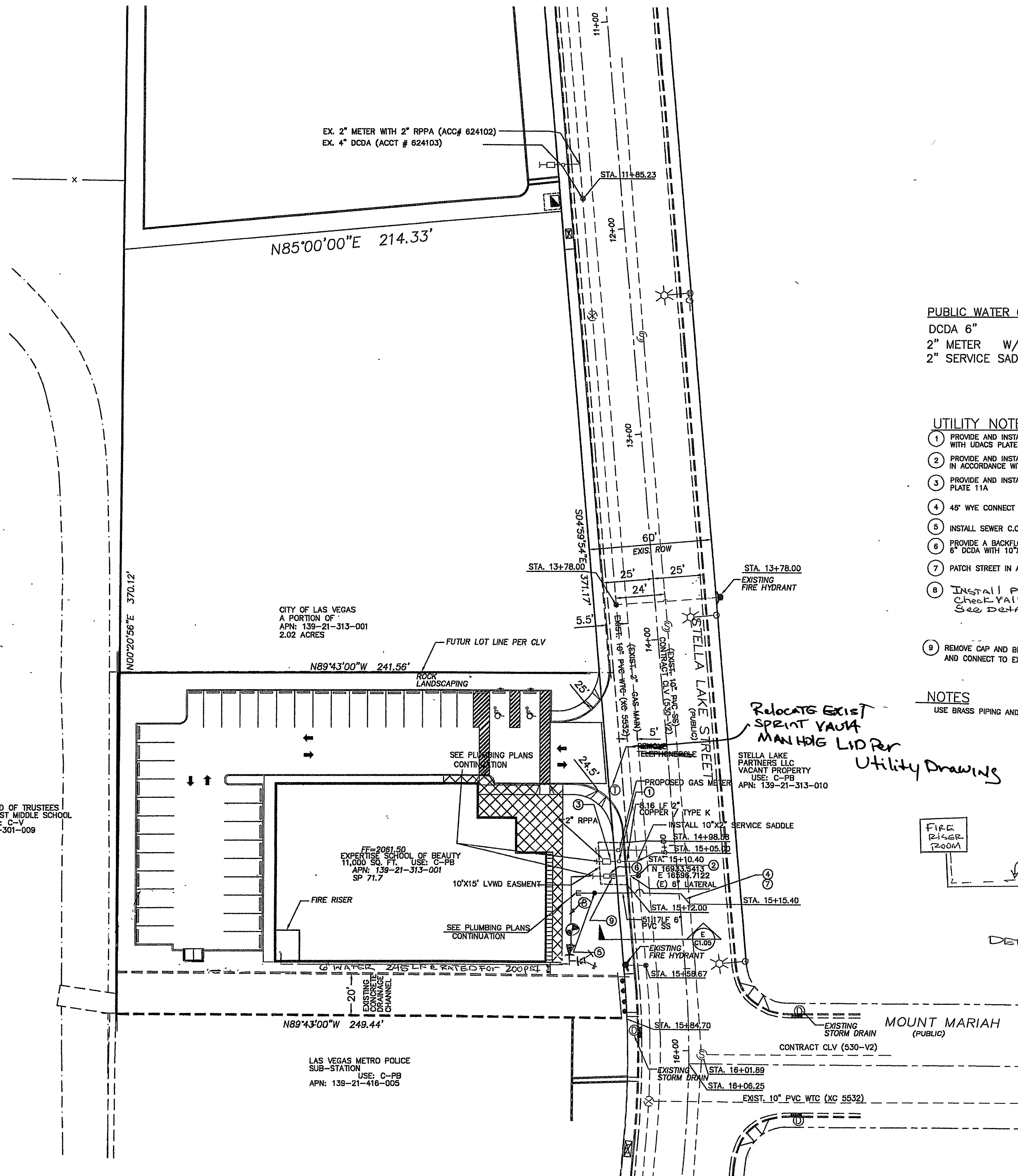


SCHOOL BOARD OF TRUSTEES
CHARLES I. WEST MIDDLE SCHOOL
USE: C-V
APN: 139-21-301-009



PUBLIC WATER QUANTITIES

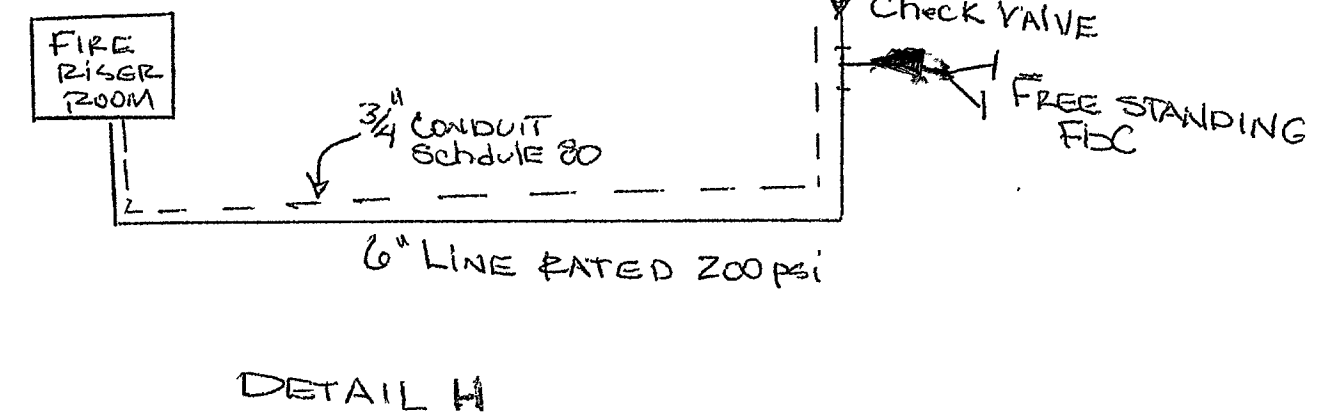
DCDA 6" 1 EA.
2" METER W/UDACS PLATE NO. 1D 1 EA.
2" SERVICE SADDLE, 2" TYP"K" COPPER 2" RPPA 8.16 LF

UTILITY NOTES

1. PROVIDE AND INSTALL 2" METER WITH BOX IN ACCORDANCE WITH UDACS PLATE NO. 1C
2. PROVIDE AND INSTALL 10"x2" SERVICE SADDLE & CORP STOP IN ACCORDANCE WITH UDACS PLATE NO. 1D
3. PROVIDE AND INSTALL 2" RPPA IN ACCORDANCE WITH UDACS PLATE 11A
4. 45° WYE CONNECT TO EXISTING 10" SEWER
5. INSTALL SEWER C.O. PER DCSNCS
6. PROVIDE A BACKFLOW PREVENTER PER UDACS 11A
7. PATCH STREET IN ACCORDANCE WITH USD 503
8. INSTALL PIV WITH TAMPER SWITCH CHECK VALVE WITH FREE STANDING FDC. LINE TO BE RATED FOR 200 PSI. SEE DETAIL H THIS PAGE
9. REMOVE CAP AND BLOW OFF PER UDACS PLT NO. 11A, NOTE 1, AND CONNECT TO EXISTING MAIN.

NOTES

USE BRASS PIPING AND FITTING FROM METER TO RPPA.

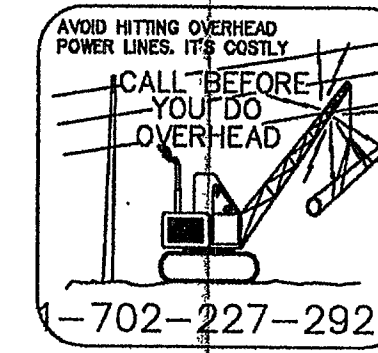
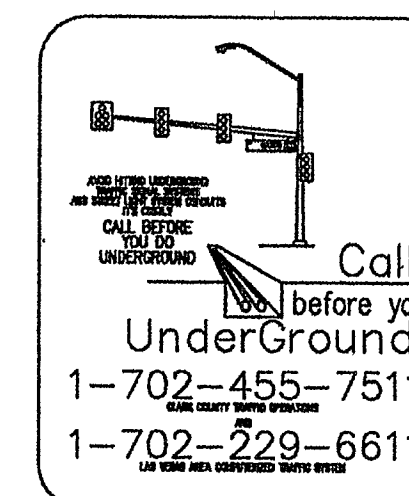


FIRE FLOW CALCULATIONS	
FIRE FLOW REQUIREMENTS IS	1500 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE.
BASED ON:	
SQUARE FOOTAGE:	11,000 SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR	
AREA SEPARATION WALLS:	5,000 S.F. SQUARE FEET
BUILDING HEIGHT:	21.64 +/- FEET
NUMBER OF STORIES:	1 FLOORS
TYPE OF CONSTRUCTION:	V-N 2B
OCCUPANCY:	VB
FULL AUTOMATIC FIRE SYSTEM:	☒ YES ☐ NO
REVIEWED BY:	DATE: 12/21/07

APPROVED FOR CONSTRUCTION

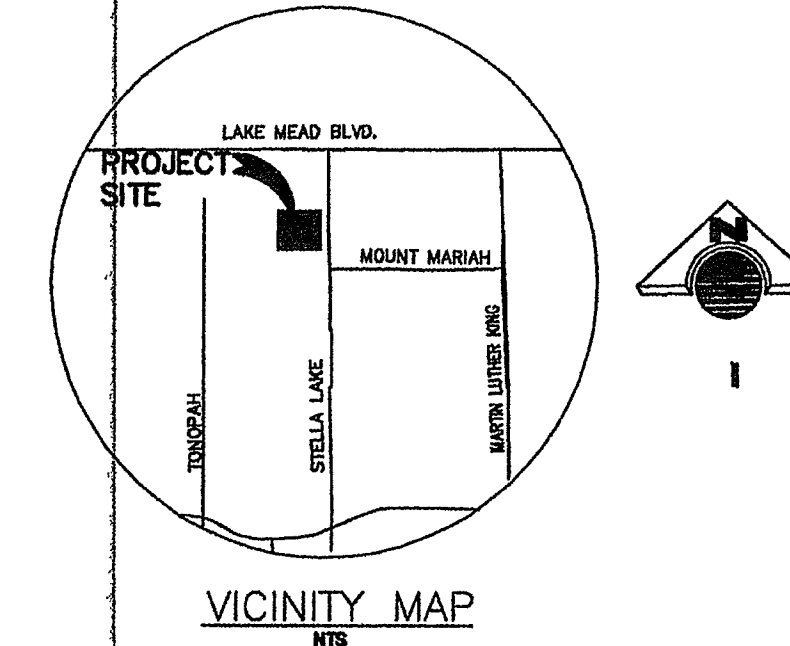
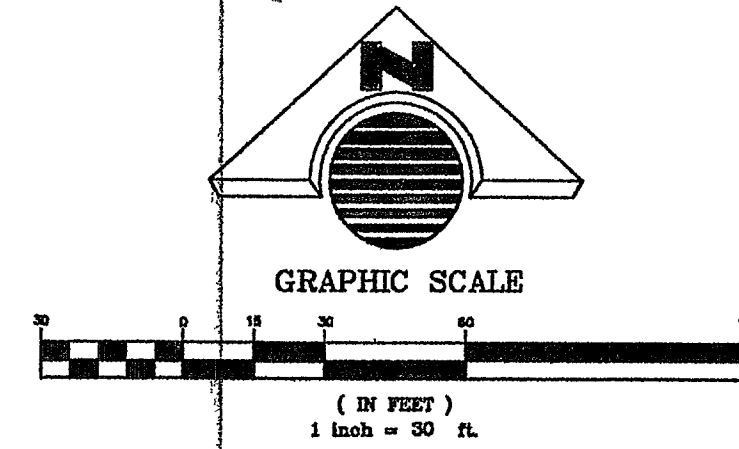
LAS VEGAS VALLEY FIRE DISTRICT
PROJECT # 111844

DATE ESN.018
(SHT'S C1.00, C1.05)



Call Before You Dig.
1-800-227-2600
AVOID DAMAGING UTILITY LINES. IT'S COSTLY

LEGEND		
DESCRIPTION	PROPOSED	EXISTING
ELEVATION	38.50 TC	(38.50) TC
PROPERTY LINE	---	---
CONTOUR LINE	---	---
FENCE	---	---
BLOCK WALL	---	---
WATER	---	---
GAS	---	---
OVERHEAD POWER	---	---
SANITARY SEWER MANHOLE	---	---
STORM DRAIN MANHOLE	---	---
SAWCUT LINE	---	---
SIGN	---	---
STREET LIGHT	---	---
FIRE HYDRANT	---	---
"L" TYPE CURB & GUTTER	---	---
"A" TYPE CURB	---	---
SIDEWALK RAMP	---	---



All Sewer/Storm Drains crossing water lines must conform to Section 2.19 of the Uniform Design and Construction Standards for Potable Water Systems (UDACS) for water and storm main crossings and clearances. ESN.004 REVISED 04/01/04

REDUCED PRESSURE PRINCIPLE ASSEMBLY (1)-2"

Approved Reduced Pressure Principle Assembly(s) shall be installed per the UDACS Plate No. 11A. No water shall be taken from a service requiring backflow prevention until the reduced pressure principle assembly has been successfully tested by the LVFWD.

Any block wall or other fence material shall be designed and constructed around the outside of the easement(s) to allow the District direct access from the adjacent right-of-way.

Easements shall be clearly marked or staked prior to the start of Construction ESN.026 Revised 6/1/04

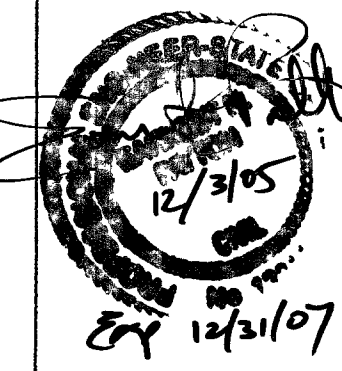
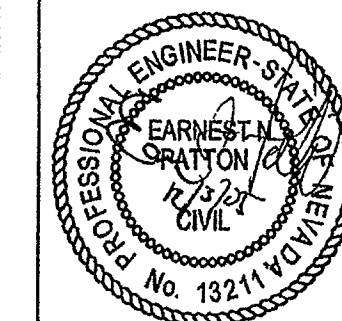
DOUBLE CHECK DETECTOR ASSEMBLY (DCDA) (1)-6"

The Double Check Detector Assemblies shall be installed in accordance with the UDACS Plate No. 11C.

Any block wall or other fence material shall be designed and constructed around the outside of the easement(s) so as to allow the District direct access from the adjacent right-of-way.

Easements shall be clearly marked or staked prior to the start of Construction ESN.006 Revised 6/01/04

UTILITIES SHEET
EXPERTISE BEAUTY SCHOOL
EARNEST PATTON P.E. CIVIL ENGINEER



DWG: BEAUTY SCHOOL
DATE: 11/16/05

JOB NUMBER
012005

SHEET C1.04

103V4511