



NEW VRV REFRIG. PIPING OVHD & ROUTED ABOVE CEILING FROM "CU-3" VRV SYSTEM FROM NEW VRV BRANCH SELECTOR SWITCH EQUIPMENT "BS-3-2" ABV CEILING WITH REFRIG. LINES CONTINUED FROM RUGBY UPPER LEVEL "PART-A" FLOOR PLAN (SEE DWG. "RG-M-A1U UPPER" FLOOR PLAN. (SEE VRV SYS. PIPING DIAGRAMS FOR PIPE SIZES/ALL VRV REFRIG. LINES OF SYSTEMS)

TYP. VRV REFRIG. PIPING OVHD & ROUTED ABOVE CEILING (SEE VRV SYS. PIPING DIAGRAMS FOR PIPE SIZE/ALL VRV REFRIG. LINES)

EXIST HVAC VENT S/A DUCT UP FROM LOWER LEVEL HVAC MECHANICAL ROOM (SEE DWG. "RG-M-B1 LOWER" FOR LOCATION AT LOWER LEVEL)

EXIST. 1-1/2" HVAC GRAVITY CONDENSATE DRAIN PIPING OVHD. REMAINS & CONTIN. DN. TO LOWER LEVEL MAIN MECHANICAL ROOM

NOTE: (SEE MECH HVAC DEMO DWGS.) CONNECT NEW (150 CFM) 8" VENT S/A DUCTS TO EXIST. RE-USED 6" & 8" VENT DUCT CONNS. @ EXIST BRANCH MAIN DUCTS ABV. NEW CEILINGS & ROUTE NEW 8" VENT S/A DUCTS TO NEW 24" SQ. "FRIGE" NO. "PDN-D" ALL ALUMINUM S/A DIFFUSERS IN ROOM CEILINGS SHOWN (TYP. FOR ALL NEW HVAC ZONES WHERE SHOWN)

RUGBY HVAC UPGRADE NEW MECH. WORK - PART-B FLOOR PLAN @ EXIST. MAIN UPPER FLOOR

SCALE: 1/8"=1'-0" (EXIST REFERENCE FLOOR PLAN USED FOR NEW HVAC VRV SYSTEMS INFORMATION ONLY)

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	DEC. 16, 2019	ISSUED FOR OWNER BIDDING.	JJC

DESIGNED BY: S.BRAUNBECK & J.CAPITAN
 DRAWN BY: CAPITAN
 CHECKED BY: CAPITAN
 DATE: DECEMBER-16-2019
 SCALE: AS NOTED
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 DECEMBER 16, 2019

DESIGN & ENGINEERING
 ENERGY SYSTEMS
 INFRASTRUCTURE UTILITIES
 SYSTEMS ANALYSIS
 COMMISSIONING REVIEW

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RUGBY HVAC UPGRADE NEW WORK PART-A FLOOR PLAN @ EXIST. MAIN UPPER FLOOR

PROJECT: **2019 - 2020 HVAC UPGRADES TO FLAT ROCK & RUGBY MIDDLE SCHOOLS**
 HENDERSON COUNTY PUBLIC SCHOOLS
 414 - 4TH STREET, HENDERSONVILLE, HENDERSON COUNTY, NORTH CAROLINA 29621

DRAWING: **RG-M-B1 UPPER**
 SHEET: 8 OF 14
 REV. NO.: IFB