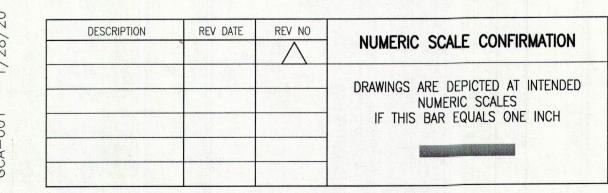


VICINITY MAP



THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR THE CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR. ALL IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS

INSTRUMENT ARE OWNED BY AND THE PROPERTY OF MOLZEN-CORBIN & ASSOCIATES, AND WERE CREATED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. THESE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL NOT BE USED BY ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF MOLZEN-CORBIN & ASSOCIATES.

THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH MUNICIPAL OFFICIALS, AND PREVIOUS CONSTRUCTION DOCUMENTS. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES AND UTILITY CONNECTION POINTS IN THE VICINITY OF REQUIRED WORK MAY BE DIFFERENT FROM THE LOCATION SHOWN ON THESE DRAWINGS. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

# CAÑONCITO REGIONAL WATER SYSTEM IMPROVEMENTS PHASE II

SANTA FE COUNTY PUBLIC WORKS 424 NM SR 599 SANTA FE, NEW MEXICO 87504 TELEPHONE NO.: 505-992-3010	
SANTA FE COUNTY APPROVALS	
SFC Fire Marshal	Date: 2/24/2020
SFC P/W Director	Date: 022020
SFC Water Utilites Division	Date: 2-20-20
SFC Land Use Director	Date: 2 - 25 - 2020

#### **CERTIFICATION:**

I, JONAH S. RUYBALID, REGISTERED PROFESSIONAL ENGINEER NO. 23909 HEREBY CERTIFY THAT THE FOLLOWING PLANS AND DESIGNS WERE MADE UNDER MY SUPERVISION UNDER MY SUPERVISION AND DIRECTION AND THAT SAME IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF



JONAH S. RUYBALID, P.E.

NO. 23909

# SANTA FE COUNTY **100 CATRON STREET** SANTA FE, NEW MEXICO

JANUARY 2020

construction plans for the

SANTA FE COUNTY PROJECT NO. 2019-0007-PW-CW NM WATER TRUST BOARD PROJECT NO - WPF- 4325

#### WATER RESOURCES

Molzen Corbin Jonah S. Ruybalid, P.E.

# MOLZENCORBIN

ENGINEERS | ARCHITECTS | PLANNERS

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

Molzen Corbin Project Number: SFC184-12

G-001

Sheet

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

	=
<u>SEQUENCE</u>	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	

#### INDEX TO DRAWINGS

<u>SHEET</u>	DESCRIPTION
G-001	TITLE SHEET
G-002	IINDEX TO DRAWINGS
G-003	CONSTRUCTION NOTES AND PUBLIC UTILITY CONTACTS
W-101	PROJECT LOCATION MAP
W-201	CALLE GURULE WATERLINE STA. 10+00 TO STA. 22+00
W-202	CALLE GURULE WATERLINE STA. 22+00 TO STA. 34+50
W-203	CALLE GURULE WATERLINE STA 34+50 TO STA. 47+50
W-204	CALLE GURULE "A" WATERLINE STA. 10+00 TO STA. 16+00
W-205	CRAZY HORSE ROAD WATERLINE STA. 10+00 TO STA. 20+00
W-206	BUFFALO CANYON WATERLINE STA. 10+00 TO STA. 14+00
W-207	51 A & B WATERLINE STA. 10+00 TO STA. 20+00
W-208	CAMINO APOLONIA WATERLINE STA. 10+00 TO STA. 17+50
W-209	CAMINO APOLONIA WATERLINE STA. 17+50 TO STA. 29+00
W-210	CAMINO APOLONIA WATERLINE STA. 29+00 TO STA. 41+50
W-211	GURULE LANE WATERLINE STA. 10+00 TO STA. 20+00
W-212	GURULE LANE WATERLINE STA. 20+00 TO STA. 23+50
W-213	LEAL ROAD WATERLINE STA. 10+00 TO STA. 20+00
W-214	LEAL ROAD WATERLINE STA. 20+00 TO STA. 23+00
W-215	CERRO GURULE WATERLINE STA. 10+00 TO STA. 20+00
W-216	CERRO GURULE WATERLINE STA. 20+00 TO STA. 28+00
W-217	CALLE CANONCITO WATERLINE STA. 10+00 TO STA. 17+00
W-218	CALLE CANONCITO WATERLINE STA. 17+00 TO STA. 24+00
W-219	BROWNE LANE WATERLINE STA. 10+00 TO STA. 14+88
W-220	FOURNIER CT. WATERLINE STA. 10+00 TO STA. 15+00
W-221	RED HILL LANE WATERLINE STA. 10+00 TO STA. 18+50
W-501	MISCELLANEOUS DETAILS
W-502	MISCELLANEOUS DETAILS
REF-1	EXISTING WATER METER MAP (REFERENCE)
REF-2	UTILITY EASEMENTS LOCATION MAP 1
REF-3	UTILITY EASEMENTS LOCATION MAP 2

# MOLZENCORBIN

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

<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:

 Date:
 Date:

 Date:
 Date:

APPROVED BY:	REVIEWED BY: C. TE	N EYCK
DATE: JANUARY 2020		SHEET :
DRAWN BY: MC STAFF		G-002

#### 

GE	ENERAL NOTES
1.	THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO ALL LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THIS PROJECT. THE CONTRACTOR SHALL ADVISE AND SCHEDULE ALL ACCESS CLOSURES, AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE, WITH THE AFFECTED PROPERTY OWNERS AND WITH THE ENGINEER.
2.	THREE WORKING DAYS PRIOR TO ANY EXCAVATION. CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL, INC., 811, FOR LOCATION OF EXISTING UTILITIES.
3.	IN CASE OF AN EMERGENCY, THE PROJECT MANAGER (DAVID MADRID) WILL CONSULT THE CONTRACTOR TO IMMEDIATELY ALLOW ACCESS TO THE EMERGENCY RESPONSE TEAM BY ANY METHOD NECESSARY
	UTILITY COORDINATION
	PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY HIS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPE- LINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING IN ADVANCE OF CONSTRUCTION OPERATIONS, IF OVERHEAD UTILITY LINES SUPPORT STRUCTURES, POLES GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTIONS TO CONSTRUCTION OPERATIONS
	EVIDENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO SEPARATE PAYMENT WILL BE MADE.
	CONTRACTOR IS TO SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE, ELECTRIC CABLES, AND CABLE TELEVISION UTILITIES AT NO ADDITIONAL COST TO THE OWNER. CABLE IS TO BE SUPPORTED EVERY 15' (MINIMUM). CONTRACTOR SHALL COORDINATE WITH AND MAKE NECESSARY PAYMENT (IF ANY) TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLES OR SUPPORT OF CABLES BY THE UTILITY OWNER.
4.	THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
5.	THESE DRAWINGS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
6.	THE CONTRACTOR SHALL COORDINATE ANY WATER SHUT-OFF OPERATION WITH THE UTILITY MANAGER NOT LESS THAN THREE (3) WORKING DAYS PRIOR TO INITIATING ANY WORK AFFECTING EXISTING WATER UTILITIES. WATER SERVICE SHUT-OFF SHALL BE LIMITED TO FOUR (4) HOURS.
7.	REMOVE AND REPLACE EXISTING SIGNAGE, MAILBOXES, AND OTHER MINOR OBSTRUCTIONS AS NEEDED. THIS WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, AND NO SEPARATE PAYMENT WILL BE MADE, UNLESS NEW SIGNS ARE CALLED OUT.
8.	THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF "RECORD DRAWINGS" FOR THIS PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN TWO (2) WEEKS, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE ENGINEER THROUGHOUT THIS PROJECT AND WILL BE REVIEWED BY THE ENGINEER FOR ACCURACY AND COMPLE- TENESS AT A MINIMUM OF ONCE EVERY THIRTY (30) DAYS. THE FINAL "RECORD DRAWINGS" SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FINAL PAYMENT.
9.	THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL ASPHALT PAVEMENT REMOVED ON THIS PROJECT AND NOT OTHERWISE BLENDED INTO BASE COURSE, AS DIRECTED BY THE OWNER, BY EITHER: - HAULING TO AN APPROVED LANDFILL IN ACCORDANCE WITH THE REGULATIONS OF THE NEW MEXICO SOLID WASTE ACT; OR
	- THE CONTRACTOR SHALL SAW CUT AND REMOVE EXISTING ASPHALT PAVEMENT AS INDICATED ON PLANS AND STOCKPILE MATERIAL TO A LOCATION DESIGNATED BY THE OWNER. THIS WORK SHALL BE CONSIDERED INCIDENTAL AND NO SEPARATE PAYMENT SHALL BE MADE.
10.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEANUP OF SPILLS WHICH ARE ASSOCIATED WITH THIS PROJECT'S CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIAL SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, AND ANY OTHER MATERIALS WHICH MAY BE CONSIDERED A THREAT TO THE PUBLIC HEALTH OR THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPORTING OF ANY PAST SPILLS WHICH WERE ENCOUNTERED DURING THIS PROJECT'S CONSTRUCTION AND OF ANY CURRENT SPILLS NOT ASSOCIATED WITH THIS PROJECT'S CONSTRUCTION. THESE REPORTS SHALL BE MADE IMMEDIATELY TO THE NEW MEXICO ENVIRONMENTAL DEPARTMENT'S EMERGENCY RESPONSE TEAM AT 505-827-9329 AND TO THE ENGINEER.
11.	LINEAR GRADING SHALL INCLUDE ALL GRADING ADJACENT TO THE ROADWAY AND AS REQUIRED TO TRANSITION AND TIE-IN EXISTING DRIVEWAYS WITH LIKE MATERIALS. NO ADDITIONAL PAYMENT WILL BE MADE.
12.	CONTRACTOR SHALL BE RESPONSIBLE FOR BALANCING EARTHWORK DURING CONSTRUCTION BY HAULING AND DISPOSING OF EXCESS AND/OR UNSUITABLE MATERIAL AND IMPORTING CLEAN FILL AS NEEDED.
13.	CONTRACTOR SHALL PROVIDE A VIDEO OF EXISTING ROAD CONDITIONS, AND IS RESPONSIBLE FOR ANY DAMAGE DONE TO EXISTING ROADWAY.
14.	DISTURBANCE OF EXISTING VEGETATION MUST BE AVOIDED WHERE EVER POSSIBLE. CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DISTURBED AND/OR DAMAGED VEGETATION AND WILL REPLACE AT ITS OWN EXPENSE.
15.	CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS REGARDING RELOCATION OF MAILBOXES, FENCES, LANDSCAPE FEATURES, ETC
16.	CONTRACTOR SHALL COORDINATE WITH U.S. POSTAL SERVICE CARRIER TO ENSURE THAT MAIL DELIVERY IS NOT INTERRUPTED DURING CONSTRUCTION.
17.	CONTRACTOR SHALL COORDINATE WITH GARBAGE PICKUP PERSONNEL TO ENSURE THAT GARBAGE PICKUP IS NOT INTERRUPTED DURING CONSTRUCTION.
18.	CONTRACTOR SHALL CONSTRUCT THE PROJECT PER THE TECHNICAL SPECIFICATIONS IN THE CONTRACT DOCUMENTS. A COPY OF THE TECHNICAL SPECIFICATIONS MAY BE OBTAINED FROM THE PROJECT ENGINEER. THE TECHNICAL SPECIFICATIONS INCLUDE THE FOLLOWING: 1. CSI TECHNICAL SPECIFICATIONS 2. SANTA FE COUNTY ORDINANCE 2003-01 AN ORDINANCE REGULATING PROCEDURES FOR WORKING IN, DISTURBING AND REPAIRING COUNTY PROPERTY AND RIGHTS-OF-WAY. 3. NMDOT SPECIFICATIONS.

	PUBLIC	UTILITY CONTACTS		
CABLE TV	COMCAST	2534 CAMINO ENTRADA, S.F., N.M.	1-505-474-7886	DAVE AIKIN
TELECOMMUNICATIONS	CENTURYLINK	2701 SAWMILL ROAD, S.F., N.M.	1-505-425-9345	LORENZO LUJAN
ELECTRIC	PNM	4645 STATE HWY 14, S.F., N.M.	1-505-473-3279	DON FERRIS
GAS	GAS CO. of N.M.	6 FOREST LANE, S.F., N.M.	1-505-470-0668	FRANK ARAGON
SEWER/WATER/STORM/SWPPP	S.F. CO. UTILITIES	P.O. BOX 276, S.F., N.M.	1-505-470-3441	DAVID MADRID
SANTA FE COUNTY			1-505-992-9870	LEROY ALVARADO
CANONCITO MUTUAL DOMESTIC WATER			1-505-913-0685	RUDY MARTINEZ

#### WATERLINE CONSTRUCTION

4.

7.

5.

8.

ALL WATER LINE AND FITTING MATERIALS AND THEIR INSTALLATION SHALL COMPLY WITH THE AMERICAN WATERWORKS ASSOCIATION (AWWA) STANDARDS, THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, (NMAPWA) 2006 EDITION, OR SUBSEQUENT REVISIONS, AND THE SANTA FE COUNTY WATER UTILITY CONSTRUCTION STANDARD AND SPECIFICATIONS MANUAL, UNLESS OTHERWISE INDICATED ON THESE DRAWINGS. WHEN CONFLICT ARISES AMONG THESE, THE LATTER SHALL PREVAIL.

LOCATION OF LINES AND FITTINGS SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN ON THESE DRAWINGS.

UNLESS OTHERWISE INDICATED ON THESE DRAWINGS, PIPELINES AND ALL APPURTENANT FITTINGS SHALL BE DUCTILE IRON, PVC C-900, WITH CLASS-D BEDDING OR BETTER. MECHANICAL OR MEGALUG (R) JOINTS, OR THERMAL FUSION JOINING RESPECTIVELY (HDPE). EXCAVATION SHALL BE PROPERLY MADE TO ACCOMMODATE THE PIPE'S BELL ENDS AS NECESSARY. WATERLINES SHALL BE 6" DIAMETER OR LARGER. ALL WATER LINES SHALL BE INSTALLED IN THEIR OWN TRENCH, WITH NO OTHER UTILITIES IN THE TRENCH, BURIED UNDER A MINIMUM 48 INCHES OF COMPACTED BACKFILL.

WHEN CROSSING, WATER LINES SHALL ALWAYS BE ABOVE SEWER LINES, AND A MINIMUM 18-INCH CLEARANCE SHALL BE ALLOWED BETWEEN THE BOTTOM OF THE WATER LINE AND THE TOP OF ANY SANITARY SEWER, UNLESS SPECIAL CROSSING PROVISIONS ARE SHOWN ON THESE DRAWINGS.

6. TYPICAL HORIZONTAL SEPARATION BETWEEN WATER LINES AND ANY SANITARY SEWER LINE SHALL BE MINIMUM 10 FEET, AND SEPARATE THRENCHES SHALL BE EXCAVATED IN ALL CASES.

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DISINFECTION AND PRESSURE TESTING OF ALL NEW WATER LINES, IN ACCORDANCE WITH AWWA STANDARDS. COUNTY UTILITY PERSONNEL SHALL BE PRESENT DURING SUCH TESTING, AND AN INSPECTION REPORT SHALL BE SUBMITTED BY THE CONTRACTOR TO THE COUNTY UTILITIES PRIOR TO FINAL ACCEPTANCE OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE COUNTY UTILITY STAFF FOR THEIR PRESENCE DURING FIELD TESTING OF LINES. BACTERIA TEST RESULTS OVER 30 DAYS OLD, BY THE COMPLETION OF THE PROJECT SHALL BE RETESTED AT NO ADDITIONAL EXPENSE TO THE OWNER.

8. ALL VALVES 12" DIAMETER OR SMALLER SHALL BE FULL-PORT GATE TYPE, RESILIENT SEATING, MECHANICAL OR MEGALUG (R) JOINTS, PIPE, AND INSTALLED IN COMPLIANCE WITH THE COUNTY WATER SYSTEM DETAILS.

9. UPON COMPLETION ONE VALVE SHALL BE TIED TO ONE OR MORE OF THE SANTA FE COUNTY'S PERMANENT SURVEY MONUMENTS, (OR OTHER VISIBLE WATER FEATURES OR FIXTURES) SUCH AS FIRE HYDRANTS AND WATER METERS WITH DISTANCES BETWEEN ALL FITTINGS AND APPURTENANCES PROVIDED AS REQUIRED IN THE UTILITY DEPARTMENTS CONSTRUCTION STANDARDS AND SPECIFICATIONS MANUAL. THE WORK SHALL BE PERFORMED BE A REGISTERED NEW MEXICO LICENSED SURVEYOR, OR ENGINEER WITH INFORMATION PROVIDED BY THE CONTRACTOR. 10. ALL FIRE HYDRANTS SHALL BE SUPPLIED WITH NFP CONNECTORS, AND NUMBERED (NUMBER SUPPLIED BY THE COUNTY FIRE DEPARTMENT). HYDRANTS SHALL BE INSTALLED TO ALLOW A MINIMUM HORIZONTAL CLEARANCE OF 3-FEET ALL AROUND THEM.

11. WATER SERVICE CONNECTIONS AND METERS SHALL BE 1-INCH MINIMUM DIAMETER FOR LOTS THAT WILL BE THE SITE FOR RESIDENTIAL BUILDINGS EQUIPPED WITH FIRE SUPPRESSION SYSTEMS. OTHERWISE, CONNECTIONS AND METERS SHALL BE STANDARD 5/8 INCH DIAMETER. METER SETTERS SHALL BE PER STANDARD REQUIRED IN SANTA FE COUNTY UTILITY DEPARTMENT'S CONSTRUCTION STANDARDS AND SPECIFICATIONS MANUAL. METERS SHALL BE NEPTUNE MACH 10 WITH E-CODE, R-9001 REGISTER AND RADIO TRANSMITTER.

12. LOCATE WIRES SHALL BE INSTALLED ON ALL WATER LINES. THE LOCATE WIRE MUST BE VISIBLE IN ALL VALVE VAULTS, MANHOLES OR OTHER ACCESS STRUCTURES. THIS WILL BE VERIFIED DURING THE PRELIMINARY INSPECTION PRIOR TO PAVING. THE LOCATE WIRE SHALL BE A CONTINUOUS 12 GAUGE, SOLID STRAND INSULATED COPPER WIRE. SPLICES OF THE LOCATE WIRE SHALL FOLLOW THE SPECIFICATIONS IN THE SANTA FE COUNTY UTILITY DEPARTMENT'S CONSTRUCTION STANDARDS AND SPECIFICATIONS MANUAL. 13. BLUE CARSONITE MARKERS WITH SFCU I.D. STICKERS ARE REQUIRED ON ALL VALVES AND APPURTENANCES, AND EVERY 300 FEET ALONG PIPELINES THAT ARE NOT IN ROADWAY.

#### DRY UTILITIES

SHADING AND BEDDING MATERIAL SHALL BE TYPE IV. CLASS 1 FOR DIRECT BURY CABLE, AND TYPE IV. CLASS 2 FOR CABLE IN CONDUIT. TYPE 111 MATERIAL SHALL BE CONSIDERED SUITABLE FOR EITHER TYPE OF INSTALLATION. 2. IF TRENCH-RUN MATERIAL MEETS BACKFILL MATERIAL REQUIREMENTS, 3-INCH BEDDING MAY BE OMITTED, PROVIDED THAT THE TRENCH BOTTOM IS SMOOTH, FLAT, AND WITHOUT SURFACE IRREGULARITIES.

SEPARATION BETWEEN JACKETED PRIMARY AND COMMUNICATION CABLES SHALL BE AT LEAST 12 INCHES. 4. WARNING TAPE SHALL BE PLACED A MINIMUM 12 INCHES ABOVE THE UPPER LEVEL OF UTILITIES AT THE CENTER OF THE TRENCH.

5. DRY UTILITY REQUIREMENTS SPECIFIED BY THE RESPECTIVE UTILITY SHALL BE FOLLOWED.

ENVIRONMENTAL EROSION AND SEDIMENT CONTROL REQUIREMENTS

1. THE CONTRACTOR SHALL SUBMIT TO THE PROJECT MANAGER AND OR OWNER'S PROJECT REPRESENTATIVE(OPR) A SWPPP PLAN THAT COMPLIES WITH THE 2012 CONSTRUCTION GENERAL PERMIT AND SUBSEQUENT REVISIONS. AT A MINIMUM, ALL AREAS DENUDED AND/OR DISTURBED BY CONSTRUCTION TRAFFIC SHALL BE SPRAYED WITH WATER ON A DAILY BASIS TO

CONTROL DUST GENERATION. ADDITIONAL WATER SHALL BE APPLIED ON WINDY DAYS AS NEEDED OR AS REQUIRED BY SANTA FE COUNTY. AS SOON AS FINAL GRADES ARE ACHIEVED, AND PROPER CLIMATIC CONDITIONS PREVAIL, NATIVE GRASS SEEDS SHALL BE APPLIED. CONTRACTOR SHALL PERFORM THIS ACTIVITY IN CONFORMANCE WITH THE APPROVED TERRAIN MANAGEMENT PLAN FOR SEED MIX DETAILS, AS WELL AS APPLICATION AND CARE METHODOLOGY.

GRAVEL BAGS AND OTHER EPA APPROVED DEVICES SHALL BE INSTALLED AROUND DROP INLET GRATES IMMEDIATELY AFTER THEIR INSTALLATION TO PREVENT SEDIMENT FROM ENTERING THE STORM WATER SYSTEM. SEDIMENT DEPOSITED AROUND GRAVEL BAGS AND OTHER EPA APPROVED DEVICES SHALL BE SWEPT AND REMOVED IMMEDIATELY UPON DEPOSITION.

SILT FENCES OR WADDLES MEETING EPA REQUIREMENTS FOR SEDIMENT CONTROL SHALL BE INSTALLED AT ALL SLOPES IN STRICT ACCORDANCE WITH SWPPP PLAN.

CONTRACTOR SHALL DISPOSE OF ITEMS DESIGNATED FOR REMOVAL WITHOUT SALVAGE WHICH ARE LINSUITABLE FOR USE AS CONSTRUCTION MATERIALS IN THIS PROJECT. DISPOSAL SHALL BE PERFORMED IN AN ENVIRONMENTALLY SOUND SITE, SECURED BY THE CONTRACTOR IN CLOSE COORDINATION WITH THE APPROPRIATE REGULATORY AGENCIES. CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER AND OR OPR, IN WRITING, OF ANY RELEVANT DETAILS IN CONNECTION WITH THE DISPOSAL OPERATIONS. 7. BORROW MATERIAL, CONSTRUCTION WASTE, VEGETATIVE DEBRIS, ETC SHALL NOT BE PLACED IN WETLAND AREAS ARROYOS, OR ANY AREAS

ENDANGERED SPECIES, OR HABITAT RESOURCES MAY BE AFFECTED. BORROW AREAS NOT CONTIGUOUS TO THE PROJECT SITE SHALL BE SHOWN IN THE SWPPP.

CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP SPILLS ASSOCIATED WITH THE PROJECT'S CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL REPORT AND PROPERLY RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OIL, SOLVENTS, TOXIC AND CORROSIVE SUBSTANCES, AND OTHER MATERIALS WHICH MAY REPRESENT A THREAT TO THE HEALTH AND WELFARE OF HIS WORKERS, THE GENERAL PUBLIC OR THE ENVIRONMENT, CONTRACTOR SHALL REPORT EVIDENCE OF PAST SPILLS ENCOUNTERED DURING CONSTRUCTION, OR PRESENT SPILLS NOT ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT. REPORTS SHALL BE MADE IMMEDIATELY TO THE PROJECT MANAGER AND OR OPR AND THE APPROPRIATE STATE AGENCY RESPONSIBLE FOR THE EMERGENCY RESPONSE. CLEAN UP OF ANY UNREPORTED SPILLS THAT MAY HAVE OCCURRED DURING THE CONSTRUCTION OF THIS PROJECT, IDENTIFIED AFTERWARDS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. 9. ALL WORK PERFORMED IN THE VICINITY OF EXISTING STREAMS, WATER IMPOUNDMENTS, WETLANDS OR IRRIGATION WATER SOURCES SHALL BE PERFORMED IN SUCH A MANNER AS TO MINIMIZE VEGETATION DAMAGE OR REMOVAL, AS WELL AS ANY SOIL EROSION. CONSTRUCTION EOUIPMENT'S CROSSINGS OF EXISTING STREAMS, WHETHER THE STREAMS ARE EPHEMERAL OR PERENNIAL SHALL BE MINIMIZED, AND IN

COMPLIANCE WITH THE CLEAN WATER ACT (CWA), USACE 404, OR OTHER FEDERAL PERMIT REQUIREMENTS. 10. ALL WORK PERFORMED IN A FLOOD PLAIN SHALL COMPLY WITH THE SANTA FE COUNTY FLOOD PLAIN ORDINANCE.

11. RE-FUELING OPERATIONS AND CONCRETE DUMPING IN THE VICINITY OF ANY BODY OF WATER SHALL BE STRICTLY PROHIBITED.

12. CONTRACTOR SHALL COORDINATED WITH PROJECT ENGINEER TO AVOID DISTURBANCE OF NESTING AREAS IDENTIFIED IN THE PROJECT BIOLOGICAL **REPORT AS REQUIRING PROTECTION.** 

13. CONTRACTOR SHALL CONTACT JOH GRIEGO, COMPLIANCE OFFICER AT THE CITY OF SANTA FE (505) 955-6516 TO OBTAIN A DUST CONTROL PERMIT.

#### NMDOT NOTES

- HIGHWAY AND BRIDGE CONSTRUCTION AND TO THE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.
- MINIMUM.
- 3. CONSTRUCTION
- 4. ALL TEMPORARY TRAFFIC CONTROL ASSOCIATED WITH WORK IN NMDOT RIGHT-OF-WAY MUST FULLY MEET THE

#### LEGEND

TO MAP-21

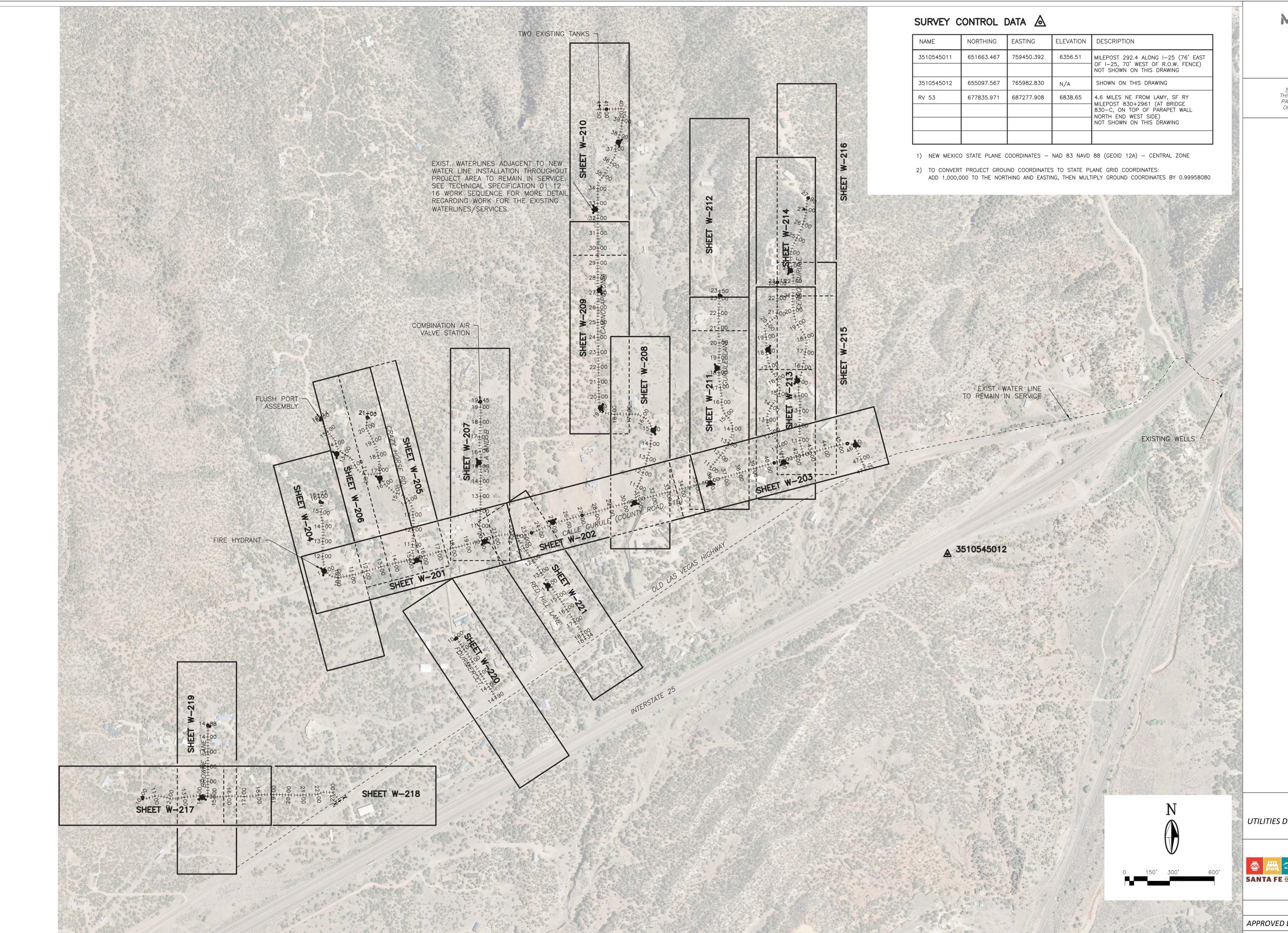
—	WATER METER
	GATE VALVE
	FIRE HYDRANT ASSEMBLY
<del> </del>	TEE
⊕ТВ	TEST BORE

#### ABBREVIATIONS

LUM	ALUMINUM
V	AIR VALVE
WWA	AMERICAN WATER WORKS ASSOCIATION
AV	COMBINATION AIR VALVE
MP	CORRUGATED METAL PIPE
IP	DUCTILE IRON PIPE
РСО	DOUBLE PRESSURE CLEANOUT
R	DIAMETER RATIO
Г	FOOT
=	LINEAR FEET
DE	LIMIT OF EXCAVATION
IJ	MECHANICAL JOINT
MDOT	NEW MEXICO DEPARTMENT OF TRANSPORTATION
TS	NOT TO SCALE
	DIAMETER
PR	OWNER'S PROJECT REPRESENTATIVE
G	PAGE
RV	PRESSURE REDUCING VALVE
VC	POLYVINYL CHLORIDE
OW	RIGHT OF WAY
FCO	SANTA FE COUNTY
ΤΑ	STATION
/L	WATERLINES

2701 Miles Road SE Albuquerque, New Mexico 87106 505 242 5700 office 505 242 0673 fax 1. WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE NMDOT'S STANDARD SPECIFICATIONS FOR MolzenCorbin.com 2. WORK SHALL BE PERFORMED SO THAT DANGER, INCONVENIENCE, AND DELAY TO THE TRAVELING PUBLIC IS HELD TO A NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION PLANS TO PROTECT AND HANDLE TRAFFIC DURING CONSTRUCTION SHALL BE SUBMITTED FOR REVIEW TO NMDOT PRIOR TO OF AN UNDISPUTED REQUEST FOR PAYMENT REQUIREMENTS OF THE NEW MEXICO DEPARTMENT OF TRANSPORTATION (NMDOT) DISTRICT 1 AND DISTRICT 5. 5. STEEL, IRON, AND MANUFACTURED PRODUCTS SHALL BE IN COMPLIANCE WITH BUY AMERICA FOR THIS PROJECT PURSUANT CONTROL POINT COMBINATION AIR VALVE ONAL S REVISION DATE: BY: SYMBOL SANTA FE COUNTY UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507 PROJECT NAME: CANONCITO REGIONAL WATER SYSTEM IMPROVEMENTS - PHASE II SANTA FE COUNTY CONSTRUCTION NOTES AND PUBLIC UTILITY CONTACTS **REVIEWED BY:** C. TEN EYCK APPROVED BY: DATE: JANUARY 2020 SHEET DRAWN BY: MC STAFF G-003

MOLZENCORBIN



<u> </u>

EASTING	ELEVATION	DESCRIPTION
759450.392	6356.51	MILEPOST 292.4 ALONG I–25 (76' EAST OF I–25, 70' WEST OF R.O.W. FENCE) NOT SHOWN ON THIS DRAWING
765982.830	N/A	SHOWN ON THIS DRAWING
687277.908	6838.65	4.6 MILES NE FROM LAMY, SF RY MILEPOST 830+2961 (AT BRIDGE 830–C, ON TOP OF PARAPET WALL NORTH END WEST SIDE) NOT SHOWN ON THIS DRAWING

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

<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:

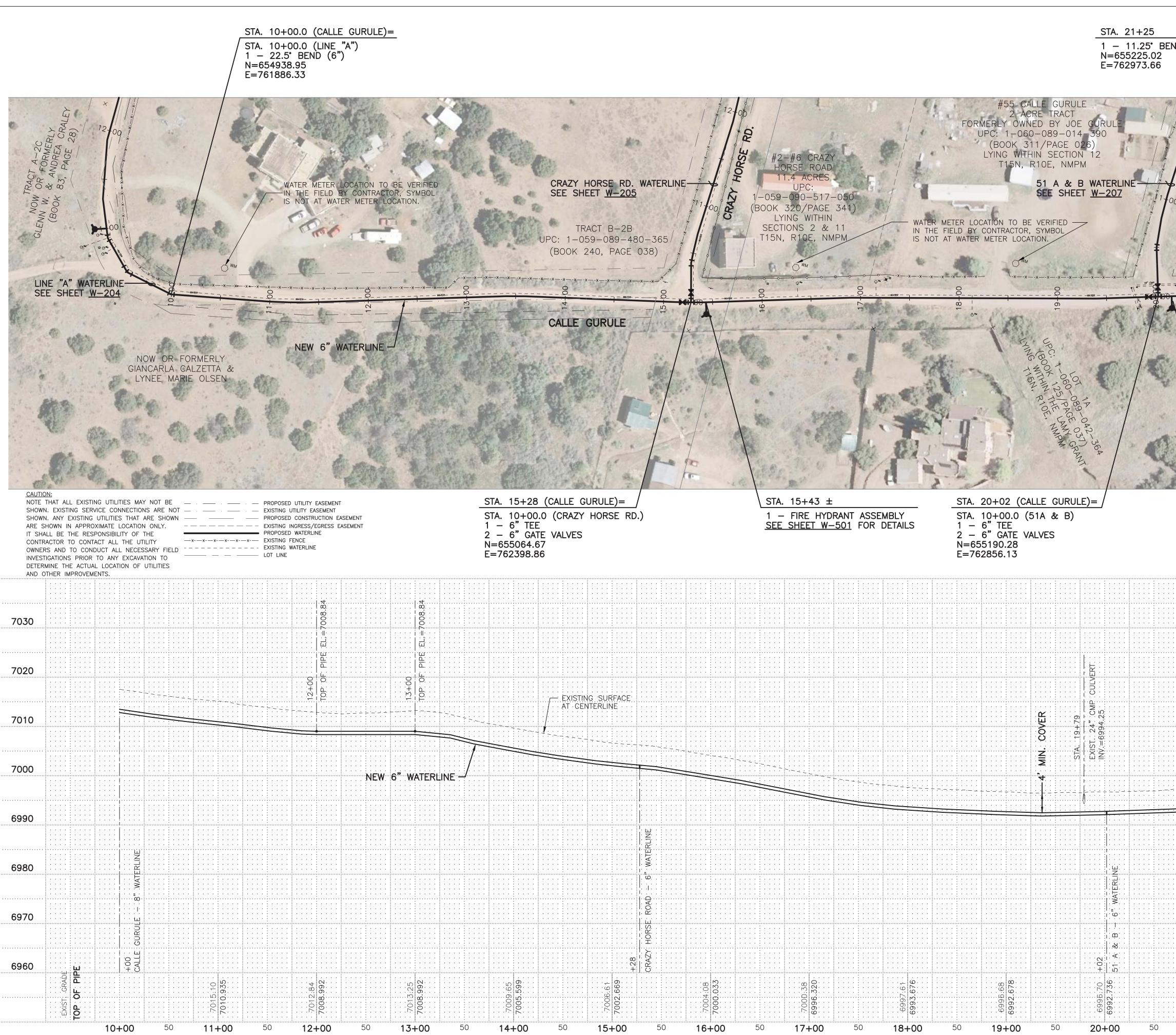
SANTA FE COUNTY

UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

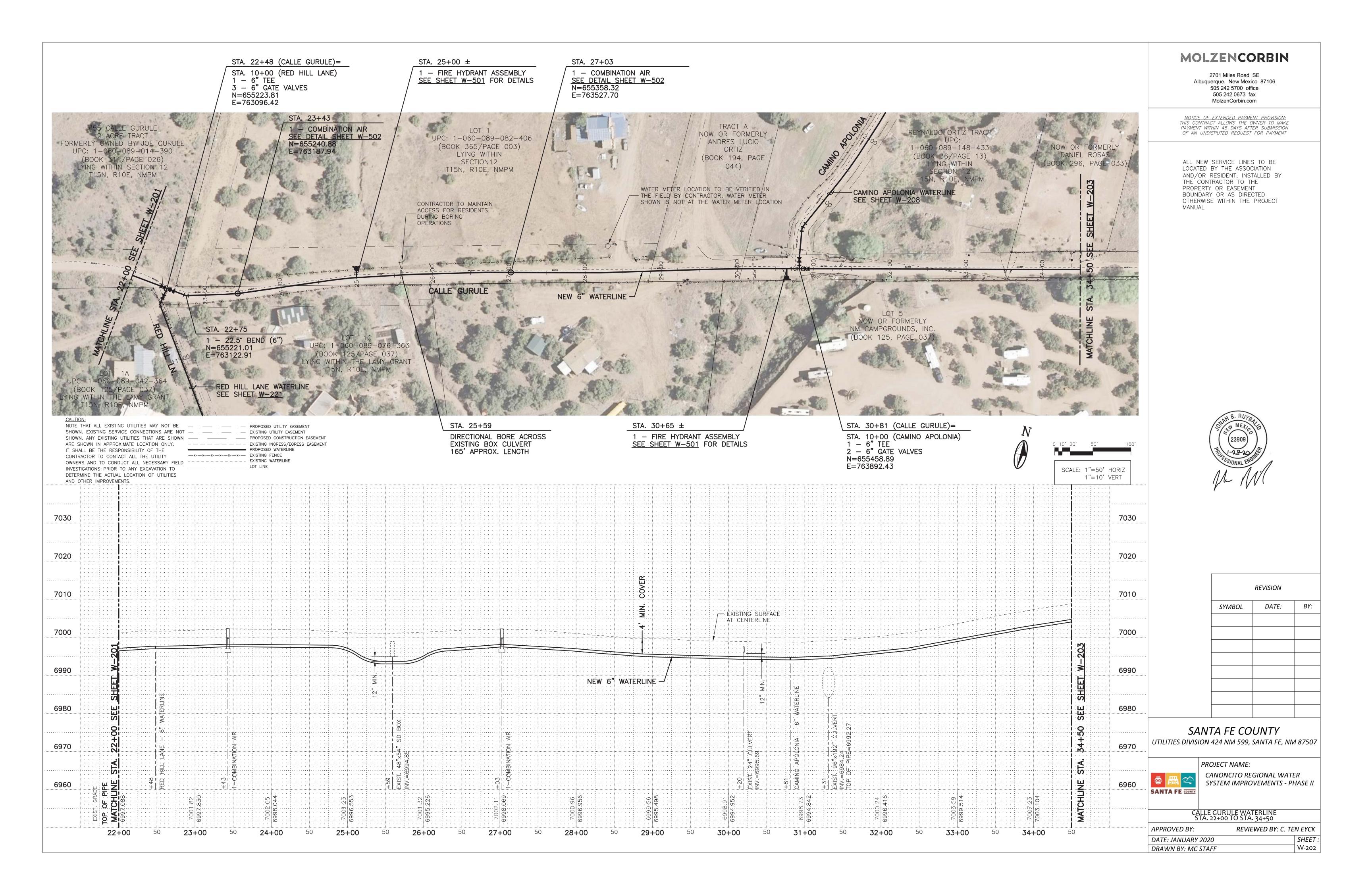
FE COUNTY	PROJECT NAME: CANONCITO REGIONAL WATER SYSTEM IMPROVEMENTS - PHASE II

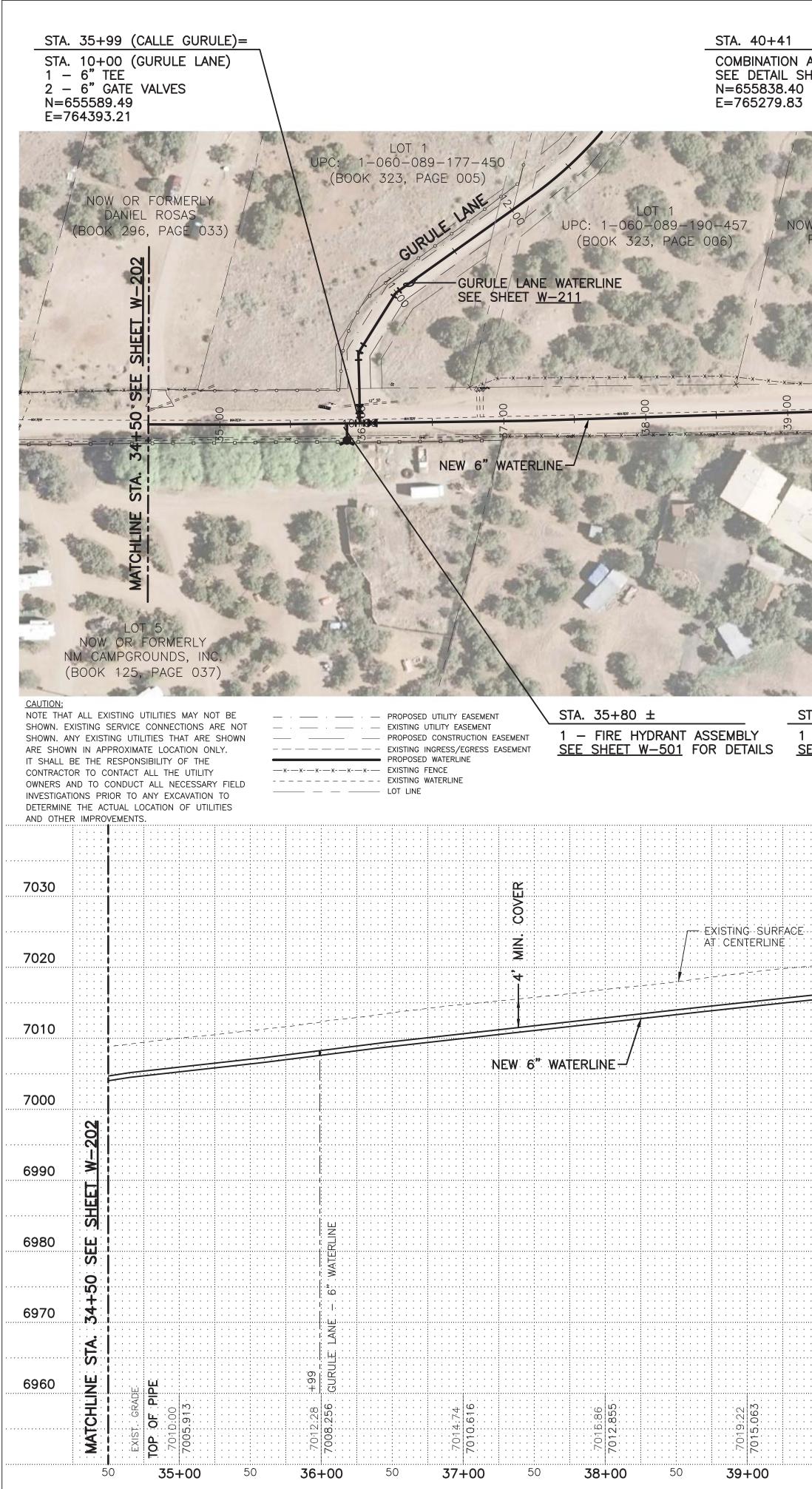
PROJECT LOCATION MAP

REVIEWED BY: C. TEN EYCK APPROVED BY: DATE: JANUARY 2020 SHEET : DRAWN BY: MC STAFF W-101

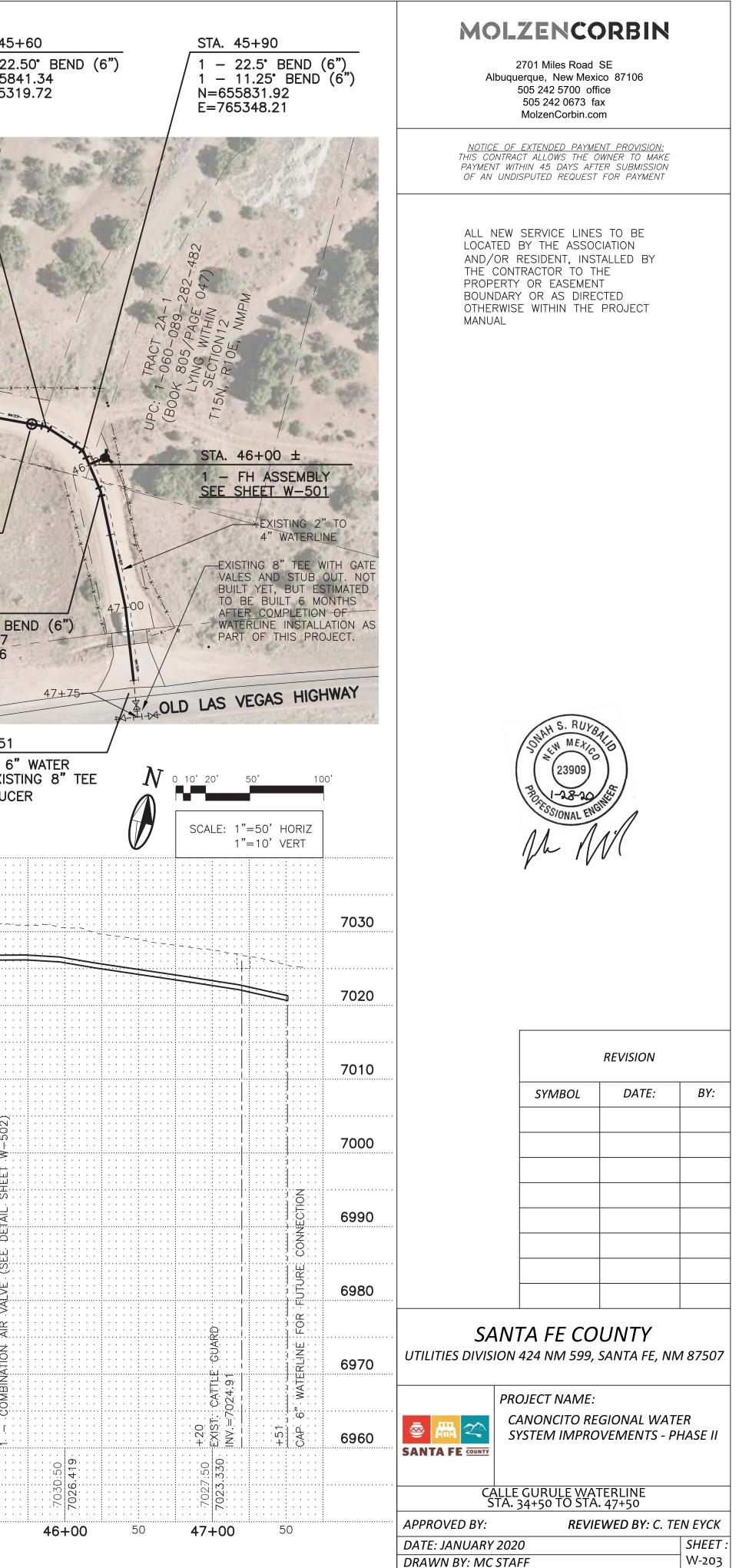


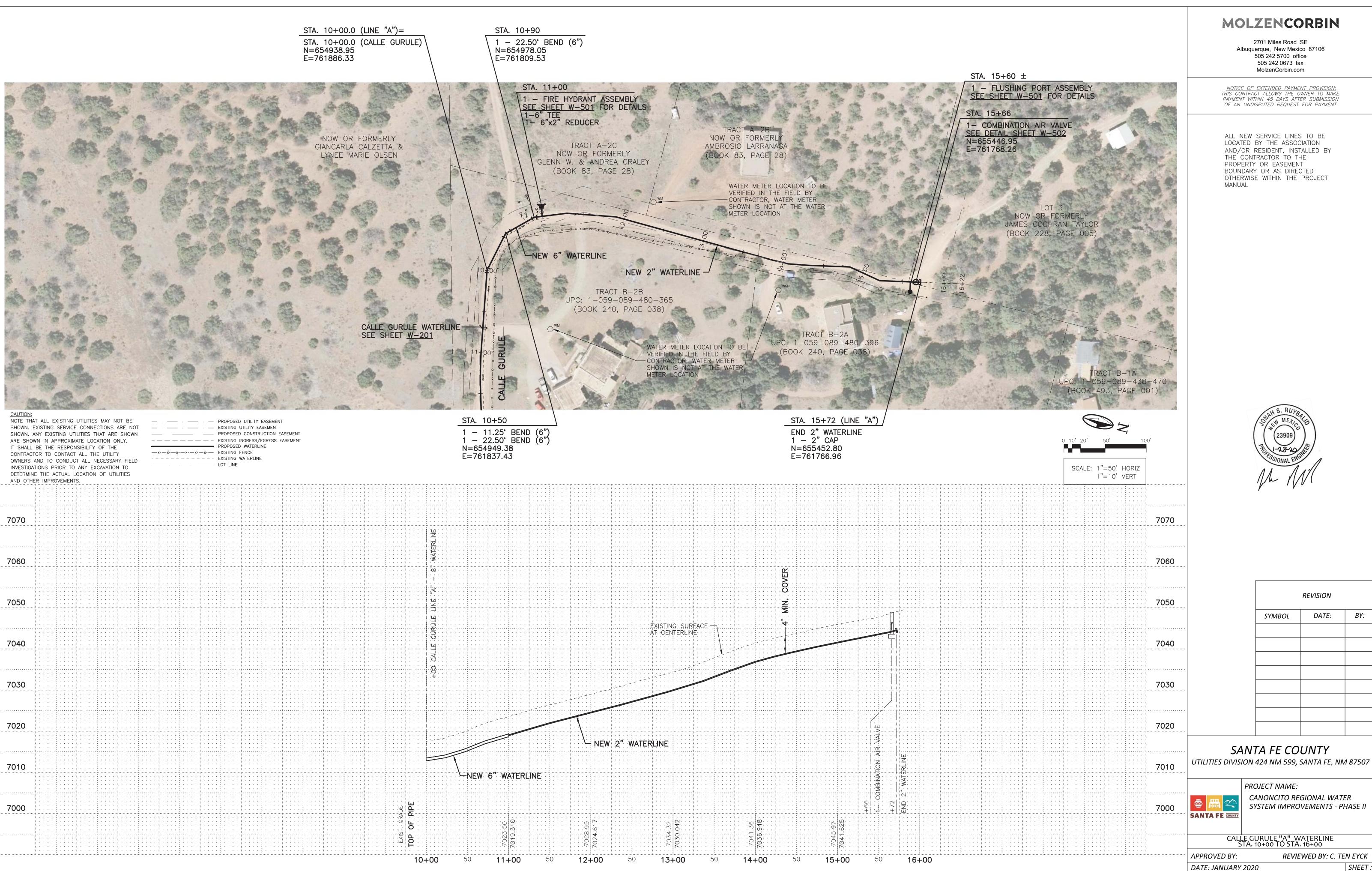
END (6")	STA. 21+85 1 - 11.25° BEND (6") N=655230.47 E=763033.41	2701 Miles Road SE Albuquerque, New Mexico 87106 505 242 5700 office 505 242 0673 fax MolzenCorbin.com
//* <sup>12+00</sup> /	#49 CALLE GURULE UPC: 1-060-089-042-528 LYING WITHIN SECTION 12 T15N, R10E, NMPM	NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT
	NO DEED FOUND)	ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL
N	t DRANT ASSEMBLY M-501 FOR DETAILS 0 10' 20' 50' 100' SCALE: 1"=50' HORIZ 1"=10' VERT	$ \begin{array}{c} SNAH S. RUYBAR SNAH S$
	7030	
		REVISION
	7010	SYMBOL DATE: BY:
	 7000	
	6990	
	6980 5 0 + 5 6970	SANTA FE COUNTY UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507
611-100 50 50 50	6960 WATCHLINE 22+00	PROJECT NAME:         CANONCITO REGIONAL WATER         SANTA FE COUNTY         CALLE GURULE WATERLINE         STA. 10+00 TO STA. 22+00         APPROVED BY:         REVIEWED BY: C. TEN EYCK
		DATE: JANUARY 2020         SHEET :           DRAWN BY: MC STAFF         W-201





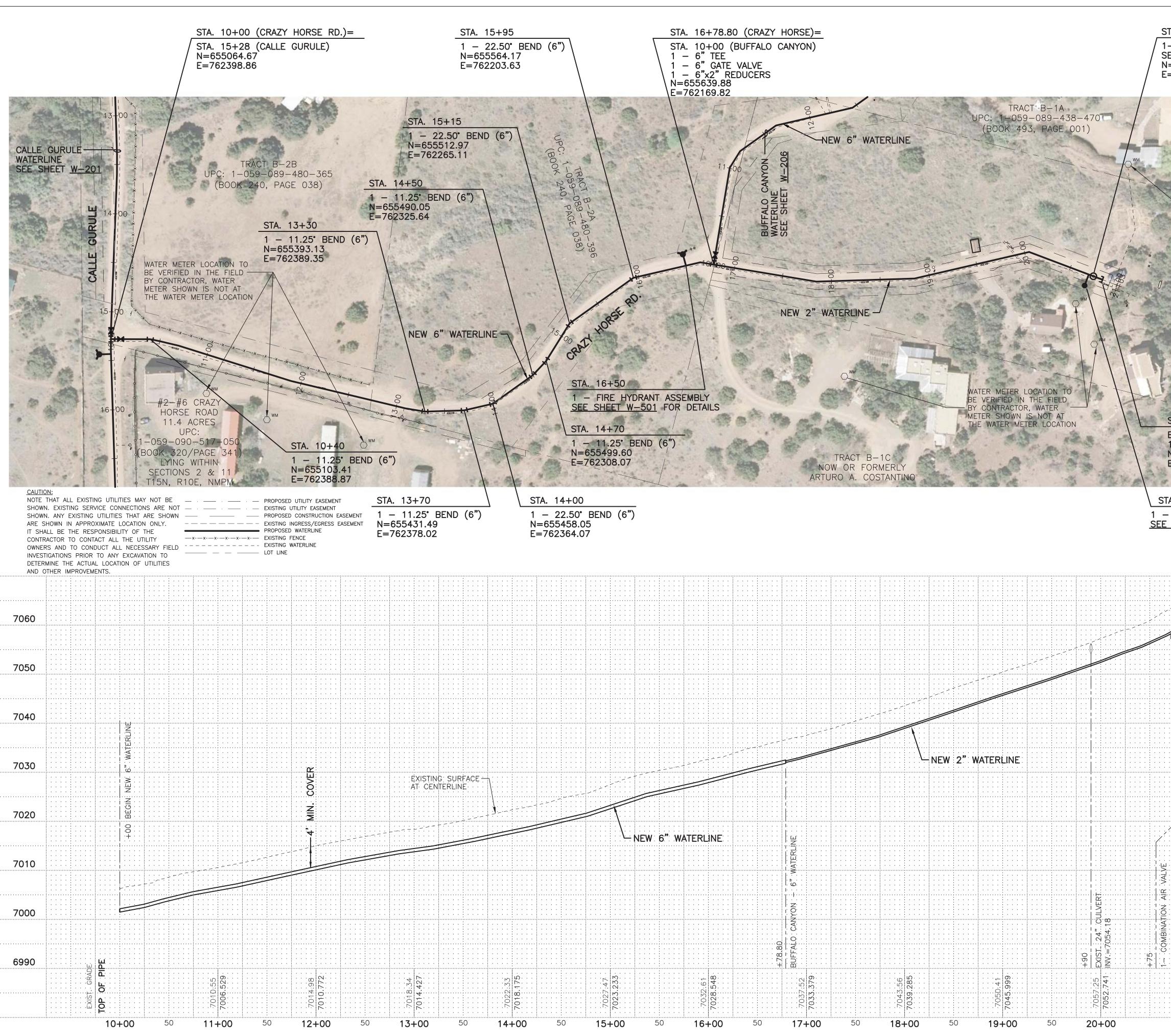
AIR SHEET W-502 W OR FORMERLY PHILLIP S. & CHRISTOPH MONTOYA DOCUMENT #1433684 LEAL ROAL SEE SHEET CALLE GURUL EXISTING		UPC: (BO	ERRO GURULE WATERLINE ERRO GURULE WATERLINE MURAN	N=65584 E=765319
STA. 41+00 ± 1 – FIRE HYDRANT ASS SEE SHEET W–501 FOR	RDETAILS	STA. 42+45 (CALLE STA. 10+00 (CERRO 1 - 6" TEE 2 - 6" GATE VALVE N=655765.14 E=765015.04	GURULE)= GURULE)	STA. 47+51 END NEW 6" TIE TO EXISTIN WITH REDUCER
	<pre>#0+58 #</pre>			
$\cdot$	45° VERT. BEND 7022:71 7018.751 +11 IEAL ROAD 6° WATERLINE	7024:56 7020.561 +45 CERRO GURULE – 6" WATERLINE 7026:58 7022.551	7028:29 7024.244	7030.27 7026.072 +50 1 - COMBINATION AIR VALVE (SEE DETAIL SHEET W+502)





W-204

DRAWN BY: MC STAFF



STA. 20+75 1- COMBINATION AIR VALVE SEE DETAIL SHEET W-502 N=656017.39 E=762083.39

> WATER METER LOCATION TO BE VERIFIED IN THE FIELD BY CONTRACTOR, WATER METER SHOWN IS NOT AT THE WATER METER LOCATION

#### MOLZENCORBIN

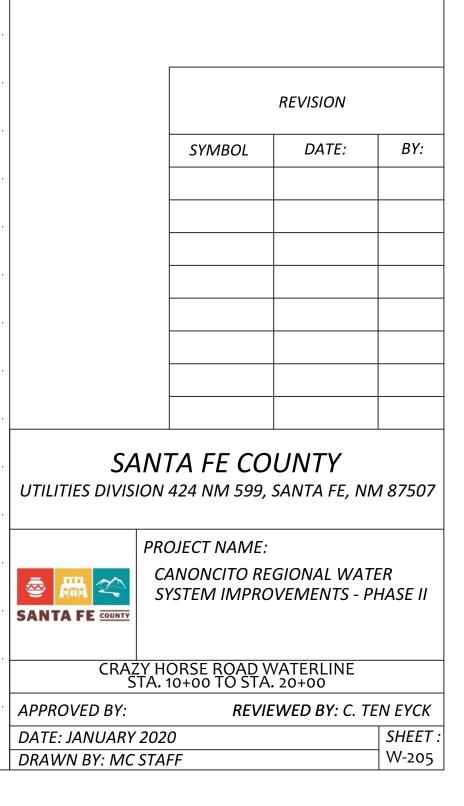
2701 Miles Road SE Albuquerque, New Mexico 87106 505 242 5700 office 505 242 0673 fax MolzenCorbin.com

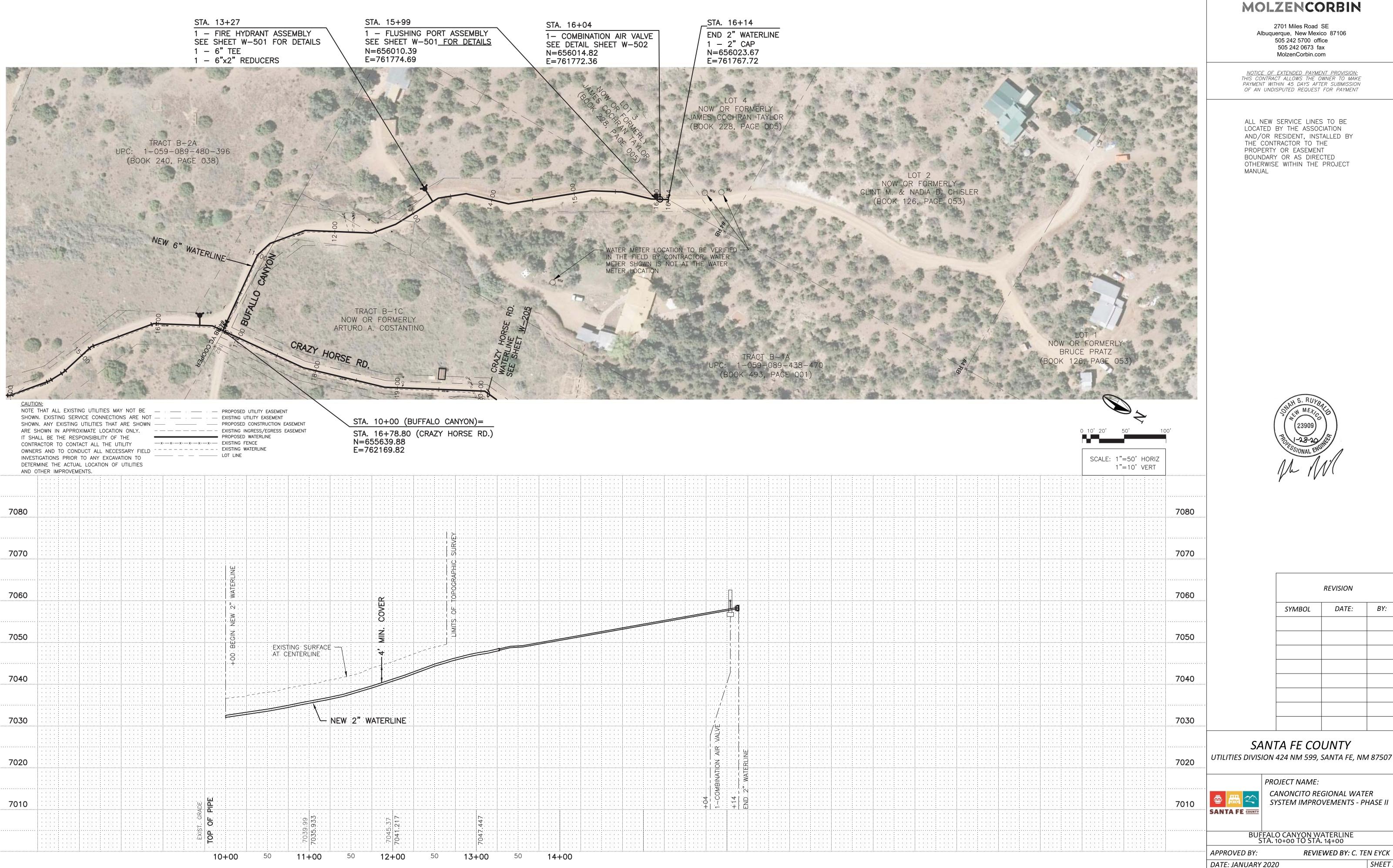
<u>NOTICE OF EXTENDED PAYMENT PROVISION:</u> THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT

ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL



	TRACT B-1B -059-089-478-473 OOK 83, PAGE 28)
1 – 2" CAP N=656027.33 E=762084.43	
TA. 20+70 ± - FLUSHING PORT ASSEI SHEET W-501	MBLY 0 10' 20' 50' 100'
	SCALE: 1"=50' HORIZ 1"=10' VERT
	7060
	7050
	7040
	7030
	7020
	7010
	7000
2. 2." WATERLINE	7000
5.44 END	6990
7065	

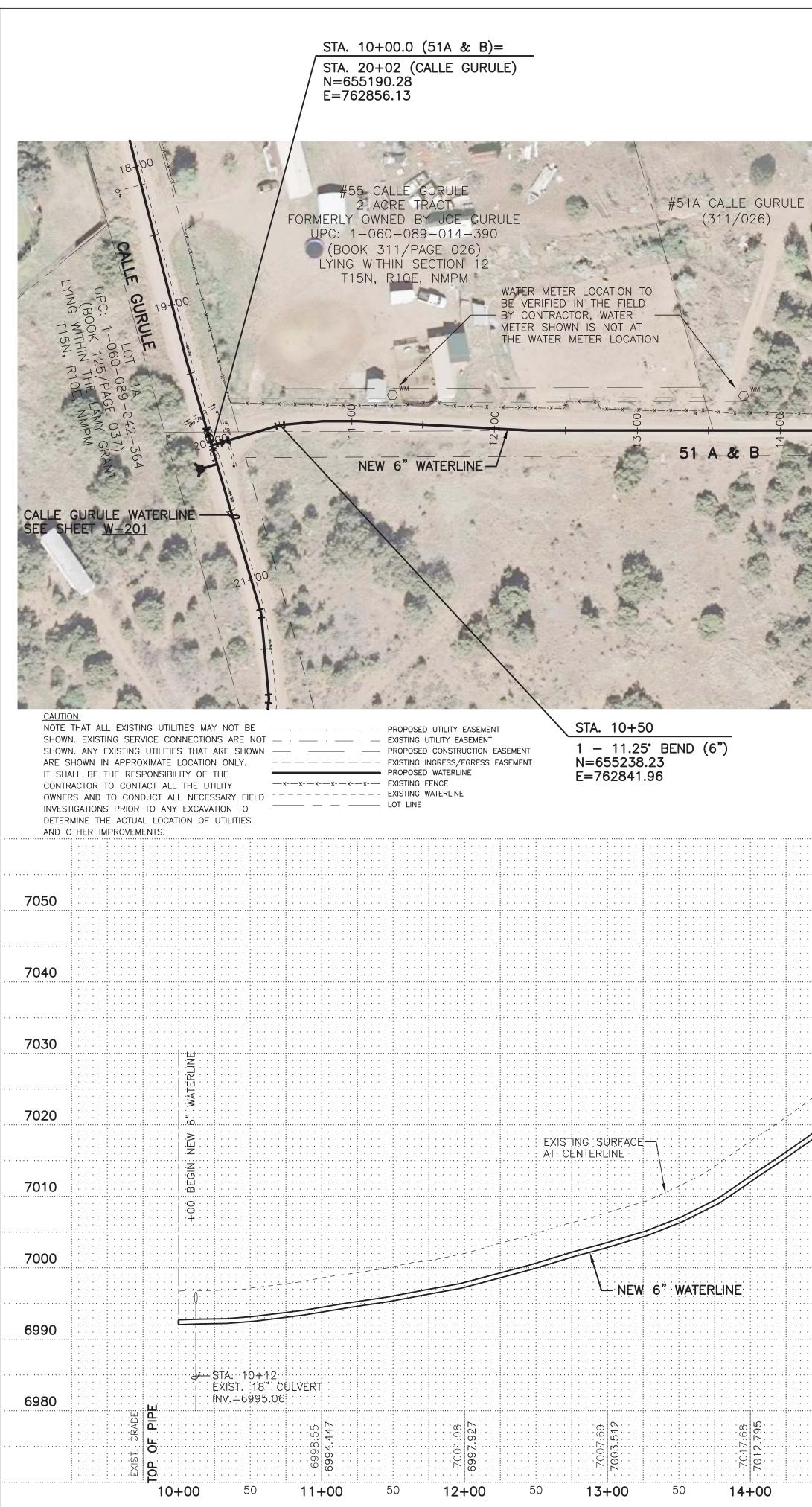




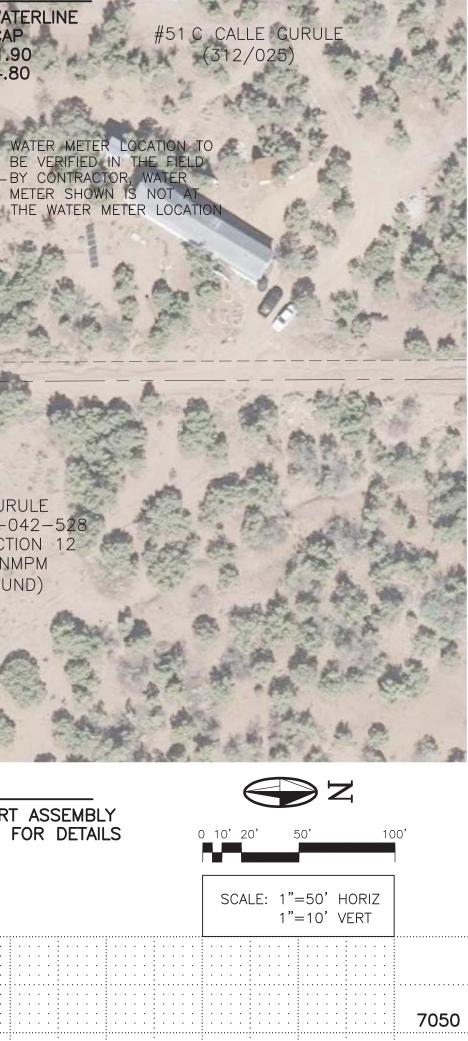
								•		•							•			•			 ·····
	<																					•	
	+···	· · · ·		•				•		•				:::		· · · ·	•					•	 
·   r		· · · ·																 					 
4	<b>t</b>													· · [				 					 
·														· · ·				 					 
;:		• • • •												Ŀ.Q.		• • • •	• • • •	 · · · · ·	· · · · · ·				 
-		· · · ·									4	,	<u> </u>	Z		· · · ·		 					 · · · · · · · · · · · · · · · · · · ·
												1. O	÷ • •	1. 64				 					 
						•						HBH:		1.18.1					· · · · · ·	1		•	 
			 				· · · · ·					BINA		- AV		· · · ·		 	· · · · · ·				
		• • • •				: : : : :										• • • •	: : : : :	 		: : : : :			 ·····
		· · · ·	· · · · ·		· · · · ·		· · · · ·		· · · · ·			, <u>, , , ,</u> ,	: : :	L L		· · · ·		 · · · ·	· · · · · ·		· · · · ·		 
					1		:					.∢		• <del>-</del>					:	i	1		 
•									: 			·!··~		 Г. ЦЦ				 					 
1		· · · ·	 									. i≯:		ь.		· · · ·		 · · · ·					 
		· · · ·									· · · · ·	·/·/·		ļ: į		· · · ·		 · · · ·					 
		• • • •	· · · · · · ·						· · · · · ·			···/·[+_+···		ļ		• • • •		 • • • •	· · · · · ·		· · · · · ·		 · · · · · · · · · · · · · · · · · · ·
												::/:::		r i i				 					 
			 				· · · · ·					::/::	÷ · ·										 
		· · · ·										· · · · /.		ŀ · .  ····		· · · ·		 · · · · ·					 
					· · · · ·							/		l: ; ;		· · · · ·		 · · · · ·					 
													/	::									 
			: 										/ · ·	<u>.</u>				 • • • •					 · · · · · .
		· · · ·									· · · · ·	· · · ·	:/::			· · · ·		 · · · ·					 
																• • • •		 	· · · · · · · ·				 ·····
					· · · · ·									[ ]				 					 
-		<b>X</b> · · · ·			· · · · ·									: : i									 
													i.	J	······			 	· · · · · · · ·				 ······
		· · · · ·									· · · · ·	· · · ·				$\cdot$ $\cdot$ $\cdot$ $\cdot$ $\cdot$		 · · · ·			· · · · · ·		 
					· · · · ·			· · · ·				· · · · ·				· · · · ·		 	· · · · ·				 · · · · · · · · · · · · · · · · · · ·
					• • • • • • • • • • • •			· · · · · · · · · · · · · · · · · · ·						[· · · · ]				 					 
			: :				: :																 
												• • • •				• • • •		 · · · · ·	· · · · · ·		<u>.</u>		 
		· · · ·									· · · · ·	· · · · ·		::		· · · ·		 · · · ·					 
																• • • •		 	· · · · · · · ·				 ·····
			:				:		· · · · · · ·						······			 			:		 ·····
		· · · ·										· · · ·		:::		· · · ·		 · · · ·					 
					· · · · ·		· · · · ·					· · · · ·				· · · · ·		 					 · · · · · · · · · · · · · · · · · · ·
							· · · · ·					· · · ·				· · · ·		 					
		· · · ·										· · · ·				· · · ·		 · · · ·					 
		• • • •										• • • •				• • • •		 ••••	· · · · · · ·				 
			· · · · ·				· · · · · ·		· · · · · ·									 					 
		· · · ·												:::		· · · ·		 · · · ·					 

W-206

DRAWN BY: MC STAFF



STA 19430 # COMPARISON OF THE CALLE CARDIE STA 1942 # STA 1942										
	STA. $15+25 \pm$ 1 - FIRE HYDRANT ASSEMBLY <u>SEE SHEET W-501</u> FOR DETAILS 1-6" TEE 1-6"x2" REDUCER	STA. 19+30 ± 1 - FLUSHING PORT ASSEMBLY SEE SHEET W-501 FOR DETAILS	0 10' 20' 50' 100' SCALE: 1"=50' HORIZ 1"=10' VERT							
			· · · · · · · · · · · · · · · · · · ·							
WW	NEW 2" WATERLINE		7030 7020							
		AIR WALVE	7010 7000							
·7028:47 ·7024.179 +25 1- 6"*2" RE	+00 50 17+00 50 18+00 50 19+00 50 19	7048:59 + 35 7044.145 + 35 + 45 END 2" WATI	6980							



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

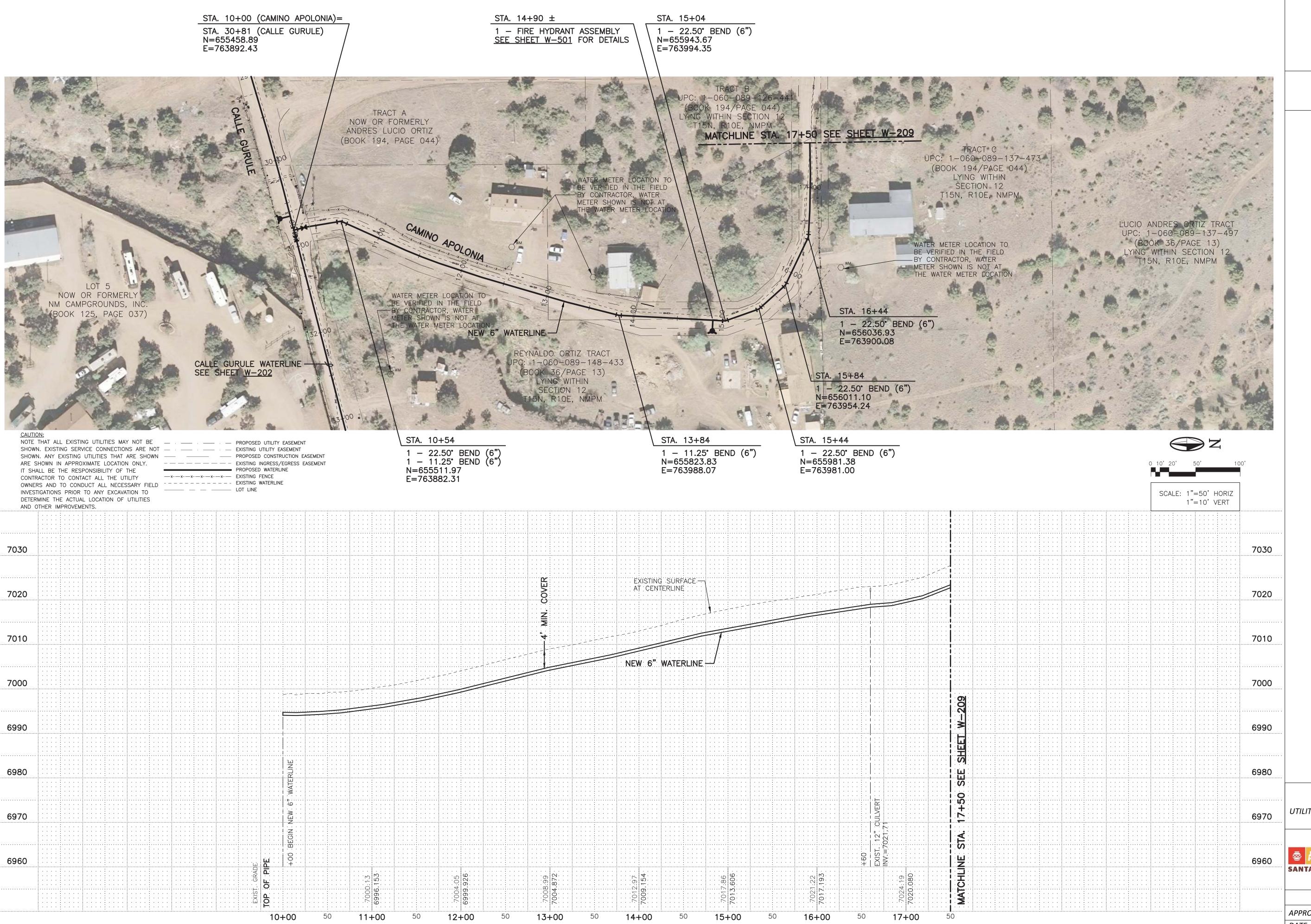
NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT

ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL



		REVISION										
		SYMBOL	DATE:	BY:								
SANTA FE COUNTY UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507												
	PRC	DJECT NAME:										
SANTA FE COUNTY	S)	ANONCITO RE (STEM IMPRO	VEMENTS - Pl									
	_ <u>5</u> 1	A & B WATERI	LINE									

STA. 10+00 TO STA. 20+00 APPROVED BY: REVIEWED BY: C. TEN EYCK SHEET : DATE: JANUARY 2020 DRAWN BY: MC STAFF W-207



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

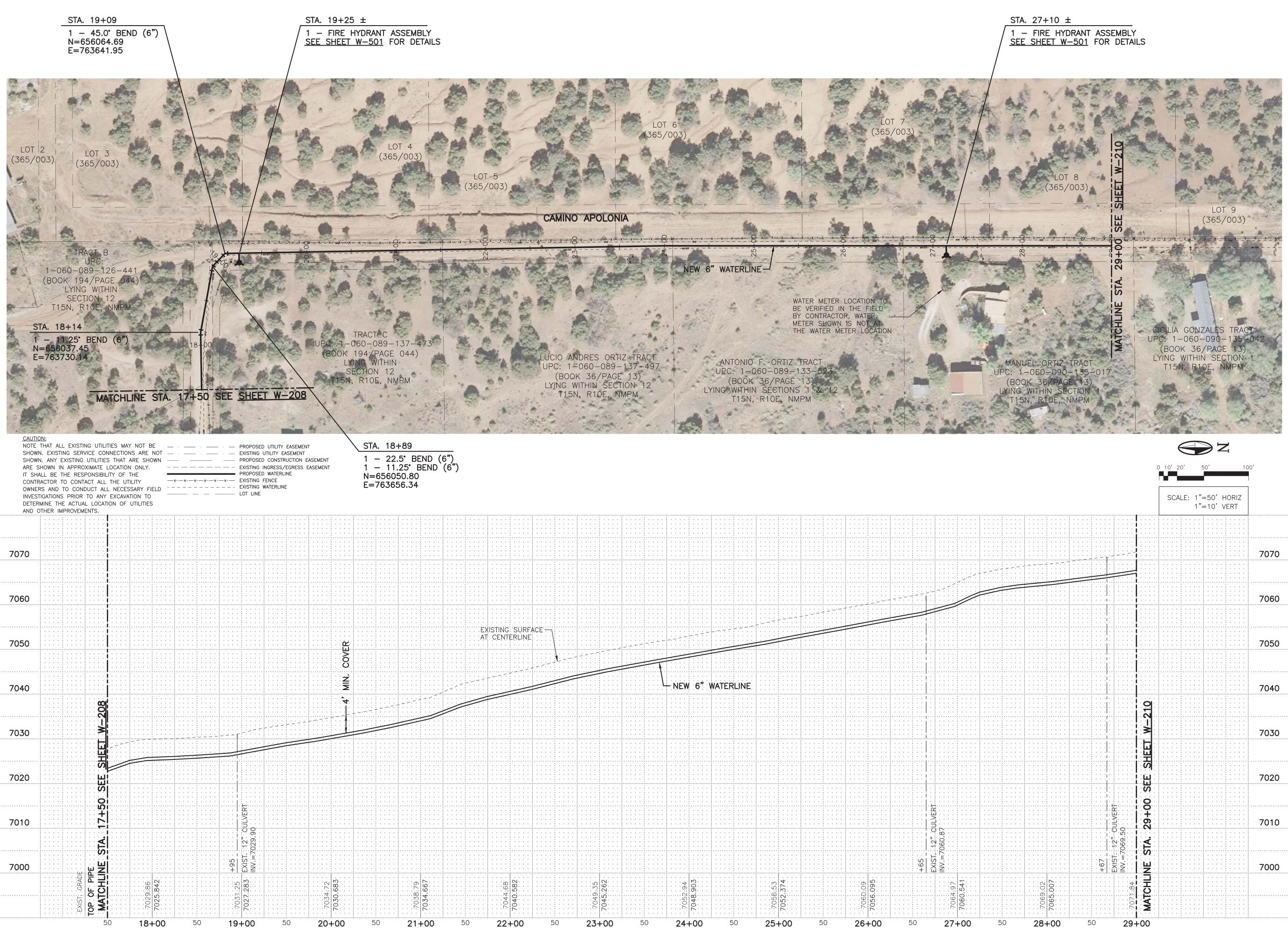
NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT

ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL



		REVISION									
		SYMBOL	DATE:	BY:							
SANTA FE COUNTY TILITIES DIVISION 424 NM 599, SANTA FE, NM 87507											
	PRC	OJECT NAME:									
ANTA FE COUNTY	CANONCITO REGIONAL WATER SYSTEM IMPROVEMENTS - PHASE II										
CAM	INO TA.	APOLONIA W 10+00 TO STA	ATERLINE . 17+50								

APPROVED BY: REVIEWED BY: C. TEN EYCK SHEET : DATE: JANUARY 2020 W-208 DRAWN BY: MC STAFF



7049:35       7049:35       7045:262       7045:262       7048:903       7058:53       7055:374	7045.262 7045.262 7048.903 7052.374	7049.35       7049.35       7045.262       7052.34       7055.53       7055.53       7055.53       7055.53       7055.53       7055.53       7055.53       7055.53       7055.53       7055.095       1005.541       12cultVERT       7064.97       7056.035       7056.035	7049:35       7045:262       7045:262       7052:94       7055:34       7055:34       7055:35       7055:35       7055:354       7055:354       7056:53       7056:53       7056:53       7056:54       7056:53       7056:54       7056:54       7056:54       7056:55       7056:54       7056:54       7056:541	7045.262
7049:35 7045.262 7045.262 7052:94 7052:94 7058:53 7056:53	7049:35 7049:35 7045.262 7046.903 7052:94 7058:53 7056:53 7052:374	7049.35 7045.262 7045.262 7052.94 7056.53 7056.53 7056.53 7056.095 7056.095 7056.095 8NN =7060.87 12.12CULVERT	7049:35       7045:262       7052:94       7052:94       7055:374       7055:374       7055:374       7056:53       7056:53       7056:095       7056:095       7064:97       7060:541	7049:35       7045:262       7052:94       7052:374       7056:53       7056:53       7056:095       7056:095       Fié5       7056:095       7056:095       7056:095       7056:095       7056:095       7056:095       7056:095       7056:095       7056:095
7049.35 7045.262 7045.262 7045.262 7045.94 7052:94 7052:94 7056:53	7049:35 7045.262 7045.294 7048.903 7048.903 7058:53	7049.355 7049.362 7048.903 7052.34 7052.374 7056.095 7056.095 7056.095 FXIST. 12." CULVERT INV.=7060.87 INV.=7060.87	7049:35 7045.262 7045.294 7052.94 7056.53 7055.53 7055.555.53 7055.555.555.55	7049.35 7049.35 7045.262 7052.94 7052.94 7058.53 7056.095 7056.095 7056.095 800.87 100.541 100.541
	7049.35       7049.35         7045.262       8         7052.94       8         7052.94       8         7058.53       8         7058.53       7052.374	7049:35     7049:35       70045:262     7052:94       7052:94     7052:374       7058:53     7058:53       7058:53     7058:53       7058:53     7058:53       7058:53     7058:53       7058:53     7058:53       7058:53     7058:53       7058:53     7058:53       7058:53     7058:53       7058:53     7058:53       7058:53     7058:53       7058:54     10N'=7060:87       7066:541     10N'=7060:87	7049.35       7045.262       7052.94       7052.94       7052.374       7055.53       7055.374       7056.095       7056.095       7064.97       7064.97       7060.541	7049.35       7045.262       7045.262       7045.262       7052.94       7052.94       7052.94       7052.94       7052.94       7052.94       7055.095       7056.095       7056.095       7056.095       7056.095       7056.095       7056.095       7056.095       7056.095
7045.262 7045.94 7052:94 7058:53 7056:53	7045.262 7048.903 7048.903 7056:53 7055:374	7045.262	7045.262           7045.262           7052.94           7052.94           7052.374           7056.53           7056.53           7056.53           7056.53           7056.53           7056.53           7056.53           7056.53           7056.54           10050.54           10050.54           10050.54           10050.541           1000.541	7045.262 7052.94 7052.94 7056.53 7056.53 7060.09 7056.095 7060.09 7056.095 1NY = 7060.87 7060.541
.7052:94 7048.903 7056:53 7056:53	7052:94 7048.903 7056:53 7056:53	7048.903       7048.903       7052.374       7056.53       7056.53       7056.095       7054.97       FXIST. 12"CULVERT       7064.97       7064.97       7060.541	7052:94     7052:94       7052:94     7056:53       7056:53     7055:53       7055:374     12"6ultVERT       7056:095     12"6ultVERT       7060:0541     10N:=7060:87	7052:94 7048.903 7056.53 7056.53 7056.53 7056.095 7056.095 7056.095 7056.095 7056.095 7056.095 8 7056.095 1465 6 7056.095 7050.087
7056:53 7058:53 7056:53	7052:94 7048.903 7056:53 7056:53	7052:94 7048.903 7048.903 7056.095 7056.095 7056.095 7056.095 7056.095 7056.095 7056.095 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	7052:94     7052:94       7058:53     1       7058:53     1       7055:374     1       7055:374     1       7056:095     1       7056:095     1       7064:97     12"cul.WERT       7064:97     1       7066:541     1	7052:94       7052:94       7055:53       7056:095       7056:095       7056:095       FXIST.       7060:09       7056:095       FXIST.       7060:541       7060:541
7052:94 7048.903 7048.903 7056:53	· 7052:94 · 7048.903 · 7048.903 · 7056:53	.7052:94       .7048.903       .7048.903       .7056.53       .7056.53       .7056.095       .7056.095       .7056.095       .7056.095       .7064.97       .7064.97       .7064.97       .7060.541	7052:94 7048.903 7048.903 7056:53 7056:53 7056:095 7056.095 7056.095 7056.095 7056.095 7056.095 7056.095 7056.095 7056.095 7056.095	7048.903       7048.903       7048.903       7055.334       7056.095       7056.095       7054.97       7064.97       7064.97       7060.541
7048.903 7056:53 7056:53	7048.903 7056:53 7055:53	7048.903 7056.53 7052.374 7060.09 7060.095 7056.0955 7056.0955 7056.095 7056.095 7056.095 7056.095 7056.095 7056.095 7056.095 7056.095	7048.903 7056.53 7056.53 7065.095 7065.095 7064.97 7064.97 7064.97 NNV=7060.87 7060.541 NNV=7060.87	7048.903 7056:53 7056:53 7056:095 7056.095 7056.095 FXIST. 1.2." CULVERT FXIST. 1.2." CULVERT 7064:97 NNV=7060.87 7064:97 NNV=7060.87
.7056:53 .7052.374	.7056:53 .7056:53	7056.095 7056.095 7056.095 7060.09 7056.095 +65 +65 +8XIST. 12" .CULNERT INV.=7060.541	7056.53 7056.53 7060.09 7056.095 7056.095 7056.095 Filst. 12".cul.vERT INV.=7060.87	7056:53 7056:53 7056.095 7056.095 7056.095 7060.541 NV.=7060.87 NV.=7060.87
.7056:53 .7052.374	.7056:53 .7056:53	7056:53 7052:374 7060:09 7060:09 7066:095 = +65 = +65 = +65 = *:0.0287 = *:0.0287 = *:0.0287	7056:53 7052:374 7052:374 7060:09 7060:095 FEXIST. 12" CULVERT INV.=7060.87 7064:97 7060.541	7056.095 7060.09 7060.09 7056.095 7056.095 7064.97 7064.97 70664.97 7060.541
7056:53 7052.374	7056:53	7056:53 7052:374 706D:09 706D:095 Fist: 12" CULVERT EXIST. 12" CULVERT INV.=7060:87 7060.541	7056:53 7056:095 7060:09 7060:095 7064:97 7064:97 7064:97 7064:97	7056:53 7052:374 7060:09 7060:095 F+65 EXIST. 1.2" CULVERT INV.=7060.87 7060.541
-7056:53 -7052.374	-7056:53	7056:53 7052.374 7060:09 7060:095 <u>+65</u> EXIST. 12" CULVERT INV.=7060.87 7060.541	7056:53 7052.374 7062.099 7060:09 7060:095 <u>+65</u> EXIST. 12" CULVERT INV:=7060.87 7060.541 INV:=7060.87	7056.095 7060.095 7060.095 7064.97 7064.97 7060.6341
		7060:09 7056.095 +65 EXIST. 12"CULVERT INV.=7060.87 7060.541	·7060:095 ·7056.095 EXIST. 12" CULVERT INV.=7060.87 7064:97 70664:97	7060.095 7056.095 7056.095 EXIST. 12" CULVERT EXIST. 12" CULVERT 7060.541
	-	7060.541	7060.541	7060.541
7056 095.	706D:09	+65 +65 EXIST. 12" CULVER INV.=70.60.87 7060.541	+65 EXIST. 12" CULVER 7064:97 7064:97 7060.541	7060.541
.7056.095	- 706D:09	+65 EXIST. 12" CULVER INV:=7060.87 7060.541	+65 EXIST. 12" CULVER INV.=7060.87 7060.541	+65 EXIST. 12" CULVER 7064:97 7060.541
7056.095 7056.095	-706D:09 -7056.095	EXIST. 12" CULV 7064:97 7060.541	EXIST. 12" CULV 7064:97 7060.541	EXIST. 12" CULV 7064:97 7060.541
·7060:095 •7056.095	.7060:095 .7056.095 +65	7060.541	.7064:97 7060.541	7060.541
7056.095 7056.095 +65 EXIST. 12"	7060:095 7056.095 +65 EXIST. 12"CULVERT	7060.541	7060.541	7060.541
7060:095 7056.0955 +65 EXIST. 12" .CULVERT INV.=7060.87	·7060:095 •7056.0955 +65 EXIST. 12" :CULVERT INV.=7060:87			
7060:095 7056.095 <u>7056.095</u> <u>+65</u> <u>EXIST. 1.2." CULVERT</u> <u>EXIST. 1.2." CULVERT</u> <u>7064:97</u> <u>1NV.=7060.87</u>	·7060:095 ·7056.0955 <u>+65</u> EXIST. 1.2." .cuLVERT INV.=7060.87	•	50	

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

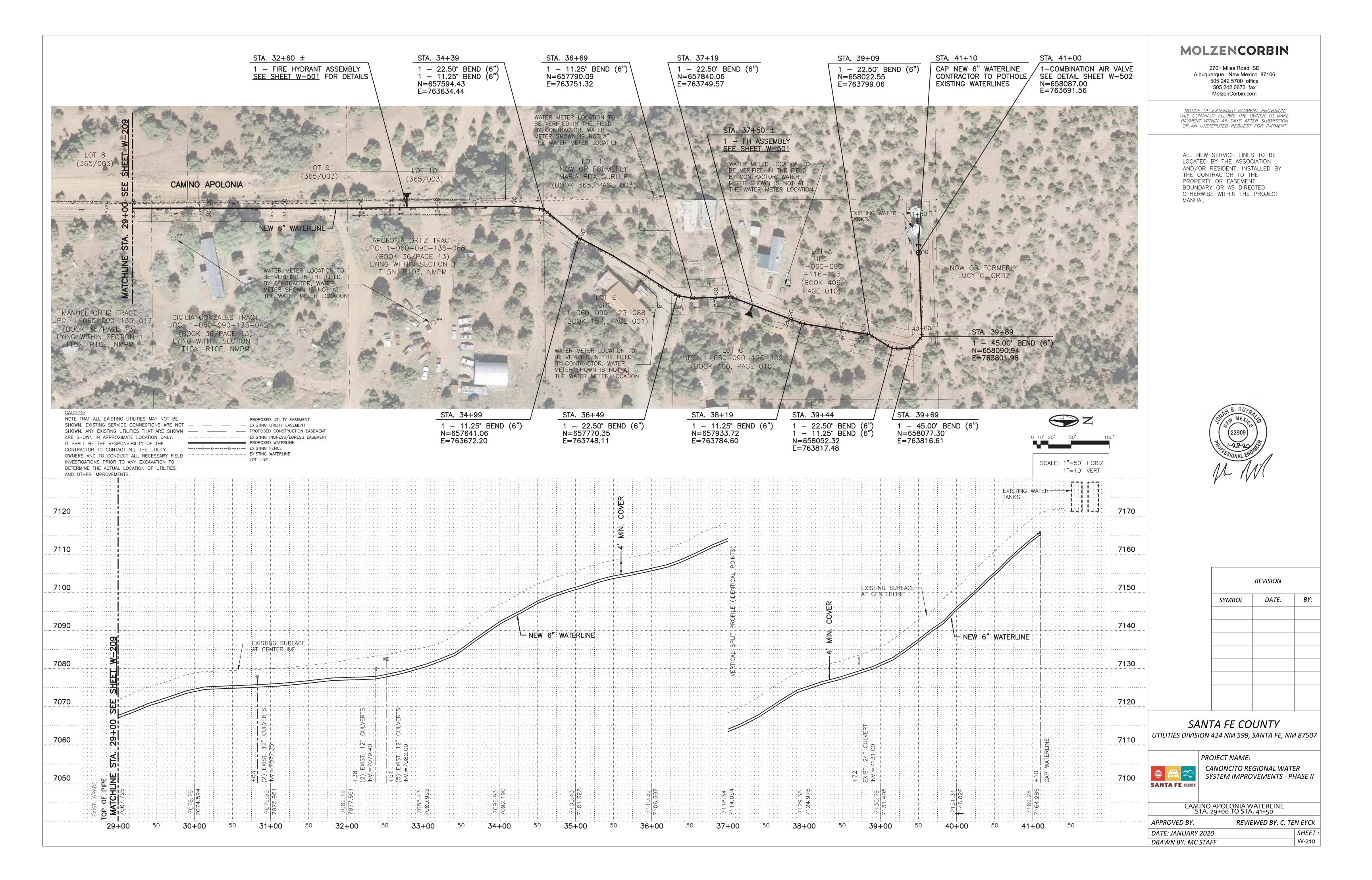
NOTICE OF EXTENDED PAYMENT PROVISION: THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT

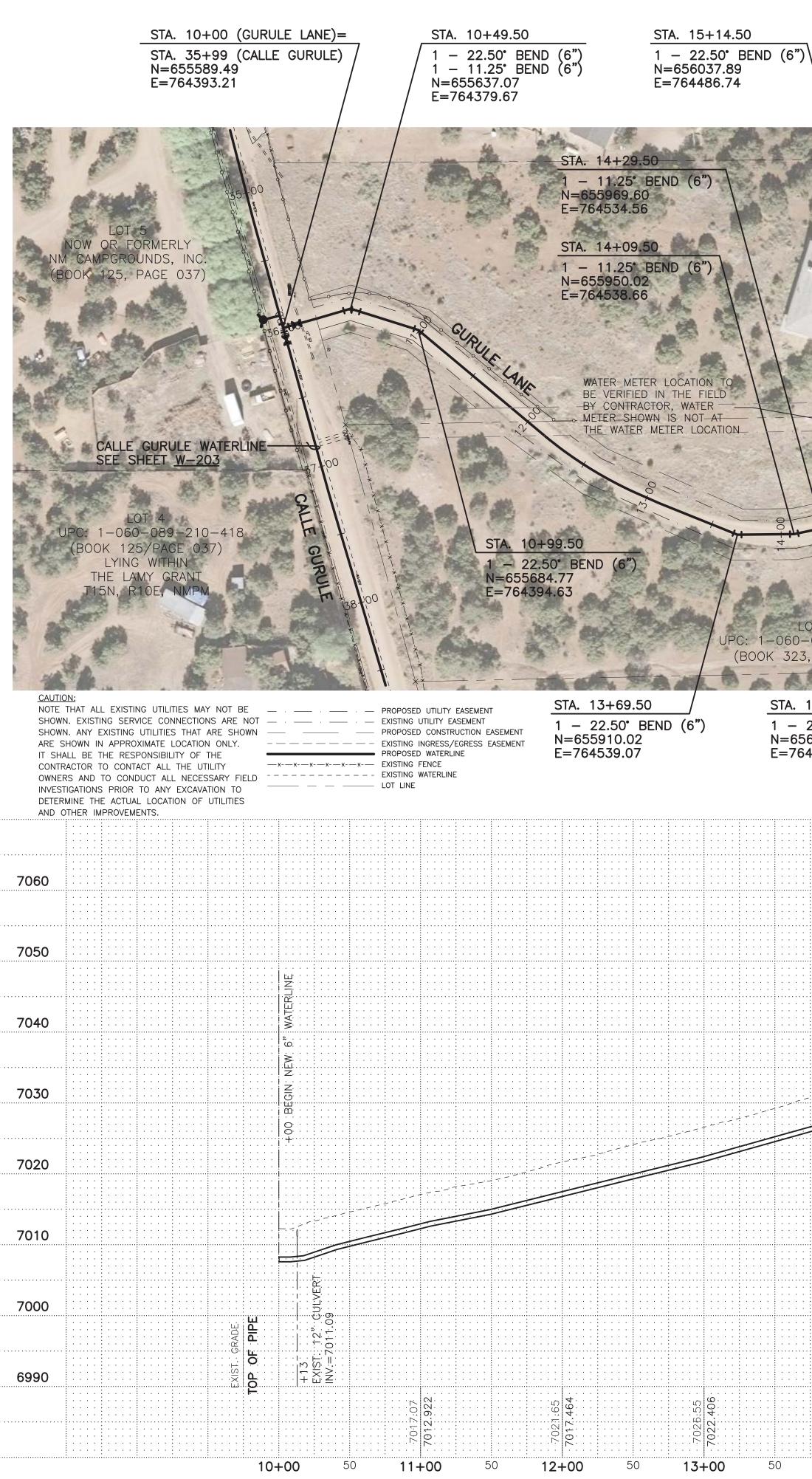
ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL



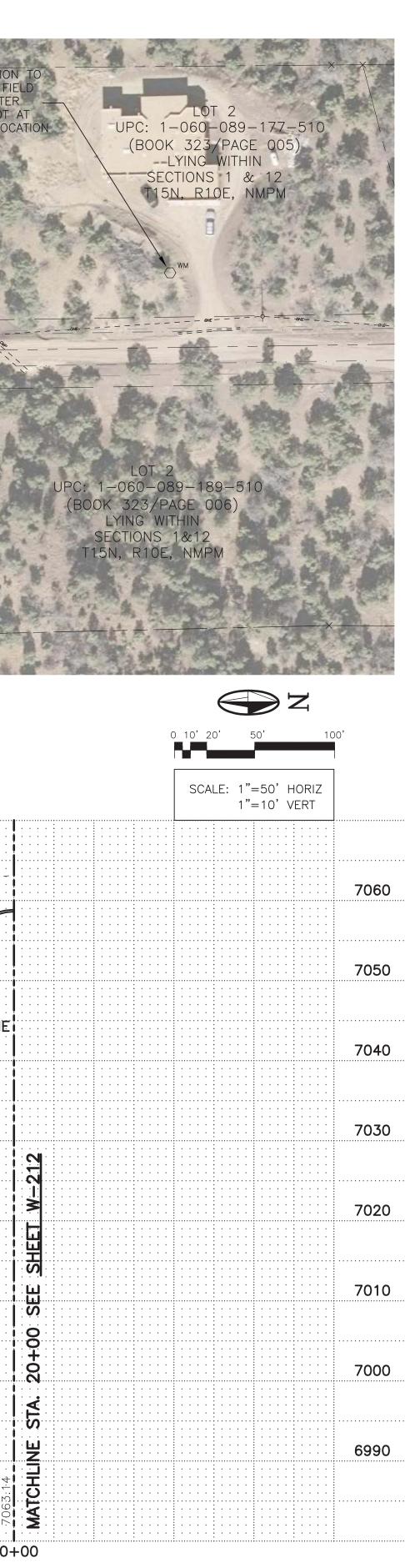
		REVISION										
		SYMBOL	DATE:	BY:								
SANTA FE COUNTY UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507												
	PRC	DJECT NAME:										
SANTA FE COUNTY	S	ANONCITO RE (STEM IMPRO	VEMENTS - P									
CRAZ S	ΥΗ TA.	ORSE ROAD W 17+50 TO STA.	/ATERLINE 29+00									

REVIEWED BY: C. TEN EYCK APPROVED BY: SHEET : DATE: JANUARY 2020 W-209 DRAWN BY: MC STAFF





")	STA. 17+64.50 1 - 11.25° BEND N=656282.47 E=764446.68	(6")	
		STA. $18+30 \pm$ 1 - FIRE HYDRANT ASSEMBLY SEE SHEET W-501 FOR DETAILS $1 - 6^{\circ}$ TEE $1 - 6^{\circ}x2^{\circ}$ REDUCER WATER METER LOC. BE VERIFIED IN TH BY CONTRACTOR, W METER SHOWN IS THE WATER METER	IE FII NATEI NOT
	LOT 1 UPC: 1-060-089-177-450	SHEET W-212	
OWM Solution	(BOOK 323, PAGE 005)	NEW 6" WATERLINE	55,058
	OWM	WATER METER LOCATION TO BE VERIFIED IN THE FIELD BY CONTRACTOR, WATER METER SHOWN IS NOT AT THE WATER METER LOCATION	A A A A A
LOT1 D-089-190-457 23, PAGE 006) 14+69.50 - 22.50° BEND (6")	STA. 15+6 1 - 22.50		
- 22.50° BEND (6") 556006.40 64518.88	N=656083 E=764467	0° BEND (6") 3.89 7.14	
		EXISTING SURFACE AT CENTERLINE NEW 2" WATERL	INE
	ĊŎVĒR	EXISTING SURFACE	
	ĊŎVĒR	EXISTING SURFACE AT CENTERLINE NEW 2" WATERL	
	33 EXIST: 24" CULVERT 16 INV.=7035.54 INV.=7035.54 MIN COVER	EXISTING SURFACE AT CENTERLINE NEW 6" WATERLINE	1.4



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

<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

ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL



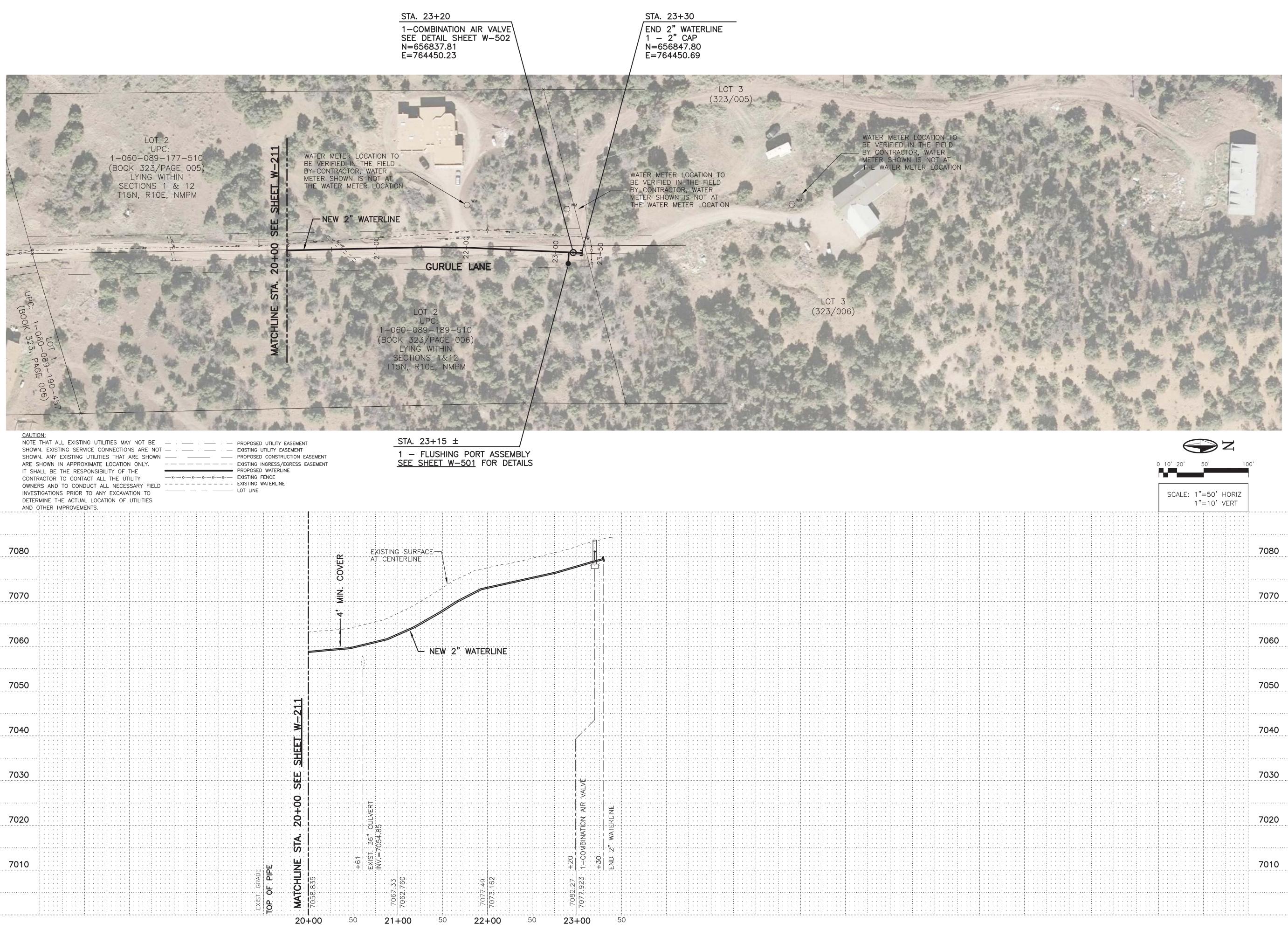
		REVISION									
	SYMBOL	DATE:	BY:								
SANTA FE COUNTY UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507											
	PROJECT NAME:										
CANONCITO REGIONAL WATER SYSTEM IMPROVEMENTS - PHASE II											
ĞŪ	RULE LANE WA <sup>-</sup> A. 10+00 TO STA	TERLINE									
APPROVED BY:		. 20+00 EWED BY: С. ТЕ	EN EYCK								

*SHEET :* W-211

DATE: JANUARY 2020

DRAWN BY: MC STAFF

# STA. 23+20 N=656837.81 E=764450.23



• • • • • •									 						 	
· · · · · · · ·			:::::						 · · · · · · · · ·		: : : : :			· · · · · ·	 · · · · ·	
. :			;						 :		:			:	 	
		· · · · · · · · · · · · · · · · · · ·							 						 · · · ·	
			<b></b>						 						 	
			J						 :						 	
			· · · · · · · · · · · ·						 	•					 	
			:								: : : : :				 · · · · ·	
									 · · · · · · · ·						 	
			.:						 						 	
			$\frac{1}{2}$						 						 · · · · ·	
		!							 						 	
									 						 · · · ·	
F : · · · ·									 						 	
· <del>-</del> : : : : : :			: i : : :						 		: : : : :			:	 · · · · · · · ·	
		• • • • • •							 						 · · · ·	
							• • • •		 						 ••••	
									 · · · · · · · ·					· · · · · ·	 · · · · ·	
									 · · · · · · · ·						 	
••••	• • • • • • • • • • • • • • • • • • • •	•••••••••••••••••••••••••••••••••••••••		•	•				 ••••	• • • • • • • • • • • •	÷•••••••••				 • • • • • • • • • •	••••••
									 						 · · · · ·	
									 						 · · · ·	
• : • • • •				· · · · · · · · · · · · · · · · · · ·					 :		$\frac{1}{2}$ · · · ·				 	
			<u> </u>						 						 · · · · ·	
		.  : 						• • • •	 						 • • • •	
		AAL -							 						 	
		·   · œ · · · · ·						•	 						 	
· · · · · · ·			RLINE												 · · · · · · · ·	
·····		.  : ≧						•							 	
		BINA	AN .						 		: :				 	
									:		:				 	
		- <u>-</u> <del>-</del> <del>-</del>	2						 						 	
		$O \rightarrow O$	+											:	 · · · · · · · ·	
	1. · · · · · · · · · · · · · · · · · · ·		+  位								· · · · · · ·				 	
		M												 	 · · · ·	
	1 														 • • • •	
· · · · · · · · · · · ·									 			•		· · · · · · ·	 ••••	
									 		:				 · · · · · · · ·	
									:		:					
				.:		::		:	 ·····	.:		:	······		 	
	23	6+00	,													

### MOLZENCORBIN

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

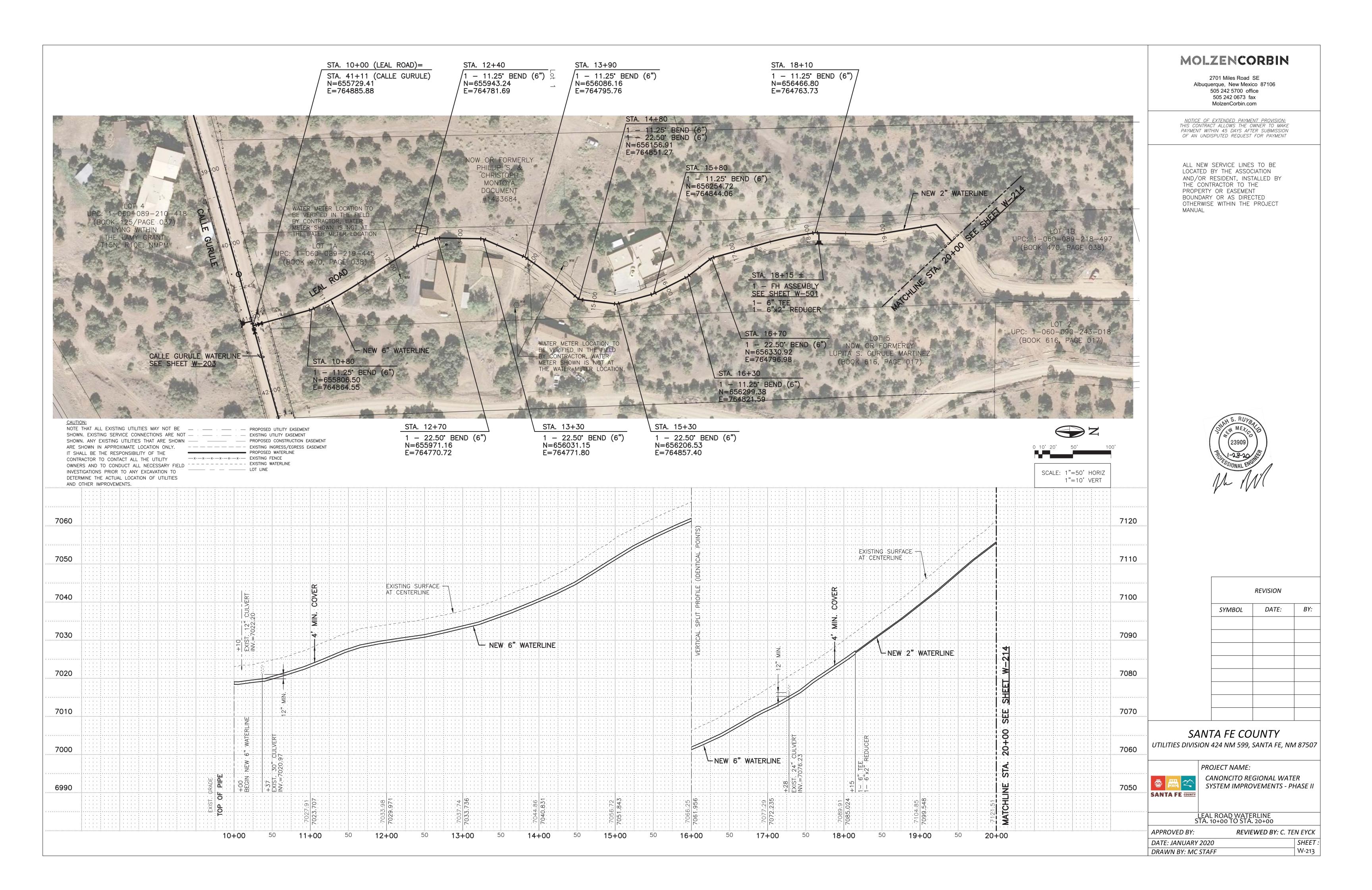
ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL

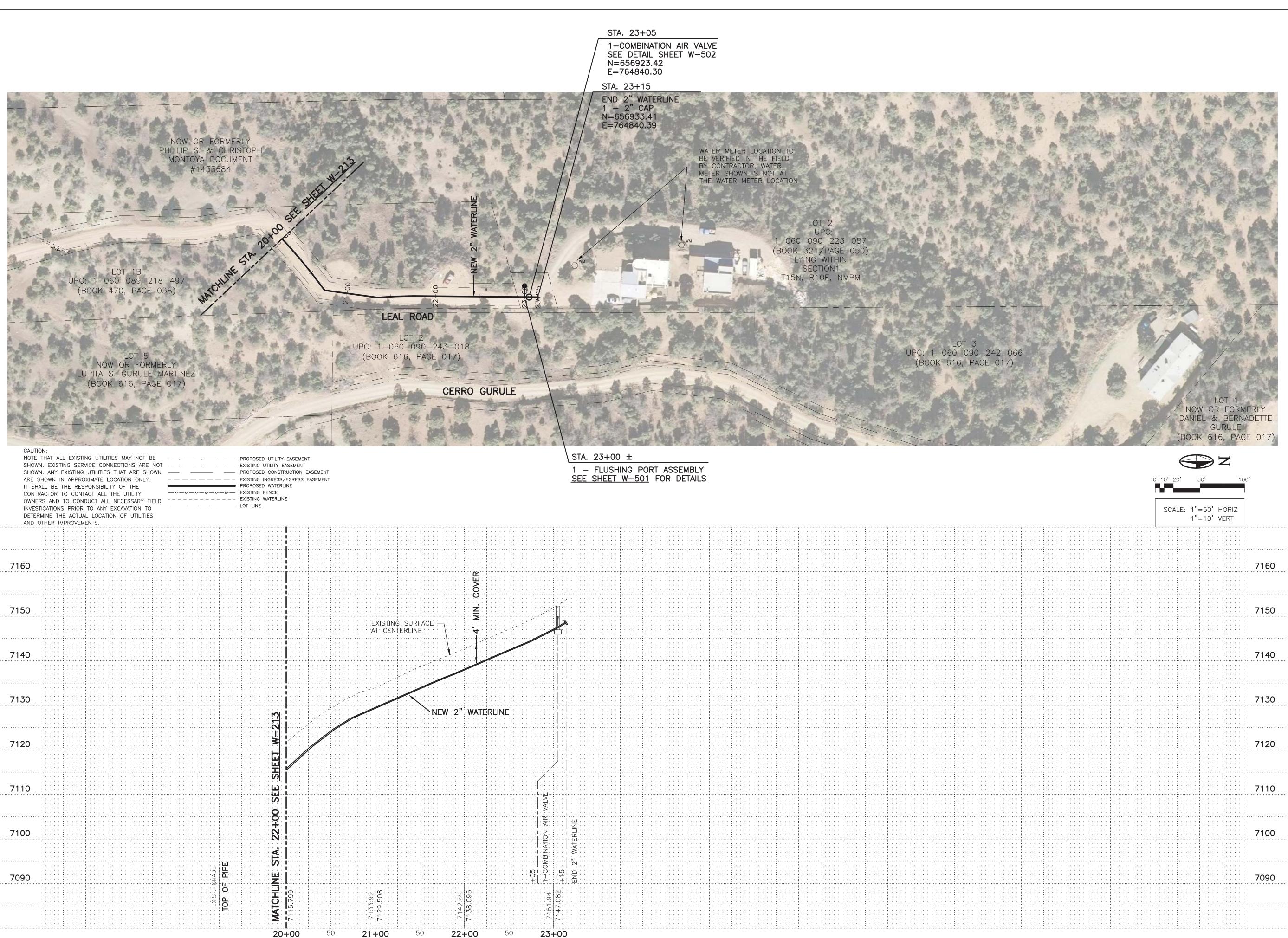


			REVISION	
		SYMBOL	DATE:	BY:
SA UTILITIES DIVISI		<b>TA FE CO</b> 424 nm 599, 5		187507
	PRO	DJECT NAME:		
SANTA FE COUNTY		ANONCITO REG /STEM IMPRO		
GL S1	JRU A. :	LE LANE WAT 20+00 TO STA	ERLINE 23+50	
APPROVED BY:			WED BY: C. TE	N EYCK
DATE: JANUARY	202	0		SHEET :

DRAWN BY: MC STAFF

W-212





· · ·	· · · · ·	· · · · ·	· · · ·	· · ·	· · · · · · · · · · · ·			· · · · ·		· · · · ·		· · · · ·	· · · · ·			 · · · · ·	· · · · ·	· · · · ·	· · · · ·		· · · · · · · ·	· · · · · ·	
	· · · · · · · · · · · · · · · · · · ·	· · · · · ·	· · · · · ·	· · ·	· · · · · · · · · · · · · · · · · · ·			· · · · ·				· · · · · ·				 	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·				
	· · · · ·	· · · · ·	· · · · ·	· ·	· · · · · · · · · ·		· · · · · ·		 			••••				 	· · · · ·		· · · · ·		· · · · · ·	· · · · · ·	· · · · · ·
	· · · · ·	· · · · ·		· · ·				· · · · ·	 	· · · · ·		· · · · ·	· · · · ·			 	· · · · ·		· · · · ·		· · · · · · ·		
	· · · · ·	· · · · ·		· · ·	· · · · · · · · · · · ·	· · · · ·		· · · · ·	· · · · · ·	· · · · ·		· · · · ·				 	· · · · ·		· · · · ·	· · · · · · · · ·		· · · · ·	
	· · · ·	· · · · · ·			· · · · · · · · · · · · · · · · · · ·							· · · · ·	· · · · ·			 	· · · · ·		· · · · ·				
	 			· · ·	· · · · · · · · · · · ·			· · · · ·	 			· · · · ·				 	· · · · ·		· · · · ·		· · · · · · ·		
		· · · · ·		· · ·	· · · · · · · · · · · · · · · · · · ·			· · · · ·		· · · · ·	· · · · ·	· · · · ·	· · · · ·				· · · · ·		· · · · ·				· ·
	· · · · ·	· · · · · · · · · · · · · · · · · · ·		· · ·								······				 	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·				
	· · · · ·			• •					 							 	· · · · ·		· · · · ·				
		· · · · ·		· ·	· · · · · · · · · · · ·				 			· · · · ·				 	· · · · ·		· · · · ·				
١E	· · · · ·	· · · · ·		· · · · ·	· · · · · · · · · · · ·			· · · · ·		· · · · ·		· · · · ·	· · · · ·		· · · · ·		· · · · ·		· · · · ·				
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· · · ·	· · · · · · · · · · · · · · · · · · ·			· · · · · · ·	 			· · · · · · · · · · · · · · · · · · ·				 	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	
									 			• • • •				 	· · · ·		· · · · ·				
	· · · · ·	· · · · ·		· · ·	· · · · · · · · · · · ·				 			· · · · ·	· · · · ·			 	· · · · ·		· · · · ·	· · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·
· · ·	· · · · ·			· ·	· · · · · · · · · · ·	· · · · ·		· · · · ·	· · · · · ·	· · · · ·		· · · · ·				 	· · · · ·		· · · · ·	· · · · · · · · ·	· · · · · · ·	· · · · ·	•
	· · · · ·			· · ·	· · · · · · · · · · ·				 			· · · · ·				 	· · · · ·		· · · · ·		· · · · · ·		·····
	· · · · ·	AIR VA		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·												· · · · ·		· · · · ·			· · · · ·	· · · · · · · · · · · · · · · · · · ·
	· · · · ·			RLIN	· · · · · · · · · · · ·	· · · · ·		· · · · ·						· · · · ·		 	· · · · ·		· · · · ·	· · · · · · · · ·		· · · · ·	
	· · · · ·			WAT	· · · · · · · · · · · ·			· · · · ·				· · · · ·		· · · · ·			· · · · ·		· · · · ·	· · · · · · · · ·	· · · · · ·	· · · · ·	
	· · · · ·	·   · 🕤	5	D. 2."	· · · · · · · · · · · · · · · · · · ·	· · · · ·		· · · · ·			· · · · ·	· · · · · · · · · · · ·					· · · · ·		· · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · ·		· · · · · ·
	· · · · · (	D' C - 1 · 1 · +   · <del>C</del>	·																· · · · ·				
· · ·	· · · · ·	1:94	082		· · · · · · · · · · · · · · · · · · ·							· · · · ·				 			· · · · ·				•
	· · · · · ·		71	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			· · · · ·	 			· · · · ·		· · · · · ·					· · · · · ·	· · · · · · · · ·	· · · · · · ·	· · · · · ·	
50	 	23-			· · · · · · · · · · · · · · · · · · ·				 													• : • • •	

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

ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL



			REVISION	
		SYMBOL	DATE:	BY:
<b>SA</b> UTILITIES DIVISI		<b>TA FE CO</b> 424 NM 599, .		187507
	PRC	DJECT NAME:		
SANTA FE COUNTY	S١	ANONCITO RE /STEM IMPRO	VEMENTS - PI	
L Sī	EAL	ROAD WATE	RLINE . 23+00	

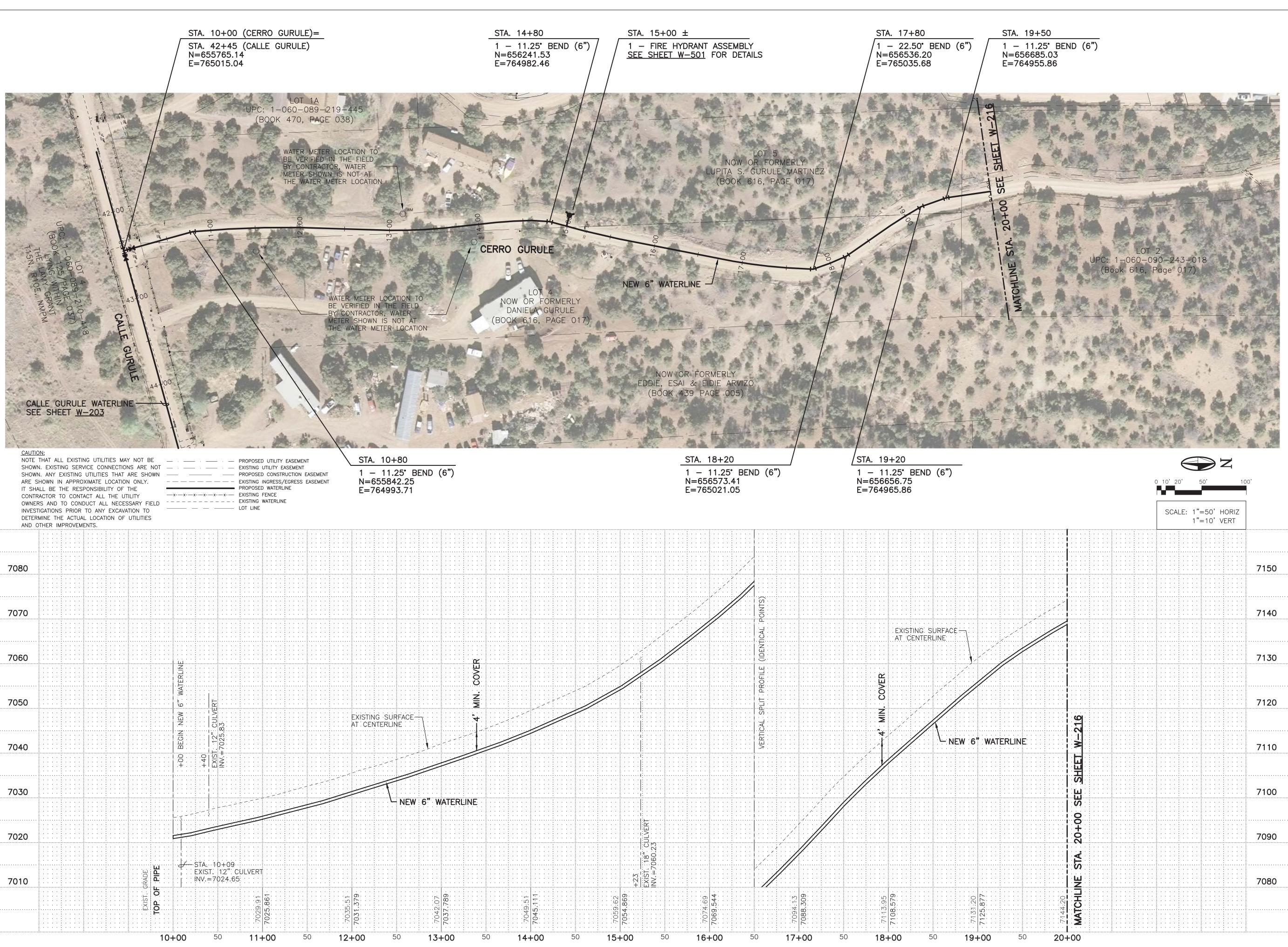
**REVIEWED BY:** C. TEN EYCK

SHEET :

W-214

APPROVED BY:

DATE: JANUARY 2020 DRAWN BY: MC STAFF



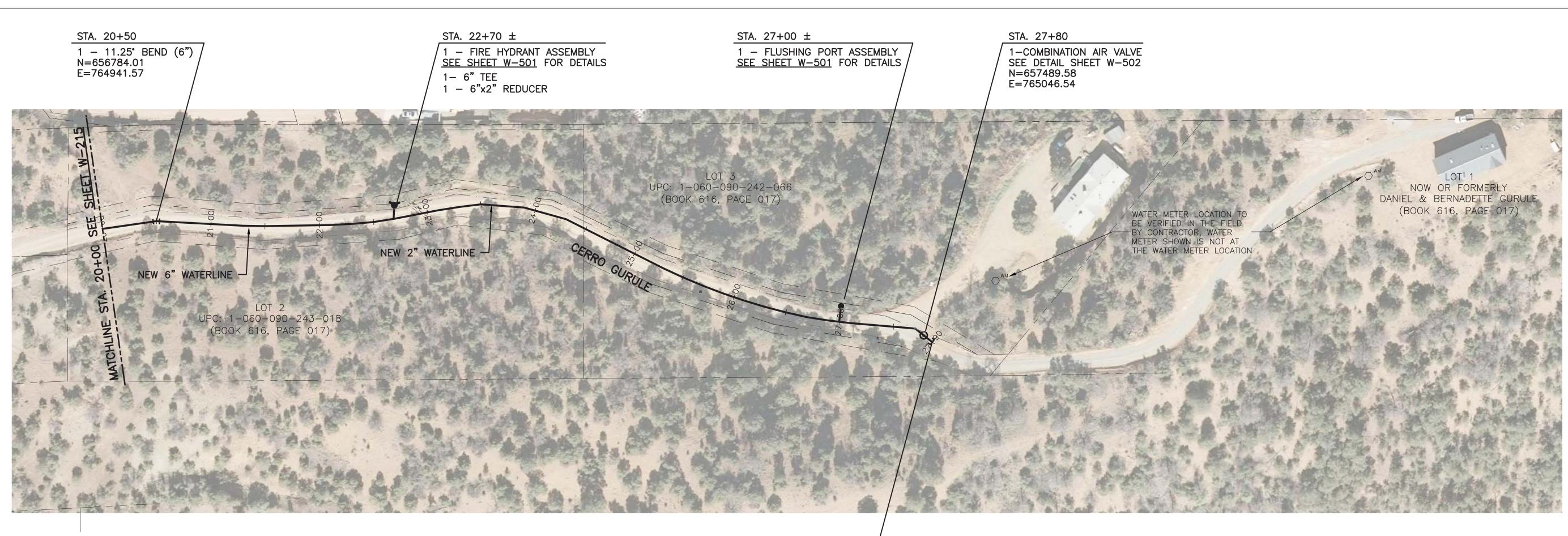
2701 Miles Road SE Albuquerque, New Mexico 87106 505 242 5700 office 505 242 0673 fax MolzenCorbin.com

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

ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL

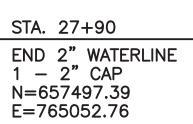


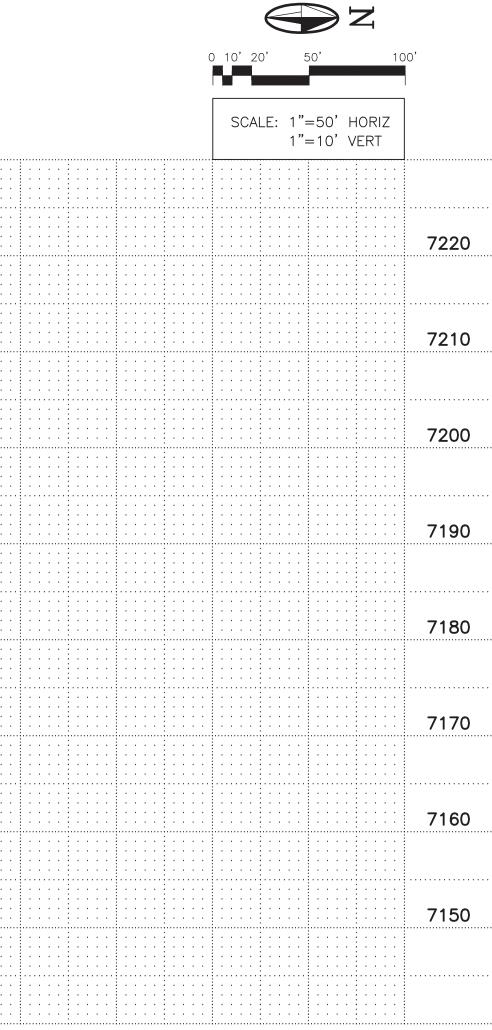
			REVISION								
		SYMBOL	DATE:	BY:							
<b>S</b> A UTILITIES DIVISI		<b>TA FE CO</b> 424 nm 599,		187507							
	PR	OJECT NAME:									
SANTA FE COUNTY			GIONAL WATE VEMENTS - PI								
CĘ	RRC	) GURULE WA 10+00 TO STA	TERLINE								
APPROVED BY:											
DATE: JANUARY	202	0		SHEET :							
DRAWN BY: MC	STA	FF		W-215							



CAUTION:	

SHOWN. E SHOWN. A ARE SHOW IT SHALL CONTRACTO OWNERS A INVESTIGAT	T ALL EXISTING UTILITIES MA EXISTING SERVICE CONNECTION NY EXISTING UTILITIES THAT VN IN APPROXIMATE LOCATION BE THE RESPONSIBILITY OF FOR TO CONTACT ALL THE UT AND TO CONDUCT ALL NECES TIONS PRIOR TO ANY EXCAVA E THE ACTUAL LOCATION OF	NS ARE NOT	EXISTING U	WATERLINE							E 1 N	TA. 27+90 ND 2" WATER – 2" CAP =657497.39 =765052.76	RLINE	]					
								ATICAL POINT			· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·					
7180				OVER				PROFILE (IDE		N. COVER									
		EXISTIN AT. CEN	NG SURFACE - 1	AIN.	- 12.			: =:::::		4 <b>MIN</b>			<b>\</b> NEV	N 2" WATE	RLINĖ				
	215						2" WATERLIN												
7150			NEW 6	" WATERLINE															
7140	Q														R VALVE				
7130	STA. 20+				"TEE"	24* CULVE									dBINATION. ≥				
7120	EXIST. GRADE TOP OF PIP 39.519	7153.05	7148.885	7161.66 7157.481		7169:02 +94 7164.318 EXIST NV:=		7178.973		7191.099		7202.160		7216.91		0 +			
	20+00	30 <b>21</b> +		22+00	50	23+00	30 <b>2</b>	4+00	30	23+00	50	20+00	50	27+00	50	28+00			





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

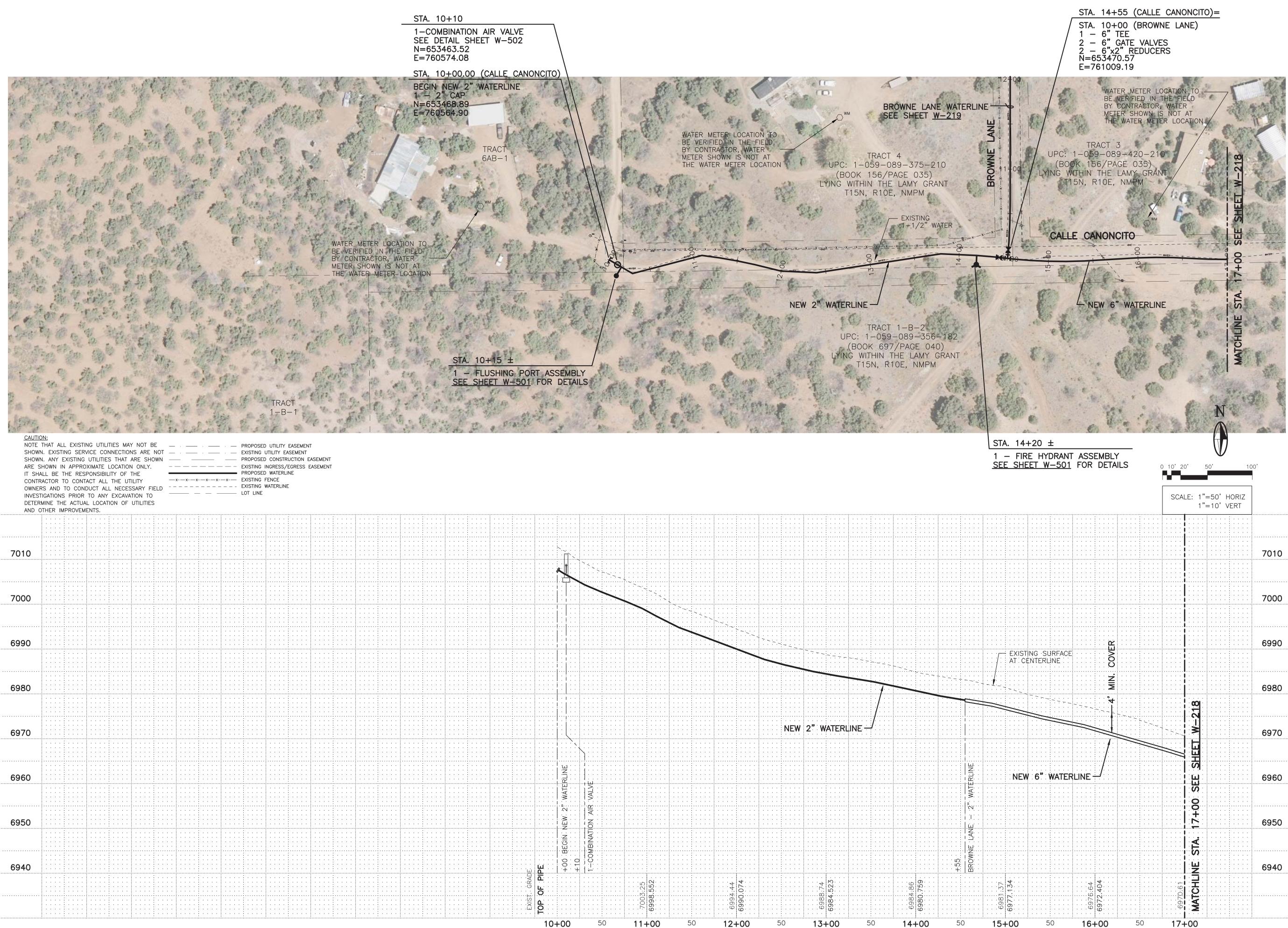
<u>NOTICE OF EXTENDED PAYMENT PROVISION:</u> THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT

ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL



		REVISION	
	SYMBOL	DATE:	BY:
	<b>NTA FE CO</b> 10N 424 NM 599,		1 87507
	PROJECT NAME:		
🧟 📇 <	CANONCITO RE SYSTEM IMPRO		
CE S	RRO GURULE WA TA. 20+00 TO STA	TERLINE 28+00	
APPROVED BY	RFVI		

APPROVED BY: REVIEWED BY: C. TEN EYCK SHEET : DATE: JANUARY 2020 DRAWN BY: MC STAFF W-216



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

ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL

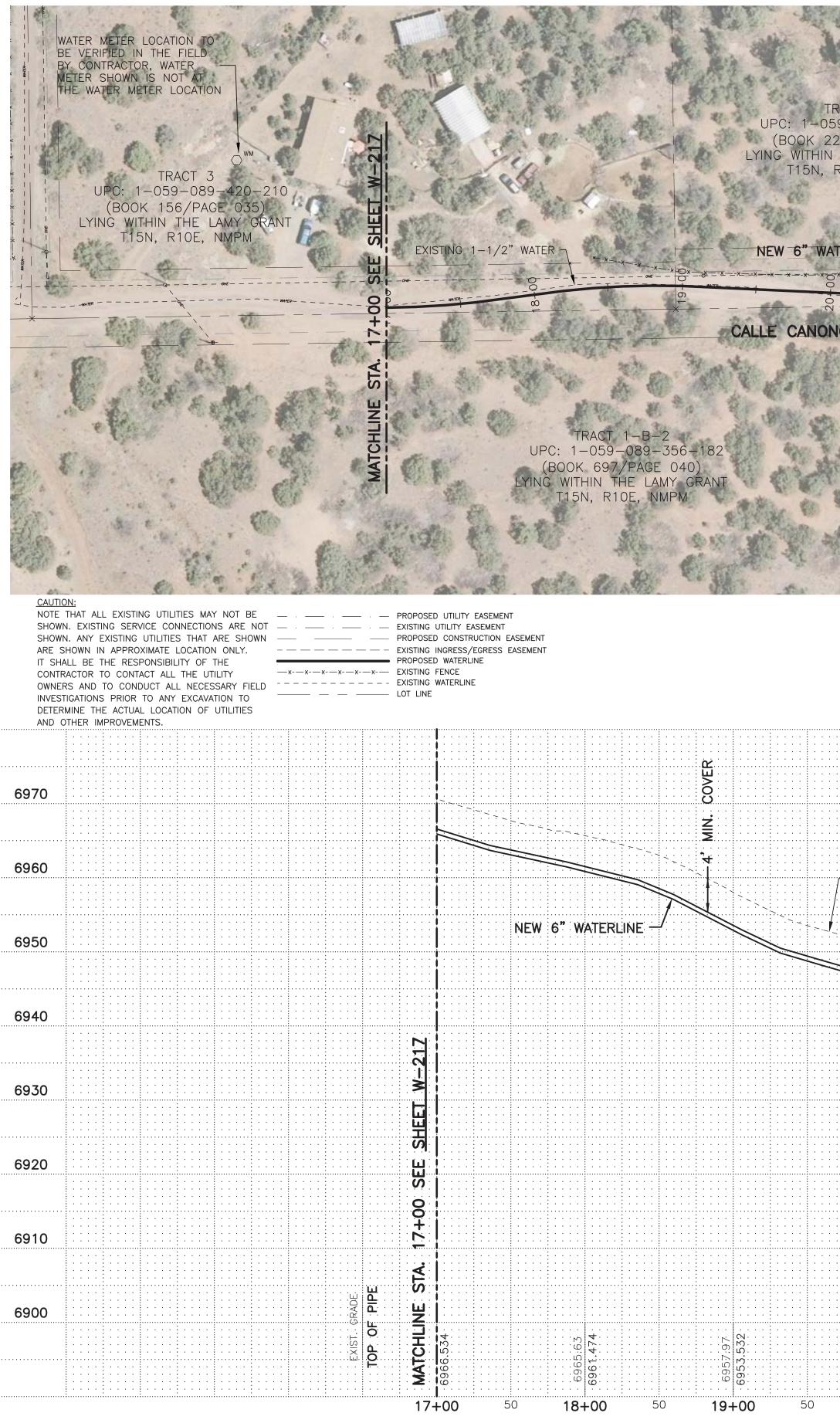


		REVISION	
	SYMBOL	DATE:	BY:
SAN	TA FE CO	UNTY	
UTILITIES DIVISION	424 NM 599,	SANTA FE, NN	187507
PR	OJECT NAME:		

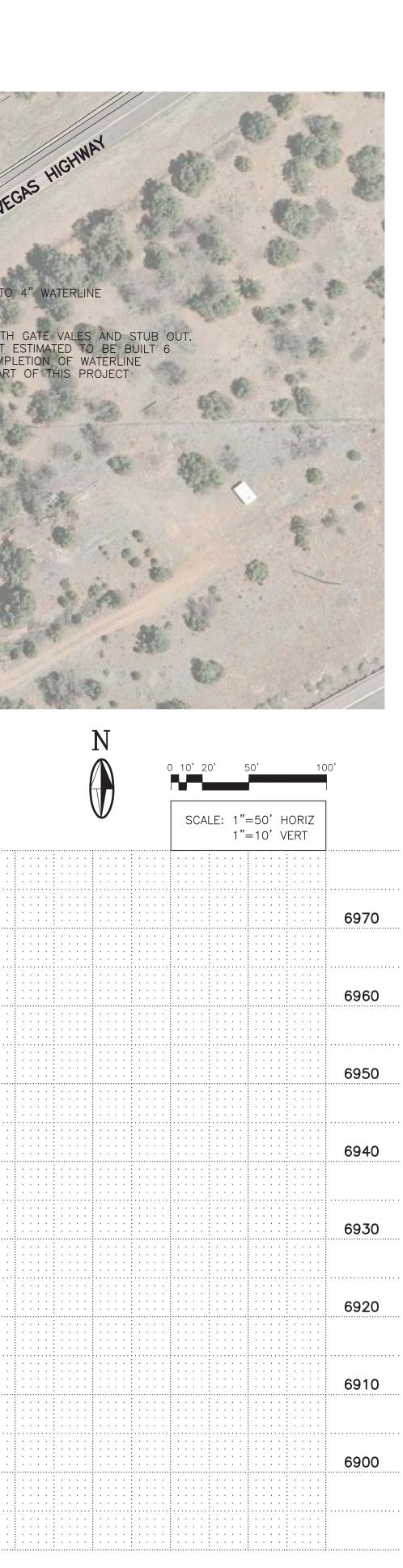
CANONCITO REGIONAL WATER SYSTEM IMPROVEMENTS - PHASE II SANTA FE COUNTY CALLE CANONCITO WATERLINE STA. 10+00 TO STA. 17+00 APPROVED BY: REVIEWED BY: C. TEN EYCK SHEET : DATE: JANUARY 2020 W-217

DRAWN BY: MC STAFF





21+60 11.25° BEND (6") 53479.20 61713.29	STA. 22+40 1 - 22.50° BEND (6") N=653498.81 E=761790.45	STA. $23+00$ 1 - 45.0° BEND (6") N=653496.08 E=761850.38	
RACT A			
59-089-435-226 225/PAGE 004) I THE LAMY GRANT R10E, NMPM	EXISTING 18" CMP		OLD LAS VEG OLD LAS VEG EXISTING 2" TO
		EXISTING 18" CMP	EXISTING 8" TEE WITH NOT BUILT YET, BUT E MONTHS AFTER COMPL INSTALLATION AS PART
	EXISTING WELL 23+74		
		WATER METER LOCATION BE VERIFIED IN THE FIEL BY CONTRACTOR, WATER METER SHOWN IS NOT A THE WATER METER LOCA	TO LD AT ATION
<u>STA. 22+00</u> 1 - 22.50° BEND (6") N=653485.21 E=761752.83	<u>STA. 23+60</u> 1 - 22.50° BEND (6") N=653451.76 E=761890.83	STA. 23+74 END 6" WATERLINE TIE TO EXISTING 8" TEE WITH RE	EDUCER
	7 CULVERT 76		
	STA. 21+87 EXIST. 18" ( INV.=6932.7	STA. 23+42 EXIST. 18" CUI INV.=6932.88	
	A. $21+8$ IST. $18"$ 7.=6932,	=6932. =6932.	
	A. 21+82	A. 23452 A. 23452 A. 23444	
	STA: 21:+8 	SS	



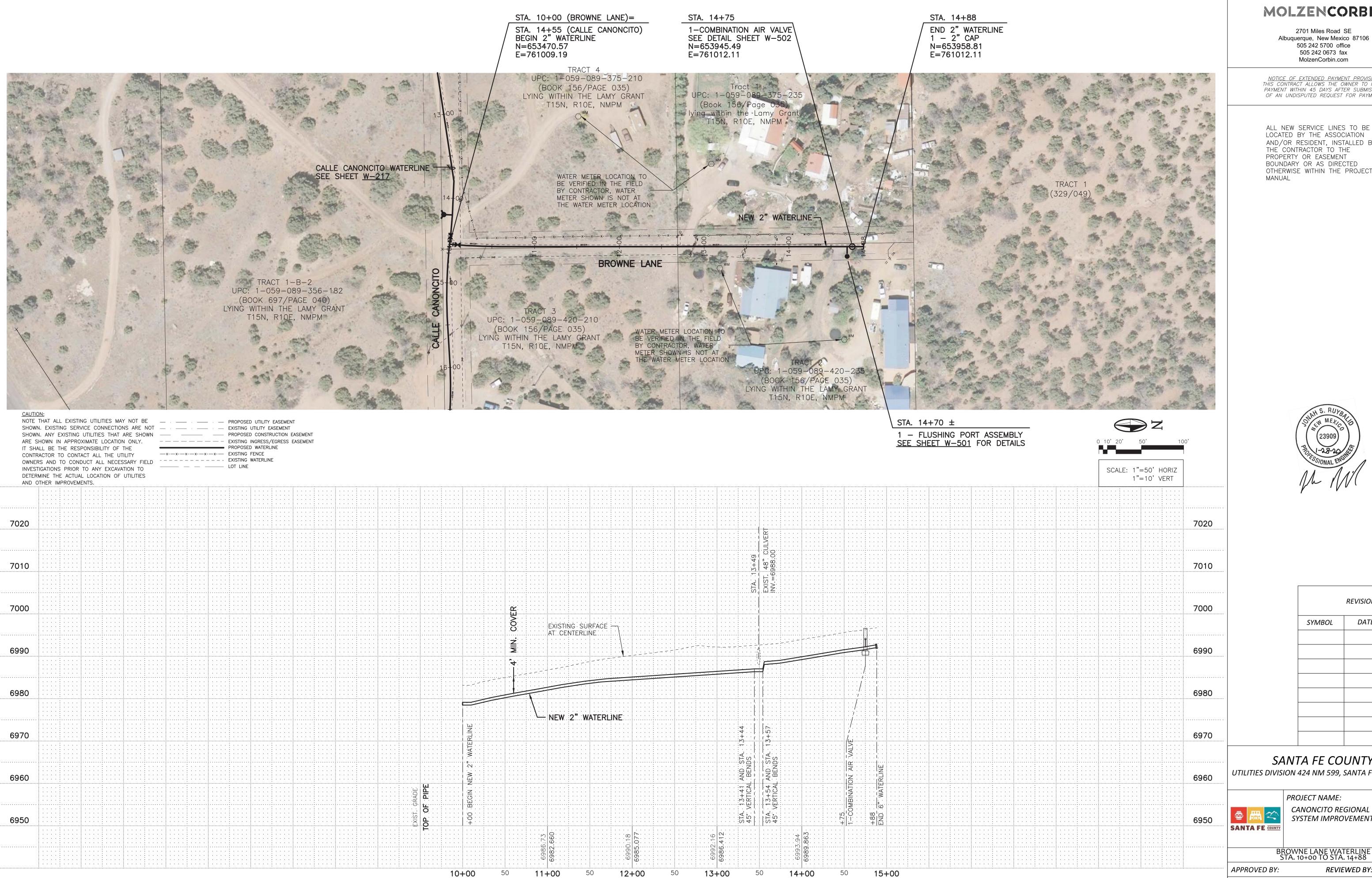
2701 Miles Road SE Albuquerque, New Mexico 87106 505 242 5700 office 505 242 0673 fax MolzenCorbin.com

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

ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL







			JLVERT			
			3.+.49 48* CULN 988:00			
			STA. 1 EXIST. INV.=6			
E.						
EX	(ISTING SURFACE					
Ż. W						
<b>4</b>						
NI	EW 2" WATERLINE			····		
			3+57			
			STA. 1			
			AL BENDS AL BENDS AL BENDS AL BENDS AL BENDS	NOIT		
			13+41 / VERTICAL 13+54 / VERTICAL	NMBINA <sup>-</sup>	88 4D. 6." WATERLIN	
			851A. 45°	·····································	END 8	
865.73 32.660			36.412	6993.94 6989.863		
50 <b>11+0</b>		+00 <sup>50</sup> 13+			15+00	

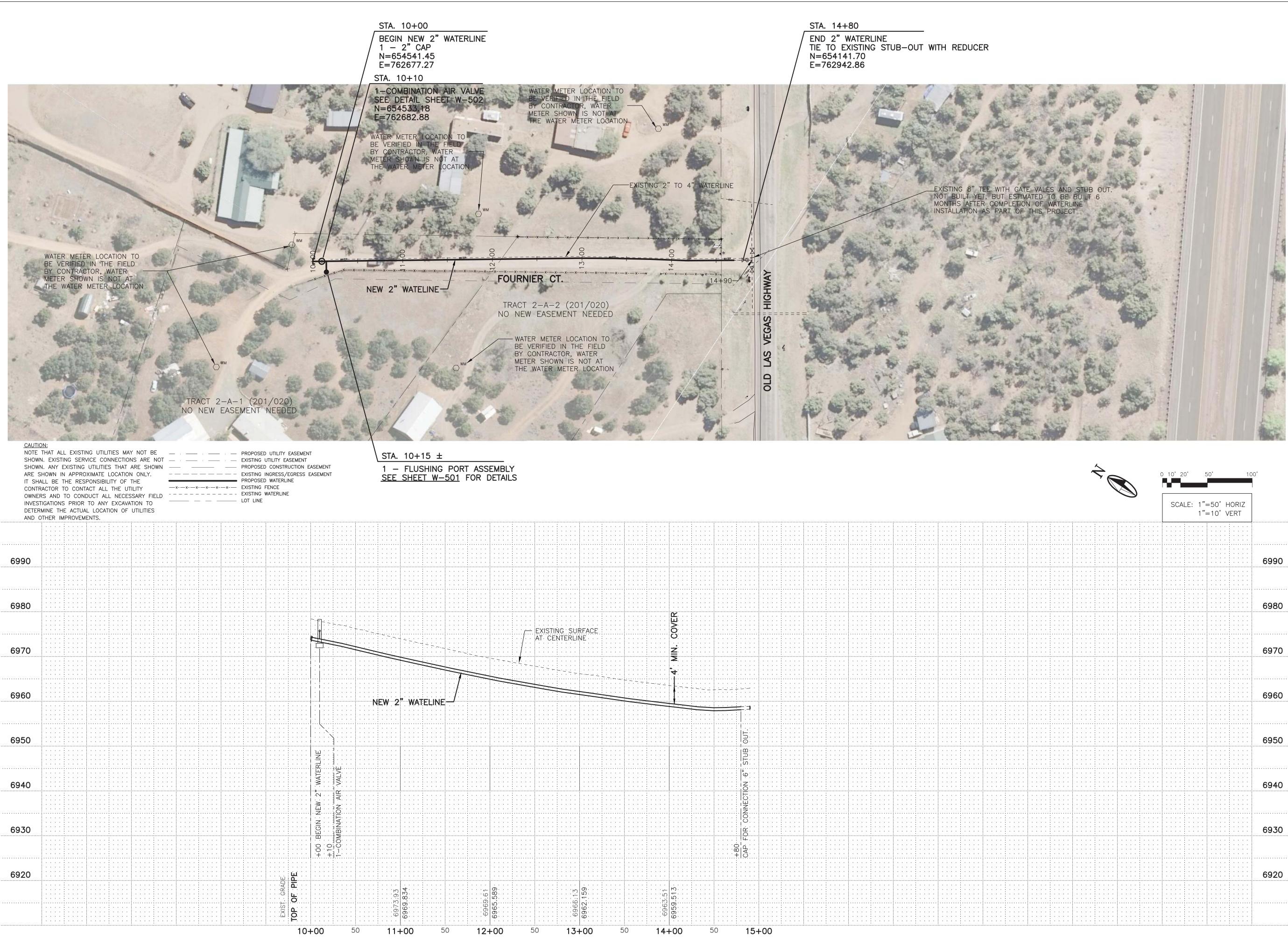
Albuquerque, New Mexico 87106

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

AND/OR RESIDENT, INSTALLED BY OTHERWISE WITHIN THE PROJECT

			REVISION	
		SYMBOL	DATE:	BY:
		TA FE CO		407507
DIVIS	ION	424 NM 599,	SANTA FE, NN	18/50/
	PRC	OJECT NAME:		
$\mathcal{A}$			GIONAL WATE VEMENTS - PI	

BROWNE LANE WATERLINE STA. 10+00 TO STA. 14+88 **REVIEWED BY:** C. TEN EYCK DATE: JANUARY 2020 SHEET W-219 DRAWN BY: MC STAFF



		Ľ.					
EXISTII	NG SURFACE NTERLINE	COV					
		••••••••••••••••••••••••••••••••••••••					
			<u>DN 6" ST</u>				
			CONNECTION				
			FOR FOR				
	6965.159 6962.159	6963.51 6959.513					

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

ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL

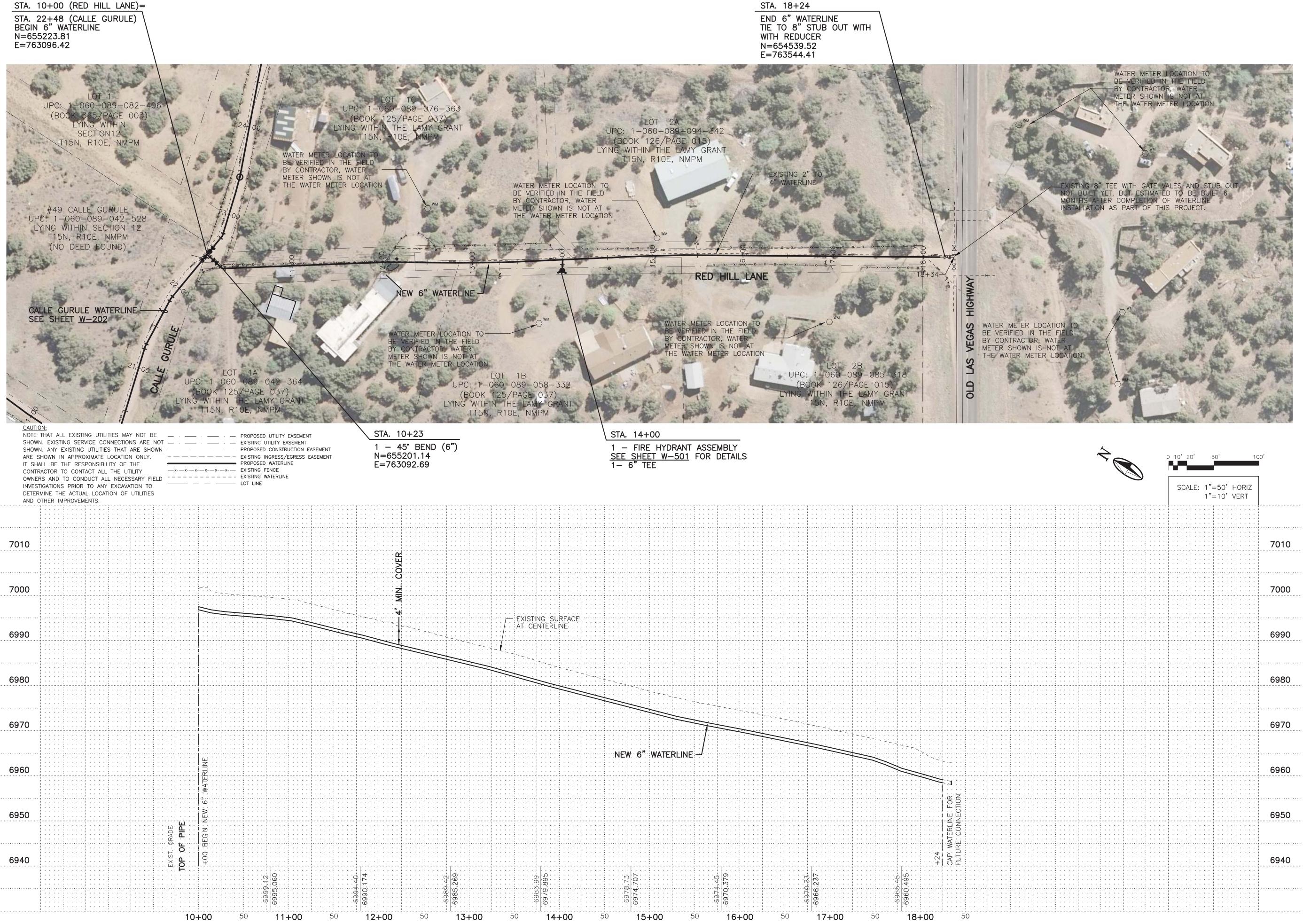


			REVISION	
		SYMBOL	DATE:	BY:
<b>S</b> A UTILITIES DIVISI		<b>TA FE CO</b> 424 nm 599,		187507
	PR	OJECT NAME:		
SANTA FE COUNTY		ANONCITO RE YSTEM IMPRO		
FOURNIER CT.	WA <sup>-</sup> TA.	TERLINE ADDI 10+00 TO STA	TIVE ALTERNA . 15+00	ATIVE 2
APPROVED BY:		REVIE	WED BY: C. TE	N EYCK
DATE: JANUARY	202	0		SHEET :

DRAWN BY: MC STAFF

W-220

STA. 10+00 (RED HILL LANE)=



#### MOLZENCORBIN

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

ALL NEW SERVICE LINES TO BE LOCATED BY THE ASSOCIATION AND/OR RESIDENT, INSTALLED BY THE CONTRACTOR TO THE PROPERTY OR EASEMENT BOUNDARY OR AS DIRECTED OTHERWISE WITHIN THE PROJECT MANUAL



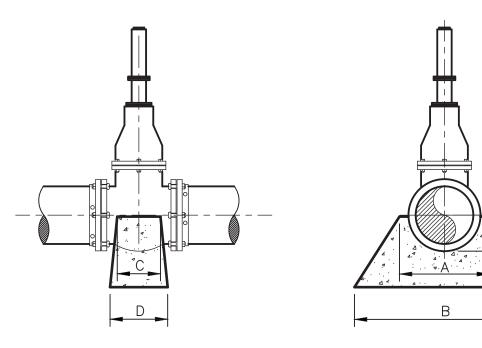
	REVISION				
	SYMBOL	DATE:	BY:		
SANTA FE COUNTY ITILITIES DIVISION 424 NM 599, SANTA FE, NM 87507					
PR	OJECT NAME:				
	CANONCITO REGIONAL WATER SYSTEM IMPROVEMENTS - PHASE II				
RED H STA.	IILL LANE WAT 10+00 TO STA	TERLINE . 18+50			
PPROVED BY:		WED BY: C. TE	EN EYCK		

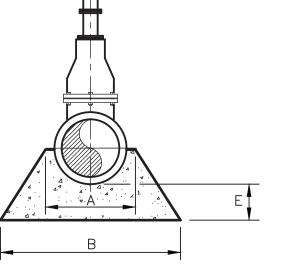
DATE: JANUARY 2020

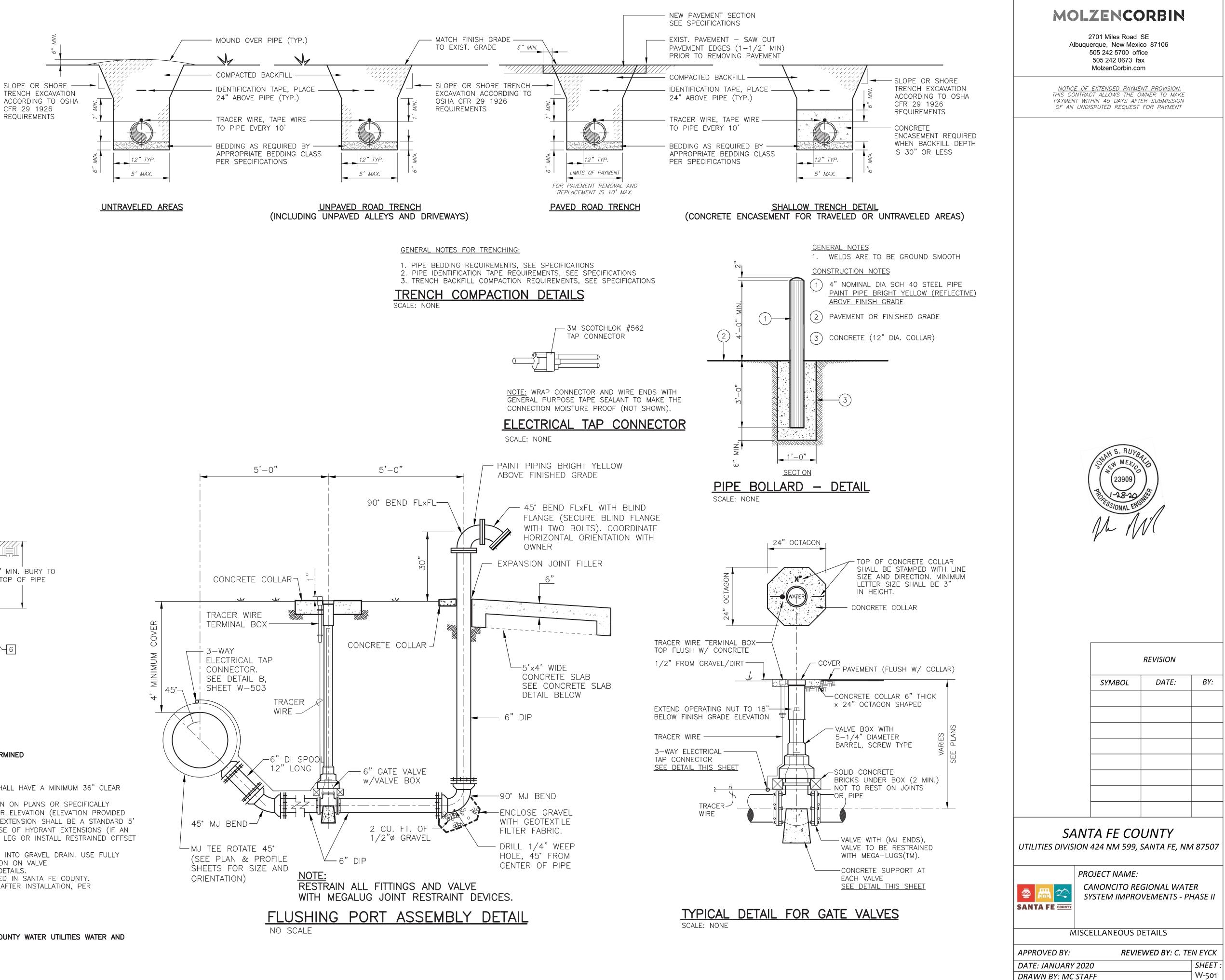
DRAWN BY: MC STAFF

SHEET :

W-221

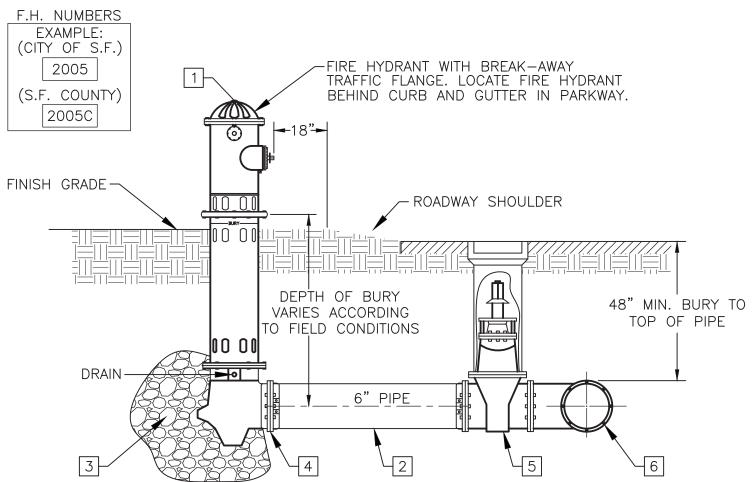






CONCRETE VALVE SUPPORT TABLE					
VALVE SIZE	А	В	С	D	E
4"	10"	20"	4"	6"	6" MIN.
6"	12"	22"	4"	8"	6" MIN.
8"	12"	22"	4"	8"	6" MIN.
10"	14"	24"	4"	8"	6" MIN.
12"	16"	24"	4"	8"	6" MIN.
14"	20"	28"	6"	12"	6" MIN.
16"	24"	36"	6"	12"	6" MIN.
18"	30"	36"	6"	12"	6" MIN.
24"	36"	42"	8"	12"	8" MIN.

#### CONCRETE VALVE SUPPORT DETAILS SCALE: NONE



#### **KEYED NOTES:**

- 1 FIRE HYDRANT
- 2 6" PIPE
- 3 1/2 CUBIC YARD 3/8" GRAVEL DRAIN W/10 MIL. PLASTIC SHEET
- 4 6" MJ RETAINER AND 6" HARNESS (IF REQUIRED)
- 5 6" MJ x FL GATE VALVE AND BOX
- 6 TEE: MJ RUN W/6" FLANGE OUTLET
- 7 2 BOLLARDS TO BE INSTALLED AT EACH HYDRANT. LOCATION TO BE DETERMINED
- $^{
  m J}$  by engineer's representative. See this sheet for bollard detail.

#### CONSTRUCTION NOTES:

- A. FIRE HYDRANT SHALL NOT BE INSTALLED NEAR ANY STRUCTURES AND SHALL HAVE A MINIMUM 36" CLEAR SPACE IN ALL DIRECTIONS.
- B. LOCATE HYDRANT 18" BEHIND BACK OF CURB UNLESS OTHERWISE SHOWN ON PLANS OR SPECIFICALLY DIRECTED BY SFC UTILITIES. HYDRANT TO BE SET PLUMB AND AT PROPER ELEVATION (ELEVATION PROVIDED BY DEVELOPER) HYDRANT INSTALLED AS PART OF A NEW DEVELOPMENT/EXTENSION SHALL BE A STANDARD 5' BURY HYDRANT AND SHALL BE SET TO FINISHED GRADE WITHOUT THE USE OF HYDRANT EXTENSIONS (IF AN ADJUSTMENT IS REQUIRED. RE-LAY THE WATER MAIN AND FIRE HYDRANT LEG OR INSTALL RESTRAINED OFFSET AS DIRECTED BY SFC UTILITIES.)
- C. WEEP HOLES MUST HAVE 1/4" PLUGS REMOVED AND BE FREE DRAINING INTO GRAVEL DRAIN. USE FULLY RESTRAINED JOINT FROM THE FIRE HYDRANT TO THE FLANGED CONNECTION ON VALVE.
- D. TRACING WIRE TO BE INSTALLED AS SHOWN ON VALVE AND TRENCHING DETAILS.
- E. NATIONAL STANDARD FIRE HOSE COUPLING SCREW THREADS ARE REQUIRED IN SANTA FE COUNTY. F. FIRE HYDRANT SHALL BE PAINTED AND REFLECTIVE NUMBERS INSTALLED AFTER INSTALLATION, PER SPECIFICATIONS ON PAGE 7, SECTION B.4.

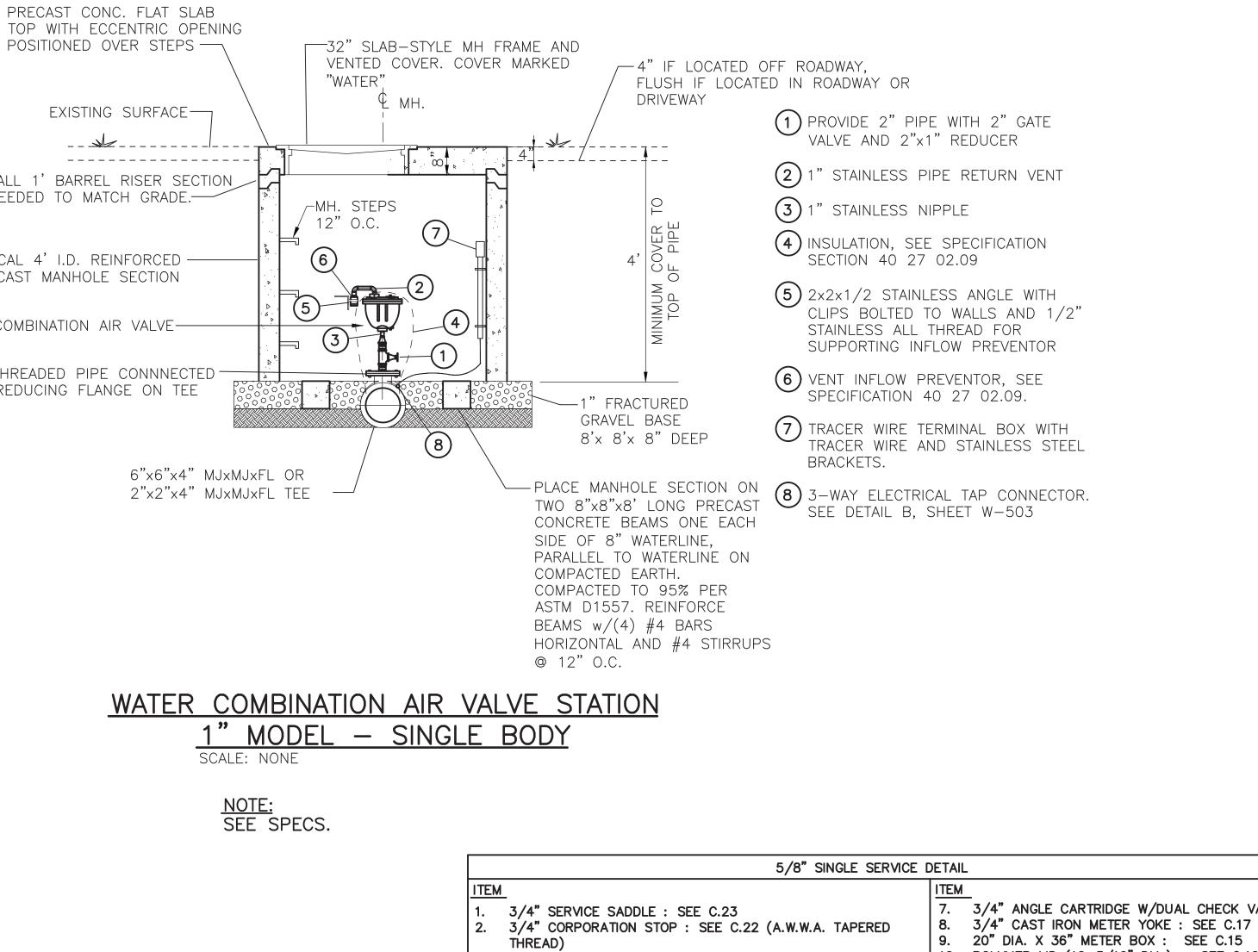
#### FIRE HYDRANT ASSEMBLY DETAIL

NOTE: DETAILS ON THIS SHEET ARE REFERENCED FROM THE SANTA FE COUNTY WATER UTILITIES WATER AND SEWER CONSTRUCTION STANDARDS AND SPECIFICATIONS.



DIAMETER AND RESTRAINED	LEINGINS			PRECAST (
PLASTIC PIPE FITTING TYPE	8–INCH	6-INCH		TOP WITH Positionei
90° HORIZONTAL BEND (EACH SIDE)	43	40		
45° HORIZONTAL BEND (EACH SIDE)	18	17		
22.5° HORIZONTAL BEND (EACH SIDE) 11.25° HORIZONTAL BEND (EACH SIDE)	8	8		EXIS
DEAD END	96	73		
VALVE (EACH SIDE)	96	73		 INSTALL 1'BAR
45" VERTICAL OFFSET (EACH SIDE OF HIGH SIDE/EACH SIDE OF LOW SIDE)		5077		IF NEEDED TO
22.5° VERTICAL OFFSET (EACH SIDE OF HIGH SIDE/EACH SIDE OF LOW SIDE)	19/4	15/3		
11.25° VERTICAL OFFSET (EACH SIDE OF HIGH SIDE/EACH SIDE OF LOW SIDE)	9/2	7/2		TYPICAL 4' I.D. PRECAST MANH
TEE FITTING (LENGTH ALONG RUN EA. SIDE OF TEE/ALONG BRANG	24 CH)	21		1" COMBINATION
EBAA IRON MEGALUG(TM) JOINT RESTRAINTS AT ALL FITTINGS	AND JOINTS WHI	CH FALL WITHIN	THE FOLLOWING	
S OF EACH SIDE OF ÈITTÍNGS AS SHOWN IN TABLE. TO NEXT LARGEST RESTRAINED LENGTH FOR ALL HORIZONTAL S FOR ALL HORIZONTAL BEND FITTING COMBINATIONS. FOR EX. 5°—BEND IN COMBO WITH A 11.25°—BEND SHOULD BE 21 FEE	AMPLE, THE REST T.	CALCULATED RE LENGTH	FOR A 6 INCH STRAINT	2" THREADED P TO REDUCING F
RESTRAINT ON EACH SIDE OF UPPER AND	HIS I			
LOWER BENDS			ACH SIDE OF BEND	
	-	E THIS SHEET)	H CALCULATED RESTRAINT LENGTH	
DEAD END FITTING -5				CONSTRUCTION NO
ILATED RESTRAINT LENGTH			ATED	A. UNDISTURBED EARTH B. 12"X 12"MIN.
EE TABLE THIS SHEET)	RESTRAINT ON TEE BRANCH			C. INSTALL CONCRETE BLC AT ALL DEAD END LINE
		C	CALCULL CALCULL EE TABLE TI	
		E		
ON LARGE SIDE OF REDUCER				
REDUCER FITTING		TEE	FITTING	
$\left\{ \right\}$				
PIPE RESTRAINT REQUIE	REMENTS	5		
				PLAN
				CONCRET SCALE: NONE
				SUALE: NUNE

DIAMETER AND RESTRAINED LENGTHS (FEET)

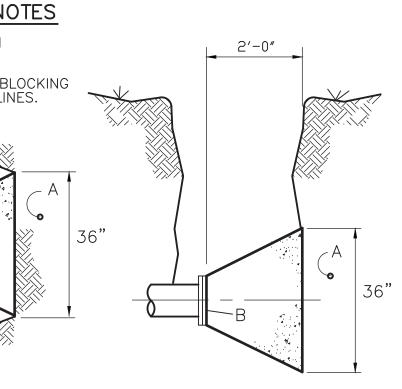


3/4" COPPER TUBBING (TYPE "K"): SEE C.13 3/4" ANGLE VALVE : SEE C.18 4.

3/4" EXPANSION CONNECTION : SEE C.20 (5/8" X 3/4" 5. M.T.R. CONNECTION) 6. 5/8" X 3/4" NEPTUNE T-10 WATER METER W/E-CODER

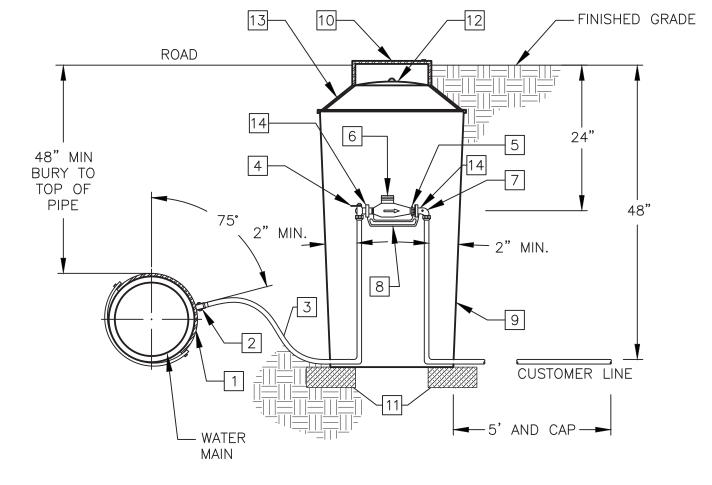
R900/ REGISTER AND RADIO TRANSMITTER

NOTE: SEE APPROVED CONSTRUCTION PLANS FOR SERVICE LOCATION DETAIL FOR PLACEMENT DIMENSIONS AND DIRECTIONS. NOTE: DETAILS ON THIS SHEET ARE REFERENCED FROM THE SANTA FE COUNTY WATER UTILITIES WATER AND SEWER CONSTRUCTION STANDARDS AND SPECIFICATIONS. SEE APPENDIX B OF PROJECT MANUAL FOR COUNTY STANDARDS SECTION C - APPROVED MATERIALS LIST.



**ELEVATION** 

# ETE BLOCKING DETAILS



5/8" SINGLE SERVICE DETAIL - FOR INFORMATIONAL PURPOSES NOT TO SCALE



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



3/4" ANGLE CARTRIDGE W/DUAL CHECK VALVE: SEE C.19 10. POLYMER LID (12-5/16" DIA.) : SEE C.16 11. BLOCKS - USE AS DIRECTED BY SFC UTILITIES 12. INNER ALUMINUM FROST LID : SEE C.16 13. DOUBLE LID COVER : SEE C.16 (20" DIA. X 11-1/2" DIA. INNER OPENING) 14. 3/4" COPPER TUBING (TYPE "K"): SEE C.13

			REVISION		
		SYMBOL	DATE:	BY:	
SANTA FE COUNTY					
UTILITIES DIVIS	ION	424 NM 599,	SANTA FE, NN	187507	
	PRO	DJECT NAME:			
<u>مَ</u>	CANONCITO REGIONAL WATER SYSTEM IMPROVEMENTS - PHASE II				
SANTA FE COUNTY	51			" (SE 11	
MISCELLANEOUS DETAILS					
APPROVED BY:	202		EWED BY: C. TE		
			<i>SHEET :</i> W-502		
UNAVVIN DI IVIC	STAI	Γ <b>Γ</b>			



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

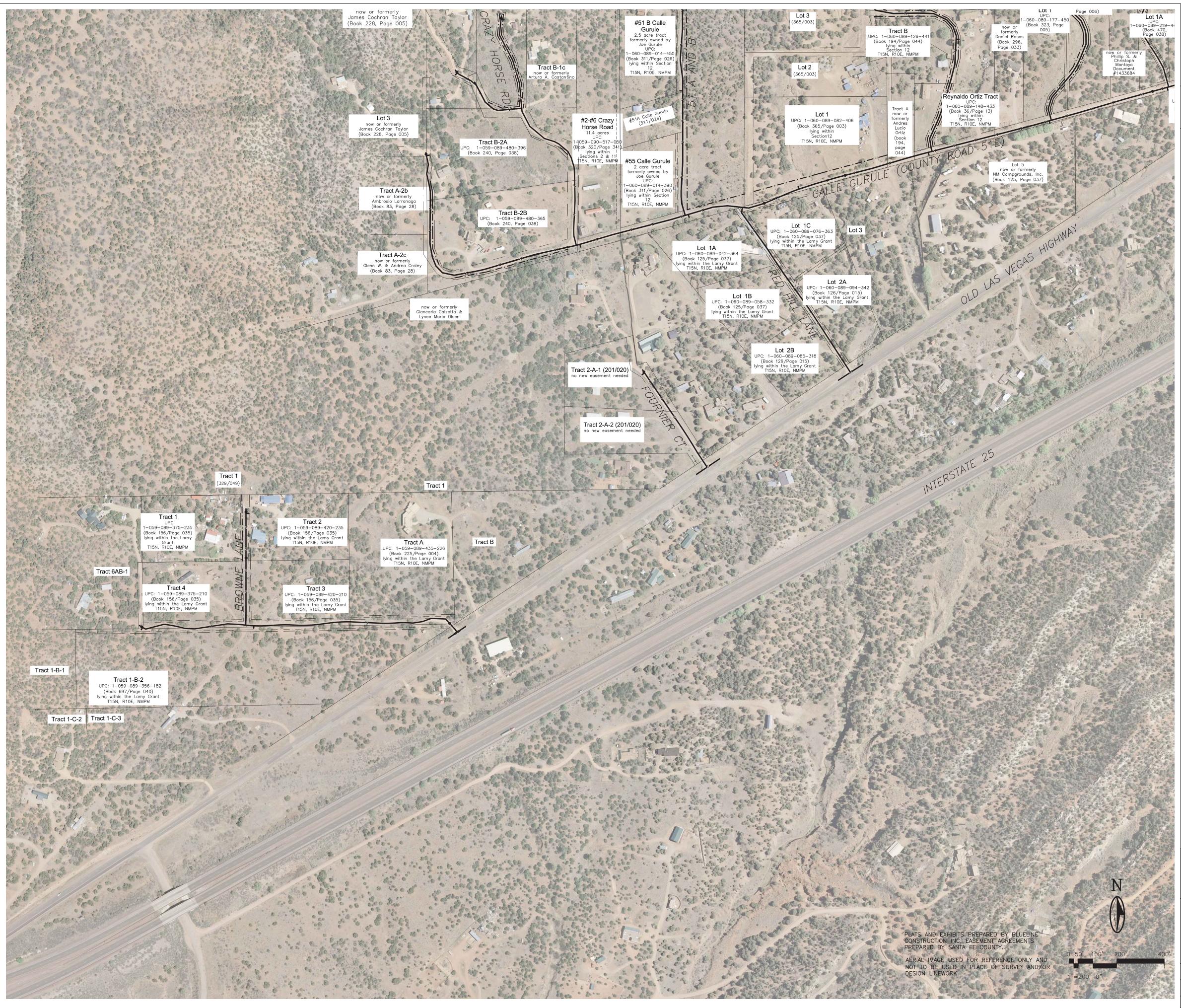
<u>NOTICE OF EXTENDED PAYMENT PROVISION:</u> THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT

REVISION DATE: SYMBOL BY: SANTA FE COUNTY UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507 PROJECT NAME: CANONCITO REGIONAL WATER SYSTEM IMPROVEMENTS - PHASE II SANTA FE COUNTY

EXISTING WATER METER MAP (REFERENCE)

**-**

APPROVED BY: REVIEWED BY: C. TEN EYCK DATE: JANUARY 2020 SHEET : REF1 DRAWN BY: MC STAFF



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

<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:

 Image: Symbol
 Image: Symbol
 Image: Symbol

 Image: Symbol
 Image: Symbol

 <t

#### SANTA FE COUNTY

UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507



PROJECT NAME: CANONCITO REGIONAL WATER SYSTEM IMPROVEMENTS - PHASE II

UTILITY EASEMENTS LOCATION MAP 1

APPROVED BY:	REVIEWED BY: C. TEN EYCK		
DATE: JANUARY 2020		SHEET :	
DRAWN BY: MC STAFF		REF2	



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

<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:

 Image: Symbol
 Image: Symbol
 Image: Symbol

 Image: Symbol
 Image: Symbol

#### SANTA FE COUNTY

UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507



PROJECT NAME: CANONCITO REGIONAL WATER SYSTEM IMPROVEMENTS - PHASE II

UTILITY EASEMENTS LOCATION MAP 2

APPROVED BY:	REVIEWED BY: C. TEN EYCK		
DATE: JANUARY 2020		SHEET :	
DRAWN BY: MC STAFF		REF3	