CITY OF ALBUQUERQUE NEW MEXICO

DEPARTMENT OF MUNICIPAL DEVELOPMENT CONSTRUCTION PLANS

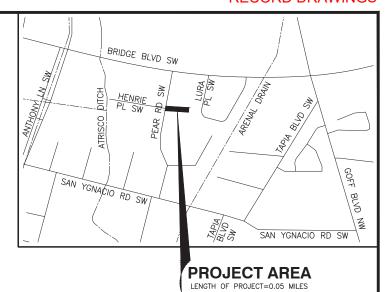
NOVEMBER 2021

SHARI VISTA ROAD

PEAR RD SW TO SHARI VISTA RD SW

CPN 5538.92

BAND



VICINITY MAP

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

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.

As-Builts Prepared under the Responsible Direction of:



March 27, 2023

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, <u>Kevin J. Murtagh</u>, of the firm of <u>Bohannan Huston</u>, 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





SHEET SIZE: 11"x17

TY: LIN INTERNATIONAL

engineers | planners | scientists

500 4th Street NW Suite 403 Albuquerque, NM 87102



PRIOR TO ANY EXCAVATION

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ON ARD COTATION METERS OF THE STREET OF THE
11 /12 /2021

		Albuquerqu
APPROVALS	ENGINEER	DATE
DRC CHAIRPERSON	Gomezalvelen	11/18/2021
TRANSPORTATION	MPW-PE	11/12/2021
WATER/WASTEWATE	ER Ambie Symondy	11/18/202
HYDROLOGY	Renty C Breadly	11/12/21
PARKS AP	proved by An	puquere
CONST. MGMT. Ci	ty Engineer a	nd Desi
CONST. COORD.		NI 20
CITY PROJECT NO:	V Committee,	1404.90

1-1 OF 19

SYSTEM SEVEN (7) DAYS

ineers | planners | scientists 500 4th Streat NW Suite 403F Abuquerque, NM 67102

11/12/2021

1913 SHARI VISTA RD SW 1901 SHARI VISTA RD SW BRIDGE BLVD BEGINNING OF PROJECT _STA:1+78.88 N:1479404.73 E:1510240.71 EXISTING RIGHT OF WAY CP-45 END OF ALIGNMENT -N: 1479367.50 E:1510509.27 € CP-44 € 1+00 3+00 4+00 2+00 S82* 06' 30.46"E 350.00 SHARI VISTA ROAD BEGINNING OF ALIGNMENT N: 1479415.56-E:1510162.59 PEAR ROAD EXISTING RIGHT OF WAY CP-46 END OF PROJECT _STA:4+29.61 N:1479370.30 E:1510489.07 EXISTING RIGHT OF WAY 1908 SHARI VISTA RD SW 1912 SHARI 1900 SHARI VISTA RD SW

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	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.

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KEY MAP SCALE: 1"= 40' LENGTH OF PROJECT = 0.05 MILES (STA 1+78.88 TO STA 4+29.61)

Δ SURVEY CONTROL POINTS

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		

UTILITY COMPANY CONTACTS:

ABCWUA

505 MARQUETTE NW SUITE 14 ALBUQUERQUE, NM 87103 CONTACT: AMELIA SYMONDS (505) 289-3243 (505) 313-9609 àsymonds@abcwua.org

AT&T 111 3RD ST NW ALBUQUERQUE, NM 87107 CONTACT: SEAN KELLEY (505) 200-1994 sk1561@att.com

CENTURY LINK/LUMEN 4301 BOGAN ÁVE NE ALBUQUERQUE, NM 87109 CONTACT: ABDUL BHUIYAN (505) 886-4665

abdul.bhuiyan2@lumen.com

CENTURY LINK LD 1255 W. GLENN ST CONTACT: MIKE MULLINS (520) 838-3008 mike.mullins@centurylink.com

COA TRAFFIC

ONE CIVIC PLAZA TRAFFIC OPS PO BOX 1293 ALBUQUERQUE, NM 87103 CONTACT: ALFRED FLORES (505) 238-5697 àflorés@cabq.gov

COMCAST

8440 WASHINGTON ST NE ALBUQUERQUE, NM 87103 CONTACT: MIKE MORTUS (505) 271-3644 (505) 269-4006 mike_mortus@comcast.com

MCI/VERIZON

6001 MIDWAY PARK PL NE ALBUQUERQUE, NM 87109 CONTACT: LEONARDO MAZANARES (505) 274-4127 Leonardo.manzanares@one.verizon.com

NEW MEXICO GAS

MAIL STOP GS-66 4625 EDITH BLVD. NE ALBUQUERQUE, NM 87107 CONTACT: DANNA DOMINGUEZ Danna.Dominguez@nmgco.com

PNM ELECTRIC

4201 EDITH BLVD. NE, ES-10 ALBUQUERQUE, NM 87107 CONTACT: CHRIS BUDD (505) 241-3698 (505) 401-7482 chris.budd@pnm.com

UPN FIBER

3830 SINGER BLVD NE, SUITE 2000 ALBUQUERQUE, NM 87102 CONTACT: JOHN HUFNAGEL (816) 368-9039 j̀ohn.hufnagel@upnfiber.com

ZAYO FIBER SOLUTIONS 100 SUN AVE

ALBUQUERQUE, NM 87109 CONTACT: KENNETH RILEY (505) 234-0799 kenneth.riley@zayo.com

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"

DATE 11/2021 CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT **ENGINEERING DIVISION**

> INDEX OF SHEETS & KEY MAP

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL ZONE MAP NO. Approved by Albuquerque City Enginee r and Design Review Committee, Nov. 30, 2021

L-12 CITY PROJECT NO. 553892

DESIGNED BY: TT

DRAWN BY: CS

CHECKED BY: HC

SHEET NO. 1-2 OF 19

GENERAL NOTES

GOVERNING SPECIFICATIONS

- 1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, REGULATIONS, AND RULES WHICH APPLY TO THIS PLAN SET.
- 2. ALL WORK DETAILED ON THIS PLAN SET TO BE PERFORMED UNDER CONTRACT SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, 2020 **FDITION**

SURVEYING:

- 3. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND MAINTAINING ALL EXISTING SURVEY MONUMENTATION CONTROLS. SURVEY MONUMENTS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE. NOTIFY MONUMENT OWNER 48 HOURS PRIOR TO ANY WORK AROUND EXISTING MONUMENTS
- 4. CONSTRUCTION STAKING SHALL INCLUDE ALL SURVEYING AND CONTROL STAKING NECESSARY TO ESTABLISH THE PROJECT CONSTRUCTION BASELINE, TOE OF SLOPE CATCH POINTS, AND ALL OTHER INFRASTRUCTURE DESIGNATED IN THE CONSTRUCTION PLANS SET AS REQUIRED FOR CONSTRUCTION OF THE PROJECT. SUCH INFRASTRUCTURE SHALL INCLUDE BUT NOT BE LIMITED TO ALL SURFACING, STORM DRAIN LINES, SEWER LINES, WATER LINES AND SERVICE LINES.
- 5. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO REESTABLISH ANY MISSING REFERENCE POINTS REQUIRED FOR CONSTRUCTION OF THE PROJECT INFRASTRUCTURE. ALL COSTS INCURRED IN PROVIDING SUCH CONSTRUCTION STAKING AND SURVEYING WORK SHALL BE PAID AS SHOWN IN

CONSTRUCTION LIMITS AND STORAGE LIMITS:

- 6. THE CONTRACTOR SHALL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS. DESIGNATED CONSTRUCTION EASEMENTS ON THE PLAN SET, AND/OR RIGHT-OF-WAY LIMITS.
- 7 OVERNIGHT PARKING OF CONSTRUCTION FOLLIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OF DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- 8. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES SO AS TO NOT INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON—SITE.
- 9. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN 20 FEET FROM THE EDGE OF THE DRIVING LANE UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE ENGINEER BEFORE IMPLEMENTING THIS WORK INCLUDING DESIGN INSTALLATION AND REMOVAL OF THE SHIFLDING SHALL BE CONSIDERED INCIDENTAL TO COMPLETION OF THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE.

AGENCY COORDINATION / NOTIFICATION:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY FOR CONSTRUCTION. CONTACT DEVELOPMENT REVIEW OR PROJECT ENGINEER (848-1500) FOR
- 11. PROVIDE A WEEKLY CONSTRUCTION ACTIVITY SCHEDULE TO BERNALILLO COUNTY PUBLIC WORKS DIVISION, ATTN: COUNTY PROJECT MANAGER.
- 12. THE CONTRACTOR SHALL NOTIFY THE BERNALILLO COUNTY SHERIFF'S OFFICE AND THE FIRE MARSHALL'S OFFICE IN WRITING WHEN SCHEDULED WORK WILL IMPACT EMERGENCY VEHICLE ACCESS A MINIMUM OF FIVE(5) WORKING DAYS PRIOR TO ANY WORK WITHIN COUNTY OR CITY RIGHT-OF-WAY.
- 13. THE CONTRACTOR SHALL NOTIFY THE SOLID WASTE DEPARTMENT AND THE POST OFFICE IN WRITING A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY WORK WITH ANY COUNTY OR CITY
- 14. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS.
- 15. THE CONTRACTOR SHALL COORDINATE WITH ALBUQUERQUE PUBLIC SCHOOLS AND WITH ABQ RIDE TO ACCOMMODATE THE SCHEDULE FOR ALL DESIGNATED BUS ROUTES.
- 16. THE FIRE DEPARTMENT SHALL BE NOTIFIED 48 HOURS IN ADVANCE BY THE CONTRACTOR, WHENEVER A FIRE HYDRANT IS TO BE REMOVED OR IS TO BE OUT OF SERVICE.
- 17. THE CONTRACTOR SHALL NOTIFY THE ABCWUA AT LEAST SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. EXISTING VALVES TO BE OPERATED BY ABCWUA PERSONNEL ONLY. CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES OPENED OR CLOSED.

 CONTRACTOR SHALL COORDINATE SEQUENCING OF ALL PLANNED VALVE CLOSURES. REFER TO

 SECTION 18 OF STANDARD COA SPECIFICATIONS. CONTRACTOR SHALL SUBMIT A WATER SHUT OFF PLAN FOR REVIEW AND APPROVAL PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES IN APPLICABLE AREAS. SHUTOFF REQUESTS MUST BE MADE ONLINE AT HTTP://WWW.ABCWUA.ORG/INFO-FOR-BUSINESS-WATER-MAIN-SHUTOFF/

PROPERTY OWNER COORDINATION AND NOTIFICATION:

18. THE CONTRACTOR SHALL PROVIDE INGRESS AND EGRESS TO LOCAL BUSINESSES AND RESIDENCES FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL ADVISE OF AND SCHEDULE ACCESS CLOSURES, AT LEAST 48 HOURS IN ADVANCE, WITH PROPERTY OWNERS AND THE

- SPECIAL NOTICES:
 190. HAND DELIVER SPECIAL NOTICES TO EACH RESIDENCE OR BUSINESS ADJACENT TO THE CONSTRUCTION AREA AND TO OTHERS WHICH MAY BE AFFECTED BY CONSTRUCTION ACTIVITIES. SPECIAL NOTICES ARE TO INFORM RESIDENTS AND BUSINESSES IN WRITING WHENEVER ACCESS, UTILITY SERVICES, OR OTHER SERVICES TO THEIR PROPERTIES MAY BE IMPAIRED.
- 19b. THE CONTRACTOR SHALL BE RESPONSIBLE FOR:

 1. DELIVERY OF SPECIAL NOTICES NOT MORE THAN SEVEN (7) DAYS PRIOR TO PHYSICAL CONSTRUCTION THAT WILL AFFECT THE PROPERTY.
 - 2. CORRECTED NOTICES ARE TO BE DELIVERED IF CONSTRUCTION DOES NOT START WITHIN 48 HOURS OF DATE GIVEN IN NOTICE.

 3. THE WRITTEN NOTICE IS TO STATE:

 - HE WRITIEN NOTICE IS TO STATE:

 CONTRACTOR'S NAME, ADDRESS, AND LOCAL TELEPHONE NUMBER.

 NATURE OF WORK TO BE DONE AND TIMING OF WORK.

 TIME AND LENGTH OF DISRUPTION TO EXPECT.

 EXPECTED DURATION OF CONSTRUCTION.

 CONTRACTOR'S LOCAL PHONE NUMBER TO WHICH EMERGENCY CONDITIONS CAN BE REPORTED DURING NORMAL WORK HOURS.
 - CONTRACTOR'S LOCAL PHONE NUMBER TO WHICH EMERGENCY CONDITIONS CAN BE REPORTED
 - DURING NON-WORKING PERIODS

DURING CONSTRUCTION:

- 20. AT LEAST SEVEN (7) CALENDAR DAYS PRIOR TO THE INSTALLATION OF EACH SERVICE LINE, THE CONTRACTOR SHALL DISTRIBUTE A WRITTEN NOTICE TO EACH EXISTING RESIDENCE OF BUSINESS TO BE SERVICED BY THE LINE, ADVISING THEM OF THE PLANNED SERVICE LINE LOCATION AND PROVIDING A CONTACT NAME, ADDRESS AND PHONE NUMBER FOR ANY COMMENTS REGARDING THE THE NOTICE WILL STATE IN BOTH ENGLISH AND SPANISH:
 - 1. THE ADDRESS TO BE SERVED.
 - 2. SKETCH WITH VALVE PIT AND SERVICE LATERAL LOCATION.
 3. CONTRACTOR CONTACT INFORMATION
 4. ALL MARK-UP/RETURNED VALVE PIT SKETCHES SHALL BE FORWARDED TO

 - ENGINEER/INSPECTOR FOR REVIEW PRIOR TO FINAL PLACEMENT OF VALVE PIT.

 5. IF RESIDENT DOES NOT RESPOND TO SKETCH, IT SHALL BE ASSUMED THAT THE VALVE PIT.
 - LOCATION AND/OR SERVICE LINE LATERAL LOCATION IS ACCEPTABLE AS SHOWN ON PLAN.
- 21. CONTRACTOR SHALL COORDINATE MAIL DELIVERY DURING CONSTRUCTION OF THE PROJECT WITH THE U.S. POSTAL SERVICE SO THAT THERE IS NO INTERRUPTION OF MAIL SERVICE. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE
- 22. CONTRACTOR SHALL COORDINATE AND INFORM PROPERTY OWNER PRIOR TO THE REMOVAL OF LANDSCAPING AND/OR OTHER MISCELLANEOUS IMPROVEMENTS THAT MAY BE ENCOUNTERED ALONG STREET RIGHT-OF-WAY ABUTTING PRIVATE PROPERTY TO BE REMOVED TO CONSTRUCT THE PROJECT. CONTRACTOR SHALL GIVE PROPERTY OWNER OPPORTUNITY TO REMOVE ANY LANDSCAPING THAT THE PROPERTY OWNER MAY DESIRE TO REMOVE. THE COST FOR PERFORMING THIS WORK IS INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE MADE THEREFORE.
- 23. DURING CONSTRUCTION, CONTRACTOR SHALL COORDINATE WITH SOLID WASTE FOR TRASH
 COLLECTION IN FRONT OF PROPERTIES AND MOVE TRASH BINS AS NECESSARY. THE COST FOR
 PERFORMING THIS WORK IS INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT SHALL BE

NOISE AND VIBRATORY CONCERNS:

- 24. THE CONTRACTOR SHALL BE RESTRICTED TO THE USE OF A 35-TON NON-VIBRATING ROLLER MAXIMUM TO OBTAIN THE REQUIRED COMPACTION IN EMBANKMENT AND SUBGRADE IN URBAN OR OTHER AREAS WHERE THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT STRUCTURES. RESTRICTED AREAS SHALL BE DETERMINED BY THE PROJECT
- 25. NOISE SUPPRESSION DEVICES SHALL BE KEPT IN WORKING ORDER ON ALL EQUIPMENT IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS AND CITY ORDINANCE THROUGHOUT THE

SITE MAINTENANCE:

- 26. ALL OF THE FOLLOWING SITE MAINTENANCE WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE THEREFORE.
 - -AFTER BACK FILLING TRENCH AND PRIOR TO ASPHALT SURFACING, ALL ROADS SHALL BE CONTINUALLY MAINTAINED INCLUDING ANY WATERING NECESSARY TO CONTROL DUST IN COMPLIANCE WITH GOVERNMENT ORDINANCES. CONTRACTOR SHALL SUPPLY ALL EQUIPMENT AND MATERIALS NECESSARY FOR PROVIDING WATER.
 - -THE CONTRACTOR SHALL KEEP THE ROADWAY SAFELY PASSABLE AT ALL TIMES BY DRAINING OR PUMPING FLOOD WATER AS NEEDED. THE CONTRACTOR SHALL SUBMIT A FLOOD CONTROL PLAN TO THE PROJECT MANAGER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. AT A MINIMUM, THE PLAN SHALL SHOW: 1) THE PROPOSED STORM WATER REMOVAL METHODS, 2) THE AVAILABILITY OF ON—CALL MATERIALS AND EQUIPMENT, 3) THE TIME FRAME FOR RESPONSE DURING A STORM EVENT, AND 4) THE LOCATION(S) FOR STORM WATER DISPOSAL. THE CONTRACTOR SHALL NOT DIVERT CONCENTRATED FLOWS ONTO PRIVATE PROPERTY. THIS SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO SEPARATE PAYMENT SHALL BE MADE.
 - -THE CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKS SITE. THE CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT AND STRUCTURES, WHETHER PERMANENT OR TEMPORARY.
 - -THE CONTRACTOR SHALL BE RESPONSIBLE FOR MISCELLANEOUS SITE PREPARATION AND CLEANUP WORK REQUIRED TO COMPLETE THE PROJECT.

DAMAGE/DISTURBANCE:

- 27. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY IT TO EXISTING WALLS, FENCES, SIDEWALKS, TRAIL SURFACES, IRRIGATION LINES, LANDSCAPING, VALVE BOXES, MANHOLES, ETC. DURING CONSTRUCTION AND SHALL REPAIR OR REPLACE SAME AT ITS OWN EXPENSE.
- 28. EXISTING CURB AND GUTTER NOT CALLED OUT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- 29. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE THE PAVEMENT USING CITY OF ALBUQUERQUE STANDARD DRAWING 2465, AT HIS OWN EXPENSE.
- 30. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY TRAFFIC SIGNS AND PAVEMENT MARKINGS THAT ARE DAMAGED OR REMOVED.
- 31. UPON COMPLETION OF CONSTRUCTION, ALL AREAS WITHIN PROJECT LIMITS WHICH ARE DISTURBED OR ARE TO BE RE-VEGETATED SHALL BE SEEDED IN ACCORDANCE WITH SECTION 1012 "NATIVE PLANT SEEDING" OF THE COA STANDARD SPECIFICATIONS, EXCEPT AS MODIFIED HEREIN.
- 32. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A VIDEO TAPE OF THE EXISTING CONSTRUCTION PROJECT SITE PRIOR TO CONSTRUCTION AS OUTLINED IN THE CONTRACT PROJECT SPECIFICATIONS. CONTRACTOR WILL NOT BE PAID FOR MOBILIZATION UNTIL THE VIDEO TAPE IS

EARTHWORK:

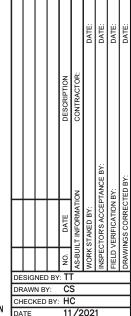
- 33. ALL EXCAVATION WILL BE GOVERNED BY FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 34. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND RECORDING ALL EXISTING AND FINAL GRADES BY CROSS—SECTIONING OR OTHER MEANS, FOR THE PURPOSE OF DETERMINING EARTHWORK QUANTITIES. THESE RECORDS WILL BE SUBJECT TO REVIEW BY THE PROJECT ENGINEER FOR VERIFICATION OF PAY QUANTITIES.
- 35. THE EARTHWORK QUANTITIES WILL BE BASED ON FINAL VOLUMES COMPACTED IN PLACE ON-SITE

EXCAVATION AND BACK FILL QUANTITY WILL BE BASED ON A SHRINKAGE FACTOR OF 10%.

- 36. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL. STATED AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES SHALL BE CARRIED OUT IN ACCORDANCE WITH OSHA 29, CFR 1926.650, SUBPART P.
- 37. UNLESS OTHERWISE STATED WITHIN THIS PLAN SET, ALL SIDE SLOPES SHALL BE 3:1 (HORIZONTAL TO VERTICAL) MAXIMUM, KEEPING SLOPES FLATTER WHEREVER POSSIBLE. SLOPES SHALL TRANSITION SMOOTHLY TO EXISTING GRADES IN ALL CASES.
- 38. THE CONTRACTOR SHALL WARP SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT-OF-WAY OR CONSTRUCTION EASEMENT LIMITS.
- 39. THE DESIGN "R" VALUE FOR THIS PROJECT IS 50. MATERIAL WITH AN "R" VALUE OF LESS THAN 50 SHALL NOT BE PLACED IN, NOR ALLOWED TO REMAIN WITHIN THE TOP TWO FEET OF FINISHED
- 40. SPOIL PILES WILL BE ALLOWED ONLY AS APPROVED BY THE CITY/COUNTY ENGINEER.
- 41. NO MATERIAL PITS HAVE BEEN IDENTIFIED FOR THIS PROJECT. THE CONTRACTOR MAY OBTAIN SUITABLE MATERIAL FROM ANY ACCEPTABLE SOURCE, PROVIDED THAT IT MEETS PROJECT SPECIFICATIONS. ALL MATERIAL PIT ACTIONS SHALL BE IN COMPLIANCE WITH SECTION 205 OF THE C.O.A. SPECIFICATIONS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR HAULING OF SUCH
- 42. CONTRACTOR IS RESPONSIBLE FOR EXAMINATION OF THE SITE AND DETERMINATION OF THE CHARACTER AND QUANTITY OF MATERIALS TO BE ENCOUNTERED.
- 43. IF UNCLASSIFIED / UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THE CONTRACTOR WILL NOT BE PAID FOR THIS BID ITEM. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IMMEDIATELY UPON DISCOVERY OF MATERIAL THAT MAY BE CONSIDERED UNSUITABLE PRIOR TO BEGINNING ANY WORK. ANY WORK COMPLETED WITHOUT THE VERIFICATION OF UNSUITABLE MATERIAL AND ASSOCIATED QUANTITY BY THE OWNER AND ENGINEER WILL BE AT THE SOLE RISK OF THE CONTRACTOR. OF THE CONTRACTOR.
- 44. ANY EXCESS SOIL MATERIAL REMAINING AS A RESULT OF NEW WATER LINE, SEWERLINE, STORM DRAIN OR ANY OTHER ABCWUA INFRASTRUCTURE INSTALLATION SHALL BE REMOVED AND DISPOSED BY THE CONTRACTOR AND SHALL BE CONSIDERED INCIDENTAL TO THE BID UNIT PRICES. THE CITY/COUNTY WILL NOT BE RESPONSIBLE FOR ANY ADDITIONAL PAYMENT.
- 45 EXCESS SUITABLE SOIL MATERIAL REMAINING AS A RESULT OF UNDERGROUND INFRASTRUCTURE EXCESS SUITABLE SOIL MATERIAL, REMAINING AS A RESULT OF UNDERGROUND INFRASTRUCTURE INSTALLATION OR LOWERING OF ROADWAY ELEVATIONS SHALL BE USED ON-SITE AS NEEDED FOR FILL AREAS OR FOR BACKFILL. ON-SITE MATERIAL SHALL BE USED IN LIEU OF IMPORTING OFF-SITE MATERIAL. NO ADDITIONAL PAYMENT WILL BE MADE TO CONTRACTOR FOR IMPORT OF OFF-SITE MATERIAL IN LIEU OF USING ON-SITE SOIL MATERIAL NOR WILL ANY ADDITIONAL PAYMENT BE MADE FOR ON-SITE MATERIAL THAT WILL BE USED AS BACKFILL. VERIFY WITH PROJECT MANAGER PRIOR TO REMOVAL OF ANY EXCESS SOIL MATERIAL FROM JOB SITE.
- 46. CONTRACTOR SHALL SUPPORT ALL POWERPOLES AND FENCES ALONG THE RIGHT-OF-WAY IF NECESSARY DURING CONSTRUCTION OF ABCWUA INFRASTRUCTURE OR STORM DRAIN INFRASTRUCTURE. THIS WORK IS INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE THEREFORE.







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**



DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | ZONE MAP NO. Approved by Albuquerque r and Design City Enginee Review Committee, Nov. 30, 2021

L-12 CITY PROJECT NO. 553892

SHEET NO. 1-3 OF 19

GENERAL NOTES

GENERAL UTILITY NOTES:

- 47. ALL UTILITIES, UTILITY SERVICE LINES, AND STORM DRAIN LINES SHALL BE INSTALLED PRIOR TO PAVING.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990 (ALBUQUERQUE AREA), 1-800-321-ALERT (2537) (STATEWIDE) FOR LOCATION OF
- 49. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- CONTRACTOR SHALL COORDINATE WITH THE ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY SEVEN (7) WORKING DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN
 FACILITIES MUST BE COORDINATED WITH THE WATER UTILITY AUTHORITY 14 DAYS IN ADVANCE OF
 PERFORMING SUCH WORK. ONLY WATER UTILITY AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ON-LINE AT HTTP://WWW.ABCWUA.ORG/INFO-FOR-BUSINESS-WATER-MAIN-SHUTOFF/
- 51 CONTRACTOR SHALL COORDINATE WITH PERTINENT LITHLITY COMPANIES OF ALL EXISTING LITHLITY LINES AND CONTRACTOR FARLL COVENINATE WITH PERTINENT OFFICE OF THE RELOCATION. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY WORK CREWS. THE CONTRACTOR SHALL RESCHEDULE HIS ACTIVITIES AS NECESSARY TO ALLOW UTILITY WORK CREWS TO PERFORM THE REQUIRED WORK.
- 52. CONTRACTOR SHALL COORDINATE ANY REQUIRED UTILITY INTERRUPTIONS WITH THE AFFECTED UTILITY COMPANY A MINIMUM OF THREE WORKING DAYS BEFORE THE INTERRUPTION.
- POTHOLE DATA ON THESE PLANS ARE FOR INFORMATION ONLY AND ARE NOT TO RELIEVE THE CONTRACTOR POHOLE DATA ON THESE PLANS ARE FOR INFORMATION ONLY AND ARE NOT TO RELIEVE THE CONTRACTOR FROM RESPONSIBILITY TO CONDUCT POTHOLE EXCAVATION IN ADVANCE OF CONSTRUCTION. CONTRACTOR SHALL POTHOLE THE ENTIRE JOB SITE CORRIDOR WELL IN ADVANCE OF CONSTRUCTION PROVIDING THE ENGINEER AND OWNER WITH A DETAILED TABLE OF POTENTIAL INTERFERENCES LISTING AT A MINIMUM THE ELEVATIONS OF BOTH THE PROPOSED UNDERGROUND UTILITY INFRASTRUCTURE AND EXISTING INTERFERING UTILITY INFRASTRUCTURE AND EXISTING INTERFERING UTILITIES SO THAT THE OWNER MAY HAVE THE OPPORTUNITY TO CHANGE THE ALIGNMENT, IF NECESSARY, OR NOTIFY EXISTING UTILITY OWNERS TO RELOCATE THEIR LINES AS NECESSARY. ALL UTILITY LOCATION EFFORTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE TO THE CONTRACTOR. ANY DELAYS AND ASSOCIATED COSTS FOR UTILITY CONFLICTS THAT ARE CAUSED BY INSUFFICIENT UTILITY LOCATING EFFORTS BY THE CONTRACTOR SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR AND NO ADDITIONAL PAYMENT WILL BE MADE TO THE CONTRACTOR.
- 54. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF THE EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE; THERFORE, THE ENGINEER ASSUMES NO RESPONSIBILITY OR LIABILITY FOR THE RESULTS OF THE INVESTIGATION. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES
- 55. ALL UTILITY LINES SHALL BE MAINTAINED IN SERVICE. SHORING, SHEETING, AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT DAMAGE OR LOSS OF THESE EXISTING UTILITIES. BEAM AND CABLE OR OTHER ADEQUATE SUPPORTS SHALL BE USED FOR TEMPORARY SUPPORT OF ALL UTILITY LINES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE PROMPTLY REPAIRED AT THE CONTRACTOR'S EXPENSE. THE ENGINEER MUST BE IMMEDIATELY NOTIFIED OF ANY SIGNIFICANT DEVIATION OF EXPOSED UTILITIES FROM THE LOCATIONS SHOWN ON THE PLANS SO THAT CONFLICTS CAN BE RESOLVED IN A TIMELY MANNER
- 56. CONTRACTOR SHALL PROVIDE A UTILITY SUPPORT DESIGN FOR ALL LARGE AND/OR CRITICAL SERVICES (E.G. COMMUNICATION SHALL PROVIDE A UTILITY SUPPORT DESIGN FOR ALL LARGE AND/OR CRITICAL SERVICES (E.C. COMMUNICATIONS AND ELECTRIC DUCT BANKS, EXPOSED GRAVITY LIBE JOINTS, PRESSURIZED WATERLINES, SEWER FORCE MAINS, ETC.). SUPPORT FOR THESE CRITICAL SERVICES SHALL BE DESIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER AND SUBMITTED TO OWNER FOR APPROVAL. THE DESIGN AND INSTALLATION OF BOTH CRITICAL AND NONCRITICAL SUPPORTS SHALL BE PERFORMED AT THE
- 57. FOR PIPELINE TRENCH EXCAVATION, CONTRACTOR SHALL COMPLY WITH THE OSHA REGULATIONS STANDARD NO. 1926. TRENCH SUPPORT AND TEMPORARY SHORING SHALL BE REQUIRED FOR PROTECTION OF LIFE AND LIMB DURING PIPELINE CONSTRUCTION TO SATISFY CONSTRAINTS IDENTIFIED IN THE DRAWINGS FOR LIMITS OF DISTURBANCE, PROTECTION OF EXISTING UTILITIES, TRAFFIC CONTROL, ETC. AND SHALL BE DESIGNED BY CONTRACTOR IN ACCORDANCE WITH OSHA STANDARDS.
- 58 DESIGN AND CONSTRUCTION OF ALL FORMS, SHORING, AND TEMPORARY BRACING SHALL COMPLY WITH 29 CFR 1926 AND THESE COSTS SHALL BE CONSIDERED INCIDENTAL TO THE TRENCHING AND BACK FILL
- 59. ANY DAMAGE TO EXISTING FACILITIES (PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- TRENCHING, ASPHALT CUTTING AND PATCHING SHALL CONFORM TO THE CITY OF ALBUQUERQUE STANDARD
- 61. CONTRACTOR SHALL UTILIZE FLOWABLE FILL WHEREVER BACK FILL MATERIAL CANNOT BE PLACED AND COMPACTED BETWEEN THE NEW PIPE LINE AND EXISTING UTILITIES OR IF THE VERTICAL SEPARATION BETWEEN THE NEW PIPE LINE AND EXISTING UTILITY IS LESS THAN 12-INCHES.
- 62. FOR TRENCH DEPTHS EXCEEDING 20 FEET, CONTRACTOR SHALL SUBMIT VERIFICATION TO ENGINEER THAT TRENCH SUPPORT IS DESIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
- 63. ALL EXISTING WATER VALVE BOXES AND MANHOLES WITHIN CONSTRUCTION LIMITS ARE TO BE ADJUSTED TO AL GRADE AND WILL BE MEASURED AND PAID PER EACH

SEWER SYSTEMS:

- 64. SEWER SERVICE MUST BE MAINTAINED DURING CONSTRUCTION, SHORING, SHEETING, AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT DAMAGE OR LOSS OF EXISTING SEWER LINES. BEAM AND CABLE OR OTHER ADEQUATE SUPPORTS SHALL BE USED FOR TEMPORARY SUPPORT CALL UTILITY LINES. ANY DAMAGE TO EXISTING SEWER MAIN AND SERVICE LINES SHALL BE PROMPTLY REPAIRED AT THE CONTRACTOR'S EXPENSE. THE ENGINEER MUST BE IMMEDIATELY NOTIFIED OF ANY SIGNIFICANT DEVIATION OF EXPOSED UTILITIES FROM THE LOCATIONS SHOWN ON THE PLANS SO THAT CONFLICTS CAN BE RESOLVED IN A TIMELY MANNER.
- 65. VACUUM VALVE PIT AND BUFFER TANK LOCATIONS SHOWN ON THE PLAN AND PROFILE SHEETS ARE APPROXIMATE AND MAY BE ADJUSTED IN THE FIELD WITH APPROVAL OF THE ENGINEER.

- 66. VACUUM MAIN LOCATIONS SHOWN ON THE PLAN AND PROFILE SHEETS MAY BE ADJUSTED TO ACCOMMODATE FIELD CONDITIONS WITH THE APPROVAL OF THE ENGINEER.
- 67. PLANS MAY NOT SHOW ALL FITTINGS AND BENDS REQUIRED FOR THE INSTALLATION OF ALL SERVICE LINES. ADDITIONAL BENDS AND FITTINGS ARE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF ALL SEWER SERVICE LINES.

WATER SYSTEMS:

- 68. CONTRACTOR SHALL ADJUST ALL WATER VALVE BOXES, VAULT LIDS AND OTHER APPURTENANCES TO FINISH GRADE PER COA STANDARD DETAIL 2326.
- 69. CONTRACTOR SHALL MAKE ALL WATER VALVES AND VAULT LIDS ACCESSIBLE TO THE OWNER AT ALL TIMES.
- 70. IF A WATER SERVICE LINE IS DAMAGED, CONTRACTOR SHALL REPLACE FROM MAIN TO METER BOX WITHOUT SPLICING AT NO ADDITIONAL COST TO THE OWNER.
- 71. THE FIRE DEPARTMENT SHALL BE NOTIFIED 48 HOURS IN ADVANCE BY THE CONTRACTOR, WHENEVER A FIRE HYDRANT IS TO BE REMOVED OR RELOCATED, THIS IS INCIDENTAL TO THE CONSTRUCTION OF THE
- 72. ELECTRONIC MARKER SPHERES (EMSs) BY 3M OR APPROVED EQUAL SHALL BE INSTALLED ON ALL BENDS, VALVES, FITTINGS TEES PER SECTION 170 OF COA STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND MANUFACTURER'S RECOMMENDATIONS AND WITH A MINIMUM DETECTABLE RANGE OF 8 FEET FROM DETECTOR TO LOCATIOR. THIS COST IS CONSIDERED INCIDENTAL TO THE COST OF THE WATERLINE AND NO SEPARATE PAYMENT SHALL BE MADE THEREFORE.
- 73. CONTRACTOR SHALL INSTALL WATER MAIN CROSSING SEWER AND STORM SEWER LINES TO PROVIDE A MINIMUM VERITICAL SEPARATION OF 18 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER LINE. THIS SEPARATION SHALL BE MAINTAINED WHERE THE WATER MAIN IS EITHER ABOVE OR BELOW THE SEWER LINE. THE CROSSING SHALL BE ARRANGED SO THAT THE WATER MAIN JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER LINE.
- 74. CONTRACTOR SHALL DISINFECT ALL PIPING IN ACCORDANCE WITH THE COA AND AMERICAN WATER WORKS ASSOCIATION (AWWA) SPECIFICATION BEFORE WATER SYSTEMS ARE PUT IN OPERATION. CONTRACTOR SHALL SUBMIT A TESTING AND DISINFECTION PLAN FOR REVIEW AND APPROVAL PIOR TO TESTING. A BACK FLOW PREVENTER AND ASSOCIATED VALVE SHALL BE INSTALLED TO PROTECT THE COA SYSTEM. NO ADDITIONAL PAYMENT WILL BE MADE.
- 75. CONTRACTOR MAY PRESSURE TEST AND DISINFECT CONCURRENTLY. COORDINATE WITH WATER UTILITY AUTHORITY (WUA) INSPECTOR.
- BACTERIOLOGICAL TEST WILL BE REQUIRED IN ACCORDANCE WITH COA SPECIFICATIONS AND THE RESULTS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL.

PAVEMENT:

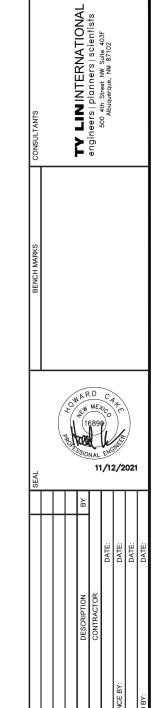
- 77. TEMPORARY PAVEMENT SHALL BE PLACED AT ALL TRENCHES REQUIRED FOR THE UTILITY REPLACEMENT IN THOSE AREAS THAT MUST MAINTAIN TRAFFIC UNTIL THE FINAL PAVEMENT WORK STARTS IN EACH AREA. TEMPORARY STRIPING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. MAINTENANCE OF TEMPORARY PAVING AND STRIPING SHALL BE AT THE CONTRACTOR'S EXPENSE
- 78. WHEN ABUTTING NEW PAVEMENT TO THE EXISTING INTERSECTING STREETS, THE EXISTING PAVEMENT SHALL BE SAW CUT PER CITY OF ALBUQUERQUE STANDARD DRAWING 2465 TO A STRAIGHT LINE AT RIGHT ANGLES AND ANY BROKEN OR CRACKED PAVEMENT SHALL BE REMOVED. SAW CUTTING SHALL BE CONSIDERED INCIDENTAL TO PAVING; THEREFORE, NO DIRECT PAYMENT WILL BE MADE FOR SAW CUTTING. ALL SAW CUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND SHALL HAVE TACK COAT APPLIED. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO PAVING OPERATIONS AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFORE
- 79. WHEN ABUTTING EXISTING AREAS, ALL NEW STREET PAVING, DRIVEWAYS, AND SIDEWALKS SHALL MATCH THE
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING INFRASTRUCTURE (C&G, PAVING MARKINGS, PAVING, SIDEWALKS, WHEELCHAIR RAMPS, DRIVEPADS, ETC.) DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS. REPAIR OR REPLACEMENT OF THE SAME SHALL BE AT THE CONTRACTOR'S OWN EXPENSE. CONTRACTOR SHALL SUITABLY PROTECT THE CURB AND GUTTER FROM INCIDENTAL SPLASHING DURING THE TACK COAT APPLICATION AND CLEANING SHALL BE AT THE CONTRACTOR'S EXPENSE SHOULD SPLASHING OCCUR.
- 81. WHERE A PROFILE GRADE IS NOT PROVIDED IN THE PLANS, STREET CENTERLINE GRADES SHALL BE RESTORED BY THE CONTRACTOR TO THE EXISTING CENTERLINE GRADES. CROSS SECTION THE EXISTING ROAD PRIOR TO CONSTRUCTION AT 50' MINIMUM SPACING. MINOR ADJUSTMENTS TO THE STREET GRADES MAY BE NECESSARY AND WILL BE DIRECTED BY THE PROJECT MANAGER. MINOR ADJUSTMENTS TO STREET GRADES WILL BE CONSIDERED INCIDENTAL TO THE PAVING BID ITEMS. SMOOTH TRANSITIONS SHALL BE MADE BETWEEN EXISTING PAVEMENT WHICH REMAINS IN PLACE AND PAVEMENT WHICH IS BEING REPLACED. TRAFFIC CONTROL DEVICES, INCLUDING PAVEMENT MARKINGS MUST BE RESTORED TO THE SAME OR BETTER CONTROL DEVICES, INCLUDING PAVEMENT MARKINGS MUST BE RESTORED TO THE SAME OR BETTER CONDITIONS AS BEFORE CONSTRUCTION
- 82. THE FINAL SURFACE OF THE REPLACED PAVEMENT AND GUTTER SHALL CONFORM TO A GRADE LINE SET BY THE CONTRACTOR SUCH THAT THE PAVEMENT AND GUTTER WILL READILY DRAIN AND DOES NOT VARY SIGNIFICANTLY FROM ADJACENT EXISTING GRADES.
- 83. MATCH FLOW LINES OF CURB AND GUTTER TO EXISTING WHEN CONNECTING NEW CURB AND GUTTER TO
- 84. WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE BACK TO NEAREST SUITABLE JOINT UNLESS OTHERWISE NOTED.
- PAVEMENT DROP-OFF POLICY: IF A PAVEMENT DROP-OFF IS CREATED DURING CONSTRUCTION, THE CONTRACTOR SHALL INITIATE PROTECTIVE ACTION IN ACCORDANCE WITH THE NMDOT CURRENT DROP-OFF POLICY. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF THIS PROJECT AND NO SEPARATE PAYMENT OR MEASUREMENT WILL BE MADE THEREFORE.
- 86. MAXIMUM ALLOWARIE VERTICAL DROP BETWEEN CONCRETE CURB RAMPS AND ADJACENT STREET PAVEMENT IS ¼". FAILURE TO MEET THIS REQUIREMENT SHALL NECESSITATE SUFFICIENT SURFACE CORRECTION AS TO ACHIEVE THE REQUIRED TOLERANCE, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE CONTRACTING AGENCY.
- SUBGRADE PREPARATION UNDER SIDEWALKS AND DRIVE PADS, AND SUBGRADE AND SUBBASE PREPARATION UNDER CURB AND GUTTER IS CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH AND NO DIRECT PAYMENT SHALL BE MADE FOR THOSE ITEMS OF WORK.
- 88. CONTRACTOR WILL NOT PAVE OVER ANY SURFACE FEATURE, I.E., GAS VALVE, MANHOLE COVER, WATER VALVE, ETC. WITHOUT PRIOR APPROVAL FROM THE PROJECT ENGINEER.
- CONTRACTOR SHALL UTILIZE A TRENCH BOX AVOIDING ANY DAMAGE TO EXISTING ROADWAY PAVEMENT UNLESS OTHERWISE NOTED ON PLANS: ANY DAMAGE TO EXISTING PAVEMENT SHALL BE REPLACED BY THE CONTRACTOR PER THE EXISTING PAVEMENT SECTION AND SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE TO THE CONTRACTOR.

90. CONTRACTOR SHALL CONSTRUCT TEMPORARY ASPHALT PAVEMENT AS DIRECTED BY THE ENGINEER TO PROVIDE ACCESS TO LOCAL RESIDENCES, BUSINESSES, ETC. TEMPORARY PAVEMENT SHALL BE REMOVED AND DISPOSED PRIOR TO PLACEMENT OF FULL WIDTH PAVEMENT SECTION.

- 91. THE CONTRACTOR SHALL CONTACT PROJECT MANAGER BEFORE REMOVING AND/OR INSTALLING ANY TRAFFIC SIGNS OR PERMANENT STRIPING AND MARKINGS.
- ALL TRAFFIC SIGNS AND CODING SHALL BE IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION. COORDINATE NEW SIGN LOCATIONS WITH PROJECT ENGINEER PRIOR TO INSTALLATION OR AS CALLED OUT IN THE PLANS.
- 93. ALL DETOURS AND ROADWAYS SHALL BE PAVED AND STRIPED PRIOR TO OPENING ANY SECTION TO
- 94. THE CONTRACTOR SHALL COORDINATE WITH COA FOR CONSTRUCTION BARRICADING AND TRAFFIC CONTROL FOR ANY WORK ON COA RIGHT-OF-WAY.

MIDDLE RIO GRANDE CONSERVANCY DISTRICT (MRGCD):

- 95. ANY WORK TO BE PERFORMED WITHIN THE MIDDLE RIO GRANDE CONSERVANCY DISTRICT (MRGCD) RIGHT-OF-WAY SHALL BE CLOSELY COORDINATED WITH THE MRGCD ENGINEERING DEPARTMENT AND APPROPRIATE FIELD OFFICE.
- 96. (505) 247-0234.
- 97. NO WORK SHALL BE DONE ON FACILITIES OR STRUCTURES BELONGING TO, OR OPERATED BY, THE MRGCD BETWEEN MARCH 1 AND OCTOBER 31 INCLUSIVE. HOWEVER, WORK MAY BE PERMITTED BY THE MRGCD IF IT CAN BE SHOWN THAT THE WORK WILL NOT INTERFERE WITH OPERATIONS OF MRGCD. FACILITIES MUST BE APPROVED BY THE MRGCD ENGINEER PRIOR TO COMMENCING WORK
- 98. THE CONTRACTOR SHALL NOT STORE EQUIPMENT, NEW MATERIALS OR DEBRIS WITHIN DISTRICT RIGHT-OF-WAY WHICH MAY INTERFERE WITH OPERATIONS AND MAINTENANCE OF THE MRGCD FACILITY.
- 99. THE CONTRACTOR SHALL NOT SERVICE VEHICLES OR EQUIPMENT WITHIN THE MRGCD RIGHT-OF-WAY.
- 100. SEEDING OF DISTURBED AREAS WITHIN THE MRGCD RIGHTS OF WAY IS REQUIRED PER THE MRGCD SEEDING
- 101. THE CONTRACTOR SHALL MAINTAIN A MINIMUM COVER OF 3' OVER ALL CULVERT CROSSING USED FOR ACCESS TO THE PROJECT SITE.
- 102. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING AND OR REPLACEMENT OF ANY STRUCTURES REMOVED AND OR DAMAGED DUE TO THE CONTRACTORS ACTIVITIES WITHIN THE DISTRICT'S RIGHT-OF-WAY. SHOULD ANY TURNOUTS, CULVERT PIPES, AND/ OR STRUCTURES REQUIRE REPLACEMENT DUE TO LEAKAGE AND OR DAMAGE BY THE CONTRACTORS, NEW TURNOUTS, AND NEW CULVERT PIPES AND/OR NEW STRUCTURES SHALL REPLACE THE DAMAGED ITEM. REPAIRS AND OR REPLACEMENTS WITHIN THE DISTRICT'S RIGHT-OF-WAY SHALL COMPLY WITH THE DISTRICTS SPECIFICATIONS
- 103. ALL DAMAGED CULVERT CROSSINGS AND CULVERT CROSSINGS REMOVED AND/OR DISTURBED SHALL BE RESTORED AND/OR REPLACED TO THE SATISFACTION OF THE MRGCD AND COMPLY WITH THE MRGCD
- 104. ALL SALVAGEABLE CULVERTS, IRRIGATION GATES, ETC. MUST BE RETURNED TO MRGCD.
- 105. THE CONTRACTOR IS RESPONSIBLE FOR EXECUTING A "SPECIAL USE LICENSE AGREEMENT" WITH THE MRGCD PRIOR TO CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED TO THE CONTRACTOR FOR THIS "SPECIAL USE LICENSE AGREEMENT".





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

GENERAL NOTES

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.

DESIGNED BY: TT

DRAWN BY: CS

CHECKED BY: HC

DATE 11/2021

553892

SHEET NO. 1-4 OF 19

LIN INTERNATIONAL
ineers | planners | scientists
500 4th Street NW Suite 403F
Albaquerque, NM 87102

GENERAL NOTES

105. THE CONTRACTOR SHALL MAINTAIN AN UP-TO-DATE SET OF AS-BUILT PLANS FOR THE PROJECT, . 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. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED. THESE PLANS 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 ONCE 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.
- 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 107. SUBMITTALS: 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 CHANCES 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

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

ADDITIONAL ENVIRONMENTAL NOTES:

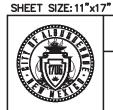
- 109. DISPOSAL OF UNSUITABLE MATERIALS & DEBRIS: THE CONTRACTOR SHALL NOTIFY THE PROJECT DISPOSAL OF UNSUITABLE MATERIALS & DEBRIS: THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER IN WRITING OF THE DETAILS OF THE DISPOSAL OPERATIONS. BORROW, MATERIALS, ROCK WASTE, VEGETATION DEBRIS, ETC., SHALL NOT 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
- 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. ALERAS 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 SHALL BE DETERMINED BY THE 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
- 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 "BEINE 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 IMMEDIATLY 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 ONE TRADER OF THE NM ENVIRONMENT DEPARTMENT EMPERISON OF SENDINGS AT 827-9329. NON-EMPERISON MAY BE REPORTED TO DEPARTMENT EMERGENCY RESPONSE AT 827-9329. NON-EMERGENCIES MAY BE REPORTED TO
- 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 ABOWLA FOR WATER AVAILABILITY AND USE. THE CONTRACTOR SHALL SUPPLY ALL EQUIPMENT AND MATERIALS NECESSARY FOR PROVIDING WATER.



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DEPARTMENT OF MUNICIPAL DEVELOPMENT **ENGINEERING DIVISION**

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | ZONE MAP NO. Approved by Albuquerque City Enginee r and Design Review Committee, Nov. 30, 2021 SHEET NO. 1-5 OF 19

L-12 CITY PROJECT NO. 553892

DRAWN BY: CS

11/12/2021

DESIGNED BY: TT

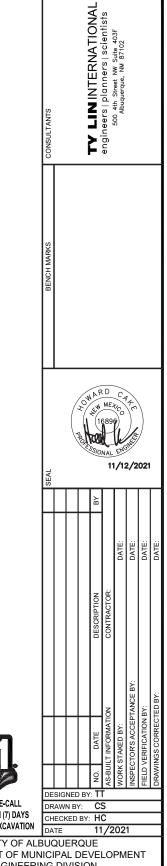
GENERAL NOTES

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	wĸ	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	-	ı	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	34—inch Water Service, Line Replacement & Transfer, including tapping, saddle & tubing, CIP	EA	1
32	338	802	COA	34-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

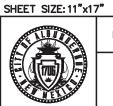
- GEOTEXTILE FABRIC INCIDENTAL TO BID ITEM #27. PAYMENT FOR STORM INLETS SHALL INCLUDE ALL EQUIPMENT, LABOR AND MATERIALS REQUIRED IN FURNISHING THE GRAVEL AND GEOTEXTILE FABRIC.
- 2. SIDEWALK WIDTH TRANSITIONS INCLUDED IN BID ITEM #16.





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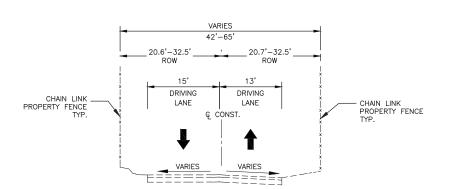


CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

SUMMARY OF QUANTITIES

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL ZONE MAP NO. Approved by Albuquerque City Engineer and Design Review Committee, Nov. 30, 2021 SHEET NO 1-6 OF 19

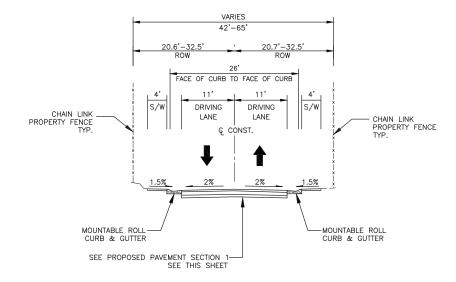
CITY PROJECT NO. **553892**



SHARI VISTA ROAD - EXISTING TYPICAL SECTION

STA 1+77.56 TO STA 3+53.29

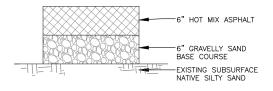
SHARI VISTA ROAD CUL-DE-SAC STA 3+53.29 TO STA 4+23.48



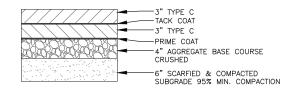
SHARI VISTA ROAD - PROPOSED TYPICAL SECTION

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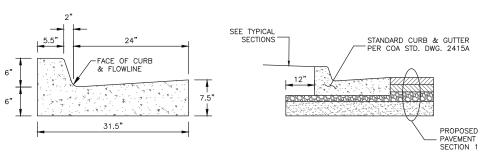
SHARI VISTA ROAD CUL-DE-SAC STA 3+53.29 TO STA 4+29.61



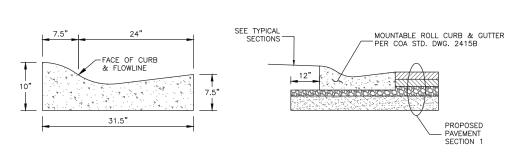
EXISTING PAVEMENT SECTION



PROPOSED PAVEMENT SECTION 1



6" STANDARD CURB & GUTTER DETAIL

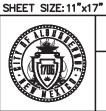


MOUNTABLE ROLL CURB & GUTTER DETAIL



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DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION

TYPICAL SECTION

	DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	ZONE MAP NO.
	Approved by	Albuquerque	L-12
١	City Enginee	r and Design	CITY PROJECT NO. 553892
	Review Committe	ee, Nov. 30, 2021	SHEET NO. 1—7 OF 19

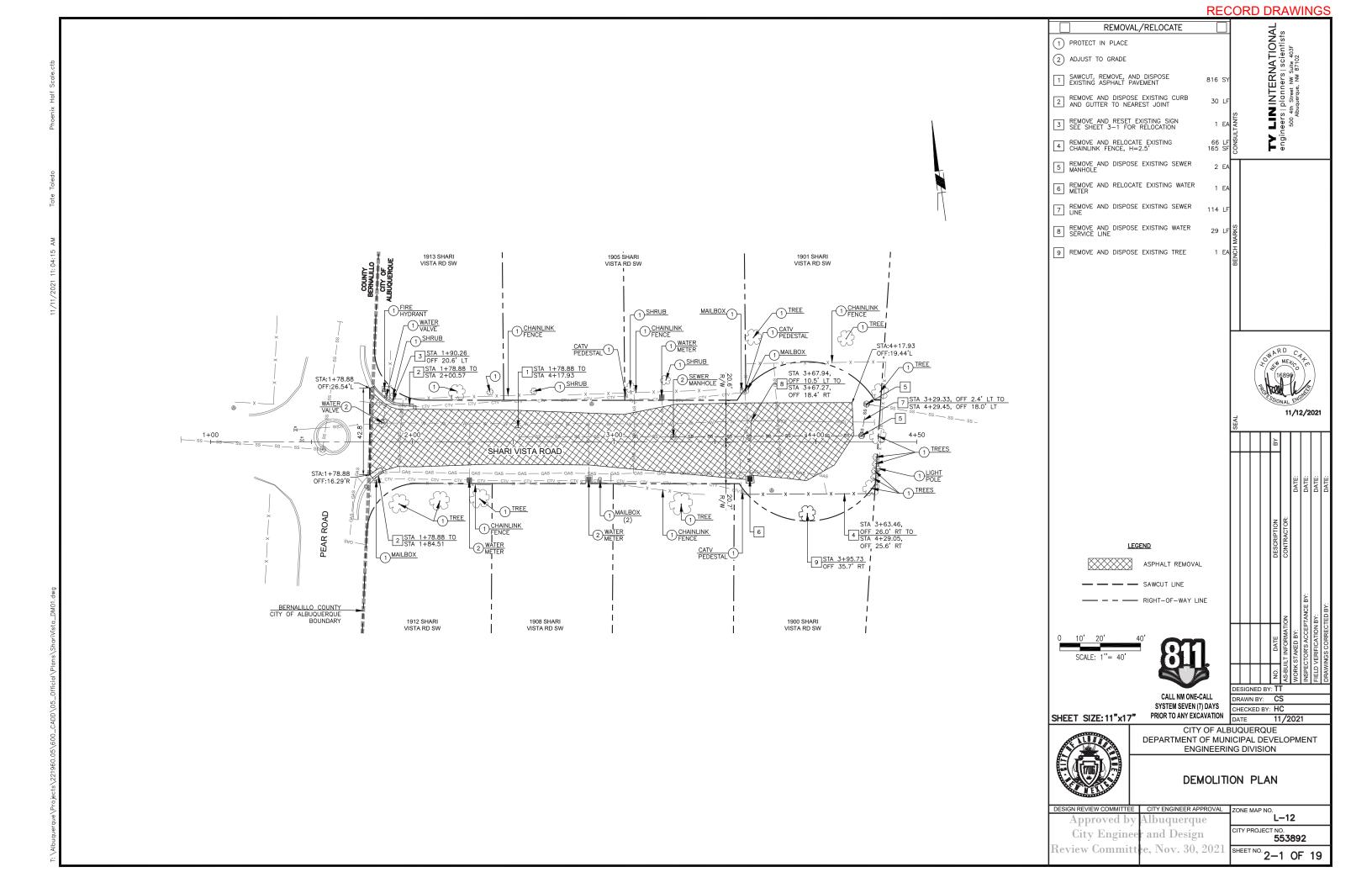
ONE MAP NO. L-12 CITY PROJECT NO. **553892**

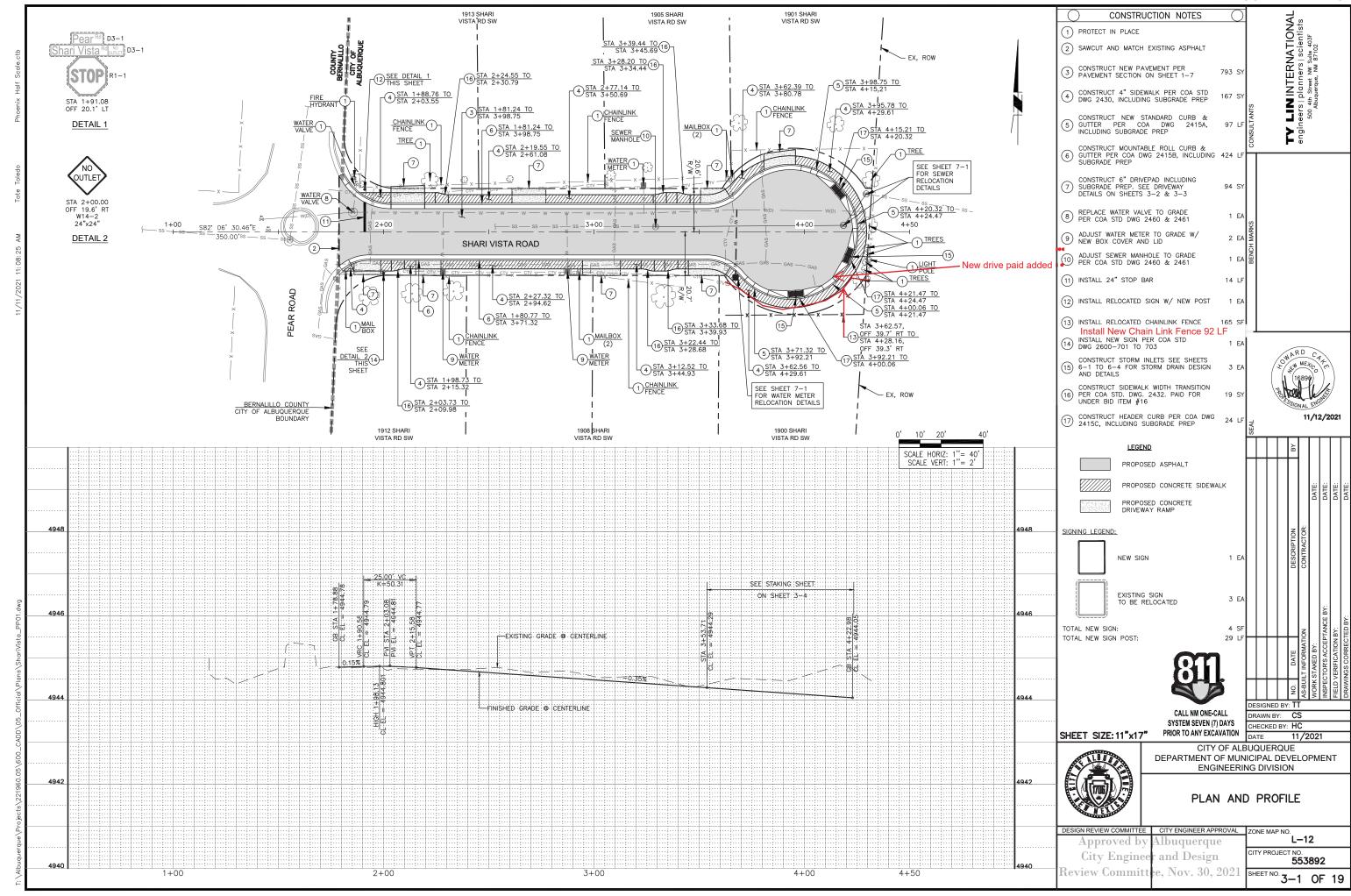
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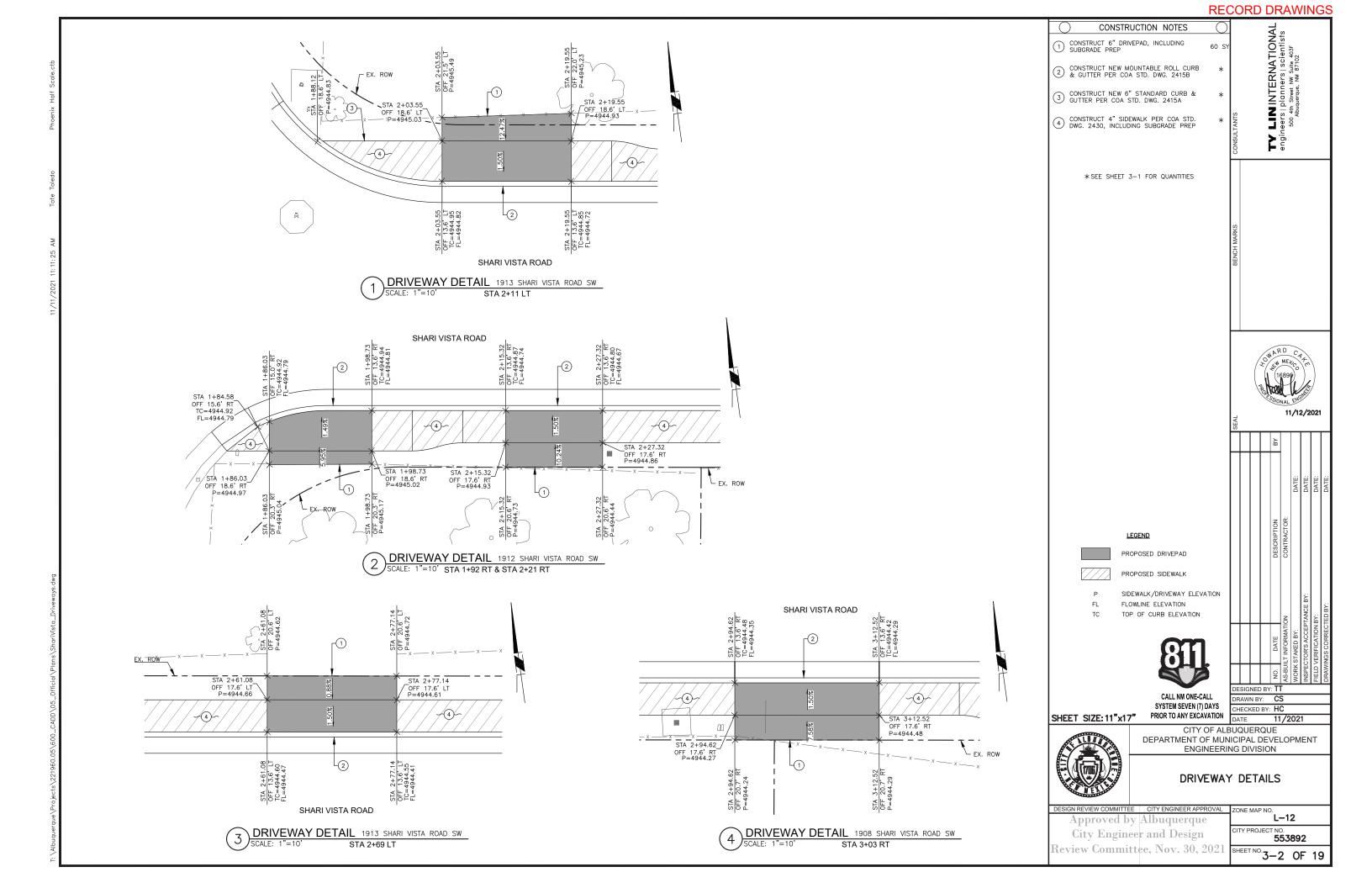
RECORD DRAWINGS

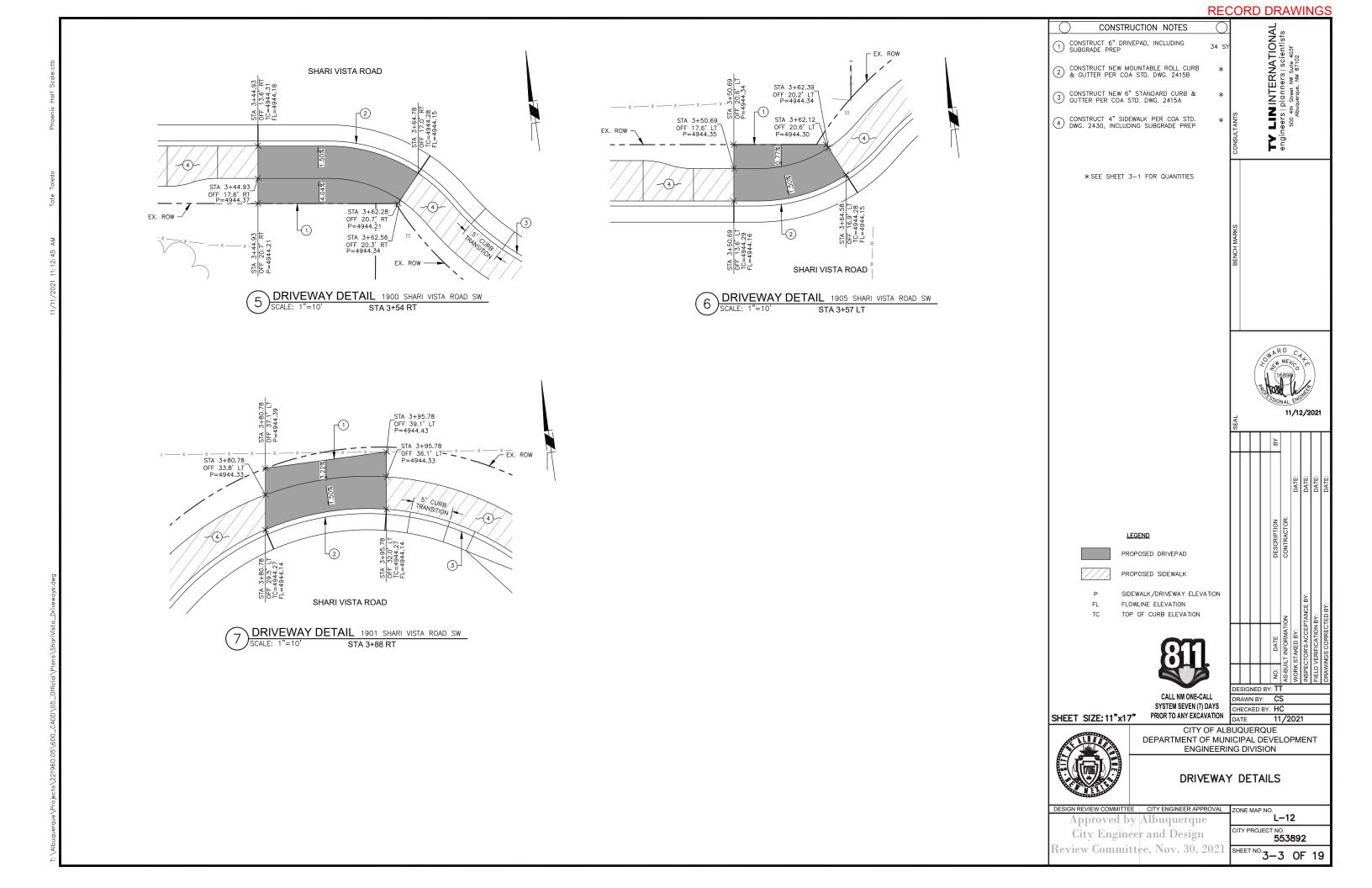
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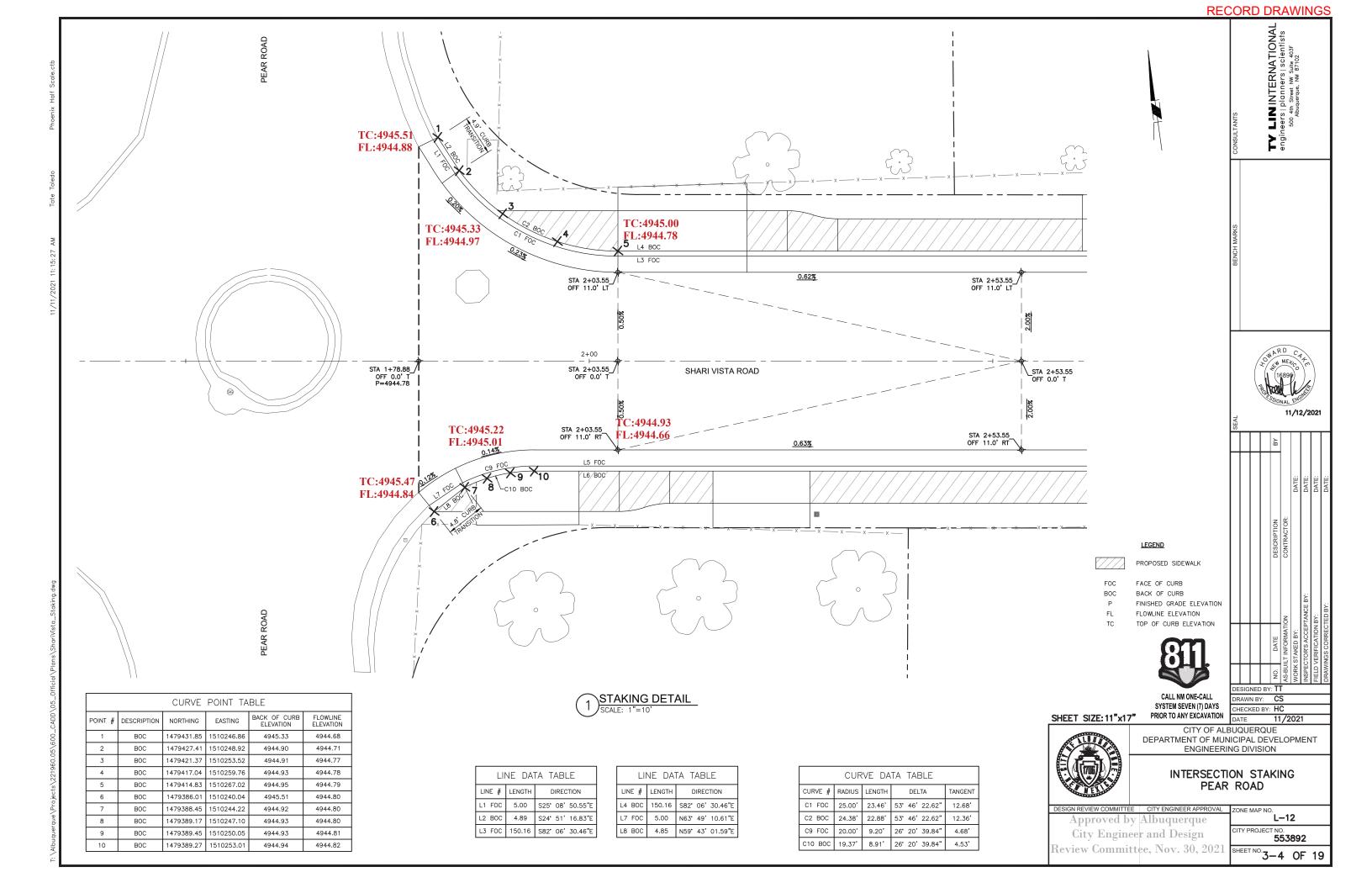
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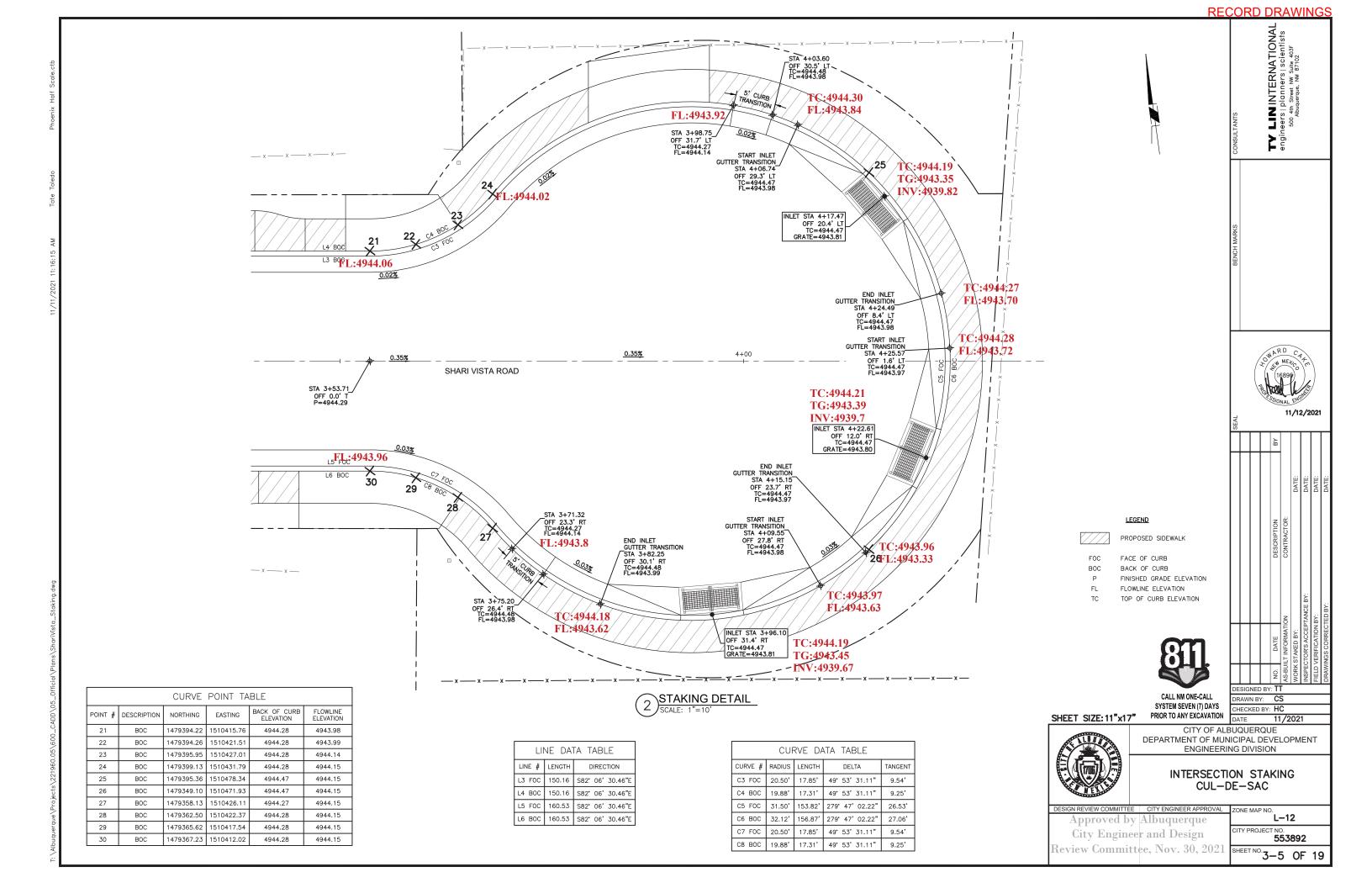


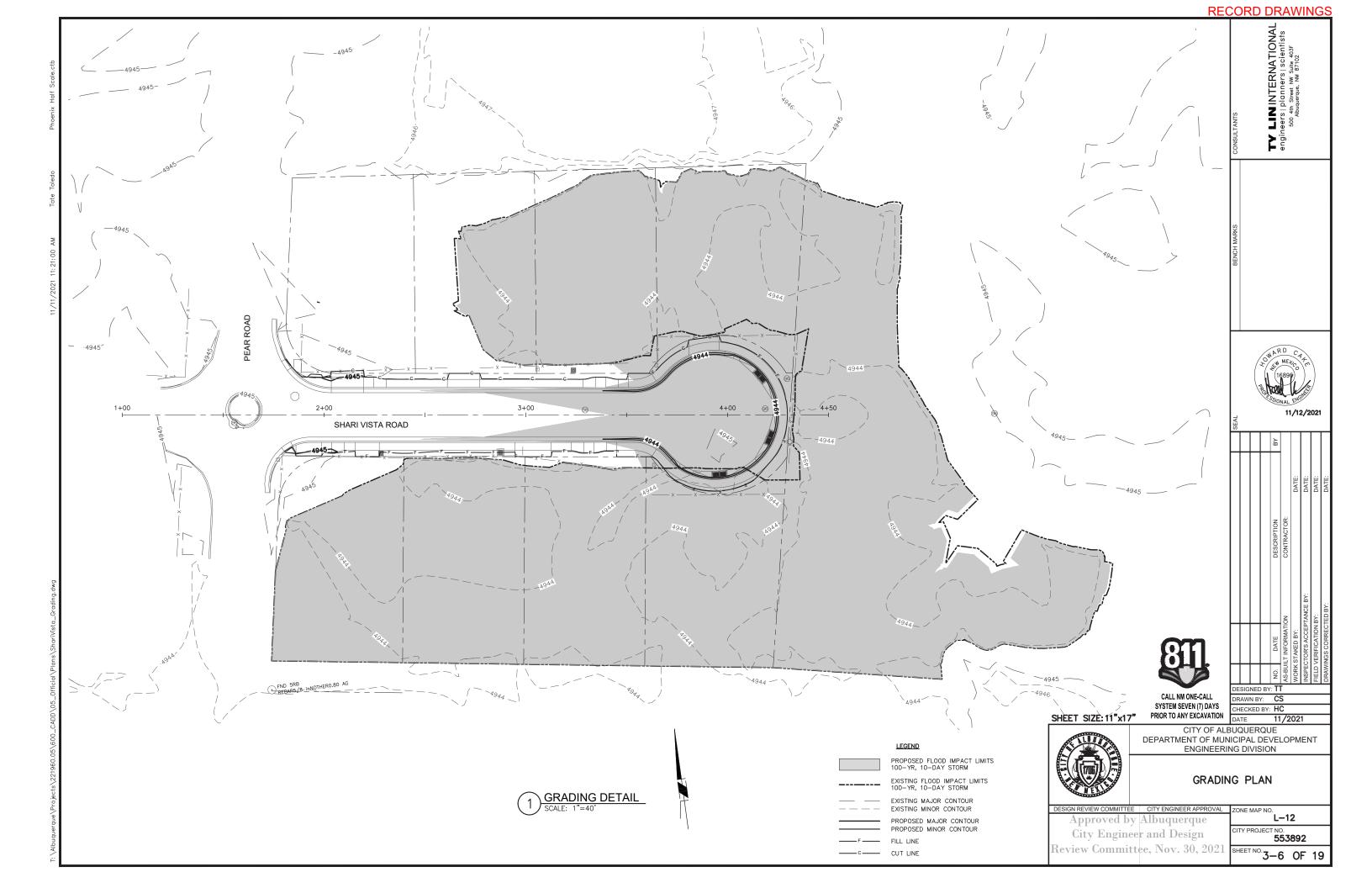




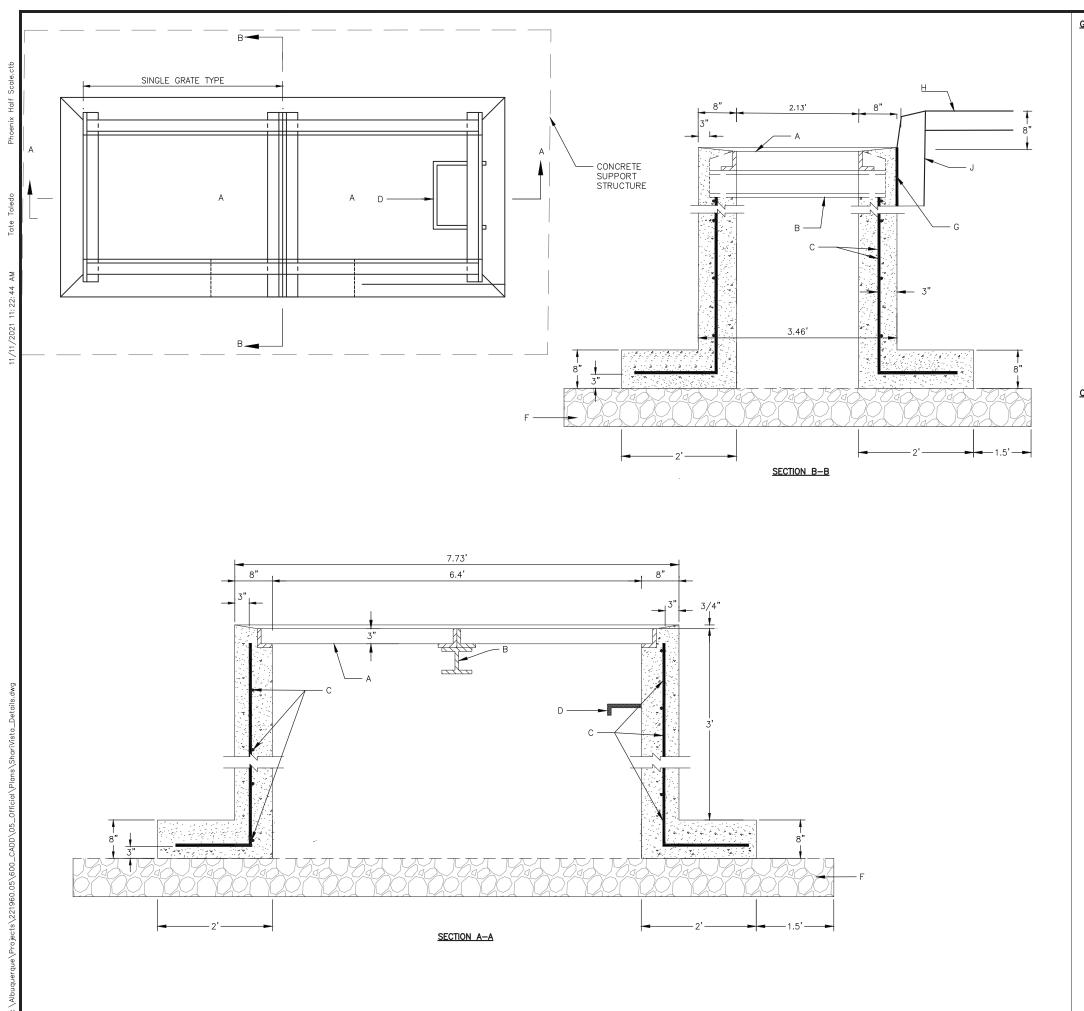








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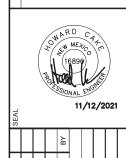


GENERAL NOTES

- 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
- 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.





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ENGINEERING DIVISION



SHEET SIZE: 11"x17"

STORM DRAIN DETAILS

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | ZONE MAP NO. Approved by Albuquerque City Engineer and Design Review Committee, Nov. 30, 2021 SHEET NO. 6-1 OF 19

L-12 CITY PROJECT NO. **553892**

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.

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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.





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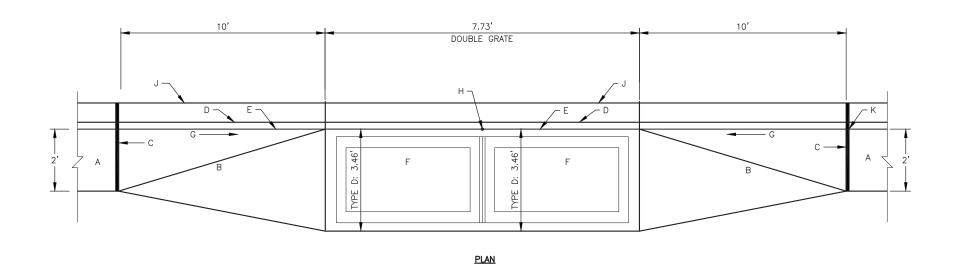
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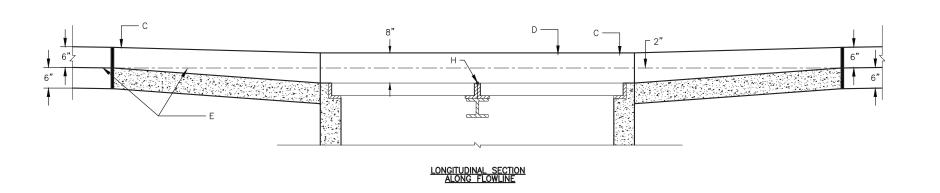
STORM DRAIN DETAILS

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL ZONE MAP NO. Approved by Albuquerque City Engineer and Design Review Committee, Nov. 30, 2021 SHEET NO. 6-2 OF 19

SHEET SIZE: 11"x17"

CITY PROJECT NO. **553892**





- 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 INTENTED TO PREEMPT ANY CITY SPECS NOR ANY MINIMUM WORK ZONE SLOPE STABILIZATION MANDATES.

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DATE 11/2021 CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT **ENGINEERING DIVISION**

STORM DRAIN DETAILS

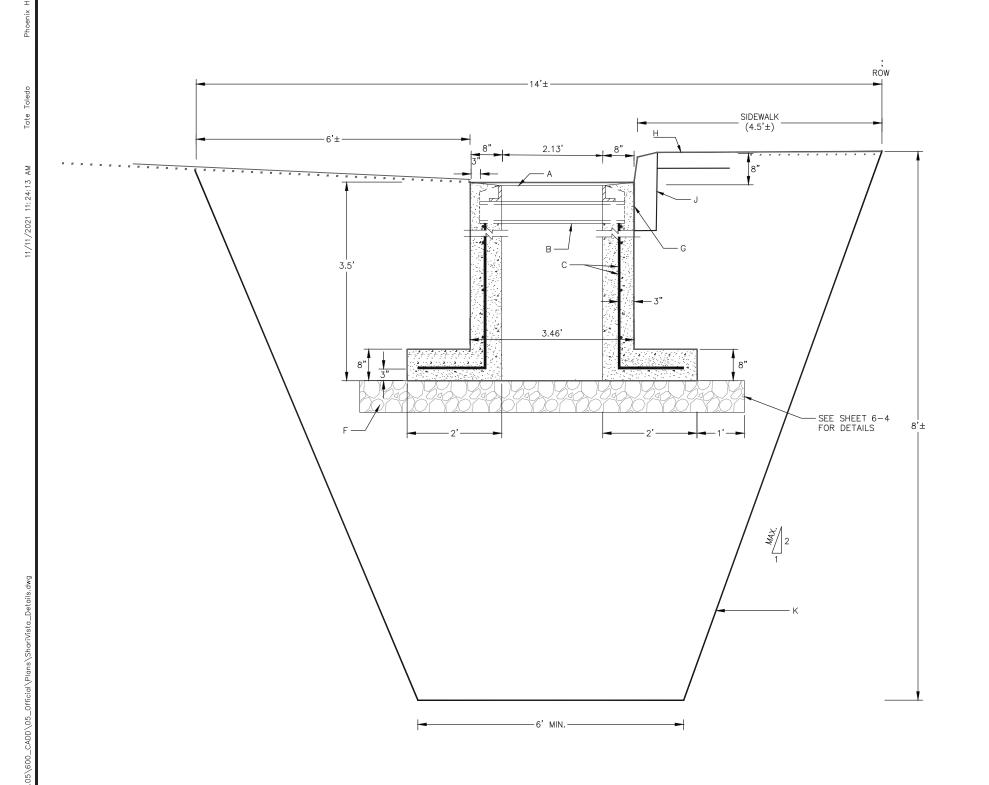
DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | ZONE MAP NO. Approved by Albuquerque City Engineer and Design Review Committee, Nov. 30, 2021 SHEET NO. 6-3 OF 19

SHEET SIZE: 11"x17"

L-12 CITY PROJECT NO. **553892**

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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''	60-75
No. 4	40-60
No.16	20-40
No.40	5-20
No 200	5

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DESIGNED BY: TT

DRAWN BY: CS

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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 SHEET NO. 6-4 OF 19

L-12 CITY PROJECT NO. **553892**

