

# GENERAL NOTES

1. ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT STANDARD SPECIFICATIONS S-1 & STANDARD PLATES.
2. ALL WORK, EXCEPT AS MODIFIED HEREON, SHALL BE DONE IN ACCORDANCE WITH CLARK COUNTY STANDARD SPECIFICATIONS.
3. NOTICE TO BE GIVEN ENGINEERING DEPARTMENT OF THE LAS VEGAS VALLEY WATER DISTRICT 48 HOURS PRIOR TO ACTUAL CONSTRUCTION.
4. SERVICE SADDLES OR TAPPED COLLARS WILL BE REQUIRED ON ALL SERVICES.
5. CONTRACTOR TO PROVIDE THRUST BLOCKS AS REQUIRED.
6. ALL LINES TO BE PRESSURE TESTED TO 200 PSI.
7. ALL FLANGED FITTINGS TO BE COATED WITH EC-244, AND WRAPPED WITH 6 MIL THICK POLYETHYLENE, TWO LAYERS.
8. ALL VALVE BOXES SHALL HAVE CONCRETE COLLARS AT SURFACE OF PAVED AREAS.
9. NO OTHER UTILITY LINES MAY BE PLACED IN SAME TRENCH WITH WATER LINE.
10. PARALLEL SEWER AND WATER LINES SHALL HAVE A MINIMUM OF 10 FEET HORIZONTAL SEPARATION AND 3 FOOT MINIMUM VERTICAL SEPARATION ON ALL WATER LINES.
11. DEFLECTION ANGLE SHALL NOT EXCEED 5° PER 13 FOOT SECTION OF PIPE FOR PIPE SIZES SMALLER THAN 10 INCHES AND SHALL NOT EXCEED 3° FOR PIPE SIZES 10 INCHES AND LARGER.
12. ALL WATER VALVES SHALL BE OPERATED ONLY UNDER THE DIRECTION OF THE WATER DISTRICT.
13. ALL WATER LINES TO BE FLUSHED TO A VELOCITY OF 10 FEET PER SECOND.
14. CONTRACTOR TO FURNISH AND INSTALL METER BOXES TO DISTRICT SPECIFICATIONS.

15. ALL VALVES SHALL BE CONNECTED TO TEES OR CROSSES W/ FLANGED FITTINGS AND SHALL BE FLANGE BY RING-TITE. IN-LINE VALVES NOT CONNECTED TO TEES OR CROSSES SHALL HAVE RING-TITE ENDS.

## APPROVALS

*J. Hampton*  
LAS VEGAS CITY ENGINEER 11/24/75 DATE

*J. D. Decker*  
CITY OF LAS VEGAS FIELD ENGINEER 11/21/75 DATE

*George Ferris*  
CITY OF LAS VEGAS ELECTRICIAN 11/18/75 DATE

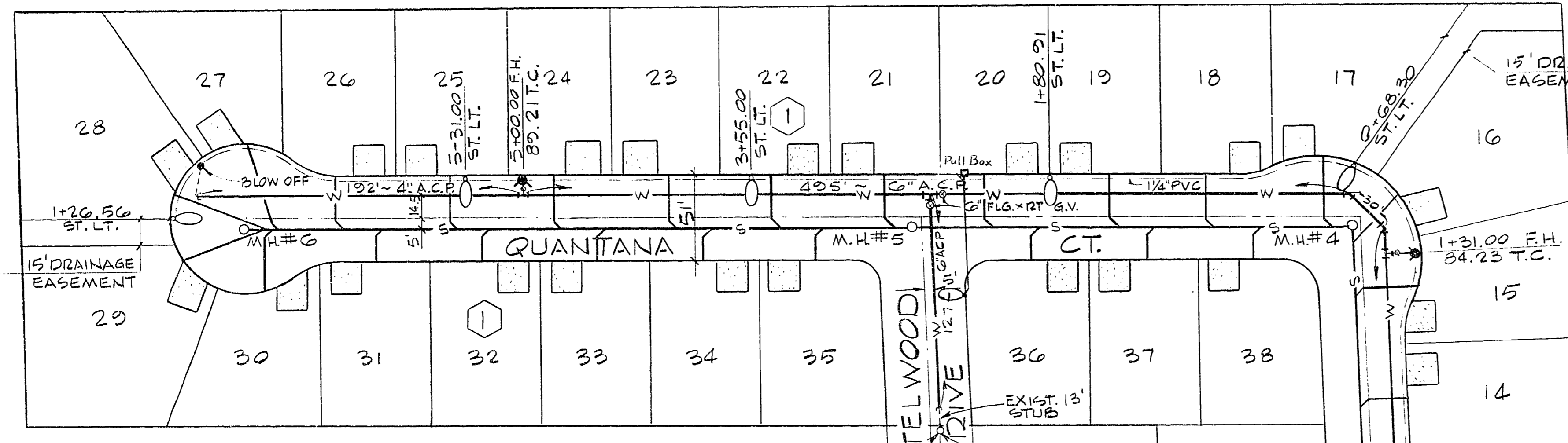
*Bob G. [unclear]*  
CITY OF LAS VEGAS ELECTRICAL COORDINATOR 11/17/75 DATE

*R. B. Anton*  
CITY OF LAS VEGAS SANITATION SUPT. 11-11-75 DATE

*Michael B. Coleman*  
NEVADA POWER COMPANY 11-19-75 DATE

*Michael Wall*  
LAS VEGAS VALLEY WATER DISTRICT 11/19/75 DATE

*[unclear]*  
CITY OF LAS VEGAS FIRE DEPARTMENT 11-18-75 DATE



VALVE BOX TO BE REMOVED & VALVE ENCASED IN CONCRETE AFTER HEALTH SAMPLE & PRESSURE TEST - VALVE TO BE IN FULL OPEN POSITION - NO CONCRETE TO COME IN CONTACT WITH A.C. PIPE.

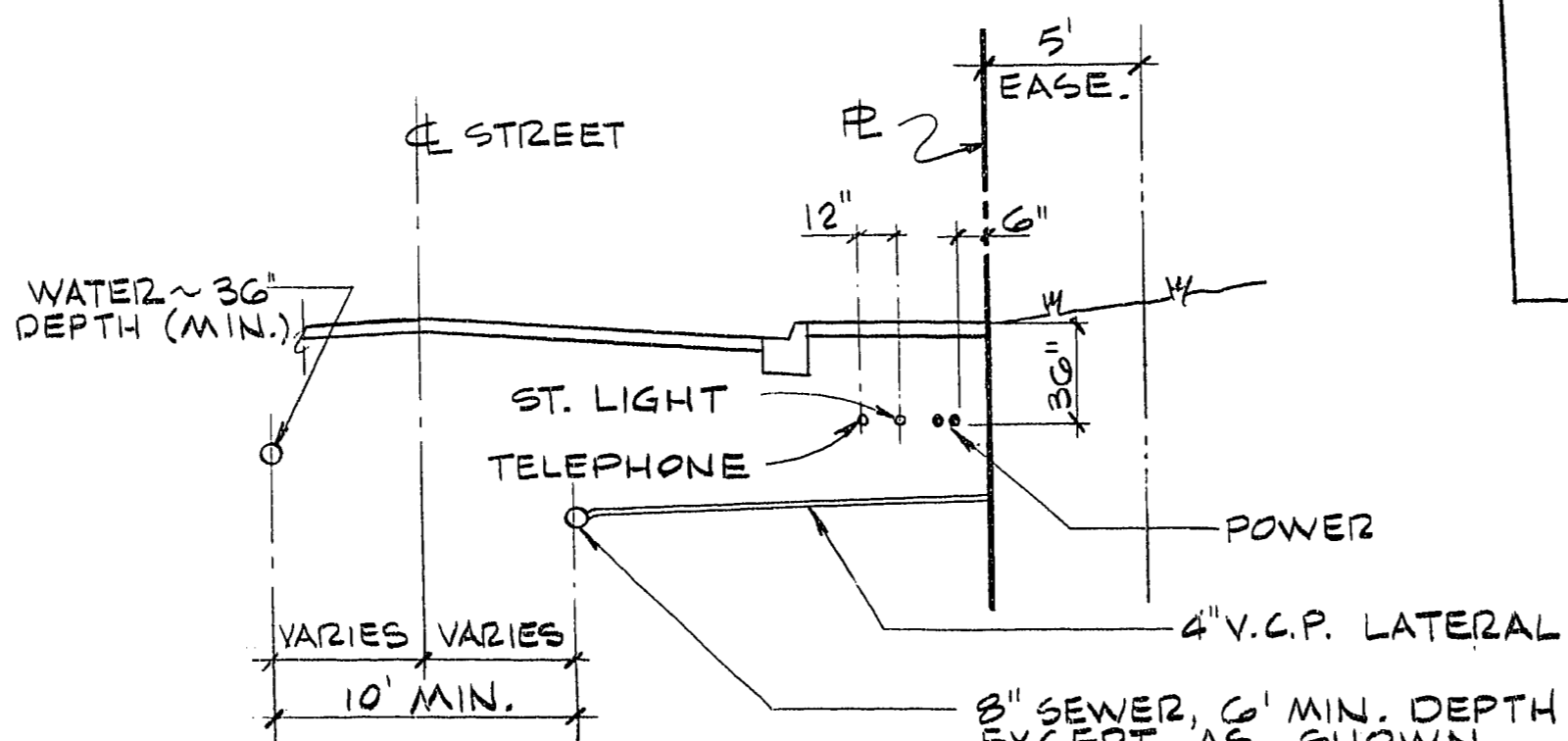
## ESTIMATE OF QUANTITIES

STD. F.H. W/G" G.V. & G" A.C.P. LATERAL	4 EA.
6" A.C.P.	1,911 L.F.
6" GATE VALVE W/VALVE BOX & COVER	3 EA.
METER BOX	55 EA.
3/4" SERVICE	55 EA.
10" x 6" TAPPING TEE W/G" G.V.	1 EA.
4" A.C.P.	192 L.F.
2" BLOW OFF	1 EA.

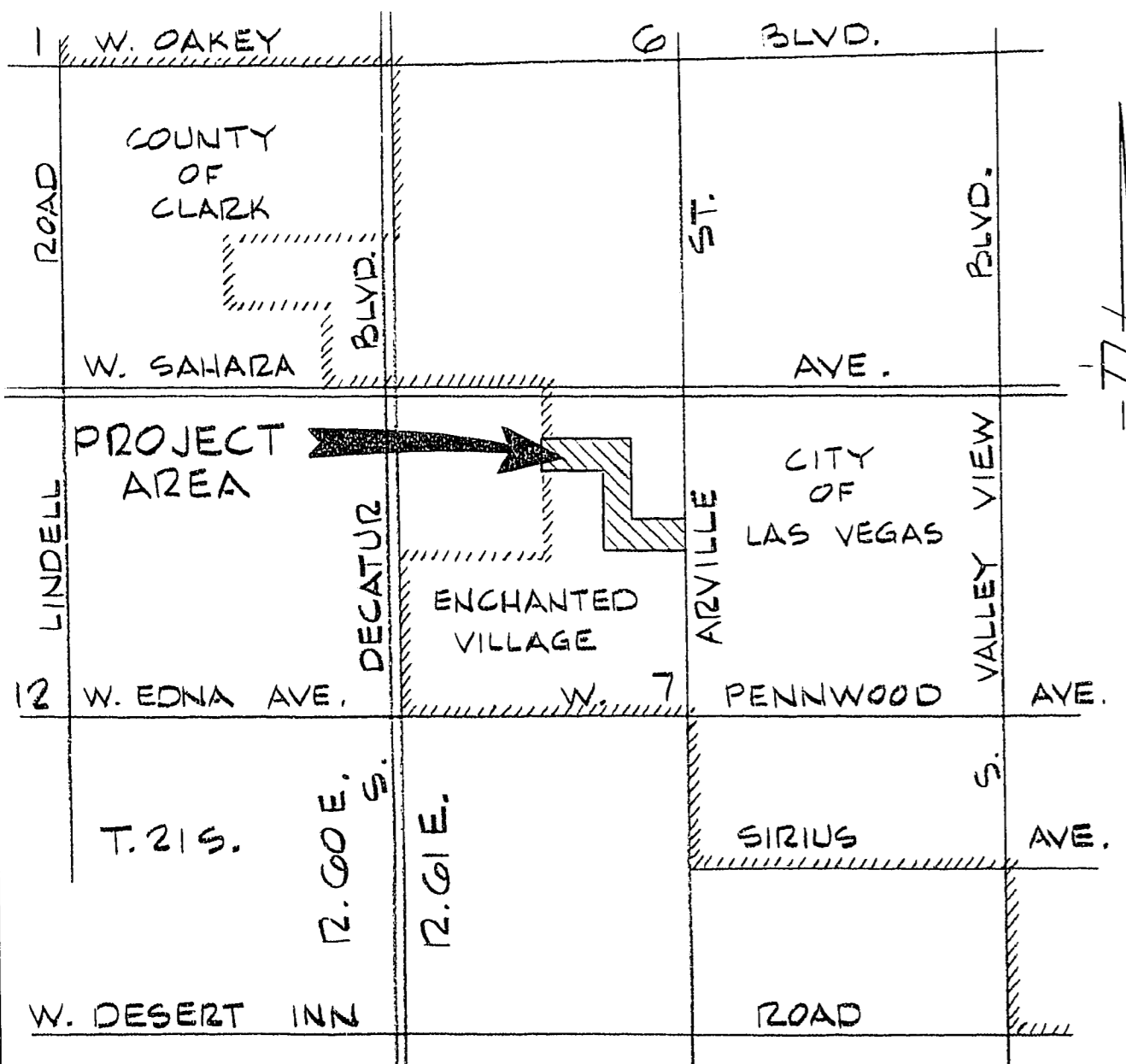
## LEGEND

- FIRE HYDRANT W/ GATE VALVE
- SEWER MANHOLE
- NEW 175 W. LUMINAIRE W/11 GA. POLE (MERC. LAMPS TO BE DX TYPE EXIST. LUMINAIRE)
- 1/4" PVC (ST. LT. CONDUIT)
- GATE VALVE
- DRIVEWAY
- WATER LINE
- SEWER LINE
- #3 1/2 CONC. PULL BOX W/METAL COVER.

NOTE:  
STREET LIGHT SERVICE WIRE TO BE 2-#2's & 1-#4.  
ALL FIELD WIRE TO BE 2-#4(STHW).



TYP. UTILITY SECTION



VICINITY MAP

SCALE: 1" = 50'

DESCRIPTION	DATE
REV	DATE

11/19/75  
R.E. NO. 1115

1001 SARABA AVE.  
LAS VEGAS, NEVADA  
PHONE: 752-5709

**G.C. WALLACE**  
CONSULTING ENGINEER

BECKER & SONS  
CHARLESTON HEIGHTS TRACT NO. 52  
UTILITY PLAN

SHEET 5 OF 10 SHEETS

288.010