-				
APPROV	/ED RECORD DRAWINGS			
City Inspector	Matt Garduno			
	Compass Engineering and Construction			
Contractor	Services, LLC			
Construction Engineer	David Bishop			
Date	2/3/2023			

CONSTRUCTION PLANS FOR

ABQ STUDIOS EXPANSION WORK ORDER PACKAGE 1 ALBUQUERQUE, NEW MEXICO

INDEX

DESCRIPTION

SHEET

NUMBER

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I. Kevin J. Murtagh of the firm of Bohannan Huston, Inc., a Regis I. Kejeni, J. Martiagh of the firm of @phannan Husboo, Inc., a Requistred Professional Engineer in the State of New Mexico, to hereby certify, as shown on these drawings (ABIO Studies Engineer). As shown on these drawings (ABIO Studies Enganison WO #1) has been inspected by time or by a qualified person under my direct supervision and has been constructed in accordance with the given appearance of the contraction of the supervision and has been constructed in accordance with the gipping 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 elemenation. ided by the surveyor, Jason D. Smith, NMRPS No. 17122.





WATER AND SEWER AVAILABILITY STATEMENT #210743

Engineer's Seal & Signature

COVER 2A **GENERAL NOTES** 2B **EXISTING CONDITIONS** 3A PLAT 3B PLAT 3C PLAT 3D MESA DEL SOL SURVEY CONTROL 4 OVERALL CIVIL PLAN UNIVERSITY BLVD DEMOLITION PLAN 5 6 UNIVERSITY BLVD PAVING, UTILITY, GRADING, & DRAINAGE PLAN SITE AND UTILITY DEMOLITION PLAN **OVERALL ABCWUA TANK DRAIN PLAN** 9 ABCWUA TANK DRAIN PLAN AND PROFILE 10 ABCWUA TANK DRAIN PLAN AND PROFILE 11 REGIONAL POND GRADING 12 DRAINAGE MANAGEMENT PLAN 6A **METER VAULT PIPING DETAIL**

WATER AUTHORITY APPROVAL OF RECORD DRAWINGS THIS SET OF DRAWINGS IS ACCEPTED FOR RECORD PURPOSES BY: Adethor DATE 2/1/23

Andre Houle, NMPE

I. Jason D. Smith. New Mexico Professional Surveyor No. 17122 do hereby certify that this Property Description was prepared by

for surveys in New Mexico, and is true and accurate to the best of

me or under my supervision, meets the minimum rea

my knowledge and belief.

A- D. S-

Jason D. Smith, N.M.P.S. No. 17122

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CONSTRUCTION NOTES:

THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS. RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF

2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED. WITH A MINIMUM AMOUNT OF DELAY.

3. ALL ELECTRICAL, TELEPHONE, CABLE TV. GAS AND OTHER UTILITY LINES. CARLES AND APPLIETENANCES ENCOUNTERED DURING CONSTRUCTION THAT CABLES AND APPOINDMINES ENCOUNTIED DIWRNS CONSTRUCTION HAT REQUIRE RELOCATION, SAIL BE CORPONATED WITH HAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORGINATION OF ALL HALDINES FOR PELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREMS. HE CONTRACTOR WAS BE REQUIRED TO RESOLUCIAL BIS ACTIVITIES TO ALLOW UTILITY CREMS TO PERFORM THEIR REQUIRED WORK.

4. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND LINSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL RECILIATIONS AND APPROVED BY THE AFFORCE EVINION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

5. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING LITHLITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION

6 CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND FOR OF CONSTRUCTION INTO SMILE ELEMBER OF THE PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE

7. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.

8 THE CONTRACTOR SHALL ORTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE

9. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR

ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.

11. THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN PROVIDED HEREN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUEROUS, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING

12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF LINEORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.

13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES, THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.

14. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM FDGE AND BE SPRAYED

15. WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWOUT, REMOVED, AND REPLACED AS PER THE STANDARD CONCENTRATIONS.

THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS. AND SIDEWALK DURING CONSTRUCTION. APART FROM REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE

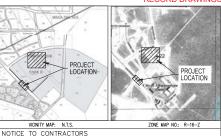
17. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION, FINAL INSPECTION WILL DETERMIN JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION

18. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART F

19. ALL ROADWAY FILLS SHALL BE IN ACCORDANCE WITH COA SPECIFICATION SECTION 204. COMPACTION TEST RESULTS SHALL BE PROVIDED TO THE CITY INSPECTOR PRIOR TO PROJECT CLOSEOUT FOR ALL ROADWAY FILL DEPTHS GREATER THAN TWO FEET.

20. AT ALL PAVENENT REMOVAL AND REPLACEMENTS, SAW-CUT EDGES SHALL BE STRAIGHT AND CLEAR, AND LONGTUDINAL JOINTS SHALL BE REQULAR MAD SOURCE PRICE THE PATES. PATIONES SHALL BE REQULAR AND SOURCE OR RECTAMOLIAR, WITH FOUR STRAIGHT SDES. FIRES-BEP PAVENENT SWIFTED THE FLUSH WITH EDSIEN PAVENENT SHORE CO. WITH YOUR SPALLOFF OF ASSISTANCE SHALL BE FLUSH WITH EDSIEN PAVENENT SHORE AND THE MAD SHALL BE SHALL BE FLUSH WITH EDSIENCE PAVENENT OF ASSISTANCE FOR SHALL BE FLUSH FAIR CASE MUST BE FARMEN FOR THE SHALL BE FLUSH WITH EDSIENCE OF SHREWING PAVENENTS. DAMAGED. THE ENTIRE SURFACE PATCH MUST BE EXPANDED TO COVER





- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
- 2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED LINDER CONTRACT SHALL EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2020 EDITION.
- 3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE DIVING SURVEYOR MEMBRIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MANIMAM AMOUNT OF DELAY.
- FINE (3) MORRING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBJECT, TO THE CONSTRUCTION CONCENDED TO ASSESSMENT OF STREET, THE CONSTRUCTION CONCENDED TO ASSESSMENT OF SECONDATION OF STREET, THE CONSTRUCTION CONSTRUCTION OF STREET TO THE CONSTRUCTION CONSTRUCTION OF STREET, TO SECTION TO THE CENTERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF THE STANDARD STREET, TO SECTION 19 OF THE GENERAL CONSTRUCTION OF TH
- 6. ALL WORK AFFECTING ARTERIAL ROADWAY MAY REQUIRE TWENTY-FOUR HOUR CONSTRUCTION.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING, OR AS INDICATED BY THIS PLAN SET.
- 8. CONTRACTOR SHALL NOTIFY THE ENGNEET NOT LESS THAN SCHEI (7) DAYS PROR TO STARTING WORK IN DOCKET THAT THE CITY SOFTCOM HAVE THE SCHEDULING THE SCHEDULING OF THE CONSISTION OF THE CITY SURFFORM ON SOME THE EMPRISE OF THE CONSISTION OF THE CITY SURFFORM ON SOME THE EMPRISE OF THE CONSISTION OF THE CITY SURFFORM ON SOME THE EMPRISE OF THE CITY SURFFORM OF THE CITY SURFFORM ON SOME THE CITY SURFFORM OF THE CITY SURFFORM
- CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWNOS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNIT. ALL DATA HAS BEEN RECORDED.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY
 GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- 11. COURD-CITE STALL COCOMINE WITH THE WIREP AUTHORITY SEEM (1) DAYS IN JOHNES OF PERFORMED
 WHITE THE PREPARED THE PROPERTY WITE OR SMATLES SEEM WINDOWN DELINE WAS RESULTED.
 WHITE OF WILL COLLECTION, DAVISAGES HE MOST OF SACIONES SEEM WINDOWN DELINE WAS RECEIVED.
 WHITE OF COMMANDER WITH THE WASHES WITE OF MOST THE SACIONES SHOWED THE PROPERMINE SLOW WARK. ONE
 WATER JUTHORITY CREW SEE AUTHORIZED TO OPERATE PUBLIC VALUES, SHUTFOTS REQUESTS MUST EN MADE
 UNIDE AT HITTERS, JOHNES JOHNES GAPO-FOTO-BUSINESS-WITE-SHUT-OFF-DUTIEN-CHINE-SHUT-OFF-DUTIEN-C
- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO
- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- $\hfill \hfill \hfill$ all storm drainage facilities shall be completed prior to final acceptance.

DATE REV. SHEETS CITY ENGINEER DATE USER DEPARTMENT USER DEPARTMENT ENGINEERS STAMP & SIGNATURE APPROVALS ENGINEER DATE ********** DRC Chairman Amountheder 7/15/2022 APPROVED FOR CONSTRUCTION 7/6/2022 Hydrology 10/12/202



GENERAL NOTES

- L WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE INSTRUCTED IN ACCORDANCE WITH ABCWUA STANDARD SPECIFICATIONS, 2020.
- CONTROLTO SHALL ASSUME THE SALL AND COURS ITS RESPONSIBILITY FOR THE SAS SITE COURT TOO SHARE THE CONSIST OF CONTRIBUTION OF THE ROCKET, THAT LIGHT DESIGN SHATE OF ALL REPORTS AND PROPERTY. THIS RECORDING HEAVEN SHALL APPLY CONTRIBUDIST WAS NOT BE LIMITED TO NORMAL MORNING CONTROL OF SHALL DESIGN SHALL DEED IN CONNECTION WITH THE PREPORTION OF OWNER FROM ANY AND ALL LIMITED THE SALL SHALL DEED. IN CONNECTION WITH THE PREPORT OF WORS ON THIS PROJECT EXCEPT LIGHT AND REPORT OF SALL RESIDENCE OF THE CONNECTION SHAPE OF THE CONNECTION SHAPE OF THE PROPERTY OF THE CONNECTION SHAPE OF THE PROPERTY OF THE CONNECTION SHAPE OF THE PROJECT EXCEPT LIGHT AND RESIDENCE THE SALL RESIDENCE OF THE COURSE OF THE SHAPE OF THE PROPERTY OF THE CONNECTION SHAPE OF THE PROPERTY OF THE CONNECTION SHAPE OF THE PROPERTY OF
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY
- CONTRACTOR SHALL NOTE! THE CONSTRUCTION ENGINEER OR PROJECT MANAGEN NOT LESS THAN SEVEN
 (I) DAYS PIGR TO STARTING WORK IN CREDE THAT THE CITY SURFEVOR MAY THAN EXCESSION RESQUEST OR
 SHARE THE PRESENTATION OF SURPEY WOMENETS. CONTRACTOR SHALL NOTIFISTINE PERMANENT
 SURFEY WOMANETS WITHOUT THE CONSENT OF THE CITY SURFEVOR AND SHALL INDIFFY THE CITY SURFEVOR
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 SURFEVOR SHALL REPLYES SURFEY MODIMENTS. WHEN A CHANGE IS MORE IN THE PRISHIED LEXYLDING OF
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- ENSTINIO UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND LINES MAY EXIST WHERE NONE ARE SHOWN. TWO, 3) NORNING DAYS PRIOR TO ANY EXCAVATION, CONTRICTOR SHALL CONTRICTOR SHOWN AND ANY EXPERT OF THE PROGRAMMENT OF SHOWN AND ANY EXPERT OF THE PROGRAMMENT OF CONTRICTOR SHOWN AND ANY EXPERT OF LOCATION AND VERIFICAL LOCATIONS OF ALL PERTHENT EXETTING UTILITIES ANDOES RESTRICTIONS. SHOULD CONTRICTOR SHALL PROGRAMMENT OF THE BROKENS OF THE CONTRICTOR SHALL PRICE OF THE PROGRAMMENT OF THE CONTRICTOR SHALL PRICE OF THE ANY EXPENSION AND ANY EXPENSION AN
- CONTRACTOR SHALL ASSIST THE ENGINEERINSPECTOR IN THE RECORDING OF DATA ON ALL UTLITY LINES AND ACCESSORES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF 'AS BULL' DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- CONTRACTOR SHALL ASSUME FINANCIAL RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, SIGMAGE, CURB AND GUTTER, HANDIGAP RAMPS, AND SIDEMWAK DURING CONSTRUCTION PART FROM THOSE SECTIONS HOLGATED ON THE PLANS, AND SHALL REPARS OR REPLACE, PER THE STANDARD SPECIFICATIONS, ANY SUCH DAMAGE.
- CONTRACTOR SHALL MAINTAIN A GRAFFITHFREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITHFROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNING UNTIL THE
 PROJECT HAS BEEN ACCEPTED BY THE CITY AND OTHER JURISDICTIONAL AUTHORITIES WHERE APPLICABLE
- CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS SHOWN, ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESSIS THE RESPONSIBILITY OF THE CONTRACTOR, INCLUDIES ANY SUCH COSTS NUCLIFIED.
- 12. REMOVALS SHALL BE DISPOSED OF OFF-SITE AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

- ALL WORK REGARDING PUBLIC WATER AND PUBLIC SANITARY SEWER INFRASTRUCTURE DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERMISE STATED OR PROVIDED HERON, BE CONSTRUCTED IN ACCORDANCE WITH WATER AUTHORITY STANDARD SPECIFICATIONS, PLANS SHALL FOLLOW THE MOST CURRENT UPDATE WHICH CAN BE FOUND ON INF AT http://www.abcwua.org/For_Builders.aspx
- 2. ALL LITTLETTES AND LITTLETY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAYING. EXISTING VALVES AND ES SHALL NOT BE BURIED OR PAVED OVER BUT RIMS SHALL BE ADJUSTED TO MATCH NEW GRADE PER COA STANDARD DRAWINGS 2460 AND 2461.
- NON-RESIDENTIAL USERS SHALL COORDINATE WITH THE WATER AUTHORITY PRETREATMENT ENGINEER TO ENSURE THE PROPER IMPROVEMENTS ARE IN PLACE FOR THE DEVELOPMENT FOR DISCHARGE INTO THE PUBLIC SANITARY SEWER COLLECTION SYSTEM.
- 4. NON-RESIDENTIAL USERS SHALL COORDINATE WITH THE WATER AUTHORITY CROSS CONNECTION SECTION TO ENSURE THE PROPER IMPROVEMENTS ARE IN PLACE FOR THE TO ENSURE PROPER BACKELOW CONTAINMENT IS IN PLACE FOR THE WATER SYSTEM.
- 5. MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND ELANGE ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVENENT OR SURFACE GRADES
- 6. THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK, ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT HTTP://ABCWUA.ORG/WATER_SHUT_OFF_AND_TURN_ON_PROCEDURES.ASPX
- PROPOSED WATERLINE MATERIALS SHALL BE PVC PIPE MEETING AWWA C-900: DR18 REQUIREMENTS (6' 12') OR DUCTLE IRON PIPE MEETING AWWA C-150 REQUIREMENTS (6" - 48")
- ALL WATERLINE FITTINGS. VALVES, BENDS, TEES, CROSSES AND APPURTENANCES SHALL HAVE RESTRAINED. JOINTS UNLESS OTHERWISE NOTED ON THE PLANS. THE JOINT RESTRAINT REQUIREMENTS SHOULD BE DELINEATED WITHIN A JOINT RESTRAINT TABLE.
- 9. ALL SANITARY SEWER LINE STATIONING REFERS TO SANITARY SEWER CENTERLINE STATIONING. EXCEPT WHEN PROFILED WITHIN A PROPOSED OR EXISTING STREET, WHERE STREET STATIONING SHALL GOVERN
- 10. ALL PROPOSED SANITARY SEWER SLOPES SHALL BE VERIFIED DURING CONSTRUCTION TO MEET THE APPROVED DESIGN. AS BUILT SLOPES SHALL BE RECORDED FOR EACH LINE SEGMENT
- 11. ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY STANDARD SPECIFICATIONS SECTION 701:14.2 AND STANDARD DRAWING NUMBER
- 12. ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO THE CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #9. THE

CONTRACTOR SHALL INSTALL A 4" X 4" X 5" POST AND EMS AT THE END OF EACH SANITARY SEWER SERVICE.

- TRACER WIRE SHALL BE INCLUDED FOR ALL PUBLIC WATER AND SEWER MAINS AND FOR WATER SERVICES IN ACCORDANCE WITH WATER AUTHORITY DETAILS.
- CONTRACTOR SHALL PROVIDE THE PROPOSED HYDRO TESTING PLANS TO THE WUA INSPECTORS FOR APPROVAL PRIOR TO BEGINNING TESTING OPERATIONS.
- 15. AT UTILITY CROSSINGS, WHERE LESS THAN 18" OF VERTICAL SEPARATION FROM STORM DRAIN PIPING OR AT DIGIT DOGGSTING, THERE LESS HILL ONSTRUCTION PER SECTION 20' OF THE STANDARD SPECIFICATIONS).

 SHALL BE USED TO PROTECT THE WATER OR SEWER LIPE CARA FILL SHALL EXTEND A PERPENDICULAR

 DISTANCE OF SPECIFIC OR SACH SIGN OF THE STORMER UPPE OR STRUCTURE.
- 16. ALL DESIGNS AND CONSTRUCTION OF ANY UNDERGROUND UTILITIES SHALL COMPLY WITH ADMINISTRATIVE INSTRUCTION NO. 9 FOR WORK NEARBY OR AFFECTING SAN JUAN CHAMA TRANSMISSION LINES AND APPURTENANCES. INFORMATION SHALL BE PROVIDED TO THE WATER AUTHORITY ONE (1) MONTH IN ADVANCE OF THE CONSTRUCTION START DATE. INFORMATION CAN BE FOUND AT HTTP://WWW.ABCWUA.ORG/WATER SHUT OFF AND TURN ON PROCEDURES.ASPX
- 17. ALL WATER AND SANITARY SEWER INFRASTRUCTURE SHALL BE CONSTRUCTED UTILIZING MATERIALS LISTED IN THE APPROVED PRODUCTS LIST AND BE CONSTRUCTED PER THE MOST CURRENT WATER AUTHORITY STANDARD DETAILS AND SPECIFICATIONS, MATERIAL SUBMITTALS SHALL BE PROVIDED PRIOR TO CONSTRUCTION FOR THE WATER AUTHORITY ENGINEER TO REVIEW PRIOR TO THE START OF CONSTRUCTION. INFORMATION CAN BE FOUND AT http://www.abcwua.org/for.builders.aspx
- 18. All COMMERCIAL INDUSTRIAL SITES PROPOSING DISCHARGE INTO THE PUBLIC SANITARY SEWER COLLECTION SYSTEM MUST COORDINATE WITH THE WATER AUTHORITY PRETREATMENT ENGINEER, PRIOR TO APPROVAL OF SERVICE, THIS MUST TAKE PLACE, <u>PRETREATMENT@ABGWUA.ORG</u>
- 19. ALL SITES PROPOSING TO ACQUIRE WATER SERVICE FROM THE PUBLIC WATER DISTRIBUTION SYSTEM SHALL COORDINATE WITH THE WATER AUTHORITY CROSS-CONNECTION PREVENTION AND CONTROL SECTION AT 505-289-3465 OR 505-289-3454 AND EMAIL @ BACKFLOW@ABCWUA.ORG.
- 20. THE CONTRACTOR SHALL RECORD THE MATERIAL SLITHIZED FOR WATER SERVICE CONNECTIONS INCLUDING THE PUBLIC SERVICE LINE AND THE PRIVATE SERVICE LINE. THE MATERIALS USED FOR CONSTRUCTION: BE NOTED ON THE PLANS

TRANSPORTATION

- ANY STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH THERMO-PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN
- 2. REMOVAL OF EXISTING CURB & GUTTER AND SIDEWALKS SHALL BE TO THE NEAREST JOINT.
- 3. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC
- CURB AND GUTTER, SIDEWALKS, AND DRIVE PADS SHALL MATCH THE LINE AND GRADE OF ABUTTING EXISTING AREAS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER
- THE SUBGRADE PREP SHALL EXTEND ONE FOOT BEYOND THE FREE EDGE OF NEW CURB AND GUTTER AND
- CONTRACTOR TO TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION. IN THE EVENT THE R-VALUE IS LESS THAN 50, REMOVE 2 FEET OF SUBGRADE MATERIAL AND IMPORT MATERIAL WITH R-VALUE GREATER THAN 50 OR CONTACT THE ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED.
- AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAVI-CUT EDGES SHALL BE STRAIGHT AND CLEAN, AND AT ALL YELD WHILE WITH STATE WAS AND PROPERLY CHARLEST WITH THE CONTROL OF THE STRING HE ROLL AND AT ALL YELD WITH STATE WAS AND AT ALL YELD WITH STATE WAS AND AT ALL YELD WAS AND AT ALL
- CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH, UNIFORM EDGE WHEN REMOVING AND REPLACING CURB AND GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNFORM, CONTRACTOR WILL SAW CUT AND REACHED IS STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED, REFER TO C.O.A. STANDARD DRAWING & 2458 WITH THE APPROPRIATE PAYING SECTION BASED ON ROADWAY CLASSIFICATION.

- 1. ALL STORM DRAINS SHALL BE RCP CLASS II UNLESS OTHERWISE NOTED ON THE PLANS.
- RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATION. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIER SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL FRIDK TO FACEMENT OF PIER. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AND WITH CITY APPROVA

- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 200FR 1926/90 SUBPART P.
- WHEN DISTURBING MORE THAN % ACRES, CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.
- IN ADVANCE OF CONSTRUCTION, CONTRACTOR SHALL DETERMINE IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS, IF ANY OBSTRUCTION TO CONSTRUCTION OPERATIONS IS EVIDENT, CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION, ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF CONTRACTOR.
- PMM WILL PROVIDE AT NO COST TO THE CITY OR THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PMM WHILE THE CONTRACTOR IS EXPOSIND PMMS CALLES. HOWEVER, THE CONTRACTOR SHALLE CHARGES THE TOTAL COST SASOLATED WITH REPURS TO ANY DAMAGED CARLES OF FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
- CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING, UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION, PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLIN AND/OR SEWER LINE COSTS.

- CONTRACTOR IS TO SUPPORT, PROTECT, AND MAINTAIN THE INTEGRITY OF ALL LINDERGROUND TELEPHONE, ELECTRIC CHALES AND CASE, TELEVISION UTILITIES AT IN ADMITTIONAL COST TO THE OWNER. CASE, IS TO BE SUPPORTED AT A MOUNTAIN SPACING OF THE INSTER. (SPEET, CONTRACTOR SHALL COCORDINAL TOWN AND AND AND A NECESSARY PAYMENT (IF AND) TO UTILITY OWNER FOR DE-ENERGEATION OF CHALES OR SUPPORT OF CHALES ST THE UTILITY OWNER.
- CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY EASEMENTS TO PREVENT ANY EXCAVATED MATERIAL BEING WASHED DOWN THE STREET OR INTO ANY PUBLIC DRAINAGE FACILITY.
- 8. CONTRACTOR SHALL CONDUCT ALL WORK IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL
- ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
- 10. DISDOSAL SITE EOD ALL EYCESS EYCAVATION MATERIAL AND INSUITABLE MATERIAL SHALL BE ARRANGED BY THE CONTRACTOR IN COMPLIANCE WITH ALL APPLICABLE ENVIRONMENTAL REGULATIONS. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR COSTS ASSOCIATED WITH OBTAINING A DISPOSAL SITE AND
- 11 IF CUI TURAL RESOURCES, SUCH AS HISTORIC OR PREHISTORIC ARTIFACTS, OR HUMAN REMAINS ARE DISCOVERED DURING EXCAVATION OR CONSTRUCTION, WORK SHALL CEASE AND THE CONSTRUCTION ENGINEER SHALL NOTIFY THE COUNTY OFFICE OF THE MEDICAL EXAMPLER AT (305) 273-3051. IF THE MEDICAL EXAMPLER DETAILS THE THROUGH SHALL CEASE AND THE SENT. THE CONSTRUCTION ENGINEER SHALL NOTIFY THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AT 827-6320.
- 12. TWO WEEKS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHOULD NOTIFY THE TRANSIT DEPARTMENT OF ANY IMPACT THE PROPOSED PROJECT WILL HAVE ON THE TRANSIT SYSTEM SUCH AS CAUSING A DETOUR, OR CAUSE THE CLOSING OR RELOCATION OF A BUS STOP. HE CONTACT PERSON IS DOUGLAS GOFF, OFFICE PHORE 567-24-313, CELL PHORE 565-269-313, CHOICE PHORE 567-267-26809, 2007.
- STREET NAME SIGNS, REGULATORY SIGNAGE, AND ANY NECESSARY STRIPING ON PRIVATE STREETS ARE THE DEVELOPERS RESPONSIBILITY.





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

DRAWN BY: NP CHECKED BY: OB/MB 07/05/2022



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION

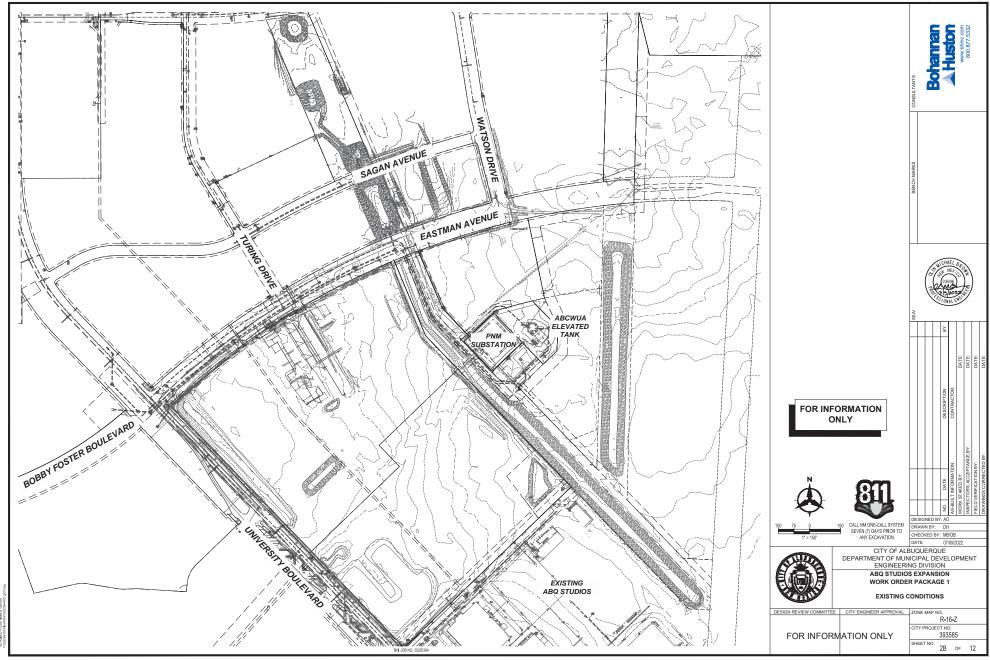
ABQ STUDIOS EXPANSION WORK ORDER PACKAGE 1 GENERAL NOTES

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL

Oct. 12, 2022 CITY ENGINEER

R-16-Z CITY PROJECT NO 393585

2A OF 12





SUBDIVISION DATA

- Zone Atlas Index No.: R16

- Zone Asia Index No.: R15 Gross Subdivision Acreage: 182.78 Acres Total Number of Tracts Created: 3 Tracts Total Acres of Vesetad Publish Street Right-of-Wey: 10.0024 Acres Date of Survey: July August, 2021
- Plat is located within Section 22 and 23, T 9 N, R 3 E; N.M.P.M. No public streets were created

PURPOSE OF PLAT

Doc No. 2007131551 filed September 13, 2007, in plat Book 2007C, page 259, Tract A-1-A-6 as the same are shown and designated Bulk Land Plat Tract A-1-A-6 and Tract A-1-A-1-A (A Replat of Tract A-1-A-1 per Plat Tract A-6-C-1, A-1-A-1, A-1-A-2, A-1-A-3, A-1-A-4 and A-1-A-5 Mesa Del Sol Innovation Park) as Doc No. 2020108296 filed October 29, 2020 in plat Book 2020C, page 105.

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:

- A Public Service Company of New Mexico ("PNM"), a New Mexico corporation, (PNM Electric) for installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide
- New Mexico Gas Company for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- C Qwest Corporation dibia CenturyLink QC for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide communication services.
- D. Cable TV for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable services.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, replace, modify, renew, operate and maintain facilities for purposes described above, together with free access to, from and over said easements, with the right and

Essements for electric transformer/switchgears, as installed, shall extend ten (10) feet in front of transformer/switchgear doors and five (5) feet on each side.

In approving this plat, Public Service Conpany of New Mexico (PNM), New Mexico Gas Company (NMGC) and Owest Corporation DRA CennuyLink (QWEST) did not conduct a Title Search of the properties shown hereon, Consequently PNM, NMGC and OWEST do not wiew or ridease any easement or easement rights which may have been granted by prior plat, replat or other document and which are not shown on this plat.

LEGAL DESCRIPTION

page 105.

FREE CONSENT AND DEDICATION

The registal shawn hereon is made with the consent and in accordance of the desires of the undersigned owner(s), the execution of his plat is their here act and deed. Those signing as owner(s) warrant that theyhold among them, complete inchessable title in the simple to the land shown on this plat lies within the platfaing and subdivision jurisdiction of the City of Albuquerque, New Mexico. Said comer(s) hereby great and scate all Essements as may be shown on this plat and declarion of Right Of Way to the City of Albuquerque, New Mexico. Said comer(s) hereby great and scate all Essements as may be shown on this plat and declarion of Right Of Way to the City of Albuquerque, New Mexico. Said comer(s) hereby great and scate all Essements as may be shown on this plat and declarion of Right Of Way to the City of Albuquerque, New Mexico. Said comer(s) hereby great and scate all Essements as may be shown on this plat and declarion of Right Of Way to the City of Albuquerque, New Mexico. Said comer(s) hereby great and scate all Essements as may be shown on this plat and declarion of Right Of Way to the City of Albuquerque, New Mexico. Said comer(s) hereby great and scate all Essements as may be shown on this plat and declarion of Right Of Way to the City of Albuquerque, New Mexico. Said comer(s) hereby great and scate all Essements as may be shown on this plat and declarion of Right Of Way to the City of Albuquerque, New Mexico. Said comer(s) hereby great and scate all Essements are may be shown on this plat and declarion of Right Of Way to the City of Albuquerque, New Mexico. Said comer(s) hereby great and scate all Essements are may be shown on this plat and declarion of Right Of Way to the City of Albuquerque, New Mexico. Said comer(s) hereby great and scate all Essements are may be shown on this plat and declarion of the City of Albuquerque, New Mexico.

Commenter Riveride

My Commission Expires: 07 50 2024

by NETFLIX STUDIOS, LLC.



- Tract is subject to Flood Zone X as designated on FIRM Map 35001C0559H, revised August 16, 2012. Date of Survey, July-August, 2021.

 Bass of Bearings is the inverse bedresen Cry of Alloquergout Control Stations 11, ETE maring NM NLO 83 State Place Bass of Bearings is the Inverse bedresen Cry of Alloquergout Control Stations 11, ETE maring NM NLO 83 State Place Circl Coordinates Certral Zone. Nnl. 437, 045 98 and E1 5, 533, 498, 782. Bearings N121507F.

 Bass of Bearings and distances us SurVey FOOT.

 Record Bearings and distances are the same shown on plate referenced hereon.

 Pursuant to Section 114-44-7 for the Say and as shown on plate referenced hereon.

 Pursuant to Section 114-44-7 for the Say and sushown on plate referenced the same of this Plat whall all any time to salked to a deed restriction coverant, or binding agreement profitting solder collection from Sergies.

- be a condition to approval of this plat"
- All corners created with this plat will be monumented with a #5 rebar and plastic survey cap stamped "PHILLIPS PS 15517" or nail and washer stamped "PHILLIPS PS 15517".

JURISDICTIONAL AFFIDAVIT

I Barry S. Philips, a registered Professional New Merico Surveyor, hereby affirm that the property described the within the platting and subdivision jurisdiction of the City of Albuquerque.

signal Surveyor 15517

SURVEYOR'S CERTIFICATION:

I. Barry S. Philips a Registered Professional New Mexico Surveyor No 15517, certify that I am (, parry s.) Frings a negoticed Professional new Miscol Gurvey for 100017, destry that Large responsible for this survey and that this plat was presented by me or under my supervision, shows all existing seaments as shown on the plats of record, or made known to me by the owner, utility comparise, or other interested parks and conformato the Minimum Requirements of the Bload of Registration for Professional Engineers and Professional Surveyors and is true and accurate to the best of my knowledge and bellet.



January 14th 2022 Date: SURVEY STAMP DATE



TRACTS 1 thru 3 MESA DEL SOL INNOVATION PARK II BEING A REPLAT OF TRACTS N, O, Q-2, Q-3, 17, 26, OS-7 and TRACT A-1-A-6

BULK LAND PLAT FOR MESA DEL SOL INNOVATION PARK II (A REPLAT OF TRS 1, 12, 15, 4-A-2, 4-A-3 & 4-A-4, MESA DEL SOL AND TRACTS 2-A, 2-B, 3, 4, 7, 8, 9, 10, 16, 18, 19, 20, 21, OS-1, OS-2, OS-3 AND OS-6, MESA DEL SOL INNOVATION PARK) BULK LAND PLAT FOR MESA DEL SOL INNOVATION PARK (A REPLAT OF TRACT 4-4-1 & 4-8, MESA DELSOL) BULK LAND PLAT TRACT A-1-A-6 AND TRACT A-1-A-1 (A REPLAT OF TRACT A-1-A-1 PER PLAT TRACT A-6-C-1, A-1-A-1, A-1-A-2, A-1-A-3, A-1-A-4 AND A-1-A-5 MESA DEL SOL INNOVATION PARK)

SECTION 22 and 23 TOWNSHIP 9 NORTH, RANGE 3 EAST N.M.P.M. CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO AUGUST 2021

PROJECT NUMBER: 2021-0055 73

PLAT APPROVAL

05/05/2022 Date

New Mexico Gas Company Abdul A Bhuigan 4/25/2022 Century Link Date 04/25/2022 Mike Mortus Comcast Date

City Approvals: Loren N. Risenhoover P.S. 1/27/2022 City Surveyor Traffic Engineering, Transportation Division Date

ABCWUA Date

Parks and Recreation Department Date 4/25/2022

City Engineer/Hydrology Date

Code Enforcement Date

DRB Chairperson, Planning Department

LANDFILL DISCLOSURE STATEMENT

The subject property is located near or is is former landfill site. Due to the subject property being on or near a former landfill, certain precautionary measures may need to be taken toersure the health and safety of the public. Recommendations made by a professional engineer with specifies in landfills and anothing as assues (as required by the nost current version of the "firstern Guidelines for Development within 1000 feet of Landfills) shall be consulted prior to development of their



SHEET 1 OF 3

FOR INFORMATION ONLY



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

CHECKED BY: MB/OB DATE 07/05/2022 CITY OF ALBUQUEROUE DEPARTMENT OF MUNICIPAL DEVELOPMENT

ENGINEERING DIVISION ABQ STUDIOS EXPANSION WORK ORDER PACKAGE 1

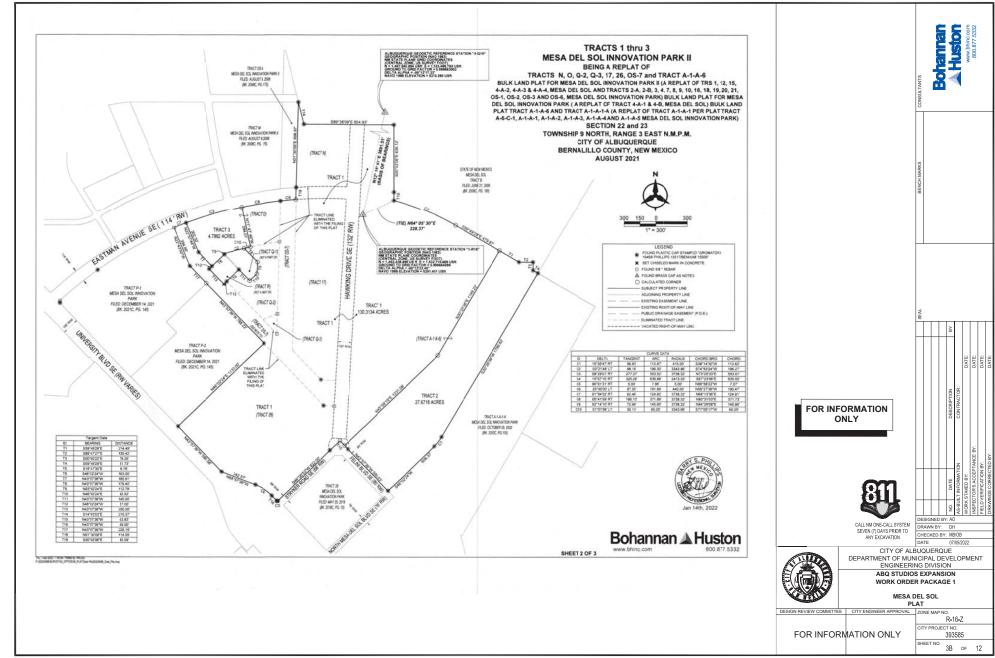
> MESA DEL SOL PLAT

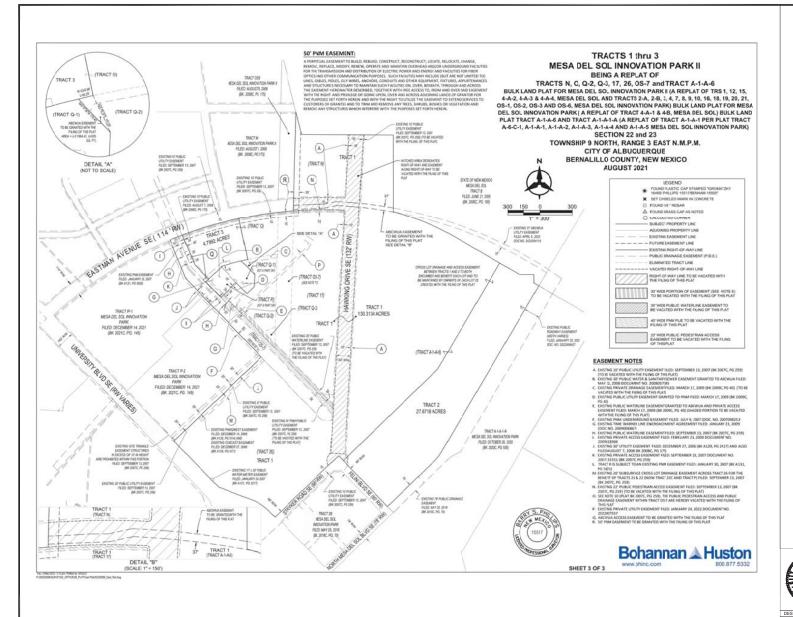
DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL ZONE MAP NO. R-16-7

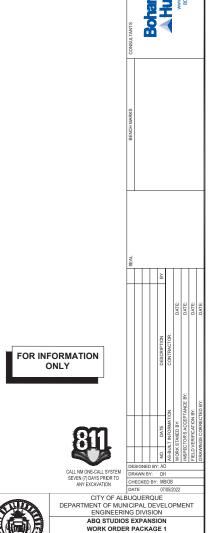
FOR INFORMATION ONLY

393585 SHEET NO. 3A OF 12

TA TRANSPORT TOTAL PRINCING MICES PROCESSING SALE PARTING







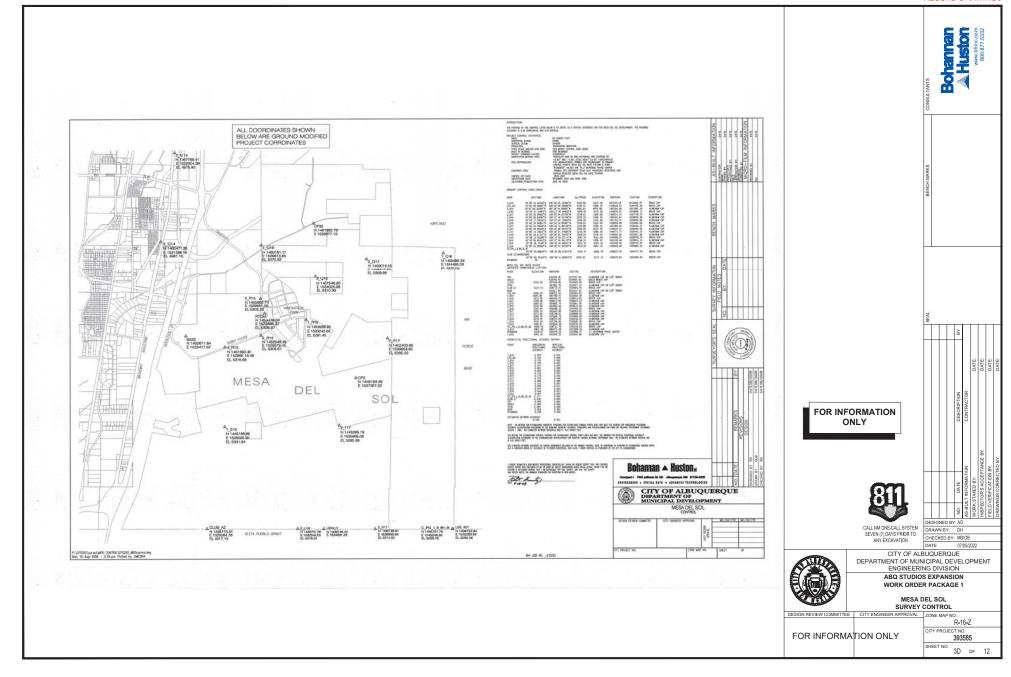
MESA DEL SOL PLAT

HEET NO.

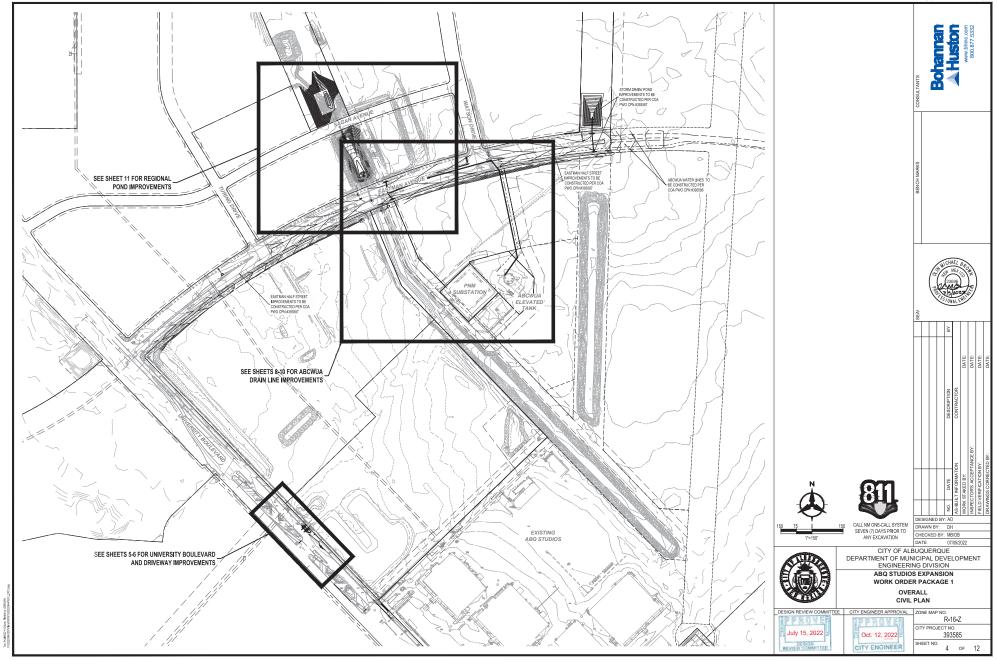
FOR INFORMATION ONLY

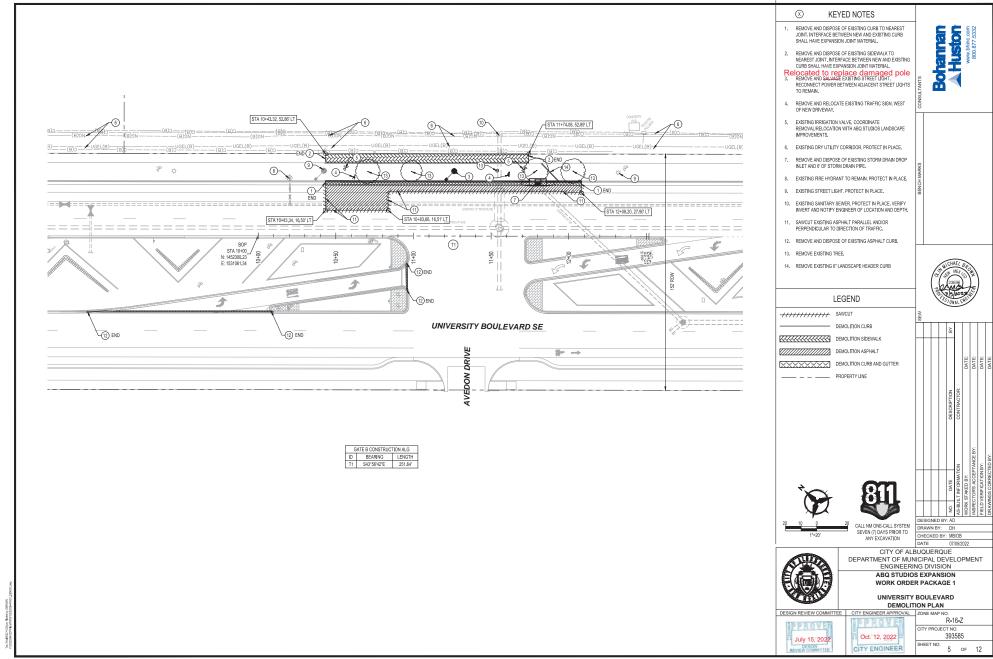
R-16-Z CT NO. 393585

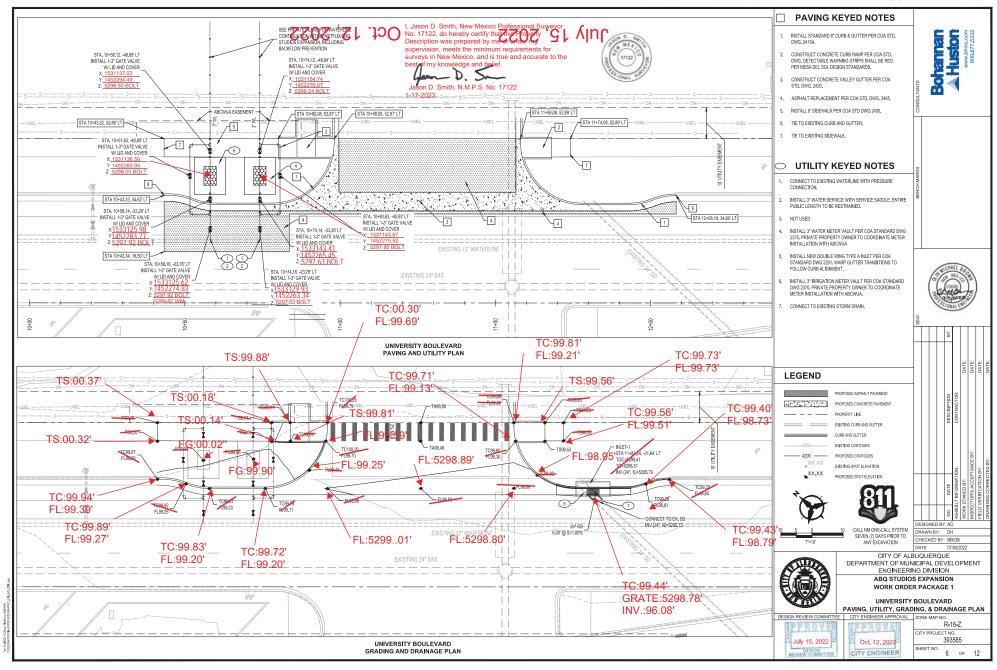
3C OF 12



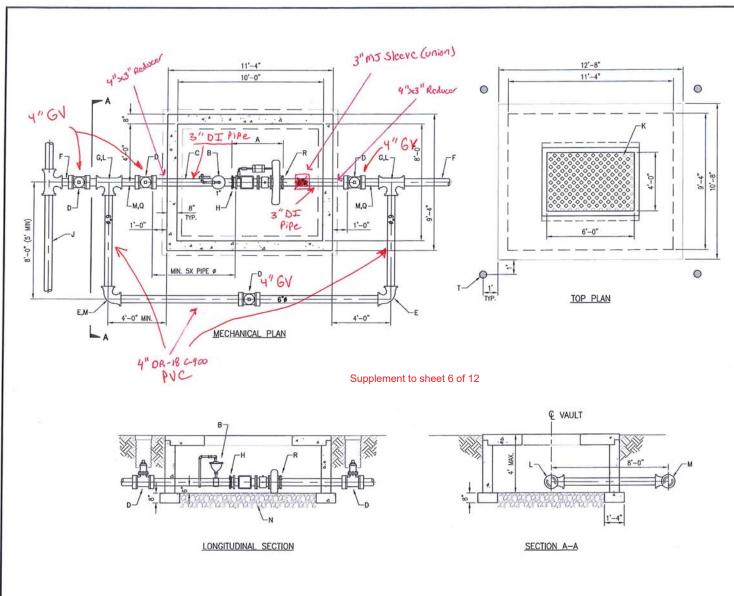








Record Drawing



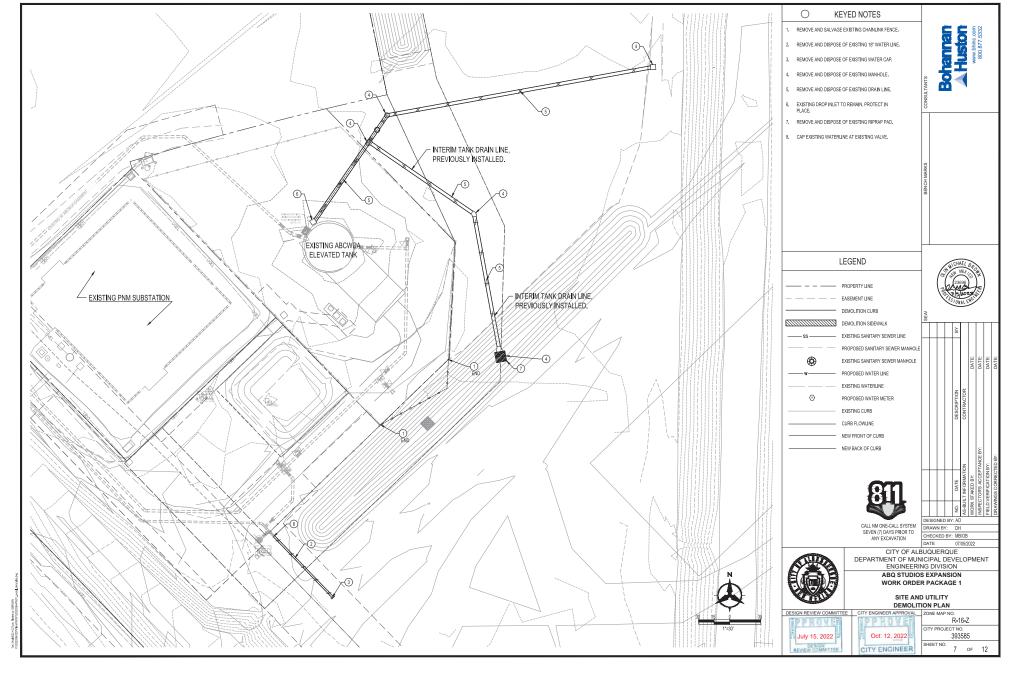
GENERAL NOTES

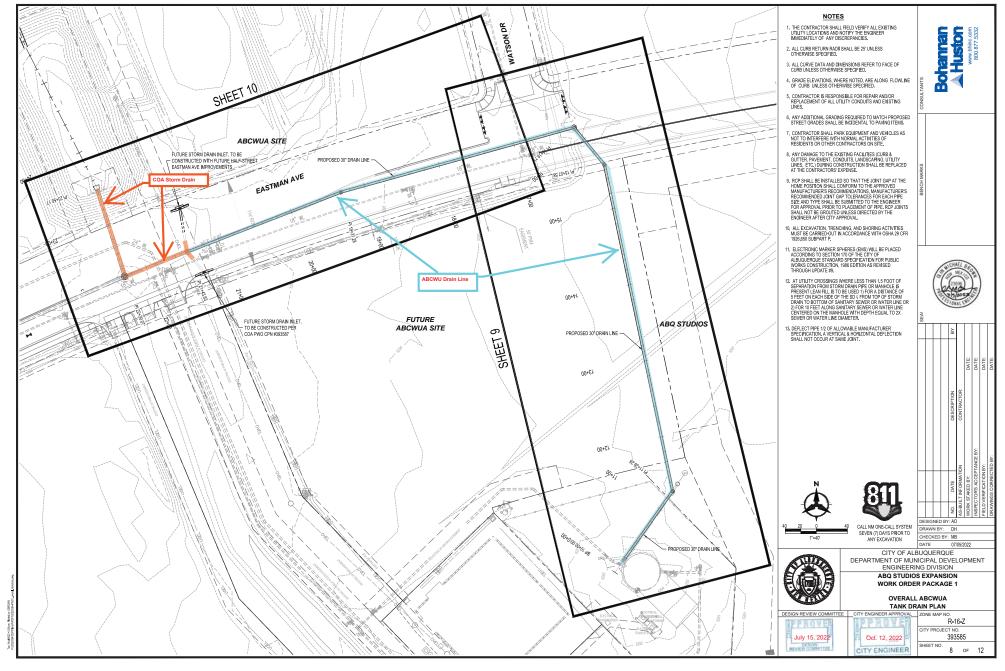
- 1. THIS IS A TYPICAL STANDARD DETAIL TO BE USED AS REFERENCE.
 THE ENDINEER IS RESPONSIBLE FOR DESIGNING AND PUBLISHING
 DIMENSIONED AND SCALED DETAILS SPECIFIC TO A PROJECT, USING
 THE NECESSARY CALCULATIONS AND EVELOPING SPECIFICATIONS TO
 SUPPORT THE DESIGN AND THE ENGINEER-STAMPED CONTRACT
 DOCUMENTS.
- 2. VAULT NOT TO BE PLACED IN TRAFFIC AREAS.
- THE MAXIMUM DEPTH IS 4 FT FROM FINISH FLOOR TO ROOF HATCH.
 IF NEW VAULT IS CONSTRUCTED AROUND EXISTING PIPING THAT IS
 AT GREATER DEPTH, EXCAVATE AND BRING PIPING UP THE CORRECT
 GRADE USING VERTICAL BENDS.
- 4. PRECAST CONCRETE VAULT MAY BE USED IN LIEU OF CMU, CONSTRUCTION WITH WATER AUTHORITY APPROVAL. SUBMIT DETAILS FOR REVIEW.
- COMPRESSIVE STRENGTH OF ALL CONCRETE SHALL BE 3000 PSI PER EXTERIOR CONCRETE SPEC SEC. 101.
- COMPACT SUBGRADE UNDER AND 12" EITHER SIDE OF FOOTING TO 95% MAXIMUM DENSITY, PER ASTM D-1557 TO 6" MIN. DEPTH.
- NO BYPASS IS TO BE INSTALLED FOR IRRIGATION WATER USES. (PARKS, MEDIANS, LANDSCAPING, ETC.)
- DO NOT CONSTRUCT DRAIN POCKETS WHEN CONSTRUCTING IN SHALLOW GROUNDWATER CONDITIONS. ENGINEER SHALL PROVIDE A WATERPROOF MANHOLE OR VAULT DESIGN FOR APPROVAL BY THE WATER AUTHORITY PRIOR TO INSTALLATION.
- FILL PIPE PENETRATION VOIDS WITH NON-SHRINK GROUT OR WATER AUTHORITY APPROVED EQUAL.

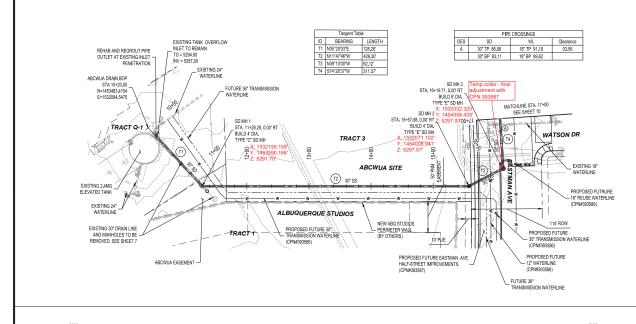
CONSTRUCTION NOTES

- A. METER LAY LENGTH, VARIES WITH METER SIZE AND MAY INCLUDE BY-PASS, CHECK VALVE AND STRAINER METER ASSEMBLY TO BE PROVIDED AND INSTALLED BY THE WATER AUTHORITY.
- B. 1" SADDLE TAP, 1" GATE VALVE AND 1" AIR RELEASE VALVE. AIR RELEASE VALVE SHALL BE APCO MODEL NO. 200A OR APPROVED FOLIA:
- C. D.I. SPOOL (FLXPE) LENGTH AS REQUIRED. MINIMUM LENGTH SHALL BE 5 TIMES THE PIPE DIAMETER.
- D. GATE VALVE (MJ) WITH MEGALUGS AND VALVE BOX PER STANDARD DRAWING 2326.
- E. 90' ELBOW (MJ) WITH MEGALUGS
- F. MAIN SERVICE LINE MUST BE DUCTILE IRON PIPE FROM MAIN DISTRIBUTION LINE THROUGH METER VAULT PIPING ASSEMBLY.
- G. MJ TEE WITH MEGALUGS
- H. MEGA-FLANGE FLANGE ADAPTER, SERIES 2100 AS MANUFACTURED BY EBAA IRON SALES, OR APPROVED EQUAL.
- J. MAIN DISTRIBUTION LINE
- K. 4'-0" x 6'-0" ALUMINUM FLOOR DOOR, WITH SPRING OPEN ASSIST HINGE, BILCO TYPE JD OR APPROVED EQUAL.
- L. ROLL TEE UP AS REQUIRED
- M. ROLL 90' ELBOW DOWN AS REQUIRED
- N. 3/4" GRAVEL FILL PER ASTM C33, NO. 57 GRAVEL, 12" DEPTH
- Q. D.I. PIPE (FLXPE) LENGTH AS REQUIRED
- R. FLANGE COUPLING ADAPTER (FCA)
- T. 6* CONCRETE FILLED GUARD POST, TYPICAL OF 4 WHEN REQUIRED BY OWNER. SEE STANDARD DWG 2322

REVISIONS	WATER AUTHORITY					
APR. 2015	WATER LARGE DIAMETER M 3" TO 6" SE	ETER VAULT RVICE AUG. 2019				









5320 - 5320 5315 PROPOSED FUTURE 5315 FASTMAN AVE GRADE EXISTING 18" WATERLINE PROPOSED FUTURE 12" 5305 5305 WATERLINE (CPN#393586 TO SCALE: FOR INFORMATION ONLY) 5300 5300 HGL (b) 3600 GPM (8.02 CES 5295 WITH 10-YEAR STORM FOR 5295 TW CONDITION ... 5290 5285 INSTALL 105.29 LF 30* RCF - 5285 INSTALL 425 32 LF 30" RCF --- @-S=0.50%-INSTALL 57.14 LF 30" RCP INSTALL 306.58 LF 30" RCP 5280 @ S=0.50% 5280 **ALL RCP PIPE IS CLASS III** 5270 5270 5265 5265 5260 5260 MM≥ 5255 - 5255 5250 - 5250 5245 5245 5235 -- 5235

I. Jason D. Smith. New Mexico Professional Surveyor No. 17122. I, Jason D. Sillini, New Mexico Protessorial sourceyor No. 1118, do hereby certify that this Property Description was prepared by me or under my supervision, meets the minimum requirements for surveys in New Mexico, and is true and accurate to the best of my knowledge and belief.

A- D. S-

Jason D. Smith, N.M.P.S. No. 17122 1_17_2023



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" X 4" X 5" POST AND EMS AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVE BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- REMOVAL OF THE EXISTING CURB AND GUTTER TO NEAREST JOINT.
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- 3. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- ELECTRONIC MARKER SPHERES [EMS] WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUEROUS STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE 98. PLACE EMS AT VERTICAL AND HORIZONTAL DEFLECTIONS.
- 6. AT UTLITY CROSSINGS WHERE LESS THAN 1.5 FOOT OF SEPARATION FROM STORM DRAIN PRE OR MANNELS IS PRESENT LEAN FILL IS TO BE USED 1) FOOT AD DETAINCE OF SEFE ON SECHA GUE OF HES OF SHOW FOO FORMIN DRAIN TO BOTTOM OF SMATRY SEWER OR WATER LINE GUE 2) FOOT OF SET ALONG SMATRY SEWER OR WATER LINE CONTERED ON THE MANHOLE WITH DEPTH EQUAL TO 2X SEWER OR WATER LINE CHARGETOR
- DEFLECT PIPE 1/2 OF ALLOWABLE MANUFACTURER SPECIFICATION. A VERTICAL & HORIZONTAL DEFLECTION SHALL NOT OCCUR AT SAME JOINT.

GENERAL NOTE:

ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE "E" AS PER C.O.A. STANDARD DRAWING 2101 UNLESS OTHERWISE NOTED.

SAS LINE TO BE PVC (SDR-35) WATER LINE TO BE C900-PVC (DR-18).

ALL VALVES AND BENDS TO BE RESTRAINED WITH RESTRAINING JOINT UNLESS

OTHERWISE NOTED.

SDISAS SLOPES ARE CALCULATED FROM CENTER OF MH TO CENTER OF MH.

VALVES PER STD. DWG. 2326 & 2328
MANHOLES PER STD. DWG. 2101 & 2102
DROP MANHOLE PER STD. DWG. 2116
WATER SERVICE PER STD. DWG. 2361 (2362 & 2368 SAS SERVICE PER STD DWG 2125

TRACER WIRE PER STD. DWG. 2190, 2191, 2302, 2365, 2342 VISIT https://www.abowua.org/For_Builders.aspx FOR STANDARD DRAWINGS



CALL NM ONE-CALL SYSTE SEVEN (7) DAYS PRIOR T ANY EXCAVATION

						NOI		CCEPTANCE	BY:	
				DATE LT INFORMATIV	STAKED BY:	NSPECTOR'S ACCEP	FIELD VERIFICATION BY			
					NO.	AS-BU	WORK	INSPE(FIELD	
EM O	DESIGNED BY: AO									
	DRAWN BY: DH									
	CHECKED BY: MB/OB									

07/05/2022



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT

> ABQ STUDIOS EXPANSION WORK ORDER PACKAGE 1

ABCWUA TANK DRAIN



Oct. 12, 2022 CITY ENGINEER 393585 9 or 12

BHI JOB NO. CLIENT PROJECT NUMBER





ENGINEERING DIVISION

PLAN AND PROFILE R-16-7

ITY PROJECT NO

