



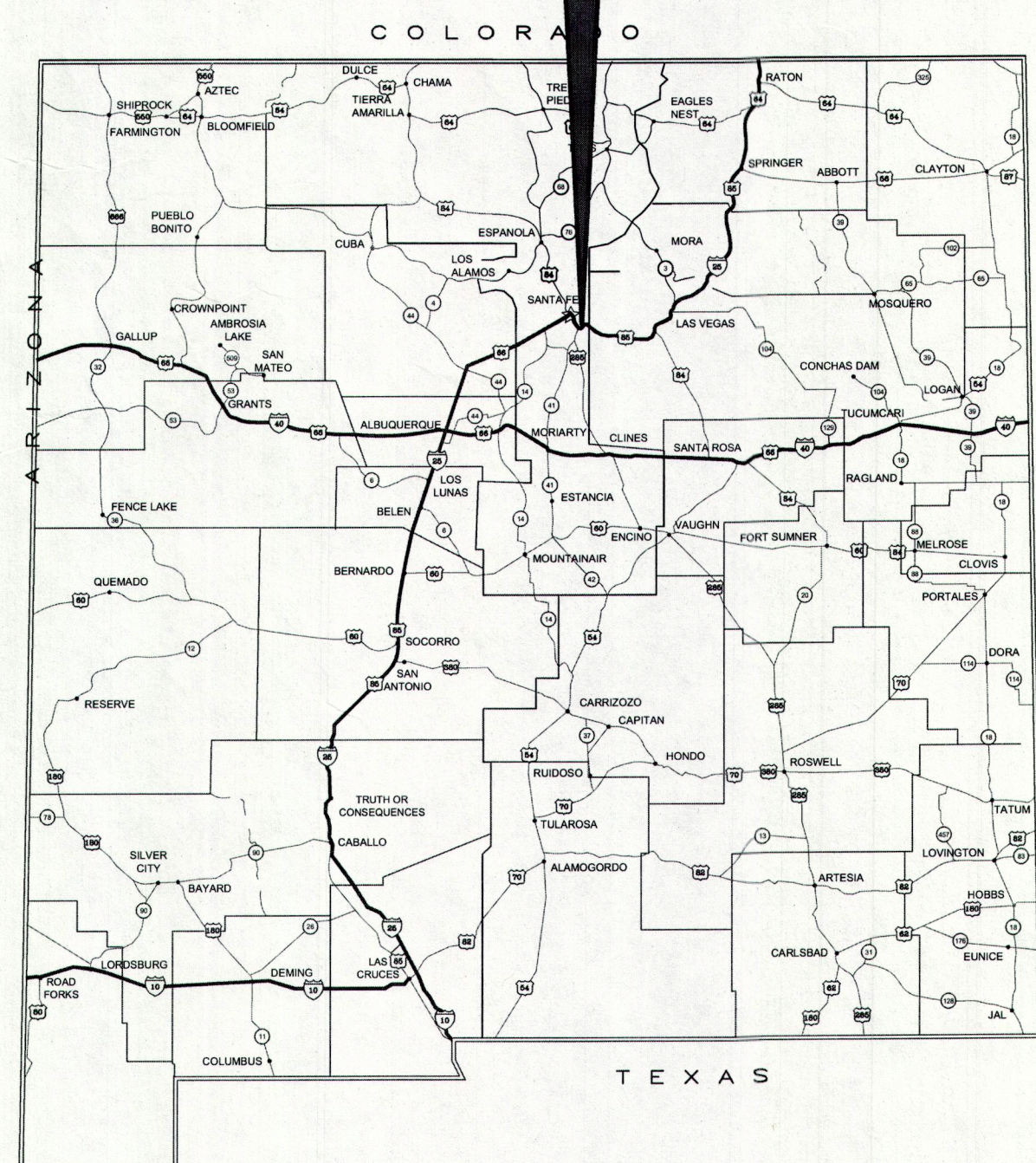
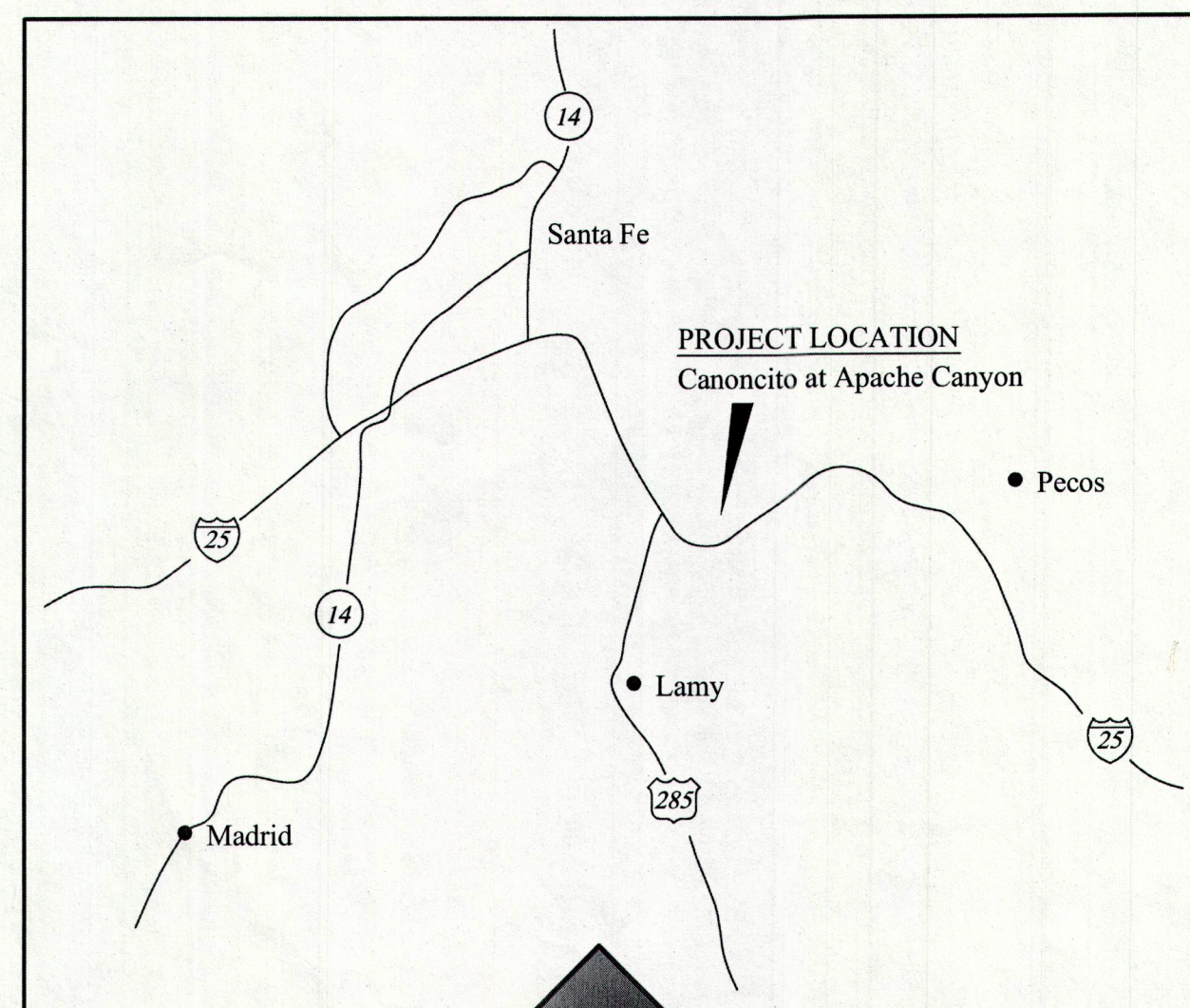
SANTA FE COUNTY
100 CATRON STREET
SANTA FE, NEW MEXICO

JANUARY 2020

construction plans for the

CAÑONCITO REGIONAL WATER SYSTEM IMPROVEMENTS PHASE II

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



VICINITY MAP

DESCRIPTION	REV DATE	REV NO	NUMERIC SCALE CONFIRMATION
			DRAWINGS ARE DEPICTED AT INTENDED NUMERIC SCALES IF THIS BAR EQUALS ONE INCH

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.

SANTA FE COUNTY PUBLIC WORKS

424 NM SR 599
SANTA FE, NEW MEXICO 87504
TELEPHONE NO.: 505-992-3010

SANTA FE COUNTY APPROVALS

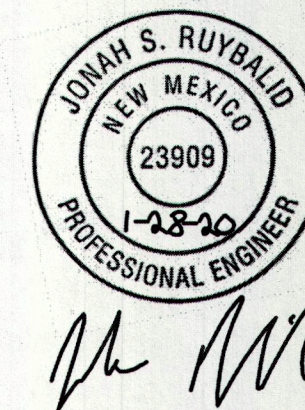
SFC Fire Marshal [Signature] Date: 2/24/2020
SFC P/W Director [Signature] Date: 02/20/20
SFC Water Utilities Division Director [Signature] Date: 2-20-20
SFC Land Use Director [Signature] Date: 2-25-2020

WATER RESOURCES

Molzen Corbin
Jonah S. Ruybalid, P.E.

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

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

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



[Signature]

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

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INDEX TO DRAWINGS

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3	G-003	CONSTRUCTION NOTES AND PUBLIC UTILITY CONTACTS
4	W-101	PROJECT LOCATION MAP
5	W-201	CALLE GURULE WATERLINE STA. 10+00 TO STA. 22+00
6	W-202	CALLE GURULE WATERLINE STA. 22+00 TO STA. 34+50
7	W-203	CALLE GURULE WATERLINE STA 34+50 TO STA. 47+50
8	W-204	CALLE GURULE "A" WATERLINE STA. 10+00 TO STA. 16+00
9	W-205	CRAZY HORSE ROAD WATERLINE STA. 10+00 TO STA. 20+00
10	W-206	BUFFALO CANYON WATERLINE STA. 10+00 TO STA. 14+00
11	W-207	51 A & B WATERLINE STA. 10+00 TO STA. 20+00
12	W-208	CAMINO APOLONIA WATERLINE STA. 10+00 TO STA. 17+50
13	W-209	CAMINO APOLONIA WATERLINE STA. 17+50 TO STA. 29+00
14	W-210	CAMINO APOLONIA WATERLINE STA. 29+00 TO STA. 41+50
15	W-211	GURULE LANE WATERLINE STA. 10+00 TO STA. 20+00
16	W-212	GURULE LANE WATERLINE STA. 20+00 TO STA. 23+50
17	W-213	LEAL ROAD WATERLINE STA. 10+00 TO STA. 20+00
18	W-214	LEAL ROAD WATERLINE STA. 20+00 TO STA. 23+00
19	W-215	CERRO GURULE WATERLINE STA. 10+00 TO STA. 20+00
20	W-216	CERRO GURULE WATERLINE STA. 20+00 TO STA. 28+00
21	W-217	CALLE CANONCITO WATERLINE STA. 10+00 TO STA. 17+00
22	W-218	CALLE CANONCITO WATERLINE STA. 17+00 TO STA. 24+00
23	W-219	BROWNE LANE WATERLINE STA. 10+00 TO STA. 14+88
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27	W-502	MISCELLANEOUS DETAILS
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29	REF-2	UTILITY EASEMENTS LOCATION MAP 1
30	REF-3	UTILITY EASEMENTS LOCATION MAP 2

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

GENERAL 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 IS 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 COMPLETENESS 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
 3. AN ORDINANCE REGULATING PROCEDURES FOR WORKING IN, DISTURBING AND REPAIRING COUNTY PROPERTY AND RIGHTS-OF-WAY.
 3. NMDOT SPECIFICATIONS.

WATERLINE CONSTRUCTION

1. 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.
2. LOCATION OF LINES AND FITTINGS SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN ON THESE DRAWINGS.
3. 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.
4. 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.
5. 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 TRENCHES SHALL BE EXCAVATED IN ALL CASES.
7. 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 DEPARTMENT'S 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

1. SHADING AND BEDDING MATERIAL SHALL BE TYPE IV, CLASS 1 FOR DIRECT BURY CABLE, AND TYPE IV, CLASS 2 FOR CABLE IN CONDUIT. TYPE III 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.
3. 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.
2. 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.
3. 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.
4. 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 SWEEPED AND REMOVED IMMEDIATELY UPON DEPOSITION.
5. SILT FENCES OR WADDLES MEETING EPA REQUIREMENTS FOR SEDIMENT CONTROL SHALL BE INSTALLED AT ALL SLOPES IN STRICT ACCORDANCE WITH SWPPP PLAN.
6. CONTRACTOR SHALL DISPOSE OF ITEMS DESIGNATED FOR REMOVAL WITHOUT SALVAGE, WHICH ARE UNSUITABLE 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.
8. 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 EQUIPMENT'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 GREGIO, COMPLIANCE OFFICER AT THE CITY OF SANTA FE (505) 955-6516 TO OBTAIN A DUST CONTROL PERMIT.

NMDOT NOTES

1. WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE NMDOT'S STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION AND TO THE SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.
2. WORK SHALL BE PERFORMED SO THAT DANGER, INCONVENIENCE, AND DELAY TO THE TRAVELING PUBLIC IS HELD TO A MINIMUM.
3. PLANS TO PROTECT AND HANDLE TRAFFIC DURING CONSTRUCTION SHALL BE SUBMITTED FOR REVIEW TO NMDOT PRIOR TO CONSTRUCTION
4. ALL TEMPORARY TRAFFIC CONTROL ASSOCIATED WITH WORK IN NMDOT RIGHT-OF-WAY MUST FULLY MEET THE 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 TO MAP-21

LEGEND

	WATER METER		CONTROL POINT
	GATE VALVE		COMBINATION AIR VALVE
	FIRE HYDRANT ASSEMBLY		
	TEE		
	TEST BORE		

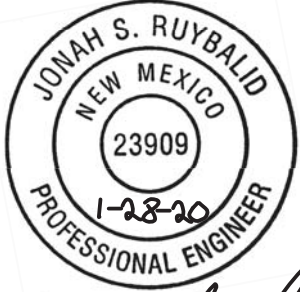
ABBREVIATIONS

ALUM	ALUMINUM
AV	AIR VALVE
AWWA	AMERICAN WATER WORKS ASSOCIATION
CAV	COMBINATION AIR VALVE
CMP	CORRUGATED METAL PIPE
DIP	DUCTILE IRON PIPE
DPCO	DOUBLE PRESSURE CLEANOUT
DR	DIAMETER RATIO
FT	FOOT
LF	LINEAR FEET
LOE	LIMIT OF EXCAVATION
MJ	MECHANICAL JOINT
NMDOT	NEW MEXICO DEPARTMENT OF TRANSPORTATION
NTS	NOT TO SCALE
Ø	DIAMETER
OPR	OWNER'S PROJECT REPRESENTATIVE
PG	PAGE
PRV	PRESSURE REDUCING VALVE
PVC	POLYVINYL CHLORIDE
ROW	RIGHT OF WAY
SFCO	SANTA FE COUNTY
STA	STATION
WL	WATERLINES

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



Handwritten signature of Jonah S. Ruyraid

SANTA FE COUNTY

UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507



PROJECT NAME:
CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II

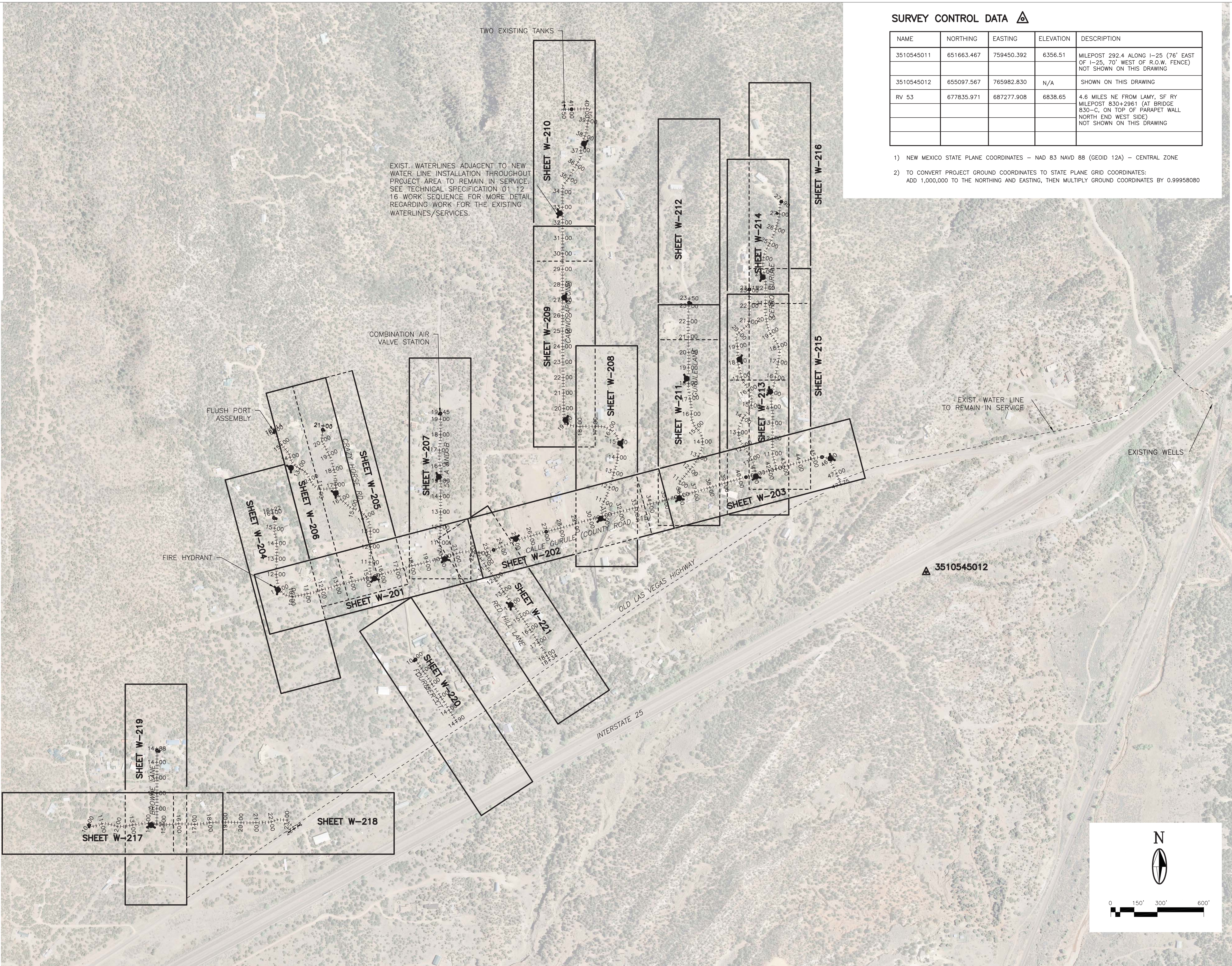
CONSTRUCTION NOTES AND
PUBLIC UTILITY CONTACTS

APPROVED BY: REVIEWED BY: C. TEN EYCK

DATE: JANUARY 2020	SHEET :
DRAWN BY: MC STAFF	G-003

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	LERROY ALVARADO
CANONCITO MUTUAL DOMESTIC WATER			1-505-913-0685	RUDY MARTINEZ



SURVEY CONTROL DATA

NAME	NORTHING	EASTING	ELEVATION	DESCRIPTION
3510545011	651663.467	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
3510545012	655097.567	765982.830	N/A	SHOWN ON THIS DRAWING
RV 53	677835.971	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

- 1) NEW MEXICO STATE PLANE COORDINATES – NAD 83 NAVD 88 (GEOID 12A) – CENTRAL ZONE
- 2) TO CONVERT PROJECT GROUND COORDINATES TO STATE PLANE GRID COORDINATES: ADD 1,000,000 TO THE NORTHING AND EASTING, THEN MULTIPLY GROUND COORDINATES BY 0.99958080

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



[Signature]

REVISION

SYMBOL	DATE:	BY:

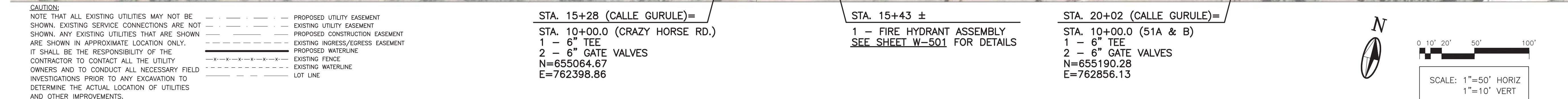
SANTA FE COUNTY
UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

PROJECT NAME:
CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II



PROJECT LOCATION MAP

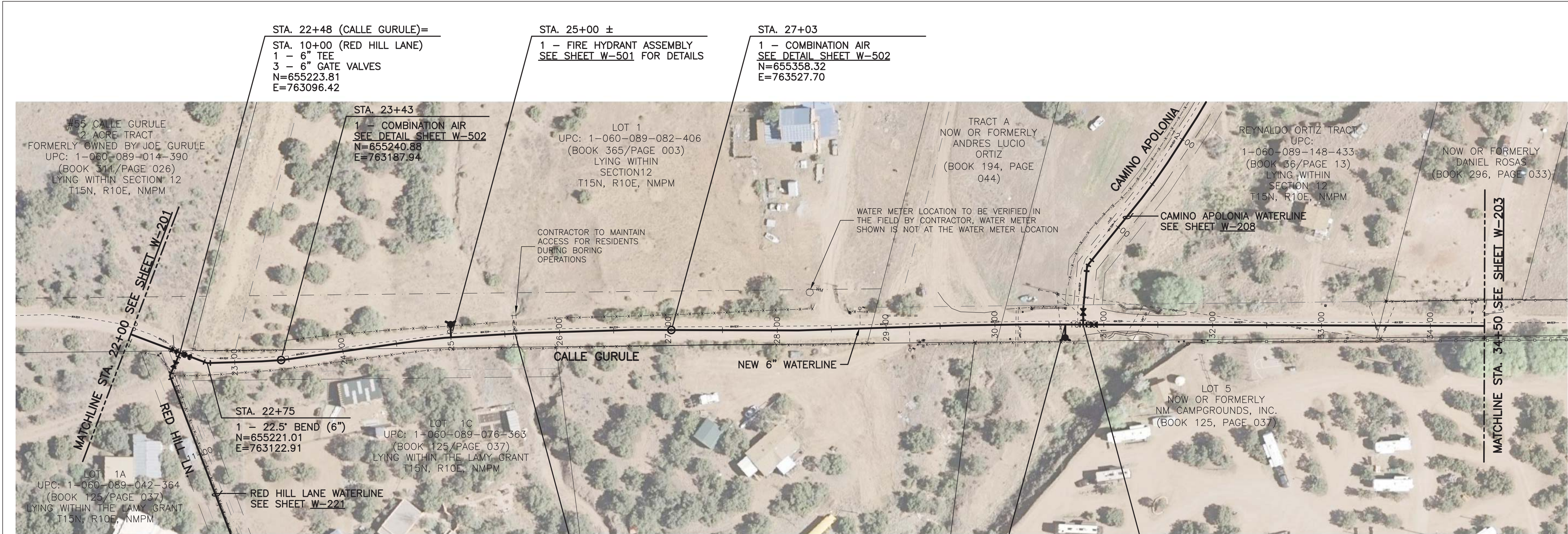
APPROVED BY: REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020 SHEET :
DRAWN BY: MC STAFF W-101



Professional Engineer Seal for Jonah S. Ruybalid, New Mexico, No. 23909, Exp. 1-28-20.

[illegible]

APPROVED BY:		REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020		SHEET W-201
DRAWN BY: MC STAFF		



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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

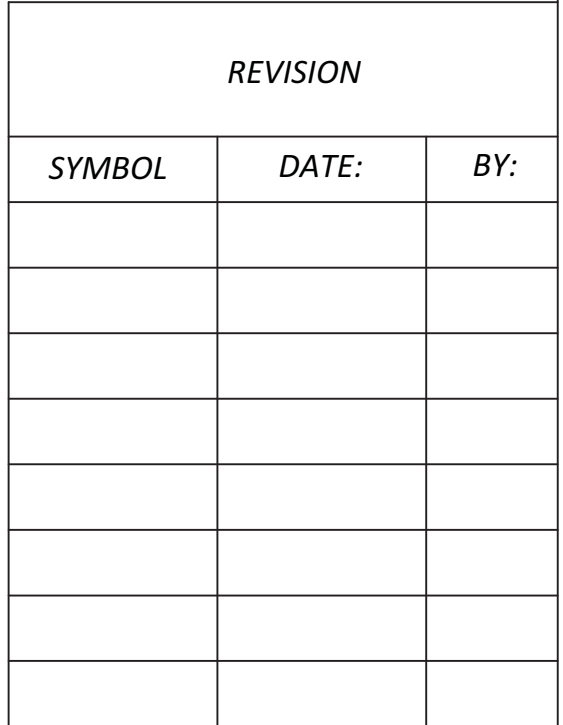
PROJECT NAME:
CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II

CALLE GURULE WATERLINE
STA. 22+00 TO STA. 34+50

APPROVED BY: REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020 SHEET :
DRAWN BY: MC STAFF W-202

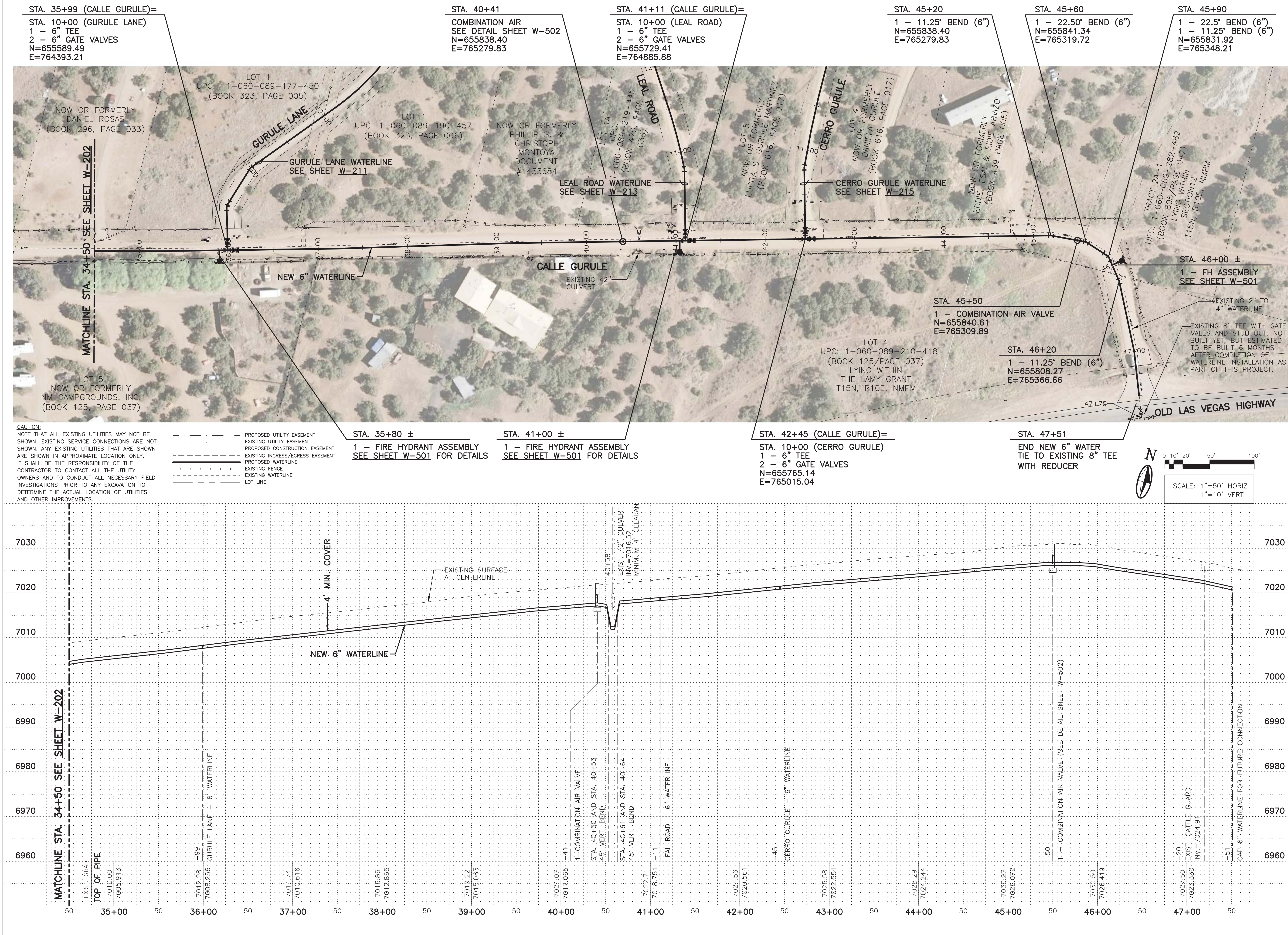
2701 Miles Road SE
Albuquerque, New Mexico 87106
505 242 5700 office
505 242 0673 fax
MolzenCorbin.com

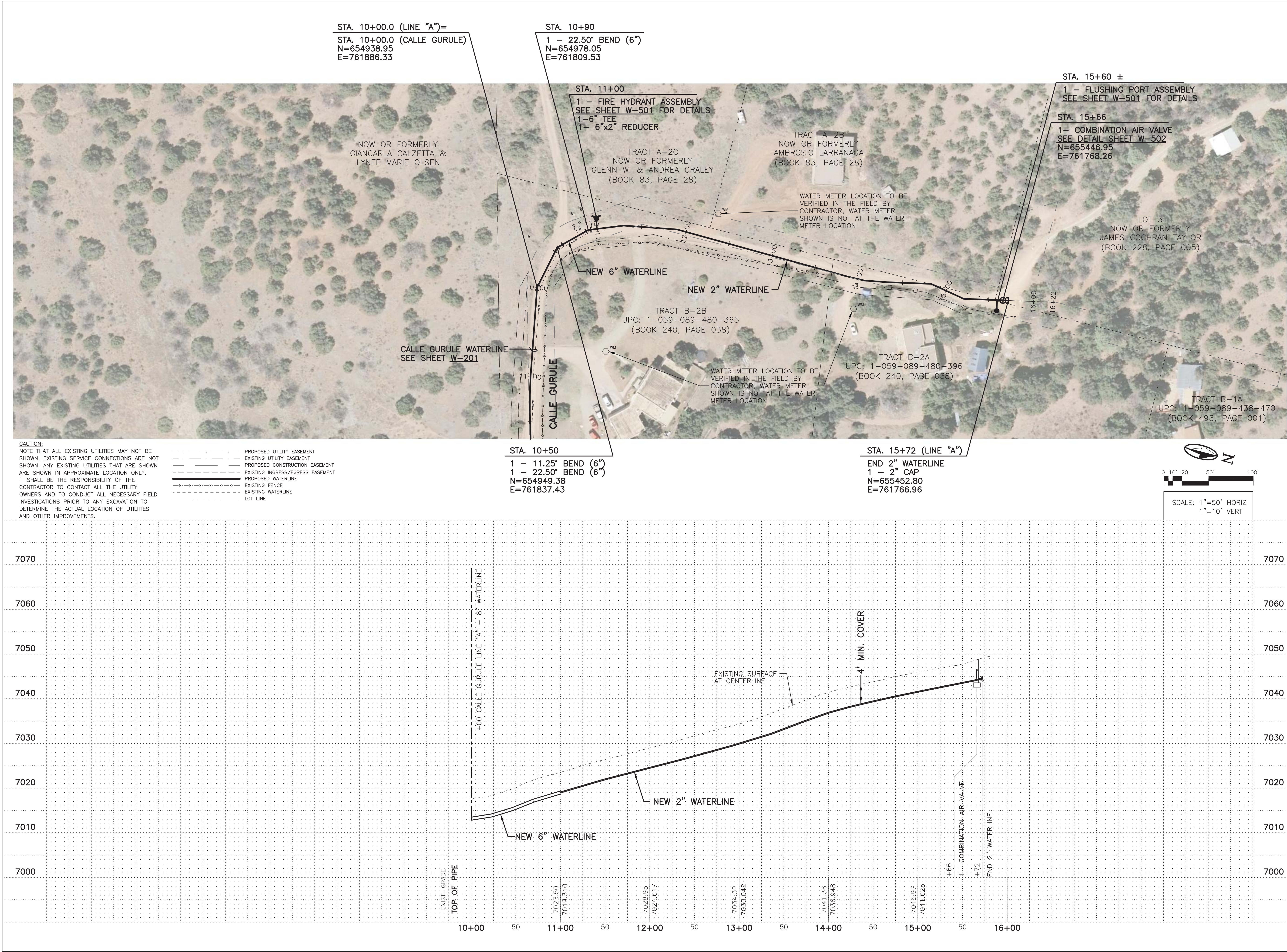
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OTHERWISE WITHIN THE PROJECT
MANUAL



SANTA FE COUNTY

APPROVED BY:		REVIEWED BY: C. TEN EYCK	
DATE: JANUARY 2020		SHEET:	
DRAWN BY: MC STAFF		W-203	





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505 242 5700 office
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REVISION		
SYMBOL	DATE:	BY:

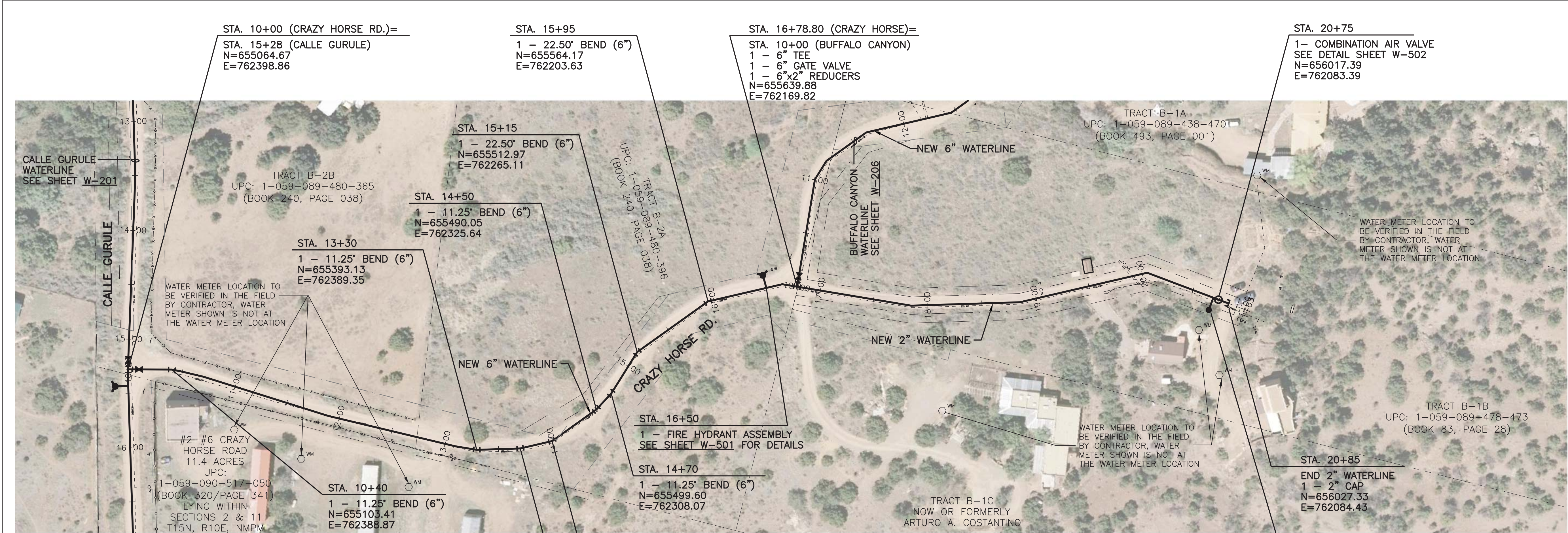
SANTA FE COUNTY
UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

PROJECT NAME:
CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II

CALLE GURULE "A" WATERLINE
STA. 10+00 TO STA. 16+00

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

REVIEWED BY: C. TEN EYCK
SHEET: W-204

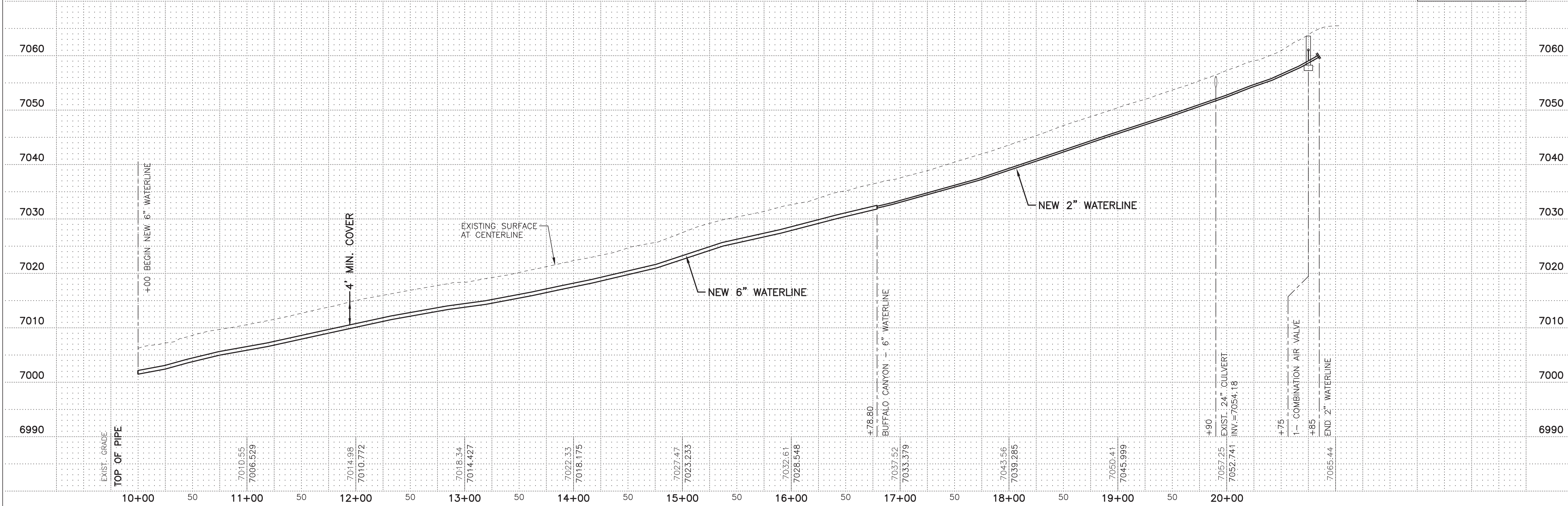


CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE SHOWN IN APPROXIMATE LOCATION ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS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

- PROPOSED UTILITY EASEMENT
- EXISTING UTILITY EASEMENT
- PROPOSED CONSTRUCTION EASEMENT
- EXISTING INGRESS/EGRESS EASEMENT
- PROPOSED WATERLINE
- EXISTING FENCE
- EXISTING WATERLINE
- LOT LINE

STA. 13+70
1 - 11.25' BEND (6")
N=655431.49
E=762378.02

STA. 14+00
1 - 22.50' BEND (6")
N=655458.05
E=762364.07



SCALE: 1"=50' HORIZ
1"=10' VERT

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Albuquerque, New Mexico 87106
505 242 5700 office
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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

CRAZY HORSE ROAD WATERLINE
STA. 10+00 TO STA. 20+00

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

REVIEWED BY: C. TEN EYCK
SHEET: W-205

MOLZENCORBIN

2701 Miles Road SE
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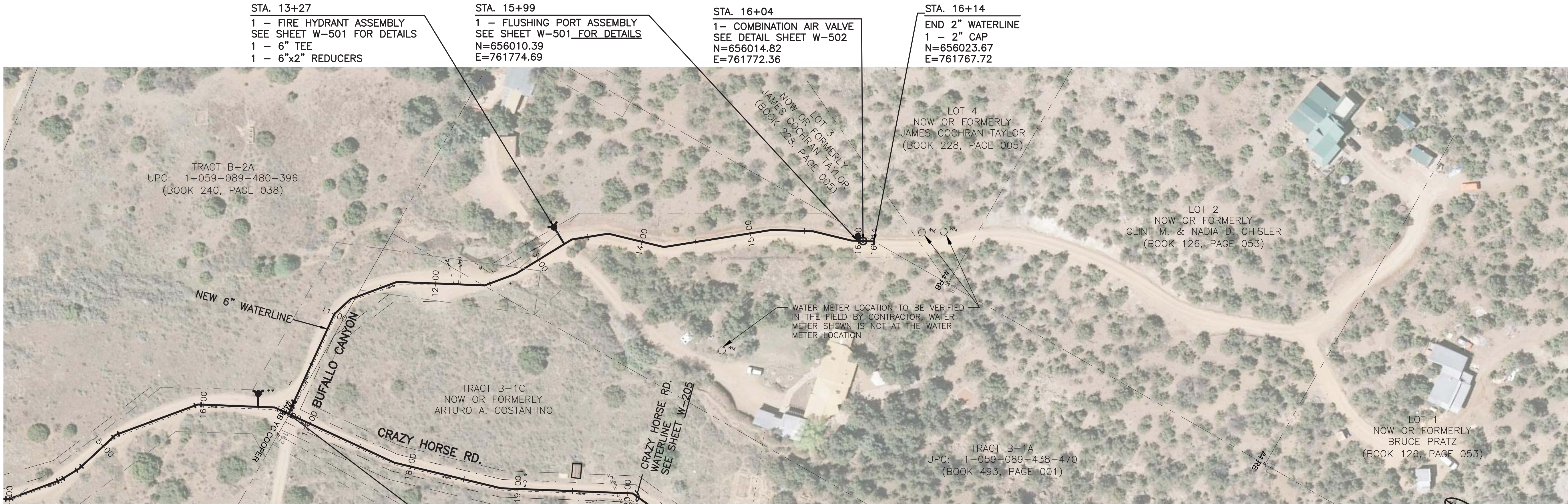
[Signature]

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

PROJECT NAME:
CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II

BUFFALO CANYON WATERLINE
STA. 10+00 TO STA. 14+00

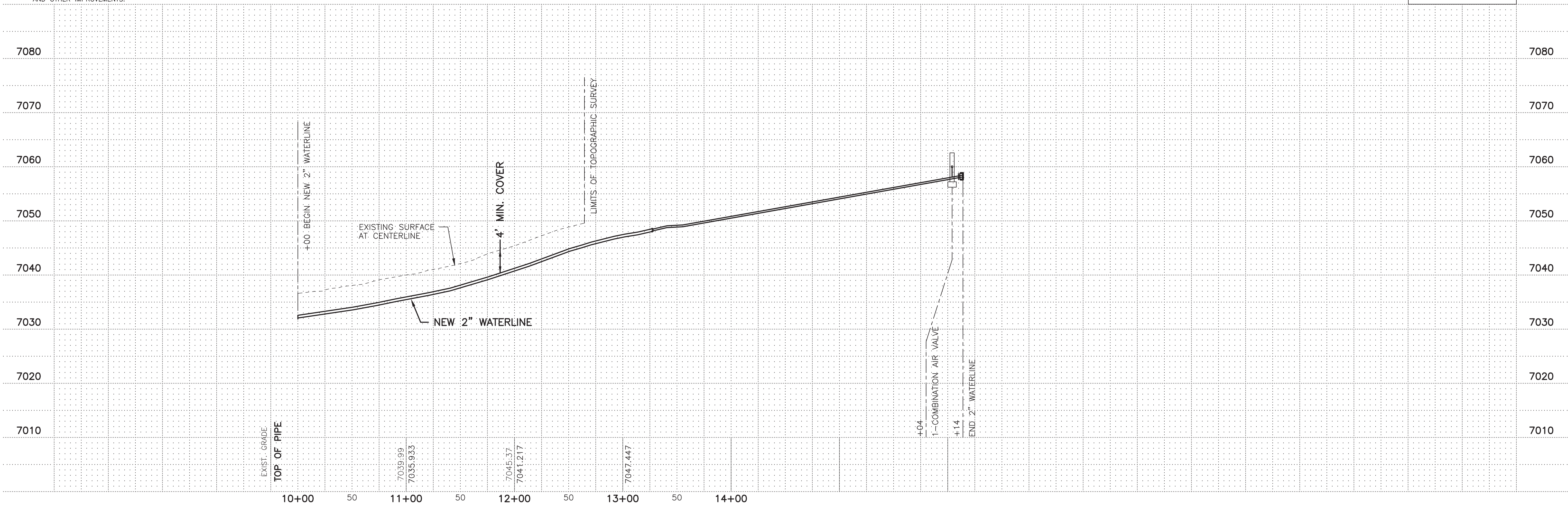
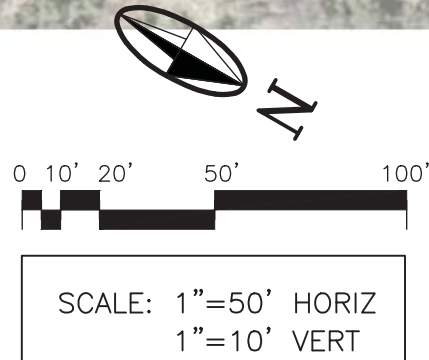
APPROVED BY: REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020 SHEET :
DRAWN BY: MC STAFF W-206

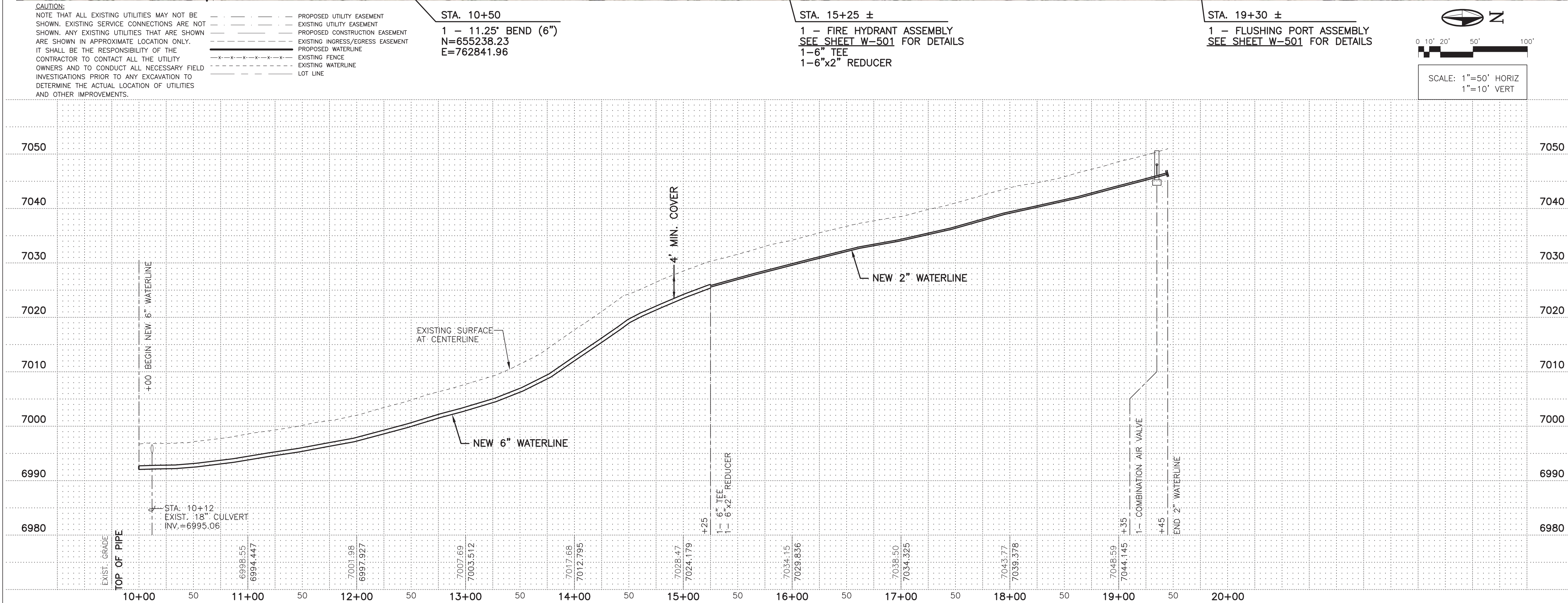


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--- EXISTING UTILITY EASEMENT
--- PROPOSED CONSTRUCTION EASEMENT
--- EXISTING INGRESS/EGRESS EASEMENT
--- PROPOSED WATERLINE
--- EXISTING FENCE
--- EXISTING WATERLINE
--- LOT LINE

STA. 10+00 (BUFFALO CANYON)=
STA. 16+78.80 (CRAZY HORSE RD.)
N=655639.88
E=762169.82





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Albuquerque, New Mexico 87106
505 242 5700 office
505 242 0673 fax
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NOTICE OF EXTENDED PAYMENT PROVISION:
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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

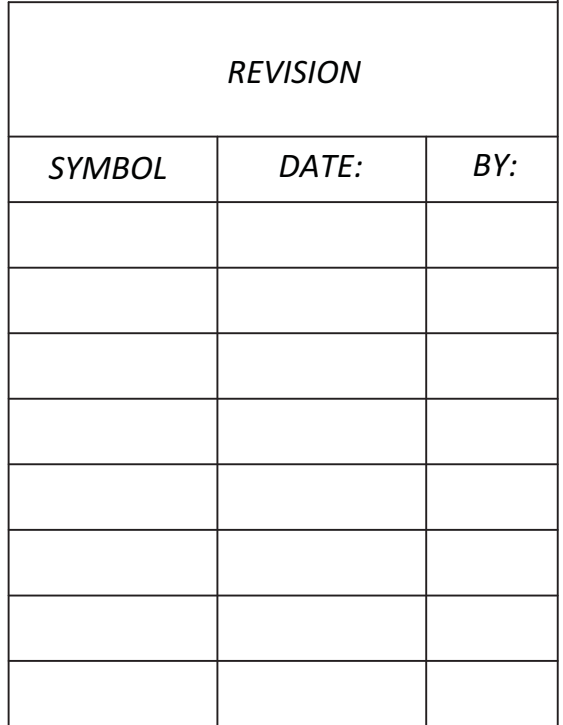
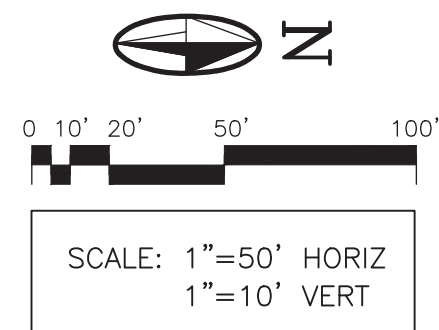
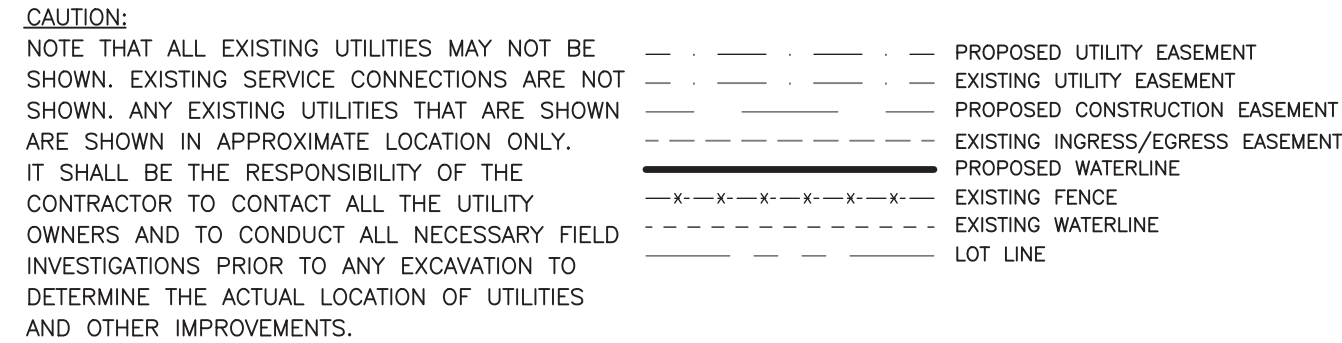
51 A & B WATERLINE
STA. 10+00 TO STA. 20+00

APPROVED BY: REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020 SHEET :
DRAWN BY: MC STAFF W-207

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

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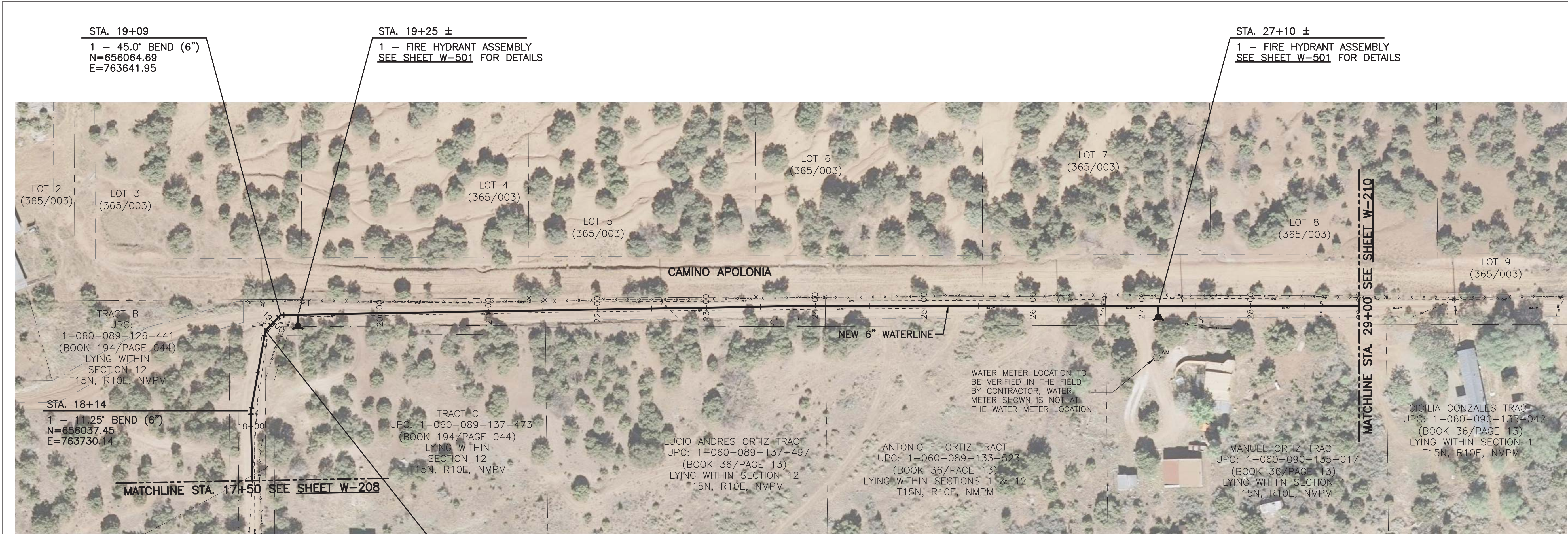
SANTA FE COUNTY
UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

PROJECT NAME:

CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II

CAMINO APOLONIA WATERLINE
STA. 10+00 TO STA. 17+50

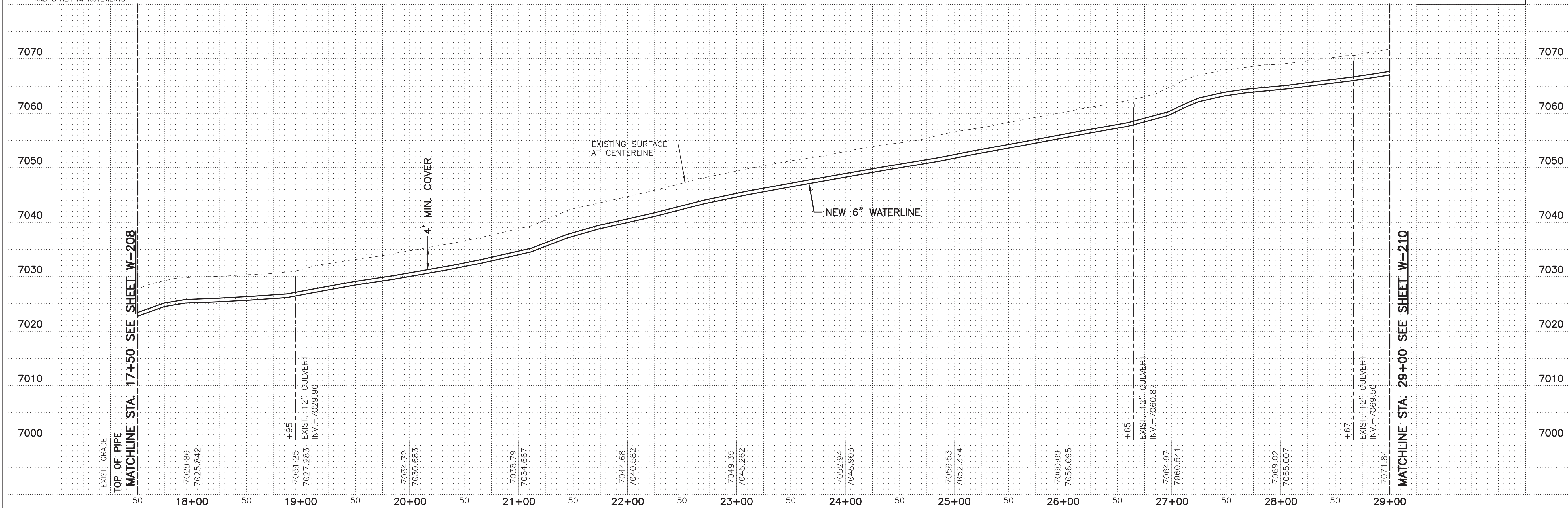
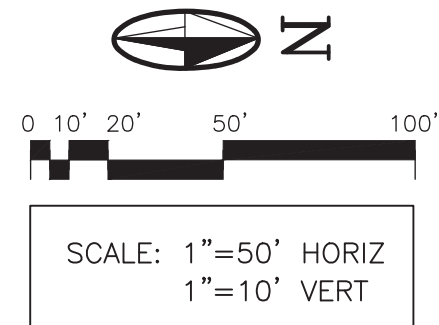
APPROVED BY:		REVIEWED BY: C. TEN EYCK	
DATE: JANUARY 2020		SHEET:	
DRAWN BY: MC STAFF		W-208	



CAUTION:
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.

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--- EXISTING UTILITY EASEMENT
--- PROPOSED CONSTRUCTION EASEMENT
--- EXISTING INGRESS/EGRESS EASEMENT
--- PROPOSED WATERLINE
--- EXISTING FENCE
--- EXISTING WATERLINE
--- LOT LINE

STA. 18+89
1 - 22.5' BEND (6")
1 - 11.25' BEND (6")
N=656050.80
E=763656.34



MOLZENCORBIN

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

SYMBOL	DATE:	BY:

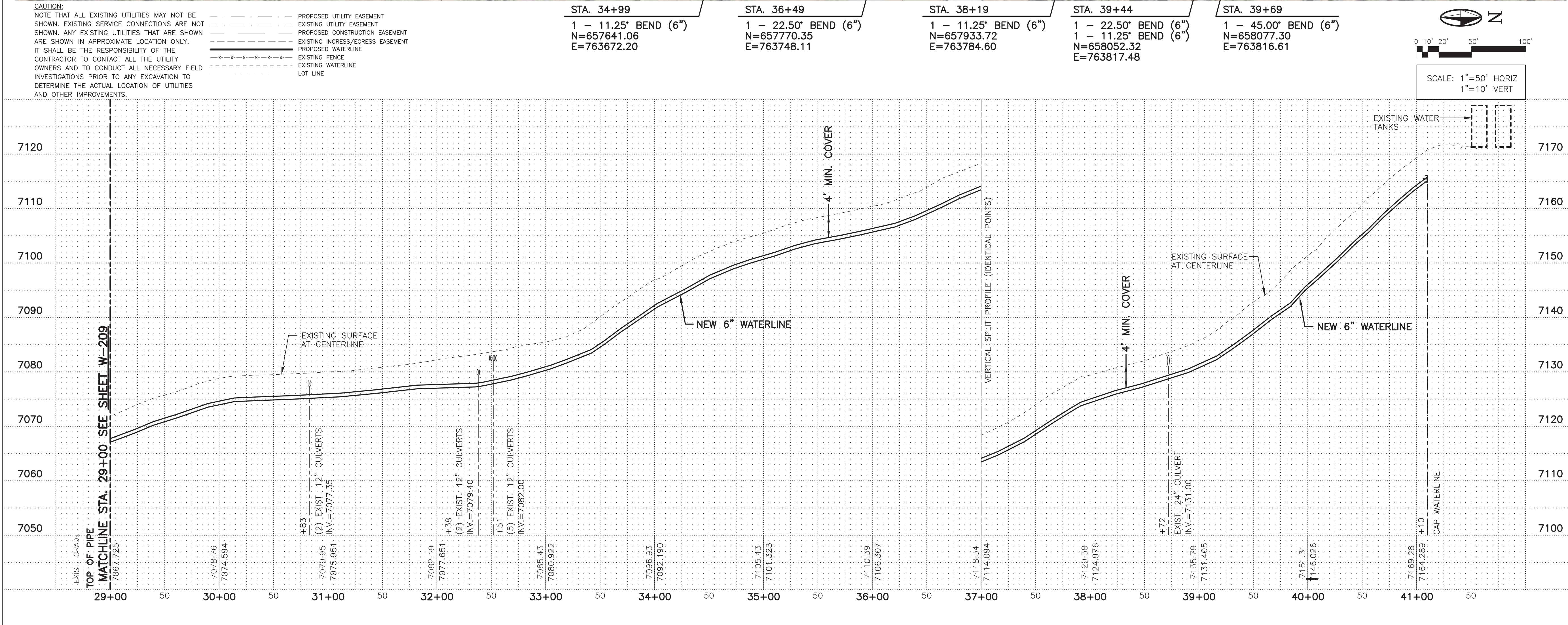
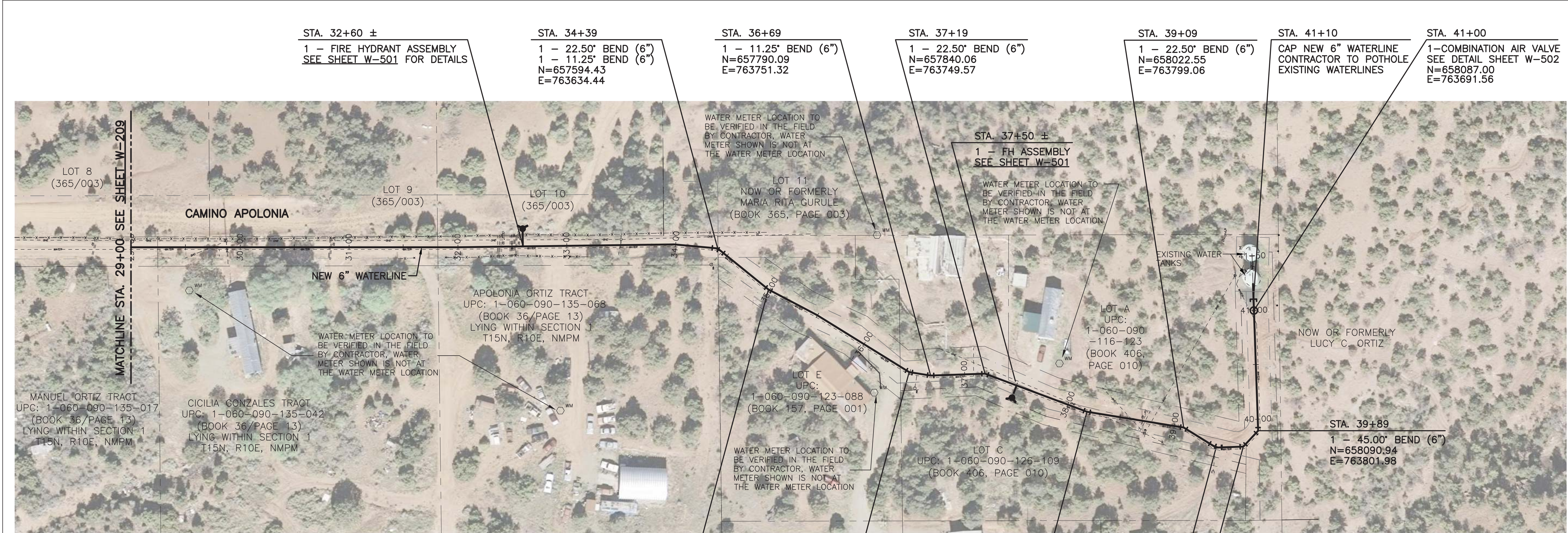
SANTA FE COUNTY
UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

PROJECT NAME:
CANONCITO REGIONAL WATER SYSTEM IMPROVEMENTS - PHASE II

CRAZY HORSE ROAD WATERLINE
STA. 17+50 TO STA. 29+00

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

SHEET :
W-209



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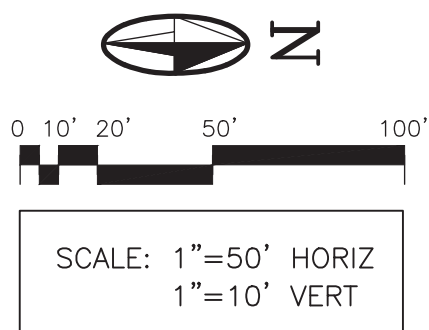
2701 Miles Road SE
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[Signature]



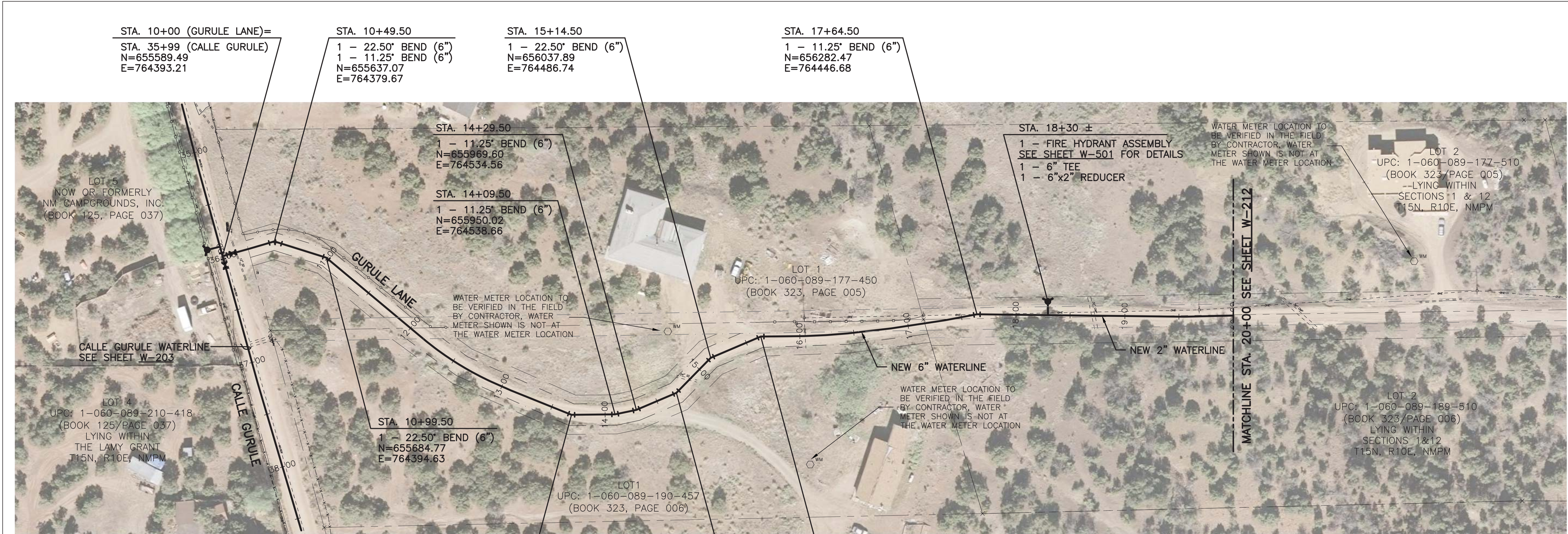
REVISION		
SYMBOL	DATE:	BY:

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

PROJECT NAME:
CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II

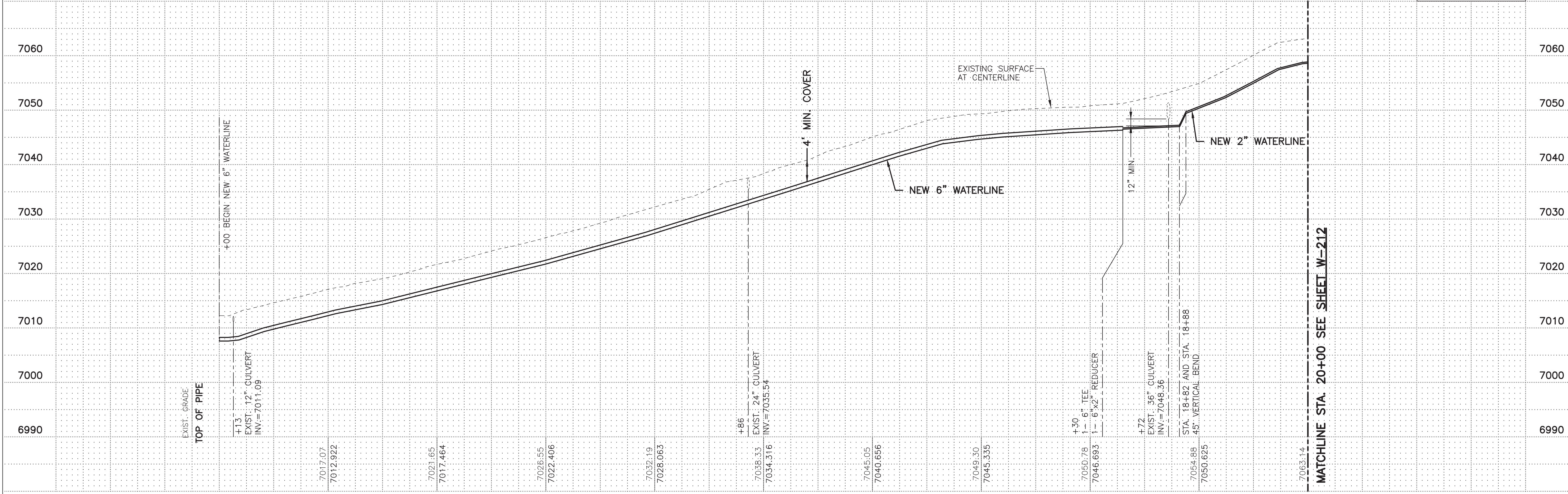
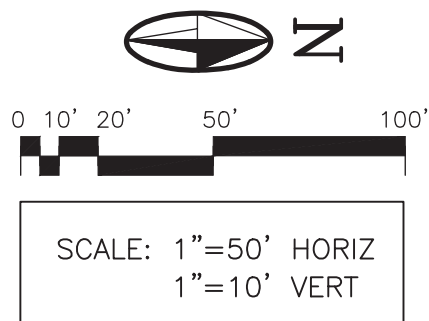
CAMINO APOLONIA WATERLINE
STA. 29+00 TO STA. 41+50

APPROVED BY: REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020 SHEET :
DRAWN BY: MC STAFF W-210



CAUTION:
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--- EXISTING INGRESS/EGRESS EASEMENT
--- PROPOSED WATERLINE
--- EXISTING FENCE
--- EXISTING WATERLINE
--- LOT LINE



MOLZENCORBIN

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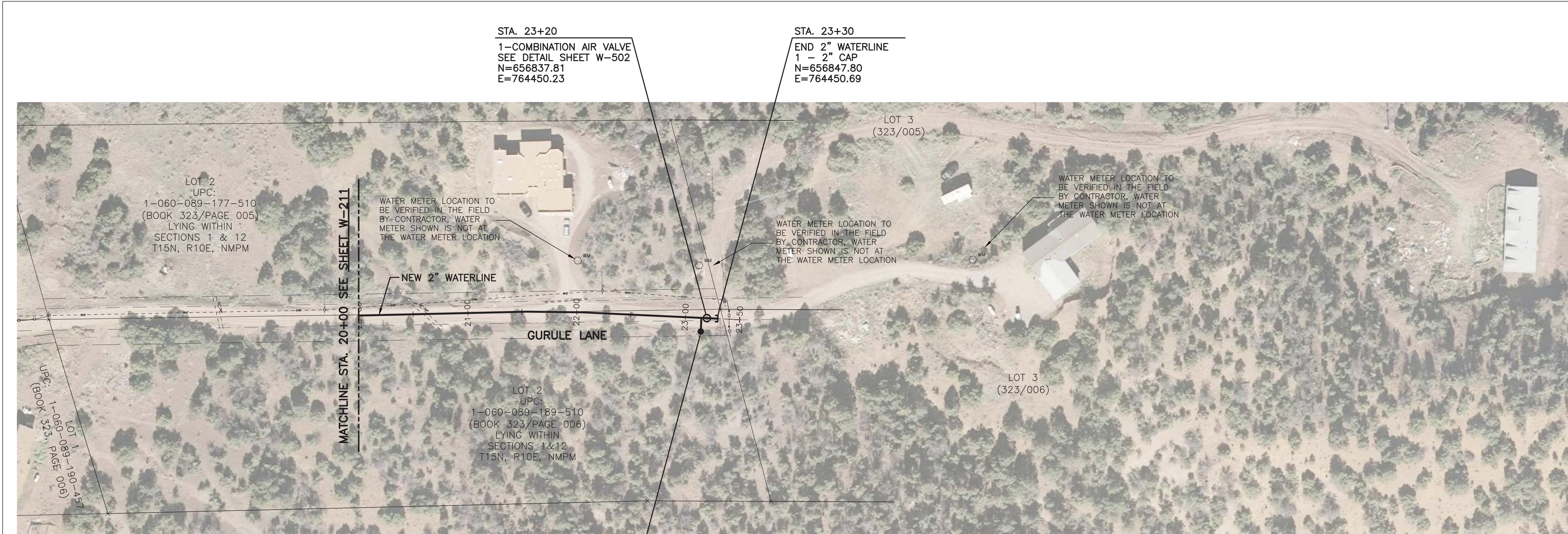
SANTA FE COUNTY
UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

PROJECT NAME:
CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II

GURULE LANE WATERLINE
STA. 10+00 TO STA. 20+00

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

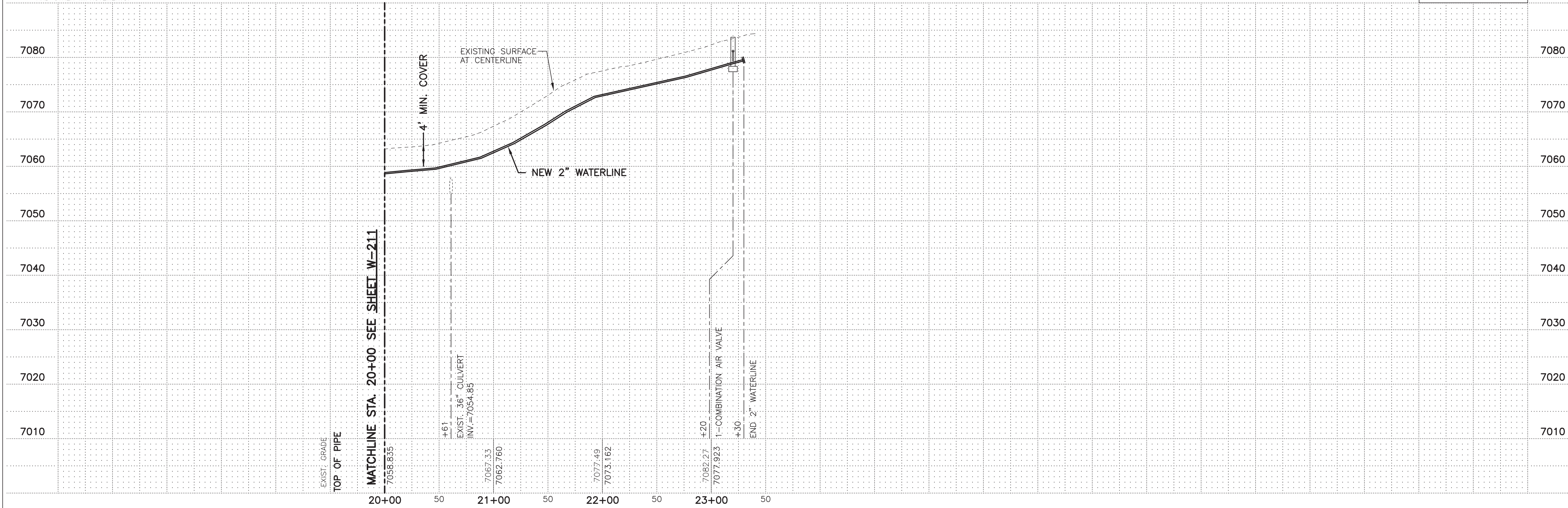
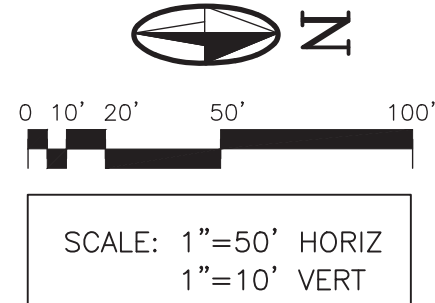
REVIEWED BY:
SHEET:
W-211



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--- PROPOSED UTILITY EASEMENT
--- EXISTING UTILITY EASEMENT
--- PROPOSED CONSTRUCTION EASEMENT
--- EXISTING INGRESS/EGRESS EASEMENT
--- PROPOSED WATERLINE
--- EXISTING FENCE
--- EXISTING WATERLINE
--- LOT LINE

STA. 23+15 ±
1 - FLUSHING PORT ASSEMBLY
SEE SHEET W-501 FOR DETAILS



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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

GURULE LANE WATERLINE
STA. 20+00 TO STA. 23+50

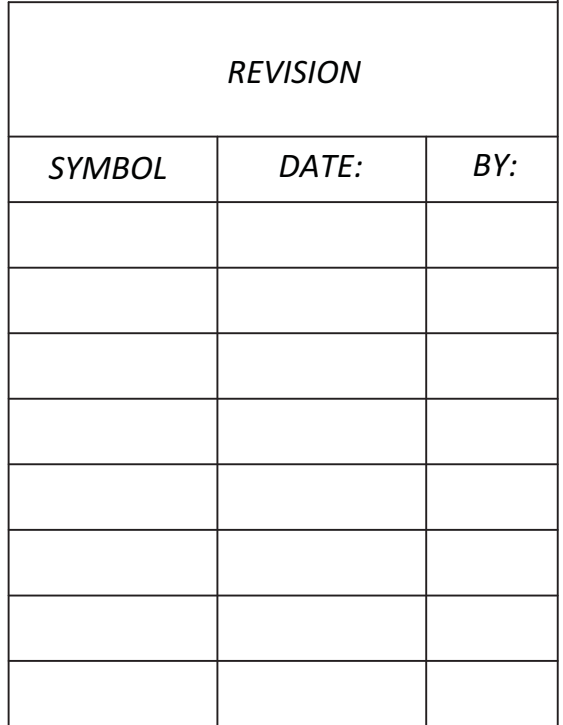
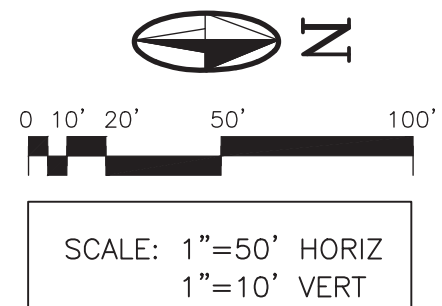
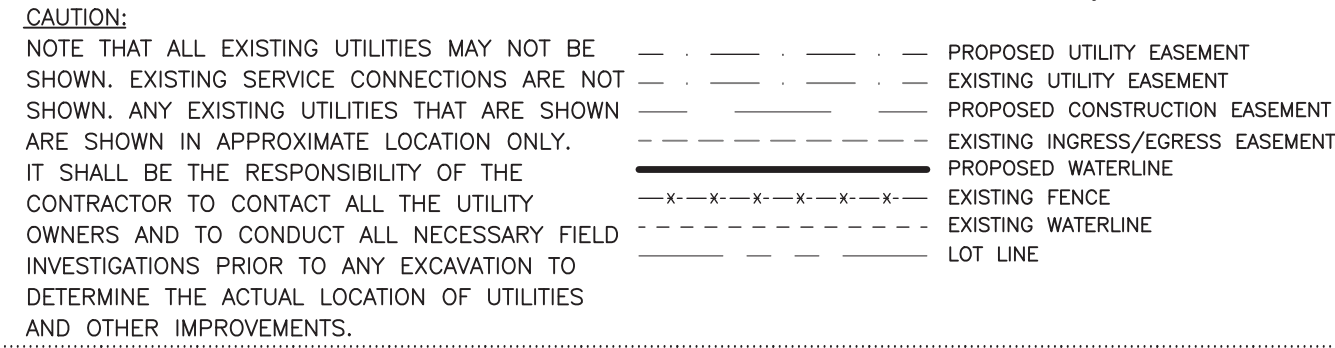
APPROVED BY: C. TEN EYCK
DATE: JANUARY 2020
DRAWN BY: MC STAFF

REVIEWED BY: C. TEN EYCK
SHEET: W-212

2701 Miles Road SE
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ALL NEW SERVICE LINES TO BE
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OTHERWISE WITHIN THE PROJECT
MANUAL

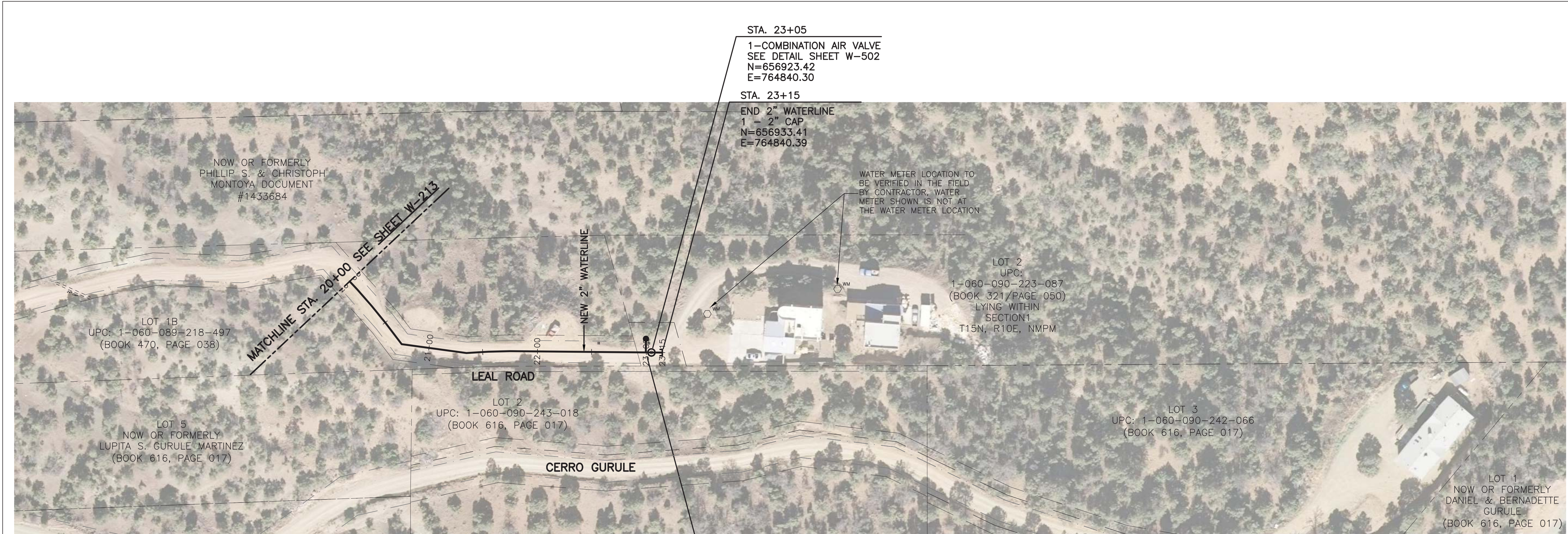


SANTA FE COUNTY
UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

PROJECT NAME:
CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II

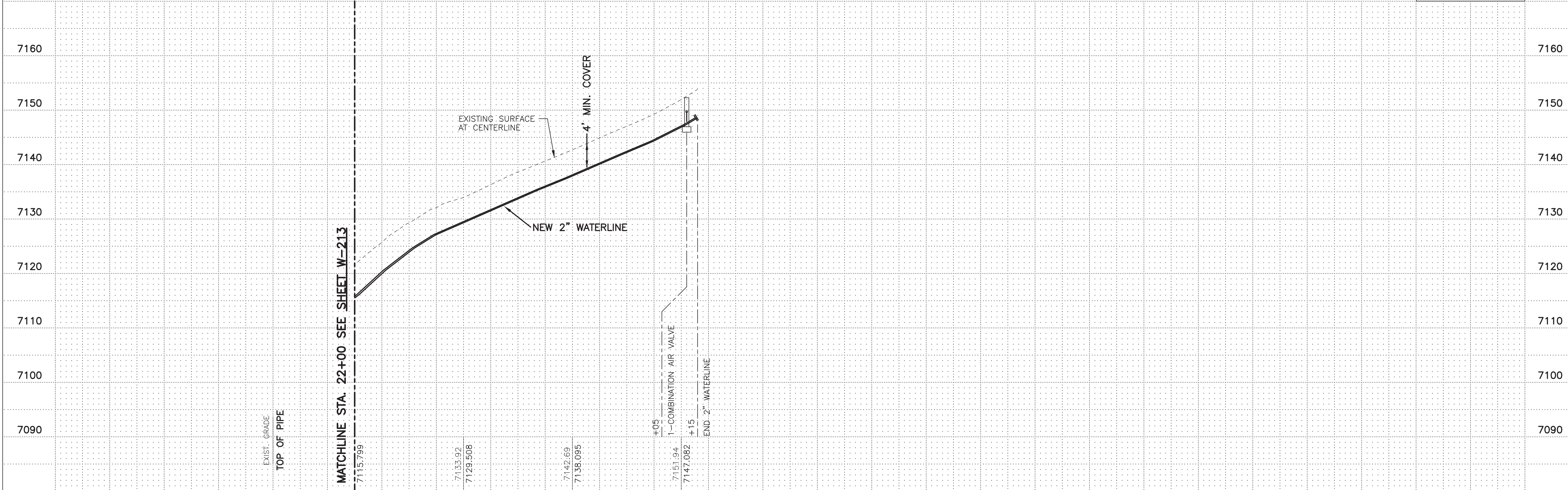
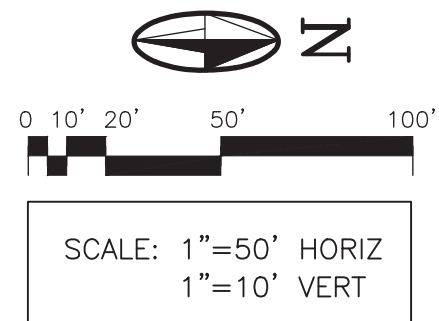
LEAL ROAD WATERLINE STA. 10+00 TO STA. 20+00

APPROVED BY:		REVIEWED BY: C. TEN EYCK	
DATE: JANUARY 2020		SHEET:	
DRAWN BY: MC STAFF		W-213	



CAUTION:
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PROPOSED UTILITY EASEMENT
EXISTING UTILITY EASEMENT
PROPOSED CONSTRUCTION EASEMENT
EXISTING INGRESS/EGRESS EASEMENT
PROPOSED WATERLINE
EXISTING FENCE
EXISTING WATERLINE
LOT LINE



MOLZENCORBIN

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

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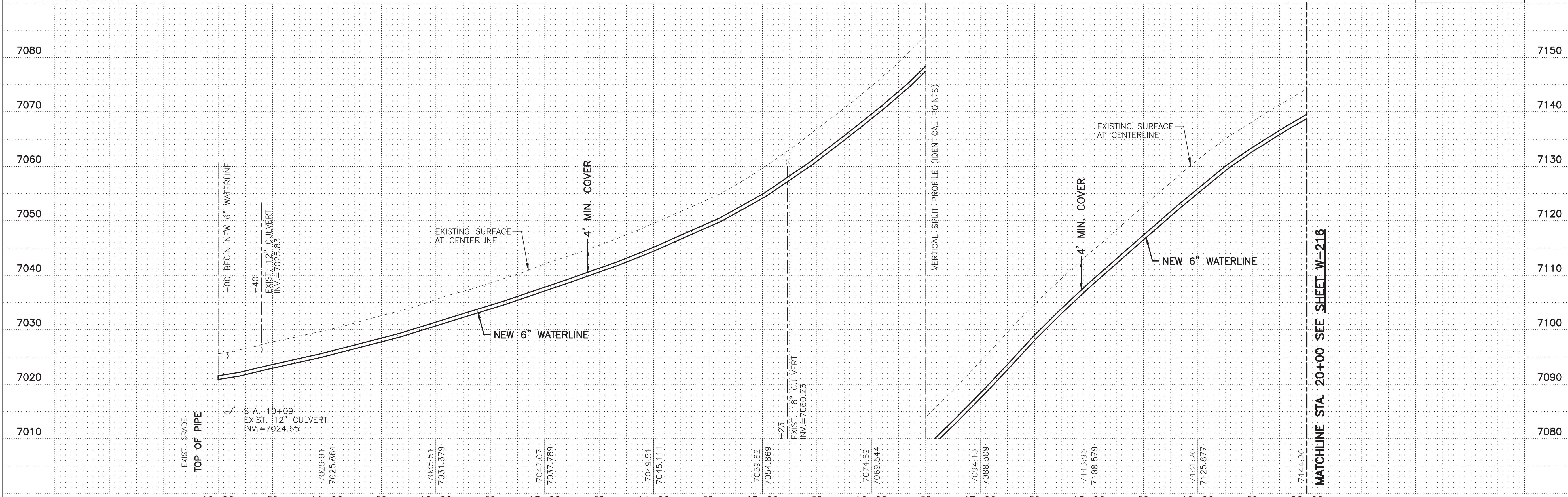
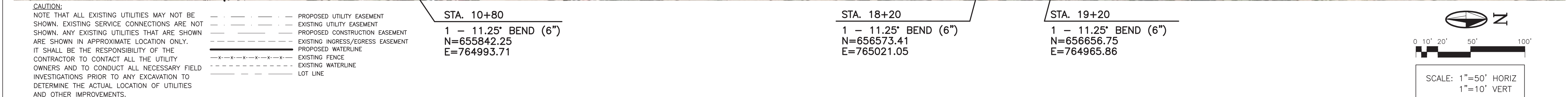
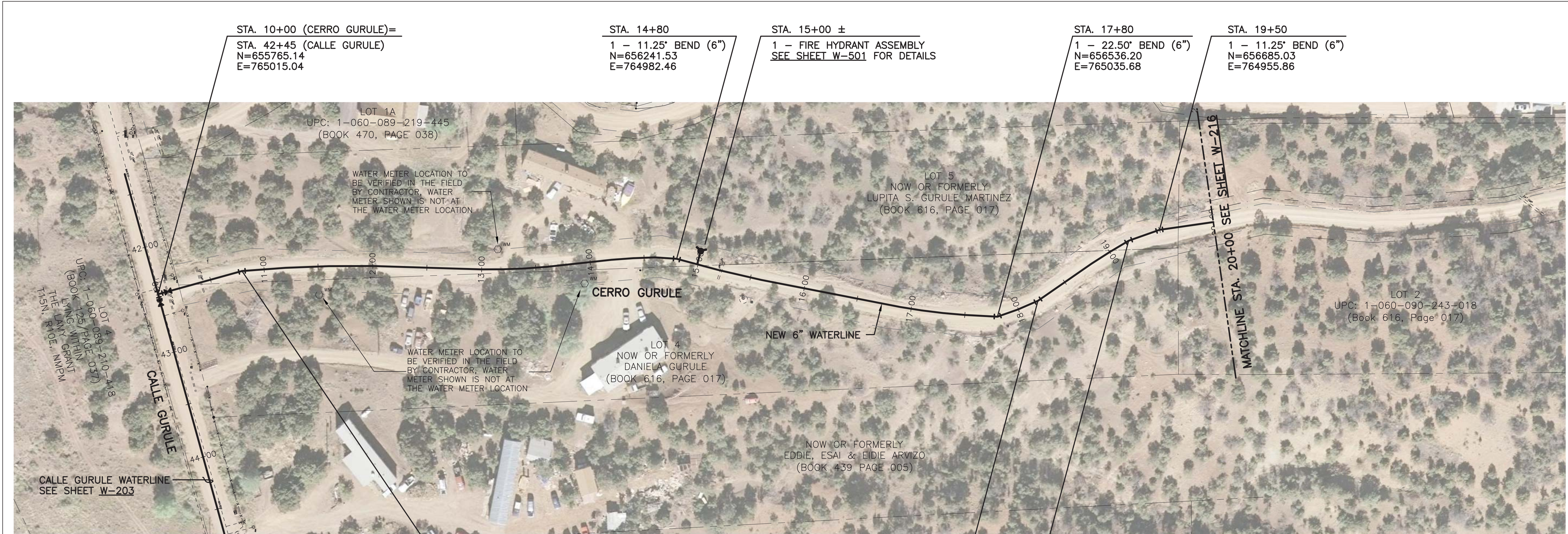
REVISION		
SYMBOL	DATE:	BY:

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

PROJECT NAME:
**CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II**

LEAL ROAD WATERLINE
STA. 20+00 TO STA. 23+00

APPROVED BY: REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020 SHEET :
DRAWN BY: MC STAFF W-214



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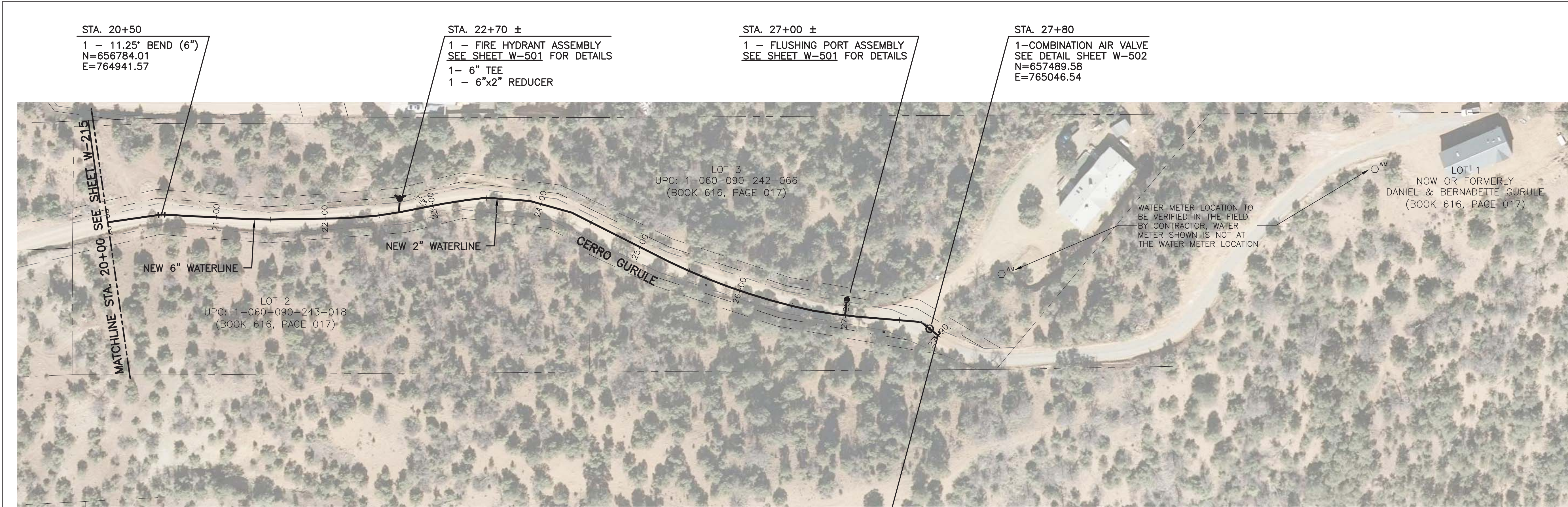
REVISION		
SYMBOL	DATE:	BY:

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UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

PROJECT NAME:
CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II

CERRO GURULE WATERLINE
STA. 10+00 TO STA. 20+00

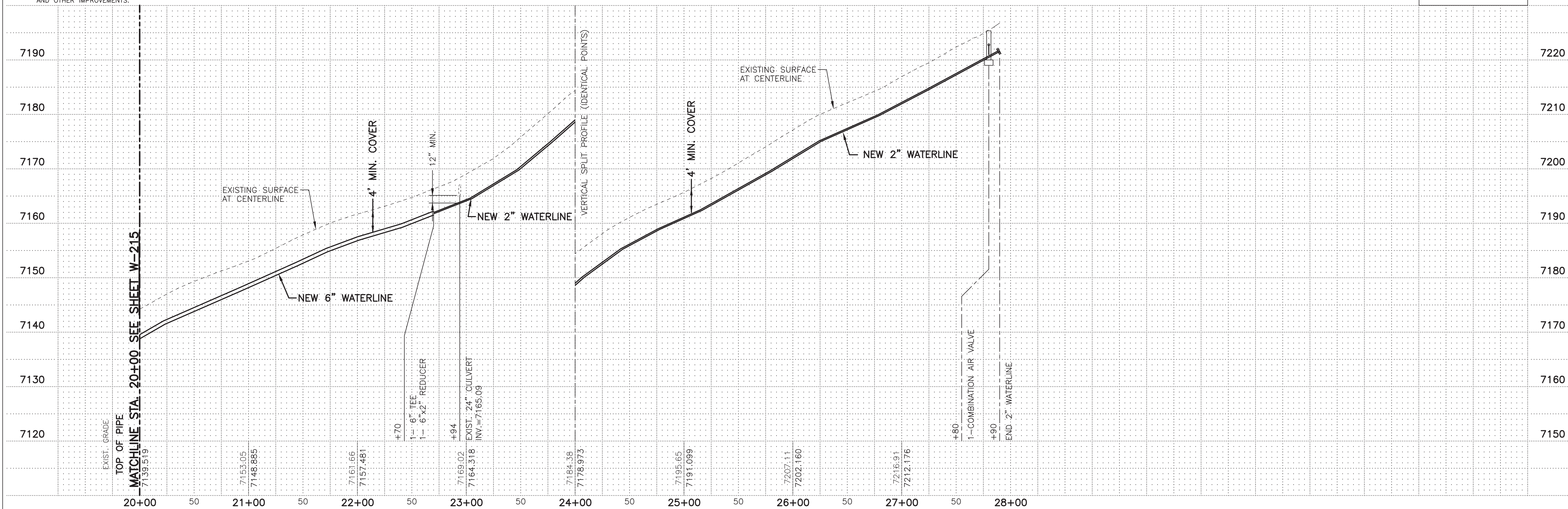
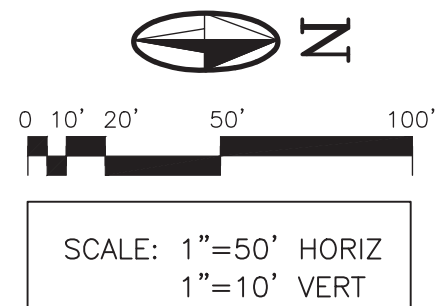
APPROVED BY: REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020 SHEET :
DRAWN BY: MC STAFF W-215



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PROPOSED UTILITY EASEMENT
EXISTING UTILITY EASEMENT
PROPOSED CONSTRUCTION EASEMENT
EXISTING INGRESS/EGRESS EASEMENT
PROPOSED WATERLINE
EXISTING FENCE
EXISTING WATERLINE
LOT LINE

STA. 27+90
END 2" WATERLINE
1 - 2" CAP
N=657497.39
E=765052.76



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505 242 5700 office
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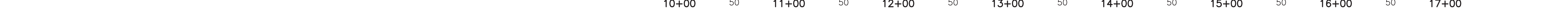
SANTA FE COUNTY
UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

PROJECT NAME:
CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II

CERRO GURULE WATERLINE
STA. 20+00 TO STA. 28+00

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

REVIEWED BY:
SHEET :
W-216



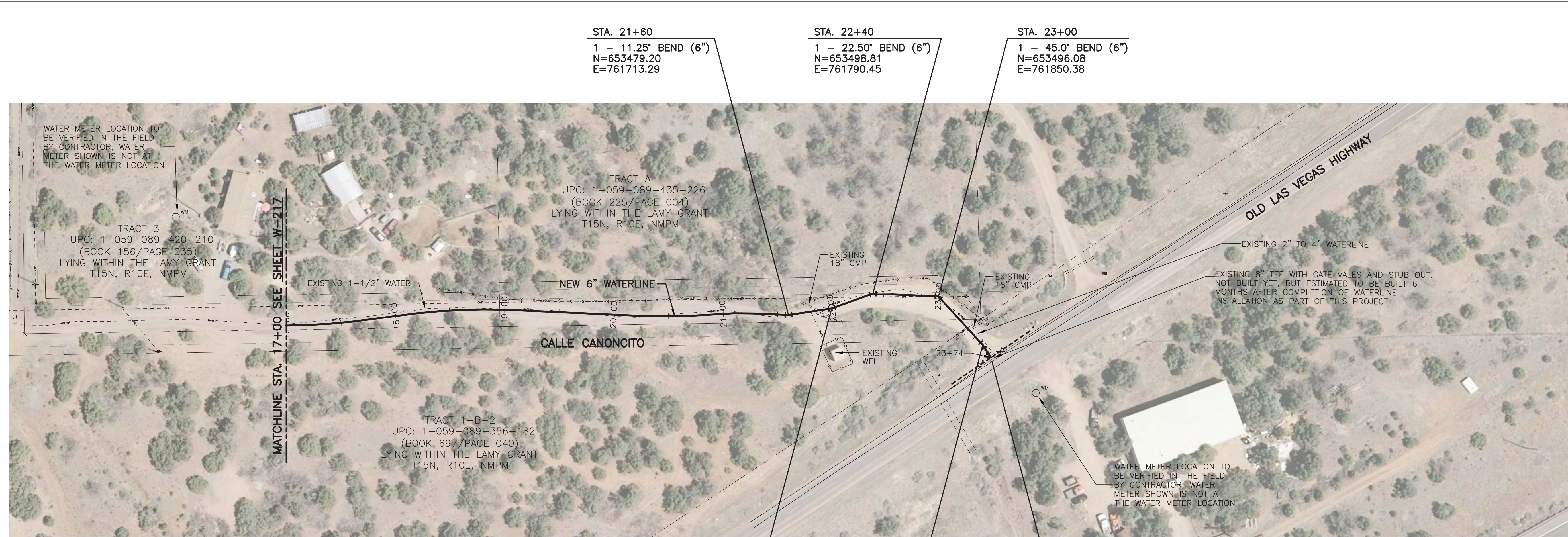
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[illegible]

SANTA FE COUNTY

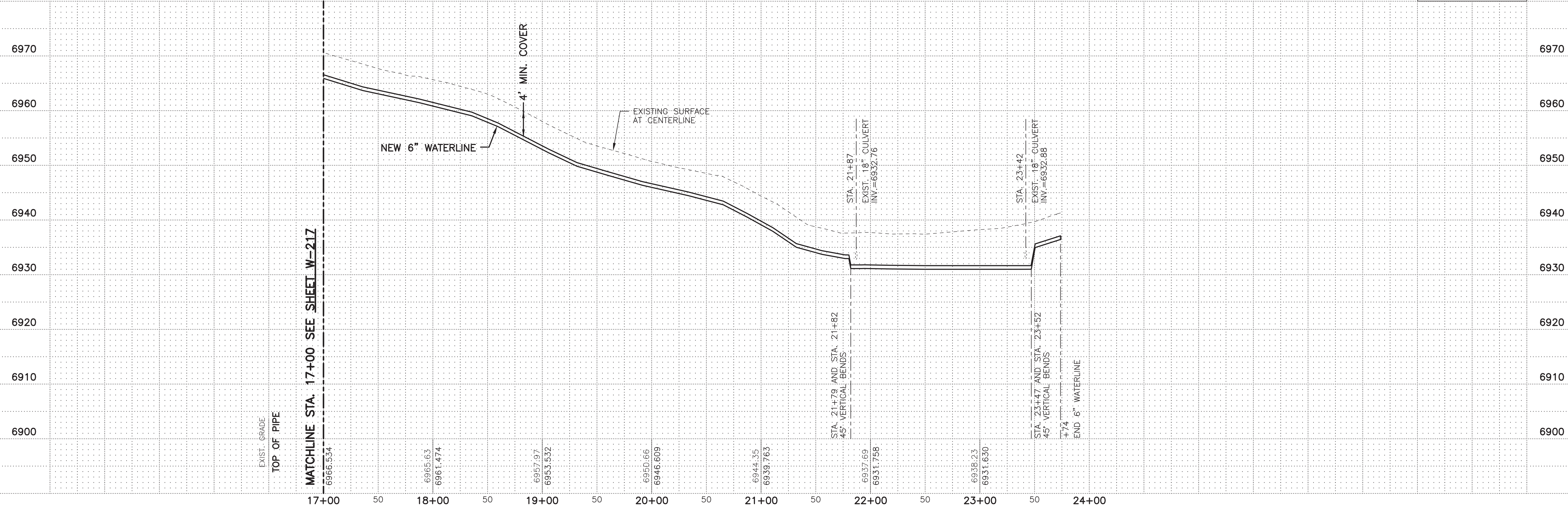
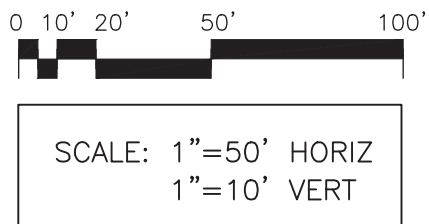
APPROVED BY:	REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020	SHEET
DRAWN BY: MC STAFF	W-217

APPROVED BY:	REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020	SHEET
DRAWN BY: MC STAFF	W-217



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--- PROPOSED UTILITY EASEMENT
--- EXISTING UTILITY EASEMENT
--- PROPOSED CONSTRUCTION EASEMENT
--- EXISTING INGRESS/EGRESS EASEMENT
--- PROPOSED WATERLINE
--- EXISTING FENCE
--- EXISTING WATERLINE
--- LOT LINE



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Albuquerque, New Mexico 87106
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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

CALLE CANONCITO WATERLINE
STA. 17+00 TO STA. 24+00

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

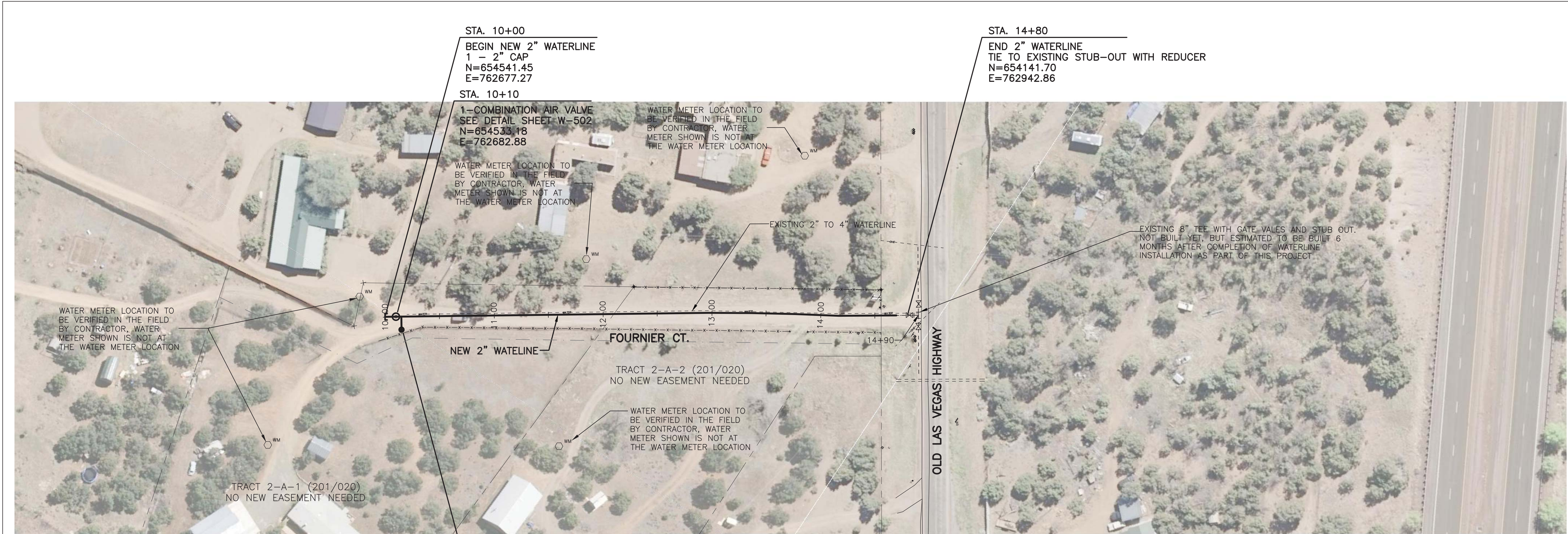
REVIEWED BY:
SHEET : W-218



Professional Engineer Seal for Jonah S. Ruybalid, New Mexico, License No. 23909, expires 1-28-20.

[illegible]

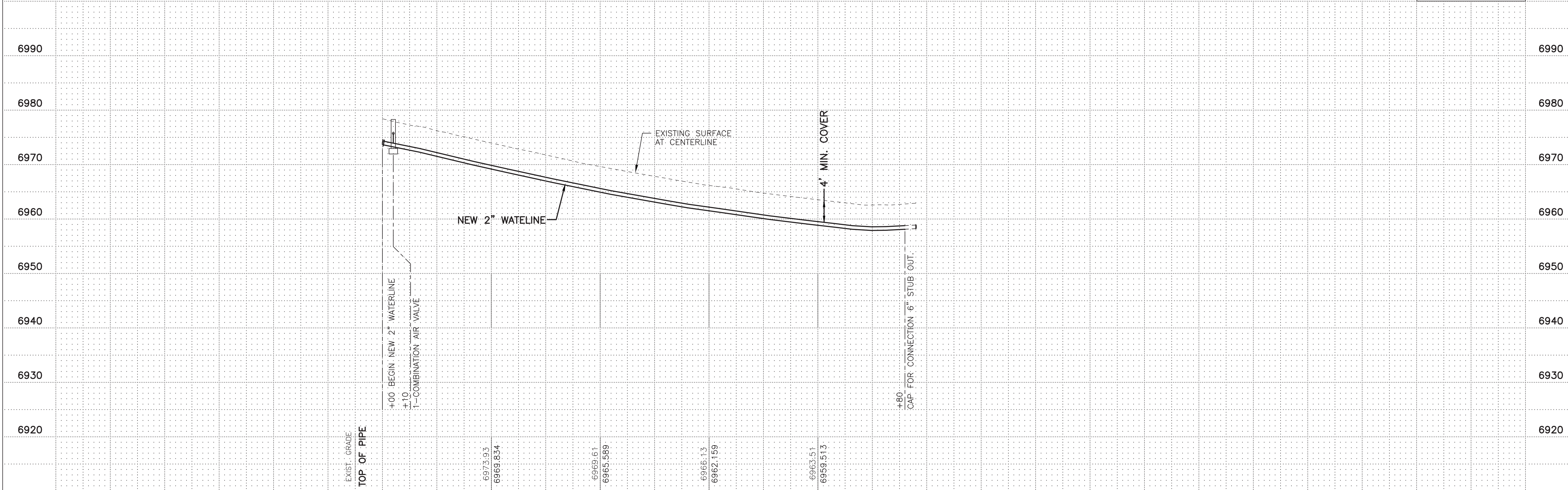
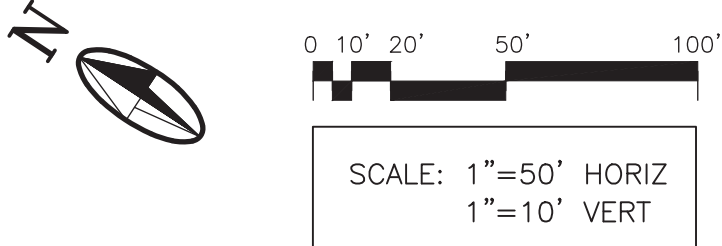
APPROVED BY:	REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020	SHEET
DRAWN BY: MC STAFF	W-219



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--- PROPOSED UTILITY EASEMENT
--- EXISTING UTILITY EASEMENT
--- PROPOSED CONSTRUCTION EASEMENT
--- EXISTING INGRESS/EGRESS EASEMENT
--- PROPOSED WATERLINE
--- EXISTING FENCE
--- EXISTING WATERLINE
--- LOT LINE

STA. 10+15 ±
1 - FLUSHING PORT ASSEMBLY
SEE SHEET W-501 FOR DETAILS



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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

FOURNIER CT. WATERLINE ADDITIVE ALTERNATIVE 2
STA. 10+00 TO STA. 15+00

APPROVED BY: _____ REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020 SHEET :
DRAWN BY: MC STAFF W-220

STA. 18+24
END 6" WATERLINE
TIE TO 8" STUB OUT WITH
WITH REDUCER
N=654539.52
E=763544.41

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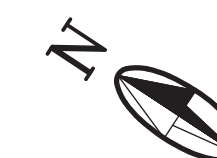


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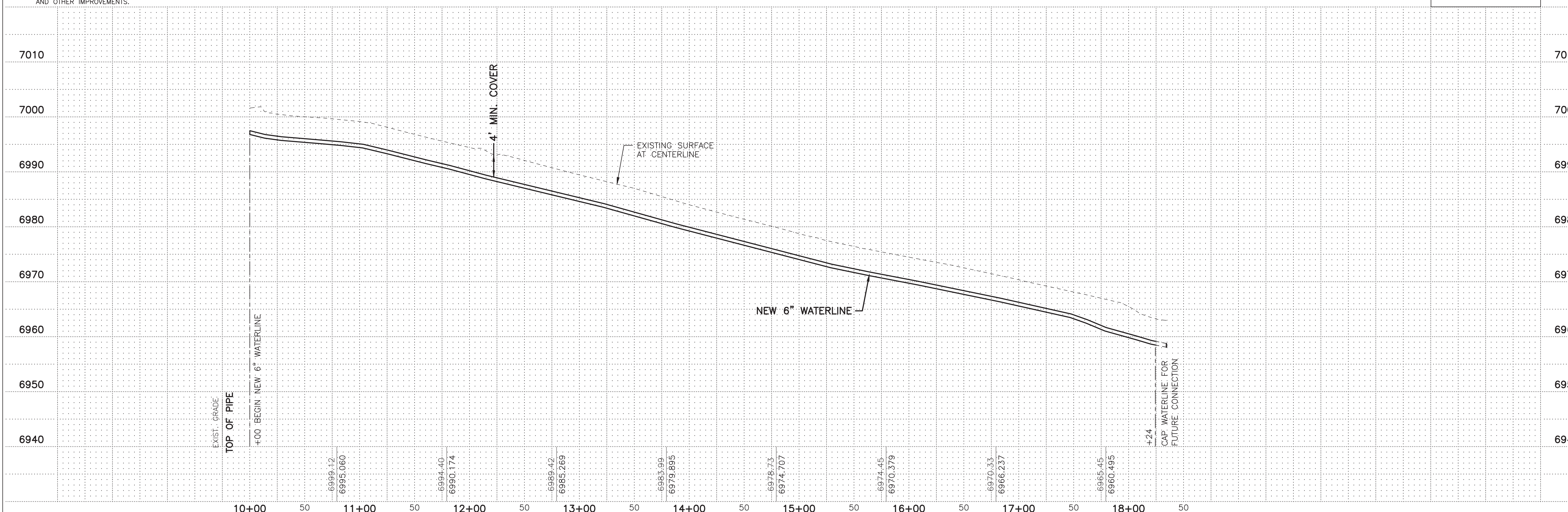
- - - - - PROPOSED UTILITY EASEMENT
 - - - - - EXISTING UTILITY EASEMENT
 - - - - - PROPOSED CONSTRUCTION EASEMENT
 - - - - - EXISTING INGRESS/EGRESS EASEMENT
 - - - - - PROPOSED WATERLINE
 - - - - - EXISTING FENCE
 - - - - - EXISTING WATERLINE
 - - - - - LOT LINE

STA. 10+23
1 - 45° BEND (6")
N=655201.14
E=763092.69


STA. 14+00
1 - FIRE HYDRANT ASSEMBLY
SEE SHEET W-501 FOR DETAILS
1- 6" TFF



SCALE: 1"=50' HORIZ
1"=10' VERT

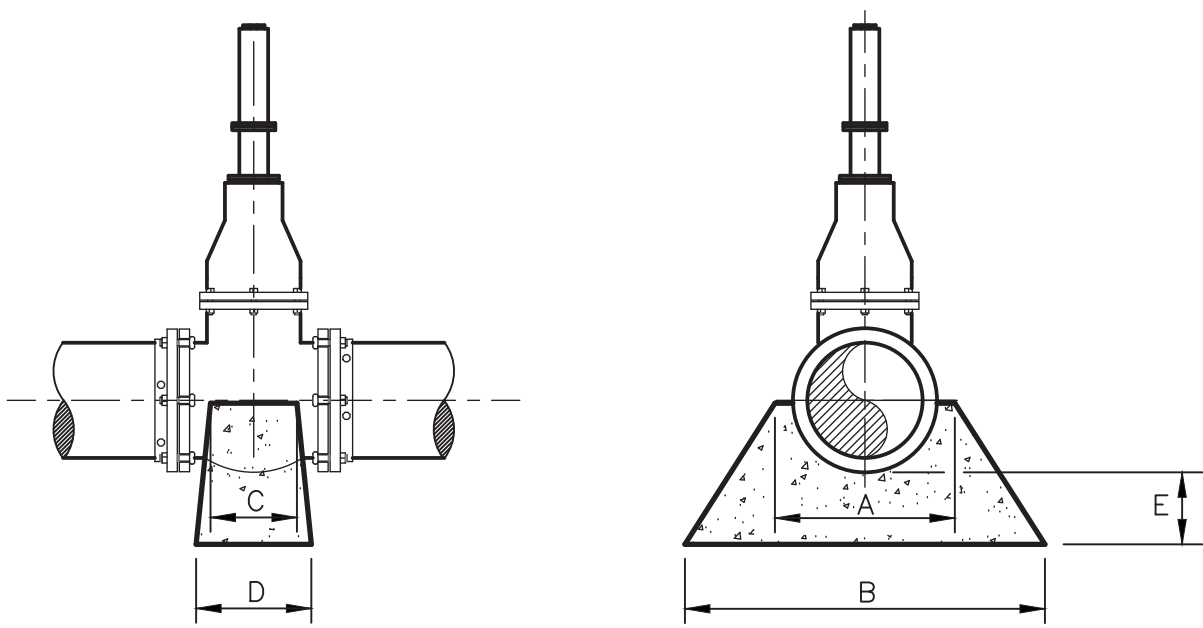
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SANTA FE COUNTY
UTILITIES DIVISION 424 NM 599, SANTA FE, NM 87507

 <p>SANTA FE COUNTY</p>	<p>PROJECT NAME:</p> <p>CANONCITO REGIONAL WATER SYSTEM IMPROVEMENTS - PHASE II</p>
---	---

RED HILL LANE WATERLINE
STA. 10+00 TO STA. 18+50

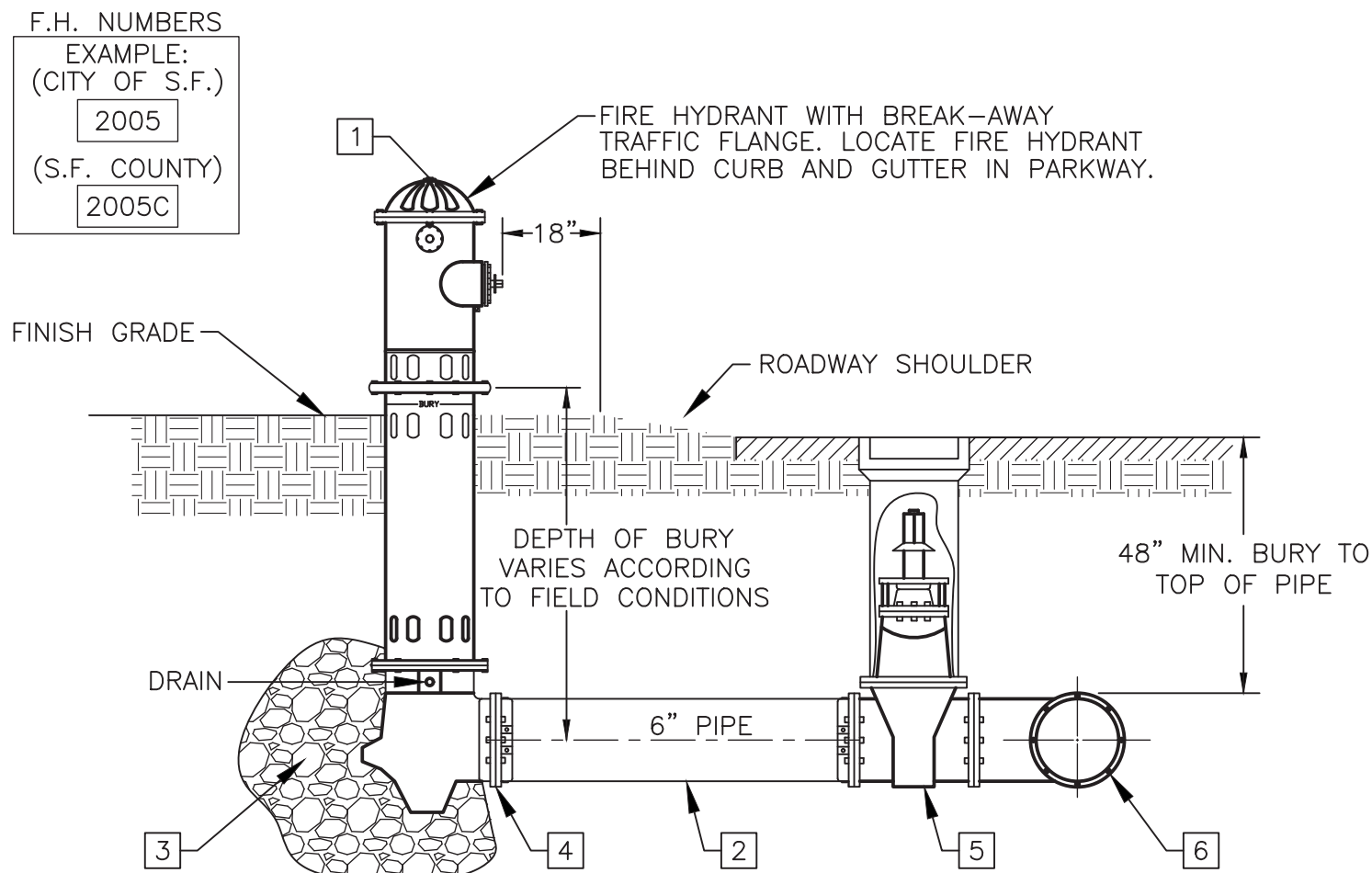
APPROVED BY:	REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020	SHEET
DRAWN BY: MC STAFF	W-221



CONCRETE VALVE SUPPORT TABLE					
VALVE SIZE	A	B	C	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 BY ENGINEER'S REPRESENTATIVE. SEE THIS SHEET FOR BOLLARD DETAIL.

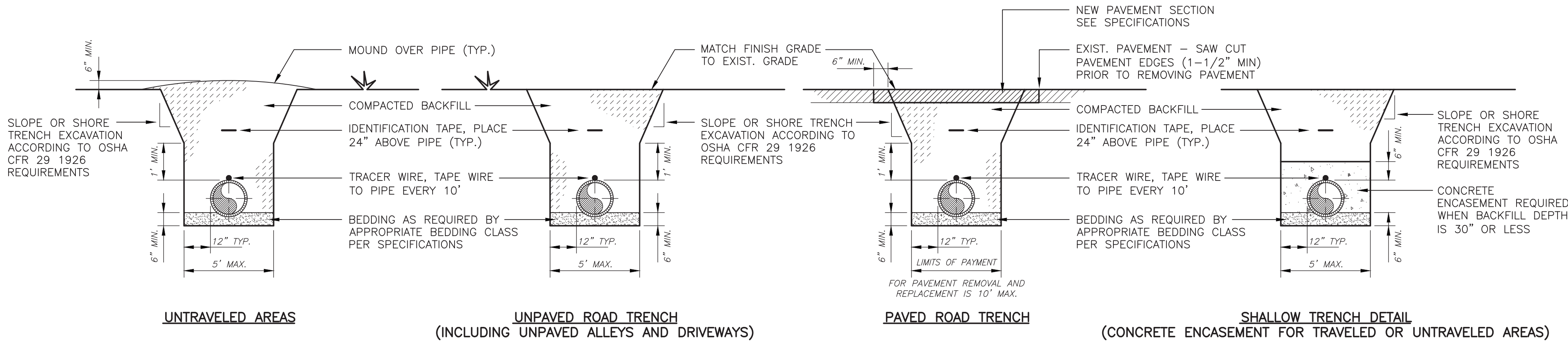
CONSTRUCTION NOTES:

- 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

SCALE: NONE

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

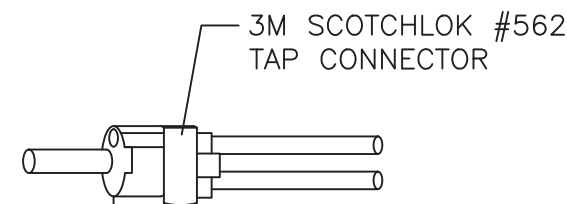


GENERAL NOTES FOR TRENCHING:

1. PIPE BEDDING REQUIREMENTS, SEE SPECIFICATIONS.
2. PIPE IDENTIFICATION TAPE REQUIREMENTS, SEE SPECIFICATIONS.
3. TRENCH BACKFILL COMPACTION REQUIREMENTS, SEE SPECIFICATIONS.

TRENCH COMPACTION DETAILS

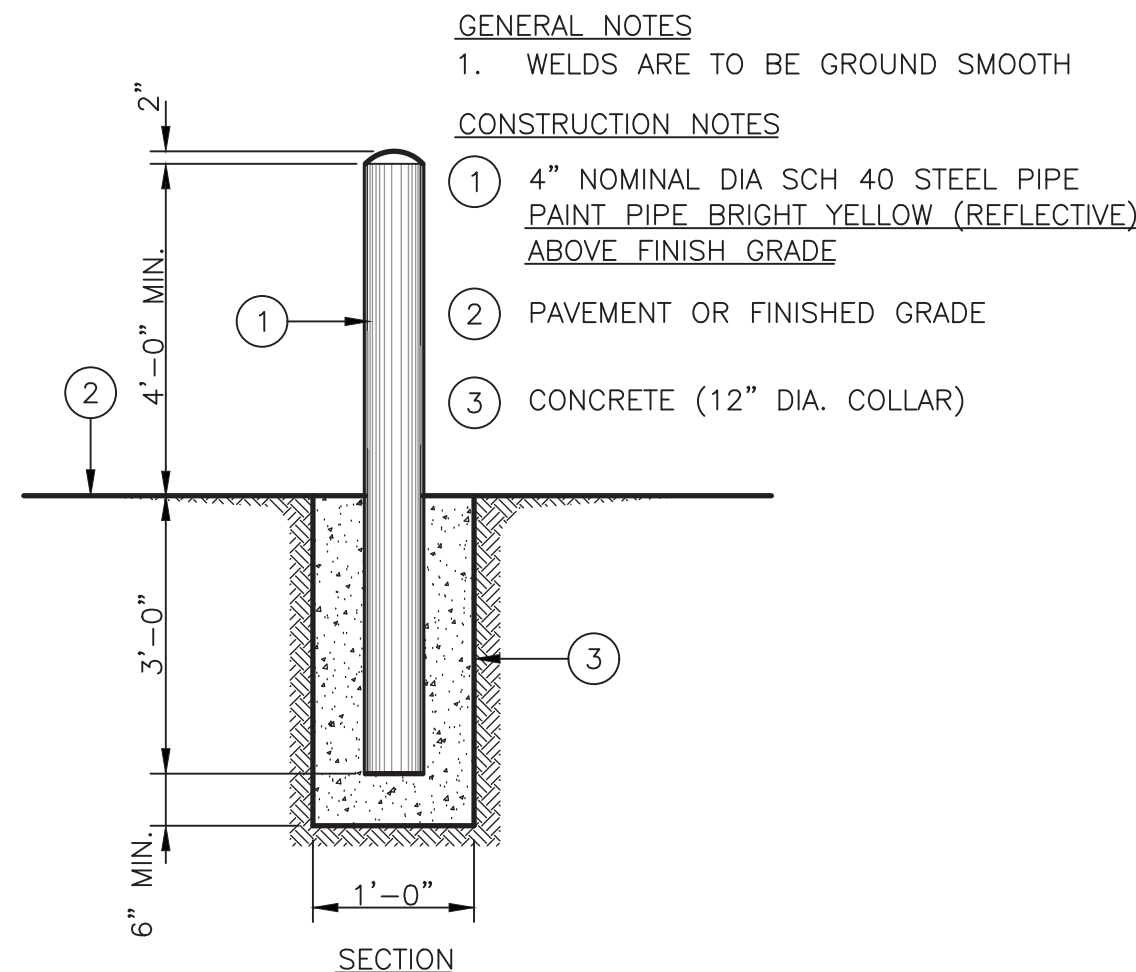
SCALE: NONE



NOTE: WRAP CONNECTOR AND WIRE ENDS WITH GENERAL PURPOSE TAPE SEALANT TO MAKE THE CONNECTION MOISTURE PROOF (NOT SHOWN).

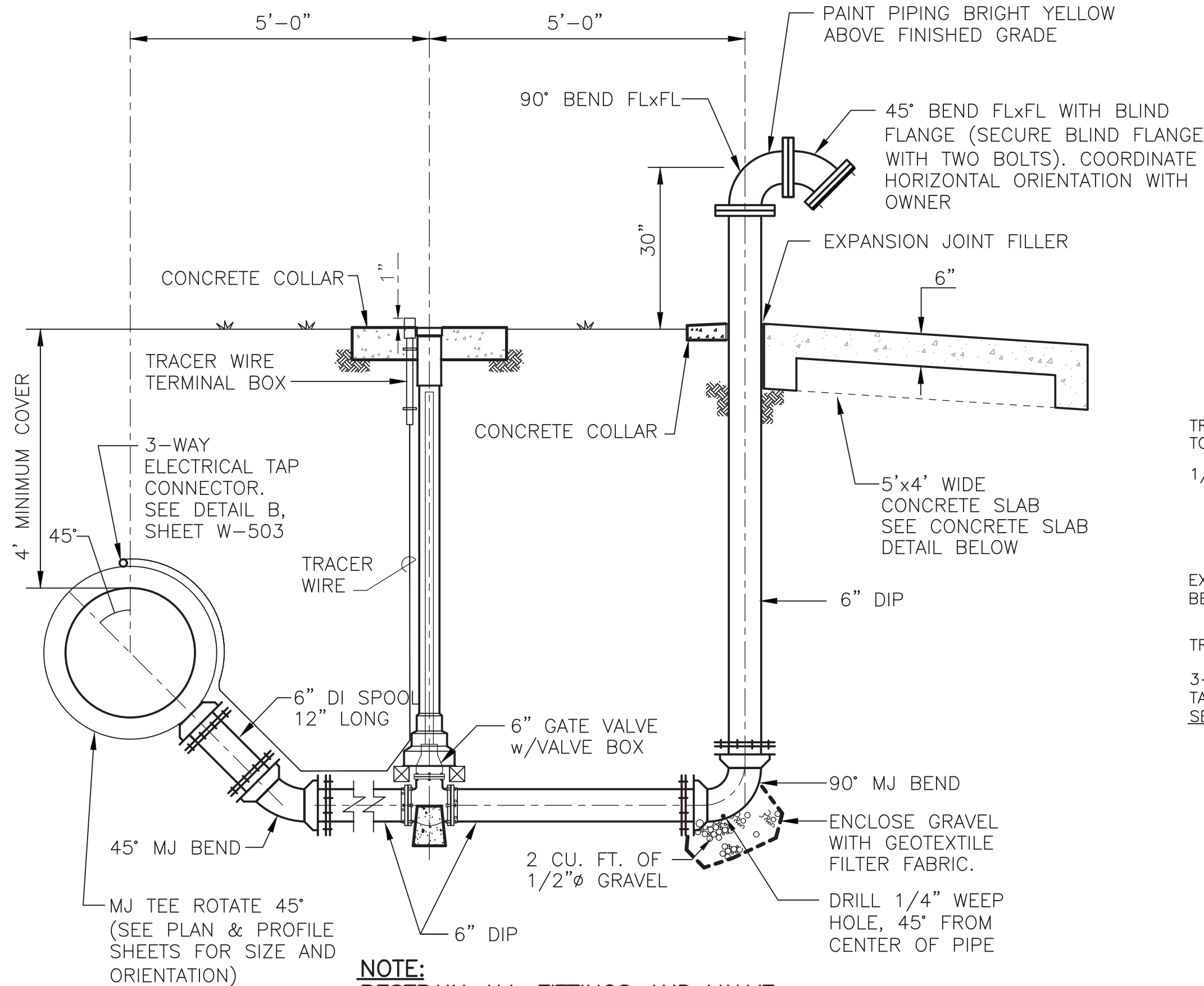
ELECTRICAL TAP CONNECTOR

SCALE: NONE



PIPE BOLLARD - DETAIL

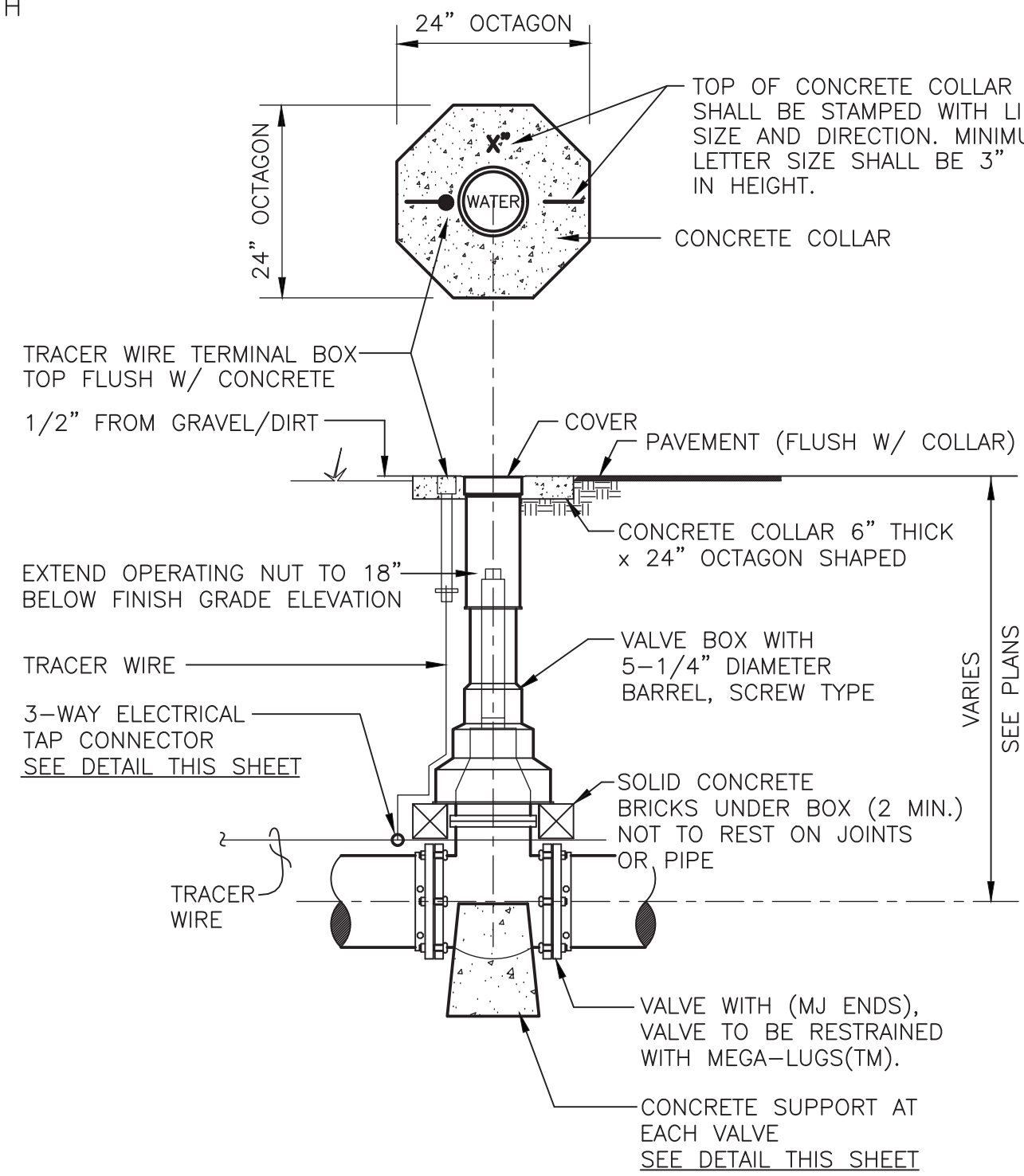
SCALE: NONE



NOTE: RESTRAIN ALL FITTINGS AND VALVE WITH MEGALUG JOINT RESTRAINT DEVICES.

FLUSHING PORT ASSEMBLY DETAIL

NO SCALE



TYPICAL DETAIL FOR GATE VALVES

SCALE: NONE

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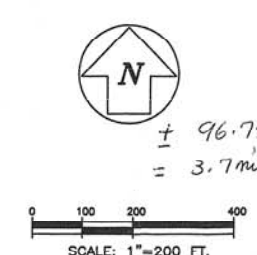
PROJECT NAME:
**CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II**


MISCELLANEOUS DETAILS

APPROVED BY: _____ REVIEWED BY: C. TEN EYCK
DATE: JANUARY 2020 SHEET :
DRAWN BY: MC STAFF W-501

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[illegible]

 **SOUDER, MILLER & ASSOCIATES, 1201 PARKWAY**
SANTA FE, NM 87502, (505) 473-9211
Albuquerque - Las Cruces - Santa Fe, NM
Cortez, CO - Monticello, UT

[illegible]

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



PROJECT NAME:
CANONCITO REGIONAL WATER
SYSTEM IMPROVEMENTS - PHASE II

EXISTING WATER METER MAP (REFERENCE)

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

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

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[illegible]

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

