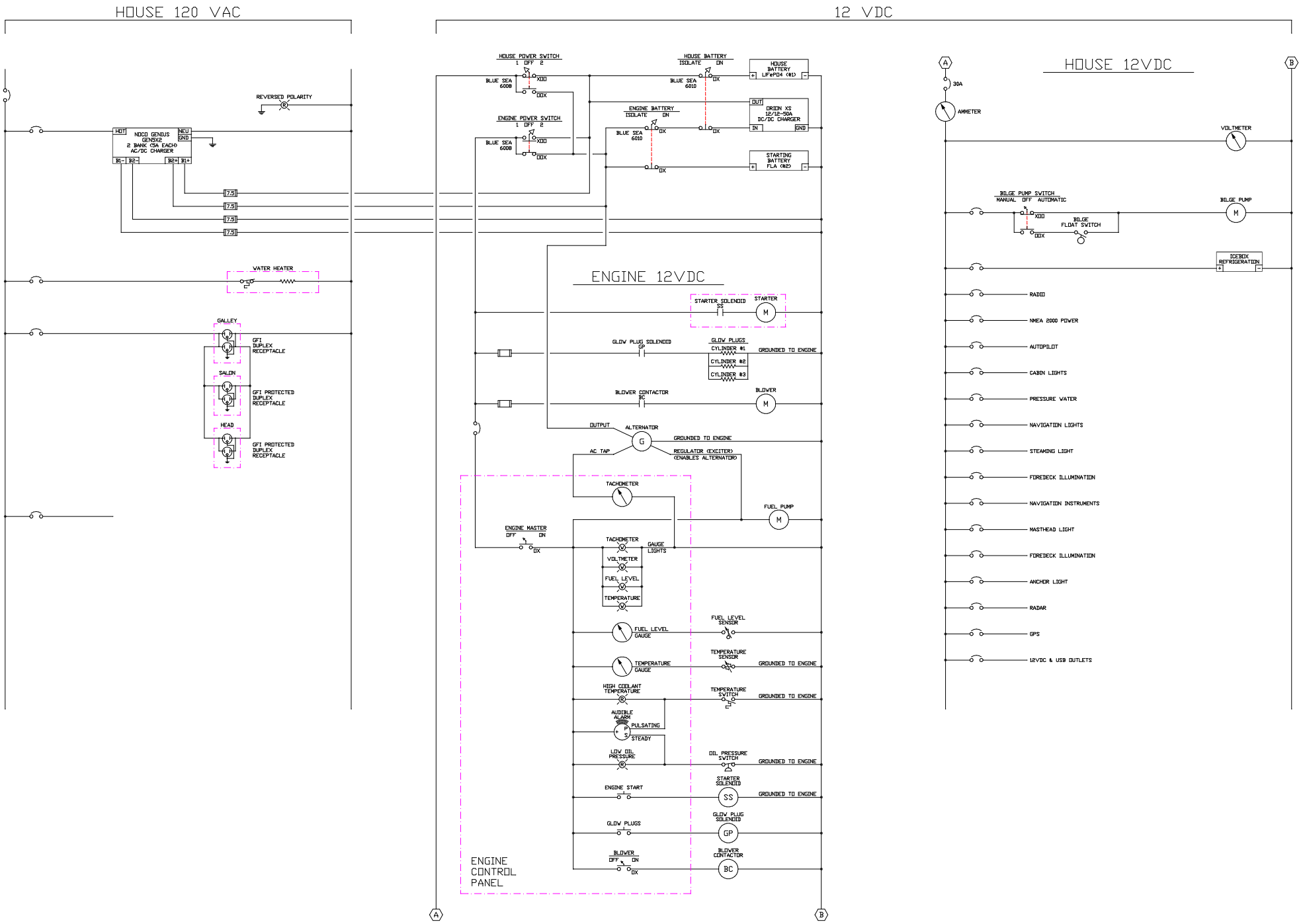
HOUSE 120 VAC
12 VDC
REVERSED POLARITY
HOT
NOCO GENIUS GEN5X2
2 BANK 5A EACH
AC/DC CHARGER
NEU
GND
B1-
B2-
B2+
B1+
7.5
7.5
7.5
7.5
WATER HEATER
GALLEY
GFI DUPLEX RECEPTACLE
SALON
GFI PROTECTED DUPLEX RECEPTACLE
HEAD
GFI PROTECTED DUPLEX RECEPTACLE
HOUSE POWER SWITCH
1 OFF 2
BLUE SEA 6008
ENGINE POWER SWITCH
1 OFF 2
BLUE SEA 6008
HOUSE BATTERY
ISOLATE ON
BLUE SEA 6010
HOUSE BATTERY LiFePO4 (#1)
ENGINE BATTERY
ISOLATE ON
BLUE SEA 6010
OUT
ORION XS 12/12-50A DC/DC CHARGER
IN
GND
STARTING BATTERY FLA (#2)
ENGINE 12VDC
STARTER SOLENOID
SS
STARTER
M
GLOW PLUG SOLENOID
GP
GLOW PLUGS
CYLINDER #1
CYLINDER #2
CYLINDER #3
GROUNDED TO ENGINE
BLOWER CONTACTOR
BC
BLOWER
M
OUTPUT
ALTERNATOR
G
AC TAP
GROUNDED TO ENGINE
REGULATOR (EXCITER)
(ENABLES ALTERNATOR)
TACHOMETER
FUEL PUMP
M
ENGINE MASTER
OFF ON
TACHOMETER
GAUGE LIGHTS
VOLTMETER
FUEL LEVEL
TEMPERATURE
FUEL LEVEL GAUGE
FUEL LEVEL SENSOR
TEMPERATURE GAUGE
TEMPERATURE SENSOR
GROUNDED TO ENGINE
HIGH COOLANT TEMPERATURE
TEMPERATURE SWITCH
GROUNDED TO ENGINE
AUDIBLE ALARM
PULSATING
STEADY
LOW OIL PRESSURE
OIL PRESSURE SWITCH
GROUNDED TO ENGINE
ENGINE START
STARTER SOLENOID
SS
GROUNDED TO ENGINE
GLOW PLUGS
GLOW PLUG SOLENOID
GP
BLOWER
OFF ON
BLOWER CONTACTOR
BC
ENGINE CONTROL PANEL
A
B
A
30A
AMMETER
HOUSE 12VDC
VOLTMETER
BILGE PUMP SWITCH
MANUAL OFF AUTOMATIC
BILGE FLOAT SWITCH
BILGE PUMP
M
ICEBOX REFRIGERATION
RADIO
NMEA 2000 POWER
AUTOPILOT
CABIN LIGHTS
PRESSURE WATER
NAVIGATION LIGHTS
STEAMING LIGHT
FOREDECK ILLUMINATION
NAVIGATION INSTRUMENTS
MASTHEAD LIGHT
FOREDECK ILLUMINATION
ANCHOR LIGHT
RADAR
GPS
12VDC & USB OUTLETS
B