

POWER PLAN - MEZZANINE

SCALE: 1/8" = 1'-0"



SPECIFIC NOTES (E4.0):

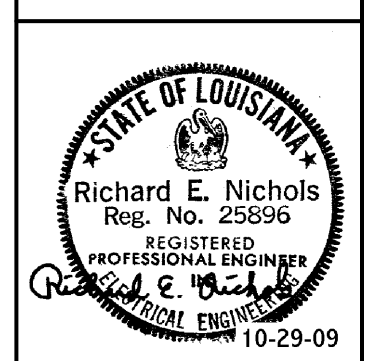
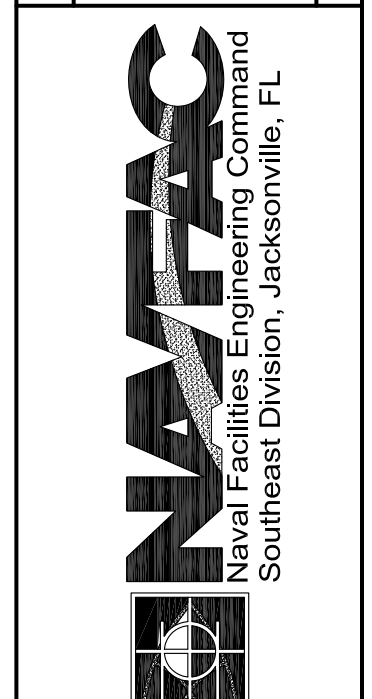
- 1 USE #10 CONDUCTORS THE ENTIRE CIRCUIT RUN.
- 2 ROUTE A SEPARATE NEUTRAL FOR EACH CIRCUIT OR HOMERUN SHOWN.
- 3 ROUTE 2#10, 1#10 GND IN 1" CONDUIT FROM 30 AMP, 2 POLE 240 VOLT DISCONNECT SWITCH ASSOCIATED WITH SAN DEL DRYING OVEN BACK TO 30 AMP, 2 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT BASED UPON THE NAMEPLATE OF THE EQUIPMENT SERVED AND MAKE CONNECTION TO UNIT.
- 4 ROUTE 2#10, 1#10 GND IN 1" CONDUIT FROM NEMA L5-30 RECEPTACLE FOR TEMPERATURE BATH BACK TO 30 AMP, 1 POLE CIRCUIT BREAKER IN DESIGNATED PANEL.
- 5 ROUTE 3#12, 1#12 GND, IN 3/4" CONDUIT FROM NEMA L15-20 RECEPTACLE FOR LINEAR RF POWER AMPLIFIER BACK TO 20 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL.
- 6 ROUTE 3#12, 1#12 GND IN 3/4" CONDUIT FROM 30 AMP, 3 POLE 240 VOLT DISCONNECT SWITCH ASSOCIATED WITH VIBRATION BENCH EQUIPMENT BACK TO 20 AMP, 3 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT BASED UPON THE NAMEPLATE OF THE EQUIPMENT SERVED AND MAKE CONNECTION TO UNIT.
- 7 ROUTE 2#10, 1#10 GND IN 1" CONDUIT FROM 30 AMP, 2 POLE 240 VOLT DISCONNECT SWITCH ASSOCIATED WITH AIR COMPRESSOR BACK TO 30 AMP, 2 POLE CIRCUIT BREAKER IN DESIGNATED PANEL. FUSE DISCONNECT BASED UPON THE NAMEPLATE OF THE EQUIPMENT SERVED AND MAKE CONNECTION TO UNIT.
- 8 PROVIDE DEDICATED 120 VOLT CIRCUIT FOR ROLL-UP DOOR. INSTALL RAISE/LOWER DOOR CONTROLS PER MANUFACTURER'S WIRING INSTRUCTION.
- 9 PROVIDE 120 VOLT POWER TO FACP AND F/A POWER SUPPLY PANEL.
- 10 PROVIDE 120 VOLT POWER TO VOICE EVAC. PANEL AND MONACO RADIO TRANSCEIVER.
- 11 PROVIDE DUAL SERVICE FLOOR BOX WIREMOLD CAT# 881 WITH A MULTIPLE SERVICE FLOOR COVER KIT WIREMOLD CAT# 897CTCBS OR EQUAL. THIS KIT SHOULD BE COMPLETE WITH PRE-WIRED DUPLEX RECEPTACLE, FLANGE, AND DIVIDER. ALSO PROVIDE WITH PASS AND SEYMOUR OPEN SYSTEM UNLOADED BEZELS TO ACCEPT DISCRETE KEYSTONE CONNECTORS FROM MOST MANUFACTURERS.
- 12 PROVIDE A RECEPTACLE FLUSH WITH THE CEILING FOR PROJECTOR.
- 13 MOUNT 4-PLEX RECEPTACLE IN NMCI CABINET.
- 14 MAKE ELECTRICAL CONNECTION TO EXISTING ELECTRICAL BOX WITH TWO DUPLEX 115 VOLT, 60 HZ RECEPTACLES, TWO 28V DC RECEPTACLE AND TWO 120/208 VOLT, THREE PHASE, FOUR WIRE 400 HZ RECEPTACLES.
- 15 PROVIDE #10 CONDUCTOR FOR LL1:2 AND #8 CONDUCTORS FOR LL1:4. USE #12 CONDUCTOR WHEN MAKING CONNECTIONS TO DEVICES.
- 16 USE #8 CONDUCTORS THE ENTIRE CIRCUIT RUN.
- 17 PROVIDE #8 CONDUCTORS FOR CIRCUIT LL1B:10.

SPECIFIC NOTES SHEET (E4.1):

- 1 PROVIDE ENCLOSED SHUNT TRIP C/B FOR 60 HZ SYSTEM SERVING ELECTRONIC REPAIR BENCHES. SEE RISER DIAGRAM SHEET E9 FOR SIZE.
- 2 INSTALL RELOCATED 60 HZ RF FILTER HOPKINS ENGINEERING COMPANY PART # F-12829.
- 3 PROVIDE AND INSTALL NEW 90 KVA, 400 HZ GENERATOR HOBART MODEL 90SX200. INPUT VOLTAGE IS 480 VOLTS, THREE PHASE, 60 HZ AND THE OUTPUT VOLTAGE IS 120/208 VOLTS, 400 HZ, THREE PHASE, FOUR WIRE.
- 4 PROVIDE ENCLOSED SHUNT TRIP C/B FOR 400 HZ SYSTEM SERVING ELECTRONIC REPAIR BENCHES. SEE RISER DIAGRAM SHEET E9 FOR SIZE.
- 5 INSTALL RELOCATED 400 HZ RF FILTER HOPKINS ENGINEERING COMPANY PART # F-12831.
- 6 PROVIDE AND INSTALL NEW 28 VOLT GENERATOR HOBART MODEL 6T28-400CL. INPUT VOLTAGE IS 480 VOLTS, THREE PHASE, 60 HZ AND THE OUTPUT VOLTAGE IS 28VOLTS DC.
- 7 PROVIDE ENCLOSED SHUNT TRIP C/B FOR DC SYSTEM SERVING ELECTRONIC REPAIR BENCHES. SEE RISER DIAGRAM SHEET E9 FOR SIZE.
- 8 INSTALL RELOCATED DC RF FILTER HOPKINS ENGINEERING COMPANY PART # F-1964-2W.

REV.	DESCRIPTION	DATE	APPROVAL
0	FINAL DESIGN	10/29/09	P.S.

MAS JRB New Orleans Belle Chasse, Louisiana
NAVAIRSEFAC CALIBRATION BLDG.
POWER PLAN - MEZZANINE
 DATE: AUGUST 14, 2008
 APPROVED: [Signature] EFD FOR COMMANDER, NAVFAC



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CONSULTING ENGINEERS
 INC.
 3120 20th STREET
 METAIRIE, LOUISIANA 70002

FINAL DESIGN
 Oct 29, 2009

Nelson WALDEMAR S. NELSON AND COMPANY
 INCORPORATED
 ENGINEERS AND ARCHITECTS
 1200 ST. CHARLES AVE NEW ORLEANS, LA.

RECORD DRAWING DATE	XX-XXX-20XX
CODE ID. NO.	D
DRAWING SIZE:	SPEC. NO.06-
CONSTR. CONTR. NO.	N62467
NAVFAC DRAWING NO.	15030966
SHEET	OF

E-4.1