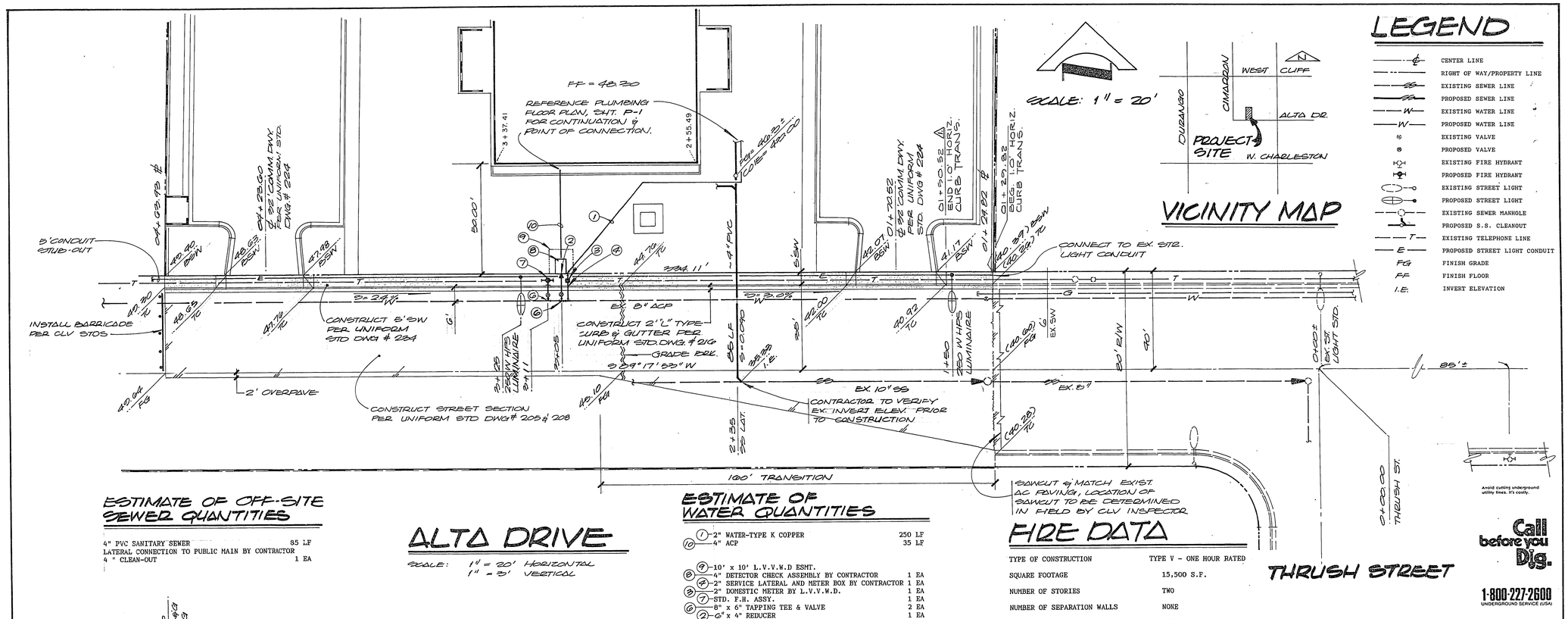


LEGEND

℄	CENTER LINE
	RIGHT OF WAY/PROPERTY LINE
S	EXISTING SEWER LINE
S	PROPOSED SEWER LINE
W	EXISTING WATER LINE
W	PROPOSED WATER LINE
	EXISTING VALVE
	PROPOSED VALVE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
	EXISTING STREET LIGHT
	PROPOSED STREET LIGHT
	EXISTING SEWER MANHOLE
	PROPOSED S.S. CLEANOUT
T	EXISTING TELEPHONE LINE
E	PROPOSED STREET LIGHT CONDUIT
FG	FINISH GRADE
F.F.	FINISH FLOOR
I.E.	INVERT ELEVATION

VICINITY MAP

ESTIMATE OF OFF-SITE SEWER QUANTITIES

4" PVC SANITARY SEWER	85 LF
LATERAL CONNECTION TO PUBLIC MAIN BY CONTRACTOR	
4 " CLEAN-OUT	1 EA

ALTA DRIVE

SCALE: 1" = 20' HORIZONTAL
1" = 3' VERTICAL

ESTIMATE OF WATER QUANTITIES

(1) 2" WATER-TYPE K COPPER	250 LF
(10) 4" ACP	35 LF
(4) 10' x 10' L.V.V.W.D ESMT.	
(8) (4) 4" DETECTOR CHECK ASSEMBLY BY CONTRACTOR	1 EA
(8) (4) 2" SERVICE LATERAL AND METER BOX BY CONTRACTOR	1 EA
(8) (7) 2" DOMESTIC METER BY L.V.V.W.D.	1 EA
(7) STD. F.H. ASSY.	1 EA
(6) 8" x 6" TAPPING TEE & VALVE	2 EA
(2) 6" x 4" REDUCER	1 EA
6" ACP	15 LF

FIRE DATA

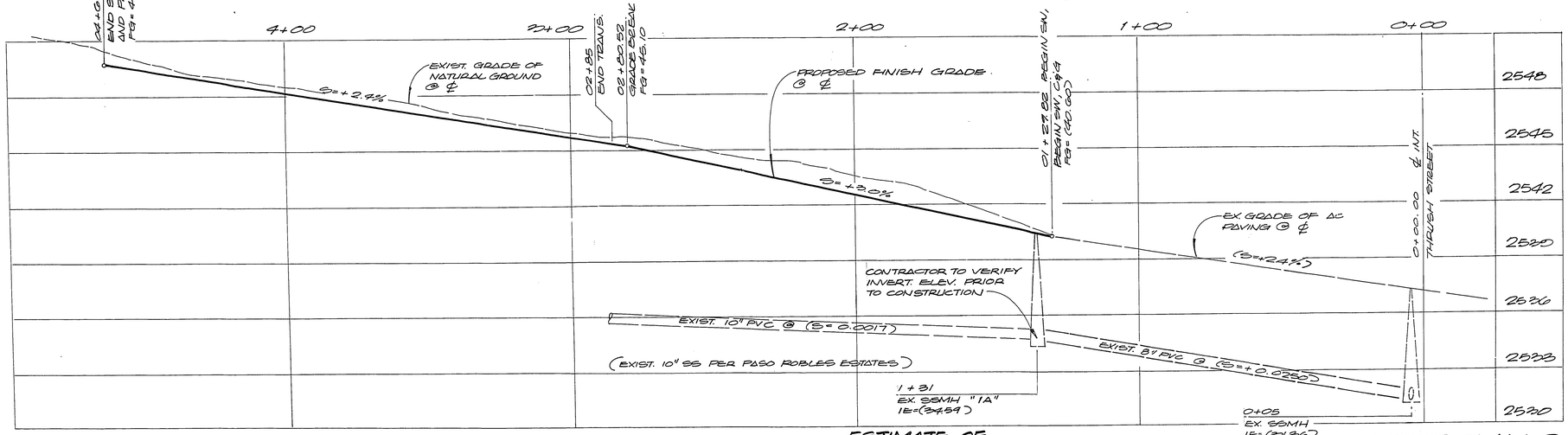
TYPE OF CONSTRUCTION	TYPE V - ONE HOUR RATED
SQUARE FOOTAGE	15,500 S.F.
NUMBER OF STORIES	TWO
NUMBER OF SEPARATION WALLS	NONE
SPRINKLERS	NONE
ENGINEER'S ESTIMATE OF FIRE FLOW	2,500

THRUSH STREET

Avoid cutting underground utility lines. It's costly.

Call before you Dig.

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



BENCH MARK

CCBM NO. C00SW33: N.P.C. BRASS CAP IN THE SOUTHWEST CORNER OF SECTION 33, T20S, R60E.
ELEVATION = 2645.01

EQUATION: C.C. DATUM + 2.04' = C.L.V. DATUM PER VTN IMPROVEMENT PLANS: REDROCK HEIGHTS NO. 3.

BASIS OF BRGS

N 00 05'15" E: BEING THE WEST LINE OF THE SOUTHWEST ONE-QUARTER OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 70 EAST, M.D.B. AND M., AS SHOWN IN BOOK 30 PAGE 68 OF PLATS, OFFICIAL RECORDS, CLARK COUNTY NEVADA.

ESTIMATE OF OFF-SITE QUANTITIES

4" AC PAVING & 4" TYPE II GRAVEL BASE	1,610 S.Y.
TYPE I GRAVEL BASE	615 C.Y.
2' L-TYPE CURB & GUTTER	334 L.F.
4" CONCRETE SIDEWALK	1,450 S.F.
DRIVEWAY SECTION	250 S.F.
250 WATT HPS LUMINAIRE	2 EA.

NOTE:

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CALL BEFORE YOU DIG: 1-800-227-2600.

APPROVALS

CLV FIRE MARSHALL	11/3/88 DATE
LAS VEGAS VALLEY WATER DISTRICT	DATE
NEVADA POWER COMPANY	DATE

Name of Plan: 29th, 40th + 62nd Wards
Water plan as shown will be acceptable. It is NOT approved for construction.
LVVWD 10-24-88 Date

10/21/88

DRAWN BY: A. BENTON
CHECKED BY:
JOB NUMBER: 021-003-881
DATE: OCTOBER 1988
DESIGNED BY: MPC
REVISION: △ REV. CURB TRANS. 10-10-88 MPC

L.R. NELSON CONSULTING ENGINEERS
6075 S. EASTERN AVENUE STE. 5
LAS VEGAS, NEVADA
(702) 798-7978

UTILITY PLAN AND ALTA DRIVE
29th, 40th & 62nd WARDS
THE REDROCK STAKE
LAS VEGAS NEVADA

C-2

9-3-203

021-003-881 107-V1605