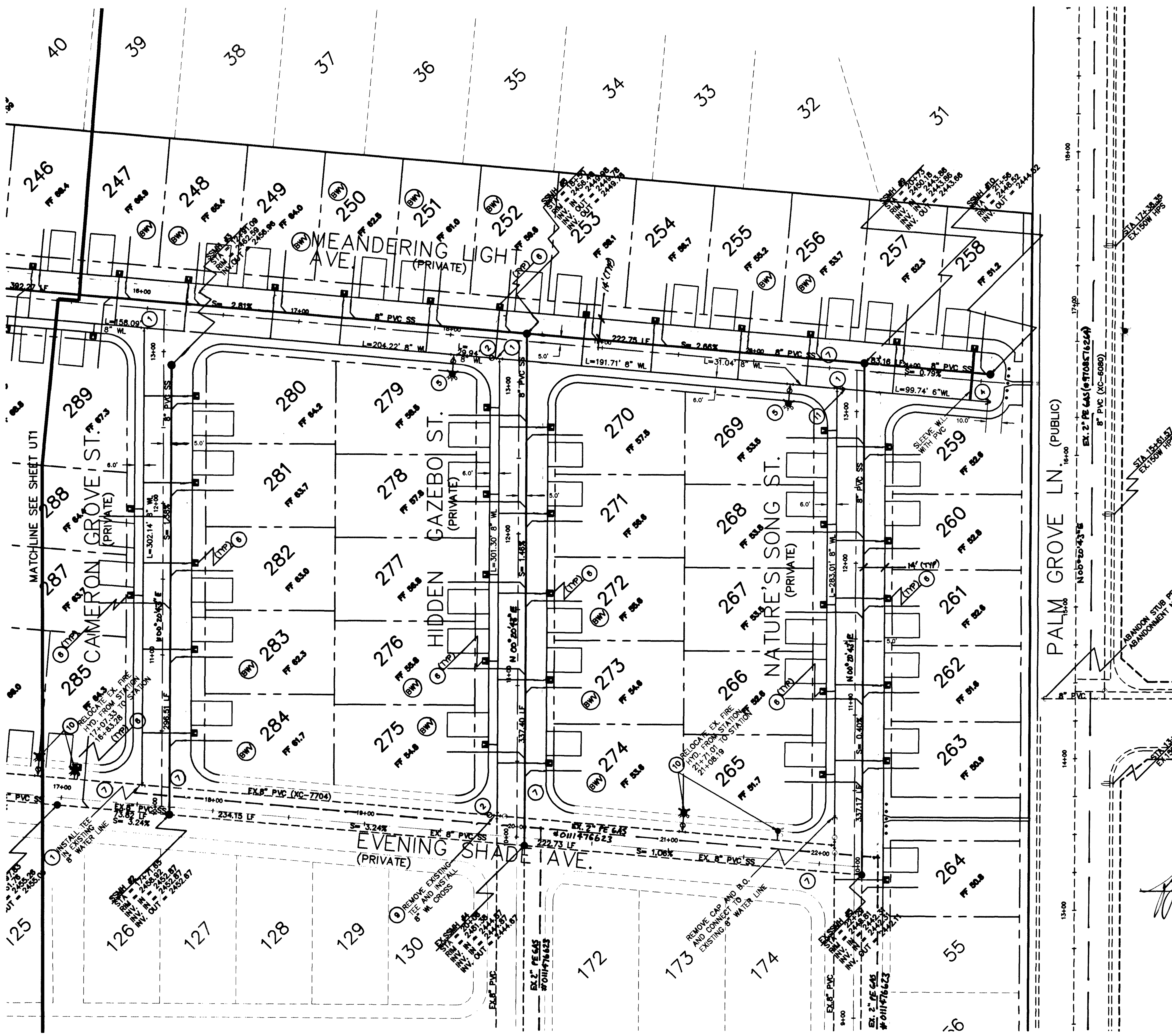
NORTH 1" = 40'

NOTE: PRIVATE STREETS ARE P.U.E.'S, PUBLIC SEWER EASEMENTS, AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY HOME OWNERS ASSOCIATION



FIRE FLOW

TYPE OF CONSTRUCTION = V NON RATED

REQUIRED FIRE FLOW = 1500 G.P.M.

NON SPRINKLERED BUILDINGS

SQUARE FOOTAGE FROM 1800 SF TO 3000 SF

FIRE HYDRANT AND LATERAL ABANDONMENT
(Existing Lateral to be Abandoned)

WHERE SHOWN ON THE DRAWING(S), THE CONTRACTOR SHALL ABANDON THE EXISTING FIRE HYDRANT(S) BY REMOVING BOTH THE UPPER AND LOWER BARRELS OF THE FIRE HYDRANT SO THAT NO PORTION OF THE REMAINING FIRE HYDRANT ASSEMBLY IS CLOSER THAN TWO (2) FEET TO THE EXISTING GRADE. THE EXISTING VALVE SHALL BE ABANDONED IN A CLOSED POSITION AND A MINIMUM OF THE TOP 12 INCHES OF THE VALVE BOX REMOVED. THE REMAINING PORTION OF THE VALVE BOX SHALL BE FILLED WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI. THE LATERAL SHALL BE CUT AND CAPPED WHERE INDICATED. 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 THE DISTRICT APPROVAL. A CONCRETE THRUST BLOCK SHALL BE INSTALLED AT ALL CUT AND CAP LOCATIONS IN ACCORDANCE WITH THE PROVISIONS OF UDACS PLATE NO. 5. THE EXISTING CONCRETE FIRE HYDRANT PAD SHALL BE REMOVED.

esn.013

SERVICE LATERALS FOR LOTS: 229, 284, 285, 286

WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF THE LVVWD.

ABANDONED VALVE CUT AND CAP

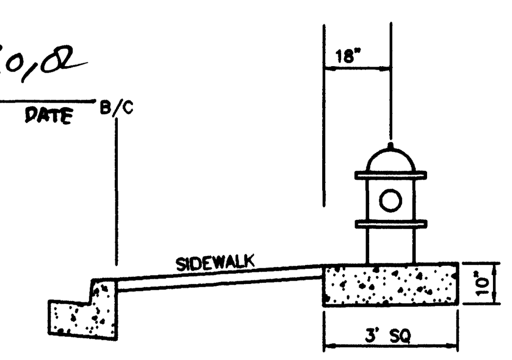
ALL VALVES TO BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF THE TOP 12 INCHES OF THE VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE BOX WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI. THE CONTRACTOR SHALL CUT THE EXISTING PIPE WITHIN 3' OF THE ABANDONED VALVE OR WHERE SHOWN ON THE PLANS 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

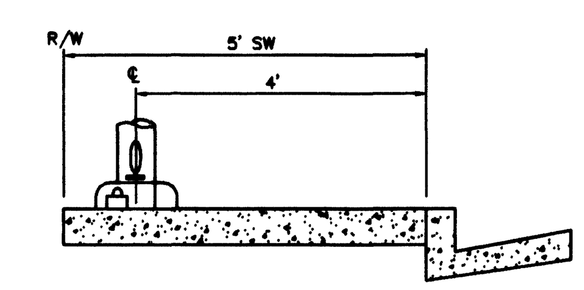
NOTE:

FOR SANITARY REWER MANHOLE TABLE PLEASE REFER TO SHEET CI.

[signature] 8,30,02
CLV FIRE DATE



FIRE HYDRANT DETAIL
TYPICAL



PUBLIC STREET LIGHT DETAIL
TYPICAL

APPROVAL

LAS VEGAS VALLEY WATER DISTRICT DATE

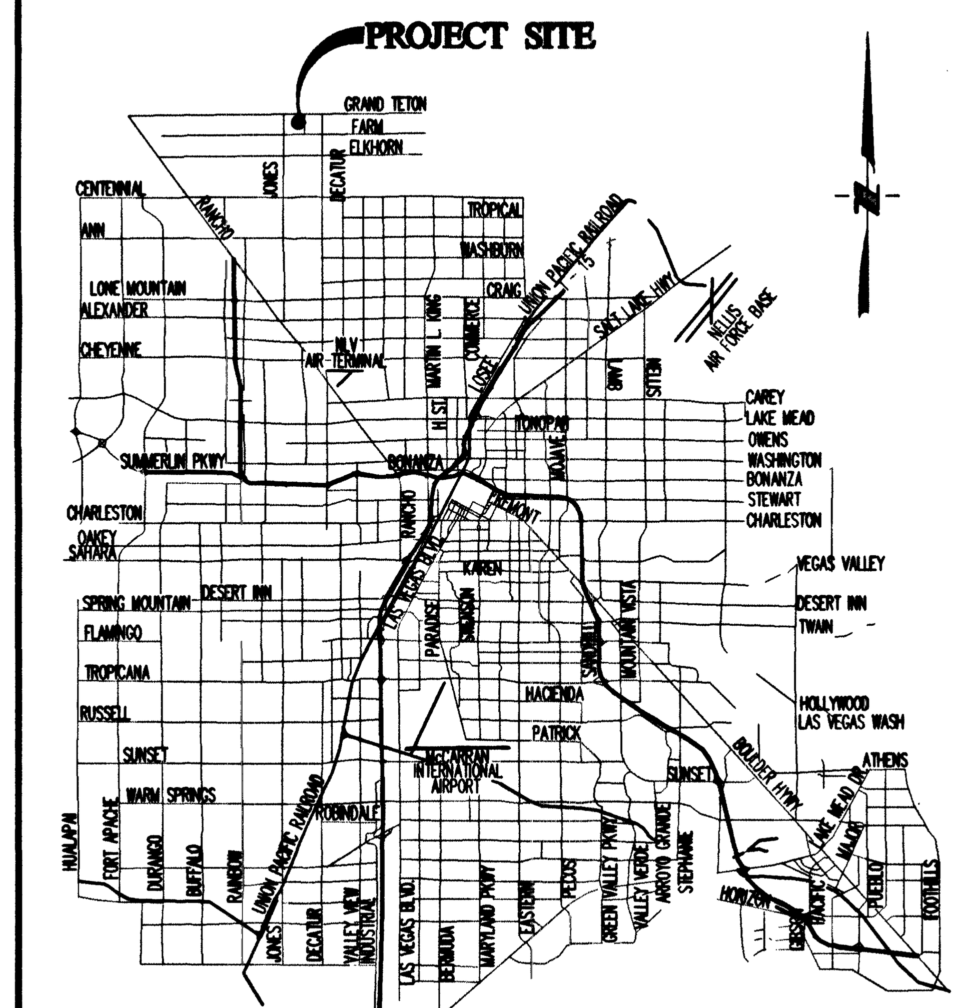
CONSTRUCTION NOTES

1. 8" TEE – PUBLIC
2. 8" GATE VALVE – PUBLIC
3. 8" 90° ELBOW – PUBLIC
4. CAP AND 2" BLOW OFF VALVE (UDACS 4) – PUBLIC
5. FIRE HYDRANT ASSEMBLY INCLUDING 8" X 6" TEE AND 6" G.V. IN ACCORDANCE WITH (UDACS PLATE #7) – PUBLIC
6. 5/8" METER (UDACS 1-B) – PUBLIC
7. 4" PVC CONDUIT (IRRIGATION XINGS) – PRIVATE
8. 1" METER WITH RPPA (UDACS 1-C OR 1-D) – PUBLIC
9. 8" CROSS – PUBLIC
10. RELOCATE EXISTING FIRE HYDRANT ABONDON EXISTING F.H. LATERAL PER NOTE. INSTALL F.H. AT NEW LOCATION PER UDACS PLATE #7. INSTALL 8" X 6" TEE, 6" G.V. IN EXISTING 8" WATER LINE.
11. 8" X 6" REDUCER
12. 6" 45° ELBOW – PUBLIC
13. 6" 90° ELBOW – PUBLIC

LEGEND

	PROPOSED	EXISTING
22.5° 8" WATER LINE BEND		
45° 8" WATER LINE BEND		
8" WATER LINE TEE		
8" WATER LINE GATE VALVE		
FIRE HYDRANT ASSEMBLY	HYD	HYD
SANITARY SEWER MANHOLE		
DIRECTION OF SEWER FLOW		
8" WATER LINE		
8" SEWER LINE		
BACK WATER VALVE	BWV	

VICINITY MAP



ABBREVIATIONS

AC	ASPHALTIC CONCRETE
BC	BACK OF CURB
BCR	BACK OF CURB RADIUS
BVC	BEGINNING OF VERTICAL CURVE
BM	BENCH MARK
CATV	CABLE TELEVISION
CL	CENTERLINE
CBC	CITY OF BOULDER CITY
CC	CLARK COUNTY
CO	CLEAN OUT
CY	CUBIC YARD
DI	DROP INLET
DG	DESIGN GRADE
EP	EDGE OF PAVEMENT
EC	END OF CURVE
EVC	END OF VERTICAL CURVE
EX	EXISTING
FG	FINISH GRADE
FF	FINISH FLOOR ELEVATION
FT	FEET
FH	FIRE HYDRANT
FL	FLOW LINE
GB	GRADE BREAK
HP	HIGH POINT
INV	INVERT
LFF	LOWER FINISH FLOOR ELEVATION
LF	LINEAR FEET
LVVWD	LAS VEGAS VALLEY WATER DISTRICT
MH	MANHOLE
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
OC	ON CENTER
PI	POINT OF INTERSECTION
PRC	POINT OF REVERSE CURVE
PC	POINT OF CURVE
PT	POINT OF TANGENCY
PTC	PROP TOP OF CURB (BY OTHERS)
PFG	PROP FINISH GRADE (BY OTHERS)
PL	PROPERTY LINE
PB	PULL BOX
R	RADIUS
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RT	RIGHT
R/W	RIGHT-OF-WAY
SS	SANITARY SEWER
SW	SIDEWALK
STA	STATION
SD	STORM DRAIN
STD	STANDARD
SL	STREETLIGHT
TC	TOP OF CURB
TOB	TOP OF BERM
TYP	TYPICAL
VERT	VERTICAL
VC	VERTICAL CURVE
VG	VALLEY GUTTER
VCP	VITRIFIED CLAY PIPE
W	WATER
WM	WATER METER

SCALE

GRAPHIC SCALE

40 0 20 40 80 160

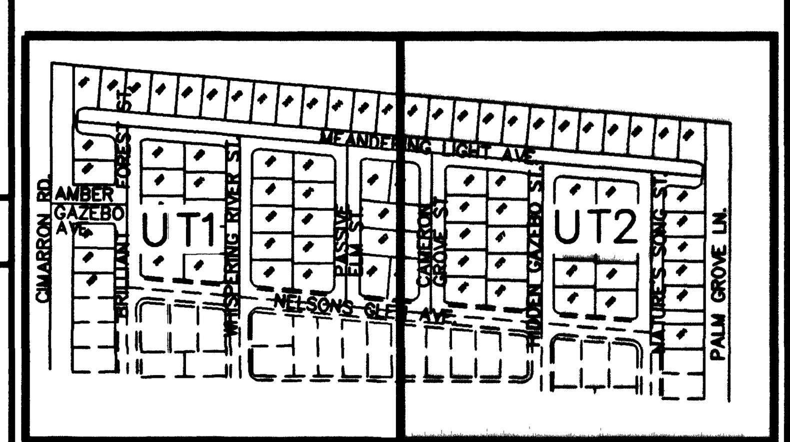
(IN FEET)
1 inch = 40 ft.

BENCHMARK

CITY OF LAS VEGAS BENCH MARK – 8LV90-16C4 RIVET AND PLATE IN TOP OF CURB AT SW CORNER OF FARM AND CIMARRON

NAVD88 ELEVATION= 754.2098 METERS (2474.44 FT)

KEY MAP



LEGAL DESCRIPTION

THE SOUTH HALF (S1/2) OF THE SOUTH HALF (S1/2) OF THE NORTHWEST QUARTER (NW1/4) OF THE NORTHEAST QUARTER (NE1/4) OF SECTION 16, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA.

FILE NAME: CRN00001IMP

45154

BASIS OF BEARING

N00°13'34"E – BEING THE WEST LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 16, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., COUNTY OF CLARK, STATE OF NEVADA. AS SHOWN ON THE FINAL MAP OF LAMPLIGHT VILLAGE AT CENTENNIAL SPRINGS UNIT 2 RECORDED IN BOOK 98 ON PAGE 63, OFFICIAL RECORDS OF SAID COUNTY.

Call Two Working Days Before You Dig!
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NO.	DESCRIPTION	BY	DATE	APPR.
	REVISIONS			

CARINA CORPORATION
2881 BUSINESS PARK COURT, SUITE 210
LAS VEGAS, NEVADA 89128
(702) 228-6376 FAX:(702) 228-6002

TANEY ENGINEERING
4445 S. JONES BLVD. SUITE #1
LAS VEGAS, NV 89103
(702) 362-8844 FAX:(702) 362-5233

LIGHTLAMP VILLAGE UNIT FIVE AT CENTENNIAL SPRINGS

UTILITY PLAN EAST

REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA
EDWARD F. TANEY
CIVIL
No. 9903
8.30.02

ENGINEER'S SEAL

DATE: 12-01
SCALE: 1" - 40'
JOB NO: CRN-00-001
DESIGNED BY: EFT
DRAWN BY: EFT/OGS
SHEET NAME: UT2
SHEET: 3071-4642-5
7 OF 18