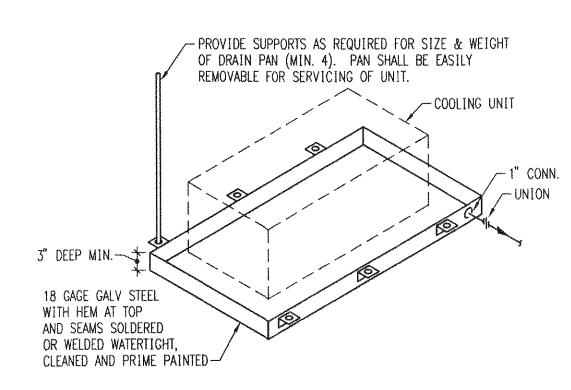
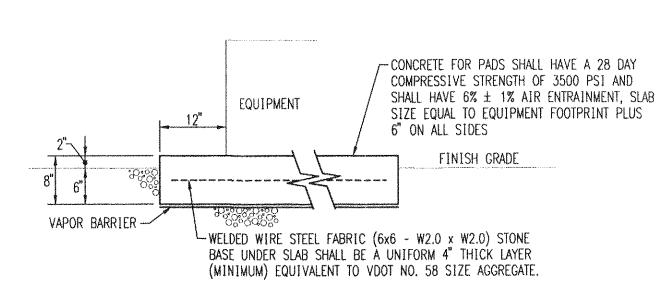


BRANCH CONNECTIONS DETAIL FOR SUPPLY DUCT (TYP)

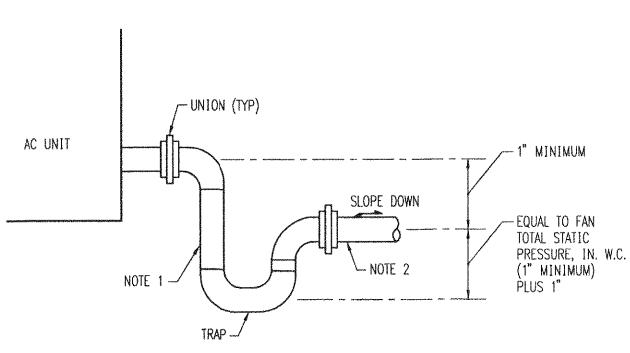


1. DRAIN PAN SHALL BE REINFORCED WITH GALVANIZED STEEL ANGLES TO PREVENT SAGGING OR FLEXING WHEN FULL OF WATER. 2. PAN SHALL EXTEND A MINIMUM 3" BEYOND SIDES OF COOLING UNIT.

AUXILIARY DRAIN PAN

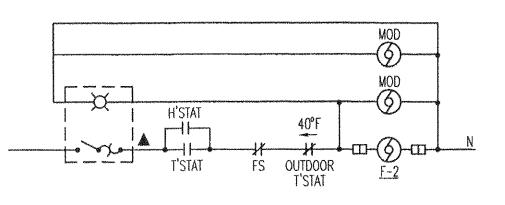


TYPICAL OUTDOOR EQUIPMENT PAD

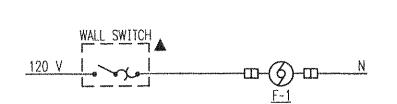


NOTES:
1. DRAIN LINE SHALL BE FULL SIZE OF AC UNIT CONNECTION.
2. EXTEND TO NEAREST FLOOR DRAIN UNLESS NOTED OTHERWISE.

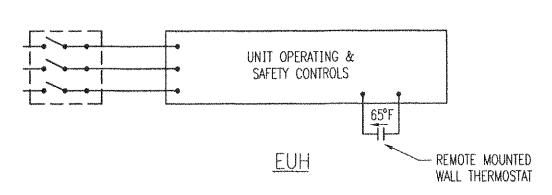
COOLING COIL CONDENSATE DRAIN



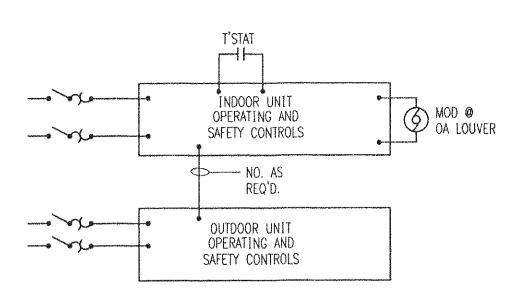
EXHAUST FAN



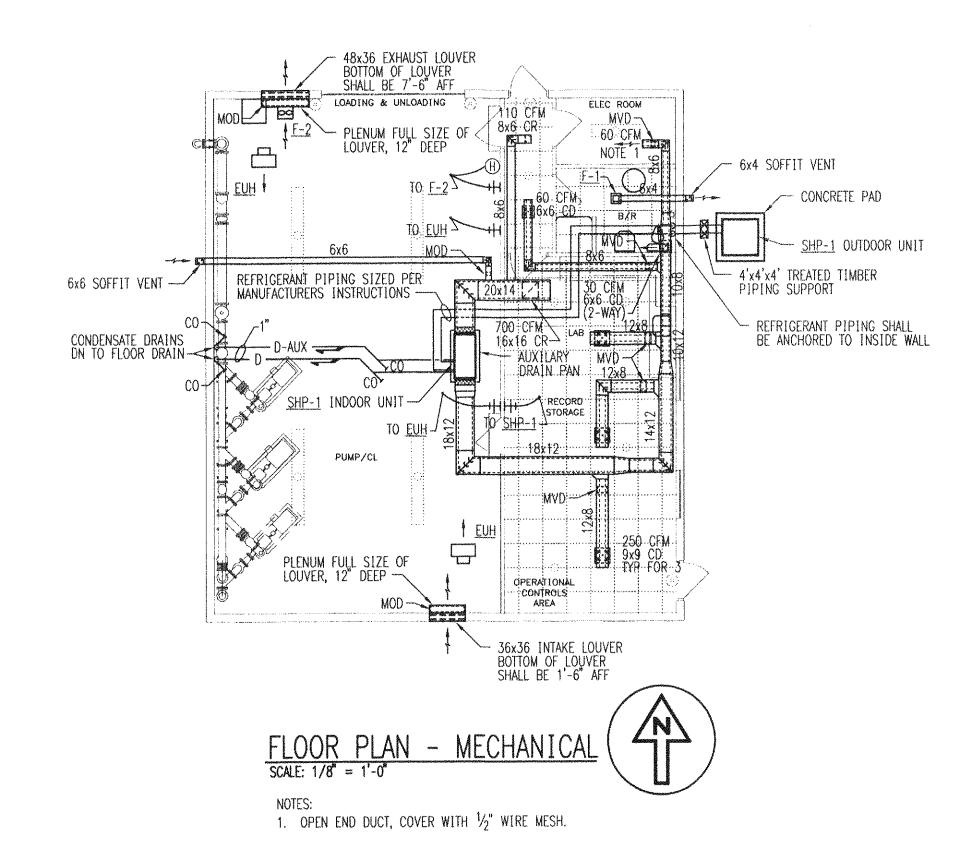
CEILING EXHAUST FAN



ELECTRIC UNIT HEATERS



SPLIT SYSTEM HEAT PUMP



CONTINUE LEGEND	<u>C</u> (NC	TR	0			E				D	
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HOLDING COILS — COMBINATION FUSIBLE MOTOR STARTER RELAY	<u> </u>				
MOTOR					
MOTOR PROTECTIVE SWITCH					
DISCONNECT SWITCH (FUSED)					
DISCONNECT					
PILOT LIGHT					
T'STAT OR RELAY	and the state of t				
SET POINT-CLOSE BELOW 65°F	65°F				
SET POINT-CLOSE ABOVE 65°F					
ELECTRICAL WIRING, ABOVE 100 VOLT	PW				

TWIST SHIELDED PAIR, 24 VOLT

CURRENT RELAY CTR FIRESTAT FS S/S START-STOP

ALL ITEMS SHOWN ON CONTROL DIAGRAMS AND WIRING 100 VOLTS OR LESS SHALL BE INCLUDED AS A PART OF SECTION 15900 EXCEPT POWER WIRING OVER 100 VOLTS, ITEMS MARKED A OR ITEMS SPECIFIED TO BE FURNISHED WITH EQUIPMENT. WIRING OVER 100 VOLTS AND ITEMS MARKED A SHALL BE FURNISHED AS A PART OF DIVISION 16. ALL OVERLOADS, HOA SWITCHES, AUXILIARY CONTACTS AND PILOT LIGHTS SHALL BE INTEGRAL WITH THE MOTOR STARTERS UNLESS SHOWN OTHERWISE.

ALL WIRING SHOWN ON ELECTRIC SEQUENCE CONTROLS SHALL BE OVER 100 VOLTS UNLESS NOTED OTHERWISE. RELAYS FROM THE CONTROL SYSTEM SHALL BE LOCATED ADJACENT TO THE CONTROLLED DEVICE (MOTOR OR MOTOR STARTER), AND MAY BE LOCATED WITHIN STARTER HOUSINGS WHERE SPACE IS AVAILABLE AND WHERE APPROVED BY NEC.

CONTROL ITEMS MARKED THUS "VENTILATION-ON-OFF" SHALL HAVE PLATE ENGRAVED WITH THE WORDING CONTAINED WITHIN THE QUOTE "..." MARKS PLUS EQUIPMENT IDENTIFICATION.

LE	G	Boson-	N	D
ELECTRIC THERMOSTAT	, 	erikin serini se eza	махония тородууу хасо	
HUMIDISTAT				\oplus
DIRECTION OF SLOPE DOWN				necessary or property of the second of the s
ANCHOR				***************************************
ACOUSTIC LINED DUCT				
DUCT TRANSITION				
FLEXIBLE DUCT CONNECTION				
NEW WORK				
STANDARD	Α	BE	3RE	VIATIONS
an-m-d-t-translation to a section of the construction of the section of the secti	nik (Children and Ch	CONTRACTOR DE CONTRACTOR D	-	CANDANA CONTRACTOR CON

CD

CR OUTSIDE AIR

ABOVE FINISHED FLOOR AFF

CEILING DIFFUSER

CEILING REGISTER

CLEANOUT

·

ELECTR	IC UNIT H	IEATER : MARH	ER: MARKEL							
		HEATING C	APACITY	MOTOR						
MARK	CFM	KW	MBH] KP	MODEL NO.					
EUH	400	5.0	17.1	1/125	5105					

SPLIT SYSTEM HEAT PUMP SYSTEMS: TRANE

INDOOR UNIT

MODEL NO.

SHP-1

TWE 036

1 @ 1/6

95

MANUAL VOLUME DAMPER MVD

MOTOR OPERATED DAMPER MOD

900
80
0.7
1/2
24.6
76.8
64.0
58.3
60.0
23.0
63.8
2.12
THROWAWAY
30%
TWN 024

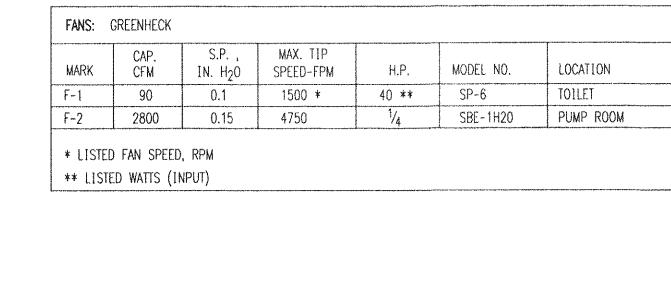
COND. FANS, NO. - HP

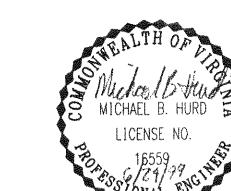
MAX SUCTION TEMP @ COMP, °F

*INCLUDES .25" H20 S.P. LOSS THRU FILTERS.

COMP. MOTOR, KW

OAT, °F DB





WHITESCARVER, HURD & OBENCHAIN, INC.

4932 FRONTAGE ROAD NW ROANOKE, VIRGINIA 24019

CONSULTING ENGINEERS

540/265-4444

TONAL			DES: EEC	DRF: SDR	CHK:	BGH	СОМ	M:	99110
rown	SDR		GREEN	FIELD			SI	E PL	AN
esigned	EEC	CH	HLORINATIO	JUNE 1999					
hecked	CCV	VICALIANIA						Τ:	97075
TO CONTRACT MENTINGEN AND PROPERTY OF THE PROP	3GH		MECHA	NICAL			4		
pproved	JBO						18	of	19

