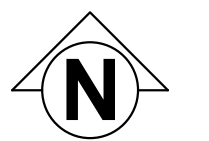


- ### KEY NOTES
- NEW SUPPLY DUCT FROM DHU-1 DOWN WITHIN SHAFT TO CRAWLSPACE. COORDINATE WITH ARCHITECTURAL.
 - NEW RETURN DUCT SHAFT UP TO DHU-1 ON SECOND FLOOR. COORDINATE WITH ARCHITECTURAL.
 - NEW WASHROOM EXHAUST DUCTWORK WITHIN CEILING SPACE. ROUTE UP TO HRV VIA SHAFT.
 - NEW FAN COIL TO SERVE STAFF ROOM.
 - NEW FAN COIL SERVING CLASSROOM.
 - NEW RETURN DUCTWORK WITHIN CEILING SPACE. ROUTE UP TO MECHANICAL ROOM VIA SHAFT.
 - NEW FAN COIL TO SERVE OFFICE.
 - DUCT HAS BEEN SIZED FOR FULL CAPACITY AS PART OF FUTURE EXPANSION. COMPLETE WITH FIRE DAMPER AND ACCESS DOOR AT FLOOR LEVEL ABOVE.
 - PROVIDE FIRE DAMPER AND ACCESS DOORS ON ALL DUCTS PENETRATING MAIN FLOOR CEILING AND SECOND FLOOR. REFER TO ARCHITECTURAL PLANS FOR RATINGS.
 - CAP EXISTING RETURN AIR DUCT AT THIS LOCATION.
 - REFER TO HYDRONIC PLANS.
 - PROVIDE NEW TRANSPARENT LOCKABLE COVER FOR THERMOSTAT. TYPICAL FOR ALL THERMOSTATS LOCATED IN PUBLIC SPACES.
 - PROVIDE A DUCT TRANSITION FOR STRUCTURAL BEAM AT THIS LOCATION.
 - EXISTING SUPPLY AIR DUCTS AND DIFFUSERS. REBALANCE DIFFUSERS TO AIR VOLUMES SHOWN.
 - RETURN AIR DUCT TO FLAIR OUT TO 24X24 AT LEVEL 2 FLOOR LEVEL. COMPLETE WITH FIRE DAMPER AND ACCESS DOOR.
 - EXISTING INDOOR UNIT OF AC/UCU MINI SPLIT TO BE REUSED FOR POOL RECEPTION AREA. DRAIN ALL REFRIGERANT AND SUCTION PIPING. MODIFY, EXTEND AND RECONNECT REFRIGERANT PIPING AND CONTROL WIRING TO NEW LOCATION. CONFIRM OPERATION OF AC/UCU UNIT.
 - EXISTING OUTDOOR COMPRESSOR OF AC/UCU MINI SPLIT TO BE REUSED FOR POOL RECEPTION AREA. UNIT IS LOCATED AT HIGH LEVEL ON THE MAIN FLOOR.
 - CONNECT NEW DUCTWORK INTO EXISTING EGG CRATE GRILLE. REMOVE EXISTING GRILLE AND CLEAN. BALANCE TO AIR VOLUME SHOWN.
 - PROVIDE FIRE DAMPER AND ACCESS DOOR FOR ALL DUCTS PENETRATING FIRE RATING. REFER TO ARCHITECTURAL FOR RATINGS. TYPICAL.
 - CONNECT NEW DUCT TO EXISTING DUCT AT THIS LOCATION.



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LEVEL 1 - HVAC RENOVATION 1
 3/32" = 1'-0" MH2.4

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Project
ST. JAMES CIVIC CENTRE

Drawing
LEVEL 1 RENOVATION - HVAC PLAN

Drawn By: GC Review By: JS
 Scale: 3/32" = 1'-0" Tender No: 1176-2019
 Date: 11/06/19
 Sheet: **MH2.4**