

CONSTRUCTION PLANS FOR ALAMEDA SELF STORAGE

CITY OF ALBUQUERQUE
NEW MEXICO
COA PROJECT NO. 556182
ABCWUA AVAILABILITY STATEMENT NO. 190604
DRB PROJECT NO. 2019-002423
JULY 2020

Sheet List Table

Sheet Number	Sheet Title
1	COVER SHEET
2	PLAT (FOR INFORMATION ONLY)
3	TOPOGRAPHIC MAP (FOR INFORMATION ONLY)
4	PRIVATE GRADING & DRAINAGE PLAN (FOR INFORMATION ONLY)
5	DEMOLITION PLAN
6	ALAMEDA BLVD PAVING PLAN & PROFILE
7	STRIPING PLAN
8	OVERALL UTILITY PLAN
9	ALAMEDA BLVD UTILITY PLAN & PROFILE
10	WATERLINE CROSSING @ STORM DRAIN
11	MISCELLANEOUS DETAILS

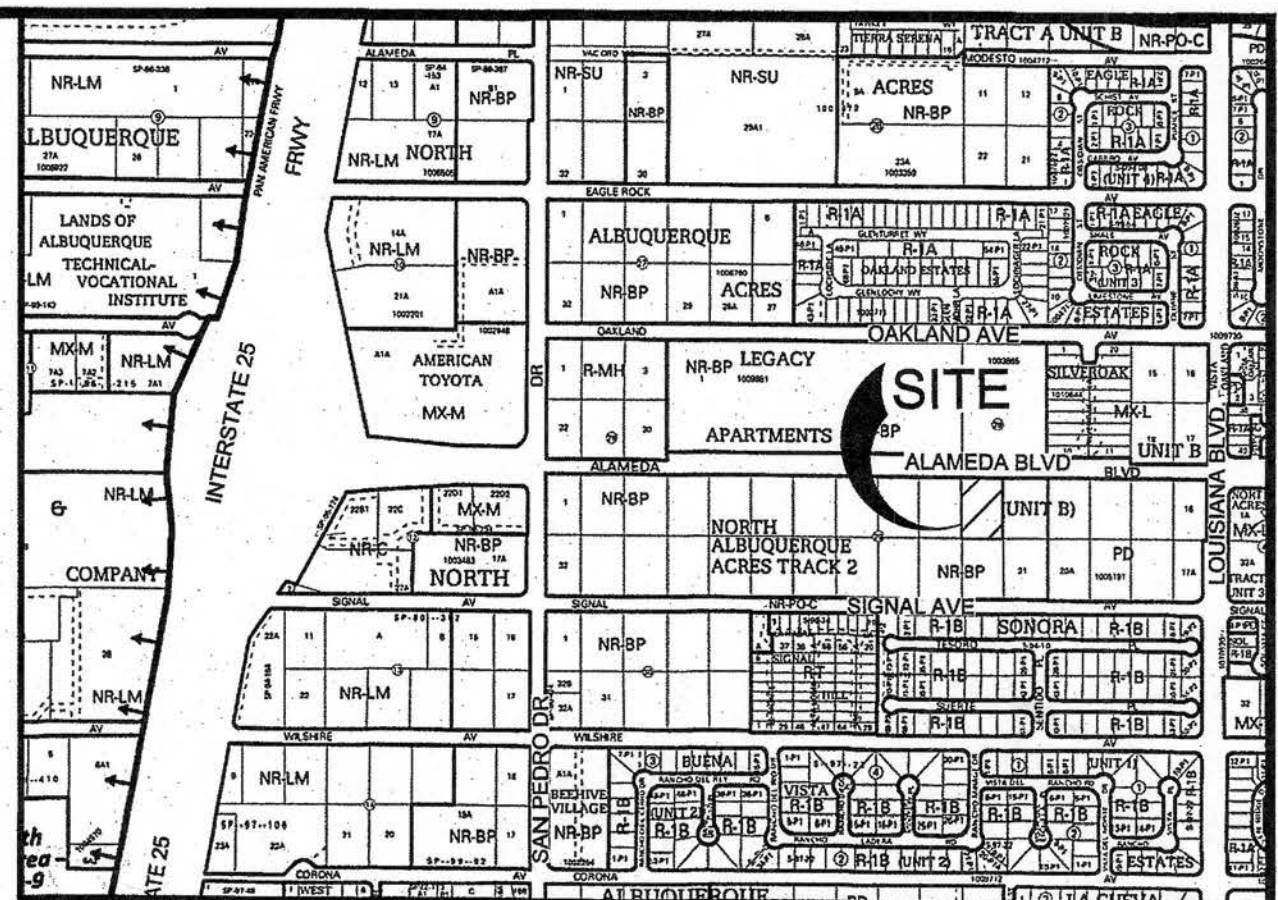
CONSTRUCTION NOTES:

- CONTRACTOR SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- CONTRACTOR SHALL ASSUME FINANCIAL RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, SIGNAGE, CURB AND GUTTER, HANDICAP RAMPS, AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED ON THE PLANS, AND SHALL REPAIR OR REPLACE, PER THE STANDARD SPECIFICATIONS, ANY SUCH DAMAGE.
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES AND/OR OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.
- CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS SHOWN. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING ANY SUCH COSTS INCURRED.
- REMOVALS SHALL BE DISPOSED OF OFF-SITE AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH LATEST UPDATE.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 280-1980, (ALBUQUERQUE AREA) 1-800-321-ALERT (2637) (STATEWIDE) FOR LOCATION OF EXISTING PUBLIC UTILITIES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.

- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE PROJECT ENGINEER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF CITY SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT CITY SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT CITY SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE SPECIFICATIONS.
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATION FOR TRAFFIC CONTROL.
- ALL CITY STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED STRIPING BY CONTRACTOR TO EXISTING LOCATION OR AS INDICATED BY THIS PLAN SET. FINAL STRIPING TO BE COORDINATED WITH C.O.A. TRAFFIC OPERATIONS.
- CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY, WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
- ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY MAY REQUIRE TWENTY-FOUR HOUR CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

- WHEN APPLICABLE, CONTRACTOR SHALL, ON BEHALF OF THE OWNER AND OPERATORS, SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND/OR FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.
- ALL FILL SHALL BE CLEAN, FREE FROM VEGETATION, DEBRIS, AND OTHER DELETERIOUS MATERIALS, AND SHALL NOT BE CONTAMINATED WITH HYDROCARBONS OR OTHER CHEMICAL CONTAMINANTS.
- IF CULTURAL RESOURCES, SUCH AS HISTORIC OR PREHISTORIC ARTIFACTS OR HUMAN REMAINS ARE DISCOVERED DURING EXCAVATION OR CONSTRUCTION, WORK SHALL CEASE AND THE ENGINEER SHALL NOTIFY LOCAL AUTHORITIES. IF HUMAN REMAINS ARE DETERMINED BY THE OFFICE OF THE MEDICAL EXAMINER NOT TO BE RECENT, THE ENGINEER SHALL NOTIFY THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AT 827-6320.
- TWO WEEKS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL NOTIFY AGRIDE TRANSIT DEPARTMENT TO DISCUSS THE IMPACT OF TRAFFIC CONTROL PLAN ON BUS ROUTE AND ANY OTHER TRANSIT INFRASTRUCTURE BEING IMPACTED. CONTACT PERSON FOR AGRIDE: DOUG GOFF (505) 724-3139 OR (505) 331-0263, EMAILS: dgoff@abq.gov
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING. EXISTING VALVES AND MANHOLES SHALL NOT BE BURIED OR PAVED OVER BUT RIMS SHALL BE ADJUSTED TO MATCH NEW GRADE PER COA STANDARD DRAWINGS 2460 AND 2461.
- MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND FLANGE ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
- PROPOSED WATERLINE MATERIALS SHALL BE PVC PIPE MEETING AWWA C-900, DR18 REQUIREMENTS (6" - 12") OR DUCTILE 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.
- 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.

- 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 2465.
- ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO THE CITY OF ALBUQUERQUE SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #9.
- CONTRACTOR SHALL INSTALL A 4" X 4" X 5' POST AND EMS AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR SHALL PROVIDE THE PROPOSED HYDRO TESTING PLANS TO THE ABCWUA INSPECTORS FOR APPROVAL PRIOR TO BEGINNING TESTING OPERATIONS.
- AT UTILITY CROSSINGS, WHERE LESS THAN 18" OF VERTICAL SEPARATION FROM STORM DRAIN PIPING OR STRUCTURES IS PROPOSED, LEAN FILL CONSTRUCTION (PER SECTION 207 OF THE STANDARD SPECIFICATIONS) SHALL BE USED TO PROTECT THE WATER OR SEWER LINE. LEAN FILL SHALL EXTEND A PERPENDICULAR DISTANCE OF 5 FEET ON EACH SIDE OF THE STORM PIPE OR STRUCTURE.
- 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 EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION 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, PIPELINE, 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 AND FACILITIES.
- INSTALL TRACER WIRE PER DETAILS INCLUDED IN THIS PLANSET.



LOCATION MAP
ZONE ATLAS MAP C-18-Z
SCALE: NTS

APPLICANT:
RESPEC, Hugh Floyd, P.E.
5971 JEFFERSON ST NE, SUITE 101
ALBUQUERQUE, NM 87109
(505) 366-4187

DEVELOPER:
Design Development Group, LLC

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

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

RON E. HENSLEY, NMPE No. 21850
Date 8/24/22



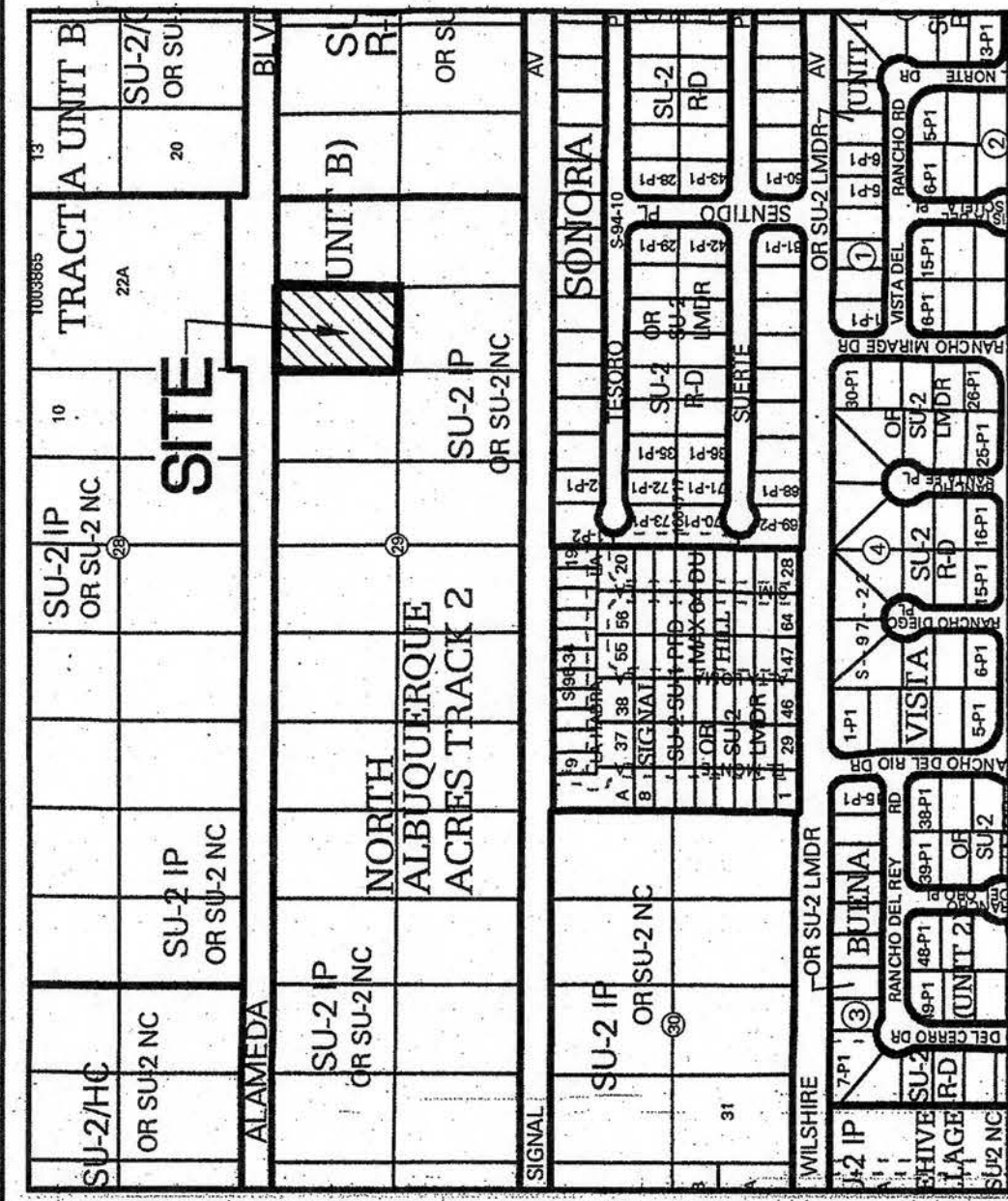
SURVEYOR'S CERTIFICATION

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

Timothy Aldrich, P.S. No. 7719
Date 07/03/2022



5971 JEFFERSON STREET SUITE 101 ALBUQUERQUE, NEW MEXICO 87109 WATER & NATURAL RESOURCES WWW.RESPEC.COM PHONE: (505)253-9718			
REV.	SHEETS	CITY ENGINEER	DATE
ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE
	DRC Chairman	8/7/2020	APPROVED FOR CONSTRUCTION
	Transportation	8/7/2020	
	Water/Wastewater	8/7/2020	
	Hydrology	08/07/20	
	Parks		
	Constr. Mngmt.		
	Constr. Coord.		
City Project No.		Sheet	Of
556182		1	11



Indexing Information

Projected Section 13, Township 11 North, Range 3 East, N.M.P.M. Elena Gallegos
Subdivision: North Albuquerque Acres, Tract A, Unit B
Owner: Credit Shelter Trust U/T Achen Family Revocable Trust
UPC #01806443535410222

Treasurer's Certificate

THIS IS TO CERTIFY THAT THE TAXES ARE CURRENT AND
PAID ON UPC #01806443535410222

PROPERTY OWNER OF RECORD JAMES R. ACHEN
BERNALILLO COUNTY TREASURER'S OFFICE July 2019

Subdivision Data

GROSS ACRES: 0.7694 ACRES
NUMBER OF LOTS: 10
NUMBER OF EXISTING LOTS: 10
MILES OF FULL-WIDTH STREETS: 0.00 MILES
RIGHT-OF-WAY DEDICATION TO THE CITY OF ALBUQUERQUE: 0.2346 ACRES
DATE OF SURVEY: JUNE 2019

Notes

1. FIELD SURVEY PERFORMED IN AUGUST 2006 AND MAY 2017.
2. ALL DISTANCES ARE GROUND DISTANCES: US SURVEY FOOT.
3. 83-CENTRAL ZONE

Purpose of Plat

1. GRANT EASEMENTS AS SHOWN HEREON.
2. DEDICATE RIGHT OF WAY AS SHOWN HEREON.

Solar Collection Note

NO PROPERTY WITHIN THE AREA OF REQUESTED FINAL ACTION SHALL AT ANY TIME BE
SUBJECT TO A DEED RESTRICTION, COVENANT, OR BUILDING AGREEMENT PROHIBITING
SOLAR COLLECTORS FROM BEING INSTALLED ON BUILDINGS OR ERECTED ON THE LOTS OR
A CONDITION TO APPROVAL OF THIS PLAT.

Free Consent and Dedication

THE UNDERSIGNED, JAMES R. ACHEN, TRUSTEE OF THE CREDIT SHELTER TRUST U/T ACHEN FAMILY REVOCABLE TRUST, DO HEREBY CONSENT TO THE
SUBDIVISION OF THE PROPERTY AS SHOWN AND THE SAME IS WITH THE FREE CONSENT
AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNER(S) AND/OR
DEEDER(S) AND HEREBY GRANT ALL EASEMENTS, SAID OWNER(S) AND/OR PROPRIETOR(S)
DO HEREBY REPRESENT THAT THEY ARE SO AUTHORIZED TO ACT AND DEDICATE THE
RIGHT-OF-WAY SHOWN HEREON TO THE CITY OF ALBUQUERQUE IN FEE SIMPLE TITLE
WITH WARRANTY COVENANTS.

James R. Achen 9-12-19
TRUSTEE
CREDIT SHELTER TRUST U/T ACHEN FAMILY REVOCABLE TRUST
DATE

STATE OF NEW MEXICO }
COUNTY OF SANDOVAL }
I, Charles Calderon, Notary Public,
do hereby certify that the foregoing is a true and correct copy of the original instrument filed for record in my office on 12/1 September 2019.

BY: Charles Calderon
NOTARY PUBLIC
MY COMMISSION EXPIRES June 11, 2022

2019C-90

Plat for

Lot 11-A, Block 29
North Albuquerque Acres

Tract A, Unit B

Being Comprised of

Lots 11, Block 29

North Albuquerque Acres

Tract A, Unit B

City of Albuquerque

Bernalillo County, New Mexico

September 2019

Project Number: PR-2019-002473

Application Number: SD-2019-00173

Plat Approvals:

Dr. Danks 9/22/19
P.M. Electric

Dr. Danks 9/22/19
P.M. Electric

Dr. Danks 9/22/19
P.M. Electric

Dr. Danks 9/22/19
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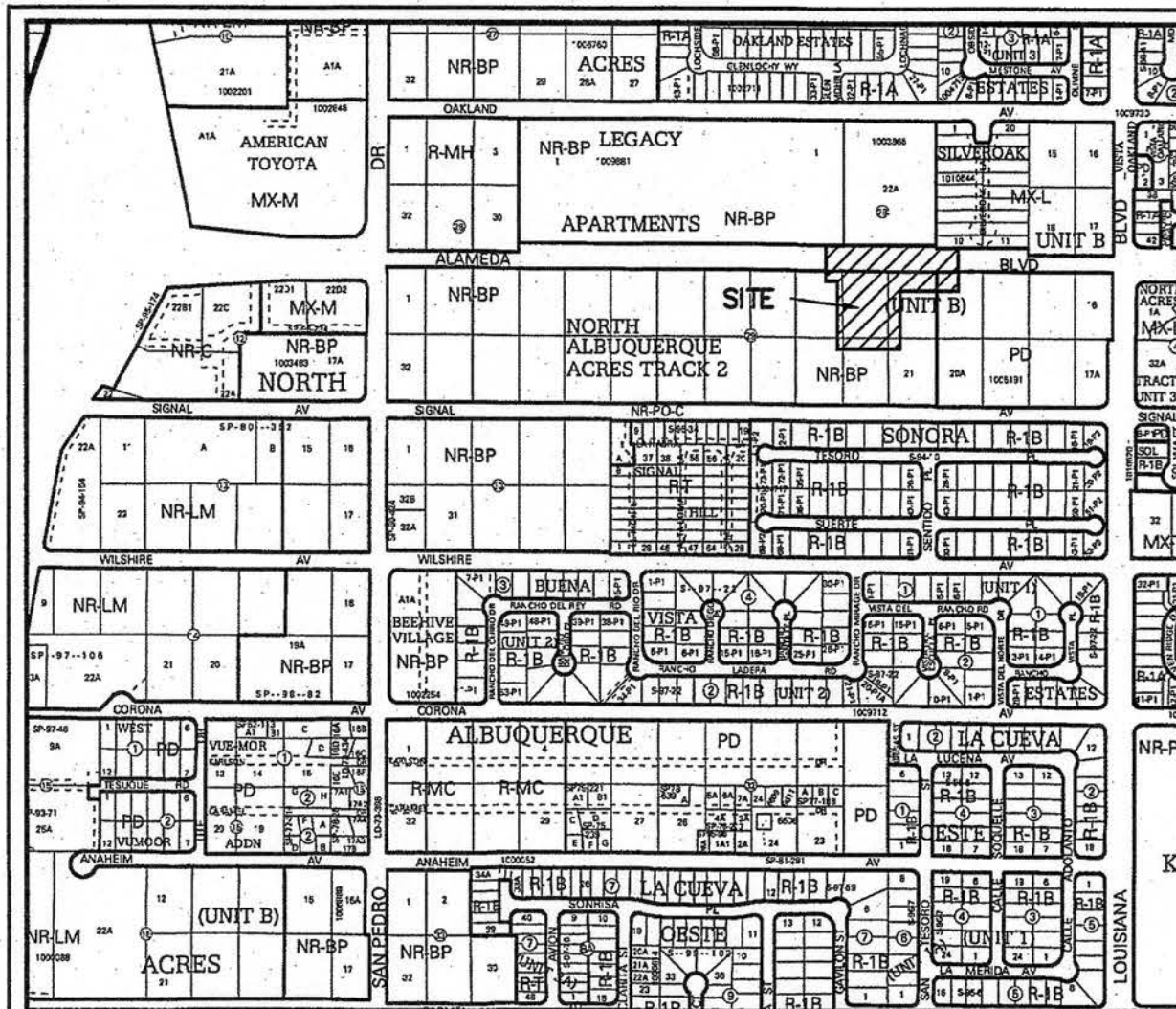
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Dr. Danks 9/22/19
P.M. Electric



Vicinity Map-Zone Atlas C-18-Z

Benchmark -NAVD 88

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

Documents

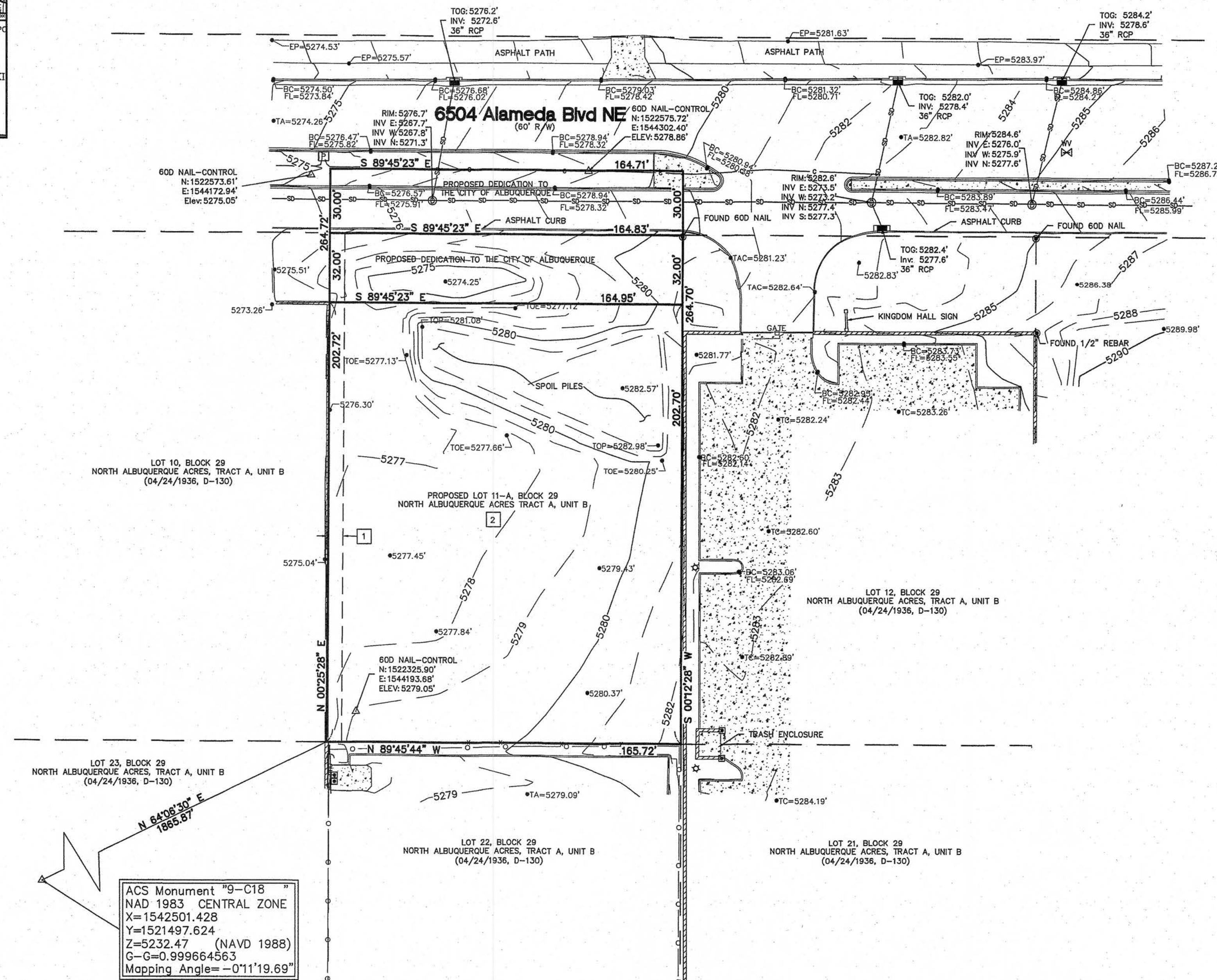
1. PLAT OF RECORD FILED IN THE BERNALILLO COUNTY CLERK'S OFFICE ON APRIL 24, 1936 IN BOOK D, PAGE 130.

Legal Description

LOT NUMBERED ELEVEN (11), IN BLOCK NUMBERED TWENTY-EIGHT (29), OF TRACT "A", UNIT "B" OF NORTH ALBUQUERQUE ACRES, WITHIN SECTION 13, TOWNSHIP 11 NORTH, RANGE 3 EAST, OF N.M.P.M., AS PROJECTED INTO THE ELENA GALLEGOS GRANT, ALBUQUERQUE, NEW MEXICO, AS THE SAME ARE SHOWN AND DESIGNATED ON THE PLAT OF SAID ADDITION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON APRIL 24, 1936, IN PLAT BOOK D, FOLIO 130.

Easement Notes

1. EXISTING 7' UTILITY EASEMENT FOR PNM AND MST&T (10/09/1979, BK. MISC. 722, PG. 601, DOC. NO. 7975848)
2. 5' EXISTING TEMPORARY DRAINAGE EASEMENT FOR A TEMPORARY STORMWATER RETENTION POND. PER THE DOCUMENT OF RECORD "THIS EASEMENT WILL BE RELEASED WHEN THE CITY ENGINEER DETERMINES THAT THE EASEMENT IS NO LONGER REQUIRED". (11/09/2007, AS DOC. 2007156040)

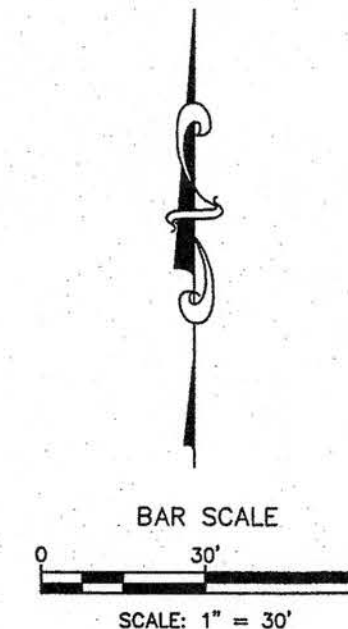


Topographic Map

for
Proposed Lot 11-A, Block 29
North Albuquerque Acres
Tract A, Unit B
Comprised of Lot 11, Block
29, North Albuquerque
Acres, Tract A, Unit B
City of Albuquerque
Bernalillo County, New Mexico
August 2019

Legend

N 90°00'00" E	MEASURED BEARINGS AND DISTANCES
●	FOUND MONUMENT AS INDICATED
▬	CONCRETE
▬	CHAINLINK FENCE
▬	WIRE FENCE
▬	METAL FENCE
▬	RAILROAD TIES
▬	BOLLARD
●	UTILITY POLE
—	OVERHEAD UTILITY LINE
—	ANCHOR
□	PULL BOX
☆	LIGHT POLE
WV	WATER VALVE
▬	STORM DRAIN INLET
⊙	STORM DRAIN MANHOLE
5075.50	SPOT ELEVATION
BC 5075.50	BACK OF CURB ELEVATION
FL 5075.50	FLOW LINE ELEVATION
EP 5075.50	EDGE OF PAVEMENT ELEVATION
TA 5075.50	TOP OF ASPHALT ELEVATION
TC 5075.50	TOP OF CONCRETE ELEVATION
TAC 5075.50	TOP ASPHALT CURB ELEVATION
—	UNDERGROUND WATER UTILITY LINE
—	UNDERGROUND STORM DRAIN LINE
—	UNDERGROUND FIBER OPTIC CABLE LINE



Notes

1. FIELD SURVEY PERFORMED IN NOVEMBER 2017 AND AUGUST 2019.
2. ALL DISTANCES ARE GROUND DISTANCES: U.S. SURVEY FOOT.
3. THE BASIS OF BEARINGS REFERENCES NEW MEXICO STATE PLANE COORDINATES (NAD 83-CENTRAL ZONE).
4. SOURCE INFORMATION FROM PLANS AND MARKINGS WERE COMBINED WITH OBSERVED EVIDENCE OF UTILITIES TO DEVELOP A VIEW OF THOSE UNDERGROUND UTILITIES. HOWEVER, LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY, COMPLETELY AND RELIABLY DEPICTED, WHERE ADDITIONAL OR MORE DETAILED INFORMATION IS REQUIRED, THE CLIENT IS ADVISED THAT THAT EXCAVATION MAY BE NECESSARY. (NM811 TICKET NO. 19AG200945).
5. ALTHOUGH THIS IS NOT A BOUNDARY SURVEY, A BOUNDARY SURVEY MAY BE PERFORMED ON THIS PROPERTY, SO THIS TOPOGRAPHIC SURVEY MAY REFLECT SOME CHARACTERISTICS OF A BOUNDARY SURVEY.
6. COORDINATES SHOWN HEREON ARE MODIFIED NEW MEXICO STATE PLANE COORDINATES (NAD 83-CENTRAL ZONE) USING GROUND TO GRID FACTOR OF 0.9996648025

Surveyor's Certificate

I, WILL PLOTNER, JR., A NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR DO HEREBY CERTIFY THAT THE TOPOGRAPHIC MAP SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Will Plotner Jr. 8/30/19
N.M.R.P.S. No. 14271 Date

CSI-CARTESIAN SURVEYS INC.

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



Sheet 1 of 1
172194-A7

THIS IS NOT A BOUNDARY SURVEY, APPARENT PROPERTY CORNERS ARE SHOWN FOR ORIENTATION ONLY. BOUNDARY DATA SHOWN IS FROM PREVIOUS SURVEY REFERENCED HEREON.

FOR INFORMATION ONLY

Project No. 556182

Zone Map No. C-18-Z

Sheet 3

of 11

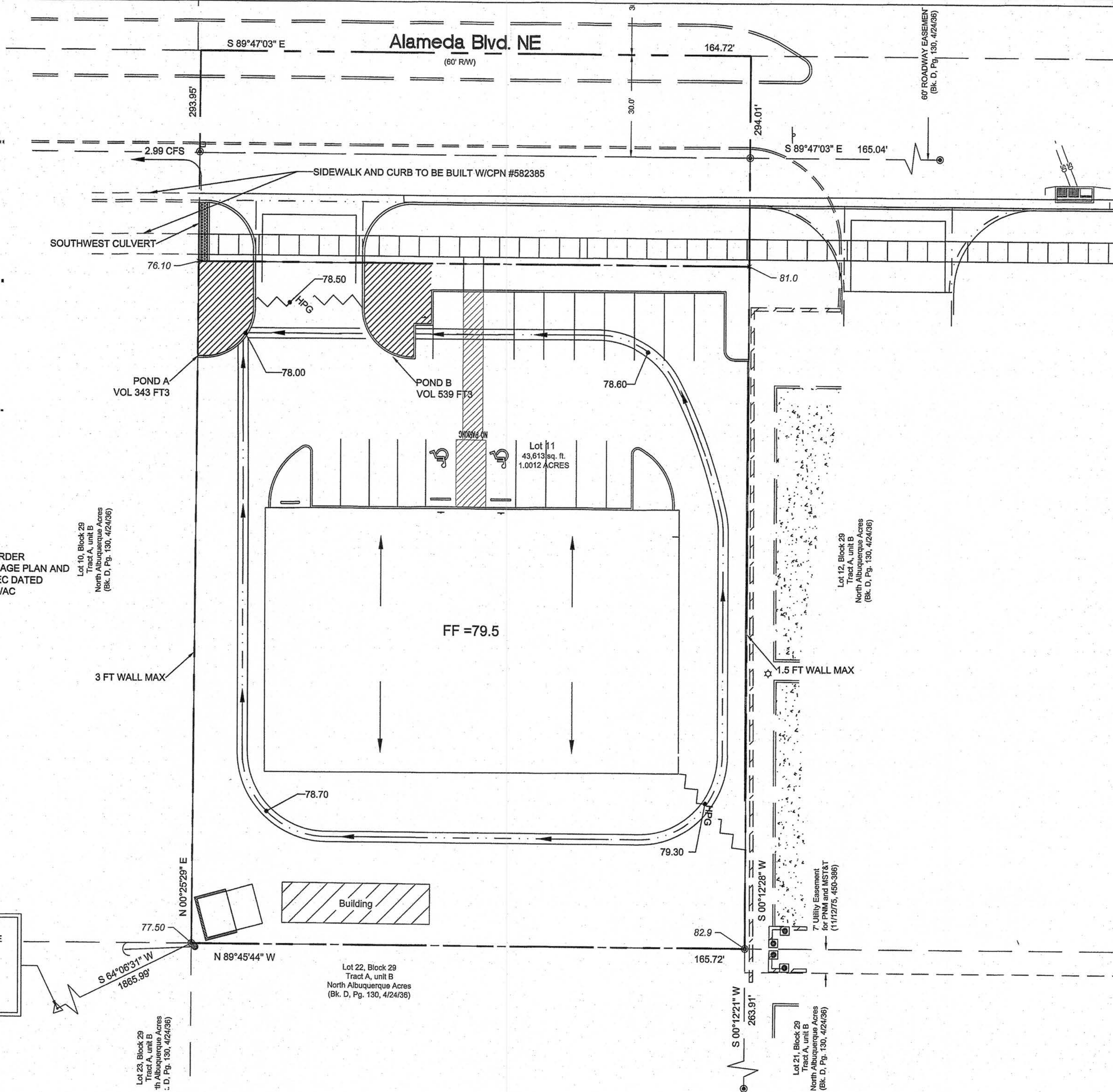
*100 YEAR RAINFALL TABLE
RAINFALL TYPE=13 RAIN QUARTER=0.0 IN
RAIN ONE=2.14 IN RAIN SIX=2.60 IN
RAIN DAY=3.10 IN DT=0.05 HR

*S EXISTING CONDITIONS
*S COMPUTE HYD BASIN EX
COMPUTE NM HYD ID=1 HYDNO=101 DA=0.0011973945 SQ.MI
PER A=0 PER B=34 PER C=16 PER D=50
TP=-0.133333333 RAIN=-1

PRINT HYD ID=1 CODE=20
*S PROPOSED CONDITIONS
*S COMPUTE HYD BASIN A
COMPUTE NM HYD ID=2 HYDNO=102 DA=0.0011973945 SQ.MI
PER A=0 PER B=2.9 PER C=2.9 PER D=94.3
TP=-0.133333333 RAIN=-1
PRINT HYD ID=2 CODE=20

GENERAL NOTES

- ALL WORK WITHIN RIGHT-OF-WAY TO BE CONSTRUCTED WITH WORK ORDER
- THIS SITE IS WITHIN THE NORTH ALBUQUERQUE ACRES MASTER DRAINAGE PLAN AND THE ALAMEDA BLVD SAN PEDRO TO WYOMING PROJECT #7863.01 BY TEC DATED JANUARY 2012. THE ALLOWABLE DISCHARGE FOR THIS SITE IS 3.82 CFS/AC



BACKGROUND

THE OFFICE WAREHOUSE BUILDING SITE IS APPROXIMATELY .766 ACRES IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO. THE PROPERTY IS LOCATED JUST EAST OF INTERSTATE 25 ON ALAMEDA BLVD BETWEEN SAN PEDRO DR AND LOUISIANA BLVD. THE SITE CURRENTLY IS AN UNDEVELOPED LOT. THE PROPOSED PROJECT IS AN OFFICE WAREHOUSE. ACCORDING TO THE FEMA WEBSITE THERE IS NO DESIGNATED 100-YEAR FLOODPLAIN SHOWN ON THE SITE.

THE SITE DOES NOT RECEIVE ANY OFFSITE FLOWS BUT HAS PREVIOUSLY RECEIVED FLOWS FROM THE ADJACENT PROPERTIES TO THE EAST. THE ADJACENT SITE NOW HAS A RETAINING WALL ON THE PROPERTY LINE AND NO LONGER DISCHARGES ONTO THE PROJECT AREA. THIS AREA IS INCLUDED IN THE NORTH ALBUQUERQUE ACRES MASTER DRAINAGE PLAN (NAAMP).

METHODOLOGY

HYDROLOGY CALCULATIONS FOR THE SITE ARE PERFORMED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE TECHNICAL STANDARDS. AHYMO WAS USED, BASED ON THE 100-YR, 24-HR STORM EVENT, TO CALCULATE PEAK FLOW RATES IN ORDER TO ENSURE ALL FLOW PATHS ARE SUFFICIENT TO CARRY FLOWS. ALL HYDROLOGIC CALCULATIONS CAN BE FOUND ON THIS SHEET.

EXISTING CONDITIONS

THE AREA, IN GENERAL, SLOPES FROM SOUTH-EAST TO NORTH-WEST AT AN APPROXIMATE SLOPE OF 2% - 4% TO A LOW RETENTION BASIN APPROXIMATELY FOUR FEET DEEP. STORM WATER RUNOFF GENERATED BY LOT 11 SHEET DRAINS INTO RETENTION BASIN LOCATED ON THE PROPERTY.

PROPOSED CONDITIONS

THE PROPOSED DEVELOPMENT WILL CONSIST OF ASPHALT AND CONCRETE PAVING FOR PARKING AND DRIVING SURFACES AND A LARGE OFFICE WAREHOUSE BUILDING. THE PROPERTY HAS ONE BASIN.

THE SUBBASIN IS THE SIZE OF THE PROPERTY AT 0.766 ACRES AND GENERATES 3.71 CFS. THIS SUBBASIN CONSISTS PRIMARILY OF THE RUNOFF GENERATED ON SITE. THE PARKING LOT WILL FLOW FROM SOUTHEAST TO NORTHEAST AND FLOW INTO THE DETENTION POND AT THE NORTHEAST CORNER OF THE PROPERTY. ONCE WATER REACHES THE ELEVATION OF THE WEIR, RUNOFF EXITS THE DETENTION POND AND FLOWS TO THE WEST ALONG ALAMEDA. PER THE NAA DMP, THE SITE IS ALLOWED 2.99 CFS DISCHARGED INTO ALAMEDA. THE FLOW FROM THE PROPERTY WILL BE REDUCED TO THIS ALLOWABLE RATE VIA THE PONDS LOCATED AT THE NORTHWEST CORNER OF THE SITE.

THE REQUIRED WATER QUALITY VOLUME OF 593 CUBIC FEET WAS CALCULATED USING A FIRST FLUSH VALUE OF 0.34". THIS VOLUME WILL BE STORED IN THE PONDING AREA AT THE NORTHWEST CORNER OF THE PROPERTY.

LEGEND

- PROPERTY BOUNDARY
- HIGH POINT
- PONDING AREAS
- FLOW LINE
- PROPOSED ELEVATION
- EXISTING ELEVATION

AHYMO PROGRAM SUMMARY TABLE (AHYMO-S4) - Ver. S4.02a, Rel: 02a RUN DATE (MON/DAY/YR) =07/24/2019
INPUT FILE = library\HandH Tools\ahymo-s4-r2\DISK1\program files\AHYMO-S4\AchenAlameda.txt USER NO. = AHYMO-S4TempUser05901704

COMMAND	IDENTIFICATION	HYDROGRAPH NO.	FROM ID	TO ID	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1
S	PROJECT NAME:										
S	DATE:										
S	INPUT FILE NAME:										
S	OUTPUT FILE NAME:										
S	RAINFALL TYPE=13									RAIN24= 3.100	
S	EXISTING CONDITIONS										
S	COMPUTE HYD BASIN EX										
S	COMPUTE NM HYD	101.00	-	1	0.00120	2.99	0.124	1.94076	1.500	3.907 PER IMP=	50.00
S	PROPOSED CONDITIONS										
S	COMPUTE HYD BASIN A										
S	COMPUTE NM HYD	102.00	-	2	0.00120	3.71	0.176	2.75473	1.500	4.847 PER IMP=	94.21

NAME: L:\Active Projects\03783 Achen Alameda\3. DWG\Sheets\03783 Grading plan 19-8-16.dwg PLOT DATE: Aug 16, 2019 4:46pm

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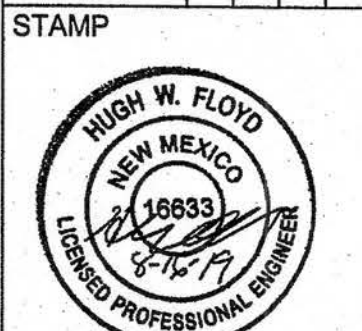
FOR INFORMATION ONLY

Project No. 556182

Zone Map No. C-18-Z

Sheet 4 of 11

REVISION			
DESIGNED	DM	8.16.2019	
DRAWN	JS		
CHECKED			
DATE			



THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED



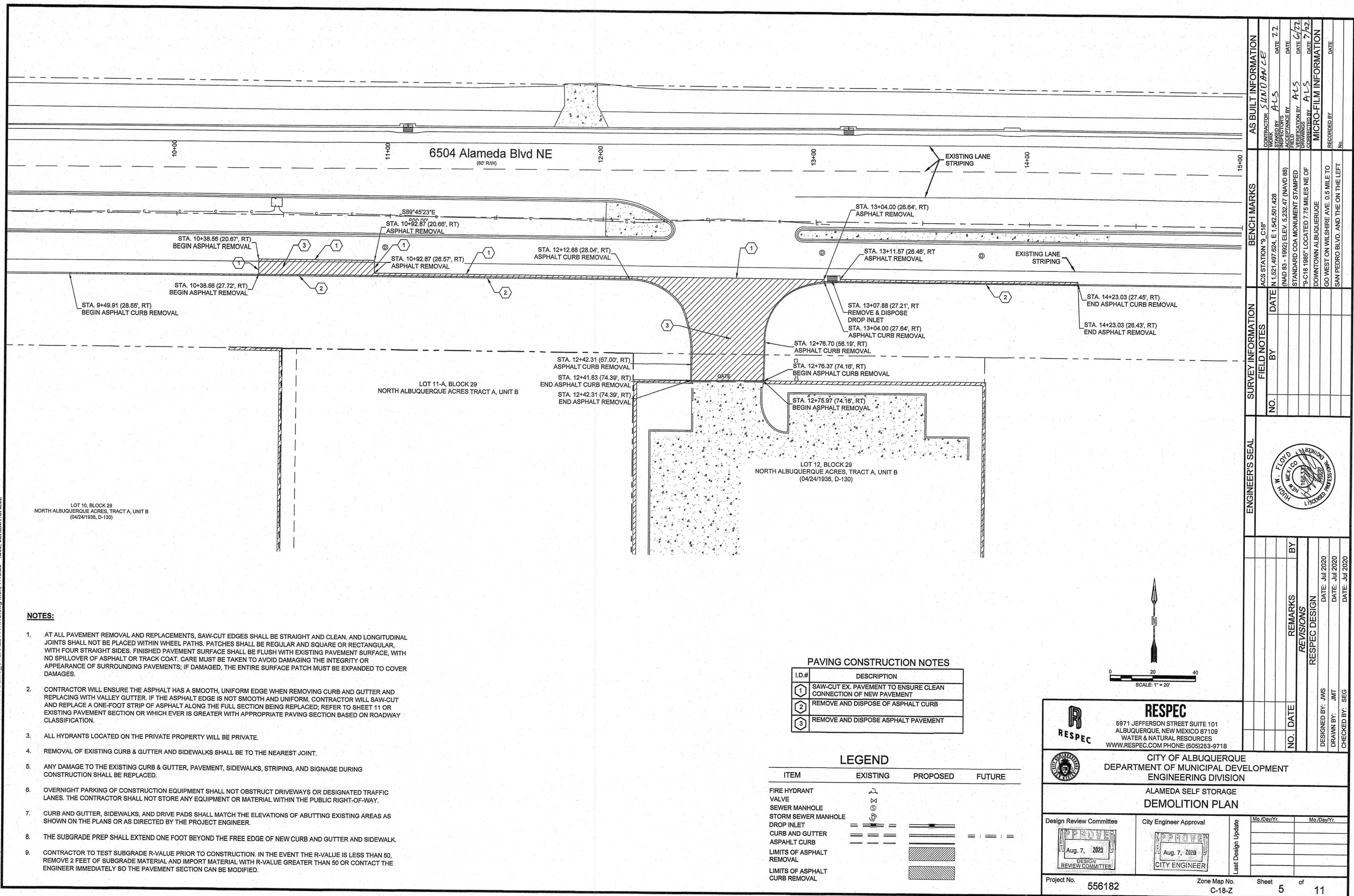
OFFICE WAREHOUSE BUILDING

CONCEPTUAL GRADING AND DRAINAGE PLAN

DRB SITE PLAN

SHEET NUMBER: C-100

L:\Active Projects\037833 6504 Alameda\3. DWG\Public\Sheets\037833 03 DEMO_OVERALL_PAVING.dwg Mon, 7/13/20 - 12:00, JEREMY SHELL



NOTES:

- AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAW-CUT EDGES SHALL BE STRAIGHT AND CLEAN, AND LONGITUDINAL JOINTS SHALL NOT BE PLACED WITHIN WHEEL PATHS. PATCHES SHALL BE REGULAR AND SQUARE OR RECTANGULAR, WITH FOUR STRAIGHT SIDES. FINISHED PAVEMENT SURFACE SHALL BE FLUSH WITH EXISTING PAVEMENT SURFACE, WITH NO SPILLOVER OF ASPHALT OR TRACK COAT. CARE MUST BE TAKEN TO AVOID DAMAGING THE INTEGRITY OR APPEARANCE OF SURROUNDING PAVEMENTS; IF DAMAGED, THE ENTIRE SURFACE PATCH MUST BE EXPANDED TO COVER DAMAGES.
- CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH, UNIFORM EDGE WHEN REMOVING CURB AND GUTTER AND REPLACING WITH VALLEY GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, CONTRACTOR WILL SAW-CUT AND REPLACE A ONE-FOOT STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED; REFER TO SHEET 11 OR EXISTING PAVEMENT SECTION OR WHICH EVER IS GREATER WITH APPROPRIATE PAVING SECTION BASED ON ROADWAY CLASSIFICATION.
- ALL HYDRANTS LOCATED ON THE PRIVATE PROPERTY WILL BE PRIVATE.
- REMOVAL OF EXISTING CURB & GUTTER AND SIDEWALKS SHALL BE TO THE NEAREST JOINT.
- ANY DAMAGE TO THE EXISTING CURB & GUTTER, PAVEMENT, SIDEWALKS, STRIPING, AND SIGNAGE DURING CONSTRUCTION SHALL BE REPLACED.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- CURB AND GUTTER, SIDEWALKS, AND DRIVE PADS SHALL MATCH THE ELEVATIONS 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 SIDEWALK.
- 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.

PAVING CONSTRUCTION NOTES

I.D.#	DESCRIPTION
1	SAW-CUT EX. PAVEMENT TO ENSURE CLEAN CONNECTION OF NEW PAVEMENT
2	REMOVE AND DISPOSE OF ASPHALT CURB
3	REMOVE AND DISPOSE ASPHALT PAVEMENT

LEGEND

ITEM	EXISTING	PROPOSED	FUTURE
FIRE HYDRANT			
VALVE			
SEWER MANHOLE			
STORM SEWER MANHOLE			
DROP INLET			
CURB AND GUTTER			
ASPAHLT CURB			
LIMITS OF ASPHALT REMOVAL			
LIMITS OF ASPHALT CURB REMOVAL			

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

ALAMEDA SELF STORAGE
DEMOLITION PLAN

Design Review Committee

Aug. 7, 2020

City Engineer Approval

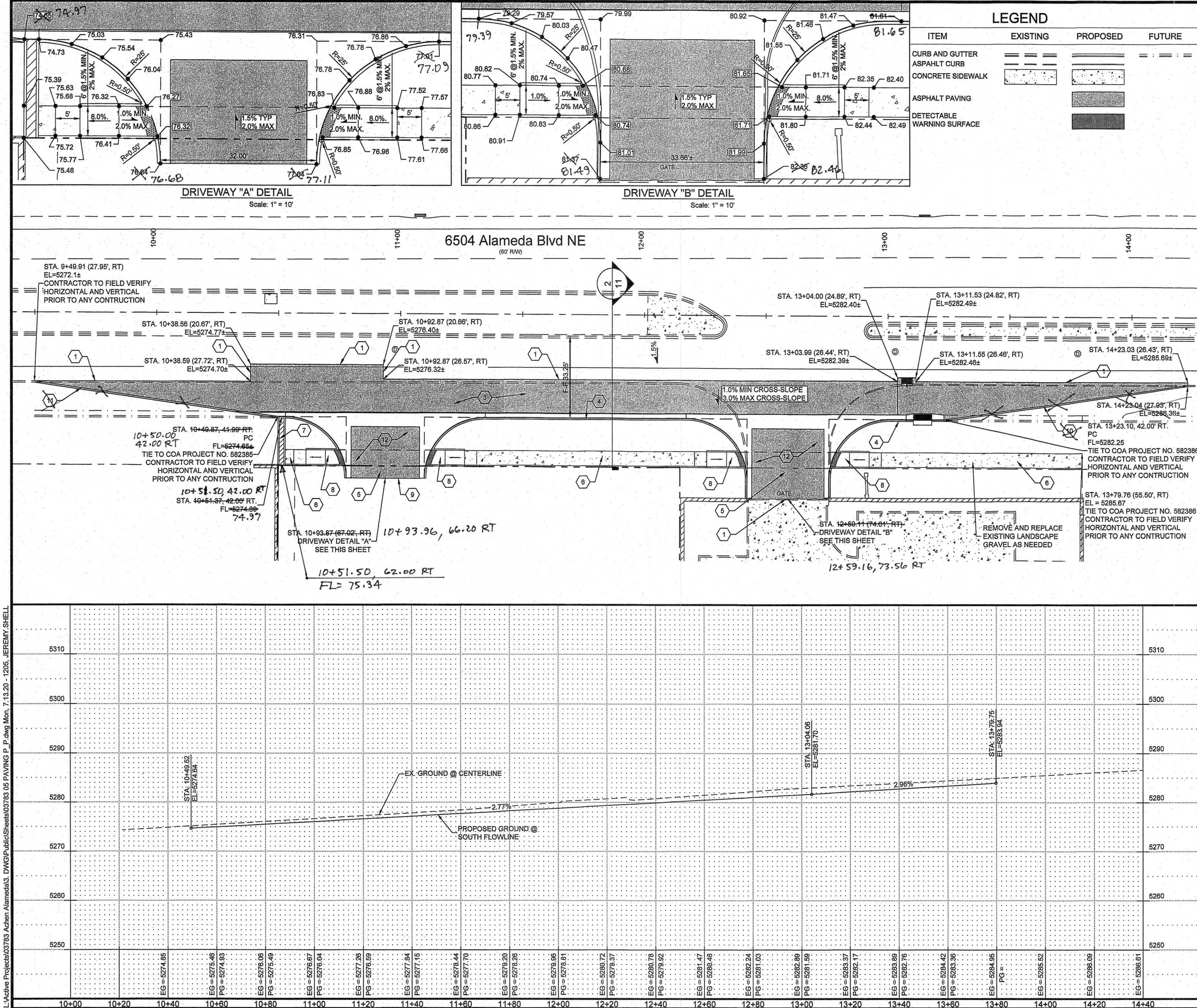
Aug. 7, 2020

Last Design Update
Mo./Day/Yr. _____
Mo./Day/Yr. _____

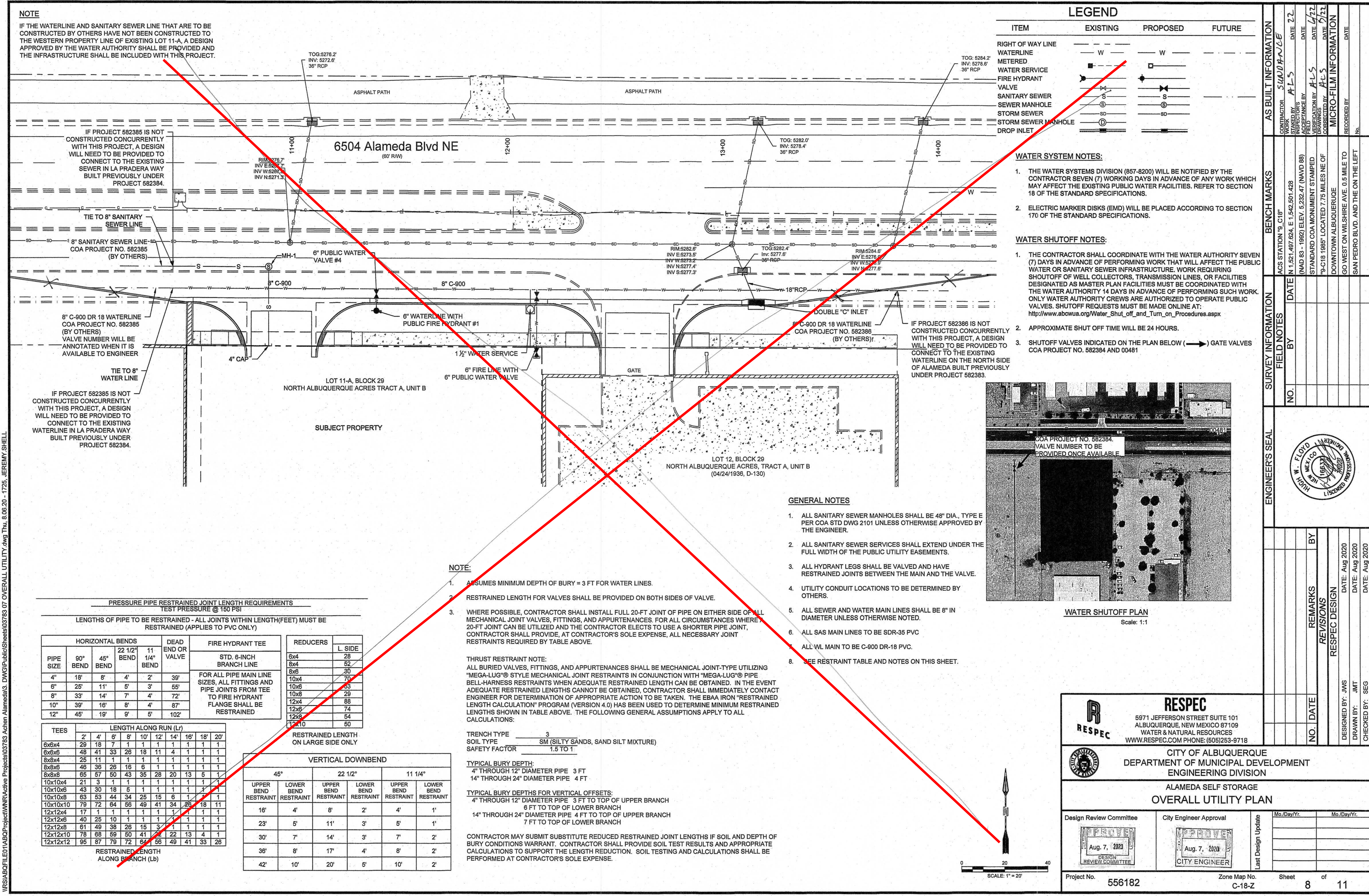
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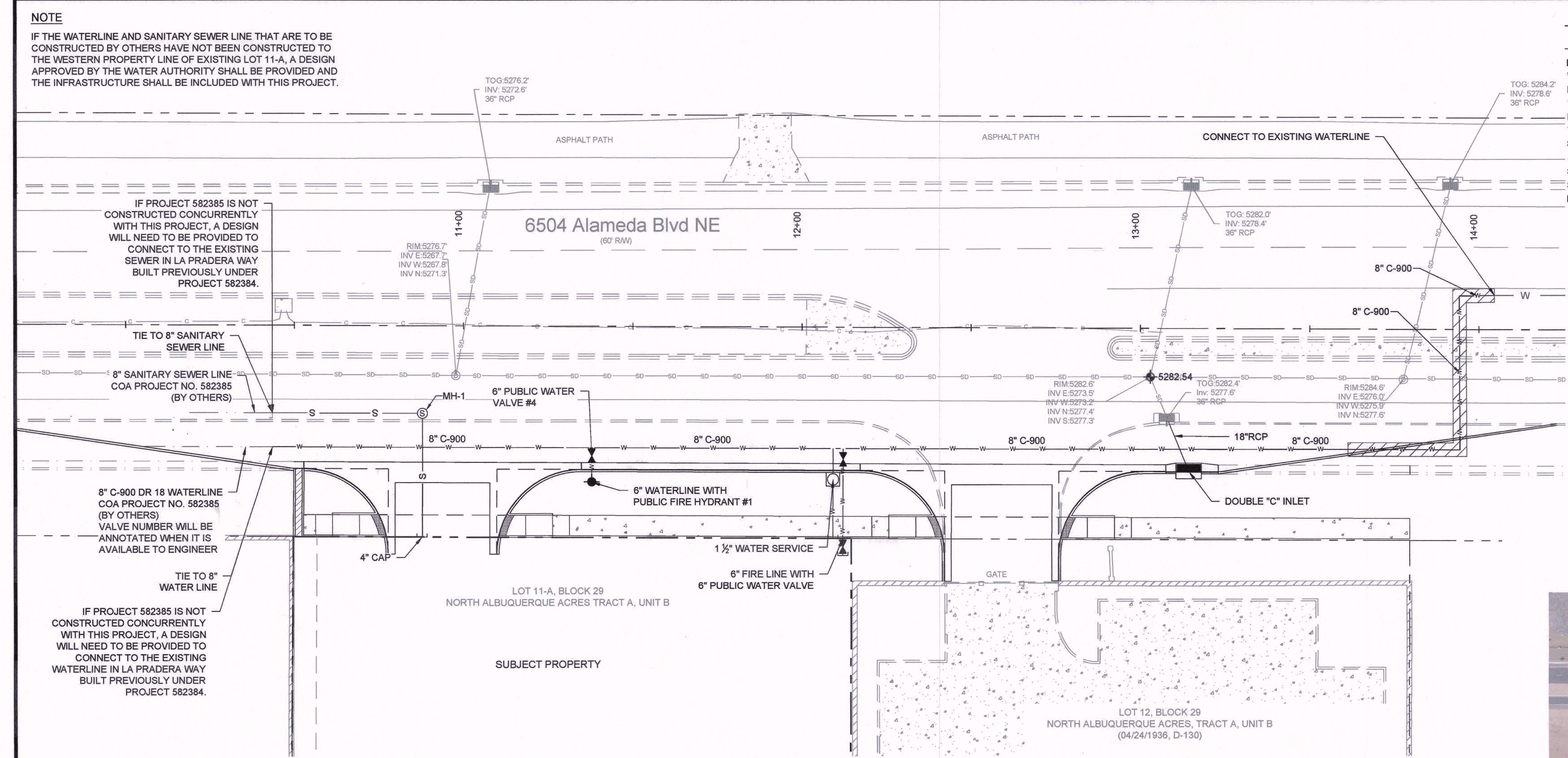
Zone Map No. **C-18-Z**

Sheet **5** of **11**



L:\Active Projects\03783 Achen Alameda\3. DWG\Public\Sheets\03783 05 PAVING P.P.dwg Mon. 7.13.20 - 1205, JEREMY SHELL





LEGEND			
ITEM	EXISTING	PROPOSED	FUTURE
RIGHT OF WAY LINE	---	---	---
WATERLINE	W	W	---
METERED	---	---	---
WATER SERVICE	---	---	---
FIRE HYDRANT	---	---	---
VALVE	---	---	---
SANITARY SEWER	S	S	---
SEWER MANHOLE	---	---	---
STORM SEWER	SD	SD	---
STORM SEWER MANHOLE	---	---	---
DROP INLET	---	---	---

- WATER SYSTEM NOTES:**
- THE WATER SYSTEMS DIVISION (857-8200) WILL BE NOTIFIED BY THE CONTRACTOR SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES. REFER TO SECTION 18 OF THE STANDARD SPECIFICATIONS.
 - ELECTRIC MARKER DISKS (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE STANDARD SPECIFICATIONS.
- WATER SHUTOFF NOTES:**
- THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT: http://www.abqwa.org/Water_Shut_off_and_Turn_on_Procedures.aspx
 - APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
 - SHUTOFF VALVES INDICATED ON THE PLAN BELOW (→) GATE VALVES COA PROJECT NO. 562384 AND 00481



WATER SHUTOFF PLAN
Scale: 1:1

- GENERAL NOTES**
- ALL SANITARY SEWER MANHOLES SHALL BE 48" DIA., TYPE E PER COA STD DWG 2101 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 - ALL SANITARY SEWER SERVICES SHALL EXTEND UNDER THE FULL WIDTH OF THE PUBLIC UTILITY EASEMENTS.
 - ALL HYDRANT LEGS SHALL BE VALVED AND HAVE RESTRAINED JOINTS BETWEEN THE MAIN AND THE VALVE.
 - UTILITY CONDUIT LOCATIONS TO BE DETERMINED BY OTHERS.
 - ALL SEWER AND WATER MAIN LINES SHALL BE 8" IN DIAMETER UNLESS OTHERWISE NOTED.
 - ALL SAS MAIN LINES TO BE SDR-35 PVC
 - ALL WL MAIN TO BE C-900 DR-18 PVC.
 - SEE RESTRAINT TABLE AND NOTES ON THIS SHEET.

- NOTE:**
- ASSUMES MINIMUM DEPTH OF BURY = 3 FT FOR WATER LINES.
 - RESTRAINED LENGTH FOR VALVES SHALL BE PROVIDED ON BOTH SIDES OF VALVE.
 - WHERE POSSIBLE, CONTRACTOR SHALL INSTALL FULL 20-FT JOINT OF PIPE ON EITHER SIDE OF ALL MECHANICAL JOINT VALVES, FITTINGS, AND APPURTENANCES. FOR ALL CIRCUMSTANCES WHERE A 20-FT JOINT CAN BE UTILIZED AND THE CONTRACTOR ELECTS TO USE A SHORTER PIPE JOINT, CONTRACTOR SHALL PROVIDE, AT CONTRACTOR'S SOLE EXPENSE, ALL NECESSARY JOINT RESTRAINTS REQUIRED BY TABLE ABOVE.
- THRUST RESTRAINT NOTE:
ALL BURIED VALVES, FITTINGS, AND APPURTENANCES SHALL BE MECHANICAL JOINT-TYPE UTILIZING "MEGA-LUG"® STYLE MECHANICAL JOINT RESTRAINTS IN CONJUNCTION WITH "MEGA-LUG"® PIPE BELL-HARNES RESTRAINTS WHEN ADEQUATE RESTRAINED LENGTH CAN BE OBTAINED. IN THE EVENT ADEQUATE RESTRAINED LENGTHS CANNOT BE OBTAINED, CONTRACTOR SHALL IMMEDIATELY CONTACT ENGINEER FOR DETERMINATION OF APPROPRIATE ACTION TO BE TAKEN. THE EBAA IRON "RESTRAINED LENGTH CALCULATION" PROGRAM (VERSION 4.0) HAS BEEN USED TO DETERMINE MINIMUM RESTRAINED LENGTHS SHOWN IN TABLE ABOVE. THE FOLLOWING GENERAL ASSUMPTIONS APPLY TO ALL CALCULATIONS:

TRENCH TYPE 3
SOIL TYPE SM (SILTY SANDS, SAND SILT MIXTURE)
SAFETY FACTOR 1.5 TO 1

TYPICAL BURY DEPTH:
4" THROUGH 12" DIAMETER PIPE 3 FT
14" THROUGH 24" DIAMETER PIPE 4 FT

TYPICAL BURY DEPTHS FOR VERTICAL OFFSETS:
4" THROUGH 12" DIAMETER PIPE 3 FT TO TOP OF UPPER BRANCH
6 FT TO TOP OF LOWER BRANCH
14" THROUGH 24" DIAMETER PIPE 4 FT TO TOP OF UPPER BRANCH
7 FT TO TOP OF LOWER BRANCH

CONTRACTOR MAY SUBMIT SUBSTITUTE REDUCED RESTRAINED JOINT LENGTHS IF SOIL AND DEPTH OF BURY CONDITIONS WARRANT. CONTRACTOR SHALL PROVIDE SOIL TEST RESULTS AND APPROPRIATE CALCULATIONS TO SUPPORT THE LENGTH REDUCTION. SOIL TESTING AND CALCULATIONS SHALL BE PERFORMED AT CONTRACTOR'S SOLE EXPENSE.

WATER AUTHORITY APPROVAL
OF RECORD DRAWINGS

THIS SET OF DRAWINGS IS ACCEPTED FOR RECORD
PURPOSES BY:

RANDALL J CARROLL, P.E.

DATE: 9/29/2022

0000556182-2022

PRESSURE PIPE RESTRAINED JOINT LENGTH REQUIREMENTS
TEST PRESSURE @ 150 PSI
LENGTHS OF PIPE TO BE RESTRAINED - ALL JOINTS WITHIN LENGTH(FEET) MUST BE RESTRAINED (APPLIES TO PVC ONLY)

PIPE SIZE	HORIZONTAL BENDS				DEAD END OR VALVE	FIRE HYDRANT TEE STD. 6-INCH BRANCH LINE FOR ALL PIPE MAIN LINE SIZES, ALL FITTINGS AND PIPE JOINTS FROM TEE TO FIRE HYDRANT FLANGE SHALL BE RESTRAINED
	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND		
4"	18'	8'	4'	2'	39'	
6"	25'	11'	5'	3'	55'	
8"	33'	14'	7'	4'	72'	
10"	39'	16'	8'	4'	87'	
12"	45'	19'	9'	5'	102'	

TEES	LENGTH ALONG RUN (L)															
	2'	4'	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'	32'
6x6x4	29	18	7	1	1	1	1	1	1	1	1	1	1	1	1	1
6x6x6	48	41	33	26	18	11	4	1	1	1	1	1	1	1	1	1
8x8x4	25	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8x8x6	46	36	26	16	6	1	1	1	1	1	1	1	1	1	1	1
8x8x8	65	57	50	43	35	28	20	13	5	1	1	1	1	1	1	1
10x10x4	21	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10x10x6	43	30	18	5	1	1	1	1	1	1	1	1	1	1	1	1
10x10x8	63	53	44	34	25	15	6	1	1	1	1	1	1	1	1	1
10x10x10	79	72	64	56	49	41	34	26	18	11	1	1	1	1	1	1
12x12x4	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12x12x6	40	25	10	1	1	1	1	1	1	1	1	1	1	1	1	1
12x12x8	61	49	38	26	15	3	1	1	1	1	1	1	1	1	1	1
12x12x10	78	68	59	50	41	32	22	13	4	1	1	1	1	1	1	1
12x12x12	95	87	79	72	64	56	49	41	33	26	18	11	1	1	1	1

VERTICAL DOWNBEND					
45°		22 1/2°		11 1/4°	
UPPER BEND RESTRAINT	LOWER BEND RESTRAINT	UPPER BEND RESTRAINT	LOWER BEND RESTRAINT	UPPER BEND RESTRAINT	LOWER BEND RESTRAINT
16'	4'	8'	2'	4'	1'
23'	5'	11'	3'	5'	1'
30'	7'	14'	3'	7'	2'
36'	8'	17'	4'	8'	2'
42'	10'	20'	5'	10'	2'

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

ALAMEDA SELF STORAGE
OVERALL UTILITY PLAN

Design Review Committee
APPROVED
Nov. 18, 2021
DESIGN REVIEW COMMITTEE

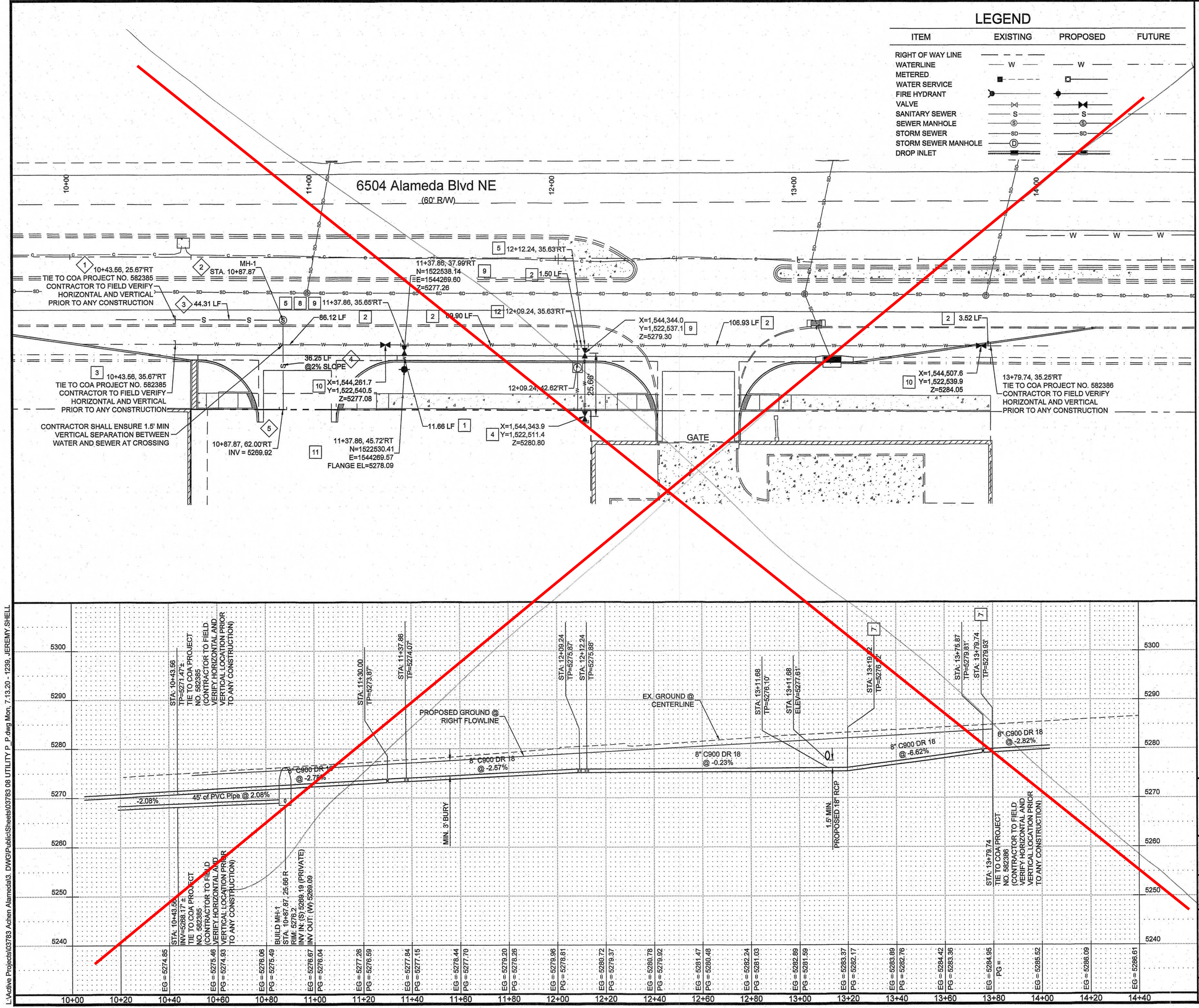
City Engineer Approval
APPROVED
Nov. 18, 2021
CITY ENGINEER

Project No. 556182

Zone Map No. C-18-Z

Sheet 8R of 11

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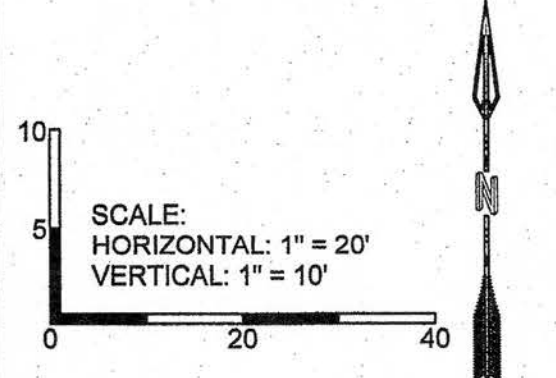
LEGEND			
ITEM	EXISTING	PROPOSED	FUTURE
RIGHT OF WAY LINE	---	---	---
WATERLINE	W	W	W
METERED	■	■	■
WATER SERVICE	—	—	—
FIRE HYDRANT	●	●	●
VALVE	⋈	⋈	⋈
SANITARY SEWER	S	S	S
SEWER MANHOLE	⊙	⊙	⊙
STORM SEWER	SD	SD	SD
STORM SEWER MANHOLE	⊙	⊙	⊙
DROP INLET	⊙	⊙	⊙

WATER CONSTRUCTION NOTES	
ID.#	DESCRIPTION
1	INSTALL 6" WATERLINE PER STD. SPEC. SEC. 801
2	INSTALL 8" WATERLINE PER STD. SPEC. SEC. 801
3	CONNECT NEW WATERLINE TO EXISTING WATERLINE (NON PRESSURIZED CONNECTION)
4	INSTALL 6" CAP
5	INSTALL 8" x 6" TEE
6	NOT USED
7	INSTALL 8" VERTICAL 11.25 DEGREE BEND
8	"MEG A LUG" ALL FITTINGS AND JOINTS FROM TEE TO FIRE HYDRANT
9	INSTALL 6" GATE VALVE AND VALVE BOX, PER COA STD. DTL. 2326, 2328, AND/OR 2329
10	INSTALL 8" GATE VALVE AND VALVE BOX, PER COA STD. DTL. 2326, 2328
11	INSTALL FIRE HYDRANT, PER COA STD. DTL. 2340
12	INSTALL 1 1/2" SINGLE WATER SERVICE, PER COA STD. DTL. 2382

SEWER CONSTRUCTION NOTES	
ID.#	DESCRIPTION
1	CONNECT TO 8" SEWER LINE
2	INSTALL 6" DIA SEWER MANHOLE TYPE "E", PER COA STD. DTL. 2102
3	INSTALL 8" SEWER PER STD. SPEC. SEC. 901
4	INSTALL 4" SEWER PER STD. SPEC. SEC. 901
5	INSTALL 4" CAP

ABBREVIATIONS	
@	AT
COA	CITY OF ALBUQUERQUE
DWG	DRAWING
DTL	DETAIL
EL	ELEVATION
LF	LINEAR FEET
LT	LEFT
INV	INVERT
MH	MANHOLE
NO	NUMBER
RCP	REINFORCED CONCRETE PIPE
RT	RIGHT
STA	STATION
STD	STANDARD
TP	TOP OF PIPE

- NOTES:
- CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND DEPTHS PRIOR TO ANY CONSTRUCTION.
 - SEE SHEET 8 OF 11 FOR JOINT TABLE RESTRAINT REQUIREMENTS.



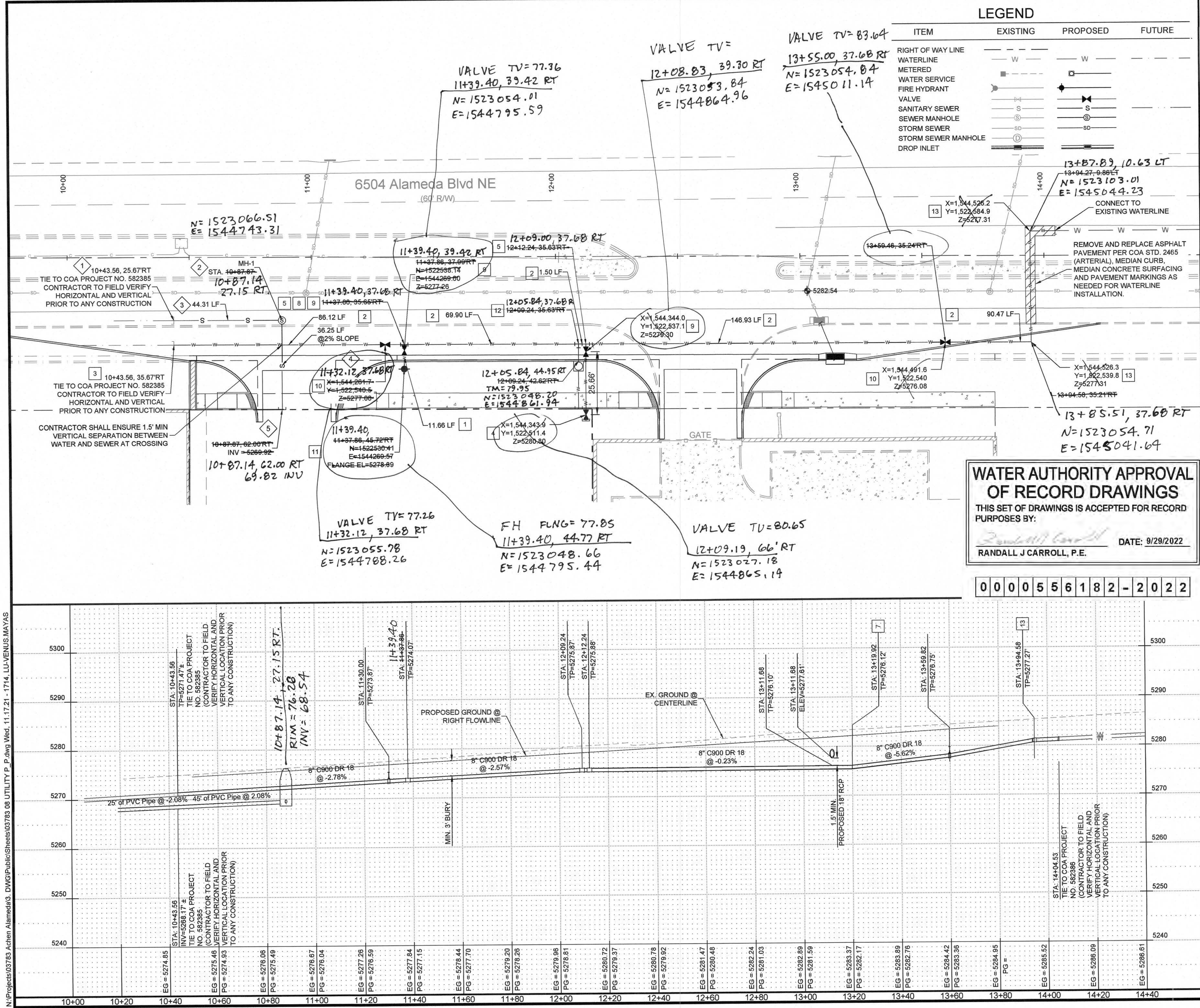
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION

ALAMEDA SELF STORAGE
ALAMEDA BLVD UTILITY PLAN & PROFILE

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

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LEGEND			
ITEM	EXISTING	PROPOSED	FUTURE
RIGHT OF WAY LINE	---	---	---
WATERLINE	---	---	---
METERED	---	---	---
WATER SERVICE	---	---	---
FIRE HYDRANT	---	---	---
VALVE	---	---	---
SANITARY SEWER	---	---	---
SEWER MANHOLE	---	---	---
STORM SEWER	---	---	---
STORM SEWER MANHOLE	---	---	---
DROP INLET	---	---	---

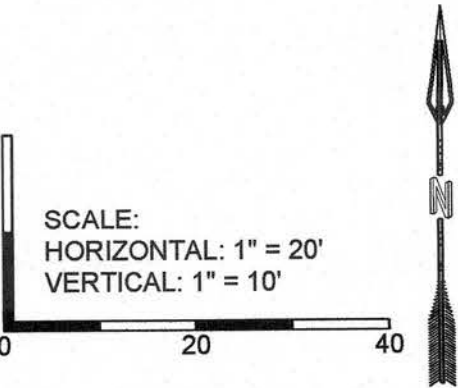
WATER CONSTRUCTION NOTES	
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1	INSTALL 6" WATERLINE PER STD. SPEC. SEC. 801
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4	INSTALL 6" CAP
5	INSTALL 8" x 6" TEE
6	NOT USED
7	INSTALL 8" VERTICAL 11.25 DEGREE BEND
8	"MEG A LUG" ALL FITTINGS AND JOINTS FROM TEE TO FIRE HYDRANT
9	INSTALL 6" GATE VALVE AND VALVE BOX, PER COA STD. DTL. 2326, 2328, AND/OR 2329
10	INSTALL 8" GATE VALVE AND VALVE BOX, PER COA STD. DTL. 2326, 2328
11	INSTALL FIRE HYDRANT, PER COA STD. DTL. 2340
12	INSTALL 1 1/2" SINGLE WATER SERVICE, PER COA STD. DTL. 2362
13	INSTALL 8" HORIZONTAL 90 DEGREE BEND

SEWER CONSTRUCTION NOTES	
ID.#	DESCRIPTION
1	CONNECT TO 8" SEWER LINE
2	INSTALL 6" DIA SEWER MANHOLE TYPE "E", PER COA STD. DTL. 2102
3	INSTALL 8" SEWER PER STD. SPEC. SEC. 901
4	INSTALL 4" SEWER PER STD. SPEC. SEC. 901
5	INSTALL 4" CAP

ABBREVIATIONS

@	COA	AT	CITY OF ALBUQUERQUE
DWG	DRAWING		
DTL	DETAIL		
EL	ELEVATION		
LF	LINEAR FEET		
LT	LEFT		
INV	INVERT		
MH	MANHOLE		
NO	NUMBER		
RCP	REINFORCED CONCRETE PIPE		
RT	RIGHT		
STA	STATION		
STD	STANDARD		
TP	TOP OF PIPE		

- NOTES:
- CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND DEPTHS PRIOR TO ANY CONSTRUCTION.
 - SEE SHEET 8 OF 11 FOR JOINT TABLE RESTRAINT REQUIREMENTS.



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

0000556182-2022

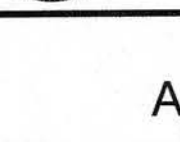


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ALBUQUERQUE, NEW MEXICO 87109
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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ENGINEERING DIVISION



ALAMEDA SELF STORAGE
ALAMEDA BLVD UTILITY PLAN & PROFILE

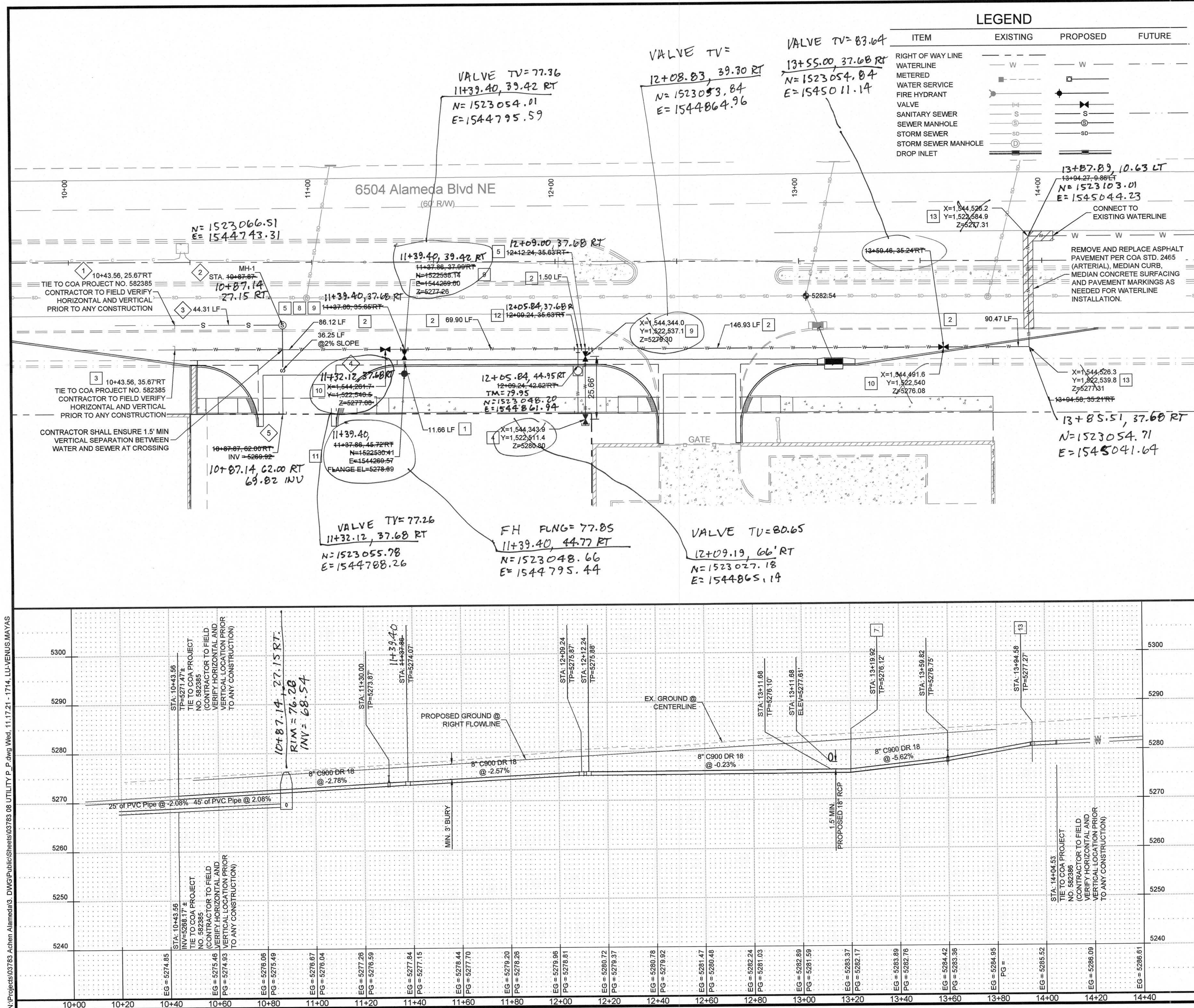


Project No. 556182

Zone Map No. C-18-Z

Sheet 9R of 11

RECORD DRAWING



WATER CONSTRUCTION NOTES	
I.D.#	DESCRIPTION
[1]	INSTALL 6" WATERLINE PER STD. SPEC. SEC. 801
[2]	INSTALL 8" WATERLINE PER STD. SPEC. SEC. 801
[3]	CONNECT NEW WATERLINE TO EXISTING WATERLINE (NON PRESSURIZED CONNECTION)
[4]	INSTALL 6" CAP
[5]	INSTALL 8" x 6" TEE
[6]	NOT USED
[7]	INSTALL 8" VERTICAL 11.25 DEGREE BEND
[8]	"MEG A LUG" ALL FITTINGS AND JOINTS FROM TEE TO FIRE HYDRANT
[9]	INSTALL 6" GATE VALVE AND VALVE BOX, PER COA STD. DTL. 2326, 2328, AND/OR 2329
[10]	INSTALL 8" GATE VALVE AND VALVE BOX, PER STD. DTL. 2326, 2328
[11]	INSTALL FIRE HYDRANT, PER COA STD. DTL. 2340
[12]	INSTALL 1 1/2" SINGLE WATER SERVICE, PER COA STD. DTL. 2362
[13]	INSTALL 8" HORIZONTAL 90 DEGREE BEND

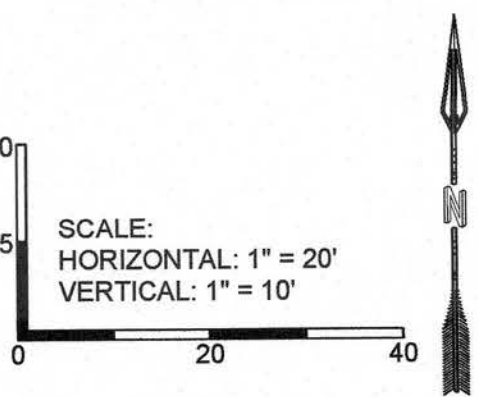
I.D.#	DESCRIPTION
1	CONNECT TO 8" SEWER LINE
2	INSTALL 6" DIA SEWER MANHOLE TYPE "E", PER COA STD. DTL 2102
3	INSTALL 8" SEWER PER STD. SPEC. SEC. 901
4	INSTALL 4" SEWER PER STD. SPEC. SEC. 901
5	INSTALL 4" CAP

ABBREVIATIONS

@	AT
COA	CITY OF ALBUQUERQUE
DWG	DRAWING
DTL	DETAIL
EL	ELEVATION
LF	LINEAR FEET
LT	LEFT
INV	INVERT
MH	MANHOLE
NO	NUMBER
RCP	REINFORCED CONCRETE PIPE
RT	RIGHT
STA	STATION
STD	STANDARD
TP	TOP OF PIPE

NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND DEPTHS PRIOR TO ANY CONSTRUCTION.
2. SEE SHEET 8 OF 11 FOR JOINT TABLE RESTRAINT REQUIREMENTS.



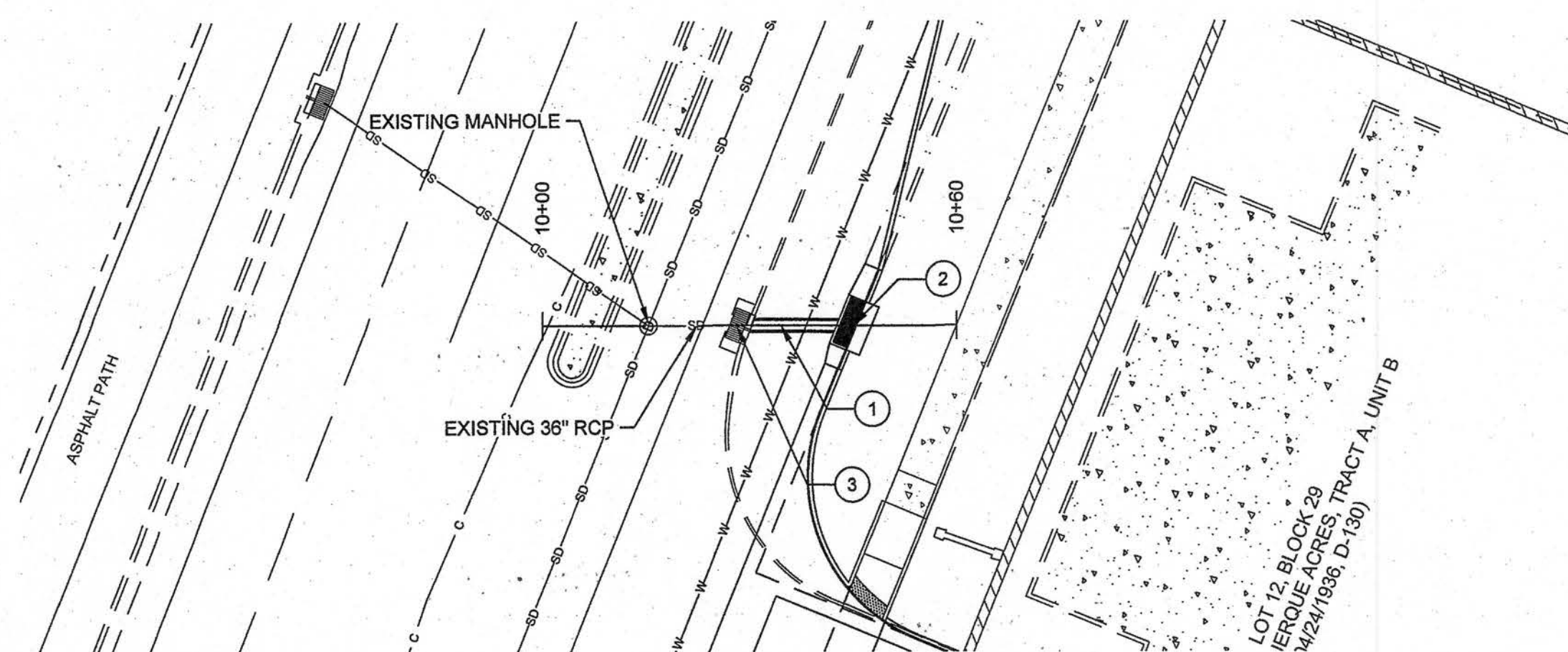
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ENGINEERING DIVISION

ALAMEDA SELF STORAGE
ALAMEDA BLVD UTILITY PLAN & PROFILE[illegible]

Project No. 556182 Zone Map No. C-18-Z Sheet 9R of 11



LEGEND			
ITEM	EXISTING	PROPOSED	FUTURE
RIGHT OF WAY LINE			
WATERLINE			
METERED			
WATER SERVICE			
FIRE HYDRANT			
VALVE			
SANITARY SEWER			
SEWER MANHOLE			
STORM SEWER			
STORM SEWER MANHOLE			
DROP INLET			

STORM DRAIN CONSTRUCTION NOTES	
I.D.#	DESCRIPTION
1	INSTALL 18" RCP STORM DRAIN
2	INSTALL TYPE "C" CATCH BASIN DOUBLE RATE PER COA STD. DTL 2205
3	CONVERT EXISTING DOW INLET TO JUNCTION BOX. INSTALL ACCESS LID. SEE DETAIL SHEET 11.

ABBREVIATIONS

@	AT
COA	CITY OF ALBUQUERQUE
DWG	DRAWING
DTL	DETAIL
DI	DROP INLET
EL	ELEVATION
LF	LINEAR FEET
LT	LEFT
INV	INVERT
MH	MANHOLE
NO	NUMBER
RCP	REINFORCED CONCRETE PIPE
RT	RIGHT
STA	STATION
STD	STANDARD
TP	TOP OF PIPE
TBC	TOP BACK CURB

NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND DEPTHS PRIOR TO ANY CONSTRUCTION.
2. SEE SHEET 8 OF 11 FOR JOINT TABLE RESTRAINT REQUIREMENTS.

		ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION		
				FIELD NOTES						
				NO.	BY	DATE				
							ACS STATION "9, C18"		CONTRACTOR <i>SUNDANBLE</i>	
							N 1,521,497.624, E 1,542,301.428		DRAWN BY <i>ALS</i>	
							(NAD 83 - 1992) ELEV. 5,232.47 (NAVD 88)		STAMPED BY <i>ALS</i>	
							STANDARD COA MONUMENT STAMPED		INSPECTED BY <i>ALS</i>	
							"9-C18 1988" LOCATED 7.75 MILES NE OF		FIELD	
							DOWNTOWN ALBUQUERQUE		VERIFICATION BY <i>ALS</i>	
							GO WEST ON WILSHIRE AVE. 0.5 MILE TO		DATE <i>6/22</i>	
							SAN PEDRO BLVD. AND THE ON THE LEFT		CORRECTED BY <i>ALS</i>	
									DATE <i>7/22</i>	
									MICRO-FILM INFORMATION	
									RECORDED BY	
									DATE	
									No.	

DESIGNED BY: JWS

DATE: JUL 2020

DRAWN BY: JMT

DATE: JUL 2020

REVISIONS

RESPEC DESIGN

NO. DATE

REMARKS

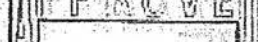
BY

DATE: JUL 2020

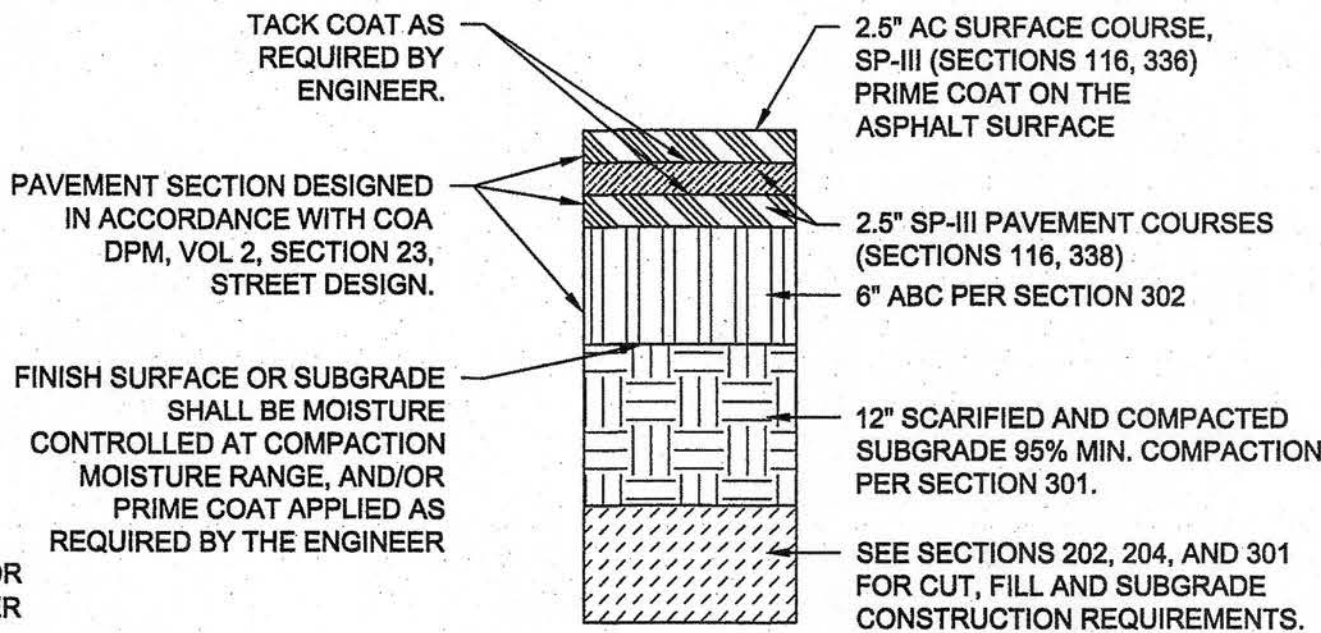
DATE: JUL 2020

Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

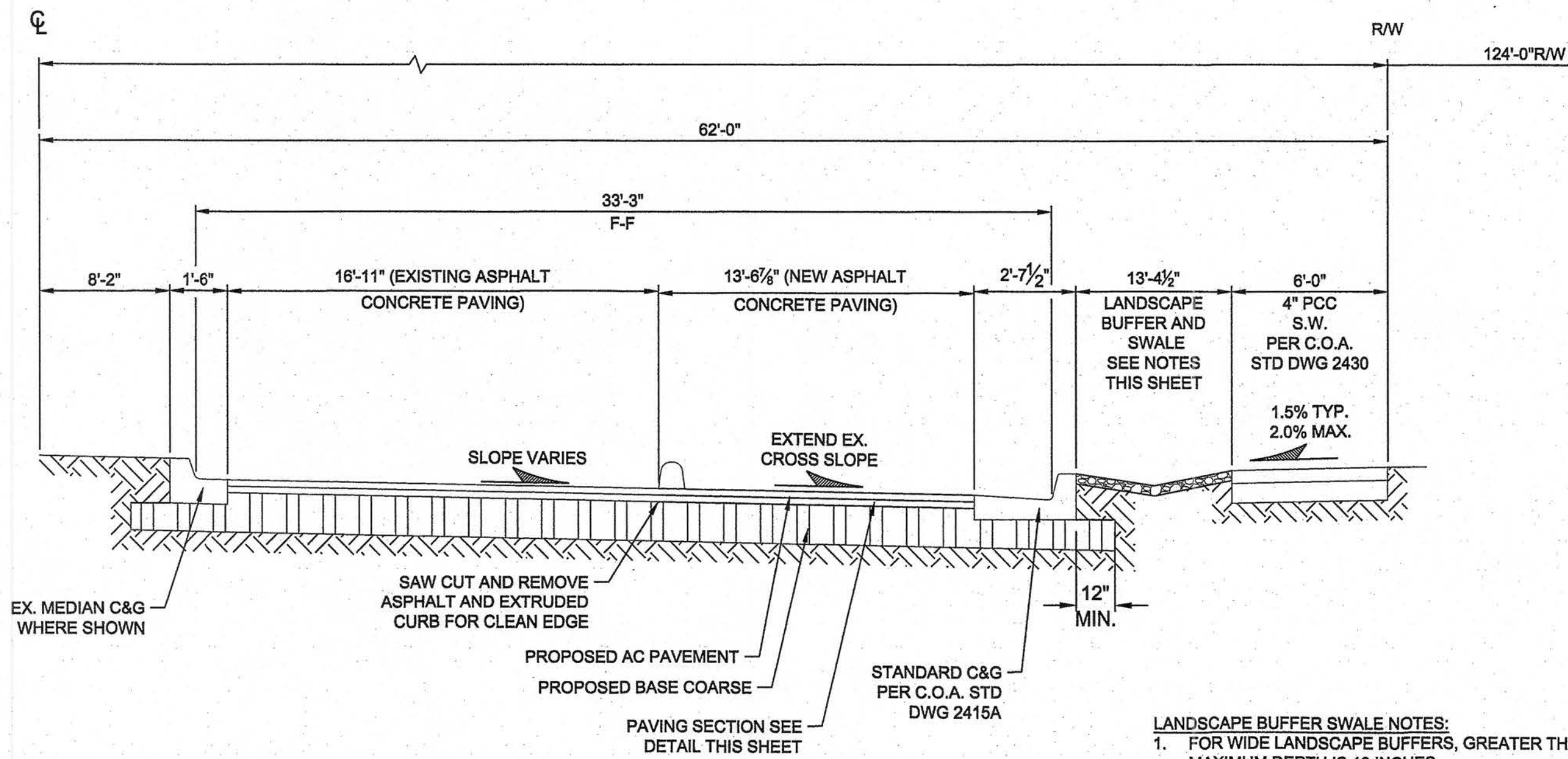
Sheet 10 of 11

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
				
Project No.	Zone Map No.	Sheet	of	
556182	C-18-Z	10	11	

PAVING NOTE:
1" SUBGRADE SOIL R-VALUE>50.
PLACED IN 2-6" COMPACTED LIFTS.
95% MIN. COMPACTION, AT OPT.
MOISTURE ± 2.0%, ASTM D1557, OR
OPT. MOISTURE, TO +4%, ASTM D698
FOR SOIL W/ 35% OR MORE MATERIAL
PASSING THE NO. 200 SIEVE.
SOIL NOT HAVING THE MIN. R-VALUE OF
50, SHALL BE REMOVED TO A DEPTH OF
2 FEET AND REPLACED BY THE CONTRACTOR
WITH SUITABLE MATERIAL OR A R-VALUE PER
C.O.A. STANDARD SPECIFICATIONS.

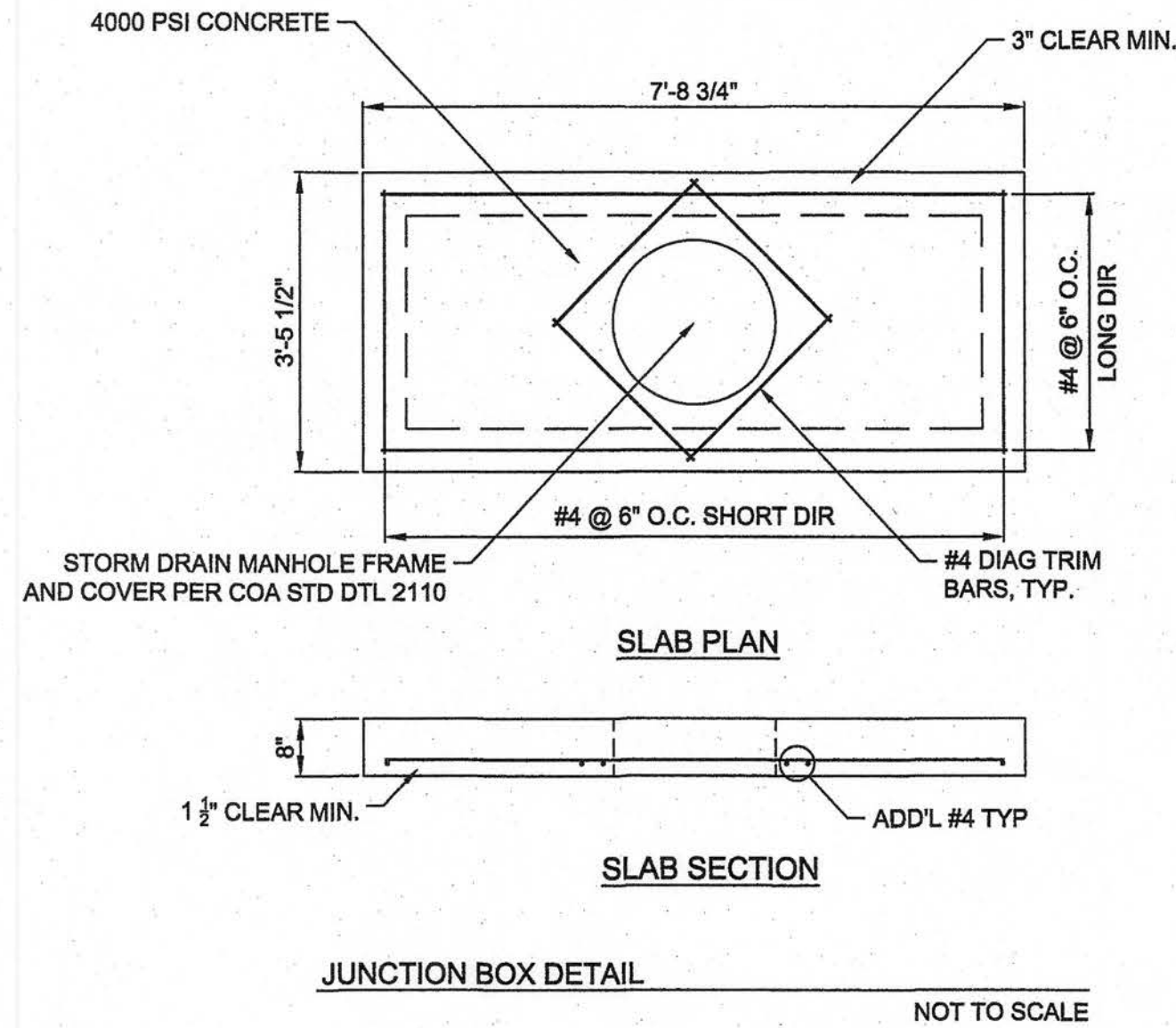


ARTERIAL/COLLECTOR FLEXIBLE PAVEMENT SECTION
NOT TO SCALE

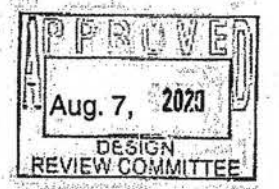
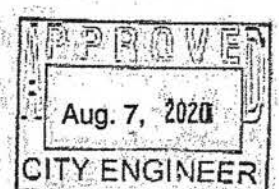


TYPICAL SECTION
NOT TO SCALE

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



NOTE: REMOVE TOP OF EXISTING INLET.
TURN DOWN REBAR AT EDGES OF NEW
CONCRETE SLAB AND DOWEL INTO EXISTING
INLET WITH 6" EMBEDMENT MIN.

 RESPEC 5971 JEFFERSON STREET SUITE 101 ALBUQUERQUE, NEW MEXICO 87109 WATER & NATURAL RESOURCES WWW.RESPEC.COM PHONE: (505)253-9718		 CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION	
ALAMEDA SELF STORAGE MISCELLANEOUS DETAILS		DESIGN REVIEW COMMITTEE  Aug. 7, 2020	
CITY ENGINEER APPROVAL  Aug. 7, 2020		DESIGNED BY: JWS DRAWN BY: JMT CHECKED BY: SEG	
Project No. 556182		Zone Map No. C-18-Z	
Sheet 11 of 11		Mo./Day/Yr.	