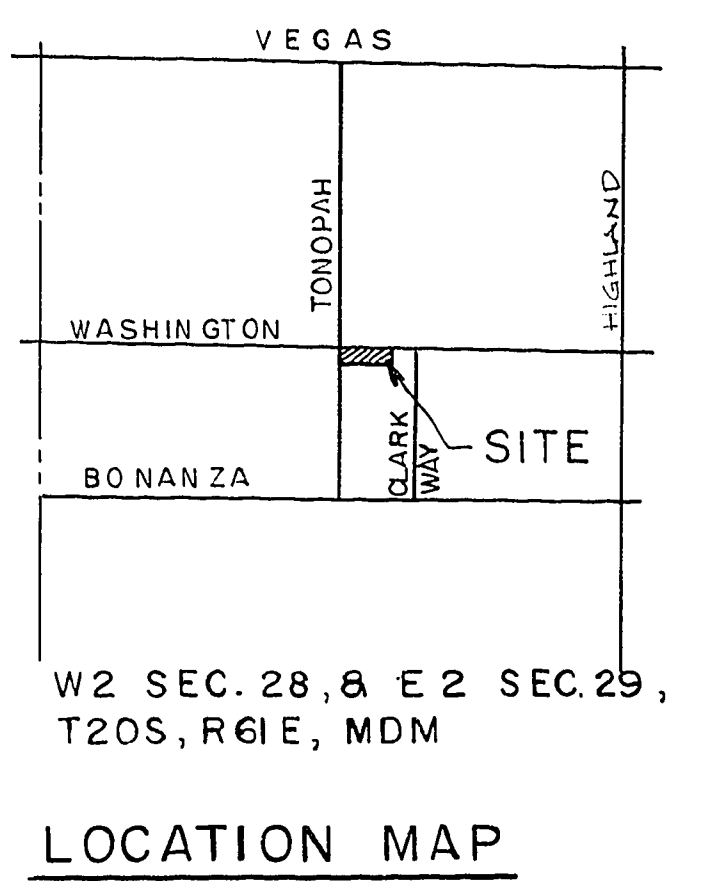
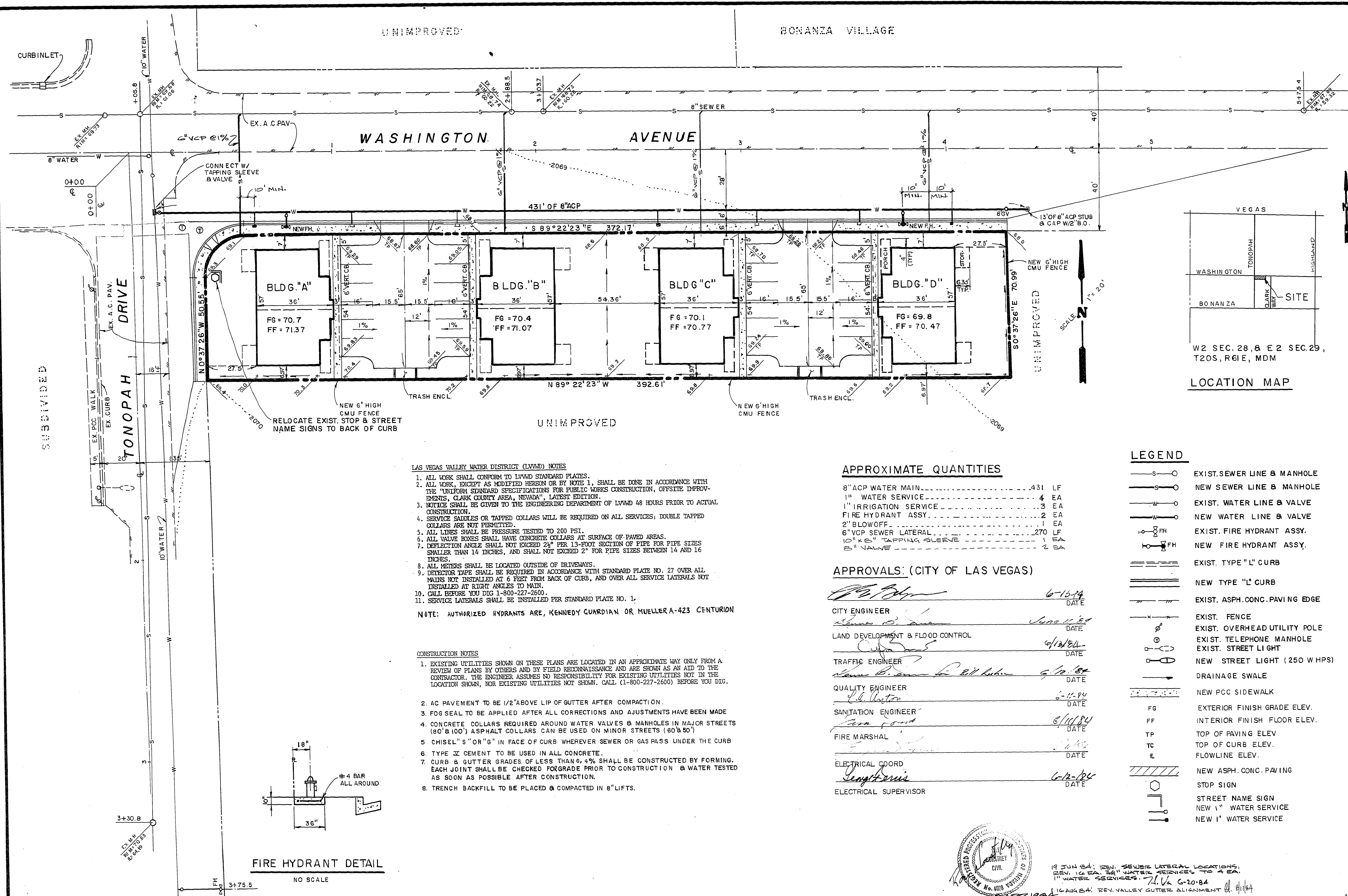




- LAS VEGAS VALLEY WATER DISTRICT (LVVWD) NOTES**
1. ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES.
 2. ALL WORK, EXCEPT AS MODIFIED HEREON OR BY NOTE 1, SHALL BE DONE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFFSITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST EDITION.
 3. NOTICE SHALL BE GIVEN TO THE ENGINEERING DEPARTMENT OF LVVWD 48 HOURS PRIOR TO ACTUAL CONSTRUCTION.
 4. SERVICE SADDLES OR TAPPED COLLARS WILL BE REQUIRED ON ALL SERVICES; DOUBLE TAPPED COLLARS ARE NOT PERMITTED.
 5. ALL LINES SHALL BE PRESSURE TESTED TO 200 PSI.
 6. ALL VALVE BOXES SHALL HAVE CONCRETE COLLARS AT SURFACE OF PAVED AREAS.
 7. DEFLECTION ANGLE SHALL NOT EXCEED 2° PER 13-FOOT SECTION OF PIPE FOR PIPE SIZES SMALLER THAN 14 INCHES, AND SHALL NOT EXCEED 2° FOR PIPE SIZES BETWEEN 14 AND 16 INCHES.
 8. ALL METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS.
 9. DETECTOR TAPE SHALL BE REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 27 OVER ALL MAINS NOT INSTALLED AT 6 FEET FROM BACK OF CURB, AND OVER ALL SERVICE LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAIN.
 10. CALL BEFORE YOU DIG 1-800-227-2600.
 11. SERVICE LATERALS SHALL BE INSTALLED PER STANDARD PLATE NO. 1.
- NOTE: AUTHORIZED HYDRANTS ARE, KENNEDY GUARDIAN OR MUELLER A-423 CENTURION

- CONSTRUCTION NOTES**
1. EXISTING UTILITIES SHOWN ON THESE PLANS ARE LOCATED IN AN APPROXIMATE WAY ONLY FROM A REVIEW OF PLANS BY OTHERS AND BY FIELD RECONNAISSANCE AND ARE SHOWN AS AN AID TO THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITIES NOT IN THE LOCATION SHOWN, NOR EXISTING UTILITIES NOT SHOWN. CALL (1-800-227-2600) BEFORE YOU DIG.
 2. AC PAVEMENT TO BE 1/2" ABOVE LIP OF GUTTER AFTER COMPACTION.
 3. FOG SEAL TO BE APPLIED AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.
 4. CONCRETE COLLARS REQUIRED AROUND WATER VALVES & MANHOLES IN MAJOR STREETS (80' & 100') ASPHALT COLLARS CAN BE USED ON MINOR STREETS (60' & 80').
 5. CHISEL "S" OR "G" IN FACE OF CURB WHEREVER SEWER OR GAS PASS UNDER THE CURB.
 6. TYPE II CEMENT TO BE USED IN ALL CONCRETE.
 7. CURB & GUTTER GRADES OF LESS THAN 0.4% SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION & WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
 8. TRENCH BACKFILL TO BE PLACED & COMPACTED IN 6" LIFTS.

APPROXIMATE QUANTITIES

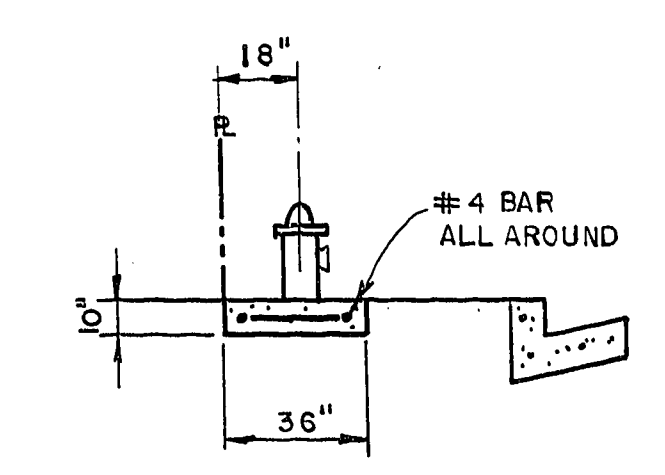
8" ACP WATER MAIN	431 LF
1" WATER SERVICE	4 EA
1" IRRIGATION SERVICE	3 EA
FIRE HYDRANT ASSY.	2 EA
2" BLOWOFF	1 EA
6" VCP SEWER LATERAL	270 LF
10" X 6" TAPPING SLEEVE	1 EA
8" VALVE	2 EA

APPROVALS: (CITY OF LAS VEGAS)

CITY ENGINEER	<i>[Signature]</i>	6-13-84
LAND DEVELOPMENT & FLOOD CONTROL	<i>[Signature]</i>	6-13-84
TRAFFIC ENGINEER	<i>[Signature]</i>	6-13-84
QUALITY ENGINEER	<i>[Signature]</i>	6-13-84
SANITATION ENGINEER	<i>[Signature]</i>	6-13-84
FIRE MARSHAL	<i>[Signature]</i>	6-13-84
ELECTRICAL COORD	<i>[Signature]</i>	6-13-84
ELECTRICAL SUPERVISOR	<i>[Signature]</i>	6-13-84

LEGEND

	EXIST. SEWER LINE & MANHOLE
	NEW SEWER LINE & MANHOLE
	EXIST. WATER LINE & VALVE
	NEW WATER LINE & VALVE
	EXIST. FIRE HYDRANT ASSY.
	NEW FIRE HYDRANT ASSY.
	EXIST. TYPE "L" CURB
	NEW TYPE "L" CURB
	EXIST. ASPH. CONC. PAVING EDGE
	EXIST. FENCE
	EXIST. OVERHEAD UTILITY POLE
	EXIST. TELEPHONE MANHOLE
	EXIST. STREET LIGHT
	NEW STREET LIGHT (250 WHPs)
	DRAINAGE SWALE
	NEW PCC SIDEWALK
FG	EXTERIOR FINISH GRADE ELEV.
FF	INTERIOR FINISH FLOOR ELEV.
TP	TOP OF PAVING ELEV.
TC	TOP OF CURB ELEV.
EL	FLOWLINE ELEV.
	NEW ASPH. CONC. PAVING
	STOP SIGN
	STREET NAME SIGN
	NEW 1/2" WATER SERVICE
	NEW 1" WATER SERVICE



FIRE HYDRANT DETAIL
NO SCALE

2248-1 107 Y 3058