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ARCHITECT: BUCKLE ARCHITECT  
 COURTIS BURRILL  
 STATE OF CALIFORNIA  
 No. C018559  
 Exp. 09/30/09

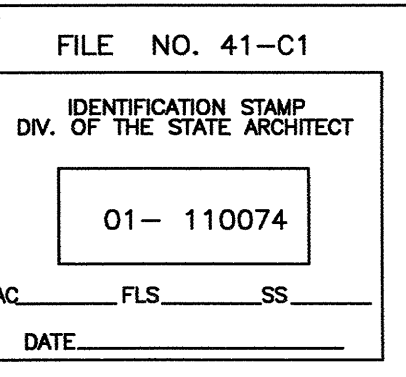
ENGINEER: HORNOLZ, L. JANSSEN  
 MECHANICAL  
 STATE OF CALIFORNIA  
 No. 030802  
 Exp. 12-31-2010

Date signed: 07/27/07

GENERAL NOTES:  
 1. This sheet is part of a set and is not to be used alone.  
 2. This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicates drawings have been released for construction.  
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REVISIONS	DATE
ADDENDUM NO. 1	08/19/09
ADDENDUM NO. 2	11/06/09

DRAWING STATUS	DATE
ISSUE FOR CHECK	08/29/08
ISSUE FOR BIDDING	01/22/09
CONSTRUCTION	08/19/09



**BUILDINGS 5 & 6  
 RENOVATIONS**  
 San Mateo County Community  
 College District

BID ADDENDA

**CAÑADA COLLEGE**  
 4200 Farm Hill Boulevard  
 Redwood City, CA 94061

MECHANICAL  
 DUCTWORK PLAN  
 THIRD FLOOR

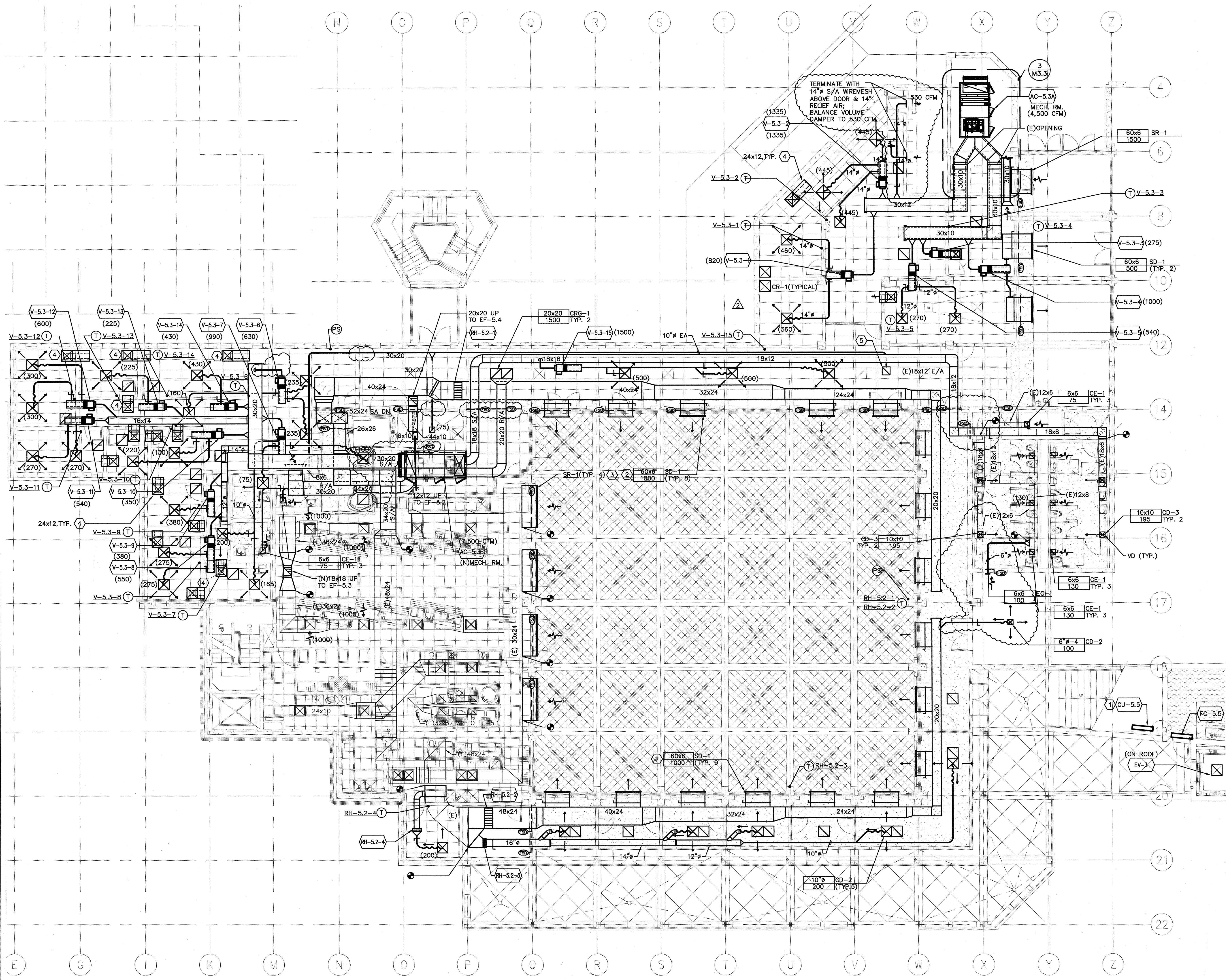
Date: 08/29/08  
 Scale: AS NOTED  
 Project Number: 07013  
 Drawing Number: M2.3d

**GENERAL SHEET NOTES**

- SPACE BETWEEN THE CORRIDOR CEILING AND THE FLOOR ABOVE IS UTILIZED AS A RETURN AIR PLENUM PER CBC 1017.4.1(3).
- VERIFY ADEQUATE CLEARANCE IS AVAILABLE THROUGHOUT RETURN AIR PATHWAY. VERIFY BLOCKAGES ARE NOT PRESENT. NOTIFY ARCHITECT IF RETURN AIR PATHWAY IS COMPROMISED.

**SHEET KEYNOTES**

- LOCATE CONDENSING UNIT IN LOUVERED ROOM BENEATH STAIRWELL. REFER TO ARCHITECTURAL DRAWINGS.
- ACTIVE LENGTH OF SUPPLY DIFFUSER IS 5'-0" LONG. PROVIDE FULL SIZE ACOUSTICALLY LINED PLENUM 2 FEET DEEP FROM DIFFUSER FACE. ENLARGE EXISTING OPENINGS AS REQUIRED.
- ACTIVE LENGTH OF RETURN GRILLE IS 8'-0" LONG. ENLARGE EXISTING OPENINGS AS REQUIRED. TIE INTO EXISTING TRANSFER AIR PLENUM.
- ACOUSTIC TRANSFER AIR BOOT. SEE DETAIL 8/M601.
- (E)18x18 UP TO EF-5.5



**SUPPLY DIFFUSER SIZING TABLE**

TAG	NECK SIZE	CFM RANGE
CD-1	8"	0-210
CD-1	10"	211-325
CD-1	12"	326-425
CD-1	14"	426-560
CD-1	16"	561-710

**RETURN/EXHAUST REGISTER SIZING TABLE**

TAG	NECK SIZE	CFM RANGE
CR-1	8"	0-175
CR-1	10"	176-275
CR-1	12"	276-400
CR-1	14"	401-540
CR-1	16"	541-700

- NOTES:  
 1. ALL 24x24 CEILING SUPPLY DIFFUSERS SHALL BE OF TYPE CD-1 UNLESS OTHERWISE NOTED.  
 2. ALL BRANCH DUCTWORK SHALL BE THE SAME SIZE AS THE DIFFUSER NECK SIZE UNLESS OTHERWISE NOTED.  
 3. SEE DETAIL 5/M6.2.  
 4. SEE DIFFUSER, GRILLE AND REGISTER SCHEDULE ON SHEET M4.1.

- NOTES:  
 1. ALL CEILING 24x24 RETURN/EXHAUST REGISTERS SHALL BE OF TYPE CR-1 UNLESS OTHERWISE NOTED.  
 2. ALL BRANCH DUCTWORK SHALL BE THE SAME SIZE AS THE REGISTER NECK SIZE UNLESS OTHERWISE NOTED.  
 3. SEE DETAIL 5/M6.2.  
 4. SEE DIFFUSER, GRILLE AND REGISTER SCHEDULE ON SHEET M4.1.

**1 MECHANICAL DUCTWORK PLAN - THIRD FLOOR**  
 SCALE: 1/8"=1'-0"