

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 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 OR AND CLARK COUNTY TRAFFIC OPERATION 1-702-455-7544
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- 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
ALL SEWER LATERALS MUST MAINTAIN 18" VERTICAL CLEARANCE
BELOW WATER MAIN AT CROSSINGS.
- 24 INSTALL 8" SEWER CAP

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

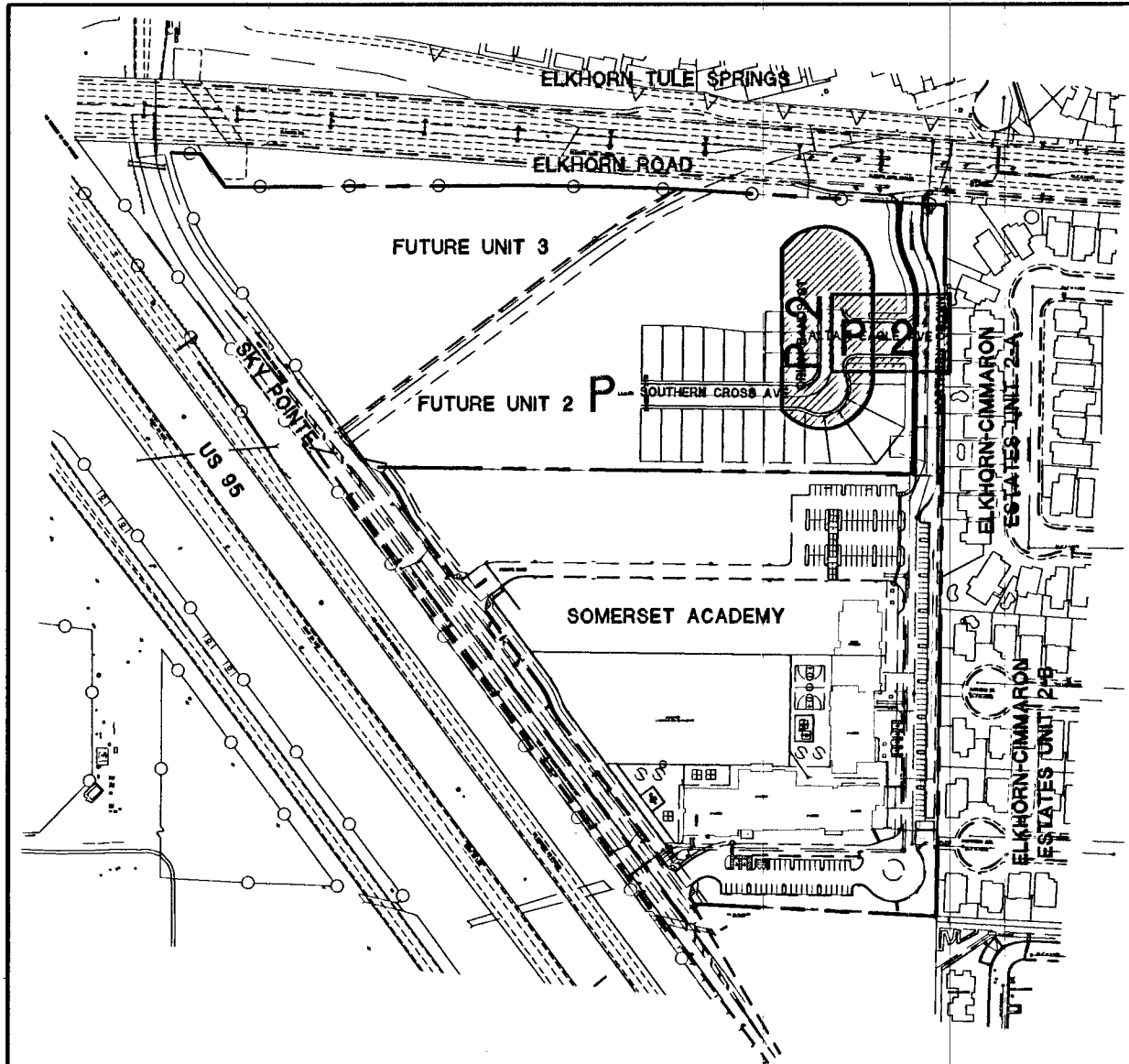
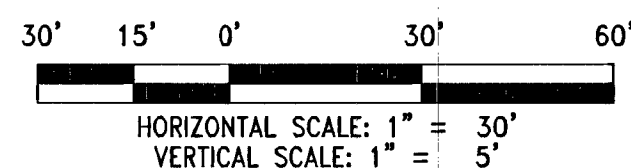
CITY OF LAS VEGAS BENCHMARK 8LV90 21N4
ELEVATION = 749.232 METERS (NAVD 88)
ELEVATION = 2458.10 U.S. SURVEY FEET (NAVD 88)
RIVET AND PLATE IN TOP OF CURB AT THE SOUTHEAST CORNER OF
ELKHORN AND CIMARRON

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, W.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.

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 BRIDGES, 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."

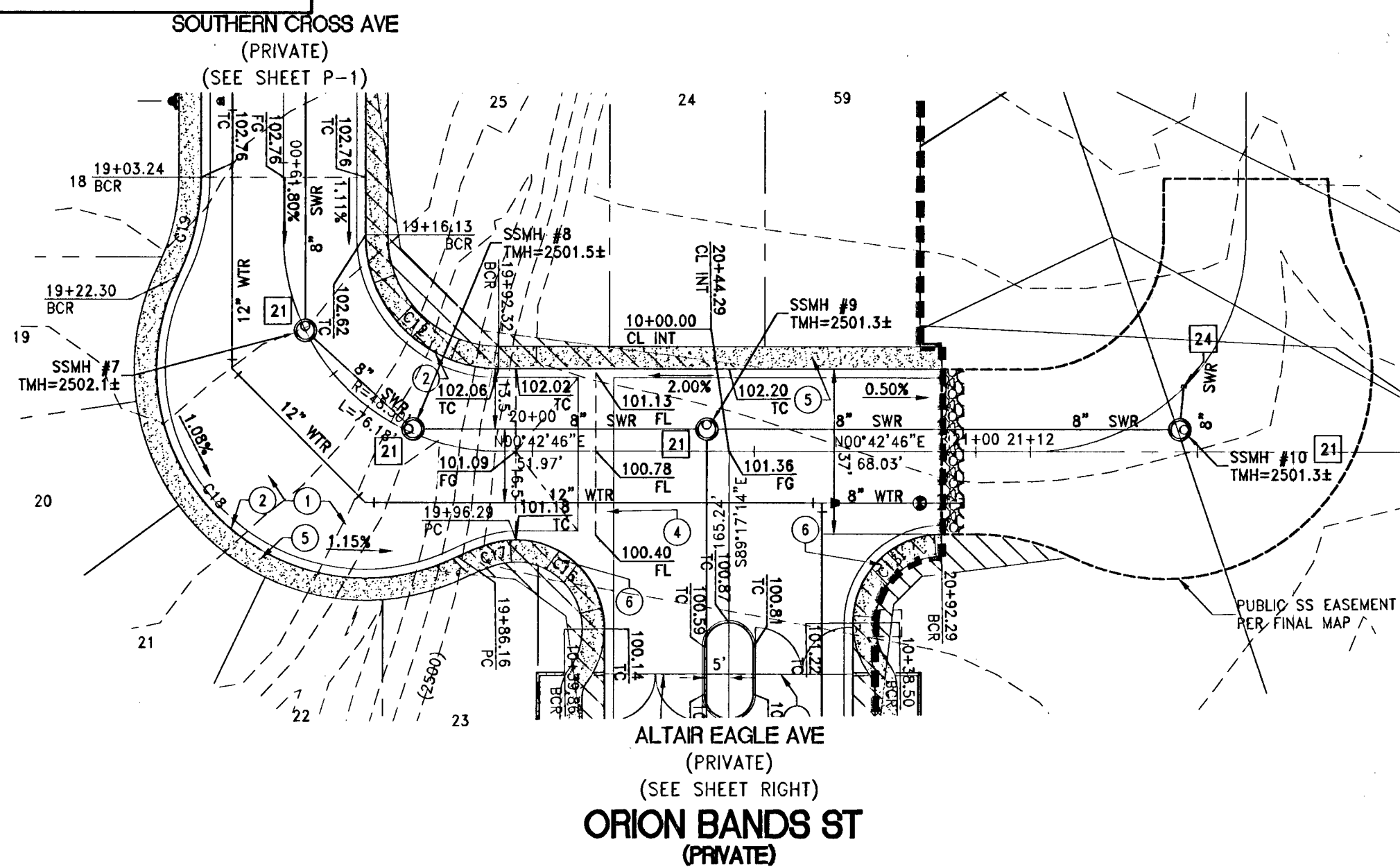
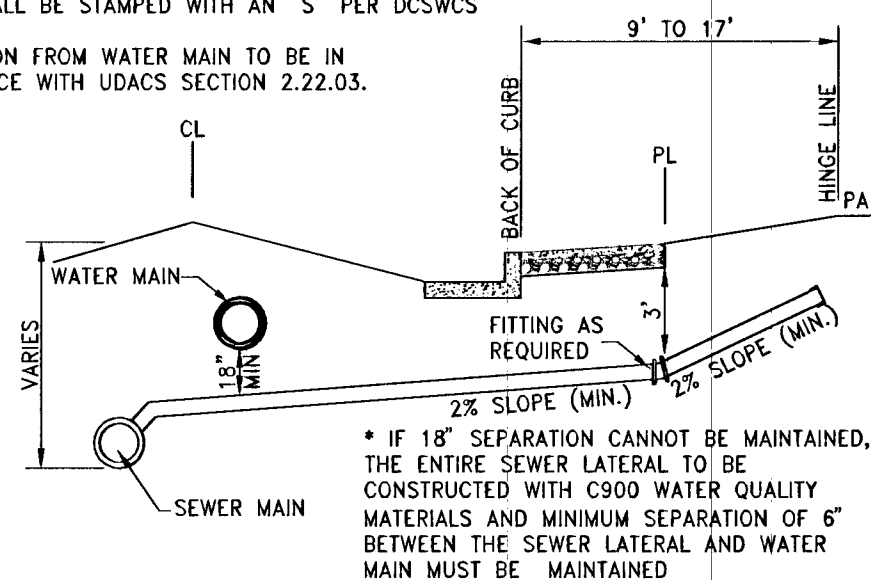
CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C12	47.12	30.00	90.00	30.00
C13	31.42	20.00	90.00	20.00
C16	37.46	20.00	107.31	27.18
C17	37.46	20.00	107.31	27.18
C18	116.89	47.00	142.49	138.42

CASE I
SIDEWALK
RAMP PER
UDACS No.
235



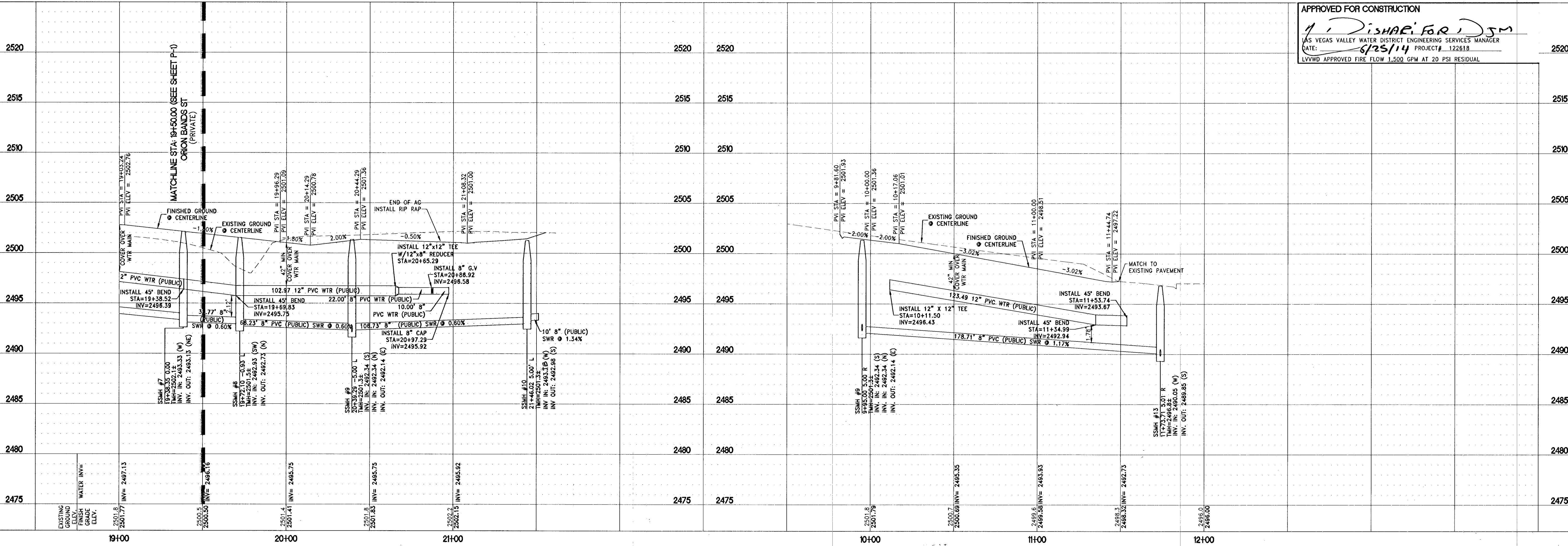
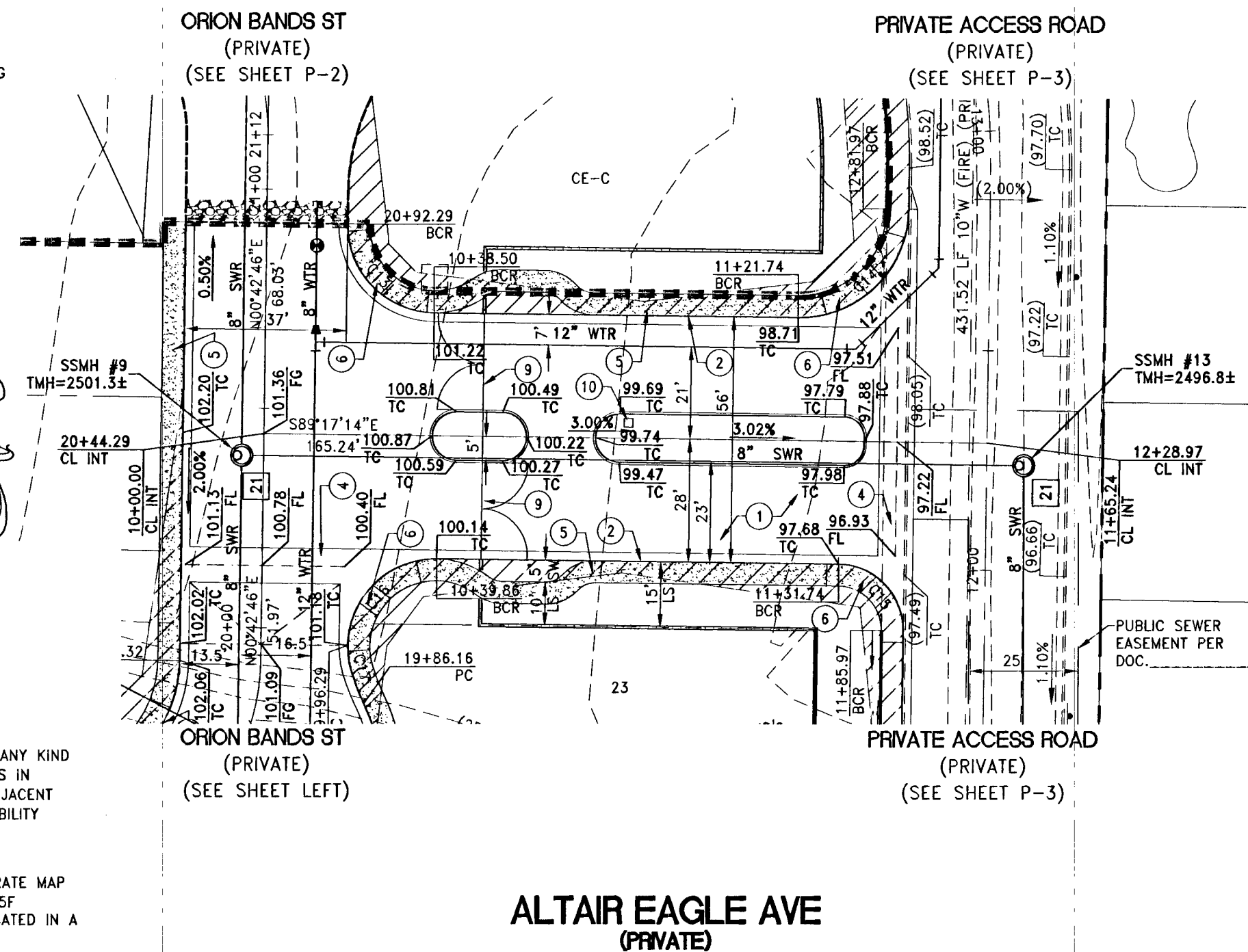
NOTES:

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



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.

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



APPROVED FOR CONSTRUCTION

1. DISHAR FOR JS
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

RYLAND HOMES®		9925 WEST RUSSELL ROAD LAS VEGAS, NV 89148 (702) 346-7500 (702) 346-7005	
RCI		Engineering	
4325 Dena Martin Drive, Suite 300 Las Vegas, NV 89103 PHN702-453-0000 FAX702-453-0001			
REV	DESCRIPTION	BY	DATE
	DATE: June 23, 2014		
	HORIZ. SCALE: 1"=30'		
	VERT. SCALE: 1"=5'		
	DRAWN BY: DO		
	DESIGNED BY: DP		
	CHECKED BY: CLT		
	APPROVED BY: CLT		
	PROJECT #: 37020005		

IMPROVEMENT PLANS FOR
SKY POINTE BY RYLAND HOMES UNIT 1
A SINGLE FAMILY RESIDENTIAL SUBDIVISION
RAN AND PROFILE - ORION BANDS ST AND ALTAIR EAGLE AVENUE

ENGINEER STATE OF NEVADA
CHRISTOPHER L. THOMPSON
Exp. 6/30/2014
CIVIL
No. 14134

01814
DRAWING
P-2
SHT 10 OF 15
H453667
107Y4999-1

H#53667