DISCLAIMER NOTE:

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS 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 CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call 811 OR 1-800-227-2600

FAST Call before you UnderGround 1-702-432-5300
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 6LV99 24SES
A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF CENTENNIAL PARKWAY AND HUALAPAI WAY.

ELEVATION=844.924 METERS (NAVD'88)
ELEVATION=2772.06 US SURVEY FEET (NAVD'88)

BASIS OF BEARINGS

SOUTH 89°47'00" EAST BEING THE BEARING OF THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN BY MAP THEREOF ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 89, PAGE 3 OF SURVEYS.

SEWER CONSTRUCTION NOTES

21 INSTALL 48" STANDARD MANHOLE (PER DCSWCS STD. No. SD-1A, SD-4, SD-5 & SD-6)

22 INSTALL 8" SEWER CAP AND 1 CU-FT THRUST BLOCK @ CAP

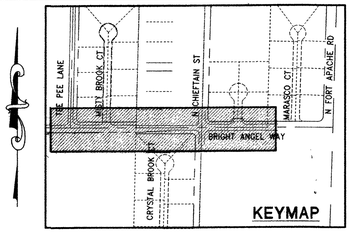
23 CORE INTO EXISTING MH BASE CONTRACTOR MAY CORE INTO EXISTING MANHOLE BASE ONLY IF RESULTING FLOW CHANNELS MEET ALL REQUIREMENTS OF THE DESIGN STANDARDS AS DETERMINED BY THE CITY OF LAS VEGAS INSPECTOR. OTHERWISE MANHOLE BASE WILL NEED TO BE REPLACED.

NOTES:

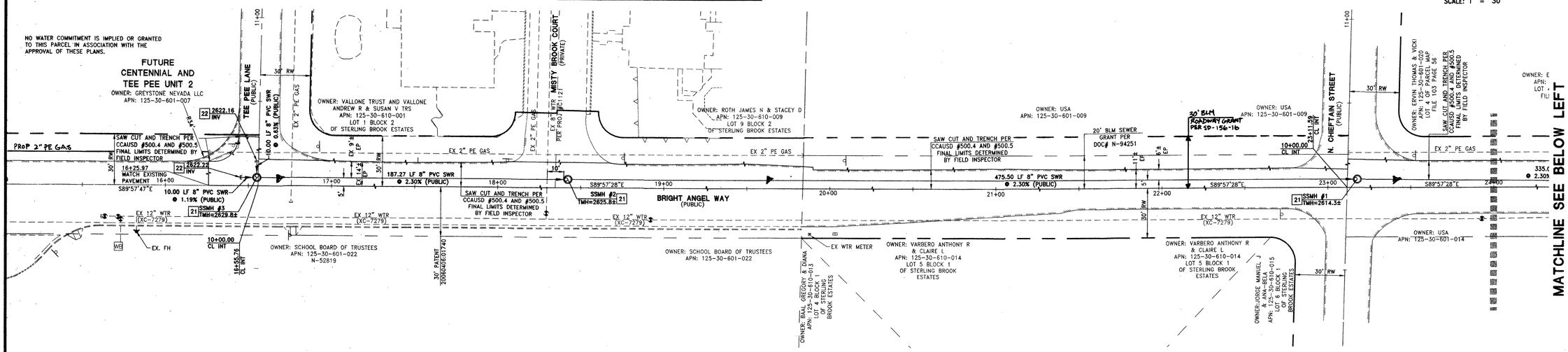
1. ALL SEWER/STORM DRAINS CROSSING WATERLINES MUST CONFORM TO SECTION 2.22 OF UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSING AND CLEARANCES.

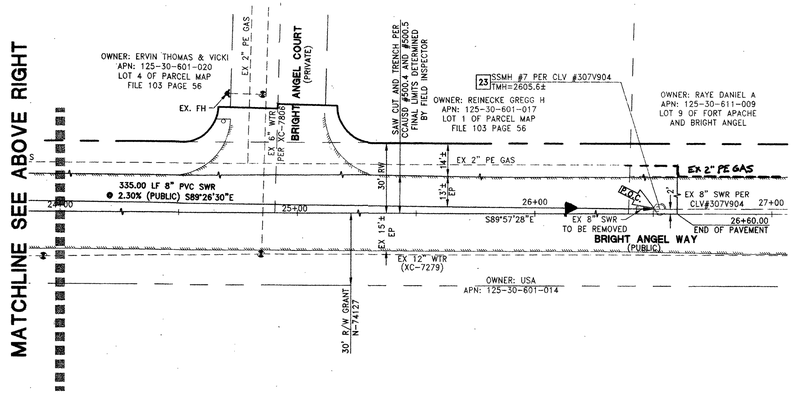
EXISTING UTILITY NOTE:

1. EXISTING UTILITIES AS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR TO FIELD VERIFY BOTH VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ENGINEER ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITIES SHOWN INCORRECTLY OR OTHERWISE NOT SHOWN.



30' 15' 0' 30' 60'
SCALE: 1" = 30'





8/19/16

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 10/27/15 PROJECT# 123716

CLARK COUNTY FIRE DEPARTMENT APPROVAL

BY: DATE 10-20-15

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR ANY APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS.

APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LVVWD. L#58479 307V1113

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

REV	DESCRIPTION	BY	APPD	DATE

DATE: October 14, 2015
HORIZ. SCALE: 1"=30'
VERT. SCALE: N/A
DRAWN BY: CR
DESIGNED BY: CRZ
CHECKED BY: CRZ
APPROVED BY: 30.40.0038
PROJECT #:

LENNAR®
2490 PASEO VERDE PARKWAY SUITE 120 HENDERSON, NV 89074
PHONE: (702) 736-5100 FAX: (702) 736-5200

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

OFFSITE IMPROVEMENT PLANS FOR
CENTENNIAL AND TEEPEE
BRIGHT ANGEL WAY OFFSITE SEWER FACILITIES
UTILITY PLAN
CLARK COUNTY NEVADA

PROFESSIONAL ENGINEER CHRISTOPHER R. ZRINYI Exp. 6/30/2016 CIVIL No. 13976 NEVADA
10-14-15

DRAWING
U-1
SHT 3 OF 5
HTE NUMBER
15-18109

Q:\3040_LENR\0038_Centennial and Tee Pee_CIVIL_IPS\OFFSITE_BRIGHT ANGEL\5003_001.dwg dbarry 10/14/15 9:41am

SEWER ABBUILTS - NO LATERALS
MAIN ONLY - SEWER