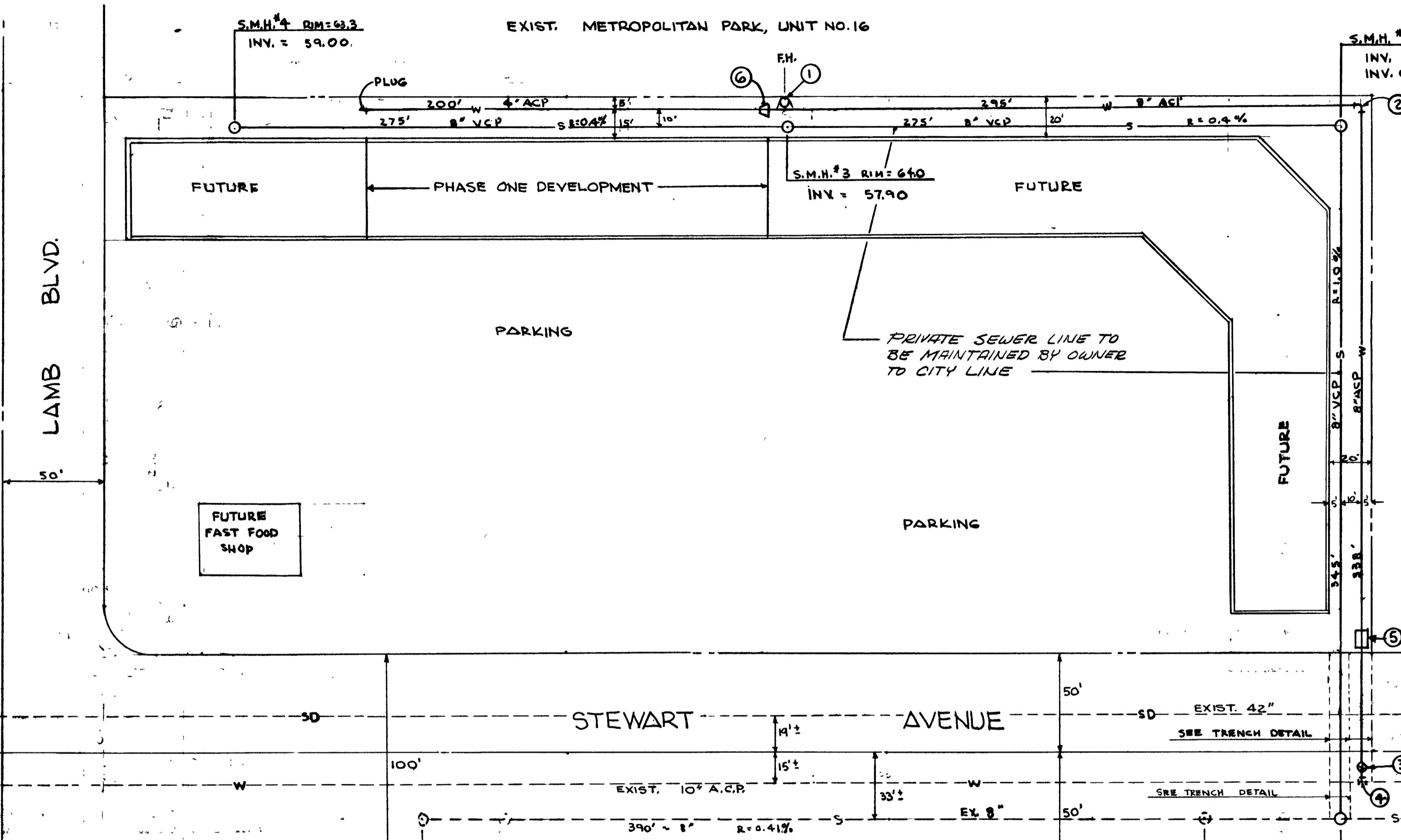


- LAS VEGAS VALLEY WATER DISTRICT GENERAL NOTES**
1. ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT STANDARD PLATES.
 2. ALL WORK, EXCEPT AS MODIFIED HEREON OR BY NOTE NO. 1 SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR EDITION OF UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENTS CLARK COUNTY AREA.
 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; DOUBLE TAP COLLARS ARE NOT PERMITTED.
 5. ALL LINES TO 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 1/2 DEGREES PER 13 FOOT SECTION OF PIPE FOR PIPE SIZES SMALLER THAN 14 INCHES AND SHALL NOT EXCEED 2 DEGREES FOR PIPE SIZES BETWEEN 14" AND 16".
 8. ALL METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS.
 9. NO OTHER UTILITY LINES MAY BE PLACED IN SAME TRENCH WITH WATER LINE.



- REGIONAL STREET & HIGHWAY PERMIT REQUIREMENTS**
1. TRAFFIC CONTROL IS REQUIRED BY THE CITY OF LAS VEGAS TRAFFIC ENGINEERING DEPARTMENT. (1 Lane open in each direction at all times)
 2. BACKFILL WITH STREET MATERIAL USING MECHANICAL COMPACTION METHODS.
 3. LIME OR CEMENT TREATED BASE TO BE REPLACED TO ONE FOOT OUTSIDE THE TRENCH AREA.
 4. SAWCUT EXISTING PAVEMENT.
 5. REPLACE DEEP STRENGTH ASPHALT CEMENT PAVEMENT WITH SAME DEPTH AND LIKE MATERIAL TO TWO FEET OUTSIDE THE TRENCH AREA WITHIN THE AREA OF THE STEWART AVENUE CONSTRUCTION.
 6. REPLACE OPEN-GRADED SURFACE COURSE.
 7. REPLACE ALL TRAFFIC CONTROL DEVICES REMOVED OR DISTURBED DURING CONSTRUCTION INCLUDING DELINEATION, PAINT, AND BUTTONS.
 8. PERMANENT REPAIRS TO BE COMPLETED WITHIN 15 DAYS OF STARTING WORK.
 9. THE CONTRACTOR TO WARRANT THE PATCH TO THE CITY OF LAS VEGAS FOR TWO YEARS AFTER ACCEPTANCE BY THE CITY OF LAS VEGAS.
- NOTE: CONTRACTOR MUST OBTAIN PROPER FEES FOR CITY OF LAS VEGAS BEFORE PROCEEDING WITH CONSTRUCTION.

NOTE: THIS DESIGN BASE UPON TOPOGRAPHIC DATA PROVIDED BY OWNER.

APPROVED BY:

C.P. Buehler 7-25-78
REGIONAL STREET & HIGHWAY COMMISSION DATE

R.L. Antony 7-31-78
CLV SANITATION ENGINEER DATE

Robert Van Meter 8-2-78
LAS VEGAS VALLEY WATER DISTRICT DATE

Jeffrey 7/31/78
CLV CITY ENGINEER DATE

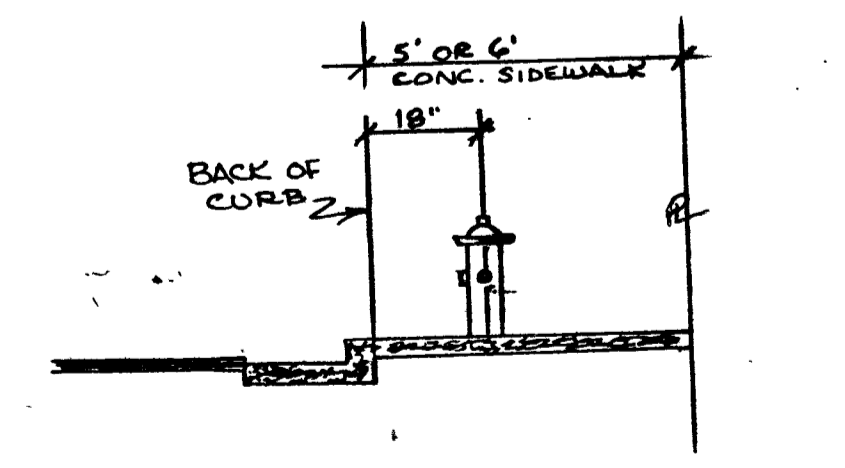
Stephen Hampton 7-28-78
CLV FIRE MARSHAL DATE

C.D. Peterson 7-28-78
CLV QUALITY CONTROL ENGINEER DATE

Robert Webb 7-31-78
CLV FIELD OPERATIONS ENGINEER DATE

DEVELOPER
RON'S CONSTRUCTION CO.
3648 MEADE DRIVE
LAS VEGAS, NEVADA 89102
(702) 873-7206

NOTE: CONSTRUCT SMOOTH CONC. CURVED CHANNEL (2" MIN RAD) IN BASE OF MANHOLE PER CLV STANDARD MANHOLE BASE DUG REV. 7-31-74

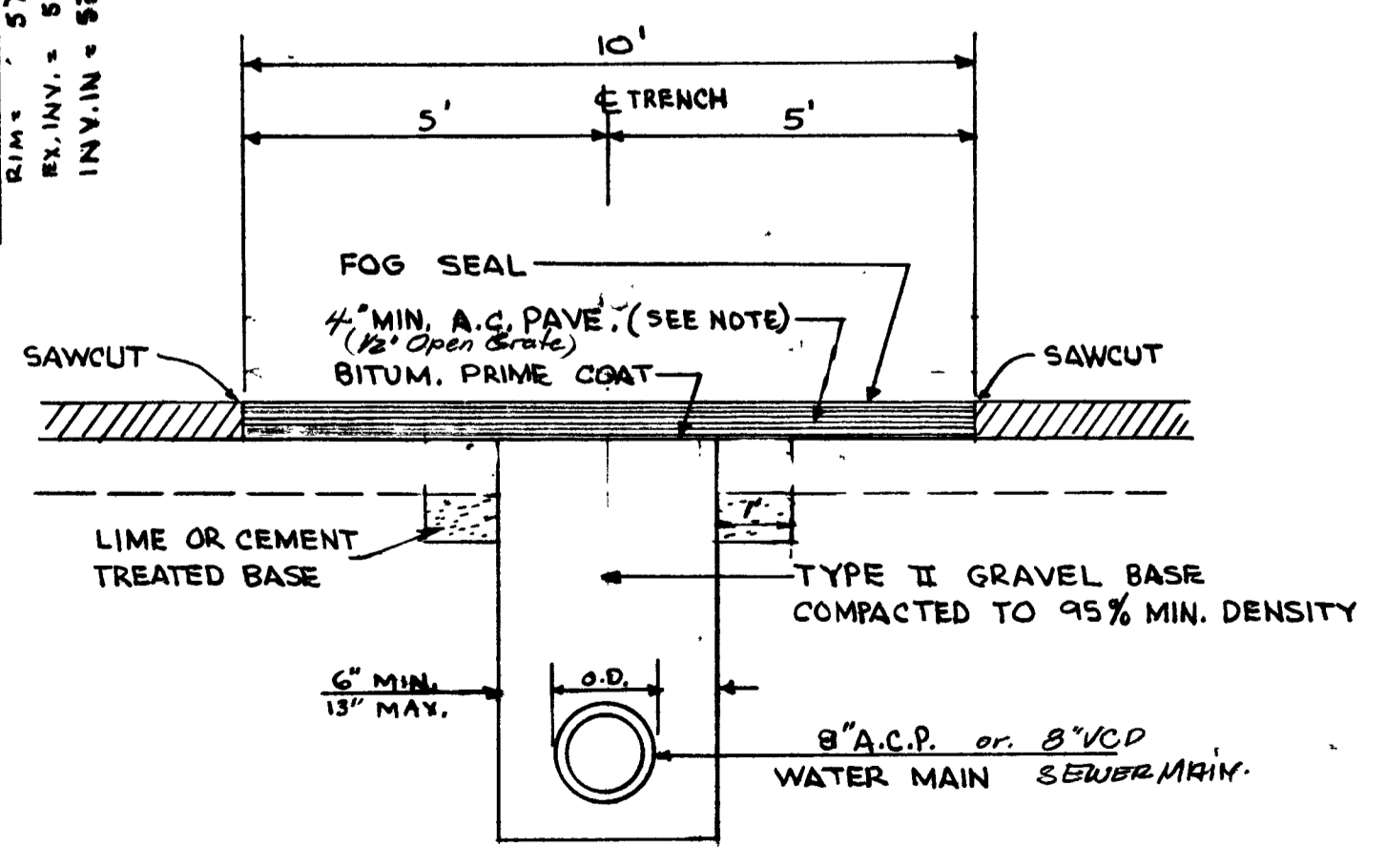


FIRE HYDRANT LOCATION DETAIL
per std. Drawg. 44.1

NO FIRE HYDRANT SHALL BE LOCATED WITHIN 6' OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREET LIGHT, OR ANY OTHER OBSTRUCTION.

LEGEND & ESTIMATE OF QUANTITIES

(WATER SYSTEM)	
①	FIRE HYDRANT ASSEMBLY = 1 EA.
②	8" 90° BEND = 1 EA.
③	8" GATE VALVE w/ VALVE BOX = 1 EA.
	8" A.C.P. WATER MAIN (CLASS 150) = 613' L.F.
④	CONNECTION TO EXIST. 10" A.C.P. = 1 EA.
⑤	F.M.C.T. METER VAULT IN BASEMENT TO L.V. V.W.D. (6x3) = 1 EA.
⑥	8" x 4" REDUCER = 1 EA.
	4" A.C.P. WATER MAIN (CLASS 150) = 200 L.F.
(SEWER SYSTEM)	

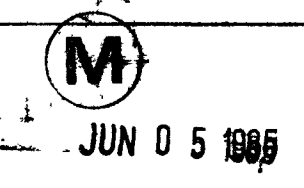


TRENCH DETAIL
FOR OPEN CUT ACROSS STEWART AVE.
NOTE: PAVING TO BE LAID WITH PAVING MACHINE

6900
00 220
Coul. 2350

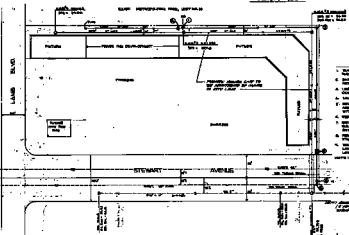
PROPOSED SHOPPING CENTER
LAMB BLVD & STEWART AVE
SEWER ~ WATER PLAN

DATE	4-21-78	SHEET	OF
REV	6-29-78	2	2





- GENERAL NOTES:**
1. ALL WORK TO BE DONE TO THE BEST QUALITY WORKMANSHIP.
 2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF LOS ANGELES SPECIFICATIONS FOR THE CONSTRUCTION OF SEWER AND WATER MAINS.
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DATE: 10/15/78

APPROVED BY:

O.P. Bell 7-25-78
 GENERAL MANAGER, CITY OF LOS ANGELES

A. Lee 2-16-78
 CITY ENGINEER

J. J. ... 1-16-78
 CITY ENGINEER

John ... 1-16-78
 CITY ENGINEER

John ... 2-2-78
 CITY ENGINEER

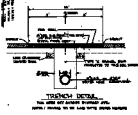
A. ... 1-16-78
 CITY ENGINEER

... 1-16-78
 CITY ENGINEER

DEVELOPER
 12345 GARDEN ST
 LOS ANGELES, CALIF. 90024
 (213) 555-1234

LEGEND & DIMENSIONS OF QUANTITIES

1" DIA. PIPE	1 SA.
2" DIA. PIPE	1 SA.
3" DIA. PIPE	1 SA.
4" DIA. PIPE	1 SA.
6" DIA. PIPE	1 SA.
8" DIA. PIPE	1 SA.
12" DIA. PIPE	1 SA.
18" DIA. PIPE	1 SA.
24" DIA. PIPE	1 SA.



SUBMITTED BY:

... 10-15-78
 ENGINEER

**PROPOSED SHOPPING CENTER
 LANDS BLVD & STEWART AVE
 SEWER-WATER PLAN**

DATE: 10-15-78



MANHOLE DETAIL

BY: [Signature]