

DISCLAIMER NOTE:

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S 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. If a costly.  
Call before you dig  
1-800-227-2600  
CLARK COUNTY TRAFFIC OPERATIONS  
1-702-455-7344

CONSTRUCTION NOTES

1. CONSTRUCT AC PAVEMENT PER DETAILS ON SHEET D-1
2. CONSTRUCT 30" ROLL CURB PER CCAUSD # 217.51
3. CONSTRUCT 8" CROSS GUTTER PER CCAUSD # 228
4. CONSTRUCT 5" SIDEWALK PER CCAUSD # 234
5. 5-INCH THICK WHEN CONTIGUOUS TO ROLL CURB
6. CONSTRUCT 8" SIDEWALK PER CCAUSD # 234
7. CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER CCAUSD # 235 (CASE I)
8. CONSTRUCT 24" "L" TYPE CURB AND GUTTER PER CCAUSD # 216
9. CONSTRUCT 10" CURB TRANSITION FROM "L" CURB TO ROLL CURB
10. CONSTRUCT 5' WIDE PEDESTRIAN ACCESS GATE

BENCHMARK

CITY OF LAS VEGAS BENCHMARK No. 7LV09 3404  
A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHEAST CORNER OF PASEO BREEZE DRIVE AND DESERT MOON DRIVE  
ELEVATION=997.024 METERS (NAVD'83)  
ELEVATION=3271.07 US SURVEY FEET (NAVD'83)

BASIS OF BEARINGS

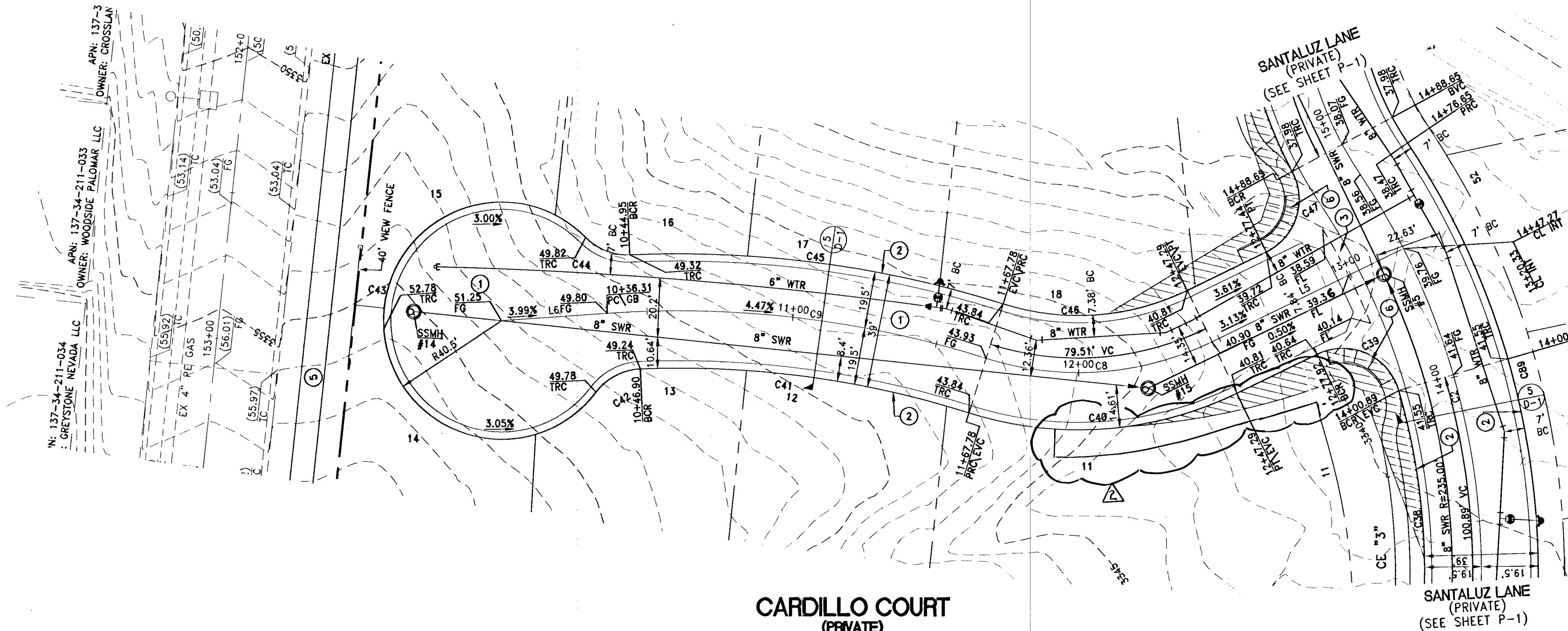
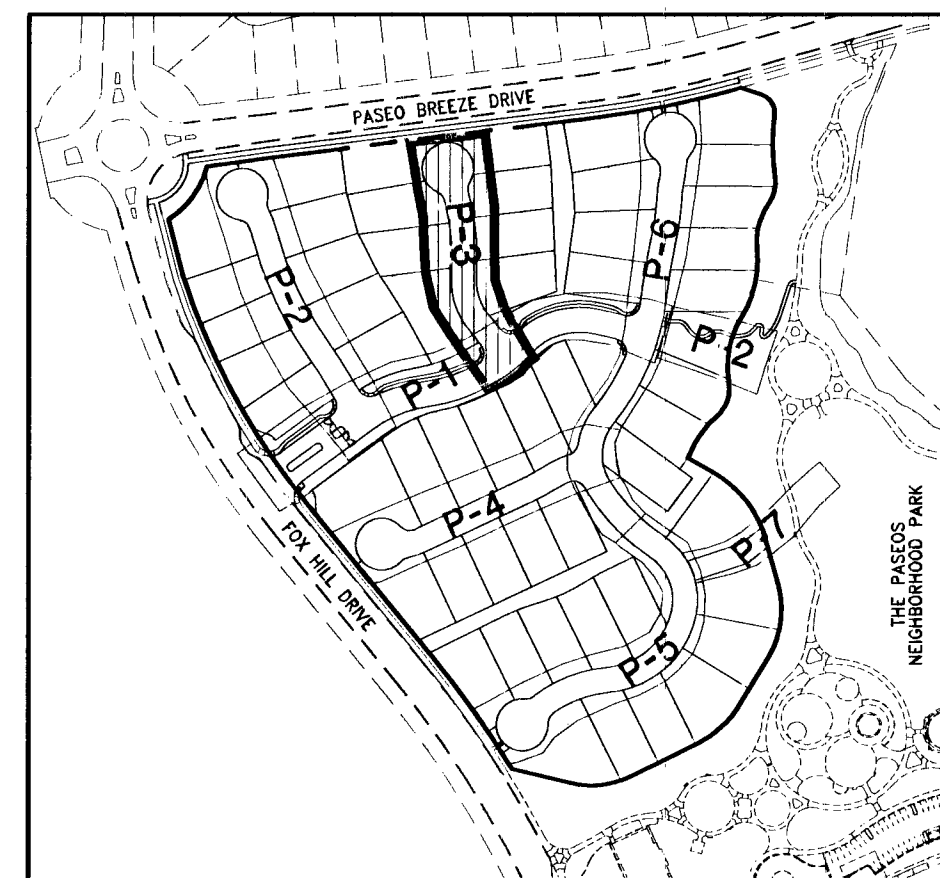
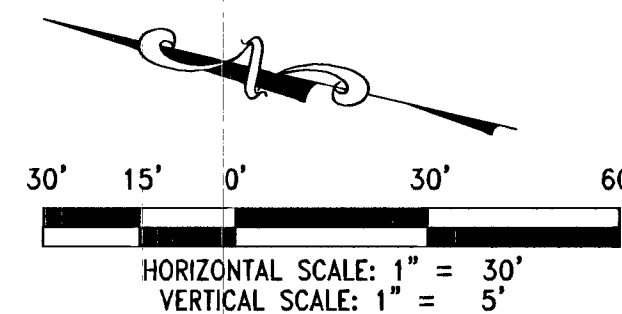
SOUTH 83°00'00" WEST BEING THE BEARING OF THE CENTERLINE OF PASEO BREEZE DRIVE AS SHOWN BY MAP THEREOF ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN BOOK 121, PAGE 12 OF PLATS

STORM DRAIN/SEWER NOTES:

1. ALL DROP INLETS TO INCLUDE STORM WATER QUALITY MANAGEMENT STAMP AND SIGN DETAIL PER CCAUSD # 421
2. ALL TYPE CWD 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 MAIN CROSSINGS AND CLEARANCES.

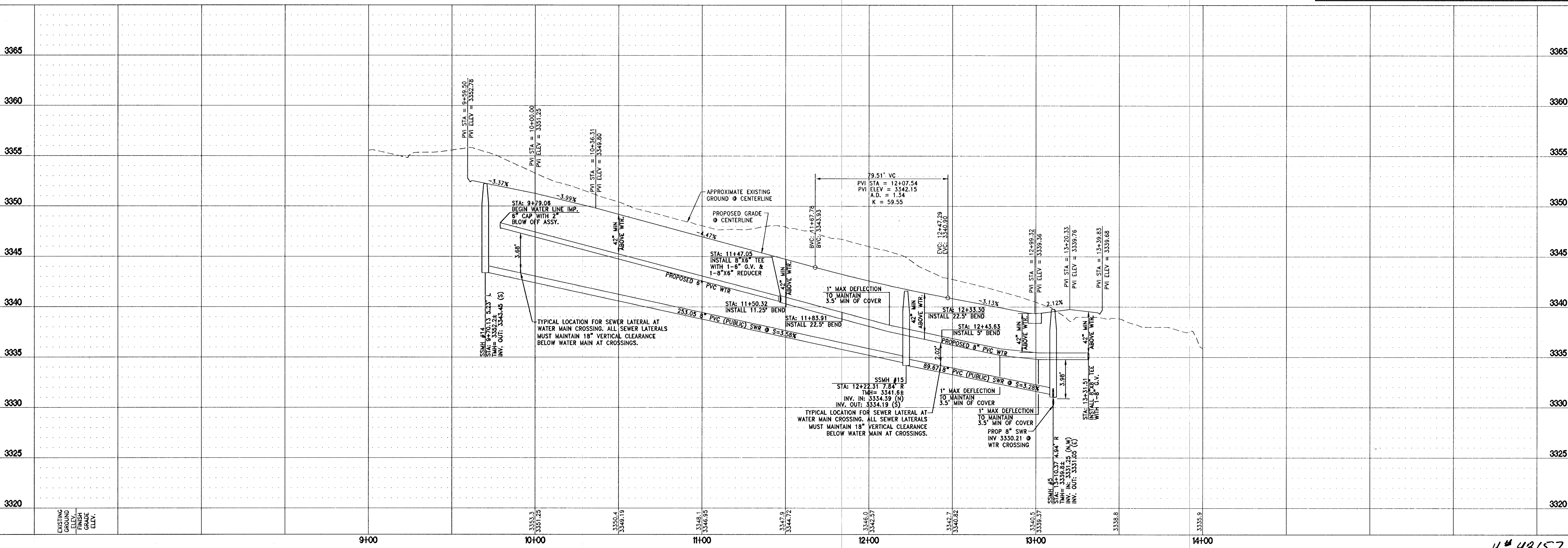
| CURVE TABLE |           |         |         |         |          |
|-------------|-----------|---------|---------|---------|----------|
| CURVE       | DELTA     | RADIUS  | LENGTH  | TANGENT | "A" "B"  |
| C8          | 43°23'20" | 105.00' | 79.51'  | 41.77'  | - -      |
| C9          | 21°31'18" | 350.00' | 131.47' | 66.52'  | - -      |
| C39         | 99°43'29" | 20.00'  | 34.81'  | 23.72'  | 9.5 4.5  |
| C40         | 43°23'20" | 124.50' | 94.28'  | 49.53'  | - -      |
| C41         | 19°47'16" | 330.50' | 114.14' | 57.65'  | - -      |
| C42         | 50°47'45" | 20.00'  | 17.73'  | 9.50'   | - -      |
| C43         | 27°27'11" | 40.50'  | 196.82' | 34.93'  | - -      |
| C44         | 47°58'23" | 20.00'  | 16.75'  | 8.90'   | - -      |
| C45         | 20°6'23"  | 369.50' | 129.67' | 65.51'  | - -      |
| C46         | 43°23'20" | 85.50'  | 64.75'  | 34.02'  | - -      |
| C47         | 92°29'31" | 20.00'  | 32.29'  | 20.89'  | 21.5 4.5 |

| LINE TABLE |               |        |
|------------|---------------|--------|
| LINE       | BEARING       | LENGTH |
| L5         | S 38°55'45" E | 73.04' |
| L6         | S 17°3'43" E  | 36.31' |



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



DATE: April 18, 2013  
HORIZ. SCALE: 1"=50'  
VERT. SCALE: 1"=5'  
DRAWN BY: N/A  
DESIGNED BY: CLT  
CHECKED BY: JIL  
APPROVED BY: JIL  
PROJECT #: 3110.0013

REUSE CE-3 AREA

**TOLL BROTHERS INC.**  
1140 TOWN CENTER DRIVE SUITE 250  
LAS VEGAS, NV 89144  
PHONE: 702-245-5800 FAX: 702-245-5810

**RCI Engineering**  
3281 South Highland Drive Suite 100, Las Vegas, NV 89109  
PHONE: 702-651-0800 FAX: 702-651-0801

IMPROVEMENT PLANS FOR  
**SANTALUZ AT SUMMERLIN VILLAGE 23A**  
PARCELS ES-1 AND WS-1  
UTILITY PLAN AND PROFILE  
CARDILLO COURT

NEVADA

CITY OF LAS VEGAS

4/18/2013

**P-3**  
SHT 13 OF 39  
CLV DRAWING NUMBER  
CLV PROJECT NUMBER #48157