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2016 CALIFORNIA CALGREEN NOTES

PER SECTION 5.504.1.3, IF THE HVAC SYSTEM IS USED DURING CONSTRUCTION, USE OF RETURN AIR FILTERS WITH A MERV 8, BASED ON ASHRAE 52.2-1999, OR AVERAGE EFFICIENCY OF 30% BASED ON ASHRAE 52.1-1992, REPLACE ALL FILTERS IMMEDIATELY PRIOR TO OCCUPANCY, OR, IF THE BUILDING IS OCCUPIED DURING ALTERATION, AT CONCLUSION OF CONSTRUCTION.

PER SECTION 5.504.3, AT THE TIME OF ROUGH INSTALLATION AND DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING, COOLING AND VENTILATING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEETMETAL, OR APPROVED METHODS TO REDUCE THE AMOUNT OF DUST, WATER AND DEBRIS WHICH MAY ENTER THE SYSTEM.

PER SECTION 5.504.5.3, IN MECHANICALLY VENTED BUILDINGS, PROVIDE REGULARLY OCCUPIED AREAS OF THE BUILDING WITH AIR FILTRATION MEDIA FOR OUTSIDE AND RETURN AIR THAT PROVIDES AT LEAST A MINIMUM EFFICIENCY REPORTING VALUE (MERV) OF 8. MERV 8 FILTERS SHALL BE INSTALLED PRIOR TO OCCUPANCY, AND RECOMMENDATIONS FOR MAINTENANCE WITH FILTERS OF THE SAME VALUE SHALL BE INCLUDED IN THE OPERATION AND MAINTENANCE MANUAL.

PER SECTION 5.508.1.1, INSTALL HVAC, REFRIGERATION AND FIRE SUPPRESSION EQUIPMENT THAT DO NOT CONTAIN CFC's.

DUCT SIZING REQUIREMENTS			
0-90 CFM	600 FPM	.08 LOSS PER 100FT	6" DIAMETER
90-200 CFM	600 FPM	.08 LOSS PER 100FT	8" DIAMETER
200-375 CFM	700 FPM	.08 LOSS PER 100FT	10" DIAMETER
375-600 CFM	800 FPM	.08 LOSS PER 100FT	12" DIAMETER
600-900 CFM	875 FPM	.08 LOSS PER 100FT	14" DIAMETER
900-1200 CFM	900 FPM	.08 LOSS PER 100FT	16" DIAMETER
1200-1600 CFM	900 FPM	.08 LOSS PER 100FT	18" DIAMETER
1600-2000 CFM	900 FPM	.08 LOSS PER 100FT	20" DIAMETER
2000-2400 CFM	900 FPM	.08 LOSS PER 100FT	22" DIAMETER

NOTES:

1. ALL ELBOWS TO BE SMOOTH RADII
2. ALL FITTINGS TO BE OF INDUSTRY STANDARD TYPE WITH COEFFICIENTS PUBLISHED IN MANUAL Q
3. NC 30 DUCT SIZING



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**Architecture
Construction**

2021 Westwind Drive
Bakersfield, CA 93301
(661) 324-3000
(661) 324-3900 Fax
www.klassencorp.com

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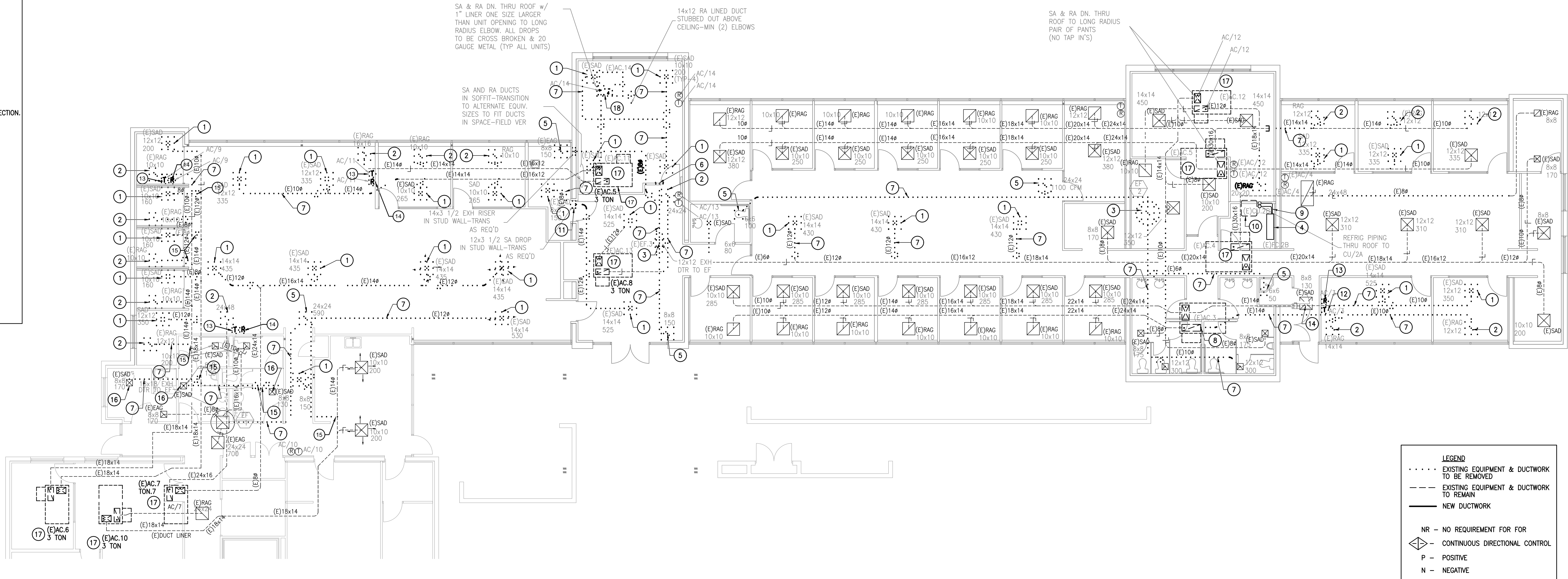
Written dimensions on these drawings shall have precedence over scaled dimensions - contractors shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variations from the dimensions and conditions shown by these drawings. Shop details must be submitted to this office for approval before proceeding with fabrication.

TENANT IMPROVEMENTS
SAN JOAQUIN VALLEY PULMONARY
 5801 TRUXTUN AVE, BAKERSFIELD CA 933309

DATE	ISSUED FOR	MARK
07/01/19	OWNER SD SUBMITTAL	△
07/31/19	OWNER DD SUBMITTAL	△
08/15/19	OWNER CD SUBMITTAL	△
		△
		△
		△
		△

DEMOLITION KEYNOTES

- 1 REMOVE (E) SAD, CAPPED, EXTEND AND MODIFY DUCTS AS REQUIRED. SEE MECHANICAL FLOOR PLAN FOR NEW LAYOUT.
- 2 REMOVE (E) RAG, CAPPED, EXTEND AND MODIFY DUCTS AS REQUIRED. SEE MECHANICAL FLOOR PLAN FOR NEW LAYOUT.
- 3 REMOVE (E) EXHAUST FAN
- 4 (E) 2 TON WALL MOUNTED FAN COIL TO REMAIN
- 5 REMOVE (E) EAG
- 6 REMOVE (E) WALL MOUNTED EAG ABOVE CEILING
- 7 REMOVE (E) DUCT, MODIFY/CAPPED AS REQUIRED.
- 8 CAPPED (E) RA DTR TRANSITION FROM (E) AC UNIT RA CONNECTION.
- 9 (E) REFRIG PIPING CONNECTION TO (E) FAN COIL TO REMAIN
- 10 (E) 2 TON CONDENSING UNIT AT ROOF TO REMAIN.
- 11 CAPPED (E) SA DROP IN STUD WALL
- 12 RELOCATE (E) THERMOSTAT AND ALL ASSOCIATED ITEM - SEE MECHANICAL FLOOR PLAN FOR NEW LOCATION
- 13 RELOCATE (E) SMOKE DETECTOR AND ALL ASSOCIATED ITEM - SEE MECHANICAL FLOOR PLAN FOR NEW LOCATION
- 14 CUT/CAPPED DISCONTINUE PORTION OF EXISTING DUCT.
- 15 DISCONNECT SECTION OF (E) DUCT, CAPPED END JOINT.
- 16 EXISTING SAD TO REMAIN, SEE MECHANICAL FLOOR PLAN FOR NEW DUCT LAYOUT.
- 17 EXISTING AC UNIT TO REMAIN
- 18 REMOVE (E) 2 TON AC UNIT, REPLACE WITH 3 TON COMMERCIAL GRADE WITH ADDITION OF HEPA FILTER

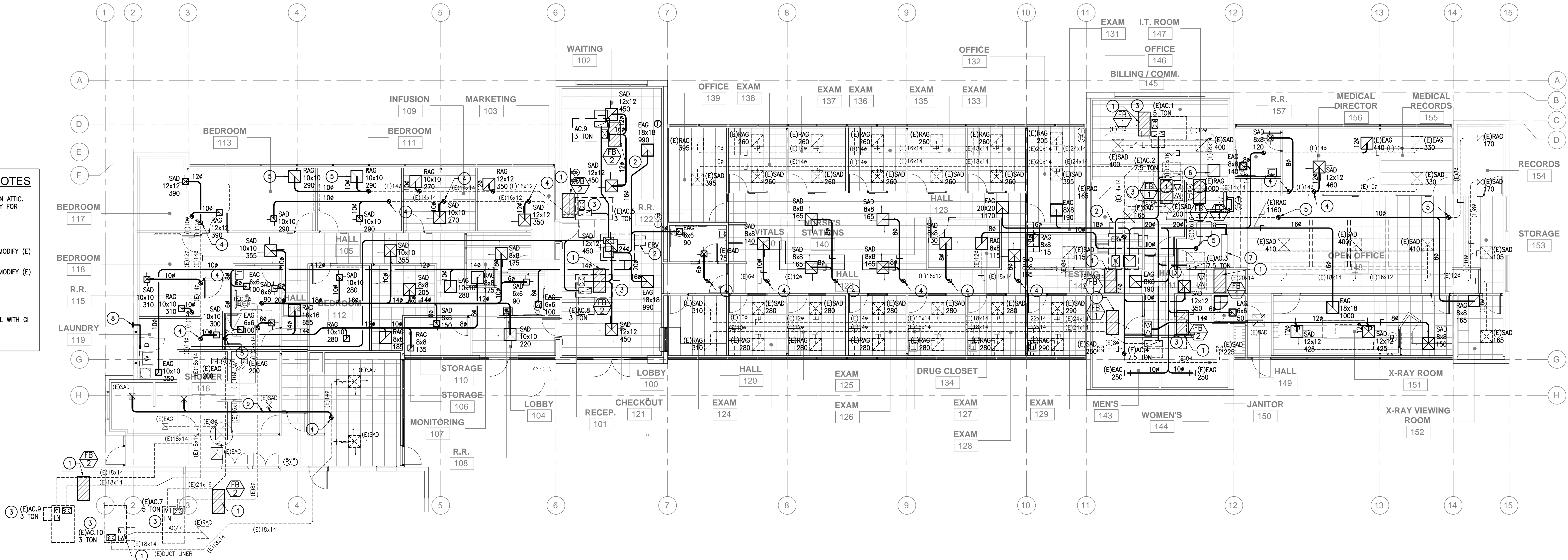


MECHANICAL DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

MECHANICAL FLOOR PLAN KEYNOTES

- 1 90% FILTER BANK MTD IN (E) SUPPLY AIR FROM UNIT IN ATTIC. LOCATE TO PROVIDE ACCESS THRU CEILING. FIELD VERIFY FOR EXACT LOCATION
- 2 GREENECK ENERGY RECOVERY VENTILATOR
- 3 EXISTING AC UNIT TO REMAIN
- 4 ATTACHED NEW SAD DUCT TO EXISTING DUCT, EXTEND, MODIFY (E) DUCT AS REQUIRED, SEE PLAN FOR DIFFUSER SIZE.
- 5 ATTACHED NEW RAG DUCT TO EXISTING DUCT, EXTEND, MODIFY (E) DUCT AS REQUIRED, SEE PLAN FOR GRILLE SIZE.
- 6 RELOCATED (E) RAG. FIELD VERIFY
- 7 EXISTING MINI SPLIT TO REMAIN
- 8 EXHAUST DUCT AT DRYER VENT THROUGH EXTERIOR WALL WITH GI FLAPPER TYPE PORT AND VERMIN RESISTANT SCREEN



MECHANICAL FLOOR PLAN

SCALE: 1/8" = 1'-0"



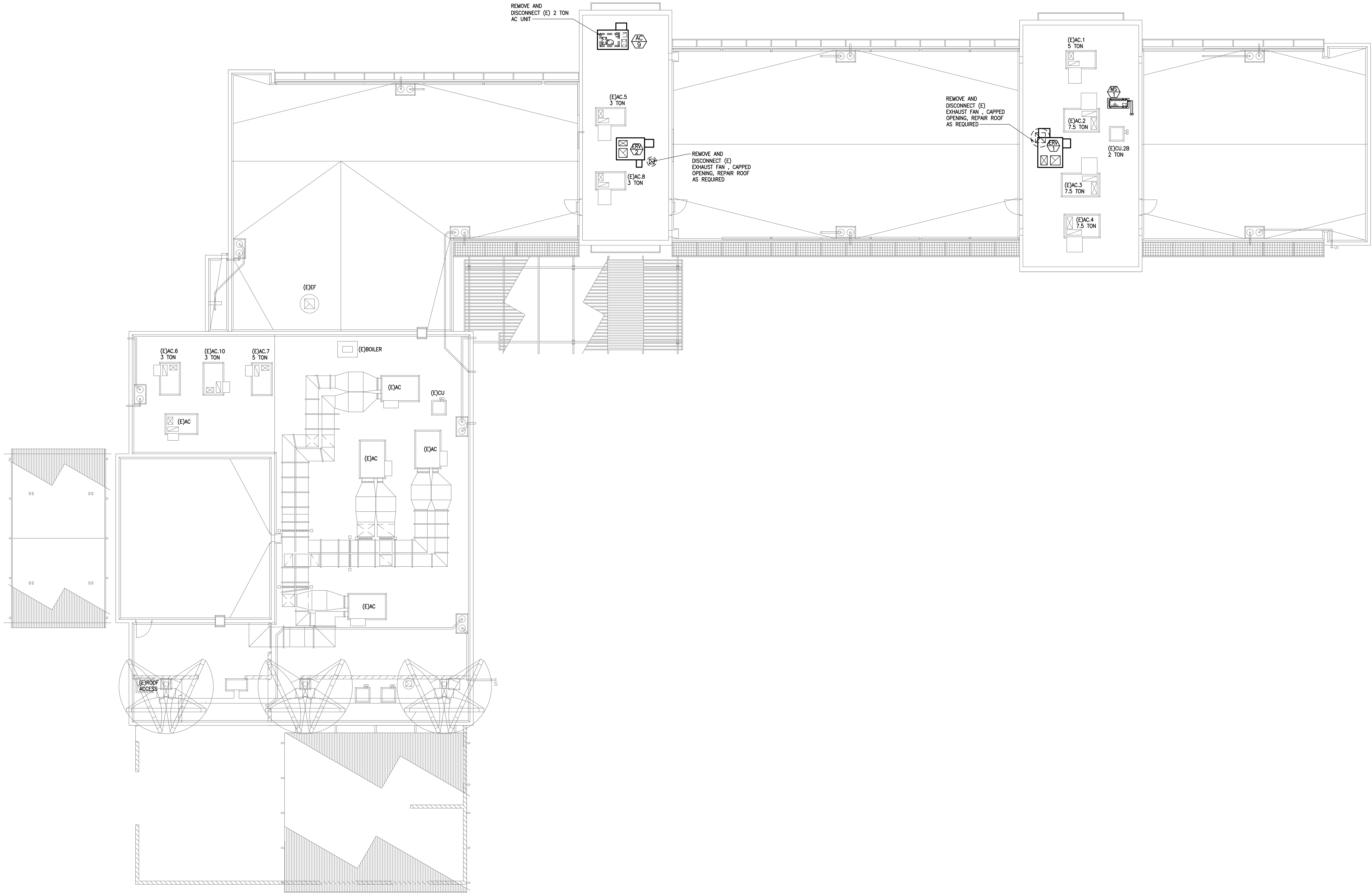
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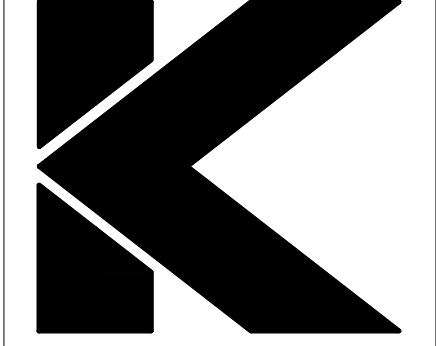
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07/21/19	OWNER CD SUBMITTAL	2
08/15/19	OWNER CD SUBMITTAL	3

Project No.: C19-148
MECHANICAL PLANS



MECHANICAL ROOF PLAN

SCALE: 1/8" = 1'-0"




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2021 Westwind Drive
Bakersfield, CA 93301
(661) 324-3000
(661) 324-3900 Fax
www.klassencorp.com



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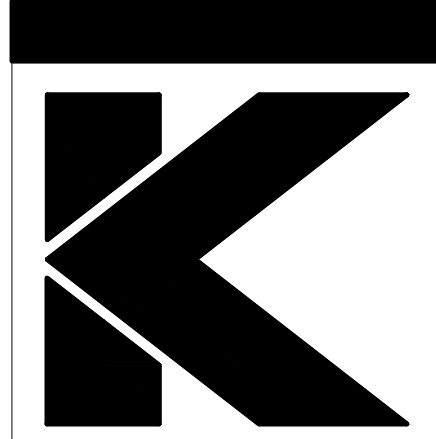
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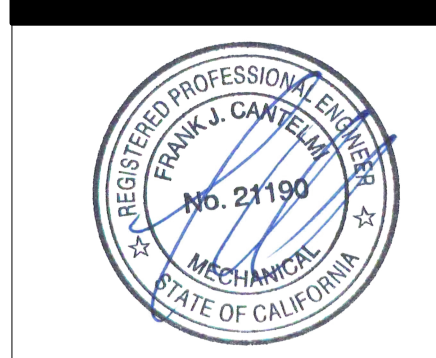
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Project No. : C19-148
MECHANICAL ROOF
PLAN

M3.0



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REGISTER SCHEDULE		
SIZE CFM		SAD-SUPPLY AIR CEILING DIFFUSER
SIZE CFM		SAR-SUPPLY AIR WALL REGISTER
SIZE CFM		LRR-LINEAR RETURN AIR SLOT REGISTER
SIZE CFM		RAG-RETURN T'BAR CEILING-#50F w/OBD BORDER TYPE 3 RETURN SURFACE MOUNT-#50F w/OBD BORDER TYPE 1 RETURN SIDE WALL-#350RL w/OBD
SIZE CFM		FRAG-FILTERED RETURN GRILLE T'BAR MOUNT #50FF w/OBD-BORDER TYPE 3 FILTERED RETURN GRILLE SURFACE MOUNT #50FF w/OBD-BORDER TYPE 1
SIZE CFM		EAG-EXHAUST T'BAR CEILING-#50R-NT w/OBD EXHAUST HARD SURFACE-#50R w/OBD EXHAUST SIDE WALL-#350RS w/OBD
SIZE CFM		SEE PLAN FOR ALL SIZES. SEE PLAN FOR SUPPLY AIR THROWS.
SIZE CFM		CORDONATE REGISTERS w/CEILING GRID & LIGHTING.
SIZE		TG-TRANSFER GRILLE
NOTE! ALL REGISTERS AND DIFFUSERS ARE TO BE FINISHED WITH FACTORY-APPLIED BAKED ENAMEL PAINT OVER A RUST-PROOFING PRIMER. WHERE FIELD PAINTING IS TO BE DONE, A RUST-PROOFING PRIMER MUST BE PROVIDED.		

FILTER BANKS	
MARK	DESCRIPTION
	FARR #3P GLIDE/PACK FILTER BANK CABINET & DOORS - WEATHERPROOF FOR OUTSIDE INSTALLATION, INSULATED, PRIMED FOR PAINTING - 36"Wx27.25"Hx21"L (1) 24x24x12 & (1) 24x12x12 RIGA-FLO 200 FILTERS - ASHRAE 52.1-1992 90-95% EFF. ASHRAE 52.2-1999 MERV 14 - DRYER FILTER GAGE; INSTALL ACROSS THE FILTER BED. GAUGE SHALL BE RED LINED TO INDICATE WHEN THE RECOMMENDED MAXIMUM STATIC PRESSURE DROP HAS BEEN REACHED. (2016 CMC 408.1.1) FILTERS SHALL MEET ASHRAE STANDARDS AS PER CMC, CHAPTER 4, TABLE 4-8 - 225 LBS
	FARR #3P GLIDE/PACK FILTER BANK CABINET & DOORS - WEATHERPROOF FOR OUTSIDE INSTALLATION, INSULATED, PRIMED FOR PAINTING - 24"Wx27.25"Hx21"L (1) 24x24x12 RIGA-FLO 200 FILTER ASHRAE 52.1-1992 90-95% EFF. ASHRAE 52.2-1999 MERV 14 - DRYER FILTER GAGE; INSTALL ACROSS THE FILTER BED. GAUGE SHALL BE RED LINED TO INDICATE WHEN THE RECOMMENDED MAXIMUM STATIC PRESSURE DROP HAS BEEN REACHED. (2016 CMC 408.1.1) FILTERS SHALL MEET ASHRAE STANDARDS AS PER CMC, CHAPTER 4, TABLE 4-8 150 LBS

ENERGY RECOVERY AC UNIT	
MARK	DESCRIPTION
	GREENHECK #ERVe-45-30L ROOF MOUNTED ENERGY RECOVERY VENTILATOR OUTDOOR AIR: 4105 CFM AT .8"ESP- 5 HP - EXHAUST: 3940 CFM AT .8" ESP 3 HP BELT DRIVE 2" PLEATED MERV 8 FILTERS FOR OUTDOOR AND EXHAUST AIR HINGED DOORS- INSULATED CASING - WEATHER HOODS DOUBLE WALL CONSTRUCTION SINGLE POINT POWER - FACTORY WIRED NON-FUSED DISCONNECT SWITCH - FACTORY SLOPED ROOF CURB 32.7 MCA @ 208/230v/3ø, 45 MOP - 1930 LBS
	GREENHECK #ERVe-35-30L ROOF MOUNTED ENERGY RECOVERY VENTILATOR OUTDOOR AIR: 3145 CFM AT .8"ESP- 3 HP - EXHAUST: 3325 CFM AT .8" ESP 3 HP BELT DRIVE 2" PLEATED MERV 8 FILTERS FOR OUTDOOR AND EXHAUST AIR HINGED DOORS- INSULATED CASING - WEATHER HOODS DOUBLE WALL CONSTRUCTION SINGLE POINT POWER - FACTORY WIRED NON-FUSED DISCONNECT SWITCH - FACTORY SLOPED ROOF CURB 24.5 MCA @ 208/230v/3ø, 35 MOP - 1640 LBS

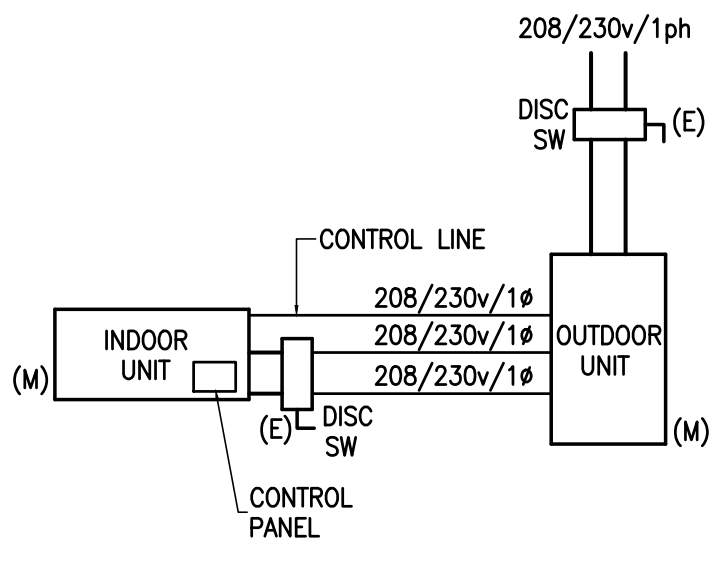
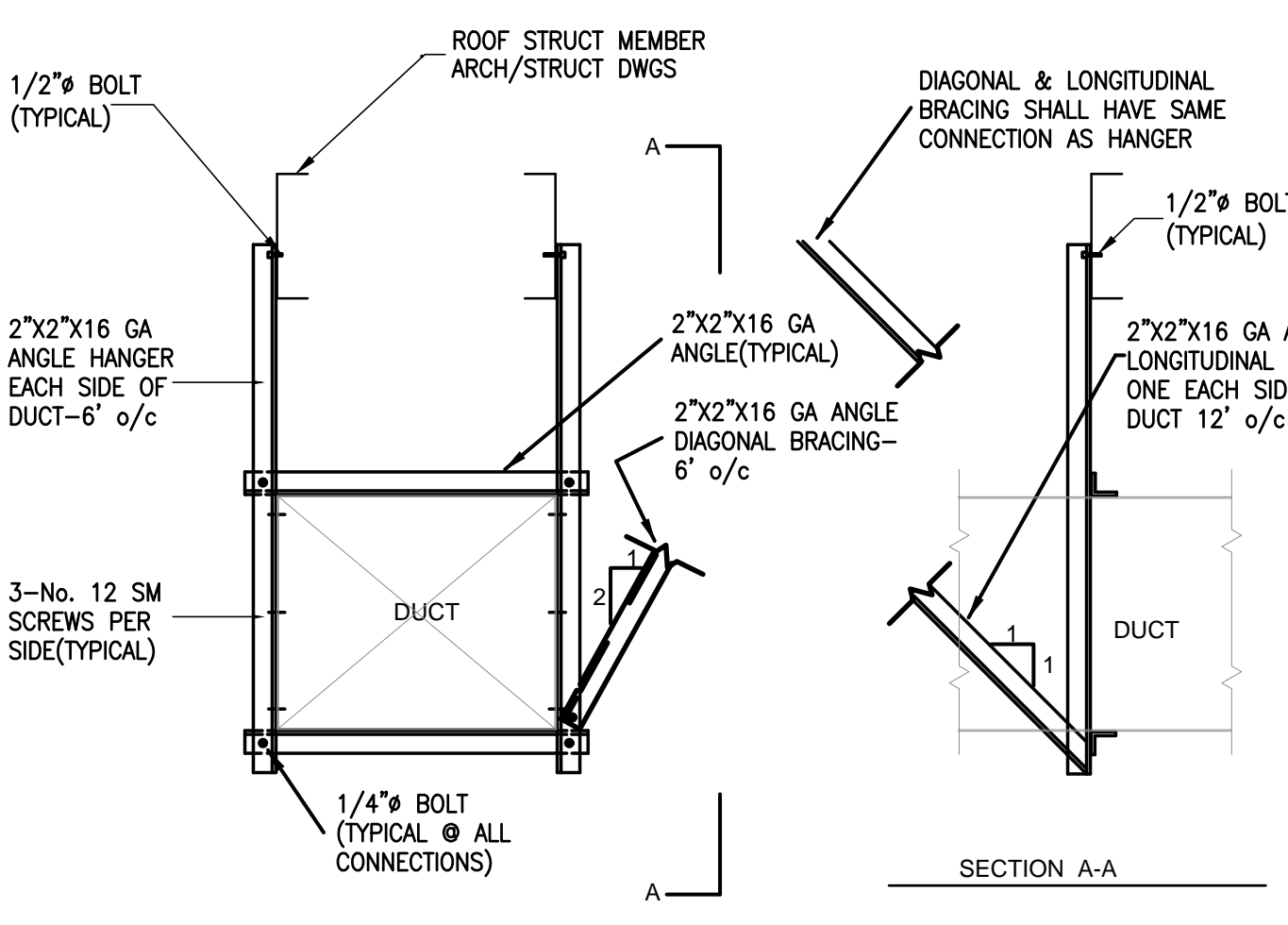
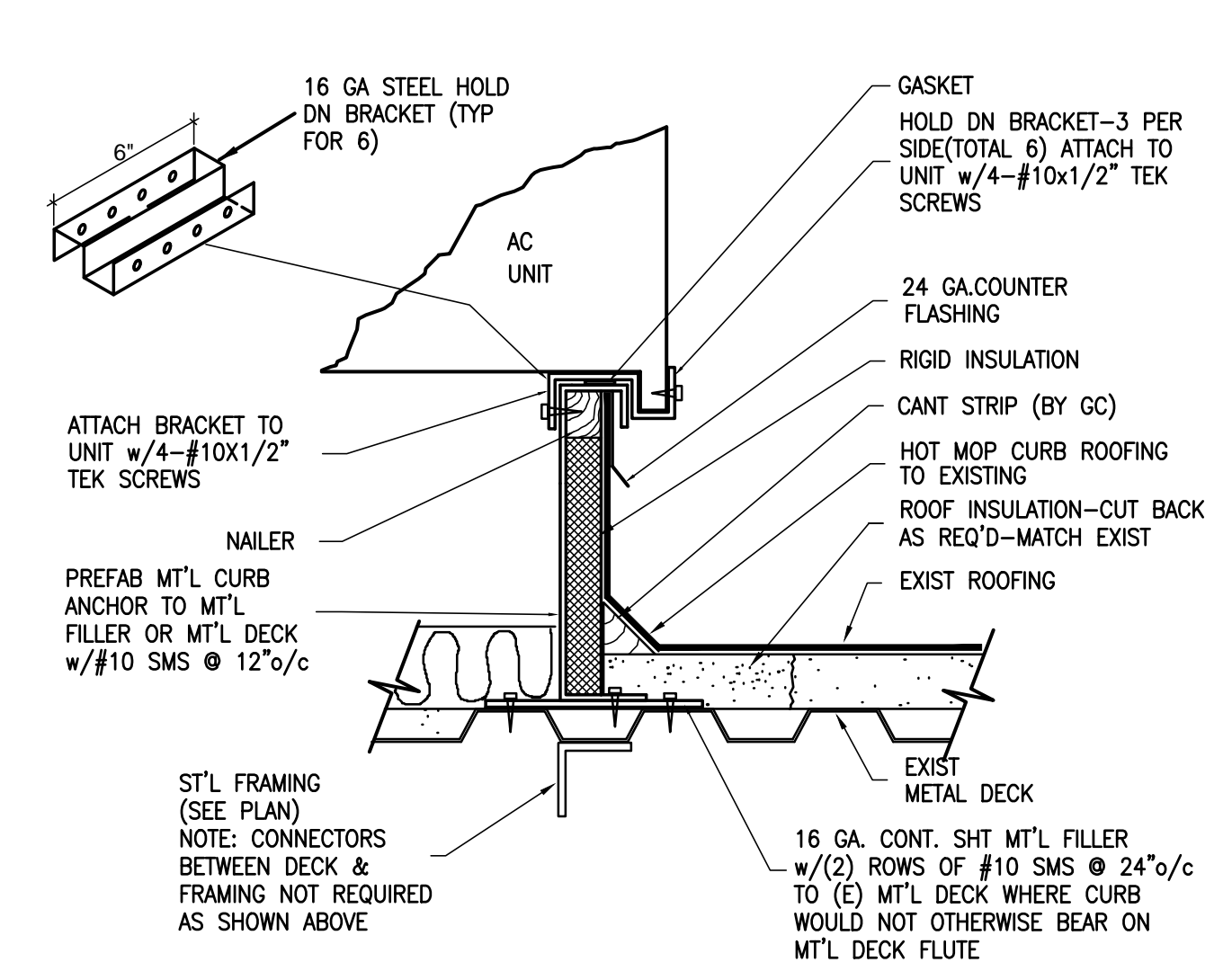
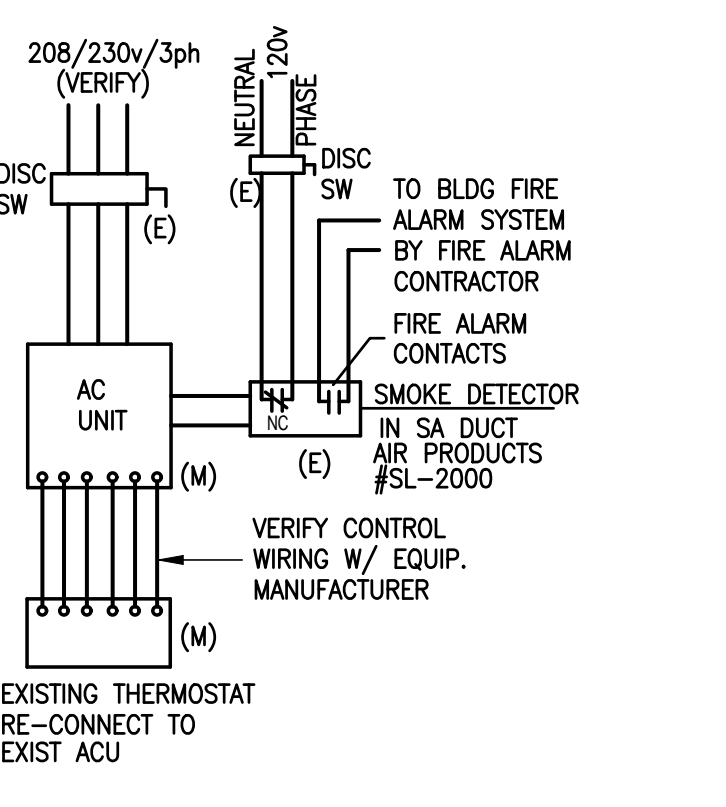
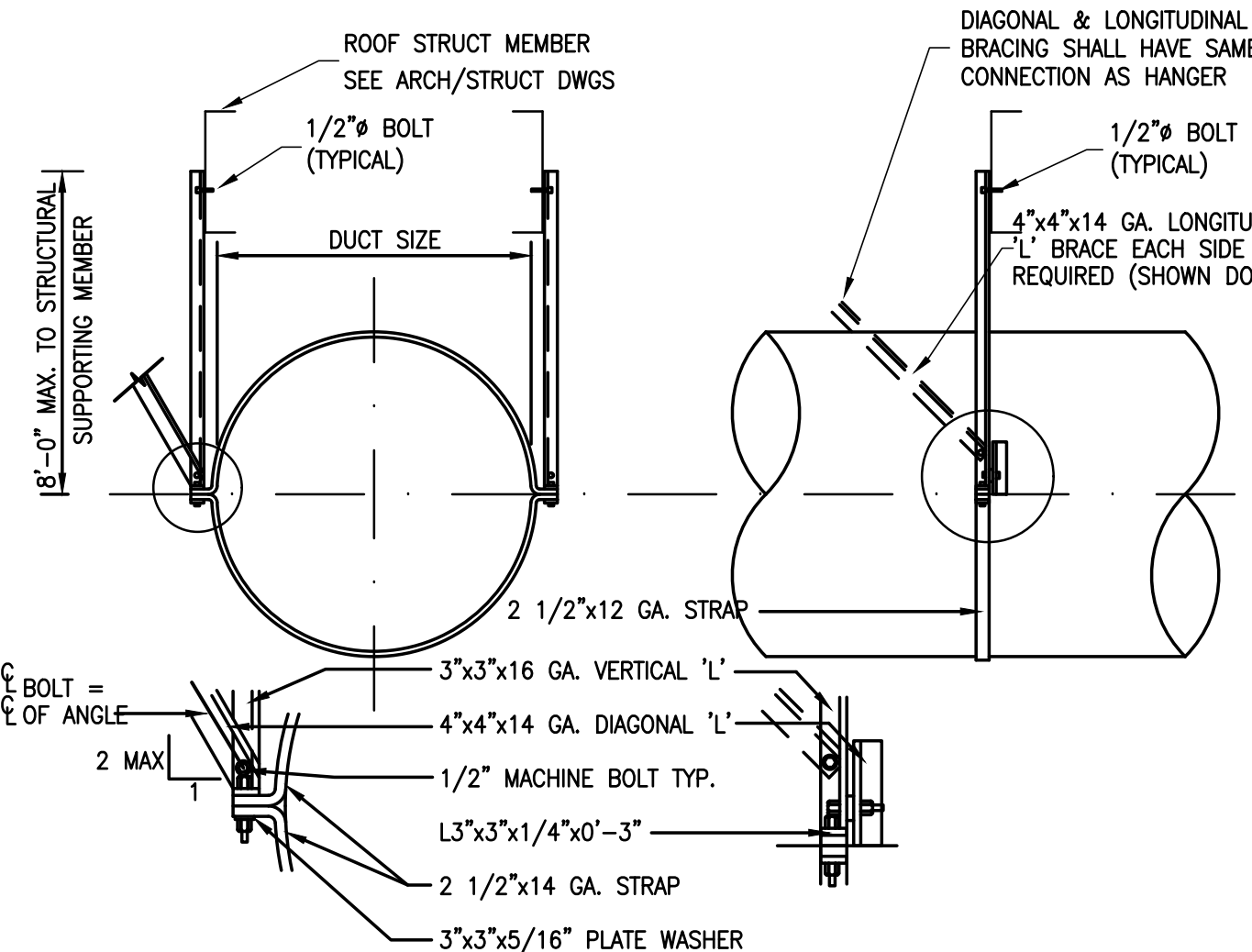
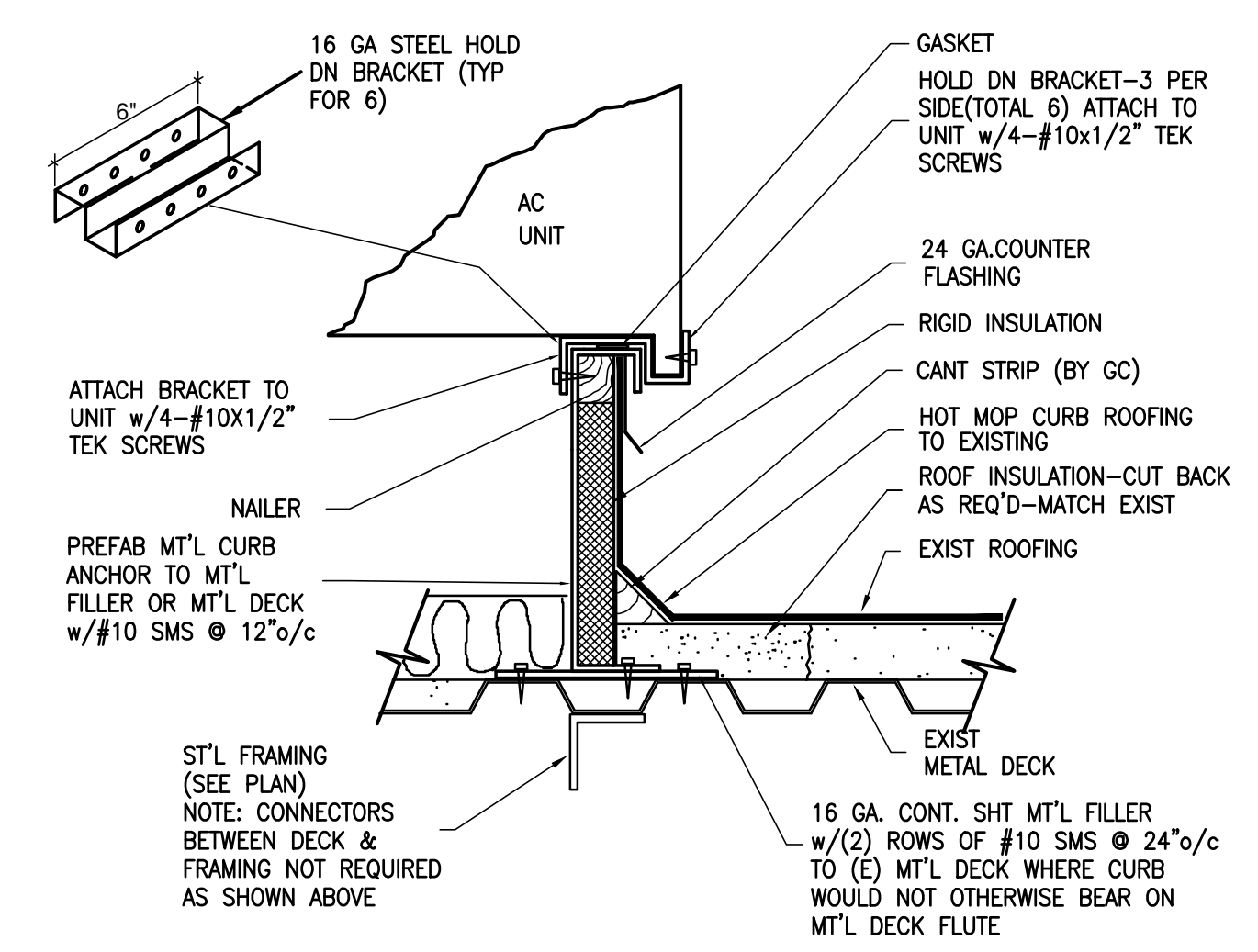
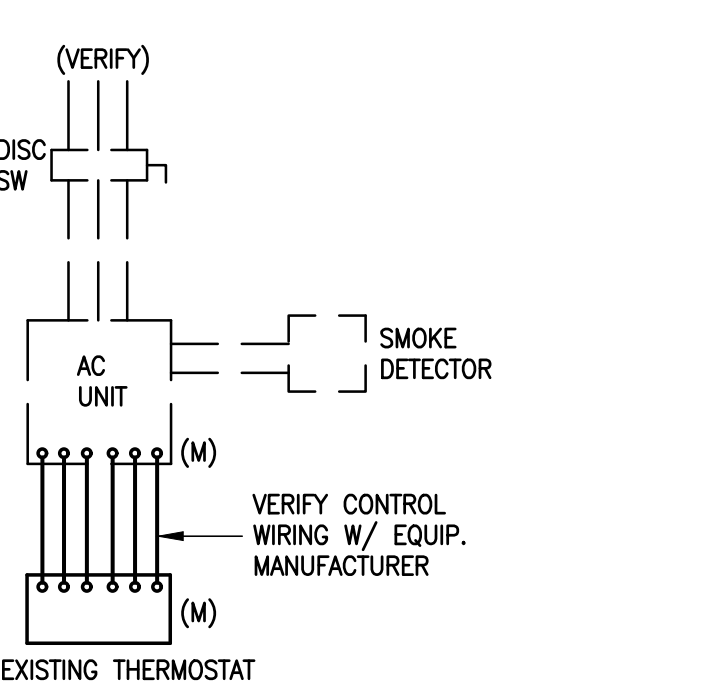
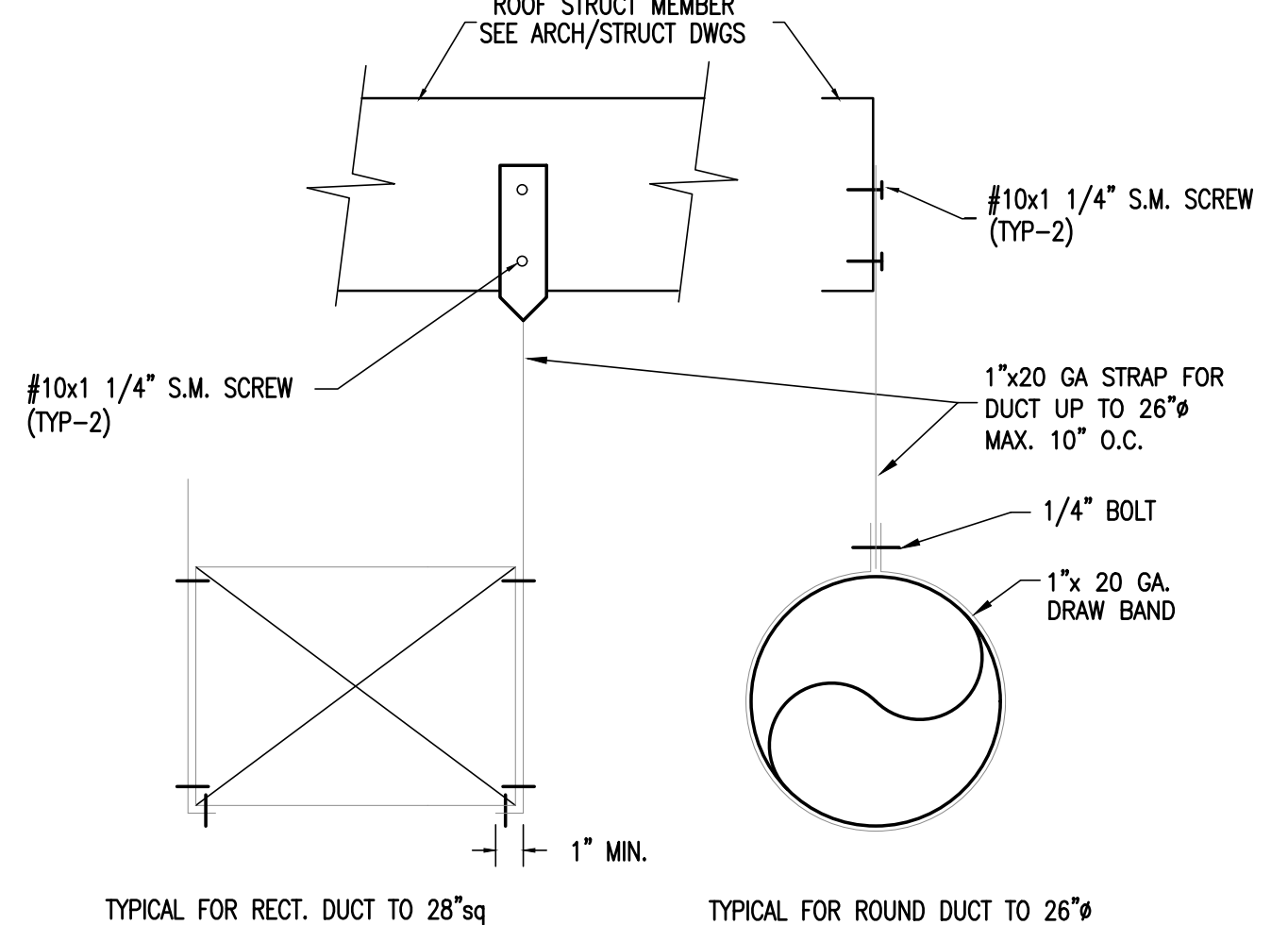
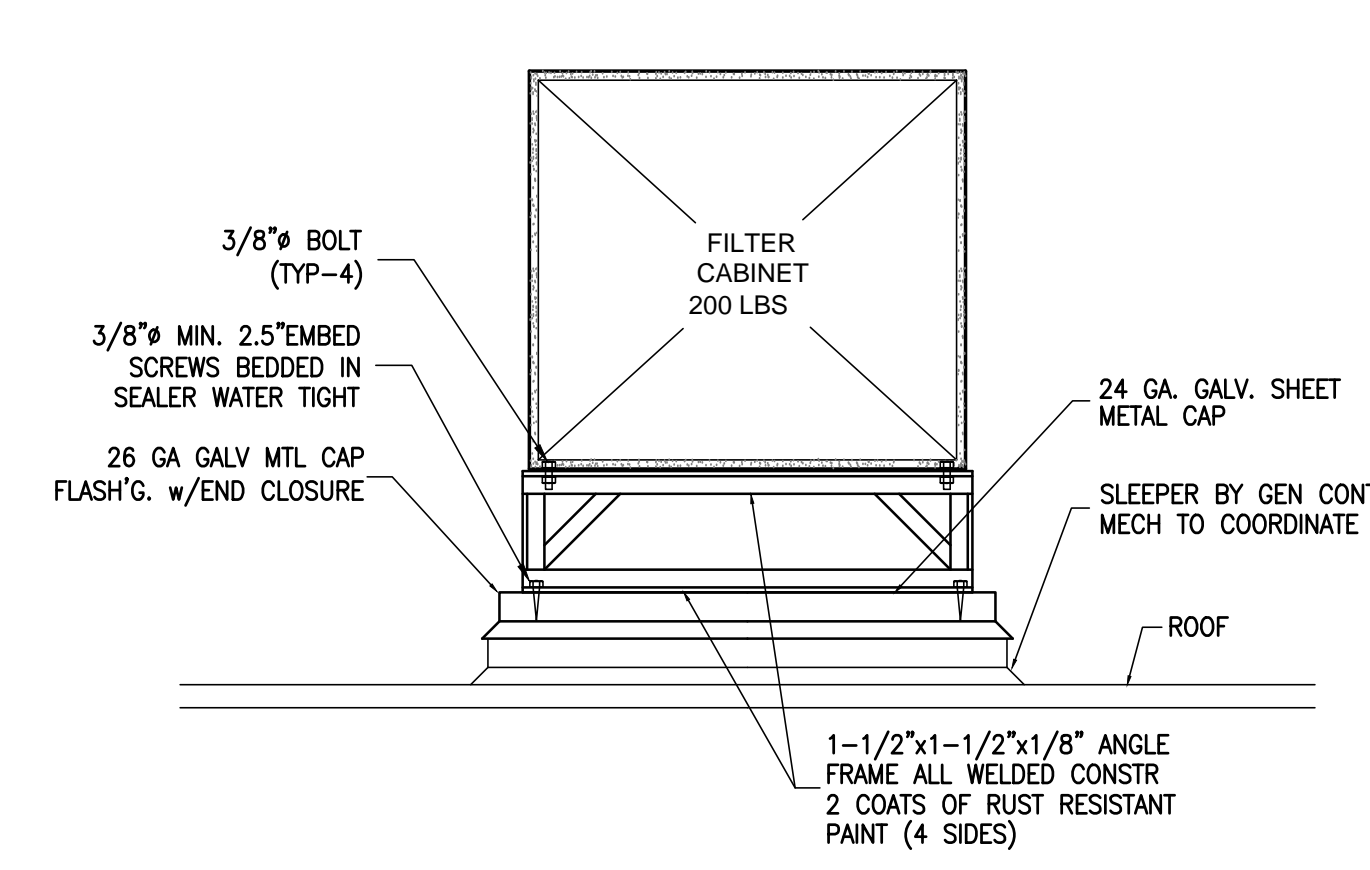
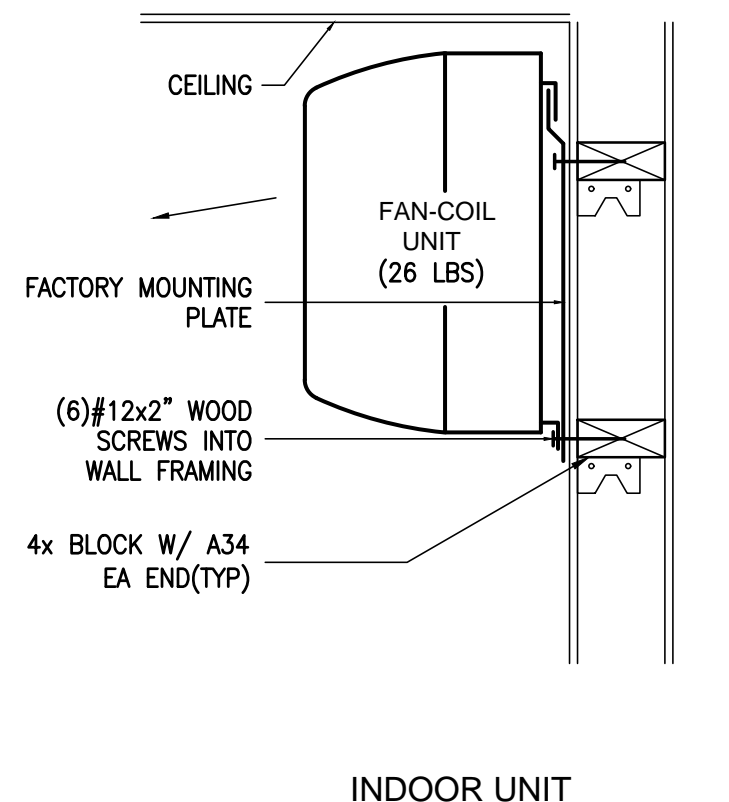
PACKAGED ROOFTOP UNITS	
MARK	DESCRIPTION
	EXISTING 5 TON SINGLE PACKAGE ROOFTOP UNIT - ELECTRIC CLG & GAS HTG SET @ 900 CFM @ 1.6"ESP - PROVIDE HIGH STATIC DRIVES & BELT AS REQ'D TO MEET DESIGN - UNIT POWER EXHAUST & ECONOMIZER TO BE DISCONNECTED AND REMOVED CAP, OSA AND EXHAUST OPENINGS. FIELD VERIFY FOR ALL REQ'D MODIFICATIONS PER MFG'S RECOMMENDATIONS
	EXISTING 7.5 TON SINGLE PACKAGE ROOFTOP UNIT - ELECTRIC CLG & GAS HTG SET @ 3000 CFM @ 1.6"ESP - PROVIDE HIGH STATIC DRIVES & BELT AS REQ'D TO MEET DESIGN - UNIT POWER EXHAUST & ECONOMIZER TO BE DISCONNECTED AND REMOVED, CAP, OSA AND EXHAUST OPENINGS. FIELD VERIFY FOR ALL REQ'D MODIFICATIONS PER MFG'S RECOMMENDATIONS
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	EXISTING 3 TON SINGLE PACKAGE ROOFTOP UNIT - ELECTRIC CLG & GAS HTG SET @ 1200 CFM @ 1.6"ESP - PROVIDE HIGH STATIC DRIVES & BELT AS REQ'D TO MEET DESIGN - UNIT POWER EXHAUST & ECONOMIZER TO BE DISCONNECTED AND REMOVED CAP, OSA AND EXHAUST OPENINGS. FIELD VERIFY FOR ALL REQ'D MODIFICATIONS PER MFG'S RECOMMENDATIONS
	EXISTING 3 TON SINGLE PACKAGE ROOFTOP UNIT - ELECTRIC CLG & GAS HTG SET @ 1000 CFM @ 1.6"ESP - PROVIDE HIGH STATIC DRIVES & BELT AS REQ'D TO MEET DESIGN - UNIT POWER EXHAUST & ECONOMIZER TO BE DISCONNECTED AND REMOVED CAP, OSA AND EXHAUST OPENINGS. FIELD VERIFY FOR ALL REQ'D MODIFICATIONS PER MFG'S RECOMMENDATIONS
	EXISTING 5 TON SINGLE PACKAGE ROOFTOP UNIT - ELECTRIC CLG & GAS HTG SET @ 2000 CFM @ 1.6"ESP - PROVIDE HIGH STATIC DRIVES & BELT AS REQ'D TO MEET DESIGN - UNIT POWER EXHAUST & ECONOMIZER TO BE DISCONNECTED AND REMOVED CAP, OSA AND EXHAUST OPENINGS. FIELD VERIFY FOR ALL REQ'D MODIFICATIONS PER MFG'S RECOMMENDATIONS
	EXISTING 3 TON SINGLE PACKAGE ROOFTOP UNIT - ELECTRIC CLG & GAS HTG SET @ 900 CFM @ 1.6"ESP - PROVIDE HIGH STATIC DRIVES & BELT AS REQ'D TO MEET DESIGN - UNIT POWER EXHAUST & ECONOMIZER TO BE DISCONNECTED AND REMOVED CAP, OSA AND EXHAUST OPENINGS. FIELD VERIFY FOR ALL REQ'D MODIFICATIONS PER MFG'S RECOMMENDATIONS
	NOM. 3.0 TON - CARRIER #48HCL04A43AS-AA0A00 SINGLE-PACKAGE ROOFTOP UNIT ELECTRIC CLG & GAS HTG - 15.0 SEER - 900 CFM @ 1.6"ESP - HIGH STATIC BELT DRIVE - 1 STAGE COOLING @ AHRI RATINGS - HTG, 60,000 BTUH GAS INPUT, 48,000 BTUH OUTPUT - MICROMET, ULTRA LOW LEAK ECONOMIZER WITH BAROMETRIC RELIEF, HONEYWELL CONTROLS, DRY BULB SENSOR, HOOD BASE ELECTROMECH CONTROLS - MICROMET, SLOPED ROOF CURB - FLUE DEFLECTOR - POWERED CONVENIENCE OUTLET - 30 MCA @ 460v/3ø, 35 MOP - 870 LBS


ROOM	A AREA (SF)	B CEILING HT. (FEET)	C VOLUME (CU.FT.) (A x B)	D MIN TOTAL ACH PER HR. (TABLE 4-A)	E MIN SYSTEM CFM (SA)	F MIN. OUTDOOR ACH PER HR (TABLE 4-A)	G MIN OSA	DESIGN CFM				EXH	PRESSURE
	SA	RA	OSA										
AC-1 (EX 5 TON)													
145 BILLING DEPT.	438	10	4380	4	292	2	146	1000	1000	370	-	NR	
146 OFFICE	92	10	920	4	61	2	31	165	165	61	-	NR	
143 MENS	170	10	1700	10	283	NR	-	260	-	-	290	N	
144 WOMENS	151	10	1510	10	252	NR	-	225	-	-	250	N	
142 TESTING	78	10	780	6	78	2	26	150	-	56	150	NR	
141 HALL	114	10	1140	4	76	2	38	200	95	74	-	NR	
150 JANITOR	27	10	270	10	45	NR	-	-	-	-	50	NR	
TOTALS	1070				1087		241	2000	1260	740	740		
AC-2 (EX 7.5 TON)													
155 MEDICAL RECORDS	149	10	1490	4	99	2	50	335	-	123	330	NR	
156 MEDICAL DIRECTOR	194	10	1940	4	129	2	65	455	-	167	440	NR	
157 R.R.	74	10	740	10	123	NR	-	120	-	-	140	N	
132 OFFICE	172	10	1720	4	115	2	57	395	205	145	190	NR	
133 EXAM	113	10	1130	6	113	2	38	260	260	95	-	NR	
135 EXAM	113	10	1130	6	113	2	38	260	260	95	-	NR	
136 EXAM	113	10	1130	6	113	2	38	260	260	95	-	NR	
137 EXAM	113	10	1130	6	113	2	38	260	260	95	-	NR	
138 EXAM	113	10	1130	6	113	2	38	260	260	95	-	NR	
139 OFFICE	172	10	1720	4	115	2	57	395	395	145	-	NR	
TOTALS	1326				1146		417	3000	1900	1100	1100		
AC-3 (EX 7.5 TON)													
154 RECORDS	113	10	1130	4	75	2	38	170	170	72	-	NR	
155 STORAGE	93	10	930	4	62	2	31	105	*	44	-	NR	
148 OPEN OFFICE	704	10	7040	4	469	2	235	1220	*	512	**	NR	
149 HALL	47	10	470	4	31	2	16	55	*	23	**	NR	
152 X-RAY VIEWING ROOM	103	10	1030	6	103	2	34	165	165	69	-	NR	
131 EXAM	78	10	780	6	78	2	26	115	115	48	-	NR	
134 DRUG CLOSET	104	10	1040	4	69	2	35	130	130	55	-	NR	
140 NURSES STATION	214	10	2140	6	214	2	71	315	*	132	**	NR	
130 VITALS	22	10	220	6	22	2	7	30	*	13	**	NR	
123 HALL	565	10	5650	4	377	2	188	620	*	260	**	NR	
122 R.R.	67	10	670	10	112	NR	-	75	-	32	90	N	
TOTALS	2110				1613		681	3000	1740	1260	1100		
AC-4 (EX 7.5 TON)													
121 CHECKOUT	112	10	1120	6	112	2	37	310	310	104	-	NR	
124 EXAM	108	10	1080	6	108	2	36	280	280	94	-	NR	
125 EXAM	108	10	1080	6	108	2	36	280	280	94	-	NR	
126 EXAM	108	10	1080	6	108	2	36	280	280	94	-	NR	
127 EXAM	108	10	1080	6	108	2	36	280	280	94	-	NR	
128 EXAM	108	10	1080	6	108	2	36	280	280	94	-	NR	
129 EXAM	112	10	1120	6	112	2	37	290	290	97	-	NR	
151 XRAY ROOM	331	10	3310	6	331	2	110	1000	-	384	1000	NR	
TOTALS	1095				1095		365	3000	2000				
AC-5 (EX 3 TON)													
105 MARKETING	183	10	1830	6	183	2	61	350	145	139	205	NR	
109 INFUSION	141	10	1410	6	141	2	47	270	-	107	240	P	
111 BEDROOM	162	9	1458	4	97	2	49	290	290	115	-	NR	
113 BEDROOM	162	9	1458	4	97	2	49	290	290	115	-	NR	
TOTALS	648				518		205	1200	725	476	445		
AC-6 (EX 3 TON)													
118 BEDROOM	162	10	1620	4	108	2	54	310	310	93	-	NR	
117 BEDROOM	204	10	2040	4	136	2	68	390	390	117	-	NR	
119 JANITOR/LAUNDRY	159	10	1590	10	265	NR	-	300	-	90	330	N	
TOTALS	525				509		122	1000	700	300	330		
AC-7 (EX 5 TON)													
105 HALL	329	9	2961	4	197	2	99	525	250	150	280	NR	
107 MONITORING	93	10	930	6	93	2	31	175	175	50	-	NR	
108 R.R.	57	10	570	10	95	NR	-	90	-	-	100	N	
114 HALL	115	9	1035	4	69	2	35	185	185	53	-	NR	
110 STORAGE	127	10	1270	2	42	NR	-	205	185	58	-	NR	
106 STORAGE	81	10	810	10	135	NR	-	150	135	43	-	NR	
112 BEDROOM	150	9	1350	4	90	2	45	280	280	80	-	NR	
115 R.R.	62	9	558	10	93	NR	-	90	-	-	100	N	
116 SHOWER	60	9	540	10	90	NR	-	80	-	-	90	N	
104 LOBBY	106	10	1060	4	71	2	36	220	220	63	-	NR	
TOTALS	1180				975		209	2000	1430	570	570		
AC-9 / AC-8 (EX 3 TON)													
100 LOBBY/102 WAITING	901	10	9010	10	1502	10	1502	1800	-	1800	1980	N	
TOTALS	901				1502		1502	1800	0	0	1980		
MS-1													
158 IT ROOM	56	10	560	10	93	10	19					NR	
TOTALS	56				93		19	0		0	0		
NOTES:													
* RETURN AIR INCLUDED WITH OVERALL RAG IN OPEN AREA.													
** EXHAUST AIR INCLUDED WITH OVERALL EAG													

DATE	ISSUED FOR	MARK
07/01/19	OWNER SD SUBMITTAL	△
07/31/19	OWNER CD SUBMITTAL	△
08/15/19	OWNER CD SUBMITTAL	△
		△
		△
		△


Project No. : C19-148
MECHANICAL
SCHEDULES

M4.0

			<p>LEGEND</p> <p>E FURNISHED, INSTALLED, & WIRED BY ELECTRICAL CONTRACTOR</p> <p>M FURNISHED, INSTALLED, & WIRED BY MECHANICAL CONTRACTOR</p> <p>ALL CONTROL WIRING & CONDUIT INCLUDING LINE & LOW VOLTAGE FURNISHED & INSTALLED BY MECHANICAL CONTRACTOR</p> <p>ALL POWER WIRING & CONDUIT INCLUDING LINE & LOW VOLTAGE FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR</p> <p>MS.2 TO BE SET TO RUN 24/7.</p> 	 <p>TYPICAL FOR RECT. DUCT LARGER THAN 28"sq</p> <p>DETAIL SHOWN FOR REFERENCE ONLY – CONTRACTOR TO INSTALL PER 2016 CMC CHAPTER 6 & SMACNA GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS & PLUMBING PIPING SYSTEMS.</p>	 <p>16 GA. CONT. SHIT MTL FILLER w/(2) ROWS OF #10 SMS @ 24"/c TO (E) MTL DECK WHERE CURB WOULD NOT OTHERWISE BEAR ON MTL DECK FLUTE</p>							
17	N.T.S.	13	N.T.S.	9	CONTROL DIAGRAM - MINI SPLIT-TYP	N.T.S.	5	DUCT HANGER - TYP.	N.T.S.	1	AC UNIT MOUNTING	N.T.S.
			<p>NOTE</p> <p>1. SUPPLY AIR FAN TO BE WIRED TO RUN CONTINUOUS DURING OCCUPIED HOURS</p> <p>2. INTERLOCK RELATED EXHAUST FAN TO RUN AT THE SAME TIME AS THE UNIT SUPPLY FAN</p> <p>3. ALL CONTROL WIRING & CONDUIT INCLUDING LINE & LOW VOLTAGE FURNISHED & INSTALLED BY MECHANICAL CONTRACTOR</p> <p>4. ALL POWER WIRING & CONDUIT INCLUDING LINE & LOW VOLTAGE FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR</p> <p>LEGEND</p> <p>E FURNISHED, INSTALLED, & WIRED BY ELECTRICAL CONTRACTOR</p> <p>M FURNISHED, INSTALLED, & WIRED BY MECHANICAL CONTRACTOR</p> <p>ME FURNISHED & INSTALLED BY MECHANICAL & WIRED BY ELECTRICAL</p> 	 <p>TYPICAL FOR ROUND DUCT LARGER THAN 26"Ø</p> <p>DETAIL SHOWN FOR REFERENCE ONLY – CONTRACTOR TO INSTALL PER 2016 CMC CHAPTER 6 & SMACNA GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS & PLUMBING PIPING SYSTEMS.</p>	 <p>16 GA. CONT. SHIT MTL FILLER w/(2) ROWS OF #10 SMS @ 24"/c TO (E) MTL DECK WHERE CURB WOULD NOT OTHERWISE BEAR ON MTL DECK FLUTE</p>							
18	N.T.S.	14	N.T.S.	10	CONTROL DIAGRAM	N.T.S.	6	DUCT HANGER - TYP	N.T.S.	2	ERV UNIT MOUNTING	N.T.S.
			<p>NOTE</p> <p>1. SUPPLY AIR FAN TO BE WIRED TO RUN CONTINUOUS DURING OCCUPIED HOURS</p> <p>2. INTERLOCK RELATED EXHAUST FAN TO RUN AT THE SAME TIME AS THE UNIT SUPPLY FAN</p> <p>3. ALL CONTROL WIRING & CONDUIT INCLUDING LINE & LOW VOLTAGE FURNISHED & INSTALLED BY MECHANICAL CONTRACTOR</p> <p>4. ALL POWER WIRING & CONDUIT INCLUDING LINE & LOW VOLTAGE FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR</p> <p>LEGEND</p> <p>E FURNISHED, INSTALLED, & WIRED BY ELECTRICAL CONTRACTOR</p> <p>M FURNISHED, INSTALLED, & WIRED BY MECHANICAL CONTRACTOR</p> <p>ME FURNISHED & INSTALLED BY MECHANICAL & WIRED BY ELECTRICAL</p> 	 <p>TYPICAL FOR RECT. DUCT TO 28"sq</p> <p>TYPICAL FOR ROUND DUCT TO 26"Ø</p> <p>DETAIL SHOWN FOR REFERENCE ONLY – CONTRACTOR TO INSTALL PER 2016 CMC CHAPTER 6 & SMACNA GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS & PLUMBING PIPING SYSTEMS.</p>	 <p>1-1/2"x1-1/2"x1/8" ANGLE FRAME ALL WELDED CONSTR 2 COATS OF RUST RESISTANT PAINT (4 SIDES)</p>							
19	N.T.S.	15	N.T.S.	11	EXISTING AC UNIT CONTROL DIAGRAM	N.T.S.	7	DUCT HANGER - TYP	N.T.S.	3	FILTER CABINET MTG - TYP	N.T.S.
										 <p>INDOOR UNIT</p>		
20	N.T.S.	16	N.T.S.	12		N.T.S.	8		N.T.S.	4	FAN-COIL UNIT MTG - MS-1	N.T.S.



Klassen
 corporation
 Architecture
 Construction
 2021 Westwind Drive
 Bakersfield, CA 93301
 (661) 324-3000
 (661) 324-3900 Fax
 www.klassencorp.com



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 ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS
 FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS.
 SHOP DRAWINGS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL
 BEFORE PROCEEDING WITH FABRICATION.

TENANT IMPROVEMENTS
SAN JOAQUIN VALLEY PULMONARY
5801 TRUXTUN AVE, BAKERSFIELD CA 933309

MARK	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
ISSUED FOR	OWNER SD SUBMITTAL OWNER CD SUBMITTAL OWNER CD SUBMITTAL
DATE	07/03/19 07/23/19 08/15/19

Project No. : C19-148

MECHANICAL DETAILS

M5.0