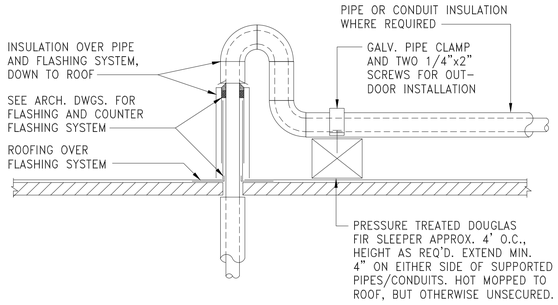
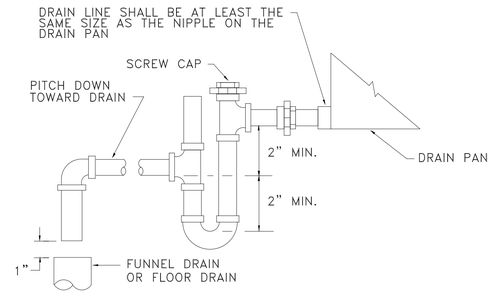
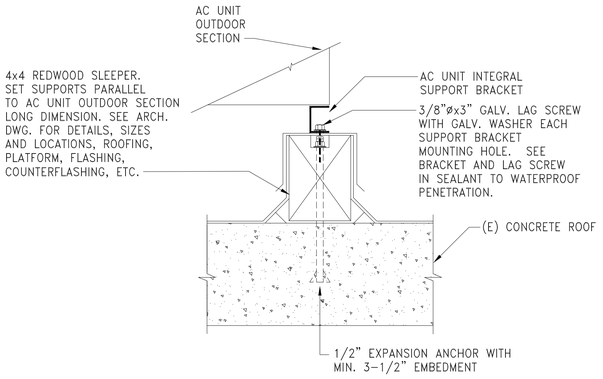


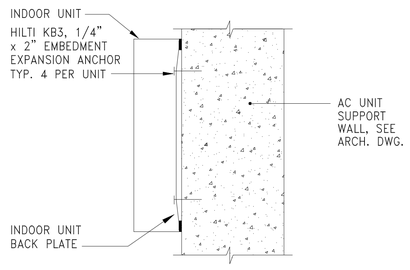
C1 NOT TO SCALE PIPE/CONDUIT THROUGH/ON ROOF



B1 NOT TO SCALE COOLING COIL CONDENSATE DRAIN TRAP



A1 NOT TO SCALE ACC UNIT OUTDOOR SECTION SUPPORT



NOTES: 1. FOR COMPLETE INSTALLATION PROCEDURE, REFER TO MANUFACTURER RECOMMENDATION.

A2 NOT TO SCALE AC UNIT INDOOR SECTION SUPPORT

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT / HOUR
CC	COOLING COIL
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CLR	CLEAR
CONC	CONCRETE
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DP	DIFFERENTIAL PRESSURE
DPS	DIFFERENTIAL PRESSURE SWITCH
DWG	DRAWING
E	EXHAUST
EA	EXHAUST AIR
EAD	EXHAUST AIR DAMPER
EDB	ENTERING DRY BULB
ELECT	ELECTRICAL
EQUIP	EQUIPMENT
EWB	ENTERING WET BULB
FPM	FEET PER MINUTE
FT (')	FOOT OR FEET
H, HT	HEIGHT
HP	HORSEPOWER
IN (")	INCH OR INCHES
LBS	POUNDS
LDB	LEAVING DRY BULB
LWB	LEAVING WET BULB
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	1000 BTUH
MCA	MINIMUM CIRCUIT AMPS
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OC	ON CENTER
RA	RETURN AIR
REQD	REQUIRED
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SF	SQUARE FEET, SUPPLY FAN
SIM	SIMILAR
SP	STATIC PRESSURE
TCP	TEMPERATURE CONTROL PANEL
TEMP	TEMPERATURE
THRU	THROUGH
TYP	TYPICAL
WG	WATER GAUGE
WT	WEIGHT
W/	WITH
W/O	WITHOUT
(E)	EXISTING
(N)	NEW
@	AT
#	NUMBER
&	AND
∅	DIAMETER, PHASE
°F	DEGREE FAHRENHEIT

LEGEND

- ARROW INDICATES DIRECTION OF FLOW IN PIPE. LEADER INDICATES DOWNWARD SLOPE.
- PIPE SIZE CHANGE
- PIPE INTO PLANE
- PIPE OUT OF PLANE
- PIPE DIRECTION CHANGE
- PIPE BRANCH – OUT OF PLANE
- PIPE BRANCH – IN TO PLANE
- PIPE BRANCH – IN PLANE
- (T) ROOM THERMOSTAT. MOUNT ADJACENT TO ROOM LIGHT SWITCH AT 4'-0" AFF UON.
- (1) SHEET NOTE TAG
- FCU 1 EQUIPMENT TYPE / EQUIPMENT NO. } EQUIPMENT TAG
- FAN

DRAWING INDEX

GENERAL NOTES

1. UNLESS OTHERWISE NOTED, ALL EXISTING INSTALLATION SHALL REMAIN.
2. DUCT AND PIPE INSULATION FIRE HAZARD RATINGS SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION. FLAME SPREAD – MAXIMUM 25. SMOKE CONTRIBUTED – MAXIMUM 50. SMOKE DEVELOPED – MAXIMUM 50.
3. PROVIDE FIRE-STOPPING OF ALL PIPE PENETRATIONS THROUGH FIRE RATED WALLS IN ACCORDANCE WITH SPECIFIED REGULATIONS AND SYSTEMS.
4. COORDINATE WITH ELECTRICAL LIGHT AND POWER CONDUIT RUNS, LIGHT FIXTURES, SPRINKLER PIPING, PLUMBING PIPING, AND STRUCTURE.

SEISMIC RESTRAINT NOTES

ALL PIPES, DUCTS, AND CONDUITS SHALL BE SUPPORTED AND BRACED PER THE SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEM". A COPY OF THE SEISMIC GUIDELINES PUBLISHED BY SMACNA AND APPROVED BY DSA SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB SITE AT ALL TIMES.

ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA.

THE TOTAL DESIGN LATERAL SEISMIC FORCE SHALL BE DETERMINED FROM SECTION 1632A.2 CALIFORNIA BUILDING CODE (CBC) 2001. FORCES SHALL BE APPLIED IN THE HORIZONTAL DIRECTIONS, WHICH RESULT IN THE MOST CRITICAL LOADINGS FOR DESIGN.

THE VALUE OF Ap (COMPONENT AMPLIFICATION FACTOR) AND Rp (COMPONENT RESPONSE MODIFICATION FACTOR) OF SECTION 1632A.2 SHALL BE SELECTED FROM TABLE 16A-O, CBC 2001. THE VALUE OF Ip (SEISMIC IMPORTANCE FACTOR) AND Ca (SEISMIC COEFFICIENT) SHALL BE SELECTED FROM TABLE 16A-K AND 16A-Q, CBC 2001, RESPECTIVELY.

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL /ELECTRICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE DIVISION OF THE STATE ARCHITECT.

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architect/engineer seals

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LICENSED ARCHITECT – CHERYL ANN LENTINI – C-29920 – REN. 1/31/09 – STATE OF CALIFORNIA

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project title

SMCCCD
COLLEGE OF SAN MATEO
FINE ARTS COMPLEX BUILDINGS 2 & 4 RENOVATIONS INCREMENT 2
344 CSM DRIVE
SAN MATEO, CA 94402

agency/approvals

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APPL. No. 01 – 109243
AC_____FLS_____SS_____
DATE_____

date	description
03.13.2008	PRICING SET
05.08.2008	DSA SUBMITTAL
10.10.2008	DSA BACKCHECK
11.04.2010	RECORD DRAWINGS

sheet title

LEGEND, ABBREVIATIONS, GENERAL NOTES, DRAWING INDEX

project no. 2707.01

sheet no. M-001

Xref P:\project\07069-CSM\xref\2707-INC2-TB.dwg