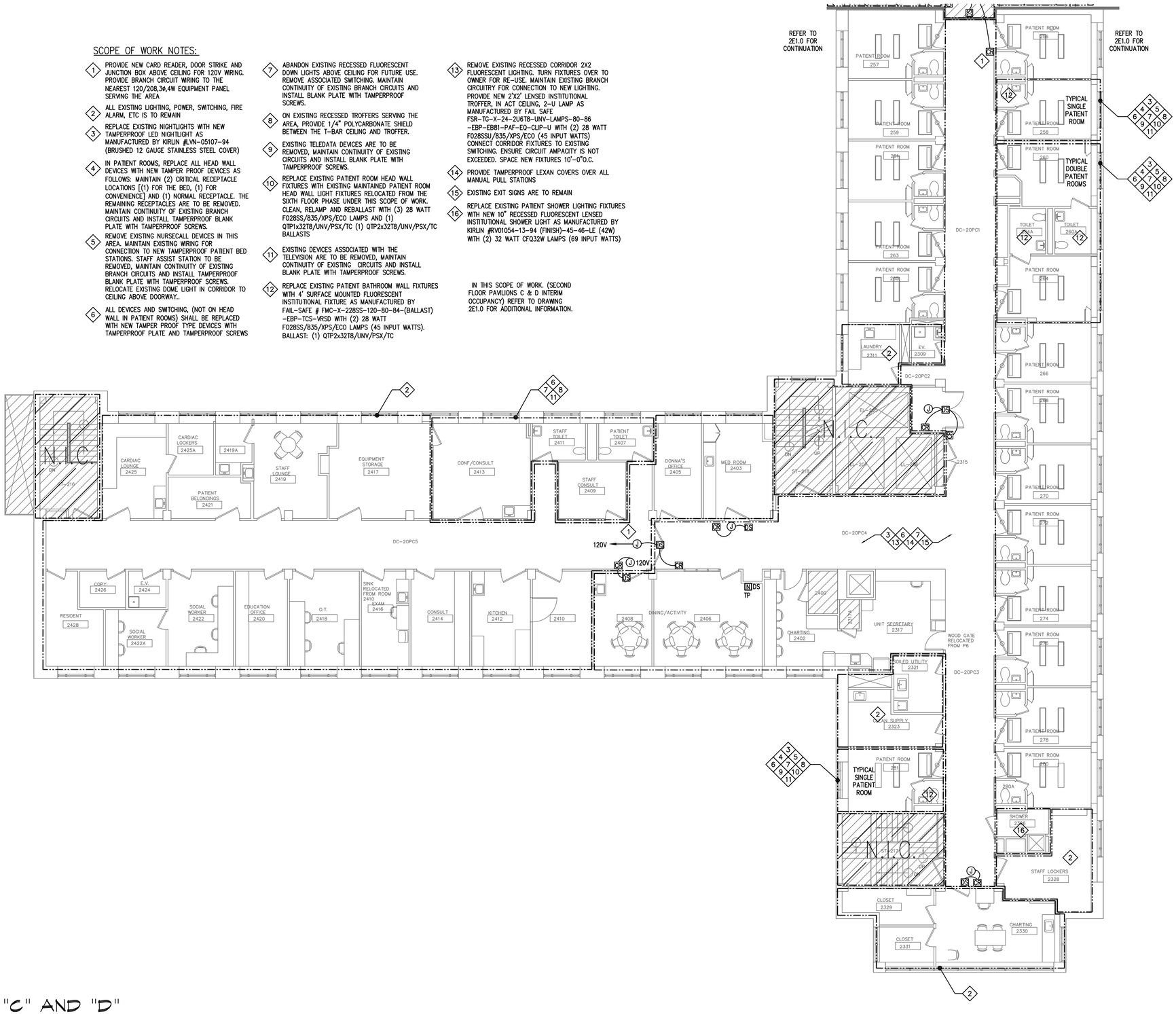
SCOPE OF WORK NOTES:

1. PROVIDE NEW CARD READER, DOOR STRIKE AND JUNCTION BOX ABOVE CEILING FOR 120V WIRING. PROVIDE BRANCH CIRCUIT WIRING TO THE NEAREST 120/208,3ø,4W EQUIPMENT PANEL SERVING THE AREA
2. ALL EXISTING LIGHTING, POWER, SWITCHING, FIRE ALARM, ETC IS TO REMAIN
3. REPLACE EXISTING NIGHTLIGHTS WITH NEW TAMPERPROOF LED NIGHTLIGHT AS MANUFACTURED BY KIRLIN #LVN-05107-94 (BRUSHED 12 GAUGE STAINLESS STEEL COVER)
4. IN PATIENT ROOMS, REPLACE ALL HEAD WALL DEVICES WITH NEW TAMPER PROOF DEVICES AS FOLLOWS: MAINTAIN (2) CRITICAL RECEPTACLE LOCATIONS [(1) FOR THE BED, (1) FOR CONVENIENCE] AND (1) NORMAL RECEPTACLE. THE REMAINING RECEPTACLES ARE TO BE REMOVED. MAINTAIN CONTINUITY OF EXISTING BRANCH CIRCUITS AND INSTALL TAMPERPROOF BLANK PLATE WITH TAMPERPROOF SCREWS.
5. REMOVE EXISTING NURSECALL DEVICES IN THIS AREA. MAINTAIN EXISTING WIRING FOR CONNECTION TO NEW TAMPERPROOF PATIENT BED STATIONS. STAFF ASSIST STATION TO BE REMOVED, MAINTAIN CONTINUITY OF EXISTING BRANCH CIRCUITS AND INSTALL TAMPERPROOF BLANK PLATE WITH TAMPERPROOF SCREWS. RELOCATE EXISTING DOME LIGHT IN CORRIDOR TO CEILING ABOVE DOORWAY..
6. ALL DEVICES AND SWITCHING, (NOT ON HEAD WALL IN PATIENT ROOMS) SHALL BE REPLACED WITH NEW TAMPER PROOF TYPE DEVICES WITH TAMPERPROOF PLATE AND TAMPERPROOF SCREWS
7. ABANDON EXISTING RECESSED FLUORESCENT DOWN LIGHTS ABOVE CEILING FOR FUTURE USE. REMOVE ASSOCIATED SWITCHING. MAINTAIN CONTINUITY OF EXISTING BRANCH CIRCUITS AND INSTALL BLANK PLATE WITH TAMPERPROOF SCREWS.
8. ON EXISTING RECESSED TROFFERS SERVING THE AREA, PROVIDE 1/4" POLYCARBONATE SHIELD BETWEEN THE T-BAR CEILING AND TROFFER.
9. EXISTING TELEDATA DEVICES ARE TO BE REMOVED, MAINTAIN CONTINUITY OF EXISTING CIRCUITS AND INSTALL BLANK PLATE WITH TAMPERPROOF SCREWS.
10. REPLACE EXISTING PATIENT ROOM HEAD WALL FIXTURES WITH EXISTING MAINTAINED PATIENT ROOM HEAD WALL LIGHT FIXTURES RELOCATED FROM THE SIXTH FLOOR PHASE UNDER THIS SCOPE OF WORK. CLEAN, RELAMP AND REBALLAST WITH (3) 28 WATT F028SS/835/XPS/ECO LAMPS AND (1) QTP1x32T8/UNV/PSX/TC (1) QTP2x32T8/UNV/PSX/TC BALLASTS
11. EXISTING DEVICES ASSOCIATED WITH THE TELEVISION ARE TO BE REMOVED, MAINTAIN CONTINUITY OF EXISTING CIRCUITS AND INSTALL BLANK PLATE WITH TAMPERPROOF SCREWS.
12. REPLACE EXISTING PATIENT BATHROOM WALL FIXTURES WITH 4' SURFACE MOUNTED FLUORESCENT INSTITUTIONAL FIXTURE AS MANUFACTURED BY FAIL-SAFE # FMC-X-228SS-120-80-84-(BALLAST) -EBP-TCS-VRSD WITH (2) 28 WATT F028SS/835/XPS/ECO LAMPS (45 INPUT WATTS). BALLAST: (1) QTP2x32T8/UNV/PSX/TC
13. REMOVE EXISTING RECESSED CORRIDOR 2X2 FLUORESCENT LIGHTING. TURN FIXTURES OVER TO OWNER FOR RE-USE. MAINTAIN EXISTING BRANCH CIRCUITRY FOR CONNECTION TO NEW LIGHTING. PROVIDE NEW 2'X2' LENSED INSTITUTIONAL TROFFER, IN ACT CEILING, 2-U LAMP AS MANUFACTURED BY FAIL SAFE FSR-TG-X-24-2U6T8-UNV-LAMPS-80-86 -EBP-EB81-PAF-EQ-CLIP-U WITH (2) 28 WATT F028SSU/835/XPS/ECO (45 INPUT WATTS) CONNECT CORRIDOR FIXTURES TO EXISTING SWITCHING. ENSURE CIRCUIT AMPACITY IS NOT EXCEEDED. SPACE NEW FIXTURES 10'-0"O.C.
14. PROVIDE TAMPERPROOF LEXAN COVERS OVER ALL MANUAL PULL STATIONS
15. EXISTING EXIT SIGNS ARE TO REMAIN
16. REPLACE EXISTING PATIENT SHOWER LIGHTING FIXTURES WITH NEW 10" RECESSED FLUORESCENT LENSED INSTITUTIONAL SHOWER LIGHT AS MANUFACTURED BY KIRLIN #RV01054-13-94 (FINISH)-45-46-LE (42W) WITH (2) 32 WATT CFQ32W LAMPS (69 INPUT WATTS)

IN THIS SCOPE OF WORK, (SECOND FLOOR PAVILIONS C & D INTERIM OCCUPANCY) REFER TO DRAWING 2E1.0 FOR ADDITIONAL INFORMATION.



PAVILION "C" AND "D"

True North

MorrisSwitzer
Environments for Health

Williston, Vermont
Boston, Massachusetts
Portland, Maine

One Dana Street
Portland, ME 04101
t 207.773.8841
f 207.773.8840

morrisswitzer.com

STATE OF MAINE
JAMES M. CONWAY
No. 10085
LICENSED PROFESSIONAL ENGINEER

Seals

BECKER
structural engineers, inc.
75 York Street
Portland, ME 04101-4701
info@beckerstructural.com
Tel 207-879-1838
Fax 207-879-1822
www.beckerstructural.com

Consultant

MECHANICAL / ELECTRICAL ENGINEERS
FITZEMEYER & TOCCI ASSOCIATES, INC.
92 Montvale Ave, Suite 4100
Stoneham, MA 02180
Tel: 781-481-0210
Fax: 781-481-0203
email: info@f-t.com
www.f-t.com
Project No.: 09018.00

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Key Plan N.T.S.

True North

Revision	Date	No
ADDENDUM#1	12/4/09	1

Maine Medical Center
Portland, Maine

MAINE MEDICAL CENTER

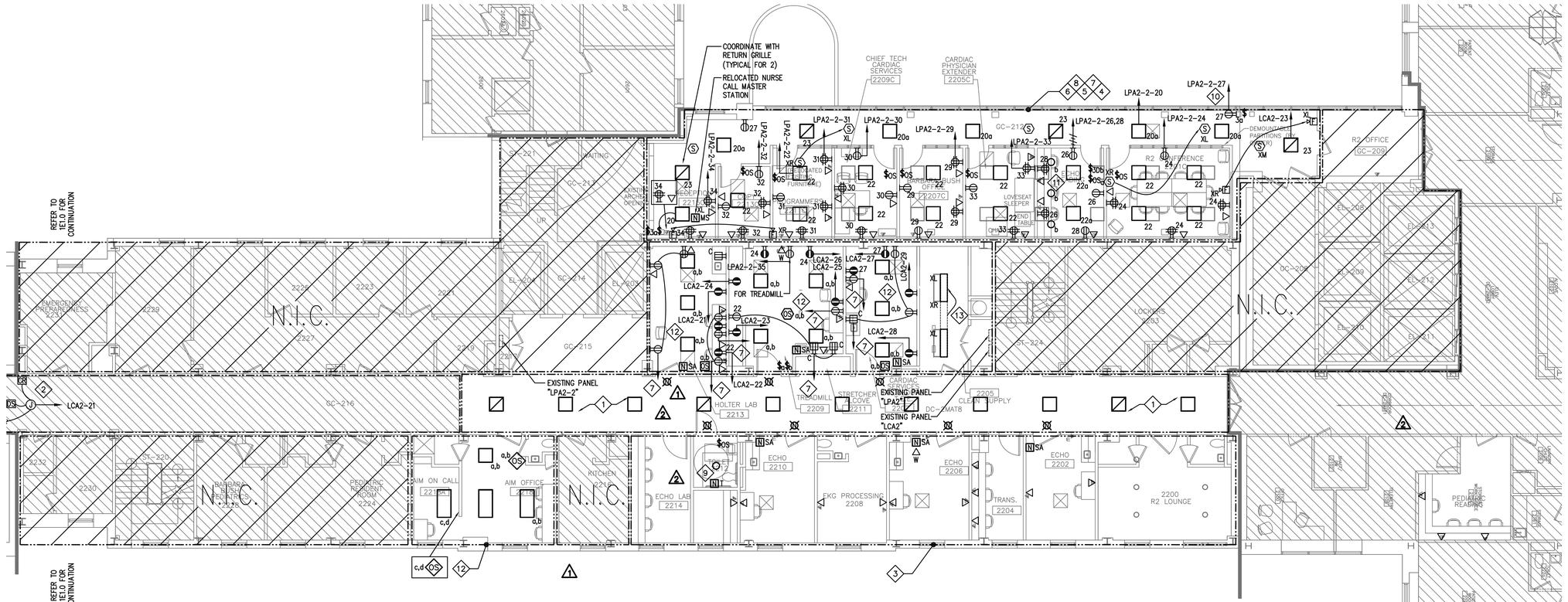
PAVILION 6 RENOVATIONS

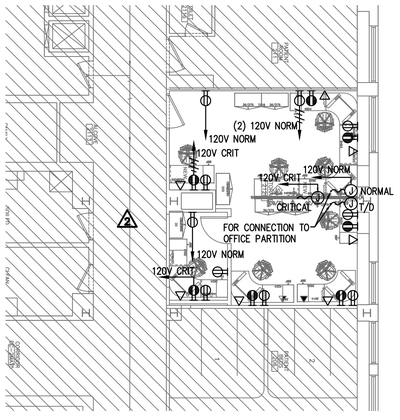
MorrisSwitzer Project Number	28034
Date	11/19/09
Scale	1/8" = 1'-0"

Sheet Title and Number

SECOND FLOOR PAVILION "C" & "D" INTERIM OCCUPANCY ELECTRICAL PLAN

2E1.0



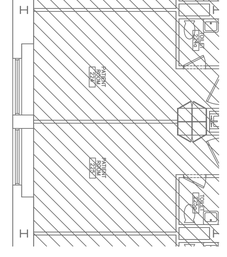


1 FIRST CALL PARTIAL PLAN
SCALE: 1/8" = 1'-0"

PAVILION "A"

SCOPE OF WORK NOTES:

1. REMOVE EXISTING SURFACE MOUNTED CORRIDOR LIGHTING. MAINTAIN EXISTING BRANCH CIRCUITRY FOR CONNECTION TO NEW LIGHTING. PROVIDE NEW 2X2 AS MANUFACTURED BY CORELITE #R2-W-L-2-T5-1-C (E AS REQUIRED)-UNV-22-T WITH (2) 24W T5HO LAMPS. CONNECT CORRIDOR FIXTURES TO EXISTING BRANCH CIRCUITRY AND SWITCHING. ENSURE CIRCUIT AMPACITY IS NOT EXCEEDED. SPACE NEW FIXTURES 10'-0"O.C.
2. PROVIDE NEW CARD READER, DOOR STRIKE AND JUNCTION BOX ABOVE CEILING FOR 120V WIRING. PROVIDE BRANCH CIRCUIT WIRING TO THE NEAREST 120/208,3Φ,4W EQUIPMENT PANEL SERVING THE AREA. CONNECT TO EXISTING 120V SPARE BREAKER OR PROVIDE NEW, MATCH EXISTING MANUFACTURER, MODEL AND A.I.C. RATING
3. ALL EXISTING LIGHTING, POWER, SWITCHING, FIRE ALARM, ETC IS TO REMAIN, EXCEPT AS INDICATED OTHERWISE.
4. REMOVE EXISTING LIGHTING, POWER AND TELEDATA DEVICES IN THIS AREA. MAINTAIN EXISTING BRANCH CIRCUITRY FOR CONNECTION TO NEW DEVICES, LIGHTING AND SWTCHING AS INDICATED
5. PROVIDE NEW 2X2 AT LOCATIONS INDICATED AS MANUFACTURED BY CORELITE #R2-W-L-2-T5-1-C (E AS REQUIRED)-UNV-22-T1. WITH (2) 24W T5HO LAMPS. CONNECT CORRIDOR FIXTURES TO EXISTING BRANCH CIRCUIT AND SWITCHING. ENSURE CIRCUIT AMPACITY IS NOT EXCEEDED. SPACE NEW FIXTURES 10'-0"O.C.
6. CONNECT NEW FIRE ALARM DEVICES TO EXISTING LOOP SERVING THE AREA. PROVIDE ALL NECESSARY WIRING AND APPURTENANCES FOR A COMPLETE INSTALLATION
7. CONNECT NEW POWER DEVICES TO EXISTING MAINTAINED BRANCH CIRCUITRY OR PROVIDE NEW WIRING CONNECTED TO EXISTING SPARE 20A-1P BREAKER IN EXISTING NORMAL PANEL SERVING THE AREA.
8. CONNECT NEW TELEDATA DEVICES TO EXISTING MAINTAINED BRANCH CIRCUITRY
9. REPLACE EXISTING PATIENT SHOWER LIGHTING FIXTURE WITH NEW 8" RECESSED FLUORESCENT LENSED SHOWER LIGHT AS MANUFACTURED BY KIRLIN #VRR-08013-94 (FINISH)-LE (42W) WITH (1) 42 WATT CFQ42W LAMPS (48 INPUT WATTS)
10. CONNECT TO EXISTING 120V SPARE BREAKER OR PROVIDE NEW, MATCH EXISTING MANUFACTURER, MODEL AND A.I.C. RATING
11. PROVIDE NEW DIMMABLE RECCESSED 8" DOWNLIGHT AT LOCATIONS INDICATED AS MANUFACTURED BY PORTFOLIO C8042-1042-8400-LIHB26 WITH (1) 42W COMPACT FLUORECENT LAMP.
12. ALL EXISTING POWER FIRE ALARM, ETC IS TO REMAIN, EXCEPT AS INDICATED OTHERWISE. REMOVE EXISTING LIGHTING AND STORE FOR RE-USE ELSEWHERE IN THIS SCOPE OF WORK. PROVIDE (1) NEW 2X2 AT LOCATION INDICATED AS MANUFACTURED BY CORELITE #R2-W-L-3-T5-1-C (E AS REQUIRED)-UNV-22-T1. WITH (3) 24W T5HO LAMPS AND (1) 1-LAMP AND (1) 2-LAMP BALLAST FOR DUAL LEVEL SWITCHING AND (3) NEW 2X4 AT LOCATION INDICATED AS MANUFACTURED BY CORELITE #R2-W-L-3-T5-1-C (E AS REQUIRED)-UNV-24-T1. WITH (3) 54W T5HO LAMPS AND (1) 1-LAMP AND (1) 2-LAMP BALLAST FOR DUAL LEVEL SWITCHING. CONNECT NEW FIXTURES TO EXISTING BRANCH CIRCUIT SERVING THE AREA AND NEW SWITCHING AS INDICATED. ENSURE CIRCUIT AMPACITY IS NOT EXCEEDED.
13. ALL EXISTING POWER FIRE ALARM, ETC IS TO REMAIN, EXCEPT AS INDICATED OTHERWISE. RELOCATE EXISTING LIGHTING AND PROVIDE A RELOCATED FIXTURE MAINTAINED FROM DEMOLITION PHASES. CLEAN, RE-LAMP AND RE-BALLAST AND MOUNT AS INDICATED CONNECT TO EXISTING CIRCUIT AND SWITCHING SERVING THE AREA. ENSURE CIRCUIT AMPACITY IS NOT EXCEEDED.



True North

MorrisSwitzer
Environments for Health

Williston, Vermont
Boston, Massachusetts
Portland, Maine

One Dana Street
Portland, ME 04101
t 207.773.8841
f 207.773.8840

morrisswitzer.com

Seals

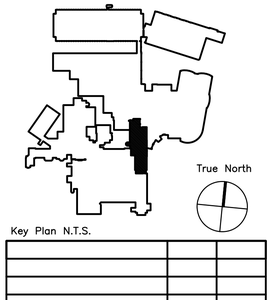
STATE OF MAINE
JAMES M. CONWAY
No. 10085
LICENSED
PROFESSIONAL ENGINEER

BECKER
structural engineers, inc.
75 York Street
Portland, ME 04101-4701
info@beckerstructural.com
Tel 207-879-1838
Fax 207-879-1822
www.beckerstructural.com

Consultant

Fitzemeyer & Tocci Associates, Inc.
Mechanical / Electrical Engineers
92 Montvale Ave, Suite 4100
Stoneham, MA 02180
Tel: 781-481-0210
Fax: 781-481-0203
email: info@f-t.com
www.f-t.com
Project No.: 09018.00

Consultant



Key Plan N.T.S.

REVISION #1	01/12/10	2
ADDENDUM#1	12/4/09	1
Revision	Date	No

Maine Medical Center
Portland, Maine

MAINE MEDICAL CENTER

PAVILION 6 RENOVATIONS

MorrisSwitzer Project Number:	28034
Date	11/19/09
Scale	1/8" = 1'-0"

Sheet Title and Number

SECOND FLOOR PAVILION "A" INTERIM OCCUPANCY ELECTRICAL PLAN

1E1.0

POWER PLAN LEGEND

	FLUSH MOUNTED PANELBOARD
	SURFACE MOUNTED PANELBOARD
60AS/40AF 3P	DISCONNECT SWITCH – NEMA 1 ENCLOSURE – FUSED 30A-3 POLE UNLESS OTHERWISE NOTED "60AS" – DENOTES SWITCH AMPERAGE RATING "40AF" – DENOTES FUSE AMPERAGE RATING "3P" – DENOTES 3-POLE "3R" – DENOTES NEMA 3R ENCLOSURE
	DISCONNECT SWITCH – NEMA 1 ENCLOSURE – UNFUSED
	MAGNETIC MOTOR STARTER
$M	MANUAL MOTOR STARTER WITH INTEGRAL THERMAL PROTECTION
VFD	VARIABLE FREQUENCY DRIVE – REFER TO "MECHANICAL/ ELECTRICAL/ PLUMBING" COORDINATION SCHEDULE.
ECB 100AF/60AT 3P	ENCLOSED CIRCUIT BREAKER – NEMA 1 ENCLOSURE – AMPERAGE AND NO. OF POLES AS INDICATED. 100AF – DENOTES CIRCUIT BREAKER FRAME 60AT – DENOTES CIRCUIT BREAKER TRIP
	MOTOR
J	JUNCTION BOX "ATC" INDICATES CONNECTION FOR AUTOMATIC TEMPERATURE CONTROLS "B" INDICATES JUNCTION BOX WITH BLANK COVER "EWC" INDICATES CONNECTION TO ELECTRIC WATER COOLER "MGAP"– DENOTES MEDICAL GAS ALARM PANEL (LOCAL) "MMGAP"– DENOTES MASTER MEDICAL GAS ALARM PANEL "PS" INDICATES CONNECTION TO MOTORIZED PROJECTION SCREEN "MD" INDICATES CONNECTION TO MOTORIZED DAMPER
T	DRY TYPE TRANSFORMER
PB	PULL BOX
ER	EMERGENCY TRANSFER DEVICE

WIRING DEVICE LEGEND

- DUPLEX RECEPTACLE NEMA 5-20R NORMAL BRANCH CIRCUIT
- DOUBLE DUPLEX RECEPTACLE NEMA 5-20R NORMAL BRANCH CIRCUIT
- DUPLEX RECEPTACLE NEMA 5-20R EMERGENCY BRANCH CIRCUIT
- DOUBLE DUPLEX RECEPTACLE NEMA 5-20R EMERGENCY CRITICAL BRANCH CIRCUIT
- DUPLEX RECEPTACLE GFI TYPE NEMA 5-20R NORMAL BRANCH CIRCUIT
- DUPLEX RECEPTACLE GFI TYPE NEMA 5-20R EMERGENCY BRANCH CIRCUIT
- SPECIAL PURPOSE RECEPTACLE NEMA TYPE AS INDICATED ON THE PLANS

– MOUNT 18" AFF UNO
"C"–DENOTES MOUNTED 6" ABOVE WORK SURFACE
"H"–DENOTES MOUNTED HIGH ON WALL COORDINATE EXACT LOCATION WITH ARCHITECTURAL ELEVATIONS
"PTP"–DENOTES PSYCHIATRIC QUALITY TAMPER PROOF DEVICE, SCREWS
"TP"–DENOTES TAMPER PROOF DEVICE SCREWS
"WR"–DENOTES LISTED WEATHER RESISTANT TYPE DEVICE AND IN-USE COVER AS DESCRIBED IN N.E.C. 2008 SECTION 406.8

WIRING METHODS LEGEND

- FLEXIBLE RACEWAY
- LP1-5 — HOMERUN TO PANELBOARD "LS43A" ; BRANCH CIRCUIT No. 5; NO SLASH LINES INDICATE 2#12 & 1#12G.,3/4"C. UNLESS OTHERWISE NOTED: MINIMUM SIZE CONDUCTOR #12 AWG/ MINIMUM SIZE CONDUIT 3/4"C.
- LP1-1,3 — HOMERUN TO PANELBOARD "LP1" ; BRANCH CIRCUIT No. 1 AND 3; SLASH LINES INDICATE 4#12 & 1#12G.,3/4"C. UNLESS OTHERWISE NOTED: REQUIRED GROUND CONDUCTORS ARE NOT INDICATED. MINIMUM SIZE CONDUCTOR #12 AWG/ MINIMUM SIZE CONDUIT 3/4"C.

WIRING METHODS

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

NORMAL SYSTEM FEEDERS	THHN/THWN/XHHW CONDUCTORS IN EMT
NORMAL BRANCH CIRCUITS	THHN/THWN/XHHW CONDUCTORS IN EMT OR HOSPITAL GRADE AC CABLE
EMERGENCY SYSTEM (LIFE SAFETY AND CRITICAL) BRANCH CIRCUITS	THHN/THWN/XHHW CONDUCTORS IN EMT
NURSE CALL SYSTEM WIRING	CONDUCTORS IN EMT
FIRE ALARM SYSTEM WIRING	CONDUCTORS IN EMT

LIGHTING PLAN LEGEND

–LIGHTING FIXTURE AS DESIGNATED ON LIGHTING FIXTURE SCHEDULE
"1" – DENOTES PANELBOARD BRANCH CIRCUIT NUMBER
"a" – DENOTES FIXTURE CONTROLLED BY LOCAL SWITCH "a"
"FR" – DENOTES FIXTURE TYPE AS NOTED ON FIXTURE SCHEDULE.

– DENOTES LIGHT FIXTURE ON LIFE SAFETY BRANCH CIRCUIT, CONSTANT ON UN-SWITCHED (NIGHT LIGHT)
– DENOTES LIGHT FIXTURE WITH BODINE EMERGENCY BALLAST
C – DENOTES LIGHT FIXTURE ON CRITICAL BRANCH CIRCUIT

–EXIT SIGN – SHADED AREA INDICATES LOCATION AND QUANTITY OF FACES; DIRECTIONAL ARROWS AS INDICATED

SWITCHES LEGEND

$a	LOCAL SWITCH, SINGLE POLE "a" – DENOTES LIGHT FIXTURE CONTROL
$3	LOCAL SWITCH, 3-WAY, SINGLE POLE DOUBLE THROW
$4	LOCAL SWITCH, 4-WAY, DOUBLE POLE, DOUBLE THROW
$D	DIMMER SWITCH, SINGLE POLE (FLUORESCENT OR INCANDESCENT DIMMER AS REQUIERED REFER TO FLOOR PLANS FOR EXACT APPLICATION)
$OS	OCCUPANCY SENSOR – WALL MOUNTED INTEGRAL, DUAL TECHNOLOGY, SINGLE POLE SWITCH. MOUNT 48" AFF UNLESS NOTED OTHERWISE. AS MANUFACTURED BY SENSOR SWITCH CATALOG # WSD-PDT OR WATTSTOPPER CATALOG # DW-100
OS	OCCUPANCY SENSOR – WALL MOUNTED INTEGRAL, DUAL TECHNOLOGY, DUAL RELAY SWITCH. MOUNT 48" AFF UNLESS NOTED OTHERWISE. AS MANUFACTURED BY SENSOR SWITCH CATALOG # WSD-PDT-2P
OS	OCCUPANCY SENSOR – WALL MOUNTED INTEGRAL, DUAL TECHNOLOGY, DUAL RELAY SWITCH, WITH INTEGRAL PHOTOCELL. MOUNT 48" AFF UNLESS NOTED OTHERWISE. AS MANUFACTURED BY SENSOR SWITCH CATALOG # WSD-PDT-2P-P
OS	OCCUPANCY SENSOR, CEILING MOUNTED, DUAL TECHNOLOGY, DUAL RELAY SWITCH. AS MANUFACTURED BY SENSOR SWITCH CATALOG # CMR-PDT(-2P 2-POLE AS REQUIRED)
OS	OCCUPANCY SENSOR, CEILING MOUNTED, DUAL TECHNOLOGY, DUAL RELAY SWITCH WITH INTEGRAL PHOTOCELL. AS MANUFACTURED BY SENSOR SWITCH CATALOG # CMR-10-PDT-2P-P
$3 $3	BRACKET INDICATES GANGED SWITCHES AT LOCATION INDICATED
LV	TOGGLE SWITCH TYPE LOW VOLTAGE MOMENTARY CONTACT CONTROL SWITCH

– MOUNT 48" AFF UNO

FIRE ALARM SYSTEM LEGEND

FACP	FIRE ALARM CONTROL PANEL
FATB	FIRE ALARM TERMINAL BOX
F	FIRE ALARM ADA COMPATIBLE MANUAL PULL STATION
F TP C	TAMPERPROOF FIRE ALARM ADA COMPATIBLE, WALL MOUNTED SPEAKER/STROBE COMBINATION UNIT 90DB OUTPUT, ADJUSTABLE CANDELA RATING, FACTORY SET AT 75CD, UNLESS NOTED OTHERWISE, AS MANUFACTURED BY COOPER-WHEELOCK "C" – DENOTES CEILING MOUNTED DEVICE WITH 360° LENS
V TP	TAMPERPROOF FIRE ALARM ADA COMPATIBLE, WALL MOUNTED STROBE UNIT ADJUSTABLE CANDELA RATING, FACTORY SET AT 15cd, AS MANUFACTURED BY COOPER-WHEELOCK
S D	FIRE ALARM SMOKE DETECTOR, CEILING MOUNTED UNLESS NOTED OTHERWISE. "D" – DENOTES DUCT SMOKE DETECTOR "HT" – DENOTES SMOKE/ HEAT DETECTOR COMBINATION UNIT "S" – DENOTES SINGLE STATION SMOKE DETECTOR WITH INTEGRAL AUDIBLE SIGNALS
	FIRE ALARM REMOTE LED INDICATOR
RTS	FIRE ALARM REMOTE TEST STATION
H	FIRE ALARM HEAT DETECTOR; CEILING MOUNTED, 135° FIXED TEMPERATURE UNLESS NOTED OTHERWISE.
CM	FIRE ALARM CONTROL MODULE
MM	FIRE ALARM MONITORING MODULE
DH	FIRE ALARM ELECTRO-MAGNETIC DOOR HOLDER

"TP" – DENOTES TAMPERPROOF DEVICE, SCREWS

ONE-LINE DIAGRAM LEGEND

CR43A1	PANELBOARD "CR43A1"
T 45KVA K-13	DRY-TYPE TRANSFORMER "45KVA" – DENOTES TRANSFORMER RATING "K-13" – DENOTES K RATING OF TRANSFORMER
	GROUND CONNECTION

PROJECT GENERAL NOTES

1. THIS IS A STANDARD SYMBOL LIST. ALL DEVICE SYMBOLS AND ABBREVIATIONS MAY NOT NECESSARILY APPEAR ON THE FLOOR PLANS OR DETAIL SHEET. ONLY THOSE SYMBOLS INDICATED ON THE FLOORS PLANS ARE USED AND OTHERS SHOULD BE DISREGARDED.

2. THE CONTRACTOR SHALL FURNISH LABOR, MATERIALS, TOOLS AND OTHER EQUIPMENT REQUIRED TO INSTALL THE WORK SHOWN AND SPECIFIED. THE CONTRACTOR SHALL FURNISH AND INSTALL ITEMS NECESSARY FOR A COMPLETE ELECTRICAL SYSTEM. MATERIALS SHALL BE NEW AND SHALL BEAR THE REGISTERED UL MARK. WORK SHALL CONFORM WITH THE NATIONAL FIRE PROTECTION ASSOCIATION STANDARD 70 (NEC), THE NATIONAL ELECTRICAL CODE (NEC), AND APPLICABLE FEDERAL, STATE AND LOCAL CODES. CONTRACTOR SHALL SECURE PERMITS AND PAY THE FEES REQUIRED TO CARRY OUT HIS WORK. THE CONTRACTOR SHALL FURNISH COPIES OF CERTIFICATES AND PERMITS TO THE ARCHITECT.

3. THE DRAWINGS AND SPECIFICATIONS INDICATE THE INTENT OF THE DESIGN AND SHALL BE CONSIDERED AS DIAGRAMMATIC ONLY. EXACT LOCATIONS FOR OUTLETS AND EQUIPMENT SHALL BE DETERMINED AT THE SITE AS WORK PROGRESSES. DIMENSIONS AND CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE. FINAL WORK SHALL BE DOCUMENTED ON AS BUILT RECORD DRAWINGS.

4. PIPING, CONDUITS AND EQUIPMENT OF ALL TRADES SHALL BE PROPERLY COORDINATED AND SET TO MAINTAIN THE CLEARANCES REQUIRED BY APPLICABLE FEDERAL, STATE AND LOCAL CODES.

5. CONDUIT RUNS CROSSING EXPANSION JOINTS SHALL HAVE EXPANSION OR EXPANSION DEFLECTION TYPE FITTINGS AS REQUIRED. VERIFY EXISTING JOINTS BY FIELD MEASUREMENTS.

6. OUTDOOR ELECTRICAL EQUIPMENT SHALL BE NEMA 3R TYPE, UNLESS OTHERWISE NOTED. EXTERIOR RECEPTACLES SHALL BE MOUNTED AT 24"A.F.G. (MINIMUM) UNLESS OTHERWISE NOTED.

7. RACEWAYS AND CABLE SHALL BE RUN CONCEALED IN FINISHED SPACES UNLESS OTHERWISE NOTED.

8. PANELBOARDS AND SWITCHBOARDS SHALL BE PROVIDED WITH DEDICATED SPACE EXTENDING FROM THE FLOOR TO THE STRUCTURAL CEILING WITH A WIDTH AND DEPTH THAT OF THE EQUIPMENT, INCLUDING ANY ADDITIONAL SPACE DESCRIBED IN OF THE NEC. NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO THE ELECTRICAL EQUIPMENT OR ARCHITECTURAL APPURTENANCES SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THROUGH SUCH SPACE.

9. WIRING DEVICES SHALL BE MOUNTED IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF THE ARCHITECTURAL BARRIERS BOARD.

10. PANELBOARD SHALL BE MOUNTED SO THAT THE DISTANCE FROM THE TOP CIRCUIT BREAKER OPERATING HANDLE TO THE FLOOR SHALL NOT EXCEED 6'-6".

11. ALL RECEPTACLES INSTALLED IN UNFINISHED AREAS SHALL BE GFI TYPE, MOUNTED 4'-0" ABOVE FINISHED FLOOR.

12. EXIT SIGNS AND EMERGENCY LIGHTING UNITS SHALL BE UNSWITCHED.

13. ALL BRANCH CIRCUITS (LIGHTING AND POWER) SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR. COMMON NEUTRALS WILL NOT BE ALLOWED.

14. RECEPTACLES, SWITCHES, LIGHTING FIXTURES, SMOKE DETECTORS, ETC. INDICATE QUANTITY, EXACT LOCATIONS OF DEVICES SHALL BE DETERMINED IN THE FIELD AND COORDINATE WITH ARCHITECTURAL DRAWINGS.

15. MOUNTING HEIGHTS SHALL BE AS INDICATED ON MOUNTING HEIGHT DETAIL.

16. CONTRACTOR SHALL VERIFY ALL DOORS SWINGS BEFORE INSTALLING SWITCH BOXES.

17. FOR EXACT LOCATION OF LIGHTING FIXTURES SEE REFLECTED CEILING PLAN DRAWINGS. FOR MOUNTING HEIGHT OF UNDER-COUNTER LIGHTING FIXTURES AND OTHER TASK LIGHTING, REFER TO ARCHITECTURAL ELEVATION DRAWINGS.

18. ELECTRICAL CONTRACTOR IS TO COORDINATE THE EXACT LOCATION OF LIGHTING FIXTURES IN MECHANICAL AND STORAGE AREAS WITH OTHER TRADES.

19. FOR EXACT LOCATION OF MECHANICAL EQUIPMENT (AC UNITS, FANS, PUMPS, ETC.) REFER TO RESPECTIVE TRADES DRAWINGS. FOR ELECTRICAL INFORMATION, REFER TO MEP COORDINATION SCHEDULE.

20. CURRENT CARRYING MATERIAL USED SHALL BE COPPER, INCLUDING PANELBOARD BUS MATERIALS AND TRANSFORMER WINDINGS.

21. FURNISH GROUNDING/ BONDING BUSHINGS ONTO ALL CONDUIT ENTERING/ LEAVING BOXES.

22. ALL GROUND CONDUCTORS SHALL BE GREEN, ISOLATED GROUND CONDUCTORS SHALL BE GREEN/ YELLOW STRIPPED, AND NEUTRAL CONDUCTORS SHALL BE WHITE.

23. UNLESS NOTED OTHERWISE, ALL DATA AND TELEPHONE CABLING IS BY THIS CONTRACTOR. ELECTRICAL DRAWINGS INDICATE TEL/DATA OUTLET DEVICES AND WIRING. COORDINATE DEVICE COLOR AND LABELING WITH OWNER/HSOPITAL PRIOR TO INSTALLATION.

24. UNLESS NOTED OTHERWISE, ALL SECURITY DEVICES AND CABLING IS BY OTHERS. ELECTRICAL DRAWINGS PROVIDE RACEWAY SYSTEMS ONLY AND INDICATE SECURITY OUTLET CONFIGURATIONS FOR REFERENCE ONLY. TERMINATE SECURITY RACEWAYS WITHIN 6" OF CABLE TRAY.

25. NO HORIZONTAL RUNS OF CABLING ALLOWED IN WALLS.

COMMUNICATIONS LEGEND

C	INFORMATION TECHNOLOGY (IT) OUTLET DEVICE WITH 4 PORT MODULAR FACE PLATE AND 4 CAT 5 CABLES – MOUNTED 18" AFF, UNLESS NOTED OTHERWISE. "C" – DENOTES MOUNTED 6" ABOVE WORK SURFACE "H" – DENOTES MOUNTED HIGH ON WALL COORDINATE HEIGHT WITH ARCHITECT "W" – DENOTES MOUNTED 5'-0" AFF
	CEILING MOUNTED NFORMATION TECHNOLOGY OUTLET DEVICE WITH 4 PORT MODULAR FACE PLATE AND 4 CAT6 CABLES
	FLOOR BOX – INFORMATION TECHNOLOGY (IT) OUTLET DEVICE WITH 4 PORT MODULAR FACE PLATE AND 4 CAT6 CABLES
	FLOOR MOUNTED TWO GANG DEVICE WITH NEMA 5-20R DUPLEX RECEPTACLE WITH 4 PORT MODULAR FACE PLATE. BASE WORK FOR FLOOR BOXES ENTAILS A POKE-THRU WITH A CONDUIT AND WIRING EACH FOR POWER AND TELEDATA FROM THE POKE-THRU LOCATION ALONG THE UNDERSIDE OF SLAB ON THE FLOOR BELOW OVER TO THE CLOSEST WALL IN THIS SCOPE OF WORK CORE BACK UP THROUGH THE SLAB UP INTO THE WALL CAVITY AND TERMINATING WITH 90 DEGREE BEND POINTING TOWARDS THE TELEDATA RACK AND A BELL END BUSHING FOR THE TELEDATA WIRING AND THE CONDUIT FOR THE POWER SHALL CONTINUE ON TO THE ASSOCIATED PANEL'S LOCATION. "PT" – DENOTES 2 HOUR FIRE RATED POKE-THROUGH TYPICAL WIRING DESIGNATIONS: 1/3 – DENOTES 1 COAX CABLE AND 3 CAT6 CABLES
	3/4" THICK x 8'-0" HIGH x LENGTH AS INDICATED ON THE DRAWINGS PLYWOOD. PLYWOOD SHALL BE PAINTED GRAY AND MOUNTED TO WALL.
TV	TELEVISION OUTLET – MOUNTED 18" AFF, UNLESS NOTED OTHERWISE

REFER TO SPECIFICATION FOR ADDITIONAL WIRING INFORMATION.

DEMOLITION GENERAL NOTES

1. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE FULL EXTENT OF THE SCOPE OF DEMOLITION. DISCONNECT AND MAKE SAFE ALL ELECTRICAL EQUIPMENT IDENTIFIED FOR REMOVAL ON THE ARCHITECTURAL, HVAC, PLUMBING AND FIRE PROTECTION PLANS. THE ELECTRICAL SCOPE MAY EXTEND BEYOND THE AREA DEFINED BY THE ARCHITECTURAL DEMOLITION LIMITS TO FULLY COMPLY WITH THE VARIOUS REQUIREMENTS DEFINED BY THESE NOTES.

2. THE ELECTRICAL DEMOLITION PLANS INDICATE THE GENERAL INTENT AND ARE NOT INTENDED TO SHOW ALL COMPONENTS AND ITEMS TO BE REMOVED OR RETAINED. THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMISSION OF THIER BID TO BECOME FAMILIAR WITH THE ACTUAL WORKING CONDITIONS AND EXTENT OF WORK. DEVICES AND EQUIPMENT LOCATED ON WALLS AND/OR CEILINGS DESIGNATED TO BE REMOVED SHALL BE DISCONNECTED AND MADE SAFE. THE ELECTRICAL CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY UNANTICIPATED OR HIDDEN CONDITIONS ENCOUNTERED DURING DEMOLITION.

3. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF ALL SYSTEMS OR BUILDING COMPONENTS DAMAGED DURING THE EXECUTION OF THE WORK. DAMAGE SHALL INCLUDE, BUT NOT BE LIMITED TO, THE DESTRUCTION OR DISPOSAL OF ITEMS INTENDED TO REMAIN OR BE SALVAGED.

4. THE ELECTRICAL CONTRACTOR SHALL CIRCUIT TRACE AND LABEL ALL EXISTING BRANCH CIRCUITS AND FEEDERS WITHIN OR ASSOCIATED WITH THE AREA OF DEMOLITION SCOPE PRIOR TO DE-ENERGIZING AND DISCONNECTION. ALL CIRCUITS WITHIN PANELBOARDS IDENTIFIED FOR REMOAVAL SHALL BE TRACED AND LABELLED TO ENSURE THAT NO AREA OUTSIDE THE DEMOLITION SCOPE LIMIT IS AFFECTED.

5. THE ELECTRICAL CONTRACTOR SHALL IDENTIFY ALL BRANCH CIRCUITS, FEEDERS AND SYSTEM COMPONENTS WHICH ARE TO REMAIN WITHIN THE AREA OF DEMOLITION SCOPE. THERE SHALL BE NO INTERRUPTION OF SERVICE TO ANY AREA OUTSIDE THE SCOPE LIMITS WITHOUT APPROVAL FROM THE OWNER'S REPRESENTATIVE. EXISTING EQUIPMENT TO REMAIN SHALL BE LEFT IN A CODE COMPLIANT CONDITION.

6. THE ELECTRICAL CONTRACTOR SHALL DE-ENERGIZE AND REMOVE ALL CONDUCTORS AND RACEWAYS TO THIER POINTS OF ORIGIN WITHIN THE AREA OF DEMOLITION SCOPE. ITEMS IDENTIFIED FOR DEMOLITION SHALL NOT BE ABANDONED IN PLACE. RACEWAYS THAT ENTER MASONRY WALLS AND FLOORS SHALL BE CUT FLUSH AT THE SURFACE FOR PATCHING BY OTHERS. ALL CIRCUIT BREAKERS ASSOCIATED WITH THE DEMOLITION SHALL BE DE-ENERGIZED AND LABELED SPARE.

7. THE ELECTRICAL CONTRACTOR SHALL TEMPORARILY SUPPORT ALL ITEMS TO REMAIN THAT ARE AFFECTED BY THE DEMOLITION OF BUILDING STRUCTURAL COMPONENTS (WALLS, CEILINGS, ETC.). TEMPORARILY SUPPORTED ITEMS SHALL BE PERMANENTLY SUPPORTED AND INSTALLED WHEN FINALIZED STRUCTURES ARE IN PLACE.

8. ALL REMOVED ITEMS SHALL BE LEGALLY DISPOSED OF UNLESS IDENTIFIED FOR REUSE. THE OWNER'S REPRESENTATIVE SHALL INSPECT ALL RETAINED ITEMS PRIOR TO PLACEMENT IN THE INDENTIFIED STORAGE LOCATION BY THE ELECTRICAL CONTRACTOR.

9. THE EXISTING FIRE ALARM SYSTEM SHALL REMAIN FULLY FUNCTIONAL DURING THE ENTIRE DEMOLITION AND CONSTRUCTION PERIOD. REUSE OF EXISTING FIRE ALARM RACEWAYS SHALL NOT BE ALLOWED. ALL REQUIRED SYSTEM SHUTDOWNS SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE AND THE AUTHORITY HAVING JURISDICTION. DEMOLITION OF THE EXISITING SYSTEM SHALL NOT COMMENCE UNTIL THE NEW SYSTEM HAS BEEN COMPLETELY INSTALLED, TESTED AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.

10. ALL DEMOLITION SCOPE ASSOCIATED WITH LOW VOLTAGE SYSTEMS INCLUDING BUT NOT LIMITED TO TELEPHONE, DATA, SECURITY, PAGING, CCTV, ETC. SHALL BE INCLUDED IN THIS CONTRACT.

11. REMOVED FLUORESCENT AND HID LAMPS AND BATTERIES SHALL BE RECYCLED BY A FACILITY APPROVED BY THE OWNER'S REPRESENTATIVE. A UNIFORM HAZARDOUS WASTE MANIFEST SHALL BE PREPARED FOR ALL DISPOSALS AND RETURNED WITH ALL APPLICABLE SIGNFFS PRIOR TO APPLICATION FOR FINAL PAYMENT.

12. ALL BALLASTS IN LIGHTING FIXTURES TO BE DISPOSED SHALL BE VERIFIED TO BE PCB FREE. ALL BALLASTS MANUFACTURED PRIOR TO 1979 AND NOT LABELED AS PCB FREE SHALL BE CONSIDERED TO CONTAIN PCBs. PROVIDE WRITTEN REPRESENTATION TO THE OWNER'S REPRESENTATIVE THAT CONFIRMS PCB FREE WASTE. WHERE PCB FREE WASTE CANNOT BE VERIFIED, BALLASTS SHALL BE RECYCLED BY A FACILITY APPROVED BY THE OWNER'S REPRESENTATIVE, WITH PCB COMPONENTS ELIMINATED BY A HIGH TEMPERATURE INCINERATION. A UNIFORM HAZARDOUS WASTE MANIFEST SHALL BE PREPARED FOR ALL DISPOSALS AND RETURNED WITH ALL APPLICABLE SIGNOFFS PRIOR TO APPLICATION FOR FINAL PAYMENT. ALL HANDLING SHALL CONFORM TO EPA REQUIREMENTS. PROVIDE BREAKOUT COST FOR THIS SCOPE.

NURSE CALL SYSTEM LEGEND

NT — NURSE CALL
"T"– DENOTES TOILET/ DRESSING ROOM STATION LOCATION, WALL MOUNTED DEVICE WITH PULLCORD.
"S"– DENOTES SHOWER STATION LOCATION, WALL MOUNTED DEVICE WITH PULLCORD.
"PB"– DENOTES PATIENT BED STATION LOCATION
"DS"– DENOTES DUTY STATION LOCATION
"SA"– DENOTES NURSE CALL STAFF ASSIST STATION LOCATION
"CB"– DENOTES CODE BLUE STATION LOCATION
"EC"– DENOTES NURSE CALL EQUIPMENT CABINET
"MSM"– DENOTES NURSE CALL MASTER STATION MASTER HEAD END LOCATION WITH HAND-SET FOR PAGING CAPABILITY
"MSS"– DENOTES NURSE CALL MASTER STATION SLAVE LOCATION WITH
"A"– DENOTES NURSE CALL ANNUNCIATOR STATION LOCATION
"CBA"– DENOTES CODE BLUE ANNUNCIATOR LOCATION

CB — DOME LIGHT LOCATION – CEILING OR WALL AS DIRECTED BY ARCHITECT OR HOSPITAL PERSONNEL
"CB"– DENOTES CODE BLUE DOME LIGHT
"Z"– DENOTES ZONE DOME LIGHT

"TP" – DENOTES TAMPERPROOF DEVICE, SCREWS

PROVIDE 3-GANG BOX WITH PLASTER RING AND AN EMPTY 3/4"C WITH PULLSTRING TO ABOVE FINISHED CEILING. TERMINATE WITH END OF CONDUIT BUSHING. NURSECALL DEVICES AND WIRING BY ELECTRICAL CONTRACTOR, COORDINATE EXACT REQUIREMENTS WITH HOSPITAL PERSONNEL

DRAWING NOTES & DESIGNATIONS

- KEYED DRAWING NOTE MARKER
- FEEDER AND/ OR BRANCH CIRCUIT NUMBER
- DETAIL MARKER
  - "1" – DENOTES DETAIL NUMBER
  - "E-1" – DENOTES DRAWING NUMBER
- HVAC EQUIPMENT MARKER
  - "AC" – DENOTES EQUIPMENT TYPE
  - "1" – DENOTES EQUIPMENT NUMBER
- PARTIAL PLAN TITLE MARKER
- DRAWING REVISION MARKER
- SECTION MARKER "A" – DENOTES SECTION REFERENCE

ABBREVIATIONS

A	AMPERES	JB	JUNCTION BOX
ACT	ACOUSTICAL CEILING TILE	KAIC	THOUSAND AMPERES INTERRUPTING CAPACITY
AF	AMPERE FRAME	KCMIL	THOUSAND CIRCULAR MILS
AFCI	ARC-FAULT CIRCUIT INTERRUPTER	KEC	KITCHEN EQUIPMENT CONTRACTOR
AFF	ABOVE FINISHED FLOOR	KV	KILOVOLTS
AFG	ABOVE FINISHED GRADE	kVA	KILOVOLT AMPERES
AIC	AMPERE INTERRUPTING CAPACITY	kVAR	KILOVOLT AMPERES REACTIVE
AL	ALUMINUM	kW	KILOWATTS
ANN	ANNUNCIATOR	kWH	KILOWATTS HOURS
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	LTG	LIGHTING
ARCH	ARCHITECT	MAX	MAXIMUM
AT	AMPERE TRIP	MC	METAL CLAD CABLE
ATC	AUTOMATIC TEMPERATURE CONTROL	MCB	MAIN CIRCUIT BREAKER
ATS	AUTOMATIC TRANSFER SWITCH	MCC	MOTOR CONTROL CENTER
AWG	AMERICAN WIRE GAUGE	MCP	MOTOR CIRCUIT PROTECTOR
BLDG	BUILDING	MCSW	MOLDED CASE SWITCH
BOND	BONDING JUMPER	MDP	MAIN DISTRIBUTION PANEL
BR	BRANCH	MEC	MASSACHUSETTS ELECTRICAL CODE
C	CONDUIT – RACEWAY	MECH	MECHANICAL
CAT	CATALOG	MIN	MINIMUM
CB	CIRCUIT BREAKER	MISC	MISCELLANEOUS
cd	CANDELA	MOUNTED	MOUNTED
CKT	CIRCUIT	MTG	MOUNTING
CMS	CABLE MANAGEMENT SYSTEM	MV	MEDIUM VOLTAGE
CLG	CEILING	MLO	MAIN LUGS ONLY
COL	COLUMN	N	NEUTRAL (GROUNDED CONDUCTOR)
CMU	CONCRETE MASONRY UNIT	NA	NOT APPLICABLE
CT	CURRENT TRANSFORMER OR CABLE TRAY	NC	NORMALLY CLOSED
CU	COPPER	NEC	NATIONAL ELECTRICAL CODE
CWS	CONDUIT WALL SEAL	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
DETD	DUAL ELEMENT TIME DELAY	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
DIA	DIAMETER	NIC	NOT IN CONTRACT
DP	DISTRIBUTION PANEL	NL	NIGHT LIGHT
DWG	DRAWING	NO	NORMALLY OPEN
EA	EACH	NTS	NOT TO SCALE
EC	ELECTRICAL CONTRACTOR	OCPD	OVER CURRENT PROTECTION DEVICE
EGC	EQUIPMENT GROUND CONDUCTOR	PH	PHASE
ELEC	ELECTRICAL	PNL	PANEL
ELEV	ELEVATOR	PNLBD	PANEL BOARD
EM	EMERGENCY	POS	PROVIDED UNDER OTHER SECTIONS
EMS	ENERGY MANAGEMENT SYSTEM	PT	POTENTIAL TRANSFORMER
EMT	ELECTRICAL METALLIC TUBING	PVC	POLYVINYL CHLORIDE, SCHED 40 RNC RACEWAY UNO
EO	ELECTRICALLY OPERATED	PWR	POWER
EQUIP	EQUIPMENT	RGS	GALVANIZED RIGID STEEL CONDUIT
EWC	ELECTRIC WATER COOLER	RMC	RIGID METAL CONDUIT
EXP	EXPLOSION PROOF	RNC	RIGID NON-METAL CONDUIT
FA	FIRE ALARM	RSC	RIGID STEEL CONDUIT
FAA	FIRE ALARM ANNUNCIATOR	SATS	STANDBY AUTOMATIC TRANSFER SWITCH
FLUOR	FLUORESCENT	SE	SERVICE ENTRANCE
FMS	FACILITIES MANAGEMENT SYSTEM	SP	SPARE
FT	FEET	SW	SWITCH
FU	FUSE	SWBD	SWITCHBOARD
G	GROUND	SWGR	SWITCH GEAR
GA	GAUGE	TEL	TELEPHONE
GC	GENERAL CONTRACTOR	TL	TWIST LOCK
GEN	GENERATOR	TP	TWISTED PAIR
GF	GROUND FAULT	TRANS	TRANSFORMER
GFI	GROUND FAULT INTERRUPTER	TSP	TWISTED SHIELDED PAIR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	UG	UNDERGROUND OR UNDER GRADE
GND	GROUND	UL	UNDERWRITER'S LABORATORIES
GWB	GYPSUM WALL BOARD	UNO	UNLESS NOTED OTHERWISE
HID	HIGH INTENSITY DISCHARGE	V	VOLT
HOA	HAND-OFF-AUTO	W/	WITH
HP	HORSE POWER	W	WIRE
HR	HOUR	WP	WEATHERPROOF
HTR	HEATER	℄	CENTERLINE
HVAC	HEATING, VENTILATION & AIR CONDITIONING	Δ	DELTA
HZ	HERTZ	Y	WYE
IC	INTERRUPTING CAPACITY		
INC	INCANDESCENT		
IMC	INTERMEDIATE METAL CONDUIT		

SECURITY SYSTEMS LEGEND

CR	CARD READER LOCATION
DB	DURESS BUTTON LOCATION
DS	DOOR SWITCH/ CONTACT CONNECTION/ LOCATION
DR	DOOR CONTROL PUSHBUTTON LOCATION
KP	KEY PAD LOCATION
MD	MOTION DETECTOR LOCATION
S	CEILING MOUNTED P/A SYSTEM SPEAKER
I	INTERCOM LOCATION COORDINATE EXACT REQUIREMENTS AND WIRING WITH HOSPITAL AND SECURITY VENDOR PRIOR TO INSTALLATION
KS	KEY SWITCH LOCATION
J	SECURITY JUNCTION BOX LOCATION PROVIDE 2-GANG BACK BOX WITH 1/2" EMPTY FLEXIBLE CONDUIT TO UPPER HINGE POCKET LOCATION. POWER FOR DEVICES PROVIDED VIA LOW TENSION CABLING, COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT VENDOR.

SYMBOLOGY INDICATES DEVICE LOCATION ONLY. PROVIDE 1-GANG BACK BOX (UNLESS OTHERWISE NOTED) WITH 3/4" EMPTY CONDUIT RUN TO ABOVE FINISHED CEILING. TERMINATE WITH END CAP BUSHING.

DRAWING LIST

True North

MorrisSwitzer
Environments for Health

Williston, Vermont
Boston, Massachusetts
Portland, Maine

One Dana Street
Portland, ME 04101
t 207.773.8841
f 207.773.8840
morrisswitzer.com

STATE OF MAINE
JAMES M. CONWAY
No. 10085
LICENSED PROFESSIONAL ENGINEER

Seals

BECKER
structural engineers, inc.
75 York Street
Portland, ME 04101-4701
info@beckerstructural.com
Tel 207-879-1838
Fax 207-879-1822
www.beckerstructural.com

Consultant

MECHANICAL / ELECTRICAL ENGINEERS
FITZEMEYER & TOCCI ASSOCIATES, INC.
92 Montvale Ave, Suite 4100
Stoneham, MA 02180
Tel: 781-481-0210
Fax: 781-481-0203
email: info@f-t.com
www.f-t.com
Project No.: 09018.00

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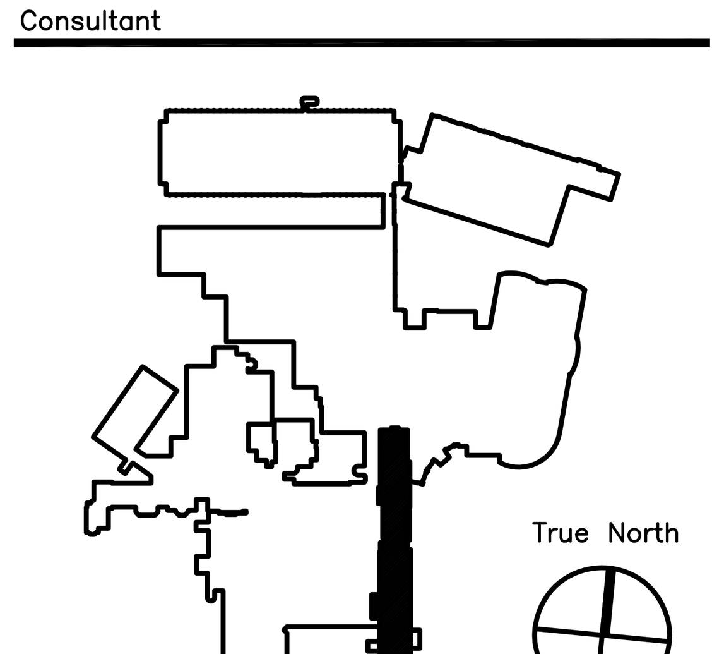


Key Plan N.T.S.

True North

Revision	Date	No
ADDENDUM#1	12/4/09	1

Maine Medical Center
Portland, Maine

MAINE MEDICAL CENTER

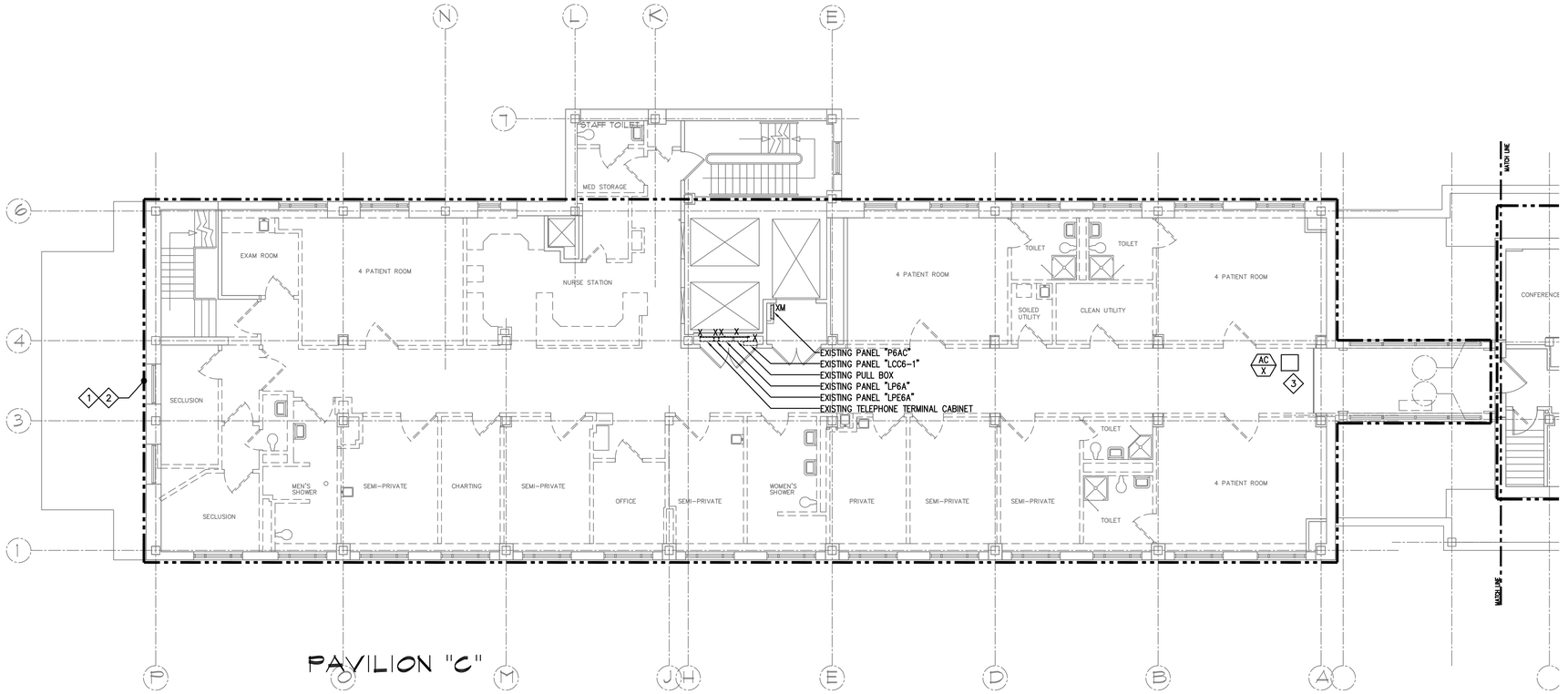
PAVILION 6 RENOVATIONS

MorrisSwitzer Project Number	28034
Date	11/19/09
Scale	NOT TO SCALE

Sheet Title and Number

SIXTH FLOOR PAVILIONS "A" & "C" ELECTRICAL LEGEND AND NOTES

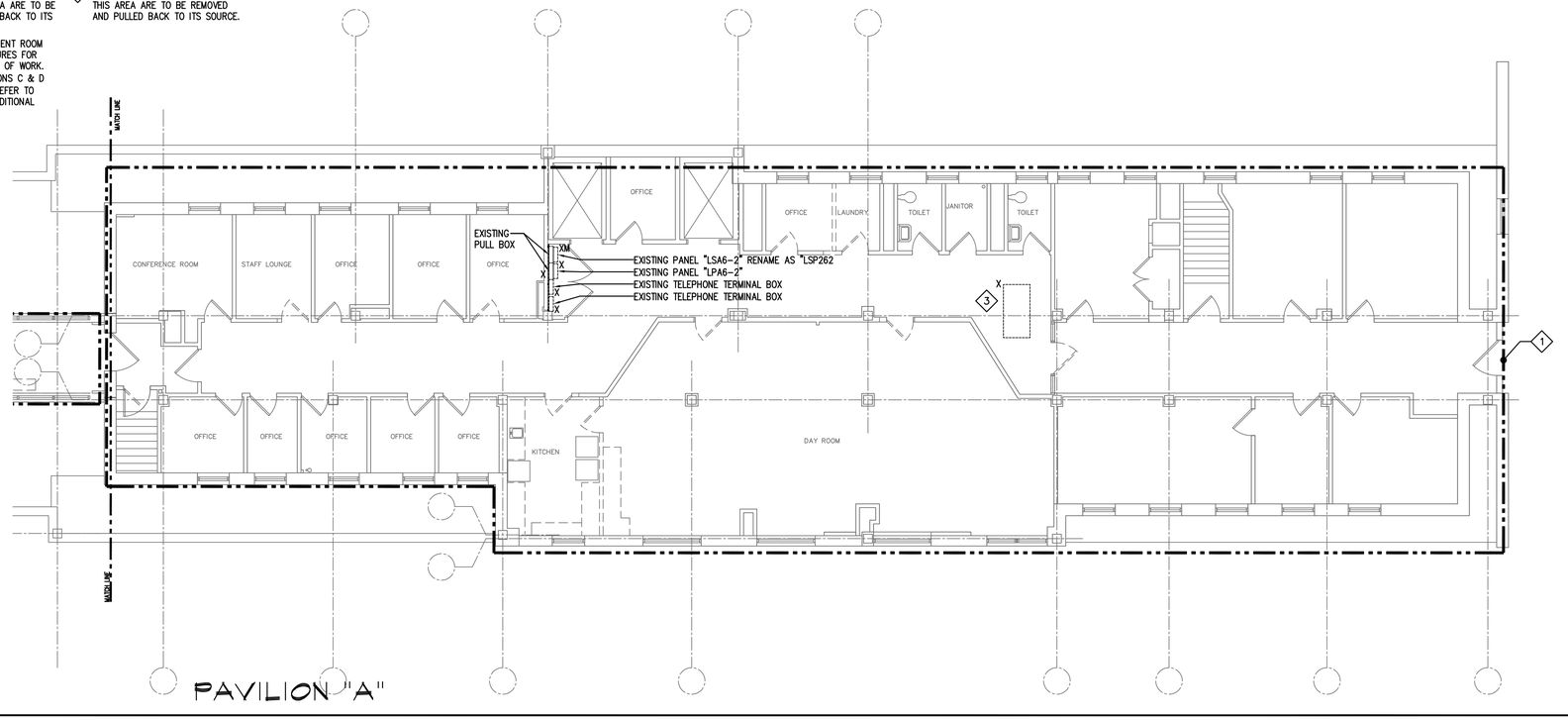
3E0.0



PAVILION "C"

NOTES:

1. ALL EXISTING DEVICES, LIGHTING SWITHCING AND ASSOCIATED BRANCH CIRCUITRY IIN THIS AREA ARE TO BE REMOVED AND PULLED BACK TO ITS SOURCE.
2. MAINTAIN EXISTING PATIENT ROOM HEAD WALL LIGHT FIXTURES FOR RE-USE IN THIS SCOPE OF WORK. (SECOND FLOOR PAVILIONS C & D INTERIM OCCUPANCY) REFER TO DRAWING 2E1.0 FOR ADDITIONAL INFORMATION.
3. ALL EXISTING HVAC UNIT AND ASSOCIATED BRANCH CIRCUITRY IIN THIS AREA ARE TO BE REMOVED AND PULLED BACK TO ITS SOURCE.



PAVILION "A"

True North

MorrisSwitzer
Environments for Health

Williston, Vermont
Boston, Massachusetts
Portland, Maine

One Dana Street
Portland, ME 04101
t 207.773.8841
f 207.773.8840

morrisswitzer.com

STATE OF MAINE
JAMES M. CONWAY
No. 10085
LICENSED PROFESSIONAL ENGINEER
MECHANICAL

Seals

BECKER
structural engineers, inc.
75 York Street
Portland, ME 04101-4701
info@beckerstructural.com
Tel 207-879-1838
Fax 207-879-1822
www.beckerstructural.com

Consultant

Mechanical / Electrical Engineers
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Stoneham, MA 02180
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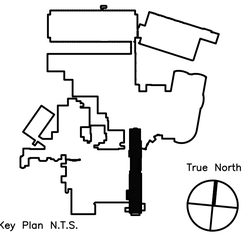

Key Plan N.T.S.

ADDENDUM#1	12/4/09	1
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Maine Medical Center
Portland, Maine

MAINE MEDICAL CENTER

PAVILION 6 RENOVATIONS

MorrisSwitzer Project Number	28034
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Scale	1/8" = 1'-0"
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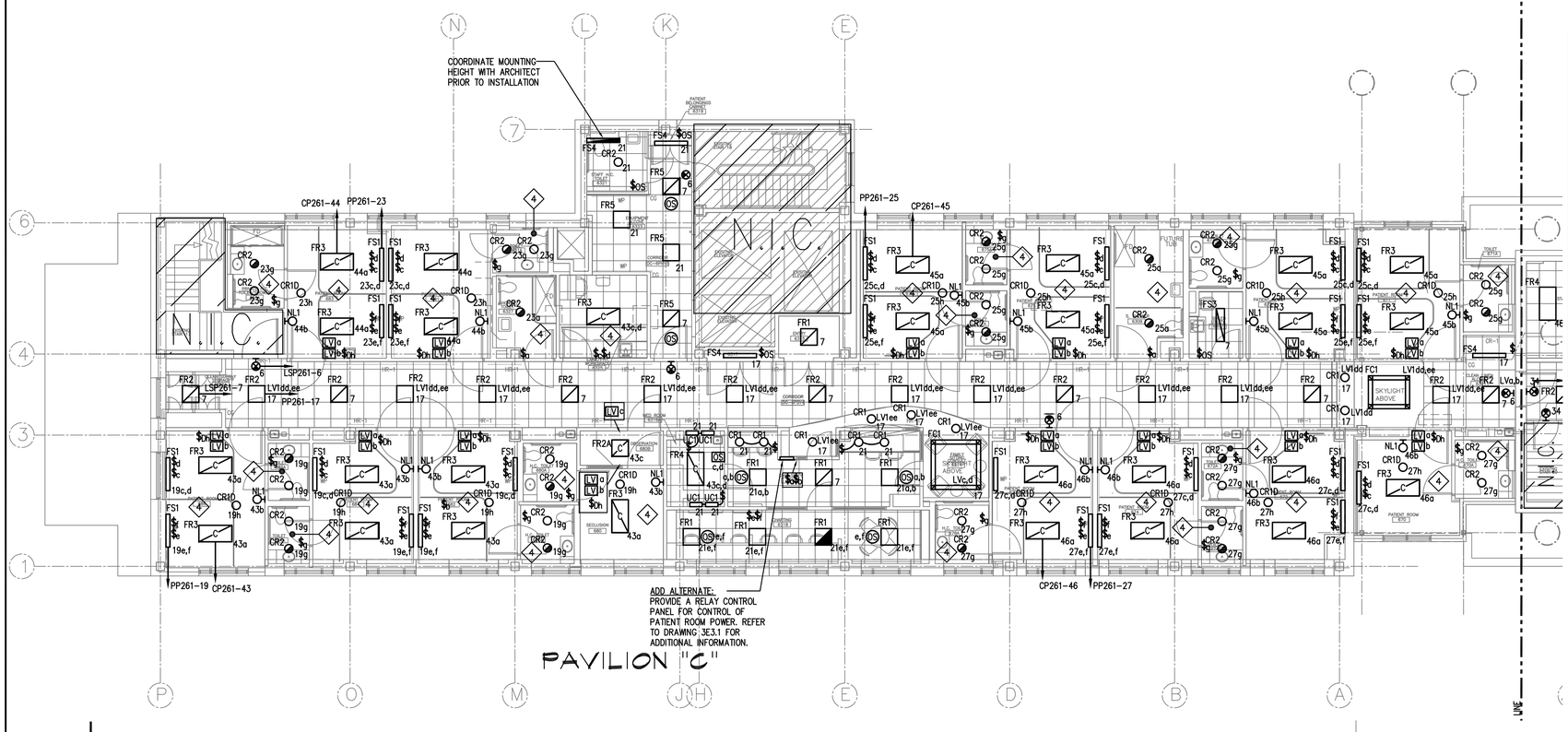
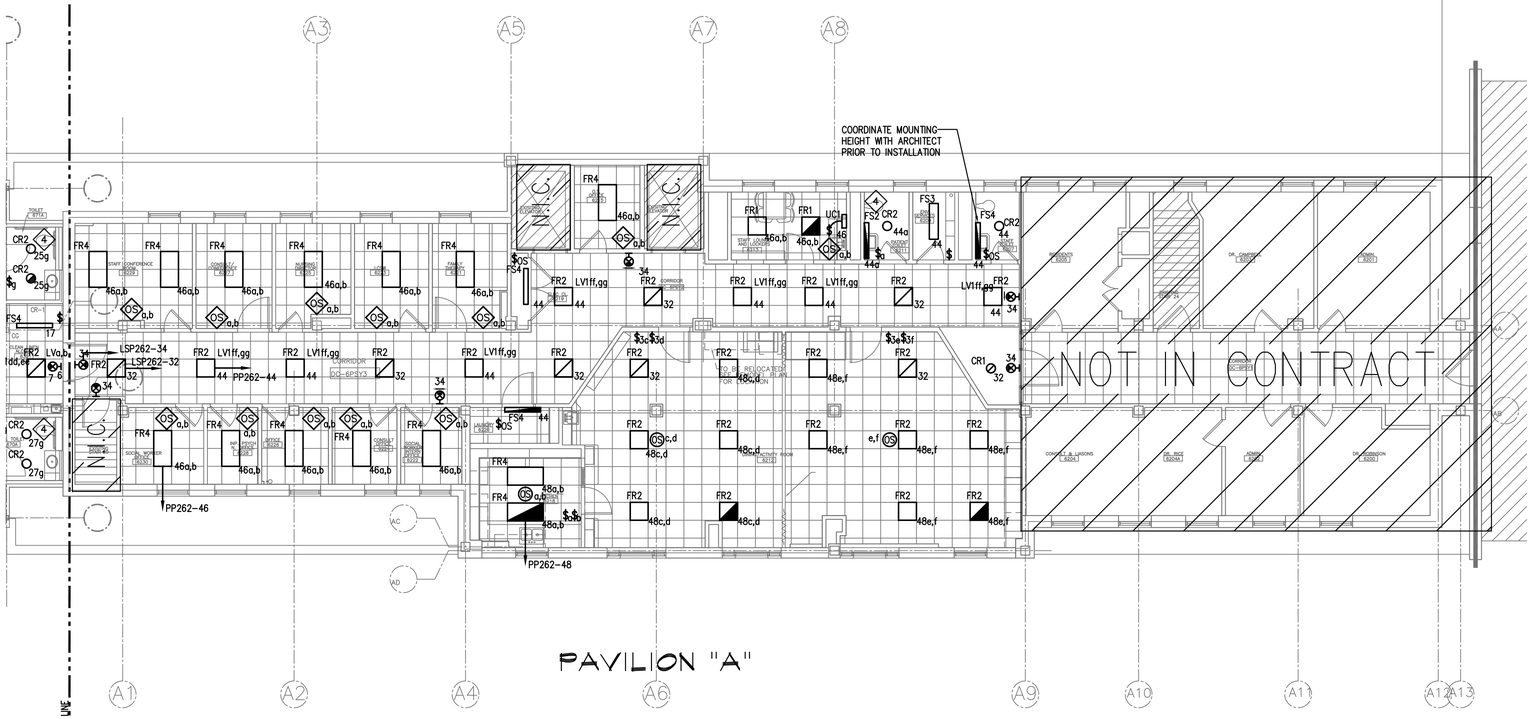
SIXTH FLOOR PAVILIONS "A" & "C" ELECTRICAL DEMOLITION PLAN

3E1.0





LOW VOLTAGE RELAY CONTROL PANEL "LRC1"				
RELAY NUMBER	LOW VOLTAGE SWITCH LEG	LOAD	PANEL	BREAKER
1	a	PATIENT ROOM 670 NORMAL RECEPTACLES	PP261	26
2	b	PATIENT ROOM 670 EMERGENCY RECEPTACLES	CP261	34
3	c	PATIENT ROOM 671 NORMAL RECEPTACLES	PP261	24
4	d	PATIENT ROOM 671 EMERGENCY RECEPTACLES	CP261	32
5	e	PATIENT ROOM 672 NORMAL RECEPTACLES	PP261	22
6	f	PATIENT ROOM 672 EMERGENCY RECEPTACLES	CP261	30
7	g	PATIENT ROOM 673 NORMAL RECEPTACLES	PP261	20
8	h	PATIENT ROOM 673 EMERGENCY RECEPTACLES	CP261	28
9	j	PATIENT ROOM 674 NORMAL RECEPTACLES	PP261	18
10	k	PATIENT ROOM 674 EMERGENCY RECEPTACLES	CP261	33
11	l	PATIENT ROOM 675 NORMAL RECEPTACLES	PP261	16
12	m	PATIENT ROOM 675 EMERGENCY RECEPTACLES	CP261	31
13	n	PATIENT ROOM 676 NORMAL RECEPTACLES	PP261	14
14	p	PATIENT ROOM 676 EMERGENCY RECEPTACLES	CP261	29
15	q	PATIENT ROOM 677 NORMAL RECEPTACLES	PP261	12
16	r	PATIENT ROOM 677 EMERGENCY RECEPTACLES	CP261	27
17	t	PATIENT ROOM 681 NORMAL RECEPTACLES	PP261	8
18	u	PATIENT ROOM 681 EMERGENCY RECEPTACLES	CP261	7
19	v	PATIENT ROOM 682 NORMAL RECEPTACLES	PP261	10
20	w	PATIENT ROOM 682 EMERGENCY RECEPTACLES	CP261	9
21	x	PATIENT ROOM 683 NORMAL RECEPTACLES	PP261	4
22	y	PATIENT ROOM 683 EMERGENCY RECEPTACLES	CP261	3
23	z	PATIENT ROOM 684 NORMAL RECEPTACLES	PP261	6
24	aa	PATIENT ROOM 684 EMERGENCY RECEPTACLES	CP261	5
25	bb	PATIENT ROOM 686 NORMAL RECEPTACLES	PP261	2
26	cc	PATIENT ROOM 686 EMERGENCY RECEPTACLES	CP261	1
27	dd	1956 CORRIDOR LIGHTING	PP261	17
28	ee	1956 CORRIDOR LIGHTING	PP261	17
29	ff	1929 CORRIDOR LIGHTING	PP262	44
30	gg	1929 CORRIDOR LIGHTING	PP262	44
31	hh	SPARE		
32	ii	SPARE		
33	kk	SPARE		
34	ll	SPARE		
35	mm	SPARE		
36	nn	SPARE		
37	pp	SPARE		
38	qq	SPARE		
39	rr	SPARE		
40	tt	SPARE		
41	uu	SPARE		
42	vv	SPARE		

DRAWING NOTES:

1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS, FLOOR PLANS AND ELEVATIONS FOR EXACT LOCATION, QUANTITIES AND MOUNTING OF ALL LIGHTING AND DEVICES
2. LIGHTING MOUNTED ON MILLWORK. COORDINATE EXACT MOUNTING WITH MILLWORK VENDOR PRIOR TO INSTALLATION. REFER TO ARCHITECTURAL FLOOR PLANS AND ELEVATIONS FOR ADDITIONAL INFORMATION
3. PROVIDE CEILING MOUNTED OCCUPANCY SENSORS WITH POWER PACK AS REQUIRED. REFER TO VENDOR WIRING DIAGRAMS FOR ADDITIONAL INFORMATION
4. ALL DEVICES, LIGHTING AND SWITCHING WITHIN PATIENT ROOMS, PATIENT ROOM TOILETS, PUBLIC TOILETS, ETC SHALL BE TAMPER PROOF

True North

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Environments for Health

Williston, Vermont
Boston, Massachusetts
Portland, Maine

One Dana Street
Portland, ME 04101
t 207.773.8841
f 207.773.8840

morrisswitzer.com

Seals

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JAMES M. CONWAY
No. 10085
LICENSED
PROFESSIONAL ENGINEER

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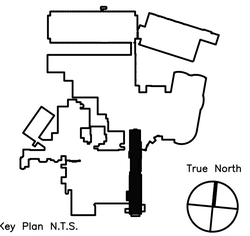

Key Plan N.T.S.

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SIXTH FLOOR PAVILIONS "A" & "C" **ELECTRICAL LIGHTING PLAN**

3E2.0

LOW VOLTAGE RELAY CONTROL PANEL "LRC1"				
RELAY NUMBER	LOW VOLTAGE SWITCH LEG	LOAD	PANEL	BREAKER
1	a	PATIENT ROOM 670 NORMAL RECEPTACLES	PP261	26
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3	c	PATIENT ROOM 671 NORMAL RECEPTACLES	PP261	24
4	d	PATIENT ROOM 671 EMERGENCY RECEPTACLES	PP261	32
5	e	PATIENT ROOM 672 NORMAL RECEPTACLES	PP261	22
6	f	PATIENT ROOM 672 EMERGENCY RECEPTACLES	PP261	30
7	g	PATIENT ROOM 673 NORMAL RECEPTACLES	PP261	20
8	h	PATIENT ROOM 673 EMERGENCY RECEPTACLES	PP261	28
9	j	PATIENT ROOM 674 NORMAL RECEPTACLES	PP261	18
10	k	PATIENT ROOM 674 EMERGENCY RECEPTACLES	PP261	33
11	l	PATIENT ROOM 675 NORMAL RECEPTACLES	PP261	16
12	m	PATIENT ROOM 675 EMERGENCY RECEPTACLES	PP261	31
13	n	PATIENT ROOM 676 NORMAL RECEPTACLES	PP261	14
14	p	PATIENT ROOM 676 EMERGENCY RECEPTACLES	PP261	29
15	q	PATIENT ROOM 677 NORMAL RECEPTACLES	PP261	12
16	r	PATIENT ROOM 677 EMERGENCY RECEPTACLES	PP261	27
17	t	PATIENT ROOM 681 NORMAL RECEPTACLES	PP261	8
18	u	PATIENT ROOM 681 EMERGENCY RECEPTACLES	PP261	7
19	v	PATIENT ROOM 682 NORMAL RECEPTACLES	PP261	10
20	w	PATIENT ROOM 682 EMERGENCY RECEPTACLES	PP261	9
21	x	PATIENT ROOM 683 NORMAL RECEPTACLES	PP261	4
22	y	PATIENT ROOM 683 EMERGENCY RECEPTACLES	PP261	3
23	z	PATIENT ROOM 684 NORMAL RECEPTACLES	PP261	6
24	aa	PATIENT ROOM 684 EMERGENCY RECEPTACLES	PP261	5
25	bb	PATIENT ROOM 686 NORMAL RECEPTACLES	PP261	2
26	cc	PATIENT ROOM 686 EMERGENCY RECEPTACLES	PP261	1
27	dd	1956 CORRIDOR LIGHTING	PP261	17
28	ee	1956 CORRIDOR LIGHTING	PP261	17
29	ff	1929 CORRIDOR LIGHTING	PP262	44
30	gg	1929 CORRIDOR LIGHTING	PP262	44
31	hh	SPARE		
32	jj	SPARE		
33	kk	SPARE		
34	ll	SPARE		
35	mm	SPARE		
36	nn	SPARE		
37	pp	SPARE		
38	qq	SPARE		
39	rr	SPARE		
40	tt	SPARE		
41	uu	SPARE		
42	vv	SPARE		

PAVILION "C"

PAVILION "A"

LOCATED ABOVE ACT CEILING FOR LOW VOLTAGE WIRING (TYPICAL)

EXISTING PANEL "P6AC"

PATIENT ROOM LOW VOLTAGE RELAY STATION

FOR CONNECTION TO WALL MOUNTED CHARTING STATION (TYPICAL FOR 5)

RECEPTACLES IN THIS AREA SHALL BE MOUNTED IN RECESSED LOCKING BOX WITH COVERPLATE SIMILAR TO PASS AND SEYMOUR #4600-46008P OR APPROVED EQUAL (TYPICAL FOR 2)

PLUG MOLD (POWER ONLY) FOR WIRELESS PHONE CHARGERS

FOR P-TUBE

FOR COPIER, COORDINATE RECEPTACLE TYPE WITH EQUIPMENT IN THE FIELD

MOUNTED HIGH ON WALL FOR PLASMA TV

FOR FOLDING DOOR DOOR CONTROLS

REFER TO PARTIAL PLAN ON THIS DRAWING FOR WORK IN THIS AREA

NOT IN CONTRACT

NOTES:

1. CIRCUIT NUMBERS ARE FOR INFORMATION ONLY. CONNECT TO EXISTING SPARE BREAKER IN PANEL INDICATED
2. REFER ARCHITECTURAL FLOOR PLAN AND ELEVATIONS FOR EXACT LOCATION, QUANTITIES AND MOUNTING HEIGHTS
3. LOCATED ABOVE THE CEILING FOR CONNECTION TO MONITORING SYSTEM. COORDINATE EXACT REQUIREMENTS WITH THE SECURITY VENDOR PRIOR TO INSTALLATION.
4. 2-GANG BACKBOX FOR SPEAKER/MICROPHONE WIRING WITH 3/4"C (EMPTY) RUN CONCEALED WITHIN WALL INTO CEILING ABOVE TO MICROPHONE LOCATION. TERMINATE IN SECOND 2-GANG BACKBOX. COORDINATE AND LOCATE ALL EQUIPMENT AS DIRECTED BY SECURITY VENDOR,
5. PROVIDE NEW 4" CONDUIT TO BE INSTALLED FROM P6 DOWN TO THE TELECOM ROOM ON P4CD (ROOM 4.317). LOCATE NEXT TO THE EXISTING PATHWAY DOWN. FIRESTOPPING AND ANY SOFFIT WORK WILL BE PROVIDED BY THE GC.
6. ALL PATIENT ROOMS, COORIDORS AND DINING AND ACTIVITY AREAS SHALL BE PROTECTED VIA GFCI BREAKER IN PANEL INDICATED. REFER TO 3E4.1 FOR ADDTIONAL INFORMATION.

FOR WASHER/DRYER UNIT, COORDINATE RECEPTACLE TYPE WITH EQUIPMENT IN THE FIELD

FOR STOVE, COORDINATE RECEPTACLE TYPE WITH EQUIPMENT IN THE FIELD PP262-43,45 (30A-2P) 2#10,#10G-3/4"C

1 KITCHEN PARTIAL PLAN
SCALE: 1/4" = 1'-0"

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Williston, Vermont
Boston, Massachusetts
Portland, Maine

One Dana Street
Portland, ME 04101
t 207.773.8841
f 207.773.8840

morrisswitzer.com

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STATE OF MAINE
JAMES M. CONWAY
No. 10085
LICENSED
PROFESSIONAL ENGINEER

BECKER
structural engineers, inc.
75 York Street
Portland, ME 04101-4701
info@beckerstructural.com
Tel 207-879-1838
Fax 207-879-1822
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92 Montvale Ave, Suite 4100
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Tel: 781-481-0210
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Key Plan N.T.S.

ADDENDUM#1	12/4/09	1
Revision	Date	No

Maine Medical Center
Portland, Maine

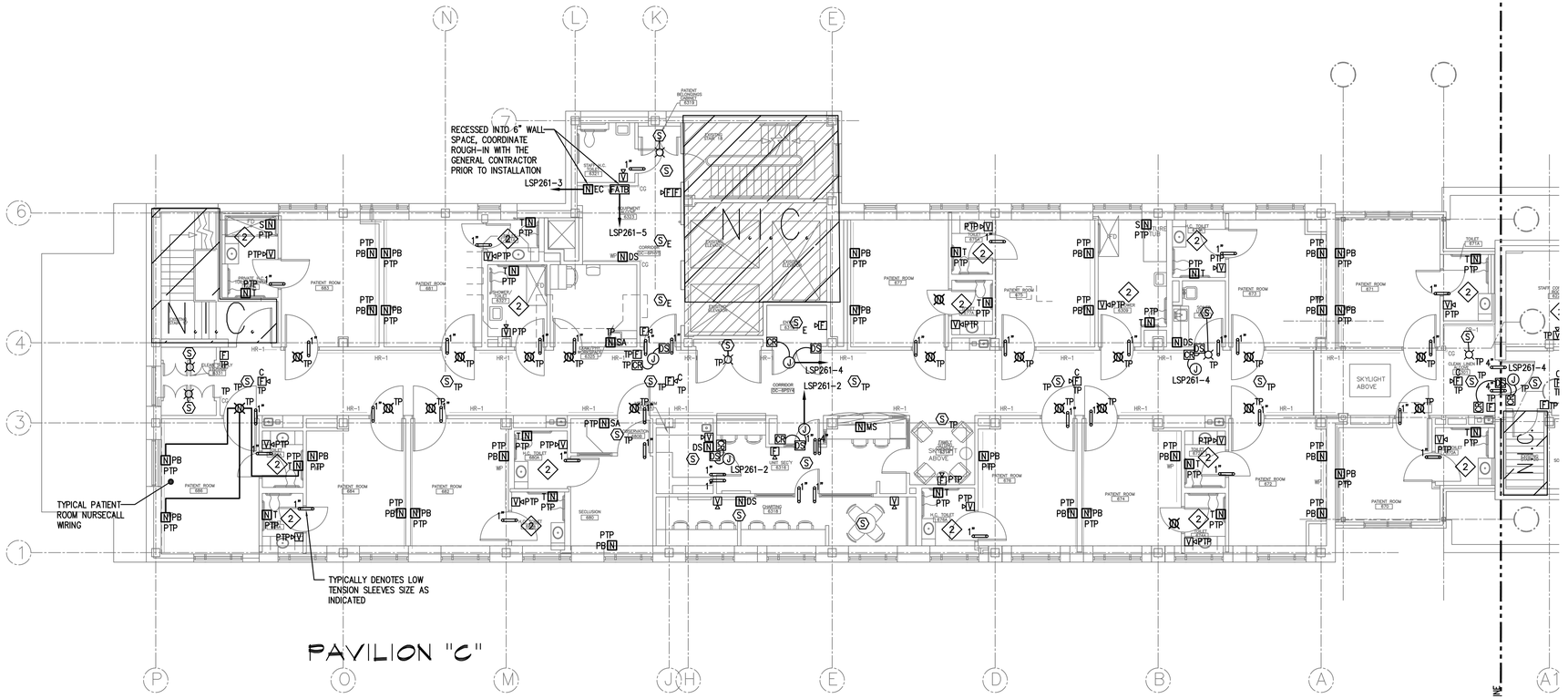
MAINE MEDICAL CENTER

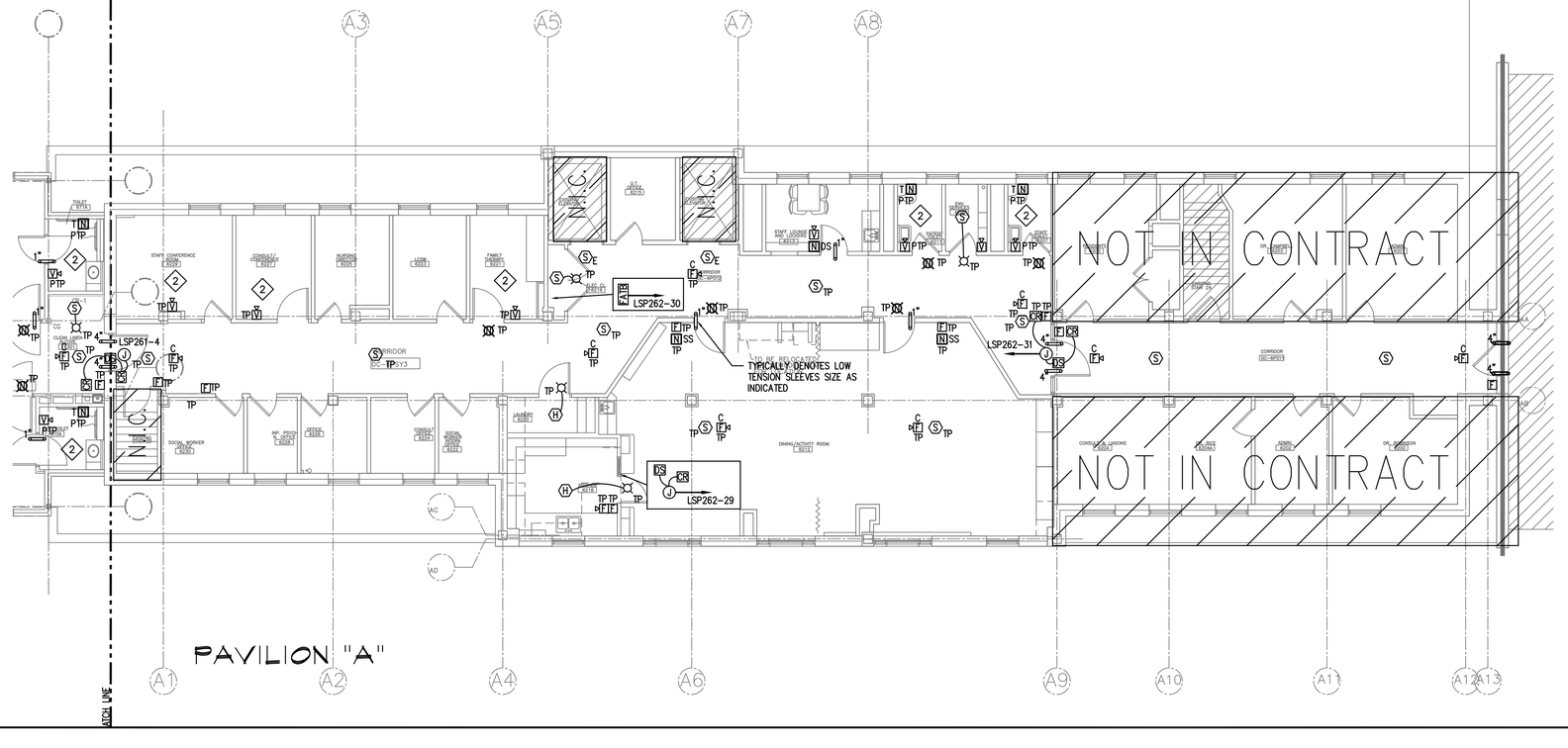
PAVILION 6 RENOVATIONS

MorrisSwitzer Project Number	28034
Date	11/19/09
Scale	1/8" = 1'-0"
Sheet Title and Number	

SIXTH FLOOR PAVILIONS "A" & "C" **ELECTRICAL POWER PLAN**

3E2.1





DRAWING NOTES:

1. REFER ARCHITECTURAL FLOOR PLAN AND ELEVATIONS FOR EXACT LOCATION, QUANTITIES AND MOUNTING HEIGHTS
2. ALL TOILET ROOM, CONFERENCE ROOMS, ETC. FIRE ALARM STROBE ONLY DEVICES SHALL BE ENCASED IN A PROTECTIVE COVER SIMILAR TO SAFETY TECHNOLOGY INTERNATIONAL CATALOG #STI-1221E OR APPROVED EQUAL.

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f 207.773.8840

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MECHANICAL

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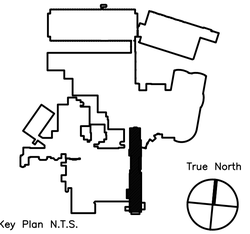

Key Plan N.T.S.

ADDENDUM#1	12/4/09	1
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PAVILION 6 RENOVATIONS

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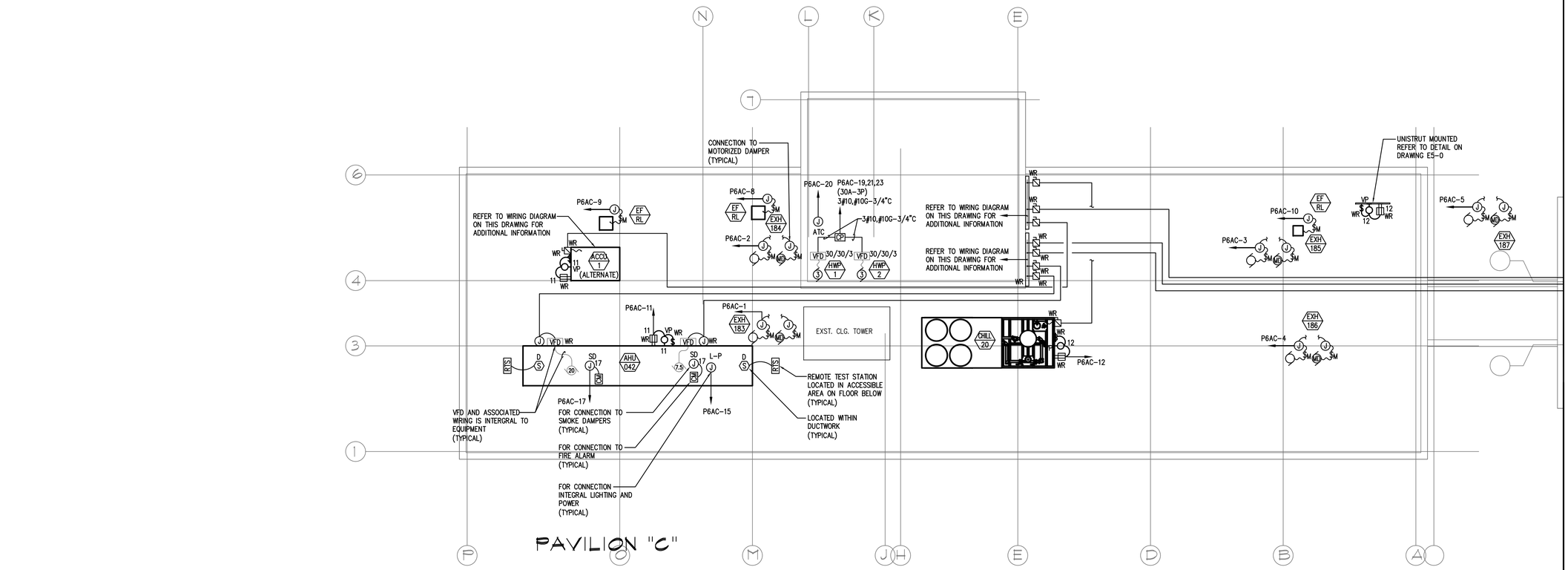
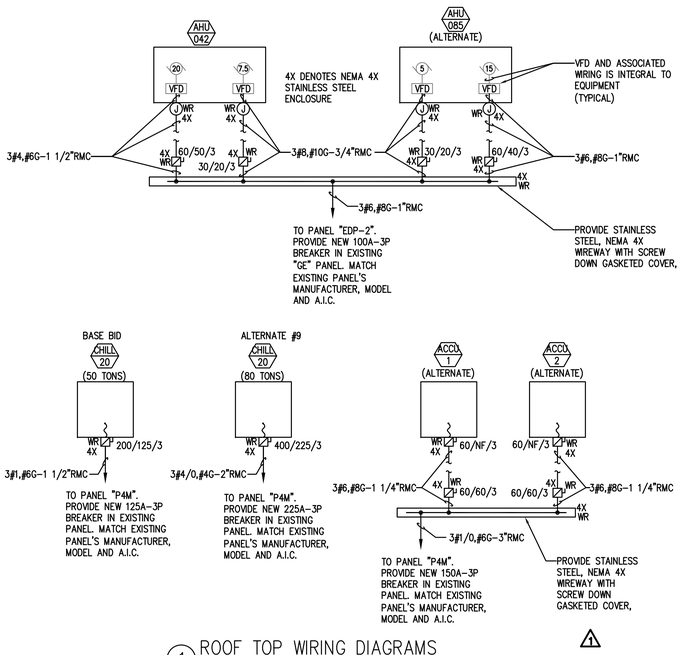
Scale	1/8" = 1'-0"
Sheet Title and Number	

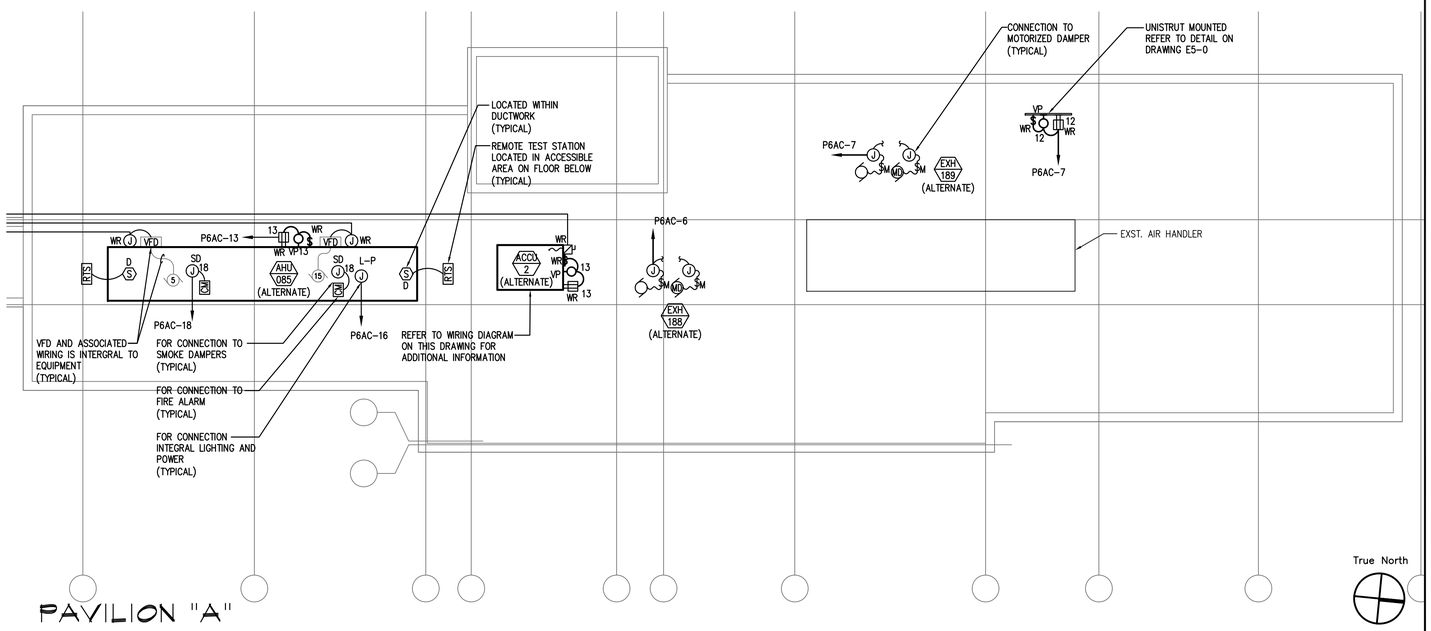
SIXTH FLOOR PAVILIONS "A" & "C" ELECTRICAL LOW TENSION PLAN

3E2.2





1 ROOF TOP WIRING DIAGRAMS
SCALE: NOT TO SCALE



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BECKER
structural engineers, inc.
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ADDENDUM#1	12/4/09	1
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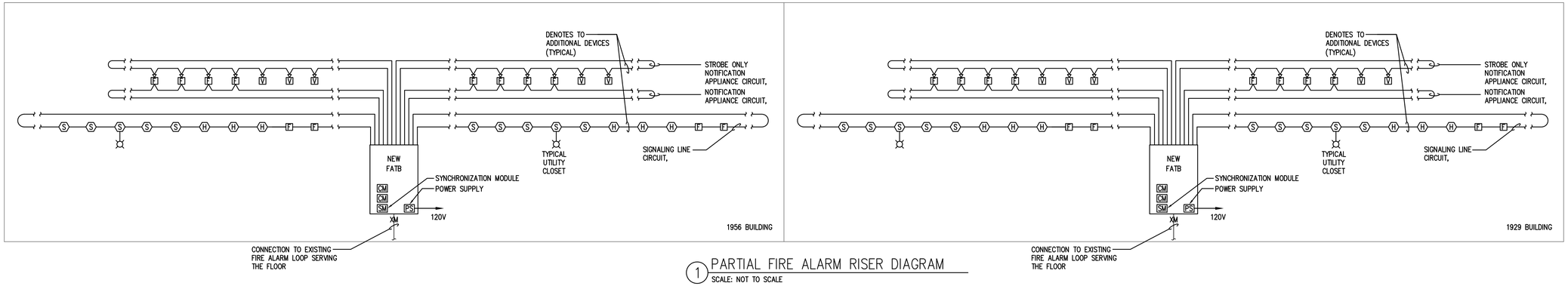
PAVILION 6 RENOVATIONS

MorrisSwitzer Project Number	28034
Date	11/19/09
Scale	1/8" = 1'-0"
Sheet Title and Number	

SIXTH FLOOR PAVILIONS "A" & "C" **ELECTRICAL ROOF PLAN**

3E2.3



1 PARTIAL FIRE ALARM RISER DIAGRAM
SCALE: NOT TO SCALE

FIRE ALARM NOTES:

FA1. REFER TO ELECTRICAL DRAWNGS FOR EXACT QUANTITIES OF FIRE ALARM DEVICES.

FA2. ELECTRICAL CONTRACTOR SHALL PROGRAM, TEST AND CERTIFY FIRE ALARM SYSTEM UPON COMPLETION WORK.

FA3. FIRE ALARM SYSTEM AND INSTALLATION SHALL COMPLY WITH APPLICABLE REGULATIONS OF NFPA #72, LIFE-SAFETY CODE #101, NATIONAL ELECTRIC CODE AND LOCAL FIRE DEPARTMENT.

FA4. FIRE ALARM WIRING TERMINATIONS SHALL BE MADE ON TERMINAL BLOCKS, NO SPLICES WILL BE ALLOWED.

FA5. ELECTRICAL CONTRACTOR SHALL FIELD CONFORM THAT ENOUGH BATTERY CAPACITY EXISTS FOR THE FIRE ALARM SYSTEM TO OPERATE FOR 60 HOURS IN NON-ALARM CONDITION AND CAPABLE OF OPERATING IN ALARM FOR 15 MINUTES AT THE END OF THE 60 HOUR PERIOD. PROVIDE BATTERY AMP-HOUR CALCULATIONS, RISERS AND WIRING SCHEMATICS WITH SUBMISSION.

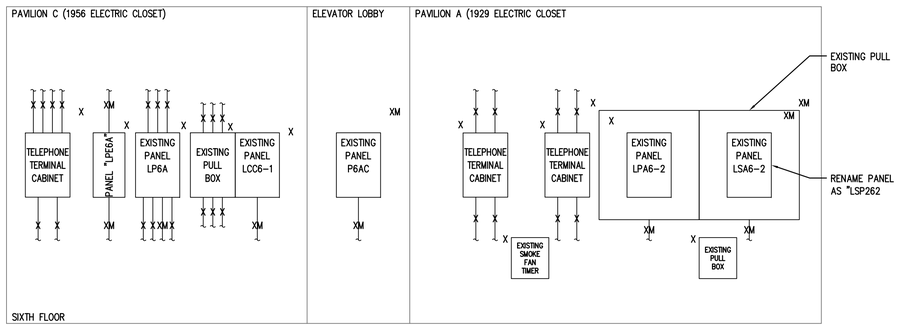
FA6. SYSTEM MANUFACTURER SHALL PROVIDE INSTALLATION WIRING DIAGRAM OF THE FIRE ALARM SYSTEM, AND VERIFICATION CERTIFICATE OF SYSTEM OPERATING PRIOR TO FINAL ACCEPTANCE.

FA7. ALL FIELD WIRING AND EQUIPMENT SHALL BE AS REQUIRED PER MANUFACTURERS WIRING DIAGRAMS.

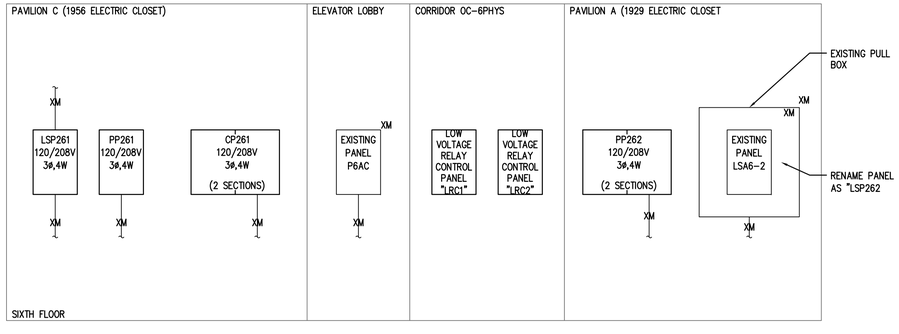
FA8. ALL FIRE ALARM WIRING SHALL BE CLASS A (OUTGOING AND RETURNING CIRCUITS SHALL NOT BE PHYSICALLY INSTALLED IN THE SAME RACEWAY), FAULT ISOLATOR MODULES SHALL BE INSTALLED IN THE FACP. ALSO, FAULT ISOLATOR MODULES WILL BE PROVIDED FOR EVERY 18 ADDRESSABLE FIRE ALARM DEVICES.

FA9. CEILING MOUNTED SMOKE DETECTORS SHALL NOT BE LOCATED CLOSER THAN 3 FT. FROM AIR SUPPLY FROM AIR SUPPLY DIFFUSERS.

FA10. PROVIDE A REMOTE TEST STATION FOR ALL DUCT MOUNTED SMOKE DETECTORS.



2 EXISTING PARTIAL POWER RISER DIAGRAM
SCALE: NOT TO SCALE



3 PROPOSED PARTIAL POWER RISER DIAGRAM
SCALE: NOT TO SCALE

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Boston, Massachusetts
Portland, Maine

One Dana Street
Portland, ME 04101
t 207.773.8841
f 207.773.8840

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STATE OF MAINE
JAMES M. CONWAY
No. 10085
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BECKER
structural engineers, inc.
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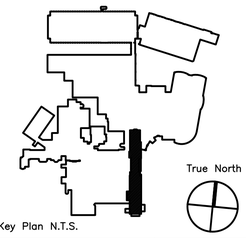

Revision	Date	No
ADDENDUM#1	12/4/09	1

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PAVILION 6 RENOVATIONS

MorrisSwitzer Project Number	28034
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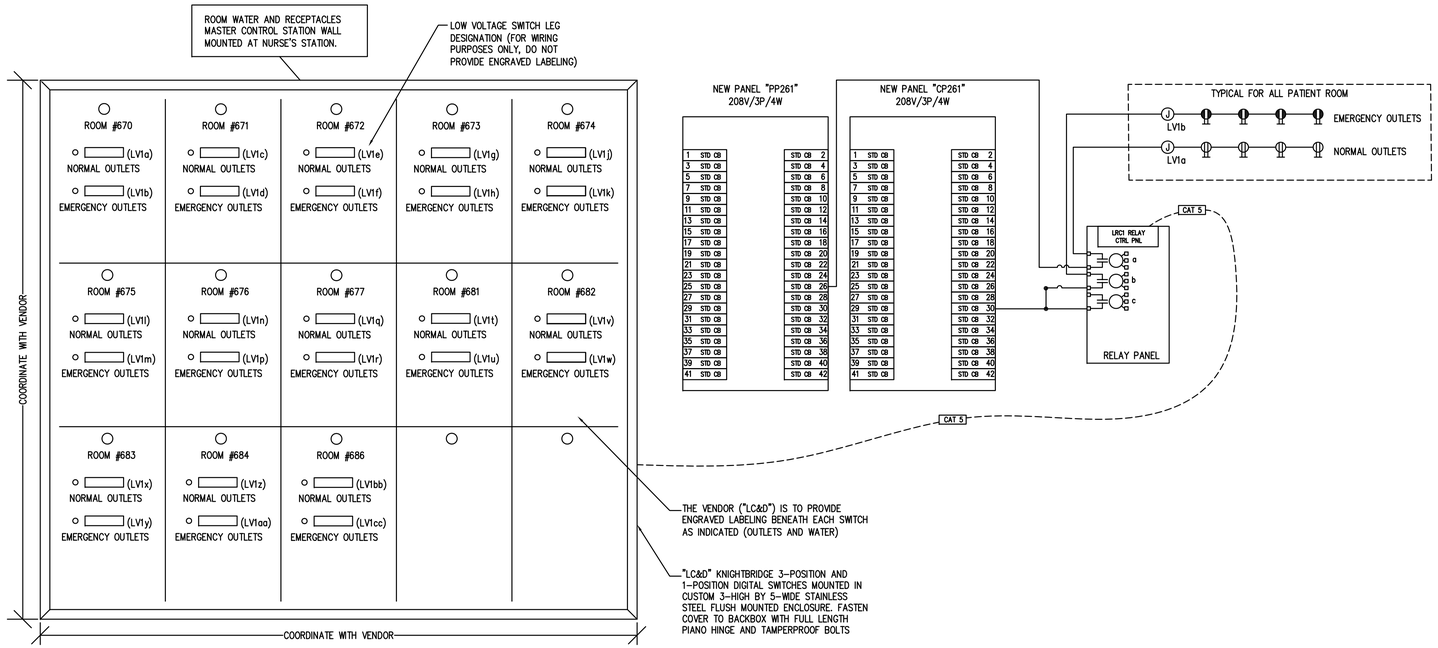
Sheet Title and Number

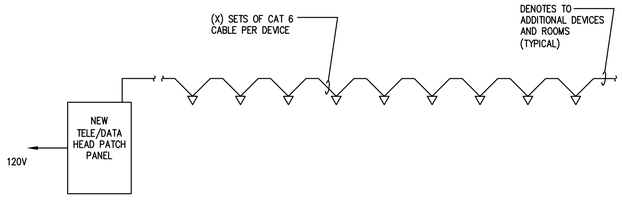
SIXTH FLOOR PAVILIONS "A" & "C" **ELECTRICAL RISER DIAGRAM AND DETAILS**

3E3.0



CONTROL PANEL IS ALTERNATE ONLY

1 LOW VOLTAGE RELAY WIRING DETAIL
SCALE: NOT TO SCALE



2 PARTIAL TELE/DATA DIAGRAM
SCALE: NOT TO SCALE

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PAVILION 6 RENOVATIONS

MorrisSwitzer Project Number	28034
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SIXTH FLOOR PAVILIONS "A" & "C" ELECTRICAL RISER DIAGRAM AND DETAILS

3E3.1

208/120 VOLT, 3-PHASE, 4-WIRE PANELBOARD SCHEDULE

SECTION 1

PROJECT: Maine Medical Center Pavillion 6 Rennovation | BY: JDA | PANEL NAME: CP261
LOCATION: Portland Maine | DATE: 9/10/2009 | PANEL LOCATION: "56" 6th elec. Clos.
FED FROM: XXXXXXXX | VIA: XXXXXX

PANELBOARD DATA

VOLTS-PHASE	MAINS	BUS AMPS	AIC	# OF POLES	MOUNTING	NEMA TYPE
208/120 V, 3-PH, 4-W	MLO	225A FEED THRU	22,000A	84 (1-42)	SURFACE	NEMA 1

Codes:R=Receptacle;L=Lighting;M=Motor;T=Transformer;H=Heater;A=A/C;C=Computer;E=Equipment;O=Other;SPR=Spare;SPC=Space

CKT #		DESCRIPTION	kW LOAD	CKT BREAKER	PHASE A	PHASE B	PHASE C	CKT BREAKER	kW LOAD	DESCRIPTION		CKT #
1	r	patient room 686	0.800	GFI-20A / 1P	1.40			20A / 1P	0.600	ref	e	2
3	r	patient room 683	0.800	GFI-20A / 1P		1.40		20A / 1P	0.600	ref	e	4
5	r	patient room 684	0.800	GFI-20A / 1P			1.40	20A / 1P	0.600	micro	e	6
7	r	patient room 681	0.800	GFI-20A / 1P	1.40			20A / 1P	0.600	ice	e	8
9	r	patient room 682	0.800	GFI-20A / 1P		2.80		30A	2.000	stacked wasaher/dryer	e	10
11	e	seclusion 680 shower/toile	0.600	20A / 1P			2.60	/ 2P	2.000	(30a-2p)	e	12
13	e	pyxix	1.000	20A / 1P	2.00			GFI-20A / 1P	1.000	plasma screen	e	14
15	e	u/c ref	1.000	20A / 1P		2.00		20A / 1P	1.000	observation monitor system	e	16
17	e	u/c ref	1.000	20A / 1P			2.00	20A / 1P	1.000	crash cart/cpu	r	18
19	r	med computers	0.540	20A / 1P	1.54			20A / 1P	1.000	plugmold	r	20
21	r	charting recept	0.540	20A / 1P		1.26		20A / 1P	0.720	unit secretary recept	r	22
23	r	charting recept	0.540	20A / 1P			1.26	20A / 1P	0.720	unit secretary recept	r	24
25	e	p-tube	1.000	20A / 1P	1.60			20A / 1P	0.600	copier	e	26
27	r	patient room 677	0.800	GFI-20A / 1P		1.40		GFI-20A / 1P	0.600	patient room 673	spr	28
29	r	patient room 676	0.800	GFI-20A / 1P			1.40	GFI-20A / 1P	0.600	patient room 672	spr	30
31	r	patient room 675	0.800	GFI-20A / 1P	1.40			GFI-20A / 1P	0.600	patient room 671	spr	32
33	r	patient room 674	0.800	GFI-20A / 1P		1.40		GFI-20A / 1P	0.600	patient room 670	spr	34
35	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	36
37	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	38
39	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	40
41	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	42

208/120 VOLT, 3-PHASE, 4-WIRE PANELBOARD SCHEDULE

SECTION 2

PROJECT: Maine Medical Center Pavillion 6 Rennovation | BY: JDA | PANEL NAME: CP261
LOCATION: Portland Maine | DATE: 9/10/2009 | PANEL LOCATION: "56" 6th elec. Clos.
FED FROM: XXXXXXXX | VIA: XXXXXX

PANELBOARD DATA

VOLTS-PHASE	MAINS	BUS AMPS	AIC	# OF POLES	MOUNTING	NEMA TYPE
208/120 V, 3-PH, 4-W	MLO	225A	22,000A	84 (43-84)	SELECT	SELECT

Codes:R=Receptacle;L=Lighting;M=Motor;T=Transformer;H=Heater;A=A/C;C=Computer;E=Equipment;O=Other;SPR=Spare;SPC=Space

CKT #		DESCRIPTION	kW LOAD	CKT BREAKER	PHASE A	PHASE B	PHASE C	CKT BREAKER	kW LOAD	DESCRIPTION		CKT #
43	l	patient room lighting	0.900	20A / 1P	1.35			20A / 1P	0.450	patient room lighting	l	44
45	l	patient room lighting	0.900	20A / 1P		1.90		20A / 1P	1.000	patient room lighting	spr	46
47	r	seclusion room recept	0.540	20A / 1P			1.14	20A / 1P	0.600	spare	spr	48
49	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	50
51	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	52
53	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	54
55	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	56
57	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	58
59	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	60
61	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	62
63	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	64
65	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	66
67	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	68
69	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	70
71	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	72
73	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	74
75	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	76
77	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	78
79	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	80
81	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	82
83	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	84

208/120 VOLT, 3-PHASE, 4-WIRE PANELBOARD SCHEDULE

SECTION 1

PROJECT: Maine Medical Center Pavillion 6 Rennovation | BY: JDA | PANEL NAME: P6AC
LOCATION: Portland Maine | DATE: 9/10/2009 | PANEL LOCATION: elevator lobby
FED FROM: XXXXXXXX | VIA: XXXXXX

PANELBOARD DATA

VOLTS-PHASE	MAINS	BUS AMPS	AIC	# OF POLES	MOUNTING	NEMA TYPE
208/120 V, 3-PH, 4-W	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT

Codes:R=Receptacle;L=Lighting;M=Motor;T=Transformer;H=Heater;A=A/C;C=Computer;E=Equipment;O=Other;SPR=Spare;SPC=Space

CKT #		DESCRIPTION	kW LOAD	CKT BREAKER	PHASE A	PHASE B	PHASE C	CKT BREAKER	kW LOAD	DESCRIPTION		CKT #
1	e	EXH-183	0.600	20A / 1P	1.20			20A / 1P	0.600	EXH-184	m	2
3	e	EXH-185	0.600	20A / 1P		1.20		20A / 1P	0.600	EXH-186	m	4
5	e	EXH-187	0.600	20A / 1P			1.20	20A / 1P	0.600	EXH-188	m	6
7	e	EXH-189	0.600	20A / 1P	1.20			20A / 1P	0.600	relocated exhaust fan	m	8
9	m	relocated exhaust fan	0.600	20A / 1P		1.20		20A / 1P	0.600	relocated exhaust fan	m	10
11	r	roof ltg and recept	0.600	20A / 1P			1.20	20A / 1P	0.600	roof ltg and recept	r	12
13	r	roof ltg and recept	0.600	20A / 1P	1.20			20A / 1P	0.600	roof ltg and recept	r	14
15	r	rooftop ltg	0.600	20A / 1P		1.20		20A / 1P	0.600	rooftop ltg	r	16
17	r	smoke damper	0.600	20A / 1P			1.20	20A / 1P	0.600	smoke damper	r	18
19	M	HWP1 & 2	1.400	30A	2.00			20A / 1P	0.600	ATC	E	20
21	M	3HP	1.400			2.00		20A / 1P	0.600	spare	spr	22
23	M		1.400	/3P			2.00	20A / 1P	0.600	spare	spr	24
25	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	26
27	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	28
29	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	30
31	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	32
33	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	34
35	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	36
37	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	38
39	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	40
41	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	42

208/120 VOLT, 3-PHASE, 4-WIRE PANELBOARD SCHEDULE

SECTION 1

PROJECT: Maine Medical Center Pavillion 6 Rennovation | BY: JDA | PANEL NAME: LSP261
LOCATION: Portland Maine | DATE: 9/10/2009 | PANEL LOCATION: "56" 6th elec. Clos.
FED FROM: XXXXXXXX | VIA: XXXXXX

PANELBOARD DATA

VOLTS-PHASE	MAINS	BUS AMPS	AIC	# OF POLES	MOUNTING	NEMA TYPE
208/120 V, 3-PH, 4-W	MLO	100A	10,000A	12	SURFACE	NEMA 1

Codes:R=Receptacle;L=Lighting;M=Motor;T=Transformer;H=Heater;A=A/C;C=Computer;E=Equipment;O=Other;SPR=Spare;SPC=Space

CKT #		DESCRIPTION	kW LOAD	CKT BREAKER	PHASE A	PHASE B	PHASE C	CKT BREAKER	kW LOAD	DESCRIPTION		CKT #
1	E	atc	1.000	20A / 1P	1.60			20A / 1P	0.600	securitydoor access	e	2
3	e	nursecall	1.000	20A / 1P		1.60		20A / 1P	0.600	securitydoor access	e	4
5	e	fatb	1.000	20A / 1P			1.10	20A / 1P	0.100	corridor exits	l	6
7	l	corridor lights	1.000	20A / 1P	1.60			20A / 1P	0.600	spare	spr	8
9	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	10
11	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	12

208/120 VOLT, 3-PHASE, 4-WIRE PANELBOARD SCHEDULE

SECTION 1

PROJECT: Maine Medical Center Pavillion 6 Rennovation | BY: JDA | PANEL NAME: PP261
LOCATION: Portland Maine | DATE: 9/10/2009 | PANEL LOCATION: "56" 6th elec. Clos.
FED FROM: XXXXXXXX | VIA: XXXXXX

PANELBOARD DATA

VOLTS-PHASE	MAINS	BUS AMPS	AIC	# OF POLES	MOUNTING	NEMA TYPE
208/120 V, 3-PH, 4-W	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT

Codes:R=Receptacle;L=Lighting;M=Motor;T=Transformer;H=Heater;A=A/C;C=Computer;E=Equipment;O=Other;SPR=Spare;SPC=Space

CKT #		DESCRIPTION	kW LOAD	CKT BREAKER	PHASE A	PHASE B	PHASE C	CKT BREAKER	kW LOAD	DESCRIPTION		CKT #
1	r	corridor recept	1.260	20A / 1P	1.98			GFI-20A / 1P	0.720	patient room 686	r	2
3	r	exam room	0.720	20A / 1P		1.44		GFI-20A / 1P	0.720	patient room 683	r	4
5	r	back of house	0.600	20A / 1P			1.32	GFI-20A / 1P	0.720	patient room 684	r	6
7	r	tel back board	0.720	20A / 1P	1.44			GFI-20A / 1P	0.720	patient room 681	r	8
9	r	charting recept	0.720	20A / 1P		1.44		GFI-20A / 1P	0.720	patient room 682	r	10
11	r	charting recept	0.900	20A / 1P			1.62	GFI-20A / 1P	0.720	patient room 677	r	12
13	r	unit secretary recept	0.720	20A / 1P	1.44			GFI-20A / 1P	0.720	patient room 676	r	14
15	r	unit secretary recept	0.720	20A / 1P		1.44		GFI-20A / 1P	0.720	patient room 675	r	16
17	L	corridor lighting	1.000	20A / 1P			1.72	GFI-20A / 1P	0.720	patient room 674	r	18
19	l	patient room lighting	1.100	20A / 1P	1.82			GFI-20A / 1P	0.720	patient room 673	r	20
21	l	core area lighting	1.000	20A / 1P		1.72		GFI-20A / 1P	0.720	patient room 672	r	22
23	l	patient room lighting	0.600	20A / 1P			1.32	GFI-20A / 1P	0.720	patient room 671	r	24
25	l	patient room lighting	1.100	20A / 1P	1.82			GFI-20A / 1P	0.720	patient room 670	r	26
27	l	patient room lighting	1.100	20A / 1P		1.70		20A / 1P	0.600	spare	spr	28
29	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	30
31	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	32
33	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	34
35	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	36
37	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	38
39	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	40
41	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	42

208/120 VOLT, 3-PHASE, 4-WIRE PANELBOARD SCHEDULE

SECTION 1

PROJECT: Maine Medical Center Pavillion 6 Rennovation | BY: JDA | PANEL NAME: LSP262
LOCATION: Portland Maine | DATE: 9/10/2009 | PANEL LOCATION: "29" 6th elec. Clos.
FED FROM: XXXXXXXX | VIA: XXXXXX

PANELBOARD DATA

VOLTS-PHASE	MAINS	BUS AMPS	AIC	# OF POLES	MOUNTING	NEMA TYPE
208/120 V, 3-PH, 4-W	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT

Codes:R=Receptacle;L=Lighting;M=Motor;T=Transformer;H=Heater;A=A/C;C=Computer;E=Equipment;O=Other;SPR=Spare;SPC=Space

CKT #		DESCRIPTION	kW LOAD	CKT BREAKER	PHASE A	PHASE B	PHASE C	CKT BREAKER	kW LOAD	DESCRIPTION		CKT #
1	r	existing loads	0.600	20A / 1P	1.20			20A / 1P	0.600	existing loads	r	2
3	r	existing loads	0.600	20A / 1P		1.20		20A / 1P	0.600	existing loads	r	4
5	r	existing loads	0.600	20A / 1P			1.20	20A / 1P	0.600	existing loads	r	6
7	r	existing loads	0.600	20A / 1P	1.20			20A / 1P	0.600	existing loads	r	8
9	r	existing loads	0.600	20A / 1P		1.20		20A / 1P	0.600	existing loads	r	10
11	r	existing loads	0.600	20A / 1P			1.20	20A / 1P	0.600	existing loads	r	12
13	r	existing loads	0.600	20A / 1P	1.20			20A / 1P	0.600	existing loads	r	14
15	r	existing loads	0.600	20A / 1P		1.20		20A / 1P	0.600	existing loads	r	16
17	r	existing loads	0.600	20A / 1P			1.20	20A / 1P	0.600	existing loads	r	18
19	r	existing loads	0.600	20A / 1P	1.20			20A / 1P	0.600	existing loads	r	20
21	r	existing loads	0.600	20A / 1P		1.20		20A / 1P	0.600	existing loads	r	22
23	r	existing loads	0.600	20A / 1P			1.20	20A / 1P	0.600	existing loads	r	24
25	r	existing loads	0.600	20A / 1P	1.20			20A / 1P	0.600	existing loads	r	26
27	r	existing loads	0.600	20A / 1P		1.20		20A / 1P	0.600	existing loads	r	28
29	e	securitydoor acess	0.600	20A / 1P			1.20	20A / 1P	0.600	fatb	e	30
31	e	securitydoor acess	0.600	20A / 1P	1.40			20A / 1P	0.800	corridor lighting	l	32
33	spr	spare	0.600	20A / 1P		0.70		20A / 1P	0.100	corridor exit lighting	l	34
35	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	36
37	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	38
39	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	40
41	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	42

208/120 VOLT, 3-PHASE, 4-WIRE PANELBOARD SCHEDULE

SECTION 1

PROJECT: Maine Medical Center Pavillion 6 Rennovation | BY: JDA | PANEL NAME: PP262
LOCATION: Portland Maine | DATE: 9/10/2009 | PANEL LOCATION: "29" 6th elec. Clos.
FED FROM: XXXXXXXX | VIA: XXXXXX

PANELBOARD DATA

VOLTS-PHASE	MAINS	BUS AMPS	AIC	# OF POLES	MOUNTING	NEMA TYPE
208/120 V, 3-PH, 4-W	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT

Codes:R=Receptacle;L=Lighting;M=Motor;T=Transformer;H=Heater;A=A/C;C=Computer;E=Equipment;O=Other;SPR=Spare;SPC=Space

CKT #		DESCRIPTION	kW LOAD	CKT BREAKER	PHASE A	PHASE B	PHASE C	CKT BREAKER	kW LOAD	DESCRIPTION		CKT #
1	r	office 6230	0.900	20A / 1P	1.90			20A / 1P	1.000	charting station	e	2
3	r	office 6228	0.900	20A / 1P		1.90		20A / 1P	1.000	charting station (gfci brkr)	e	4
5	r	office 6226	0.900	20A / 1P			1.90	GFI 20A / 1P	1.000	charting station	e	6
7	r	corridor receptacles	1.080	GFI 20A / 1P	2.08			20A / 1P	1.000	charting station	e	8
9	r	office 6224	0.900	20A / 1P		1.90		20A / 1P	1.000	charting station (gfci brkr)	e	10
11	r	office 6222	0.900	20A / 1P			1.90	20A / 1P	1.000	charting station	e	12
13	r	office 6229	0.720	20A / 1P	1.72			20A / 1P	1.000	charting station	e	14
15	r	office 6229	0.600	20A / 1P		1.50		20A / 1P	0.900	office 6215	r	16
17	r	office 6227	0.900	20A / 1P			1.90	GFI 20A / 1P	1.000	door closer	e	18
19	r	office 6225	0.900	20A / 1P	1.62			GFI 20A / 1P	0.720	dining area	r	20
21	r	office 6223	0.900	20A / 1P		1.62		GFI 20A / 1P	0.720	dining area	r	22
23	r	office 6221	0.900	20A / 1P			1.90	20A / 1P	1.000	break room ref	r	24
25	r	general recept	0.600	20A / 1P	1.60			20A / 1P	1.000	break room micro	r	26
27	r	coffee	1.000	20A / 1P		2.00		20A / 1P	1.000	break room	r	28
29	r	soda	1.000	20A / 1P			2.08	20A / 1P	1.080	kitchen recept	r	30
31	r	toaster	1.000	20A / 1P	2.08			20A / 1P	1.080	kitchen recept	r	32
33	r	counter	0.600	20A / 1P		1.60		20A / 1P	1.000	dishwasher	spr	34
35	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	36
37	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	38
39	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	rspr	40
41	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	42

208/120 VOLT, 3-PHASE, 4-WIRE PANELBOARD SCHEDULE

SECTION 2

PROJECT: Maine Medical Center Pavillion 6 Rennovation | BY: JDA | PANEL NAME: PP262
LOCATION: Portland Maine | DATE: 9/10/2009 | PANEL LOCATION: "29" 6th elec. Clos.
FED FROM: XXXXXXXX | VIA: XXXXXX

PANELBOARD DATA

VOLTS-PHASE	MAINS	BUS AMPS	AIC	# OF POLES	MOUNTING	NEMA TYPE
208/120 V, 3-PH, 4-W	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT

Codes:R=Receptacle;L=Lighting;M=Motor;T=Transformer;H=Heater;A=A/C;C=Computer;E=Equipment;O=Other;SPR=Spare;SPC=Space

CKT #		DESCRIPTION	kW LOAD	CKT BREAKER	PHASE A	PHASE B	PHASE C	CKT BREAKER	kW LOAD	DESCRIPTION		CKT #
43	r	elec range	2.000	30A	2.80			20A / 1P	0.800	corridor lighting	l	44
45	r	30a-2p	2.000	/ 2P		3.00		20A / 1P	1.000	offices lighting	l	46
47	spr	spare	0.600	20A / 1P			1.40	20A / 1P	0.800	kitchen/activity ltg	l	48
49	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	50
51	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	52
53	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	54
55	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	56
57	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	58
59	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	60
61	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	62
63	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	64
65	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	66
67	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	68
69	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	70
71	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	72
73	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	74
75	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	76
77	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	78
79	spr	spare	0.600	20A / 1P	1.20			20A / 1P	0.600	spare	spr	80
81	spr	spare	0.600	20A / 1P		1.20		20A / 1P	0.600	spare	spr	82
83	spr	spare	0.600	20A / 1P			1.20	20A / 1P	0.600	spare	spr	84

MorrisSwitzer
Environments for Health

Williston, Vermont
Boston, Massachusetts
Portland, Maine

One Dana Street
Portland, ME 04101
t 207.773.8841
f 207.775.8840

morrisswitzer.com

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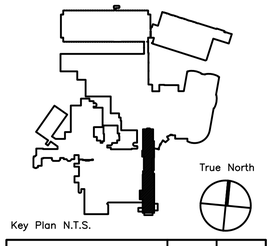
Mechanical / Electrical Engineers
92 Montvale Ave, Suite 4100
Stoneham, MA 02180
Tel: 781-481-0210
Fax: 781-481-0203
email: info@f-t.com
www.f-t.com

Project No.: 09018.00

Consultant



Key Plan N.T.S.

ADDENDUM#1	12/4/09	1
Revision	Date	No

Maine Medical Center
Portland, Maine

MAINE MEDICAL CENTER

PAVILION 6 RENOVATIONS

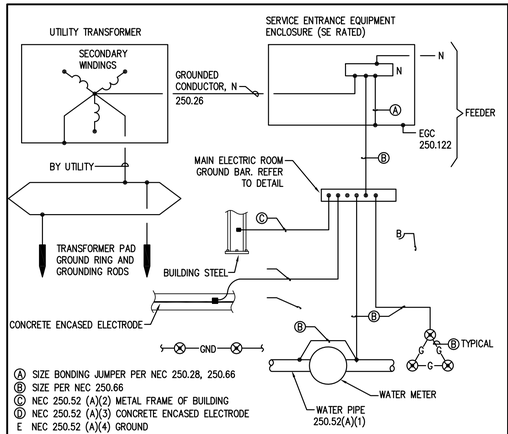
MorrisSwitzer Project Number	28034
Date	11/19/09
Scale	NOT TO SCALE

Sheet Title and Number

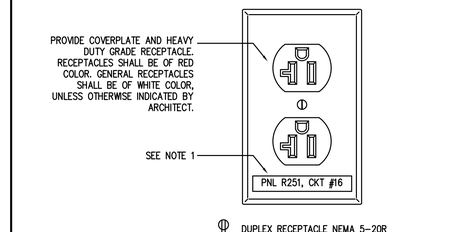
SIXTH FLOOR PAVILIONS
"A" & "C" **ELECTRICAL SCHEDULES**

3E4.1

True North



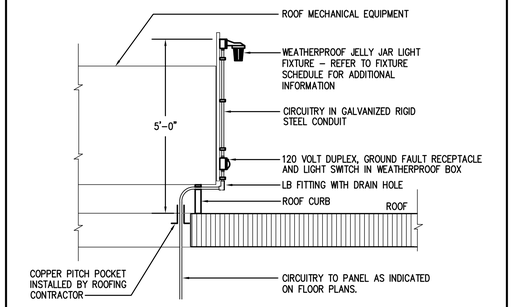
NEC UTILITY SERVICE ENTRANCE GROUNDING DETAIL — ED–1 — NONE



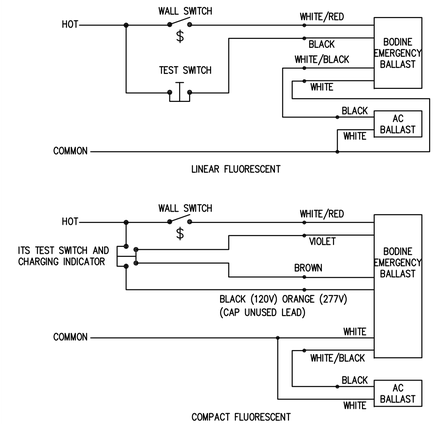
COVERPLATES SHALL BE STAINLESS STEEL

1. AT A MINIMUM, ELECTRICAL CONTRACTOR SHALL PROVIDE TYPED LABELS WITH P–TOUCH MACHINE TO INDICATE PANEL NAME AND CIRCUIT NUMBER. IF FACILITY STANDARD IS ENGRAVED COVERPLATES, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ENGRAVED COVERPLATES TO MATCH FACILITY REQUIREMENTS.

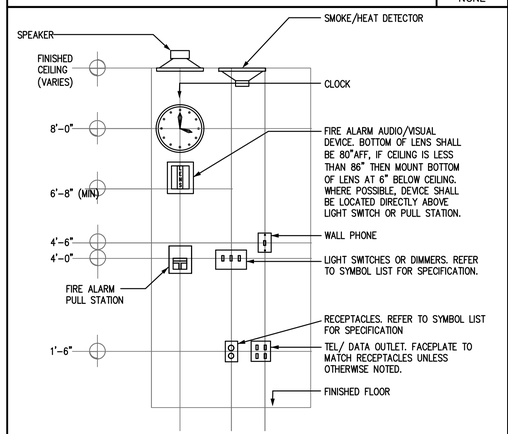
TYPICAL RECEPTACLE LABELING DETAIL — ED–4 — NONE



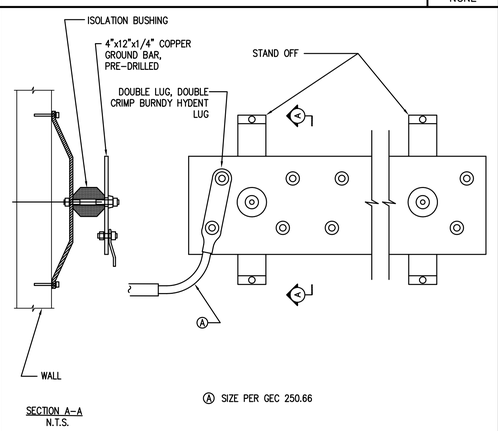
LIGHTING AND RECEPTACLE MOUNTING AT ROOFTOP EQUIPMENT — ED–7 — NONE



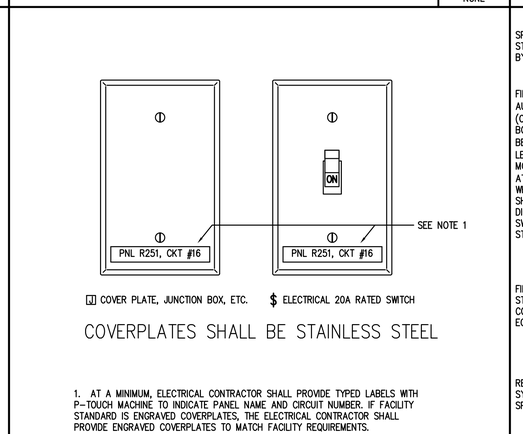
EMERGENCY BALLAST WIRING DIAGRAMS — ED–10 — NONE



TYPICAL WALL DEVICE MOUNTING DETAIL — ED–3 — NONE



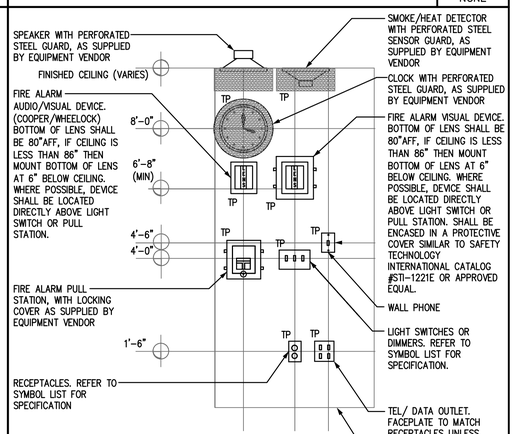
TYPICAL GROUND BAR DETAIL — ED–6 — NONE



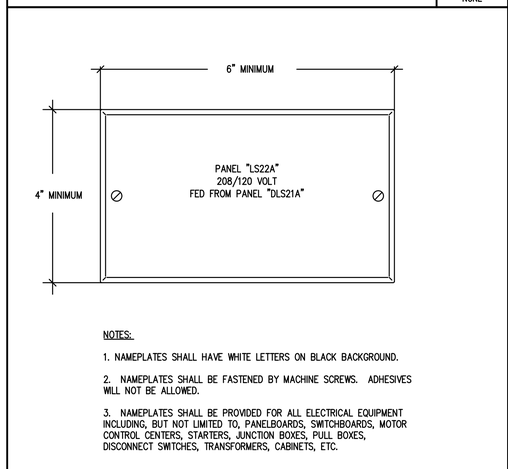
COVERPLATES SHALL BE STAINLESS STEEL

1. AT A MINIMUM, ELECTRICAL CONTRACTOR SHALL PROVIDE TYPED LABELS WITH P–TOUCH MACHINE TO INDICATE PANEL NAME AND CIRCUIT NUMBER. IF FACILITY STANDARD IS ENGRAVED COVERPLATES, THE ELECTRICAL CONTRACTOR SHALL PROVIDE ENGRAVED COVERPLATES TO MATCH FACILITY REQUIREMENTS.

TYPICAL COVERPLATE AND SWITCH LABEL DETAIL — ED–9 — NONE



TYPICAL TAMPER–PROOF WALL DEVICE MOUNTING DETAIL — ED–12 — NONE



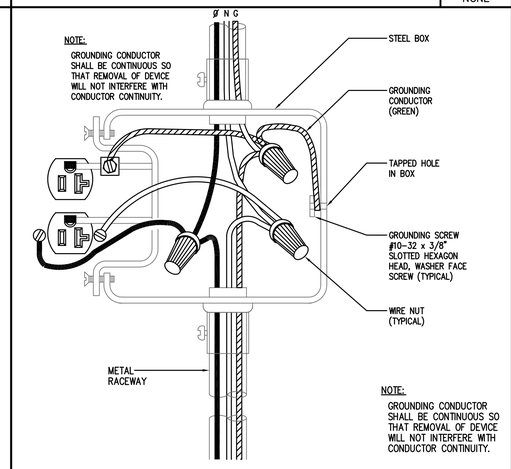
NOTES:

1. NAMEPLATES SHALL HAVE WHITE LETTERS ON BLACK BACKGROUND.

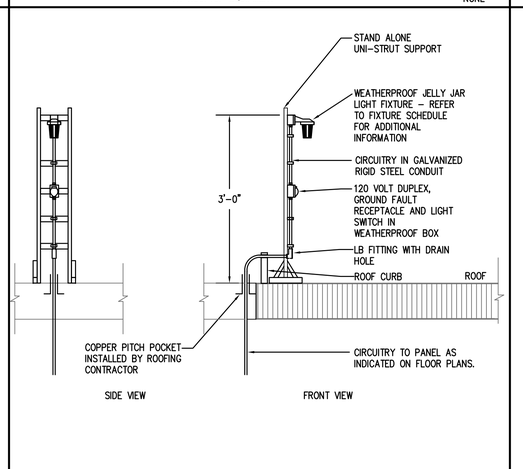
2. NAMEPLATES SHALL BE FASTENED BY MACHINE SCREWS. ADHESIVES WILL NOT BE ALLOWED.

3. NAMEPLATES SHALL BE PROVIDED FOR ALL ELECTRICAL EQUIPMENT INCLUDING, BUT NOT LIMITED TO, PANELBOARDS, SWITCHBOARDS, MOTOR CONTROL CENTERS, STARTERS, JUNCTION BOXES, PULL BOXES, DISCONNECT SWITCHES, TRANSFORMERS, CABINETS, ETC.

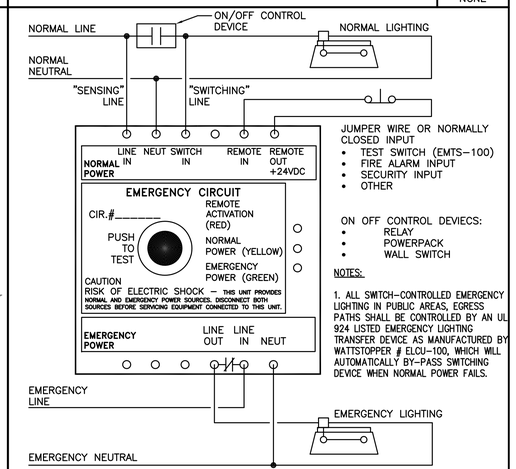
TYPICAL NAMEPLATE DETAIL — ED–2 — NONE



TYPICAL RECEPTACLE WIRING DETAIL — ED–5 — NONE



TYPICAL ROOFTOP EQUIPMENT RECEPTACLE AND LIGHTING DETAIL — ED–8 — NONE



EMERGENCY LIGHTING TRANSFER DEVICE — ED–11 — NONE

True North

MorrisSwitzer
Environments for Health
Williston, Vermont
Boston, Massachusetts
Portland, Maine
One Dana Street
Portland, ME 04101
t 207.773.8841
f 207.773.8840
morrisswitzer.com

Seals

STATE OF MAINE — JAMES M. CONWAY No. 10085 — LICENSED PROFESSIONAL ENGINEER

B R
structural engineers, inc.
75 York Street
Portland, ME 04101–4701
info@beckerstructural.com
Tel 207-879-1838
Fax 207-879-1822
www.beckerstructural.com

Consultant

Fitzemeyer & Tocci Associates, Inc.
Mechanical / Electrical Engineers
92 Montvale Ave, Suite 4100
Stoneham, MA 02180
Tel: 781-481-0210
Fax: 781-481-0203
email: info@f-t.com
www.f-t.com
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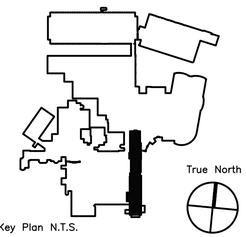


Key Plan N.T.S.

Revision	Date	No
ADDENDUM#1	12/4/09	1

Maine Medical Center
Portland, Maine

MAINE MEDICAL CENTER

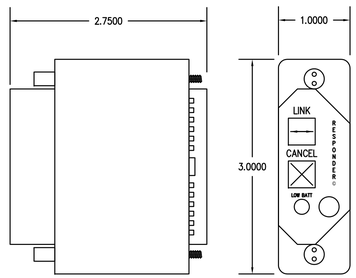
PAVILION 6 RENOVATIONS

MorrisSwitzer Project Number	28034
Date	11/19/09
Scale	NOT TO SCALE

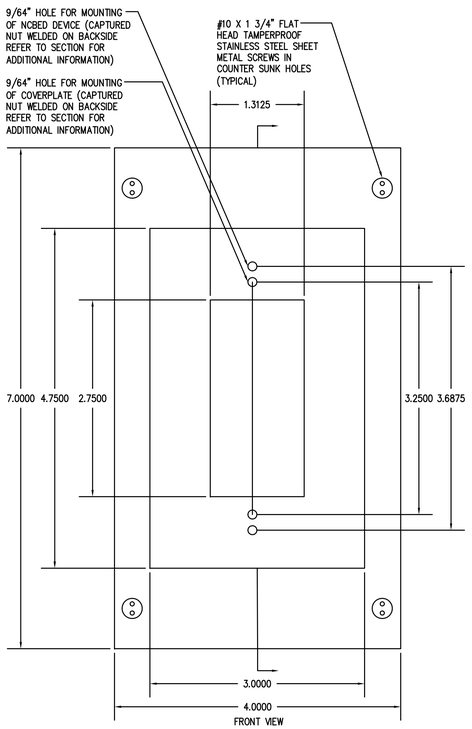
Sheet Title and Number

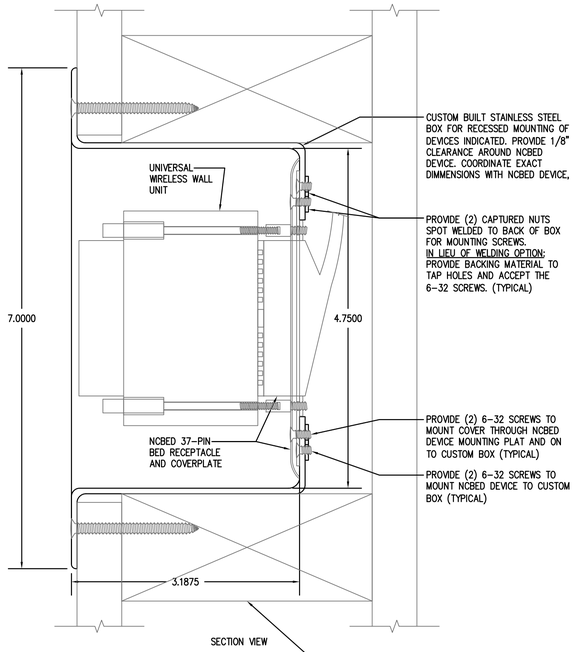
SIXTH FLOOR PAVILIONS "A" & "C" ELECTRICAL DETAILS

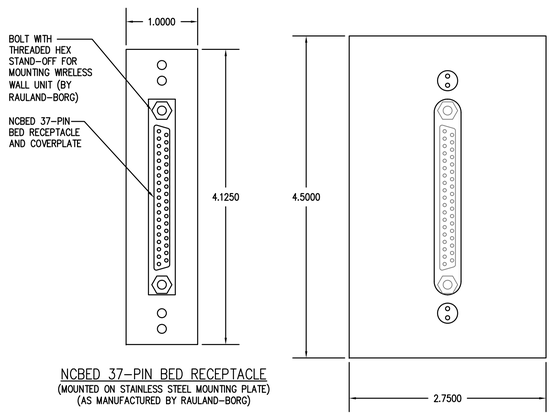
3E5.0



UNIVERSAL WIRELESS WALL UNIT
(AS MANUFACTURED BY RAULAND-BORG)



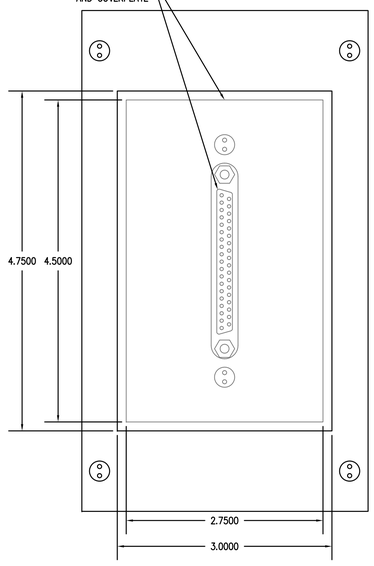




NCBED 37-PIN BED RECEPTACLE
(MOUNTED ON STAINLESS STEEL MOUNTING PLATE)
(AS MANUFACTURED BY RAULAND-BORG)

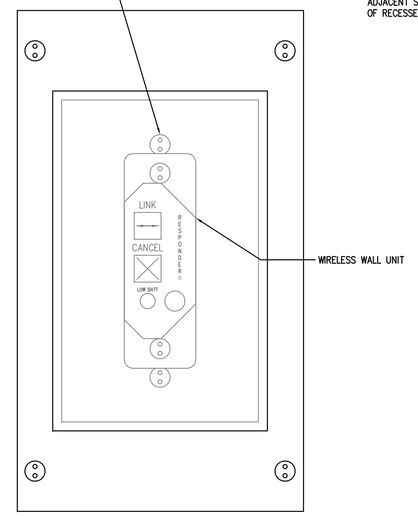
DIMMENSIONS ARE APPROXIMATE

NCBED 37-PIN BED RECEPTACLE
(MOUNTED IN STAINLESS STEEL COVER)
(AS MANUFACTURED BY RAULAND-BORG)



FRONT VIEW WITHOUT WIRELESS WALL UNIT

CUSTOM BUILT RECESSED BOX
(AS MANUFACTURED BY HOFFMAN OR APPROVED EQUAL)



FRONT VIEW WITH WIRELESS WALL UNIT

CUSTOM BUILT RECESSED WIRELESS NURSECALL BED UNIT ENCLOSURE

ED-13
NONE

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MorrisSwitzer
Environments for Health

Williston, Vermont
Boston, Massachusetts
Portland, Maine

One Dana Street
Portland, ME 04101
t 207.773.8841
f 207.773.8840

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STATE OF MAINE
JAMES M. CONWAY
No. 10085
LICENSED PROFESSIONAL ENGINEER

BECKER
structural engineers, inc.
75 York Street
Portland, ME 04101-4701
info@beckerstructural.com
Tel 207-879-1838
Fax 207-879-1822
www.beckerstructural.com

Consultant

Mechanical / Electrical Engineers
Fitzemeyer & Tocci Associates, Inc.
92 Montvale Ave, Suite 4100
Stoneham, MA 02180
Tel: 781-481-0210
Fax: 781-481-0203
email: info@f-t.com
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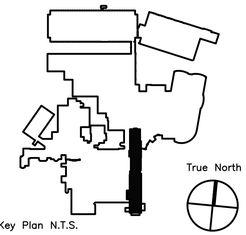

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