



NOTE: CONTRACTOR SHALL FIELD VERIFY w/OWNER FOR ALL PHASED DEMO WORK OF EXIST. ABOVE CEILING 2-PIPE H&V UNIT (EXIST. F.C. UNIT #4) SUPPLYING VENT AIR TO EXIST LOCKERS; EXIST. VENT AIR VENT-AIR SUPPLY DUCTS SHALL BE PARTIALLY REMOVED AS CONNECTED TO EXIST THE EXIST H&V UNIT & REMOVE EXIST 2-PIPE HWS&R PIPING AT UNIT & CAP HW PIPING BELOW ROOF. PREPARE THE DEMO'D LOCATION ABOVE CEILING & THE ROOF AREA ABOVE TO RECEIVE NEW PACKAGED CURB MOUNTED "RTU-1" HTG-COOLING UNIT & PREP. REMAINING SUPPLY DUCT TO BE RE-USED & CONNECT TO NEW "RTU-1" UNIT DUCT CONNECTIONS (SEE NEW WORK PLAN FOR NEW "RTU-1" UNIT ON ROOF & ALL NEW DUCT CONNECTION WORK.)

REMOVE EXIST H&V UNIT PARTIAL S/A DUCTWORK TO THIS LIMITED LOCATION & LEAVE REMAINING S/A DUCTS OVHD. & PREP ALL EXIST REMAINING DUCTS FOR CONNECTING NEW DUCTS & NEW FIELD INSTALLED 2"-THK. "O.C.F."-"AS" FIBERGLAS DUCT WRAP INSULATION (SEE NEW WORK)

REMOVE PARTIAL PORTIONS OF EXIST 2-1/2" HWS&R PIPING & CONTROL VALVE & CONTROLS CONNECTED TO EXIST. H&V UNIT & CAP-END REMAINING HWS&R PIPING IN PLACE

EXIST OVHD. S/A DUCTS TO REMAIN IN SERVICE (PREP DUCTS FOR NEW DUCT WRAP INSULATION-SEE NEW WORK & SPECS.)

EXIST OVHD. S/A DUCTS TO REMAIN IN SERVICE (PREP DUCTS FOR NEW DUCT WRAP INSULATION-SEE NEW WORK & SPECS.)

NOTE: MAINTAIN EXIST. OVHD. INSULATED 1" THRU 1-1/2" GRAVITY CONDENSATE DRAIN LINES ABV. CORRIDOR CEILINGS & RE-USE SAME FOR CONN'S OF NEW 3/4" PUMPED CONDENSATE FROM ALL NEW VRV UNITS (SEE NEW MECH. UPGRADE WORK PLANS)

(TYPICAL) REMOVE EXISTING 2'x4' ACOUSTICAL TILE CEILINGS & CEILING GRID/SYSTEM IN ALL CLASSROOMS & ALL HVAC UPGRADED ZONED AREAS (TYPICAL) & PREP ALL DEMO ROOM AREAS FOR ALL NEW WORK TO INCLUDE NEW 2'x2' ACOUSTICAL TILE CEILINGS & GRID/SYSTEMS

NOTE: (TYPICAL) CONTRACTOR SHALL FIELD VERIFY w/OWNER FOR PHASED DEMO OF EXIST. ABOVE CEILING A/C VENT-AIR DUCTS CONNECTED TO EXIST 4-PIPE HORIZ. FAN-COIL UNITS SERVING EXIST. ROOM SPACES. REMOVE EACH FAN-COIL UNIT WITH CHW&HW PIPING & ALL TERMINAL SUPPLY & RETURN AIR DUCTS w/FAN COIL UNITS COMPLETE. PREP FOR RECONNECTION OF A/C VENT AIR DUCTS FROM EXIST OVHD. MAIN HVAC TRUNK DUCTWORK TO REMAIN IN CORRIDOR AREAS (SEE NEW HVAC FLOOR PLANS FOR RECONNECTED A/C VENT AIR DUCTS TO NEW CEILING TERMINALS IN EACH SPACE. (COORDIN. OWNER APPROVED PHASED PARTIAL DEMOLITION REMOVALS OF SAME ABOVE w/NEW CONTROL & PWR. WIRING ABV. CEILINGS & NEW VENT-AIR THRU EXIST. ROOM CORRIDOR WALLS)

**FLAT ROCK - HVAC UPGRADE DEMOLITION PART - B1 FLOOR PLAN @ EXIST. MAIN FLOOR**

SCALE: 1/8"=1'-0" (EXIST REFERENCE PLAN USED ONLY FOR DEMOLITION INFORMATION)

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 - HVAC UPGRADE DEMOLITION PART - B1 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: **FRMD-B1**

SHEET: 3 OF 10  
 REV. NO.: IFOB