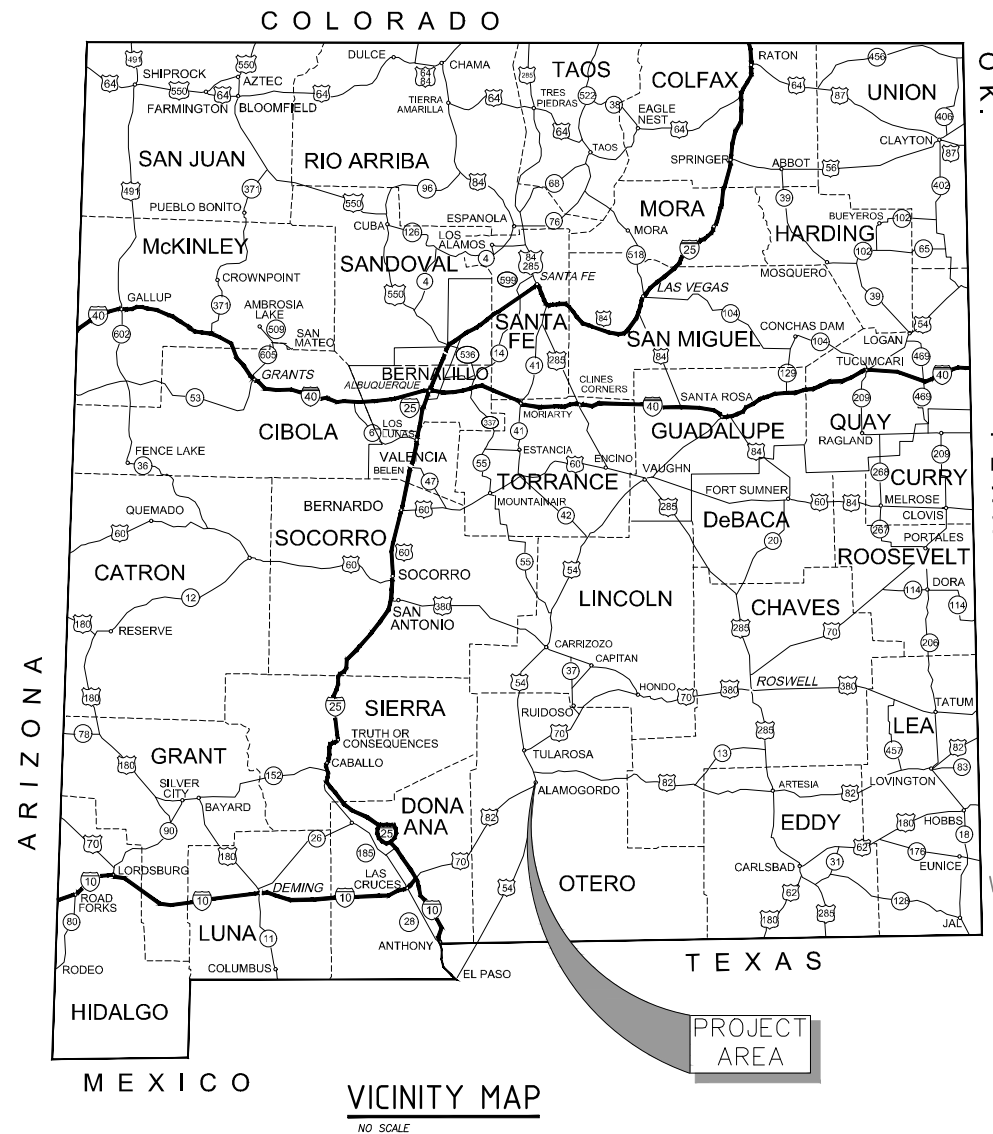


ENGINEERING DEPARTMENT



Sheet Legend

- Sht 1 - Cover Sheet with Vicinity Map
- G - General Sheets
- Q - Summary of Quantities
- SR - Survey Sheet and Control Points
- R - Removal Plan Sheets
- RC - Roadway Construction Plans
- GD - Grading and Drainage Plans
- ST - Pavement Marking Plans and Details
- TS - Traffic Signing Plans and Details
- U - Utility Plans and Details
- D - Miscellaneous Detail Plan Sheets
- NMDOT - New Mexico Department of Transportation Standard Drawings

City Commissioners

Susan L. Payne, Mayor

Nick Paul

Stephen Burnett

Karl Melton

Josh Rardin

Sharon McDonald

Dusty Wright, Mayor Pro-Tem

2022 IMPROVEMENT PLANS FOR FY21 STREET MAINTENANCE PROGRAM-RIDGECREST DRIVE

*Solutions for Today...
Vision for Tomorrow*

201 N Church Street
Suite 200A
Las Cruces, NM 88001
Phone: 575-523-2395
www.smithengineering.pro

AGENCY	PLAN REVIEW BY	DATE	DEPARTMENT	PLAN REVIEW BY	DATE	NUMBER	REVISIONS DESCRIPTION	DATE
POWER NEW MEXICO			ENGINEERING					
NEW MEXICO GAS COMPANY			PUBLIC WORKS DEPARTMENT					
CENTURY LINK			UTILITY DEPARTMENT					
BAJA CABLE			FACILITY MAINTENANCE					
TULAROSA BASIN TELEPHONE COMPANY			COMMUNITY DEVELOPMENT					
OTERO COUNTY ELECTRIC COOPERATIVE			PLANNING AND ZONING					
			PARKS					
			DEPARTMENT OF PUBLIC SAFETY					



ENGINEERING DEPT.

COVER SHEET

Public Works Bid No.:

2022-006

Engineering No.:

PW2001

GENERAL NOTES:

1. **SPECIFICATIONS:** THE CITY OF ALAMOGORDO TECHNICAL SPECIFICATIONS, SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS AND THE NEW MEXICO STATE DEPARTMENT OF TRANSPORTATION (NMDOT) STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, LATEST EDITION SHALL GOVERN CONSTRUCTION OF THIS PROJECT. SEE BID DOCUMENT MANUAL, TECHNICAL SPECIFICATIONS FOR CONTRACT DOCUMENTS ORDER OF IMPORTANCE.
2. **GENERAL NOTES:** GENERAL NOTES SHALL APPLY TO ALL SHEETS, EXCEPT WHERE MORE SPECIFIC INFORMATION IS PROVIDED. SEE INDIVIDUAL DRAWINGS FOR ADDITIONAL ABBREVIATIONS, SYMBOLS, LEGENDS, NOTES, DETAILS, AND OTHER REQUIREMENTS. IN ALL CASES, THE INFORMATION SHOWN ON INDIVIDUAL DRAWINGS SHALL GOVERN OVER ANY GENERAL INFORMATION. NOT ALL SPECIFIED ITEMS AND/OR STANDARD DETAILS SHOWN MAY BE APPLICABLE TO THIS PROJECT.
3. **MEANS, METHODS OR TECHNIQUES:** THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS OR TECHNIQUES, NOR FOR THE EXECUTION OF THE WORK AS SHOWN ON THESE DRAWINGS. THE OWNER AND ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THE CONTRACTORS OR SUBCONTRACTORS TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
4. **SAFETY REQUIREMENTS:** THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL WORK AREAS IN SAFE CONDITION FOR THE PUBLIC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE FOR ALL CONTRACTOR PERSONNEL AND SUBCONTRACTOR PERSONNEL WITH APPLICABLE CURRENT FEDERAL, OSHA, STATE, COUNTY, AND CITY LAWS, ORDINANCES, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA TRENCH SAFETY RULES AND REGULATIONS APPLICABLE TO THIS PROJECT. THE CONTRACTOR SHALL INSTALL, AT A MINIMUM, SAFETY FENCING 48-INCHES IN HEIGHT AROUND THE PERIMETER OF OPEN TRENCHES AND REMOVAL AREAS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
5. **CONTRACTOR RESPONSIBILITY:** THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THESE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE CONTRACTORS PERFORMANCE OF WORK ON THIS PROJECT.
6. **PROJECT DEVIATIONS:** ANY PROPOSED DEVIATIONS FROM THE CONTRACT DOCUMENTS BY THE CONTRACTOR MUST BE ACCEPTED BY THE ENGINEER, IN WRITING, PRIOR TO THE WORK BEING DONE. ANY DEVIATIONS PERFORMED WITHOUT THE ENGINEER'S APPROVAL WILL NOT BE PAID FOR AND MAY BE REQUIRED TO BE RECONSTRUCTED OR REMOVED AT THE CONTRACTOR'S EXPENSE.
7. **PUBLIC ACCESS TO LOCAL BUSINESSES & RESIDENCES:** THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE PROPERTY OWNERS AND THE ENGINEER OF ANY ACCESS MODIFICATIONS, AT LEAST 24 HOURS IN ADVANCE. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
8. **PERMITTING:** IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REQUEST AND OBTAIN ALL PERMITS NECESSARY FOR THIS PROJECT PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CURRENT FEDERAL, OSHA, STATE, COUNTY, AND CITY LAWS, ORDINANCES, RULES AND REGULATIONS.
9. **MAINTENANCE OF AS-BUILT PLANS:** THE CONTRACTOR SHALL MAINTAIN AN UP TO DATE SET OF AS-BUILT PLANS FOR THE PROJECT. THESE PLANS SHALL BE KEPT CURRENT, WITHIN ONE-WEEK, AT ALL TIMES AND SHALL BE SUBJECT TO REVIEW BY THE ENGINEER THROUGHOUT THE PROJECT AND WILL BE REVIEWED BY THE ENGINEER FOR ACCURACY AND COMPLETENESS AT LEAST ONCE EVERY 7-DAYS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FINAL PAYMENT. FINAL AS-BUILT PLANS SHALL BE DELIVERED IN CLEAN HARD COPY. CONTRACTOR CERTIFICATION SHALL BE CLEARLY STATED ON THE COVER SHEET. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
10. **WATER FOR CONSTRUCTION:** THE CONTRACTOR WILL BE RESPONSIBLE FOR PURCHASING ALL OF THE RECLAIMED WATER NEEDED FOR CONSTRUCTION FROM THE CITY OF ALAMOGORDO. THE COST WILL BE DETERMINED IN ACCORDANCE WITH THE CURRENT RECLAIMED WATER RATES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO TRANSPORT AND APPLY THE RECLAIMED WATER AS SPECIFIED OR AS ORDERED BY THE ENGINEER. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR LOCATION OF SOURCES. THIS COST SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OF PAYMENT WILL BE MADE THEREFORE.
11. **INTERRUPTION OF SERVICE:** CONTRACTOR MUST MAINTAIN WATER SERVICE AT ALL TIMES AS DIRECTED BY THE ENGINEER. IF AN INTERRUPTION OF SERVICE IS UNAVOIDABLE, THE CONTRACTOR SHALL NOTIFY ALL AFFECTED RESIDENTS ON A DOOR-TO-DOOR BASIS OR AS AGREED WITH THE ENGINEER. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR ALL WATER SHUT-OFFS.
12. **EARTHWORK HAUL:** THE EARTHWORK HAUL ON THIS PROJECT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR ITEMS "UNCLASSIFIED EXCAVATION," AND "BORROW," AS APPLICABLE, AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR HAUL.
13. **PAVEMENT DROP-OFF POLICY:** IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION IN ACCORDANCE WITH THE NMDOT'S CURRENT "DROP-OFF POLICY". THE POLICY IS AVAILABLE FROM THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
14. **WARPING OF SLOPES:** THE CONTRACTOR SHALL WARP SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT OF WAY OR CONSTRUCTION EASEMENT LIMITS.
15. **MATERIAL PITS:** NO MATERIAL PITS HAVE BEEN DESIGNATED FOR THIS PROJECT. THE CONTRACTOR MAY OBTAIN SPECIFICATION BORROW OR SURFACING MATERIAL FROM ANY ACCEPTABLE SOURCE. ALL MATERIAL PITS SHALL BE GOVERNED BY SECTION 106 OF THE NMDOT STANDARD SPECIFICATIONS.
16. **CONSTRUCTION EQUIPMENT & MATERIAL STORAGE:** THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN 28 FEET FROM THE EDGE OF THE DRIVING LANE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. ALL EQUIPMENT AND MATERIAL STORED IN STAGING YARD SHALL BE PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. IN NO CASE SHALL THE CONTRACTOR STORE EQUIPMENT OR MATERIAL IN THE DRIVING LANE. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE ENGINEER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, INSTALLATION AND REMOVAL OF THE SHIELDING, SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
17. **PROTECTION OF SURVEY MONUMENTS:** THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT HORIZONTAL AND VERTICAL CONTROL SURVEY MONUMENTS AND CONTROL POINTS FROM DAMAGE PRIOR TO INITIATING CONSTRUCTION. AN INVENTORY OF THE EXISTING MONUMENTS WILL BE TAKEN BY THE ENGINEER AND THE CONTRACTOR PRIOR TO START OF CONSTRUCTION. IF, DURING THE COURSE OF CONSTRUCTION OPERATIONS, THE CONTRACTOR DISTURBS OR DESTROYS A MARK, THE CONTRACTOR SHALL ESTABLISH A NEW MARK IN COMPLIANCE WITH THE STANDARDS AND PROCEDURES SET FORTH IN THE "GEODETIC MARK PRESERVATION GUIDEBOOK", NATIONAL GEODETIC SURVEY, MARCH 1990, CONTACT: NGS MARK PRESERVATION CENTER-NOAA, TELEPHONE (505) 768-3606.

18. **REMOVALS:** THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVALS REQUIRED TO COMPLETE THE PROJECT. REMOVALS NOT SHOWN ON THE PLANS WILL BE DESIGNATED BY THE ENGINEER. THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT PRICE FOR ITEM "REMOVAL OF STRUCTURES AND OBSTRUCTIONS" AND THE CONTRACTOR WILL NOT RECEIVE ADDITIONAL COMPENSATION FOR UNLISTED REMOVALS. ITEMS THAT ARE SCHEDULED TO BE REMOVED AND REPLACED SHALL BE REPLACED WITHIN SEVEN (7) DAYS OF THEIR REMOVAL.
19. **SAW CUTTING:** CONTRACTOR SHALL SAW CUT PAVEMENT, CONCRETE SIDEWALK, CONCRETE DRIVEWAYS AND CURB AND GUTTER AT TIE-INS AS REQUIRED FOR A SMOOTH TRANSITION. THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
20. **SALVAGEABLE MATERIALS:** SALVAGEABLE MATERIALS FROM THIS PROJECT ARE TO BE HAULED AND STOCK PILED AT THE CITY YARD LOCATED AT 2600 N. FLORIDA AVENUE. HAUL OF SUCH MATERIAL SHALL BE PERFORMED DURING NORMAL WORKING HOURS AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT PRICE FOR ITEM "REMOVAL OF STRUCTURES AND OBSTRUCTIONS".
21. **WASTE MATERIALS:** WASTE MATERIAL MUST BE DISPOSED OF AT A STATE APPROVED SITE.
22. **PROTECTION OF EXISTING UTILITIES:** THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND AND OVERHEAD UTILITIES AND SHALL COORDINATE ALL WORK WITH UTILITY OWNERS. ALL IMPROVEMENTS WHICH ARE DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED, RECONSTRUCTED OR REPLACED WITHIN 24 HOURS TO THE ENGINEER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COMPENSATION.
23. **CONTRACTOR COORDINATION WITH UTILITIES:** THE CONTRACTOR IS HEREBY ADVISED THAT UTILITY RELOCATION WORK BY THE UTILITY OWNERS MAY BE PERFORMED CONCURRENT WITH CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE FOR UTILITY WORK IN CONJUNCTION WITH CONSTRUCTION OPERATIONS AND SHALL BE REQUIRED TO COORDINATE THE SCHEDULING OF WORK WITH THE RESPECTIVE UTILITY OWNERS. ANY CLAIMS FOR DELAY SHALL BE CONTROLLED BY THE TERMS AND CONDITIONS OF THE NMDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION.
24. **VERIFY ELEVATIONS:** THE CONTRACTOR SHALL EMPLOY A LICENSED NEW MEXICO SURVEYOR AND SHALL FIELD VERIFY ALL ELEVATIONS, DIMENSIONS, AND RIGHT-OF-WAY PRIOR TO THE BEGINNING OF CONSTRUCTION. THE ELEVATIONS WERE BASED ON AS-BUILT AND FIELD SURVEY DATA. THE CONTRACTOR SHALL LIMIT ALL WORK ON THIS PROJECT TO WITHIN THE EXISTING RIGHT-OF-WAY AND EASEMENTS. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION STAKING BID ITEM AND TO THE COMPLETION OF THE PROJECT, NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
25. **UTILITY DISCLAIMER:** UTILITY LOCATIONS SHOWN HEREON ARE BASED ON THE BEST AVAILABLE EVIDENCE INCLUDING PHYSICAL FEATURES SUCH AS VALVES, PEDESTALS, WARNING MARKERS AND SPOTS BY UTILITY LOCATING SERVICES. THERE IS NO GUARANTEE AS TO THE COMPLETENESS OR ACCURACY OF THE UTILITY DATA SHOWN ON THE PLANS. THE CONTRACTOR SHALL CONTACT ALL UTILITY OWNERS TO VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE CONFLICT WITH MINIMUM DELAY. EXCAVATION TO VERIFY LOCATIONS SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT, NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
26. **TRAFFIC CONTROL:** THE CONTRACTOR SHALL MAINTAIN AND CONTROL TRAFFIC AS OUTLINED IN THE "MUTCD, LATEST EDITION" DURING CONSTRUCTION. ANY NECESSARY DEVIATION FROM THE "MUTCD, LATEST EDITION" SHALL HAVE PRIOR APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL SUBMIT A COPY OF TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL, PRIOR TO START OF CONSTRUCTION.
27. **TRUCK WEIGHT:** MAXIMUM WEIGHT OF TRUCKS SHALL CONFORM TO N.M.D.O.T. STANDARDS. CONTRACTOR TO REPLACE ANY DAMAGED STREETS USED DURING CONSTRUCTION HAULING. REPLACEMENT OF DAMAGED STREETS SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT, NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
28. **WORK CONFINEMENT:** THE CONTRACTOR SHALL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS OR RIGHT-OF-WAY. PARKING OF EMPLOYEE'S PRIVATE VEHICLES SHALL NOT BE ALLOWED ALONG CONSTRUCTION AREAS THROUGHOUT CONSTRUCTION LIMITS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROHIBIT ASPHALT VEHICLES AND EQUIPMENT, ROLLERS, CRANES, ETC., FROM DRIVING UPON, ACROSS, OR TURNING ON PRIVATE PROPERTY ADJACENT TO PROJECT WORK AREAS.
29. **SURFACE FEATURES:** CONTRACTOR SHALL REPAIR OR REPLACE FENCES, BLOCK WALLS, OR SURFACE FEATURES, DAMAGED BY CONTRACTOR'S OR SUBCONTRACTOR'S OPERATIONS, TO EXISTING OR BETTER CONDITION. REPAIR OR REPLACEMENT OF FENCES, BLOCK WALLS, OR SURFACE FEATURES SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
30. **PROJECT VIDEO:** PRIOR TO INITIATING CONSTRUCTION OPERATIONS, CONTRACTOR, SHALL PERFORM DIGITAL VIDEO RECORDING OF THE ENTIRE PROJECT, ITS FULL LENGTH AND WIDTH. THE CONTRACTOR, SHALL ALSO INCLUDE OR ADD AS NECESSARY, ANY AREAS TO BE DISTURBED FOR MATERIAL STORAGE, EMPLOYEE PARKING OR EQUIPMENT STORAGE.

THE VIDEO DOCUMENTATION SHALL BE COMPLETED IN DIGITAL FORMAT; IT SHALL BE A MINIMUM RESOLUTION OF 1920 X 1080 PIXELS, AT 60 FPS (FRAME PER SECOND) AND IN COLOR. THE VIDEO DOCUMENTATION SHALL BE PERFORMED BETWEEN 10:00 A.M. AND 2:00 P.M. DURING PERIODS OF FULL SUN EXPOSURE. THE ACTUAL DATE OF RECORDING SHALL BE DATE-STAMPED WITHIN EACH FRAME OF THE VIDEO. APPROVAL OF THE VIDEO MUST BE OBTAINED FROM THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY CLEARING AND GRUBBING OPERATIONS.

A DVD COPY OF THE VIDEO RECORDING SHALL BE SUBMITTED TO THE ENGINEER, IN A FORMAT COMPATIBLE WITH STANDARD DVD PLAYERS.

ALL COST ASSOCIATED WITH THE VIDEO RECORDING SPECIFIED IN THIS ARTICLE SHALL BE CONSIDERED INCIDENTAL TO OTHER RELATED ITEMS OF WORK AND NO SEPARATE PAYMENT WILL BE MADE UNLESS SPECIFICALLY INDICATED ELSEWHERE IN THE SPECIAL PROVISIONS.
31. **SITE CLEAN UP:** PROJECT SITE(S) AND YARD(S) SHALL BE MAINTAINED BY CONTRACTOR AND KEPT IN A CLEAN AND ORDERLY MANNER TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.
32. **CONCRETE WASHOUT:** CONTRACTORS SHALL DESIGNATE, MAINTAIN, AND REMOVE CONCRETE WASHOUT WASTES IN ACCORDANCE WITH THE EPA BEST MANAGEMENT PRACTICES. THIS SHALL INCLUDE COLLECTION, RETENTION, AND RECYCLING/DISPOSAL OF WASHOUT WATER AND SOLIDS TO PREVENT CAUSTIC MATERIAL EXPOSURE TO SOILS AND GROUND WATER. MEASURES SHALL INCLUDE WASHOUT CONTAINMENT FACILITY(S), DIRECTIONAL SIGNAGE, AND DAILY INSPECTIONS FOR LEAK MONITORING AND CAPACITY OF CONTAINMENT FACILITY. ALL COSTS ASSOCIATED WITH THE CONCRETE WASHOUT SPECIFIED HEREIN SHALL BE CONSIDERED INCIDENTAL TO OTHER RELATED ITEMS OF WORK AND NO SEPARATE PAYMENT WILL BE MADE UNLESS SPECIFICALLY INDICATED ELSEWHERE IN THE SPECIAL PROVISIONS.

UTILITY COMPANY CONTACTS:

CITY OF ALAMOGORDO:
 WATER/SEWER: DAVE NUNNELLEY - 575.430.1947
 FACILITY/FIBER OPTIC: PAUL BENNETT - 575.921.4402
 PARK SUPERVISOR: ERIK MARION - 575.439.4139

PNM ELECTRIC: (OFFICE) 575.443.6610
 WILSON GUIN 575.430.2977
 ISAAC MUNCY 575.430.2171

NEW MEXICO GAS COMPANY: NATURAL GAS (OFFICE) 1.888.664.2726
 TIM TURRI 575.443.6424
 MARIO ESTRADA 575.430.8381
 ORLANDO MARTINEZ 575.202.9545

TELEPHONE (CENTURY LINK): GARY NELSON (O) 575.767.7467

Sheet List Table

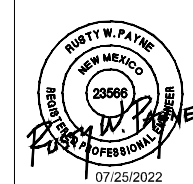
Sheet Number	Sheet Title
--	COVER SHEET
G1.0	GENERAL NOTES, UTILITY CONTACT, & INDEX OF SHEETS
G2.0	RECLAIMED HYDRANT & PROJECT LOCATION MAP
Q1.0	SUMMARY OF QUANTITIES
SR1.0	SURVEY CONTROL SHEET
RC1.0	CITY OF ALAMOGORDO ROADWAY DETAILS
RC2.0	RIDGECREST DRIVE MILL & INLAY PLAN
RC3.0	RIDGECREST DRIVE MILL & INLAY PLAN
U1.0	CITY OF ALAMOGORDO UTILITY DETAILS
U2.0	CITY OF ALAMOGORDO UTILITY DETAILS
U3.0	CITY OF ALAMOGORDO UTILITY DETAILS
U4.0	RIDGECREST DRIVE WATERLINE PLAN
U5.0	RIDGECREST DRIVE WATERLINE PLAN

REV. No.	DATE	DESCRIPTION	APPROVED

New Mexico One Call, Inc. Call 2 days before you dig!
NMOC Dial 811 or 1-800-321-2537
 Professional Resources for Damage Prevention



FY21 SMP - RIDGECREST DRIVE
GENERAL NOTES, UTILITY CONTACT, & INDEX OF SHEETS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-006	Sheet No.: G1.0
Drawn By: SMTH Designed By: SMTH	Sheet 2 of 13
Checked By: SMITH Approved By: COA	
Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	PW2001

RECLAIMED HYDRANT LOCATIONS (PURPLE HYDRANTS):

1. RS_HYD_01 - 3500 AIRPORT ROAD (AIRPORT USE ONLY)
2. RS_HYD_02 - 3500 AIRPORT ROAD
3. RS_HYD_03 - 2143 SOUTH WALKER AVENUE
4. RS_HYD_04 - 500 LaVELLE ROAD
5. RS_HYD_05 - 220 LaVELLE ROAD
6. RS_HYD_06 - 2150 US HIGHWAY 54 SOUTH
7. RS_HYD_07 - 2518 PUERTO RICO AVENUE
8. RS_FIL_01 - 800 EAST FIRST STREET

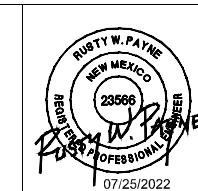


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FY21 SMP - RIDGECREST DRIVE
RECLAIMED HYDRANT & PROJECT LOCATION MAP
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



SMITH ENGINEERING
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 Las Cruces, NM 88001
 Phone: 575-523-2395
 www.smithengineering.pro

Public Works Bid No.: 2022-006
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **G2.0**
 Sheet 3 of 13
 PW2001

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY
1	12" SUBGRADE PREPARATION; CIP	SY	1,050	
2	8" BASE COURSE; CIP	SY	1,050	
3	PRIME COAT MATERIAL; CIP	SY	5,130	
4	2" THICK HMA COLD MILLING; CIP	SY	4,080	
5	HMA SP-IV 2" THICK; CIP	SY	4,080	
6	HMA SP-IV 3" THICK; CIP	SY	1,050	
7	CONCRETE PAVEMENT 4"; CIP	SY	120	
8	CONCRETE PAVEMENT 6"; CIP	SY	20	
9	24" CURB AND GUTTER (ALL TYPES); CIP	LF	65	
10	36" WIDE VALLEY GUTTER; CIP	LF	20	
11	MOBILIZATION & DEMOBILIZATION; CIP	LS	1	
12	FURNISH & PROVIDE MUTCD PLAN; CIP	LS	1	
13	ABANDON EXISTING WATER VALVE; CIP	EA	2	
14	REMOVE EXISTING FIRE HYDRANT; CIP	EA	3	
15	REMOVE EXISTING WATER VALVE; CIP	EA	4	
16	INSTALL CITY FURNISHED 3/4" WATER SERVICE LINE; COMPL	EA	50	
17	INSTALL CITY FURNISHED 6" PVC C-900 DR-18 PIPE; COMPL	LF	1,740	
18	PIPE ENCASEMENT; CIP	LF	60	
19	INSTALL CITY FURNISHED FIRE HYDRANT ASSEMBLY; CIP	EA	3	
20	INSTALL WATER SAMPLING STATION; CIP	EA	1	
21	DRY LATERAL WATERLINE CONNECTION; CIP	EA	2	
22	CUT AND CAP WATERLINE; CIP	EA	15	
23	INSTALL CITY FURNISHED GATE VALVE-6", COMPL	EA	4	
24	ADJUST MANHOLE TO FINAL GRADE; CIP	EA	5	
25	CONSTRUCTION STAKING BY THE CONTRACTOR; CIP	LS	1	

CITY ON-HAND MATERIALS FOR CONTRACTOR INSTALLATION:

THE FOLLOWING MATERIALS HAVE BEEN PURCHASED AND ARE READY FOR INSTALLATION ON THIS PROJECT BY THE CONTRACTOR. THE ITEMS ARE ANNOTATED WITHIN THE ABOVE SCHEDULE AS "CITY FURNISHED". CONTRACTOR SHALL PROVIDE THE UNIT COST TO PICK UP SUPPLIED MATERIALS AT THE CITY YARD, TRANSPORT, STORE, AND INSTALL THE SUPPLIED MATERIALS IN ACCORDANCE WITH THE CITY OF ALAMOGORDO TECHNICAL STANDARDS.

- 6"Ø PVC C-900 DR-18 WATER PIPE.
- ¾"Ø WATER SERVICE LINE: CORPORATION STOPS, SADDLE TAPS, AND CURB STOPS.
- 6" RESILIENT SEAT GATE VALVES AND VALVE BOXES.
- FIRE HYDRANTS.

NOTE TO CONTRACTOR:

THE CONTRACTOR WILL BE RESPONSIBLE FOR PURCHASING AND INSTALLING ALL ITEMS NOT EXPLICITLY LISTED AS BEING SUPPLIED BY THE CITY. THIS INCLUDES NEW METER CANS AND LIDS.

ROADWAY & UTILITY RELATED PAY ITEM NOTES

- 12" SUBGRADE PREPARATION:** INCLUDING SCARIFICATION AND COMPACTION OF UNDERLYING MATERIALS AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- 8" BASE COURSE:** INCLUDING MATERIAL, IMPORT BACKFILL, AND COMPACTION AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- PRIME COAT:** INCLUDING MATERIAL AND LABOR REQUIRED TO INSTALL PRIME COAT ATOP FINISHED BASE COARSE AND/OR MILLED PAVEMENT FOR OVERLAY AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- 2" THICK HMA COLD MILLING:** INCLUDING MILLING AND DISPOSAL OF EXISTING MATERIALS AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- HMA SP-IV 2" THICK:** INCLUDING SP-IV ASPHALT PAVEMENT, TACK COAT, PRIME COAT, AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- HMA SP-IV 3" THICK:** INCLUDING SP-IV ASPHALT PAVEMENT, TACK COAT, PRIME COAT, AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- CONCRETE PAVEMENT 4":** INCLUDING SAW CUTTING, REMOVAL, AND DISPOSAL OF REMOVED MATERIAL, 6" SUBGRADE PREPARATION AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- CONCRETE PAVEMENT 6":** INCLUDING SAW CUTTING, REMOVAL, AND DISPOSAL OF REMOVED MATERIAL, 6" SUBGRADE PREPARATION AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- 24" CURB AND GUTTER (ALL TYPES):** INCLUDING SAW CUTTING, REMOVAL, AND DISPOSAL OF REMOVED MATERIAL, 8" SUBGRADE PREPARATION, 6" BASE COURSE, AND APPURTENANCES AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- 36" WIDE VALLEY GUTTER:** INCLUDING SAW CUTTING, REMOVAL, AND DISPOSAL OF REMOVED MATERIAL, 10" SUBGRADE PREPARATION, 6" BED COURSE, AND 8" THICK VALLEY GUTTER AND APPURTENANCES AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- FURNISH & PROVIDE MUTCD PLAN:** PROJECT WIDE TRAFFIC CONTROL DEVICES, MANAGEMENT, AND MODIFICATION FOR THE SAFE HANDLING OF PEDESTRIAN AND VEHICULAR TRAFFIC. PROVIDE SUPERVISION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES BY A NEW MEXICO CERTIFIED TRAFFIC CONTROL SUPERVISOR (TCS) AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- MOBILIZATION:** INCLUDING GENERAL CONDITION ITEMS AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- ABANDON EXISTING WATER VALVE:** INCLUDING EXCAVATION, BACKFILL, COMPACTION, AND REMOVAL/DISPOSAL OF SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE, AND ACCEPTED BY THE CITY. THE VALVE FINAL POSITION (OPENED/CLOSED) SHALL BE AT THE CITY'S DISCRETION.
- REMOVE EXISTING FIRE HYDRANT:** INCLUDING EXCAVATION, BACKFILL, COMPACTION, AND REMOVAL AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE, AND ACCEPTED BY THE CITY. EXISTING FIRE HYDRANT SHALL BE SALVAGED TO THE CITY.
- REMOVE EXISTING WATER VALVE:** INCLUDING EXCAVATION, REMOVAL/DISPOSAL OF VALVE BOX AND VALVE, REMOVAL/DISPOSAL OF EXISTING CONCRETE VALVE BOX COLLAR, BACKFILL, COMPACTION, AND REQUIRED APPURTENANCES TO COMPLETE THE REMOVAL AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE, AND ACCEPTED BY THE CITY.
- ¾" WATER SERVICE REPLACEMENT:** REINSTALL EXISTING WATER METER UNLESS SCHEDULED FOR REPLACEMENT INCLUDING NEW METER CAN, COPPER METER RESETTER (12-INCH RISER) WITH ANGLE DUAL CHECK BACKFLOW PREVENTER/DEVICE, CURB STOP, 1-INCH SERVICE LINE (PROVIDED BY THE CITY), CORPORATION STOP, CUSTOMER SIDE SHUT-OFF BALL VALVE w/ VALVE BOX, FITTINGS, DETECTABLE WARNING TAPE, TRACING WIRE, EXCAVATION, BACKFILL, COMPACTION, TESTING, DISINFECTION, AND REQUIRED APPURTENANCES TO COMPLETE REPLACEMENT AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- WATER SAMPLING STATION:** INCLUDING PIPING, COUPLINGS, ALL JOINING MATERIALS, EXCAVATION, BEDDING, DETECTABLE WARNING TAPE, TRACING WIRE, BACKFILL, COMPACTION, TESTING, DISINFECTION, VALVE w/ VALVE BOX, AND SAMPLING STATION TO COMPLETE INSTALLATION AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE, AND ACCEPTED BY THE CITY.
- 6" PVC WATERLINE (DR-18):** INCLUDING REMOVAL AND DISPOSAL OF EXISTING WATERLINE AS NECESSARY, PIPE (PROVIDED BY THE CITY), RESTRAINED JOINTS, MJ FITTINGS (DUCTILE CLASS 250 OR HIGHER), ALL JOINING MATERIALS, BEDDING, DETECTABLE WARNING TAPE, TRACING WIRE, EXCAVATION, BACKFILL, COMPACTION, TESTING, DISINFECTION, AND APPURTENANCES REQUIRED TO COMPLETE INSTALLATION AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- PIPE ENCASEMENT:** INCLUDING EXCAVATION, CONCRETE ENCASEMENT PLACEMENT w/ APPURTENANCES, BACKFILL, AND COMPACTION AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- NEW FIRE HYDRANT:** FIRE HYDRANT ASSEMBLY (PROVIDED BY THE CITY), RESTRAINED JOINTS/THRUST BLOCK, GRAVEL DRAIN, CONNECTING PIPING, M.J. FITTINGS (DUCTILE CLASS 250 OR HIGHER), 6" GAVE VALVE, VALVE BOX, CONCRETE COLLAR, WARNING TAPE, TRACING WIRE, TRACING WIRE TEST STATION, EXCAVATION, BACKFILL, COMPACTION, TESTING, DISINFECTION, AND APPURTENANCES AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- DRY LATERAL WATERLINE CONNECTION:** INCLUDING PIPING, COUPLINGS, ALL JOINING MATERIALS, CAPS, BLOCKING, EXCAVATION, BEDDING, DETECTABLE WARNING TAPE, TRACING WIRE, BACKFILL, COMPACTION, TESTING, DISINFECTION, AND APPURTENANCES TO COMPLETE INSTALLATION AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- CUT AND CAP WATERLINES:** INCLUDING MJ FITTING (DUCTILE CLASS 250 OR HIGHER), WATERLINE PURGING, ALL JOINING MATERIALS, BLOCKING, EXCAVATION, BACKFILL, COMPACTION, DISPOSAL OF REMOVED PIPE SECTIONS, AND APPURTENANCES REQUIRED TO COMPLETE THE INSTALLATION AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- 6" MAIN LINE GATE VALVE:** 6" GATE VALVE (PROVIDED BY THE CITY), INCLUDES POLY WRAPPED, MJ FITTINGS (DUCTILE CLASS 250 OR HIGHER), RESTRAINTS, VALVE BOX, CONCRETE COLLAR, AND APPURTENANCES REQUIRED TO COMPLETE INSTALLATION AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- ADJUST EXISTING MANHOLE TO FINAL GRADE:** INCLUDING REMOVE/DISPOSAL OF EXISTING RING, LID, CONCRETE COLLAR, NEW RING/LID, CONCRETE COLLAR, AND APPURTENANCES, AS SPECIFIED AND/OR SHOWN ON THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.
- CONSTRUCTION STAKING AND SURVEYING:** INCLUDING ALL LAYOUT, SURVEYING, AND APPURTENANCES REQUIRED TO COMPLETE WORK AS SPECIFIED AND/OR SHOWN IN THE CONSTRUCTION DOCUMENTS, COMPLETE, IN PLACE AND ACCEPTED BY THE CITY.

REV. No.	DATE	DESCRIPTION	APPROVED

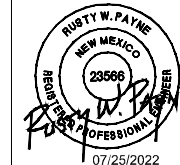
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FY21 SMP - RIDGECREST DRIVE

SUMMARY OF QUANTITIES

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



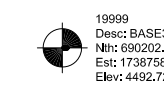
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 Solutions for Today... Vision for Tomorrow
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 Las Cruces, NM 88001
 Phone: 575-523-2395
 www.smithengineering.pro

Public Works Bid No.: 2022-006
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: Q1.0
 Sheet 4 of 13
 PW2001

A TOPOGRAPHIC
AND UTILITY IMPROVEMENTS SURVEY EXHIBIT OF
RIDGECREST DRIVE,
WITHIN SECTION 21, T. 16 S., R. 10 E., OF THE N.M.P.S. OF THE U.S. SURVEYS,
CITY OF ALAMOGORDO, OTERO COUNTY, NEW MEXICO
SCALE 1"=50' NOVEMBER 30, 2021

MATCH TO LOW RIGHT



CONTROL MONUMENTS:

Point	Northing	Easting	Elevation	Description
19999	690202.502	1738758.641	4492.72	BASE3
20000	690590.428	1734277.883	4391.01	ACF COA 20201
20001	691807.857	1742380.467	4603.51	CAO 1994 A 11
20002	693968.679	1742166.373	4635.83	BC PBM3
20004	685031.522	1731703.8	4359.94	BCF PBM7
20007	690080.486	1731114.158	4349.34	ACF COA 2020 9

NOTES:

1. HORIZONTAL CONTROL IS BASED ON NAD 83 DATUM, AND VERTICAL CONTROL IS BASED ON NAVD88, BENCHMARK COORDINATES ARE IN GRID, AND ARE BASED ON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, CITY OF ALAMOGORDO BENCHMARK COA20201.

COORDINATES ARE:
ALUMINUM CAP FOUND COA20201
NORTHING: 690590.40
EASTING: 1734277.87
ELEVATION: 4391.01

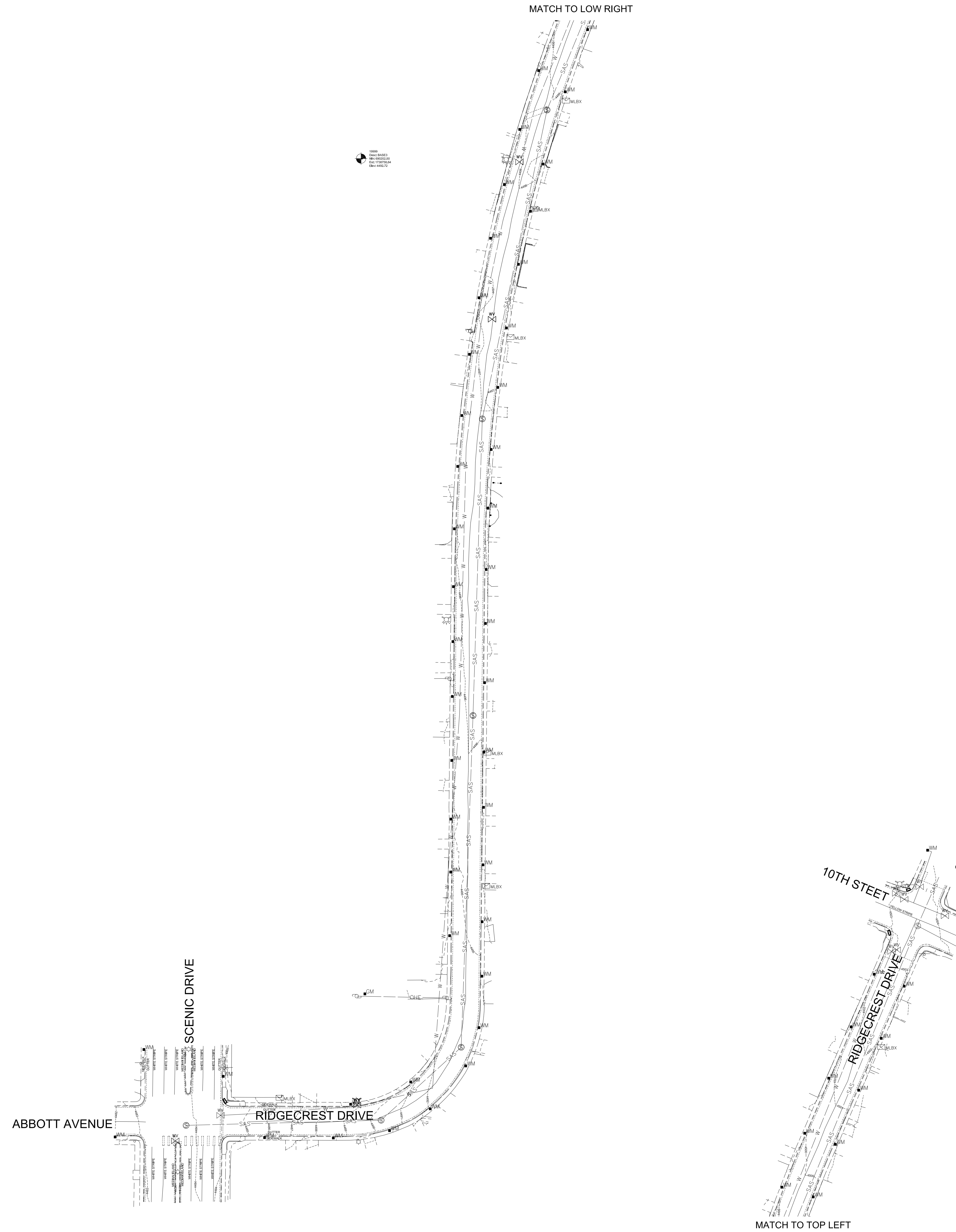
2. THIS IS NOT A BOUNDARY SURVEY. APPARENT PROPERTY CORNERS AND PROPERTY LINES ARE SHOWN FOR INFORMATION ONLY.

3. ONLY EXISTING MONUMENTS FOUND AT THE TIME OF THE SURVEY ARE SHOWN, UNLESS OTHERWISE NOTED.

4. THIS MAP HAS BEEN PRODUCED ACCORDING TO PROCEDURES THAT HAVE BEEN DEMONSTRATED TO PRODUCE DATA THAT MEETS OR EXCEEDS THE MINIMUM STANDARDS FOR A TOPOGRAPHIC MAP COMPLIED AT A SCALE 1"=20' WITH A CONTOUR INTERVAL OF 1 FOOT.

6. THIS PLAT IS NOT A LAND DIVISION OR SUBDIVISION AS DEFINED IN THE NEW MEXICO SUBDIVISION ACT.

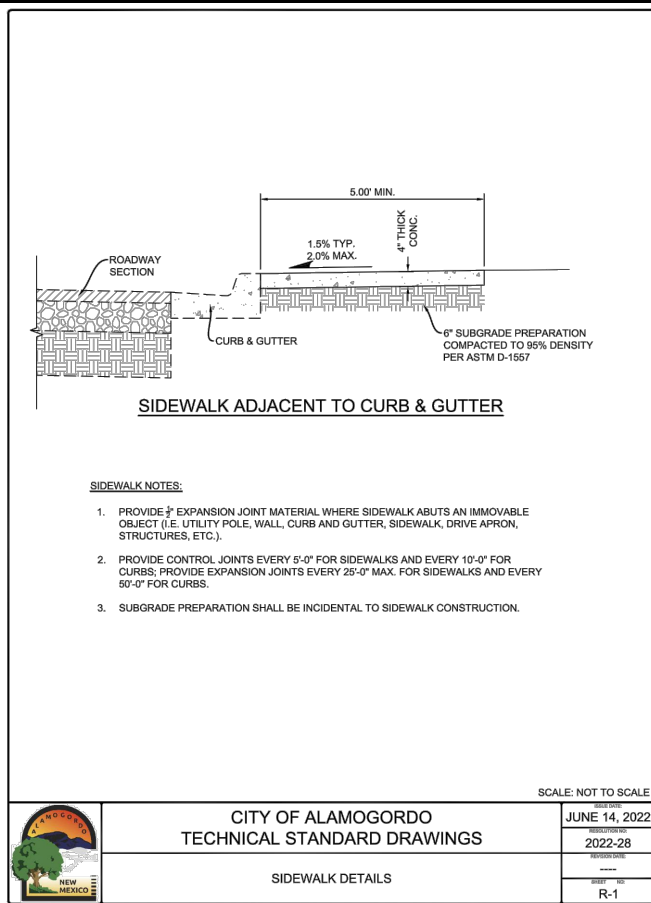
7. ONLY VISUAL UTILITIES FOUND AT THE TIME OF SURVEY ARE SHOWN.



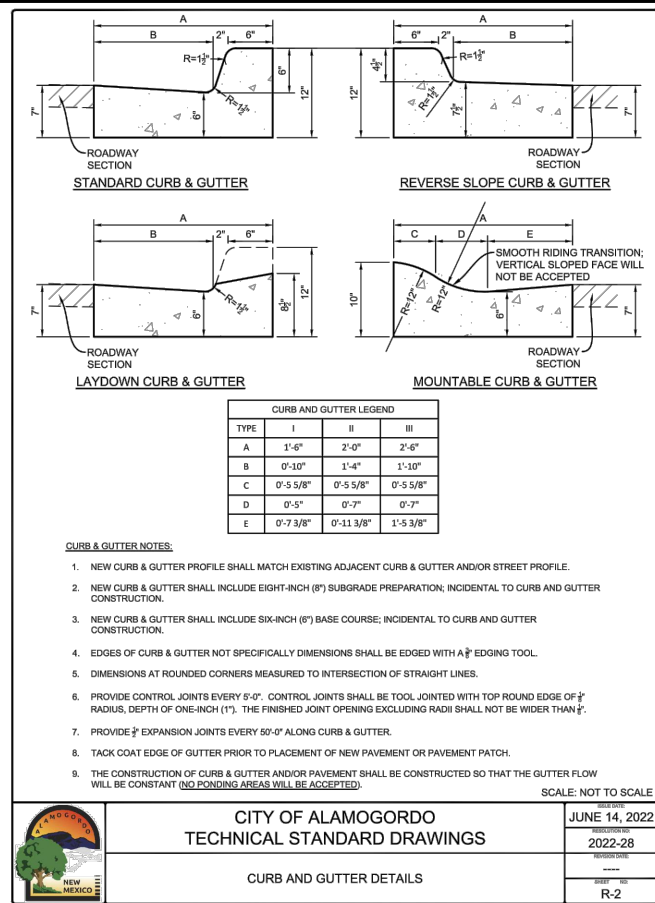
MATCH TO TOP LEFT

SURVEYOR'S CERTIFICATION
I, R. GERARDO IBARRA, A NEW MEXICO PROFESSIONAL SURVEYOR
CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS
SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF AND THAT THIS SURVEY
AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN
NEW MEXICO.
R. GERARDO IBARRA, P.S., #23259 DATE 11/29/2021





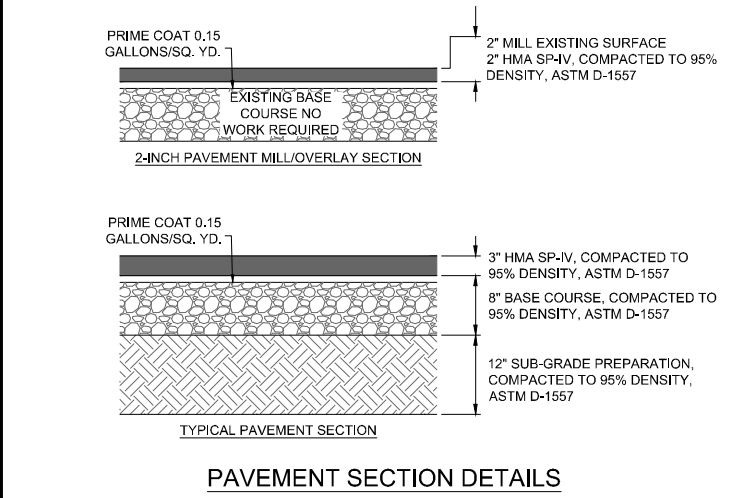
CITY OF ALAMOGORDO TECHNICAL STANDARD DRAWINGS
JUNE 14, 2022
2022-28
R-1



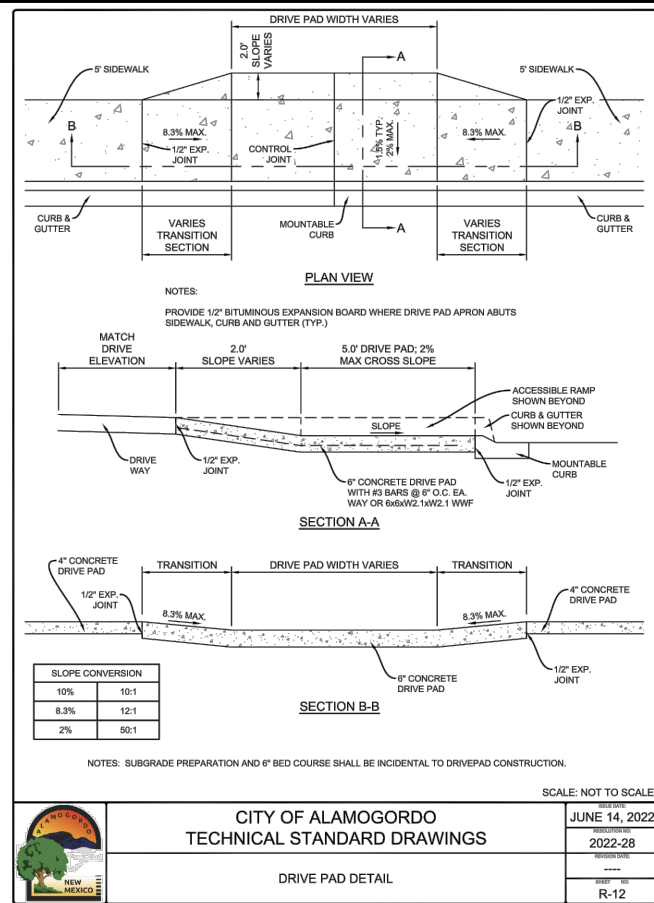
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2022-28
R-2

NOTE TO CONTRACTOR:

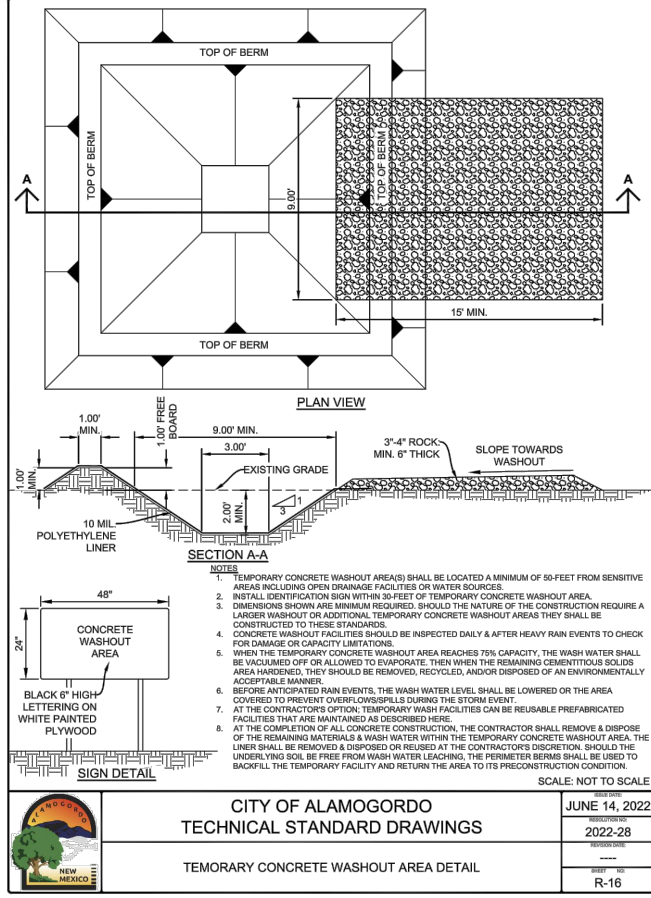
- UTILITY TRENCH SECTION SHALL RECEIVE THE TYPICAL PAVEMENT SECTION AS SHOWN BELOW.
- ALL OTHER ASPHALT OUTSIDE TRENCH SECTIONS SHALL BE MILLED AND OVERLAID PER THE RESPECTIVE DETAIL.



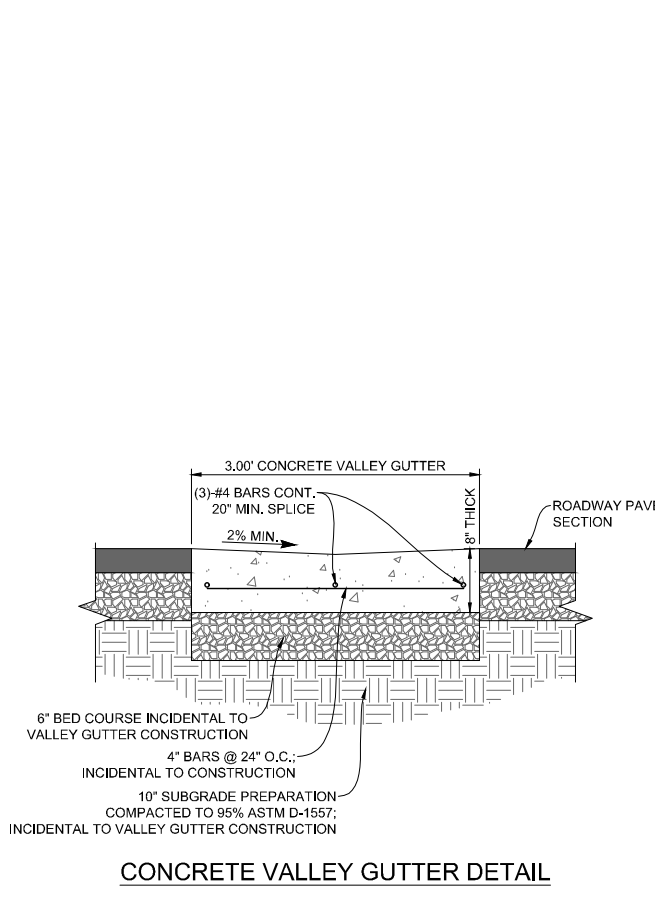
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2022-28
S-4



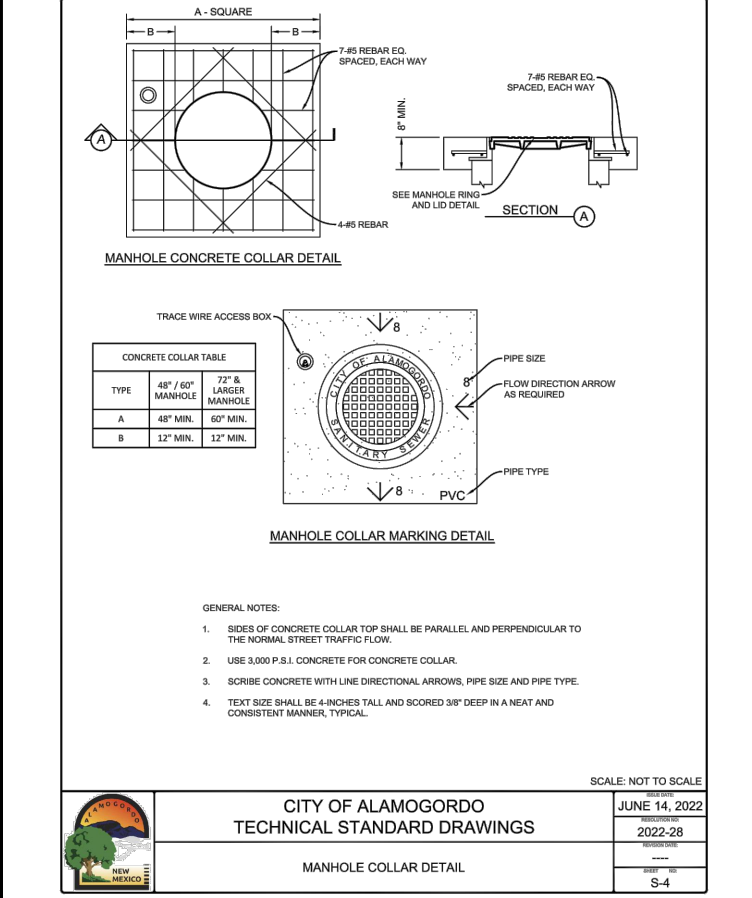
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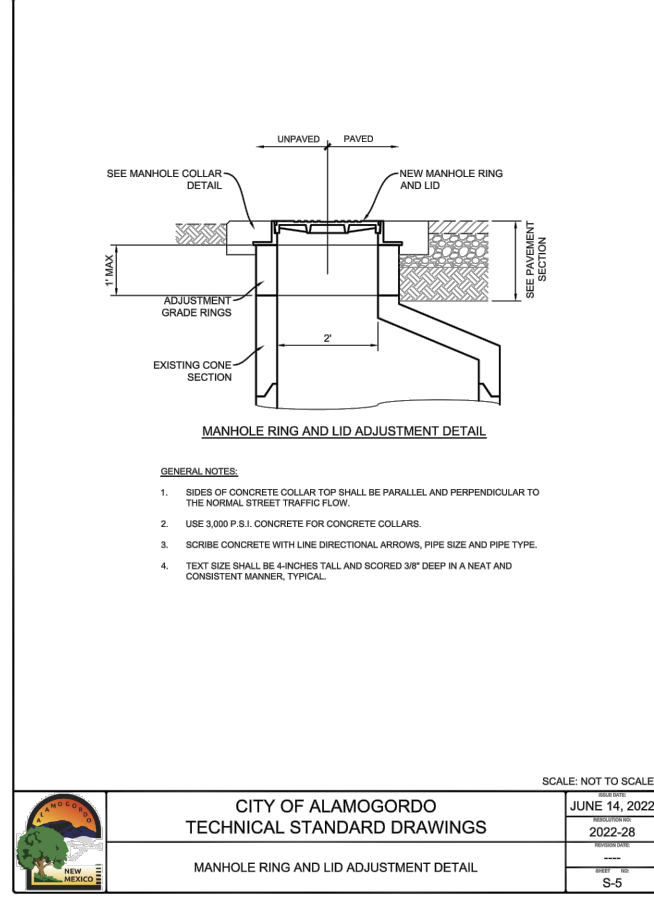
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CITY OF ALAMOGORDO TECHNICAL STANDARD DRAWINGS
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S-5



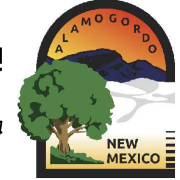
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JUNE 14, 2022
2022-28
S-4



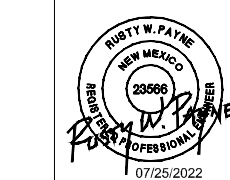
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S-5

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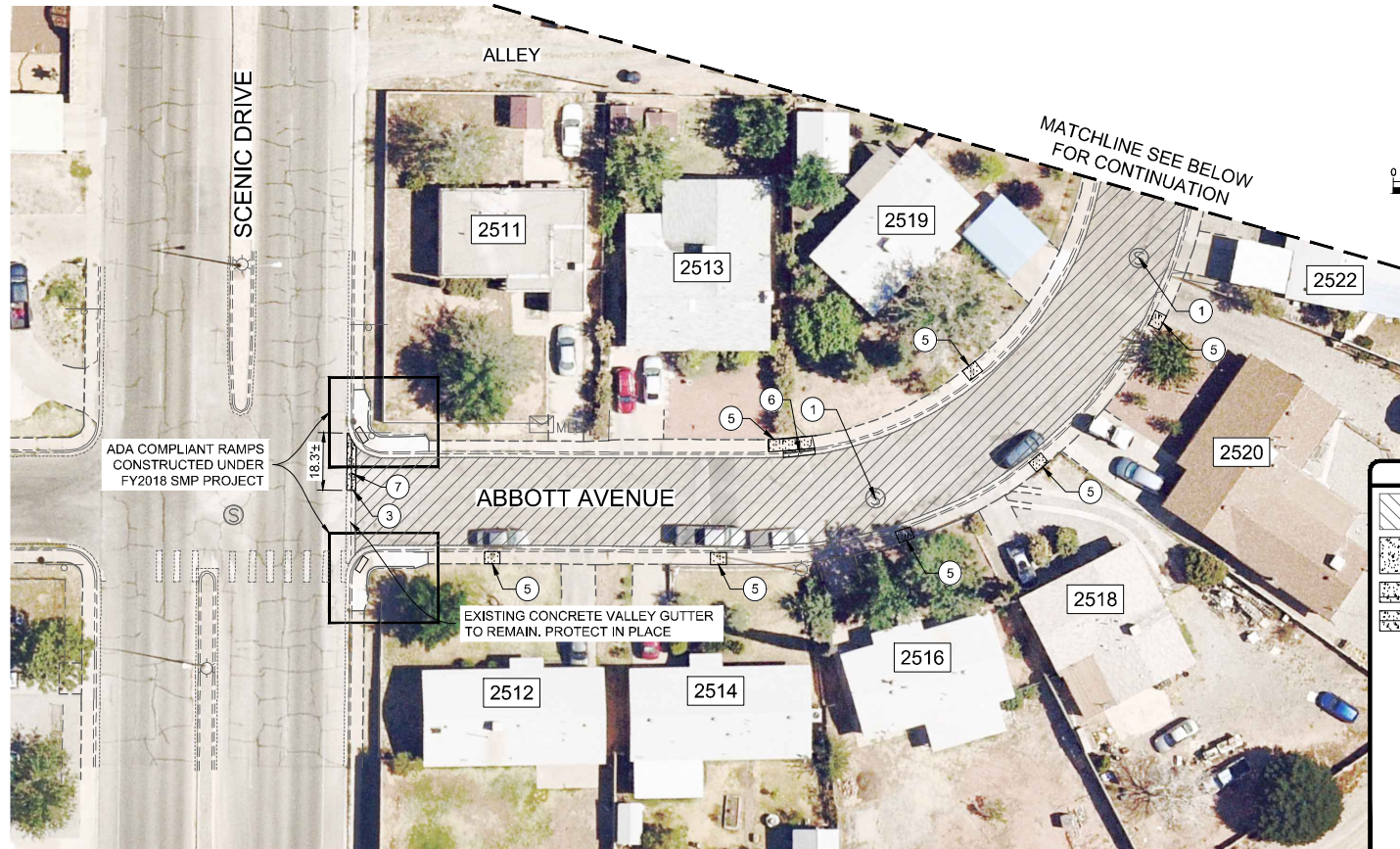


FY21 SMP - RIDGECREST DRIVE
CITY OF ALAMOGORDO ROADWAY DETAILS
CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-006
Drawn By: SMITH
Checked By: SMITH
Designed By: SMITH
Approved By: COA
Scale: HORIZ. BAR SCALE
INCLUDE VERT SCALE ON P&P

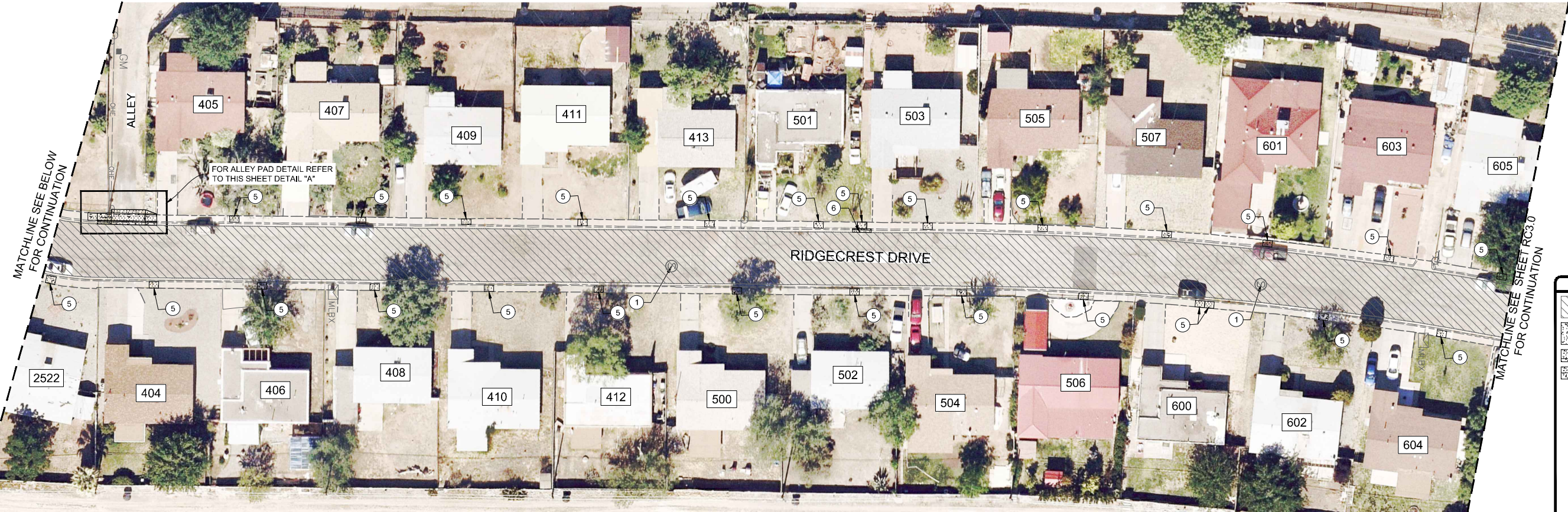
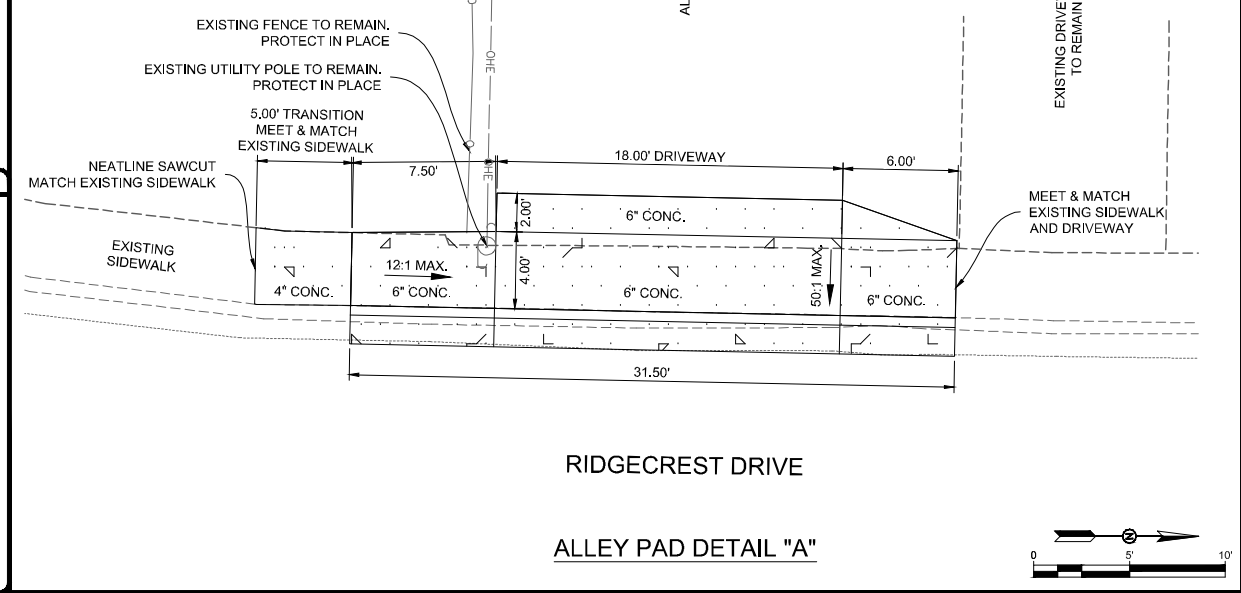
Sheet No.: RC1.0
Sheet 6 of 13
PW2001



LEGEND - PAVING

	2" MILL & INLAY
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED CURB AND GUTTER
	PROPOSED 3" CONCRETE VALLEY GUTTER
①	ADJUST EXISTING MANHOLE TO GRADE
②	ADJUST EXISTING VALVE BOX TO GRADE
③	NEAT LINE SAW CUT
④	REMOVE & RESET EXISTING SINGLE POLE STREET SIGN
⑤	REMOVE & REPLACE EXISTING 4" CONCRETE SIDEWALK (5' WIDTH)
⑥	REMOVE & REPLACE EXISTING CURB AND GUTTER (10' WIDTH)
⑦	REMOVE & REPLACE EXISTING 8" THICK/3' WIDE CONCRETE VALLEY GUTTER

- ALLEY PAD GENERAL NOTES:**
- USE 2" EXPANSION BOARD WHERE SIDEWALK OR DRIVE/ALLEY PADS ABUTS BUILDINGS, FENCES, WALLS, SIDEWALKS, OR OTHER IMMOVABLE OBJECTS.
 - IF AREA BEHIND DRIVE/ALLEY PAD IS HIGHER, THE TRANSITION AREA CAN HAVE A MAXIMUM SLOPE OF 8:1 OR FLATTER TO MATCH EXISTING GRADE.
 - IF AREA BEHIND DRIVE/ALLEY PAD IS LOWER, THE TRANSITION AREA CAN HAVE A 12:1 OR FLATTER SLOPE TO MATCH EXISTING GRADE.
 - DRIVE/ALLEY PADS WIDER THAN 18" (NOMINAL) ARE TO HAVE EXPANSION BOARD JOINT AT MIDPOINT. DRIVE/ALLEY PADS WIDER THAN 22" ARE TO HAVE EXPANSION BOARD JOINTS EQUALLY SPACED WITH NO MORE THAN 20' BETWEEN JOINTS. CONSTRUCTION JOINTS ARE TO BE MADE NOT EXCEEDING 8' INTERVALS AND MATCHING CONSTRUCTION JOINTS ON CURBING WHEREVER POSSIBLE.
 - PAYMENT FOR SUBGRADE PREPARATION UNDER SIDEWALKS, DRIVE/ALLEY PADS, AND CURB & GUTTER SHALL BE CONSIDERED INCIDENTAL TO RESPECTIVE ITEMS. SIDEWALK AND DRIVE/ALLEY PADS MAY BE PLACED AT THE SAME TIME.
 - DRIVE/ALLEY PADS, RAMPS, AND TRANSITION AREAS SHALL BE PAID AS 6-INCH THICK CONCRETE. SIDEWALK TRANSITION AREAS SHALL BE PAID AS 4-INCH THICK CONCRETE.



LEGEND - PAVING

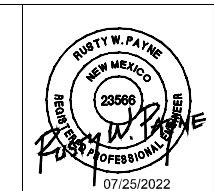
	2" MILL & INLAY
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED CURB AND GUTTER
	PROPOSED 3" CONCRETE VALLEY GUTTER
①	ADJUST EXISTING MANHOLE TO GRADE
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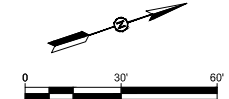


FY21 SMP - RIDGECREST DRIVE
RIDGECREST DRIVE MILL & INLAY PLAN
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-006
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **RC2.0**
 Sheet 7 of 13
 PW2001



LEGEND - PAVING	
	2" MILL & INLAY
	PROPOSED 4" CONCRETE SIDEWALK
	PROPOSED CURB AND GUTTER
	PROPOSED 3" CONCRETE VALLEY GUTTER
①	ADJUST EXISTING MANHOLE TO GRADE
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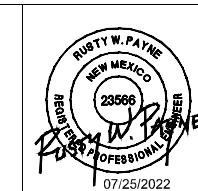
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FY21 SMP - RIDGECREST DRIVE

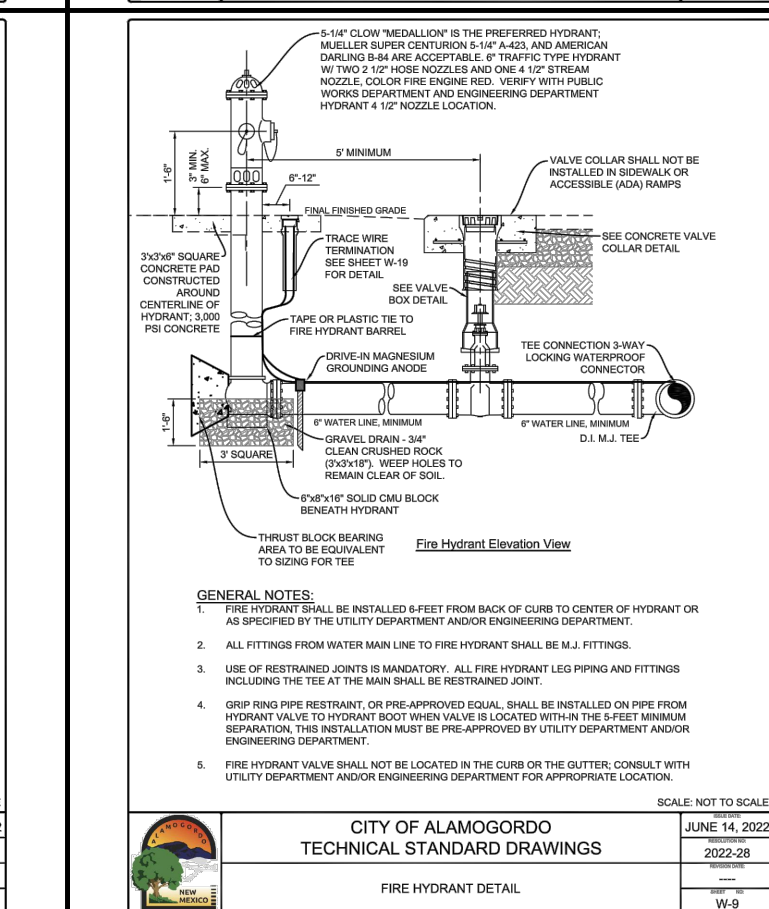
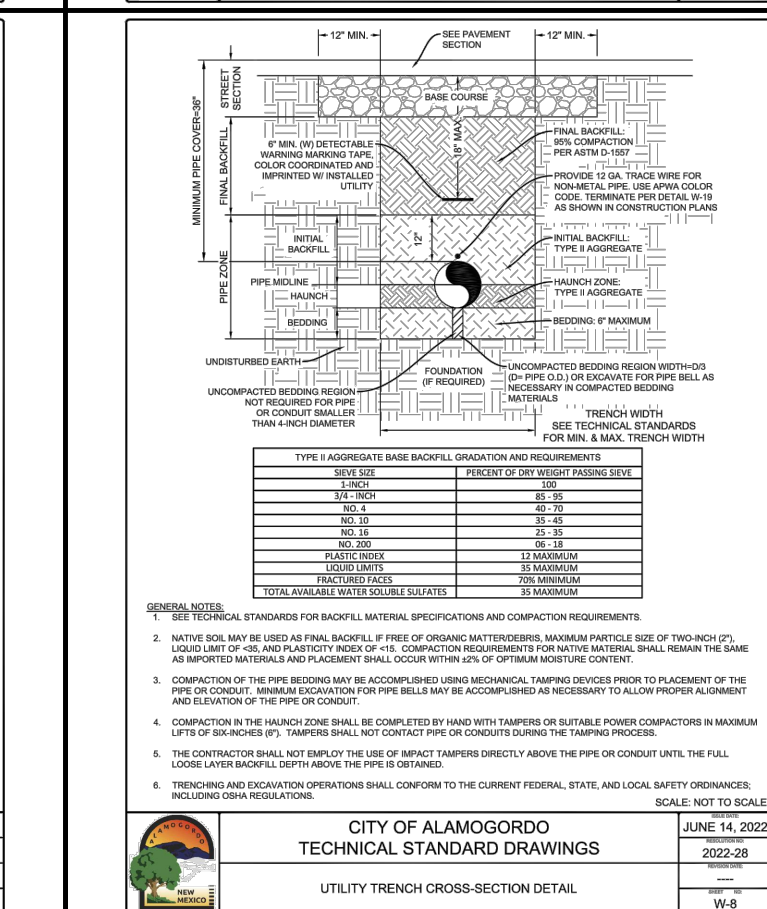
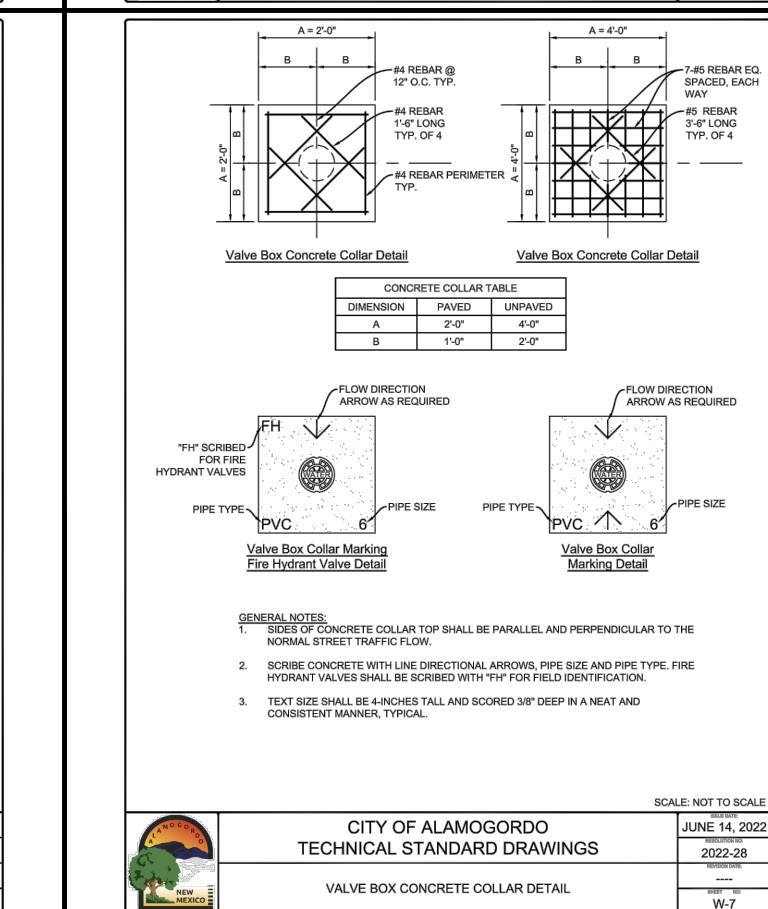
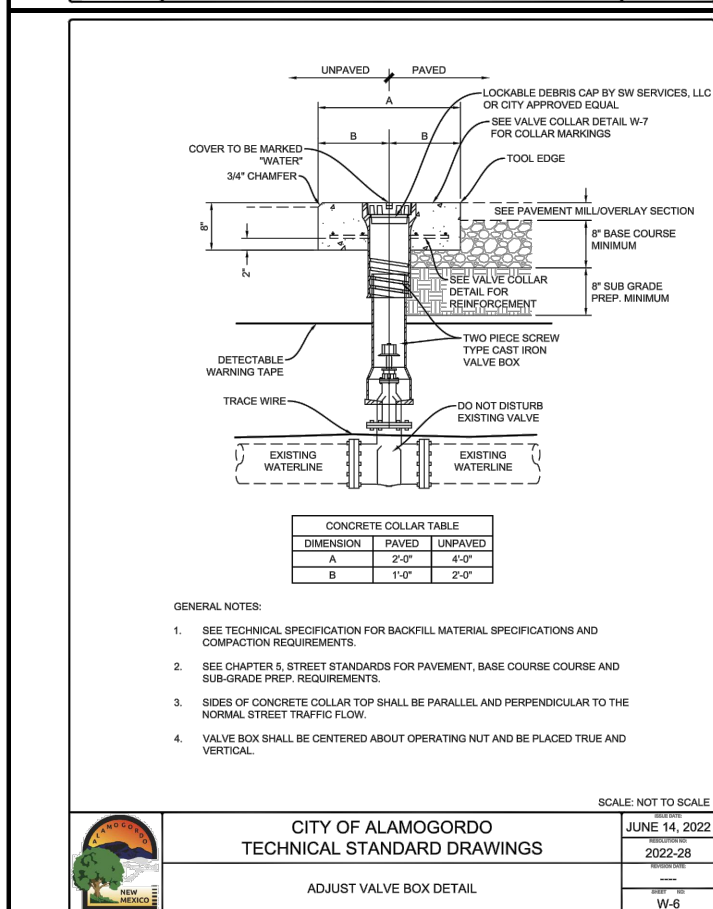
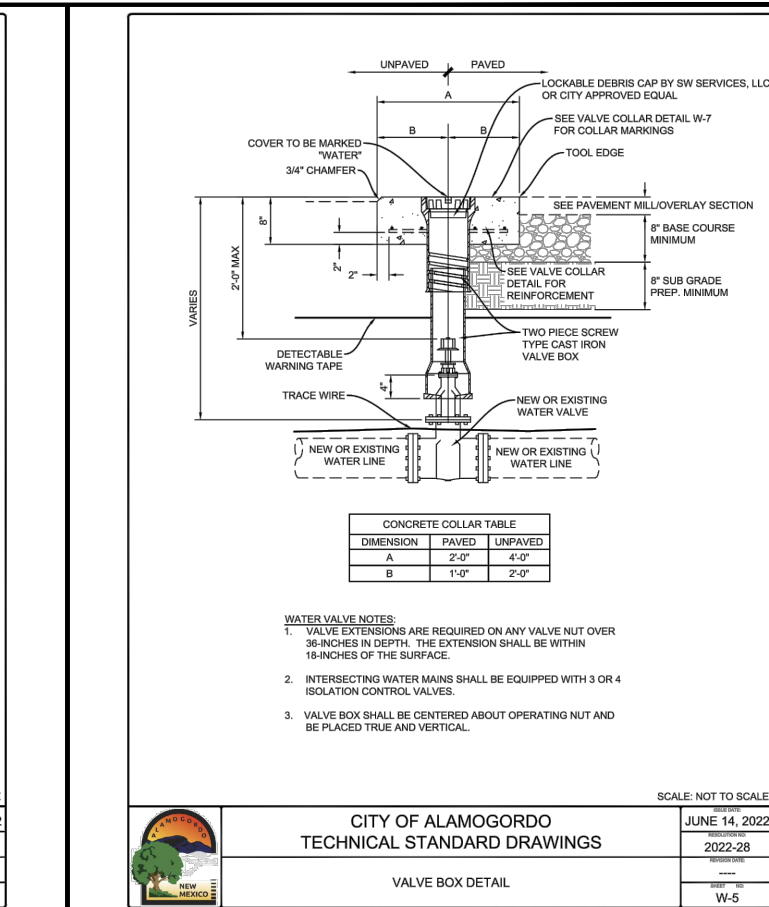
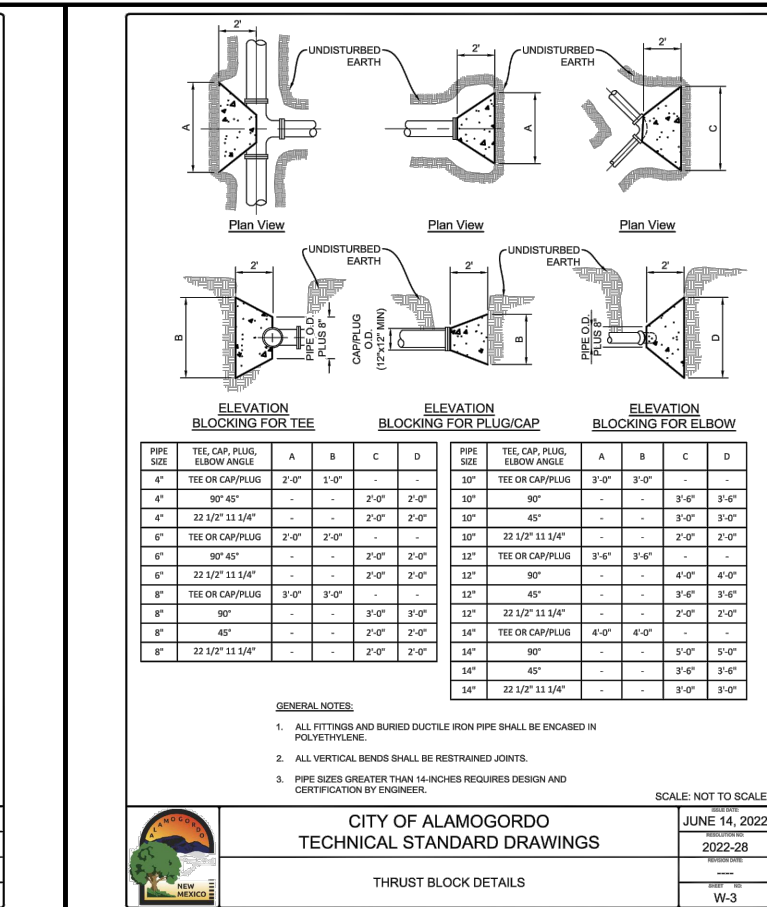
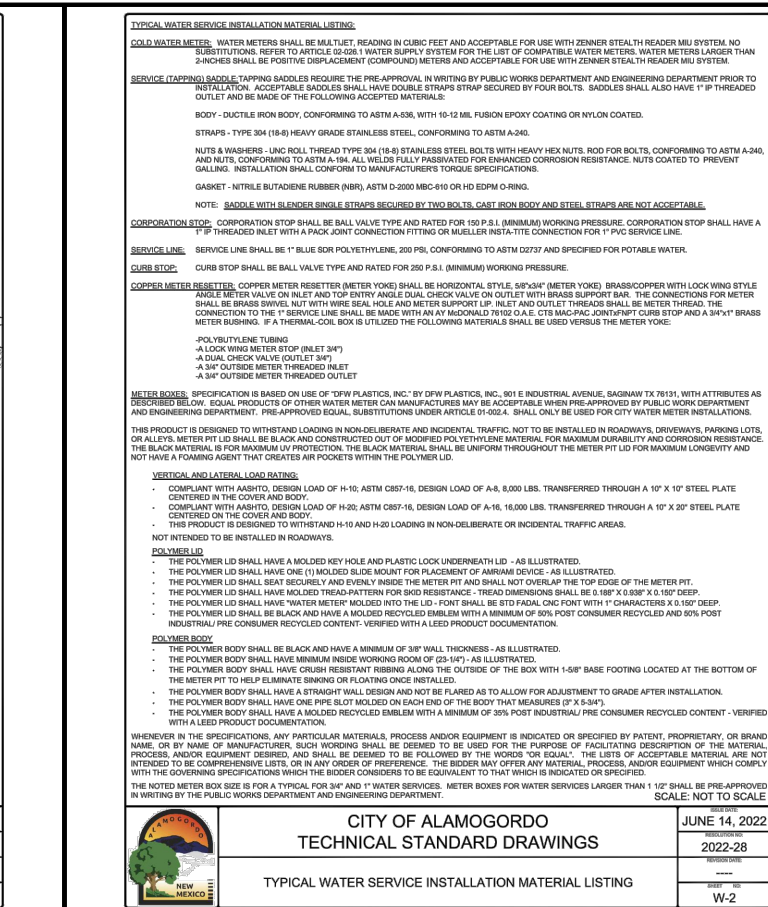
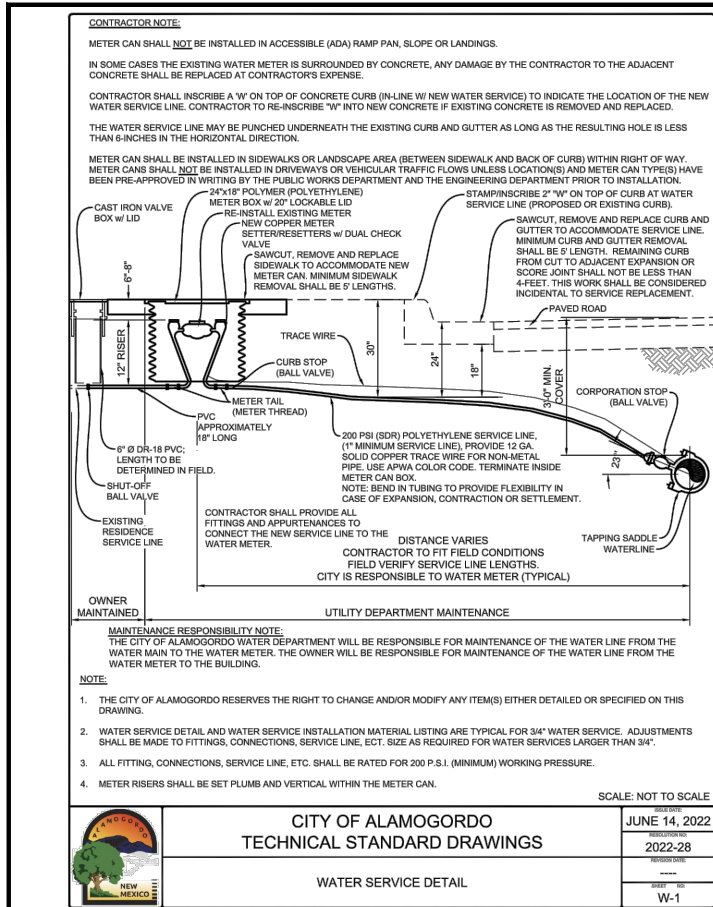
RIDGECREST DRIVE MILL & INLAY PLAN

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



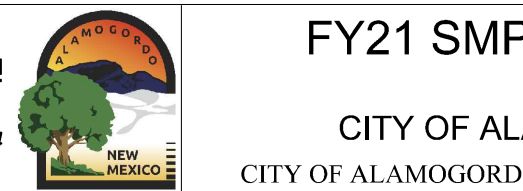
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Drawn By: SMITH Designed By: SMITH	RC3.0
Checked By: SMITH Approved By: COA	Sheet 8 of 13
Scale: HORIZ. BAR SCALE INCLUDE VERT SCALE ON P&P	PW2001

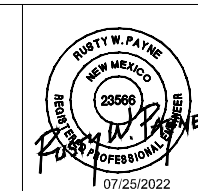


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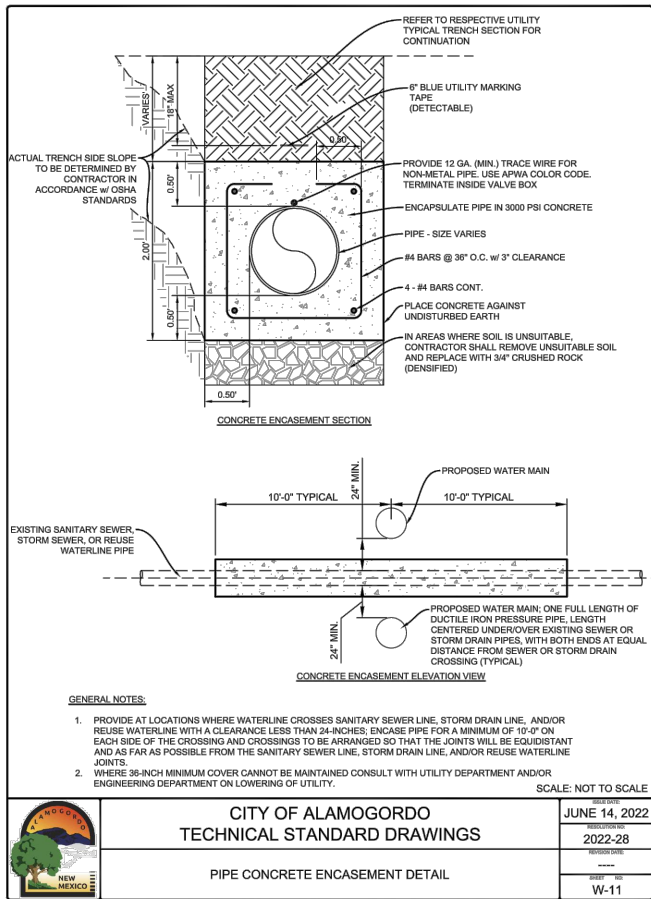


FY21 SMP - RIDGECREST DRIVE
CITY OF ALAMOGORDO UTILITY DETAILS
CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

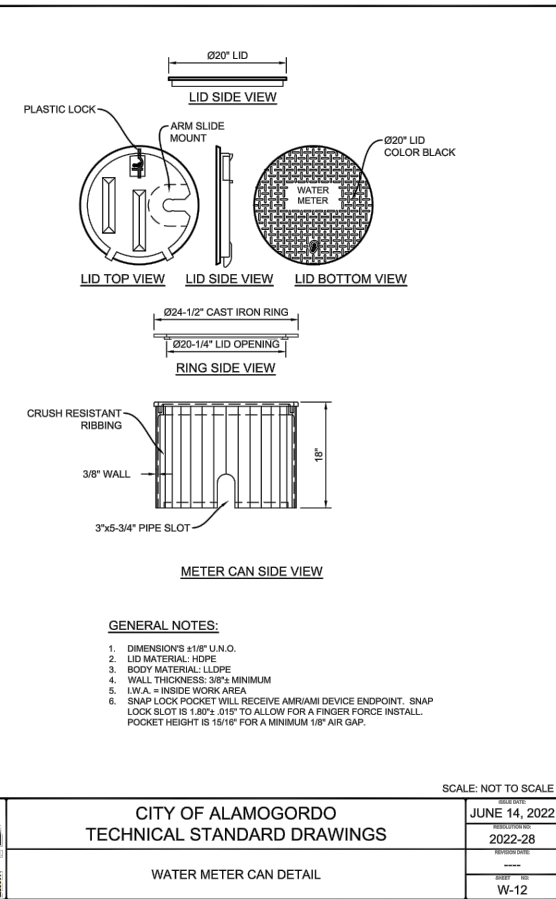


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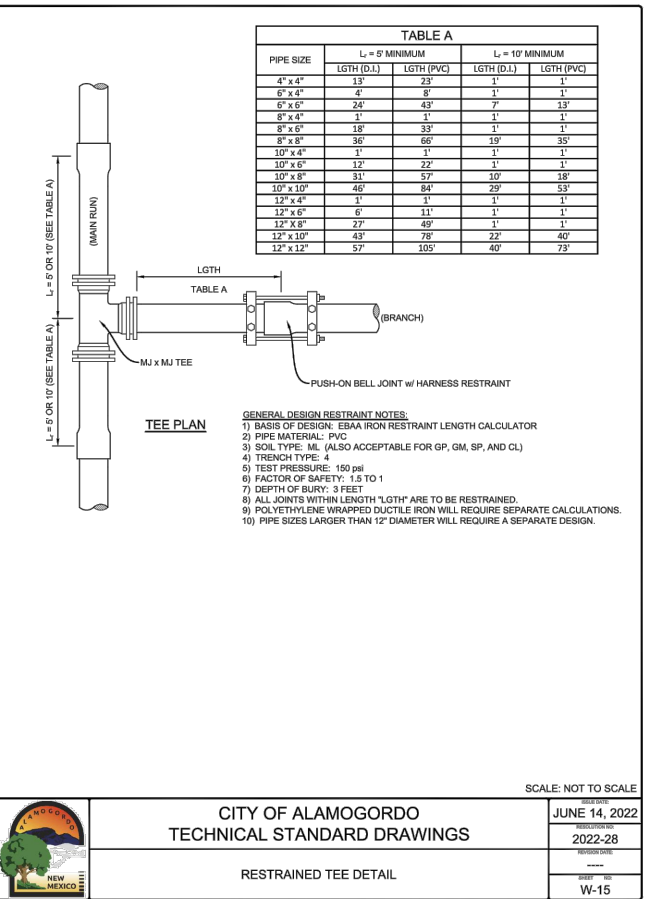
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PW2001



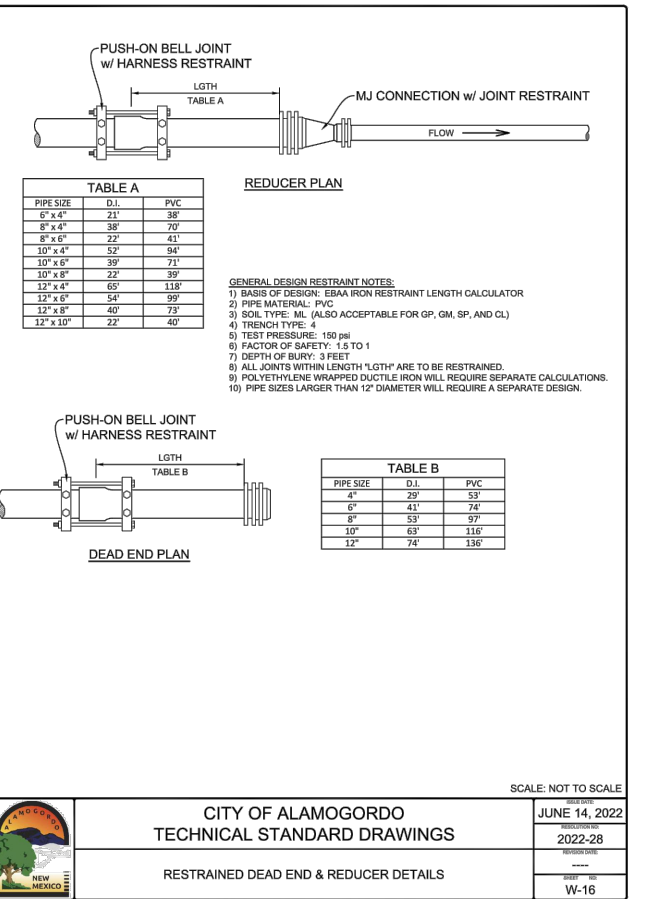
CITY OF ALAMOGORDO TECHNICAL STANDARD DRAWINGS
 JUNE 14, 2022
 2022-28
 PIPE CONCRETE ENCASEMENT DETAIL
 W-11



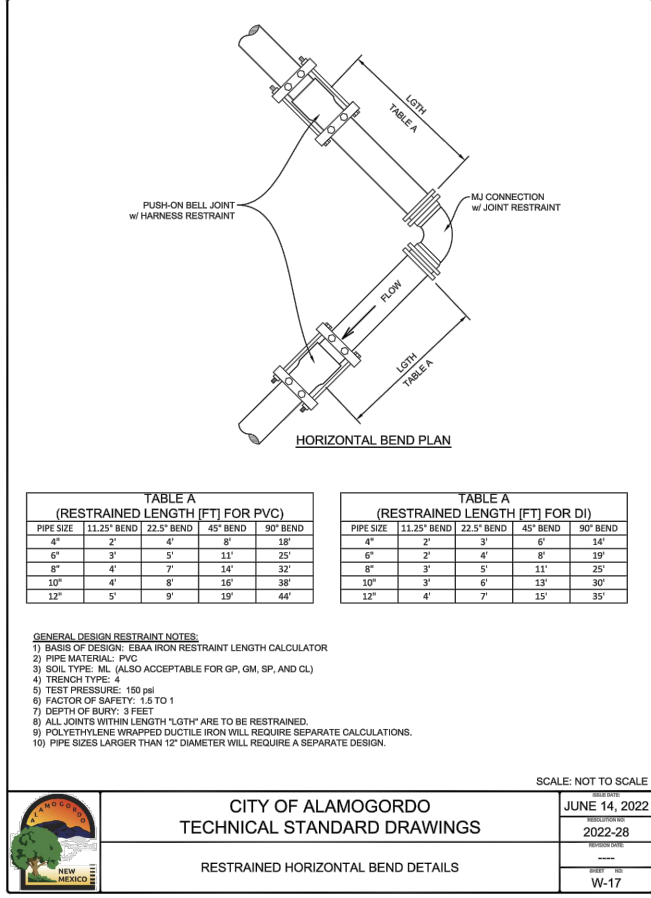
CITY OF ALAMOGORDO TECHNICAL STANDARD DRAWINGS
 JUNE 14, 2022
 2022-28
 WATER METER CAN DETAIL
 W-12



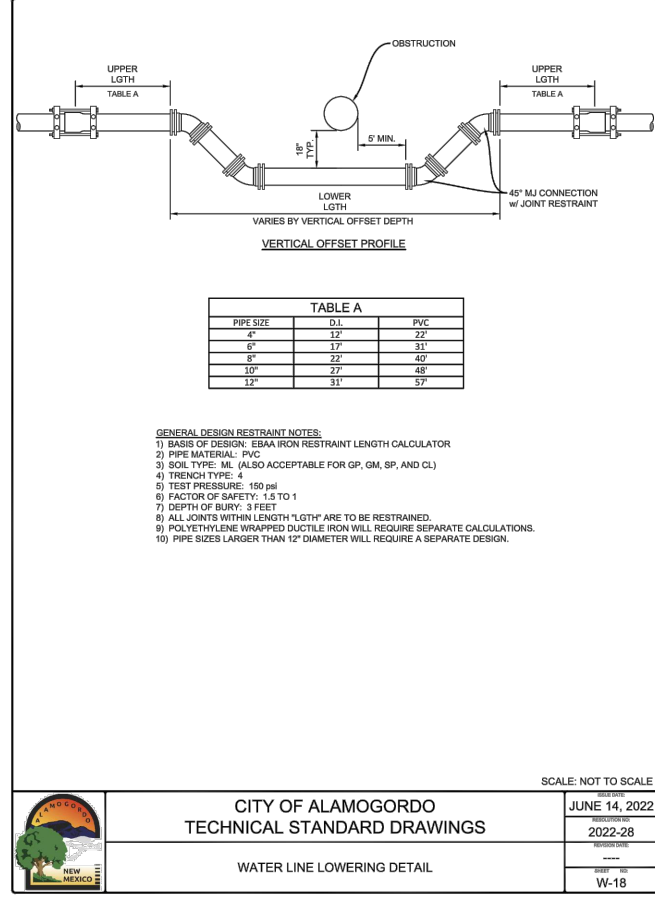
CITY OF ALAMOGORDO TECHNICAL STANDARD DRAWINGS
 JUNE 14, 2022
 2022-28
 RESTRAINED TEE DETAIL
 W-15



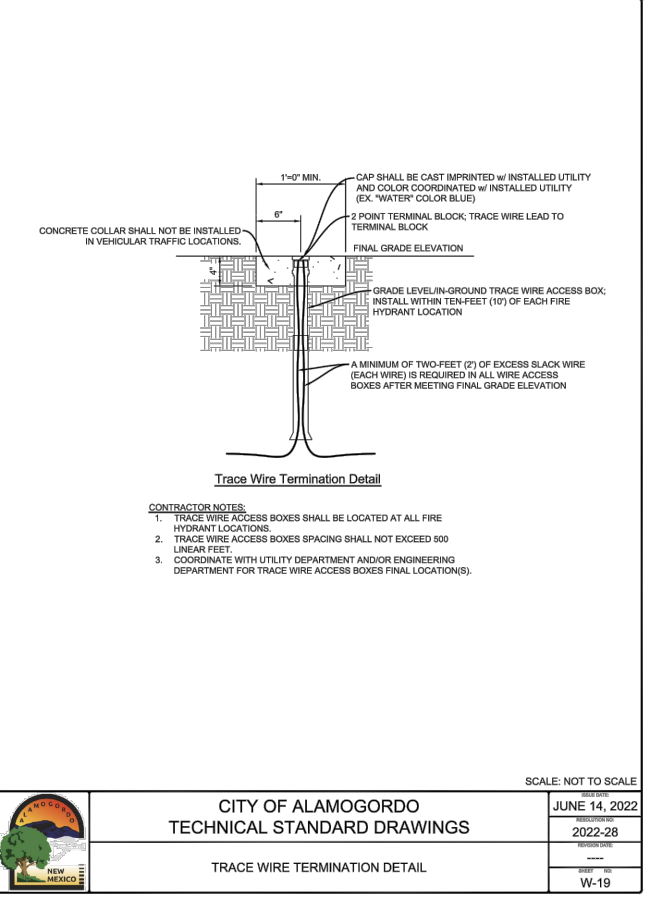
CITY OF ALAMOGORDO TECHNICAL STANDARD DRAWINGS
 JUNE 14, 2022
 2022-28
 RESTRAINED DEAD END & REDUCER DETAILS
 W-16



CITY OF ALAMOGORDO TECHNICAL STANDARD DRAWINGS
 JUNE 14, 2022
 2022-28
 RESTRAINED HORIZONTAL BEND DETAILS
 W-17



CITY OF ALAMOGORDO TECHNICAL STANDARD DRAWINGS
 JUNE 14, 2022
 2022-28
 WATER LINE LOWERING DETAIL
 W-18



CITY OF ALAMOGORDO TECHNICAL STANDARD DRAWINGS
 JUNE 14, 2022
 2022-28
 TRACE WIRE TERMINATION DETAIL
 W-19

TYPICAL MINIMUM HORIZONTAL UTILITY SEPARATION

	GAS MAIN	GAS SERVICE	SEWER MAIN	SEWER SERVICE	WATER MAIN	WATER SERVICE
GAS MAIN	5 FEET	5 FEET	10 FEET	5 FEET	10 FEET	5 FEET
GAS SERVICE	5 FEET	5 FEET	5 FEET	5 FEET	10 FEET	5 FEET
SEWER MAIN	10 FEET	5 FEET	10 FEET	5 FEET	10 FEET	5 FEET
SEWER SERVICE	5 FEET	5 FEET	5 FEET	5 FEET	5 FEET	5 FEET
WATER MAIN	10 FEET	5 FEET	10 FEET	5 FEET	5 FEET	5 FEET
WATER SERVICE	5 FEET	5 FEET	5 FEET	5 FEET	5 FEET	5 FEET
STORM SEWER	10 FEET	5 FEET	10 FEET	5 FEET	5 FEET	5 FEET
WIRE UTILITY	5 FEET	5 FEET	5 FEET	5 FEET	5 FEET	5 FEET
MANHOLE	10 FEET	5 FEET	N/A	N/A	10 FEET	5 FEET

SEPARATION TYPICALLY MEASURED FROM CENTER OF UTILITY

10 FOOT SEPARATION BETWEEN WATER AND SEWER MAINS SHALL BE MEASURED FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE

SEPARATION MAY VARY WITH FIELD CONDITIONS AND WITH SUBSEQUENT CITY APPROVAL

TYPICAL MINIMUM VERTICAL UTILITY SEPARATION

	GAS MAIN	GAS SERVICE	SEWER MAIN	SEWER SERVICE	WATER MAIN	WATER SERVICE
GAS MAIN	NM/GCO	NM/GCO	NM/GCO	NM/GCO	NM/GCO	NM/GCO
GAS SERVICE	NM/GCO	NM/GCO	NM/GCO	NM/GCO	NM/GCO	NM/GCO
SEWER MAIN	12 INCHES	6 INCHES	12 INCHES	6 INCHES	24 INCHES	6 INCHES
SEWER SERVICE	6 INCHES	6 INCHES	6 INCHES	6 INCHES	6 INCHES	6 INCHES
WATER MAIN	12 INCHES	12 INCHES	24 INCHES	12 INCHES	12 INCHES	6 INCHES
WATER SERVICE	12 INCHES	12 INCHES	6 INCHES	6 INCHES	6 INCHES	6 INCHES
STORM SEWER	12 INCHES	6 INCHES	12 INCHES	6 INCHES	12 INCHES	6 INCHES
WIRE UTILITY	PNM/CITY	PNM/CITY	PNM/CITY	PNM/CITY	PNM/CITY	PNM/CITY

NM/GCO - VERTICAL SEPARATION OF GAS MAINS AND GAS SERVICES SHALL BE PER REQUIREMENTS OF NEW MEXICO GAS COMPANY.

PNM/CITY - VERTICAL SEPARATION OF WIRE UTILITIES SHALL BE DISCUSSED AND APPROVED WITH THE WIRE UTILITY PROVIDER.

VERTICAL SEPARATION FROM GAS MAINS MAY VARY DEPENDING ON OPERATIONAL PRESSURES AND MAIN LINE MATERIAL (STEEL OR POLY). REQUIRED SEPARATION SHALL BE DISCUSSED WITH GAS PROVIDER.

SEPARATION MAY VARY WITH FIELD CONDITIONS AND WITH SUBSEQUENT CITY APPROVAL

WHEN REQUIRED VERTICAL SEPARATION OF SEWER MAINS AND WATER/REUSE MAINS CANNOT BE OBTAINED REFER TO DETAIL W-11 FOR ADDITIONAL GUIDANCE.

WHEN WATER MAINS CROSS SEWER MAINS THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS.

SCALE: NOT TO SCALE

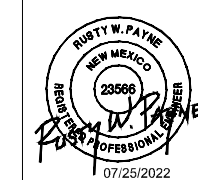
CITY OF ALAMOGORDO TECHNICAL STANDARD DRAWINGS
 JUNE 14, 2022
 2022-28
 TYPICAL UTILITY SEPARATION
 W-24

REV. No.	DATE	DESCRIPTION	APPROVED

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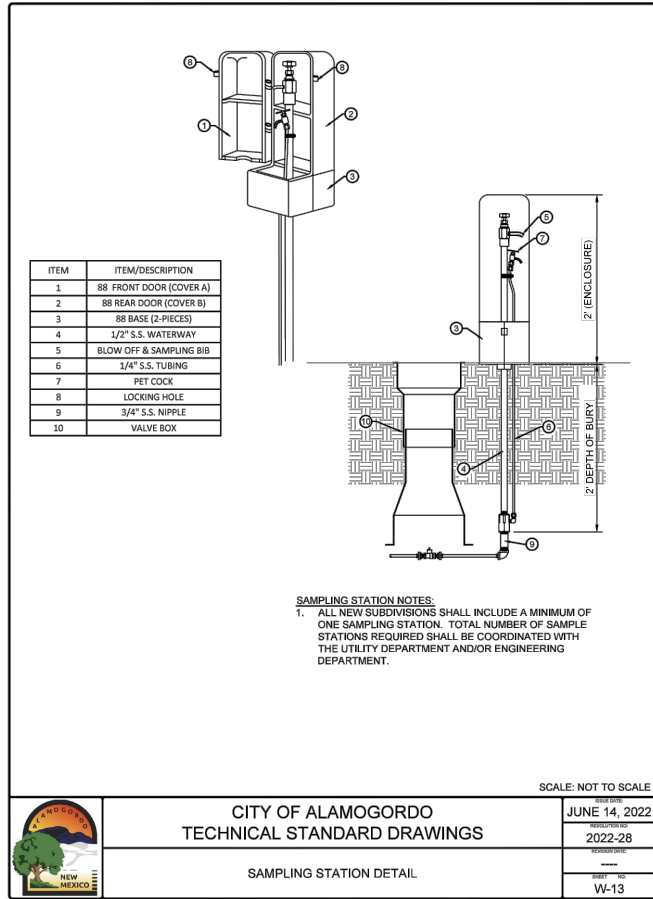
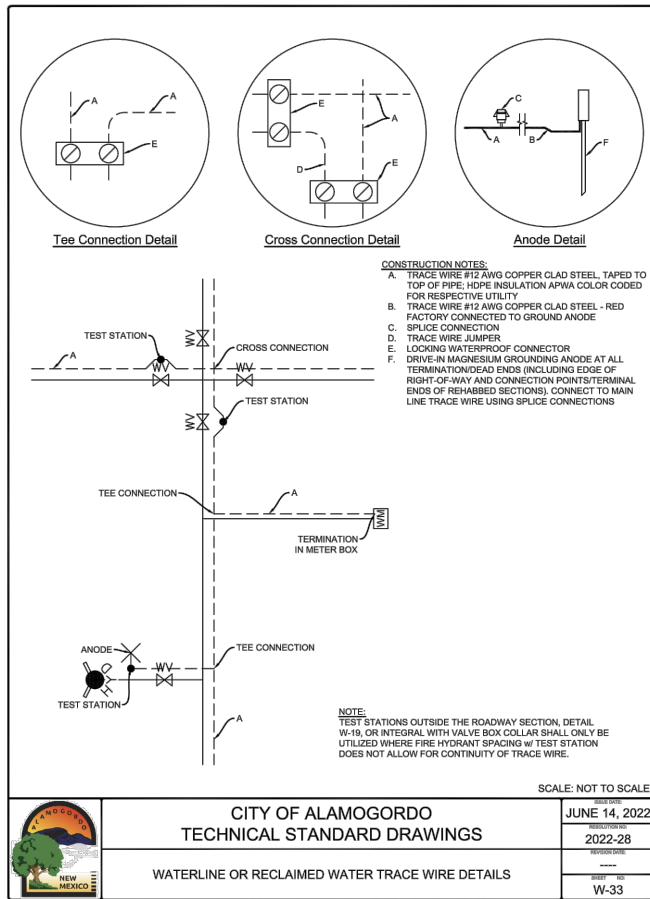


FY21 SMP - RIDGECREST DRIVE
 CITY OF ALAMOGORDO UTILITY DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-006
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: U2.0
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 PW2001

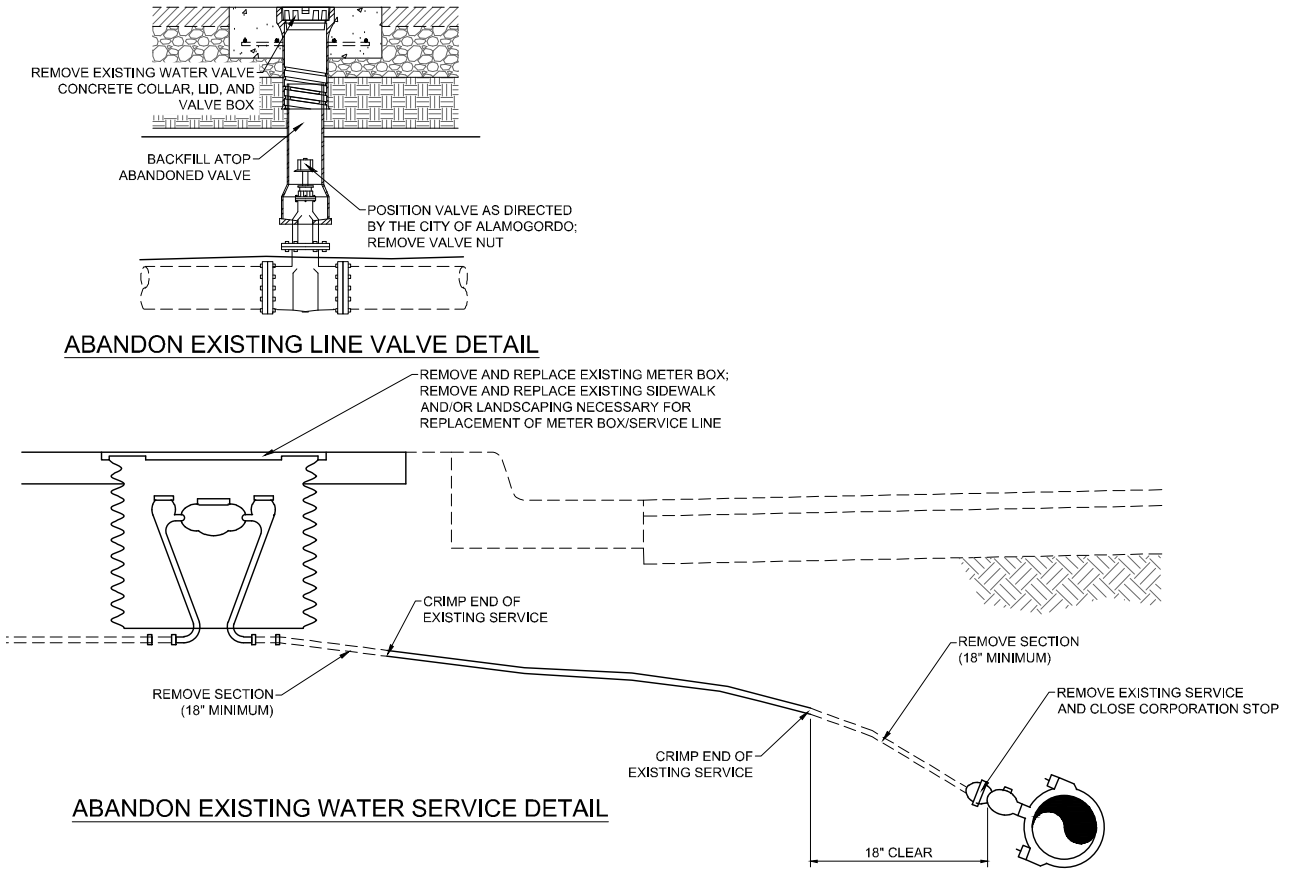


Control Station Data		Units are in US Survey Feet	
Name of Station:	COA2020 1	Establishing Group:	Construction Surveying Services
Observation Date:	10/18/2020	CSS Project #:	20-975
Project Name:	City Benchmarks 2020	Horizontal Method:	OPUS & RTK
Vertical Method:	OPUS & RTK	Station Height:	Flush with Landscape
Stamping:	COA2020 1	Coordinate Data	
Horizontal Datum:	Geodetic (NAD83)	Grid (NM C ZONE 3002)	**Ground** (Scale Factor: 0.99970345)
Latitude Northing Y:	32°53'53.1385"N	690590.44	690795.30
Longitude Easting X:	105°56'39.0832"W	1734277.87	1734792.32
Vertical Datum:	NAVD88 (GEOID18)	Ellipsoid (GRS80)	Orthometric
Elevation:		4319.32	4391.01
Location	City, County & State: Alamogordo, Otero County, New Mexico Section: Section 20, T16S, R10E		
Note(s):			
Location Map:	Vicinity Photo (Looking SOUTHWEST):		
Vicinity Map:	Close Up Photo		

CITY OF ALAMOGORDO BENCHMARK

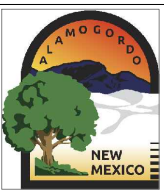
Control Station Data		Units are in US Survey Feet	
Name of Station:	COA2020 9	Establishing Group:	Construction Surveying Services
Observation Date:	11/25/2020	CSS Project #:	20-975
Project Name:	City Benchmarks 2020	Horizontal Method:	OPUS & RTK
Vertical Method:	OPUS & RTK	Station Height:	Flush with Landscape
Stamping:	COA2020 9	Coordinate Data	
Horizontal Datum:	Geodetic (NAD83)	Grid (NM C ZONE 3002)	**Ground** (Scale Factor: 0.99970479)
Latitude Northing Y:	32°53'48.1821"N	690080.50	690284.28
Longitude Easting X:	105°57'16.2073"W	1731114.16	1731625.35
Vertical Datum:	NAVD88 (GEOID18)	Ellipsoid (GRS80)	Orthometric
Elevation:		4277.34	4349.40
Location	City, County & State: Alamogordo, Otero County, New Mexico Section: Section 19, T16S, R10E		
Note(s):			
Location Map:	Vicinity Photo (Looking SOUTHWEST):		
Vicinity Map:	Close Up Photo		

CITY OF ALAMOGORDO BENCHMARK

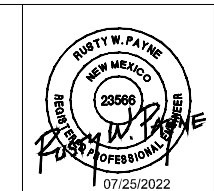


REV. No.	DATE	DESCRIPTION	APPROVED

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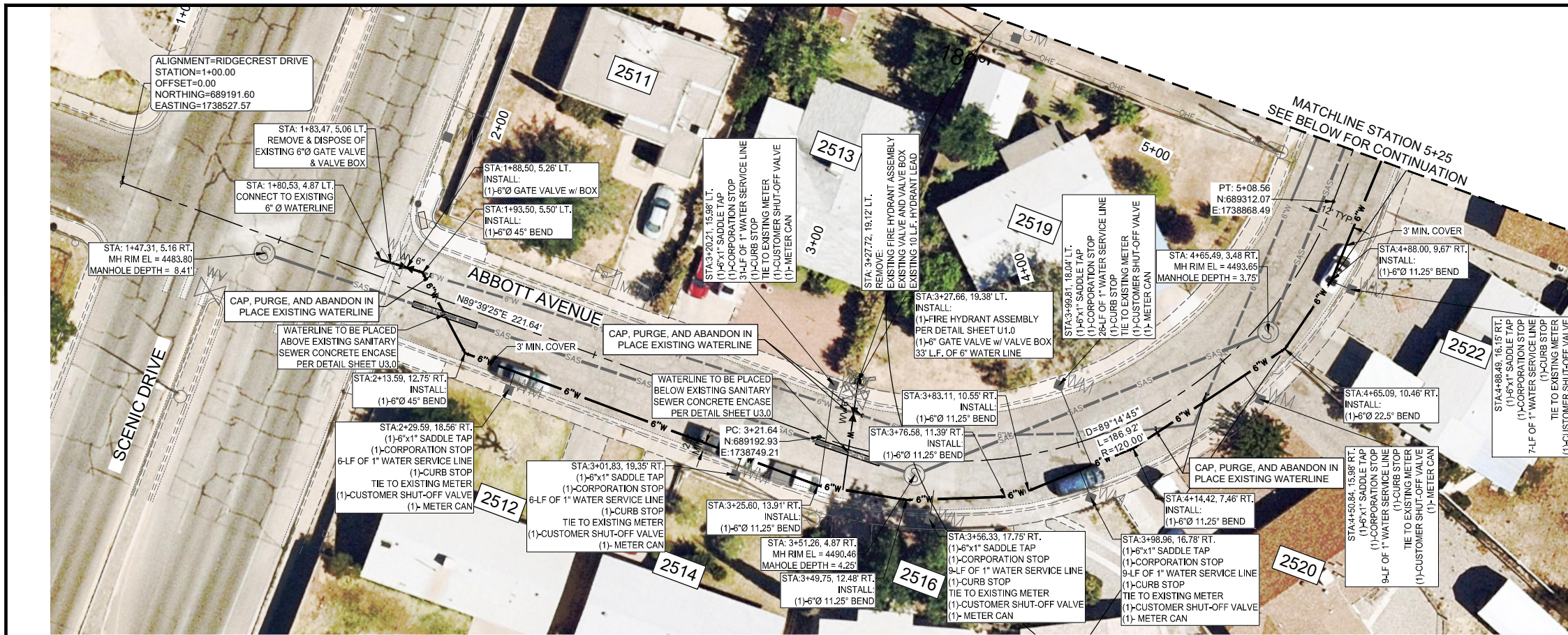


FY21 SMP - RIDGECREST DRIVE
 CITY OF ALAMOGORDO UTILITY DETAILS
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-006
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

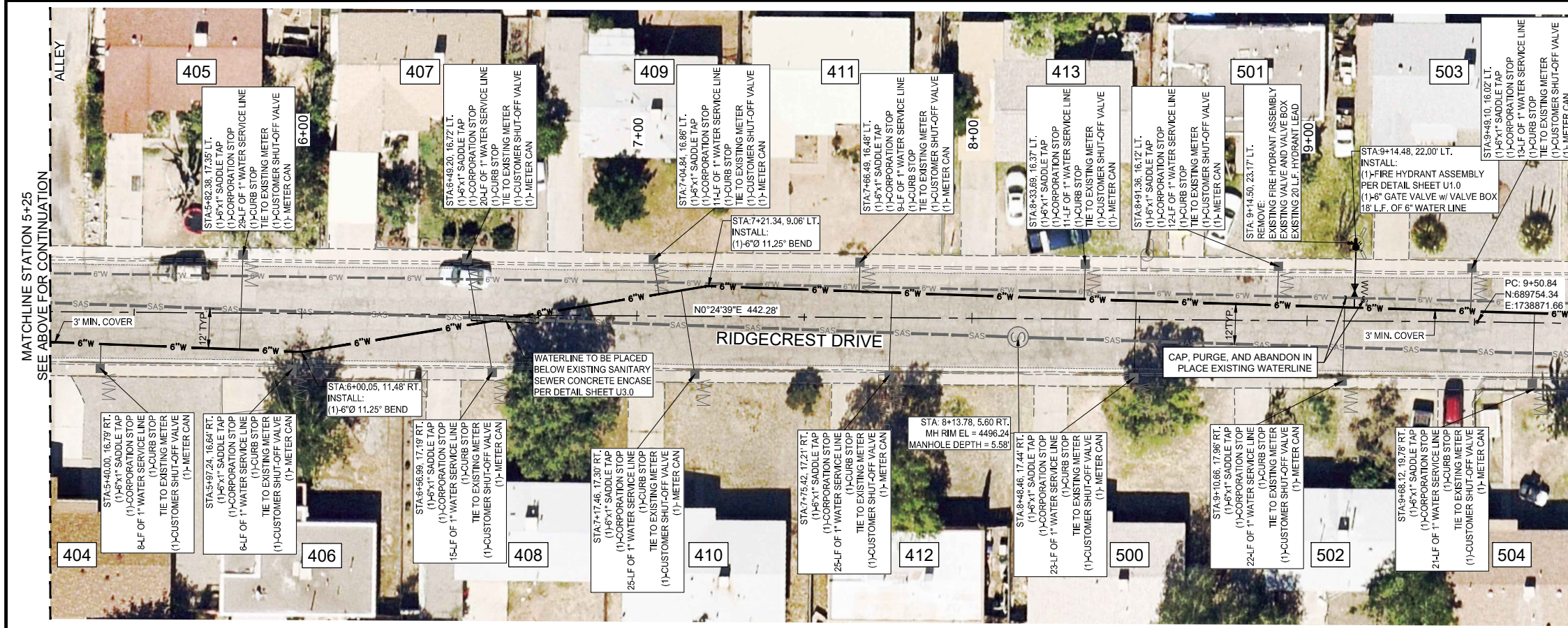
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ADDRESS	METER SIZE	ZENNER METER (CURRENT)	SADDLE TAP SIZE	CORP. STOP SIZE	CURB STOP SIZE	SERVICE LINE LENGTH-FEET	METER CAN	SHUT-OFF VALVE
2512 ABBOTT AVENUE	3/4"	YES	6" x 1"	1"	1"	6	YES	YES
2513 ABBOTT AVENUE	3/4"	YES	6" x 1"	1"	1"	31	YES	YES
2514 ABBOTT AVENUE	3/4"	YES	6" x 1"	1"	1"	6	YES	YES
2516 ABBOTT AVENUE	3/4"	YES	6" x 1"	1"	1"	9	YES	YES
2518 ABBOTT AVENUE	3/4"	YES	6" x 1"	1"	1"	9	YES	YES
2519 ABBOTT AVENUE	3/4"	YES	6" x 1"	1"	1"	26	YES	YES
2520 ABBOTT AVENUE	3/4"	YES	6" x 1"	1"	1"	9	YES	YES
2522 ABBOTT AVENUE	3/4"	YES	6" x 1"	1"	1"	7	YES	YES

NOTES TO CONTRACTOR:

- SANITARY SEWER SERVICES ARE PRESENT WITHIN RIDGECREST DRIVE. CAUTION SHALL BE EXHIBITED DURING WATERLINE EXCAVATION IN EFFORTS TO MINIMIZE DISRUPTION OF SANITARY SEWER SERVICE.
- PRIVATE RESIDENCES MAY CONTAIN LANDSCAPING AND/OR FENCING, OF VARIOUS MATERIALS, WHICH SHALL REMAIN UNDISTURBED DURING WATER SERVICE REPLACEMENT. SHOULD EXISTING LANDSCAPING/FENCING BE DISTURBED BY CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL RESTORE TO PRE-EXISTING CONDITION AT NO ADDITIONAL COST TO THE CONTRACT.

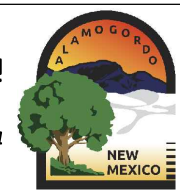


ADDRESS	METER SIZE	ZENNER METER (CURRENT)	SADDLE TAP SIZE	CORP. STOP SIZE	CURB STOP SIZE	SERVICE LINE LENGTH-FEET	METER CAN	SHUT-OFF VALVE
404 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	8	YES	YES
405 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	29	YES	YES
406 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	6	YES	YES
407 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	20	YES	YES
408 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	15	YES	YES
409 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	11	YES	YES
410 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	25	YES	YES
411 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	9	YES	YES
412 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	25	YES	YES
413 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	11	YES	YES
500 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	23	YES	YES
501 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	12	YES	YES
502 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	22	YES	YES
503 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	13	YES	YES
504 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	21	YES	YES

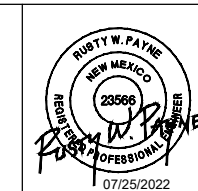
---	W	EXISTING WATERLINE
---	SAS	EXISTING SANITARY SEWER LINE
---	UGFO	EXISTING UNDERGROUND FIBER
---	G	EXISTING GAS LINE
---	UGE	EXISTING UNDERGROUND ELECTRIC
---	OHE	EXISTING OVERHEAD ELECTRIC
---	UGC	EXISTING CONDUIT
---	UGP	EXISTING UNDERGROUND PHONE
---	6"W	PROPOSED WATERLINE (6" PVC)
---	1"0"	NEW 1"0" WATER SERVICE LINE
---	---	EXISTING WATER METER
---	---	EXISTING/PROPOSED WATER VALVE
---	---	EXISTING/PROPOSED FIRE HYDRANT
---	---	PROPOSED SAMPLING STATION
---	---	EXISTING SEWER MANHOLE
---	---	EXISTING GAS METER
---	---	EXISTING ELECTRIC BOX
---	---	EXISTING UTILITY POLE
---	---	EXISTING LIGHT POLE

REV. NO.	DATE	DESCRIPTION	APPROVED

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 Professional Resources for Damage Prevention

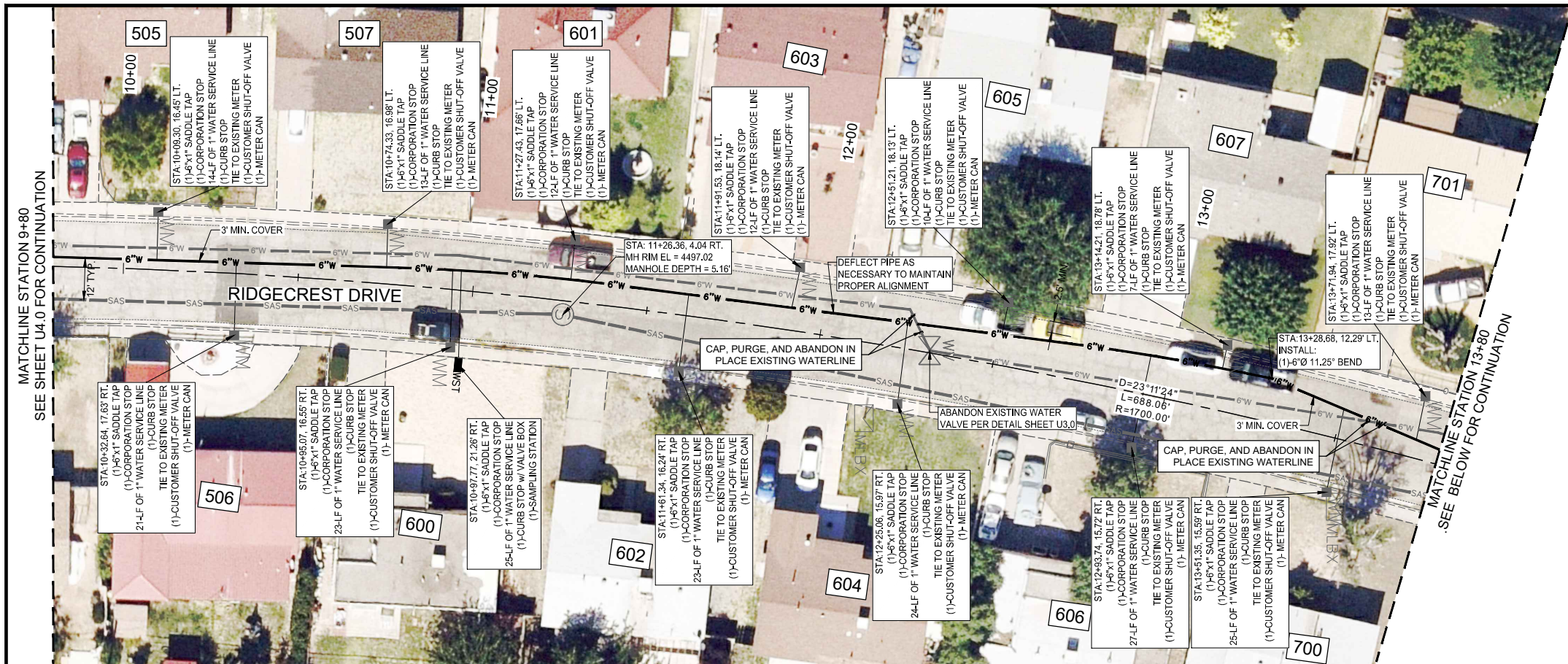


FY21 SMP - RIDGECREST DRIVE
RIDGECREST DRIVE WATERLINE PLAN
 CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT



Public Works Bid No.: 2022-006
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

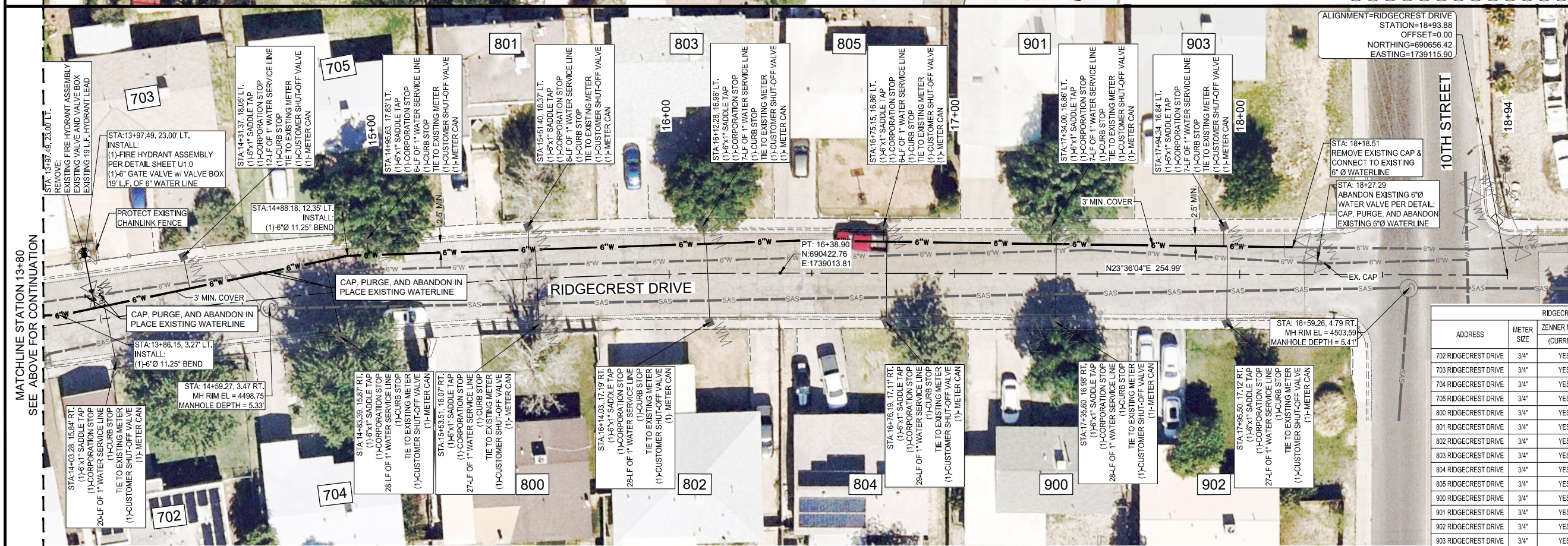
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RIDGECREST DRIVE - WATER SERVICE REPLACEMENT LISTING							
ADDRESS	METER SIZE	ZENNER METER (CURRENT)	SADDLE TAP SIZE	CORP. STOP SIZE	CURB STOP SIZE	SERVICE LINE LENGTH-FEET	METER CAN SHUT-OFF VALVE
505 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	14	YES YES
506 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	21	YES YES
507 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	13	YES YES
600 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	23	YES YES
601 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	12	YES YES
602 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	23	YES YES
603 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	12	YES YES
604 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	24	YES YES
605 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	7	YES YES
606 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	27	YES YES
607 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	7	YES YES
700 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	25	YES YES
701 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	13	YES YES

NOTES TO CONTRACTOR:

- SANITARY SEWER SERVICES ARE PRESENT WITHIN RIDGECREST DRIVE. CAUTION SHALL BE EXHIBITED DURING WATERLINE EXCAVATION IN EFFORTS TO MINIMIZE DISRUPTION OF SANITARY SEWER SERVICE.
- PRIVATE RESIDENCES MAY CONTAIN LANDSCAPING AND/OR FENCING, OF VARIOUS MATERIALS, WHICH SHALL REMAIN UNDISTURBED DURING WATER SERVICE REPLACEMENT. SHOULD EXISTING LANDSCAPING/FENCING BE DISTURBED BY CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL RESTORE TO PRE-EXISTING CONDITION AT NO ADDITIONAL COST TO THE CONTRACT.



LEGEND - UTILITY	
---	EXISTING WATERLINE
---	EXISTING SANITARY SEWER LINE
---	EXISTING UNDERGROUND FIBER
---	EXISTING GAS LINE
---	EXISTING UNDERGROUND ELECTRIC
---	EXISTING OVERHEAD ELECTRIC
---	EXISTING CONDUIT
---	EXISTING UNDERGROUND PHONE
---	PROPOSED WATERLINE (6" Ø PVC)
---	NEW 1" Ø WATER SERVICE LINE
---	EXISTING WATER METER
---	EXISTING/PROPOSED WATER VALVE
---	EXISTING/PROPOSED FIRE HYDRANT
---	PROPOSED SAMPLING STATION
---	EXISTING SEWER MANHOLE
---	EXISTING GAS METER
---	EXISTING ELECTRIC BOX
---	EXISTING UTILITY POLE
---	EXISTING LIGHT POLE

RIDGECREST DRIVE - WATER SERVICE REPLACEMENT LISTING							
ADDRESS	METER SIZE	ZENNER METER (CURRENT)	SADDLE TAP SIZE	CORP. STOP SIZE	CURB STOP SIZE	SERVICE LINE LENGTH-FEET	METER CAN SHUT-OFF VALVE
702 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	20	YES YES
703 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	12	YES YES
704 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	28	YES YES
705 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	6	YES YES
800 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	27	YES YES
801 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	8	YES YES
802 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	28	YES YES
803 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	7	YES YES
804 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	28	YES YES
805 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	6	YES YES
900 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	28	YES YES
901 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	7	YES YES
902 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	27	YES YES
903 RIDGECREST DRIVE	3/4"	YES	6" x 1"	1"	1"	7	YES YES

REV. NO.	DATE	DESCRIPTION	APPROVED

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FY21 SMP - RIDGECREST DRIVE

RIDGECREST DRIVE WATERLINE PLAN

CITY OF ALAMOGORDO, NEW MEXICO, ENGINEERING DEPARTMENT

Public Works Bid No.: 2022-006
 Drawn By: SMITH Designed By: SMITH
 Checked By: SMITH Approved By: COA
 Scale: HORIZ. BAR SCALE
 INCLUDE VERT SCALE ON P&P

Sheet No.: **U5.0**
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 PW2001