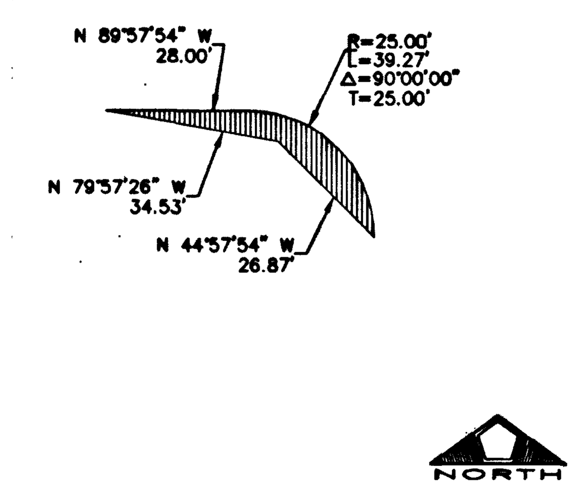
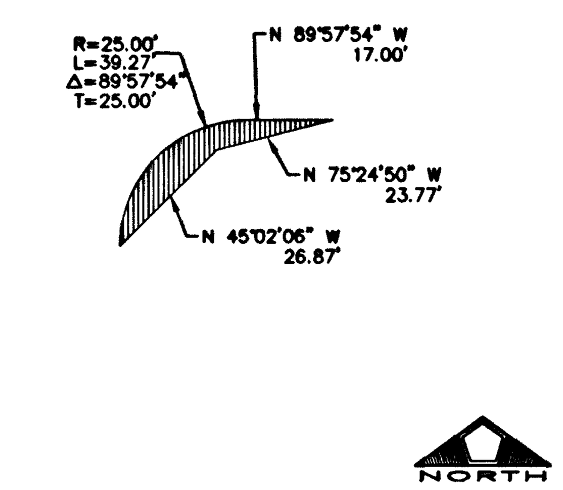
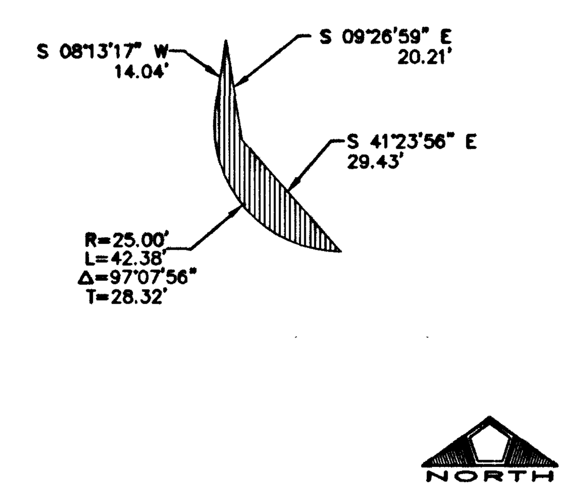


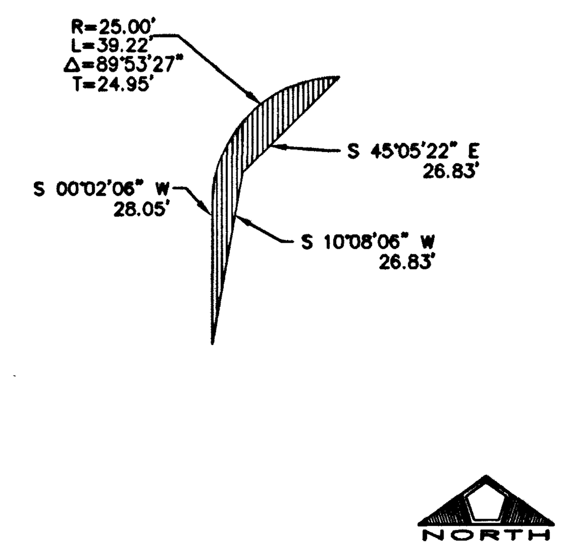
1 SIGHT VISIBILITY ZONE DETAIL
SCALE: 1" = 30'



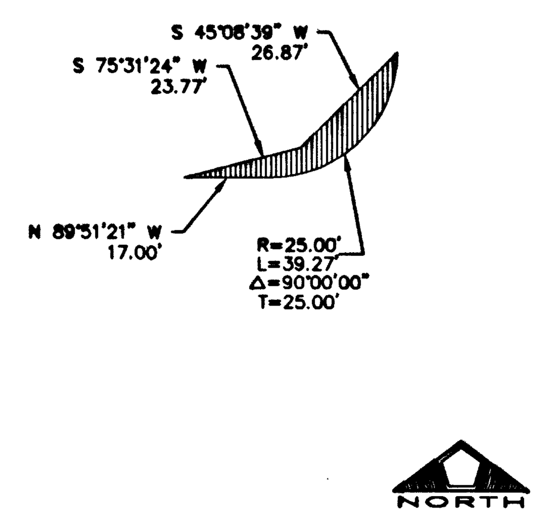
2 SIGHT VISIBILITY ZONE DETAIL
SCALE: 1" = 30'



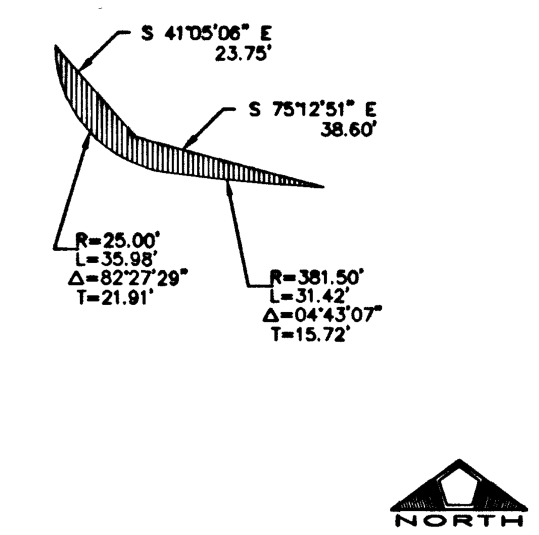
3 SIGHT VISIBILITY ZONE DETAIL
SCALE: 1" = 30'



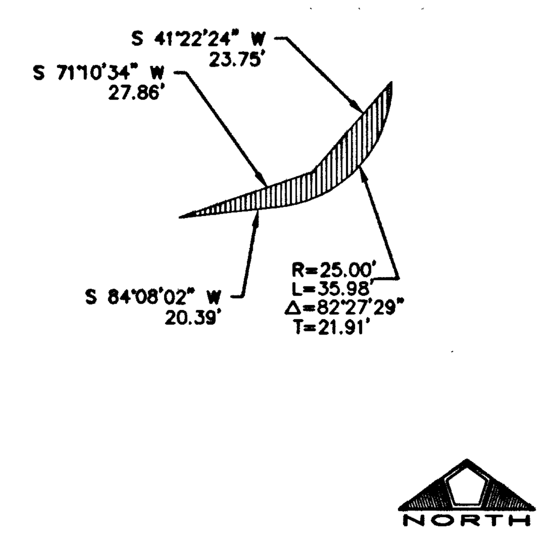
4 SIGHT VISIBILITY ZONE DETAIL
SCALE: 1" = 30'



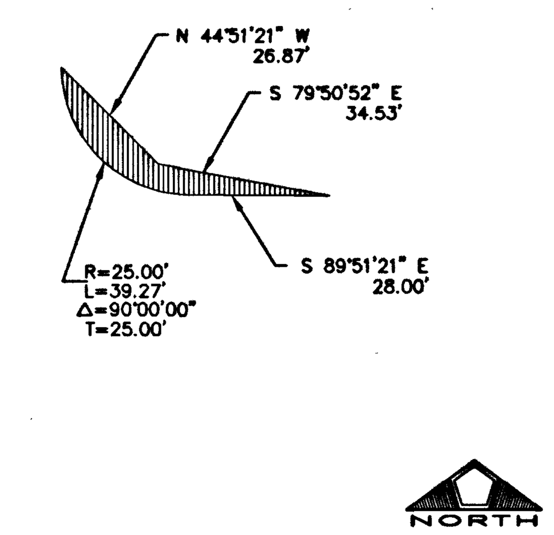
5 SIGHT VISIBILITY ZONE DETAIL
SCALE: 1" = 30'



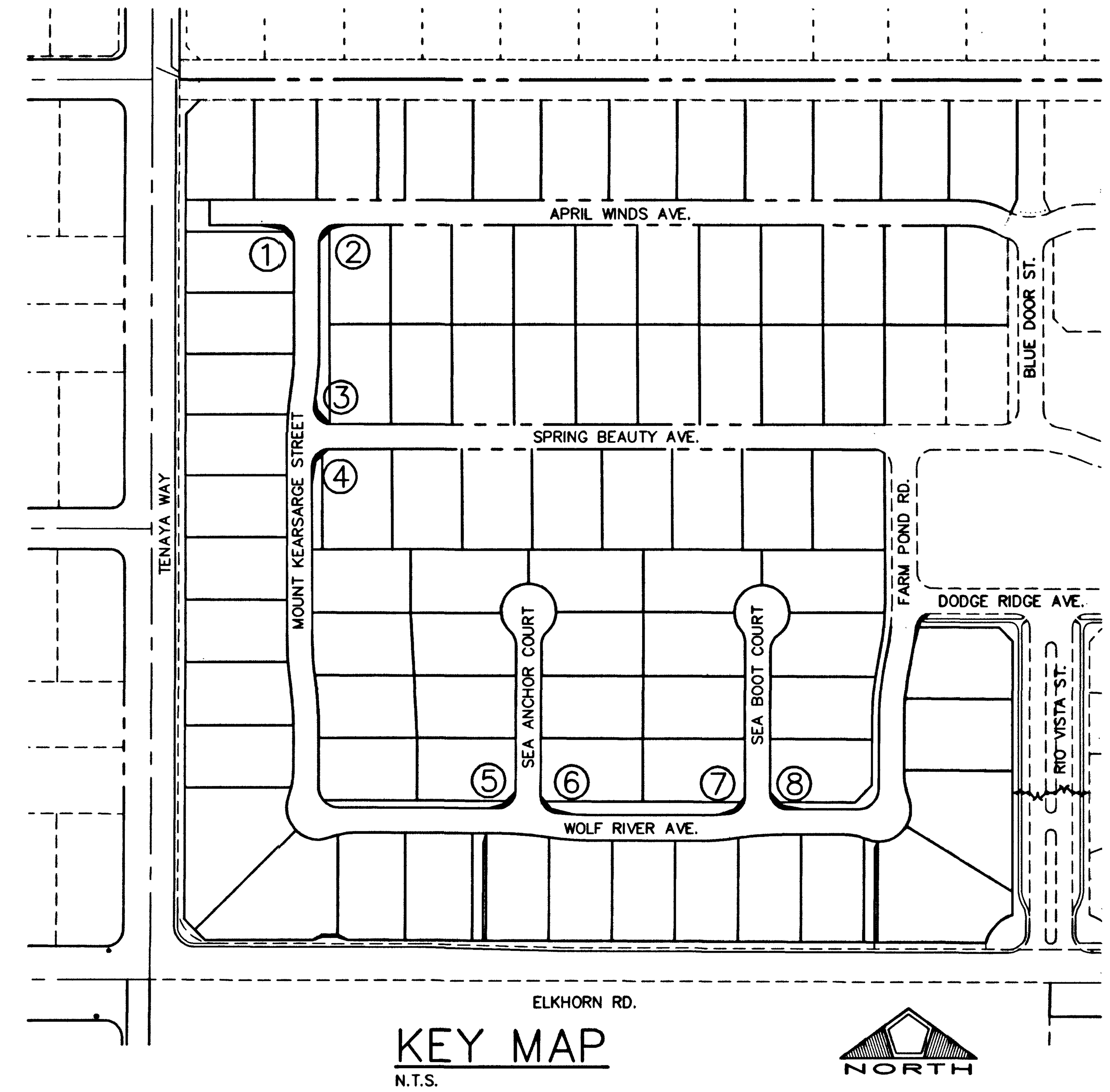
6 SIGHT VISIBILITY ZONE DETAIL
SCALE: 1" = 30'



7 SIGHT VISIBILITY ZONE DETAIL
SCALE: 1" = 30'



8 SIGHT VISIBILITY ZONE DETAIL
SCALE: 1" = 30'



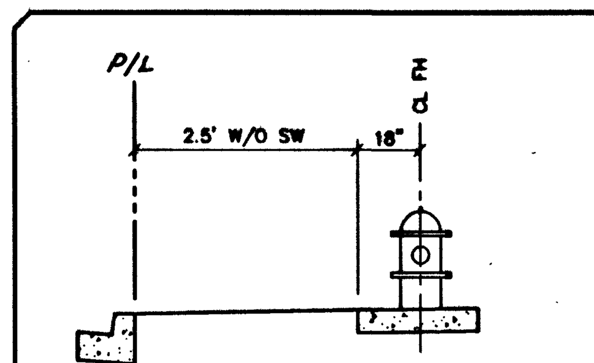
KEY MAP
N.T.S.

BASIS OF BEARING

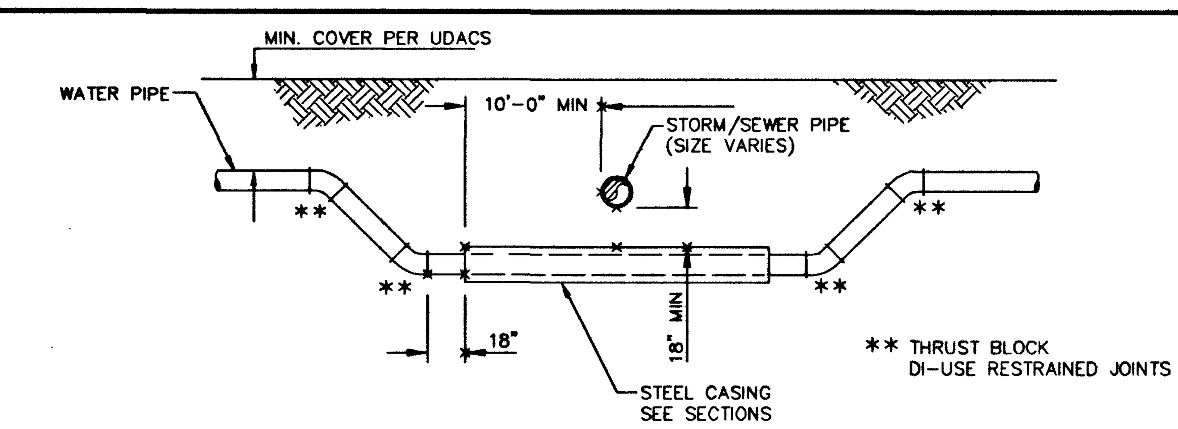
THE BASIS OF BEARING FOR THIS SURVEY IS THE WEST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 15, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN IN FILE 115, PAGE 13 OF OFFICIAL RECORDS, CLARK COUNTY, NEVADA. I.E. NORTH 00°11'55" EAST

SIGHT VISIBILITY RESTRICTION ZONE (SVZ)

SIGHT VISIBILITY RESTRICTION ZONE ~ NO OBSTRUCTION TO BE OVER 30" IN HEIGHT IN HATCHED AREA. SEE *THIS SHEET* FOR S.V.R.E. DETAILS



FIRE HYDRANT LOCATION



WHERE THE WATER LINE IS LESS THAN 18 INCHES OVER THE STORM/SEWER LINE, WHERE THE WATER LINE IS UNDER THE STORM/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 OR WATER LINE IN THE FOLLOWING PRIORITY:

1. THE STORM/SEWER MAIN MUST BE CONSTRUCTED OF WATER SUPPLY QUALITY MATERIALS MEETING AWWA STANDARDS, OR
2. THE WATER MAIN SHALL BE D.I.P. WITH RESTRAINED JOINTS. INSTALL IN A STEEL CASING WHICH EXTENDS 10' ON EACH SIDE OF THE CROSSING, OR
3. THE STORM/SEWER MAIN OR WATER MAIN (DEPENDING ON THE FIELD CONDITIONS) SHALL BE TOTALLY ENCASED IN A MINIMUM OF FOUR (4) INCHES OF CEMENT SLURRY (300 PSI±) FOR A DISTANCE OF TEN (10) FEET ON EACH SIDE OF THE CROSSING ONLY WITH AGENCY APPROVAL. ENCASEMENT WILL NOT BE PERMITTED FOR ASBESTOS CEMENT PIPE.

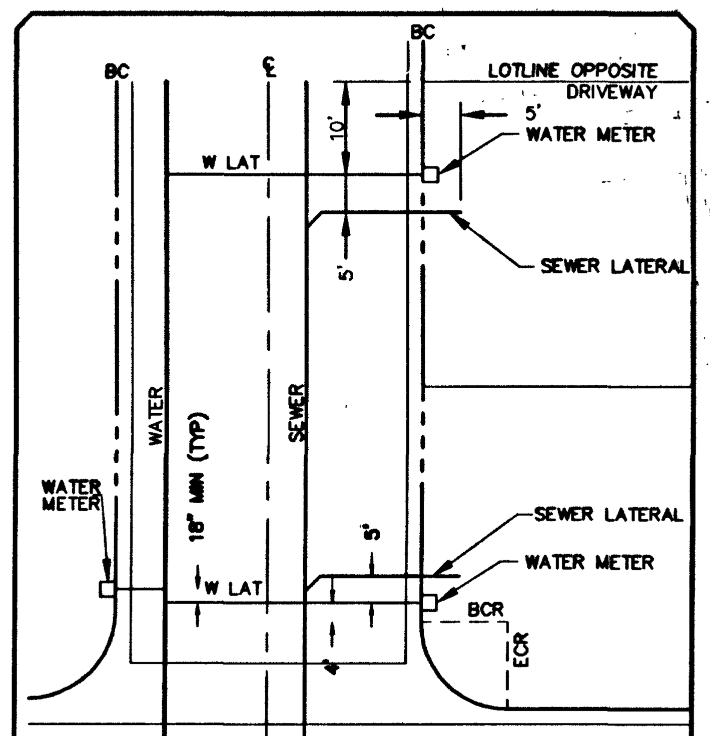
EACH OF THESE PROVISIONS SHALL ALSO BE EXTENDED FOR OTHER THAN 90 DEGREE CROSSINGS TO THE POINT AT WHICH THE TEN FOOT SEPARATION BETWEEN THE WATER AND SEWER LINES IS ACHIEVED (10/SINE OF CROSSING ANGLE.)

STORM/SEWER WATER CROSSING DETAIL
(NOT TO SCALE)

BENCHMARK

CITY OF LAS VEGAS BENCHMARK NO. 1LV90 11SWS. RIVET AND PLATE IN TOP OF CURB, SOUTHEAST CORNER OF RAINBOW BLVD AND FLANAGAN DRIVE.

ELEVATION = 724.3103 METERS
(NAVD '88 PUBLISHED)
ELEVATION = 2376.34 U.S. SURVEY FEET
(NAVD '88 CALCULATED)
PROJECT ELEVATION = 2376.52 U.S. SURVEY FEET



TYPICAL WATER & SEWER SERVICE LAYOUT
(NOT TO SCALE)

Avoid hitting overhead power lines. It's costly.
Call before you do Overhead
1-702-593-6111

Avoid cutting underground utility lines. It's costly.
Call before you Dig.
1-800-227-2600

APPROVALS

CITY FIRE MARSHAL — 5.9.03 — DATE

LAS VEGAS VALLEY WATER DISTRICT — DATE

NO.	DESCRIPTION	DATE	APP'D

DATE :	4/30/2003
PM :	S.L.Y.
DRAWN BY :	D.L.
DESIGNED BY :	R.P.S.
CHECKED BY :	R.W.C.
ADA CHECKED :	
JOB NO. :	88147028
SCALE :	1"=20'

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LAS VEGAS, NEVADA 89134
(702) 256-7900

PULTE HOMES
WYETH RANCH UNIT 2
SVZ DETAILS, TRAFFIC NOTES AND DETAILS

PROFESSIONAL ENGINEER – STATE OF NEVADA
RICHARD W. CUMMOCK
CIVIL
5447
5.1.03

10744699-2

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