

ISSUED FOR TENDER

2014/01/09



Public Works and
Government Services Canada

Travaux publics et
Services gouvernementaux Canada

CAMPBELLFORD, ONTARIO
CORRECTIONAL SERVICES CANADA

WARKWORTH INSTITUTION, 15847 COUNTY ROAD 29



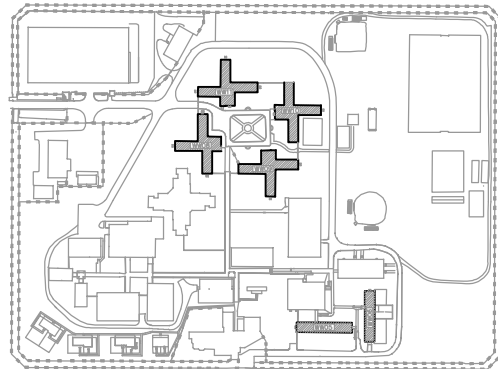
Public Works and
Government Services Canada
Architectural and Engineering Services
Ontario Region

Travaux publics et
Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario

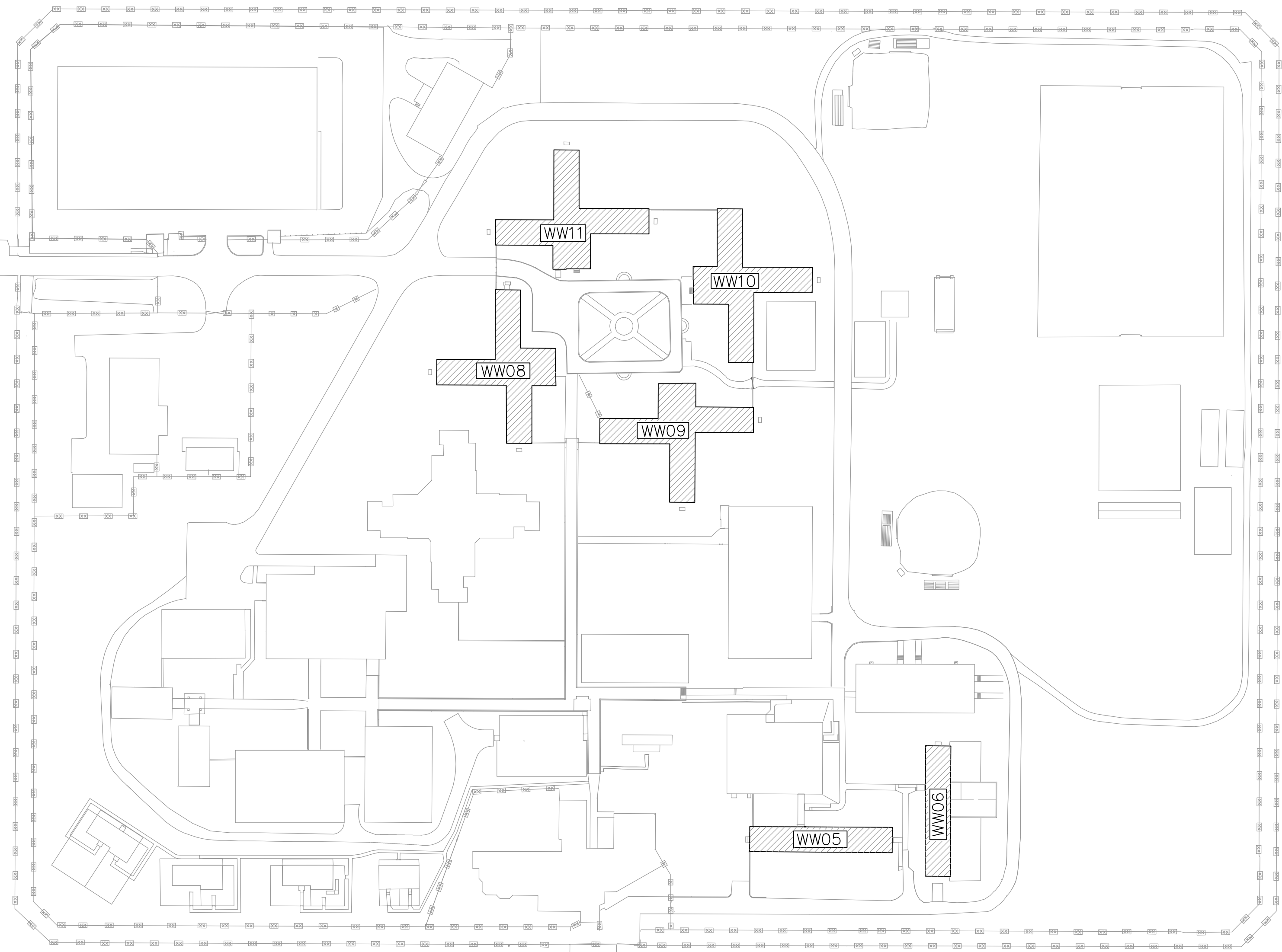
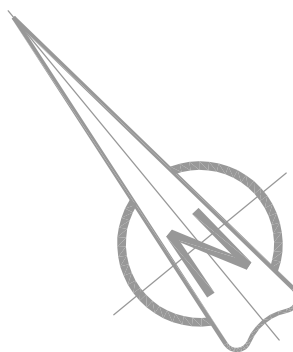
DESSAU

Dessau inc.
2625 Queensview Drive, Suite 105
Ottawa, Ontario K2B 8K2
Telephone: 613-226-9667
Fax: 613-226-7389
www.dessau.com

Key Plan



KEY PLAN



COVER PAGE & KEY PLAN

G401 COVER PAGE, KEY PLAN & DRAWING LIST

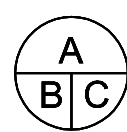
MECHANICAL DRAWINGS LIST

A001	BUILDING WW05 & WW06 FLOOR 1--PAINTING	
A002	BUILDINGS WW; 08, 09, 10 & 11 LOWER AND FLOOR 1--PAINTING	LEVEL
A003	BUILDINGS WW; 08, 09, 10 & 11 FLOOR 2--PAINTING	
M401	MECHANICAL LEGEND	
M402	BUILDING WW05 FLOOR 1 AND ATTIC EXISTING HVAC LAYOUT	
M403	BUILDING WW06 FLOOR 1 AND ATTIC EXISTING HVAC LAYOUT	
M404	BUILDINGS WW; 08, 09, 10 & 11 LOWER LEVEL AND FLOOR 1 EXISTING HVAC LAYOUT	
M405	BUILDINGS WW; 08, 09, 10 & 11 FLOOR 2 EXISTING HVAC LAYOUT	
M406	BUILDINGS WW; 08, 09, 10 & 11 UPPER MECHANICAL ROOM AND ATTIC SPACE EXISTING HVAC LAYOUT	

BUILDING INDEX

WW05	RECEPTION CELLS BUILDING
WW06	DISSOCIATION CELLS BUILDING
WW08	ACCOMMODATION BUILDING (UNIT 4)
WW09	ACCOMMODATION BUILDING (UNIT 1)
WW10	ACCOMMODATION BUILDING (UNIT 2)
WW11	ACCOMMODATION BUILDING (UNIT 3)

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
**COVER PAGE, KEY PLAN &
DRAWING LIST**

drawn by
C. McGee / C. Rivard

designed by
C. Rivard

approved by
G.Lynch, P.Eng.

bid
O. Tabarez project manager

project date
2014-01-09

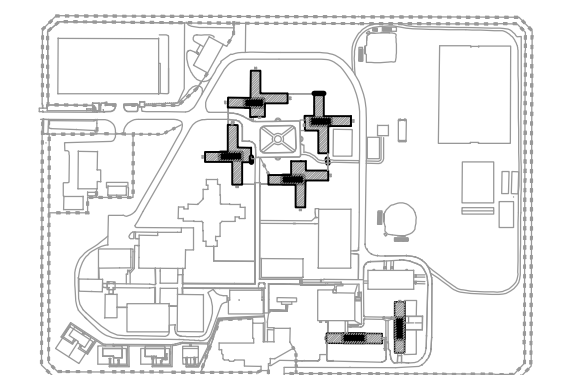
project no.
R.033222.001

drawing no.
G401



1.	WALL COLOR TO MATCH EXISTING. DOOR FRAME COLOR TO BE PROVIDED BY CLIENT. SUBMIT SAMPLE FOR REVIEW.
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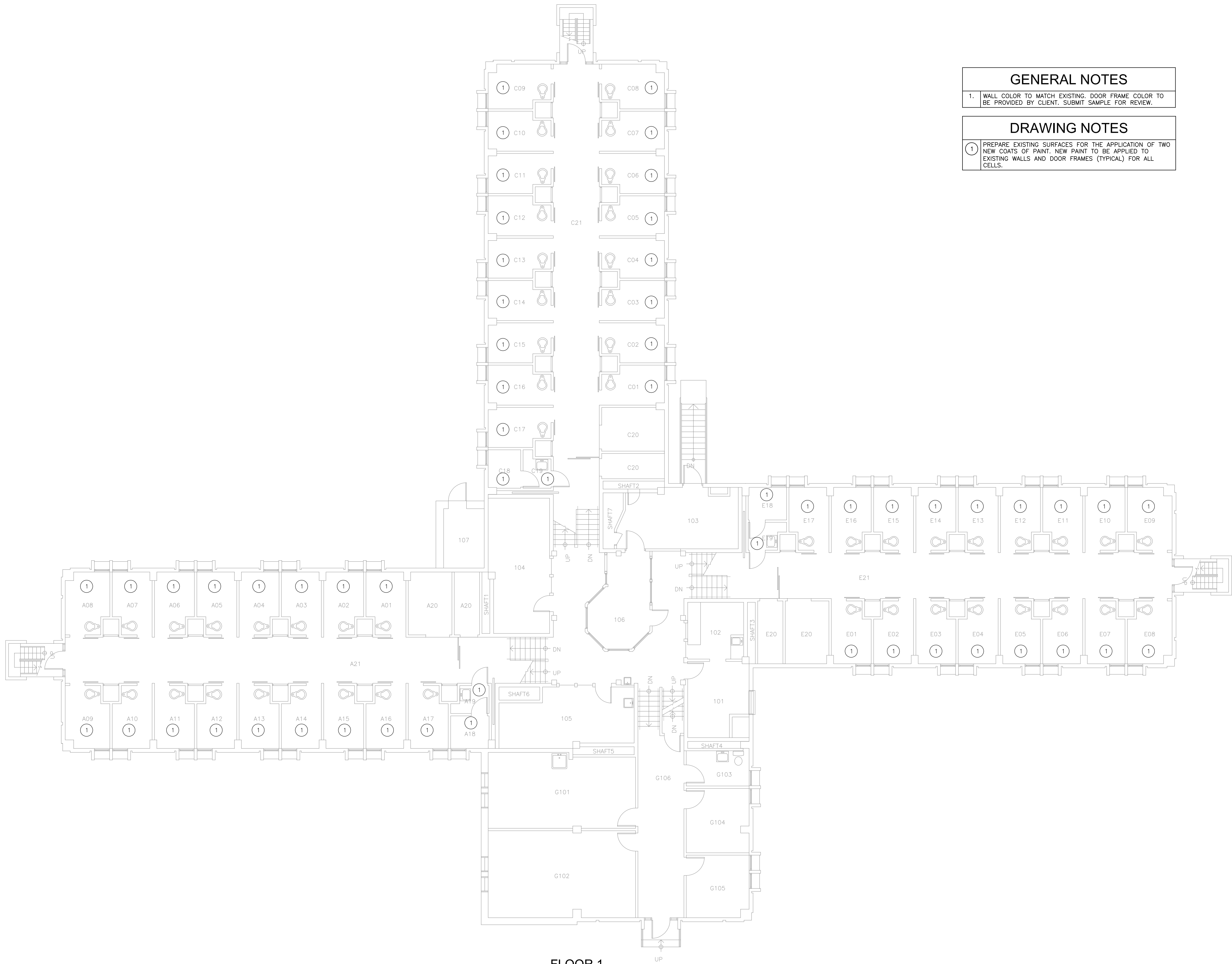
1	PREPARE EXISTING SURFACES FOR THE APPLICATION OF TV NEW COATS OF PAINT. NEW PAINT TO BE APPLIED TO EXISTING WALLS AND DOOR FRAMES (TYPICAL) FOR ALL CELLS.
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02	ISSUED FOR TENDER	2014/01/09
revision	description	date


A Detail No.
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drawing no.



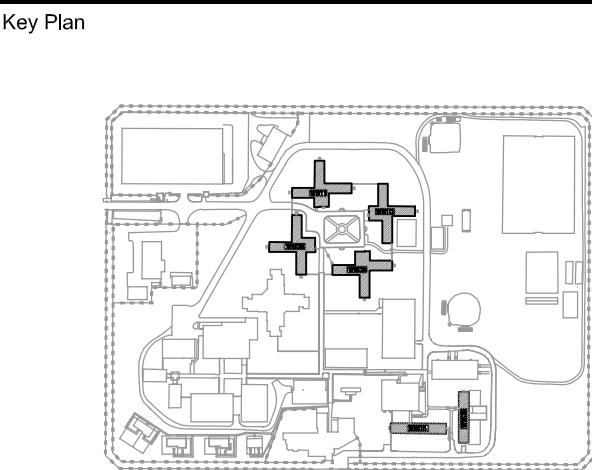
1
A002
FLOOR 1
SITE LAYOUT
SCALE: 1:100

- GENERAL NOTES**
1. WALL COLOR TO MATCH EXISTING. DOOR FRAME COLOR TO BE PROVIDED BY CLIENT. SUBMIT SAMPLE FOR REVIEW.
- DRAWING NOTES**
1. PREPARE EXISTING SURFACES FOR THE APPLICATION OF TWO NEW COATS OF PAINT. NEW PAINT TO BE APPLIED TO EXISTING WALLS AND DOOR FRAMES (TYPICAL) FOR ALL CELLS.

 Public Works and
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Architectural and Engineering Services
Ontario Region

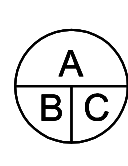
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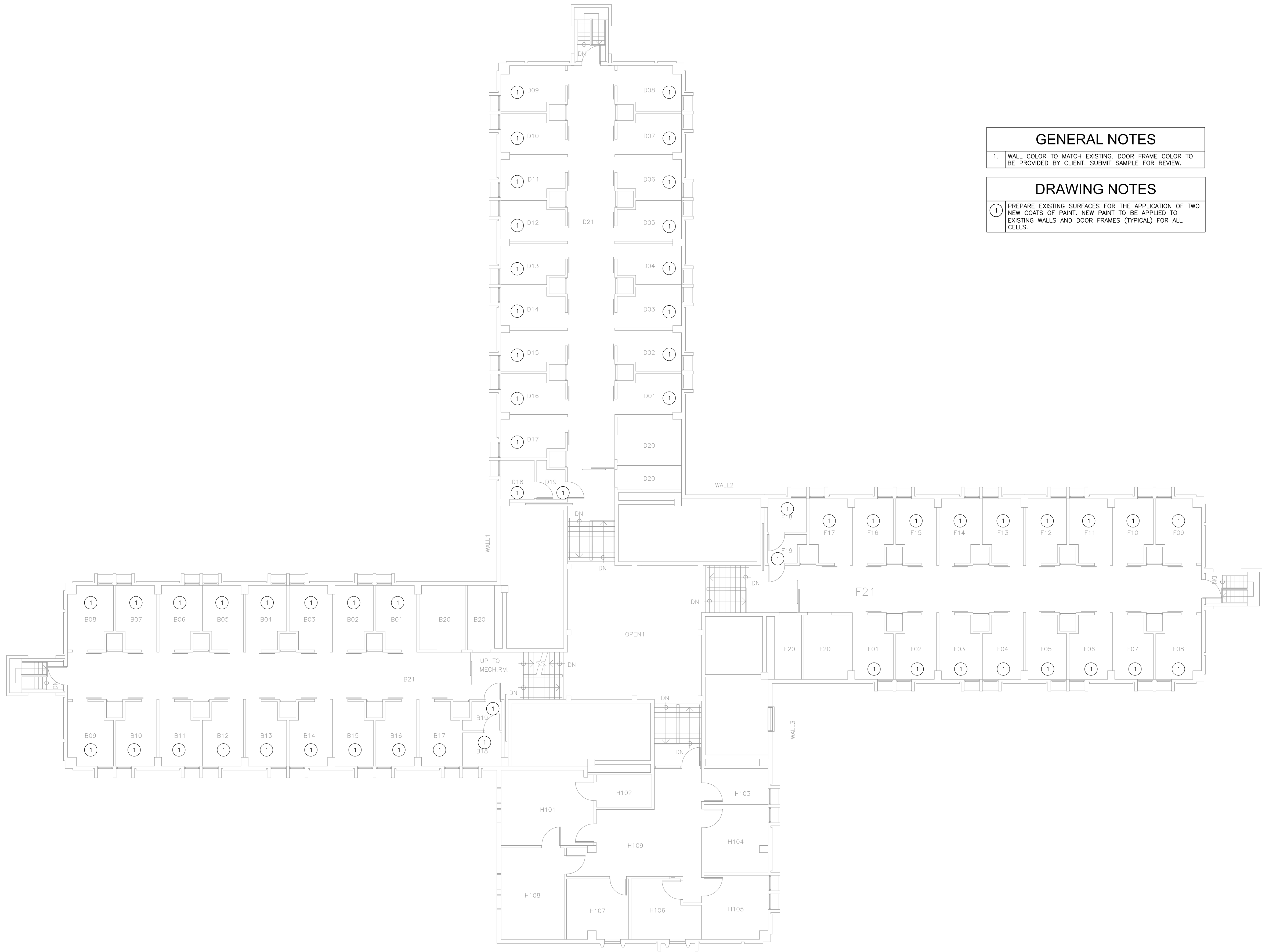


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-  **A** Detail No.
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project title		
CAMPBELLFORD Ontario CORRECTIONAL SERVICE CANADA WARKWORTH INSTITUTION 15847 COUNTY ROAD 29 LIVING UNITS DUCT CLEANING		
drawing title		
BUILDINGS WW; 08, 09, 10 & 11 LOWER LEVEL AND FLOOR 1 SITE LAYOUT		
PAINTING		
drawn by	K.Ayoub	
designed by	K.Ayoub	
approved by	G.Lynch, P.Eng.	
bid	O. Tabarez	project manager
project date	2014-01-09	
project no.	R.033222.001	
drawing no.	A002	



- GENERAL NOTES

1.

WALL COLOR TO MATCH EXISTING. DOOR FRAME COLOR TO BE PROVIDED BY CLIENT. SUBMIT SAMPLE FOR REVIEW.
- DRAWING NOTES

1.

PREPARE EXISTING SURFACES FOR THE APPLICATION OF TWO NEW COATS OF PAINT. NEW PAINT TO BE APPLIED TO EXISTING WALLS AND DOOR FRAMES (TYPICAL) FOR ALL CELLS.

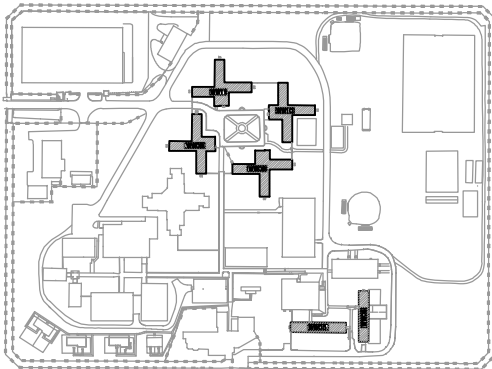
1
FLOOR 2
SITE LAYOUT
SCALE: 1:100

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Key Plan



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revision	description	date

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- A

B

C

A

B

C

A

B

C
- Detail No.

drawing no. - where detail required

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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
SITE LAYOUT

PAINTING
drawn by
K.Ayoub

designed by
K.Ayoub

approved by
G.Lynch, P.Eng.

bid
O. Tabarez project manager


project date
2014-01-09

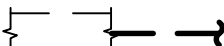
project no.
R.033222.001


drawing no.
A003


0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 millimetres

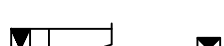
VENTILATION

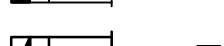
 DUCT

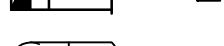
 UNDERGROUND DUCTWORK CAST IN CONCRETE SLAB

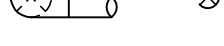
 SUPPLY ROUND DUCT GOING UP

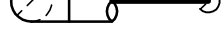
 EXHAUST OR RETURN ROUND DUCT GOING UP

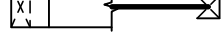
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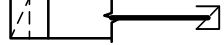
 EXHAUST OR RETURN RECTANGULAR DUCT GOING UP


 SUPPLY ROUND DUCT GOING DOWN

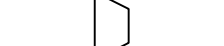
 EXHAUST OR RETURN ROUND DUCT GOING DOWN

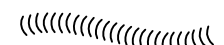
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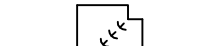
 EXHAUST OR RETURN RECTANGULAR DUCT GOING DOWN

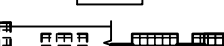
 RECTANGULAR TO ROUND TRANSITION


 RECTANGULAR OR ROUND TRANSITION


 FLEXIBLE DUCT

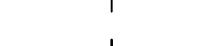
 90° ELBOW WITH GUIDE VANES

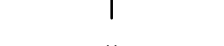
 RETURN OR EXHAUST GRILLE

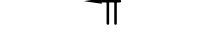
 FLOOR SUPPLY GRILLE


 SIDEWALL SUPPLY GRILLE


 SIDEWALL RETURN GRILLE

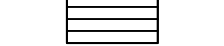
 TRANSFER GRILLE IN A DOOR


 UNDER DOOR AIR TRANSFER

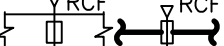
 DUCT FILTER


 SILENCER


 FLEXIBLE CONNECTOR

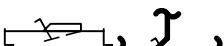
 FIRE DAMPER

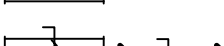
 MOTORIZED FIRE & SMOKE DAMPER

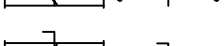
 MANUAL SINGLE BLADE BALANCING DAMPER

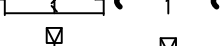
 MANUAL ADJUSTMENT DAMPER IN TAKEOFF

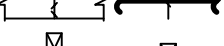
 MANUAL DAMPER WITH PARALLEL BLADES

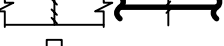
 MANUAL DAMPER WITH OPPOSED BLADES

 MOTORIZED DAMPER WITH OPPOSED BLADES

 MOTORIZED DAMPER WITH PARALLEL BLADES

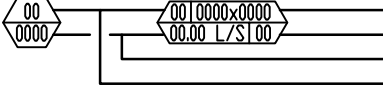
 JET HUMIDIFIER

 BACKDRAFT DAMPER

 ACCESS DOOR

* THE SYMBOLIC DIFFERENCE BETWEEN EXISTING AND NEW ELEMENTS IS USED ONLY WHEN BOTH EXISTING AND NEW ELEMENTS ARE SHOWN SIMULTANEOUSLY ON DRAWINGS. OTHERWISE, THE STANDARD SYMBOLISM IS USED (FULL LINEWEIGHT).

IDENTIFICATION

 IDENTIFICATION OF GRILLES AND DIFFUSERS
DIMENSIONS, LENGTH BY WIDTH
QUANTITY
FLOW IN LITERS PER SECOND
TYPE

00000

ROOM NUMBER

2%

SLOPE

1

EQUIPMENT REFERENCE

1

NOTE REFERENCE

EXISTING TO REMOVE *

EXISTING TO REMAIN *

CONNECTION TO EXISTING *

ELEVATION

MODIFICATION REFERENCE

PLAN REFERENCE

DETAIL REFERENCE

1 M001


DESCRIPTION

SCALE: X:Y

SECTION REFERENCE

SECTION IMPLANTATION

NORTH INDICATOR

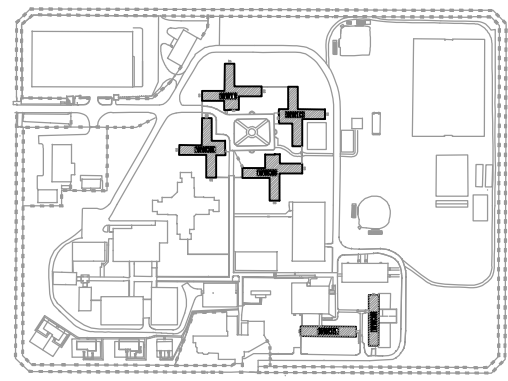
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Key Plan



02	ISSUED FOR TENDER	2014/01/19
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
revision	description	date

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A
B
C

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project title

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

drawing title

MECHANICAL
LEGEND

drawn by

C. McGee / C. Rivard

designed by

C. Rivard

approved by

G.Lynch, P.Eng.

bid

O. Tabarez

project manager

project date

2014-01-09

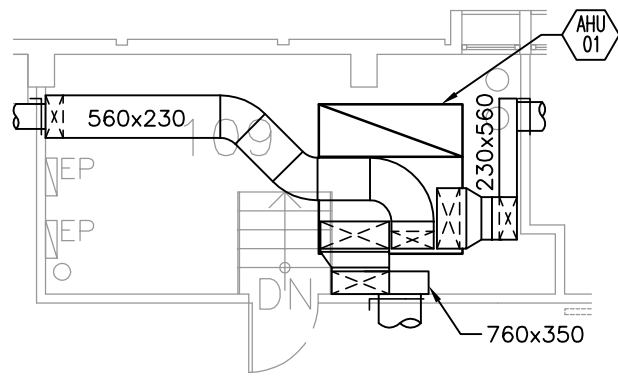
project no.

R.033222.001

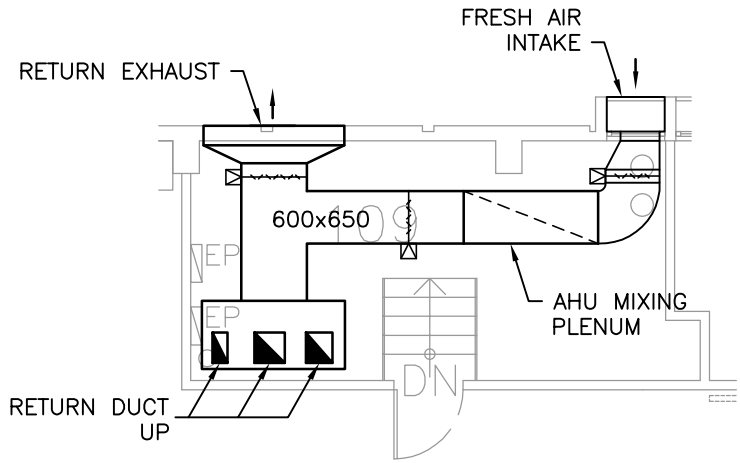
drawing no.

M401

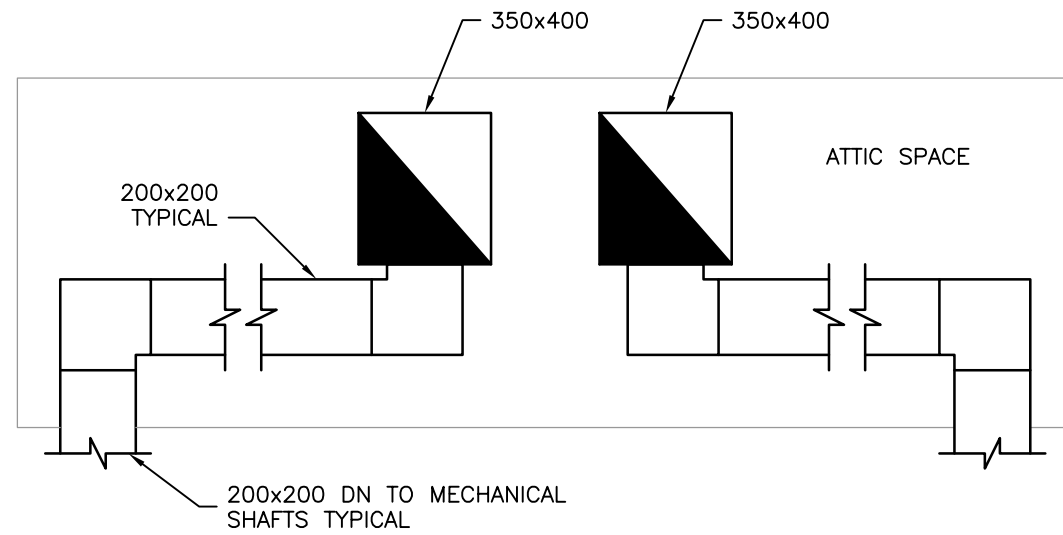
GSC-A1



3 BUILDING WW05 FLOOR 1 MECHANICAL ROOM LOWER LEVEL
SCALE: 1:100



4 BUILDING WW05 FLOOR 1 MECHANICAL ROOM UPPER LEVEL
SCALE: 1:100



A BRANCH CONNECTION DETAIL
SCALE: 1:20

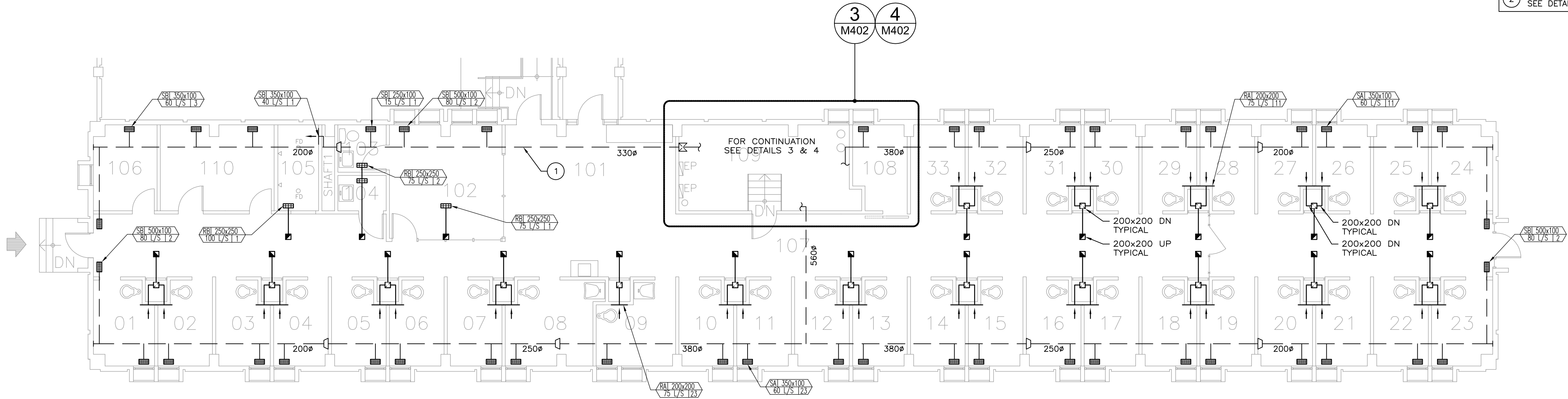
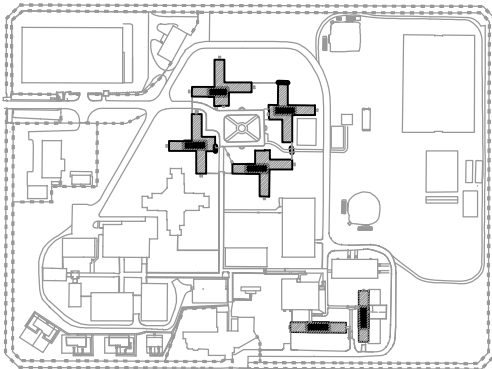
GENERAL NOTES

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.

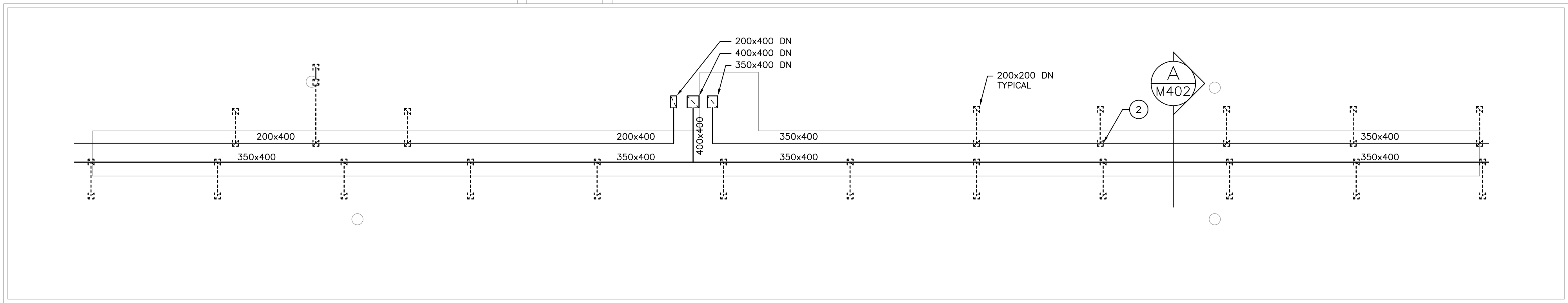
DRAWING NOTES

- 1 UNDERGROUND DUCTWORK ENCASED IN CONCRETE, TYPICAL.
- 2 BRANCH CONNECTION TAKEN OFF BOTTOM OF MAIN DUCT. SEE DETAIL.

Key Plan



1 BUILDING WW05 FLOOR 1 EXISTING HVAC LAYOUT
SCALE: 1:100



2 BUILDING WW05 ATTIC EXISTING HVAC LAYOUT
SCALE: 1:100

revision	description	date
02	ISSUED FOR TENDER	2014/01/09
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00	ISSUED FOR TENDER	2013/04/19
0B	ISSUED FOR 99% REVIEW	2013/03/27
0A	ISSUED FOR 66% REVIEW	2013/02/11

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CORRECTIONAL SERVICE CANADA
WARKWORTH INSTITUTION
15847 COUNTY ROAD 29
LIVING UNITS
DUCT CLEANING

drawing title
BUILDING WW05
FLOOR 1 AND ATTIC
EXISTING HVAC LAYOUT

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C. McGee / C. Rivard

designed by
C. Rivard

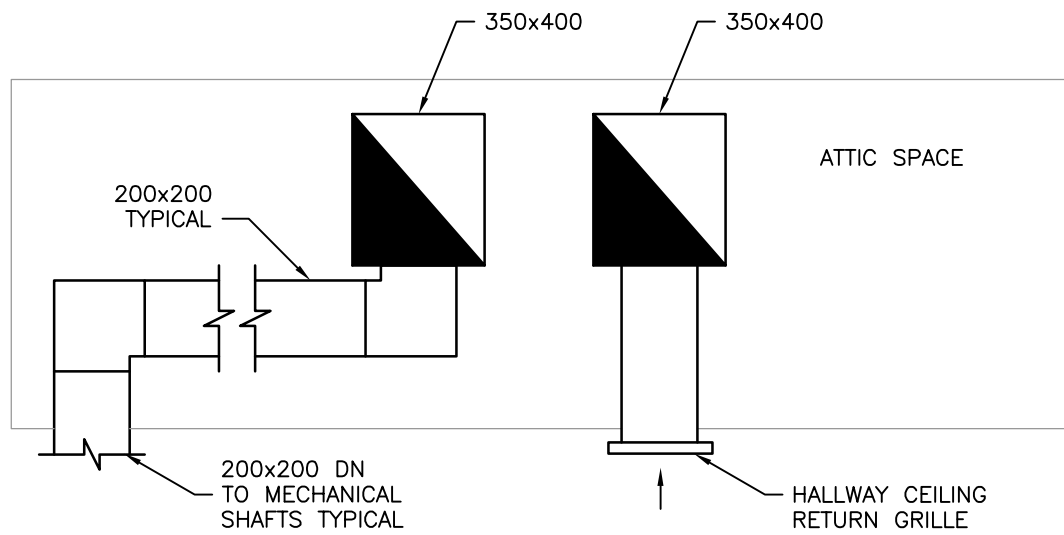
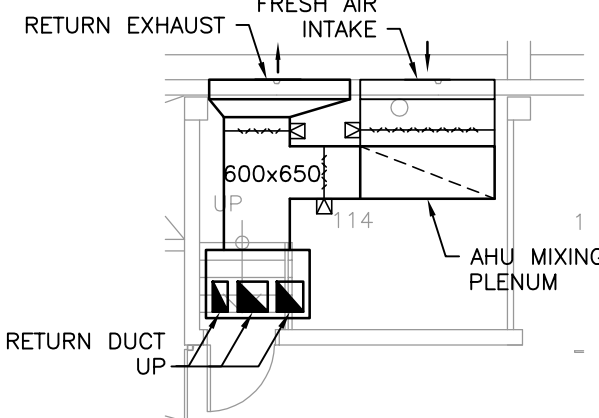
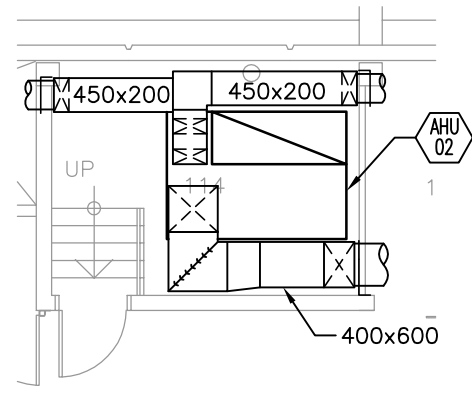
approved by
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R.033222.001

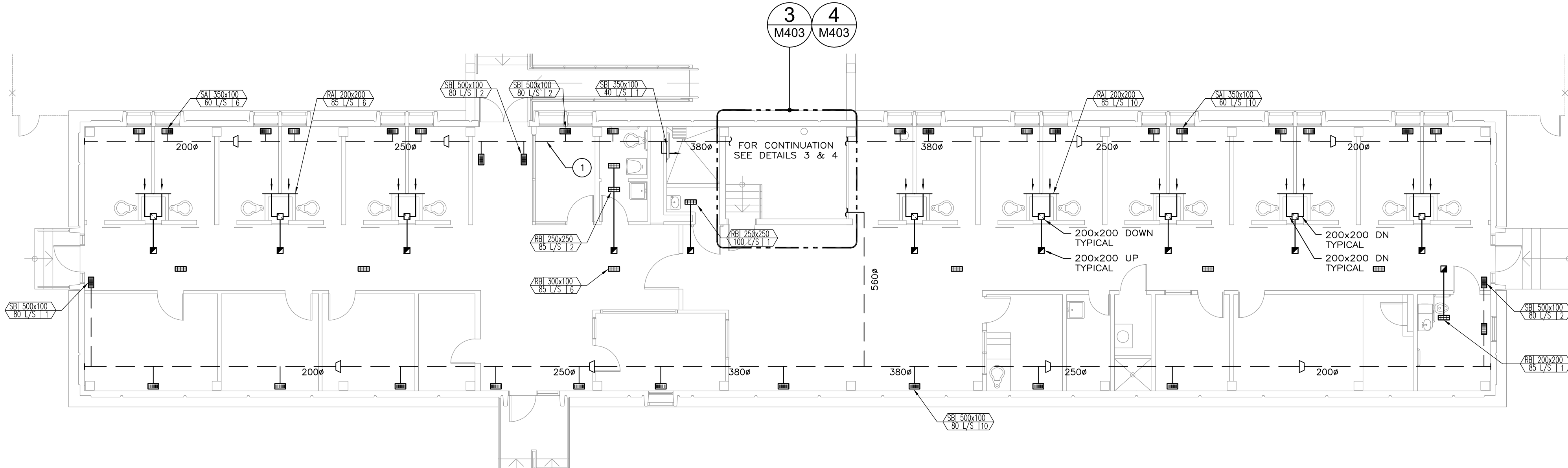
drawing no.
M402



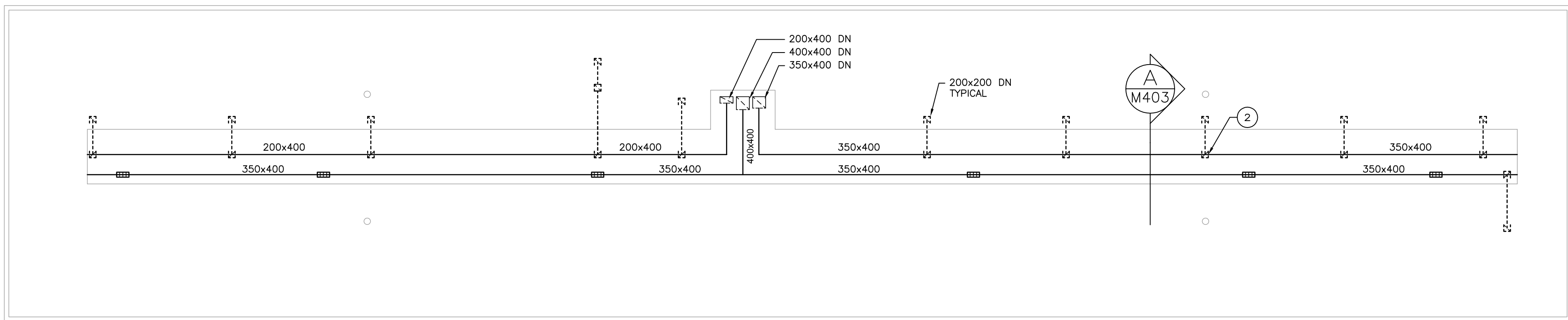
3 BUILDING WW06 FLOOR 1 MECHANICAL ROOM LOWER LEVEL
M403 SCALE: 1:100

4 BUILDING WW06 FLOOR 1 MECHANICAL ROOM UPPER LEVEL
M403 SCALE: 1:100

A BRANCH CONNECTION DETAIL
M403 SCALE: 1:20



1 BUILDING WW06 FLOOR 1 EXISTING HVAC LAYOUT
M403 SCALE: 1:100



2 BUILDING WW06 ATTIC EXISTING HVAC LAYOUT
M403 SCALE: 1:100

GENERAL NOTES

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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.

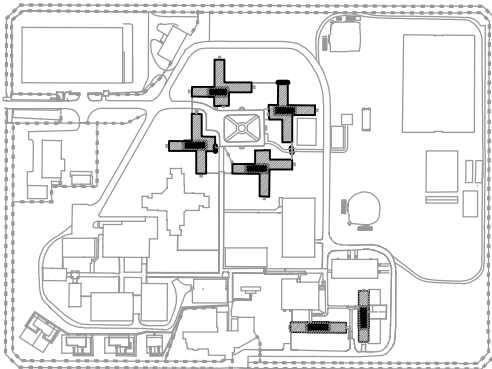
DRAWING NOTES

- 1 UNDERGROUND DUCTWORK ENCASED IN CONCRETE, TYPICAL.
- 2 BRANCH CONNECTION TAKEN OFF BOTTOM OF MAIN DUCT. SEE DETAIL.

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
02	ISSUED FOR TENDER	2014/01/09
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

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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
BUILDING WW06
FLOOR 1 AND ATTIC
EXISTING HVAC LAYOUT

drawn by
C. McGee / C. Rivard

designed by
C. Rivard

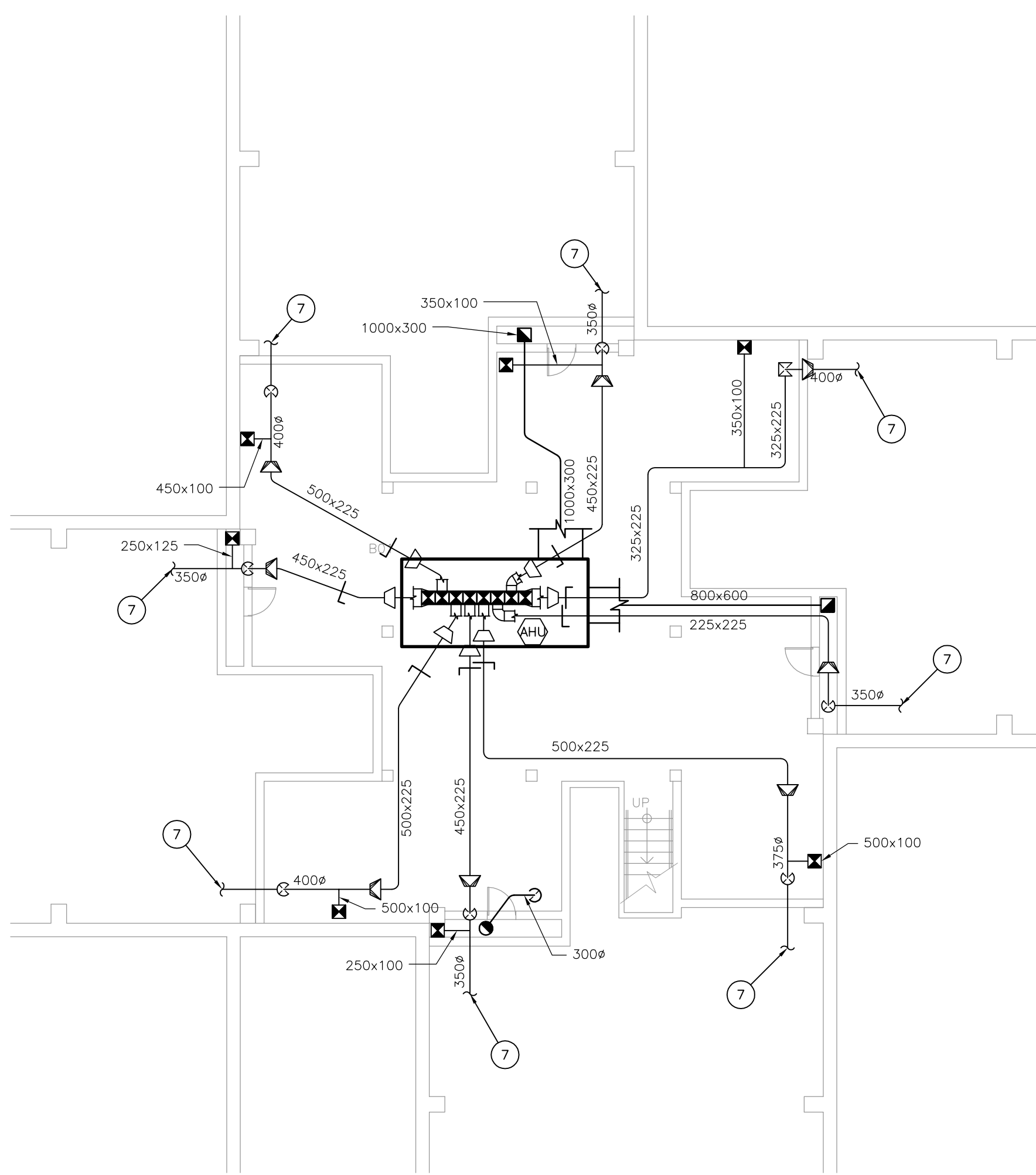
approved by
G.Lynch, P.Eng.

bid
O. Tabarez project manager

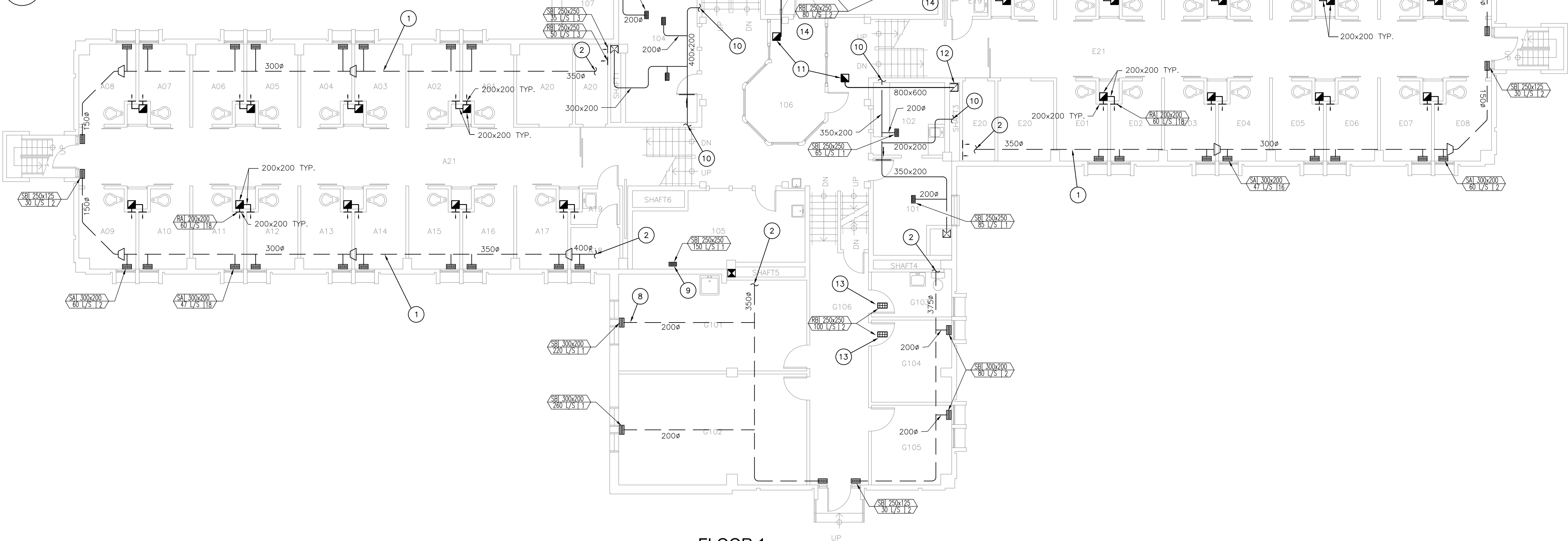
project date
2014-01-09

project no.
R.033222.001

drawing no.
M403



2 LOWER LEVEL MECHANICAL ROOM
EXISTING HVAC LAYOUT
SCALE: 1:100
M404



1 FLOOR 1
EXISTING HVAC LAYOUT
SCALE: 1:100
M404

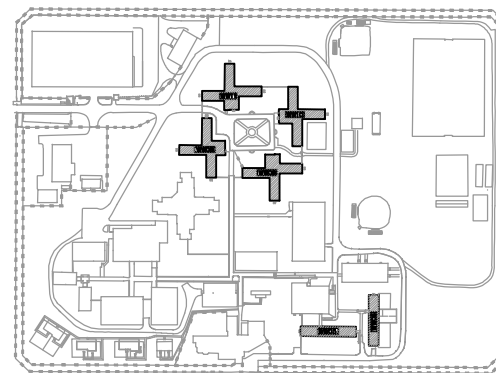
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4. REMOVE SUPPLY RETURN GRILLES WHILE CONNECTED DUCTWORK IS MAINTAINED UNDER NEGATIVE PRESSURE, THOROUGHLY CLEAN GRILLES AND RE-INSTALL USING FASTENING METHODS APPROVED BY DEPARTMENTAL REPRESENTATIVE.
5. FOR FLOOR SUPPLY GRILLE TYPE SA, CONTRACTOR 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 SUPPLY DUCT BENEATH FLOOR FROM BASEMENT MECHANICAL ROOM.
- 2 DUCTWORK FROM BASEMENT MECHANICAL ROOM. REFER TO M404, DETAIL 2 FOR CONTINUATION.
- 3 350x100mm SUPPLY DUCT UP FROM BENEATH FLOOR TO SUPPLY GRILLE WITHIN LIVING QUARTERS. TYPICAL FOR WINGS A, C, AND E.
- 4 500x100mm SUPPLY DUCT UP FROM BENEATH FLOOR TO SUPPLY GRILLE WITHIN ROOM C18. TYPICAL OF WINGS A, C, AND E.
- 5 200x200mm RETURN GRILLE FROM LIVING QUARTERS INTO MECHANICAL SHAFT. TYPICAL OF WINGS A, C, AND E.
- 6 250x100mm SUPPLY DUCT FROM BENEATH FLOOR TO SUPPLY GRILLE IN WING HALLWAY. TYPICAL OF WINGS A, C, AND E.
- 7 DUCTWORK TO BELOW 1ST FLOOR LIVING QUARTERS. REFER TO M404, DETAIL 1 FOR CONTINUATION.
- 8 DUCTWORK BENEATH FLOOR FEEDING WING G WITH SUPPLY GRILLES IN FLOOR.
- 9 SUPPLY GRILLE IN FLOOR FED FROM BASEMENT MECHANICAL ROOM BRANCH DUCTWORK.
- 10 SUPPLY DUCT THROUGH WALL INTO FINISHED CEILING. ROUTING UNKNOWN.
- 11 RETURN MIXED AIR DUCT FROM UPPER MECHANICAL ROOM. REFER TO M406 FOR CONTINUATION.
- 12 RETURN MIXED AIR DUCT TO LOWER MECHANICAL ROOM. REFER TO M404, DETAIL 2 FOR CONTINUATION.
- 13 TRANSFER GRILLE IN CEILING.
- 14 RETURN GRILLE IN CEILING.

Key Plan



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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

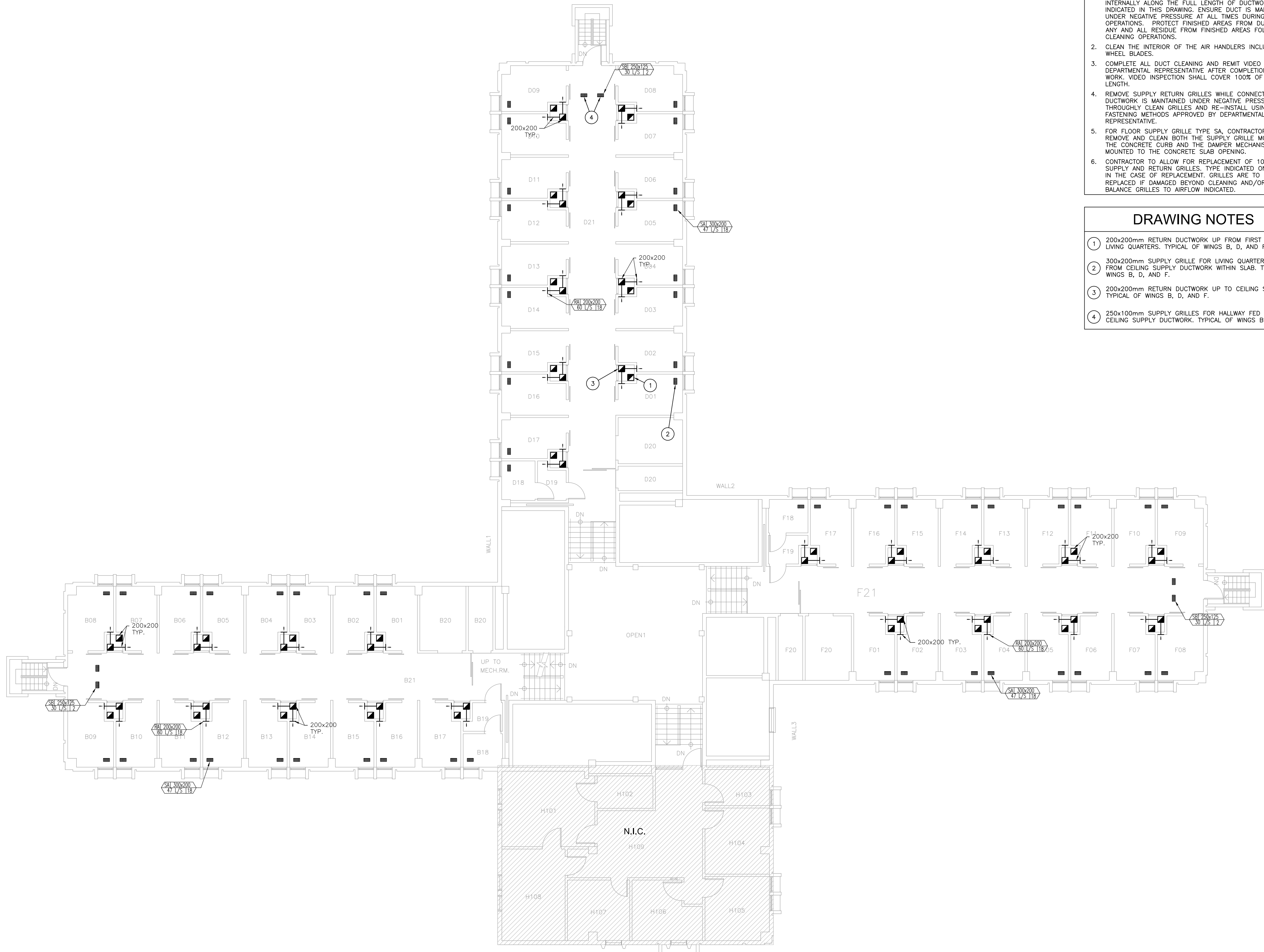
approved by
G. Lynch, P.Eng.

bid
O. Tabarez project manager

project date
2014-01-09

project no.
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drawing no.
M404



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DRAWING NOTES

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- 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.



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Ontario Region

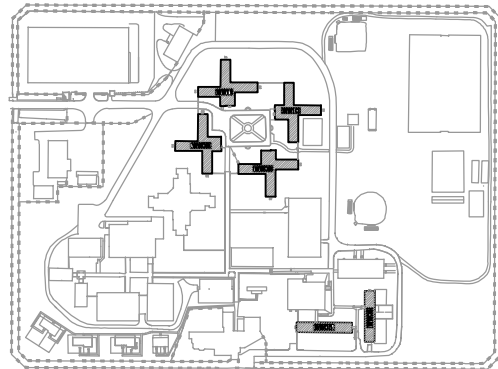
Travaux publics et
Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario

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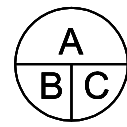
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CORRECTIONAL SERVICE CANADA
WARKWORTH INSTITUTION
15847 COUNTY ROAD 29
LIVING UNITS
DUCT CLEANING

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
G.Lynch, P.Eng.

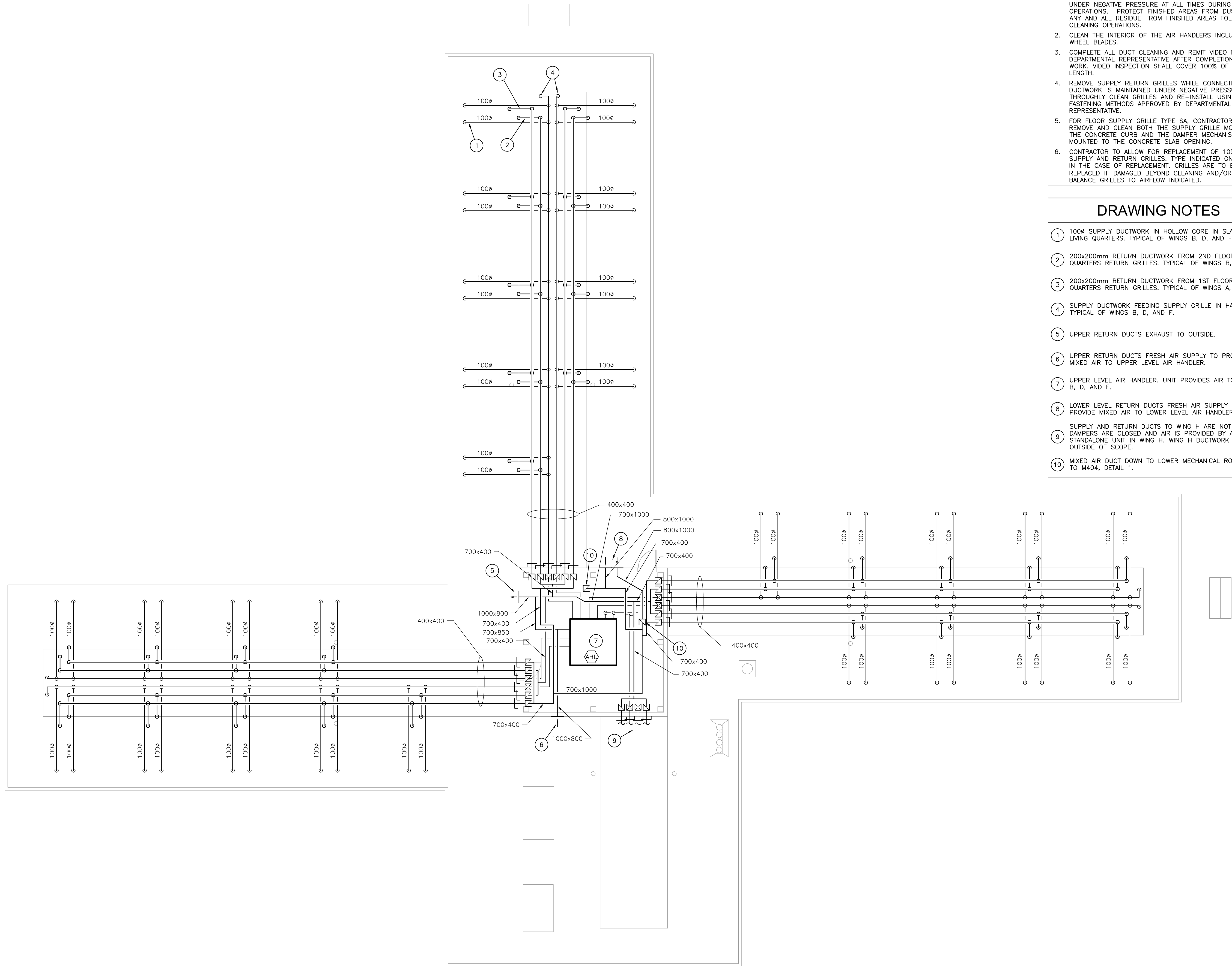
bid
O. Tabarez project manager

project date
2014-01-09

project no.
R.033222.001

drawing no.
M405

1
FLOOR 2
EXISTING HVAC LAYOUT
SCALE: 1:100



1 UPPER MECHANICAL ROOM & ATTIC SPACES
M406 EXISTING HVAC LAYOUT
SCALE: 1:100

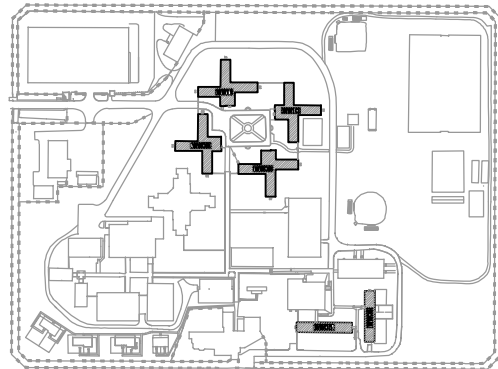
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DRAWING NOTES

- 1 100mm 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.

Key Plan



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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
G.Lynch, P.Eng.

bid
O. Tabarez project manager

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