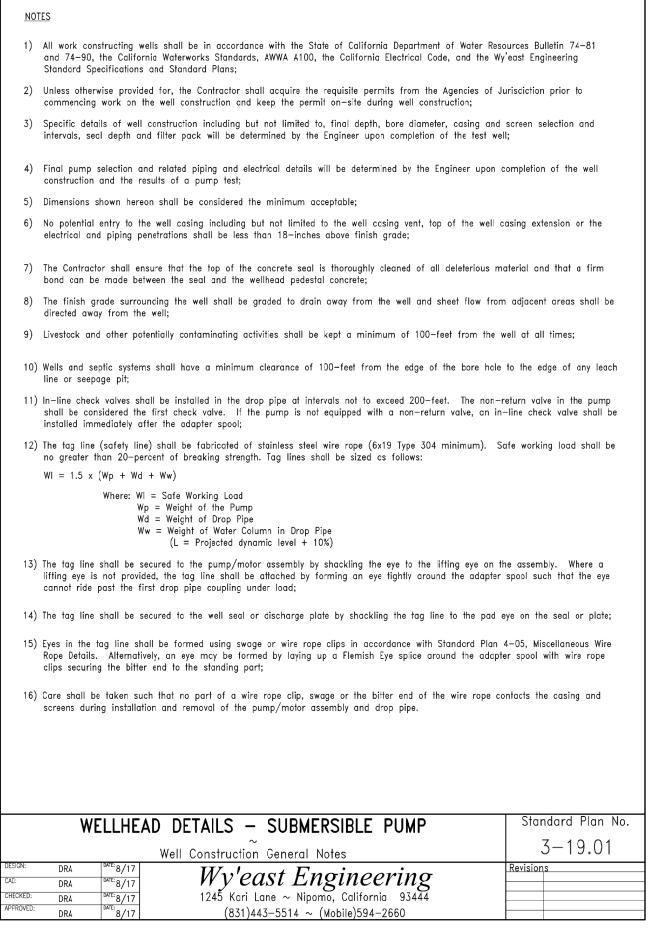
Standard Plan No.

assembly being supported.

GIP pipe, fittings and galvanized plate wherever







5

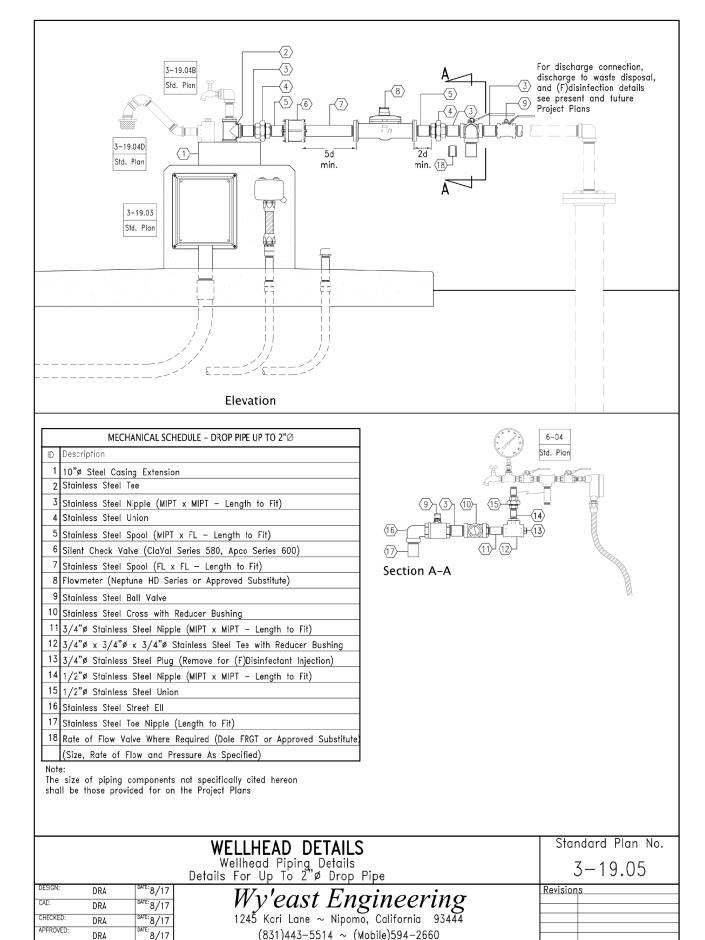
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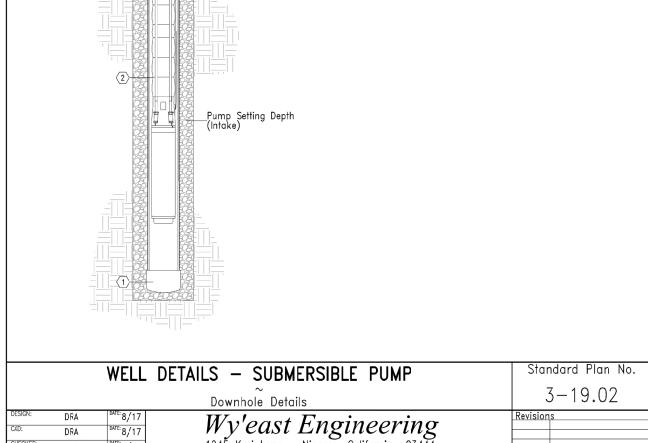
COMPANY

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Std. Plan

-Boreĥole

—Casing (PVC or Steel) —Sanitary Seal Maintain 3" min.

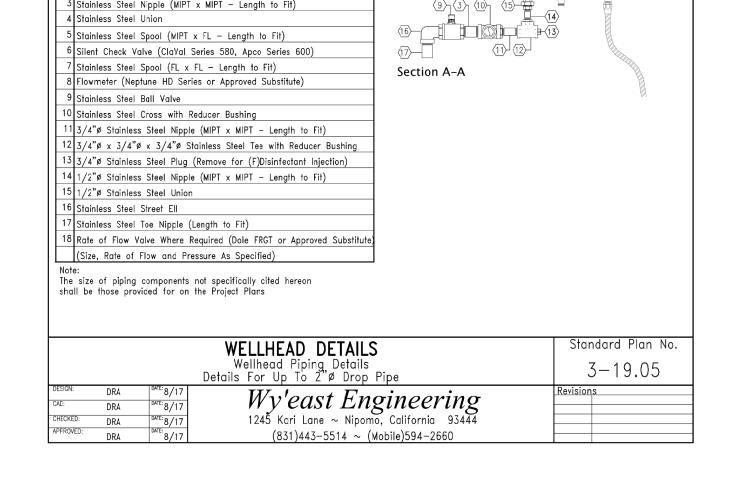
(Radial Thickness)

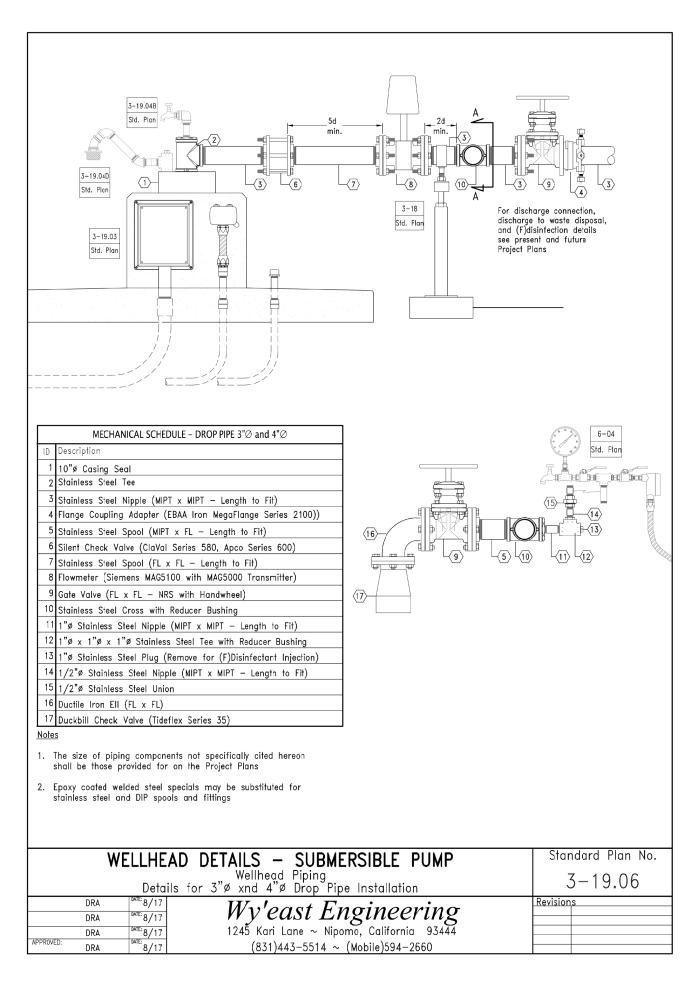
—Filter Pack

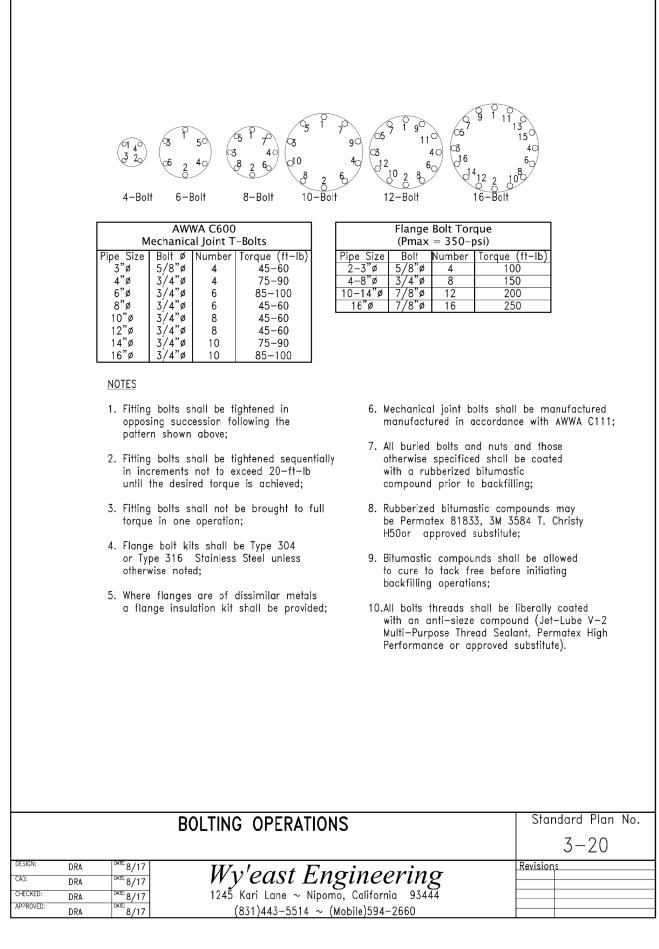
(As Specified)

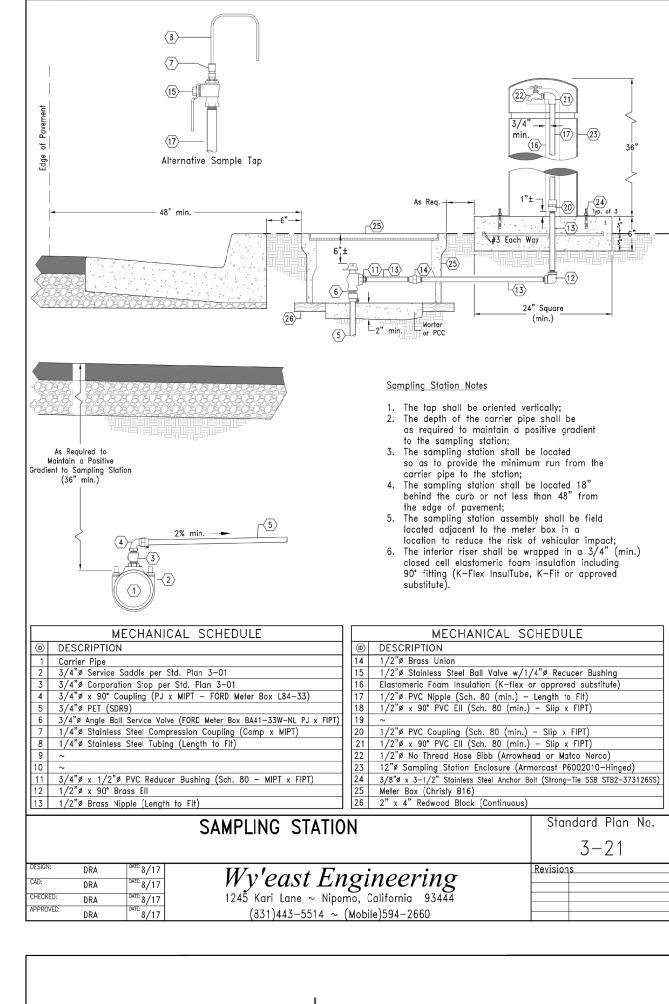
Annular Space

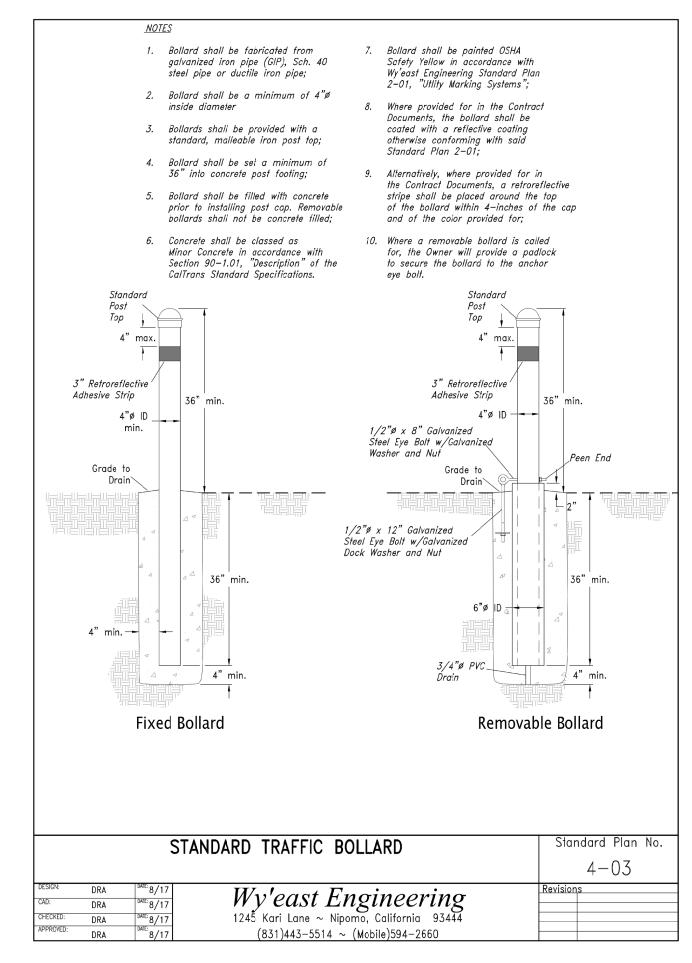
(Flomatic or Approved Substitute)









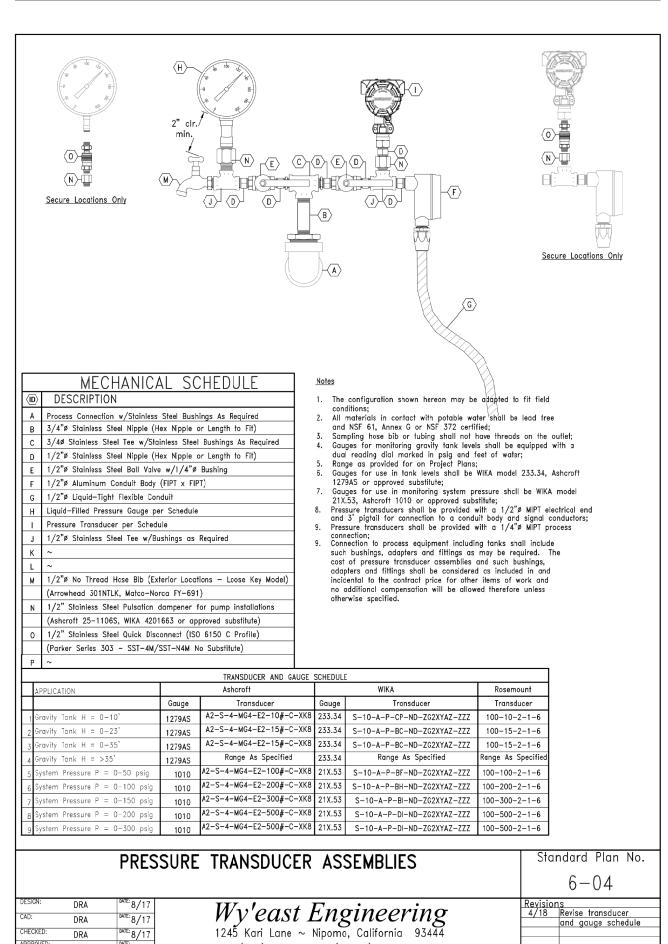


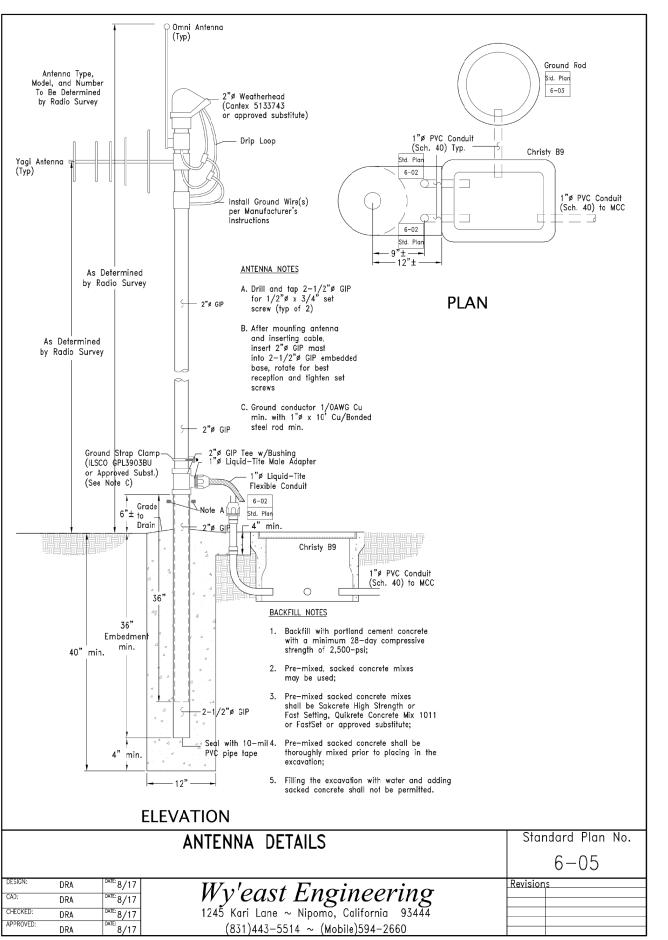
Water | Proje

MUTUAL WATER). Box 588

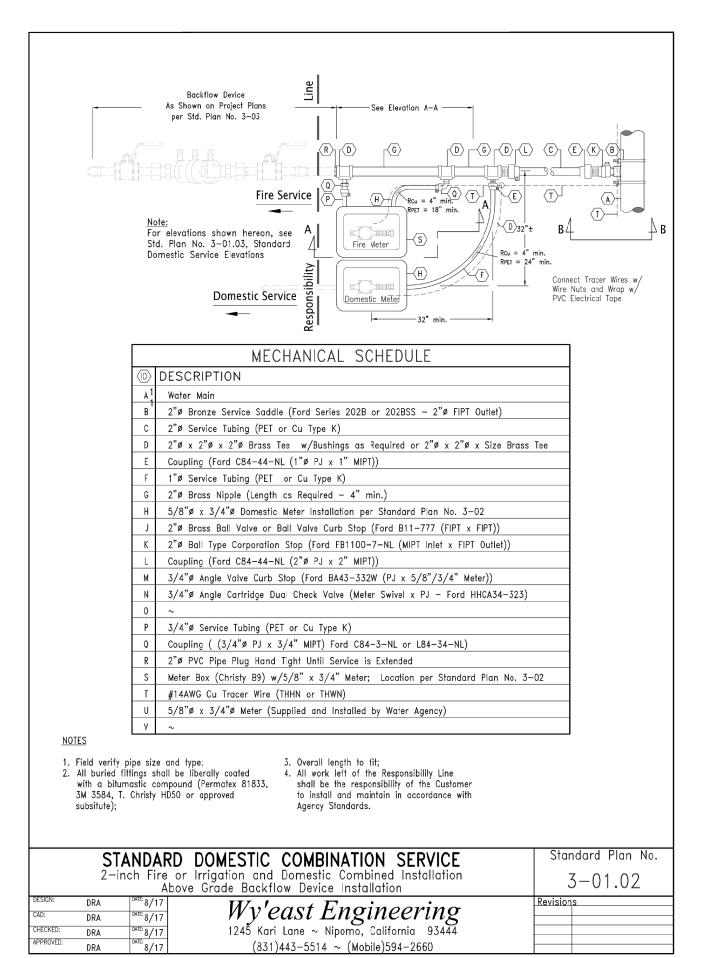
Gato

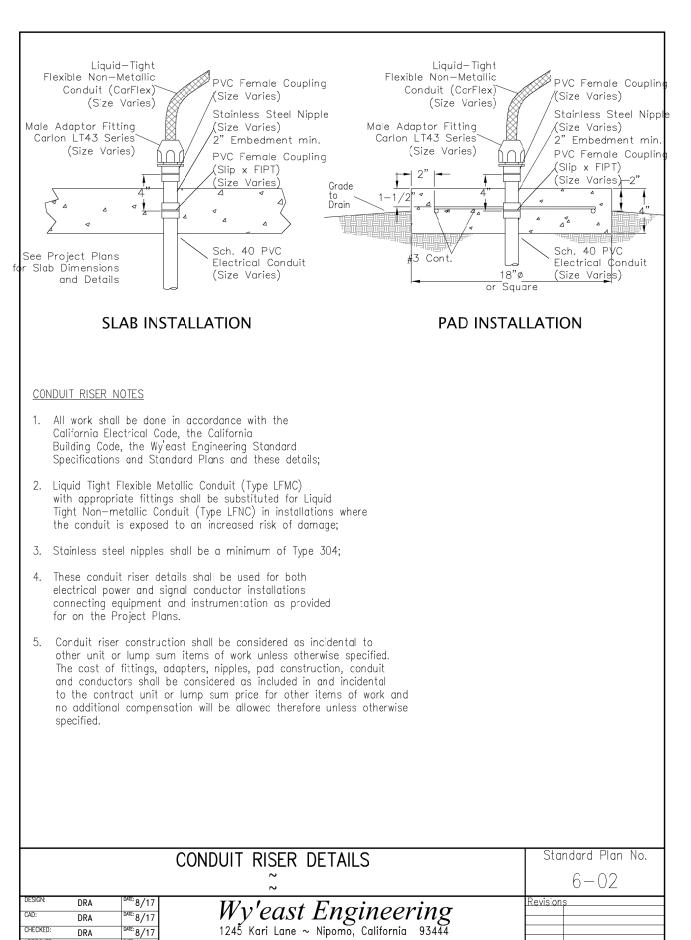
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