



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. "PRICE" NO. "PDN-D" ALL ALUMINUM S/A DIFFUSERS IN ROOM CEILINGS SHOWN (TYP. FOR ALL NEW HVAC ZONES WHERE SHOWN)

EXIST OVHD GRAVITY CONDENSATE PIPING ABV CEILING REMAINS & REUSE FOR NEW UPGRADE HVAC CONDENS. DRAIN CONNS.

EXISTING UNEXCAVATED CRAWL SPACE

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

EXISTING UNEXCAVATED CRAWL SPACE

EXIST R/A DUCT FROM UPPER LEVEL

EXIST S/A DUCTS UP TO UPPER LEVEL

EXIST AHU & S/A DUCTS

EXIST OVHD CHW & HW PIPING TO EXIST AHU SYS. AT UNDERFLOOR CRAWL SPACE

NOTE: (SEE ENLARGED MECH HVAC PART PLAN DWG. "RG-M-B1L" LOWER LEVEL PART FLR. PLAN FOR NEW VRV HVAC ZONES NO. "1&2" VRV REFRIG. PIPING ROUTING AT UN-EXCAVATED UNDERFLOOR CRAWL SPACE AREA AT LOWER LEVEL ("CU-1&2" SYSTEMS) FOR ADDITIONAL INFO & REQUIREMENTS)

NOTE: (SEE MECH HVAC PART-PLAN DWG. "RG-M-B1L" LOWER LEVEL FLOOR PLAN FOR CONTIN. OF "PART-B" FLOOR PLAN AS PART OF NEW VRV ZONES NO.1 & 2 ("CU-1" & "CU-2" SYSTEMS))

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. "PRICE" NO. "PDN-D" ALL ALUMINUM S/A DIFFUSERS IN ROOM CEILINGS SHOWN (TYP. FOR ALL NEW HVAC ZONES WHERE SHOWN)

NEW VRV REFRIG. PIPING OVHD & ROUTED ABOVE CEILING TO CONTINUE TO RUGBY LOWER LEVEL "PART-B" FLOOR PLAN (SEE DWG. "RG-M-B1L" LOWER FLOOR PLAN FOR CONTINUATION OF EQUIP/PIPING AND ROUTING OF NEW VRV REFRIG. UPGRADE PIPING LINES. (SEE VRV SYS. PIPING DIAGRAMS FOR PIPE SIZE OF ALL VRV REFRIG. LINES))

RUGBY- NEW HVAC UPGRADE VRV SYSTEMS (ZONES NO.1 & 2)
PARTIAL - PART "A"- FLOOR PLAN @ EXIST. LOWER MAIN FLOOR LEVEL

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

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
 JOB NO.: DEJ JOB NO. 19005

DESIGN & ENGINEERING
 ENERGY SYSTEMS
 INFRASTRUCTURE UTILITIES
 SYSTEMS ANALYSIS
 COMMISSIONING REVIEW

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FLAT ROCK - NEW HVAC UPGRADE SYSTEMS OVERALL FLOOR PLAN @ EXIST. MAIN 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-A1L**
 (LOWER FLOOR LEVEL)
 SHEET: 10 OF 14
 REV. NO.: IFB