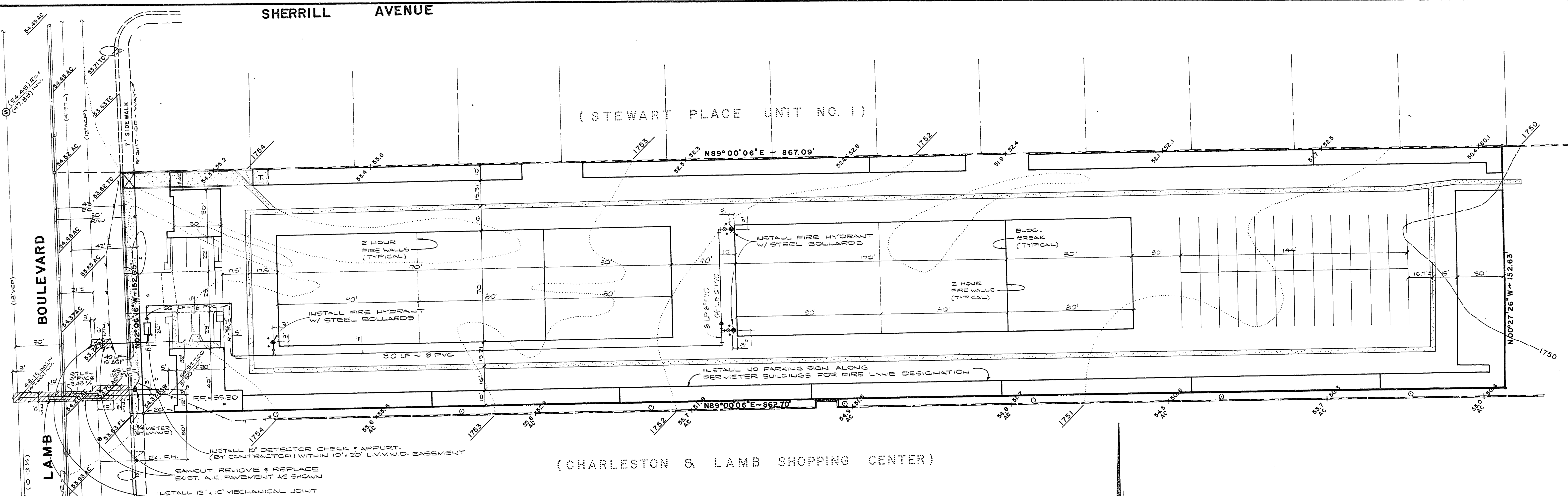


(STEWART PLACE UNIT NO. 1)

(CHARLESTON & LAMB SHOPPING CENTER)



BOULEVARD

LAMB

WATER

10" COP WATER LINE INCLUDING FITTINGS	- 40 LIN. FT.
8" PVC WATER LINE INCLUDING FITTINGS*	- 416 LIN. FT.
6" PVC WATER LINE INCLUDING FITTINGS	- 64 LIN. FT.
3/4" SERVICE FOR DOMESTIC & IRRIGATION	- 1 EACH
PURPOSES (TO BE INSTALLED BY CONTRACTOR)	
3/4" METER (TO BE INSTALLED BY L.V.V.W.D.)	- 1 EACH
FIRE HYDRANT INCLUDING FITTINGS	
10" DETECTOR CHECK INCLUDING FITTINGS	- 3 EACH
(TO BE INSTALLED BY CONTRACTOR)	
SEWER	
6" PVC SEWER LATERAL	- 97 LIN. FT.
6" CLEAN-OUT	- 1 EACH

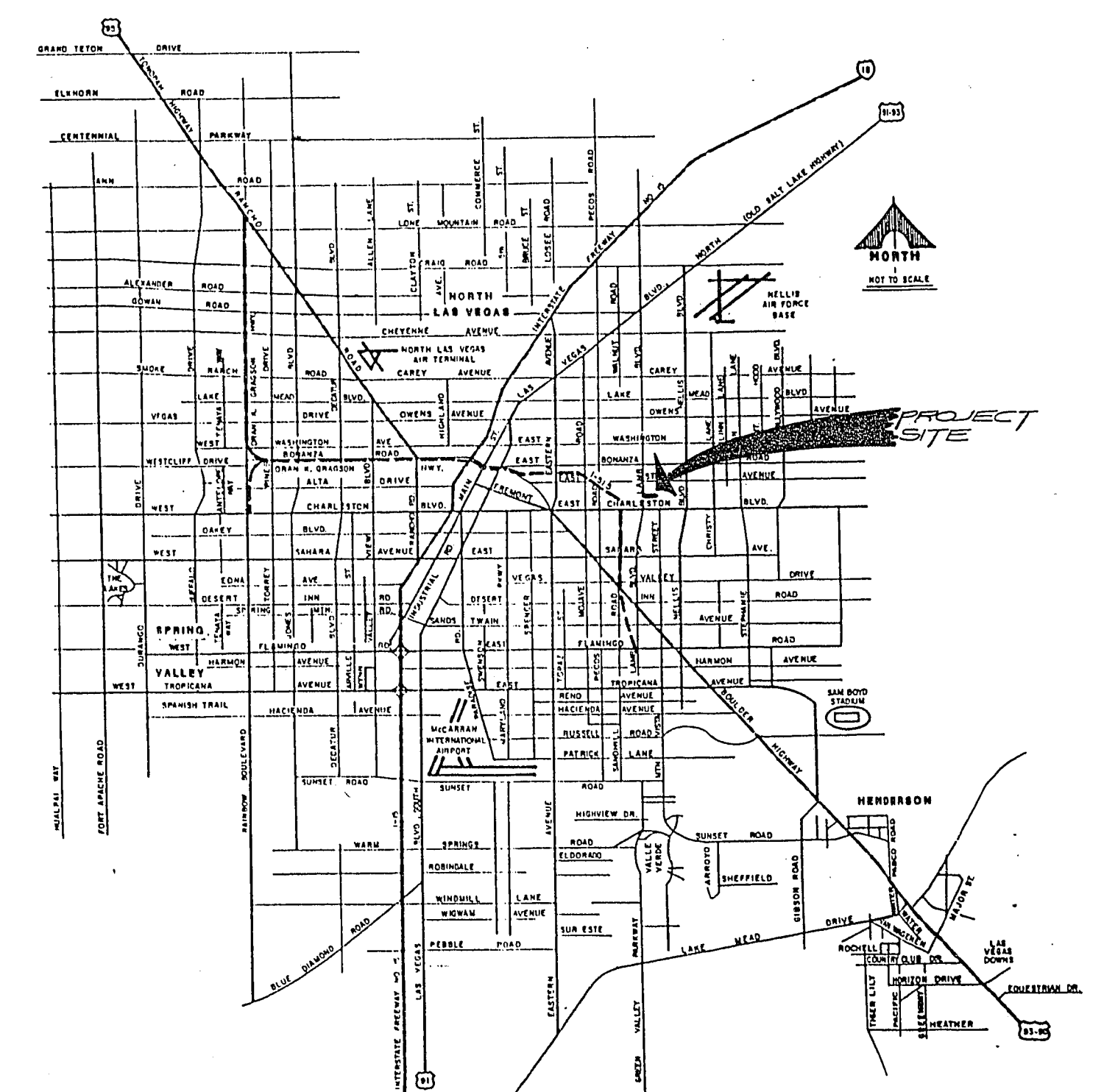
LEGEND

— W —	NEW WATER LINE (SIZE SHOWN)
— S —	NEW SEWER LINE (SIZE SHOWN)
●	NEW FIRE HYDRANT
—	CLEAN-OUT
TCO	TOP OF CLEAN-OUT
INV.	INVERT
0.00	DESIGN ELEVATION
0.00	EXISTING ELEVATION
(W)	EXISTING WATER LINE (SIZE SHOWN)
(S)	EXISTING SEWER LINE (SIZE SHOWN)
—	REDUCER

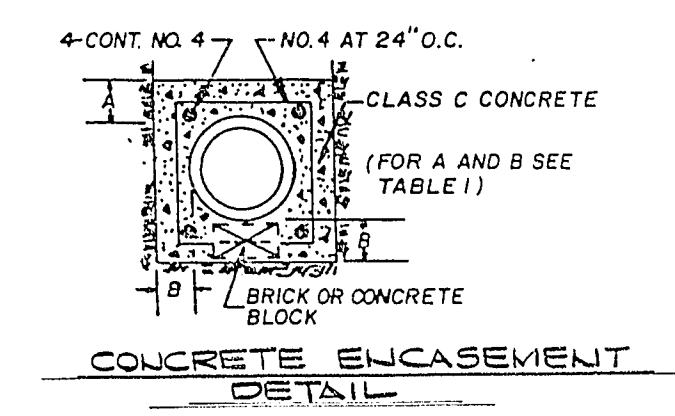
- NOTE:**
1. ANY FUTURE BLOCK WALL OR FENCE MUST BE DESIGNED AROUND THE EASEMENT(S), SO AS TO ALLOW THE DISTRICT DIRECT ACCESS TO THE METER(S) FROM THE ADJACENT RIGHT-OF-WAY.
 2. THE METER(S) AND VAULT(S) WITH NON-Traffic BEARING COVER(S), MUST BE INSTALLED IN ACCORDANCE WITH THE DISTRICT'S STANDARD PLATES AND WITH STANDARD VAULT DRAWING C-475.
 3. A PRESSURE REDUCING VALVE IS REQUIRED ON THE 3/4" SERVICE LATERAL.

C L V SEWER NOTES

1. ALL SANITARY SEWER INSTALLATIONS SHALL CONFORM TO THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF LAS VEGAS, AND SHALL ALSO CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, LATEST EDITION, UNLESS OTHERWISE NOTED.
2. CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
3. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, AND INSTALLED WITH SAND BEDDING AND BACKFILL OR TYPE II GRAVEL.
4. ALL MANHOLES IN PAVED STREETS 80' R/W AND LARGER, SHALL HAVE CONCRETE COLLARS.
5. TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12" DIA. SIZE, CONNECTIONS TO 15" OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES.
6. A SEWER MAIN CROSSING OVER A WATER MAIN, OR LESS THAN 18" UNDER A WATER MAIN, MUST BE REINFORCED CONCRETE ENCASED PIPE FOR A DISTANCE NOT LESS THAN TEN FEET (10') TO EACH SIDE OF THE CENTERLINE OF THE WATER MAIN.



VICINITY MAP NO SCALE



PIPE SIZE	PIPE SIZE	PIPE SIZE	PIPE SIZE	PIPE SIZE	PIPE SIZE
6"	8"	10"	12"	15"	18"
21"	24"	27"	30"	36"	42"

TABLE 1

- NOTES:**
1. PIPE BEDDING TO BE COMPACTED TO AT LEAST 90% OF MAXIMUM DENSITY.
 2. INDICATED THICKNESS OF BEDDING MATERIAL TO BE CONSTRUCTED UNDER THE BARREL. SUBGRADE TO BE EXCAVATED TO PROVIDE 2" CLEARANCE UNDER THE BELL.
 3. OTHER BEDDING METHODS MAY BE SPECIFIED OR APPROVED.

FIRE FLOW ESTIMATE

City: Las Vegas State: Nevada Date: 7-22-88

Bound Block or Complex, by streets, etc.: Lamb Blvd. North of Charleston East side of Lamb

Address (name of occupant if prominent): N/A

Fire Area Considered: _____

Types of Construction: V-N

Ground Floor Area: 8300 No. of Stories: 2

Total Floor Area (if needed): _____

Fire Flow From Table: 3000 (gpm)

Occupancy: MINI-STORAGE Add or Subtract: 0

Automatic Sprinklers: N/A Subtract: 0 x b = _____

Exposures: Distance Exposure

1. Front	31'	1-Sec. W.F. (30')	Add	15
2. Left	60'	2-Sec. W.F. (70')		15
3. Rear	31'	1-1/2 Sec. W.F. (70')		15
4. Right	60'	2-Sec. W.F. (70')		15

Notes and/or Calculations: Use 20' x b = 2100

Draw Sketch on other side if needed.

Total 5100 gpm
Fire Flow Required 3000 gpm

APPROVAL

Leanne L. Miller 9/23/88
LEANNE L. MILLER LAS VEGAS VALLEY WATER DISTRICT DATE

REVISION NO.	DESCRIPTION	BY	DATE	APPROVAL
REVISIONS				
LAMB/CHARLESTON MINI STORAGE LAS VEGAS NEVADA				
WATER & SEWER PLAN				
Civiltec ENGINEERING & SURVEYING 1702 N. 48th St., Suite 100 Las Vegas, NV 89148		SCALE (H) 1"=30' SCALE (V) — DES. PASCOE DR. PASCOE CHK. BY: JOB NO. 2298-88 SHEET 4 OF 4		