

# NATIONAL RESEARCH COUNCIL CANADA

## Montreal road Campus, Institutes and Laboratories Ottawa, Ontario, Canada

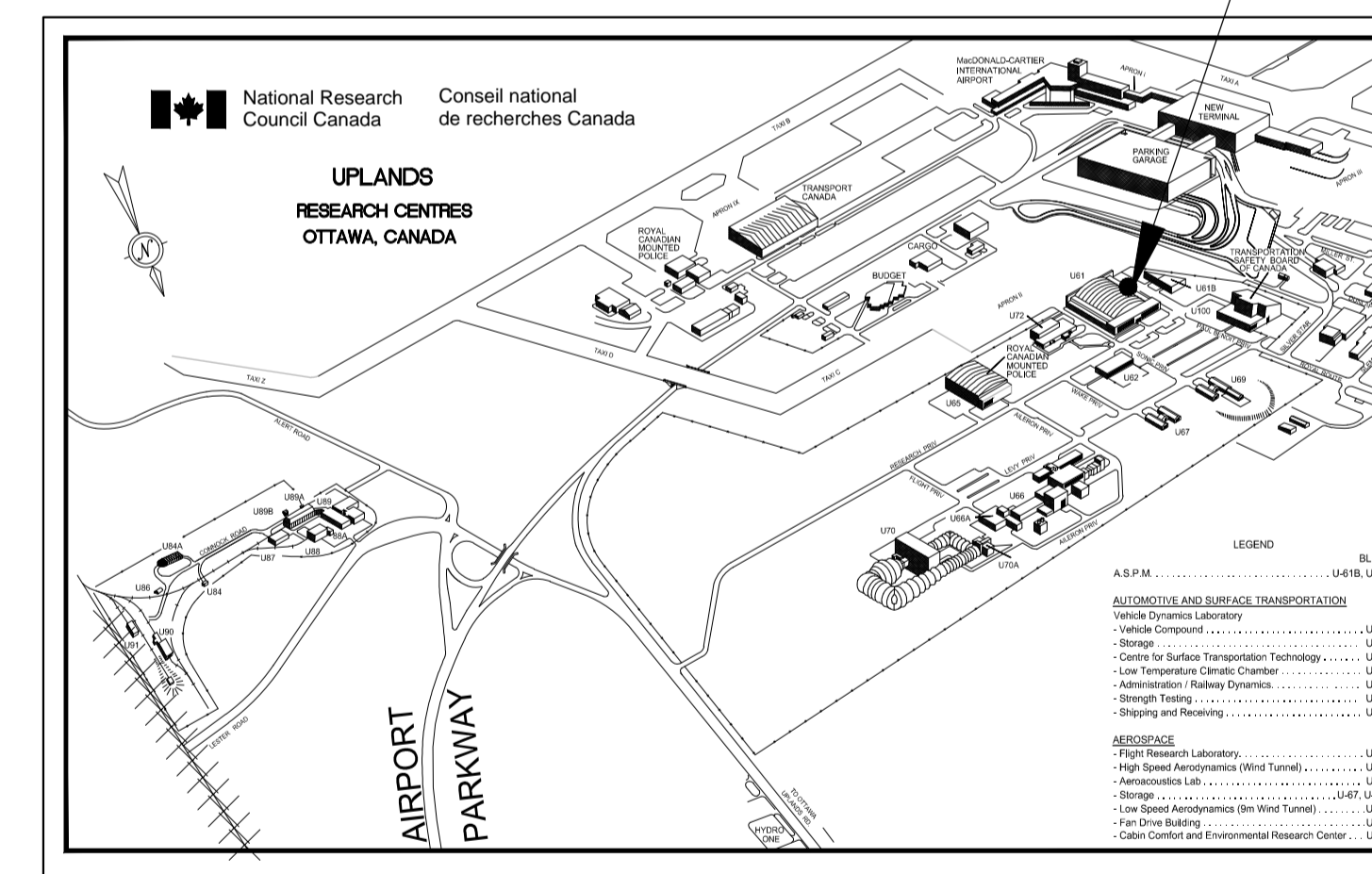
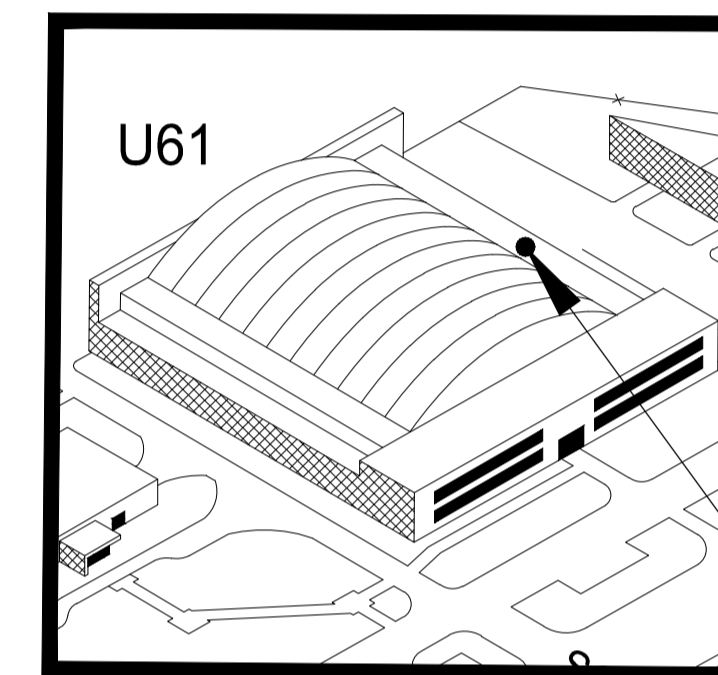


PREPARED BY: ADMINISTRATIVE SERVICES AND PROPERTY MANAGEMENT, ENGINEERING SERVICES  
1200 MONTREAL ROAD, M-19 (RM 340),  
OTTAWA, ONTARIO, CANADA K1A 0R6

PROJECT: PROJECT NO. = 5553  
BUILDING U-61 (UPLANDS CAMPUS)  
U-61 : RM205 - WASHROOM RENOVATION  
(EXPAND LOCKER ROOM AND SHOWER AREA)

### DRAWING SHEET LIST:

STRUCTURAL	N/A	
ARCHITECTURAL	5553-A00	<ul style="list-style-type: none"> <li>COVER SHEET</li> <li>GENERAL DRAWING LIST</li> <li>PROJECT INFO</li> <li>ABBREVIATION LEGEND</li> </ul>
	5553-A01	ROOMS 205 & 205A (C/W PHOTOS) <ul style="list-style-type: none"> <li>DEMOLITION FLOOR PLAN</li> <li>DEMOLITION REFLECTED CEILING PLAN</li> <li>ARCHITECTURAL REMOVAL NOTES</li> <li>FINISH SCHEDULE AND LEGENDE</li> </ul>
	5553-A02	ROOM 205 & 205A NEW FLOOR PLAN <ul style="list-style-type: none"> <li>NEW REFLECTED CEILING PLAN</li> <li>MISC NEW WALL ELEVATION</li> <li>ARCHITECTURAL NEW NOTES</li> </ul>
	5553-A03	ROOM 205 & 205A MISC SHOWER ASSEMBLY <ul style="list-style-type: none"> <li>SHOWER CURB &amp; DRAIN, FLOOR DRAIN AND MISC DETAILS</li> <li>SHOWER WALL PLAN AND ELEVATION</li> </ul>
	5553-A04	ROOM 205 & 205A <ul style="list-style-type: none"> <li>DOOR AND MASONRY SCHEDULE</li> <li>MISC DOOR AND FRAME DETAILS</li> <li>CORRIDOR WALL ELEVATION</li> <li>PVC CLADDING AND TOILET ASSEMBLIES</li> </ul>
MECHANICAL	5553-M01	MECHANICAL: DEMOLITION AND NEW WORK
ELECTRICAL	5553-E01	ELECTRICAL: POWER AND SYSTEMS NEW AND DEMOLITION
SPECIFICATIONS:	SEE SEPARATE BINED MANUAL	



1 KEY PLAN LOCATION UPLANDS CAMPUS  
SCALE: N.T.S.



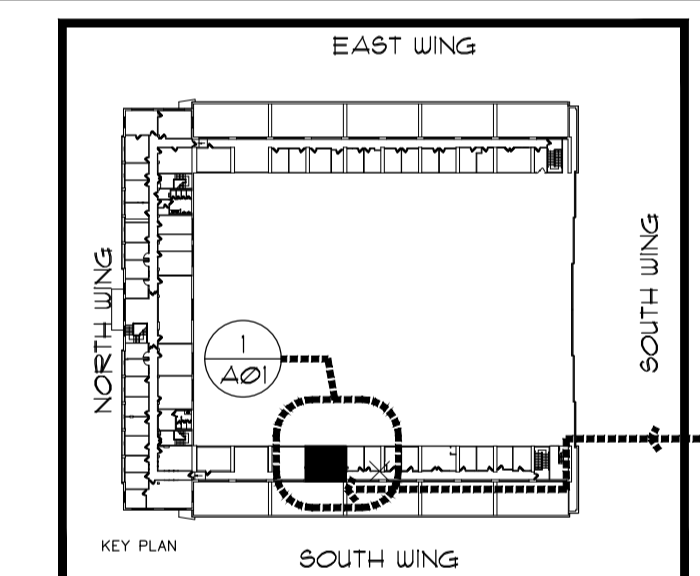
### GENERAL NOTES

- CONTRACTORS TO CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO DEMOLITION OR CONSTRUCTION AND REPORT ANY ERRORS OR OMISSIONS TO DEPARTMENTAL REPRESENTATIVE.
- CONTRACTORS MUST VISIT THE SITE & FULLY FAMILIARIZE THEMSELVES WITH THE SCOPE OF THE WORK.
- CONTRACTORS MUST PREVENT THE SPREAD OF DUST & DEBRIS BEYOND THE WORK AREA AND CLEAN ALL SURFACES AT COMPLETION OF THEIR WORK. MAKE GOOD ALL SURFACES AFFECTED BY THIS WORK.
- G.C. TO PATCH AND MAKE GOOD ALL WALLS, CEILING AND FLOORS WHERE MECHANICAL, ELECTRICAL & ARCHITECTURAL ITEMS HAVE BEEN REMOVED.
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- ARCHITECTURAL DRAWING 5553-A00 TO 5553-A04 TO BE READ IN CONJUNCTION WITH MECHANICAL DRAWINGS 5553-M01 & ELECTRICAL 5553-E01 AND SPECIFICATIONS.

No.	Date	Revision	By:
1	NOV 2018	ISSUED FOR TENDER	JCW
2	21 SEPT 2018	DESIGN FINAL REVIEW - APPROVAL	JCW

Date Printed: \_\_\_\_\_

### KEY PLAN



BUILDING U-61 KEY PLAN  
NOT TO SCALE

- Verify all dimensions and site conditions and be responsible for same.
- Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité.

A	A Detail no. No. du détail	B	B Location drawing no. sur dessin no.
C	C Drawing no. dessin no.	C	C

project U-61 : RM205 - WASHROOM RENOVATION (EXPAND LOCKER ROOM AND SHOWER AREA)

UPLANDS CAMPUS

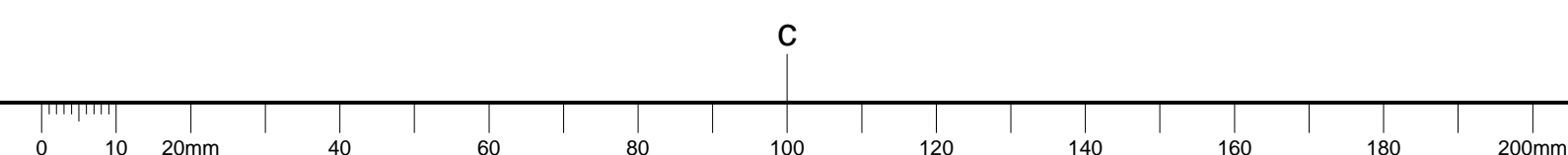
- COVER SHEET
- GENERAL DRAWING LIST
- PROJECT INFO
- ABBREVIATION LEGEND

designed	J-C. W.	conçu	date	AUG 2018
drawn	J-C.W.	dessiné	scale	AS SHOWN
checked	SH / BL.	vérifié	sheet	1 of/de 5
approved	D.F.	approuvé	W.O.no.	A1-011227-12

dwg.no. 5553-A00  
Acad File: 5553-U61-A00-TENDER

### ABBREVIATION LEGEND:

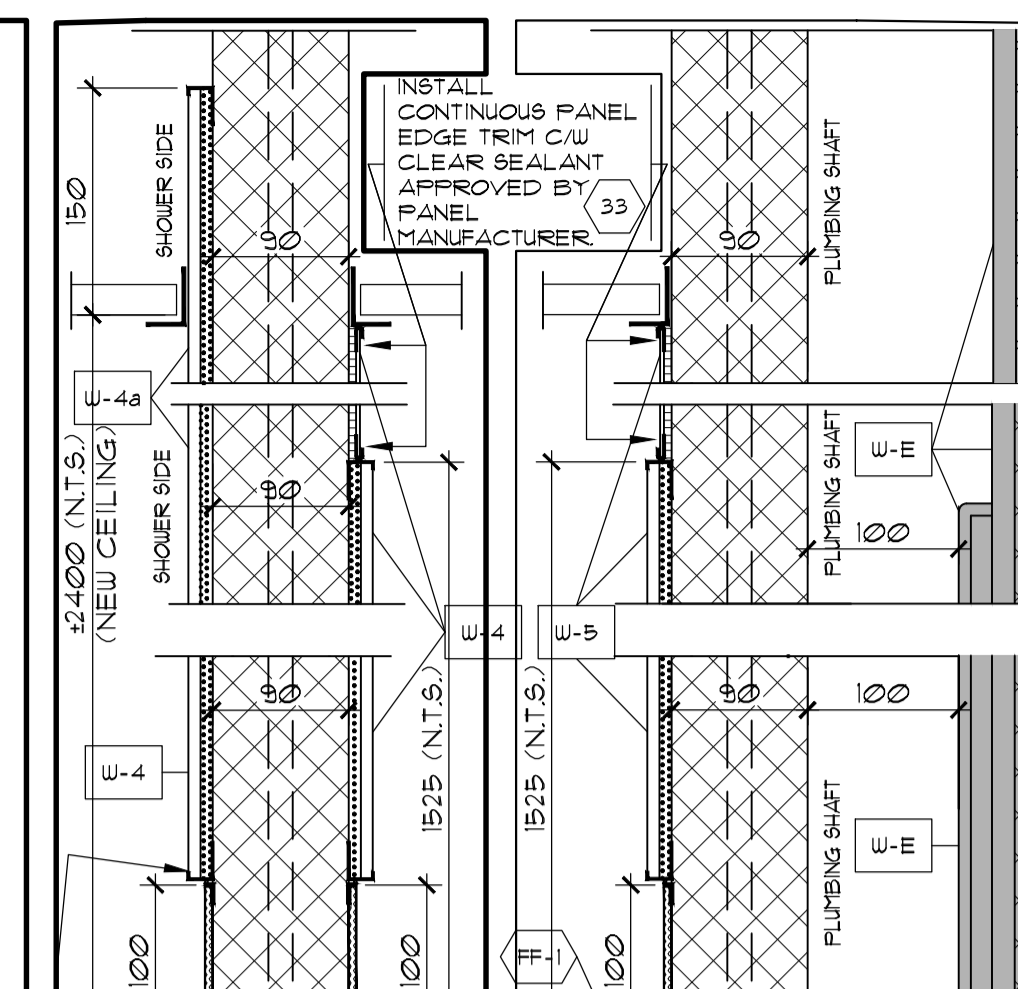
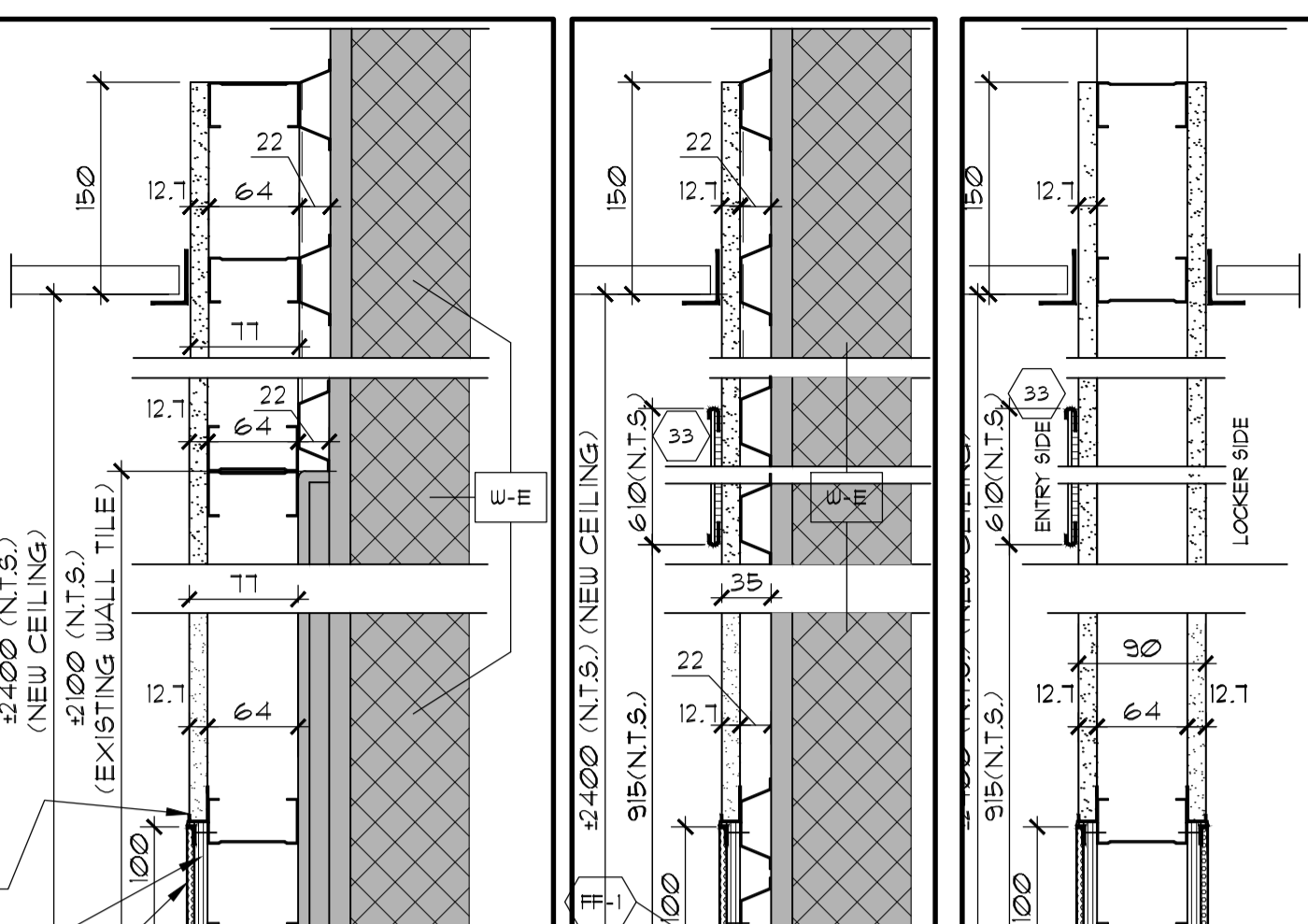
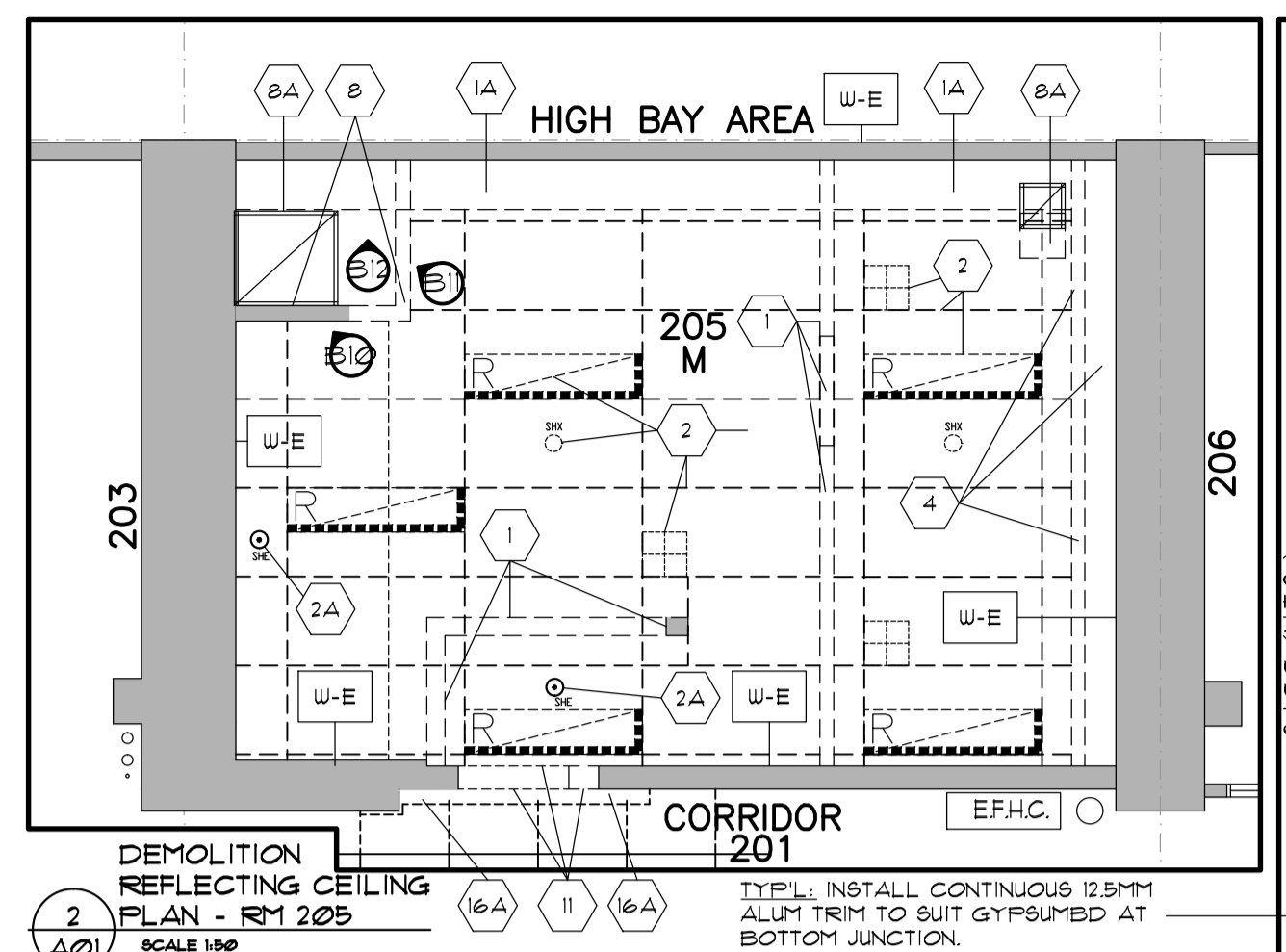
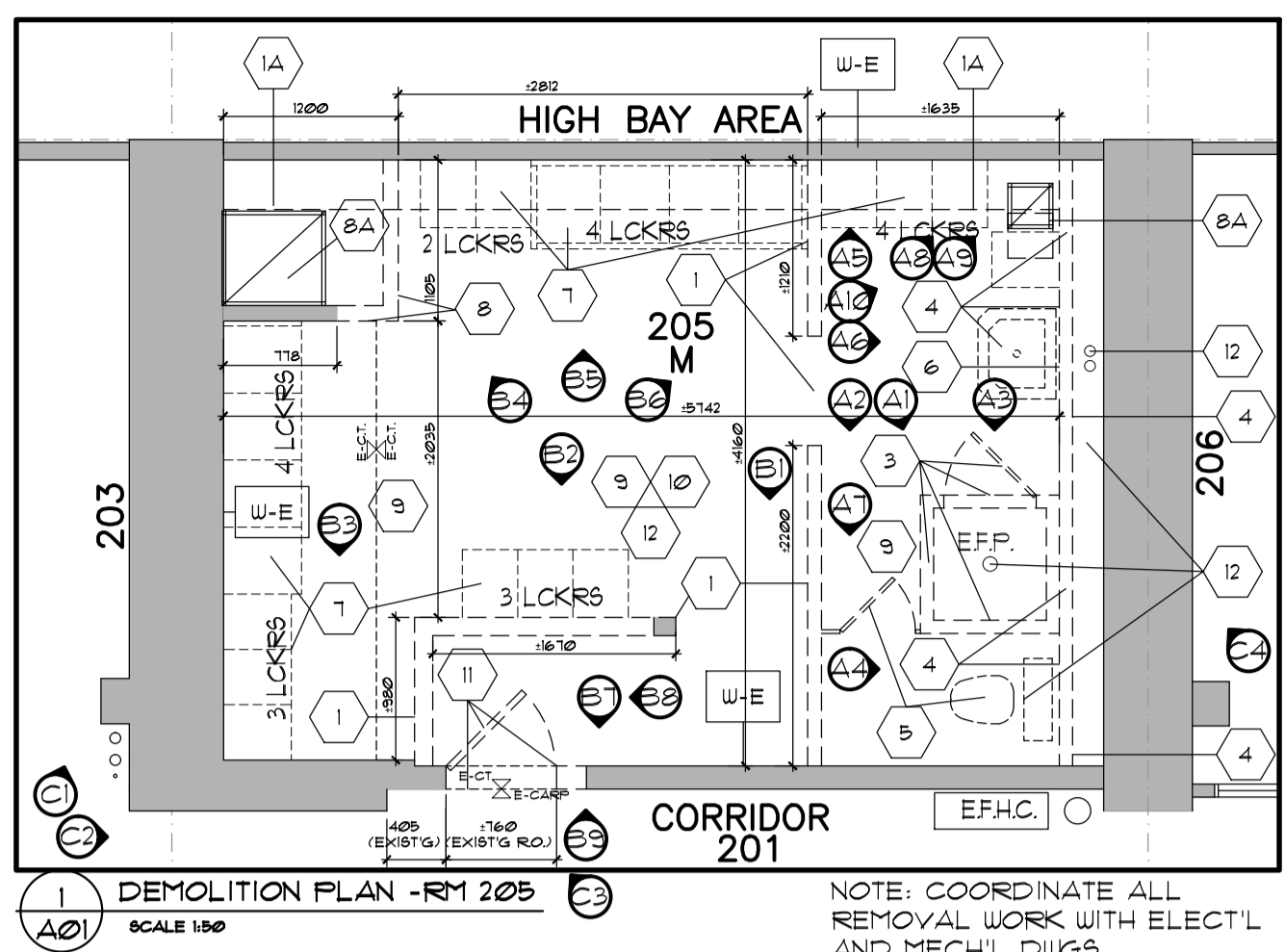
A.F.	ABOVE FINISHED FLOOR	E.E.W.	EXISTING EYE WASH STATION	O. F.	OUTSIDE FRAME OPPOSITE
AL.	ALUMINUM	EX.	EXPANSION	POLY.	POLYETHYLENE
A.V.	AIR/VAPOUR	EX.	EXTERIOR	P. T.	PRESSURE TREATED
APPROX.	APPROXIMATELY	E.W.	EYE WASH	REINF.	REINFORCING
CELL.	CEILING	FIN.	FINISH	REQ'D	REQUIRED
CONC.	CONCRETE	FEKT	FIRE EXTINGUISHER	R. O.	ROUGH OPENING
CONT.	CONTINUOUS	F. R.	FIRE RATED	SIM.	SIMILAR
CONST.	CONSTRUCTION	GA.	GAUGE	SHE	SPRINKLER HEAD EXISTING
COMP.	COMPLETELY	GAL.V.	GALVANIZED	SHE.N.	SPRINKLER HEAD NEW
C/W	COMPLETE WITH	G. B.	GYPSUM BOARD	S.H.X	SPRINKLER HEAD REMOVED
DIA.	DIAMETER	G. C.	GENERAL CONTRACTOR	SPEC	SPECIFICATION
DIAG.	DIAGONAL	HORIZ.	HORIZONTAL	SQ.	SQUARE
DWG.	DRAWING	I. D.	INSIDE DIAMETER	S. S.	STAINLESS STEEL
E.A.P.	EXISTING ACCESS PANEL	INCL.	INCLUDING	STRUCT.	STRUCTURAL
E.F.D.	EXISTING FLOOR DRAIN	INSUL.	INSULATION	SUSP.	SUSPENDED
E.F.P.	EXISTING FLOOR PLATES	INT.	INTERIOR	T. & G.	TONGUE & GROOVE
EXIST.	EXISTING	M.L.D	MOTION LIGHT DETECTOR	T. & B.	TOP & BOTTOM
EXSHUR	EXISTING EMERGENCY SHOWER STATION	MIN.	MINIMUM	T. O. F.	TOP OF FRAME
		mm	MILLIMETRE	T. O. S.	TOP OF STEEL
		N. I. C.	NOT IN CONTRACT	TYP	TYPICAL
		O. C.	ON CENTER	U/S	UNDERSIDE
		O. D.	OUTSIDE DIAMETER	VERT	VERTICAL





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**FINISH SCHEDULE (NEW RM 205, 205A)**

- FLOOR FINISH:**
- FF-1 STONHARD EPOXY FLOORING (OR APPROVED EQUAL)
  - FF-2 STONHARD 'HRI' ULTRA-SLIP RESISTANT - COLOR = FLAGSTONE
  - CT-1 INSIDE SHOWER FLOOR / INSIDE CURB:
    - SLIP RESISTANT CERAMIC TILE
    - SIZE: 50mm x 50mm (ONTARIO MOSAIC SECURA)
    - COLOR: SNOW WHITE
    - UP TO 100mm HIGH FULL BOTTOM PERIMETER
- WALL FINISH:**
- WF-1 ALL GYPSUMBOARD WALLS: SHERMAN WILLIAMS (OR APPROVED EQUAL)
    - SW 6253 (OLYMPUS WHITE) - EGG SHELL
  - WF-2 CORRIDOR GYPSUMBOARD/PLASTER WALLS: SHERMAN WILLIAMS (OR APPROVED EQUAL)
    - WHITE - EGG SHELL (TO MATCH ADJACENT CORRIDOR)
  - WF-3 ALL PVC PANELS (OR APPROVED EQUAL)
    - DIAMOND 'ESSENCE' REGAL ROSEWOOD (WOODGRAIN FINISH) C/W ALUMINUM FINISH 'U', 'T' TRIMS AND EXTERNAL CORNERS AS PER MANUFACTURER.
  - CT-2 INSIDE SHOWER ENCLOSURE AREA:
    - SIZE: 150mm x 450mm PORCELAIN TILE
    - COLOR: GLAZED SNOW WHITE MATTE
    - WATERPROOF / MOLD / MILDEW MORTAR AND GROUT (2.5mm SPACING).
  - CT-3 OUTSIDE SHOWER CHANGE RM AND MAIN WALLS MONRY WALLS
    - OLYMPIA YURA NEW SERIES - 300mm x 600mm x 8mm CERAMIC TILE
    - COLOR: LEAD GREY
    - USE WATERPROOF / MOLD / MILDEW GROUT (COLOR 'BRIGHT WHITE') (2.5mm SPACING)
- CEILING FINISH:**
- CF-1 NEW LAY IN ACOUSTIC TILE CEILING. TILES (610MM X 610MM X 16MM) WHITE ARMSTRONG KITCHEN AREA (NO.612) (OR APPROVED EQUAL) WITH 25MM TEES (FLAT WHITE) AND HANGERS.
  - CF-2 SHERMAN WILLIAMS (OR APPROVED EQUAL) - SW 6253 (OLYMPUS WHITE) - EGG SHELL.

**ARCHITECTURAL REMOVAL NOTES:**

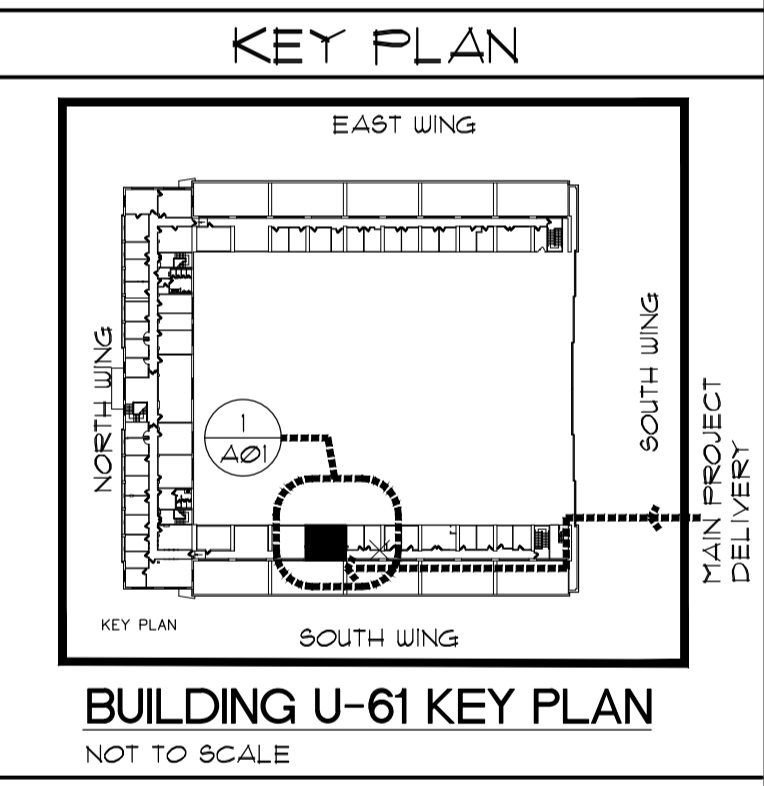
- DEMOLISH COMPLETELY WOOD/DRYWALL PARTITION WALL ASSEMBLY C/W CURTAIN OPENING ASSEMBLY, AND ALL WALL ATTACHEMENTS, CONTINUED.
- EXISTING CONCRETE BEAM C/W PLASTER FINISH TO REMAIN.
- REMOVE EXISTING CEILING TILES, ENTIRE GRID & SUPPORT SYSTEM AND DISCARD. REFER TO ELEC 4 MECH FOR EXTENT OF ALL CEILING FIXTURES REMOVALS INCLUDING LIGHTS, EXHAUST AND SUPPLY GRILLS, SPRINKLER HEAD COMPONENTS AFFECTED BY DEMOLITION SCOPE OF WORK.
- WHERE TWO SPRINKLER HEAD LOCATION TO REMAIN, ADJUST HEAD TO SUIT NEW CEILING TILE HEIGHT. SEE MECH'L DUGS.
- DEMOLISH COMPLETELY SHOWER ENCLOSURE INCLUDING PARTITION WITH CERAMIC FINISH, DOOR ASSEMBLY AND HARDWARE, CURB, CERAMIC FLOOR AND DRAIN ASSEMBLY. ALL PLUMBING FIXTURES AND CONDUITS ASSOCIATED TO BE REMOVED. FLOOR DRAIN HOLE TO BE FILLED WITH NON SHRINK GROUT BEFORE NEW FLOORING APPLICATION INSTALLATION. SEE DETAIL 8/A03.
- DEMOLISH COMPLETELY TOILET CUBICLE ENCLOSURE INCLUDING PARTITION AND HARDWARE, TOILET FIXTURE, CERAMIC FLOOR AND DRAIN ASSEMBLY. ALL PLUMBING FIXTURES AND CONDUITS ASSOCIATED TO BE REMOVED. FLOOR DRAIN HOLE TO BE FILLED WITH NON SHRINK GROUT AND GAPPED FROM UNDERSIDE TO PREPARE FOR NEW FLOOR FINISH. SEE DETAIL 8/A03. REFER TO MECH'L DUG.
- REMOVE WALL MOUNTED SHELVES, BRACKETS, MIRROR AND DISCARD AS PER MECH'S INSTRUCTION. REMOVE ALL WALL ATTACHEMENTS: WOOD WALL MOUNTED BINS, PAPER AND SOAP DISPENSERS AND RETURN TO NRC.
- ALL EXISTING METAL LOCKERS, WOOD STORAGE LOCKERS WILL BE REMOVED PRIOR TO AWARD CONTRACT BY NRC. (N.I.C.)
- DEMOLISH MECH'L SHAFT (DRYWALL/METAL STUDS) ENCLOSURE TO EXTENT SHOWN. MAINTAIN EXISTING MECH'L AND PLUMBING WITHIN SPACE. SEE MECH'L DUGS FOR EXTENT.
- MAINTAIN EXISTING HVAC DUCT. REFER TO MECH'L DUGS.
- DEMOLISH CERAMIC TILE FLOOR AND BASE THROUGHOUT FLOOR AREA. PREPARE SUB-BASE FLOOR FOR LEVEL SURFACE TO SUIT NEW FLOORING FINISH AS PER MANUFACTURER SPECIFICATIONS.
- PREPARE EXISTING FLOOR AS NEEDED IN AREAS INDICATED BY MECH'L DUGS TO ENSURE NEW DRAIN LOCATION WITH PROPER LOCAL SLOPES (ALSO SEE DETAIL 7/A03).
- REMOVE EXISTING DOOR, FRAMES, HARDWARE AND PERIMETER WOOD TRIM. REMOVE FLOOR CERAMIC TRANSITION TRIM. PROTECT TRANSITION WITH CORRIDOR EXISTING CARPET WITH NEW WORK. DEMOLISH CORRIDOR EXISTING WALL TO SUIT NEW DOOR WIDTH. MAKE GOOD AND PREPARE SURROUNDING WALL SURFACE FOR NEW WORK ON CORRIDOR SIDE.
- THROUGHOUT ALL CONCRETE FLOOR LEVEL AFFECTED BY NEW WORK. FILL ALL UN-USED HOLES, HOLES LEFT BY FLOOR DRAIN, AND TOILET DRAINS WITH NON SHRINK GROUT MATERIAL BEFORE NEW FLOORING APPLICATION INSTALLATION. SUPPLY AND INSTALL 6MM METAL PLATE TO U/S OF CONCRETE FLOOR TO SUIT HOLE WIDTH FOR VOID SUPPORT. SCREW PLATE WITH SUITABLE CONCRETE FASTENERS. REFER TO MECH'L DUG. (ALSO SEE DETAIL 8/A03)

**ARCHITECTURAL PLAN LEGEND:**

- W-E DENOTES: EXISTING INTERIOR (TERRA COTTA MONRY) C/W PLASTER FINISH TO REMAIN (SOME WALLS ARE FULL PLASTER, SOME ARE PARTIAL CERAMIC TILE FINISH)
- W-1 EXISTING WALL AND FINISH TO REMAIN BEHIND - 64mm NEW 20ga METAL STUD @ 400mm O.C. TO U/S OF CEILING CONCRETE SLAB (FULL HEIGHT)
- W-2 EXISTING WALL AND FINISH TO REMAIN BEHIND - 22mm METAL FURRING HORIZONTAL/VERTICAL AT 400mm O.C. TO 150mm ABOVE SUSPENDED GRID. - 12.1mm WATER RESISTANT GYPSUM BOARD TO 150mm ABOVE SUSPENDED CEILING. MUD, TAPE, SAND AND PRIME COAT. - 2.5-3.0mm PVC PANEL 610mm Hg (SEE WALL ELEV.)
- W-3 EXISTING WALL AND FINISH TO REMAIN BEHIND - 12.1mm WATER RESISTANT GYPSUM BOARD TO 150mm ABOVE SUSPENDED CEILING, BOTH SIDES C/W MUD, TAPE, SAND AND PRIME COAT. - 64mm NEW 20ga METAL STUD @ 400mm O.C. TO U/S OF ROOF CONCRETE SLAB - 2.5-3.0mm PVC PANEL 610mm Hg INSTALLED OPPOSITE TO LOCKER WALL ONLY. (SEE WALL ELEV.)
- W-4 NEW CERAMIC TILES TO 1525mm HIGH INSTALLED BOTH SIDES (SEE WALL ELEVATIONS) - 300mm X 300mm X 15mm CONCRETE BLOCKS TO U/S OF ROOF CONCRETE SLAB C/W DOUELS. (SEE DETAIL 8/A01) - 2.5-3.0mm PVC PANEL TO U/S OF SUSPENDED CEILING (CHANGE RM SIDE) - NEW CERAMIC TILES INSTALLED ABOVE SUSPENDED CEILING ON ALL INTERIOR SHOWER AREA WALLS (NO PVC PANELS). SEE WALL ELEV.
- W-5 NEW CERAMIC TILES TO 1525mm HIGH ONE SIDE ONLY - 300mm X 300mm X 15mm CONCRETE BLOCKS TO U/S OF CEILING CONCRETE SLAB - 2.5-3.0mm PVC PANEL TO U/S OF SUSPENDED CEILING - MAINTAIN SPACE BEHIND WALL FOR PLUMBING. - SEE WALL ELEVATIONS - FULL HEIGHT CERAMIC TILE FOR WALL BEHIND SINK ONLY (NO PVC).
- W-5A DENOTES: NEW METAL DOOR AND FRAMES. SEE DOOR AND FINISH SCHEDULES ON DUG A4.
- XX SEE SPECIFIC DRAWING NOTES ON DUGS A1 AND A2.
- SEE SPECIFIC ELEVATION PICS ON DUGS A1.
- SEE SPECIFIC ELEVATION PICS ON DUGS A1.
- SEE SPECIFIC FINISH SCHEDULE ON DUGS A1.
- NEW LAY IN ACOUSTIC TILE CEILING, 610mm x 610mm. SEE FIN. SCHEDULE. - CEILING HEIGHT: 2400mm - INCLUDE ALL TEES, TRIM, TILES AND HANGERS FOR A COMPLETE INSTALLATION.
- NEW GREEN GYPSUM BOARD CEILING (WATERPROOF/MOLD RESISTANT), MUD, TAPE, SAND AND PRIME COAT. - 64mm METAL SUPPORT FRAMING @ 400mm O.C. - CEILING FIN HEIGHT: 2400mm - PROVIDE ALL REQUIRED SUPPORTS FOR LIGHTS FIXTURES.
- REMOVE SUSPENDED CEILING SYSTEM INCL. ALL HANGERS, SUPPORTS, TILES, ELEC'L FIXTURES, MECH'L SUPPLY/RETURN DIFFUSERS, EXHAUST. COORDINATE WITH ELEC'L AND MECH'L.

No.	Date	Revision	By:	For:
1	NOV 2018	ISSUED FOR TENDER	JCW	
2	21 SEPT 2018	DESIGN FINAL REVIEW - APPROVAL	JCW	

Date Printed: \_\_\_\_\_



- Verify all dimensions and site conditions and be responsible for same.
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- A Detail no.  
 No. du détail  
 B Location drawing no.  
 sur dessin no.  
 C Drawing no.  
 dessin no.

project: **U-61: RM205 - WASHROOM RENOVATION (EXPAND LOCKER ROOM AND SHOWER AREA)**

designer: **J-C. W.**    conçu: **J-C. W.**    date: **AUG 2018**    date: **AUG 2018**

drawing: **J-C.W.**    dessin: **J-C.W.**    scale: **AS SHOWN**    échelle: **AS SHOWN**

checked: **SH / BL.**    vérifié: **SH / BL.**    sheet: **2** of/de **5**    feuille: **2** of/de **5**

approved: **D.F.**    approuvé: **D.F.**    W.O.no.: **A1-011227-12**    D.T.no.: **A1-011227-12**

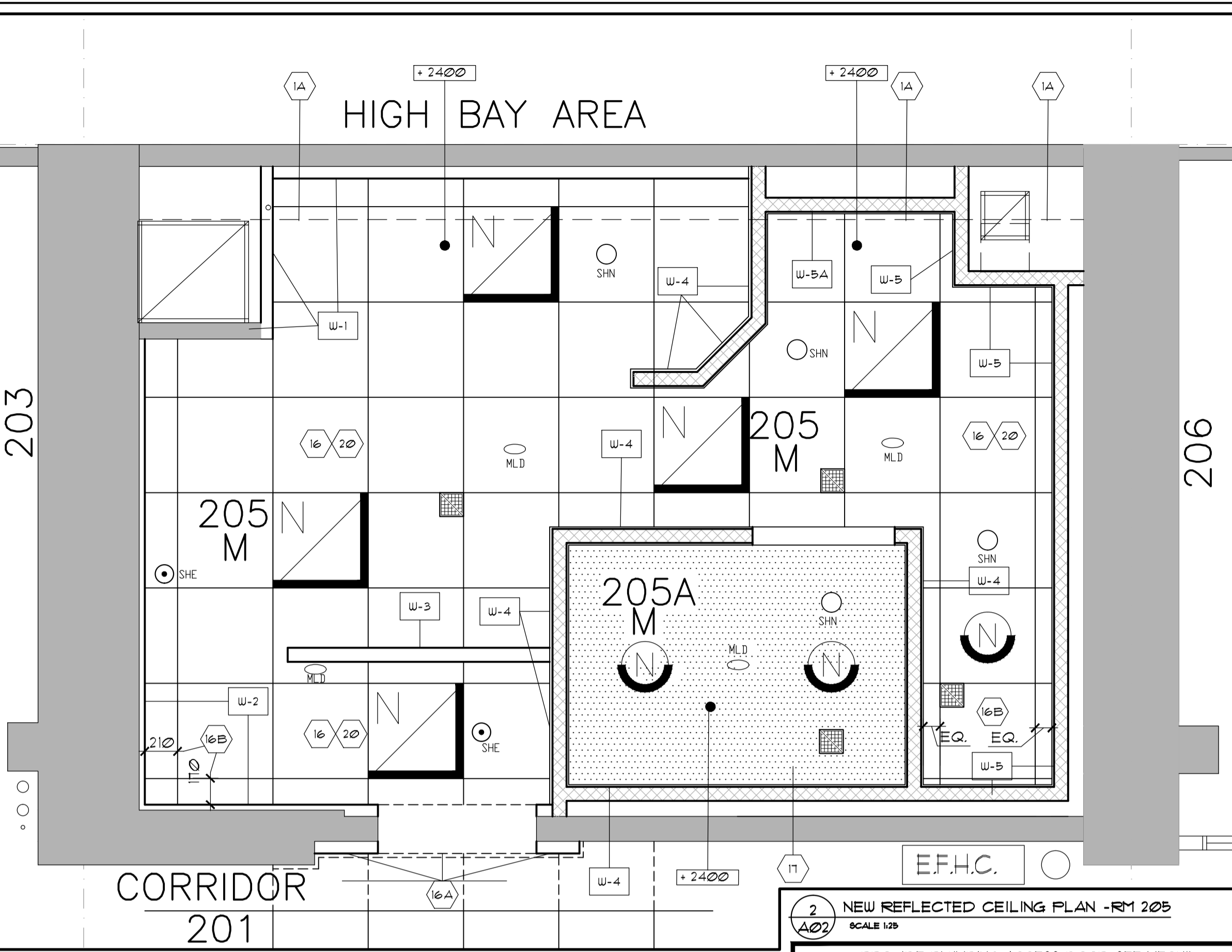
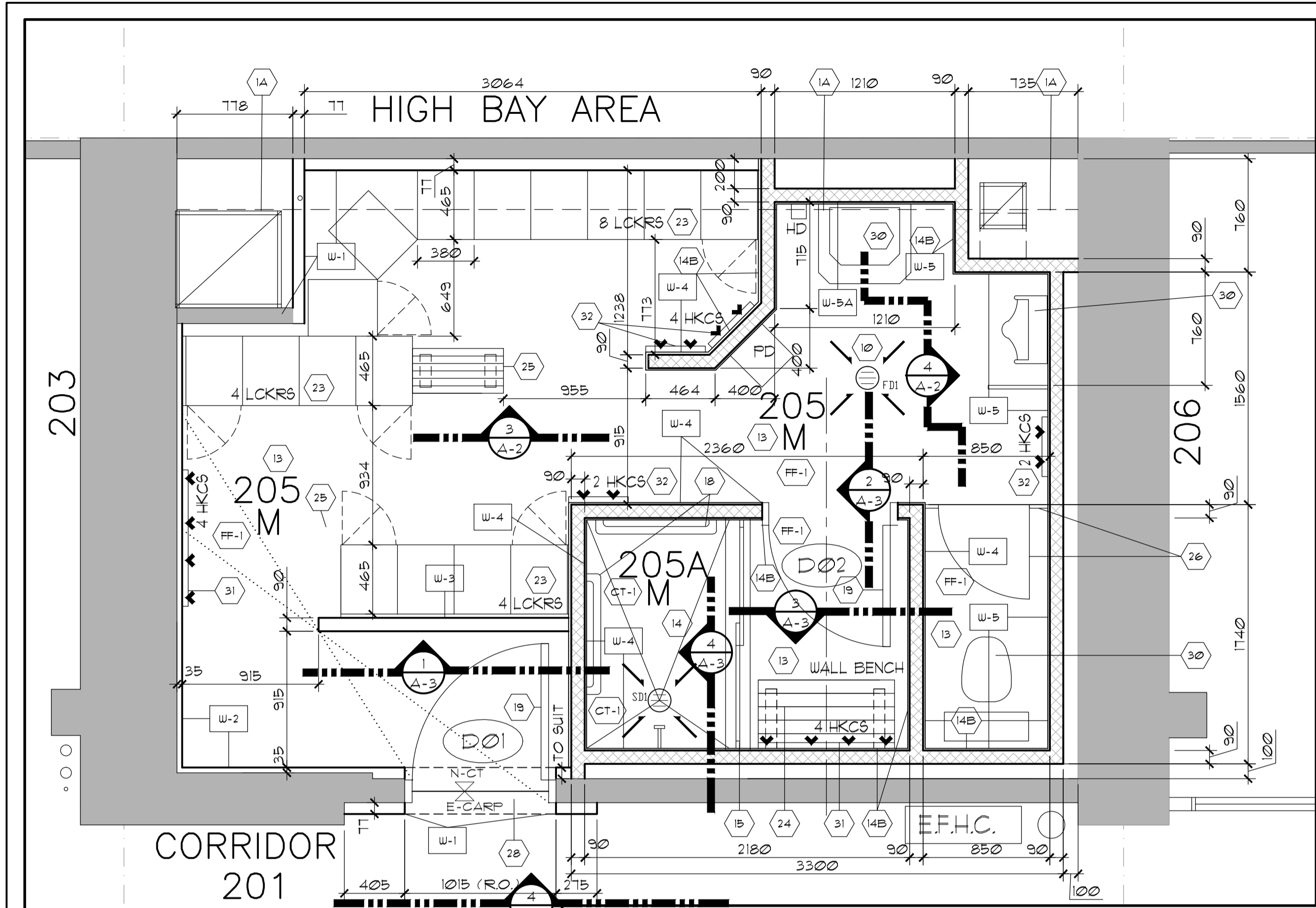
dwg.no.: **5553-A01**    dessin no.: **5553-A01**

Acad File: **5553-U61-ARCH-TENDER**    fichier CDAO: **5553-U61-ARCH-TENDER**



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1 NEW PLAN - RM 205  
SCALE 1/20

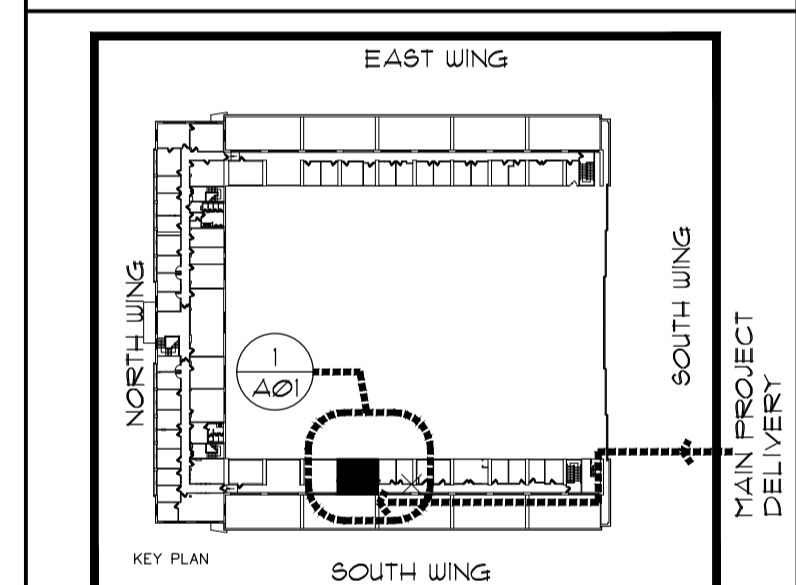
**ARCHITECTURAL NEW NOTES:**

- 13 - INSTALL EPOXY FLOOR SYSTEM BY STONEHARD (STONSHIELD 'HRI') (OR APPROVED EQUIVALENT). COMPLETE WITH INTEGRAL COVE BASE WITH METAL COVE TERMINATION STRIP. TEXTURED ULTRA-SLIP RESISTANT SURFACE. C/W TROUPEL EPOXY MORTAR-BASE. REFER TO WALL TYPE DETAILS ON DUG A1. REFER TO SPECIFICATION.
- 14 - INSTALL ANTI-SLIP CERAMIC TILES (STACK BOND) (500mmx500mm) INSIDE SHOWER FLOOR AND INSIDE CURB ASSEMBLY C/W TILES SLOPE TO DRAIN. WATERPROOF MEMBRANE (FLEXITILE UP-980 SEALED AT DRAIN). USE WATERPROOF, MOLD, MILDEW RESISTANT GROUT AND MORTAR. GROUT USING FLEXITILE TWO PART EPOXY GROUT (COLOR 'BRIGHT WHITE') AND MORTAR TO BE FLEXITILE #51 MIXED WITH FLEXITILE #44 FLOOR TILE TO EXTEND UPWARDS AS SHOWN MIN 100mm UPWARDS AT FULL PERIMETER. INSTALL 19mm CORIAN FULL STRIP AT BASE AND AT BOTH END WALLS C/W BEVELLED EDGES FOR PROPER SHOWER ENCLOSURE ASSEMBLY. SEE DETAIL 5/A03. SEE ALSO NOTE #15 FOR SHOWER ENCLOSURE INFO.
- 14A - INSTALL CERAMIC GLAZED TILES (STACK BOND) (150mm X 450mm) INSIDE SHOWER ENCLOSURE SPACE. PROVIDE GROUT, MORTAR AND WATERPROOF MEMBRANE AS PER NOTE #14. TERMINATE WATERPROOF MEMBRANE 250mm UP AROUND PERIMETER WALLS.
- 15 - SUPPLY AND INSTALL ALUMINUM SHOWER ENCLOSURE C/W SLIDING DOORS, PARTIAL TINTED GLAZING, HANDLES AND TRACKING HARDWARE FOR SMOOTH OPERATION. SEE DETAIL 6/A03.
- 16 - SUPPLY AND INSTALL NEW LAY IN ACOUSTIC TILE CEILING, INCLUDING ALL TEES, TRIM, TILES AND HANGERS FOR A COMPLETE INSTALLATION. SEE FINISH SCHEDULE ON DUG A01.
- 16A - MODIFY EXISTING CEILING GRID AND TILES TO SUIT NEW INSTALLATION OF WALL ON CORRIDOR 201 SIDE. MATCH EXISTING TILE AND SIDE SUPPORTS TRIMS.
- 16B - START NEW GRID LAYOUT AS PER OFFSET DIMS SHOWN.
- 17 - SUPPLY AND INSTALL 12.7mm WATER RESISTANT GYPSUM BOARD CEILING ASSEMBLY C/W 6.4mm METAL (20ga) FURRING AT 400mm O.C. AND VERTICAL BRACING AS SHOWN TO U/S OF ROOF CONCRETE SLAB.
- 18 - SUPPLY AND INSTALL STAINLESS STEEL BARS (QTY 2) AND NEW WALL MOUNTED STAINLESS STEEL SHELF (QTY 2) IN SHOWER AREA.
- 19 - NEW SOLID WOOD CORE DOORS C/W PRESSED METAL FRAMES, WITH PAINTABLE BIRCH FACE AND HARDWOOD EDGES. SEE DOOR SCHEDULE ON DUG A04.
- 20 - FOR NEW LIGHT FIXTURE SUPPLY AND RETURN AIR GRILLS, LIGHT MOTION DETECTORS, SPRINKLER HEADS, REFER TO MECH'L / ELECTR'L.
- 21 - SUPPLY AND INSTALL NEW WALL MOUNTED MIRROR C/W STAINLESS STEEL PERIMETER TRIM, SURFACE MOUNTED SHELF (200mm DEPTH X 400mm WIDTH), SURFACE MOUNTED STAINLESS STEEL WASTE RECEPTACLE, (AMERICAN SPECIALTIES OR APPROVED EQUIVALENT - FROST).
- 22 - INSTALL SOAP DISPENSER, PAPER TOWEL DISPENSER, TOILET PAPER DISPENSER (ALL DISPENSERS SUPPLIED BY NRC).
- 23 - NEW METAL LOCKERS by HADRIAN (380mm wd x 465mm dip x 1830mm hg) C/W TOP INSIDE SHELF SLOPING TOP, 100MM GREY BASE AND READY LOCKING RECESSED HANDLE (QTY 16 LOCKERS).
- 24 - NEW WALL MOUNTED WOOD BENCH C/W 2'-0" CHANNELS GALVANIZED METAL AND STAINED (COLOR TO MATCH PVC PANELS). PROVIDE ADEQUATE THROUGH WALL MASONRY FASTENERS. WOODEN PLANKS TO BE BEVELLED EDGES AND STAINED C/W WATERPROOF CLEAR FINISH.
- 25 - NEW FREE STANDING LOCKER BENCHES COLOR TO MATCH LOCKERS - 305mm x 915mm (QTY 1).
- 26 - NEW TOILET PARTITION ASSEMBLY (BY BOBRICK OR EQUIVALENT), HIGH SCRATCH, DENT, MOISTURE AND IMPACT RESISTANT, ULTRA-HARD GRAFFITI REMOVAL, FLOOR ANCHORED AND OVERHEAD BRACED, DURALINE SERIES - COMPACT LAMINATE (CL FRONOLIC) C/W 19mm X 610mm DOOR, VERTICAL SIDE 12.5mm PANELS (WALL MOUNTED), CONCEALED HARDWARE (HINGES, COAT HOOK, HANDLES C/W INSIDE LATCH AND KEEPER), COLOR = WILLOW GREY 8-431-CA. SEE DETAIL 7/A04.
- 27 - PROVIDE MATCHING GRAY RUBBER BASE ON NEW WALL (CORRIDOR SIDE ONLY). ENSURE CLEAN CUT WITH EXISTING.
- 28 - PROVIDE MATCHING GRAY RUBBER BASE ON NEW WALL (CORRIDOR SIDE ONLY). ENSURE CLEAN CUT WITH EXISTING.
- 29 - PROVIDE PLUMBING ACCESS DOOR. SEE MECH'L DWGS FOR SIZE AND REQUIREMENTS.
- 30 - SUPPLY AND INSTALL NEW STAINLESS STEEL WALL MOUNT LAVATORY, WALL MOUNTED URINAL AND FLOOR MOUNT TOILET. REFER TO MECH'L DWGS FOR MORE INFO.
- 31 - 38mmx140mmx19mm BIRCH SUPPORT C/W BEVELLED EDGES FASTENED TO WALL. INSTALLED 50mm ABOVE PANEL. 'J' TRIM (MATCH FINISH OF BENCH IN SHOWER ROOM). SCREW-IN STAINLESS STEEL ROBE HOOKS (QTY 4) CENTERED ON EACH PIECE (QTY 2).
- 32 - 38mmx140mmx19mm BIRCH SUPPORT C/W BEVELLED EDGES FASTENED TO WALL 50mm ABOVE 'J' PANEL TRIMS (MATCH FINISH OF BENCH IN SHOWER ROOM). SCREW-IN STAINLESS STEEL ROBE HOOKS (QTY 2) CENTERED ON EACH PIECE (QTY 4).
- 33 - SUPPLY AND INSTALL PVC CLADDING SYSTEM C/W 25MM-3.0MM SEMI RIGID PVC PANELS. SEE DETAILS 6/A04. SEE ALL WALL ELEVATIONS FOR EXTENT.
- 34 - CORE DRILL PLUMBING LINES AND DRAINAGE TO SUIT OFFSET OF BEAM. COORDINATE WITH MECH'L REG'S.

2 NEW REFLECTED CEILING PLAN - RM 205  
SCALE 1/20

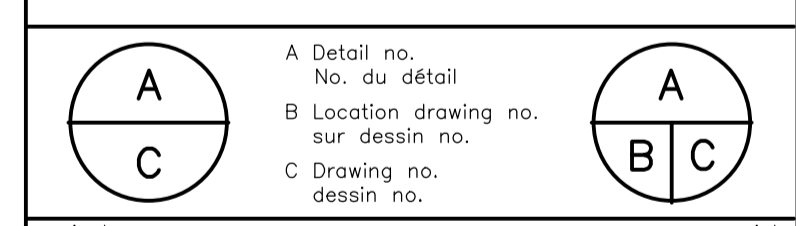
No.	Date	Revision	By
1	NOV 2018	ISSUED FOR TENDER	JCW
2	21 SEPT 2018	DESIGN FINAL REVIEW - APPROVAL	JCW

**KEY PLAN**



**BUILDING U-61 KEY PLAN**  
NOT TO SCALE

- Verify all dimensions and site conditions and be responsible for same.
- Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité.

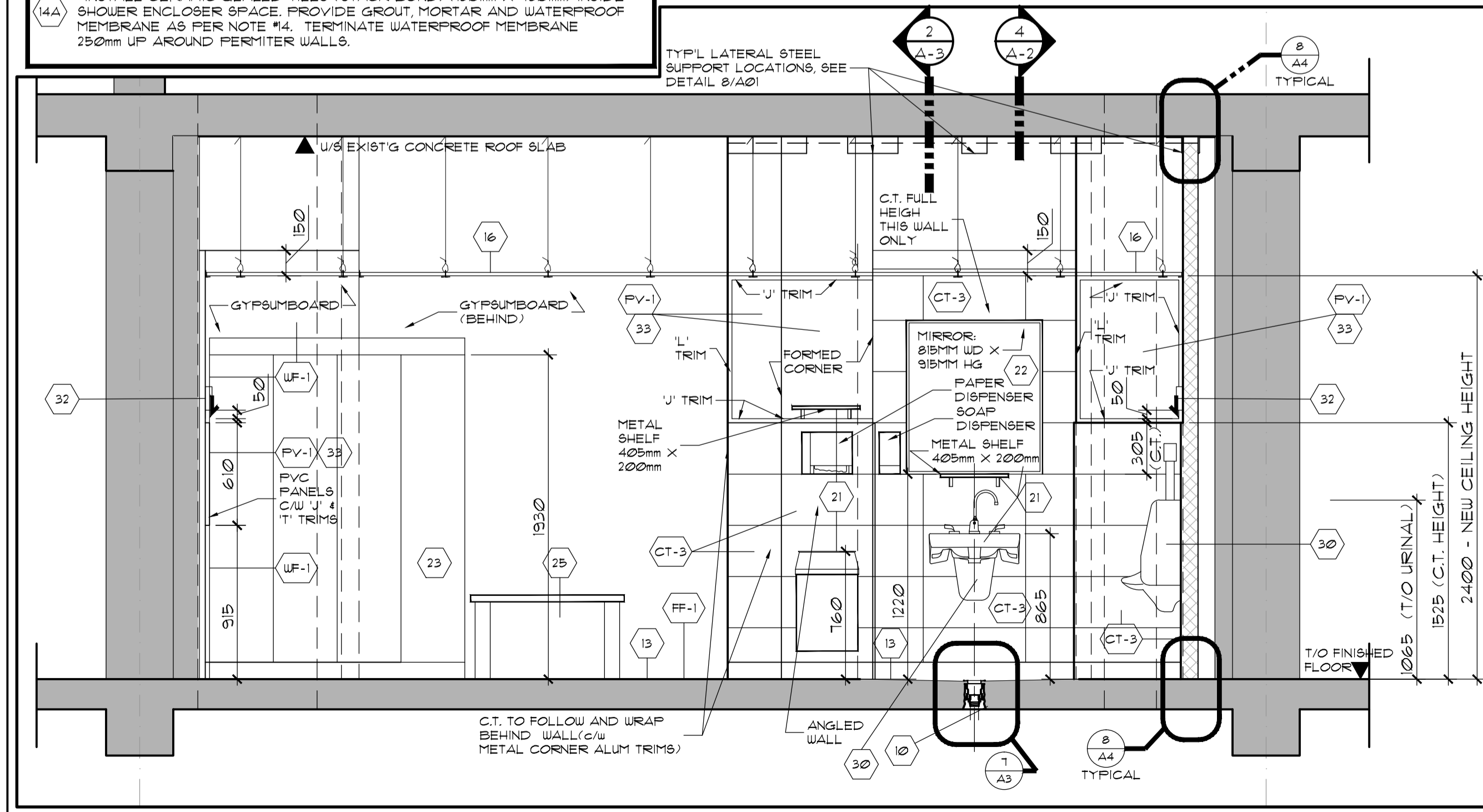


project: U-61: RM205 - WASHROOM RENOVATION (EXPAND LOCKER ROOM AND SHOWER AREA)

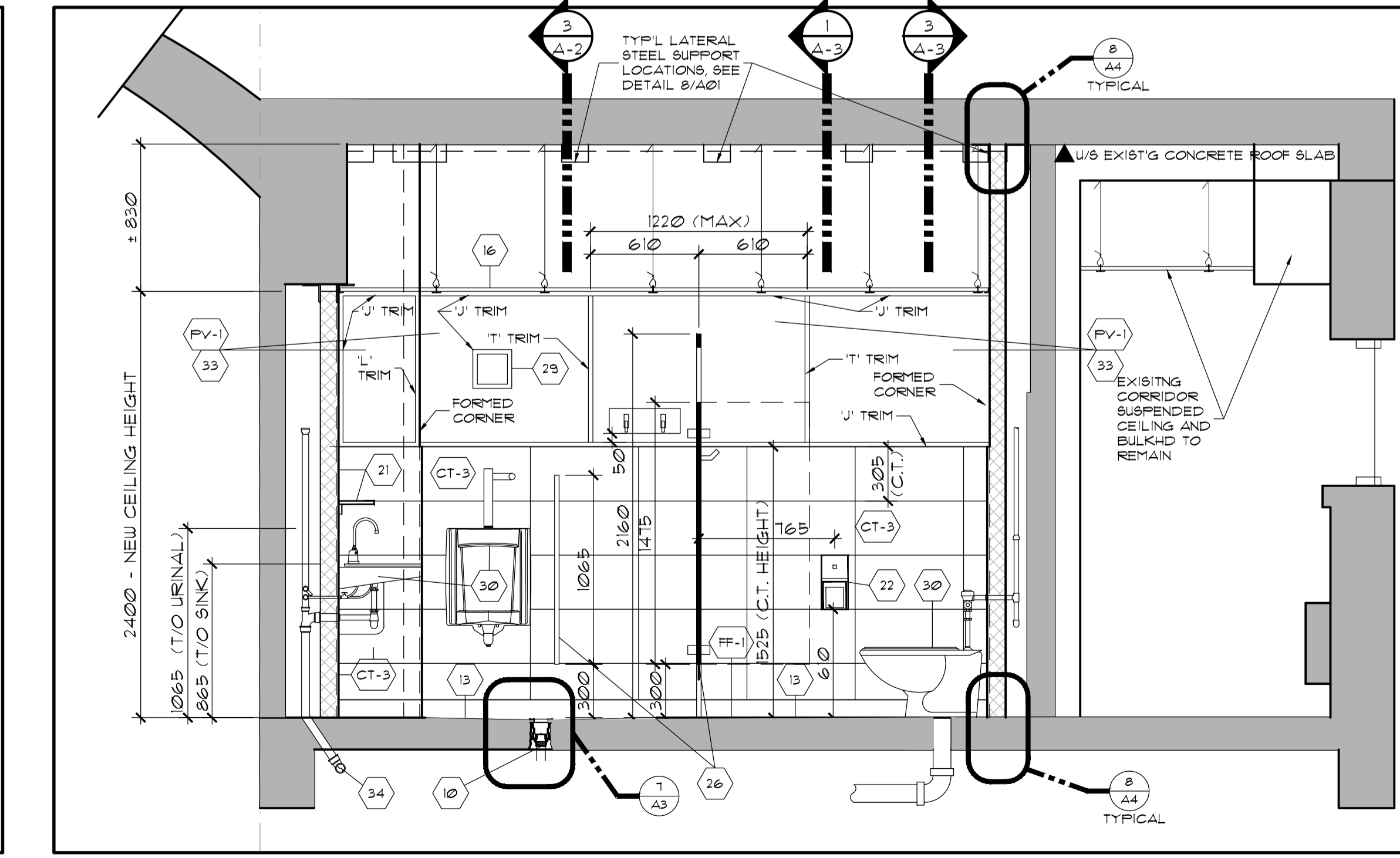
UPLANDS CAMPUS  
 ROOM 205 & 205A  
 - NEW FLOOR PLAN  
 - NEW REFLECTED CEILING PLAN  
 - MISC NEW WALL ELEVATION  
 - ARCHITECTURAL NEW NOTES

designed	conçu	date	date
J.-C. W.	J.-C.W.	AUG 2018	AUG 2018
drawn	dessiné	scale	échelle
J.-C.W.	J.-C.W.	AS SHOWN	AS SHOWN
checked	vérifié	sheet	feuille
SH / BL.	SH / BL.	3 of/de 5	3 of/de 5
approved	approuvé	W.O.no.	D.T.no.
D.F.	D.F.	A1-011227-12	A1-011227-12

dwg.no.: 5553-A02  
 Acad File: 5553-U61-ARCH-TENDER  
 fichier CDAO



3 LOCKER AREA ELEVATION - RM 205  
SCALE 1/20

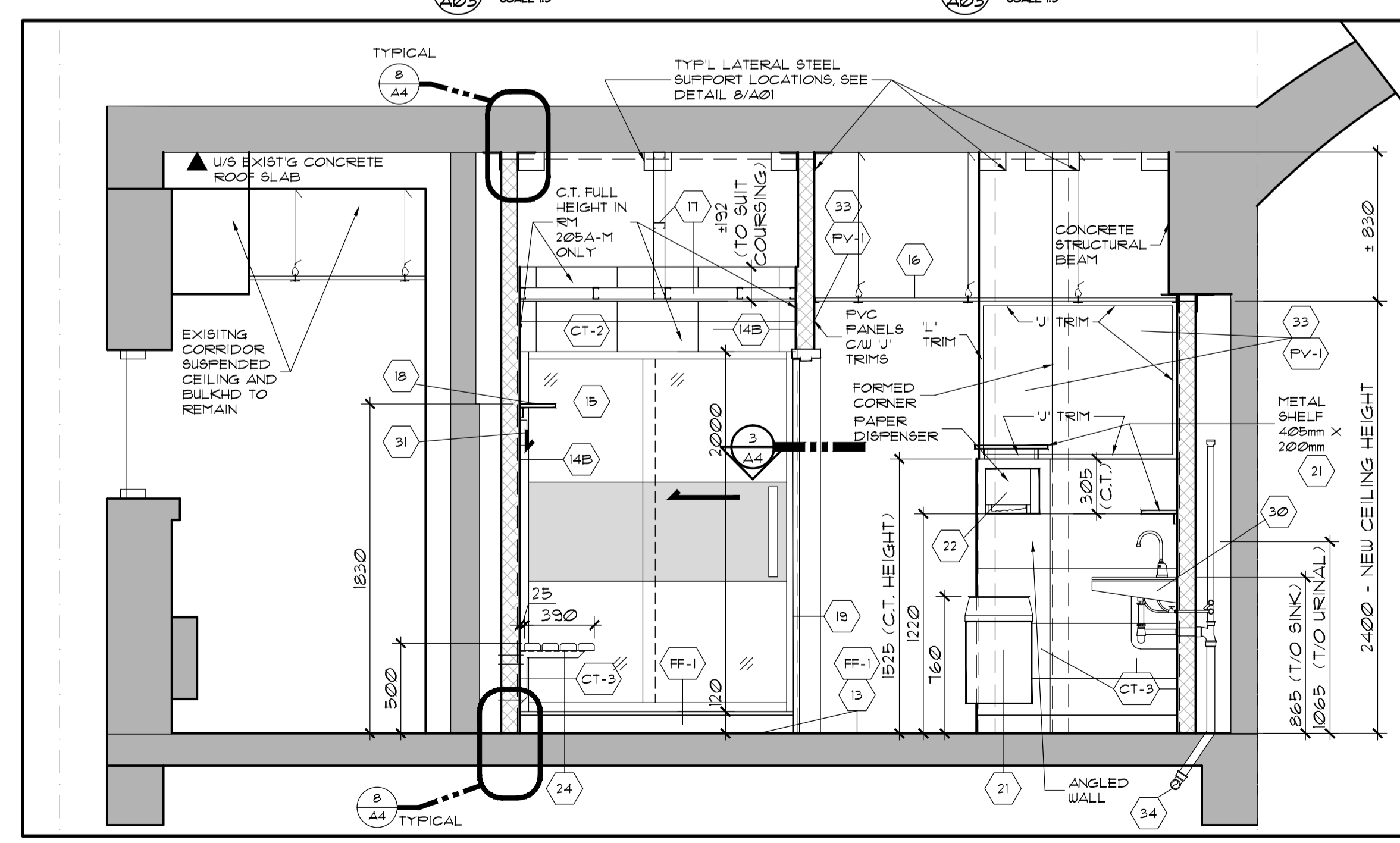
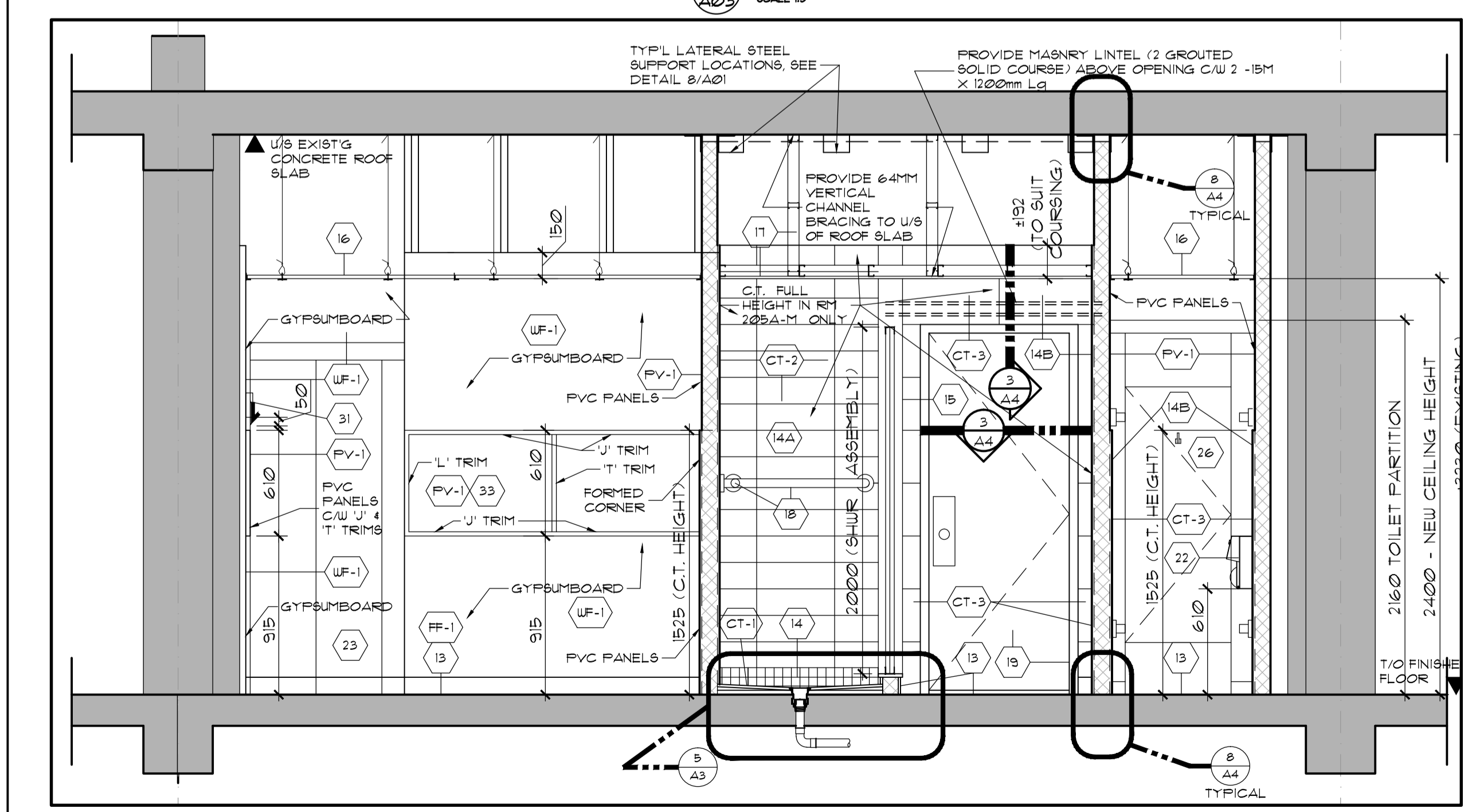
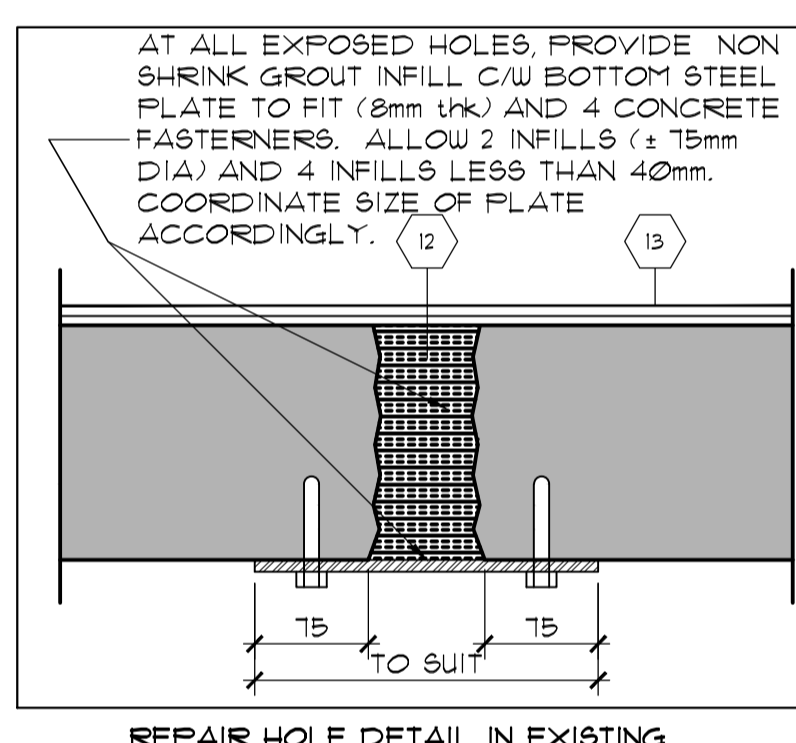
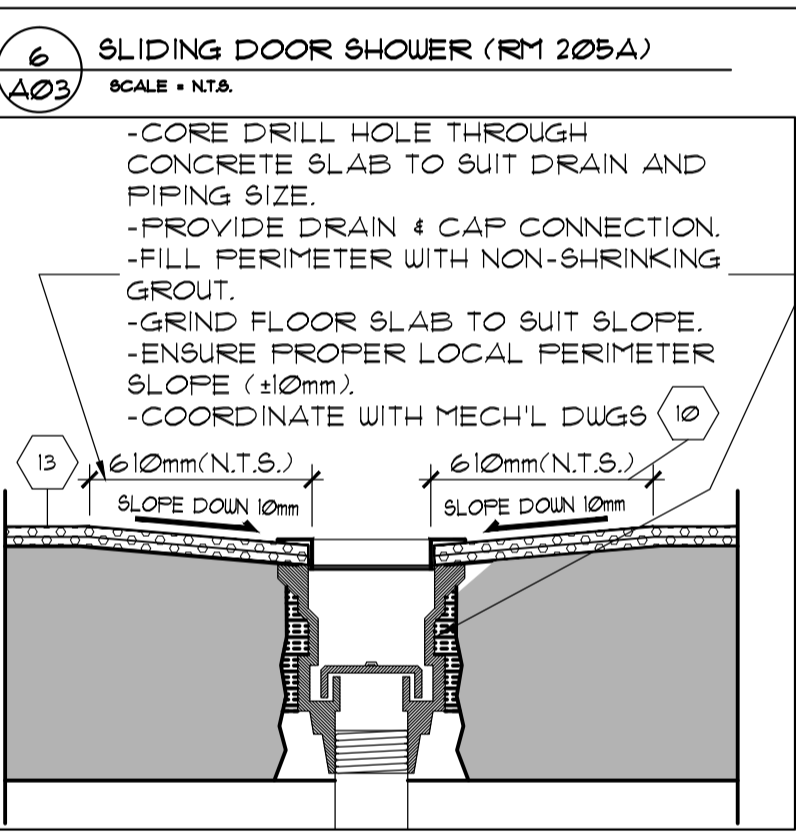
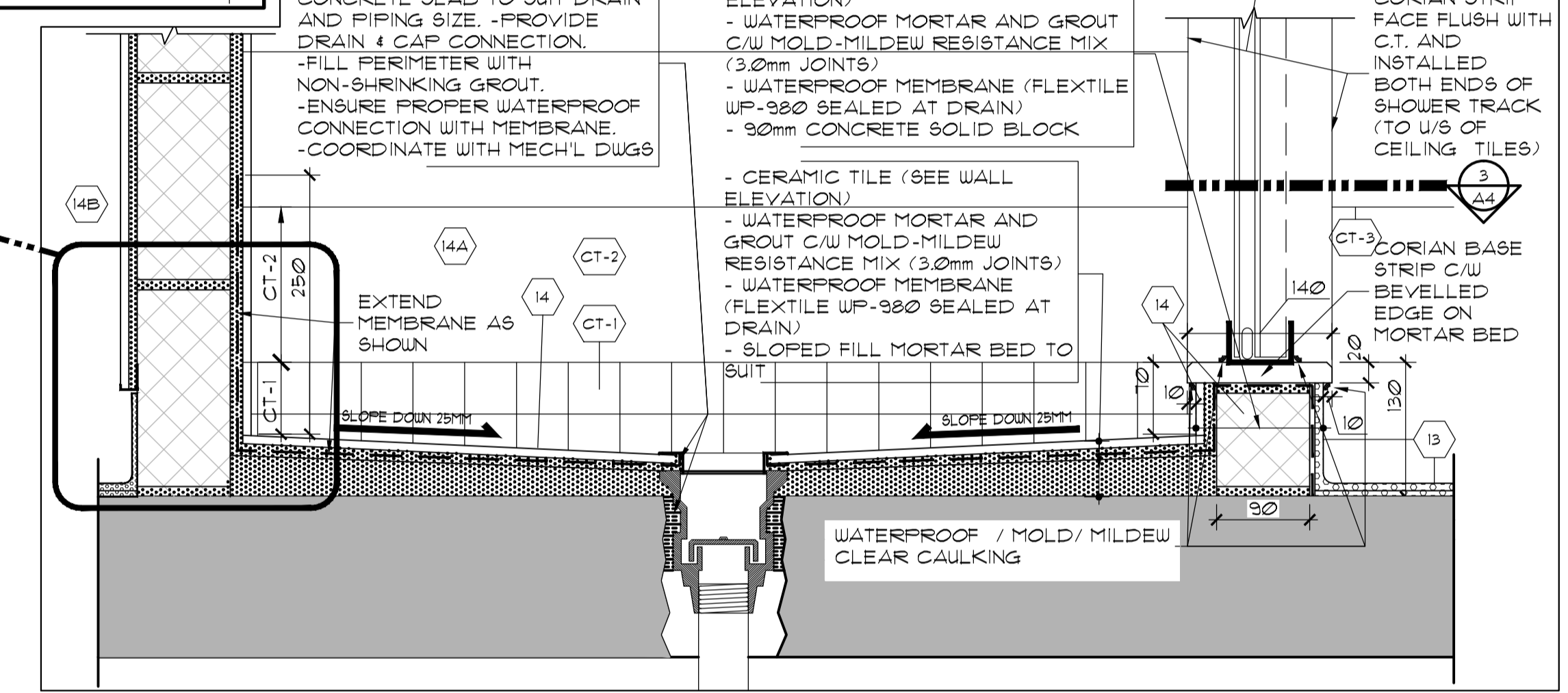
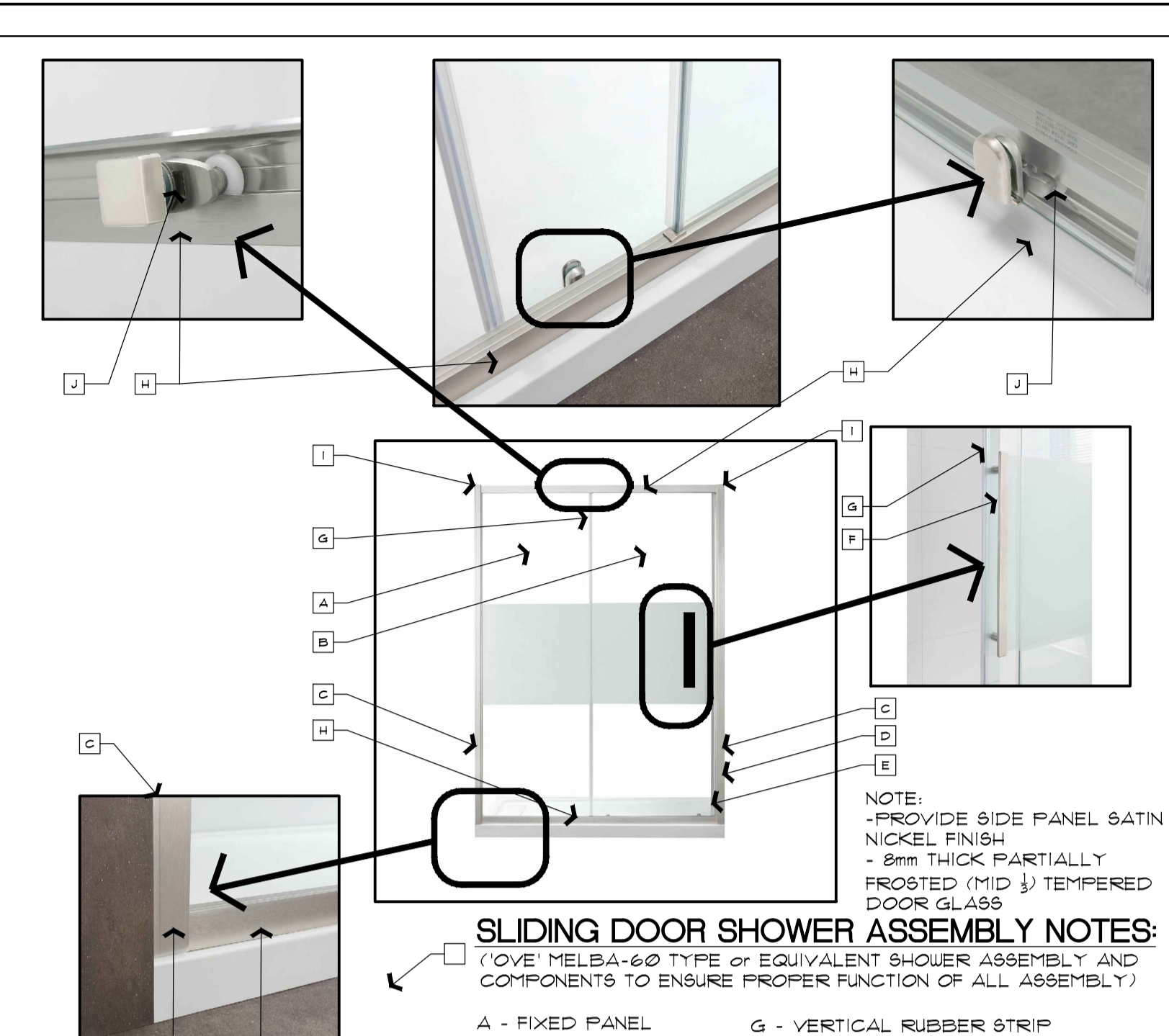
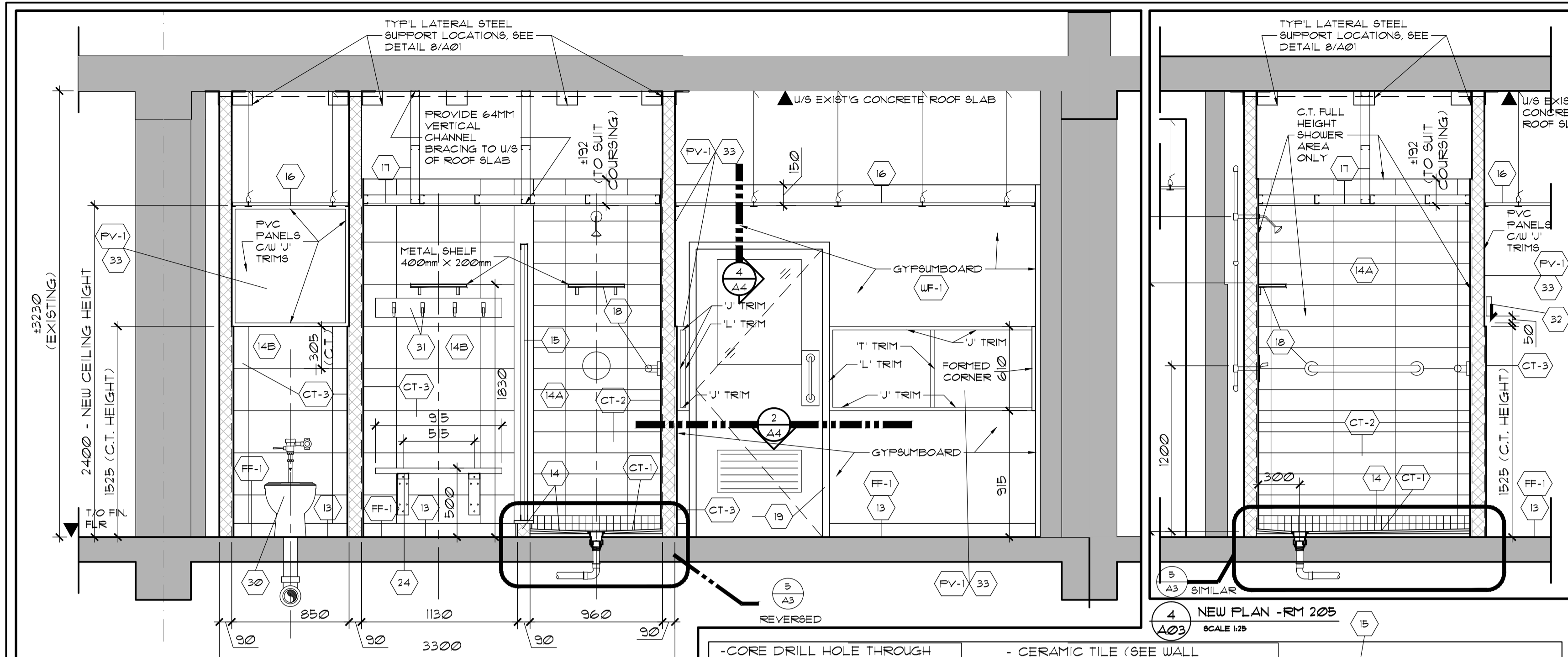


4 WASHROOM AREA ELEVATION - RM 205A  
SCALE 1/20

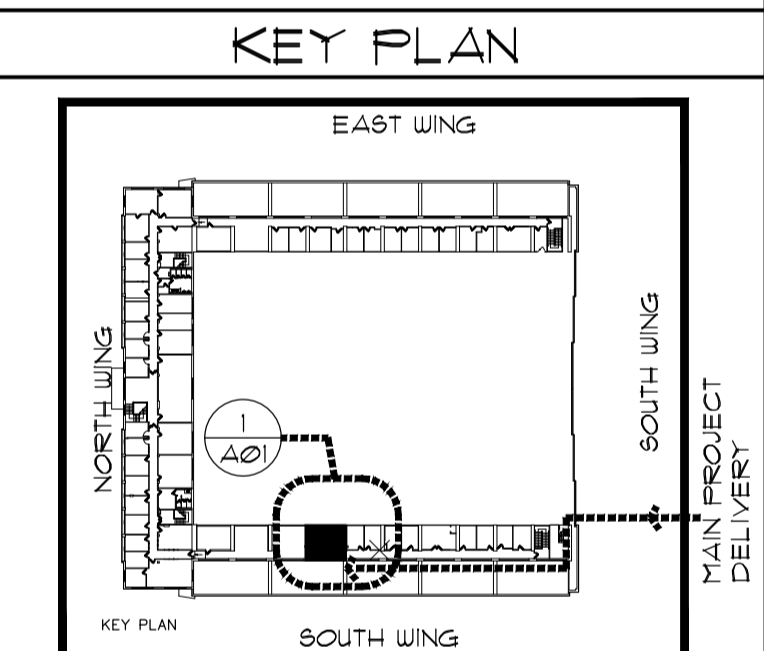


# NRC - CNRC

- ### GENERAL NOTES
- CONTRACTORS TO CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO DEMOLITION OR CONSTRUCTION AND REPORT ANY ERRORS OR OMISSIONS TO DEPARTMENTAL REPRESENTATIVE.
  - CONTRACTORS MUST VISIT THE SITE & FULLY FAMILIARIZE THEMSELVES WITH THE SCOPE OF THE WORK.
  - CONTRACTORS MUST PREVENT THE SPREAD OF DUST & DEBRIS BEYOND THE WORK AREA AND CLEAN ALL SURFACES AT COMPLETION OF THEIR WORK. MAKE GOOD ALL SURFACES AFFECTED BY THIS WORK.
  - G.C. TO PATCH AND MAKE GOOD ALL WALLS, CEILINGS AND FLOORS WHERE MECHANICAL, ELECTRICAL & ARCHITECTURAL ITEMS HAVE BEEN REMOVED.
  - COORDINATE ALL SHUTDOWNS WITH THE DEPARTMENTAL REPRESENTATIVE.
  - ARCHITECTURAL DRAWING 5553-A00 TO 5553-A04 TO BE READ IN CONJUNCTION WITH MECHANICAL DRAWINGS 5553-M01 & ELECTRICAL 5553-E01 AND SPECIFICATIONS.



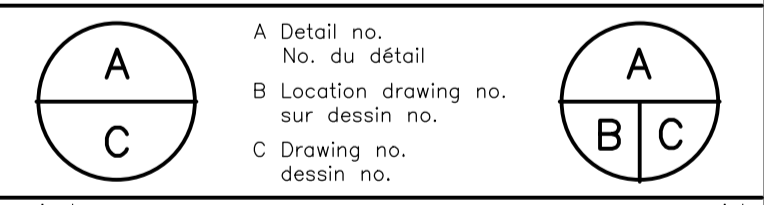
No.	Date	Revision	By	For
1	NOV 2018	ISSUED FOR TENDER	JCW	
2	21 SEPT 2018	DESIGN FINAL REVIEW - APPROVAL	JCW	



### BUILDING U-61 KEY PLAN

NOT TO SCALE

- Verify all dimensions and site conditions and be responsible for same.
- Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité.



### U-61: RM205 - WASHROOM RENOVATION (EXPAND LOCKER ROOM AND SHOWER AREA)

UPLANDS CAMPUS

ROOM 205 & 205A  
 - MISC SHOWER ASSEMBLY  
 - SHOWER CURB & DRAIN, FLOOR DRAIN AND MISC DETAILS  
 - SHOWER WALL PLAN AND ELEVATION

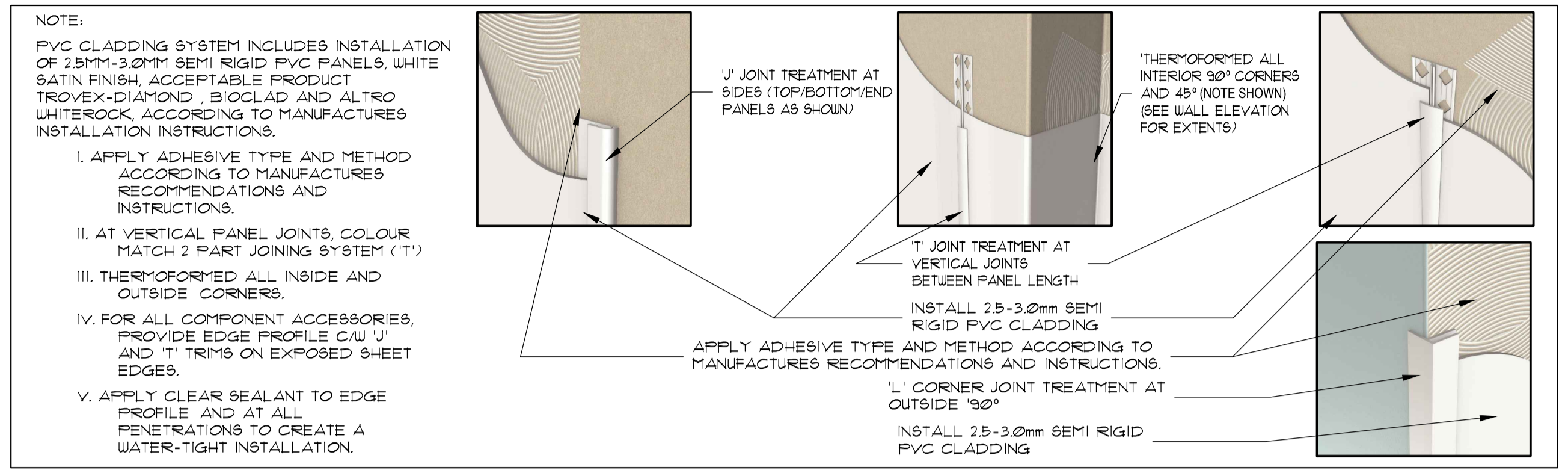
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J.-C. W.		AUG 2018	
drawn	dessiné	scale	échelle
J.-C.W.		AS SHOWN	
checked	vérifié	sheet	feuille
SH / BL.		4 of/de 5	
approved	approuvé	W.O.no.	D.T.no.
D.F.		A1-011227-12	

dwg.no. 5553-A03  
 Acad File: 5553-U61-ARCH-TENDER

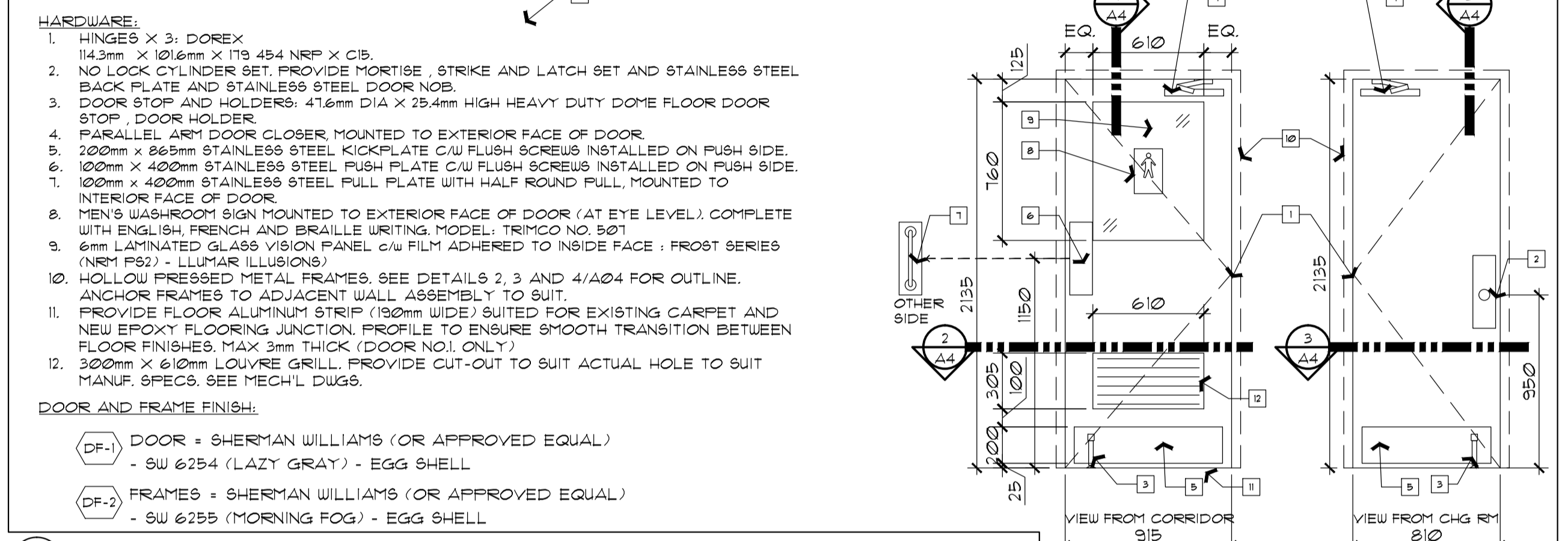


# NRC - CNRC

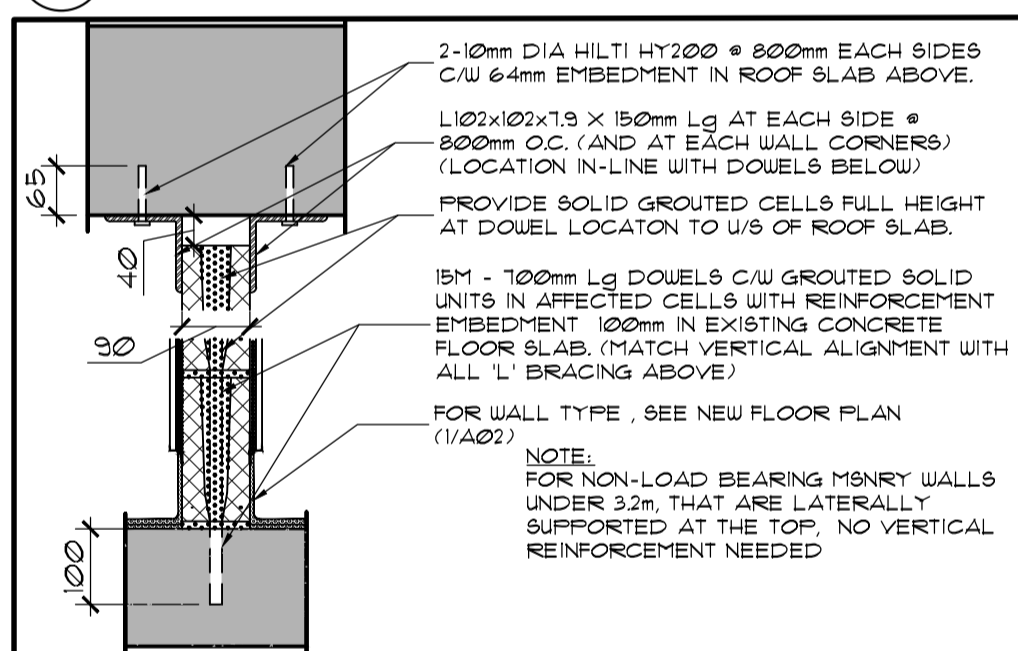
- ### GENERAL NOTES
- CONTRACTORS TO CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO DEMOLITION OR CONSTRUCTION AND REPORT ANY ERRORS OR OMISSIONS TO DEPARTMENTAL REPRESENTATIVE.
  - CONTRACTORS MUST VISIT THE SITE & FULLY FAMILIARIZE THEMSELVES WITH THE SCOPE OF THE WORK.
  - CONTRACTORS MUST PREVENT THE SPREAD OF DUST & DEBRIS BEYOND THE WORK AREA AND CLEAN ALL SURFACES AT COMPLETION OF THEIR WORK. MAKE GOOD ALL SURFACES AFFECTED BY THIS WORK.
  - G.C. TO PATCH AND MAKE GOOD ALL WALLS, CEILING AND FLOORS WHERE MECHANICAL, ELECTRICAL & ARCHITECTURAL ITEMS HAVE BEEN REMOVED.
  - COORDINATE ALL SHUTDOWNS WITH THE DEPARTMENTAL REPRESENTATIVE.
  - ARCHITECTURAL DRAWING 5553-A00 TO 5553-A04 TO BE READ IN CONJUNCTION WITH MECHANICAL DRAWINGS 5553-M01 & ELECTRICAL 5553-E01 AND SPECIFICATIONS.



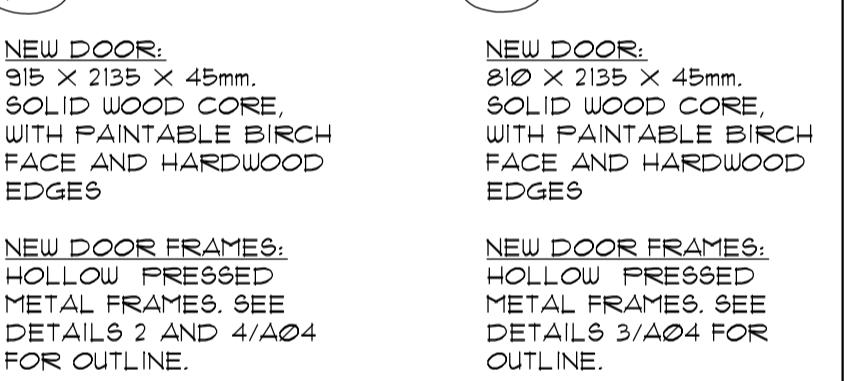
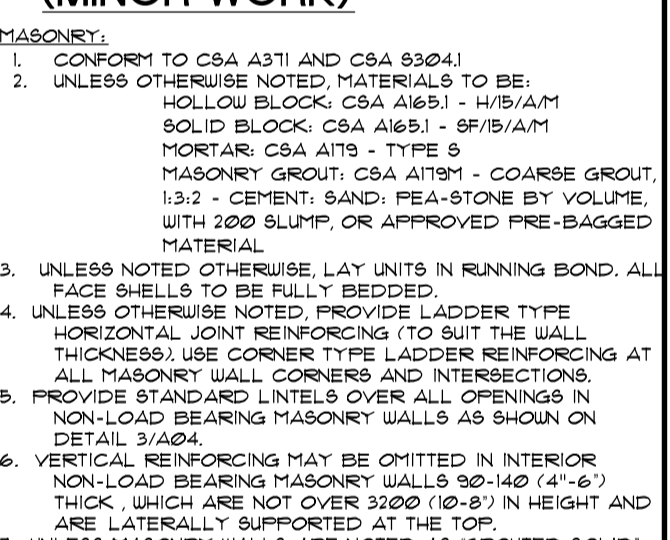
### DOOR SCHEDULE (NEW RM 205, 205A)



### DOOR SCHEDULE

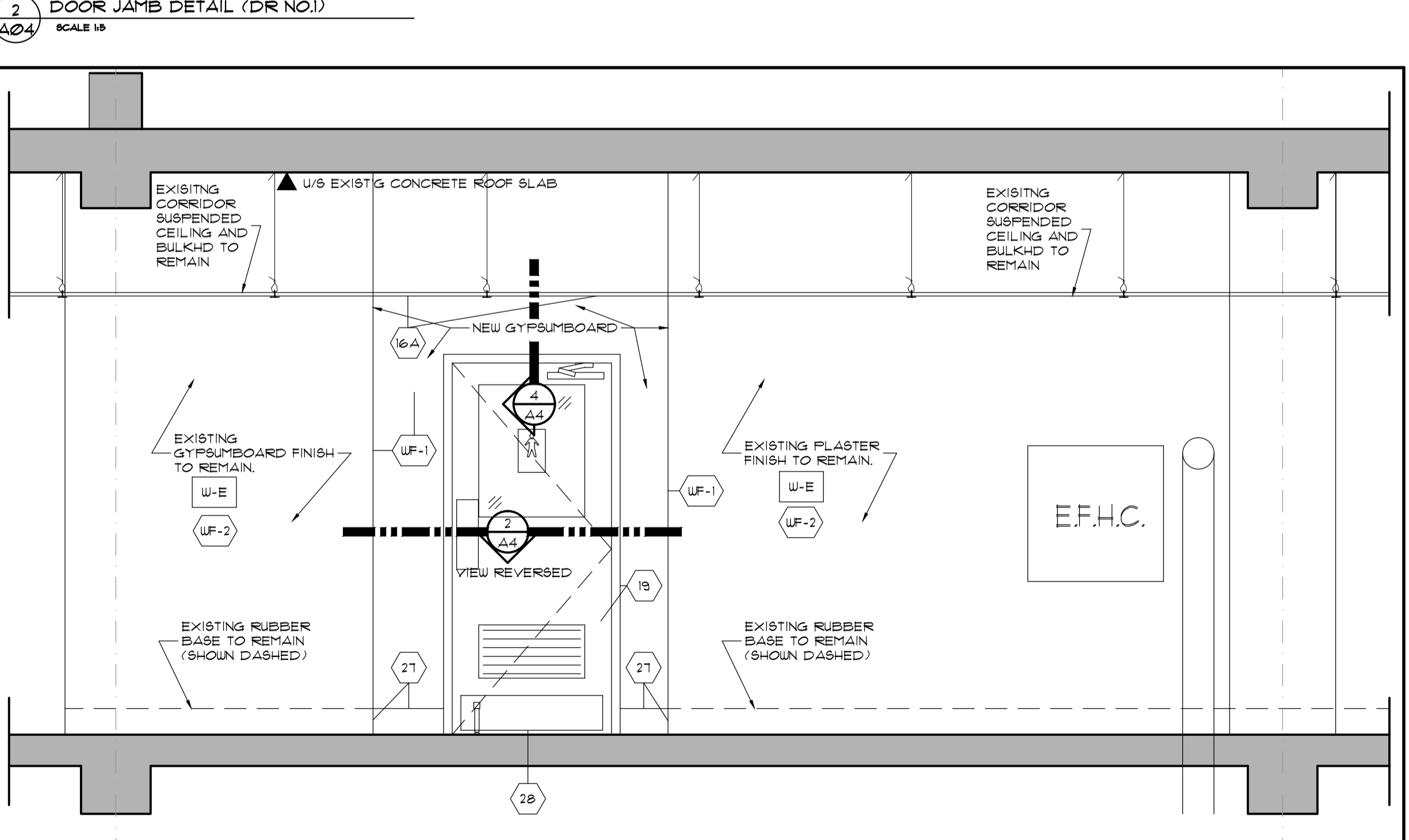
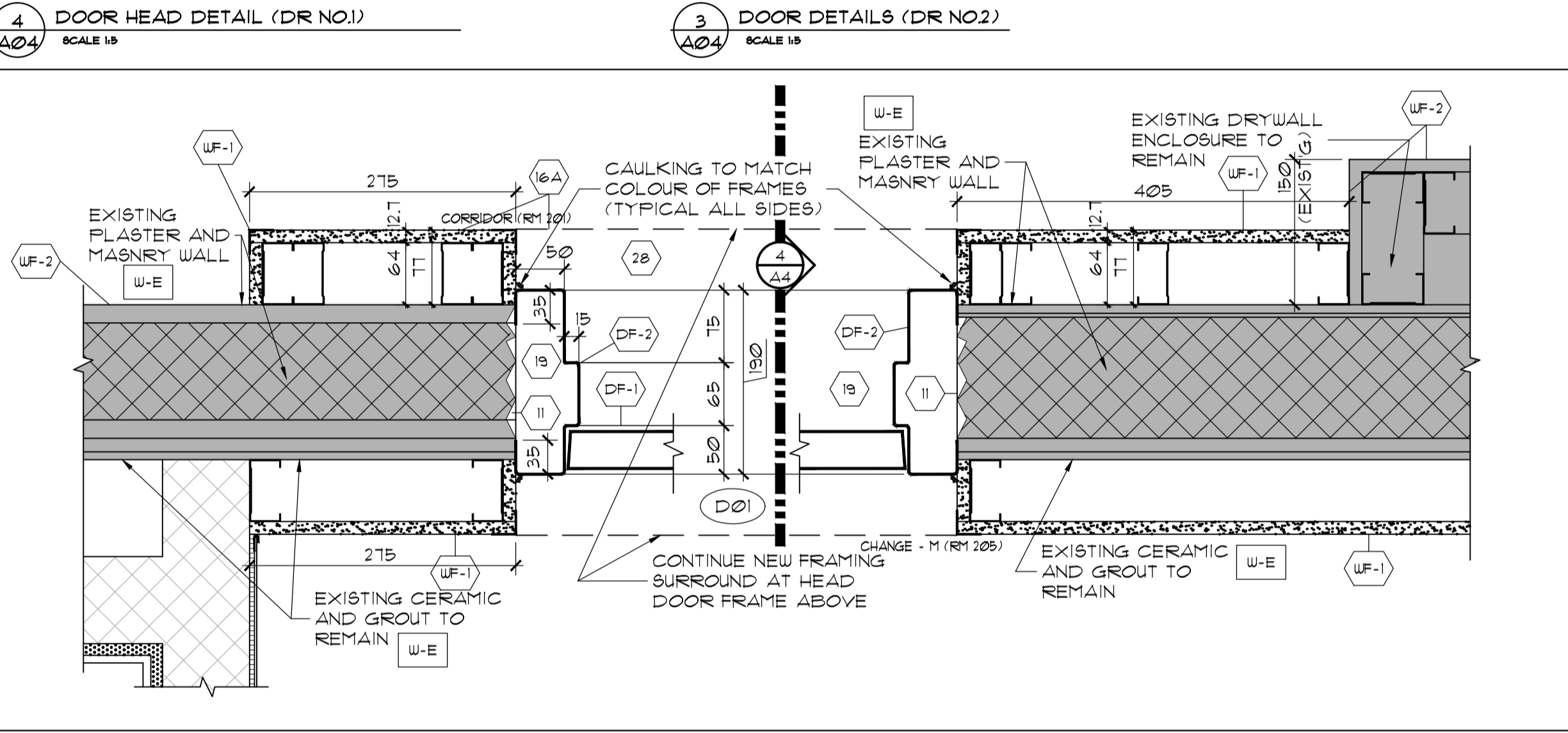
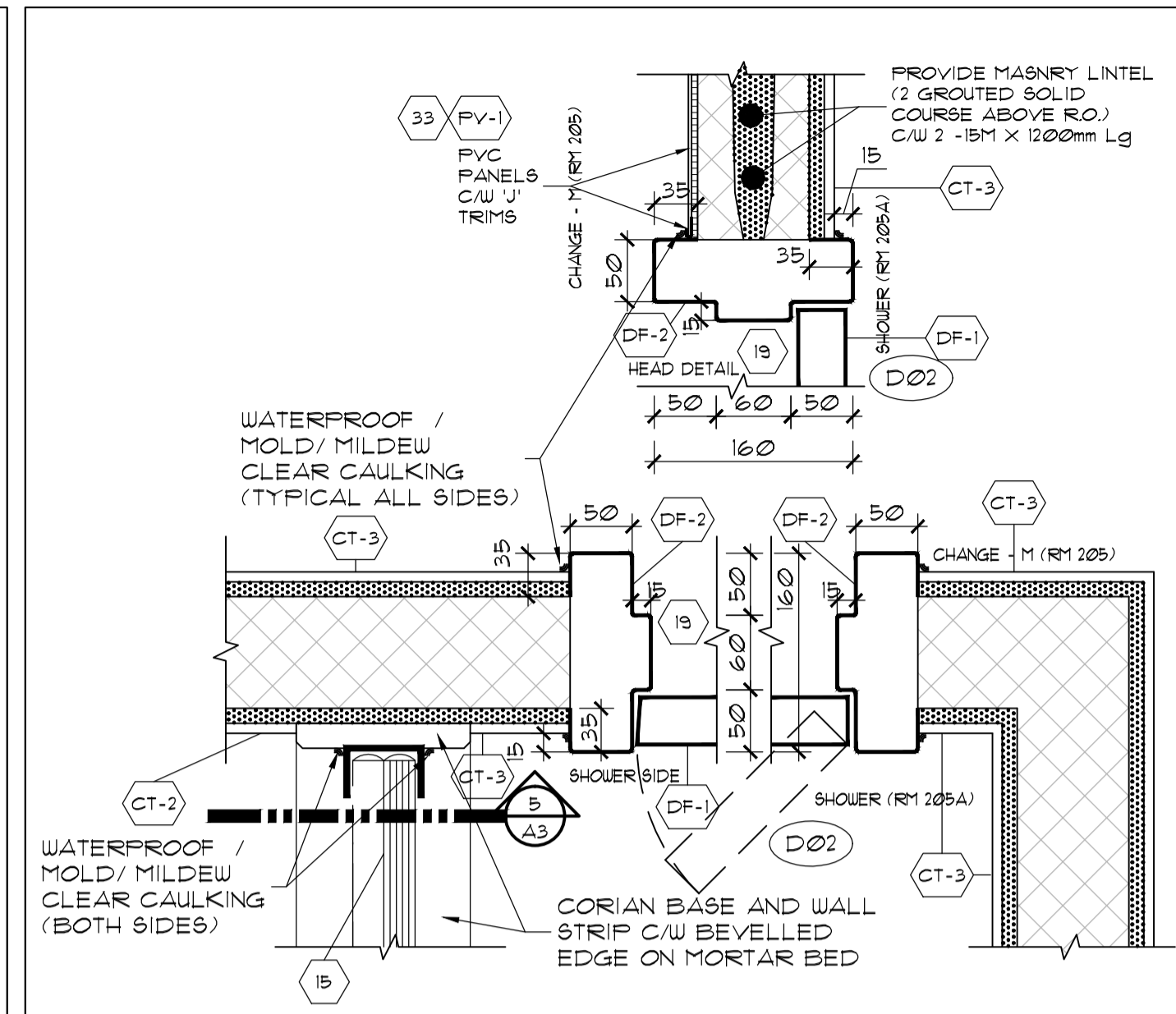
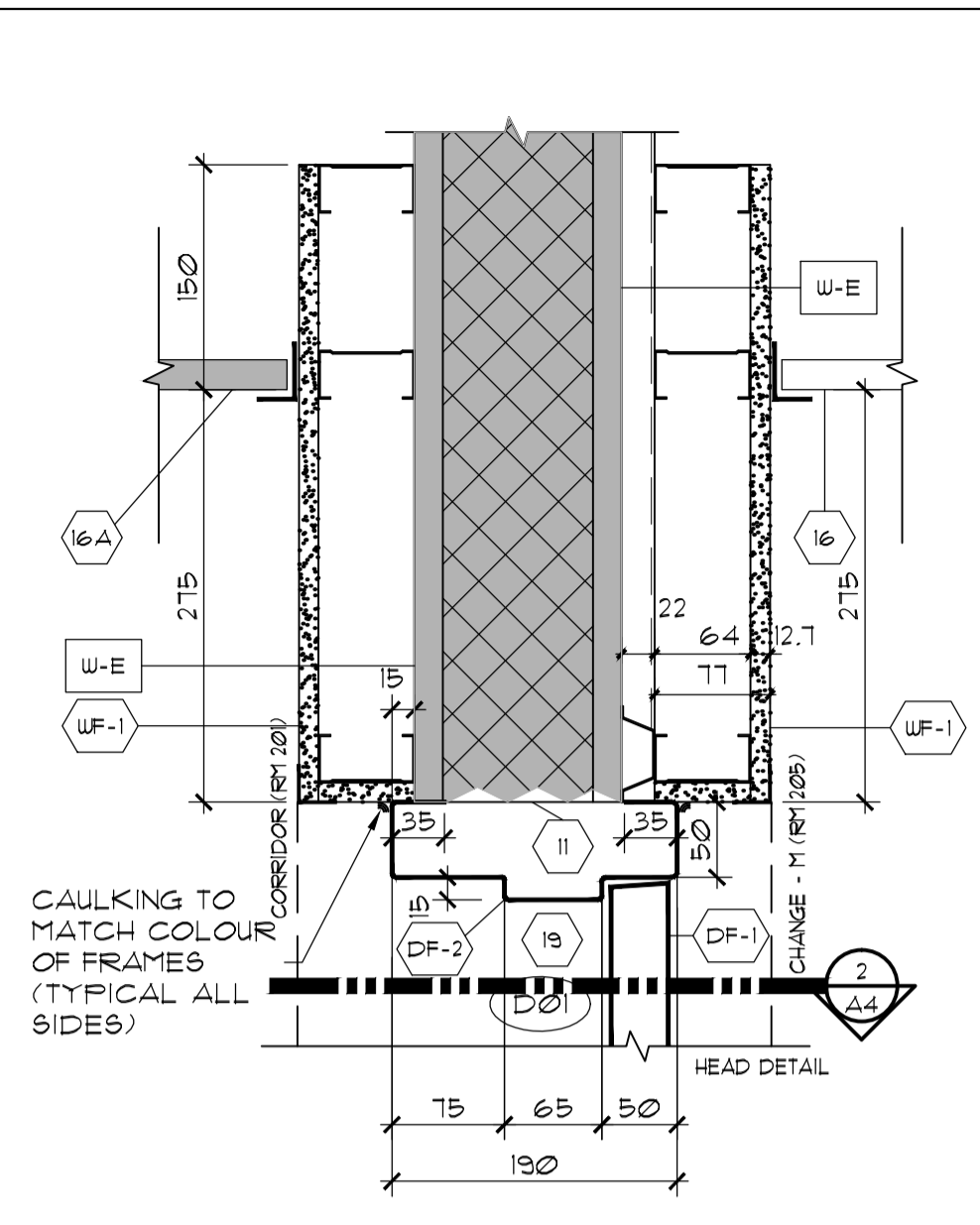
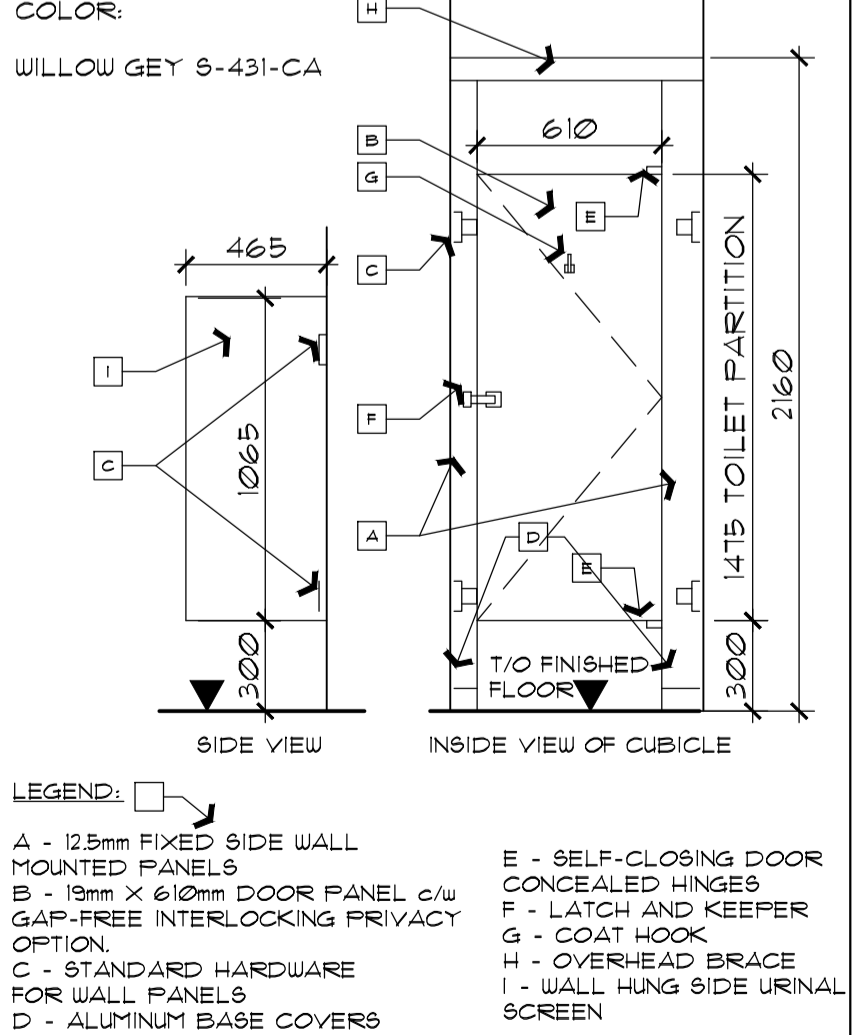


### MASONRY SCHEDULE (MINOR WORK)



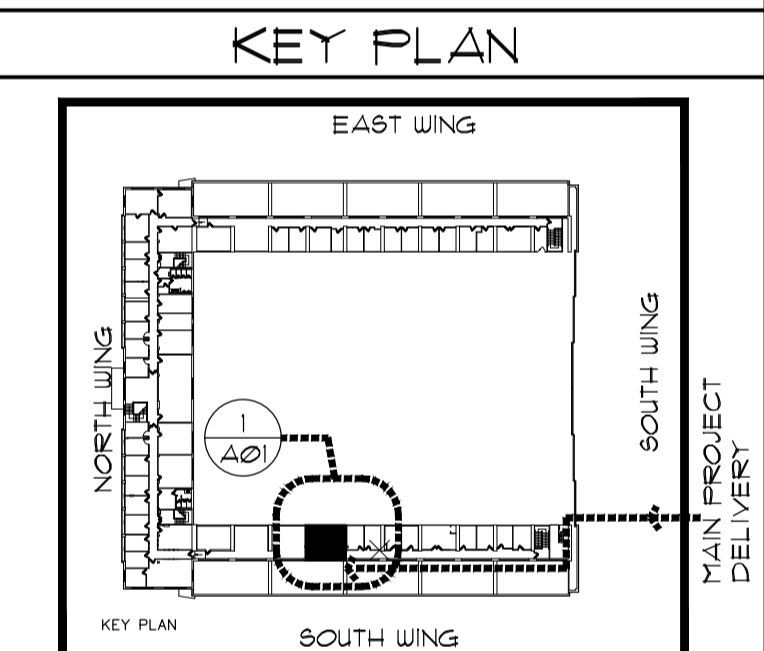
### NEW TOILET PARTITION ASSEMBLY NOTES:

- NEW TOILET PARTITION ASSEMBLY (BY BOBRICK OR EQUIVALENT):
- HIGH SCRATCH, DENT, MOISTURE AND IMPACT RESISTANT
  - ULTRA-HARD GRAFFITI REMOVAL
  - FLOOR ANCHORED AND OVER-HEAD BRACED
  - "DURALINE SERIES" - COMPACT LAMINATE (GL PHENOLIC)
- COLOR:**  
 WILLOW GEY 8-431-CA



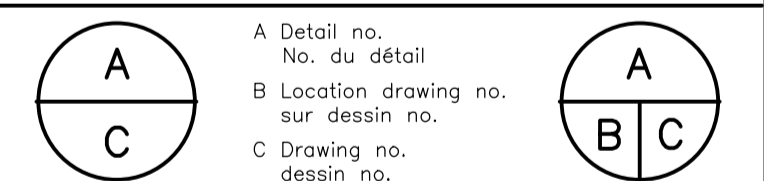
No.	Date	Revision	By
1	NOV 2018	ISSUED FOR TENDER	JCW
2	21 SEPT 2018	DESIGN FINAL REVIEW - APPROVAL	JCW

Date Printed: \_\_\_\_\_



### BUILDING U-61 KEY PLAN

- NOT TO SCALE
- Verify all dimensions and site conditions and be responsible for same
  - Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité



project: U-61: RM205 - WASHROOM RENOVATION (EXPAND LOCKER ROOM AND SHOWER AREA)

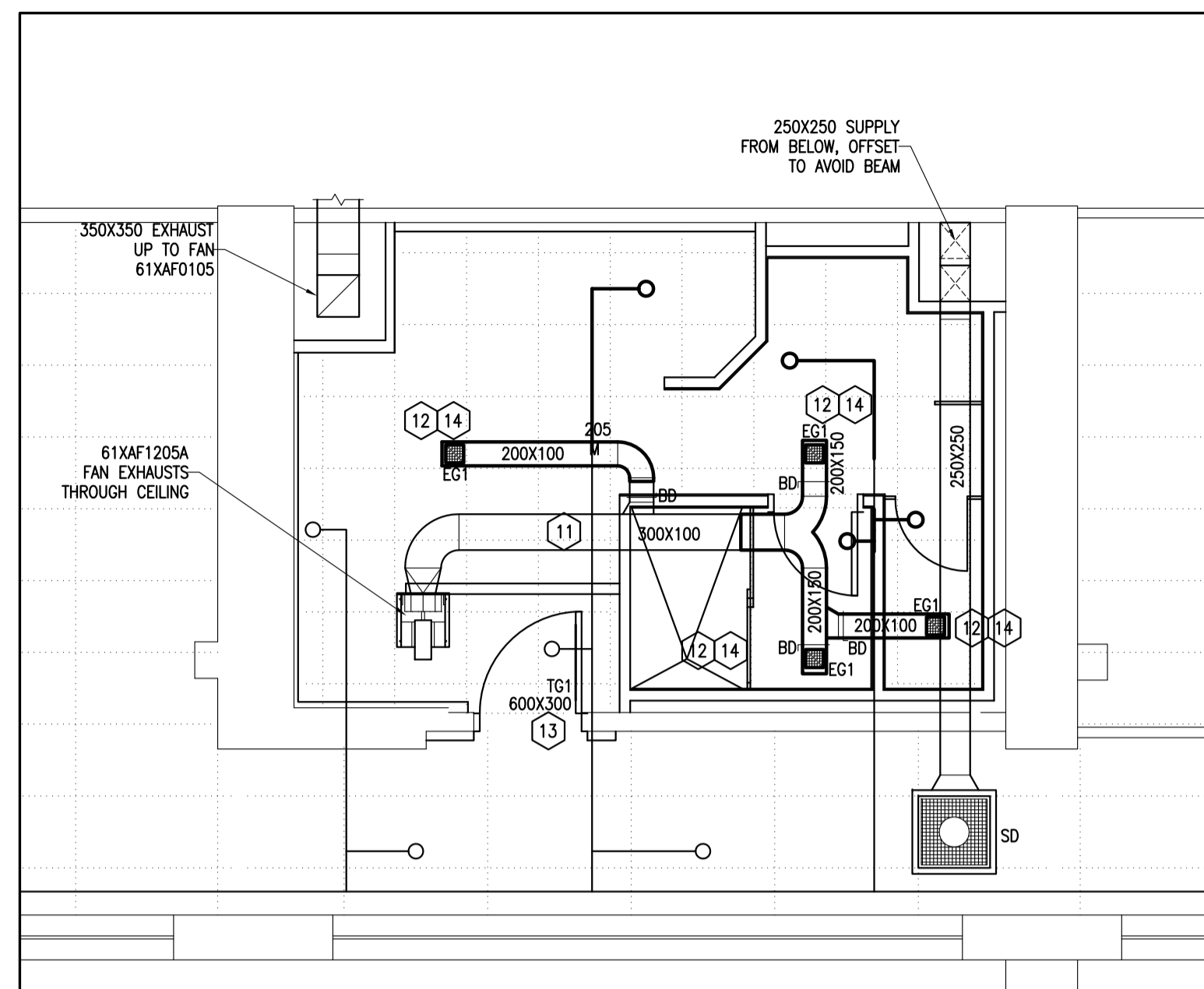
### UPLANDS CAMPUS

ROOM 205 & 205A  
 - DOOR AND MASONRY SCHEDULE  
 - MISC DOOR AND FRAME DETAILS  
 - CORRIDOR WALL ELEVATION  
 - PVC CLADDING AND TOILET ASSEMBLIES

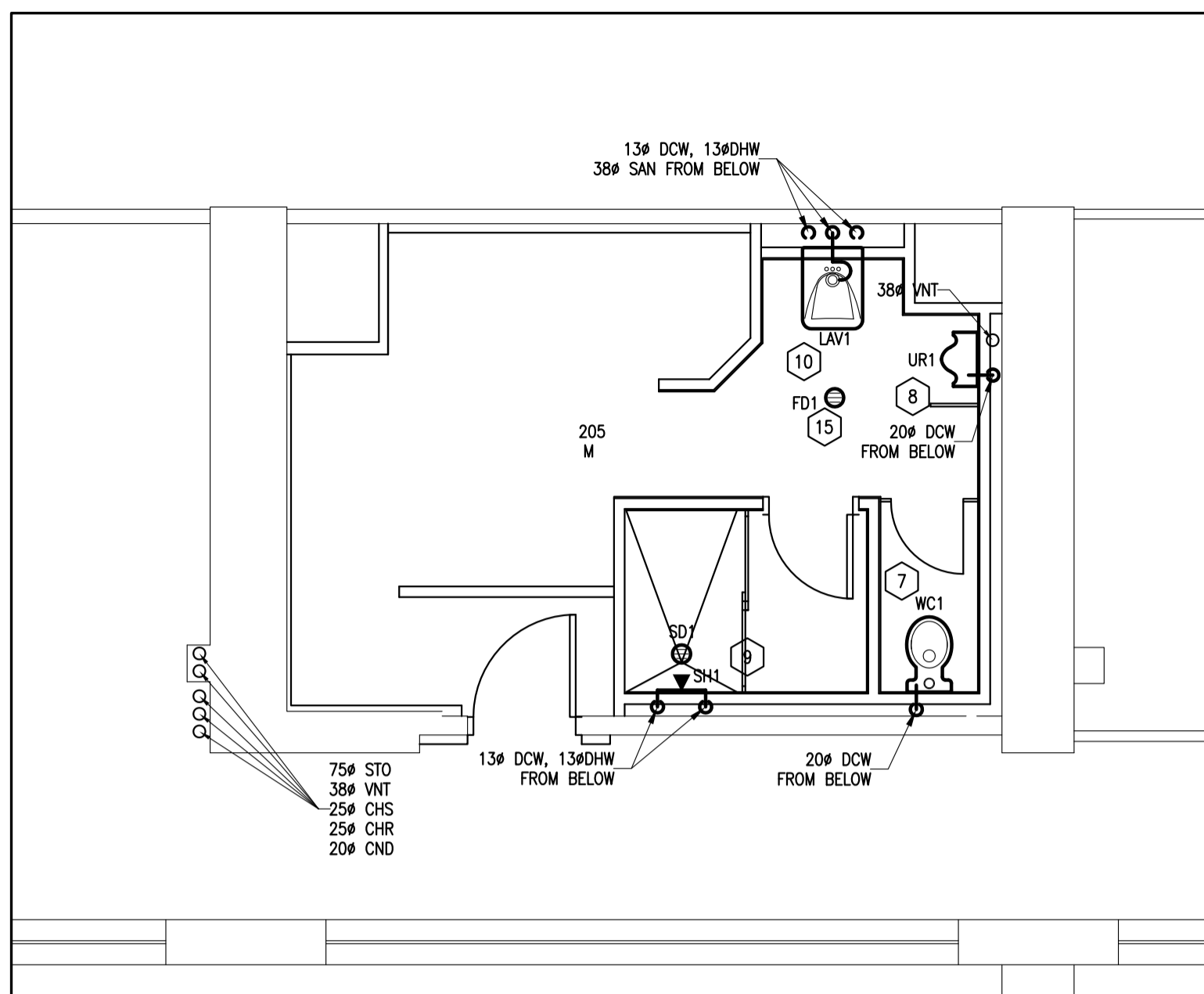
designed	conçu	date	date
J-C. W.		AUG 2018	
drawn	dessiné	scale	échelle
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checked	vérifié	sheet	feuille
SH / BL.		5 of/de 5	
approved	approuvé	W.O.no.	D.T.no.
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dwg.no. 5553-A04  
 Acad File: 5553-U61-ARCH-TENDER  
 fichier CDAO

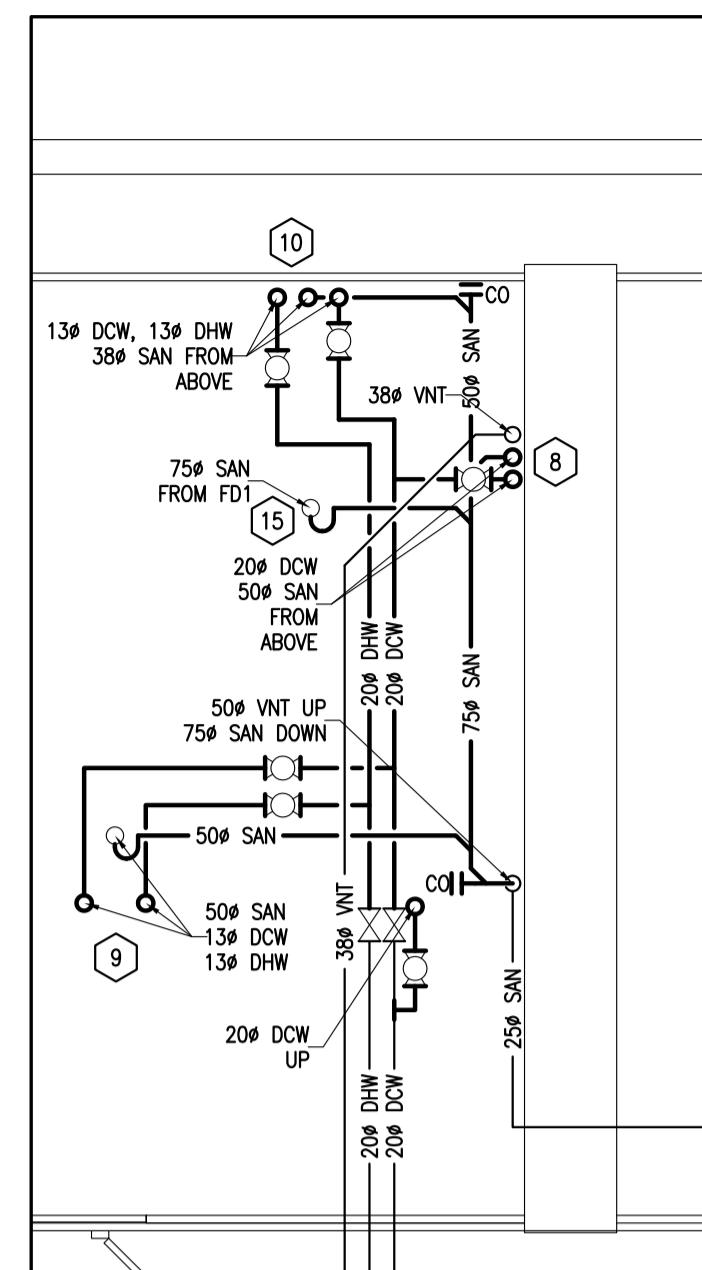




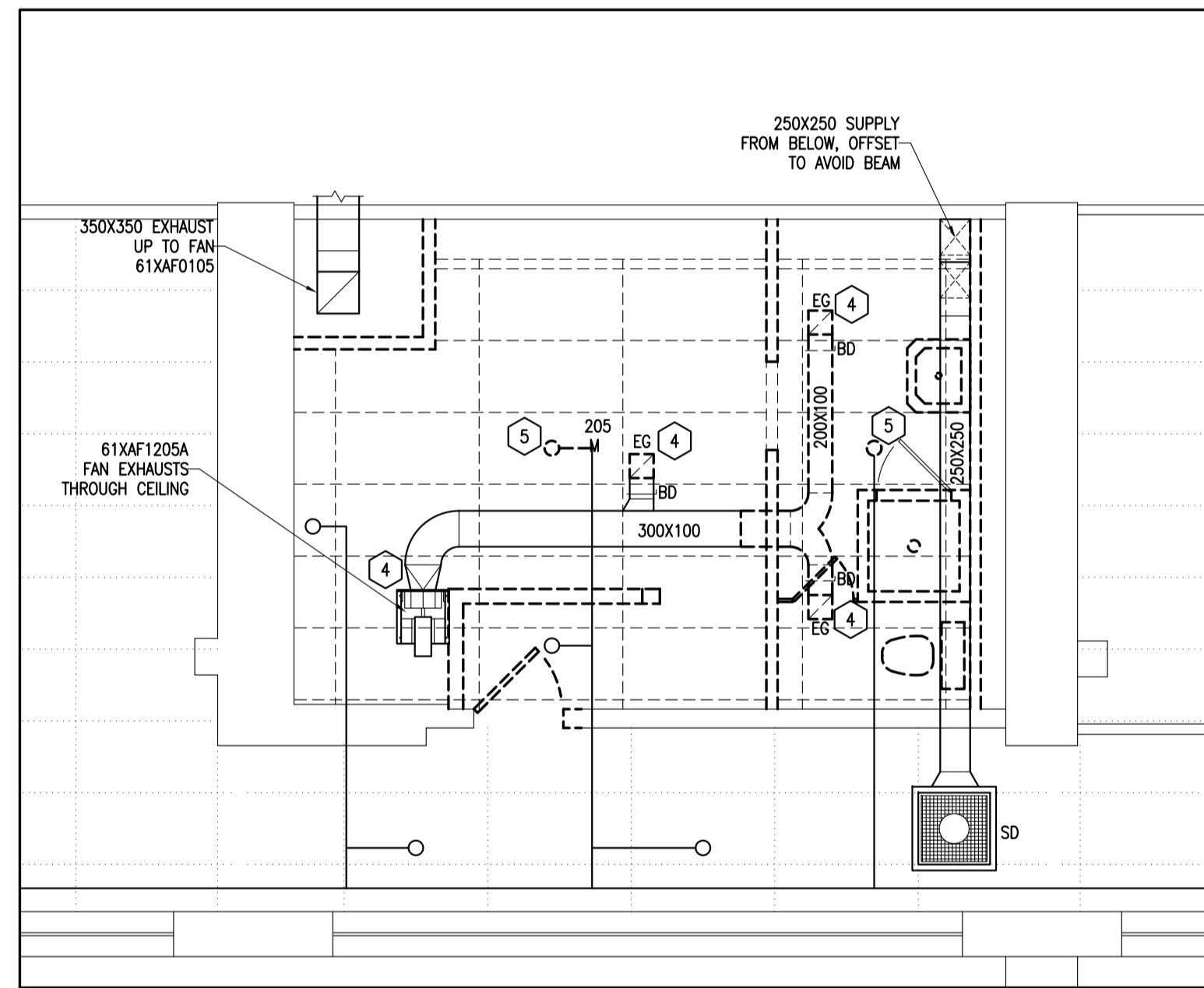
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**MO1** U-61 PART PLAN- ROOM 205  
FIRE PROTECTION + HVAC- NEW WORK  
SCALE: 1:50



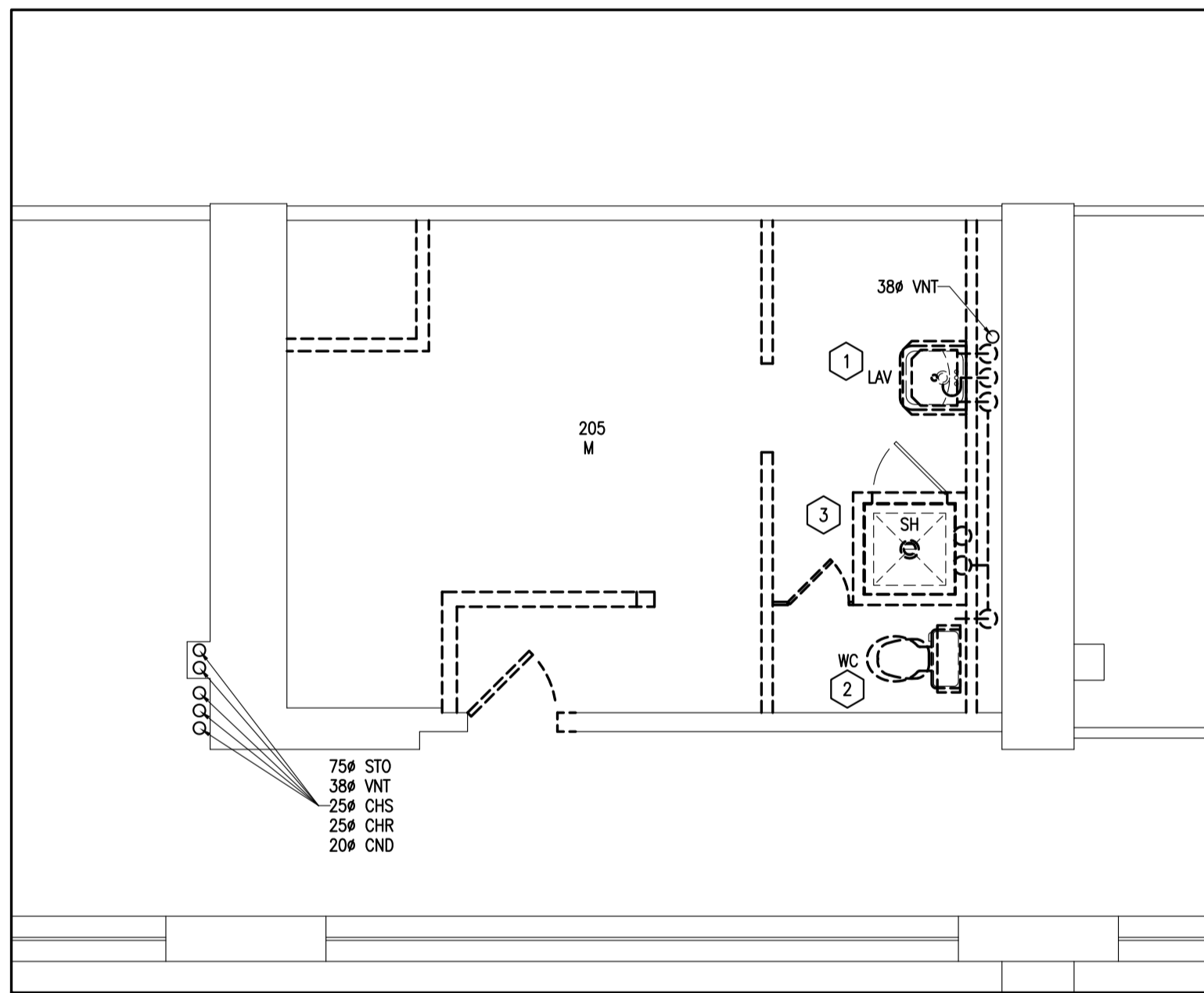
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PLUMBING NEW WORK  
SCALE: 1:50



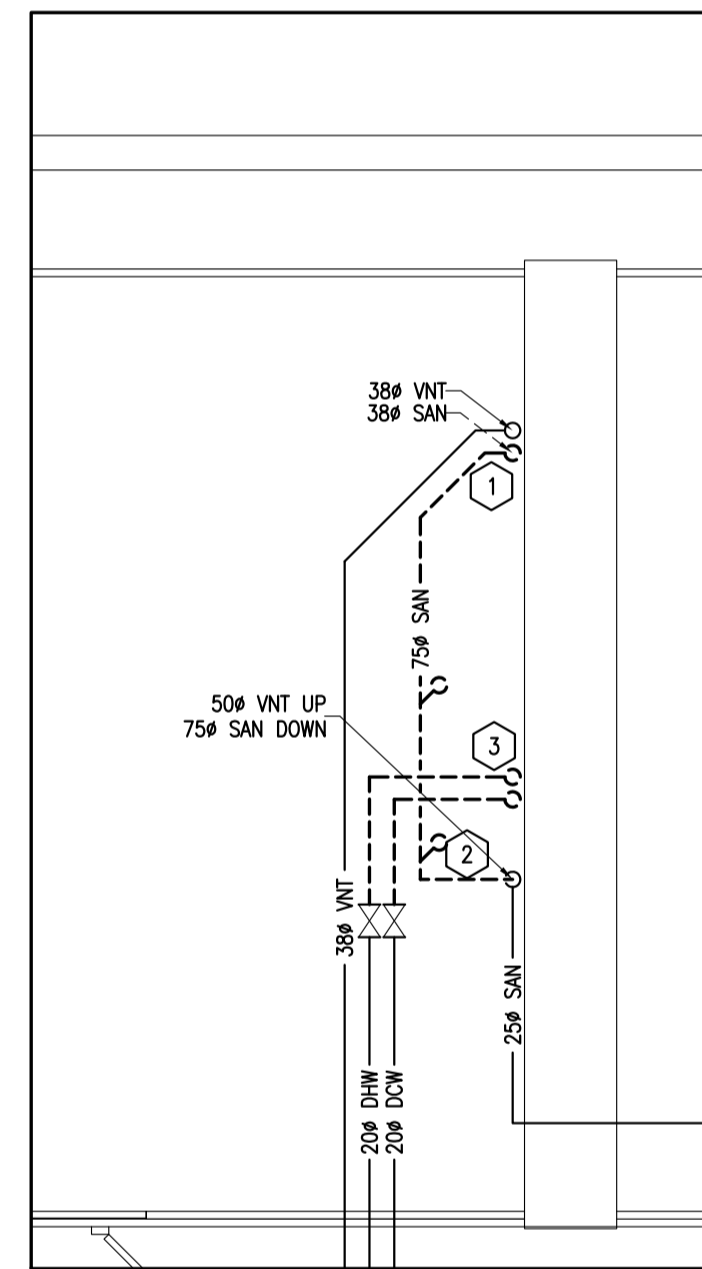
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**MO1** U-61 PART PLAN- ROOM 107  
PLUMBING NEW WORK  
SCALE: 1:50



**4**  
**MO1** U-61 PART PLAN- ROOM 205  
FIRE PROTECTION + HVAC- DEMOLITION  
SCALE: 1:50



**5**  
**MO1** U-61 PART PLAN- ROOM 205  
PLUMBING DEMOLITION  
SCALE: 1:50



**6**  
**MO1** U-61 PART PLAN- ROOM 107  
PLUMBING DEMOLITION  
SCALE: 1:50

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
	GATE VALVE
	BALL VALVE
	PIPE UP
	PIPE DOWN
	SANITARY TRAP
	CLEAN-OUT
	UNION
	CAP
	FLOOR CLEAN OUT
	FLOOR DRAIN (FD1)/ SHOWER DRAIN (SH1)
	WATER CLOSET
	SHOWER HEAD
	LAVATORY SINK
	URINAL
	EXHAUST GRILLE
	BALANCING DAMPER
	TRANSFER DUCT
	RECTANGULAR DUCTWORK

MECHANICAL LINE TYPE LEGEND	
LINE	DESCRIPTION
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	SANITARY PIPING
	VENT PIPING
	UNDERGROUND PIPING
	INDICATES NEW
	INDICATES EXISTING (TO REMAIN)
	INDICATES DEMOLISHED/ REMOVED

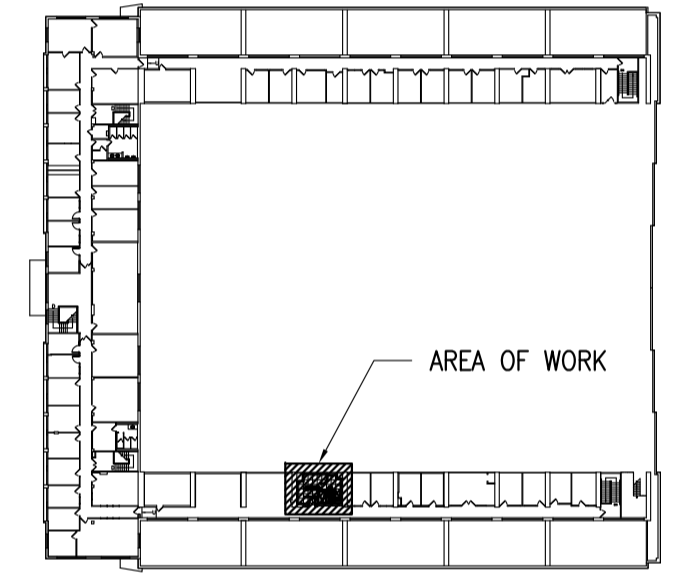
- MECHANICAL DRAWING NOTES:**
- ISOLATE, DISCONNECT AND REMOVE EXISTING LAVATORY (LAV), TRIM, ASSOCIATED DOMESTIC HOT (DHW) WATER, DOMESTIC COLD (DCW) WATER AND SANITARY DRAIN PIPING AS INDICATED. MAIN ISOLATION VALVES ARE LOCATED IN CEILING SPACE OF FLOOR BELOW. ALL MATERIAL TO BE DISPOSED OFF SITE AS PER SPECIFICATIONS.
  - ISOLATE, DISCONNECT AND REMOVE EXISTING WATER CLOSET (WC), ASSOCIATED DOMESTIC COLD WATER AND SANITARY PIPING AS INDICATED. ALL MATERIAL TO BE DISPOSED OFF SITE AS PER SPECIFICATIONS.
  - ISOLATE DISCONNECT AND REMOVE EXISTING SHOWER (SH), SHOWER DRAIN, DOMESTIC HOT WATER, DOMESTIC COLD WATER AND SANITARY DRAIN PIPING AS INDICATED. ALL MATERIAL TO BE DISPOSED OFF SITE AS PER SPECIFICATIONS.
  - ISOLATE AND SHUT DOWN EXISTING WASHROOM EXHAUST FAN, DISCONNECT AND REMOVE EXISTING EXHAUST GRILLES (EG) AND EXHAUST DUCTWORK AS INDICATED. TEMPORARILY CAP AND SEAL REMAINING DUCTWORK DURING CONSTRUCTION UNTIL READY FOR NEW WORK.
  - ISOLATE, REMOVE AND RETAIN TWO (2) SPRINKLERS AS INDICATED. RETAINED REMOVED SPRINKLERS SHALL BE RE-INSTALLED TO SUIT NEW ROOM LAYOUT. PROVIDE ANY AND ALL NEW BRANCH PIPING REQUIRED.
  - INSTALL RETAINED SPRINKLERS AND PROVIDE ONE (1) NEW SPRINKLER AND ASSOCIATED BRANCH PIPING AS INDICATED. COORDINATE ALL LOCATIONS WITH LIGHTS AND EXHAUST GRILLES.
  - PROVIDE NEW WATER CLOSET (WC1), DOMESTIC COLD WATER AND SANITARY PIPING AS INDICATED. REFER TO SPECIFICATIONS AND SCHEDULE FOR ADDITIONAL INFORMATION.
  - PROVIDE NEW URINAL (UR1), FLUSH VALVE, DOMESTIC COLD WATER AND SANITARY PIPING AS INDICATED. REFER TO SPECIFICATIONS AND SCHEDULE FOR ADDITIONAL INFORMATION.
  - PROVIDE NEW SHOWER (SH1), SHOWER HEAD, SHOWER DRAIN, DOMESTIC HOT WATER, DOMESTIC COLD WATER AND SANITARY PIPING AS INDICATED. REFER TO SPECIFICATIONS AND SCHEDULE FOR ADDITIONAL INFORMATION.
  - PROVIDE NEW LAVATORY (LAV1), FAUCET, DOMESTIC COLD WATER, DOMESTIC HOT WATER AND SANITARY PIPING AS INDICATED. REFER TO SPECIFICATIONS AND SCHEDULE FOR ADDITIONAL INFORMATION.
  - VACUUM INTERIOR OF ALL EXISTING DUCTWORK TO ONE HOSE LENGTH DISTANCE FROM EACH EXISTING OPENING BEFORE COMMENCING NEW HVAC WORK.
  - PROVIDE NEW EXHAUST GRILLES (EG1) AND ASSOCIATED BRANCH DUCTWORK AS INDICATED. REFER TO SCHEDULE AND SPECIFICATIONS FOR AIR FLOWS AND BASIS OF DESIGN FOR GRILLE TYPE.
  - PROVIDE NEW TRANSFER GRILLES (TG1'S) SIZED AND LOCATED IN NEW DOOR AS INDICATED. COORDINATE DOOR OPENING CUTTING AND INSTALLATION WITH ARCHITECTURAL CONTRACTORS.
  - TEST, ADJUST AND BALANCE FAN AND EXHAUST GRILLES TO AIR QUANTITIES INDICATED ON SCHEDULE.
  - PROVIDE NEW FLOOR DRAIN (FD1), TRAP AND SANITARY PIPING AS INDICATED. PROVIDE 8# DCW FROM NEW LAVATORY (LAV1) DOMESTIC COLD WATER TO TRAP SEAL PRIMER ON FLOOR DRAIN.



**GENERAL NOTES**

- CONTRACTORS TO CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO DEMOLITION OR CONSTRUCTION AND REPORT ANY ERRORS OR OMISSIONS TO DEPARTMENTAL REPRESENTATIVE.
- CONTRACTORS MUST VISIT THE SITE & FULLY FAMILIARIZE THEMSELVES WITH THE SCOPE OF THE WORK.
- PREVENT THE SPREAD OF DUST & DEBRIS BEYOND THE WORK AREA AND CLEAN ALL SURFACES AT COMPLETION.
- MAKE GOOD ALL SURFACES AFFECTED BY THIS WORK.
- COORDINATE ALL SHUTDOWNS WITH THE DEPARTMENTAL REPRESENTATIVE.
- PROVIDE ALL LABOUR AND MATERIAL REQUIRED TO FORM A COMPLETE, FUNCTIONAL SYSTEM AS DESCRIBED ON DRAWINGS.

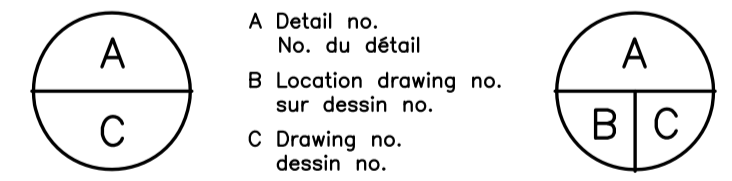
**KEY PLAN**



BUILDING U-61- SECOND FLOOR PLAN

No.	Date	Revision	By:
0	OCT. 2018	ISSUED FOR TENDER	JWG

- Verify all dimensions and site conditions and be responsible for same
- Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité



project: BUILDING U-61- ROOM 205- MEN'S WASHROOM RENOVATION

UPLANDS CAMPUS  
MECHANICAL NEW WORK, DEMOLITION WORK, SCHEDULES AND DESCRIPTION OF WORK.

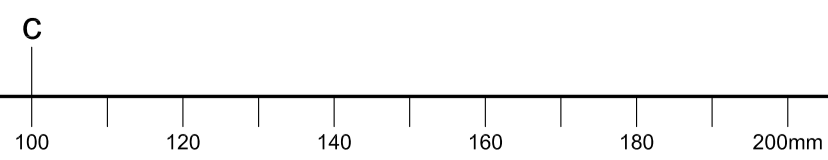
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BY		A1-01127-12	
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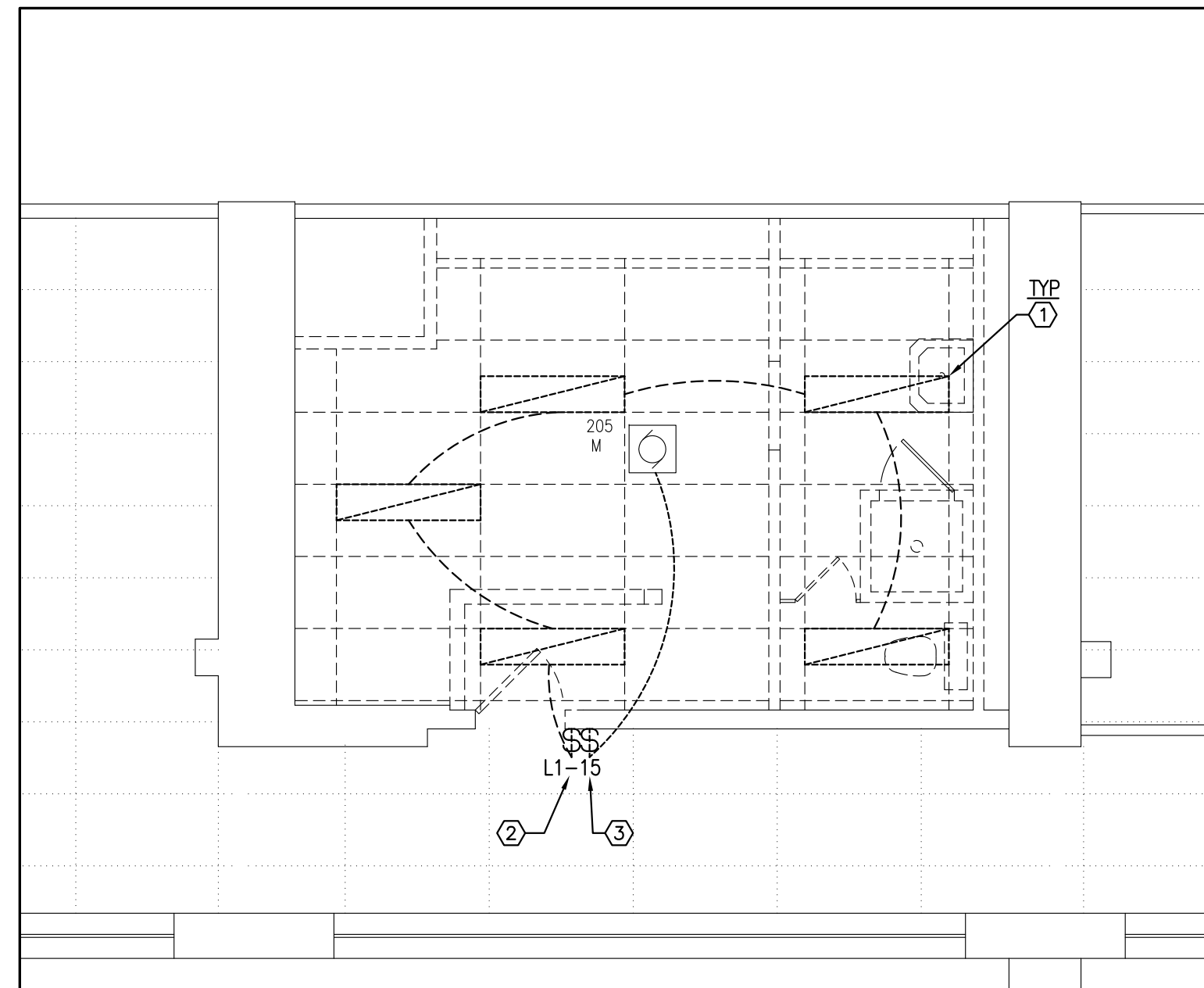
FIXTURE SCHEDULE							
TAG	FIXTURE TYPE	DCW	DHW	DHWR	SAN	VENT	REMARKS
LAV1	LAVATORY	13#	13#	N/A	38#	38#	NEW- LAVATORY, MANUAL FAUCET
FD1	FLOOR DRAIN	8#	---	---	75#	---	NEW- SEE SPECIFICATIONS
WC1	WATER CLOSET	25#	N/A	N/A	75#	---	NEW- FLOOR MOUNT- FLUSH VALVE
UR1	URINAL	20#	N/A	N/A	50#	---	NEW- WALL MOUNT
SD1	SHOWER DRAIN	---	---	---	50#	---	NEW- SEE SPECIFICATIONS
SH1	SHOWER	13#	13#	---	---	---	NEW- SEE SPECIFICATIONS

- NOTE:**
- NEW FIXTURES ARE TO BE CONNECTED TO EXISTING DOMESTIC COLD WATER, DOMESTIC HOT WATER, DOMESTIC HOT WATER, SANITARY DRAIN AND VENT SERVICES. ALL NEW DOMESTIC COLD, DOMESTIC HOT TO BE INSULATED AS PER SPECIFICATIONS.
  - NOTE THAT ALL URINALS SHALL BE HANDS FREE OPERATION.
  - ALL SANITARY PIPING TO BE SLOPED AS PER NATIONAL BUILDING CODE STANDARDS (NBC).
  - PROVIDE NEW BALL TYPE ISOLATION VALVES ON ALL INCOMING DOMESTIC HOT AND COLD WATER SERVICES TO LAV1'S UNDER THE LAVATORIES. VALVES SHALL BE INSTALLED IN WALLS, ACCESSIBLE BY STAINLESS STEEL ACCESS DOORS.
  - NEW WATER CLOSET (WC1) IS BASED ON AN AMERICAN STANDARD "MADDER" (TOP SPUD- FLOOR MOUNTED) C/W MANUAL AMERICAN STANDARD (1-1/2" TOP SPUD) FLUSHMETER (MODEL 6047.161.002).
  - NEW URINAL (UR1) IS BASED ON AMERICAN STANDARD MODEL "WASHBROOK" C/W AUTOMATIC FLUSH VALVE, AMERICAN STANDARD MODEL 6063101. NOTE DOMESTIC COLD WATER FEED TO BE BROUGHT FROM BELOW URINALS WITH SINGLE BALL TYPE ISOLATION VALVE INSTALLED IN WALL ACCESSIBLE THROUGH STAINLESS STEEL ACCESS DOOR AND THEN UP TO URINAL FLUSH VALVE.
  - NEW LAVATORY (LAV1) IS BASED ON AMERICAN STANDARD MODEL "MURRO" C/W AMERICAN STANDARD SUPPLIED KNEE SHROUD AND FAUCET IS BASED ON AN AMERICAN STANDARD MODEL "MONTERREY- MODEL 7500.170" MANUAL OPERATION.
  - NEW FLOOR DRAIN (FD1) IS BASED ON A WAITS FD-100 AND IS TO BE SUPPLIED WITH A TRAP SEAL PRIMER CONNECTED TO THE DOMESTIC COLD WATER OF THE NEW LAVATORY (LAV1).
  - NEW SHOWER HEAD, CONTROL TRIM AND MIXING VALVE ARE BASED ON AMERICAN STANDARD MODEL "RELIANT 3" SHOWER ONLY TRIM KIT C/W AMERICAN STANDARD MODEL R121 PRESSURE BALANCE VALVE. SHOWER DRAIN IS BASED ON WAITS MODEL WSD-THD.
  - CONTRACTOR SHALL SCAN FLOOR BEFORE CORING ANY NEW HOLES.
  - PATCH AND REPAIR EXISTING, ABANDONED CORE HOLES USING CONCRETE AS PER INSTRUCTIONS IN ARCHITECTURAL DRAWINGS.

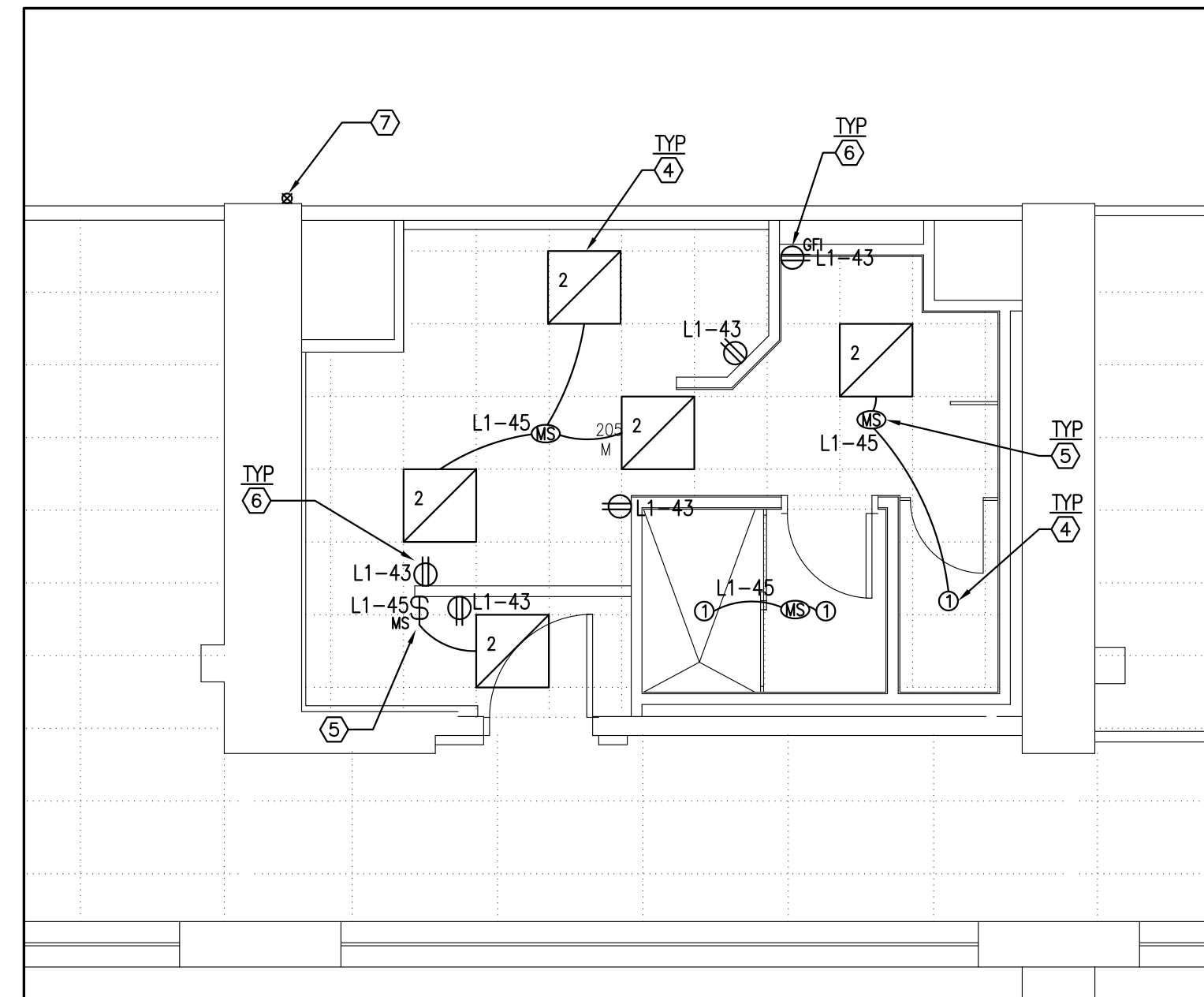
DIFFUSER AND GRILLE SCHEDULE					
TAG	TYPE	SIZE (MMXMM)	INLET (MMXMM)	AIR FLOW	REMARKS
EG1	EGG-CRATE	150X150	100X100	35 L/S	NEW
TG1	LOUVER FACE	600X300	-	N/A	NEW

- NOTES:**
- NEW EXHAUST GRILLES EG1'S ARE BASED ON EH PRICE MODEL 80, COLOUR WHITE. REFER TO SPECIFICATION FOR ADDITIONAL DETAILS.
  - NEW TRANSFER GRILLE MOUNTED IN NEW WASHROOM DOOR IS BASED ON A E.H. PRICE MODEL 535, WITH 45° DEFLECTION, 13MM BLADE SPACING. GRILLE TO BE MOUNTED ON EXTERIOR OF DOOR.

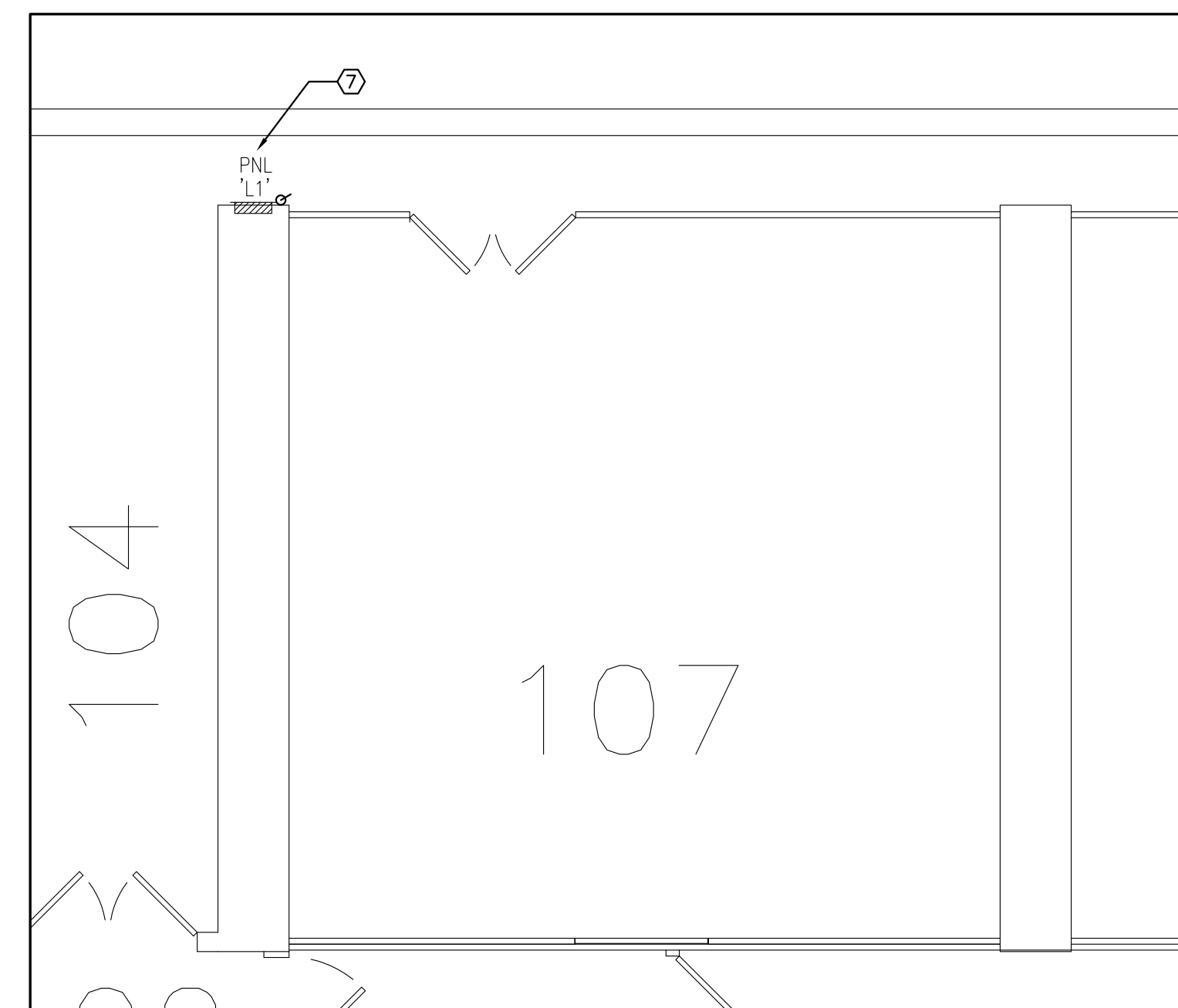




1  
E01 2ND FL. ELECTRICAL LAYOUT - DEMOLITION  
SCALE: 1:50



2  
E01 2ND FL. ELECTRICAL LAYOUT - NEW WORK  
SCALE: 1:50



3  
E01 1ST FL. ELECTRICAL LAYOUT - NEW WORK  
SCALE: 1:50

LEGEND	
SYMBOL	DESCRIPTION
	CEILING RECESSED LUMINAIRE, SIZE AS SHOWN
	WALL MOUNTED MOTION CONTROL SWITCH
	CEILING MOUNTED MOTION CONTROL SWITCH
	ELECTRICAL PANEL
	120V, 15A DUPLEX RECEPTACLE
	120V, 15A GFCI DUPLEX RECEPTACLE
	CONDUIT UP
	CONDUIT DOWN
	DARK SOLID LINE DENOTES NEW OR RELOCATED
	LIGHT SOLID LINE DENOTES EXISTING TO REMAIN
	DARK DASHED LINE DENOTES DEMOLITION

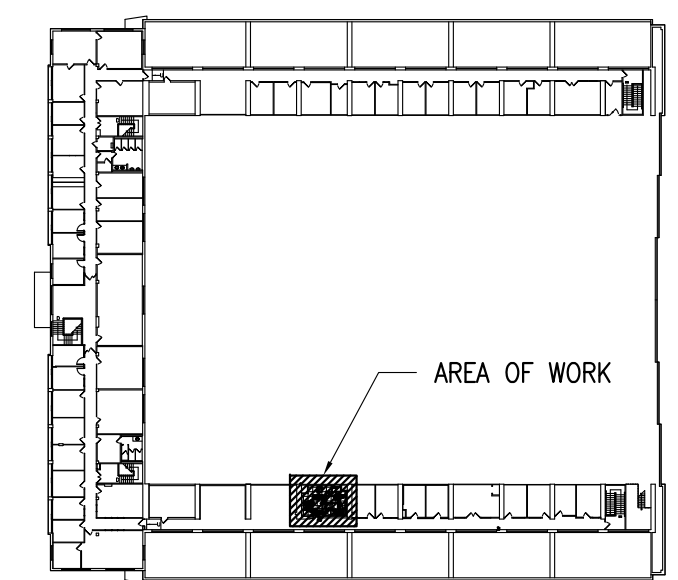
**GENERAL NOTES:**

- READ THIS DRAWING IN CONJUNCTION WITH SPECIFICATIONS, ARCHITECTURAL AND MECHANICAL DRAWINGS.
- CONTRACTORS TO CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO DEMOLITION OR CONSTRUCTION AND REPORT ANY ERRORS OR OMISSIONS TO NRC DEPARTMENTAL REPRESENTATIVE.
- CONTRACTORS MUST VISIT THE SITE & FULLY FAMILIARIZE THEMSELVES WITH THE SCOPE OF THE WORK.
- PREVENT THE SPREAD OF DUST & DEBRIS BEYOND THE WORK AREA AND CLEAN ALL SURFACES AT COMPLETION.
- MAKE GOOD ALL SURFACES AFFECTED BY THIS WORK.
- FILL ALL HOLES, PATCH & PAINT ALL SURFACES IN CONTRACT AREA. PAINT ALL SURFACE CONDUITS. COLOR SCHEME TO MATCH EXISTING.
- COORDINATE WORK WITH OTHER DIVISIONS FOR INSTALLATION AND TO AVOID INTERFERENCE.
- COORDINATE ALL SHUTDOWNS WITH THE NRC DEPARTMENTAL REPRESENTATIVE.
- REMOVE MEANS REMOVE AND DISPOSE OF OFF SITE UNLESS OTHERWISE NOTED.
- REMOVE REDUNDANT CONDUIT AND WIRING BACK TO SOURCE UNLESS OTHERWISE NOTED, AND MAKE SAFE.
- PROVIDE LABELS TO NEW DEVICES TO INDICATE POWER SOURCE. UPDATE PANEL SCHEDULES AFTER JOB COMPLETION.
- ALL INTERIOR WIRING SHALL BE #12 AWG CONDUCTOR MINIMUM. TYPE R90 XLPE CROSS-LINK POLYETHYLENE STRANDED FOR SIZE NO.8 AND LARGER, TYPE T90 STRANDED FOR SIZE NO.10 AND SMALLER. ALL NEW RACEWAYS SHALL BE THIN WALL ELECTRICAL METALLIC TUBING (EMT) 1/2" MINIMUM UNLESS OTHERWISE INDICATED. CONDUITS TO BE COMPLETE WITH INSULATED TYPE CONNECTORS AND BUSHING.
- SURFACE CONDUIT TO RUN PARALLEL OR PERPENDICULAR TO BUILDING LINES. ALL CONDUITS AND JUNCTION BOXES TO BE ANCHORED TO THE BUILDING STRUCTURE.
- THE WORD 'PROVIDE' MEANS SUPPLY, INSTALL, CONNECT AND TEST.

**ELECTRICAL DRAWING NOTES:** (X)

- DISCONNECT AND REMOVE EXISTING LUMINAIRE, C/W ALL REDUNDANT WIRING AND CONDUITS, BACK TO SOURCE AND MAKE SAFE. REMAIN CIRCUIT IN THE AREA FOR CONNECTION TO NEW LUMINAIRE.
- DISCONNECT AND REMOVE EXISTING SWITCH C/W ALL WIRING AND CONDUITS BACK TO SOURCE.
- EXISTING EXHAUST FAN TO REMAIN AND TO BE CONTROLLED BY B.A.S. DIV.26 TO DISCONNECT AND REMOVE TOGGLE SWITCH FROM THE FAN. ENSURE THE FAN STILL OPERATES PROPERLY.
- PROVIDE NEW LUMINAIRE AND CONNECT TO EXISTING CIRCUIT FOR THE AREA. REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION.
- PROVIDE WALL OR CEILING MOUNTED MOTION DETECTOR AND CONNECT TO LUMINAIRES AS SHOWN. CONFIRM LOCATION AND MOUNTING ANGLE ON SITE TO ENSURE SWITCH OPERATES PROPERLY.
- PROVIDE NEW RECEPTACLE, TYPE AS SHOWN, AND CONNECT TO CIRCUIT AS INDICATED.
- REUSE TWO EXISTING 15A BREAKERS IN PANEL 'L1' AND CONNECT TO NEW LOADS AS SHOWN. RUN CONDUIT ON THE OUTSIDE WALL TO REACH 2ND FLOOR AND CONNECT TO THE LOADS.

**KEY PLAN**

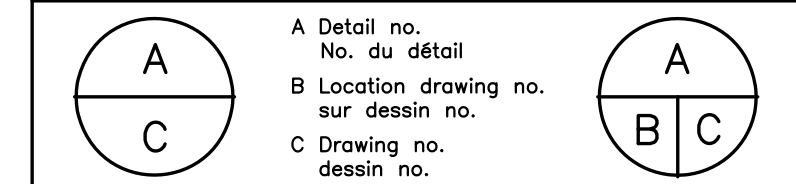


BUILDING U-61- SECOND FLOOR PLAN

No.	Date	Revision	By:	Par:
0	OCT. 2018	ISSUED FOR TENDER	CYC	

Date Printed DD MM YYYY Date imprimée

- Verify all dimensions and site conditions and be responsible for same
- Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité



project  
**BUILDING U-61- ROOM 205- MEN'S WASHROOM RENOVATION**  
 projet

drawing  
**ELECTRICAL LAYOUT**  
 dessin

designed <b>CYC</b>	conçu	date <b>OCT. 2018</b>	date
drawn <b>CYC</b>	dessiné	scale <b>AS INDICATED</b>	échelle
checked	vérifié	sheet <b>1</b> of/de <b>1</b>	feuille
approved <b>ALS</b>	approuvé	W.O.no. <b>A1-011227-12</b>	D.T.no.

dwg.no.  
**5553-E01**  
 dessin no.

LUMINAIRE SCHEDULE						
TYPE	LUMINAIRE TYPE	LAMP TYPE	LAMP WATT	LAMP VOLTAGE	MODEL NUMBER	SIZE
1	ROUND SLIM SURFACE LED	LED	14.2	120	PHILIPS S7R835K10AL	7"
2	2'X2' RECESSED LED	LED	31.3	120	PHILIPS 2-AVE-G-32L-835-2-ACR-UNV-DIM	2'X2'

ALUMINUM FINISH RATED FOR WET LOCATION

