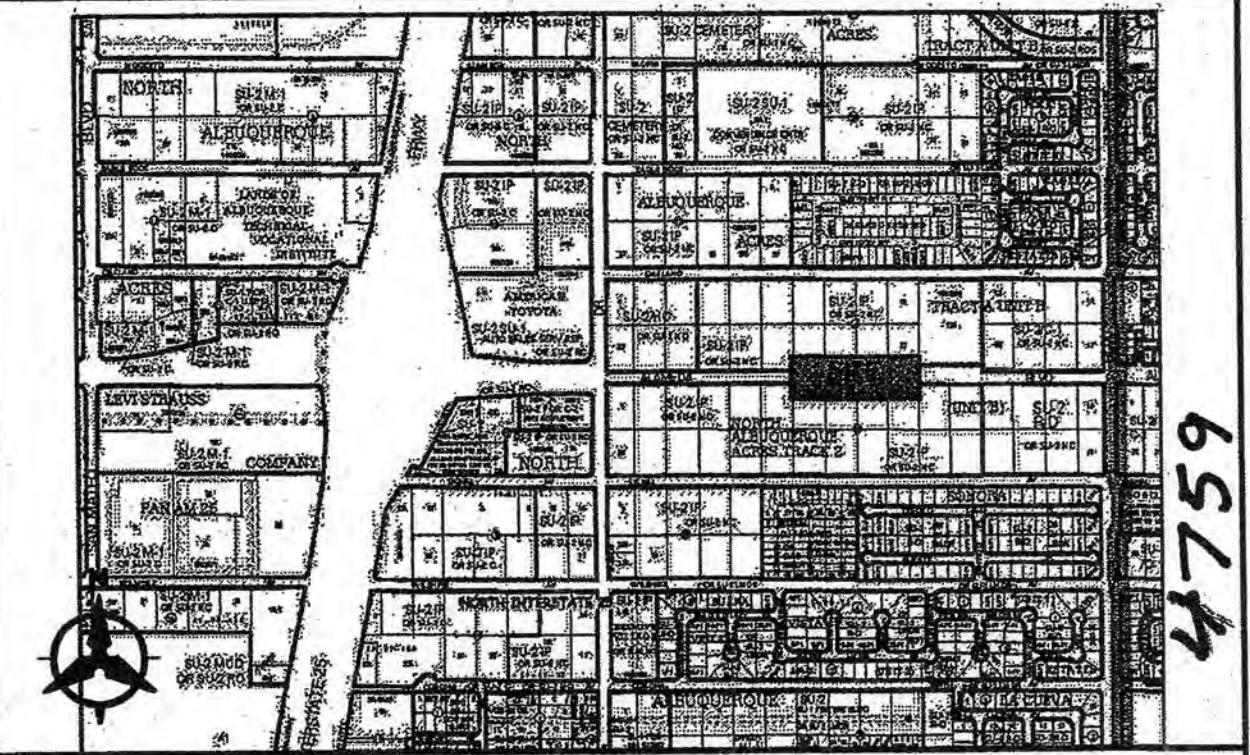


CONSTRUCTION PLANS FOR ALAMEDA CROSSING PUBLIC INFRASTRUCTURE ALBUQUERQUE, NEW MEXICO



VICINITY MAP
C-18-Z

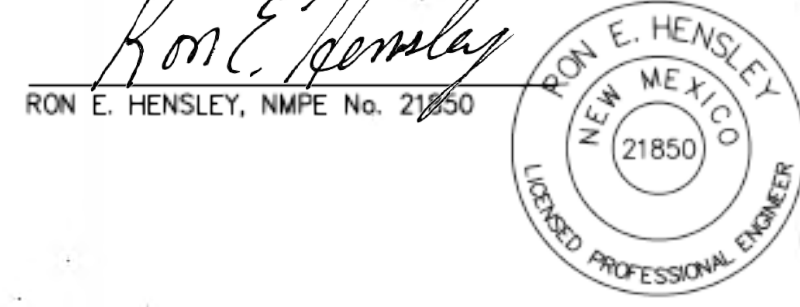
APPROVED RECORD DRAWINGS	
City Inspector	Tim Sims
Contractor	Sundance Mechanical & Utility Corp.
Construction Engineer	David Bishop
Date	9/30/2022

INDEX

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	SURVEY (FOR INFORMATION ONLY)
4	GRADING PLAN
5	PAVING PLAN
6	OVERALL UTILITY PLAN
7-8	UTILITY PLAN AND PROFILE SHEETS
9-10	ABCWUA STANDARD DETAILS

NOTE:
ALL ELEVATIONS ON THIS
PLAN SET SHOULD BE RAISED.
APPROXIMATELY 10.00 TO
OBTAIN TRUE NAVD88 ELEVATIONS.
AS-BUILT ELEVATIONS SHOULD
NOT BE RAISED!

Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Timothy Aldrich, NMPS number 7719.



SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.



CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. 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.
3. 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.
4. 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 THERE TO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

5. 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.
6. 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.
7. 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.
8. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).
9. 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.
10. ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED AND PLACED BY THE CONTRACTOR PER PLAN.

11. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, DMD CONSTRUCTION COORDINATION DIVISION, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING CONSTRUCTION SIGNAGE UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
14. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
15. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, SIGNAGE, 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.

17. AN SO 19 PERMIT IS REQUIRED TO PLACE ANY MATERIAL ON OR AROUND A STORM DRAIN INLET IN THE CITY RIGHT-OF-WAY THAT WOULD INTERFERE WITH THE INLET RECEIVING STORM WATER PER THE ENGINEER'S DESIGN. CITY PERSONNEL MAY REMOVE THIS MATERIAL AT ANY TIME WITHOUT NOTICE. THE PREFERRED BMP IS TO REMOVE SEDIMENT/POLLUTANTS ON THE PROPERTY WHERE CONSTRUCTION ACTIVITY IS OCCURRING.
18. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
19. CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH, UNIFORM EDGE WHEN REMOVING AND REPLACING CURB AND GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, CONTRACTOR WILL SAW CUT 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.
20. APPROVED WATER AND SEWER AVAILABILITY LETTER (#180211) FOR CAMPO DEL NORTE IS DATED 9, 2018.

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMITS WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. 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 #9.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES.
4. 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 IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION, CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK AFFECTING ARTERIAL ROADWAYS MAY REQUIRE TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. 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 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. 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.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY ABCWUA FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. 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 WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT http://www.abcwua.org/Water_Shut_Off_and_Turn_On_Procedures.aspx.

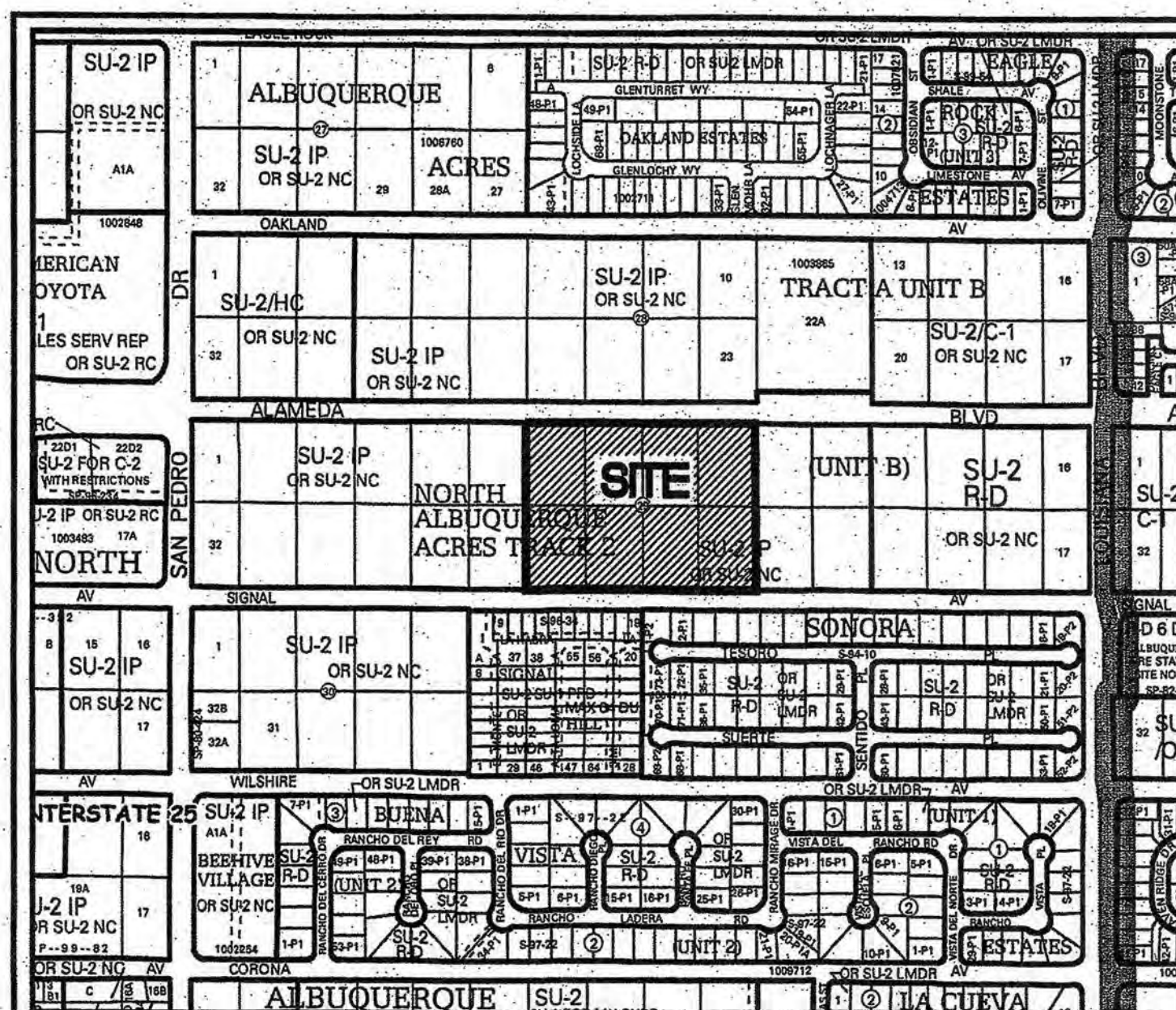
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEEPENED 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.

DRB # 1011527

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	<i>David Bishop</i>	2-20-19	APPROVED FOR CONSTRUCTION		
		Transportation	<i>David Bishop</i>	2-20-19			
		Water/Wastewater	<i>David Bishop</i>	2/20/19			
		Hydrology	<i>Renee Brunet</i>	2-15-17			
		Parks					
Const. Coord.					City Engineer Date		
City Project No.		582385		Sheet 1 of 10			

Bohannon & Huston
www.bhinc.com 800.877.5332



Vicinity Map - Zone Atlas C-18-Z

Exceptions 9-11: For Lots 7-10 (Parcel 1)

- 9 RESERVATIONS CONTAINED IN PATENT FROM UNITED STATES OF AMERICA RECORDED IN BOOK 80, PAGE 353, RECORDS OF BERNALILLO COUNTY, NEW MEXICO.
AFFECTS SUBJECT PROPERTY - BLANKET IN NATURE
- 10 COVENANTS, CONDITIONS, RESTRICTIONS, TERMS, PROVISIONS AND EASEMENTS IN BOOK 132, PAGE 490, RECORDS OF BERNALILLO COUNTY, NEW MEXICO, BUT DELETING ANY COVENANT, CONDITION OR RESTRICTION INDICATING A PREFERENCE, LIMITATION OR DISCRIMINATION BASED ON RACE, COLOR, RELIGION, SEX, HANDICAP, FAMILIAL STATUS, OR NATIONAL ORIGIN TO THE EXTENT SUCH COVENANTS, CONDITIONS OR RESTRICTIONS VIOLATE 42 USC 3604(C).
AFFECTS SUBJECT PROPERTY-BLANKET IN NATURE
- 11 RIGHTS OF TENANT(S) IN THE LAND, IF ANY, AND RIGHTS OF ALL PARTIES CLAIMING BY, THROUGH OR UNDER SAID TENANT(S).
NOT SURVEY RELATED

Exceptions 9-11: For Lots 23-26 (Parcel 2)

- 9 RESERVATIONS CONTAINED IN PATENT FROM UNITED STATES OF AMERICA RECORDED IN BOOK 80, PAGE 353, RECORDS OF BERNALILLO COUNTY, NEW MEXICO.
AFFECTS SUBJECT PROPERTY - BLANKET IN NATURE
- 10 COVENANTS, CONDITIONS, RESTRICTIONS, TERMS, PROVISIONS AND EASEMENTS IN BOOK 127, PAGE 585 AND IN BOOK 174, PAGE 433, RECORDS OF BERNALILLO COUNTY, NEW MEXICO, BUT DELETING ANY COVENANT, CONDITION OR RESTRICTION INDICATING A PREFERENCE, LIMITATION OR DISCRIMINATION BASED ON RACE, COLOR, RELIGION, SEX, HANDICAP, FAMILIAL STATUS, OR NATIONAL ORIGIN TO THE EXTENT SUCH COVENANTS, CONDITIONS OR RESTRICTIONS VIOLATE 42 USC 3604(C).
AFFECTS SUBJECT PROPERTY-BLANKET IN NATURE
- 11 EASEMENT GRANTED TO PUBLIC SERVICE COMPANY OF NEW MEXICO, A NEW MEXICO CORPORATION AND THE MOUNTAIN STATES TELEPHONE AND TELEGRAPH COMPANY, A COLORADO CORPORATION, RECORDED OCTOBER 9, 1979, IN BOOK MISC. 723, PAGE 604, AS DOCUMENT NO. 79 75851, RECORDS OF BERNALILLO COUNTY, NEW MEXICO. (LOT 23).
AFFECTS SUBJECT PROPERTY-SHOWN HEREON AS [3]

Flood Notes

BASED UPON SCALING, THIS PROPERTY LIES WITHIN FLOOD ZONE X WHICH IS DEFINED AS AN AREA OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS DETERMINED BY F.E.M.A. AND SHOWN ON THE FLOOD INSURANCE RATE MAP DATED AUGUST 16, 2012, MAP NO. 35001C0137H.

Indexing Information

Projected Section 13, Township 11 North, Range 3 East,
N.M.P.M. Elena Gallegos Grant
Subdivision: North Albuquerque Acres Tract A, Unit B
Owner: V_MOD, LLC (Parcel 1)
Firoz S. and Jabeen F. Vagh RVT (Parcel 2)
UPC #: 101806437035410226 (Lot 7)
#: 101806438635410225 (Lot 8)
#: 101806440335410224 (Lot 9)
#: 101806442035410223 (Lot 10)
#: 101806442033010210 (Lot 23)
#: 101806440333010209 (Lot 24)
#: 101806438633010208 (Lot 25)
#: 101806437033010207 (Lot 26)

Record and Measured Legal Description-Parcel 1

LOTS NUMBERED SEVEN (7), EIGHT (8), NINE (9) AND TEN (10), IN BLOCK NUMBERED TWENTY-NINE (29), OF TRACT A, UNIT B, NORTH ALBUQUERQUE ACRES, BERNALILLO COUNTY, NEW MEXICO, AS THE SAME IS SHOWN AND DESIGNATED ON THE MAP OF SAID SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON APRIL 24, 1936, IN PLAT BOOK D, FOLIO 130.

THE PARCEL DESCRIBED HEREON IS THE SAME AS SHOWN ON THE TITLE COMMITMENT PROVIDED BY FIRST AMERICAN TITLE, HAVING FILE NO. 2297728 AND AN EFFECTIVE DATE OF JANUARY 17, 2018.

AND

Record and Measured Legal Description-Parcel 2

LOTS NUMBERED TWENTY-THREE (23), TWENTY-FOUR (24), TWENTY-FIVE (25), AND TWENTY-SIX IN BLOCK NUMBERED TWENTY-NINE (29), TRACT A, UNIT B, OF NORTH ALBUQUERQUE ACRES, A SUBDIVISION OF A TRACT OF LAND IN SCHOOL DISTRICT THREE (3) AND FOUR (4), BERNALILLO COUNTY, NEW MEXICO, AS THE SAME ARE SHOWN AND DESIGNATED ON THE MAP OF SAID SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY CLERK, BERNALILLO COUNTY, NEW MEXICO, ON APRIL 24, 1936, IN PLAT BOOK D, FOLIO 130.

THE PARCEL DESCRIBED HEREON IS THE SAME AS SHOWN ON THE TITLE COMMITMENT PROVIDED BY FIRST AMERICAN TITLE, HAVING FILE NO. 2297728 AND AN EFFECTIVE DATE OF JANUARY 18, 2018.

Documents

1. TITLE COMMITMENTS PROVIDED BY FIRST AMERICAN TITLE, HAVING FILE NO. 2297728 WITH AN EFFECTIVE DATE OF JANUARY 17, 2018; AND FILE NO. 2297726 WITH AN EFFECTIVE DATE OF JANUARY 18, 2018.
2. PLAT OF NORTH ALBUQUERQUE ACRES, TRACT A, UNIT B, FILED IN THE BERNALILLO COUNTY CLERK'S OFFICE ON APRIL 24, 1936, IN PLAT BOOK D, FOLIO 130.
3. CITY OF ALBUQUERQUE RIGHT OF WAY MAP FOR ALAMEDA BOULEVARD HAVING CITY OF ALBUQUERQUE PROJECT NO. 7663.91

Benchmark -NAVD 88

ACS MONUMENT "9-C18" HAVING AN ELEVATION OF 5232.47.

**Boundary Survey
and
ALTA/NSPS Land Title Survey
for
Lots 7-10 and 23-26
Block 29, Tract A, Unit B
North Albuquerque Acres
City of Albuquerque
Bernalillo County, New Mexico
February 2018**

Notes

1. FIELD SURVEY PERFORMED IN FEBRUARY 2018.
2. ALL DISTANCES ARE GROUND DISTANCES. U.S. SURVEY FOOT.
3. THE BASIS OF BEARINGS REFERENCES MODIFIED NEW MEXICO STATE PLANE COORDINATES (NAD 83-GROUND) USING GROUND TO GRID FACTOR OF 0.999657874.
4. NO BUILDINGS EXISTING ON THE SURVEYED PROPERTY.
5. WITH REGARD TO UNDERGROUND UTILITY LOCATIONS, SOURCE INFORMATION FROM PLANS AND MARKINGS WERE COMBINED WITH OBSERVED EVIDENCE OF UTILITIES PURSUANT TO SECTION 5.E.IV. TO DEVELOP A VIEW OF THE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED. IN ADDITION, IN SOME JURISDICTIONS, 811 OR OTHER SIMILAR UTILITY LOCATE REQUESTS FROM SURVEYORS MAY BE IGNORED OR RESULT IN AN INCOMPLETE RESPONSE, WHICH MAY AFFECT THIS SURVEYOR'S ASSESSMENT OF THE LOCATION OF THE UTILITIES. WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT THAT EXCAVATION AND/OR A PRIVATE UTILITY LOCATE REQUEST MAY BE NECESSARY.
6. THERE ARE NO PARKING SPACES ON SUBJECT PROPERTY.
7. THERE IS NO KNOWN ADDRESS ON RECORD FOR SUBJECT LOTS.

Surveyor's Certificate

To: Pulte Homes of New Mexico, Inc., V_MOD, LLC, a New Mexico limited liability company, First American Title:

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes items 1-4, 7(a), 8 and 9 of Table A thereof. The Field Work was completed on February 8, 2018.

Will Plotner Jr. 2/9/18
Will Plotner Jr. Date
N.M.R.P.S. No. 14271

Revisions: 2/8/18 Original

I, Will Plotner Jr., New Mexico Professional Surveyor No. 14271, do hereby certify that this boundary survey plat and the actual survey on the ground upon which it is based were performed by me or under my direct supervision; that I am responsible for this survey; that this survey meets the minimum standards for surveying in New Mexico; and that it is true and correct to the best of my knowledge and belief. I further certify that this survey is not a land division or subdivision as defined in the New Mexico subdivision act and that this instrument is a boundary survey plat of an existing tract or tracts.

Will Plotner Jr. 2/9/18
Will Plotner Jr. Date
N.M.R.P.S. No. 14271

CARTESIAN SURVEYS INC.

P.O. BOX 44414 RIO RANCHO, N.M. 87174
Phone (505) 896-3050 Fax (505) 891-0244



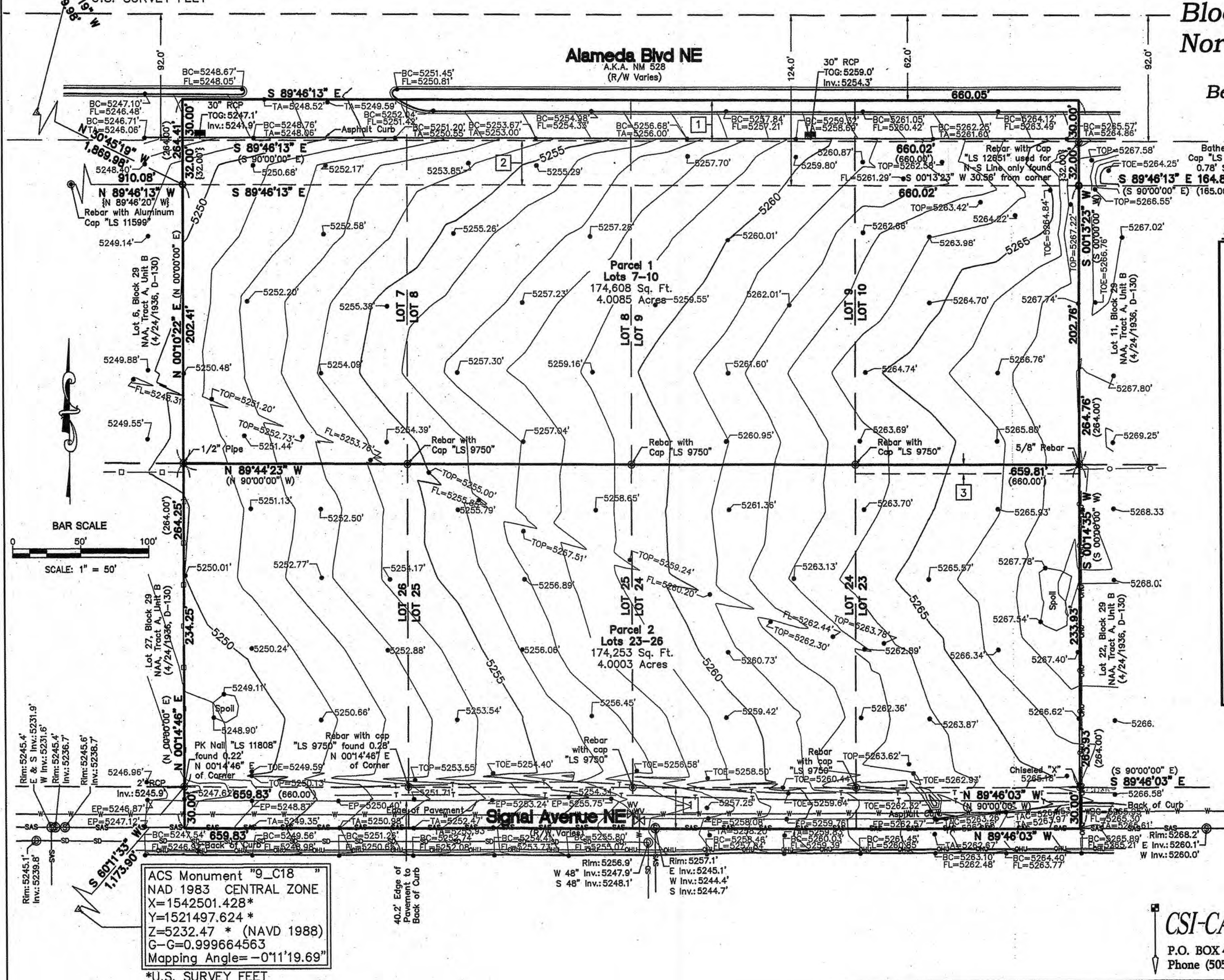
Sheet 1 of 2
180224

ACS Monument "10_C18"
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Y=1524123.885*
Z=5222.09 * (NAVD 1988)
G-G=0.999665042
Mapping Angle=-0°11'19.43"
*U.S. SURVEY FEET

Easement Notes

- 1 30' ROADWAY EASEMENT (04/24/1936, D-130)
- 2 FUTURE 32' RIGHT OF WAY DEDICATION TO THE CITY OF ALBUQUERQUE UPON DEVELOPMENT
- 11 3 EXISTING 7' PNM AND MST&T EASEMENT (10/9/1979, BK. MISC. 723, PG. 604)

Boundary Survey
and
ALTA/NSPS Land Title Survey
for
Lots 7-10 and 23-26
Block 29, Tract A, Unit B
North Albuquerque Acres
City of Albuquerque
Bernalillo County, New Mexico
February 2018



Legend

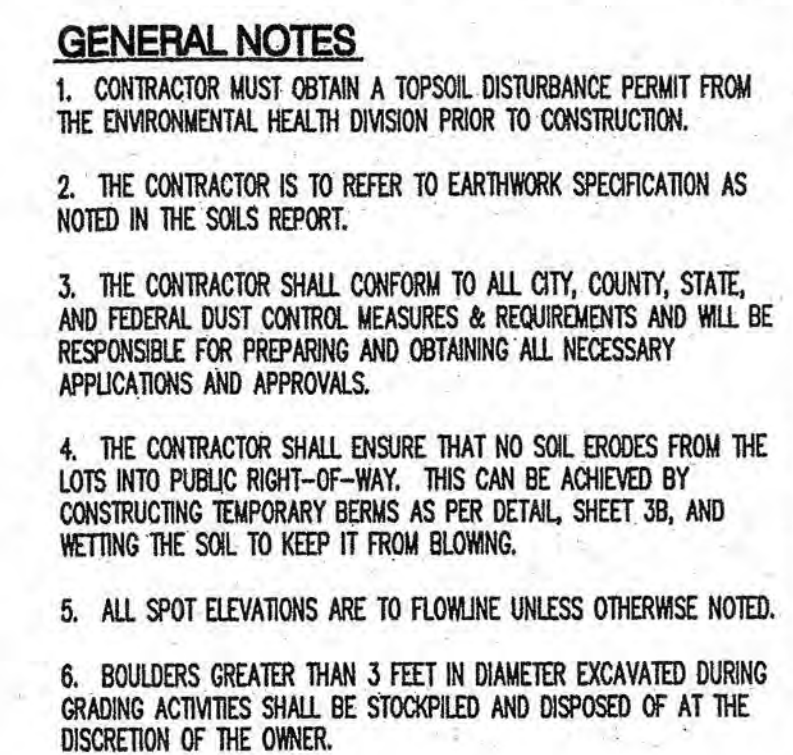
N 90°00'00" E	MEASURED BEARINGS AND DISTANCES
(N 90°00'00" E)	RECORD BEARINGS AND DISTANCES (4/24/1936, D-130)
(N 90°00'00" E)	RECORD BEARINGS AND DISTANCES (CITY OF ALBUQUERQUE RIGHT OF WAY MAP HAVING COA PROJECT NO. 7863.91)
	FOUND MONUMENT AS INDICATED
●	SET BATHEY MARKER "LS 14271" UNLESS OTHERWISE NOTED
○	CONCRETE
□	METAL FENCE
—○—	CHAINLINK FENCE
WV	WATER VALVE
⊗	SANITARY SEWER MANHOLE
—W—	UNDERGROUND WATER UTILITY LINE
—SAS—	UNDERGROUND SANITARY SEWER LINE
—T—	UNDERGROUND TELEPHONE UTILITY LINE
—SD—	UNDERGROUND STORM DRAIN UTILITY LINE
—OH—	OVERHEAD UTILITY LINE
5075.50	SPOT ELEVATION
BC 5075.50	BACK OF CURB ELEVATION
FL 5075.50	FLOW LINE ELEVATION
EP 5075.50	EDGE OF PAVEMENT ELEVATION
TA 5075.50	TOP OF ASPHALT ELEVATION
TOP 5075.50	TOP OF SLOPE ELEVATION
TOE 5075.50	TOE OF SLOPE ELEVATION
TAC 5075.50	TOE OF ASPHALT CURB ELEVATION

ACS Monument "9_C18"
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Y=1521497.624*
Z=5232.47 * (NAVD 1988)
G-G=0.999664563
Mapping Angle=-0°11'19.69"
*U.S. SURVEY FEET

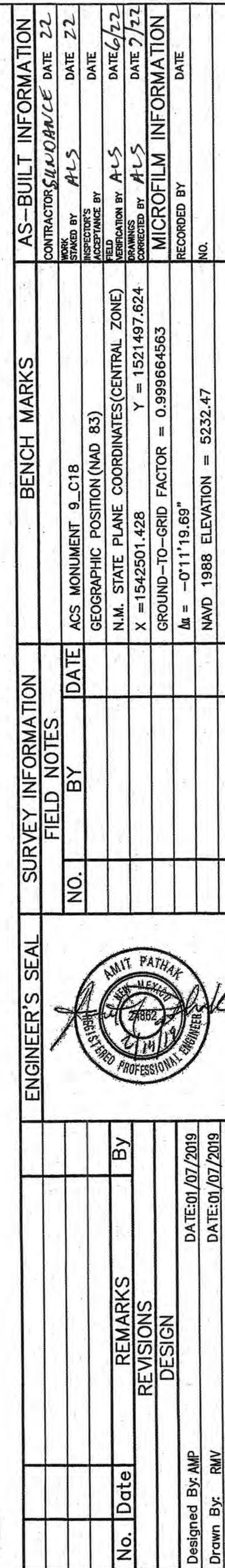
CSI-CARTESIAN SURVEYS INC.
P.O. BOX 44414 RIO RANCHO, N.M. 87174
Phone (505) 896-3050 Fax (505) 891-0244



Sheet 2 of 2
180224



 91.62
 92.46
 PROPOSED SPOT ELEVATION
 EXISTING CURB & GUTTER
 PROPOSED MOUNTABLE CURB & GUTTER
 PROPOSED STANDARD CURB & GUTTER
 5470
 EXISTING CONTOUR W/ INDEX ELEVATION
 FLOW ARROW
 PROPOSED RETAINING WALL
 PROPOSED SLOPE
 PROPOSED STORM DRAIN
 PROPOSED STORM DRAIN MANHOLE
 PROPOSED STORM DRAIN INLET
 HIGH POINT

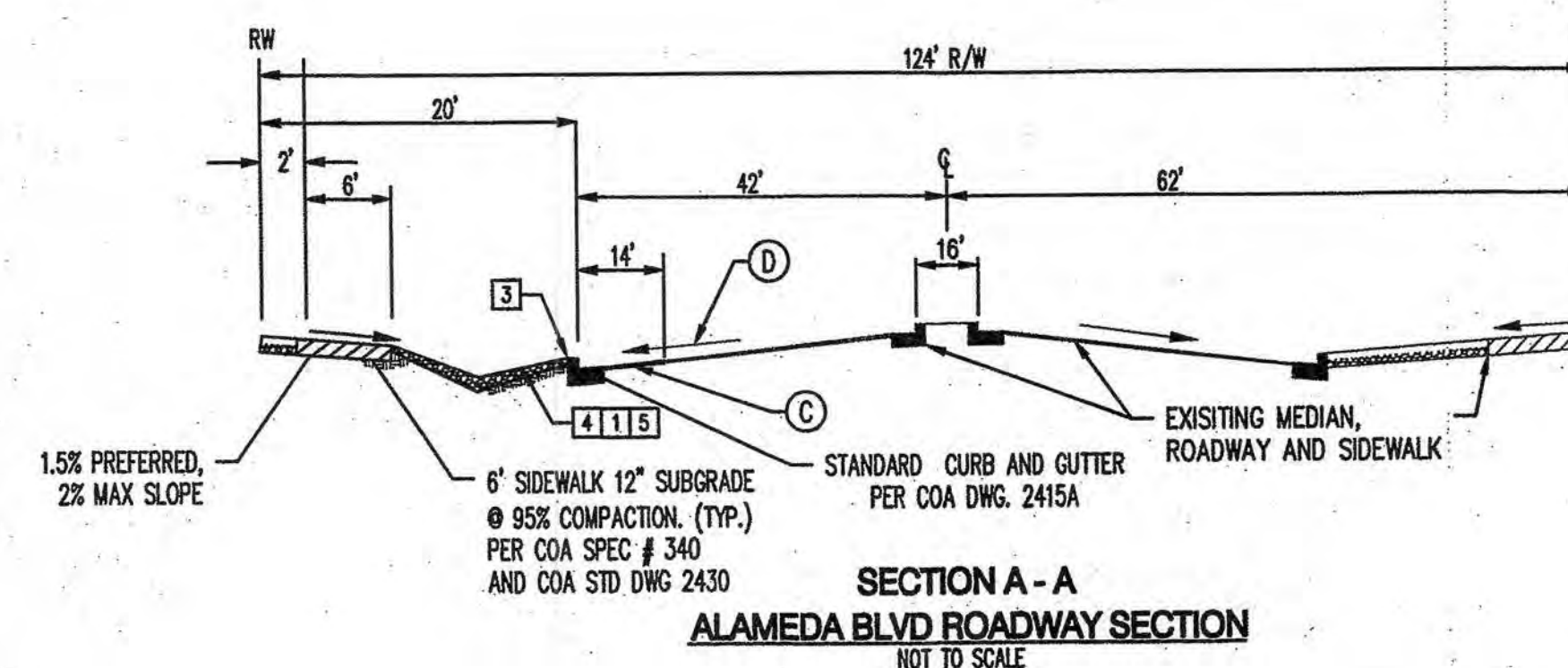
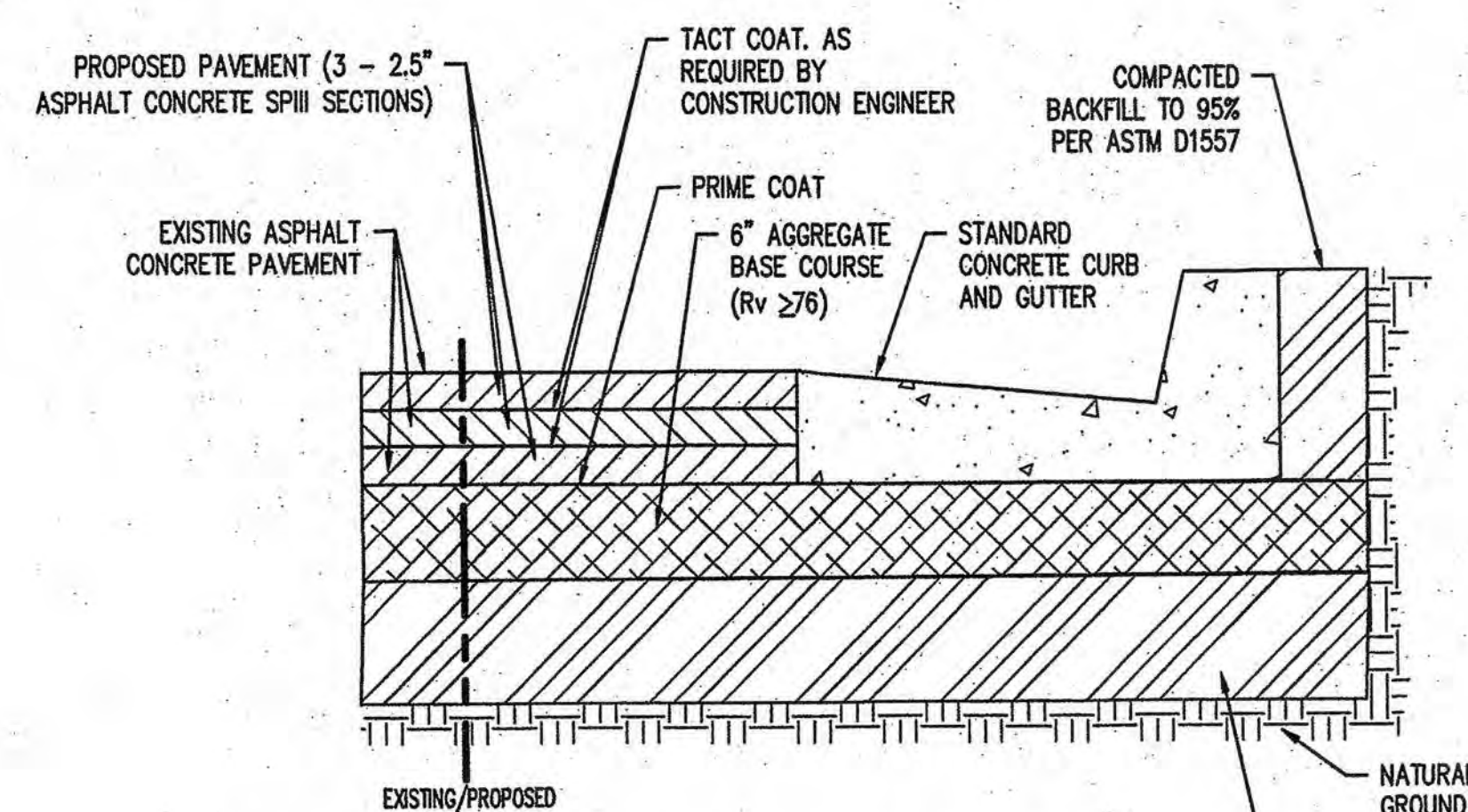
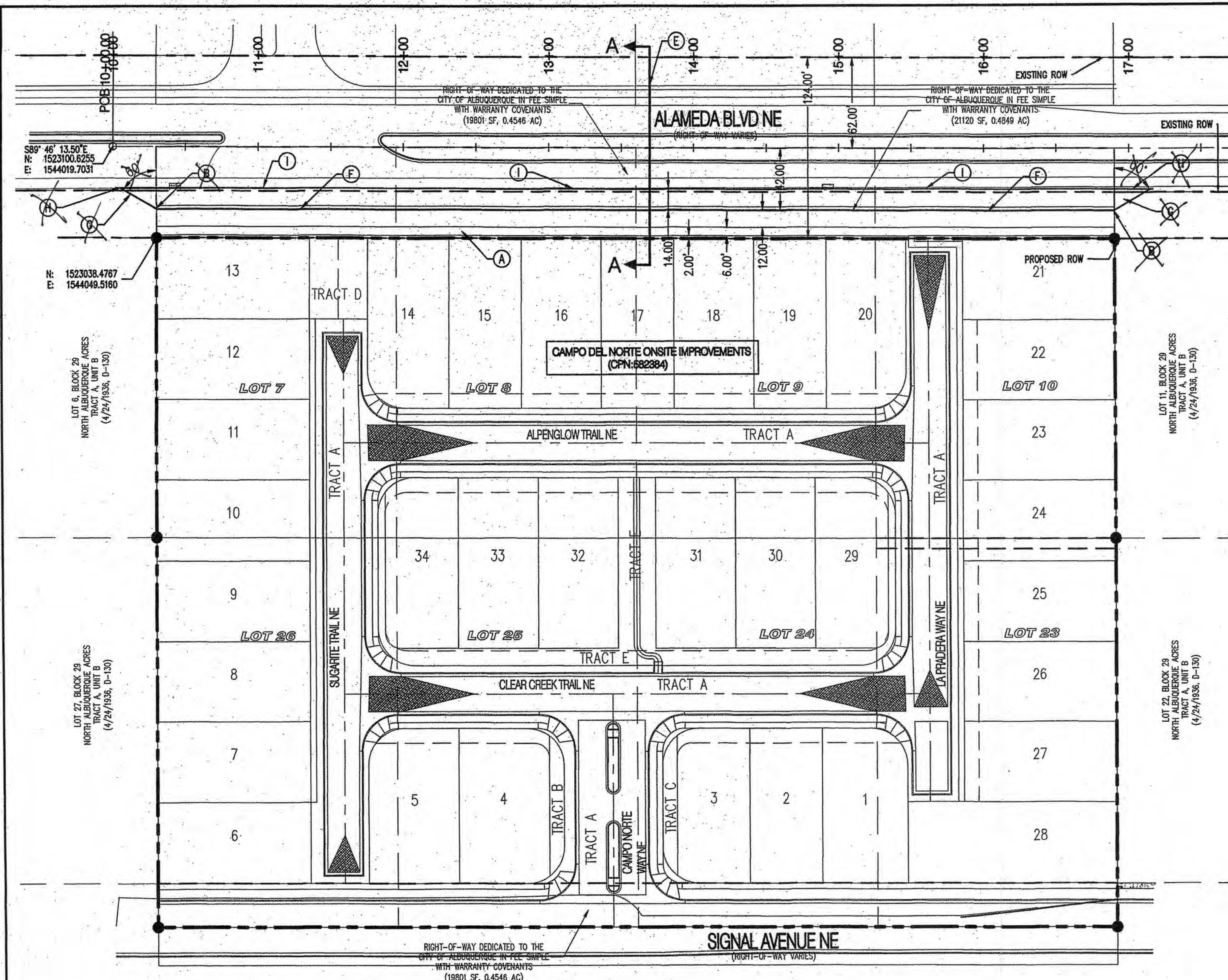


	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT			
ALAMEDA CROSSING PUBLIC INFRASTRUCTURE IMPROVEMENTS GRADING PLAN				
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.		Zone Map No.	Sheet	Of
582385		C-18-Z	4	10



SHEET 3 OF 16

RECORD DRAWING



- ☐ LANDSCAPE BUFFER SWALE NOTES
1. FOR MORE LANDSCAPE BUFFERS, GREATER THAN 10 FEET, THE MAXIMUM DEPTH IS 15 INCHES.
 2. LANDSCAPE BUFFERS 3 FEET AND LESS IN WIDTH DO NOT REQUIRE THE GRADED SWALE, BUT STILL REQUIRE THE EROSION PROTECTION PER NOTES 5 AND 6 BELOW.
 3. FINAL GRADE OF DIRT TO BE 1 TO 2 INCHES BELOW TOP OF CURB AND TOP OF SIDEWALK GRADE.
 4. SURFACE BETWEEN BACK OF CURB AND SIDEWALK TO BE COVERED WITH GRAVEL MULCH (MINIMUM $\frac{3}{4}$ " COBBLES OR RIB-RAP).
 5. LANDSCAPE FABRIC IS RECOMMENDED, BUT NOT REQUIRED, BETWEEN THE DIRT AND THE STONE. IF LANDSCAPE FABRIC IS TO BE USED IT IS TO BE PETRYFARB.

- KEYED NOTES**
- A. INSTALL 6' SIDEWALK. SEE THIS SHEET FOR ALAMEDA BLVD ROADWAY SECTION.
 - B. TRANSITION FROM STANDARD CURB AND GUTTER TO 6" ASPHALT CURB THROUGHOUT LENGTH OF ASPHALT CURB.
 - C. SEE THIS SHEET FOR ALAMEDA BLVD NE PAVEMENT WIDENING.
 - D. MATCH EXISTING ROADWAY CROSS SLOPE (ANTICIPATED TO BE 2%).
 - E. SEE THIS SHEET FOR ALAMEDA BLVD NE ROADWAY SECTION.
 - F. STANDARD CURB AND GUTTER PER COA STD DWG 2415A.
 - G. 6" ASPHALT CURB
 - H. CONNECT PROPOSED ASPHALT CURB TO EXISTING.
 - I. SAWCUT AND REMOVE EXISTING 6" ASPHALT CURB AND REPLACE WITH 4" WIDE SOLID WHITE STRIPE.

- ## GENERAL NOTES
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/ OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 5. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS.
 7. ANY DAMAGE TO THE EXISTING FACILITIES, (C&G), PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
 8. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
 9. FOR CURB RETURN & QUARTER POINT ELEV INFO REFER TO INDIVIDUAL PAVING SHEETS.
 10. MH RIMS & CATCH BASIN INLET ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
 11. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.

[illegible]

<u>LEGEND</u>	
— — — — —	PROPOSED R/W LINE
_____	PROPERTY LINE
=====	PROPOSED STANDARD CURB & GUTTER
=====	PROPOSED MOUNTABLE (ROLL TYPE) CURB AND GUTTER
— — — — —	PROPOSED SUBDIVISION BOUNDARY
— — — — —	EASEMENT
	PROPOSED FIRE HYDRANT
	PROPOSED WATER VALVE
	PROPOSED GAS MANHOLE
	PROPOSED WATER METER
	PROPOSED CURB RAMP
	PROPOSED STREET LIGHT
	STREET SIGN LOCATION

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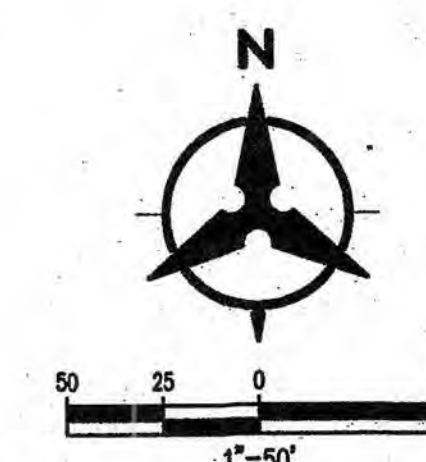
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

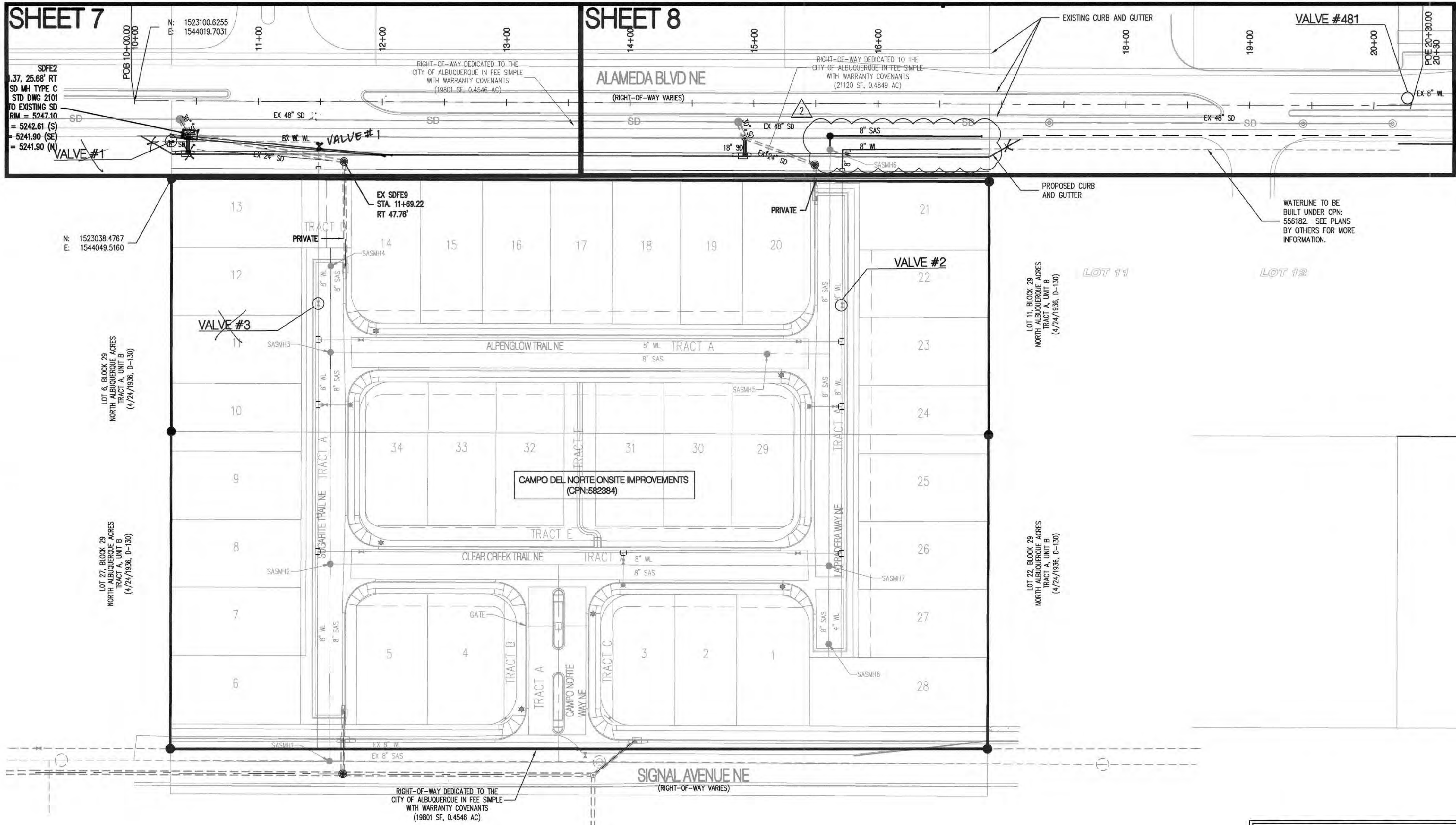
ALAMEDA CROSSING PUBLIC INFRASTRUCTURE IMPROVEMENTS
PAVING PLAN



Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	582385	Zone Map No.	C-18-Z	Sheet	5	Of	10
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3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND ELECTRONIC MARKER SPHERES (E.M.S.) AT THE END OF EACH SANITARY SEWER SERVICE. E.M.S. WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #9.
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6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
7. CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
8. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, LANDSCAPING, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
9. MH RIMS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
10. SAS, STORM DRAIN AND WATERLINE STATIONING FOLLOWS CL OF ROAD, UNLESS OTHERWISE NOTED.
11. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
12. FLOWLINE ELEVATIONS FOR DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.
13. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
14. ALL WATERLINE FITTINGS, VALVES, BENDS, TEES, CROSSES AND APPURTENANCES SHALL USE RESTRAINED JOINTS UNLESS OTHERWISE NOTED ON THE PLANS.
15. AT UTILITY CROSSINGS WHERE LESS THAN 1 FOOT OF SEPARATION FROM STORM DRAIN PIPE OR MANHOLE IS PRESENT LEAN FILL IS TO BE USED 1) FOR A DISTANCE OF 5 FEET ON EACH SIDE OF THE SD C FROM TOP OF STORM DRAIN TO BOTTOM OF SANITARY SEWER OR WATER LINE OR 2) FOR 10 FEET ALONG SANITARY SEWER OR WATER LINE CENTERED ON THE MANHOLE WITH DEPTH EQUAL TO 2X SEWER OR WATER LINE DIAMETER.
16. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
17. TRACER WIRE ON ALL PUBLIC WATERLINE AND SANITARY SEWER LINES.

LEGEND

---	PROPERTY LINE
---	NEW EASEMENT
---	EXISTING SANITARY SEWER
---	EXISTING WATER LINE
---	EXISTING STORM DRAIN
---	EXISTING CAP
---	EXISTING VALVE
---	EXISTING FIRE HYDRANT
---	EXISTING SANITARY SEWER MANHOLE
---	EXISTING STORM DRAIN MANHOLE
---	PROPOSED SANITARY SEWER
---	PROPOSED WATER LINE
---	PROPOSED VALVE
---	PROPOSED HYDRANT
---	PROPOSED CAP
---	PROPOSED WATER METER
---	PROPOSED SANITARY SEWER MANHOLE
---	PROPOSED STORM DRAIN MANHOLE
---	PROPOSED STREET LIGHT

WATER AUTHORITY APPROVAL OF RECORD DRAWINGS

THIS SET OF DRAWINGS IS ACCEPTED FOR RECORD PURPOSES BY:

Randall J Carroll DATE: 9/29/2022
RANDALL J CARROLL, P.E.

0000556182-2022

WATER SHUT-OFF REQUIREMENTS:

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 WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT http://www.abqwa.org/Water_Shut_off_and_Turn_on_Procedures.aspx

CONTRACTOR SHALL ASBUILT ALL SANITARY SEWER SLOPES ON ASBUILT DRAWINGS

NOTE: "DRAINS TO RIVER" MEDALLION SHALL BE INSTALLED ON EACH NEW STORM INLET. ONE MEDALLION PER INLET WILL BE PROVIDED BY THE CITY TO THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING. INSTALLATION DIRECTIONS TO BE PROVIDED BY CITY AT PRE-CONSTRUCTION MEETING.

MATERIALS:

SAS LINE: SD-35 PVC (UNLESS OTHERWISE NOTED ON PLANS)
WATER LINE: C900-PVC (DR 18) (UNLESS OTHERWISE NOTED ON PLANS)
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ALL WATER METERS 3/4" (UNLESS OTHERWISE NOTED ON PLAN)

STANDARD DRAWINGS

SAS MH TYPE 'C' & TYPE 'E', STD DWG 2101 & 2102
SD MH TYPE 'C' & TYPE 'E', STD DWG 2208 & 2209
VALVE BOXES, STD DWG 2326
RING AND COVER, STD DWG 2328
SAS SERVICES, STD DWG 2125
WATER SERVICE, STD DWG 2362
METER BOX, STD DWG 2361 & 2366
FIRE HYDRANTS, STD DWG 2340

NOTE: ALL OF THE ABOVE ITEMS SHALL BE CONSTRUCTED PER THE STD DWG'S SHOWN UNLESS OTHERWISE NOTED.

WATER SHUT-OFF PLAN:

FOR CONNECTION VALVE CLOSED
ALAMEDA ROAD VALVE #481
LA PRADERA WAY VALVE #2
SUGARITE TRAIL NE VALVE #3

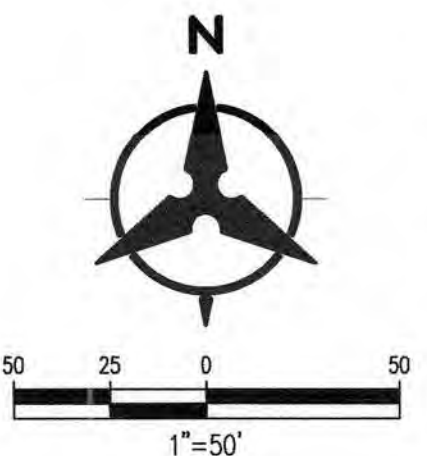
CONTRACTOR WILL BE RESPONSIBLE FOR FLUSHING, DISINFECTING, AND TESTING THE LINES AS REQUIRED BY THE CITY OF ALBUQUERQUE

RESTRAINING JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS		
	4"	6"	8"
8" X 6" TEE		1	
8" X 8" TEE			1
8" X 4" REDUCER	69		
GATE VALVE/CAP		74	96
45° HORIZ. BEND		7	9
90° HORIZ. BEND		16	20
22.5° VERT. BEND (UPPER)		9	11
22.5° VERT. BEND (LOWER)		3	4
11.25° VERT. BEND (UPPER)		5	6
11.25° VERT. BEND (LOWER)		2	2

NOTE:

1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE POINTS WITHIN 20 LF OF MJ SHALL BE RESTRAINED AT THE CONTRACTOR'S EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE).
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING, UNLESS OTHERWISE NOTED.
6. RESTRAINED LENGTH IS ON LARGE SIDE ON ALL REDUCERS.
7. RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.
8. JOINT RESTRAINT LENGTH SHOWN FOR TEES REFERS TO THE BRANCH SECTION CASES.



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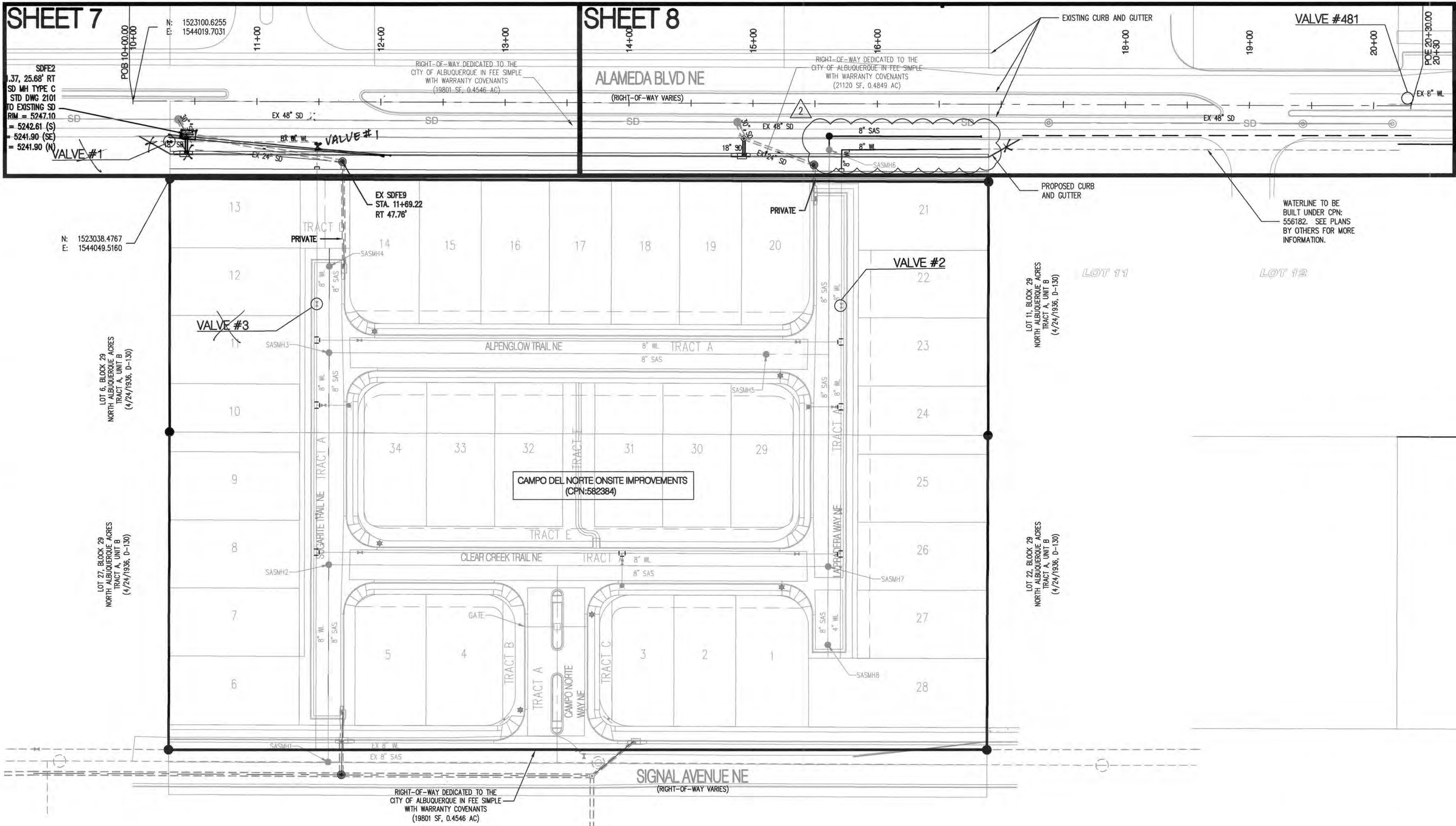
ALAMEDA CROSSING PUBLIC INFRASTRUCTURE IMPROVEMENTS OVERALL UTILITY PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED Dec. 1, 2021 DESIGN REVIEW COMMITTEE	APPROVED Dec. 1, 2021 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of

582385

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LEGEND

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---	EXISTING WATER LINE
---	EXISTING STORM DRAIN
---	EXISTING CAP
---	EXISTING VALVE
---	EXISTING FIRE HYDRANT
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---	PROPOSED HYDRANT
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ALAMEDA ROAD VALVE #481
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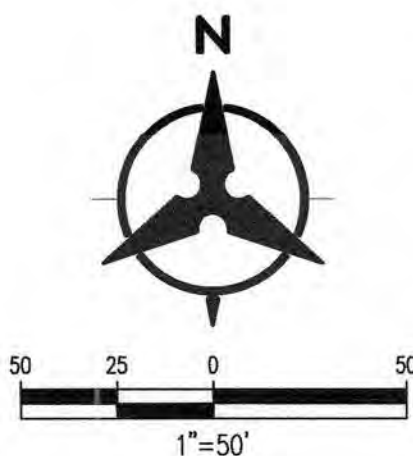
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

ALAMEDA CROSSING PUBLIC INFRASTRUCTURE IMPROVEMENTS
OVERALL UTILITY PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED Dec. 1, 2021 DESIGN REVIEW COMMITTEE	APPROVED Dec. 1, 2021 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of

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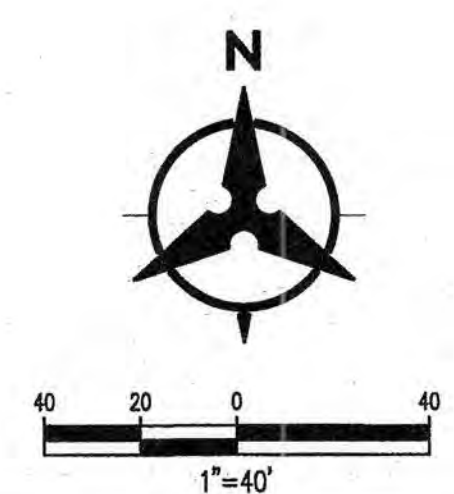
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CONTRACTOR SHALL VERIFY OTHER ADJACENT PROJECTS PRIOR TO CONSTRUCTION. IF OTHER PROJECTS HAVE BEEN CONSTRUCTED, CONTRACTOR SHALL ALIGN PROPOSED WATERLINE WITH EXISTING WATERLINE. IF THIS PROJECT IS CONSTRUCTED FIRST, OTHER PROJECTS WILL NEED TO VERIFY AND MATCH ACCORDINGLY.

AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAW-CUT EDGES SHALL BE STRAIGHT AND CLEAN, AND LONGITUDINAL JOINS 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.

STORM DRAIN TANGENT TABLE			
ID	BEARING	LENGTH	SLOPE
T1	S00°08'20"E	15.58'	1.5%



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 - STORM DRAIN GRATES PER MODIFIED COA STD DWG 2220.
 - CURB AND GUTTER REMOVALS SHALL BE TO THE NEAREST JOINT.

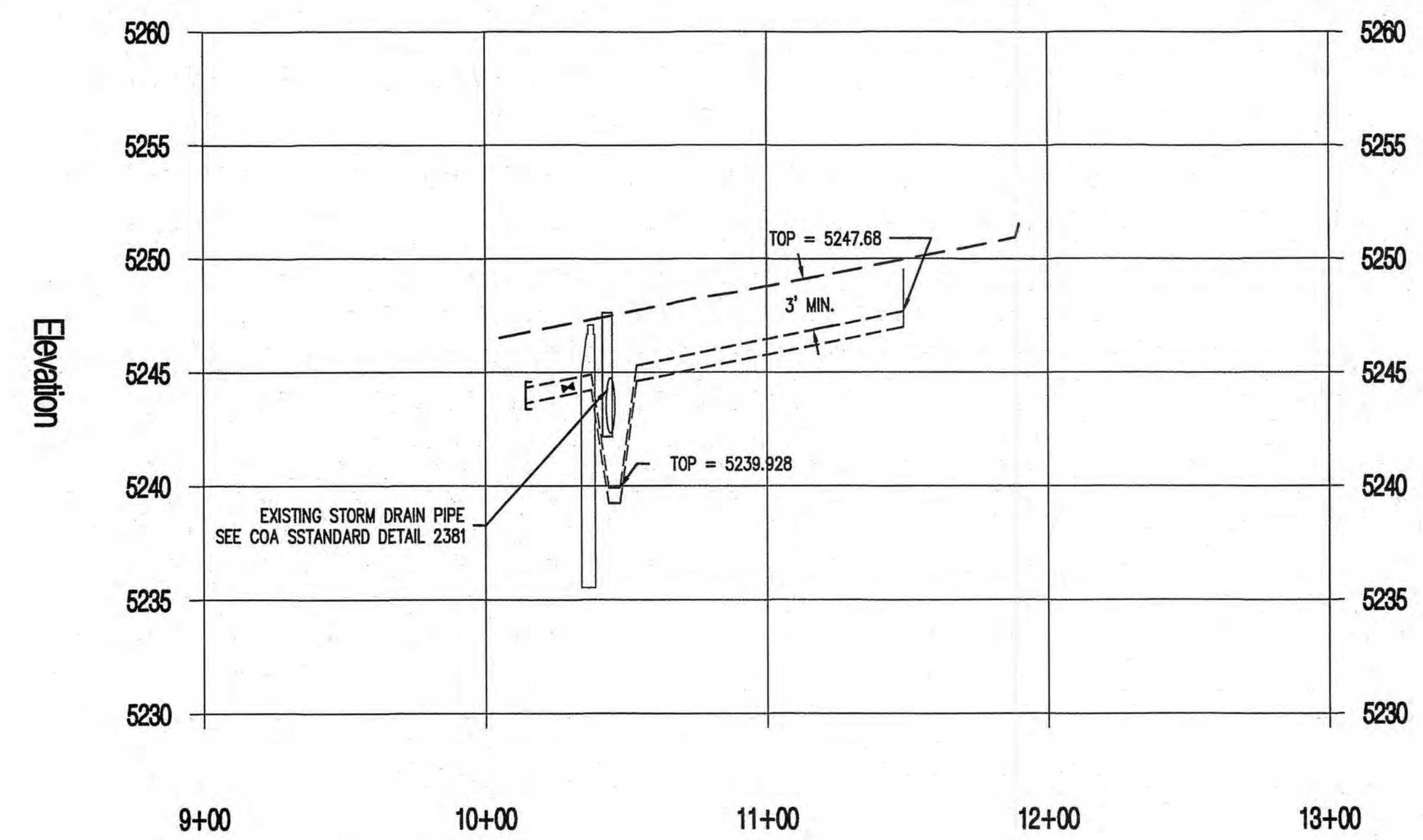
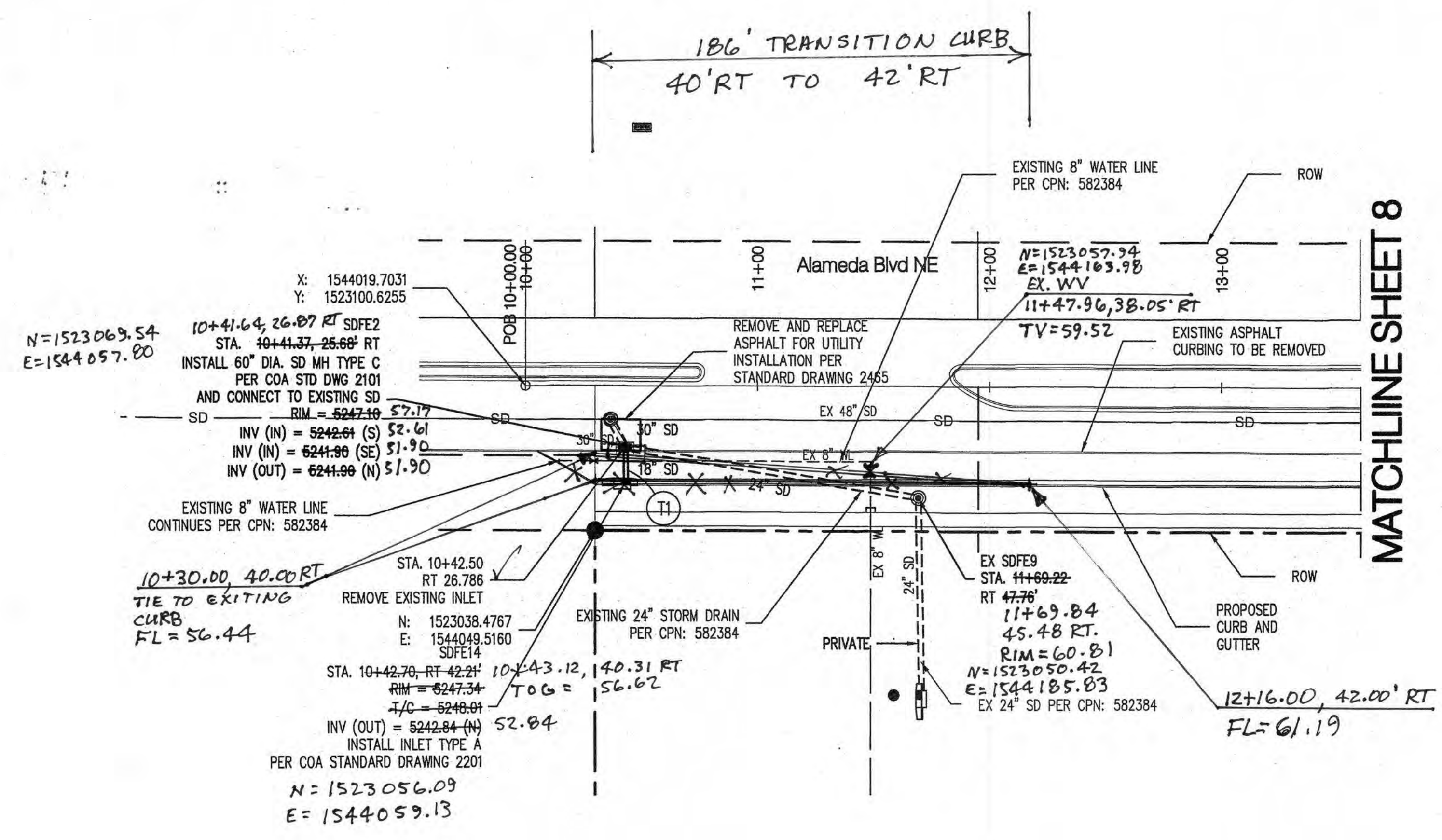
- LEGEND**
- DOUBLE WATER METER
 - SINGLE WATER METER
 - PROPOSED WATER VALVE
 - SAS LATERAL
 - SAS MANHOLE
 - STORM DRAIN MANHOLE
 - STORM DRAIN INLET
 - PROPOSED FIRE HYDRANT
 - EXISTING WATER VALVE

"AS-BUILT" LOCATION OF MANHOLES & VALVES			
VALVE #	NORTHING	EASTING	
GV #1	1523057.94	1544163.98	
GV #2	1522936.06	1544594.64	
GV #481	1523102.09	1545050.29	
GV #1	1523062.54	1544036.79	

NOTE: TO BE COMPLETED BY CONTRACTOR PRIOR TO ACCEPTANCE

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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
ALAMEDA CROSSING PUBLIC INFRASTRUCTURE IMPROVEMENTS UTILITY PLAN AND PROFILE ALAMEDA BLVD NE	
Design Review Committee	City Engineer Approval
City Project No. 582385	Zone Map No. C-18-Z
Sheet 7R	Of 10



**WATER AUTHORITY APPROVAL
OF RECORD DRAWINGS**
THIS SET OF DRAWINGS IS ACCEPTED FOR RECORD PURPOSES BY:
Randall J Carroll, P.E. DATE: 9/29/2022
RANDALL J CARROLL, P.E.

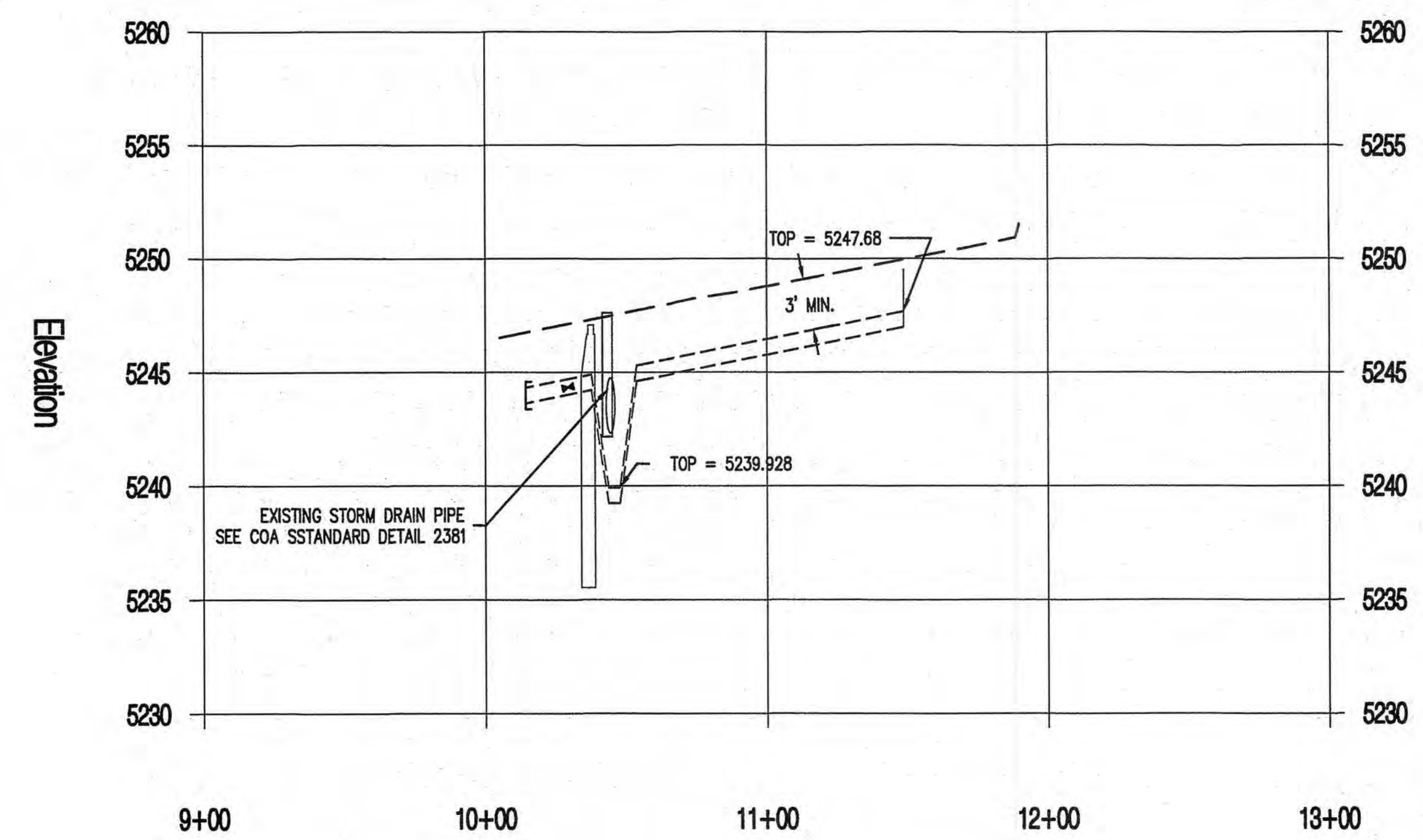
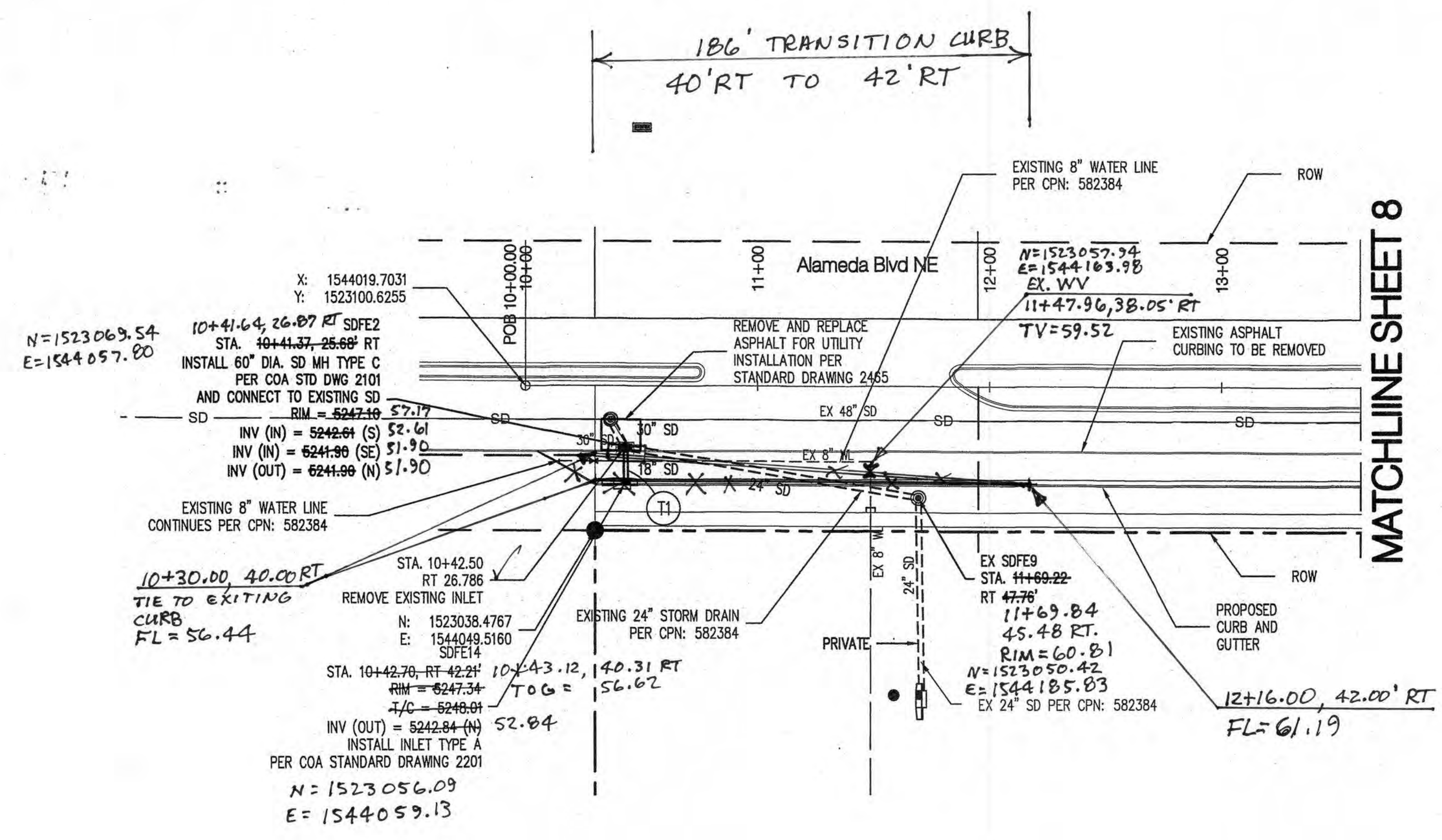
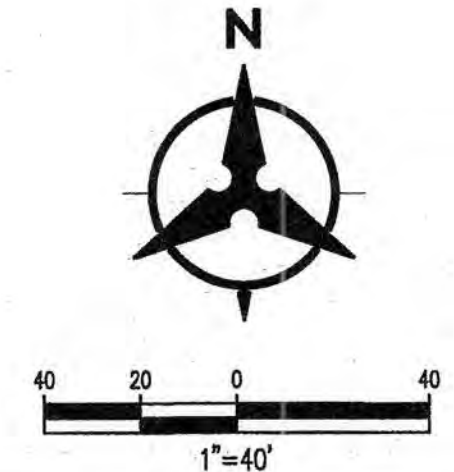
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RECORD DRAWING

CONTRACTOR SHALL VERIFY OTHER ADJACENT PROJECTS PRIOR TO CONSTRUCTION. IF OTHER PROJECTS HAVE BEEN CONSTRUCTED, CONTRACTOR SHALL ALIGN PROPOSED WATERLINE WITH EXISTING WATERLINE. IF THIS PROJECT IS CONSTRUCTED FIRST, OTHER PROJECTS WILL NEED TO VERIFY AND MATCH ACCORDINGLY.

AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAW-CUT EDGES SHALL BE STRAIGHT AND CLEAN, AND LONGITUDINAL JOINS 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.

STORM DRAIN TANGENT TABLE			
ID	BEARING	LENGTH	SLOPE
T1	S00°08'20"E	15.58'	1.5%



- GENERAL NOTES**
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.
 - ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES)
 - GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 - CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND ELECTRONIC MARKER SPHERES (E.M.S.) AT THE END OF EACH SANITARY SEWER SERVICE. EMS WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #9.
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 - CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 - CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 - ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, LANDSCAPING, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
 - MH RIMS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
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 - ALL WATERLINE FITTINGS, VALVES, BENDS, TEES, EMS, CROSSES AND APPURTENANCES SHALL USE RESTRAINED JOINTS UNLESS OTHERWISE NOTED ON THE PLANS.
 - AT UTILITY CROSSINGS WHERE LESS THAN 18" OF SEPARATION FROM STORM DRAIN PIPE OR MANHOLE IS PRESENT LEAN FILL IS TO BE USED 1) FOR A DISTANCE OF 5 FEET ON EACH SIDE OF THE SD C FROM TOP OF STORM DRAIN TO BOTTOM OF SANITARY SEWER OR WATER LINE OR 2) FOR 10 FEET ALONG SANITARY SEWER OR WATER LINE CENTERED ON THE MANHOLE WITH DEPTH EQUAL TO 2X SEWER OR WATER LINE DIAMETER.
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GV #1	1523062.54	1544036.79

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

ALAMEDA CROSSING PUBLIC INFRASTRUCTURE IMPROVEMENTS
UTILITY PLAN AND PROFILE
ALAMEDA BLVD NE

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED Nov. 24, 2020 DESIGN REVIEW COMMITTEE	APPROVED Nov. 24, 2020 CITY ENGINEER		
City Project No. 582385	Zone Map No. C-18-Z	Sheet 7R	Of 10

MATCHLINE SHEET 7

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LEGEND

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"AS-BUILT" LOCATION OF MANHOLES & VALVES

VALVE	TYPE	NORTHING	EASTING
GV #1			
GV #2			
GV #481			

NOTE: TO BE COMPLETED BY CONTRACTOR PRIOR TO ACCEPTANCE

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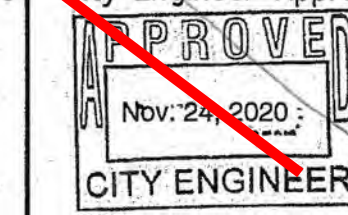
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

ALAMEDA CROSSING PUBLIC INFRASTRUCTURE IMPROVEMENTS
UTILITY PLAN AND PROFILE
ALAMEDA BLVD NE

Design Review Committee



City Engineer Approval



City Project No.

Zone Map No.

Sheet

Of

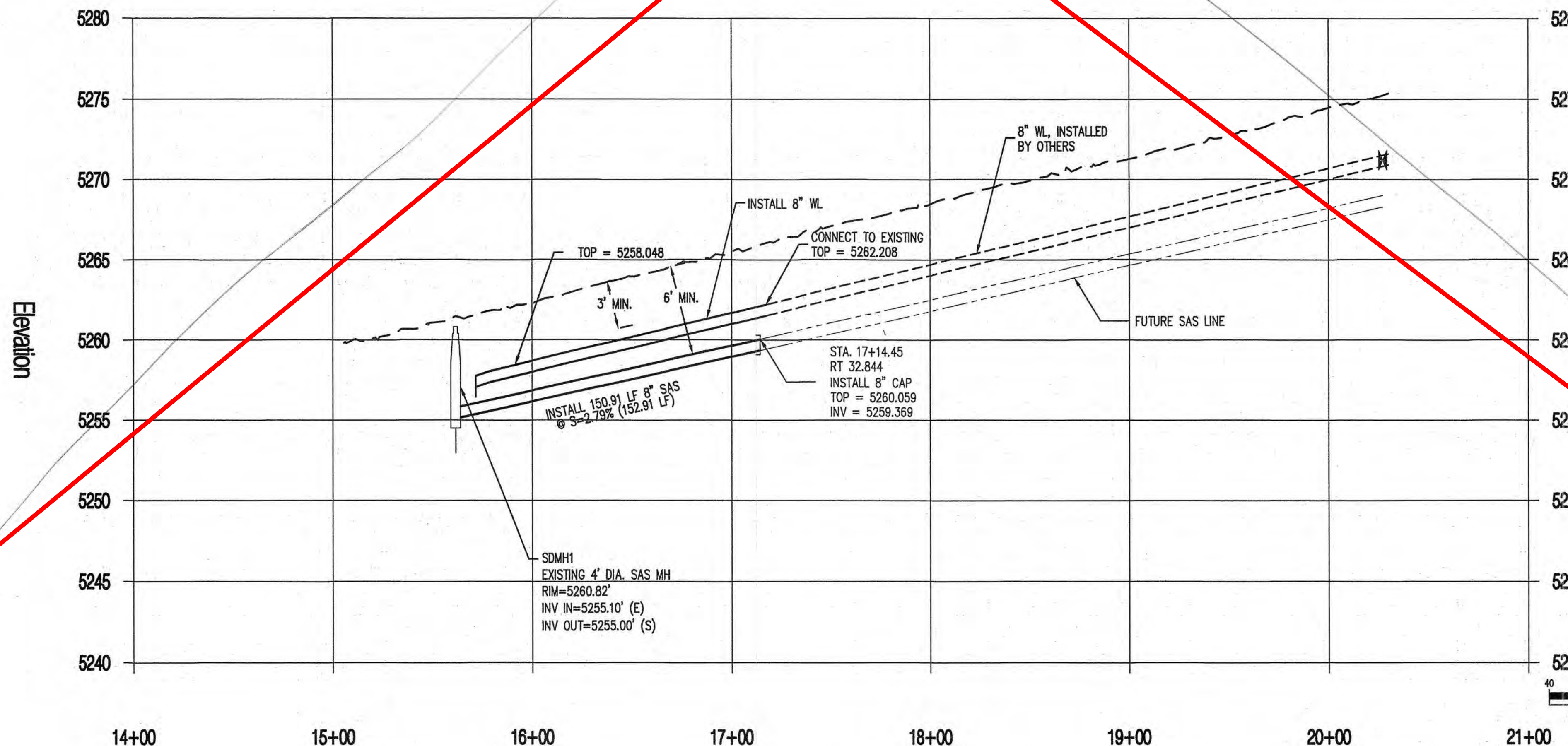
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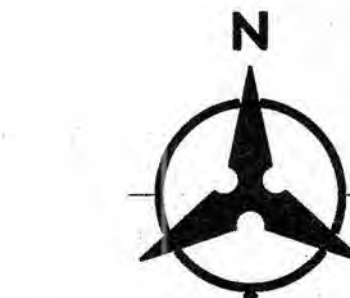
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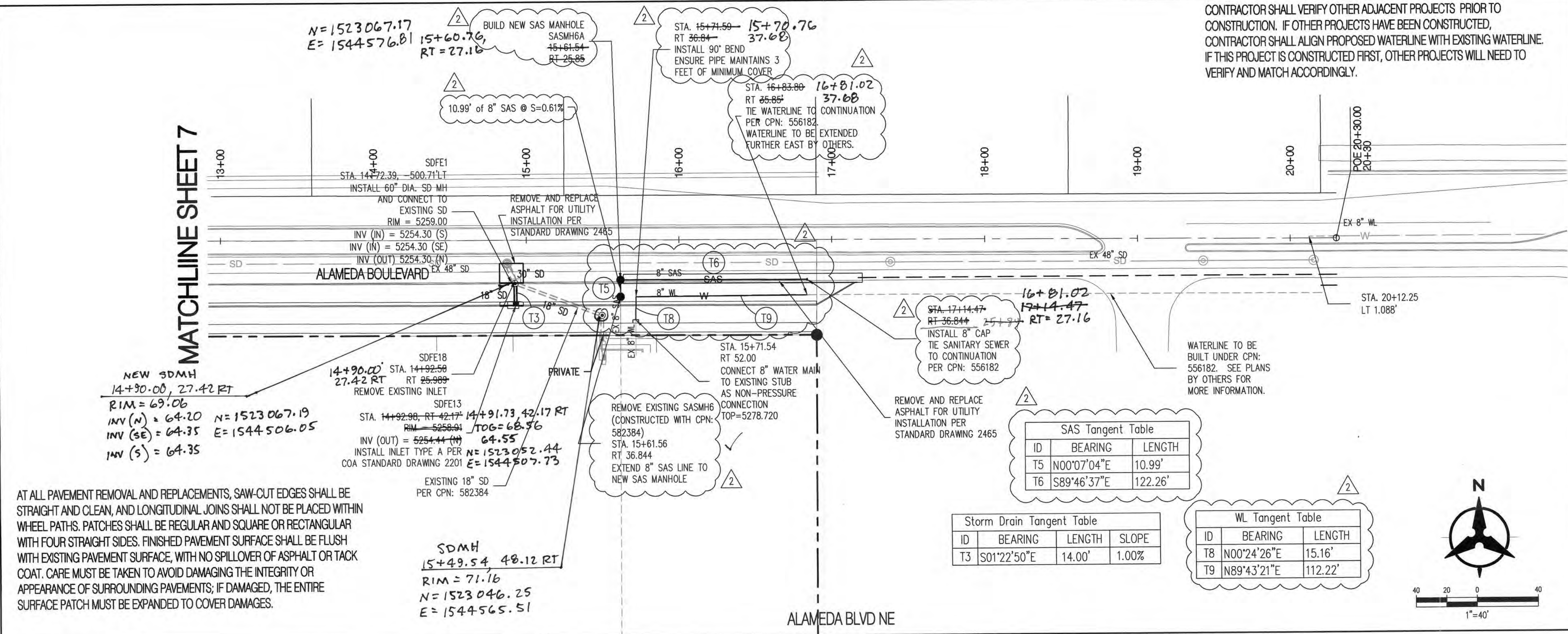


SAS Tangent Table		
ID	BEARING	LENGTH
T8	S89°46'13"E	152.91'

Storm Drain Tangent Table			
ID	BEARING	LENGTH	SLOPE
T3	S01°22'50"E	14.00'	1.00%

WL Tangent Table		
ID	BEARING	LENGTH
T8	N00°24'26"E	20.38'
T8A	N45°24'26"E	10.00'
T9	S89°35'34"E	111.36'





WATER AUTHORITY APPROVAL OF RECORD DRAWINGS

THIS SET OF DRAWINGS IS ACCEPTED FOR RECORD PURPOSES BY:

Randall J Carroll DATE: 9/29/2022
RANDALL J CARROLL, P.E.

0000556182-2022

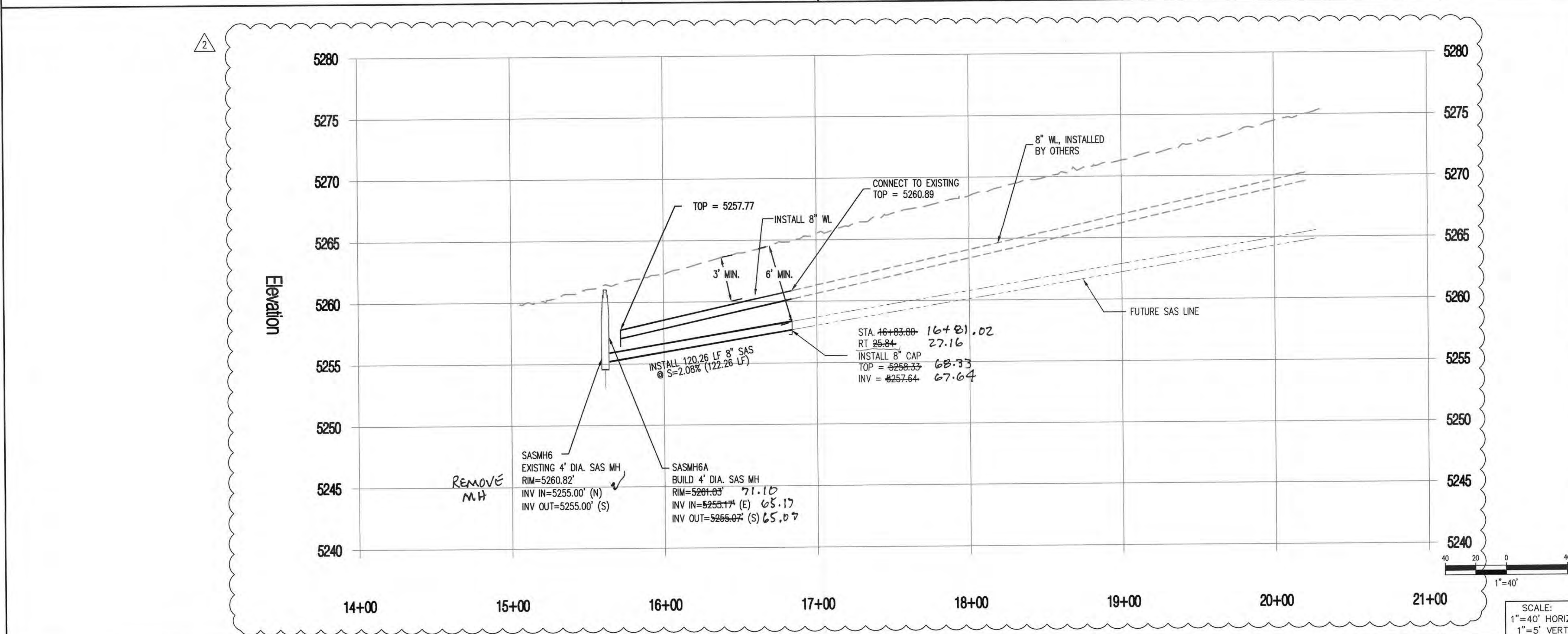
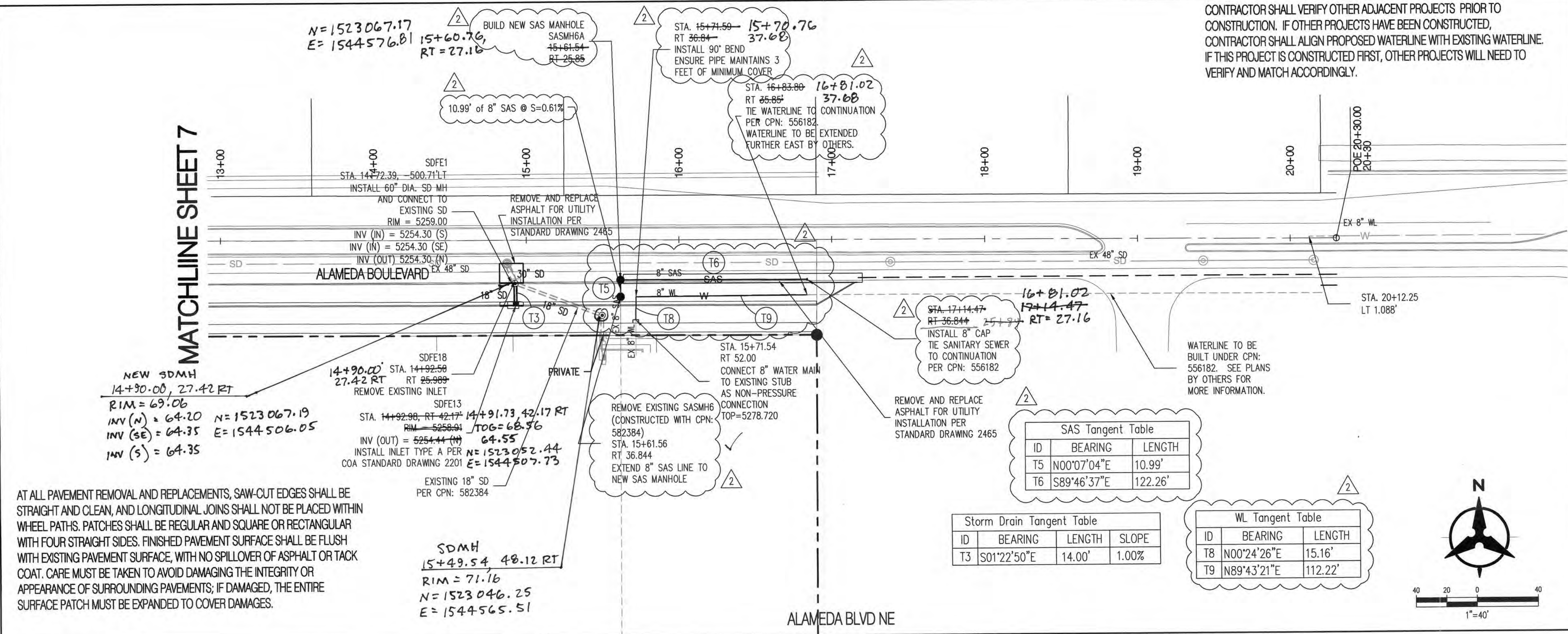
Elevation

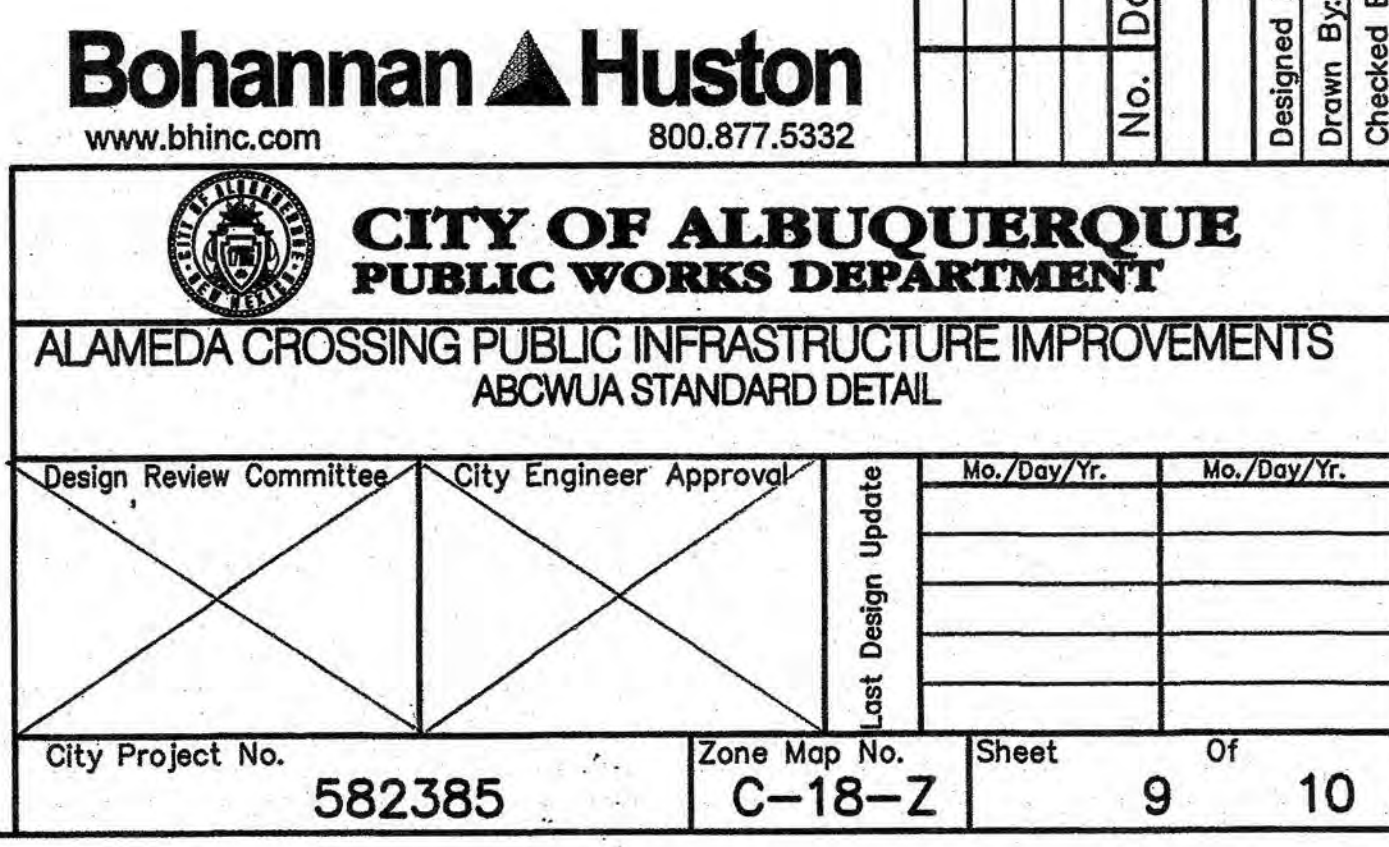
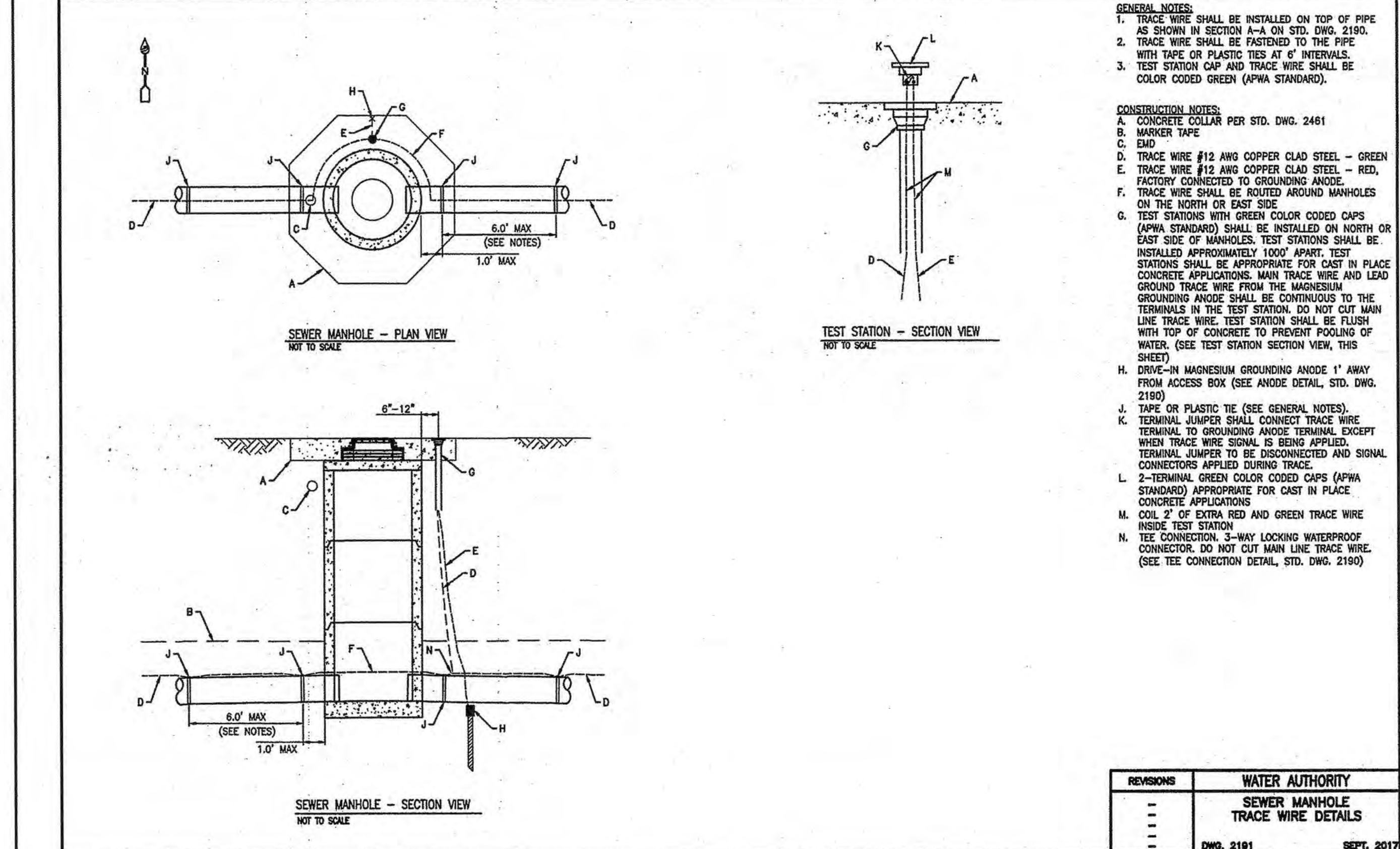
5280
5275
5270
5265
5260
5255
5250
5245
5240

14+00 15+00 16+00 17+00 18+00 19+00 20+00 21+00

SCALE: 1"=40' HORIZ. 1"=5' VERT.

Fri, 22-Oct-2021 - 9:03:am, Plotted by: SSUSMITA
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WATER VALVE - PLAN VIEW
NOT TO SCALE

WATER SERVICE
TRACE WIRE DETAIL
NOT TO SCALE

WATER LATERAL
TRACE WIRE DETAIL
NOT TO SCALE

NOTE:
1. THIS WATER LATERAL DETAIL SHALL BE USED WHERE WATERLINE CROSSES RIGHT-OF-WAY LINE WITHOUT WATER METER. ALL LINES SHALL BE TRACED TO RIGHT-OF-WAY WITH GROUNDING ANODE AT RIGHT-OF-WAY.

- GENERAL NOTES:**
1. TRACE WIRE SHALL BE INSTALLED ON TOP OF PIPE AS SHOWN IN SECTION A-A ON STD. DWG. 2302.
 2. TRACE WIRE SHALL BE FASTENED TO THE NON-PEX PIPE WITH TAPE OR PLASTIC TIES AT 6' INTERVALS. USE PLASTIC (ZIP) TIES TO FASTEN TRACE WIRE TO PEX SERVICE LINES. DO NOT USE ADHESIVE TAPE ON PEX SERVICE LINES.
 3. TRACE WIRE SHALL BE COLOR CODED BLUE (APHA STANDARD).

- A. CONCRETE COLLAR PER STD. DWG. 2461
- B. WATER MAIN
- C. WATER MAIN
- D. WATER LATERAL
- E. 1/2" AND 3/4" COPPER CLAD STEEL - BLUE FASTENED TO TOP OF PIPE (SEE SECTION A-4) STD. DWG. 2302
- F. 1/2" AND 3/4" SMALL D. RIPPED GROUND VALVES ON THE FRONT OR EAST SIDE
- G. FOR TAPPING PERMITS - IF TRACE WIRE EXISTS ON THE EAST SIDE, TRACE WIRE ON SERVICE LINE AND CONNECT TO MAIN LINE TRACE WIRE WITH 3-WAY JOINT WATERPROOF CONNECTOR. DO NOT CUT MAIN LINE TRACE WIRE (SEE TEE CONNECTION DETAIL, STD. DWG. 2302)
- H. DRUG-IN MAGNETISM GROUNDING ANODE CONNECTED TO MAIN LINE USING 3-WAY CONNECTION (SEE ANODE DETAIL, STD. DWG. 2302)
- I. TAPE OR PLASTIC TIE (SEE GENERAL NOTES)
- J. 1/2" AND 3/4" WIRE OF 1/2" SLACK DRUGED TO FRONT OF METER SERVICE, GROUP AND ZIP-TIE, BUT DO NOT CUT
- K. 1/2" AND 3/4" CONDUIT/LATERAL LINE TRACE WIRE USING TEE CONNECTION - 3-WAY JOINT WATERPROOF CONNECTOR. DO NOT CUT MAIN LINE TRACE WIRE (SEE TEE CONNECTION DETAIL, STD. DWG. 2302)
- L. EDGE OF RIGHT-OF-WAY
- M. METAL

REVISIONS	WATER AUTHORITY	
-	WATER SERVICE AND VALVE	
-	TRACE WIRE DETAILS	
-	DWG. 2365	SEPT. 2017



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

ALAMEDA CROSSING PUBLIC INFRASTRUCTURE IMPROVEMENTS
ABCWUA STANDARD DETAIL

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

City Project No.	582385	Zone Map No.	C-18-Z	Sheet	Of	10	10
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