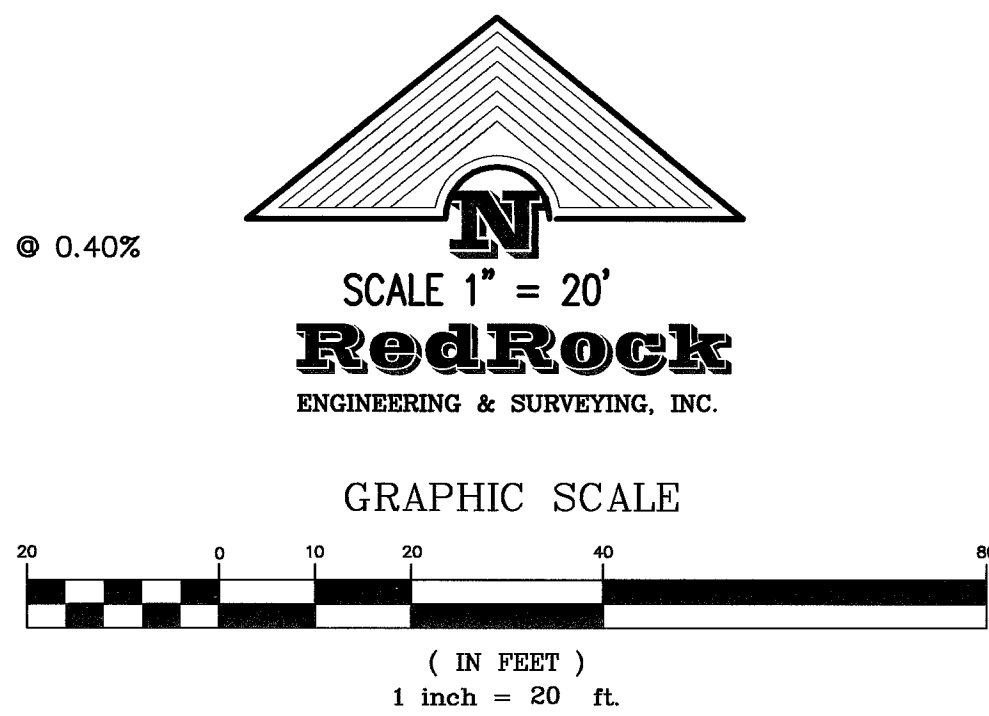
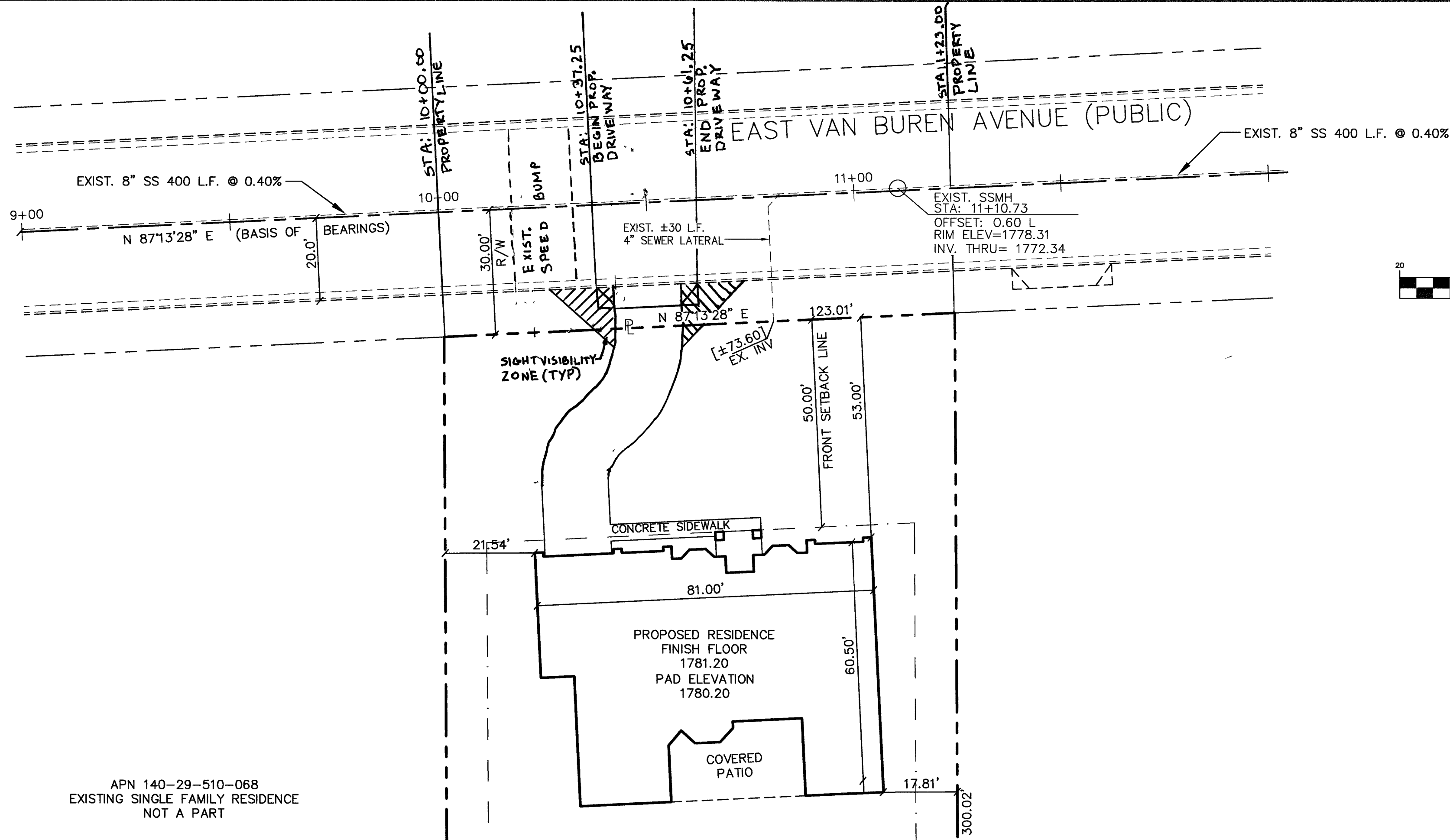




BASIS OF BEARING

NORTH 87° 13' 28" EAST — BEING THE CENTERLINE OF VAN BUREN AVENUE, AS SHOWN PER THAT MAP OF HAPPY VALLEY RANCHO TRACT 1, RECORDED IN BOOK 3 OF PLATS, PAGE 69, IN THE OFFICE OF THE COUNTY RECORDER OF CLARK COUNTY, NEVADA.

BENCHMARK

6C02 21SW CLARK COUNTY ENGINEERING DEPARTMENT DATUM
2" BRASS CAP REFERENCE MONUMENT IN TOP OF CURB NORTHEAST CORNER OF NELLIS BOULEVARD AND OWENS AVENUE, NEAR THE PC OF NELLIS BOULEVARD.

NAVD 88 ELEV = 542.0376 METERS OR 1778.33 FEET

GRADING NOTES

THE CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITION BETWEEN THE NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND INGRESS AND EGRESS TO SAID CONSTRUCTION.

SOILS REPORT

PAVING AND GRADING TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS PER SOILS REPORT PREPARED BY : **ACTION TECHNICAL**
REPORT NO.: **7479**
DATE: **11/23/05**

UTILITY DISCLAIMER NOTES

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS: 1500 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE. SPRINKLERS PROVIDED.

BASED ON:

SQUARE FOOTAGE: 4675 SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: NA SQUARE FEET
BUILDING HEIGHT: 25 FEET
NUMBER OF STORIES: ONE FLOOR
TYPE OF CONSTRUCTION: V-B

OCCUPANCY: RESIDENTIAL

FULL AUTOMATIC FIRE SPRINKLER SYSTEM: ☒ YES ☐ NO

REVIEWED BY: *[Signature]* DATE: 11/30/06

LEGEND

[XX.XX]	EXISTING GRADES
XX.XX	PROPOSED GRADES
---	RIGHT-OF-WAY LINE
---	STREET CENTERLINE
---	PROPOSED BUILDING
---	SETBACK LINE
---	PROPOSED FLOW LINE
---	EXIST. CONTOURS
---	EXISTING CURB
---	PROPOSED WELL SITE

ABBREVIATIONS

APN	ASSESSOR'S PARCEL NUMBER
AC	ASPHALT
CC	CLARK COUNTY
EG	EXISTING GRADE
FF	FINISH FLOOR
FG	FINISH GRADE
FL	FLOW LINE
GB	GRADE BREAK
HP	HIGH POINT
LP	LOW POINT
PL	PROPERTY LINE
TC	TOP OF CURB

APN 140-29-510-091
EXISTING SINGLE FAMILY RESIDENCE
NOT A PART

APN 140-29-510-090
EXISTING SINGLE FAMILY RESIDENCE
NOT A PART

APN 140-29-510-089
EXISTING SINGLE FAMILY RESIDENCE
NOT A PART

APN 140-29-510-088
NOT A PART

AVOID CUTTING UNDERGROUND UTILITIES - IT'S COSTLY

**CALL
BEFORE YOU
Dig**

1-800-227-2600
UNDERGROUND SERVICE (USA)

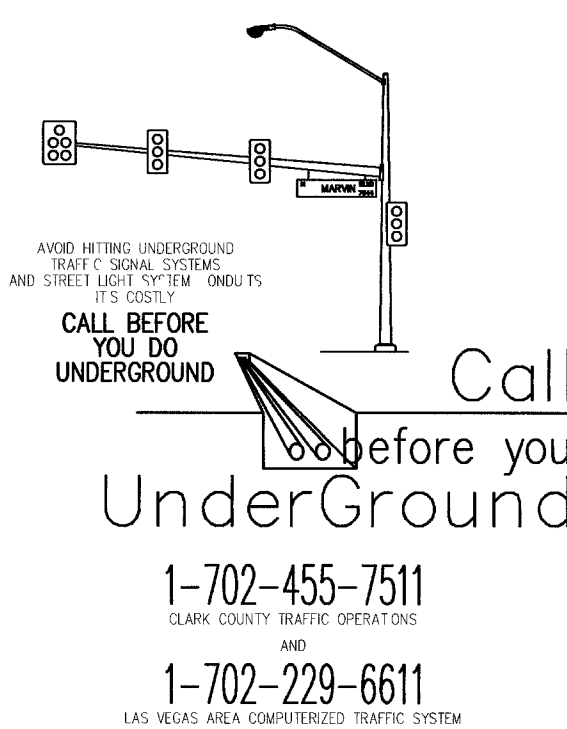
NOTICE !

EXISTING UTILITIES ARE LOCATED ON THE PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE ENGINEER BEARS NO RESPONSIBILITY FOR THE LOCATION OF UTILITIES SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES BEFORE STARTING CONSTRUCTION AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES WITH THE UTILITY COMPANIES.

AVOID OVERHEAD POWER LINE CONTACT

**CALL
BEFORE YOU
OVERHEAD**

1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPT



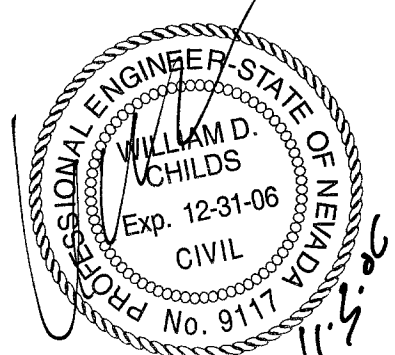
RedRock
ENGINEERING & SURVEYING, INC.

2001 SOUTH RAINBOW BLVD. STE. K
LAS VEGAS, NEVADA 89146
PHONE (702) 863-8188
FAX (702) 365-3453

NAVARRO RESIDENCE
UTILITY PLAN

SINGLE FAMILY RESIDENCE
4919 EAST VAN BUREN AVENUE
CLARK COUNTY, NEVADA

DRAWN BY : TGM
DESIGNED BY : WDC
CHECKED BY : WDC
DATE : 12/07/05
JOB # : 25196
APN : 140-29-510-089
SECT 29 : T 20 S R 62 E
SCALE : HORIZ 1" = 20'
VERT 1" = N/A



SHEET #
C4

4 OF 4

107V4761