

NOTE:

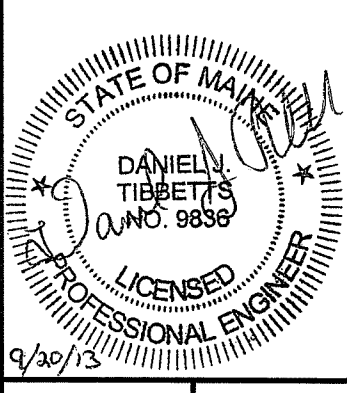
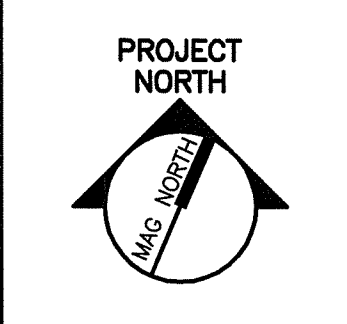
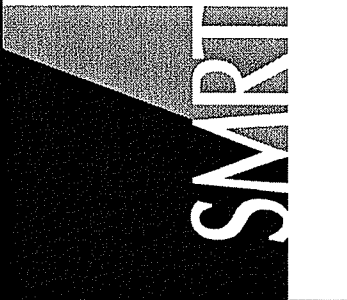
- SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.
- SEE GE INSTALLATION DRAWINGS FOR ADDITIONAL DETAILS, DIMENSIONED LOCATION OF ALL BOXES, WALL DUCTS, CABLE TRAY, INSTALLATION NOTES, CABLE LENGTH RESTRICTIONS AND OTHER INSTALLATION REQUIREMENTS. ALL WORK SHALL BE COORDINATED WITH GE PROJECT MANAGER AND EQUIPMENT INSTALLER.

KEYED NOTES:

- FURNISH & INSTALL AN 18" WIDE x 6" DEEP BASKET STYLE CABLE TRAY MOUNTED 8"-6" AFF.
- INSTALL UPS, UPS BATTERY CABINET, UPS MAINTENANCE BYPASS PANEL AND MAIN BREAKER PANEL FURNISHED BY GE. FIELD COORDINATE EXACT PLACEMENT OF EQUIPMENT TO MEET ALL REQUIRED NATIONAL ELECTRIC CODE CLEARANCES.
- FURNISH & INSTALL A RECESSED SINGLE GANG BOX MOUNTED 48" AFF AND MOUNT EMERGENCY OFF BUTTON SUPPLIED BY GE IN SINGLE GANG BOX. WIRING BETWEEN TO EMO BUTTONS TO BE RUN THROUGH RF FILTER AT PENETRATION PANEL.
- FURNISH AND INSTALL CONTROL SWITCHES IN MRI ROOM AND CONTROL ROOM TO TURN ON/OFF EXHAUST FAN EF-M-3 LOCATED IN THE MECHANICAL ROOM ON THE LEVEL ABOVE. SEE DRAWING EP-120 FOR LOCATION OF EXHAUST FAN COMBINATION STARTER/DISCONNECT. WIRING BETWEEN TWO SWITCHES TO BE RUN THROUGH AN RF FILTER AT THE ROOM PENETRATION PANEL.
- FURNISH & INSTALL A SURFACE MOUNTED 10" x 3 1/2" VERTICAL WALL DUCT WITH REMOVABLE SCREW TYPE COVER AND A MINIMUM OF TWO DIVIDERS. RUN DUCT FROM FLOOR LEVEL UP TO SAME HEIGHT AS CABLE TRAY. PROVIDE AN 8" x 8" GROMMETTED OPENING IN WALL DUCT AT A HEIGHT TO BE COORDINATED WITH GE FOR SHIELD COOLER CABINET WIRING.
- FURNISH & INSTALL A TWO GANG JUNCTION BOX RECESSED 60" AFF FOR MOUNTING OF CHILLER REMOTE DISPLAY. RUN AN EMPTY 3/4" CONDUIT FROM JUNCTION BOX FOR CHILLER REMOTE MONITOR IN THE MRI CONTROL ROOM TO JUNCTION BOX AT DIMPLEX CHILLER. SEE SHEET EP120 FOR LOCATION OF CHILLER PCH-1. CONDUIT RUN TO BE AS SHORT AS POSSIBLE AND MUST BE LESS THAN 140'. COORDINATE ALL WORK WITH EQUIPMENT SUPPLIER INCLUDING EXACT MOUNTING LOCATIONS OF JUNCTION BOXES.
- FURNISH & INSTALL AN RF DOOR SWITCH RATED FOR 24 VOLTS AND 750 mA THAT IS NORMALLY OPEN WHEN DOOR IS OPEN.
- FURNISH & INSTALL TWO 36" FLEXIBLE POWER LINE SERVICE LOOPS AND ALL GROMMET MATERIAL AND FITTINGS REQUIRED BY GE AT THE HEAT EXCHANGER CABINET, MAGNET AND MAGNET MONITOR. COORDINATE ALL WORK WITH GE EQUIPMENT INSTALLER.
- PROVIDE ANY REQUIRED GROMMETTING MATERIAL AT RF PENETRATION PANEL AND RF PENETRATION CABINET. COORDINATE ALL WORK WITH GE EQUIPMENT INSTALLER.
- FURNISH & INSTALL A RECESSED 4" x 4" x 2" RECESSED JUNCTION BOX WITH REMOVABLE COVERPLATE WITH A 1" KNOCKOUT MOUNTED 60" AFF TO CENTER OF BOX. MOUNT MAGNET RUNDOWN UNIT PROVIDED BY GE AND PROVIDE POWER FOR THE RUN DOWN UNIT FROM P2 CIRCUIT 11 (VIA AN RF FILTER AT THE RF PENETRATION PANEL FOR THE MAGNET RUNDOWN IN THE MRI ROOM).
- FURNISH & INSTALL A RECESSED 6" x 3 1/2" VERTICAL WALL DUCT WITH REMOVABLE SCREW TYPE COVER AND A MINIMUM OF ONE DIVIDER. RUN DUCT FROM HORIZONTAL WALL DUCT TO JUNCTION BOX ABOVE CEILING.
- FURNISH & INSTALL A RECESSED 6" x 3 1/2" HORIZONTAL WALL DUCT WITH REMOVABLE SCREW TYPE COVER AND A MINIMUM OF ONE DIVIDER. MOUNT HORIZONTAL WALL DUCT 7" AFF TO CENTER OF DUCT. PROVIDE A 3" x 3" GROMMETTED OPENING IN WALL DUCT AT A LOCATION TO BE COORDINATED WITH GE FOR MUSIC SYSTEM, OPERATOR WORKSPACE AND PATIENT ALERT CALL BOX WIRING.
- FURNISH & INSTALL A 24" x 12" x 6" DEEP JUNCTION BOX ABOVE CEILING. RUN VERTICAL WALL DUCT DESCRIBED IN KEY NOTE 11 UP TO JUNCTION BOX.
- FOR CONNECTION OF POWER TO THE POWER GRADIENT CABINET PROVIDE GROMMET MATERIAL, 6" OF FLEXIBLE METAL CONDUIT WITH SUITABLE BUSHING AND LOCKNUT.
- PROVIDE A COMMON GROUND STUD AT THE RF PENETRATION PANEL. FROM GROUND STUD UTILIZING A #1/0 CONDUCTOR CONNECT TO THE MAGNET IN THE MRI ROOM AND THE POWER GRADIENT CABINET IN THE EQUIPMENT ROOM. IN ADDITION CONNECT THE GROUND STUD TO ALL RF FILTERS AT THE RF PENETRATION PANEL AND TO ALL ELECTRICAL DEVICES INSTALLED WITHIN THE MRI ROOM.

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MAINE MEDICAL CENTER
 MRI #1 AND READING ROOM RENOVATION
 PORTLAND, MAINE
 ISSUED FOR CONSTRUCTION
 9-20-13

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	9-20-13

GRAPHIC SCALE:
 0" 1"

SCALE: 1/2"=1'-0"
 PROJECT MANAGER: DJV
 JC/DRAWN BY: CDS
 A/E OF RECORD: DJT
 CAD FILE: EP401-12118
 PROJECT NO: 12118
 DATE: 9-20-13

SHEET TITLE:
 ENLARGED
 POWER PLAN

SHEET No.
 EP401
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A1
 1/2"=1'-0"

PLAN