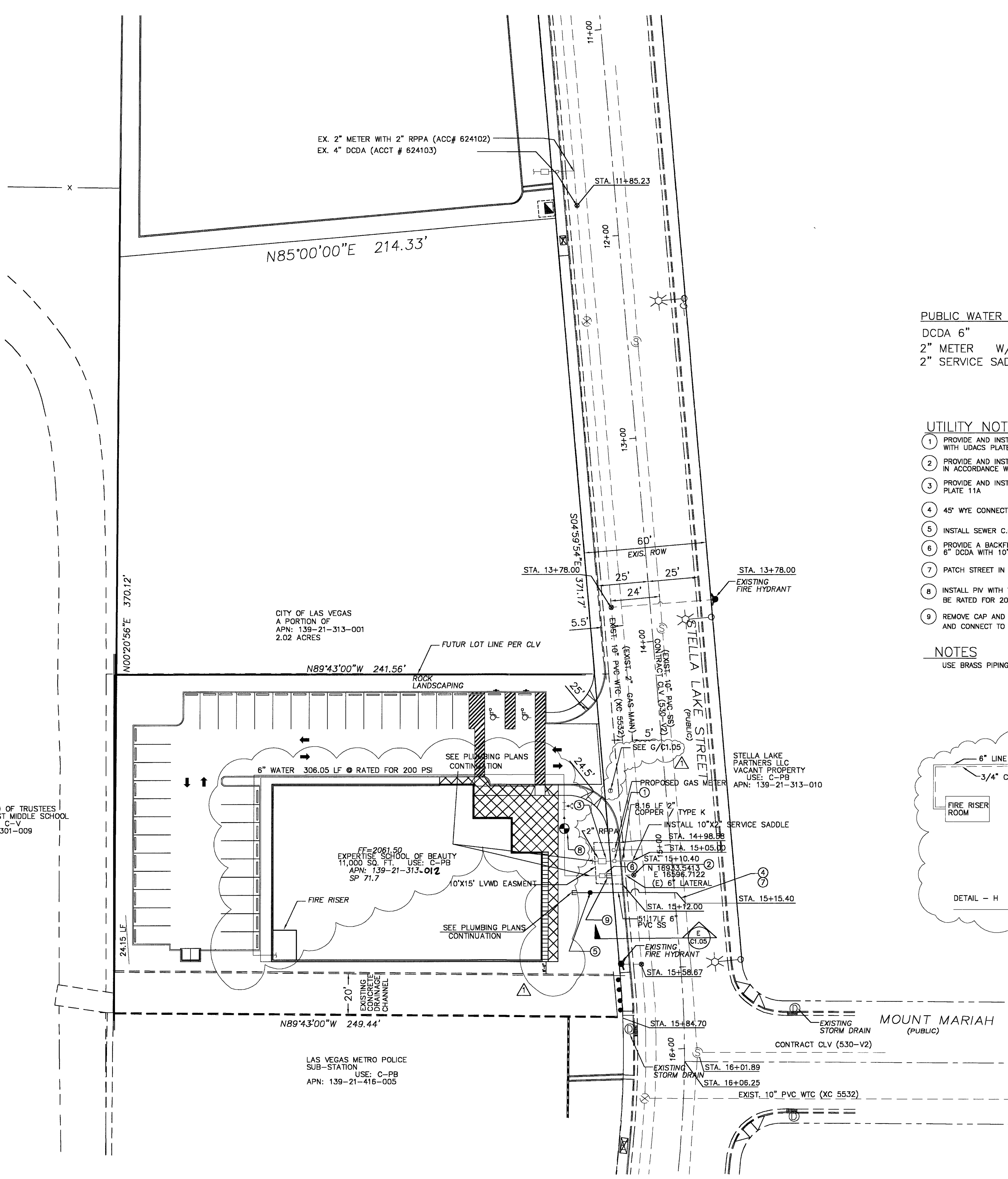
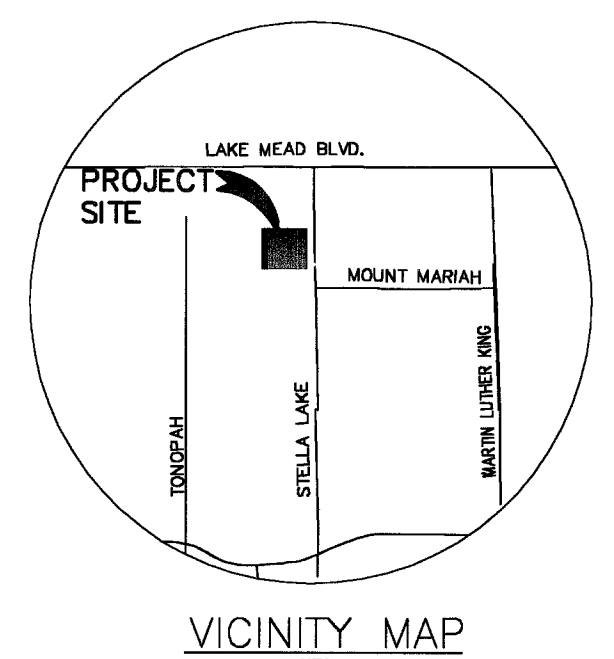
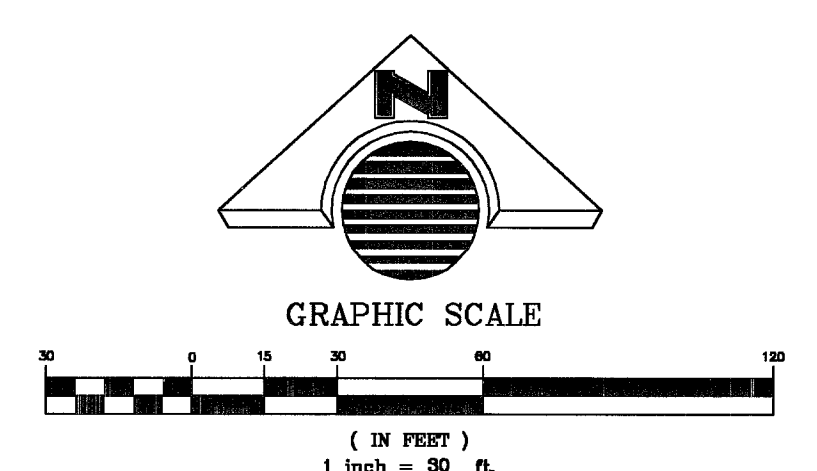




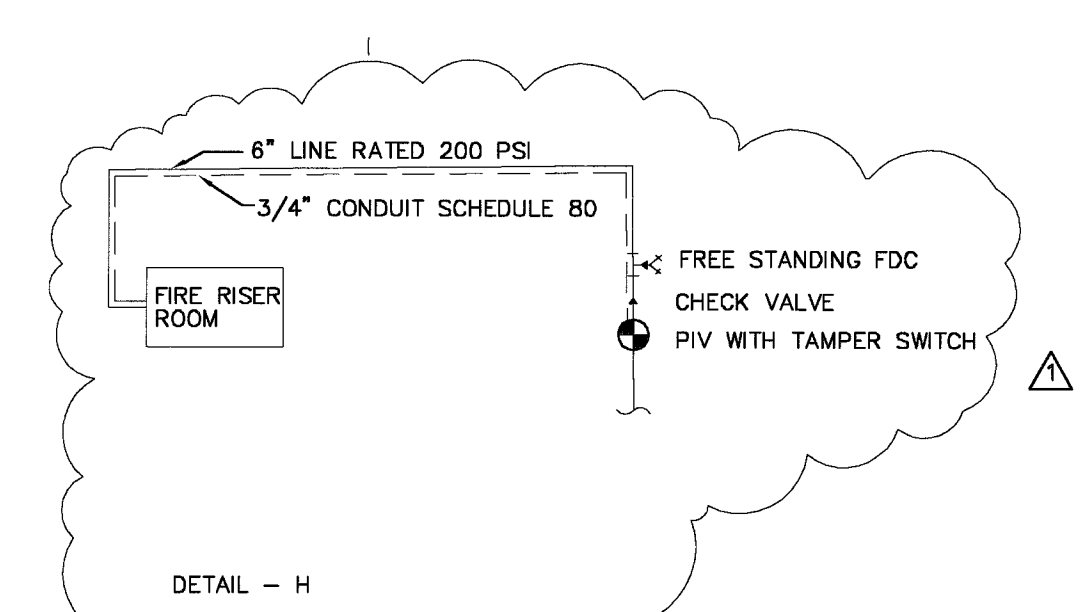
DESCRIPTION	PROPOSED	EXISTING
ELEVATION	38.50 TC	(38.50) TC
PROPERTY LINE	---	---
CONTOUR LINE	---	---
FENCE	---	---
BLOCK WALL	---	---
WATER	---	---
GAS	---	---
OVERHEAD POWER	---	---
SANITARY SEWER MANHOLE	---	---
STORM DRAIN MANHOLE	---	---
SAWCUT LINE	---	---
SIGN	---	---
STREET LIGHT	---	---
FIRE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



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 DCSWCS
 6. PROVIDE A BACKFLOW PREVENTER PER UDACS 11A. 6" DCDA WITH 10"x6" TAPPING SLEEVE AND 6" TAPPING VALVE
 7. PATCH STREET IN ACCORDANCE WITH USD 503
 8. INSTALL PIV WITH TAMPER SWITCH, CHECK VALVE WITH FBC 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.



All Sewer/Storms 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.064 REVISED 06/01/04

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 LVVWD.
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

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:	V8
FULL AUTOMATIC FIRE SYSTEM:	☒ YES ☐ NO
REVIEWED BY:	DATE: 2/15/06
LAS VEGAS FIRE DEPT.	

APPROVED FOR CONSTRUCTION

San I... 2-24-06
LAS VEGAS VALLEY WATER DISTRICT
PROJECT # 111844

Call before you dig
UnderGround
1-702-455-7511
1-702-229-6611

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

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

SCALE (H):	1" = 30'
SCALE (V):	N/A
DRAWN BY:	HMB
SEC 21, T 20 S, R 16 E, M.D.M.	
DATE:	02/06/06
JOB NUMBER:	012005
SHEET:	C1.04

UTILITIES SHEET
EXPERTISE BEAUTY SCHOOL
EARNEST PATTON P.E. CIVIL ENGINEER
CLARK COUNTY
CITY OF LAS VEGAS
NEVADA

Professional Engineer Seal: EARNEST PATTON, CIVIL ENGINEER, No. 13211, State of Nevada, Exp. 12/31/07