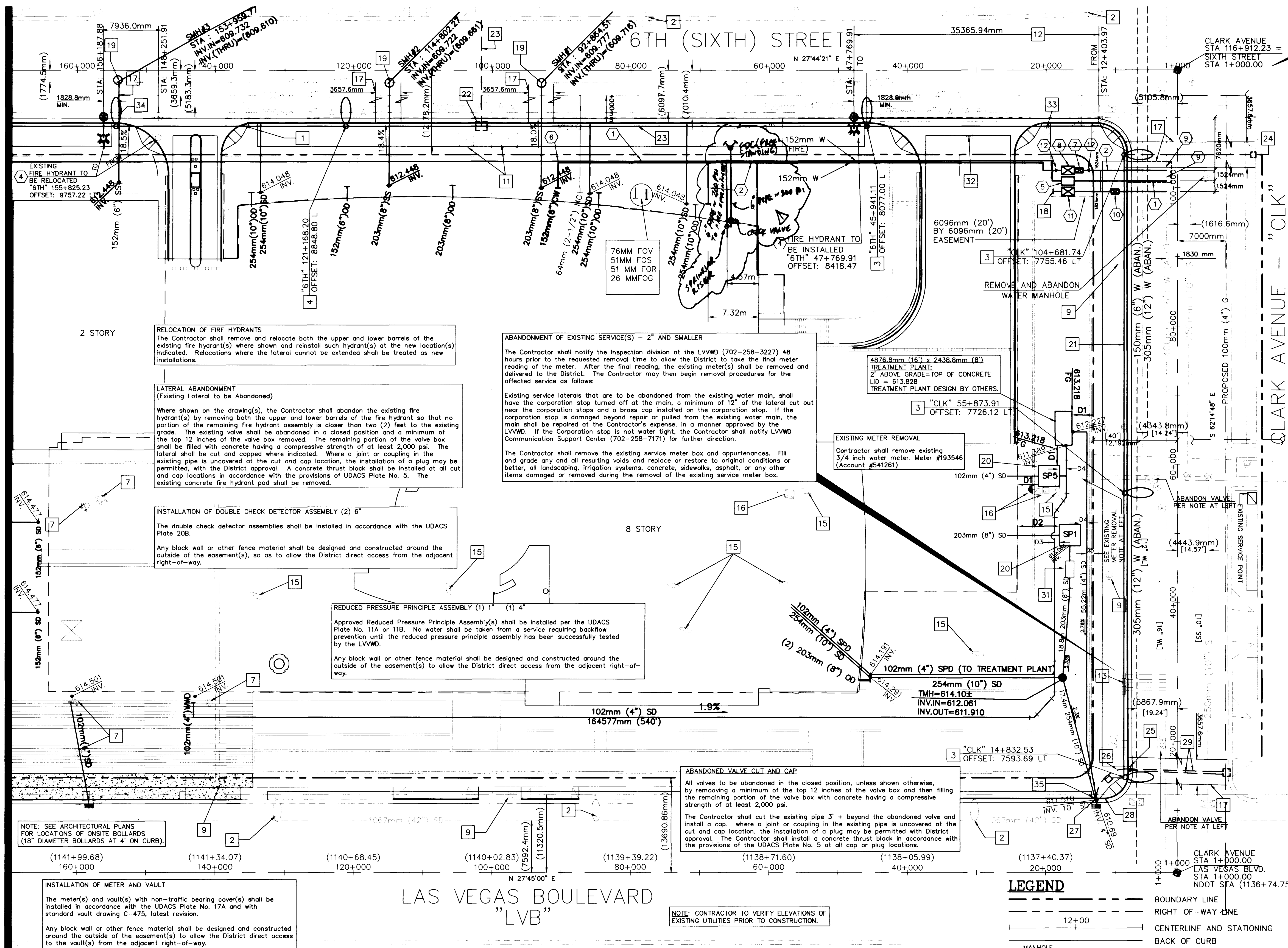


MATCH LINE - SEE SHEET C8



GRAPHIC SCALE
(IN METERS)

1 : 300

CONSTRUCTION NOTES:

- 1 REMOVE AND RELOCATE EXIST. STREETLIGHT, REMOVE EXIST. FOUNDATION.
- 2 EXISTING STREETLIGHT TO REMAIN IN PLACE.
- 3 INSTALL STREETLIGHT STANDARD WITH 250W LUMINAIRE, COMPLETE INCLUDING ALL ASSEMBLIES CCA. #314 AT 457mm BACK OF CURB.
- 4 RELOCATED EXISTING STREETLIGHT AND ASSEMBLIES AT 457mm BACK OF CURB.
- 5 EXISTING DROP INLET.
- 6 EXISTING TRAFFIC AND STREET LIGHT BOXES TO BE FLUSH WITH SIDEWALK RAMP.
- 7 IRRIGATION SPRINKLERS TO BE ABANDONED AND REMOVED.
- 8 ABANDON AND REMOVE IRRIGATION VALVE.
- 9 ELECTRICAL AND/OR TELEPHONE MANHOLE TO BE LOWERED SO MANHOLE IS FLUSH WITH GRADE.
- 10 SAWCUT, REMOVE AND REPLACE A.C. AND MATCH STREET SECTION.
- 11 ADJUST ELECTRICAL VAULTS TO PROPOSED GRADE.
- 12 RELOCATE EXISTING FIRE HYDRANT TO NORTH OF DRIVEWAY.
- 13 ABANDON EIGHT (8) METERS (SIZE UNKNOWN). COORDINATE WITH LAS VEGAS VALLEY WATER DISTRICT FOR REMOVAL.
- 14 RELOCATE PULL BOX AND ADJUST TO GRADE.
- 15 ABANDON AND REMOVE POWER POLE. CONTRACTOR SHALL COORDINATE WITH NEVADA POWER BEFORE REMOVAL.
- 16 ABANDON AND REMOVE ELECTRICAL APPURTENANCES CONTRACTOR TO COORDINATE WITH NEVADA POWER COMPANY BEFORE REMOVAL.
- 17 SAWCUT, REMOVE AND REPLACE A.C. AND MATCH STREET SECTION.
- 18 STUB & CAP 25mm [1"] SERVICE FOR IRRIGATION (SEE IRRIGATION PLAN BY OTHERS).
- 19 SAWCUT EXISTING SEWER AND CONSTRUCT MANHOLE.
- 20 CONSTRUCT SUMP PIT PER SOUTHLAND INDUSTRIES PLUMBING PLANS.
- 21 INSTALL STREET LIGHT CONDUIT PER USSCCA STD. REFER TO USSCCA FOR SIZE.
- 22 LOOP NEW CONDUIT INTO EXISTING PULL BOX.
- 23 LOCATE EXISTING STREET LIGHT CROSSING.
- 24 INSTALL STREET LIGHT CONDUIT STUB INTO EXIST. PULL BOX PULL WIRE. DON'T CONNECT TO EXIST. CIRCUIT.
- 25 INSTALL #5 PULL BOX FOR FUTURE TRAFFIC SIGNAL.
- 26 INSTALL 3" (INCH) CONDUIT FROM TRAFFIC SIGNAL POLE TO #5 PULL BOX.
- 27 INSTALL "H" FOUNDATION WITH XX POLE (20' (FEET)). COORDINATE COLOR OF POLE WITH CITY OF LAS VEGAS.
- 28 INTERCEPT EXIST. STREET LIGHT CONDUIT. INSTALL PULL BOX. RE-PULL WIRE IF EXISTING.
- 29 INSTALL TWO 3" (INCH) CONDUITS AND TIE INTO EXIST. #5 PULL BOX ON SOUTHEAST CORNER OF LAS VEGAS BLVD. AND CLARK.
- 30 STUB STREET LIGHT CONDUIT INTO EXIST. PULL BOX. PULL WIRE TO PULL BOX.
- 31 CONSTRUCT GREASE INTERCEPTOR PER SOUTHLAND INDUSTRIES PLUMBING PLANS.
- 32 RELOCATE ELECTRICAL AND/OR TELEPHONE MANHOLE.
- 33 RELOCATED ELECTRICAL AND/OR TELEPHONE MANHOLE.
- 34 REMOVE STREETLIGHT AND POLE. INSTALL #3 1/2 PULLBOX.
- 35 CONNECT 10" SD AND 4" SD TO EXISTING DROP INLET PRIOR TO REPLACING THE SIDEWALK.

APPROVED FOR CONSTRUCTION

1st Approval 12-18-98

DATE 1-27-99
LAS VEGAS VALLEY WATER DISTRICT

LEGEND

BOUNDARY LINE	RIGHT-OF-WAY LINE
CENTERLINE AND STATIONING	BACK OF CURB
SANITARY SEWER	WATER LINE
EXIST. SANITARY SEWER	FUTURE SANITARY SEWER
EXIST. WATER LINE	FUTURE WATER LINE
STREET LIGHT CONDUIT	FIRE HYDRANT
GATE VALVE	GAS VALVE
REDUCER	METER
REDUCED PRINCIPAL PRESSURE ASSEMBLY	STREETLIGHT
FIRE DEPARTMENT CONNECTION	U.S. EQUIVALENT MEASUREMENT

CONVERSIONS

1 mm = 3.937 in.
1 m = 3.281 ft.
1 in. = 25.4 mm
1 ft. = 304.8 mm

DIMENSIONS

NO.	LENGTH (mm)
D1	3048.00
D2	6096.00
D3	670.13
D4	914.40
D5	925.42

SAFETY ALERT

Call Before You Overhead

Avoid cutting underground utility lines. It's costly.

Call before you Dig

GENERAL NOTES

1. SEE SHEET 13 FOR WATER LINE DETAILS

BASIS OF BEARING

N 27°45'00" E BEING THE CENTERLINE OF LAS VEGAS BOULEVARD AS PER RECORD OF SURVEY FILE 53, PAGE 48 ON FILE AT THE CLARK COUNTY RECORDERS OFFICE, CLARK COUNTY NEVADA.

BENCHMARK

RIVET & PLATE IN TOP OF CURB, NORTHEAST RETURN BONNEVILLE AVENUE AND LAS VEGAS BOULEVARD.
ELEV: 612.3367 METERS (NAVD88 DATUM)

WATER NOTES

- 1 152mm [6"] PVC WATERLINE (C-900 CL 150) (PRIVATE) FOR FIRE PROTECTION
- 2 152mm [6"] PVC DOMESTIC WATER LINE (PRIVATE)
- 3 INSTALL 200mm [8"] x 200mm [8"] x 152mm [6"] TAPPING TEE AND 152mm TAPPING VALVE
- 4 FIRE HYDRANT ASSY., GATE VALVE, TEE AND 152mm [6"] LATERAL PER UDACS PLATE 7
- 5 152mm [6"] DOUBLE CHECK DETECTOR ASSEMBLY PER UDACS PLATE 20B
- 6 POST INDICATOR VALVE PER C.C. FIRE DEPT. REQUIREMENTS
- 7 100mm [4"] SERVICE WITH COMPOUND METER PER UDACS PLATE 18A.
- 8 100mm REDUCED PRESSURE PRINCIPLE ASSEMBLY PER UDACS PLATE 11B
- 9 INSTALL 406mm [16"] x 406mm [16"] x 152mm [6"] TAPPING TEE AND 152mm [6"] TAPPING VALVE
- 10 25mm [1"] SERVICE WITH METER PER UDACS PLATE 1D FOR IRRIGATION
- 11 25mm [1"] REDUCED PRESSURE PRINCIPLE ASSEMBLY PER UDACS PLATE 11A FOR IRRIGATION
- 12 152mm [6"] x 100mm [4"] REDUCER

FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS: 4500 GALLONS PER MIN AT 20psi RESIDUAL PRESSURE.

SQUARE FOOTAGE:	5,832sm (62,775sf)
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	0.56sm (6.0sf)
BUILDING HEIGHT:	58.2 METERS
NUMBER OF STORIES:	2 AND 8 FLOOR(S)
TYPE OF CONSTRUCTION:	II - 1 HOUR
CONSTRUCTION TYPE:	WIDE FLANGE STEEL, CONCRETE & GLASS
ROOF TYPE:	STEEL ON CONCRETE DECK
OCCUPANCY:	X
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	YES

1055 WILSHIRE BOULEVARD
SUITE 1500
LOS ANGELES, CALIFORNIA 90017-2449
(213) 250-1186

LANGDON WILSON ARCHITECTURE PLANNING

1050 East Flamingo Road
Las Vegas, Nevada 89119
Tel No (702) 734-5666
Fax No (702) 735-4949

Kimley-Horn and Associates, Inc.
Engineering, Planning, and Environmental Consultants

UTILITY PLAN #2

FEDERAL BUILDING AND UNITED STATES COURTHOUSE
LAS VEGAS, NEVADA

DRAWN BY: DJM 01/99

DESIGNED BY: DJM 01/99

CHECKED BY: DPL 01/99

PROJECT NO: 002209.00

SCALE: 1" = 300'

SHEET C9
9 OF 13 SHEETS
C.L.V. DRAWING NO. 107-V2952

