- 2. ALL POSSIBLE SOURCES OF NOISE ARE TO BE REVIEWED AND ADDRESSED SO THAT THE SYSTEMS ARE OPERATING QUIETLY INCLUDING THE FOLLOWING:
- A. ALL FAN SYSTEMS INCLUDING FAN COIL UNITS, AIR HANDLING UNITS AND EXHAUST FANS ARE TO BE ADJUSTED SUCH THAT THE SYSTEMS DELIVER THE REQUIRED CFM AIRFLOW AS SHOWN ON THE FLOOR PLANS AT THE LOWEST POSSIBLE SPEED SETTINGS. THIS ADJUSTMENT IS TO INCLUDE SHEAVE CHANGES AS REQUIRED ON FAN SYSTEMS THAT ARE DETERMINED UNACCEPTABLE.
- B. AIR BALANCE PROCEDURE IS TO BE AS FOLLOWS: ADJUST ALL DAMPERS IN DUCT SYSTEM TO
 - THEIR FULL OPEN POSITION. MEASURE AND RECORD THE TOTAL
 - DELIVERED AIRFLOW OF FAN SYSTEM. REDUCE FAN SPEED TO DELIVER TOTAL REQUIRED CFM AIRFLOW AS SHOWN ON THE FLOOR PLANS.
- 4. ADJUST INDIVIDUAL BALANCING DAMPERS IN THE DUCTWORK TO PROPORTION CFM TO AIRFLOW VALUES SHOWN ON THE FLOOR PLANS.
- 3. AIR BALANCING OF THE DUCT SYSTEMS IS TO BE MADE SO THAT AIR NOISE IS KEPT TO A MINIMUM. AIR BALANCING IS TO BE MADE STARTING WITH THE FARTHEREST REGISTER FROM THE FAN, WORKING BACK TO THE EQUIPMENT. "PINCHING" AN IN-LINE DAMPER THAT IS CLOSE TO THE FAN IS NOT ACCEPTABLE.
- BALANCING DAMPERS ARE TO BE INSTALLED IN ALL BRANCH SUPPLY, RETURN AND EXHAUST DUCTS WHETHER OR NOT SHOWN ON THE DRAWINGS. ALL BALANCING DAMPERS ARE TO BE INSTALLED IN THE MYE BRANCHES, OR IN THE BRANCH DUCT AS FAR AWAY FROM THE REGISTER OR GRILLE AS POSSIBLE.

- SPRING ISOLATORS ARE TO BE ADJUSTED SUCH THAT THE ISOLATED EQUIPMENT IS "FLOATING FREELY" ON ITS SPRINGS. SPRING RATES ARE TO BE CORRECTLY ORDERED SO THAT THE EQUIPMENT SITS LEVEL, WITHOUT ANY ONE SIDE OR AREA BOTTOMING OR
- OVERLOADING THE SPRINGS. COMPRESSORS ARE TO BE RELEASED FROM THEIR SHIPPING BOLTS.
- FLEXIBLE FABRIC DUCT CONNECTORS ARE TO BE INSTALLED AT ALL CONNECTIONS TO EQUIPMENT.
- FLEXIBLE ELECTRICAL AND PLUMBING CONNECTORS ARE TO BE USED AT ALL CONNECTIONS TO NON-RIGIDLY MOUNTED EQUIPMENT.
- FOR EQUIPMENT WITHOUT SPRING ISOLATORS INSTALLED ON HOUSEKEEPING PADS, INSTALL 3/4" THICK NEOPRENE ISOLATION PADS, MASON SUPER W OR EQUAL
- 10. ALL SIDEWALL SUPPLY AIR DIFFUSERS ARE TO BE ADJUSTED SO THAT THE HORIZONTAL LOUVERS ARE POINTING SLIGHTLY ABOVE HORIZONTAL AND THE VERTICAL LOUVERS ARE ADJUSTED SO THAT THEY ARE DIFFUSED IN A 45° PATTERN. ADJUSTMENTS ARE TO BE MADE SUCH THAT NO DRAFTS ARE TO BE NOTICEABLE AT 7'-O"AFF OR BELOW.
- DUCT OPENINGS THROUGH THE BOTTOM OF AIR HANDLING ROOF CURBS ARE NOT TO BE OVERCUT. AND ARE TO MATCH THE DUCT OPENING SIZES.
- ALL ROOF, CEILING, AND WALL PENETRATIONS (DUCT AND PIPING) ARE TO BE CAULKED AND SEALED. INSULATION MAY BE USED IN CONCEALED AREAS TO FILL VOIDS.
- HYDRONIC SYSTEMS ARE TO BE PURGED OF ALL AIR AND DEBRIS.
- 14. MAXIMUM NC LEVELS ARE AS FOLLOWS:

OFFICE AREAS = NC 30 CLASSROOM AREAS = NC 30 LAB AREAS = NC 30

CLEARANCE NOTES

- CLEARANCES IN ALL ATTIC AREAS ARE EXTREMELY LIMITED. ALL TRADES ARE TO WORK CLOSELY TOGETHER TO ENSURE THAT PROPER ROUTING OF THE DUCTWORK MAY OCCUR. DUCTWORK IS TO HAVE THE HIGHEST PRIORITY.
- 2. ALL CONDITIONS HAVE BEEN SHOWN AS ACCURATELY AS POSSIBLE. ALL CONDITIONS ARE TO BE FIELD VERIFIED. MECHANICAL CONTRACTOR IS TO INCLUDE IN HIS BID ADJUSTMENTS TO THE WORK AS REQUIRED TO ACCOMMODATE THE ACTUAL FIELD CONDITIONS.
- 3. THE FIRE SPRINKLER PIPING SYSTEMS ARE TO BE COORDINATED WITH THE MECHANICAL CONTRACTOR SO AS NOT TO BLOCK INSTALLATION OF THE MECHANICAL SYSTEMS, AND SUCH THAT THE DUCTWORK CAN BE INSTALLED IN THE LOCATIONS SHOWN ON THE MECHANICAL DRAWINGS. THE DUCTWORK IS TO HAVE THE HIGHEST PRIORITY.
- PORTIONS OF THE EXISTING MECHANICAL, ENERGY MANAGEMENT, PLUMBING, ELECTRICAL, FIRE PROTECTION AND/OR COMMUNICATIONS SYSTEMS MAY NEED TO BE RELOCATED IN ORDER TO ALLOW THE NEW MECHANICAL SYSTEMS TO BE INSTALLED. WALL FRAMING MAY NEED TO INCLUDE NON-STANDARD BRACING OR SPECIAL OPENINGS. ALL CONTRACTORS ARE TO INCLUDE IN THEIR BID ALLOWANCES FOR MODIFICATIONS TO THE NEW OR EXISTING WORK TO REMAIN AS REQUIRED TO ACCOMMODATE THE NEW MECHANICAL SYSTEMS.

CONTROLS NOTES

- THE CONTROLS WORK SHALL CONSIST OF FURNISHING ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO COMPLETE THE INSTALLATION OF THE DIRECT DIGITAL CONTROL (DDC) SYSTEM FOR THIS BUILDING, INCLUDING ALL INCIDENTAL WORK NECESSARY TO MAKE IT A COMPLETE, SATISFACTORY, AND FULLY FUNCTIONING DDC SYSTEM. ELECTRIC, ELECTRONIC, PNEUMATIC, OR OTHER NON-DDC CONTROL COMPONENTS OR SYSTEMS ARE NOT ALLOWED.
- THIS SYSTEM MUST BE TIED INTO THE EXISTING CAMPUS DDC SYSTEM. THIS SYSTEM MUST INTERFACE WITH AND BE COMPATIBLE WITH THE EXISTING CAMPUS DDC
- THE CONTROLS CONTRACTOR FOR THIS PROJECT IS TO FURNISH, INSTALL AND PROGRAM ALL COMPONENTS REQUIRED FOR A FULLY FUNCTIONING STAND-ALONE DDC SYSTEM. THIS SYSTEM IS TO THEN BE HARD-WIRED INTO THE EXISTING DDC LAN SYSTEM IN PLACE AT THE PROJECT SITE. YERIFY THE NEAREST CONNECTION POINT IN THE FIELD, PRIOR TO BID. THIS SYSTEM IS TO BE INCORPORATED INTO THE DISTRICT WIDE CONTROLS SYSTEM AND MUST HAVE THE CAPABILITY OF BEING CONTROLLED AND MONITORED FROM REMOTE LOCATIONS.

GENERAL NOTES

- PORTIONS OF THE EXISTING HVAC SYSTEMS AND CENTRAL PLANT ARE TO REMAIN. THESE SYSTEMS INCLUDE (BUT ARE NOT LIMITED TO) PIPING, COOLING TOWERS, COILS, AIR HANDLERS, DUCTWORK, CHILLER AND PUMPS. THE EXISTING HVAC SYSTEMS ARE CURRENTLY IN OPERATION AND WILL REMAIN IN OPERATION DURING CONSTRUCTION. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CHECK, TEST, START AND ADJUSTMENT OF THE EXISTING SYSTEMS, INCLUDING (BUT NOT LIMITED TO) THE BOILERS, CHILLER, COOLING TOWERS AND PUMPS. THE CENTRAL PLANT SYSTEM INCLUDING NEW AND EXISTING EQUIPMENT MUST BE COMPLETE AND FULLY FUNCTIONING AND IN FULL OPERATION PRIOR TO COMPLETION OF PROJECT.
- 2. MECHANICAL CONTRACTOR SHALL PROTECT ALL EXISTING HYAC SYSTEMS AND EQUIPMENT TO REMAIN. THIS CONTRACTOR SHALL REPAIR ANY DAMAGE WHICH OCCURS DURING THE COURSE OF CONSTRUCTION.
- 3. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR FLUSHING, AIR REMOVAL AND WATER TREATMENT OF THE CAMPUS PIPING SYSTEM. STRAINERS AND/OR SUCTION DIFFUSERS ARE TO BE CLEANED AND REPLACED AS REQUIRED, UNTIL ALL DEBRIS IN SYSTEM IS REMOVED.
- DURING SYSTEM START-UP, THE CAMPUS CHILLED WATER AND HEATING HOT WATER PUMPS ARE TO HAVE THEIR FLOWS RESET TO ACCOMMODATE ANY CHANGES IN FLOW REQUIREMENTS. CHECK AND CONFIRM WATER FLOW AT MOST REMOTE EQUIPMENT IN EACH OF THE BUILDINGS, WITH SYSTEMS IN FULL COOLING AND HEATING.
- 5. A NEW ROOF IS BEING INSTALLED ON THE BUILDING. INSULATION WILL BE ADDED AT THE ROOF LEVEL. ALL EXISTING ROOF VENTS, DUCTS AND ANY OTHER EXISTING MECHANICAL OR SHEET METAL ITEMS LOCATED ON OR PENETRATING THE ROOF ARE TO BE RAISED AS REQUIRED TO ACCOMMODATE THE NEW ROOF.
- ALL CORING AND PENETRATIONS OF ROOFS, WALLS, AND/OR FLOORS FOR DUCTS OR PIPING ARE TO BE AS SMALL AS POSSIBLE AND APPROVED PER STRUCTURAL DRAWINGS. OVERSIZING OF OPENINGS IS TO BE AVOIDED.

ALL PENETRATIONS ARE TO BE COORDINATED WITH ALL OTHER TRADES AND THE DRAWINGS. WALL PENETRATIONS ARE TO BE KEPT AS HIGH AS POSSIBLE AND ARE TO BE MADE IN AREAS WHERE DUCTS OR PIPING WILL BE CONCEALED.

IF PENETRATIONS IN EXPOSED LOCATIONS ARE UNAVOIDABLE, INSTALL ESCUTCHEON RINGS AT THESE LOCATIONS.

IF PENETRATIONS OTHER THAN THOSE SHOWN ON THE DRAWINGS ARE REQUIRED, LOCATIONS AND SIZES ARE TO BE APPROVED BY THE ENGINEER PRIOR TO CUTTING OF OPENINGS.

REFER TO NOTES ON STRUCTURAL DRAWINGS FOR ALL CORING REQUIREMENTS. REFER TO NOTES ON STRUCTURAL DRAWINGS FOR ALL REQUIREMENTS FOR WALL AND ROOF PENETRATIONS.

MECHANICAL CONTRACTOR IS TO PROVIDE ALL CORING REQUIRED FOR HIS WORK.

MECHANICAL CONTRACTOR IS TO PROVIDE ROOF AND WALL OPENING LAYOUT FOR MECHANICAL SYSTEMS TO GENERAL CONTRACTOR. GENERAL CONTRACTOR TO PROVIDE OPENINGS IN ROOF AND WALLS AS REQUIRED FOR MECHANICAL SYSTEMS.

KEY PLAN

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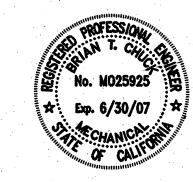
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IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT FILE NUMBER: 41-C1 APPLICATION NUMBER: 01-107611

BID DOCUMENTS

CANADA COLLEGE BUILDING 16, 17, 18

RENOVATION **SMCCCD** 3401 CSM Drive San Mateo, CA 94402 Cañada College 4200 FarmHills Blvd.

Redwood City, CA 94061 SHEET TITLE

MECHANICAL NOTES AND LIST OF DRAWINGS

REVISIONS NO. DATE DESCRIPTION A 08/11/06 ADDENDUM NO. 1 BLDG 17 MODERNIZATION 08/18/06 ADDENDUM NO 2 BLDG 16. 18 MODERNIZATI 2 02/01/07 RECORD SET

MARCH 1, 2006 JP CHECKED BC SCALE AS NOTED

N&T JOB NO.: 2220.07 SHEET NUMBER

MO.01

SEISMIC BRACING NOTES 2001 CALIFORNIA CODES - TITLE 24, C.C.R.

- ALL BRACING OF DUCTS AND PIPING SHALL BE INSTALLED IN ACCORDANCE WITH SMACNA GUIDELINES AS APPROVED BY DSA.
- 2. WHERE BRACING DETAILS ARE NOT SHOWN ON THE DRAWINGS OR IN THE GUIDELINES, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGINEER AND THE DISTRICT
- 3. A COPY OF THE GUIDELINES PUBLISHED BY THE SMACNA AND APPROVED BY DSA SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB AT ALL

SEISMIC BRACING GUIDELINES

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 RO (COMPONENT RESPONSE MODIFICATION FACTOR) OF SECTION 1632A.2 SHALL BE SELECTED FROM TABLE 16A-O. CBC 2001. THE VALUE OF ID (SEISMIC IMPORTANCE FACTOR) AND CO (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 INSTALL- ATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL/ELECTRICAL ENGINEER AND THE DISTRICT STRUCTURAL ENGINEER

BLDG IS MECHANICAL THIRD FLOOR DEMOLITION PLAN

BLDG 18 MECHANICAL ROOF DEMOLITION PLAN

- STATE OF CALIFORNIA TITLE 24 (2001 EDITION) -PART I BUILDING STANDARDS ADMINISTRATIVE CODE
- 2. STATE OF CALIFORNIA TITLE 24 (2001 EDITION) -PART 2/VOLUME I, CALIFORNIA BUILDING CODE/AMENDMENT WITH 1997 UBC, YOLUME
- STATE OF CALIFORNIA TITLE 24 (2001 EDITION) -PART 2/VOLUME 2, CALIFORNIA BUILDING CODE/AMENDMENT WITH 1997 UBC, VOLUME 2
- 4. 1997 UNIFORM BUILDING CODE, VOLUME 3
- 5. STATE OF CALIFORNIA TITLE 24 (2001 EDITION) -PART 3 CALIFORNIA ELECTRICAL CODE/AMENDMENT WITH 1996 NEC
- STATE OF CALIFORNIA TITLE 24 (2001 EDITION) -PART 4 CALIFORNIA MECHANICAL CODE/AMENDMENT WITH 2000 UMC
- STATE OF CALIFORNIA TITLE 24 (2001 EDITION) -PART 5 CALIFORNIA PLUMBING CODE/AMENDMENT WITH 2000 UPC
- STATE OF CALIFORNIA TITLE 24 (2005 EDITION) -PART 6 CALIFORNIA ENERGY CODE

- STATE OF CALIFORNIA TITLE 24 (2001 EDITION) -PART 9 CALIFORNIA FIRE CODE/AMENDMENT WITH 2000 UFC
- 10. STATE OF CALIFORNIA TITLE 24 (2001) -PART 12 CALIFORNIA REFERENCED STANDARDS CODE
- TITLE 19, C.C.R., PUBLIC SAFETY, DIVISION 1: STATE FIRE MARSHAL REGULATIONS

NATIONAL REFERENCED STANDARDS

- I. NFPA 13, AUTOMATIC SPRINKLER SYSTEM, 1996 EDITION
- 2. NFPA 14, INSTALLATION OF STANDPIPE AND HOSE SYSTEM, 1996 EDITION
- NFPA ITA, WET CHEMICAL EXTINGUISHING SYSTEMS, 1994 EDITION
- 4. NFPA 24. INSTALLATION OF PRIVATE FIRE SERVICE MAINS, 1995 EDITION
- 5. NFPA 72, NATIONAL FIRE ALARM CODE, 1996 EDITION (AS AMENDED BY SFM)

EXISTING CONDITIONS NOTE

THE CONTRACTOR SHALL YERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE. THE CONTRACTOR SHALL COMPARE MECHANICAL DRAWINGS WITH ARCHITECTURAL, STRUCTURAL, CIVIL, PLUMBING, AND ELECTRICAL DRAWINGS AND THE DRAWINGS OF OTHER TRADES BEFORE COMMENCING WITH THE WORK AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES REQUIRING CLARIFICATION OR REVISION. DO NOT SCALE DRAWINGS.

EXISTING BUILDING CONDITIONS SHOWN ARE FOR BACKGROUND INFORMATION ONLY. THEY ARE BASED ON ORIGINAL MECHANICAL, PLUMBING, ARCHITECTURAL AND STRUCTURAL DRAWINGS DATED 02/20/67 AND SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.

ALL EXISTING UTILITIES SHOWN ARE BASED ON ORIGINAL MECHANICAL AND PLUMBING DRAWINGS DATED 02/20/67. ACTUAL LOCATIONS OF UTILITIES MAY VARY FROM THOSE SHOWN ON THESE DRAWINGS.

HEATING HOT WATER NOTES

- ALL HEATING HOT WATER PREHEAT, HEATING, AND REHEAT VALVES ARE TO BE 3-WAY TYPE.
- CAMPUS CENTRAL PLANT SYSTEM REQUIRES CUMULATIVE RETURN FLOW MIN. OF 110 GPM FROM BUILDINGS 16, 17 AND 18.

MECHANICAL LIST OF DDAWINGS

		MEC	HANICAL LIST OF DRAWINGS		
MO.01	MECHANICAL NOTES AND LIST OF DRAWINGS	M2.II	BLDG 16 MECHANICAL GROUND FLOOR PLAN	M4.31	BLDG IS MECHANICAL FIRST FLOOR PIPING PLAN
MO.02	MECHANICAL LEGEND	M2.12	BLDG 16 MECHANICAL FIRST FLOOR PLAN	M4.32	
MO.03	BLDG 16 MECHANICAL PHASING PLAN	M2.I3	BLDG 16 MECHANICAL SECOND FLOOR PLAN	M4.33	BLDG IS MECHANICAL THIRD FLOOR PIPING PLAN
MO.04	BLDG IT MECHANICAL SEQUENCING PLAN	M2.14	BLDG 16 MECHANICAL ROOF PLAN	M4.34	BLDG 18 MECHANICAL ROOF PIPING PLAN
MO.05	BLDG 18 MECHANICAL PHASING PLAN				
		M2.21	BLDG IT MECHANICAL FIRST FLOOR PLAN	M5.01	MECHANICAL DETAILS
MO.11	BLDG 16 MECHANICAL SCHEDULES	M2.22	BLDG IT MECHANICAL SECOND FLOOR PLAN	M5.02	MECHANICAL DETAILS
MO.12	BLDG 16 MECHANICAL SCHEDULES	M2.23	BLDG IT MECHANICAL ROOF PLAN	M5.03	MECHANICAL DETAILS
10.13	BLDG 16 MECHANICAL SCHEDULES			M5.04	MECHANICAL DETAILS
		M2.31	BLDG 18 MECHANICAL FIRST FLOOR PLAN	M5.05	MECHANICAL DETAILS
10.21	BLDG IT MECHANICAL SCHEDULES	M2.32			MECHANICAL DETAILS
			VBLDG-18-MECHANICAL THIRD-FLOOR PLAN	A2 M5 07	MECHANICAL DETAILS
10.31	BLDG 18 MECHANICAL SCHEDULES		BLDG IS MECHANICAL PARTIAL THIRD FLOOR PLAN		
0.32	BLDG 18 MECHANICAL SCHEDULES	1	BLDG IS MECHANICAL PARTIAL THIRD FLOOR PLAN	M6.01	MECHANICAL CONTROL DIAGRAMS
0.33	BLDG IS MECHANICAL SCHEDULES		-BLDG 18 MECHANICAL ROOF PLAN	M6.02	MECHANICAL CONTROL DIAGRAMS
10.34	BLDG 18 MECHANICAL SCHEDULES			M6.03	MECHANICAL CONTROL DIAGRAMS
		M3.II	BLDG 16 MECHANICAL SECTIONS	M6.04	MECHANICAL CONTROL DIAGRAMS
11.11	BLDG 16 MECHANICAL GROUND FLOOR DEMOLITION PLAN	M3.21	BLDG IT MECHANICAL SECTIONS	M6.05	MECHANICAL CONTROL DIAGRAMS
11.12	BLDG 16 MECHANICAL FIRST FLOOR DEMOLITION PLAN	M3.31	BLDG 18 MECHANICAL SECTIONS	M6.06	MECHANICAL CONTROL DIAGRAMS
1.13	BLDG 16 MECHANICAL SECOND FLOOR DEMOLITION PLAN	M3.32	BLDG 18 MECHANICAL SECTIONS	M6.07	MECHANICAL CONTROL DIAGRAMS
MI.14	BLDG 16 MECHANICAL ROOF DEMOLITION PLAN	V 10 00 11		M6.08	MECHANICAL CONTROL DIAGRAMS
		,			MECHANICAL CONTROL DIAGRAMS
11.21	BLDG IT MECHANICAL FIRST FLOOR DEMOLITION PLAN	M4.II	BLDG 16 MECHANICAL GROUND FLOOR PIPING PLAN	(M6.10	MECHANICAL CONTROL DIAGRAMS- BUILDING 16 A
11.22	BLDG IT MECHANICAL SECOND FLOOR DEMOLITION PLAN	M4.12	BLDG 16 MECHANICAL FIRST FLOOR PIPING PLAN	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	EQUIPMENT SEQUENCE
11.23	BLDG IT MECHANICAL ROOF DEMOLITION PLAN	M4.13	BLDG 16 MECHANICAL SECOND FLOOR PIPING PLAN	M6.11	MECHANICAL CONTROL DIAGRAMS - BUILDING 18)
		M4.14	BLDG 16 MECHANICAL ROOF PIPING PLAN		SECOND FLOOR EQUIPMENT SEQUENCE.
1.31	BLDG IS MECHANICAL FIRST FLOOR DEMOLITION PLAN		The second se	M6.12	ECHANICAL CONTROL DIAGRAMS - BUILDING IS
11.32	BLDG IS MECHANICAL SECOND FLOOR DEMOLITION PLAN	M4.21	BLDG IT MECHANICAL FIRST FLOOR PIPING PLAN	\	THIRD FLOOR EQUIPMENT SEQUENCE.
1122	PLDG 16 MECHANICAL TUDD ELOOD DEMOLITIONEDIAM	14400	MAR AND A DESCRIPTION OF A SECRET BY A SECRET AND ADDRESS AND ADDR	(11111 1 and 11 and 11 1 that 11 described 10 and

BLDG IT MECHANICAL SECOND FLOOR PIPING PLAN