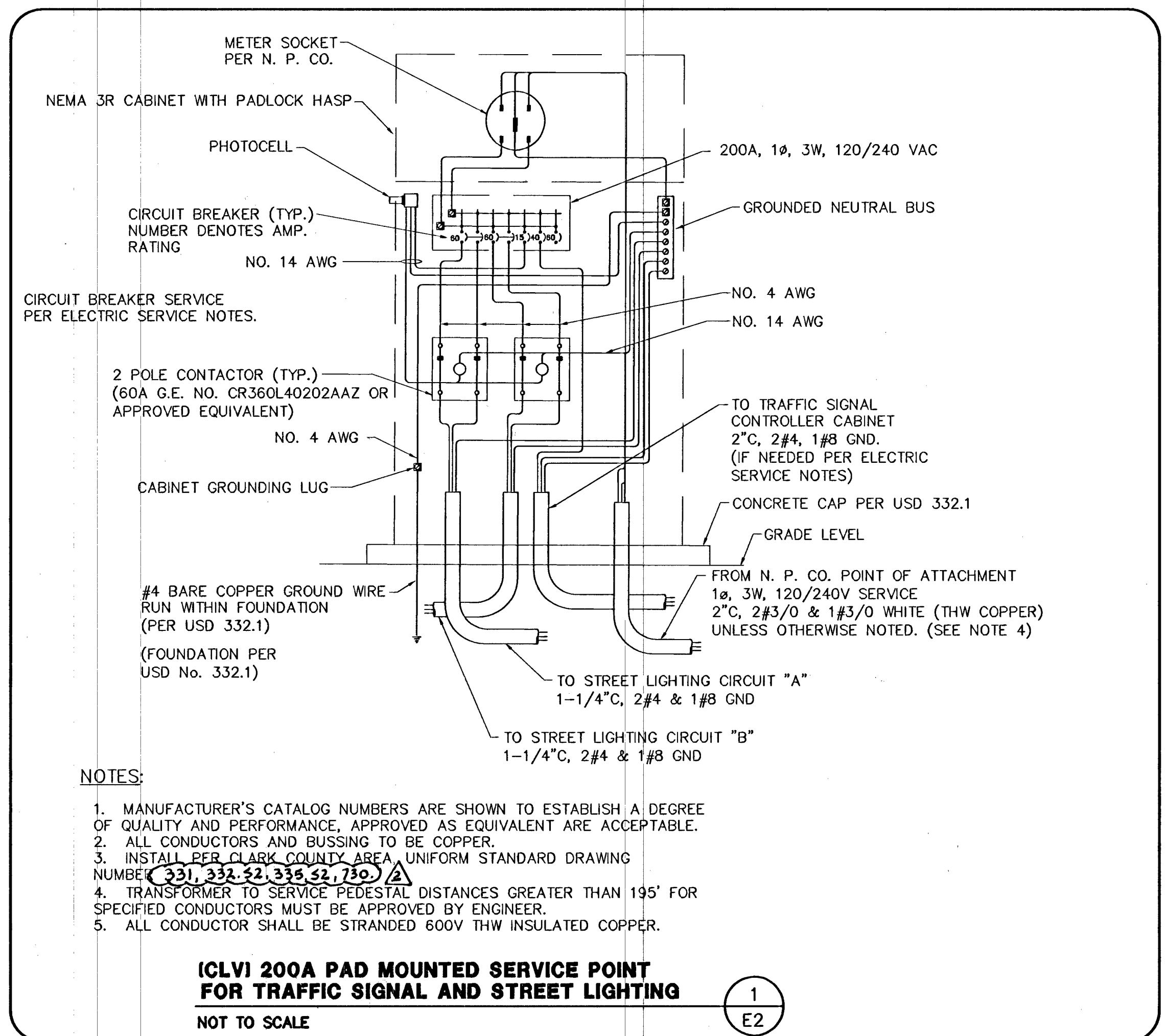


**FHD2: SERVICE PEDESTAL CIRCUIT CAPACITY VERIFICATION**

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	PROPOSED		
PROPOSED LOAD TO CIRCUIT:	QTY.	AMPS	QTY.	AMPS
150 WATT SINGLE LUMINAIRES AT 240V = 0.75 AMPS	0	0.00	0	0.00
150 WATT TWIN LUMINAIRES AT 240V = 1.50 AMPS	5	7.50	0	0.00
250 WATT SINGLE LUMINAIRES AT 240V = 1.25 AMPS	0	0.00	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		



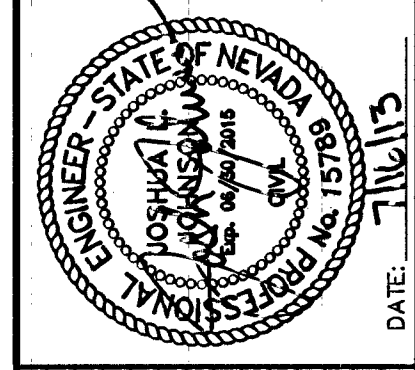
**ELECTRICAL NOTES**

- 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.
- ALL CONDUIT WHICH WOULD OTHERWISE BE EMPTY SHALL INCLUDE A NYLON PULLSTRING AND #8 FOR LOCATING PURPOSES.
- ALL CONDUCTORS SHALL BE STRANDED, 600-VOLT, TYPE THW INSULATED COPPER.
- 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,



DATE	DESCRIPTION
7/16/13	AS PER REVISED STREET LIGHTING CONDUIT

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  
 1555 S. RAINBOW BOULEVARD | LAS VEGAS, NV 89146  
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 LAS VEGAS | MESQUITE

**THE HOWARD HUGHES COMPANY, LLC**  
 VILLAGE 238 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

