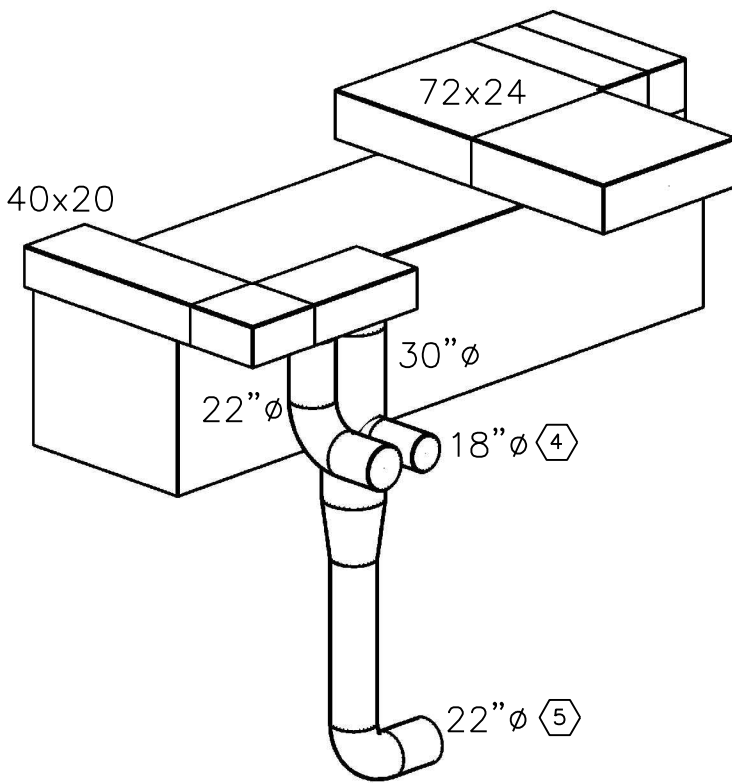
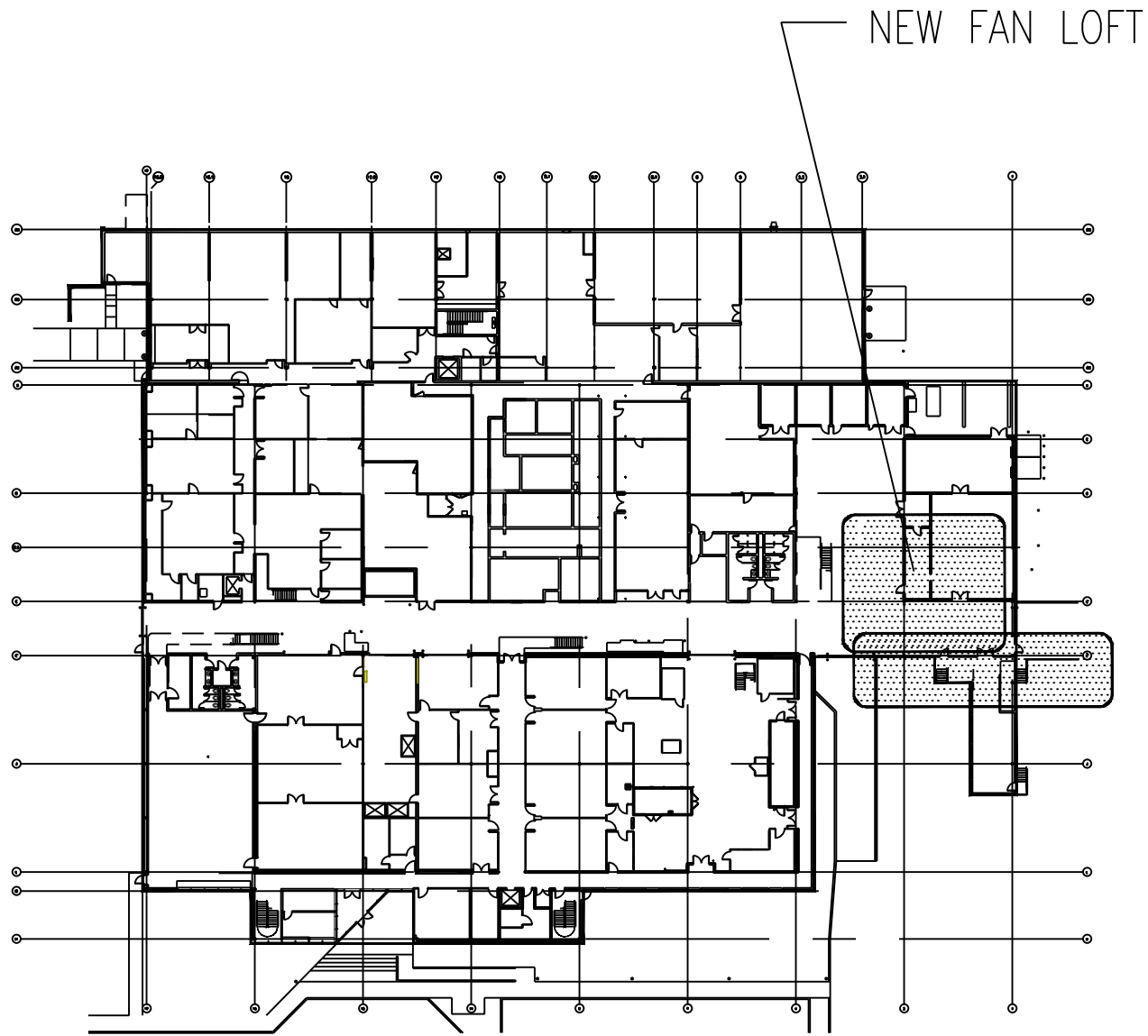


FAN LOFT AND PENTHOUSE
HVAC KEYNOTES:

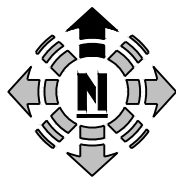
- 1 BYPASS DAMPER TO BE CLOSED FOR FUTURE USE.
- 2 EXHAUST FAN VFD.
- 3 22"x22" DUCT ROUTED UP TO BOTTOM OF 50"x20" BY-PASS AIR DUCT.
- 4 REFER TO DWG M-02 FOR CONTINUATION.
- 5 REFER TO DWG M-01 FOR CONTINUATION.
- 6 FUTURE EXHAUST CONNECTION.
- 7 DUCT UP THRU ROOF TO DISCHARGE STACK.
- 8 EXHAUST DUCTWORK COMING UP TO UNIT FROM BELOW. SEE DWG M-02 FOR CONTINUATION.
- 9 DUCTWORK SHOWN FOR REFERENCE. RE: SHEET M-02 FOR CONTINUATION.
- 10 DUCTWORK SHOWN FOR REFERENCE. RE: SHEET M-01 FOR CONTINUATION.
- 11 COORDINATE PLENUM AND MECHANICAL EQUIPMENT WITH STRUCTURE, ETC.
- 12 ROUTE EXHAUST DUCTS TO EAU-5 PLENUM. PLENUM TO BE CONSTRUCTED FULL SIZE OF UNIT OPENING. PROVIDE FLEXIBLE CONNECTION TO UNIT OPENING.
- 13 FUTURE EXHAUST PLENUM DESIGNED TO ACCOMPANY A BAG-IN BAG-OUT HEPA FILTRATION SYSTEM. ONLY TO BE CONSTRUCTED UPON OWNERS REQUEST.
- 14 FUTURE HOUSING FOR BAG-IN BAG-OUT HEPA FILTERS. ONLY TO BE CONSTRUCTED UPON OWNERS REQUEST.
- 15 FUTURE TRANSITION TO EAU-5 FROM BAG-IN BAG-OUT HEPA FILTRATION SYSTEM. ONLY TO BE CONSTRUCTED UPON OWNERS REQUEST.



MAU-1 RISER DIAGRAM
NOT TO SCALE

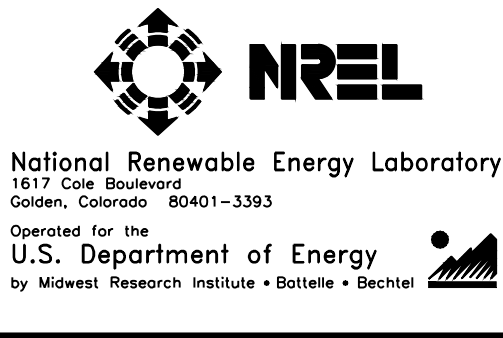


FAN LOFT & PENTHOUSE KEY PLAN
SCALE: NTS



FAN LOFT AND PENTHOUSE HVAC PLAN
SCALE: 1/4" = 1'

NO.	REVISIONS	DATE	BY	APP'D.	BAE	NO.	REVISIONS	DATE	BY	APP'D.	BAE	FILE INFORMATION	ENGINEERING REVIEW
0	50% CONSTRUCTION DOCUMENTS	8-25-11	-	-	-	-	-	-	-	-	-	USER: DLD DATE: 1/20/12 TIME: . XREF'S: .	DESIGNER DLD APPROVAL DATE
1	90% CONSTRUCTION DOCUMENTS	9-30-11	-	-	-	-	-	-	-	-	-	DWG. FILE: FTLB-135-M-03.dwg LAYOUT: .	ENGINEER DLD
2	100% CONSTRUCTION DOCUMENTS	11-3-11	-	-	-	-	-	-	-	-	-	DWG. FOLDER: ACAD VERSION: AUTOCAD 2010	CHECKED BY MTM
3	FOR CONSTRUCTION	1-20-12	-	-	-	-	-	-	-	-	-	PLATFORM: WINDOWS XP BORDER: ZBD22340-3.DWG PLOT SCALE: 1:1 UNITS: ARCH	A/E APPROVED BY .
-	-	-	-	-	-	-	-	-	-	-	-	BORDER: ZBD22340-3.DWG PLOT SCALE: 1:1 UNITS: ARCH	NREL APPROVED BY .
-	-	-	-	-	-	-	-	-	-	-	-	PLOT INFO.: NREL.STB	BLDG. AREA ENG. .



FLTB THERMO-CHEM LABORATORY 101 CONVERSION TASK ORDER 13 FAN LOFT & PENTHOUSE HVAC PLAN	MECH
DRAWING NO. PREFIX FLTB-135-	DRAWING NO. M-03
NREL PROJECT NO. EX2010034	NREL WORK ORDER NO. 13
REVISION NO. 3	A/E PROJECT NO. 11261