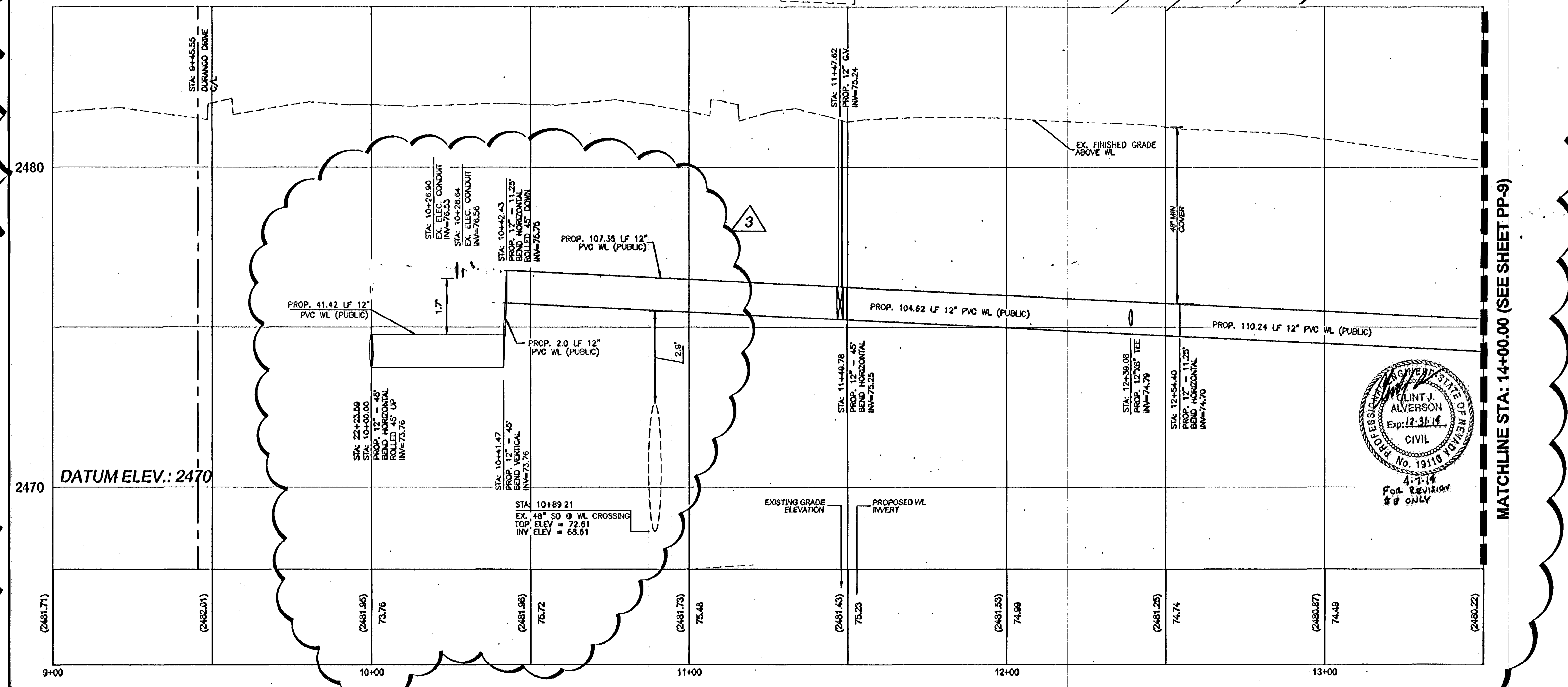
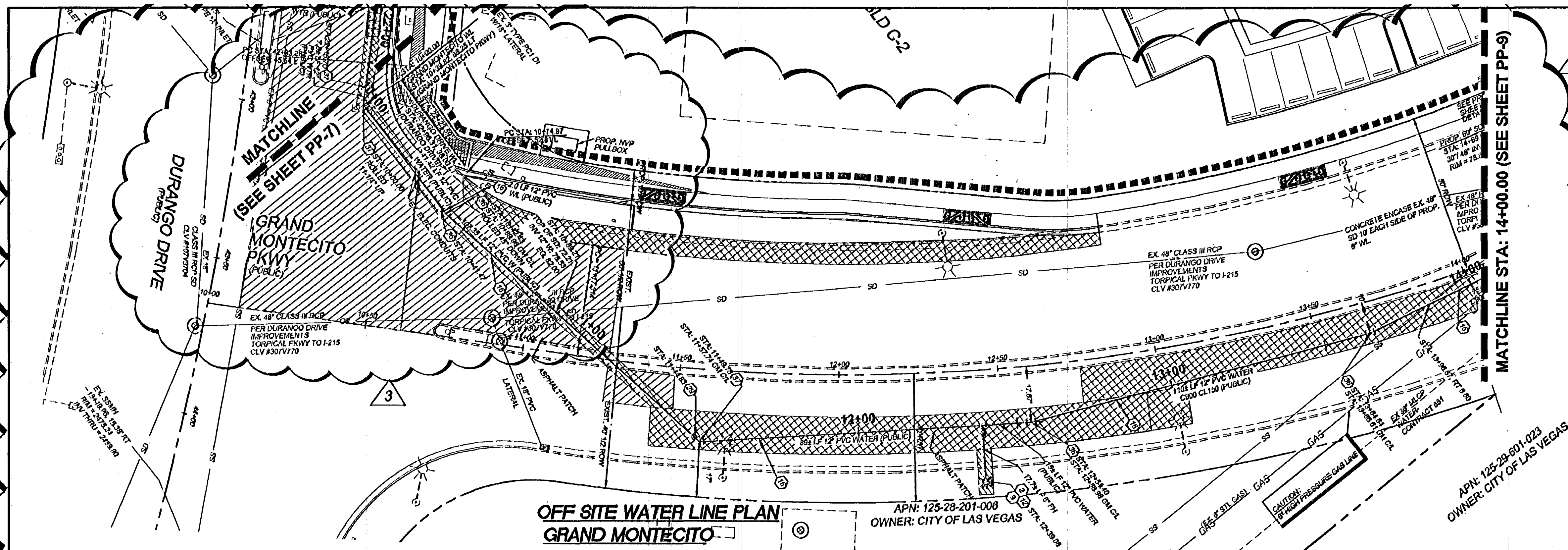




UTILITY LEGEND

EXISTING WATER LINE WSIZE
EXISTING GATE VALVE
PROPOSED WATER LINE WSIZE
PROPOSED WATER LATERAL
PROPOSED HYDRANT
PROPOSED SILENT
EXISTING SEWER LINE WSIZE
EXISTING SEWER MANHOLE
PROPOSED SEWER LATERAL
PROPOSED SEWER LINE WSIZE
PROPOSED SEWER MANHOLE
0' LIP DRIVEWAY OR HANDICAP PARKING
REDUCER
BACKWATER VALVE PER SD 28
APPROXIMATE LOCATION OF CONCRETE DRIVEWAY
2" MILL AND OVERLAY
PAVEMENT PATCH AND REPLACEMENT

(IN FEET)
1 inch = 20 ft.

KEY MAP

WATER NOTES

No.	ITEM	UNIT	PUBLIC QUANTITY
1	INSTALL 8" PVC WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	LF	383
2	INSTALL 8" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	LF	142
3	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
4	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
5	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
6	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
7	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
8	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
9	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
10	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
11	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
12	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
13	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
14	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
15	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
16	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
17	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
18	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
19	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
20	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
21	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
22	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
23	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
24	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
25	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
26	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
27	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
28	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
29	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
30	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
31	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
32	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
33	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
34	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
35	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
36	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
37	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
38	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
39	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
40	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
41	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
42	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
43	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
44	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
45	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
46	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
47	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
48	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
49	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
50	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
51	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
52	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
53	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
54	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
55	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
56	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
57	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
58	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
59	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
60	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
61	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
62	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
63	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
64	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
65	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
66	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
67	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
68	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
69	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2
70	INSTALL 12" WATER LINE (FW), PER UDACS PLATE No. 6A & 6B & 6C	EA	2

Basin of Bearings:

NORTH 89°28'41" EAST, BEING THE NORTH LINE OF THE NORTH EAST QUARTER (NE 1/4) OF THE NORTH EAST QUARTER (NE 1/4) OF SECTION 28, TOWNSHIP 19 SOUTH, RANGE 00 EAST, M.D.M. AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, AS DETERMINED BY PUBLISHED VALUES BY THE NATIONAL GEODETIC SURVEY FOR THE LAS VEGAS VALLEY WATER DISTRICT CONTINUOUSLY OPERATING REFERENCE STATIONS: NVCS (CAPITOL SQUARE), LVWD (MAIN), NVTR (TROPICANA).

BENCHMARK

BLVD 2004: RIVET & PLATE IN CONCRETE PAD (TELEPHONE EQUIPMENT) AT THE NORTHEAST CORNER OF TROPICAL PARKWAY AND EL CAPITAN WAY = 770.541m = 2528.04ft. PROJECT DATUM ADJUSTMENT 2528.04 + 0.40 = 2528.44 PROJECT DATUM

LEGAL DESCRIPTION

A PORTION OF THE NE 1/4 OF THE NE 1/4 OF SECTION 28, TOWNSHIP 19 SOUTH, RANGE 00 EAST, M.D.M.

Call before you Dig.

1-800-227-2600

Call before you Overhead

1-702-227-2929

Call before you UnderGround

1-702-455-7511

GENERAL CONSTRUCTION NOTES:

1. DETECTOR PIPE LOCATOR RIBBON AND LOCATOR BALLS WILL BE INSTALLED IN ACCORDANCE WITH UDACS PLATE 27 OVER ALL WATER MAINS.
2. ENGINEER TO PROVIDE CUT SHEETS AND SURVEY STAKING TO CONTRACTOR AND INSPECTOR FOR FIELD VERIFICATION OF INSTALLATION INVERT.

OFF SITE WATER LINE PROFILE GRAND MONTECITO

SCALE: HORIZONTAL : 1"=20'
VERTICAL : 1"=2'

NOTES:

ALL SEWERS/STORM DRAIN CROSSING WATER LINES MUST CONFORM TO SECTION 2.18 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.

EXISTING GRADE ELEVATION
PROPOSED WL INVERT

NOTE:

ALL SEWERS/STORM DRAIN CROSSING WATER LINES MUST CONFORM TO SECTION 2.18 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.

NOTE:

EXISTING GRADE ELEVATION
PROPOSED WL INVERT

WATER MAIN JOINT DEFLECTION (PVC, 4"-24")

PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,100 FEET. PER UDACS 2.06.6 AND 2.08.02. FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

DISCLAIMER:

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S 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 LOCATION. ALL DISCREPANCIES MUST BE IMMEDIATELY REPORTED TO THE ENGINEER. CALL BEFORE YOU DIG: 1-800-227-2600

APPROVED FOR CONSTRUCTION

(PAID ATTORNEY 10-10-07)

LAS VEGAS VALLEY WATER DISTRICT
PROJECT # 112352

DATE: 2-26-08
ESN 018 REV 0104

VENTURE CORPORATION

CENTENNIAL HILLS PROFESSIONAL CENTER

OFF SITE 12 INCH WATER LINE GRAND MONTECITO PLAN & PROFILE

JOB # 052058.01
SHEET NO. PP-8

48 OF 87 SHEET
CLV # 1074938

Stantec

7251 Main Street, Suite 200, Las Vegas, NV 89101