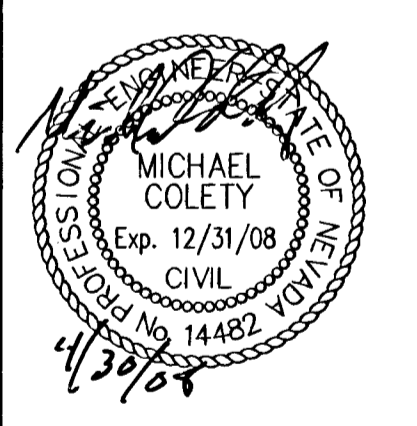




REVISIONS

CONSULTANT
Kimley-Horn and Associates, Inc.
 Engineering, Planning, and Environmental Consultants
 2000 E. Flamingo Road, Suite 210, Las Vegas, NV 89119
 Ph: (702) 734-6666
 Fax: (702) 734-6666

DURANGO/RILEY PARK PHASE I
 NE CORNER OF EL CAPITAN AND BRIGHT ANGEL
 CLARK COUNTY STANDARDS AND
 REMOVABLE BOLLARD DETAILS

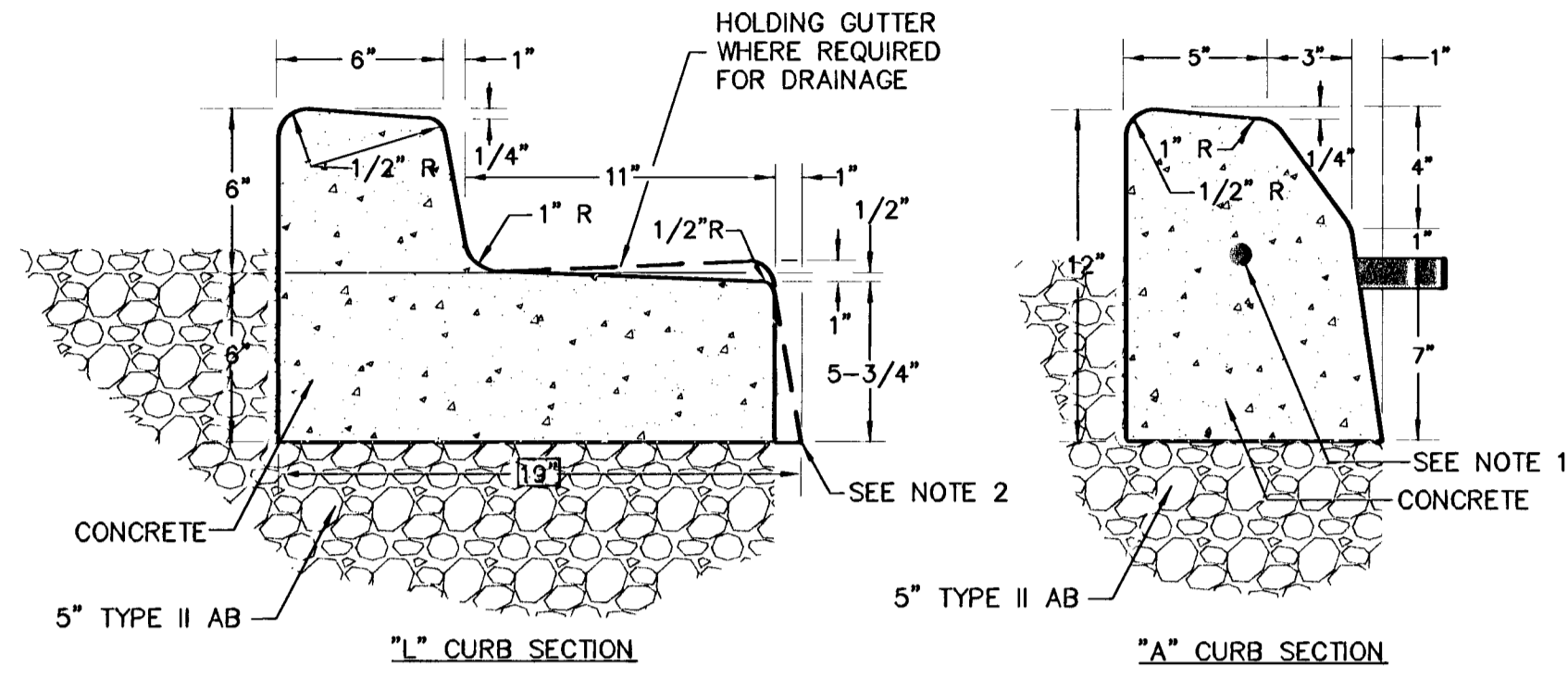


OWNER: CITY OF LAS VEGAS
 DEPARTMENT OF PUBLIC WORKS
 ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE
 LAS VEGAS, NEVADA 89101
 PHONE: (702) 229-6535
 FAX: (702) 384-4846
 TDD: (702) 386-9109

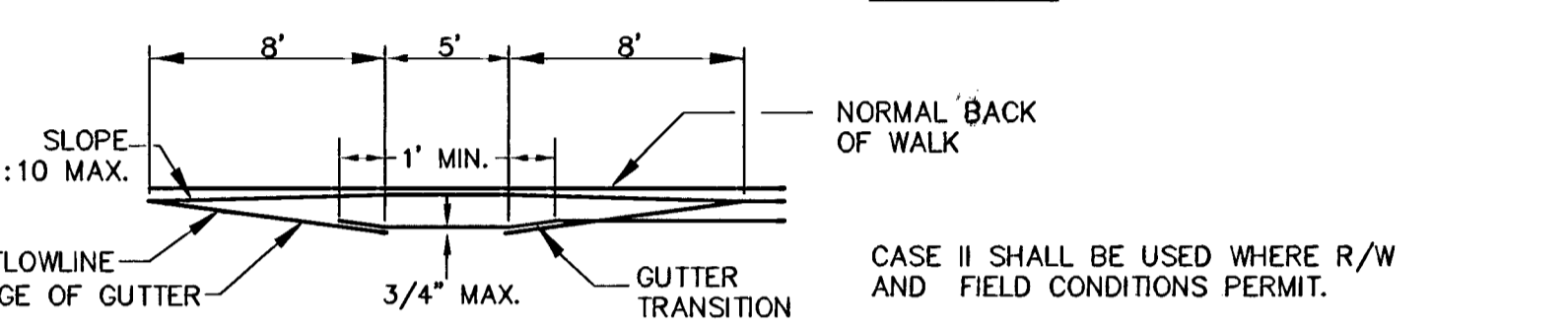
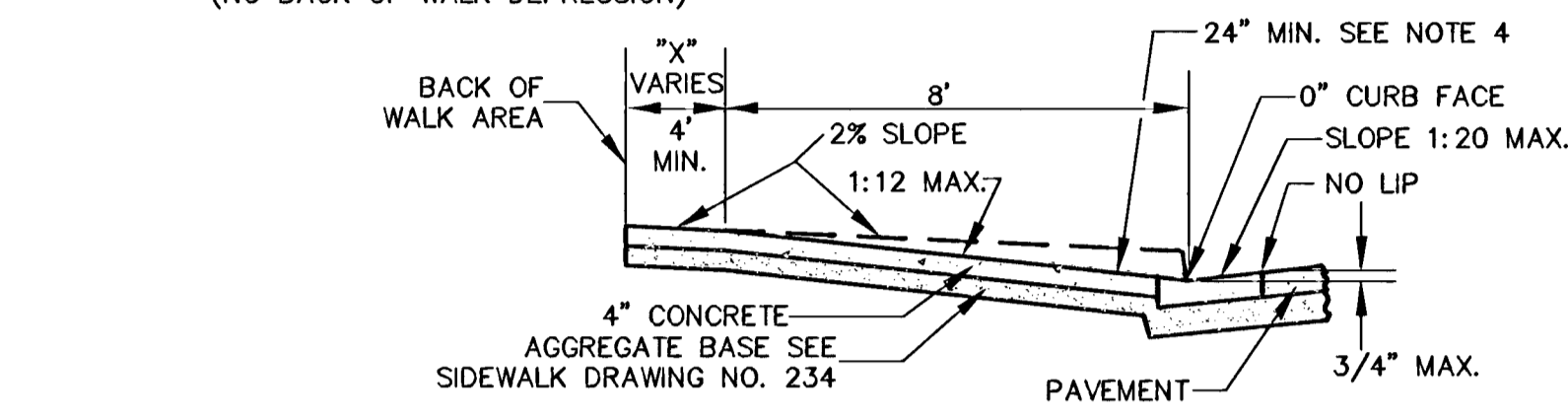
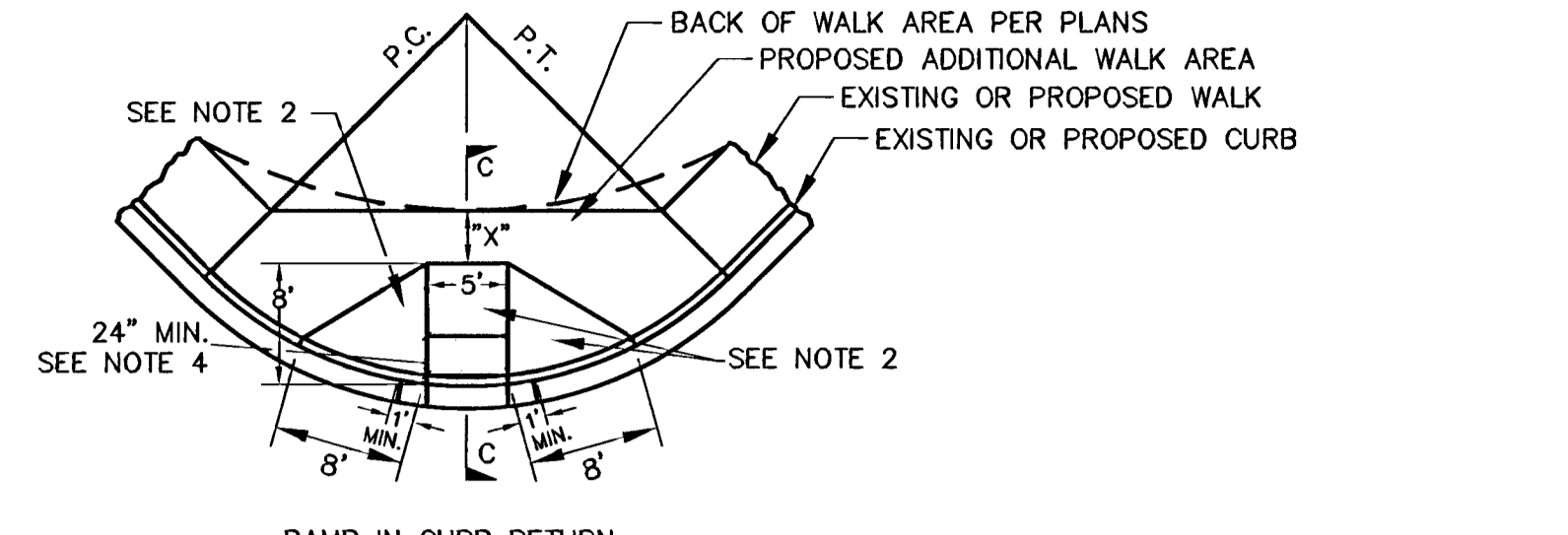
DRAWN	JCL/KJS
FILE	
DATE	APRIL 2008
SCALE	NONE
SID NO	
CLV DWS NO	071534116
	650100
	H# 26759
SHEET NO	

DT-10



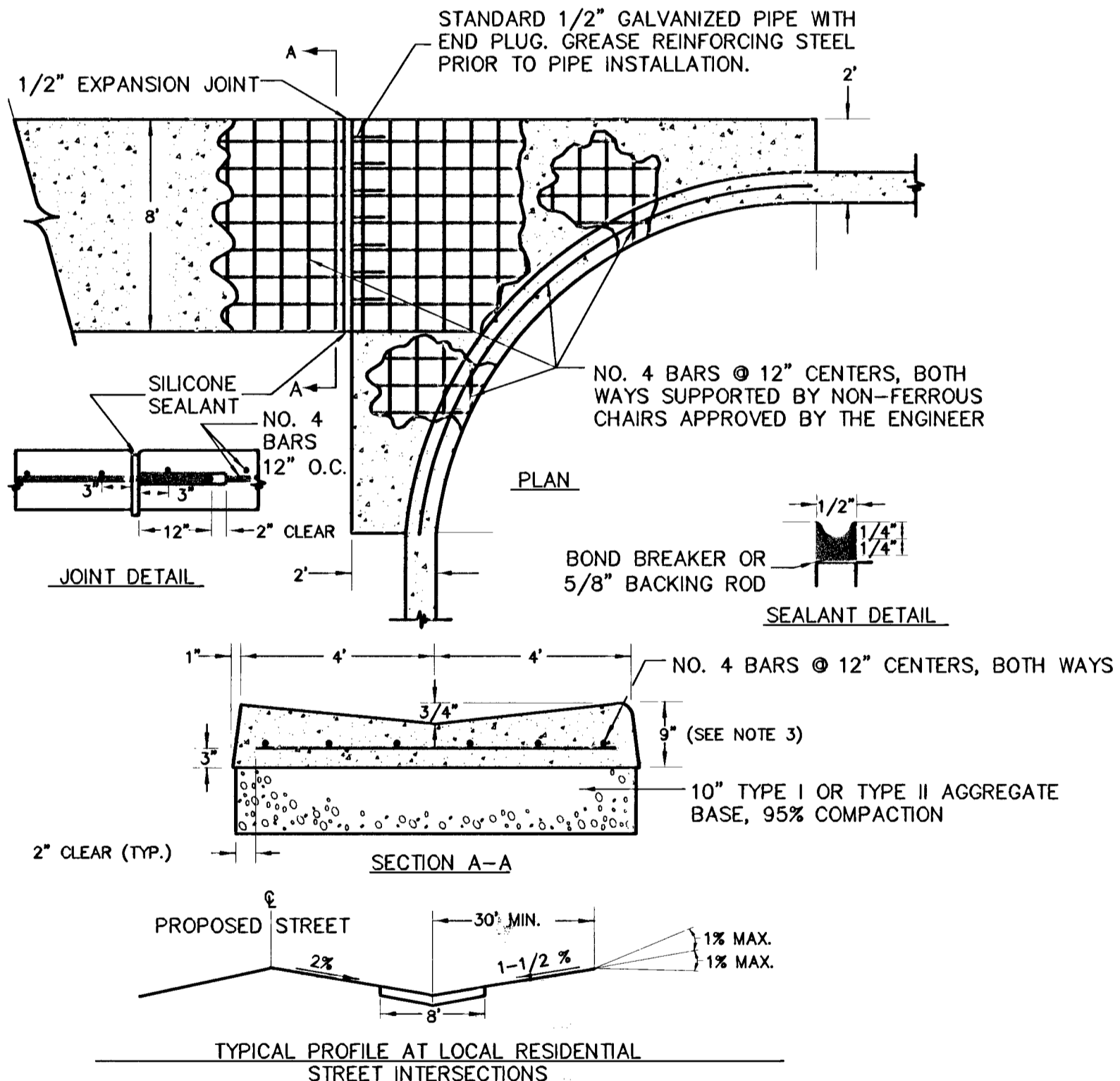
- NOTES:**
1. CONTINUOUS NO. 4 BAR REQUIRED IN NOSE OF MEDIAN ONLY.
 2. 1" BATTER ON GUTTER FACE OPTIONAL.

1 "L" AND "A" TYPE CURB DETAIL N.T.S.



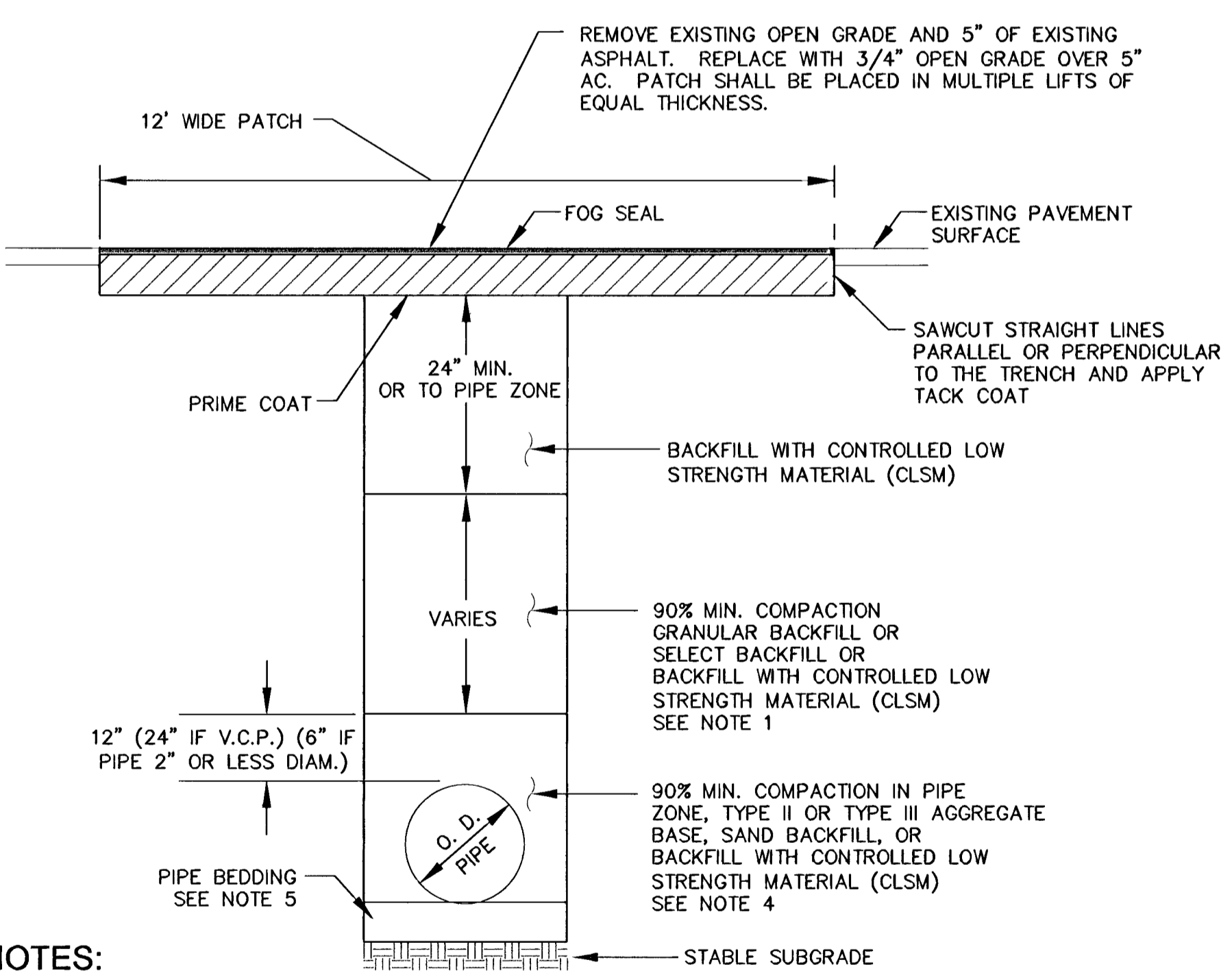
- NOTES:**
1. SIDEWALK RAMP WITHIN CURB RETURN SHALL BE LOCATED AT THE MIDPOINT OF CURB RETURN UNLESS OTHERWISE APPROVED.
 2. RAMPS SHALL BE CONSTRUCTED WITH A ROUGH BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
 3. WHEN CONSTRUCTING RAMP WHERE CURB & GUTTER EXISTS, COMPLETELY REMOVE INTERFERING PORTIONS OF EXISTING CURB & GUTTER.
 4. DETECTABLE WARNING CONSISTING OF RAISED TRUNCATED DOMES AND CONTRASTING VISUALLY WITH ADJOINING SURFACES SHALL BE PLACED ON BOTTOM PORTION OF RAMP EXTENDING THE FULL WIDTH OF THE RAMP AND TO A MINIMUM PAVER BLOCKS PERMITTED DEPTH OF 24 INCHES.

2 SIDEWALK RAMP DETAIL N.T.S.



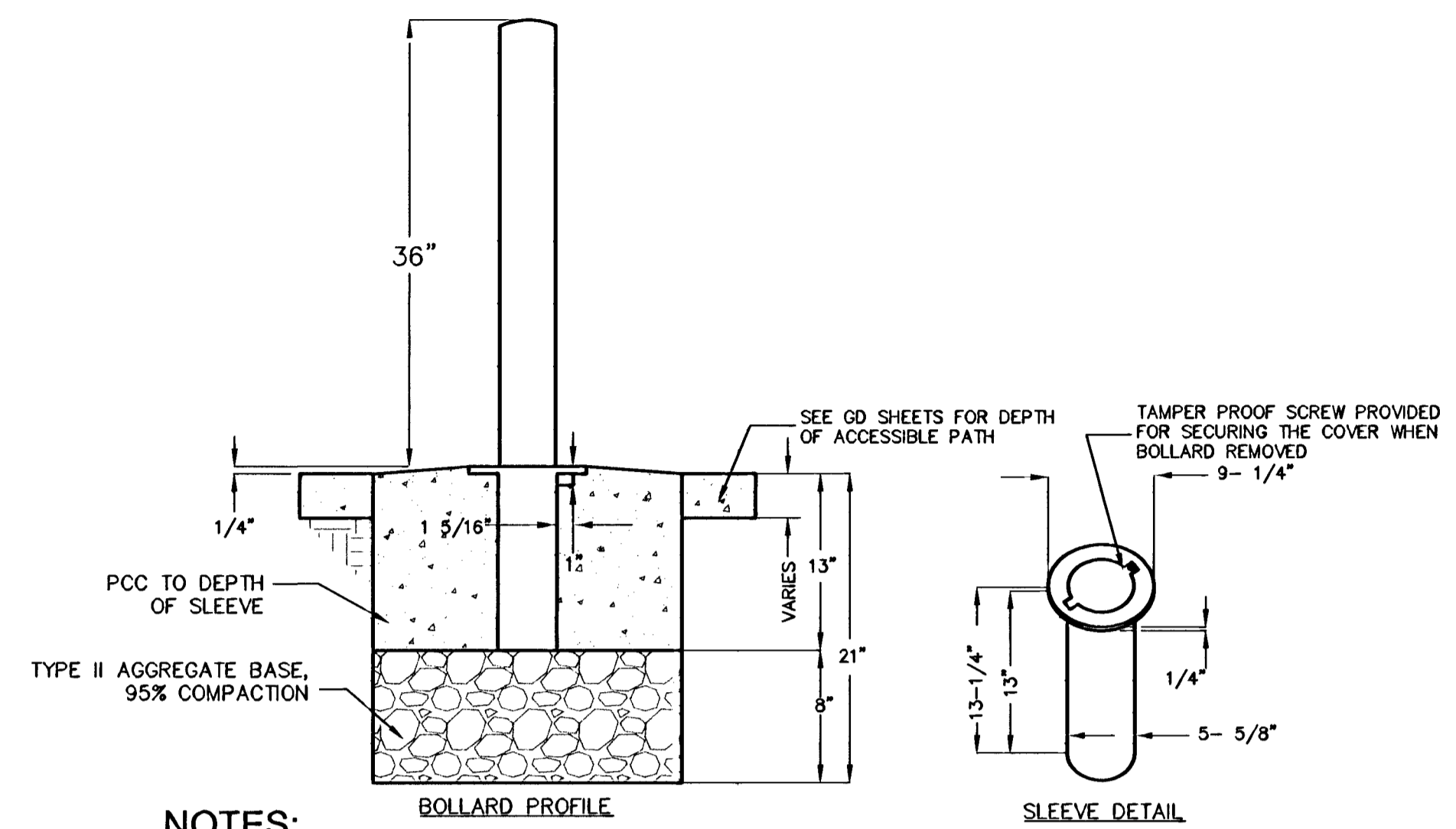
- NOTES:**
1. FINISHED ASPHALT CONCRETE SURFACE TO BE FLUSH WITH CROSS GUTTER LIP.
 2. CONSTRUCTION OF CROSS GUTTER IS NOT ALLOWED ACROSS MAJOR COLLECTOR OR ARTERIAL STREETS.
 3. ADJACENT SPANDREL SHALL BE 9" THICK P.C.C.

4 8' CROSS GUTTER DETAIL N.T.S.



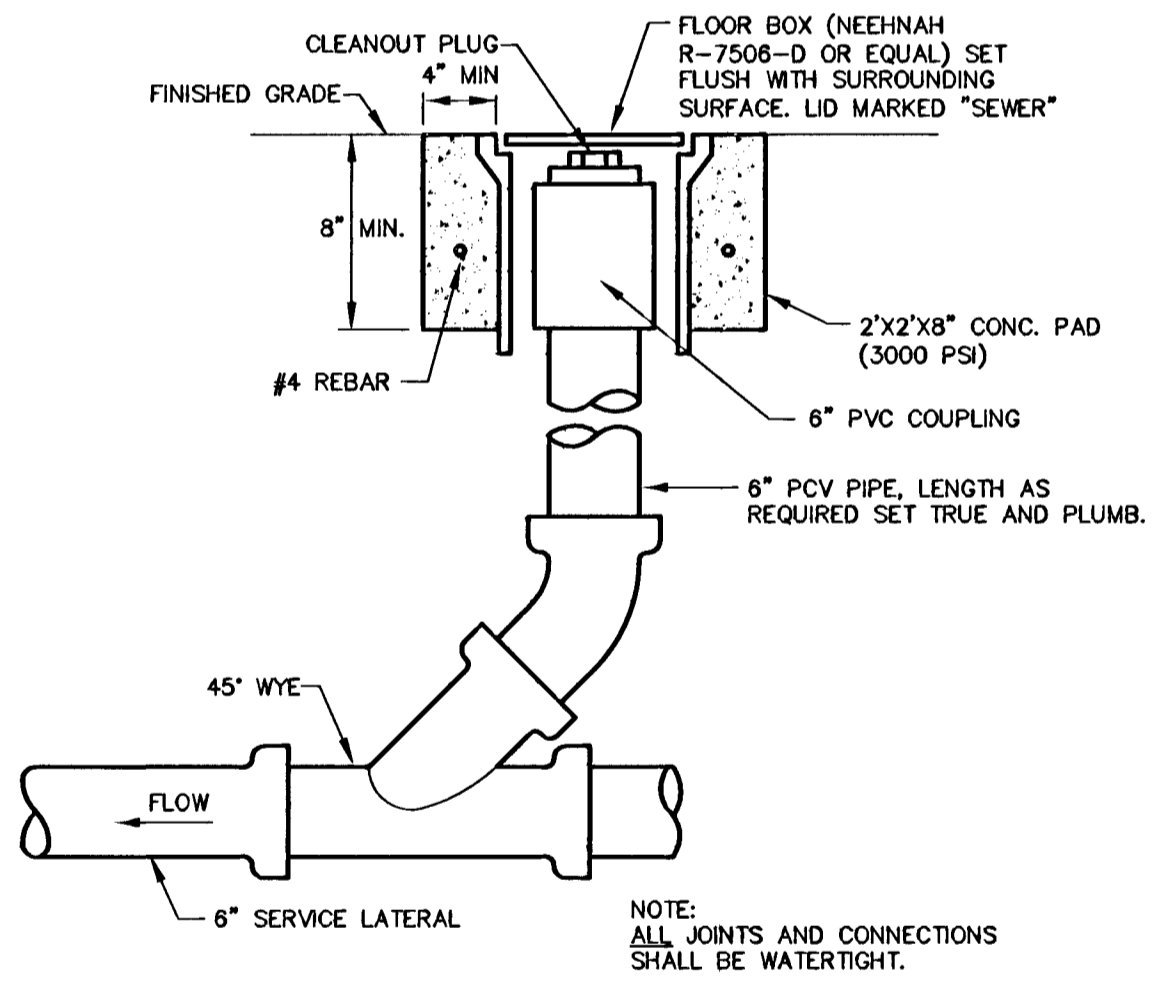
- NOTES:**
1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
 2. IF SAWCUT IS WITHIN THREE FEET OF EDGE OF EXISTING ASPHALT CONCRETE SURFACE OR OTHER PATCH, REMOVE EXISTING PAVEMENT TO THAT EDGE AND REPLACE ENTIRE SECTION.
 3. TRANSVERSE PATCHES SHALL BE WIDTH (4 FEET MINIMUM) SUFFICIENT TO ACCOMMODATE MECHANICAL PLACEMENT, ROLLING AND COMPACTION PER UNIFORM STANDARD SPECIFICATION SECTION 401.03.11.
 4. TRENCH WIDTH, BEDDING, SUBGRADE AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE AGENCY REQUIREMENTS.
 5. CRUSHED ROCK MAY BE USED FOR PIPE BEDDING ONLY IF MATERIAL USE HAS BEEN SPECIFICALLY APPROVED BY THE GOVERNING AGENCY. SEE STANDARD DRAWING NO. 505 FOR PIPE BEDDING METHODS.
 6. LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE TO BE OF THE SAME MATERIAL.

3 PVC WATERLINE/SEWER LATERAL DETAIL N.T.S.



- NOTES:**
1. FOOTING INTERNAL DIMENSIONS ARE 21" x 21".
 2. DRILL HOLE IN BOTTOM OF SLEEVE TO PROVIDE DRAINAGE.
 3. EMBEDMENT SLEEVE MUST BE CLEAR OF STONE AND CONCRETE TO ALLOW THE BOLLARD TO FULLY SEAT PROPERLY.
 4. REMOVABLE BOLLARD SHALL BE CAL PIPE PADLOCK/ REMOVABLE BOLLARD IBR-4000 OR APPROVED EQUAL BY CITY OF LAS VEGAS.
 5. SMOOTH TOP OF SLEEVE TO EXISTING GRADE WITH PCC OVER 6" MIN.
 6. FLIP-TOP LID OUTLINE NOT SHOWN.

5 4" DIAMETER REMOVABLE BOLLARD DETAIL N.T.S.



6 6" SEWER CLEANOUT DETAIL N.T.S.



SAFETY ALERT
 Call Before You Overhead
 1-702-227-2929



Apr 28, 2008 - 7:19pm - USER marcus.bush
 K:\roadway\062256\015 DurangoRiley Park\CADD\25601501.dwg

111503