

SEWER IMPROVEMENTS

- 50 INSTALL 4" DIA SEWER MANHOLE PER STD DWG SD-1
 51 CONSTRUCT 8" DIA SOLID WALL PVC SEWER LINE (SDR - 35)
 52 CONSTRUCT 6" DIA SOLID WALL PVC SEWER SERVICE LATERAL PER STD DWG SD-17 AND SD-18
 53 INSTALL 4" DIA SEWER DROP MANHOLE PER STD DWG SD-8
 54 INSTALL 5 LF 8" PVC STUB @ 2% MIN AND SEWER PLUG

WATER IMPROVEMENTS

- 55 CONSTRUCT 10" PVC WATER LINE (C-900, CLASS 150)
 56 INSTALL 10" 90 ELBOW W/ THRUST BLOCK PER PLATE 5
 57 INSTALL 10" GATE VALVE PER PLATE 8
 58 INSTALL 10" 10" x 10" TEE W/ THRUST BLOCK PER PLATE NO. 3
 59 INSTALL 2" RPPA PER PLATE 11A

WATER IMPROVEMENTS

- 42 INSTALL FIRE HYDRANT ASSEMBLY PER PLATE 7
 44 INSTALL 2" WATER SERVICE & METER PER PLATE 10 & 11A
 45 INSTALL 4" PVC WATER LINE (C-900, CLASS 150)
 46 REMOVE 8" PLUG AND CONNECT

- 48 INSTALL 6" TEE
 50 INSTALL 2" PVC WATER LINE (C-900, CLASS 150)
 51 INSTALL 1" PVC WATER LINE (C-900, CLASS 150)
 52 INSTALL 1-1/2" PVC WATER LINE (C-900, CLASS 150)
 53 INSTALL 10" DCCA PER PLATE 22B (N/T) PER DCA MOL. 876
 54 INSTALL 10" PLUG WITH THRUST BLOCK

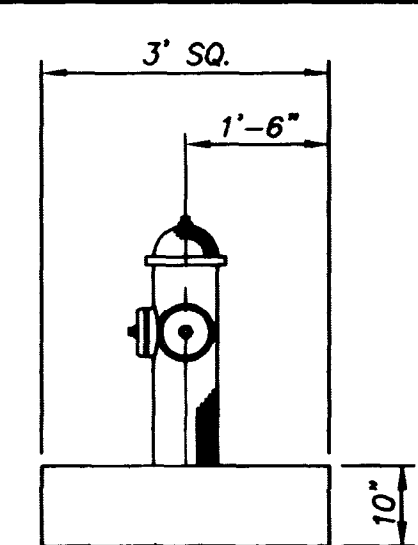
WATER IMPROVEMENTS

- 55 INSTALL 4 90BEND
 56 INSTALL 4" PLUG
 57 INSTALL 4-4" BOLLARDS PER PLATE 23
 58 INSTALL 10"x8" REDUCER
 59 INSTALL 8"x8"x6" TEE
 60 INSTALL 4" x 2" REDUCER
 61 INSTALL 6" GATE VALVE PER PLATE NO. 8
 62 INSTALL 10"x6"x10" TEE

- 64 INSTALL 6" 90° BEND
 65 INSTALL 6" PVC FIRE SPRINKLER WATER LINE
 66 PAINT YELLOW STRIPING PER FIRE CODE OF CLARK COUNTY

TRAFFIC IMPROVEMENTS

- 60 INSTALL NO 7 PULL BOX PER STD DWG 326
 61 INSTALL 3" PVC CONDUIT (WITH PULLSTRINGS) FOR FUTURE TRAFFIC SIGNAL INTERCONNECT
 62 INSTALL 200W HPS STREET LIGHT PER STD DWG 306 AND 307
 63 INSTALL 1-1/4" STREET LIGHT CONDUIT PER STD DWG 501
 64 INSTALL NO 3-1/2 PULL BOX PER STD DWG 326
 65 INSTALL STREET LIGHT SERVICE POINT PER STD DWG 333
 66 INSTALL R8-3A (NO PARKING)
 68 INSTALL R1-1 (STOP SIGN)

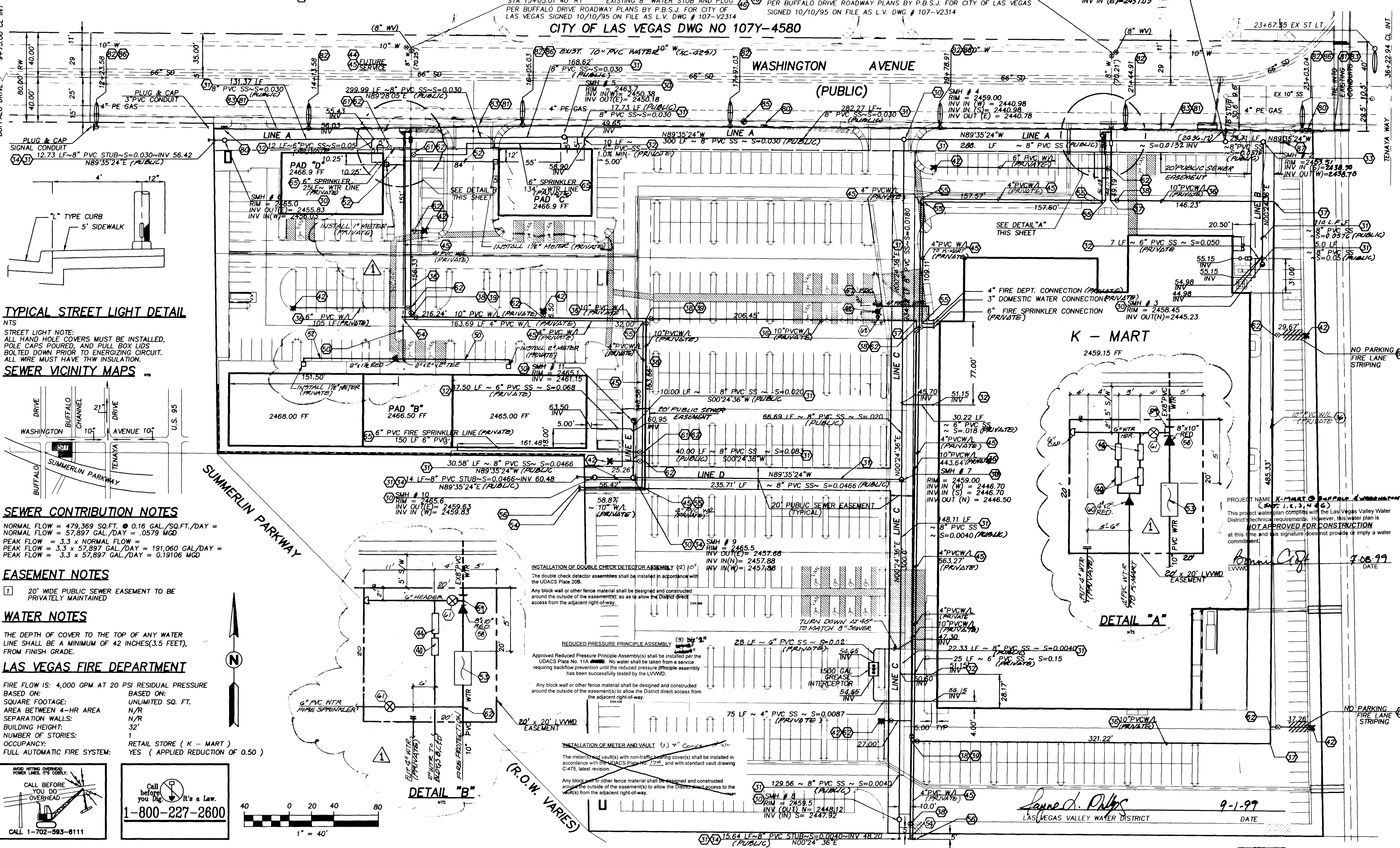
TYPICAL FIRE HYDRANT DETAIL
NTS

STA 15+05.01 40' RT EXISTING 8" WATER STUB AND PLUG
 PER BUFFALO DRIVE ROADWAY PLANS BY P.B.S.J. FOR CITY OF LAS VEGAS SIGNED 10/10/95 ON FILE AS L.V. DWG # 107-V2314
 STA 21+32.00 38' RT EXISTING 8" WATER STUB AND PLUG
 PER BUFFALO DRIVE ROADWAY PLANS BY P.B.S.J. FOR CITY OF LAS VEGAS SIGNED 10/10/95 ON FILE AS L.V. DWG # 107-V2314

CITY OF LAS VEGAS DWG NO 107Y-4580

WASHINGTON AVENUE
(PUBLIC)

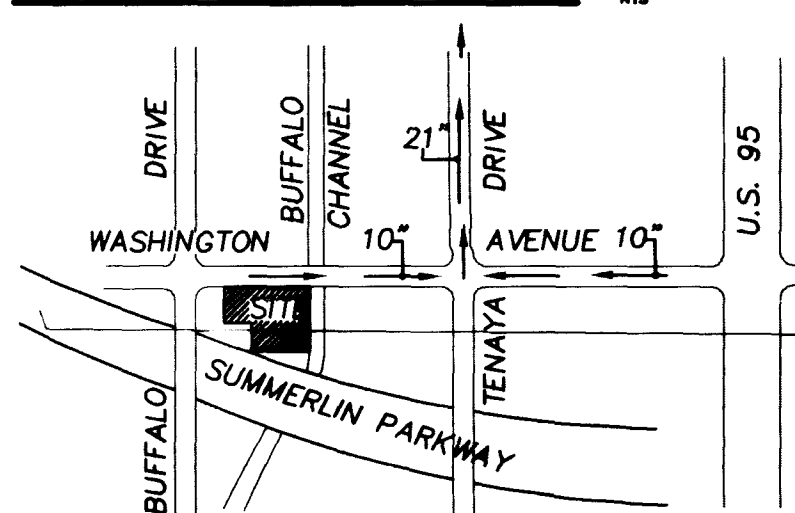
K - MART



TYPICAL STREET LIGHT DETAIL

NTS
 STREET LIGHT NOTE:
 ALL HAND HOLE COVERS MUST BE INSTALLED,
 POLE CAPS, POURED, AND PULL BOX LIDS
 BOLTED DOWN PRIOR TO ENERGIZING CIRCUIT.
 ALL WIRE MUST HAVE THW INSULATION.

SEWER VICINITY MAPS



SEWER CONTRIBUTION NOTES

NORMAL FLOW = 479,369 SQ.FT. @ 0.16 GAL./SQ.FT./DAY =
 NORMAL FLOW = 57,897 GAL./DAY = .0579 MGD
 PEAK FLOW = 3.3 x NORMAL FLOW =
 PEAK FLOW = 3.3 x 57,897 GAL./DAY = 191,060 GAL./DAY =
 PEAK FLOW = 3.3 x 57,897 GAL./DAY = 0.19106 MGD

EASEMENT NOTES

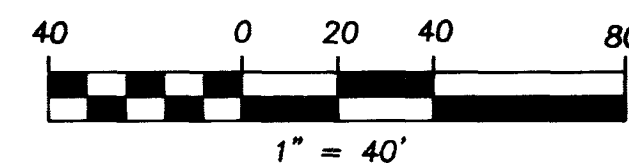
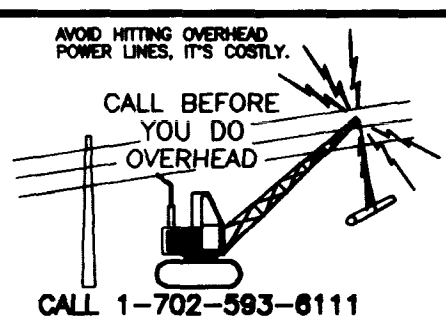
- 1 20' WIDE PUBLIC SEWER EASEMENT TO BE PRIVATELY MAINTAINED

WATER NOTES

THE DEPTH OF COVER TO THE TOP OF ANY WATER LINE SHALL BE A MINIMUM OF 42 INCHES (3.5 FEET), FROM FINISH GRADE.

LAS VEGAS FIRE DEPARTMENT

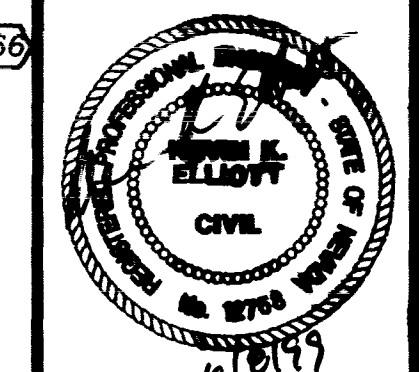
FIRE FLOW IS: 4,000 GPM AT 20 PSI RESIDUAL PRESSURE
 BASED ON:
 SQUARE FOOTAGE: UNLIMITED SQ. FT.
 AREA BETWEEN 4-HR AREA: N/R
 SEPARATION WALLS: N/R
 BUILDING HEIGHT: 32'
 NUMBER OF STORIES: 1
 OCCUPANCY: RETAIL STORE (K - MART)
 FULL AUTOMATIC FIRE SYSTEM: YES (APPLIED REDUCTION OF 0.50)



LAURICH PROPERTIES, INC. (K-MART # 9389)

2500 WEST SARARA AVENUE, SUITE 211
LAS VEGAS, NV 89102
(702) 220-4500AGRA Infrastructure, Inc.
ENGINEERING GLOBAL SOLUTIONS
CHARLESTON BOULEVARD, SUITE 180
LAS VEGAS, NV 89102
(702) 220-4500

MASTER UTILITY PLAN

K-MART #9389
7500 BLOCK OF WASHINGTON AVENUE
300' EAST OF BUFFALO DRIVE
CITY OF LAS VEGASDRAWN BY: 12-15-98
STAFFDESIGNED BY: 12-15-98
STAFFCHECKED BY: 12-15-98
STAFFPROJECT NO: 98130
SCALE: 1" = 40'

6
 6 of 17 SHEETS
 DRAWING NO.
 107-V3110

