

SEWER CONSTRUCTION NOTE:
THE DOWNSTREAM SEWER SYSTEM(S) THAT WILL SERVE THIS PROJECT HAS NOT BEEN COMPLETED AND/OR ACCEPTED FOR MAINTENANCE BY THE CLV. ANY WORK DONE ON THIS PROJECT PRIOR TO THE COMPLETION AND/OR ACCEPTANCE OF THE DOWNSTREAM SEWER SYSTEM(S) SHALL BE DONE AT THE DEVELOPER'S OWN RISK. THE CITY OF LAS VEGAS RESERVES THE RIGHT TO PREVENT THE PHYSICAL CONNECTION OF THIS PROJECT INTO THE DOWNSTREAM SEWER SYSTEM UNTIL ALL SEGMENTS HAVE BEEN COMPLETED AND ACCEPTED FOR MAINTENANCE OR UNTIL SUCH TIME AS THEY HAVE BEEN DEEMED AVAILABLE FOR SERVICE.

STREET LIGHTING NOTES (PRIVATE)
STREET LIGHTS WILL BE PRIVATE CUSTOM LIGHTING
1. ALL STREET LIGHTING INSTALLATIONS EXCEPT AS NOTED ON THE UTILITY PLANS SHALL CONFORM TO THE IMPROVEMENT STANDARDS, DEPARTMENT OF PUBLIC WORKS, CLARK COUNTY, NEVADA AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, (LATEST EDITION)
2. ALL STREET LIGHT POLES SHALL BE CUSTOM
3. ALL HANDHOLE COVERS MUST BE INSTALLED, POLE CAPS POURED, AND PULLBOX LIDS BOLTED DOWN PRIOR TO ENERGIZING CIRCUIT. ALL WIRE MUST HAVE THW INSULATION.

ESTIMATE OF WATER QUANTITIES

| | |
|-------------------------------|---------|
| ① FIRE HYDRANT ASSEMBLY | 3 EA |
| ② 8" - 90° BEND | 0 EA |
| ③ 6" x 6" x 6" TEE | 1 EA |
| ④ 8" GATE VALVE | 4 EA |
| ⑤ 6" GATE VALVE | 4 EA |
| ⑥ 8" x 8" x 6" TEE | 4 EA |
| ⑦ 2" B.O. VALVE | 3 EA |
| ⑧ 8" x 8" x 8" TEE | 1 EA |
| 8" PVC WATER MAIN | 1970 LF |
| 6" PVC WATER MAIN | 213 LF |
| 1" WATER SERVICE | 34 EA |
| 3/4" WATER METER (FROM LVWWD) | 34 EA |
| 3/4" R.P.P.A. | 1 EA |

NOTE: THESE QUANTITIES ARE ESTIMATES ONLY. THE CONTRACTOR SHALL VERIFY.
A 1" x 3/4" ANGLE METER STOP AND 3/4" METER BOX WILL BE REQUIRED WITH THE 1" SERVICE LATERALS FOR ALL SERVICES WITH 5/8" OR 3/4" SERVICES. DETAILS OF THE ABOVE INSTALLATION ARE AVAILABLE FROM UDACS PLATE 1-B

TRAFFIC AND ST. LIGHT QUANTITIES

| | |
|-------------------------------------|----------|
| STREET NAME SIGN (PER STD DWG #250) | 2 EA |
| STREET LIGHT (PRIVATE) | 11 EA |
| 1-1/4" PVC CONDUIT & WIRE | 1,900 LF |

LAS VEGAS FIRE DEPARTMENT
FIRE FLOW REQUIREMENT IS 2,000 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL.
BASED ON:
SQUARE FOOTAGE _____ 6000
HEIGHT _____ TWO-STORY
TYPE OF CONSTRUCTION _____ TYPE 5
SPRINKLER SYSTEM _____ NONE
OCCUPANCY _____ SINGLE-FAMILY
ROOF CONSTRUCTION _____ TILE
NOTE: THIS SUBDIVISION HAS 2 SOURCES OF WATER.
Signature: [Signature] 6-14-99

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

BENCHMARK
NATIONAL GEODETIC VERTICAL DATUM OF 1929 (DATUM USED)
0LV003155WS, RIVET & PLATE IN TOP OF CURB ON CHARLESTON BOULEVARD 1690' WEST OF GRAND CANYON DRIVE, NORTH CURB LINE AT DROP INLET. CITY OF LAS VEGAS DATUM ELEVATION = 2865.191 (FOR CONVERSION TO 1988 DATUM, ADD 2.46')

BASIS OF BEARINGS
NORTH 89°41'10" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 31, TOWNSHIP 20 SOUTH, RANGE 60 EAST, MOUNT DIABLO MERIDIAN, AS SHOWN ON A MAP ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE IN FILE 76, PAGE 85 OF PARCEL MAPS.
THE ABOVE REFERENCED LINE IS ALSO THE APPROXIMATE CENTERLINE OF CHARLESTON BOULEVARD, DIRECTLY EAST OF HUALAPAI WAY.

FIRE DEPARTMENT APPROVAL
APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LVWWD.

FIRE DEPARTMENT INSTALLATION
FIRE HYDRANT(S) TO BE INSTALLED IN ACCORDANCE WITH THE UDACS STANDARD PLATE NO. 7 THE LVWWD.

NOTE
ALL STREETS ARE PRIVATE DRIVES, PUBLIC UTILITY EASEMENT, CITY OF LAS VEGAS SEWER EASEMENT AND PUBLIC DRAINAGE EASEMENT (PRIVATELY MAINTAINED).

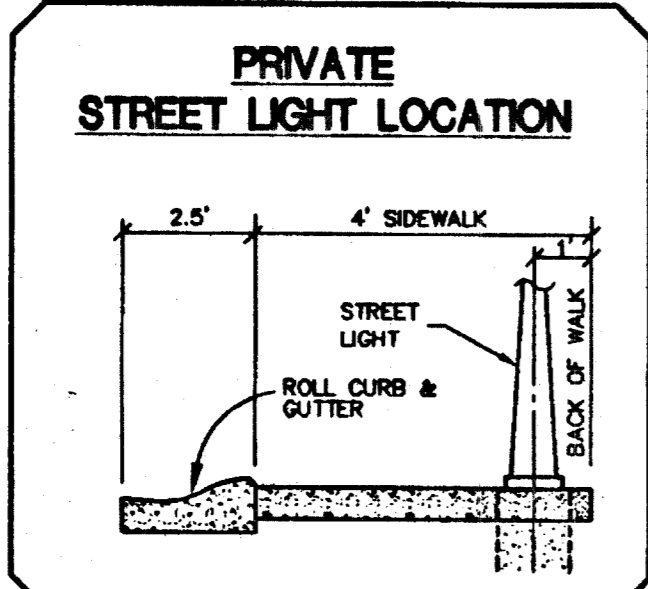
(1-3/4") REDUCED PRESSURE PRINCIPLE ASSEMBLY
APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVWWD.
ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

AS-BUILT
BASED ON INFORMATION PROVIDED BY OTHERS. THIS INFORMATION HAS NOT BEEN FIELD VERIFIED BY STANTEC CONSULTING, INC.

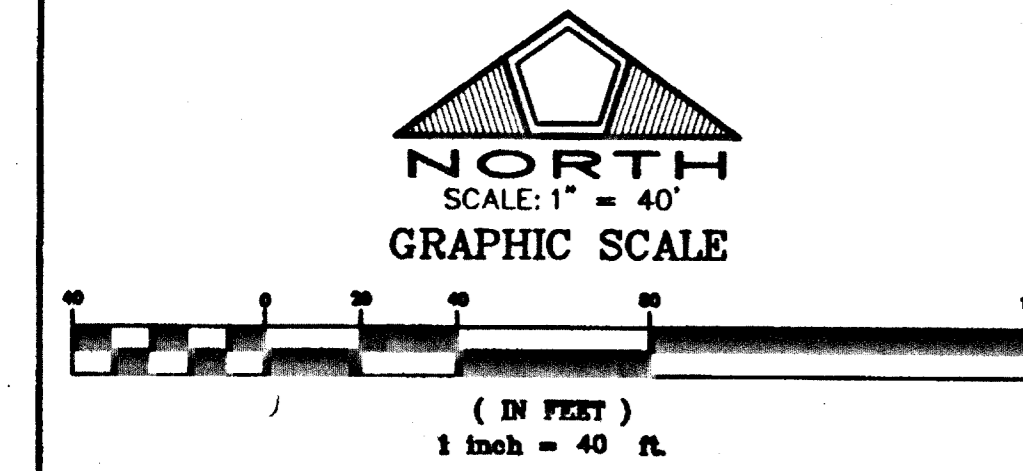
SEWER CONTRIBUTION AVG. DAILY SEWER CONTRIBUTION = 0.00925 MGD
PEAK SEWER CONTRIBUTION = 0.02868 MGD

NOTE
EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CALL BEFORE YOU DIG: 1-800-227-2600.

* BWV - SEWER BACK WATER VALVE



PROJECT NAME: PECCOLE WEST LOT 10 PARCEL 18-3 PHASE II
DATE: 7-15-99
NOT APPROVED FOR CONSTRUCTION
Signature: [Signature] 7-15-99

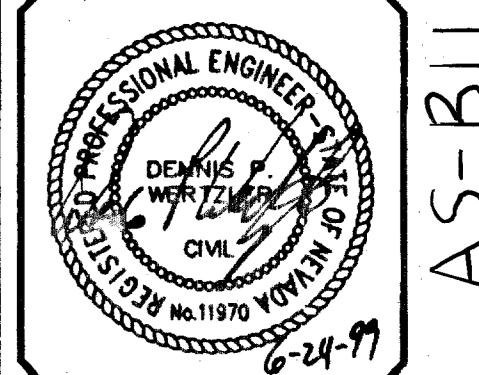


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|-----|---------------------------------------|---------|-------------|
| NO. | DESCRIPTION | DATE | APPROVED |
| 1 | CHANGE LAYOUT TO MATCH SEWER PROPOSED | 6-14-99 | [Signature] |

COLEMAN HOMES
1635 VILLAGE CENTER CIRCLE, SUITE 100
LAS VEGAS, NEVADA 89134
PENTACORE
CIVIL ENGINEERING, LAND SURVEYING, PLANNING
CONSULTING WEST CHARLESTON BOULEVARD
LAS VEGAS, NEVADA 89102 (702)234-9800

UTILITY PLAN I
PARCEL 18-3, PHASE 2
OF PECCOLE WEST, LOT 10

| | |
|--------------|-------------|
| DATE: | 5/28/99 |
| DESIGNED BY: | [Signature] |
| CHECKED BY: | [Signature] |
| DATE: | 02/24/00 |
| SCALE: | 1"=40' |



SHEET **AS-BUILT** 3 OF 12
CLV. DWG.# 307V-4438-110-2