

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.

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

Call before you Dig
Avoid cutting underground utility. It's costly.
1-800-227-2600
CLARK COUNTY UTILITY OPERATORS
1-702-455-6000

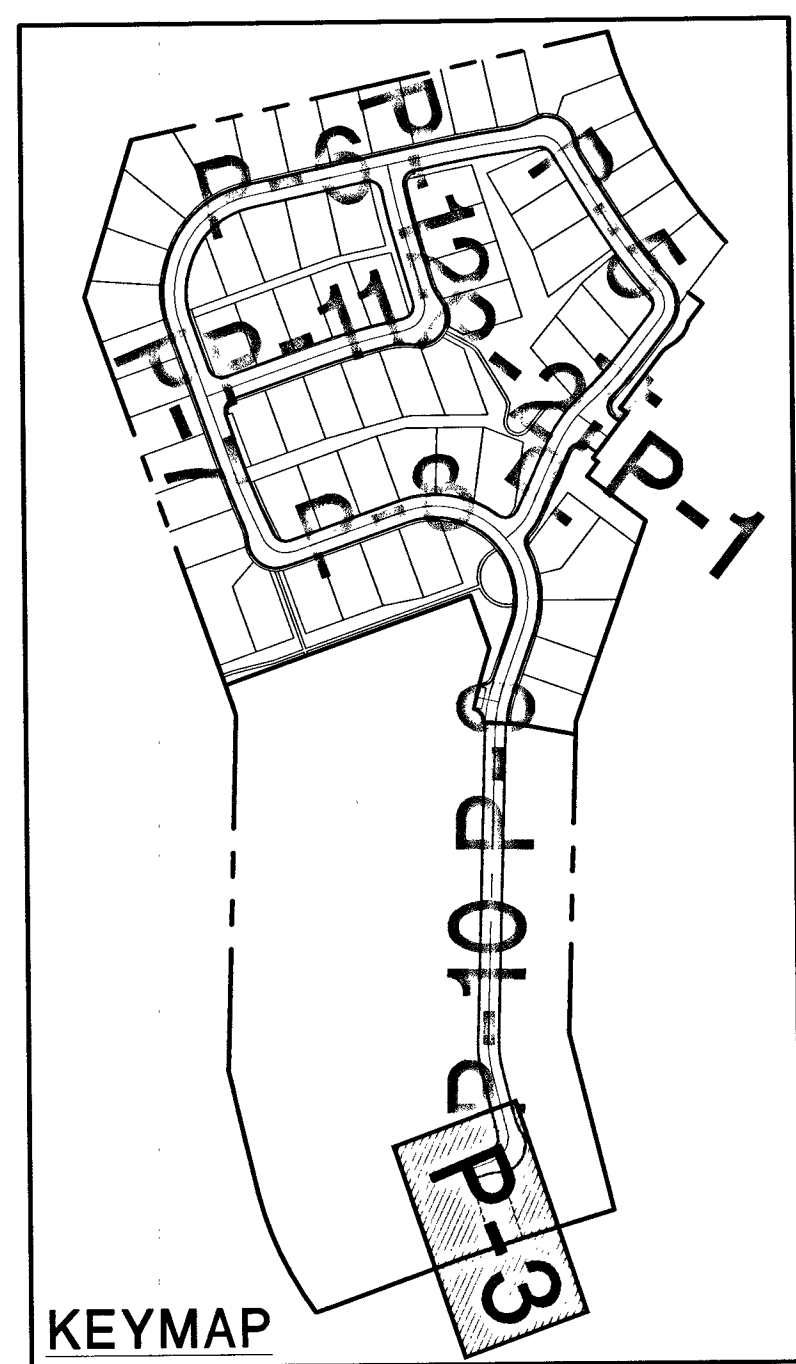
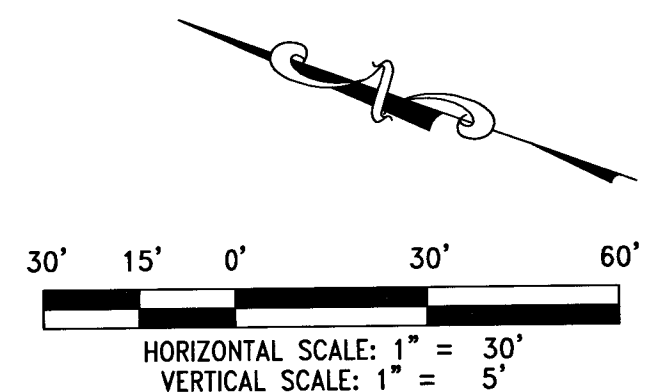
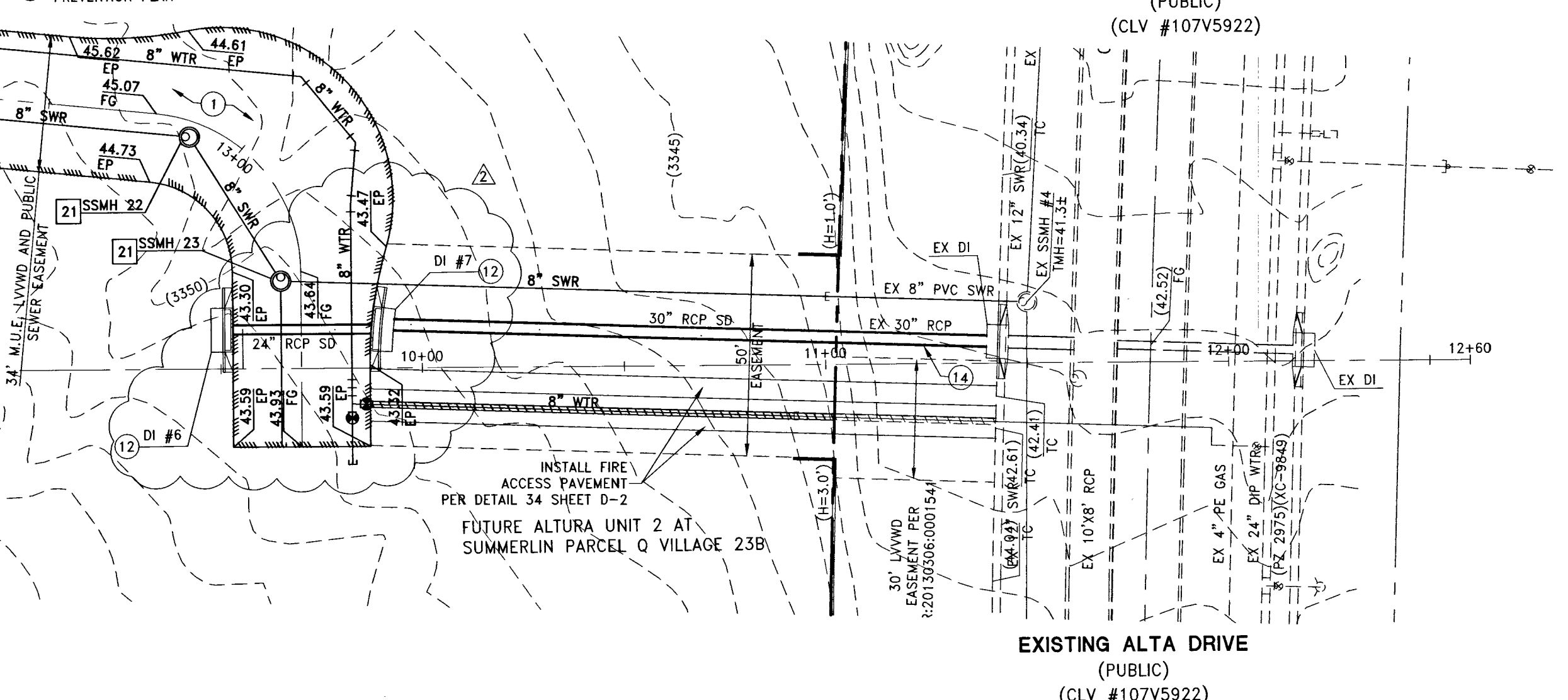
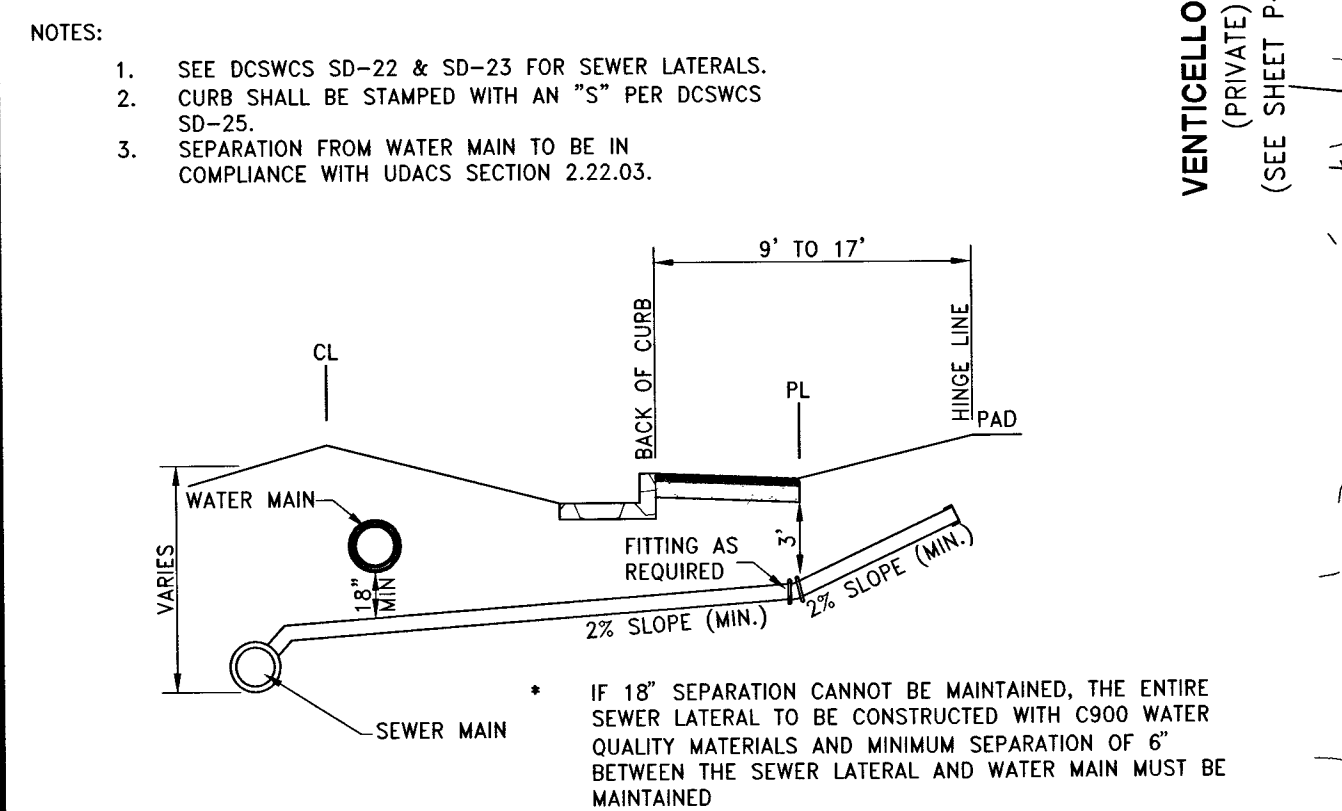
LEGAL DESCRIPTION
ALL OF PARCEL Q AS SHOWN ON THE FINAL MAP OF SUMMERLIN VILLAGE 23B, UNIT No. 2 ON FILE IN THE OFFICE OF THE COUNTY RECORDER OF CLARK COUNTY NEVADA IN BOOK 145 OF PLATS AT PAGE 85, SITUATE IN SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY NEVADA.

BENCHMARK
CITY OF LAS VEGAS BENCHMARK STATION SLV09 34N6
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF DESERT FOOTHILLS AND ALTA DRIVE.
ELEVATION = 1007.197 METERS (NAVD'88)
ELEVATION = 3304.45 US SURVEY FEET (NAVD'88)

BASIS OF BEARINGS
NORTH 89°46'49" EAST, BEING THE BEARING OF THE NORTH LINE OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA AS SHOWN BY MAP THEREOF ON FILE IN FILE 91, PAGE 28 OF PARCEL MAPS IN THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

- CONSTRUCTION NOTES**
1. CONSTRUCT AC PAVEMENT PER DETAILS 1 THRU 4 ON SHEET D-1
 2. CONSTRUCT 24" "L" TYPE CURB AND GUTTER PER CCAUSD # 216
 3. CONSTRUCT 30" ROLL CURB AND GUTTER PER CCAUSD # 217.51
 4. CONSTRUCT 4' SIDEWALK PER CCAUSD # 234
 5. CONSTRUCT 5' SIDEWALK PER CCAUSD # 234
 6. CONSTRUCT 5' CURB TRANSITION FROM ROLL CURB TO "L" CURB PER DETAIL 22 ON SHEET D-2
 7. CONSTRUCT 8" CROSS GUTTER PER DETAIL 21 ON SHEET D-2
 8. CONSTRUCT SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER CCAUSD # 235
 9. CONSTRUCT SIDEWALK UNDERDRAIN PER CCAUSD # 236
 10. CONSTRUCT 5' TYPE CM (1 GRATE) DROP INLET PER CCAUSD #412.1 & #421
 11. CONSTRUCT 7.5' TYPE CM (2 GRATES) DROP INLET PER CCAUSD #412.1 & #421
 12. CONSTRUCT 10' TYPE CM (3 GRATES) DROP INLET PER CCAUSD #412.1 & #421
 13. CONSTRUCT 17.5' TYPE CM (6 GRATES) DROP INLET PER CCAUSD #412.1 & #421
 14. EXISTING STORM DRAIN TO BE REMOVED AND REPLACED PER SHEET P-3
 15. CONSTRUCT TYPE III-SD MANHOLE PER CCAUSD #406
 16. CONSTRUCT 20' TYPE CM (7 GRATES) DROP INLET PER CCAUSD #412.1 & #421
 17. INSTALL INLET PROTECTION IN ACCORDANCE WITH STORM WATER PREVENTION PLAN

- 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. ALL SEWER LATERALS MUST MAINTAIN 24" VERTICAL CLEARANCE BELOW WATER MAIN AT CROSSINGS.



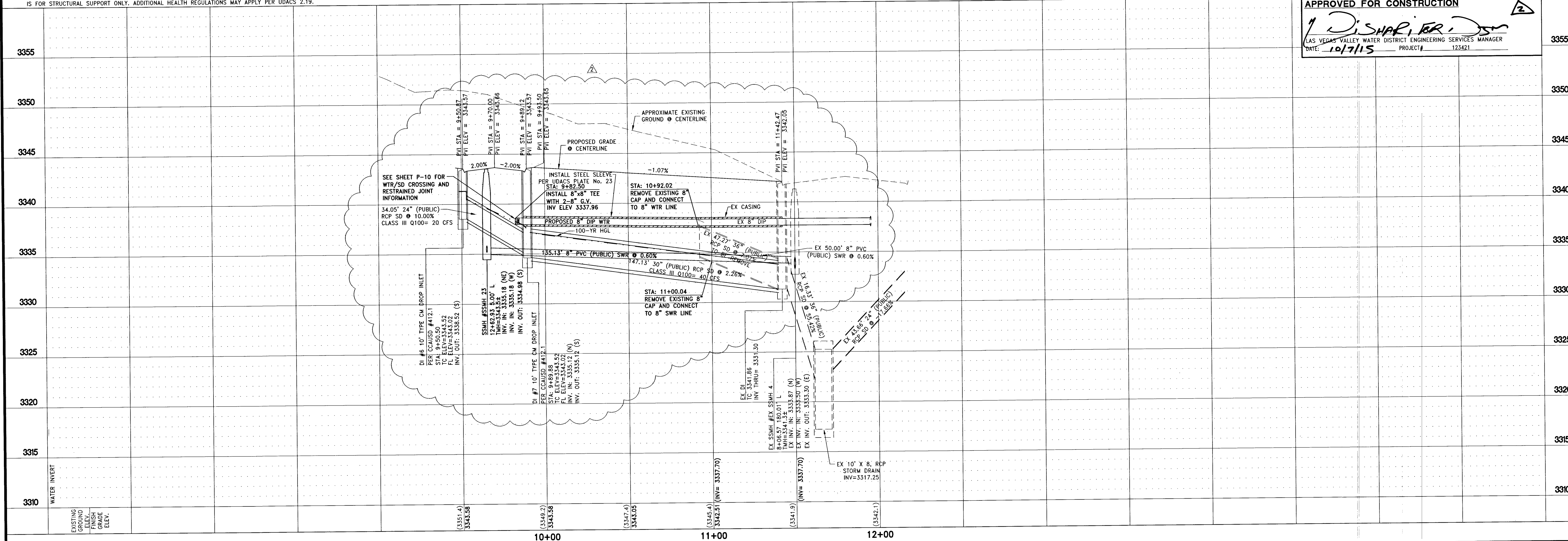
CONTROLLED LOW STRENGTH MATERIAL (CLSM)

PROTECT WATERLINES IN PLACE, WHEREVER A WATERLINE IS ABOVE A STORM DRAIN OR SEWER WHERE COMPACTION REQUIREMENTS UNDER A WATERLINE CANNOT BE MET, BACKFILL TRENCH WITH CLASS II CONTROLLED LOW STRENGTH MATERIAL (CLSM) TO THE SPRINGLINE OF THE WATERLINE. THIS REQUIREMENT IS FOR STRUCTURAL SUPPORT ONLY. ADDITIONAL HEALTH REGULATIONS MAY APPLY PER UDACS 2.19.

50' UTILITY EASEMENT

NOTE:
MINIMUM 24" COVER PER UDACS SEC 2.08.04. GRADING MUST BE COMPLETED PRIOR TO WATERLINE INSTALLATION

APPROVED FOR CONSTRUCTION
Dispari, J. M.
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 10/7/15 PROJECT # 123421



REV	DESCRIPTION	BY	DATE
1	REVISE WATER MAIN AT STORM DRAIN CROSSING	SB	10/6/15

DATE: September 16, 2015
HORIZ. SCALE: 1"=30'
VERT. SCALE: 1"=5'
DRAWN BY: GS
DESIGNED BY: SC
CHECKED BY: CT
APPROVED BY: CT
PROJECT #: 310.001E

TOLL SOUTH LV, LLC
1140 TOWN CENTER DRIVE SUITE 250
LAS VEGAS, NV 89144
PHONE: 702-243-9800 FAX: 702-243-9810

RCI Engineering
4325 Dean Martin Drive Suite 300, Las Vegas, NV 89103
PH702.453.0800 FAX702.453.0801

NEVADA

ALTURA UNIT 1
A SINGLE FAMILY RESIDENTIAL SUBDIVISION
PLAN AND PROFILE
50' UTILITY EASEMENT

PROFESSIONAL ENGINEER
CHRISTOPHER L. THOMPSON
Exp. 6/30/2016
CIVIL
No. 14134
9/16/15

P-3
SHEET 30 OF 47
CLV DRAWING NUMBER
107V5922
H # 53695