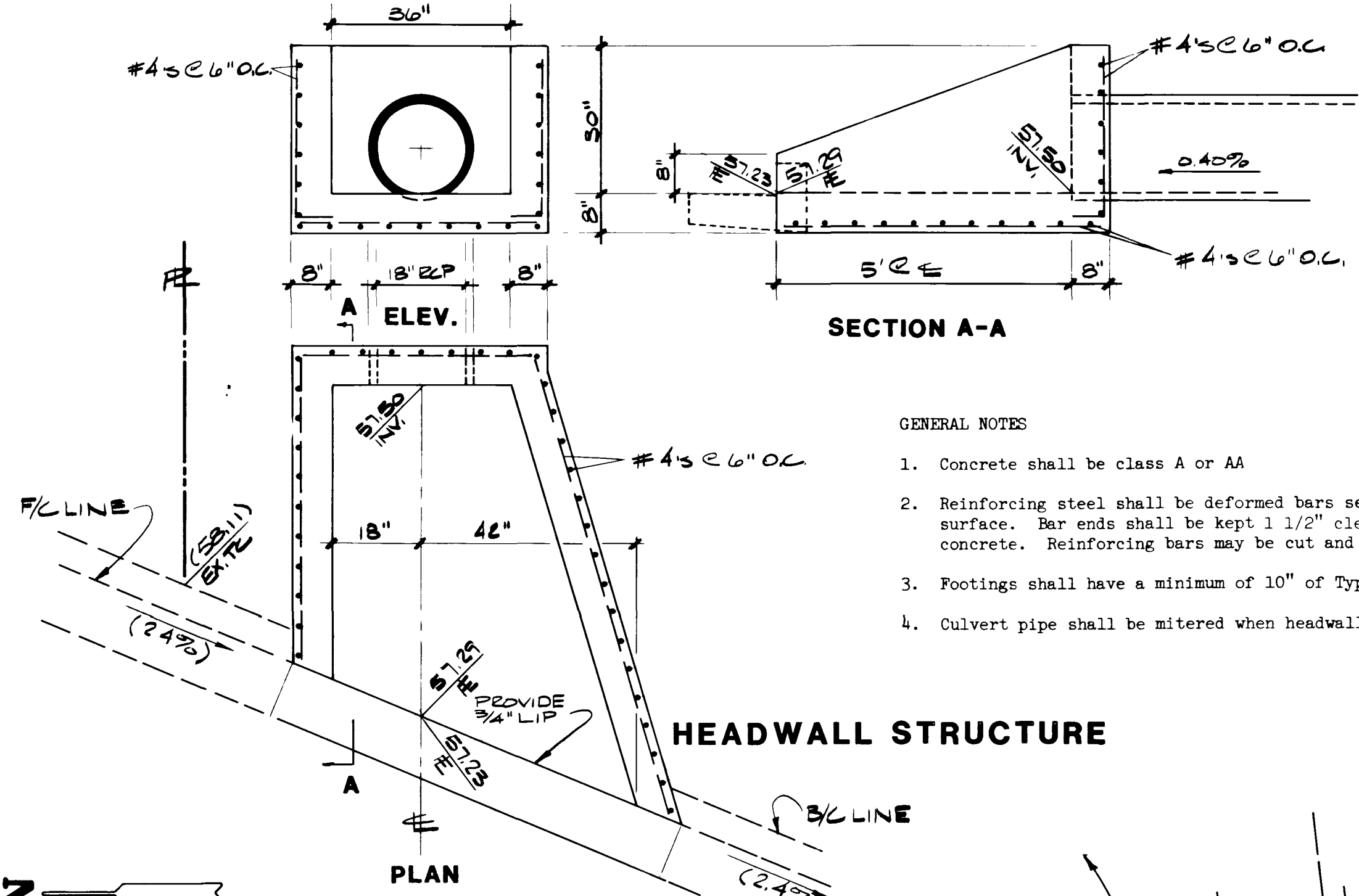
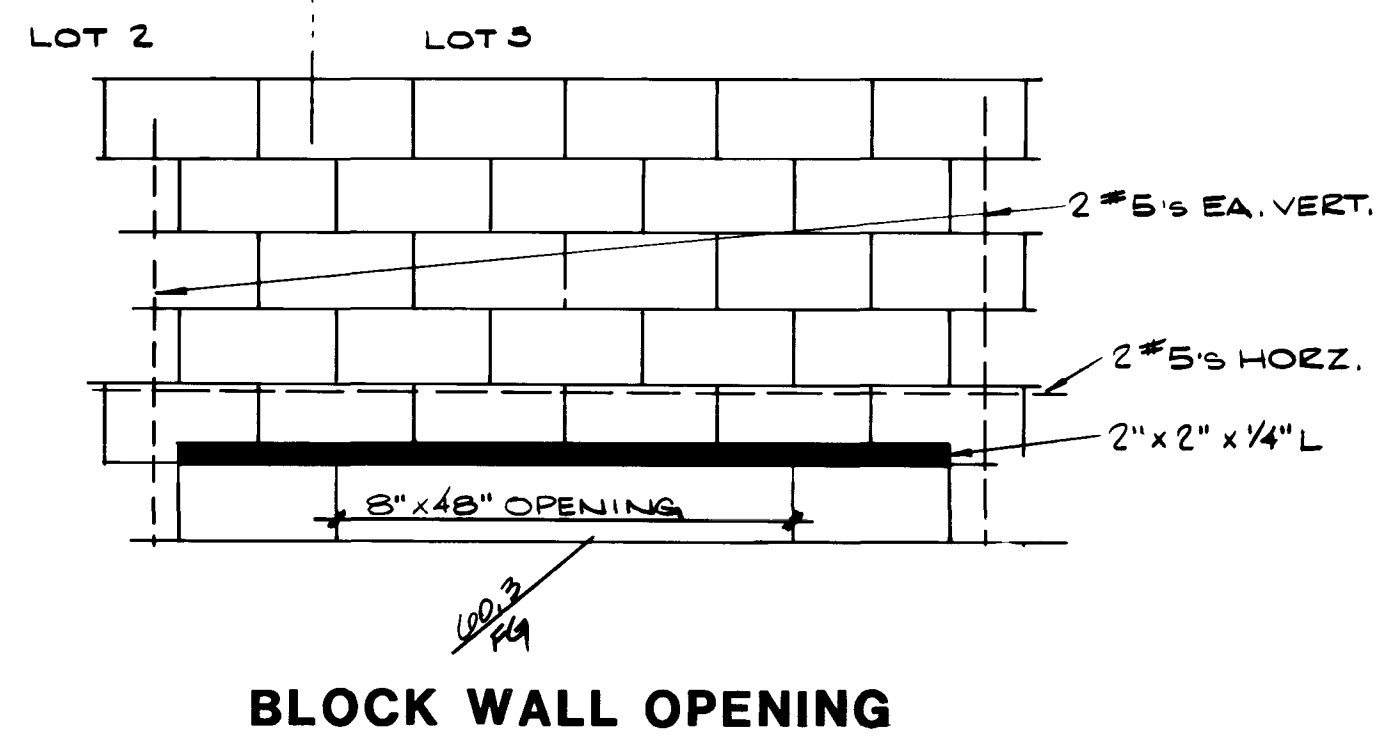


SEWER COORDINATES

	N	E
MH#2	2412.362	1820.943
MH#3	2552.295	1808.343
MH#4	2570.512	1937.258
MH#5	3005.762	1932.571
STUB	2550.268	1755.382



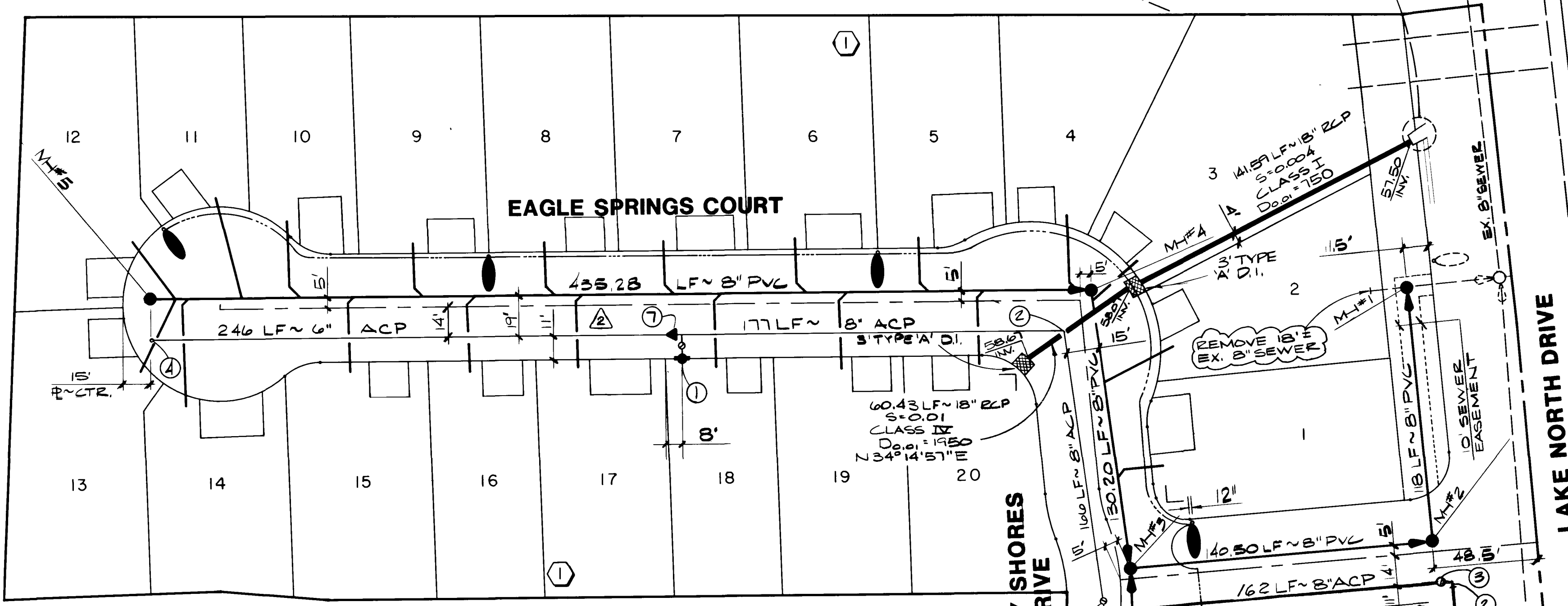
- GENERAL NOTES
- Concrete shall be class A or AA
 - Reinforcing steel shall be deformed bars set 2 1/2" clear of surface. Bar ends shall be kept 1 1/2" clear of surface of concrete. Reinforcing bars may be cut and bent in the field.
 - Footings shall have a minimum of 10" of Type II aggregate.
 - Culvert pipe shall be mitered when headwall is constructed.

LEGEND & QUANTITY ESTIMATE

SEWER	QUANTITY
STD. MANHOLE	5 EA.
8" PVC SEWER MAIN	824 LF.
4" SEWER LATERAL	670 LF.
WYES	20 EA.

WATER	QUANTITY
FIRE HYDRANT ASSY. #	1 EA.
8" 90° BEND	3 EA.
8" GATE VALVE	3 EA.
2" B/O ASSY.	2 EA.
8" TEE	1 EA.
3/4" SERVICE	20 EA.
5/8" METER	20 EA.
8" ACP WATER MAIN	190 LF.

STREET LIGHT	QUANTITY
100 W. HPS MISSION BELL LUM. 1/2 CONC. ADA BASE	4 EA.
EXISTING U.G. CONDUIT	300 LF.
#3 1/2 PULL BOX	1 EA.
UNIT REFLECTOR	1 EA.
6" ST. NAME SIGN	1 EA.
STOP SIGN	1 EA.
DRIVE WAY	1 EA.



- LAS VEGAS VALLEY WATER DISTRICT NOTES
- ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT STANDARD PLATES.
 - 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 OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA.
 - NOTICE TO BE GIVEN ENGINEERING DEPARTMENT OF THE LAS VEGAS VALLEY WATER DISTRICT 48 HOURS PRIOR TO ACTUAL CONSTRUCTION.
 - SERVICE SADDLES WILL BE REQUIRED ON ALL SERVICES 1 1/2" AND LARGER. TAPPED COLLARS ARE PERMITTED ON 1" AND SMALLER. DOUBLE TAP COLLARS ARE NOT PERMITTED.
 - ALL LINES TO BE PRESSURE TESTED TO 200 PSI.
 - DEFLECTION ANGLE SHALL NOT EXCEED 2 1/2 DEGREES PER 13 FOOT SECTION OF PIPE FOR PIPE SIZES SMALLER THAN 14" AND 16".
 - ALL METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS.
 - SERVICE LATERALS FOR LOTS WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF THE LAS VEGAS VALLEY WATER DISTRICT.
 - DETECTOR TAPE REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 23 WHERE INDICATED AND AS FOLLOWS:
A. OVER ALL MAINS NOT INSTALLED AT 6 FEET FROM BACK OF CURB.
B. OVER ALL SERVICE LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAINS.
 - ALL VALVE BOXES SHALL HAVE CONCRETE COLLARS AT SURFACE OF PAVED AREAS.
 - INSTALL SERVICE LATERALS PER LVWD STD. PLATE 1 OR 1A.
 - MINIMUM 24" CLEARANCE FROM CURB TO SERVICE LATERALS.
 - CALL BEFORE YOU DIG-1-800-227-2600.

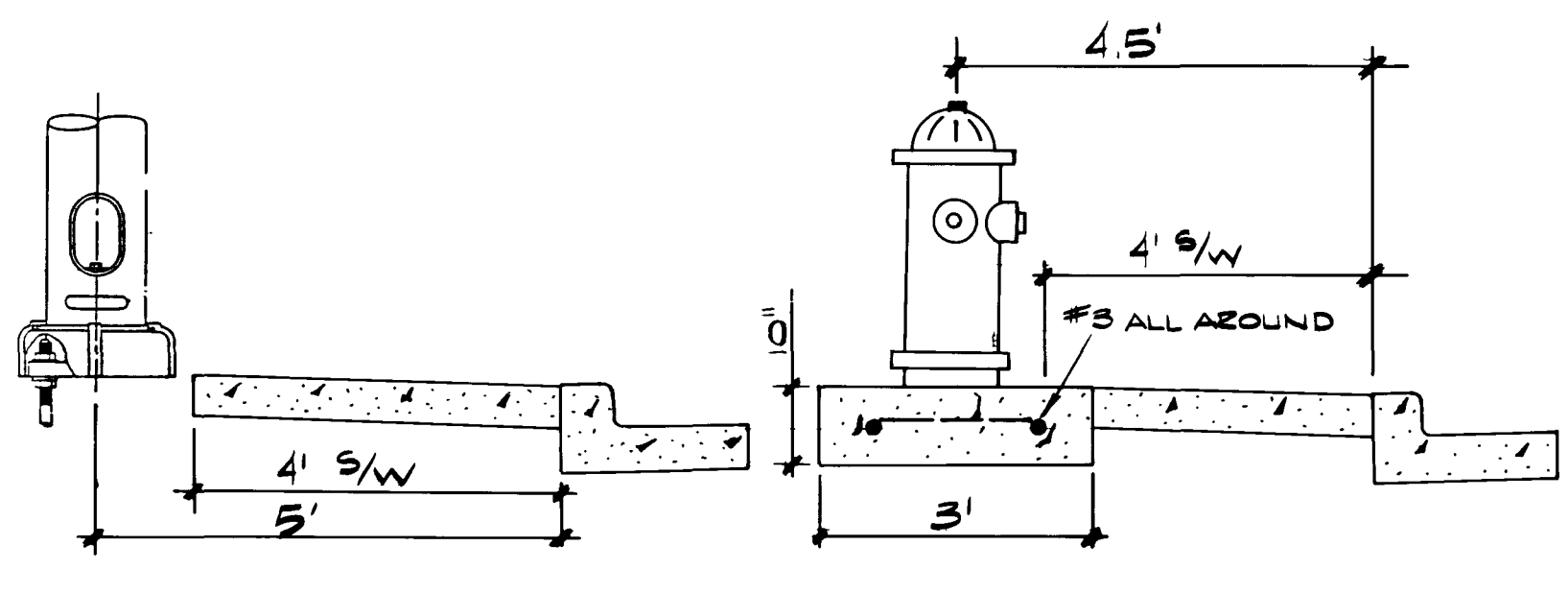
- CLV GENERAL NOTES
- BUILDING SERVICES SHALL COMPLY WITH WESTERN PLUMBING CODE AS TO SEPARATION DISTANCE.
 - ALL BUILDINGS TO BE SERVED INDIVIDUALLY AS PER SECTION 313 OF THE UNIFORM PLUMBING CODE.
 - CONTRACTOR SHALL FURNISH THE ENGINEER WITH AS-BUILT DRAWINGS SHOWING THE EXACT LOCATIONS OF ALL BUILDING CONNECTIONS.
 - CONCRETE COLLARS TO BE CONSTRUCTED AROUND ALL MANHOLES AND WATER VALVES.
 - CHISEL "S" OR "G" WHEREVER SEWER OR GAS LINES UNDER CURB.

CLV STREET LIGHT NOTES

ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ISSUE OF THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF LAS VEGAS, AND SHALL CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, 1978, UNLESS OTHERWISE NOTED.

Approved for construction but not for delivery of domestic water until 2975 pressure zone water service is available.

Dave A. Donnelly 10/20/86
Las Vegas Valley Water District Date



23' Lot B Common Area 20' LVWD Easement

Remove existing 8" water line as required & connect to exist. 8" w/ 90° bend

Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE UTILITIES

George Bernie 10-29-86
C.L.V. ELECTRICAL SUPERVISOR DATE

Eugene Logan 10/30/86
C.L.V. ELECTRICAL COORDINATOR DATE

R. D. Anten 10-29-86
C.L.V. SANITATION SUPERVISOR DATE

L. P. Pule 12/1/86
C.L.V. FIRE MARSHAL DATE

John P. ... 12-3-86
C.L.V. CHIEF LAND DEVELOPMENT DATE

L.V.V.W.D. DATE

John P. ... 2/4/86
NEVADA POWER CO. DATE

REVISION

REV	DATE	BY	DESCRIPTION
1	10/20/86	SCD	ADD STORM DRAIN & HEADWALL
2	10/20/86	SCD	ADD 12" X 6" TEE & 4" ACP SEWER LATERAL
3	10/20/86	SCD	REMOVE 4" ACP CUT (2" X 6" TAP)

DATE: 9/25/86
DRAWN BY: [Signature]
CHECKED BY: [Signature]

PLASTER DEVELOPMENT CITY OF LAS VEGAS

CONSULTING ENGINEERS - PLANNERS
2300 PASEO DEL PRADO, BUILDING A, SUITE 100
LAS VEGAS, NEVADA 89102 PHONE (702) 673-7550

vtm nevada

MASTER UTILITY PLAN
STYLE AT THE LAKES
UNIT 1

NO. 3407
BY: SCD
DATE:
SCALE: 1" = 40'
SHEET 4 OF 6 SHEETS

