

HVAC - KEYNOTES

- THERMOSTATS. (TYPICAL WIRING FOR EACH THERMOSTAT) SEE VS1 SHFFT
- 2) 12"x12" DUCT W/ ELBOW FROM "R2" TO JUST ABOVE THE CEILING PLATFORM.
- 3 WALL CAP 500 CFM EXHAUST. ARCHITECTURAL ELEVATIONS SHOW DIMENSIONED LOCATION.

HVAC ROOF BRACING CONFLICTS

CONTRACTOR TO FIELD VERIFY ROOF'S HORIZONTAL ROD BRACING LOCATIONS. IF NECESSARY, SHIFT RTU'S AND DUCTS AS REQUIRED TO AVOID CONFLICT WITH BRACING.

OUTSIDE AIR SETUP:

CONTRACTOR TO SET DAMPERS AS FOLLOW CONOMIZER MODE MAXIMUM CFM PER UNIT .5 TON RTU = 3.000 . TON RTU = 2.000

INIMUM OUTSIDE AIR CFM PER RTU (TYPICAL)
7.5 TON RTU = 600
5 TON RTU = 355
DURING OCCUPIED HOURS ONLY

HVAC GENERAL NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE AND FUNCTIONAL SYSTEM IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY DUCT DIMENSIONS ON PLANS ARE TO BE FINISHED INSIDE DIMENSIONS.

DUCT MATERIALS SHALL BE AS FOLLOWS:

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ROUND SUPPLY AIR DUCT (SPEC 23 30 00)

RECTANGULAR SUPPLY AIR DUCT WORK - (SPEC 23 30 00) DRAWING IS DIAGRAMMATIC AND IS NOT TO BE SCALED.
REFER TO ARCHITECTURAL PLANS OR FIELD
MEASUREMENTS FOR DIMENSIONS.
ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH
THE APPLICABLE CODE(S) NOTED ON THE CODE SUMMARY
SHEET.
HE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING

SHEET.
THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING
CONSTRUCTION PRIOR TO SUBMITTING HIS BID. NO
EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING
CONDITIONS.

- (SPEC 23 30 00) INSTALL TURNING VANES IN ALL ELBOWS. DO NOT SUBSTITUTE RADIUSED ELBOWS.
- EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS ON WALL PENETRATIONS REQUIRED SHALL BE ACCOMPANIED WITH THE GENERAL CONTRACTOR PROVIDE ALL SIEPEYS, FLASHING, CUIPBS, REINFORDING ANGES, SUPPORTING FRAMES, ETC., WHICH ARE REQUIRED UNLESS THEY ARE SPECIFICALLY CALLED OUT TO BE FURNISHED BY OTHERS.

 A SUBMITTAL OF ALL MATERIALS AND EQUIPMENT PROPOSED TO BE USED ON THE JOB SHALL BE FREPARED AS SOON AS POSSIBLE ATTER AWARD OF THE CONTRACT. THE SUBMITTAL WILL BE REVIEWD BY THE CONTRACT THE SUBMITTAL WILL BE REVIEWD TO THE INCLUDED IN THE SUBMITTAL OLVICES SHALL BE INCLUDED IN THE SUBMITTAL.

 THE PROPER PEPER PRANCE OF THE CONTROL SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR SHALL COOPERATE AND COORDINATE HIS WORK WITH THE WORK OF OTHER SUBCONTRACTORS OF ELDOWS. DO NOT SUBSTITUTE RADIOSCU ELBOWS.

 DIFFUSER INSTALLATION DETAIL.

 EXHAUST DILOT — (SPEC 23 30 00) (SEE

 DIFFUSER INSTALLATION DETAIL).

 EXHAUST DILOT — (SPEC 23 30 00)

 INSULATE HAAC CONDENSATE DRAIN PIPING WITH 1/2"

 ARMADERS — SHALL CONFORM TO SMACNA STANDARDS

 INSULATE HAAC CONDENSATE DRAIN PIPING WITH 1/2"

- 7. ALL CAULKING ON BUILDING PENETRATIONS SHALL BE A ONE-COMPONENT NON-SAG URETHANE ELASTOMERIC SEALANT. ANY CONTRACTOR WHO USED SILLIONE OR ANY OTHER CALLKING WILL BE REQUIRED TO REMOVE AND REPLACE WITH A SPECIFIED SEALANT (SPEC: 07 92
- 00).
 THE HVAC SYSTEM SHALL BE CONSTRUCTED IN ACCORDANCE WITH NFPA 101:7-2 and NFPA 90A "STANDARD FOR THE INSTALLATION OF AIR CONDIT AND VENTILATION SYSTEMS".
 ALL HVAC SYSTEM FLUES & VENTS SHALL BE

ILEMOSLIADS

I. INSULATE HACE CONDENSATE DRAIN PIPING WITH 1/4
ARMAFLEN.

ALL WORTH IS TO BE GUARANTEED FOR ONE YEAR UPON

ALL WORTH IS TO BE GUARANTEED FOR ONE YEAR UPON

TO EQUIPMENT OR FIXTURE SUBSTITUTIONS (THAT ARE
NOT CURRENTY LISTED) WITHOUT PRIOR WRITTEN
APPROVAL OF THE OWNER.

I. UPON COMPLETION BALANCING SYSTEMS TO AIR FLOWS
SHOWN. REPORT THE BALANCING MEASUREMENTS ON
THE "AS BUILT" DRAWINGE SYSTEMS TO AIR FLOWS
SHOWN. ORDERSTEE AND REFRIGERANT LINES AS HIGH
AS POSSIBLE.

TO CONNECTIONS BY HVAC CONTRACTOR. THE PROJECT.COORDINATION DOES NOT MEAN "I WAS HERE FIRST". AC STEMS TESTING & BALANCING SYSTEM SHALL BE TESTED AND BALANCED (T&B) BY TH R PER SPEC SECTION: 23_05_93 AND IN ACCORDANCE ROCEDURES OF ABC OR NEBB. CONTRACTOR SHALL REN T&B REPORTS TO THE OWNER. (3 R.R. (104) ↑ (G) **10** 0 7 OFFICE 102 (c ' SEE VENSTAR S.O.W. FOR SENSOR LOCATION, TYP. METAL WALL STUDS
AT 24" O.C. HVAC
CONTRACTOR SHALL
ROUTE NEW DUCTS
BETWEEN METAL
WALL STUDS ONLY. (a) PARTS AREA

HVAC PLAN

NOTE: BOTTOM OF ALL HVAC EQUIPMENT & DUCTS SHALL BE @ A MINIMUM OF 12'~3" A.F.F. EXCEPT WHERE OTHERWISE NOTED.



PARTS

AUTO

©'Reilly

STORE

AUTO PARTS S' RIVE , MISSISSIPPI

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PROJECT:
NEW O'REILLY AL
915 AZALEA DRIN
WAYNESBORO, I

Col

MVS JEE

01/12/18 REVISION

PROJECT NUMBER:

m 2018 - E53

ALL TRANSVERSE DUCT JOINTS SHAL BE SEALED WITH DUCT SEALANT DUCT SEALANT SHALL BE OF THE SYNTHETIC ELASTOMERIC TYPE EQUA TO "UNITED" "UNI-SEAU". DUCT TAPE SHALL NOT BE USED AS THE PRIMARY SEALANT (SPEC 23 30 00) ROUND DUCT INSULATION HANGER SHIELD DUCTS MUST BE MECHANICAL FASTENERS WHERE REQUIRED, RE: SPECS. JOINTS TIGHTLY BUTTED TOGETHER W/100% COVERAGE OF ADHESIVE UNLESS NOTED OTHERWISE, DUCT LINING \(\times 2''\) THICK, \(1-1/2\) LB. DENSITY RE: SPEC. 23 30 00, 2.09, 3.09 "ACOUSTICAL DUCT JOINTS MUST BE AT ACOUSTICALLY LINE ALL SHEET METAL RECTANGULAR SUPPLY, OUTSIDE, RETURN AIR DUCTS AND RETURN AIR PLENUMS WITH DUCT LINER AND INSTALL AS CALLED FOR IN SPEC. SECTIONS 23_30_00, 2.09 & 3.09. NO EXCEPTIONS. RECTANGULAR

ROUND B

WRAP INSULATION

20 GAUGE GALVANIZED SHEET METAL STRAPS ATTACHED TO STRUCTURE ABOVE (SPEC 23 30 00) INSULATION, SEE DETAIL 3/M1

DUCT LINER INSULATION

REMOTE ALARM/STROBE FOR DUCT SMOKE DETECTOR(MOUNT @ 7'-6" A.F.F.

HVAC LESEND

SUPPLY DIFFE RETURN AIR GR AUST REGISTE

AIR FLOW INDICATOR

THERMOSTAT

TURNING VANES

MOTORIZED DAMPER

SADDLE TAP FITTING (WITH DAMPER)

CATEGORY 5 COMMUNICATION CABLE

VENSTAR EQUIPMENT CONTROL PAC

CO2 SENSOR FOR DEMAND CONTROL

VENSTAR REMOTE SENSOR (FACTORY SUPPLIED WITH ROOFTOP UNIT). CONTRACTOR SHALL FIELD SPLICE CABLE & EXTEND CABLE TO LOCATIONS SHOWN, SEE VENSTAR S.O.W. FOR SENSOR MOUNTING HEIGHTS.

VENTILATION (FACTORY SUPPLIED WITH ROOFTOP UNIT). FIELD INSTALLED & WIRED BY CONTRACTOR.) SEE VENSTAR S.O.W. FOR SENSOR MOUNTING HEIGHTS.

VENSTAR "SCOPE OF WORK" DOCUMENT SEE VS3 SHEET.

ECP

S

©

Wm.

S.O.W.

HSA

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

SHEET NUMBER

WSB