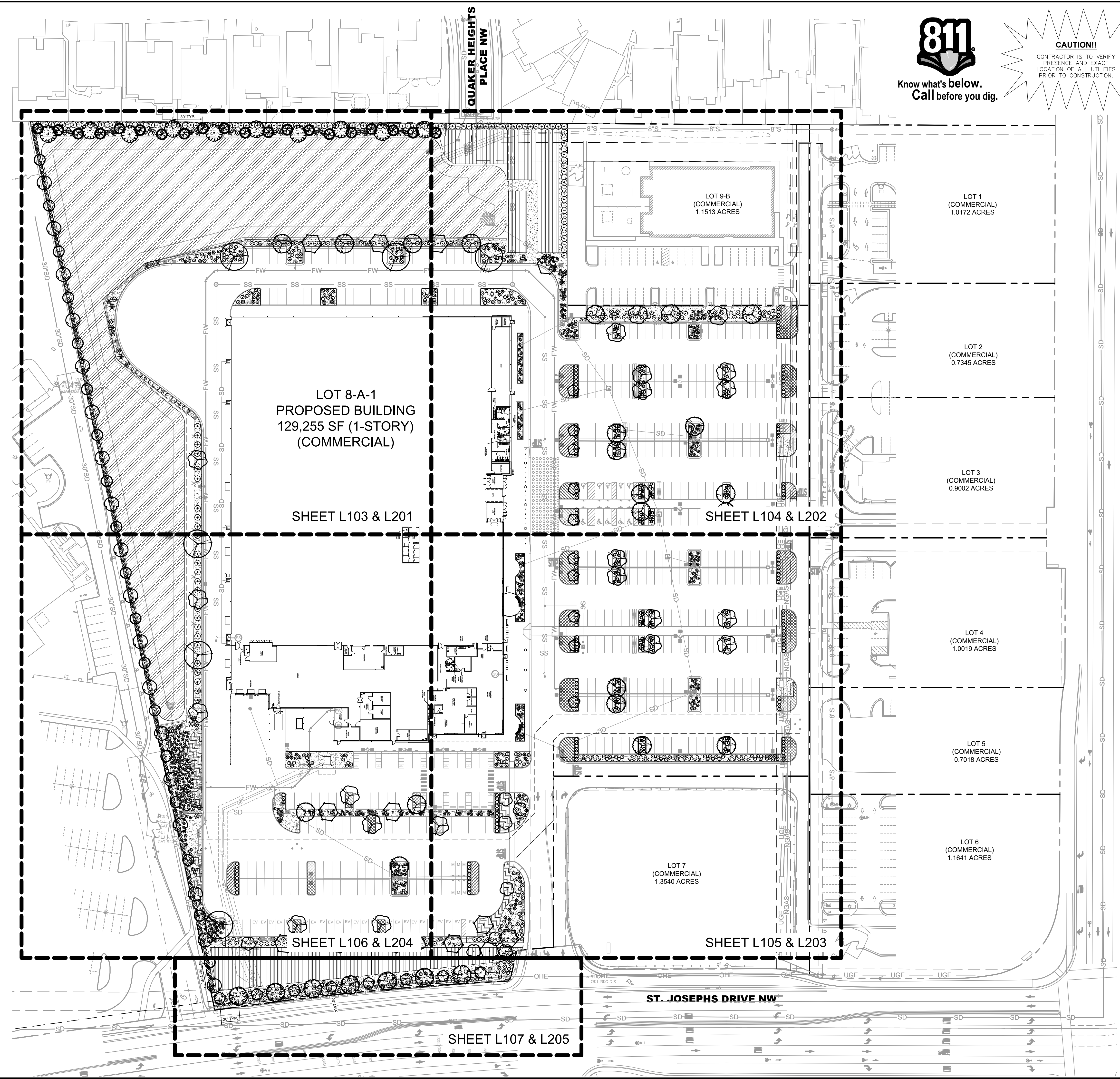
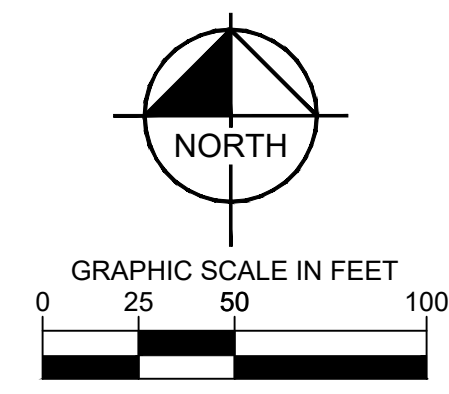


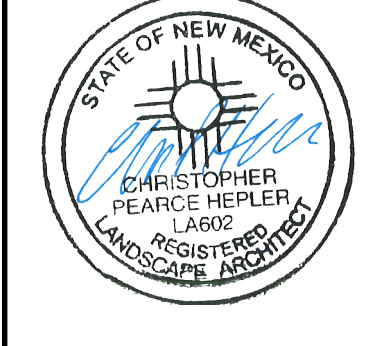
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No.	REVISIONS	DATE	BY

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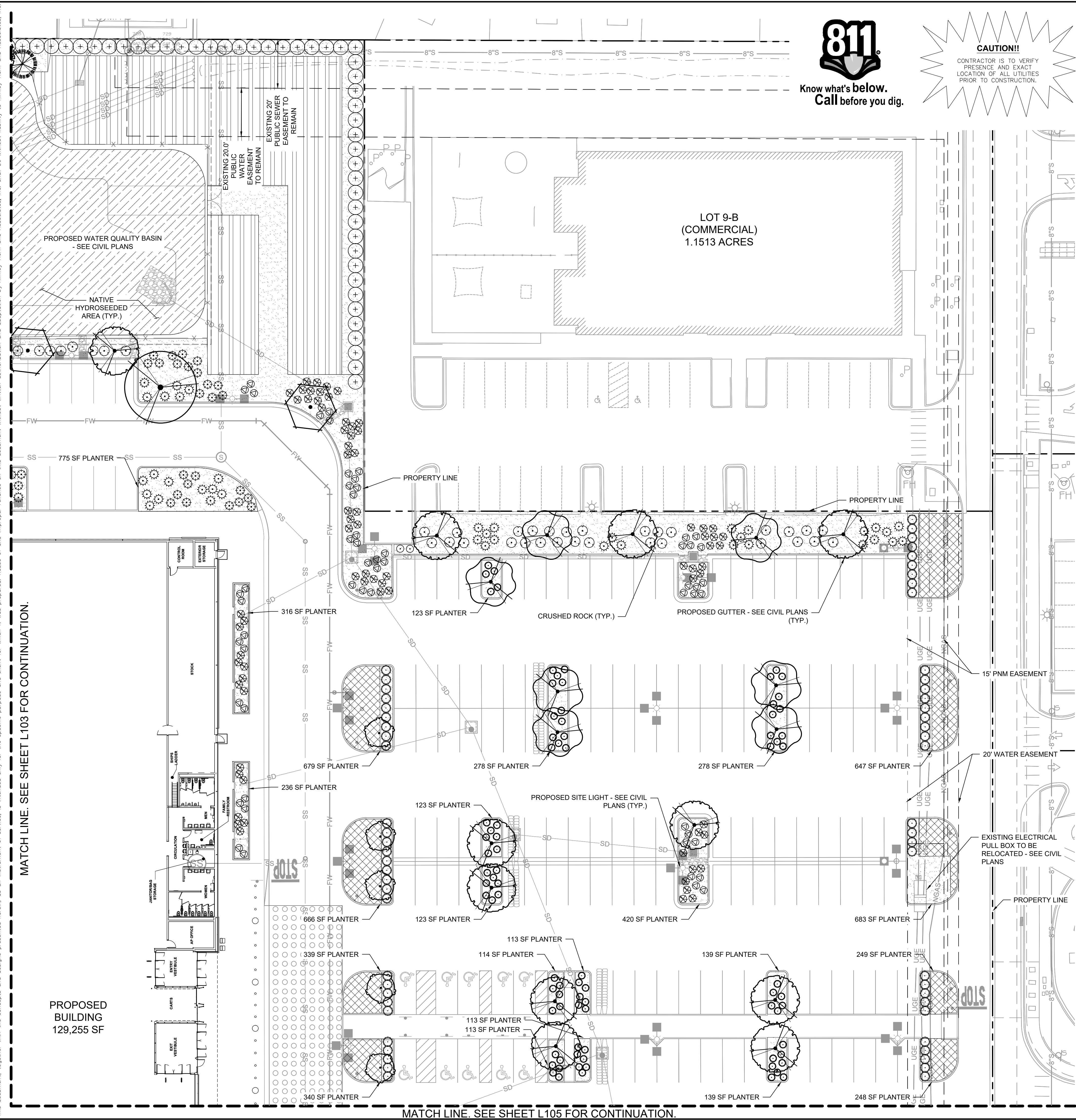
KHA PROJECT	195737352
DATE	7/1/2025
SCALE	AS SHOWN
DESIGNED BY	FH
DRAWN BY	AD
CHECKED BY	JB

OVERALL LANDSCAPE PLAN

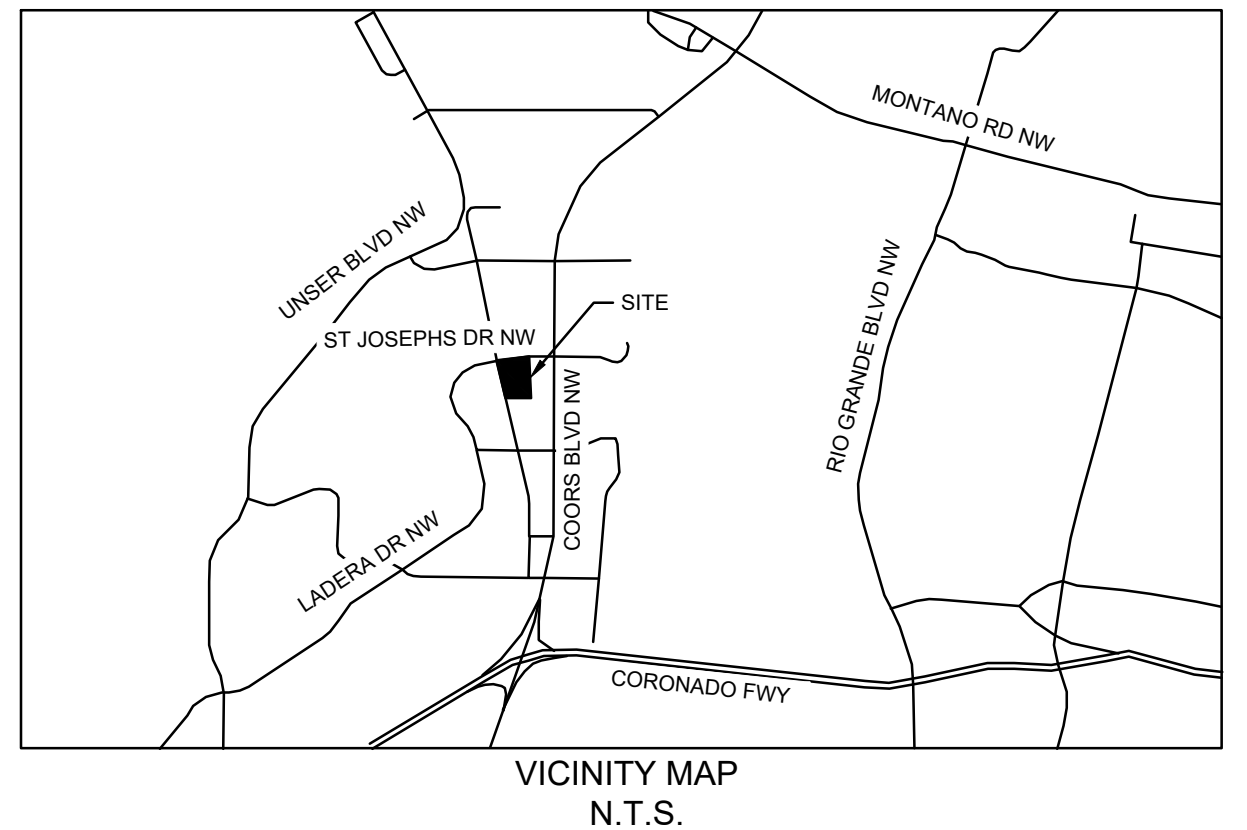
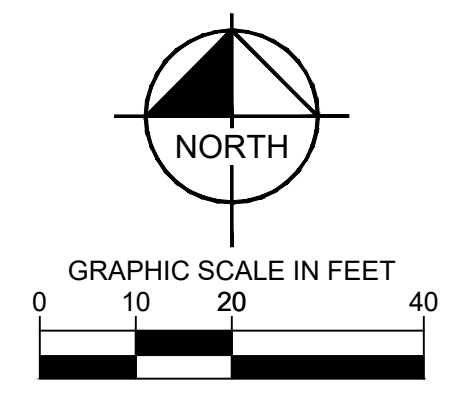
ALBUQUERQUE, NM
 PREPARED FOR
TARGET CORPORATION
 NEW MEXICO
 CITY OF ALBUQUERQUE

SHEET NUMBER
L102

Plotted By: Abutabik, Maryam. Sheet: Sct:kha. Layout: LANDSCAPE PLAN (2). July 01, 2025. 06:12:18pm. K:\SND\LEVA\TARGET\Nortat\albuquerque nra\CAD\plansheets\onsite\LANDSCAPE PLAN.dwg
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PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL / COMMON NAME
TREES		
[Symbol]	13	CELTIS RETICULATA / NETLEAF HACKBERRY
[Symbol]	18	CERCIS CANADENSIS 'PINK POM POMS' / PINK POM POMS EASTERN REDBUD
[Symbol]	21	CHILOPSIS LINEARIS / DESERT WILLOW
[Symbol]	18	JUNIPERUS CHINENSIS / JUNIPER
[Symbol]	18	JUNIPERUS MONOSPERMA / CHERRYSTONE
[Symbol]	7	KOELREUTERIA PANICULATA / GOLDEN RAIN TREE
[Symbol]	10	PINUS ELДАРICA / AFGHAN PINE
[Symbol]	20	PINUS NIGRA / AUSTRIAN PINE
[Symbol]	11	PROSOPIS GLANDULOSA 'MAVERICK' / MAVERICK THORNLESS HONEY MESQUITE
[Symbol]	6	QUERCUS MUHLBERGII / CHINQUAPIN OAK
[Symbol]	21	SAMBUCUS MEXICANA / MEXICAN ELDERBERRY
SHRUBS		
[Symbol]	45	ATRIPLEX CANESCENS / FOURWING SALTBUCH
[Symbol]	144	BACCHARIS SAROTHOIDES / DESERTBROOM BACCHARIS
[Symbol]	160	LEUCOPHYLLUM LANGMANIAE 'LYNN'S LEGACY' / LYNN'S LEGACY LANGMAN'S SAGE
[Symbol]	164	PARTHENIUM INCANUM / MARIOLA
ACCENTS		
[Symbol]	187	DASYLIRION WHEELERI / GREY DESERT SPOON
[Symbol]	173	HESPERALOE PARVIFLORA / RED YUCCA
[Symbol]	91	MUHLBERGIA RIGENS / DEER GRASS
[Symbol]	392	YUCCA BACCATA / BANANA YUCCA
RAIN GARDEN		
[Symbol]	265	BOUTELOUA CURTIPENDULA / SIDE OATS GRAMA
[Symbol]	210	PENSTEMON AMBIGUUS / GILIA BEARDTONGUE
GROUND COVERS		
[Symbol]	3,724	MELAMPODIUM LEUCANTHUM / BLACKFOOT DAISY
[Symbol]	82,312 SF	NATIVE BIORETENTION MIX 'HIGH PLAINS/FOOTHILLS RIPARIAN SEED MIX' FROM WESTERN NATIVE SEED OR APPROVED EQUAL
[Symbol]	17,933 SF	NATIVE BUFFER SEED MIX 'HIGH DESERT' MIX FROM WESTERN NATIVE SEED OR APPROVED EQUAL
[Symbol]	1,192	PENSTEMON STRICTUS / ROCKY MOUNTAIN PENSTEMON
INERTS		
[Symbol]	61,772 SF	3" DEPTH DECOMPOSED GRANITE

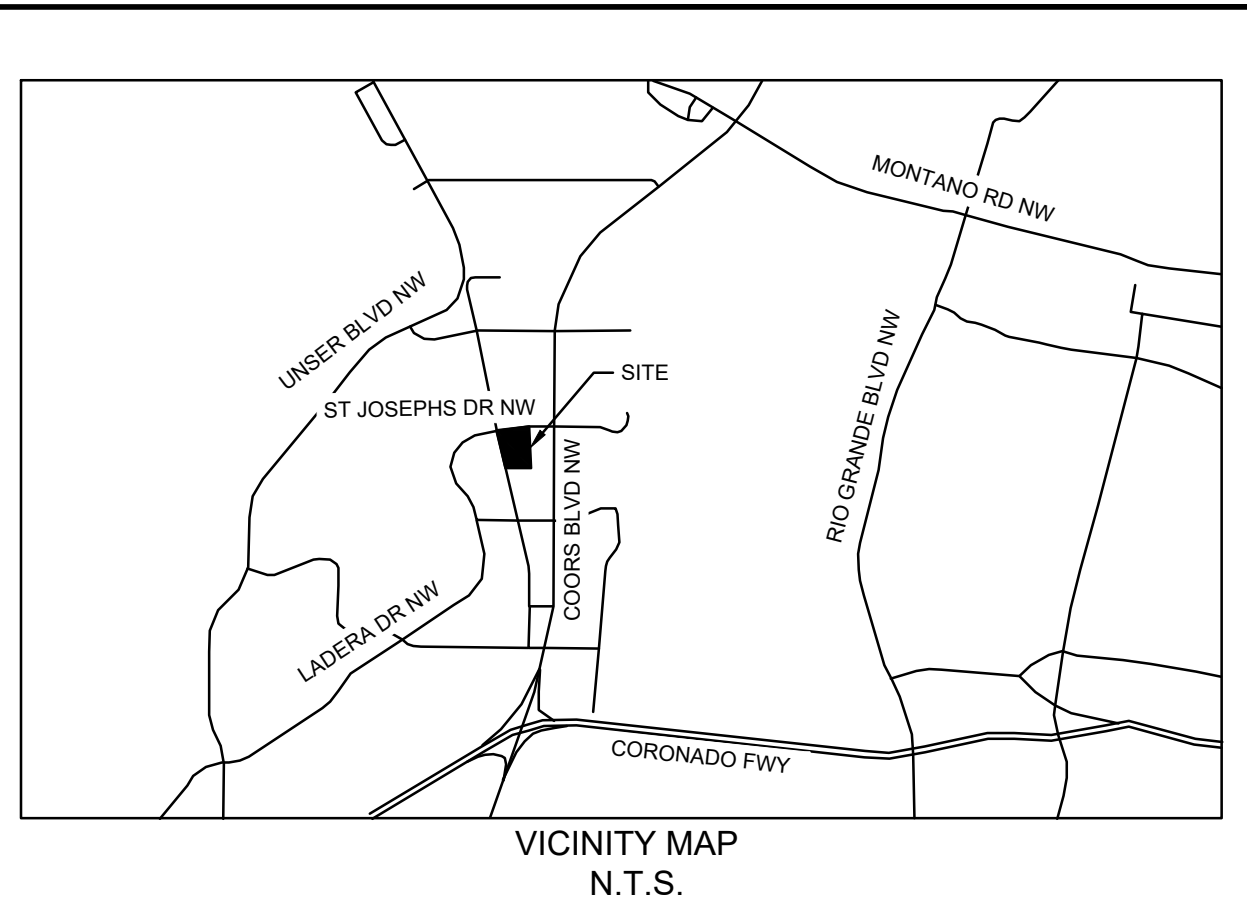
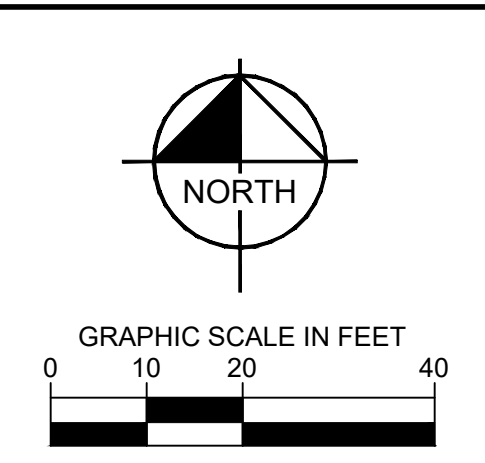
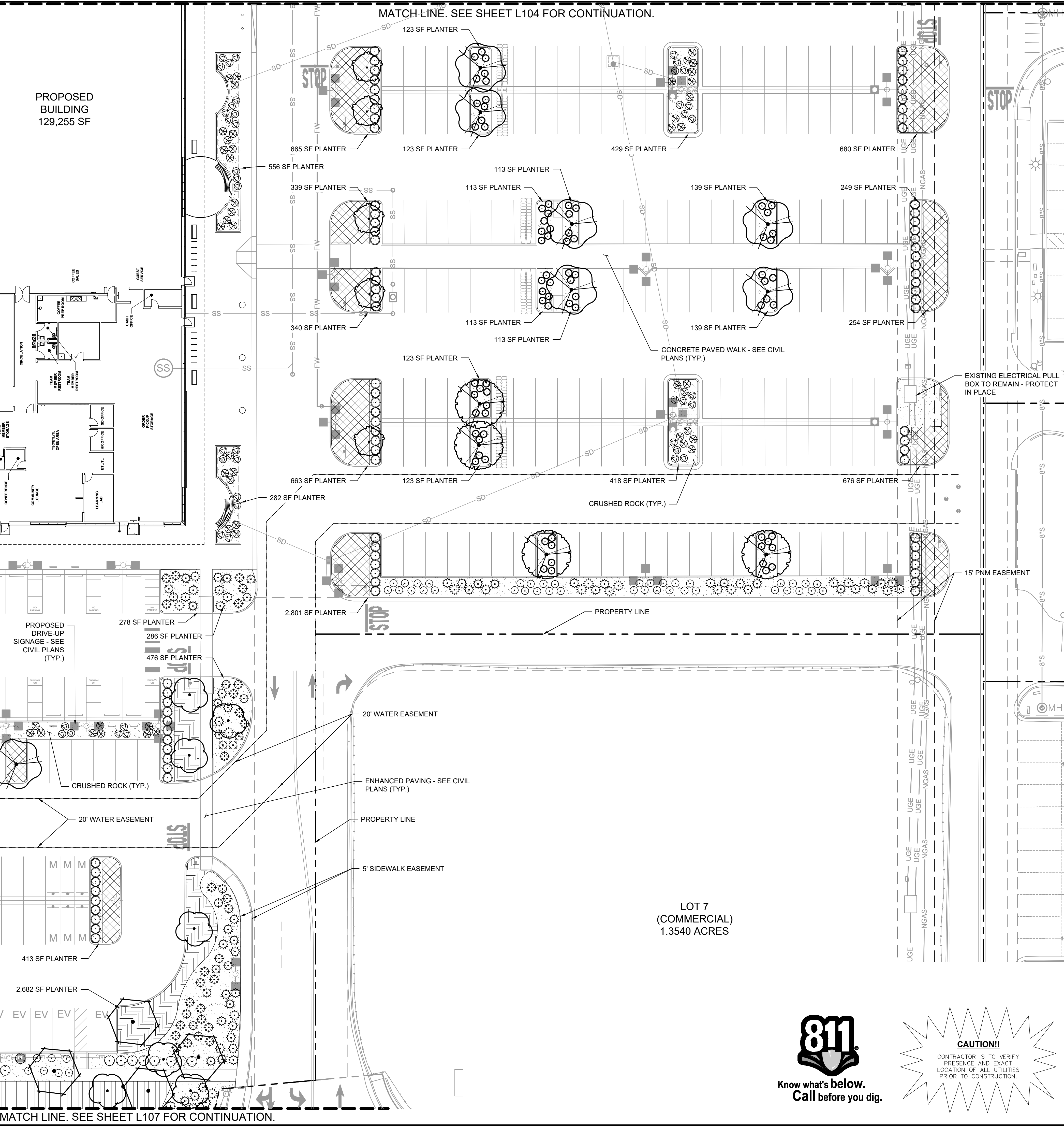
TOTAL NATIVE PLANT COVERAGE: 78.2%
 NOTE: ALL TREES WITHIN 10' OF HARDSCAPE SHALL BE INSTALLED WITH DEEP ROOT BARRIERS

MATCH LINE. SEE SHEET L103 FOR CONTINUATION.

MATCH LINE. SEE SHEET L105 FOR CONTINUATION.

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KHA PROJECT: 195737352 DATE: 7/1/2025 SCALE: AS SHOWN DESIGNED BY: FH DRAWN BY: AD CHECKED BY: JB	LANDSCAPE PLAN
ALBUQUERQUE, NM PREPARED FOR TARGET CORPORATION CITY OF ALBUQUERQUE, NEW MEXICO	SHEET NUMBER L104

Plotted By: Abutabik, Maryam Sheet Set: kha Layout: LANDSCAPE PLAN (3) July 01, 2025 06:12:38pm K:\SND\LEDA\TARGET\Target Albuquerque nm\CAD\plansheets - on-site\LANDSCAPE PLAN.dwg
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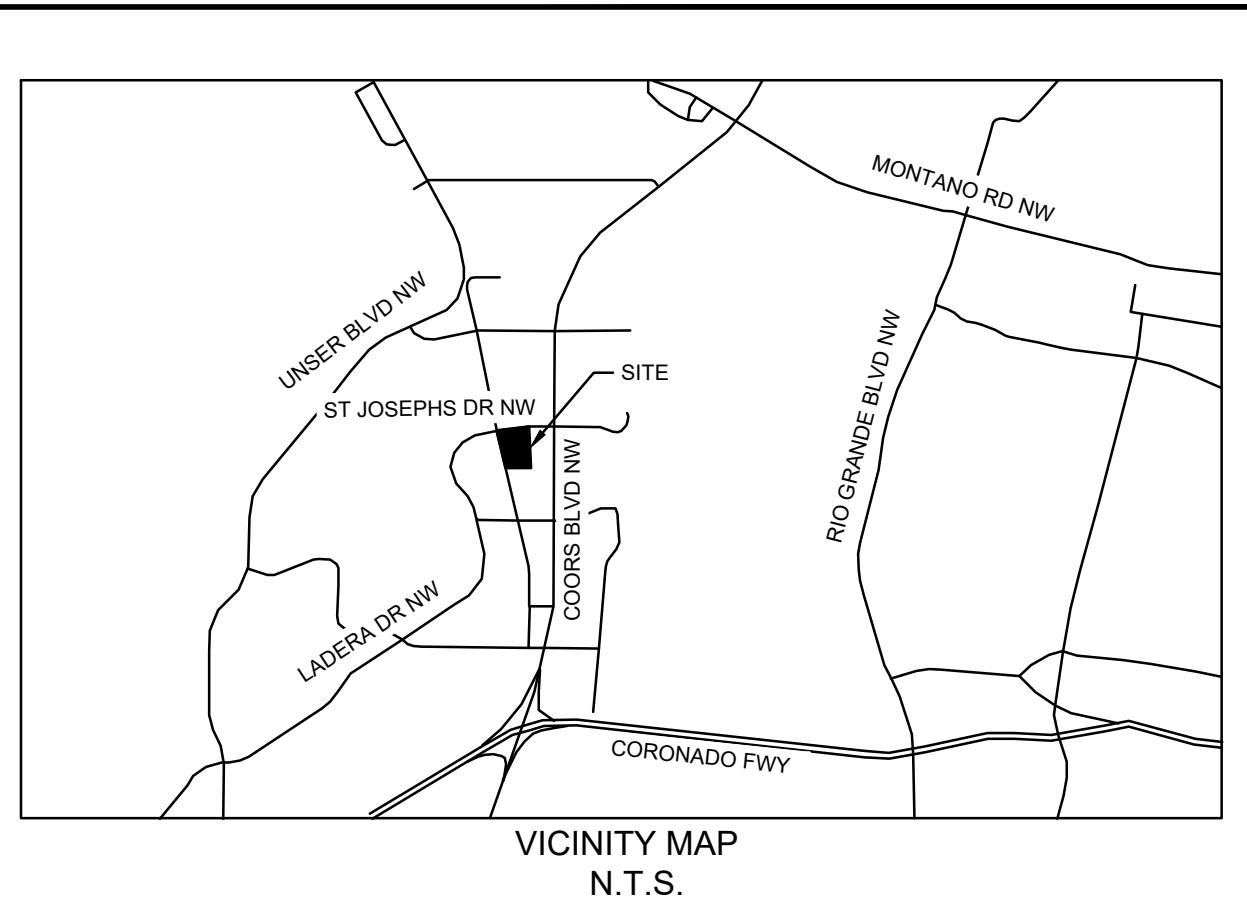
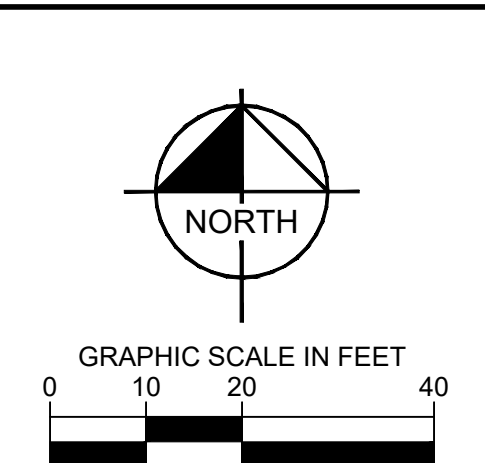
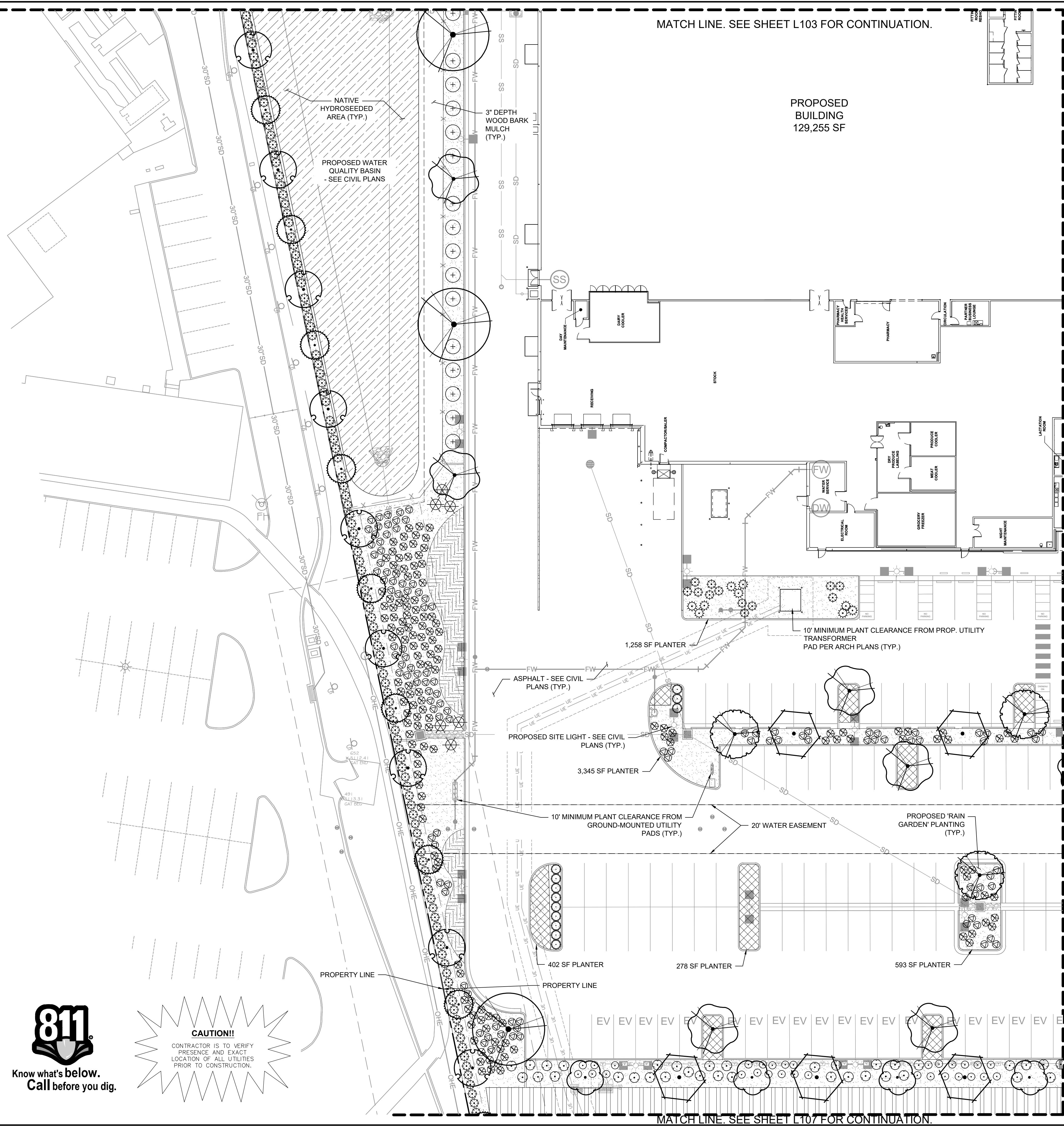
PLANT SCHEDULE

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TREES		
[Symbol]	13	CELTIS RETICULATA / NETLEAF HACKBERRY
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GROUND COVERS		
[Symbol]	3,724	MELAMPodium LEUCANTHUM / BLACKFOOT DAISY
[Symbol]	82,312 SF	MATURE SIZE 1' X 1.5' NATIVE BIORETENTION MIX
[Symbol]	17,933 SF	'HIGH PLAINS/FOOTHILLS RIPARIAN SEED MIX' FROM WESTERN NATIVE SEED OR APPROVED EQUAL
[Symbol]	1,192	NATIVE BUFFER SEED MIX 'HIGH DESERT' MIX FROM WESTERN NATIVE SEED OR APPROVED EQUAL
[Symbol]	1,192	PENSTEMON STRICTUS / ROCKY MOUNTAIN PENSTEMON
[Symbol]	61,772 SF	MATURE SIZE: 2' X 2' INERTS
[Symbol]	61,772 SF	3" DEPTH DECOMPOSED GRANITE
TOTAL NATIVE PLANT COVERAGE: 78.2%		
NOTE: ALL TREES WITHIN 10' OF HARDSCAPE SHALL BE INSTALLED WITH DEEP ROOT BARRIERS		



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KHA PROJECT: 195737352 DATE: 7/1/2025 SCALE: AS SHOWN DESIGNED BY: FH DRAWN BY: AD CHECKED BY: JB	LANDSCAPE PLAN
ALBUQUERQUE, NM PREPARED FOR TARGET CORPORATION <small>NEW MEXICO CITY OF ALBUQUERQUE</small>	
SHEET NUMBER L105	

Plotted By: Abutabikha, Maryam - Sheet: S11-kim - Layout: LANDSCAPE PLAN (4) - July 01, 2025 06:12:58pm - K:\SND\LDE\TARGET\Target Albuquerque nm\CAD\plansheets - on-site - LANDSCAPE PLAN.dwg
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INERTS		
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TOTAL NATIVE PLANT COVERAGE: 78.2%		
NOTE: ALL TREES WITHIN 10' OF HARDSCAPE SHALL BE INSTALLED WITH DEEP ROOT BARRIERS		

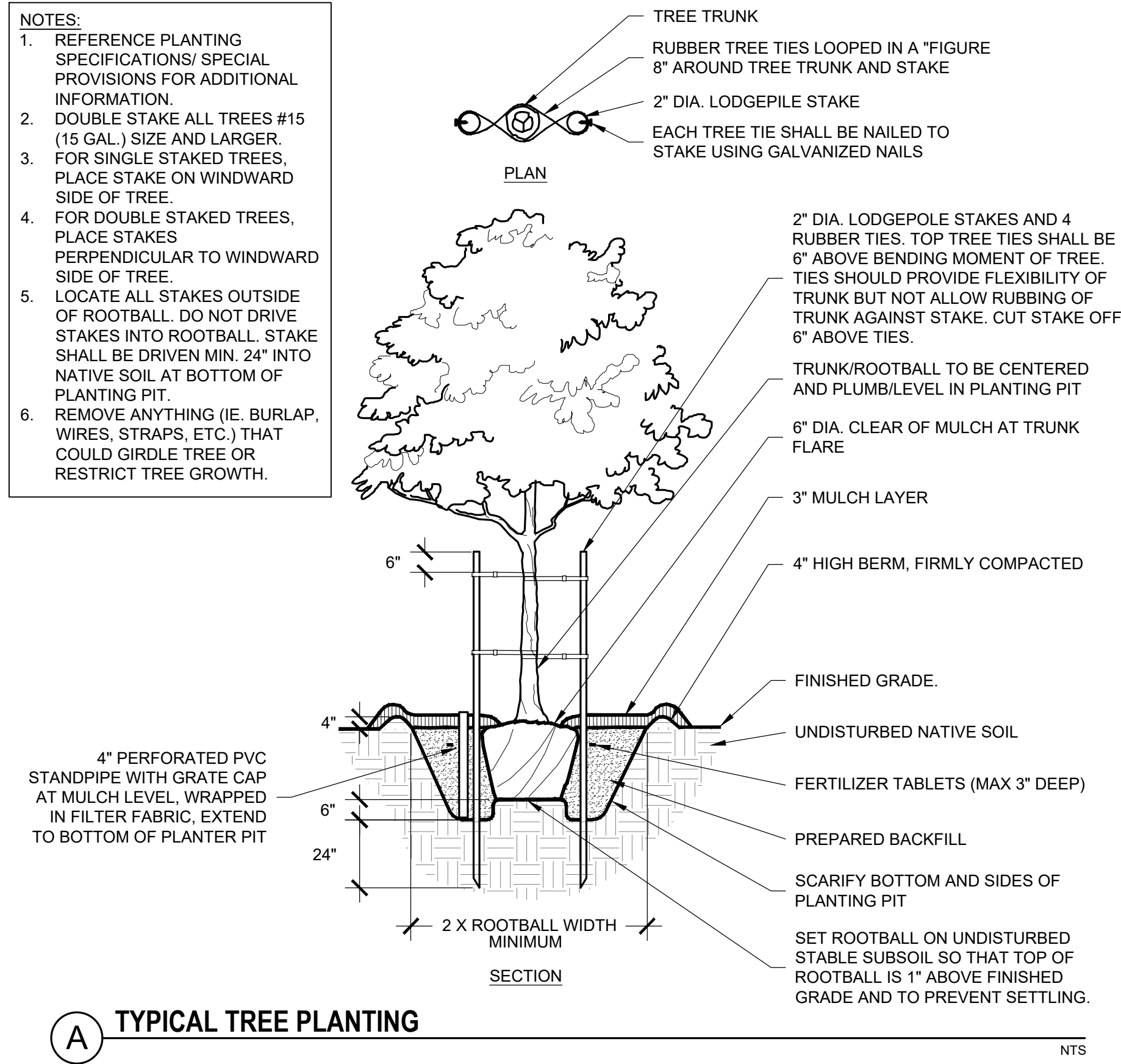


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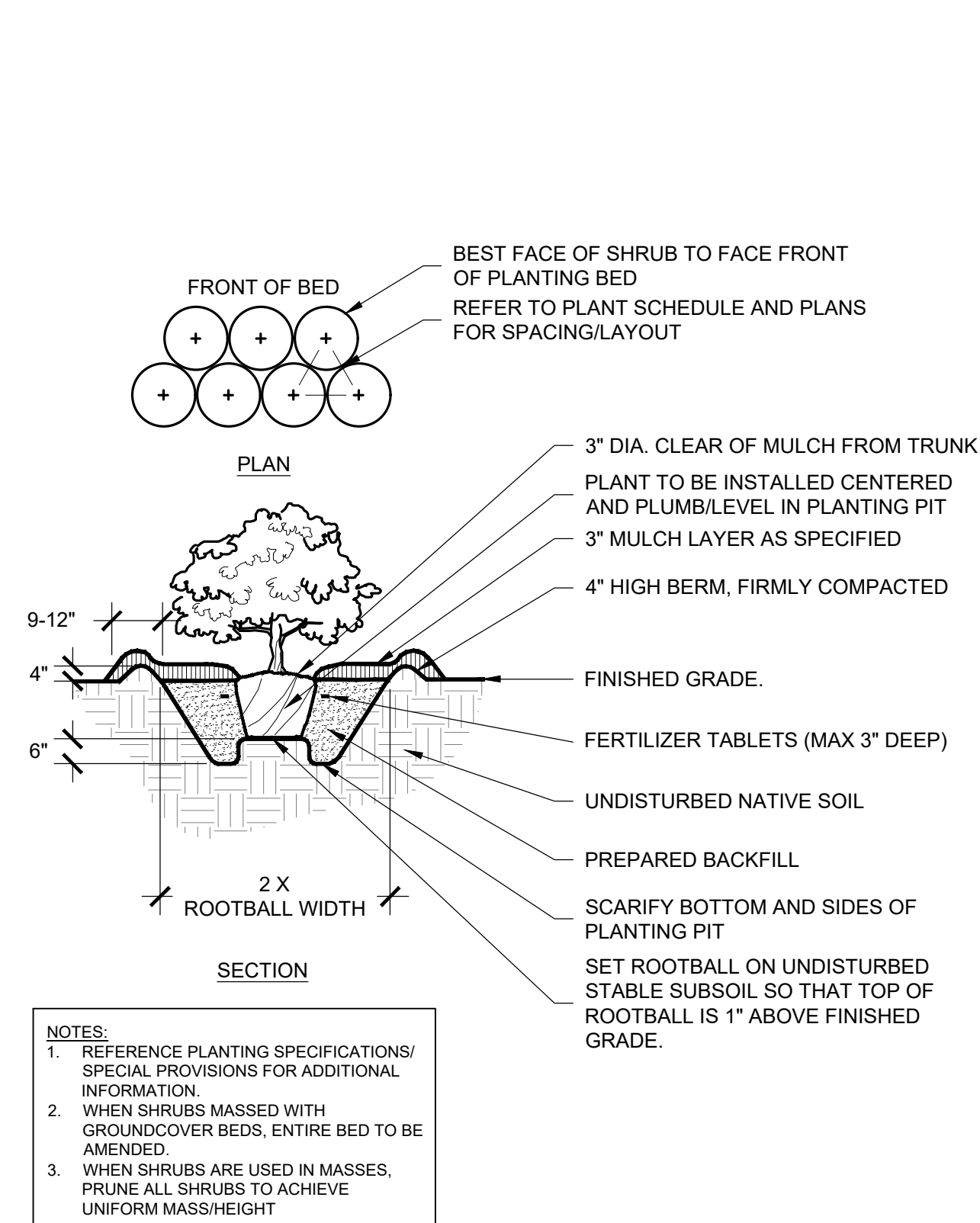
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No.	DATE	BY						
<p>KHA PROJECT 195737352 DATE 7/1/2025 SCALE AS SHOWN DESIGNED BY FH DRAWN BY AD CHECKED BY JB</p>		<p>STATE OF NEW MEXICO CHRISTOPHER PEARCE HEPLER L-658 REGISTERED LANDSCAPE ARCHITECT</p>						
<p>ALBUQUERQUE, NM PREPARED FOR TARGET CORPORATION</p>		<p>LANDSCAPE PLAN</p>						
<p>SHEET NUMBER L106</p>		<p>NEW MEXICO CITY OF ALBUQUERQUE</p>						

Plotted By: Abutabik, Maryam - Sheet: Sct:kha - Layout: LANDSCAPE DETAILS - July 01, 2025 08:13:17pm - K:\SND-LEVA-TARGET-Abutabik\kha\LANDSCAPE PLAN.dwg - on-site - LANDSCAPE PLAN.dwg
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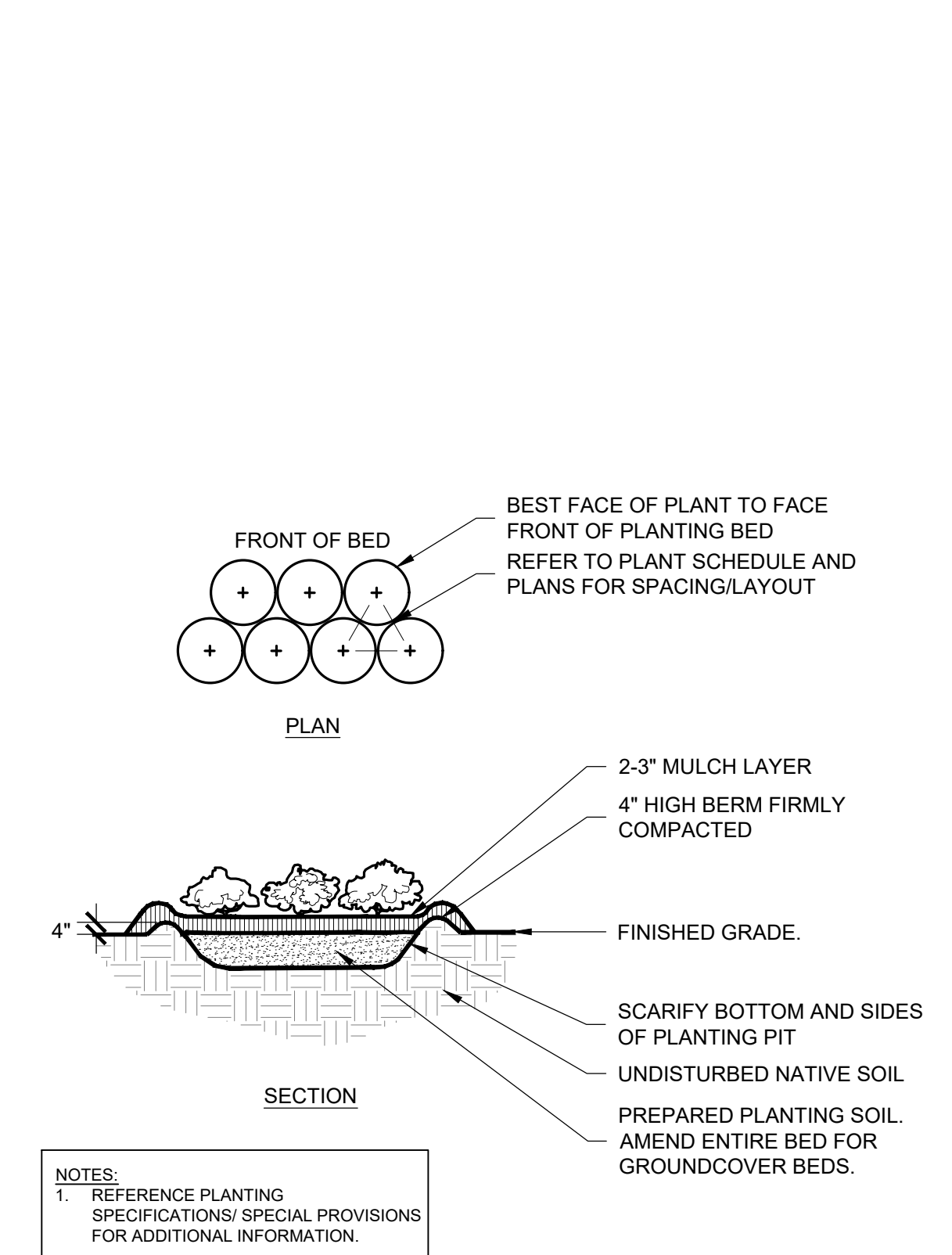
- NOTES:**
- REFERENCE PLANTING SPECIFICATIONS/ SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
 - DOUBLE STAKE ALL TREES #15 (15 GAL.) SIZE AND LARGER. FOR SINGLE STAKED TREES, PLACE STAKE ON WINDWARD SIDE OF TREE.
 - FOR DOUBLE STAKED TREES, PLACE STAKES PERPENDICULAR TO WINDWARD SIDE OF TREE.
 - LOCATE ALL STAKES OUTSIDE OF ROOTBALL. DO NOT DRIVE STAKES INTO ROOTBALL. STAKE SHALL BE DRIVEN MIN. 24" INTO NATIVE SOIL AT BOTTOM OF PLANTING PIT.
 - REMOVE ANYTHING (IE. BURLAP, WIRES, STRAPS, ETC.) THAT COULD GIRLDE TREE OR RESTRICT TREE GROWTH.



A TYPICAL TREE PLANTING NTS

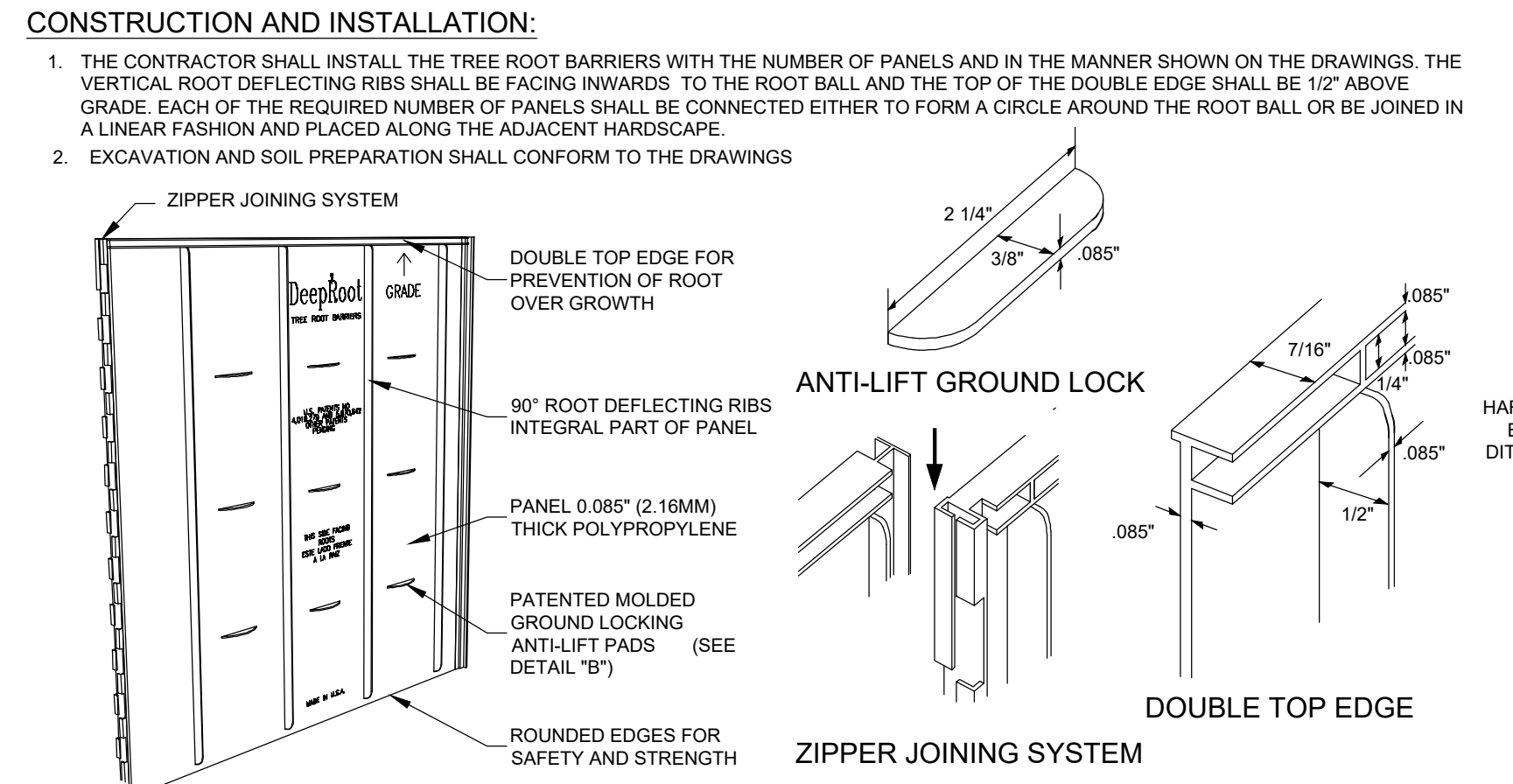


B TYPICAL SHRUB PLANTING NTS

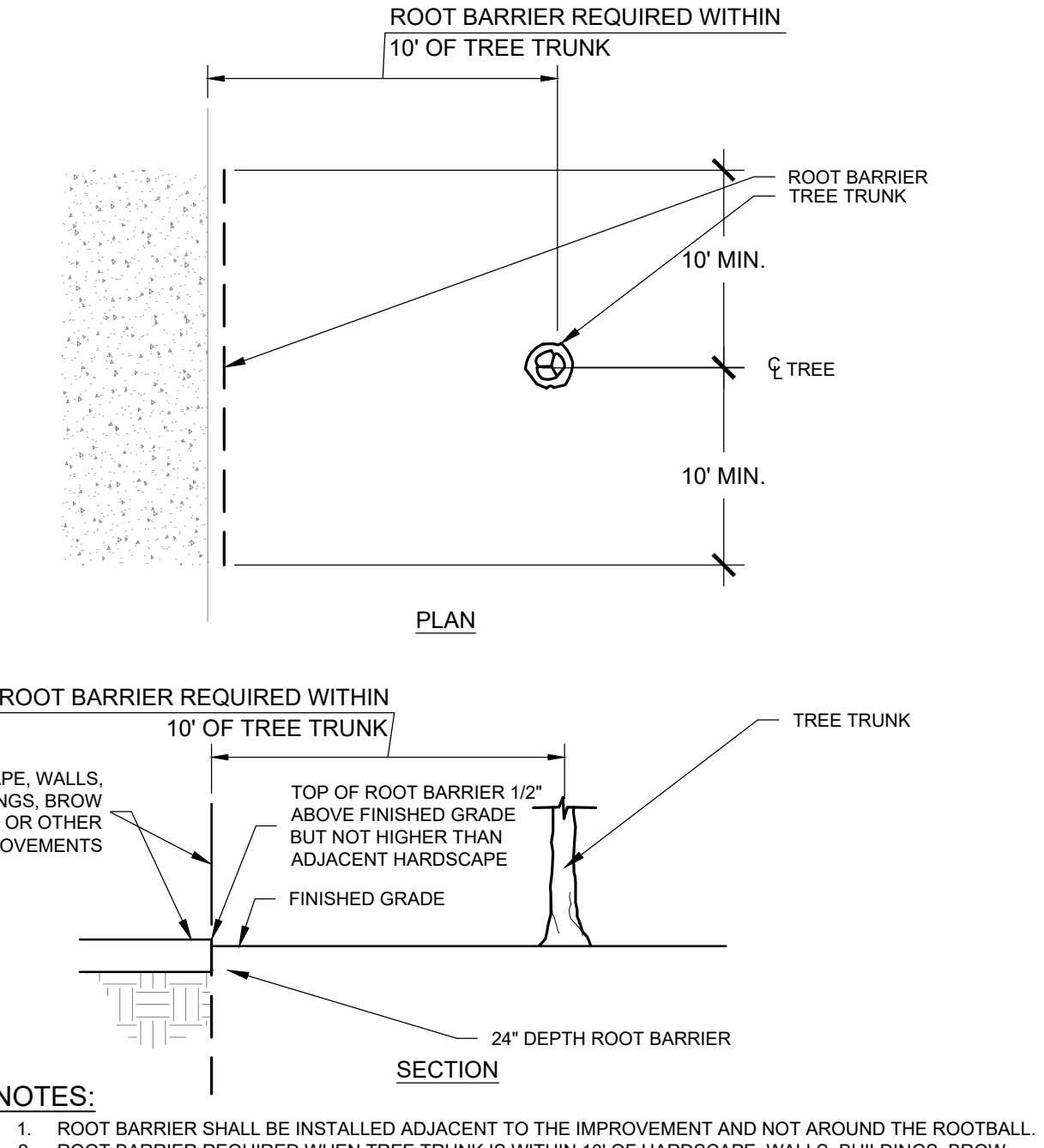


C TYPICAL GROUNDCOVER PLANTING NTS

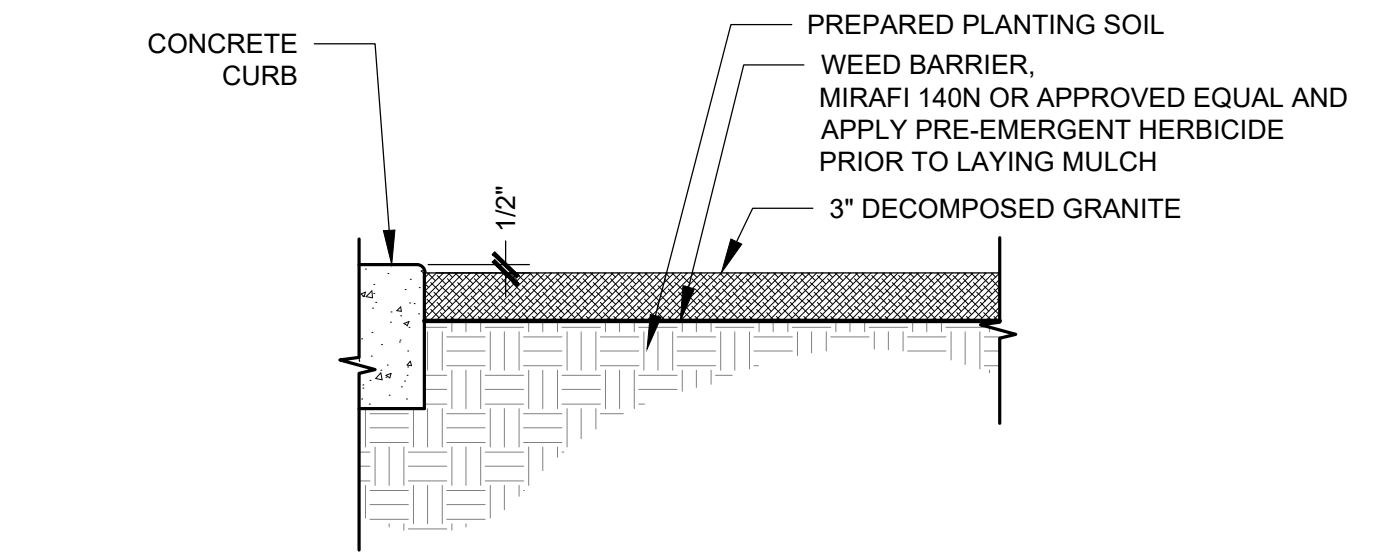
- NOTES:**
- SPECIFIED TREE ROOT BARRIERS ARE A MECHANICAL BARRIER AND ROOT DEFLECTOR TO PREVENT TREE ROOTS FROM DAMAGING ADJACENT PAVING / HARDSCAPE ELEMENTS. ASSEMBLED IN 2' LONG MODULES OR FOR LINEAR APPLICATIONS DIRECTLY BESIDE AN ADJACENT HARDSCAPE AREA TO ONE SIDE OF THE TREES (LINEAR PLANTING STYLE).
- MATERIALS:**
- THE CONTRACTOR SHALL FURNISH AND INSTALL TREE ROOT BARRIERS AS SPECIFIED. THE TREE ROOT BARRIERS SHALL BE PRODUCT # UB 24-2 AS MANUFACTURED BY DEEP ROOT PARTNERS, L.P. 530 WASHINGTON STREET, SAN FRANCISCO, CA 94111 (800-458-7668), OR APPROVED EQUAL. THE BARRIER SHALL BE BLACK, INJECTION MOLDED PANELS, OF 0.085" WALL THICKNESS IN MODULES 24" LONG BY 24" DEEP. MANUFACTURED WITH A MINIMUM 50% POST CONSUMER RECYCLED POLYPROPYLENE PLASTIC WITH ADDED ULTRAVIOLET INHIBITORS; RECYCLABLE.



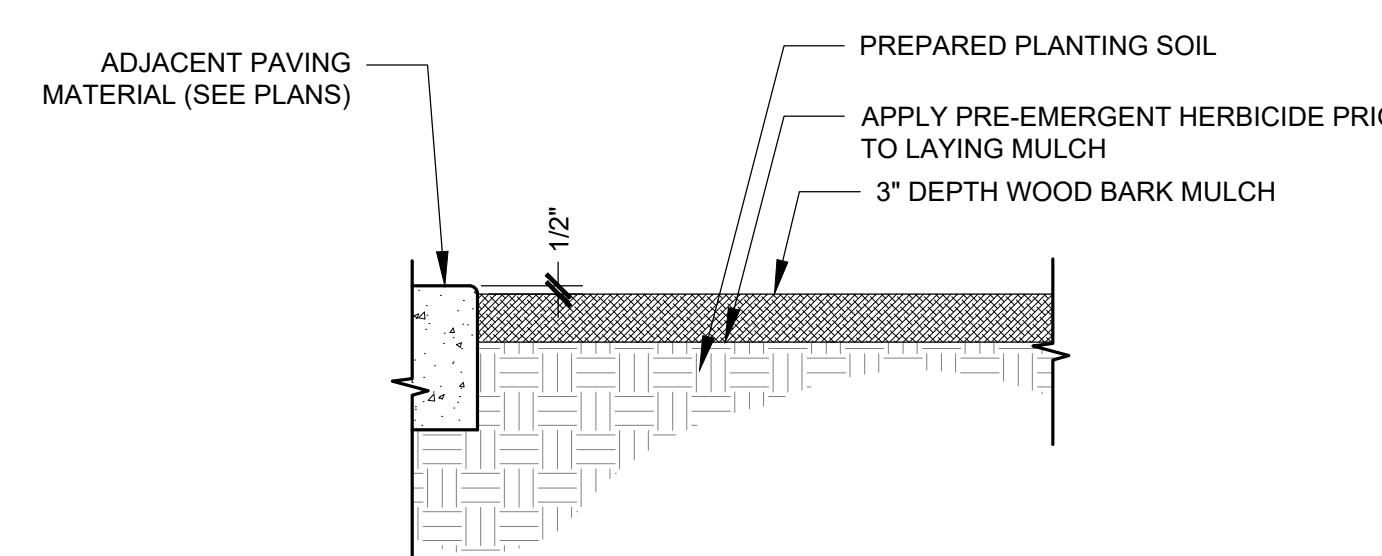
E ROOT CONTROL BARRIER NTS



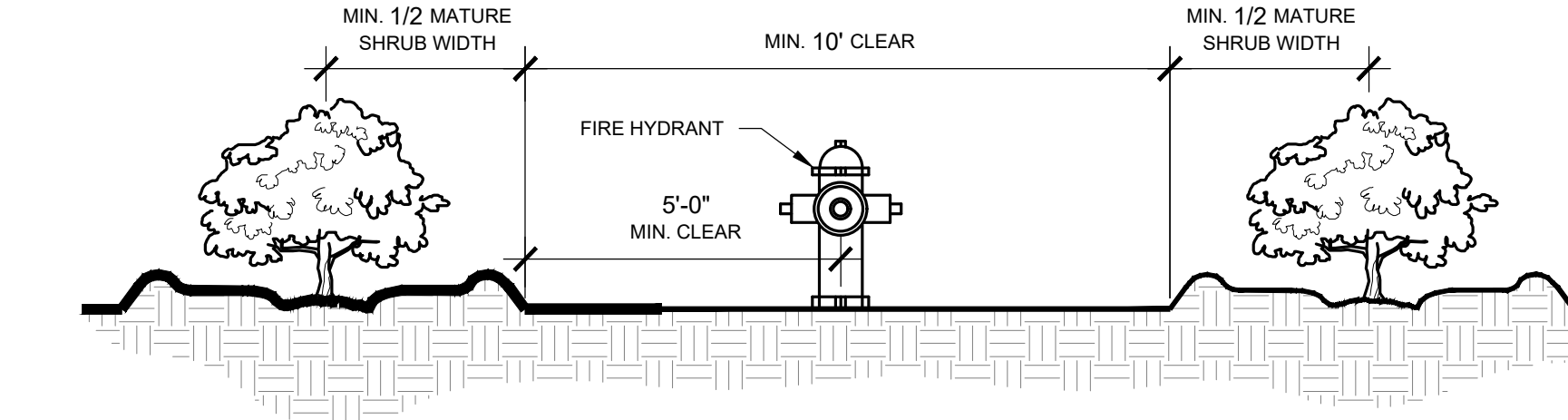
F WOOD BARK MULCH NTS



D DECOMPOSED GRANITE AT CURB NTS

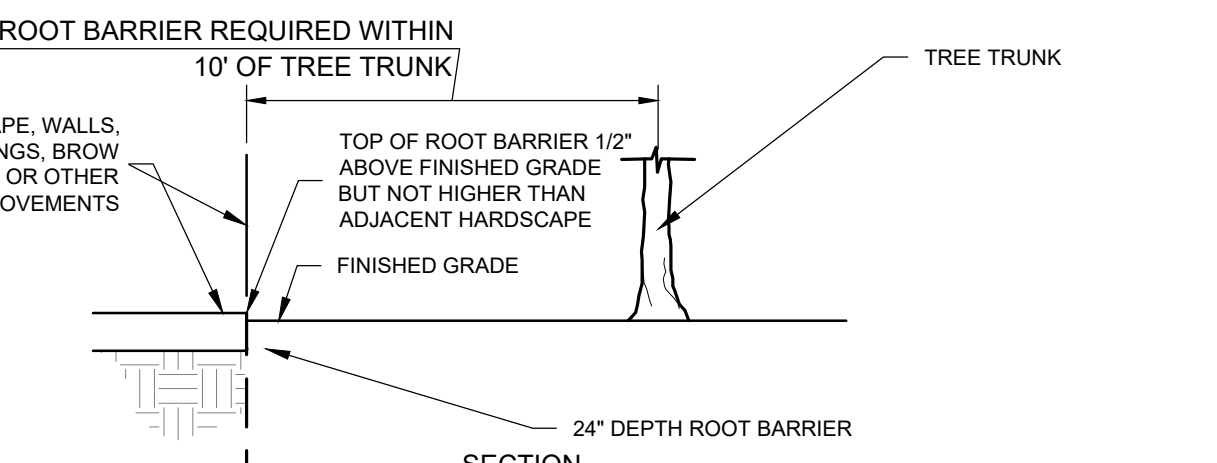


F WOOD BARK MULCH NTS



G SHRUB PLANTING AT FIRE HYDRANT NTS

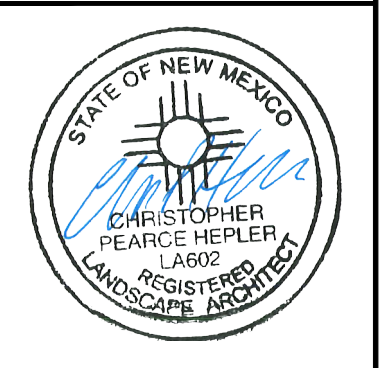
- NOTES:**
- ROOT BARRIER SHALL BE INSTALLED ADJACENT TO THE IMPROVEMENT AND NOT AROUND THE ROOTBALL.
 - ROOT BARRIER REQUIRED WHEN TREE TRUNK IS WITHIN 10' OF HARDSCAPE, WALLS, BUILDINGS, BROW DITCHES, OR OTHER IMPROVEMENTS



F WOOD BARK MULCH NTS

NO.	REVISIONS	DATE	BY

Kimley-Horn
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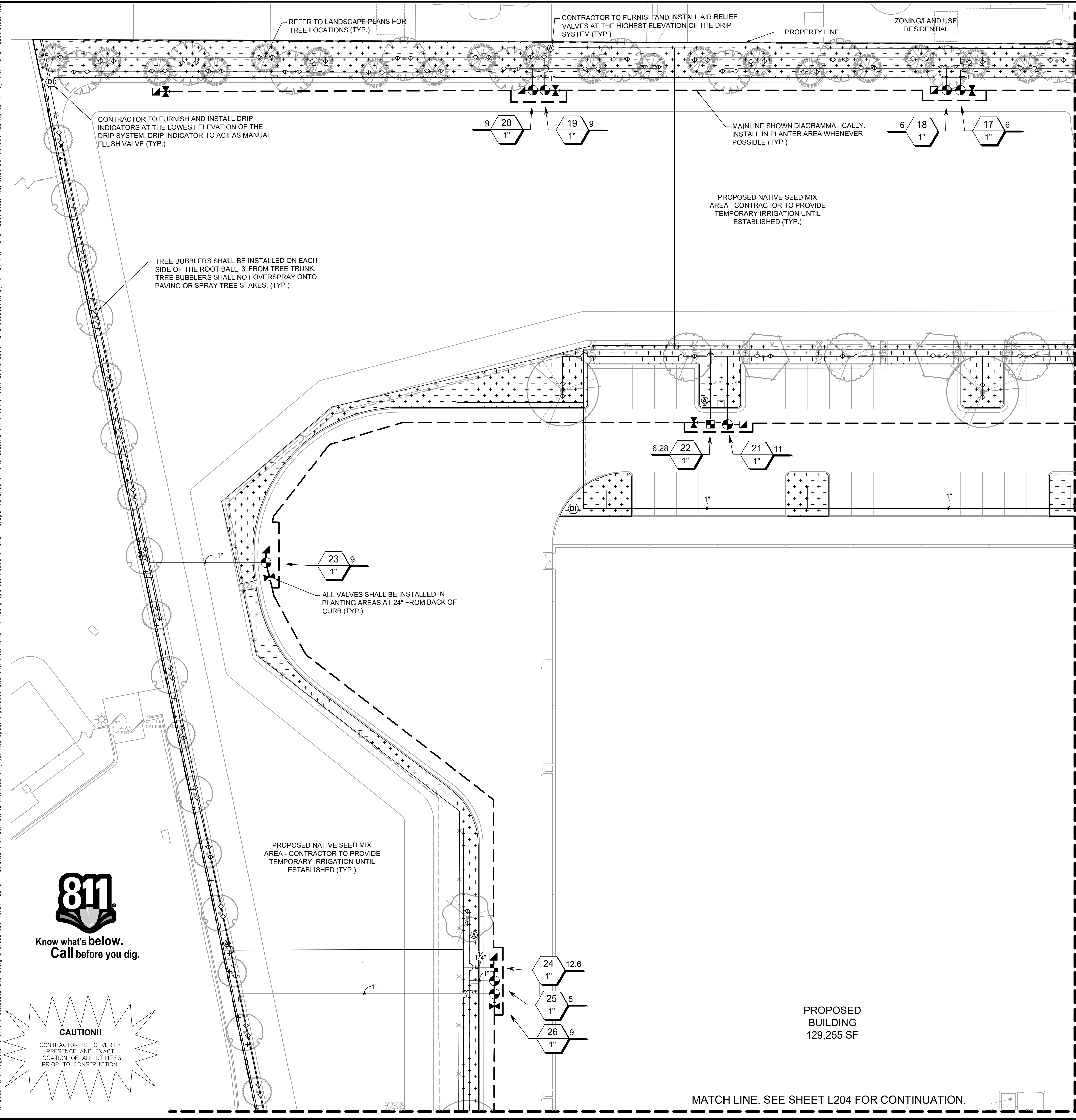
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195737352	7/1/2025	AS SHOWN	FH	AD	JB

LANDSCAPE PLAN

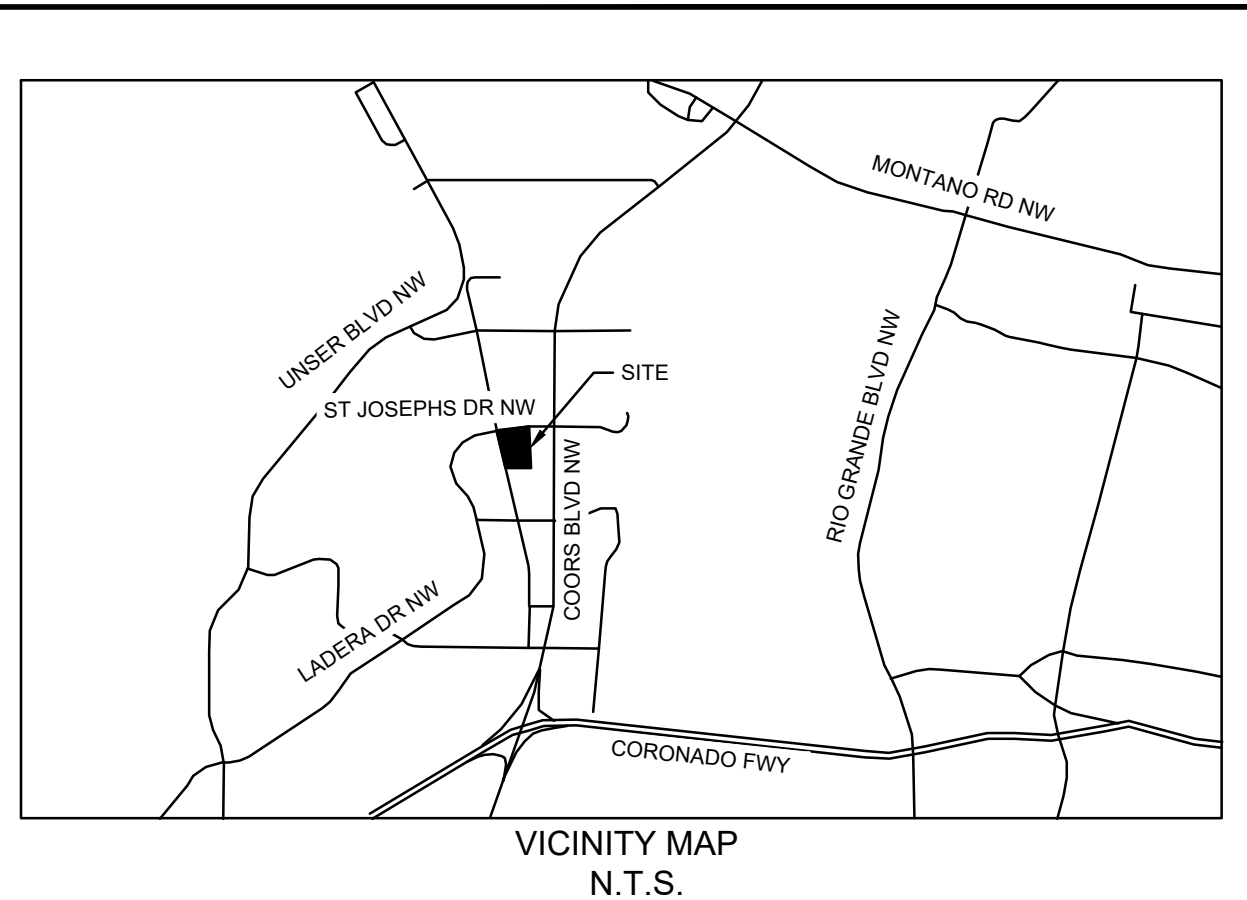
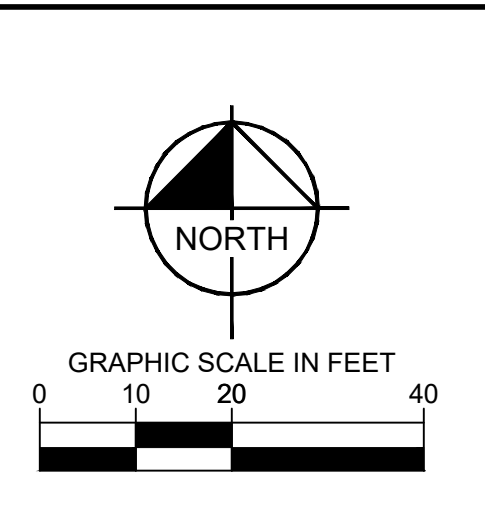
ALBUQUERQUE, NM
 PREPARED FOR
TARGET CORPORATION
 CITY OF ALBUQUERQUE, NEW MEXICO



Plotted By: Abutabik, Maryam. Sheet: Sst:kha. Layout: IRRIGATION PLAN. July 01, 2025. 06:14:23pm. K:\SEND_IDEV\TARGET\target_albuquerque_nm\CAD\plansheets - onsite\ - IRRIGATION PLAN.dwg
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MATCH LINE. SEE SHEET L202 FOR CONTINUATION.



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	HUNTER PROS-PRS30-06-CV-MSBN MULTI-STREAM BUBBLER, 6IN. POP-UP, FACTORY INSTALLED DRAIN CHECK VALVE, 25=25GPM, 50=0.5GPM, 10=1.0GPM, 20=2.0GPM.	326	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	HUNTER ICZ-101-25 DRIP CONTROL ZONE KIT. 1IN. ICV GLOBE VALVE WITH 1IN. HY100 FILTER SYSTEM. PRESSURE REGULATION: 25PSI. FLOW RANGE: 2 GPM TO 20 GPM. 150 MESH STAINLESS STEEL SCREEN.	9	
	HUNTER PLD-AVR PLD-AVR ALLOWS FOR AIR TO ESCAPE A RESIDENTIAL DRIP IRRIGATION SYSTEM TO PREVENT BLOCKAGE AND WATER HAMMERING. 1/2IN. MPT CONNECTION WITH 80 PSI MAXIMUM RATING.	19	
	HUNTER ECO-ID ECO-ID: 1/2IN. FPT CONNECTION WITH 12 PSI-70 PSI OPERATING PRESSURE. SPECIFY WITH HUNTER SJ SWING JOINT.	16	
	AREA TO RECEIVE DRIP EMITTERS HUNTER HEB 1/2IN. FEMALE THREADED POINT SOURCE DRIP EMITTER. COLOR CODED EMITTERS FOR FLOW RATES OF 0.5 GPH - 6.0 GPH. RECOMMENDED PRESSURE FROM 20 PSI-50 PSI. OPTIONAL DIFFUSER CAP (HE) AVAILABLE FOR HIGHER FLOWS AND CLOG PROTECTION. ON IH-12 RISER	69,989 SF	
	Emitter Notes: 10 emitters (1 assigned to each 1 Gal. plant)	1,043	
	10 emitters (1 assigned to each 1 gal plant)	1,469	
	10 emitters (1 assigned to each 5 Gal. plant)	1,353	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	HUNTER ICV-G 1IN., 1-1/2IN., 2IN., AND 3IN. PLASTIC ELECTRIC REMOTE CONTROL VALVES. GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.	18	
	HUNTER HQ-44LRC QUICK COUPLER VALVE, YELLOW RUBBER LOCKING COVER, RED BRASS AND STAINLESS STEEL, WITH 1IN. NPT INLET, 2-PIECE BODY.	23	
	HAYWARD TRUE UNION SIZE TO MATCH MAINLINE DIAMETER	25	
	HUNTER IBV 1-1/2" 1IN., 1-1/2IN., 2IN., AND 3IN. BRASS ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.	1	
	FEBCO 825Y 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER	1	
	HYDROPOINT WEATHERTRAK CONTROLLER PER TARGET DEVELOPMENT STANDARDS	1	
	RAIN BIRD UFS-150 1-1/2IN. ULTRASONIC FLOW SENSORS, WITH GLASS FILLED NYLON BODY. OPERATING RANGE 0.5 GPM TO . SIZE FOR FLOW NOT ACCORDING TO PIPE SIZE.	1	
	WATER METER 1-1/2" PROPOSED 1.5" IRRIGATION METER - SEE CIVIL PLANS	1	
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40	13,682 LF	
	IRRIGATION MAINLINE: PVC SCHEDULE 40	4,196 LF	
	PIPE SLEEVE: PVC SCHEDULE 40 PIPE SLEEVES SHALL BE TWO (2) TIMES THE DIAMETER OF THE PIPE IT SERVES (TYP.)	4,270 LF	
	Valve Callout # # Valve Number # # Valve Flow # # Valve Size		

MATCH LINE. SEE SHEET L204 FOR CONTINUATION.



CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

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STATE OF NEW MEXICO
 CHRISTOPHER PEARCE HEPLER
 LICENSED LANDSCAPE ARCHITECT

KHA PROJECT	DATE	SCALE	DESIGNED BY	AD	IB
195737352	7/1/2025	AS SHOWN	FH	AD	IB

IRRIGATION PLAN

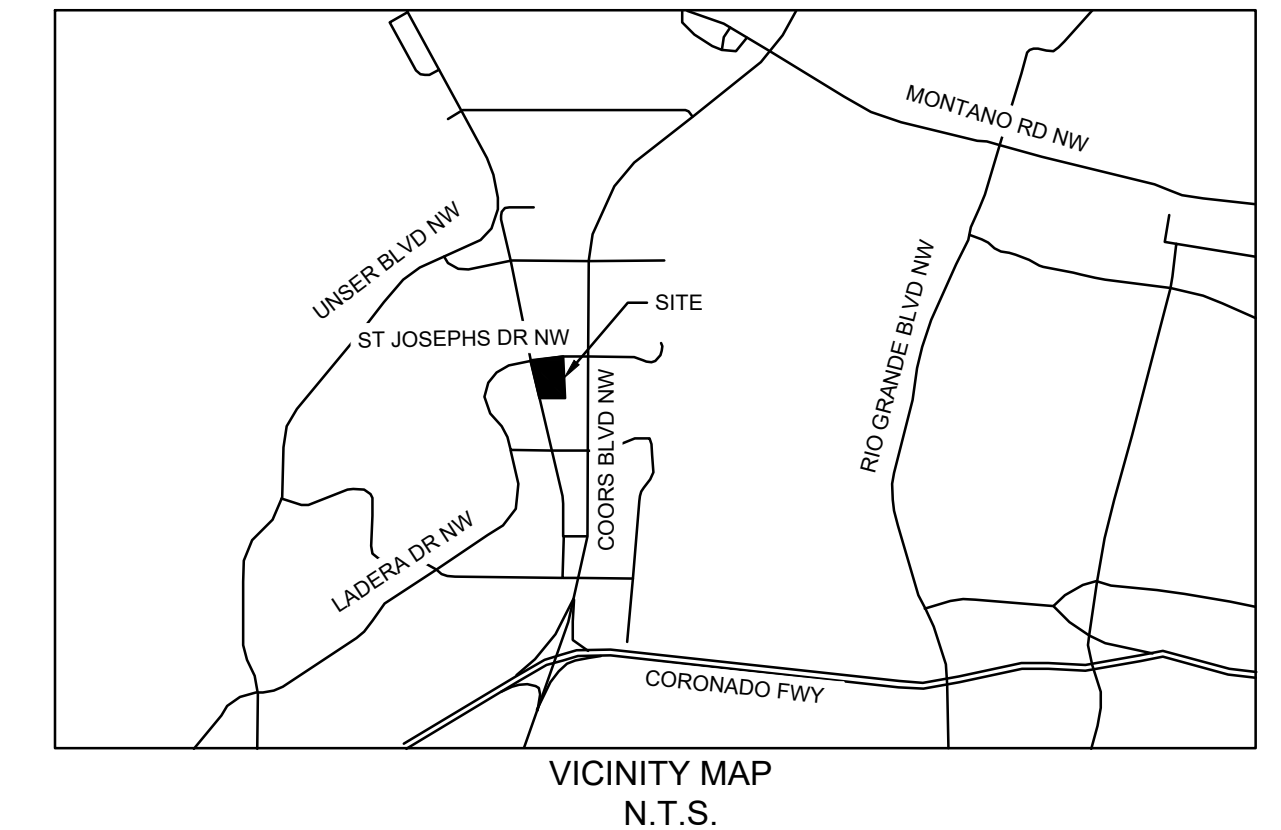
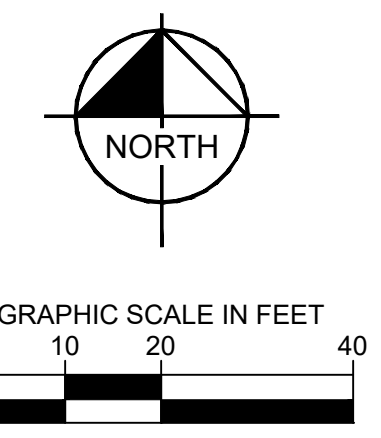
ALBUQUERQUE, NM
 PREPARED FOR
 TARGET CORPORATION
 CITY OF ALBUQUERQUE, NEW MEXICO

SHEET NUMBER
L201

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MATCH LINE. SEE SHEET C501 FOR CONTINUATION.

PROPOSED BUILDING
129,255 SF



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
▽ 250 500 50H 10H 10F 20P	HUNTER PROS-PRS30-06-CV-MSBN MULTI-STREAM BUBBLER, 6IN. POP-UP, FACTORY INSTALLED DRAIN CHECK VALVE, 25=25GPM, 50=0.5GPM, 10=1.0GPM, 20=2.0GPM.	326	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
■	HUNTER ICZ-101-25 DRIP CONTROL ZONE KIT. 1IN. ICV GLOBE VALVE WITH 1IN. HY100 FILTER SYSTEM. PRESSURE REGULATION: 25PSI. FLOW RANGE: 2 GPM TO 20 GPM. 150 MESH STAINLESS STEEL SCREEN.	9	
Ⓐ	HUNTER PLD-AVR PLD-AVR ALLOWS FOR AIR TO ESCAPE A RESIDENTIAL DRIP IRRIGATION SYSTEM TO PREVENT BLOCKAGE AND WATER HAMMERING. 1/2IN. MPT CONNECTION WITH 80 PSI MAXIMUM RATING.	19	
Ⓓ	HUNTER ECO-ID ECO-ID: 1/2IN. FPT CONNECTION WITH 12 PSI-70 PSI OPERATING PRESSURE. SPECIFY WITH HUNTER SJ SWING JOINT.	16	
+	AREA TO RECEIVE DRIP EMITTERS HUNTER HEB 1/2IN. FEMALE THREADED POINT SOURCE DRIP EMITTER. COLOR CODED EMITTERS FOR FLOW RATES OF 0.5 GPH - 6.0 GPH. RECOMMENDED PRESSURE FROM 20 PSI-50 PSI. OPTIONAL DIFFUSER CAP (HE) AVAILABLE FOR HIGHER FLOWS AND CLOG PROTECTION. ON IH-12 RISER EMITTER NOISES	69,989 SF	
	10 emitters (1 assigned to each 1 Gal. plant)	1,043	
	10 emitters (1 assigned to each 1 gal plant)	1,469	
	10 emitters (1 assigned to each 5 Gal. plant)	1,353	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
⊙	HUNTER ICV-G 1IN., 1-1/2IN., 2IN., AND 3IN. PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.	18	
⊠	HUNTER HQ-44LRC QUICK COUPLER VALVE, YELLOW RUBBER LOCKING COVER, RED BRASS AND STAINLESS STEEL, WITH 1IN. NPT INLET, 2-PIECE BODY.	23	
⊗	HAYWARD TRUE UNION SIZE TO MATCH MAINLINE DIAMETER	25	
Ⓜ	HUNTER IBV 1-1/2" 1IN., 1-1/2IN., 2IN., AND 3IN. BRASS ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.	1	
Ⓛ	FEBCO 825Y 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER	1	
Ⓒ	HYDROPOINT WEATHERTRAK CONTROLLER PER TARGET DEVELOPMENT STANDARDS	1	
Ⓢ	RAIN BIRD UFS-150 1-1/2IN. ULTRASONIC FLOW SENSORS, WITH GLASS FILLED NYLON BODY. OPERATING RANGE 0.5 GPM TO . SIZE FOR FLOW NOT ACCORDING TO PIPE SIZE.	1	
Ⓜ	WATER METER 1-1/2" PROPOSED 1.5" IRRIGATION METER - SEE CIVIL PLANS	1	
---	IRRIGATION LATERAL LINE: PVC SCHEDULE 40	13,682 LF	
---	IRRIGATION MAINLINE: PVC SCHEDULE 40	4,196 LF	
---	PIPE SLEEVE: PVC SCHEDULE 40 PIPE SLEEVES SHALL BE TWO (2) TIMES THE DIAMETER OF THE PIPE IT SERVES (TYP.)	4,270 LF	
Ⓢ	Valve Callout		
Ⓢ	Valve Number		
Ⓢ	Valve Flow		
Ⓢ	Valve Size		

MATCH LINE. SEE SHEET C503 FOR CONTINUATION.

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.



CONTRACTOR TO FURNISH AND INSTALL DRIP INDICATORS AT THE LOWEST ELEVATION OF THE DRIP SYSTEM. DRIP INDICATOR TO ACT AS MANUAL FLUSH VALVE (TYP.)

ALL VALVES SHALL BE INSTALLED IN PLANTING AREAS AT 24" FROM BACK OF CURB (TYP.)

TREE BUBBLERS SHALL BE INSTALLED ON EACH SIDE OF THE ROOT BALL, 3' FROM TREE TRUNK. TREE BUBBLERS SHALL NOT OVERSPRAY ONTO PAVING OR SPRAY TREE STAKES. (TYP.)

FIELD VERIFY CONTROLLER LOCATION WITH OWNER OR OWNER'S REPRESENTATIVE. CONTROLLER AND WEATHER SENSOR SHALL BE CONNECTED AND OPERATING PRIOR TO FINAL INSPECTION. CONTRACTOR SHALL PROVIDE A NEATLY DRAWN LAMINATED IRRIGATION LAYOUT CHART FOR CONTROLLER. AN 18" PAD OF WOOD BARK MULCH SHALL BE PROVIDED AT FRONT OF CONTROLLER FOR ACCESS.

MAINLINE SHOWN DIAGRAMMATICALLY. INSTALL IN PLANTER AREA WHENEVER POSSIBLE (TYP.)

CONTRACTOR TO FURNISH AND INSTALL AIR RELIEF VALVES AT THE HIGHEST ELEVATION OF THE DRIP SYSTEM (TYP.)

PROPOSED 1.5" IRRIGATION METER - SEE CIVIL PLANS

REFER TO LANDSCAPE PLANS FOR TREE LOCATIONS (TYP.)

ALL IRRIGATION PIPE SLEEVES SHALL BE TWO (2) TIMES THE DIAMETER OF THE PIPE IT CARRIES (TYP.)

MATCH LINE. SEE SHEET L205 FOR CONTINUATION

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KHA PROJECT	195737352
DATE	7/1/2025
SCALE	AS SHOWN
DESIGNED BY	FH
DRAWN BY	AD
CHECKED BY	JB

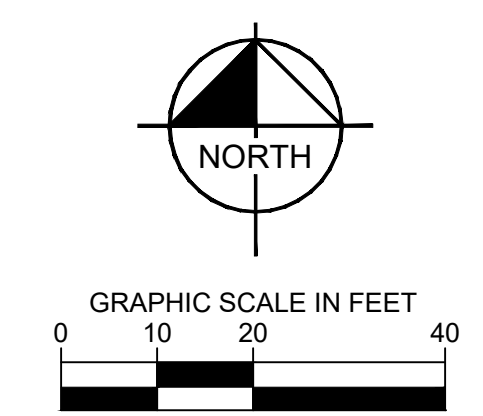
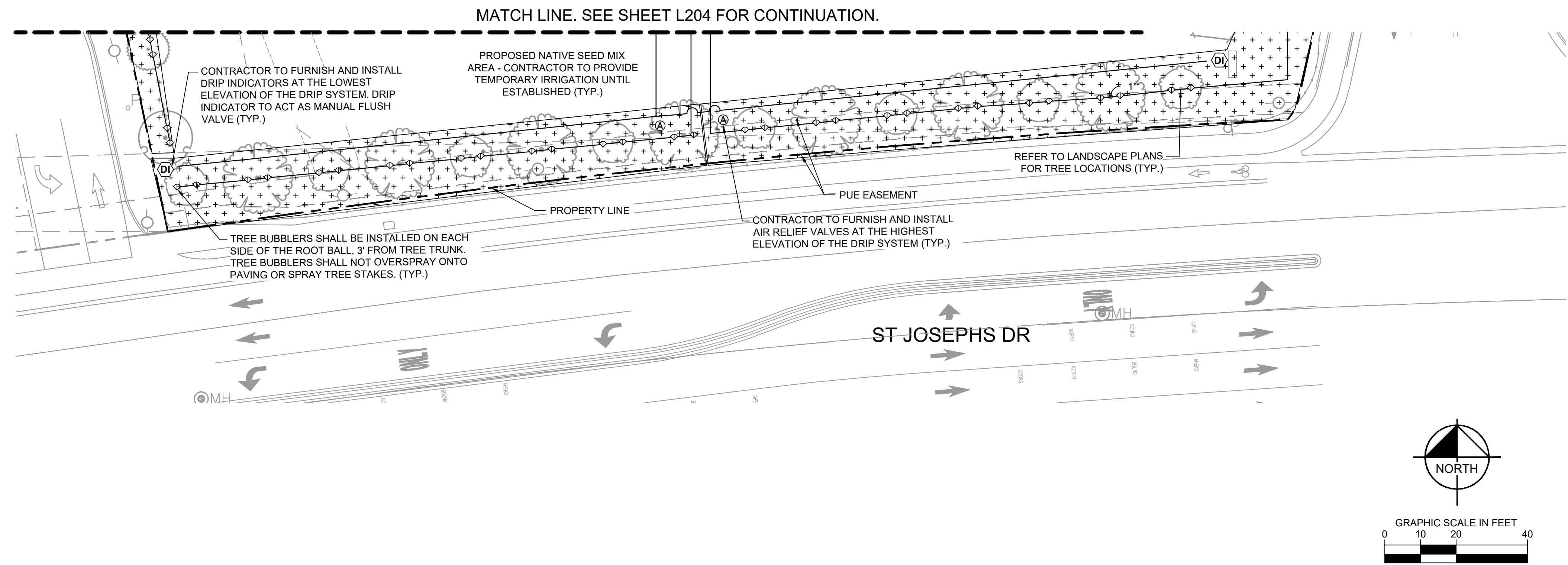
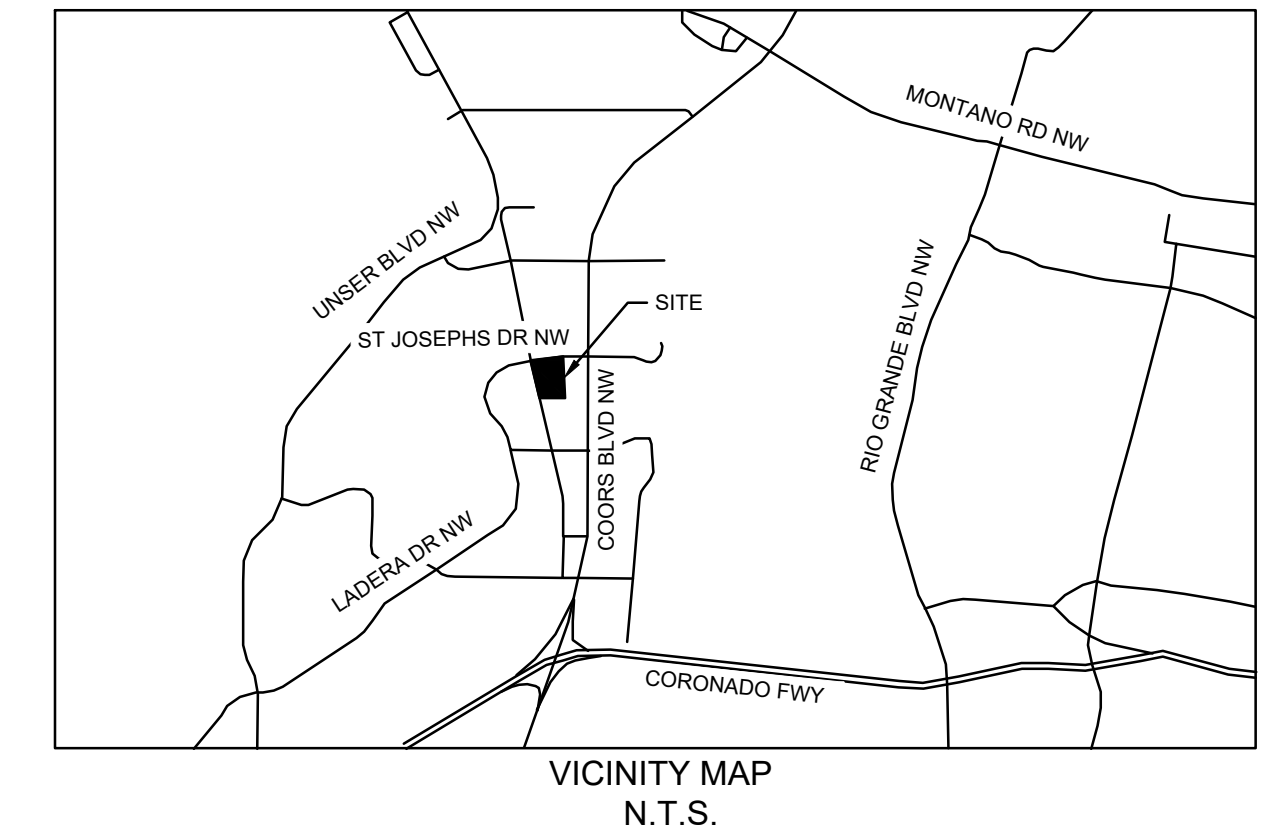
IRRIGATION PLAN

ALBUQUERQUE, NM
PREPARED FOR
TARGET CORPORATION
CITY OF ALBUQUERQUE, NEW MEXICO

SHEET NUMBER
L204

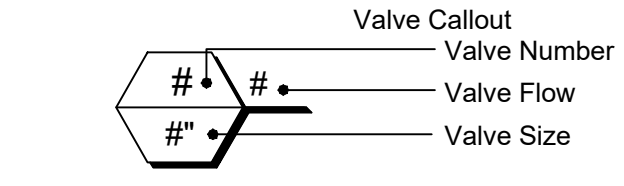
NO.	REVISIONS	DATE	BY

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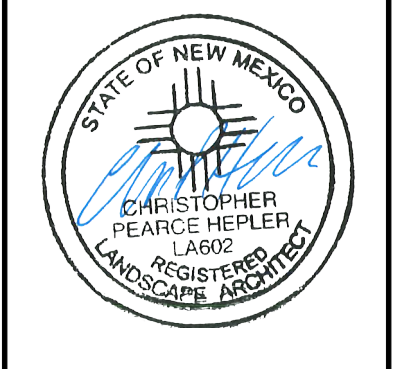
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	HUNTER PROS-PRS30-06-CV-MSBN MULTI-STREAM BUBBLER, 6IN. POP-UP, FACTORY INSTALLED DRAIN CHECK VALVE, 25=25GPM, 50=0.5GPM, 10=1.0GPM, 20=2.0GPM.	326	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
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	HUNTER PLD-AVR PLD-AVR ALLOWS FOR AIR TO ESCAPE A RESIDENTIAL DRIP IRRIGATION SYSTEM TO PREVENT BLOCKAGE AND WATER HAMMERING. 1/2IN. MPT CONNECTION WITH 80 PSI MAXIMUM RATING.	19	
	HUNTER ECO-ID ECO-ID: 1/2IN. FPT CONNECTION WITH 12 PSI-70 PSI OPERATING PRESSURE. SPECIFY WITH HUNTER SJ SWING JOINT.	16	
	AREA TO RECEIVE DRIP EMITTERS HUNTER HEB 1/2IN. FEMALE THREADED POINT SOURCE DRIP EMITTER. COLOR CODED EMITTERS FOR FLOW RATES OF 0.5 GPH - 6.0 GPH. RECOMMENDED PRESSURE FROM 20 PSI-50 PSI. OPTIONAL DIFFUSER CAP (HE) AVAILABLE FOR HIGHER FLOWS AND CLOG PROTECTION. ON IH-12 RISER Emitter Notes: 10 emitters (1 assigned to each 1 Gal. plant) 10 emitters (1 assigned to each 1 gal plant) 10 emitters (1 assigned to each 5 Gal. plant)	69,989 SF 1,043 1,469 1,353	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
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	HUNTER HQ-44LRC QUICK COUPLER VALVE, YELLOW RUBBER LOCKING COVER, RED BRASS AND STAINLESS STEEL, WITH 1IN. NPT INLET, 2-PIECE BODY.	23	
	HAYWARD TRUE UNION SIZE TO MATCH MAINLINE DIAMETER	25	
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	FEBCO 825Y 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER	1	
	HYDROPOINT WEATHERTRAK CONTROLLER PER TARGET DEVELOPMENT STANDARDS	1	
	RAIN BIRD UFS-150 1-1/2IN. ULTRASONIC FLOW SENSORS, WITH GLASS FILLED NYLON BODY, OPERATING RANGE 0.5 GPM TO . SIZE FOR FLOW NOT ACCORDING TO PIPE SIZE.	1	
	WATER METER 1-1/2" PROPOSED 1.5" IRRIGATION METER - SEE CIVIL PLANS	1	
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40	13,682 LF	
	IRRIGATION MAINLINE: PVC SCHEDULE 40	4,196 LF	
	PIPE SLEEVE: PVC SCHEDULE 40 PIPE SLEEVES SHALL BE TWO (2) TIMES THE DIAMETER OF THE PIPE IT SERVES (TYP.)	4,270 LF	



No.	REVISIONS	DATE	BY

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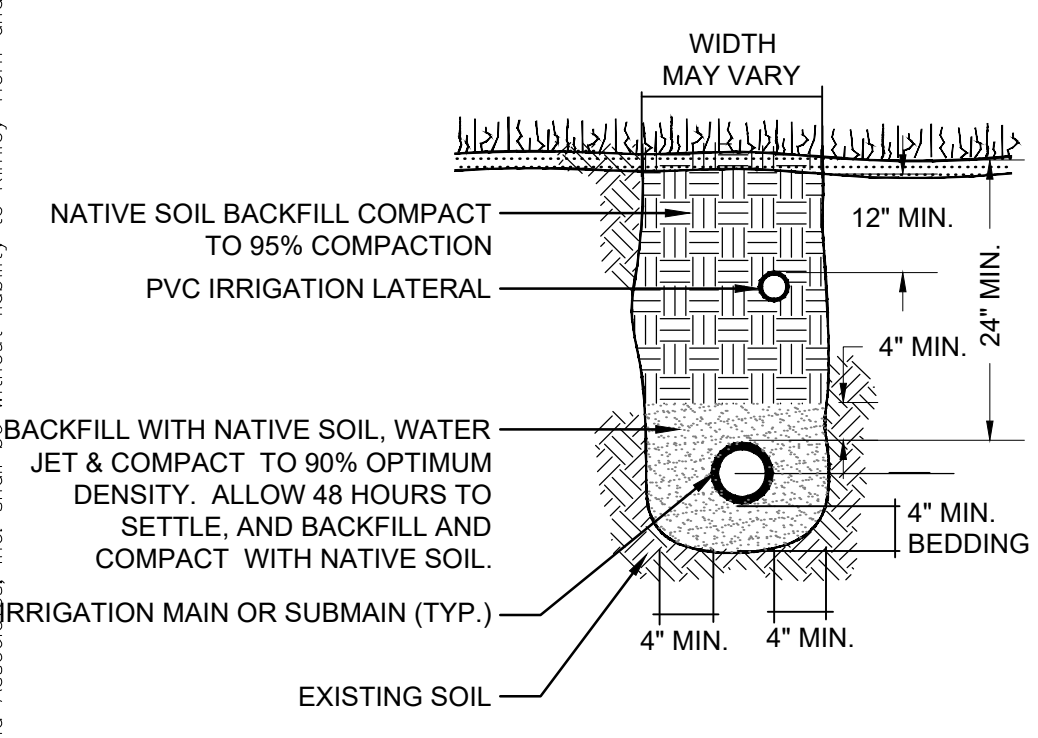


KHA PROJECT 195737352	DATE 7/1/2025	SCALE AS SHOWN	DESIGNED BY FH	DRAWN BY AD	CHECKED BY JB
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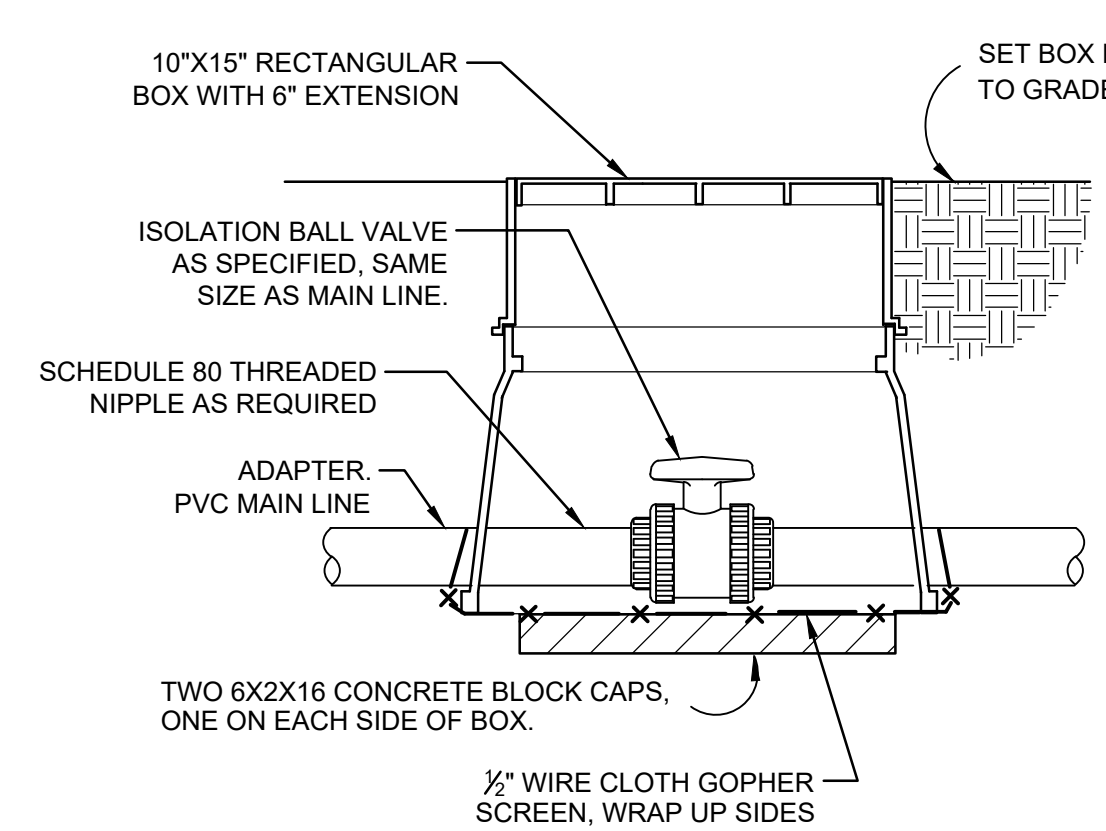
IRRIGATION PLAN

ALBUQUERQUE, NM
 PREPARED FOR
TARGET CORPORATION
 CITY OF ALBUQUERQUE, NEW MEXICO

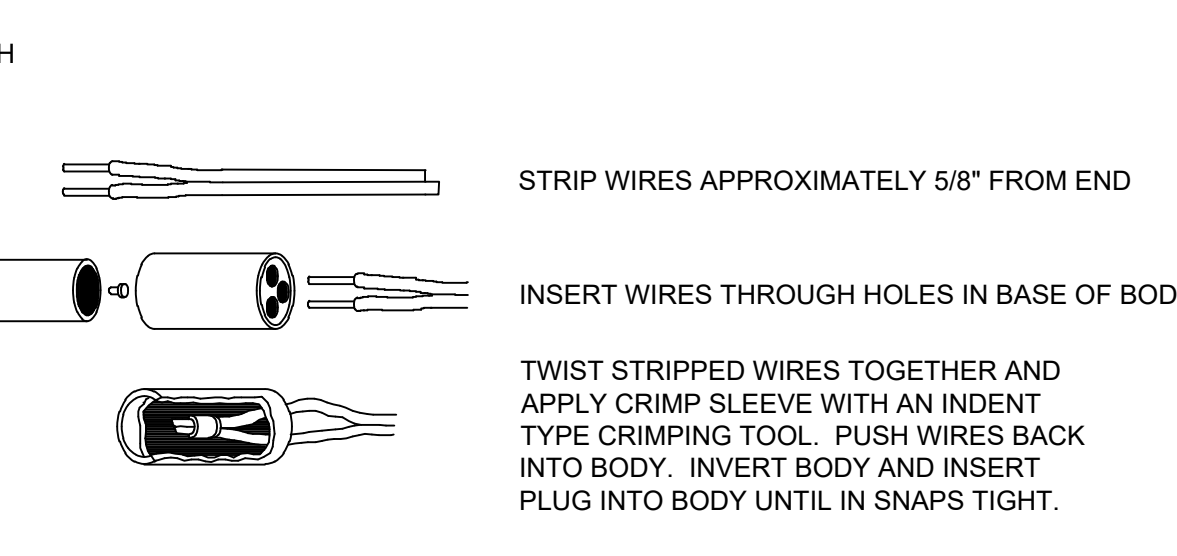
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A TRENCHING DETAIL N.T.S.

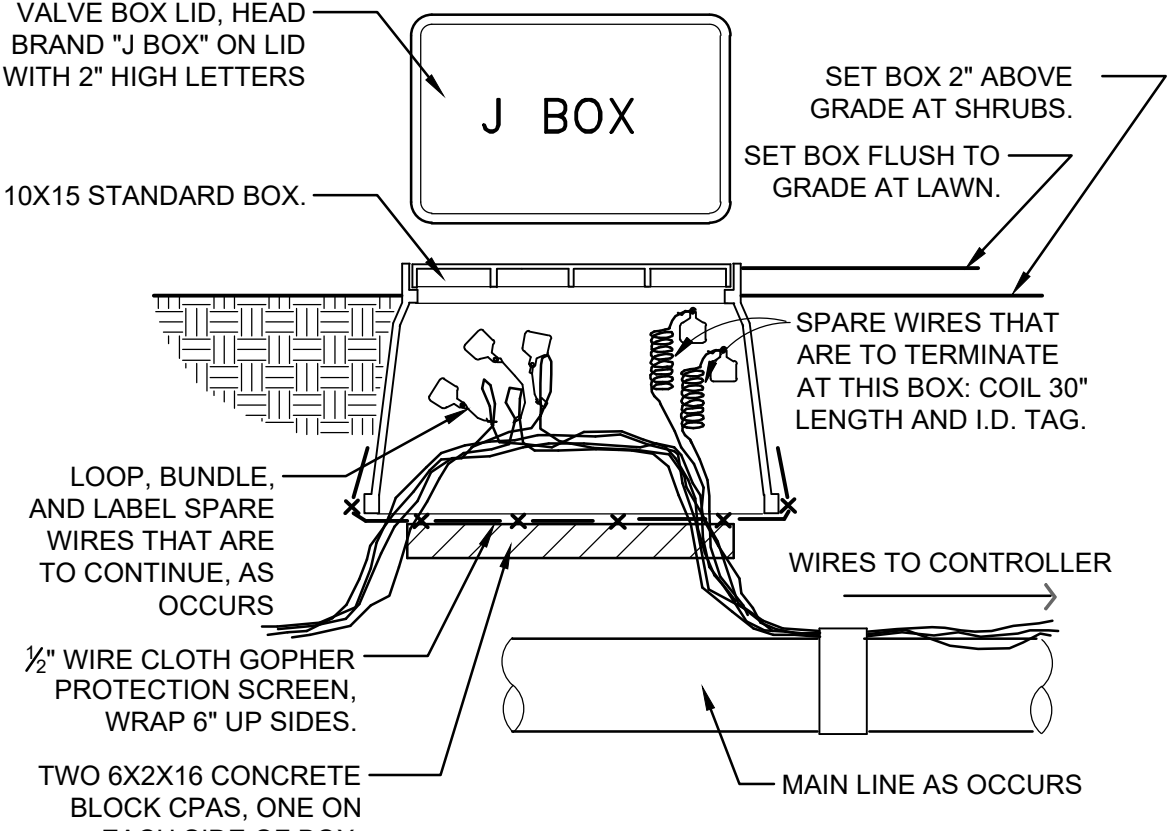


B SHUT OFF VALVE N.T.S.

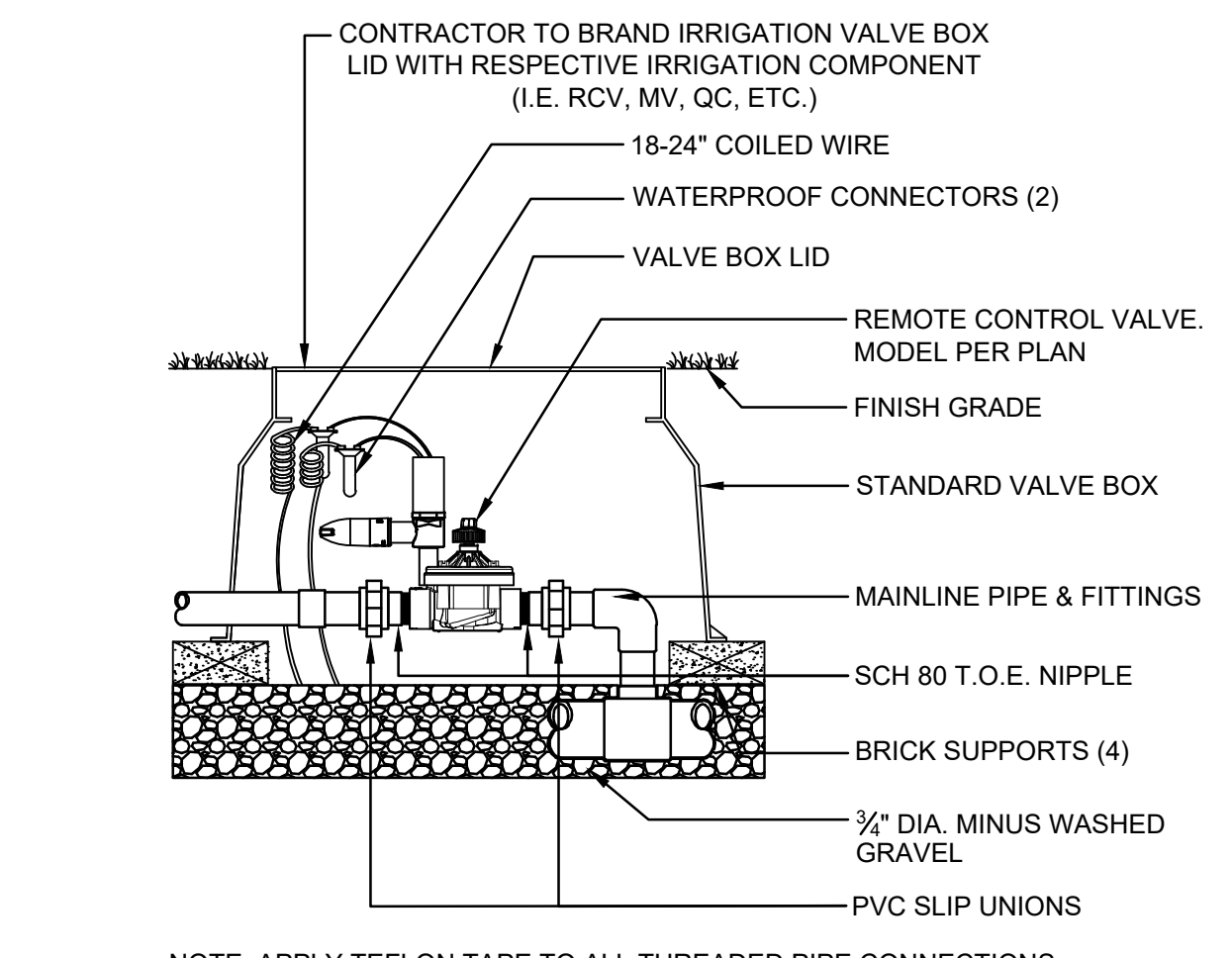


- NOTES:**
- ONE CONNECTOR HANDLES #10 AWG, #12 AWG AND #14 AWG WIRES.
 - WIRE CONNECTORS WILL ACCEPT THREE WIRE OR TWO WIRE CONNECTIONS.
 - WIRE CONNECTOR SHALL BE 3M DBR/DBY OR KING BROS.

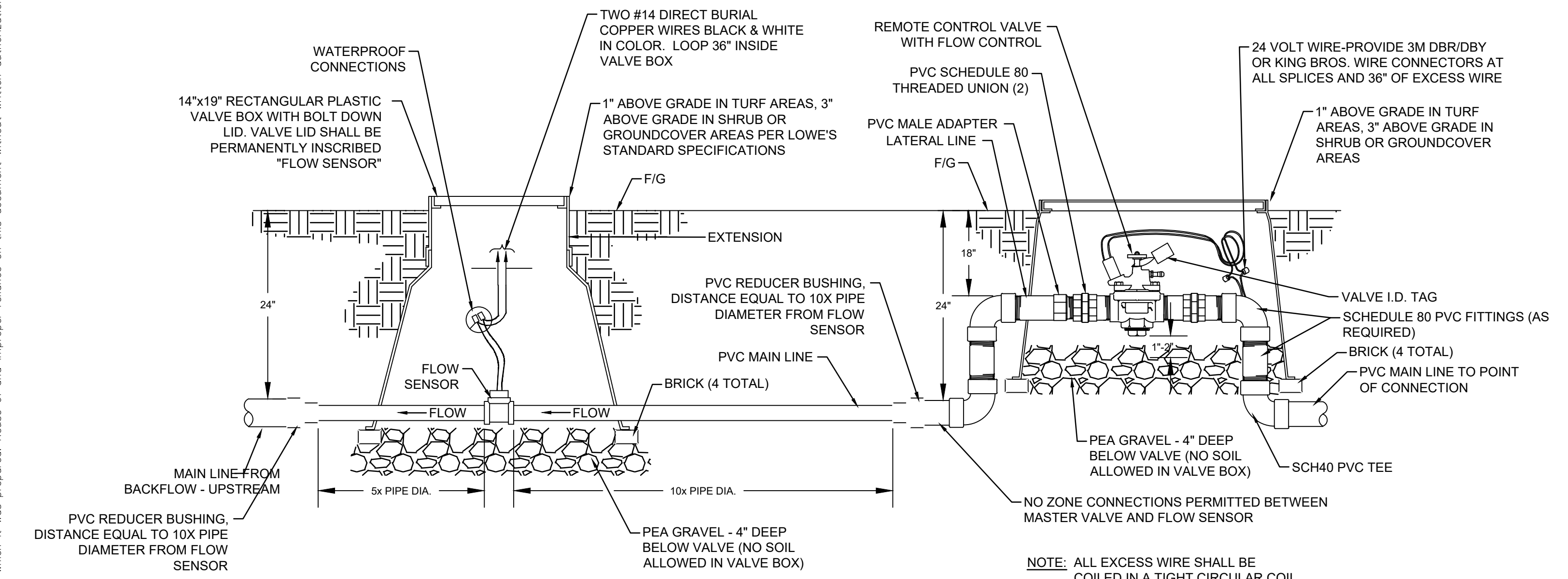
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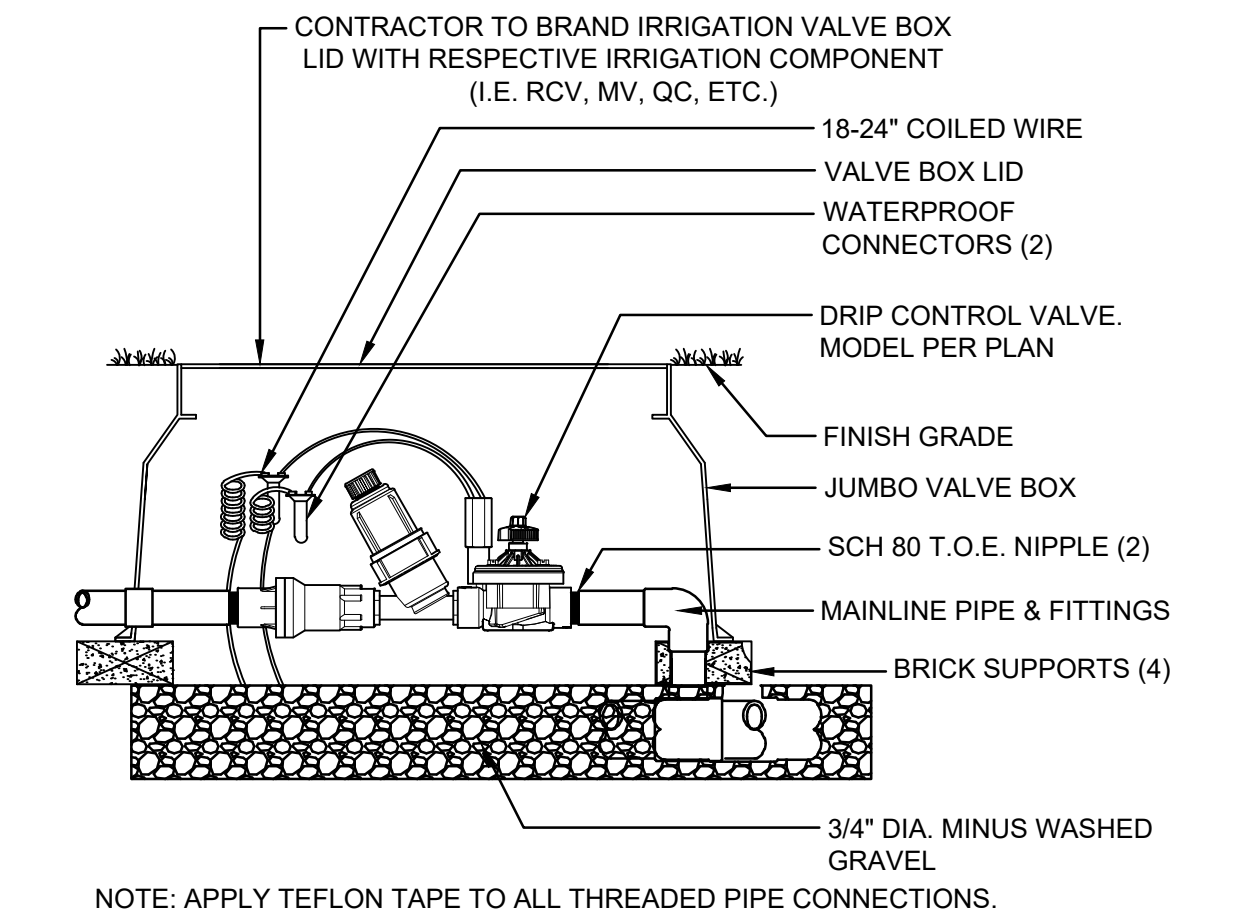
D WIRE BUNDLE JUNCTION BOX N.T.S.



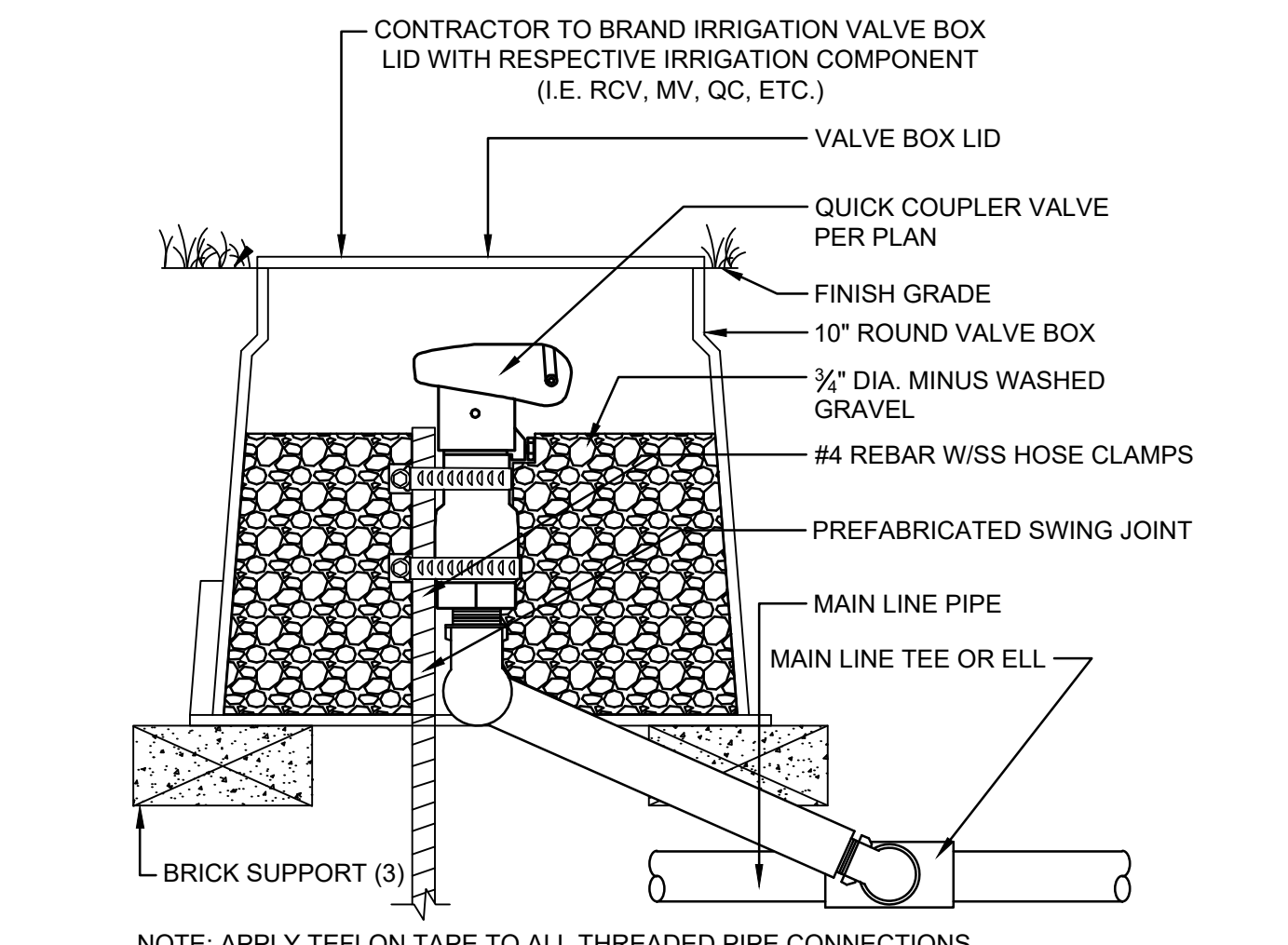
E ICV GLOBE VALVE N.T.S.



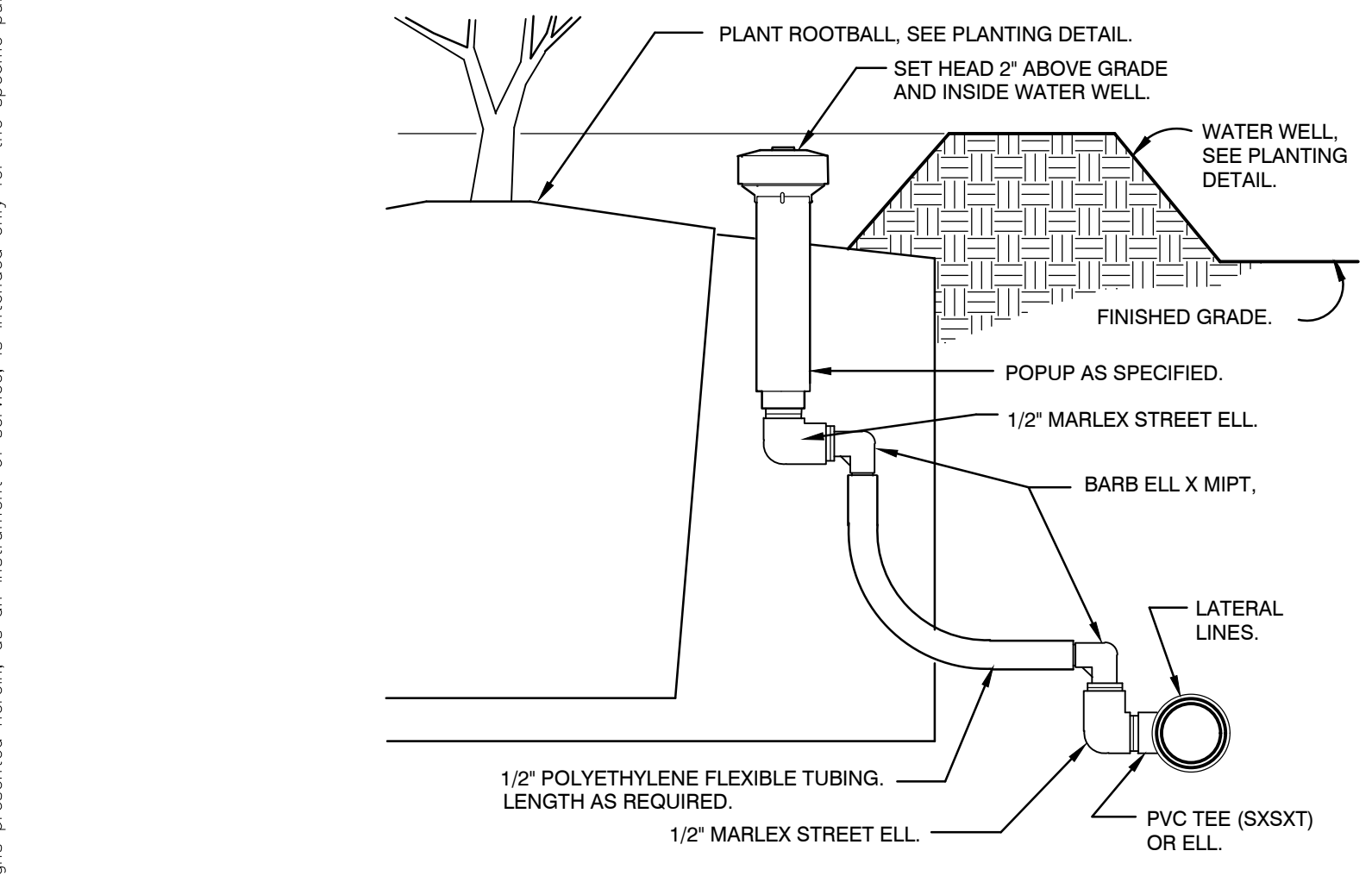
F FLOW SENSOR AND MASTER REMOTE CONTROL VALVE INSTALLATION N.T.S.



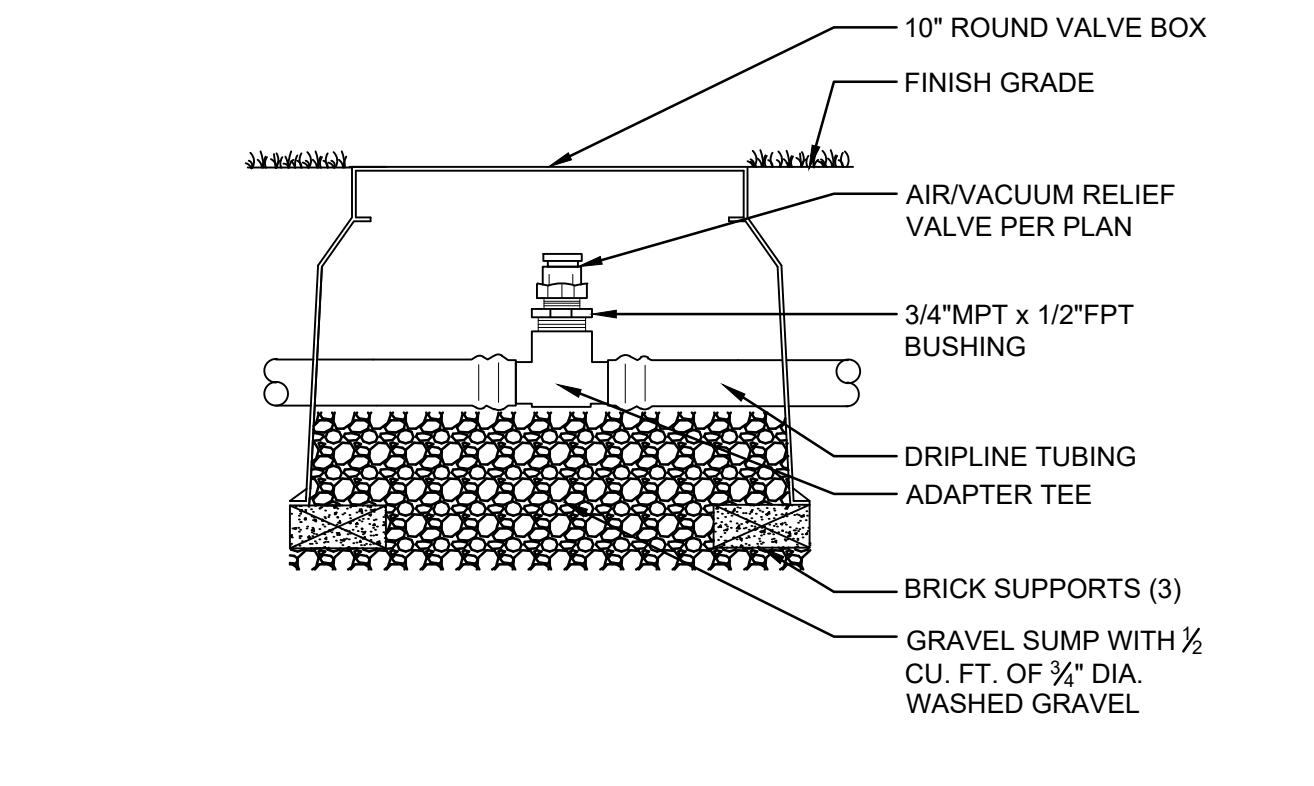
G DRIP CONTROL ZONE KIT N.T.S.



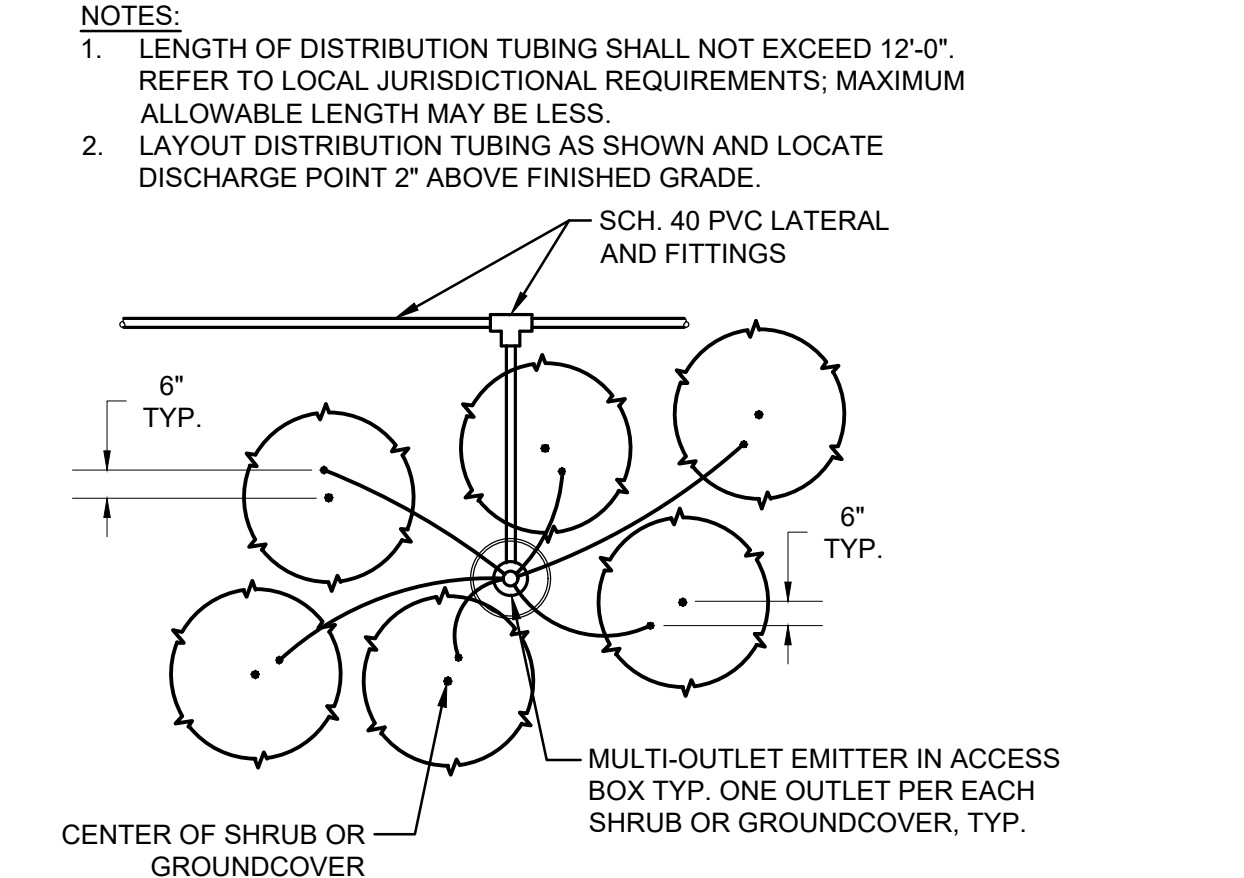
H QUICK COUPLER VALVE N.T.S.



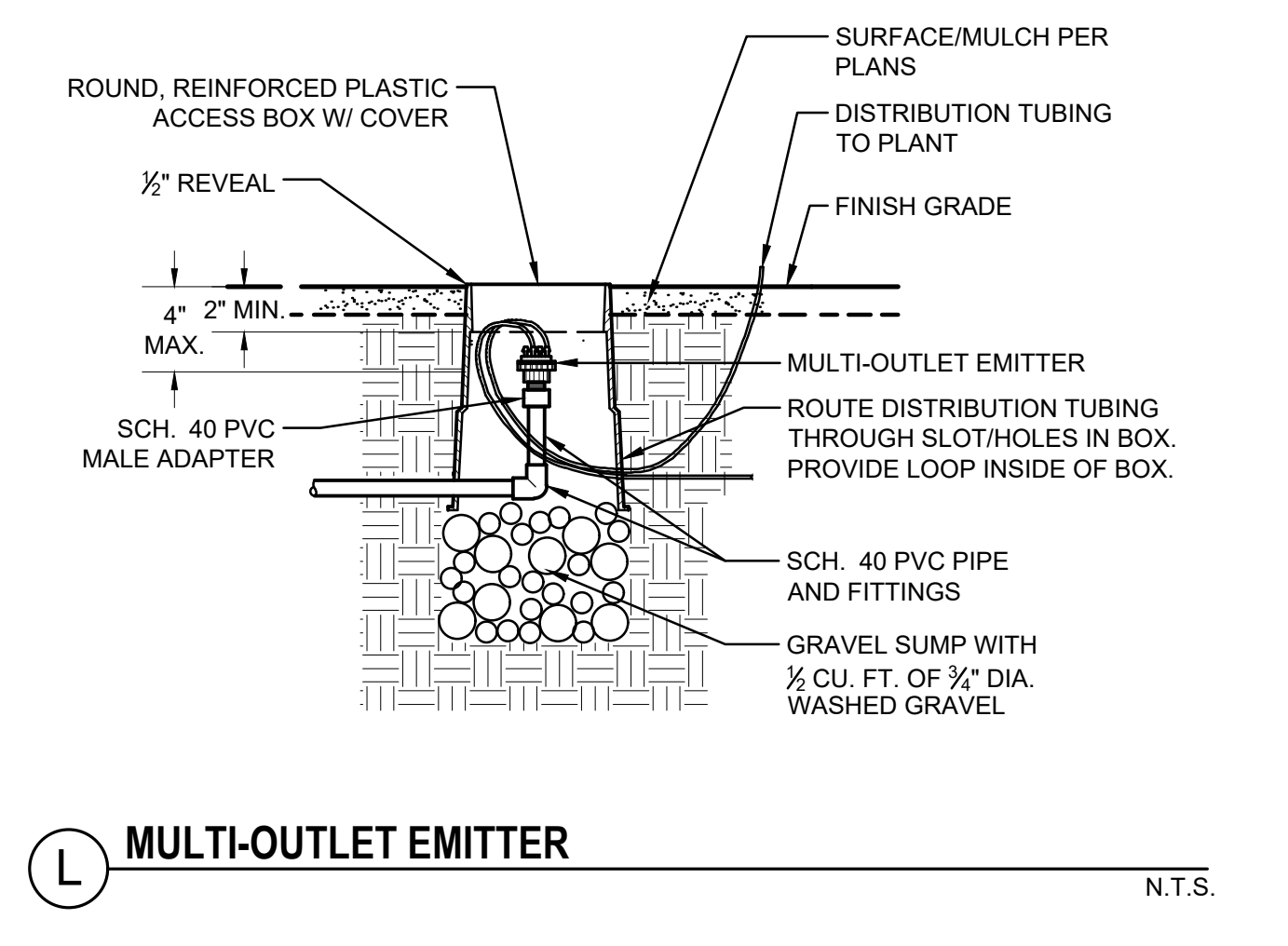
I POPUP BUBBLER AT PLANT PIT 3" = 1'-0" IR-KH-04



J DRIP AIR RELIEF VALVE N.T.S.



K EMITTER DISTRIBUTION TUBING LAYOUT - SHRUBS N.T.S.



L MULTI-OUTLET EMITTER N.T.S.



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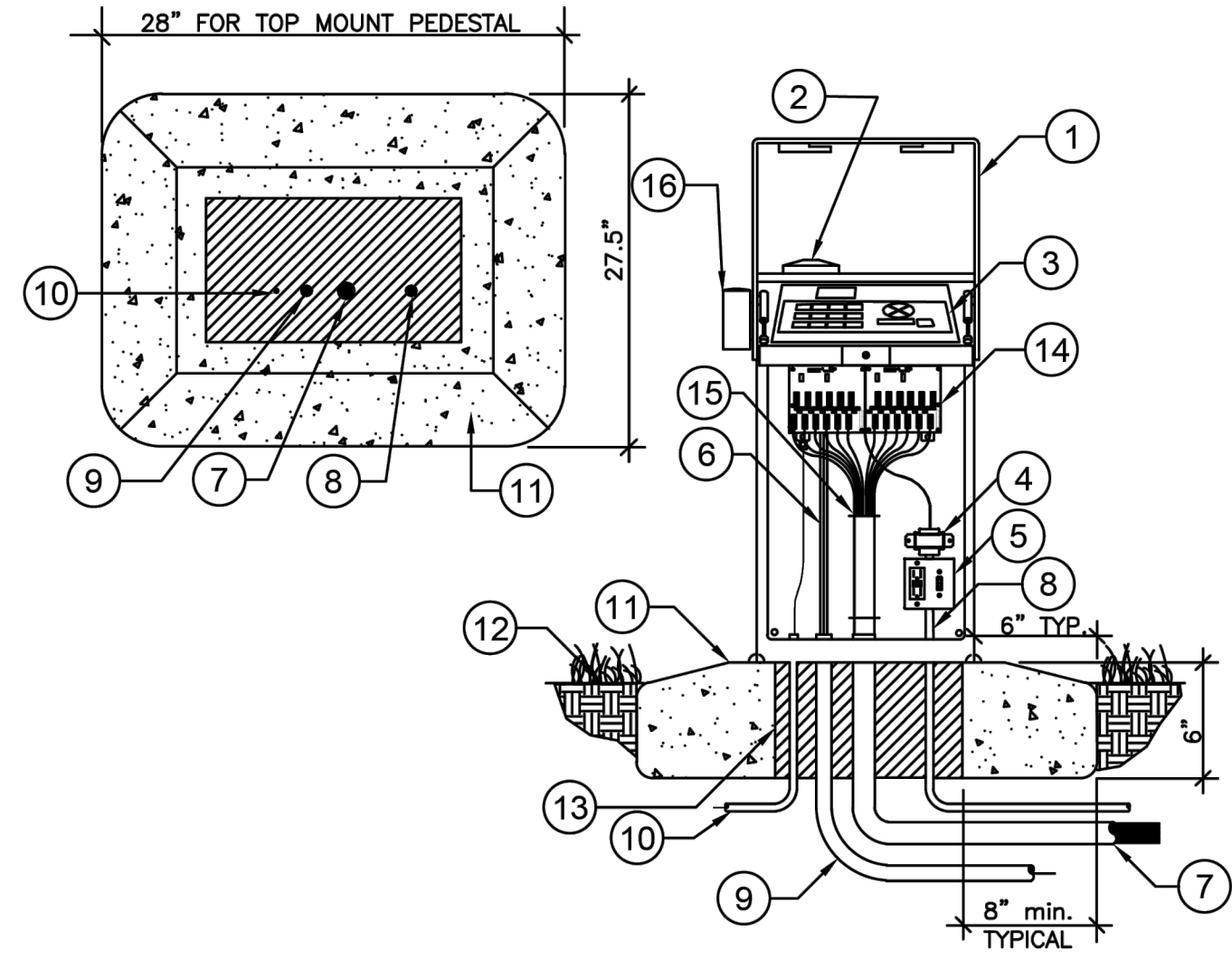


KHA PROJECT	195737352
DATE	7/1/2025
SCALE	AS SHOWN
DESIGNED BY	FH
DRAWN BY	AD
CHECKED BY	JB

IRRIGATION DETAILS

ALBUQUERQUE, NM
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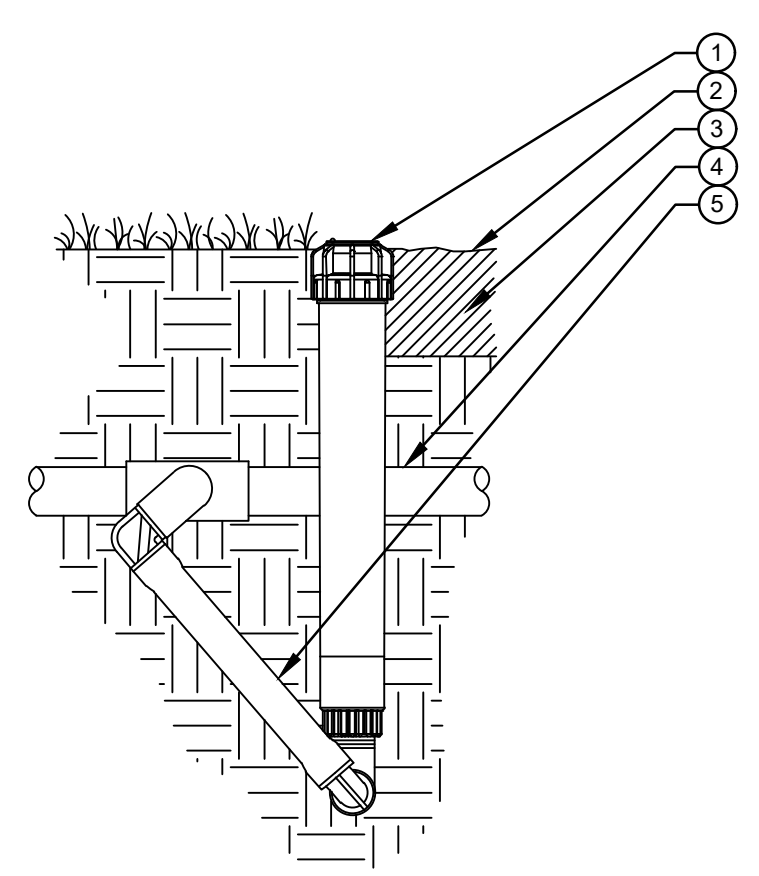
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NOTE:
 MINIMUM CONCRETE BASE REQUIREMENTS. CONTRACTOR SHALL VERIFY NUMBER AND SIZE OF CONDUITS REQUIRED FOR EACH ENCLOSURE INSTALLATION. USE ENCLOSURE MANUFACTURER'S TEMPLATE FOR PROPER LAG BOLT PLACEMENT. PROVIDE A MINIMUM 2" OF CONCRETE FROM LAG BOLT TO OPENING IN CONCRETE BASE FOR CONCRETE BASE FOR CONDUIT.

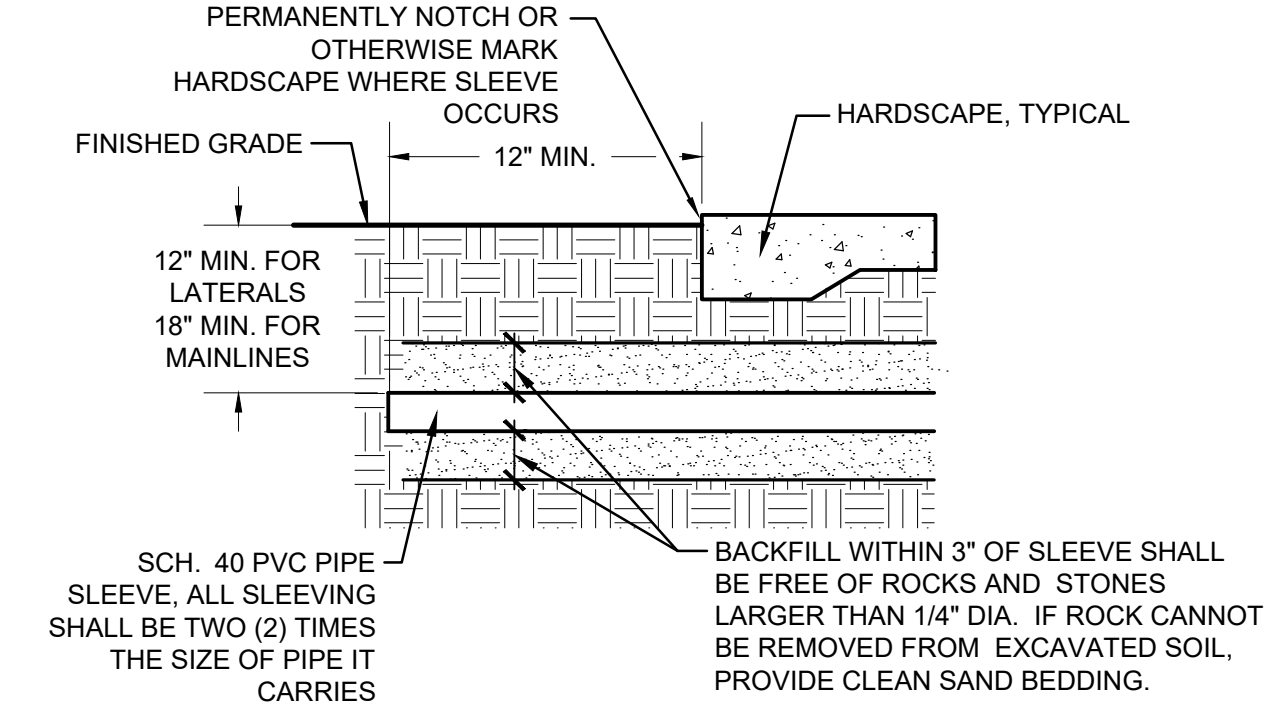
- ① STAINLESS STEEL AUTOMATIC CONTROLLER ENCLOSURE ASSEMBLY. SEE IRRIGATION LEGEND FOR MAKE AND MODEL.
- ② LOW PROFILE ANTENNA.
- ③ WEATHERTRAK ET PRO3 SERIES CONTROLLER. SEE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- ④ CONTROLLER TRANSFORMER.
- ⑤ GFI ON/OFF POWER SWITCH RECEPTACLE. (OPTIONAL)
- ⑥ FLOW SENSOR CABLE AND MASTER VALVE WIRES PER SPECIFICATIONS.
- ⑦ 3" PVC SWEEP ELL AND CONDUIT FOR CONTROL WIRES.
- ⑧ 1" PVC SWEEP ELL AND CONDUIT FOR 120 VAC FROM METERED POWER SUPPLY.
- ⑨ 2" PVC SWEEP ELL AND CONDUIT FOR FLOW SENSOR CABLE AND MASTER VALVE WIRES.
- ⑩ 1" PVC SWEEP ELL AND CONDUIT FOR GROUNDING WIRE. WIRE SHALL BE AS STRAIGHT AS POSSIBLE. GROUND CONTROLLER PER ASIC GUIDELINES.
- ⑪ POURED CONCRETE BASE, SLOPE TO DRAIN.
- ⑫ FINISH GRADE. 2" BELOW TOP OF CONCRETE BASE.
- ⑬ FILL VOIDS WITH CONCRETE SLURRY MIX.
- ⑭ UNIVERSAL RADIO REMOTE INTERFACE. (TYPICAL)
- ⑮ NEATLY BUNDLE WIRES AND SECURE WITH WIRE TIES. (TYPICAL)
- ⑯ RAIN SENSOR WITHIN VIT RAIN SENSOR ENCLOSURE (PT# RGVRS5) PER SPEC.

M HYDROPOINT IRRIGATION CONTROLLER WITH WEATHER SENSOR N.T.S.



- LEGEND:
- ① ECO INDICATOR
 - ② FINISHED GRADE
 - ③ ADJACENT MULCH
 - ④ PVC LATERAL PIPE
 - ⑤ SWING JOINT

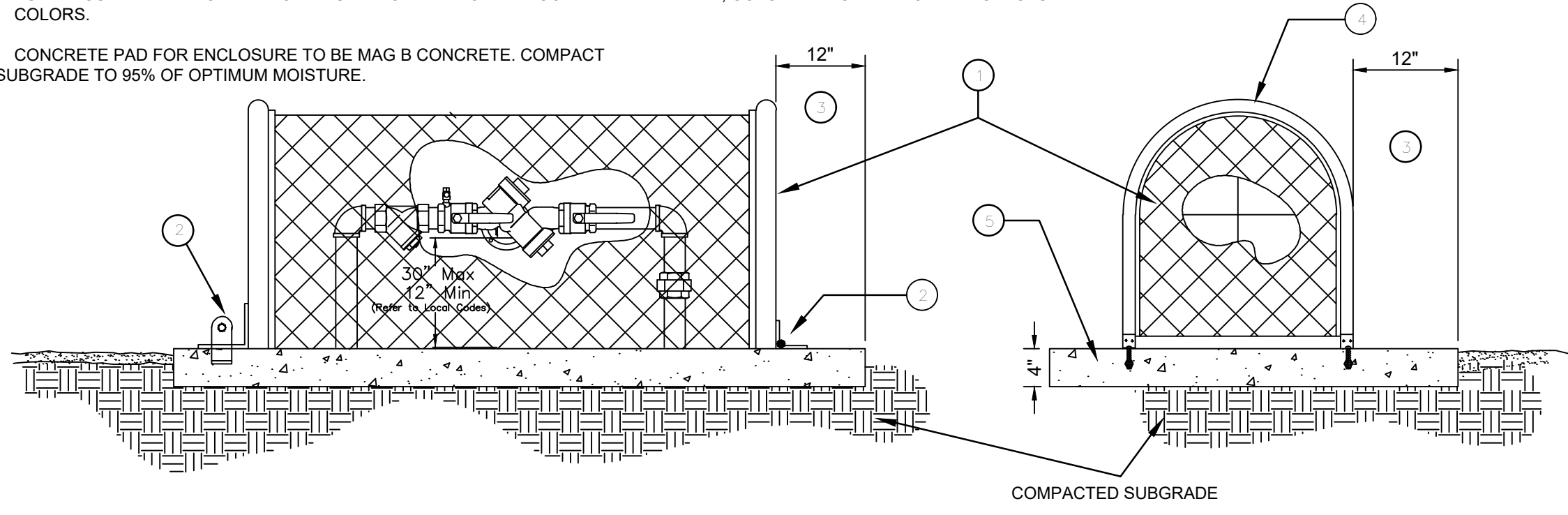
N ECO-INDICATOR ON SWING JOINT N.T.S.



O PIPE SLEEVE N.T.S.

BACKFLOW PREVENTION DEVICE NOTES

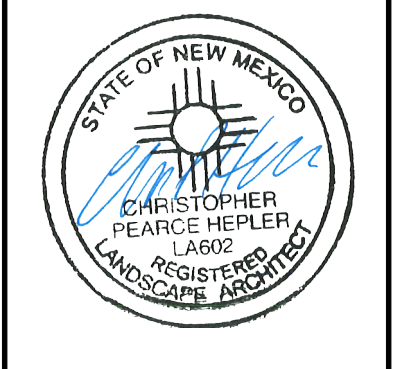
1. PROVIDE PRE-MANUFACTURED ENCLOSURE SIZED TO FIT RPBP UNIT SPECIFIED. ACCEPTABLE MANUFACTURERS ARE LEMEUR "BF" SERIES, BPOI "GUARDSHACK" UNITS, OR APPROVED EQUAL.
2. MODIFY PRE-MANUFACTURED UNITS FASTENING SYSTEMS WITH HEAVY DUTY HINGES AND ANCHORING BOLT SYSTEM. SUBMIT SHOP DRAWINGS FOR APPROVAL.
3. PAD TO BE 1" MIN. LARGER THAN ENCLOSURE.
4. SUBMIT CUT SHEETS FOR APPROVAL. UNIT TO HAVE POWDER COATED PAINT FINISH, COLOR SELECTED FROM MANUFACTURER'S STD. COLORS.
5. CONCRETE PAD FOR ENCLOSURE TO BE MAG B CONCRETE. COMPACT SUBGRADE TO 95% OF OPTIMUM MOISTURE.



P BACKFLOW PREVENTION DEVICE N.T.S.

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KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
195737352	7/1/2025	AS SHOWN	FH	AD	JB

IRRIGATION DETAILS

ALBUQUERQUE, NM
 PREPARED FOR
TARGET CORPORATION
CITY OF ALBUQUERQUE NEW MEXICO

SHEET NUMBER
L207



