

SEWER QUANTITIES SHTS. 5,6,7

10" SEWER LINE	1129 L.F.
8" SEWER LINE	860 L.F.
4" SEWER SERVICE LATERALS	50 EA.
SEWER MANHOLES	11 EA.

WATER QUANTITIES SHTS. 5,6,7

10" WATER LINE	119 L.F.
10" GATE VALVE	1 EA.
10"x12" TAPPING TEE	1 EA.
10" 11 1/4" BEND	1 EA.
10"x8" TEE	1 EA.
10" TO 8" REDUCER	1 EA.
8" WATER LINE	2854 L.F.
8" GATE VALVE	12 EA.
8" 90° ELBOW	4 EA.
8" 45° BEND	2 EA.
8" 11 1/4" BEND	2 EA.
8"x8" TEE	7 EA.
8" CROSS	1 EA.
FIRE HYDRANT ASSEMBLY	8 EA.
8" TO 6" REDUCER	4 EA.
6" WATER LINE	426 L.F.
6" GATE VALVE	1 EA.
1" WATER SERVICE LATERALS W/ 5/8" METERS	47 EA.
BLOWOFF ASSEMBLY	3 EA.
3/4" RPPA	3 EA.

LEGEND:

- PROPOSED PVC SEWER MAIN WITH 4" MANHOLE
- PROPOSED PVC WATER MAIN AND GATE VALVE
- PROPOSED FIRE HYDRANT ASSEMBLY
- EXISTING PVC SEWER MAIN WITH EXISTING MANHOLE
- EXISTING PVC WATER MAIN AND GATE VALVE
- EXISTING FIRE HYDRANT ASSEMBLY
- PROPOSED 1" WATER SERVICE LATERAL WITH 5/8" METER, STUB & FLUG
- PROPOSED 4" SEWER LATERAL AND CLEANOUT
- PROPOSED DRIVEWAYS
- PROPOSED 1-1/4" STREETLIGHT CONDUIT
- EXISTING STREETLIGHT
- PROPOSED STREETLIGHT
- 3 1/2 STREETLIGHT PULLBOX
- PROPOSED STREET NAME SIGN

NOTES:

- HUNSAKER & ASSOCIATES SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES IN THE PLANS OR CONDITIONS IN THE FIELD.
- ALL UTILITY INSTALLATION SHALL CONFORM TO LAS VEGAS VALLEY WATER DISTRICT STANDARDS AND THE UNIFORM PLUMBING CODE.
- ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAVE BEEN OBTAINED FROM THE OFFSITE OWNER.
- ALL WORK PERFORMED WITHIN THE PUBLIC RIGHT-OF-WAY AND OUTSIDE THE PROJECT BOUNDARY SHALL BE PERFORMED UNDER A SEPARATE ENCROACHMENT PERMIT ISSUED BY THE CONTROLLING AUTHORITY.
- ALL FIRE HYDRANTS SHALL BE PLACED 18" BEHIND PROPERTY LINE.
- CONTRACTOR SHALL PROVIDE A MINIMUM OF 11 FEET SEPARATION BETWEEN WATER MAIN AND SANITARY SEWER MAIN.
- PRIOR TO CONSTRUCTION CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS AND SHALL CONTACT ENGINEER IF ANY DISCREPANCIES ARE FOUND.
- FIRE HYDRANT STATIONING REFERENCES TEE LOCATION.
- ADD 2000' TO ALL ELEVATIONS SHOWN.

APPROVALS:

1ST APR 6-23-95
 12/10/96
 L.V.V.W.D. DATE 10-26-95

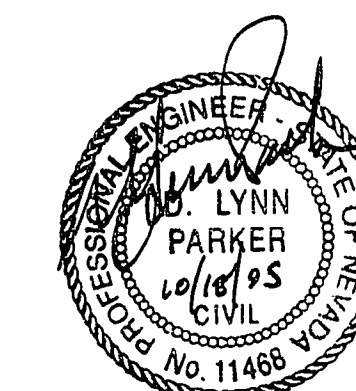
KEY NOTES:

- (A) INSTALL 2" BLOWOFF ASSEMBLY
- (B) INSTALL 8" GATE VALVE
- (C) INSTALL 8" CROSS
- (D) INSTALL 8"x6" TEE, 6" GATE VALVE, AND FIRE HYDRANT ASSEMBLY PER UNIFORM STANDARD DRAWING 516
- (E) INSTALL 8" TEE
- (F) INSTALL 90° ELBOW
- (G) INSTALL 45° ELBOW
- (H) INSTALL SEWER LINE CROSSING ENCASE SEWER LINE IN CONCRETE 10' EACH SIDE OF WATER LINE PER USD #505
- (J) INSTALL NO. 3 1/2 PULL BOX PER COUNTY STANDARDS
- (K) INSTALL 12"x 8" TEE
- (L) INSTALL 8"x 6" TEE
- (M) INSTALL 8" X 6" REDUCER
- (N) INSTALL 8" - 45 DEGREE FITTING
- (P) INSTALL (1) R1-1, 30"x30" STOP SIGN
- (B) INSTALL 6" GATE VALVE
- (R) INSTALL STREET NAME SIGN PER STD. DWG #250.

Avoid cutting underground utility lines. It's costly

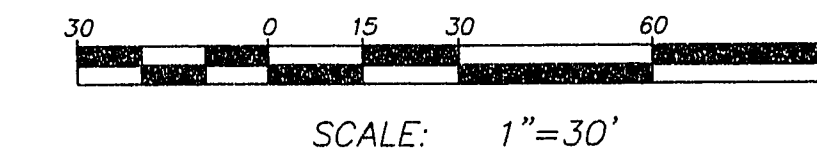
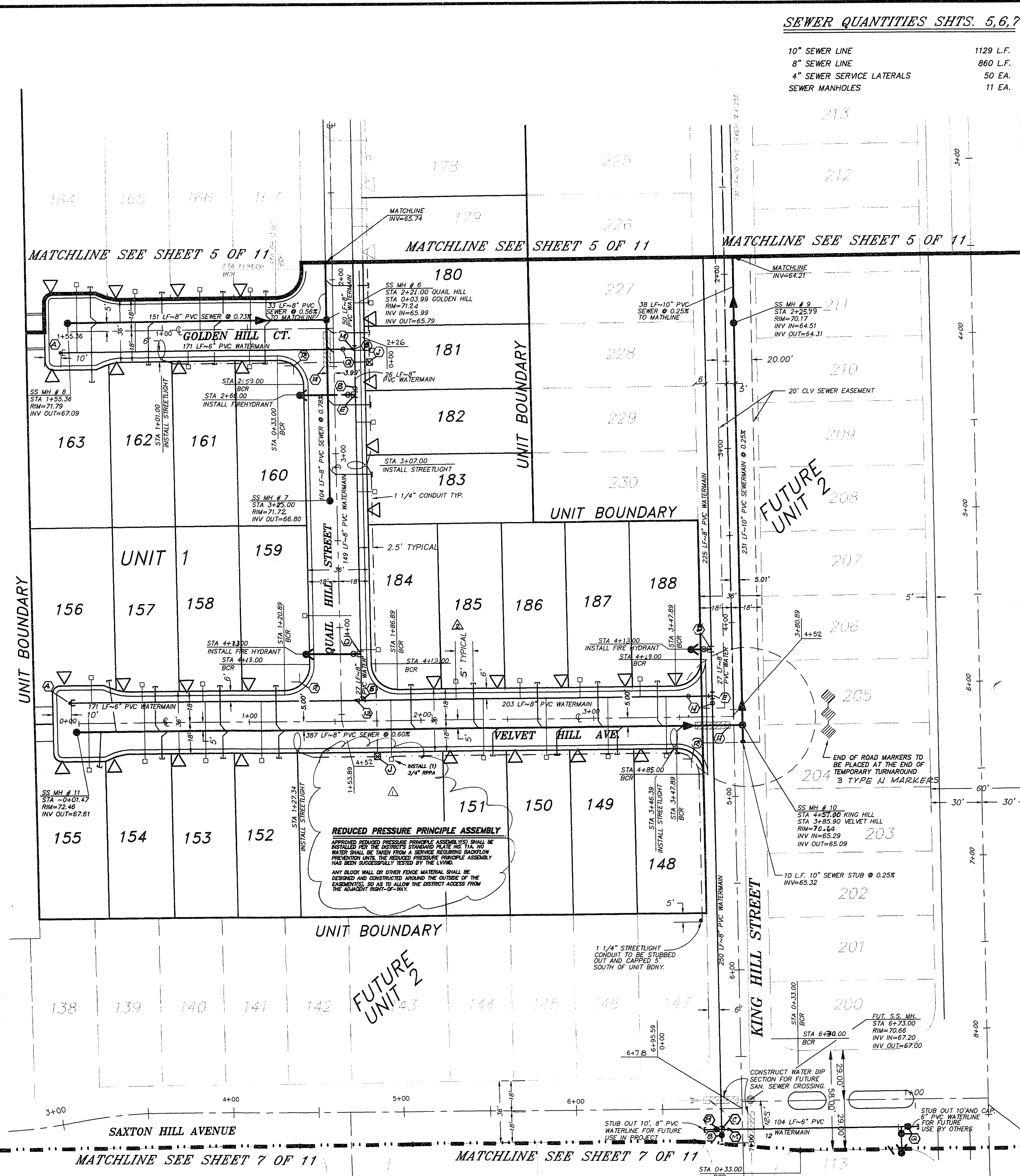
Call before you Dig

1-800-227-2600
 UNDERGROUND SERVICE (USA)



11-24-91

307Y-4413-1



FIRE DEPARTMENT NOTES:

FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL.

BASED ON:

SQUARE FOOTAGE 1100 SQ. FT.
 LARGEST AREA BETWEEN SEPARATION WALLS GARAGE: 418 SQ. FT. LIVING ROOM: 268 SQ. FT.
 HEIGHT 18.17±
 TYPE OF CONSTRUCTION V-N
 EXPOSURES STUCCO
 SPRINKLER SYSTEM N/A
 OCCUPANCY RESIDENTIAL: R3
 ROOF CONSTRUCTION FIBERGLASS SHINGLES
 REVIEWED BY
 DATE

DESIGNED BY	ENGINEER	DATE	10/26/95
CHECKED BY	ENGINEER	DATE	10/26/95
APPROVED BY	ENGINEER	DATE	10/26/95
PROJECT NO.	1512-1		
SHEET	6 OF 11		