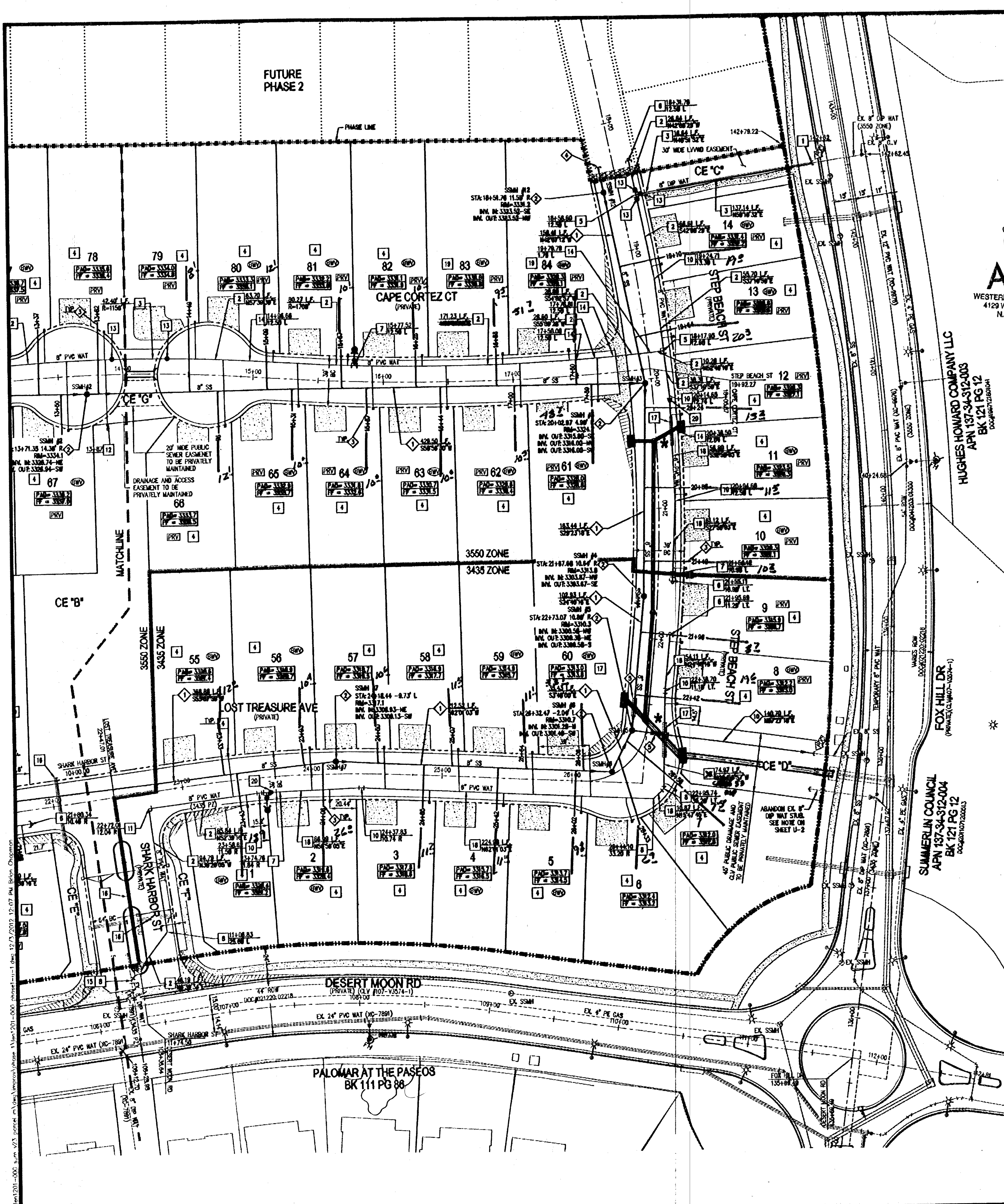
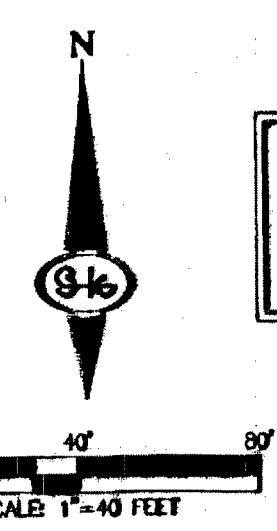




ASBUILT
WESTERN STATES CONTRACTING, INC.
4129 W. CHEYENNE AVE. SUITE B
N. LAS VEGAS, NV 89032



THIS PROPERTY MAY HAVE STATE PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT UNIFORM, ON-SITE PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PVP'S ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LIVING FACILITIES.

ADJUST ALL EXISTING WATER VALVE BOXES TO FINISHED GRADE FOR UNIFORM PLATE NO. 36 VALVES SHALL BE ACCESSIBLE AT ALL TIMES.

ABOVE GROUND UTILITY NOTE
ALL ABOVE GROUND UTILITY SHALL COMPLY WITH TITLE 18.00 UTILITY SCREENING REQUIREMENTS. ALL ABOVE GROUND UTILITIES GREATER THAN 27 CUBIC FEET SHALL BE SETBACK A MINIMUM OF 3 FEET FROM THE BACK OF SIDEWALK AND SHALL INCLUDE VEGETATION THAT UPON MATURITY WILL ADEQUATELY SCREEN SUCH EQUIPMENT FROM PUBLIC VIEWS.

ABANDONED VALVES CUT AND CAP
ALL VALVES TO BE ABANDONED SHALL BE ABANDONED IN THE CLOSED POSITION UNLESS SHOWN OTHERWISE BY REMOVAL. A MINIMUM OF TWO INCHES (2") OF THE VALVE BODY SHALL BE REMOVED. THE REMAINING PORTION OF THE VALVE SHALL BE FILLED WITH CONCRETE, RAINING A COMPREHENSIVE STRENGTH OF AT LEAST TWO THOUSAND (2000) PSI. THE LATERAL MUST BE CUT WITHIN ONE (1) FOOT OF THE ABANDONED VALVE OR AS SHOWN ON PLANS, AND CAPPED. THE CONTRACTOR SHALL CUT THE EXISTING PIPE WHERE SHOWN ON THE DRAWING AND INSTALL A CAP COMPLETE WITH THRUST BLOCKS, WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION. THE INSTALLATION OF A CAP SHALL BE INSTALLED AT ALL CAP OR PLUG LOCATIONS IN ACCORDANCE WITH THE PROVISIONS OF UNIFORM PLATE NO. 36.

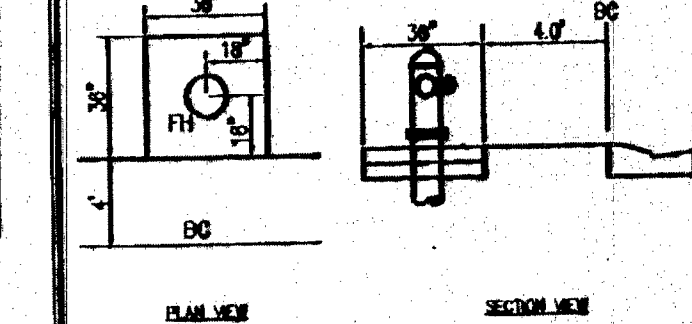
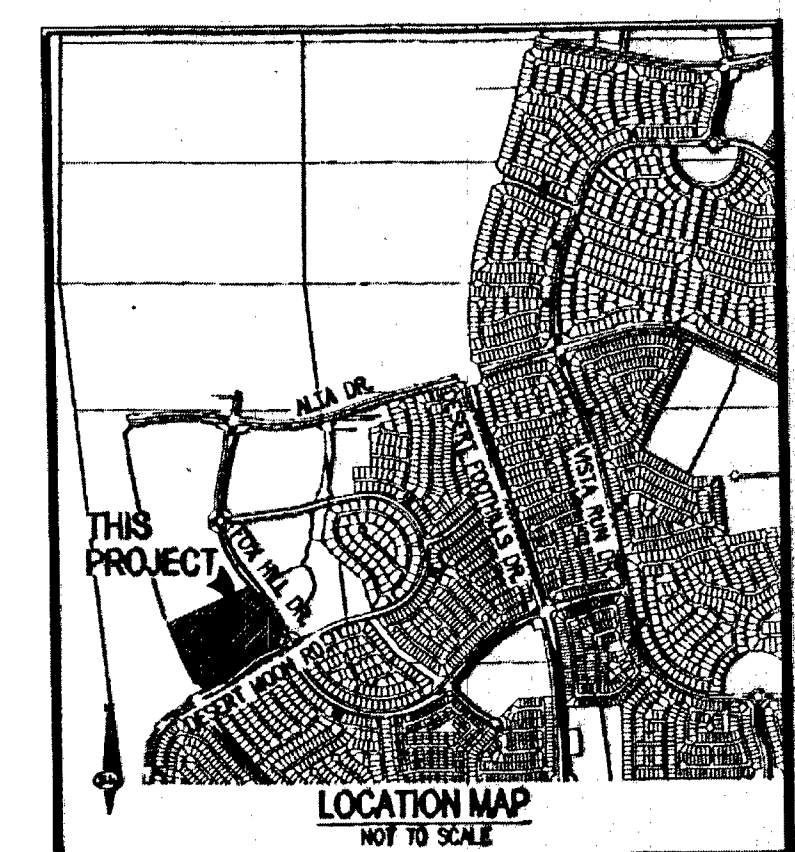
BENCHMARK
BENCH #1 PLATE IN TOP OF CURB IN THE SOUTHWEST CORNER OF DESERT MOON ROAD & DESERT SUNRISE ROAD, 4005454545
NAVD 88 ELEVATION = 1008.288 METERS = 3304.47 FEET

BASIS OF BEARING
NORTH 05°50'00" WEST, BEING THE BEARING OF THE WEST LINE OF SECTION 34, TOWNSHIP 20 SOUTH, RANGE 50 EAST, MOON, CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN BOOK 143, PAGE 47 OF PLATS IN THE CLARK COUNTY RECORDS' OFFICE, NEVADA.

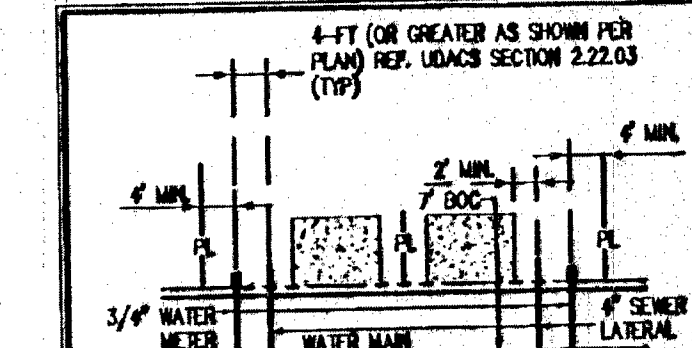
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING FOR UNIFORM PLATE NO. 15.

WATER MAIN JOINT DEFLECTION
FOR ALL JOINTS, THE P.V.C. PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UNIFORM 2.07.01 AND 2.07.02.

FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

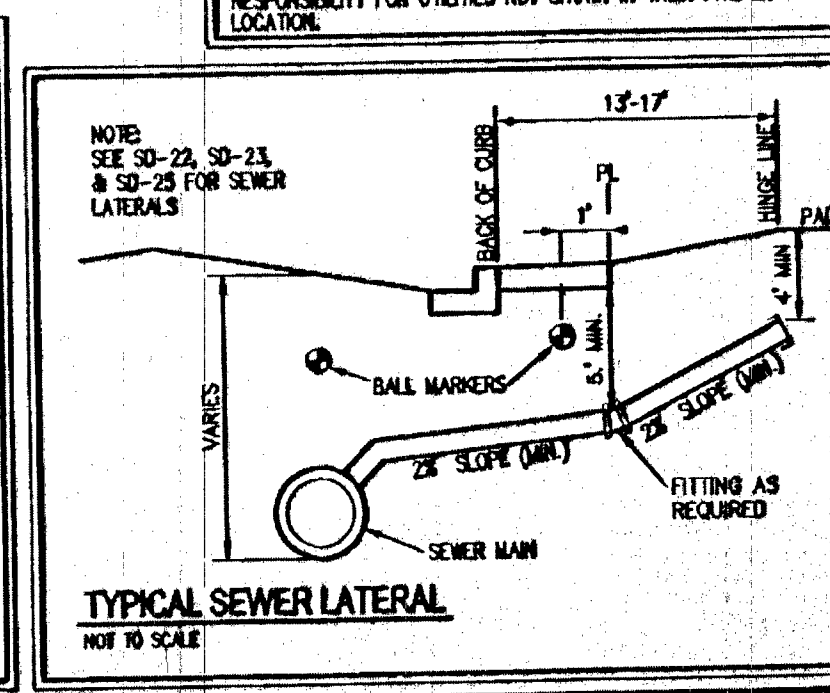
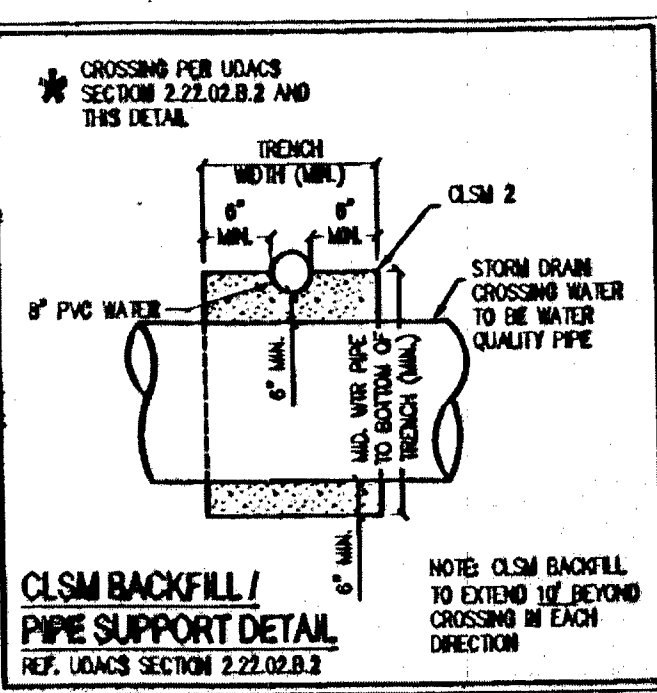


TYPICAL FIRE HYDRANT LOCATION DETAIL

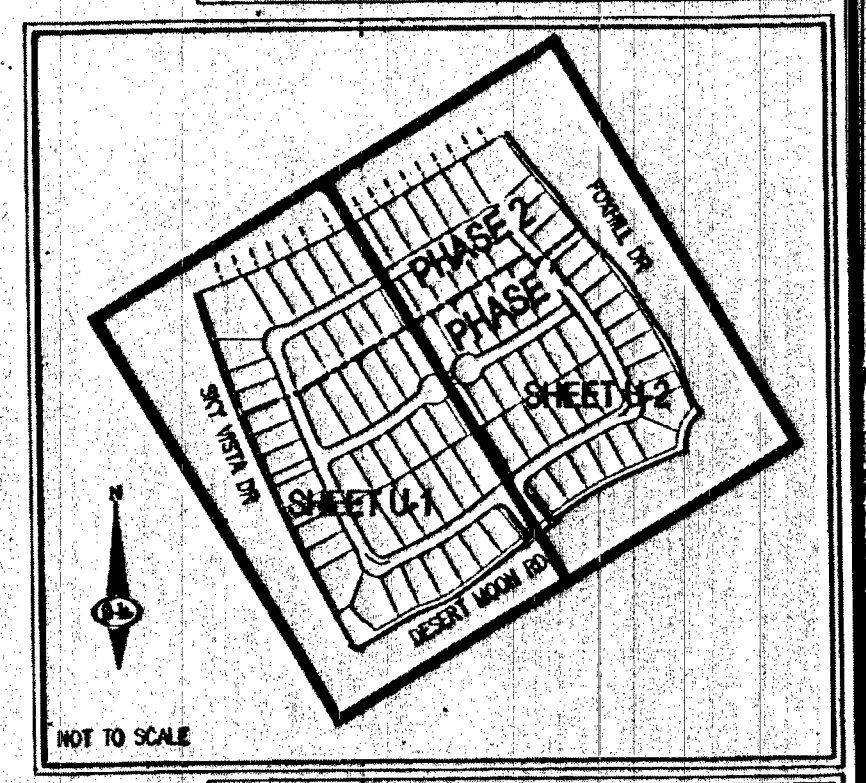


TYPICAL UTILITY LOCATION (SIZES AS NOTED ON PLANS)

DISCLAIMER NOTE
EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL UTILITIES AND TO VERIFY THE SAME PRIOR TO CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE CONTRACTOR ASSUMES RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.



REDUCE PRESSURE PRINCIPLE ASSEMBLY (RPP) SHALL BE INSTALLED PER UNIFORM PLATE NO. 36. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION. THE REDUCE PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LIVING. ANY BACKFLOW PREVENTION SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENTS TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.



NOT TO SCALE

- WATER NOTES**
1. REMOVE EX. CAP AND BLOW-OFF ASSEMBLY AND CONNECT TO EX. 8\"/>
 2. INSTALL 8\"/>
 3. INSTALL 8\"/>
 4. INSTALL 3\"/>
 5. INSTALL 1\"/>
 6. INSTALL 1\"/>
 7. INSTALL 1\"/>
 8. INSTALL 1\"/>
 9. INSTALL 1\"/>
 10. INSTALL 1\"/>
 11. INSTALL 1\"/>
 12. INSTALL 1\"/>
 13. INSTALL 1\"/>
 14. 1\" MAX. DEFLECTION
 15. ABANDON AND CONNECT TO EXISTING 8\"/>
 16. 2\"-EAL. (SO-40) P.V.C. AND 1\"-EAL. (SO-40) P.V.C. SEWER
 17. INSTALL CLSM BACKFILL / PIPE SUPPORT FOR DETAIL ON SHEET U-2
 18. INSTALL 8\"/>
 19. INSTALL 1\"/>
 20. INSTALL 8\"/>
- SEWER NOTES**
- ◆ INSTALL 8\"/>
 - ◆ INSTALL 4\"/>
 - ◆ INSTALL 4\"/>
 - ◆ STOP AND CAP 8\"/>
 - ◆ INSTALL SEWER PROTECTION PER SO-21
- SEE SHEET C-2 FOR QUANTITIES AND ABBREVIATIONS

- GENERAL NOTES**
1. REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS AND/OR PAVERS) DAMAGED UNDER CLARK COUNTY'S JURISDICTION THAT ARE DISTURBED DURING WORK OR MOVED BY TRENCHING ACTIVITIES TO CLARK COUNTY'S SATISFACTION. ALL MATERIAL USED SHALL MEET CLARK COUNTY'S SPECIFICATIONS OR SHALL BE AN APPROVED EQUIVALENT.
 2. IN THE EVENT THAT THE TRAFFIC SIGNAL CONDUITS, LOOP DETECTORS OR ASSOCIATED EQUIPMENT ARE DAMAGED BY CONTRACTOR, THE CONTRACTOR SHALL REPAIR OR REPLACE THE SAME. THE CONTRACTOR TO MAKE REPAIRS FOR UNIFORM SPECIFICATION NO. 623.01.02.
 3. ALL SEWER / STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UNIFORM DESIGN AND CONSTRUCTION STANDARDS AND CLEARANCES).
 4. THE CONTRACTOR IS TO VERIFY THE ACTUAL FIELD CONDITIONS OF ALL UTILITIES AND INSTALL SEWER CHECK VALVES WHERE REQUIRED PER THE LATEST EDITION OF THE UNIFORM PLUMBING CODE.
 5. FITTINGS SHALL NOT FALL UNDER CURBS, GUTTERS OR SIDEWALKS.

APPROVAL
K. Miller
LAS VEGAS FIRE AND RESCUE

APPROVED FOR CONSTRUCTION
Donna Hendo
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 12/10/12, PROJECT NO. 12008
LIVING APPROVED FLOW: 3000 GPM AT 20 PSI RESIDUAL

SUMMERLINE
SUMMERLINE RESIDENTIAL DESIGN REVIEW COMMITTEE
DATE: 12/10/12
THIS SIGNATURE IS LIMITED TO APPROVAL OF THESE DOCUMENTS FOR CONFORMANCE TO THE DESIGN INTENT OF THE APPLICABLE DESIGN CONTROL MEASURES. SUMMERLINE NOR THE COMMITTEE IN RESIDENTIAL DESIGN REVIEW COMMITTEE ASSUMES RESPONSIBILITY FOR PLANNING CONFORMANCE WITH APPLICABLE LAWS, ORDINANCES, AND CODES.

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
4040 S. ANNULLE STREET, SUITE 400, LAS VEGAS, NV 89119
PHONE (702) 264-4800 FAX (702) 264-4800

LENNAR
ESPERANZA PHASE 1
UTILITY PLAN II

DATE: 11/29/12
DRAFTER: BCC
DESIGNER: BCC
CHECKED: STS
PROJECT NO. LEN1201.000

U-2
SHEET 16 OF 18
107V5900

ASBUILT