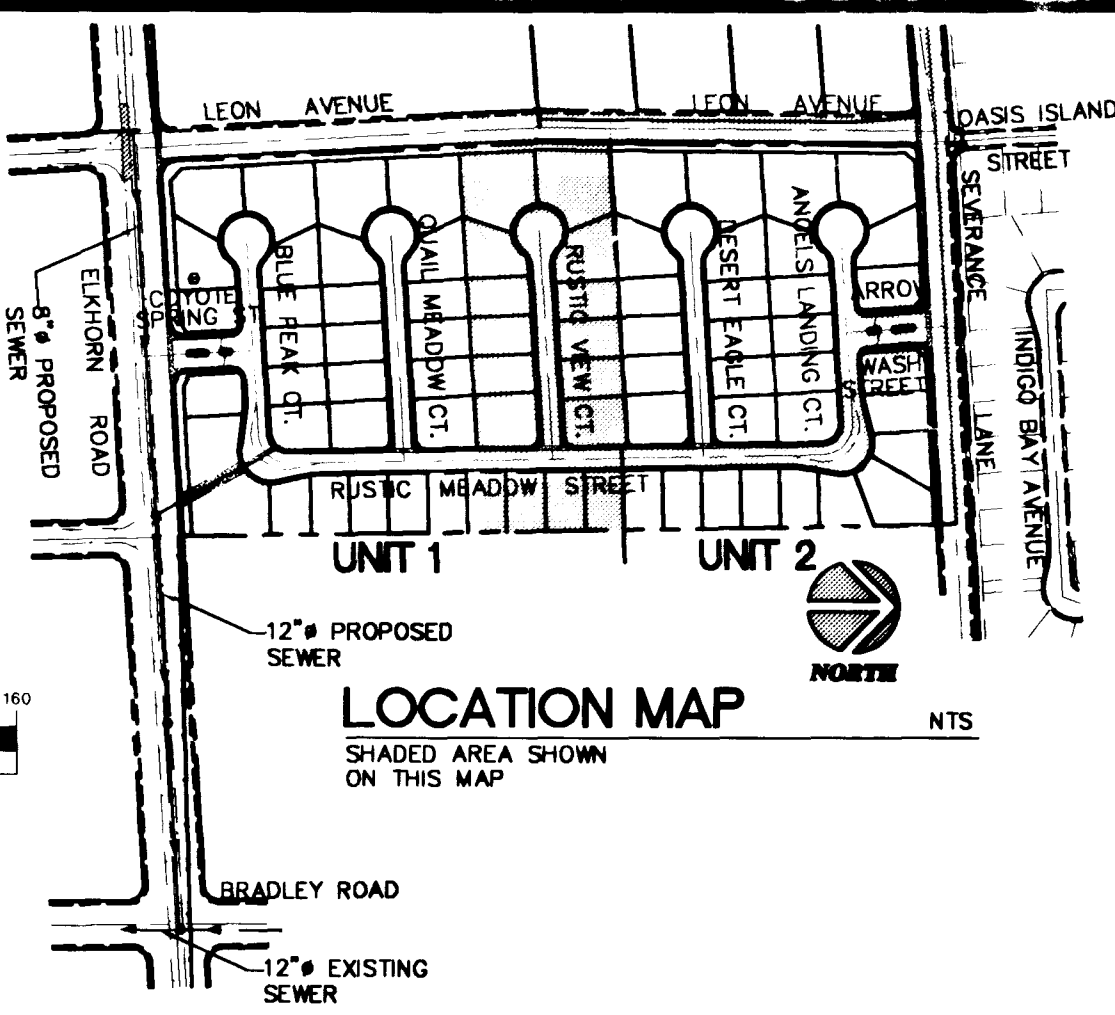
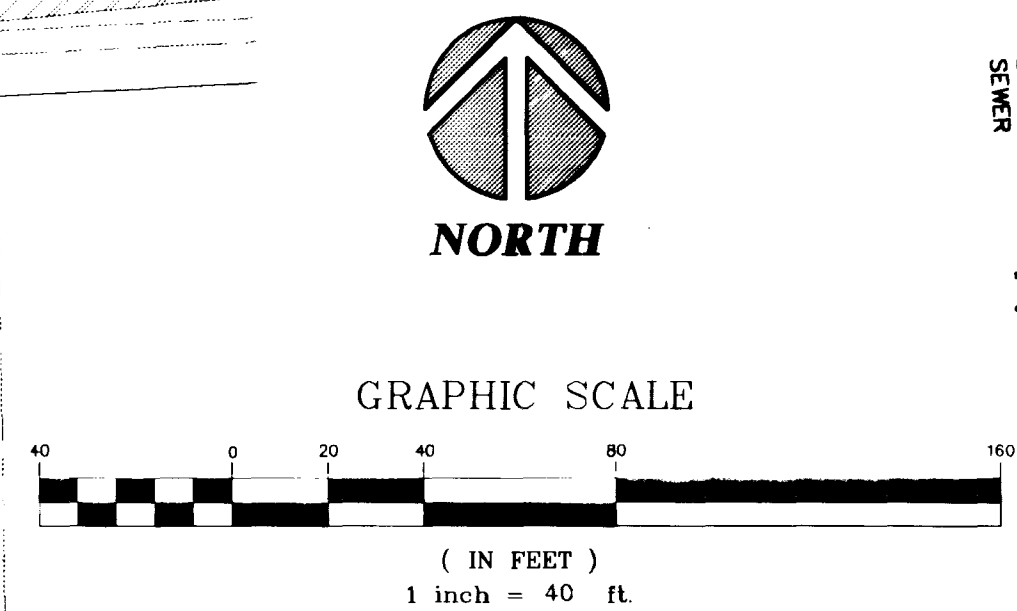
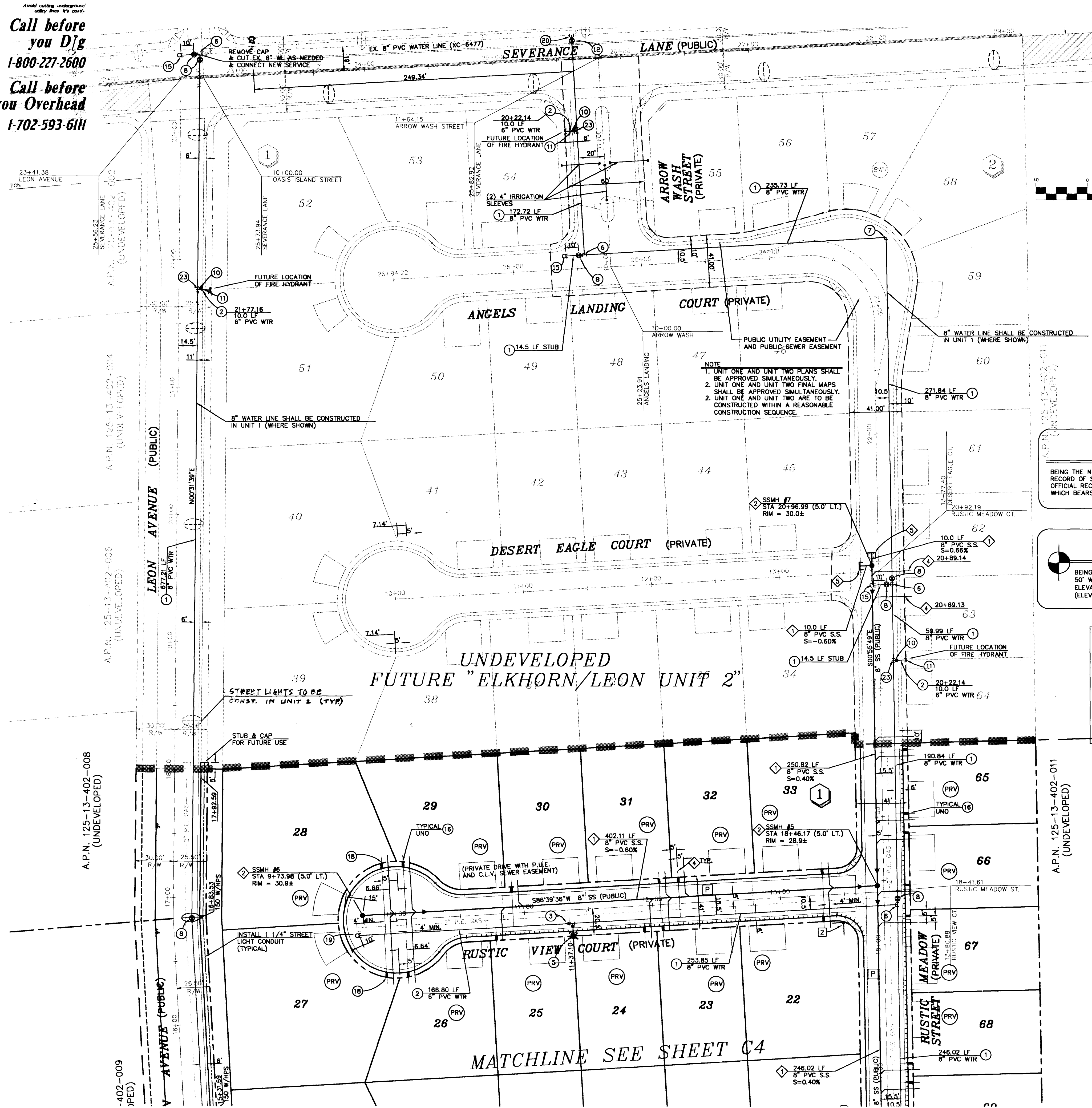


Call before  
you Dig  
1-800-227-2600  
Call before  
you Overhead  
1-702-593-6111



**REDUCED PRESSURE PRINCIPLE ASSEMBLY 1-1"**  
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 LVWD. 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.

**BASIS OF BEARING**  
BEING THE NORTH LINE OF THE LOT 63, AS IT IS SHOWN ON THE RECORD OF SURVEY IN FILE 52, OF SURVEYS, PAGE 70, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA, WHICH BEARS: SOUTH 85°04'37" WEST.

**BENCHMARK**  
BEING THE CITY OF NORTH LAS VEGAS BM, #518118 (11V90-13E4), 50' WEST OF BLM BRASS CAP @ DECATUR BLVD. & FARM ROAD, ELEVATION = 707.9639 METERS - 2,322.71 FEET. (N.A.V.D. 1988) (ELEVATION BASED ON CITY OF LAS VEGAS VERTICAL DATUM)

**SEWER CONNECTION NOTE**  
A SEGMENT 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 HAVE BEEN DEEMED AVAILABLE FOR SERVICE.

**CONSTRUCTION NOTE**  
ALL EXISTING UTILITY STRUCTURES WITHIN CONSTRUCTION AREA SHALL BE ADJUSTED TO MATCH FINISH GRADE (I.e. WV, BOX, WMH, ANNOX BOX, FH, TEL. BOX, ETC.)

**NOTE**  
ALL DIMENSIONS TO UTILITIES ARE TO CENTERLINE OF PIPE UNLESS INDICATED OTHERWISE.  
CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

**SIGNAGE NOTES**  
1. INSTALL 30" X 30" R1-1 (STOP SIGN) UNLESS NOTED OTHERWISE  
2. INSTALL STREET NAME SIGN PER CLARK COUNTY AREA STANDARD DWG NO. 250  
3. INSTALL "25 MPH SPEED LIMIT SIGN"

**SEWER CONTRIBUTIONS**  
AVERAGE FLOW: ..... 0.008 MGD  
PEAK FLOW: ..... 0.026 MGD

NOTE:  
SEE SHEET C4, FOR FIRE HYDRANT DETAIL  
SEE SHEET C4, FOR LAS VEGAS VALLEY WATER DISTRICT STANDARD NOTES

**WATER CONSTRUCTION NOTES AND QUANTITIES**

1. INSTALL 8" PVC WATER LINE
2. INSTALL 6" PVC WATER LINE
3. 8" x 6" REDUCER
4. INSTALL 1" RPPA (PER U.D.A.C.S. STD. PLATE NO. 11A)
5. INSTALL FIRE HYDRANT ASSEMBLY PER UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (U.D.A.C.S.) PLATE NO. 7; INCLUDES TEE, 6" PIPE, GATE VALVE AND RISER
6. INSTALL 8" TEE
7. INSTALL 8" - 90° ELBOW
8. INSTALL 8" GATE VALVE. VALVES SHALL NOT BE LOCATED IN STREET VALLEY OUTLETS OR WITHIN THE PROPOSED CURB & GUTTER LOCATIONS
9. INSTALL 8" - 45° BEND
10. INSTALL 6" GATE VALVE
11. INSTALL 6" CAP
12. INSTALL 8" TAPPING VALVE
13. INSTALL 12" x 8" TEE
14. INSTALL 12" WATER LINE
15. 8" CAP W/ 2" BLOWOFF ASSEMBLY (PER U.D.A.C.S. STD. PLATE NO. 4)
16. 5/8" WATER METER W/1" SERVICE LATERAL (PER U.D.A.C.S. STD. PLATE NO. 1B)
17. INSTALL 1" WATER METER (IRRIGATION) (PER U.D.A.C.S. STD. PLATE NO. 1D)
18. 3/4" WATER METER W/1" SERVICE LATERAL (PER U.D.A.C.S. STD. PLATE NO. 1D)
19. 6" CAP WITH 2" BLOWOFF ASSEMBLY (PER U.D.A.C.S. STD. PLATE NO. 4)
20. INSTALL 8" x 8" M.J. TAPPING TEE
21. INSTALL 12" GATE VALVE
22. 12" CAP WITH 2" BLOWOFF ASSEMBLY (PER U.D.A.C.S. STD. PLATE NO. 4)
23. INSTALL 8" x 6" TEE
- PRV. INSTALL PRESSURE REDUCING VALVE

**SEWER CONSTRUCTION NOTES**

1. INSTALL 8" SEWER MAIN, TRENCH SECTION BACKFILL PER D.C.S.W.C.S. NO. SD-16
2. INSTALL 48" SANITARY SEWER MANHOLE PER DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS PLATE SD-1
3. REMOVE CAP & CONNECT TO EXISTING STUB
4. INSTALL 4" SEWER LATERAL W/ 4" WYE. LOCATION PER TYPICAL LOT DETAIL "J" ON SHEET D1. UNLESS NOTED OTHERWISE
5. INSTALL 8" CAP
6. INSTALL BACK WATER VALVE

**LAS VEGAS FIRE DEPARTMENT**

FIRE FLOW IS 1500 GPM AT 20 PSI RESIDUAL PRESSURE.  
BASED ON:  
SQUARE FOOTAGE: ..... 3,600 S.F. (MAX)  
BUILDING HEIGHT: ..... 24' (MAX)  
NUMBER OF STORIES: ..... 2 (MAX)  
OCCUPANCY: ..... SINGLE FAMILY  
FULL AUTOMATIC FIRE SPRINKLERS: ..... NO

REVIEWED BY: *[Signature]* DATE: 8-4-99  
**APPROVED FOR CONSTRUCTION**

LVWD DATE

SCALE: 1" = 40'

DRAWN BY: SSC/ekd

CHECKED BY: SSC/JWL

PROJECT DATE: 02/99

DATE

REVISION

NO.

CONCORDIA • ELKHORN/LEON

CITY OF LAS VEGAS

CONCORDIA

DEVELOPER

6280 S. Valley View Blvd

Suite 200

Las Vegas, NV 89118

Tel: (702) 368-3008

Fax: (702) 368-0047

CONSULTANTS, INC.

ENGINEERING • PLANNING • LAND SURVEYING

SHEET

C5

5 OF 17

AGENCY DWG. NO.

3074-4619-1

