

**ELECTRICAL PLAN - POWER**

**LEGEND**

- ⊕ GFI - GFI RECEPTACLE 20A 120V AT 36" AFF.
- ⊕ - FLUSH MOUNTED LIGHT SWITCH WITH STAINLESS STEEL DEVICE PLATE, 120V 20A, MOUNT CENTER @48" AFF.
- ⊕ - CEILING EXHAUST FAN
- ⊕ - ELECTRIC HAND DRYER, WORLD DRYER, MODEL DA52-47B OR EQUAL
- ⊕ - POWER PANEL

**ELECTRICAL PLAN - LIGHTING**

PANEL: LP-1  
LOCATION: FEEDER SOURCE: CLECO  
SURFACE MOUNTED  
EQUIPMENT GND BAR, 22,000 AIC

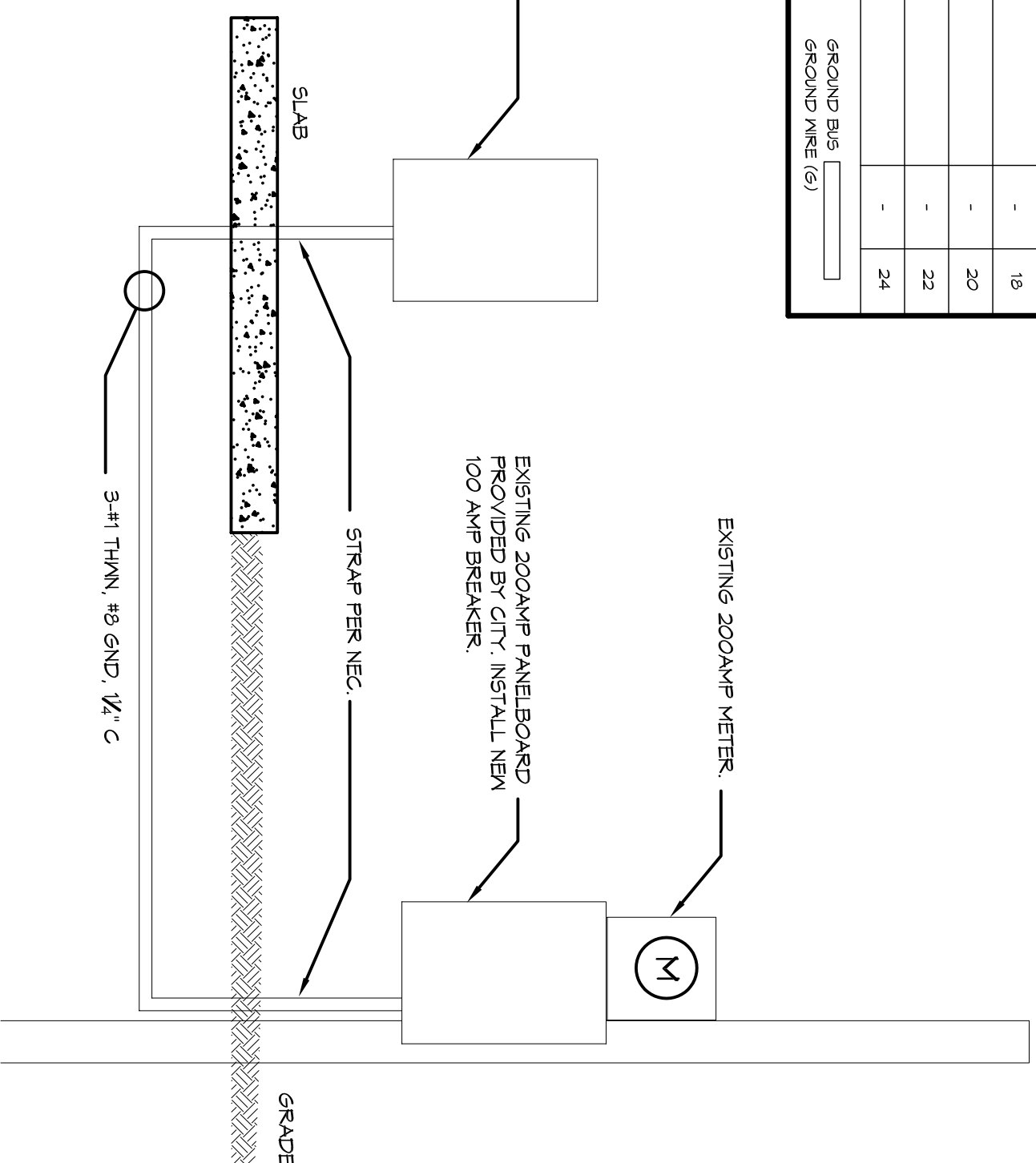
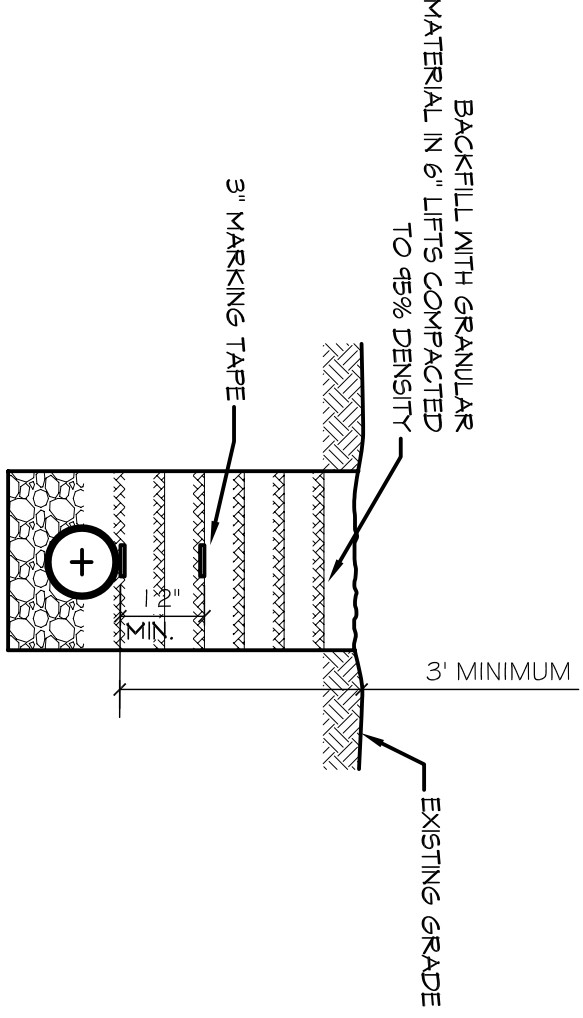
CCT	THIN SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	BREAKER AMP	POLE	LOAD DESCRIPTION	THIN SIZE	CCT
1	#12	VENDING MACHINE	15	1	1440	20	1	EXTERIOR POWER AND STORAGE LIGHTING	#12	2
3	#12	VENDING MACHINE	15	1	1440	20	1	STORAGE CLOSETS	#12	4
5	#12	VENDING MACHINE	15	1	1440	20	1	MONITOR ROOM FLOURESCENT LIGHTING	#12	6
4	#12	VENDING MACHINE	15	1	1440	20	1	MONITOR ROOM FLOURESCENT LIGHTING AND EXHAUST FAN	#12	8
11	#10	BID MENS	20	1	1728	30	1	MENS ROOM FLOURESCENT LIGHTING	#12	10
11	#10	BID WENS	20	1	1728	30	1	SPACE	#12	12
15	-	SPACE	-	-	-	20	1	SPACE	#12	14
15	-	SPACE	-	-	-	20	1	SPACE	#12	16
11	-	SPACE	-	-	-	20	1	SPACE	#12	18
14	-	SPACE	-	-	-	20	1	SPACE	#12	20
21	-	SPACE	-	-	-	20	1	SPACE	#12	22
23	-	SPACE	-	-	-	20	1	SPACE	#12	24
					TOTAL CONNECTED LOAD (VA): 11,790					
					AD-5 955					
					BD-5 795					
					GROUND BUS (G)					
					NEUTRAL WIRE (N)					

**LIGHT FIXTURE SCHEDULE**

MARK	DESCRIPTION
F1	SURFACE MOUNTED 1x4 FLOURESCENT LIGHT FIXTURE (2 BULB) TAMPER RESISTANT AND SUITABLE FOR DAMP LOCATIONS; PWSX 3 S2 12LD W/O.L. GEB106 OR EQUAL
F2	SURFACE MOUNTED 1x4 FLOURESCENT LIGHT FIXTURE (2 BULB) TAMPER RESISTANT AND SUITABLE FOR DAMP LOCATIONS W/ 40 WATT BACKUP POWER; PWSX 3 S2 12LD W/O.L. GEB106 OR EQUAL
F2	PANEL SOURCE WITH VANDAL GUARD, RATED TO 200A 5RT W/O.L.T. GFI'S OR EQUAL. COLOR TO BE SELECTED BY ARCHITECT. MOUNT 12" BELOW SOFFIT. SEE EXTERIOR ELEVATIONS, ON SHEET A-1, FOR MOUNTING LOCATIONS.

PANEL: 120/240V, 125A 1Ø, 3W, W/100A MAIN BRKR  
SURFACE MOUNTED  
EQUIPMENT GND BAR, 22,000 AIC

CCT	THIN SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	BREAKER AMP	POLE	LOAD DESCRIPTION	THIN SIZE	CCT
1	#12	VENDING MACHINE	15	1	1440	20	1	EXTERIOR POWER AND STORAGE LIGHTING	#12	2
3	#12	VENDING MACHINE	15	1	1440	20	1	STORAGE CLOSETS	#12	4
5	#12	VENDING MACHINE	15	1	1440	20	1	MONITOR ROOM FLOURESCENT LIGHTING	#12	6
4	#12	VENDING MACHINE	15	1	1440	20	1	MONITOR ROOM FLOURESCENT LIGHTING AND EXHAUST FAN	#12	8
11	#10	BID MENS	20	1	1728	30	1	MENS ROOM FLOURESCENT LIGHTING	#12	10
11	#10	BID WENS	20	1	1728	30	1	SPACE	#12	12
15	-	SPACE	-	-	-	20	1	SPACE	#12	14
15	-	SPACE	-	-	-	20	1	SPACE	#12	16
11	-	SPACE	-	-	-	20	1	SPACE	#12	18
14	-	SPACE	-	-	-	20	1	SPACE	#12	20
21	-	SPACE	-	-	-	20	1	SPACE	#12	22
23	-	SPACE	-	-	-	20	1	SPACE	#12	24
					TOTAL CONNECTED LOAD (VA): 11,790					
					AD-5 955					
					BD-5 795					
					GROUND BUS (G)					
					NEUTRAL WIRE (N)					



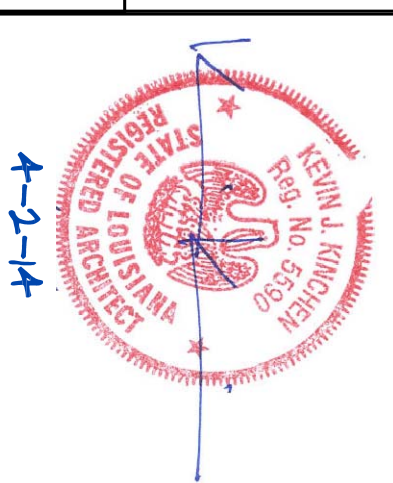
**ELECTRICAL NOTES**

- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES FOR MATERIALS AND EQUIPMENT.
- ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BE LISTED.
- THE DRAWINGS SHALL NOT BE USED FOR THE EXACT LOCATION OF WORK, SCALE OF ALL LIGHTING FIXTURES, RECEPTABLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND VERIFY THE LOCATION OF ALL WORK AND THE COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT HIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN NEGOTIATIONS. IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GROUND TYPE BOX UNDER ONE COVER PLATE.
- ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLLINGS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR CLEARANCES ARE VIOLATED, CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING THE SAME AT HIS OWN EXPENSE.
- ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION.
- CONTRACTOR SHALL INSTALL ALL OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- INSTALL GROUND FAULT RECEPTABLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS.
- EXTERIOR RECEPTABLES SHALL ALSO BE WEATHERPROOF.
- TO 200/480 NFRP 500-23, 250-114 250-12, 250-114 250-12
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70E 10.2.50-23B.
- FIBERS SHALL BE ITT CLASS K5, 250 VOLT, 200 000 AMP INTERRUPTING CAP.
- EXTERIOR LIGHTING SHALL BE SHARED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE.
- ONE FOOT CANDLE AS REQUIRED AT THE ADJACENT PROPERTY LINE.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CALKED (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM E-814).

**DAMMON ENGINEERING, INC.**  
Architects & Engineers

Chief Architect: Kevin J. Kinchen, NCARB  
Chief Engineer: Brian Mistich, PE  
554 Old Spanish Trail  
Slidell, LA 70458  
www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.5832  
F: 985.641.5930

REVISIONS	DATE
# DESCRIPTION	



CITY OF SLIDELL  
TOWN OF WESTLAFAYETTE  
2602 2nd STREET  
SLIDELL, LOUISIANA, 70458  
JOB NO: 2170 DATE: 4/2/2014  
DRAWN BY: KJK, DPD CHECKED BY: CKD

SHEET TITLE:  
ELECTRICAL POWER AND LIGHTING PLANS  
DRAWING NUMBER:  
**E1**  
SHEET NO.: 1 OF 8