113891

LAS VEGAS VALLEY WATER DISTRICT NOTES

1. ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT LATEST STANDARD PLATES AND SPECIFICATIONS.
2. ALL WORK, EXCEPT AS MODIFIED HEREON OR BY NOTE 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.
3. NOTICE TO BE GIVEN TO THE 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 3/4" AND 1" SERVICE LATERALS. SERVICE SADDLES ONLY WILL BE PERMITTED ON 1 1/2" AND 2" SERVICE LATTERALS. DOUBLE TAPPED COLLARS ARE NOT PERMITTED.
5. ALL LINES TO BE PRESSURE TESTED TO 200 PSI.
6. 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".
7. ALL METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS.
8. DETECTOR TAPE REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 27 WHERE INDICASTED 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.
9. CALL BEFORE YOU DIG – 1-800-227-2600.

NOTE:
FOR INSTALLATION OF SERVICE LATERAL ONLY, FOR FUTURE LOTS:
26, 35-38 and 46-55 BLOCK 3
SERVICE LATERAL SHALL INCLUDE:
-DOUBLE STRAP BRONZE SERVICE SADDLE OR ASBESTOS CEMENT FACTORY-TAPPED COLLAR,
-A CORPORATION STOP
-POLYETHYLENE SERVICE LATERAL
-ANGLE METER STOP (A BALL ANGLE METER STOP FOR 3/4" SERVICES)

CITY OF LAS VEGAS FIRE DEPARTMENT NOTES

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPT. "HYDRANT SPECIFICATIONS" AND "HYDRANT INSTALLATION SPECIFICATIONS".
2. AUTHORIZED HYDRANTS FOR THIS PROJECT ARE:
   A – KENNEDY GUARDIAN
   B – MUELLER A-423 CENTURIAN
3. ON ANY NEW HOME OR BUILDING CONSTRUCTION, ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE COMBUSTIBLE CONSTRUCTION COMMENCES AND SAID FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER WITH AN ADEQUATE WATER SUPPLY
4. CONTRACTOR SHALL PLACE A GREEN REFLECTIVE MARKER AT CENTERLINE OF STREET ADJACENT TO FIRE HYDRANTS.
5. CALL THE LAS VEGAS FIRE DEPARTMENT AT 383-2888 FOR UNDERGROUND INSPECTION PRESSURE AND FLUSH VERIFICATION OF ALL FIRE HYDRANTS AND FIRE LINES BEFORE COVERING.
6. PAINTING OF THE CURBS AND HYDRANT AND ANY WORK NECESSARY FOR PROTECTION OF HYDRANTS FROM PHYSICAL DAMAGE PER THE "HYDRANT INSTALLATION SPECIFICATIONS" SHALL BE COMPLETED BEFORE APPROVAL OF THE HYDRANTS BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.

FIRE HYDRANT SPACING:
RESIDENTIAL 600 FT. MAXIMUM
COMMERCIAL 500 FT. MAXIMUM.

7 FIRE HYDRANTS SHALL BE LOCATED WITHIN 500 FT. OF ANY CONSTRUCTION OR COMBUSTIBLE OPEN STORAGE, AND SHALL BE INSTALLED PRIOR TO CONSTRUCTION.

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

9 NO FIRE HYDRANT SHALL BE LOCATED WITHIN THE REQUIRED RADIUS OF A CUL-DE-SAC OR WITHIN 20' OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.

'O A PERMIT MUST BE OBTAINED FROM THE FIRE DEPARTMENT FOR ONSITE FIRE WATER SYSTEM INSTALLATION PRIOR TO CONSTRUCTION.

LAS VEGAS FIRE DEPARTMENT

FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL BASED ON:

AREA SEPARATION FIRE WALLS MUST BE IDENTIFIED. (NONE)

SQUARE FOOTAGE 3,800 (INCL. 3 CAR GARAGE)

LARGEST AREA BETWEEN AREA SEPARATION WALLS 3,800

HEIGHT 2 STORY

TYPE OF CONSTRUCTION CLASS 1

EXPOSURES 10' MINIMUM

SPRINKLER SYSTEM NONE

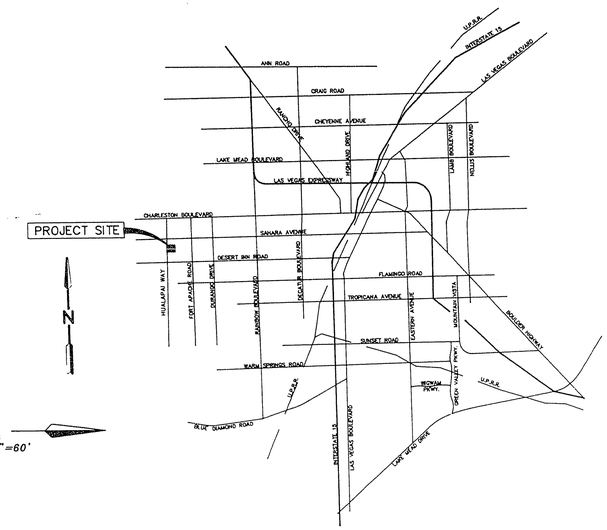
OCCUPANCY RESIDENCE

ROOF CONSTRUCTION CONCRETE TILE

REVIEWED BY:

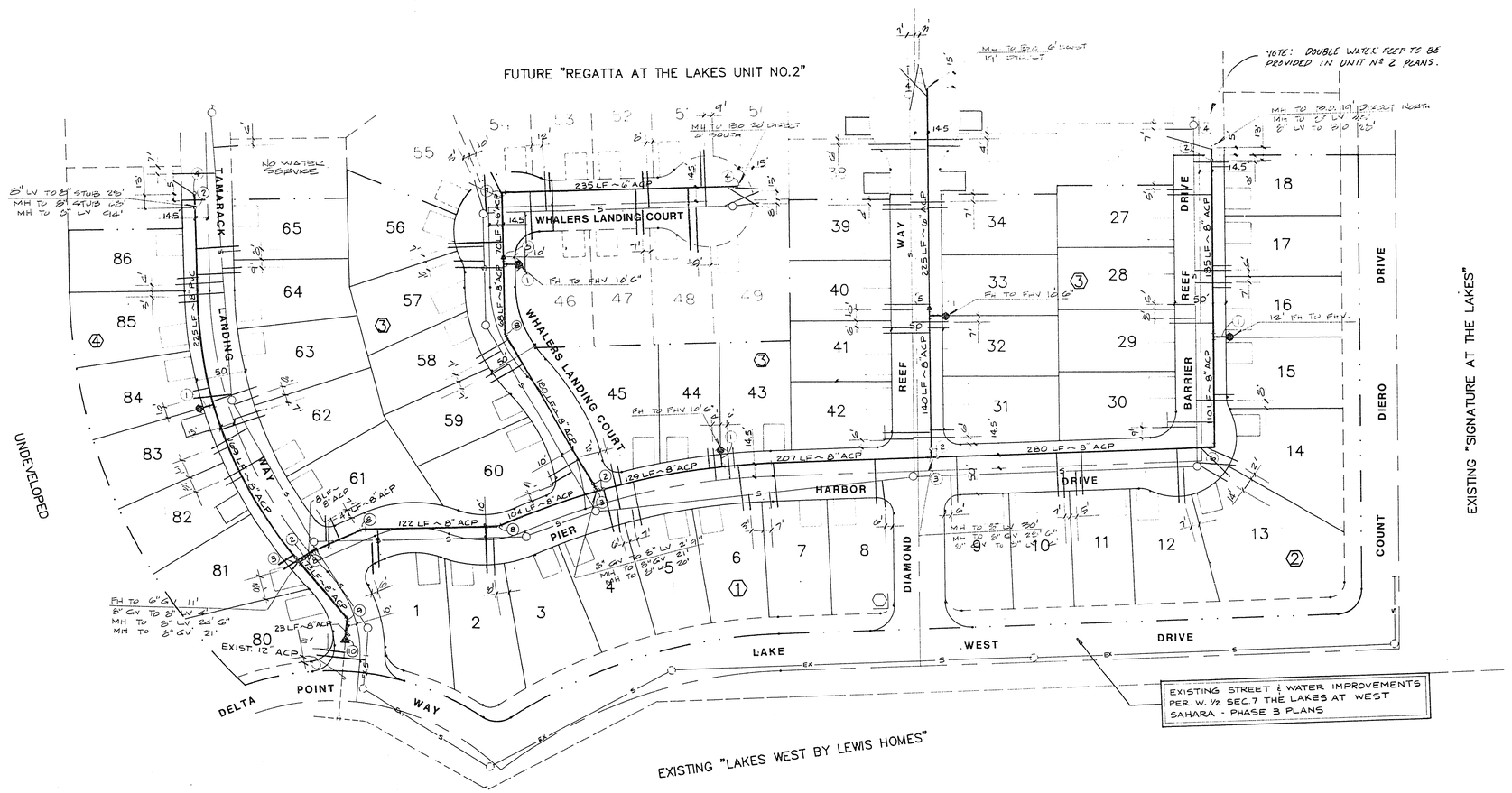
DATE

GPM REQUIRED WITHIN 500 FT. OF ALL BUILDING AREAS.



VICINITY MAP

FUTURE "REGATTA AT THE LAKES UNIT NO.2"



QUANTITY ESTIMATE

8" ACP WATER MAIN	2 070 LF
6" ACP WATER MAIN	530 LF
3/4" METER SERVICE	50 EA.
(1) FIRE HYDRANT W/ASSEMBLY	5 EA
(2) 8" GATE VALVE	6 EA
(3) 8" TEE	3 EA
(4) 2" BLOW-OFF	4 EA
(5) 8" X 6" REDUCER	2 EA
(6) 8" 90° ELL.	1 EA
(7) 6" 90° ELL.	1 EA
(8) 8" 22 1/2° ELL.	4 EA
(9) 8" 45° ELL.	1 EA.
(10) 12" X 8" REDUCER	1 EA.
(11) 6" GATE VALVE	1 EA

APPROVAL

Clarence D. Miller 6/2/88
LAS VEGAS VALLEY WATER DISTRICT DATE

David Bowerman 6/6/88
C.L.V. FIRE MARSHALL DATE

NO.	BY	DATE	REVISION:
1	FSH	4-11-88	REVISED DATE WAS PRELIMINARY
2	PJS	4-22-88	REV. PER L.V.V.W.D. CORRECTIONS

ESI ENGINEERS & SURVEYORS INC.

STATE OF NEVADA — PAUL E. VALENCIA — CERTIFIED ENGINEER — REGISTERED PROFESSIONAL ENGINEER — No. 5915

SUBMITTED BY: Paul E. Valencia

TITLE: MASTER WATER PLAN "AS BUILT"

PROJECT: REGATTA AT THE LAKES UNIT NO. 1

WO NO	5069A
BY	BURCH
DATE	MARCH 88
SCALE	1" = 60'

SHEET 8 OF 9 SHEETS

13-9-88 As Built

567Y-4008-1