	EXHAUST FAN SCHEDULE										
SYMBOL	AREA SERVED	CHAR.	MIN. 1 CFM	STATIC PRESSURE	WATTS	REMARK					
$\left\langle \begin{array}{c} EF \\ 1 \end{array} \right\rangle$	MEN 112	120/60/1	100	0.25	77	CEILING MOUNTED WIT					
$\left\langle \begin{array}{c} EF\\ 2\end{array} \right\rangle$	WOMEN 111	120/60/1	100	0.25	77	CEILING MOUNTED WIT					
$\left\langle \begin{array}{c} EF \\ 3 \end{array} \right\rangle$	FONT 109	120/60/1	100	0.25	77	CEILING MOUNTED WIT					

 1
 SET BALANCE DAMPERS TO CFM LISTED.
 2
 CONTROL BY DIVISION 16.

2 3	3 FURNACE SCHEDULE										
SYMBOL	TYPE	MINIMUM EFFICIENCY	MIN.REQ'D INPUT BTU/HR 1	MIN.REQ'D OUTPUT	MINIMUM S.C.F.M.	EXT. S.P. IN.W.G.	MOTOR				
				BTU/HR 1			MIN. H.P.	ø	HERTZ		
$\left\langle \begin{array}{c} F \\ 1 \end{array} \right\rangle$	HORIZONTAL	90%	88,000	85,000	1200	0.65	3/4	1	60		
$\left\langle \frac{F}{2} \right\rangle$	HORIZONTAL	90%	88,000	85,000	1200	0.65	3/4	1	60		
										Ī	
1 SEA LEVEL RATING.											

2 FURNACE MARKS CORRESPOND WITH CONDENSING UNIT AND COOLING COIL MARKS.

3 SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.

4 MAY VARY ACCORDING TO MANUFACTURER. INSTALL NECESSARY JUMPERS SO THAT FAN OPERATES ONLY AT COOLING SPEED WHENEVER FAN CIRCUIT IS ENERGIZED.

I 3 4 AIR COOLED CONDENSING UNIT SCHEDULE											
SYMBOL	AREA SERVED	MIN. 2			COMPRESSOR MOTOR CONDENSER			SER			
		SIZE (TONS)	MCA	MCOP	NO.	Ø	VOLTS	HERTZ	ø	VOLTS	HERTZ
	CLASSROOMS	3.0	21.9	30	1	1	240/208	60	1	240/208	60
	STAKE SUITE	3.0	21.9	30	1	1	240/208	60	1	240/208	60
1 REFRIGERANT 401A 2 AT DESIGN CONDITIONS AND 95°F EAT.											

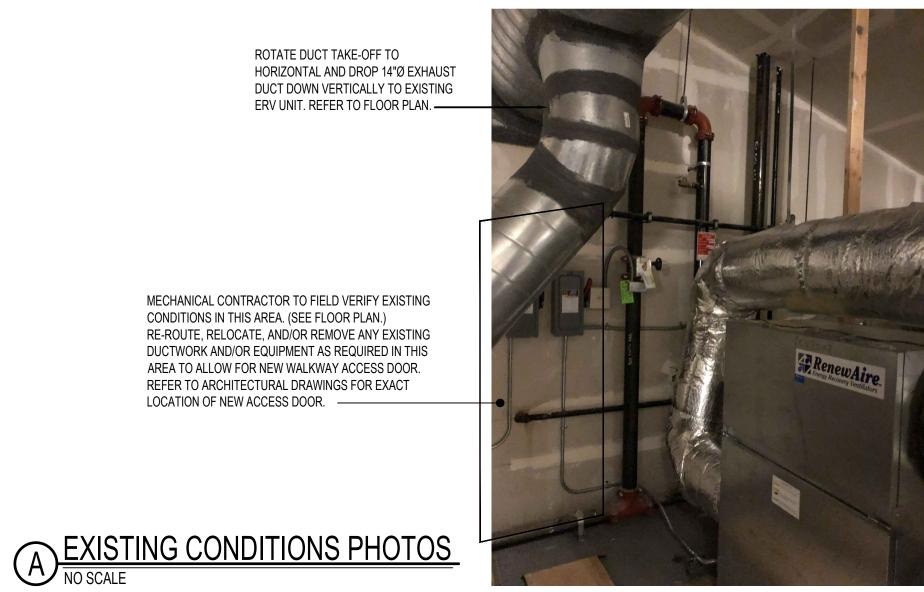
3 CONDENSING UNIT MARKS CORRESPOND WITH COOLING COIL AND FURNACE MARKS.

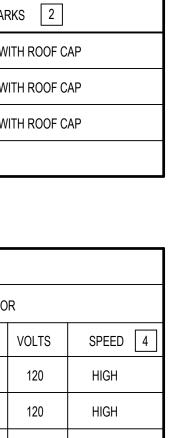
4 SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS

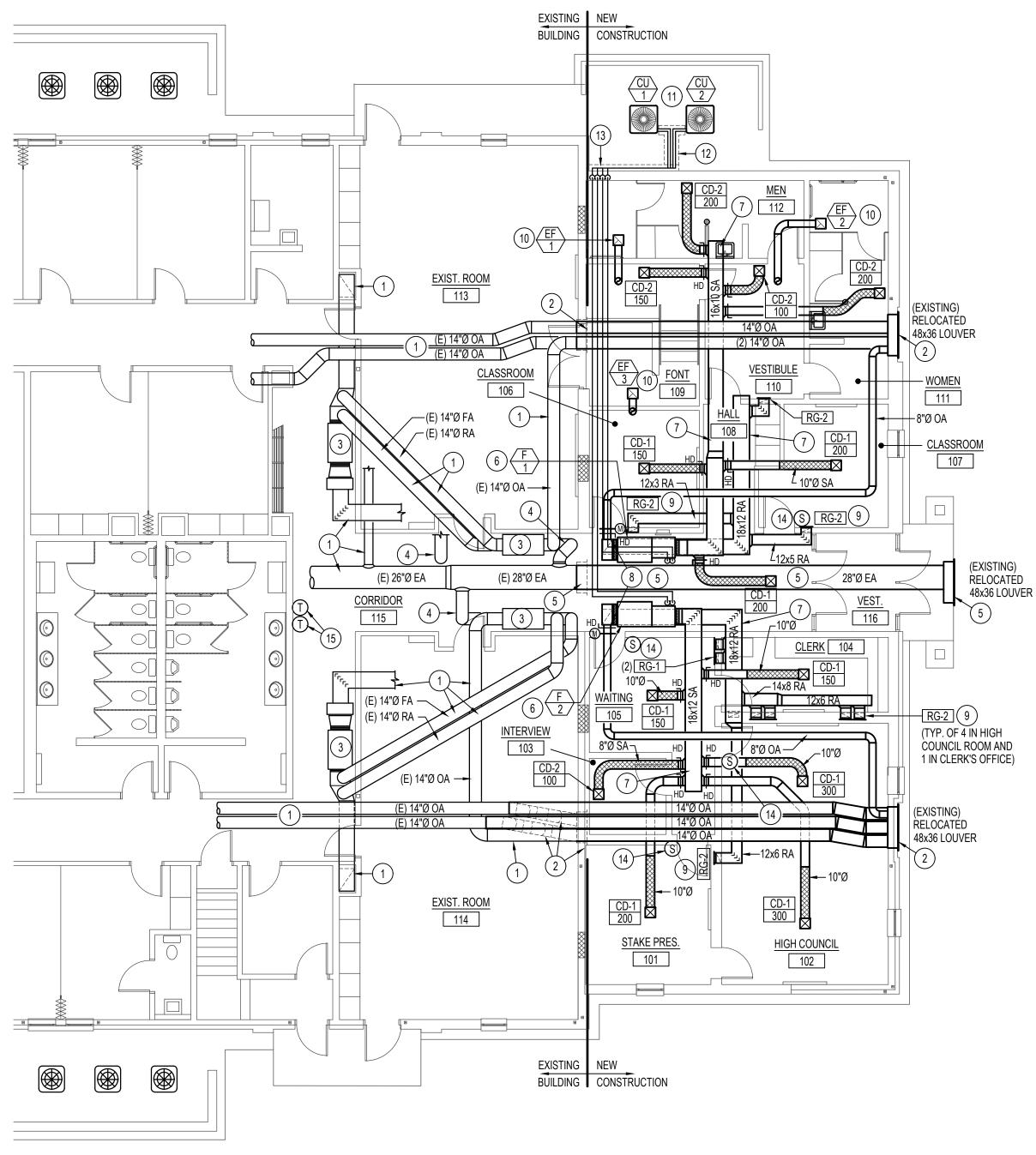
GRILLE AND REGISTER SCHEDULE											
SYMBOL	TYPE	CFM RANGE	NOMINAL SIZE	REMARKS	1						
CD-1	CEILING DIFFUSER (4 - WAY)	50-400	12 x 12	WITH 10"Ø DUCT	2						
CD-2	CEILING DIFFUSER (3 - WAY)	50-200	12 x 12	WITH 8"Ø DUCT	2						
RG-1	LOW SIDEWALL RETURN GRILLE 3	0-100	12 x 6	WITH 12x3 UN-LINED DUCT	2						
RG-2	LOW SIDEWALL RETURN GRILLE 3	100-220	12 x 8	WITH 12x5 UN-LINE DUCT	2						
1 MAXIMUM NC = 25 @ MAXIMUM CFM NOTED.											

2 SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS.

3 RETURN AIR GRILLE TO BE MOUNTED 8" FROM FLOOR TO BOTTOM EDGE OF GRILLE.







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

ROTATE DUCT TAKE-OFF TO HORIZONTAL AND DROP 14"Ø EXHAUST DUCT DOWN VERTICALLY TO EXISTING ERV UNIT. REFER TO FLOOR PLAN.

REMOVE ANGLED SECTION OF 12"Ø DUCTWORK AND REPLACE WITH NEW VERTICAL SECTION AS SHOWN.





EXHAUST DUCT DOWN VERTICALLY TO EXISTING ERV UNIT. REFER TO FLOOR PLAN.

ROTATE DUCT TAKE-OFF TO HORIZONTAL AND DROP 14"Ø

- MECHANICAL CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IN THIS AREA. (SEE FLOOR PLAN.) RE-ROUTE, RELOCATE, AND/OR REMOVE ANY EXISTING DUCTWORK AND/OR EQUIPMENT AS REQUIRED IN THIS AREA TO ALLOW FOR NEW WALKWAY ACCESS DOOR. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF NEW ACCESS DOOR.

