

# CITY OF ALBUQUERQUE NEW MEXICO DEPARTMENT OF MUNICIPAL DEVELOPMENT



**JUNE 2025**

## MCMAHON BOULEVARD WIDENING UNIVERSE BLVD. NW TO KAYENTA BLVD. NW

**XXXXXX**

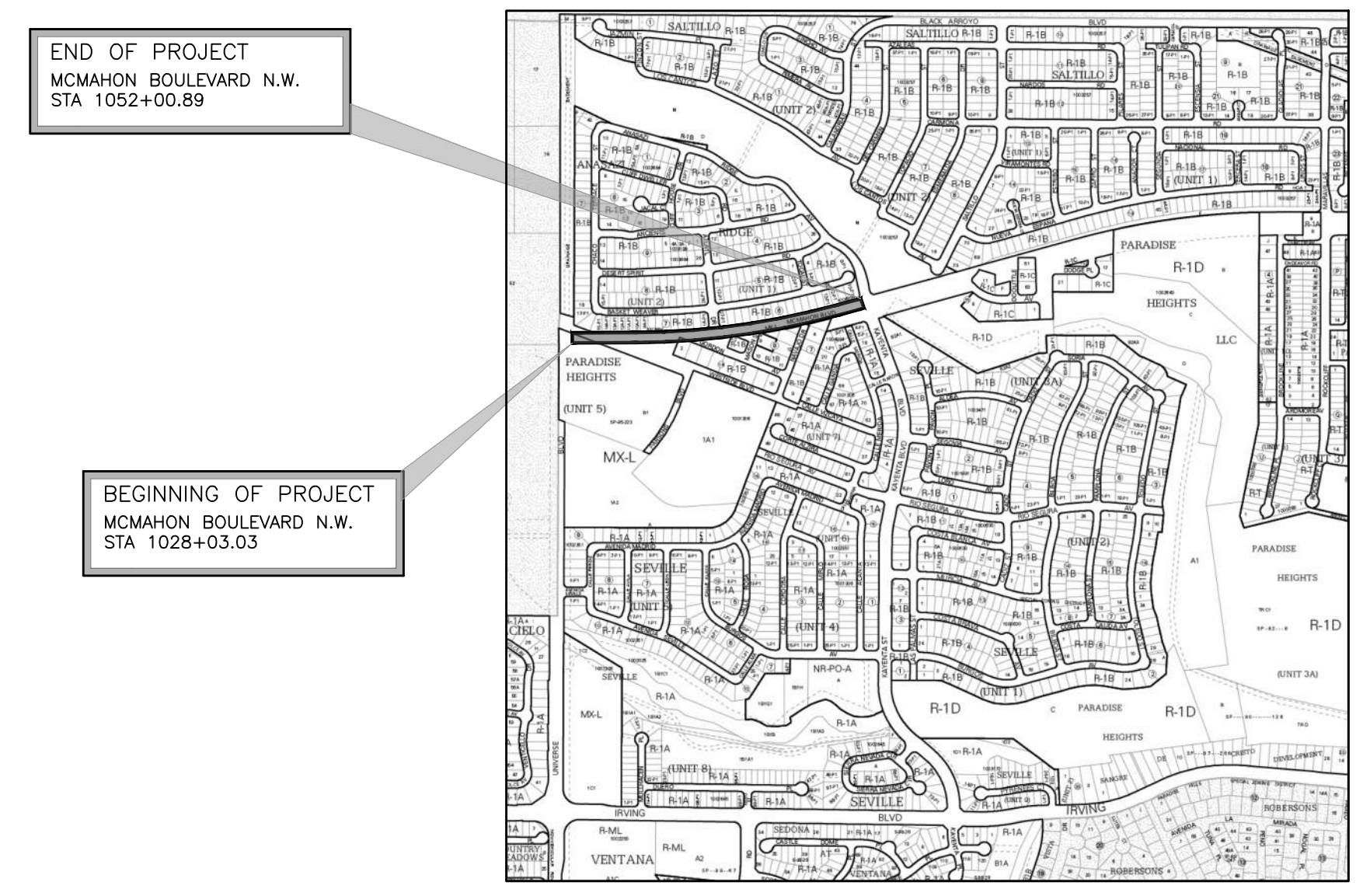


CALL NM ONE-CALL  
SYSTEM SEVEN (7)  
DAYS PRIOR TO ANY  
EXCAVATION

### PROJECT SUMMARY

Project will consist of roadway improvements to existing McMahon Boulevard NW between Universe Boulevard NW and Kayenta Boulevard NW. These improvements include widening the street, constructing curb cut access points for future development, installing new striping and signage, installing new light poles along the roadway, installing a new water main and sanitary main, and installing a storm sewer system that will outlet into the Calabacillas Arroyo. Project will also included a sidewalk along the southern edge of the expanded roadway that will connect to the existing sidewalk at the western intersection with Universe Boulevard NW and the existing sidewalk at the eastern intersection with Kayenta Boulevard NW. This sidewalk includes curb ramps at the new curb cut access points to meet ADA compliance.

City of Albuquerque Standard Detail Drawings referenced in this plan set can be found at:  
<http://www.cabq.gov/planning/development-review-services/design-review-construction-forms>



**VICINITY MAP**  
ZONE ATLAS MAP A-10-Z  
SCALE: 1" = 1000'

AMAFCA APPROVED FOR CONSTRUCTION IN AMAFCA ROW DATE

**OWNER / DEVELOPER**  
Supreme Investments, LLC.  
Contact: Scooter Haynes  
Phone: 505.269.4600  
Email: scooter@scmpartners.com

**CIVIL ENGINEER / CONSULTANT**  
Burkhardt Engineering  
Contact: Ryan Morrissey  
Phone: 937.388.0060  
Email: rmmorrissey@burkhardtinc.com

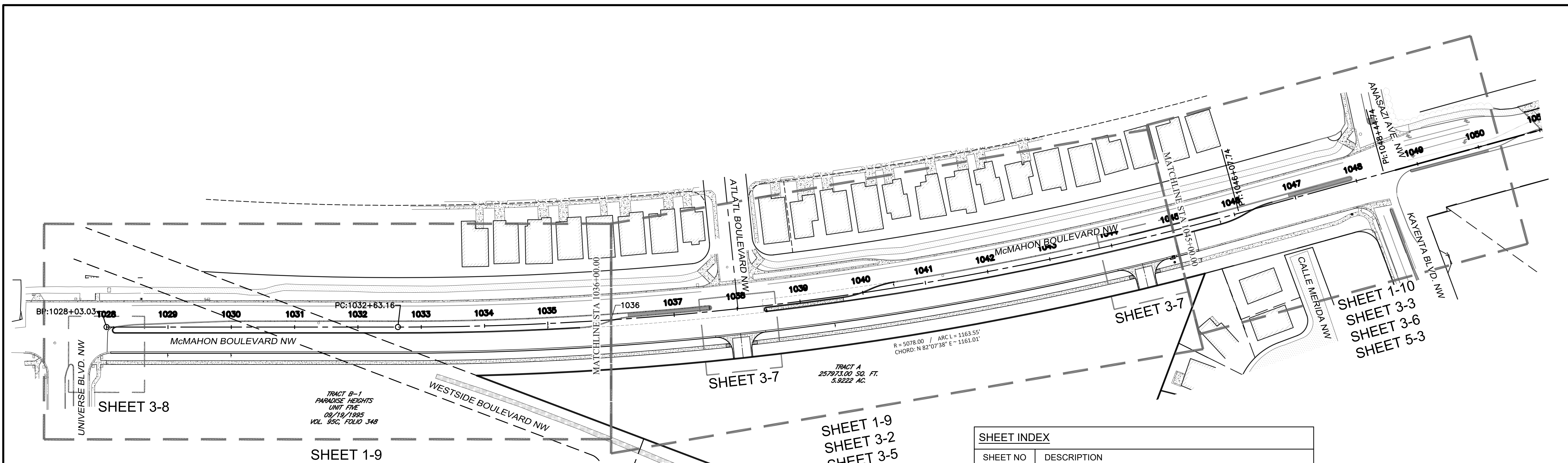
PREPARED BY:



28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0060 | [BURKHARDTINC.COM](http://BURKHARDTINC.COM)  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC Chairman		APPROVED FOR CONSTRUCTION		DATE	
		Transportation					
		Water/Wastewater					
		Hydrology					
		Parks					
Const. Mngmt.				CITY ENGINEER		DATE	
Const. Coord.							
CITY PROJECT NO.				SHEET			
XXXXXX				1-1			

6/19/2025



TRACT B-1  
PARADISE HEIGHTS  
UNIT FIVE  
09/19/1995  
VOL. 35G, FOLIO 348

TRACT A  
257973.00 SQ. FT.  
5.3222 AC.

R = 5078.00 / ARC L = 1163.55'  
CHORD: N 82°07'38" E = 1161.01'

SHEET 1-9  
SHEET 3-2  
SHEET 3-4  
SHEET 5-2

SHEET 1-9  
SHEET 3-2  
SHEET 3-5  
SHEET 5-2

**SHEET INDEX**

SHEET NO	DESCRIPTION
<b>SERIES 1 - GENERAL</b>	
1-1	COVER SHEET
1-2	INDEX OF SHEETS
1-3	GENERAL NOTES
1-4	SCHEDULE OF QUANTITIES
1-5 TO 1-6	EXISTING TYPICAL SECTIONS
1-7 TO 1-8	PROPOSED TYPICAL SECTIONS
1-9 TO 1-10	REMOVALS PLAN
<b>SERIES 2 - ROW DETAILS</b>	
NOT USED	
<b>SERIES 3 - ROADWAY DETAILS</b>	
3-1	SURVEY CONTROL AND CONSTRUCTION CL DATA
3-2 TO 3-3	ROADWAY PAVING PLAN
3-4 TO 3-6	ROADWAY GRADING PLAN AND PROFILE
3-7	ACCESS DRIVE GRADING
3-8	INTERSECTION DETAIL - MCMAHON AND UNIVERSE
<b>SERIES 4 - STRUCTURES</b>	
NOT USED	
<b>SERIES 5 - TRAFFIC DETAILS</b>	
5-1	PERMANENT SIGNING AND STRIPING GENERAL NOTES
5-2 TO 5-3	PERMANENT SIGNING AND STRIPING - MCMAHON
<b>SERIES 6 - DRAINAGE DETAILS</b>	
6-1	DRAINAGE PLAN AND PROFILE
6-2	DRAINAGE DETAILS
<b>SERIES 7 - UTILITY SHEETS</b>	
7-1	WATER MAIN PLAN AND PROFILE
7-2 TO 7-3	SANITARY SEWER PLAN AND PROFILE
<b>SERIES 13 - CROSS SECTIONS</b>	
13-1 TO 13-8	CROSS SECTIONS

AS-BUILT INFORMATION	
CONTRACTOR	
WORK STAKED BY	
DATE	
FIELD ACCEPTANCE BY	
DATE	
DRAWINGS CORRECTED BY	
DATE	
MICRO-FILM INFORMATION	
RECORDED BY	
NO.	

**ENGINEER'S SEAL**

6/19/2025

REVISIONS		REMARKS	
NO.	DATE	BY	DATE

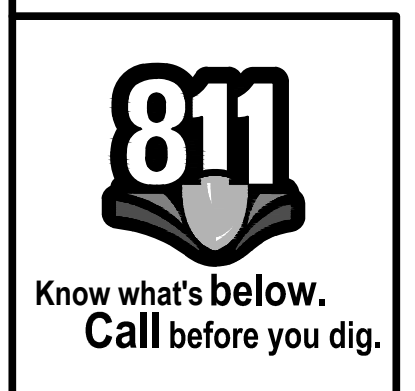
28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0090 | BURKHARDTINC.COM  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

**CITY OF ALBUQUERQUE**  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
UNIVERSE BLVD. NW TO KAYTENTA BLVD. NW  
INDEX OF SHEETS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 1-2



**CITY OF ALBUQUERQUE GENERAL NOTES**

- ALL WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION THROUGH UPDATE #9, REFERRED TO HEREIN AS "STANDARD SPECIFICATIONS."
- ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY OR PUBLIC EASEMENTS MUST BE DONE FROM APPROVED WORK ORDER DOCUMENTS ISSUED BY THE CITY.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- CONTRACTOR SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROTECTION OF PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650, SUBPART "P".
- AN EXCAVATION / CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- CONTRACTOR SHALL NOTIFY THE CONSTRUCTION ENGINEER (OR CITY PROJECT MANAGER) NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. ONLY THE CITY SURVEYOR SHALL REPLACE SURVEY MONUMENTS. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS/HER OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO STANDARD SPECIFICATION SECTION 4.4.
- FOR CIP PROJECTS: SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL SUBMIT TO OMD, CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE OMD, CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF STANDARD SPECIFICATIONS. PERMIT REQUESTS MAY BE DENIED OR DELAYED DUE TO CONFLICTS WITH OTHER PROJECTS IN THE AREA.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE-CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- CONTRACTOR SHALL ASSIST THE ENGINEER / INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND APPURTENANCES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS-BUILT" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES OR APPURTENANCES UNTIL ALL DATA HAVE BEEN RECORDED.
- CONTRACTOR SHALL ASSUME FINANCIAL RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, SIGNAGE, CURB & GUTTER, A.D.A. RAMPS, AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE, PER THE STANDARD SPECIFICATIONS, ANY SUCH DAMAGE.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNAGE UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY AND OTHER JURISDICTIONAL AUTHORITIES WHERE APPLICABLE.

**WATER & SEWER**

- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING. EXISTING VALVES AND MANHOLES SHALL NOT BE BURIED OR PAVED OVER. RIMS SHALL BE ADJUSTED TO MATCH NEW GRADE PER C.O.A. STANDARD DRAWINGS 2460 AND 2461.
- MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND FLANGE ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD-VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
- THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER-PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY FOURTEEN (14) DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ON LINE AT: [HTTP://ABCWUA.ORG/WATER\\_SHUT\\_OFF\\_AND\\_TURN\\_ON\\_PROCEDURES.ASPX](http://abcwua.org/water_shut_off_and_turn_on_procedures.aspx)
- PROPOSED WATERLINE MATERIALS SHALL BE PVC PIPE MEETING AWWA C-900, DR18 REQUIREMENTS (6" TO 12") OR DUCTILE IRON PIPE MEETING AWWA C-150 REQUIREMENTS (6" TO 48").
- ALL WATERLINE FITTINGS, VALVES, BENDS, TEES, CROSSES AND APPURTENANCES SHALL HAVE RESTRAINED JOINTS UNLESS OTHERWISE NOTED ON THE PLANS. THE JOINT RESTRAINT REQUIREMENTS SHOULD BE DELINEATED WITHIN A JOINT-RESTRAINT TABLE.
- ALL SANITARY SEWER LINE STATIONING REFERS TO SANITARY SEWER CENTERLINE. EXCEPT WHEN PROFILED WITHIN A PROPOSED OR EXISTING STREET, WHEREIN STREET STATIONING SHALL GOVERN.
- ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY STANDARD SPECIFICATIONS SECTION 701.14.2 AND STANDARD DRAWING NO. 2465.
- ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO THE CITY STANDARD SPECIFICATIONS, LATEST EDITION.
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES AND / OR OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH AFFECTED UTILITY COMPANIES AS REQUIRED.
- CONTRACTOR SHALL INSTALL A 4" X 4" X 5' POST AND EMS AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR SHALL PROVIDE THE PROPOSED HYDROSTATIC TESTING PLANS TO THE WATER AUTHORITY INSPECTOR FOR APPROVAL PRIOR TO BEGINNING TESTING OPERATIONS.
- AT UTILITY CROSSINGS, WHERE LESS THAN 18" OF VERTICAL SEPARATION FROM STORM DRAIN PIPING OR STRUCTURES IS PROPOSED, LEAN FILL CONSTRUCTION (PER SECTION 207 OF THE STANDARD SPECIFICATIONS) SHALL BE USED TO PROTECT THE WATER OR SEWER LINE. LEAN FILL SHALL EXTEND A PERPENDICULAR DISTANCE OF 5 FEET ON EACH SIDE OF THE STORM PIPE OR STRUCTURE.

**TRANSPORTATION**

- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECT-ORIZED PAVEMENT MARKING BY CONTRACTOR AT THE SAME LOCATION AS EXISTING OR AS INDICATED ON THIS PLAN SET.
- WORK AFFECTING ARTERIAL ROADWAYS MAY REQUIRE TWENTY-FOUR-HOUR CONSTRUCTION.
- REMOVAL OF EXISTING CURB & GUTTER AND SIDEWALKS SHALL BE TO THE NEAREST JOINT.
- ANY DAMAGE TO THE EXISTING CURB & GUTTER, PAVEMENT, SIDEWALKS, STRIPING, OR SIGNAGE DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.

- CURB & GUTTER, SIDEWALKS, AND DRIVEPADS SHALL MATCH THE LINE AND GRADE OF ABUTTING EXISTING AREAS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
- THE SUBGRADE PREPARATION SHALL EXCEED ONE (1) FOOT BEYOND THE FREE EDGE OF NEW CURB & GUTTER AND SIDEWALK.
- CONTRACTOR SHALL TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION. IN THE EVENT THE R-VALUE IS LESS THAN 50, REMOVE TWO FEET OF SUBGRADE MATERIAL AND IMPORT MATERIAL WITH R-VALUE GREATER THAN 50, OR CONTACT THE ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED.
- AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAW-CUT EDGES SHALL BE STRAIGHT AND CLEAN, AND LONGITUDINAL JOINTS SHALL NOT BE PLACED WITHIN WHEEL PATHS. PATCHES SHALL BE REGULAR AND SQUARE OR RECTANGULAR, WITH FOUR STRAIGHT SIDES. FINISHED PAVEMENT SURFACE SHALL BE FLUSH WITH EXISTING PAVEMENT SURFACE, WITH NO SPILLOVER OF ASPHALT OR TACK COAT. CARE MUST BE TAKEN TO AVOID DAMAGING THE INTEGRITY OR APPEARANCE OF SURROUNDING PAVEMENT; IF DAMAGED, THE ENTIRE SURFACE PATCH MUST BE EXPANDED TO COVER DAMAGES.
- CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH, UNIFORM EDGE WHEN REMOVING AND REPLACING CURB & GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, CONTRACTOR SHALL SAW-CUT AND REPLACE A ONE-FOOT STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED; REFER TO C.O.A. STANDARD DRAWING No. 2465 WITH THE APPROPRIATE PAVING SECTION BASED ON ROADWAY CLASSIFICATION.
- TWO WEEKS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE TRANSIT DEPARTMENT OF ANY IMPACT THE PROJECT WILL HAVE ON THE TRANSIT SYSTEM, SUCH AS CAUSING A DETOUR OR THE CLOSURE OR RELOCATION OF A BUS STOP. THE CONTACT PERSON IS DOUGLAS GOFF, OFFICE PHONE 724-3137, CELL PHONE 206-0151, OR E-MAIL: [DGoff@cabqo.gov](mailto:DGoff@cabqo.gov)

**OTHER COMMON NOTES**

- RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATION. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF THE PIPE. RCP JOINTS SHALL NOT BE GROUDED UNLESS DIRECTED BY THE ENGINEER WITH CITY APPROVAL.
- CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL DETERMINE IN ADVANCE OF CONSTRUCTION IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTIONS TO CONSTRUCTION OPERATIONS ARE PRESENT, 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.
- PNM WILL PROVIDE, AT NO COST TO THE CITY OR THE CONTRACTOR, THE NECESSARY PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGES TO CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
- EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY. LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION BEGINS.
- THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES. MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. CONTRACTOR SHALL FIELD-VERIFY THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY HIS/HER FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES.
- CONTRACTOR SHALL SUPPORT ALL EXISTING UNDERGROUND UTILITIES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO STORM SEWER, WATER LINE, AND/OR SEWER LINE COSTS.
- CONTRACTOR SHALL SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE, ELECTRIC CABLES, COMMUNICATION CABLES, AND CABLE-TELEVISION UTILITIES AT NO ADDITIONAL COST TO THE OWNER. CABLE SHALL BE SUPPORTED AT A MAXIMUM SPACING OF FIFTEEN (15) FEET. CONTRACTOR SHALL COORDINATE WITH AND MAKE ANY NECESSARY PAYMENT TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLES, OR SUPPORT OF CABLES BY THE UTILITY OWNER.
- ALL FINAL BACKFILL FOR TRENCHES WITHIN THE COA RIGHT-OF-WAY SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY STANDARD SPECIFICATIONS SECTION 701.14.2 AND STANDARD DRAWING NO. 2465.
- CONTRACTOR SHALL PROMPTLY CLEAN UP ANY EXCAVATED MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY EASEMENTS TO PREVENT ANY EXCAVATED MATERIAL BEING WASHED DOWN THE STREET OR INTO ANY PUBLIC DRAINAGE FACILITY.
- REMOVALS SHALL BE DISPOSED OF OFF-SITE AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIAL IN AN ENVIRONMENTALLY ACCEPT-ABLE MANNER AT A LOCATION ACCEPTABLE TO THE PROJECT MANAGER. THERE WILL BE NO DIRECT COMPENSATION FOR THIS WORK.
- CONTRACTOR SHALL CONDUCT ALL WORK IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC.
- ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC. WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED, AND RE-SET BY THE CONTRACTOR.
- IF CULTURAL RESOURCES, SUCH AS HISTORIC OR PRE-HISTORIC ARTIFACTS, OR HUMAN REMAINS ARE DISCOVERED DURING EXCAVATION OR CONSTRUCTION, WORK SHALL CEASE AND THE CONSTRUCTION ENGINEER SHALL NOTIFY THE MEDICAL EXAMINER AT 722-3953. IF THE MEDICAL EXAMINER DETERMINES THAT HUMAN REMAINS ARE NOT PRESENT, THE CONSTRUCTION ENGINEER SHALL NOTIFY THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AT 827-6320.
- IF OBJECTS OF HISTORICAL, ARCHEOLOGICAL, PALEONTOLOGICAL, OR OTHER OBJECTS OF ANTIQUITY ARE DISCOVERED, CONTRACTOR SHALL CEASE OPERATIONS AND IMMEDIATELY NOTIFY OWNER AND PROJECT ENGINEER.

**CONSTRUCTION NOTES**

- THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
- DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).

- THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.
- THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN PROVIDED HEREIN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
- REMOVAL OF EXISTING CURB & GUTTER AND SIDEWALKS SHALL BE TO NEAREST JOINT.
- CONTRACTOR TO TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION. IN THE EVENT THE R-VALUE IS LESS THAN 50, REMOVE 2 FEET OF SUBGRADE MATERIAL AND IMPORT MATERIAL WITH R-VALUE GREATER THAN 50 OR CONTACT THE ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED.
- AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAWCUT EDGES SHALL BE STRAIGHT AND CLEAN, AND LONGITUDINAL JOINTS SHALL NOT BE PLACED WITHIN WHEEL PATHS. PATCHES SHALL BE REGULAR AND SQUARE OR RECTANGULAR, WITH FOUR STRAIGHT SIDES. FINISHED PAVEMENT SURFACE SHALL BE FLUSH WITH EXISTING PAVEMENT SURFACE, WITH NO SPILLOVER OF ASPHALT OR TACK COAT. CARE MUST BE TAKEN TO AVOID DAMAGING THE INTEGRITY OR APPEARANCE OF SURROUNDING PAVEMENTS; IF DAMAGED, THE ENTIRE SURFACE PATCH MUST BE EXPANDED TO COVER DAMAGES.
- CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH, UNIFORM EDGE WHEN REMOVING AND REPLACING CURB & GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, CONTRACTOR WILL SAWCUT AND REPLACE A ONE FOOT STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED. REFER TO COA STANDARD DRAWING #2465 WITH THE APPROPRIATE PAVING SECTION BASED ON ROADWAY CLASSIFICATION.
- WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.
- FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUDED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUDED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

**NOTICE TO CONTRACTORS**

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE No.7.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- 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 OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT, TO THE CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY CONSTRUCTION COORDINATION ENGINEER (788-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING, OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO ENSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER SYSTEMS DIVISION (857-8200) FIVE WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION THREE (3) DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.

**THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED**

- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

**AMAFCA GENERAL COSTRUCTION NOTES**

- AMAFCA'S PROJECT MANAGER SHALL BE NOTIFIED BY EMAIL AT [LICENSING@AMAFCA.ORG](mailto:LICENSING@AMAFCA.ORG) OR BY PHONE AT (505) 884-2215 AT LEAST TEN (10) DAYS PRIOR TO START OF ANY WORK.
- AMAFCA'S PROJECT MANAGER SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONCRETE INSTALLATION TO ALLOW FOR INSPECTION OF THE REBAR AND SUBSURFACE PREPARATION.
- AMAFCA'S PROJECT MANAGER SHALL BE NOTIFIED BY EMAIL AT [LICENSING@AMAFCA.ORG](mailto:LICENSING@AMAFCA.ORG) OR BY PHONE AT (505) 884-2215 AT LEAST TEN (10) DAYS PRIOR TO REQUEST FOR FINAL INSPECTION OF THE WORK WITHIN THE AMAFCA RIGHT-OF-WAY OR EASEMENT.
- NO WORK WILL BE PERFORMED IN THE AMAFCA RIGHT-OF-WAY OR EASEMENT BETWEEN MAY 15 AND OCTOBER 15 WITHOUT PRIOR WRITTEN AUTHORIZATION FROM AMAFCA.
- ALL SUBGRADE, BACKFILL AND EMBANKMENT SHALL BE COMPACTED TO 95% (±2% OF OPTIMUM MOISTURE PER ASTM D-1557) WITHIN THE AMAFCA RIGHT-OF-WAY OR EASEMENT. TESTING REPORTS SHALL BE PROVIDED TO AMAFCA AT THE FINAL INSPECTION.
- CERTIFIED AS-BUILT PLANS SHALL BE SUBMITTED TO AMAFCA FOR ANY CONSTRUCTION WITHIN THE AMAFCA RIGHT-OF-WAY OR EASEMENT BEFORE FINAL WRITTEN ACCEPTANCE OR ACKNOWLEDGEMENT OF THE PROJECT.
- ALL DISTURBED GROUND AREAS SHALL BE REVEGETATED IN ACCORDANCE WITH AMAFCA SUPPLEMENTAL TECHNICAL SPECIFICATION 632, AS CURRENTLY UPDATED.
- ANY EXISTING SURVEY CONTROL MONUMENTS THAT ARE DISTURBED OR DAMAGED AS A RESULT OF THE CONSTRUCTION OR MAINTENANCE ACTIVITIES, SHALL BE REPLACED BY A LICENSED SURVEYOR IN NEW MEXICO AT THE LICENSEE'S EXPENSE. AMAFCA SHALL BE NOTIFIED AT LEAST TWO DAYS (48 HOURS) PRIOR TO ANY MONUMENT PLACEMENT.
- THE LICENSEE AND/OR THEIR CONTRACTOR SHALL MAINTAIN OR REPAIR ALL AMAFCA INFRASTRUCTURE INCLUDING BUT NOT LIMITED TO FENCING, GATES, SIGNAGE, AND ALL OTHER FACILITIES. ALL REPAIRS WILL BE PERFORMED TO RETURN FACILITIES TO ORIGINAL OR AMAFCA-APPROVED CONDITION.
- THE MAXIMUM WHEEL LOAD ALLOWED IN THE AMAFCA CHANNEL SHALL BE TWELVE THOUSAND (12,000) POUNDS.
- NO TRACKED VEHICLES WILL BE ALLOWED IN AMAFCA HARD-LINED OR CONCRETE CHANNEL WITHOUT WRITTEN PERMISSION FROM AMAFCA.
- CRANES OPERATING WITH OUTRIGGERS IN THE CHANNEL SHALL LIMIT THE OUTRIGGER FOOTPRINT LOAD AREA TO LESS THAN TWELVE THOUSAND (12,000) POUNDS.
- DUST SUPPRESSION SHALL BE MAINTAINED SEVEN (7) DAYS A WEEK DURING CONSTRUCTION ACTIVITY. DURING PERIODS OF CONSTRUCTION INACTIVITY, THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN DUST CONTROL MEASURES.
- THE LICENSEE AND/OR THEIR CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TRACK-OUT REDUCTION MEASURES AND CLEAN UP ANY TRACK-OUT OF MATERIAL. THE CONTRACTOR SHALL CLEAN UP ANY SOIL DEPOSITS OR SPILLS ON ALL PAVED ROADS ALONG HAUL ROUTES.
- THE LICENSEE AND/OR THEIR CONTRACTOR ARE RESPONSIBLE FOR ALL TRAFFIC AND PEDESTRIAN CONTROL.
- AT THE END OF EACH WORKDAY AND DURING TIMES OF CONSTRUCTION INACTIVITY, THE CONTRACTOR SHALL ENSURE ALL ACCESS GATES TO THE FACILITY ARE CLOSED AND LOCKED.
- THE LICENSEE AND/OR THEIR CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRASH AND DEBRIS REMOVAL IN THE AREA OF THE CONSTRUCTION ACTIVITY. ALL GRAFFITI WILL BE REMOVED OR APPROPRIATELY COVERED UP WITHIN ONE DAY (24 HOURS).
- ANY FINES IMPOSED AGAINST AMAFCA DUE TO THE CONTRACTOR'S ACTIVITIES THAT VIOLATE THE CONDITIONS OF ANY REQUIRED FUGITIVE OR AMAFCA'S PROGRAMMATIC DUST PERMIT SHALL BE REIMBURSED BY THE LICENSEE AND/OR THEIR CONTRACTOR.
- ANY FINES LEVIED AGAINST THE CONTRACTOR DUE TO ITS ACTIVITIES THAT VIOLATE ANY LOCAL STATUTES OR REQUIREMENTS SHALL BE PAID BY THE LICENSEE AND/OR THEIR CONTRACTOR.
- IF AMAFCA IS FINED AS BEING THE LANDOWNER OF THE PROPERTY, DUE TO THE CONTRACTOR'S ACTIVITIES, THE CONTRACTOR OR THE LICENSEE SHALL REIMBURSE AMAFCA FOR ALL COSTS ASSOCIATED WITH PAYMENT OF THE FINE BY AMAFCA.
- AT THE SUBSTANTIAL COMPLETION OF THE PROJECT, THE LICENSEE'S CONTRACTOR SHALL RESTORE TO CONDITIONS AS BEFORE CONSTRUCTION OR IMPROVE TO AMAFCA'S REQUIREMENT THE MAINTENANCE ACCESS ROADS IMPACTED BY THE PROJECT INCLUDING ALL NECESSARY GRADING AND TOP DRESSING OF THE ROAD BASE OR GRAVEL MATERIAL AT THE DIRECTION OF AUTHORIZED AMAFCA PERSONNEL. ANY CONCRETE, ASPHALT OR OTHER DEBRIS FOUND WITHIN THE CONSTRUCTION AREA WILL BE TRANSPORTED OFF SITE AND APPROPRIATELY DISPOSED OF BY THE LICENSEE'S CONTRACTOR AT NO COST TO AMAFCA.

THIS TEMPORARY CONSTRUCTION AND ACCESS LICENSE IS SUBJECT TO THE EPA NPDES MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT NMR04A000 REQUIREMENTS AS LISTED BELOW, IF APPLICABLE:

- THE CONTRACTOR SHALL SUBMIT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR APPROVAL BY AMAFCA BEFORE THE NOTICE OF INTENT (NOI) IS SUBMITTED TO EPA, IF AND ONLY IF, THE CONTRACTOR IS USING ANY AMAFCA FACILITY AS A BEST MANAGEMENT PRACTICE (BMP) OR IF A BMP WILL INHIBIT THE FUNCTION OF AN AMAFCA FACILITY.
- THE CONTRACTOR SHALL IMPLEMENT AN EROSION AND SEDIMENT CONTROL PROGRAM TO MINIMIZE SEDIMENT ENTERING AMAFCA'S FACILITIES.
- THE CONTRACTOR SHALL PROVIDE SWPPP INSPECTION AND ENFORCEMENT OF CONTROL MEASURES DURING CONSTRUCTION. COPIES OF ALL THE SWPPP INSPECTION REPORTS WILL BE SUBMITTED TO AMAFCA AS PART OF THE FINAL INSPECTION.
- ANY FINES LEVIED AGAINST CONTRACTOR DUE TO ANY ACTIVITIES THAT VIOLATE CONDITIONS OF THE AMAFCA MS4 PERMIT NMR04A000 SHALL BE PAID BY THE CONTRACTOR AND/OR THE LICENSEE.
- IF AMAFCA IS FINED AS OWNER, DUE TO THE CONTRACTOR'S ACTIVITIES, THE LICENSEE AND/OR THEIR CONTRACTOR SHALL REIMBURSE AMAFCA FOR ALL COSTS ASSOCIATED WITH PAYMENT OF THE FINE BY AMAFCA.

THESE CONDITIONS ARE INCLUDED AND ARE MADE A PART OF THIS AGREEMENT BY MUTUAL UNDERSTANDING OF BOTH PARTIES.

AS-BUILT INFORMATION	
CONTRACTOR	
WORK STARTED BY	DATE
FIELD ACCEPTANCE BY	DATE
FIELD REVISION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	
ACS Control Monument "9-A11 2006"	
Elevation = 5301.647 (NAVD 88)	

SURVEY INFORMATION	
FIELD NOTES	
NO.	DATE
BY	

ENGINEER'S SEAL

6/19/2025

REVISIONS	
NO.	DATE
BY	
REMARKS	
MKS	DATE
MKS	DATE
RJM	DATE

**BURKHARDT**  
ENGINEERS + SURVEYORS

28 North Cherry Street | Germantown, Ohio 43327 | Phone: 937-388-0090 | [BURKHARDTINC.COM](http://BURKHARDTINC.COM)  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

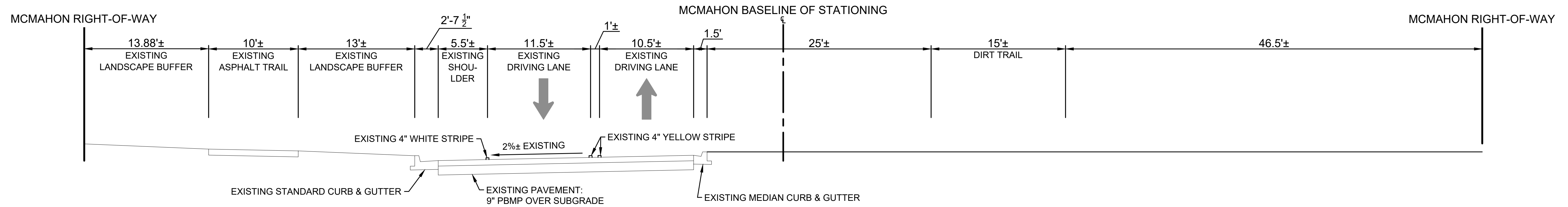
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
UNIVERSE BLVD. NW TO KAYTENA BLVD. NW  
GENERAL NOTES

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. XXXXXX	Zone Map No. A-10-Z	Sheet	1-3	

**811**  
Know what's below.  
Call before you dig.

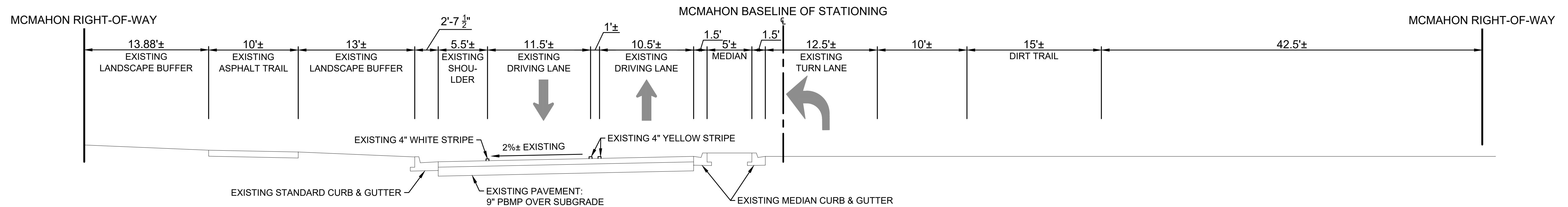




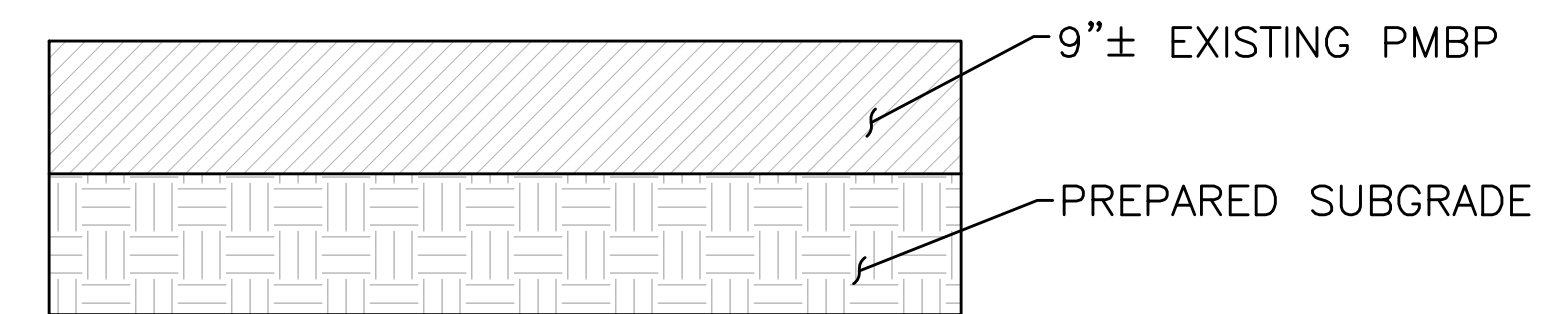
**EXISTING TYPICAL SECTION A: MCMAHON BOULEVARD  
STA 1029+96.23 TO 1035+49.87**

**CONSTRUCTION NOTES**

- IF PRINTED SHEET IS NOT 24"X36" USE GRAPHIC SCALE ACCORDINGLY.
- ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.



**EXISTING TYPICAL SECTION B: MCMAHON BOULEVARD  
STA 1036+26.98 TO 1037+59.49**



EXISTING PAVEMENT SECTION - MCMAHON  
NOT TO SCALE

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STAKED BY	DATE
FIELD ACCEPTANCE BY	DATE
FIELD DRAWN BY	DATE
CHECKED BY	DATE
RECORDED BY	DATE
NO.	

BENCH MARKS	
ACS Control Monument "9-A11 2006"	DATE
Elevation = 5301.647 (NAVD 88)	BY

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	BY

ENGINEER'S SEAL

6/19/2025

REVISIONS	
NO.	DATE
BY	REMARKS

DESIGNED BY		DRAWN BY		CHECKED BY	
MKS	06/19/2025	MKS	06/19/2025	RJM	06/19/2025

28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0090 | BURKHARDTINC.COM  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

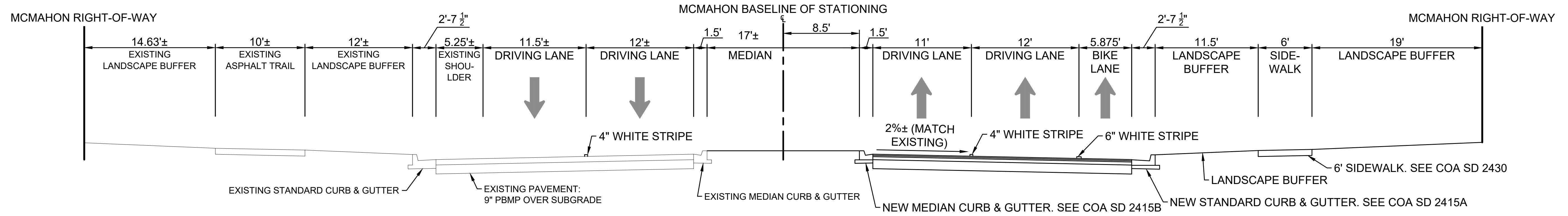
**McMAHON BOULEVARD WIDENING**  
UNIVERSE BLVD. NW TO KAYTENTA BLVD. NW  
EXISTING TYPICAL SECTIONS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 1-5

**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR / UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

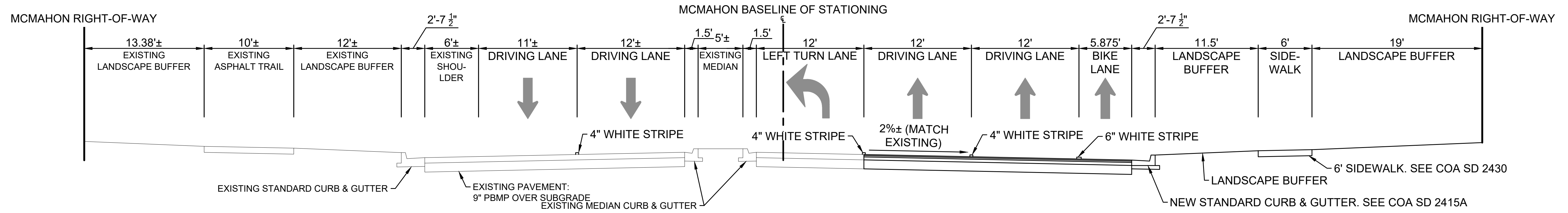




**PROPOSED TYPICAL SECTION A: MCMAHON BOULEVARD**  
**STA 1029+96.23 TO 1035+49.87**

**CONSTRUCTION NOTES**

- IF PRINTED SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.
- ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.



**PROPOSED TYPICAL SECTION B: MCMAHON BOULEVARD**  
**STA 1036+41.67 TO 1037+56.19**  
**STA 1046+62.59 TO 1047+90.49**

AS-BUILT INFORMATION	
CONTRACTOR	
WORK STARTED BY	
DATE	
FIELD ACCEPTANCE BY	
DATE	
DESIGNED BY	
DATE	
DRAWN BY	
DATE	
CHECKED BY	
DATE	
RECORDED BY	
NO.	

BENCH MARKS	
ACS Control Monument "9-A11 2006"	
Elevation = 5301.647 (NAVD 88)	

SURVEY INFORMATION	
FIELD NOTES	
NO.	
BY	
DATE	

ENGINEER'S SEAL

6/19/2025

REVISIONS	
NO.	BY
REMARKS	
DATE	

DESIGNED BY	MKS	DATE	06/19/2025
DRAWN BY	MKS	DATE	06/19/2025
CHECKED BY	RJM	DATE	06/19/2025

28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0090 | BURKHARDTINC.COM  
 CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

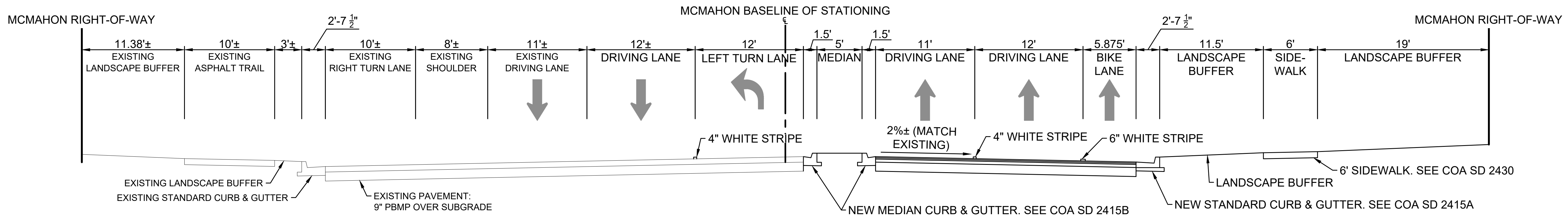
CITY OF ALBUQUERQUE  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
 UNIVERSE BLVD. NW TO KAYTENTA BLVD. NW  
 PROPOSED TYPICAL SECTIONS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

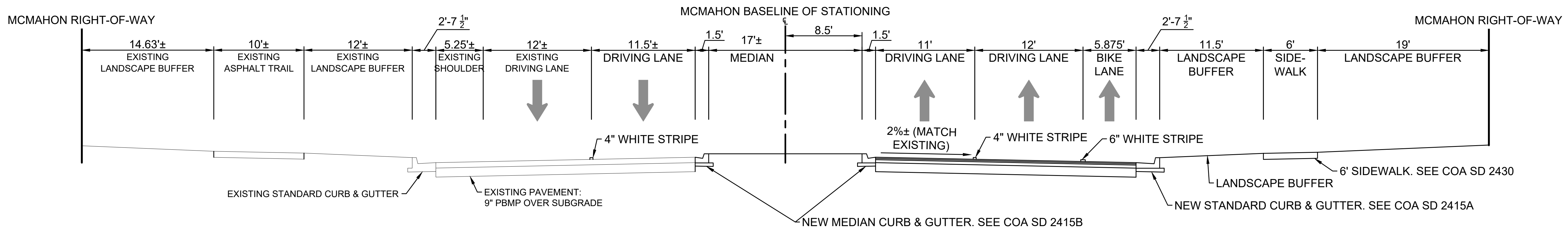
City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 1-7

**TAKE CAUTION DURING EXCAVATION:**  
 THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR / UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

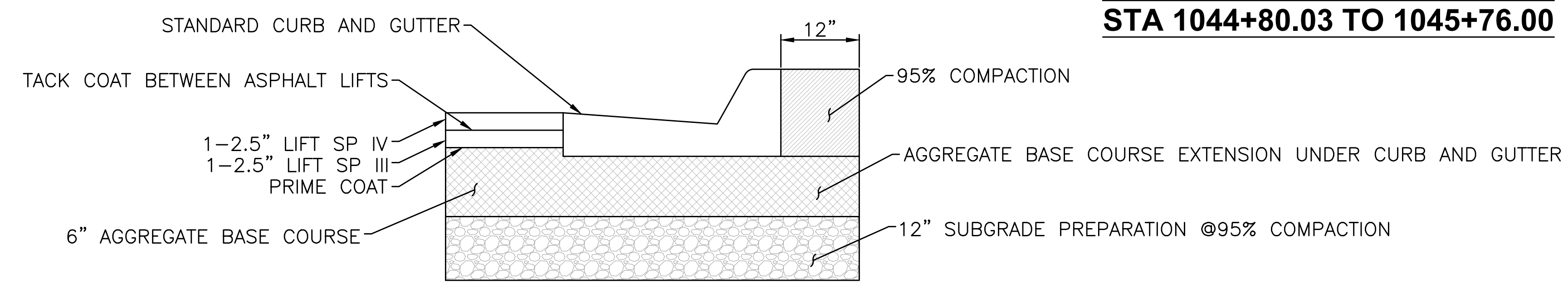


**PROPOSED TYPICAL SECTION C: MCMAHON BOULEVARD**  
**STA 1038+45.88 TO 1039+68.40**

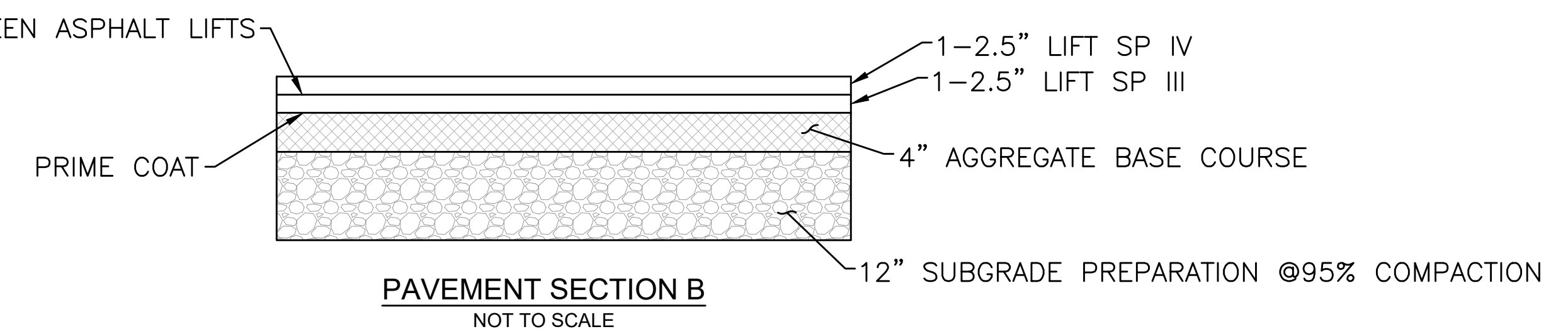
- CONSTRUCTION NOTES**
- IF PRINTED SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.
  - ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.



**PROPOSED TYPICAL SECTION D: MCMAHON BOULEVARD**  
**STA 1040+51.70 TO 1044+01.13**  
**STA 1044+80.03 TO 1045+76.00**



**PAVEMENT SECTION A**  
**PAVEMENT CONSTRUCTION AT CURB DETAIL**  
 NOT TO SCALE



**PAVEMENT SECTION B**  
 NOT TO SCALE

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS	
CONTRACTOR	DATE	ACS Control Monument "9-A11 2006"	Elevation = 5301.647 (NAVD 88)	FIELD NOTES	DATE		 6/19/2025	NO.	BY
WORK STAKED BY	DATE	FIELD ACCEPTANCE BY	DATE	NO.	BY			DESIGNED BY	DATE
DRAWN BY	DATE	CHECKED BY	DATE	NO.	BY	MKS	06/19/2025		
MICRO-FILM INFORMATION	DATE					MKS	06/19/2025		
						RJM	06/19/2025		

**BURKHARDT**  
 ENGINEERS + SURVEYORS  
28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0090 | BURKHARDTINC.COM  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

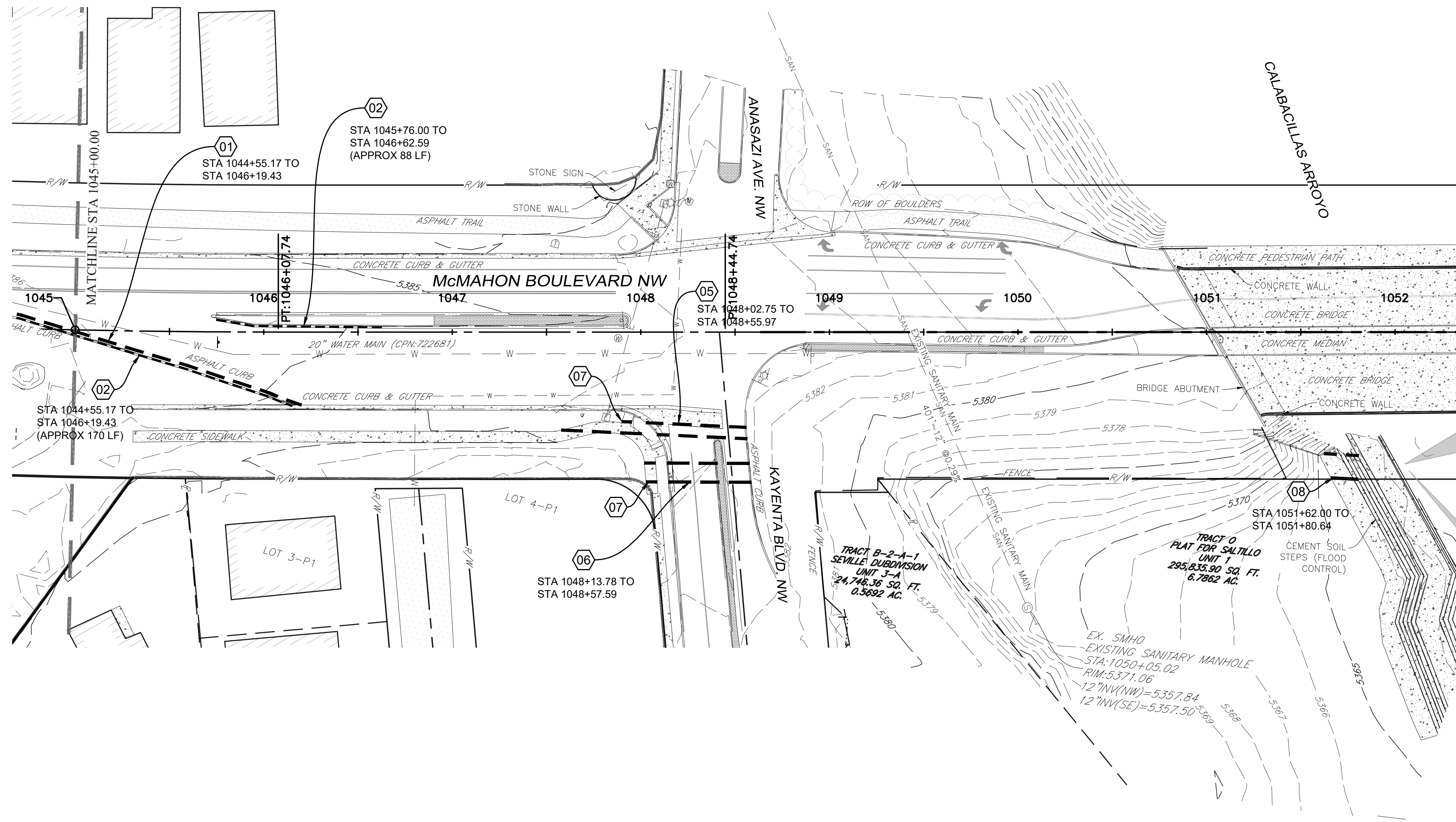
CITY OF ALBUQUERQUE  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 ENGINEERING DIVISION  
**McMAHON BOULEVARD WIDENING**  
 UNIVERSE BLVD. NW TO KAYTENTA BLVD. NW  
 PROPOSED TYPICAL SECTIONS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. XXXXXX	Zone Map No. A-10-Z	Sheet	1-8

**811**  
 Know what's below.  
 Call before you dig.

**TAKE CAUTION DURING EXCAVATION:**  
 THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.





**TEMPORARY CONSTRUCTION & ACCESS LICENSE:**  
 A TEMPORARY CONSTRUCTION & ACCESS LICENSE IS REQUIRED FOR THE WORK WITHIN AMAFCA'S ROW. THERE WILL BE A \$150 DOCUMENT PREPARATION AND ADMINISTRATION FEE. THIS MUST BE EXECUTED PRIOR TO ANY WORK OCCURRING IN AMAFCA'S ROW.

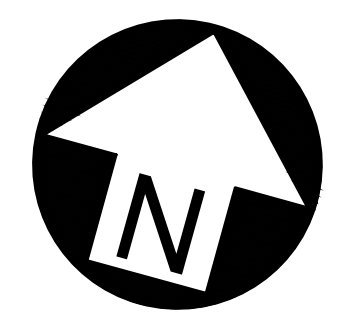
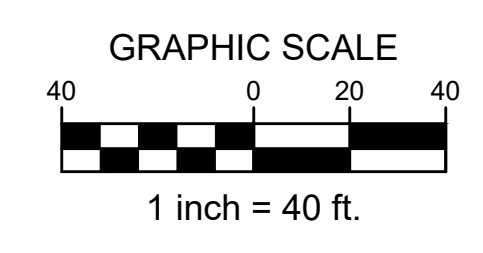
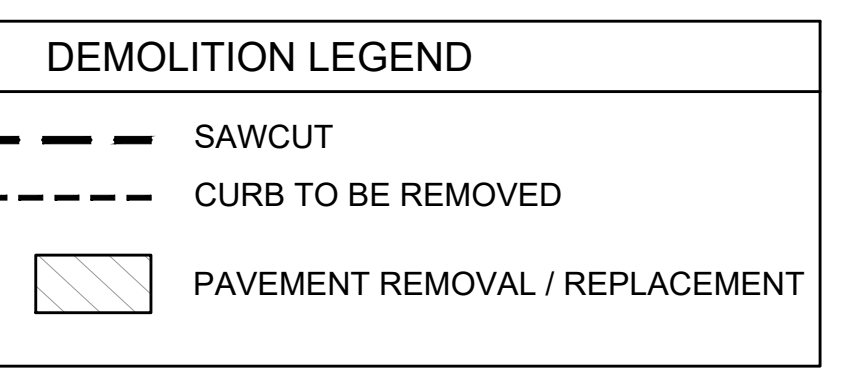
**ENCROACHMENT AND MAINTENANCE AGREEMENT:**  
 AN ENCROACHMENT AND MAINTENANCE AGREEMENT IS REQUIRED FOR THE PROPOSED STORM DRAIN AND PIPE PENETRATION INTO THE CALABACILLAS ARROYO IN AMAFCA ROW. THIS WILL BE FOR PERPETUAL MAINTENANCE OF THE STORM DRAIN AND PIPE PENETRATION BY THE CITY OF ALBUQUERQUE.

**CONSTRUCTION NOTES**

- IF PRINTED SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.
- ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.
- REMOVAL OF SIDEWALK, CURB AND GUTTER, AND VALLEY GUTTER SHALL BE TO THE NEXT NEAREST JOINT.
- CONTRACTOR IS RESPONSIBLE FOR ALL REMOVALS NECESSARY TO BUILD THE IMPROVEMENTS AS INDICATED HERE OR DIRECTED BY THE CITY CONSTRUCTION MANAGER.

**SITE KEYNOTES**

- 01 SAWCUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVEMENT
- 02 REMOVE AND DISPOSE OF EXISTING CURB AND GUTTER
- 03 GRIND AND RESURFACE EXISTING ASPHALT PAVEMENT IN TURN LANE AS NECESSARY
- 04 REMOVE EXISTING DIRT TRAIL
- 05 SAWCUT, REMOVE AND DISPOSE OF EXISTING PAVEMENT AS NECESSARY TO INSTALL PROPOSED 30" STORM SEWER.
- 06 SAWCUT, REMOVE AND DISPOSE OF EXISTING PAVEMENT, CURB, AND BOULEVARD AS NECESSARY TO INSTALL PROPOSED 8" SANITARY SEWER.
- 07 SAWCUT EXISTING CONCRETE SIDEWALK AS NECESSARY TO INSTALL PROPOSED UTILITIES.
- 08 PROVIDE NEAT CUT. REMOVE AND REPLACE CONCRETE FROM EXISTING BANK FOR STORM DRAIN PIPE PENETRATION. SEE AMAFCA DETAILS ON SHEET 6-2. LIMITS OF CONCRETE REMOVAL ARE SUBJECT TO AMAFCA DISCRETION AND SHALL BE DETERMINED AND APPROVED BY AMAFCA PRIOR TO ANY REMOVALS. CONTRACTOR TO CONTACT AMAFCA PRIOR TO ANY REMOVALS.



CITY OF ALBUQUERQUE  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
 REMOVALS PLAN  
 BOP TO STA 1036+00.00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 1-10

AS-BUILT INFORMATION	CONTRACTOR	DATE
	WORK STARTED BY	DATE
BENCH MARKS	ACS Control Monument "9-A11 2006"	DATE
	Elevation = 5301.647 (NAVD 88)	DATE
SURVEY INFORMATION	FIELD NOTES	DATE
	NO.	BY
ENGINEER'S SEAL	NO.	DATE
	BY	DATE
REVISIONS	NO.	DATE
	BY	DATE
REMARKS	NO.	DATE
	BY	DATE
DESIGNED BY	MKS	06/19/2025
	DATE	06/19/2025
DRAWN BY	MKS	06/19/2025
	DATE	06/19/2025
CHECKED BY	RJM	06/19/2025
	DATE	06/19/2025



**VERTICAL & HORIZONTAL CONTROL:**  
 Existing conditions and topography are based on a field survey of the subject area performed and compiled by Terra Land Surveys, LLC in December 2022.  
 \*Basis of Bearing: Bearings are based State Plane Coordinate System, South Zone, NAVD88.

BM#1 Description: ACS Control Monument "9-A11 2006" Elevation: 5301.647

**TAKE CAUTION DURING EXCAVATION:**  
 THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859

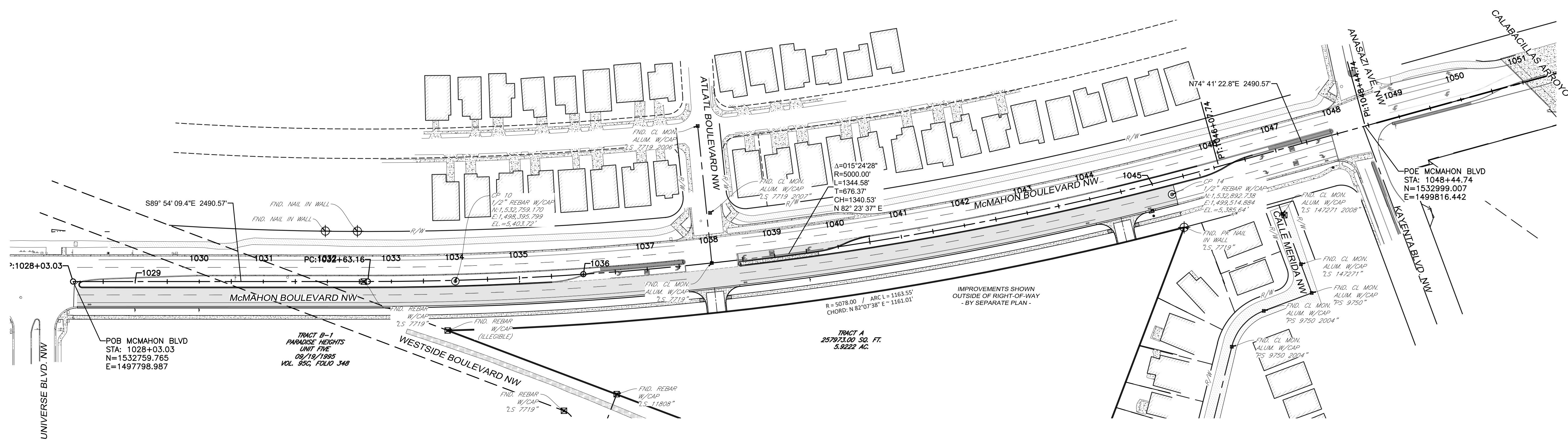


**CONSTRUCTION NOTES**

- IF PRINTED SHEET IS NOT 24"X36" USE GRAPHIC SCALE ACCORDINGLY.

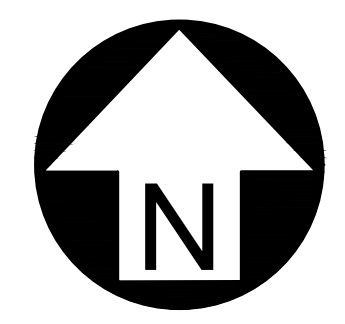
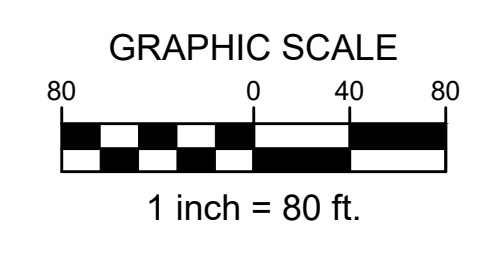
**SURVEY NOTES**

- TOPOGRAPHIC SURVEY WAS COMPILED UTILIZING GROUND COORDINATES REFERENCE TO NAD 1983 NEW MEXICO CENTRAL ZONE.
- PRIMARY HORIZONTAL AND VERTICAL CONTROL WAS ESTABLISHED UTILIZING GPS RTK METHODS. COMBINED GROUND TO GRID FACTOR IS 0.999667085456 SCALED AROUND CP 100. N: 1,532,445.517, E: 1,499,001.185
- ELEVATIONS ARE BASED UPON THE NAVD 88 DATUM.
- THE COORDINATES AND ELEVATIONS SHOWN HEREON ARE EXPRESSED IN U.S. SURVEY FEET.
- TOPOGRAPHIC SURVEY PERFORMED AND COMPILED BY TERRA LAND SURVEYS, LLC. CORRALES, NEW MEXICO DECEMBER 2022 AND OCTOBER 2023.



**LEGEND**

	EXISTING ASPHALT PAVEMENT
	ASPHALT PAVEMENT
	CONCRETE SIDEWALK / PAVEMENT



**VERTICAL & HORIZONTAL CONTROL:**  
 Existing conditions and topography are based on a field survey of the subject area performed and compiled by Terra Land Surveys, LLC in December 2022.  
 \*Basis of Bearing: Bearings are based State Plane Coordinate System, South Zone, NAVD88.

**BM#1** Description: ACS Control Monument "9-A11 2006" Elevation: 5301.647

**TAKE CAUTION DURING EXCAVATION:**  
 THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR / UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859



AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STAKED BY	DATE
FIELD ACCEPTANCE BY	DATE
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
RECORDED BY	DATE
MICRO-FILM INFORMATION	
NO.	DATE

BENCH MARKS	
ACS Control Monument "9-A11 2006"	DATE
Elevation = 5301.647 (NAVD 88)	DATE

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	BY

ENGINEER'S SEAL	

REVISIONS	
NO.	DATE
REMARKS	BY

DESIGNED BY	MKS	DATE	06/19/2025
DRAWN BY	MKS	DATE	06/19/2025
CHECKED BY	RJM	DATE	06/19/2025

**BURKHARDT**  
 ENGINEERS + SURVEYORS

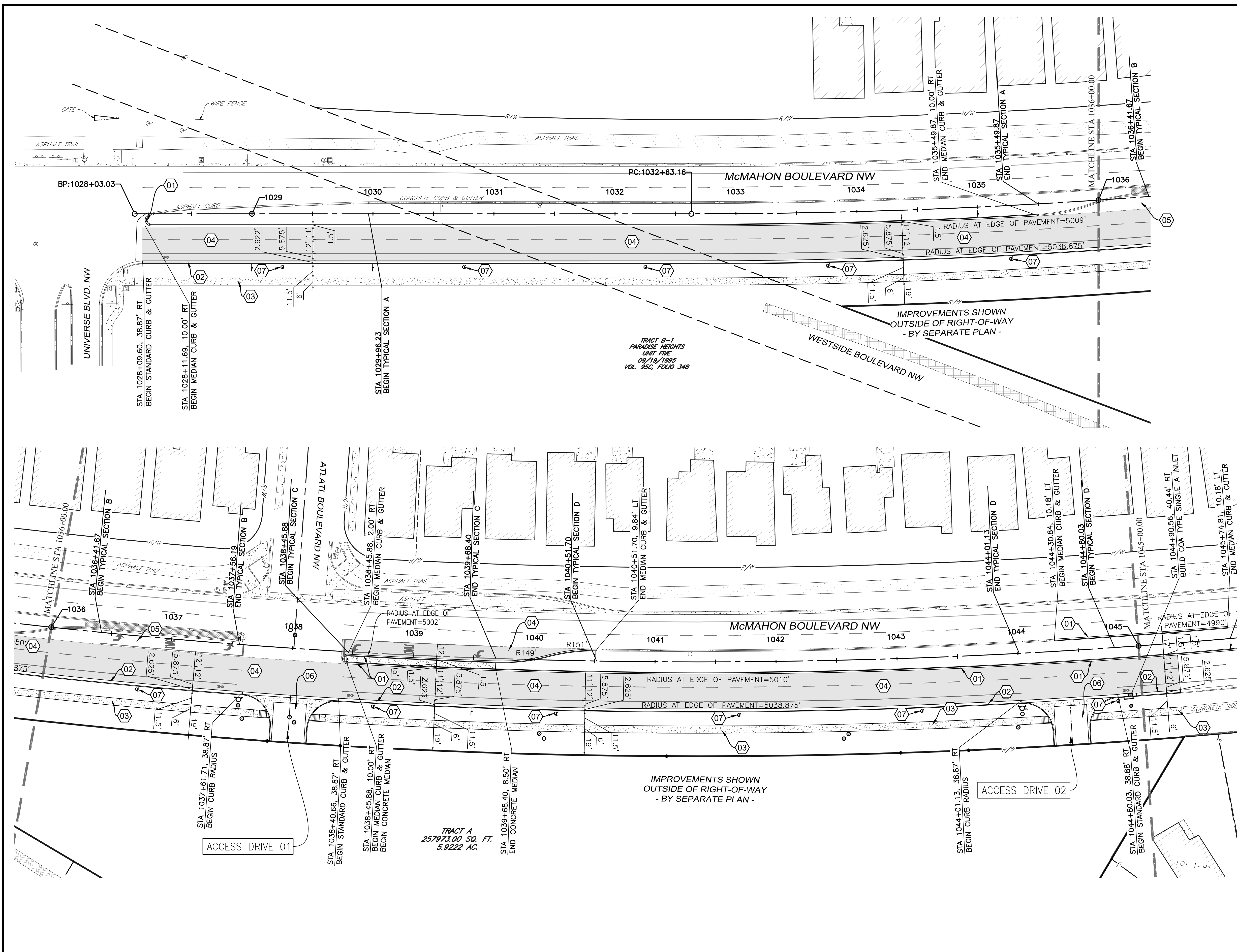
28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0090 | BURKHARDTINC.COM  
 CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

**CITY OF ALBUQUERQUE**  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
 SURVEY CONTROL AND CONSTRUCTION CL DATA  
 BOP TO STA 1036+00.00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 3-1

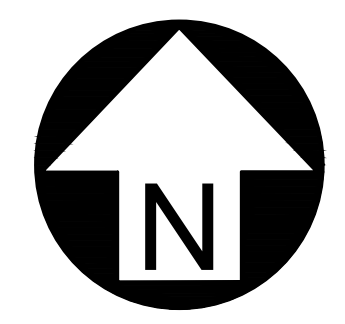
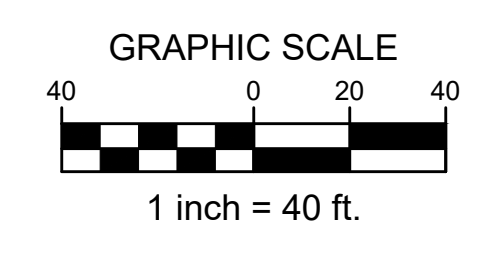
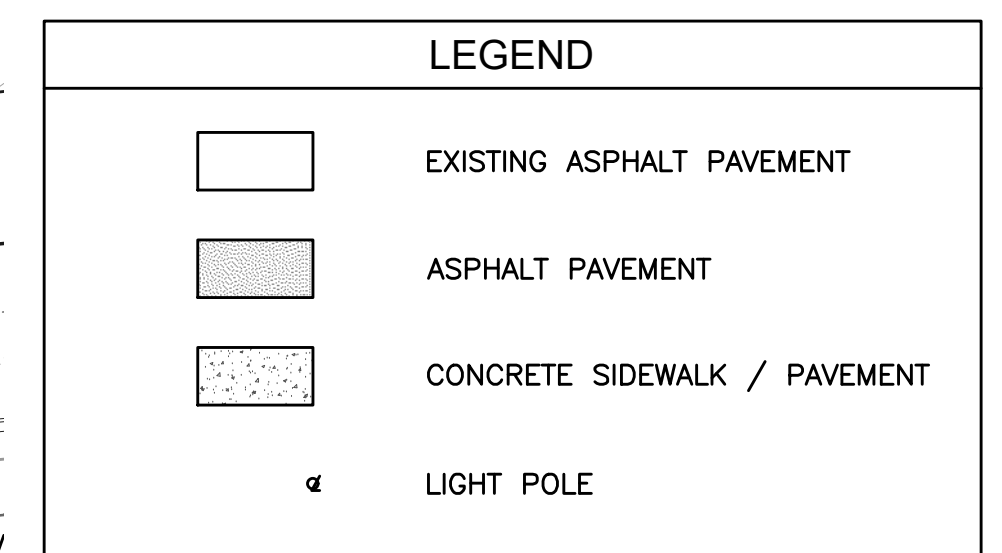


**CONSTRUCTION NOTES**

- IF PRINTED SHEET IS NOT 24"X36" USE GRAPHIC SCALE ACCORDINGLY.
- ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.
- GATE STATIONING IS WEST MOST POINT.

**SITE KEYNOTES**

- 01 BUILD MEDIAN CURB & GUTTER - PER COA STD DWG 2415A
- 02 BUILD STANDARD CURB & GUTTER - PER COA STD DWG 2415A
- 03 BUILD SIDEWALK, 4" PCC - PER COA STD DWG 2430 - WIDTH = 6'
- 04 BUILD ASPHALT PAVEMENT - PER PAVEMENT SECTION A - SEE DETAIL ON SHEET 1-7
- 05 GRIND AND RESURFACE EXISTING ASPHALT PAVEMENT IN TURN LANE AS NECESSARY
- 06 BUILD PRIVATE ENTRANCE DRIVE - PER COA STD DWG 2426
- 07 CONTRACTOR TO COORDINATE WITH CITY FOR LIGHT POLE INSTALLATION ALONG MCMAHON BLVD. - POLE SPACING = 150' - PER COA STD DWG 2580 & 2581



**VERTICAL & HORIZONTAL CONTROL:**  
 Existing conditions and topography are based on a field survey of the subject area performed and compiled by Terra Land Surveys, LLC in December 2022.  
 \*Basis of Bearing: Bearings are based State Plane Coordinate System, South Zone, NAVD88.

BM#1 Description: ACS Control Monument "9-A11 2006" Elevation: 5301.647

**TAKE CAUTION DURING EXCAVATION:**  
 THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859



AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR		ACS Control Monument "9-A11 2006"		FIELD NOTES			6/19/2025
WORK STARTED BY		Elevation = 5301.647 (NAVD 88)		NO.	BY		
DATE				NO.	BY	REVISIONS	REMARKS
DATE				NO.	BY	NO.	DATE
DATE				NO.	BY	NO.	DATE
DATE				NO.	BY	NO.	DATE
DATE				NO.	BY	NO.	DATE

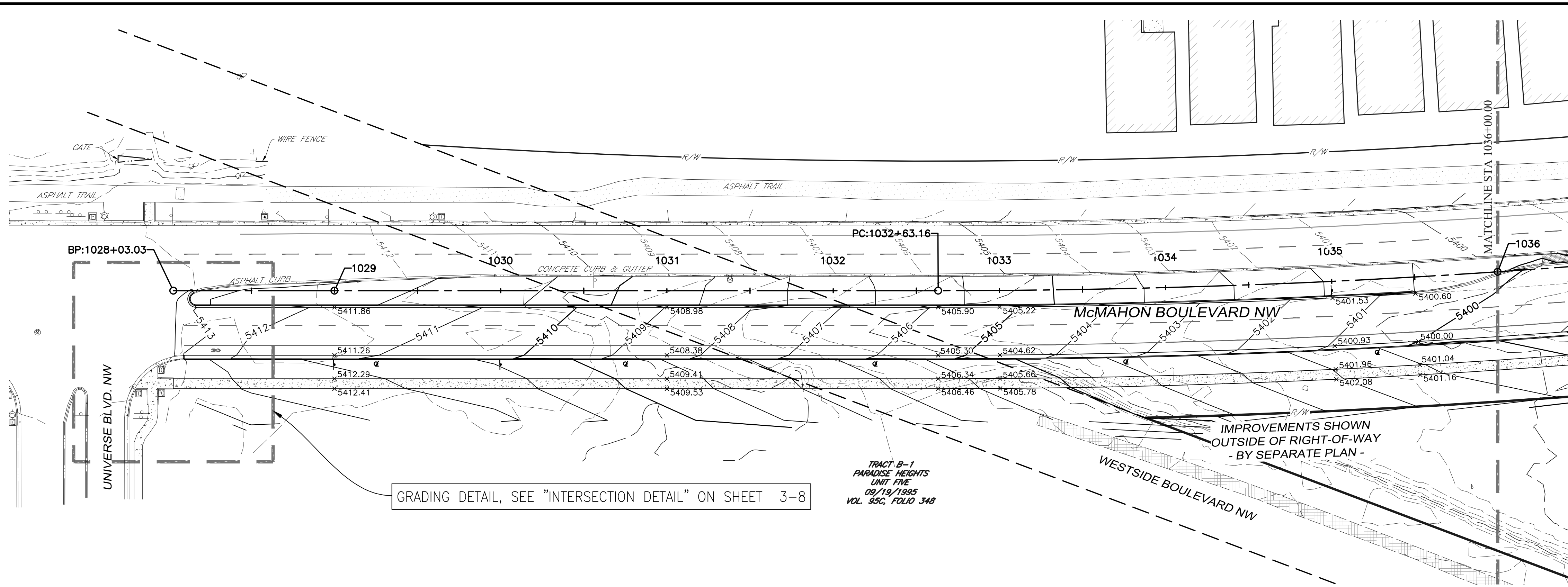
CITY OF ALBUQUERQUE  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
 ROADWAY PAVING PLAN  
 BOP TO STA 1036+00.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 3-2

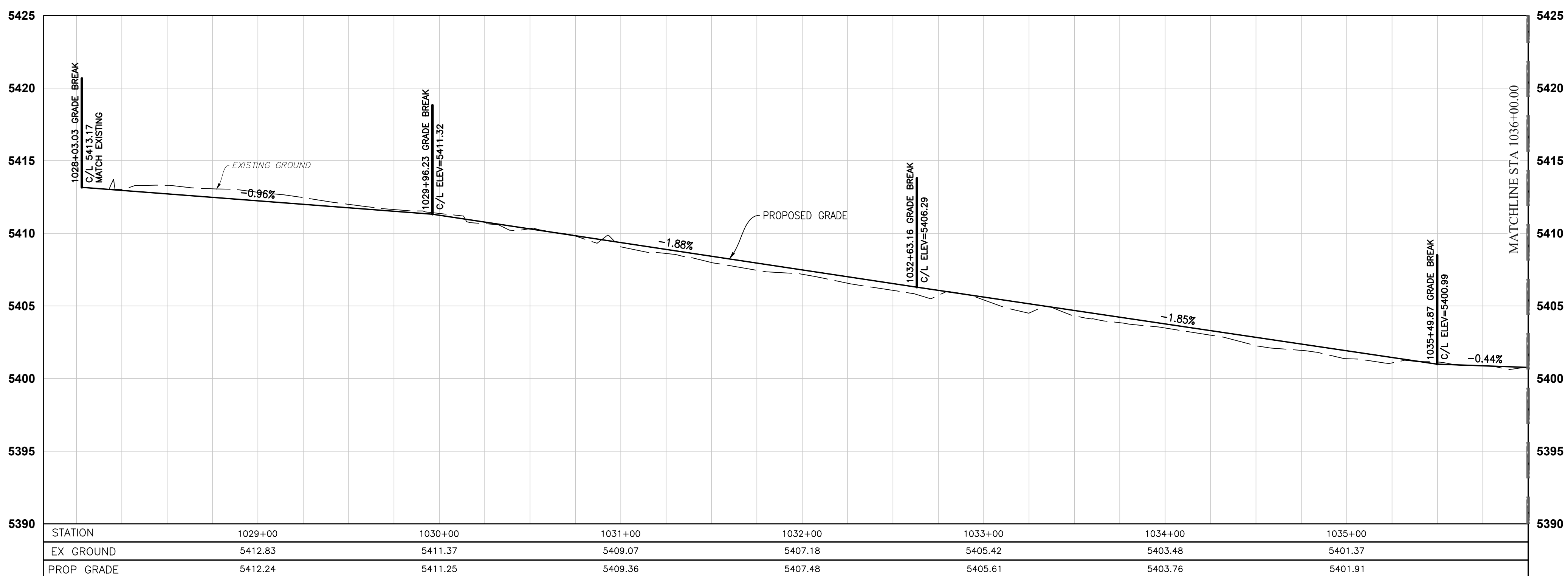




GRADING DETAIL, SEE "INTERSECTION DETAIL" ON SHEET 3-8

TRACT B-1  
PARADES HEIGHTS  
UNIT FIVE  
08/19/1985  
VOL. 95C, FOLIO 348

IMPROVEMENTS SHOWN  
OUTSIDE OF RIGHT-OF-WAY  
- BY SEPARATE PLAN -



**CONSTRUCTION NOTES**

- IF PRINTED SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.
- ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.
- GATE STATIONING IS WEST MOST POINT.
- PROPOSED SPOT ELEVATIONS REPRESENT PROPOSED ELEVATIONS ALONG EDGE OF PAVEMENT OR EDGE OF SIDEWALK.
- PROPOSED SPOT ELEVATIONS ARE SHOWN AT 200' INTERVALS ALONG CENTERLINE STATIONING AND AT GRADE BREAKS ALONG ROADWAY.

AS-BUILT INFORMATION	
CONTRACTOR	
WORK STARTED BY	
DATE	
FIELD ACCEPTANCE BY	
DATE	
DRAWINGS BY	
DATE	
CORRECTED BY	
DATE	
MICRO-FILM INFORMATION	
RECORDED BY	
NO.	

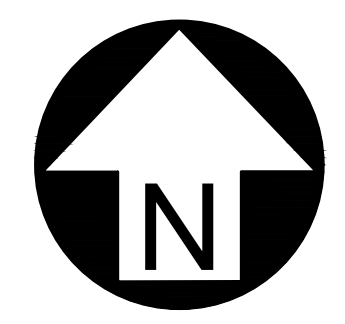
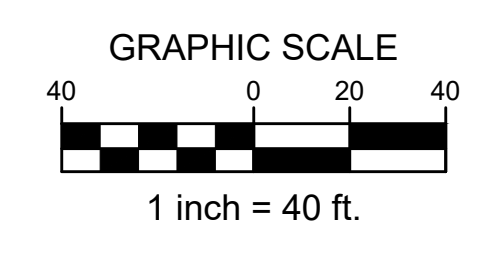
BENCH MARKS	
ACS Control Monument "9-A11 2006"	
Elevation = 5301.647 (NAVD 88)	

SURVEY INFORMATION	
FIELD NOTES	
NO.	
BY	
DATE	

ENGINEER'S SEAL

6/19/2025

REVISIONS	
NO.	DATE
REMARKS	BY



**BURKHARDT**  
ENGINEERS + SURVEYORS

28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0090 | BURKHARDTINC.COM  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
ROADWAY GRADING PLAN AND PROFILE  
BOP TO STA 1036+00.00

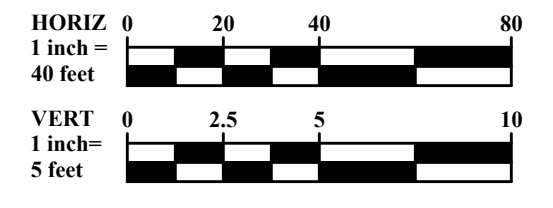
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 3-4

**VERTICAL & HORIZONTAL CONTROL:**

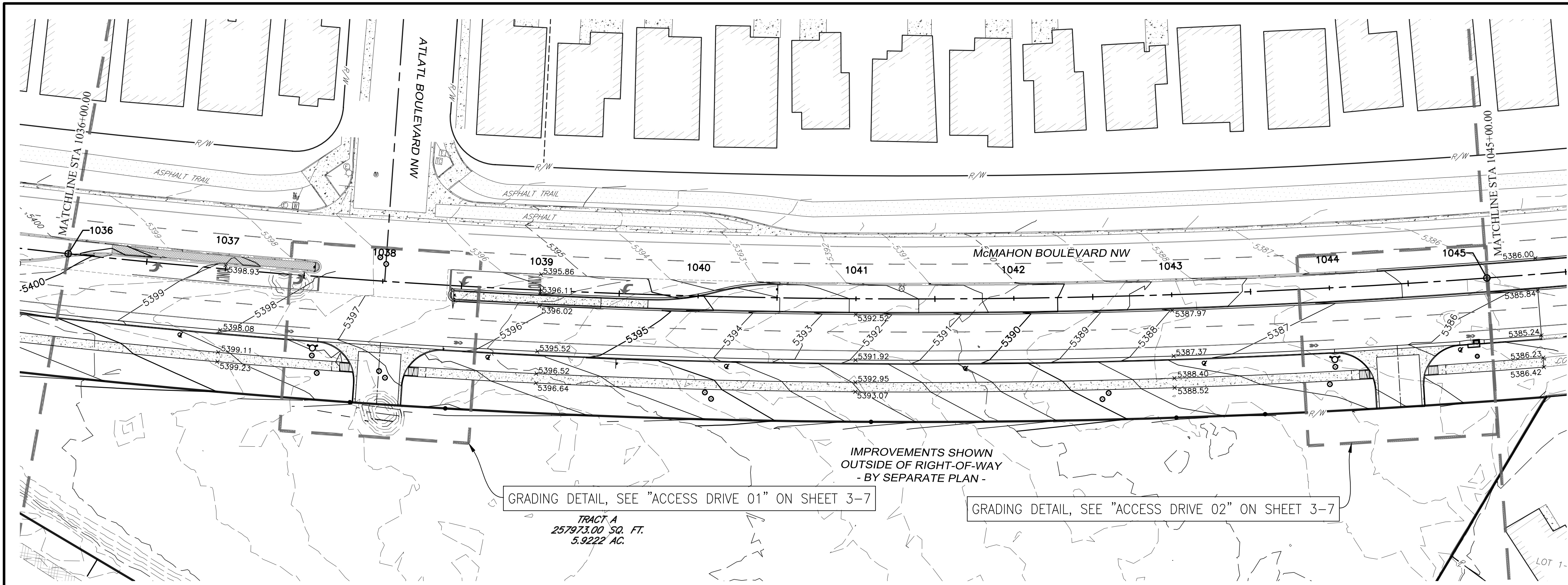
Existing conditions and topography are based on a field survey of the subject area performed and compiled by Terra Land Surveys, LLC in December 2022.  
\*Basis of Bearing: Bearings are based State Plane Coordinate System, South Zone, NAVD88.

BM#1 Description: ACS Control Monument "9-A11 2006"  
Elevation: 5301.647



**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

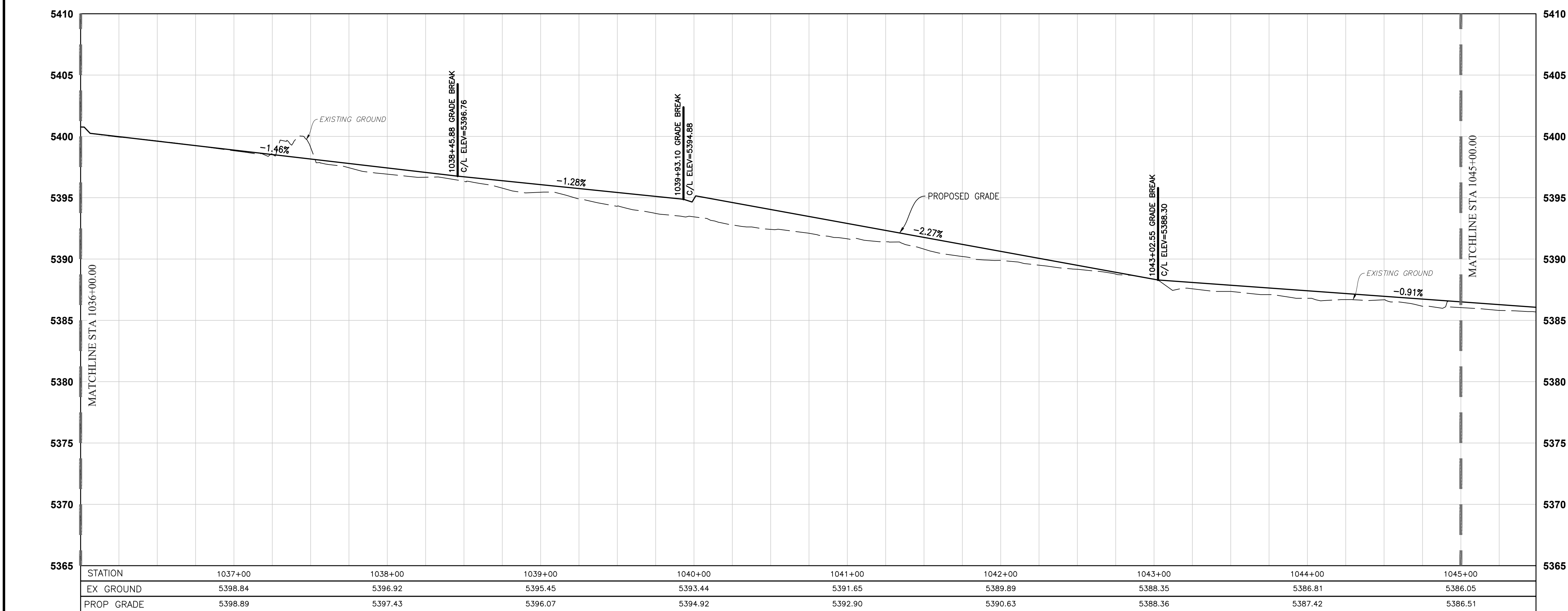
NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859



GRADING DETAIL, SEE "ACCESS DRIVE 01" ON SHEET 3-7

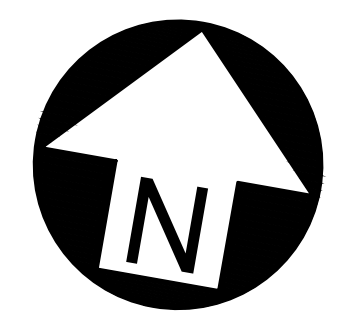
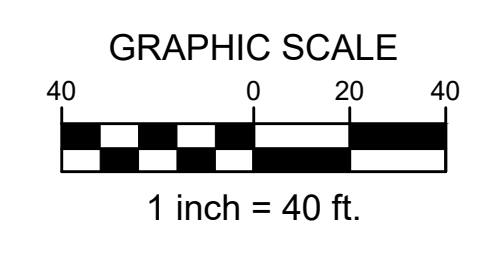
GRADING DETAIL, SEE "ACCESS DRIVE 02" ON SHEET 3-7

TRACT A  
257973.00 SQ. FT.  
5.9222 AC.



- ### CONSTRUCTION NOTES
- IF PRINTED SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.
  - ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.
  - GATE STATIONING IS WEST MOST POINT.
  - PROPOSED SPOT ELEVATIONS REPRESENT PROPOSED ELEVATIONS ALONG EDGE OF PAVEMENT OR EDGE OF SIDEWALK.
  - PROPOSED SPOT ELEVATIONS ARE SHOWN AT 200' INTERVALS ALONG CENTERLINE STATIONING AND AT GRADE BREAKS ALONG ROADWAY.

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR		ACS Control Monument "9-A11 2006"		NO.	BY		
WORK STAKED BY		Elevation = 5301.647 (NAVD 88)		DATE			
FIELD ACCEPTANCE BY							
DRAWINGS BY							
CORRECTED BY							
RECORDED BY							
NO.							



**CITY OF ALBUQUERQUE**  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
ROADWAY GRADING PLAN AND PROFILE  
STA 1036+00.00 TO STA 1045+00.00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. XXXXXX	Zone Map No. A-10-Z	Sheet 3-5	

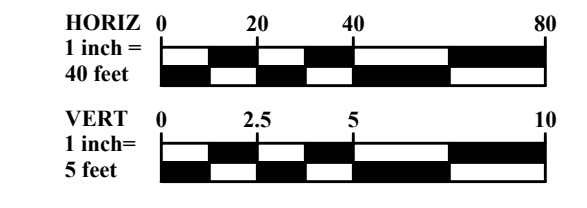


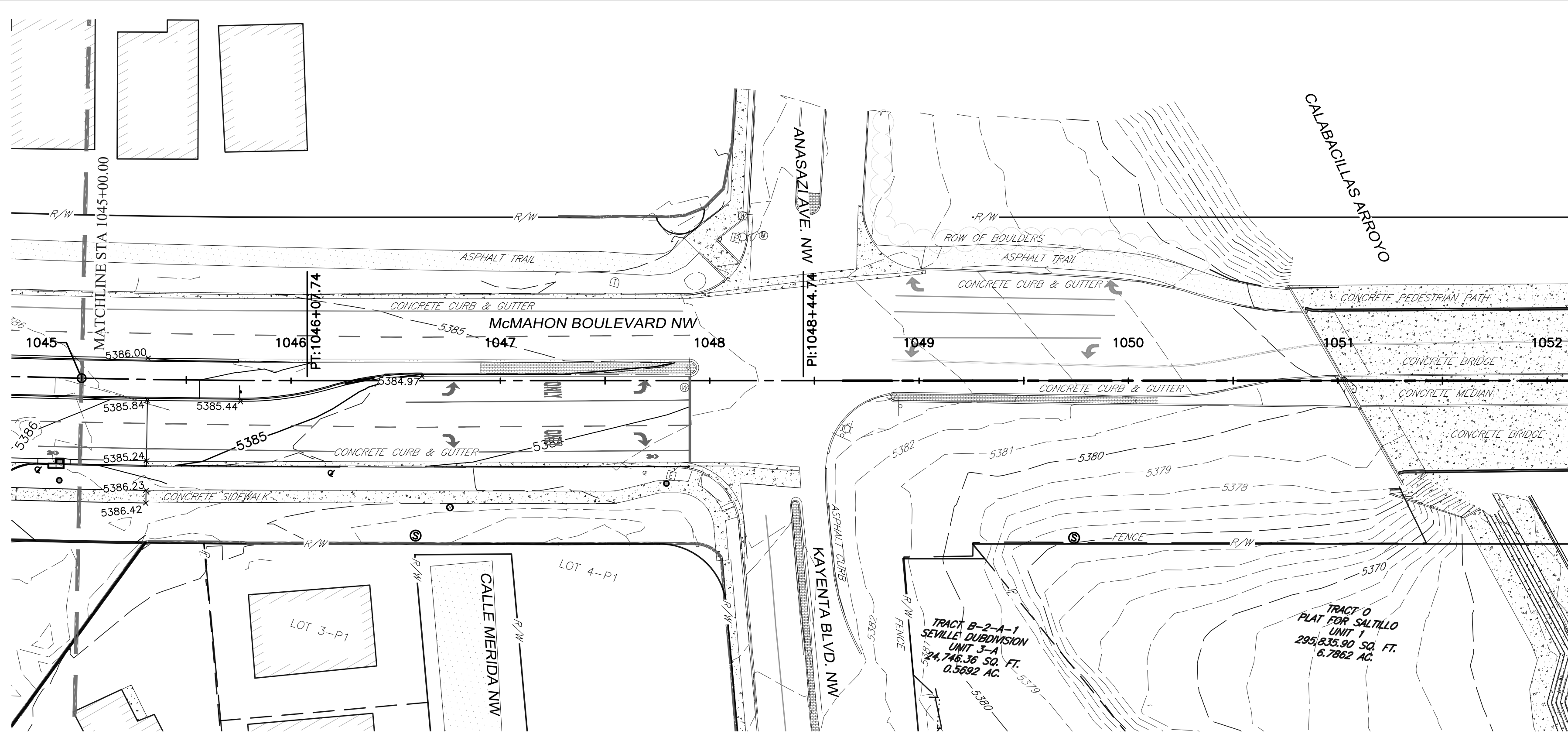
**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859

**VERTICAL & HORIZONTAL CONTROL:**  
Existing conditions and topography are based on a field survey of the subject area performed and compiled by Terra Land Surveys, LLC in December 2022.  
\*Basis of Bearing: Bearings are based State Plane Coordinate System, South Zone, NAVD88.

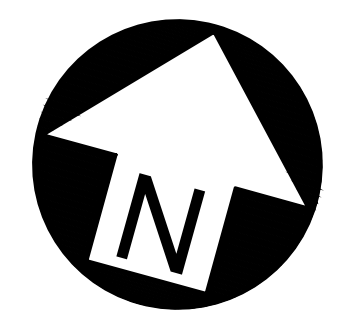
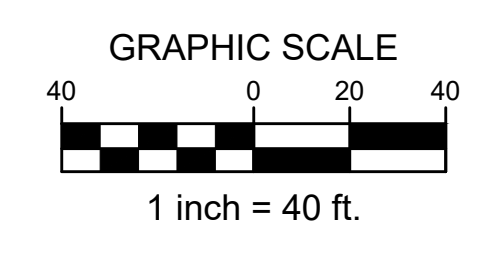
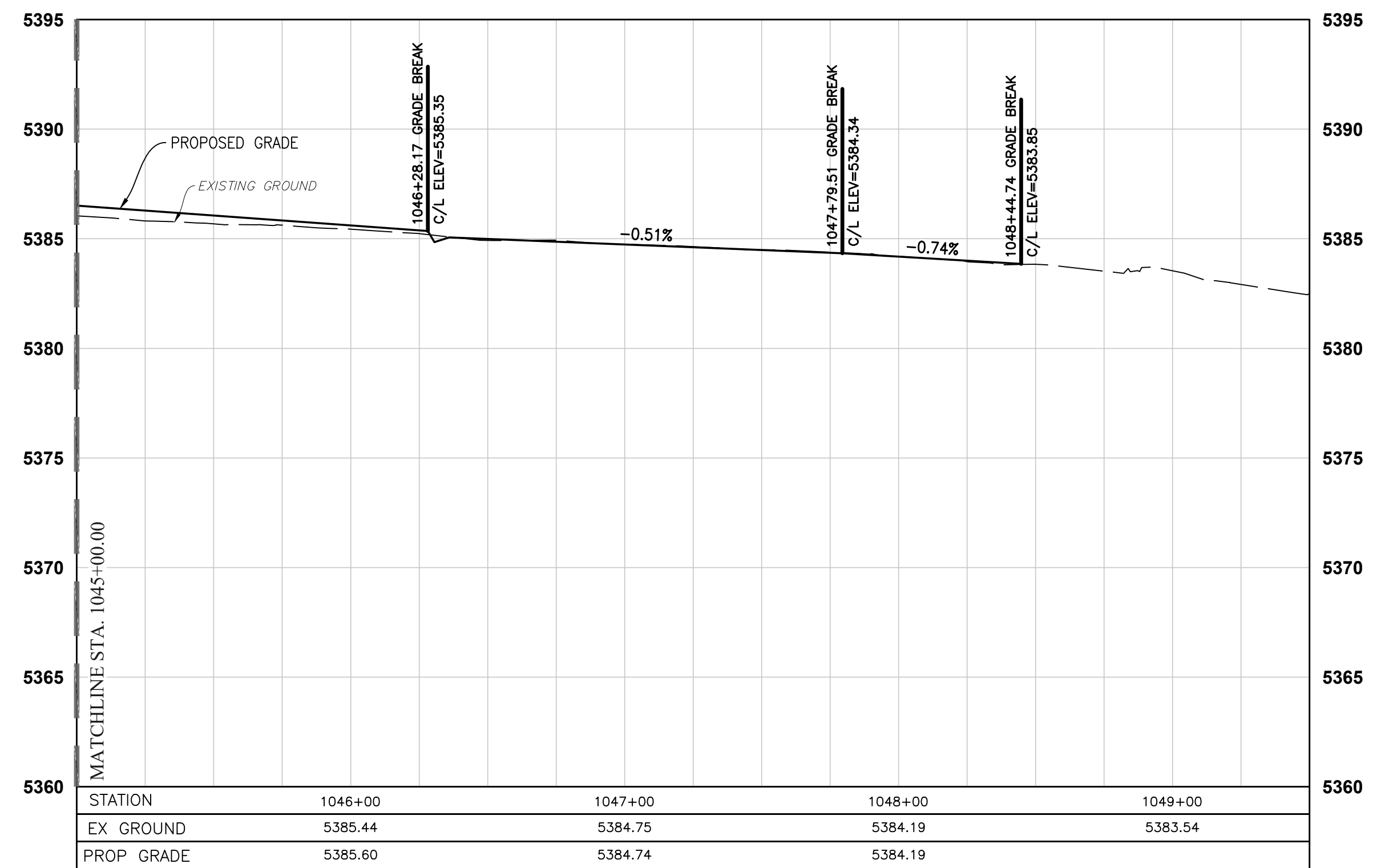
BM#1 Description: ACS Control Monument "9-A11 2006" Elevation: 5301.647





**CONSTRUCTION NOTES**

- IF PRINTED SHEET IS NOT 24"X36" USE GRAPHIC SCALE ACCORDINGLY.
- ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.
- GATE STATIONING IS WEST MOST POINT.
- PROPOSED SPOT ELEVATIONS REPRESENT PROPOSED ELEVATIONS ALONG EDGE OF PAVEMENT OR EDGE OF SIDEWALK.
- PROPOSED SPOT ELEVATIONS ARE SHOWN AT 200' INTERVALS ALONG CENTERLINE STATIONING AND AT GRADE BREAKS ALONG ROADWAY.



**BURKHARDT**  
ENGINEERS + SURVEYORS

28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0090 | BURKHARDTINC.COM  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

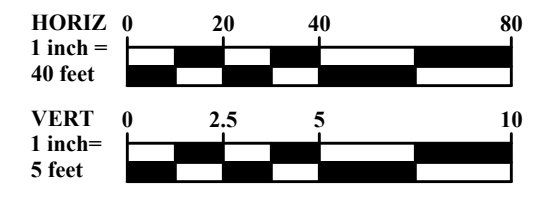
CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

Design Review Committee		City Engineer Approval		Mo./Day/Yr.		Mo./Day/Yr.	
City Project No. XXXXXX	Zone Map No. A-10-Z	Sheet 3-6					

**VERTICAL & HORIZONTAL CONTROL:**

Existing conditions and topography are based on a field survey of the subject area performed and compiled by Terra Land Surveys, LLC in December 2022.  
\*Basis of Bearing: Bearings are based State Plane Coordinate System, South Zone, NAVD88.

BM#1 Description: ACS Control Monument "9-A11 2006"  
Elevation: 5301.647

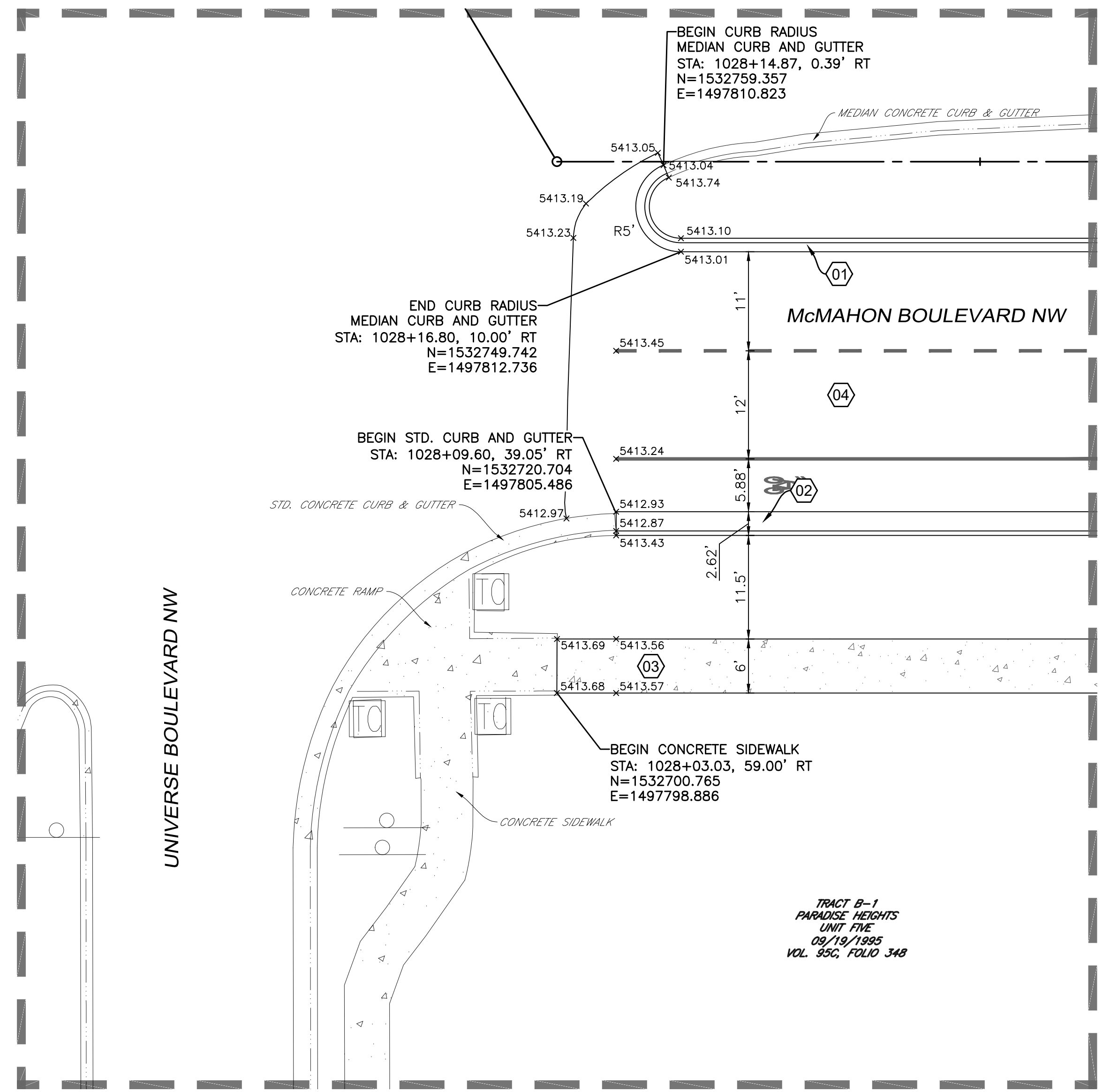


**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL							
CONTRACTOR	DATE	ACS Control Monument "9-A11 2006"	Elevation = 5301.647 (NAVD 88)	FIELD NOTES	DATE		<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	BY			
NO.	DATE	BY											
WORK STAKED BY	DATE	NO.	BY	NO.	DATE	REVISIONS	REMARKS						
FIELD ACCEPTANCE BY	DATE	DESIGNED BY	DATE	MKS	06/19/2025								
DRAWINGS BY	DATE	DRAWN BY	DATE	MKS	06/19/2025								
CORRECTED BY	DATE	CHECKED BY	DATE	RJM	06/19/2025								
MICRO-FILM INFORMATION	NO.												





INTERSECTION DETAIL  
SCALE: 1"=10'

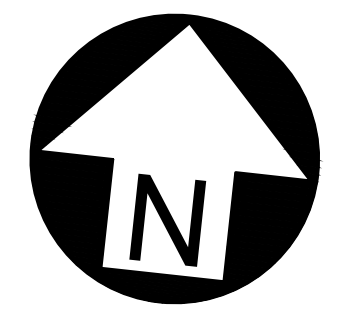
TRACT B-1  
PARADISE HEIGHTS  
UNIT FIVE  
09/19/1985  
VOL. 95C, FOLIO 348

**CONSTRUCTION NOTES**

- IF PRINTED SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.
- ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.
- GATE STATIONING IS WEST MOST POINT.

**SITE KEYNOTES**

- 01 BUILD MEDIAN CURB & GUTTER - PER COA STD DWG 2415A
- 02 BUILD STANDARD CURB & GUTTER - PER COA STD DWG 2415A
- 03 BUILD SIDEWALK, 4" PCC - PER COA STD DWG 2430 - WIDTH = 6'
- 04 BUILD ASPHALT PAVEMENT - PER PAVEMENT SECTION A - SEE DETAIL ON SHEET 1-8



AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STAKED BY	DATE
FIELD ACCEPTANCE BY	DATE
DESIGNATION BY	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	DATE
RECORDED BY	DATE
NO.	

BENCH MARKS	
ACS Control Monument "9-A11 2006"	Elevation = 5301.647 (NAVD 88)

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	BY

ENGINEER'S SEAL

6/19/2025

REVISIONS	
NO.	DATE

DESIGNED BY	DATE
MKS	06/19/2025
DRAWN BY <th>DATE</th>	DATE
MKS	06/19/2025
CHECKED BY <th>DATE</th>	DATE
RJM	06/19/2025

**BURKHARDT**  
ENGINEERS & SURVEYORS

28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0060 | BURKHARDTINC.COM  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
INTERSECTION DETAIL - McMAHON AND UNIVERSE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

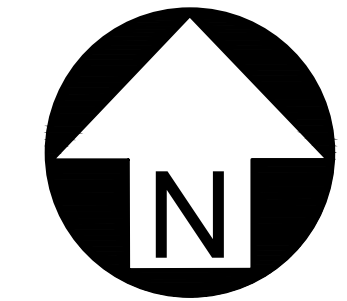
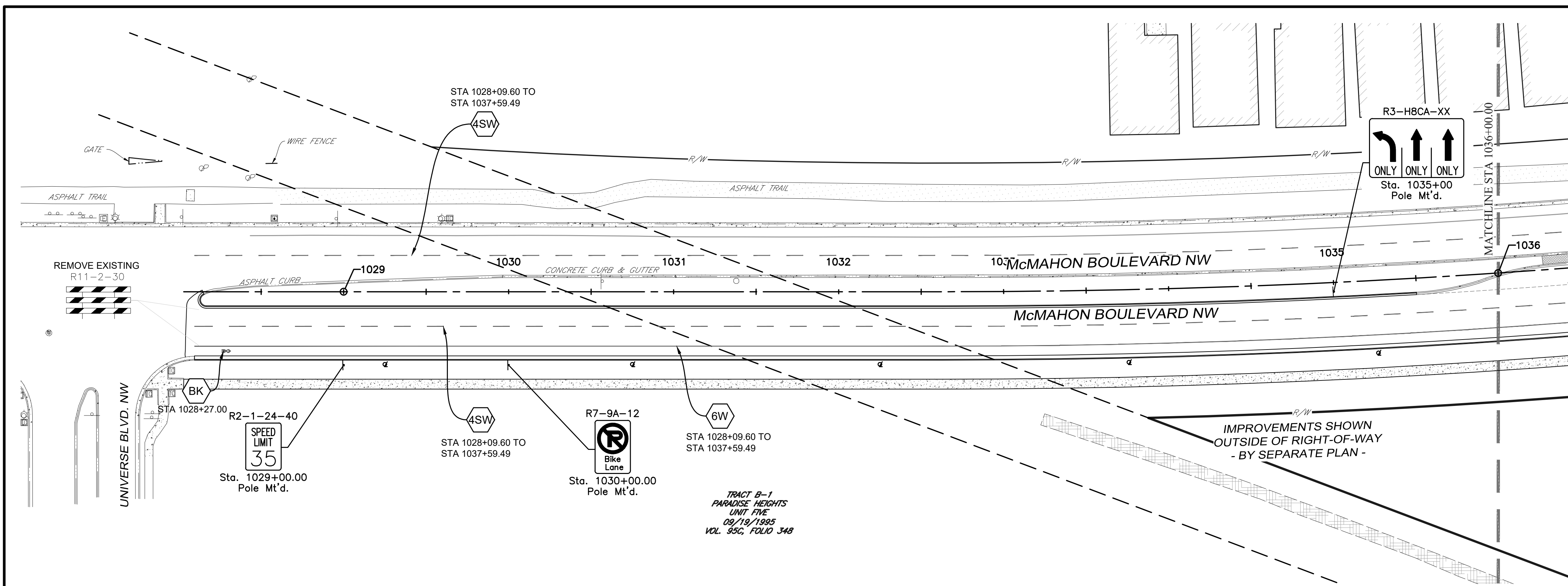
City Project No. XXXXXX	Zone Map No. A-10-Z	Sheet 3-8
----------------------------	------------------------	--------------



**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859



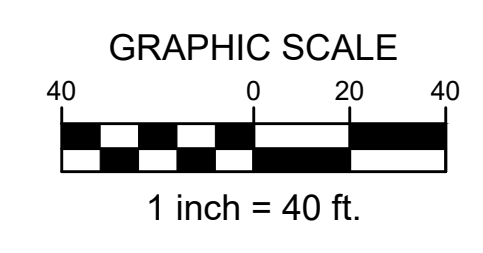
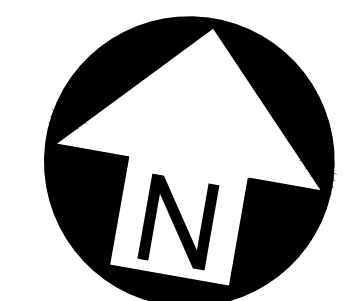
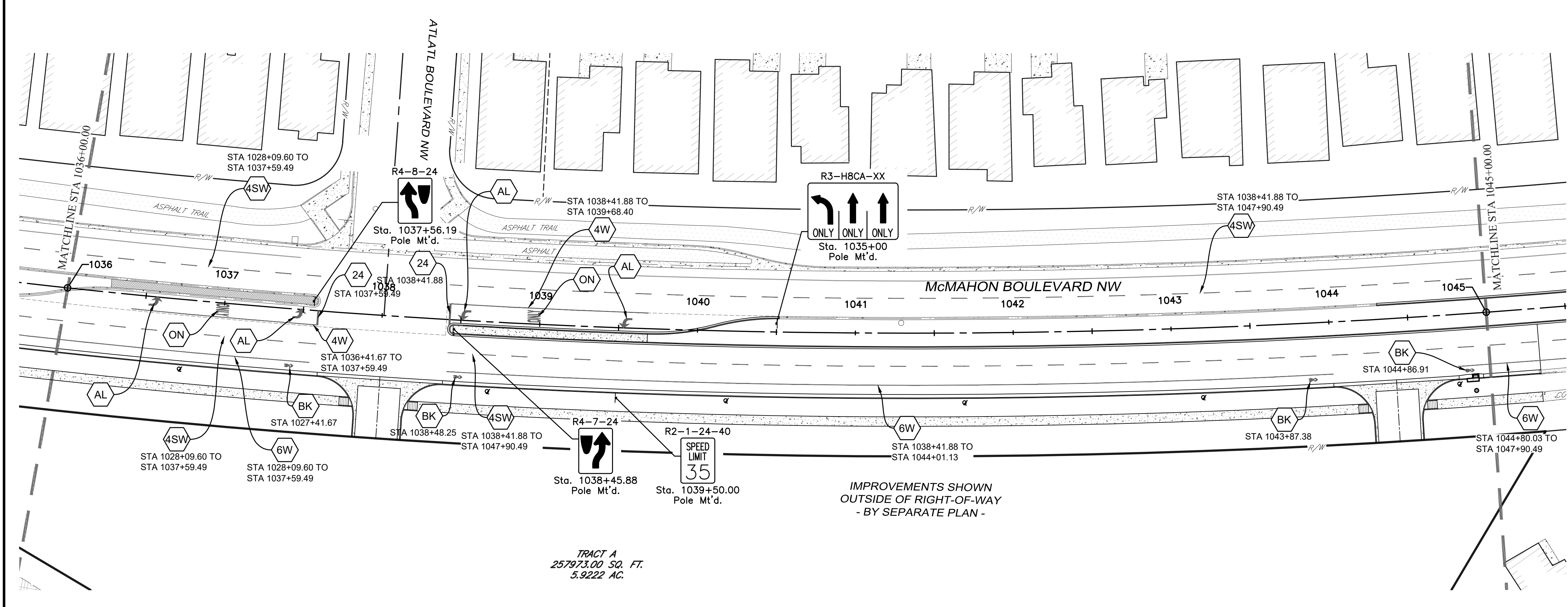


**CONSTRUCTION NOTES**

- IF PRINTED SHEET IS NOT 24"X36" USE GRAPHIC SCALE ACCORDINGLY.
- ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.
- GATE STATIONING IS WEST MOST POINT.

**SITE KEYNOTES**

- 4W 4" SOLID WHITE
- 4SW 4" SKIP WHITE (10' STRIPE, 30' GAP)
- 6W 6" SOLID WHITE
- 6D 6" DOTTED WHITE (2' STRIPE, 4' GAP)
- 8W 6" DOTTED WHITE (2' STRIPE, 4' GAP)
- 6D 6" DOTTED WHITE (2' STRIPE, 4' GAP)
- AR ARROW - RIGHT TURN
- ON WORD MARKING "ONLY"
- BK BIKE SYMBOL AND ARROW
- 24 24" SOLID WHITE STOP BAR



**TAKE CAUTION DURING EXCAVATION:**  
 THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859

**VERTICAL & HORIZONTAL CONTROL:**  
 Existing conditions and topography are based on a field survey of the subject area performed and compiled by Terra Land Surveys, LLC in December 2022.  
 \*Basis of Bearing: Bearings are based State Plane Coordinate System, South Zone, NAVD88.  
 BM#1 Description: ACS Control Monument "9-A11 2006" Elevation: 5301.647

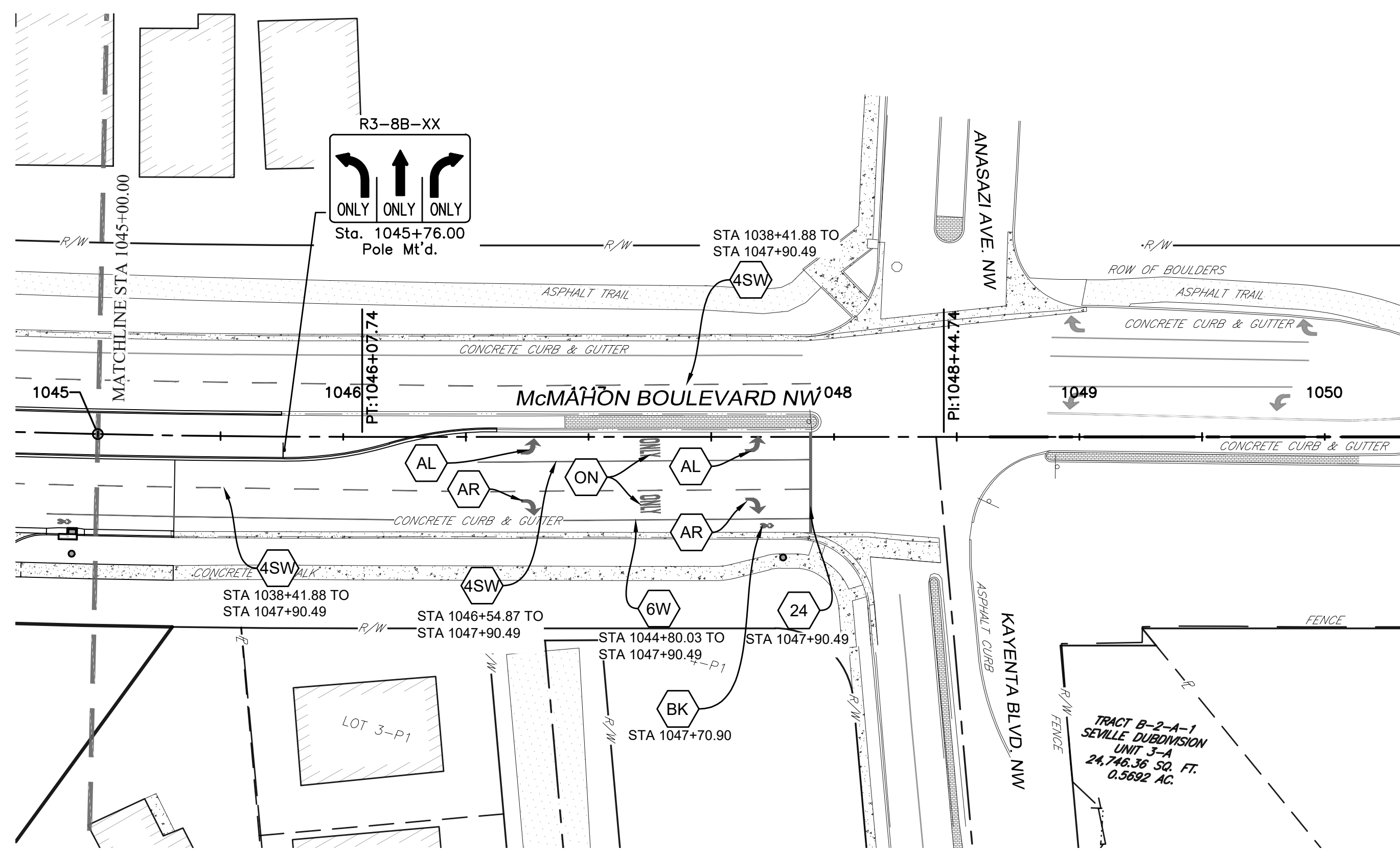
CITY OF ALBUQUERQUE  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
 PERMANENT SIGNING AND STRIPING - McMAHON  
 BOP TO STA 1045+00.00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXX Zone Map No. A-10-Z Sheet 5-2

AS-BUILT INFORMATION		CONTRACTOR		DATE	
WORK STAKED BY	DATE	CONTRACTOR	DATE	WORK STAKED BY	DATE
FIELD ACCEPTANCE BY	DATE	CONTRACTOR	DATE	FIELD ACCEPTANCE BY	DATE
DRAWINGS BY	DATE	CONTRACTOR	DATE	DRAWINGS BY	DATE
CORRECTED BY	DATE	CONTRACTOR	DATE	CORRECTED BY	DATE
MICRO-FILM INFORMATION	NO.				
RECORDED BY	DATE				
SURVEY INFORMATION		FIELD NOTES		DATE	
NO.	BY	NO.	BY	NO.	BY
ENGINEER'S SEAL		REVISIONS		REMARKS	
		NO.	DATE	NO.	DATE
DESIGNED BY	MKS	DATE	06/19/2025	BY	
DRAWN BY	MKS	DATE	06/19/2025	BY	
CHECKED BY	RJM	DATE	06/19/2025	BY	

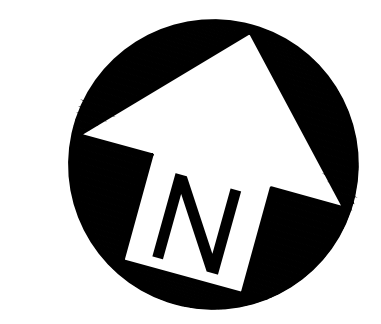
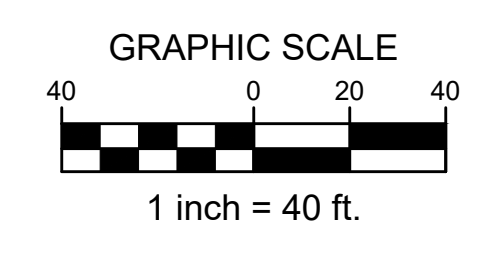


**CONSTRUCTION NOTES**

- IF PRINTED SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.
- ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.
- GATE STATIONING IS WEST MOST POINT.

**SITE KEYNOTES**

- 4W 4" SOLID WHITE
- 4SW 4" SKIP WHITE (10' STRIPE, 30' GAP)
- 6W 6" SOLID WHITE
- 6D 6" DOTTED WHITE (2' STRIPE, 4' GAP)
- 8W 6" DOTTED WHITE (2' STRIPE, 4' GAP)
- 6D 6" DOTTED WHITE (2' STRIPE, 4' GAP)
- AL ARROW - LEFT TURN
- AR ARROW - RIGHT TURN
- ON WORD MARKING "ONLY"
- BK BIKE SYMBOL AND ARROW
- 24 24" SOLID WHITE STOP BAR



AS-BUILT INFORMATION	
CONTRACTOR	
WORK STAKED BY	
DATE	
FIELD ACCEPTANCE BY	
DATE	
FIELD STATION BY	
DATE	
DRAWINGS BY	
DATE	
CORRECTED BY	
DATE	
MICRO-FILM INFORMATION	
RECORDED BY	
NO.	

BENCH MARKS	
ACS Control Monument "9-A11 2006"	
Elevation = 5301.647 (NAVD 88)	

SURVEY INFORMATION	
FIELD NOTES	
NO.	
BY	
DATE	

**ENGINEER'S SEAL**

6/19/2025

REVISIONS	
NO.	BY
DATE	
REMARKS	

**BURKHARDT**  
ENGINEERS + SURVEYORS

28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0090 | BURKHARDTINC.COM  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

**CITY OF ALBUQUERQUE**  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

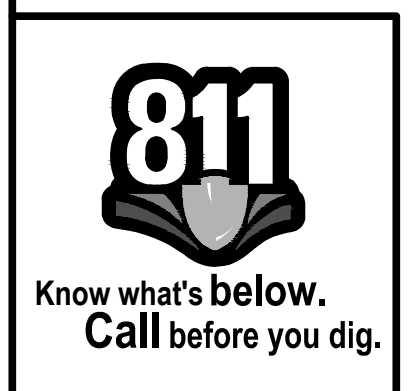
**McMAHON BOULEVARD WIDENING**  
PERMANENT SIGNING AND STRIPING - McMAHON  
STA 1045+00.00 TO EOP

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. XXXXXX	Zone Map No. A-10-Z	Sheet 5-3	

**VERTICAL & HORIZONTAL CONTROL:**

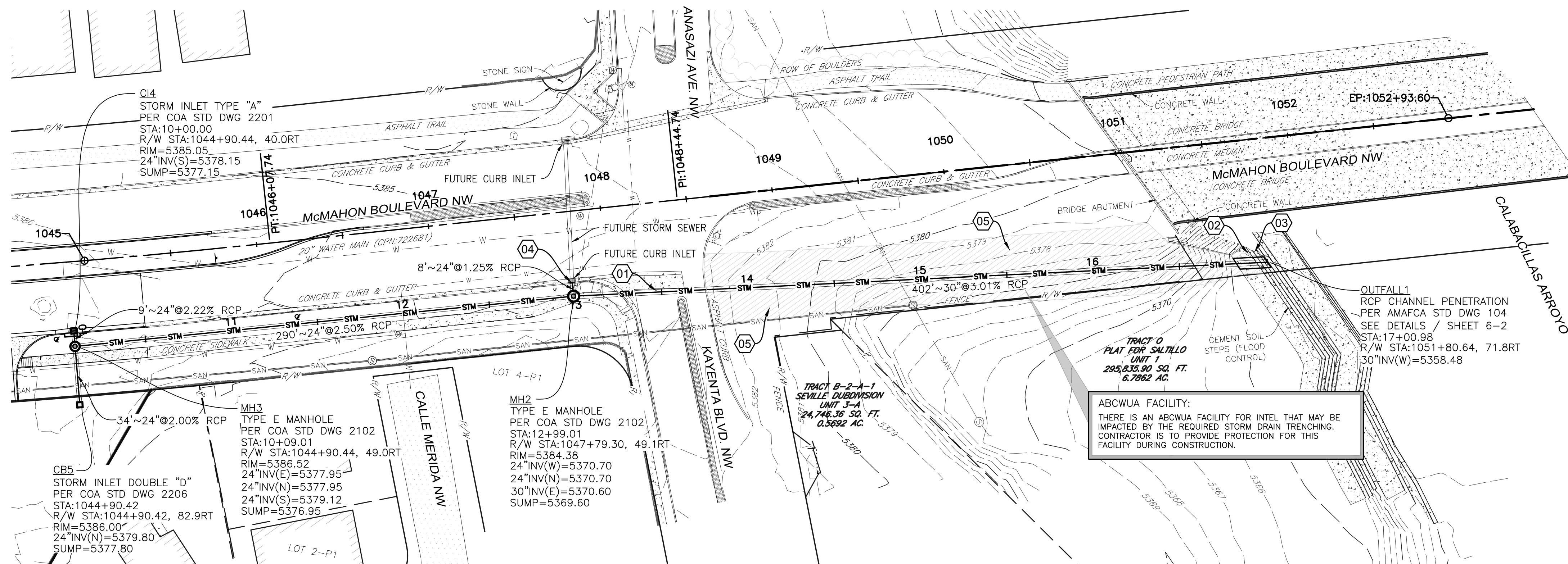
Existing conditions and topography are based on a field survey of the subject area performed and compiled by Terra Land Surveys, LLC in December 2022.  
\*Basis of Bearing: Bearings are based State Plane Coordinate System, South Zone, NAVD88.

BM#1 Description: ACS Control Monument "9-A11 2006"  
Elevation: 5301.647



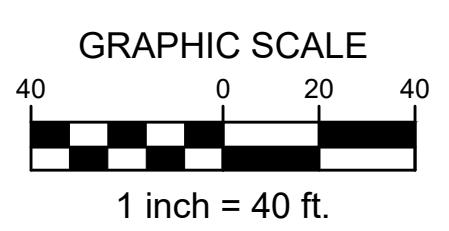
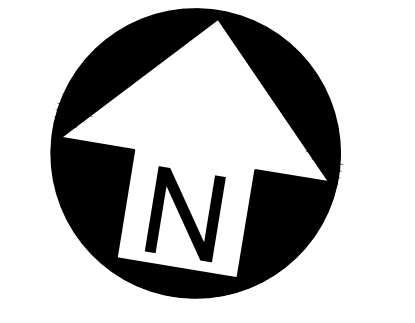
**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859

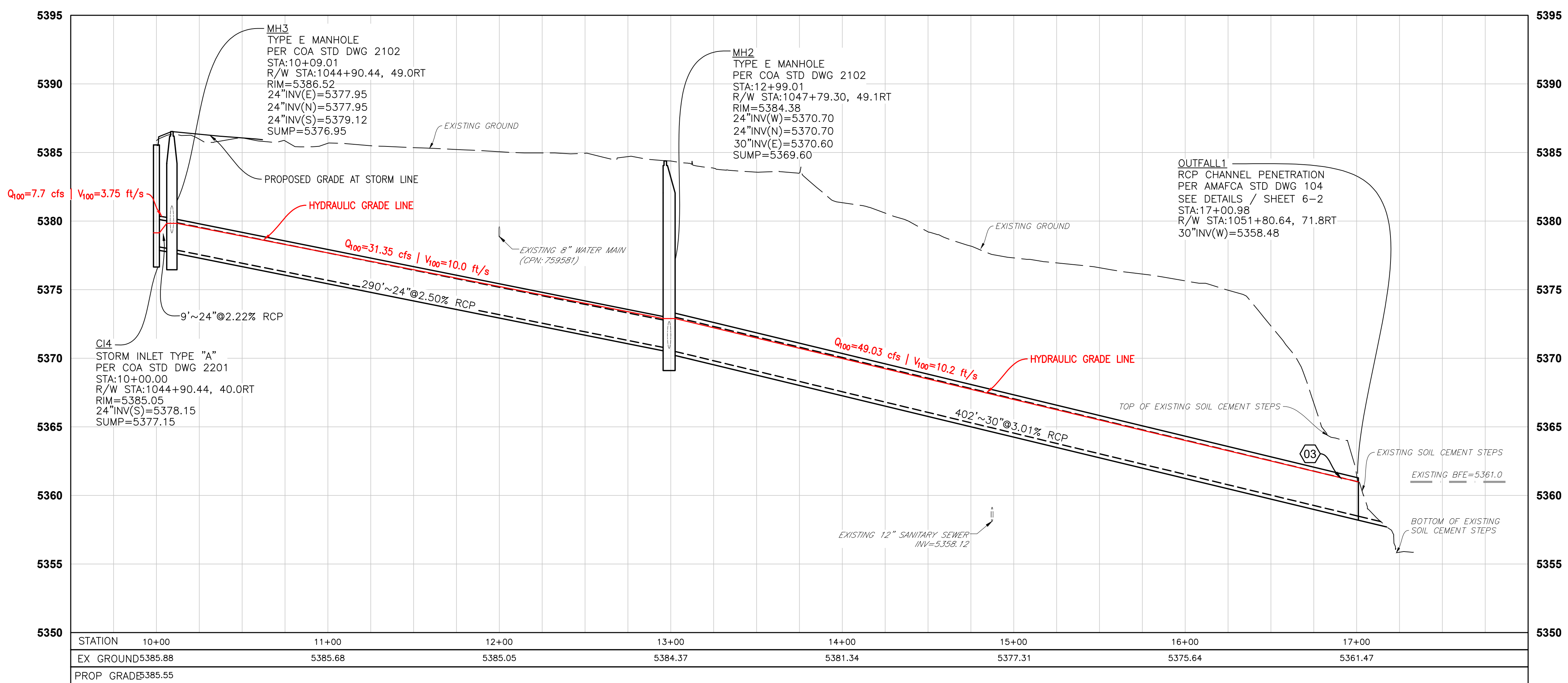


**CONSTRUCTION NOTES**

- IF PRINTED SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.
- ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.
- GATE STATIONING IS WEST MOST POINT.

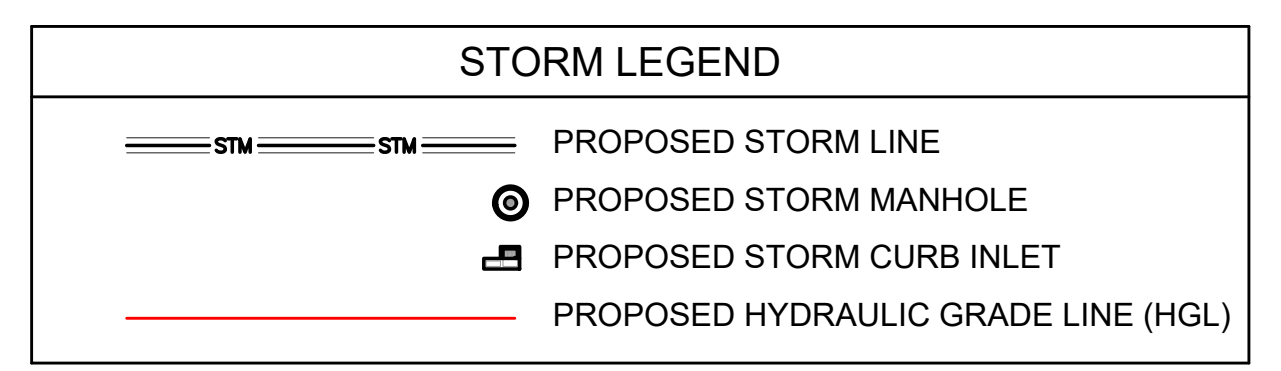


ABCWUA FACILITY:  
THERE IS AN ABCWUA FACILITY FOR INTEL THAT MAY BE IMPACTED BY THE REQUIRED STORM DRAIN TRENCHING. CONTRACTOR IS TO PROVIDE PROTECTION FOR THIS FACILITY DURING CONSTRUCTION.



**DRAINAGE PLAN KEYNOTES**

- REPAIR AND REPLACE EXISTING CURB AND PAVEMENT AS NECESSARY TO INSTALL PROPOSED STORM SEWER. SEE REMOVALS PLAN.
- REPAIR AND REPLACE CONCRETE STEPS AS NECESSARY TO INSTALL PROPOSED STORM SEWER. SEE REMOVALS PLAN.
- CONSTRUCT STORM SEWER OUTFLOW INTO CALABACILLAS ARROYO PER AMAFCA STD DWG 104, "RCP CHANNEL PENETRATION, PIPE DIAMETER >12", <45" SKEW. SEE DETAILS / SHEET 6-2
- CAP 24" STORM STORM SEWER STUB FOR FUTURE ROADWAY IMPROVEMENTS.
- PROPOSED TRENCH FOR STORM SEWER PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS SECTION 701 AND OSHA 29CFR 1926.650 SUBPART "P". SEE CROSS SECTIONS.



AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STAKED BY	DATE
FIELD ACCEPTANCE BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	DATE
RECORDED BY	DATE

BENCH MARKS	
ACS Control Monument "9-A11 2006"	Elevation = 5301.647 (NAVD 88)

SURVEY INFORMATION	
FIELD NOTES	DATE

ENGINEER'S SEAL

REVISIONS			
NO.	REMARKS	BY	DATE

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
UNIVERSE BLVD. NW TO KAYTENTA BLVD. NW  
DRAINAGE PLAN AND PROFILE

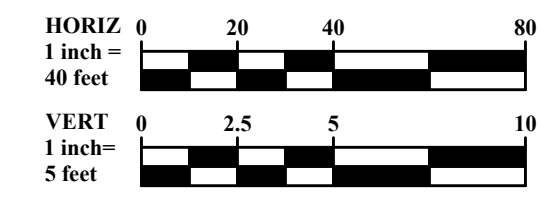
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 6-1

**VERTICAL & HORIZONTAL CONTROL:**

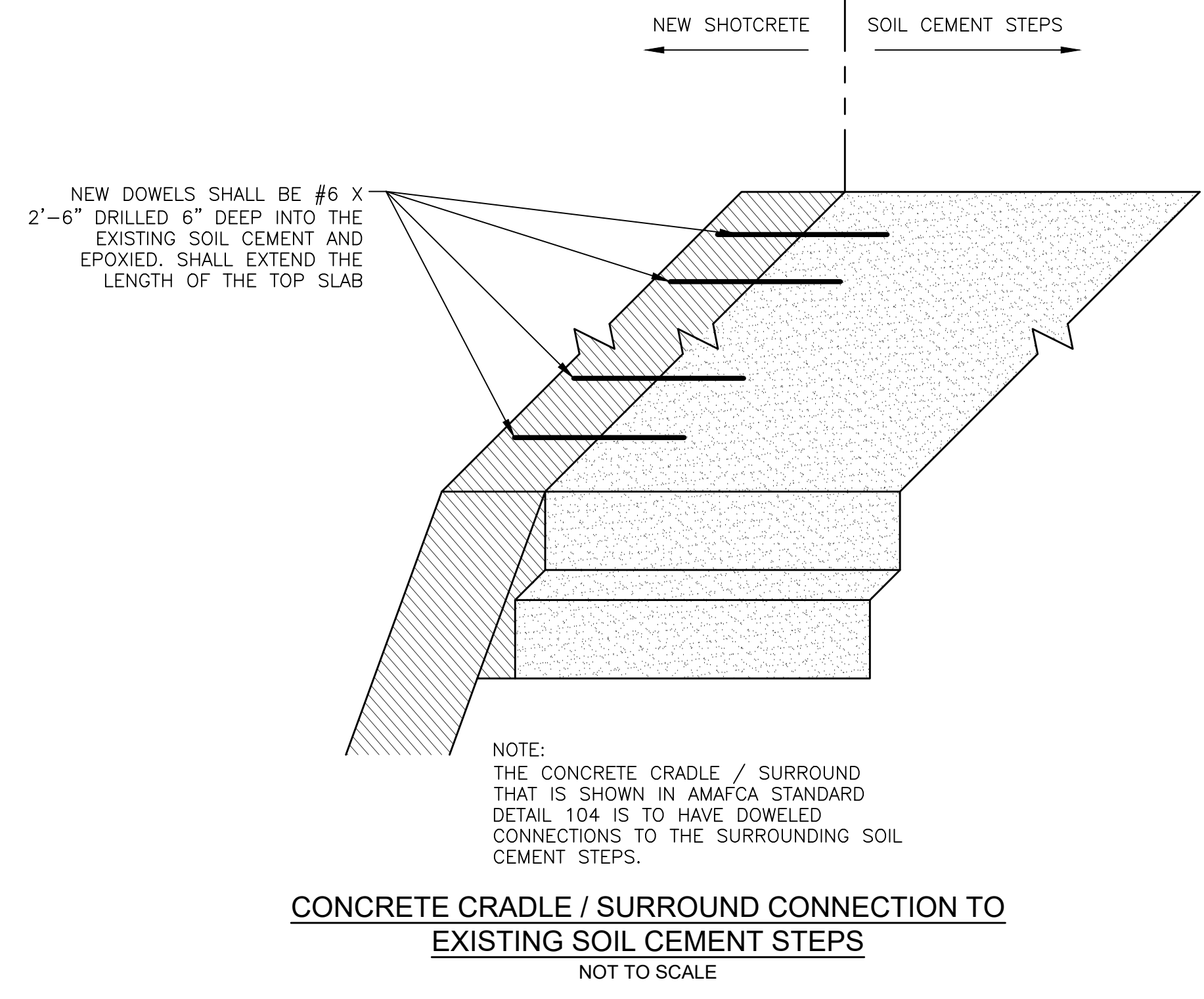
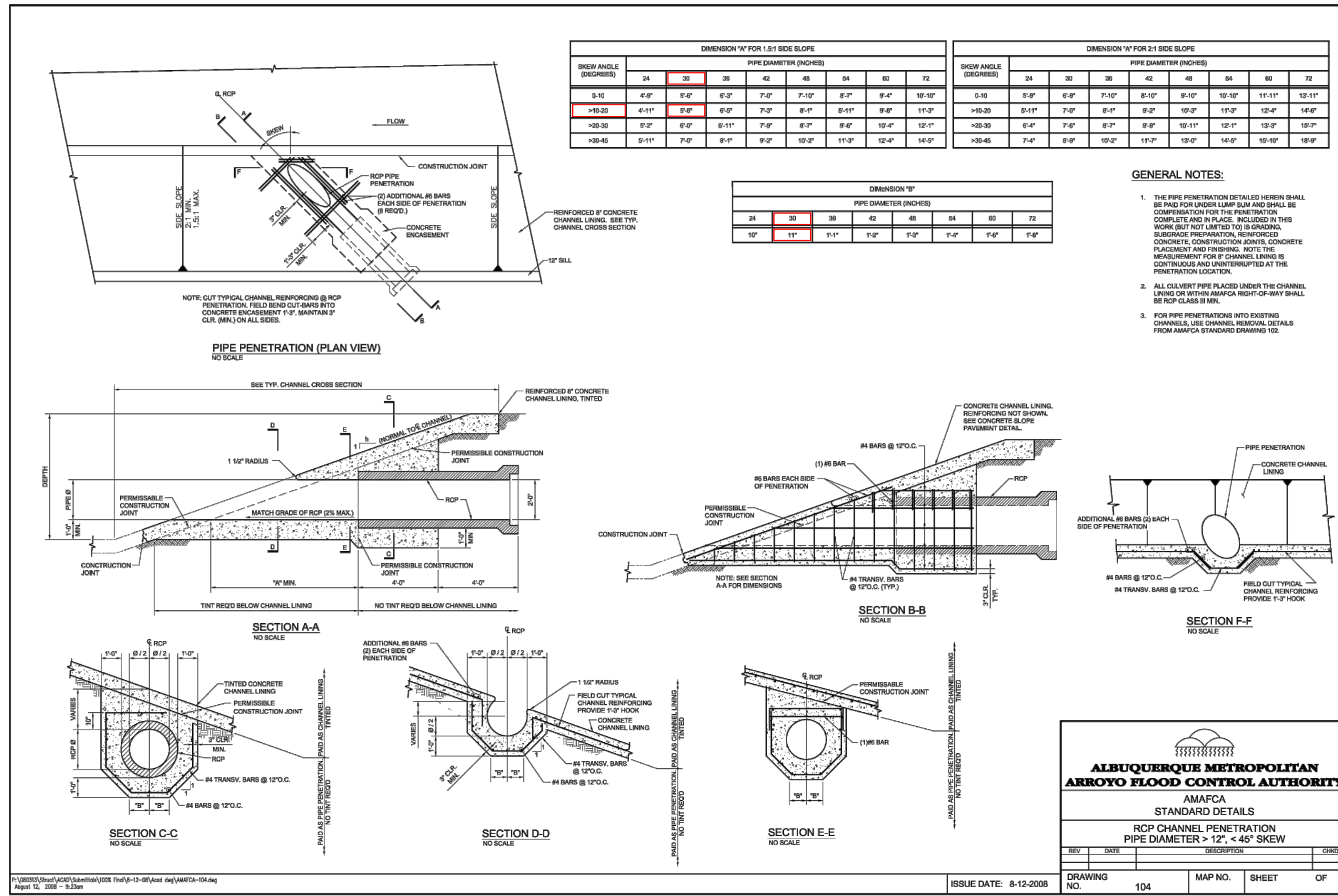
Existing conditions and topography are based on a field survey of the subject area performed and compiled by Terra Land Surveys, LLC in December 2022.  
\*Basis of Bearing: Bearings are based State Plane Coordinate System, South Zone, NAVD88.

BM#1 Description: ACS Control Monument "9-A11 2006" Elevation: 5301.647



**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859



**ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY**

AMAFCA  
STANDARD DETAILS  
RCP CHANNEL PENETRATION  
PIPE DIAMETER > 12" < 45" SKEW

ISSUE DATE: 8-12-2008

DRAWING NO. 104 MAP NO. SHEET OF

AS-BUILT INFORMATION	
CONTRACTOR	
WORK STARTED BY	
DATE	
FIELD ACCEPTANCE BY	
DATE	
DESIGNATION BY	
DATE	
DRAWINGS BY	
DATE	
CHECKED BY	
DATE	
RECORDED BY	
NO.	

BENCH MARKS	
ACS Control Monument "9-A11 2006"	
Elevation = 5301.647 (NAVD 88)	

SURVEY INFORMATION	
FIELD NOTES	
NO.	
BY	
DATE	

**ENGINEER'S SEAL**

RYAN JOSEPH MOORE, P.E.  
NEW MEXICO  
25323  
PROFESSIONAL ENGINEER

6/19/2025

REVISIONS	
NO.	BY
REMARKS	
DATE	
DESIGNED BY	MKS
DATE	06/19/2025
DRAWN BY	MKS
DATE	06/19/2025
CHECKED BY	RJM
DATE	06/19/2025

**BURKHARDT ENGINEERS + SURVEYORS**

28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0090 | BURKHARDTINC.COM  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

**CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION**

**McMAHON BOULEVARD WIDENING**  
UNIVERSE BLVD. NW TO KAYTENTA BLVD. NW  
DRAINAGE DETAILS

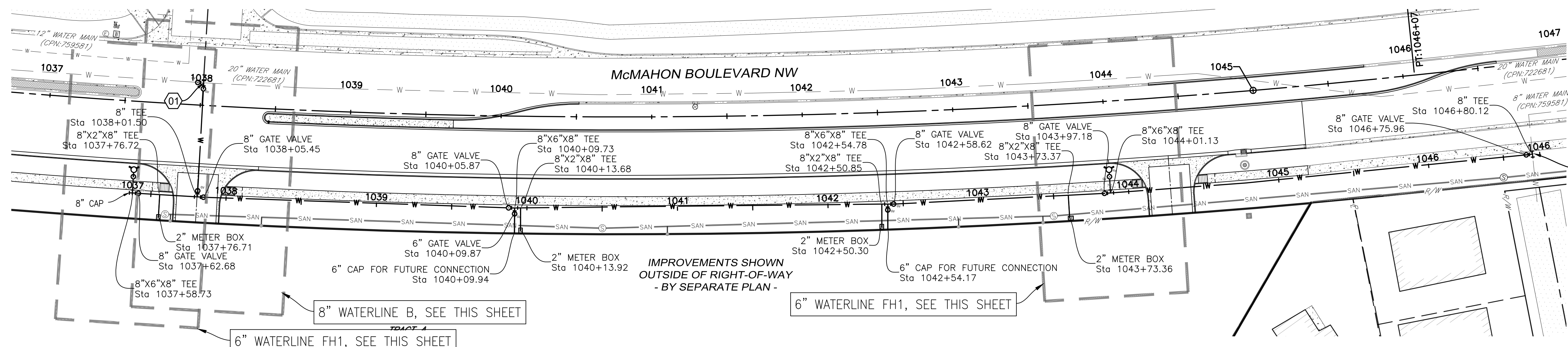
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXX Zone Map No. A-10-Z Sheet 6-2

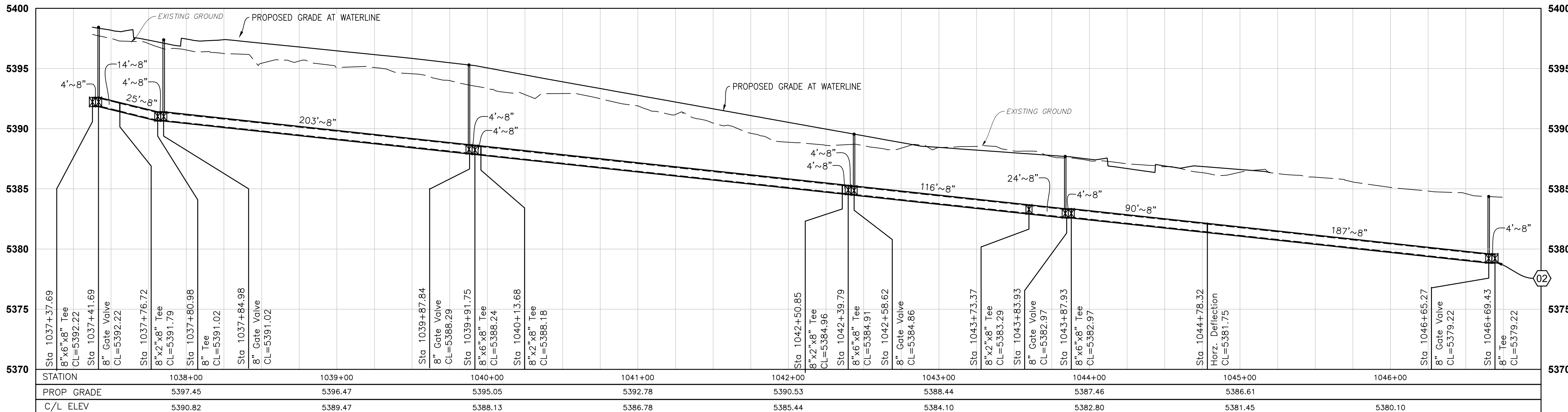
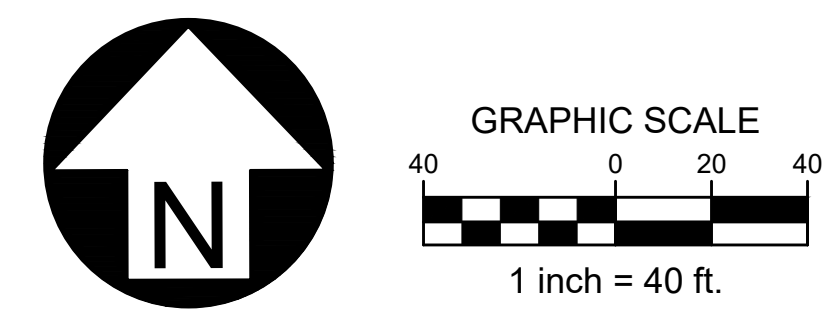
**811**  
Know what's below. Call before you dig.

**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859

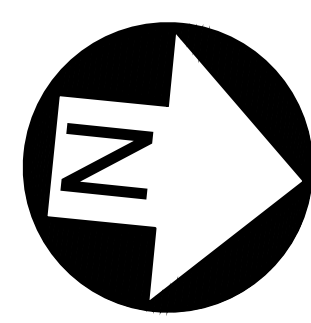
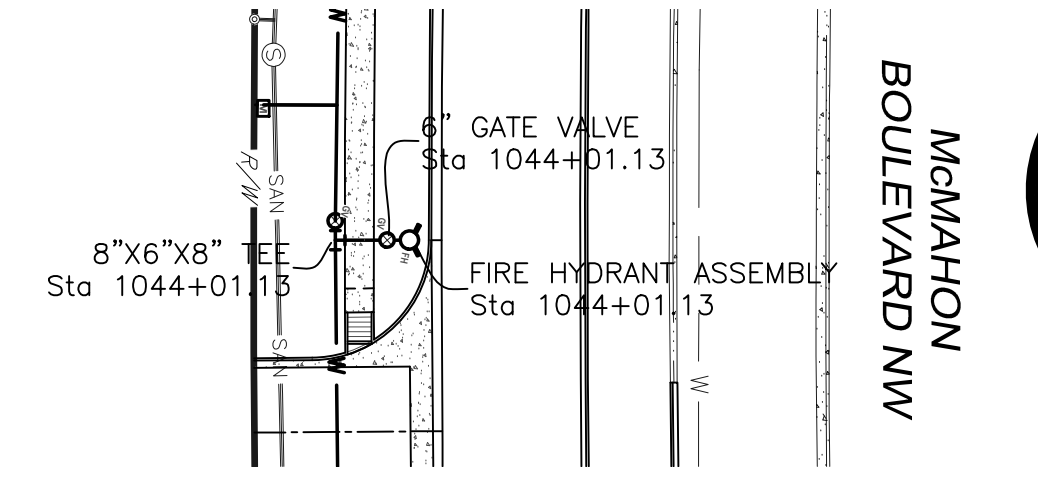
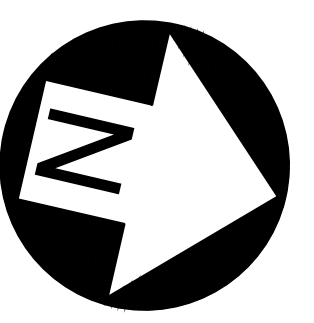
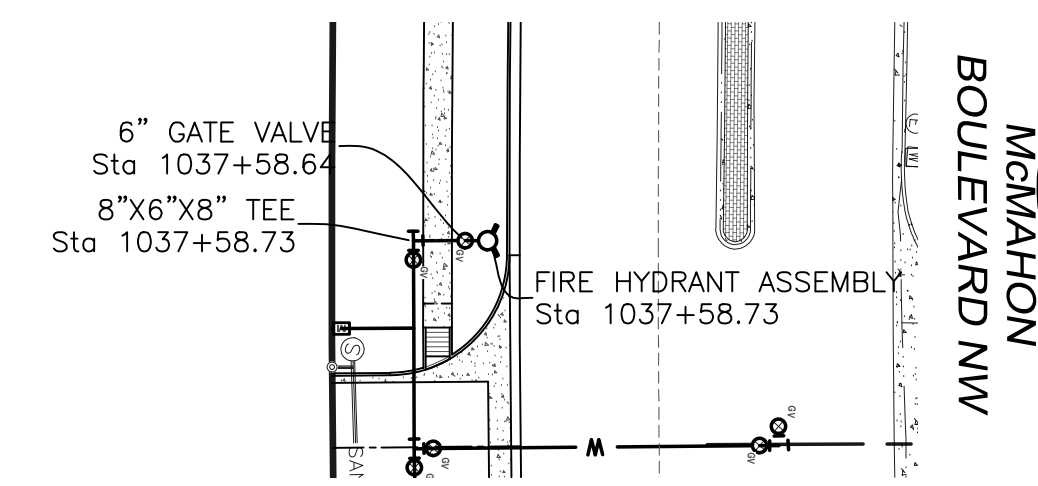
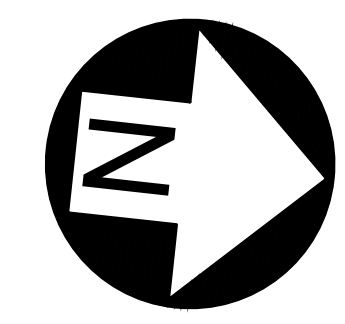
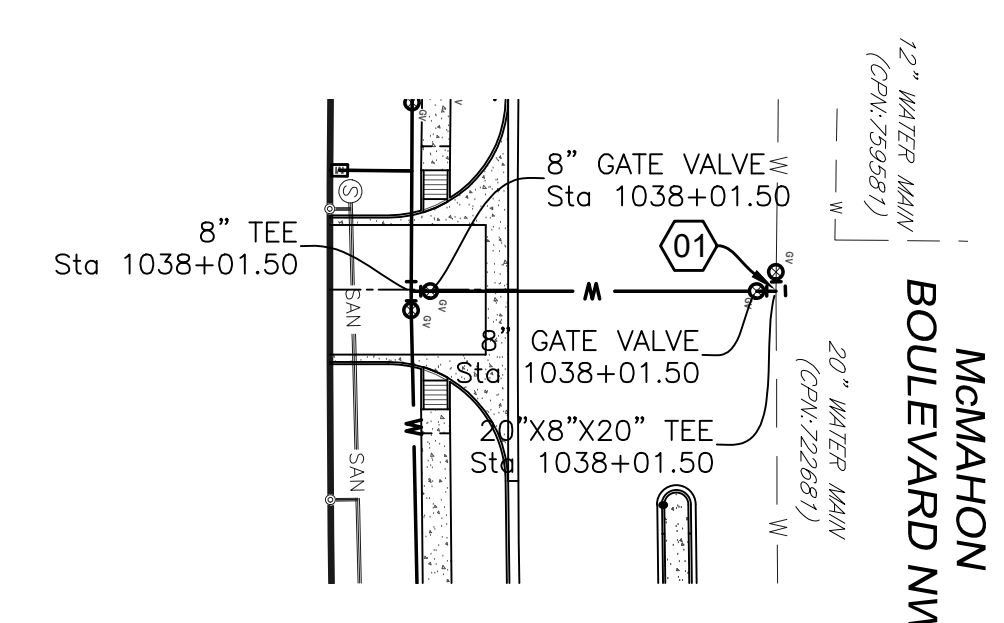
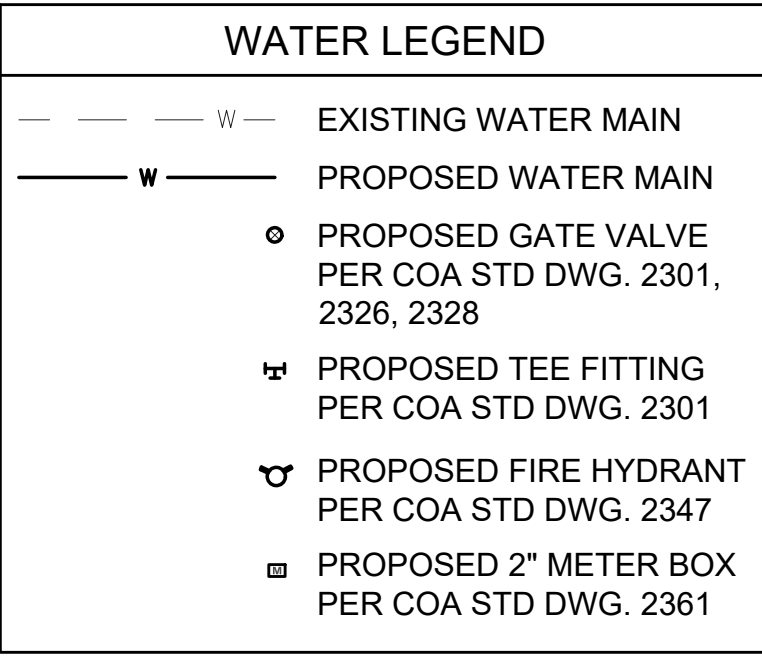


- CONSTRUCTION NOTES**
- IF PRINTED SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.
  - ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.
  - GATE STATIONING IS WEST MOST POINT.



**WATER PLAN KEYNOTES**

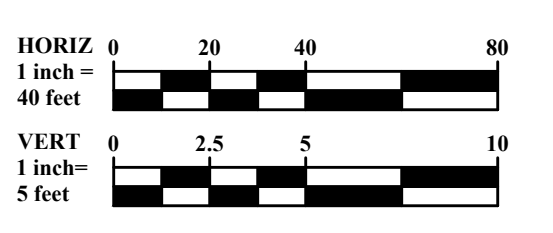
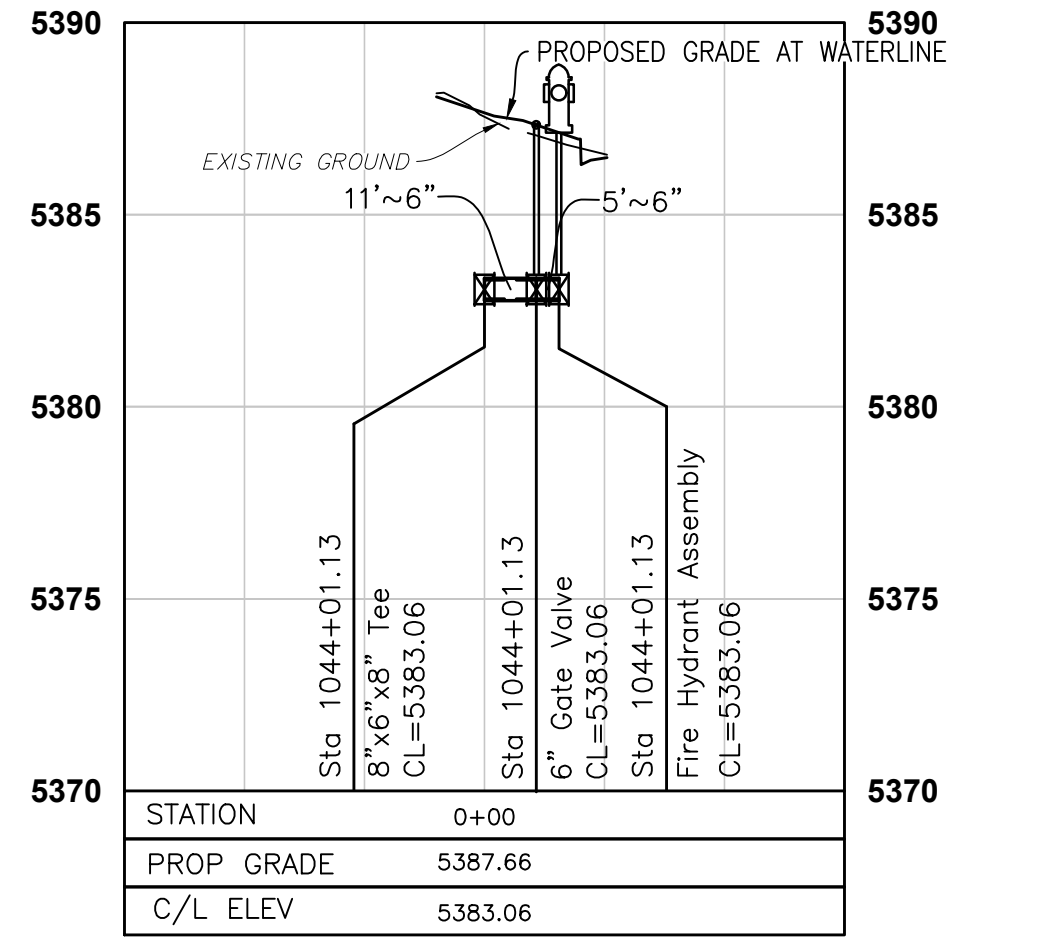
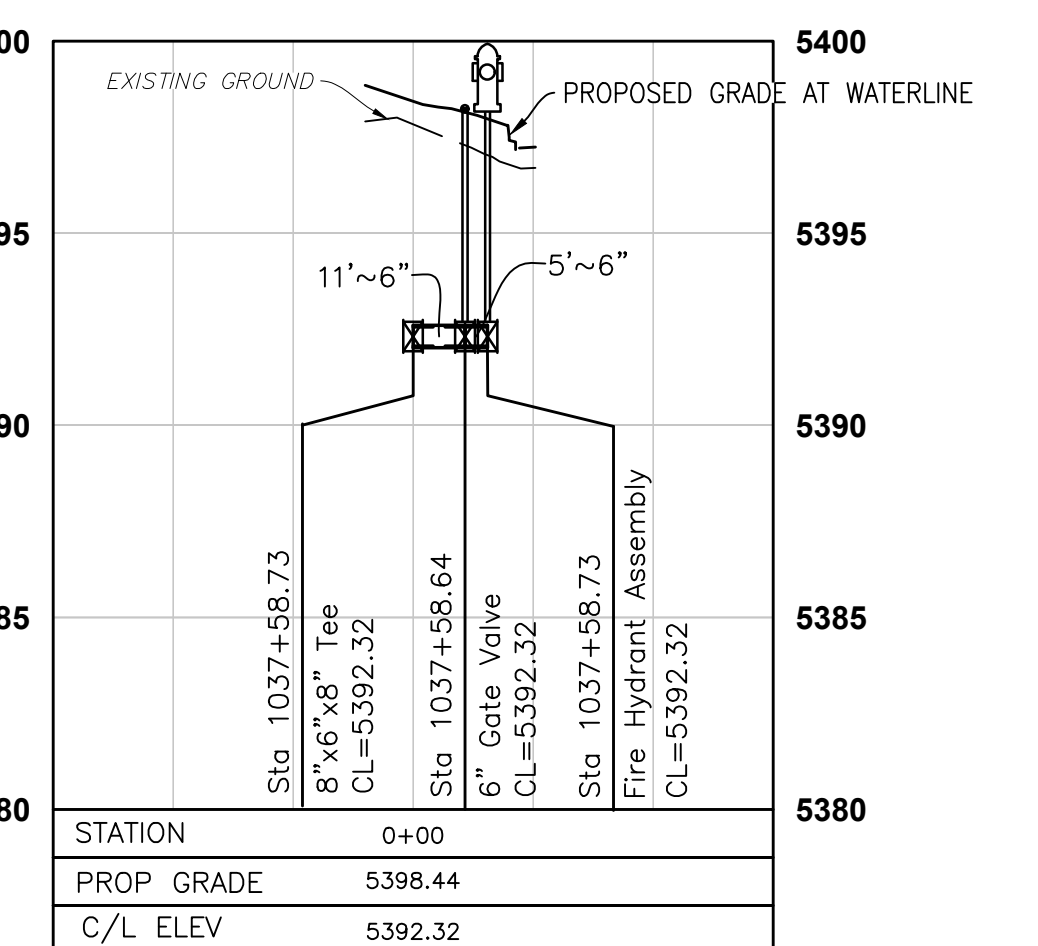
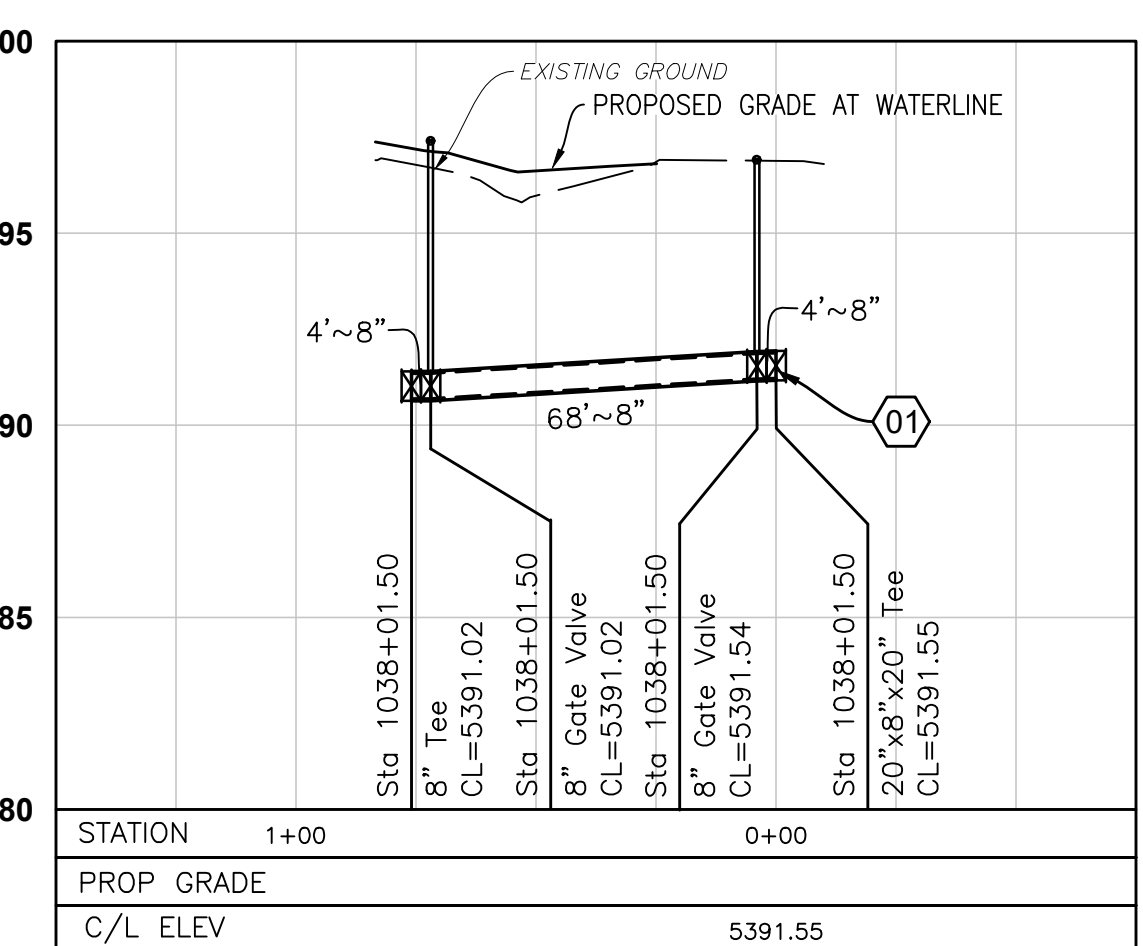
- 01 CONNECT TO EXISTING 20" WATER MAIN (CPN:722681) PER COA STD DWG 2301
- 02 CONNECT TO EXISTING 8" WATER MAIN (CPN:759581) PER COA STD DWG 2301



**VERTICAL & HORIZONTAL CONTROL:**

Existing conditions and topography are based on a field survey of the subject area performed and compiled by Terra Land Surveys, LLC in December 2022.  
\*Basis of Bearing: Bearings are based State Plane Coordinate System, South Zone, NAVD88.

BM#1 Description: ACS Control Monument "9-A11 2006"  
Elevation: 5301.647



**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR / UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
WATER MAIN PLAN AND PROFILE  
BOP TO STA 1036+00.00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 7-1

**AS-BUILT INFORMATION**

CONTRACTOR	DATE

**BENCH MARKS**

WORK STAKED BY	DATE
FIELD ACCEPTANCE BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	DATE

**SURVEY INFORMATION**

FIELD NOTES	DATE

**ENGINEER'S SEAL**

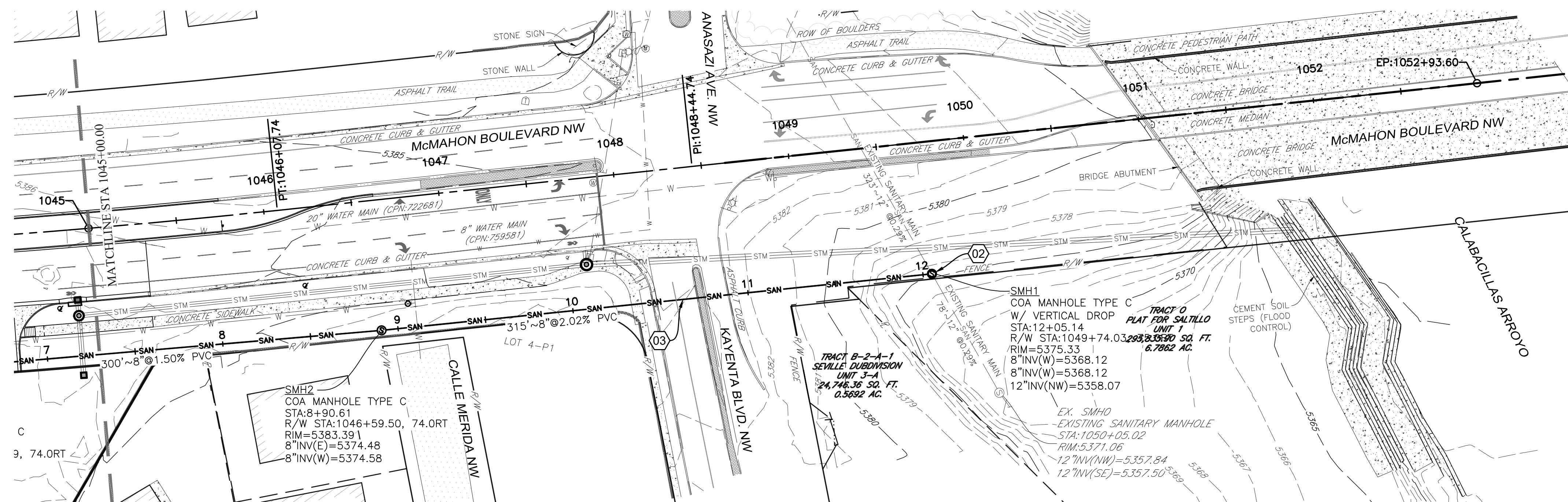
Professional Engineer  
New Mexico  
25323  
6/19/2025

**REVISIONS**

NO.	DATE	REMARKS	BY

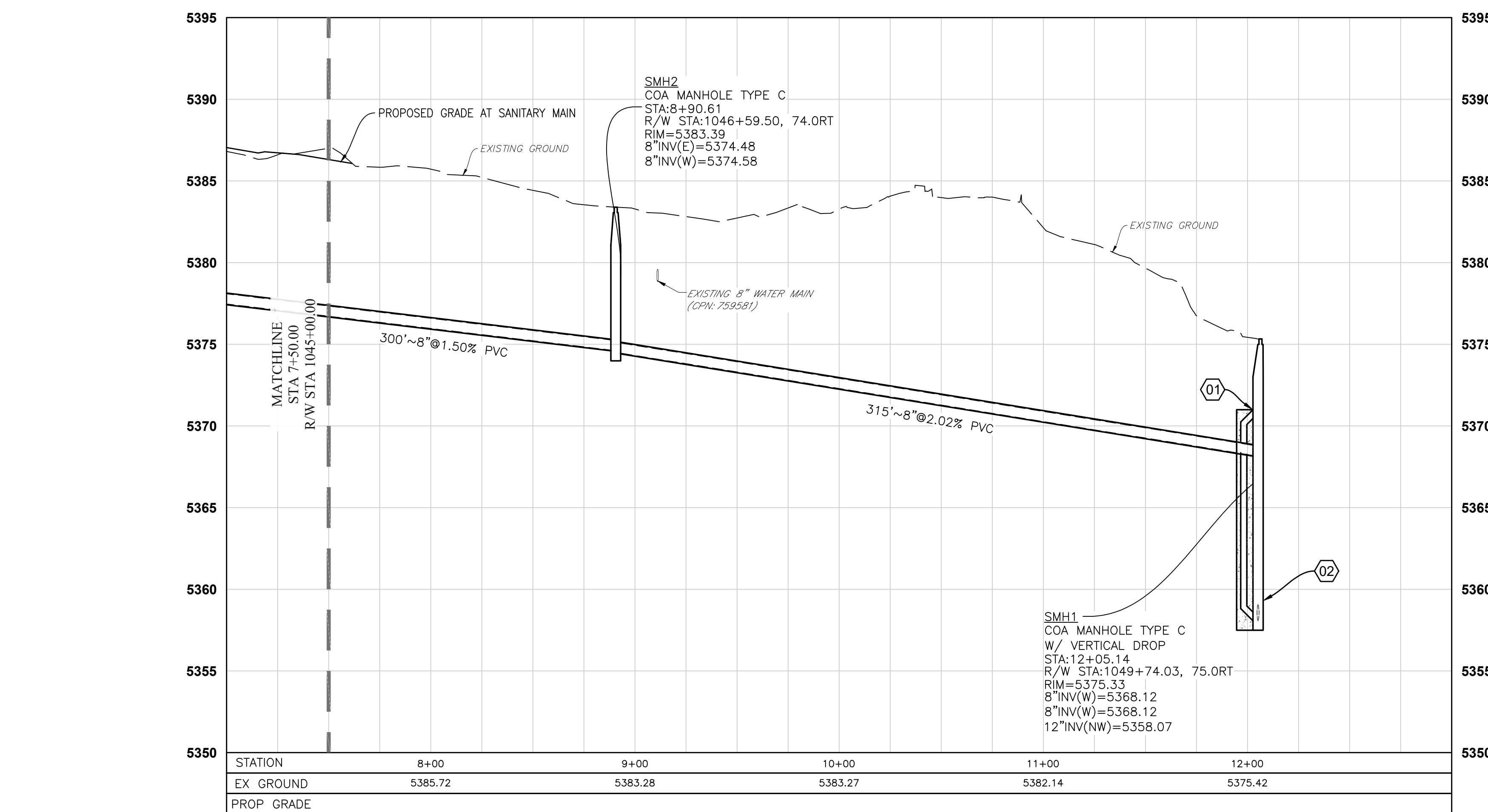
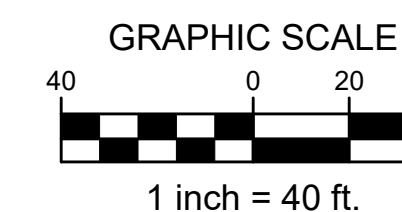
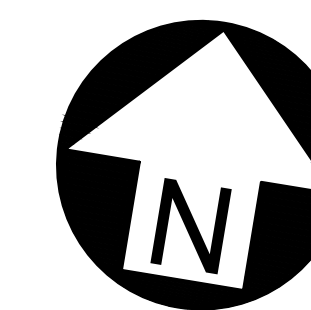






**CONSTRUCTION NOTES**

- IF PRINTED SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.
- ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.
- GATE STATIONING IS WEST MOST POINT.



**SANITARY PLAN KEYNOTES**

- 01 VERTICAL DROP AT MANHOLE PER COA DWG 2116
- 02 CONNECT TO 12" SANITARY MAIN. CONSTRUCT "DOG HOUSE" STYLE MANHOLE.
- 03 REPAIR AND REPLACE EXISTING CURB AND PAVEMENT AS NECESSARY TO INSTALL PROPOSED STORM SEWER. SEE REMOVALS PLAN.

SANITARY LEGEND			
— SAN —	EXISTING SANITARY MAIN	⊙	EXISTING SANITARY MANHOLE
— SAN — SAN	PROPOSED SANITARY MAIN	⊙	PROPOSED SANITARY MANHOLE

**BURKHARDT**  
ENGINEERS + SURVEYORS  
28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0090 | BURKHARDTINC.COM  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
SANITARY SEWER EXTENSION  
SANITARY SEWER PLAN AND PROFILE

Design	Review	Committee	City Engineer	Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 7-3

AS-BUILT INFORMATION	
CONTRACTOR	
WORK STARTED BY	
DATE	
FIELD ACCEPTANCE BY	
DATE	
DRAWINGS BY	
DATE	
CORRECTED BY	
DATE	
MICRO-FILM INFORMATION	
RECORDED BY	
NO.	

BENCH MARKS	
ACS Control Monument "9-A11 2006"	
Elevation = 5301.647 (NAVD 88)	

SURVEY INFORMATION	
FIELD NOTES	
NO.	
BY	
DATE	

ENGINEER'S SEAL

6/19/2025

REVISIONS	
NO.	REMARKS
BY	
DATE	

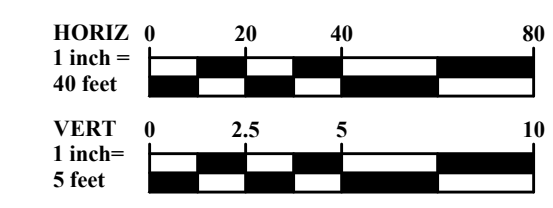
**VERTICAL & HORIZONTAL CONTROL:**

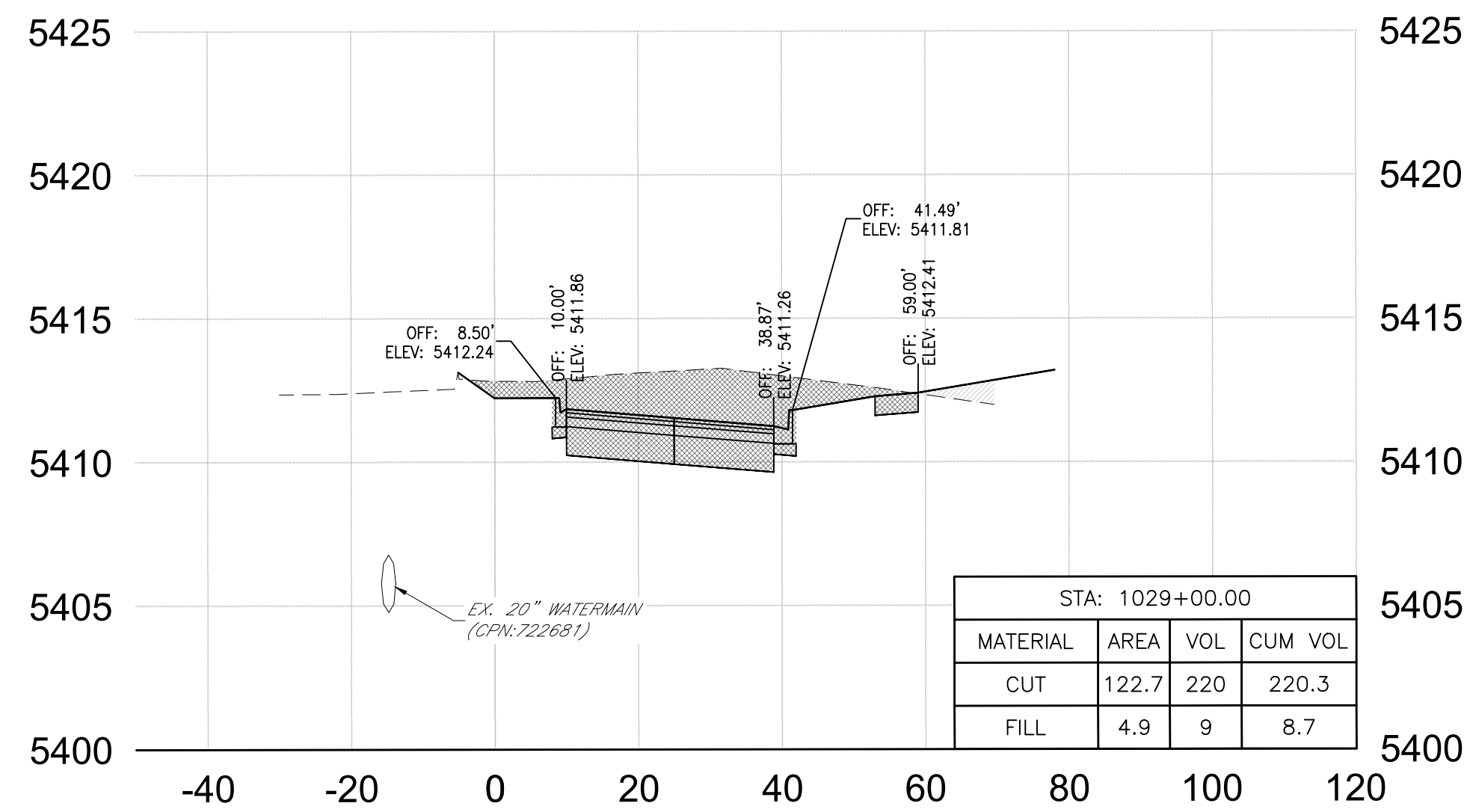
Existing conditions and topography are based on a field survey of the subject area performed and compiled by Terra Land Surveys, LLC in December 2022.  
\*Basis of Bearing: Bearings are based State Plane Coordinate System, South Zone, NAVD88.

BM#1 Description: ACS Control Monument "9-A11 2006"  
Elevation: 5301.647

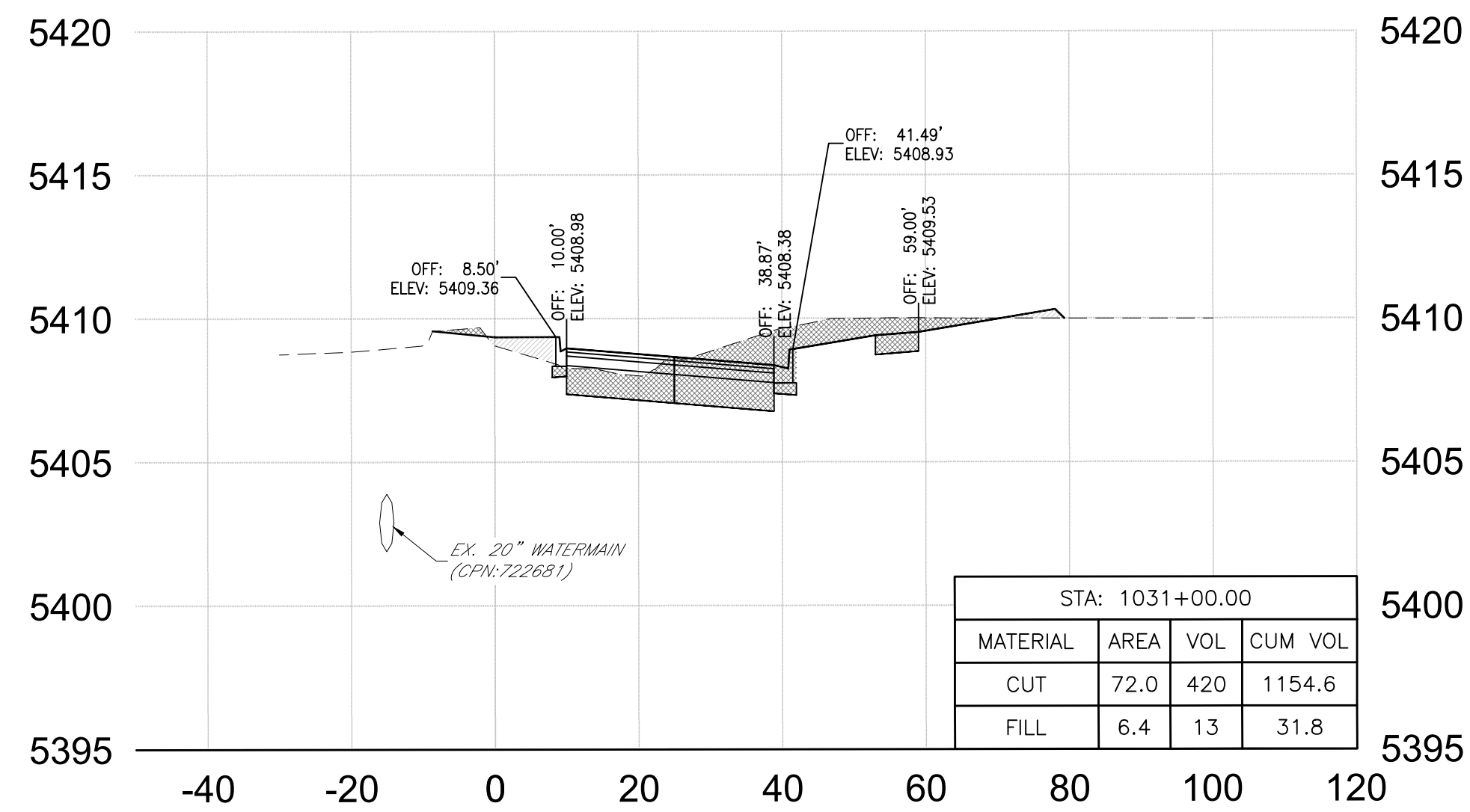
**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859

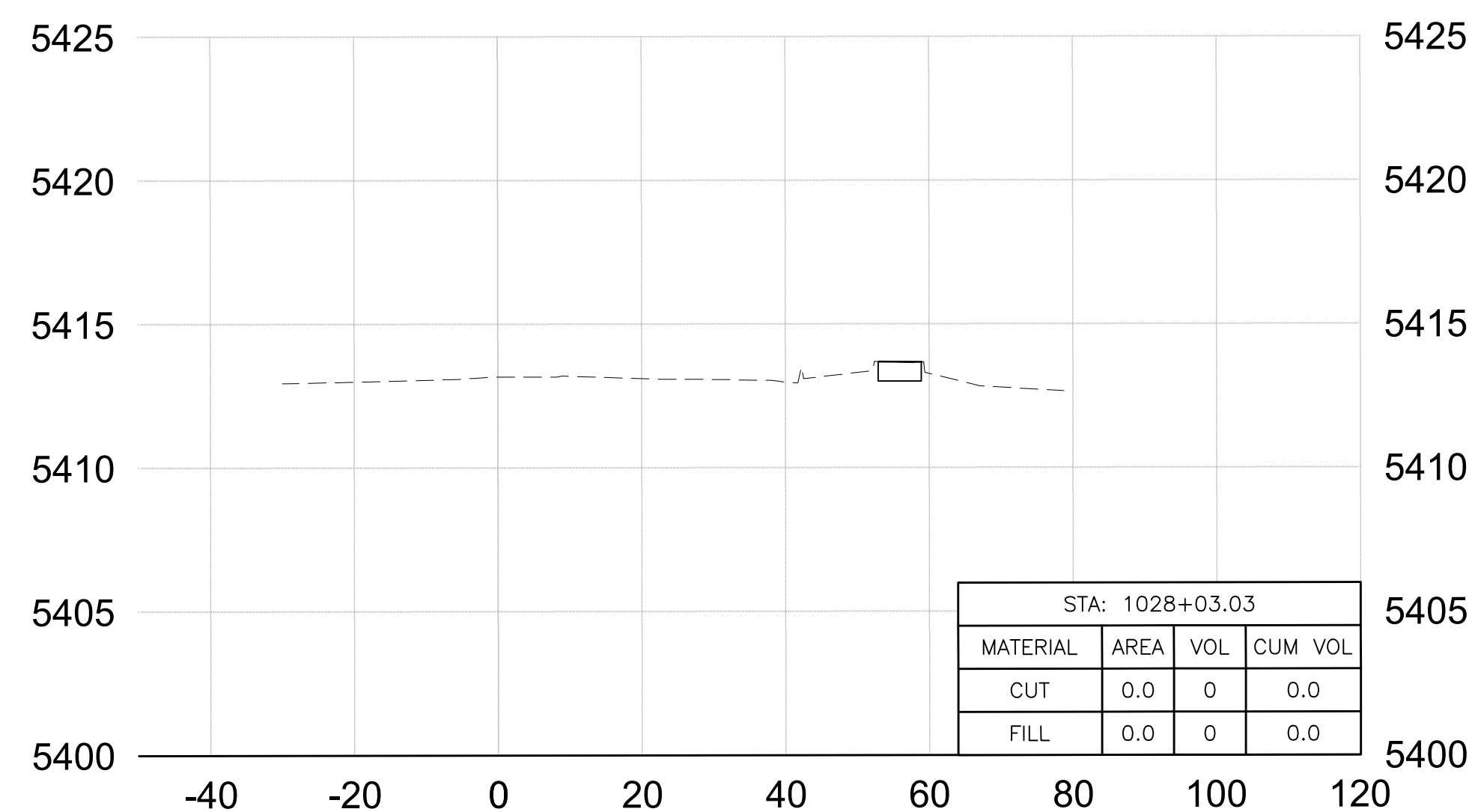




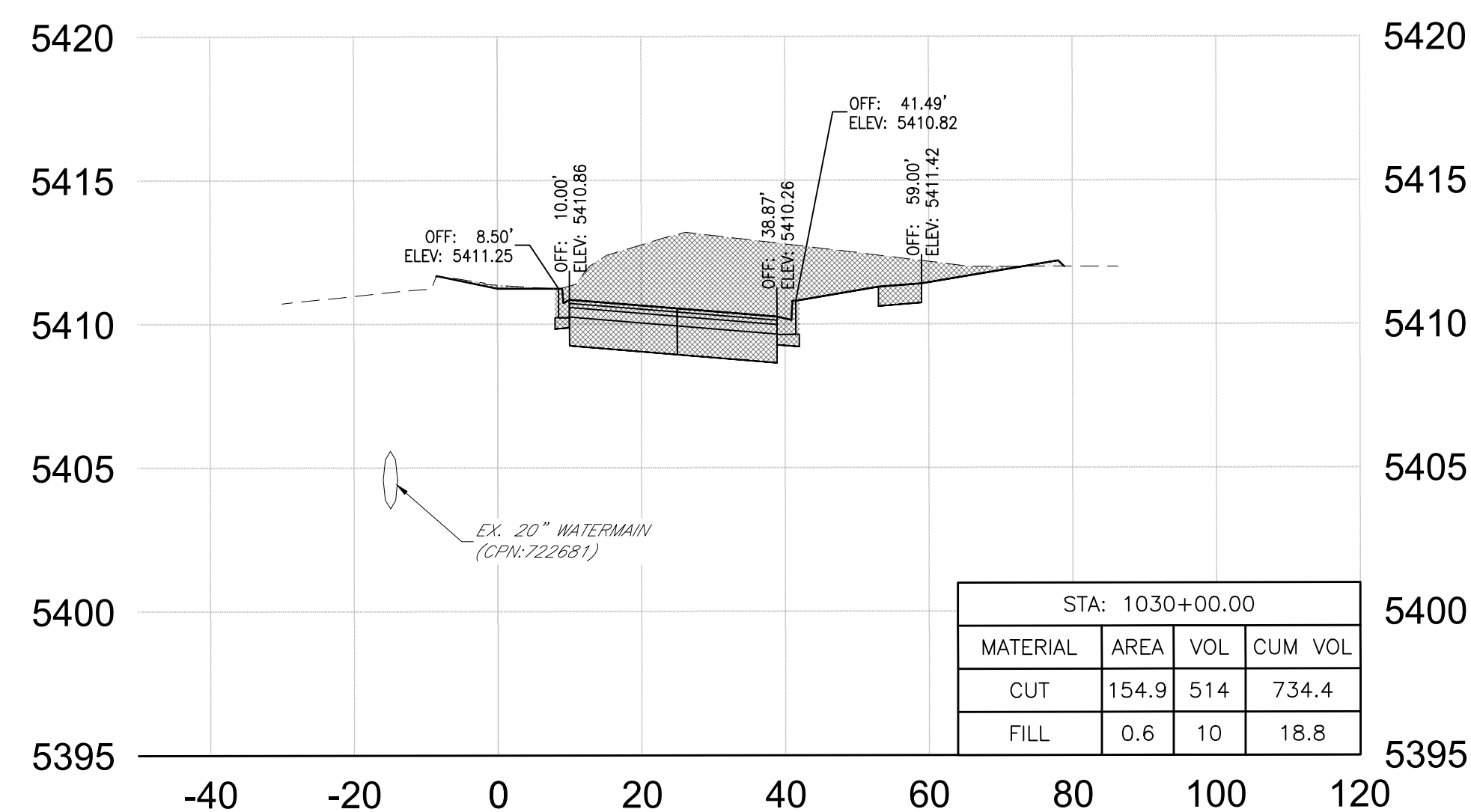
Sta: 1029+00.00



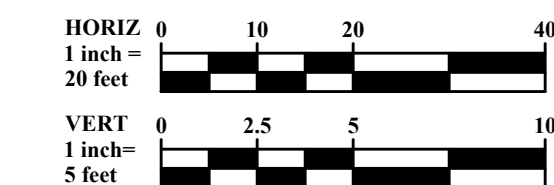
Sta: 1031+00.00



Sta: 1028+03.03



Sta: 1030+00.00



CITY OF ALBUQUERQUE  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 ENGINEERING DIVISION

McMAHON BOULEVARD WIDENING  
 CROSS SECTIONS  
 STA 1036+00.00 TO STA 1045+00.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

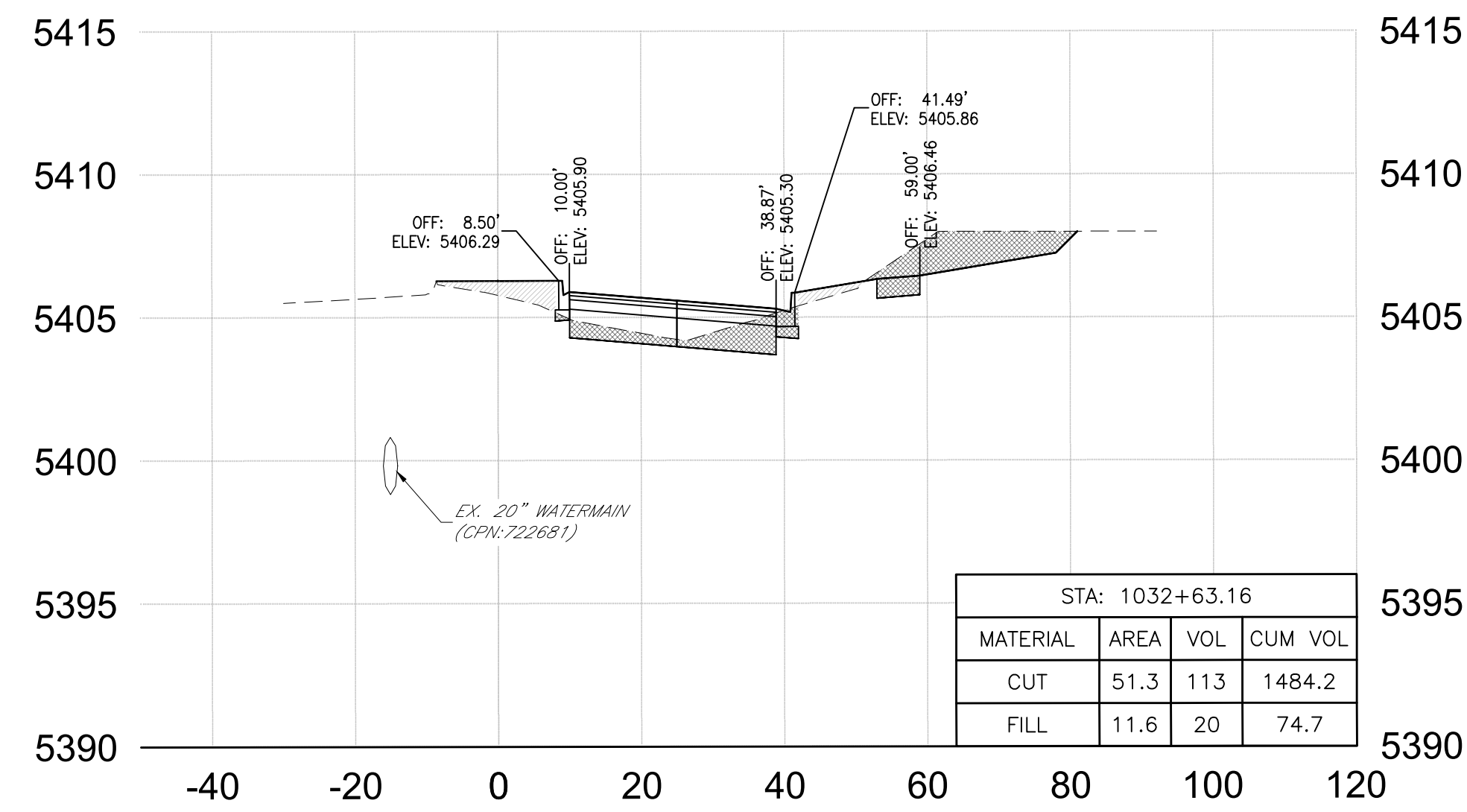
City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 13-1

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		REMARKS	
CONTRACTOR		ACS Control Monument "9-A11 2006"		NO.	BY		6/19/2025				
WORK STAKED BY		Elevation = 5301.647 (NAVD 88)		DATE				DESIGNED BY	MKS	DATE	06/19/2025
FIELD ACCEPTANCE BY						DRAWN BY	MKS	DATE	06/19/2025		
FIELD CORRECTION BY						CHECKED BY	RJM	DATE	06/19/2025		
MICRO-FILM INFORMATION											

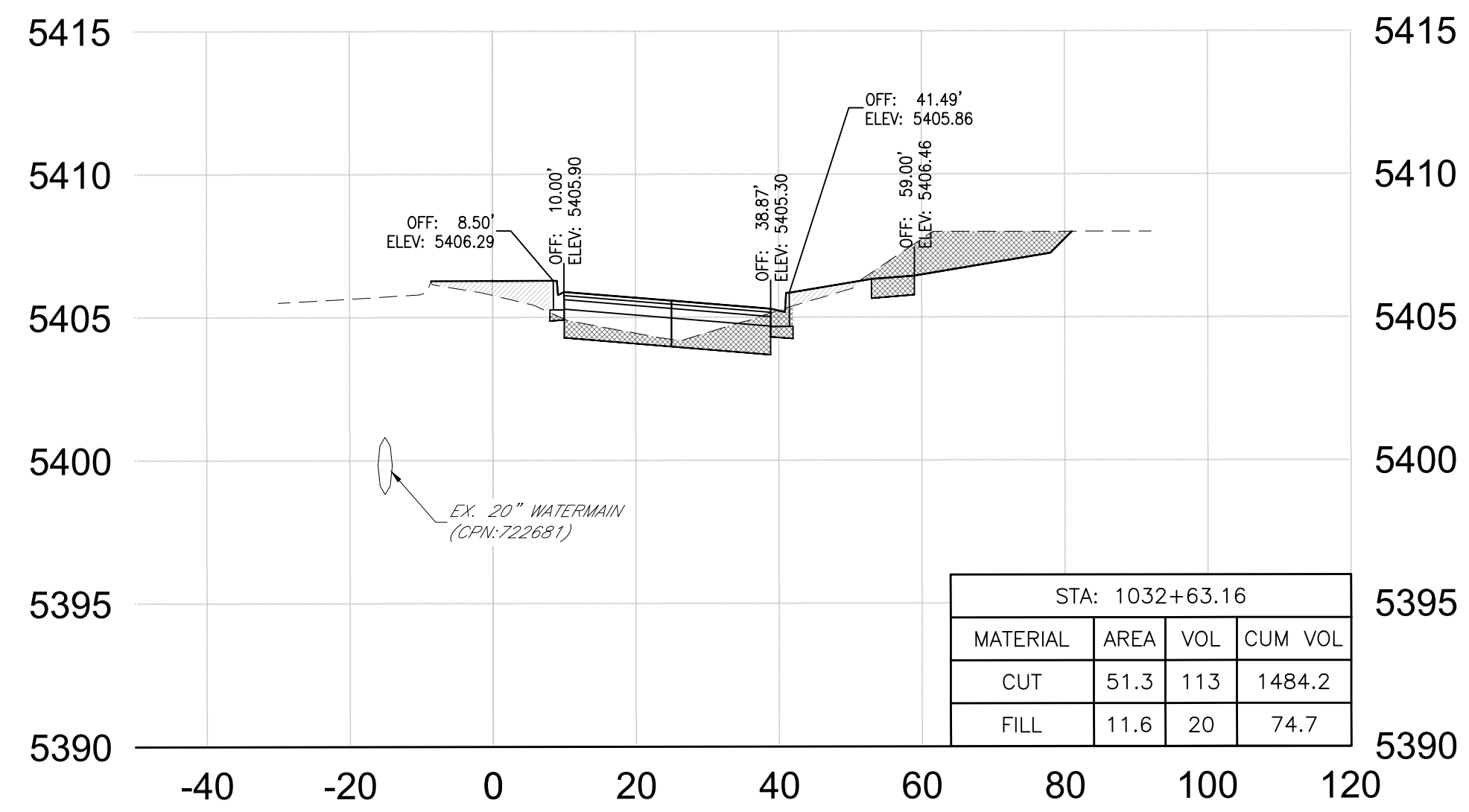


**TAKE CAUTION DURING EXCAVATION:**  
 THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

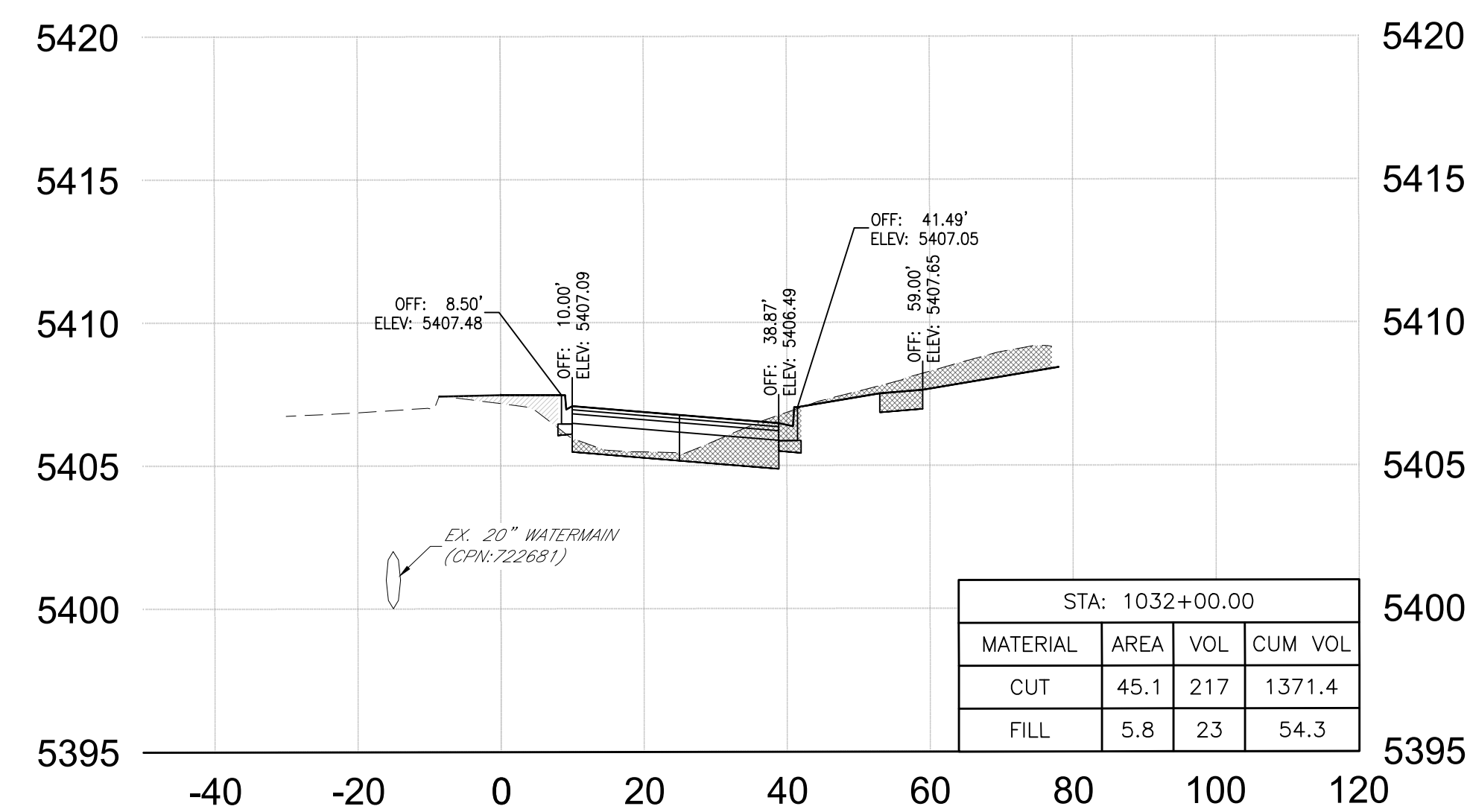
NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859



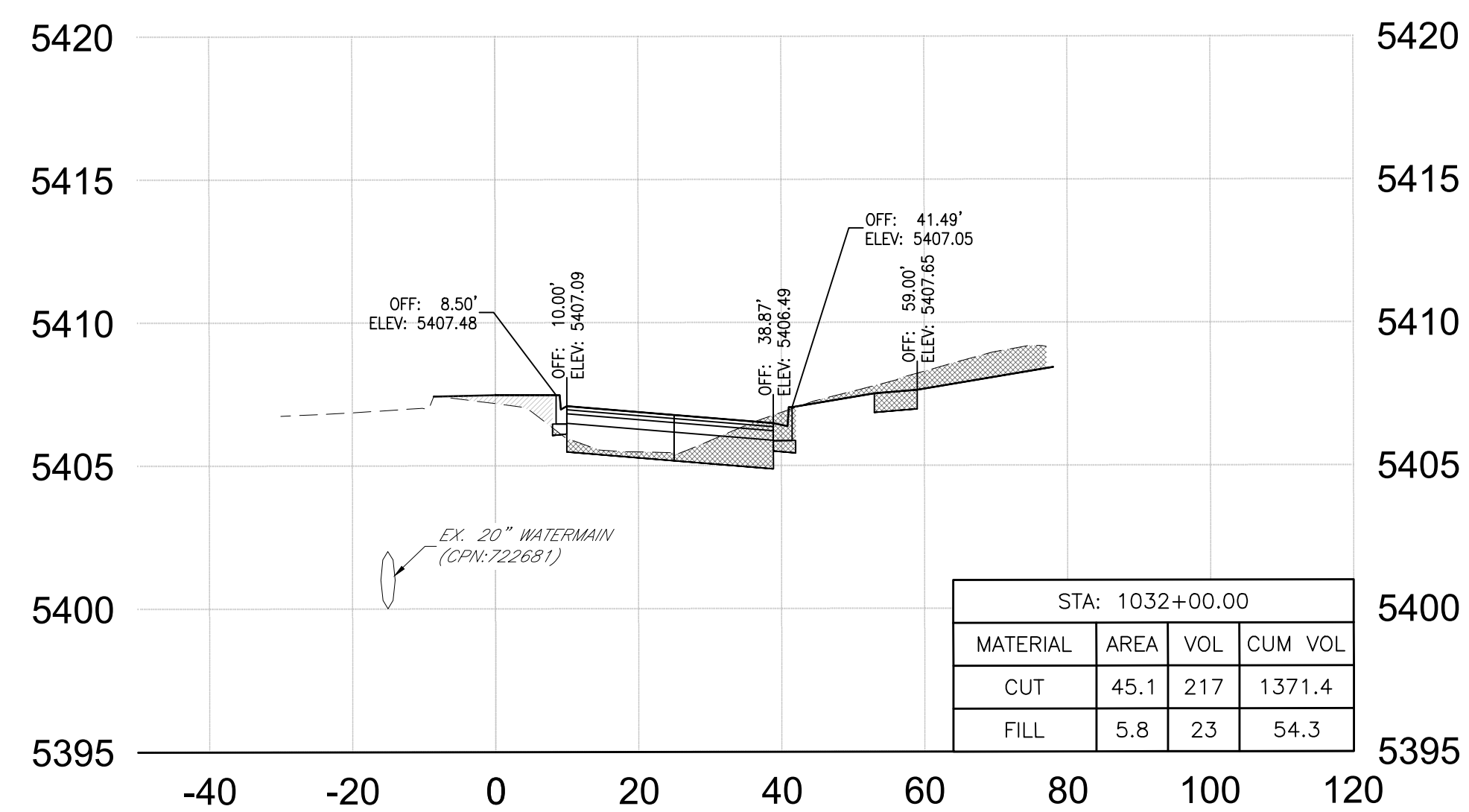
Sta: 1032+63.16



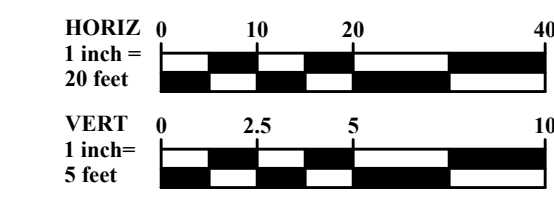
Sta: 1032+63.16



Sta: 1032+00.00



Sta: 1032+00.00



CITY OF ALBUQUERQUE  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 ENGINEERING DIVISION

McMAHON BOULEVARD WIDENING  
 CROSS SECTIONS  
 STA 1036+00.00 TO STA 1045+00.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

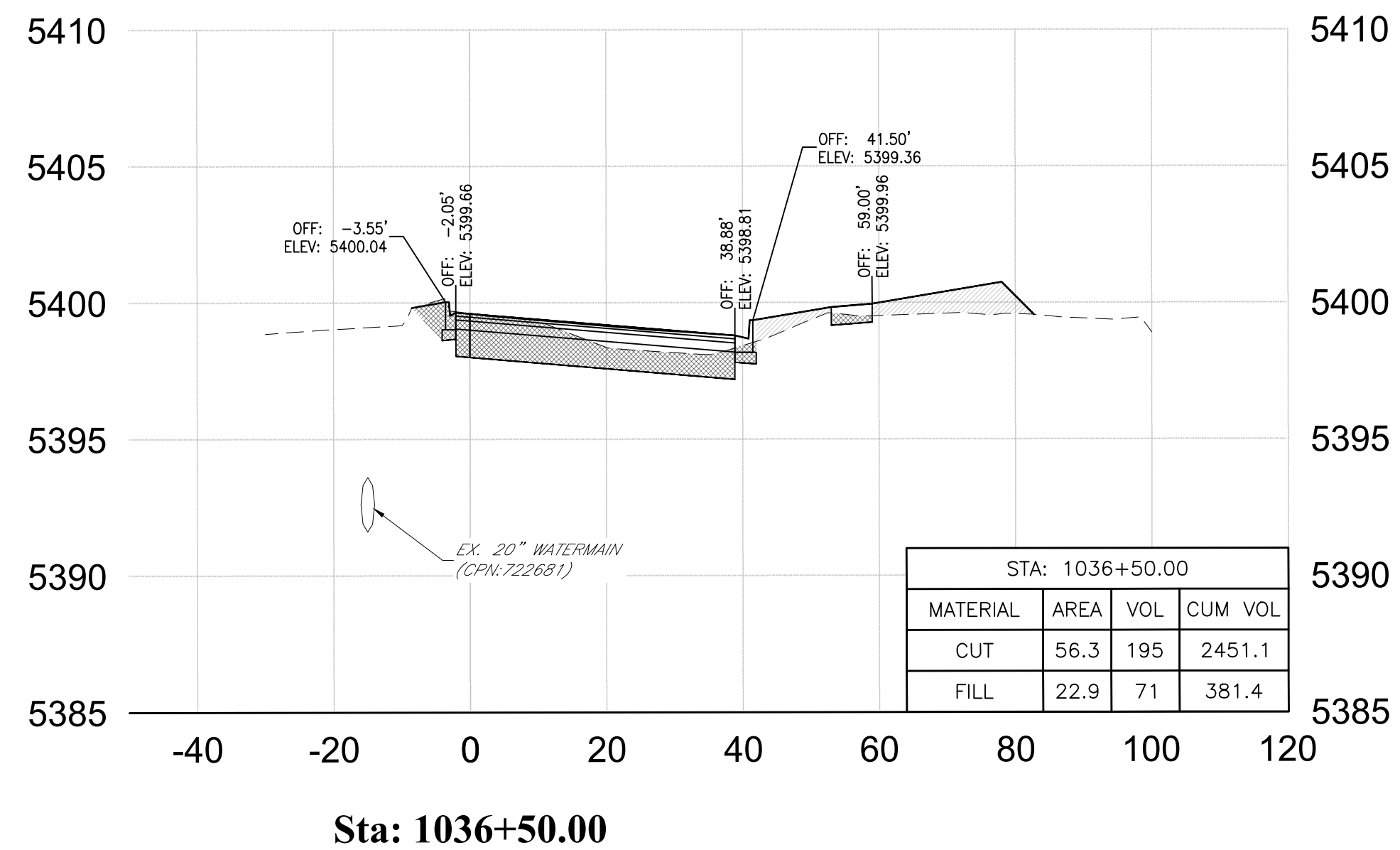
City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 13-2

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		REMARKS	
CONTRACTOR		ACS Control Monument "9-A11 2006"		DATE	BY						
WORK STAKED BY		Elevation = 5301.647 (NAVD 88)									
DATE											
FIELD ACCEPTANCE BY											
DATE											
FIELD DRAWN BY											
DATE											
DRAWINGS CORRECTED BY											
DATE											
MICRO-FILM INFORMATION											
NO.											

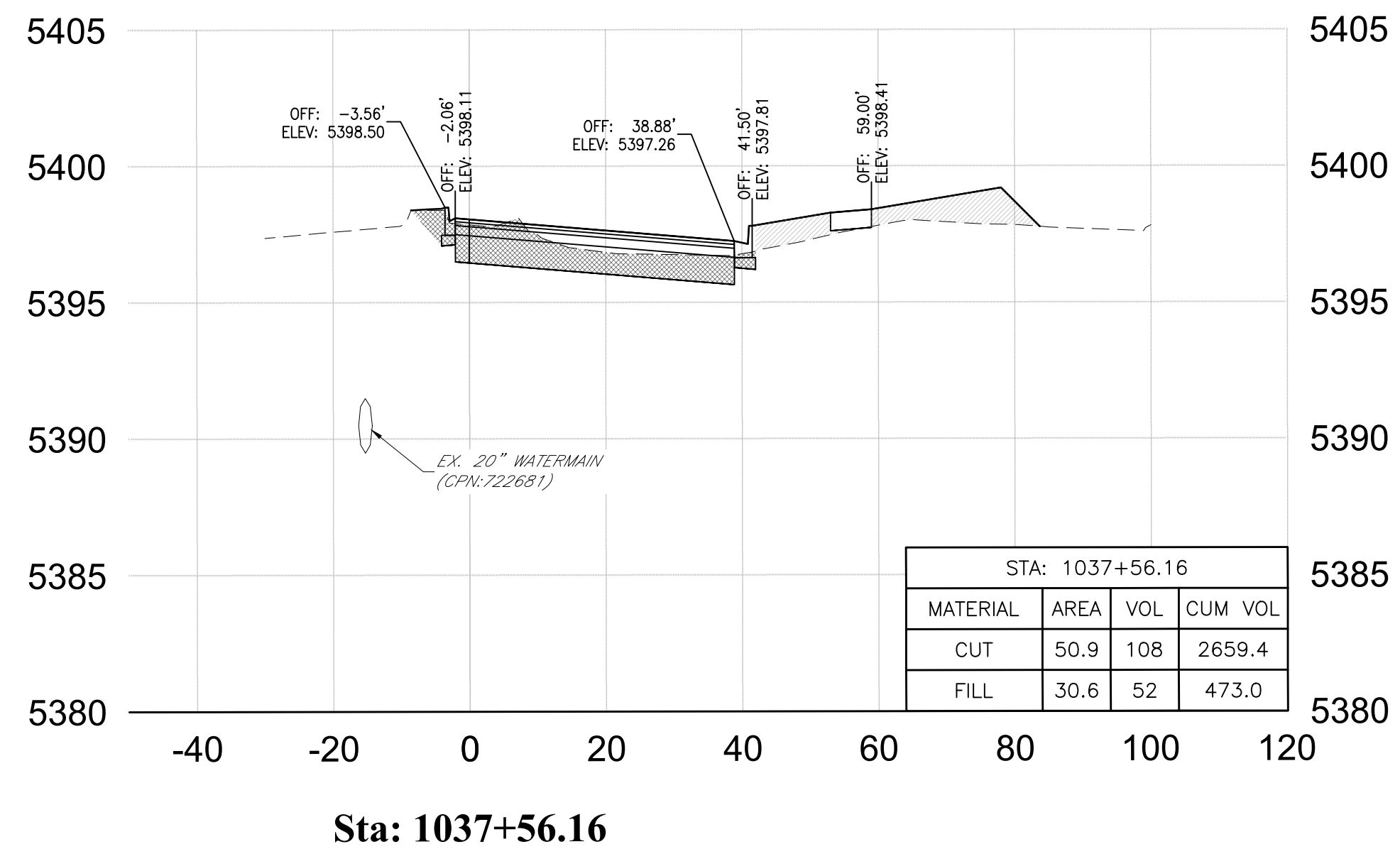


**TAKE CAUTION DURING EXCAVATION:**  
 THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

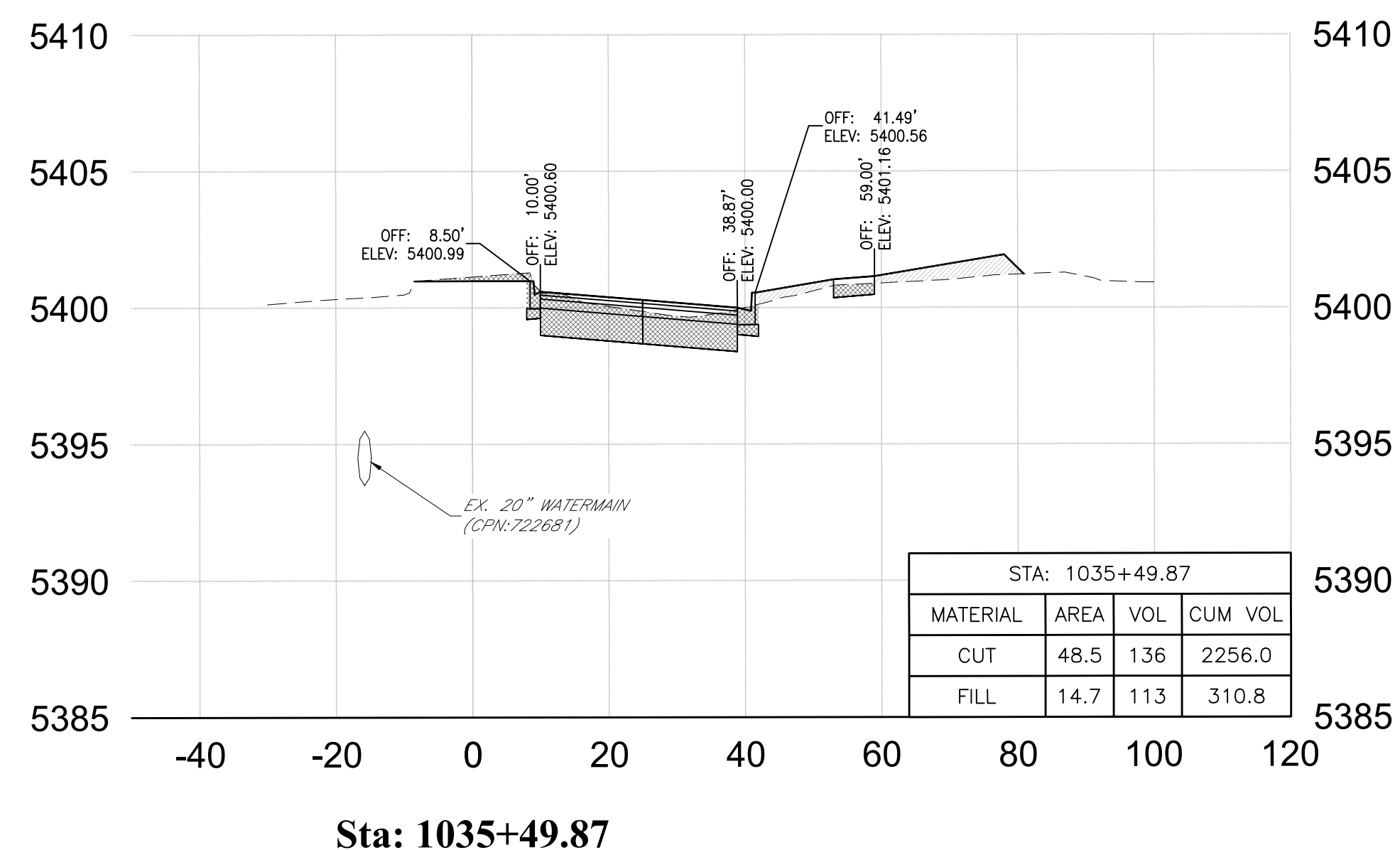
NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859



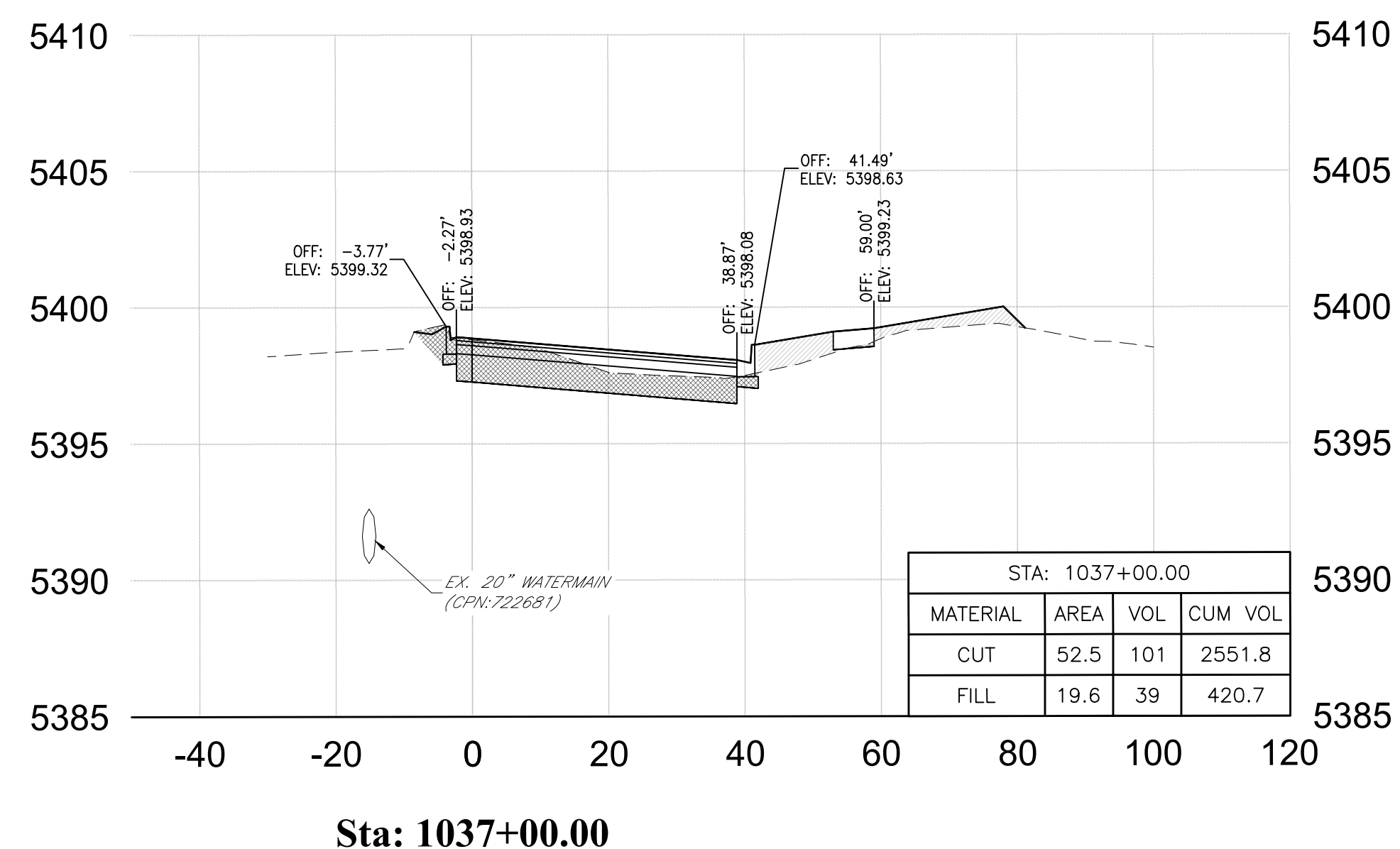
Sta: 1036+50.00



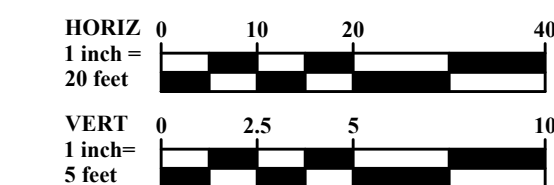
Sta: 1037+56.16



Sta: 1035+49.87



Sta: 1037+00.00



CITY OF ALBUQUERQUE  
 DEPARTMENT OF MUNICIPAL DEVELOPMENT  
 ENGINEERING DIVISION

McMAHON BOULEVARD WIDENING  
 CROSS SECTIONS  
 STA 1036+00.00 TO STA 1045+00.00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

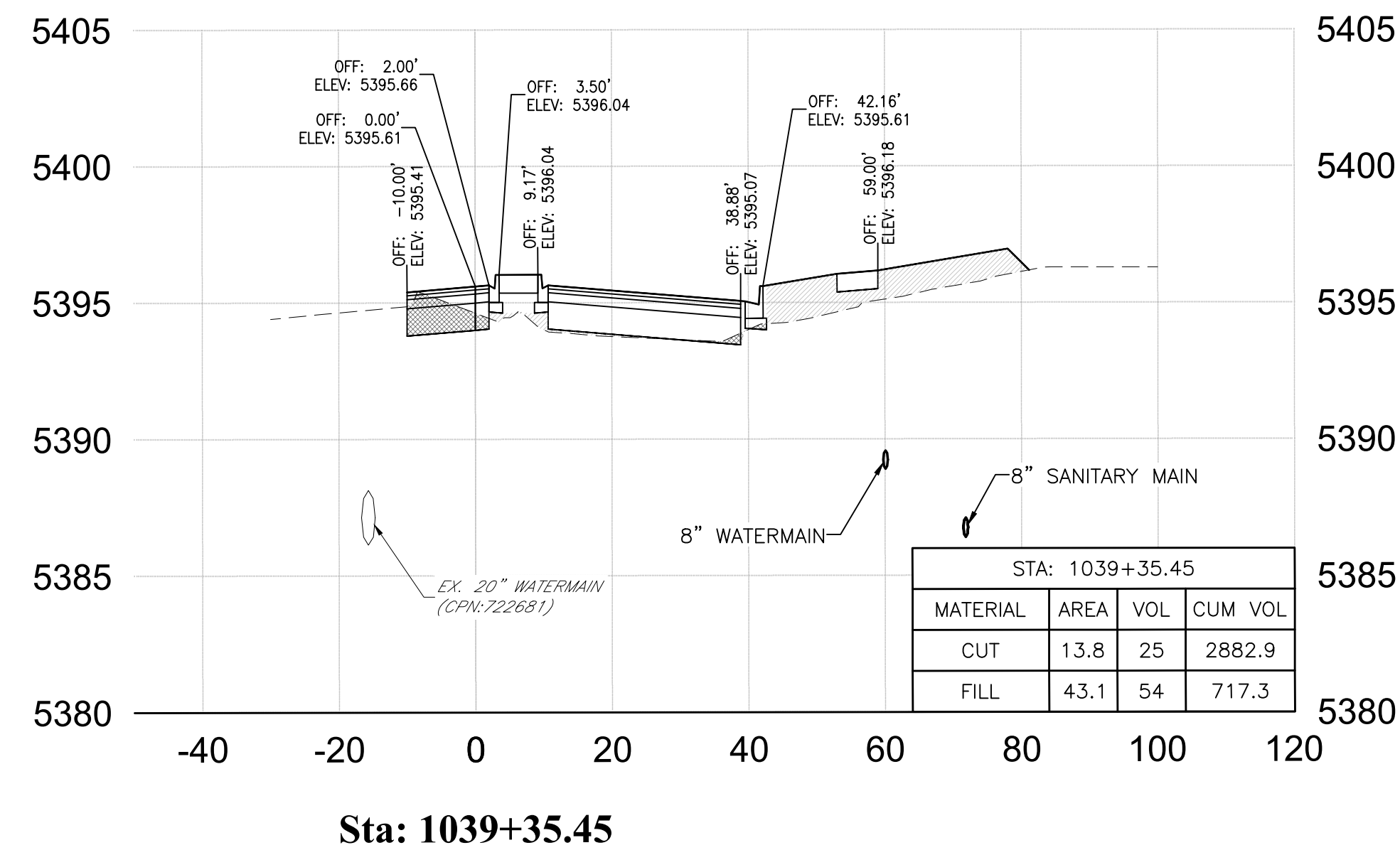
City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 13-3

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		REMARKS	
CONTRACTOR		ACS Control Monument "9-A11 2006"		NO.	BY		NO.	DATE	NO.	DATE	
WORK STAKED BY		Elevation = 5301.647 (NAVD 88)					DESIGNED BY	MKS	DATE	06/19/2025	
ACCEPTANCE BY						DRAWN BY	MKS	DATE	06/19/2025		
FIELD CHECKED BY						CHECKED BY	RJM	DATE	06/19/2025		
DRAWINGS BY											
MICRO-FILM INFORMATION											
NO.											

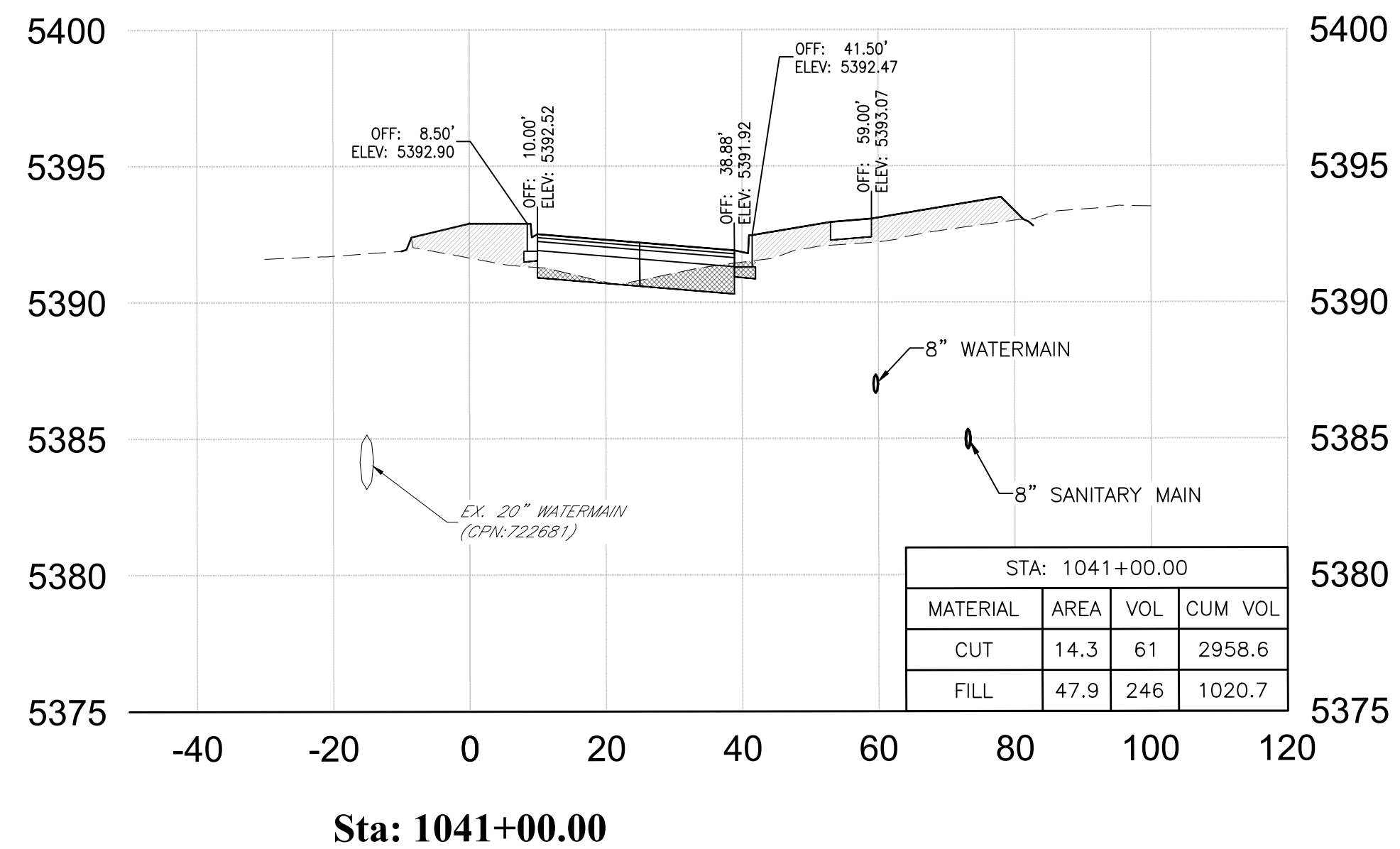


**TAKE CAUTION DURING EXCAVATION:**  
 THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

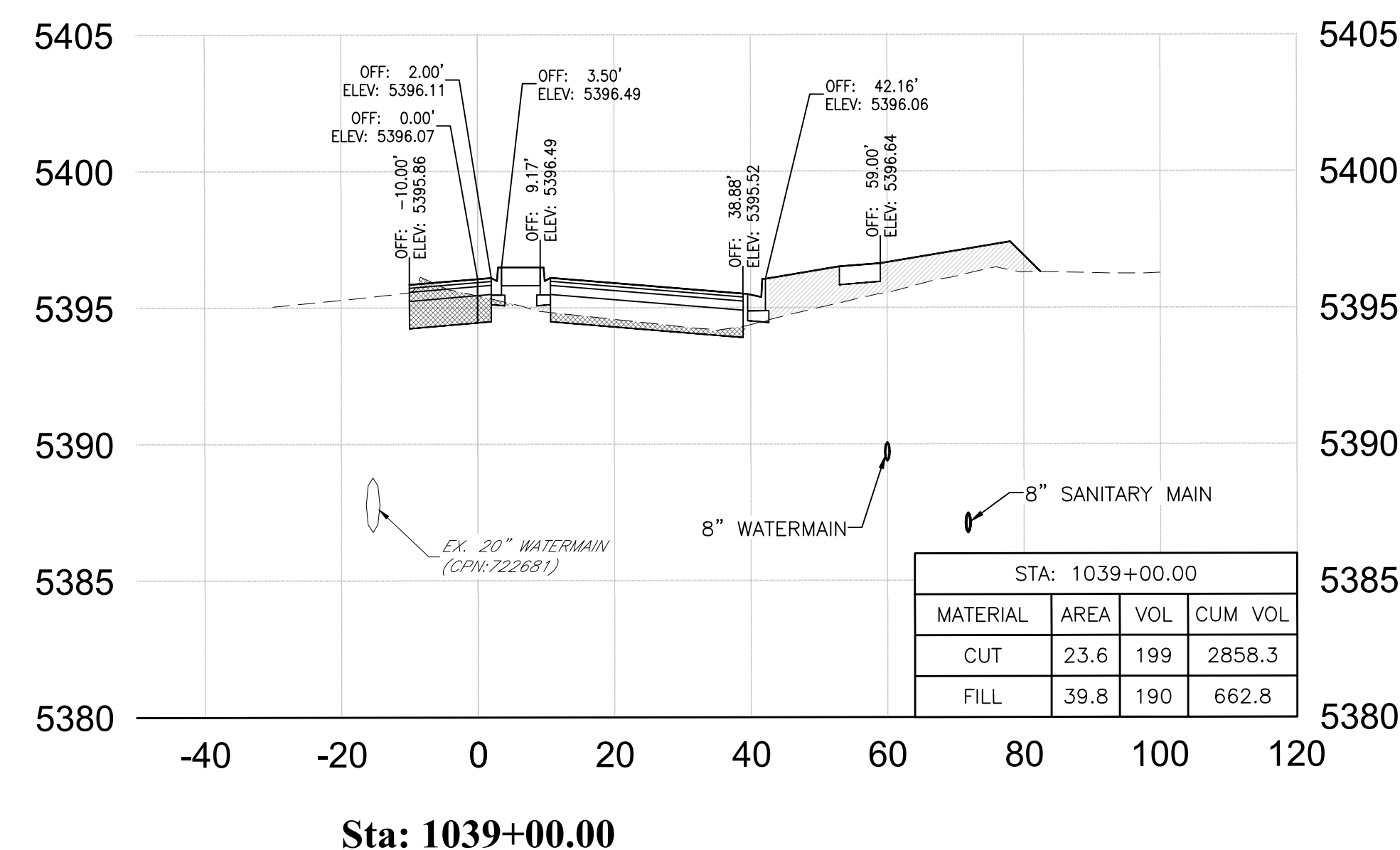
NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859



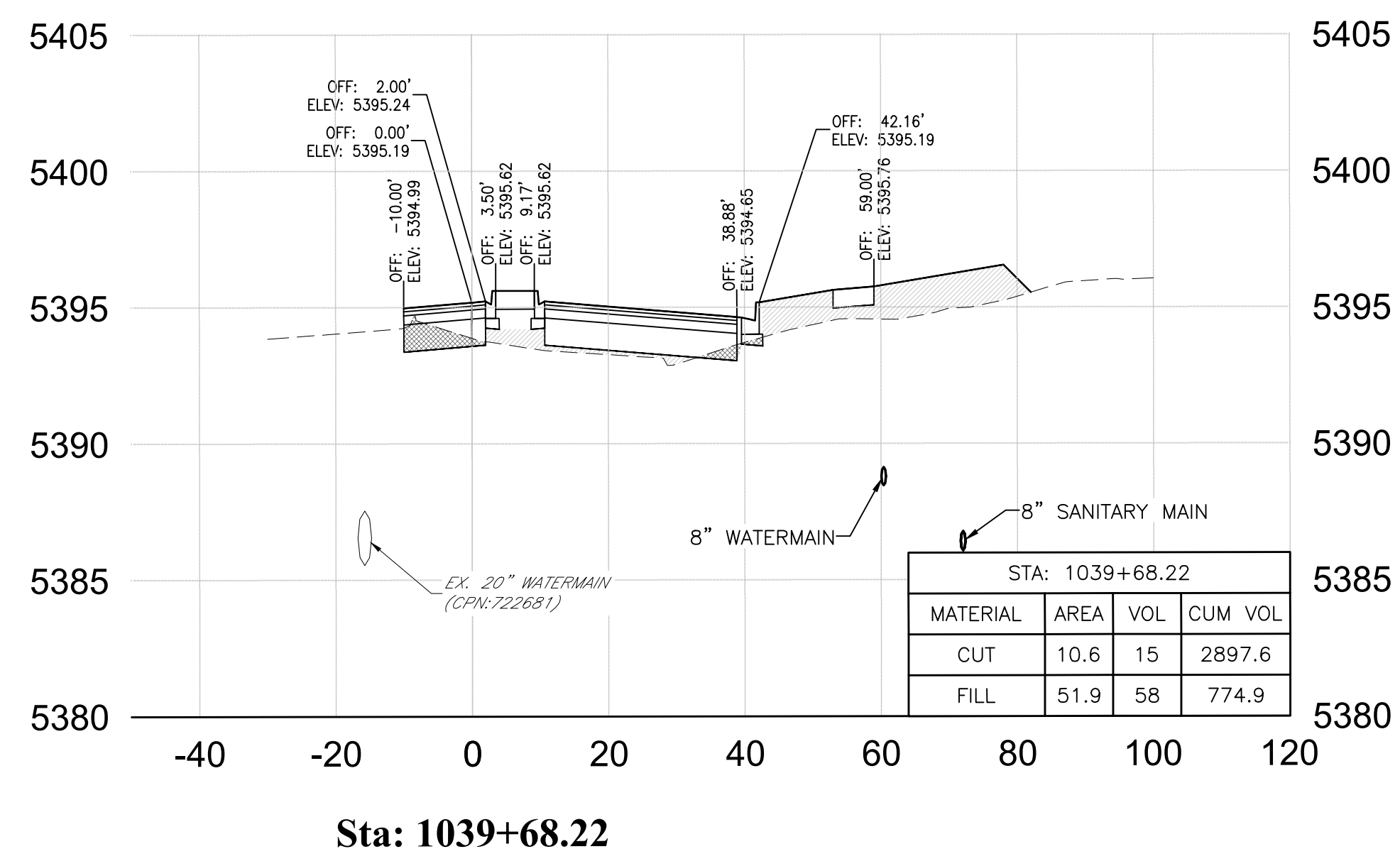
Sta: 1039+35.45



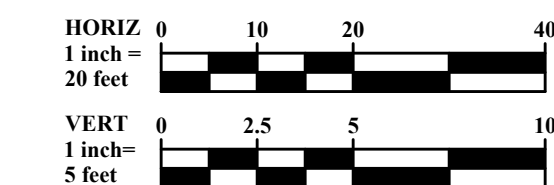
Sta: 1041+00.00



Sta: 1039+00.00



Sta: 1039+68.22



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
CROSS SECTIONS  
STA 1036+00.00 TO STA 1045+00.00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

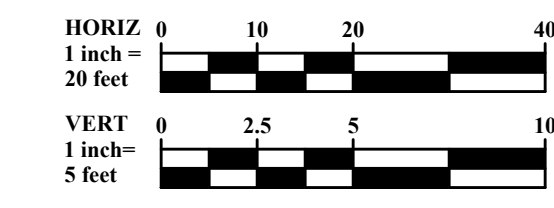
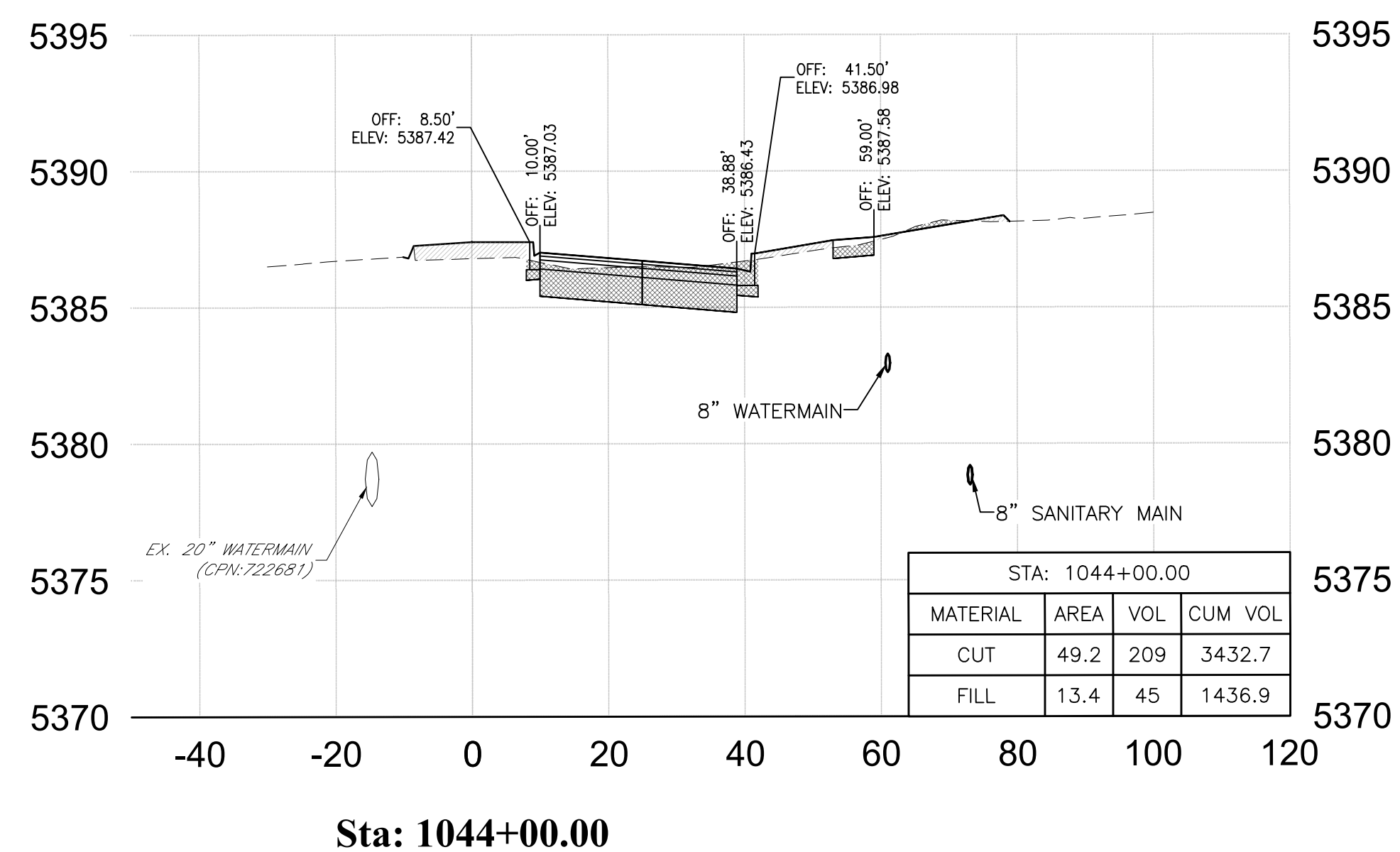
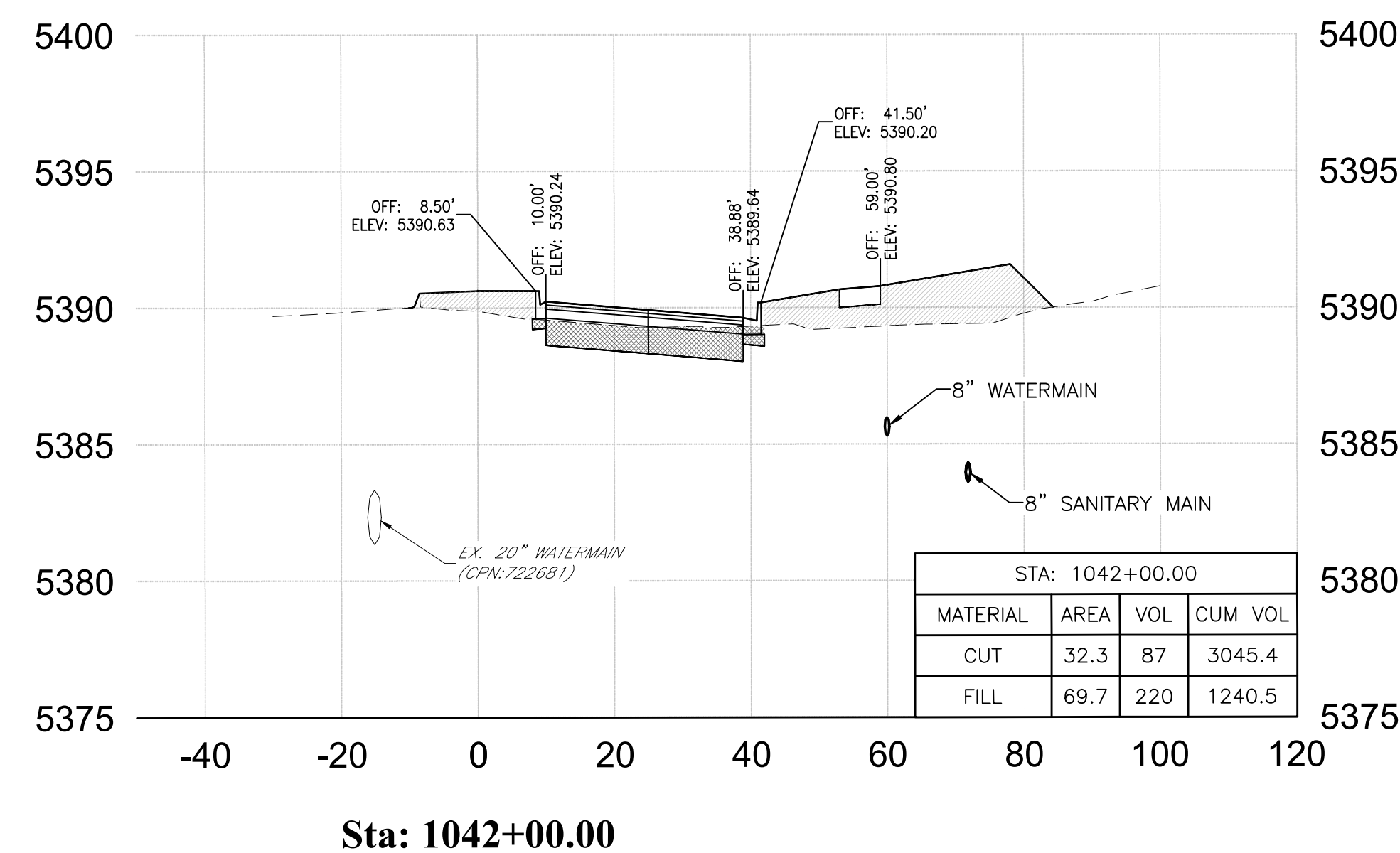
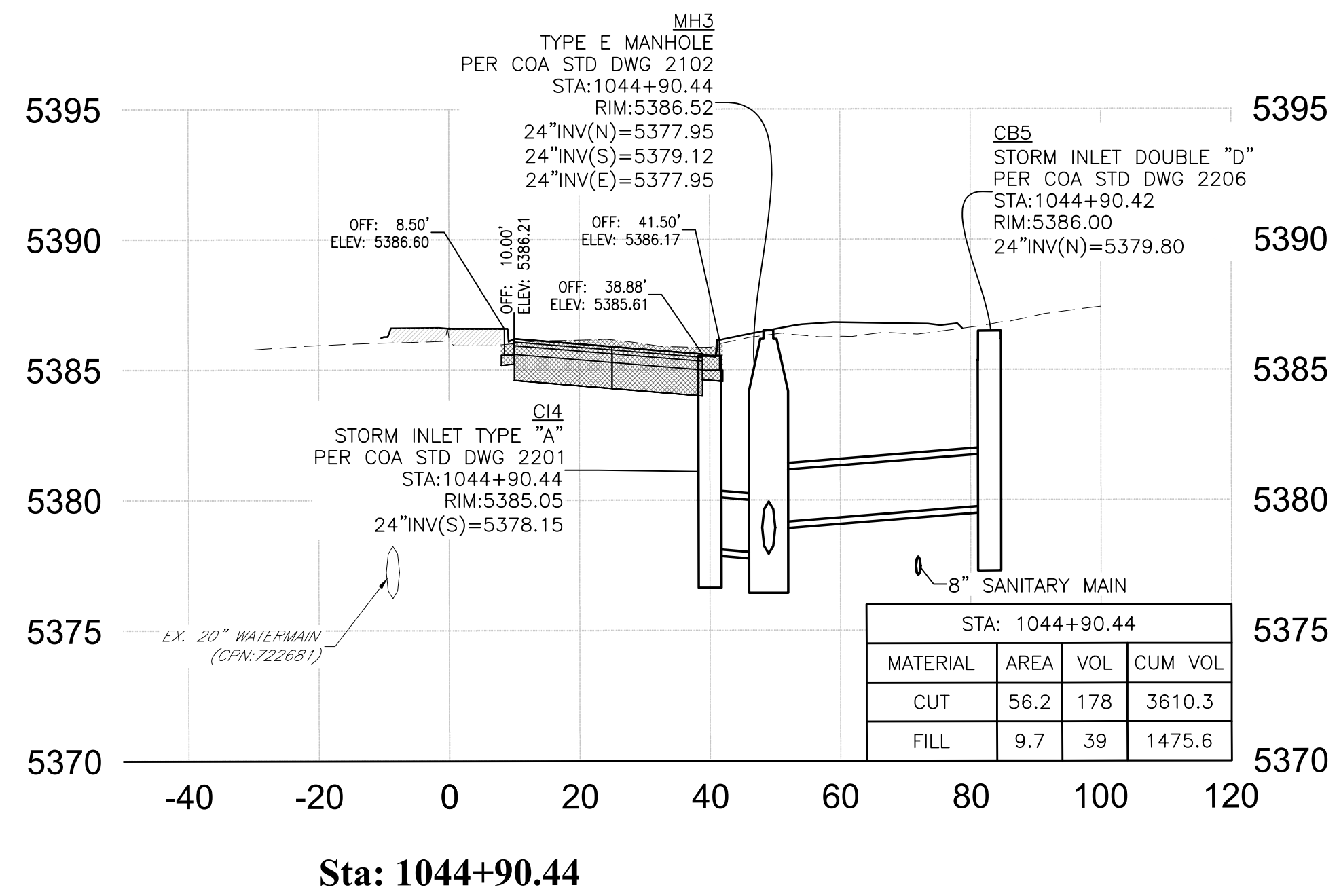
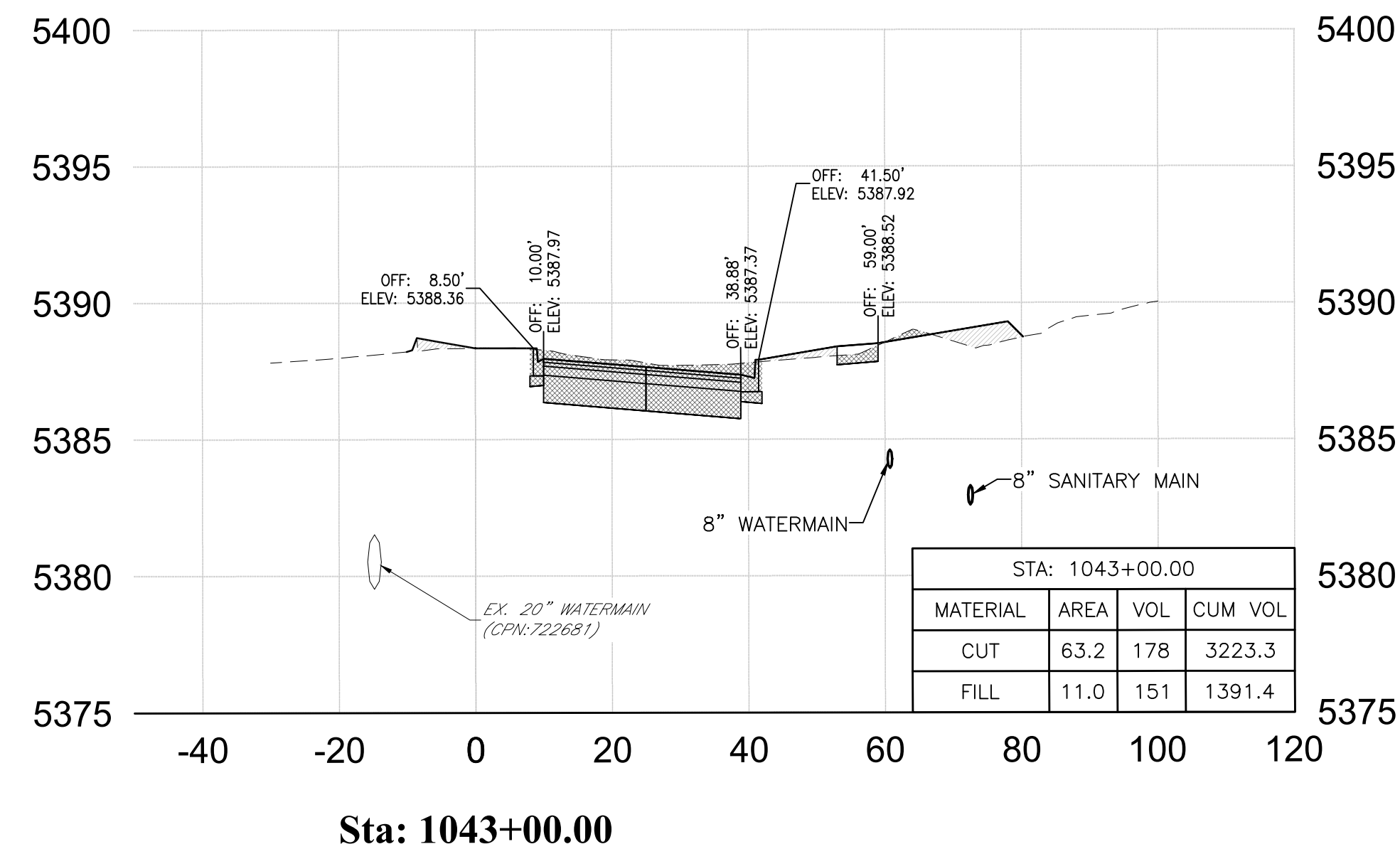
City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 13-4

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS			
CONTRACTOR		ACS Control Monument "9-A11 2006"		DATE	BY		 6/19/2025	NO.	DATE		
WORK STAKED BY		Elevation = 5301.647 (NAVD 88)						REMARKS	BY		
FIELD ACCEPTANCE BY								DESIGNED BY	MKS	DATE	06/19/2025
FIELD CORRECTION BY								DRAWN BY	MKS	DATE	06/19/2025
DRAWINGS CORRECTED BY								CHECKED BY	RJM	DATE	06/19/2025
MICRO-FILM INFORMATION											
RECORDED BY											
NO.											



**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859



CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
CROSS SECTIONS  
STA 1036+00.00 TO STA 1045+00.00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. XXXXXX	Zone Map No. A-10-Z	Sheet 13-5	

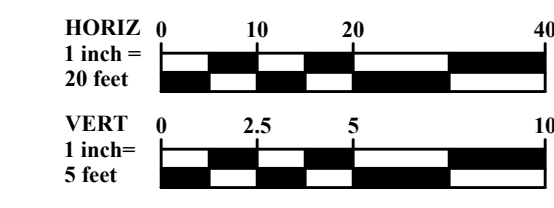
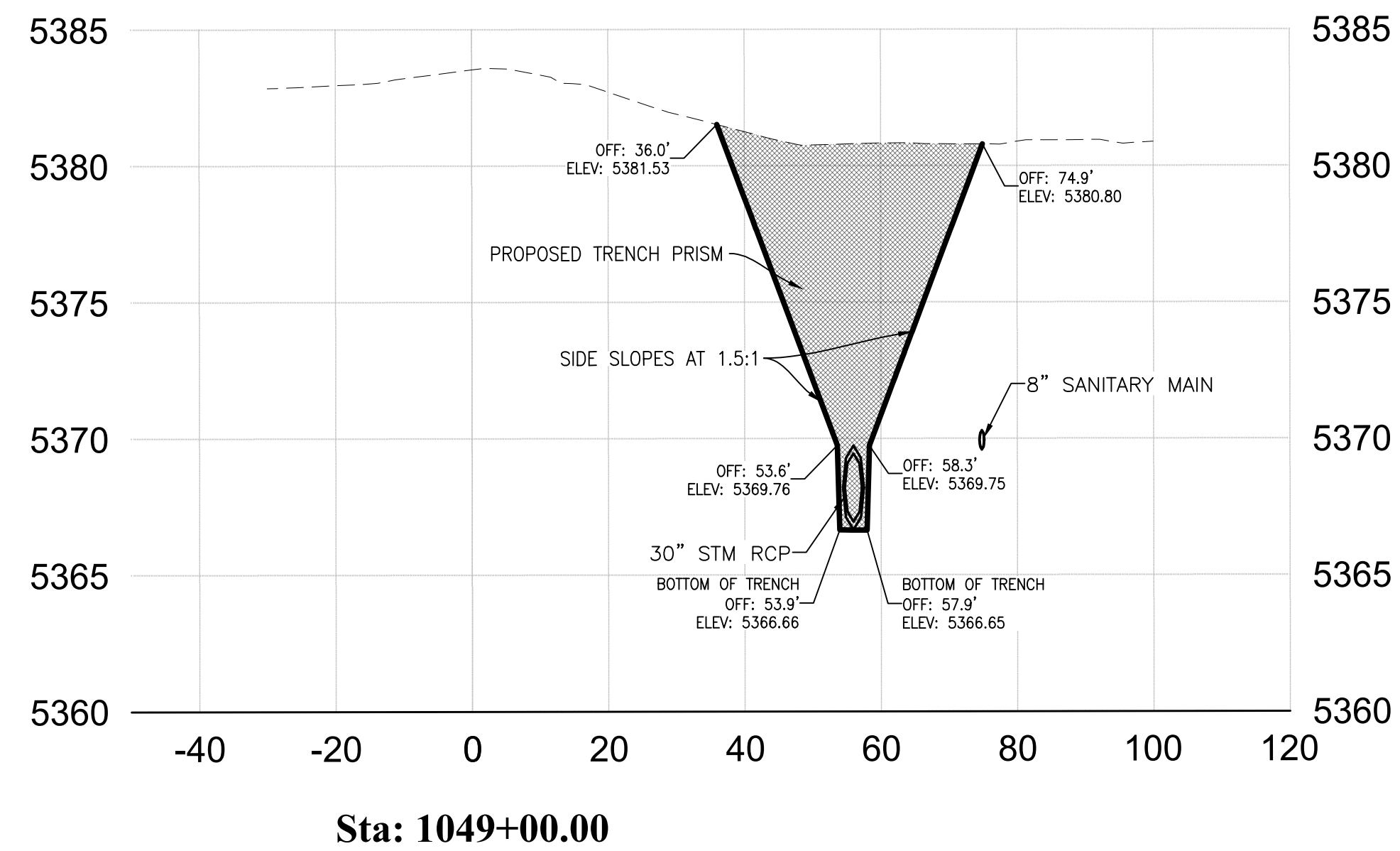
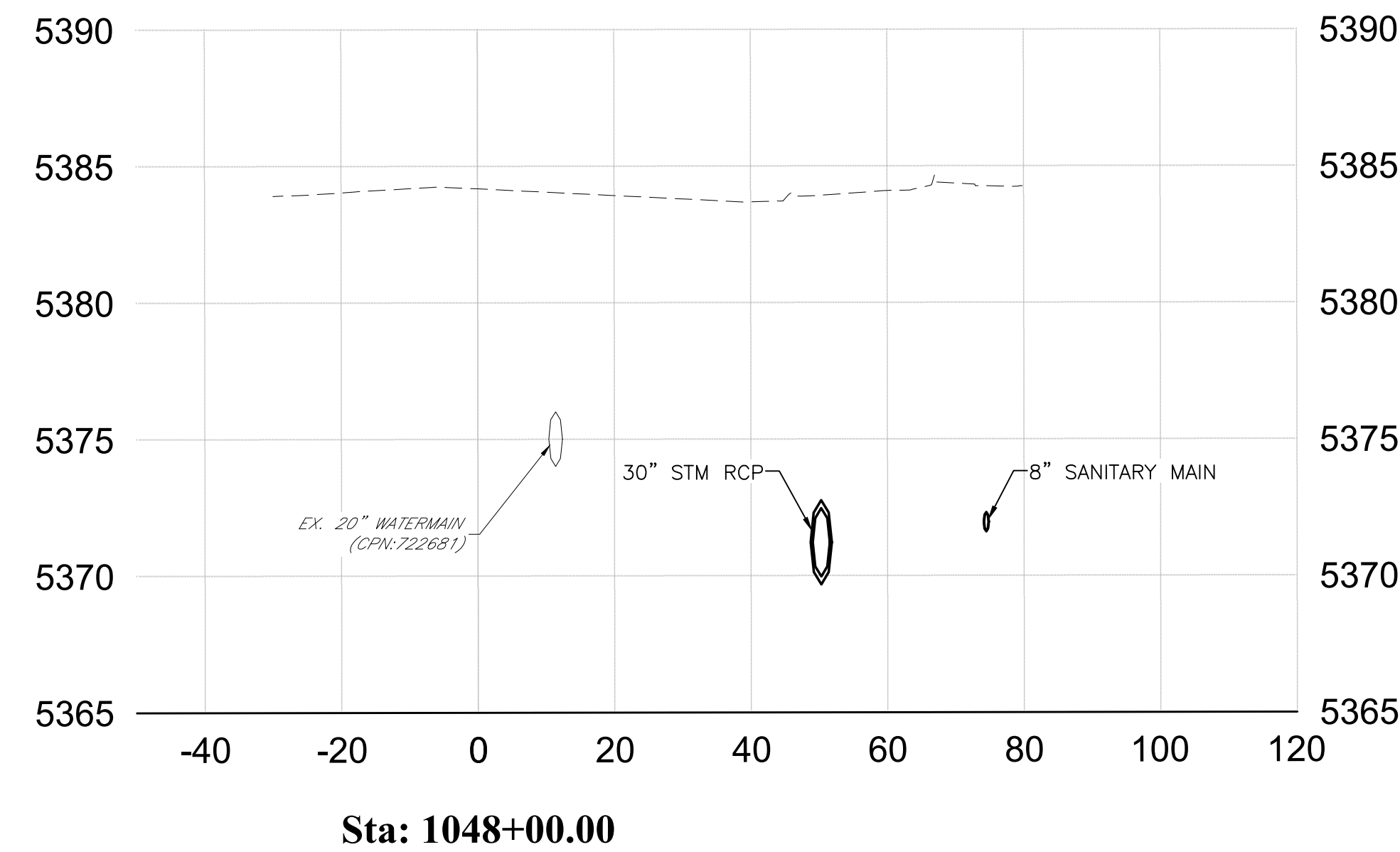
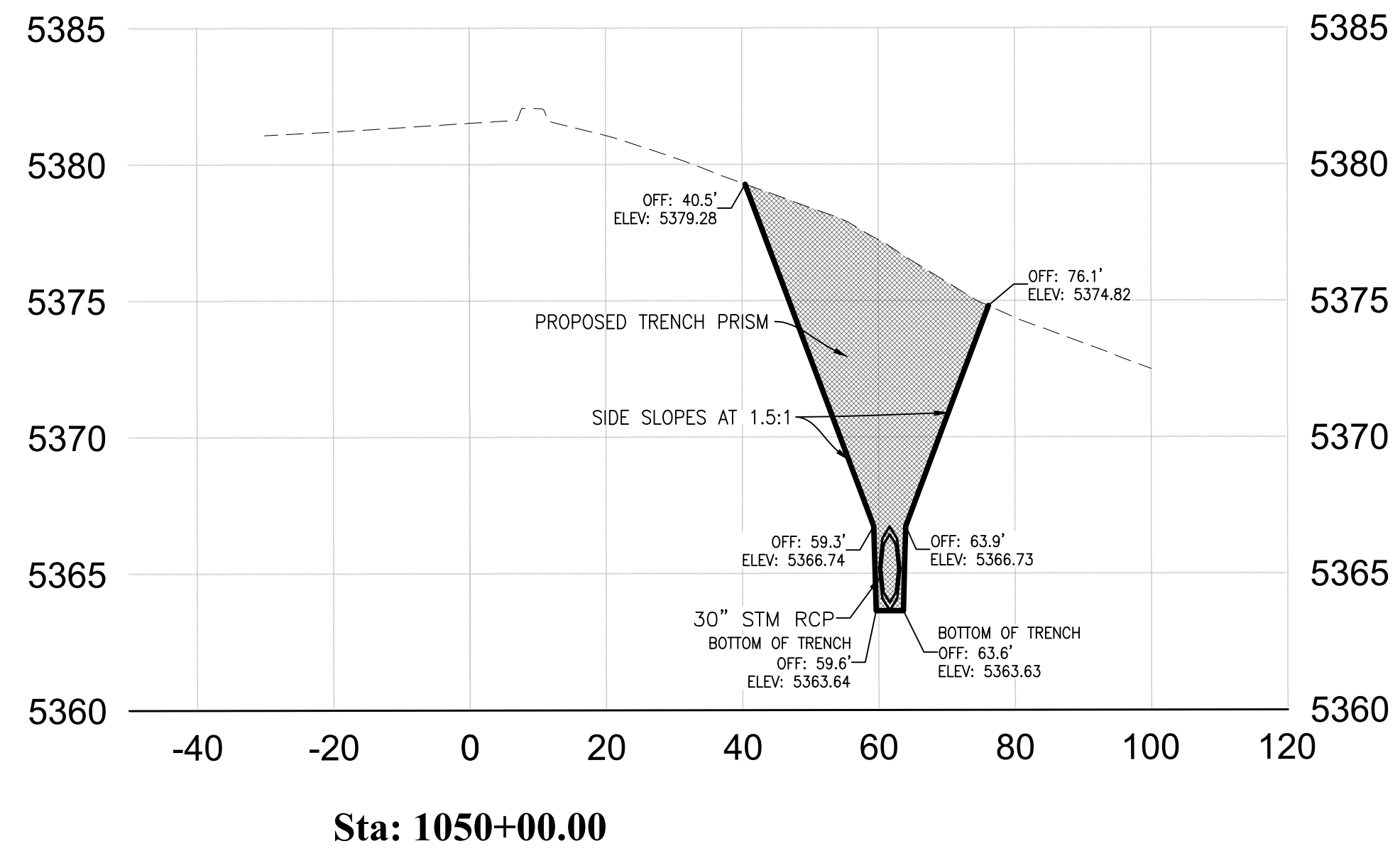
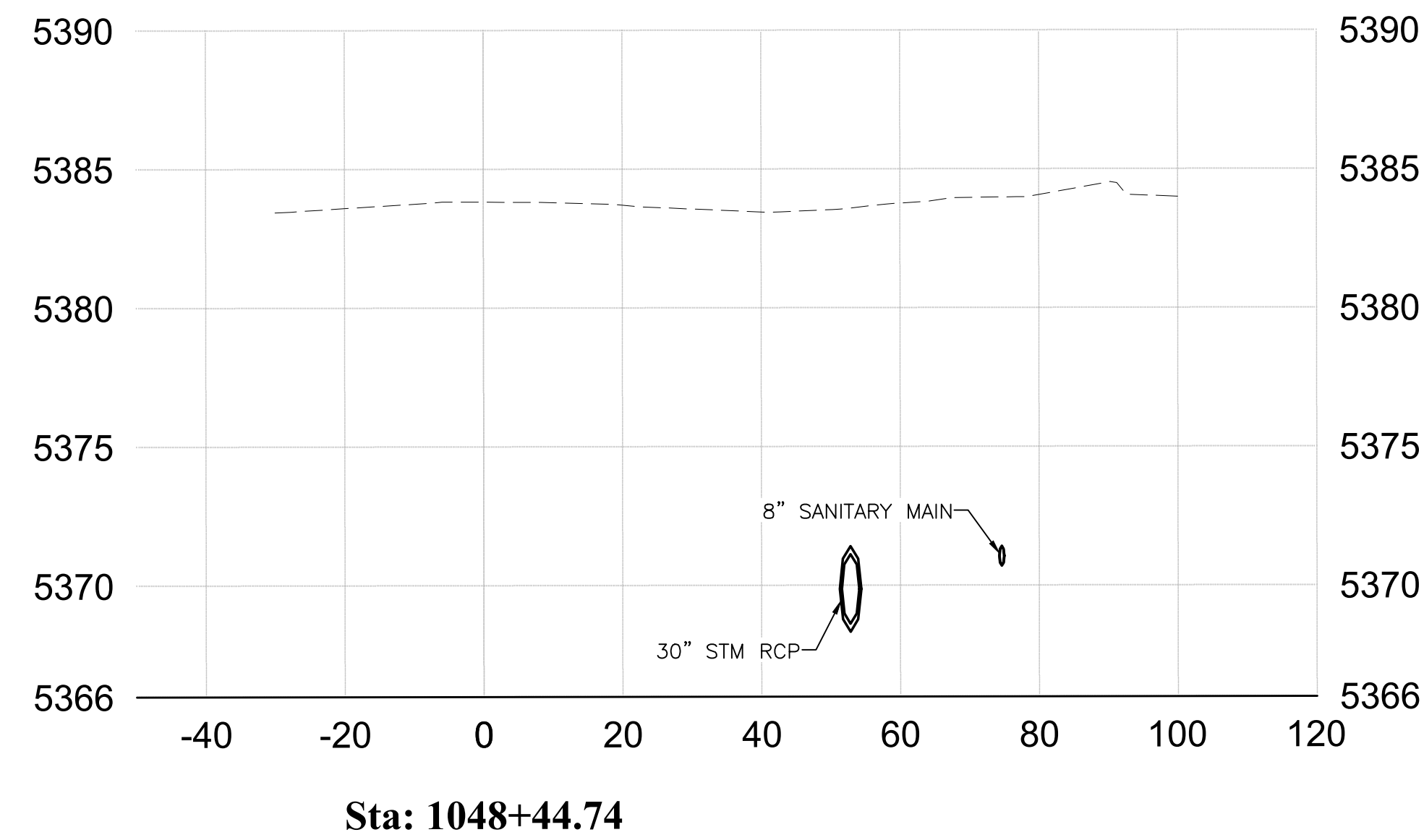
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS	
CONTRACTOR	DATE	ACS Control Monument "9-A11 2006"	Elevation = 5301.647 (NAVD 88)	NO.	BY	NO.	DATE	NO.	DATE
WORK STAKED BY	DATE								
FIELD ACCEPTANCE BY	DATE								
FIELD REVISION BY	DATE								
DRAWINGS CORRECTED BY	DATE								
MICRO-FILM INFORMATION	DATE								
RECORDED BY	NO.								



**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859





**BURKHARDT**  
ENGINEERS + SURVEYORS

28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0090 | BURKHARDTINC.COM  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

CITY OF ALBUQUERQUE  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION

**McMAHON BOULEVARD WIDENING**  
CROSS SECTIONS  
STA 1036+00.00 TO STA 1045+00.00

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. XXXXXX      Zone Map No. A-10-Z      Sheet 13-7

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STAKED BY	DATE
FIELD ACCEPTANCE BY	DATE
FIELD DRAWING BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	
ACS Control Monument "9-A11 2006"	Elevation = 5301.647 (NAVD 88)

SURVEY INFORMATION	
FIELD NOTES	
NO.	DATE

ENGINEER'S SEAL

6/19/2025

REVISIONS	
NO.	DATE
REMARKS	
BY	DATE



**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859

