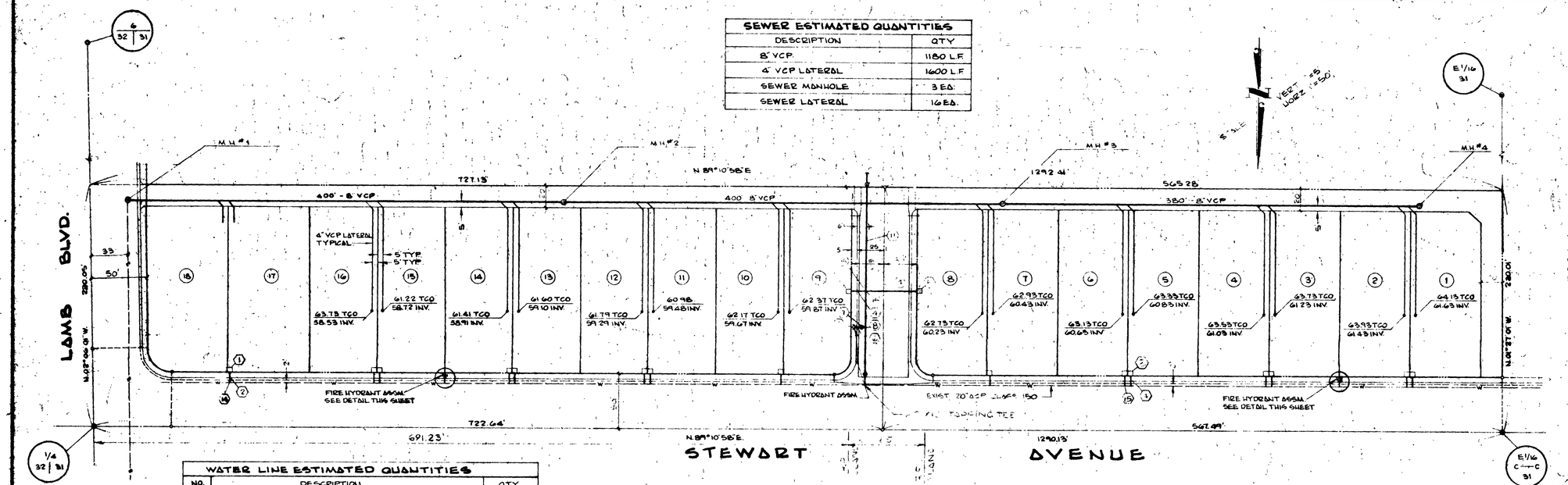
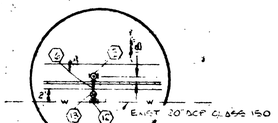
SEWER ESTIMATED QUANTITIES

DESCRIPTION	QTY
8" VCP	1180 L.F.
4" VCP LATERAL	1600 L.F.
SEWER MANHOLE	3 EA.
SEWER LATERAL	16 EA.

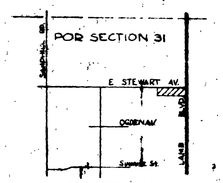




FIRE HYDRANT DETAIL
(NO SCALE)

BENCH MARK

THE C.L. BENCH MARK # 062310S LOCATED @ THE SW COR OF PRUCE LNE & STEWART AVE IN THE TOP OF CURB.
ELEV. 1764.98



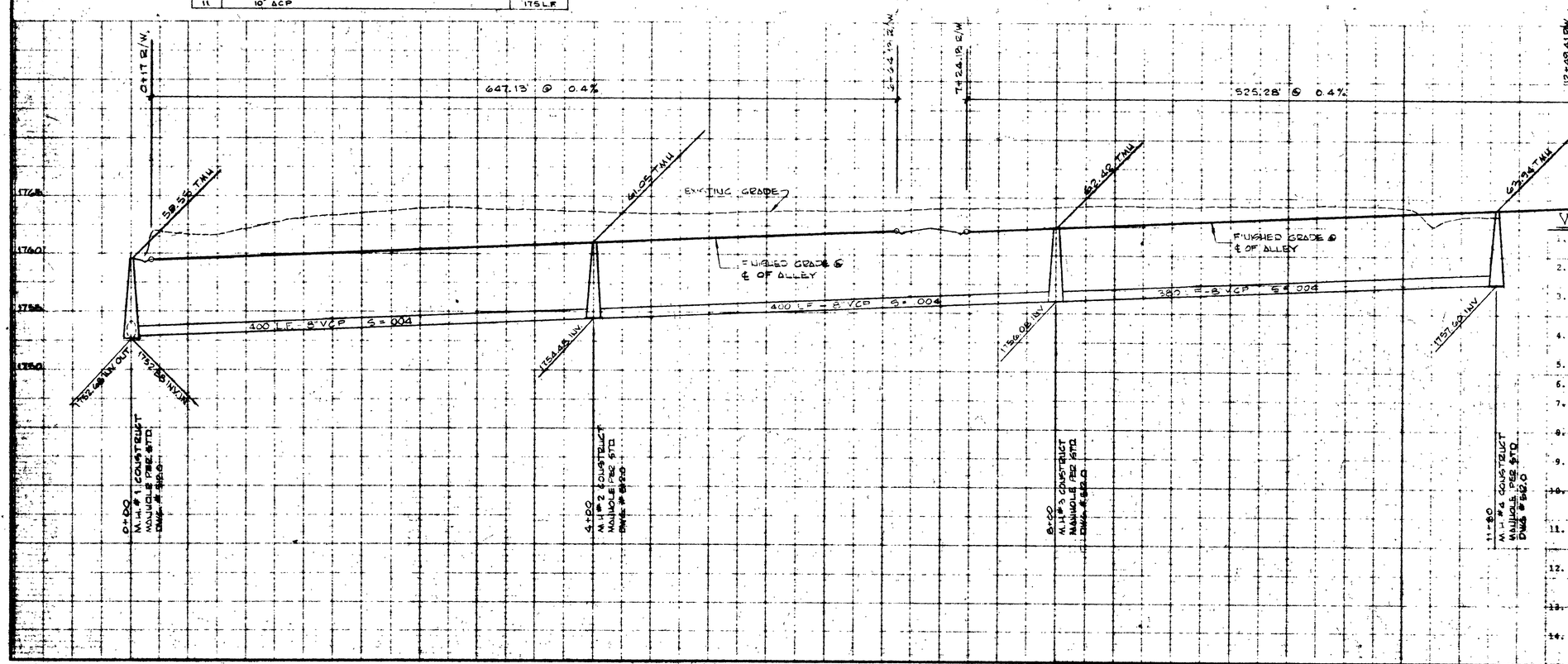
VICINITY MAP

WATER LINE ESTIMATED QUANTITIES

NO.	DESCRIPTION	QTY
1	1½" WATER METER BY LVVWD.	1 EA.
2	1½" SERVICE LINE	9 L.F.
3.	1" WATER METER BY LVVWD TYPICAL LOTS 1-16	16 EA.
4.	1" SERVICE LINE	190 L.F.
5	FIRE HYDRANT ASSEMBLY COMPLETE	3 EA.
6.	6" ACP	35 L.F.
7.	6" NRS GATE VALVE	1 EA.
8	10"x10"x6" TEE WITH THRUST BLOCK	1 EA.
9.	10" CAP WITH THRUST BLOCK	1 EA.
10	10" NRS GATE VALVE	1 EA
11	10" ACP	175 L.F.
12	20"x6" CLASS 150 TAPPING TEE WITH THRUST BLOCK	2 EA
13.	6" TAPPING VALVE	2 EA.
14.	1½" SERVICE CONNECTION LOT 17	1 EA.
15.	1" SERVICE CONNECTION TYPICAL LOTS 1-16	16 EA

APPROVALS

CITY ENGINEER	4/29/75 DATE
DEPT OF PUBLIC WORKS	11-20-75 DATE
VEGAS VALLEY WATER DIST.	2/9/77 DATE
CITY FIRE DEPT.	10-21-75 DATE
CITY SANITATION SUPT	11 19 75 DATE



WATER LINE NOTES:

1. All work to conform to Las Vegas Valley Water District Standard Specification 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 HC-244, and wrapped with 6 mil thick polyethylene, 2 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 1 foot minimum vertical separation on all water lines.
11. Deflection angle shall not exceed 3° 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. Service laterals for lots 1-7 & 10-17 will be tapped on existing main by owner's contractor under direction of the Las Vegas Valley Water District.
13. All water valves shall be operated only under the direction of the Water District.
14. All water lines to be flushed to a velocity of 10 feet per second.

DATE NO	REVISIONS	APP'D
4-29-75	LOT 17 LENGTHENED LOTS 5 & 6 FT.	

PREPARED FOR
RON RUDIN - STEWART ARMS

DATE
DESIGN C.E.C.
DRAWN R.P.R.
CHECK R.L.B.
SCALE AS NOTED

BAUGHMAN, HAUGHT & TURNER
CIVIL ENGINEERS — MINING ENGINEERS — LAND SURVEYORS
2223 WEST CHARLESTON BOULEVARD — LAS VEGAS, NEVADA 89102
PHONE 385-9771

SEWER & WATER DESIGN
SECTION 31 TOWNSHIP 20 SOUTH RANGE 62 EAST M.D.B.&M.
COUNTY CLARK NEVADA
STEWART AVENUE

SHEET 1
PROJ NO FB96-P109

107 V946