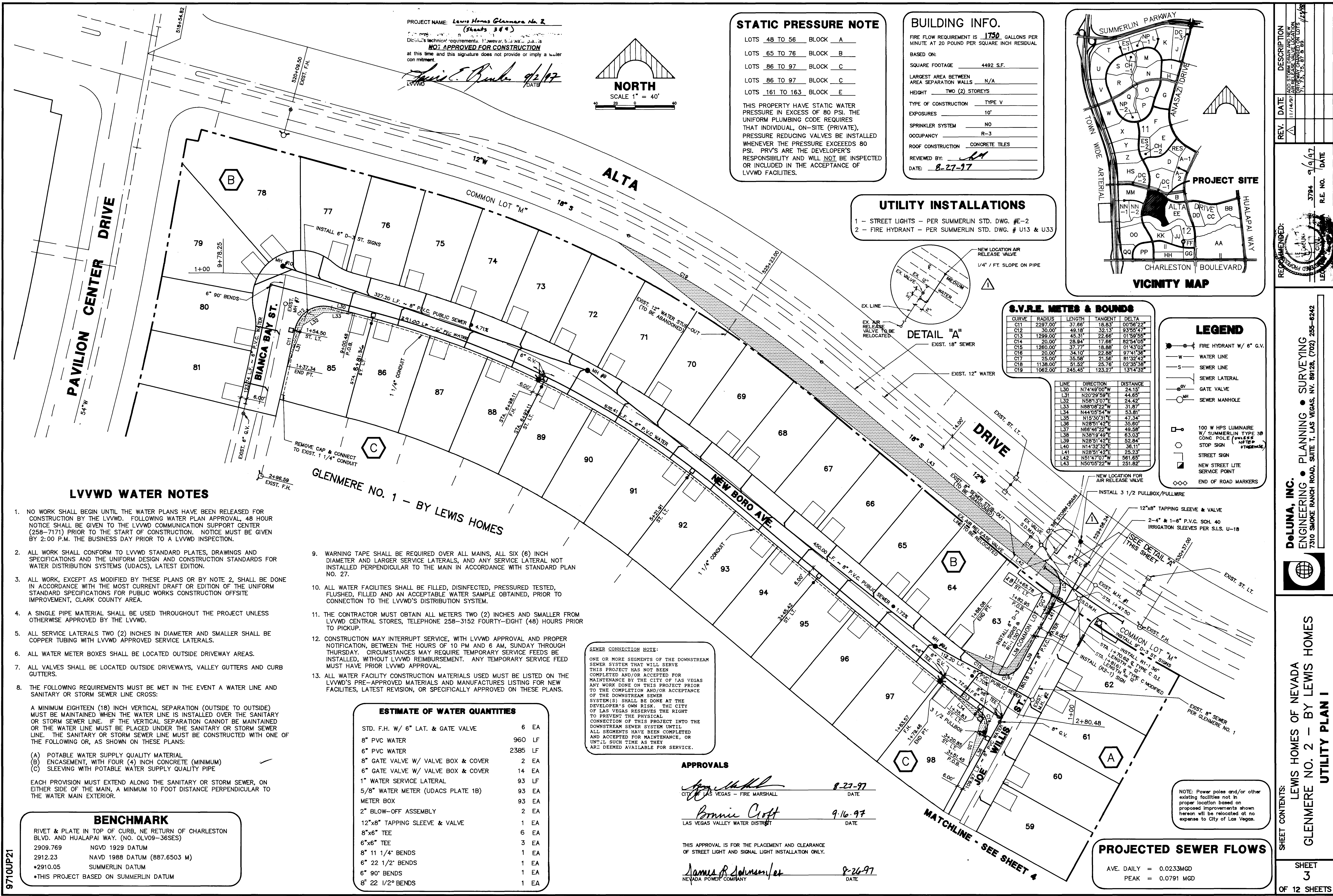
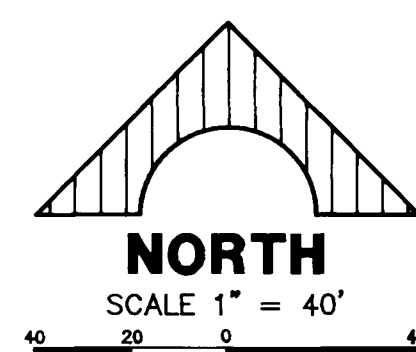


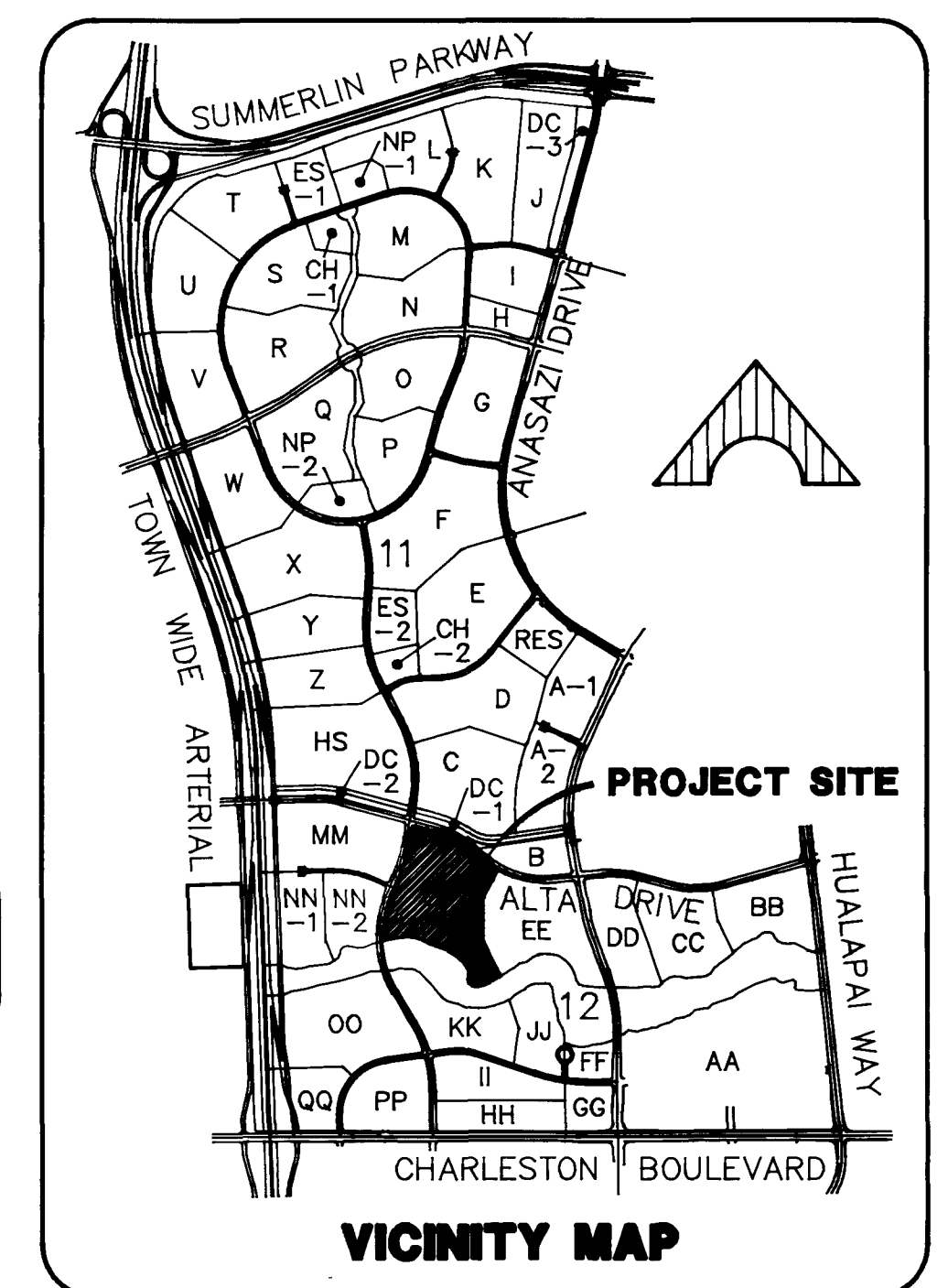


PROJECT NAME: Lewis Homes Glenmere No. 2
(SHEETS 3 & 4)
NOT APPROVED FOR CONSTRUCTION
at this time and this signature does not provide or imply a water commitment.
James E. Banks 9/2/97
LVVWD DATE

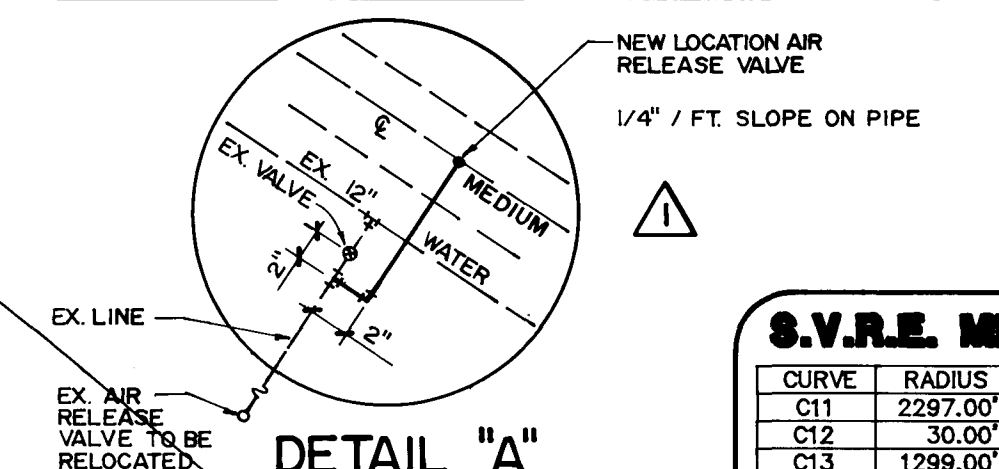


STATIC PRESSURE NOTE
LOTS 48 TO 56 BLOCK A
LOTS 65 TO 76 BLOCK B
LOTS 86 TO 97 BLOCK C
LOTS 86 TO 97 BLOCK C
LOTS 161 TO 163 BLOCK E
THIS PROPERTY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

BUILDING INFO.
FIRE FLOW REQUIREMENT IS 1750 GALLONS PER MINUTE AT 20 POUND PER SQUARE INCH RESIDUAL.
BASED ON:
SQUARE FOOTAGE 4492 S.F.
LARGEST AREA BETWEEN AREA SEPARATION WALLS N/A
HEIGHT TWO (2) STOREYS
TYPE OF CONSTRUCTION TYPE V
EXPOSURES 10'
SPRINKLER SYSTEM NO
OCCUPANCY R-3
ROOF CONSTRUCTION CONCRETE TILES
REVIEWED BY: *AM*
DATE: 8-27-97



UTILITY INSTALLATIONS
1 - STREET LIGHTS - PER SUMMERLIN STD. DWG. #E-2
2 - FIRE HYDRANT - PER SUMMERLIN STD. DWG. # U13 & U33



S.V.R.E. METES & BOUNDS

CURVE	RADIUS	LENGTH	TANGENT	DELTA
C11	2297.00'	37.66'	18.83'	00°56'22"
C12	30.00'	48.18'	2.13'	93°55'47"
C13	1289.00'	45.31'	22.86'	01°58'55"
C14	20.00'	28.94'	17.66'	82°54'05"
C15	1260.00'	37.77'	18.88'	01°43'02"
C16	20.00'	34.10'	22.88'	97°42'36"
C17	25.00'	35.58'	21.56'	81°42'42"
C18	1138.00'	51.52'	25.76'	02°35'38"
C19	1062.00'	245.45'	123.27'	131°4'32"

LEGEND

SYMBOL	DESCRIPTION
Circle with cross	FIRE HYDRANT W/ 6" G.V.
Line with 'W'	WATER LINE
Line with 'S'	SEWER LINE
Line with 'L'	SEWER LATERAL
Circle with 'G.V.'	GATE VALVE
Circle with 'M.H.'	SEWER MANHOLE
Square with '100 W HPS LUMINAIRE W/ SUMMERLIN TYPE CONC. POLE (UNLESS NOTED OTHERWISE)'	100 W HPS LUMINAIRE W/ SUMMERLIN TYPE CONC. POLE (UNLESS NOTED OTHERWISE)
Circle with 'STOP SIGN'	STOP SIGN
Triangle with 'STREET SIGN'	STREET SIGN
Square with 'NEW STREET LITE SERVICE POINT'	NEW STREET LITE SERVICE POINT
Diamond	END OF ROAD MARKERS

LVVWD WATER NOTES

- NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, 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.
- ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS AND SPECIFICATIONS AND THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (UDACS), LATEST EDITION.
- 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.
- A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
- ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE COPPER TUBING WITH LVVWD APPROVED SERVICE LATERALS.
- ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE DRIVEWAY AREAS.
- ALL VALVES SHALL BE LOCATED OUTSIDE DRIVEWAYS, VALLEY GUTTERS AND CURB GUTTERS.
- 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, 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.
- 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 MAIN IN ACCORDANCE WITH STANDARD PLAN NO. 27.
- ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURED TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD'S DISTRIBUTION SYSTEM.
- THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES, TELEPHONE 258-3152 FOURTY-EIGHT (48) HOURS PRIOR TO PICKUP.
- CONSTRUCTION MAY INTERRUPT SERVICE, WITH LVVWD APPROVAL AND PROPER NOTIFICATION, BETWEEN THE HOURS OF 10 PM AND 6 AM, SUNDAY THROUGH THURSDAY. CIRCUMSTANCES MAY REQUIRE TEMPORARY SERVICE FEEDS BE INSTALLED, WITHOUT LVVWD REIMBURSEMENT. ANY TEMPORARY SERVICE FEED MUST HAVE PRIOR LVVWD APPROVAL.
- ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE LISTED ON THE LVVWD'S PRE-APPROVED MATERIALS AND MANUFACTURES LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.

ESTIMATE OF WATER QUANTITIES

ITEM	QUANTITY
STD. F.H. W/ 6" LAT. & GATE VALVE	6 EA
8" PVC WATER	960 LF
6" PVC WATER	2385 LF
8" GATE VALVE W/ VALVE BOX & COVER	2 EA
6" GATE VALVE W/ VALVE BOX & COVER	14 EA
1" WATER SERVICE LATERAL	93 LF
5/8" WATER METER (UDACS PLATE 1B) METER BOX	93 EA
2" BLOW-OFF ASSEMBLY	2 EA
12"x8" TAPPING SLEEVE & VALVE	1 EA
8"x6" TEE	6 EA
6"x6" TEE	3 EA
8" 11 1/4" BENDS	1 EA
6" 22 1/2" BENDS	1 EA
6" 90° BENDS	1 EA
8" 22 1/2" BENDS	1 EA

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.

APPROVALS
CITY OF LAS VEGAS - FIRE MARSHAL: *[Signature]* 8-27-97 DATE
LAS VEGAS VALLEY WATER DISTRICT: *Bonnie Croft* 9-16-97 DATE
NEVADA POWER COMPANY: *James R. Johnson* 8-26-97 DATE
THIS APPROVAL IS FOR THE PLACEMENT AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATION ONLY.

PROJECTED SEWER FLOWS
AVE. DAILY = 0.0233MGD
PEAK = 0.0791 MGD

DELUCA, INC.
ENGINEERING • PLANNING • SURVEYING
7310 SMOKE RANCH ROAD, SUITE T, LAS VEGAS, NV 89128, (702) 255-6242

UTILITY PLAN 1

LEWIS HOMES OF NEVADA
GLENMERE NO. 2 - BY LEWIS HOMES

SHEET CONTENTS:
SHEET 3 OF 12 SHEETS

RECOMMENDED:
REVISION: 11/14/97
DATE: 9/9/97
REV. NO. 3784
DATE: 9/9/97

9710UP21

307 Y-4525-2

