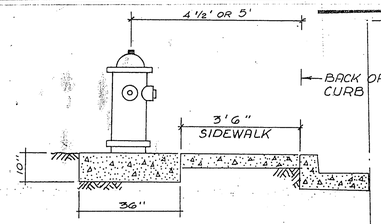


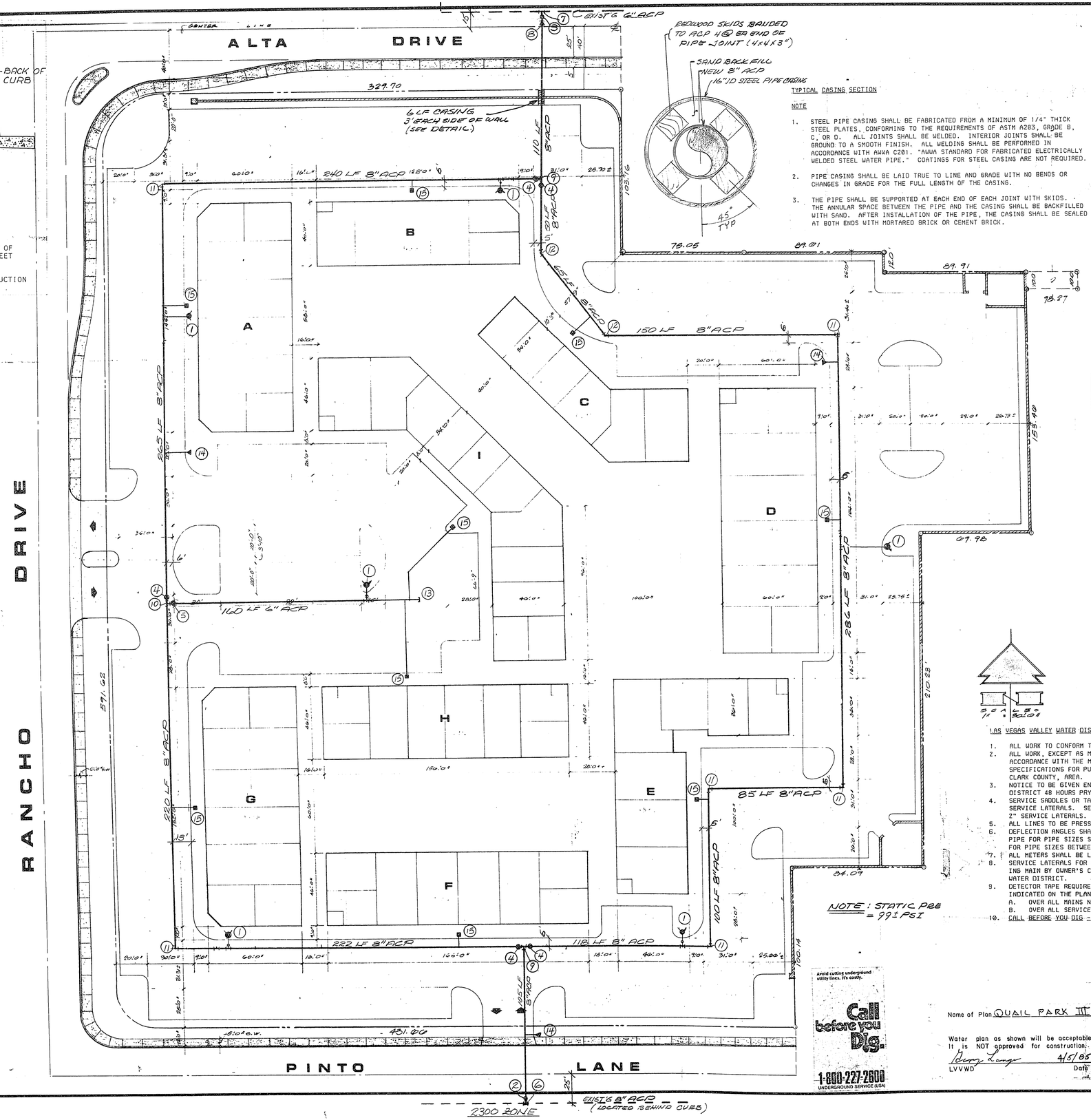
STANDARD FIRE HYDRANT DETAIL
CITY OF LAS VEGAS
"L" CURB

FIRE HYDRANT LOCATION DETAIL

1. NO FIRE HYDRANT SHALL BE LOCATED WITHIN 6' OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREET LIGHT, OR ANY OTHER OBSTRUCTION.
2. FIRE HYDRANTS IN OPERATION PRIOR TO CONSTRUCTION PER CITY OF LAS VEGAS FIRE DEPARTMENT.

LAS VEGAS VALLEY WATER DISTRICT TO DETERMINE THAT FIRE HYDRANTS ARE CONNECTED TO A WATER SUPPLY CAPABLE OF SUPPLYING THE REQUIRED FIRE FLOW.

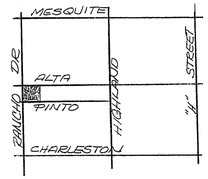
NOTE:
AUTHORIZED FIRE HYDRANTS FOR THIS PROJECT ARE:
A. KENNEDY GUARDIAN
B. MUELER A-423 CENTURION



TYPICAL CASING SECTION

NOTE

1. STEEL PIPE CASING SHALL BE FABRICATED FROM A MINIMUM OF 1/4" THICK STEEL PLATES, CONFORMING TO THE REQUIREMENTS OF ASTM A283, GRADE B, C, OR D. ALL JOINTS SHALL BE WELDED. INTERIOR JOINTS SHALL BE GROUND TO A SMOOTH FINISH. ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C201. "AWWA STANDARD FOR FABRICATED ELECTRICALLY WELDED STEEL WATER PIPE." COATINGS FOR STEEL CASING ARE NOT REQUIRED.
2. PIPE CASING SHALL BE LAID TRUE TO LINE AND GRADE WITH NO BENDS OR CHANGES IN GRADE FOR THE FULL LENGTH OF THE CASING.
3. THE PIPE SHALL BE SUPPORTED AT EACH END OF EACH JOINT WITH SKIDS. THE ANNULAR SPACE BETWEEN THE PIPE AND THE CASING SHALL BE BACKFILLED WITH SAND. AFTER INSTALLATION OF THE PIPE, THE CASING SHALL BE SEALED AT BOTH ENDS WITH MORTARED BRICK OR CEMENT BRICK.



VICINITY MAP

QUANTITIES

1.	FIRE HYDRANT ASSEMBLY	6	EA
2.	8" TAPPING VALVE	1	EA
3.	6" TAPPING VALVE	1	EA
4.	8" VALVE	5	EA
5.	6" VALVE	1	EA
6.	8"x 8" MECH. TAPPING TEE	1	EA
7.	6"x 6" MECH. TAPPING TEE	1	EA
8.	6"x 8" REDUCER	1	EA
9.	8"x 8" TEE	2	EA
10.	8"x 6" TEE	1	EA
11.	8" 90 ELL	6	EA
12.	8" 45 ELL	2	EA
13.	6" CAP W/ 2" BO	1	EA
14.	2" SERVICE (LANDSCAPE)	3	EA
15.	1" SERVICE (DOMESTIC)	9	EA
	8" ACP MAIN	2016	LF
	6" ACP MAIN	160	LF
	16" STEEL CASING	6	LF

LAS VEGAS VALLEY WATER DISTRICT 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 OF EDITION OR UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY, AREA.
3. NOTICE TO BE GIVEN ENGINEERING DEPARTMENT OF THE LAS VEGAS VALLEY WATER DISTRICT 48 HOURS PRYOR TO ACTUAL CONSTRUCTION.
4. SERVICE SADDLES OR TAPPED COLLARS WILL BE REQUIRED ON ALL 3/4" AND 1" SERVICE LATERALS. SERVICE SADDLES ONLY WILL BE PERMITTED ON 1 1/2" AND 2" SERVICE LATERALS. DOUBLE TAPPED COLLARS ARE NOT PERMITTED.
5. ALL LINES TO BE PRESSURE TESTED TO 200 PSI
6. DEFLECTION ANGLES SHALL NOT EXCEED 2 1\2 DEGREES PER 13 FOOT SECTION OF PIPE FOR PIPE SIZES SMALLER THEN 14", AND SHALL NOT EXCEED 2 DEGREES FOR PIPE SIZES BETWEEN 14" AND 16".
7. ALL METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS.
8. SERVICE LATERALS FOR LOTS _____ WILL BE TAPPED ON THE EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF THE LAS VEGAS VALLEY WATER DISTRICT.
9. DETECTOR TAPE REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 27 WHERE INDICATED ON THE PLANS AND AS FOLLOW:
   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.
10. CALL BEFORE YOU DIG - 1-800-227-2600

NOTE: STATIC PRE = 99± PSI

Avoid cutting underground utility lines. It's costly.
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)

Name of Plan QUAIL PARK III

Water plan as shown will be acceptable. It is NOT approved for construction.

LVVWD 4/5/85 Date

APPROVAL

L.V.V.W.D. Date

CITY'S ORIGINAL WAS SIGNED BY
C.L.V. FIRE MARSHALL RAY PEEPLES Date

C.L.V. LAND DEV. & FLOOD CONTROL 5-2-85 Date

REV	DATE	BY	REVISION

CONSULTING ENGINEERS • PLANNERS
2300 PASEO DEL PRADO BUILDING A SUITE 100
LAS VEGAS, NEVADA 89102 PHONE (702) 873-7550

3-4-85

VGI nevada

TITLE MASTER WATER PLAN

PROJECT QUAIL PARK III

WO NO. 3218
BY COS
DATE 3/1/85
SCALE 1" = 30'

SHEET 6 OF 7 SHEETS

8-8-119 567Y - 2535-III