



RP-38 & ERP-34 UNO.
SEE NOTES 1 & 2

- KEYED NOTES:**
- MINIMUM QUANTITY OF SMOKE DETECTORS INDICATED. SMOKE DETECTOR PLACEMENT AND QUANTITY SHALL BE BASED ON COORDINATION WITH DUCTWORK AND EQUIPMENT LAYOUT.
 - CEILING MOUNTED RECEPTACLE FOR PROJECTION SCREEN. CONTRAM LOCATION WITH OWNER.
 - JUNCTION BOX FOR GARBAGE DISPOSAL. VERIFY POWER REQUIREMENTS PER EQUIPMENT MANUFACTURER.
 - LOCATE DUCT DETECTOR ON RETURN AIR DUCT FOR "RET" EQUIPMENT.
 - PROVIDE POWER FOR ACCESS CONTROL. POWER SUPPLY (POWER SUPPLY ENCLOSURE PROVIDED BY OTHERS) REFERS TO "ET" SERIES DWGS FOR ADDITIONAL INFORMATION. INTERFACE EIBS WITH FA SYSTEM WHERE INDICATED ON "ET" SERIES DWGS.
 - ACCESS CONTROL. POWER SUPPLIES SHALL BE PROVIDED TO MORE THAN 4 POWER SUPPLIES PER RECEPTACLE.
 - DEDICATED 20A DUPLEX RECEPTACLE FOR FM-200 SYSTEM CONTROLS. COORDINATE RECEPTACLE LOCATION WITH FM-200 LOCATION. MANUFACTURER'S REQUIREMENTS WITH NEMA LS-20.
 - 20A DUPLEX RECEPTACLE WITH TWISTLOCK, NEMA LS-20.
 - PROVIDE DUPLEX CEILING MOUNTED RECEPTACLE ABOVE EACH RACK ON A DEDICATED CIRCUIT. SEE SHEET E1502 FOR RACK LOCATIONS.
 - PROVIDE DUPLEX CEILING MOUNTED RECEPTACLE WITH TWISTLOCK, NEMA LS-20 FOR RACK LOCATIONS. SEE SHEET E1502 FOR RACK LOCATIONS.
 - PROVIDE A 30A, 208V CEILING MOUNTED RECEPTACLE FOR EACH RACK MOUNTED UPS ON THIRD FLOOR. PROVIDE INDICATOR LIGHT FOR INDICATION OF RACKS CONTAINING UPS EQUIPMENT AND SHEET E1502 FOR RACK LOCATIONS.
 - INSTALL CEILING MOUNTED RECEPTACLES WITHIN RACK BOTTOM OF RACK. SEE SHEET E1502 FOR RACK LOCATIONS.

- NOTES:**
- COMPUTER RECEPTACLES SHALL BE IG TYPE (ISOLATED GROUND) AND ON A DEDICATED CIRCUIT. CONNECTED TO PANEL ERP-34. PREFIX "C" OUT NUMBERS ARE DESIGNATED WITH PREFIX "C".
 - RECEPTACLES AND OTHER ELECTRICAL DEVICES ON NORMAL POWER ON THIS SHEET SHALL BE CONNECTED TO PANEL RP-38 UNO.
 - FANS FOR UNIT HEATERS ("UH") AND CABINET HEATERS ("CH") SHALL BE CONNECTED TO PANEL RP-38 UNO. THIS SHEET SHALL BE CONNECTED WITHIN THE SAME SYNCHRONIZATION.
 - PROVIDE RACEWAYS, JUNCTION BOXES AND POWER, WHERE REQUIRED, FOR TELECOM. REFER TO SHEETS E1503 AND E1504 FOR ADDITIONAL INFORMATION.
 - FAN POWER BOXES ("FPB") SHALL BE CONNECTED TO PANEL "PP-38".
 - REFER TO "ET" SERIES DWGS FOR EXACT LOCATION AND MOUNTING DETAILS FOR FDS. ADJUST POWER PROVISIONS ACCORDINGLY.
 - WALL MOUNTED RECEPTACLES IN COMM. RM 337 SHALL BE CONNECTED TO PNL ERP-34 UNO. SEE "ET" SERIES DRAWINGS FOR LOCATIONS.
 - COORDINATE LOCATIONS OF GROUND BAR, PANELBOARDS AND WALL MOUNTED RECEPTACLES PROVIDE CODE REQUIRED CLEARANCES FOR ELECTRICAL EQUIPMENT.
 - PROVIDE QUAD RECEPTACLE FOR ASTRO BASE STATIONS LOCATED IN TELECOM EQUIPMENT ROOMS ON DEDICATED 20A/1P CIRCUIT CONNECT TO "TERP" PANEL WITHIN SAME ROOM. LOCATION SHALL BE FIELD VERIFIED.

ENLARGED THIRD LEVEL FLOOR PLAN - ADMIN.
1/8" = 1'-0"

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ENGINEER CERTIFICATION:
I hereby certify that the engineering plans, specifications, and reports were prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Print Name: Douglas C. Mass
Signature: *[Signature]*
Date: 08/16/10 Reg. No.: 21087

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NO.	DESCRIPTION	DATE
1	ADDENDUM 1	6.11.10
2	CONFORMANCE SET	7.13.10
3	PERMIT REVISIONS	7.23.10
	BUILDING PERMIT	8.16.10
	LOOK REVIEW	12.17.10
	BD PACKAGE 2A	1.24.11
	ERP ADDENDUM 2	2.25.11

DATE ISSUED: 02-25-11
REVIEWED BY: XXX
DRAWN BY: JK
DESIGNED BY: JK
AEP PROJECT NUMBER: 213-1882-091
SHEET TITLE: ENLARGED THIRD FLOOR ELECTRICAL PLAN AREA B
SHEET NUMBER

E115
BID PACKAGE 2A
ADDENDUM 2