SYMBOLS LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
		SUPPLY AIR REGISTER/ GRILLE
		RETURN AIR REGISTER/ GRILLE
		EXHAUST AIR REGISTER/ GRILLE
		DUCT RISE
		DUCT DROP
		TRANSITION FROM SQUARE TO ROUND
		ACCESS DOOR/HATCH
XX / XX		EQUIPMENT IDENTIFICATION / EQUIPMENT NUMBER
M		FURNISHED & INSTALLED BY MECHANICAL
WxD		DUCT (1ST FIGURE, SIDE SHOWN 2ND FIGURE, SIDE NOT SHOWN.)(WIDTHxDEPTH)
		ACOUSTICAL LINING DUCT DIMENSIONS SHOWN NET FREE AREA (EX. 10"x10"" DUCT WITH 1-1/2" INTERNAL LINING = 13"x13" OUTSIDE DIMENSION)
		DIRECTION OF FLOW
R		INCLINED RISE (R) OR DROP (D). ARROW IN DIRECTION OF AIR FLOW.
		DUCT TRANSITIONS
S R		STANDARD BRANCH FOR SUPPLY & RETURN. (NO SPLITTER)
		VOLUME DAMPER. (MANUAL OPERATION, LOCKING QUADRANT)
		TURNING VANES
		FLEX DUCT
	B.D.D.	BACKDRAFT DAMPER

NOTE: NOT ALL SYMBOLS MAY BE USED ON THIS PROJECT.

ABBREVIATIONS

R.A.	RETURN AIR
S.A.	SUPPLY AIR
NTS	NOT TO SCALE
ABV.	ABOVE
AC, A/C	AIR CONDITIONING
A.F.F.	ABOVE FINISHED FLOOR
BEL	BELOW
DN	DOWN
EF	EXHAUST FAN
EA	EXHAUST AIR
FLR	FLOOR
W/, W/O	WITH, WITHOUT
N.I.C.	NOT IN CONTRACT
OBD	OPPOSED BLADE DAMPER
U/C	UNDER CUT
U.T.R.	UP THROUGH ROOF
V.T.R.	VENT THROUGH ROOF
O.S.A.	OUTSIDE AIR
W.G.	WATER GAUGE
B.D.D.	BACKDRAFT DAMPER

NOTE: NOT ALL SYMBOLS OR ABBREVIATIONS MAY BE USED ON THIS PROJECT.

DSA NOTES

1. AIR FILTERS SHALL BE A STATE FIRE MARSHALL APPROVED AND LISTED TYPE. PRE-FORMED FILTERS HAVING COMBUSTIBLE FANNING SHALL BE TESTED AS A COMPLETE ASSEMBLY. AIR FILTERS IN ALL OCCUPANCIES SHALL BE CLASS 2 OR BETTER (AS SHOWN IN STATE FIRE MARSHALL LISTING). ALL FILTERS SHALL BE ACCESSIBLE TO CLEANING OR REPLACEMENT, AND BE OF A STANDARD SIZE.
2. ALL DUCTWORK SHALL BE SUPPORTED IN ACCORDANCE WITH THE STANDARDS SET FORTH IN 2007 CALIFORNIA MECHANICAL CODE TABLE 6-7 (CMC).
3. ALL DUCTWORK AND PIPING SHALL BE SEISMICALLY BRACED PER SMACNA SEISMIC RESTRAINT GUIDELINES, 2000 SUPPLEMENT, SEISMIC HAZARD LEVEL "AA". (TYP.)
4. 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.
5. WHERE BRACING DETAILS ARE NOT SHOWN ON THE DRAWINGS OR IN THE GUIDELINES, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT, STRUCTURAL ENGINEER AND DSA FIELD ENGINEER.
6. ALL EXPANSION ANCHORS REQUIRE SPECIAL INSPECTION. SEE STRUCTURAL DRAWINGS.
7. SYSTEMS PROVIDING HEATING OR COOLING AIR IN EXCESS OF 2000 CFM TO ENCLOSED SPACES WITHIN BUILDINGS SHALL BE EQUIPPED WITH AN AUTOMATIC SHUTOFF. AUTOMATIC SHUTOFF SHALL BE ACCOMPLISHED BY INTERRUPTING THE POWER SOURCE OF THE AIR-MOVING EQUIPMENT UPON DETECTION OF SMOKE IN THE MAIN SUPPLY AIR DUCT SERVED BY SUCH EQUIPMENT. SMOKE DETECTORS SHALL DETECT PRODUCTS OF COMBUSTION OTHER THAN HEAT AND SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE AND SHALL BE LABELED BY AN APPROVED AGENCY FOR AIR DUCT INSTALLATION. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. SUCH DEVICES SHALL BE COMPATIBLE WITH THE OPERATING VELOCITIES, PRESSURES, TEMPERATURES, AND HUMIDITIES OF THE SYSTEM. THE SMOKE DETECTORS REQUIRED SHALL BE SUPERVISED BY THE FIRE ALARM SYSTEM AND SHALL ACTIVATE THE FIRE ALARM SYSTEM (SECTION 609, CMC). ALL DUCT DETECTORS SHALL COMPLY WITH NFPA 72. ALL DUCT DETECTORS SHALL BE INSTALLED WITHIN THE BUILDING ENVELOPE. DUCT DETECTORS ARE NOT RATED FOR EXTERIOR INSTALLATIONS. (TYP.)
8. FIRE STOPPING SEALANT COMPLYING WITH THE CBC SHALL BE USED ON ALL COMPONENTS PENETRATING RATED ASSEMBLIES.
9. INSULATION APPLIED TO THE EXTERIOR SURFACE OF DUCTS SHALL HAVE A FLAME-SPREAD RATING OF NOT MORE THAN 25 AND A SMOKE-DENSITY RATING OF NOT MORE THAN 50 WHEN TESTED AS A COMPOSITE ASSEMBLY INCLUDING INSULATION, FACING MATERIALS, TAPES AND ADHESIVES AS NORMALLY APPLIED (SEC. 605.0, CMC).
10. ALL SMOKE/FIRE DAMPERS SHALL BE A STATE FIRE MARSHAL APPROVED AND LISTED TYPE. INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. MANUFACTURER'S INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTING AUTHORITY. DETAILS SHOWN ARE FOR REFERENCE ONLY.
11. CORRIDORS SHALL NOT BE USED TO CONVEY AIR TO OR FROM ROOMS IF THE CORRIDOR IS REQUIRED TO BE OF FIRE RESISTIVE CONSTRUCTION. (SEC 602.1 CMC)
12. INSTALL ALL THERMOSTATS AT 4'-0" ABOVE FINISHED FLOOR WHERE INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE ARCHITECT. SEE DETAIL 1, THIS SHEET.
13. ANY AND ALL DEVIATIONS IN CONSTRUCTION METHODS FROM THESE DSA APPROVED CONSTRUCTION DOCUMENTS SHALL BE SUBMITTED TO DSA FOR APPROVAL IN ACCORDANCE WITH SECTION 4-338, PART 1, TITLE 24, CCR. ALL COSTS ASSOCIATED WITH THESE SUBMITTALS SHALL BE BORNE BY THE CONTRACTOR. (TYP.)
14. PROVIDE THROUGH-PENETRATION FIRE STOPS IN ACCORDANCE WITH 2007 CBC CHAPTER 7.

DUCT NOTES

1. PROVIDE TURNING VANES IN RECTANGULAR DUCTS WHERE CHANGE IN DIRECTION RESULTS IN ANGLES EQUAL TO OR GREATER THAN 90 DEGREES.
2. DUCT TRANSITIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT SMACNA STANDARDS AND SHALL BE CLASSIFIED AS "LOW-LOSS FITTINGS".
3. ROUND DUCT ELBOWS SHALL BE EITHER SMOOTH DIE STAMPED OR 5-PIECE, THREE-PIECE ELBOWS WILL NOT BE ACCEPTABLE.
4. NO FLEXIBLE DUCTWORK SHALL BE INSTALLED IN AREAS WITH HARD-LID OR PLASTER TYPE CEILINGS.
5. CONTRACTOR SHALL TRANSITION DUCTWORK WHERE REQUIRED TO AVOID EXISTING OBSTACLES. ALL NEW DUCTWORK SHALL BE SIZED USING THE EQUAL FRICTION METHOD AND SIZED AT 0.08" PRESSURE DROP PER 100 FEET OF DUCTWORK. ALL NEW TRANSITIONS SHALL BE SHOWN ON CONTRACTOR SHOP DRAWINGS. (TYP.)
6. INSTALL ALL DUCTWORK & PIPING AS HIGH AS POSSIBLE. WHERE DUCTWORK & PIPING ARE TO BE LOCATED IN SAME AREA, PIPING SHALL BE INSTALLED ABOVE DUCTWORK. (U.N.O.)
7. THE AIR DISTRIBUTION DUCTS SHALL BE CONSTRUCTED, INSTALLED, SEALED, AND INSULATED AS PROVIDED IN SMACNA DESIGN GUIDE FOR DUCTWORK CONSTRUCTION, LATEST EDITION.
8. ALL DUCTWORK EXPOSED TO VIEW SHALL BE INTERNALLY LINED. DUCT LINER SHALL BE 1" MINIMUM THICKNESS AND SHALL BE COATED WITH ANTI-MICROBIAL MEDIUM AND RATED FOR 4000 FPM VELOCITY. (TYP.)
9. PROVIDE AND INSTALL LOCKING QUADRANT MANUAL VOLUME DAMPERS AT EACH DUCT BRANCH SERVING A DIFFUSER, REGISTER, GRILLE, OR OTHER OUTLET, AS REQUIRED FOR BALANCING AIRFLOW. PROVIDE AND INSTALL OPPOSED BLADE BALANCING DAMPERS ON ALL DIFFUSERS, GRILLES, AND REGISTERS ONLY WHEN LOCKING QUADRANT MANUAL VOLUME DAMPERS CANNOT BE INSTALLED.
10. ALL DUCT DIMENSIONS SHOWN ARE NET CLEAR INSIDE DIMENSIONS. MAKE ALLOWANCES FOR DUCT LINER THICKNESSES WHEN CONSTRUCTING DUCTWORK.
11. MAXIMUM FLEXIBLE DUCTWORK LENGTH SHALL BE 7'-0".
12. ALL DUCTWORK SHALL BE CONSTRUCTED OF A MINIMUM 24 GAUGE SHEET METAL. (U.N.O.)
13. PROVIDE ALL DUCT TRANSITIONS AS REQUIRED TO CONNECT ROUND DUCTWORK TO SQUARE NECK OF DIFFUSERS. PROVIDE AND INSTALL ALL DIFFUSER PLENUMS AS REQUIRED WHERE TYPICAL RADIUS ELBOWS CANNOT BE INSTALLED (TYP.)

APPLICABLE CODES

2007 Building Standards Administrative Code, Part 1, Title 24 C.C.R.

2007 California Building Code (CBC), Part 2, Title 24 C.C.R.
(2006 International Building Code Volumes 1-3 and 2007 California Amendments)

2007 California Electrical Code (CEC), Part 3, Title 24 C.C.R.
(2005 National Electrical Code and 2007 California Amendments)

2007 California Mechanical Code (CMC), Part 4, Title 24 C.C.R.
(2006 International Mechanical Code and 2007 California Amendments)

2007 California Plumbing Code (CPC), Part 5, Title 24 C.C.R.
(2006 International Plumbing Code and 2007 California Amendments)

2007 California Energy Code, Part 6, Title 24 C.C.R.

2007 California Elevator Code (Part 7, Title 24 C.C.R.

2007 California Fire Code, Part 9, Title 24 C.C.R.
(2006 International Fire Code and 2007 California Amendments)

2007 California Referenced Standards, Part 12, Title 24 C.C.R.

NFPA 13, 2002 Edition, Automatic Sprinkler Systems

NFPA 14, 2007 Edition, Standpipe Systems

NFPA 24, 2007 Edition, Private Fire Mains

NFPA 72, 2007 Edition, National Fire Alarm Code (California Amended)

EQUIPMENT ANCHORAGE NOTE

ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE ANCHORED OR BRACED TO MEET THE HORIZONTAL AND VERTICAL FORCES PRESCRIBED IN THE 2007 CBC, SECTION 1614A.1.13 AND ASCE 7-05 SECTIONS 13.3, 13.4 & 13.6.

THE ATTACHMENT OF THE FOLLOWING ITEMS SHALL BE DESIGNED TO RESIST THE FORCES PRESCRIBED ABOVE, BUT NEED NOT BE DETAILED ON THE PLANS:

A. EQUIPMENT WEIGHING LESS THAN 400 POUNDS SUPPORTED DIRECTLY ON THE FLOOR OR ROOF.
B. FURNITURE REQUIRED TO BE ATTACHED IN ACCORDANCE WITH PART 2, TITLE 24, C.C.R..
C. TEMPORARY OR MOVABLE EQUIPMENT.
D. EQUIPMENT WEIGHING LESS THAN 20 POUNDS SUPPORTED BY VIBRATION ISOLATORS.
E. EQUIPMENT WEIGHING LESS THAN 20 POUNDS SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL/ELECTRICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE DIVISION OF THE STATE ARCHITECT.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO RESIST THE FORCES PRESCRIBED IN ASCE 7-05 SECTION 13.3 AD DEFINED IN ASCE 7-05 SECTION 13.6.8, 13.6.7, AND 13.6.5.5, ITEM 6, RESPECTIVELY.

THE BRACING AND ATTACHMENTS TO THE STRCTURE SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS WITH AN OPA #, SUCH AS MASON INDUSTRIES (OPA 349), OR ISAT (OPA 485) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

COPIES OF THE MANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING HANGING AND BRACING OF THE PIPE, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF THE RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDA OR CHANGE ORDER APPROVED BY THE OFFICE OF STATE ARCHITECT, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE OFFICE OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.

UNLESS SPECIFICALLY SHOWN ON THESE PLANS, NO STRUCTURAL MEMBER SHALL BE CUT, NEITHER DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT.

GENERAL NOTES

1. THESE DRAWINGS AND SPECIFICATIONS ARE DIAGRAMMATIC TO THE EXTENT THAT SOME ITEMS SHOWN ON PLANS ARE IN A MANNER TO TO PROVIDE CLARITY ONLY. ACTUAL FIELD ROUTING AND INSTALLATION SHALL BE PROVIDED IN COORDINATION WITH OTHER TRADES AND ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL PROPERLY INTERFACE WITH STRUCTURE AND ALL OTHER SYSTEMS TO ACCOMPLISH THE INTENT OF THIS DESIGN. LOCATIONS OF HVAC EQUIPMENT AND DUCTING MAY VARY DUE TO ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL NOT SCALE OFF OF THESE DRAWINGS TO PLACE OR OTHERWISE LOCATE EQUIPMENT HANGERS, ANCHORS OR ANY OTHER SUPPORT SYSTEM. FIELD VERIFY ALL DIMENSIONS, EQUIPMENT WEIGHTS, LOCATIONS AND CONDITIONS PRIOR TO COMMENCEMENT OF WORK AND ORDERING MATERIALS. MAKE ALL NECESSARY ACCOMMODATIONS TO PROVIDE FOR A COMPLETE AND OPERATING SYSTEM AS INTENDED BY THESE DRAWINGS AND SPECIFICATIONS.
2. SHOULD CONFLICT OCCUR BETWEEN DRAWINGS AND SPECIFICATIONS THE MOST STRINGENT OCCURRENCE SHALL APPLY. PLANS SHALL BE REVIEWED THOROUGHLY PRIOR TO BID. ALL DISCREPANCIES/CONFLICTS FOUND SHALL BE INDICATED AND REQUESTS FOR CLARIFICATION SHALL BE MADE BY THE CONTRACTOR TO THE ARCHITECT PRIOR TO SUBMISSION OF BID. ALL DISCREPANCIES/CONFLICTS BETWEEN DRAWINGS AND OR SPECIFICATIONS NOT BROUGHT TO THE ATTENTION OF THE ENGINEER OR ARCHITECT SHALL CONFIRM THAT THE MOST STRINGENT REQUIREMENT HAS BEEN INCLUDED IN THE CONTRACTOR'S BID PRICE AND WILL NOT BE ALLOWED AS A CHANGE ORDER TO THE PROJECT. (TYP.)
3. CONTRACTOR SHALL COORDINATE WORK WITH ALL TRADES PRIOR TO START OF WORK.
4. CONTRACTOR SHALL COMPLY AND ADHERE FULLY TO RESTRICTIONS AND LIMITATIONS OF WORK SCHEDULING AND ACCESS TO RESTRICTED AREAS. CONTRACTOR SHALL COORDINATE ALL SCHEDULING AND ACCESS ISSUES WITH OWNER.
5. CONTRACTOR SHALL PREPARE AND SUBMIT SCALED, PROFESSIONAL SHOP DRAWINGS TO THE ARCHITECT PRIOR TO COMMENCEMENT OF ANY AND ALL WORK. SHOP DRAWINGS SHALL BE COORDINATED WITH ALL OTHER AFFECTED TRADES PRIOR TO SUBMISSION FOR APPROVAL.
6. CONDUCT A THOROUGH VERIFICATION OF ALL EXISTING CONDITIONS PRIOR TO BID OF PROJECT. NO WORK SHALL PROCEED WITHOUT PERFORMING EXTENSIVE FIELD VERIFICATION.
7. ALL PRODUCT SUBSTITUTIONS SHALL BE PRE-APPROVED BY THE ARCHITECT PRIOR TO GENERATION OF SUBMITTAL PACKAGES. A LIST OF PRE-APPREOVED SUBSTITUTIONS SHALL BE SUBMITTED WITH BID PRICING. (TYP.)
8. COORDINATE ALL INTERRUPTION OF BUILDING UTILITY SERVICES WITH OWNER PRIOR TO ANY AND ALL SHUTDOWN.
9. MANUFACTURER'S SERVICE AND OPERATING CLEARANCES SHALL BE MAINTAINED ON ALL MECHANICAL AND ELECTRICAL EQUIPMENT.
10. ALL ROOF CURBS ON WHICH MECHANICAL EQUIPMENT IS INSTALLED SHALL BE ORDERED TO MATCH ROOF SLOPE.
11. LOCATIONS OF DIFFUSERS AND GRILLES SHALL BE LOCATED PER ARCHITECTURAL DRAWINGS. ALL DISCREPANCIES FOUND BETWEEN THE ARCHITECTURAL REFLECTED CEILING PLANS AND THE MECHANICAL FLOOR PLANS, SHALL BE SUPERSEDED BY THE LOCATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL ADDITIONAL FITTINGS, DUCTWORK, SPECIALTIES, ETC. AS REQUIRED TO INSTALL GRILLES IN LOCATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS. (TYP.)
12. ALL CONCRETE EQUIPMENT PADS ASSOCIATED WITH MECHANICAL EQUIPMENT SHALL BE A MINIMUM 4" HIGH ABOVE FINISHED FLOOR LEVEL OR ADJACENT GRADE AND SHALL EXTEND A MINIMUM OF 12" BEYOND THE FOOTPRINT OF THE EQUIPMENT ON ALL SIDES TO ENSURE PROPER ANCHOR BOLT EDGE DISTANCES ARE PROVIDED (U.N.O.). THIS INCLUDES ALL EQUIPMENT PADS THAT ARE ISOLATED FROM THE SURROUNDING SLAB. SEE STRUCTURAL FOR EQUIPMENT PADS THAT ARE ISOLATED. SEE STRUCTURAL DRAWINGS FOR EQUIPMENT PAD CONSTRUCTION DETAILS. (TYP.)
13. VIBRATION ISOLATION AND SEISMIC CONTROL ASSEMBLY SUBMITTAL SHALL INCLUDE CALCULATIONS AND DRAWINGS SIGNED AND STAMPED BY A LICENSED STRUCTURAL ENGINEER.
14. PROVIDE AND INSTALL ACCESS DOORS FOR ALL SMOKE FIRE DAMPERS AND DUCT MOUNTED SMOKE DETECTORS. MINIMUM SIZE AS REQUIRED FOR SERVICE AND MAINTENANCE. COORDINATE SELECTION AND COLORS WITH ARCHITECT. COORDINATE MASKING AND PAINTING WITH PAINTING CONTRACTOR. LABEL ALL ACCESS DOORS.
15. ALL AIR MOVING EQUIPMENT SHALL BE CHECKED AND BALANCED BY A CERTIFIED INDEPENDENT BALANCING COMPANY THAT SPECIALIZES IN THIS TYPE OF WORK. BALANCING CONTRACTOR SHALL NOT BE AFFILIATED WITH OR A MEMBER OF ANY OTHER CONTRACTOR ON THIS PROJECT.
16. PRESSURE TEST ALL DUCTWORK IN ACCORDANCE WITH SMACNA "HVAC AIR DUCT LEAKAGE TEST MANUAL", LATEST EDITION. TAKE ALL CORRECTIVE ACTION TO ENSURE THAT DUCT LEAKAGE DOES NOT EXCEED 3%.
17. ALL ROOF CURBS ON THIS PROJECT SHALL BE ORDERED PITCHED TO MATCH ROOF SLOPE.

EQUIPMENT NOTES

1. CONTRACTOR SHALL PROVIDE AND INSTALL VARIABLE SPEED DRIVES AND ASSOCIATED ELECTRONIC AND CONTROL COMPONENTS FOR THE SPECIFIED MECHANICAL EQUIPMENT. ALL EQUIPMENT & PANELS EXPOSED TO WEATHER SHALL BE INSTALLED IN NEMA 3R ENCLOSURES. ALL DRIVES INSTALLED IN INTERIOR SPACES SHALL BE INSTALLED IN NEMA 12 ENCLOSURES.
2. ALL A/C UNITS SHALL BE PROVIDED WITH OSHPD PRE-APPROVED VIBRATION ISOLATION CURBS, NEMA STARTER ASSEMBLIES, POWER EXHAUST AND ECONOMIZER WITH ECONOMIZER CONTROLS, UNLESS NOTED OTHERWISE. (TYP.)
3. ALL FAN SYSTEMS EXHAUSTING AIR FROM THE BUILDING OR OPERATING IN A COMPANION OR PARALLEL ARRANGEMENT SHALL BE PROVIDED WITH BACKDRAFT DAMPERS.
4. PROVIDE AND INSTALL FLEXIBLE DUCT CONNECTIONS ON ALL FAN OUTLETS AND INLETS. MAINTAIN A MINIMUM OF 1" OF MOVEMENT IN FLEXIBLE CONNECTIONS TO ISOLATE CONNECTED DUCTWORK FROM THE EQUIPMENT. (TYP.)

MECHANICAL SHEET TITLE INDEX

SHEET NO.	DESCRIPTION
M0.1	MECHANICAL GENERAL NOTES, LEGENDS, AND ABBREVIATIONS
M0.2	MECHANICAL EQUIPMENT SCHEDULES
M0.3	FITNESS BUILDING TITLE 24 REPORTS
M0.4	FITNESS BUILDING TITLE 24 REPORTS
M0.5	CLASSROOM BUILDING TITLE 24 REPORTS
M0.6	CLASSROOM BUILDING TITLE 24 REPORTS
M2.1	MECHANICAL FLOOR PLAN
M2.3	MECHANICAL ROOF PLAN
M5.0	MECHANICAL DETAILS

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IDENTIFICATION STAMP
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LICENSED ARCHITECT — LEVON S. FLEMING — NO. C20668 — 08-31-11 RENEWAL DATE — STATE OF CALIFORNIA

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Del Mar High School

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MECHANICAL
GENERAL NOTES, LEGENDS,
AND ABBREVIATIONS

Project Number	20318
Date	FEBRUARY, 2010
Drawn By	BM
Checked By	BM

M0.1

Scale	N.T.S.