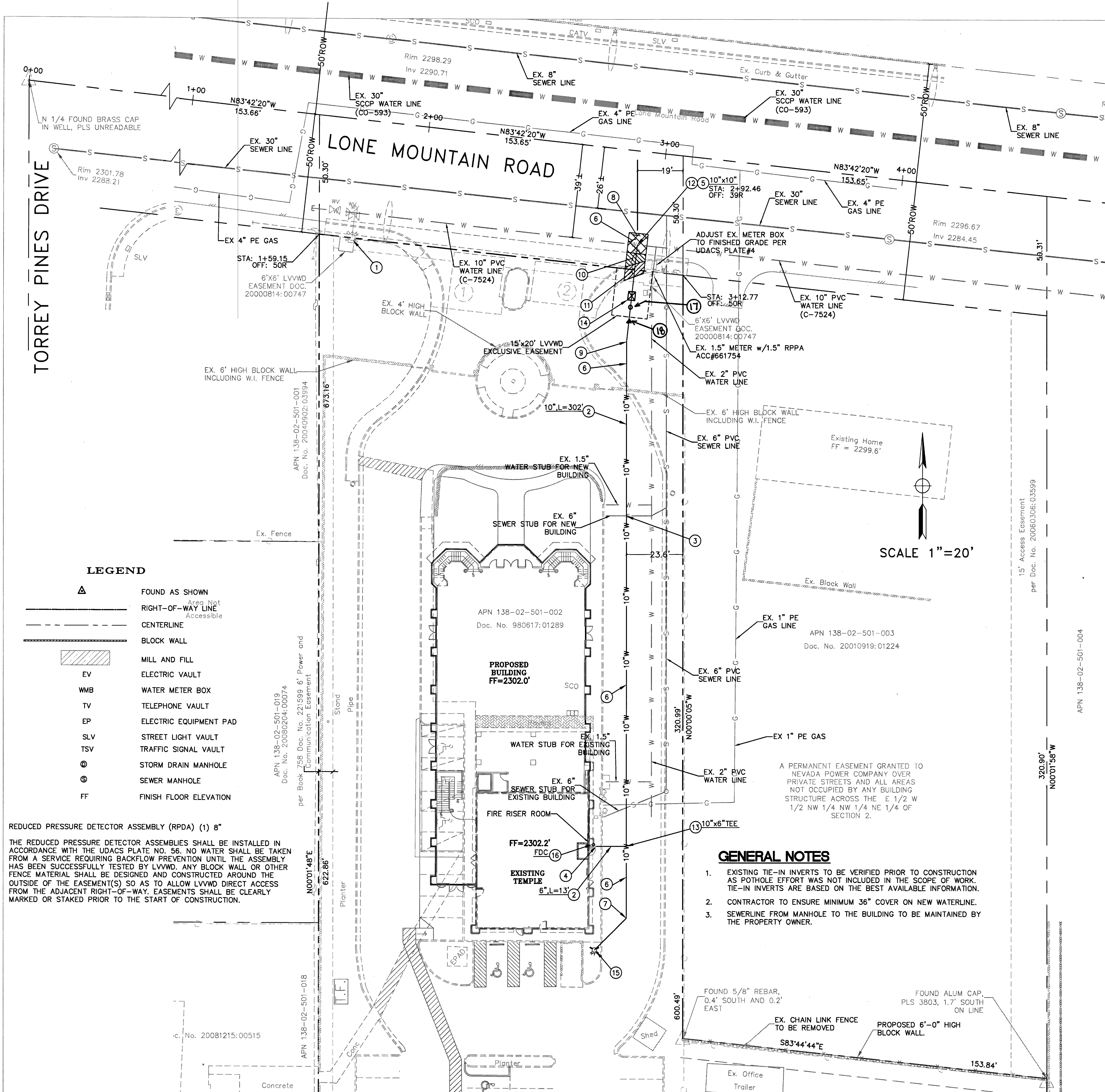
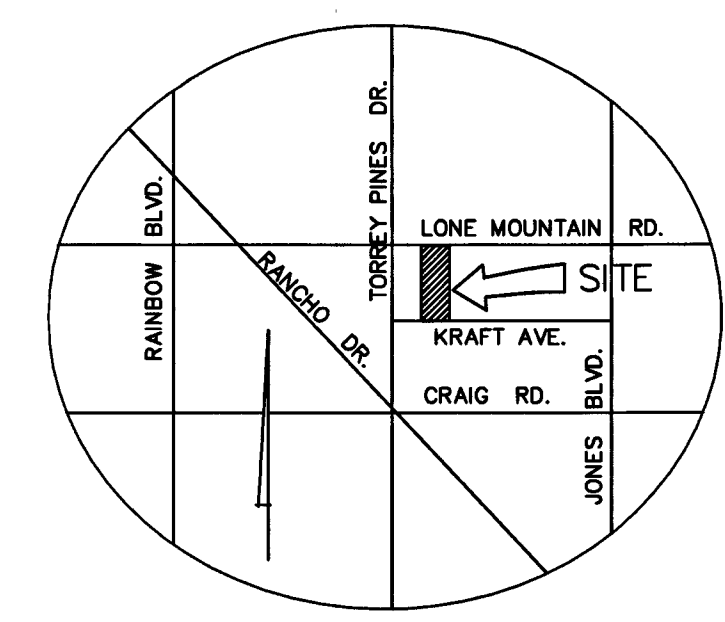




APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER,
Date 06/02/16 Project No. 124052
LVVWD Approved Fire Flow 1,875 GPM at 20 PSI Residual



VICINITY MAP
N.T.S.

CONSTRUCTION NOTES

- EXISTING FIRE HYDRANT, PROTECT IN PLACE. ADJUST TO FINISHED GRADE.
- INSTALL PVC CLASS 150 C-900 PIPE. LENGTH AND SIZE PER PLAN.
- CONTRACTOR TO PROVIDE 18" VERTICAL SEPARATION BETWEEN WATER AND SEWER PIPES PER UDACS STANDARD DETAIL PLATE # 21. (PRIVATE)
- CAP WATER LINE. CONTRACTOR SHALL MARK STUB OUT LOCATION WITH WOODEN 2"x4" PAINTED BLUE.
- INSTALL 10"x8" TAPPING SLEEVE AND 8" TAPPING VALVE PER UDACS PLATE #34. CONTRACTOR TO VERIFY LOCATION AND DEPTH PRIOR TO CONSTRUCTION. CONTACT ENGINEER IF A DISCREPANCY IS FOUND.
- TRENCH BACKFILL & AC PAVEMENT RESTORATION PER CCAUSD #503 & 500.5.
- INSTALL 10", 45' BEND. (PRIVATE)
- REPLACE PAVEMENT MARKINGS DAMAGED DUE TO CONSTRUCTION.
- INSTALL 10", 11.25' BEND. (PRIVATE)
- REMOVE AND REPLACE L-TYPE CURB & GUTTER PER CCAUSD #216.
- REMOVE AND REPLACE EX. SIDEWALK PER CCAUSD # 234 MINIMUM TWO PANELS (10 FT)
- INSTALL THRUST BLOCK PER UDACS STANDARD DETAIL PLATE # 31 & 32.
- INSTALL TEE. SIZE PER PLAN. (PRIVATE)
- INSTALL 8" RPDA PER UDACS PLATE # 56.
- INSTALL FIRE HYDRANT PER UDACS STANDARD DETAIL PLATE # 40.(PRIVATE)
- INSTALL FIRE DEPARTMENT CONNECTION.
- INSTALL 8" GATE VALVE PER UDACS PLATES #30 & 39
- INSTALL 10"x8" REDUCER

BASIS OF BEARING:

N83°42'20"W BEING THE NORTH LINE OF THE NW 1/4 NE 1/4 OF SECTION 2, TOWNSHIP 20 SOUTH, RANGE 60 EAST M.D.M. AS PER KRAFT COURT SUBDIVISION BOOK 113 PAGE 19 OF PLATS, CLARK COUNTY, NEVADA RECORDS.

BENCHMARK:

BM NO. 0LV903554
ELEVATION = 701.3985(M) 2301.17' RIVET AND PLATE IN T/C 60' NORTH, OF LONE MT. ON THE EAST CURB OF TERRY PINES. NAVD '88

LEGAL DESCRIPTION:

A PORTION OF THE NW 1/4 NE 1/4 OF SECTION 02, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M. APN 138-02-501-002 AND 014

FIRE FLOW CALCULATIONS:

FIRE FLOW REQUIREMENTS IS 1,875 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE.

BASED ON:	
EXISTING BUILDING FLOOR AREA	3,882 SQFT
NEW BUILDING FLOOR AREA	15,772 SQFT
TOTAL BUILDING COMBINED AREA	19,654 SQFT
BUILDING HEIGHT	60'
NUMBER OF STORIES	3 FLOORS
TYPE OF CONSTRUCTION	VB
OCCUPANCY	A-3
FULL AUTOMATIC FIRE SPRINKLER SYSTEM	YES

APPROVED FOR CONSTRUCTION

BY *K. M. H.* Date 5/25/16
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR CLARK COUNTY LAWS. FIRE FLOW 1,500 GPM AT 20 P.S.I. RESIDUAL

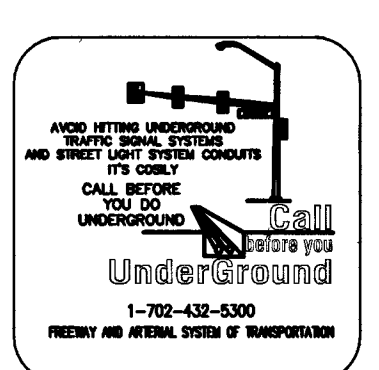
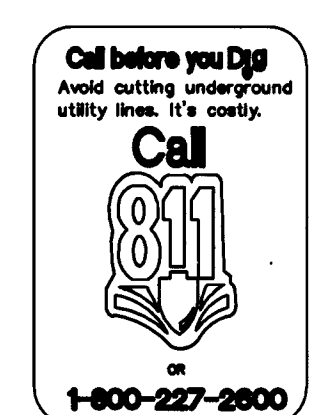
FIRE SPRINKLERS NOTES:

*BASED ON THE COMBINED LARGEST FLOOR AREA (EXISTING + PROPOSED) AND CONSTRUCTION TYPE YB, 3,750 GPM IS REQUIRED BUT THIS FIRE FLOW IS REDUCED TO 1,875 GPM SINCE THE BUILDING IS USING A SPRINKLER SYSTEM.

GENERAL NOTES

- EXISTING TIE-IN INVERTS TO BE VERIFIED PRIOR TO CONSTRUCTION AS POT HOLE EFFORT WAS NOT INCLUDED IN THE SCOPE OF WORK. TIE-IN INVERTS ARE BASED ON THE BEST AVAILABLE INFORMATION.
- CONTRACTOR TO ENSURE MINIMUM 36" COVER ON NEW WATERLINE.
- SEWERLINE FROM MANHOLE TO THE BUILDING TO BE MAINTAINED BY THE PROPERTY OWNER.

A PERMANENT EASEMENT GRANTED TO NEVADA POWER COMPANY OVER PRIVATE STREETS AND ALL AREAS NOT OCCUPIED BY ANY BUILDING STRUCTURE ACROSS THE E 1/2 W 1/2 NW 1/4 NW 1/4 NE 1/4 OF SECTION 2.



WATER AND SEWER PLAN

PROJECT - GURUDWARA BABA DEEP SINGH JI
6341 W. LONE MOUNTAIN
LAS VEGAS, NEVADA 89130

DATE: 4-18-16
JOB:
DWG BY: JS
CHK BY: JS

C5

ACE Design LLC

6283 Dean Martin Drive, Suite B
LAS VEGAS, NEVADA 89118
Phone: (702) 396-5114, Fax: (702) 446-8155

Land Planning • Civil Engineering • Architectural Design • Structural Engineering

PROJ.#: 124052 AGR#: 115862 QS-138-02-NE

107V6664 H# 62055