Community Services Department

Planning and Building

SPECIAL USE PERMIT (see page 7)

SPECIAL USE PERMIT FOR GRADING (see page 9)

SPECIAL USE PERMIT FOR STABLES (see page 12)

APPLICATION



Community Services Department Planning and Building 1001 E. Ninth St., Bldg. A Reno, NV 89512-2845

Telephone: 775.328.6100

Washoe County Development Application

Your entire application is a public record. If you have a concern about releasing personal information, please contact Planning and Building staff at 775.328.6100.

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Property Owner Affidavit

Applicant Name:	Washoe County Communit	y Services Department
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The receipt of this application at the time of submittal does not guarantee the application complies with all requirements of the Washoe County Development Code, the Washoe County Master Plan or the applicable area plan, the applicable regulatory zoning, or that the application is deemed complete and will be processed.

STATE OF NEVADA

COUNTY OF WASHOE

YNE

being duly sworn, depose and say that I am the owner* of the property or properties involved in this application as listed below and that the foregoing statements and answers herein contained and the information herewith submitted are in all respects complete, true, and correct to the best of my knowledge and belief. I understand that no assurance or guarantee can be given by members of Planning and Building.

(A separate Affidavit must be provided by each property owner named in the title report.)

Assessor Parcel Number(s): 142-020-06

	Printed Name Dwarne Smith
	Signed
	Address 1001 E. 912 St. RIND, NU 8511
Subscribed and sworn to before me this day of <u>December</u> , 2021.	(Notary Stamp)
Pacey Kerbact Notary Public in and for said county and state	LACEY KERFOOT Notary Public - State of Nevada Appointment Recorded in Washoe County
My commission expires: 01/27/2025	No: 21-5470-02 - Expires January 27, 2025

*Owner refers to the following: (Please mark appropriate box.)

Owner

- Corporate Officer/Partner (Provide copy of record document indicating authority to sign.)
- Dever of Attorney (Provide copy of Power of Attorney.)
- Owner Agent (Provide notarized letter from property owner giving legal authority to agent.)
- Property Agent (Provide copy of record document indicating authority to sign.)
- Letter from Government Agency with Stewardship

Special Use Permit Application Supplemental Information

(All required information may be separately attached)

1. What is the project being requested?

Add a deceleration lane in the ROW and approximately 0.4 acres of pavement on the parcel to provide access for a new truck effluent water fill facility at the existing County reclaim water reservoir and pump station site. This project also requests a modification to vary land use standards to modify landscape requirements of

residential buffering by providing for double the required landscaping of 20% of the
 Provide a site plan with all existing and proposed structures (e.g. new structures, roadway improvements, utilities, sanitation, water supply, drainage, parking, signs, etc.)

See plans for the site layout.

3. What is the intended phasing schedule for the construction and completion of the project?

This project is intended to be constructed in one phase in 2022.

4. What physical characteristics of your location and/or premises are especially suited to deal with the impacts and the intensity of your proposed use?

The site is generally flat for truck access, adjacent to a collector roadway, and has existing effluent infrastructure and matches the existing use.

5. What are the anticipated beneficial aspects or affects your project will have on adjacent properties and the community?

This site will provide a local construction water truck-fill site that provides reclaimed water which will reduce the community need on precious potable water higher value uses than construction, and may also reduce truck traffic in some instances by bringing construction water access closer to where it is needed.

- 6. What are the anticipated negative impacts or affect your project will have on adjacent properties? How will you mitigate these impacts?
- 7. Provide specific information on landscaping, parking, type of signs and lighting, and all other code

Two flood lights are specified and will include side shields and occupancy sensors to limit the time that they are on. Only small roadway, as required by MUTCD, and effluent warning signs, as required by NPED permit, are proposed. Landscaping has been developed to shield the minimal above grade improvements from the roadway and adjacent homes. This project is requesting a modification to the required residential landscape buffering. In lieu of one tree every twenty feet of parcel bordering residential parcels this project is providing an additional landscaping above the 20% requirement. 8. Are there any restrictive covenants, recorded conditions, or deed restrictions (CC&Rs) that apply to the area subject to the special use permit request? (If so, please attach a copy.)

Yes	D No
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9. Utilities:

a. Sewer Service	
b. Electrical Service	
c. Telephone Service	
d. LPG or Natural Gas Service	
e. Solid Waste Disposal Service	
f. Cable Television Service	
g. Water Service	

For most uses, Washoe County Code, Chapter 110, Article 422, Water and Sewer Resource Requirements, requires the dedication of water rights to Washoe County. Please indicate the type and quantity of water rights you have available should dedication be required.

h. Permit #	acre-feet per year	
i. Certificate #	acre-feet per year	
j. Surface Claim #	acre-feet per year	
k. Other #	acre-feet per year	

Title of those rights (as filed with the State Engineer in the Division of Water Resources of the Department of Conservation and Natural Resources).

	NA	
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10. Community Services (provided and nearest facility):

a. Fire Station	
b. Health Care Facility	
c. Elementary School	
d. Middle School	
e. High School	
f. Parks	
g. Library	
h. Citifare Bus Stop	

Special Use Permit Application for Grading Supplemental Information

(All required information may be separately attached)

1. What is the purpose of the grading?

To provide driveway access to and from the fill station pads and grading for fill station pads themselves.

2. How many cubic yards of material are you proposing to excavate on site?

2,500 +/- CY

3. How many square feet of surface of the property are you disturbing?

43,100 +/- SF including new

landscaping.

4. How many cubic yards of material are you exporting or importing? If none, how are you managing to balance the work on-site?

684 CY of import for driveway pavement section (AB and AC)

5. Is it possible to develop your property without surpassing the grading thresholds requiring a Special Use Permit? (Explain fully your answer.)

Yes, the work associated with this project does not meet the requirements for a Special Use Permit for grading, see below.

6. Has any portion of the grading shown on the plan been done previously? (If yes, explain the circumstances, the year the work was done, and who completed the work.)

The existing project area is partially developed. Portions of the proposed grading have been done in accordance with the 1996/1997 SUPs that created the access driveway for the existing facility. The the grading plan was strategically developed to closely match existing grades and lie within the existing access way on site.

7. Have you shown all areas on your site plan that are proposed to be disturbed by grading? (If no, explain your answer.)

Yes

8. Can the disturbed area be seen from off-site? If yes, from which directions and which properties or roadways?

Yes, the disturbed area will be slightly visible from Arrowcreek Parkway south of the project area and will be constructed over the existing unpaved road; however the proposed grading is very close to the existing grading and will now be shielded by strategically located landscaping.

9. Could neighboring properties also be served by the proposed access/grading requested (i.e. if you are creating a driveway, would it be used for access to additional neighboring properties)?

No

10. What is the slope (horizontal/vertical) of the cut and fill areas proposed to be? What methods will be used to prevent erosion until the revegetation is established?

The proposed minor fill slope (1'+/-) adjacent to the driveway is 3:1 and there will be a silt fence installed prior to construction at the toe of slope. All existing inlets will be protected using BMPs.

11. Are you planning any berms?

Yes No If yes, how tall is the berm at its highest?

12. If your property slopes and you are leveling a pad for a building, are retaining walls going to be required? If so, how high will the walls be and what is their construction (i.e. rockery, concrete, timber, manufactured block)?

N/A

13. What are you proposing for visual mitigation of the work?

The proposed work will be visually mitigated with strategic landscaping, brown paint matching existing infrastructure, and downcast shielded lights on occupancy sensors and access controls.

14. Will the grading proposed require removal of any trees? If so, what species, how many and of what size?

No

15. What type of revegetation seed mix are you planning to use and how many pounds per acre do you intend to broadcast? Will you use mulch and, if so, what type?

No revegetation is proposed due to minimal disturbance to the site.

16. How are you providing temporary irrigation to the disturbed area?

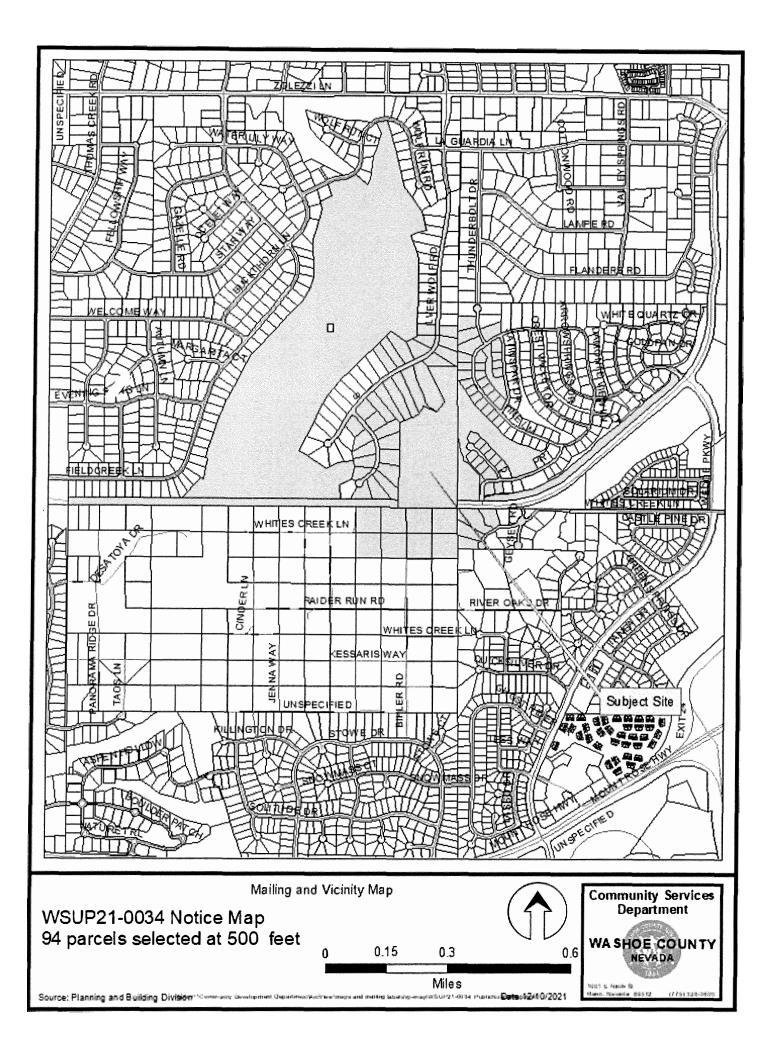
Water trucks will be used by contractor to provide dust suppression. Permanent irrigation for landscape improvements included on the plans.

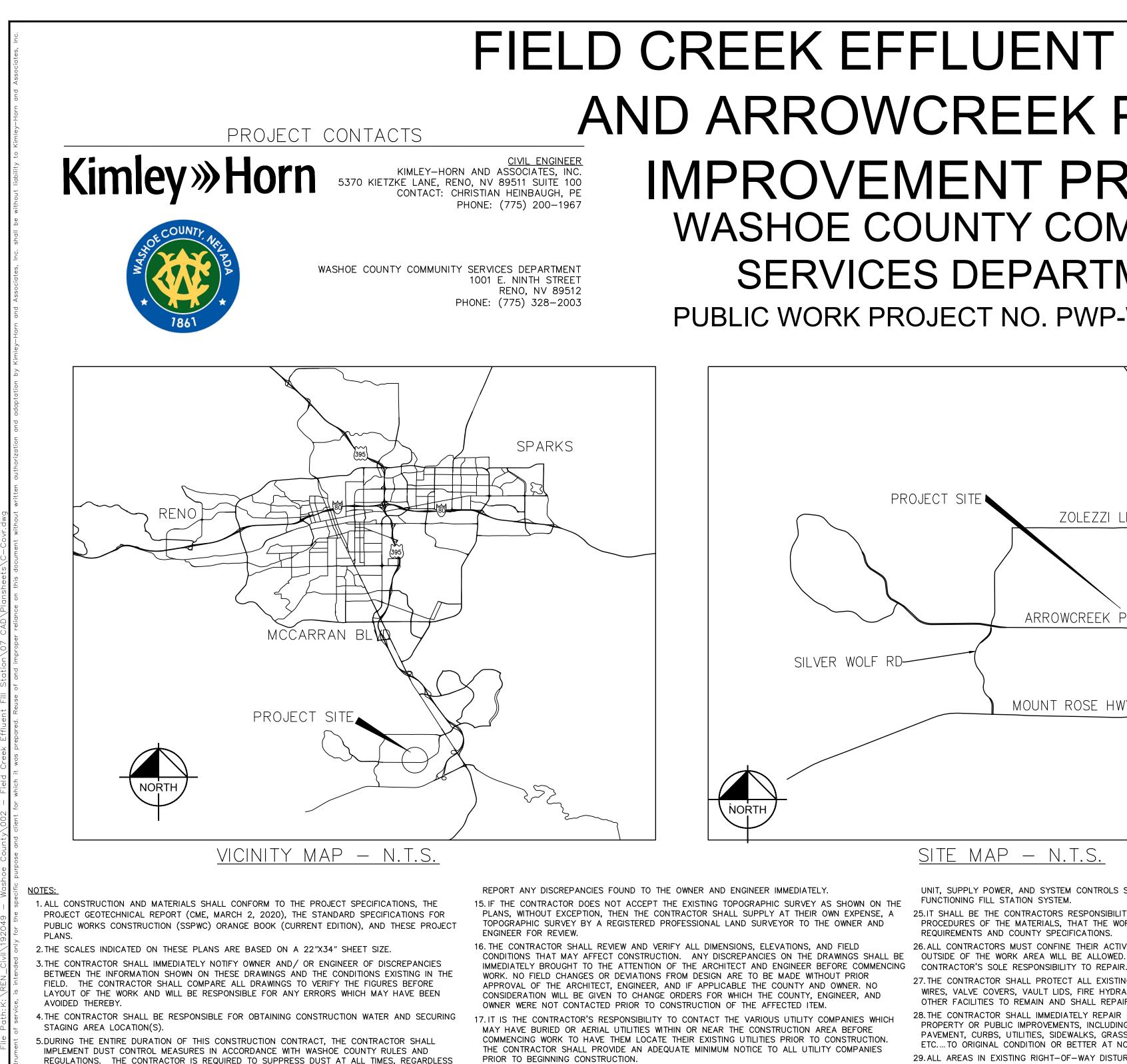
17. Have you reviewed the revegetation plan with the Washoe Storey Conservation District? If yes, have you incorporated their suggestions?

N/A

18. Are there any restrictive covenants, recorded conditions, or deed restrictions (CC&Rs) that may prohibit the requested grading?

Yes No If yes, please attach a copy.	Yes	No	II ves, please attach a copy.
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- REGULATIONS. THE CONTRACTOR IS REQUIRED TO SUPPRESS DUST AT ALL TIMES, REGARDLESS OF WHEN CONSTRUCTION ACTIVITIES ARE OCCURRING. THE CONTRACTOR SHALL OBTAIN A STORMWATER GENERAL OR A SURFACE AREA DISTURBANCE PERMIT FROM THE NEVADA DEPARTMENT OF ENVIRONMENTAL PROTECTION AS REQUIRED, AND SHALL COMPLY WITH ITS REQUIREMENTS FOR DUST CONTROL ON ALL APPLICABLE PROJECTS.
- 6.THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND OTHER INFRASTRUCTURE THROUGHOUT CONSTRUCTION. DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE.
- 7.CONTRACTOR SHALL ENSURE NO ENCROACHMENT INTO ADJACENT PROPERTIES OCCURS 8.TRAFFIC CONTROL, CONSTRUCTION SIGNS, AND BARRICADES SHALL CONFORM TO THE
- REQUIREMENTS OF THE MUTCD, LATEST EDITION (MAY, 2012). 9. THE CONTRACTOR SHALL COOPERATE WITH ANY OTHER CONTRACTORS OR UTILITY AGENCIES WORKING WITHIN THE CONSTRUCTION AREA.
- 10. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH SSPWC, THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE COUNTY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION AND DETAIL SHALL BE FOLLOWED.
- 11. THE CONTRACTOR SHALL FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AUTHORITIES' SPECIFICATIONS AND REQUIREMENTS.
- 12. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS. 13. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE PROVIDED BY THE TOPOGRAPHIC SURVEY PREPARED BY THE PROJECT SURVEYOR, AND ARE BASED ON THE BENCHMARKS SHOWN. THE CONTRACTOR SHALL REFERENCE THE SAME BENCHMARKS.
- 14. THE CONTRACTOR SHALL REVIEW AND VERIFY THE EXISTING TOPOGRAPHIC SURVEY SHOWN ON THE PLANS REPRESENTS EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION, AND SHALL

- 18. CONTRACTOR SHALL USE EXTREME CAUTION AS THE SITE CONTAINS VARIOUS KNOWN AND UNKNOWN PUBLIC AND PRIVATE UTILITIES.
- 19. THE LOCATIONS, ELEVATIONS, DEPTH, AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE UTILITY COMPANY MAPS AND PLANS, AND ARE CONSIDERED APPROXIMATE AND INCOMPLETE. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO VERIFY THE PRESENCE, LOCATION, ELEVATION, DEPTH, AND DIMENSION OF EXISTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION SO THAT ADJUSTMENTS CAN BE MADE TO PROVIDE ADEQUATE CLEARANCES. THE ENGINEER SHALL BE NOTIFIED WHEN A PROPOSED IMPROVEMENT CONFLICTS WITH AN EXISTING UTILITY.
- FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
- 21. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS. APPROVALS, AND BONDS PRIOR TO CONSTRUCTION. A CITY OF RENO EXCAVATION AND ENCROACHMENT PERMIT WILL BE REQUIRED.
- 22. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, GEOTECHNICAL REPORT AND ADDENDA, PROJECT AND COUNTY SPECIFICATIONS, AND SPECIAL CONDITIONS, COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, EROSION CONTROL PLANS, SWPPP AND INSPECTION REPORTS.
- 23. ALL SHOP DRAWINGS AND OTHER DOCUMENTS THAT REQUIRE ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF CONSTRUCTION OF THAT ITEM, SO THAT NO LESS THAN 10 BUSINESS DAYS FOR REVIEW AND RESPONSE IS AVAILABLE.
- 24. CONTRACTOR SHALL PROVIDE A COMPLETE SYSTEM CONSISTING OF PUMPS, FUEL MANAGMENT

FIELD CREEK EFFLUENT FILL STATION AND ARROWCREEK PARKWAY **IMPROVEMENT PROJECT** WASHOE COUNTY COMMUNITY SERVICES DEPARTMENT PUBLIC WORK PROJECT NO. PWP-WA-2021-279

PROJECT SITE ZOLEZZI LN ARROWCREEK PKWY SILVER WOLF RE MOUNT ROSE HW NORTH SITE MAP – N.T.S.

UNIT. SUPPLY POWER, AND SYSTEM CONTROLS SUITABLE FOR A COMPLETE AND FULLY FUNCTIONING FILL STATION SYSTEM.

25.IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE MATERIALS, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND COUNTY SPECIFICATIONS.

26. ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS CONDITIONS THAT MAY AFFECT CONSTRUCTION. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE OUTSIDE OF THE WORK AREA WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE

- 27. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UTILITIES, MANHOLES, POLES, GUY WIRES, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, COMMUNICATION BOXES/PEDESTALS, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT NO COST TO THE OWNER.
- 28. THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY OR PUBLIC IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: FENCES, WALLS, SIGNS, PAVEMENT, CURBS, UTILITIES, SIDEWALKS, GRASS, TREES, LANDSCAPING, AND IRRIGATION SYSTEMS, ETC TO ORIGINAL CONDITION OR BETTER AT NO COST TO THE OWNER.
- 29. ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY SITE CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION OR BETTER, INCLUDING AS NECESSARY GRADING, LANDSCAPING, CULVERTS, AND PAVEMENT.
- 30. THE CONTRACTOR SHALL REMOVE AND PROTECT ALL EXISTING POWER POLES, SIGNS, WATER VALVES, FIRE HYDRANTS, METERS, ETC. THAT ARE TO BE REMOVED DURING CONSTRUCTION. THESE FACILITIES SHALL BE PROVIDED TO THE FACILITY OWNER IF THEY ARE NOT CALLED TO BE REINSTALLED ON SITE.

31. CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.

20. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTORS' 32. SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

33. THESE PLANS DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE ENGINEER'S SEAL HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL REQUIRED SAFETY PROCEDURES AND PROGRAMS.

34. SIGNS RELATED TO SITE OPERATION OR SAFETY ARE NOT INCLUDED IN THESE PLANS.

35. CONTRACTOR OFFICE AND STAGING AREA SHALL BE AGREED ON BY THE OWNER AND CONTRACTOR PRIOR TO BEGINNING OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITTING REQUIREMENTS FOR THE CONSTRUCTION OFFICE, TRAILER, STORAGE, AND STAGING OPERATIONS AND LOCATIONS.

36. CONTRACTOR SHALL KEEP A NEAT AND ACCURATE RECORD OF CONSTRUCTION, INCLUDING ANY DEVIATIONS OR VARIANCES FROM THE PLANS.

37. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT PLANS TO THE ENGINEER AND COUNTY IDENTIFYING ALL DEVIATIONS AND VARIATIONS FROM THESE PLANS MADE DURING CONSTRUCTION.

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SHEET LIST					
EET NUMBER	SHEET TITLE				
G1	TITLE SHEET				
C1	EROSION CONTROL AND DEMOLITION				
C2	SITE PLAN				
C3	FILL STATION PLAN AND SECTION				
C4	DRIVEWAY PLAN & PROFILE				
C5	EFFULENT LINE PLAN & PROFILE				
C6	STRIPING AND SIGNAGE				
D1	DETAIL 01 OF 04				
D2	DETAIL 02 OF 04				
D3	DETAIL 03 OF 04				
D4	DETAIL 04 OF 04				
E1	ELECTRICAL PLAN				
E2	ELECTRICAL PLAN				
E3	ELECTRICAL DETAILS				
E4	ELECTRICAL DETAILS				
E5	ELECTRICAL DETAILS				
L1	LANDSCAPE PLAN				
L2	LANDSCAPE DETAILS				
L3	IRRIGATION PLAN				
L4	IRRIGATION DETAILS				
L5	SPECIFICATIONS				
S1	FILL STATION STRUCTURAL DETAILS				

ONS (P)

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SSMF STA

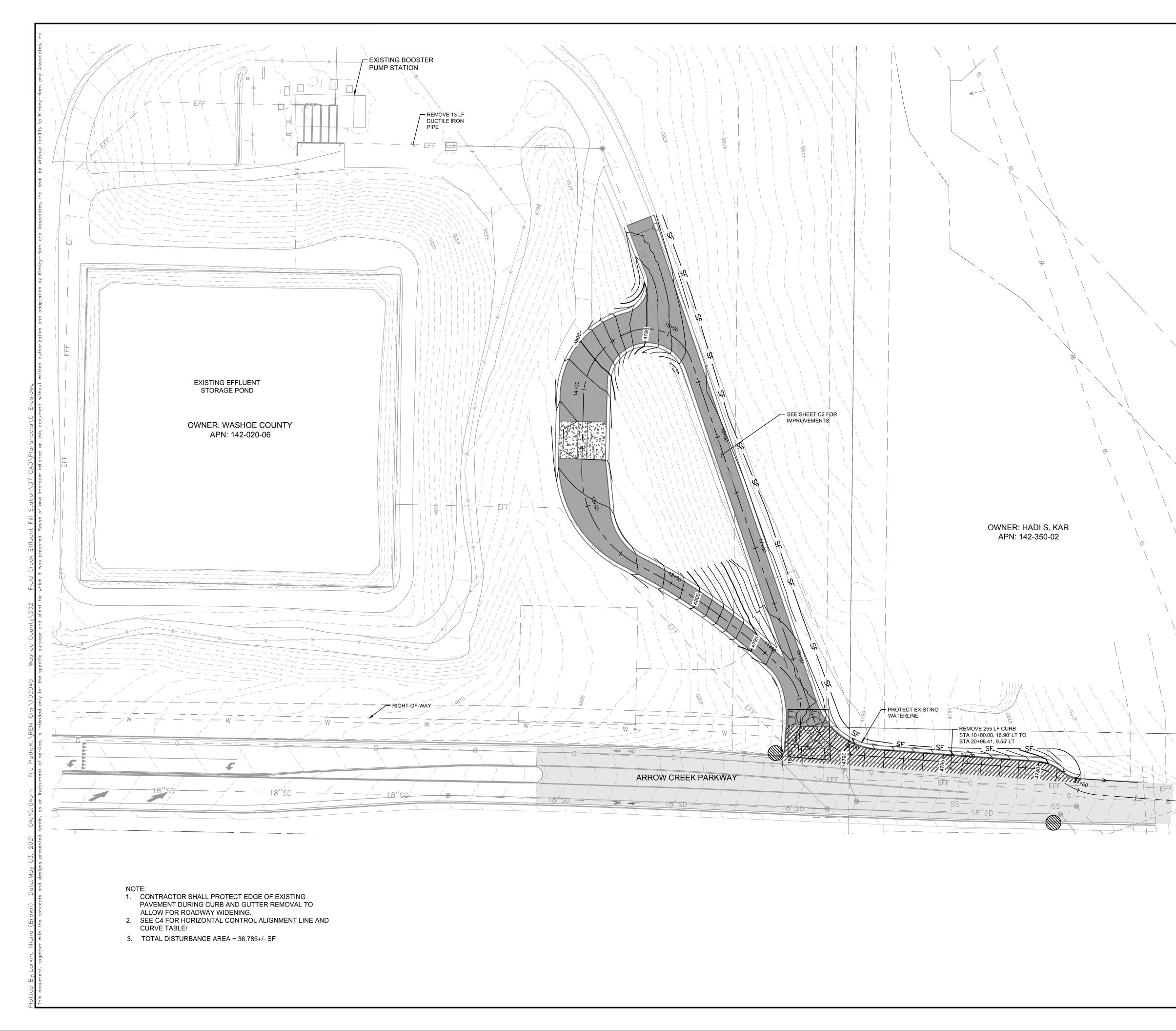
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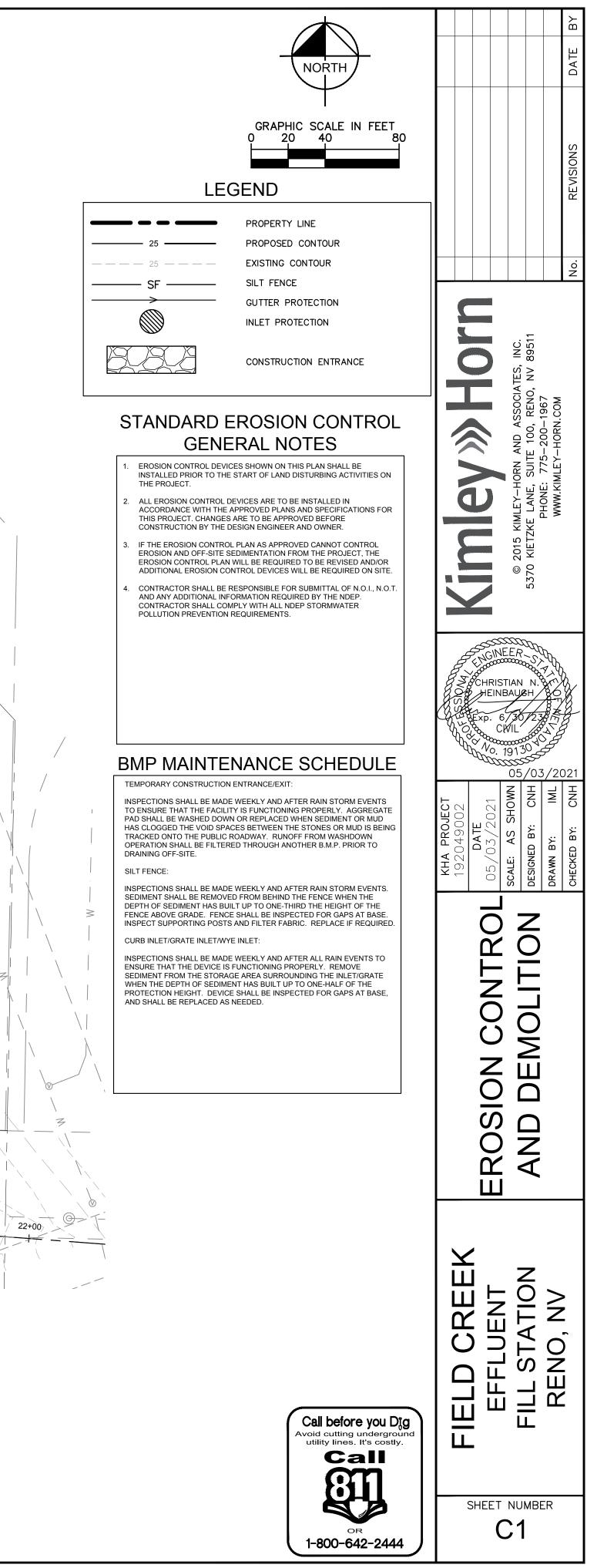
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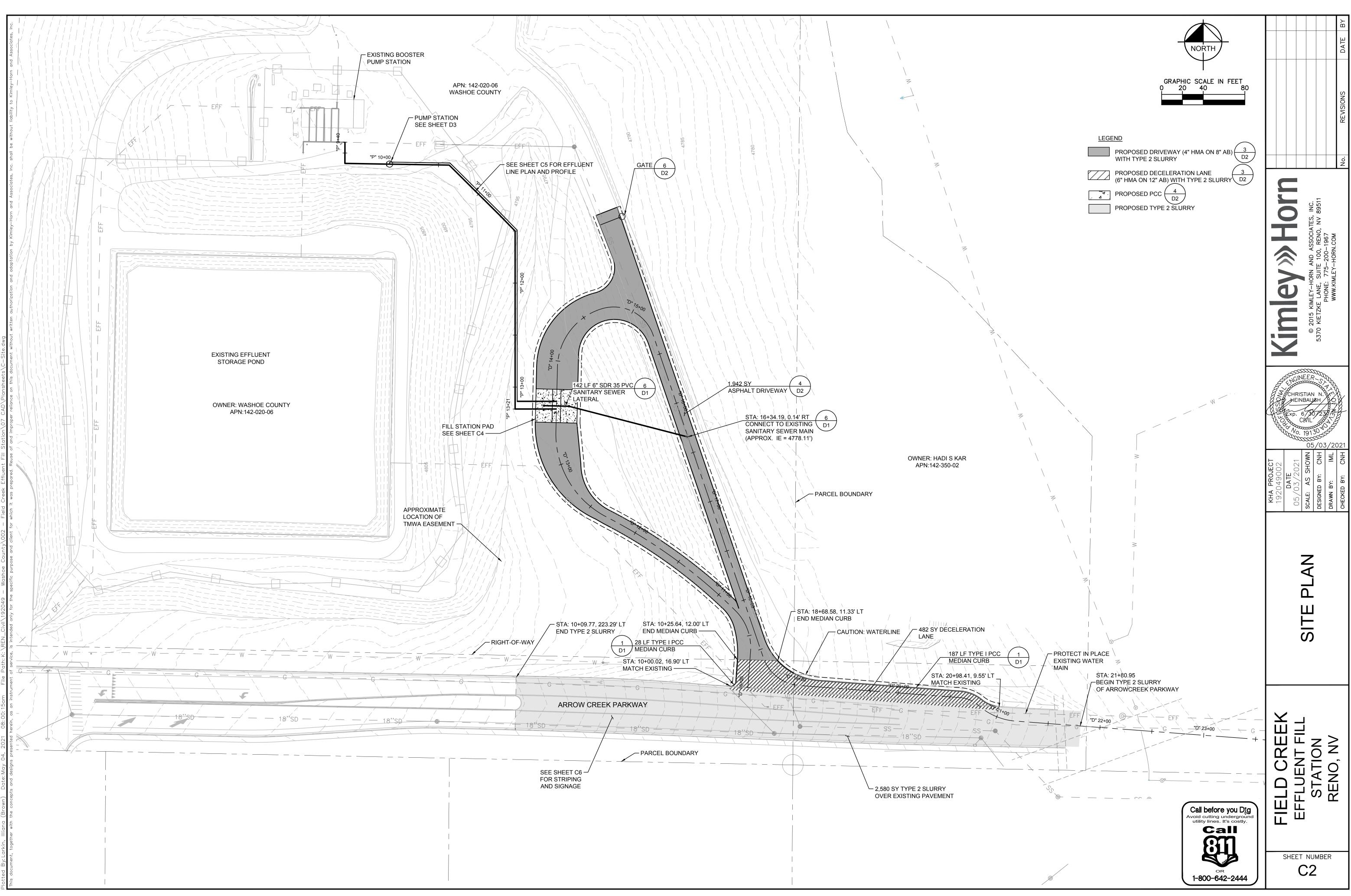
PROPOSED PROPERTY POINT OF VERTICAL CURVE OINT OF VERTICAL INTERSECTION REINFORCED CONCRETE PIPE RESTRAINED MECHANICAL JOIN RIGHT-OF-WAY POINT OF REVERSE CURVE RIGHT STORM DRAIN STORM DRAIN MANHOLE SILT FENCE SITE IMPROVEMENT PERMI STREET LIGHT SANITARY SEWER SANITARY SEWER MANHOLE STATION STORM WATER POLLUTION PREVENTION PLAN **TELEPHONE** TYPICAL VERTICAL CURVE VATER MAIN

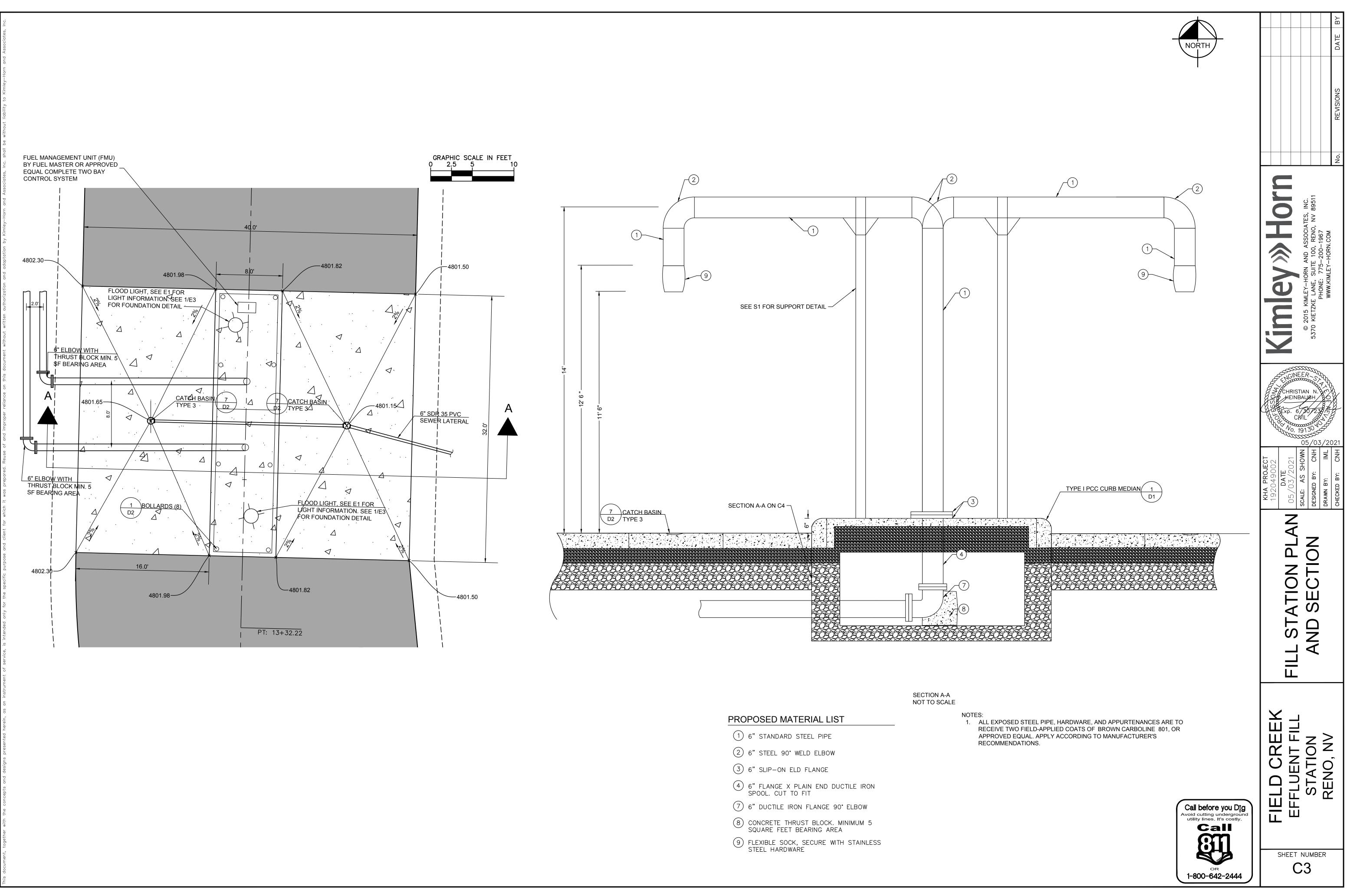
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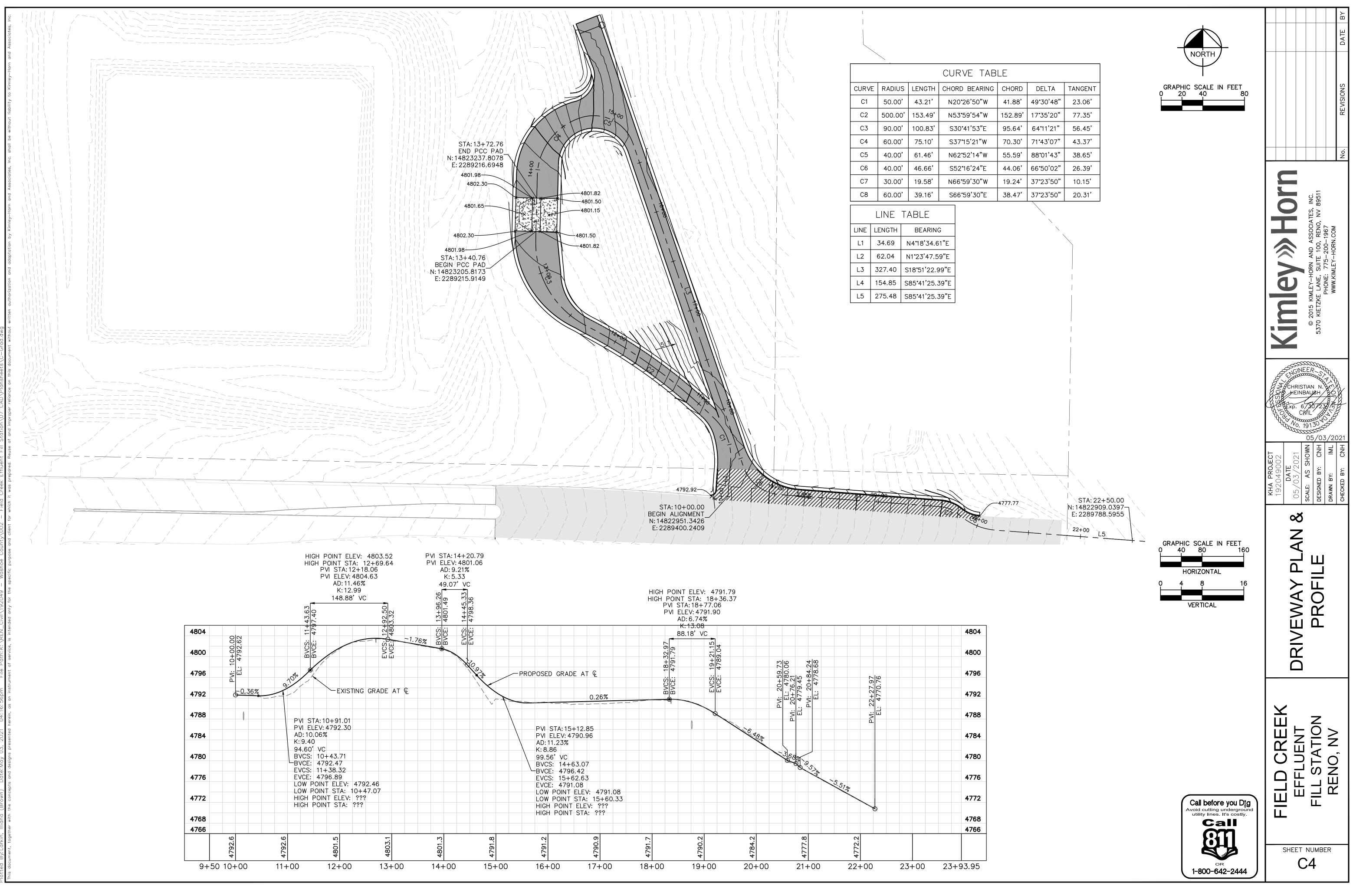
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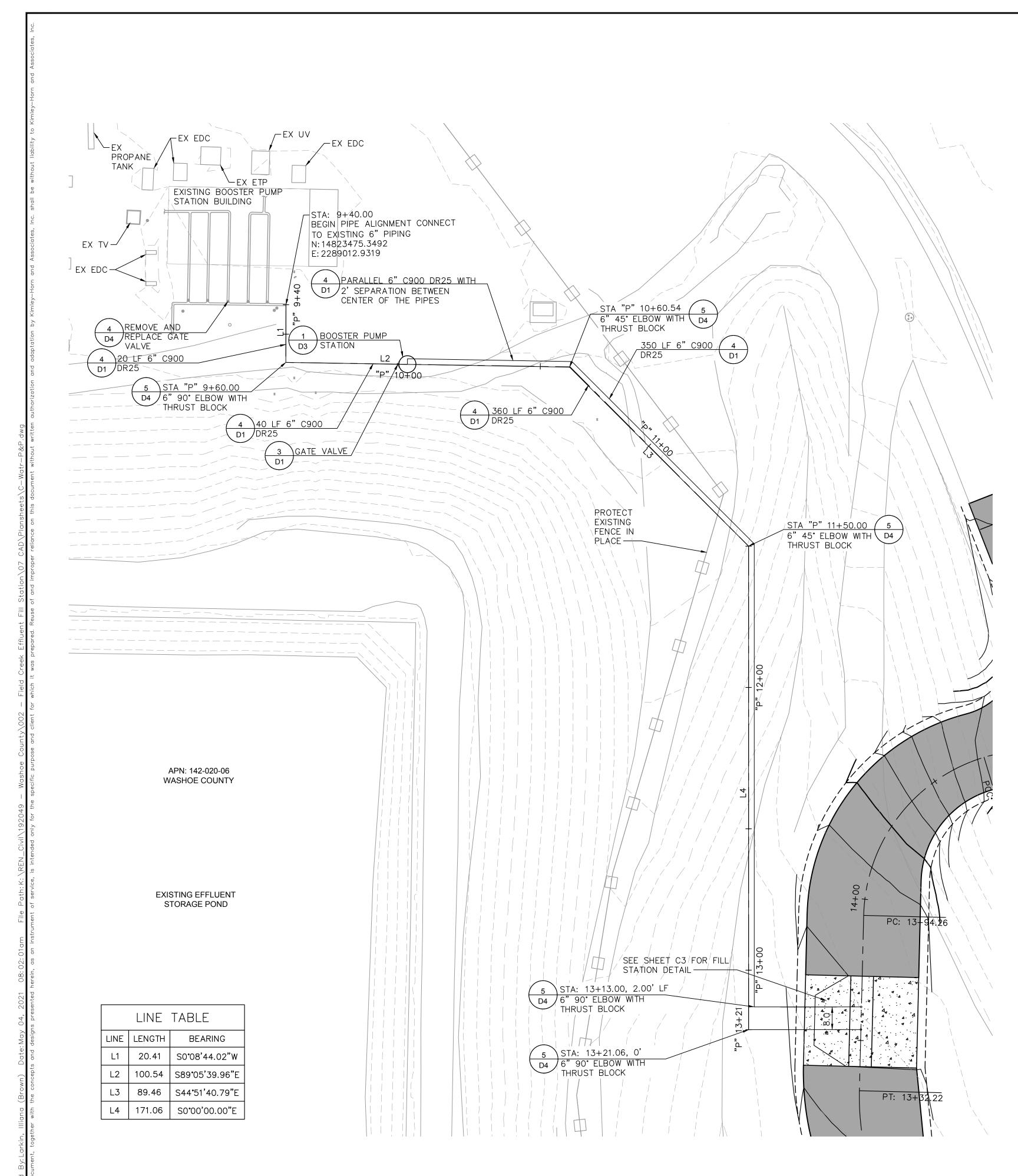


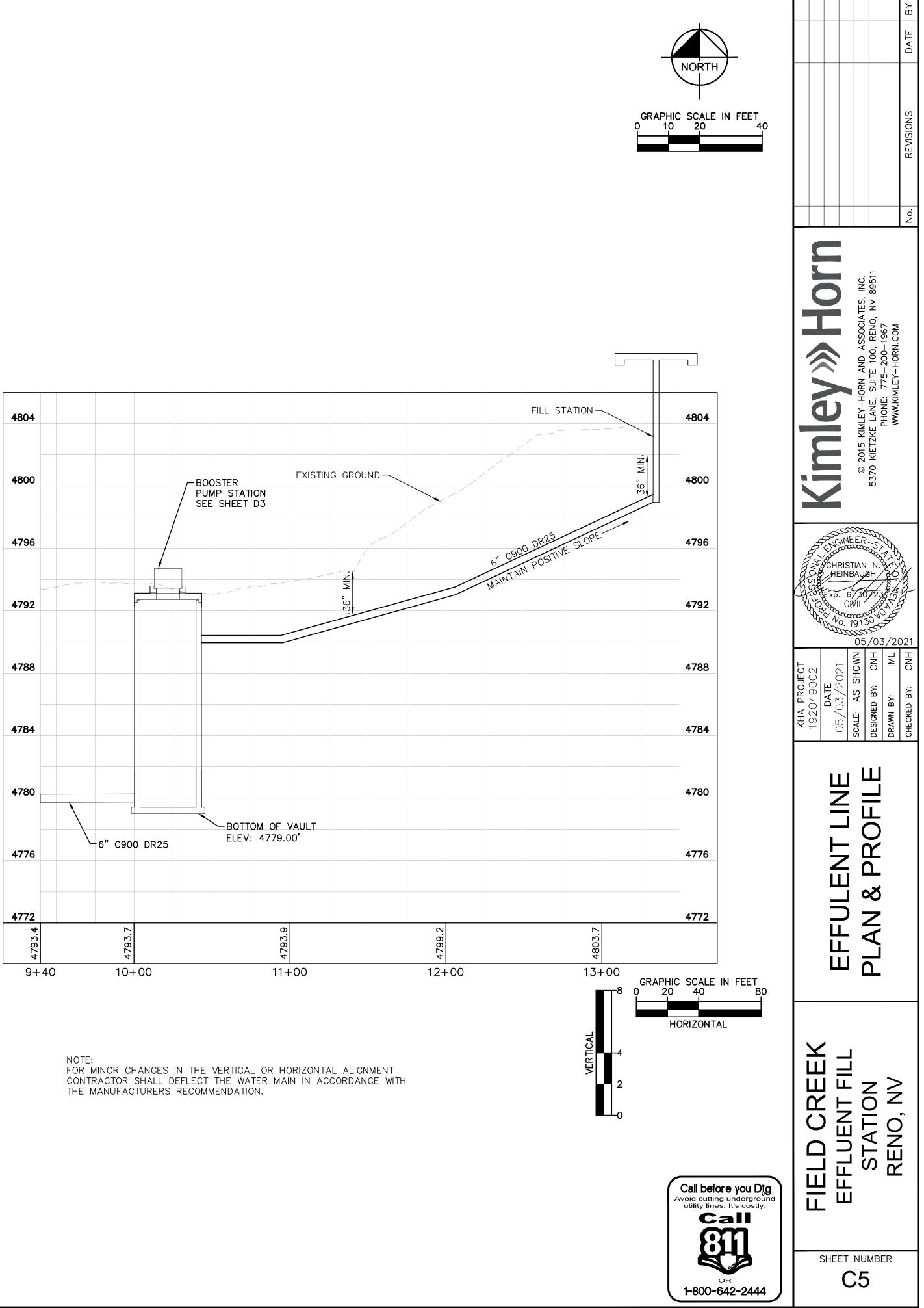


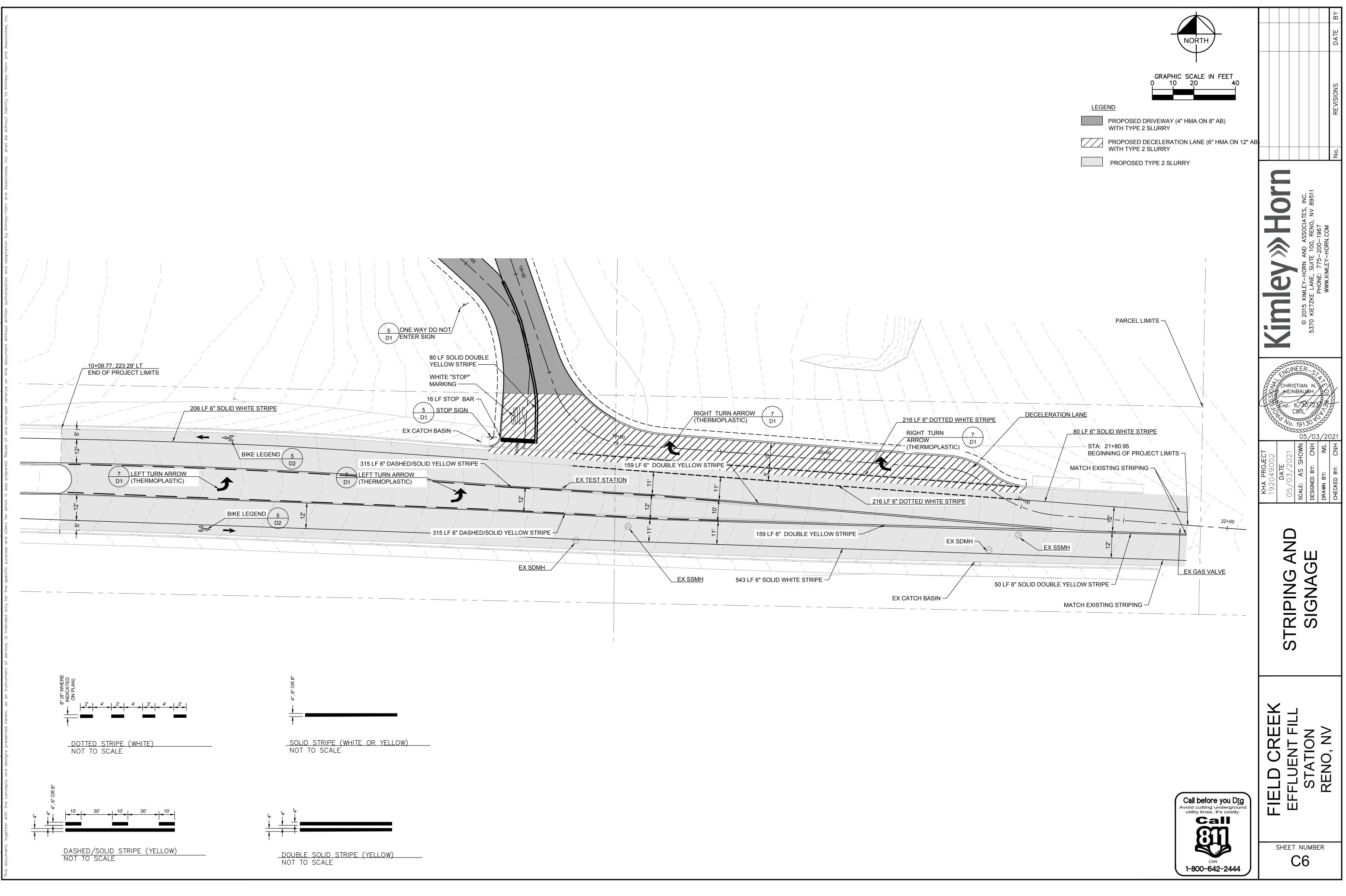


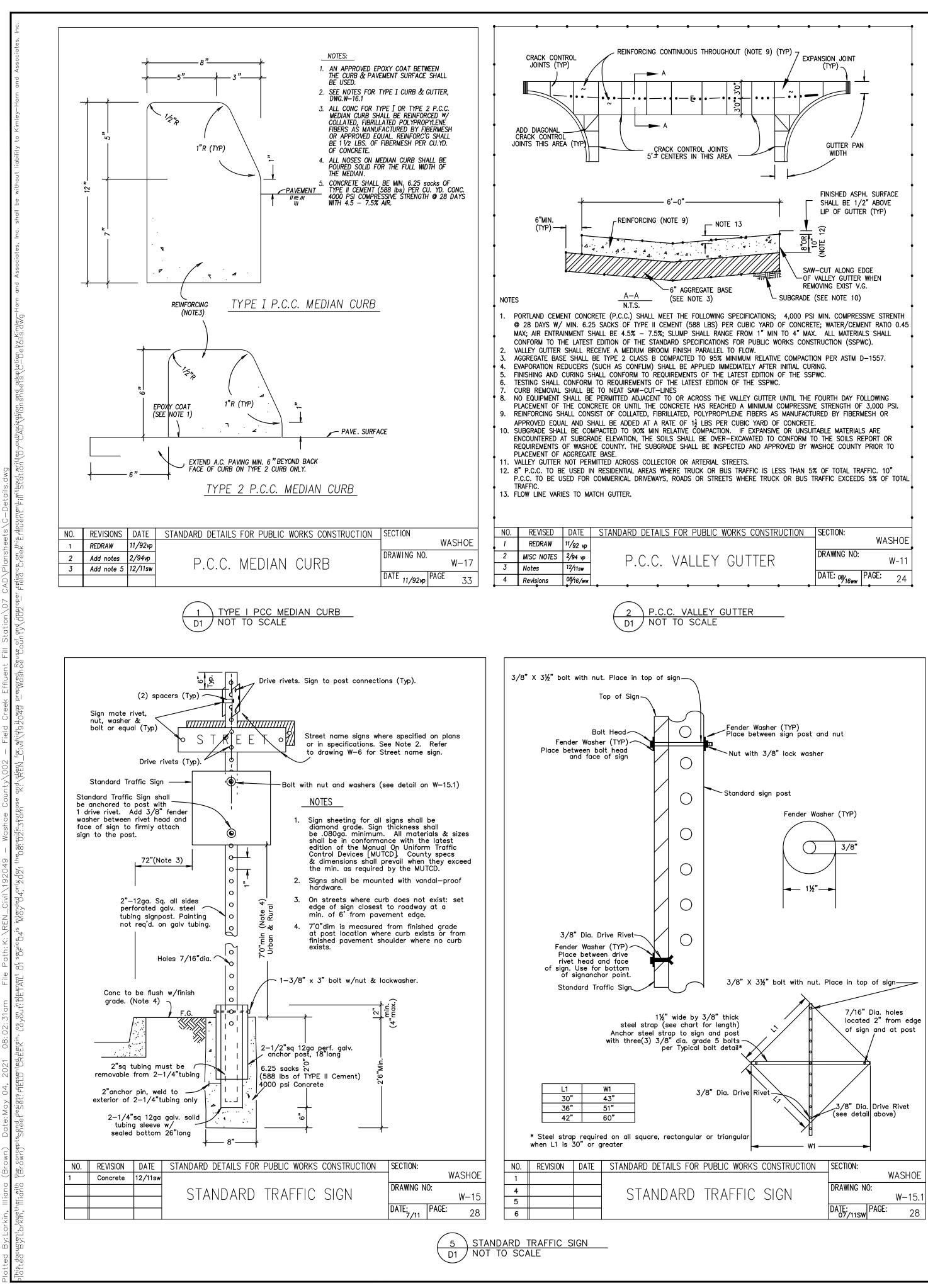


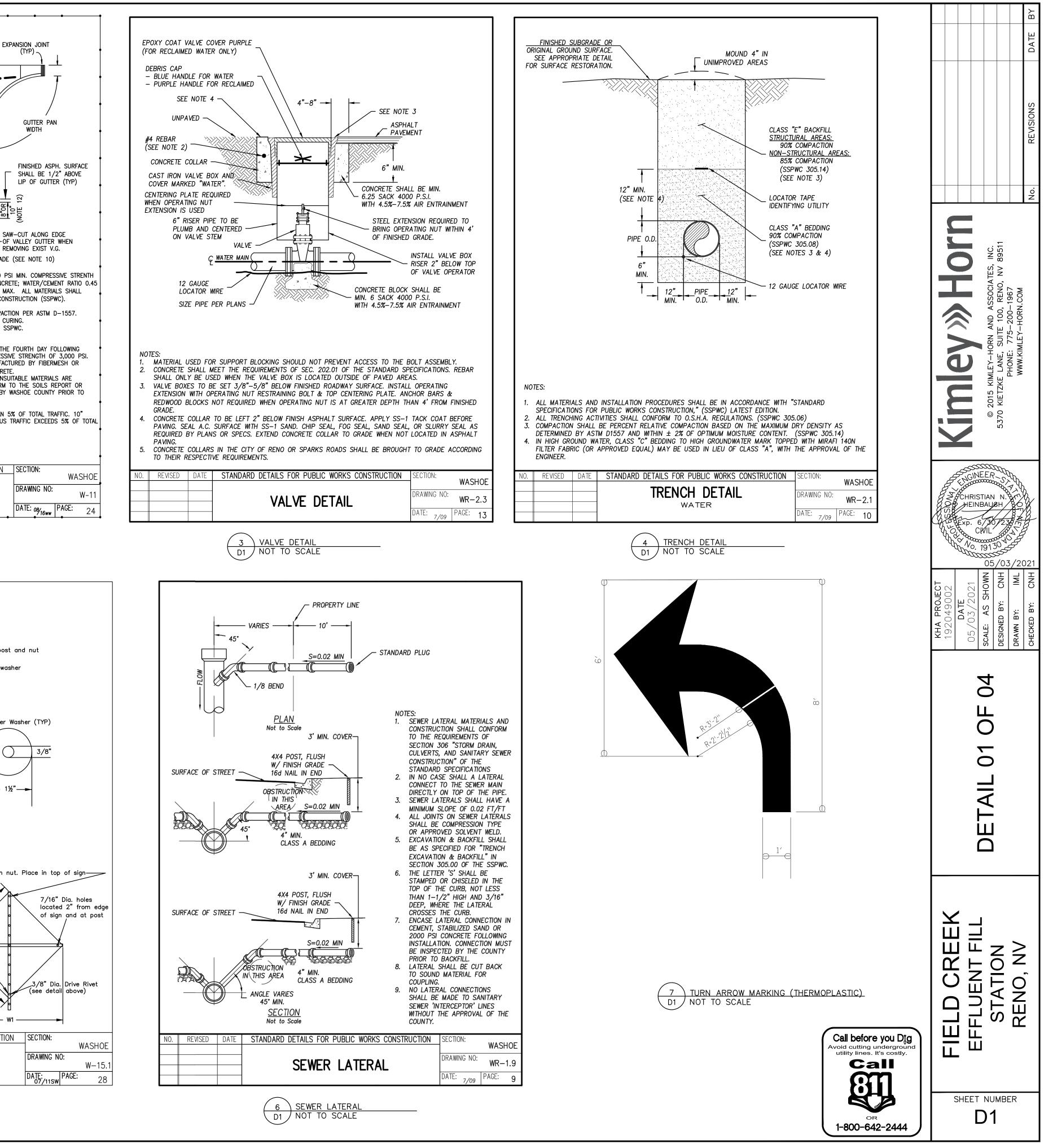


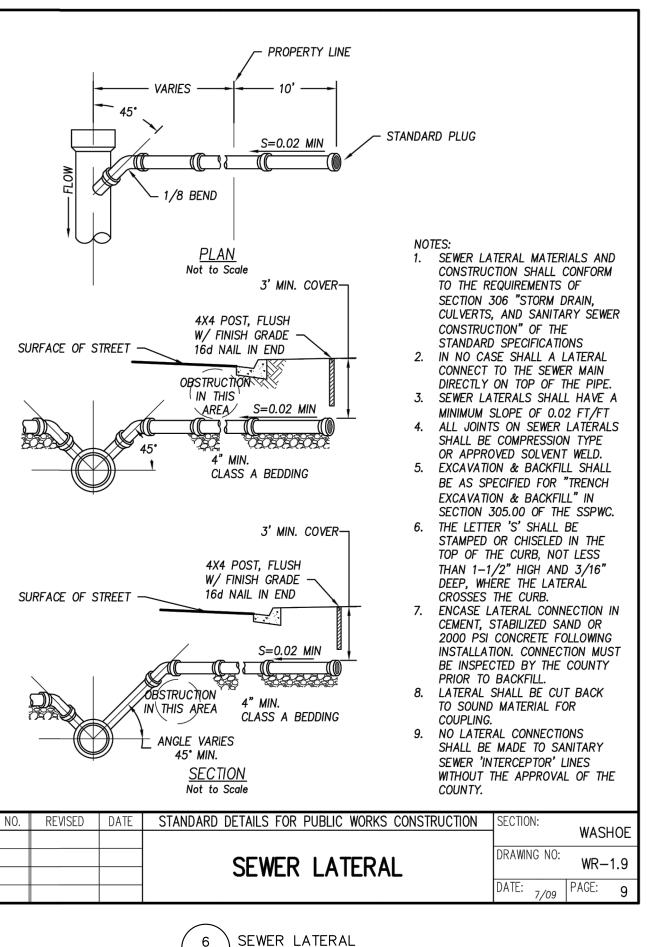


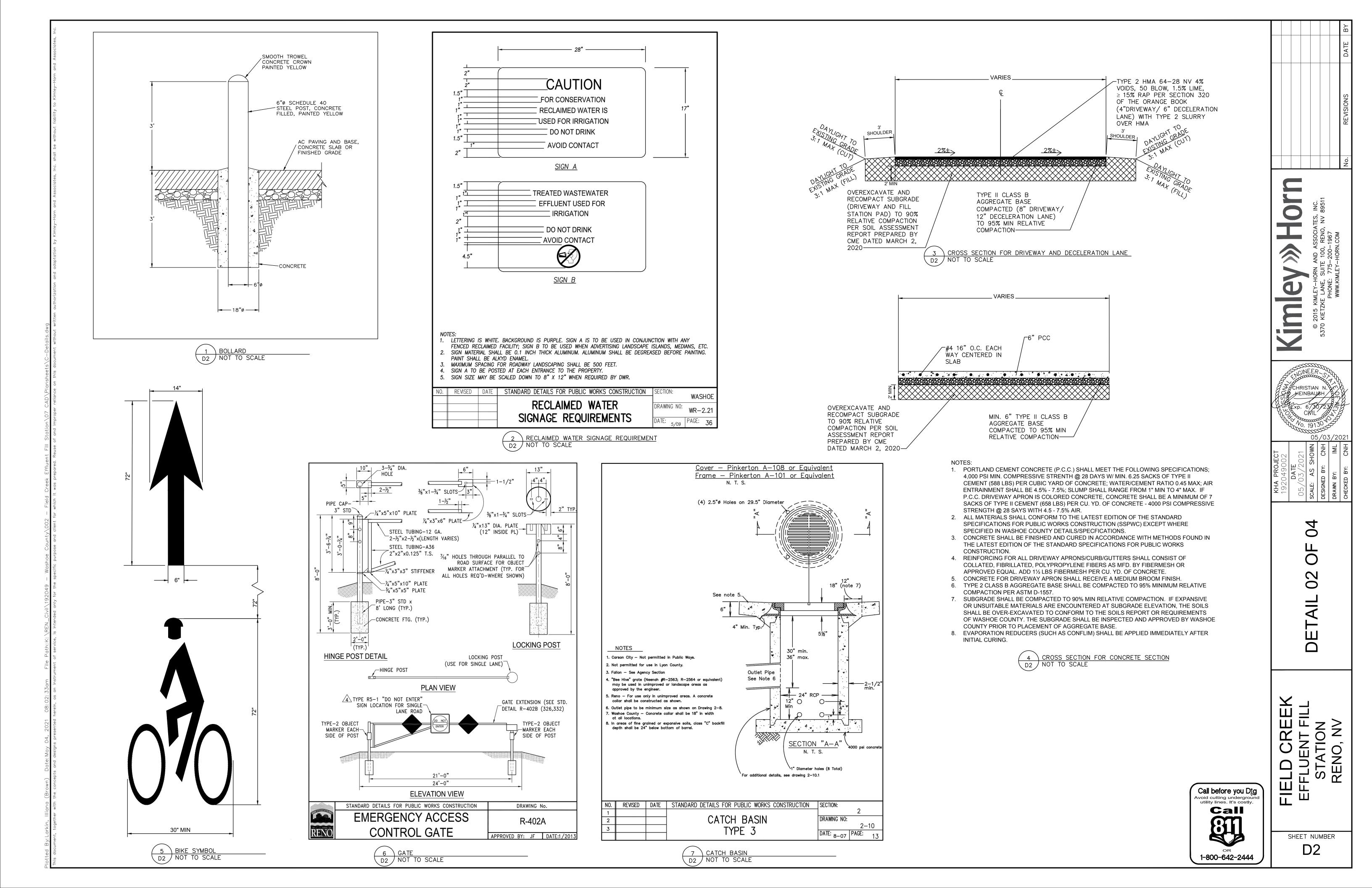


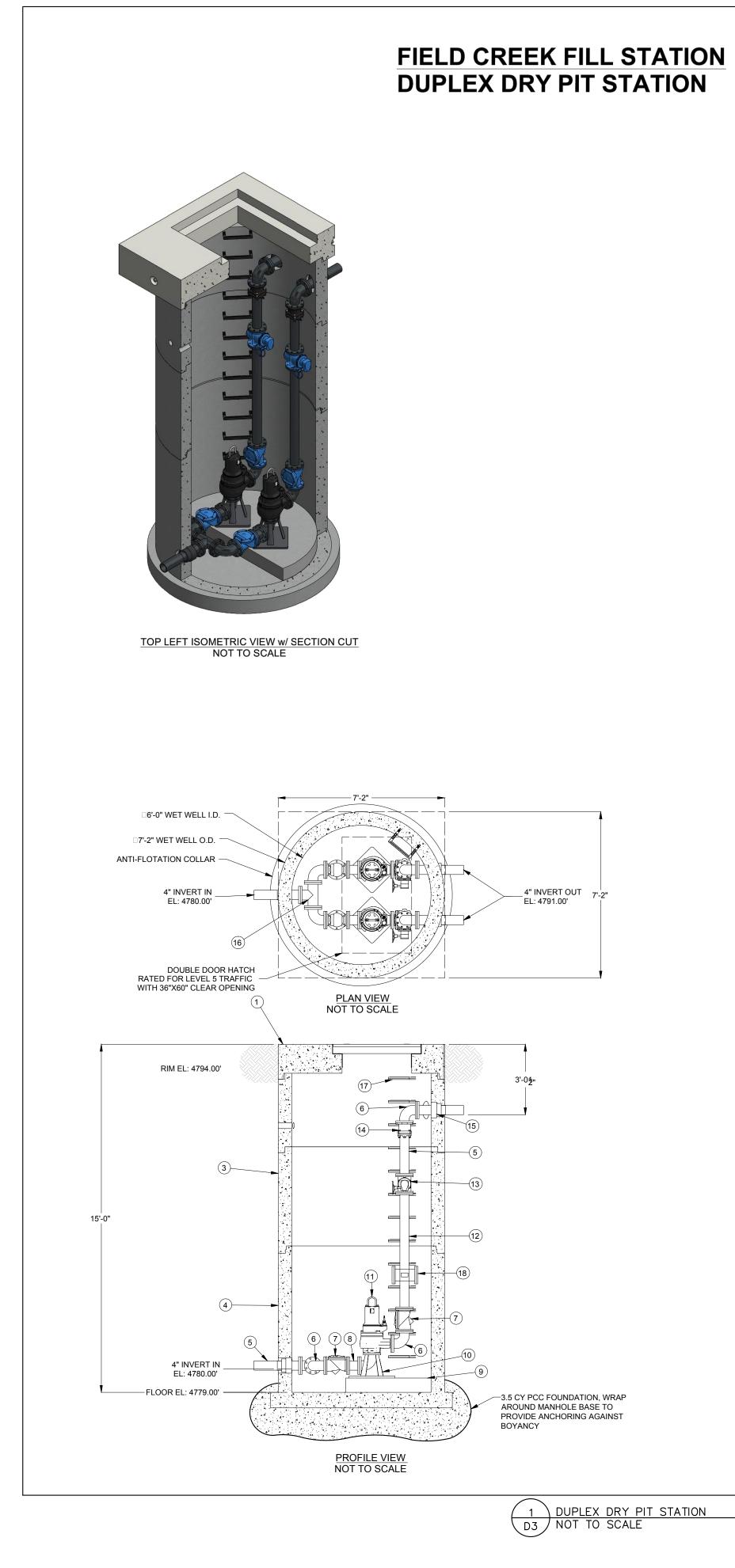






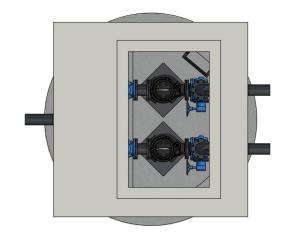




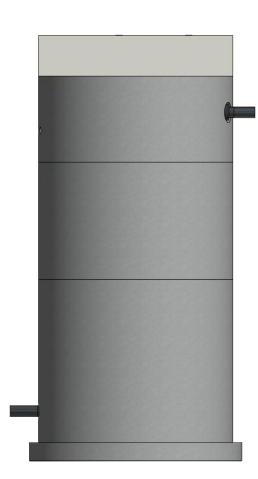


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PLAN VIEW NOT TO SCALE

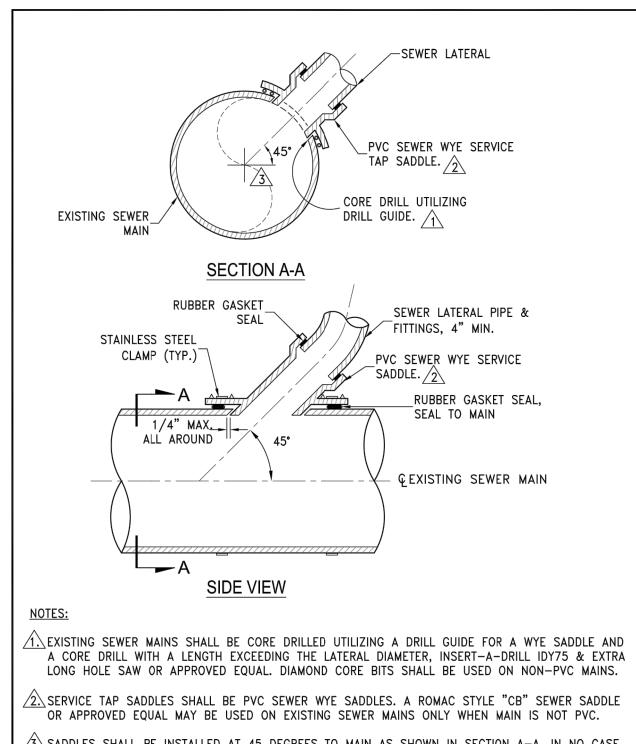


PROFILE VIEW

		BILL OF MATERIALS					
M	QTY	QTY DESCRIPTION					
	1	MANHOLE D7286x15 FLAT TOP 3660 E					
	1	72IN MANHOLE FLAT TOP					
	3	72IN MANHOLE BARREL					
	1	72IN MANHOLE BASE					
	5	PIPE 4IN FLG X PE DUCTILE IRON SPOOL 2FT					
	8	90 DEG ELBOW 4IN DUCTILE IRON FLG					
	4	SWING CHECK VALVE 4IN VAL-MATIC 504A					
	2	PIPE 4IN FLG X FLG DUCTILE IRON SPOOL 6IN					
	1	PUMP PEDESTAL					
	2	PUMP STAND					
	2	SUBMERSIBLE PUMP HOMA AMX446-190/2.8T/C					
	2	PIPE 4IN FLG X FLG DUCTILE IRON SPOOL 5FT					
	2	PLUG VALVE 4IN FLG W/ HANDWHEEL FBE INT AND EXT VAL-MATIC					
		5804RXF/7A08					
	2	RFCA 4IN W/ SS HARDWARE ROMAC					
	3	CONNECTOR BOOT S106-8SRWS CORE-SEAL ASTM C923/C1644 WEDGE					
		SDR-35 HOLE-8 4.20-6.40					
	1	TEE 4IN DUCTILE IRON					
	14	LADDER STEP RUNG POLYMER MH ASTM-C-478 9-3/16 X 13IN PS2-PF-DF					
	2	ELECTRIC OPERATOR 6" WATER SPECIALTIES MODEL ML04D FLOW METER					

DESCRIPTION	VALUE
DUTY POINT	200 gpm @ 60.5' TDH
MANUFACTURER	НОМА
MODEL NUMBER	AVX444-210/13.0ET
PUMP TYPE	VERTICAL DRY INSTALLATION
MOTOR SIZE	13 HP
REQUIRED POWER SUPPLY	230 V / 3 Phase / 31.6 Amps

NOTE: DUPLEX DRY PIT STATION TO BE COMPLETE PACKAGE AS SHOWN OR ENGINEER APPROVED EQUAL CAPABLE OF PRODUCING 200 GPM @ 60.5' TDH WITH A SUPPLY SUCTION DEPTH OF APPROXIMATELY 14' BELOW EXISTING GRADE.



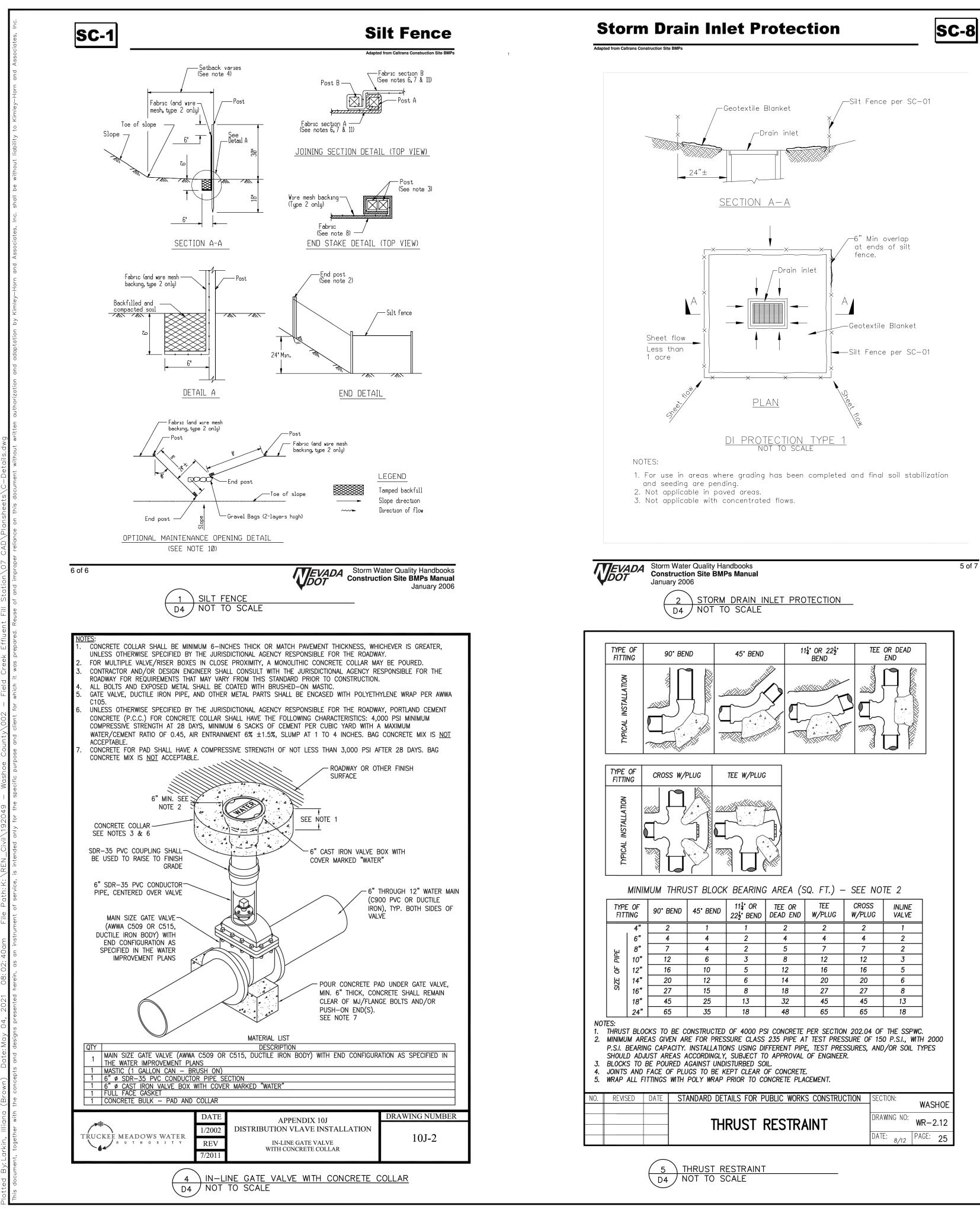
3. SADDLES SHALL BE INSTALLED AT 45 DEGREES TO MAIN AS SHOWN IN SECTION A-A. IN NO CASE SHALL A LATERAL CONNECTING TO THE EXISTING SEWER MAIN BE LOCATED DIRECTLY ON TOP OF THE PIPE, NOR SHALL IT MATCH THE FLOWLINE OF THE PIPE.

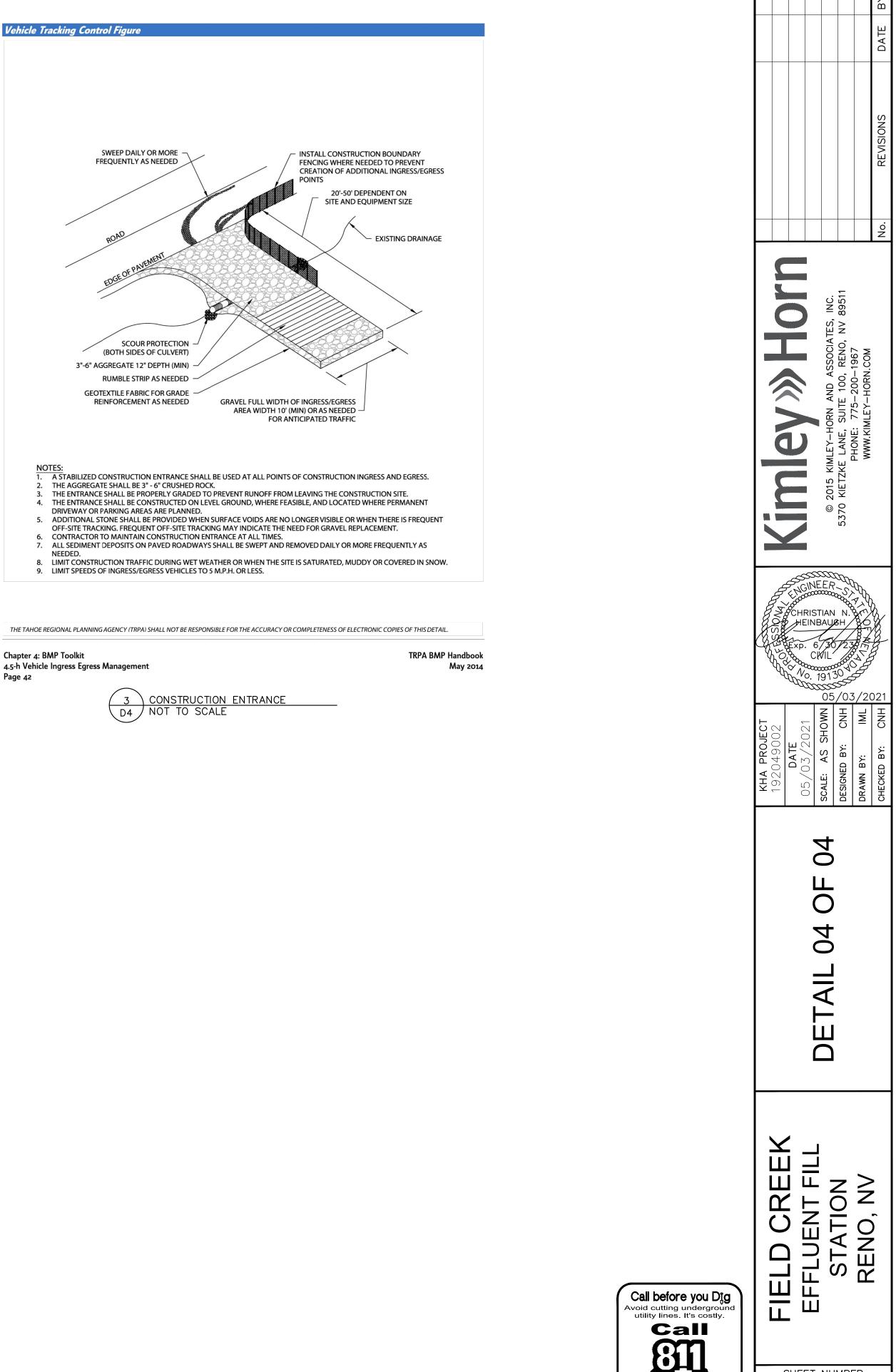
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	DETAIL 03 OF 04	
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OR 1-800-642-2444	SHEET NUMBER	

/ING No. 224C JF DATE: 1/2013

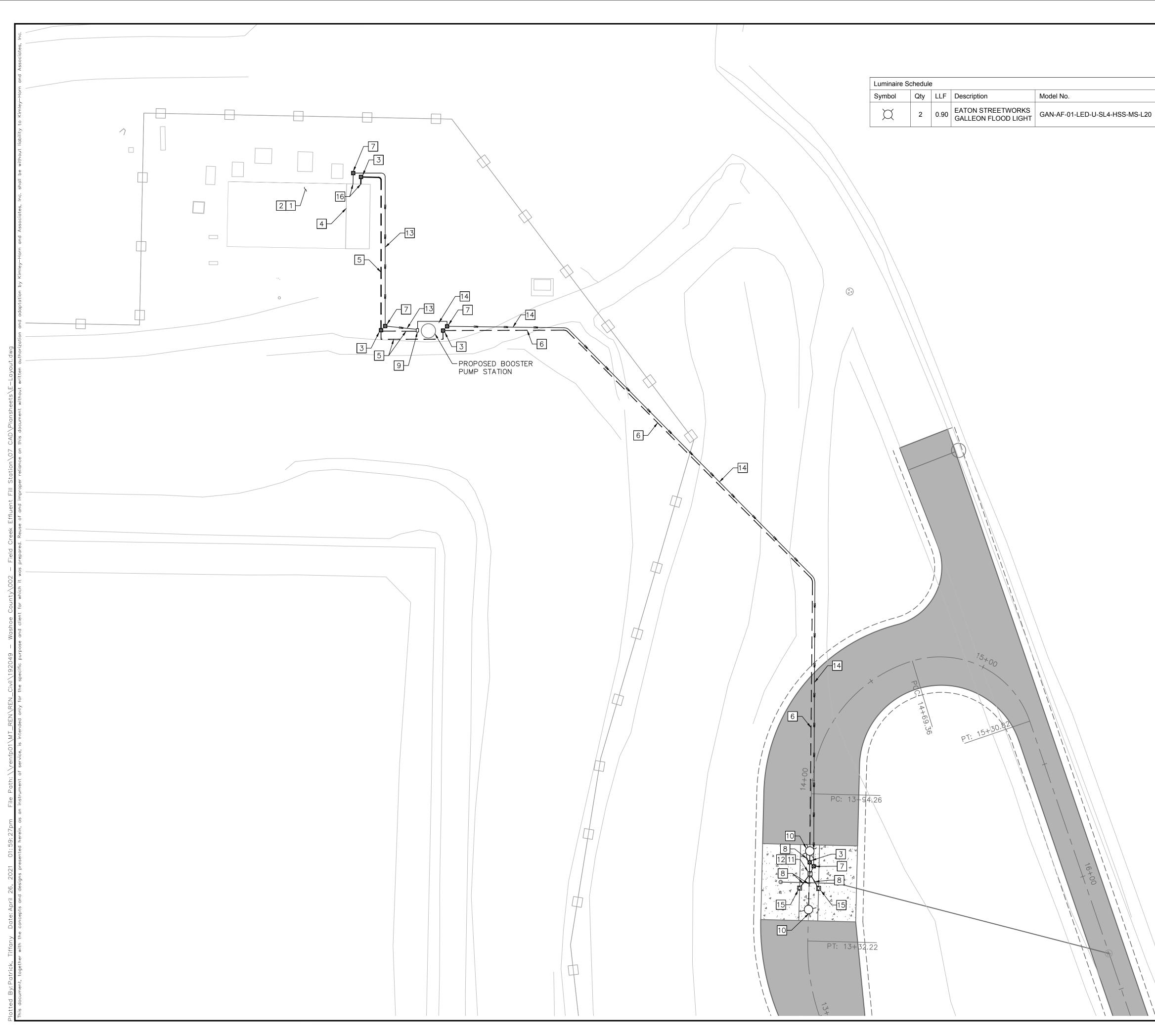




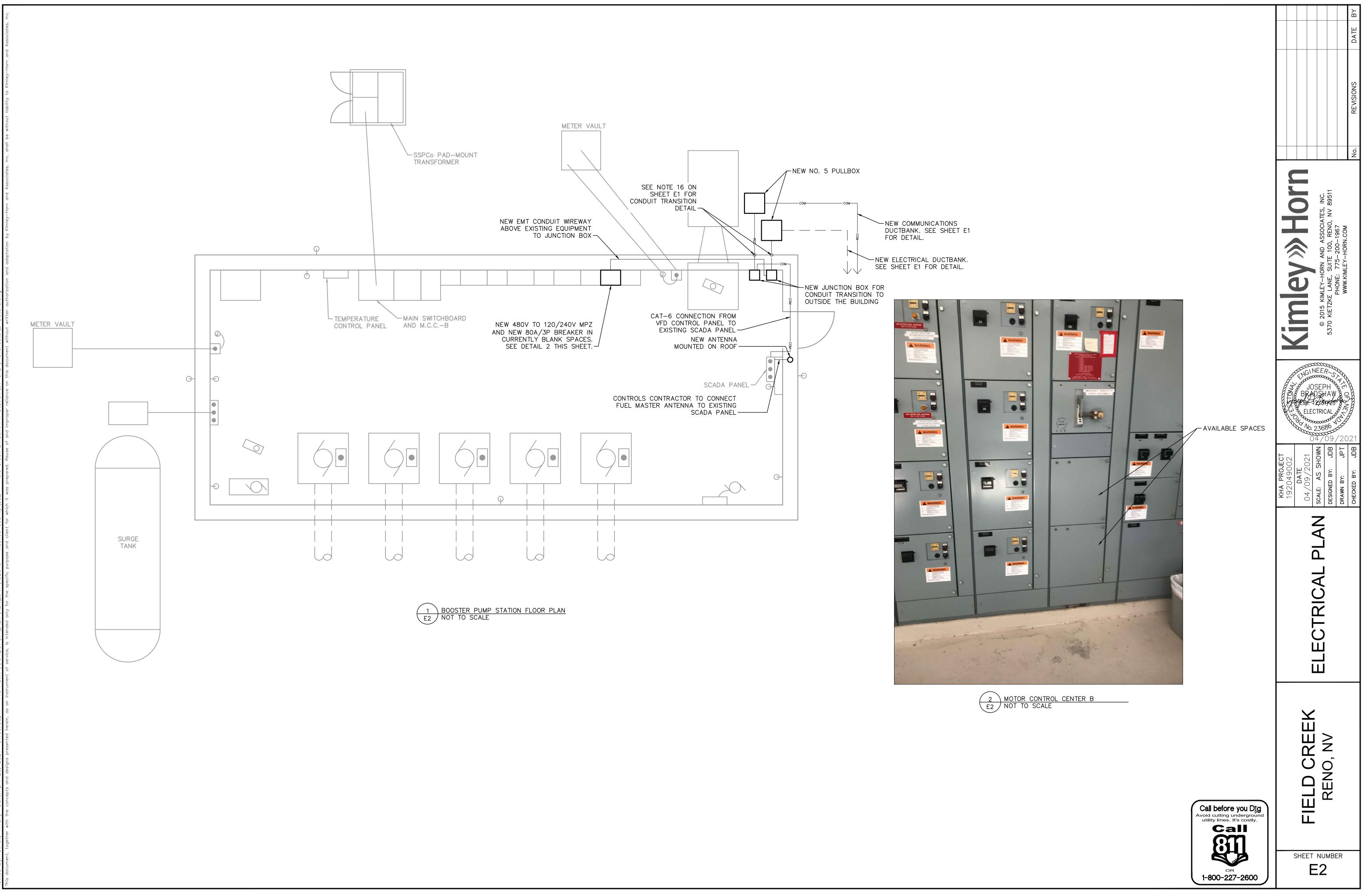


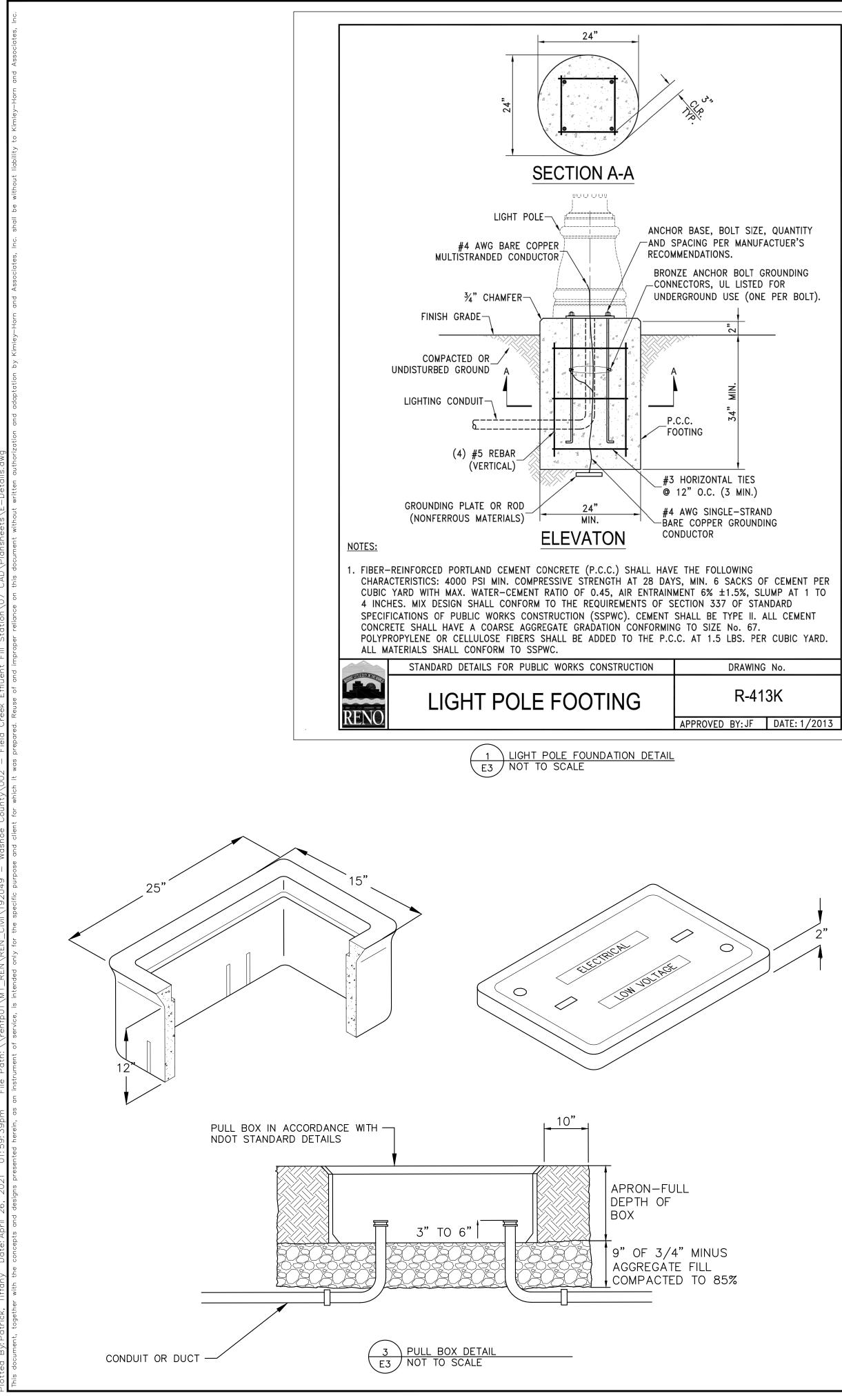
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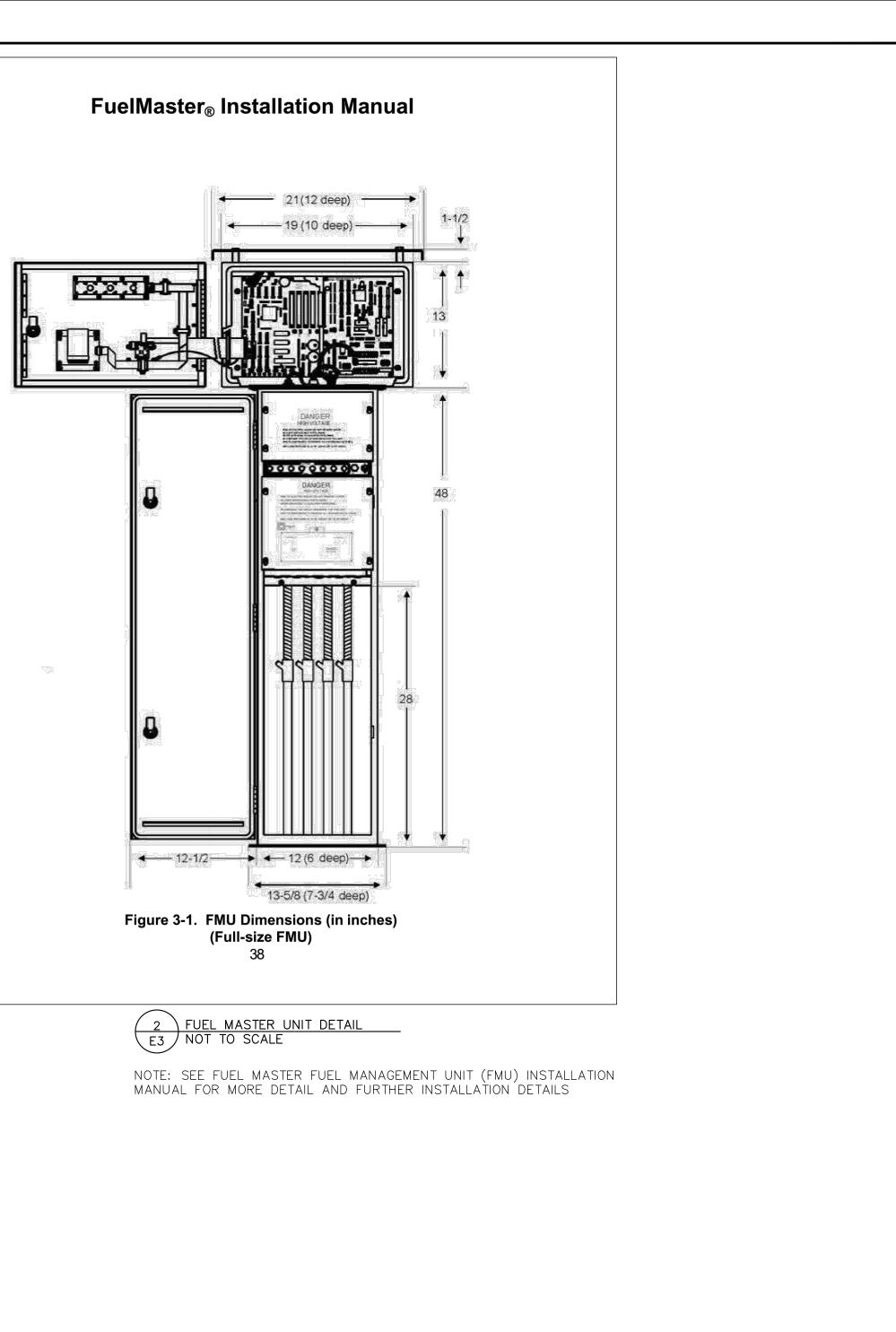
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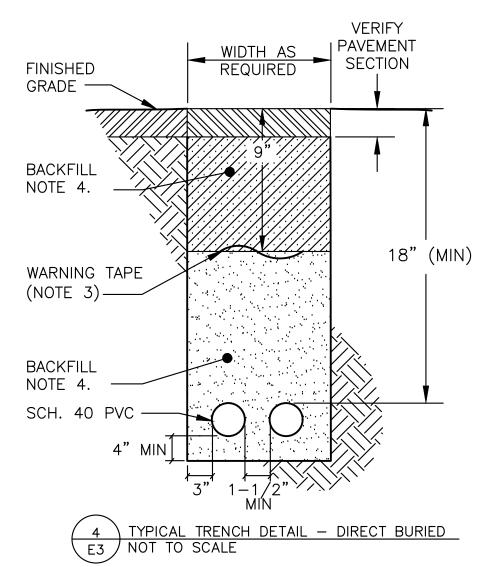


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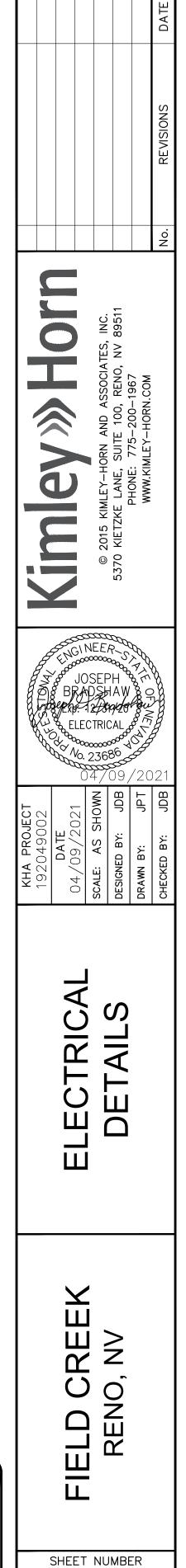






CONDUIT/DUCT & CABLE INSTALLATION NOTES:

- 1. SEE PLANS FOR REQUIRED DUCT SECTIONS. USED ON THIS PROJECT.
- 2. PROVIDE PULL WIRES IN ALL (NEW) UNUSED
- 3. WARNING TAPE REQUIRED IN ALL AREAS.
- 4. BACKFILL NOTES:
- FLOWABLE FILL.

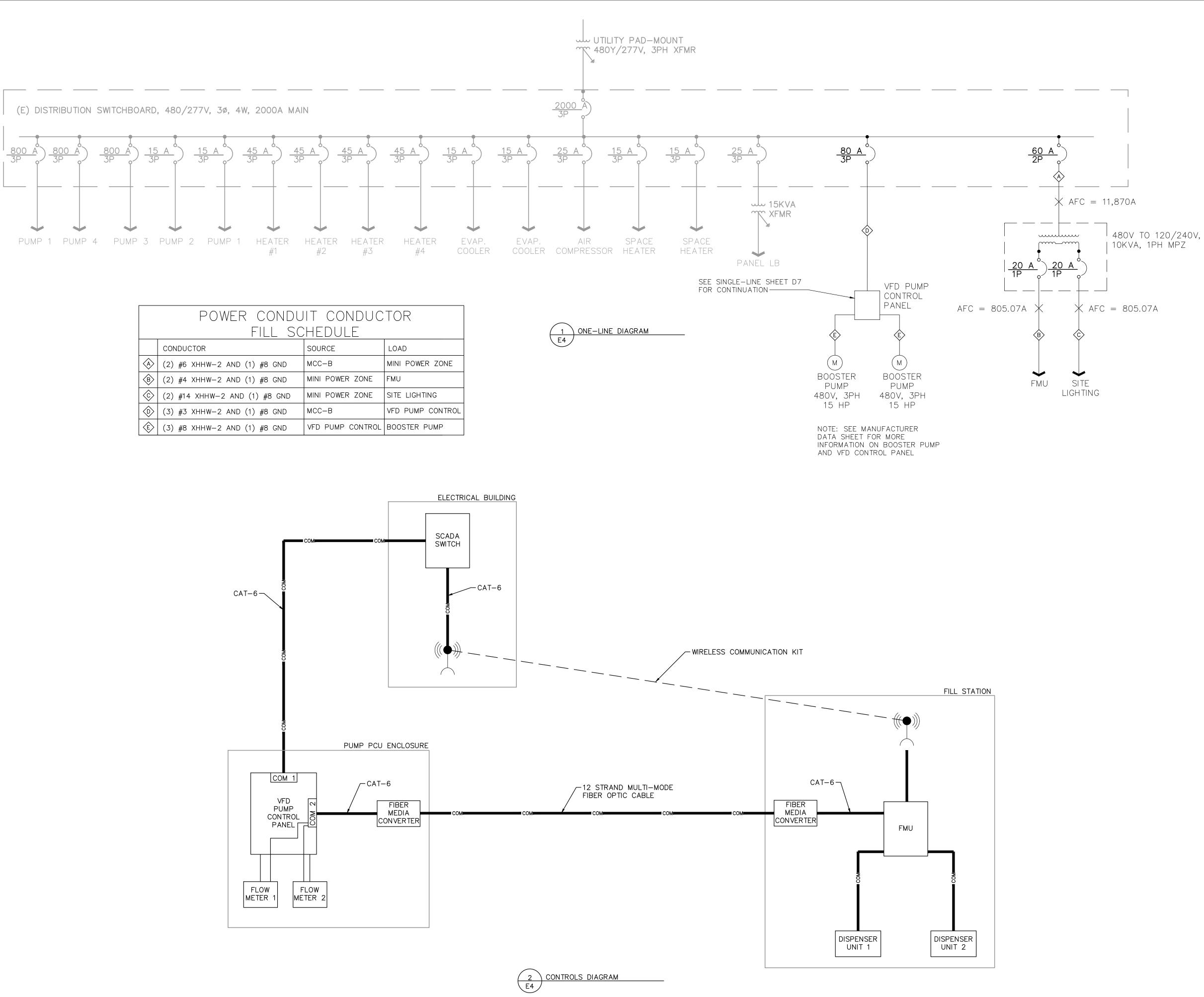


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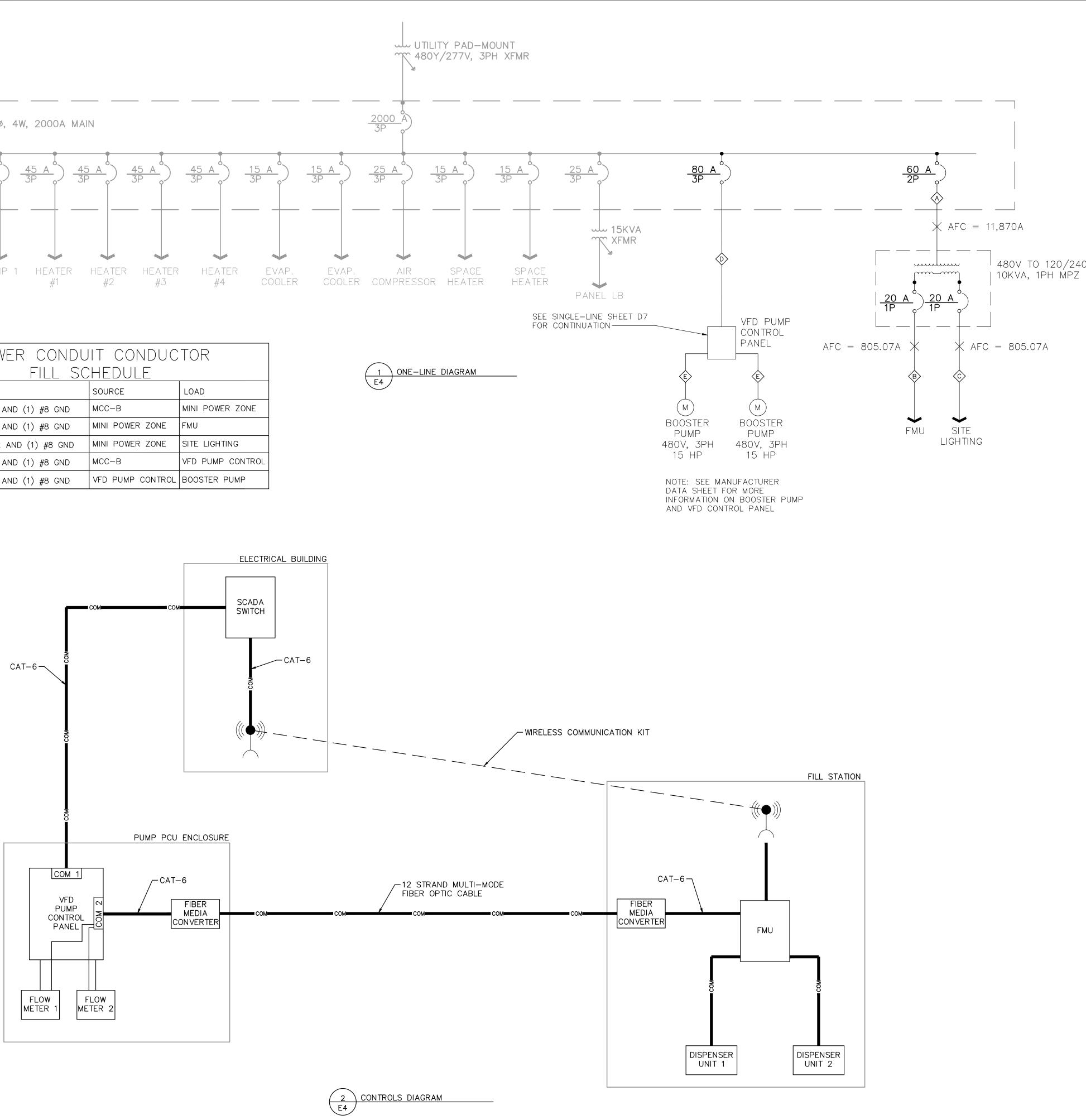
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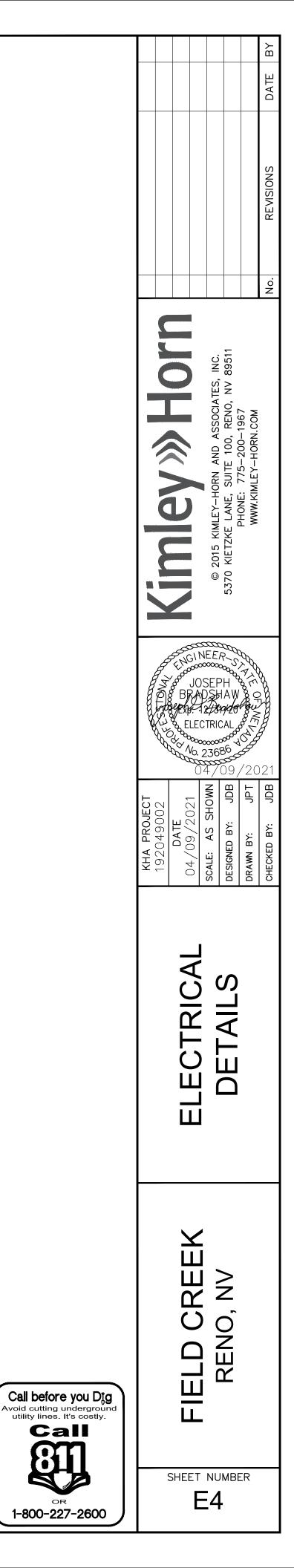
D.B. APPLICATIONS: IN MULTIPLE POURS OF FLOWABLE FILL (AKA SLURRY OR CONTROLLED LOW STRENGTH MATERIAL (CLSM)). FILL TO WARNING TAPE AND THEN TO THE FINISHED GRADE OR BASE OF PAVEMENT W/





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		POWER CONDU Fill SC	IT CONDUC Hedule	TOR
		CONDUCTOR	SOURCE	LOAD
	$\langle \! \rangle$	(2) #6 XHHW-2 AND (1) #8 GND	МСС-В	MINI POWE
	$\langle B \rangle$	(2) #4 XHHW-2 AND (1) #8 GND	MINI POWER ZONE	FMU
	\Diamond	(2) #14 XHHW-2 AND (1) #8 GND	MINI POWER ZONE	SITE LIGHT
	\Diamond	(3) #3 XHHW-2 AND (1) #8 GND	MCC-B	VFD PUMP
	¢ k	(3) #8 XHHW-2 AND (1) #8 GND	VFD PUMP CONTROL	BOOSTER

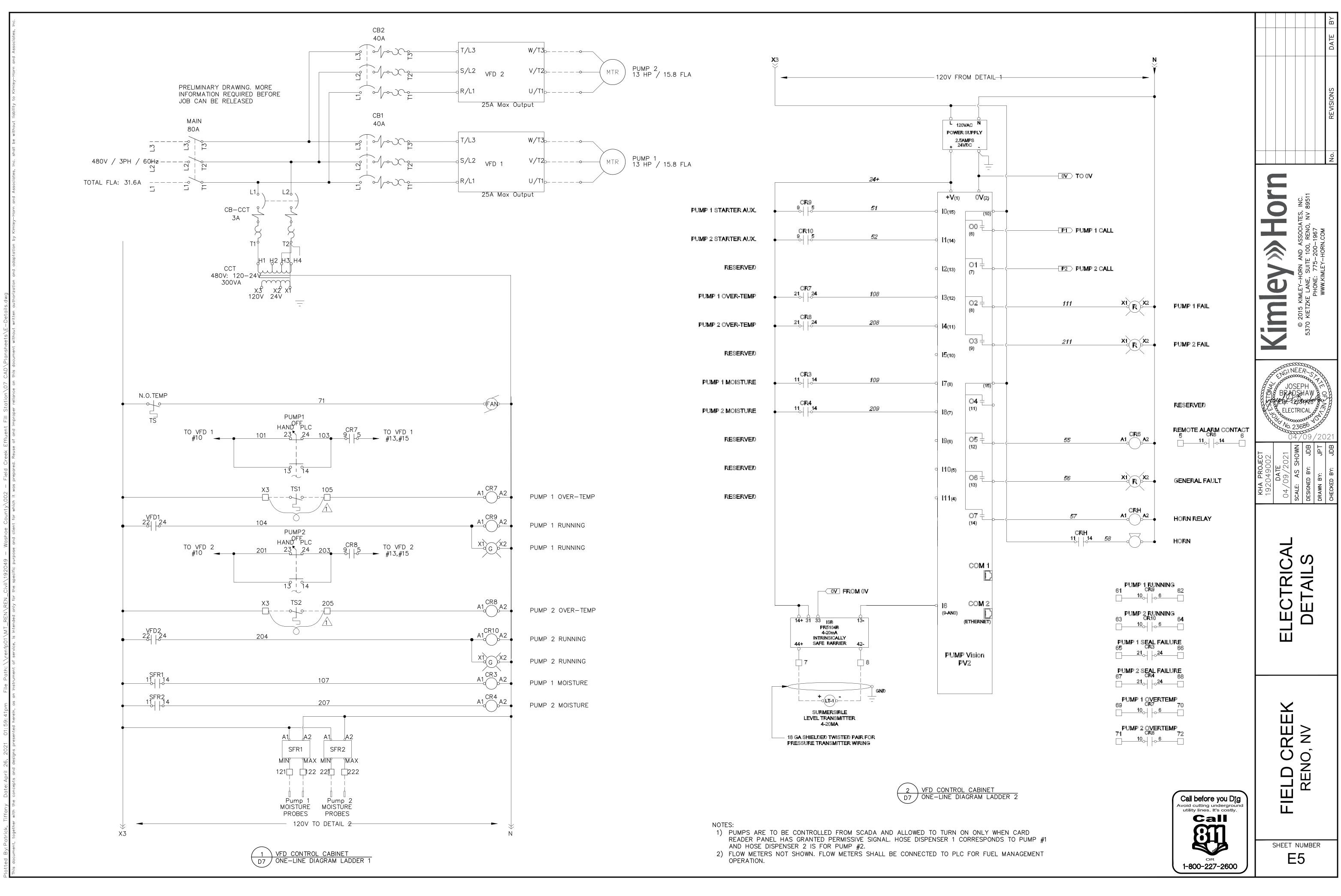


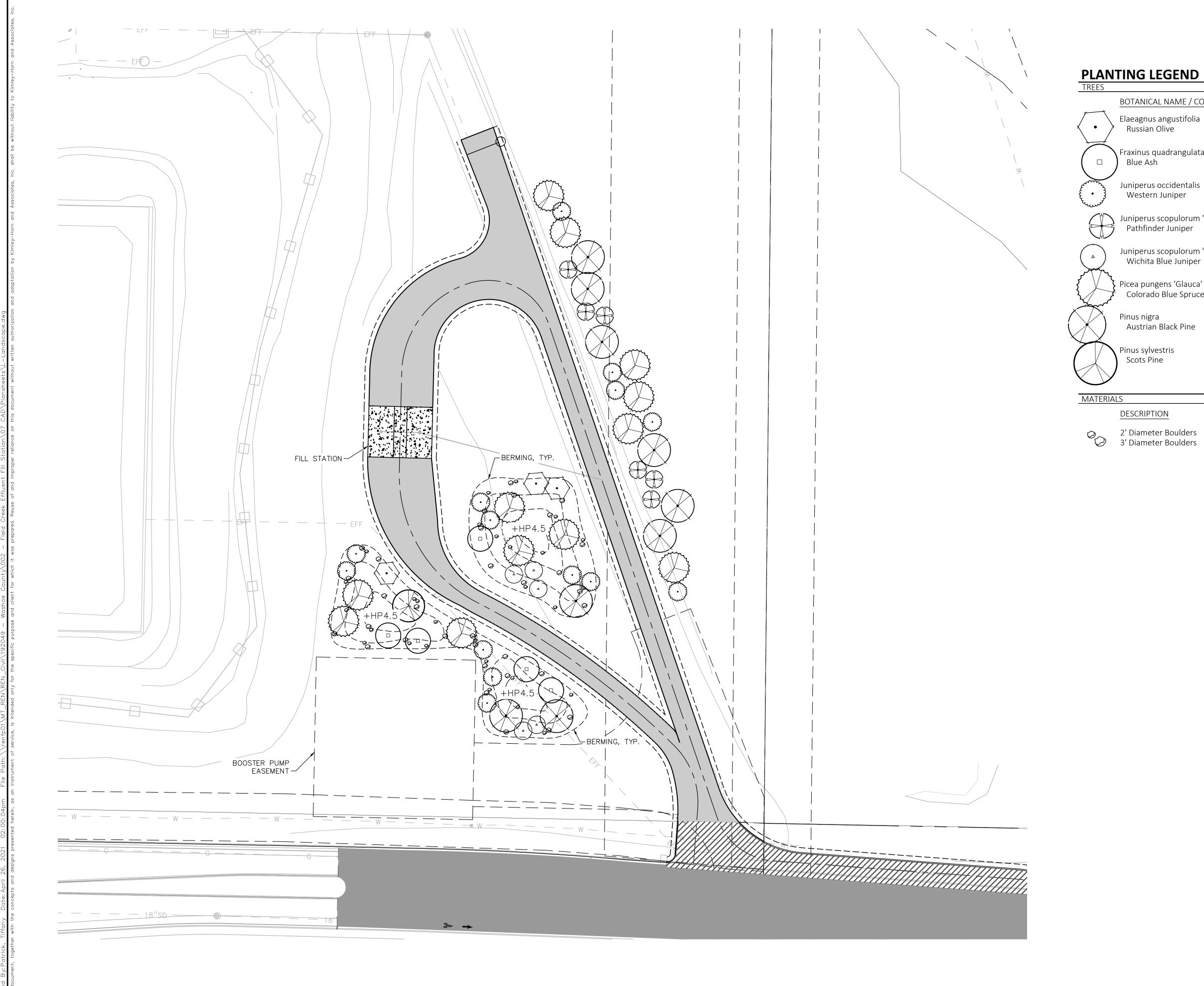


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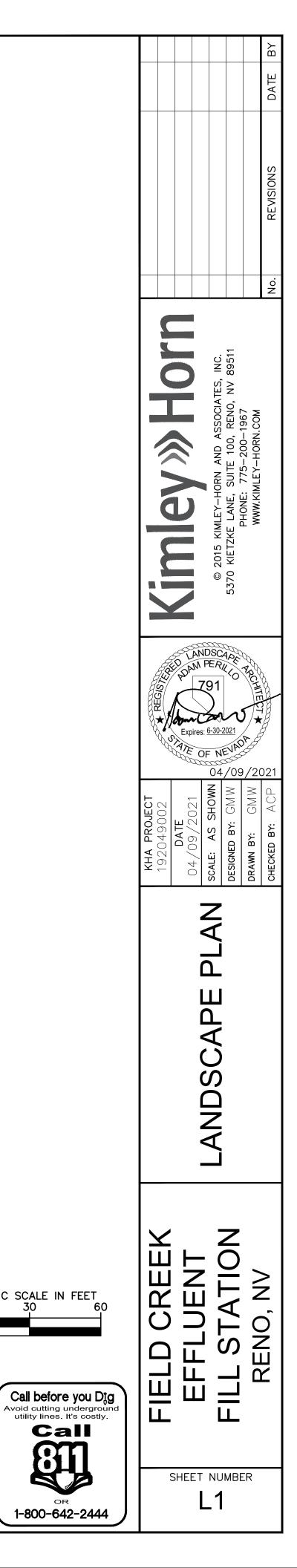
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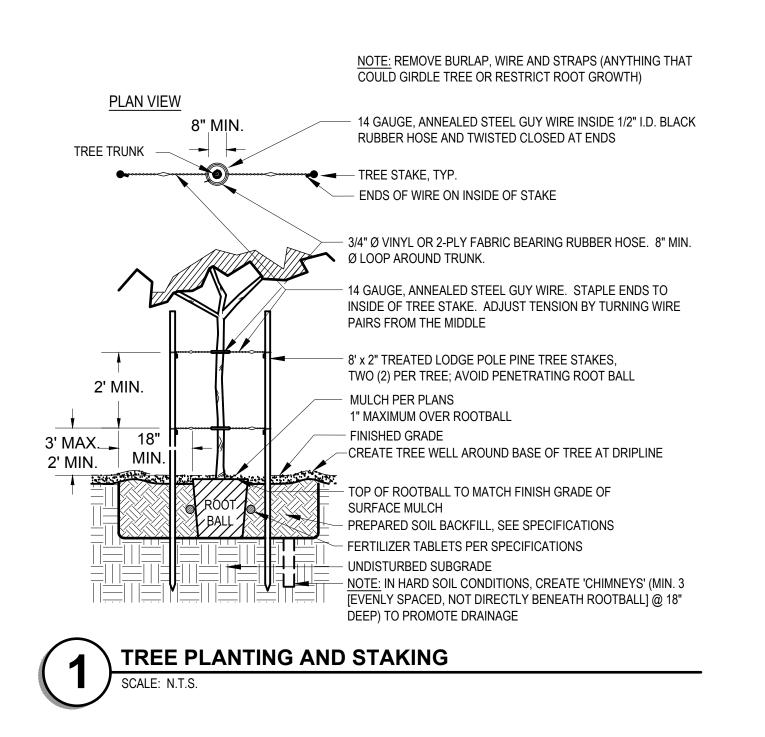
IICAL NAME / COMMON NAME	SIZE	QTY
nus angustifolia ian Olive	#15	3
us quadrangulata Ash	2" Cal.	5
rus occidentalis tern Juniper	#5	14
rus scopulorum 'Pathfinder' finder Juniper	#5	6
rus scopulorum 'Wichita Blue' nita Blue Juniper	#5	5
oungens 'Glauca' rado Blue Spruce	5' High	12
nigra rian Black Pine	7' High	9
sylvestris s Pine	7' High	1

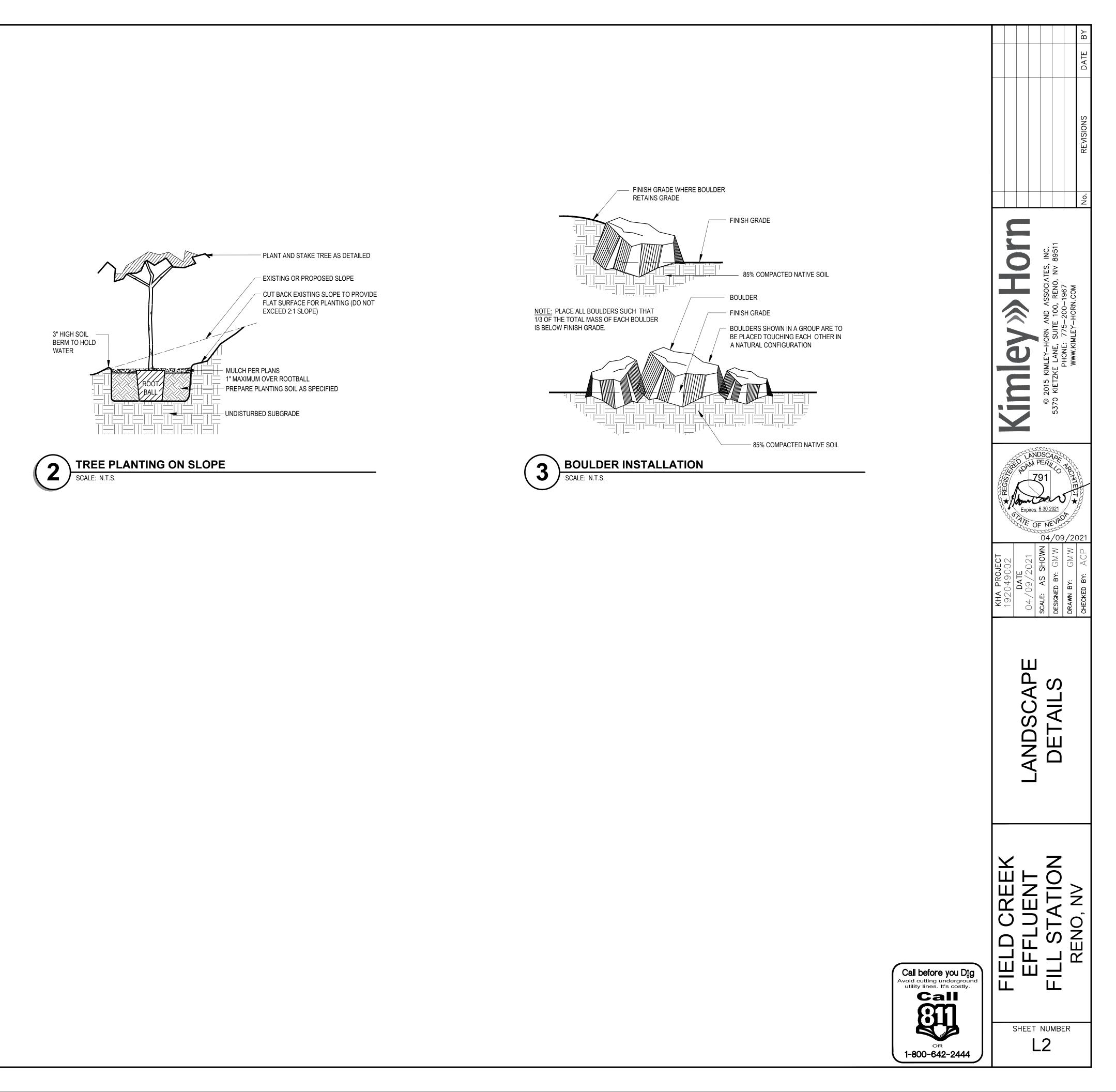
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meter Boulders meter Boulders	28 33

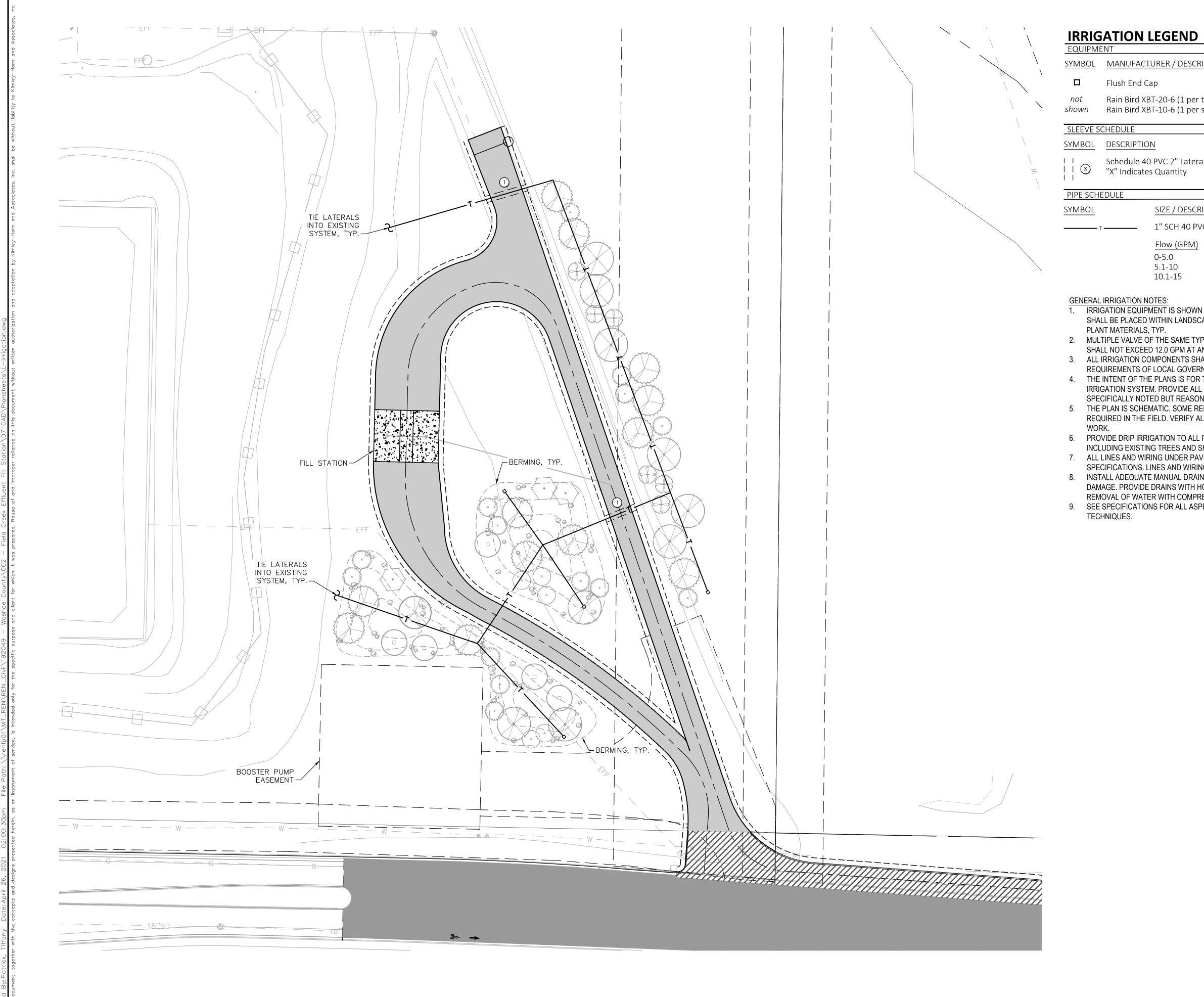


GRAPHIC SCALE IN FEET

ок **1-800-642-2444**







RER / DESCRIPTION	QTY
	4
20-6 (1 per tree, 6 ports open) 10-6 (1 per shrub, 5 ports open max)	AS REQ'D AS REQ'D
	QTY

Schedule 40 PVC 2" Lateral Sleeve, Spears or Equal 50 LF

SIZE / DESCRIF	PTION		QTY
1" SCH 40 PVC	Tree Lateral		815 LF
Flow (GPM)	Pine Size	Pine Class	

IOW (GPIVI)	Pipe Size	Pipe Class
-5.0	1/"	SCH 40 PVC
.1-10	3/4"	SCH 40 PVC
0.1-15	1"	SCH 40 PVC

1. IRRIGATION EQUIPMENT IS SHOWN DIAGRAMMATICALLY. ALL EQUIPMENT AND PIPING SHALL BE PLACED WITHIN LANDSCAPE AREAS. AVOID CONFLICTS WITH UTILITIES AND

2. MULTIPLE VALVE OF THE SAME TYPE MAY BE RUN SIMULTANEOUSLY. HOWEVER, SYSTEM SHALL NOT EXCEED 12.0 GPM AT ANY GIVEN TIME.

3. ALL IRRIGATION COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL GOVERNING AUTHORITIES.

4. THE INTENT OF THE PLANS IS FOR THE INSTALLATION OF A COMPLETE AND WORKABLE IRRIGATION SYSTEM. PROVIDE ALL MATERIALS AND INSTALLATION TECHNIQUES NOT SPECIFICALLY NOTED BUT REASONABLY INFERRED FOR THE WORK.

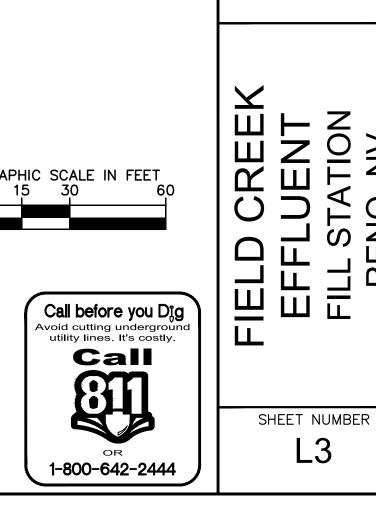
5. THE PLAN IS SCHEMATIC, SOME RELOCATION OF IRRIGATION COMPONENTS MAY BE REQUIRED IN THE FIELD. VERIFY ALL CONDITIONS IN THE FIELD THAT MAY AFFECT THE

6. PROVIDE DRIP IRRIGATION TO ALL PLANT MATERIAL TO BE INSTALLED ON THE PROJECT, INCLUDING EXISTING TREES AND SHRUBS TO BE RETAINED.

7. ALL LINES AND WIRING UNDER PAVED SURFACES SHALL BE SLEEVED, SEE

SPECIFICATIONS. LINES AND WIRING SHALL HAVE SEPARATE SLEEVES. 8. INSTALL ADEQUATE MANUAL DRAINS ON MAIN LINE TO PREVENT FREEZE RELATED DAMAGE. PROVIDE DRAINS WITH HOSE ON THE END OF EACH MAIN LINE TO FACILITATE REMOVAL OF WATER WITH COMPRESSED AIR.

9. SEE SPECIFICATIONS FOR ALL ASPECTS OF IRRIGATION EQUIPMENT AND INSTALLATION



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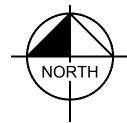
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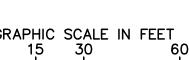
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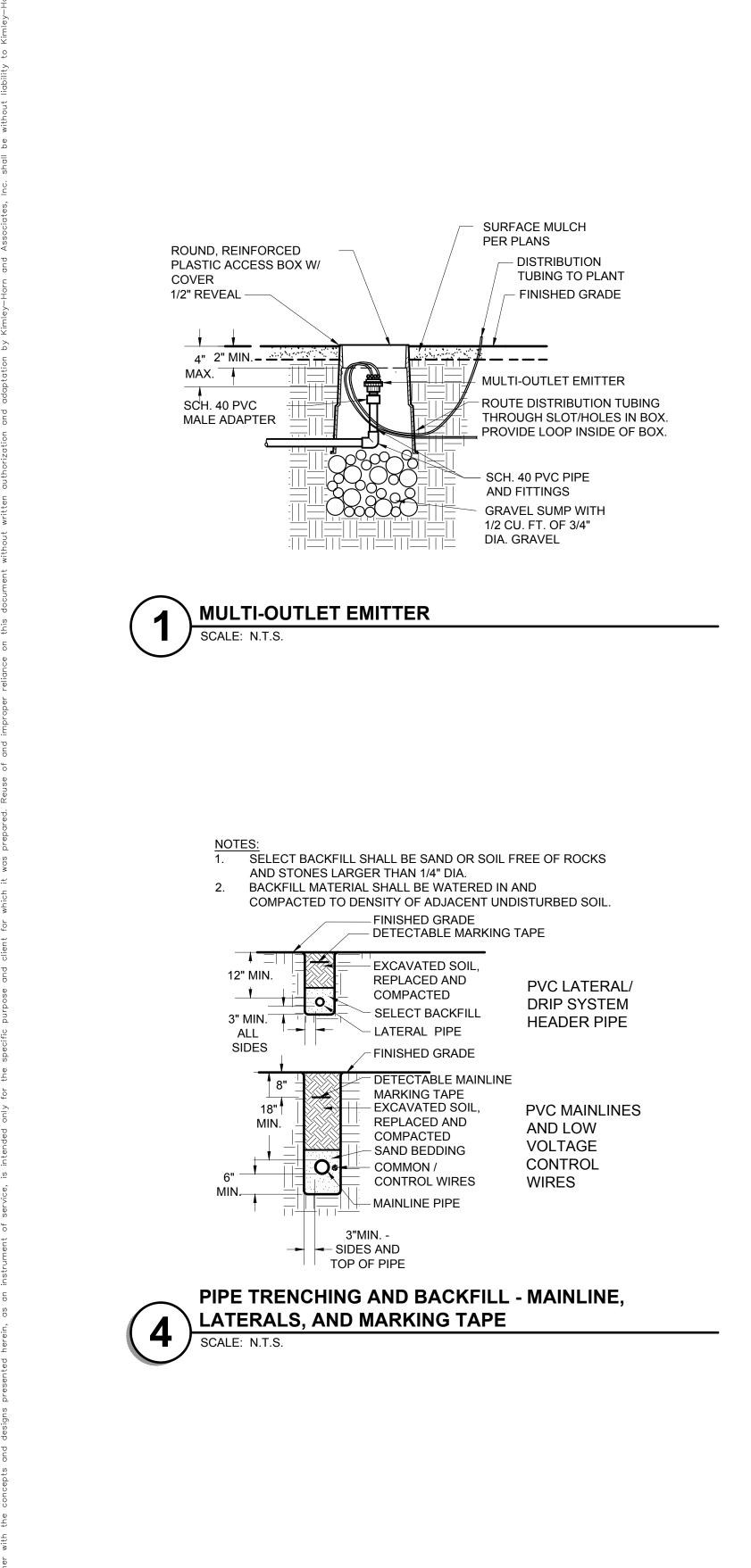
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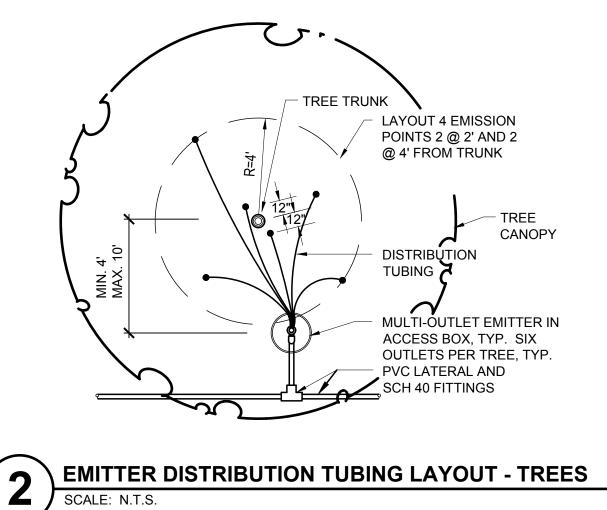


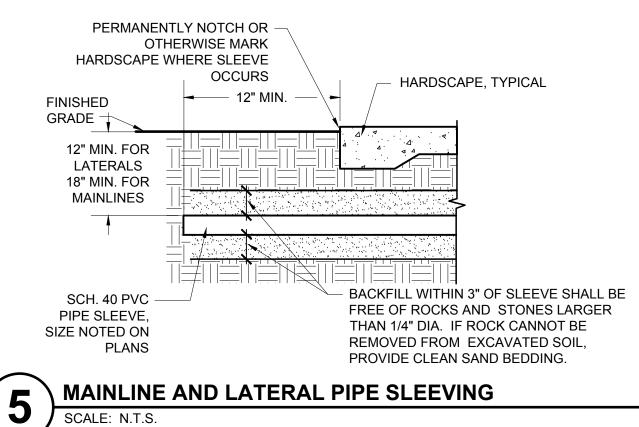




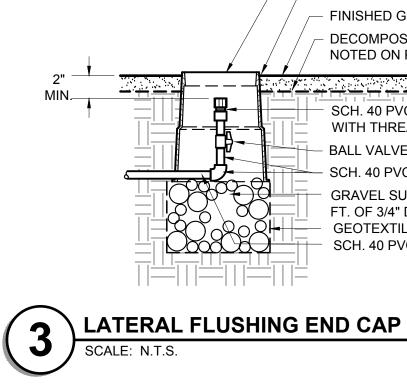


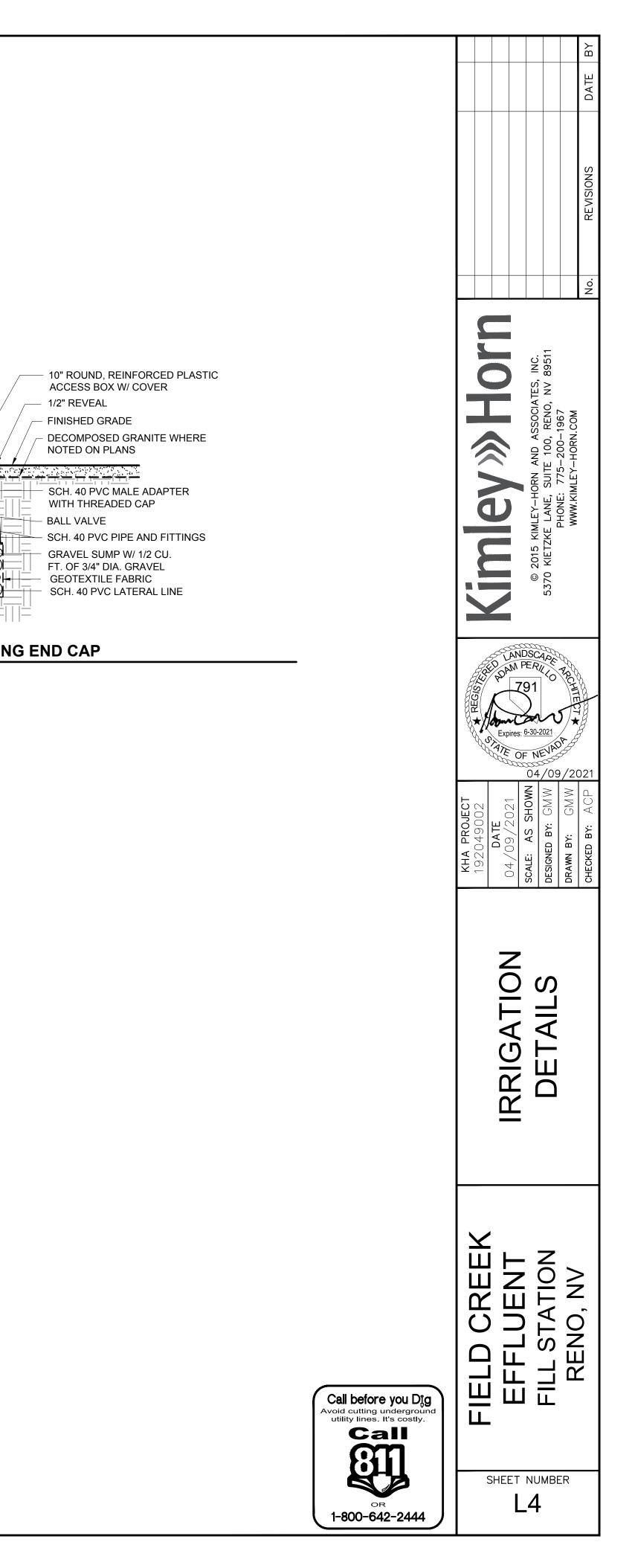
- 1. LENGTH OF DISTRIBUTION TUBING SHALL NOT EXCEED 12'-0". REFER TO LOCAL JURISDICTIONAL REQUIREMENTS; MAXIMUM ALLOWABLE LENGTH MAY BE LESS.
- 2. LAYOUT DISTRIBUTION TUBING AS SHOWN AND LOCATE DISCHARGE POINT 2" ABOVE FINISHED GRADE.











SECTION 307

DOMESTIC WATER AND IRRIGATION SYSTEM

30701 DESCRIPTION

This work shall consist of furnishing all labor, equipment and materials necessary to install, test and document a workable domestic water and irrigation system according to the drawings.

The irrigation layout shown on the drawings is schematic only. The actual layout of piping in the field shall be done to minimize sharp turns and piping under paving and maximize the use of common trenching wherever possible for mains and lateral lines. Locate all electric remote control valves and quick coupler valves in planting areas. Arrange control valves close together for ease of operation.

30708 POLYVINYL CHLORIDE PIPE

PVC (polyvinyl chloride) pipe for the landscape irrigation system shall conform to ASTM D2241 and shall be sized as indicated on the drawings. All PVC pipe shall be Schedule 40. Pipe shall be cut straight and true and ends shall be reamed out to the full inside diameter of the pipe. PVC pipe shall be partially backfilled between joints with small amounts of backfill material to prevent movement during the pressure test. All mainline piping shall be covered with a purple warning tape, located 12 inches above the main.

Prolonged exposure to temperatures near freezing make PVC sensitive to impact, and extra care shall be taken in handling PVC during cold weather. PVC lengths shall be lifted off of truck body surfaces to avoid abrasion.

All PVC fittings shall be Schedule 40. Slip fittings shall be joined using PVC cement and solvent applied according to manufacturer's instructions. Pipe and fittings shall be coated on mating surfaces with PVC primer and allowed to dry before applying cements. Primer shall not be allowed to run down the inside of pipe. Allow cement to air dry to a tacky state before assembly. Pipe fittings shall be pressed together and given a guarter (1/4) turn to seat fully, with excess cement being removed from the connection following assembly.

Threaded male fittings shall receive two (2) turns teflon plumbing tape around all threads prior to assembly. No field threading will be allowed. Irrigation mains to be installed at 34 depth.

307.11.01 Controller

Solid state electrical mechanical controller shall accommodate 117 VAC input and 24 VAC output. A circuit breaker or fusible connection shall be installed to protect the controller from overloads. Controller shall be a Rainbird ESP-Lit 6 station. Make all electrical connections as required.

307.11.02 Drip Irrigation

Tubing shall be Rainbird Xeri-tube 700, or approved equal, polyethelene. Emitters shall be Rainbird XB-10 for shrubs (2 each), and XB-20 (3 each) for trees. Emitters shall be above ground. Bury flex tubing 4 inches below finish grade. Valve shall be a Rainbird 1? PESB series. Filter shall be a Rainbird RBY-200 MX with PSI-L30X pressure regulator. End plugs shall be placed at the end of each drip line and located inside of a 91 valve box.

307.11.04 Gate Valves

Gate Valves shall be the same size as the pipe on which they are placed unless otherwise indicated on the Plans. Valves two and one-half inches $(2 1/2^{\circ})$ and smaller shall be bronze with a threaded connection. Valves three inches (3") and larger shall be iron body, bronze mounted, double disc, parallel seat type with 'O' ring seals and shall comply with AWWA Standards.

307.11.05 Quick Coupler Valve

Install quick coupler values as shown on the Plans and Details. Value shall be of 2-piece, brass or bronze construction, with a three-quarter inch (3/4*) female bottom connection. Use Rainbird 44NP or approved equal in nine inch (9*) diameter box.

307.11.6 Pressure Reducer

The pressure reducer shall be a Watts series U5, I' size, capable of reducing pressure from a 300 psi maximum to a pre-set 50 psi.

307.11.09 Drain Valves

Provide three-quarter inch (3/4") brass gate value at lowest point of irrigation main. Provide for inch (4) plastic pipe over valve, gravel sump beneath valve, and a plastic cap to mark valve location. Install according to detail.

307.11.14 Galvanized Steel Pipe

Galvanized steel pipe of the size required shall be used for all above ground applications. All pipe shall have sound, clean cut standard pipe threads, well fitted. All pipe shall be well reamed to the full diameter and burrs removed before assembly.

307.11.17 Installation

Wiring from the controller to the valves shall be done using fourteen (14) gauge, direct burial, copper wire for the control wire and twelve (12) gauge, direct burial, copper wire for the ground wire. Red insulation shall be used to identify the control wire and white insulation shall be used to identify the ground wire. All splices shall be made in valve boxes with DBY connectors or approved equal. Wire shall be placed in the same trench with piping. It shall be gathered and bundled every fifteen to twenty feet (15'-20') and "snaked" from side to side in the trench to provide slack throughout the wiring run.

As Builts

The Contractor shall furnish a complete, to scale, as-built drawing of the irrigation system to the Owner, along with all manufacturer's warranty and instruction information.

The Contractor shall furnish to the Owner three (3) quick coupler keys.

Trenching

All mainline piping shall be buried a minimum of twenty-four inches (24*) below finish grade. Lateral lines shall be a minimum of eighteen inches (18) below finish grade.

Trenches shall be backfilled with topsoil which is free of rocks and other debris. Backfill material shall be moistened during backfill operations to prevent future settling.

Flushing 4 Testing

Piping shall be completely flushed of foreign particles before attaching sprinkler heads and drain valves.

After flushing and when valves and quick couplers are in place, all main supply lines shall be tested at one hundred and fifty pounds (150 Lbs.) per square foot, with valves closed. Maintain pressure for a period of eight (8) consecutive hours. All joints showing leaks shall be cleaned, remade and tested.

After flushing, section lines shall be tested with risers capped and drain valves closed. The test shall be made at maximum operating pressure for a period of one (1) hour. All joints showing leaks shall be cleaned, remade and tested.

All testing shall be done in the presence of the Owner's representative prior to backfilling over piping.

The Contractor shall familiarize designated maintenance personnel with the operation and maintenance of the system, including emergency shut-off procedures, the programming and operation of the irrigation controller, and system winterization.

The Contractor shall, for a period of one (1) year from the date of acceptance of the work guarantee the installation and operation of the irrigation system. Any malfunction or defect, which occurs during this time, will be repaired by the Contractor at no additional cost.

Specifications.

SECTION 331

LANDSCAPING

33101 DESCRIPTION

Nomenclature for plant names and varieties shall be in accordance with the latest edition of "Standardized Plant Names" as prepared by the American Joint Committee on Horticultural Nomenclature.

No substitution of plant material will be permitted unless evidence is submitted in writing to the Owner that a specified plant cannot be obtained and has been unobtainable since the award of the Contract. If substitution is permitted, it can be made only with written approval by the Owner.

331.04 SEEDING

2 Lbs. pe
2 Lbs. pe
2 Lbs. pe
3 Lbs. pe
1 Lb. per
2 Lbs. pe
1/4 Lb. pe
1/4 Lb. pe
2 Lbs. pe
2 Lbs. pe

APPLICATION:

A. Fertilizer: 16-20-0 fertilizer shall be spread separately in dry form at the rate of 300 Lbs per acre during preparation of seedbed.

B. Seed: Shall be applied between November 1 and February 28 for winter moisture. Use a disc-type drill for seeding + place drill rows uniformly 8 to 10 inches apart. Plant seed not less than 1/4 inch deep or more than 1/2 inch deep. Follow the seeder with a drag, packer, or roller to ensure uniform coverage of the seed and adequate compaction. Drill on the contour, not up and down a slope. When slopes are too steep for contour drilling, use a 'cyclone' hand seeder or similar broadcast seeder. Rate of application with mechanical hand seeder shall be twice the rate called for above. Seed shall not be broadcast when the weather is windy or wet, the ground is frozen, or otherwise untillable. Other methods of seeding must have prior written approval by the Engineer. The Contractor shall protect seeded areas from damage by traffic or construction equipment. Areas damaged from these causes shall be repaired by the Contractor.

C. Mulch: Immediately after seeding, apply a straw mulch at a rate of 3,000 lbs. per acre. Anchor with a straw punching machine to secure the straw. Straw shall be clean, free from noxious weed seed. Commercial products may be used in lieu of straw with Engineers approval.

307.11.20 Adjusting

307.13 BASIS OF PAYMENT

Basis of payment shall be lump sum for the irrigation system, installed per Plans and

Payment for domestic water shall be at the bid unit price per lineal foot for the respective pipes, complete and in place as itemized in the Bid Proposal.

No direct payment shall be made for connections to existing domestic water and irrigation systems. Such compensation shall be included in other items of work.

This work shall consist of furnishing and planting trees, shrubs and vines where shown on the Plans. This section also covers the provision and installation of materials relating to the landscaping process, including, but not limited to, non-living ground cover, header materials, landscape retaining walls, redwood benches, fertilizers, mulches, tree and tree stakes.

331.02.01 Nomenclature

3310202 Quality of Plant Material

It is the intent of the Specifications that all plant material meet the standards as set forth herein, throughout the life of the Contract. During inspections, all plant material will be judged and rejections shall be based upon these standards.

All plants shall be first-class nursery grown representative of their normal species and shall be true to type or name as shown on the Plans.

All plants shall comply with Federal and State laws requiring inspection for plant diseases and infestations.

In determining the quality of plant material, consideration will be given to the root condition, plant size, insect and disease free condition, and general appearance. A deficiency in any one (1) or more of these shall be sufficient reason to reject selectively or by lot.

331.02.05 Substitution of Plants

A. Seed Species: Contractor shall submit 3 copies of data on seed purity and germination.

B. Seed Mix: Shall be applied in the following proportions:

r acret Indian Ricearass

- r acret Atripiex r acre± Great Basin Wildrye
- er acre± Siberian Wheatgrass
- acret Canbys bluegrass r acret Annual rue
- er acret Palmer benstemon
- er acre± Blue Flax
- r acre± Shadescale Lbs. per acre± Bitterbrush
- 2 Lb. per acret Rubber Rabbitbrush
- Total: 215 Lbs. per acre, PLS.

PREPARATION:

A. Site: Upon completion of construction operations the seedbed shall be scarified parallel with the slope (along the contour) to a minimum depth of 4 inches leaving definite furrows. The material surface shall also be in an uncompacted workable condition for seeding. Areas not suitable for scarifying shall be left in a rough condition to simulate the scarified areas. Remove rock, debris, and clods that are 2 inches in diameter or larger.

331,05 PLANTING BEDS

The soil preparation shall not be initiated until after grad irrigation system has been installed, tested, adjusted and soll in planter areas for planting. Remove construction d mounding, supplement with imported, friable loam, free of amounts of weeds, stone and foreign material± acidity ran minimum of four percent (4%) and a maximum of twenty-five The ground surface within the area shall then be loosened of six inches (6"). When required, humus, commercial fertili incorporated at the rate specified in the planting notes thoroughly and uniformly tilled into the soil to a depth of brought to a plane in conformance to the elevations show shall then be consolidated with approved culti-packers

When adding topsoil fill over existing grade, cultivate su equipment has compacted soil.

331.05.04 Planting Holes

Verify that final grades have been established prior to b shall be drilled with a power auger to the dimensions spe otherwise approved by the Owner. Holes shall be drilled the stake or marking being considered the center of the and horizontal bottoms. Scarify sides of plant pit prior to

When required, humus, commercial fertilizer and other addition rates specified in the Contract Documents and shall be th material removed from the holes prior to backfilling. After shall be saturated with water to the full depth of the hole Sufficient backfill material shall be placed so that after p the basin will conform to the section as shown in the Plane

Backfill material shall be native soil that is free of rocks, material. Protect existing underground improvements from

331.06 PLANTING

Inspect trees and shrubs for injury, infestation or imprope wrapping trees until deficiencies are corrected or plants

No more plants shall be distributed within the project on watered on that day.

Any planting done in soil that is too wet or dry or not pro will not be accepted. No payment will be made for such p will be suspended until the Contractor has complied in ev

331.11.03 Trees and Shrubs

For trees and shrubs backfill using native soil minus rocks

331.16 REPLACEMENTS

Landscaping Contractor shall guarantee the survival of al for one (1) year from the date of acceptance of the proj by the Owner within this time period shall be replaced by additional cost to the Owner. Replacement shall be done appropriate planting season for the plants in question.

331.17 BASIS OF PAYMENT

Basis of payment shall be lump sum which shall be full comp tools and equipment necessary to complete the work as s

There shall be no direct payment for preparation and stak soil treatment, and application of fertilizers. This work sha sum of other items of landscape work

		DATE BY
ading has been completed and the nd accepted by the Owner. Use existing debris and other foreign matter. For f subsoil, roots, grass, excessive ange (pH) of 6.2 to 7.5± containing a ve percent (25%) organic matter. ed and thoroughly pulverized to a depth ilizer and other additives shall be s and/or Specifications and shall be of six inches (6"). The area shall then be own on the Plans. The area to be planted s or rollers.		REVISIONS
sub-grade to a depth of 12-18' where		<u> </u>
beginning planting operation. All holes ecified in the Contract Documents unless d at the location of each individual plant, a holes. The holes shall have vertical walls to planting. litives shall be incorporated at the thoroughly and uniformly mixed with the ter backfilling the holes, the material les and until ponding appears in the basin. planting and settlement has taken place, ns. s, construction debris and other foreign om damage.		HEY-HORN AND ASSOCIATES, INC. E LANE, SUITE 100, RENO, NV 89511 PHONE: 775-200-1967 WWW.KIMLEY-HORN.COM
er pruning. Do not begin planting or		Z015 KI KIETZKE
e replaced. n any one (1) day than can be planted and		6 5370
roperly conditioned as provided herein planting and any further planting work every way with the Specifications.		LANDSCADE LANDSCADE LANDSCADE LANDSCADE LANDSCADE LANDSCADE
e and Agriform tablets, per detaile.		€xpires: <u>6-30-2021</u>
all plants installed as part of the Contract bject by the Owner. Plants found to be dead y the Landscaping Contractor at no he as soon as possible considering the npensation for all material, labor,		KHA PROJECT 192049002 DATE 04/09/2021 SCALE: AS SHOWN PESIGNED BY: GMW DRAWN BY: GMW CHECKED BY: ACP
specified. abilization of planting beds, pre-emergent nall be deemed included in the lump		
		SPECIFICATIONS
	Cal before you Dig Avoid cutting underground utility lines. It's costly.	FIELD CREEK EFFLUENT FILL STATION RENO, NV
	ок 1-800-642-2444	SHEET NUMBER

GENERAL STRUCTURAL NOTES DESIGN SPECIFICATION 2018 INTERNATIONAL BUILDING CODE WITH NORTHERN NEVADA AMENDMENTS CONSTRUCTION SPECIFICATION 2012 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION REVISION 8 **DESIGN LOADS** DESIGN DEAD LOAD SELF WEIGHT OF MATERIAL WEIGHT OF WATER IN PIPE - 62.4pcf DESIGN LIVE LOAD THRUST OF WATER IN PIPE BEND - 1000lb DESIGN WIND LOAD ULTIMATE DESIGN WIND SPEED = 120mphRISK CATEGORY = IIWIND EXPOSURE = CDESIGN WIND PRESSURE = 32psf (STRENGTH) DESIGN SOIL LOAD WEIGHT OF SOIL = 125pcfEQUIVALENT FLUID PRESSURE FOR ACTIVE SOIL PRESSURE = 35psf EQUIVALENT FLUID PRESSURE FOR AT-REST SOIL PRESSURE = 55psf EQUIVALENT FLUID PRESSURE FOR PASSIVE SOIL PRESSURE = 300psf COEFFICIENT OF FRICTION = 0.45ALLOWABLE SOIL BEARING PRESSURE = 2000psf STRUCTURAL STEEL PLATES SHALL CONFORM TO ASTM A36 UNLESS NOTED OTHERWISE. HSS RECTANGULAR MEMBERS SHALL CONFORM TO ASTM A500, GRADE C (50 KSI). PROVIDE MINIMUM 1/2 INCH THICK CAP PLATE AT EXPOSED ENDS OF ALL HSS MEMBERS. DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AISC CODES AND SPECIFICATIONS, INCLUDING THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS. SHOP CONNECTIONS SHALL BE MADE BY WELDING. FIELD CONNECTIONS SHALL BE MADE WITH HIGH-STRENGTH BOLTS, EXCEPT WHERE WELDING IS INDICATED ON THE DRAWINGS. HIGH-STRENGTH BOLTS SHALL CONFORM TO ASTM DESIGNATION A325 BEARING TYPE CONNECTION WITH THREADS INCLUDED IN SHEAR PLANE UNLESS NOTED OTHERWISE. ALL BOLTS SHALL BE 3/4 INCH DIAMETER UNLESS NOTED OTHERWISE. ANY 1/4 DIAMETER BOLTS SHALL CONFORM TO ASTM F593. ALL EXPOSED BOLTS SHALL BE STAINLESS STEEL. ALL BOLTED CONNECTIONS SHALL BE SNUG-TIGHT PER RCSC (RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS) SPECIFICATIONS. ALL WELD SIZES, NOT INDICATED SHALL COMPLY WITH THE LATEST AWS D1.1 BUT IN NO CASE SHALL WELD SIZE BE LESS THAN $\frac{3}{16}$ INCH. CONCRETE AND REINFORCEMENT CAST-IN-PLACE CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI. REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60, fy = 60,000 PSI. HOOKS AND BENDS FOR REINFORCING BARS SHALL CONFORM TO THE REQUIREMENTS OF ACI318-14. ALL BEND DIMENSIONS FOR REINFORCING STEEL SHALL BE OUT-TO-OUT OF BARS. ALL PLACEMENT DIMENSIONS FOR REINFORCING STEEL SHALL BE TO CENTER OF BARS UNLESS NOTED OTHERWISE. ALL REINFORCING SHALL HAVE 2" CLEAR COVER UNLESS NOTED OTHERWISE. ALL EXPOSED CONCRETE CORNERS SHALL BE CHAMFERED 3/4". SPECIAL INSPECTIONS SPECIAL INSPECTION IS REQUIRED OF MATERIALS, INSTALLATION, FABRICATION, ERECTION OR PLACEMENT OF COMPONENTS AND CONNECTIONS REQUIRING SPECIAL EXPERTISE TO ENSURE COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS. COORDINATE SCHEDULES WITH AGENCY PERFORMING SPECIAL INSPECTION TO INSURE AMPLE TIME IS AVAILABLE TO PERFORM REQUIRED TASKS. SPECIAL INSPECTIONS SHALL BE PROVIDED PER 2018 INTERNATIONAL BUILDING CODE (IBC) CHAPTER 17. A. STRUCTURAL STEEL AS REQUIRED BY IBC SECTION 1705.2.1 B. CONCRETE AS REQUIRED BY IBC TABLE 1705.3 FABRICATOR SHALL SUBMIT CERTIFICATE OF COMPLIANCE STATING WORK PERFORMED WAS IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS. **SUBMITTALS** CONTRACTOR SHALL PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. ALL WELD AND BOLT CONNECTIONS MUST BE APPROVED BY THE ENGINEER.

