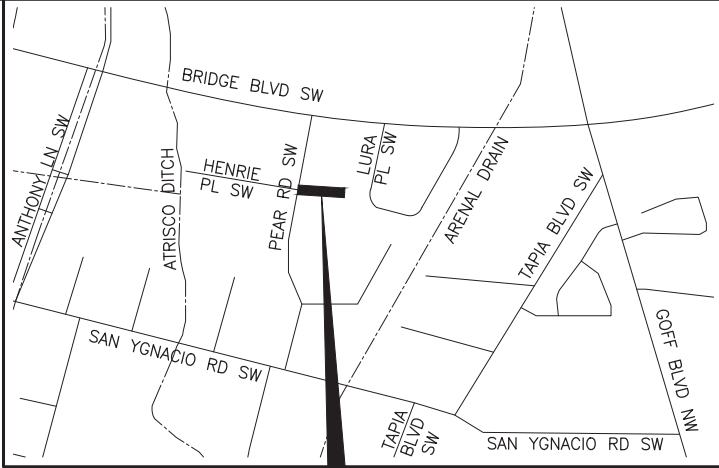


CITY OF ALBUQUERQUE
NEW MEXICO
DEPARTMENT OF
MUNICIPAL DEVELOPMENT
CONSTRUCTION PLANS



PROJECT AREA
LENGTH OF PROJECT=0.05 MILES

VICINITY MAP

ZONE ATLAS MAP L-12
SCALE: 1"=1000'

DESCRIPTION OF WORK:
ROADWAY IMPROVEMENTS ON SHARI VISTA ROAD FROM PEAR ROAD TO THE END OF SHARI VISTA ROAD. INCLUDES THE ADDITION OF CURB AND GUTTER AND SIDEWALK ON THE NORTH AND SOUTH SIDE AND DRAINAGE IMPROVEMENTS.

This project completed by Bernalillo County.
As-builts not verified by City of Albuquerque.



NOVEMBER 2021

SHARI VISTA ROAD
PEAR RD SW TO SHARI VISTA RD SW

CPN 5538.92

As-Builts Prepared under
the Responsible Direction of:



March 27, 2023

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Kevin J. Murtagh, of the firm of Bohannon Huston, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as shown on these drawings (Shari Vista Road) 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 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 the surveyor, Rex J. Vogler., NMRPS No. 10466.

05/02/2023

[Handwritten Signature]

Engineer's Seal & Signature



SHEET SIZE: 11"x17"

TY LIN INTERNATIONAL

engineers | planners | scientists

500 4th Street NW Suite 403
Albuquerque, NM 87102

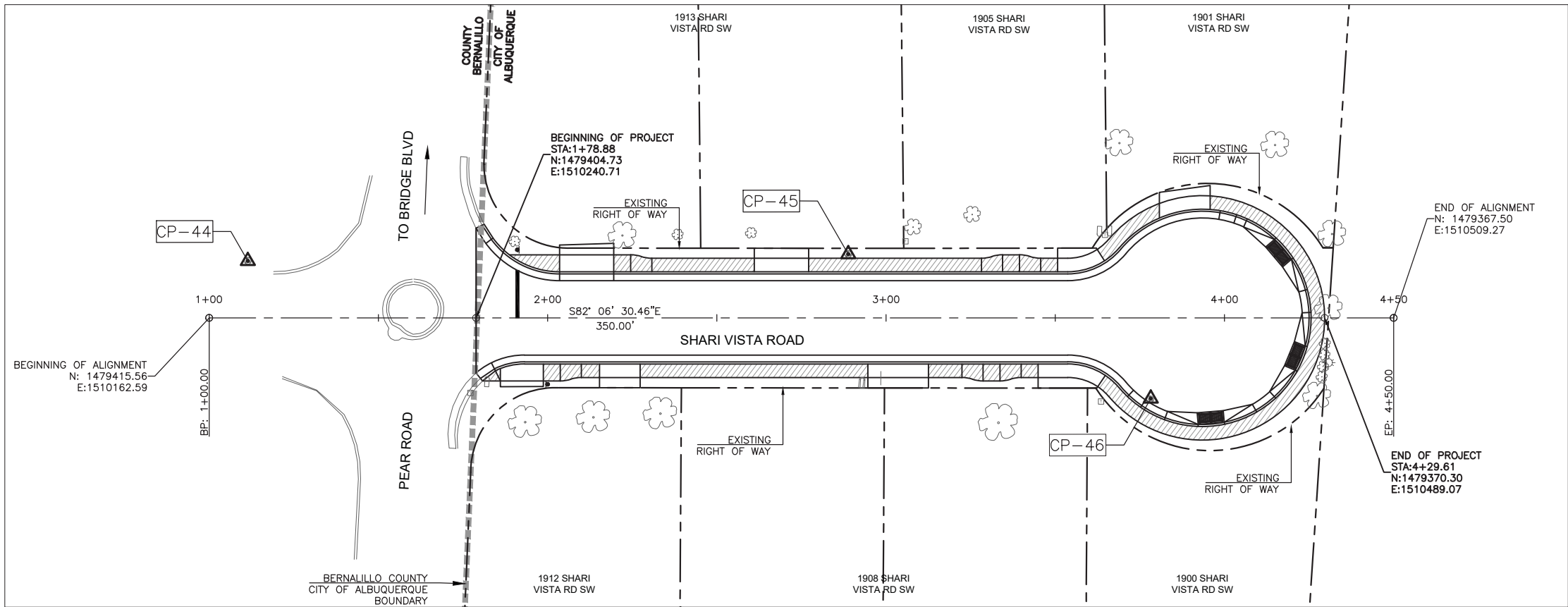


CALL NM ONE-CALL
SYSTEM SEVEN (7) DAYS
PRIOR TO ANY EXCAVATION



11/12/2021

ENGINEER STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	*****
	DRC CHAIRPERSON	<i>[Signature]</i>	11/18/2021	APPROVED FOR CONSTRUCTION
	TRANSPORTATION	<i>[Signature]</i>	11/12/2021	
	WATER/WASTEWATER	<i>[Signature]</i>	11/18/2021	11/30/2021
	HYDROLOGY	<i>[Signature]</i>	11/12/21	
	PARKS	<i>[Signature]</i>		
	CONST. MGMT.	<i>[Signature]</i>		CITY ENGINEER DATE
	CONST. COORD.	<i>[Signature]</i>		
CITY PROJECT NO. 5538.92				SHEET 1-1 OF 19

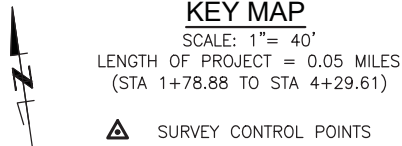


INDEX OF SHEETS

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1-2	INDEX OF SHEETS & KEY MAP
1-3 TO 1-5	GENERAL NOTES
1-6	SUMMARY OF QUANTITIES
1-7	TYPICAL SECTION
2-1	DEMOLITION PLAN
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3-1	PLAN AND PROFILE
3-2 TO 3-3	DRIVEWAY DETAILS
3-4 TO 3-5	INTERSECTION STAKING
3-6	GRADING PLAN
STORM DRAIN PLANS	
6-1 TO 6-4	STORM DRAIN DETAILS
UTILITY PLANS	
7-1	UTILITY DETAILS

ABCWUA WATER SERVICE LINE INVENTORY			
ADDRESS	STATION, OFFSET	WATER SERVICE LINE SIZE	WATER SERVICE LINE MATERIAL
1913 SHARI VISTA RD SW			
1912 SHARI VISTA RD SW			
1908 SHARI VISTA RD SW			
1905 SHARI VISTA RD SW			
1901 SHARI VISTA RD SW			
1900 SHARI VISTA RD SW			

* TABLE TO BE COMPLETED BY CONTRACTOR DURING CONSTRUCTION. INCIDENTAL TO PROJECT, NO ADDITIONAL PAYMENT OR MEASUREMENT SHALL BE MADE.



ABCWUA
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asymonds@abcwua.org

AT&T
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TRAFFIC OPS PO BOX 1293
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aflores@cabq.gov

COMCAST
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ALBUQUERQUE, NM 87103
CONTACT: MIKE MORTUS
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MCI/VERIZON
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ALBUQUERQUE, NM 87109
CONTACT: LEONARDO MAZANARES
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NEW MEXICO GAS
MAIL STOP GS-66
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ALBUQUERQUE, NM 87107
CONTACT: DANNA DOMINGUEZ
(505) 697-3139
Danna.Dominguez@nmgco.com

SURVEY CONTROL POINTS				
NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP-44	1479430.67	1510176.19	4945.14	5RB/PC
CP-45	1479408.29	1510352.22	4944.57	5RB/PC
CP-46	1479353.54	1510434.70	4944.33	5RB/PC

PROJECT CONTACTS:

BERNALILLO COUNTY
ENGINEERING MANAGER
CONTACT: RODRIGO EICHWALD, P.E.
(505) 848-1574

TYLIN INTERNATIONAL
PROJECT MANAGER
CONTACT: HOWARD CAKE
(505) 730-0882



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

SHEET SIZE: 11"x17"

	CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION	
	INDEX OF SHEETS & KEY MAP	
DESIGN REVIEW COMMITTEE Approved by Albuquerque City Engineer and Design Review Committee, Nov. 30, 2021	CITY ENGINEER APPROVAL	ZONE MAP NO. L-12
		CITY PROJECT NO. 553892
		SHEET NO. 1-2 OF 19

CONSULTANTS

BENCH MARKS

SEAL



11/12/2021

TY LIN INTERNATIONAL
engineers | planners | scientists
500 4th Street NW Suite 403F
Albuquerque, NM 87102

GENERAL NOTES

AS-BUILTS:

105. THE CONTRACTOR SHALL MAINTAIN AN UP-TO-DATE SET OF AS-BUILT PLANS FOR THE PROJECT, PROMPTLY RECORDING DATA, INCLUDING HORIZONTAL AND VERTICAL LOCATIONS FOR ALL UTILITY LINES AND ACCESSORIES, EXISTING OR NEW, REQUIRED BY THE COUNTY FOR THE PREPARATION OF RECORD DRAWINGS BY THE ENGINEER. THE CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNDER ANY DATA THAT HAS BEEN RECORDED. ANY CHANGES SHALL BE KEPT CURRENT AND AT THE PROJECT SITE AT ALL TIMES AND SHALL BE AVAILABLE TO THE PROJECT MANAGER AND PROJECT ENGINEER AT ANYTIME DURING CONSTRUCTION AND WILL BE CHECKED BY THE ENGINEER FOR ACCURACY AND COMPLETENESS EVERY TWO WEEKS. THE FINAL AS-BUILT PLANS SHALL BE SUBMITTED TO THE PROJECT MANAGER PRIOR TO FINAL PAYMENT.

ASBESTOS CEMENT PIPE REMOVAL AND DISPOSAL:

106. DESCRIPTION OF WORK: REMOVE, TRANSPORT, AND DISPOSE OF ALL ASBESTOS CEMENT (AC) PIPE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. THE WORK SPECIFIED HEREIN SHALL BE THE REMOVAL OF ALL AC PIPE, BY COMPETENT PERSONS, IN COMPLIANCE WITHIN ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF THE ASBESTOS CEMENT PIPELINE BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE PROPER ARRANGEMENTS WITH THE AUTHORIZED AGENCY, FOR THE HANDLING, REMOVAL, TRANSPORT, AND DISPOSAL OF ALL ASBESTOS CEMENT PIPE.
107. SUBMITTALS: PROOF, SATISFACTORY TO THE ENGINEER, THAT THE REQUIRED PERMITS HAVE BEEN OBTAINED, AND THAT THE ARRANGEMENTS FOR TRANSPORT AND DISPOSAL OF ASBESTOS CONTAINING WASTE MATERIALS HAVE BEEN MADE. ALL DUMP RECEIPTS, TRIP TICKETS, TRANSPORTATION MANIFESTS, AND OTHER DOCUMENTATION OF DISPOSAL SHALL BE DELIVERED TO THE PROJECT ENGINEER FOR HIS/HER RECORDS. EMPLOY A RECORD KEEPING FORMAT THAT UTILIZES A CHAIN OF CUSTODY FORM, WHICH INCLUDES THE NAMES AND ADDRESSES OF THE GENERATOR (OWNER), CONTRACTOR PICKUP SITE AND DISPOSAL SITE, THE ESTIMATED QUANTITY OF THE ASBESTOS WASTE AND TYPE OF CONTAINER, AND THE DISPOSAL SITE OPERATOR, AS THE RESPONSIBILITY FOR THE MATERIAL CHANGES HANDS. IF A SEPARATE HAULER IS EMPLOYED, HIS NAME, ADDRESS, TELEPHONE NUMBER, AND SIGNATURE MUST ALSO APPEAR ON THE FORM. EACH COPY OF THE WASTE MANIFEST IS TO BE SIGNED BY ALL PERSONS INVOLVED IN THE CHAIN OF CUSTODY OF THE ASBESTOS WASTE.
108. MEASUREMENT AND PAYMENT: THE ASBESTOS CEMENT PIPE SHALL BE REMOVED, TRANSPORTED, AND DISPOSED OF IN COMPLIANCE WITH NM SOLID WASTE MANAGEMENT REGULATIONS. THE PAYMENT FOR THIS ITEM SHALL BE MADE ON A UNIT PRICE PER LINEAR FOOT OF PIPE REMOVED BASIS.

107. SUBMITTALS: PROOF, SATISFACTORY TO THE ENGINEER, THAT THE REQUIRED PERMITS HAVE BEEN OBTAINED, AND THAT THE ARRANGEMENTS FOR TRANSPORT AND DISPOSAL OF ASBESTOS CONTAINING WASTE MATERIALS HAVE BEEN MADE. ALL DUMP RECEIPTS, TRIP TICKETS, TRANSPORTATION MANIFESTS, AND OTHER DOCUMENTATION OF DISPOSAL SHALL BE DELIVERED TO THE PROJECT ENGINEER FOR HIS/HER RECORDS. EMPLOY A RECORD KEEPING FORMAT THAT UTILIZES A CHAIN OF CUSTODY FORM, WHICH INCLUDES THE NAMES AND ADDRESSES OF THE GENERATOR (OWNER), CONTRACTOR, PICKUP, DISPOSAL SITE, QUANTITY OF WASTE, TYPE OF WASTE, TYPE OF CONTAINER, AND THE DISPOSAL SITE OPERATOR, AS THE RESPONSIBILITY FOR THE MATERIAL CHANGES HANDS. IF A SEPARATE HAULER IS EMPLOYED, HIS NAME, ADDRESS, TELEPHONE NUMBER, AND SIGNATURE MUST ALSO APPEAR ON THE FORM. EACH COPY OF THE WASTE MANIFEST IS TO BE SIGNED BY ALL PERSONS INVOLVED IN THE CHAIN OF CUSTODY OF THE ASBESTOS WASTE.

108. MEASUREMENT AND PAYMENT: THE ASBESTOS CEMENT PIPE SHALL BE REMOVED, TRANSPORTED, AND DISPOSED OF IN COMPLIANCE WITH NM SOLID WASTE MANAGEMENT REGULATIONS. THE PAYMENT FOR THIS ITEM SHALL BE MADE ON A UNIT PRICE PER LINEAR FOOT OF PIPE REMOVED BASIS.

RELEVANT NEW MEXICO REGULATIONS AND OFFICE:
NEW MEXICO SOLID WASTE MANAGEMENT REGULATIONS
TITLE 20-CHAPTER 9-PART 1
WEB SITE ADDRESS- www.nmenv.state.nm.us

ADDITIONAL ENVIRONMENTAL NOTES:

109. DISPOSAL OF UNSUITABLE MATERIALS & DEBRIS: THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER IN WRITING OF THE DETAILS OF THE DISPOSAL OPERATIONS. BORROW, MATERIALS, ROCK WASTE, VEGETATION DEBRIS, ETC., SHALL NOT BE PLACED IN WETLAND AREAS OR AREAS WHICH MAY IMPACT ENDANGERED SPECIES OR ARCHAEOLOGICAL RESOURCES. AN ARCHAEOLOGICAL SURVEY AND ENVIRONMENTAL CLEARANCE SHALL BE OBTAINED BY THE CONTRACTOR BEFORE DISPOSAL SITES ARE ACCEPTED IN ACCORDANCE WITH SECTION 107.14 OF THE NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION.
110. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, ASPHALT PAVING, CONCRETE PAVING, CURB & GUTTER, SIDEWALKS, DRIVEWAYS AND OTHER REMOVAL ITEMS SHALL BE LOCATED BY THE CONTRACTOR. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFORE. THE DISPOSAL SITE SHALL BE ENVIRONMENTALLY ACCEPTABLE AND APPROVED BY THE PROJECT MANAGER. ALSO, A PERMITTED FACILITY FOR DISPOSABLE HAZARDOUS WASTE SHALL BE LOCATED AND APPROVED BY PROJECT MANAGER.
111. CONTRACTOR ACTIVITIES IN THE VICINITY OF WATERWAYS: ALL WORK IN THE VICINITY OF LIVE STREAMS, WATER IMPROVEMENTS, WETLANDS, OR IRRIGATION SUPPLIES SHALL BE AFFECTED IN SUCH A MANNER AS TO MINIMIZE VEGETATION REMOVAL, SOIL DISTURBANCES AND EROSION. EROSION, AND CROSSINGS OF LIVE STREAMS WITH HEAVY EQUIPMENT SHALL BE MINIMIZED. AS DETERMINED BY THE PROJECT MANAGER, EQUIPMENT REFUELING, MAINTENANCE, AND CEMENT DUMPING IN THE VICINITY OF WATER CROSSINGS IS STRICTLY PROHIBITED AND SHALL BE PERFORMED IN PROPER CONTAINMENT AREAS.
112. THE CONTRACTOR SHALL ENSURE THAT DAMAGE TO OR REMOVAL OF VEGETATION WILL BE KEPT TO A MINIMUM AND THAT NO EXTRANEOUS CLEARING, GRUBBING, LAND DISTURBANCE OR EXCAVATION WILL TAKE PLACE. CONSISTENT WITH THE REQUIREMENTS OF THE NMDOT STANDARD SPECIFICATIONS SECTION 107.28 PROTECTION & RESTORATION OF PROPERTY & LANDSCAPING, SECTION 201, CLEARING & GRUBBING, AND SUBSECTION 603.32, CONTRACTOR'S OPERATIONS. THE CONTRACTOR SHALL SEE TO IT THAT TREES AND SHRUBS WITHIN THE RIGHT-OF-WAY AND ALONG THE FENCE LINES ARE NOT OVERRUN OR DAMAGED BY CONSTRUCTION EQUIPMENT UNNECESSARILY. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL HAVE TEMPORARY AND PERMANENT EROSION CONTROL. MEASURES IMPLEMENTED BY THE CONTRACTOR SHALL BE IN ACCORDANCE WITH THE NEW MEXICO WATER UTILITY ACT AND APPLIANCE CLEAN WATER ACT PERMITS AND REGULATIONS. THE CONTRACTOR SHALL BEAR THE FULL COST OF IMPLEMENTATION OF EROSION CONTROL. MEASURES AND VEGETATION RE-MEDIATION NECESSARY DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE DETERMINED BY THE PROJECT MANAGER AND THE ENVIRONMENTAL PROGRAM MANAGER'S REPRESENTATIVE. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT WILL BE MADE.
113. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NPDES PERMIT DURING CONSTRUCTION AND FILLING OUT THE NOTICE OF INTENT (NOI) APPLICATION, NOTICE OF TERMINATION APPLICATION, AND FULFILLING ALL OTHER NECESSARY NPDES REQUIREMENTS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE SUBMITTAL OF A POLLUTION PREVENTION PLAN AND INSPECTION REPORTS. THESE ITEMS SHALL BE PAID FOR UNDER THE BID ITEM FOR "NPDES STORM WATER PERMITTING AND SWPPP".
114. THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL CLEAN ASPHALT PAVEMENT AND CONCRETE MATERIAL TO BE REMOVED ACCORDING TO THE PLANS. CLEAN ASPHALT IS CLASSIFIED AS FILL MATERIAL AND IS NOT SUBJECT TO THE SOLID WASTE MANAGEMENT REGULATIONS OF THE NEW MEXICO ENVIRONMENTAL DEPARTMENT. CLEAN IS DEFINED AS "BEING FREE OF SOLID WASTE OR CONTAMINANTS WHICH HAVE THE POTENTIAL OF MIGRATING INTO SURFACE OR GROUND WATER". THE MATERIAL SHALL BE COVERED WITH TWO FEET OF CLEAN EARTH IMMEDIATELY AFTER DISPOSAL. THE MATERIAL CANNOT BE PLACED IN A WATERCOURSE, ARROYO, OR WITHIN 10 FEET OF GROUNDWATER. IF THE ASPHALT AND CONCRETE MATERIAL IS NOT CLEAN, IT IS SUBJECT TO THE SOLID WASTE ACT AND MUST BE PLACED IN AN APPROVED LANDFILL. ALL DISPOSAL SITES ARE SUBJECT TO THE APPROVAL OF THE RESPECTIVE LANDOWNER AND THE PROJECT MANAGER.

110. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, ASPHALT PAVING, CONCRETE PAVING, CURB & GUTTER, SIDEWALKS, DRIVEWAYS AND OTHER REMOVAL ITEMS SHALL BE LOCATED BY THE CONTRACTOR. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFORE. THE DISPOSAL SITE SHALL BE ENVIRONMENTALLY ACCEPTABLE AND APPROVED BY THE PROJECT MANAGER. ALSO, A PERMITTED FACILITY FOR DISPOSABLE HAZARDOUS WASTE SHALL BE LOCATED AND APPROVED BY PROJECT MANAGER.

111. CONTRACTOR ACTIVITIES IN THE VICINITY OF WATERWAYS: ALL WORK IN THE VICINITY OF LIVE STREAMS, WATER IMPROVEMENTS, WETLANDS, OR IRRIGATION SUPPLIES SHALL BE AFFECTED IN SUCH A MANNER AS TO MINIMIZE VEGETATION REMOVAL, SOIL DISTURBANCES AND EROSION. EROSION, AND CROSSINGS OF LIVE STREAMS WITH HEAVY EQUIPMENT SHALL BE MINIMIZED. AS DETERMINED BY THE PROJECT MANAGER, EQUIPMENT REFUELING, MAINTENANCE, AND CEMENT DUMPING IN THE VICINITY OF WATER CROSSINGS IS STRICTLY PROHIBITED AND SHALL BE PERFORMED IN PROPER CONTAINMENT AREAS.

112. THE CONTRACTOR SHALL ENSURE THAT DAMAGE TO OR REMOVAL OF VEGETATION WILL BE KEPT TO A MINIMUM AND THAT NO EXTRANEOUS CLEARING, GRUBBING, LAND DISTURBANCE OR EXCAVATION WILL TAKE PLACE, CONSISTENT WITH THE REQUIREMENTS OF THE NMDOT STANDARD SPECIFICATIONS SECTION 107.28 PROTECTION & RESTORATION OF PROPERTY & LANDSCAPING, SECTION 201, CLEARING & GRUBBING, AND SUBSECTION 603.32, CONTRACTOR'S OPERATIONS. THE CONTRACTOR SHALL SEE TO IT THAT TREES AND SHRUBS WITHIN THE RIGHT-OF-WAY AND ALONG THE FENCE LINES ARE NOT OVERRUN OR DAMAGED BY CONSTRUCTION EQUIPMENT UNNECESSARILY. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL HAVE TEMPORARY AND PERMANENT EROSION CONTROL MEASURES IMPLEMENTED BY THE CONTRACTOR SHALL BE IN ACCORDANCE WITH THE NEW MEXICO WATER UTILITY ACT AND APPLIANCE CLEAN WATER ACT PERMITS AND REGULATIONS. THE CONTRACTOR SHALL BEAR THE FULL COST OF IMPLEMENTATION OF EROSION CONTROL MEASURES AND VEGETATION RE-MEDIATION NECESSARY DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE DETERMINED BY THE PROJECT MANAGER AND THE ENVIRONMENTAL PROGRAM MANAGER'S REPRESENTATIVE. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT WILL BE MADE.

113. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NPDES PERMIT DURING CONSTRUCTION FILLING OUT THE NOTICE OF INTENT (NOI) APPLICATION, NOTICE OF TERMINATION APPLICATION, AND FULFILLING ALL OTHER NECESSARY NPDES REQUIREMENTS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE SUBMITTAL OF A POLLUTION PREVENTION PLAN AND INSPECTION REPORTS. THESE ITEMS SHALL BE PAID FOR UNDER THE BID ITEM FOR "NPDES STORM WATER PERMITTING AND SWPPP".

114. THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL CLEAN ASPHALT PAVEMENT AND CONCRETE MATERIAL TO BE REMOVED ACCORDING TO THE PLANS. CLEAN ASPHALT IS CLASSIFIED AS FILL MATERIAL AND IS NOT SUBJECT TO THE SOLID WASTE MANAGEMENT REGULATIONS OF THE NEW MEXICO ENVIRONMENTAL DEPARTMENT. CLEAN IS DEFINED AS "BEING FREE OF SOLID WASTE OR CONTAMINANTS WHICH HAVE THE POTENTIAL OF MIGRATING INTO SURFACE OR GROUND WATER". THE MATERIAL SHALL BE COVERED WITH TWO FEET OF CLEAN EARTH IMMEDIATELY AFTER DISPOSAL. THE MATERIAL CANNOT BE PLACED IN A WATERCOURSE, ARROYO, OR WITHIN 10 FEET OF GROUNDWATER. IF THE ASPHALT AND CONCRETE MATERIAL IS NOT CLEAN, IT IS SUBJECT TO THE SOLID WASTE ACT AND MUST BE PLACED IN AN APPROVED LANDFILL. ALL DISPOSAL SITES ARE SUBJECT TO THE APPROVAL OF THE RESPECTIVE LANDOWNER AND THE PROJECT MANAGER.

115. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEANUP OF SPILLS ASSOCIATED WITH PROJECT CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, ETC., WHICH MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING DISCOVERIES OF PAST SPILLS AND OF CURRENT SPILLS NOT ASSOCIATED WITH CONSTRUCTION. REPORTS SHALL BE MADE IMMEDIATELY TO THE NM ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE AT 827-9329. NON-EMERGENCIES MAY BE REPORTED TO 428-2500.

116. CONTRACTOR SHALL CONFORM TO ALL LOCAL AND FEDERAL DUST AND EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY DUST CONTROL OR EROSION CONTROL PERMITS FROM THE APPROPRIATE REGULATORY AGENCIES.

117. WATERING, AS REQUIRED FOR CONSTRUCTION DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL IN COMPLIANCE WITH GOVERNMENT ORDINANCES. THE CONTRACTOR SHALL COORDINATE WITH ABCWA FOR WATER AVAILABILITY AND USE. THE CONTRACTOR SHALL SUPPLY ALL EQUIPMENT AND MATERIALS NECESSARY FOR PROVIDING WATER.

CONSULTANTS

TY LIN INTERNATIONAL
engineers | planners | scientists
500 4th Street NW Suite 403F
Albuquerque, NM 87102

BENCH MARKS



11/12/2021

SEAL

[illegible]

DESIGNED BY: TT

DRAWN BY: CS

CHECKED BY: HC

DATE	11/2021
------	---------



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



GENERAL NOTES

SHEET SIZE: 11"x17"

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

ZONE MAP NO.

L-12

CITY PROJECT NO.

553892

SHEET NO. 1

1-5 OF 19

Approved by Albuquerque City Engineer and Design Review Committee, Nov. 30, 2021
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ESTIMATED QUANTITIES						
BID ITEM NO.	ITEM ID NO.	SPEC. REF.		ITEM DESCRIPTION	UNIT	TOTAL
1	2	621	DOT	Non-Emergency Mobilization and demobilization, including traffic control mobilization	L.S.	1
2	4	6.17	COA	Project Construction Sign	EA	1
3	5	4.4	COA	Construction Surveying by Licensed PS (minimum 2-person crew) above and beyond normal grade construction staking (such as horizontal or vertical realignments, may include preparation of printed diagrams)	HR	20
4	8	201	COA	Clearing and Grubbing; including tree removal and disposal under 12-inch diameter	ACRE	0.11
5	9	201	COA	Removal and Disposal of Trees, Removal and Disposal Greater than 12-inch diameter and less than 30-inch diameter	EA	1
6	17	410	COA	Chain Link Fence, remove and reinstall	SF	165
7	24	202 / 302	COA	Remove and replace unsuitable soil with gravel base course class II, including all export/disposal/import CIP (SAND)	CY	45
8	24	202 / 302	COA	Remove and replace unsuitable soil with gravel base course class II, including all export/disposal/import CIP (GRAVEL)	CY	25
9	25	205	COA	Import and compaction of borrow fill material R-Value 50 or above soils, loose volume by the calculated volume of the delivery truck bed. Includes rough grading to adjustment by subgrade preparation.	CY	78.1
10	27	202	COA	Export excess unclassified material, including excavation, loading, disposal (or haul and stockpiling at County sites within 20 miles) per County direction.	CY	809
11	47	301	COA	Subgrade Preparation for Residential roadways, 6-inch scarify at 100% per AASHTO T99. Scarification, Grading, Mixing, Shaping (including preliminary finish grading + or - 0.10 foot, blue top staking), Compaction, & Proofrolling. CIP, per SY (For quantities of 200 to 3,000 SY per site). City Spec, except density standard.	SY	793
12	53	302	COA	Gravel Base Course, type II, crushed, 4" depth at 95% per ASTM D-1557, place and compact. Complete in place.	SY	793
13	60	336	COA	PMBP 3-inch Lift COA SP-C, w/PG 70-22, Machine Laydown	SY	1586
14	78	407	DOT	Tack Coat	TON	1.5
15	79	408	DOT	Prime Coat	TON	0.3
16	86	340	COA	Sidewalk, 4-inch thick, Portland Cement, Concrete, incl. Subgrade preparation. Complete in place, per SY (for quantities greater than 200 SY per site) also meeting County Code 66-215, expansion joints every 18 feet	SY	186
17	97	340	COA	Drive pad 6-inch thick Portland Cement Concrete including subgrade compaction complete in place per SY (for quantities of 30 to 200 SY per site).	SY	94
18	101	343	COA	Saw cut, Remove & Dispose Existing Asphalt >4-inch thickness, over 100 SY	SY	816
19	105	340	COA	PCC Curb and gutter, all types included on COA Standard Detail Drawing 2415A & 2415B	LF	521
20	107	340	COA	PCC Header curb and/or cut-off wall, per COA Standard Detail Drawing 2415C, incl. excavation up to maximum depth, forming, stripping forms, two continuous #4 rebar reinforcement, finishing, and backfill; CIP	LF	24
21	115	343	COA	Saw cut, remove, and dispose of PC concrete curb and gutter	LF	30
22	122	704	DOT	4-inch thermoplastic roadway striping, any color, 90 mil	LF	84
23	131	450	COA	Remove and Re-set sign and post, any size, CIP	EA	1
24	132	701	DOT	Steel Posts & Base Posts for Aluminum Panel Signs, galvanized steel 1 3/4-inch Telspar post in 2-inch, 30-inch long Telspar anchor with holes, tamper resistant bolts, per NMDOT Std. Detail Drawing 701-02, CIP	LF	29
25	133	701	DOT	Panel Signs, aluminum sign (0.08 thickness) with Type IV sheeting and border with standard lettering or MUTCD symbols including hardware, CIP on existing post, anchor.	SF	4
26	145	1200	COA	Traffic control per week (7days). (15 lighted devices or less) Must comply with the most current edition of the Manual on Uniform Traffic Control Devices	WK	4
27	269	915	COA	Storm inlet, installation less than 8 feet depth, concrete per COA Standard Detail Drawings 2206 (double D), 2215, 2216, 2220	EA	3
28	295	603 / 603A / 603B	DOT	Preparation, submittal, and approval of Small Construction Activity Low Erosivity Waiver Certification to Construction General Permit from EPA for NPDES, when required by the County.	LS	1
40	XXX	-	-	Vibration Monitoring	LS	1

ABCWUA QUANTITIES						
BID ITEM NO.	ITEM ID NO.	SPEC. REF.		ITEM DESCRIPTION	UNIT	TOTAL
29	297	701	COA	SAS Trenching, backfill and compaction, 4 to 15-inch diam., < 8 feet depth	LF	132
30	326	801	COA	Replace Existing Water Valve Box and Stem to Grade in accordance with COA Standard Detail Drawings 2326, 2328, and 2329. Complete in place.	EA	1
31	336	802	COA	¾-inch Water Service, Line Replacement & Transfer, including tapping, saddle & tubing, CIP	EA	1
32	338	802	COA	¾-inch Water Meter Box Relocation where existing service line is usable	EA	1
33	348	901	COA	8-inch PVC Sewer Pipe, furnish & place in open trench	LF	108
34	355	901	COA	Man Hole Connection, <15 inches, CIP	EA	2
35	358	901	COA	Sewer line, 4 to 8-inch, Remove and Dispose trenching not incl. CIP	LF	234
36	361	905	COA	4-inch New Sewer Service Line, from main to property line, incl. trenching, backfill, compaction, EMD, testing, saddle & connection, CIP	LF	120
37	363	920	COA	4-foot Diameter Man Hole, any type, 0-6 feet depth	EA	2
38	369	920	COA	New frame and cover for storm drain or sanitary sewer manholes in conjunction in accordance with COA Standard Detail Drawing 2109, including adjustment to final grade, CIP	EA	1
39	370	920	COA	Remove/Dispose Existing 4-foot diameter MH, up to 12 feet depth	EA	2
41	XXX	802	COA	Water Meter Box, Adjust to Grade per COA Standard Drawing 2361, CIP.	EA	2

LIST OF PROJECT INCIDENTALS

1. GEOTEXTILE FABRIC INCIDENTAL TO BID ITEM #27. PAYMENT FOR STORM INLETS SHALL INCLUDE ALL EQUIPMENT, LABOR AND MATERIALS REQUIRED IN FURNISHING THE GRAVEL AND GEOTEXTILE FABRIC.
2. SIDEWALK WIDTH TRANSITIONS INCLUDED IN BID ITEM #16.



SHEET SIZE: 11"x17"

DESIGN REVIEW COMMITTEE
Approved by
City Engineer and Design
Review Committee, Nov. 30, 2021



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

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

SUMMARY OF
QUANTITIES

ZONE MAP NO.
L-12
CITY PROJECT NO.
553892
SHEET NO.
1-6 OF 19



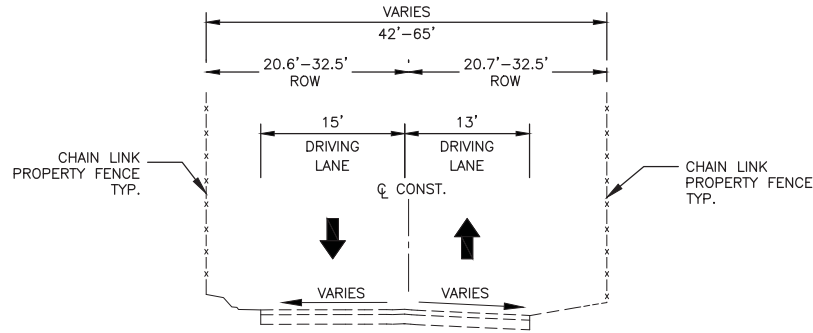
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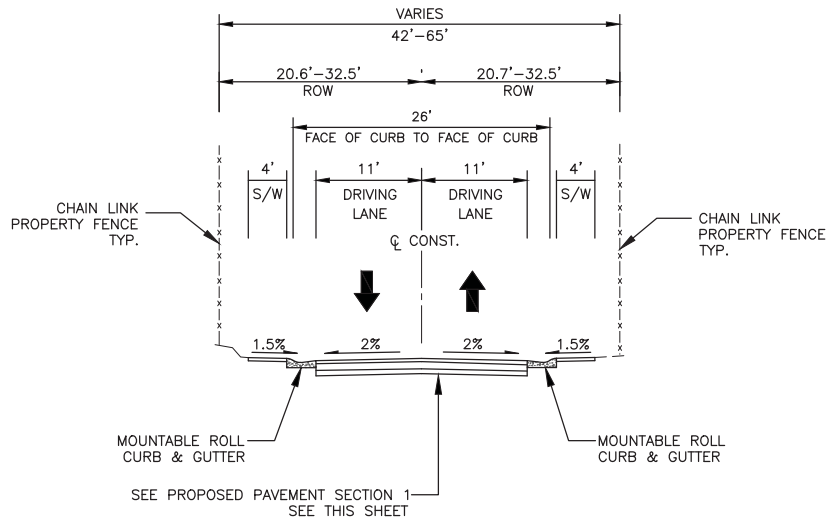
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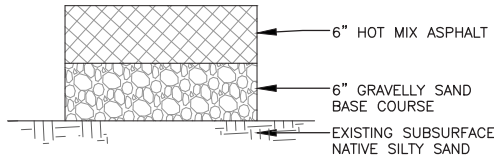
SHARI VISTA ROAD - EXISTING TYPICAL SECTION
STA 1+77.56 TO STA 3+53.29

SHARI VISTA ROAD CUL-DE-SAC
STA 3+53.29 TO STA 4+23.48

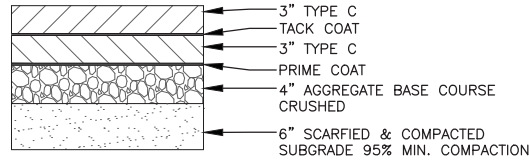


SHARI VISTA ROAD - PROPOSED TYPICAL SECTION
STA 1+77.56 TO STA 3+53.29

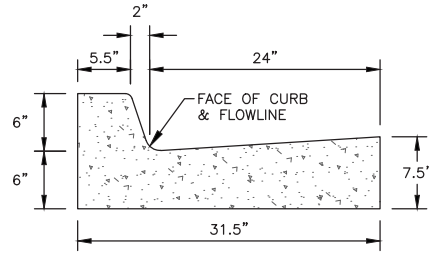
SHARI VISTA ROAD CUL-DE-SAC
STA 3+53.29 TO STA 4+29.61



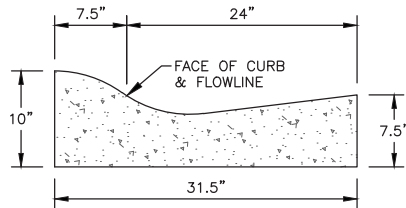
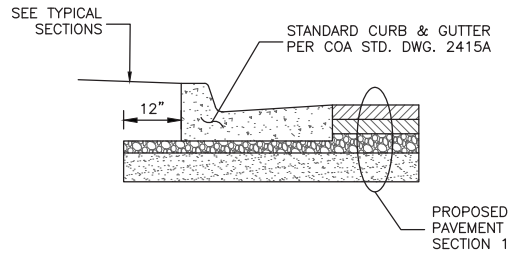
EXISTING PAVEMENT SECTION



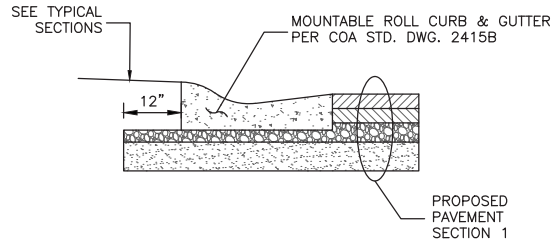
PROPOSED PAVEMENT SECTION 1



6" STANDARD CURB & GUTTER DETAIL



MOUNTABLE ROLL CURB & GUTTER DETAIL



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SHEET SIZE: 11"x17"



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TYPICAL SECTION

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

ZONE MAP NO.

Approved by Albuquerque
City Engineer and Design
Review Committee, Nov. 30, 2021

L-12

CITY PROJECT NO.
553892

SHEET NO.
1-7 OF 19

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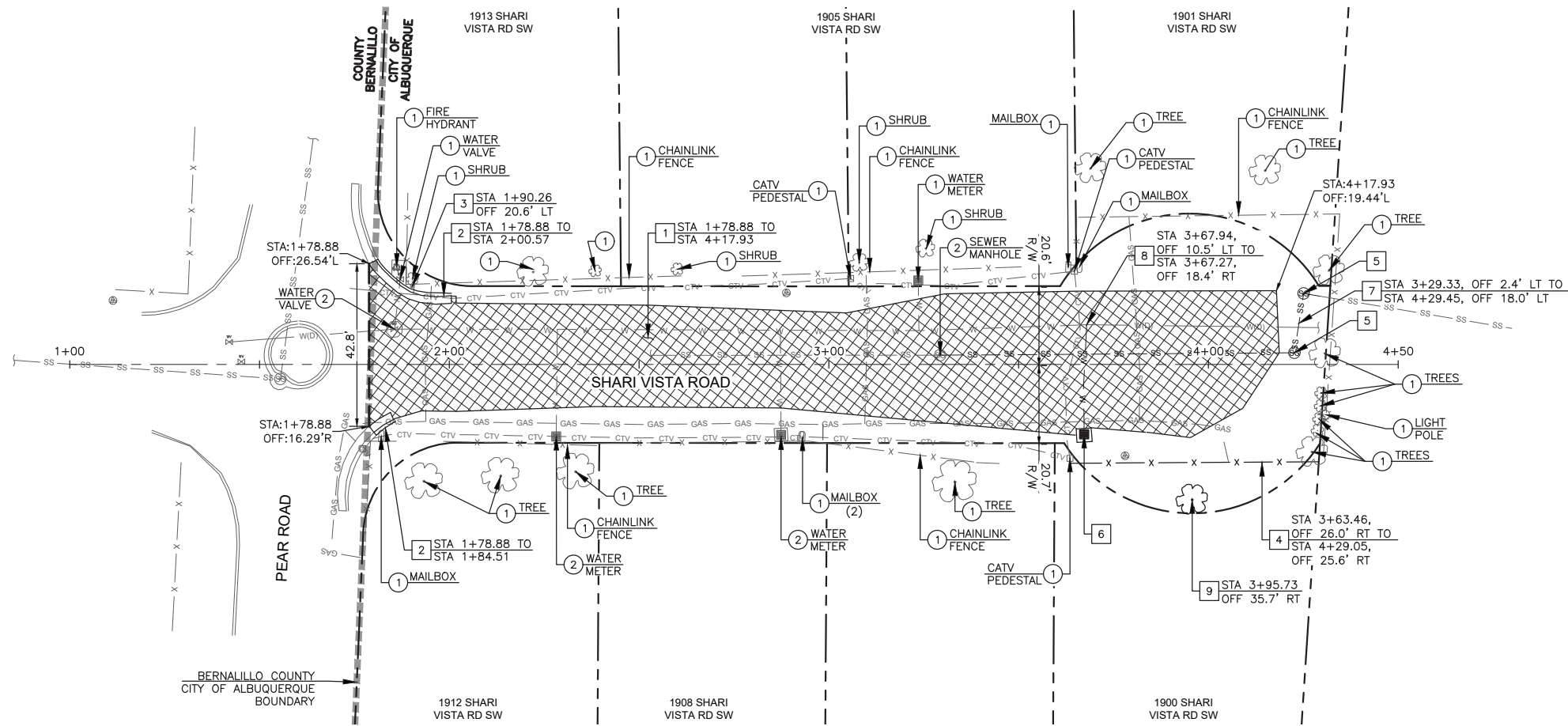
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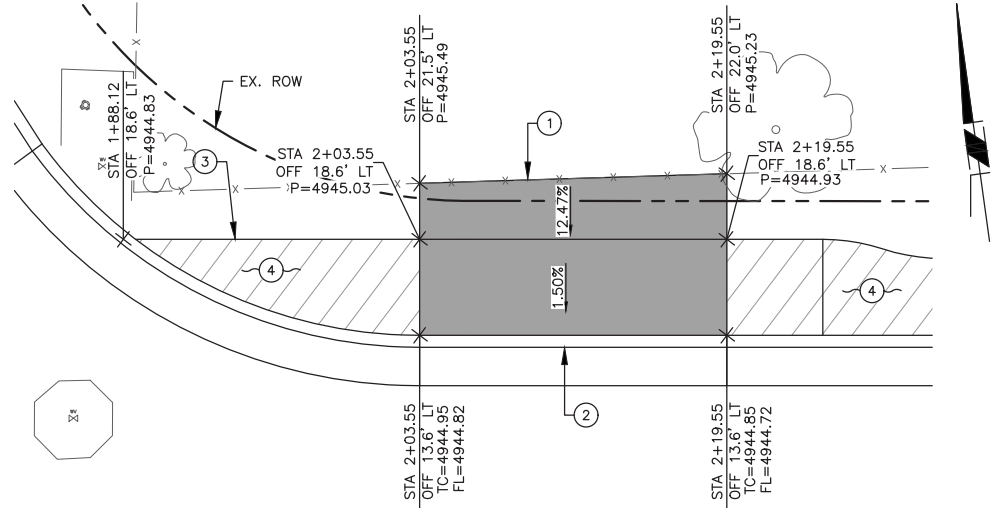
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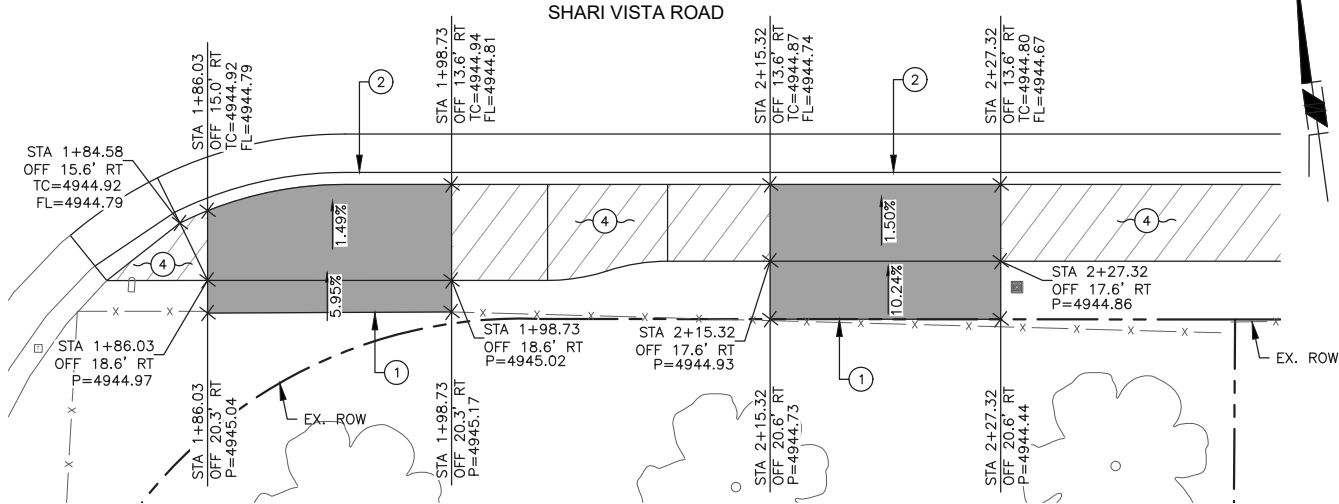
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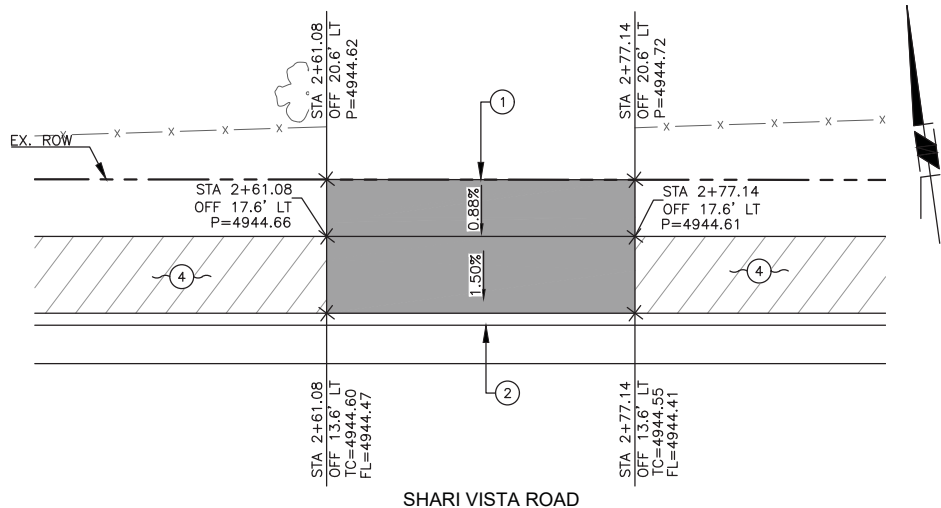
<div>REMOVAL/RELOCATE</div> <div><div><div>1</div><div>PROTECT IN PLACE</div><div></div></div><div><div>2</div><div>ADJUST TO GRADE</div><div></div></div><div><div>1</div><div>SAWCUT, REMOVE, AND DISPOSE EXISTING ASPHALT PAVEMENT</div><div>816 SY</div></div><div><div>2</div><div>REMOVE AND DISPOSE EXISTING CURB AND GUTTER TO NEAREST JOINT</div><div>30 LF</div></div><div><div>3</div><div>REMOVE AND RESET EXISTING SIGN SEE SHEET 3-1 FOR RELOCATION</div><div>1 EA</div></div><div><div>4</div><div>REMOVE AND RELOCATE EXISTING CHAINLINK FENCE, H=2.5'</div><div>66 LF 165 SF</div></div><div><div>5</div><div>REMOVE AND DISPOSE EXISTING SEWER MANHOLE</div><div>2 EA</div></div><div><div>6</div><div>REMOVE AND RELOCATE EXISTING WATER METER</div><div>1 EA</div></div><div><div>7</div><div>REMOVE AND DISPOSE EXISTING SEWER LINE</div><div>114 LF</div></div><div><div>8</div><div>REMOVE AND DISPOSE EXISTING WATER SERVICE LINE</div><div>29 LF</div></div><div><div>9</div><div>REMOVE AND DISPOSE EXISTING TREE</div><div>1 EA</div></div></div>		CONSULTANTS																											
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<div>HOWARD CAKE NEW MEXICO 16899 PROFESSIONAL ENGINEER 11/12/2021</div>																													
<table><tr><td>NO.</td><td>DATE</td><td>DESCRIPTION</td><td>BY</td></tr><tr><td></td><td></td><td>CONTRACTOR</td><td></td></tr><tr><td></td><td></td><td>AS-BUILT INFORMATION</td><td></td></tr><tr><td></td><td></td><td>WORK STAKED BY:</td><td>DATE:</td></tr><tr><td></td><td></td><td>INSPECTOR'S ACCEPTANCE BY:</td><td>DATE:</td></tr><tr><td></td><td></td><td>FIELD VERIFICATION BY:</td><td>DATE:</td></tr><tr><td></td><td></td><td>DRAWINGS CORRECTED BY:</td><td>DATE:</td></tr></table>		NO.	DATE	DESCRIPTION	BY			CONTRACTOR				AS-BUILT INFORMATION				WORK STAKED BY:	DATE:			INSPECTOR'S ACCEPTANCE BY:	DATE:			FIELD VERIFICATION BY:	DATE:			DRAWINGS CORRECTED BY:	DATE:
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CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION																													
DEMOLITION PLAN																													
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL																												
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 30, 2021																													
ZONE MAP NO. L-12																													
CITY PROJECT NO. 553892																													
SHEET NO. 2-1 OF 19																													



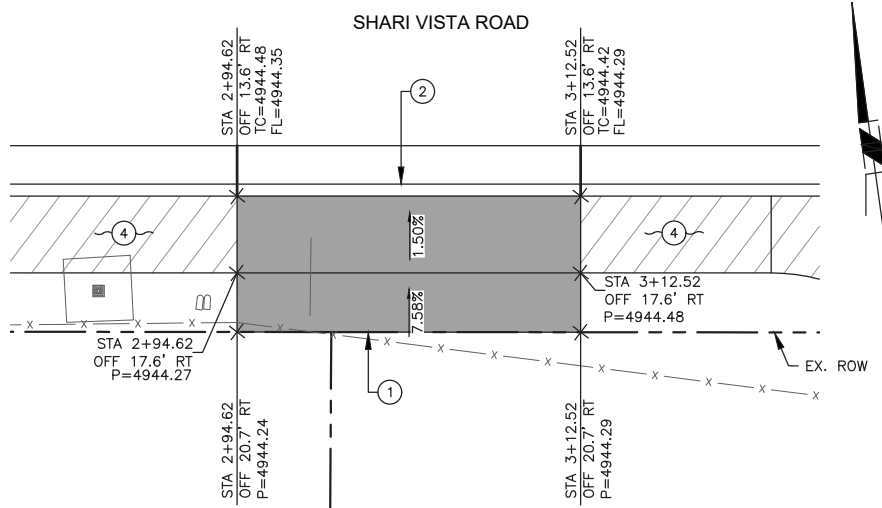
1 DRIVEWAY DETAIL 1913 SHARI VISTA ROAD SW
SCALE: 1"=10' STA 2+11 LT



2 DRIVEWAY DETAIL 1912 SHARI VISTA ROAD SW
SCALE: 1"=10' STA 1+92 RT & STA 2+21 RT



3 DRIVEWAY DETAIL 1913 SHARI VISTA ROAD SW
SCALE: 1"=10' STA 2+69 LT



4 DRIVEWAY DETAIL 1908 SHARI VISTA ROAD SW
SCALE: 1"=10' STA 3+03 RT

- CONSTRUCTION NOTES
- 1 CONSTRUCT 6" DRIVEPAD, INCLUDING SUBGRADE PREP 60 SY
 - 2 CONSTRUCT NEW MOUNTABLE ROLL CURB & GUTTER PER COA STD. DWG. 2415B *
 - 3 CONSTRUCT NEW 6" STANDARD CURB & GUTTER PER COA STD. DWG. 2415A *
 - 4 CONSTRUCT 4" SIDEWALK PER COA STD. DWG. 2430, INCLUDING SUBGRADE PREP *

* SEE SHEET 3-1 FOR QUANTITIES

LEGEND

- PROPOSED DRIVEPAD
- PROPOSED SIDEWALK

- P SIDEWALK/DRIVEWAY ELEVATION
FL FLOWLINE ELEVATION
TC TOP OF CURB ELEVATION



SHEET SIZE: 11"x17"



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

DRIVEWAY DETAILS

DESIGN REVIEW COMMITTEE
Approved by Albuquerque
City Engineer and Design
Review Committee, Nov. 30, 2021

CITY ENGINEER APPROVAL

ZONE MAP NO.

L-12

CITY PROJECT NO.

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SHEET NO.

3-2 OF 19

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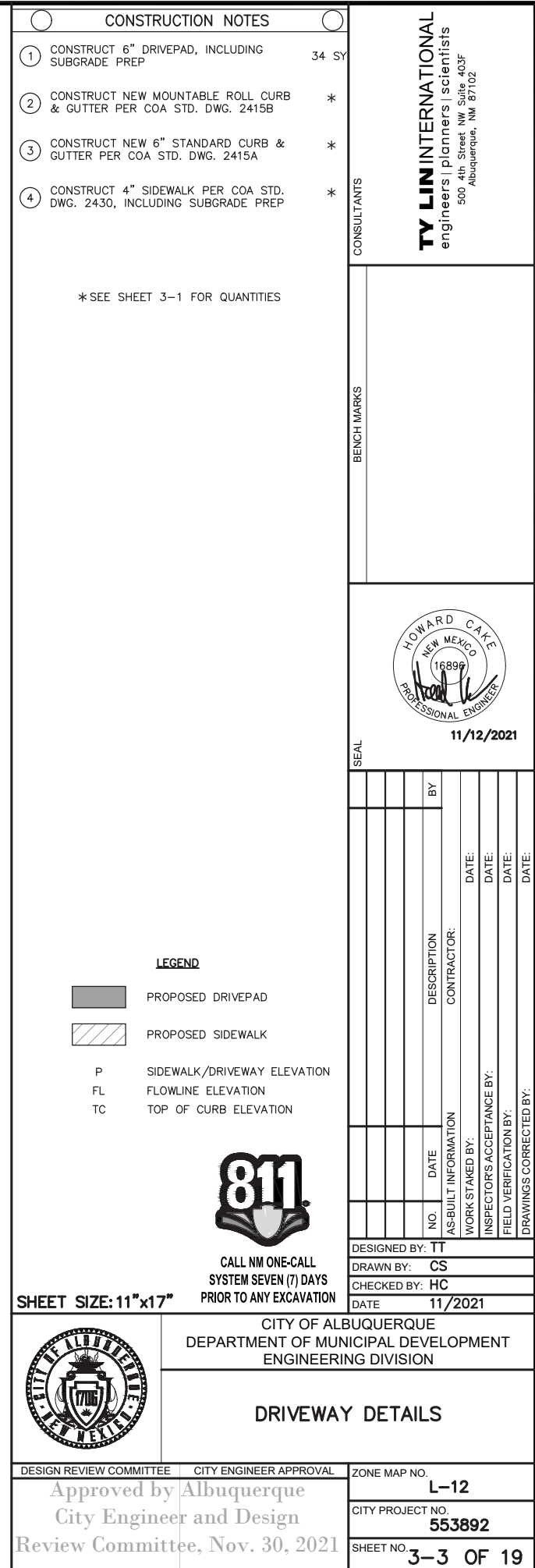
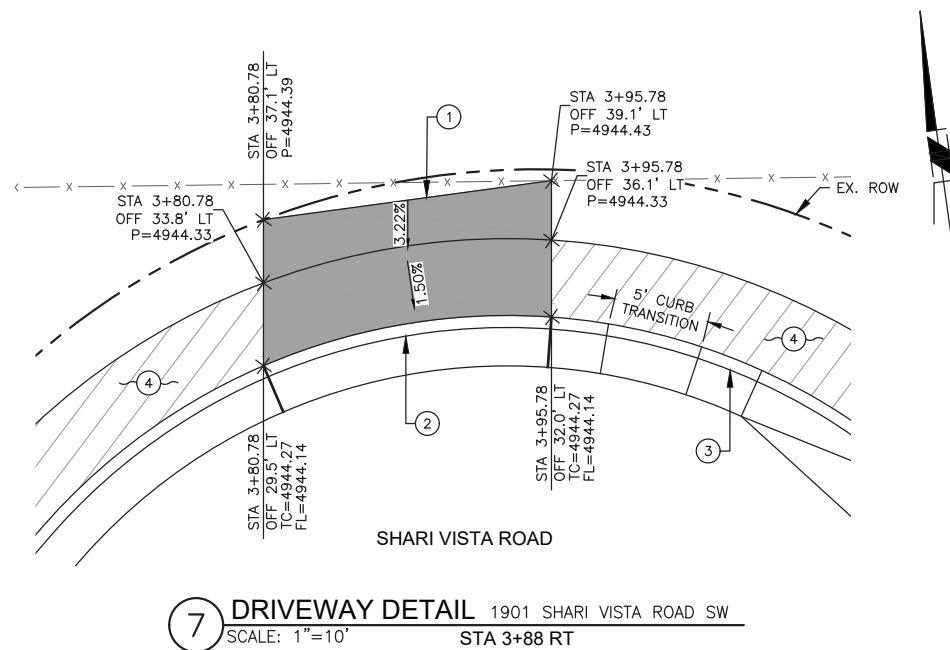
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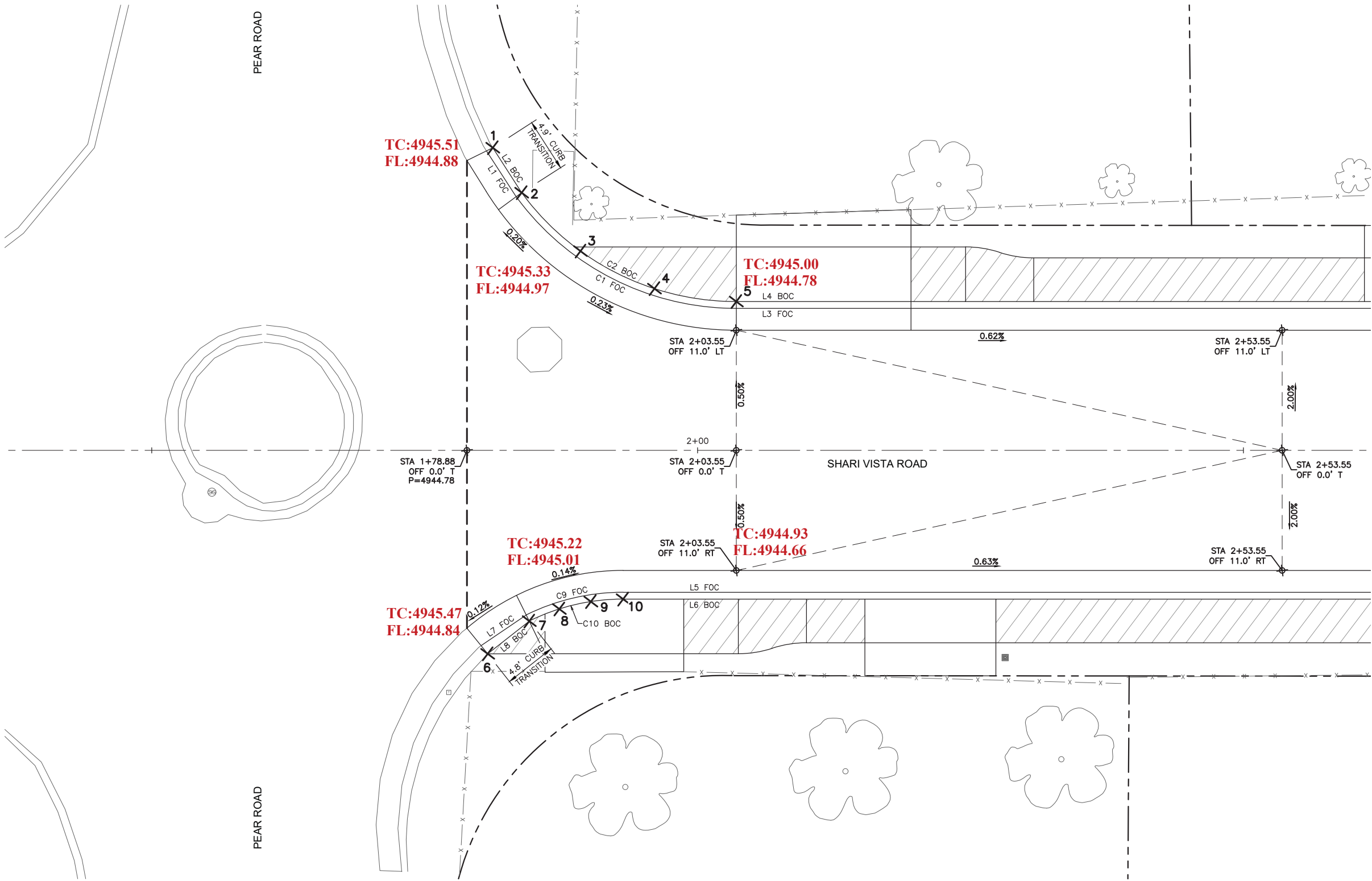
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DATE 11/2021





CURVE POINT TABLE					
POINT #	DESCRIPTION	NORTHING	EASTING	BACK OF CURB ELEVATION	FLOWLINE ELEVATION
1	BOC	1479431.85	1510246.86	4945.33	4944.68
2	BOC	1479427.41	1510248.92	4944.90	4944.71
3	BOC	1479421.37	1510253.52	4944.91	4944.77
4	BOC	1479417.04	1510259.76	4944.93	4944.78
5	BOC	1479414.83	1510267.02	4944.95	4944.79
6	BOC	1479386.01	1510240.04	4945.51	4944.80
7	BOC	1479388.45	1510244.22	4944.92	4944.80
8	BOC	1479389.17	1510247.10	4944.93	4944.80
9	BOC	1479389.45	1510250.05	4944.93	4944.81
10	BOC	1479389.27	1510253.01	4944.94	4944.82

1 STAKING DETAIL
SCALE: 1"=10'

LINE DATA TABLE		
LINE #	LENGTH	DIRECTION
L1 FOC	5.00	S25° 08' 50.55"E
L2 BOC	4.89	S24° 51' 16.83"E
L3 FOC	150.16	S82° 06' 30.46"E

LINE DATA TABLE		
LINE #	LENGTH	DIRECTION
L4 BOC	150.16	S82° 06' 30.46"E
L7 FOC	5.00	N63° 49' 10.61"E
L8 BOC	4.85	N59° 43' 01.59"E

CURVE DATA TABLE				
CURVE #	RADIUS	LENGTH	DELTA	TANGENT
C1 FOC	25.00'	23.46'	53° 46' 22.62"	12.68'
C2 BOC	24.38'	22.88'	53° 46' 22.62"	12.36'
C9 FOC	20.00'	9.20'	26° 20' 39.84"	4.68'
C10 BOC	19.37'	8.91'	26° 20' 39.84"	4.53'

- LEGEND**
- PROPOSED SIDEWALK
 - FOC FACE OF CURB
 - BOC BACK OF CURB
 - P FINISHED GRADE ELEVATION
 - FL FLOWLINE ELEVATION
 - TC TOP OF CURB ELEVATION



SHEET SIZE: 11"x17"



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

INTERSECTION STAKING
PEAR ROAD

DESIGN REVIEW COMMITTEE
Approved by Albuquerque
City Engineer and Design
Review Committee, Nov. 30, 2021

CITY ENGINEER APPROVAL

ZONE MAP NO.

L-12

CITY PROJECT NO.

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SHEET NO.

3-4 OF 19

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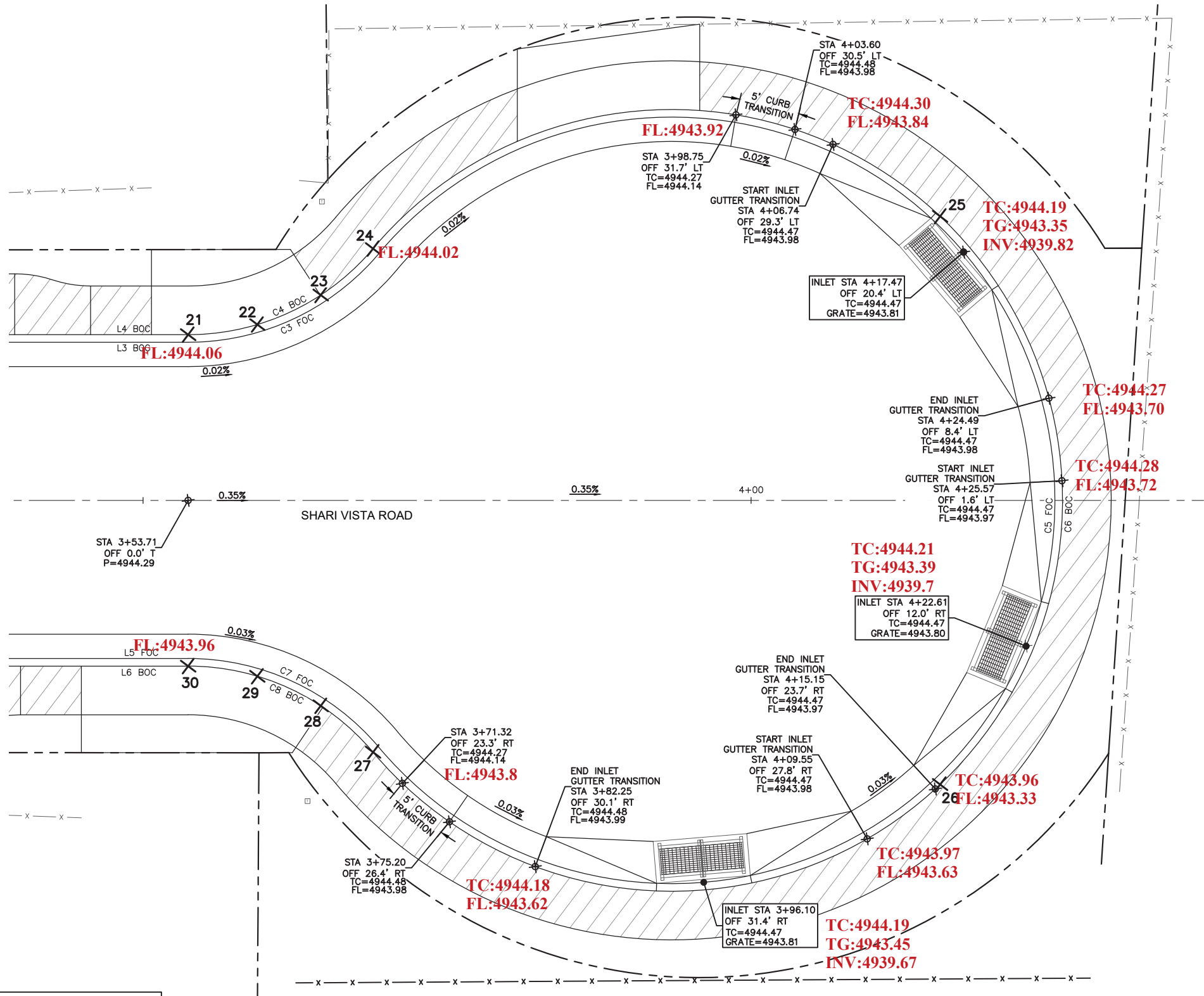
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DATE 11/2021



- LEGEND**
- FOC FACE OF CURB
 - BOC BACK OF CURB
 - P FINISHED GRADE ELEVATION
 - FL FLOWLINE ELEVATION
 - TC TOP OF CURB ELEVATION



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CURVE POINT TABLE					
POINT #	DESCRIPTION	NORTHING	EASTING	BACK OF CURB ELEVATION	FLOWLINE ELEVATION
21	BOC	1479394.22	1510415.76	4944.28	4943.98
22	BOC	1479394.26	1510421.51	4944.28	4943.99
23	BOC	1479395.95	1510427.01	4944.28	4944.14
24	BOC	1479399.13	1510431.79	4944.28	4944.15
25	BOC	1479395.36	1510478.34	4944.47	4944.15
26	BOC	1479349.10	1510471.93	4944.47	4944.15
27	BOC	1479358.13	1510426.11	4944.27	4944.15
28	BOC	1479362.50	1510422.37	4944.28	4944.15
29	BOC	1479365.62	1510417.54	4944.28	4944.15
30	BOC	1479367.23	1510412.02	4944.28	4944.15

LINE DATA TABLE			
LINE #	LENGTH	DIRECTION	
L3 FOC	150.16	S82° 06' 30.46"E	
L4 BOC	150.16	S82° 06' 30.46"E	
L5 FOC	160.53	S82° 06' 30.46"E	
L6 BOC	160.53	S82° 06' 30.46"E	

CURVE DATA TABLE				
CURVE #	RADIUS	LENGTH	DELTA	TANGENT
C3 FOC	20.50'	17.85'	49° 53' 31.11"	9.54'
C4 BOC	19.88'	17.31'	49° 53' 31.11"	9.25'
C5 FOC	31.50'	153.82'	279° 47' 02.22"	26.53'
C6 BOC	32.12'	156.87'	279° 47' 02.22"	27.06'
C7 FOC	20.50'	17.85'	49° 53' 31.11"	9.54'
C8 BOC	19.88'	17.31'	49° 53' 31.11"	9.25'

2 STAKING DETAIL
SCALE: 1"=10'

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

INTERSECTION STAKING
CUL-DE-SAC

DESIGN REVIEW COMMITTEE
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City Engineer and Design
Review Committee, Nov. 30, 2021

CITY ENGINEER APPROVAL

ZONE MAP NO.

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CITY PROJECT NO.

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SHEET NO. 3-5 OF 19

Phoenix Half Scale.ctb

Tate Toledo

11/11/2021 11:21:00 AM

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1 GRADING DETAIL
SCALE: 1"=40'

- LEGEND**
- PROPOSED FLOOD IMPACT LIMITS
100-YR, 10-DAY STORM
 - EXISTING FLOOD IMPACT LIMITS
100-YR, 10-DAY STORM
 - EXISTING MAJOR CONTOUR
 - EXISTING MINOR CONTOUR
 - PROPOSED MAJOR CONTOUR
 - PROPOSED MINOR CONTOUR
 - F FILL LINE
 - C CUT LINE



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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

GRADING PLAN

DESIGN REVIEW COMMITTEE
Approved by Albuquerque
City Engineer and Design
Review Committee, Nov. 30, 2021

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ZONE MAP NO.

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3-6 OF 19

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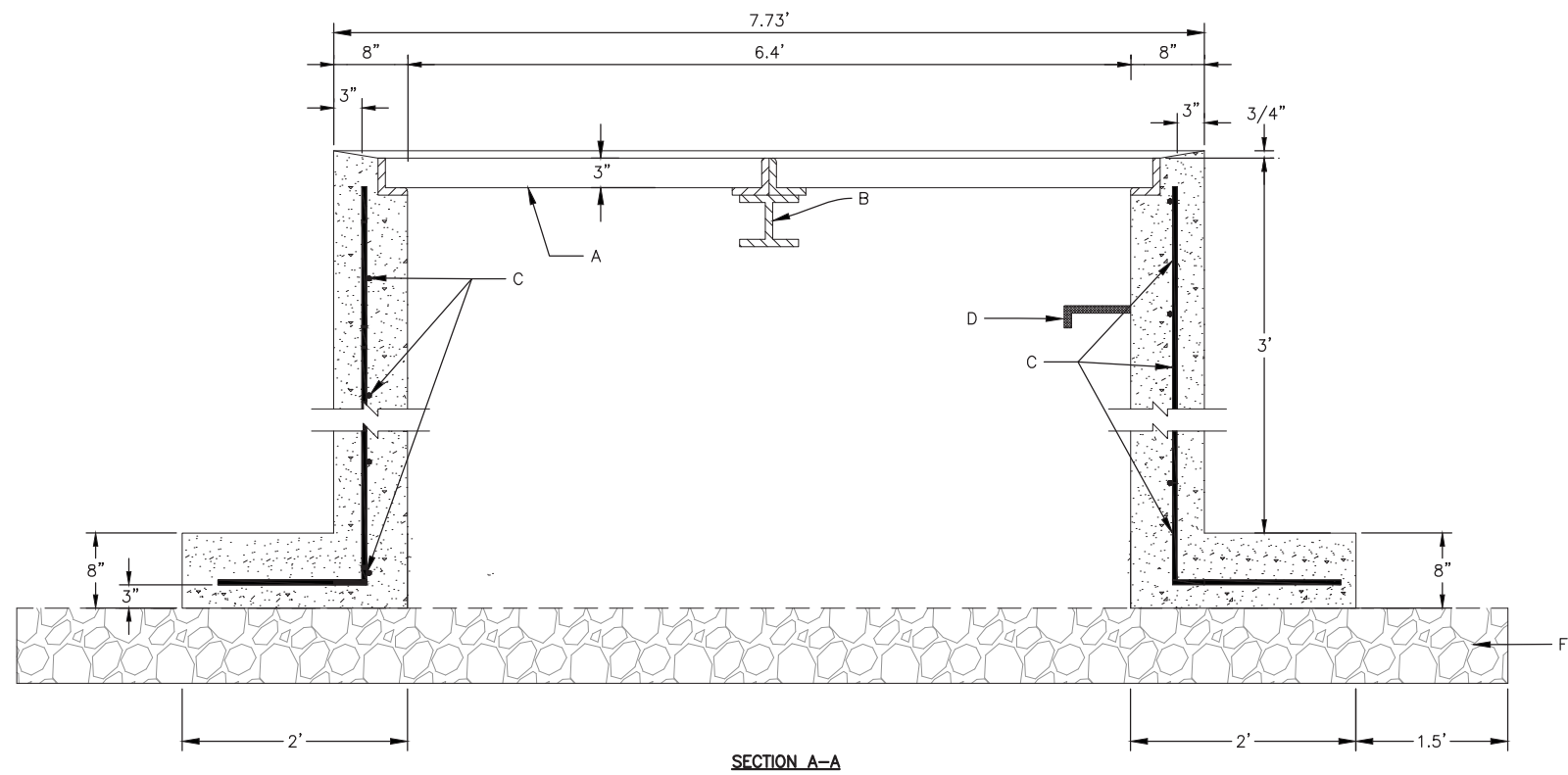
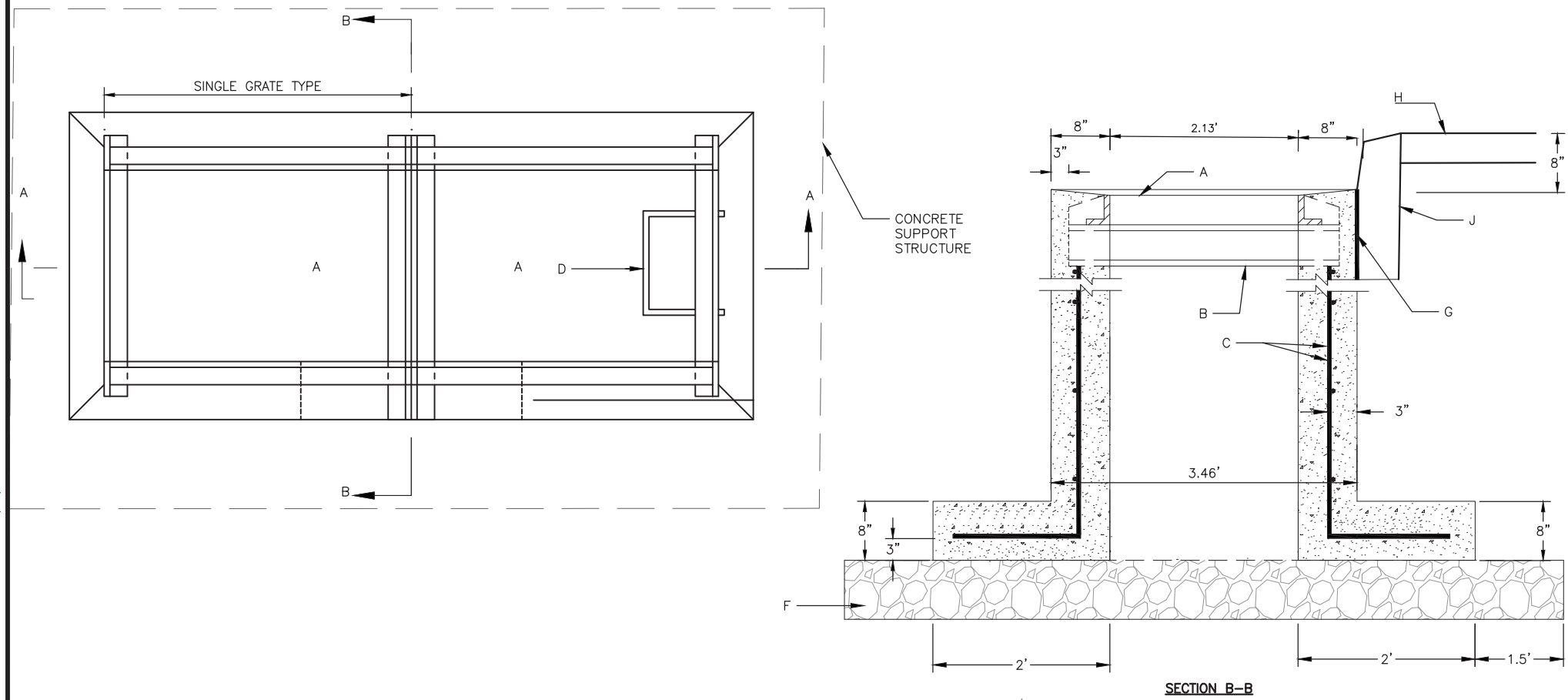


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GENERAL NOTES

1. FOR SINGLE GRATE TYPE STORM INLET, DELETE CENTER SUPPORT AND MOVE ONE END WALL TO FORM NEW SINGLE GRATE INLET.
2. STORM INLET GUTTER TRANSITION WILL BE SHOWN ON THE CONSTRUCTION PLANS.
3. FOR FRAME & GRATE, SEE DWG. 2216, 2220 & 2221.
4. FOR CENTER SUPPORT ASSEMBLY, SEE DWG. 2215.
5. FOR USE WHERE A TYPE-A INLET EXISTS LESS THAN 150' UPSTREAM OR AS AN AREA DRAIN.
6. "DRAINS TO RIVER" ALUMINUM MEDALLION SHALL BE INSTALLED ON EACH NEW STORM INLET. THE MEDALLION IS TO BE INSTALLED PER MANUFACTURER INSTRUCTIONS IN THE CENTER OF THE INLET, WITH WITH THE BOLT HOLE 6 INCHES FROM THE FRONT OF THE INLET.
7. SEE ADDITIONAL CROSS-SECTION ON SHEET 6-3.

CONSTRUCTION NOTES

- A. FRAME & GRATE.
- B. CENTER SUPPORT ASSEMBLY.
- C. NO. 5 BARS AT 12" O.C. EACH WAY.
- D. FOR STORM INLET DEPTHS GREATER THAN 4', INSTALL STD STEPS
PER DWG. 2229, DOWNSTREAM FACE.
- E. NOT USED
- F. SEE SHEET 6-4 FOR SUB-BASE DETAIL AND SOIL
RECOMMENDATIONS
- G. EXPANSION JOINT
- H. SIDEWALK
- J. 8" WIDE HEADER CURB PER STD. DWG. 2415C. CUSTOMIZE FACE
FOR TRANSITIONING TO STD. CURB & GUTTER FACE ON EACH
SIDE OF INLET.



**CALL NM ONE-CALL
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SHEET SIZE: 11"x17"



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

STORM DRAIN DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
<p>Approved by Albuquerque City Engineer and Design Review Committee, Nov. 30, 2021</p>	

ZONE MAP NO.
L-12

CITY PROJECT NO.
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6-1 OF 19

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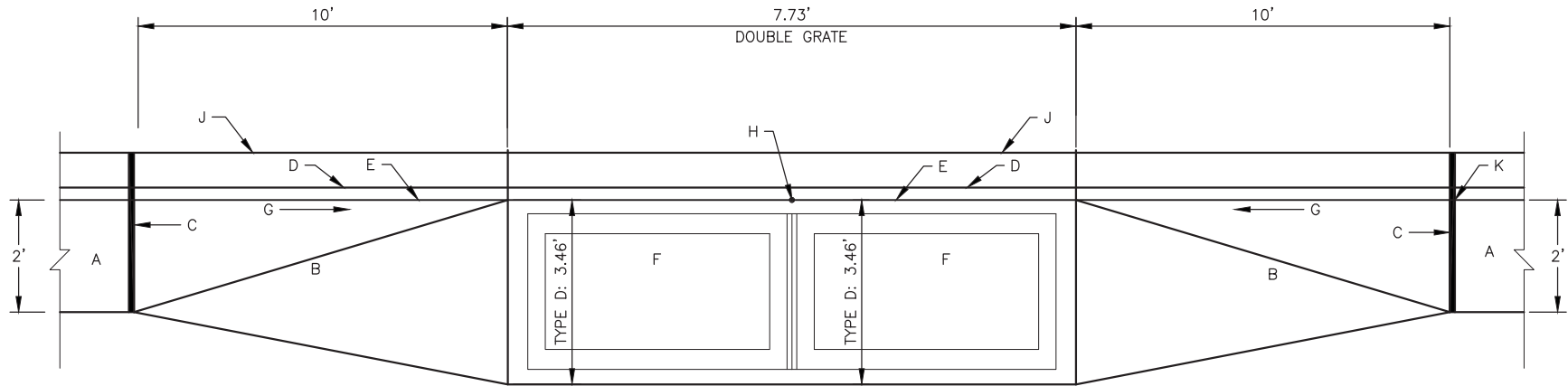
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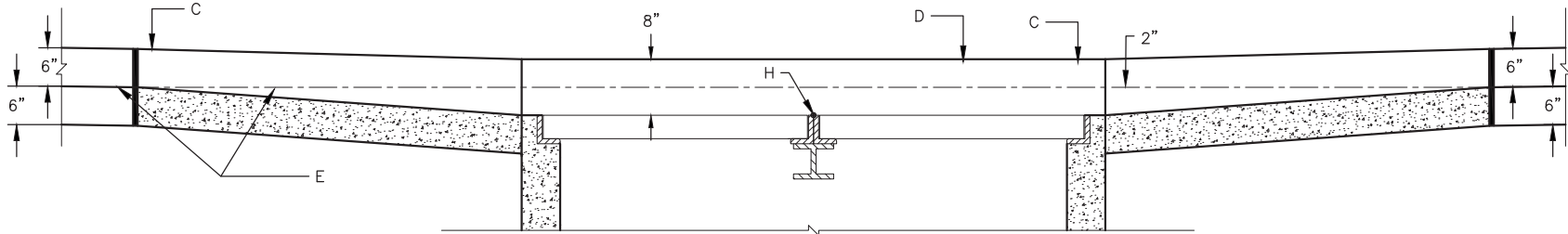
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PLAN



LONGITUDINAL SECTION
ALONG FLOWLINE

GENERAL NOTES

1. LOCATION DETAILS FOR PLACING INLETS AND STANDARD CURB AND GUTTER ARE TO BE SHOWN ON DESIGN PLANS.
2. CURB HEIGHT WILL BE 6" AT OUTER LIMITS OF DETAIL. ANY TRANSITION TO DIFFERENT HEIGHT CURB WILL OCCUR OUTSIDE THE LIMITS OF THIS DETAIL AND MUST BE SPECIFIED SEPARATELY ON THE PLANS.

CONSTRUCTION NOTES

- A. NEW STANDARD CURB AND GUTTER.
- B. STRAIGHT GRADE
- C. EXPANSION JOINT.
- D. TOP OF CURB.
- E. FLOWLINE PER PLAN.
- F. FOR FRAME & GRATE SEE DWG. 2216, 2220 & 2221.
- G. DIRECTION OF FLOW. SEE SHEET 3-5 FOR STAKING DETAILS.
- H. CONTROL POINT FOR TOP OF GRATE ELEVATION AND HORIZONTAL CONTROL.
- J. BACK OF CURB.
- K. MATCH NEW GUTTER FLOWLINE TO NEW CURB & GUTTER.



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

SHEET SIZE: 11"x17"

	CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION	
	STORM DRAIN DETAILS	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
Approved by Albuquerque City Engineer and Design Review Committee, Nov. 30, 2021		L-12
		CITY PROJECT NO.
		553892
		SHEET NO.
		6-2 OF 19

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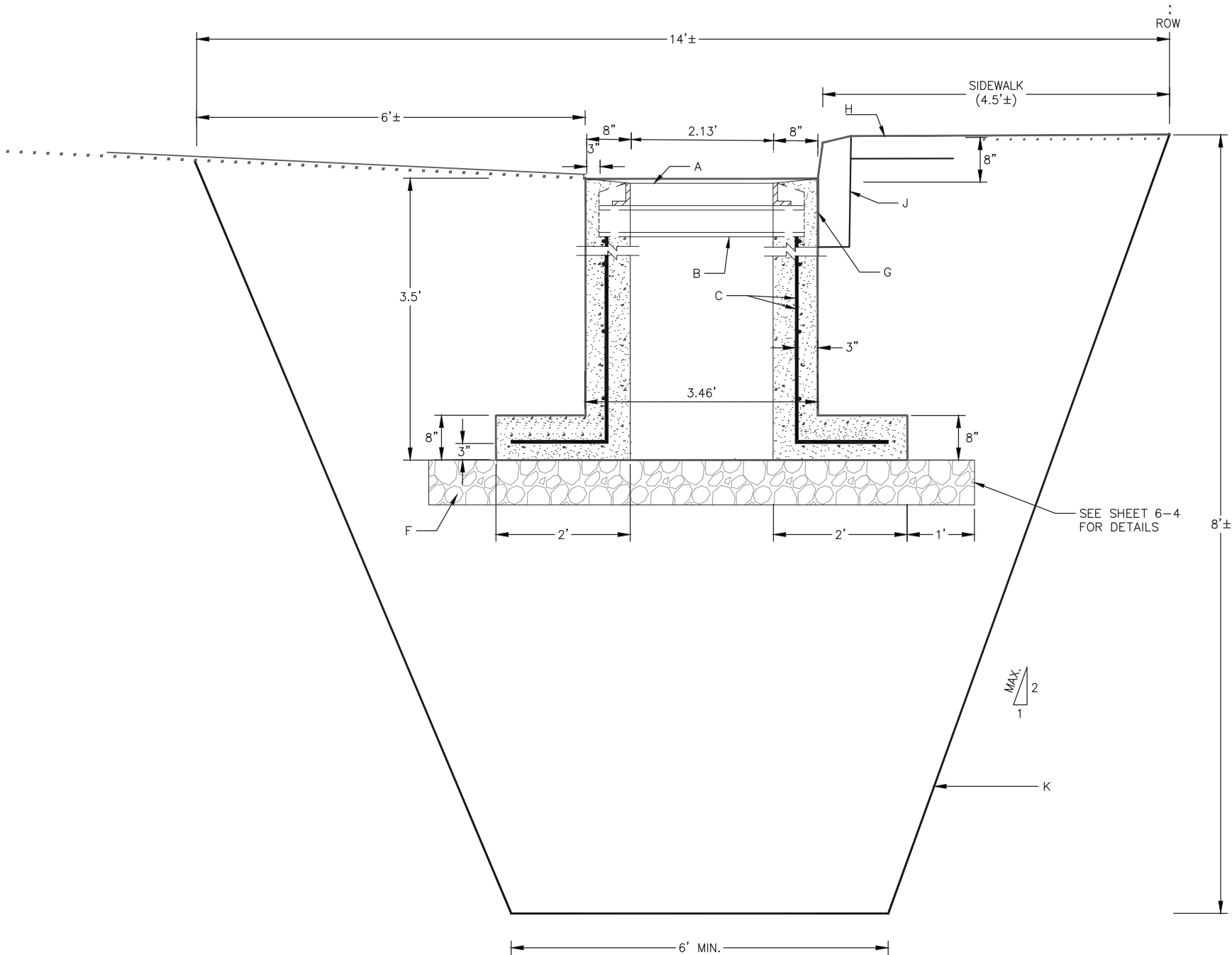
11/12/2021

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NO.	DATE	DESCRIPTION	BY
		AS-BUILT INFORMATION	
		CONTRACTOR:	
		WORK STAKED BY:	
		INSPECTOR'S ACCEPTANCE BY:	
		FIELD VERIFICATION BY:	
		DRAWINGS CORRECTED BY:	

DESIGNED BY:	TT
DRAWN BY:	CS
CHECKED BY:	HC
DATE	11/2021

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GENERAL NOTES

1. FOR SINGLE GRATE TYPE STORM INLET, DELETE CENTER SUPPORT AND MOVE ONE END WALL TO FORM NEW SINGLE GRATE INLET.
2. STORM INLET GUTTER TRANSITION WILL BE SHOWN ON THE CONSTRUCTION PLANS.
3. FOR FRAME & GRATING, SEE DWG. 2216,2220,2221.
4. FOR CENTER SUPPORT ASSEMBLY, SEE DWG. 2215.
5. FOR USE WHERE A TYPE-A INLET EXISTS LESS THAN 150' UPSTREAM OR AS AN AREA DRAIN.
6. "DRAINS TO RIVER" ALUMINUM MEDALLION SHALL BE INSTALLED ON EACH NEW STORM INLET. THE MEDALLION IS TO BE INSTALLED PER MANUFACTURER INSTRUCTIONS IN THE CENTER OF THE INLET, WITH THE BOLT HOLE 6 INCHES FROM THE FRONT OF THE INLET.

CONSTRUCTION NOTES

- A. FRAME & GRATE
- B. CENTER SUPPORT ASSEMBLY.
- C. NO. 5 BARS AT 12" O.C. EACH WAY.
- D. NOT USED
- E. NOT USED
- F. SEE SHEET 6-4 FOR SUB-BASE DETAIL AND SOIL RECOMMENDATIONS
- G. EXPANSION JOINT
- H. SIDEWALK
- J. 8" WIDE HEADER CURB PER STD. DWG. 2415C. CUSTOMIZE FACE FOR TRANSITIONING TO STD. CURB & GUTTER FACE ON EACH SIDE OF INLET.
- K. APPROXIMATE CONFIGURATION OF EXCAVATION LIMITS. THE DEPTH MUST EXTEND DOWN TO CLEAN SAND, WHICH ACCORDING TO THE SOILS REPORT IS ABOUT 8' BELOW THE SURFACE. THIS CONFIGURATION IS FOR ILLUSTRATIVE PURPOSES ONLY AND IS NOT INTENDED TO PREEMPT ANY CITY SPECS NOR ANY MINIMUM WORK ZONE SLOPE STABILIZATION MANDATES.



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DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

STORM DRAIN DETAILS

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

ZONE MAP NO.

Approved by Albuquerque
City Engineer and Design
Review Committee, Nov. 30, 2021

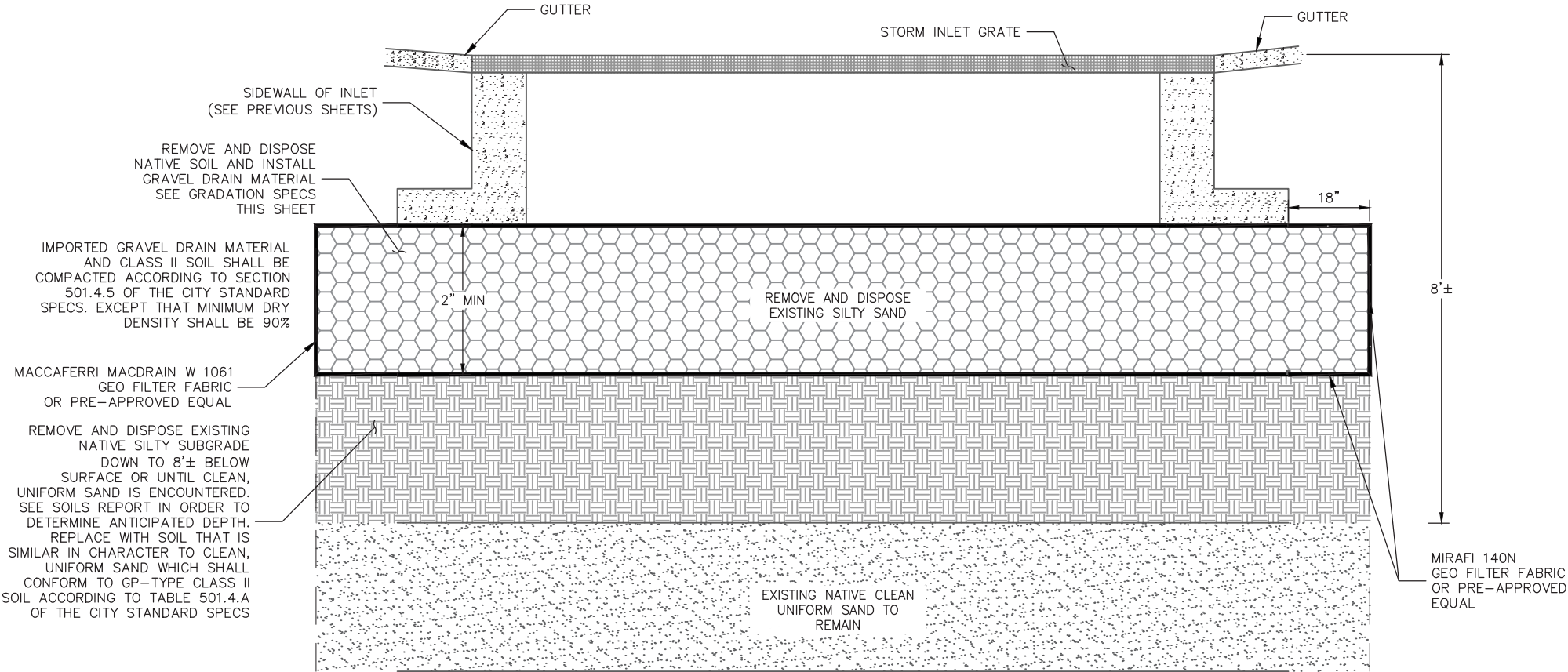
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CITY PROJECT NO.
553892
SHEET NO.
6-3 OF 19

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GENERAL NOTES

- 1. FOR SINGLE GRATE TYPE STORM INLET, DELETE CENTER SUPPORT AND MOVE ONE END WALL TO FORM NEW SINGLE GRATE INLET.
- 2. STORM INLET GUTTER TRANSITION WILL BE SHOWN ON THE CONSTRUCTION PLANS.
- 3. FOR FRAME & GRATING, SEE DWG. 2216,2220,2221.
- 4. FOR CENTER SUPPORT ASSEMBLY, SEE DWG. 2215.
- 5. "DRAINS TO RIVER" ALUMINUM MEDALLION SHALL BE INSTALLED ON EACH NEW STORM INLET. THE MEDALLION IS TO BE INSTALLED PER MANUFACTURER INSTRUCTIONS IN THE CENTER OF THE INLET, WITH THE BOLT HOLE 6 INCHES FROM THE FRONT OF THE INLET.

Sieve Designation	Percentage by Weight Passing (MAX.)
2"	90-100
1"	75-90
1/2"	60-75
No. 4	40-60
No.16	20-40
No.40	5-20
No.200	5



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		CONTRACTOR	
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		INSPECTOR'S ACCEPTANCE BY:	DATE:
		FIELD VERIFICATION BY:	DATE:
		DRAWINGS CORRECTED BY:	DATE:



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CITY OF ALBUQUERQUE
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ENGINEERING DIVISION

STORM DRAIN DETAILS

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

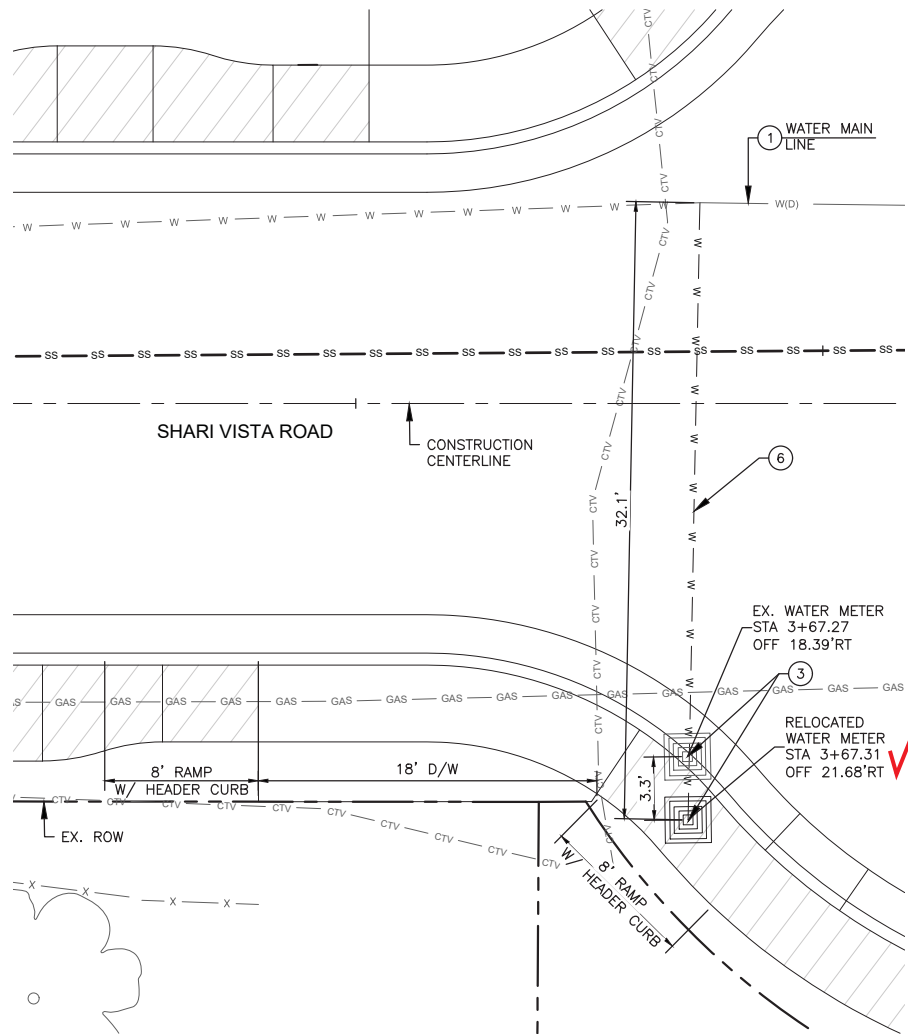
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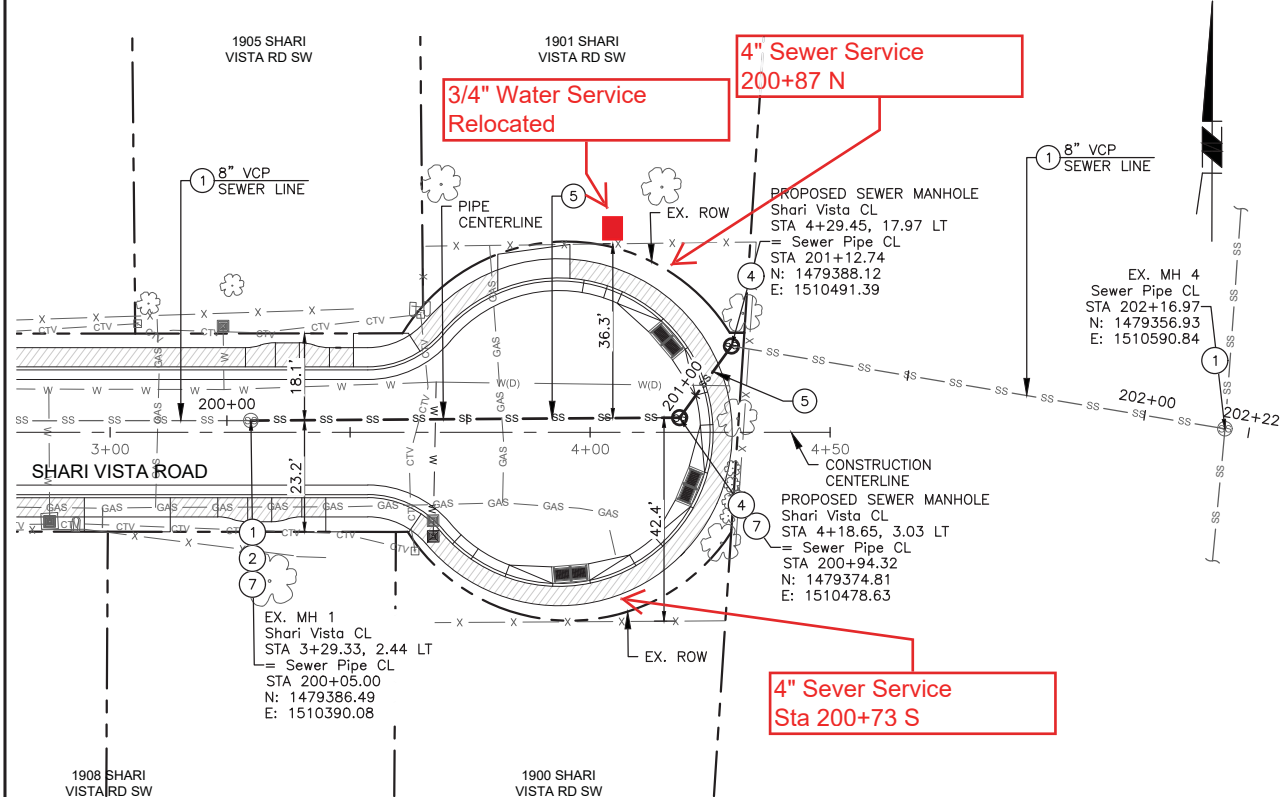
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CITY PROJECT NO.
553892

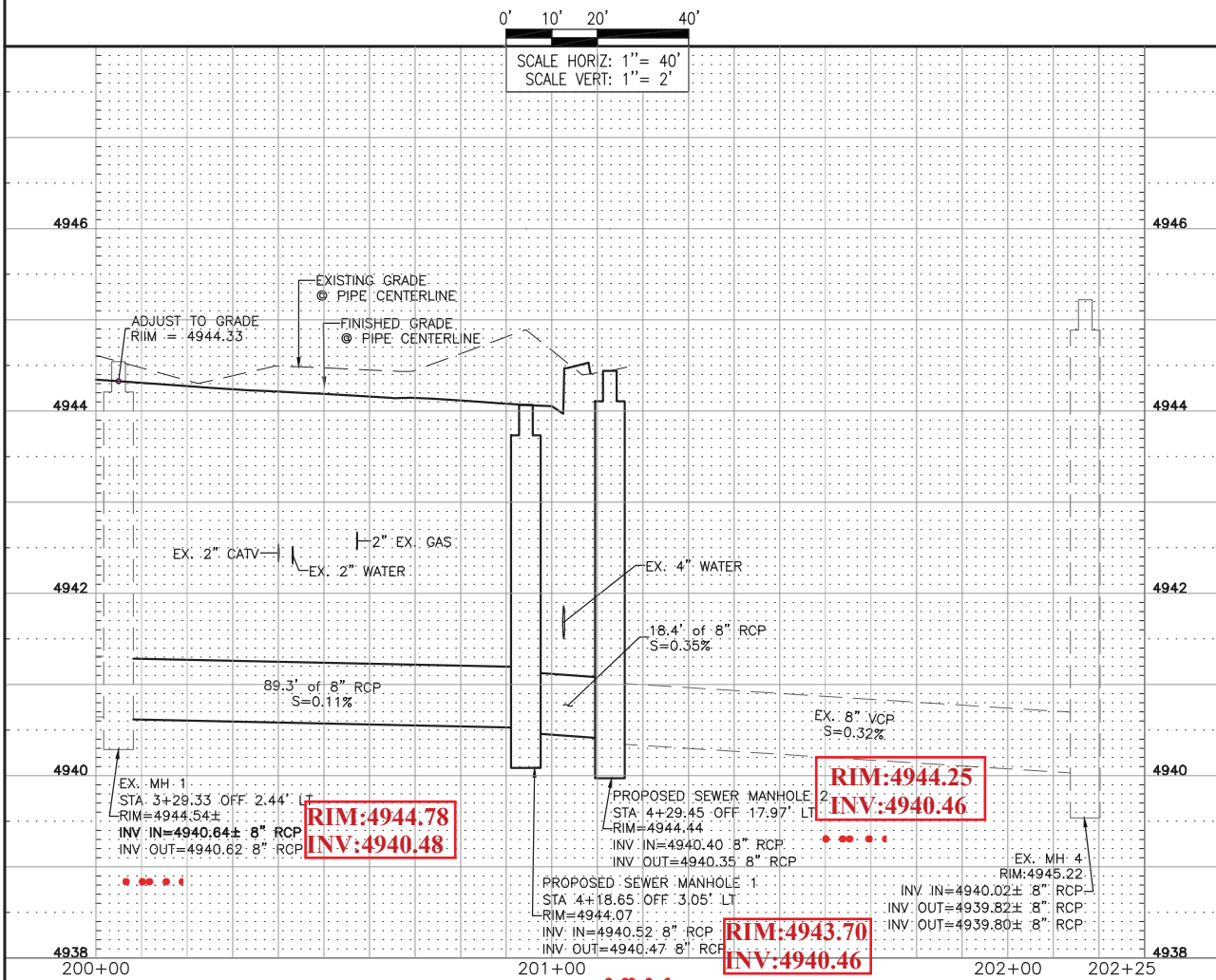
SHEET NO.
6-4 OF 19



1 WATER METER RELOCATION DETAIL
SCALE: 1"=5' STA 3+67 RT



2 SEWER RELOCATION DETAIL
SCALE: 1"=40' STA 4+19 LT



- CONSTRUCTION NOTES
1. PROTECT IN PLACE
 2. ADJUST TO GRADE
 3. REMOVE AND RELOCATE EXISTING WATER METER W/ NEW BOX COVER AND LID 1 EA
 4. INSTALL TYPE "C", 4' I.D., SEWER MANHOLE PER COA STD. DWG. 2208 2 EA
 5. INSTALL 8" SEWER LINE 108 LF
 6. INSTALL WATER METER SERVICE LINE PER COA STD. DWG. 2362 32 LF
 7. REMOVE, DISPOSE, AND REPLACE 4" SEWER SERVICE LINE FROM SEWER MAIN TO PROPERTY LINE 120 LF

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BENCH MARKS	
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HOWARD CAKE NEW MEXICO 16899 PROFESSIONAL ENGINEER 11/12/2021	

DESIGNED BY: TT	
DRAWN BY: CS	
CHECKED BY: HC	
DATE: 11/2021	
SHEET SIZE: 11"x17"	
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CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION	
UTILITY DETAILS	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
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CITY PROJECT NO. 553892	
SHEET NO. 7-1 OF 19	