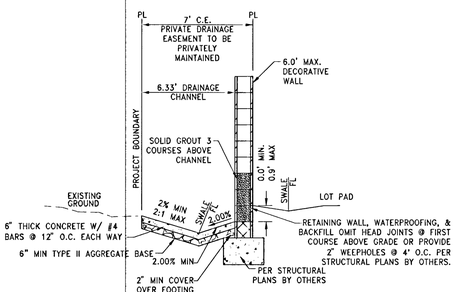
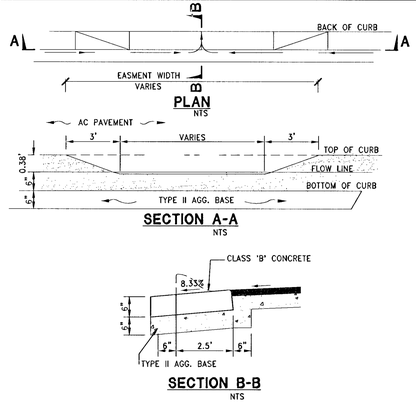
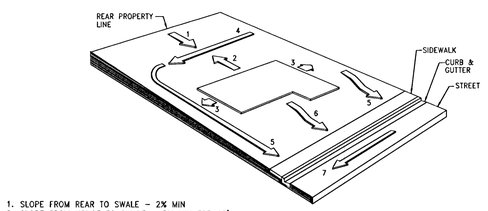



**REAR/SIDE YARD TO EXISTING RETAINING** — SCALE: NTS — 41 / D-3

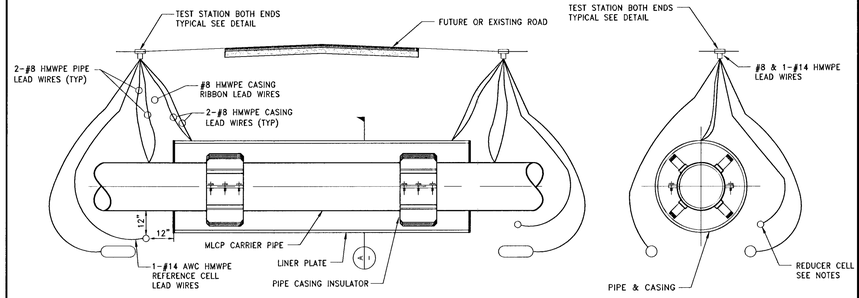



**DEPRESSED CURB** — SCALE: NTS — 42 / D-3



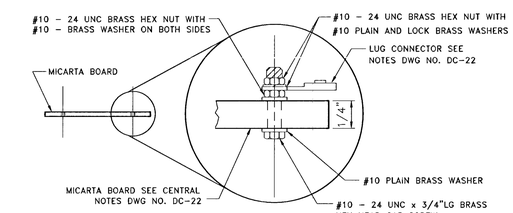

1. SLOPE FROM REAR TO SWALE – 2% MIN
2. SLOPE FROM HOUSE TO SWALE – 5% MIN FOR 10'
3. SLOPE FROM HOUSE TO SIDE SWALE – 5% MIN
4. SLOPE OF REAR SWALE – 1% MIN (5' MIN FROM REAR OF HOUSE)
5. SLOPE OF SIDE SWALE – 1% MIN
6. SLOPE FROM HOUSE TO SIDEWALK – 5% MIN FOR 10'
7. SLOPE OF STREET – PER GRADING PLAN

**TYPICAL LOT DRAINAGE DETAIL** — SCALE: NTS — 43 / D-3

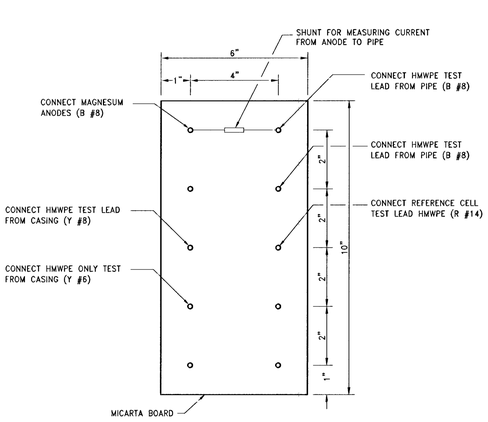



SECTION A

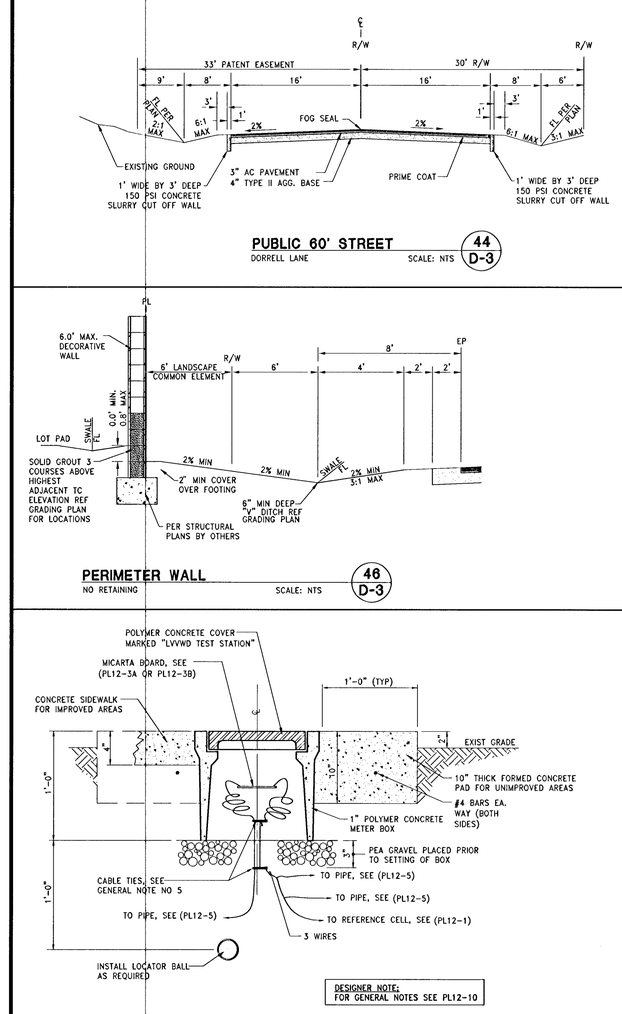
**TYPICAL TYPE 3 TEST STATION INSTALLATION AT CASINGS** — NOT TO SCALE — 1 / D-3



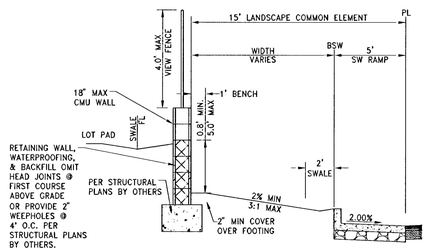

**TYPICAL LUG AND STUD CONNECTION** — NOT TO SCALE




**ROBINSON LATERAL PIPE CASING DETAIL**
**CATHODIC PROTECTION TYPE C - ROBINSON PIPE CASING TEST STATION** — NOT TO SCALE — 49 / D-3



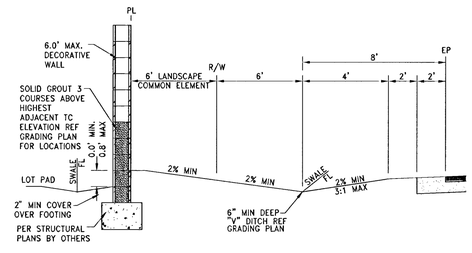

**PUBLIC 60' STREET** — DORRELL LANE — SCALE: NTS — 44 / D-3




**PERIMETER WALL** — RETAINING — SCALE: NTS — 45 / D-3




**PERIMETER WALL** — NO RETAINING — SCALE: NTS — 46 / D-3

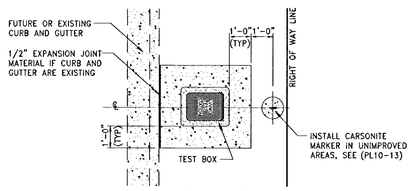



**PERIMETER WALL** — NO RETAINING — SCALE: NTS — 47 / D-3

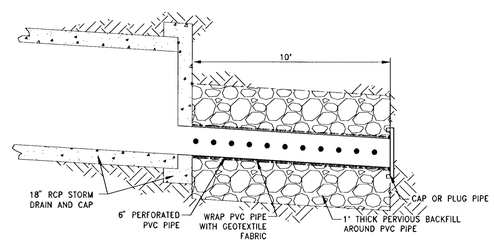



DESIGNER NOTE:
FOR GENERAL NOTES SEE PL12-10

**TEST BOX DETAIL - TYPICAL** — NOT TO SCALE — PL12-2 090808 — 48 / D-3




PLAN VIEW




**STORM DRAIN BLEEDER PIPE** — SCALE: NTS — 50 / D-3

**APPROVED FOR CONSTRUCTION**

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 9/16/14 PROJECT# 121614

## GEOTECHNICAL NOTE:

A GEOLOGIST OR GEOTECHNICAL ENGINEER SHALL BE ON SITE DURING EXCAVATION AND MASS GRADING OPERATIONS TO EXAMINE THE SOIL CHARACTERISTICS AND GEOLOGICAL CONDITIONS ENCOUNTERED, AND TO PROVIDE PROFESSIONAL ADVICE TO THE OWNER IN THE EVENT THAT UNANTICIPATED SOIL PROBLEMS ARISE AND/OR SUBSURFACE SITE CONDITIONS ARE FOUND TO BE SIGNIFICANTLY DIFFERENT THAN DEFINED BY PRE EXPLORATION AND TESTING.

## WALL & SCARP NOTE:

1. CONTRACTOR TO CONSTRUCT ALL SCARP AND MAINTAIN PROPER COVER OVER AND FROM ALL WALL FOOTINGS PER THE SOILS REPORT REFERRED TO ON THE GRADING PLANS, REPORT ANY PROBLEMS IN DOING SO TO THE DEVELOPER AND THE ENGINEER IMMEDIATELY.
2. SCARP LESS THAN 1' VERTICAL NOT SHOWN ON PLANS.
3. ALL WALL ALIGNMENTS SHALL FOLLOW SIGHT VISIBILITY ZONE ALIGNMENT AND REMAIN OUTSIDE OF SIGHT VISIBILITY ZONE.

| REV | DESCRIPTION | BY | APPD | DATE |
|---|---|---|---|---|
| | | | | |

DATE: September 10, 2014
HORIZ. SCALE: N/A
VERT. SCALE: N/A
DRAWN BY: CR
DESIGNED BY: SC
CHECKED BY: JHL
APPROVED BY: JHL
PROJECT #: 3110.0007


TOLL NORTH LV, LLC
1140 TOWN CENTER DRIVE SUITE 250
LAS VEGAS, NV 89144
PHONE: 702-243-9800 FAX: 702-243-9810

RCI Engineering
4325 Dean Martin Drive Suite 300 Las Vegas, Nevada 89103
PH#702.453.0800 FAX#702.453.0801


IMPROVEMENT PLANS FOR
SAVONA UNIT 3
A SINGLE FAMILY RESIDENTIAL SUBDIVISION
GRADING DETAILS (SHEET 3 OF 4)
NEVADA
CITY OF LAS VEGAS

JOHN I. LAND
Exp. 12/31/2015
CIVIL
No. 16441
STATE OF NEVADA
PROFESSIONAL ENGINEER
9/10/2014

DRAWING
D-3
SHT 9 OF 35

DWG # 1074503
CLV PROJECT # 052625

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