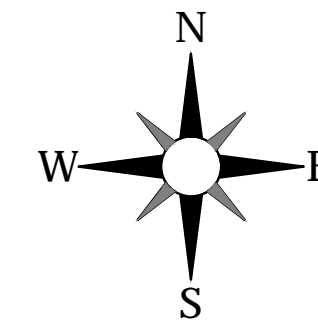
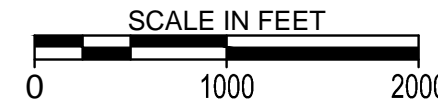




PROJECT LOCATION

CITY OF ALBUQUERQUE

LOCATION MAP



CIVIL PLAN ABBREVIATIONS:

AC	ACRE	CI	CONTROL JOINT	EOF	EMERGENCY OVERFLOW	GL	GUTTER LINE	IPS	IRON PIPE SIZE	NWL	NORMAL WATER LEVEL	RCP	REINFORCED CONCRETE PIPE	THRU	THROUGH
ADA	AMERICANS WITH DISABILITIES ACT	CL	CENTERLINE	EQ	EQUAL	GPM	GALLONS PER MINUTE	J-BOX	JUNCTION BOX	OC	ON CENTER	RD	ROOF DRAIN	TNFB	TOP NUT OF FIRE HYDRANT
ADD	ADDENDUM	CMP	CORRUGATED METAL PIPE	EX	EXISTING	GV	GATE VALVE	JT	JOINT	OCEW	ON CENTER EACH WAY	REBAR	REINFORCING BAR	TRANS	TRANSFORMER
AFF	ABOVE FINISHED FLOOR	CO	CLEANOUT	FDC	FIRE DEPARTMENT CONNECTION	HDPE	HIGH DENSITY POLYETHYLENE	LF	LINEAR FEET	OH	OVERHEAD	REM	REMOVE	TV	TELEVISION
AGG	AGGREGATE	CONC	CONCRETE	FDN	FOUNDATION	HD	HEAVY DUTY	LIN	LINEAR	OHD	OVERHEAD DOOR	ROW	RIGHT OF WAY	T/W	TOP OF WALL
APPROX	APPROXIMATE	CONST	CONSTRUCTION	FES	FLARED END SECTION	HH	HANDHOLE	LPS	LOW PRESSURE STEAM	OZ	OUNCE	R/W	RIGHT OF WAY	TYP	TYPICAL
ARCH	ARCHITECT, ARCHITECTURAL	CONT	CONTINUOUS	FFE	FINISHED FLOOR ELEVATION	HORIZ	HORIZONTAL	LS	LUMP SUM	PED	PEDESTAL, PEDESTRIAN	SAN	SANITARY	UT	UTILITY, UNDERGROUND
BFE	BASEMENT FLOOR ELEVATION	CY	CUBIC YARD	FPM	FEET PER MINUTE	HR	HOUR	LSO	LOWEST STRUCTURAL OPENING	PERF	PERFORATED	SCH	SCHEDULE	UT	UTILITY, UNDERGROUND
BIT	BITUMINOUS	C&G	CURBS AND GUTTER	FPS	FEET PER SECOND	HWL	HIGH WATER LEVEL	MAX	MAXIMUM	PL	PROPERTY LINE	SF	SQUARE FOOT	VCP	VITRIFIED CLAY PIPE
CAD	COMPUTER-AIDED DESIGN	DEMO	DEMOLITION	FT	FOOT, FEET	HWY	HIGHWAY	MB	MAIL BOX	PP	POLYPROPYLENE	SPEC	SPECIFICATION	W/O	WITHOUT
CB	CATCH BASIN	DIA	DIAMETER	FTG	FOOTING	HYD	HYDRANT	MECH	MECHANICAL	PSI	POUNDS PER SQUARE INCH	SQ	SQUARE	W/	WITH
CFS	CUBIC FEET PER SECOND	DIM	DIMENSION	GA	GAUGE	I	INVERT	MH	MANHOLE	PVC	POLYVINYL CHLORIDE	STA	STATION	YD	YARD
CF	CLUBIC FOOT	DS	DOWNSPOUT	GAL	GALLON	ID	INSIDE DIAMETER	MIN	MINIMUM	PVMT	PAVEMENT	SY	SQUARE YARD	YR	YEAR
CI	CAST IRON	EA	EACH	GALV	GALVANIZED	IN	INCH	QTY	QUANTITY	MISC	MISCELLANEOUS	T/C	TOP OF CURB		
CIP	CAST IRON PIPE	ELEC	ELECTRICAL	GC	GENERAL CONTRACTOR	INV	INVERT	NO	NUMBER	R	RIM	TEL	TELEPHONE		
CIPC	CAST IN PLACE CONCRETE	ELEV	ELEVATION	GFE	GARAGE FLOOR ELEVATION	IP	IRON PIPE	NTS	NOT TO SCALE	RAD	RADIUS	TEMP	TEMPORARY		

PROJECT BACKGROUND - IDO ZONE DISTRICT NR-LM, WITHIN CPO-10 NORTH I-25 OVERLAY

- Clarify in detail how all Use Specific standards for Self-Storage, Light/Heavy Vehicle & Equipment sales, rental, fueling, and repair are being met. See IDO 4-3 and reference each use specific-standards and how they are met.
ISG Response: Please see the applications sections of the IDO copied below with our responses to each requirement on how the proposed site is compliant.
- 4-3(D)(17) Heavy Vehicle and Equipment Sales, Rental, Fueling, and Repair
 - 4-3(D)(17)(a) This use must comply with stormwater quality requirements found in the DPM.
ISG Response: This use complies with stormwater quality requirements found in the DPM. The grading and drainage plans along with stormwater design for this project has been approved by city staff.
 - 4-3(D)(17)(b) The lot must be graded and surfaced pursuant to DPM standards and shall be maintained in a level and serviceable condition.
ISG Response: We have created a site grading and erosion control plan and will acquire all applicable permits needed and grad the site to development standards.
 - 4-3(D)(17)(c) This use must be screened as required by Subsection 14-16-5-6(G)(4) (Outdoor Storage Areas for Vehicles, Equipment, and Materials). The Planning Director may require a taller wall, fence, or vegetative screen to provide an adequate buffer for an abutting Residential zone district or lot containing a residential use in any Mixed-use zone district from the reasonably anticipated visual or noise impacts of this use.
ISG Response: Not applicable as no adjacent site contains a residential use.
 - 4-3(D)(17)(d) For fueling station canopies, all under-canopy lighting shall be recessed so that no light lens projects below the canopy ceiling. The canopy fascia shall not be internally illuminated.
ISG Response: No fueling station canopies are proposed on this project.
 - 4-3(D)(17)(e) Vehicle repair, servicing, and maintenance shall be conducted within fully enclosed portions of a building.
ISG Response: No vehicle repair, servicing or maintenance are proposed as a use on this project.
 - 4-3(D)(17)(f) Any building that contains vehicle repair, servicing, and maintenance is prohibited within 25 feet in any direction of any Residential zone district or lot containing a residential use in any Mixed-use zone district.
ISG Response: This site is over 25-ft of any residential use in any direction.
 - 4-3(D)(17)(g) If located within 330 feet of any Residential zone district, this use shall require a Conditional Use Approval pursuant to Subsections 14-16-5-2(E) and 14-16-6-6(A).
ISG Response: This is not applicable as the closest residential property is a little over 500-ft away from the closest edge of the subject site.
 - 4-3(D)(17)(h) This use is prohibited within 330 feet in any direction of Major Public Open Space.
ISG Response: Not applicable as the site is not within 330-ft of any major public open space.
 - 4-3(D)(17)(i) A cumulative impacts analysis may be required at the time of application submittal for projects within the Railroad and Spur Small Area, pursuant to Subsections 14-16-5-2(E) (Cumulative Impacts) and 14-16-6-4(H) (Cumulative Impacts Analysis Requirements).
ISG Response: Not applicable as the site is not within this area.

- 4-3(D)(29) Self-storage
 - 4-3(D)(29)(a) All storage shall be within fully enclosed portions of a building.
ISG Response: Site programs with this requirement as all buildings provide fully enclosed storage units.
 - 4-3(D)(29)(b) Security fencing shall not include razor wire or barbed wire.
ISG Response: Fencing does not include razor wire or barbed wire.
 - 4-3(D)(29)(c) Abutting any Residential zone district or lot containing a residential use in any Mixed-use zone district, an opaque wall or fence at least 6 feet and no more than 8 feet high or a landscape buffer at least 50 feet wide shall be provided along the abutting lot line.
ISG Response: This is not applicable as the closest residential property is a little over 500-ft away from the closest edge of the subject site.
 - 4-3(D)(29)(d) Within 100 feet in any direction of any Residential zone district or lot containing a residential use in any Mixed-use zone district, public access to any storage units is prohibited between 10:00 P.M. and 7:00 A.M.
ISG Response: This is not applicable as the closest residential property is a little over 500-ft away from the closest edge of the subject site.
 - 4-3(D)(29)(e) Within 200 feet in any direction of any Residential zone district, internal lighting that is visible from the property line shall not exceed the maximum light trespass values listed in Table 5-8-3 for lighting designation L21 during the outdoor lighting curfew.
ISG Response: This is not applicable as the closest residential property is a little over 500-ft away from the closest edge of the subject site.
 - 4-3(D)(29)(f) In the MX-L, MX-M, MX-H, and MX-FB zone districts, and on lots in the NR-C zone district within a UC-AC-MS-PT area, access to individual storage units shall be through interior corridors; direct access to individual units from outdoor areas is not allowed.
ISG Response: This is not applicable as the property is zoned NR-LM.
 - 4-3(D)(29)(g) In the NR-C zone district outside of UC-AC-MS-PT areas, exterior doors to individual storage units shall not face any abutting street frontage, or, if the site is located on a corner lot, shall not face the primary street frontage.
ISG Response: This is not applicable as the property is zoned NR-LM.
- An outdoor seating area is required for a primary building(s) more than 30,000 s.f.
ISG Response: This is located in the NE corner of the proposed 3-story building shown on Sheet C3-10.

PROJECT ADDRESS:
8200 JEFFERSON STREET NE
ALBUQUERQUE, NM

SITE SUMMARY

ZONING:	NR-LM
HEAVY VEHICLE AND EQUIPMENT RENTAL AREA:	4,603 SF
SELF-STORAGE BUILDING SELF-STORAGE AREA:	117,826 SF
U-BOX BUILDING SELF-STORAGE AREA:	23,367 SF
MINI-STORAGE BUILDING SELF-STORAGE AREA:	11,600 SF

PARKING REQUIREMENTS (PER ALBUQUERQUE IDO)

TYPE	UNIT / AREA	STALLS REQUIRED	STALLS PROVIDED
HEAVY VEHICLE AND EQUIPMENT RENTAL:	1 / 1,000 SF GFA	5 SPACES (4,603 / 1000 = 4.6)	5
SELF-STORAGE AREA:	1 / 3,000 SF GFA	50 SPACES (150,618 / 3,000 = 50.2)	50
ADA (ACCESSIBLE):		3 SPACES FOR 51-75 SPACES	3
BICYCLE:		3 SPACES OR 10% OF REQ. OFF-STREET PARKING SPACES, WHICHEVER IS GREATER (55 * 10% = 5.5)	3
MOTORCYCLE:		3 SPACES FOR 51-100 REQ. OFF-STREET PARKING SPACES	6
TOTAL:		55	55

SETBACKS

	BUILDING
FRONT YARD	15'-0"
SIDE YARD	5'-0"
REAR YARD	15'-0"

PROJECT GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT/ENGINEER.
- CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN, WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERRECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
- THE LOCATION AND TYPE OF ALL INPLACE UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG). NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS AND ELEVATIONS OF ALL INPLACE UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
- THE CONTRACTOR IS TO CONTACT "NEW MEXICO ONE CALL" FOR UTILITY LOCATIONS, MINIMUM 2 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION (811).

SPECIFICATIONS REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE CITY OF ALBUQUERQUE REQUIREMENTS.

PROJECT DATUM

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), ON THE NEW MEXICO STATE PLANE, CENTRAL ZONE IN U.S. SURVEY FEET AS MEASURED ALONG THE NORTHWEST LINE OF THE SUBJECT PROPERTY WHICH BEARS N 17°16'54" E PER GPS COORDINATE OBSERVATIONS.
LATITUDE = 35°10'35.9250"
LONGITUDE = -106°35'34.8662"
CONVERGENCE ANGLE = 00°11'51.4113"

ELEVATIONS HAVE BEEN REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ELEVATIONS ESTABLISHED WITH GPS STATIC OBSERVATIONS WITH ORIGINATING BENCHMARK CITY OF ALBUQUERQUE VERTICAL CONTROL MONUMENT G-442.
RTK GPS METHODS WERE USED TO ESTABLISH HORIZONTAL AND VERTICAL COORDINATES FOR THIS PROJECT.

TOPOGRAPHIC SURVEY

THIS PROJECT'S TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED IN NOVEMBER 2021 BY BLEW & ASSOCIATES, PA (479-443-4506)

B.M. ELEVATION= 5127.87
ALUMINIUM CAP "NM DOT" (ADJACENT TO PASEO DEL NORTE IN SW CORNER OF LOT)
N: 1519065.87 / E: 1538067.67

LEGEND

EXISTING	
---	CITY LIMITS
---	SECTION LINE
---	QUARTER SECTION LINE
---	RIGHT OF WAY LINE
---	PROPERTY / LOTLINE
---	EASEMENT LINE
Δ	ACCESS CONTROL
W	WATER EDGE
WET	WETLAND BOUNDARY
WETLAND	WETLAND / MARSH
X	FENCE LINE
X	CULVERT
<<	STORM SEWER
<<	SANITARY SEWER
<<	SANITARY SEWER FORCEMAIN
I	WATER
G	GAS
OE	OVERHEAD ELECTRIC
UE	UNDERGROUND ELECTRIC
UT	UNDERGROUND TELEPHONE
UTV	UNDERGROUND TV
OHL	OVERHEAD UTILITY
UTL	UNDERGROUND UTILITY
FBO	UNDERGROUND FIBER OPTIC
990	CONTOUR (MAJOR)
989	CONTOUR (MINOR)
○	DECIDUOUS TREE
★	CONIFEROUS TREE
○	TREE LINE
○	MANHOLE/STRUCTURE
○	CATCH BASIN
○	HYDRANT
○	VALVE
○	CURB STOP
○	POWER POLE
○	UTILITY PEDESTAL / CABINET

PROPOSED	
---	LOT LINE
---	RIGHT OF WAY
---	EASEMENT
---	CULVERT
---	STORM SEWER
---	STORM SEWER (PIPE WIDTH)
---	SANITARY SEWER
---	SANITARY SEWER (PIPE WIDTH)
---	WATER
---	GAS
---	OVERHEAD ELECTRIC
---	UNDERGROUND ELECTRIC
---	UNDERGROUND TV
---	CONTOUR
1015	MANHOLE (STORM, SANITARY)
○	CATCH BASIN
○	HYDRANT
○	VALVE

CIVIL SHEET INDEX

C0-10	SITE DATA
C0-20	SITE DETAILS
C0-21	SITE DETAILS
C0-22	SITE DETAILS
C0-23	SITE DETAILS
C1-10	SWPPP NOTES
C1-20	SWPPP DETAILS
C1-30	PRE-CONSTRUCTION SWPPP
C1-40	PROPOSED SWPPP
C2-10	EXISTING SITE AND REMOVAL PLAN
C3-10	SITE PLAN
C3-20	UTILITY PLAN
C3-21	UTILITY PROFILES AND SCHEDULES
C4-10	GRADING PLAN
C4-11	DETAILED GRADING PLAN
C4-12	DETAILED GRADING PLAN
C4-13	DETAILED GRADING PLAN
C5-10	ALTERNATIVE RESTORATION PLAN
C5-11	ALTERNATIVE PLANTING PLAN
C5-30	PLANTING NOTES AND DETAILS
C6-10	SITE PHOTOMETRIC

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	10/30/2024	ARA	CITY SUBMITTAL #1
2	08/20/2025	ARA	CITY SUBMITTAL #3
3	10/22/2025	ARA	CITY SUBMITTAL #4
4	12/20/2025	ARA	CITY SUBMITTAL #5
5			
6			
7			
8			

PROFESSIONAL SEAL:



12/03/2025



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PROJECT

U-HAUL
PR-2023-008710
SI-2025-00082

ALBUQUERQUE NEW MEXICO

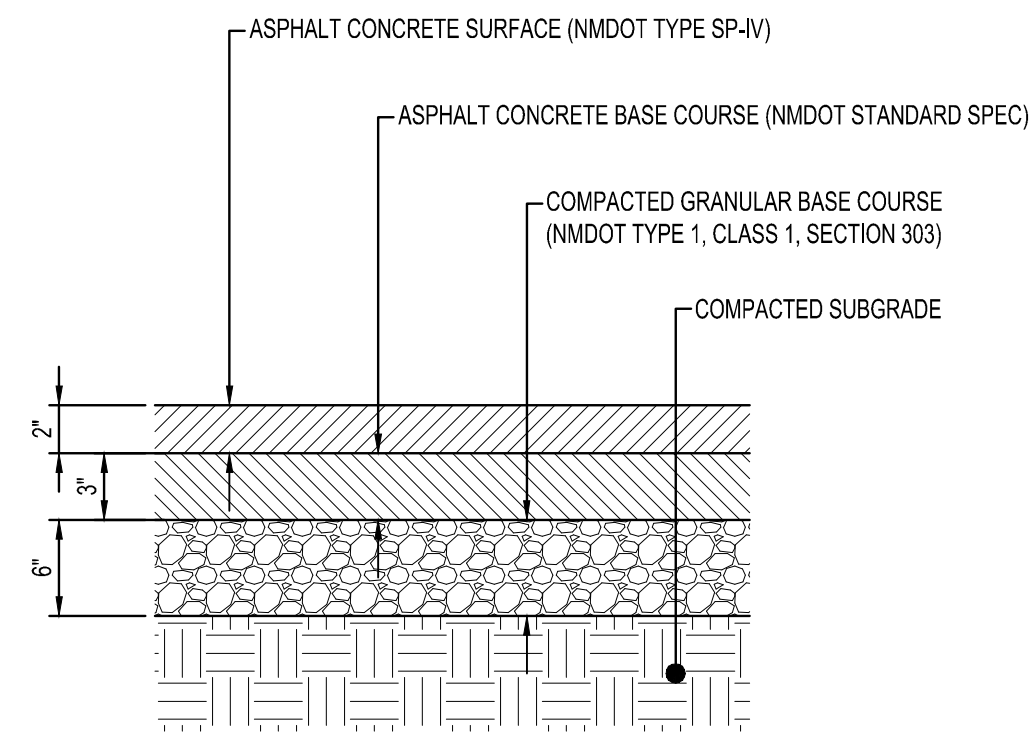
SITE ADDRESS:
U-Haul Moving & Storage
8200 JEFFERSON ST

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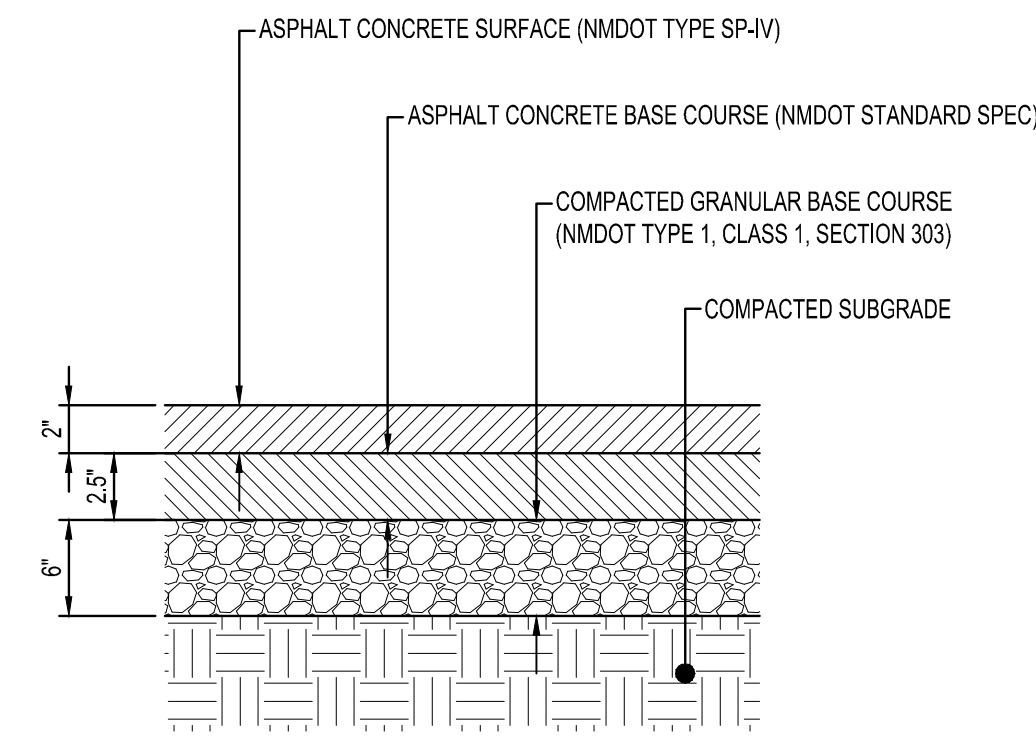
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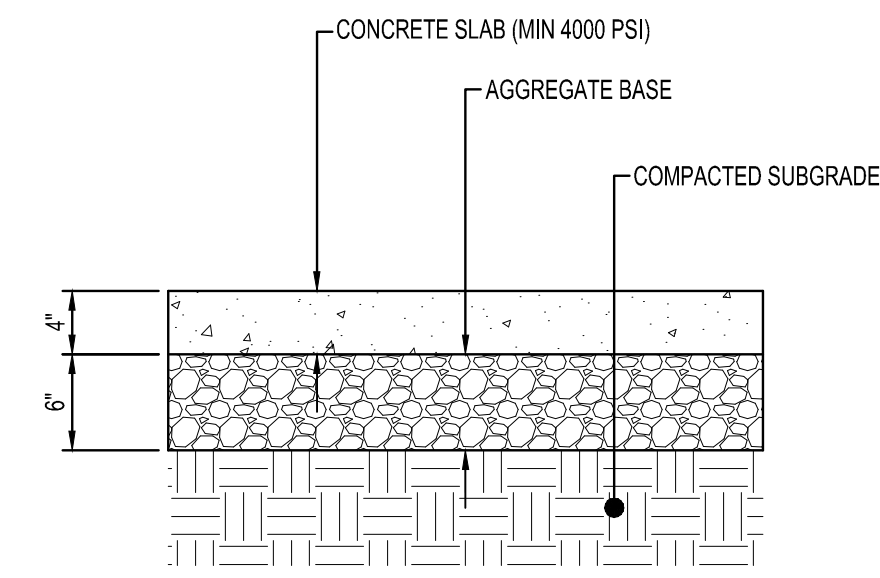
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CHECKED:	ARA	CO-10
DATE:	12/03/25	
CO-TITLE		



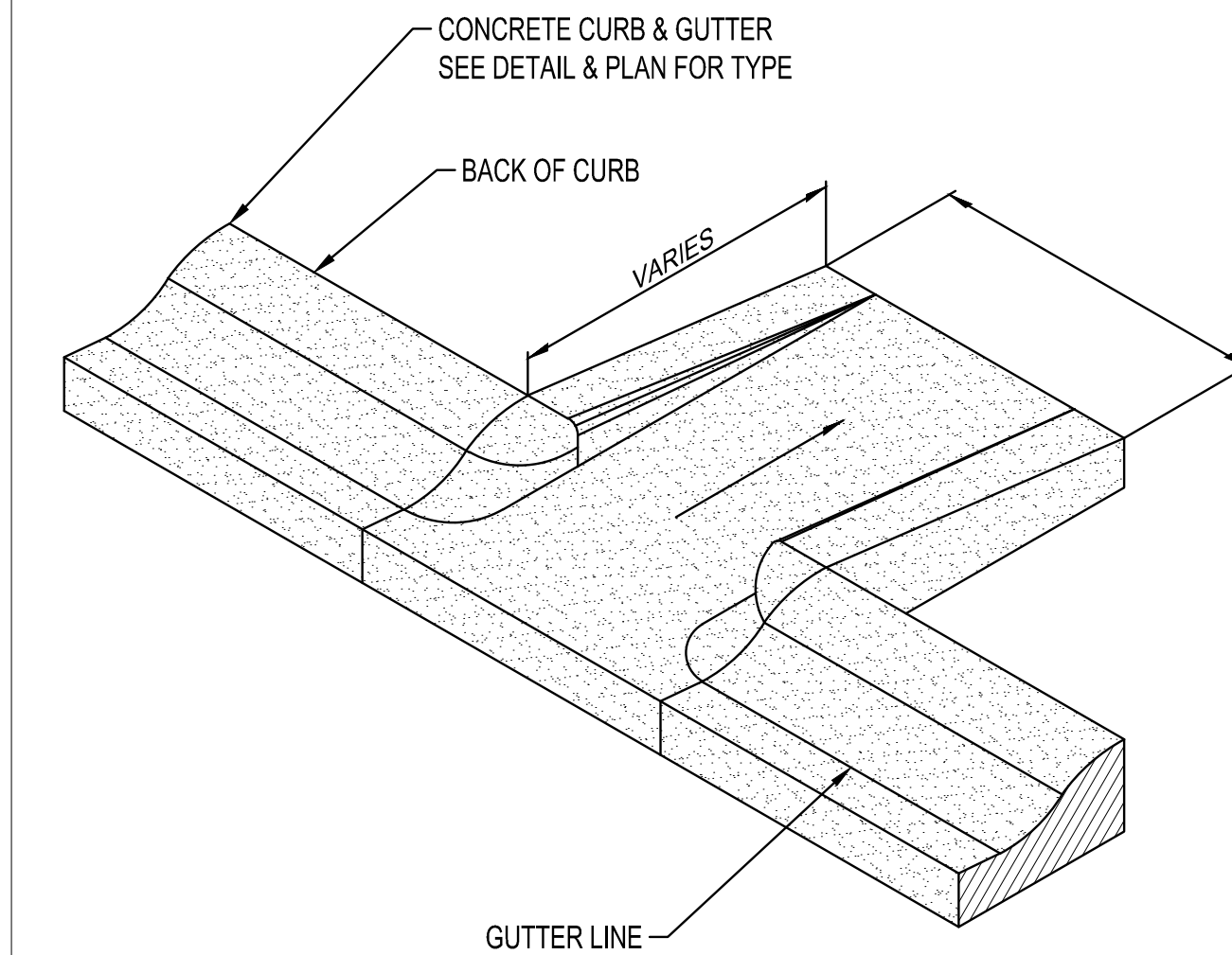
**HEAVY DUTY
ASPHALT PAVEMENT**
NTS



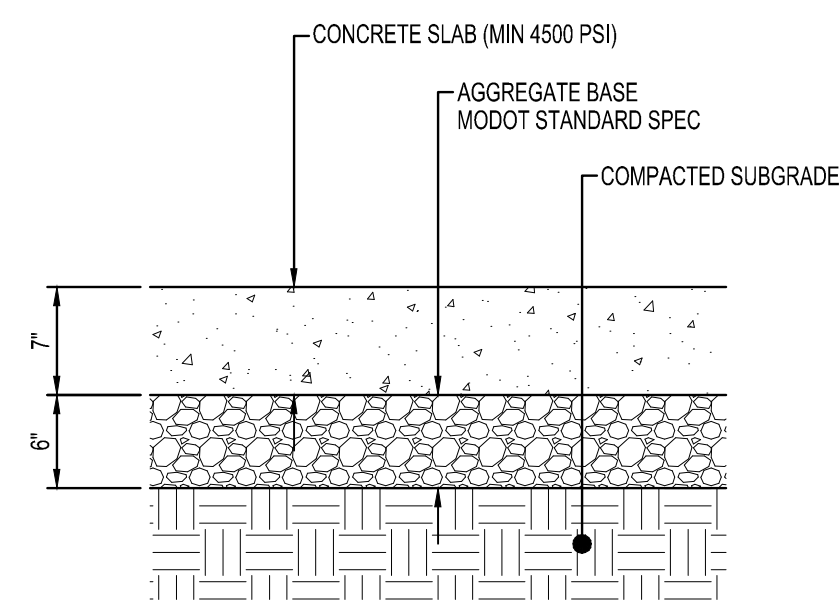
**STANDARD
ASPHALT PAVEMENT**
NTS



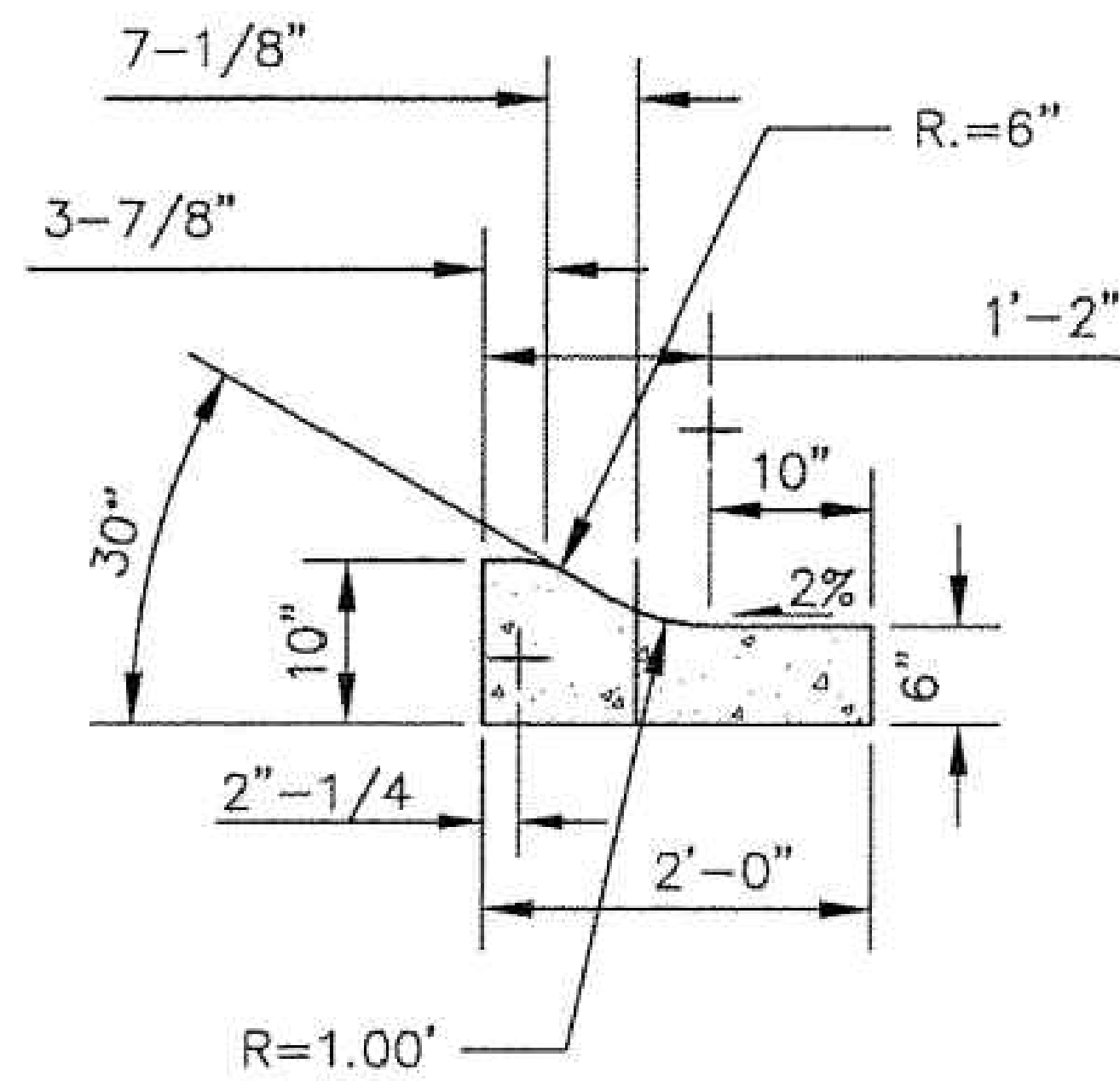
CONCRETE SIDEWALK
NTS



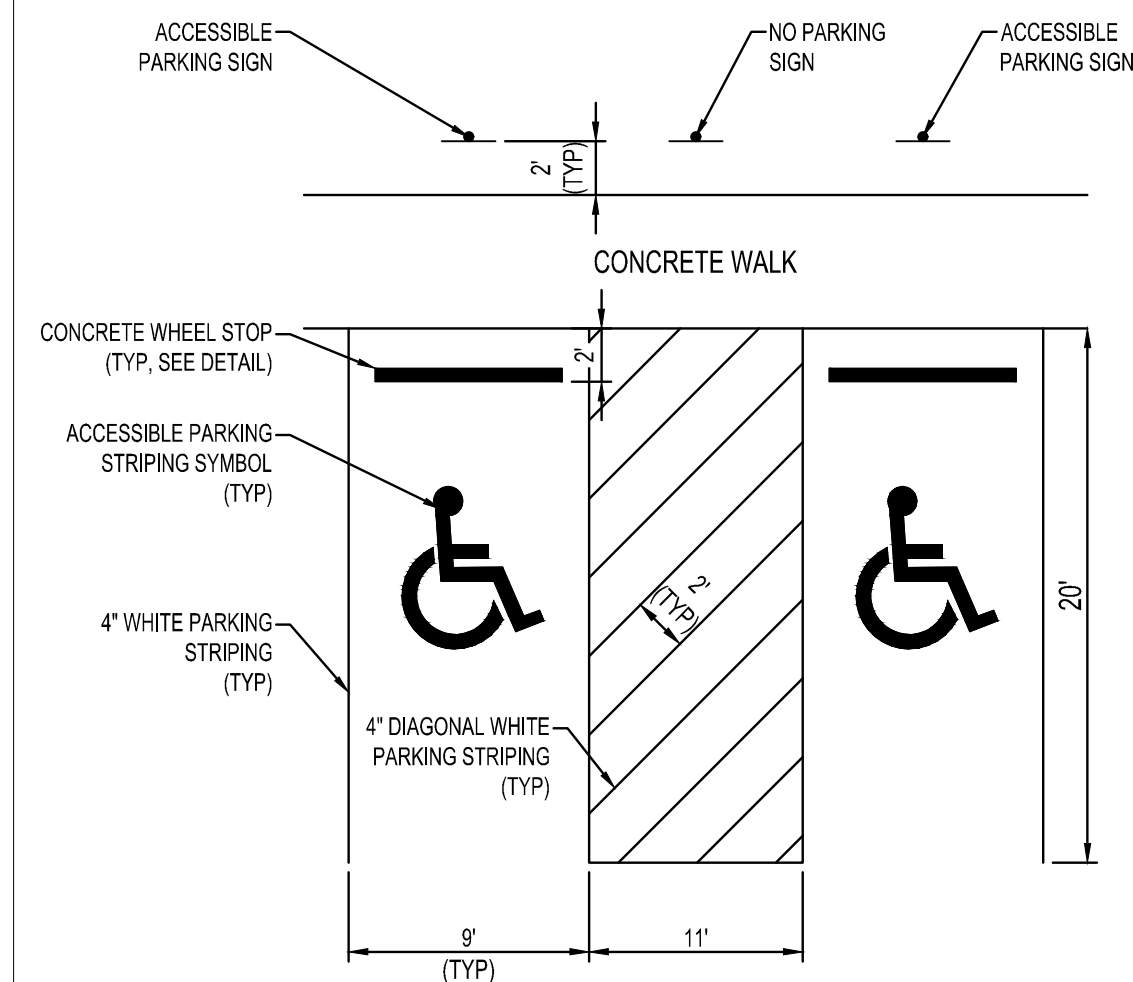
FLUME CURB CUT
NTS



**STANDARD
CONCRETE PAVEMENT**
NTS



4" CONCRETE ROLLED CURB
NTS



ACCESSIBLE PARKING AREA
NTS

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	10/02/2024	ARA	CITY SUBMITTAL #1
2	09/26/2025	ARA	CITY SUBMITTAL #3
3	10/22/2025	ARA	CITY SUBMITTAL #4
4	12/03/2025	ARA	CITY SUBMITTAL #4
5			
6			
7			
8			

PROFESSIONAL SEAL:



12/03/2025

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PROJECT

U-HAUL
PR-2023-008710
SI-2025-00082

ALBUQUERQUE NEW MEXICO

SITE ADDRESS:
U-Haul Moving & Storage
8200 JEFFERSON ST

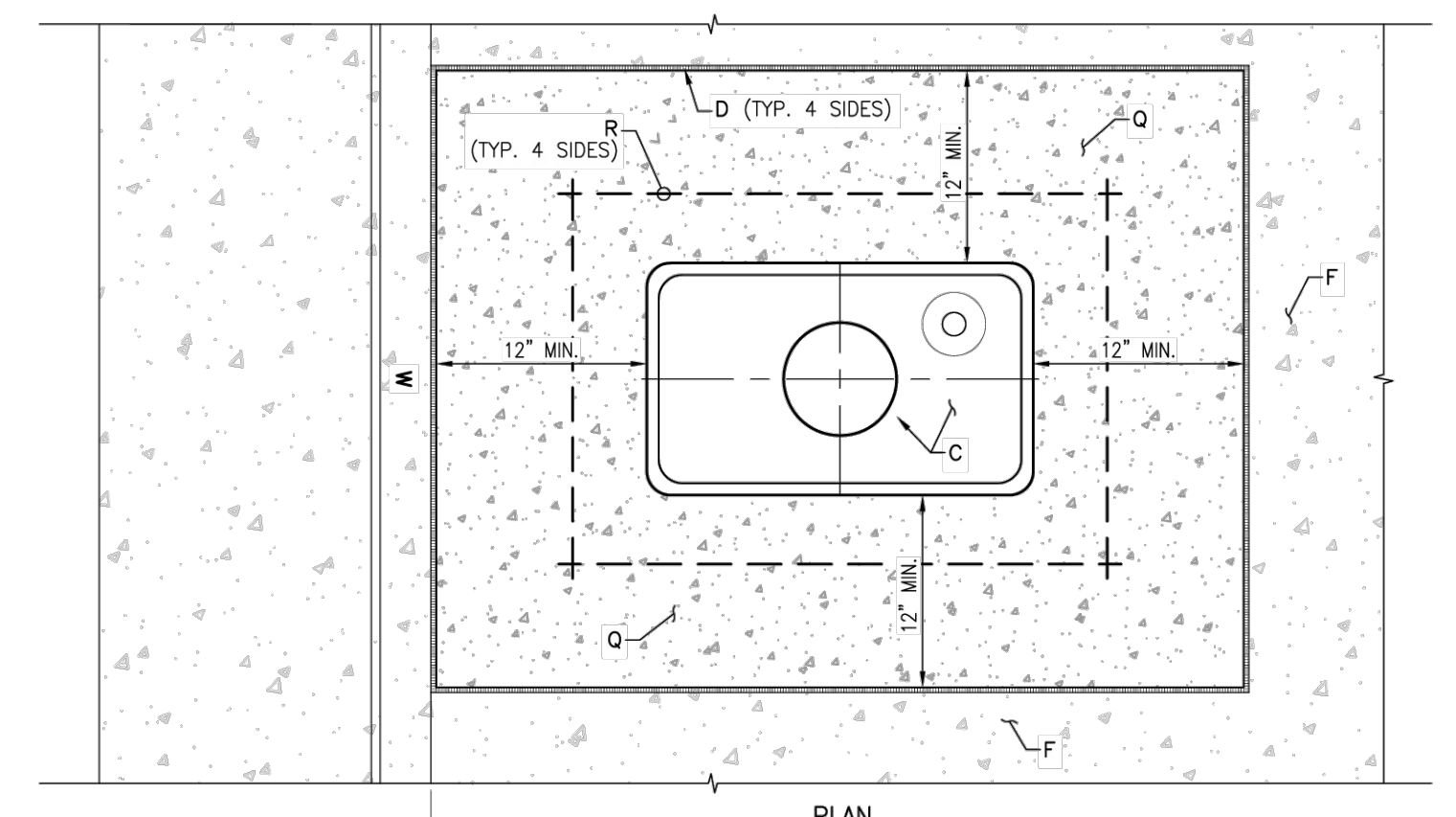
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SITE DETAILS

824071

DRAWN:	GBV
CHECKED:	ARA C0-20
DATE:	12/03/25

C0-DETAILS



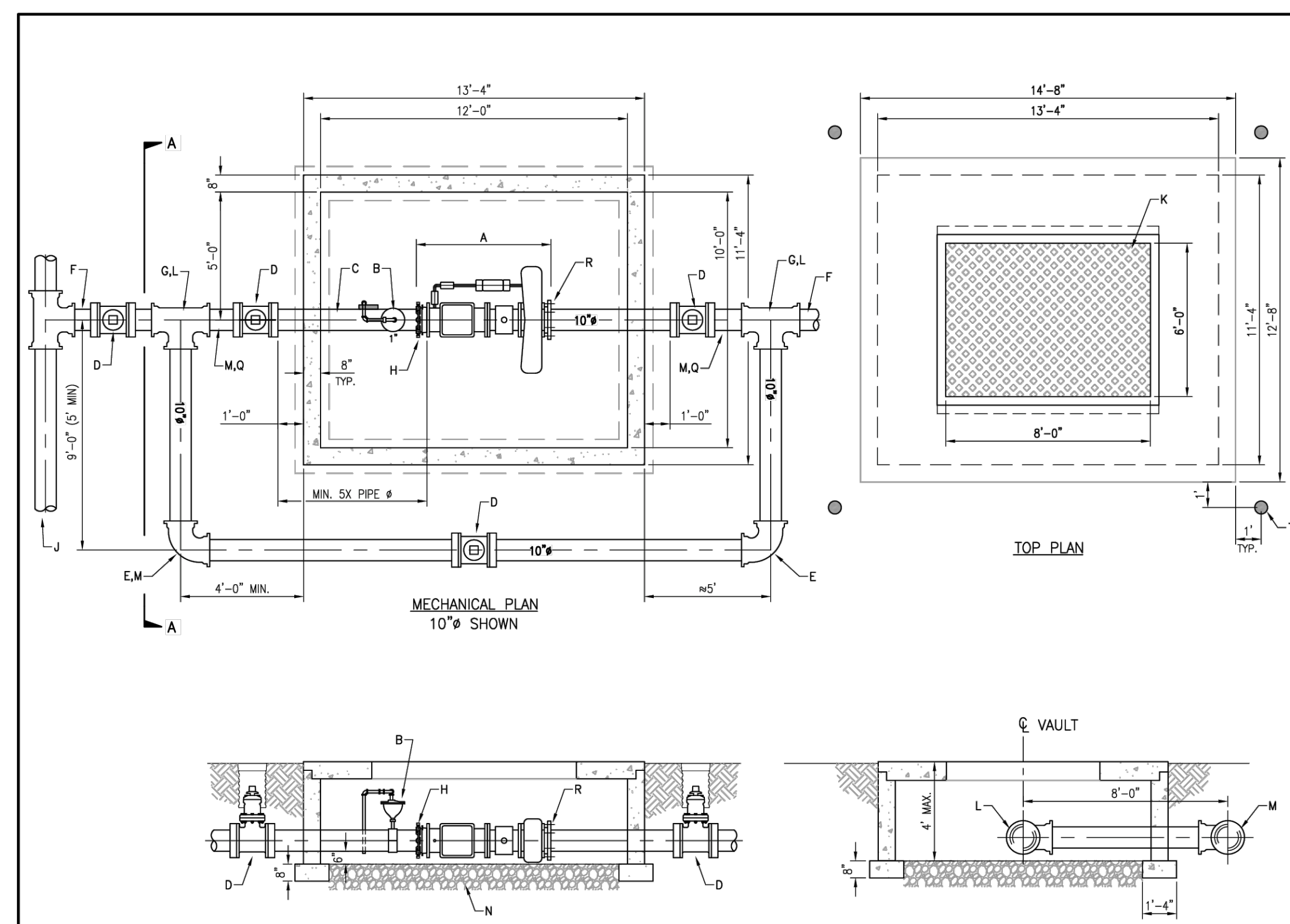
PLAN
SERVICE LINE FOR 1-1/2" TO 2" METER

- GENERAL NOTES**
- METER BOX LOCATION TO CONFORM TO STANDARD DRAWING 2361.
 - THE (PRIVATE) TAILPIECE IS TO BE INSTALLED BY THE CONTRACTOR AND IS TO BE OWNED AND MAINTAINED BY THE CUSTOMER PER WATER AUTHORITY ORDINANCE.

- CONSTRUCTION NOTES**
- STREET SURFACE
 - BACK OF CURB
 - METER BOX, COVER AND LID, SEE DRAWING 2367. COVER FLUSH WITH SURFACE AND CENTERED OVER METER REGISTER
 - 1/2" EXPANSION JOINT
 - CURB STOP, LOCATE INSIDE METER BOX.
 - SIDEWALK OR DRIVEPAD
 - METER, TOP OF METER TO BE 12" TO 18" BELOW COVER.
 - CORP STOP
 - MAIN WATER LINE
 - TAPPING SADDLE
 - COPPER SERVICE LINE

- COPPER SETTER, PROVIDE WITH DUAL CHECK VALVE IN PRESSURE ZONES OW, 1W, 1E, AND FOR PRIVATE WELLS. SEE SPECIFICATION SECTION 802.3.9 FOR PRIVATE WELL PROVISIONS.
- TAILPIECE 3 FT LONG, APPROVED COPPER TUBING WITH A CLEAN CUT AT END AND WITH A TEMPORARY PLUG. DUAL CHECK VALVE SHALL BE INSTALLED IN WATER ZONES OW, 1W, 1E AND FOR PRIVATE WELLS. SEE SPECIFICATION SECTION 802.3.9 FOR PRIVATE WELL PROVISIONS.
- CONCRETE PAD REQUIRED IN ALL AREAS PER SECTION 101. EXTERIOR CONCRETE, f'c = 3000 psi AT 28 DAYS.
- #4 REBAR CONTINUOUS ALL AROUND METER BOX.
- STABILIZER BAR, 1/2" X 12" LONG GALVANIZED STEEL PIPE.
- METER BOX LID SHALL BE FLUSH WITH SURROUNDING SIDEWALK.
- METER BOX EXTENSION AS REQUIRED.
- ELECTRONIC MARKER DEVICE (EMD), SEE STANDARD SPECIFICATION SECTION 170.
- 3" TALL "W" STAMP ON CURB WHERE SERVICE LINE CROSSES.

REVISIONS	WATER AUTHORITY
JAN. 2011	WATER 1-1/2" TO 2" METERED SERVICE LINE INSTALLATION DWG. 2363 MAY 2019



MECHANICAL PLAN
10" Ø SHOWN

LONGITUDINAL SECTION

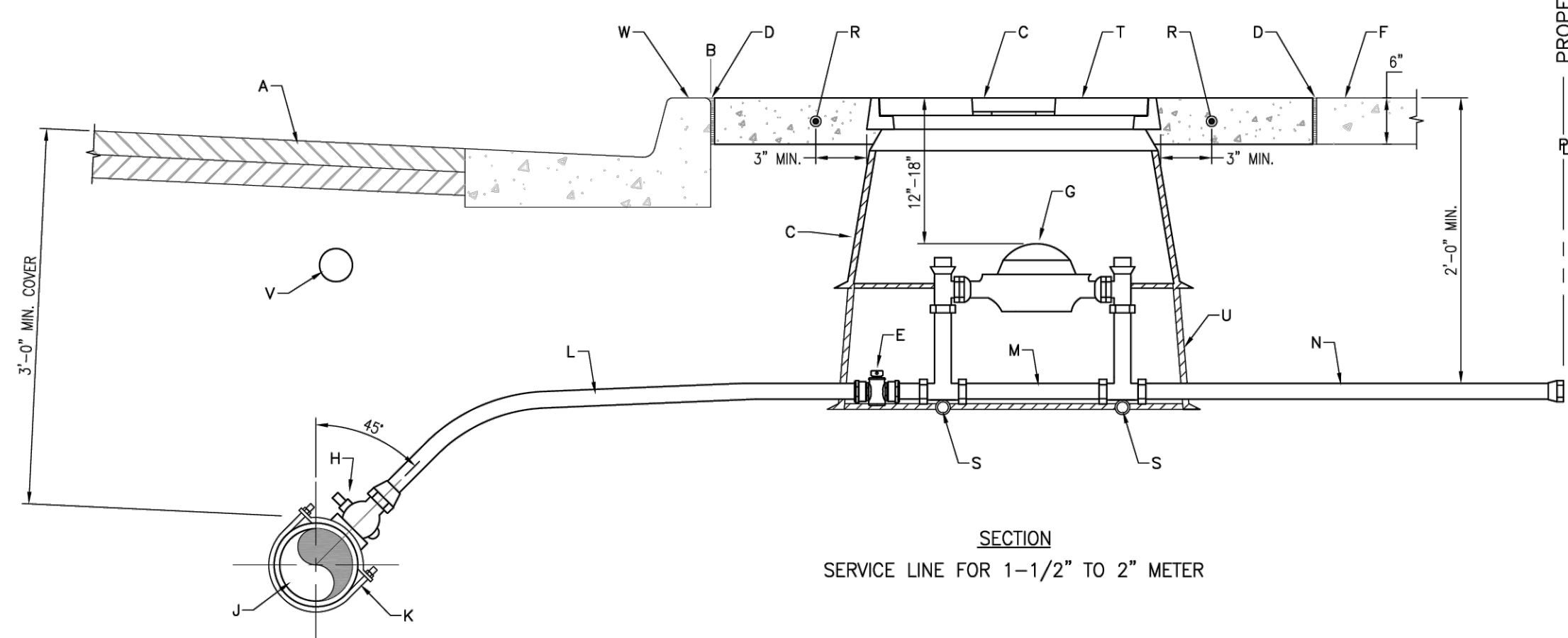
TOP PLAN

SECTION A-A

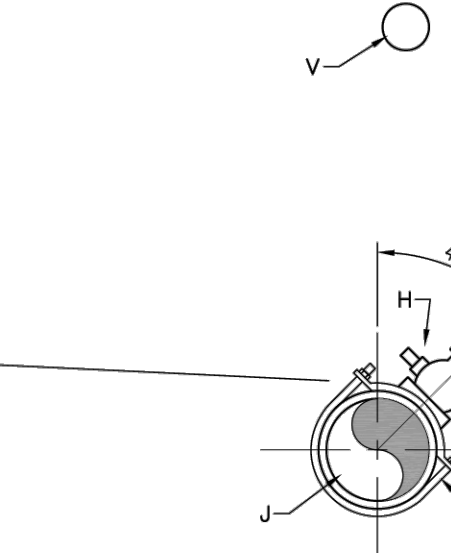
- GENERAL NOTES**
- THIS IS A TYPICAL STANDARD DETAIL TO BE USED AS REFERENCE. THE ENGINEER IS RESPONSIBLE FOR DESIGNING AND PUBLISHING DIMENSIONED AND SCALED DETAILS SPECIFIC TO A PROJECT, USING THE NECESSARY CALCULATIONS AND DEVELOPING SPECIFICATIONS TO SUPPORT THE DESIGN AND THE ENGINEER-STAMPED CONTRACT DOCUMENTS.
 - 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 TO THE CORRECT GRADE USING VERTICAL BODIES.
 - 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. 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**
- 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.
 - 1" SADDLE TAP, 1" GATE VALVE AND 1" AIR RELEASE VALVE. AIR RELEASE VALVE SHALL BE APCO MODEL NO. 200A OR APPROVED EQUAL.
 - D.I. SPOOL (FLAPE) LENGTH AS REQUIRED. MINIMUM LENGTH SHALL BE 2 TIMES THE PIPE DIAMETER.
 - GATE VALVE (M) WITH MEGALUGS AND VALVE BOX PER STANDARD DRAWING 2326.
 - 90° ELBOW (M) WITH MEGALUGS
 - MAIN SERVICE LINE MUST BE DUCTILE IRON PIPE FROM MAIN DISTRIBUTION LINE THROUGH METER VAULT PIPING ASSEMBLY.
 - MJ TEE WITH MEGALUGS
 - MEGA-FLANGE FLANGE ADAPTER, SERIES 2100 AS MANUFACTURED BY EBAA IRON SALES, OR APPROVED EQUAL.
 - MAIN DISTRIBUTION LINE
 - 4'-0" X 6'-0" ALUMINUM FLOOR DOOR WITH SPRING OPEN ASSIST HINGE, BILCO TYPE JD OR APPROVED EQUAL.
 - ROLL TEE UP AS REQUIRED
 - ROLL 90° ELBOW DOWN AS REQUIRED
 - 3/4" GRAVEL FILL PER ASTM C33, NO. 57 GRAVEL, 12" DEPTH
 - D.I. PIPE (FLAPE) LENGTH AS REQUIRED
 - FLANGE COUPLING ADAPTER (FCA)
 - 6" CONCRETE FILLED GUARD POST, TYPICAL OF 4 WHEN REQUIRED BY OWNER. SEE STANDARD DWG 2322

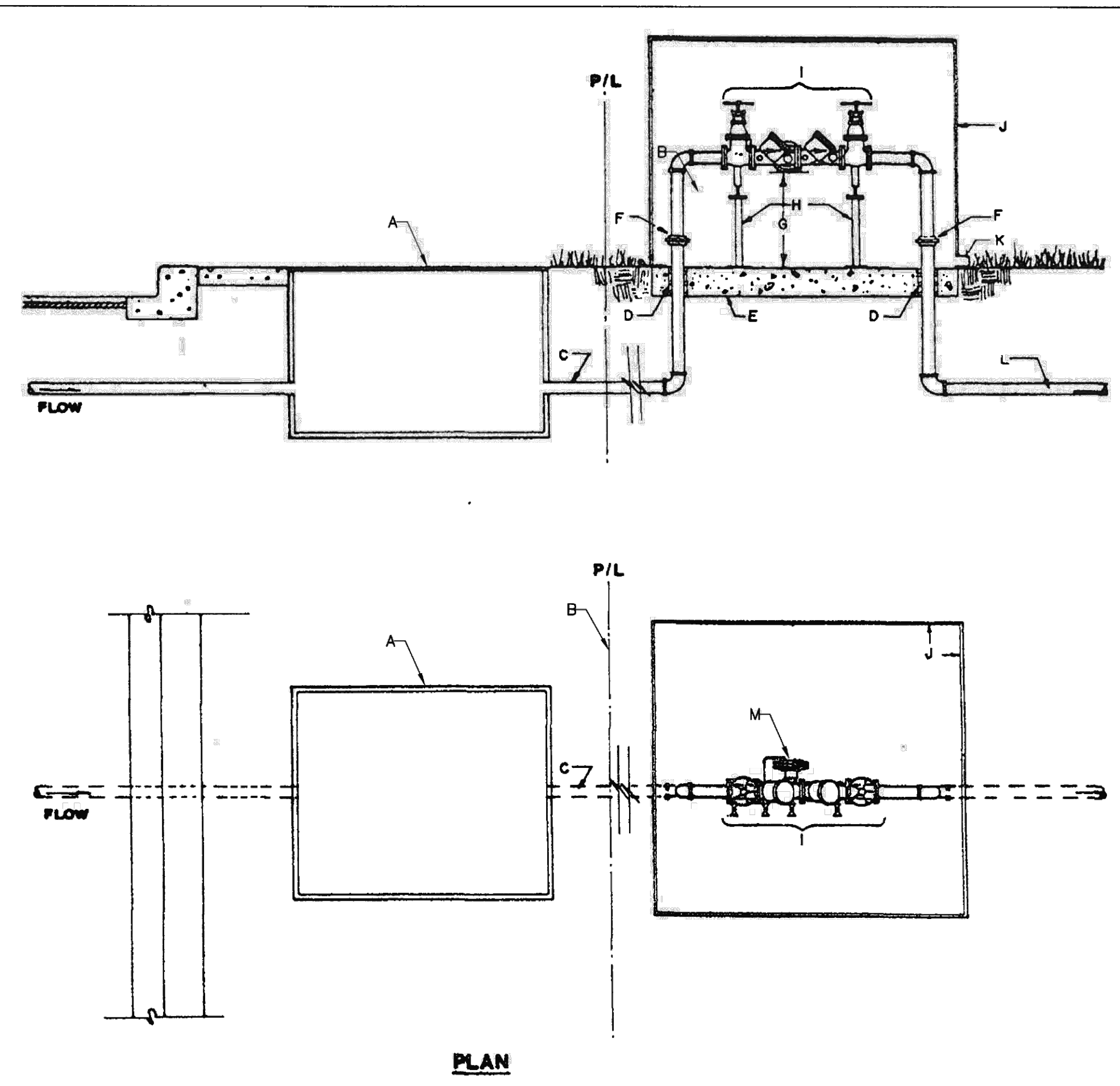
REVISIONS	WATER AUTHORITY
APR. 2015	WATER LARGE DIAMETER METER VAULT 8" TO 12" SERVICE DWG. 2371 AUG. 2019



SECTION
SERVICE LINE FOR 1-1/2" TO 2" METER



3'-0" MIN. COVER

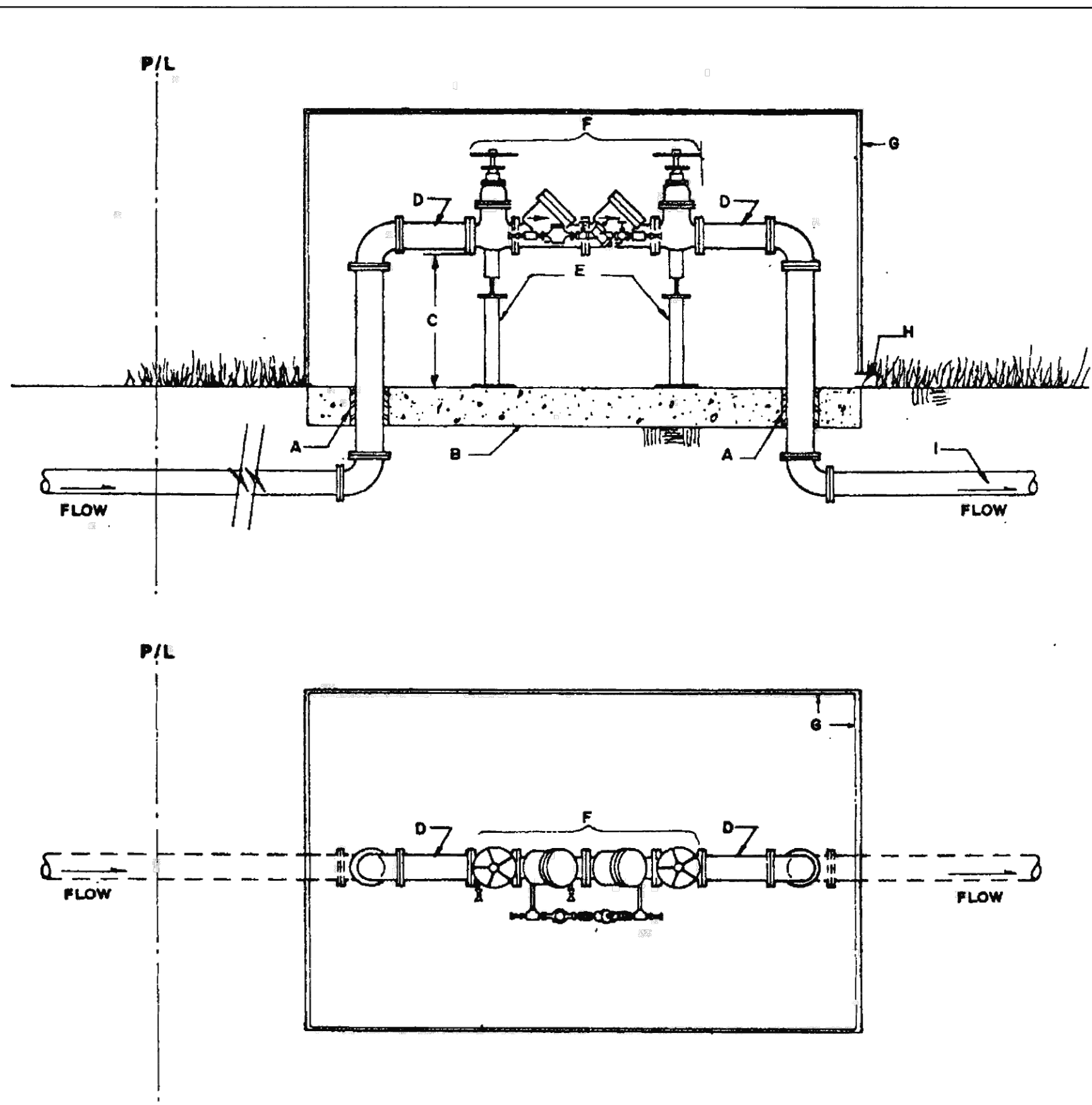


PLAN

- GENERAL NOTES:**
- HORIZONTAL RPBA INSTALLATION REQUIRED.
 - ABOVE GRADE RPBA INSTALLATION REQUIRED.
 - WATER LINE PRESSURE AND TEMPERATURE MUST NOT EXCEED RATED CAPACITY OF RPBA.
 - PROTECT FROM FREEZING WITH POSITIVE HEAT SOURCE AND INSULATION.
 - MINIMUM RPBA SIZE MUST BE THE BUILDING SERVICE LINE SIZE.
 - DO NOT INSTALL IN FLOOD PRONE AREAS OR IN STORM RETENTION OR DETENTION BASINS.
 - INSTALL WATER HAMMER ARRESTORS & THERMO EXPANSION PROTECTION, AS NECESSARY.
 - METALLIC RISER PIPING REQUIRED.
 - JOINTS TO BE ADEQUATELY RESTRAINED.
 - DEVIATIONS FROM THESE SPECIFICATIONS MUST HAVE PRIOR WRITTEN APPROVAL FROM THE WATER AUTHORITY CROSS CONNECTION OFFICE.
 - THE INSTALLATION OF A BACKFLOW ASSEMBLY MAY CREATE A CLOSED LOOP SYSTEM. THE CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH CURRENT PLUMBING CODES WHICH MAY REQUIRE INSTALLATION OF (PRIVATE) PRESSURE RELIEF DEVICES AND/OR EXPANSION TANKS.

- CONSTRUCTION NOTES:**
- METER BOX PER STANDARD DRAWING 2362 OR 2363.
 - PROPERTY LINE.
 - SERVICE LINE WITHOUT TAPS OR TEES BETWEEN THE METER AND THE BACKFLOW PREVENTION ASSEMBLY.
 - ADEQUATE SLEEVE & INSULATION. INSULATION SHALL BE (AT MINIMUM) 1" THICK.
 - MINIMUM 4" CONCRETE (3000 PSI) SLAB.
 - UNIONS OR FLANGED FITTINGS INSTALLED A MINIMUM OF 4" ABOVE GRADE.
 - 36" MAXIMUM, 12" MINIMUM (FROM LOWEST POINT OF ASSEMBLY TO TOP OF CONCRETE SLAB).
 - PROVIDE ADJUSTABLE METALLIC SUPPORTS ON UNITS 2.5" AND GREATER DIAMETER (TYPICAL).
 - USC APPROVED RPBA, AS SHOWN
 - PROTECTIVE ENCLOSURE, SEE STANDARD DRAWING 2389 FOR DESIGN CRITERIA.
 - DRAIN: SIZE DRAIN TO HANDLE FULL DISCHARGE OF RELIEF VALVE. DRAIN TO DAYLIGHT. SCREEN RECOMMENDED TO PREVENT RODENT AND INSECT ENTRY.
 - BUILDING SERVICE LINE.
 - RELIEF VALVE.

REVISIONS	WATER AUTHORITY
	WATER REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (RPBA) DWG. 2385 JANUARY 2011



PLAN

- GENERAL NOTES:**
- SEE MANUAL OF PROCEDURES FOR THE TYPE OF BACKFLOW PREVENTION ASSEMBLY REQUIRED ON PRIVATE FIRE PROTECTION SYSTEMS.
 - HORIZONTAL DCDA INSTALLATION REQUIRED.
 - PROTECT FROM FREEZING WITH A POSITIVE HEAT SOURCE AND INSULATION.
 - MINIMUM DCDA SIZE MUST BE THE BUILDING SERVICE LINE SIZE.
 - METALLIC RISER PIPING REQUIRED.
 - ABOVE GRADE DCDA INSTALLATION REQUIRED.
 - FLANGED FITTINGS REQUIRED. JOINTS TO BE ADEQUATELY RESTRAINED.
 - WATER LINE PRESSURE AND TEMPERATURE MUST NOT EXCEED THE CAPACITY OF DCDA.
 - INSTALL WATER HAMMER ARRESTORS & THERMO EXPANSION PROTECTION, AS NECESSARY.
 - DEVIATIONS FROM THESE SPECIFICATIONS MUST HAVE PRIOR WRITTEN APPROVAL FROM THE WATER AUTHORITY CROSS CONNECTION OFFICE.
 - THE INSTALLATION OF A BACKFLOW ASSEMBLY MAY CREATE A CLOSED LOOP SYSTEM. THE CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH CURRENT PLUMBING CODES WHICH MAY REQUIRE INSTALLATION OF (PRIVATE) PRESSURE RELIEF DEVICES AND/OR EXPANSION TANKS.

- CONSTRUCTION NOTES:**
- ADEQUATE SLEEVE & INSULATION. INSULATION SHALL BE (AT MINIMUM) 1" THICK.
 - MINIMUM 4" CONCRETE (3000 PSI) SLAB.
 - 36" MAXIMUM, 12" MINIMUM (FROM LOWEST POINT OF ASSEMBLY TO TOP OF CONCRETE SLAB).
 - PIPE SPOOL (OPTIONAL).
 - PROVIDE ADJUSTABLE METALLIC SUPPORTS.
 - USC APPROVED DCDA, AS SHOWN.
 - PROTECTIVE ENCLOSURE, SEE STANDARD DRAWING 2389 FOR DESIGN CRITERIA.
 - DRAIN: DRAIN TO DAYLIGHT. SCREEN RECOMMENDED TO PREVENT RODENT OR INSECT ENTRY.
 - BUILDING SERVICE LINE.

REVISIONS	WATER AUTHORITY
	WATER DOUBLE CHECK-DETECTOR CHECK ASSEMBLY (DCDA) DWG. 2387 JANUARY 2011

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	10/30/2024	ARA	CITY SUBMITTAL #1
2	08/20/2025	ARA	CITY SUBMITTAL #3
3	10/22/2025	ARA	CITY SUBMITTAL #3
4	12/23/2025	ARA	CITY SUBMITTAL #4
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PROFESSIONAL SEAL:



12/03/2025



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PROJECT

U-HAUL
PR-2023-008710
SI-2025-00082
ALBUQUERQUE NEW MEXICO
SITE ADDRESS:
U-Haul Moving & Storage
8200 JEFFERSON ST

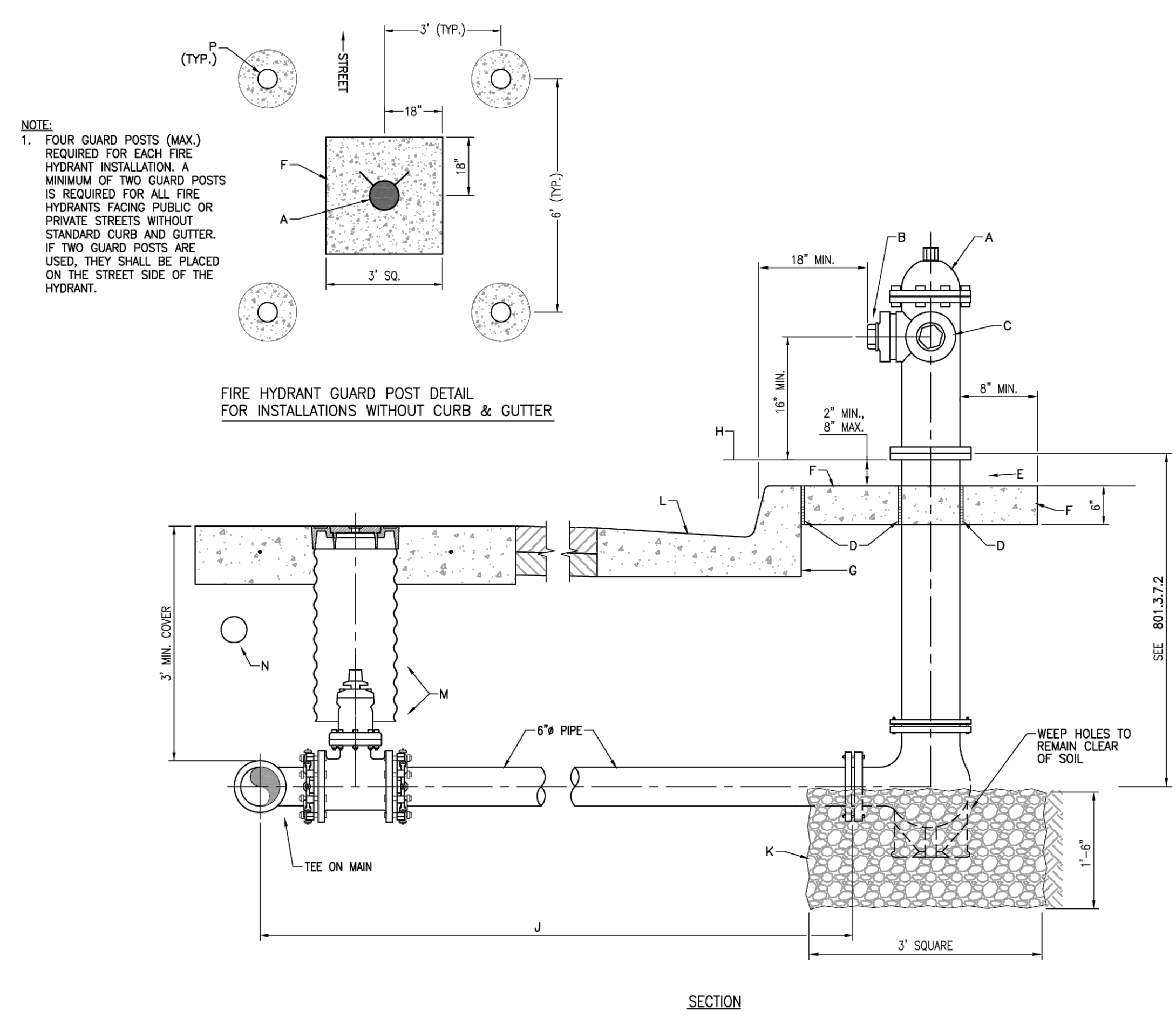
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CHECKED:	ARA C0-21
DATE:	

C0-DETAILS



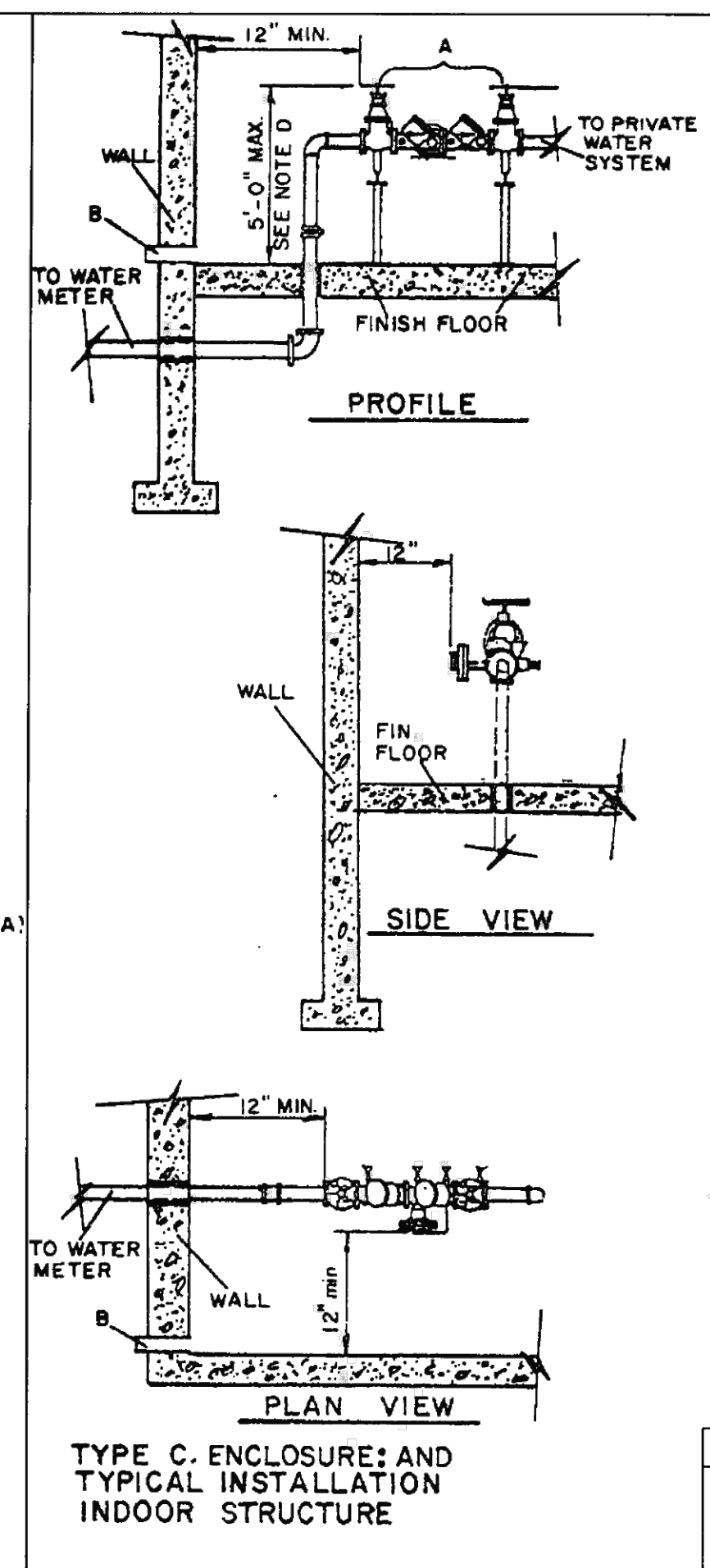
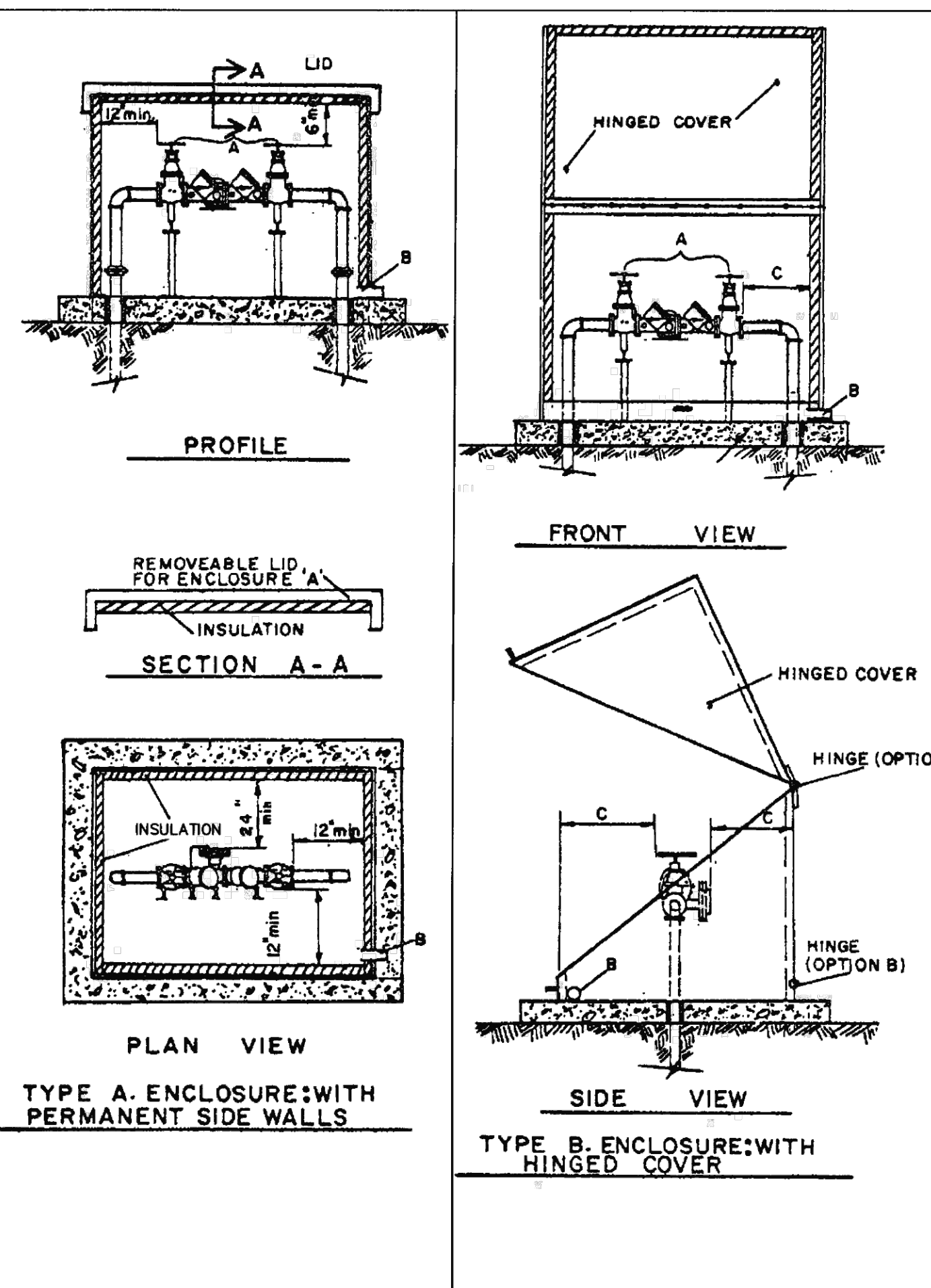
GENERAL NOTES

- NO OBSTRUCTIONS WILL BE PERMITTED WITHIN 3'-0" OF FIRE HYDRANT.
- HYDRANT LEG SHALL BE VALVED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING THE TOP FLANGE OF THE FIRE HYDRANT TO THE CONTROLLED ELEVATION LINE.
- FOR FIRE HYDRANT LOCATIONS, SEE STANDARD DRAWING 2347.
- WHEN NEW OR EXISTING SIDEWALK ABUTS CURB, RECONSTRUCT SIDEWALK PER STANDARD DRAWINGS 2430 AND 2431.
- PUMPER NOZZLE TO BE SET FACING THE TRAVELED WAY, UNLESS OTHERWISE NOTED ON PLANS.
- HYDRANTS INSTALLED IN SIDEWALK AREAS SHALL MAINTAIN A FIVE FOOT CLEAR PEDESTRIAN PATH PER ADA STANDARD.
- BEFORE THE WORK WILL BE ACCEPTED, FIRE HYDRANT GPS COORDINATES SHALL BE PROVIDED ON THE RECORD DRAWINGS. GPS COORDINATES OBTAINED BY A PROFESSIONAL SURVEYOR LICENSED IN THE STATE OF NEW MEXICO SHALL BE TAKEN AT THE FLANGE. USE THE NAD 1983 NM STATE PLANE CENTRAL ZONE FOR X AND Y COORDINATES AND NAD 1986 FOR Z COORDINATE.
- HYDRANTS INSTALLED WITHOUT STANDARD CURB AND GUTTER SHALL BE PROTECTED WITH STATIONARY POSTS/BOLLARDS. SEE DETAIL ON THIS SHEET.

CONSTRUCTION NOTES

- FIRE HYDRANT PER SPECIFICATIONS
- PUMPER NOZZLE 4 1/2"
- HOSE NOZZLE 2 1/2"
- 1/2" EXPANSION JOINT MATERIAL
- MATCH SIDEWALK SLOPE, OR SLOPE 1/4" PER FOOT.
- 3"x3"x6" SQUARE CONCRETE PAD, TO BE CONSTRUCTED AROUND FIRE HYDRANT'S CENTER LINE WHEN NOT LOCATED WITHIN SIDEWALK OR CONCRETE AREA. CONCRETE PER SEC. 101 EXTERIOR CONCRETE, f'c=3000 psi @ 28 DAYS.
- BACK OF CURB
- CONTROLLED ELEVATION LINE, LEVEL IN ALL DIRECTIONS.
- USE OF RESTRAINED JOINTS IS MANDATORY. ALL FIRE HYDRANT LEG PIPING AND FITTINGS INCLUDING TEE ON MAIN SHALL BE RESTRAINED JOINT.
- 3"x3"x18" GRAVEL DRAIN POCKET WITH CLEAN GRAVEL, ASTM C33, NO. 57. LINE DRAIN POCKET WITH GEOTEXTILE FABRIC NM20T CLASS 3.
- STANDARD CURB AND GUTTER. IF NO CURB AND GUTTER IS PRESENT, BOLLARDS ARE REQUIRED. FOR OTHER TYPES OF CURB AND GUTTER, SPECIAL DESIGN IS REQUIRED.
- INSTALL FIRE HYDRANT ISOLATION GATE VALVE AT TEE ON MAIN. INSTALL VALVE BOX PER STANDARD DRAWING 2326.
- ELECTRONIC MARKER DEVICE (EMD), SEE STANDARD SPECIFICATION SECTION 170.
- STATIONARY GUARD POST PER STANDARD DRAWING 2322

REVISIONS	WATER AUTHORITY
DEC. 2014	WATER
MAY 2013	FIRE HYDRANT INSTALLATION
	DWG. 2340 APR. 2019



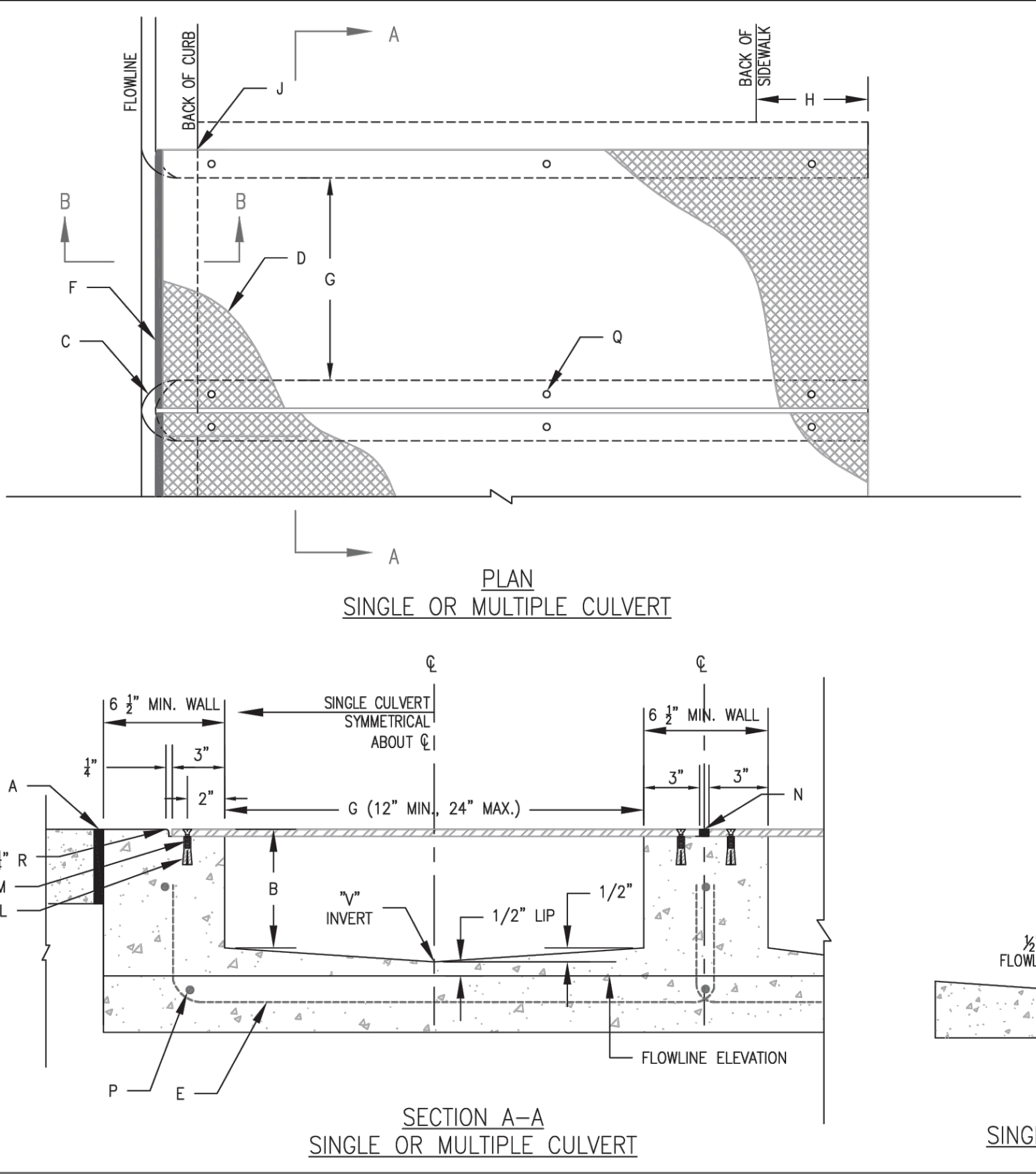
GENERAL NOTES:

- ENCLOSURE DESIGN: CONSTRUCTION AND MAINTENANCE IS THE RESPONSIBILITY OF THE CONSUMER. THE DESIGN ENCLOSURES MUST MEET THESE MINIMUM SPECIFICATIONS. CONSUMER MAY SELECT THE USE OF TYPE A, B, OR C ENCLOSURE.
- INSTALLATION MUST BE PROTECTED FROM FREEZING.
- ENCLOSURES MUST BE INSTALLED AND MAINTAINED SO THAT UNITS ARE SAFELY & READILY ACCESSIBLE FOR TESTING, MAINTENANCE & REPAIRS.
- FOR TYPE B, ENCLOSURE, THE HINGE MAY BE LOCATED AT OPTION A OR B, AS SHOWN.
- ALTERNATE DESIGNS MAY BE USED WITH PRIOR WRITTEN APPROVAL FROM THE WATER AUTHORITY CROSS CONNECTION OFFICE.
- IF FLOOR DRAIN IS USED, FLOOR SLAB SHALL BE SLOPED TOWARD DRAIN HOLE.

CONSTRUCTION NOTES:

- USC APPROVED RPBA, DCVA, DCDA OR PVB.
- DRAIN: DRAIN OF ADEQUATE SIZE TO ALLOW FOR PROPER DRAINAGE. SHIELD IS RECOMMENDED FOR SIDE DISCHARGING RELIEF VALVES. FOR TYPE C, ENCLOSURE, SWING CHECK IS RECOMMENDED WHEN DRAINING TO DAYLIGHT.
- ADEQUATE CLEARANCES REQUIRED FOR TESTING, MAINTENANCE & REPAIR.
- 5' MAXIMUM FROM HANDWHEEL TO FINISH FLOOR, AS SHOWN. UNITS INSTALLED HIGHER THAN 5', CONSUMER MUST PROVIDE PERMANENT ACCESS PLATFORM/LADDER.

REVISIONS	WATER AUTHORITY
	WATER ENCLOSURES
	DWG. 2389 JANUARY 2011



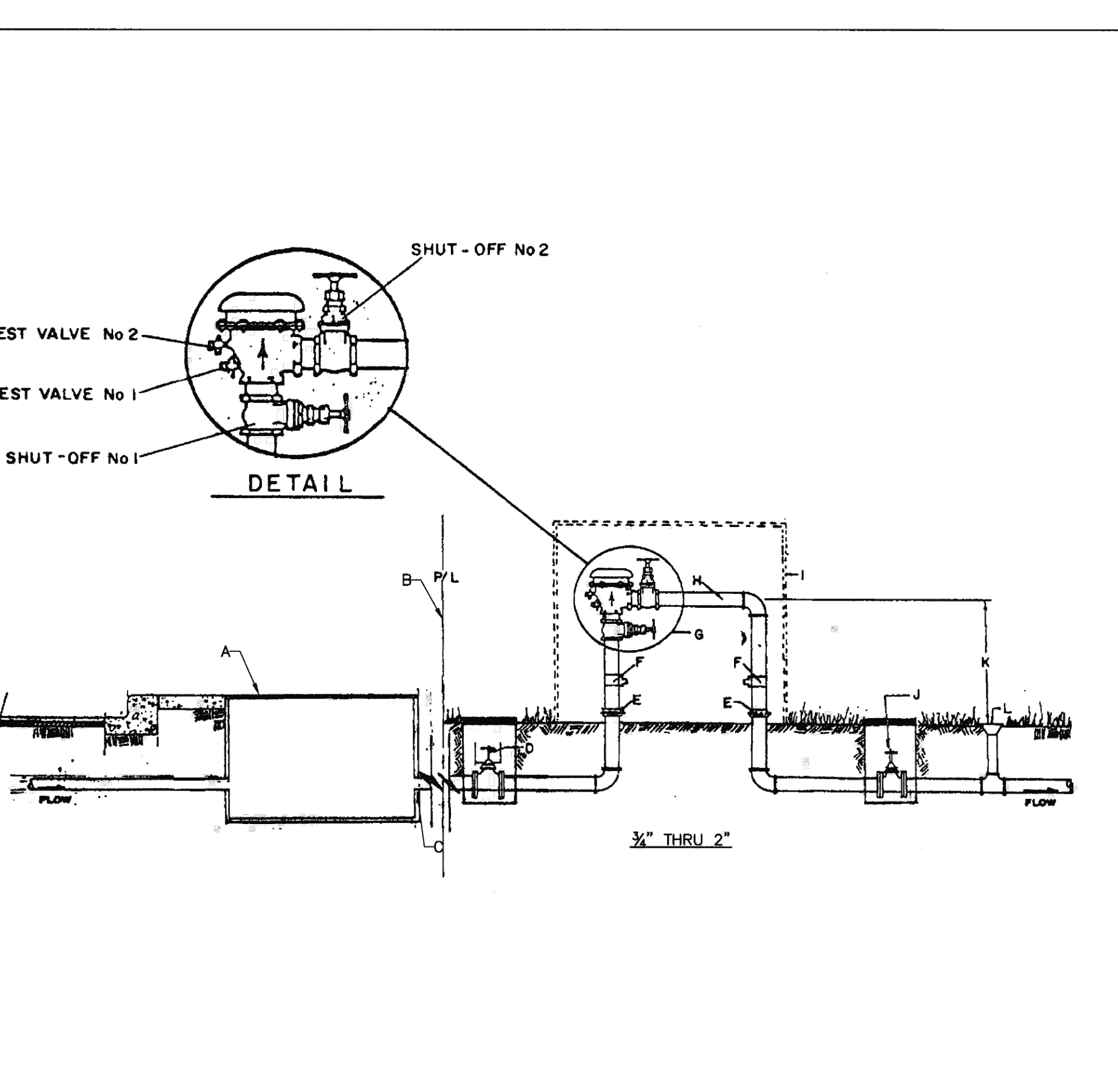
GENERAL NOTES

- PLACING OF DRAIN THRU EXISTING SIDEWALK AND CURB & GUTTER REQUIRES THAT THE ENTIRE SIDEWALK AND CURB AND GUTTER STONES BE REMOVED AND REPLACED AS DETAILED HEREIN.
- THE CULVERT SHALL BE POURED MONOLITHICALLY WITH NEW GUTTER.
- THE INVERT SHALL BE TROWELED TO PRODUCE A HARD POLISHED SURFACE OF MAXIMUM DENSITY AND SMOOTHNESS. INVERT SHALL BE V-SHAPED TO WITHIN 3" OF OUTLET, THEN WARPED PARALLEL TO FLOWLINE AT THE OUTLET, UNLESS OTHERWISE SHOWN.
- LENGTH OF EACH PLATE SHALL BE SUCH THAT THE WEIGHT WILL NOT EXCEED 300 LBS. CLEAN SURFACE OF PLATE AND PAINT WITH ONE SHOP COAT RED OXIDE AND TWO FINISH COATS ALUMINUM PAINT (AASHTO M 69).
- THE CITY WILL NOT ASSUME RESPONSIBILITY FOR MAINTENANCE OF ANY SIDEWALK CULVERT INSTALLED BY OR FOR PRIVATE PROPERTY OWNERS.
- CULVERT MUST BE PERPENDICULAR TO THE CURB.

CONSTRUCTION NOTES

- INSTALL 1/2" EXPANSION JOINT.
- 7" DEPTH WHEN USED IN CONJUNCTION WITH 8" CURB; 5" DEPTH WHEN USED WITH 6" CURB.
- 3" RADIUS (TYPICAL).
- 3/8" CHECKERED STEEL PLATE (PAINT PER NOTE 4, ABOVE).
- NO. 3 REBAR \perp , SPACE AT 18" O.C. MAXIMUM, 1 1/2" MINIMUM FROM FACE OF CONCRETE. STAGGER FOR MULTIPLE CULVERTS.
- WELD 3/4" STEEL ROD TO PLATE, FULL LENGTH OF PLATE; GRIND ENDS FLUSH TO THE FACE OF CURB.
- DRAIN WIDTH PER PLAN (12" MINIMUM, 24" MAXIMUM).
- EXTEND CULVERT AND STEEL PLATE 1-FOOT BEYOND BACK OF SIDEWALK, UNLESS RESTRICTED BY PROPERTY LINE.
- IF SIDEWALK IS NOT AT BACK OF CURB, EXTEND CULVERT AND STEEL PLATE TO FACE OF CURB.
- SLOPE 1/4" PER FOOT (MINIMUM).
- FOR SECURING PLATE USE POWERS® 3/8-16 CARBON STEEL FLANGED DROP-IN ANCHOR OR APPROVED EQUAL. INSTALL USING SETTING TOOL AND MANUFACTURER'S INSTRUCTIONS AT MAX 24" O.C. A MINIMUM OF 2 PER SIDE AND WITHIN 6" OF EACH END.
- 3/8-16x1" COUNTERSUNK, STAINLESS STEEL, MACHINE SCREW. COVER HEAD WITH 2-PART EPOXY.
- FILL VOID BETWEEN PLATES WITH NP-1 SEALANT OR CITY APPROVED EQUIVALENT.
- NO. 3 REBAR, CONTINUOUS.
- HOLE DIAMETER AT BOTTOM OF COUNTERSUNK HOLE OF STEEL PLATE TO BE 1/2" DIAMETER.

REVISIONS	CITY OF ALBUQUERQUE
	DRAINAGE SIDEWALK CULVERT PLAN, AND SECTIONS A-A AND B-B
	DWG. 2236 JUNE 2019



GENERAL NOTES:

- PVB'S UNAPPROVED FOR CONTAMINATION PROTECTION, EXCEPT FOR LAWN IRRIGATION SYSTEMS.
- DO NOT INSTALL IN FLOOD PRONE AREAS OR IN STORM RETENTION OR DETENTION BASINS.
- DO NOT INSTALL PVB'S > 5' ABOVE GROUND LEVEL.
- PROTECT PVB'S FROM FREEZING WITH A POSITIVE HEAT SOURCE.
- HORIZONTAL INSTALLATION REQUIRED AS SHOWN.
- JOINTS TO BE ADEQUATELY RESTRAINED.
- METALLIC RISER PIPING REQUIRED.
- THE INSTALLATION OF A BACKFLOW ASSEMBLY MAY CREATE A CLOSED LOOP SYSTEM. THE CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH CURRENT PLUMBING CODES WHICH MAY REQUIRE INSTALLATION OF (PRIVATE) PRESSURE RELIEF DEVICES AND/OR EXPANSION TANKS.

CONSTRUCTION NOTES:

- METER BOX PER STANDARD DRAWING 2362 OR 2363.
- PROPERTY LINE.
- SERVICE LINE WITHOUT TAPS OR TEES BETWEEN THE METER AND THE BACKFLOW PREVENTION ASSEMBLY.
- ISOLATION VALVE (GATE VALVE OR BALL VALVE).
- UNIONS, MINIMUM 4" ABOVE GRADE.
- TEE WITH DRAIN PLUG OR BALL DRAIN VALVE, MINIMUM 6" ABOVE GRADE.
- USC APPROVED PVB, AS SHOWN.
- SPOOL, 12" MAXIMUM LENGTH.
- ENCLOSURE, OPTIONAL. SEE WATER STANDARD DRAWING 2389 FOR DESIGN CRITERIA IF ENCLOSURE IS USED.
- CONTROL VALVE (ELECTRIC OR MANUAL), OPTIONAL.
- 12" MINIMUM ABOVE ALL DOWNSTREAM PIPING & OUTLETS.
- SPRINKLER.

REVISIONS	WATER AUTHORITY
	LANDSCAPE PRESSURE VACUUM BREAKER (PVB)
	DWG. 2388 JANUARY 2011

REVISIONS:	
NO.	DATE
1	10/20/2024
2	08/20/2025
3	10/22/2025
4	12/20/2025
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PROFESSIONAL SEAL:

RYAN J. ANDERSON
NEW MEXICO
28792
PROFESSIONAL ENGINEER

12/03/2025

ISG

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PROJECT

U-HAUL
PR-2023-008710
SI-2025-00082

ALBUQUERQUE NEW MEXICO

SITE ADDRESS:
U-Haul Moving & Storage
8200 JEFFERSON ST

SHEET CONTENTS:

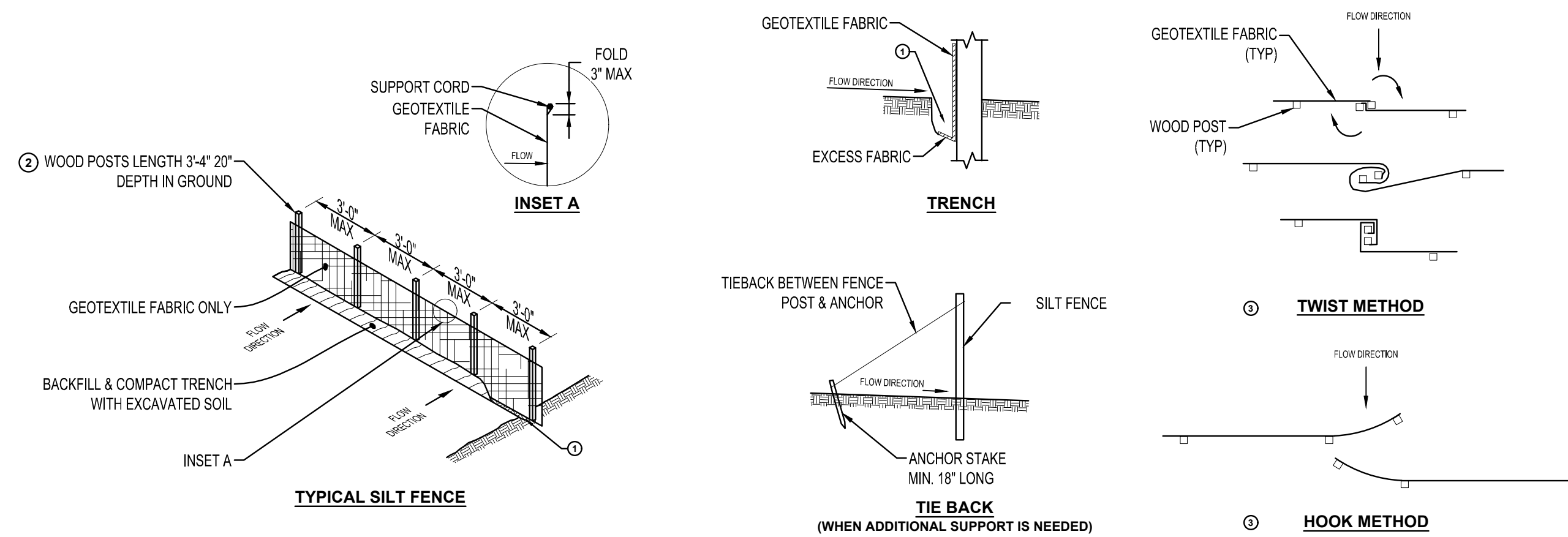
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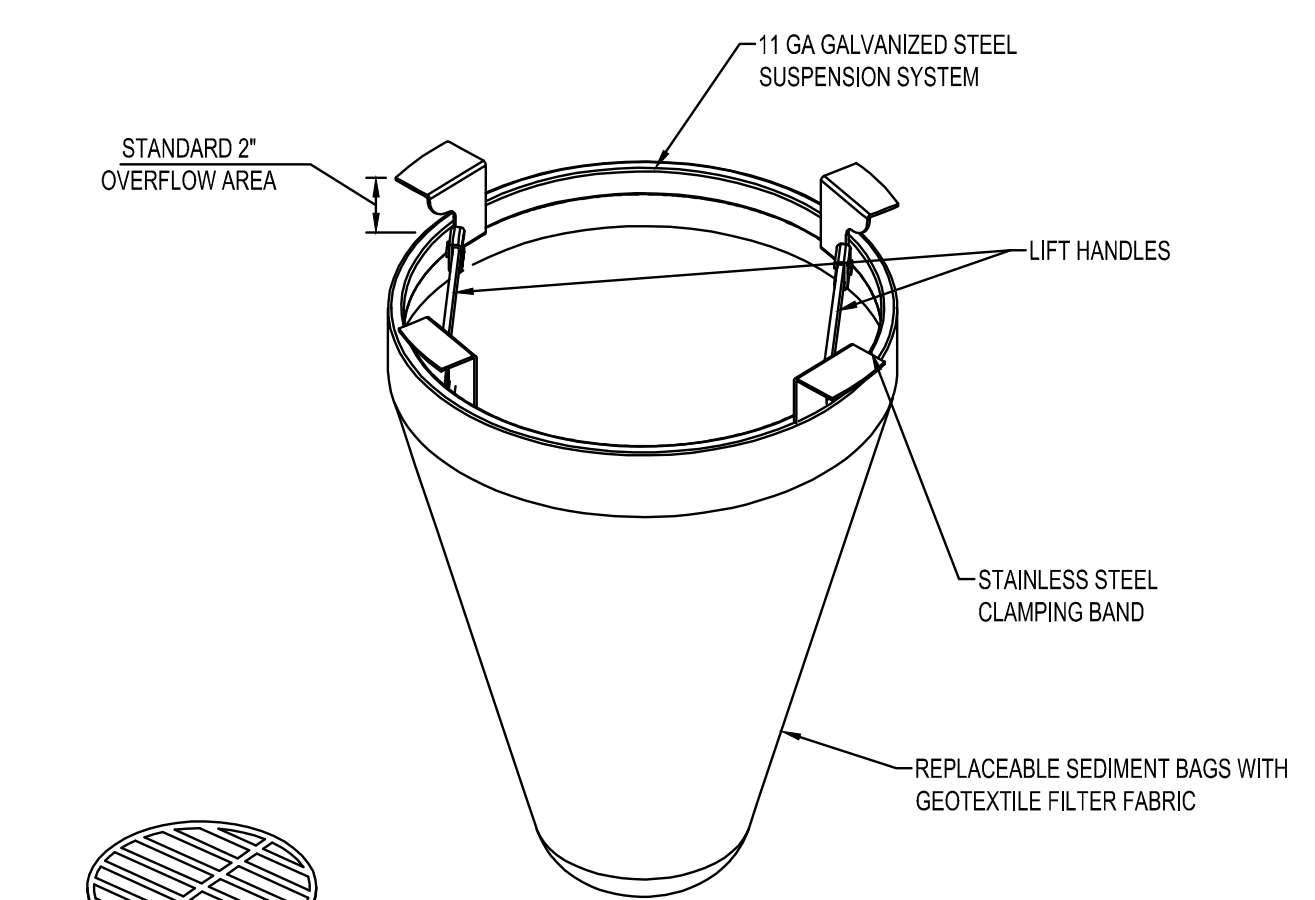
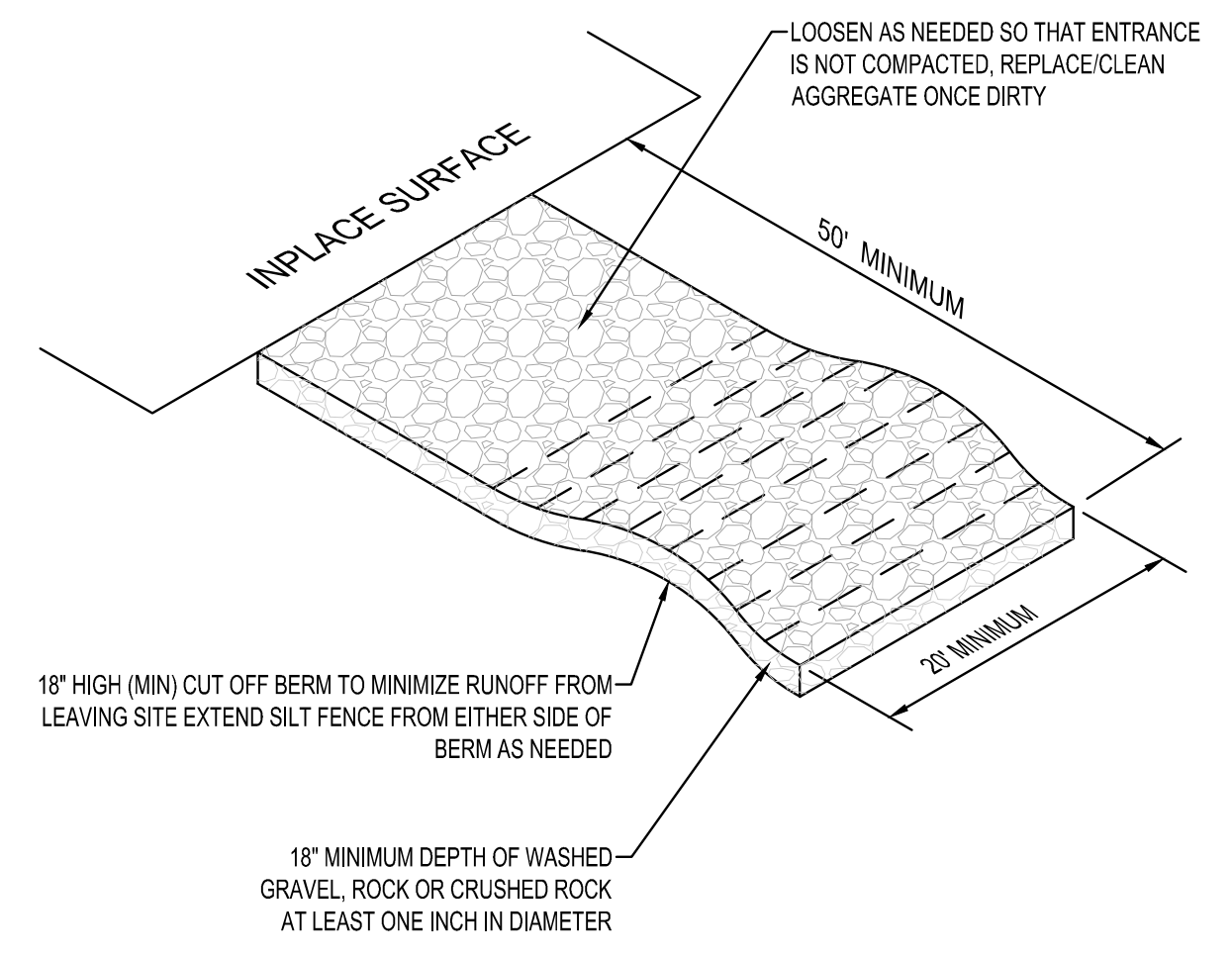
CO-DETAILS



NOTES:

- ATTACH FABRIC TO THE POSTS WITH WIRE STAPLES OR WOODEN LATH & NAILS. ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS.
- 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.
- TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY & ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH, BACKFILL, & COMPACT TRENCH WITH EXCAVATED SOIL.
- WOOD POST SHALL BE A MINIMUM SIZE OF 1 1/2" x 1 1/2" OF OAK OR HICKORY.
- CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS.
 - A. TWIST METHOD - OVERLAP THE END POSTS & TWIST, OR ROTATE AT LEAST 180°.
 - B. HOOK METHOD - HOOK END OF EACH SILT FENCE LENGTH.

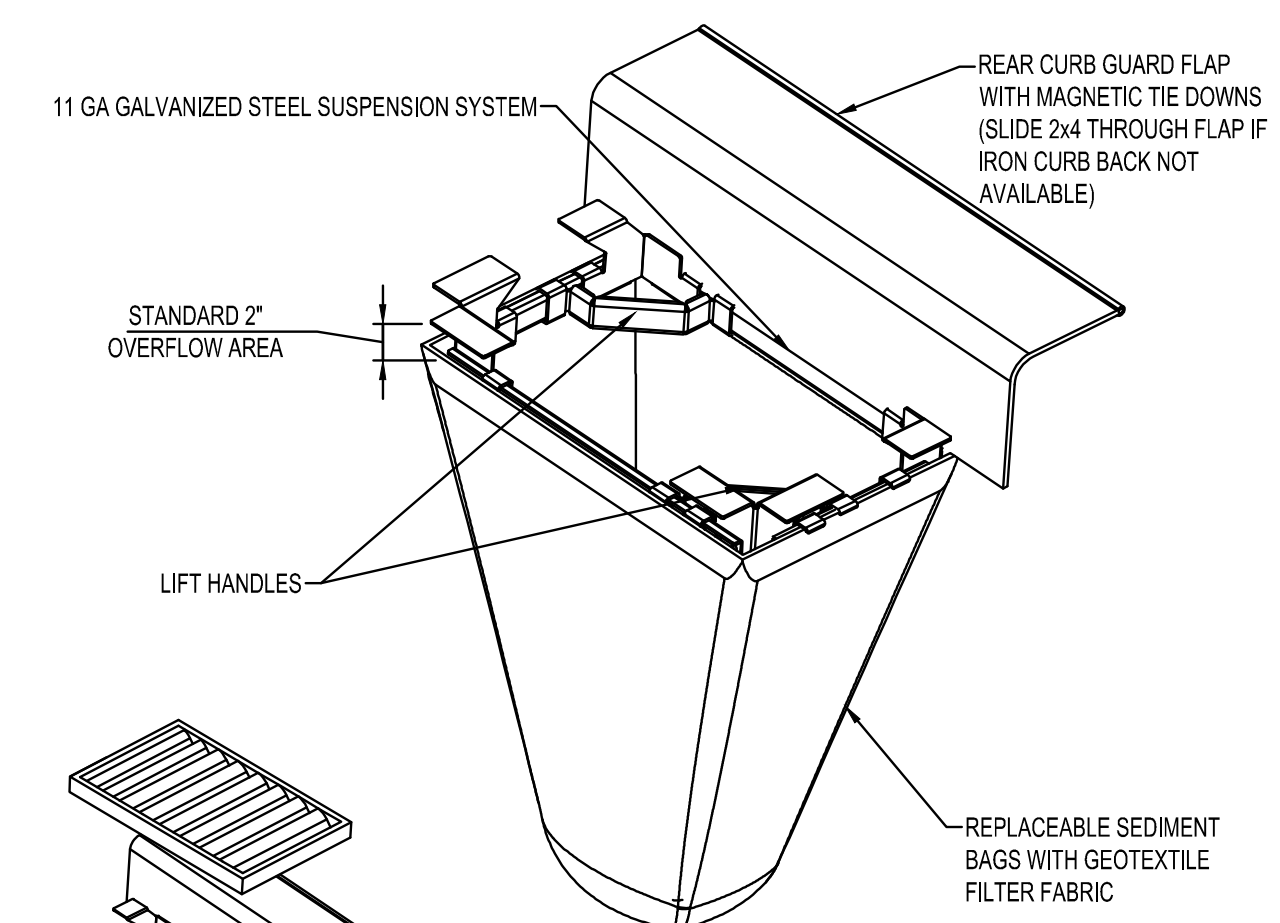
SILT FENCE
NTS



NOTES:

- FOR SPECIFICATIONS AND MAINTENANCE GUIDELINES VISIT WWW.INLETFILTERS.COM
- INSTALLATION:**
 - REMOVE GRATE
 - DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
 - REPLACE GRATE
- MATERIALS:**
 - FRAMING - 11 GAUGE STEEL; CORROSION RESISTANT
 - SEDIMENT BAG - WOVEN GEOTEXTILE FABRIC; 2 CUBIC FOOT TYP VOLUME;
 - STAINLESS STEEL LOCKING BAND SECURING BAG TO FRAME

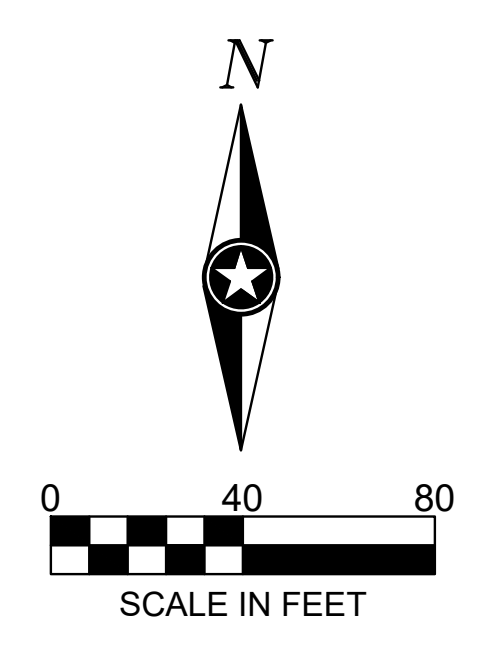
ROUND FILTER INLET PROTECTION
NTS



NOTES:

- FOR SPECIFICATIONS AND MAINTENANCE GUIDELINES VISIT WWW.INLETFILTERS.COM
- INSTALLATION:**
 - REMOVE GRATE
 - DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
 - REPLACE GRATE
- MATERIALS:**
 - FRAMING - 11 GAUGE STEEL; CORROSION RESISTANT
 - SEDIMENT BAG - WOVEN GEOTEXTILE FABRIC; 2 CUBIC FOOT TYP VOLUME;
 - STAINLESS STEEL LOCKING BAND SECURING BAG TO FRAME

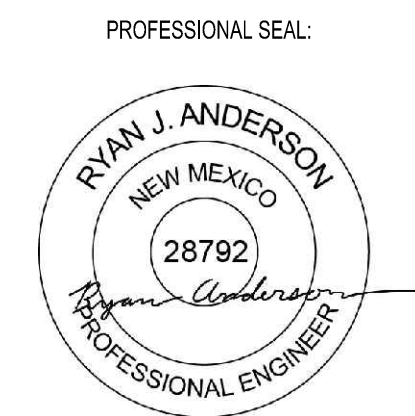
CURB BOX FILTER INLET PROTECTION
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SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	10/30/2024	ARA	CITY SUBMITTAL #1
2	08/20/2025	ARA	CITY SUBMITTAL #3
3	10/22/2025	ARA	CITY SUBMITTAL #3
4	12/3/2025	ARA	CITY SUBMITTAL #4
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12/03/2025



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PROJECT

U-HAUL
PR-2023-008710
SI-2025-00082

ALBUQUERQUE NEW MEXICO

SITE ADDRESS:
U-Haul Moving & Storage
8200 JEFFERSON ST

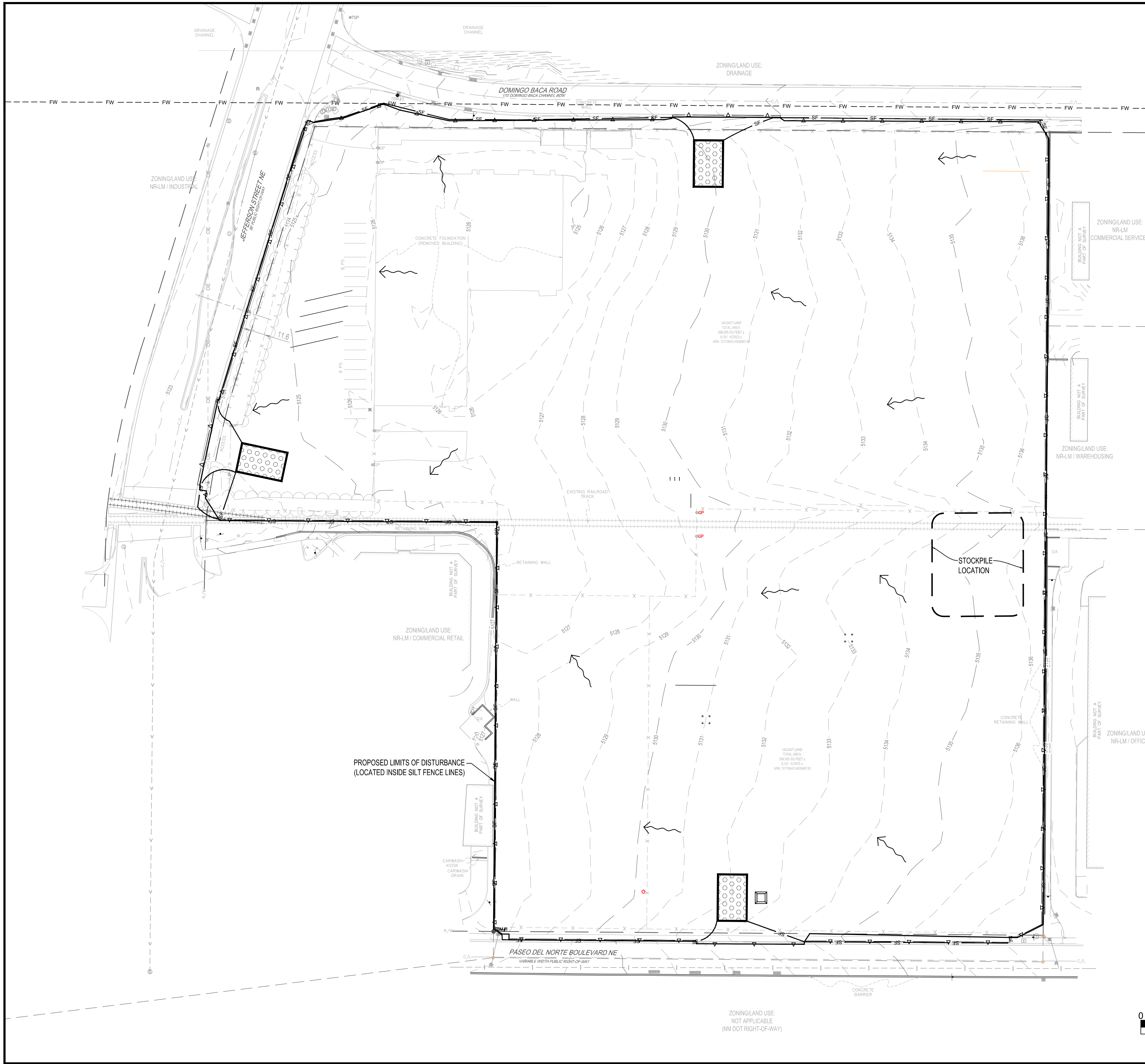
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SWPPP DETAILS

824071

DRAWN:	GBV
CHECKED:	ARA C1-20
DATE:	

C1-SWPPP



EROSION AND SEDIMENT CONTROL PLAN CHECKLIST

LIMITS OF LAND DISTURBING ACTIVITIES: SHOWN ON THE PLANS INSIDE THE SILT FENCE AROUND THE SITE.

EXISTING AND PROPOSED GRADES: SHOWN ON BOTH THE PRE-CONSTRUCTION SWPPP AND PROPOSED SWPPP SHEETS.

STOCKPILES: SHOWN ON THE EAST SIDE OF THE SITE

CONSTRUCTION ENTRANCES: SHOWN ON BOTH THE PRE-CONSTRUCTION SWPPP AND PROPOSED SWPPP SHEETS.

LOCATION OF STRUCTURES: SHOWN ON THE PROPOSED SWPPP SHEET.

CONSTRUCTION SUPPORT ACTIVITY: ONLY PROPERTY LOCATED ON THESE PLAN SHEETS.

WATERS OF THE US: THIS PROPERTY IS LOCATED THREE (3) MILES FROM THE RIO GRANDE RIVER WITH OTHER EXISTING DEVELOPMENTS IN BETWEEN.

CRITICAL HABITAT: BASED OFF CORRESPONDENCE WITH US FISH AND WILDLIFE, THERE IS NO EFFECT ON ANY ENDANGERED SPECIES ON THIS SITE. THIS IS AN EXISTING DEVELOPED SITE THAT WILL BE REDEVELOPED.

PRE-CONSTRUCTION COVER: THIS SITE IS DEVELOPED IN ITS EXISTING CONDITIONS WITH PAVEMENTS AND BUILDING SLAB FOUNDATIONS.

DRAINAGE PATTERNS: THE EXISTING DRAINAGE PATTERNS GENERALLY FLOW FROM THE EAST TO THE WEST.

DIRECTLY CONNECTED STORM DRAINS AND CHANNELS: NO EXISTING DRAINAGE STRUCTURES ARE ON THIS SITE. THE PROPOSED CONDITIONS OF THE SITE WILL HAVE AN OVERFLOW DISCHARGE TO THE JEFFERSON ST NE ROADWAY VIA SIDEWALK CULVERTS ON THE WEST SIDEWALK ON THIS SITE.

POLLUTANT GENERATING ACTIVITIES: NO POLLUTANT GENERATING ACTIVITIES WILL BE DONE ON THIS SITE. IF ANY POLLUTANTS ARE PART OF THE CONSTRUCTION OF THIS PROJECT, AN INVENTORY WILL BE TAKEN TO ACCOUNT FOR ANY POTENTIAL SPILLS OR LEAKS THAT COULD DISCHARGE INTO THE STORMWATER SYSTEM.

BMP LOCATIONS AND DETAILS: SHOWN ON THE PROPOSED SWPPP SHEET AND DETAIL SHEET.

CHEMICALS: IF PRESENT, AN INVENTORY WILL BE TAKEN ALONG WITH WHERE THEY WILL BE STORED AND USED.

SEDIMENT BASIN: DRAINAGE BASIN SHALL PROVIDE THE CALCULATED VOLUME OF 3,600 CF PER ACRE OF DRAINAGE AREA. 8.54 AC DRAINAGE AREA AND REQUIRES 30,744 CF (31,724 CF PROVIDED IN NORTHWEST DETENTION BASIN)

STABILIZATION MEASURES: 6:1 POND SIDE SLOPES SHALL BE STABILIZED WITH 1" AGGREGATE MULCH (BOTTOM 6" OF BASE OF POND SHALL BE 2" MIN) AGGREGATE MULCH AT 4" DEPTH OVER 3" DEPTH OF WOOD MULCH

EROSION CONTROL LEGEND

SYMBOL	DESCRIPTION
— SF —	SILT FENCE, PREASSEMBLED
	ROCK CONSTRUCTION EXIT
	CONCRETE WASHOUT AREA
	EXISTING DRAINAGE ARROW

PERIMETER CONTROL CAN BE SILT FENCE OR SEDIMENT CONTROL LOG. SEE SITE RESTORATION PLAN FOR FINAL TURF ESTABLISHMENT.

NOTE: EROSION CONTROL PLAN COVERAGE INCLUDES ELECTRIC, GAS, TELEPHONE, AND CABLE INSTALLATION. EACH COMPANY OR THEIR SUBCONTRACTOR IS RESPONSIBLE TO FOLLOW THE REQUIREMENTS OF THIS PLAN, INCLUDING PROVIDING THEIR OWN RESTORATION IF INSTALLATION OCCURS AFTER PRIMARY INSTALLATION OF SEEDING/SODDING/MULCHING DURING CONSTRUCTION OF EACH UTILITY.

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	10/20/2024	ARA	CITY SUBMITTAL #1
2	09/20/2025	ARA	CITY SUBMITTAL #3
3	10/22/2025	ARA	CITY SUBMITTAL #3
4	12/23/2025	ARA	CITY SUBMITTAL #4
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PROFESSIONAL SEAL:



12/03/2025



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PROJECT

U-HAUL
PR-2023-008710
SI-2025-00082

ALBUQUERQUE NEW MEXICO
SITE ADDRESS:
U-Haul Moving & Storage
8200 JEFFERSON ST

SHEET CONTENTS:

PRE-CONSTRUCTION SWPPP

824071

DRAWN: GBV
CHECKED: ARA **C1-30**

DATE: *[Signature]*
C1-SWPPP

EROSION AND SEDIMENT CONTROL PLAN CHECKLIST

- LIMITS OF LAND DISTURBING ACTIVITIES: SHOWN ON THE PLANS INSIDE THE SILT FENCE AROUND THE SITE.
- EXISTING AND PROPOSED GRADES: SHOWN ON BOTH THE PRE-CONSTRUCTION SWPPP AND PROPOSED SWPPP SHEETS.
- STOCKPILES: SHOWN ON THE EAST SIDE OF THE SITE
- CONSTRUCTION ENTRANCES: SHOWN ON BOTH THE PRE-CONSTRUCTION SWPPP AND PROPOSED SWPPP SHEETS.
- LOCATION OF STRUCTURES: SHOWN ON THE PROPOSED SWPPP SHEET.
- CONSTRUCTION SUPPORT ACTIVITY: ONLY PROPERTY LOCATED ON THESE PLAN SHEETS.
- WATERS OF THE US: THIS PROPERTY IS LOCATED THREE (3) MILES FROM THE RIO GRANDE RIVER WITH OTHER EXISTING DEVELOPMENTS IN BETWEEN.
- CRITICAL HABITAT: BASED OFF CORRESPONDENCE WITH US FISH AND WILDLIFE, THERE IS NO EFFECT ON ANY ENDANGERED SPECIES ON THIS SITE. THIS IS AN EXISTING DEVELOPED SITE THAT WILL BE REDEVELOPED.
- PRE-CONSTRUCTION COVER: THIS SITE IS DEVELOPED IN ITS EXISTING CONDITIONS WITH PAVEMENTS AND BUILDING SLAB FOUNDATIONS.
- DRAINAGE PATTERNS: THE EXISTING DRAINAGE PATTERNS GENERALLY FLOW FROM THE EAST TO THE WEST.
- DIRECTLY CONNECTED STORM DRAINS AND CHANNELS: NO EXISTING DRAINAGE STRUCTURES ARE ON THIS SITE. THE PROPOSED CONDITIONS OF THE SITE WILL HAVE AN OVERFLOW DISCHARGE TO THE JEFFERSON ST NE ROADWAY VIA SIDEWALK CULVERTS ON THE WEST SIDEWALK ON THIS SITE.
- POLLUTANT GENERATING ACTIVITIES: NO POLLUTANT GENERATING ACTIVITIES WILL BE DONE ON THIS SITE. IF ANY POLLUTANTS ARE PART OF THE CONSTRUCTION OF THIS PROJECT, AN INVENTORY WILL BE TAKEN TO ACCOUNT FOR ANY POTENTIAL SPILLS OR LEAKS THAT COULD DISCHARGE INTO THE STORMWATER SYSTEM.
- BMP LOCATIONS AND DETAILS: SHOWN ON THE PROPOSED SWPPP SHEET AND DETAIL SHEET.
- CHEMICALS: IF PRESENT, AN INVENTORY WILL BE TAKEN ALONG WITH WHERE THEY WILL BE STORED AND USED.
- SEDIMENT BASIN: DRAINAGE BASIN SHALL PROVIDE THE CALCULATED VOLUME OF 3,600 CF PER ACRE OF DRAINAGE AREA. 8.54 AC DRAINAGE AREA AND REQUIRES 30,744 CF (31,724 CF PROVIDED IN NORTHWEST DETENTION BASIN)
- STABILIZATION MEASURES: 6:1 POND SIDE SLOPES SHALL BE STABILIZED WITH 1" AGGREGATE MULCH (BOTTOM 6" OF BASE OF POND SHALL BE 2" MIN) AGGREGATE MULCH AT 4" DEPTH OVER 3" DEPTH OF WOOD MULCH

REVISIONS:

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PROJECT

U-HAUL
PR-2023-008710
SI-2025-00082
ALBUQUERQUE NEW MEXICO
SITE ADDRESS:
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8200 JEFFERSON ST

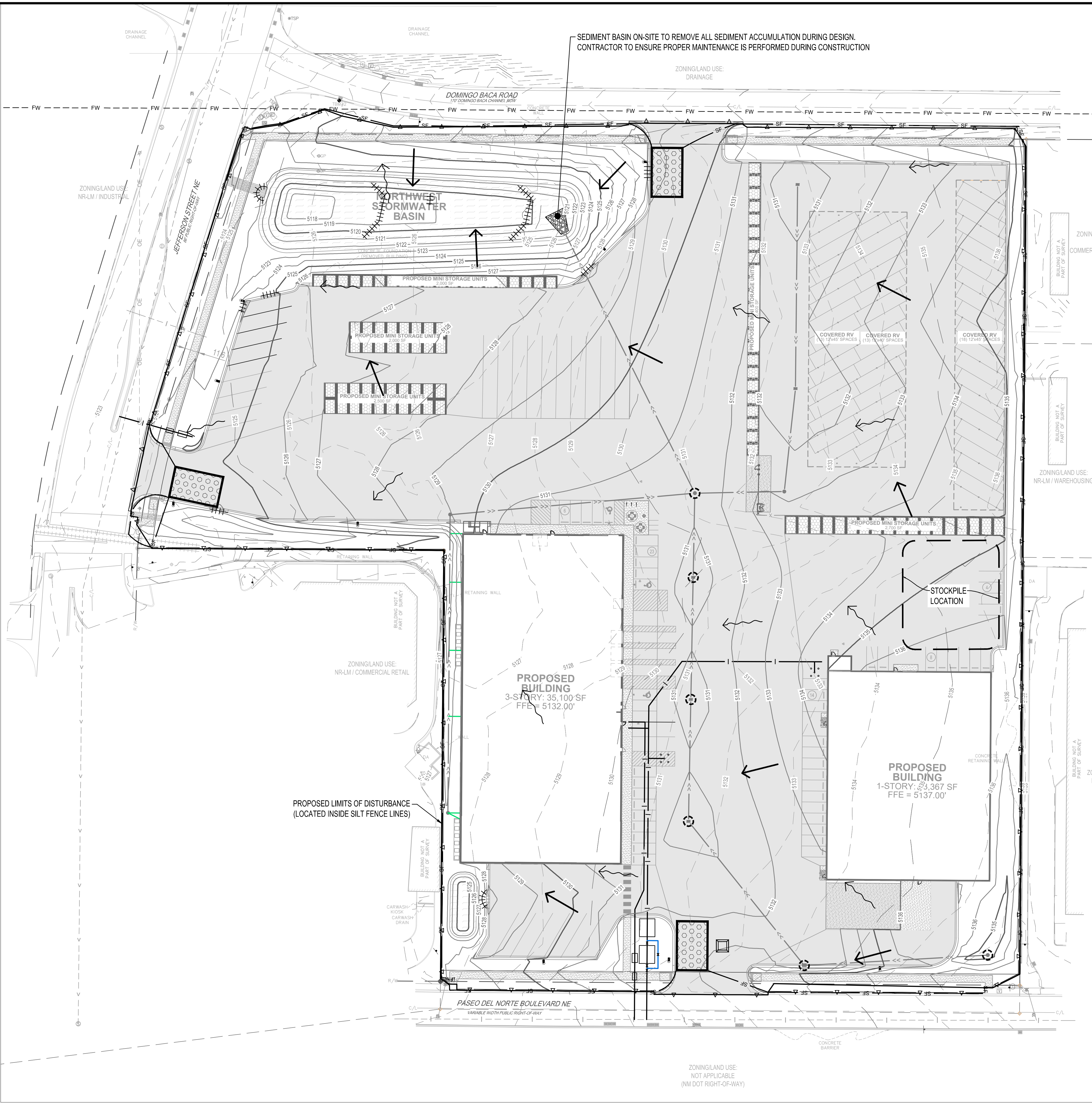
SHEET CONTENTS:

PROPOSED SWPPP

824071

DRAWN:	GBV
CHECKED:	ARA C1-40
DATE:	12/03/25

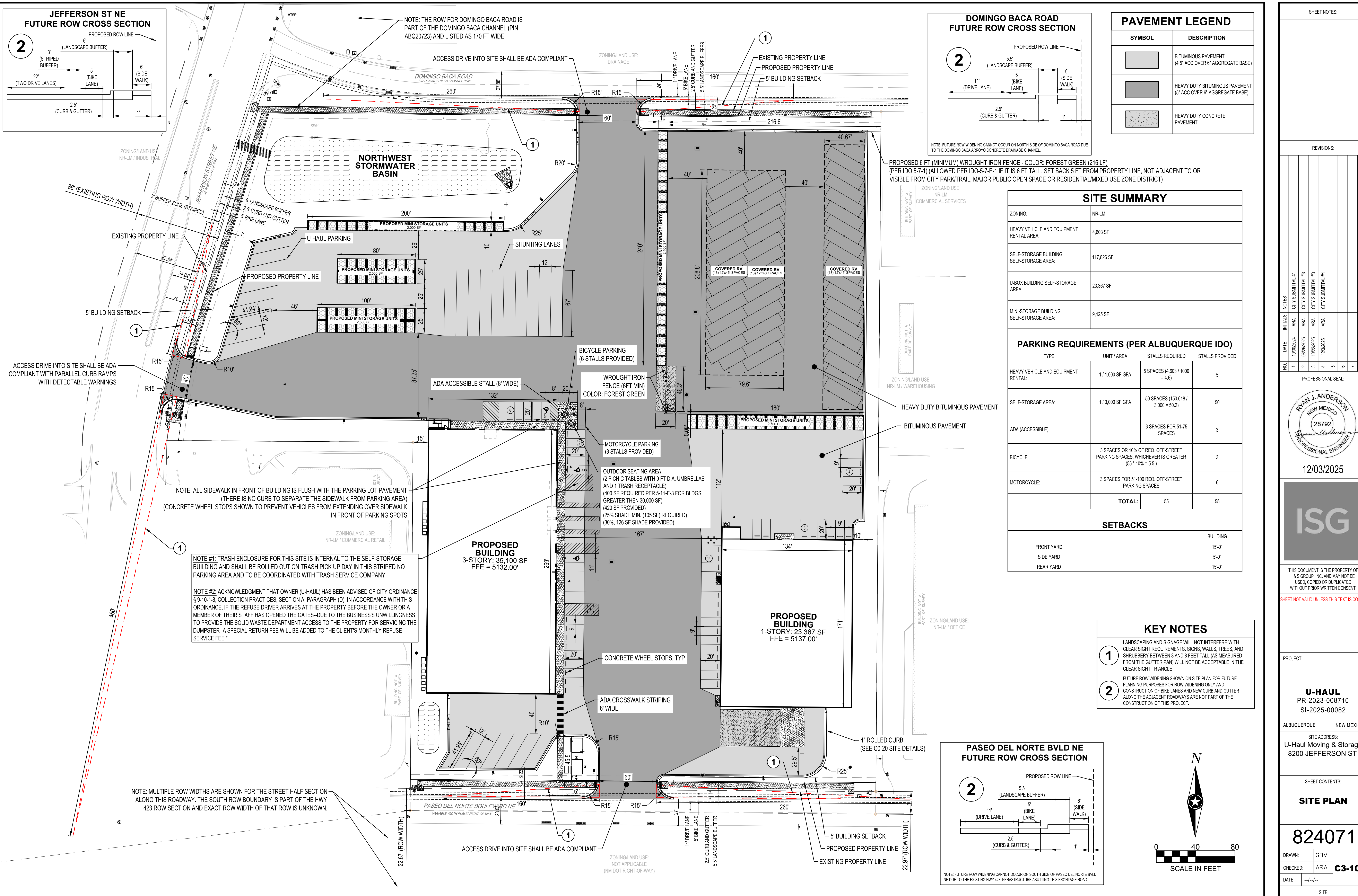
C1-SWPPP



EROSION CONTROL LEGEND

SYMBOL	DESCRIPTION
— SF —	SILT FENCE, PREASSEMBLED
	BIO ROLL
⊗	ROCK CONSTRUCTION EXIT
□	CONCRETE WASHOUT AREA
↗	EXISTING DRAINAGE ARROW
➔	PROPOSED DRAINAGE ARROW

PERIMETER CONTROL CAN BE SILT FENCE OR SEDIMENT CONTROL LOG.
SEE SITE RESTORATION PLAN FOR FINAL TURF ESTABLISHMENT.
NOTE: EROSION CONTROL PLAN COVERAGE INCLUDES ELECTRIC, GAS, TELEPHONE, AND CABLE INSTALLATION. EACH COMPANY OR THEIR SUBCONTRACTOR IS RESPONSIBLE TO FOLLOW THE REQUIREMENTS OF THIS PLAN, INCLUDING PROVIDING THEIR OWN RESTORATION IF INSTALLATION OCCURS AFTER PRIMARY INSTALLATION OF SEEDING/SODDING/MULCHING DURING CONSTRUCTION OF EACH UTILITY.



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PROFESSIONAL SEAL:

RYAN J. ANDERSON
NEW MEXICO
28792
PROFESSIONAL ENGINEER

12/03/2025

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PR-2023-008710
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ALBUQUERQUE NEW MEXICO

SITE ADDRESS:
U-Haul Moving & Storage
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SHEET CONTENTS:

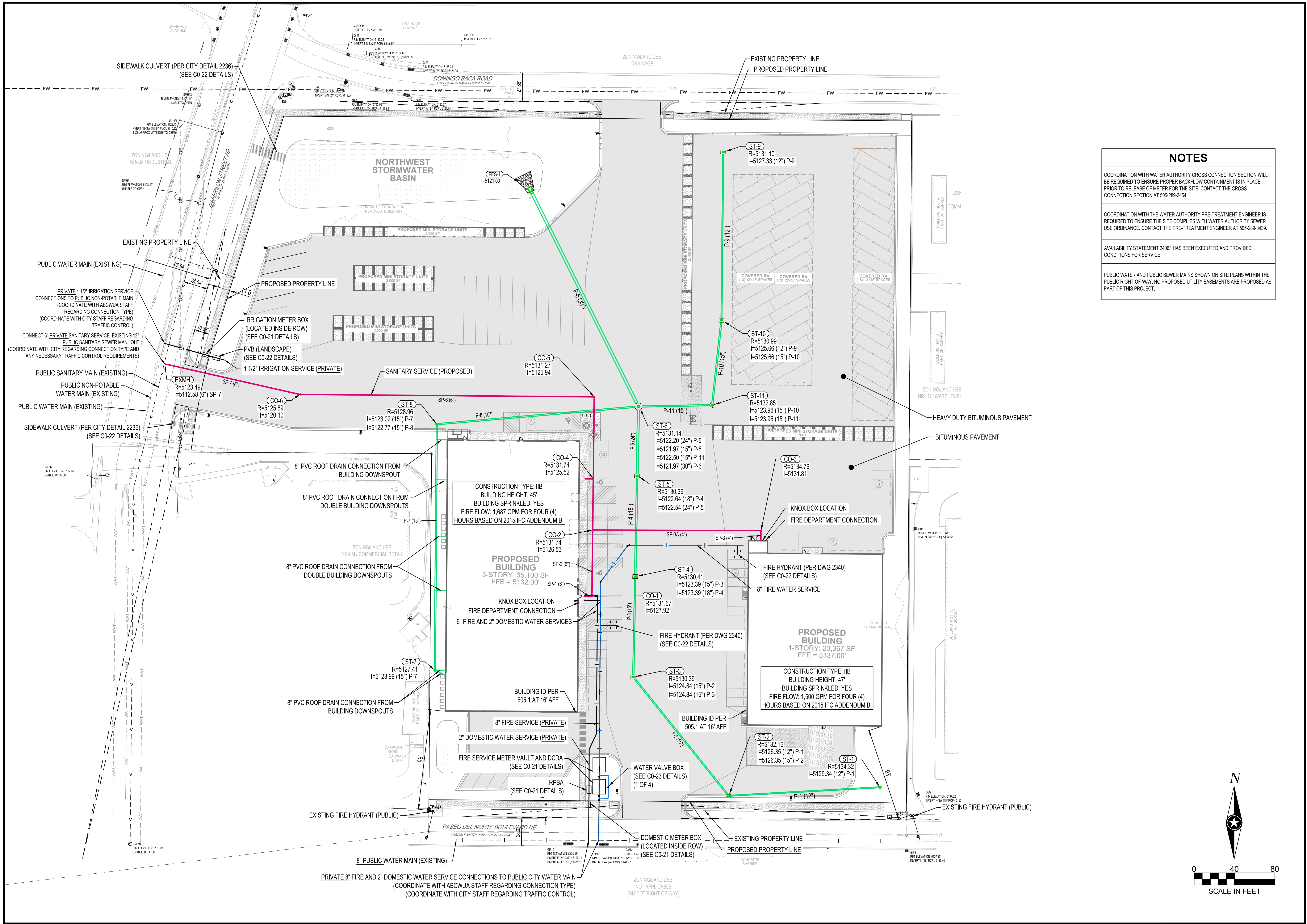
SITE PLAN

824071

DRAWN: GBV
CHECKED: ARA
DATE: 12/03/2025

C3-10

SITE



NOTES

COORDINATION WITH WATER AUTHORITY CROSS CONNECTION SECTION WILL BE REQUIRED TO ENSURE PROPER BACKFLOW CONTAINMENT IS IN PLACE PRIOR TO RELEASE OF METER FOR THE SITE. CONTACT THE CROSS CONNECTION SECTION AT 505-289-3454.

COORDINATION WITH THE WATER AUTHORITY PRE-TREATMENT ENGINEER IS REQUIRED TO ENSURE THE SITE COMPLIES WITH WATER AUTHORITY SEWER USE ORDINANCE. CONTACT THE PRE-TREATMENT ENGINEER AT 505-289-3439.

AVAILABILITY STATEMENT 24063 HAS BEEN EXECUTED AND PROVIDED CONDITIONS FOR SERVICE.

PUBLIC WATER AND PUBLIC SEWER MAINS SHOWN ON SITE PLANS WITHIN THE PUBLIC RIGHT-OF-WAY. NO PROPOSED UTILITY EASEMENTS ARE PROPOSED AS PART OF THIS PROJECT.

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PROFESSIONAL SEAL:

RYAN J. ANDERSON
 NEW MEXICO
 28792
 PROFESSIONAL ENGINEER

12/03/2025

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PROJECT:

U-HAUL
PR-2023-008710
SI-2025-00082

ALBUQUERQUE NEW MEXICO

SITE ADDRESS:
U-Haul Moving & Storage
8200 JEFFERSON ST

SHEET CONTENTS:

UTILITY PLAN

824071

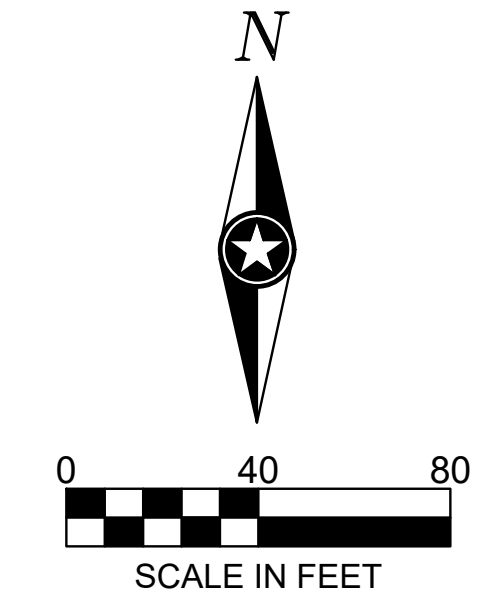
DRAWN: GBV
CHECKED: ARA
DATE: C3-20

UTILITY

STORM DRAIN PIPE SCHEDULE									
PIPE NO.	DRAIN FROM	INLET ELEVATION	DRAIN TO	OUTLET ELEVATION	PIPE SIZE (IN)	MATERIAL	PIPE CLASS	PIPE GRADE	PIPE LENGTH (FT)
P-1	ST-1	5129.34	ST-2	5126.35	12	HDPE	HDPE	1.99%	150
P-2	ST-2	5126.35	ST-3	5124.84	15	HDPE	HDPE	1.00%	151
P-3	ST-3	5124.84	ST-4	5123.39	15	HDPE	HDPE	1.45%	100
P-4	ST-4	5123.39	ST-5	5122.64	18	HDPE	HDPE	0.75%	100
P-5	ST-5	5122.64	ST-6	5122.20	24	HDPE	HDPE	0.50%	69
P-6	ST-6	5121.97	FES-1	5121.00	30	HDPE	HDPE	0.40%	243
P-7	ST-7	5123.99	ST-8	5123.02	15	HDPE	HDPE	0.40%	244
P-8	ST-8	5122.77	ST-6	5121.97	15	HDPE	HDPE	0.40%	201
P-9	ST-9	5127.33	ST-10	5125.66	12	HDPE	HDPE	1.00%	167
P-10	ST-10	5125.66	ST-11	5123.96	15	HDPE	HDPE	2.00%	85
P-11	ST-11	5123.96	ST-6	5122.50	15	HDPE	HDPE	2.00%	73

STORM DRAIN STRUCTURE SCHEDULE							
STRUCTURE NO.	STRUCTURE TYPE	STRUCTURE SIZE (IN)	STRUCTURE MATERIAL	CASTING	* TOP OF CASTING ELEVATION	OUTLET INVERT	OUTLET PIPE
ST-1	DRAIN BASIN	18 Ø	HDPE	BEEHIVE GRATE	5134.32	5129.34	P-1
ST-2	ALBQ. TYPE "C" (SINGLE)	36 x 48	RC	CURB CASTING	5132.16	5126.35	P-2
ST-3	ALBQ. TYPE "D" (SINGLE)	48 Ø	RC	(SEE CITY DETAIL 2220)	5130.39	5124.84	P-3
ST-4	ALBQ. TYPE "D" (SINGLE)	48 Ø	RC	(SEE CITY DETAIL 2220)	5130.41	5123.39	P-4
ST-5	ALBQ. TYPE "D" (SINGLE)	48 Ø	RC	(SEE CITY DETAIL 2220)	5130.39	5122.54	P-5
ST-6	ALBQ. TYPE "E" MANHOLE	72 Ø	RC	SOLID COVER	5131.14	5121.97	P-6
ST-7	DRAIN BASIN	12 Ø	HDPE	SOLID COVER	5127.41	5123.99	P-7
ST-8	DRAIN BASIN	48 Ø	HDPE	HEAVY DUTY	5128.96	5122.77	P-8
ST-9	ALBQ. TYPE "C" (SINGLE)	48 Ø	RC	(SEE CITY DETAIL 2220)	5131.10	5127.33	P-9
ST-10	ALBQ. TYPE "C" (SINGLE)	48 Ø	RC	(SEE CITY DETAIL 2220)	5130.99	5125.66	P-10
ST-11	ALBQ. TYPE "E" MANHOLE	48 Ø	RC	SOLID COVER	5132.85	5123.96	P-11

STORM DRAIN APRON SCHEDULE				
APRON NO.	APRON SIZE (IN)	APRON MATERIAL	INVERT ELEVATION	PIPE NO.
FES-1	30	RCP	5121.00	P-6



NOTES

COORDINATION WITH WATER AUTHORITY CROSS CONNECTION SECTION WILL BE REQUIRED TO ENSURE PROPER BACKFLOW CONTAINMENT IS IN PLACE PRIOR TO RELEASE OF METER FOR THE SITE. CONTACT THE CROSS CONNECTION SECTION AT 505-289-3454.

COORDINATION WITH THE WATER AUTHORITY PRE-TREATMENT ENGINEER IS REQUIRED TO ENSURE THE SITE COMPLIES WITH WATER AUTHORITY SEWER USE ORDINANCE. CONTACT THE PRE-TREATMENT ENGINEER AT 505-289-3439.

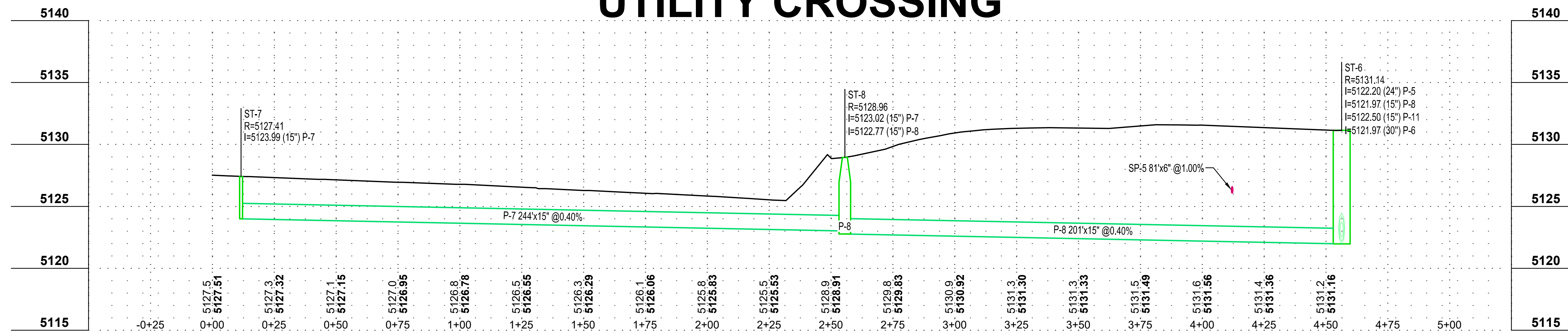
AVAILABILITY STATEMENT 24063 HAS BEEN EXECUTED AND PROVIDED CONDITIONS FOR SERVICE.

PUBLIC WATER AND PUBLIC SEWER MAINS SHOWN ON SITE PLANS WITHIN THE PUBLIC RIGHT-OF-WAY. NO PROPOSED UTILITY EASEMENTS ARE PROPOSED AS PART OF THIS PROJECT.

SANITARY SEWER PIPE SCHEDULE									
PIPE NO.	DRAIN FROM	INLET ELEVATION	DRAIN TO	OUTLET ELEVATION	PIPE SIZE	MATERIAL	PIPE CLASS	PIPE GRADE	PIPE LENGTH (FT)
SP-1	SS BLDG 1	5128.00	CO-1	5127.92	6"	PVC	SDR-35	1.00%	8
SP-2	CO-1	5127.92	CO-2	5127.26	6"	PVC	SDR-35	1.00%	66
SP-3	U-BOX	5132.00	CO-3	5131.81	4"	PVC	SCH 35	2.00%	10
SP-3A	CO-3	5131.81	CO-2	5126.53	4"	PVC	SCH 35	3.16%	167
SP-4	CO-2	5127.26	CO-4	5126.76	6"	PVC	SDR-35	1.00%	51
SP-4A	SS BLDG 2	5126.00	CO-4	5125.52	6"	PVC	SDR-35	5.84%	8
SP-5	CO-4	5126.76	CO-5	5125.94	6"	PVC	SDR-35	1.00%	81
SP-6	CO-5	5125.94	CO-6	5120.10	6"	PVC	SDR-35	2.00%	292
SP-7	CO-6	5120.10	EXMH	5112.58	6"	PVC	SDR-35	5.45%	138

SANITARY SEWER STRUCTURE SCHEDULE							
STRUCTURE NO.	STRUCTURE TYPE	STRUCTURE SIZE (IN)	STRUCTURE MATERIAL	CASTING	TOP OF CASTING ELEVATION	INVERT ELEVATION	OUTLET PIPE
CO-1	CLEANOUT	6 Ø	PVC	SOLID COVER	5131.67	5127.92	SP-2
CO-2	CLEANOUT	6 Ø	PVC	SOLID COVER	5131.74	5126.53	SP-4
CO-3	CLEANOUT	4 Ø	PVC	SOLID COVER	5134.79	5131.81	SP-3A
CO-4	CLEANOUT	6 Ø	PVC	SOLID COVER	5131.74	5125.52	SP-5
CO-5	CLEANOUT	6 Ø	PVC	SOLID COVER	5131.27	5125.94	SP-6
CO-6	CLEANOUT	6 Ø	PVC	SOLID COVER	5125.89	5120.10	SP-7

UTILITY CROSSING



SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	10/30/2024	ARA	CITY SUBMITTAL #1
2	06/20/2025	ARA	CITY SUBMITTAL #3
3	10/22/2025	ARA	CITY SUBMITTAL #3
4	12/20/2025	ARA	CITY SUBMITTAL #4
5			
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PROFESSIONAL SEAL:

RYAN J. ANDERSON
NEW MEXICO
28792
PROFESSIONAL ENGINEER

12/03/2025

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PROJECT

U-HAUL
PR-2023-008710
SI-2025-00082

ALBUQUERQUE NEW MEXICO

SITE ADDRESS:
U-Haul Moving & Storage
8200 JEFFERSON ST

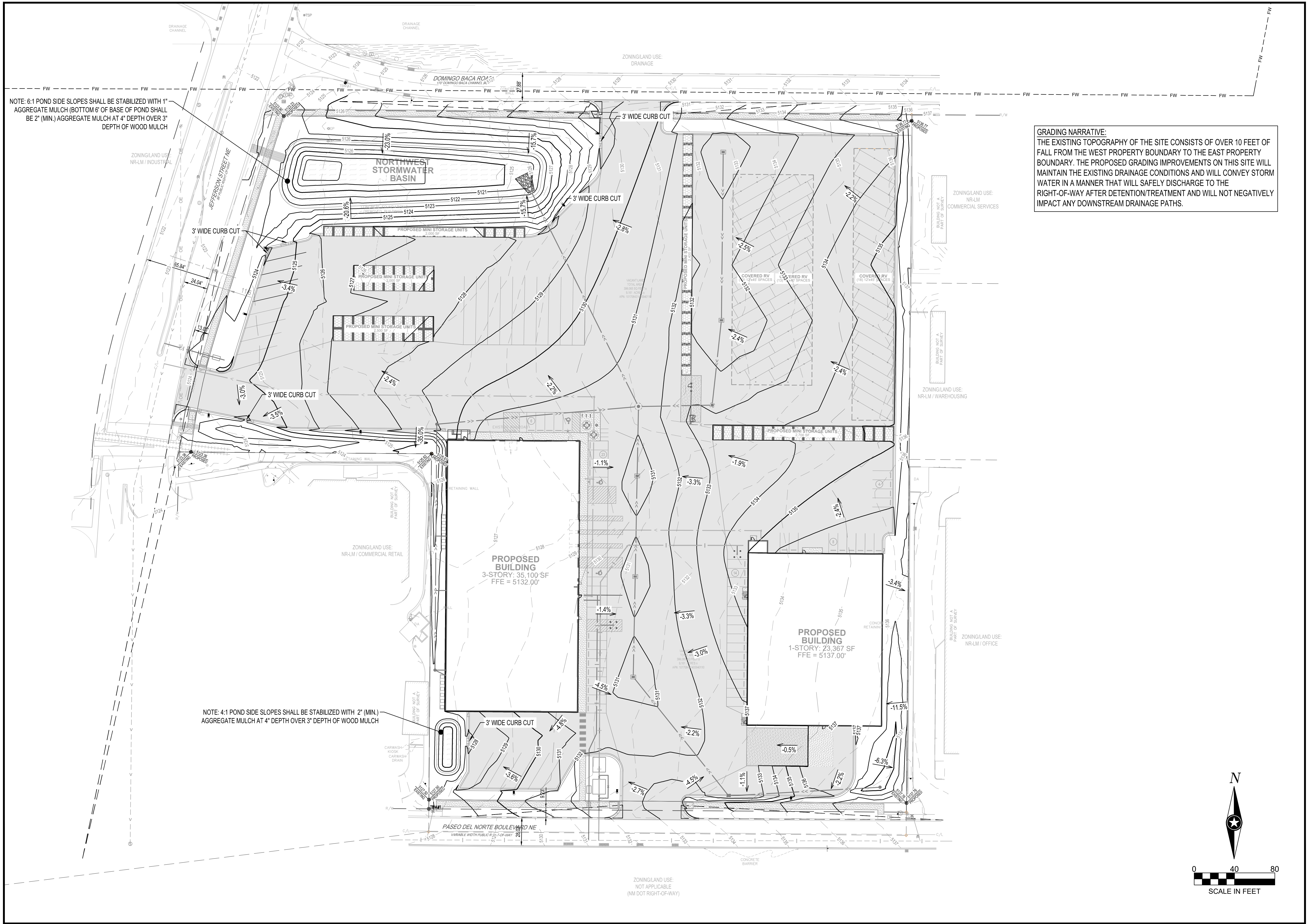
SHEET CONTENTS:

UTILITY PROFILES AND SCHEDULES

824071

DRAWN:	GBV
CHECKED:	ARA C3-21
DATE:	12/03/25

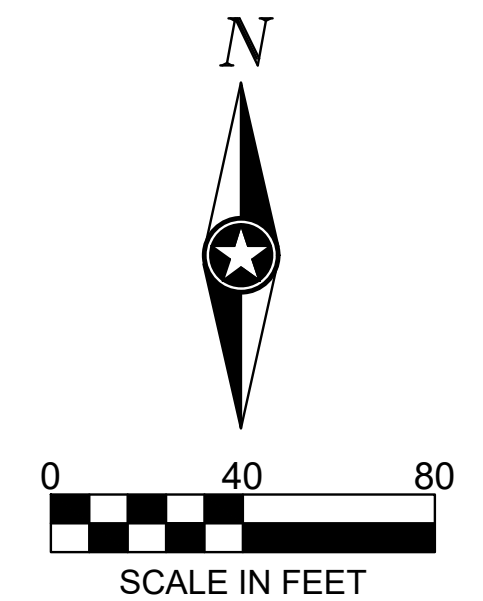
UTILITY



NOTE: 6:1 POND SIDE SLOPES SHALL BE STABILIZED WITH 1" AGGREGATE MULCH (BOTTOM 6" OF BASE OF POND SHALL BE 2" (MIN.) AGGREGATE MULCH AT 4" DEPTH OVER 3" DEPTH OF WOOD MULCH)

NOTE: 4:1 POND SIDE SLOPES SHALL BE STABILIZED WITH 2" (MIN.) AGGREGATE MULCH AT 4" DEPTH OVER 3" DEPTH OF WOOD MULCH

GRADING NARRATIVE:
 THE EXISTING TOPOGRAPHY OF THE SITE CONSISTS OF OVER 10 FEET OF FALL FROM THE WEST PROPERTY BOUNDARY TO THE EAST PROPERTY BOUNDARY. THE PROPOSED GRADING IMPROVEMENTS ON THIS SITE WILL MAINTAIN THE EXISTING DRAINAGE CONDITIONS AND WILL CONVEY STORM WATER IN A MANNER THAT WILL SAFELY DISCHARGE TO THE RIGHT-OF-WAY AFTER DETENTION/TREATMENT AND WILL NOT NEGATIVELY IMPACT ANY DOWNSTREAM DRAINAGE PATHS.



SHEET NOTES:

REVISIONS:	
NO.	DATE
1	10/02/2024
2	09/02/2025
3	10/22/2025
4	12/23/2025
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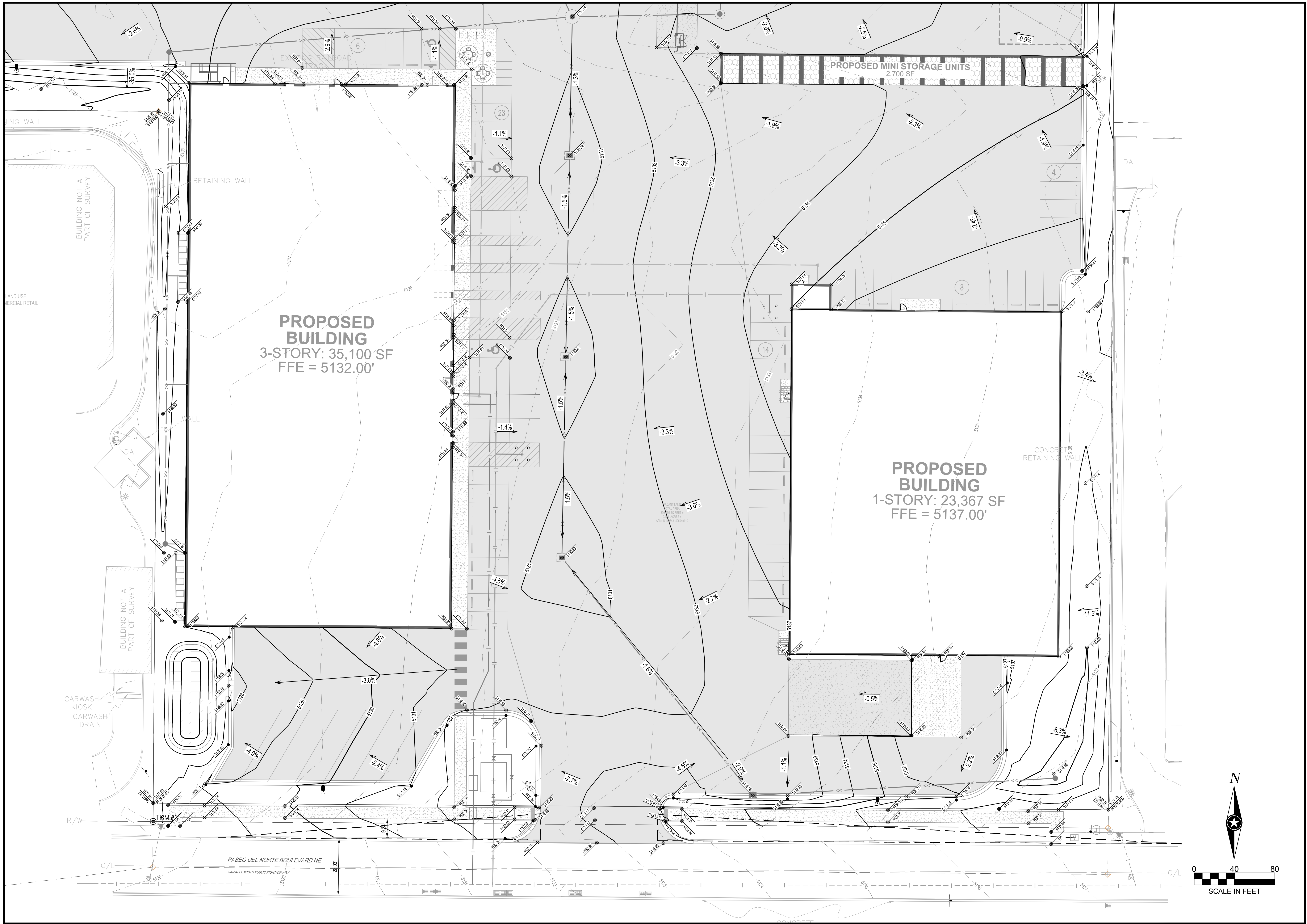
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 NEW MEXICO
 28792
 PROFESSIONAL ENGINEER

12/03/2025

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 ALBUQUERQUE NEW MEXICO
 SITE ADDRESS:
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 8200 JEFFERSON ST

SHEET CONTENTS:
GRADING PLAN
824071
 DRAWN: GBV
 CHECKED: ARA **C4-10**
 DATE: 12/03/2025
 GRADING



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NEW MEXICO
28792
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ALBUQUERQUE NEW MEXICO

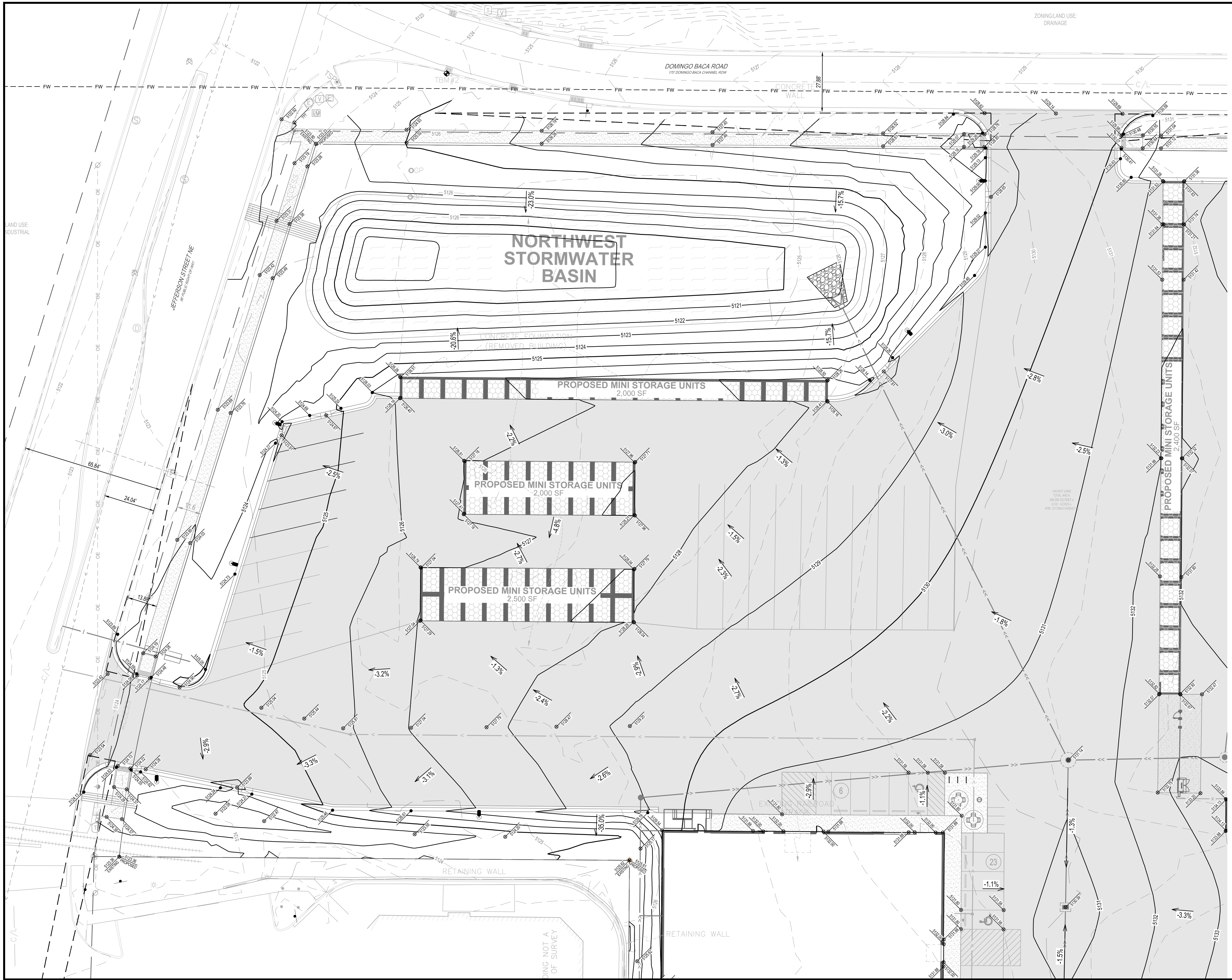
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8200 JEFFERSON ST

SHEET CONTENTS:
DETAILED GRADING PLAN

824071

DRAWN:	GBV
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DATE:	12/03/25

DETAILED GRADING



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PROFESSIONAL SEAL:

RYAN J. ANDERSON
NEW MEXICO
28792
Professional Engineer

12/03/2025



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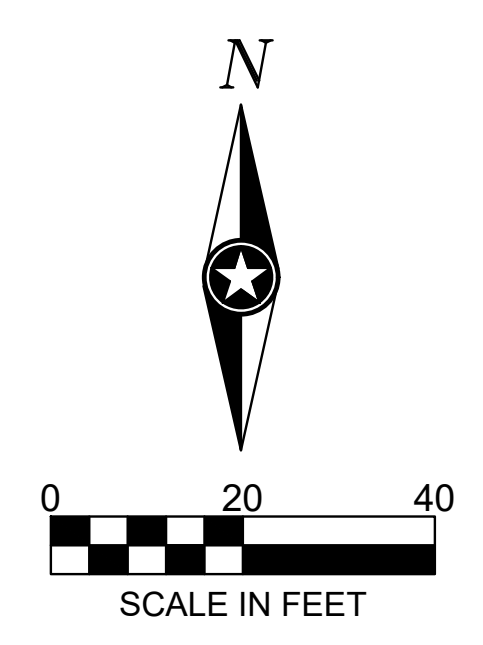
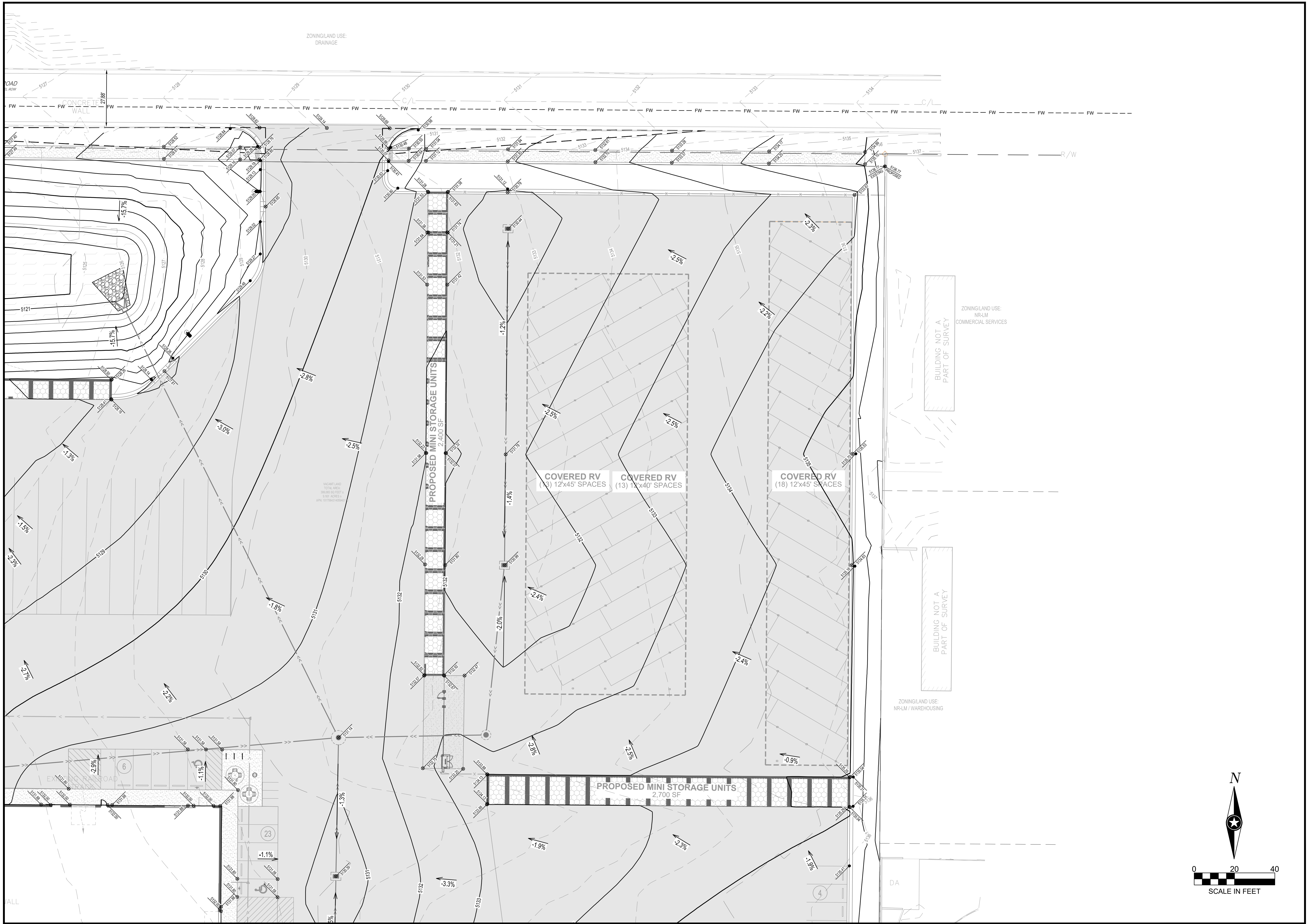
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DETAILED GRADING PLAN

824071

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CHECKED: ARA **C4-12**
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DETAILED GRADING



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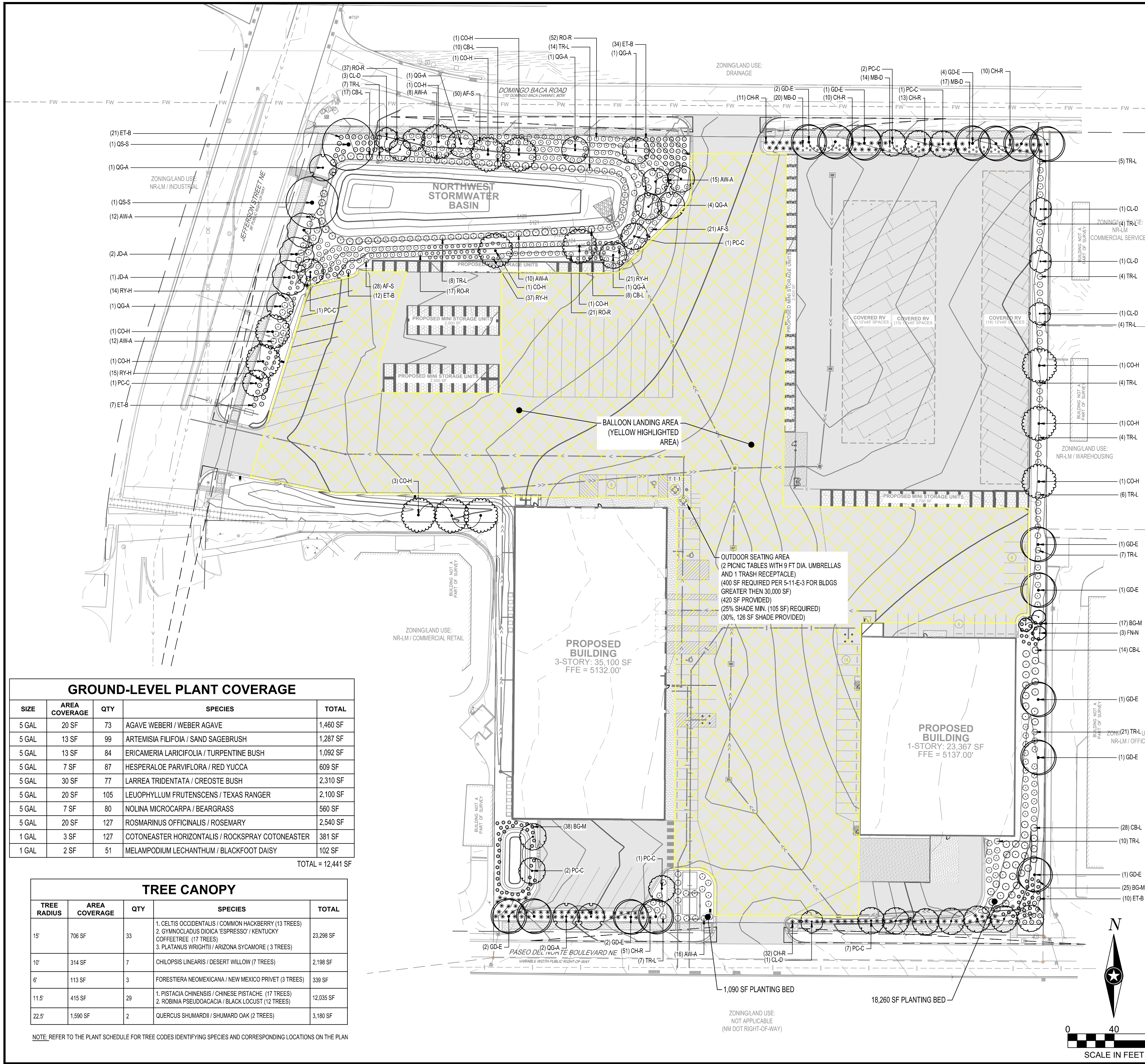
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 8200 JEFFERSON ST

SHEET CONTENTS:

DETAILED GRADING PLAN

824071

DRAWN: GBV
 CHECKED: ARA **C4-13**
 DATE: 12/03/2025
 DETAILED GRADING



CITY LANDSCAPE REQUIREMENTS (NR-LM)

TOTAL SITE AREA (10 AC): 386,871 SF
 BUILDING AREA: ~70,067 SF
 NET AREA: 316,804 SF

NON-RESIDENTIAL LIGHT MANUFACTURING STANDARDS:
 MUST PROVIDE A MINIMUM LANDSCAPE AREA OF 15% IF THE TOTAL NET LOT AREA = 316,804 X 0.15 = 47,521 SF
 REQUIRED / PROVIDED LANDSCAPE 47,521 SF (15%) / 73,740 SF (18.5%) **(COMPLIANT)**

REQUIRED VEGETATIVE COVERAGE: IDO 5-6 (C)(2)(C)
 LANDSCAPE COVERAGE REQUIREMENTS SPECIFY TREE CANOPIES AND GROUND-LEVEL PLANTS SHALL COVER A MINIMUM OF 75% OF THE TOTAL LANDSCAPE AREA. A MINIMUM OF 25% SHALL BE PROVIDED AS GROUND-LEVEL PLANTS (SHRUB, GRASSES, ETC) OF THE REQUIRED VEGETATIVE COVERAGE.

REQUIRED / PROVIDED LIVE VEGETATIVE COVERAGE 35,641 SF (75%) REQUIRED / 40,836 SF (83%) PROVIDED **(COMPLIANT)**
 REQUIRED / PROVIDED GROUND LEVEL COVERAGE 11,881 SF (25%) REQUIRED / 12,441 SF (26.2%) PROVIDED **(COMPLIANT)**

STREET FRONTAGE LANDSCAPING:
 TREES ARE REQUIRED ALONG STREET FRONTAGES EVERY (25') ON CENTER.
 • 1,400 LF OF LOT FRONTAGE / 25 = 56 TREES REQUIRED / 56 TREES PROPOSED **(COMPLIANT)**

PLANTING SHALL MEET THE MINIMUM SIZE REQUIREMENTS LISTED IN TABLE 5-6-3.

PARKING LOT INTERIOR REQUIREMENTS:
 AT LEAST (10%) OF THE PARKING LOT AREA OF LOTS CONTAINING 50 OR FEWER SPACES, AND AT LEAST (15%) OF THE PARKING LOT AREAS OF LOTS CONTAINING 50 OR MORE SPACES SHALL BE LANDSCAPED.

(1) TREE IS REQUIRED PER (10) PARKING SPACES
 • 55 PARKING STALLS / 10 = 5.5 TREES REQUIRED / 6 TREES PROPOSED **(COMPLIANT)**

AT LEAST (75%) OF THE REQUIRED PARKING AREA TREES SHALL BE DECIDUOUS CANOPY-TYPE SHADE TREES, CAPABLE OF ACHIEVING A MATURE CANOPY DIAMETER OF AT LEAST (25') **(COMPLIANT)**

GRAVEL MULCH COVERAGE:
 LANDSCAPE SHALL APPLY PURSUANT TO 5-6(C)(5)(C) THE USE OF GRAVEL OR CRUSHER FINES AS GROUND COVER IS LIMITED TO A MAXIMUM OF 75% OF ANY LANDSCAPED AREA

REQUIRED: 35,641 SF (NO MORE THAN 75%)
 PROVIDED: 35,468 SF (74%) **(COMPLIANT)**

ADDITIONAL NOTES:
 ALL LANDSCAPING IS PLACED WITHIN PROPERTY LINES
 ALL LANDSCAPING SHALL NOT BE PLACED WITHIN 10 FEET IN ANY DIRECTION OF THE CENTERLINE OF A SEWER OR WATER LINE **(COMPLIANT)**

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	ROOT
ORNAMENTAL TREES					
	CL-D	7	CHILOPSIS LINEARIS / DESERT WILLOW	1.5" CAL	B & B
	FN-N	3	FORESTIERA NEOMEXICANA / NEW MEXICO PRIVET	1.5" CAL	B & B
SHADE TREES					
	CO-H	13	CELTIS OCCIDENTALIS / COMMON HACKBERRY	2" CAL	B & B
	GD-E	16	GYMNOCLADUS DIOICA 'ESPRESSO' / KENTUCKY COFFEETREE	2" CAL	B & B
	PC-C	16	PISTACIA CHINENSIS / CHINESE PISTACHE	2" CAL	B & B
	JD-A	3	PLATANUS WRIGHTII / ARIZONA SYCAMORE	2" CAL	B & B
	QS-S	2	QUERCUS SHUMARDII / SHUMARD OAK	2" CAL	B & B
	QG-A	12	ROBINIA PSEUDOACACIA / BLACK LOCUST	2" CAL	B & B
SHRUBS					
	AW-A	73	AGAVE WEBERI / WEBER AGAVE	5 GAL	CONT
	AF-S	99	ARTEMISIA FILIFOLIA / SAND SAGEBRUSH	5 GAL	CONT
	ET-B	84	ERICAMERIA LARICIFOLIA / TURPENTINE BUSH	5 GAL	CONT
	RY-H	87	HESPERALOE PARVIFLORA / RED YUCCA	5 GAL	CONT
	CB-L	77	LARREA TRIDENTATA / CREOSOTE BUSH	5 GAL	CONT
	TR-L	105	LEUCOPHYLLUM FRUTESCENS / TEXAS RANGER	5 GAL	CONT
	BG-M	80	NOLINA MICROCARPA / BEARGRASS	5 GAL	CONT
	RO-R	127	ROSMARINUS OFFICINALIS / ROSEMARY	5 GAL	CONT
PERENNIALS					
	CH-R	127	COTONEASTER HORIZONTALIS / ROCKSPRAY COTONEASTER	1 GAL	CONT
	MB-D	51	MELAMPIDIUM LEUCANTHUM / BLACKFOOT DAISY	1 GAL	CONT

GROUND-LEVEL PLANT COVERAGE

SIZE	AREA COVERAGE	QTY	SPECIES	TOTAL
5 GAL	20 SF	73	AGAVE WEBERI / WEBER AGAVE	1,460 SF
5 GAL	13 SF	99	ARTEMISIA FILIFOLIA / SAND SAGEBRUSH	1,287 SF
5 GAL	13 SF	84	ERICAMERIA LARICIFOLIA / TURPENTINE BUSH	1,092 SF
5 GAL	7 SF	87	HESPERALOE PARVIFLORA / RED YUCCA	609 SF
5 GAL	30 SF	77	LARREA TRIDENTATA / CREOSOTE BUSH	2,310 SF
5 GAL	20 SF	105	LEUCOPHYLLUM FRUTESCENS / TEXAS RANGER	2,100 SF
5 GAL	7 SF	80	NOLINA MICROCARPA / BEARGRASS	560 SF
5 GAL	20 SF	127	ROSMARINUS OFFICINALIS / ROSEMARY	2,540 SF
1 GAL	3 SF	127	COTONEASTER HORIZONTALIS / ROCKSPRAY COTONEASTER	381 SF
1 GAL	2 SF	51	MELAMPIDIUM LEUCANTHUM / BLACKFOOT DAISY	102 SF

TOTAL = 12,441 SF

TREE CANOPY

TREE RADIUS	AREA COVERAGE	QTY	SPECIES	TOTAL
15'	706 SF	33	1. CELTIS OCCIDENTALIS / COMMON HACKBERRY (13 TREES) 2. GYMNOCLADUS DIOICA 'ESPRESSO' / KENTUCKY COFFEETREE (17 TREES) 3. PLATANUS WRIGHTII / ARIZONA SYCAMORE (3 TREES)	23,296 SF
10'	314 SF	7	CHILOPSIS LINEARIS / DESERT WILLOW (7 TREES)	2,198 SF
6'	113 SF	3	FORESTIERA NEOMEXICANA / NEW MEXICO PRIVET (3 TREES)	339 SF
11.5'	415 SF	29	1. PISTACIA CHINENSIS / CHINESE PISTACHE (17 TREES) 2. ROBINIA PSEUDOACACIA / BLACK LOCUST (12 TREES)	12,035 SF
22.5'	1,590 SF	2	QUERCUS SHUMARDII / SHUMARD OAK (2 TREES)	3,180 SF

NOTE: REFER TO THE PLANT SCHEDULE FOR TREE CODES IDENTIFYING SPECIES AND CORRESPONDING LOCATIONS ON THE PLAN

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	10/20/2024	ARA	CITY SUBMITTAL #1
2	09/20/2025	ARA	CITY SUBMITTAL #3
3	10/22/2025	ARA	CITY SUBMITTAL #4
4	12/20/2025	ARA	CITY SUBMITTAL #5
5			
6			
7			
8			

PROFESSIONAL SEAL:

12/03/2025

ISG

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PROJECT:

U-HAUL
 PR-2023-008710
 SI-2025-00082

ALBUQUERQUE NEW MEXICO

SITE ADDRESS:
 U-Haul Moving & Storage
 8200 JEFFERSON ST

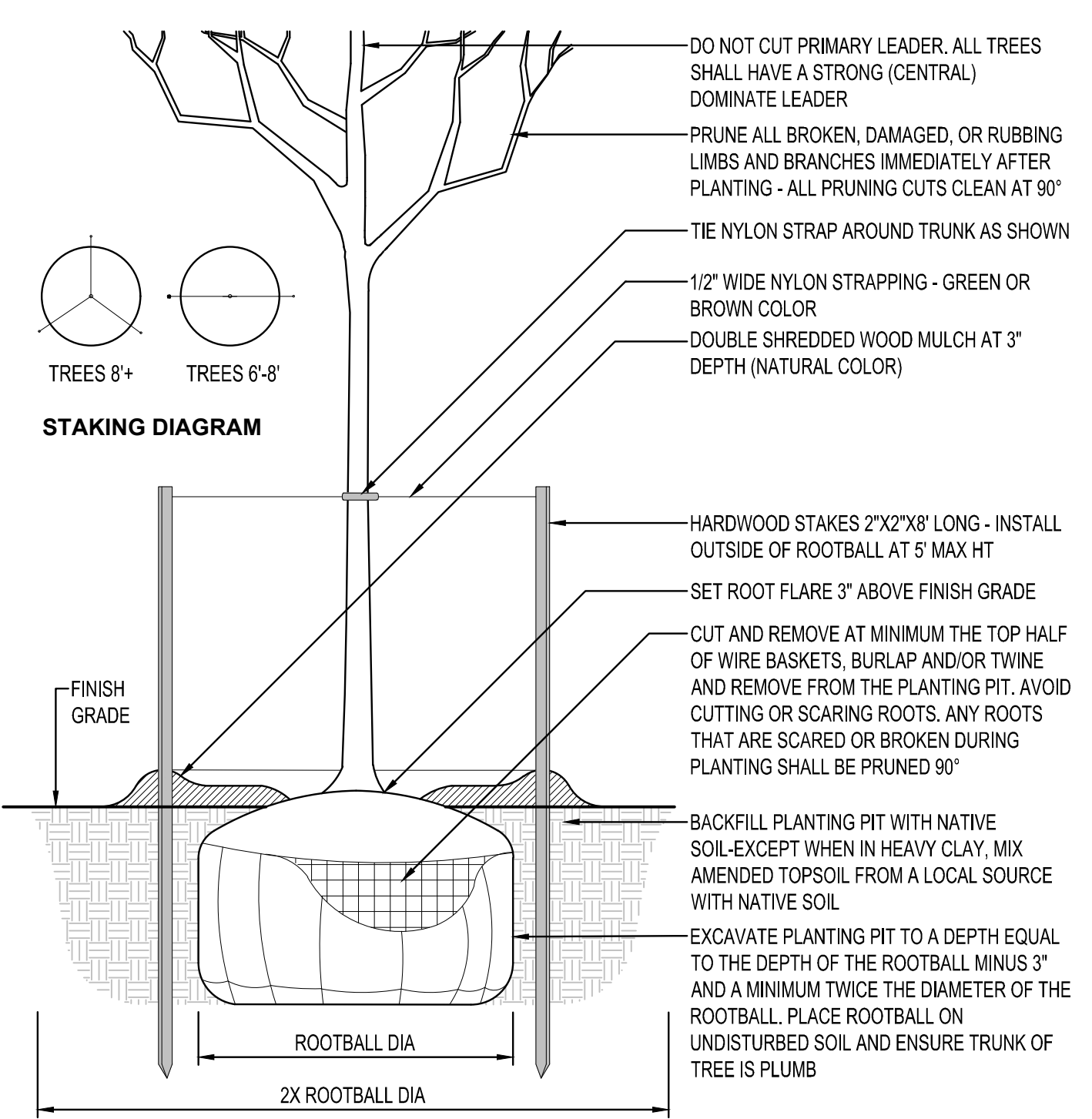
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ALTERNATIVE PLANTING PLAN

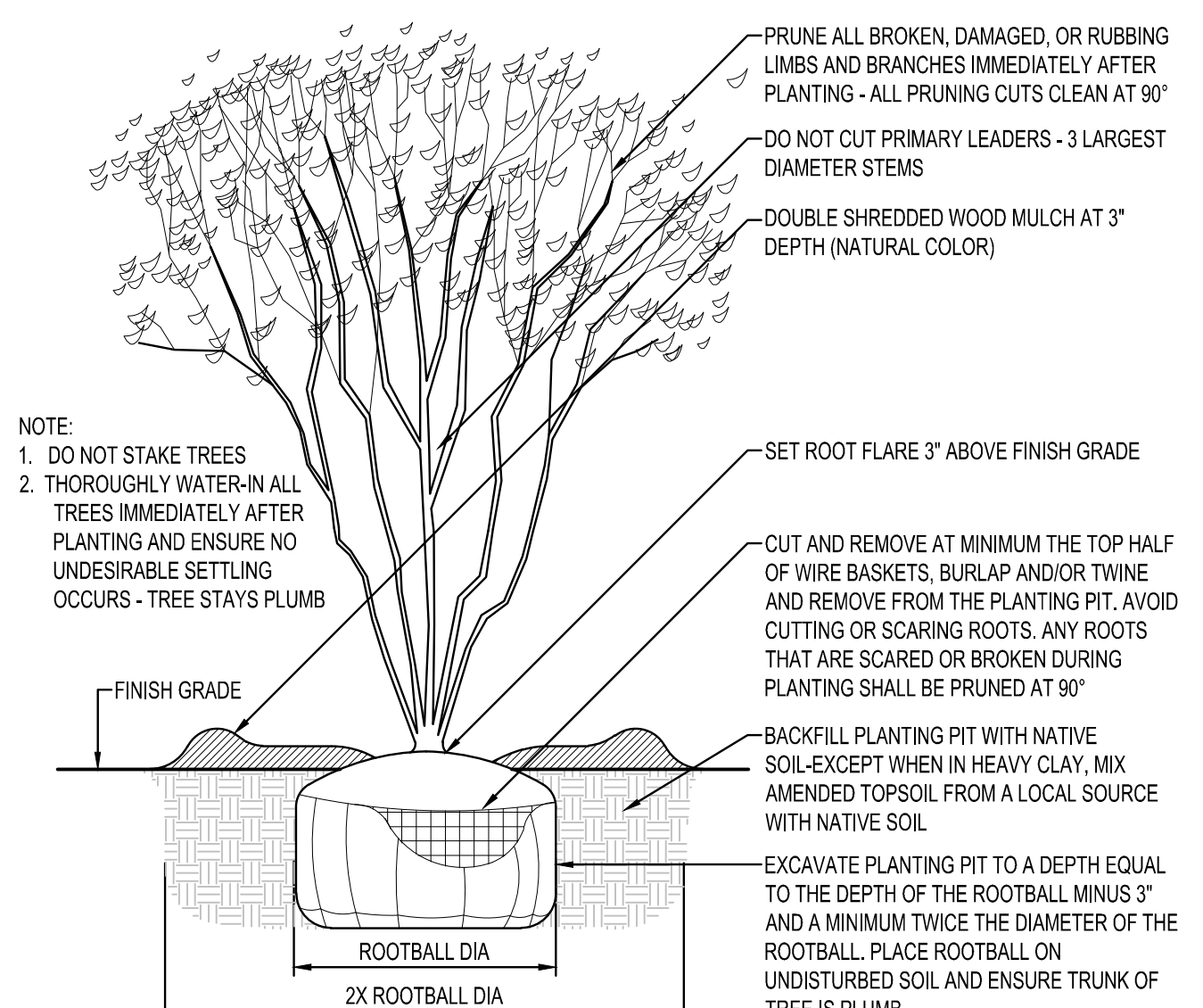
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 CHECKED: PN **C5-11**
 DATE: 12/03/2025

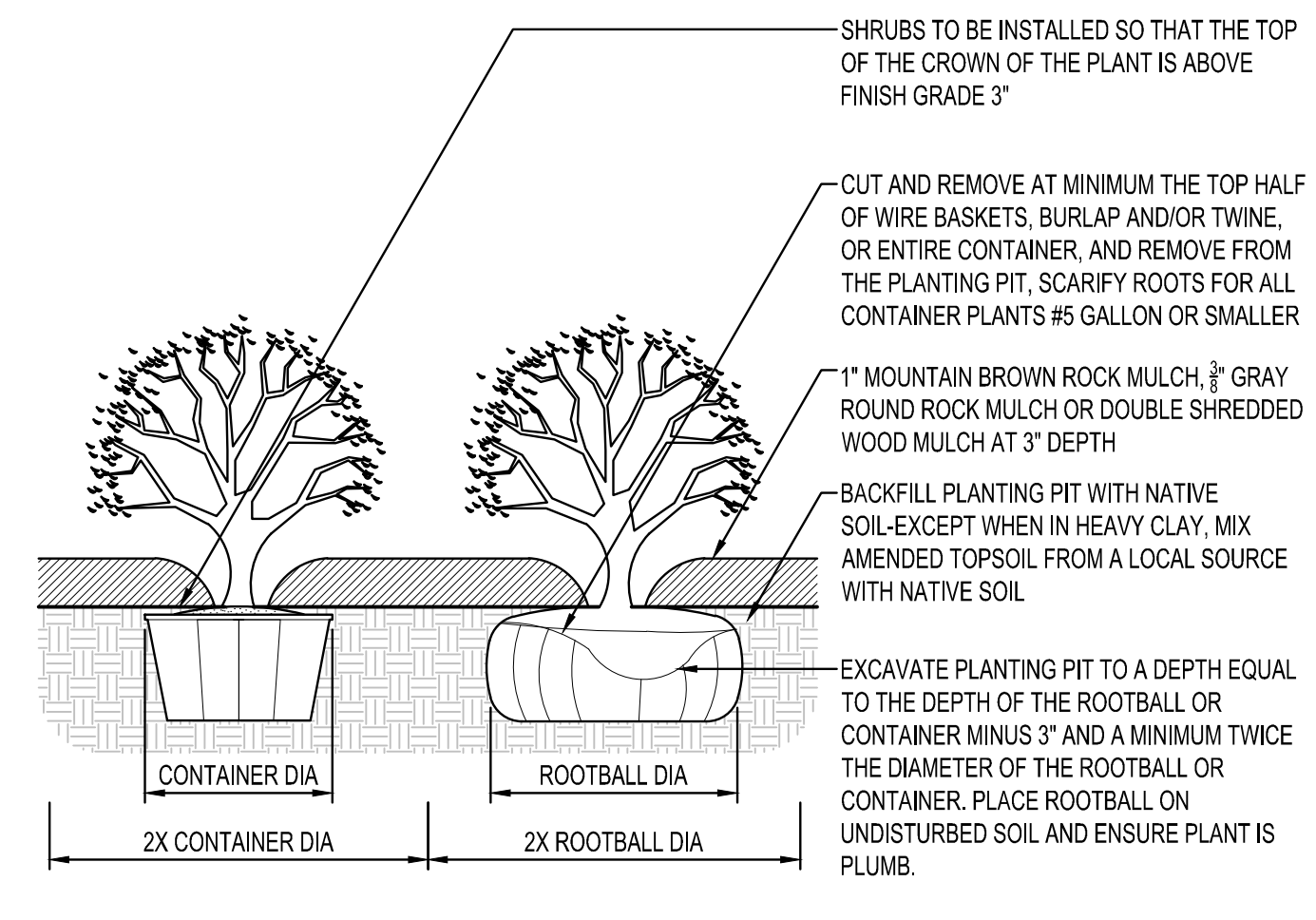
28816 C5 - LAND



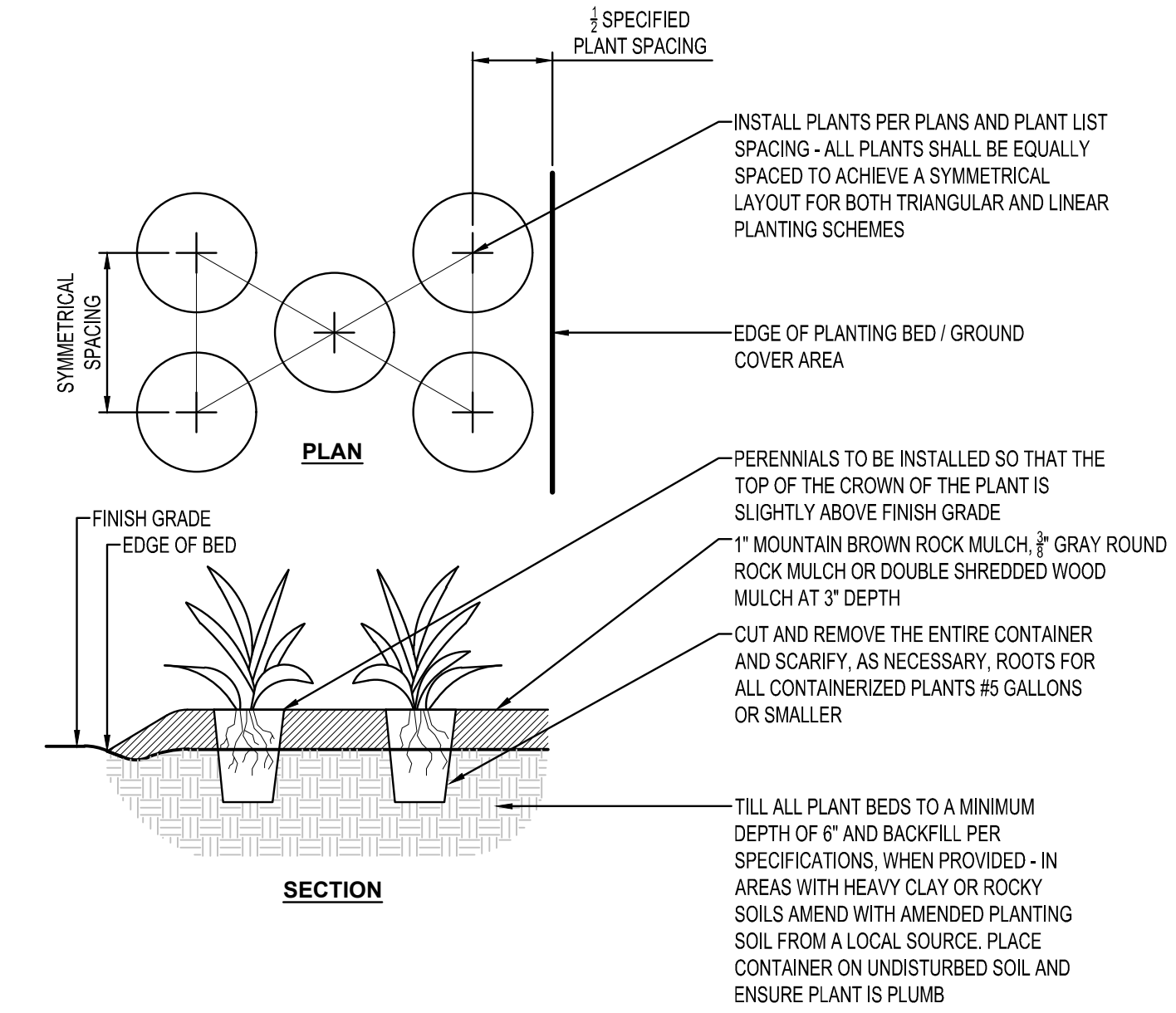
DECIDUOUS TREE PLANTING
NTS



MULTI-STEM TREE PLANTING
NTS



SHRUB PLANTING
NTS



PERENNIAL PLANTING
NTS

NO.	DATE	INITIALS	NOTES
1	10/20/2024	ARA	CITY SUBMITTAL #1
2	09/20/2025	ARA	CITY SUBMITTAL #3
3	10/22/2025	ARA	CITY SUBMITTAL #3
4	12/2/2025	ARA	CITY SUBMITTAL #4
5			
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12/03/2025



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PR-2023-008710
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SITE ADDRESS:
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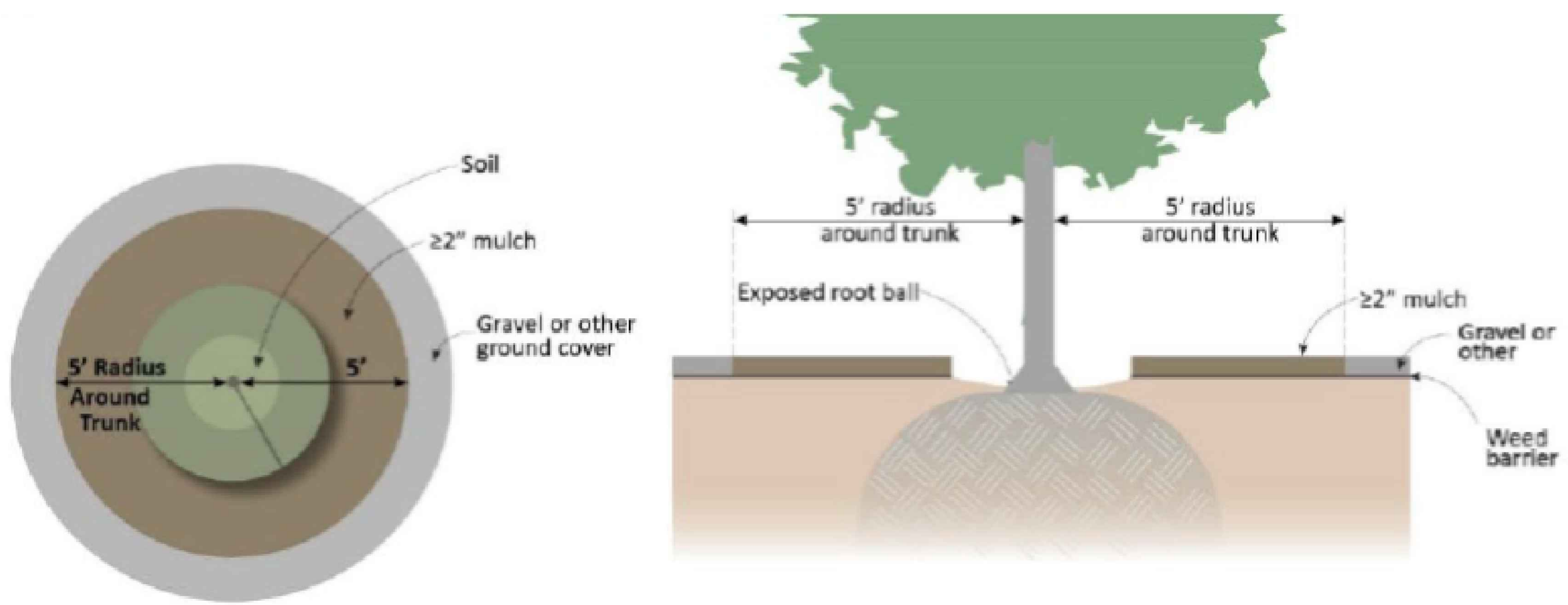
PLANTING NOTES AND DETAILS

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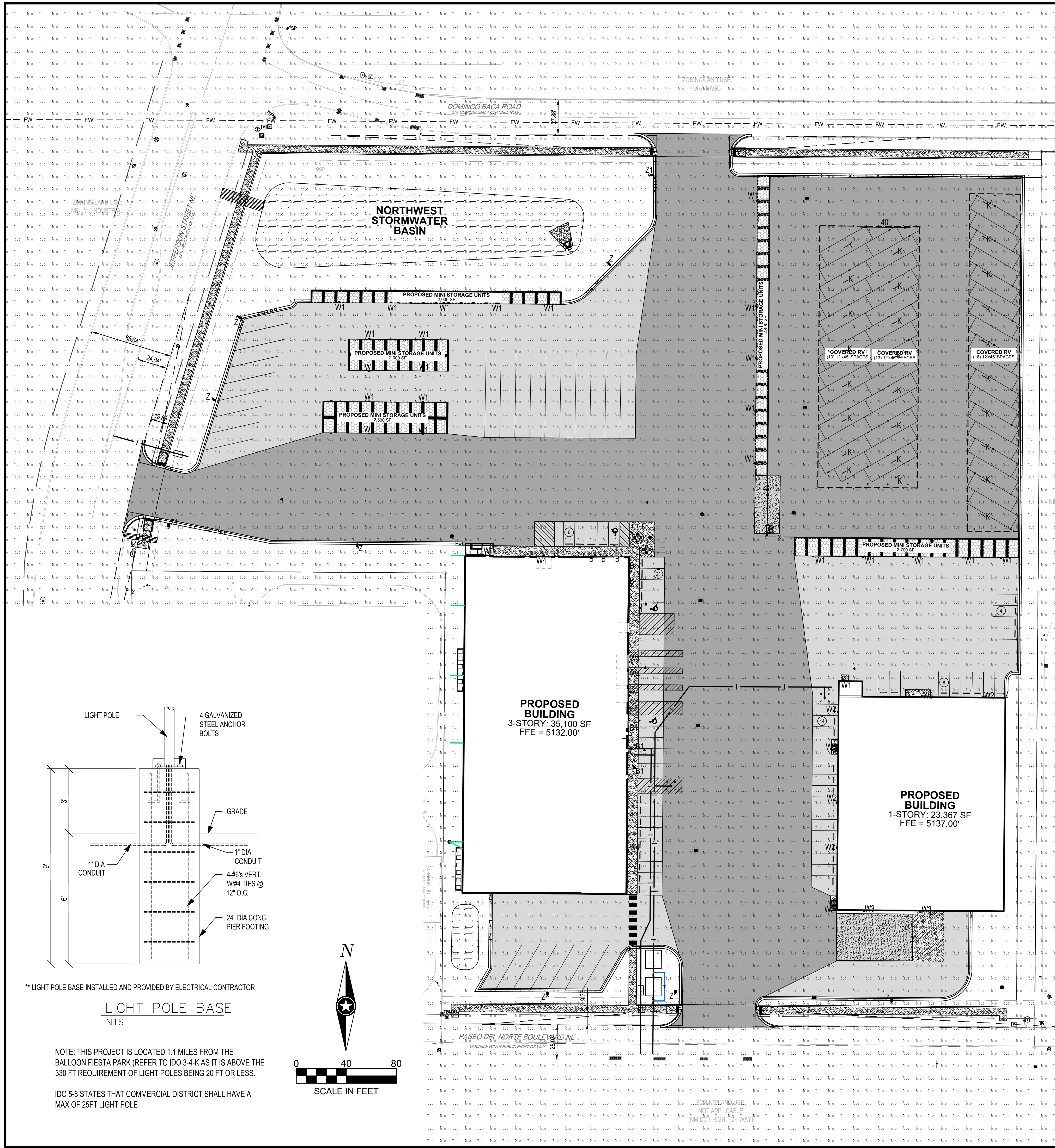
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CHECKED:	ARA C5-30
DATE:	12/03/25

PLANTING NOTES

- COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (FENCE, FOOTINGS, TREE ROOTBALLS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
- SAVE AND PROTECT ALL EXISTING TREES NOT NOTED TO BE REMOVED.
- REMOVE ALL CONSTRUCTION DEBRIS AND MATERIALS INJURIOUS TO PLANT GROWTH FROM PLANTING PITS AND BEDS PRIOR TO BACKFILLING WITH PLANTING MIX.
- REFER TO PLANTING DETAILS FOR AMENDED SOIL DEPTH IN PLANTING BEDS AND SURROUNDING TREES.
- FIELD STAKE PLANTINGS ACCORDING TO PLAN. OWNER'S REPRESENTATIVE SHALL APPROVE ALL PLANT LOCATIONS PRIOR TO INSTALLATION. OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REVISE PLANTING LAYOUT AT TIME OF INSTALLATION.
- ALL PLANT MATERIALS SHALL BE TRUE TO THEIR SCIENTIFIC NAME AND SIZE AS INDICATED IN THE PLANT SCHEDULE.
- IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE SCHEDULE, THE PLANTING PLAN SHALL GOVERN.
- ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
- ALL PLANT MATERIALS MUST CONFORM TO AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60.1), LATEST EDITION PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, WASHINGTON D.C. LARGER SIZED PLANT MATERIALS OF THE SPECIES LISTED MAY BE USED IF THE STOCK CONFORMS TO ANSI Z60.1.
- ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN A LIVE AND HEALTHY GROWING CONDITION FOR ONE FULL GROWING SEASON (ONE YEAR) AFTER FINAL PROJECT ACCEPTANCE OR SHALL BE REPLACED BY THE CONTRACTOR FREE OF CHARGE WITH THE SAME GRADE AND SPECIES.
- ALL TREES SHALL HAVE A STRONG CENTRAL LEADER. ANY TREES DEEMED NOT TO HAVE A STRONG CENTRAL LEADER SHALL BE REJECTED.
- CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO CONSTRUCTION OPERATIONS. ANY AREAS THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- PROVIDE ROCK MULCH SURROUNDING ALL PROPOSED TREES (5' Ø) AND WITHIN PLANTING BEDS TO A 3" MINIMUM DEPTH AS SHOWN IN TREE PLANTING DETAIL. DO NOT USE AN UNDERLAYMENT SUCH AS PLASTIC SHEET OR LANDSCAPE FABRIC. APPLY PRE-EMERGENT TO ALL PLANTING BEDS PRIOR TO MULCHING. REFER TO PLANS FOR ADDITIONAL DETAILS. REFER TO STORMWATER DETAILS FOR BASIN CONSTRUCTION AND MULCH APPLICATION.
- MULCHING MATERIAL SHALL BE 1" MOUNTAIN BROWN ROCK MULCH OR 3/8" GRAY ROUND ROCK MULCH AT 3" DEPTH, WITH NO INDIVIDUAL PIECES LARGER THAN 3". FREE OF GROWTH OR GERMINATION INHIBITING INGREDIENTS, 3" MINIMUM DEPTH. MINIMUM DEPTHS AT LOCATIONS INDICATED ON DRAWINGS.
- CONTRACTOR SHALL PROVIDE SAMPLE OF MULCH TO BE APPROVED BY THE LANDSCAPE ARCHITECT.
- INDICATED QUANTITIES ARE ESTIMATES AND SHALL BE CONFIRMED BY THE CONTRACTOR.
- ADJUST SPACING OF PLANT MATERIALS AROUND ADJACENT UTILITY STRUCTURES.



TREE MULCHING DETAIL
NTS



LIGHT FIXTURE SCHEDULE

SYMBOL	TYPE	MANUFACTURER	MODEL NUMBER	DESCRIPTION	LAMP INFORMATION	HEIGHT ABOVE GRADE
B	PREMIUM QUALITY LIGHTING	VCPCG-V4-P1-30K-80CRI-TSE-MVOLT-SRM		SURFACE CIRCULAR	(1) 3,580 LUMENS 27 WATT LED	9'-0"
B1	PREMIUM QUALITY LIGHTING	VCPCG-V4-P1-40K-80CRI-TSE-MVOLT-SRM		SURFACE CIRCULAR	(1) 3,580 LUMENS 27 WATT LED	14'-0"
K	PREMIUM QUALITY LIGHTING	CSVT-L48-AL03-MVOLT-SWW3-80CRI		SURFACE LINEAR	(1) 5,000 LUMENS 42 WATT LED	14'-0"
W	PREMIUM QUALITY LIGHTING	WST-LED-P1-40K-WV-MVOLT		WALLPACK FULL CUTOFF	(1) 1,700 LUMENS 12 WATT LED	9'-0"
W1	PREMIUM QUALITY LIGHTING	WST-LED-P1-40K-WV-MVOLT		WALLPACK FULL CUTOFF	(1) 1,700 LUMENS 12 WATT LED	10'-0"
W2	PREMIUM QUALITY LIGHTING	WST-LED-P1-40K-WV-MVOLT		WALLPACK FULL CUTOFF	(1) 1,700 LUMENS 12 WATT LED	13'-6"
W3	PREMIUM QUALITY LIGHTING	WST-LED-P3-40K-VFMVOLT		WALLPACK FULL CUTOFF	(1) 6,000 LUMENS 50 WATT LED	13'-6"
W4	PREMIUM QUALITY LIGHTING	WST-LED-P3-40K-VFMVOLT		WALLPACK FULL CUTOFF	(1) 6,000 LUMENS 50 WATT LED	20'-0"
Z	LITHONIA	DSX1-LED-P2-40K-70CRI-BLC3-MVOLT-RPA-DBXD		POLE MOUNTED SINGLE HEAD	(1) 7,101 LUMENS 68 WATT LED	20'-0"
Z1	LITHONIA	DSX1-LED-P2-40K-70CRI-LCCO-MVOLT-RPA-DBXD		POLE MOUNTED SINGLE HEAD	(1) 7,165 LUMENS 68 WATT LED	20'-0"

D-Series Size 1 LED Area Luminaire

Specifications:
 Size: 12.0" H x 12.0" W
 Length: 12.0" W
 Height: 12.0" H
 Weight: 3.0 lbs

Introduction:
 The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

Ordering Information:
 Example: DSX1 LED P2 40K 70CRI T3M MVOLT NPA1R2 PIRH2 DBXD

Order	Manufacturer	Model Number	Description	Quantity	Notes
DSX1	LITHONIA	DSX1-LED-P2-40K-70CRI-BLC3-MVOLT-RPA-DBXD	DSX1 LED P2 40K 70CRI BLC3 MVOLT RPA DBXD	1	

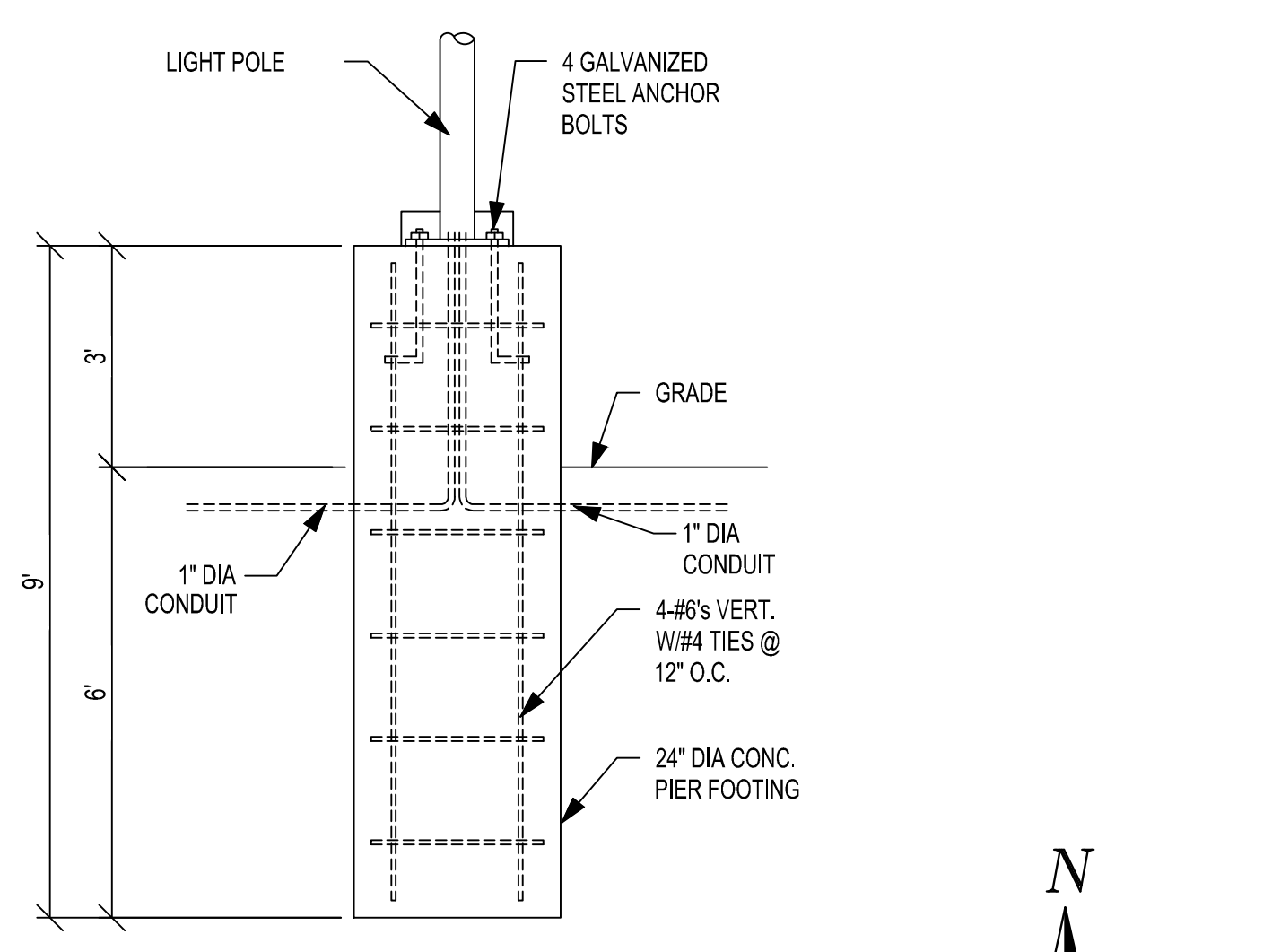
POL LED SPEC-SELECT™ STEALTH™ CUTOFF WALL PACK

PERFORMANCE DATA:
 Voltage: 20W / 30W / 40W / 50W
 Current: Max. 0.5A
 Power Factor: 0.9
 Total Harmonic Distortion (THD): 16.7

Lighting Performance:
 Lumens: 2540 / 3800 / 4715 / 6343
 Lumens Per Watt (LPW): 127
 Color Temperature (CCT): 3000K / 4000K / 5000K
 Color Rendering Index: 73
 R9 Macraus: -13
 Beam Angle: 70°

Light Distribution:
 20W / 30W / 40W / 50W Type I, Very Short
 20W Type II, Very Short
 30W / 40W / 50W Type I, Very Short
 30W / 40W / 50W Type II, Very Short

Features:
 - Adjustable wattage and color temperature for the perfect balance of light in any application.
 - Replaces 50-250W traditional HID wall packs.
 - Durable weather resistant, die-casting housing.
 - UV resistant polycarbonate optical lens.



LIGHT POLE BASE NTS

NOTE: THIS PROJECT IS LOCATED 1.1 MILES FROM THE BALLOON FIESTA PARK (REFER TO IDO 3-4-K AS IT IS ABOVE THE 330 FT REQUIREMENT OF LIGHT POLES BEING 20 FT OR LESS).

IDO 5-8 STATES THAT COMMERCIAL DISTRICT SHALL HAVE A MAX OF 25FT LIGHT POLE

SCALE IN FEET: 0, 40, 80

Ordering Information

Accessories:

- External Glass Shield (EGSR)
- House Side Shield (HS)

Drilling:

Handhole Orientation:

Tenon Mounting Splitter:

Splitter	10" Dia	12" Dia	14" Dia	16" Dia	18" Dia	20" Dia
10" Dia	10" Dia	12" Dia	14" Dia	16" Dia	18" Dia	20" Dia

DSX1 Area Luminaire - EPA:

Mounting Type	10'	12'	14'	16'	18'	20'
DSX1-LED-P2-40K-70CRI-BLC3-MVOLT-RPA-DBXD	10'	12'	14'	16'	18'	20'

SHEET NOTES:

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	10/30/2024	ARA	CITY SUBMITTAL #1
2	06/20/2025	ARA	CITY SUBMITTAL #3
3	10/22/2025	ARA	CITY SUBMITTAL #4
4	10/22/2025	ARA	CITY SUBMITTAL #5
5			
6			
7			
8			
9			
10			

PROFESSIONAL SEAL:

RYAN J. ANDERSON
 NEW MEXICO
 28792
 PROFESSIONAL ENGINEER

12/03/2025

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PROJECT:

U-HAUL
 PR-2023-008710
 SI-2025-00082

ALBUQUERQUE NEW MEXICO

SITE ADDRESS:
 U-Haul Moving & Storage
 8200 JEFFERSON ST

SHEET CONTENTS:

SITE PHOTOMETRIC

824071

DRAWN: GBV
 CHECKED: ARA
 DATE: 12/03/2025

C6-10

C6 SITE PHOTOMETRIC

GENERAL NOTES

- FOR SINGLE GRATE TYPE STORM INLET, DELETE CENTER SUPPORT AND MOVE ONE END WALL TO FORM NEW SINGLE GRATE INLET.
- FOR STORM INLET GUTTER TRANSITION, SEE DWG. 2207.
- OUTLET PIPE SIZE, PER DESIGN REQUIREMENT. (MAXIMUM SIZE = 24")
- MAXIMUM INLET DEPTH = 10'. FOR DEPTHS EXCEEDING 10', A SEPARATE STRUCTURAL DESIGN WILL BE REQUIRED.
- FOR FRAME & GRATING, SEE DWG. 2216, 2220, AND 2221.
- FOR CENTER SUPPORT ASSEMBLY, SEE DWG. 2215.
- FOR USE WHERE A TYPE-A INLET EXISTS LESS THAN 150' UPSTREAM.
- "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 8 INCHES FROM THE FRONT OF THE INLET.

CONSTRUCTION NOTES

- GUTTER TRANSITION.
- TOP OF CURB.
- CENTER SUPPORT ASSEMBLY (DOUBLE INLETS). SEE STD. DWG. 2215.
- FLOWLINE.
- CONSTRUCTION JOINT.
- NORMAL GUTTER LINE.
- 1"-10" MIN. UNLESS OTHERWISE DIRECTED.
- FRAME AND GRATE.
- INVERT OF OUTLET PIPE.
- CONCRETE FILL, SHAPE PER DWG. 2222.
- FOR STORM INLET DEPTHS GREATER THAN 4', INSTALL STD. STEPS PER DWG. 2220, DOWNSTREAM FACE.
- EXTEND NO. 4 REBARS 18" INTO CURB ON EACH SIDE OF STORM INLET.
- NO. 4 REBAR AT 6" O.C.
- 1.3/8" x 3.5/8" x 4'-0" LONG FOR SINGLE GRATE TYPE "C" STORM INLET.
- 1.3/8" x 3.5/8" x 7'-6" LONG FOR DOUBLE GRATE TYPE "C" STORM INLET.
- ANGLE ANCHOR.
- CONTROL POINT FOR TOP OF GRATE ELEVATION AND HORIZONTAL CONTROL.

REVISIONS	CITY OF ALBUQUERQUE
JAN. 2019	DRAINAGE
	STORM INLET TYPE "C"
	DWG. 2205
	JUNE 2019

24" GENERAL NOTES

- STANDARD 24" CAST IRON M.A. FRAME AND COVER. WEIGHTS: COVER = 180 LBS., FRAME = 145 LBS., TOTAL = 325 LBS. (TOLERANCE = ±5%)
- REFERENCE SPEC. SECTION 130.

36" GENERAL NOTES

- STANDARD 36" CAST IRON M.A. FRAME AND COVER. WEIGHTS: COVER = 355 LBS., FRAME = 315 LBS., TOTAL = 670 LBS. (TOLERANCE = ±5%)
- REFERENCE SPEC. SECTION 130.

CONSTRUCTION NOTES

- MACHINED OR GRINDING BEARING SURFACES.
- "STORM" CAST ON COVER TO IDENTIFY STORM DRAINAGE.
- LETTER SIZE TO BE 1 1/4" IN HEIGHT RAISED LETTERING.
- LETTER SIZE TO BE 3/4" IN HEIGHT RAISED LETTERING.
- LETTER SIZE TO BE 3/8" MIN. IN HEIGHT RAISED LETTERING.
- 3/4" DIA VENT HOLE REQUIRED.
- GUSSETS OPTIONAL IF REQUIRED BY MANUFACTURER.
- 2" LETTERS (RECESSED FLUSH).
- LETTER SIZE TO BE 1" IN HEIGHT RAISED LETTERING.

REVISIONS	CITY OF ALBUQUERQUE
JAN. 2019	DRAINAGE
	STORM MANHOLE FRAME AND COVER
	DWG. 2210
	JUNE 2019

GENERAL NOTES

- ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED SHALL BE IN INCHES.
- ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO SURFACE UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO SURFACE UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO SURFACE UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO SURFACE UNLESS OTHERWISE SPECIFIED.

CONSTRUCTION NOTES

- MACHINED OR GRINDING BEARING SURFACES.
- "STORM" CAST ON COVER TO IDENTIFY STORM DRAINAGE.
- LETTER SIZE TO BE 1 1/4" IN HEIGHT RAISED LETTERING.
- LETTER SIZE TO BE 3/4" IN HEIGHT RAISED LETTERING.
- LETTER SIZE TO BE 3/8" MIN. IN HEIGHT RAISED LETTERING.
- 3/4" DIA VENT HOLE REQUIRED.
- GUSSETS OPTIONAL IF REQUIRED BY MANUFACTURER.
- 2" LETTERS (RECESSED FLUSH).
- LETTER SIZE TO BE 1" IN HEIGHT RAISED LETTERING.

REVISIONS	WATER AUTHORITY
JAN. 2019	MANHOLE
	VALVE BOX
	DWG. 2326
	OCT. 2017

GENERAL NOTES

- FOR SINGLE GRATE TYPE STORM INLET, DELETE CENTER SUPPORT AND MOVE ONE END WALL TO FORM NEW SINGLE GRATE INLET.
- STORM INLET GUTTER TRANSITION WILL BE SHOWN ON THE CONSTRUCTION PLANS.
- OUTLET PIPE SIZE, PER DESIGN REQUIREMENT. (MAXIMUM SIZE = 24")
- FOR FRAME & GRATING, SEE DWG. 2216, 2220 & 2221.
- FOR CENTER SUPPORT ASSEMBLY, SEE DWG. 2215.
- FOR USE WHERE A TYPE-A INLET EXISTS LESS THAN 150' UPSTREAM OR AS AN AREA DRAIN.
- "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 8 INCHES FROM THE FRONT OF THE INLET.

CONSTRUCTION NOTES

- FRAME AND GRATE.
- CENTER SUPPORT ASSEMBLY.
- NO. 4 BARS AT 6" O.C. EACH WAY.
- FOR STORM INLET DEPTHS GREATER THAN 4', INSTALL STD. STEPS PER DWG. 2220, DOWNSTREAM FACE.
- CONCRETE FILL, SHAPE PER DWG. 2222.
- INVERT PER DESIGN.
- 1"-10" MIN. UNLESS OTHERWISE DIRECTED.

REVISIONS	CITY OF ALBUQUERQUE
JAN. 2019	DRAINAGE
	STORM INLET TYPE "D"
	DWG. 2206
	JUNE 2019

GENERAL NOTES

- ALL BARS SHALL BE GRADE A36 STRUCTURAL STEEL.
- THE GRATE SHALL BE WELDED WITH 1/2" FILLET WELD AROUND BOTH SIDES OF CROSS BARS. 1/2" FILLET WELD BOTH SIDES OF BEARING BARS TO END BARS.
- AFTER CLEANING SURFACE OF SCALE, RUST, OILS, ETC., PRIME GRATE WITH ONE SHOP COAT RED OXIDE, TWO FINISH COATS ALUMINUM PAINT (ASHITO M 69).
- TOP OF CROSS BARS SHALL BE FLUSH WITH TOP OF GRATE.
- GRIND WELDS FLUSH WITH BEARING BARS.
- WHEN INSTALLED IN FRAME, PUSH TIGHT TO THE FRAME ON THE ROAD SIDE SO THAT IT IS FLUSH WITH THE FRAME. THE SIDE ALONG THE CURB LINE SIDE SHALL HAVE 1/2" MAX. OPENING. SPACERS WELDED TO FRAME MAY BE USED IF REQUIRED TO KEEP 1/2" SPACE OR LESS.
- WHEN INSPECTING OR DOING ROAD REBAR PROJECTS, IF THE GRATE IS NOT FLUSH WITH THE FRAME ON THE ROAD SIDE, COVER PLATES WELDED TO THE FRAME MAY BE USED TO COVER ANY GAPS.
- INSTALLED VOID SPACE AREA: 3.72 SQUARE FEET OR 538 SQUARE INCHES. VOID SPACE CALCULATED AS TOTAL AREA ENCLOSED BY BEARING BARS, CROSS BARS, END BARS, FRAME, AND WELDS.

CONSTRUCTION NOTES

- BEARING BARS, (13) PL 1/2 x 3/8 x 36".
- END BARS, (2) PL 1/2 x 3 x 25".
- CROSS BARS, (9) 3/8 x 24" ROD.
- FRAME, SEE DWG. 2216.

REVISIONS	CITY OF ALBUQUERQUE
JAN. 2019	DRAINAGE
	STORM INLET ALBUQUERQUE GRATE
	DWG. 2220
	JUNE 2019

GENERAL NOTES - RING

- ALBUQUERQUE VALVE BOX RING DESIGNED TO ACCOMMODATE ALBUQUERQUE VALVE BOX COVER.
- THE CASTING NUMBER, MANUFACTURER'S LOGO, DATE OF MANUFACTURE AND "USA" SHALL BE CAST IN A CONSPICUOUS LOCATION ON BOTH THE RING AND THE COVER.
- FILLET SHALL BE 1/4" UNLESS OTHERWISE SPECIFIED.
- A SHARP ANGLE OF 2"-0" SHALL BE APPLIED UNLESS OTHERWISE SPECIFIED.
- FINISH REMOVE EXCESS IRON AND FINISH.
- THIS DETAIL DOES NOT APPLY FOR VALVE BOX RING AND COVER TO BE USED ON RINGS OR NON-POROUS WATER SYSTEMS.
- SEE STANDARD DRAWING 2336 FOR RING AND COVER.
- ONLY PRODUCTS CAST IN THE USA WILL BE ACCEPTABLE.

GENERAL NOTES - COVER

- ALBUQUERQUE VALVE BOX COVER DESIGNED TO FIT INTO AN ALBUQUERQUE VALVE BOX RING.
- THE CASTING NUMBER, MANUFACTURER'S LOGO, DATE OF MANUFACTURE AND "USA" SHALL BE CAST IN A CONSPICUOUS LOCATION ON BOTH THE RING AND THE COVER.
- FILLET SHALL BE 1/4" UNLESS OTHERWISE SPECIFIED.
- A SHARP ANGLE OF 2"-0" SHALL BE APPLIED UNLESS OTHERWISE SPECIFIED.
- FINISH REMOVE EXCESS IRON AND FINISH.
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CONSTRUCTION NOTES

- BEARING BARS, (13) PL 1/2 x 3/8 x 36".
- END BARS, (2) PL 1/2 x 3 x 25".
- CROSS BARS, (9) 3/8 x 24" ROD.
- FRAME, SEE DWG. 2216.

REVISIONS	WATER AUTHORITY
JAN. 2019	FIRE LINE
	RING AND COVER FOR VALVE BOX
	DWG. 2326
	JAN. 2011

GENERAL NOTES

- USE TYPE "C" MANHOLE FOR DEPTHS OF 6' OR GREATER, MEASURED FROM INVERT TO RIM.
- CONTRACTOR HAS OPTION TO CONSTRUCT TYPE "C" MANHOLE IN LIEU OF TYPE "T" MANHOLE FOR DEPTHS OF 6' OR LESS.
- MANHOLES GREATER THAN 16' IN DEPTH SHALL BE CONSTRUCTED OF PRECAST CONCRETE SECTIONS ONLY.
- DESIGN APPLIES TO 4' TO 6' I.D. MANHOLES.
- COMPACT ALL BACKFILL AROUND MANHOLE TO 95% (ASTM).
- USE NON-SHIM GROUT FOR JOINTS, FILLETS AND PIPE PENETRATIONS.
- POSITION MANHOLE OPENING OVER THE UPSTREAM SIDE OF MAIN LINE.
- MANHOLES GREATER THAN 20' IN DEPTH WILL REQUIRE A SEPARATE STRUCTURAL DESIGN.

CONSTRUCTION NOTES

- CONCRETE PIPE SUPPORTS SHALL EXTEND OUTSIDE OF MANHOLE TO BELL OF FIRST JOINT AND SHALL GRADE PIPE TO SPRING LINE. NOT APPLICABLE FOR ELBOW PIPE.
- PIPE PENETRATION INTO MANHOLE SHALL BE FLUSH TO 2" MAX. MEASURED AT SPRINGLINE OF PIPE.
- MANHOLE MAY BE CONSTRUCTED OF CONCRETE BLOCK, POURED CONCRETE, OR PRECAST REINFORCED CONCRETE. IF BLOCK IS USED, APPLY 1/2" THICK MORTAR COATING TO EXTERIOR AND INTERIOR OF MANHOLE. IF PRECAST CONCRETE IS USED, USE MASTIC GASKETS AND APPLY NON-SHIM GROUT TO EXTERIOR AND INTERIOR OF EXPANSION JOINTS OR USE WATERTIGHT RUBBER GASKETS. IF RUBBER GASKETS ARE USED, THE MANHOLE SECTIONS DO NOT NEED TO BE GROUTED, BUT THE MANUFACTURER MUST STAMP THE INTERIOR OF EACH PRECAST SECTION WITH THE TYPE OF GASKET USED.
- PRECAST REINFORCED CONCRETE ECCENTRIC CONE. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL.
- USE MAX. 4 COURSES GRADE M BRICK ON UNPAVED STREET FOR FUTURE ADJUSTMENT OF MANHOLE FRAME TO PAVEMENT GRADE.
- CONCRETE BASE TO BE POURED IN PLACE USING NO. 4 BARS AT 6" O.C. EACH WAY FOR MANHOLE DEPTHS OF 16' OR GREATER. NO. 4 BARS AT 12" O.C. EACH WAY FOR MANHOLE DEPTHS OF LESS THAN 16'.
- CONCRETE PIPE SUPPORTS SHALL EXTEND OUTSIDE OF MANHOLE TO BELL OF FIRST JOINT AND SHALL GRADE PIPE TO SPRING LINE. NOT APPLICABLE FOR ELBOW PIPE.
- PIPE PENETRATION INTO MANHOLE SHALL BE FLUSH TO 2" MAX. MEASURED AT SPRINGLINE OF PIPE.
- MANHOLE MAY BE CONSTRUCTED OF CONCRETE BLOCK, POURED CONCRETE, OR PRECAST REINFORCED CONCRETE. IF BLOCK IS USED, APPLY 1/2" THICK MORTAR COATING TO EXTERIOR AND INTERIOR OF MANHOLE. IF PRECAST CONCRETE IS USED, USE MASTIC GASKETS AND APPLY NON-SHIM GROUT TO EXTERIOR AND INTERIOR OF EXPANSION JOINTS OR USE WATERTIGHT RUBBER GASKETS. IF RUBBER GASKETS ARE USED, THE MANHOLE SECTIONS DO NOT NEED TO BE GROUTED, BUT THE MANUFACTURER MUST STAMP THE INTERIOR OF EACH PRECAST SECTION WITH THE TYPE OF GASKET USED.
- PRECAST REINFORCED CONCRETE ECCENTRIC CONE. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL.
- USE MAX. 4 COURSES GRADE M BRICK ON UNPAVED STREET FOR FUTURE ADJUSTMENT OF MANHOLE FRAME TO PAVEMENT GRADE.
- CONCRETE BASE TO BE POURED IN PLACE USING NO. 4 BARS AT 6" O.C. EACH WAY FOR MANHOLE DEPTHS OF 16' OR GREATER. NO. 4 BARS AT 12" O.C. EACH WAY FOR MANHOLE DEPTHS OF LESS THAN 16'.

REVISIONS	CITY OF ALBUQUERQUE
JAN. 2019	DRAINAGE
	STORM SEWER MANHOLE TYPE "T"
	DWG. 2209
	JUNE 2019

GENERAL NOTES

- ALL EXPOSED METAL PARTS SHALL BE PAINTED PRIOR TO ASSEMBLY. WELDING, MACHINING AND DRILLING SHALL BE DONE PRIOR TO PAINTING. ALL DIMENSIONS ARE FINISH DIMENSIONS.
- ALL PARTS SHALL BE OF STRUCTURAL STEEL, GRADE 36.
- AFTER CLEANING SURFACE OF SCALE, RUST, ETC., GRATING FRAME AND CENTER SUPPORT SHALL BE PAINTED WITH ONE SHOP COAT RED OXIDE, TWO FINISH COATS ALUMINUM PAINT (ASHITO M 69).
- FRAME MAY BE WELDED OR RIVETED.

CONSTRUCTION NOTES

- APPLY 1/2" THICK MORTAR COATING TO INTERIOR OF DRIVING.
- (2) 3/8" RIVETS AT EACH CORNER.
- (4) 1/2" x 6" BOLTS WITH SQUARE HEAD AND NUT AT EACH CORNER FOR ANCHORING FRAME INTO CONCRETE WALL.
- 3 1/2" x 3" x 3/8" x 3'-4" S-46 L.

REVISIONS	CITY OF ALBUQUERQUE
JAN. 2019	DRAINAGE
	STORM INLET FRAME
	DWG. 2216
	JUNE 2019

GENERAL NOTES

- ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED SHALL BE IN INCHES.
- ALL DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO SURFACE UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO SURFACE UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO SURFACE UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO SURFACE UNLESS OTHERWISE SPECIFIED.

CONSTRUCTION NOTES

- MACHINED OR GRINDING BEARING SURFACES.
- "STORM" CAST ON COVER TO IDENTIFY STORM DRAINAGE.
- LETTER SIZE TO BE 1 1/4" IN HEIGHT RAISED LETTERING.
- LETTER SIZE TO BE 3/4" IN HEIGHT RAISED LETTERING.
- LETTER SIZE TO BE 3/8" MIN. IN HEIGHT RAISED LETTERING.
- 3/4" DIA VENT HOLE REQUIRED.
- GUSSETS OPTIONAL IF REQUIRED BY MANUFACTURER.
- 2" LETTERS (RECESSED FLUSH).
- LETTER SIZE TO BE 1" IN HEIGHT RAISED LETTERING.

REVISIONS	WATER AUTHORITY
JAN. 2019	MANHOLE
	VALVE BOX
	DWG. 2326
	OCT. 2017

REVISIONS:

NO.	DATE	INITIALS	NOTES
1	10/20/2024	ARA	CITY SUBMITTAL #1
2	06/20/2025	ARA	CITY SUBMITTAL #3
3	10/22/2025	ARA	CITY SUBMITTAL #4
4	12/22/2025	ARA	CITY SUBMITTAL #4
5			
6			
7			
8			

NO.	DATE	INITIALS	NOTES
1	10/20/2024	ARA	CITY SUBMITTAL #1
2	06/20/2025	ARA	CITY SUBMITTAL #3
3	10/22/2025	ARA	CITY SUBMITTAL #4
4	12/22/2025	ARA	CITY SUBMITTAL #4
5			
6			
7			
8			

PROFESSIONAL SEAL:

RYAN J. ANDERSON
NEW MEXICO
28792
Professional Engineer

12/03/2025



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PROJECT

U-HAUL
PR-2023-008710
SI-2025-00082

ALBUQUERQUE NEW MEXICO

SITE ADDRESS:
U-Haul Moving & Storage
8200 JEFFERSON ST

SHEET CONTENTS:

SITE DETAILS

824071

DRAWN: GBV
CHECKED: ARA
DATE: 12/03/25

CO-23

CO-DETAILS