

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.

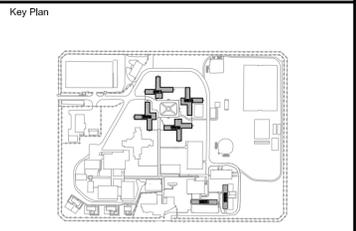
DRAWING NOTES

- 1 100# SUPPLY DUCTWORK IN HOLLOW CORE IN SLAB FEEDING LIVING QUARTERS. TYPICAL OF WINGS B, D, AND F.
- 2 200x200mm RETURN DUCTWORK FROM 2ND FLOOR LIVING QUARTERS RETURN GRILLES. TYPICAL OF WINGS B, D, AND F.
- 3 200x200mm RETURN DUCTWORK FROM 1ST FLOOR LIVING QUARTERS RETURN GRILLES. TYPICAL OF WINGS A, C, AND E.
- 4 SUPPLY DUCTWORK FEEDING SUPPLY GRILLE IN HALLWAY. TYPICAL OF WINGS B, D, AND F.
- 5 UPPER RETURN DUCTS EXHAUST TO OUTSIDE.
- 6 UPPER RETURN DUCTS FRESH AIR SUPPLY TO PROVIDE MIXED AIR TO UPPER LEVEL AIR HANDLER.
- 7 UPPER LEVEL AIR HANDLER. UNIT PROVIDES AIR TO WINGS B, D, AND F.
- 8 LOWER LEVEL RETURN DUCTS FRESH AIR SUPPLY TO PROVIDE MIXED AIR TO LOWER LEVEL AIR HANDLER.
- 9 SUPPLY AND RETURN DUCTS TO WING H ARE NOT IN USE. DAMPERS ARE CLOSED AND AIR IS PROVIDED BY A STANDALONE UNIT IN WING H. WING H DUCTWORK IS OUTSIDE OF SCOPE.
- 10 MIXED AIR DUCT DOWN TO LOWER MECHANICAL ROOM. REFER TO M404, DETAIL 1.

Public Works and Government Services Canada
 Architectural and Engineering Services
 Ontario Region

Travaux publics et Services gouvernementaux Canada
 Services d'architecture et de génie
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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
UPPER MECHANICAL ROOM & CEILING CRAWL SPACE LAYOUTS

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.
 M406

1
 UPPER MECHANICAL ROOM & ATTIC SPACES
 EXISTING HVAC LAYOUT
 SCALE: 1:100

034 P034593.0300.000 MB M406 01
 Date: 2013-01-28
 Drawn: C. McGee
 Checked: C. Rivard
 Project: 034 P034593.0300.000 MB M406 01