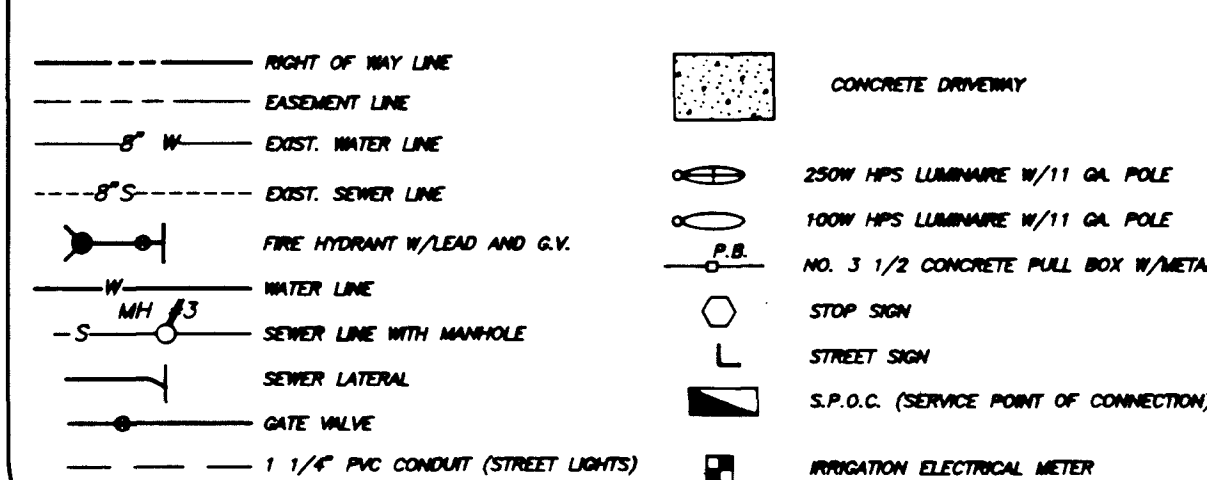


8/13/93

1.	STD. FH. W/6" G.V. & 6" A.C.P. LATERAL	14 EA
2.	6" PVC	3,341 LF
3.	6" 6" TEE	2 EA
4.	6" GATE VALVE	7 EA
5.	6" 90° BEND	2 EA
6.	6" PVC	3,805 LF
7.	8" 8" TEE	3 EA
8.	8" 6" TEE	2 EA
9.	8" GATE VALVE	6 EA
10.	BLOWOFF	3 EA
11.	8" 6" REDUCER	4 EA
12.	3/4" METER	151 EA
13.	3/4" SERVICE	167 EA
14.	1/2" METER	16 EA
15.	1-1/2" IRRIGATION METER & SERVICE	1 EA

1. 6" D-3 STREET NAME SIGN 7 EA

* PAID WITH UNIT #34



ALL STREET LIGHT 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. SEE UNIFORM STANDARD DRAWING NO. 319.

Fire flow Requirement is 1527 gallons per minute at 20 pounds per square inch residual.

Based on:

Square footage 3948 S.F.

Largest area between

area separation walls N/A

Height 21 FEET

Type of Construction **FRAME/STUCCO**Type of Construction 170444E/310000Exposures 15 FEET

Sprinkler System NONE

ACKNOWLEDGMENTS

Occupancy RESIDENTIAL

Roof Construction TILE

Review By: David Brennan

4/20/97

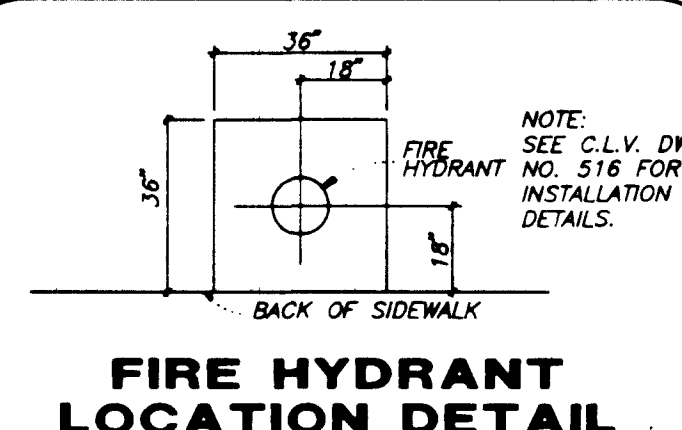
Date: 1/20/12

11. NO WORK SHALL BEGIN ON THE BUTTER PLATES UNTIL THEY HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LYNVED. FOLLOWING APPROVAL OF THE PLANS, NOTICES MUST BE GIVEN TO THE LYNVED CONCERNING THE START OF THE WORK. THE LYNVED HAS 48 HOURS PRIOR TO ACTUAL CONSTRUCTION AND 24 HOURS PRIOR TO AN INSPECTION.
12. CALL BEFORE YOU DIG 1-800-227-2800.
13. ALL WORK SHALL CONFORM TO LYNVED LATEST STANDARD SPECIFICATIONS, DIMENSIONS AND SPECIFICATIONS FOR WORK, EXCEPT AS MODIFIED HEREON AT ANY STATE'S. SHALL BE DONE IN ACCORDANCE WITH THE CURRENT RPT. IN ADDITION TO THE LYNVED STANDARD SPECIFICATIONS FOR HIGHWAY WORKS CONSTRUCTION OFFSHORE IMPROVEMENTS, CLARK COUNTY AREA.
14. DISTRICT APPROVED SERVICE SADDLES OR TAPPED COLLARS SHALL BE REQUIRED ON ALL 3/4" AND 1" DIA. LATERALS WITHIN 10' OF THE MAINLINE AND STANDED COLLARS ON 1 1/2" AND 2" BORN LATERALS. DOUBLE TAPPED COLLARS ARE NOT PERMITTED.
15. COOPER SERVICE LATERALS: ALL 3/4" TO 1" SERVICE LATERALS SHALL BE OF COPPER TUBING AND IN ACCORDANCE WITH THE LYNVED STANDARD SPECIFICATIONS FOR HIGHWAY WORKS CONSTRUCTION OFFSHORE IMPROVEMENTS, CLARK COUNTY AREA.
16. THE MAXIMUM ALLOWABLE JOINT DEFLECTION FOR ACP AND DUCTILE IRON PIPE SHALL BE AS FOLLOWS:
- | PIPE SIZES | AGE | DUCTILE IRON PIPE | DUCTILE IRON PIPE |
|------------|------------|-------------------|-------------------|
| | | NEW | REPLACEMENT |
| 8" PIPE | 23 DEGREES | 25 DEGREES | 25 DEGREES |
| 10" PIPE | 23 DEGREES | 25 DEGREES | 25 DEGREES |
| 12" PIPE | 23 DEGREES | 25 DEGREES | 25 DEGREES |
| 18" PIPE | 23 DEGREES | 25 DEGREES | 25 DEGREES |
| 24" PIPE | 23 DEGREES | 25 DEGREES | 25 DEGREES |
- ON P.W. PIPE, THE MAXIMUM OFFSET FOR A 30' LENGTH OF FACTORY BELLED PIPE SHALL BE 12" FOR 8" PIPE, 12 INCHES FOR 10" PIPE, 11 INCHES FOR 10" PIPE AND 9 INCHES FOR 12" PIPE.
17. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
18. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS AND VALLEY OUTLETS.
19. DETECTOR TAP IS REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 27 WHERE INDICATED, AND AS FOLLOWS:
- 1) OVER ALL MAINS NOT INSTALLED 8 FEET FROM BACK OF CURB.
 - 2) OVER ALL SERVICE LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAIN.
11. ALL WATER MAINS ARE TO BE PRESSURED TESTED AT 200 PSI FOR A CONTINUOUS TWO HOUR
12. ALL WATER MAINS AND LATERALS SHALL BE DISINFECTED AND FLUSHED, AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO ACCEPTANCE BY THE DISTRICT.
13. CONTRACTOR TO OBTAIN ALL METERS 2" & SMALLER FROM LYNVED'S GOVTG. STORES.

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPARTMENT "HYDRANT SPECIFICATIONS". "HYDRANT SPECIFICATIONS" AND "HYDRANT MAINTENANCE AND REPAIRS MANUAL" SHALL BE THE BASIS FOR ALL WORK.
2. AUTHORIZED HYDRANTS FOR THIS PROJECT ARE:
 - A - REMANENT GUARDIAN
 - B - BULLMAN 44-423 CONTINUUM
 - C LOW 3000 44-423 CONTINUUM
3. ON ANY NEW HOME OR EXISTING IMPROVEMENT, ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE COMPLETION OF CONSTRUCTION AND SHALL BE IN GOOD WORKING ORDER AND BE IN GOOD WORKING ORDER WITH AN ADEQUATE WATER SUPPLY.
4. CONTRACTOR SHALL PLACE A BLUE REFLECTIVE MARKER AT CENTER-LINE OF STREET ADJACENT TO FIRE HYDRANT AS REQUIRED IN ORDER TO BE ABLE TO LOCATE FIRE HYDRANT LOCATIONS.
5. CALL THE LAS VEGAS BUILDING DEPARTMENT AT 799-7807 FOR UNDERGROUND INSPECTION, PRESSURE AND FLOW VERIFICATION OF ALL HYDRANTS AND FIRE LINES PRIOR TO ANY WORK BEGANNING.
6. PAINTING OF THE CURBS AND HYDRANTS AND ANY WORK NECESSARY FOR PROTECTION OF HYDRANTS FROM PHYSICAL DAMAGE PER ORDINANCE SHALL BE COMPLETED BEFORE ANY OTHER WORK BY THE CITY OF LAS VEGAS FIRE DEPARTMENT.
7. A PERMIT IS REQUIRED FROM THE FIRE DEPARTMENT FOR ON-SITE WATER SUPPLY. THE PERMIT SHALL BE OBTAINED FROM THE CITY OF LAS VEGAS FIRE DEPARTMENT AND THE CITY ENGINEER. THE CITY ENGINEER SHALL BE THE AUTHORITY FOR THE PERMIT. THE CITY ENGINEER SHALL BE THE AUTHORITY FOR THE PERMIT. THE CITY ENGINEER SHALL BE THE AUTHORITY FOR THE PERMIT.
8. A FLOW TEST WILL BE UNDERGOING BY THE FIRE DEPARTMENT PRIOR TO OCCUPANCY FOR VERIFICATION OF REQUIRED ON-SITE WATER SUPPLY.
9. ALL ON-SITE FIRE MAIN MATERIALS SHALL BE U.L. LISTED AND F.E. APPROVED
10. FIRE HYDRANT SCHEDULE:
 - RESIDENTIAL - 300 FEET UNLAP-FLANNERY, 300 FEET SPINWALDIZED INCLUDING MULTI-FAMILY - 300 FEET SPINWALDIZED
 - 400 FEET SPINWALDIZED
11. NO FIRE HYDRANTS SHALL BE LOCATED WITHIN THE REQUIRED INSUREANCE ZONE OF 150 FEET OF THE PERIMETER OF THE POLYDOL OF THE CUL-DE-SAC.
12. NO FIRE HYDRANT SHALL BE LOCATED WITHIN 6 FEET OF ANY CURB RAMP DRIVEWAY, POWER POLE, STREET LIGHT OR ANY OTHER OBSTRUCTION.
13. NOT MORE THAN 2 HYDRANTS CAN BE OUT OF SERVICE DUE TO A SINGLE MAIN BREAK.
14. THE TURNING RADII FOR ANY FIRE APPARATUS ACCESS ROAD AND/OR FIRE LINES SHALL BE NOT LESS THAN 45 FEET OUTSIDE RADIUS AND 22 FEET INSIDE RADIUS.
15. A FIRE APPARATUS ROAD SHALL BE REQUIRED WHEN ANY PORTION OF AN EXISTING OR PROPOSED ROAD IS NOT LESS THAN 45 FEET OUTSIDE RADIUS FOR A FIRE DEPARTMENT VEHICLE ACCESS. (SEE EXCEPTIONS IN LFC SECTION 12.02.07)
16. ALL DEAD END FIRE APPARATUS ACCESS ROADS AND/OR FIRE LINES PLACED OR PLANNED IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH TURNAROUND OR TURNAROUND SHALL BE NOT LESS THAN 45 FEET OUTSIDE RADIUS AND 22 FEET INSIDE RADIUS.

- CLV BENCHMARK: TOP OF CURB AT END OF CURB, WEST SIDE
OF DURANGO DRIVE, 250' SOUTH OF WESTCLIFF BOULEVARD.
ELEVATION: 2610.16
-  PROJECT BENCHMARK: BRASS CAP IN IRON PIPE,
100' NORTH AND 100' WEST OF THE INTERSECTION
OF SUN CITY BLVD. AND THOMAS W. RYAN BLVD..
N 532,708.153, E 577,416.901
ELEVATION: 2855.24

**Call
before you
Dig.
1-800-227-2600**
UNDERGROUND SERVICE (USA)



This approval is only for the placement and
clearance of street light and signal light
installations.

4-20-92
(DATE)

by Arthur Lewis
NEVADA POWER COMPANY

APPROVED FOR CONSTRUCTION

1276 JH 4/28
LAS VEGAS WATER DISTRICT DAY

AS-BUILTS"

DEL WEBB COMMUNITIES, INC.
SUN CITY LAS VEGAS UNIT NO. 1
UTILITY PLANT

SHEET
4
OF 25 SHEETS

MATCH LINE - SEE SHEET 6

MATCH LINE - SEE SHEET 5

INSTALL 6" ZONE VALVE

2860 WATER ZONE
2975 WATER ZONE

OF 25 SHEETS