

**1**  
**FLOOR 2**  
**EXISTING HVAC LAYOUT**  
 SCALE: 1:100

**GENERAL NOTES**

1. 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.
2. CLEAN THE INTERIOR OF THE AIR HANDLERS INCLUDING FAN WHEEL BLADES.
3. COMPLETE ALL DUCT CLEANING AND REMIT VIDEO MEDIA TO DEPARTMENTAL REPRESENTATIVE AFTER COMPLETION OF WORK. VIDEO INSPECTION SHALL COVER 100% OF DUCT LENGTH.
4. REMOVE SUPPLY RETURN GRILLES WHILE CONNECTED DUCTWORK IS MAINTAINED UNDER NEGATIVE PRESSURE. THOROUGHLY CLEAN GRILLES AND RE-INSTALL USING FASTENING METHODS APPROVED BY DEPARTMENTAL REPRESENTATIVE.
5. 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.
6. 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.

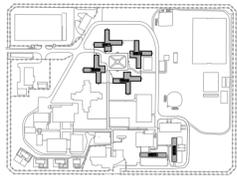
**DRAWING NOTES**

- 1 200x200mm RETURN DUCTWORK UP FROM FIRST FLOOR LIVING QUARTERS. TYPICAL OF WINGS B, D, AND F.
- 2 300x200mm SUPPLY GRILLE FOR LIVING QUARTERS FED FROM CEILING SUPPLY DUCTWORK WITHIN SLAB. TYPICAL OF WINGS B, D, AND F.
- 3 200x200mm RETURN DUCTWORK UP TO CEILING SPACE. TYPICAL OF WINGS B, D, AND F.
- 4 250x100mm SUPPLY GRILLES FOR HALLWAY FED FROM CEILING SUPPLY DUCTWORK. TYPICAL OF WINGS B, D, AND F.

**Public Works and Government Services Canada**  
 Architectural and Engineering Services  
 Ontario Region  
**Travaux publics et Services gouvernementaux Canada**  
 Services d'architecture et de génie  
 Région de l'Ontario

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Key Plan



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**  
**FLOOR 2**  
**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.  
 M405

034 P034593.0300.000 MB M405 01  
 Date: 2013-01-28  
 Drawn: C. McGee  
 Checked: C. Rivard  
 Scale: 1:100  
 Project: 034 P034593.0300.000 MB M405 01