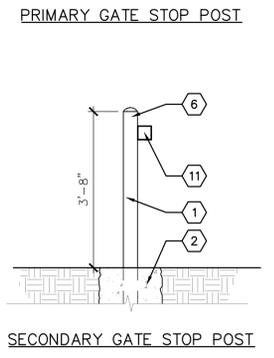
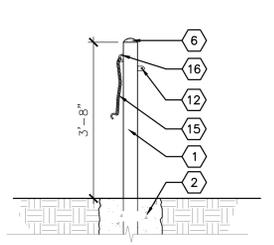


**5** DOUBLE PIPE GATE WITH STOP POSTS  
1/2" = 1'-0"



PRIMARY GATE STOP POST

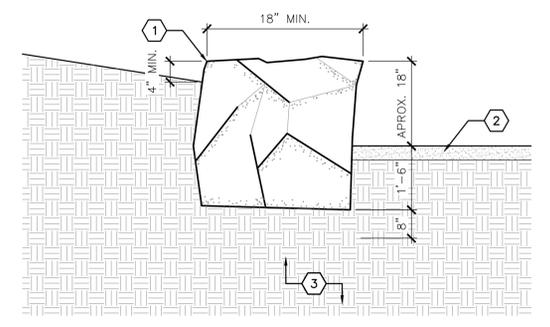
SECONDARY GATE STOP POST

**KEYED NOTES**

- 4" O.D. STEEL PIPE, MIN. 10.79 LBS./FT., CONCRETE FILLED.
- 3000 PSI CONCRETE FOOTING. STEEL PIPE TO BE SET IN CENTER OF FOOTING.
- 2" O.D. STEEL PIPE, MIN. 3.65 LBS./FT.
- SECONDARY GATE.
- CONCRETE ROUNDED AT TOP OF POST.
- 5" O.D. STEEL PIPE, MIN. 14.62 LBS./FT.
- 1/2" X 1/2" STEEL BAR FOR HINGE SUPPORT. POSITION BAR TO ALLOW UNRESTRICTED GATE ROTATION THROUGH ENTIRE SWING OF GATE OPENING.
- 1-1/2" X 1/2" SLOT FOR STEEL PLATE.
- WELD 4-1/4" X 4-1/4" X 1/4" STEEL PLATE TO END OF 4" X 4" SQUARE STEEL TUBE.
- KNOX BOX SHALL BE MOUNTED TO GATE WITH TAMPERPROOF BOLTS PER THE MANUFACTURER'S SPECIFICATIONS.
- WELD 4" X 4" X 8" LENGTH X 1/4" THICK STEEL TUBE TO PRIMARY GATE - SEE ENLARGEMENT DETAILS 4, 5 & 6.
- WELD 1-1/4" WIDTH X 2" LENGTH X 3/16" THICK STEEL PLATE TO THE SECONDARY GATE - SEE ENLARGEMENT DETAIL 5 & 6. STEEL PLATE SHALL HAVE 1/2" DIAMETER HOLE FOR PADLOCK.
- SQUARE STEEL TUBE SHALL REMAIN OPEN AT ONE END TO INSERT PADLOCK. PADLOCK BY OWNER.
- PRIMARY GATE.
- INSERT 2'-0" LENGTH OF 5/16" ZINC COATED STEEL CHAIN THROUGH STEEL LOOP. WELD 5/16" ZINC COATED 'S' HOOK TO END OF CHAIN.
- WELD 2-1/2" STEEL LOOP TO POST. STEEL SHALL BE 3/8" DIAMETER.

**GENERAL NOTES**

- WELD ALL 2" PIPE AND FIXTURE CONNECTIONS WITH 3/8" FILLET ALL AROUND.
- WELD AND GRIND ALL JOINTS SMOOTH
- FOR PIPE GATES THAT ARE BEING RELOCATED: ALL WELDS SHALL BE CHECKED AND REPAIRS MADE AS REQUIRED. ENTIRE GATE TO BE CLEANED THOROUGHLY WITH A WIRE BRUSH AND OR SAND BLASTED AND REPAINTED PER GENERAL NOTE C.
- ALL EXPOSED METAL SHALL BE PAINTED WITH TWO (2) COATS RED OXIDE PRIMER, AND TWO (2) COATS EXTERIOR LATEX PAINT. COLOR: TBD.
- WIDTH OF PIPE GATE SHALL BE ADJUSTED AS NECESSARY TO ACCOMMODATE SITE CONDITIONS - SEE PLAN.



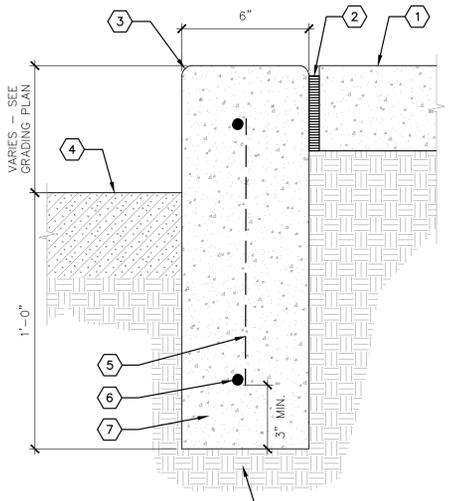
**KEYED NOTES**

- 18" X 18" X 36" MIN. BOULDER
- STABILIZED CRUSHER FINES - SEE PLAN.
- SUBGRADE COMPACTED TO 95%

**GENERAL NOTES**

- BOULDER SHALL BE GRANITE OR SANDSTONE BOULDERS AS SALVAGED FROM SITE.
- BOULDERS SHALL BE PLACED WITH A FLAT SIDE FACING UP AND LEVEL WITH GRADE.
- GROUP LIKE BOULDERS TOGETHER.

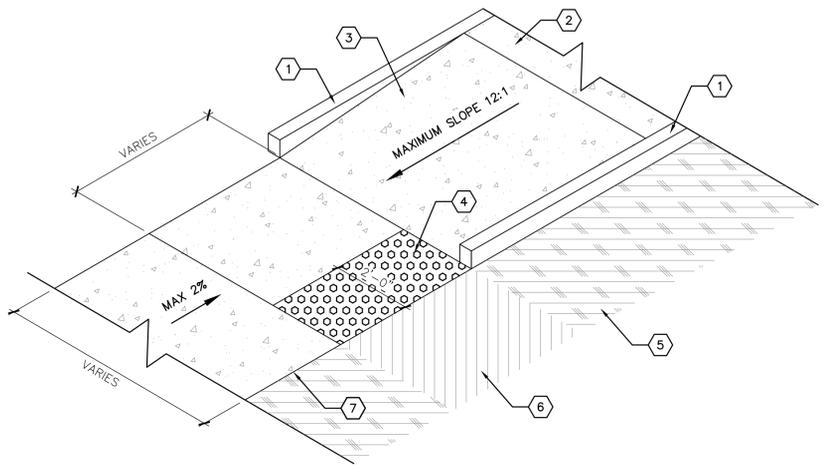
**4** BOULDER SEATING AND RETAINING WALL  
1/2" = 1'-0"



**KEYED NOTES**

- ADJACENT CONCRETE SIDEWALK
- 1/2" FELT EXPANSION JOINT, TYP. - RECESS 1/2".
- 1/2" OR 1" RADIUS TOOLED EDGE. WHERE CONCRETE WALK IS ADJACENT TO CURB RADIUS SHALL BE 1/2". ALL OTHER LOCATIONS SHALL BE 1" RADIUS.
- LANDSCAPE AREA - SEE PLAN.
- #4 REBAR AT 48" O.C.
- #4 REBAR, HORIZ. AND CONT. AT 12" O.C.
- 3000 PSI CONCRETE
- SUBGRADE COMPACTED TO 95%

**3** 6" WIDTH CONCRETE HEADER CURB  
3" = 1'-0"



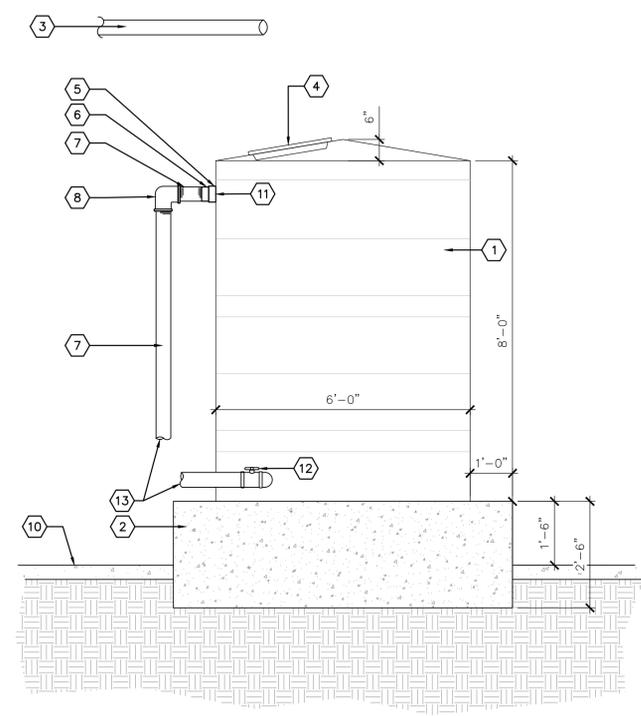
**KEYED NOTES**

- 6" HEADER CURB PER DETAIL 3/LS503
- LIGHT-DUTY CONCRETE PAVEMENT PER COA STD. DWG 2430.
- LIGHT-DUTY CONCRETE ACCESSIBLE RAMP W/NON-SLIP BROOM FINISH
- CAST-IN-PLACE TRUNCATED DOME DETECTABLE WARNING SURFACE TILES - SEE GENERAL NOTE A.
- PAVEMENT
- ACCESSIBLE PARKING AISLE
- FLUSH CONDITION

**GENERAL NOTES**

- DETECTABLE WARNING SURFACE TILES SHALL BE ARMOR-TILE VITRIFIED POLYMER COMPOSITE (VPC) CAST-IN-PLACE, OR EQUAL. COLOR SHALL BE YELLOW CONFORMING TO FEDERAL COLOR NO. 33538.

**2** 90-DEGREE ADA DIRECTIONAL RAMP  
NOT TO SCALE



**KEYED NOTES**

- GALVANIZED STEEL TANK - SEE PLAN.
- 3000 PSI CONCRETE PAD
- SHADE STRUCTURE GUTTER CONNECTION - SEE PLAN.
- 16" RAIN HARVESTING INLET COLLECTION SCREEN, AS AVAILABLE FROM RAIN HARVEST SYSTEMS (800-654-9283), OR APPROVED EQUAL
- 4" PVC SLIP OVERFLOW FITTING AT CISTERN
- 4" SCH. 40 PVC SXT FEMALE ADAPTER
- 4" GALVANIZED NIPPLE, LENGTH AS REQUIRED
- 4" GALVANIZED ELL
- 4" SCH. 40 PVC MALE ADAPTER
- CONCRETE PAVEMENT PER PLANS
- OVERFLOW
- TANK OUTLET AND BALL VALVE
- TO SEAT WALL CHANNEL - SEE PLAN.

**1** CISTERN TANK ELEVATION  
1/2" = 1'-0"

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plandcollab.com 505 268 2266

CITY OF ALBUQUERQUE  
STRATEGIC PLANNING AND DESIGN  
PARKS AND RECREATION DEPARTMENT

RIO GRANDE TREE NURSERY - DFT SUBMITTAL  
CONSTRUCTION DETAILS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	
694784	G12, G13	LS503	

DESIGNED BY: GM/KW/GRF DATE: 2/4/2025  
DRAWN BY: KW/GRF/NB/LG DATE: 2/4/2025  
CHECKED BY: GM/KW DATE: 2/4/2025

