

FIXTURE SCHEDULE

- F1 LITHONIA, IBZ-654L-WD, 6-LAMP T5 FLUORESCENT, HIGHBAY FIXTURE; TWO INSIDE LAMPS SHALL BE ON ONE SWITCH AND FOUR OUTSIDE LAMPS SHALL BE CONTROLLED BY A SECOND SWITCH.
- F2 LITHONIA, XWLED4, 4' LED DAMP-LOCATION STRIP FIXTURE.
- F3 EXISTING 250W HID HIGH-BAY FIXTURE.
- F4 EXISTING FLOOD LIGHT FIXTURE.

SYMBOL SCHEDULE

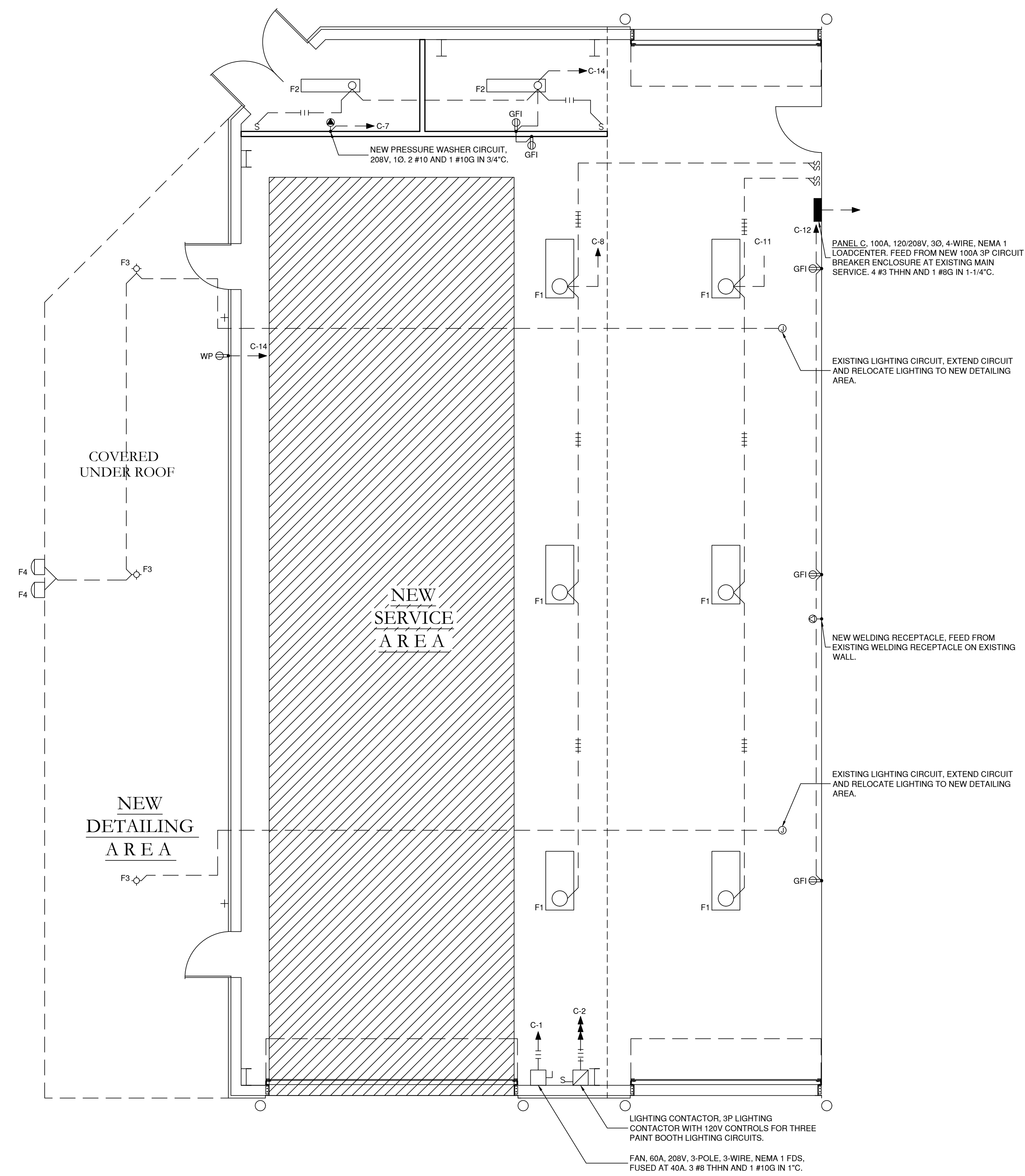
- FLUORESCENT FIXTURE, SURFACE.
- H.I.D. WALL PACK OR FLOOD FIXTURE.
- H.I.D. HIGH-BAY FIXTURE.
- 20A, 1P WALL SWITCH. SUBSCRIPT DENOTES OUTLET CONTROLLED.
- 20A, 3-WIRE, 125V, GROUNDING TYPE DUPLEX RECEPTACLE, NEMA 5-20R.
- SAME AS EXCEPT MOUNTED ABOVE COUNTER AT HEIGHT AS DIRECTED.
- SAME AS EXCEPT WITH GROUND FAULT INTERRUPTER.
- SAME AS EXCEPT WEATHERPROOF.
- JUNCTION BOX 4-11/16" SQUARE OR LESS.
- 30A, 2-POLE, 3-WIRE, 208V, GROUNDING TYPE RECEPTACLE.
- 50A, 3-POLE, 4-WIRE, 208V, WELDING RECEPTACLE.
- DISCONNECT SWITCH.
- PANELBOARD OR LOADCENTER.
- WIRING IN RACEWAY RUN EXPOSED (CROSSBARS DENOTE NUMBER OF CONDUCTORS WHEN MORE THAN TWO). REQUIRED GREEN EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN AS A CROSSBAR. ARROWS INDICATE NUMBER OF CIRCUITS.

SPECIFICATIONS

1. ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, STATE AND CITY REGULATIONS AND ORDINANCES.
2. MATERIALS SHALL BE NEW AND U.L. APPROVED, EXCEPT AS INDICATED.
3. CONTRACTOR SHALL APPLY FOR PERMITS AND PAY INSPECTION FEES. NO WORK SHALL BE CONCEALED UNTIL APPROVED BY LOCAL INSPECTOR. UPON COMPLETION, FURNISH CERTIFICATE OF APPROVAL FROM DIVISION OF REGULATORY INSPECTION AS APPLICABLE.
4. CONDUCTORS SHALL BE COPPER WITH TYPE THHN/THWN INSULATION, AND SHALL BE #12 AWG OR LARGER.
5. WIRING INSTALLED OUTDOORS SHALL BE CONTAINED IN PVC CONDUIT OR ELECTRIC METALLIC TUBING CONDUIT WITH COMPRESSION FITTINGS, UNLESS INDICATED OTHERWISE.
6. WIRING INSTALLED EXPOSED IN DRY LOCATIONS SHALL BE CONTAINED IN ELECTRIC METALLIC TUBING WITH SET SCREW FITTINGS, UNLESS INDICATED OTHERWISE.
7. RACEWAYS SHALL BE CONCEALED UNLESS INDICATED OTHERWISE.
8. OUTLET BOXES SHALL BE GALVANIZED STEEL 4" SQUARE X 1 1/2" DEEP, OR LARGER BOX WITH RAISED DEVICE COVER. CEILING BOXES SHALL BE 4" OCTAGONAL X 1 1/2" DEEP OR LARGER. BOXES IN WALLS SHALL NOT BE INSTALLED BACK-TO-BACK.
9. OUTLET BOXES FOR EXPOSED WORK AT DRY LOCATIONS IN MECHANICAL AND ELECTRICAL ROOMS (WHERE EXPOSED RACEWAYS ARE INSTALLED) SHALL BE 4" SQUARE X 1 1/2" DEEP OR LARGER WITH APPLETON 1/2" DEEP RAISED SURFACE METAL COVERS TO ACCOMMODATE THE DEVICES INDICATED. OUTLET BOXES FOR EXPOSED WORK EXPOSED TO WEATHER OR IN DAMP LOCATIONS SHALL BE OF CAST OR MALLEABLE IRON, SIMILAR TO CROUSE-HINDS TYPE FS OR FD CONDUITS. BOXES SHALL HAVE METAL COVERS TO ACCOMMODATE THE DEVICES INDICATED.
10. EACH BRANCH CIRCUIT AND FEEDER SHALL BE PROVIDED WITH A GROUND CONDUCTOR INSTALLED WITH THE CIRCUIT CONDUCTORS. EACH GROUND CONDUCTOR SHALL BE A GREEN INSULATED COPPER CONDUCTOR, SIZED IN ACCORDANCE WITH TABLE 250.122 OF THE NATIONAL ELECTRICAL CODE NFPA 70. THESE GROUNDING CONDUCTORS ARE NOT SHOWN ON THE DRAWINGS.
11. AFTER COMPLETION OF BRANCH CIRCUIT WORK, NEW CORRECTED TYPEWRITTEN DIRECTORIES SHALL BE PROVIDED IN PANELBOARDS AND LOADCENTERS SERVING THE AREA.
12. ELECTRICAL CONTRACTOR SHALL INSTALL POWER WIRING REQUIRED FOR MECHANICAL SYSTEMS. CONTROL WIRING SHALL BE BY MECHANICAL CONTRACTOR.
13. CONNECTION TO MOTORS SHALL BE MADE WITH A SHORT PIECE OF FLEXIBLE METAL CONDUIT BETWEEN RIGID CONDUIT SYSTEM AND MOTOR TERMINAL BOX.
14. PROVIDE BONDING AROUND CONCENTRIC AND ECCENTRIC KNOCKOUTS ON EQUIPMENT.
15. PROVIDE ADDITIONAL BOXES IN RACEWAYS AS NECESSARY. LOCATIONS SHALL MEET NFPA 70.

DIRECTORY	CRT. NO.	BRK. AMPS	L1	L2	L3	CRT. NO.	DIRECTORY
EXHAUST FAN	1	40				2	PAINT BOOTH LIGHTS
	3					4	
PRESSURE WASHER	7	30				8	WAREHOUSE LIGHTING
	9					10	
WAREHOUSE LIGHTING	11	20				12	WAREHOUSE RECEPTACLES
	13					14	STORAGE LIGHTING & REC.
SPACE	15					16	SPACE
SPACE	17					18	SPACE
SPACE	19					20	SPACE

VOLTAGE: 120/208V 3 PHASE 4 WIRE SN 10KAIC
 MAIN BREAKER: 100A, MLO
 MOUNTING: SURFACE
 NOTE:



ELECTRICAL POWER AND LIGHTING PLAN

SCALE : 1/4" = 1'

NOTES

1. THIS DOCUMENT HAS BEEN PREPARED BY ME AND/OR UNDER MY SUPERVISION AND IT COMPLIES, TO THE BEST OF MY KNOWLEDGE AND BELIEF, WITH LOCAL AND STATE CODE REQUIREMENTS.
2. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED AS PER NATIONAL ELECTRICAL CODE NFPA 70 AND BE U.L. LISTED.
3. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH DENTAL DRAWINGS FOR EQUIPMENT LOCATIONS AND SPECIFICATIONS.

General Notes



No.	Revision/Issue	Date

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 Slidell, LA 70458

HOTARD BUS GROUP
 BUILDING ADDITION
 56396 FRANK PICHON RD.
 SLIDELL, LA 70458

NOLA Project	Sheet
Date 04/25/2016	E-1
Plot Scale 1 : 1	