

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. It's costly.
Call before you Dig
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

SEWER CONSTRUCTION NOTES
[21] INSTALL 48" STANDARD MANHOLE (PER DCSWCS STD. NO. SD-1A, SD-4, SD-5 & SD-6)
[22] INSTALL 4" SEWER LATERAL (PER DCSWCS STD. NO. SD-17, SD-22 & SD-25) AND 1 CU-FT THRUST BLOCK @ CAP
[23] TYPICAL LOCATION FOR SEWER LATERAL AT WATER MAIN CROSSING
[24] INSTALL 8" SEWER CAP

- CONSTRUCTION NOTES**
- CONSTRUCT AC PAVEMENT PER DETAILS 1 THRU DETAIL 4, ON SHEET D-1
 - CONSTRUCT 24" "L" TYPE CURB AND GUTTER PER CCAUSD # 216
 - CONSTRUCT "A" CURB PER CCAUSD # 219
 - CONSTRUCT 8" CROSS GUTTER PER CCAUSD # 228
 - CONSTRUCT 5' SIDEWALK PER CCAUSD # 234
 - CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER CCAUSD # 235 (CASE I)
 - CONSTRUCT 6" SCREEN WALL
 - CONSTRUCT 5' WIDE PEDESTRIAN ACCESS GATE
 - CONSTRUCT ELECTRONICALLY CONTROLLED ACCESS GATES
 - CONSTRUCT CALL BOX
 - EXISTING DRIVE APPROACH TO BE REMOVED

BUILDING PERMIT NOTE
ALL STRUCTURES SHOWN OR INDICATED ON THIS SUBMITTAL WITHIN THE PROPERTY REQUIRE A BUILDING PERMIT APPLICATION AND SUBMITTAL THIS INCLUDES BUILDINGS, ABOVE GROUND TANKS, SIGNS, RETAINING WALLS, FENCES, TRASH ENCLOSURES, SHADE STRUCTURES, STAIRWAYS, RAMPS, LIGHT POLES, LIGHT BOLLARDS, ETC. THIS DOES NOT INCLUDE ANY FLOOD CONTROL STRUCTURE SUCH AS PIPES, CULVERTS, ARCH CULVERTS, HEADWALLS, ETC. THIS DOES NOT INCLUDE ANY WORK WITHIN A PUBLIC STREET RIGHT-OF-WAY. THIS DOES NOT INCLUDE PRIVATE STREETS. THE REVIEW OF CIVIL IMPROVEMENT AND/OR GRADING PLANS DOES NOT INCLUDE ANY REVIEW OF ANY STRUCTURE THAT REQUIRES A BUILDING PERMIT APPLICATION.

SIGHT VISIBILITY ZONE
NO STRUCTURE, VEGETATION, OR OBJECTS OF ANY KIND IS PERMITTED OVER TWENTY-FOUR (24) INCHES IN HEIGHT (MEASURED FROM THE TOP OF THE ADJACENT CURB IF CURB EXISTS) WITHIN THE SIGHT VISIBILITY ZONES.

FLOOD ZONE NOTE
ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBER 32003C1745F DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

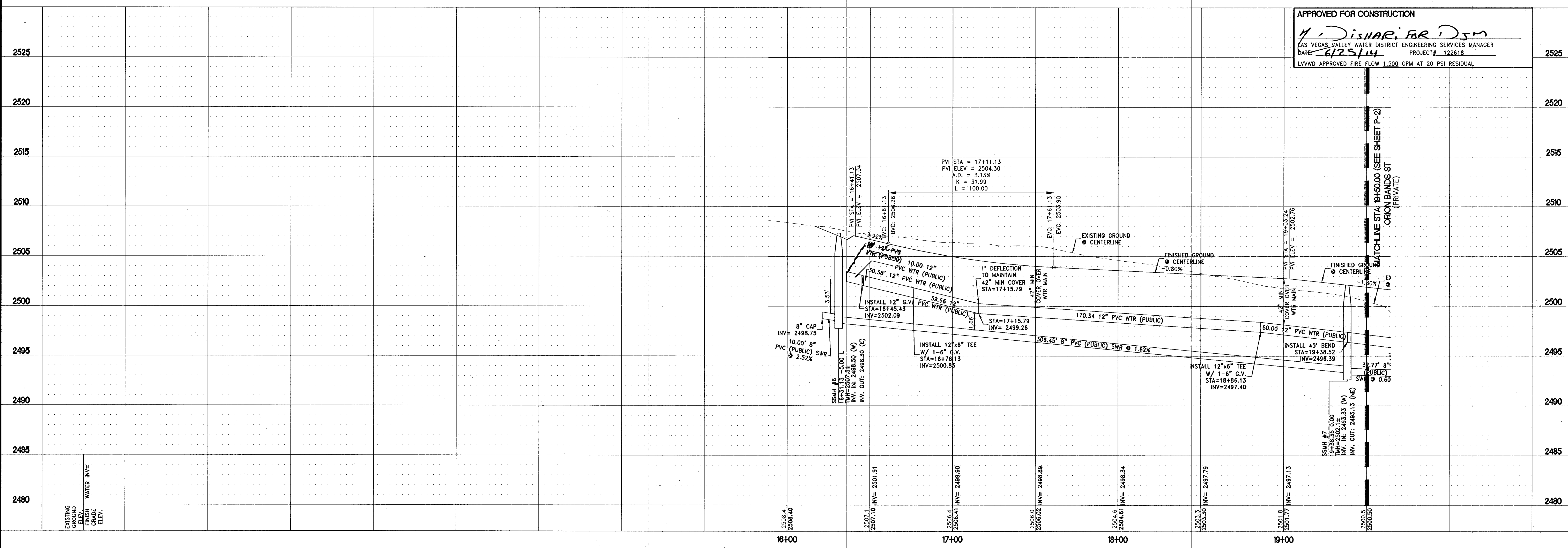
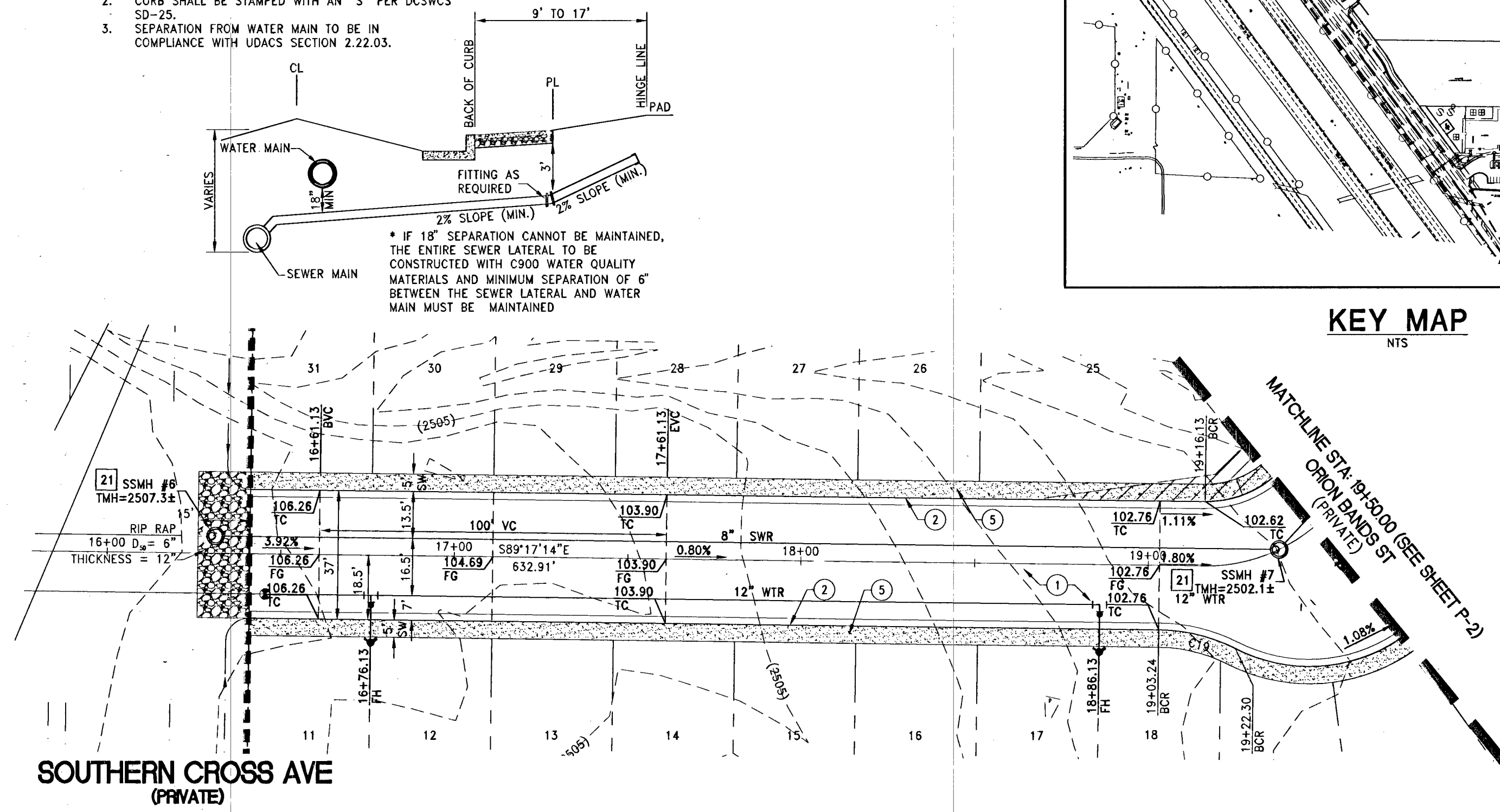
BENCHMARK
CITY OF LAS VEGAS BENCHMARK BLV90 21N4
ELEVATION = 749.292 METERS (NAVD 88)
ELEVATION = 2458.10 U.S. SURVEY FEET (NAVD 88)
RIVET AND PLATE IN TOP OF CURB AT THE SOUTHEAST CORNER OF ELKHORN AND CIMARRON

BASIS OF BEARINGS
NORTH 00°23'17" EAST, BEING THE BEARING OF THE WEST LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 21, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 82, PAGE 86 OF SURVEYS.

CURVE TABLE					CASE I SIDEWALK RAMP PER UDACS No. 235	
CURVE #	LENGTH	RADIUS	DELTA	TANGENT	"A"	"B"
C19	22.90	50.00	26.25	11.66	-	-

NOTES:

- SEE DCSWCS SD-22 & SD-23 FOR SEWER LATERALS.
- CURB SHALL BE STAMPED WITH AN "S" PER DCSWCS SD-25.
- SEPARATION FROM WATER MAIN TO BE IN COMPLIANCE WITH UDACS SECTION 2.22.03.



APPROVED FOR CONSTRUCTION
M. Dishari, P.E.
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 6/25/14 PROJECT # 122618
LVVWD APPROVED FIRE FLOW 1,500 GPM AT 20 PSI RESIDUAL

DATE: June 23, 2014
HORIZ. SCALE: 1"=30'
VERT. SCALE: 1"=5'
DRAWN BY: DP
DESIGNED BY: DP
CHECKED BY: CLT
APPROVED BY: CLT
PROJECT #: 1710.0005

8925 WEST RUSSELL ROAD
SUITE 200
LAS VEGAS, NV 89148
(702) 360-7500 (702) 360-7005

RYLAND HOMES

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

IMPROVEMENT PLANS FOR
SKY POINTE BY RYLAND HOMES UNIT 1
A SINGLE FAMILY RESIDENTIAL SUBDIVISION
PLAN AND PROFILE - SOUTHERN CROSS AVE
STA: 13+00.00 - 19+50.00

NEVADA

CITY OF LAS VEGAS
6/23/14 8:28am

PROFESSIONAL ENGINEER
CHRISTOPHER L. THOMPSON
Exp. 6/30/2014
CIVIL
No. 14134 YOUNG & JOHNSON

DRAWING
P-1
SHT 9 OF 15
11853667
10744999P-1