



WATER HEATER DETAIL

HVAC NOTES:

- 1. ALL FLEXIBLE DUCT SHALL BE FULLY EXTENDED, FREE OF KINKS AND SAME SIZE AS DIFFUSER NECK. BRANCH DUCT SIZE SHALL BE EQUAL TO DIFFUSER NECK SIZE, UNLESS NOTED OTHERWISE.
- 2. ALL DUCTWORK SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS.
- 3. REFRIGERANT PIPE SHALL BE SIZED AS RECOMMENDED BY EQUIPMENT MANUFACTURER. PRECHARGED LINE SETS ARE NOT ACCEPTABLE.
- 4. PROVIDE FLEXIBLE DUCT CONNECTIONS AT ALL AHUs AND EFs.
- 5. INSTALL COLLAR CONNECTION ON ALL ROUND DUCT TAKEOFF'S WITH VOLUME DAMPER.

NOTES

- 1. CONTRACTOR TO FOLLOW ALL LOCAL AND NATIONAL CODES.
- 2. MECHANICAL, PLUMBING & ELECTRICAL DRAWINGS ARE DIAGRAMATIC ONLY AND SHOULD BE DESIGNED BY A QULIFIED/ LICENCED CONTRACTOR.
- 3. CONTRACTOR TO COORDINATE WITH OWNER ON LIGHTING FIXTURES & PLUMBING FIXTURES.

NOTE: ROOF VENTS & PENETRATIONS SHALL BE LOCATED TO REAR ROOF SLOPE

Panel A - 600 Amp					
42 Spaces V 120/240 1Ø					
Ckt. No.	Amps	Load Served	Load Served	Amps	Ckt. No.
1	1-20	LIGHTS	RECEPT.	1-20	2
3	1-20	LIGHTS	RECEPT.	1-20	4
5	1-20	LIGHTS	RECEPT.	1-20	6
7	1-20	LIGHTS	RECEPT.	1-20	8
9	1-20	LIGHTS	RECEPT.	1-20	10
11	1-20	LIGHTS	RECEPT.	1-20	12
13	1-20	RECEPT.	RECEPT.	1-20	14
15	1-20	RECEPT.	WATER HEATER	1-20	16
17					18
19	60	4 TON A/C UNIT	20 KW HEATING UNIT	60	20
21	60			60	22
23	60	4 TON A/C UNIT	20 KW HEATING UNIT	60	24
25	60			60	26
27	60	1.5 TON A/C UNIT	5 KW HEATING UNIT	60	28
29	60			60	30
31					32
33					34
35					36
37					38
39					40
41					42

FAN SCHEDULE										
DESIG.	SERVES MOUNT	CFM	EXT. S.P.	RPM	H.P./(W)	VOLTS PHASE	MFG./PART NO.	SONES	DRIVE	REMARKS
EF-1, EF-2	TLT/SHWR CLG	75	0.375"	767	(80)	115/1	GREENHECK SP-B110	1.5	DIRECT	DISCONNECT, SPEED CONTROL, HANGING VIBRATION ISOLATORS, WHITE CLG GRILLE, BACKDRAFT DAMPER

HVAC SPLIT SYSTEM:

- 1. 2 -5 TON 60,000 BTU, 14 SEER A/C WITH 20 KW AUX. HEAT
- 2. 1 -1.5 TON 18,000 BTU, 14 SEER A/C WITH 5 KW AUX. HEAT

Kenneth C. Bergeron

DATE: 1/30/26

REVISED:

JOB NO.

DRAWN BY: K.C.B.

CHECKED BY: K.C.B.

REVIEWED FOR STATE FIRE MARSHAL AS PER REVIEW LETTER BY: JEFF GONSOLIN

AF-26-001927
REVIEWED 02-09-2026

NEW TRAINING CENTER FOR:
Bordelonville Fire Department
BORDELONVILLE, LA.

SHEET NUMBER
A9
9 of 9

318-765-2747

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