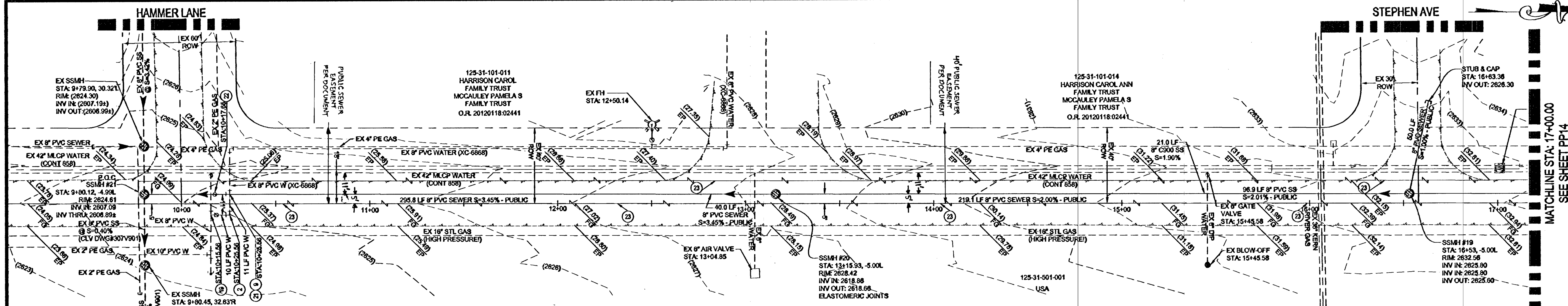
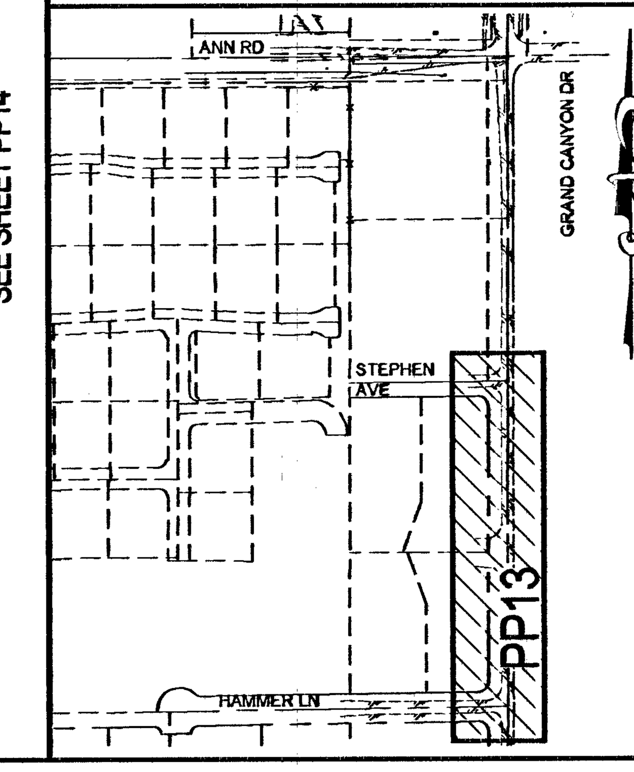
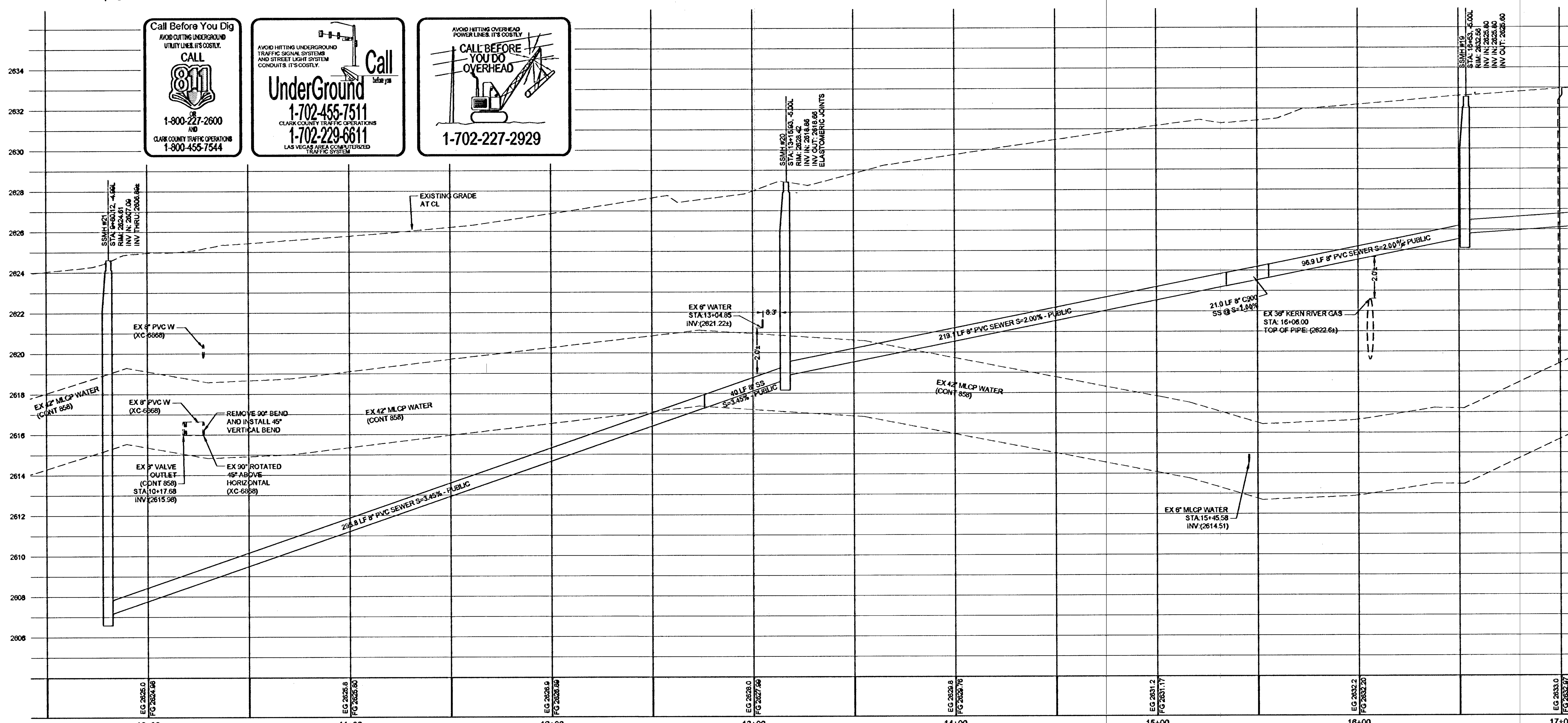


GRAND CANYON DRIVE - PLAN
STA: 10+00 TO 17+00





GRAND CANYON DRIVE - PROFILE
STA: 10+00 TO 17+00
SCALE: 1"=30' HORIZ., 1"=3' VERT.

TRENCHES

FOR TRENCHES FOUR (4) FEET WIDE AND GREATER:

CONTRACTOR MUST SUBMIT SHOP DRAWINGS O LVVWD ENGINEERING SERVICES BEFORE CONSTRUCTION TO SHOW HOW WATERLINES SPANNING A TRENCH WILL BE SUPPORTED DURING EXCAVATION AND BACKFILL.

SUPPORTED PIPE MAY BE EXPOSED FOR NO LONGER THAN 90 DAYS MAXIMUM IF THE PIPE WILL BE EXPOSED FOR MORE THAN 90 DAYS, PIPE MUST BE RELOCATED PER APPROVED PLANS.

IF THE PIPE MATERIAL IS ACP, REPLACE FROM COUPLING TO COUPLING WITH DUCTILE IRON PIPE

NOTE TO ENGINEER

ANY WORK DONE WITHIN BLM GRANT N-61329 WILL REQUIRED AN AMENDMENT TO BLM GRANT. FOR ANY ASSISTANCE CONTACT LVVWD RIGHT OF WAY TEAM AT 702-691-5245.

CONSTRUCTION NOTES

1. REMOVE CAP AND BLOW OFF & CONNECT TO EXISTING MAIN (UDACS PLT. 36)
2. 8" 90° WATERLINE BEND (UDACS PLT. 31)
3. 8" X 8" WATERLINE TEE (UDACS PLT. 31)
4. 3/4" WATER SERVICE W/ 3/4" METER (UDACS PLT. 2)
5. 4" SEWER LATERAL WITH MARKER BALL & CURB MARKING (DCSWCS SD-22)
6. 48" MANHOLE, BASE PRECAST, GRADE RING COLLAR & LID PER DCSWCS STANDARDS
7. FIRE HYDRANT ASSEMBLY W/ 6" GATE VALVE (UDACS PLT. 40) - PUBLIC
8. 8" GATE VALVE (UDACS PLT. 30 & 39)
9. 8" 45° WATERLINE BEND (UDACS PLT. 31)
10. INSTALL 2" BLOW-OFF ASSEMBLY (UDACS PLT. 36)
11. 1" IRRIGATION METER W/ 1" RPPA (UDACS PLT. 4 & 8)
12. (4) 4" PVC CONDUITS
13. 8" X 6" WATERLINE TEE (UDACS PLT. 31)
14. INSTALL 12" X 8" TAPPING SLEEVE W/ 8" TAPPING VALVE (UDACS SECTION 2.24.01 (B), & PLT 34 & 39)
15. EXISTING WATER VALVES TO BE ADJUSTED TO GRADE (UDACS PLT 39)
16. 12" GATE VALVE (UDACS PLT. 30 & 39)
17. 12" X 8" WATERLINE TEE (UDACS PLT. 31)
18. 12" X 8" WATERLINE REDUCER (UDACS PLT. 30)
19. INSTALL 8" X 8" TAPPING SLEEVE W/ 8" TAPPING VALVE (UDACS SECTION 2.24.01(A)) & PLATES 34 & 39)
20. 12" X 12" WATERLINE TEE (UDACS PLT. 31)
21. CONTRACTOR TO REMOVE 90° BEND AND CONNECT NEW 8" WL TO NEW 45° BEND
22. REMOVE EXISTING GATE VALVE AND INSTALL 8" BLIND FLANGE
23. SAWCUT & MATCH EXISTING AC PAVEMENT PER CCAUSD #500.3, 500.5 & 503
24. REMOVE EXISTING BLOW OFF VALVE AND INSTALL 12" 45° BEND (UDACS PLT. 31)
25. INSTALL 12" 45° WATERLINE BEND (UDACS PLT. 31)
26. CUT AND CAP LATERAL AND ABANDON VALVE PER NOTES ON THIS SHEET
27. INSTALL 4" C-900 WATER QUALITY SEWER LATERAL WITH MARKER BALL & CURB MARKING (DCSWCS SD-22)

APPROVAL BLOCK

[signature] 05/09/13
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER DATE
(PROJ # 117546) LVVWD APPROVED FIRE FLOW 2,000 GPM AT 20 PSI RESIDUAL

CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT REVIEW
ACCEPTANCE OF PLANS FOR FILING

BY ______________________ DATE
CLARK COUNTY
DEPARTMENT OF DEVELOPMENT SERVICES

ACCEPTANCE OF THESE PLANS FOR FILING SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS AND/OR SPECIFICATIONS. CLARK COUNTY SHALL BE HELD FREE FROM DAMAGES WHICH MAY RESULT FROM THE CONSTRUCTION OF THE IMPROVEMENTS FROM THE ENGINEERING DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.

H# 47818

NOTE

REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS OR PAVEMENT MARKINGS), UNDER CLARK COUNTY JURISDICTION, THAT ARE DISTURBED, DESTROYED, MOVED OR MODIFIED BY TRENCHING ACTIVITY TO CLARK COUNTY SATISFACTION, ALL MATERIAL USED SHALL MEET CLARK COUNTY'S SPECIFICATION, OR WILL BE APPROVED EQUIVALENT

ABANDONMENT NOTE

ALL VALVES TO BE ABANDONED SHALL BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF THE TOP TWENTY-FOUR (24) INCHES OF THE VALVE BOX AND THEN FILLING THE BOTTOM OF THE BOX WITH A MINIMUM OF EIGHT (8) INCHES OF SAND OR TYPE II AGGREGATE BASE. THE REMAINING PORTION OF THE VALVE BOX SHALL BE FILLED WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST TWO THOUSAND (2,000) PSI.

GRADING NOTES

COMPLETION OF SECTION II OF DRAINAGE COMPLIANCE REPORT REQUIRED.

ADD 2600 FEET TO ALL GRADE TAGS TO GET ACTUAL ELEVATION.

THE ELEVATION DIFFERENCE BETWEEN THE PAD AND FINISH FLOOR IS DETERMINED FROM THE MINIMUM THICKNESS REQUIRED PER THE GEOTECHNICAL REPORT. FINISH FLOORS MAY INCREASE DEPENDING ON THE TYPE OF SOIL AND FOUNDATION PLAN USED. NOTE THAT THE STRUCTURAL PLANS & GEOTECHNICAL REPORT SHALL SUPERSEDE THE CIVIL IMPROVEMENT PLANS.

ALL PRIVATE STREETS AND DRAINAGE EASEMENTS ARE TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION (H.O.A.).

ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENTS HAVE BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO CLARK COUNTY.

CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

GEOTECHNICAL

AMERICAN SOILS ENGINEERING, LLC
6000 S. EASTERN AVE, STE 6-B
LAS VEGAS, NEVADA 89119

REPORT NO: 1561-GEO
DATE: 04/03/2012

ADDENDUM NO: 1547-ADDENDUM
DATE: 05/08/2012

UTILITY DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND 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 LOCATIONS.
CALL BEFORE YOU DIG: 1-800-227-2600
CALL BEFORE YOU OVERHEAD: 1-702-227-2929

SCALE

30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

LEGAL DESCRIPTION

PARCEL 7:
A PORTION OF LOT 4 A SHOWN AT PAGE 52 IN FILE 22 OF PARCEL MAPS ON FILE IN THE CLARK COUNTY, NEVADA RECORDER.S OFFICE AND A SHOWN ON THAT RECORD OF SURVEY FOR BOUNDARY LINE ADJUSTMENT AT PAGE 25 IN FILE 161 OF SURVEYS, ON FILE IN THE CLARK COUNTY, NEVADA RECORDER.S OFFICE. LYING WITHIN THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER (SW ¼) OF THE SOUTHWEST QUARTER (SW ¼) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA

HIGH-PRESSURE GAS NOTE

CAUTION: HIGH-PRESSURE GAS!
CALL SOUTHWEST GAS AT 365-2296 FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES.
ALL HIGH-PRESSURE GAS CROSSING MUST BE POTHOLED.

BASIS OF BEARINGS

NORTH 89°48'21" EAST

BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 30, T. 19 S., R. 60 E., M.D.M., CLARK COUNTY, NEVADA, ALSO BEING CENTERLINE OF ANN ROAD AS SHOWN UPON PARCEL MAP FILE 97, PAGE 85, CLARK COUNTY, NEVADA OFFICIAL RECORDS.

BENCHMARK

CITY OF LAS VEGAS BM NO. 8LV90 30SSW6 - CITY OF LAS VEGAS PIN AND ROUND PLATE IN CONCRETE PAD, NORTHWEST CORNER OF ANN RD AND CONQUISTADOR ST., +/-30' WEST OF CONQUISTADOR ST.

817.475 METERS (NAVD 88) 2681.99 FEET

NO.	DESCRIPTION	SHTS.	APPR.	DATE
	REVISIONS			

D.R. HORTON
330 CAROUSEL PKWY
HENDERSON, NV 89014
(702) 635-3600 FAX: (800) 909-4601

TANEY ENGINEERING
6030 S. JONES BLVD STE# 100
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-5233

ANN & HUALAPAI
A RESIDENTIAL SUBDIVISION

GRAND CANYON DRIVE STA: 10+00 TO 17+00
PLAN AND PROFILE

ROBERT D. CUNNINGHAM
Exp. 12-31-14
CIVIL
No. 15726
4/22/13
ENGINEER'S SEAL

DATE: 4/22/2013
SCALE: 1"=30'
JOB NO: DRH-12-030
DESIGNED BY: SF
CHECKED BY: RDC
SHEET NAME: PP13
SHEET: 20 OF 31
307V1064
HTE#12-48968
CC (CLV SEWER)

FILE NAME: 08 PP1.DWG