

ABBREVIATIONS AND SYMBOLS

ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS.

MECHANICAL		PLUMBING		ELECTRICAL																																			
PIPING DESIGNATIONS	EQUIPMENT DESIGNATIONS	PIPING SYMBOLS	PIPING DESIGNATIONS	POWER SYMBOLS	ABBREVIATIONS																																		
<p>— CHS — CHILLED WATER SUPPLY</p> <p>— CHR — CHILLED WATER RETURN</p> <p>— CWS — CONDENSER WATER SUPPLY</p> <p>— CWR — CONDENSER WATER RETURN</p> <p>— HWS — HEATING WATER SUPPLY</p> <p>— HWR — HEATING WATER RETURN</p> <p>— HPWS — HEAT PUMP WATER SUPPLY</p> <p>— HPWR — HEAT PUMP WATER RETURN</p> <p>— E — EXPANSION LINE</p> <p>— CD — CONDENSATE DRAIN</p>	<p>AC AIR COMPRESSOR</p> <p>AF AIR FILTER</p> <p>AH/AHU AIR HANDLING UNIT</p> <p>AS AIR SEPARATOR</p> <p>BF BOOSTER FAN</p> <p>CP CIRCULATING PUMP</p> <p>CRAC COMPUTER ROOM AIR CONDITIONER</p> <p>CT COOLING TOWER</p> <p>CU CONDENSING UNIT, AIR COOLED</p> <p>CVT CONSTANT VOLUME FAN TERMINAL COOL/HEAT</p> <p>EDH ELECTRIC DUCT HEATER</p> <p>EF EXHAUST FAN</p> <p>EUH ELECTRIC UNIT HEATER</p> <p>FCU FAN COIL UNIT</p> <p>FD FIRE DAMPER</p> <p>FPB FAN POWERED BOX</p> <p>FSD FIRE/SMOKE COMBINATION DAMPER</p> <p>GRV GRAVITY ROOF VENTILATOR</p> <p>GUH GAS-FIRED UNIT HEATER</p> <p>HC HEATING COIL</p> <p>HP HEAT PUMP, AIR SOURCE</p> <p>HUM HUMIDIFIER</p> <p>HX HEAT EXCHANGER</p> <p>IRH INFRARED HEATER</p> <p>KEF KITCHEN EXHAUST FAN</p> <p>KSF KITCHEN SUPPLY FAN</p> <p>MAU MAKE-UP AIR UNIT</p> <p>MD MOTORIZED DAMPER</p> <p>RTU ROOF TOP UNIT</p> <p>SA SOUND ATTENUATOR</p> <p>SD SMOKE DAMPER</p> <p>SF SUPPLY FAN</p> <p>VAV VARIABLE VOLUME TERMINAL – COOL ONLY</p> <p>VFD VARIABLE FREQUENCY DRIVE</p> <p>VRF VARIABLE REFRIGERANT FLOW</p> <p>VSD VARIABLE SPEED DRIVE</p> <p>VT VARIABLE VOLUME & TEMPERATURE</p> <p>WH WALL HEATER</p> <p>WHP HEAT PUMP, WATER SOURCE</p>	<p>PIPING UP</p> <p>PIPING DOWN</p> <p>CAPPED PIPE TERMINATION</p> <p>CONNECTION BOTTOM OF MAIN</p> <p>CONNECTION TOP OF MAIN</p> <p>DIRECTION OF FLOW</p> <p>SLOPE DOWN IN DIRECTION SHOWN</p> <p>CONCENTRIC REDUCER</p> <p>ECCENTRIC REDUCER</p> <p>GATE VALVE</p> <p>BALL VALVE</p> <p>BUTTERFLY VALVE</p> <p>GLOBE VALVE</p> <p>TEMPERATURE & PRESSURE RELIEF VALVE</p> <p>GAS COCK</p> <p>PRESSURE REGULATING VALVE</p> <p>CHECK VALVE</p> <p>HYDRAULIC SHOCK ARRESTOR</p> <p>SOLENOID VALVE</p> <p>ANGLE VALVE</p> <p>GAUGE COCK</p> <p>AIR VENT</p> <p>PRESSURE GAUGE</p> <p>STRAINER</p> <p>THERMOMETER WELL</p> <p>EXPANSION JOINT</p> <p>UNION</p> <p>HOSE BIBB OR HYDRANT</p> <p>THERMOMETER</p> <p>P-TRAP</p> <p>FLOOR DRAIN/FLOOR SINK WITH P-TRAP</p> <p>HUB DRAIN WITH P-TRAP</p> <p>FLOOR CLEANOUT OR GRADE CLEANOUT</p> <p>CLEANOUT OR WALL CLEANOUT</p> <p>DOUBLE CHECK BACKFLOW PREVENTER</p> <p>REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER</p> <p>CONNECT TO EXISTING</p>	<p>EXISTING TO REMAIN</p> <p>EXISTING TO BE REMOVED/DEMOLISHED</p> <p>DOMESTIC COLD WATER</p> <p>DOMESTIC HOT WATER</p> <p>DOMESTIC HOT WATER RETURN</p> <p>DIRECTION OF FLOW</p> <p>NATURAL GAS</p> <p>WATER SERVICE</p> <p>COMPRESSED AIR</p> <p>VACUUM</p> <p>INDIRECT WASTE</p> <p>SANITARY SEWER</p> <p>SANITARY VENT</p> <p>PRIMARY ROOF DRAIN</p> <p>OVERFLOW ROOF DRAIN</p> <p>STORM DRAIN</p> <p>BELOW GRADE SUB-SOIL DRAIN</p> <p>ACID WASTE</p> <p>ACID VENT</p> <p>GREASE WASTE</p> <p>TRAP PRIMER SUPPLY</p>	<p>GENERAL PURPOSE RECEPTACLE</p> <p>XX=HEIGHT ABOVE FINISHED FLOOR</p> <p>FLOOR GENERAL PURPOSE RECEPTACLE</p> <p>CEILING GENERAL PURPOSE RECEPTACLE</p> <p>GFI RECEPTACLE</p> <p>1/2 SWITCHED RECEPTACLE</p> <p>QUADRAPLEX RECEPTACLE</p> <p>FLOOR QUADRAPLEX RECEPTACLE</p> <p>CEILING QUADRAPLEX RECEPTACLE</p> <p>USB/DUPLEX RECEPTACLE</p> <p>SPECIAL RECEPTACLE</p> <p>TELEVISION OUTLET</p> <p>TELEPHONE OUTLET</p> <p>FLOOR TELEPHONE OUTLET</p> <p>CEILING TELEPHONE OUTLET</p> <p>DATA OUTLET</p> <p>FLOOR DATA OUTLET</p> <p>CEILING DATA OUTLET</p> <p>TELE/Data OUTLET</p> <p>FLOOR TELE/Data OUTLET</p> <p>CEILING TELE/Data OUTLET</p> <p>JUNCTION BOX – SIZE IN ACCORDANCE WITH NEC FOR SPECIFIC APPLICATION</p> <p>FLOOR JUNCTION BOX</p> <p>CEILING JUNCTION BOX</p> <p>COMBINATION MOTOR STARTER & FUSED DISCONNECT</p> <p>NON-FUSED DISCONNECT SWITCH</p> <p>*WP* INDICATES WEATHER PROOF, MOTOR RATED</p> <p>FUSED DISCONNECT SWITCH</p> <p>(EX. 30/15/3 = 30A RATED DISC., 15A FUSES, (EX. 3 PHASE)</p> <p>*WP* INDICATES WEATHER PROOF, MOTOR RATED</p> <p>CIRCUIT BREAKER IN NEMA ENCLOSURE</p> <p>MOTOR</p> <p>CIRCUIT HOME RUN</p> <p>CROSS MARKS INDICATE WIRES (NEUTRAL, HOT, COMMON GROUND, ISOLATED GROUND)</p> <p>PANELBOARD (240 VOLT AND BELOW)</p> <p>PANELBOARD (480 VOLT)</p> <p>TRANSFORMER</p> <p>EMERGENCY POWER OFF (EPO) BUTTON</p> <p>COPPER GROUND BAR ASSEMBLY</p> <p>KWH METER</p>	<p>AC ALTERNATING CURRENT</p> <p>A AMPS</p> <p>AFF ABOVE FINISHED FLOOR</p> <p>ATS AUTOMATIC TRANSFER SWITCH</p> <p>C CONDUIT</p> <p>CCTV CLOSED CIRCUIT T.V.</p> <p>CLG CEILING</p> <p>DP DISTRIBUTION PANEL</p> <p>EG EQUIPMENT GROUND</p> <p>ELEC ELECTRIC</p> <p>EMERG EMERGENCY</p> <p>FA FIRE ALARM</p> <p>FAP FIRE ALARM ANUNCIATOR PANEL</p> <p>FACP FIRE ALARM CONTROL PANEL</p> <p>FLR FLOOR</p> <p>G,GRD GROUND</p> <p>GEN GENERATOR</p> <p>GFI GROUND FAULT CIRCUIT INTERRUPTER</p> <p>HP HORSE POWER</p> <p>HV HIGH VOLTAGE</p> <p>IG ISOLATED GROUND</p> <p>JB JUNCTION BOX</p> <p>LTS LIGHTS</p> <p>LTG LIGHTING</p> <p>LV LOW VOLTAGE</p> <p>MCB MAIN CIRCUIT BREAKER</p> <p>MDP MAIN DISTRIBUTION PANEL</p> <p>MLO MAIN LUGS ONLY</p> <p>MTD MOUNTED</p> <p>HTG HT MOUNTING HEIGHT</p> <p>P POLE</p> <p>PH PHASE</p> <p>PB PULL BOX</p> <p>PNL PANEL</p> <p>REC,RECEP RECEPTACLE</p> <p>SS SAFETY SWITCH</p> <p>TEL TELEPHONE</p> <p>TV TELEVISION</p> <p>UNO UNLESS NOTED OTHERWISE</p> <p>V VOLTAGE</p> <p>WP WEATHER PROOF</p> <p>WT WATER TIGHT</p> <p>XFMR TRANSFORMER</p> <p>Φ PHASE</p>																																		
<p>MECHANICAL SYMBOLS</p>		<p>EQUIPMENT DESIGNATIONS</p> <p>AC AIR COMPRESSOR</p> <p>CP CIRCULATION PUMP</p> <p>ET EXPANSION TANK</p> <p>EWC ELECTRIC WATER COOLER</p> <p>FD FLOOR DRAIN</p> <p>FP FIRE PUMP</p> <p>FS FLOOR SINK</p> <p>HB HOSE BIBB</p> <p>HD HUB DRAIN</p> <p>JP JOCKEY PUMP</p> <p>L LAATORY</p> <p>MS MOP SINK</p> <p>NFWH NON FREEZE WALL HYDRANT</p> <p>PRV PRESSURE REDUCING VALVE</p> <p>RPBP REDUCED PRESSURE BACKFLOW PREVENTER</p> <p>RV RELIEF VALVE</p> <p>S SINK</p> <p>SA SHOCK ARRESTOR</p> <p>SE SEWAGE EJECTOR</p> <p>SH SHOWER</p> <p>SP SUMP PUMP</p> <p>TD TRENCH DRAIN</p> <p>TM THERMOSTATIC MIXING VALVE</p> <p>TP TRAP PRIMER</p> <p>U URINAL</p> <p>WC WATER CLOSET</p> <p>WCB WASHER CONNECTION BOX</p> <p>WH WATER HEATER</p>		<p>LIGHT FIXTURE LABELING</p> <p>UPPERCASE LETTER – INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE</p> <p>LOWERCASE LETTER – INDICATED SWITCHING GROUP</p> <p>NUMBER INDICATES CIRCUIT</p> <p>NL – INDICATES NIGHT LIGHT</p> <p>FIXTURE WITH BI-LEVEL SWITCHING. LOWER CASE LETTERS INDICATE SWITCH LEGS</p>		<p>LIFE SAFETY SYMBOLS</p> <p>UNSWITCHED EMERGENCY FIXTURE WITH BATTERY BACKUP</p> <p>EXIT SIGN WITH BATTERY BACKUP</p> <p>FLUSH MOUNTED CEILING SPEAKER ASSEMBLY WITH BACK BOX, TRANSFORMER, AND CEILING BAFFLE (WHITE)</p> <p>FIRE ALARM STROBE – VISUAL ONLY COORDINATE FINISH WITH ARCHITECT</p> <p>FIRE ALARM STROBE – COMBINATION AUDIO & VISUAL COORDINATE FINISH WITH ARCHITECT</p> <p>FIRE ALARM HORN – AUDIO ONLY COORDINATE FINISH WITH ARCHITECT</p> <p>FIRE ALARM MANUAL PULL STATION COORDINATE FINISH WITH ARCHITECT</p> <p>FIRE ALARM SMOKE DETECTOR – 120V W/ BATTERY BACK UP. COORDINATE FINISH WITH ARCHITECT</p> <p>X=DD (DUCT DETECTOR), X=SS (SINGLE STATION) X=ER (ELEVATOR RECALL)</p> <p>FIRE ALARM HEAT DETECTOR – 120V W/ BATTERY BACK UP COORDINATE FINISH WITH ARCHITECT</p> <p>HATCHED FIXTURE INDICATES UNSWITCHED FIXTURE ON EMERGENCY CIRCUIT OR BATTERY PACK BATTERY PACKS SHALL BE SELF-TESTING TYPE AND SHALL BE RATED FOR 90 MINUTES</p>																																	
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RENEE GLØTTA
LYNN+
ARCHITECTURE

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© Renee Lynn & Glotta, PLLC

**CareSpot Urgent Care
Clermont Retail Building**

1615 East State Hwy 50, Suite 200
Lake County, Florida 34711

CONSTRUCTION DOCUMENTS



CONTRACTOR SHALL COORDINATE MEP DRAWINGS WITH ALL OTHER DISCIPLINES



5020 Tennyson Parkway - Plano, TX 75024
Dallas / Fort Worth 214.432.3030
Houston 832.532.2007

COVER SHEET SYMBOLS

Project No. 1923
Date 09/27/2019
Last Revision
MEP-1

GENERAL NOTES

ALL NOTES MAY NOT APPLY.

MECHANICAL NOTES:

- 1. IT IS THE INTENT AND MEANING OF THE CONSTRUCTION DOCUMENTS THAT THE CONTRACTOR SHALL PROVIDE A MECHANICAL INSTALLATION THAT IS COMPLETE AND ALL ITEMS AND APPURTENANCES NECESSARY, REASONABLY INCIDENTAL, OR CUSTOMARILY INCLUDED EVEN THROUGH EACH AND EVERY ITEM IS NOT SPECIFICALLY CALLED OUT OR SHOWN.
2. THE CONTRACTOR SHALL MAKE A CAREFUL EXAMINATION OF THE SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH THE REQUIREMENTS OF THE CONTRACT. UPON COMMENCEMENT OF CONSTRUCTION FOR THE WORK INCLUDED IN THIS CONTRACT, THE CONTRACTOR SHALL BE DEEMED TO HAVE MADE SUCH A STUDY OR EXAMINATION AND THAT HE IS FAMILIAR WITH AND ACCEPTS ALL CONDITIONS OF THE PREMISES.
3. PROVIDE EQUIPMENT, MATERIALS, LABOR, SUPERVISION AND SERVICES NECESSARY FOR OR INCIDENTAL TO THE INSTALLATION OF A COMPLETE AND OPERATING HVAC OR PLUMBING SYSTEM AS SHOWN OR INDICATED ON THE DRAWINGS AND/OR AS SPECIFIED.

ELECTRICAL NOTES:

- 1. FOR EXACT LIGHT FIXTURE LOCATIONS, LIGHT FIXTURE SPECIFICATIONS, EXACT RECEPTACLE LOCATIONS AND MOUNTING HEIGHTS, REFER TO ARCHITECTURAL PLANS AND DETAILS. MEP PLANS ARE FOR CIRCUITING INFORMATION AND LIFE SAFETY ONLY.
2. COORDINATE SWITCH/DIMMER LOCATIONS AND SWITCHING/DIMMING PATTERNS WITH ARCHITECT PRIOR TO INSTALLATION.
3. POKE-THROUGH/FLOOR BOX SPECIFICATIONS SHALL BE AS FOLLOWS: DUPLEX - WALKER RC3 (OR EQUIVALENT) QUADRAPLEX - WALKER RC4 (OR EQUIVALENT) FURNITURE FEED (TWO DEVICES SHOWN) - WALKER RC7FFTC FOR POWER, WALKER RC900AM-114 FOR TELE/DATA (OR EQUIVALENTS) FURNITURE FEED (ONE DEVICE SHOWN) - WALKER RC9FFTC COMBINATION POWER/TELE/DATA TOMBSTONE (OR EQUIVALENT) SLAB ON GRADE FLOOR BOX - WALKER OMNIBOX 880CS3-1 (OR EQUIVALENT)

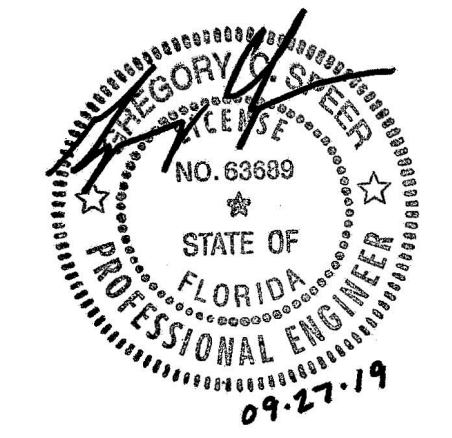
DEMOLITION NOTES:

- 1. PROTECT THE EXISTING EQUIPMENT AND SYSTEMS TO REMAIN OPERATIONAL. IF DAMAGED OR DISTURBED IN THE COURSE OF THE DEMOLITION WORK, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR OR REPLACE WITH NEW PRODUCT OF EQUAL CAPACITY, QUALITY AND FUNCTIONALITY.
2. CONTRACTOR SHALL COORDINATE WITH THE OWNER TO ARRANGE THE SHUT OFF OF UTILITIES.
3. CONTRACTOR SHALL BOX AND/OR PALLETIZE ALL DEMOLISHED EQUIPMENT AND PROTECT IT ON SITE. REMOVE THESE ITEMS FROM THE SITE AT THE DIRECTION OF THE OWNER.



CareSpot Urgent Care
Clermont Retail Building
1615 East State Hwy 50, Suite 200
Lake County, Florida 34711
CONSTRUCTION DOCUMENTS

Table with 3 columns: No., Date, Item. Used for tracking revisions to the construction documents.

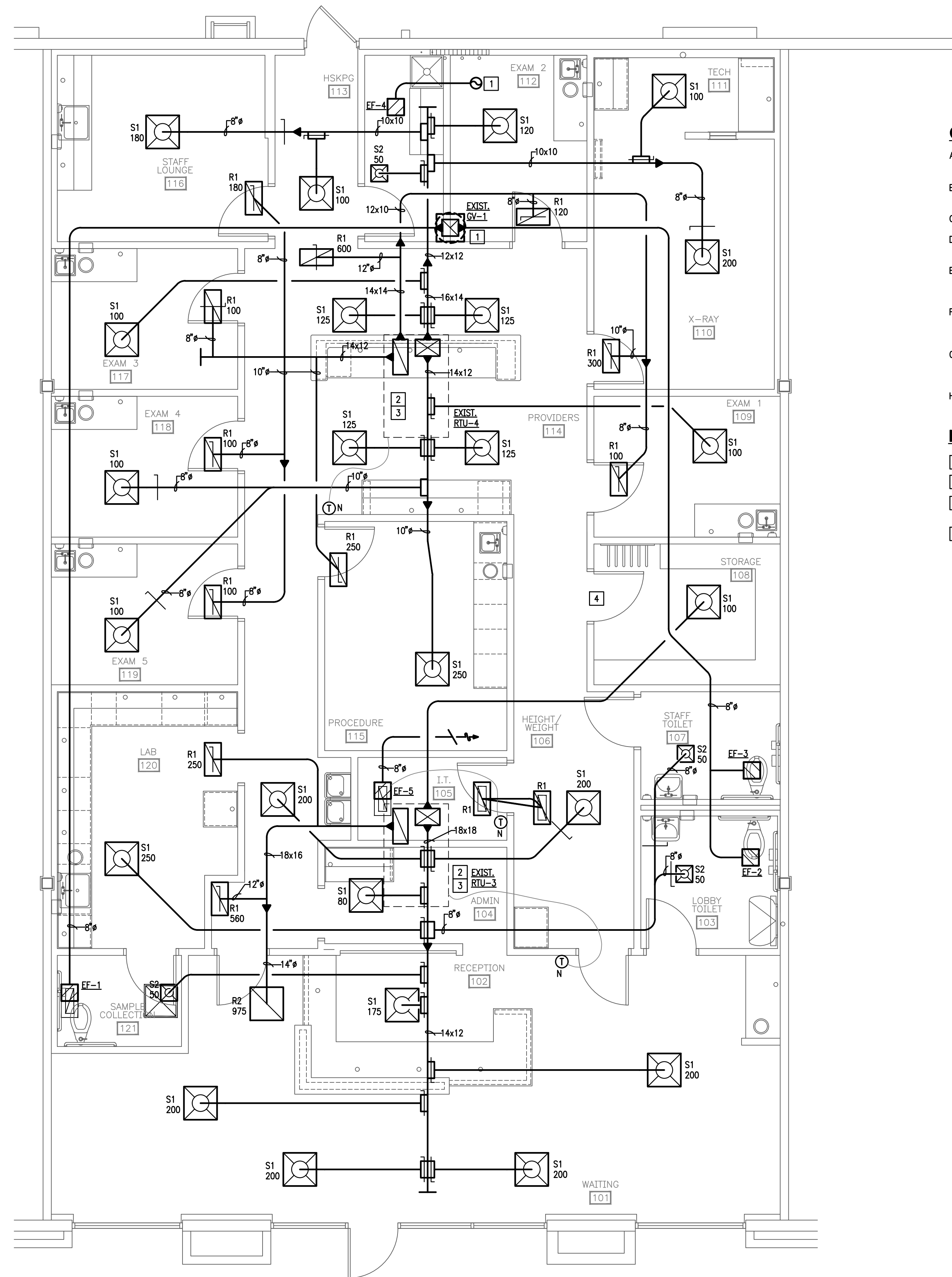


CONTRACTOR SHALL COORDINATE
MEP DRAWINGS WITH ALL OTHER
DISCIPLINES



8020 Tennyson Parkway - Plano, TX 75024
Dallas / Fort Worth 214.432.3030
Houston 832.532.2007

AOS JOB #: 2039-019-19



GENERAL NOTES:

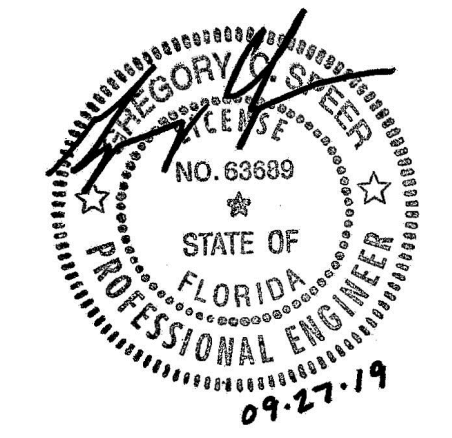
- A. FIELD VERIFY EXISTING CONDITIONS BEFORE BID AND CONSTRUCTION. NO ALLOWANCES WILL BE MADE FOR LACK OF KNOWLEDGE OF EXISTING CONDITIONS.
- B. MAINTAIN 10'-0" CLEARANCES FROM ALL EXHAUST TO OUTSIDE AIR INTAKE OPENINGS PER LOCAL CODES.
- C. MAINTAIN ALL ROOF WARRANTIES.
- D. ALL ROOFING WORK SHALL BE COMPLETED BY THE LANDLORD'S ROOFING CONTRACTOR. MAINTAIN ALL EXISTING ROOF WARRANTIES.
- E. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH LATEST EDITIONS OF ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES, AND INSTALLED ACCORDING TO MANUFACTURER RECOMMENDATIONS.
- F. VERIFY THAT PLACEMENT OF NEW ROOF MOUNTED EQUIPMENT WILL NOT AFFECT THE INTEGRITY OF EXISTING STRUCTURE WITH THE BUILDING MANAGEMENT AND STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION. REPORT ANY DEFICIENCIES TO AOS ENGINEERING.
- G. MOUNT ALL NEW AND RELOCATED THERMOSTATS A MINIMUM OF 48" ABOVE FINISHED FLOOR. THERMOSTAT LOCATIONS ARE DIAGRAMMATIC. FIELD VERIFY EXACT PLACEMENT OF THERMOSTATS WITH TENANT AND ARCHITECT PRIOR TO CONSTRUCTION.
- H. FOR ALL HVAC EQUIPMENT, MAINTAIN ALL MANUFACTURER REQUIRED CLEARANCES FOR ACCESS AND MAINTENANCE.

KEY NOTES:

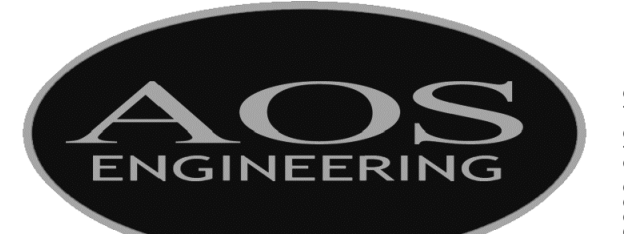
- 1 TIE NEW EXHAUST DUCTS TO EXISTING GRAVITY VENTILATOR.
- 2 SUPPLY AND RETURN AIR DUCTWORK UP TO ROOF. TRANSITION AS REQUIRED FOR CONNECTION TO UNIT.
- 3 ROUTE 1" CONDENSATE TO ROOF DRAIN. TIE VERTICAL PIPING TO WALL. MAINTAIN ALL CITY CODES AND STANDARDS.
- 4 UNDERCUT DOOR BY 1".

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CONTRACTOR SHALL COORDINATE
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FLOOR PLAN - MECHANICAL
 SCALE 1/4" = 1'-0"
 NORTH

GREGORY C. SPEER, STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO. 63689.

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**MECHANICAL
 FLOOR
 PLAN**

Project No.	1923
Date	09/27/2019
Last Revision	M-1

AOS JOB #: 2039-019-19

ELECTRIC PACKAGED ROOFTOP UNIT SCHEDULE

GENERAL					MECHANICAL											ELECTRICAL			REMARKS						
DESIG.	MFR.	MODEL #	DIMENSIONS (LxWxH) (IN.)	WEIGHT (LBS)	FAN						COOLING					HEATING									
					CAPACITY (NOM. TONS)	CFM		ESP (IN. W.G.)	HP	RPM	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	TEMPERATURE (°F)			EER	OUTPUT CAPACITY (MBH)	INPUT CAPACITY (KW)		STAGES					
						SA	OA						EAT	LAT	OAT										
EXIST. RTU-3	CARRIER	50HC-D08A2AS	74x47x36	700	7.5	2030	320	0.50	2.4	--	89.0	72.0	78	67	56	55	105	12.2	40.0	12.0	1.0	208/3	51.0	60	1-14
EXIST. RTU-4	CARRIER	50HC-A06A2AS	74x47x36	650	5.0	1750	230	0.50	2.4	--	57.0	47.0	78	67	57	56	105	15.2	28.0	7.9	1.0	208/3	36.0	40	1-14

NOTES:

A. EQUIPMENT TO BE CLEARLY LABELED.

B. ACCEPTABLE MANUFACTURERS: YORK/ACL, AMON, CARRIER, LENNOX, TRANE.

C. COORDINATE EXACT LOCATION WITH LANDLORD AND STRUCTURAL ENGINEER.

D. INSTALL UNITS LEVEL FOR PROPER CONDENSATE DRAINAGE, SHIM CURBS AS REQUIRED.

E. LEAVING AIR TEMP. DOWNSTREAM OF FAN SHALL BE 55F (ADJ).

REMARKS:

1. FACTORY MOUNTED, NON-FUSED DISCONNECT SWITCH AND SINGLE POINT POWER CONNECTION

2. 14" HIGH, INSULATED FACTORY ROOF CURB

3. THRU BASE ELECTRICAL CONNECTIONS

4. 7 DAY PROGRAMMABLE THERMOSTAT

5. SLOPED CONDENSATE DRAIN PAN WITH THRU BASE CONDENSATE DRAIN

6. SINGLE ENTHALPY DRY BULB ECONOMIZER WITH BAROMETRIC RELIEF DAMPERS AND HOODS

7. HAIL GUARDS ON CONDENSER COILS

8. HINGED ACCESS DOORS

9. NON-POWERED CONDENSATE OUTLET

10. MOTORIZED OUTSIDE AIR DAMPER AND BAROMETRIC RELIEF

11. VFD WITH INTEGRAL DISCONNECT

12. FACTORY MOUNTED RETURN AIR SMOKE DETECTOR (VERIFY LOCATION)

13. ADD 250 LBS FOR NEW ROOF CURB PLUS ACCESSORIES TO WEIGHT LISTED IN TABLE

14. ALL ROOF TOP UNITS OVER 2,000 CFM TO CONTAIN A DEDICATED SMOKE DETECTOR IN THE RETURN AIR PATH OF THAT SPECIFIC UNIT. COORDINATE FINAL LOCATION WITH AIA.

EXHAUST FAN SCHEDULE

GENERAL					FAN				MOTOR			REMARKS	
DESIG.	LOCATION	SERVES	MFR.	MODEL #	TYPE	WEIGHT (LBS)	CFM	ESP (IN W.G.)	RPM	DRIVE	VOLTS/PH		HP
EF-1	CEILING	121	GREENHECK	SP-890	CEILING	10	75	0.25	700	DIRECT	115/1	21W	1-4
EF-2	CEILING	103	GREENHECK	SP-890	CEILING	10	75	0.25	700	DIRECT	115/1	21W	1-4
EF-3	CEILING	107	GREENHECK	SP-890	CEILING	10	75	0.25	700	DIRECT	115/1	21W	1-4
EF-4	CEILING	113	GREENHECK	SP-890	CEILING	10	75	0.25	700	DIRECT	115/1	21W	1-4
EF-5	CEILING	105	GREENHECK	SP-8200	CEILING	12	150	0.25	1050	DIRECT	115/1	128W	1, 2, 3, 5

NOTES:

A. EQUIPMENT TO BE CLEARLY LABELED.

B. ACCEPTABLE MANUFACTURERS ARE: ACME, TWIN CITY FANS, COOK, GREENHECK

C. COORDINATE EXACT LOCATION WITH LANDLORD AND STRUCTURAL ENGINEER.

D. IF LOCATION IS WITHIN 50 MILES OF SALT WATER COASTAL ENVIRONMENTS, ALL EQUIPMENT THAT COME IN CONTACT WITH OUTSIDE AIR SHALL BE COATED FOR SALTWATER CORROSION RESISTANCE.

REMARKS:

1. PRE-WIRED DISCONNECT SWITCH

2. PRE-WIRED SPEED CONTROLLER

3. SPRING ISOLATION HANGERS

4. CONTROL WITH LIGHTSWITCH.

5. CONTROL WITH THERMOSTAT AT A SETPOINT OF 75 DEGREES.

AIR DEVICE SCHEDULE

DESIG.	MFR.	MODEL #	TYPE	FACE TYPE/SIZE (IN.)	MATERIAL	FINISH	REMARKS
S1	PRICE	SPD	CEILING	24"x24"	STEEL	PER ARCHITECT	--
S2	PRICE	SPD	CEILING	12"x12"	STEEL	PER ARCHITECT	--
R1	PRICE	80	CEILING	24"x12"	STEEL	PER ARCHITECT	--
R2	PRICE	80	CEILING	24"x24"	STEEL	PER ARCHITECT	--

NOTES:

A. MAX NC LEVEL OF DIFFUSERS TO BE 30.

B. ACCEPTABLE MANUFACTURERS ARE: PRICE, TITUS, NAILOR, METALABRE

C. FRAME AND BORDER TYPES TO MATCH CEILING AND/OR WALL.

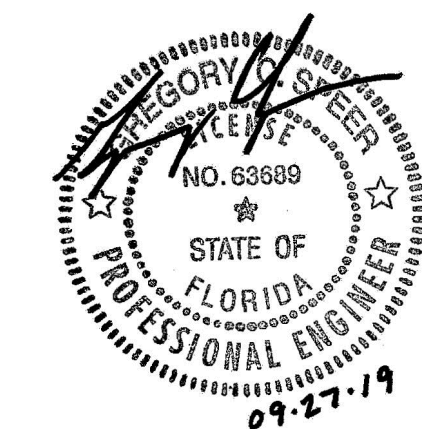
D. REFERENCE ARCHITECTURAL REFLECTIVE CEILING PLAN.

OUTSIDE AIR REQUIREMENTS (PER IMC TABLE 403.3)

ROOM	QUANTITY OF PEOPLE (P2)	CFM/PERSON (RP)	AREA (SF) (A2)	CFM/SF (RA)	MINIMUM OA (CFM)	AIR DISTRIBUTION EFFECTIVENESS (EZ)	CORRECTED MINIMUM OA (CFM)	SERVED BY
101-102	15	5	626	0.06	113	0.8	141	EXIST. RTU-3
103	0	0	65	0.06	4	0.8	5	EXIST. RTU-3
121	0	0	50	0.06	3	0.8	4	EXIST. RTU-3
107	0	0	60	0.06	4	0.8	5	EXIST. RTU-3
104	2	5	63	0.06	14	0.8	17	EXIST. RTU-3
108	0	0	100	0.12	12	0.8	15	EXIST. RTU-4
105	0	0	100	0.06	6	0.8	8	EXIST. RTU-4
113	0	0	60	0.06	4	0.8	5	EXIST. RTU-4
115	2	10	152	0.12	38	0.8	48	EXIST. RTU-4
116	5	5	150	0.06	34	0.8	43	EXIST. RTU-4
112	2	5	100	0.06	16	0.8	20	EXIST. RTU-4
117	2	5	90	0.06	15	0.8	19	EXIST. RTU-4
118	2	5	90	0.06	15	0.8	19	EXIST. RTU-4
119	2	5	90	0.06	15	0.8	19	EXIST. RTU-4
120	2	8	160	0.12	34	0.8	43	EXIST. RTU-3
109	2	5	95	0.06	16	0.8	20	EXIST. RTU-4
106, 114	2	5	595	0.06	46	0.8	57	EXIST. RTU-4
110-111	2	5	209	0.06	23	0.8	28	EXIST. RTU-4
TOTAL OUTSIDE AIR REQUIRED							515	
TOTAL OUTSIDE AIR PROVIDED							550	

BUILDING AIR BALANCE SCHEDULE

AREA DESIGNATION	SUPPLY CFM	MIN O.A. CFM	MAX O.A. CFM	EXHAUST CFM	RELIEF CFM
RTU-3	3,000		320	--	
RTU-4	2,000		230	--	
EF-1	--	--	--	75	
EF-2	--	--	--	75	
EF-3	--	--	--	75	
EF-4	--	--	--	75	
EF-5	--	--	--	150	
TOTAL	5,000	0	550	450	0
100 POSITIVE					



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214-799-5031
ernie@glotta.design
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CareSpot Urgent Care
Clermont Retail Building
1615 East State Hwy 50, Suite 200
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CONSTRUCTION DOCUMENTS

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REVISIONS

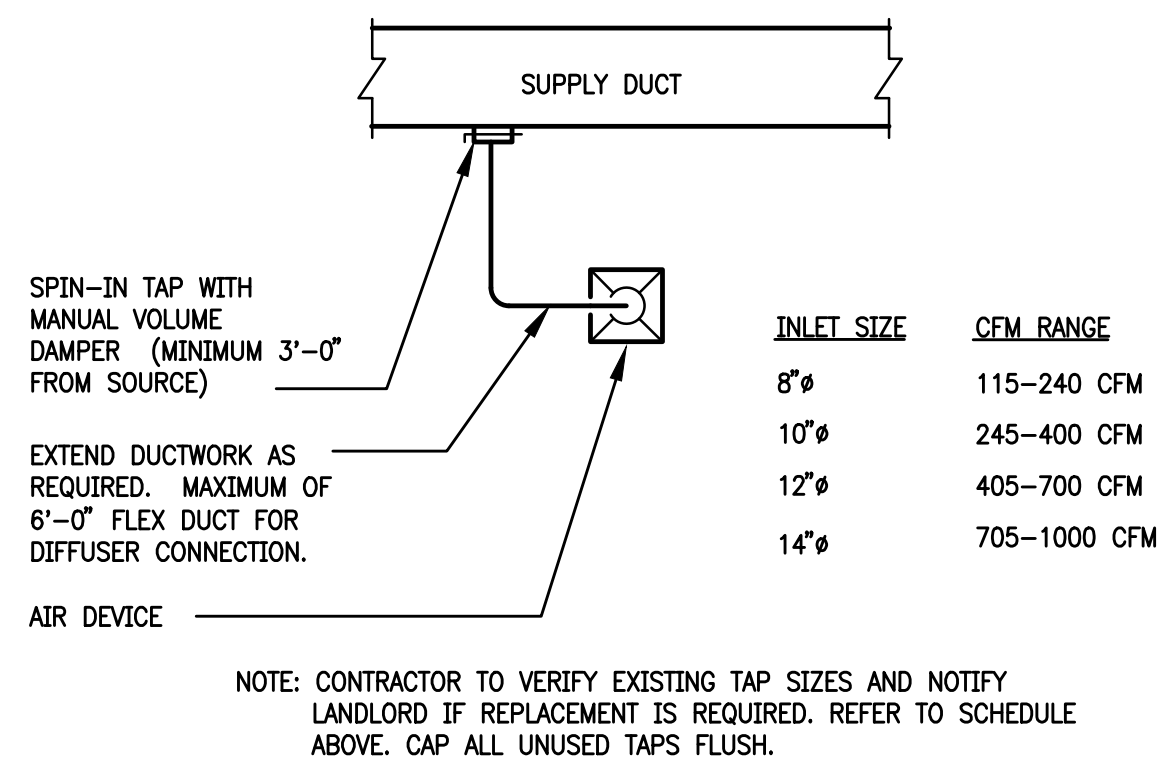
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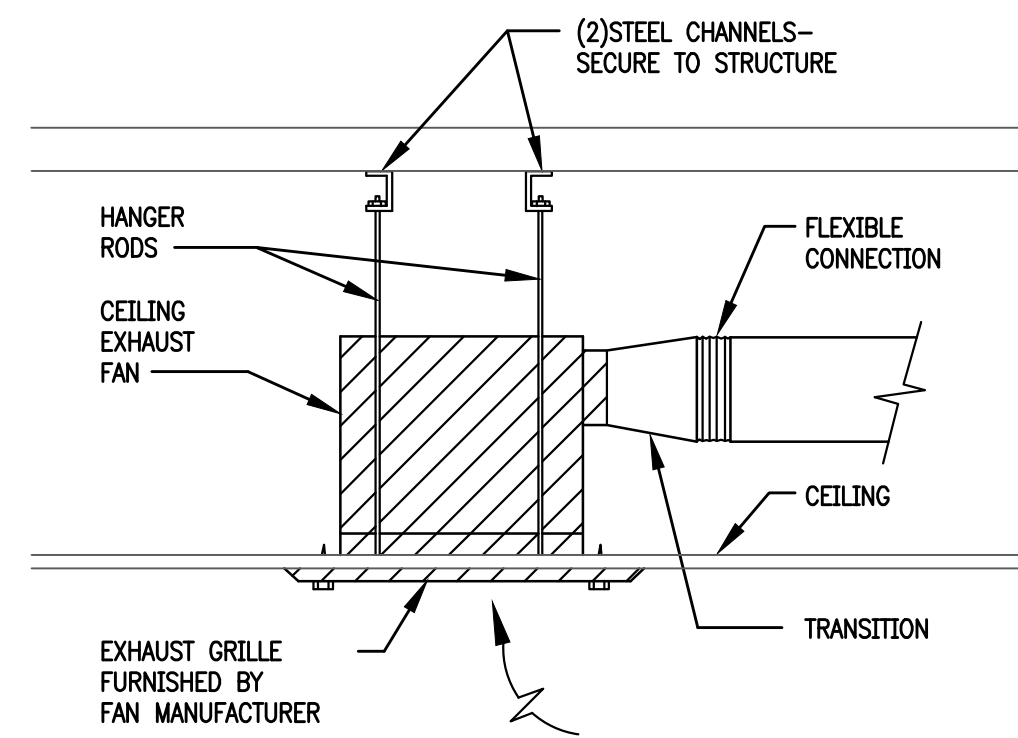
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MECHANICAL SCHEDULES

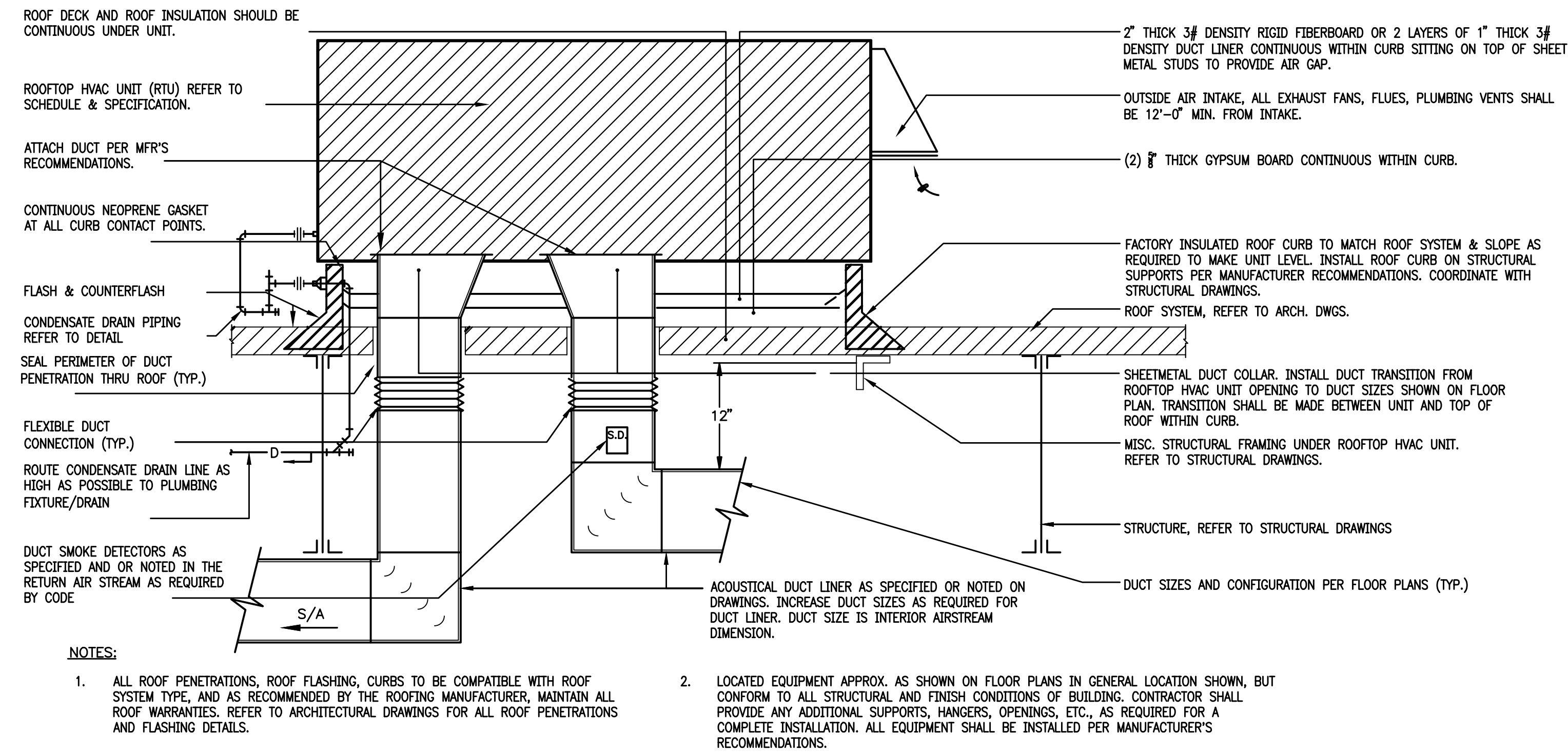
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Last Revision	M-2



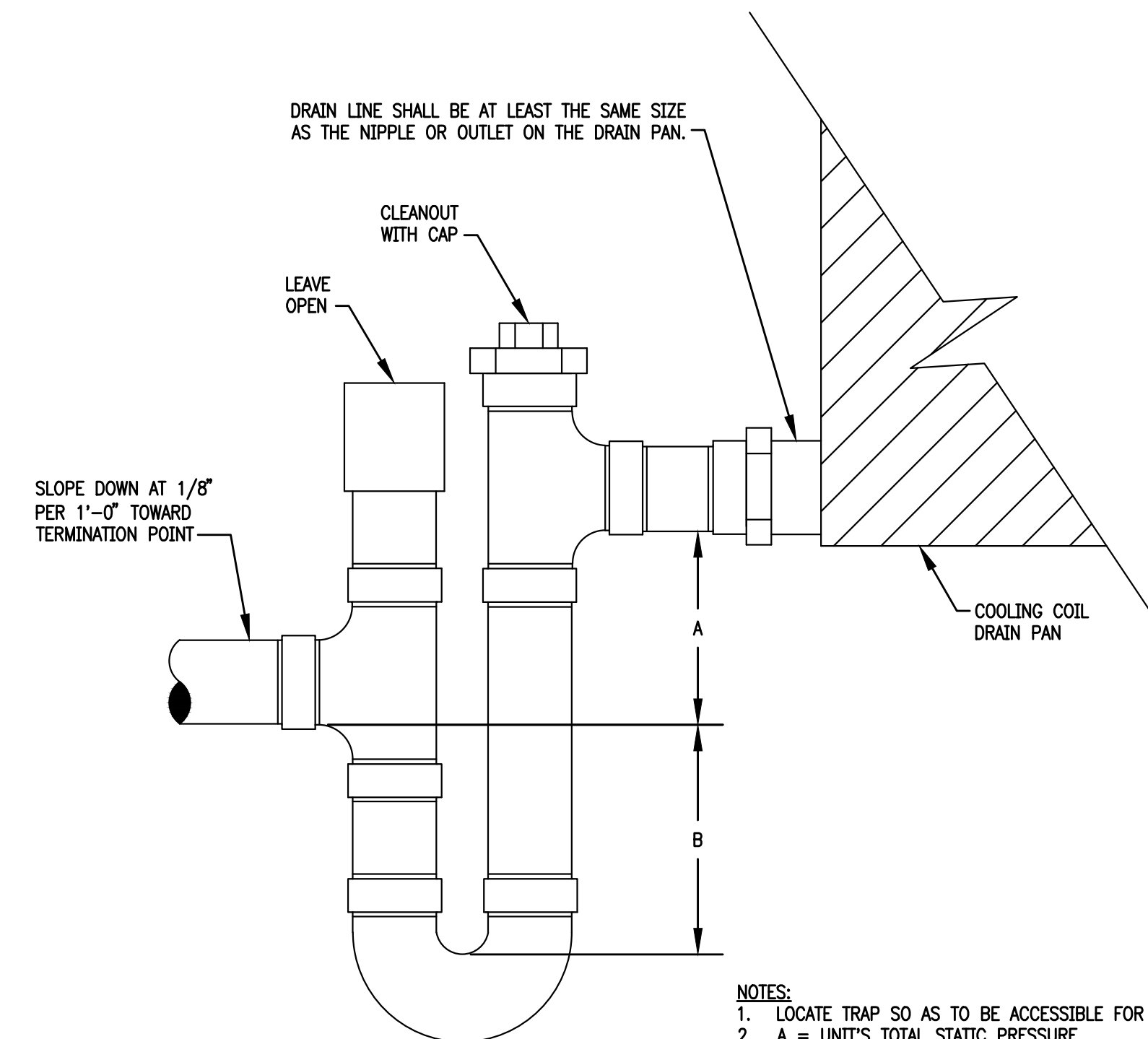
1 DIFFUSER CONNECTION
SCALE: NONE



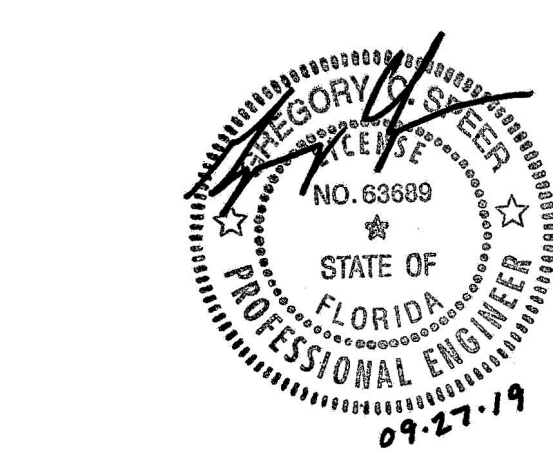
2 CABINET EXHAUST FAN DETAIL
SCALE: NOT TO SCALE



3 ROOFTOP HVAC UNIT DETAIL
SCALE: NOT TO SCALE



4 CONDENSATE P-TRAP DETAIL
SCALE: NOT TO SCALE



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MECHANICAL DETAILS

Project No.	1923
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