

FIGURE SCHEDULE

- F1 LITHONIA, IZ-654L-WO, 6 LAMP 75 FLUORESCENT, HIGH BAY FIXTURE, TWO INSIDE LAMPS SHALL BE ON ONE SWITCH AND FOUR OUTSIDE LAMPS SHALL BE CONTROLLED BY A SECOND SWITCH.
- F2 LITHONIA, XWLEDA, 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.
- S, 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 1/16" 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.

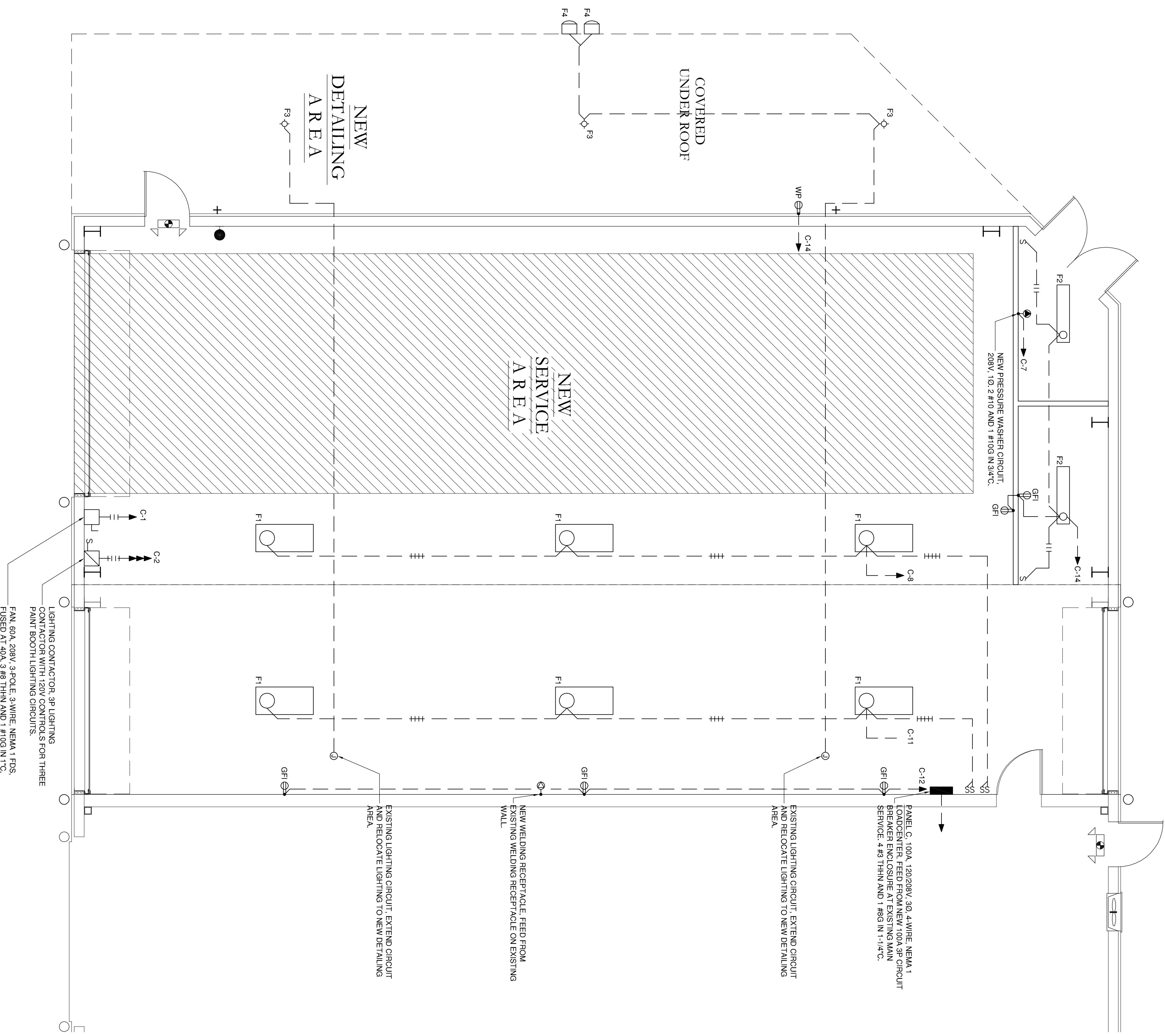
WIRING IN RACEWAY RUN EXPOSED (CROSSBARS DENOTE NUMBER OF CONDUCTORS WHEN MORE THAN TWO), REQUIRED GREEN EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN AS A CROSSBAR, ARROWS INDICATE NUMBER OF CIRCUITS.

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 PERFORMED UNTIL ALL PERMITS AND INSPECTION FEES ARE OBTAINED AND APPROVED BY THE CITY INSPECTION DIVISION AS APPLICABLE.
4. CONDUCTORS SHALL BE COPPER WITH TYPE THHN/TW/N 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 SHALL BE 4" SQUARE X 1 1/2" DEEP, OR LARGER BOXES WITH RAISED DEVICE COVER. OUTLET BOXES FOR EXPOSED WORK EXPOSED TO WEATHER OR IN DAMP LOCATIONS SHALL BE OF CAST OR MALLEABLE IRON, SIMILAR TO ROUSE-HINDS TYPE FS OR FC CONDUITS. BOXES SHALL HAVE METAL COVERS TO ACCOMMODATE THE DEVICES INDICATED.
10. EACH BRANCH CIRCUIT AND FEEDER SHALL BE PROVIDED WITH A GROUNDING CONDUCTOR, INSTALLED WITH THE CIRCUIT CONDUCTORS. EACH GROUNDING 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 CONNECTED, PREWRITTEN DIRECTORIES SHALL BE PROVIDED IN PANELBOARDS AND LOADCENTERS SERVING THE AREA.
12. ELECTRICAL CONTRACTOR SHALL INSTALL POWER WIRING REQUIRED FOR MECHANICAL SYSTEMS.
13. CONTROL WIRING SHALL BE BY MECHANICAL CONTRACTOR.
14. CONNECTION TO MOTORS SHALL BE MADE WITH SHORT PIECE OF FLEXIBLE METAL CONDUIT BETWEEN RIGID CONDUIT SYSTEM AND MOTOR TERMINAL BOX.
15. PROVIDE BONDING AROUND CONCENTRIC AND ECCENTRIC KNOCKOUTS ON EQUIPMENT.

DIRECTORY		DIRECTORY	
OKT. NO.	BKR. AMPS	OKT. NO.	BKR. AMPS
1	40	20	2
3		20	4
5		20	6
7	30	20	8
9		10	
11	20	20	12
13		20	14
15		16	
17		18	
19		20	

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



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 COMPLETES 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 MECHANICAL DRAWINGS FOR EQUIPMENT LOCATIONS AND SPECIFICATIONS.

<p>SHEET TITLE: ELECTRICAL</p> <p>DRAWING NUMBER: E101</p> <p>6 of 6</p>	<p>BUILDING ADDITION FOR</p> <p>GROUND</p> <p>56396 FRANK PICHON RD. SLIDELL, LA 70458</p> <p>JOB No: 2277 DATE: 04/27/2016</p> <p>DRAWN BY: RJK CHECKED BY: JMS</p> <p><small>The above drawings and specifications, designs and/or engineering information are the property of Dammon Engineering, Inc. and shall remain the property of Dammon Engineering, Inc. and no part thereof shall be copied, reproduced, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Dammon Engineering, Inc. For more information, please contact Dammon Engineering, Inc. at 985.649.5832. © 2016 Dammon Engineering, Inc. All rights reserved.</small></p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>#</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	#	DESCRIPTION	DATE										<p style="text-align: center;">DAMMON</p> <p style="text-align: center;">ENGINEERING, INC.</p> <p style="text-align: center;">LOUISIANA & MISSISSIPPI</p> <p>Chief Engineer: Brian Mstich, PE 554 Old Spanish Trail Slidell, LA 70458</p> <p style="text-align: right;">www.dammonengineering.com info@dammonengineering.com PH: 985.649.5832 F: 985.641.9950</p>
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