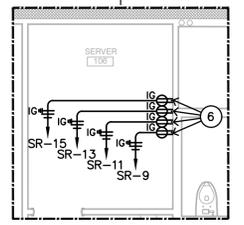


1 ELECTRICAL POWER PLAN
SCALE: 3/16" = 1'-0"



- NOTES:**
- ELECTRICAL WORK SHALL BE CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS. ALL APPLICABLE CODES, ISSUED DRAWINGS AND SPECIFICATIONS.
 - IDENTIFICATIONS: PROVIDE PRE-PRINTED MACHINE MADE LABELS AND ATTACH TO EACH WALL PLATE. IDENTIFY PANEL AND CIRCUIT OF CONTROLLED FIXTURES. IDENTIFY CONTAINED CIRCUITS IN EACH JUNCTION AND PULL BOX CLEARLY ON COVER.
 - CONDUIT AND RACEWAY SHOWN ARE DIAGRAMMATIC IN NATURE. EXACT ROUTING AND REQUIREMENTS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
 - FLOOR, WALL AND ROOF PENETRATIONS MUST BE SEALED WITH A STOPPING SYSTEM, APPROPRIATE TO THE PENETRATED FLOOR OR WALL TYPE, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION AND COMPLETE ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT WITH OWNER, SUPPLIER, MANUFACTURER AND/OR OTHER TRADES PRIOR TO COMMENCEMENT OF WORK.
 - ALL WEATHERPROOF (WP) RECEPTACLE SHALL BE PROVIDED WITH U.L. LISTED CORROSION PROTECTION, UV RESISTANT AND COLD IMPACT RESISTANT WHILE-IN-USE COVER.
 - ROUTE CONDUIT FEEDS FOR ROOF MOUNTED EQUIPMENT POWER AND CONTROL CIRCUITS VERTICALLY THROUGH ROOF BELOW CIRCUIT TERMINATION POINT. PROVIDE PITCH PANS COMPATIBLE WITH ROOFING MATERIAL AND APPROVED BY ROOFING MANUFACTURER. DO NOT ROUTE CONDUITS HORIZONTALLY ABOVE ROOF OR ALONG PARAPETS.

- # KEYED NOTES:**
- NEW ELECTRICAL PANEL 'HA'. SEE ONE-LINE DIAGRAM ON SHEET E5.0.
 - NEW ELECTRICAL PANEL 'LA'. SEE ONE-LINE DIAGRAM ON SHEET E5.0.
 - NEW 45KVA 480V-120/208V, 3PH, 4W TRANSFORMER 'TA'. MOUNTED ON 4" HOUSEKEEPING PAD. SEE ONE-LINE DIAGRAM ON SHEET E5.0.
 - PROVIDE 600V, 200A, 3P DISCONNECT SWITCH 'DSA' WITH (3) LPS-RK FUSES IN NEMA 1 ENCLOSURE. SEE ONE-LINE DIAGRAM ON SHEET E5.0.
 - NEW ELECTRICAL PANEL 'SR'. SEE ONE-LINE DIAGRAM ON SHEET E5.0.
 - DEDICATED "ORANGE" DUPLEX RECEPTACLE WITH ISOLATED GROUND MOUNTED AT +18" A.F.F FOR SERVER ROOM EQUIPMENT.
 - "ORANGE" DUPLEX RECEPTACLE WITH ISOLATED GROUND FOR SCREEN PROJECTOR POWER. VERIFY EXACT LOCATION AND MOUNTING HEIGHT IN FIELD.
 - 20A, 120V, 1PH, CONTROLLED DUPLEX RECEPTACLE. PROVIDE WITH WALL MOUNTED OCCUPANCY SENSOR AND ALL ITS ACCESSORIES (RELAY, DECAL MARKING, ETC.) IN COMPLIANCE WITH C.E.C. 2016 SECTION 130.5(d).
 - "ORANGE" QUADRUPLX RECEPTACLE WITH ISOLATED GROUND FOR COMPUTER POWER. VERIFY EXACT LOCATION AND MOUNTING HEIGHT PRIOR TO ROUGH-IN.
 - TELEPHONE OUTLET WITH 3/4" EMPTY CONDUIT AND PULL STRING TO TELEPHONE MOUNTING BOARD LOCATED IN TELE/ELEC ROOM. VERIFY EXACT LOCATION AND MOUNTING HEIGHT PRIOR TO ROUGH-IN.
 - DATA OUTLET FOR COMPUTER DATA CONNECTION WITH 3/4" EMPTY CONDUIT AND PULL STRING HOMERUN TO WHERE AND AS DIRECTED BY OWNER'S I.T. PERSONNEL. VERIFY EXACT LOCATION AND MOUNTING HEIGHT PRIOR TO ROUGH-IN.
 - PROVIDE J-BOX AND COMPLETE CONNECTION TO WATER HEATER. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH PLUMBING TRADE PRIOR TO ROUGH-IN.
 - GFCI DUPLEX RECEPTACLE FOR ELECTRIC DRINKING FOUNTAIN. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
 - DUPLEX RECEPTACLE FOR T.V. POWER. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN.
 - T.V. OUTLET WITH 3/4" EMPTY CONDUIT AND PULL STRING HOMERUN TO WHERE AND AS DIRECTED BY OWNER'S A/V CONTRACTOR. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN.
 - PROVIDE WEATHERPROOF J-BOX AND COMPLETE CONNECTION TO ELECTRONIC WATER CONTROL SYSTEM WITH TIMER AND PUMP. VERIFY EXACT LOCATION WITH LANDSCAPE CONTRACTOR PRIOR TO ROUGH-IN.
 - PROVIDE J-BOX AND COMPLETE CONNECTION TO IRRIGATION CONTROLLER. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN.
 - "ORANGE" DUPLEX RECEPTACLE WITH ISOLATED GROUND MOUNTED AT 18" A.F.F..
 - ABOVE COUNTER GFCI DUPLEX RECEPTACLE FOR BREAK ROOM APPLIANCE. VERIFY EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
 - MAINTAIN C.E.C. REQUIRED WORKING CLEARANCE.
 - FLOOR BOX WITH ONE (1) "ORANGE" QUADRUPLX RECEPTACLE OUTLET WITH ISOLATED GROUND AND ONE (1) 4-PORT DATA OUTLET FOR BOARD OF DIRECTORS TABLE. VERIFY EXACT LOCATION WITH ARCHITECT AND/OR OWNER PRIOR TO ROUGH-IN.
 - "ORANGE" DUPLEX RECEPTACLE WITH ISOLATED GROUND MOUNTED IN SOFFIT FOR OVERHEAD PROJECTOR POWER. VERIFY EXACT PLACEMENT WITH OWNER PRIOR TO ROUGH-IN.
 - DATA OUTLET MOUNTED IN SOFFIT WITH 3/4" EMPTY CONDUIT AND PULL STRING HOMERUN TO WHERE AND AS DIRECTED BY OWNER. VERIFY EXACT PLACEMENT WITH OWNER PRIOR TO ROUGH-IN.
 - DATA OUTLET WITH 3/4" EMPTY CONDUIT AND PULL STRING HOMERUN TO WHERE AND AS DIRECTED BY OWNER. VERIFY EXACT LOCATION AND MOUNTING HEIGHT WITH OWNER PRIOR TO ROUGH-IN.

OUTLET LABELING NOTE:

LABEL EACH RECEPTACLE, OUTLET BOX, SWITCH WITH APPLICABLE PANELBOARD DESIGNATION AND CIRCUIT NUMBER. USE ENGRAVE MICARTA, OR LAMICOID LABELS, AND KROY OR DYMOTYPE ADHESIVE LABELS FOR THIS PURPOSE. THIS REQUIREMENTS INCLUDES ALL BOXES ABOVE LAY-IN CEILING AND ABOVE ROOF. WHERE MULTIPLE CIRCUITS ARE CONTAINED IN A BOX, INCLUDE ALL CIRCUIT REFERENCE ON COVER LABEL.



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ISSUED	REV	DATE
DART Submittal		15 May 2015
Site Development Plan 1		23 June 2015
30% Schematic Design		30 Oct. 2015
Pre-App & Architectural Board of Review Submittal		23 Apr. 2016
Architectural Board of Review Submittal		25 Jan. 2017
Architectural Board of Review		10 OCT 2022
Building Permit Review		28 AUG 2023

