

### GENERAL NOTES

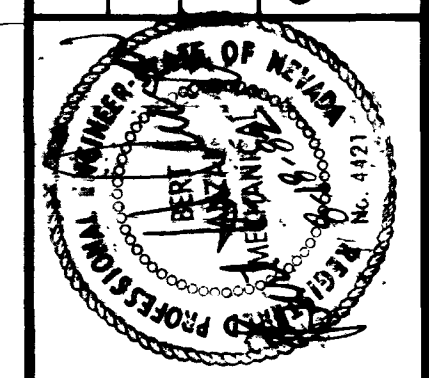
- ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED PER "SMACNA" LOW VELOCITY DUCT CONSTRUCTION MANUAL. ALL DUCT SIZES SHOWN ARE NET CLEAR INSIDE DIMENSIONS.
- DUCTWORK TO BE FABRICATED FROM GALVANIZED SHEET METAL. INSTALL CERTAIN-TEED ULTRALINER 1/8" THICK IN ALL DUCTWORK INCLUDING EXHAUST AIR DUCTING.
- FIELD VERIFY DIMENSIONS OF ALL PURCHASED EQUIPMENT PRIOR TO FABRICATION OF MATING PARTS.
- FLASH AND SEAL AROUND DUCTWORK AT ALL WALL PENETRATIONS.
- ALL DUCTWORK SHALL BE SUPPORTED BY STRUCTURAL MEMBERS.
- FLEXIBLE DUCT CONNECTIONS SHALL BE FABRICATED FROM "VENTFAB" AS MANUFACTURED BY VENT FABRICS, INC., CHICAGO, ILLINOIS, OR APPROVED EQUAL.
- BALANCE ALL AIR FLOWS TO VALUES SHOWN. PROVIDE TWO (2) COPIES OF BALANCE REPORT TO ENGINEERING DESIGN.
- HEATING STAYS TO BE INSTALLED DURING WINTER SEASON AND SAIL SWITCH TO BE DISCONNECTED.

### LEGEND

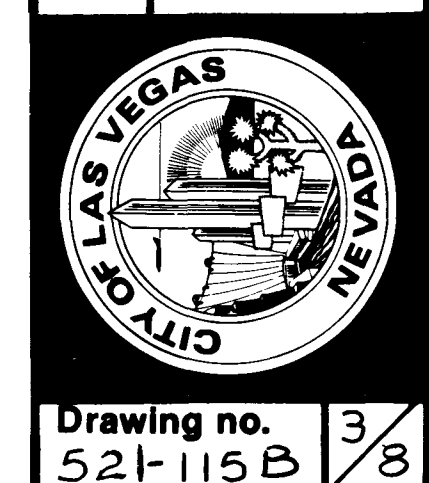
VOLUME CONTROL DAMPER TYPICAL 23 PLACES.

EQUIPMENT LIST			
ITEM No.	QUANTITY	DESCRIPTION	VENDOR OR APPROVED EQUAL
①	10	8x8 PERFORATED SUPPLY DIFFUSER LAY-IN TEE-BAR CEILING, 4 WAY DEFLECTION, FURNISHED WITH OBD	KRUEGER 1104 W/OBD FRAME 23
②	3	9x9 PERFORATED SUPPLY DIFFUSER LAY-IN TEE-BAR CEILING, 4 WAY DEFLECTION, FURNISHED WITH OBD	KRUEGER 1104 W/OBD FRAME 23
③	3	6x6 PERFORATED SUPPLY DIFFUSER LAY-IN TEE-BAR CEILING, 3 WAY DEFLECTION, FURNISHED W/OBD	KRUEGER 1103 W/OBD FRAME 23
④	8	10x10 PERFORATED RETURN AIR GRILLE, LAY-IN TEE-BAR CEILING	KRUEGER 1190 FRAME 23
⑤	2	12x12 PERFORATED RETURN AIR GRILLE, LAY-IN TEE-BAR CEILING	KRUEGER 1190 FRAME 23
⑥	1	16x16 PERFORATED RETURN AIR GRILLE, LAY-IN TEE BAR	KRUEGER 1190 FRAME 23
⑦	1	18x10 NON-VISION DOOR LOUVER 70% FREE AREA	AIR LOUVERS LTD. 600-A
⑧	1	24"x12" DUCT FIRE DAMPER, UL LISTED, 3 HOUR FIRE RESISTANCE RATING, 24"x14" OPENING SIZE	AIR BALANCE INC. MODEL 319 BLH
⑨	1	24"x14" DUCT FIRE DAMPER, UL LISTED, 3 HOUR FIRE RESISTANCE RATING, 24"x17" OPENING SIZE	AIR BALANCE INC. MODEL 319 BLH
⑩	1	72x14 WALL LOUVER WITH INTERIOR INSECT SCREEN, 4" DEPTH	AIR LOUVERS LTD. SERIES 105
⑪	2	36x14 BAROMETRIC DAMPERS FOR SIDE BY SIDE MOUNTING IN 72x14 DUCT	AIR BALANCE INC. MODEL AC115
⑫	1	DIRECT DRIVE CENTRIFUGAL IN-LINE FAN, 1/3 HP, 120 VOLT, 860 RPM, 37.5 BTU, 2222 CFM @ 1/4" S.P., FURNISH W/HANGING SUPPORT KIT W/ VIBRATION ISOLATORS & FIBERGLASS DUCT LINER FOR NOISE REDUCTION	GREENHECK MODEL 300-16-C WITH VIBRATION ISOLATORS AND DUCT LINER
⑬	1	SAIL SWITCH, SPST, 12 VOLT AC, 600 RPM OPERATING VELOCITY, 5"x4 1/2" SAIL DIMENSIONS, LEFT TO RIGHT DIRECTION OF FLOW	HONEYWELL TRADELINE 543A 1011
⑭	7	18x18 PERFORATED SUPPLY DIFFUSER LAY-IN TEE-BAR CEILING, 4 WAY DEFLECTION, FURNISHED WITH OBD	KRUEGER 1104 W/OBD FRAME 23

Scale (N) AS SHOWN  
 Scale (Y) AS SHOWN  
 Fig. bk. no. N/A  
 Design by BERT ANZAI  
 Drawn by NORMA GOMEZ  
 DATE 8-23-82  
 CITY ENGINEER

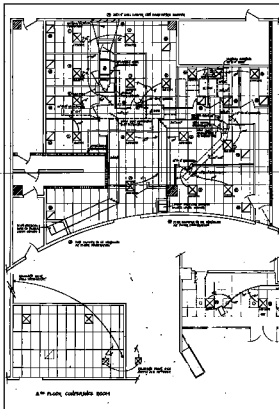


Department of Public Services  
 Engineering Design Division  
 CAFETERIA REMODELING  
 MECHANICAL PLAN



Drawing no. 521-115B 3/8

9361



**GENERAL NOTES**

1. ALL MECHANICAL ROOMS TO BE FINISHED TO MATCH THE FINISH OF THE ADJACENT ROOMS.
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MECHANICAL ROOMS TO BE FINISHED TO MATCH THE FINISH OF THE ADJACENT ROOMS.

EQUIPMENT LIST	
NO.	DESCRIPTION
1	10000 BTU/Hour Packaged Air Conditioning Unit
2	10000 BTU/Hour Packaged Air Conditioning Unit
3	10000 BTU/Hour Packaged Air Conditioning Unit
4	10000 BTU/Hour Packaged Air Conditioning Unit
5	10000 BTU/Hour Packaged Air Conditioning Unit
6	10000 BTU/Hour Packaged Air Conditioning Unit
7	10000 BTU/Hour Packaged Air Conditioning Unit
8	10000 BTU/Hour Packaged Air Conditioning Unit
9	10000 BTU/Hour Packaged Air Conditioning Unit
10	10000 BTU/Hour Packaged Air Conditioning Unit
11	10000 BTU/Hour Packaged Air Conditioning Unit
12	10000 BTU/Hour Packaged Air Conditioning Unit
13	10000 BTU/Hour Packaged Air Conditioning Unit
14	10000 BTU/Hour Packaged Air Conditioning Unit
15	10000 BTU/Hour Packaged Air Conditioning Unit
16	10000 BTU/Hour Packaged Air Conditioning Unit
17	10000 BTU/Hour Packaged Air Conditioning Unit
18	10000 BTU/Hour Packaged Air Conditioning Unit
19	10000 BTU/Hour Packaged Air Conditioning Unit
20	10000 BTU/Hour Packaged Air Conditioning Unit

Department of Public Buildings  
 MECHANICAL PLAN  
 CASTLETON RESIDENCES

DATE: 07/17/00  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]