NEW CEILING DIFFUSER

RETURN AIR/EXHAUST GRILLE

MOTORIZED DAMPER

VOLUME DAMPER

THERMOSTAT HUMIDISTAT

HVAC KEYED NOTES:

SIDEWALL SUPPLY GRILLE EQUAL TO TITUS 271RL WITH OBD. 45 DEGREE HORZ. DEFLECTION. SIZE AND CFM AS INDICATED. DIRECT AIRFLOW 30 DEGREES DOWN FROM HORIZONTAL.

2 CEILING MOUNTED SUPPLY DIFFUSER EQUAL TO TITUS TMS-12×12. CFM AND NECK SIZE AS INDICATED

3 CEILING MOUNTED SUPPLY DIFFUSER EQUAL TO TITUS TMS-24×24. CFM AND NECK SIZE AS INDICATED

FURNISH AND INSTALL EXHAUST FAN EQUAL
TO BROAN 696 WITH LIGHT - 100 CFM. 15A.
120V. EXTEND 4" RD DUCT THROUGH ROOF
AND PROVIDE RAIN CAP.

S FURNISH AND INSTALL AIR HANDLER UNIT IN
MEZZANINE EQUAL TO TRANE (ACCEPTACLE
MANUFACTURERS ARE LENNOX, TRANE, CARRIER.

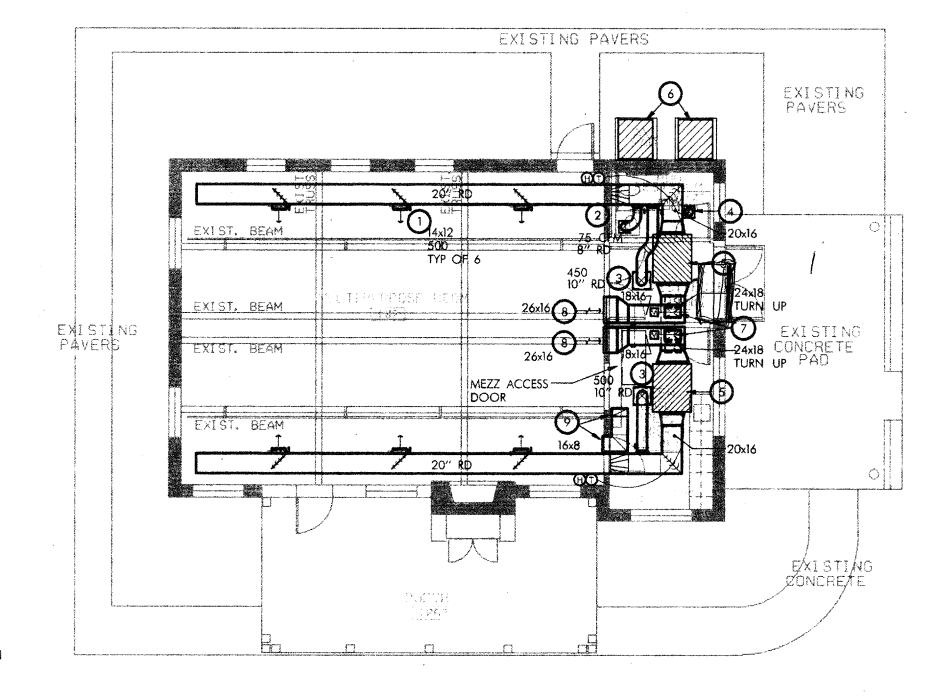
AND YORK) TWEOGOA1 WITH SUPPLEMENTARY
HEATER BAYHTRL123A (23.04 KW). .75 HP INDOOR FAN
ELEC.: 240V 1PH, 128 MCA.

6 FURNISH AND INSTALL HEAT PUMP EQUAL TO
TRANE (ACCEPTACLE MANUFACTURERS ARE
LENNOX, TRANE, CARRIER, AND YORK) TWROGOC
WITH EVAP. DEFROST CONTROL KIT. ELEC.: 240V 1PH
PROVIDE 4"THICK 3-1/2' x 3-1/2' CONCRETE HOUSE-

EXTEND 16×10 0.A. (560 CFM) INTAKE DUCT FROM RETURN DUCT TO ROOF AND TERMINATE WITH GOOSNECK AND BIRD SCREEN ON ROOF. PROVIDE MOTORIZED DAMPER AS SHOWN IN BETWEEN ROOF PENETRATION AND RETURN DUCTWORK. MAINTAIN A 10 FT HORIZONTAL CLEAR FROM EXHAUST.

8 SIDEWALL RETURN GRILLE EQUAL TO TITUS 350RL. SIZE AS INDICATED. LOCATE AS HIGH AS POSSIBLE SO THE RETURN DUCTWORK WILL PROVIDE A MIN. 6'-0" CLEARANCE ABOVE MEZZ. FLOOR..

PRETURN GRILLE EQUAL TO TITUS 350RL.
SIZE AS INDICATED. LOCATE ONE ABOVE
DOOR, ABOVE PREP AREA CEILING, WITH DUCT
DOWN TO OTHER GRILLE IN CEILING.



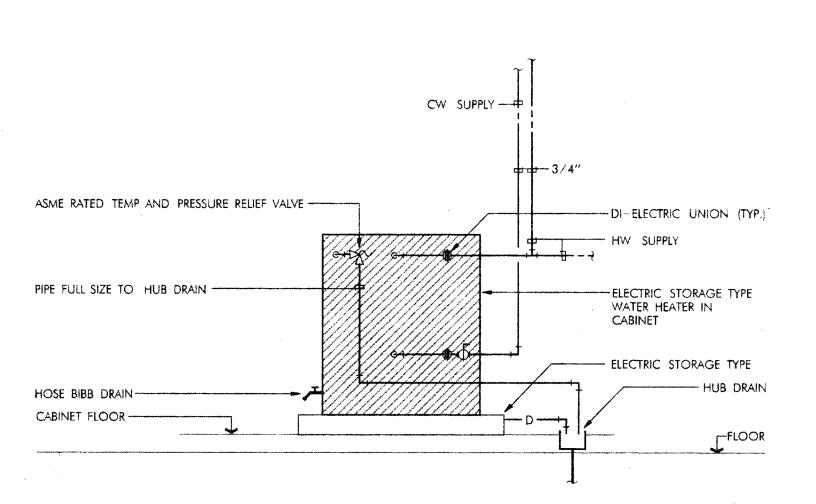


HVAC GENERAL NOTES:

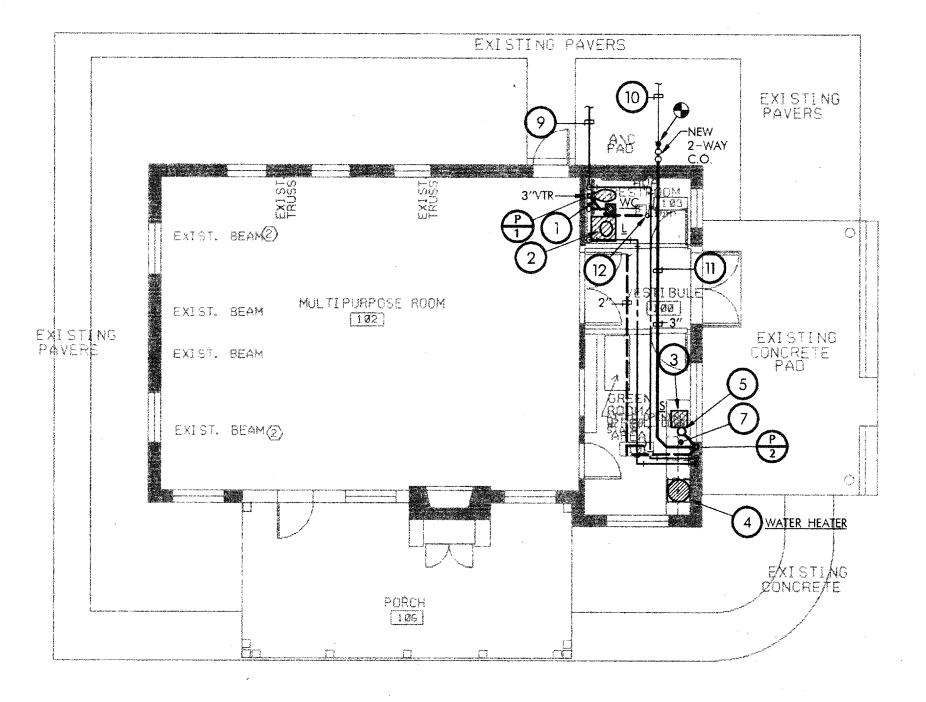
- A ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE AND LOCAL CODES, RULES, REGULATIONS AND REQUIREMENTS.
- CONTRACTOR SHALL FIELD VERIFY PROJECT PRIOR TO BIDDING.
- C CONTRACTOR SHALL ENGAGE THE INDEPENDENT AIR BALANCING COMPANY OF RECORD FOR THIS BUILDING TO OBTAIN AIR QUANTITIES SHOWN ON DRAWING.
- D OFFSET DUCTS INTO JOIST SPACE FOR CLEARANCE WHERE SPACE ABOVE CEILING IS NOT SUFFICIENT FOR DUCTS TO CROSS OTHER DUCTS OR WORK OF OTHER TRADES.
- E PIPES AND DUCTS TO BE COORDINATED ON JOB WITH BUILDING STRUCTURE AND WORK OF OTHER CONTRACTORS.
- F COORDINATE CEILING DIFFUSERS AND GRILLES WITH LIGHTING FIXTURES. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN.
- G CONTRACTOR SHALL COORDINATE LOCATION OF THERMOSTATS WITH ARCHITECT IN
- H ALL DUCTWORK SHALL BE GALVANIZED SHEET METAL CONFORMING TO SMACNA STANDARDS.
 RECTANGULAR SUPPLY AND RETURN SHALL BE LINED WITH 1" LINER AND OUTSIDE AIR SHALL
 BE EXTERNALLY INSULATED WITH 1-1/2" FIBERGLASS WITH VAPOR BARRIER
- FURNISH AND INSTALL PROPER SUPPORT FOR THE AHU PER THE MANUFACTURER'S DIRECTIONS INCLUDING SPRING VIBRATION ISOLATORS.
- J EXTEND $^{3}4^{\prime\prime}$ insulated condensate drain line from ahu's to hub drain below sink located in green room/prep area.
- PROVIDE A HUMIDISTAT FOR EACH CONDENSER. HUMIDISTAT SET POINT SHALL BE ADJUSTABLE. DURING ELEVATED HUMIDITY CONDITONS IN THE SPACE, THE HUMIDISTAT SHALL TAKE CONTROL OF THE CONDENSER TO MAINTAIN HUMIDITY SET POINT AND SPACE THERMOSTAT SHALL STAGE ELECTRIC HEATING TO MAINTAIN SPACE TEMPERATURE.

SPRINKLER GENERAL NOTES:

A CONTRACTOR SHALL PROVIDE NEW FULL SPRINKLER SYSTEM. COORDINATE REQUIREMENTS WITH ARCHITECT.



4 ELECTRIC WATER HEATER PIPING DIAGRAM
FOR MOUNTING IN CABINET
NO SCALE



PLUMBING PLAN

SCALE: 18"=1"-0"



PMIJQB NO. 97063-00

PURDY - McGUIRE, INC.
THIS DRAWING SHALL NOT BE REPRODUCED FOR
ANY PROJECT OTHER THAN THE PROJECT NOTED
BY THE TITLE BLOCK, WITHOUT THE WRITTEN
CONSENT OF PURDY - McGUIRE, INC. DALLAS, TEXAS.

PLUMBING KEYED NOTES:

PROVIDE AND INSTALL A HANDICAP FLOOR MOUNTED WATER CLOSET EQUAL TO AMERICAN STANDARD CADET 2168.162, ELONGATED TOILET, 1.6GPF. SIPHON JET FLUSH WITH TRIP LEVER ACTUATOR, CHURCH SEAT 9500C OPEN FRONT LESS COVER, SUPPLY AND STOP WITH ESCUTCHEON.

PROVIDE AND INSTALL A UNIVERSAL DESIGN SEMI-COUNTERTOP LAVATORY EQUAL TO AMERICAN STANDARD MEZZO 9964.00 VITREOUS CHINA. FAUCET 5402.142H HERITAGE LEVER HANDLES, WITH GRID DRAIN, P-TRAP, WASTE-TO-WALL STOPS AND SUPPLIES. PROVIDE TRUEBRO PIPE INSULATION

PROVIDE AND INSTALL SINGLE COMPARTMENT STAINLESS STEEL SINK EQUAL TO ELKAY #LRAD-1522, 18 GAUGE TYPE 302 SELF RIMMING, 3-HOLE CENTER WITH FAUCET LK-4102 WITH WING HANDLES. PROVIDE LK-35 STRAINER, CRUMB CUP, TAILPIECE, P-TRAP, WASTE TO WALL, STOPS AND SUPPLIES. PROVIDE TRUEBRO INSULATION ON WASTE AND SUPPLY LINES, ADA REQUIREMENT.

PROVIDE ELECTRIC WATER HEATER STORAGE TYPE STATE NO. PV-10-10MS-K, 10 GALLON, 1650 WATTS, 120V. 7GPH AT 100 DEGREE RISE. MOUNTED IN CABINET WITH DRAIN PAN BELOW WATER HEATER. PROVIDE GALVANIZED DRAIN PAN BELOW HEATER.

2" HUB DRAIN LOCATED UNDER COUNTER FOR DRAIN LINES FROM WATER HEATER DRAIN PAN, T&P RELIEF VALVE AND ICE MACHINE.

NOT USED.

PROVIDE 1/2" COLD WATER WITH VALVE OR ICE/MAKER, EXTEND FROM VALVE A1/4" COPPER TUBING

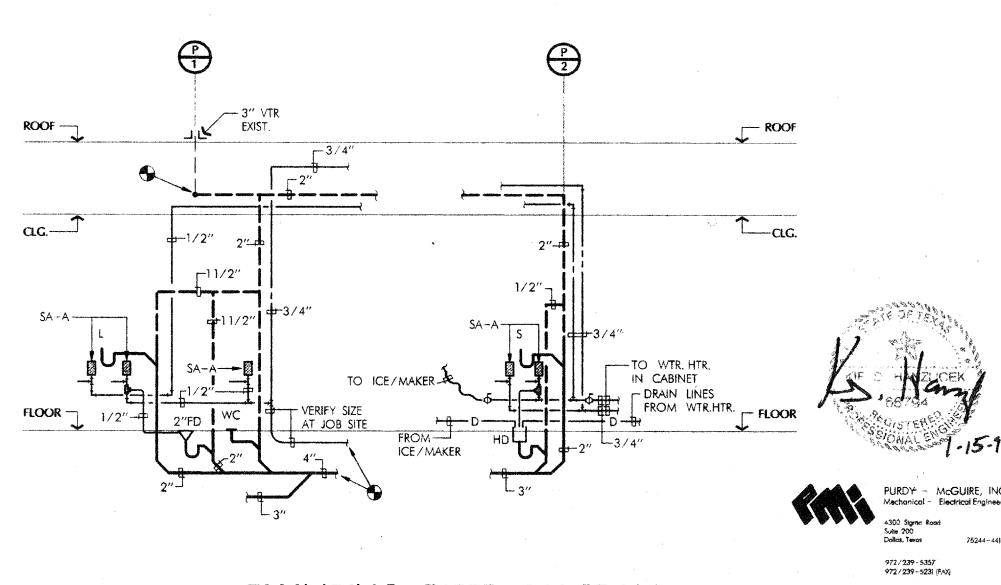
NEW 2-WAY CLEANOUT AT CONNECTION OF NEW AND EXISTING WASTE, LINE.

EXISTING DOMESTIC COLD WATER SERVICE. CONNECT NEW 1" COLD WATER TO EXISTING ABOVE

EXISTING SANITARY SEWER. VERIFY EXACT SIZE AND LOCATION AT JOB SITE.

SAW CUT FLOOR FOR SANITARY SEWER.

CONNECT NEW VENT FROM FIXTURES TO EXISTING VENT THRU ROOF. VERIFY EXACT SIZE AND LOCATION AT JOB SITE.



3 PLUMBING RISER DIAGRAM
NO SCALE

STONE COTTAGE

> ADDISON TEXAS

DESIGNERS/ARCH LTECTS/PLANNER

526-862

27.4

O

ARRIS DESIGN ASSO

TOWN OF ADDISON

HVAC & PLUMBING PLAN

TITLE

SCALE: 1/8"=1' DRAWN BY CONSULTANTS

126.98

10TE TO CONTRACTOR

Contractor is to field verify all dimensions. Written dimensions are to have precedence over scaled dimensions, the contractor shall verify and be responsible for all dimensions and conditions on the job and HDA must be notified of any variations from the dimensions and the conditions shown on these drawings. Shop drawings must be submitted to HDA for approval before proceeding with fabrication. The contractor remains responsible for details and accuracy, for confirming and correlating all quanties and dimensions, for selecting fabrication processes, for techniques of assembly, for performing his work in a safe manner, and for adhering to all applicable codes.

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