

LAS VEGAS VALLEY WATER DIST. NOTES

1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LVVWD. 48 HOUR NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) PRIOR TO THE START OF CONSTRUCTION. NOTICE MUST BE GIVEN BY 2:00 P.M. THE BUSINESS DAY PRIOR TO A LVVWD INSPECTION.
2. ALL WORK SHALL CONFORM TO THE LVVWD'S STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS AND THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (UDACS), LATEST EDITION.
3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
7. VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
8. THE FOLLOWING REQUIREMENTS MUST BE MET IN THE EVENT A WATER LINE AND SANITARY OR STORM SEWER LINE CROSS:

A. MINIMUM EIGHTEEN (18) INCH VERTICAL SEPARATION (OUTSIDE TO OUTSIDE) MUST BE MAINTAINED WHEN THE WATER LINE IS INSTALLED OVER THE SANITARY OR STORM SEWER LINE. IF THE VERTICAL SEPARATION CANNOT BE MAINTAINED OR THE WATER LINE MUST BE PLACED UNDER THE SANITARY OR STORM SEWER LINE, THE SANITARY OR STORM SEWER LINE MUST BE CONSTRUCTED WITH ONE OF THE FOLLOWING OR, AS SHOWN ON THESE PLANS:

- A. POTABLE WATER SUPPLY QUALITY MATERIAL.
B. ENCASEMENT, WITH FOUR (4) INCH CONCRETE (MINIMUM)
C. SLEEVING WITH POTABLE WATER SUPPLY QUALITY PIPE.

EACH PROVISION MUST EXTEND ALONG THE SANITARY OR STORM SEWER, ON EITHER SIDE OF THE MAIN, A MINIMUM 10 FOOT DISTANCE PERPENDICULAR TO THE WATER MAIN EXTERIOR.

9. WARNING TAPE SHALL BE REQUIRED OVER ALL MAINS, ALL SIX (6) INCH DIAMETER AND LARGER SERVICE LATERALS, AND ANY SERVICE LATERAL NOT INSTALLED PERPENDICULAR TO THE WATER MAIN IN ACCORDANCE WITH STANDARD PLATE NO. 27.
10. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD'S DISTRIBUTION SYSTEM.
11. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 FORTY-EIGHT (48) HOURS PRIOR TO PICKUP.
12. CONSTRUCTION MAY INTERRUPT SERVICE, WITH LVVWD APPROVAL AND PROPER NOTIFICATION, BETWEEN THE HOURS OF 10 P.M. AND 6 A.M., SUNDAY THROUGH THURSDAY. CIRCUMSTANCES MAY REQUIRE TEMPORARY SERVICE FEEDS BE INSTALLED, WITHOUT LVVWD REIMBURSEMENT. ANY TEMPORARY SERVICE FEED MUST HAVE PRIOR LVVWD APPROVAL.
13. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD'S PRE-APPROVED MATERIALS AND MANUFACTURERS LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THE PLANS.

REVISED: April 25, 1995

ABANDONED VALVE CUT AND CAP

ALL VALVES TO BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF THE TOP 12 INCHES OF THE VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI.

THE CONTRACTOR SHALL CUT THE EXISTING PIPE 3' + BEYOND THE ABANDONED VALVE AND INSTALL A CAP, WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION, THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT APPROVAL. THE CONTRACTOR SHALL INSTALL A CONCRETE THRUST BLOCK IN ACCORDANCE WITH THE PROVISIONS OF THE UDACS PLATE NO. 5 AT ALL CAP OR PLUG LOCATIONS. ESN. 033

C.L.V. FIRE FLOW DATA

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

LARGEST SQUARE FOOTAGE: 2400 ± SQ.FT.

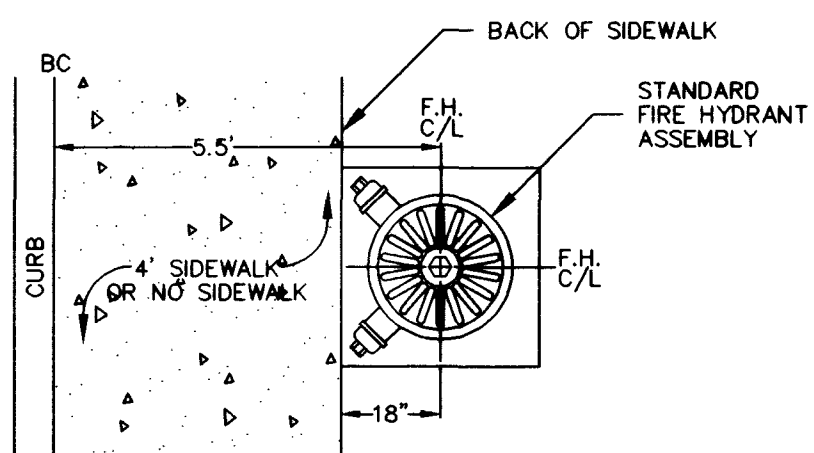
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: 2400 ± SQ.FT.

TYPE OF CONSTRUCTION: (VN)

OCCUPANCY: SINGLE FAMILY

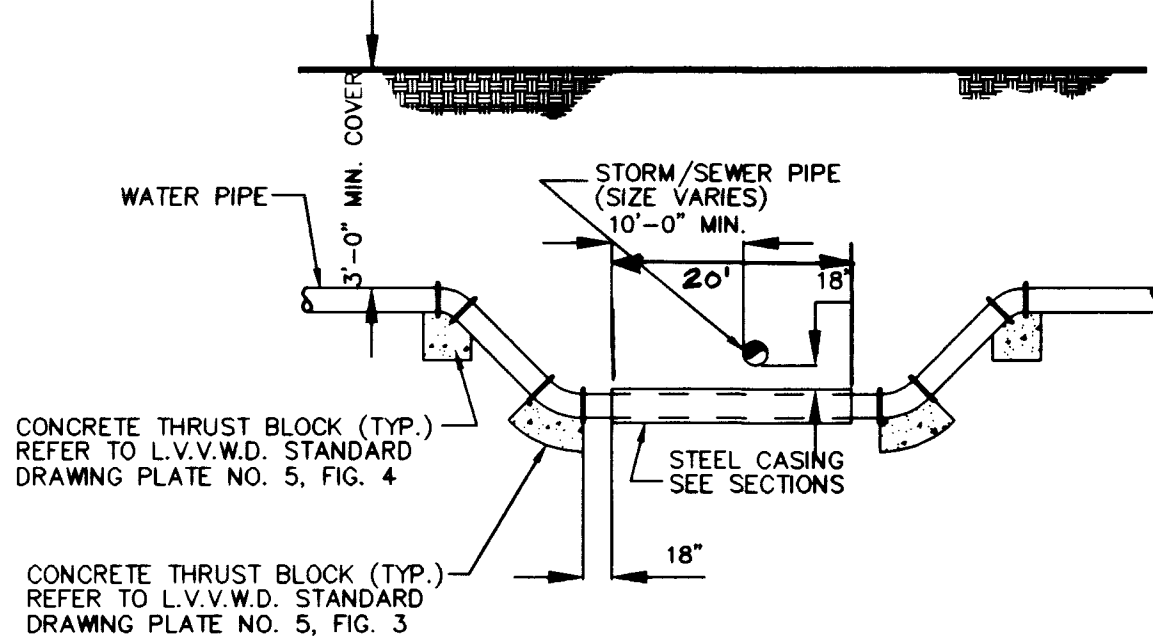
FULL AUTOMATIC FIRE SPRINKLER SYSTEM: NO

REVIEWED BY: *[Signature]*
DATE: 7-11-78



FIRE HYDRANT LOCATION

PER SUMMERLIN STD. DWG. NO. U-13



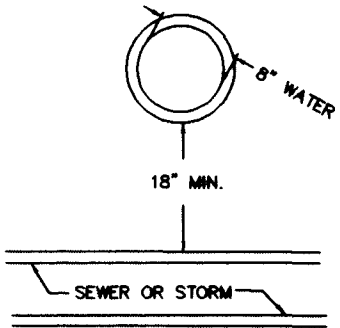
WHERE THE WATER LINE IS LESS THAN 18 INCHES OVER THE SEWER LINE, WHERE THE WATER LINE IS UNDER THE SEWER LINE, AND WHERE THE HORIZONTAL SEPARATION, AS REQUIRED BY THE WATER SUPPLY REGULATIONS, CANNOT BE MAINTAINED BECAUSE OF PHYSICAL OBSTRUCTIONS, THE WATER LINE SHALL BE PROTECTED BY CONSTRUCTION OF THE STORM/SEWER LINE AS FOLLOWS:

1. EXTRA HEAVY CAST IRON PIPE
2. WATER SUPPLY QUALITY MATERIALS; OR
3. ENCASEMENT WITH FOUR INCHES, MINIMUM, OF CONCRETE OR SLEEVING WITH WATER SUPPLY QUALITY PIPE.

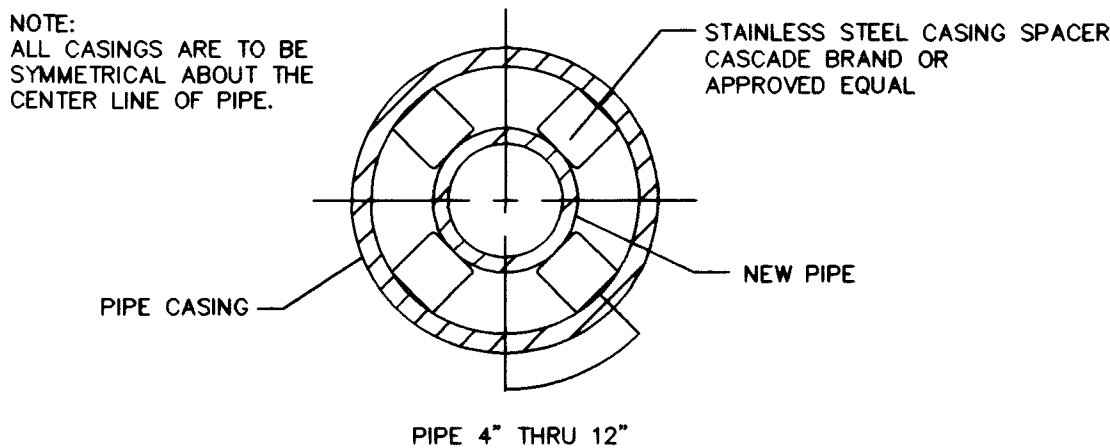
EACH OF THESE PROVISIONS SHALL ALSO BE EXTENDED FOR OTHER THAN 90 DEGREE CROSSINGS TO THE POINT AT WHICH THE TEN FOOT SEPARATION BETWEEN THE WATER AND SEWER LINES IS ACHIEVED (10/SINE OF CROSSING ANGLE).

STORM/SEWER WATER CROSSING DETAIL

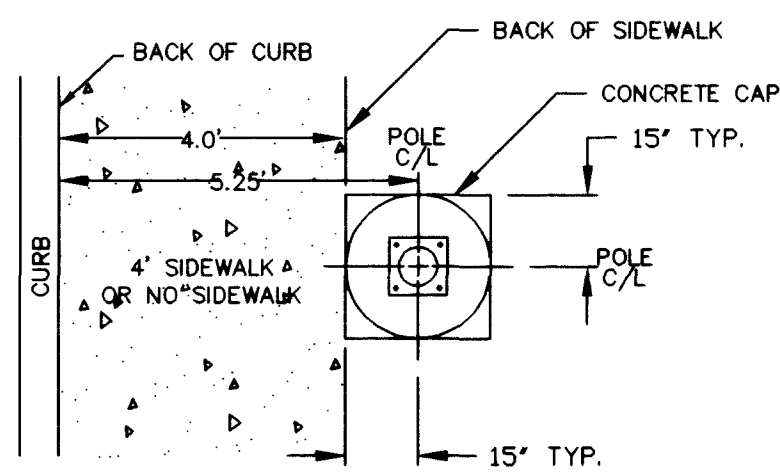
UTILITY CROSSING TYPICAL DETAIL



TYPICAL CASING DETAIL



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 GROUNDED 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 GRADED 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 SPACERS. AFTER INSTALLATION OF THE PIPE, THE CASING SHALL BE SEALED AT BOTH ENDS WITH CASING END SEALS.



STREET LIGHT NOTES

ALL STREET LIGHT INSTALLATIONS SHALL CONFORM TO THE STANDARD DETAILS AND SPECIFICATIONS OF THE SUMMERLIN IMPROVEMENT STANDARDS.

STREET LIGHT LOCATION

PER SUMMERLIN STD. DWG. NO. E-16

SEWER CONNECTION NOTE:

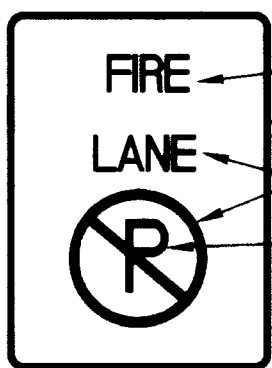
ONE OR MORE SEGMENTS OF THE DOWNSTREAM SEWER SYSTEM THAT WILL SERVE THIS PROJECT HAS NOT BEEN COMPLETED AND/OR ACCEPTED FOR MAINTENANCE BY THE CITY OF LAS VEGAS. ANY WORK DONE ON THIS PROJECT PRIOR TO THE COMPLETION AND/OR ACCEPTANCE OF THE DOWNSTREAM SEWER SYSTEM(S) SHALL BE DONE AT THE DEVELOPER'S 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 ARE DEEMED AVAILABLE FOR SERVICE.

UNIT 3
PROJECT SEWER FLOW CONTRIBUTIONS

AVERAGE DAILY FLOW = 250 GPD x 72 = 18,000 GPD
PEAK DAILY FLOW = 3.4 (250 GPD) x 72 = 61,200 GPD

SEWER NOTE:

ALL SEWER MAINS SHOWN ARE PUBLIC AND WILL BE MAINTAINED BY THE CITY OF LAS VEGAS.



FIRE LANE SIGN

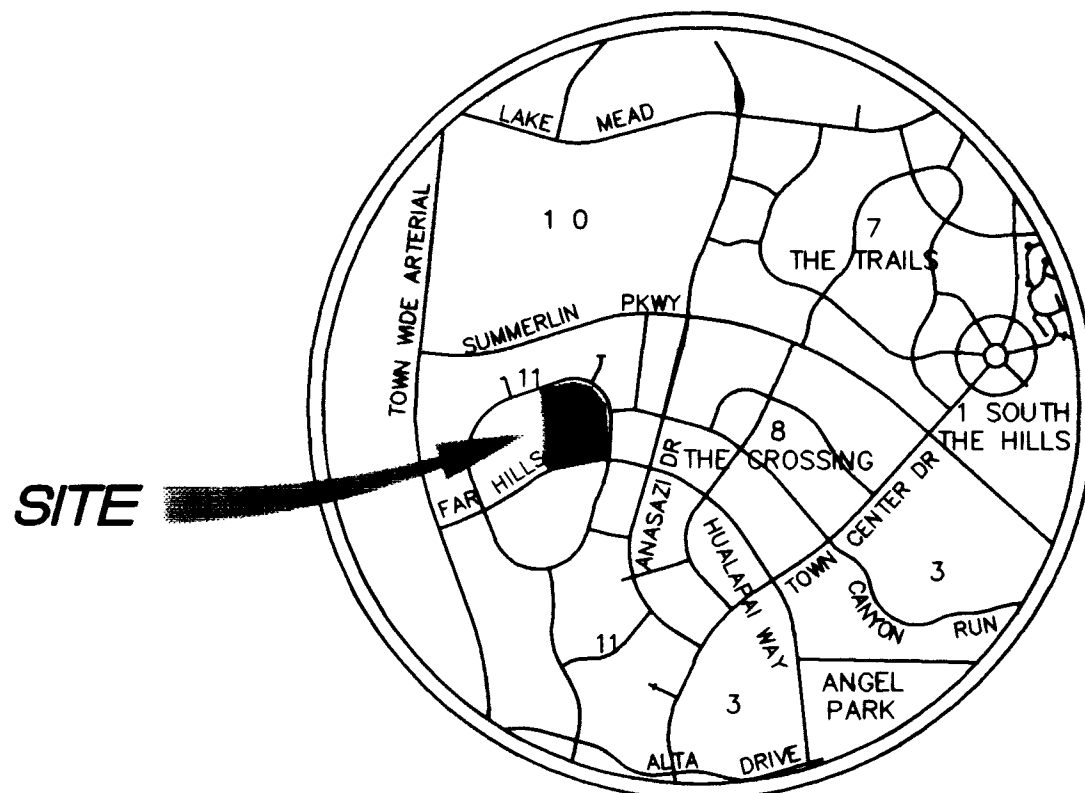
MINIMUM SPECIFICATIONS OF "NO PARKING FIRE LANE SIGNS"

SIZE: 1' WIDE X 1 1/2' LONG OR 2' WIDE X 2 1/2' LONG AS REQUIRED
COLOR: RED AND BLACK ON WHITE LUMINOUS BACKGROUND (SEE EXAMPLE ● LEFT)
SYMBOL: INTERNATIONAL NO PARKING SYMBOL
HEIGHT: TO BE INSTALLED NOT LESS THAN SEVEN (7) FEET NOR MORE THAN TEN (10) FEET FROM GROUND LEVEL.

REDUCED PRESSURE PRINCIPLE ASSEMBLY
(3 - 3/4")

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 LVVWD.

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. (ESN. 026)



LOCATION MAP

QUANTITIES:

PUBLIC WATER QUANTITIES

8" WATER	1500 LF
8" x 12" REDUCER	-
12"x8"x12" MECHANICAL TAPPING TEE	-
8" TEE	-
8" 45°	2 EA
8" 22.5°	-
1" LATERAL WITH 3/4" METER	53 EA
1" LATERAL WITH 1" METER	19 EA
1" LATERAL WITH 5/8" METER (IRRIG.)	3 EA
1" LATERAL WITH 1" METER (IRRIG.)	1 EA
PRESSURE REDUCING VALVE	7 EA
8" GATE VALVE	-
STD. F.H. ASSY. W/ 8x6x8 TEE, 6" GV AND LATERAL	5 EA
2" BLOWOFF VALVE	-
3/4" RPPA	3 EA
1" RPPA	1 EA

PUBLIC SEWER QUANTITIES

8" SEWER	1440 LF
48" MANHOLE	6 EA
4" LATERAL (PRIVATE)	900 LF
BACK WATER VALVE (PRIVATE)	17 EA

PRIVATE STREET LIGHT QUANTITIES

100 W.H.P.S.	22 EA
150 W.H.P.S.	-
#3-1/2 PULLBOX	3 EA
1-1/4" CONDUIT	3650 LF
DOUBLE METER PADMOUNT & PHOTO EYE	-

PRIVATE BACK WATER VALVE SCHEDULE

LOTS - 63,64,65,91,92,94,100,101,115,117,119,120,122,123,125,126 AND 127

SERVICE LATERALS FOR LOTS:
64-65 BLOCK D, 91-94 BLOCK C,
101-103 BLOCK B, AND 115-126 BLOCK A
WILL BE TAPPED ON EXISTING MAIN BY
OWNER'S CONTRACTOR UNDER DIRECTION
OF LAS VEGAS VALLEY WATER DISTRICT.

NOTE: CONTRACTOR TO VERIFY DEPTH OF EXISTING SEWER STUB BEFORE COMMENCING CONSTRUCTION. ANY DISCREPANCY IN PLAN AND ACTUAL ELEVATION IS TO BE BROUGHT TO THE ENGINEERS ATTENTION IN WRITING IMMEDIATELY!

APPROVALS:

LAS VEGAS VALLEY WATER DISTRICT

DATE

ENGINEERING
COMPANY

50 So. Jones #202, Las Vegas, NV 89107
Telephone: (702) 877-1300

ALPHA &

CHRISTOPHER HOMES

9500 HILLWOOD DRIVE
LAS VEGAS, NEVADA 89134
(702) 360-3200

UTILITY NOTES
AND DETAILS

VINEYARDS UNIT 3
THE ARBORS @ SUMMERLIN

SHEET

7.7.98

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SHEET
U6
13 OF 15 SHEETS
DRAWING NO.
3074-4546-3

LAG VEGAS VALLEY WATER DIST. NOTES

1. SEE THE VEGAS VALLEY WATER DIST. MAP FOR THE LOCATION OF THE PROJECT.
2. THE PROJECT IS TO BE LOCATED IN THE VEGAS VALLEY WATER DIST. MAP.
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VEGETATION REMOVAL

ALL VEGETATION TO BE REMOVED IN THE PROJECT AREA SHALL BE REMOVED AND THE AREA TO BE REVEGETATED WITH THE SAME OR BETTER SPECIES.

1. THE PROJECT IS TO BE LOCATED IN THE VEGAS VALLEY WATER DIST. MAP.
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APPROVED WALK OUT AND ON

ALL WALK OUT AND ON SHALL BE APPROVED BY THE VEGAS VALLEY WATER DIST. MAP. THE PROJECT IS TO BE LOCATED IN THE VEGAS VALLEY WATER DIST. MAP.

CLX FIRE FLOW DATA

CLX FIRE FLOW DATA SHALL BE OBTAINED FROM THE VEGAS VALLEY WATER DIST. MAP.

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STORM/SEWER WATER CROSSING DETAIL

UTILITY CROSSING



TYPICAL CASING DETAIL



THE PROJECT IS TO BE LOCATED IN THE VEGAS VALLEY WATER DIST. MAP. THE PROJECT IS TO BE LOCATED IN THE VEGAS VALLEY WATER DIST. MAP.

SEWER CONNECTION NOTE



UNIT 3

PROJECT SEWER FLOW CONTRIBUTION

PROJECT SEWER FLOW CONTRIBUTION SHALL BE OBTAINED FROM THE VEGAS VALLEY WATER DIST. MAP.

SEWER NOTE

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SEWER FLOW CONTRIBUTION

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STREET LIGHT NOTE

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STREET LIGHT LOCATION

STREET LIGHT LOCATION SHALL BE OBTAINED FROM THE VEGAS VALLEY WATER DIST. MAP.



LOCATION MAP

QUANTITIES

PIPE WITH CASING

PUBLIC IN-PAS QUANTITIES	
1" DIA.	1000 LF
2" DIA.	1000 LF
3" DIA.	1000 LF
4" DIA.	1000 LF
6" DIA.	1000 LF
8" DIA.	1000 LF
10" DIA.	1000 LF
12" DIA.	1000 LF
14" DIA.	1000 LF
16" DIA.	1000 LF
18" DIA.	1000 LF
20" DIA.	1000 LF
24" DIA.	1000 LF
30" DIA.	1000 LF
36" DIA.	1000 LF
42" DIA.	1000 LF
48" DIA.	1000 LF
54" DIA.	1000 LF
60" DIA.	1000 LF
66" DIA.	1000 LF
72" DIA.	1000 LF
78" DIA.	1000 LF
84" DIA.	1000 LF
90" DIA.	1000 LF
96" DIA.	1000 LF
102" DIA.	1000 LF
108" DIA.	1000 LF
114" DIA.	1000 LF
120" DIA.	1000 LF
126" DIA.	1000 LF
132" DIA.	1000 LF
138" DIA.	1000 LF
144" DIA.	1000 LF
150" DIA.	1000 LF
156" DIA.	1000 LF
162" DIA.	1000 LF
168" DIA.	1000 LF
174" DIA.	1000 LF
180" DIA.	1000 LF
186" DIA.	1000 LF
192" DIA.	1000 LF
198" DIA.	1000 LF
204" DIA.	1000 LF
210" DIA.	1000 LF
216" DIA.	1000 LF
222" DIA.	1000 LF
228" DIA.	1000 LF
234" DIA.	1000 LF
240" DIA.	1000 LF
246" DIA.	1000 LF
252" DIA.	1000 LF
258" DIA.	1000 LF
264" DIA.	1000 LF
270" DIA.	1000 LF
276" DIA.	1000 LF
282" DIA.	1000 LF
288" DIA.	1000 LF
294" DIA.	1000 LF
300" DIA.	1000 LF
306" DIA.	1000 LF
312" DIA.	1000 LF
318" DIA.	1000 LF
324" DIA.	1000 LF
330" DIA.	1000 LF
336" DIA.	1000 LF
342" DIA.	1000 LF
348" DIA.	1000 LF
354" DIA.	1000 LF
360" DIA.	1000 LF
366" DIA.	1000 LF
372" DIA.	1000 LF
378" DIA.	1000 LF
384" DIA.	1000 LF
390" DIA.	1000 LF
396" DIA.	1000 LF
402" DIA.	1000 LF
408" DIA.	1000 LF
414" DIA.	1000 LF
420" DIA.	1000 LF
426" DIA.	1000 LF
432" DIA.	1000 LF
438" DIA.	1000 LF
444" DIA.	1000 LF
450" DIA.	1000 LF
456" DIA.	1000 LF
462" DIA.	1000 LF
468" DIA.	1000 LF
474" DIA.	1000 LF
480" DIA.	1000 LF
486" DIA.	1000 LF
492" DIA.	1000 LF
498" DIA.	1000 LF
504" DIA.	1000 LF
510" DIA.	1000 LF
516" DIA.	1000 LF
522" DIA.	1000 LF
528" DIA.	1000 LF
534" DIA.	1000 LF
540" DIA.	1000 LF
546" DIA.	1000 LF
552" DIA.	1000 LF
558" DIA.	1000 LF
564" DIA.	1000 LF
570" DIA.	1000 LF
576" DIA.	1000 LF
582" DIA.	1000 LF
588" DIA.	1000 LF
594" DIA.	1000 LF
600" DIA.	1000 LF
606" DIA.	1000 LF
612" DIA.	1000 LF
618" DIA.	1000 LF
624" DIA.	1000 LF
630" DIA.	1000 LF
636" DIA.	1000 LF
642" DIA.	1000 LF
648" DIA.	1000 LF
654" DIA.	1000 LF
660" DIA.	1000 LF
666" DIA.	1000 LF
672" DIA.	1000 LF
678" DIA.	1000 LF
684" DIA.	1000 LF
690" DIA.	1000 LF
696" DIA.	1000 LF
702" DIA.	1000 LF
708" DIA.	1000 LF
714" DIA.	1000 LF
720" DIA.	1000 LF
726" DIA.	1000 LF
732" DIA.	1000 LF
738" DIA.	1000 LF
744" DIA.	1000 LF
750" DIA.	1000 LF
756" DIA.	1000 LF
762" DIA.	1000 LF
768" DIA.	1000 LF
774" DIA.	1000 LF
780" DIA.	1000 LF
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894" DIA.	1000 LF
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906" DIA.	1000 LF
912" DIA.	1000 LF
918" DIA.	1000 LF
924" DIA.	1000 LF
930" DIA.	1000 LF
936" DIA.	1000 LF
942" DIA.	1000 LF
948" DIA.	1000 LF
954" DIA.	1000 LF
960" DIA.	1000 LF
966" DIA.	1000 LF
972" DIA.	1000 LF
978" DIA.	1000 LF
984" DIA.	1000 LF
990" DIA.	1000 LF
996" DIA.	1000 LF
1002" DIA.	1000 LF
1008" DIA.	1000 LF
1014" DIA.	1000 LF
1020" DIA.	1000 LF
1026" DIA.	1000 LF
1032" DIA.	1000 LF
1038" DIA.	1000 LF
1044" DIA.	1000 LF
1050" DIA.	1000 LF
1056" DIA.	1000 LF
1062" DIA.	1000 LF
1068" DIA.	1000 LF
1074" DIA.	1000 LF
1080" DIA.	1000 LF
1086" DIA.	1000 LF
1092" DIA.	1000 LF
1098" DIA.	1000 LF
1104" DIA.	1000 LF
1110" DIA.	1000 LF
1116" DIA.	1000 LF
1122" DIA.	1000 LF
1128" DIA.	1000 LF
1134" DIA.	1000 LF
1140" DIA.	1000 LF
1146" DIA.	1000 LF
1152" DIA.	1000 LF
1158" DIA.	1000 LF
1164" DIA.	1000 LF
1170" DIA.	1000 LF
1176" DIA.	1000 LF
1182" DIA.	1000 LF
1188" DIA.	1000 LF
1194" DIA.	1000 LF
1200" DIA.	1000 LF
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1266" DIA.	1000 LF
1272" DIA.	1000 LF
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1296" DIA.	1000 LF
1302" DIA.	1000 LF
1308" DIA.	1000 LF
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1374" DIA.	1000 LF
1380" DIA.	1000 LF
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1392" DIA.	1000 LF
1398" DIA.	1000 LF
1404" DIA.	1000 LF
1410" DIA.	1000 LF
1416" DIA.	1000 LF
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1428" DIA.	1000 LF
1434" DIA.	1000 LF
1440" DIA.	1000 LF
1446" DIA.	1000 LF
1452" DIA.	1000 LF
1458" DIA.	1000 LF
1464" DIA.	1000 LF
1470" DIA.	1000 LF
1476" DIA.	1000 LF
1482" DIA.	1000 LF
1488" DIA.	1000 LF
1494" DIA.	1000 LF
1500" DIA.	1000 LF
1506" DIA.	1000 LF
1512" DIA.	1000 LF
1518" DIA.	1000 LF
1524" DIA.	1000 LF
1530" DIA.	1000 LF
1536" DIA.	1000 LF
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1584" DIA.	1000 LF
1590" DIA.	1000 LF
1596" DIA.	1000 LF
1602" DIA.	1000 LF
1608" DIA.	1000 LF
1614" DIA.	1000 LF
1620" DIA.	1000 LF
1626" DIA.	1000 LF
1632" DIA.	1000 LF
1638" DIA.	1000 LF
1644" DIA.	1000 LF
1650" DIA.	1000 LF
1656" DIA.	1000 LF
1662" DIA.	1000 LF
1668" DIA.	1000 LF
1674" DIA.	1000 LF
1680" DIA.	1000 LF
1686" DIA.	1000 LF
1692" DIA.	1000 LF
1698" DIA.	1000 LF
1704" DIA.	1000 LF
1710" DIA.	1000 LF
1716" DIA.	1000 LF
1722" DIA.	1000 LF
1728" DIA.	1000 LF
1734" DIA.	1000 LF
1740" DIA.	1000 LF
1746" DIA.	1000 LF
1752" DIA.	1000 LF
1758" DIA.	1000 LF
1764" DIA.	1000 LF
1770" DIA.	1000 LF
1776" DIA.	1000 LF
1782" DIA.	1000 LF
1788" DIA.	1000 LF
1794" DIA.	1000 LF
1800" DIA.	1000 LF
1806" DIA.	1000 LF
1812" DIA.	1000 LF
1818" DIA.	1000 LF
1824" DIA.	1000 LF
1830" DIA.	1000 LF
1836" DIA.	1000 LF
1842" DIA.	1000 LF
1848" DIA.	1000 LF
1854" DIA.	1000 LF
1860" DIA.	1000 LF
1866" DIA.	1000 LF
1872" DIA.	1000 LF
1878" DIA.	1000 LF
1884" DIA.	1000 LF
1890" DIA.	1000 LF
1896" DIA.	1000 LF
1902" DIA.	1000 LF
1908" DIA.	1000 LF
1914" DIA.	1000 LF
1920" DIA.	1000 LF
1926" DIA.	1000 LF
1932" DIA.	1000 LF
1938" DIA.	1000 LF
1944" DIA.	1000 LF
1950" DIA.	1000 LF
1956" DIA.	1000 LF
1962" DIA.	1000 LF
1968" DIA.	1000 LF
1974" DIA.	1000 LF
1980" DIA.	1000 LF
1986" DIA.	1000 LF
1992" DIA.	1000 LF
1998" DIA.	1000 LF
2004" DIA.	1000 LF
2010" DIA.	1000 LF
2016" DIA.	1000 LF
2022" DIA.	1000 LF
2028" DIA.	1000 LF
2034" DIA.	1000 LF
2040" DIA.	1000 LF
2046" DIA.	1000 LF
2052" DIA.	1000 LF
2058" DIA.	1000 LF
2064" DIA.	1000 LF
2070" DIA.	1000 LF
2076" DIA.	1000 LF
2082" DIA.	1000 LF
2088" DIA.	1000 LF
2094" DIA.	1000 LF
2100" DIA.	1000 LF
2106" DIA.	1000 LF
2112" DIA.	1000 LF
2118" DIA.	1000 LF
2124" DIA.	1000 LF
2130" DIA.	1000 LF
2136" DIA.	1000 LF
2142" DIA.	1000 LF
2148" DIA.	1000 LF
2154" DIA.	1000 LF
2160" DIA.	1000 LF
2166" DIA.	1000 LF
2172" DIA.	1000 LF
2178" DIA.	1000 LF
2184" DIA.	1000 LF
2190" DIA.	1000 LF
2196" DIA.	1000 LF
2202" DIA.	1000 LF
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