DISCLAIMER NOTE:

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

Avoid overhead power line contact. It's costly.
Call before you Overhead
1-702-227-2929
Nevada Power Environment and Safety Services Department

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
1-800-227-2600
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

CONSTRUCTION NOTES

1. CONSTRUCT AC PAVEMENT PER DETAILS ON SHEET D-1
2. CONSTRUCT 30" ROLL CURB PER CCAUSD # 217.S1
3. CONSTRUCT 8' CROSS GUTTER PER CCAUSD # 228
4. CONSTRUCT 5' SIDEWALK PER CCAUSD # 234 5-INCH THICK WHEN CONTIGUOUS TO ROLL CURB
5. CONSTRUCT 8' SIDEWALK PER CCAUSD # 234
6. CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER CCAUSD # 235 (CASE 1)
7. CONSTRUCT 24" "L" TYPE CURB AND GUTTER PER CCAUSD # 216
8. CONSTRUCT 10' CURB TRANSITION FROM "L" CURB TO ROLL CURB
9. CONSTRUCT 5' WIDE PEDESTRIAN ACCESS GATE

BENCHMARK

CITY OF LAS VEGAS BENCHMARK No. 7LV09 34C4

A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHEAST CORNER OF PASEO MIST DR AMD DESERT MOON DR.

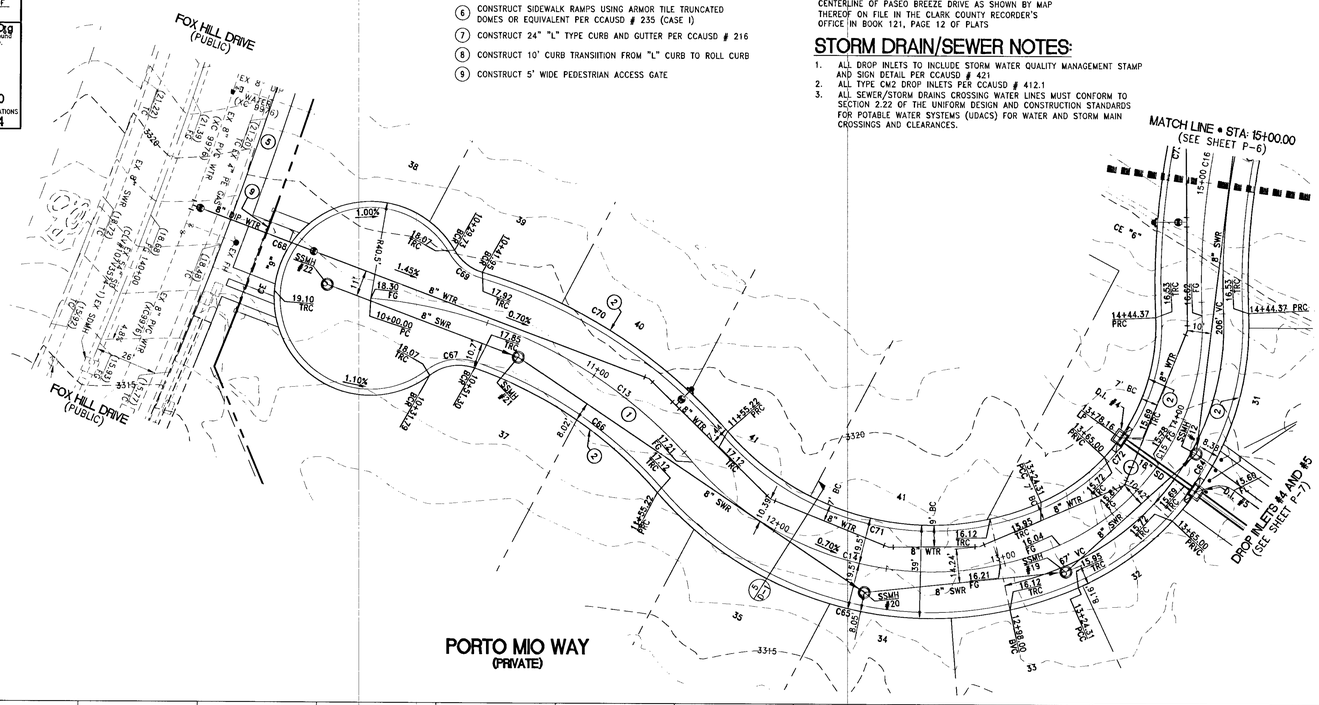
ELEVATION=997.024 METERS (NAVD'88)
ELEVATION=3271.07 US SURVEY FEET (NAVD'88)

BASIS OF BEARINGS

SOUTH 83°00'00" WEST BEING THE BEARING OF THE CENTERLINE OF PASEO BREEZE DRIVE AS SHOWN BY MAP THEREOF ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN BOOK 121, PAGE 12 OF PLATS

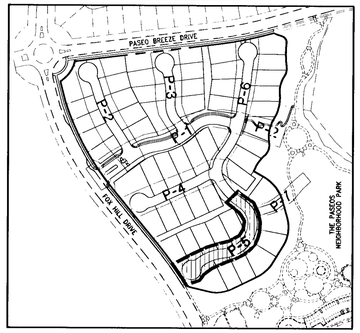
STORM DRAIN/SEWER NOTES:

1. ALL DROP INLETS TO INCLUDE STORM WATER QUALITY MANAGEMENT STAMP AND SIGN DETAIL PER CCAUSD # 421
2. ALL TYPE CM2 DROP INLETS PER CCAUSD # 412.1
3. ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.



30' 15' 0' 30' 60'

HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 5'



CURVE TABLE						
CURVE	DELTA	RADIUS	LENGTH	TANGENT	"A"	"B"
C13	44°28'0"	200.00'	155.22'	81.75'	–	–
C14	72°50'38"	133.00'	169.09'	98.13'	–	–
C15	68°47'32"	100.00'	120.07'	68.46'	–	–
C16	24°35'5"	300.00'	128.73'	65.37'	–	–
C64	68°47'32"	119.50'	143.48'	81.81'	–	–
C65	72°50'38"	152.50'	193.88'	112.52'	–	–
C66	29°46'18"	180.50'	93.79'	47.98'	–	–
C67	56°59'30"	20.00'	19.89'	10.86'	–	–
C68	277°49'1"	40.50'	196.38'	35.32'	–	–
C69	43°30'5"	20.00'	15.18'	7.98'	–	–
C70	32°26'53"	219.50'	124.31'	63.87'	–	–
C71	72°50'38"	113.50'	144.30'	83.75'	–	–
C72	68°47'32"	80.50'	96.65'	55.11'	–	–

WATER MAIN JOINT DEFLECTION (PVC 4'-24')

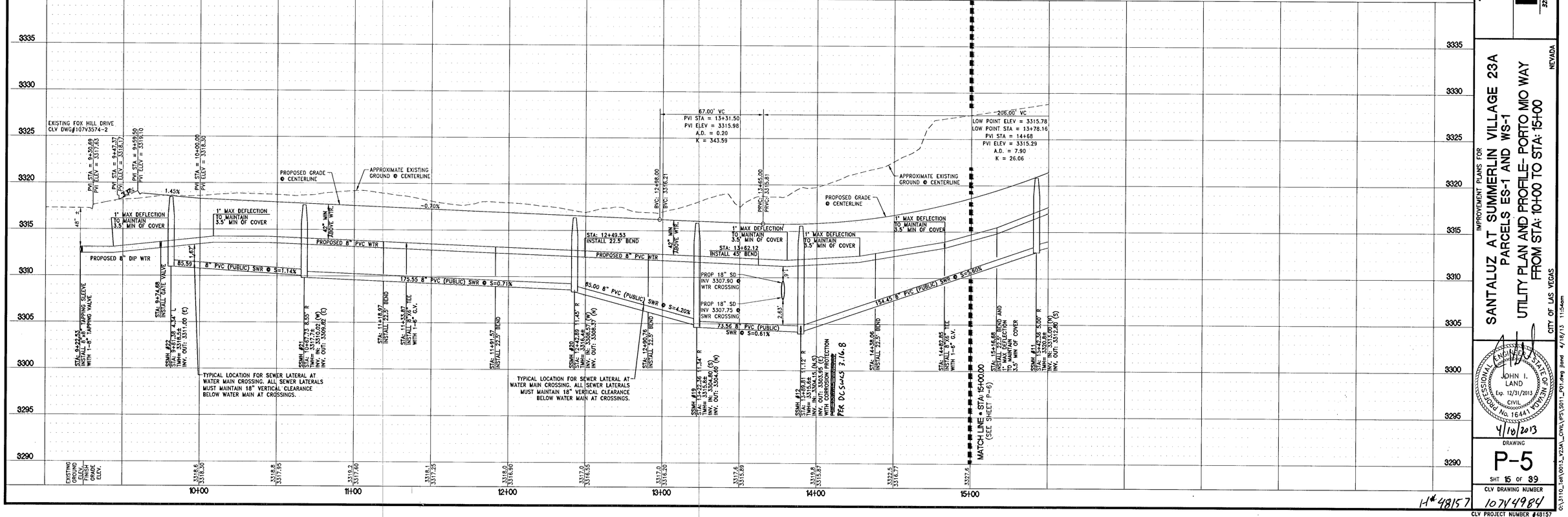
PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.07.01 AND 2.07.02

FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING PER UDACS PLATE NO. 15

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 04/22/13 PROJECT# 121254



REV	DESCRIPTION	BY	APP'D	DATE

DATE: April 18, 2013
HORIZ. SCALE: 1"=30'
VERT. SCALE: N/A
DRAWN BY: MM
DESIGNED BY: CK
CHECKED BY: JBL
APPROVED BY: JBL
PROJECT #: 3110.0013

TOLL BROTHERS INC.
1140 TOWN CENTER DRIVE SUITE 250
LAS VEGAS, NEVADA 89144
PHONE: 702-243-8900 FAX: 702-243-8610

RCI Engineering
3281 South Highland Drive, Suite 810, Las Vegas, NV 89109
PH#702.453.0800 FAX#702.453.0801

IMPROVEMENT PLANS FOR
SANTALUZ AT SUMMERLIN VILLAGE 23A
PARCELS ES-1 AND WS-1
UTILITY PLAN AND PROFILE- PORTO MIO WAY
FROM STA: 10+00 TO STA: 15+00

CITY OF LAS VEGAS NEVADA

PROFESSIONAL ENGINEER STATE OF NEVADA
JOHN I. LAND
Exp. 12/31/2013
CIVIL
No. 16441
4/10/2013

DRAWING
P-5
SHT 15 OF 89
CLV DRAWING NUMBER
107V4984
CLV PROJECT NUMBER #48157

0:\3110_TOH\0013_Y23A_CIVIL\PS\3011_P01.dwg jlond 4/18/13 11:54am

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