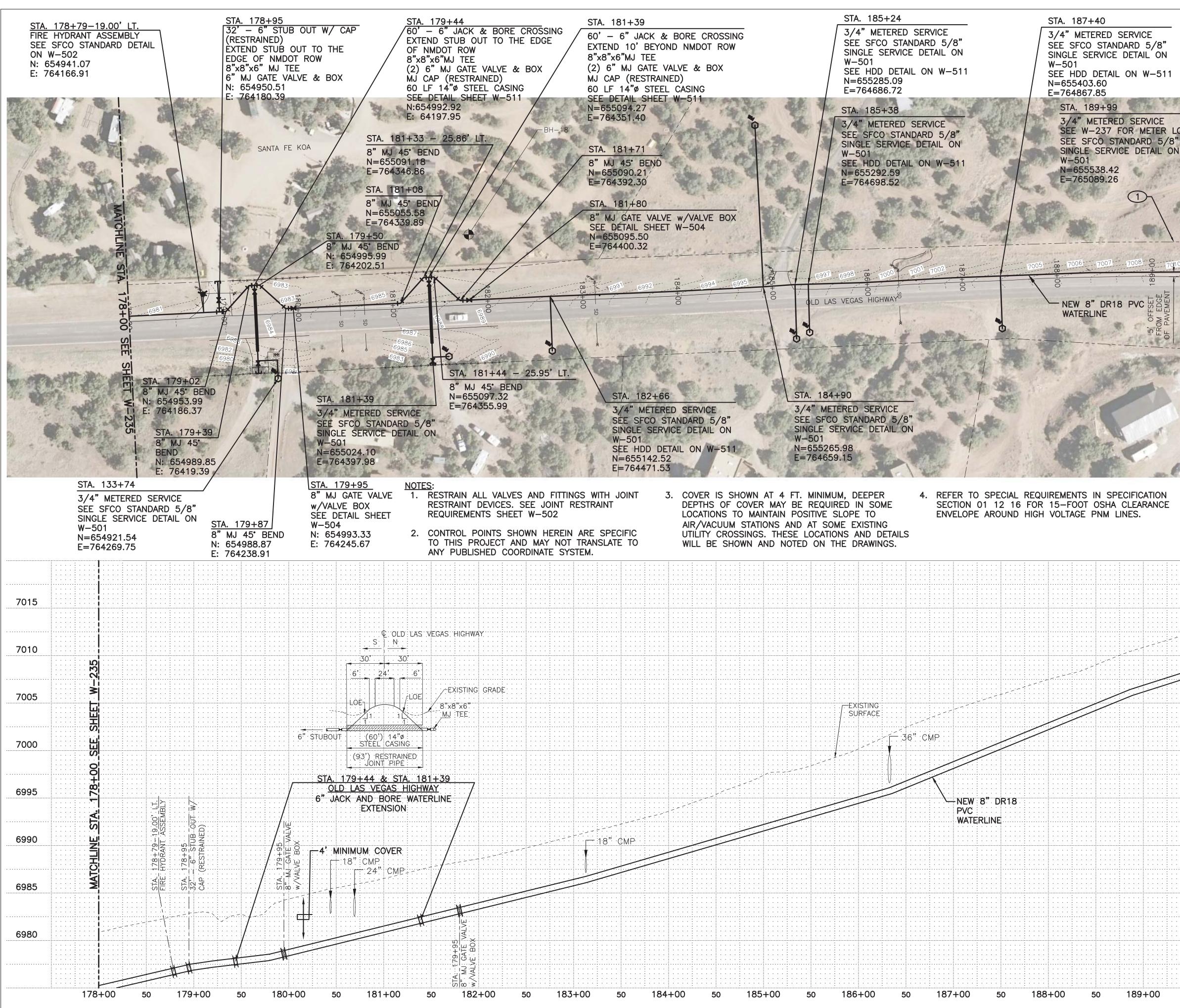


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CAUTION:

TA BE

NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE SHOWN IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.



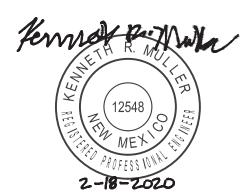
2701 Miles Road SE Albuquerque, New Mexico 87106 505 242 5700 office 505 242 0673 fax MolzenCorbin.com

NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT

KEYED NOTES

1 NMDOT ROW

D SERVICE OR METER LOCATION NDARD 5/8" E DETAIL ON	190+00 SEE SHEET W-237-	BH-19-	
5' OFFSET FROM EDGE OF PAVEMENT	MATCHLINE STA. 19040		
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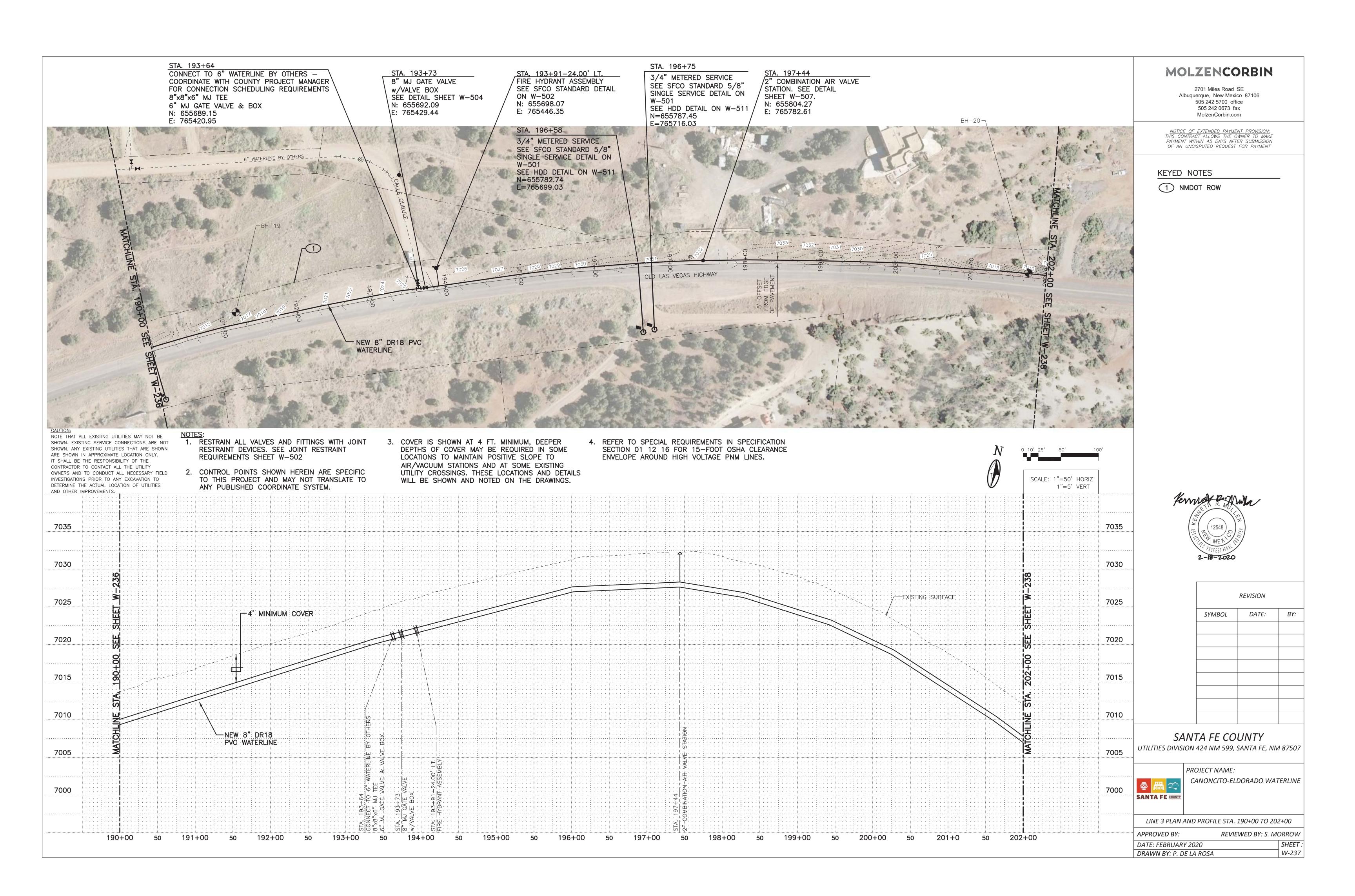
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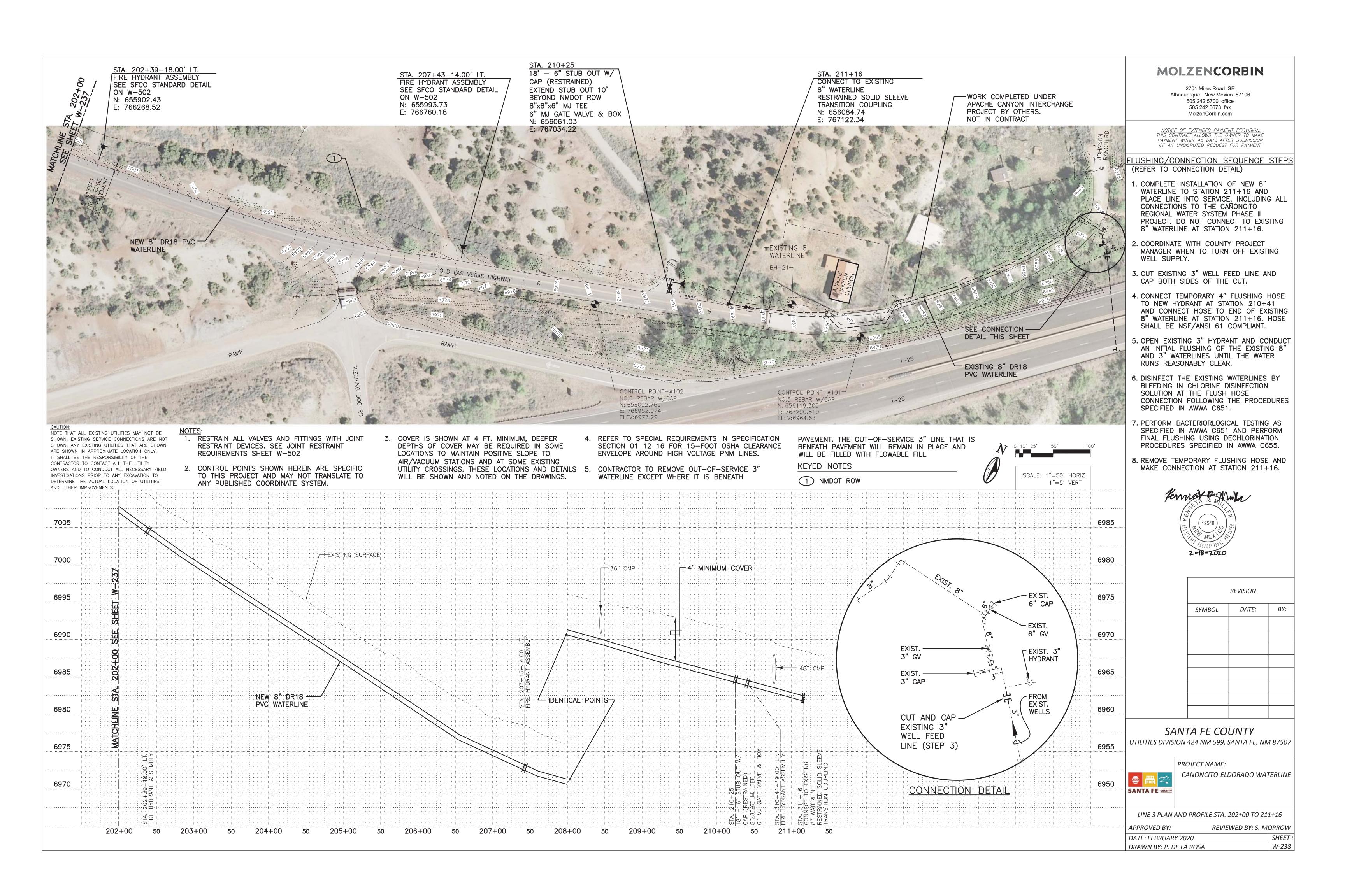
SANIA FE COUNIY UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

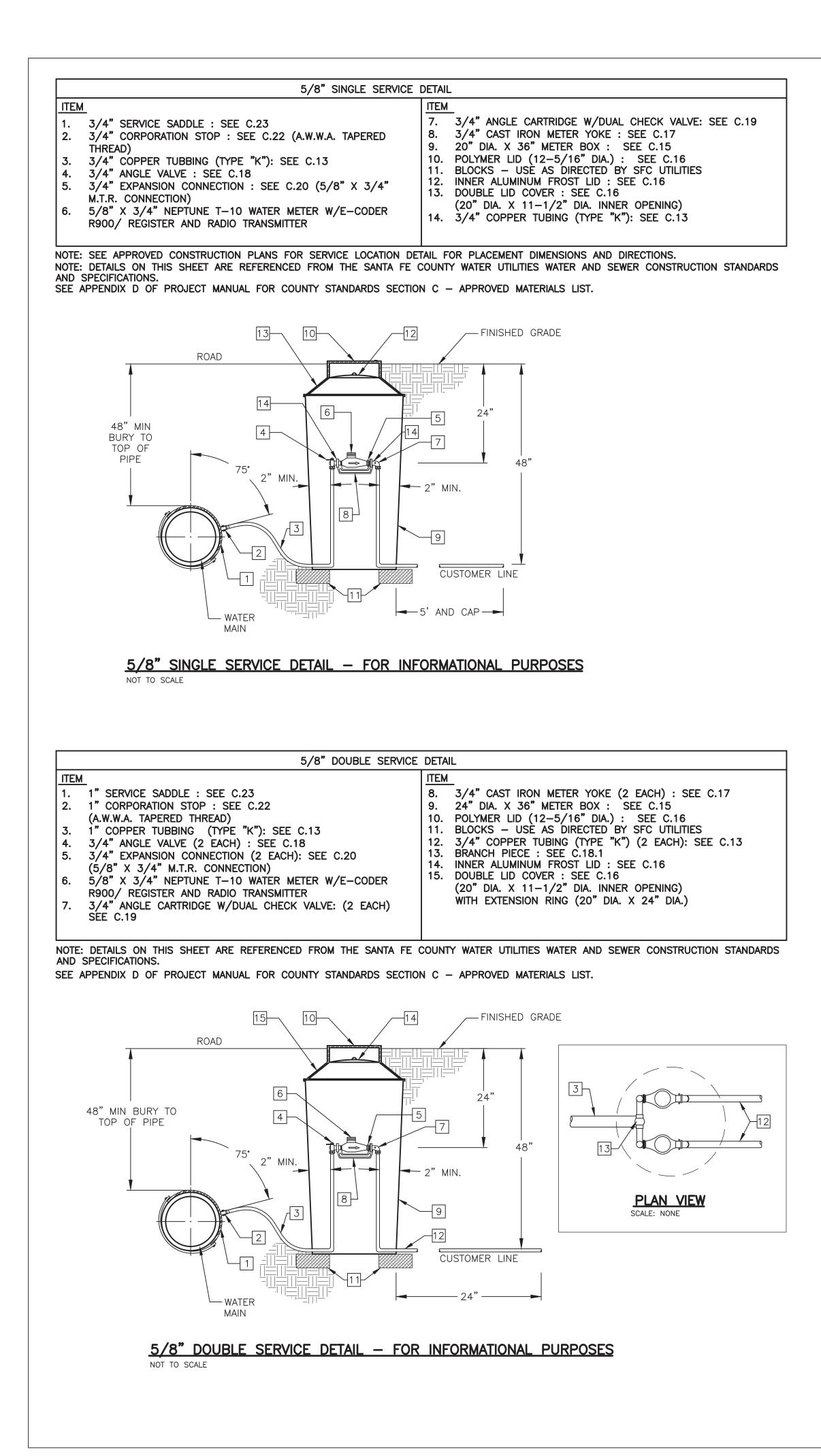


CANONCITO-ELDORADO WATERLINE

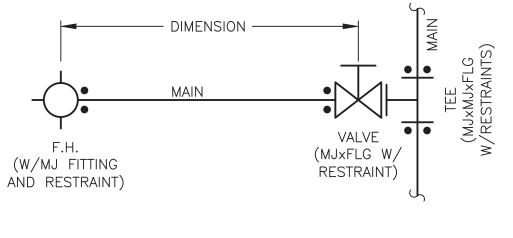
LINE 3 PLAN AND PROFILE STA. 178+00 TO 190+00						
APPROVED BY:	ORROW					
DATE: FEBRUAR	Y 2020		SHEET :			
DRAWN BY: P. D	E LA ROSA		W-236			

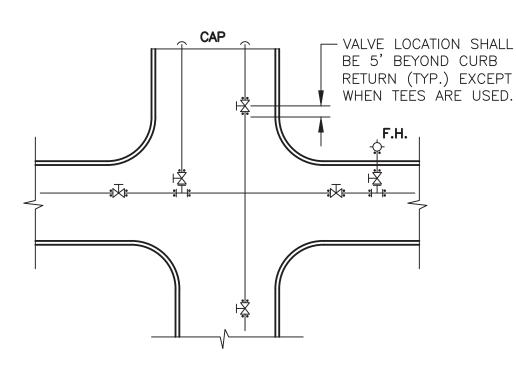






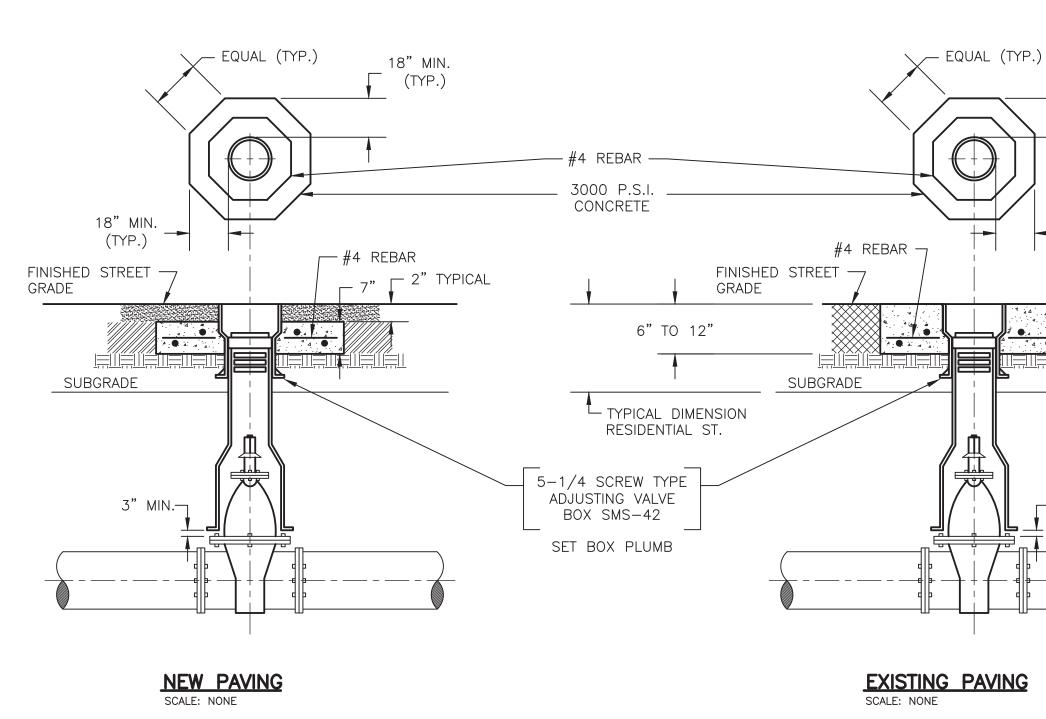
NOTE: SEE APROVED CONSTRUCTION PLANS FOR HYDRANT LOCATION DETAIL FOR PLACEMENT DIMENSIONS AND DIRECTIONS.





VALVE INSTALLATION

- 1. VALVES SHALL BE LOCATED AT ROAD INTERSECTION WITH THE INTENT OF ISOLATING THE WATER DISTRIBUTION SYSTEM WITH THE N-1 RULE OR AS APPROVED BY SFC UTILITIES.
- 2. INLINE VALVES SHALL TYPICALLY BE INSTALLED FIVE (5) FEET BEYOND THE CURB RETURN AS SHOWN IN THE DETAIL AND CONSIST OF MECHANICAL JOINT FITTINGS WITH RESTRAINTS EXCEPT WHEN USING TEES, WHICH SHALL HAVE MECHANICAL JOINT X FLANGE FITTINGS.
- 3. VALVES ON FIRE HYDRANT LEGS SHALL HAVE MECHANICAL JOINT X FLANGE FITTINGS AND SHALL CONNECT TO FIRE HYDRANT TEE WITH THE FLANGE FITTING AND THE MECHANICAL JOINT FITTING SHALL HAVE A RESTRAINT, AS SHOWN IN THE DETAIL.
- 4. VALVES ON TEES SHALL HAVE VALVES AND TEES WITH MECHANICAL JOINT X FLANGE FITTINGS. THE MECHANICAL JOINT FITTING SHALL HAVE A RESTRAINT AS SHOWN IN THE DETAIL.



VALVE BOX INSTALLATION: NEW PAVING

VALVE BOXES SHALL BE INSTALLED AND RAISED TO GRADE IN THE FOLLOWING MANNER FOR NEW PAVING.

- 1. VALVE BOX SHALL BE INSTALLED OVER VALVE DURING MAIN INSTALLATION. TOP OF VALUE BOX SHALL BE LEFT BELOW THE TOP OF SUB GRADE UNTIL
- VALVE IS READY TO BE RAISED TO FINAL GRADE. 2. WHEN THE VALVE BOX IS READY TO BE RAISED, AN OCTAGON SHAPE SHALL BE CUT-OUT AROUND THE VALVE BOX FROM THE FIRST PAVING LIFT (AS SHOWN IN DETAIL) THE VALVE BOX SHALL BE RAISED TO THE FINISHED STREET GRADE; THE SOIL AROUND THE VALVE BOX SHALL BE THOROUGHLY COMPACTED IN ACCORDANCE WITH SFC STANDARDS; THE CONCRETE COLLAR (CONSISTING OF 3,000 PSI CONCRETE AND #4 REBAR) SHALL BE POURED FLUSH WITH TOP OF THE FIRST PAVING COURSE (INCLUDING HAND RODDING CONCRETE TO REMOVE VOIDS) AND THE VALVE BOX SHALL BE PROTECTED FROM VEHICULAR TRAFFIC FOR 24 HOURS.

EXISTING PAVING INSTALL VALVE BOXES PER "NEW PAVING" (ABOVE) WITH THE CONCRETE COLLAR POURED FLUSH WITH THE FINISHED GRADE OF THE EXISTING PAVING WITH A SMOOTH TROWELED FINISH. NOTE: IF EXCAVATION OVER 42" SQUARE IS REQUIRED TO ADJUST VALVE BOX TO GRADE, "NEW PAVING" CONCRETE COLLAR PROCEDURES SHALL BE FOLLOWED AS WELL AS ANY NECESSARY PAVING SHALL BE COMPLETED. **UNPAVED AREAS**

IN DIRT OR GRAVEL STREETS, TOP OF VALVE BOX AND CONCRETE COLLAR SHALL BE LEFT 6" BELOW THE STREET GRADE. IN OTHER UNPAVED AREAS, VALVE BOX AND CONCRETE COLLAR SHALL BE LEFT 2" ABOVE FINISHED GRADE OR AS DIRECTED BY SFC UTILITIES. **PROTECTION OF VALVE BOXES:**

VALVE BOXES SHALL BE PROTECTED FROM DAMAGE, LOSS AND SHALL NOT BE FILLED WITH DIRT AND DEBRIS. VALVES MUST BE ACCESSIBLE DURING CONSTRUCTION WITH MINIMUM EXCAVATION. VALVES IDENTIFIED BY SFC UTILITIES AS KEY SHUT OFF VALVES SHALL REMAIN AT GRADE AND PROTECTED DURING ALL PHASES OF CONSTRUCTION.

(TYP.) 9" MIN. 1

THE N-1 RULE OR AS DNSIST OF MECHANICAL JOINT TEE WITH THE FLANGE FITTING G SHALL HAVE A RESTRAINT AS

18" MIN.

18" MIN.

(TYP.)

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<u>NOTICE OF EXTENDED PAYMENT PROVISION:</u> THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT



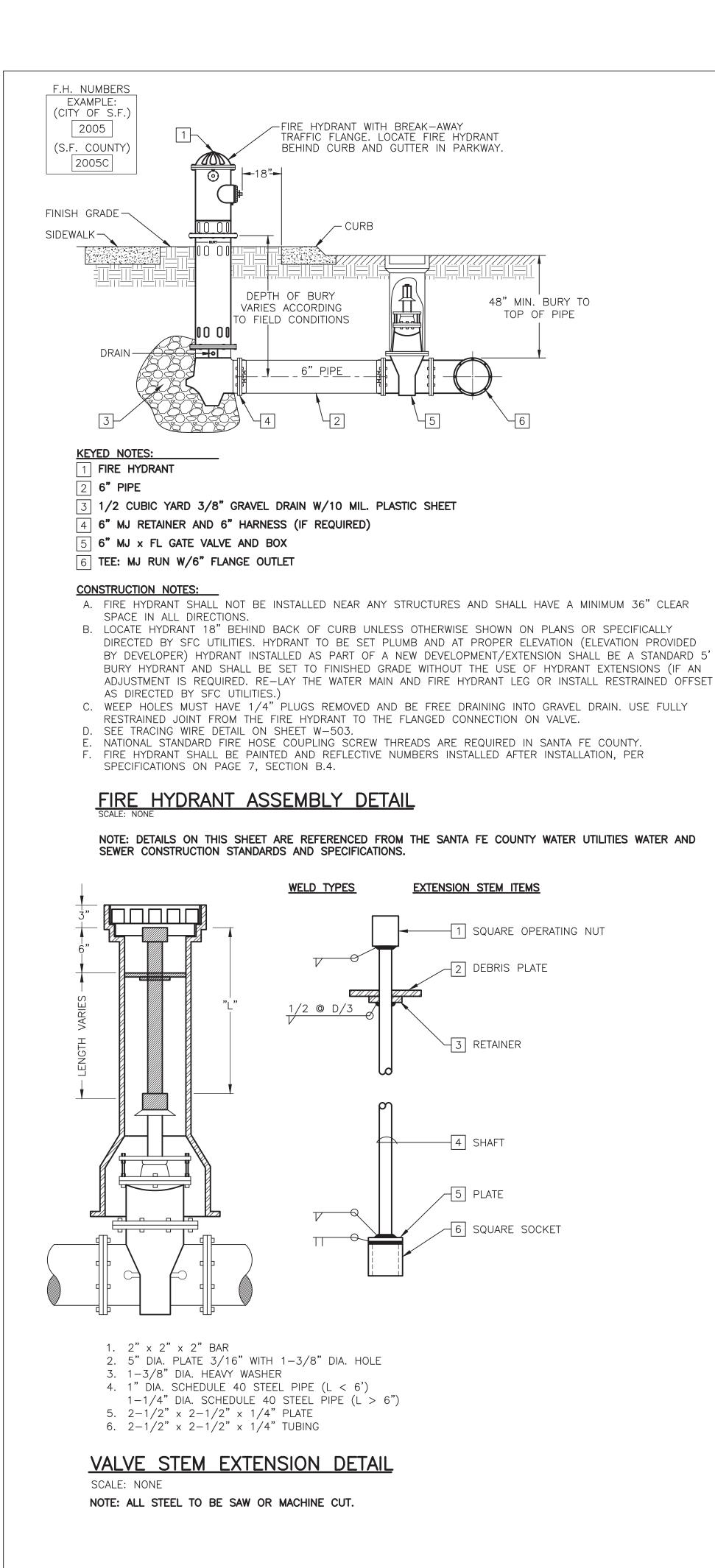
SANTA FE COUNTY

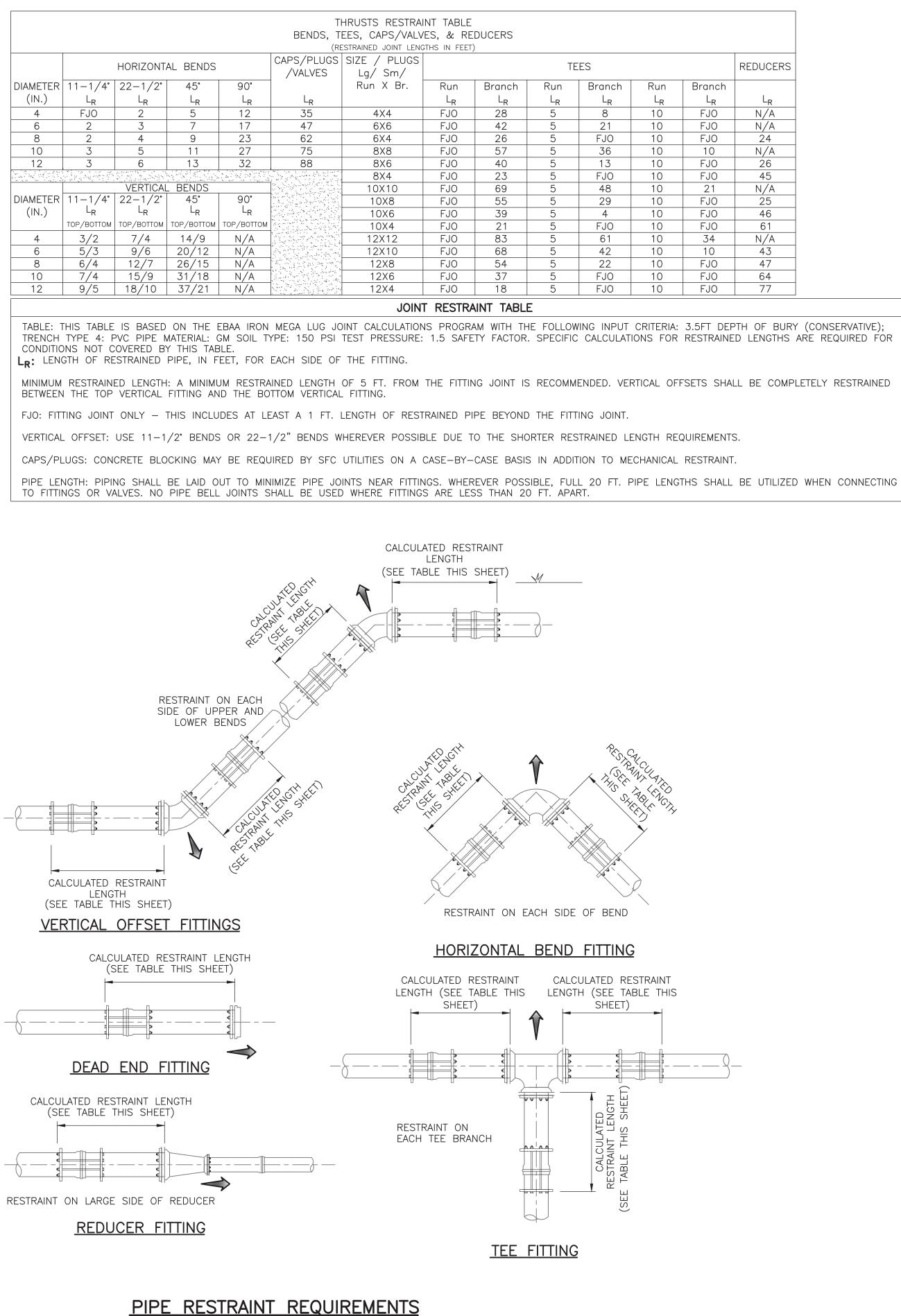
UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

PROJECT NAME: CANONCITO-ELDORADO WATERLINE

STANDARD WATERLINE DETAILS I

APPROVED BY:REVIEWED BY: S. MORROWDATE: FEBRUARY 2020SHEET :DRAWN BY: J. BEHRENDW-501





SCALE: NONE

REDUCERS

LR N/A N/A 24 N/A 26 45 N/A 25 46 61 N/A 43 47

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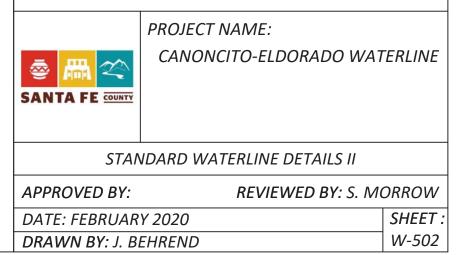
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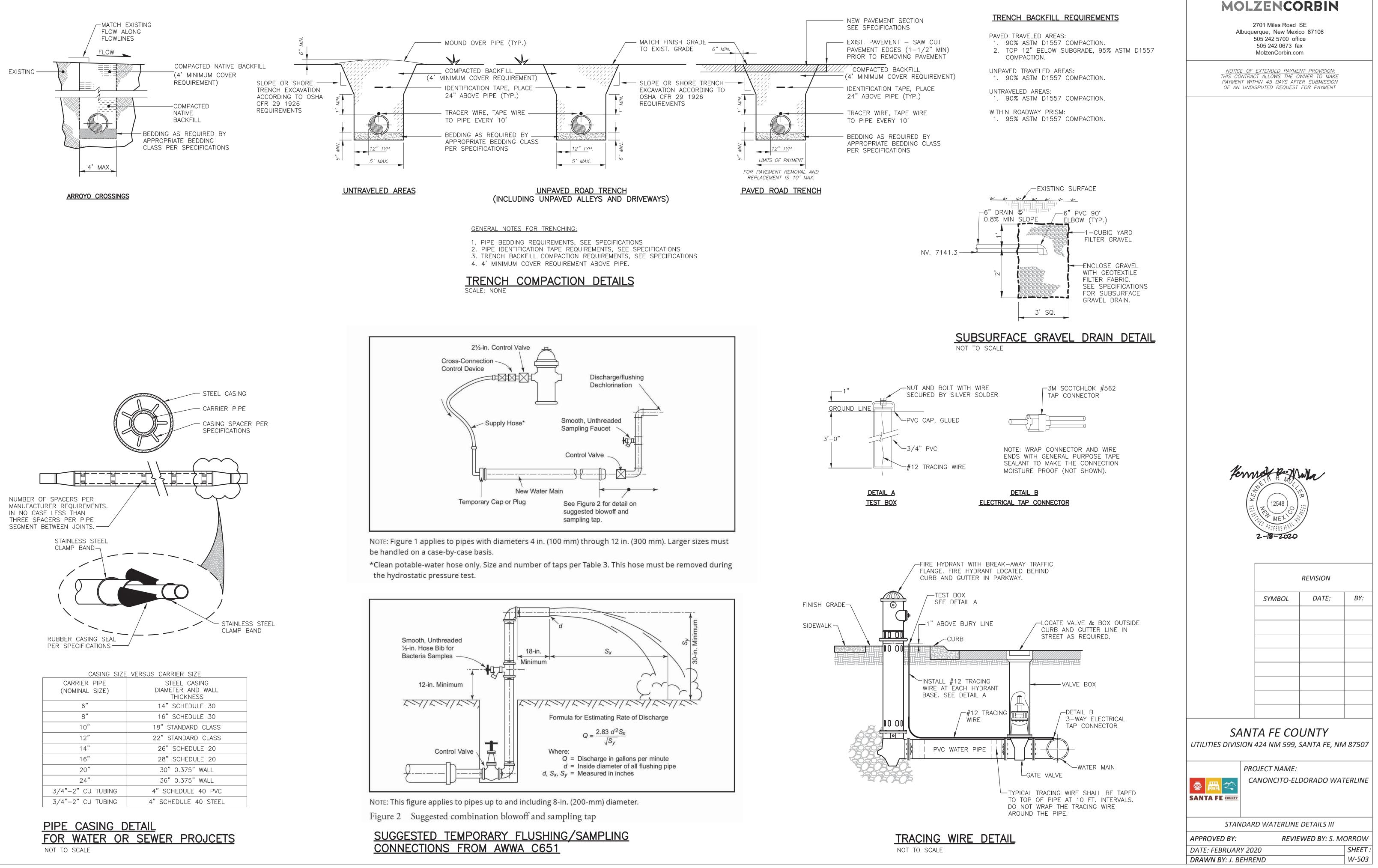


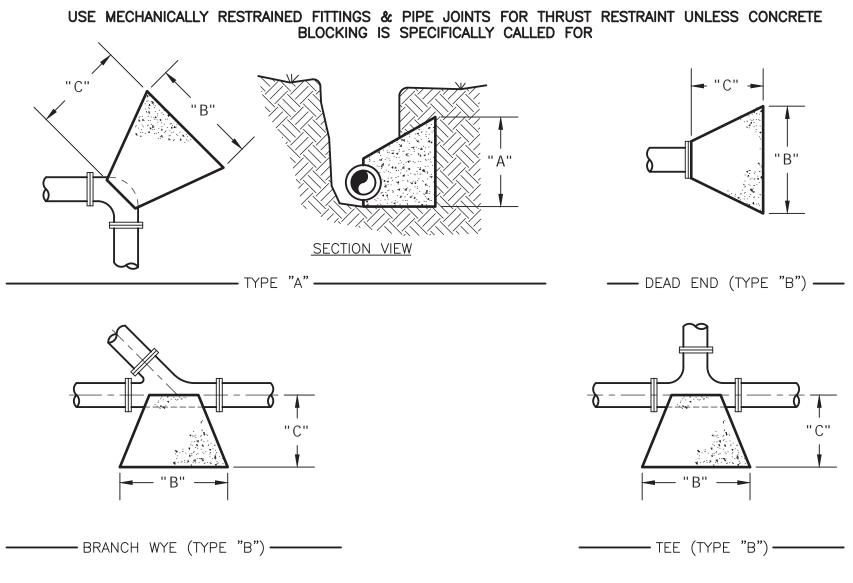
	REVISION	
SYMBOL	DATE:	BY:

SANTA FE COUNTY

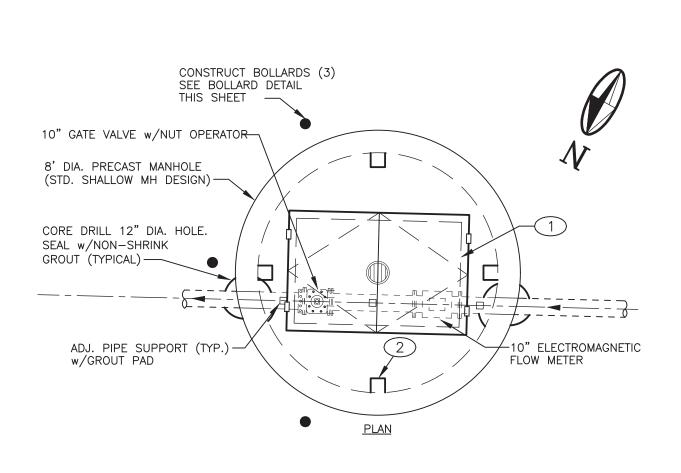
UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

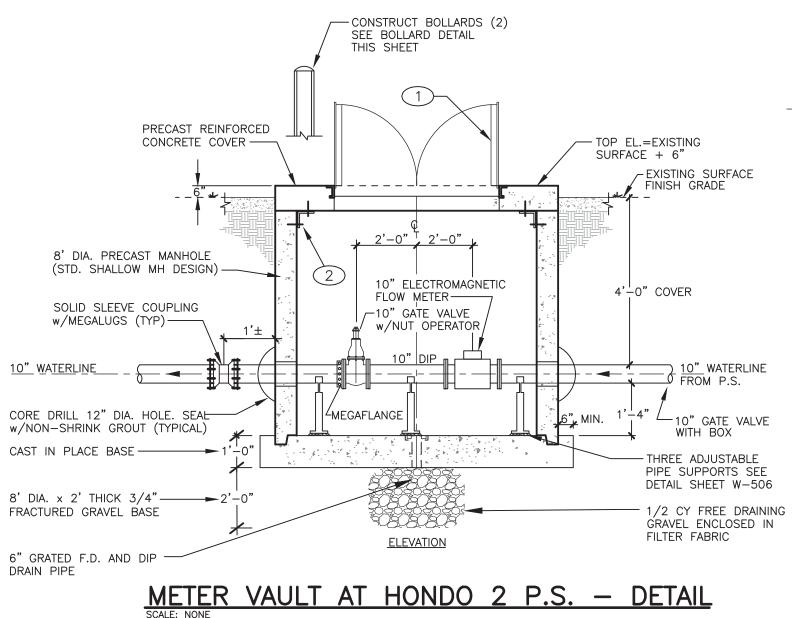






CONCRETE THRUST BLOCKING DETAIL NOT TO SCALE





KEYED NOTES

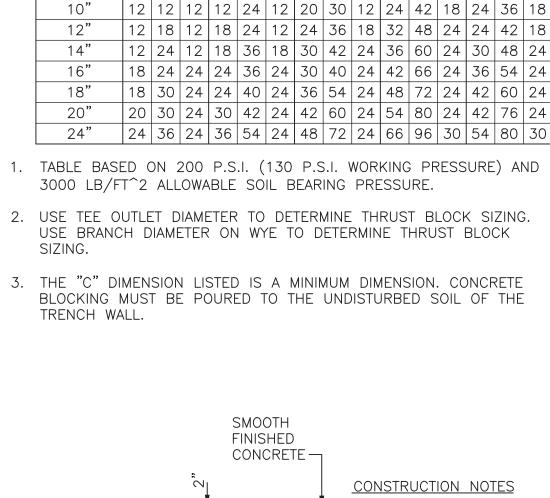
- (1) ALUMINUM HINGED HATCH. • 36" x 48" CLEAR OPENING
 - TWO LEAVES
 - 300 PSF LOAD RATING • FRAME EMBEDDED IN PRECAST CONCRETE COVER.
 - SS HOLD OPEN ARM WITH RELEASE HANDLE
 - SS SLAM LOCK WITH REMOVABLE KEY NEOPRENE GASKET.
 - BITUMINOUS COATING ON EMBEDDED SURFACES.
 - ALUMINUM FRAME AND REINFORCED 1/4" DIAMOND TREAD COVER PLATE.
 - RECESSED LIFT HANDLES.
 - SPRING ASSIST HINGES

2 S.S. ANCHOR PLATES WITH 1/4" S.S. CHEMICAL ADHESIVE ANCHOR BOLTS. FOUR (4) PLATES REQUIRED.

PIPE

DIAMETER

- 4″



THRUST BLOCK SIZING TABLE

TYPE "A" BENDS

| 12 | 12 | 12 | 12 | 12 | 18 | 12 | 18 | 24 | 12 | 12 | 24 | 12

|2 | 12 | 12 | 12 | 18 | 12 | 18 | 24 | 12 | 24 | 30 | 18 | 18 | 30 | 12

11-1/4° | 22-1/2° | 45° |

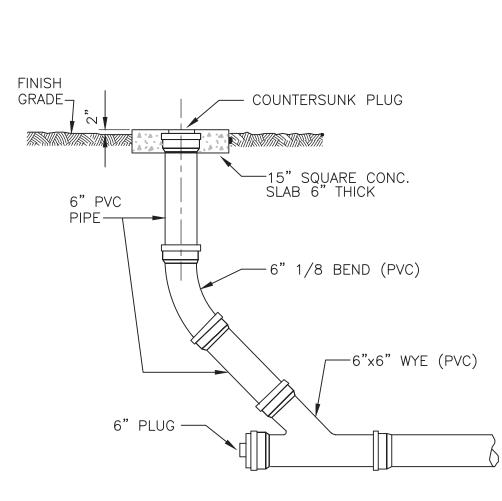
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TYPE "B

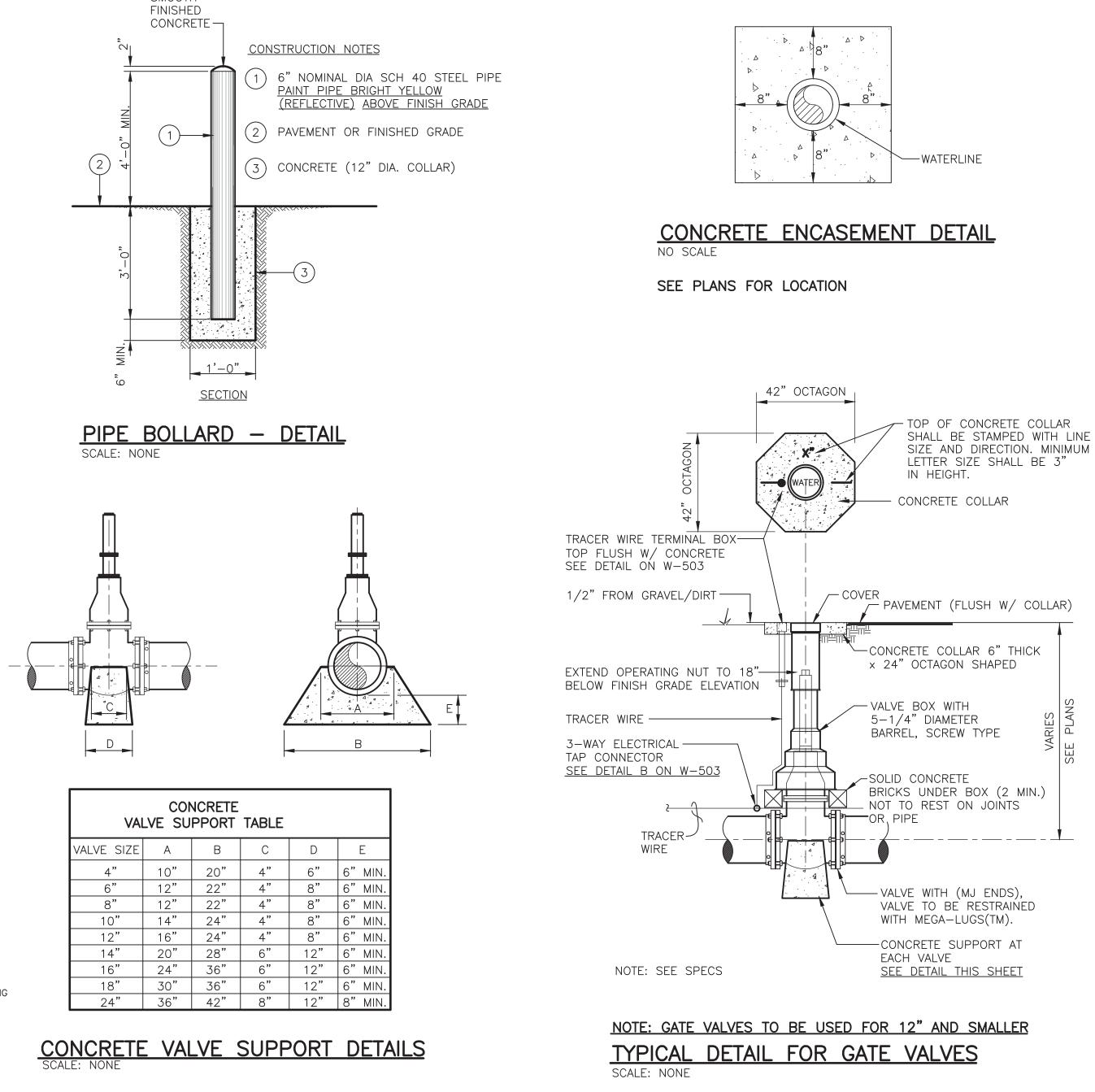
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FITTINGS



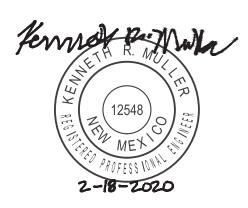
CLEANOUT TO GRADE N.T.S.

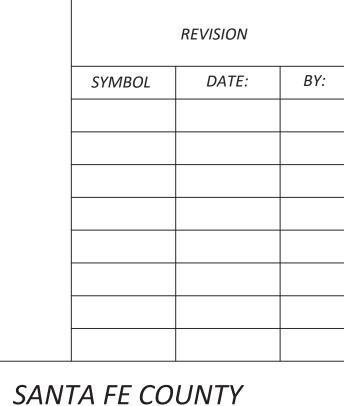


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UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

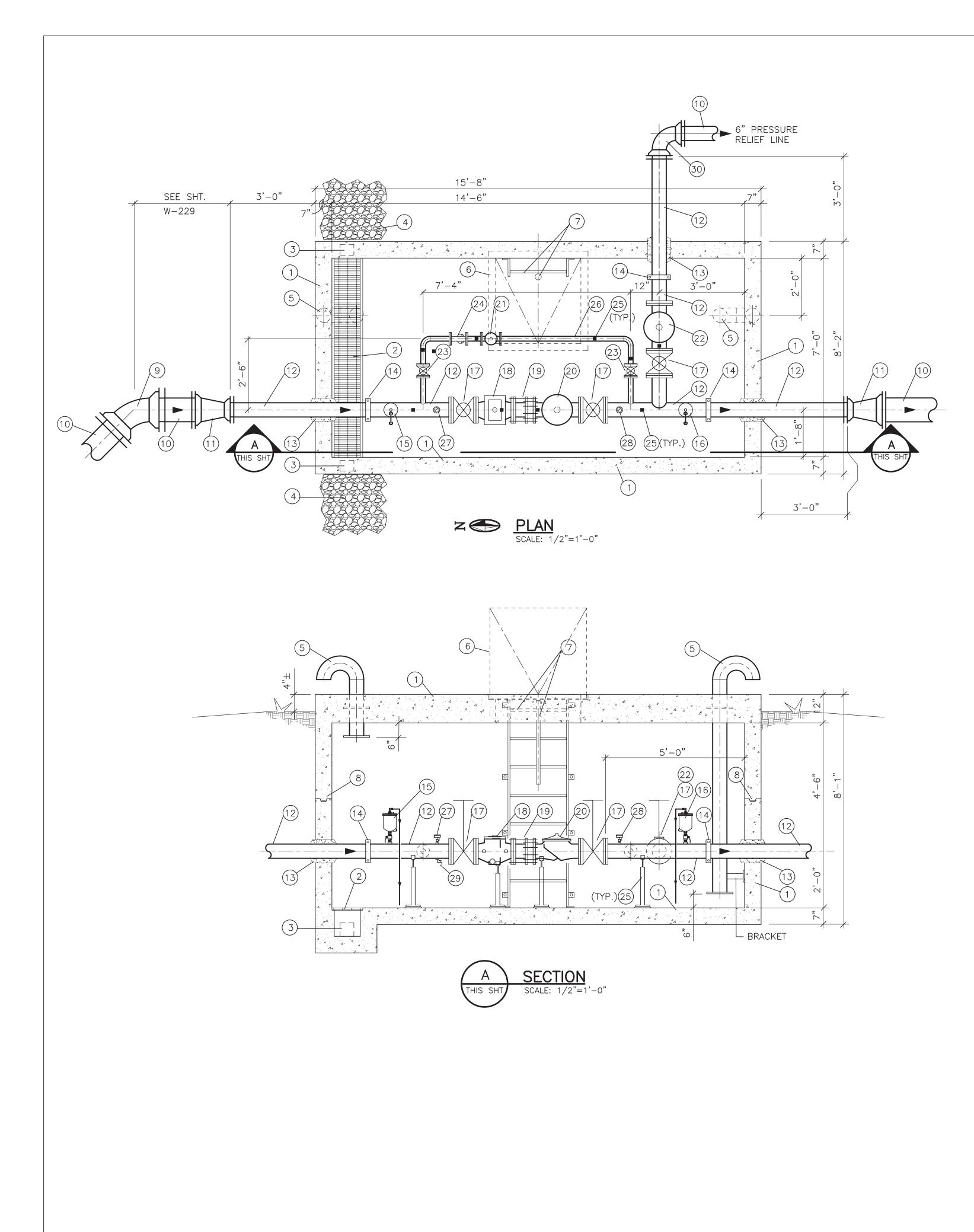


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CANONCITO-ELDORADO WATERLINE

STANDARD WATERLINE DETAILS IV

APPROVED BY:	REVIEWED BY: S. MORROW		
DATE: FEBRUARY 2020		SHEET :	
DRAWN BY: P. DE LA ROSA		W-504	



SFC 122-20

GENERAL NOTES:

1. REFER TO SHEET W-229 FOR LOCATION AND PIPING CONTINUATION.

KEYED NOTES: PRV STATION EQUIPMENT AND PIPING

- 1 PRECAST CONCRETE UTILITY VAULT, TWO PIECE, WHITE INTERIOR COATING, EXTERIOR DAMPPROOFING, RATED FOR 300 PSF LIVE LOAD.
- (2) DRAIN SUMP, 11"W X 12" D X 7'-0"L, WITH 1" DEEP ALUMINUM GRATING COVER.
- (3) KNOCKOUTS IN VAULT WALLS AT BOTH ENDS OF SUMP, TO BE OPENED PRIOR TO COMPLETION OF VAULT INSTALLATION.
- (4) 0.5 CUBIC YARD OF FREE DRAINING GRAVEL AT EACH KNOCKOUT. WRAP GRAVEL IN FILTER FABRIC.
- (5) 4" GALVANIZED STEEL VENT WITH 24 MESH STAINLESS STEEL SCREEN ATTACHED TO OUTSIDE GOOSENECK AND VALMATIC FROSTSAFE® TWO-WAY AIR DAMPER ON INSIDE OPENING.
- (6) HINGED ALUMINUM ACCESS COVER, 36" X 36" SINGLE LEAF, SPRING ASSIST HOLD-OPEN ARM, AND SLAM LOCK HANDLE WITH PADLOCK HASP, RATED FOR 300 PSF LIVE LOAD.
- 7 ALUMINUM LADDER, 24" WIDE, 12" RUNG SPACING, KNURLED RUNGS, WITH TELESCOPING SAFETY POST, BRACKETS, FOR WALL AND FLOOR MOUNTING.
- (8) PRECAST KEYWAY INSTALLED WITH PREFORMED MASTIC SEALANT. GROUT SEAL INTERIOR AND EXTERIOR OF JOINTS PRIOR TO BACKFILLING.
- (9) 10" DIP 45 DEGREE BEND, MJ, RESTRAINED.
- (10) 10" PVC WATERLINE.
- (11) 10" X 6" DIP REDUCER, MJ, RESTRAINED.
- (12) FABRICATED WELDED STEEL PIPING, AWWA C200, SCHEDULE 40, WITH FUSION BONDED NSF/ANSI 61 CERTIFIED EPOXY COATING PER AWWA C213.
- (13) NON-SHRINK GROUT.
- (14) GROOVED AND SHOULDERED JOINT, FLEX STYLE.
- (15) 2" COMBINATION AIR VALVE WITH STAINLESS STEEL BALL ISOLATION VALVE AND 2" PVC DRAIN PIPE TO FLOOR, THREAD-O-LET PIPE TAP.
- (16) 2" vacuum relief valve with stainless steel ball isolation valve and 2" pvc drain pipe to floor, thread-o-let pipe tap.
- (17) 6" GATE VALVE, FL, NRS, WITH HANDWHEEL.
- (18) 6" H STYLE STRAINER, CLA-VAL MODEL X43H, WITH FUSION BONDED NSF/ANSI 61 CERTIFIED EPOXY COATING, OR ENGINEER REVIEWED EQUIVALENT.
- (19) 6" DISMANTLING JOINT, CLASS D FLANGE, FUSION BONDED NSF/ANSI 61 CERTIFIED
- (20) 6" PRESSURE REDUCING VALVE WITH PRESSURE SUSTAINING FEATURE, FL.
- (21) 2" LOW FLOW PRESSURE REDUCING VALVE WITH PRESSURE SUSTAINING FEATURE, FL.
- (22) 6" pressure relief valve, fl.

EPOXY COATING.

- (23) 2" GATE VALVE, CAST IRON, FL, NRS, WITH HANDWHEEL, FUSION BONDED NSF/ANSI 61 CERTIFIED EPOXY COATING.
- (24) 2" wye strainer, cast iron, fl, fusion bonded NSF/ANSI 61 Certified epoxy coating.
- (25) ADJUSTABLE GALVANIZED PIPE SUPPORT WITH 1/2" GROUT PAD.
- (26) 2" TYPE 304 WELDED STAINLESS STEEL PIPE SCHEDULE 10.
- (27) 4" pressure gauge assembly, 0–200 psi, back mount installed with dial facing up, THREAD-O-LET PIPE TAP.
- (28) 4" PRESSURE GAUGE ASSEMBLY, 0-60 PSI, BACK MOUNT INSTALLED WITH DIAL FACING UP, THREAD-O-LET PIPE TAP.
- (29) 3/4" SAMPLING BIBB, SMOOTH SPIGOT FOR COLLECTING BACTERIOLOGICAL SAMPLES, THREAD-O-LET PIPE TAP.
- (30) 6" DIP 90 DEGREE BEND, MJ, RESTRAINED.



MOLZENCORBIN

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REVISION SYMBOL DATE: BY:

SANTA FE COUNTY

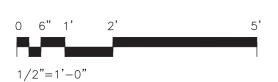
UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

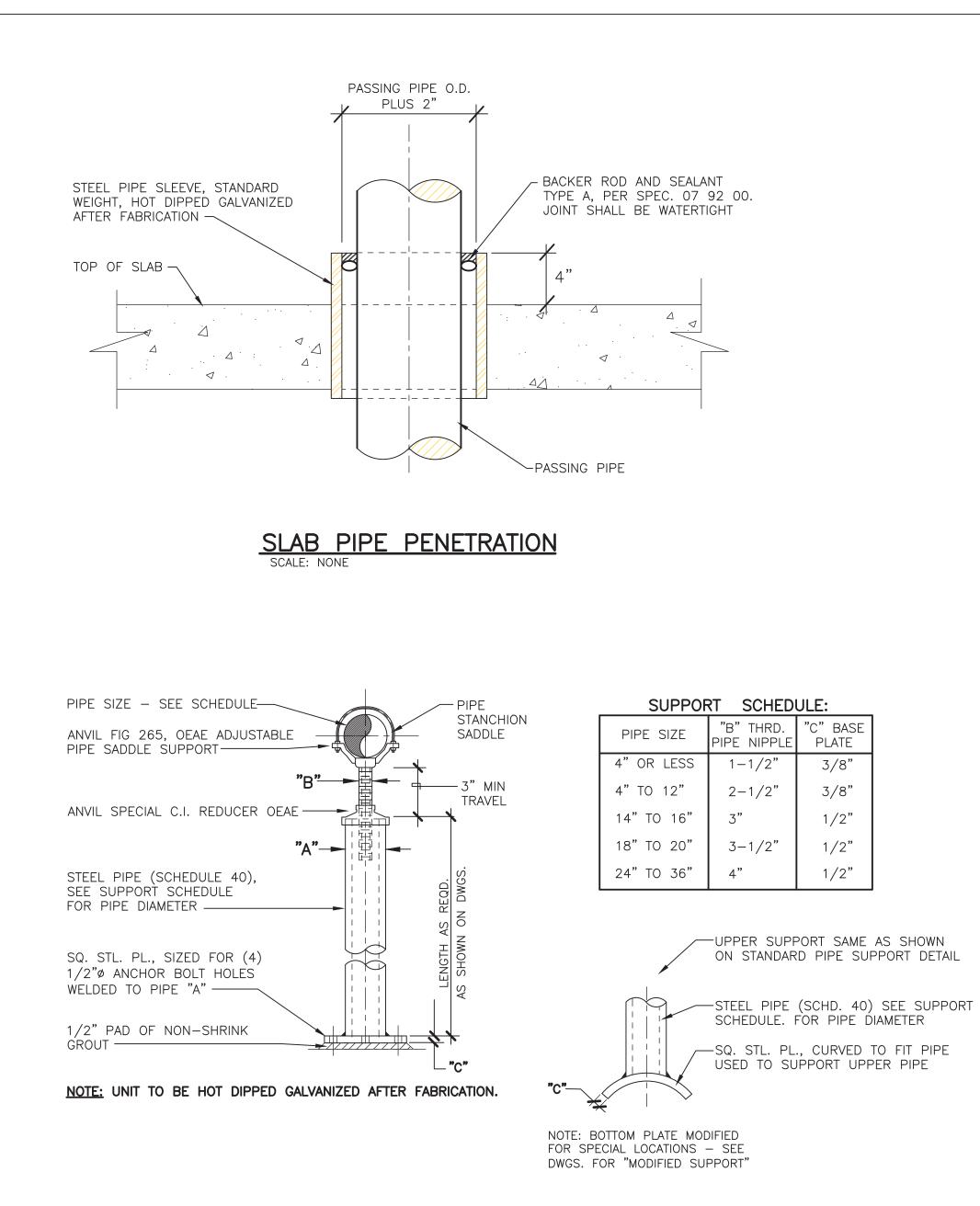


CANONCITO-ELDORADO WATERLINE

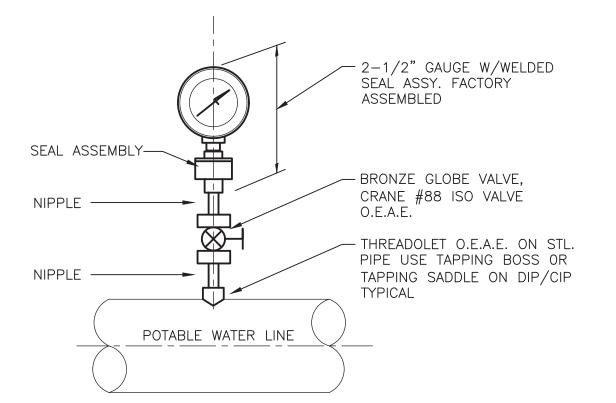
PVR STATION DETAILS

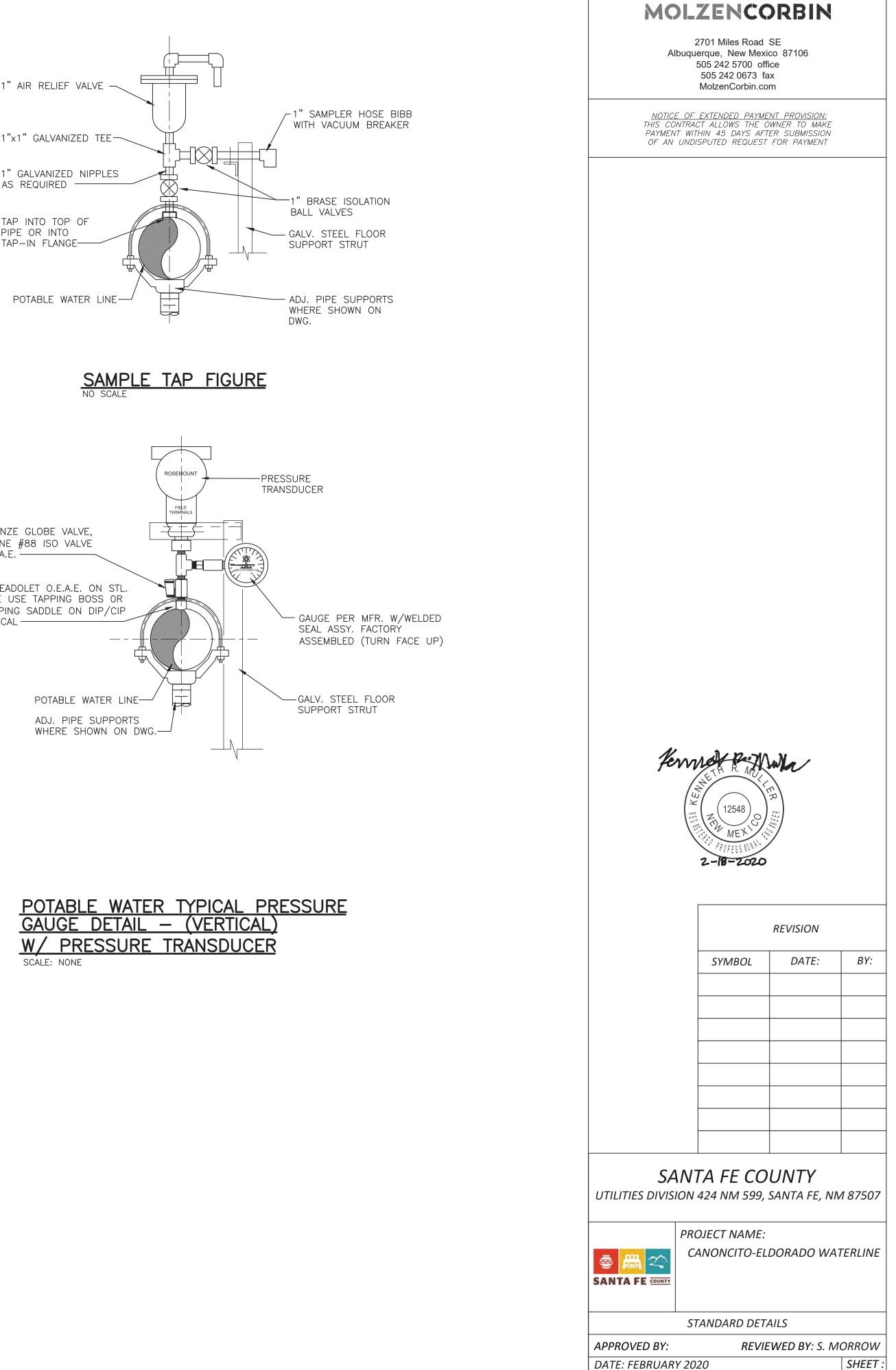
APPROVED BY: **REVIEWED BY: S. MORROW** DATE: FEBRUARY 2020 SHEET DRAWN BY: C. J. SPINELLO W-505





ADJUSTABLE STANDARD PIPE SUPPORT DETAIL

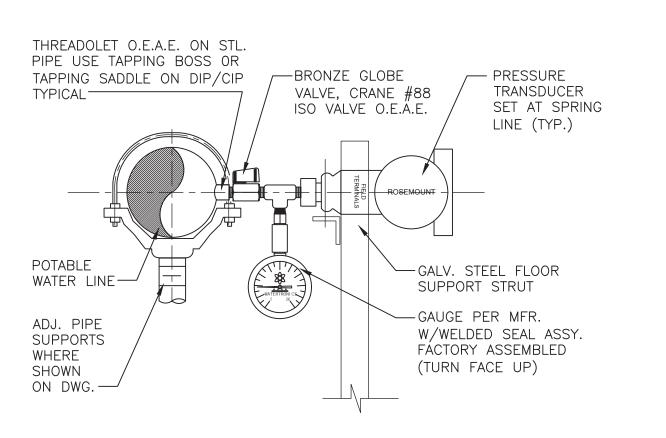


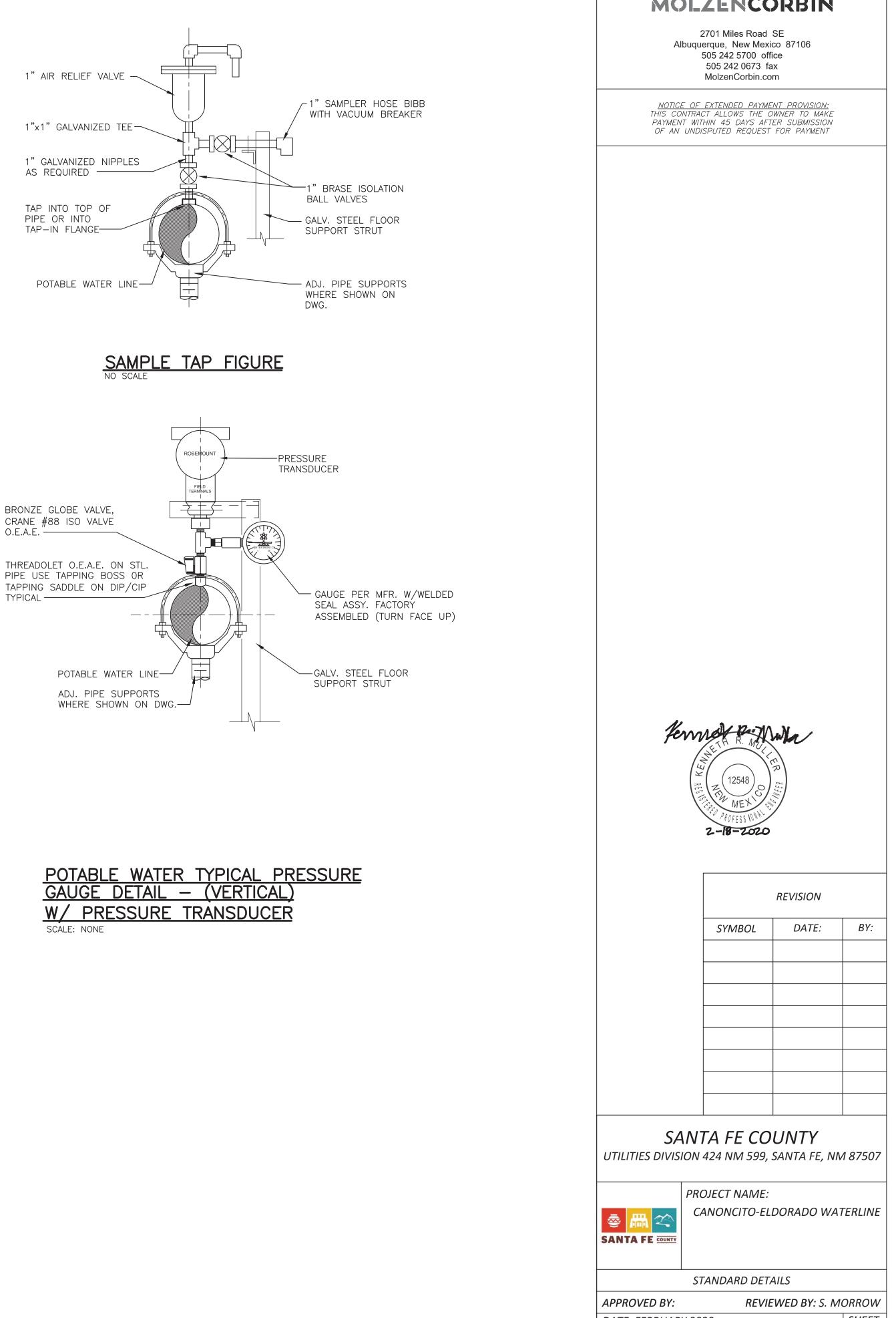


W-506

DRAWN BY: C. SPINELLO

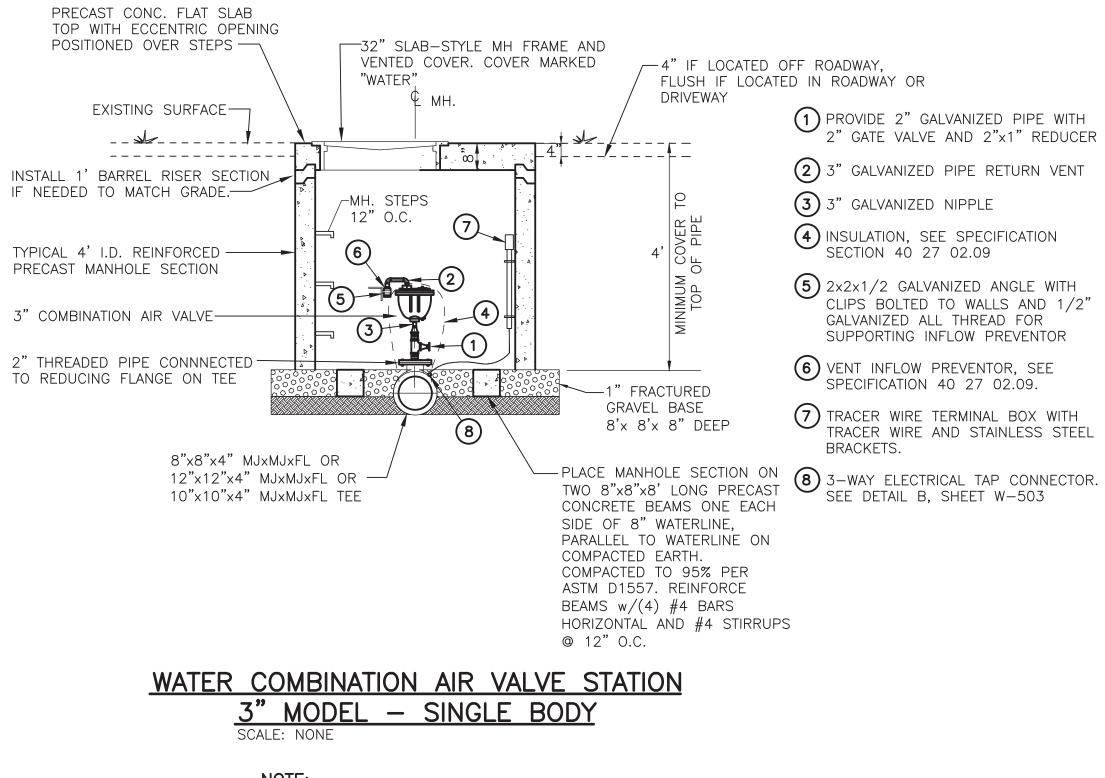






				<u>PICAL</u>		
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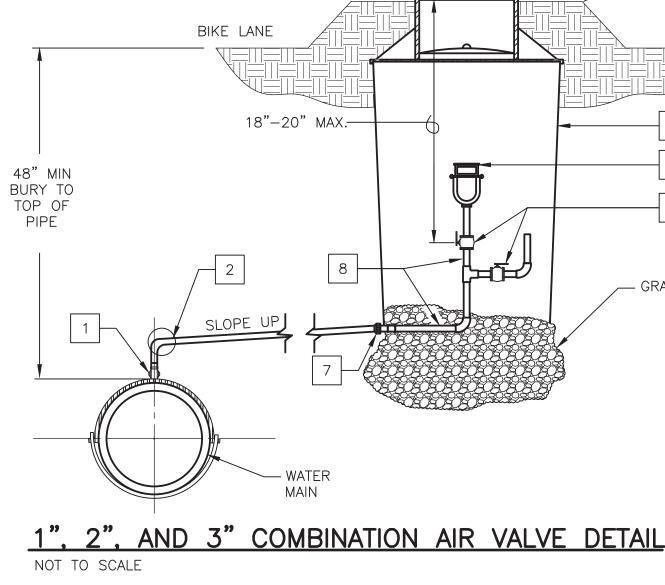
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<u>NOTE:</u> SEE SPECS.

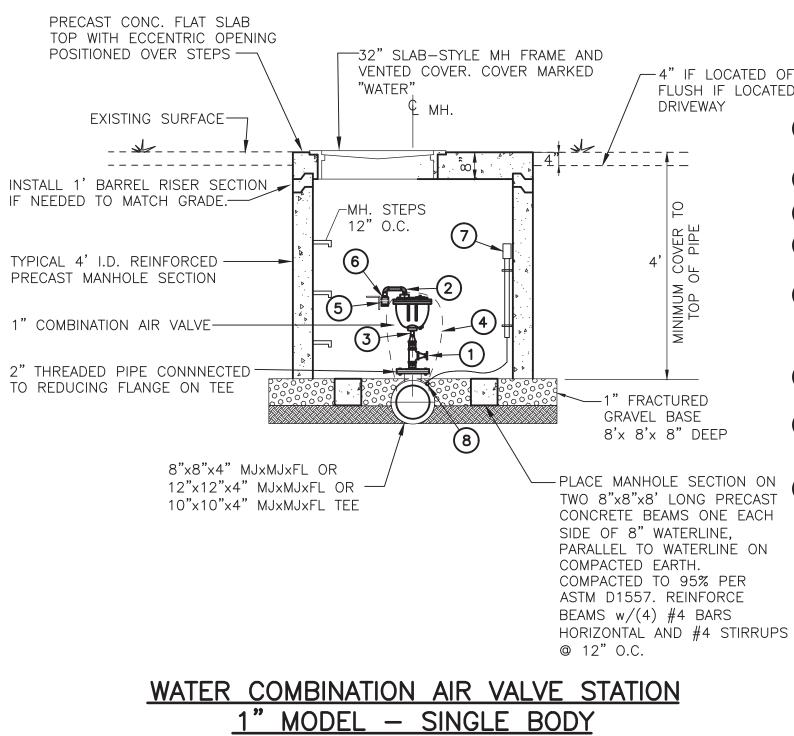
1", 2", AND 3" COME	311
<u>ITEM</u>	
 1", 2", OR 3" TAPPING SADDLE 1", 2", OR 3" CORPORATION COCK (A.W.W.A TAPPEREE 1", 2", OR 3" TYPE "K" COPPER 1", 0", OR 3" DEACE DATE VALUE)
3. 1", 2", OR 3" BRASS BALL VALVE4. 1", 2", OR 3" NPT COMBINATION AIR VALVE & PRESS	
CRESPIN C10 OR C20 WITH PROTECT-TOP	
5. 36"x36" – 20# POLYETHYLENE METER BOX	

NOTE: SEE APPROVED CONSTRUCTION PLANS FOR SERVICE LOCATION DETAIL FOR PLACEMENT DIMENSIONS AND DIRECTIONS.



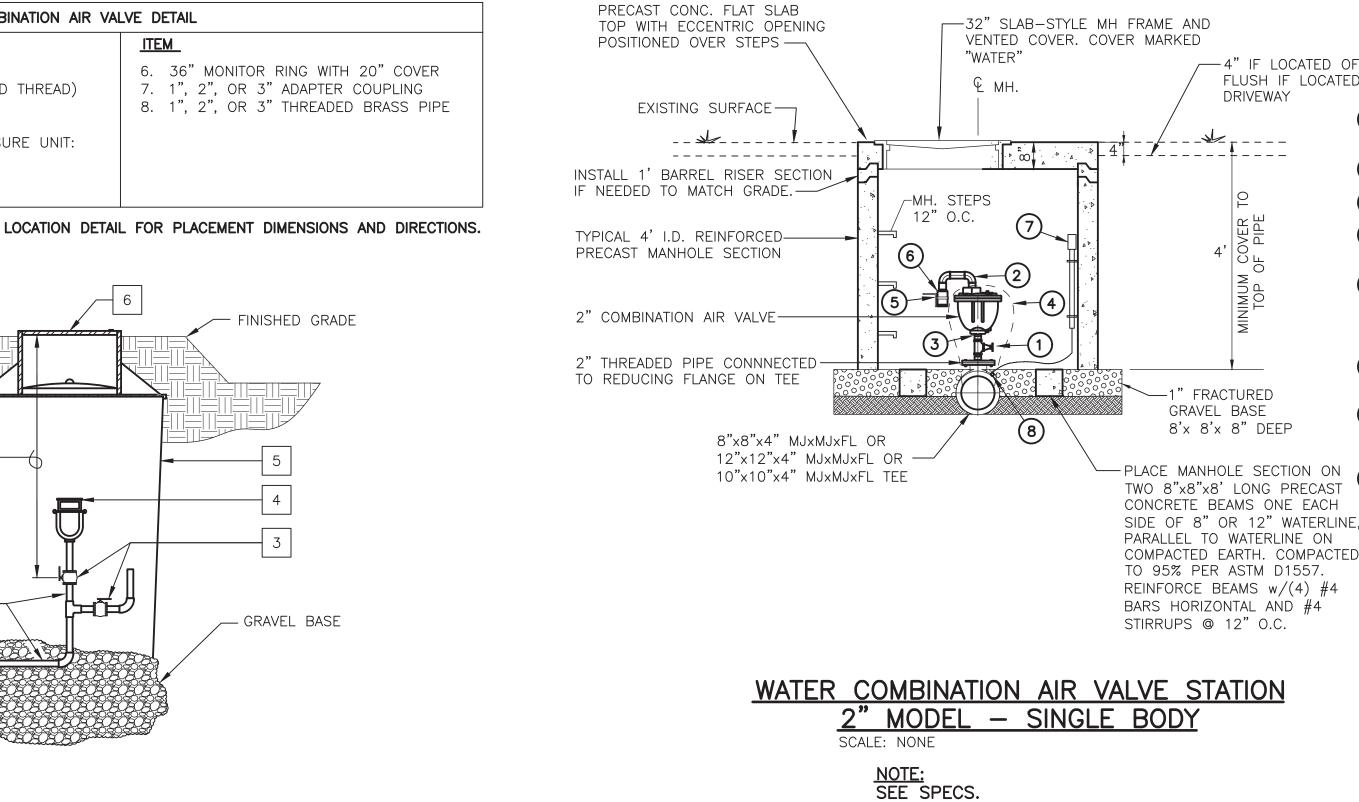


- 1 PROVIDE 2" GALVANIZED PIPE WITH 2" GATE VALVE AND 2"x1" REDUCER
- (2) 3" GALVANIZED PIPE RETURN VENT
- (3) 3" GALVANIZED NIPPLE
- (4) INSULATION, SEE SPECIFICATION SECTION 40 27 02.09
- (5) 2x2x1/2 GALVANIZED ANGLE WITH CLIPS BOLTED TO WALLS AND 1/2" GALVANIZED ALL THREAD FOR SUPPORTING INFLOW PREVENTOR
- 6 VENT INFLOW PREVENTOR, SEE SPECIFICATION 40 27 02.09.
- TRACER WIRE TERMINAL BOX WITH TRACER WIRE AND STAINLESS STEEL BRACKETS.





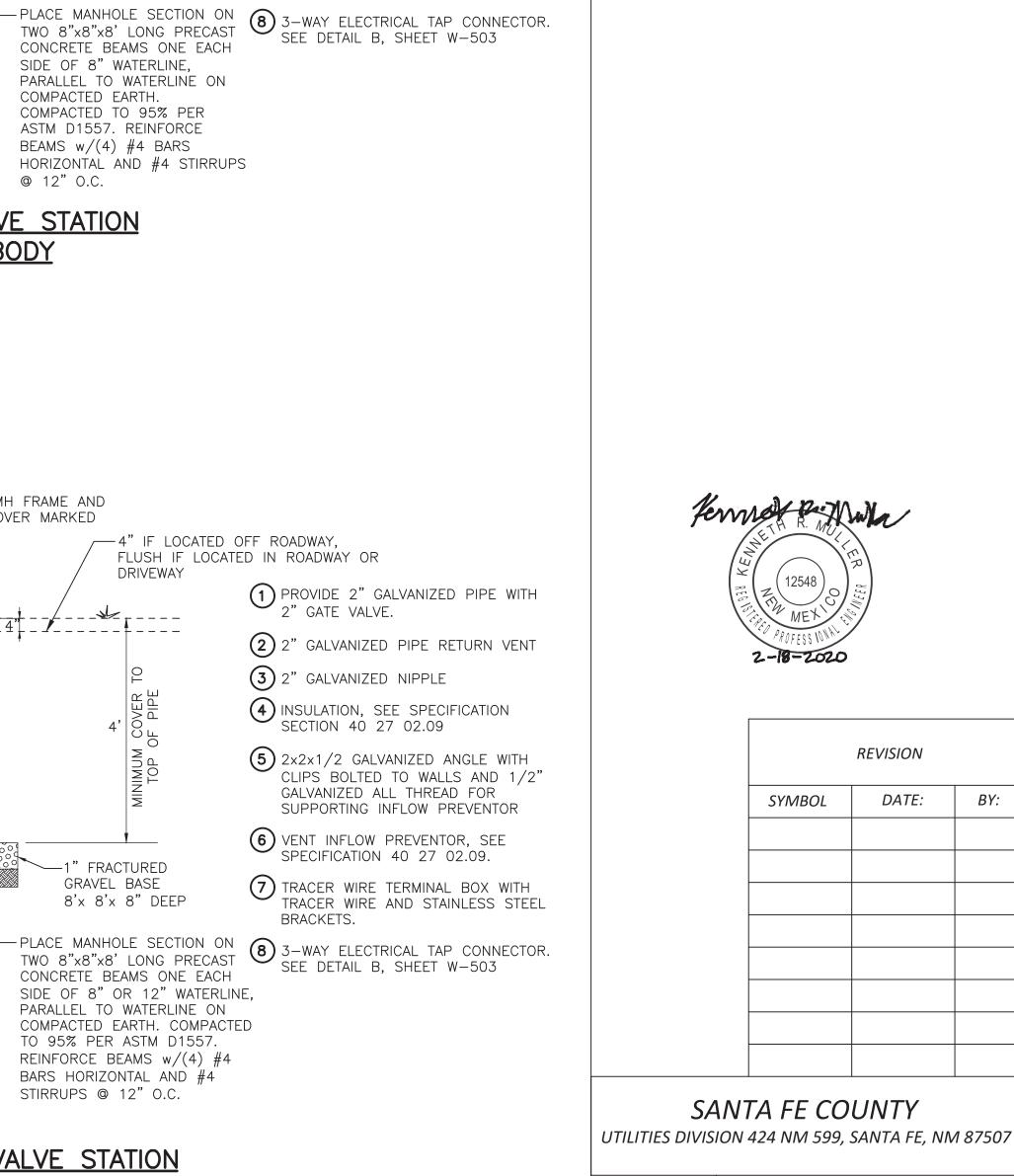
SCALE: NONE



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NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT



PROJECT NAME: CANONCITO-ELDORADO WATERLINE

REVISION

DATE:

BY:

COMBINATION AIR VALVE DETAILS

.

SANTA FE COUNTY

REVIEWED BY: S. MORROW APPROVED BY: DATE: FEBRUARY 2020 SHEET . W-507 DRAWN BY: J. MARTINEZ

-4" IF LOCATED OFF ROADWAY, FLUSH IF LOCATED IN ROADWAY OR

1 PROVIDE 2" GALVANIZED PIPE WITH

(2) 1" GALVANIZED PIPE RETURN VENT

(4) INSULATION, SEE SPECIFICATION

5 2x2x1/2 GALVANIZED ANGLE WITH

GALVANIZED ALL THREAD FOR

SPECIFICATION 40 27 02.09.

TRACER WIRE TERMINAL BOX WITH

TRACER WIRE AND STAINLESS STEEL

6 VENT INFLOW PREVENTOR, SEE

BRACKETS.

SUPPORTING INFLOW PREVENTOR

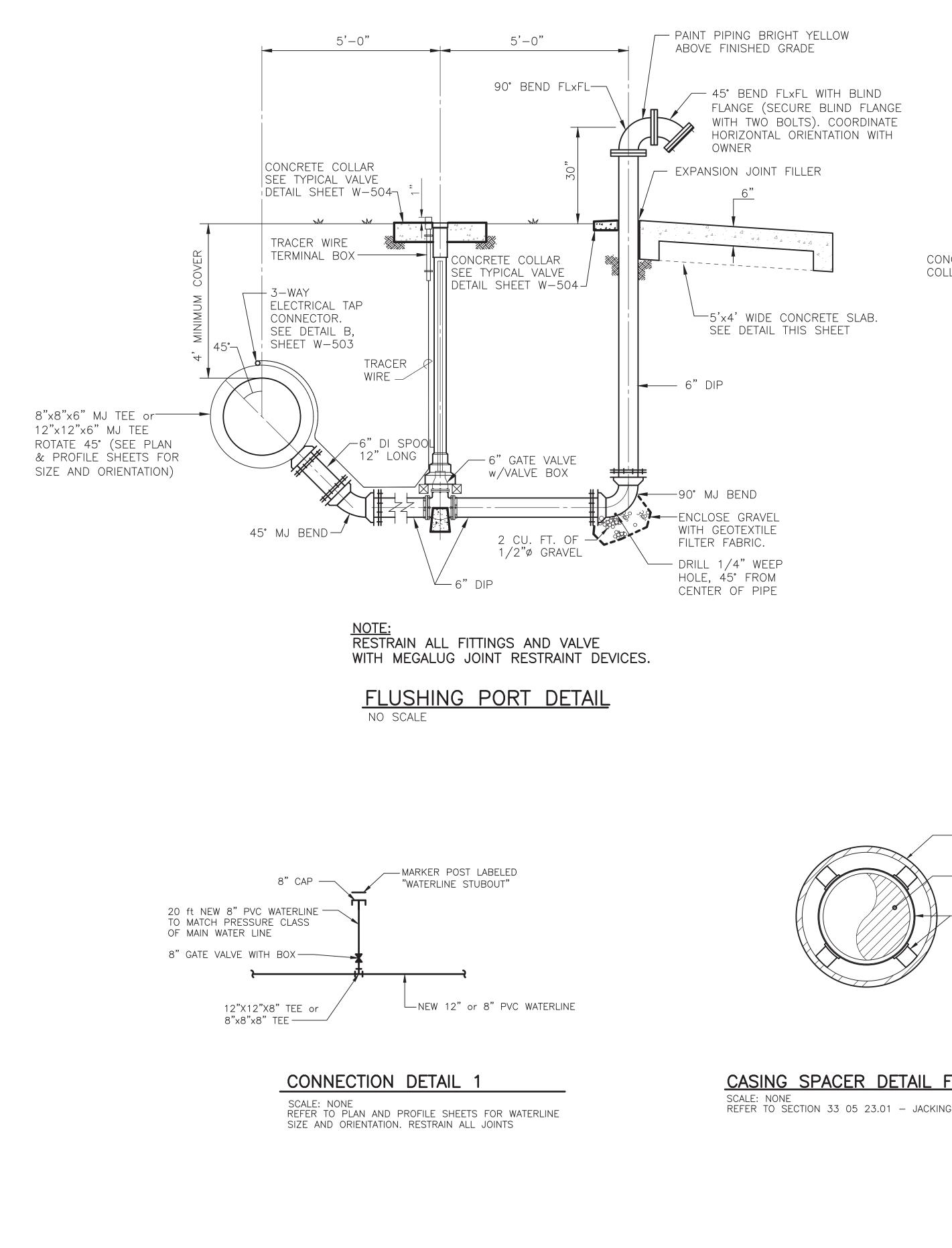
CLIPS BOLTED TO WALLS AND 1/2"

SECTION 40 27 02.09

(3) 1" GALVANIZED NIPPLE

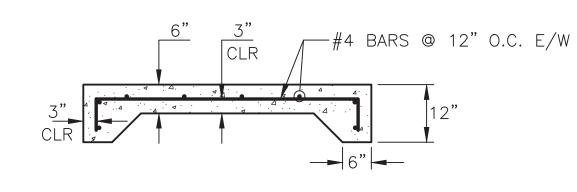
2" GATE VALVE AND 2"x1" REDUCER

,	IF	LC	C.	ATE	D	OF	FF	R	0	AD	WA	Υ,			
L	ISH	I IF	-	LO	CA	TED)	IN	F	RO	٩D	WA	٩Υ	0	-



5'-0" CONCRETE COLLAR — \bigcirc L_____

<u>PLAN</u>



SECTION

CONCRETE SLAB NO SCALE

-DUCTILE IRON CARRIER PIPE WITH INTEGRAL JOINT RESTRAINT

CASING SPACERS w/STAINLESS STEEL STRAPS CENTERED POSITIONING AS SHOWN CASING SPACING PER SECTION 33 05 23.01 (CASCADE; O.A.E.)

CASING SPACER DETAIL FOR DUCTILE IRON CARRIER PIPE

REFER TO SECTION 33 05 23.01 - JACKING AND BORING FOR REQUIREMENTS

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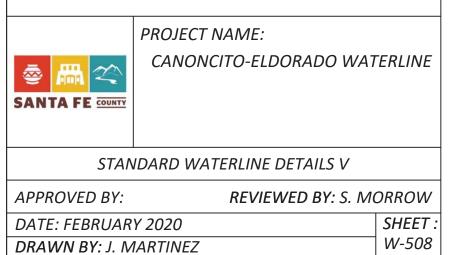
<u>NOTICE OF EXTENDED PAYMENT PROVISION:</u> THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT

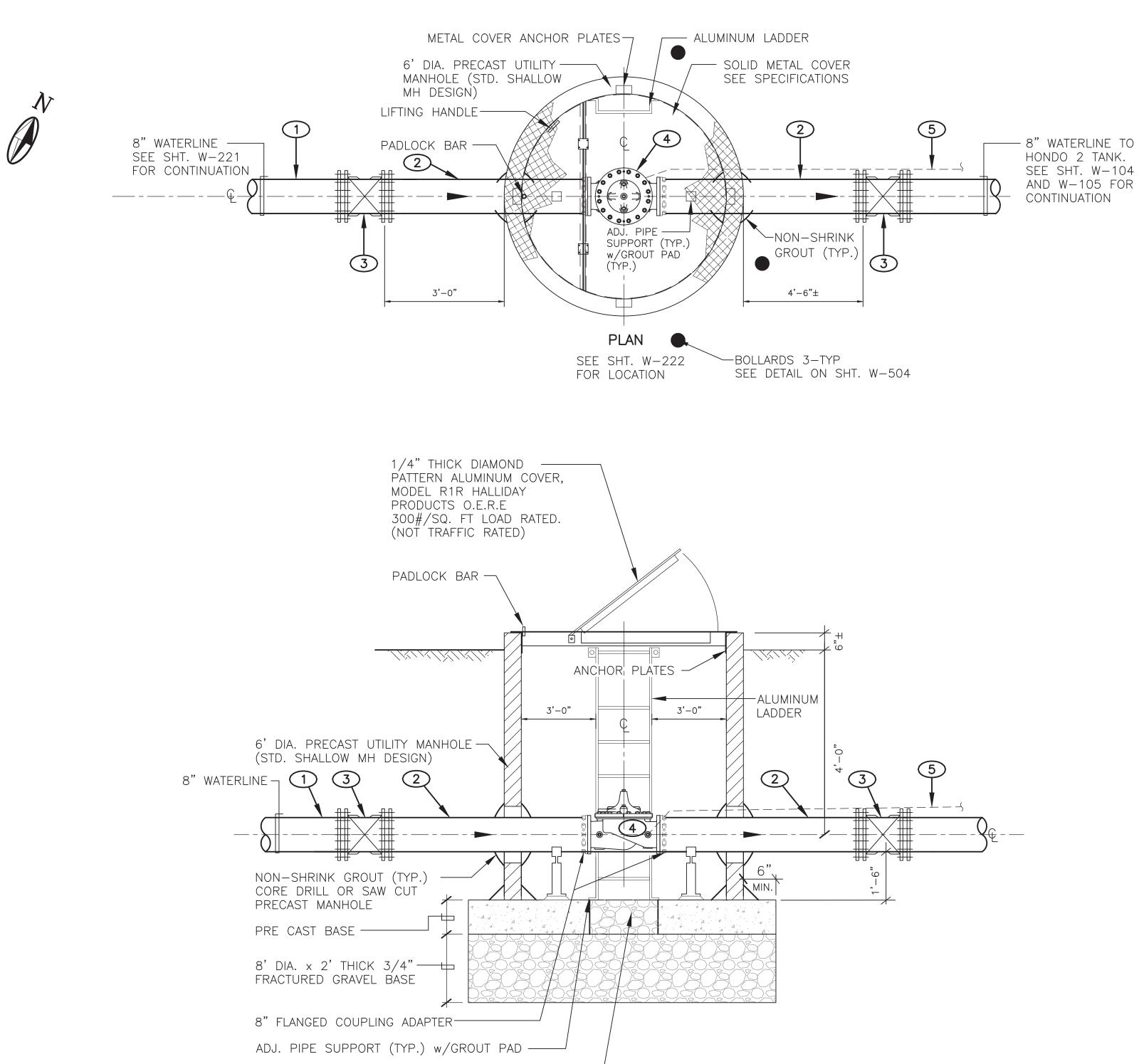


	REVISION	
SYMBOL	DATE:	BY:

SANTA FE COUNTY

UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507





GENERAL NOTES

1. RESTRAIN ALL BURIED PIPES.

2' SQUARE OPENING IN FLOOR FILL WITH GRAVEL ------

ELEVATION

ALTITUDE VALVE VAULT AT HONDO 2 TANK – DETAIL SCALE: NONE

KEYED NOTES

- (1)8" PVC WATERLINE.
- 2 8" DIP SPOOL, PExPE.
- 3 8" GATE VALVE, MJ, RESTRAINED.
- 4 8" ALTITUDE CONTROL VALVE.
- 5 1" COPPER PILOT SENSOR TUBE FROM TANK, SEE SHT. W-104 KEYED NOTE 28

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> REVISION DATE: SYMBOL BY:

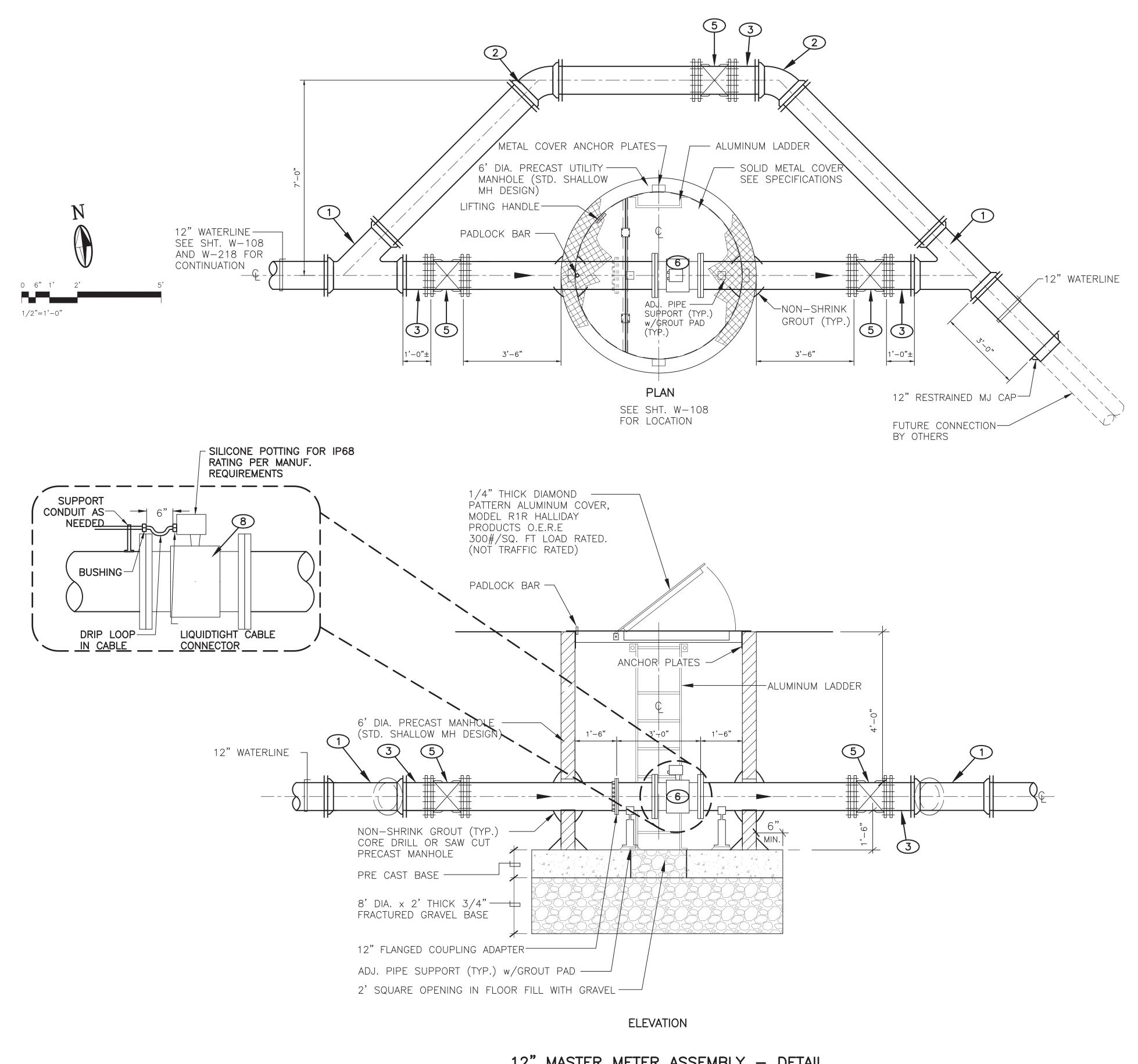
UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

PROJECT NAME: CANONCITO-ELDORADO WATERLINE ā 📇 🗠 SANTA FE COUNTY ALTITUDE VALVE VAULT DETAIL **REVIEWED BY: S. MORROW** APPROVED BY: SHEET : DATE: FEBRUARY 2020

Kenner Pithula 2-18-2020

SANTA FE COUNTY

W-509 DRAWN BY: P. DE LA ROSA



(GE	NERAL N	<u>IOTE</u>	<u>S</u>	
1	•	RESTRAIN	ALL	BURIED	F

12" MASTER METER ASSEMBLY – DETAIL SCALE: 1/2"=1'-0"

KEYED NOTES 12" MJ WYE (1)2 12"-45° MJ BEND 3 12" SPOOL PExPE 4 NOT USED 5 12" GATE VALVE (MJ ENDS) WITH VALVE BOX

6 PANEL-MOUNTED TRANSMITTER. SEE ELEC. DRAWINGS.

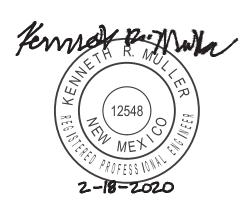
PIPES.

12" MAG. METER, FL, WITH ABOVE-GROUND

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NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT



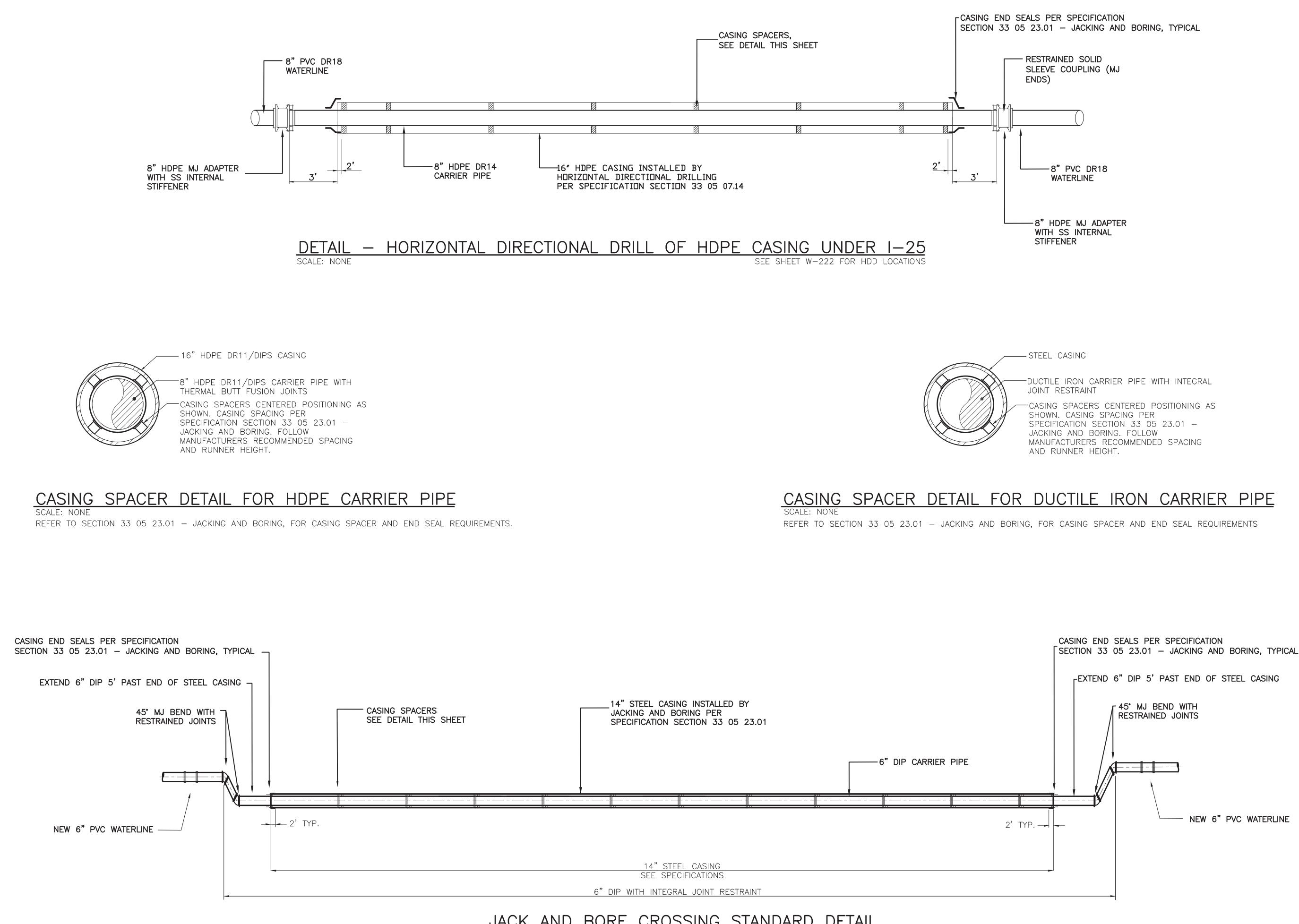
REVISION DATE: SYMBOL BY:

SANTA FE COUNTY

UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

PROJECT NAME: CANONCITO-ELDORADO WATERLINE 총 🛲 🕰 SANTA FE COUNTY MASTER METER VAULT DETAIL **REVIEWED BY: S. MORROW**

APPROVED BY: DATE: FEBRUARY 2020 SHEET : W-510 DRAWN BY: P. DE LA ROSA



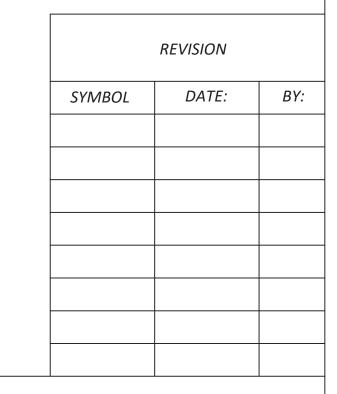
JACK AND BORE CROSSING STANDARD DETAIL

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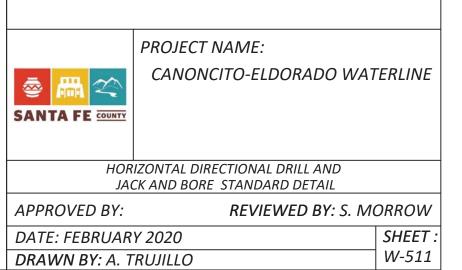
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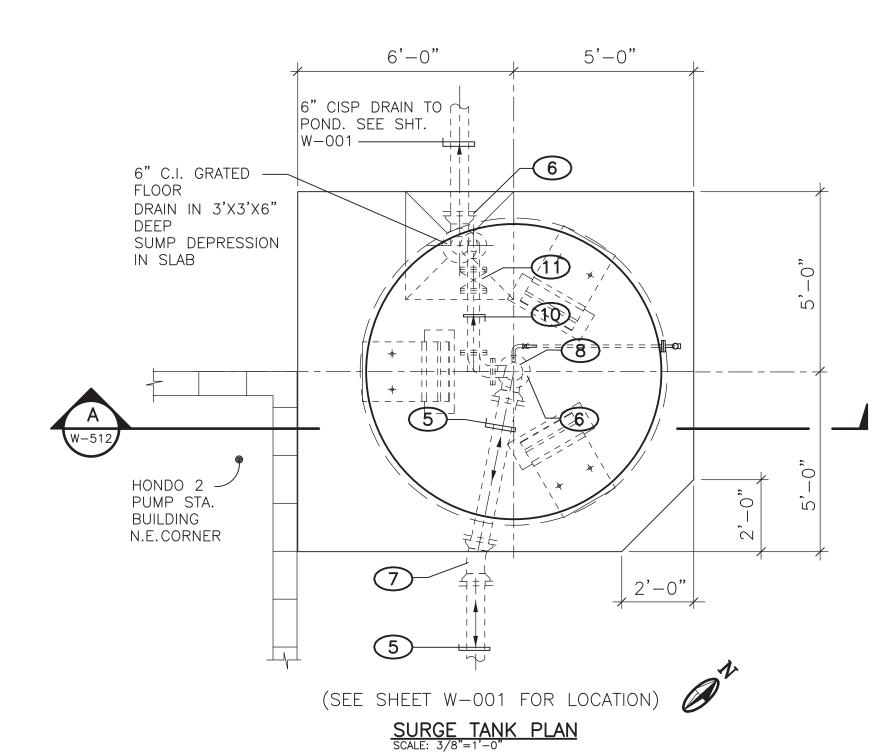
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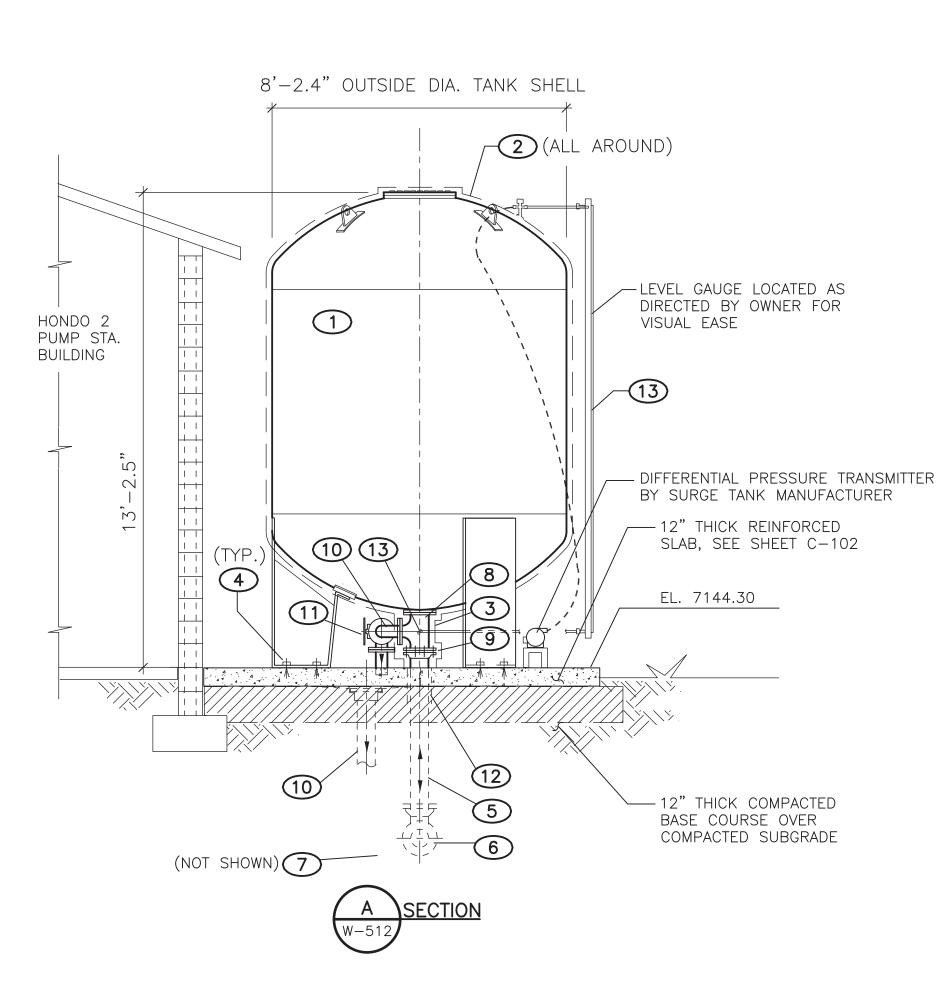




SANTA FE COUNTY UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507













KEYED NOTES:

- 1) BLADDER-STYLE SURGE TANK, 3434 GALLONS.
- 2) TANK HEAT TRACING BLANKETS WITH 2" OF INSULATION AND ALUMINUM JACKET.
- 3 PIPE HEAT TRACING, 2" INSULATION AND ALUMINUM JACKET.
- 4 S.S. ANCHOR BOLTS AS RECOMMENDED BY SURGE TANK MANUFACTURER.
- 5 6" DIP
- 6 90° 6" DIP BEND, MJ, RESTRAINED.
- 7 11.25° 6" DIP BEND, MJ, RESTRAINED.
- 8 6" STEEL TEE WITH 4" DRAIN BRANCH AND LEVEL GAUGE TAP, FL, ANSI CLASS 150 LB.
- 9 6" FLANGED COUPLING ADAPTER.
- 10 4" DIP FLANGED DRAIN WITH 90° BENDS AT OUTLET AND
- 11 4" FLANGED GATE VALVE WITH HANDWHEEL OPERATOR.
- (12) PIPE SLAB PENETRATION, SEE DETAIL SHEET W-506.
- (13) LEVEL GAUGE ASSEMBLY AND DIFFERENTIAL PRESSURE TRANSMITTER, INCLUDING PIPING, TUBING, HEAT TRACE AND BLANKETS, INSULATION, JACKETS, SOLENOID VALVES, CONTROLS AND CONTROL PANEL BY SURGE TANK SUPPLIER. SUPPLIER SHALL COORDINATE INSTALLATION OF ELECTRICAL ITEMS WITH CONTRACTOR.

TANK TAP, AND ADJUSTABLE GALVANIZED PIPE SUPPORT.

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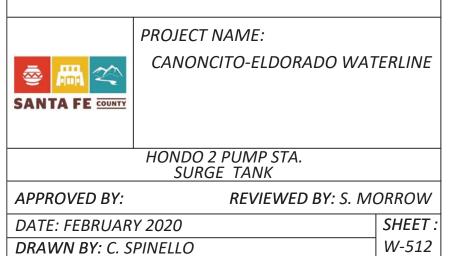
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REVISION SYMBOL DATE: BY:

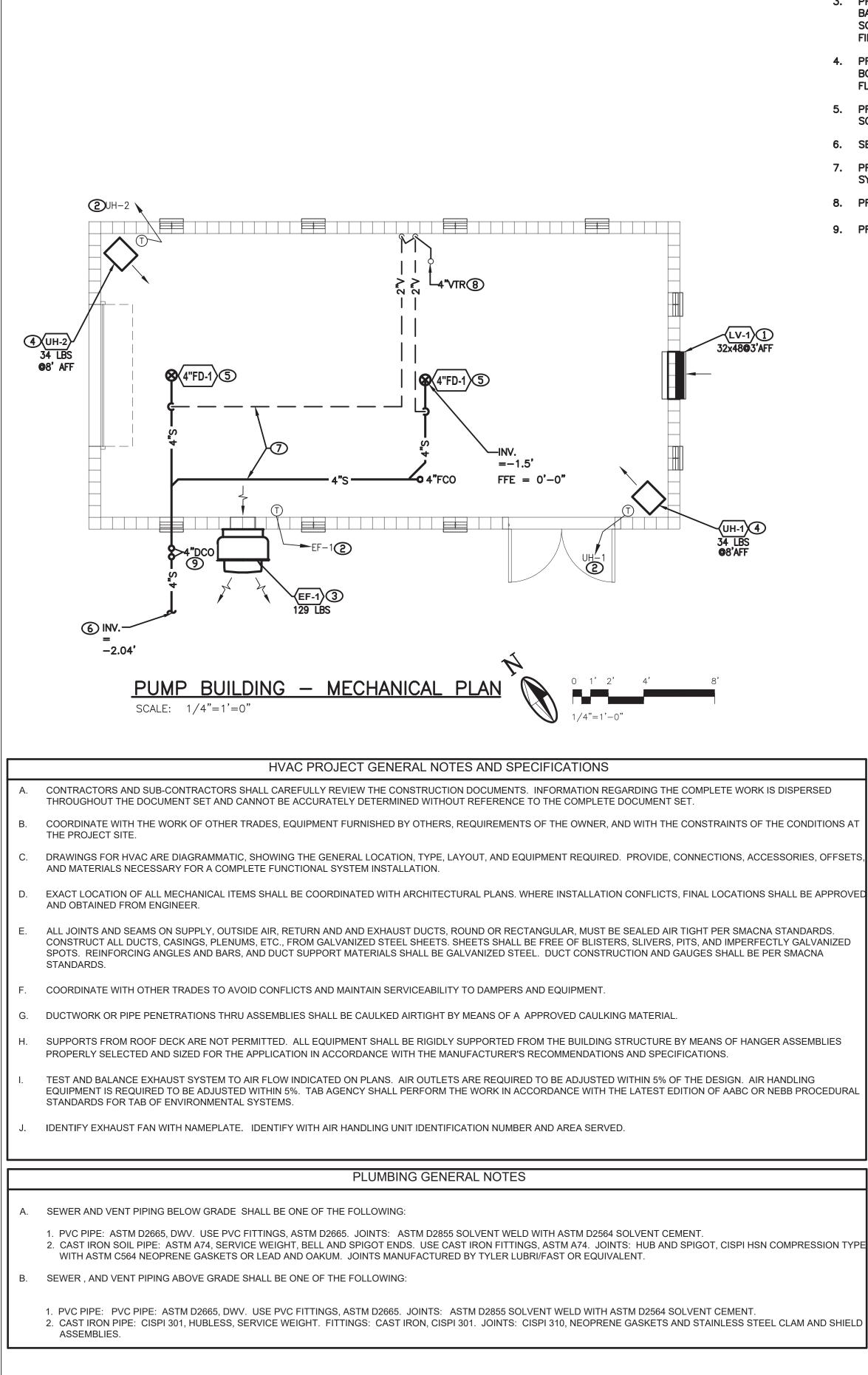
SANTA FE COUNTY

UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507



3/8"=1'-0"

0 6" 1' 2'



KEYED NOTES 🖲

- 1. PROVIDE AND INSTALL LOUVER. SIZE AS INDICATED ON DRAWINGS. BOTTOM OF LOUVER AT 36" ABOVE FINISHED FLOOR.
- 2. T-STAT CONTROLLER. SEE ELECTRICAL DRAWINGS FOR FURTHER DETAIL.
- 3. PROVIDE AND INSTALL EXHAUST FAN. TEST AND BALANCE EXHAUST FAN TO CFM INDICATED ON SCHEDULE. CENTER OF FAN AT AROUND 8' ABOVE FINISHED FLOOR.
- 4. PROVIDE AND INSTALL ELECTRIC UNIT HEATER. BOTTOM OF HEATER SET AT 8' ABOVE FINISHED FLOOR.
- 5. PROVIDE AND INSTALL FLOOR DRAIN AS SCHEDULED.
- 6. SEE CIVIL DRAWINGS FOR CONTINUATION.
- PROVIDE AND INSTALL SEWER AND VENT PIPING 7. SYSTEM. SIZE AS INDICATED ON DRAWINGS.
- 8. PROVIDE AND INSTALL VENT THRU ROOF.
- 9. PROVIDE AND INSTALL DOUBLE CLEAN OUT (DCO).

SIDEWALL EXHAUST FAN SCH

DAMPER,	<u>L EXHAUST FAN</u> BALL BEARING OGGLE SWITCH ENT.	MOTOR	, MOTOR	ISOLATE	O ON SHO	CK MOUNTS,	CORF	ROSIC	ON RESIST	ANT FAST	ENERS
SYMBOL	GREENHECK					ELECTRICAL		-	SONES	WEIGHT	
	MODEL #		W.C.	WIDTH (IN)	HEIGHT (IN)	V/PH/HZ	FLA	HP		(LBS)	
EF-1	CWB-180-15	4,400	0.5	17	17	460 / 3 / 60	3.0	1.5	19.6	129	ADJU FINIS
								LO	JVER SO	CHEDUL	.E
LOUVER/DAMPER: 6" DEEP FRAME, COMBINATION LOUVER/DAMPER, HEAVY GAUGE ALUMINUM, DRAINABLE S LINKAGE. FURNISH WITH BIRD SCREEN, AND ALUMINUM INSECT SCREEN, ELECTRIC 120 VOLT ACTUATOR GRI AUXILIARY SWITCH. UNIT SHALL BE CAPABLE OF CAPACITIES LISTED BELOW. MFG: GREENHECK OR EQUIV.											
SYMBOI	GREENH	ECK	WIDTH	(IN) HEI		REE AREA	VEL	OCIT	Y DES	SIGN	

SYMBOL	MODEL #	WIDTH (IN)	HEIGHT (IN)	(FT^2)	(FPM)	FLOW (CFM)	
(LV-1)	ECD-601	32	48	4.73	930	4400	PRIMER F

UNIT HEATER SCHEDUL

UNIT HEATER: HORIZONTAL AIR DELIVERY ELECTRIC UNIT HEATER, STEEL CASING WITH BAKED ON POLYES UNITS SHALL BE UL AND C-UL LISTED FOR SAFE OPERATION CONSTRUCTION AND PERFORMANCE, CONTROL INCLUDE SAFETY FAN GUARD OF HEAVY GAUGE STEEL, MOTOR AND FAN SHALL BE TOTALLY ENCLOSED WI FURNISH UNIT WITH FACTORY MOUNTED TRANSFORMER. ALUMINUM PROTECTIVE SCREEN FOR HEATING E MODINE OR EQUIVALENT.

		WEIGHT	SUPPLY FAN ELECTRICAL DATA				HEATING PERFORMAN			
	SYMBOL	MODINE NO.	(LBS)	CFM	VOLT	PHASE	HERTZ	HP	KW	EAT °F
	(UH-1)	HER-50	34	380	480	3	60	1 / ₄₀	5	55
	UH-2	HER-50	34	380	480	3	60	1 / ₄₀	5	55
_										

EXHAUST FAN (EF-1)

ELECTRICAL CONTRACTOR TO INTERLOCK WITH LOUVER/DAMPER. EXHAUST FAN TO RUN CONTINUOUSLY CONTRACTOR TO FURNISH AND INSTALL THERMOSTAT. LOUVER/DAMPER COMBO (LV-1):

WHEN EXHAUST FAN EF-1 IS ON MOTORIZED DAMPERS WILL OPEN. WHEN EXHAUST FAN (EF-1) IS OFF. MOTO IN THE EVENT OF POWER LOSS, THE DAMPERS CLOSE.

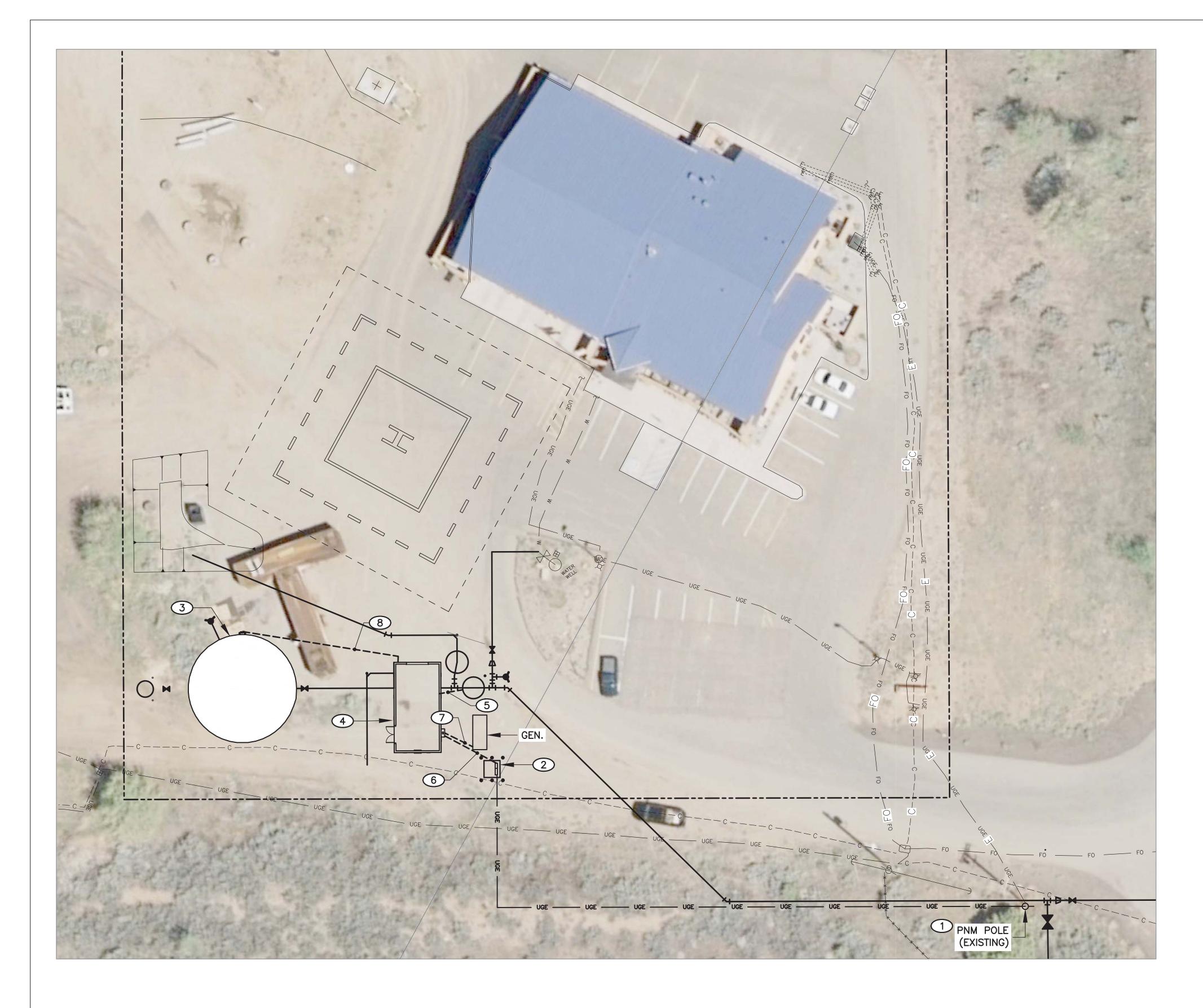
UNIT HEATERS (UH-1 THRU UH-2)

ELECTRICAL CONTRACTOR TO INSTALL THERMOSTAT. THERMOSTAT PROVIDED WITH HEATER. UNIT HEATE REFER TO ELECTRICAL DRAWINGS FOR FURTHER DETAIL.

 FLOOR DRAIN:
 CAST IRON BODY, CLAMPING DEVICE, 7" DIAMETER, BRONZE PLATED GRID STRAINER

 ZN415B.
 PROVIDE SURESEAL INLINE TRAP SEAL, SIZE AND TYPE TO FIT DRAIN.

EWALL						мс) 7	FNC		
CORROSI	ON RESIS	TANT FA	STENE	RS, NEMA I	INED ALUMINUM WHEEL,GALVANIZED BIRD SCREEN, BACKDRAFT PREMIUM EFFICIENT MOTOR, MOTOR W/ THERMAL OVERLOAD, R 7000 FEET ELEVATION. MANUFACTURED BY GREENHECK OR			1 Miles Road		
RICAL						A	lbuquerq 505	ue, New Mex 5 242 5700 of	ico 87106 fice	
FLA HP	SONES	WEIC			REMARKS)5 242 0673 f olzenCorbin.co		
3.0 1.5	19.6	12			OR BELT ASSEMBLY TO CFM INDICATED ON SCHEDULE. PRIMER PAINTED IN FIELD PER ARCHITECTURAL SPECIFICATIONS.	THIS CC PAYMEN	NTRACT IT WITHIN	ALLOWS THE I 45 DAYS AF	<u>ENT PROVISION:</u> OWNER TO MAKE TER SUBMISSION F FOR PAYMENT	
	UVER S			STATION	ARY BLADES AND OPERABLE BLADES WITH EXPOSED BLADE					
I, ELECTRI ELOW. MF					K MODEL MS4120F1204 WITH NEMA 1 ENCLOSURE AND WITH					
VELOCI (FPM)		ESIGN W (CFM)			REMARKS					
(,										
930		4400	PRIME	R FINISH T	O BE PAINTED IN FIELD PER ARCHITECTURAL SPECIFICATIONS					
UNIT	HEATE	R SCH	IEDULI	E						
FION AND	PERFORM	ANCE, C	ONTRO	L COMPAR	DER COAT PAINT OF THE CAPACITY AND VOLTAGE LISTED BELOW. TMENT SHALL SAFELY ENCLOSE POWER AND TERMINAL BLOCKS,					
					ATIC RESETTING AND THERMAL OVERLOAD PROTECTION, NICKEL CHROMIUM HEATING ELEMENT. MANUFACTURED BY					
RICAL DAT	4	PE	HEATIN							
HERTZ	HP	кw	EAT °F	F LAT°F	REMARKS					
60	1/40	5	55		HEAT THROW: 12 FEET. MOUNTING HEIGHT: 8 FEET AFF. FURNISH WITH WALL MOUNTING BRACKET. FURNISH WITH LINE VOLTAGE T-STAT.					
60	1 / ₄₀	5	55	80	HEAT THROW: 14 FEET. MOUNTING HEIGHT: 8 FEET AFF. FURNISH WITH WALL MOUNTING BRACKET. FURNISH WITH LINE VOLTAGE T-STAT.					
SEQUE	NCE OF	OPEI	RATIO	NS						
ΔΙΙST ΕΔΝΙ					PERATURE IN THE SPACE EXCEEDS 85°F. ELECTRICAL					
	TO NON C	ONTINO	OUSLIN		FERRIORE IN THE SPACE EXCLEDS 05 F. ELECTRICAL					
EN EXHAU	ST FAN (E	F-1) IS C	FF. MO	TORIZED E	DAMPER IS CLOSED.		24	UL M. ROMER		
							REGIST	(14932)	MER	
OVIDED V	/ITH HEAT	ER. UN	IT HEATE	ERS SHALI	RUN WHEN SPACE TEMPERATURE FALLS BELOW 55°F.					
								02-14-2020		
PLU	MBING	SCHEE	DULE							
R, BRONZ TO FIT DR		GRID S	TRAINE	R, DEEP SE	EAL P-TRAP,4" OUTLET AS SHOWN ON DRAWINGS. MFG:ZURN					
									REVISION	
								SYMBOL	DATE:	BY:
						SA UTILITIES DIVIS		A FE CC 24 NM 599,		M 87507
							DROU	ECT NAME:		
						SANTA FE 🚥			.DORADO WA	TERLINE
								DO 2 PUMP : AC/PLUMBI		
						APPROVED BY:		REVI	EWED BY: P.RC	
						DATE: FEBRUAR DRAWN BY: P.R				SHEET M-101



KEYED NOTES: (III)

- ONE-LINE DIAGRAM.

- E-103 FOR DETAILS.

1. COORDINATE WITH PNM FOR CONSTRUCTION OF EXTENSION OF UNDERGROUND PRIMARY ELECTRICAL SERVICE. REFER TO E-601 FOR

2. FORM AND POUR TRANSFORMER PAD IN PROPOSED LOCATION IN ACCORDANCE WITH PNM STANDARDS. FINAL LOCATION TO BE IDENTIFIED BY PNM. INSTALL GUARD POSTS AS REQUIRED BY PNM. PROVIDE METER ENCLOSURE WITH METER SOCKET. MOUNT METER ON STRUT ADJACENT TO TRANSFORMER. CONSTRUCT IN ACCORDANCE WITH PNM STANDARDS.

3. STORAGE TANK. REFER TO E-103 FOR ELECTRICAL EQUIPMENT DETAILS.

4. BOOSTER PUMP STATION BUILDING. REFER TO E-101 AND E-102 FOR ELECTRICAL EQUIPMENT DETAILS. 5. CONDUIT WITH MANUFACTURER SUPPLIED CABLE FOR FLOW METER AND

REMOTE TRANSMITTER CONNECTION. REFER TO E-101 FOR TRANSMITTER LOCATION. REFER TO W-106 FOR NOZZLE FLANGE DETAIL. COORDINATE CONDUIT SIZE WITH FLOW METER MANUFACTURER.

6. RUN CONDUIT WITH CONDUCTORS FROM TRANSFORMER TO ATS. STUB UP IN TRANSFORMER LOW VOLTAGE COMPARTMENT; CONNECT. REFER TO E-601 FOR ONE-LINE DIAGRAM AND SCHEDULES.

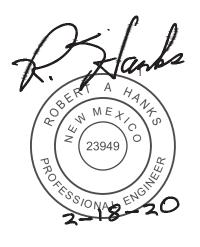
7. RUN CONDUIT WITH CONDUCTORS FROM GENERATOR TO ATS. REFER TO E-601 FOR ONE-LINE DIAGRAM AND SCHEDULES.

8. CONDUIT FOR TANK INSTRUMENTATION POWER AND CONTROL. REFER TO

MOLZENCORBIN

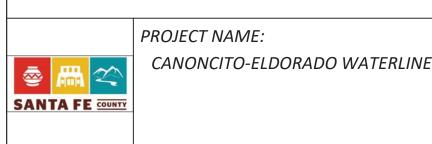
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<u>NOTICE OF EXTENDED PAYMENT PROVISION:</u> THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT



REVISION SYMBOL DATE: BY:

SANTA FE COUNTY UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

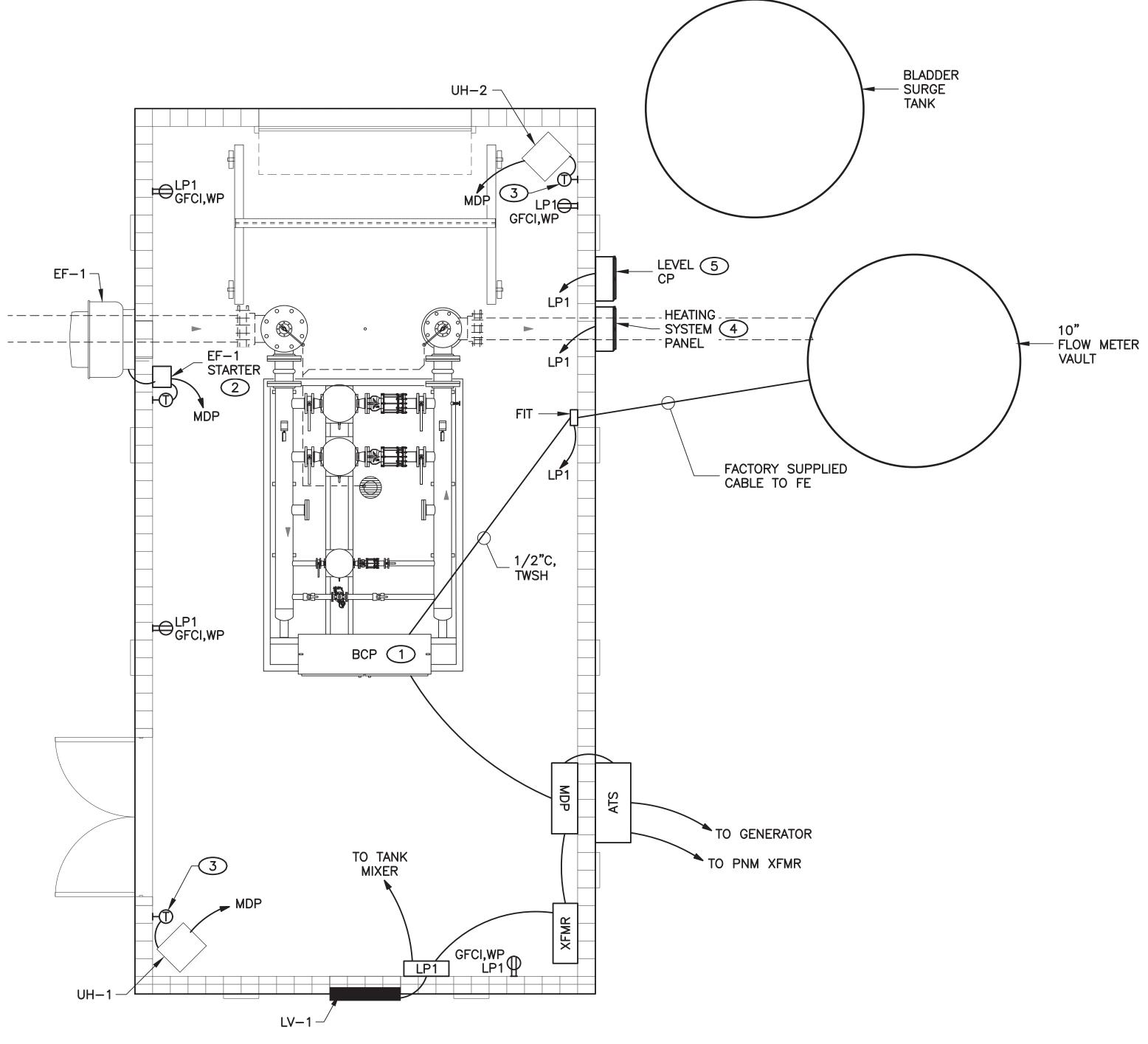


HONDO 2 PUMP STATION / TANK ELECTRICAL SITE PLAN

REVIEWED BY: R. HANKS APPROVED BY: DATE: FEBRUARY 2020 SHEET : DRAWN BY: N. WILHELM E-001



02'5'10'20' 1"=20'-0"



3/8"=1'-0"



GENERAL NOTES:

1. REFER TO PANEL SCHEDULES ON E-601 FOR PANEL CONNECTION CONTACT NUMBER.

KEYED NOTES: (#)

- PUMP VFD.
- SCHEDULES.
- MANUFACTURER.
- TANK MANUFACTURER.
- TANK MANUFACTURER.

MOLZENCORBIN

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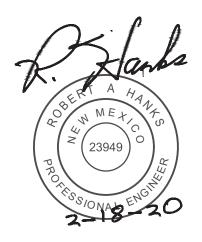
1. BOOSTER CONTROL PANEL (BCP) SUPPLIED WITH SKID; SINGLE POINT POWER CONNECTION WITH INDIVIDUAL DISCONNECTING MEANS FOR EACH

2. EXHAUST FAN STARTER. REFER TO E-601 FOR WIRING DIAGRAM AND

3. THERMOSTAT SUPPLIED WITH HEATER. REFER TO M-101 FOR SEQUENCE OF OPERATIONS. CONNECT TO HEATER AS RECOMMENDED BY

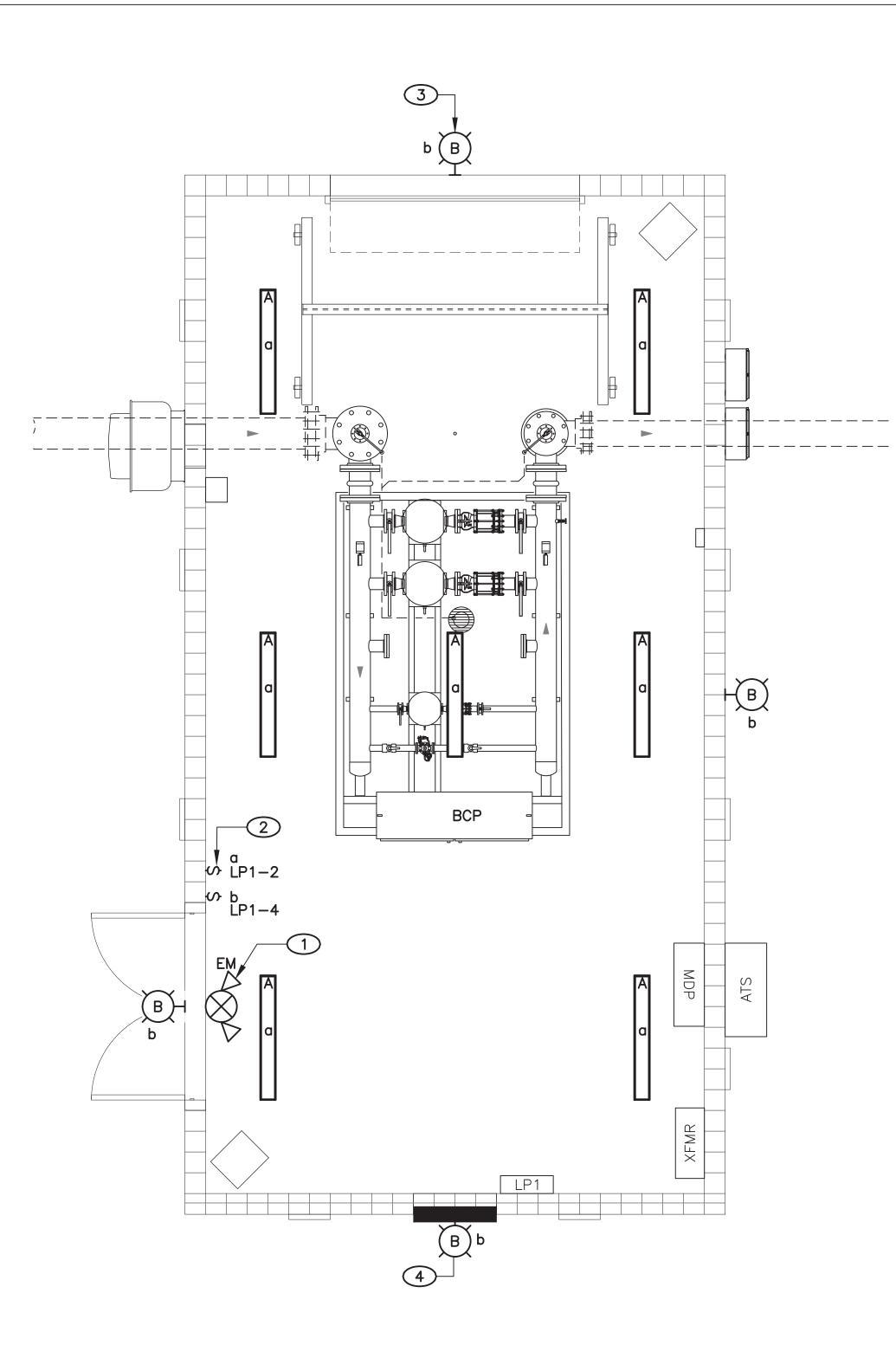
4. ALL THE HEATING SYSTEM COMPONENTS FOR THE SURGE TANK TO BE INSTALLED BY ELECTRICAL CONTRACTOR UNDER GUIDANCE OF THE SURGE

5. ALL THE LEVEL CONTROL COMPONENTS FOR THE SURGE TANK TO BE INSTALLED BY THE CONTRACTOR UNDER THE GUIDANCE OF THE SURGE



		REVISION							
	SYMBOL	DATE:	BY:						
SANTA FE COUNTY UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507									
	PROJECT NAME:	DJECT NAME:							
SANTA FE COUNTY	CANONCITO-EL	ANONCITO-ELDORADO WATERLINE							

HONDO 2 PUMP STATION ELECTRICAL POWER PLAN APPROVED BY: REVIEWED BY: R. HANKS SHEET : DATE: FEBRUARY 2020 E-101 DRAWN BY: N. WILHELM



HONDO 2 BOOSTER STATION LIGHTING PLAN SCALE: 3/8"=1'-0"

3/8"=1'-0"

KEYED NOTES:

- 1. MOUNT COMBINATION E FIXTURE ON THE WALL
- 2. INSTALL OCCUPANCY
- 3. INSTALL LIGHT FIXTURE
- 4. SHOWN HERE FOR DRA LOUVER LOCATION.

	LUMINAIRE SCHEDULE									
TYPE	DESCRIPTION	VOLTS	MOUNTING	LUMENS	WATTAGE	MANUFACTURER	MODEL	Q-TY		
А	4' LENGTH, LED ENCLOSED AND GASKETED.	120	SURFACE	5358	47	COLUMBIA	LXEM4-40ML-RFA-EU	7		
I B	EXTERIOR WALL PACK WITH BATTERY BACKUP OPTION. PHOTOCONTROL OPTION.	120	EXTERIOR WALL	2868	28	HUBBELL	LNC2-12L-120V-4K-3-BRONZE-BBU-PC	4		
	WHITE THERMOPLASTIC EXIT. RED LETTERS. ARCHITECTURAL LED COMBINATION EXIT / EMERGENCY LIGHT.	120	SURFACE	-	1.65	DUALLITE	EVCURW	1		

	MO
\mathbf{D}	Albu
EXIT SIGN AND BATTERY BACKUP EGRESS LIGHT L 18" ABOVE DOOR.	
SENSOR AND INTERLOCK IT WITH LIGHT TYPE "A". RE 9'-6" AFG. TYPICAL 4. RAFTING PURPOSES. COORDINATE LIGHT HEIGHT WITH	<u>NOTICE</u> THIS CONT PAYMENT OF AN U

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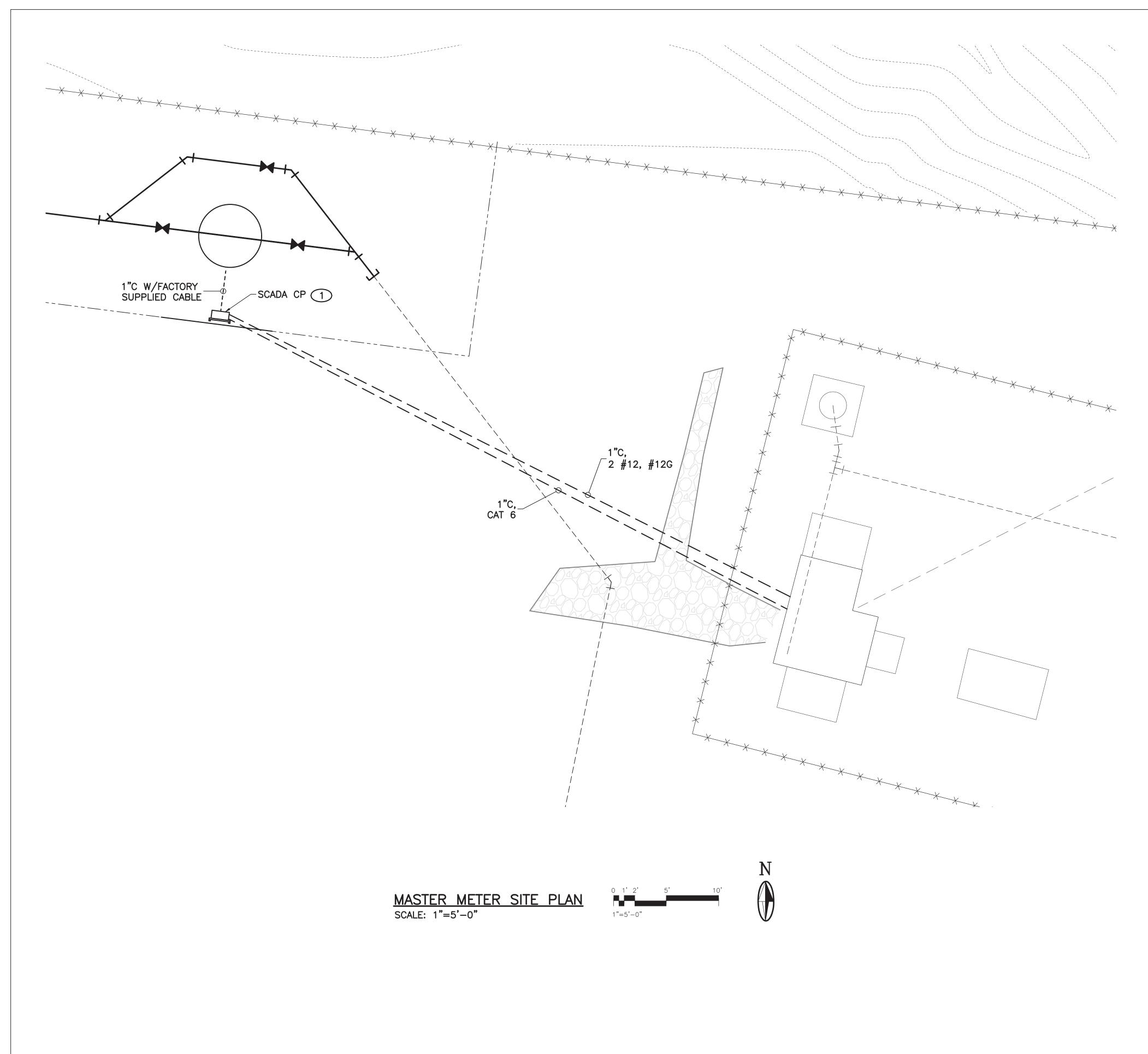
<u>NOTICE OF EXTENDED PAYMENT PROVISION:</u> THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT



	REVISION	
SYMBOL	DATE:	BY

SANTA FE COUNTY UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

	PROJECT NAME:							
SANTA FE 🚥 🛙	CANONCITO-ELD	ORADO WA1	FERLINE					
HONDO 2 PUMP STATION LIGHTING PLAN								
APPROVED BY:	REVIEW	VED BY: R	. HANKS					
DATE: FEBRUAR		SHEET :						
DRAWN BY: N.	WILHELM		E-102					



KEYED NOTES: (#)

1. REFER TO E-502 FOR SCADA CONTROL PANEL MOUNTING DETAILS AND WIRING DIAGRAM.

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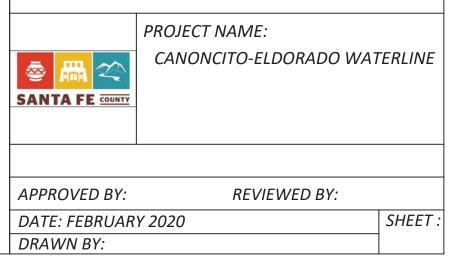
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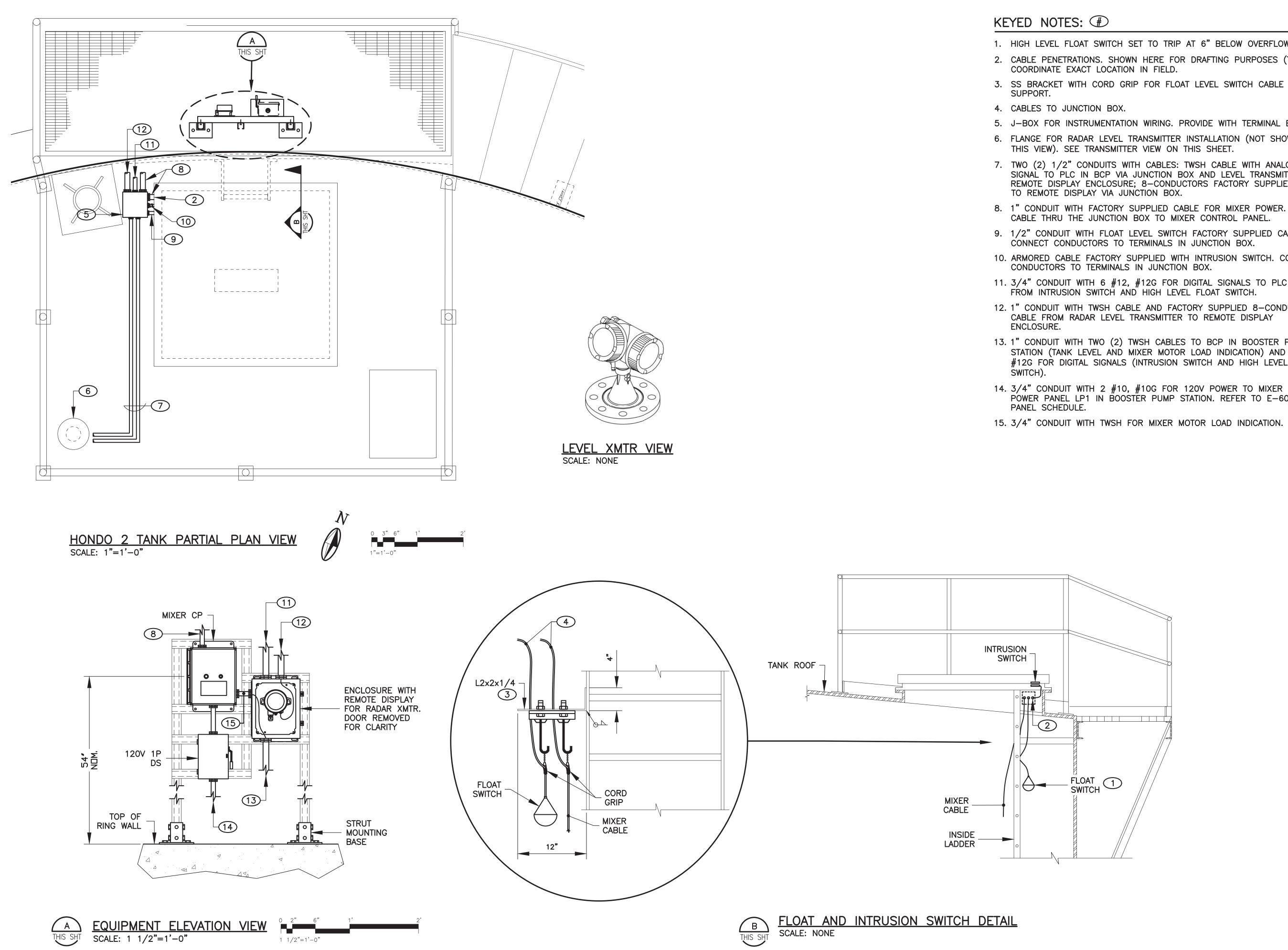


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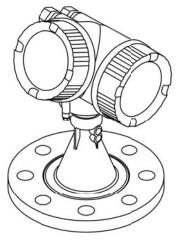
SANTA FE COUNTY

UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507





- THIS VIEW). SEE TRANSMITTER VIEW ON THIS SHEET.



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1. HIGH LEVEL FLOAT SWITCH SET TO TRIP AT 6" BELOW OVERFLOW. 2. CABLE PENETRATIONS. SHOWN HERE FOR DRAFTING PURPOSES (TYP). COORDINATE EXACT LOCATION IN FIELD.

5. J-BOX FOR INSTRUMENTATION WIRING. PROVIDE WITH TERMINAL BLOCKS. 6. FLANGE FOR RADAR LEVEL TRANSMITTER INSTALLATION (NOT SHOW ON

7. TWO (2) 1/2" CONDUITS WITH CABLES: TWSH CABLE WITH ANALOG SIGNAL TO PLC IN BCP VIA JUNCTION BOX AND LEVEL TRANSMITTER REMOTE DISPLAY ENCLOSURE; 8-CONDUCTORS FACTORY SUPPLIED CABLE TO REMOTE DISPLAY VIA JUNCTION BOX.

8. 1" CONDUIT WITH FACTORY SUPPLIED CABLE FOR MIXER POWER. PULL CABLE THRU THE JUNCTION BOX TO MIXER CONTROL PANEL.

9. 1/2" CONDUIT WITH FLOAT LEVEL SWITCH FACTORY SUPPLIED CABLE. CONNECT CONDUCTORS TO TERMINALS IN JUNCTION BOX.

10. ARMORED CABLE FACTORY SUPPLIED WITH INTRUSION SWITCH. CONNECT CONDUCTORS TO TERMINALS IN JUNCTION BOX.

11. 3/4" CONDUIT WITH 6 #12, #12G FOR DIGITAL SIGNALS TO PLC IN BCP FROM INTRUSION SWITCH AND HIGH LEVEL FLOAT SWITCH.

12. 1" CONDUIT WITH TWSH CABLE AND FACTORY SUPPLIED 8-CONDUCTORS CABLE FROM RADAR LEVEL TRANSMITTER TO REMOTE DISPLAY

13. 1" CONDUIT WITH TWO (2) TWSH CABLES TO BCP IN BOOSTER PUMP STATION (TANK LEVEL AND MIXER MOTOR LOAD INDICATION) AND 6 #12, #12G FOR DIGITAL SIGNALS (INTRUSION SWITCH AND HIGH LEVEL FLOAT

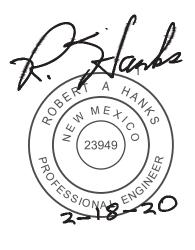
14. 3/4" CONDUIT WITH 2 #10, #10G FOR 120V POWER TO MIXER CP FROM POWER PANEL LP1 IN BOOSTER PUMP STATION. REFER TO E-601 FOR

15. 3/4" CONDUIT WITH TWSH FOR MIXER MOTOR LOAD INDICATION.

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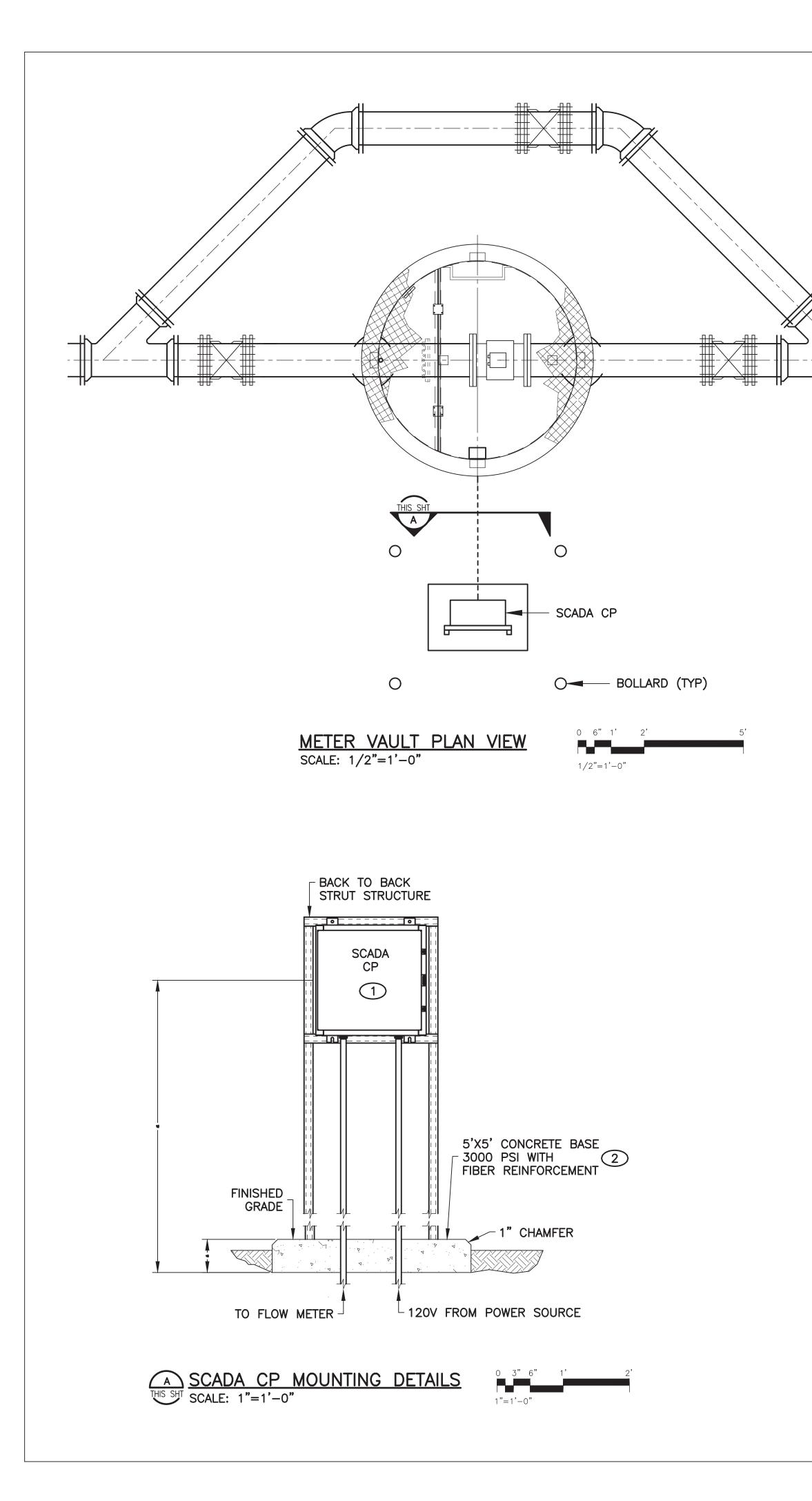
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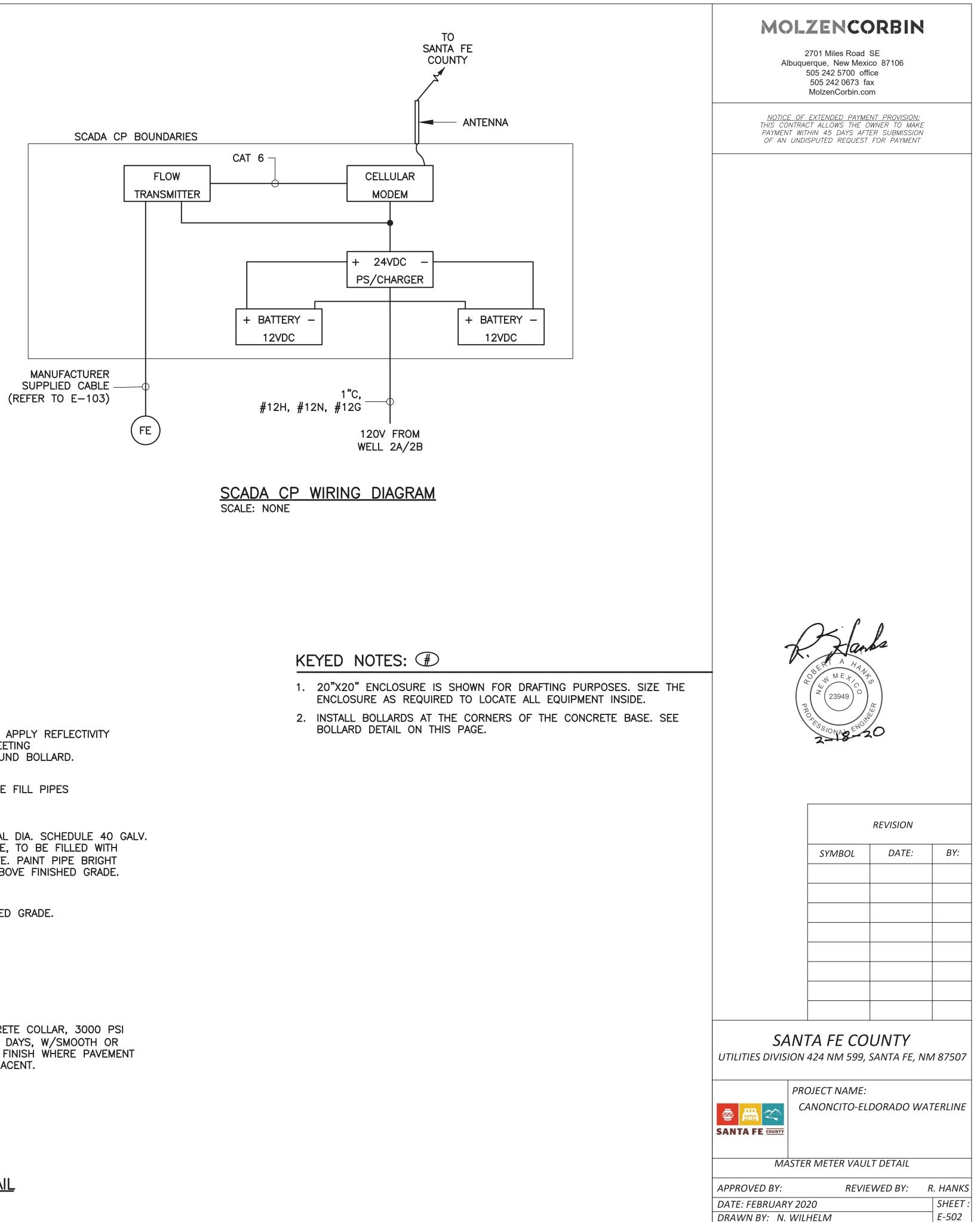


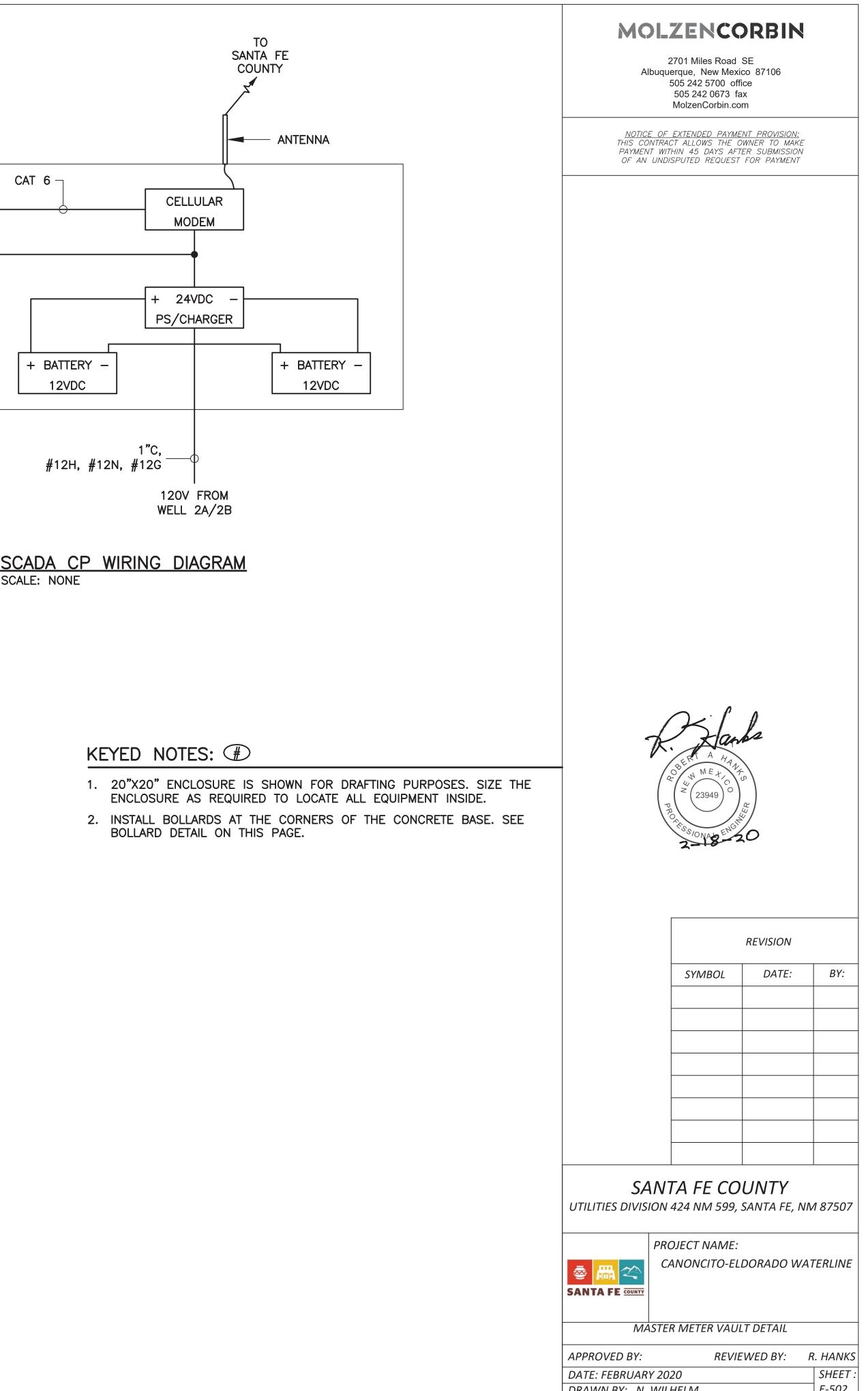
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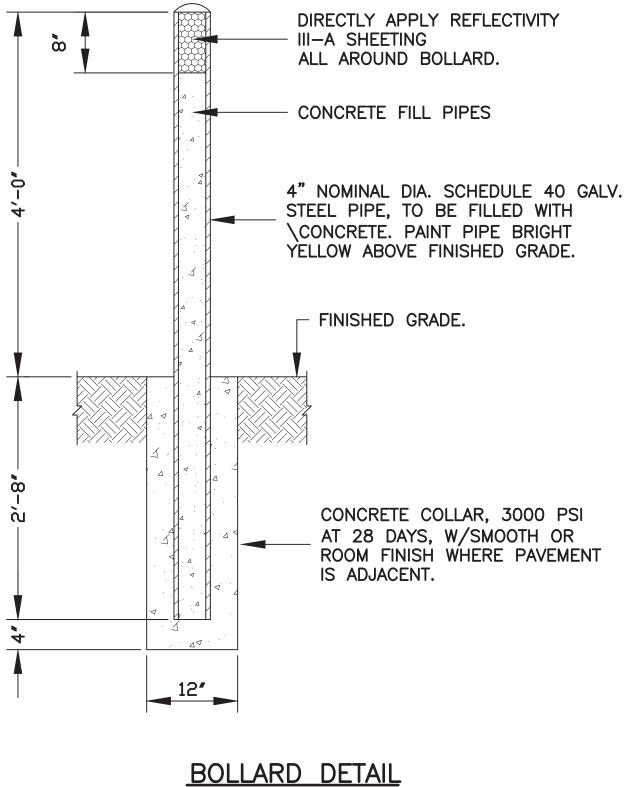
		REVISION	
	SYMBOL	DATE:	BY:
SAN	TA FE CO	UNTY	
UTILITIES DIVISION	424 NM 599,	SANTA FE, NN	187507

PROJECT NAME: CANONCITO-ELDORADO WATERLINE SANTA FE COUNTY HONDO 2 TANK POWER AND INSTRUMENTATION DETAILS APPROVED BY: REVIEWED BY: R. HANKS SHEET DATE: FEBRUARY 2020 E-501 DRAWN BY: N. WILHELM

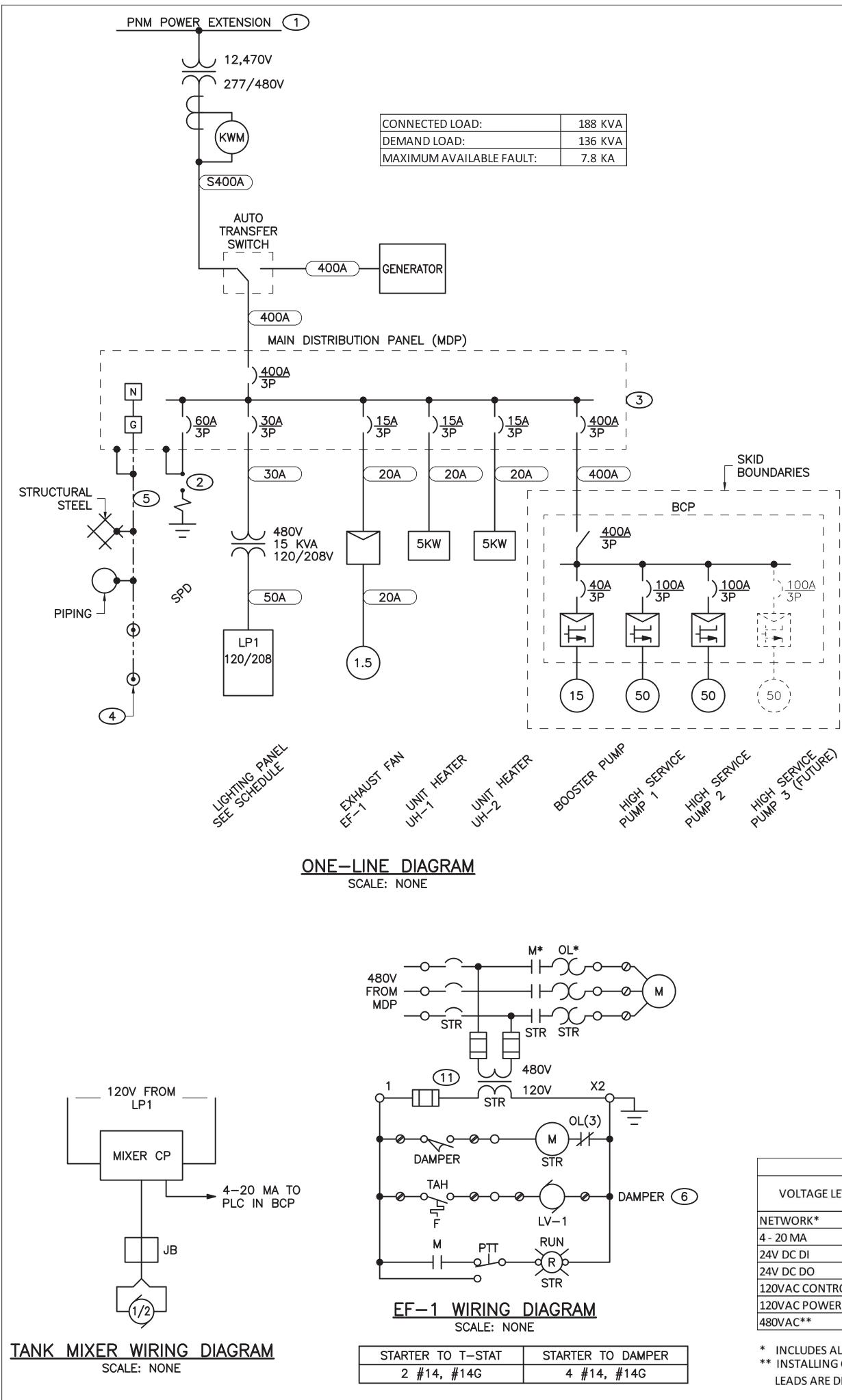








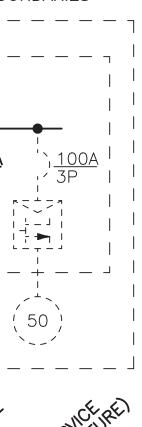
SCALE: NONE



KEYED NOTES: (#)

- SERVICE EXTENSION.
- FOR SERVICE ENTRANCE.
- APART.
- PROCESS (HDEW).

BOUNDARIES



PC	POWER CONDUIT SCHEDULE						
NAME	COPPER						
20AS	3/4"C, #12H, #12N, #12G						
20A2	3/4"C, 2 - #12H, #12G						
20A	3/4"C, 3 - #12, #12G						
30AS	3/4"C, #10H, #10N, #10G						
30A2	3/4"C, 2 - #10H, #10G						
30A	3/4"C, 3 - #10, #10G						
50A	1"C, 3 - #8, #8G						
60A	1"C, 3 - #6, #8G						
80A	1 1/2"C, 3 - #4, #8G						
80AS	1 1/2"C, 2 - #4, #8G						
100A	1 1/2"C, 3 - #2, #6G						
125A	2"C, 3 - #1, #6G						
150A	2"C, 3 - #1/0, #6G						
175A	2"C, 3 - #2/0, #4G						
200A	2 1/2"C, 3 - #3/0, #4G						
225A	2 1/2"C, 3 - #4/0, #2G						
250A	3"C, 3 - 250KCM, #2G						
275A	3"C, 3 - 300KCM, #2G						
300A	3"C, 3 - 350KCM, #2G						
400A	4"C, 3 - 500KCM, #1G						
450A	2 X (2 1/2"C, 3 - #4/0, #2G)						
500A	2 X (3"C, 3 - 250KCM, #2G)						
600A	2 X (3"C, 3 - 350KCM, #1/0G)						

SERVICE CONDUIT SCHEDULE					
NAME	COPPER				
S100A	1 1/2"C, 3 - #2, #2N				
S200A	2 1/2"C, 3 - #3/0, #3/0N				
S400A	4"C, 3 - 500KCM, 500KCM(N)				

YLL

Y

Y

AGE M	ATRIX				
RMC	RNC	FRE RNC	EMT	FMC	LFMC
	Y				
		Y			
	Y	Y			
Y					Y
		RMC RNC		RMC RNC FRE RNC EMT	RMC RNC FRE RNC EMT FMC

YYY

Y

*

* - SCHEDULE 80

ALL OTHER WORK

EXTERIOR < 1FT AFG

BUILDING INTERIOR

L - CONNECTION TO LIGHTS

SIGNAL/	POWER SEPARATION IN INCHES	

VOLTAGE LEVEL	NETWORK*		24V DC		120VAC		480VAC	
VOLIAGE LEVEL	NETWORK	4 - 20 MA	DI	DO	CONTROL	POWER	400VAC	
NETWORK*	0	0	1	6	6	6	26	
4 - 20 MA	0	0	1	6	6	6	26	
24V DC DI	1	1	0	0	6	6	26	
24V DC DO	6	6	0	0	0	0	8	
120VAC CONTROL	6	6	6	0	0	0	8	
120VAC POWER	6	6	6	0	0	0	8	
480VAC**	26	26	8	8	8	8	0	

* INCLUDES ALL NETWORKED PROTOCOLS (EX: ETHERNET, DEVICENET, PROFIBUS... ETC)

** INSTALLING CONTROL CIRCUITS IN SAME CONDUIT AS MOTOR LEADS IS ACCEPTABLE WHEN MOTOR LEADS ARE DIRECTLY CONTROLLING THE RESPECTIVE EQUIPMENT OF THE POWER LEADS.

	1										
KN 2	MAIN DISTRIBUTION PANEL (MDP) ELECTRICAL ROOM								KN 2		
EQUIP FEEDR	CKT. NO.	TRIP/ POLES	LOAD SERVED	F	PHA	SE		LOAD SERVED	TRIP/ POLES	CKT. NO.	EQUIP FEEDR
	1			7	Α		21			2	
20A	3	15/3	HEATER UH-1	7	В		24 L	P1 VIA XFMR	30/3	4	30A
	5			7	С		19			6	
	7			7	Α		3			8	
20A	9	15/3	HEATER UH-2	7	В		3 E	XHAUST FAN EF-1	15/3	10	20A
	11			7	С		3			12	
	13		BOOSTER PUMP	186	Α					14	
400A	15	400/3	CONTROL PANEL	186	В					16	
	17		ВСР	186	С					18	
	19				Α					20	
	21				В					22	
	23				С					24	
	25				Α					26	
	27	60/3	SPD		В					28	
	29				С					30	
	L-N	I VOLTS	277								
	L-l	VOLTS	480	Ph A	=		223 A	MPS			
	3	Ph 4 W		Ph B	=		225 A	MPS			
		POLES	30	Ph C	=		221 A	MPS			
	BU	S AMPS	400	125%	=		282 A	MPS			
	MCI	B AMPS	400	100%	=	/	188 K	VA			
		CB AIC	10 KA				_				
	AV	AIL FLT	7.8 KA					ENCLOSURE	NEMA	1	
KN 2		1	LIGHTING PANEL LP1	_				ELECTRICAL ROON	/		KN 2
EQUIP	СКТ.	TRIP/	LOAD SERVED		PΗ	ASE		LOAD SERVED	TRIF	?/ СК ⁻	T. EQUIP
FEEDR	NO.	POLES		AMPS	<u>S</u>		AMPS	;	POLE	ES NO	D. FEEDR
30AS	1	15/1	LOUVER DAMPER	0.35		Α	2.74	LGHT INTERIOR	20/	1 2	30AS
30AS	3	20/1	FLOW XMTR	1.00		В	0.98	LIGHT EXTERIOR	20/	1 4	30AS
	5					С	6.00	RECEPTACLE	20/	1 6	30AS
	7					А	12.00	HEAT CP (PNL. 1&2	.)	8	30AS

KN 2		LIGHTING PANEL LP1					
EQUIP	СКТ.	TRIP/	LOAD SERVED				
FEEDR	NO.	POLES		А			
30AS	1	15/1	LOUVER DAMPER	(
30AS	3	20/1	FLOW XMTR	1			
	5						
	7						
	9						
	11						
	13	30/3	SPD				
	15						
	L-N	VOLTS	120				
	L-l	VOLTS	208				
	3	Ph 4 W					
		POLES	16				
	BU:	S AMPS	100				
	MCB AMPS		50				
	CB AIC		10 KA				
	AV	AIL FLT	3.8 KA				

1. COORDINATE WITH PNM FOR CONSTRUCTION OF UTILITY PORTION OF 2. LOCATE AND ORIENT SURGE PROTECTIVE DEVICE TO COMPLY WITH MANUFACTURER INSTALLATION INSTRUCTIONS. 3. MAIN DISTRIBUTION PANEL (MDP) WITH MAIN CIRCUIT BREAKER UL LISTED 4. INSTALL GROUND ROD IN INSPECTION WELL; 2 RODS MINIMUM AT 20'

5. INSTALL #2 BC IN BUILDING FOOTING. CONNECT #2 BC TO BUILDING GROUNDING ELECTRODE SYSTEM WITH HEAVY DUTY EXOTHERMIC WELD

6. REFER TO M-101 FOR SEQUENCE OF OPERATIONS.

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ENCLOSURE NEMA 1



	REVISION	
SYMBOL	DATE:	BY:

SANTA FE COUNTY UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

PROJECT NAME: CANONCITO-ELDORADO WATERLINE **e** SANTA FE COUNTY HONDO 2 BOOSTER PUMP STATION / TANK ONE-LINE DIAGRAM AND SCHEDULES APPROVED BY: REVIEWED BY: R. HANKS SHEET : DATE: FEBRUARY 2020

E-601

DRAWN BY: N. WILHELM