

NRC MONTREAL ROAD CAMPUS BUILDINGS M2 & M59 WASHROOMS RENOVATION

1200 MONTREAL ROAD, OTTAWA
MECHANICAL



Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

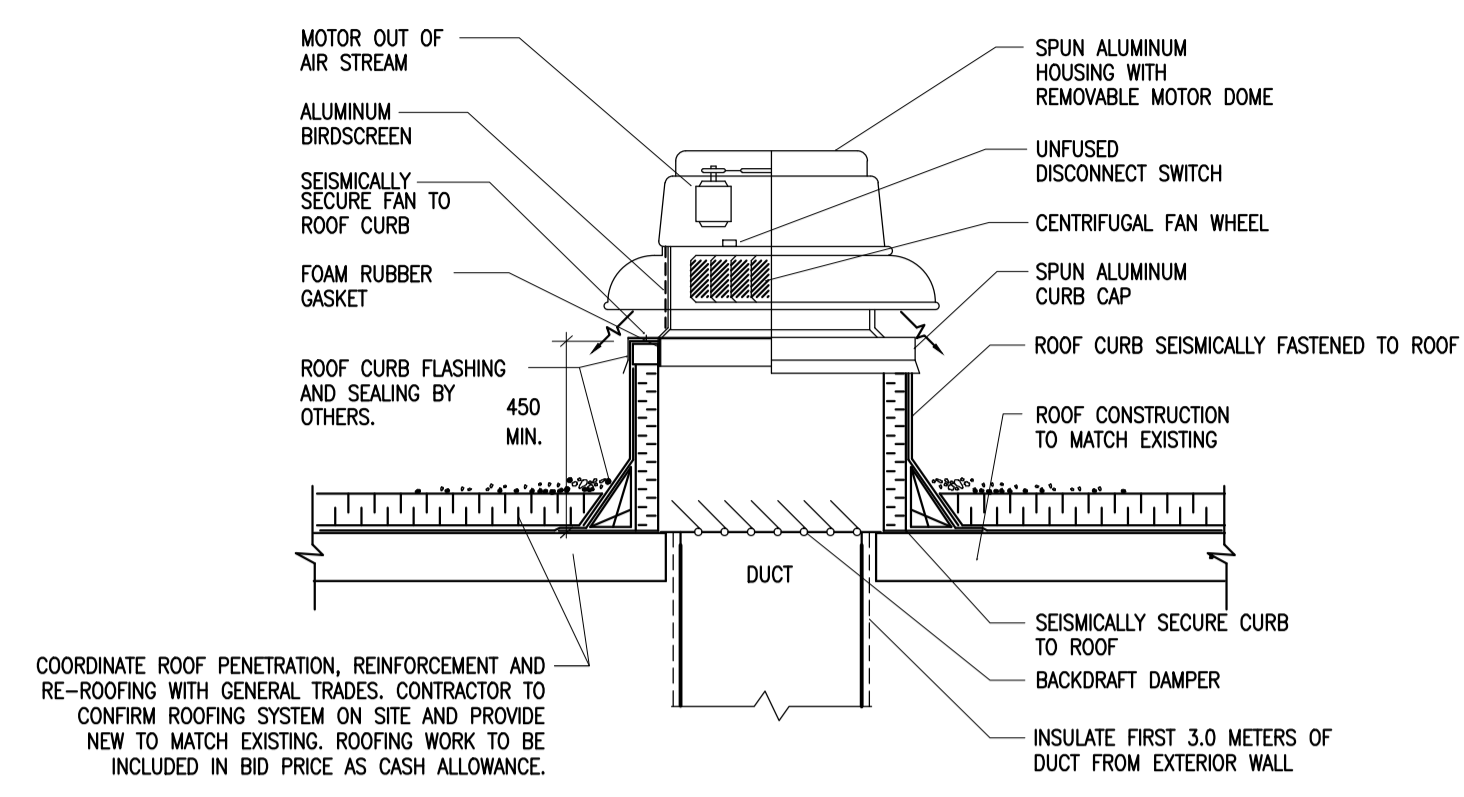
DRAWING LIST	
SYMBOL	DESCRIPTION
M0.1	MECHANICAL DRAWING LIST, LEGENDS & SCHEDULE
M1.1	M2 - GROUND FLOOR W/R 124 MECHANICAL WORK
M2.1	M59 - GROUND FLOOR W/R 115/104 MECHANICAL WORK
M2.2	M59 - GROUND FLOOR W/R 128/129 MECHANICAL WORK

GENERAL LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING PIPING/DUCTWORK/EQUIPMENT
----	EXISTING PIPING/DUCTWORK/EQUIPMENT TO BE REMOVED/RELOCATED
---	NEW/RELOCATED PIPING/DUCTWORK/EQUIPMENT
(E)	DENOTES EXISTING EQUIPMENT
(R)	DENOTES RELOCATED EQUIPMENT
(N)	DENOTES NEW EQUIPMENT
(X)	DENOTES EXISTING TO BE REMOVED

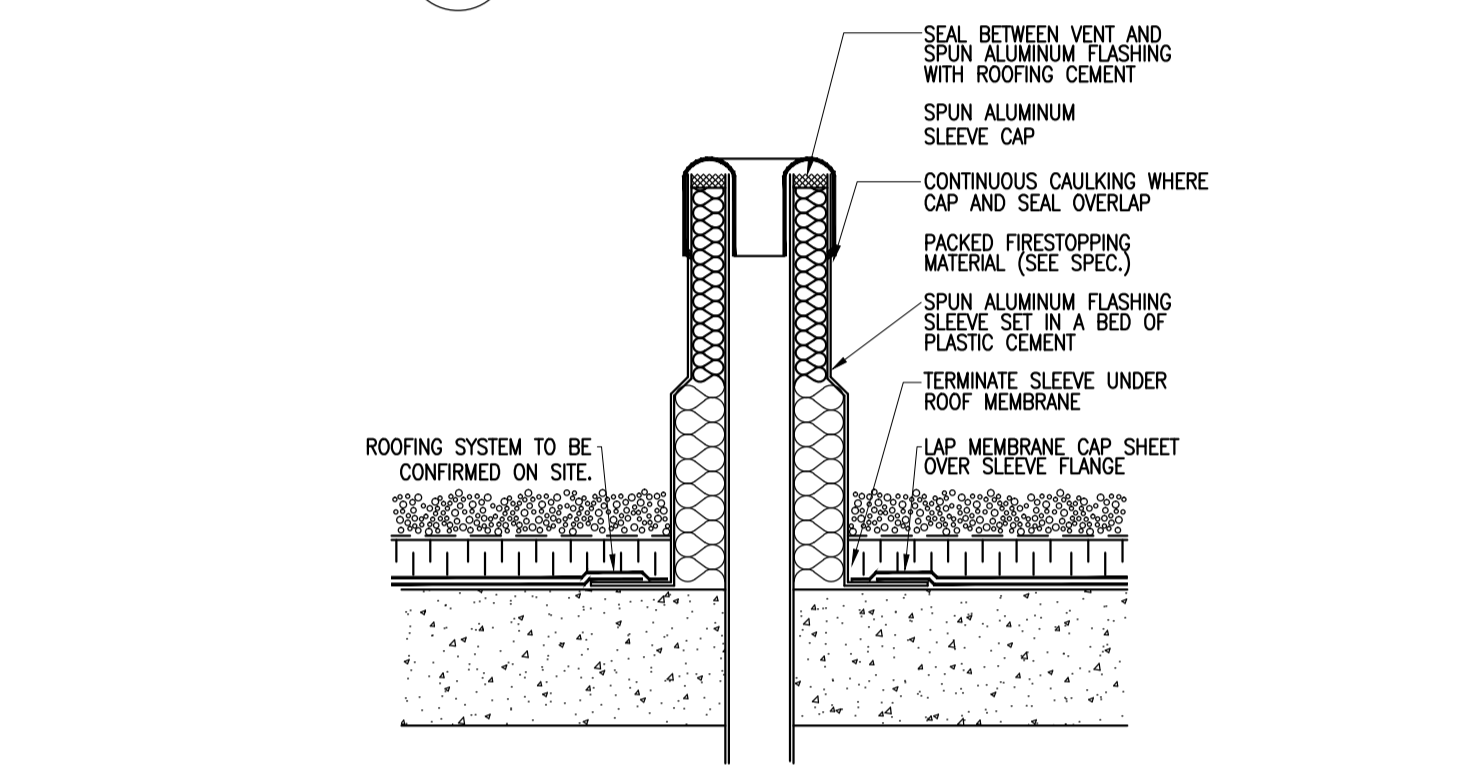
PLUMBING LEGEND	
SYMBOL	DESCRIPTION
---	PIPING BELOW GRADE/SLAB
---	DOMESTIC COLD WATER PIPING
---	DOMESTIC HOT WATER PIPING
---	SANITARY PIPING
---	VENT PIPING
---	PIPING OFFSET
---	BRANCH PIPING DOWN
---	PIPING DOWN
---	PIPING UP
⊔	CAP
⊔	P-TRAP
---	CLEAN OUT
⊔	ISOLATION VALVES
---	HOSE BIBB
⊔	FLOOR DRAIN
⊔	PETE'S PLUG (PRESSURE & TEMPERATURE TEST PORT)

HVAC LEGEND	
SYMBOL	DESCRIPTION
---	RECTANGULAR DUCTWORK
---	ROUND DUCTWORK
---	ACOUSTICALLY LINED DUCTWORK (RETURN OR SUPPLY)
---	TRANSFER DUCT (TD)
---	ROUND DUCTWORK OFFSET
---	RECTANGULAR DUCTWORK OFFSET
---	DUCTWORK UP
---	DUCTWORK DOWN
---	RECTANGULAR TO ROUND TRANSITION
---	TAKE-OFF
---	EXHAUST GRILLE (EG)
---	TRANSFER GRILLE (EG)
---	GRILLE TAG GRILLE TYPE AIRFLOW (L/S) SIZE (mm)
---	RADIANT PANEL (RP)
---	HEAT RADIATION TAG TYPE CAPACITY (kW) FLOW RATE (GPM) ENCLOSURE LENGTH (mm)

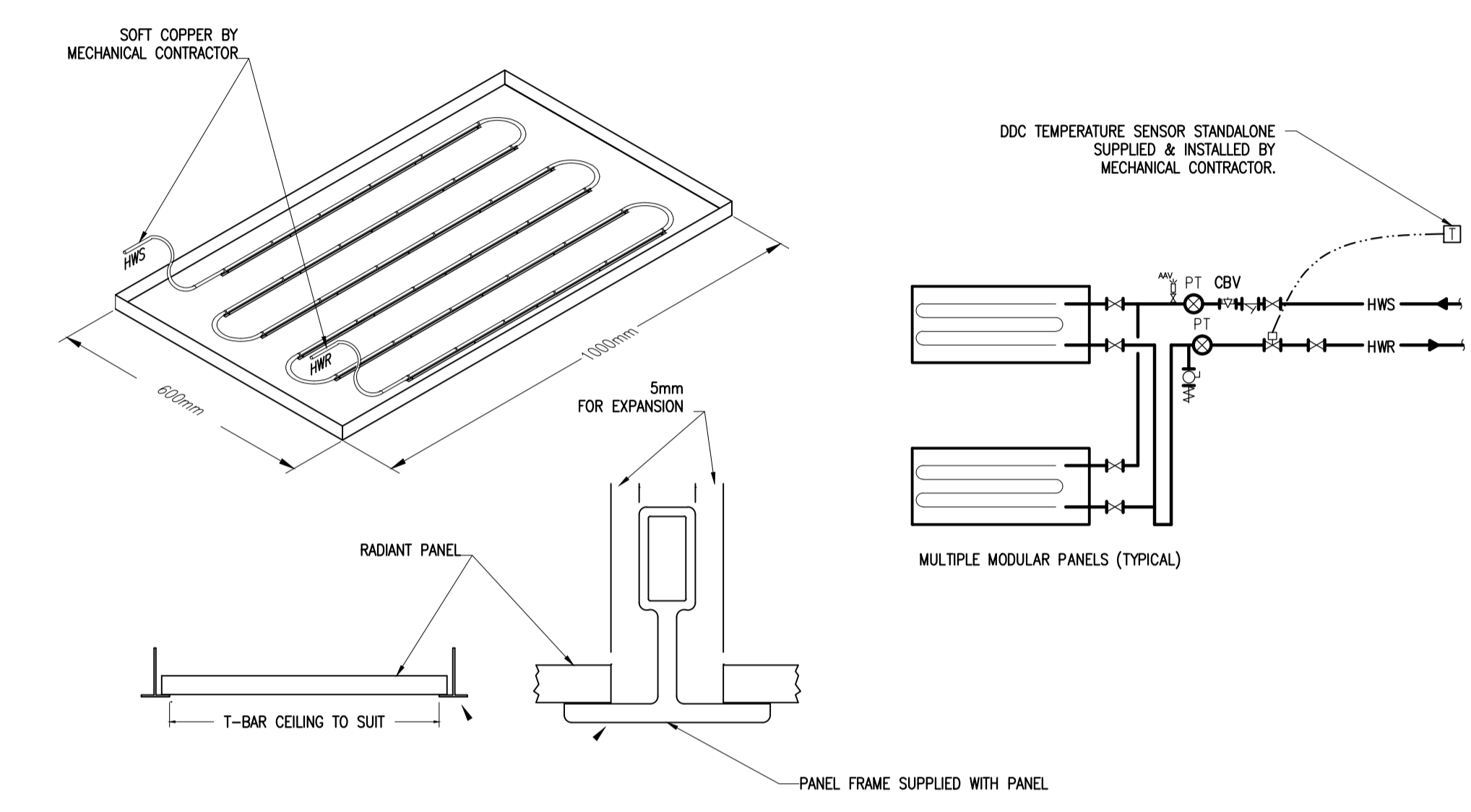
CONTROLS LEGEND	
SYMBOL	DESCRIPTION
---	CONTROL WIRING
⊔	THERMOSTAT - DDC (LOW VOLTAGE)
⊔	THERMOSTAT - PNEUMATIC



1 M0.1 N.T.S.
ROOF MOUNTED DOWNBLAST EXHAUST FAN



2 M0.1 N.T.S.
PLUMBING ROOF VENT



3 M0.1 N.T.S.
HYDRONIC RADIANT CEILING PANEL DETAIL (RP)

IMPORTANT NOTE: EXISTING PLASTER CEILINGS AND WALLS ARE TYPICAL PIPE INSULATION ABOVE PLASTER CEILINGS ARE CONSIDERED ASBESTOS CONTAINING. A PRE-CONSTRUCTION ABATEMENT PROGRAM IS BEING CARRIED OUT TO CLEAR AREA OF POTENTIAL CONTAMINATED MATERIALS. PLUMBING WORK CURRENTLY CONCEALED BEHIND PLASTER CEILINGS WILL BE EXPOSED FOR MODIFICATIONS.

FAN SCHEDULE													
UNIT NO.	ID. NO.	LOCATION	FUNCTION	TYPE	DRIVE (BELT/DIRECT)	FAN DATA				ELECTRICAL DATA		BASIS OF DESIGN	REMARKS
						AIR FLOW (L/s)	ESP (Pa)	FAN SPEED (RPM)	SONES	V/Ph/Hz	MOTOR (HP)		
EF1	02XAF18	M2-ROOF	EXHAUST FAN	DOWNBLAST	DIRECT	108	187	1725	6.7	120/1/60	1/4	GREENHECK G-103HP-VG	C/W ECM MOTOR, BACKDRAFT DAMPER, PRE-WIRED VARI-GREEN CONTROLLER
EF2	59XAF29	M59-ROOF	EXHAUST FAN	DOWNBLAST	DIRECT	230	250	1500	10.1	120/1/60	1/4	GREENHECK G-143HP-VG	C/W ECM MOTOR, BACKDRAFT DAMPER, PRE-WIRED VARI-GREEN CONTROLLER
TF1	TBC	M59-RM105	TRANSFER FAN	INLINE CABINET	DIRECT	130	25	1070	0.3	120/1/60	1/6	GREENHECK CSP-A510-VG	C/W ECM MOTOR, PRE-WIRED VARI-GREEN CONTROLLER

NOTES: 1. FOR DETAILS REFER TO SPECIFICATIONS.
2. DISCONNECT SWITCH BY DIV. 16.

PLUMBING FIXTURES							
PRODUCT TAG NO	FIXTURE TYPE	LOCATION	MANUFACTURER	MODEL	COLOUR	TRIM MANUFACTURER & MODEL	ACCESSORIES
L1	BARRIER FREE WALL HUNG LAVATORY	AS INDICATED	AMERICAN STANDARD	0954 004EC + 0062.000EC	WHITE	FAUCET: AMERICAN STANDARD ELECTRONIC 6055.202, BATTERY POWERED	ANTI-SCALD MIXING VALVE (605XTM), FLOOR MOUNT WALL CARRIER, SHROUD/KNEE CONTACT GUARD, P-TRAP W/ CLEAN-OUT
WC1	BARRIER FREE FLOOR MOUNT WATER CLOSET	AS INDICATED	AMERICAN STANDARD	3483.001	WHITE	TANK TYPE	ELONGATED BOWL HEAVY DUTY, OPEN FRONT, LESS COVER - CENTOCO 500STSCC
WC2	BARRIER FREE FLOOR MOUNT WATER CLOSET	AS INDICATED	AMERICAN STANDARD	3451 001	WHITE	FLUSH VALVE: AMERICAN STANDARD 6047.161.002 TOP OF BOWL	HEAVY DUTY, OPEN FRONT, LESS COVER - CENTOCO 500STSCC
U1	BARRIER FREE URINAL	AS INDICATED	AMERICAN STANDARD	6590 001	WHITE	AMERICAN STANDARD SELECTRONIC URINAL FLUSH VALVE 6063.101.002, TOP SPUD, BATTERY POWERED	WATTS CA-321 FIXTURE CARRIER, WALL ACCESS CLEANOUT
SH1	SHOWER	AS INDICATED	DELTA	-	-	DELTA T17TH135 R10000-UNWS	THERMOSTATIC MIXING VALVE, SHOWER DRAIN - WATTS WSD-2-THD
SH2	BARRIER FREE SHOWER	AS INDICATED	DELTA	-	-	DELTA T17TH155-R10000-UNWS	BARRIER FREE HAND SHOWER WITH ADA GRAB BAR (610mm), CHROME PLATED FINISH, THERMOSTATIC MIXING VALVE, TEMPERATURE CONTROLLED WITH ADA COMPLIANT METAL LEVER HANDLE, MIXING VALVE, SHOWER DRAIN - WATTS WSD-2-THD, STATIONARY SHOWER HEAD - DELTA RP41589, DIVERTING VALVE DELTA T11800
FD1	FLOOR DRAIN	AS INDICATED	WATTS	FD-200-FC	-	-	EPOXY COATED CAST IRON FLOOR DRAIN WITH SURFACE MEMBRANE CLAMP, ROUND NICKEL BRONZE STAINLESS STEEL STRAINER

NOTES: 1. COORDINATE EXACT PIPING LOCATION ON SITE AND WITH ARCHITECTURAL DOCUMENTS.
2. VENT TO MEET OBC REQUIREMENTS. VENTING THROUGH SLOPED ROOFS NOT PERMITTED.
3. MANUFACTURER NAME & MODEL NUMBER REPRESENT ACCEPTABLE QUALITY STANDARD ONLY. ALTERNATIVE MATERIALS MAY BE APPROVED AFTER REVIEW OF TECHNICAL INFORMATION BY ENGINEER DURING TENDER AND APPROVED VIA ADDENDUM.
4. MINIMUM UNDERGROUND SANITARY PIPING SIZE TO BE 500. ALL SANITARY PIPING TO BE INSTALLED TO MAXIMIZE PIPE SLOPE. CAREFUL ATTENTION SHALL BE MADE WHILE JOINING PIPE SECTIONS AND FITTINGS TO ENSURE INTERIOR OF PIPE IS SMOOTH AND WILL PREVENT UNACCEPTABLE AMOUNT OF CLOGS DUE TO HAIR BUILD UP.
5. REFER TO ARCHITECTURAL DRAWINGS FOR BARRIER FREE INSTALLATION LOCATIONS. INSTALL FIXTURES IN ACCORDANCE WITH OBC BARRIER FREE REQUIREMENTS WHERE APPLICABLE.

9		
8		
7		
6		
5		
4		
3		
2		
1	ISSUED FOR TENDER	2017/05/16
revisions	description	date

A A detail no.
C no. du detail
B B location drawing no.
C sur dessin no.
C C drawing no.
B C dessin no.

project projet

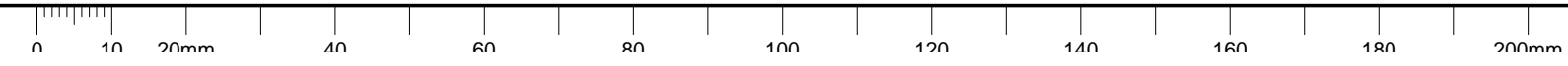
NRC BUILDINGS M2 & M59 WASHROOMS RENOVATION - PHASE 2

1200 MONTREAL ROAD, OTTAWA

drawing dessin

MECHANICAL DRAWING LIST, LEGENDS & SCHEDULES

Designed By	S.VALLIER	Conçu par	
Date	2016-04-13	(yyyy/mm/dd)	
Drawn By	S.VALLIER	Dessiné par	
Date	2016-04-13	(yyyy/mm/dd)	
Reviewed By	R.LEONARD	Examiné par	
Date	2016-04-13	(yyyy/mm/dd)	
Approved By	R.LEONARD	Approuvé par	
Date	2016-04-13	(yyyy/mm/dd)	
Tender		Soumission	
Project Manager		Administrateur de projets	
W.O. no.	5378 & 5379	D.T. no.	
Drawing no.	M0.1	No. du dessin	





Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

9		
8		
7		
6		
5		
4		
3		
2		
1	ISSUED FOR TENDER	2017/05/16

revisions	description	date

A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

project / projet
NRC BUILDINGS M2 & M59 WASHROOMS RENOVATION - PHASE 2

1200 MONTREAL ROAD, OTTAWA

drawing / dessin
M2 - GROUND FLOOR W/R 124 MECHANICAL WORK

Designed By / Conçu par
 S.VALLIER / 2016-04-13 (yyyy/mm/dd)

Drawn By / Dessiné par
 S.VALLIER / 2016-04-13 (yyyy/mm/dd)

Reviewed By / Examiné par
 R.LEONARD / 2016-04-13 (yyyy/mm/dd)

Approved By / Approuvé par
 R.LEONARD / 2016-04-13 (yyyy/mm/dd)

Tender / Soumission

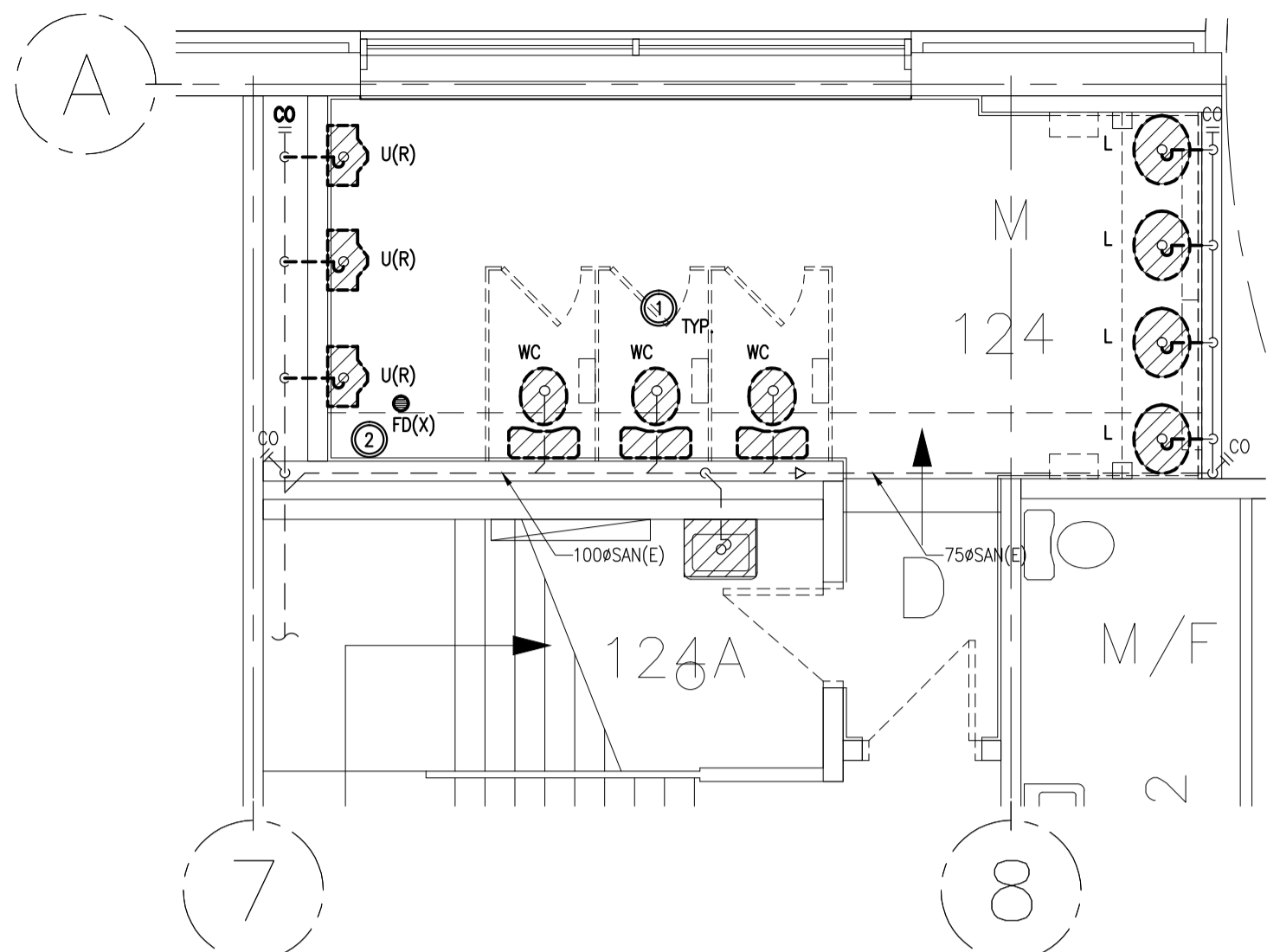
Project Manager / Administrateur de projets

W.O. no. / D.T. no.

5378 & 5379

Drawing no. / No. du dessin

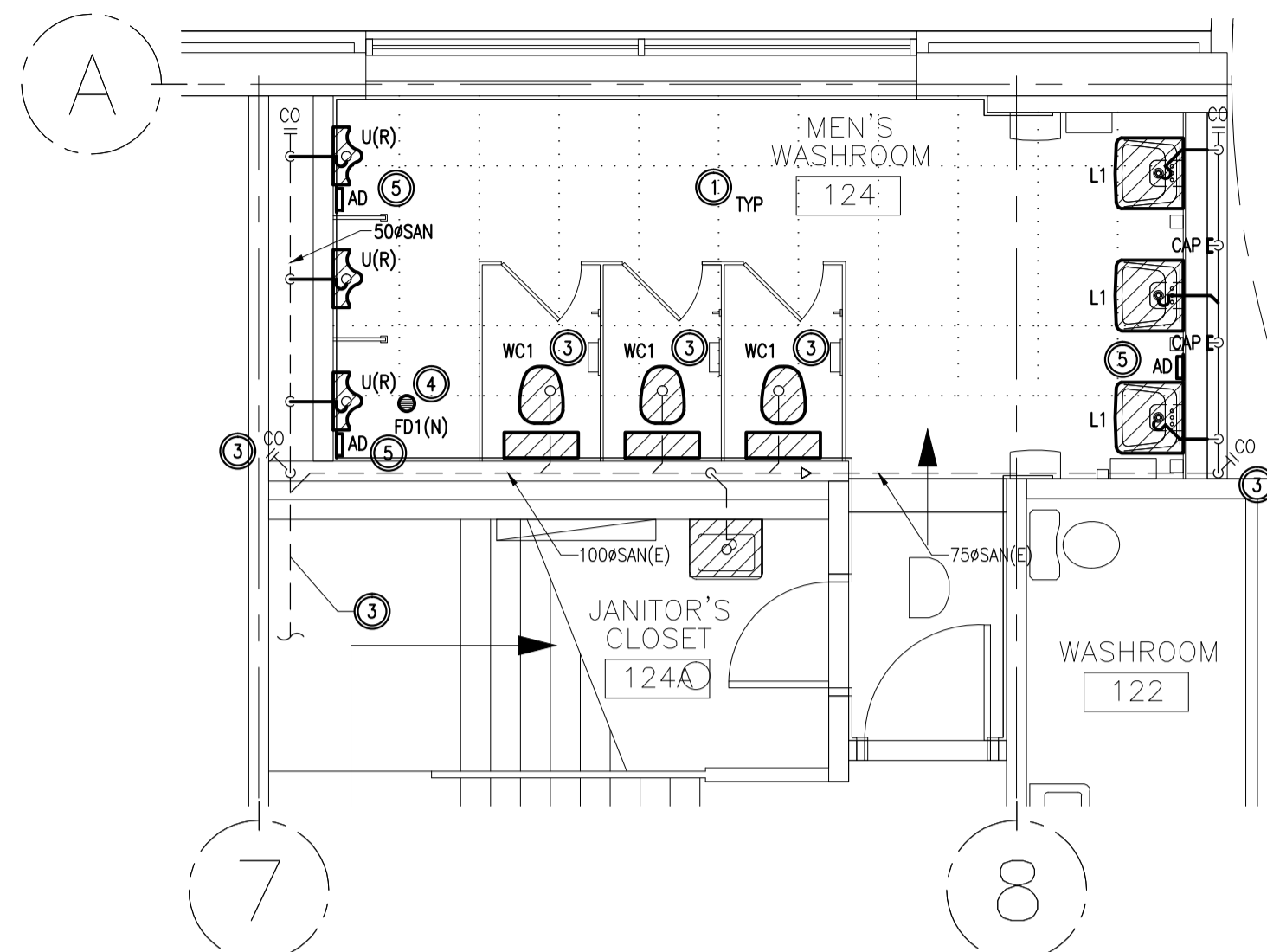
M1.1



1
 M1.1 1:50
 M2 - GROUND FLOOR WASHROOM 124
 PLUMBING DEMOLITION WORK

DRAWING NOTES - PLUMBING DEMOLITION

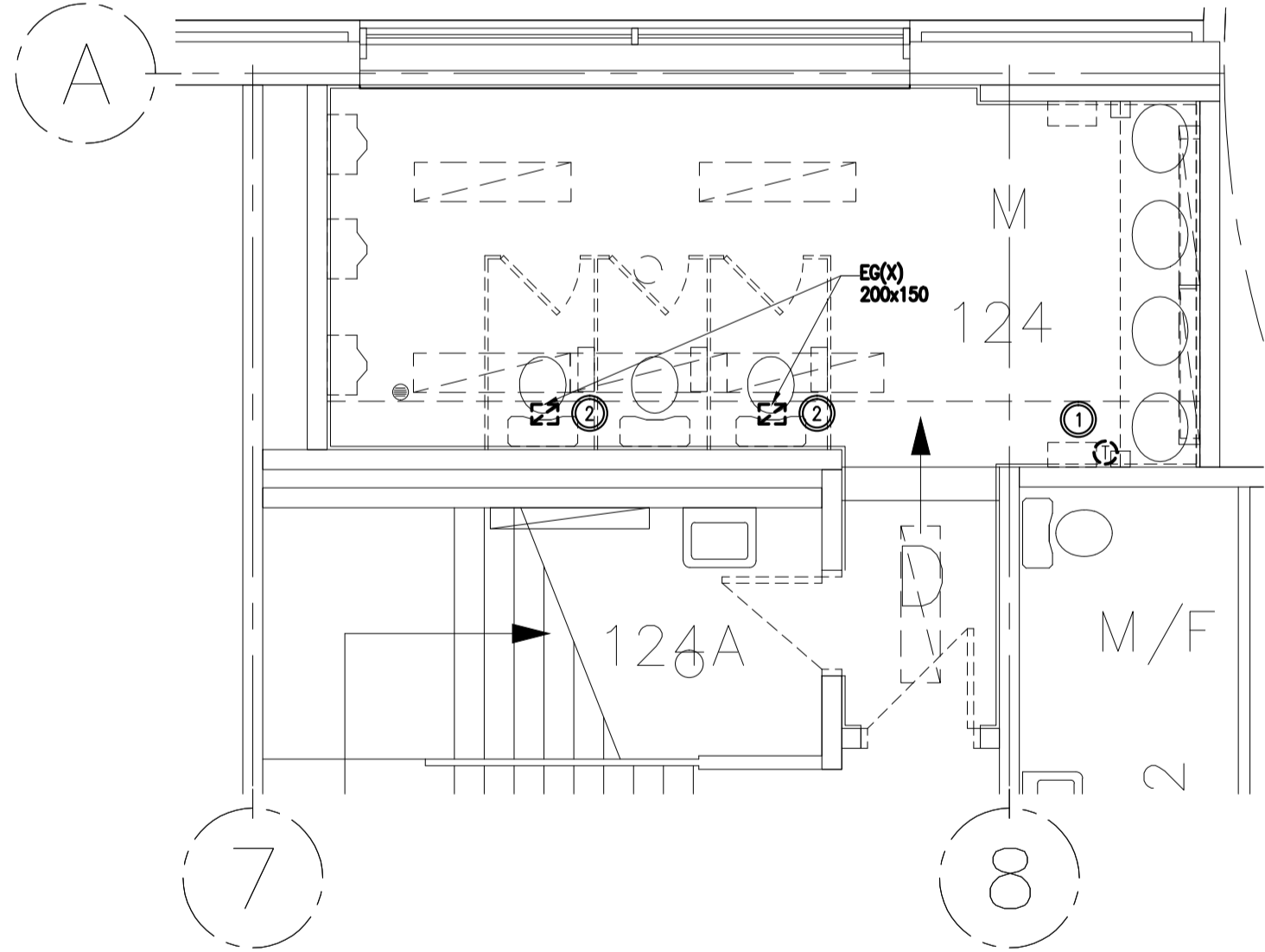
- REMOVE EXISTING PLUMBING FIXTURES AS INDICATED C/W ALL ASSOCIATED ACCESSORIES. TEMPORARILY CAP DOW, DHW, & SAN FOR FUTURE USE. CAP LEFTOVER PIPES FLUSH WITH FLOOR.
- CAREFULLY CHIP AROUND EXISTING FLOOR DRAIN TO REMOVE EXISTING DRAIN BODY AS INDICATED. TEMPORARILY CAP SAN PIPE FOR USE IN NEW LAYOUT.



2
 M1.1 1:50
 M2 - GROUND FLOOR WASHROOM 124
 PLUMBING NEW WORK

DRAWING NOTES - PLUMBING NEW WORK

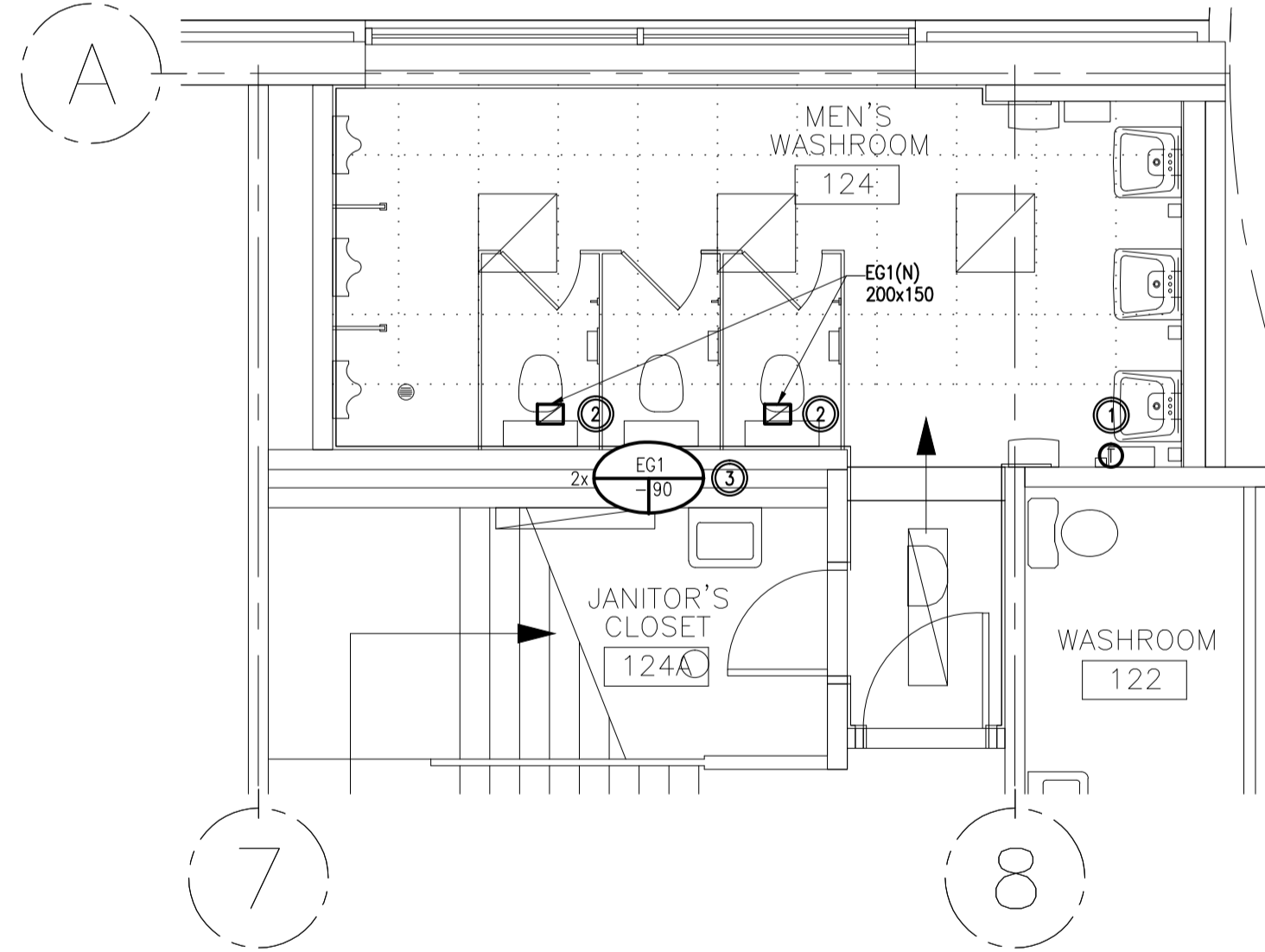
- PROVIDE NEW PLUMBING FIXTURES AS INDICATED C/W ALL ASSOCIATED ACCESSORIES. MODIFY EXISTING PLUMBING SERVICES AS REQUIRED. CAP UNUSED PIPES AS INDICATED.
- PROVIDE NEW SAN PIPING AS INDICATED.
- EXISTING BELOW SLAB SANITARY PIPING TO BE FLUSHED, AUGURED, AND VIDEO SCANNED. FLUSH AND CLEAN EACH WATER CLOSET BRANCH AND AT MAIN CLEANOUTS (TYPICAL OF 2).
- PROVIDE NEW FLOOR DRAIN (FD1) AS INDICATED AND CONNECT TO EXISTING TRAP SEAL PRIMER AND SAN CONNECTION. ENSURE DRAIN IS SET TO ACCOMMODATE NEW FLOOR COVERING.
- PROVIDE NEW 300x300 ACCESS DOORS (AD) AS INDICATED.
- ALL PIPING TO BE LABELED AS PER NRC STANDARDS.



3
 M1.1 1:50
 M2 - GROUND FLOOR WASHROOM 124
 HVAC DEMOLITION WORK

DRAWING NOTES - HVAC DEMOLITION

- REMOVE EXISTING PNEUMATIC THERMOSTAT AS INDICATED AND TEMPORARILY CAP PNEUMATICS. RETAIN FOR REUSE IN NEW LAYOUT.
- REMOVE EXISTING EXHAUST GRILLES AS INDICATED. TEMPORARILY CAP EXHAUST DUCTWORK.



4
 M1.1 1:50
 M2 - GROUND FLOOR WASHROOM 124
 HVAC NEW WORK

DRAWING NOTES - HVAC NEW WORK

- REINSTATE EXISTING PNEUMATIC THERMOSTAT AS INDICATED FOLLOWING WALL REFINISHING.
- PROVIDE NEW EXHAUST GRILLES (EG1) AS INDICATED. CONNECT INTO EXISTING EXHAUST DUCTS.
- BALANCE EXHAUST GRILLES TO AIRFLOWS INDICATED. SUBMIT BALANCING REPORT FOR ENGINEERS REVIEW.



Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

9		
8		
7		
6		
5		
4		
3		
2		
1	ISSUED FOR TENDER	2017/05/16

revisions	description	date
-----------	-------------	------

A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

project projet

NRC BUILDINGS M2 & M59 WASHROOMS RENOVATION - PHASE 2

1200 MONTREAL ROAD, OTTAWA

drawing dessin

M59 - GROUND FLOOR W/R 115/104 MECHANICAL WORK

Designed By S.VALLIER
 Date 2016-04-13

Drawn By S.VALLIER
 Date 2016-04-13

Reviewed By R.LEONARD
 Date 2016-04-13

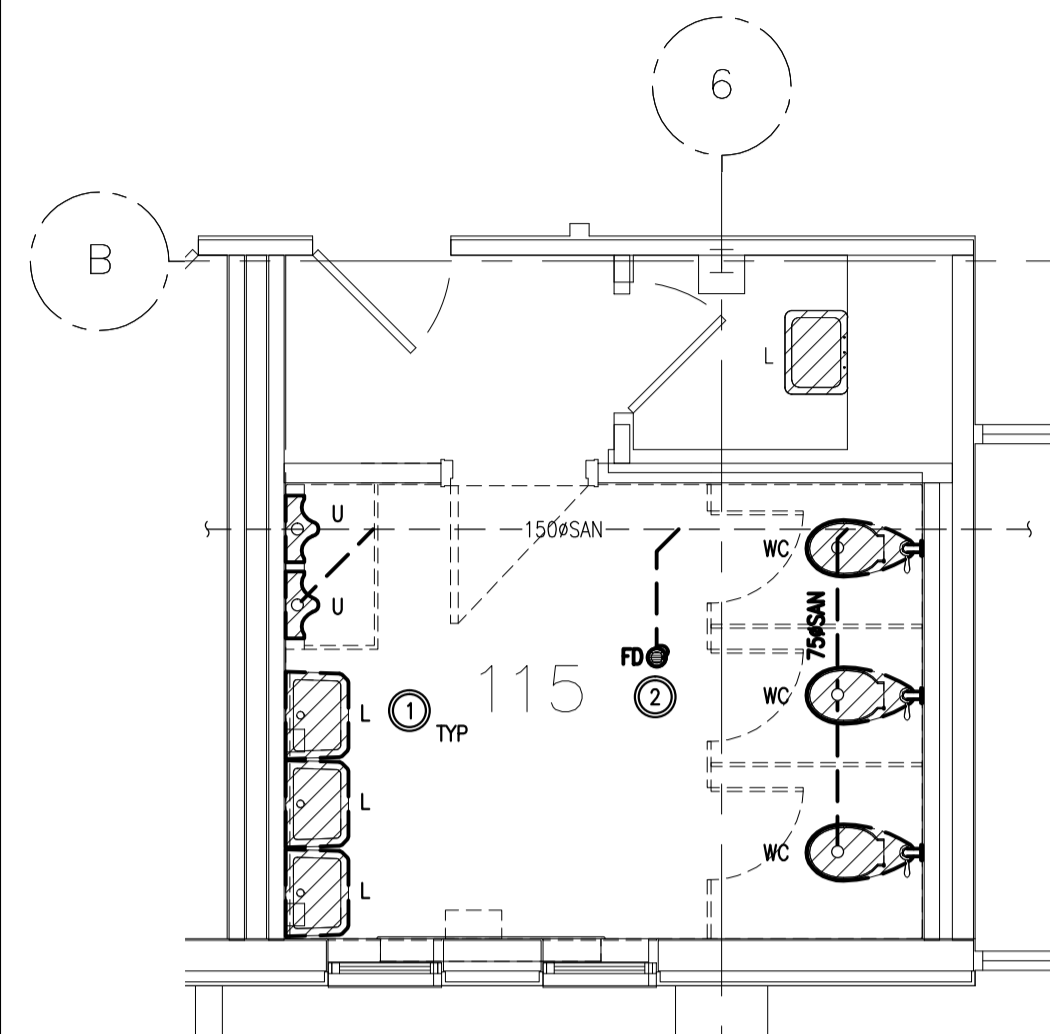
Approved By R.LEONARD
 Date 2016-04-13

Tender Soumission

Project Manager Administrateur de projets

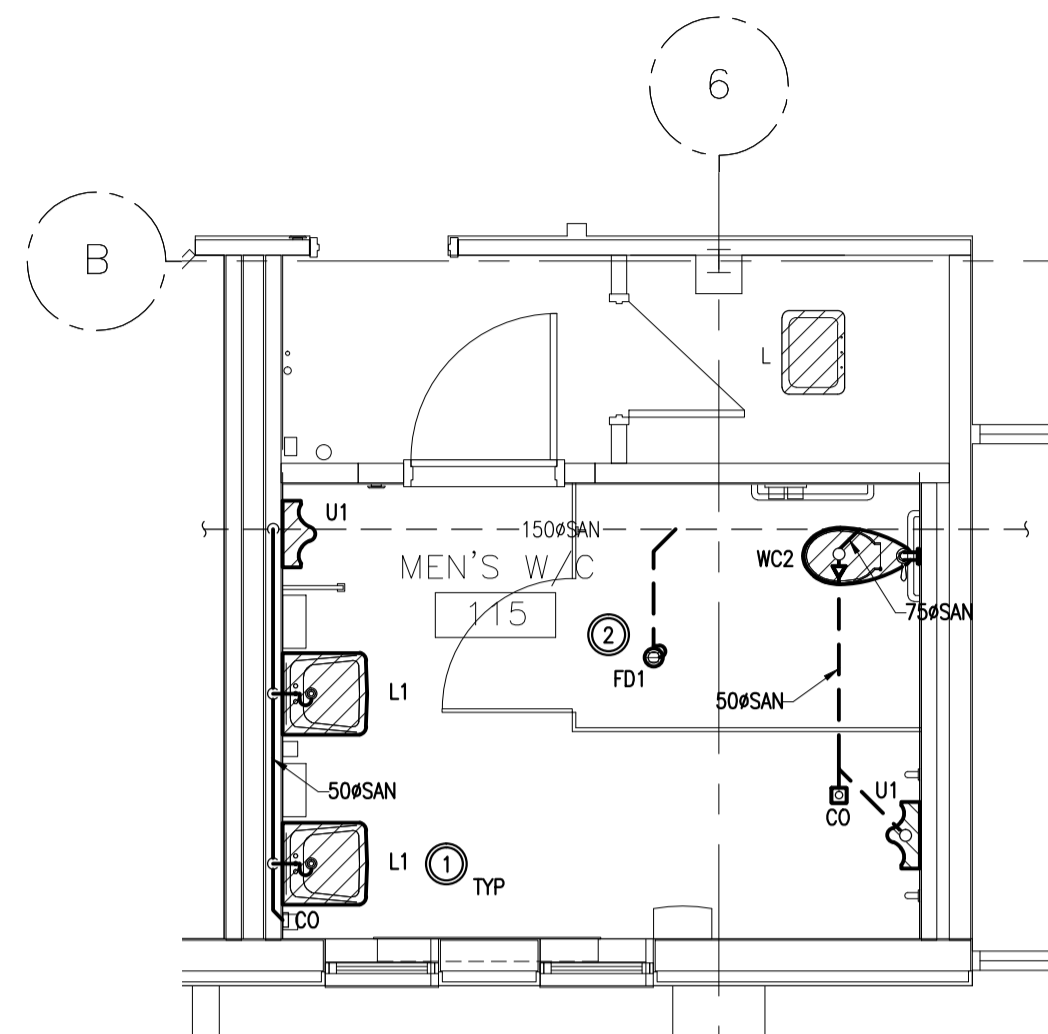
W.O. no. 5378 & 5379 D.T. no.

Drawing no. M2.1 No. du dessin



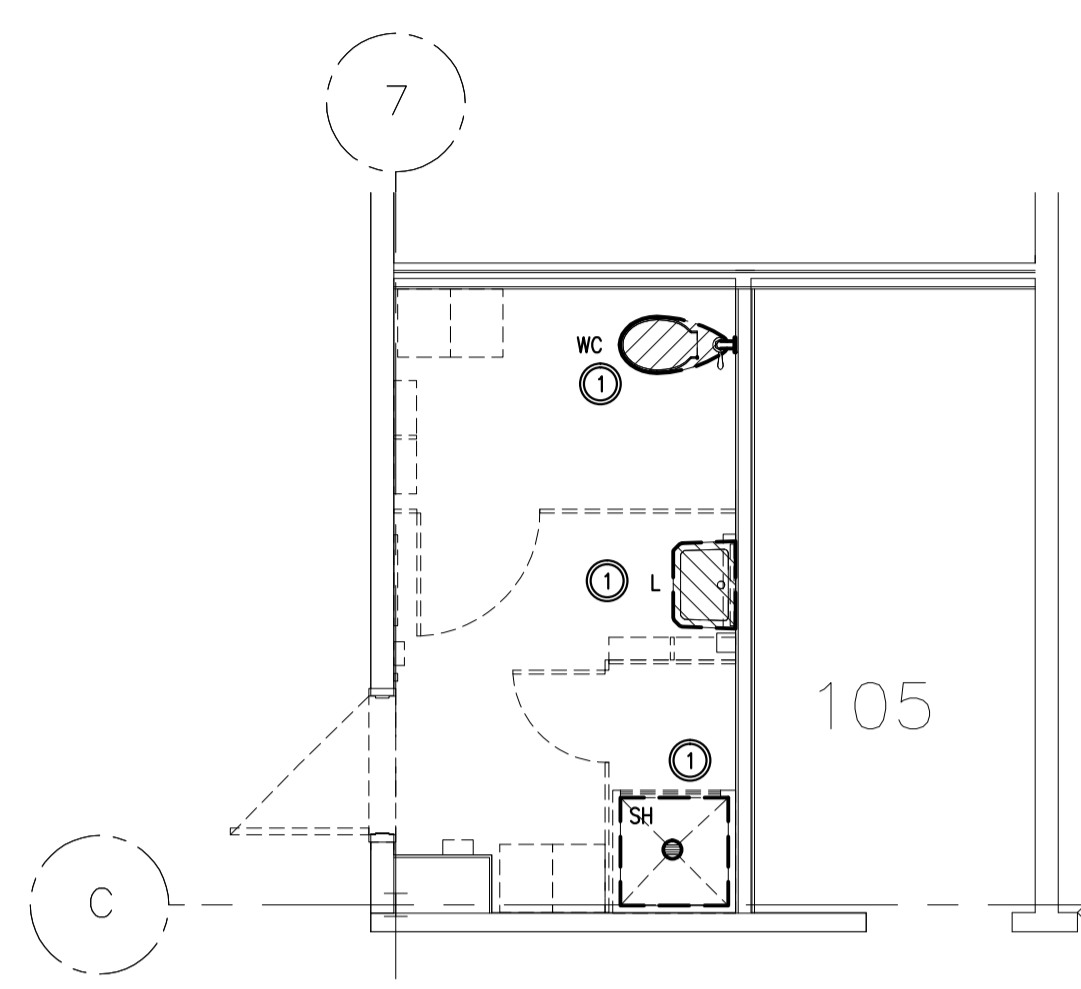
1
M2.1
M59 - WASHROOM 115
PLUMBING DEMOLITION WORK
 1:50

- DRAWING NOTES - PLUMBING DEMOLITION**
- REMOVE EXISTING PLUMBING FIXTURES AS INDICATED C/W AUTO SANITIZERS AND ALL ASSOCIATED ACCESSORIES. TEMPORARILY CAP DOW, DHW, & SAN FOR FUTURE USE. CAP LEFTOVER PIPES FLUSH WITH FLOOR.
 - CAREFULLY CHIP AROUND EXISTING FLOOR DRAIN TO REMOVE EXISTING DRAIN BODY AS INDICATED. TEMPORARILY CAP SAN PIPE FOR USE IN NEW LAYOUT.



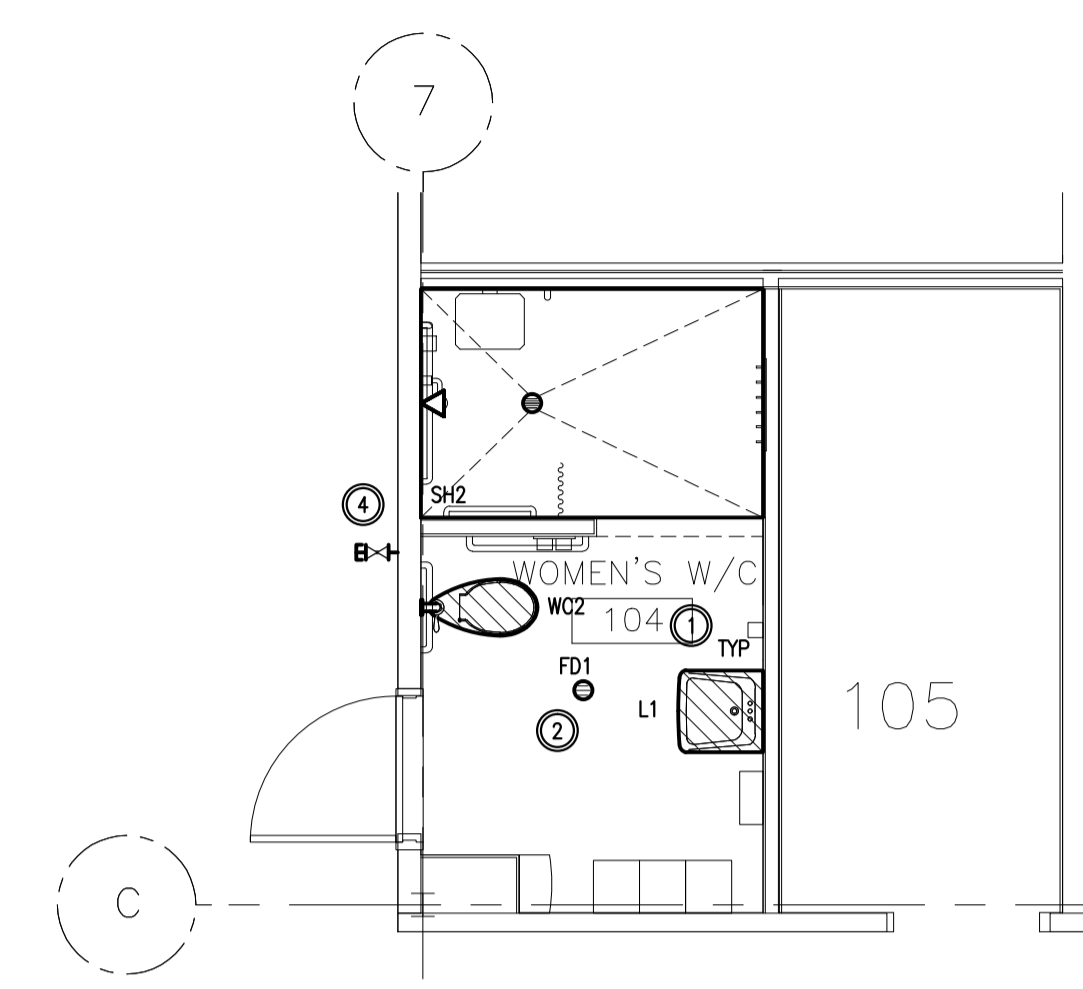
2
M2.1
M59 - WASHROOM 115
PLUMBING NEW WORK
 1:50

- DRAWING NOTES - PLUMBING NEW WORK**
- PROVIDE NEW PLUMBING FIXTURES AS INDICATED C/W ALL ASSOCIATED ACCESSORIES. MODIFY EXISTING PLUMBING SERVICES AS REQUIRED. ALL PLUMBING UNDERSLAB IS ACCESSIBLE THROUGH STORAGE ROOM BELOW.
 - PROVIDE NEW FLOOR DRAIN (FD1) AS INDICATED AND CONNECT TO EXISTING TRAP SEAL PRIMER AND SAN CONNECTION. ENSURE DRAIN IS SET TO ACCOMMODATE NEW FLOOR COVERING.
 - ALL PIPING TO BE LABELED AS PER NRC STANDARDS. TYPICAL.



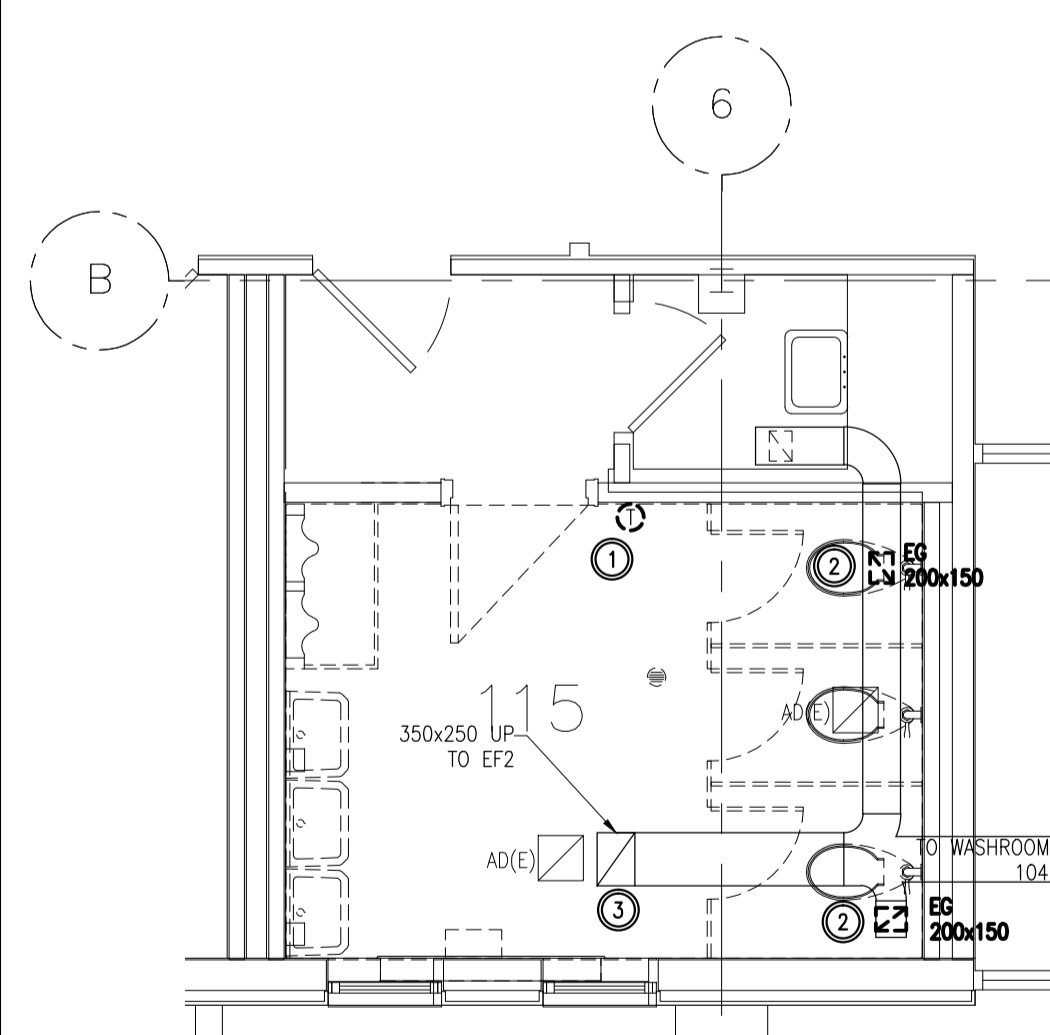
5
M2.1
M59 - WASHROOM 104
PLUMBING DEMOLITION WORK
 1:50

- DRAWING NOTES - PLUMBING DEMOLITION**
- REMOVE EXISTING PLUMBING FIXTURES AS INDICATED C/W ALL ASSOCIATED ACCESSORIES. TEMPORARILY CAP DOW, DHW, & SAN FOR FUTURE USE. CAP LEFTOVER PIPES FLUSH WITH FLOOR. ALL UNDERSLAB PLUMBING IS ACCESSIBLE THROUGH CRAWL SPACE BELOW. ALLOW FOR SAFE WORK PROCEDURES TO ACCOMMODATE REQUIRED MODIFICATIONS WITHIN CRAWLSPACE.



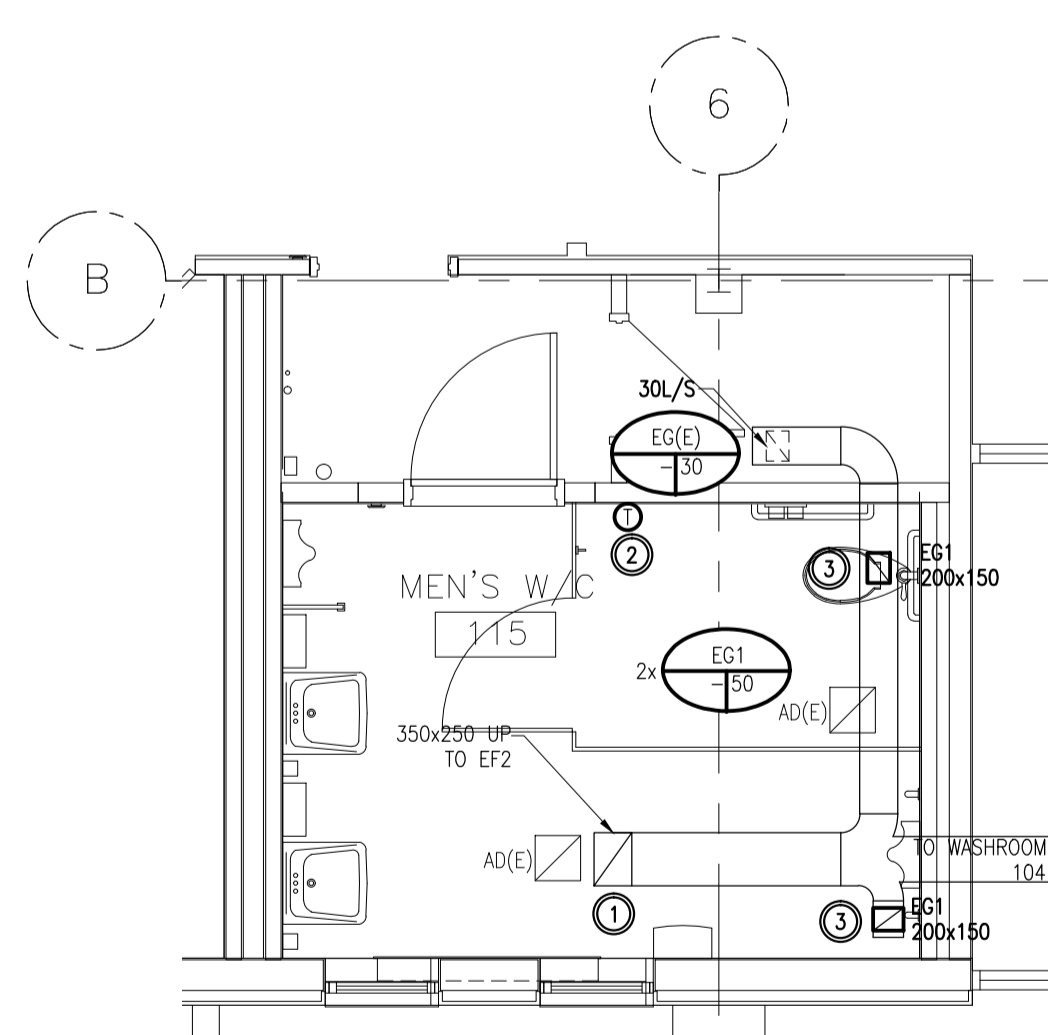
6
M2.1
M59 - WASHROOM 104
PLUMBING NEW WORK
 1:50

- DRAWING NOTES - PLUMBING NEW WORK**
- PROVIDE NEW PLUMBING FIXTURES AS INDICATED C/W ALL ASSOCIATED ACCESSORIES. MODIFY EXISTING PLUMBING SERVICES AS REQUIRED. ALL PLUMBING UNDERSLAB IS ACCESSIBLE THROUGH CRAWLSPACE BELOW.
 - PROVIDE NEW FLOOR DRAIN (FD1) AS INDICATED C/W TRAP SEAL PRIMER.
 - ALL PIPING TO BE LABELED AS PER NRC STANDARDS.
 - PROVIDE CAPPED 13#DOW PIPE C/W ISOLATION VALVE FOR FUTURE WATER COOLER.



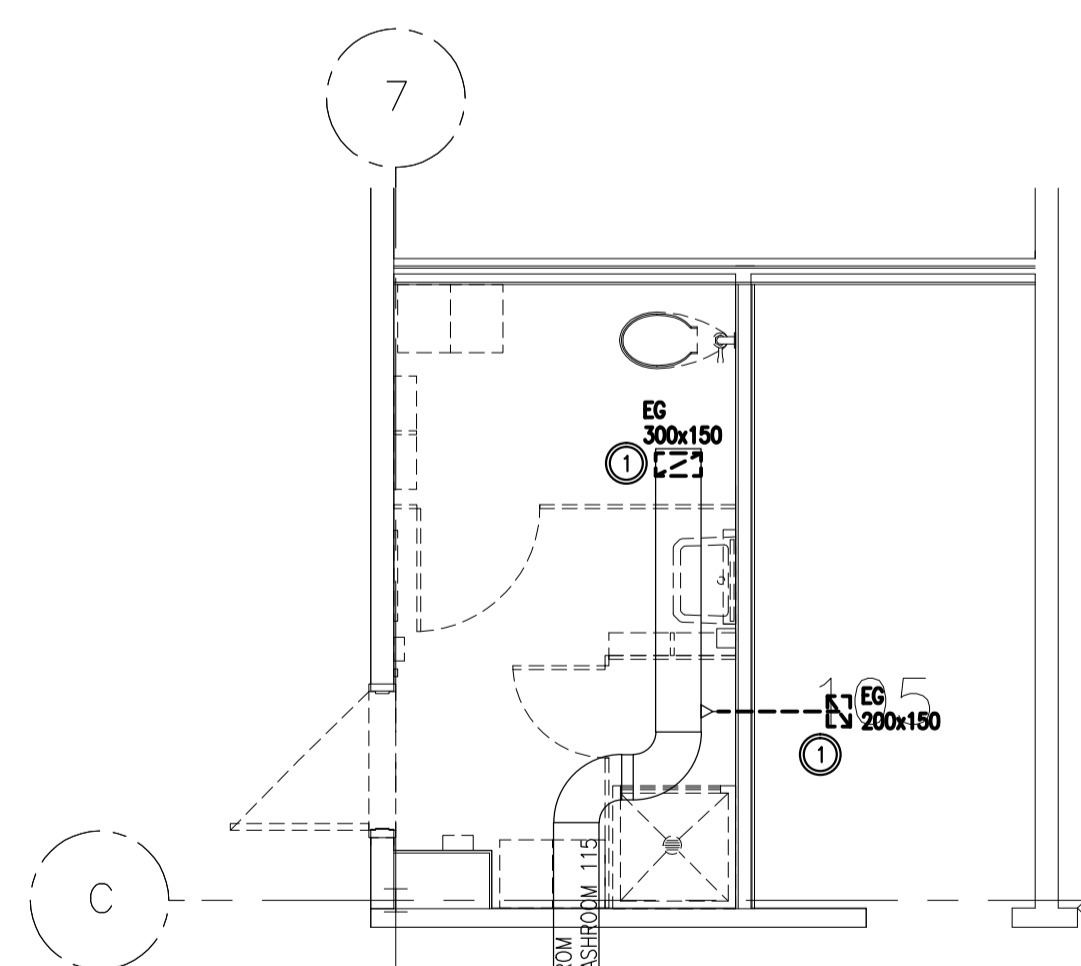
3
M2.1
M59 - WASHROOM 115
HVAC DEMOLITION WORK
 1:50

- DRAWING NOTES - HVAC DEMOLITION**
- REMOVE EXISTING PNEUMATIC THERMOSTAT AS INDICATED AND TEMPORARILY CAP PNEUMATICS. RETAIN FOR REUSE IN NEW LAYOUT.
 - REMOVE EXISTING EXHAUST GRILLES AS INDICATED.
 - REMOVE EXISTING EXHAUST FAN (EF2) ON ROOF. ROOF CURB TO REMAIN FOR REUSE IN NEW LAYOUT.



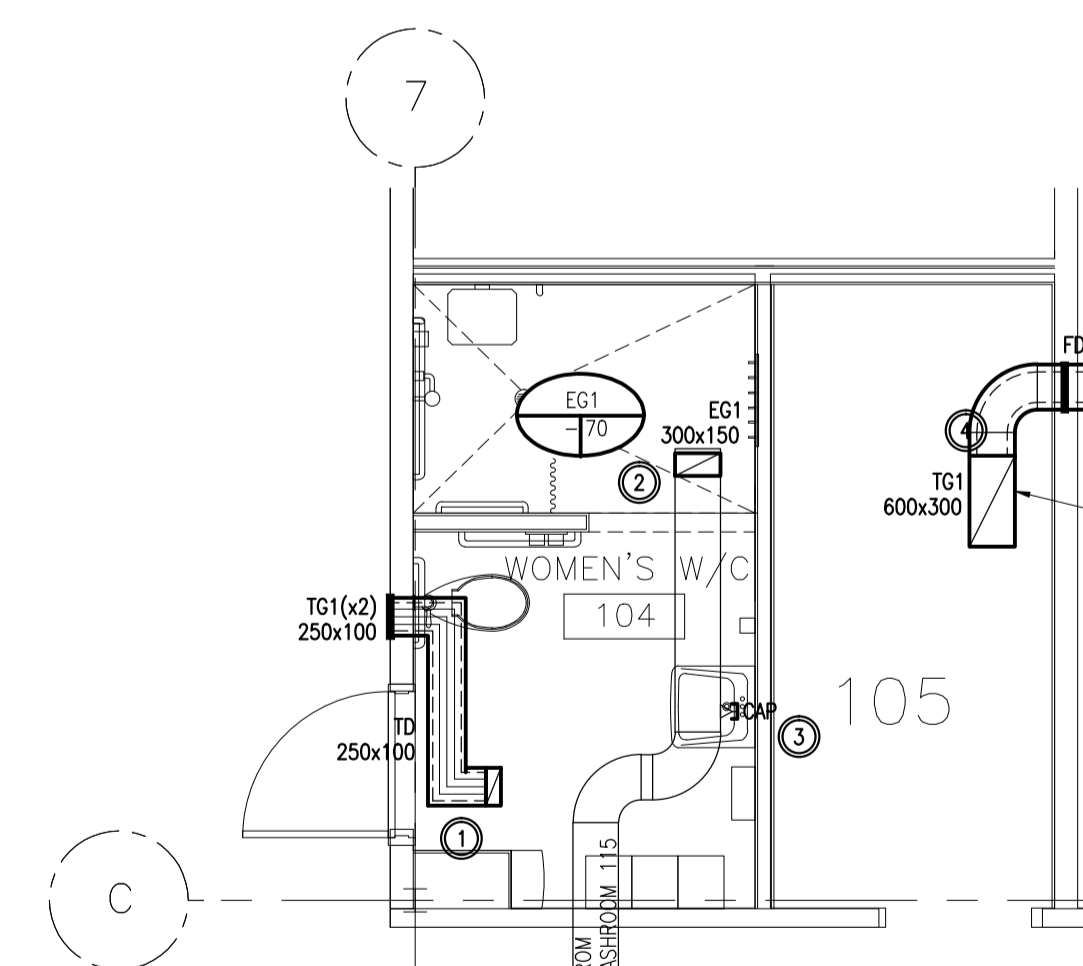
4
M2.1
M59 - WASHROOM 115
HVAC NEW WORK
 1:50

- DRAWING NOTES - HVAC NEW WORK**
- PROVIDE NEW EXHAUST FAN (EF2) ON ROOF ON EXISTING ROOF CURB. REFER TO FAN SCHEDULE FOR FAN INFORMATION.
 - REINSTATE EXISTING PNEUMATIC THERMOSTAT AS INDICATED FOLLOWING WALL REFINISHING.
 - PROVIDE NEW EXHAUST GRILLES AS INDICATED. BALANCE NEW EXHAUST GRILLES TO FLOWS INDICATED. BALANCING REPORT TO BE SUBMITTED FOR ENGINEERS REVIEW.



7
M2.1
M59 - WASHROOM 104
HVAC DEMOLITION WORK
 1:50

- DRAWING NOTES - HVAC DEMOLITION**
- REMOVE EXISTING EXHAUST GRILLES C/W DUCTWORK WHERE INDICATED.



8
M2.1
M59 - WASHROOM 104
HVAC NEW WORK
 1:50

- DRAWING NOTES - HVAC NEW WORK**
- PROVIDE NEW TRANSFER DUCT (TD) AS INDICATED C/W TRANSFER GRILLES (TG), DUCTWORK AND ALL ASSOCIATED ACCESSORIES.
 - PROVIDE NEW EXHAUST GRILLE (EG1) AS INDICATED. BALANCE EXISTING EXHAUST GRILLES TO FLOWS INDICATED. BALANCING REPORT TO BE SUBMITTED FOR ENGINEERS REVIEW.
 - CAP DUCT AS INDICATED.
 - REFER TO M2.2 FOR ASSOCIATED MODIFICATION WITHIN 105.



Contractor to verify all dimensions & conditions on site and immediately notify the engineer of all discrepancies.

9		
8		
7		
6		
5		
4		
3		
2		
1	ISSUED FOR TENDER	2017/05/16
revisions	description	date

A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project project
NRC BUILDINGS M2 & M59 WASHROOMS RENOVATION - PHASE 2
 1200 MONTREAL ROAD, OTTAWA

drawing dessin
M59 - GROUND FLOOR W/R 128/129 MECHANICAL WORK

Designed By S.VALLIER Conçu par
 Date 2016-04-13 (yyyy/mm/dd)

Drawn By S.VALLIER Dessiné par
 Date 2016-04-13 (yyyy/mm/dd)

Reviewed By R.LEONARD Examiné par
 Date 2016-04-13 (yyyy/mm/dd)

Approved By R.LEONARD Approuvé par
 Date 2016-04-13 (yyyy/mm/dd)

Tender Soumission

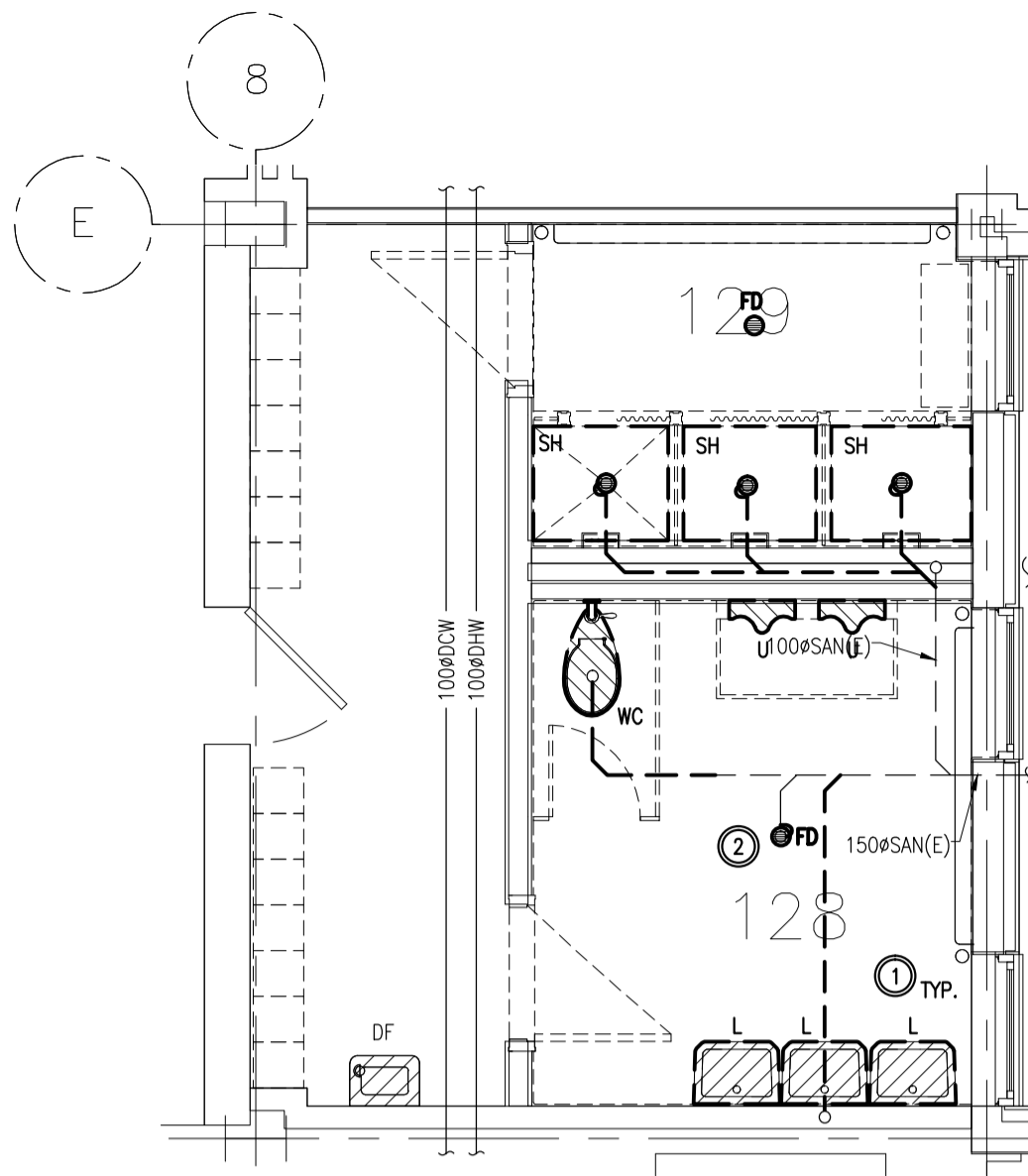
Project Manager Administrateur de projets

W.O. no. D.T. no.

5378 & 5379

Drawing no. No. du dessin

M2.2

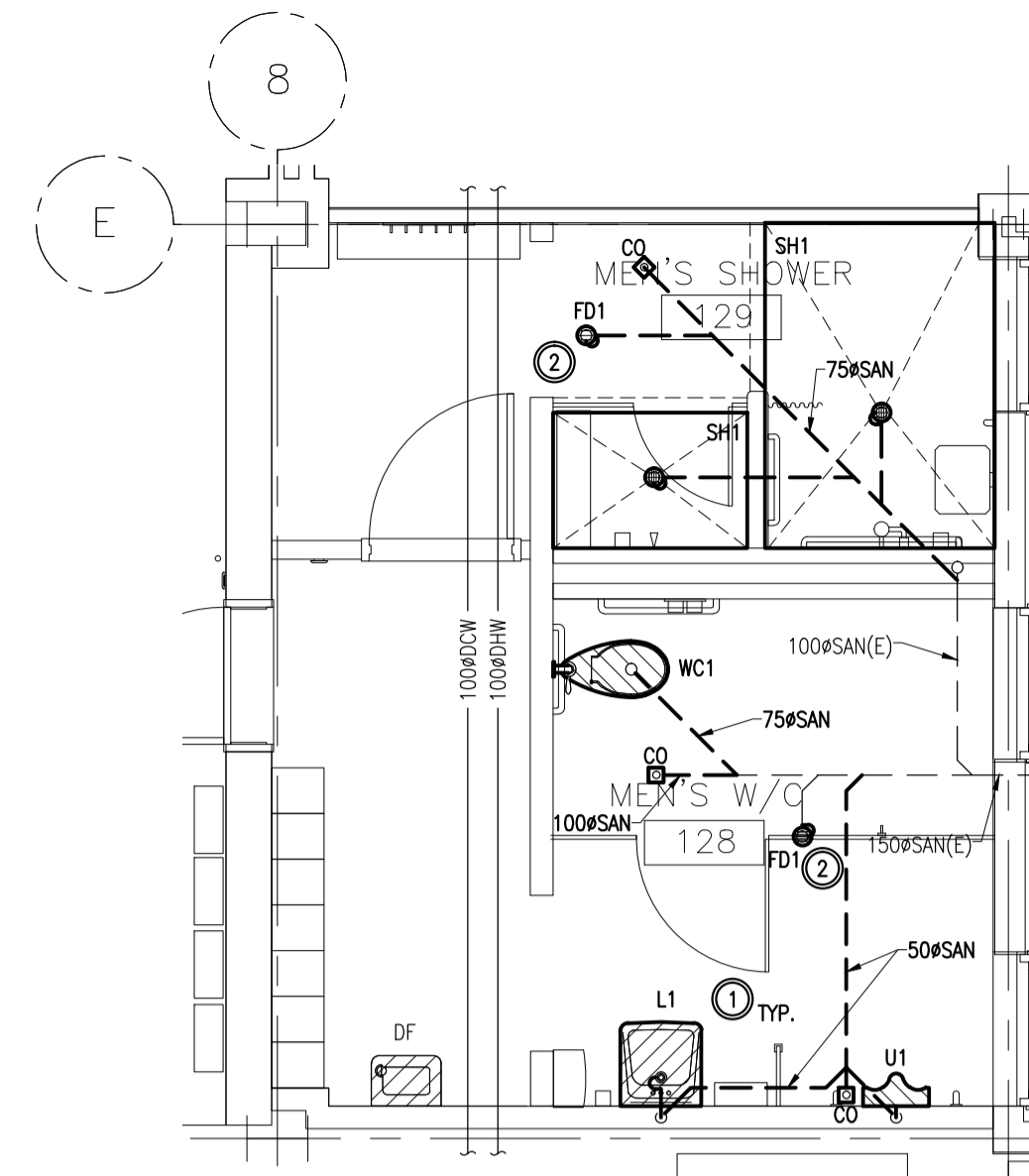


M59 - WASHROOM 128/129
 PLUMBING DEMOLITION WORK

1
 M2.2 1:50

DRAWING NOTES - PLUMBING DEMOLITION

- REMOVE EXISTING PLUMBING FIXTURES AS INDICATED C/W AUTO SANITIZERS AND ALL ASSOCIATED ACCESSORIES. TEMPORARILY CAP DW, DHW, & SAN FOR FUTURE USE. CAP LEFTOVER PIPES FLUSH WITH FLOOR.
- CAREFULLY CHIP AROUND EXISTING FLOOR DRAIN TO REMOVE EXISTING DRAIN BODY AS INDICATED. TEMPORARILY CAP SAN PIPE FOR USE IN NEW LAYOUT.

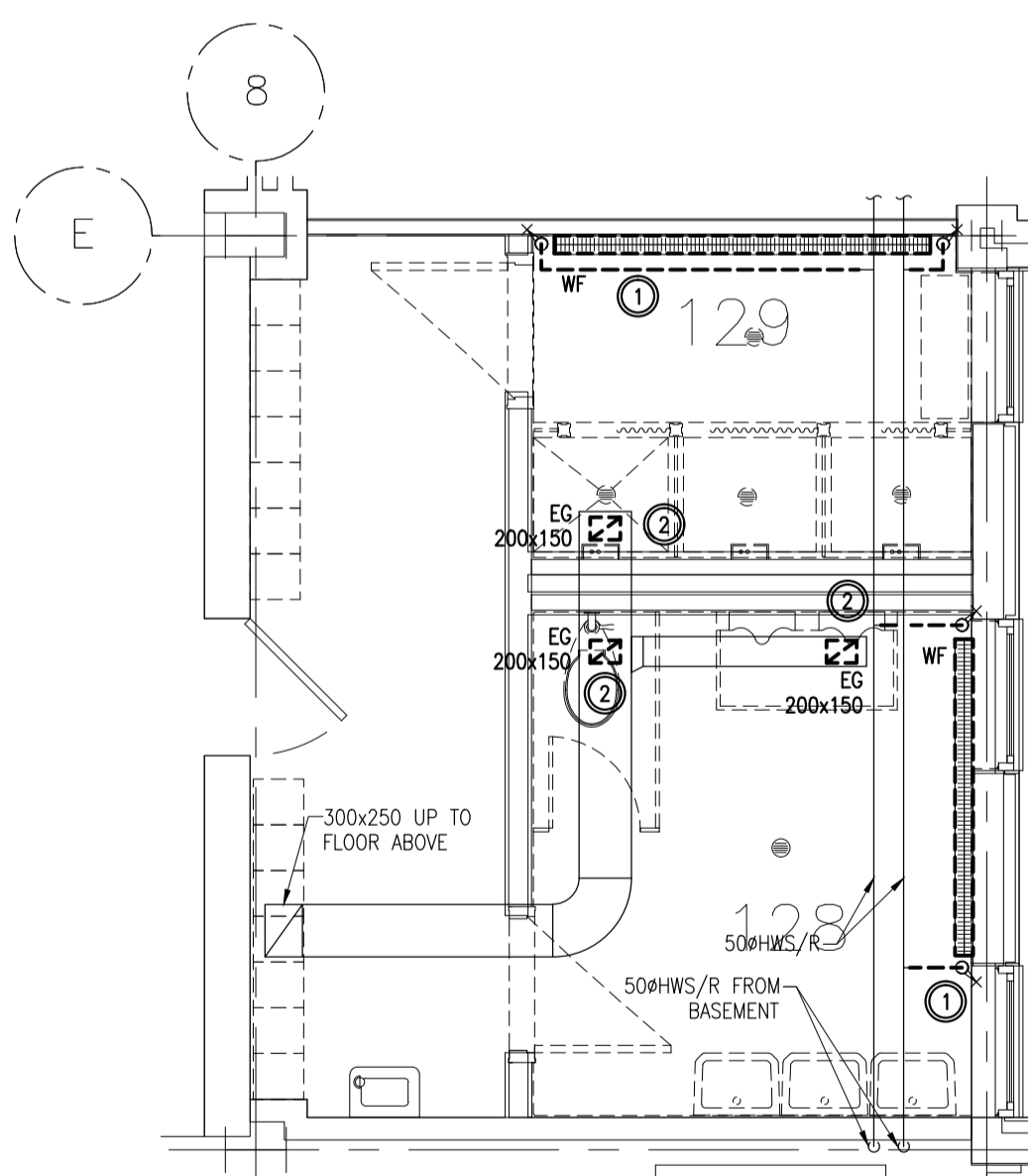


M59 - WASHROOM 128/129
 PLUMBING NEW WORK

2
 M2.2 1:50

DRAWING NOTES - PLUMBING NEW WORK

- PROVIDE NEW PLUMBING FIXTURES AS INDICATED C/W ALL ASSOCIATED ACCESSORIES. MODIFY EXISTING PLUMBING SERVICES AS REQUIRED. ALL PLUMBING UNDERSLAB IS BURIED. COORDINATE CUTTING AND PATCHING EXISTING SLAB TO ACCOMMODATE NEW PLUMBING WITH GENERAL TRADE.
- PROVIDE NEW FLOOR DRAIN (FD1) AS INDICATED AND CONNECT TO EXISTING TRAP SEAL PRIMER AND SAN CONNECTION. ENSURE DRAIN IS SET TO ACCOMMODATE NEW FLOOR COVERING.
- ALL PIPING TO BE LABELED AS PER NRC STANDARDS.

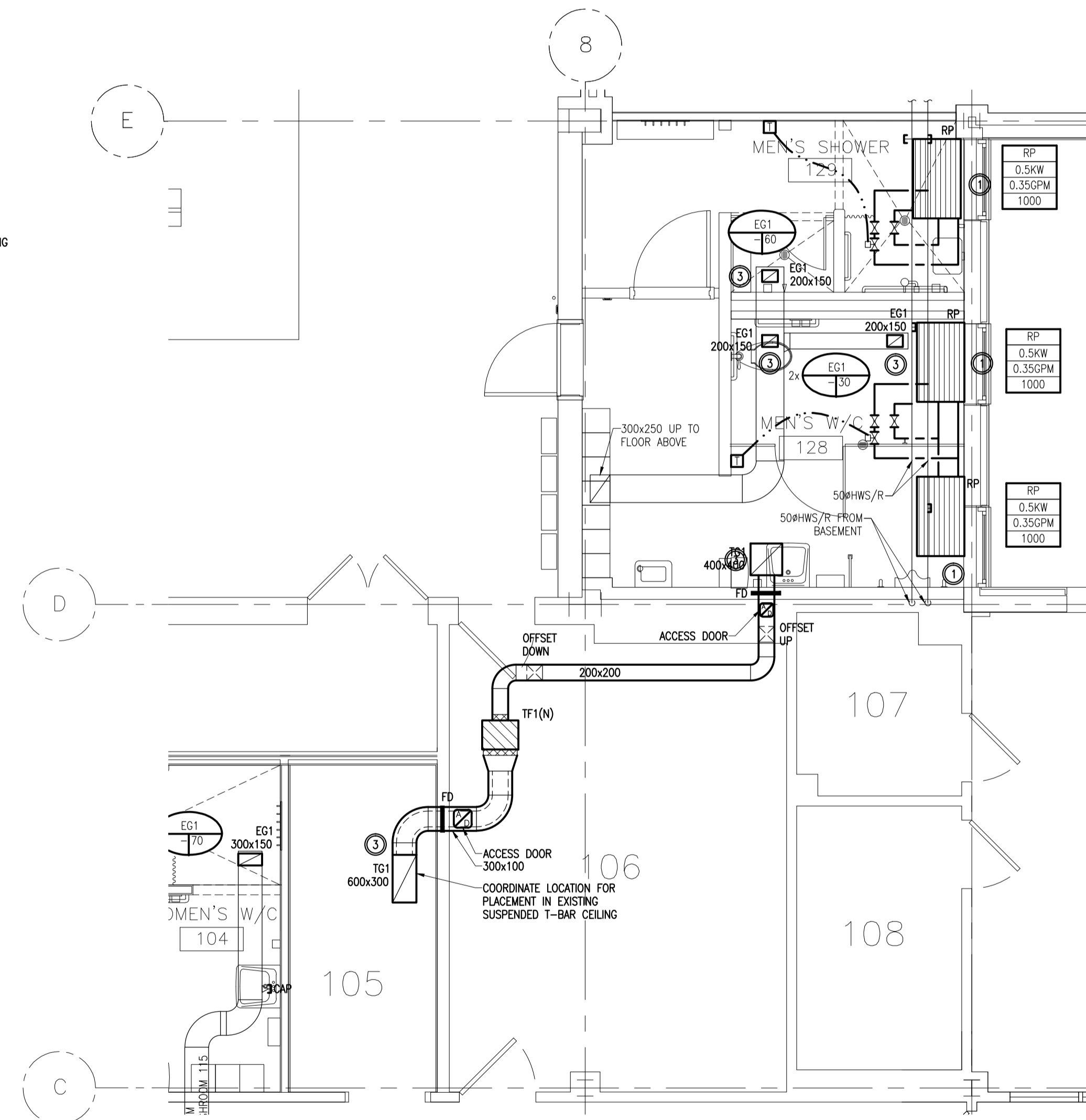


M59 - WASHROOM 128/129
 HVAC DEMOLITION WORK

3
 M2.2 1:50

DRAWING NOTES - PLUMBING DEMOLITION

- REMOVE EXISTING WALL FAN (WF) AS INDICATED C/W ALL ASSOCIATED ACCESSORIES. CAP PIPES.
- REMOVE EXISTING EXHAUST GRILLES (EG) AS INDICATED.



M59 - WASHROOM 128/129
 HVAC NEW WORK

4
 M2.2 1:50

DRAWING NOTES - PLUMBING NEW WORK

- PROVIDE NEW RADIANT PANELS (RP) AS INDICATED C/W TEMPERATURE SENSOR, CONTROLS, PIPING AND ALL ASSOCIATED ACCESSORIES. MODIFY EXISTING PIPING AS REQUIRED.
- EXISTING PIPING IS CONCEALED ABOVE EXISTING PLASTER CEILING. GENERAL TRADES TO REMOVE CEILING WITHIN VICINITY OF NEW RADIANT PANELS TO ACCESS EXISTING SERVICES.
- PROVIDE NEW DUCTWORK, GRILLES AND CONTROLS AS INDICATED C/W ALL ASSOCIATED ACCESSORIES. BALANCE GRILLES TO AIRFLOWS INDICATED.
- PROVIDE NEW TRANSFER FAN (TF1) C/W FLEX CONNECTIONS, DUCTWORK, FIRE DAMPERS, AND ASSOCIATED ACCESSORIES AS INDICATED. COORDINATE EXACT ROUTING OF DUCT ON SITE. ALL FOR FOUR (4) OFFSETS TO ACCOMMODATE EXISTING INTERFERENCES.