AS-BUILT

CURVE	RADIUS	DELTA	TANGENT	LENGTH
C1	15.00'	91°59'36"	15.53'	24.08'
C2	15.00'	91°57'17"	15.52'	24.07'
C3	15.00'	88°02'43"	14.50'	23.05'
C4	19.50'	48°49'38"	8.85'	16.62'
C5	40.50'	50°49'16"	19.24'	35.92'
C6	40.50'	88°00'22"	39.11'	62.21'
C7	40.50'	91°59'38"	41.93'	65.03'
C8	40.50'	46°50'00"	17.54'	33.10'

SCALE 1" = 30'

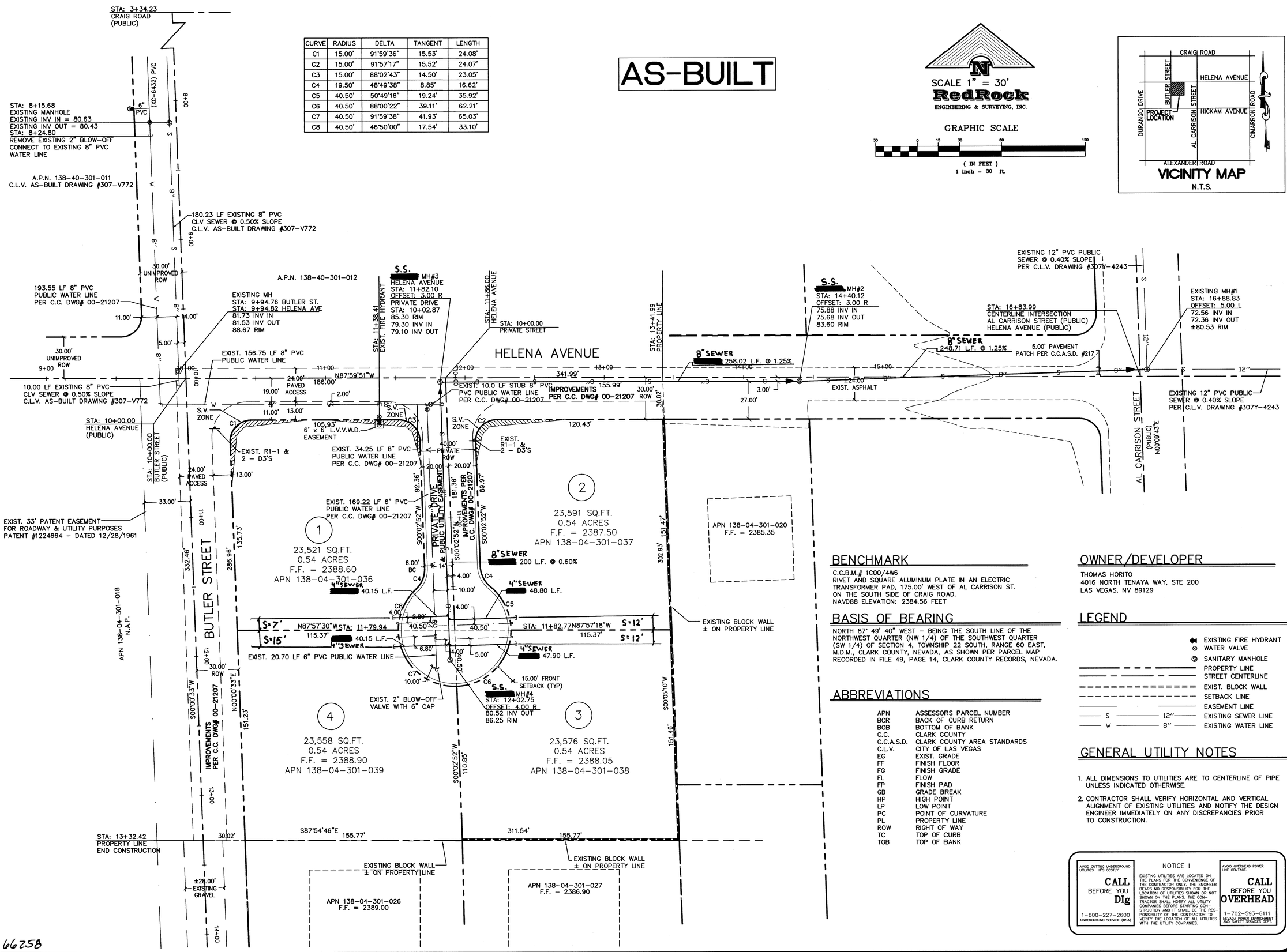
RedRock ENGINEERING & SURVEYING, INC.

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

VICINITY MAP
N.T.S.



BENCHMARK

C.C.B.M.# 1C00/4W6
RIVET AND SQUARE ALUMINUM PLATE IN AN ELECTRIC TRANSFORMER PAD, 175.00' WEST OF AL CARRISON ST. ON THE SOUTH SIDE OF CRAIG ROAD.
NAVD88 ELEVATION: 2384.56 FEET

BASIS OF BEARING

NORTH 87° 49' 40" WEST - BEING THE SOUTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 4, TOWNSHIP 22 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN PER PARCEL MAP RECORDED IN FILE 49, PAGE 14, CLARK COUNTY RECORDS, NEVADA.

ABBREVIATIONS

APN	ASSESSORS PARCEL NUMBER
BCR	BACK OF CURB RETURN
BOB	BOTTOM OF BANK
C.C.	CLARK COUNTY
C.C.A.S.D.	CLARK COUNTY AREA STANDARDS
C.L.V.	CITY OF LAS VEGAS
EG	EXIST. GRADE
FF	FINISH FLOOR
FG	FINISH GRADE
FL	FLOW
FP	FINISH PAD
GB	GRADE BREAK
HP	HIGH POINT
LP	LOW POINT
PC	POINT OF CURVATURE
PL	PROPERTY LINE
ROW	RIGHT OF WAY
TC	TOP OF CURB
TOB	TOP OF BANK

OWNER/DEVELOPER

THOMAS HORITO
4016 NORTH TENAYA WAY, STE 200
LAS VEGAS, NV 89129

LEGEND

- EXISTING FIRE HYDRANT
- WATER VALVE
- SANITARY MANHOLE
- PROPERTY LINE
- STREET CENTERLINE
- EXIST. BLOCK WALL
- SETBACK LINE
- EASEMENT LINE
- S — 12" — EXISTING SEWER LINE
- W — 8" — EXISTING WATER LINE

GENERAL UTILITY NOTES

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

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**
1-702-593-6111
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPT.

REV:	DATE:	BY:	REVISION:

THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS TO THE ENGINEER PRIOR TO COMMENCING WORK. THESE DRAWINGS ARE NOT TO BE SCALED. ALL EXISTING UTILITIES AND STRUCTURES SHOWN ON THESE PLANS ARE BELIEVED TO BE ALL REMAIN IN SOLE PROPERTY, UNTIL SIGNED BY THE PREVAILING ENTITIES THESE PLANS ARE TO BE USED FOR CONSTRUCTION PURPOSES. THE REPRODUCTION OF THESE DOCUMENTS IN WHOLE OR IN PART IS PROHIBITED. THESE DOCUMENTS ARE TO BE RETURNED OR SUITABLY ACCOUNTED FOR TO THE ENGINEER ON THE REQUEST OF THE OWNER. THE USE OF THESE DOCUMENTS ON OTHER PROJECTS AND FOR ADDITIONS TO THIS PROJECT, BY ANYONE OTHER THAN THE OWNER, IS STRICTLY PROHIBITED EXCEPT WITH WRITTEN CONSENT OF THE ENGINEER.

RedRock ENGINEERING & SURVEYING, INC.
2001 SOUTH RAINBOW BLVD., STE. K
LAS VEGAS, NEVADA 89146
PHONE (702) 363-8188

HELENA AVE & BUTLER STREET
SEWER EXTENSION
SEWER PLAN
CLARK COUNTY, NEVADA

DRAWN BY : M.B.
DESIGNED BY : M.B.
CHECKED BY : W.D.C.
DATE : 03/23/2001
JOB # : 20007
APN : MULTIPLE
SECT 04 T 20 S R 60 E
SCALE : HORIZ 1" = 30'
VERT 1" = 3'

PROFESSIONAL ENGINEER - STATE OF NEVADA
WILLIAM D. CHILDS
12-31-04
CIVIL
No. 9117

SHEET #
C3
3 OF 5

CLV-DWG# 307-V806

66258

307-V806