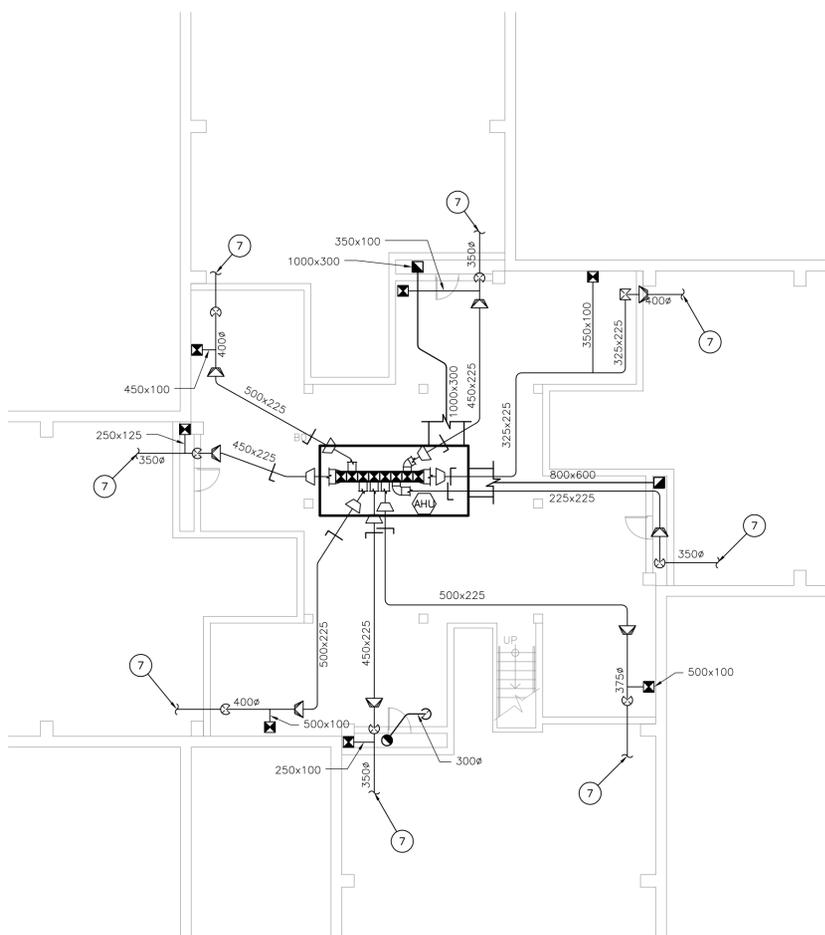
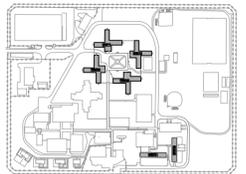


- ### GENERAL NOTES
- ALL DUCTWORK SHOWN TO BE COMPLETELY CLEANED INTERNALLY ALONG THE FULL LENGTH OF DUCTWORK INDICATED IN THIS DRAWING. ENSURE DUCT IS MAINTAINED UNDER NEGATIVE PRESSURE AT ALL TIMES DURING CLEANING OPERATIONS. PROTECT FINISHED AREAS FROM DUST, CLEAN ANY AND ALL RESIDUE FROM FINISHED AREAS FOLLOWING CLEANING OPERATIONS.
 - CLEAN THE INTERIOR OF THE AIR HANDLERS INCLUDING FAN WHEEL BLADES.
 - COMPLETE ALL DUCT CLEANING AND REMIT VIDEO MEDIA TO DEPARTMENTAL REPRESENTATIVE AFTER COMPLETION OF WORK. VIDEO INSPECTION SHALL COVER 100% OF DUCT LENGTH.
 - REMOVE SUPPLY RETURN GRILLES WHILE CONNECTED. DUCTWORK IS MAINTAINED UNDER NEGATIVE PRESSURE, THROUGHLY CLEAN GRILLES AND RE-INSTALL USING FASTENING METHODS APPROVED BY DEPARTMENTAL REPRESENTATIVE.
 - FOR FLOOR SUPPLY GRILLE TYPE SA, CONTRACTOR TO REMOVE AND CLEAN BOTH THE SUPPLY GRILLE MOUNTED TO THE CONCRETE CURB AND THE DAMPER MECHANISM MOUNTED TO THE CONCRETE SLAB OPENING.
 - CONTRACTOR TO ALLOW FOR REPLACEMENT OF 10% OF ALL SUPPLY AND RETURN GRILLES. TYPE INDICATED ON PLAN IS IN THE CASE OF REPLACEMENT. GRILLES ARE TO BE REPLACED IF DAMAGED BEYOND CLEANING AND/OR REPAIR. BALANCE GRILLES TO AIRFLOW INDICATED.

- ### DRAWING NOTES
- SUPPLY DUCT BENEATH FLOOR FROM BASEMENT MECHANICAL ROOM.
 - DUCTWORK FROM BASEMENT MECHANICAL ROOM. REFER TO M404, DETAIL 2 FOR CONTINUATION.
 - 350x100mm SUPPLY DUCT UP FROM BENEATH FLOOR TO SUPPLY GRILLE WITHIN LIVING QUARTERS. TYPICAL FOR WINGS A, C, AND E.
 - 500x100mm SUPPLY DUCT UP FROM BENEATH FLOOR TO SUPPLY GRILLE WITHIN ROOM C18. TYPICAL OF WINGS A, C, AND E.
 - 200x200mm RETURN GRILLE FROM LIVING QUARTERS INTO MECHANICAL SHAFT. TYPICAL OF WINGS A, C, AND E.
 - 250x100mm SUPPLY DUCT FROM BENEATH FLOOR TO SUPPLY GRILLE IN WING HALLWAY. TYPICAL OF WINGS A, C, AND E.
 - DUCTWORK TO BELOW 1ST FLOOR LIVING QUARTERS. REFER TO M404, DETAIL 1 FOR CONTINUATION.
 - DUCTWORK BENEATH FLOOR FEEDING WING G WITH SUPPLY GRILLES IN FLOOR.
 - SUPPLY GRILLE IN FLOOR FED FROM BASEMENT MECHANICAL ROOM BRANCH DUCTWORK.
 - SUPPLY DUCT THROUGH WALL INTO FINISHED CEILING. ROUTING UNKNOWN.
 - RETURN MIXED AIR DUCT FROM UPPER MECHANICAL ROOM. REFER TO M406 FOR CONTINUATION.
 - RETURN MIXED AIR DUCT TO LOWER MECHANICAL ROOM. REFER TO M404, DETAIL 2 FOR CONTINUATION.
 - TRANSFER GRILLE IN CEILING.
 - RETURN GRILLE IN CEILING.

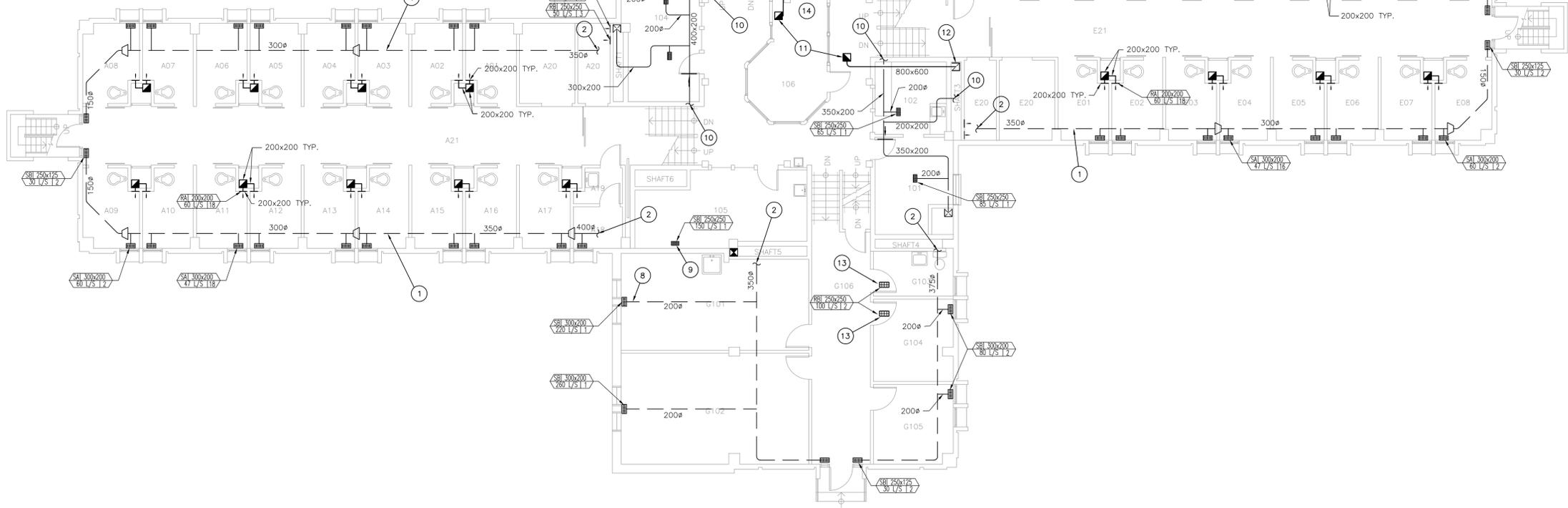
Key Plan



2 LOWER LEVEL MECHANICAL ROOM EXISTING HVAC LAYOUT
SCALE: 1:100

M404

SCALE: 1:100



1 FLOOR 1 EXISTING HVAC LAYOUT
SCALE: 1:100

M404

revision	description	date
01	RE-ISSUED FOR TENDER	2013/05/28
00	ISSUED FOR TENDER	2013/04/19
0B	ISSUED FOR 99% REVIEW	2013/03/27
0A	ISSUED FOR 66% REVIEW	2013/02/11

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the departmental representative of all discrepancies.

- A Detail No.
- B drawing no. - where detail required
- C drawing no. - where detailed

project title
CAMPBELLFORD Ontario
 CORRECTIONAL SERVICE CANADA
 WARKWORTH INSTITUTION
 15847 COUNTY ROAD 29
LIVING UNITS DUCT CLEANING

drawing title
BUILDINGS WW; 08, 09, 10 & 11 LOWER LEVEL AND FLOOR 1 EXISTING HVAC LAYOUT

drawn by C. McGee / C. Rivard

designed by C. McGee

approved by H. Baxa, P.Eng.

bid O. Tabarez project manager

project date 2013-01-28

project no. R.033222.001

drawing no. M404