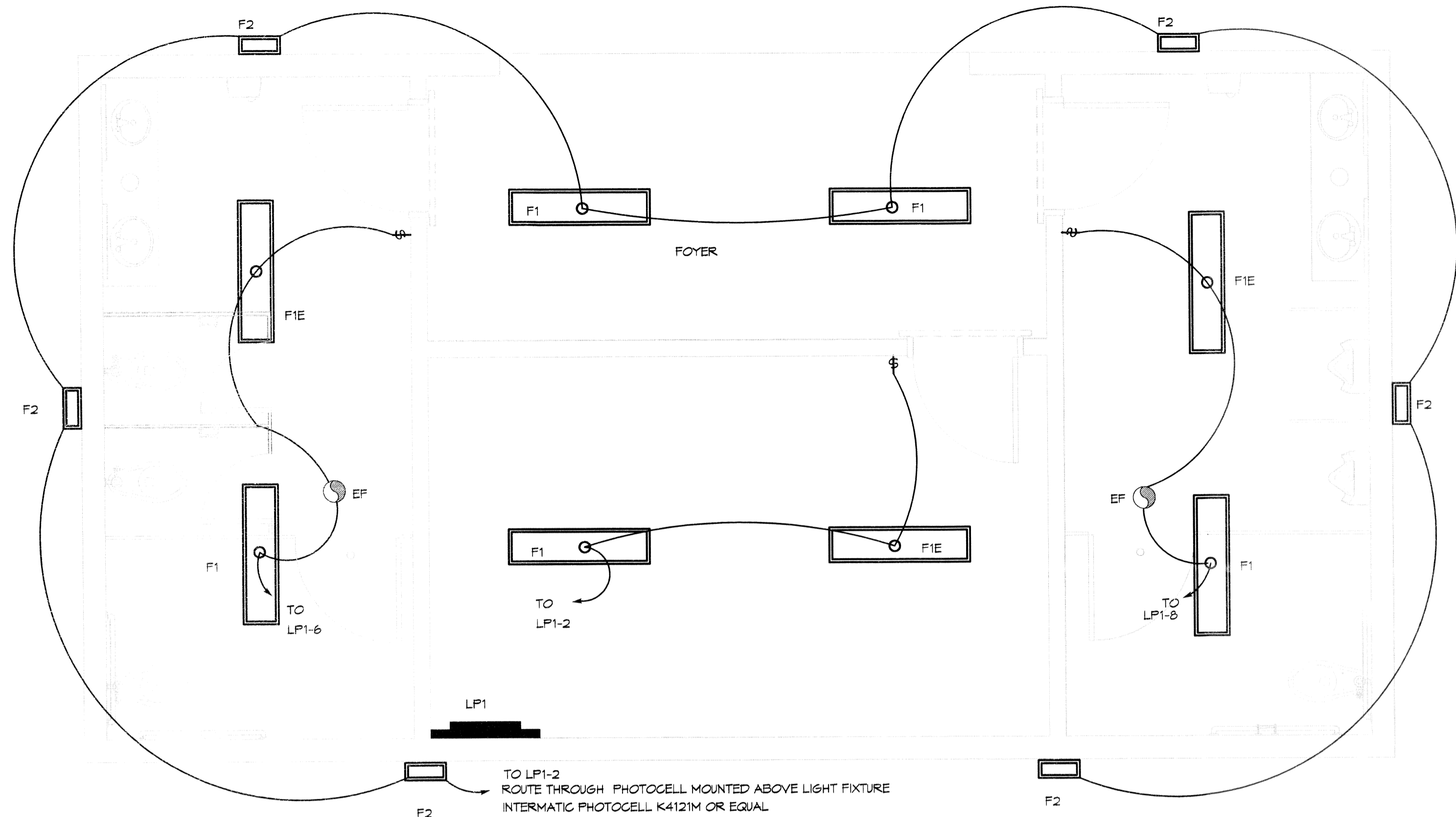


ELECTRICAL PLAN - POWER
SCALE: 3/8" = 1'-0"



ELECTRICAL PLAN - LIGHTING
SCALE: 3/8" = 1'-0"

LEGEND

- GFI RECEPTACLE 20A 120V AT 36" A.F.F.
- FLUSH MOUNTED LIGHT SWITCH WITH STAINLESS STEEL DEVICE PLATE, 120V 20A, MOUNT CENTER @48" A.F.F.
- CEILING EXHAUST FAN
- ELECTRIC HAND DRYER, WORLD DRYER, MODEL DA52-4TB OR EQUAL
- POWER PANEL

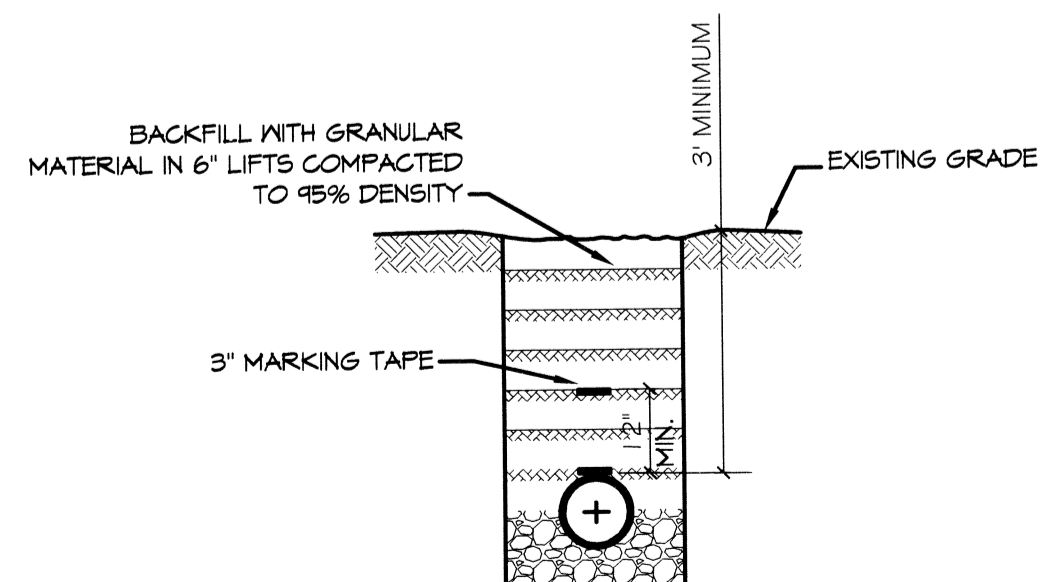
LIGHTING FIXTURE SCHEDULE

MARK	DESCRIPTION
F1	SURFACE MOUNTED 1x4' FLUORESCENT LIGHT FIXTURE (2 BULB), TAMPER RESISTANT AND SUITABLE FOR DAMP LOCATIONS; FMBX 3 32 12LD MVOLT GEB10S OR EQUAL
F1E	SURFACE MOUNTED 1x4' FLUORESCENT LIGHT FIXTURE (2 BULB), TAMPER RESISTANT AND SUITABLE FOR DAMP LOCATIONS IV 40 MIN. BACKUP POWER; FMBX 3 32 12LD MVOLT GEB10S OR EQUAL
F2	WALL SCONCE, WITH VANDAL GUARD, WER-LED 100MA 8V1 MVOLT SF V6, OR EQUAL, COLOR TO BE SELECTED BY ARCHITECT; MOUNT 12" BELOW SOFFIT. SEE EXTERIOR ELEVATIONS, ON SHEET A-1, FOR MOUNTING LOCATIONS.
EHD	ELECTRIC HAND DRYER, WORLD DRYER, MODEL DA52-4TB OR EQUAL.

PANEL: LP-1		PANEL: 120/240V 125A 1Ø, 3W, IV/100A MAIN BRKR									
LOCATION:		SURFACE MOUNTED									
FEEDER SOURCE: CLEGO		IV/EQUIPMENT GND BAR; 22,000 AIG									
CCT. NO.	THIN WIRE SIZE	LOAD DESCRIPTION	LOAD (VA)	AMP	POLE	LOAD DESCRIPTION	LOAD (VA)	AMP	POLE	THIN WIRE SIZE	CCT. NO.
1	#12	VENDING MACHINE	1440	15	1	EXTERIOR, FOYER AND STORAGE LIGHTING	840	1	20	#12	2
3	#12	VENDING MACHINE	1440	15	1	STORAGE OUTLETS	640	1	20	#12	4
5	#12	VENDING MACHINE	1440	15	1	WOMEN'S ROOM FLORESCENT LIGHTING AND EXHAUST FAN	550	1	20	#12	6
7	#12	VENDING MACHINE	1440	15	1	MEN'S ROOM FLORESCENT LIGHTING AND EXHAUST FAN	550	1	20	#12	8
4	#10	EHD, WOMENS	1125	20	1	SPARE	-	1	20	-	10
11	#10	EHD, MENS	1125	20	1	SPARE	-	1	20	-	12
13	-	SPACE	-	-	-	SPACE	-	-	-	-	14
15	-	SPACE	-	-	-	SPACE	-	-	-	-	16
17	-	SPACE	-	-	-	SPACE	-	-	-	-	18
19	-	SPACE	-	-	-	SPACE	-	-	-	-	20
21	-	SPACE	-	-	-	SPACE	-	-	-	-	22
23	-	SPACE	-	-	-	SPACE	-	-	-	-	24
		TOTAL CONNECTED LOAD (VA): 11,740				GROUND BUS					
		AD=5.95				BQ=5.75					
		SOLID NEUTRAL				GROUND WIRE (G)					
		NEUTRAL WIRE (N)									

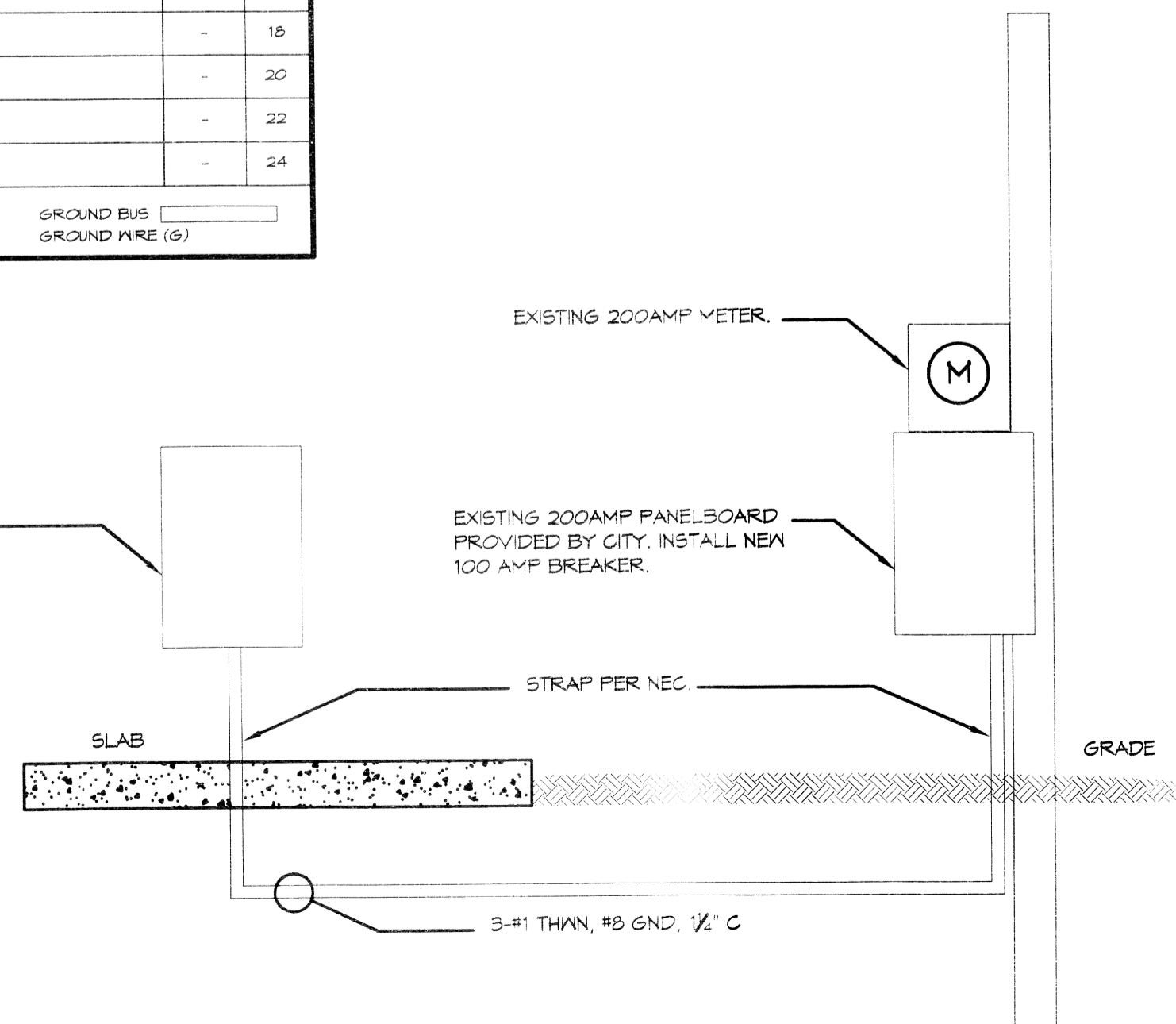
ELECTRICAL NOTES

- 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 OR APPROVAL WHERE REQUIRED.
- ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG 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 COLUMNS, HUNG CEILING, 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 DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING.
- ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" EMT FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE TYPE MC CABLE COPPER, FOR LIGHTS AND RECEPTACLE CIRCUITS. EXTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS. STAMPED BOXES MAY BE USED ABOVE CEILING IN AIR CONDITIONED SPACES.
- CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WEATHERPROOF.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:230-63, NFPA 250-23, 250-11 4 250-12.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
- FUSES SHALL BE ITT CLASS KB, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
- EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (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-E814.)



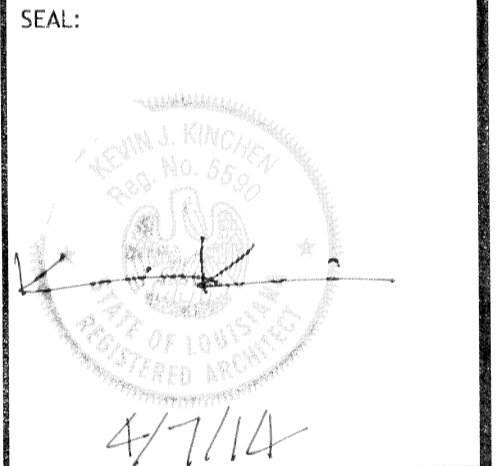
UTILITY NOTES:
1. SCH. 40 PVC CONDUIT WHERE PIPE IS EXPOSED ABOVE GRADE. TRANSITION TO SCH. 40 PVC BELOW GRADE. ALL ELBOWS TO BE LONG SWEEP TYPE.

NEA 120/240V 1Ø 125A PANEL BOARD IV M BRKR, SQ D OR EQUAL



DAMMON ENGINEERING, INC.
Architects & Engineers
www.dammonengineering.com
info@dammon.com
Chief Architect: Kevin J. Kitchener, NCARB
Civil Engineer: Brian Westch, PE
10000 Old Orchard Road
Slidell, LA 70588
PH: 985.649.9832
F: 985.641.9950

DATE	REVISIONS	DESCRIPTION
	#	



CITY OF SLIDELL
3RD STREET PARK VETERANS PARK IMPROVEMENTS
SLIDELL, LOUISIANA
JOB NO: 21701 DATE: 4/2/2014
DRAWN BY: KJK, DFP CHECKED BY: CKD

APPROVED 11 APR 2014
REVIEWED BY STATE FIRE MARSHAL AS PER REQUIREMENTS BY JAMES J. JONES
448748

SHEET TITLE:
ELECTRICAL POWER AND LIGHTING PLANS
DRAWING NUMBER:
M1
SHEET No: 7 of 8