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
or
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 I)
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 AND 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.

CURVE TABLE

CURVE	DELTA	RADIUS	LENGTH	TANGENT	"A"	"B"
C1	29°16'31"	250.00'	127.74'	65.30'		
C4	4°15'0"	500.00'	37.09'	18.55'	–	–
C5	17°6'48"	500.00'	149.34'	75.23'	–	–
C6	3°19'24"	885.00'	51.33'	25.67'	–	–
C7	21°7'11"	100.00'	36.86'	18.64'	–	–
C24	85°30'14"	20.00'	29.85'	18.49'	8.0	8.0
C25	4°15'0"	480.50'	35.64'	17.83'	–	–
C26	17°6'48"	519.50'	155.17'	78.17'	–	–
C27	3°19'24"	904.50'	52.46'	26.24'	–	–
C28	6°23'25"	80.50'	8.98'	4.49'	–	–
C29	61°26'4"	20.00'	21.44'	11.88'	–	–
C30	277°24'54"	40.50'	196.09'	35.57'	–	–
C31	43°13'30"	20.00'	15.09'	7.92'	–	–
C32	13°38'4"	119.50'	28.44'	14.29'	–	–
C33	3°19'24"	865.50'	50.20'	25.11'	–	–
C34	17°6'48"	480.50'	143.52'	72.30'	–	–
C35	4°15'0"	519.50'	38.54'	19.28'	–	–
C36	82°9'29"	20.00'	28.68'	17.43'	9.5	4.5

LINE TABLE

LINE	BEARING	LENGTH
L2	S 77°10'15" E	78.82'
L3	S 31°38'17" E	91.96'

APPROVED FOR CONSTRUCTION

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

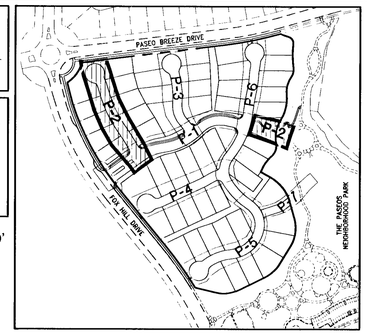
WATER MAIN JOINT DEFLECTION (PVC 4'-24')

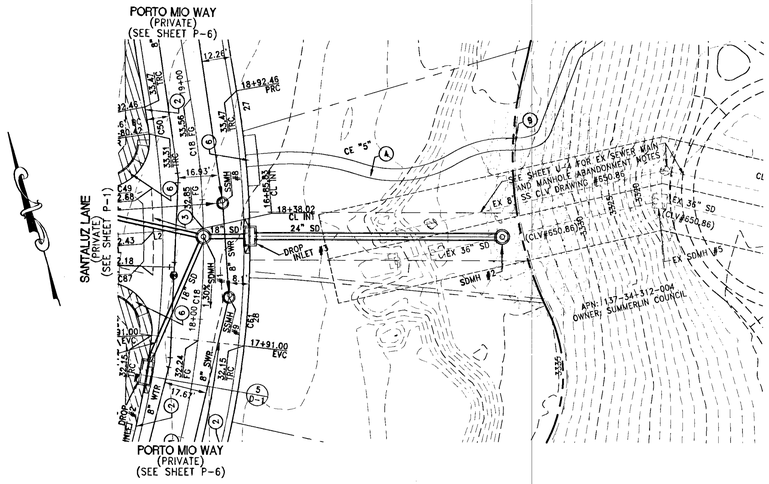
PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.07.01 AND 2.07.02

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

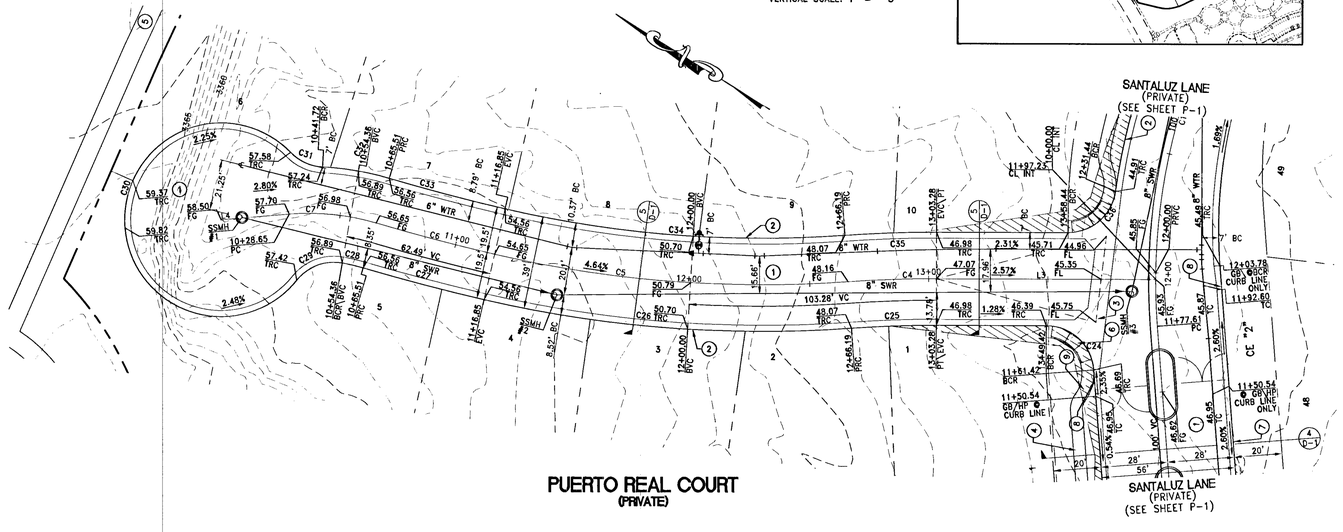
NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING PER UDACS PLATE NO. 15

30' 15' 0' 30' 60'
HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 5'

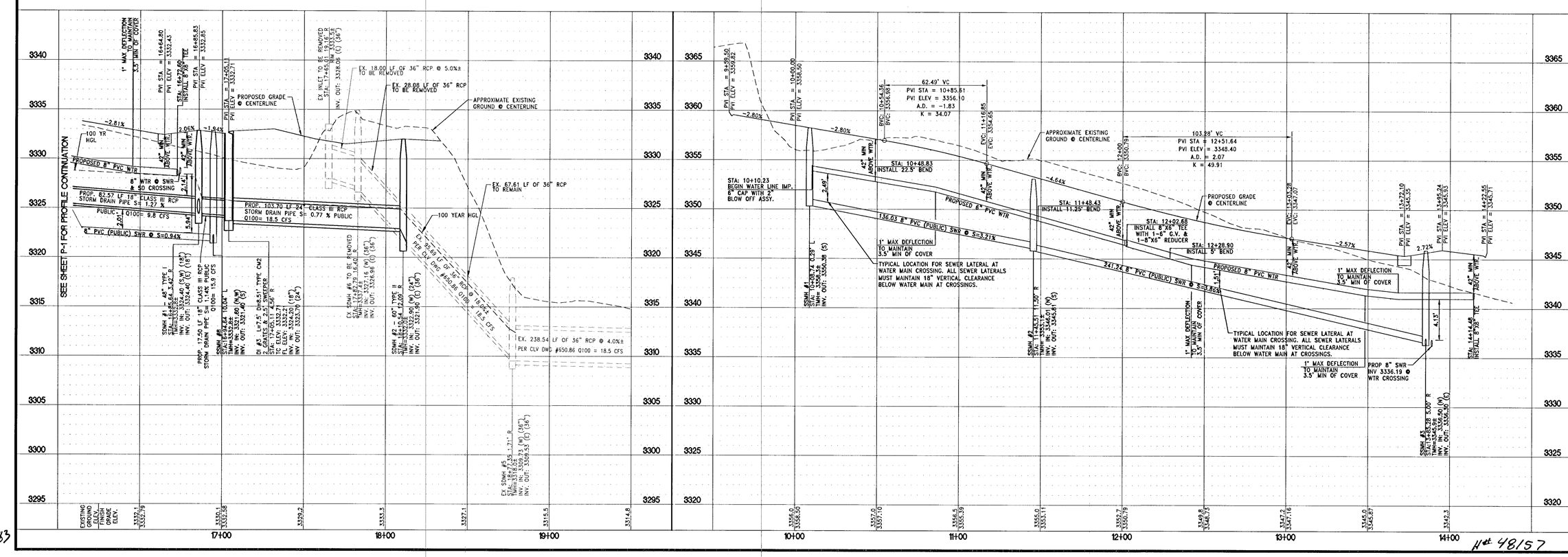




SD PIPE NORTH
(PUBLIC)



PUERTO REAL COURT
(PRIVATE)



1683

H# 48157

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

REV	DESCRIPTION	BY	APPD	DATE

DATE: April 20, 2013
HORIZ. SCALE: 1"=50'
VERT. SCALE: N/A
DRAWN BY: CLT
CHECKED BY: CLT
DESIGNED BY: JIL
APPROVED BY: JIL
PROJECT #: 3110.0013

IMPROVEMENT PLANS FOR
SANTALUZ AT SUMMERLIN VILLAGE 23A
PARCELS ES-1 AND WS-1
UTILITY PLAN AND PROFILE- SD PIPE NORTH AND PUERTO REAL COURT

CITY OF LAS VEGAS NEVADA

PROFESSIONAL ENGINEER STATE OF NEVADA
JOHN I. LAND
Exp. 12/31/2013
CIVIL
No. 16441
4/20/2013

DRAWING
P-2
SHT 12 OF 89

CLV DRAWING NUMBER
10744984

CLV PROJECT NUMBER #48157

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