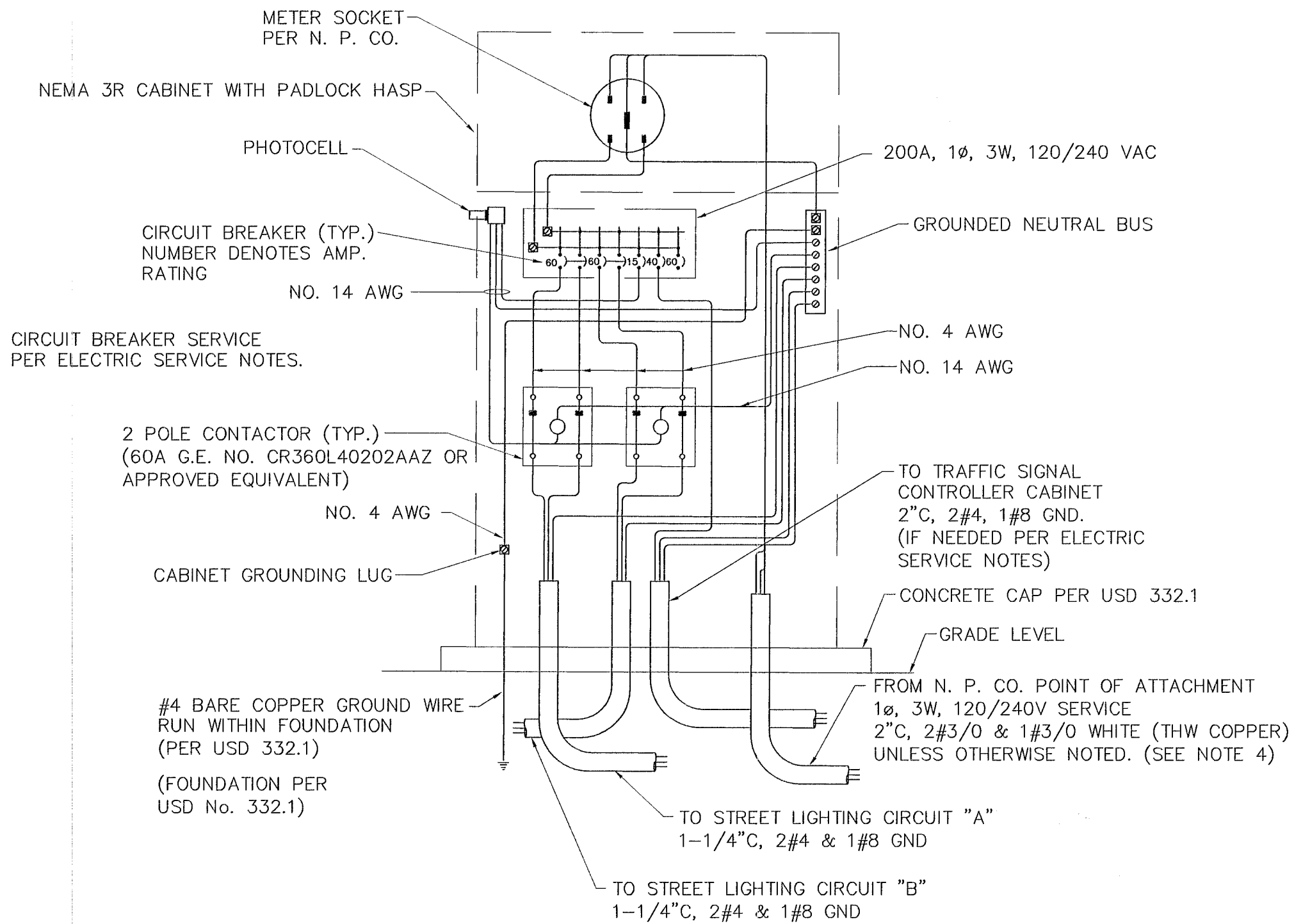


FHD2: SERVICE PEDESTAL CIRCUIT CAPACITY VERIFICATION

CIRCUIT NAME	FHD2(A)	FHD2(B)
CIRCUIT TYPE	STREET LIGHTING (PROPOSED)	STREET LIGHTING (FUTURE)
VOLTAGE:	240	240
CIRCUIT CAPACITY:	60	60
MAXIMUM CONTINUOUS CURRENT DRAW IS 80% OF CIRCUIT CAPACITY:	48	48
EXISTING CIRCUIT LOAD AMPS =	6.00	0.00
PROPOSED LOAD TO CIRCUIT:	PROPOSED	PROPOSED
150 WATT SINGLE LUMINAIRES AT 240V = 0.75 AMPS	QTY. AMPS	QTY. AMPS
150 WATT TWIN LUMINAIRES AT 240V = 1.50 AMPS	0 0.00	0 0.00
250 WATT SINGLE LUMINAIRES AT 240V = 1.25 AMPS	5 7.50	0 0.00
400 WATT SINGLE LUMINAIRES AT 120V = 4.00 AMPS	0 0.00	0 0.00
TOTAL PROPOSED LOAD AMPS =	7.50	0.00
EXISTING PLUS PROPOSED LOAD AMPS =	13.50	0.00
REMAINING AVAILABLE LOAD AMPS: MAXIMUM - EXISTING - PROPOSED =	34.50	48.00



- NOTES:
1. MANUFACTURER'S CATALOG NUMBERS ARE SHOWN TO ESTABLISH A DEGREE OF QUALITY AND PERFORMANCE, APPROVED AS EQUIVALENT ARE ACCEPTABLE.
 2. ALL CONDUCTORS AND BUSSING TO BE COPPER.
 3. INSTALL PER CLARK COUNTY AREA, UNIFORM STANDARD DRAWING NUMBER 330, 331, 332.1, 335.1.
 4. TRANSFORMER TO SERVICE PEDESTAL DISTANCES GREATER THAN 195' FOR SPECIFIED CONDUCTORS MUST BE APPROVED BY ENGINEER.
 5. ALL CONDUCTOR SHALL BE STRANDED 600V THW INSULATED COPPER.

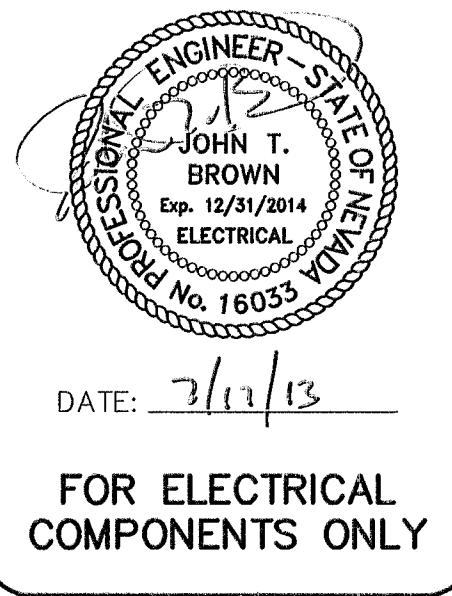
ICLV 200A PAD MOUNTED SERVICE POINT
FOR TRAFFIC SIGNAL AND STREET LIGHTING
NOT TO SCALE

ELECTRICAL NOTES

1. ALL UNDERGROUND CONDUIT SHALL BE TYPE RNC (RIGID NONMETALLIC CONDUIT), SCHEDULE 40 PVC AND SHALL BE INSTALLED PER USD 404.1419. ABOVE GRADE CONDUIT SHALL BE TYPE RMC (RIGID METALLIC CONDUIT). CONDUIT RISERS SHALL BE TYPE RMC WITH PVC COATING OR TAPE WRAP.
2. ALL CONDUIT WHICH WOULD OTHERWISE BE EMPTY SHALL INCLUDE A NYLON PULLSTRING AND 1#8 FOR LOCATING PURPOSES.
3. ALL CONDUCTORS SHALL BE STRANDED, 600-VOLT, TYPE THW INSULATED COPPER.
4. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL ELECTRICAL COMPONENTS AND HARDWARE AS REQUIRED BY THE NATIONAL ELECTRICAL CODE, LATEST EDITION AND SHALL COMPLY WITH THE REQUIREMENTS OF THE INSPECTING AUTHORITY HAVING JURISDICTION.

ELECTRICAL SERVICE NOTES:

FHD2: EXISTING 200 AMP, SINGLE PHASE, 3 WIRE, 120/240V PAD MOUNTED SERVICE PEDESTAL. THE FOLLOWING ARE INCLUDED IN THE SERVICE PEDESTAL:
(2) 60 AMP, 240V, 2-POLE CIRCUIT BREAKERS,
(2) 60 AMP, 240V, 2-POLE LIGHTING CONTACTORS,
(2) TEST SWITCHES (ONE FOR EACH CONTACTOR), PHOTOELECTRIC CONTROL,
(1) 15 AMP, 120V, SINGLE POLE CIRCUIT BREAKER FOR LIGHTING CONTROLS.



PROJECT NO:
62023B-209

DESIGN: JTB

DRAWN: JTB

CHECK: JTB

PLOT DATE: 07-15-13

PLOT TIME: 13:19:54

G.C. WALLACE COMPANIES

ENGINEERS | PLANNERS | SURVEYORS

1835 S. RAINBOW BOULEVARD, SUITE 200

LAS VEGAS, NEVADA 89102

1-702-844-3300

LAS VEGAS

Production: 62023B-209.dwg

Number: Franco-Rivas

THE HOWARD HUGHES COMPANY, LLC

VILLAGE 23B FOX HILL DRIVE PHASE 2

ANTELOPE RIDGE DRIVE TO FAR HILLS AVENUE

MASTER CONDUIT AND STREET LIGHTING

NOTES AND DETAILS

DRAWING

E2

11 OF 11 SHTS

ENGINEER - STATE OF NEVADA

JOHN T. BROWN

No. 15798

DATE: 7/16/13

DATE

CCW APP

DATE

AGEN APP

DATE

REV

DESCRIPTION

2881

H #50001
CLV # 10715924-2