

NOTE: MAINTAIN EXIST. OVHD. INSULATED 1" THRU 1" 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)

(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: EXIST. TEACHER WORK ROOM & LARGE CONFERENCE ROOM TO HAVE EXIST. S/A BRANCH DUCTS & TERMINAL DIFFUSERS REMOVED; MAINTAIN TAKE-OFF AT MAIN DUCT FOR NEW VENT AIR TO THESE (2) SPACES. (STOR. RM. S/A DUCT REMAINS AS-IS. (TYPICAL) CONTRACTOR SHALL FIELD VERIFY W/OWNER FOR PHASED DEMO OF EXIST. ABOVE CEILING A/C VENT-AIR DUCTS CONNECTED TO EXIST. BRANCH MAIN S/A DUCT SERVING THESE (2) EXIST. ROOM SPACES. REMOVE EACH ROOM'S TERMINAL SUPPLY AIR DUCTS TO DIFFUSERS COMPLETE. PREP THESE (2) ROOMS FOR RECONNECTION OF EXISTING TAKE-OFFS AT THE BRANCH MAIN S/A DUCT FOR NEW A/C VENTILATION AIR TO THESE SPACES AS NOTED FOR NEW WORK (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 IN THESE (2) ROOM SPACES AREAS)

NOTE: MAINTAIN EXIST. AHU'S AND DUCTS UP & DOWN AT LOWER LEVEL UNEXCAVATED BLOW FLOOR AREAS & ALL EXIST. CHW & HW INSULATED PIPING & ALL 1" THRU 1-1/2" GRAVITY CONDENSATE DRAIN LINES ABV. GROUND & KEEP SAME SYSTEMS IN PLACE & IN OPERATION FOR OWNER. (SEE NEW MECH. UPGRADE WORK PLANS)

EXIST. OVHD EXHAUST DUCTS SERVING TOILETS AND ALL EXHAUSTED AREAS TO REMAIN IN SERVICE

NOTE: MAINTAIN EXIST. OVHD EXHAUST DUCTS SERVING TOILETS AND ALL EXHAUSTED AREAS OF ROOMS SHOWN AT LOWER LEVEL UNEXCAVATED & BELOW FLOOR AREAS & ALL EXIST. EXH UNITS & KEEP SAME SYSTEMS IN PLACE & IN OPERATION FOR OWNER. (SEE NEW MECH. UPGRADE WORK PLANS)

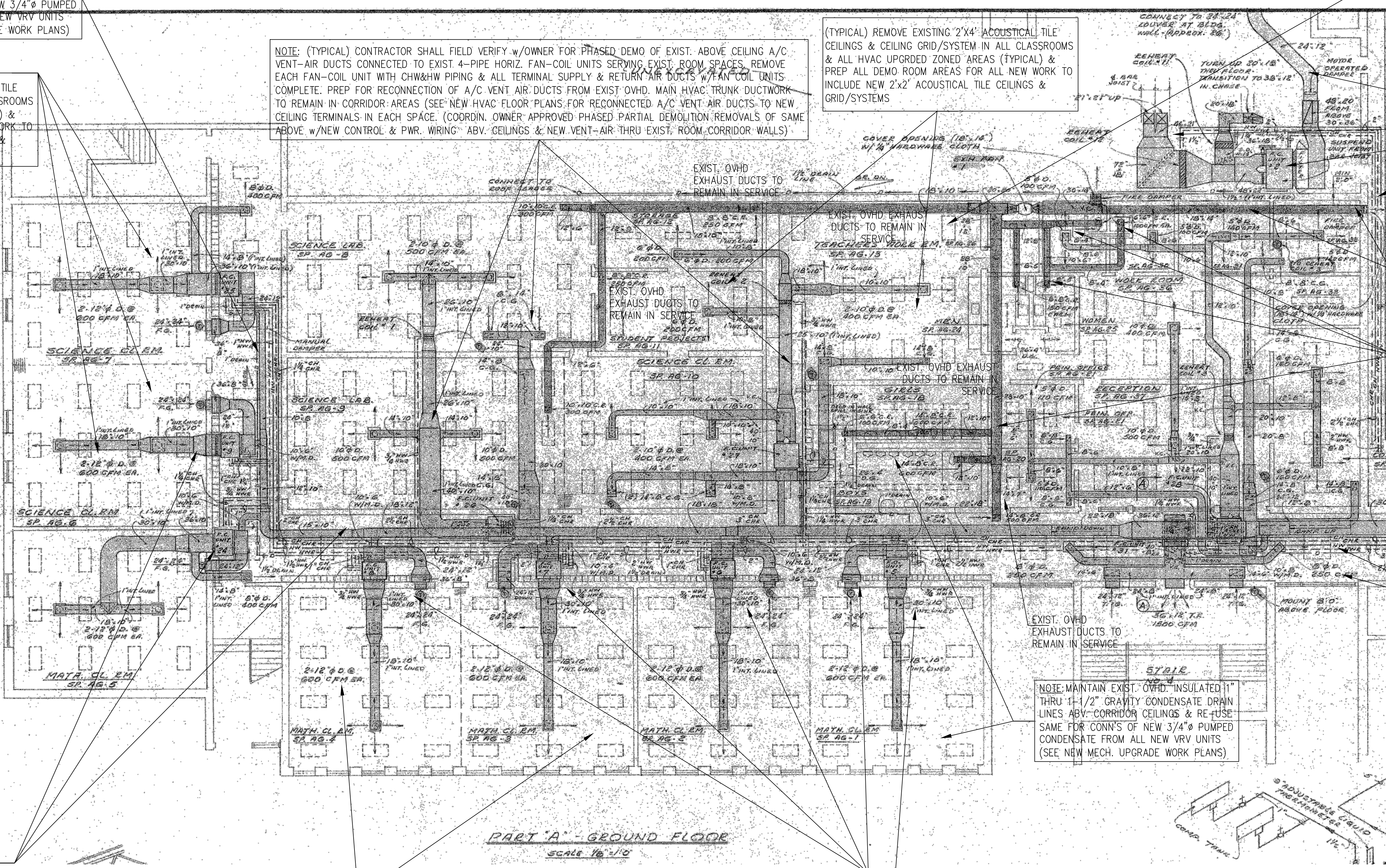
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**RUGBY HVAC UPGRADE DEMOLITION PART-A LOWER FLOOR PLAN @ EXIST. MAIN LOWER FLOOR**

SCALE: 1/8"=1'-0" (EXIST. REFERENCE FLOOR PLAN USED FOR DEMOLITION 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  
 JOB NO.: DEJ JOB NO. 19005  
 DECEMBER 16, 2019

DESIGN & ENGINEERING  
 ENERGY SYSTEMS  
 INFRASTRUCTURE UTILITIES  
 SYSTEMS ANALYSIS  
 COMMISSIONING REVIEW

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**RUGBY HVAC UPGRADE  
 DEMOLITION PART-A FLOOR PLAN  
 @ EXIST. MAIN LOWER 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: **RGMD-A1  
 LOWER**

SHEET: 4 OF 14  
 REV. NO.: IFOB