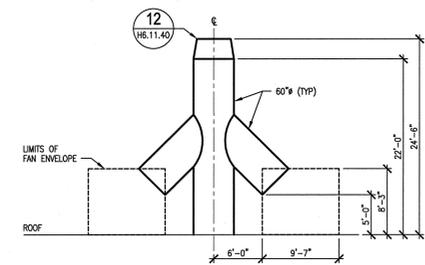
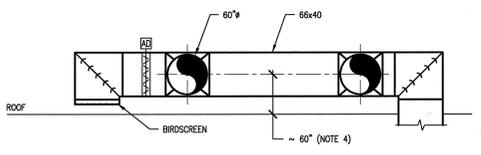


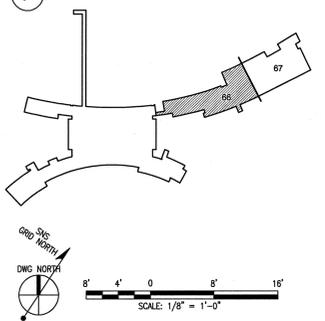
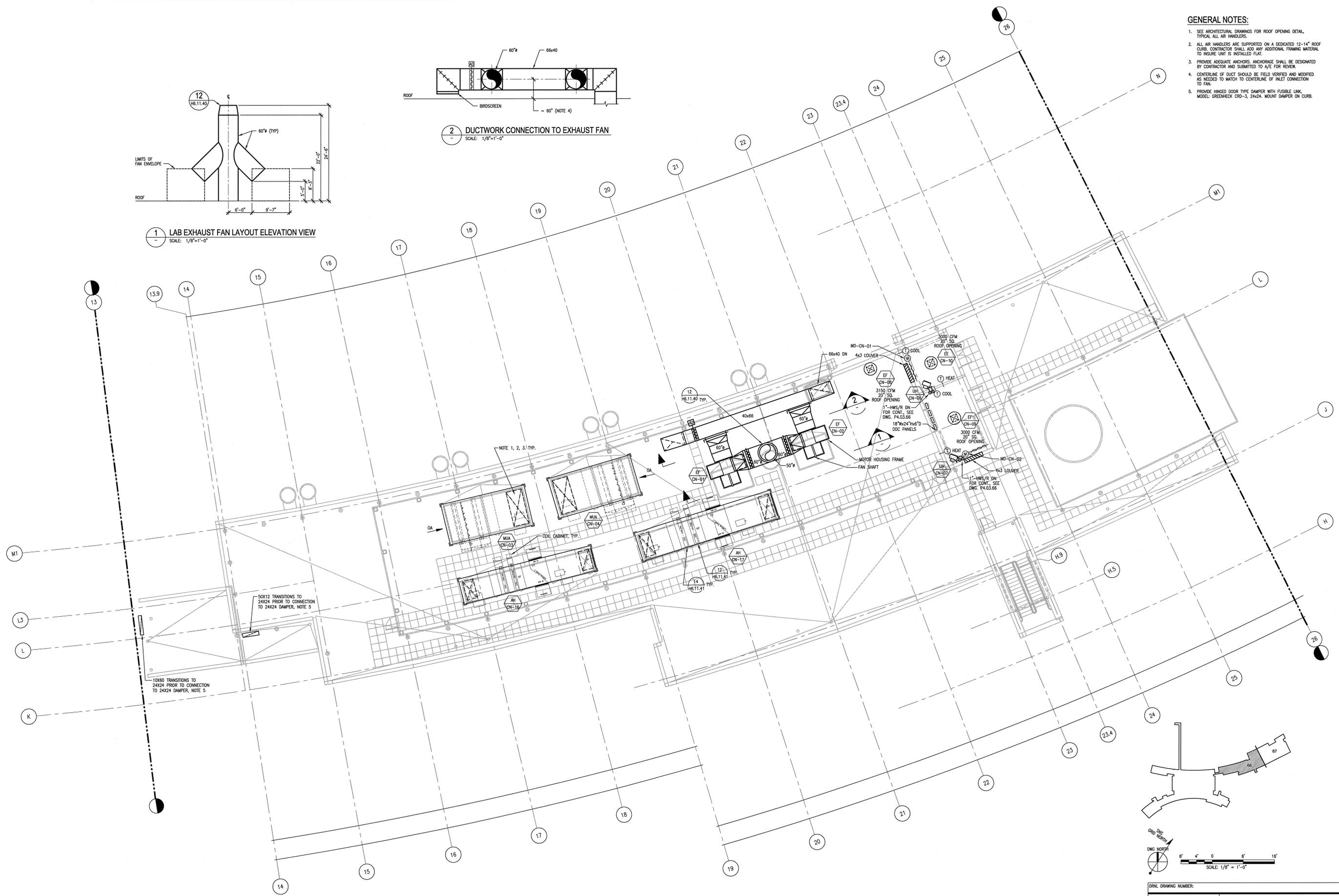
- GENERAL NOTES:**
- SEE ARCHITECTURAL DRAWINGS FOR ROOF OPENING DETAIL. TYPICAL ALL AIR HANDLERS.
  - ALL AIR HANDLERS ARE SUPPORTED ON A DEDICATED 12-14" ROOF CURB. CONTRACTOR SHALL ADD ANY ADDITIONAL FRAMING MATERIAL TO INSURE UNIT IS INSTALLED FLAT.
  - PROVIDE ADEQUATE ANCHORS. ANCHORAGE SHALL BE DESIGNATED BY CONTRACTOR AND SUBMITTED TO A/E FOR REVIEW.
  - CENTERLINE OF DUCT SHOULD BE FIELD VERIFIED AND MODIFIED AS NEEDED TO MATCH TO CENTERLINE OF INLET CONNECTION TO FAN.
  - PROVIDE HINGED DOOR TYPE DAMPER WITH FUSIBLE LINK, MODEL: GREENHECK CRD-3, 24x24. MOUNT DAMPER ON CURB.



**1 LAB EXHAUST FAN LAYOUT ELEVATION VIEW**  
 SCALE: 1/8"=1'-0"



**2 DUCTWORK CONNECTION TO EXHAUST FAN**  
 SCALE: 1/8"=1'-0"



NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BECAME NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

NUMBER OF SECTION OR DETAIL  
 DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN  
**SECTION AND DETAIL KEY**

THIS DOCUMENT CONTROLLED BY  
 CHANGE CONTROL SYSTEM  
 ENGINEERING PROCEDURE

Q	REV	DATE	DESCRIPTION	DSN	CHK	DEPT	PE	DATE	PAK	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
0	-	-	CERTIFIED FOR CONSTRUCTION - 12/9/02	JG	BWJ			12/9/02																			
1	1	12/10/02	REVISED TO REFLECT CHANGES TO THE PLAN																								

RPE  
 DSN  
 DRW  
 CHK  
 DEPT  
 P/E CLG  
 P/J JS  
 REQ  
 DATE 12/9/02  
 UTB JRL  
 DATE 12/9/02

ORNL DRAWING NUMBER:  
 KnightJacobs Joint Venture  
 701 Scoboro Road, MS 8253  
 Oak Ridge, TN 37830  
 865-241-9433  
 fax 865-241-3400  
 M+W Zander U.S. Operations, Inc.  
 548 West Randolph Street  
 Chicago, IL 60661  
 Telephone (312) 877-3200  
 Fax: (312) 877-3825  
**UT-BATTELLE**  
 PROJECT NAME:  
**CENTER FOR NANOPHASE MATERIALS SCIENCES  
 HVAC ROOF PLAN  
 LEVEL 4 - SECTOR 66**  
 1 48 49 50 PLANT BLDG FL SH. OF TYPE CLASS  
 3 H X X 8 8610 1 1 P U  
 51 52 53 A/E DRAWING NUMBER: **H2.04.66** REV 0  
 NC NA

AutoCAD