

DISCLAIMER NOTE:

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 OR 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. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

Call before you dig
Nevada Power
Environment and Safety
Service Department
1-702-227-2929
1-800-227-2600
CLARK COUNTY 911
1-702-453-7544

TRAFFIC CONSTRUCTION NOTES

SIGNS

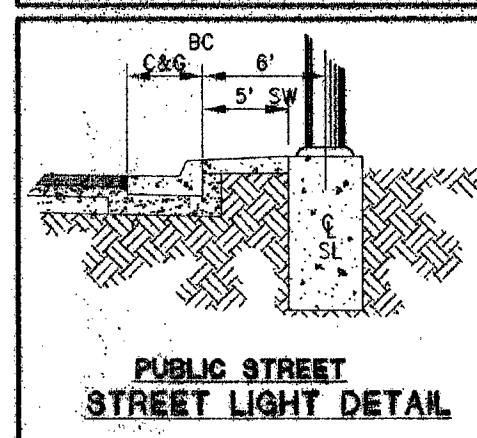
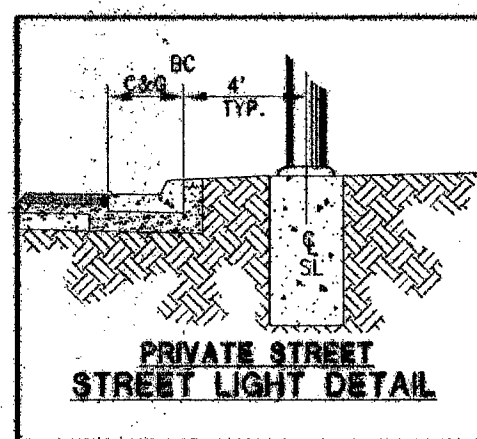
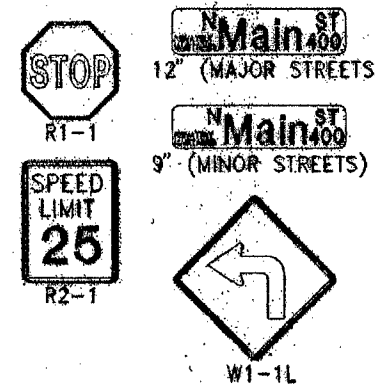
- INSTALL 1-36" R1-1 STOP SIGN AND 2-12" STREET NAME SIGNS (PRIVATE STREET SIGNS WITH "PRIVATELY MAINTAINED" TO BE WHITE LETTERS ON BROWN BACKGROUND)
- INSTALL 1-36" R1-1 STOP SIGN AND 2-9" STREET NAME SIGNS (PRIVATE STREET SIGNS WITH "PRIVATELY MAINTAINED" TO BE WHITE LETTERS ON BROWN BACKGROUND)
- INSTALL R2-1 SPEED LIMITS SIGN POSTED "SPEED LIMIT 25"
- INSTALL W1-1 LEFT TURN SIGN

STREETLIGHTS

- INSTALL 100 HPS STREET LIGHT PER CLIFF'S EDGE DESIGN GUIDELINES SECTION 5 DETAIL 5-16 AND 5-17
- INSTALL 150 HPS STREET LIGHT PER CCAUSD No. 314, 320, AND 321
- INSTALL PRIVATE 125 AMP WALL MOUNTED SERVICE PEDESTAL
- INSTALL 1-1/4" PVC STREETLIGHT CONDUIT WITH 2-NO. 4 AND 1-NO. 8 GND THW
- INSTALL No. 3 1/2 PULL BOX PER CCAUSD No. 328
- REMOVE CAP AND CONNECT TO EXISTING 1 1/4" PVC STREETLIGHT CONDUIT. INSTALL 2-NO. 4 AND 8 GND THW IN EXISTING STREETLIGHT CONDUIT.

PAVEMENT MARKINGS AND MISCELLANEOUS

- INSTALL BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKERS ADJACENT TO THE FIRE HYDRANT ON ALL IMPROVED FIRE APPARATUS ACCESS ROADWAYS WITH HARD SURFACE, INCLUDING BOTH PUBLIC AND PRIVATE ROADS, OR FIRE LANES
- PAINT CURB RED IN FRONT OF FIRE HYDRANT
- PAINT CURB RED IN FRONT OF FIRE DEPT EMERGENCY ACCESS

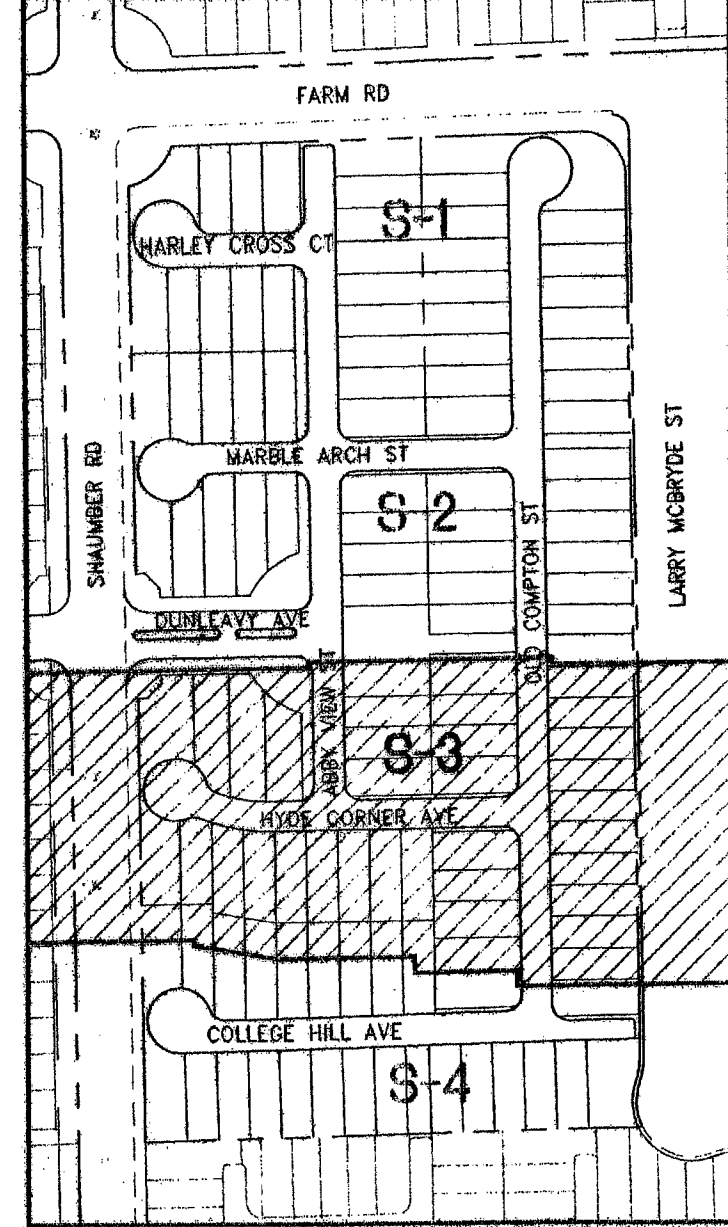


CURVE #	LENGTH	RADIUS	DELTA	TANGENT
C45	24.71	30.00	47.20	13.11
C46	25.41	30.00	48.53	13.52
C47	31.42	20.00	90.00	20.00
C48	31.42	20.00	90.00	20.00
C49	31.42	20.00	90.00	20.00
C50	31.42	20.00	90.00	20.00
C51	31.42	20.00	90.00	20.00
C52	31.42	20.00	90.00	20.00
C53	31.42	20.00	90.00	20.00
C54	31.42	20.00	90.00	20.00
C55	31.42	20.00	90.00	20.00
C56	31.42	20.00	90.00	20.00
C57	31.70	20.00	90.82	20.29
C58	31.13	20.00	89.18	19.71
C59	31.42	20.00	90.00	20.00
C60	31.42	20.00	90.00	20.00
C61	31.42	20.00	90.00	20.00
C62	31.42	20.00	90.00	20.00
C63	15.40	180.50	4.89	7.71

LINE #	BEARING	LENGTH
L1	S1° 49' 43.72"W	213.19
L2	N0° 45' 44.27"E	190.97
L3	N7° 21' 55.83"W	88.13
L4	S0° 45' 44.00"E	65.06
L5	N0° 38' 46.08"W	72.00
L6	S6° 47' 06.99"W	77.70
L7	S44° 21' 13.92"W	7.46
L8	S80° 43' 00.25"W	64.40
L9	N89° 21' 13.92"E	59.00
L10	S89° 21' 13.92"E	72.00
L11	S83° 12' 53.01"E	77.70
L12	S45° 38' 46.08"E	7.46
L13	S9° 16' 59.75"E	64.40
L14	N0° 38' 46.08"W	59.00
L15	N0° 38' 46.08"W	72.00
L16	S6° 47' 06.99"W	77.70
L17	S44° 21' 13.92"E	7.46
L18	S80° 43' 00.25"E	64.40
L19	N89° 21' 13.92"E	59.00
L20	N0° 38' 46.08"W	59.00
L21	S9° 16' 59.75"E	64.40
L22	S45° 38' 46.08"E	7.46
L23	S83° 12' 53.01"E	77.70
L24	S89° 21' 13.92"E	72.00
L25	S89° 21' 13.92"E	72.00
L26	S83° 12' 53.01"E	77.70
L27	S45° 38' 46.08"E	7.46
L28	S9° 16' 59.75"E	64.40

LINE #	BEARING	LENGTH
L29	N0° 38' 46.08"W	59.00
L30	S0° 38' 46.08"E	72.00
L31	N8° 47' 08.99"E	77.70
L32	N44° 21' 13.92"E	7.46
L33	N80° 43' 00.25"E	64.40
L34	S89° 21' 13.92"W	59.00
L35	N0° 38' 46.08"W	65.00
L36	S6° 47' 06.99"W	69.49
L37	S44° 21' 13.92"W	9.72
L38	S82° 53' 02.57"W	81.73
L39	N89° 21' 13.92"E	77.00
L40	S0° 38' 46.08"E	65.00
L41	N8° 01' 11.64"W	69.49
L42	N45° 38' 46.08"W	9.48
L43	N84° 45' 17.58"W	90.86
L44	N89° 21' 13.92"E	86.00
L45	N0° 38' 46.08"W	72.00
L46	S6° 47' 06.99"W	77.70
L47	S44° 21' 13.92"W	7.46
L48	S80° 43' 00.25"W	60.03
L49	N89° 21' 13.92"E	39.29
L50	N89° 21' 13.92"E	69.78
L51	N89° 21' 13.92"E	77.70
L52	N83° 12' 53.01"E	77.70
L53	N45° 38' 46.08"W	7.46
L54	N9° 16' 59.75"W	64.40
L55	S0° 38' 46.08"E	59.00
L56	N89° 31' 50.42"E	71.72
L57	N84° 01' 29.58"W	77.32

LINE #	BEARING	LENGTH
L58	N46° 03' 27.83"W	7.81
L59	N9° 18' 03.56"W	64.01
L60	S0° 38' 46.08"E	58.72
L61	N0° 38' 46.08"W	72.29
L62	S6° 47' 06.99"W	78.10
L63	S43° 56' 32.17"W	7.11
L64	S79° 54' 46.59"W	64.80
L65	N89° 31' 50.42"E	59.29
L66	S89° 21' 13.92"W	72.00
L67	S83° 12' 53.01"E	77.70
L68	S45° 38' 46.08"E	7.46
L69	S9° 16' 59.75"E	64.40
L70	N0° 38' 46.08"W	59.00
L71	N0° 38' 46.08"W	72.00
L72	S6° 47' 06.99"W	77.70
L73	S44° 21' 13.92"E	7.46
L74	S80° 43' 00.25"E	64.40
L75	N89° 21' 13.92"E	59.00
L76	S89° 21' 13.92"E	72.00
L77	S83° 12' 53.01"E	77.70
L78	S45° 38' 46.08"E	7.46
L79	S9° 16' 59.75"E	64.40
L80	N0° 38' 46.08"W	59.00
L81	N0° 38' 46.08"W	72.00
L82	S6° 47' 06.99"W	77.70
L83	S44° 21' 13.92"E	7.46
L84	S80° 43' 00.25"W	64.40
L85	N89° 21' 13.92"E	59.00



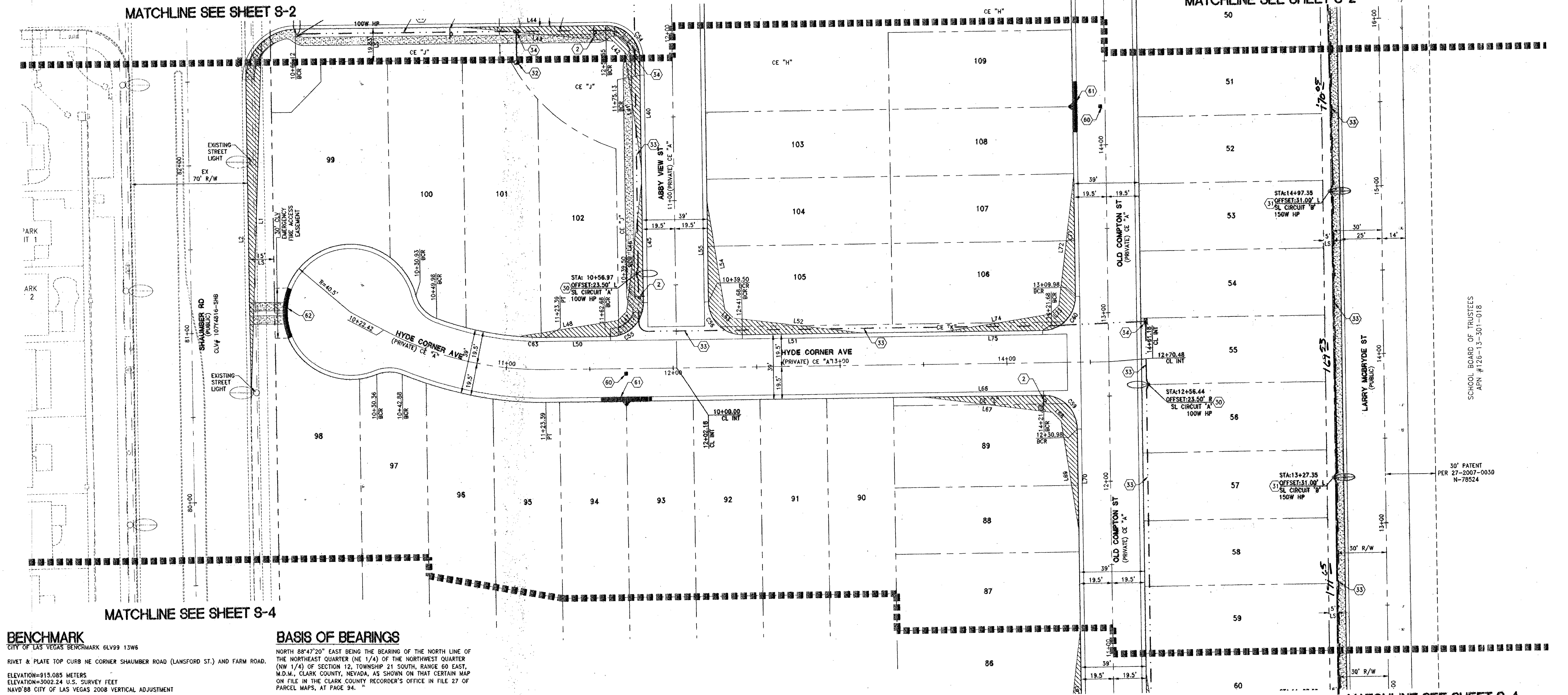
30' 15' 0' 30' 60'
SCALE: 1" = 30'

CAPACITY CALCULATIONS	
1 CIRCUIT CAPACITY:	60 AMPS
2 MAXIMUM CONTINUOUS CURRENT DRAW (CCR)	48 AMPS
3 EXISTING CIRCUIT LOAD (ENTER 0 IF NEW)	0.0 AMPS
4 AVAILABLE (2 MINUS 3)	48 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT:	
5 NUMBER OF 100 WATT SLT'S @ 1.0 AMPS/EA	8 AMPS
6 NUMBER OF 150 WATT SLT'S @ 1.25 AMPS/EA	0 AMPS
7 NUMBER OF 250 WATT SLT'S @ 1.5 AMPS/EA	0 AMPS
8 TOTAL PROPOSED ADDITIONAL LOAD (5+6+7)	8 AMPS
REMAINING AVAILABLE LOAD (4 MINUS 8)	40 AMPS

CAPACITY CALCULATIONS	
1 CIRCUIT CAPACITY:	60 AMPS
2 MAXIMUM CONTINUOUS CURRENT DRAW (CCR)	48 AMPS
3 EXISTING CIRCUIT LOAD (ENTER 0 IF NEW)	17.5 AMPS
4 AVAILABLE (2 MINUS 3)	30.5 AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT:	
5 NUMBER OF 100 WATT SLT'S @ 1.0 AMPS/EA	0 AMPS
6 NUMBER OF 150 WATT SLT'S @ 1.25 AMPS/EA	8.75 AMPS
7 NUMBER OF 250 WATT SLT'S @ 1.5 AMPS/EA	0 AMPS
8 TOTAL PROPOSED ADDITIONAL LOAD (5+6+7)	8.75 AMPS
REMAINING AVAILABLE LOAD (4 MINUS 8)	21.75 AMPS

ASBUILT

WESTERN STATES CONTRACTING, INC.
4129 W. CHEYENNE AVE, SUITE B
N. LAS VEGAS, NV 89032



BENCHMARK

CITY OF LAS VEGAS BENCHMARK 6LV99 13W5

RIVET & PLATE TOP CORNER SHAMBER ROAD (LANSFORD ST.) AND FARM ROAD.
ELEVATION=915.085 METERS
ELEVATION=3002.24 U.S. SURVEY FEET
NAVD88 CITY OF LAS VEGAS 2008 VERTICAL ADJUSTMENT

BASIS OF BEARINGS

NORTH 88°47'20" EAST BEING THE BEARING OF THE NORTH LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 12, TOWNSHIP 21 SOUTH, RANGE 60 EAST, N.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 27 OF PARCEL MAPS, AT PAGE 94.

LENNAR
2000 PAVED VERTICALLY SURE 200 HENDRICKSON, NV 89074
PHONE: (702) 786-8800 FAX: (702) 786-8800
RCI Engineering
3281 South Highland Drive, Suite 210, Las Vegas, NV 89109
PHONE: (702) 453-0800 FAX: (702) 453-0801

IMPROVEMENT PLANS FOR
WEST END (AKA FARM AND SHAMBER)
CLIFFS EDGE POD 208
STREET LIGHT, SIGNAGE AND STRIPING PLAN
(SHEET 3 OF 4)

PROFESSIONAL ENGINEER
CHRISTOPHER R. ZIMM
Exp. 5/30/2014
CIVIL
No. 13976

10-23-13
DRAWING
S-3
SHEET 39 OF 40
CLV DRAWING NUMBER
1490965
107V 2285
CLV PROJECT NUMBER 50965