

# Addendum/Addenda

No./N°

**1**

Project Description / Description de projet M-6 Catwalk Safety Upgrades / M-6 Amélioration de la Sécurité des Passerelles		
Solicitation No./ N° de sollicitation 22-58086	Project No./N° de projet 5874	W.O. No./N° d'ordre de travail
Departmental Representative / Représentant Ministériel Janik Diotte	Date Nov. 21, 2022	
<b>Notice:</b> This addendum shall form part of the tender documents and all conditions shall apply and be read in conjunction with the original plans and specifications.	<b>Nota:</b> Cet addenda fait partie intégrale des dossiers d'appel d'offres; toutes les conditions énoncées doivent être lues et appliquées en conjonction avec les plans et les devis originaux.	

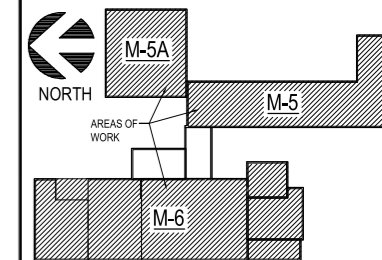
1. As the drawings related to this tender were previously unavailable for viewing, the files have been updated and are now available.
1. Comme les dessins relatifs à cet appel d'offres n'étaient pas disponibles auparavant, les fichiers ont été mis à jour et sont maintenant disponibles.

End of Addendum #1

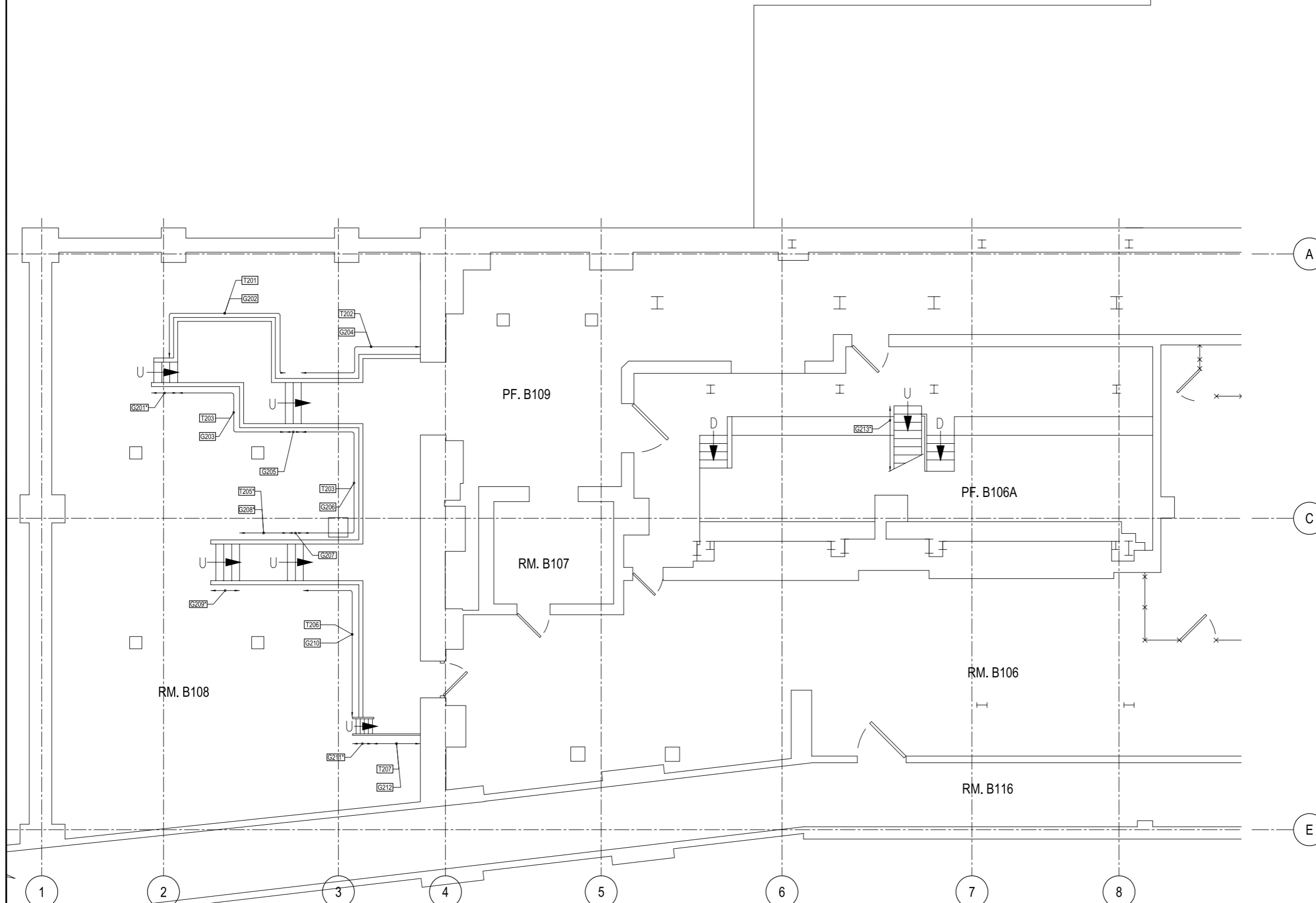
Fin de l'addenda #1







KEYPLAN



**PART PLAN - LEVEL 0 - BASEMENT - NORTH BUILDING M-6**  
 1:50

**NOTES:**  
 \* APPLIES TO GUARDRAILS/TOE BOARDS ON BOTH SIDES OF STAIRS/LANDINGS

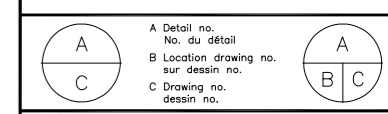
**ASSUMED DESIGN LOADS AT NEW STRUCTURE:**

LIVE LOAD:	
LOAD ON PLATFORMS/STAIR TREADS	3.60 kPa
HORIZONTAL LOAD ALONG TOP GUARDRAIL (THE GREATER OF)	0.75 kN/m 1.00 kN

No.	Date	Revision	By: / Par:
1	2022-10-27	ISSUED FOR TENDER	SJS
0	2022-09-22	ISSUED FOR REVIEW	SJS

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

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

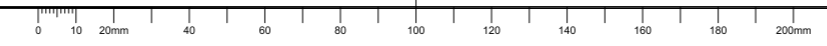


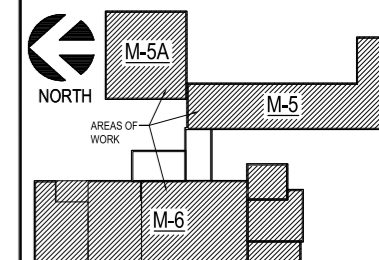
project: NRC - BUILDING M5, M6  
 CATWALK REPAIRS

project: MONTREAL ROAD CAMPUS

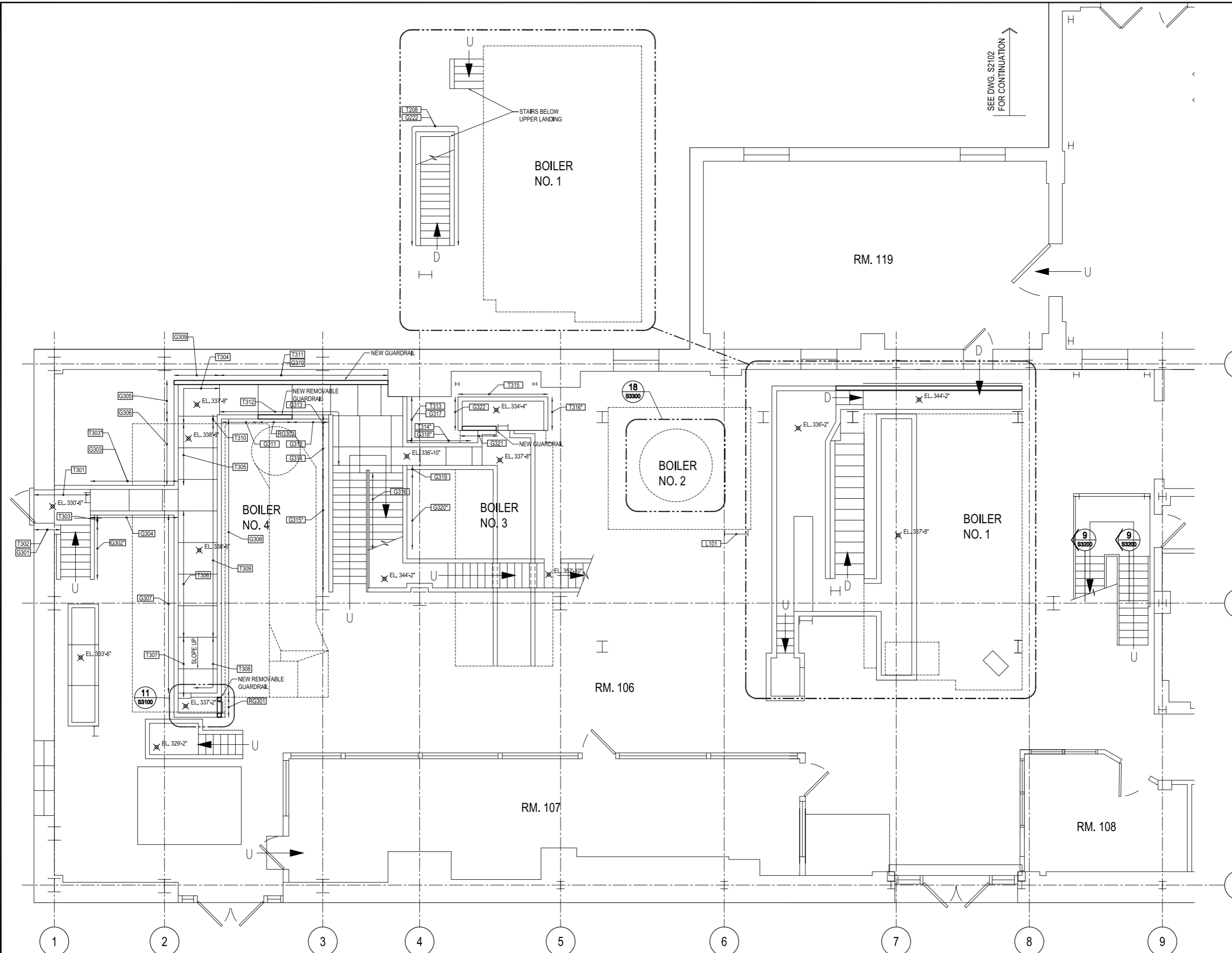
drawing: PART PLAN - BUILDING M-6  
 LEVEL 0 - NORTH

designed	conçu	date	2020-12	date
J-MC/JS				
drawn	dessiné	scale	AS NOTED	échelle
SJS				
checked	vérifié	sheet	2 of/de 15	feuille
J-MC/JS				
approved	approuvé	W.O.no.	5874	D.T.no.
J-MC/JS				
dwg.no.	5874 - S2001			dessin no.
ACAD file:				fichier CDAO:





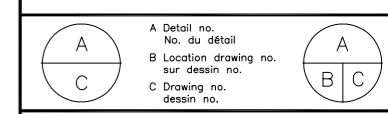
KEYPLAN



No.	Date	Revision	By:
1	2022-10-27	ISSUED FOR TENDER	SJS
0	2022-09-22	ISSUED FOR REVIEW	SJS

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project: NRC - BUILDING M5, M6  
 CATWALK REPAIRS

MONTREAL ROAD CAMPUS  
 drawing: PART PLAN - LEVEL 1 GROUND  
 NORTH BUILDING M-6

designed	conçu	date	date
J-MC/SJS		2022-09	
drawn	dessiné	scale	échelle
SJS		AS NOTED	
checked	vérifié	sheet	feuille
J-MC/SJS		3 of/de 15	
approved	approuvé	W.O.no.	D.T.no.
J-MC/SJS		5874	

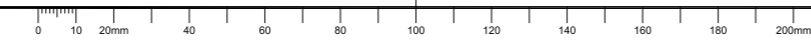
dwg.no. 5874 - S2101  
 ACAD file: \_\_\_\_\_ fichier CDAO: \_\_\_\_\_

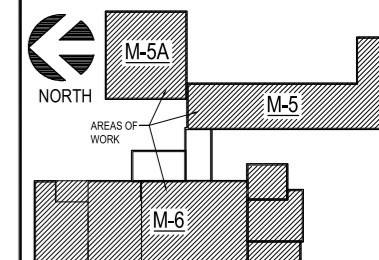
PART PLAN - LEVEL 1 GROUND - NORTH BUILDING M-6  
 1:50

NOTES:  
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 ON BOTH SIDES OF STAIRS/LANDINGS

ASSUMED DESIGN LOADS AT NEW STRUCTURE:

LIVE LOAD: LOAD ON PLATFORMS/STAIR TREADS	3.60 kPa
HORIZONTAL LOAD ALONG TOP GUARDRAIL (THE GREATER OF)	0.75 kN/m 1.00 kN



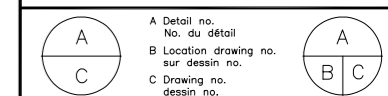


KEYPLAN

No.	Date	Revision	By:
1	2022-10-27	ISSUED FOR TENDER	SJS
0	2022-08-29	ISSUED FOR REVIEW	SJS

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

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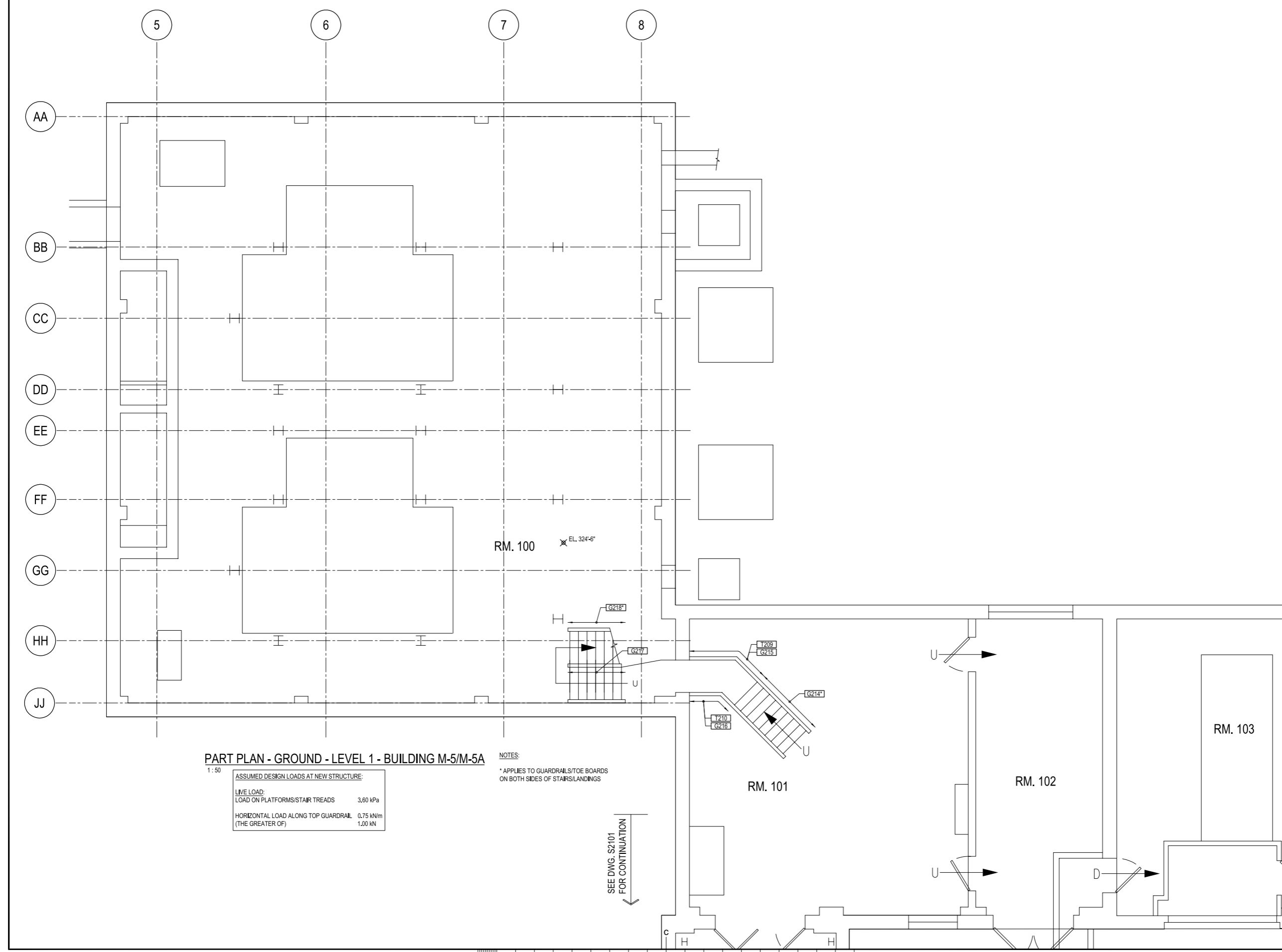


project: NRC - BUILDING M5, M6  
 CATWALK REPAIRS

project: MONTREAL ROAD CAMPUS  
 drawing: PART PLAN - LEVEL 1 GROUND  
 BUILDING M-5/M-5A

designed	conçu	date	date
J-MC/JS		2022-09	
drawn	dessiné	scale	échelle
SJS		AS NOTED	
checked	vérifié	sheet	feuille
J-MC/JS		4 of/ de 15	
approved	approuvé	W.O.no.	D.T.no.
J-MC/JS		5874	

dwg.no. 5874 - S2102  
 ACAD file: \_\_\_\_\_ fichier CDAO: \_\_\_\_\_



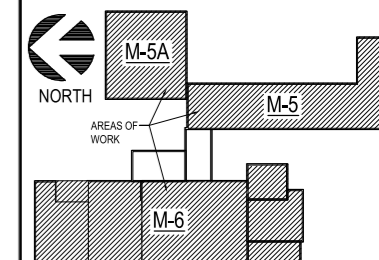
PART PLAN - GROUND - LEVEL 1 - BUILDING M-5/M-5A

1:50

ASSUMED DESIGN LOADS AT NEW STRUCTURE:	
LIVE LOAD: LOAD ON PLATFORMS/STAIR TREADS	3.60 kPa
HORIZONTAL LOAD ALONG TOP GUARDRAIL (THE GREATER OF)	0.75 kN/m 1.00 kN

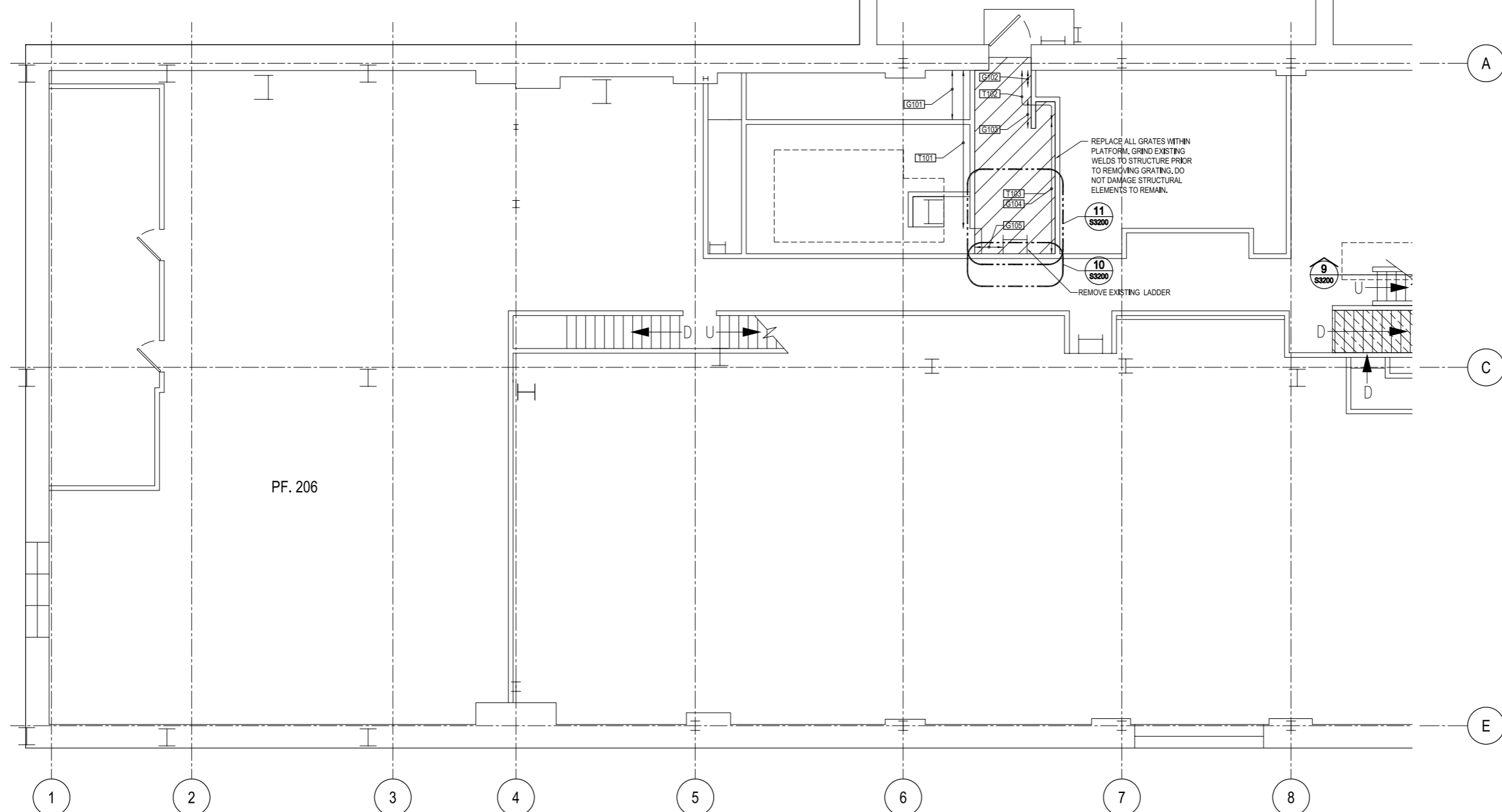
NOTES:  
 \* APPLIES TO GUARDRAILS/TOE BOARDS  
 ON BOTH SIDES OF STAIRS/LANDINGS

SEE DWG. S2101  
 FOR CONTINUATION



KEYPLAN

SEE DWG. S2203  
 FOR CONTINUATION



PF. 206

REPLACE ALL GRATES WITHIN PLATFORM. GRIND EXISTING WELDS TO STRUCTURE PRIOR TO REMOVING GRATING. DO NOT DAMAGE STRUCTURAL ELEMENTS TO REMAIN.

11  
 S3200

10  
 S3200

REMOVE EXISTING LADDER

9  
 S3200

ASSUMED DESIGN LOADS AT NEW STRUCTURE:

LIVE LOAD:	
LOAD ON PLATFORMS/STAIR TREADS	3.60 kPa
HORIZONTAL LOAD ALONG TOP GUARDRAIL (THE GREATER OF)	0.75 kN/m 1.00 kN

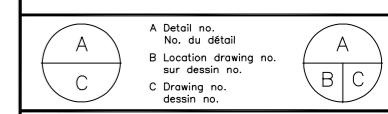
**PART PLAN - LEVEL 2 - NORTH BUILDING M-6**  
 1:50

SEE DWG. S2202  
 FOR CONTINUATION

No.	Date	Revision	By:
1	2022-10-27	ISSUED FOR TENDER	SJS
0	2022-09-22	ISSUED FOR REVIEW	SJS

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

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project: NRC - BUILDING M5, M6  
 CATWALK REPAIRS

MONTREAL ROAD CAMPUS

drawing: PART PLAN - LEVEL 2  
 NORTH BUILDING M-6

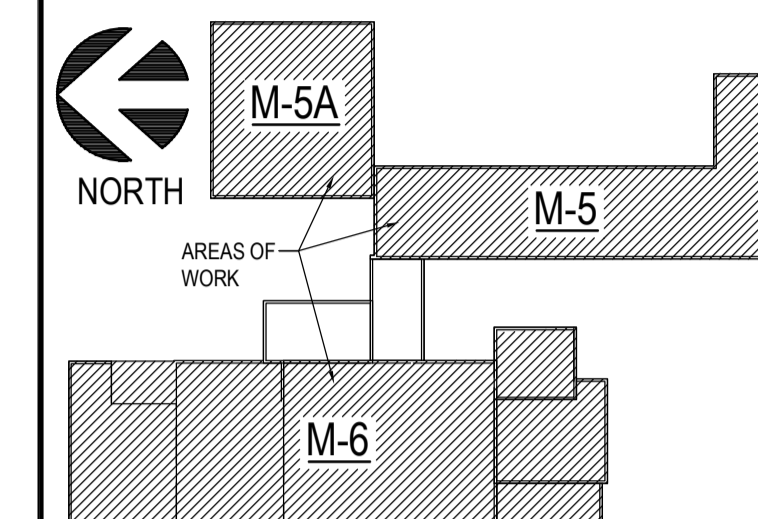
designed: J-MC/JS conçu: \_\_\_\_\_ date: 2022-09

drawn: SJS dessiné: \_\_\_\_\_ scale: AS NOTED échelle: \_\_\_\_\_

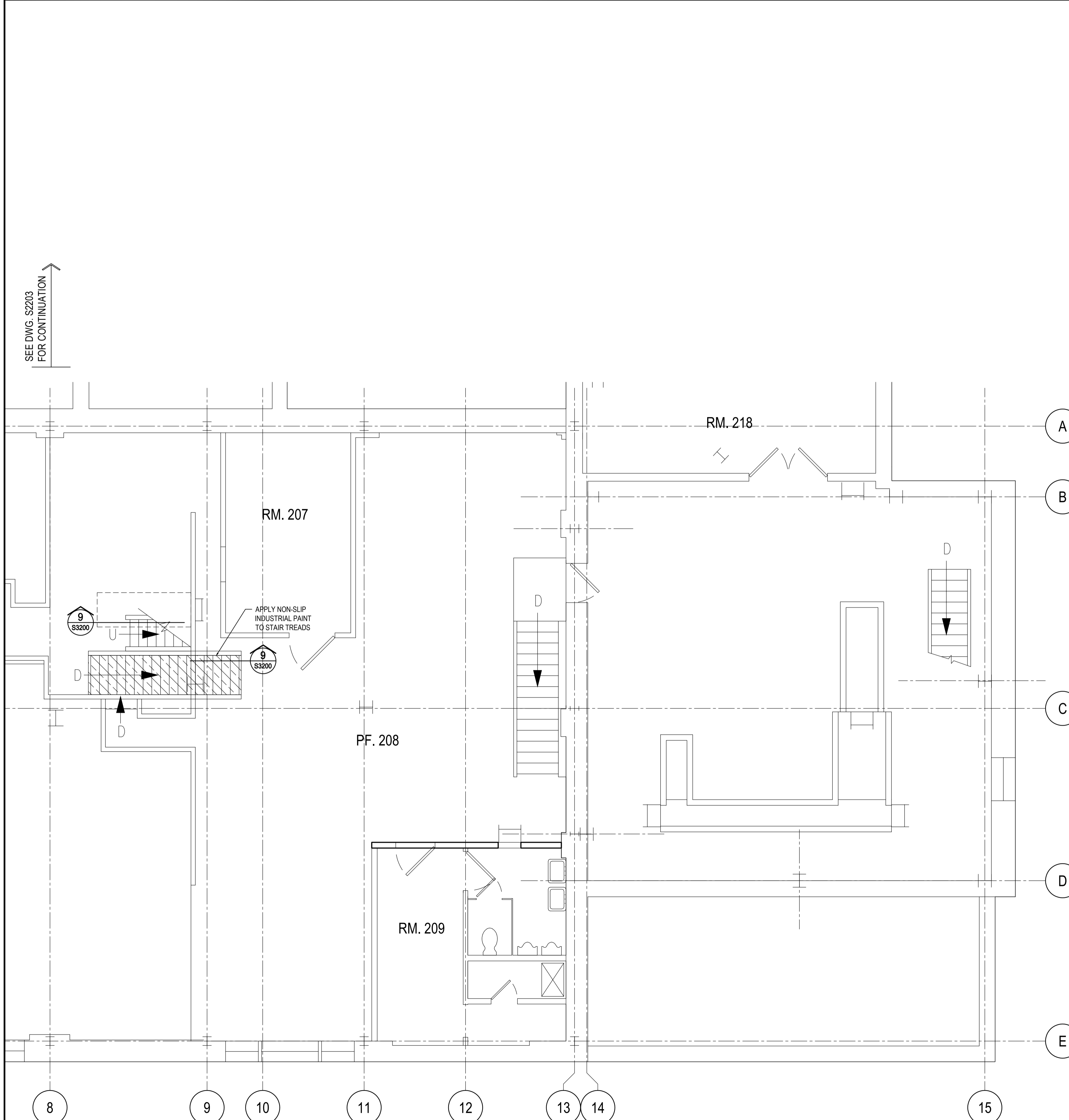
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approved: J-MC/JS approuvé: \_\_\_\_\_ W.O.no.: 5874 D.T.no.: \_\_\_\_\_

dwg.no.: 5874 - S2201 dessin no.: \_\_\_\_\_  
 ACAD file: \_\_\_\_\_ fichier CDAO: \_\_\_\_\_



KEYPLAN



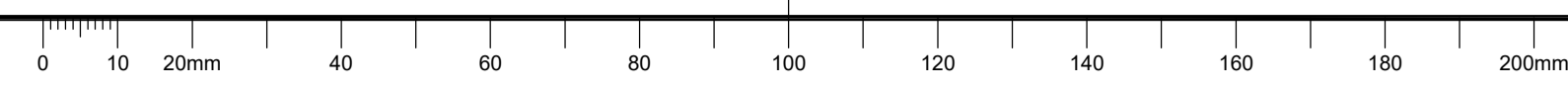
SEE DWG. S2203  
FOR CONTINUATION

SEE DWG. S2201  
FOR CONTINUATION

**PART PLAN - LEVEL 2 - SOUTH EAST BUILDING M-6**

1:50

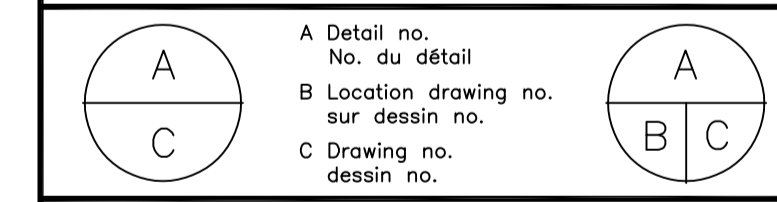
ASSUMED DESIGN LOADS AT NEW STRUCTURE:	
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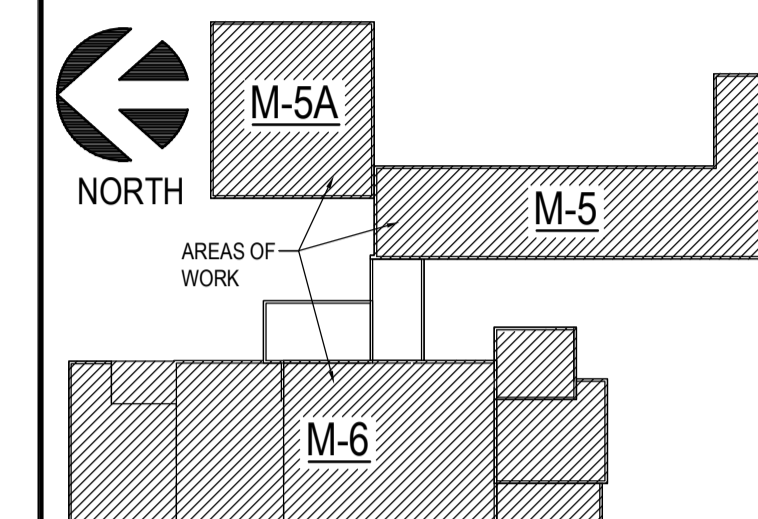
- o Verify all dimensions and site conditions and be responsible for same
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project  
**NRC - BUILDING M5, M6**  
**CATWALK REPAIRS**  
 MONTREAL ROAD CAMPUS  
 drawing  
**PART PLAN - LEVEL 2**  
**SOUTH BUILDING M-6**

designed	conçu	date	date
J-MC/JS		2022-09	
drawn	dessiné	scale	échelle
SJS		AS NOTED	
checked	vérifié	sheet	feuille
J-MC/JS		6 of/ de 15	
approved	approuvé	W.O.no.	D.T.no.
J-MC/JS		5874	

dwg.no. **5874 - S2202** dessin no.  
 ACAD file: \_\_\_\_\_ fichier CDAO: \_\_\_\_\_

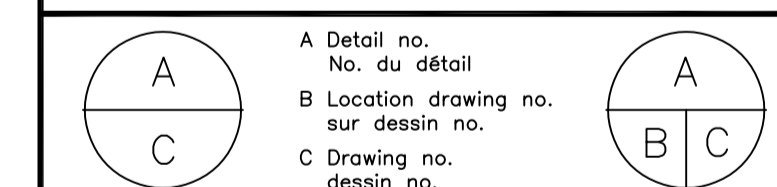


KEYPLAN

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project: NRC - BUILDING M5, M6  
 CATWALK REPAIRS

project: MONTREAL ROAD CAMPUS  
 drawing: PART PLAN - LEVEL 2 - EAST  
 BUILDING M-5A

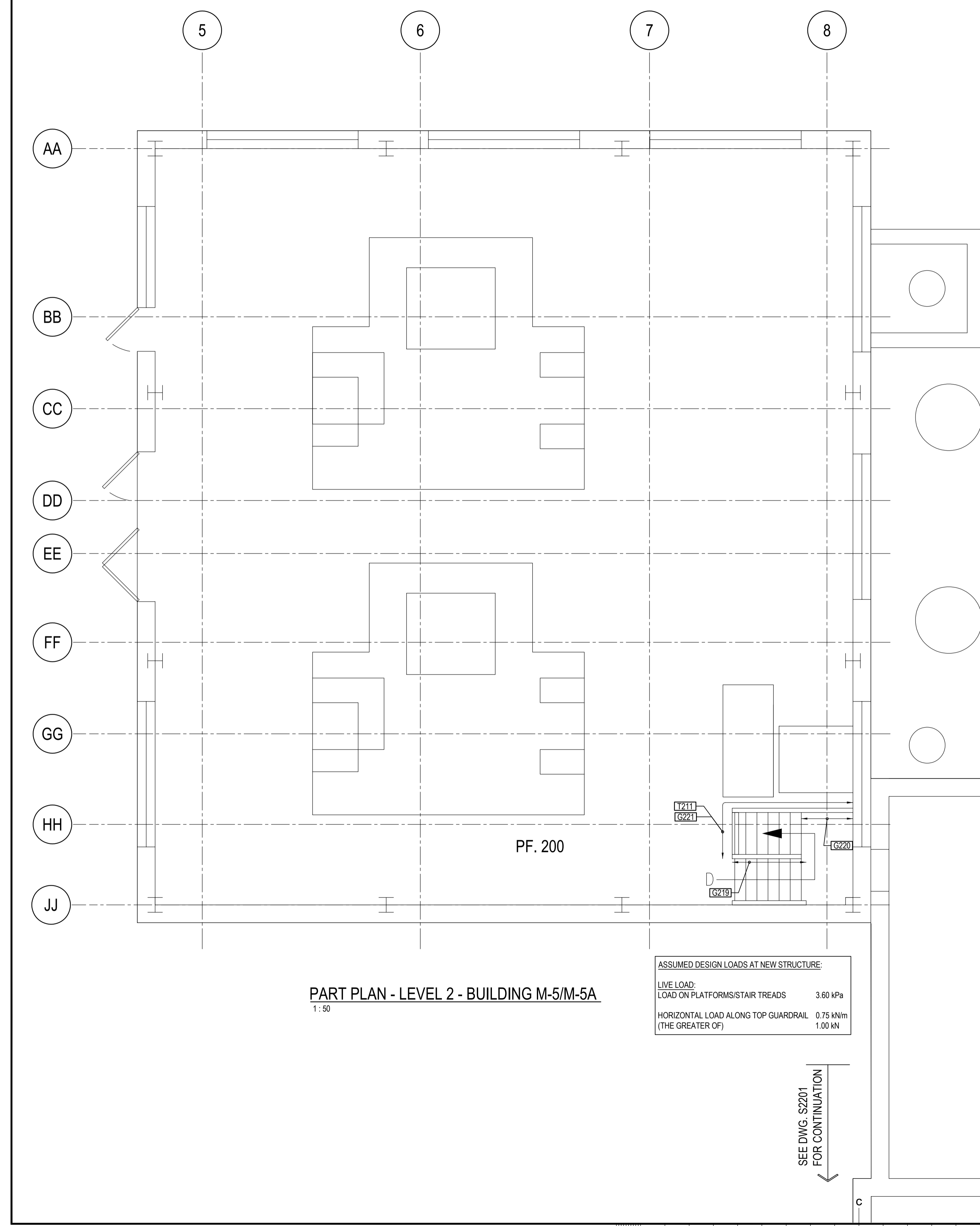
designed: J-MC/JS conçu: \_\_\_\_\_ date: 2022-09

drawn: SJS dessiné: \_\_\_\_\_ scale: AS NOTED échelle: \_\_\_\_\_

checked: J-MC/JS vérifié: \_\_\_\_\_ sheet: 6 of/de 15 feuille: \_\_\_\_\_

approved: J-MC/JS approuvé: \_\_\_\_\_ W.O.no.: 5874 D.T.no.: \_\_\_\_\_

dwg.no.: 5874 - S2203 dessin no.: \_\_\_\_\_  
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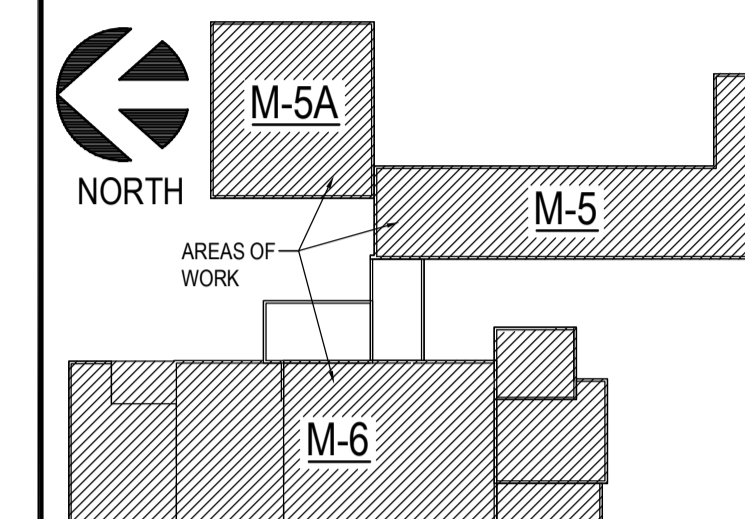
**PART PLAN - LEVEL 2 - BUILDING M-5/M-5A**  
 1:50

ASSUMED DESIGN LOADS AT NEW STRUCTURE:

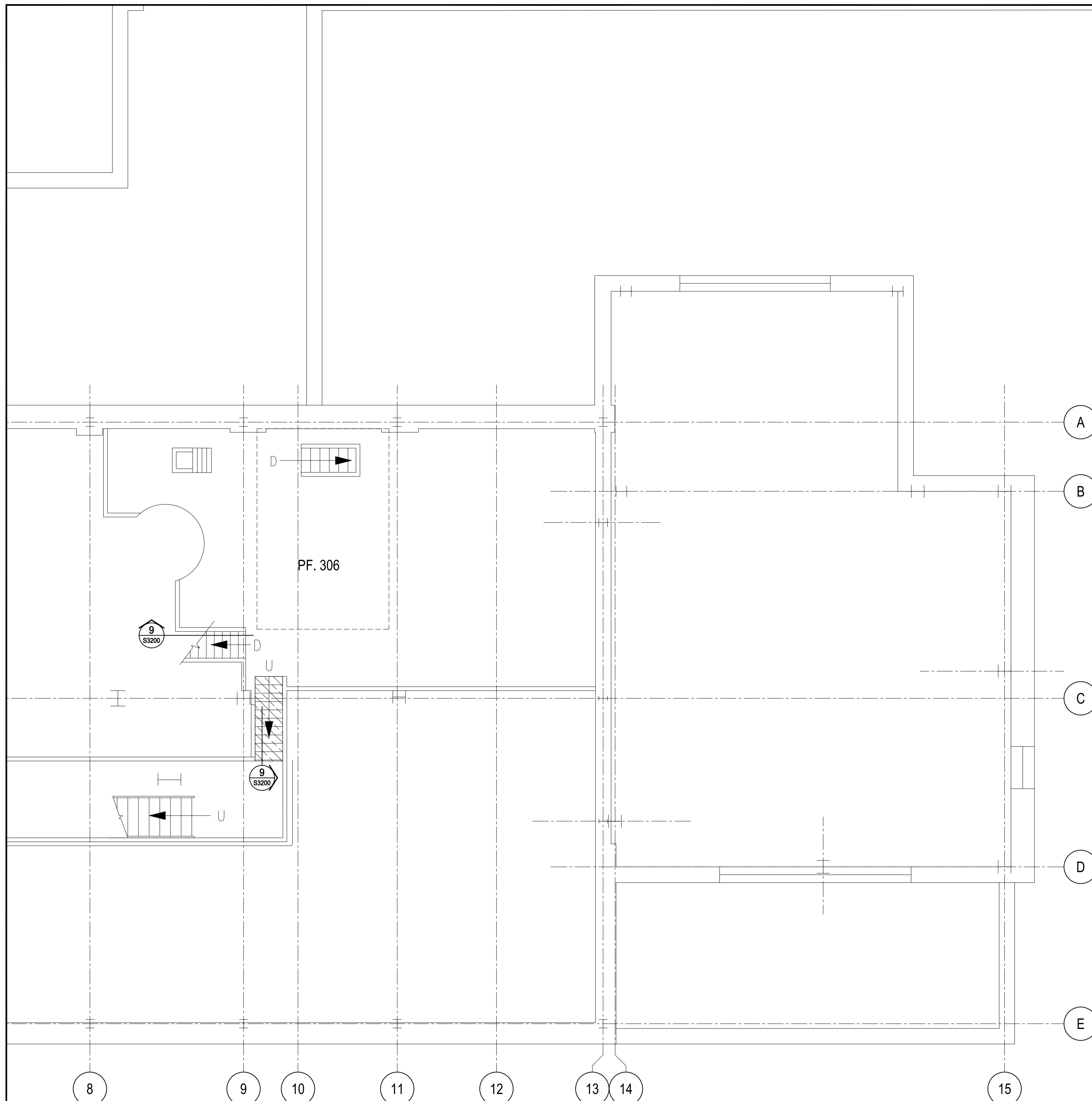
LIVE LOAD:	
LOAD ON PLATFORMS/STAIR TREADS	3.60 kPa
HORIZONTAL LOAD ALONG TOP GUARDRAIL (THE GREATER OF)	0.75 kN/m 1.00 kN

SEE DWG. S2201  
 FOR CONTINUATION





KEYPLAN



**PART PLAN - LEVEL 3 - SOUTH - BUILDING M-6**  
 1:50

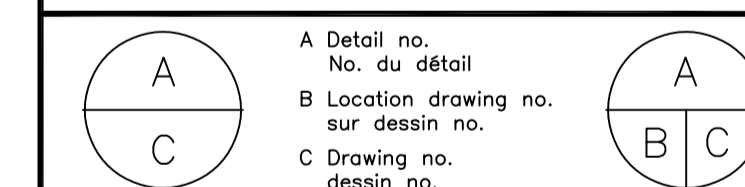
ASSUMED DESIGN LOADS AT NEW STRUCTURE:

LIVE LOAD:	
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HORIZONTAL LOAD ALONG TOP GUARDRAIL (THE GREATER OF)	0.75 kN/m 1.00 kN

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1	2022-10-27	ISSUED FOR TENDER	SJS
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project  
 NRC - BUILDING M5, M6  
 CATWALK REPAIRS

drawing  
 MONTREAL ROAD CAMPUS  
 PART PLAN - LEVEL 3 - SOUTH  
 BUILDING M-6

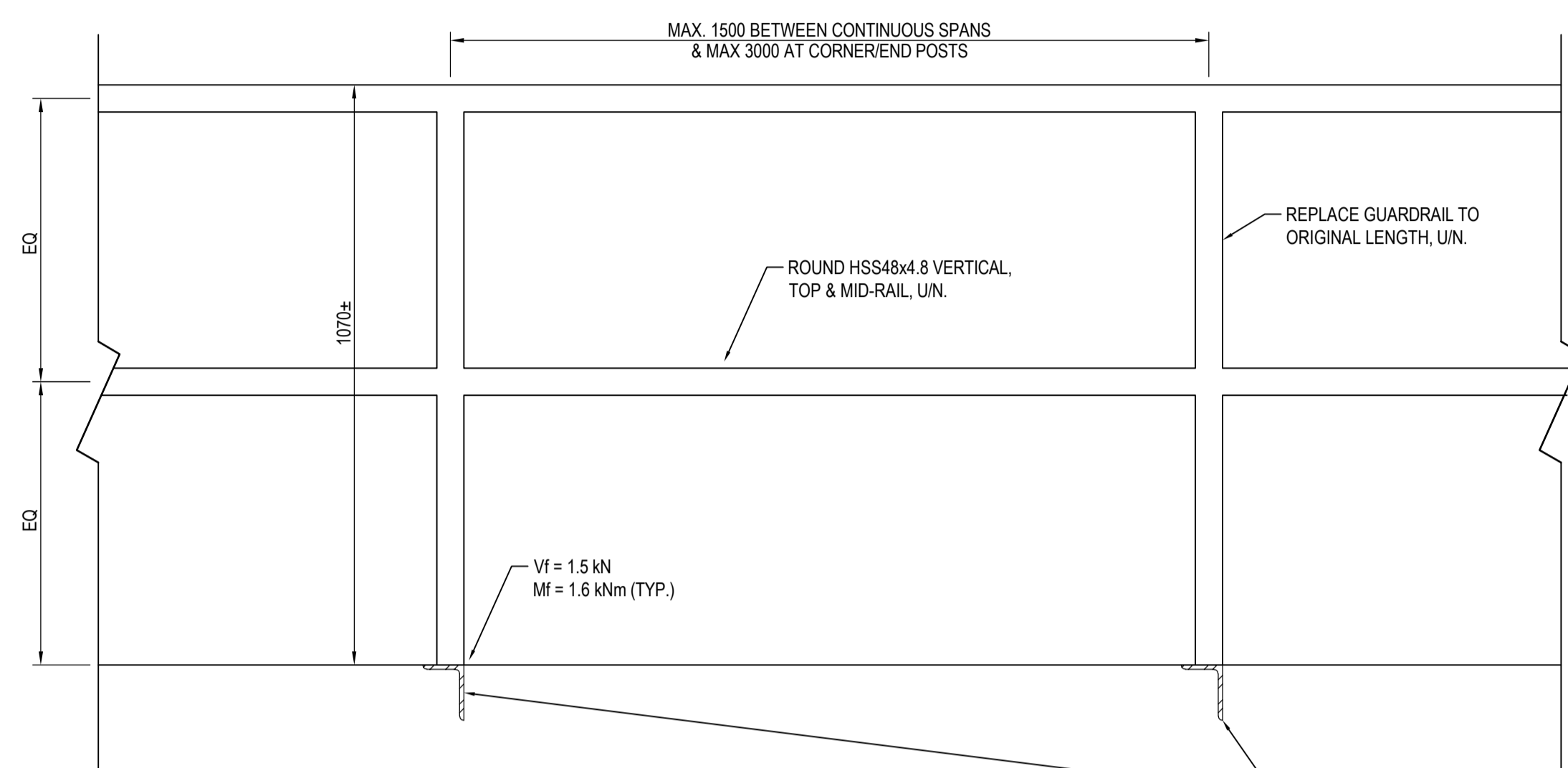
designed	conçu	date	2022-09
J-MC/JS			

drawn	dessiné	scale	AS NOTED
SJS			

checked	vérifié	sheet	8 of/de 15
J-MC/JS			

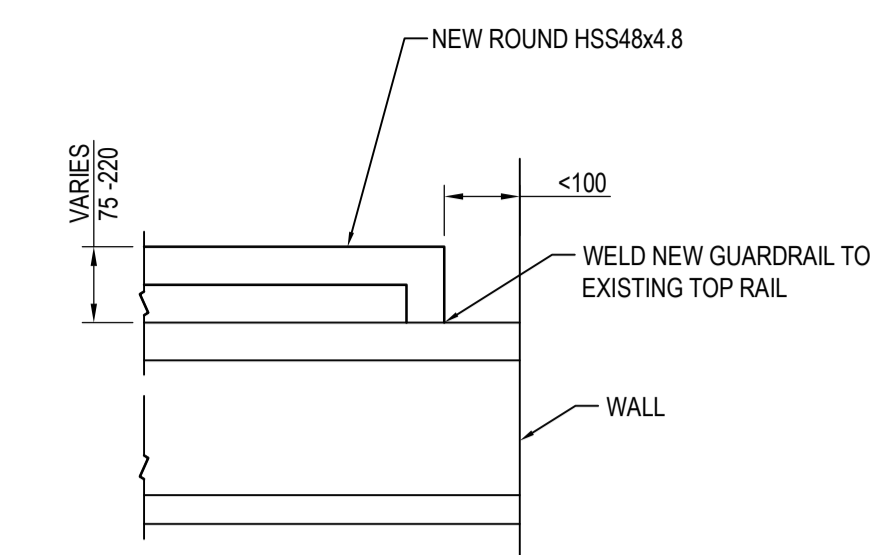
approved	approuvé	W.O.no.	D.T.no.
J-MC/JS		5874	

dwg.no.	dessin no.
5874 - S2301	
ACAD file:	fichier CDAO:

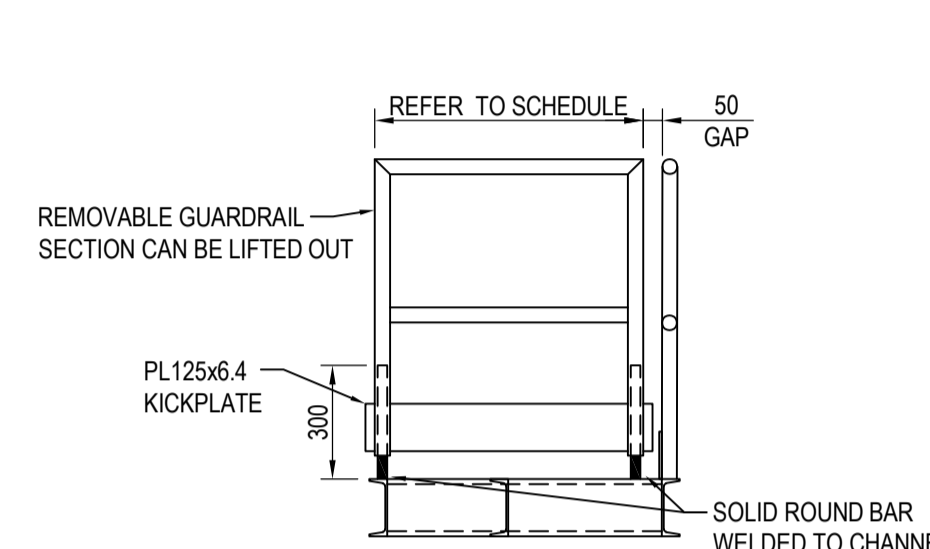


**TYPICAL GUARDRAIL SECTION**  
1:10

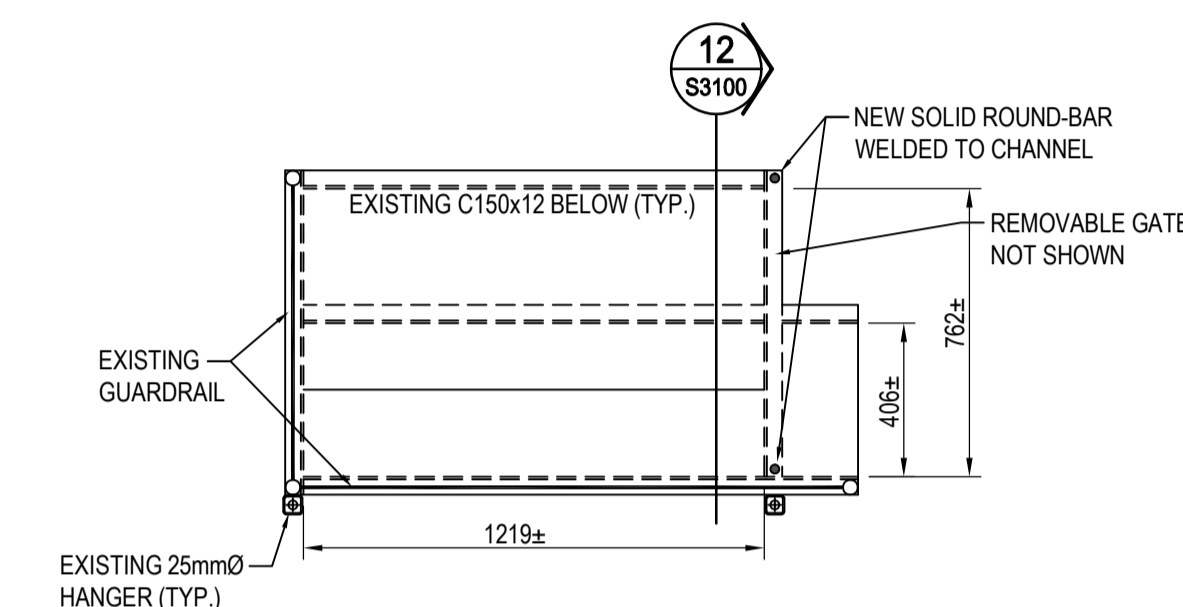
INSTALL NEW GUARDRAIL POST ABOVE EXISTING TRANSVERSE SUPPORTING ANGLE/CHANNEL/W-BEAM. WHERE SUPPORTING ANGLE NOT PRESENT, APPLY Ø3100 SIM. NOT APPLICABLE AT STAIRS, CONCRETE FLOORS AND WHERE GUARDRAIL INSTALLED ABOVE W-BEAMS.



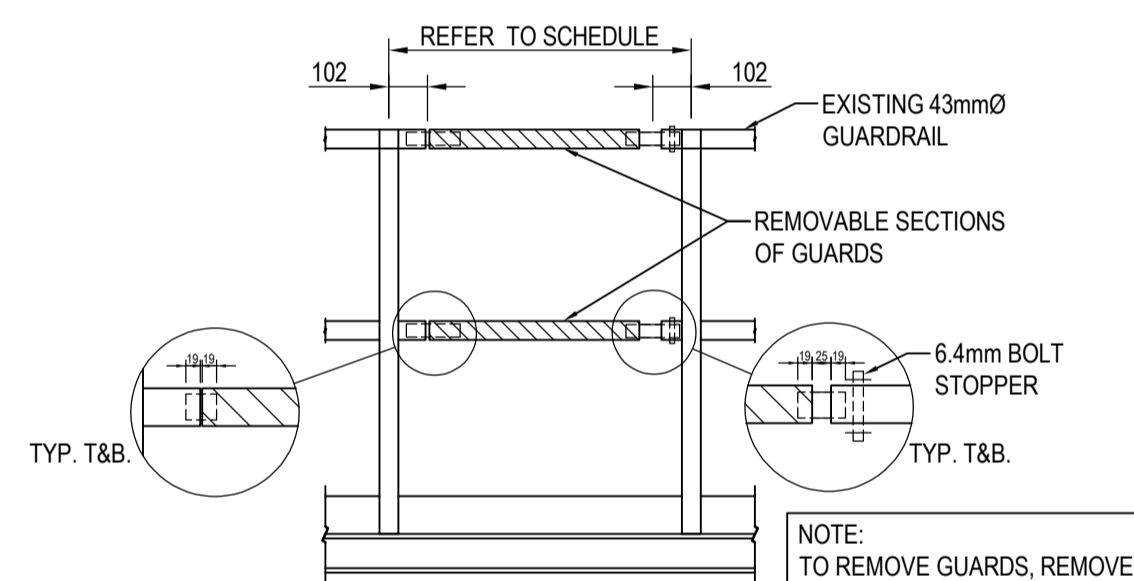
**13 GUARDRAIL SECTION - NEW CONSTRUCTION**  
1:10



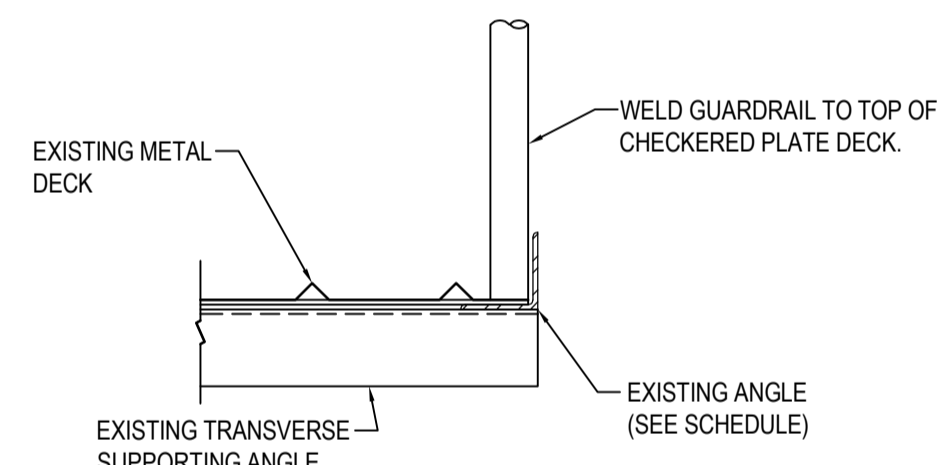
**12 SECTION - REMOVABLE GUARDRAIL**  
S3100 1:20



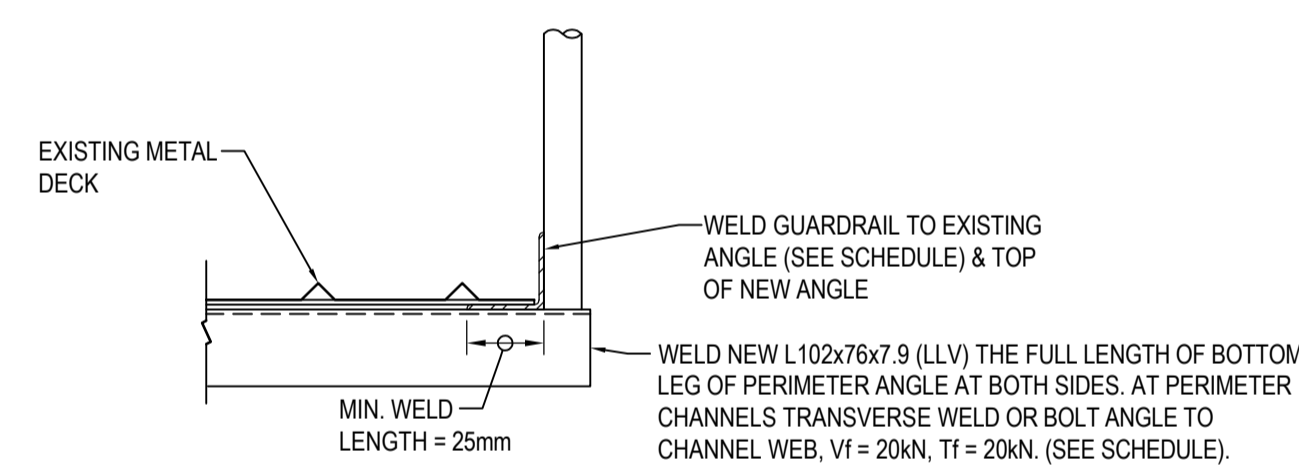
**11 RG301 PLAN**  
S2101 1:20



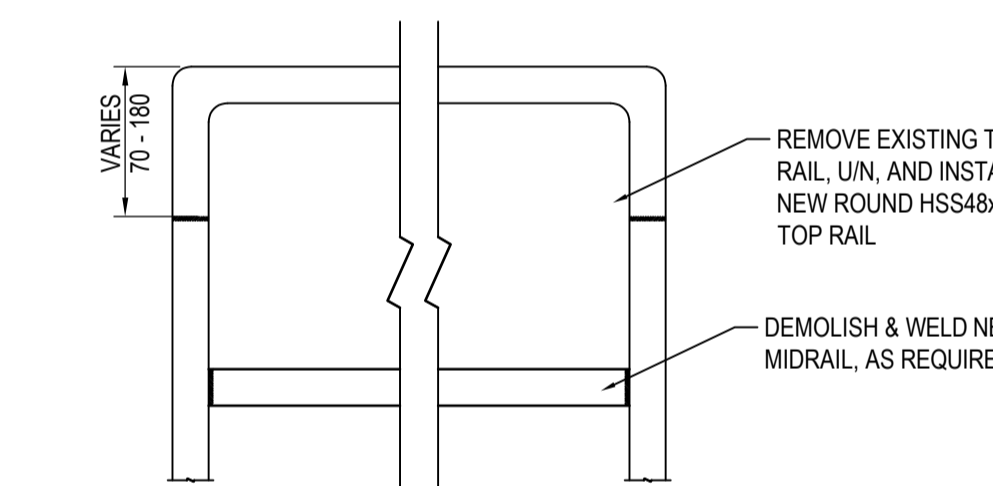
**10 RG302 ELEVATION**  
1:20



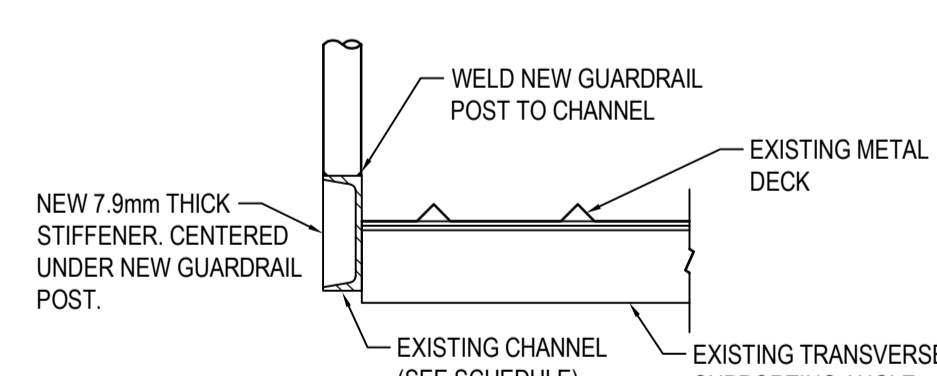
**9 GUARDRAIL SECTION - NEW CONSTRUCTION**  
1:10



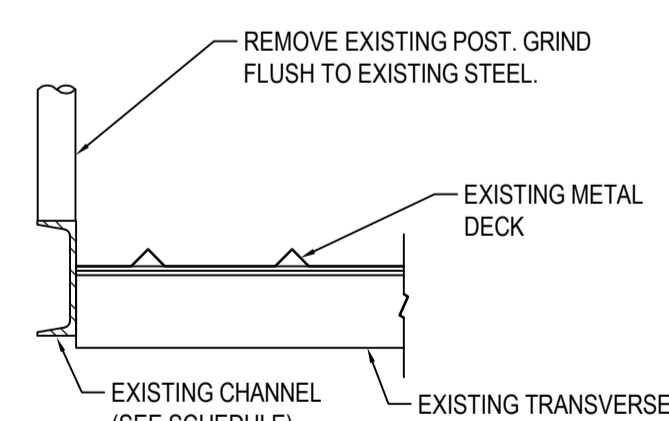
**8 GUARDRAIL SECTION - NEW CONSTRUCTION**  
1:10



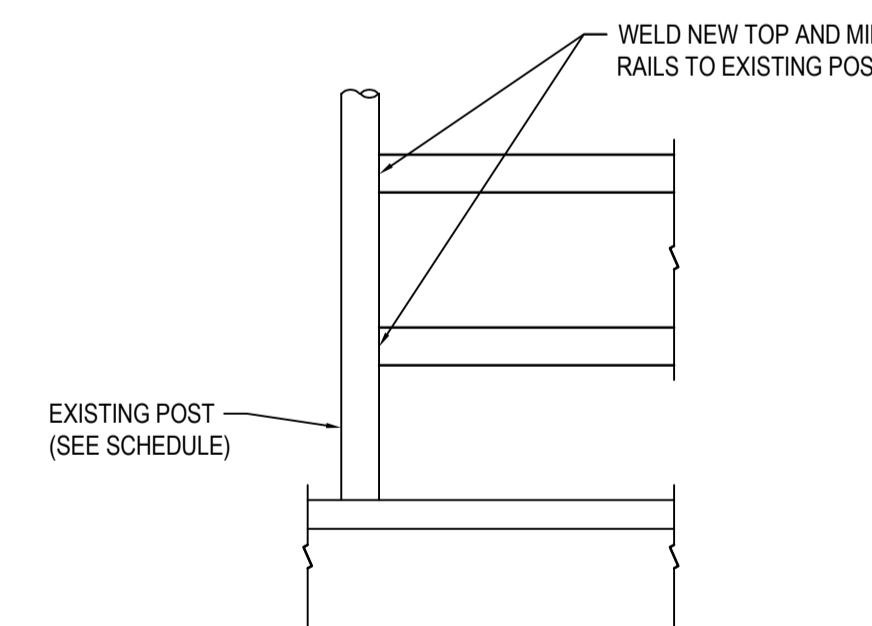
**7 GUARDRAIL SECTION - DEMOLITION & NEW CONSTRUCTION**  
1:10



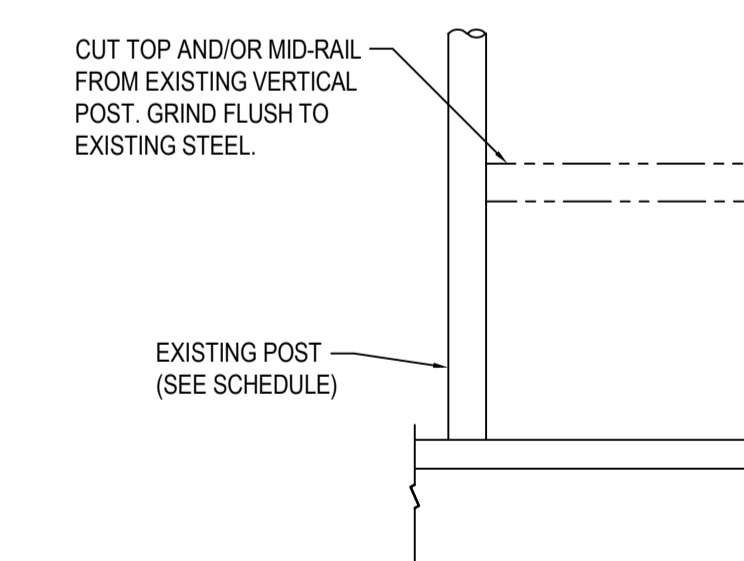
**6C GUARDRAIL SECTION - NEW CONSTRUCTION**  
1:10



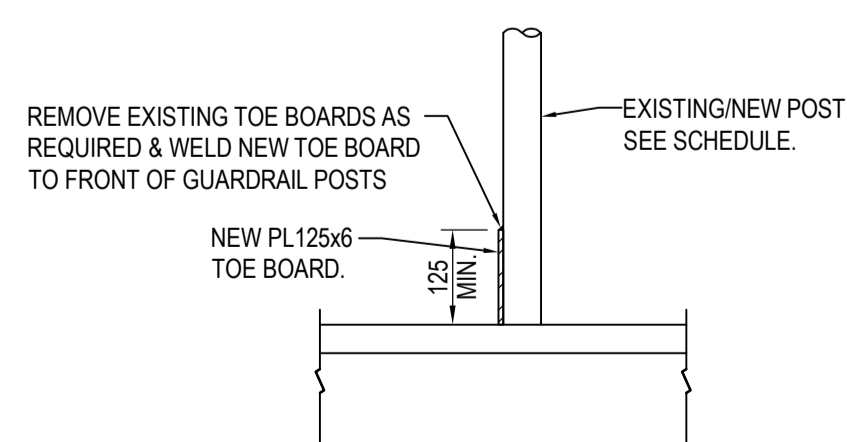
**6D GUARDRAIL SECTION - DEMOLITION**  
1:10



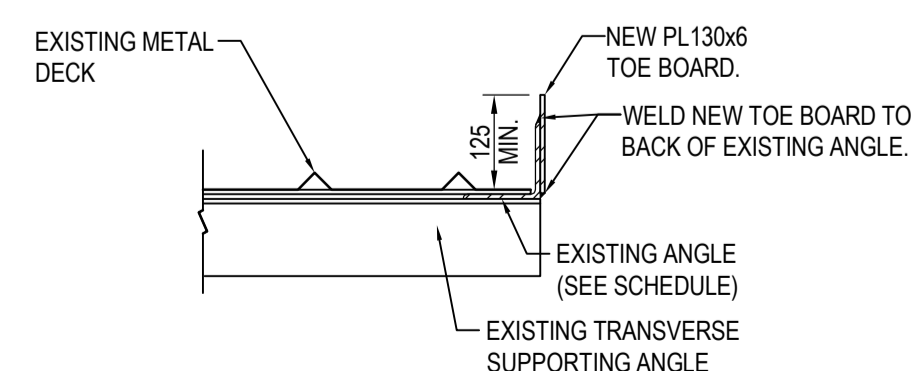
**5C GUARDRAIL SECTION - NEW CONSTRUCTION**  
1:10



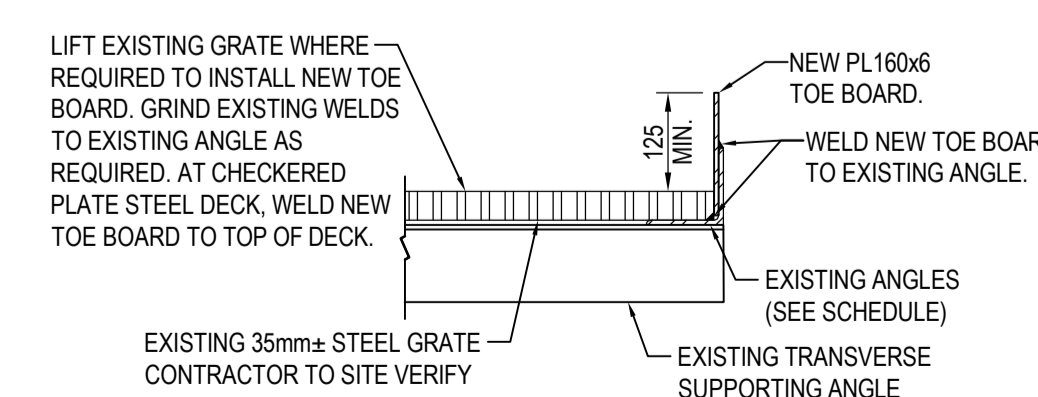
**5D GUARDRAIL SECTION - DEMOLITION**  
1:10



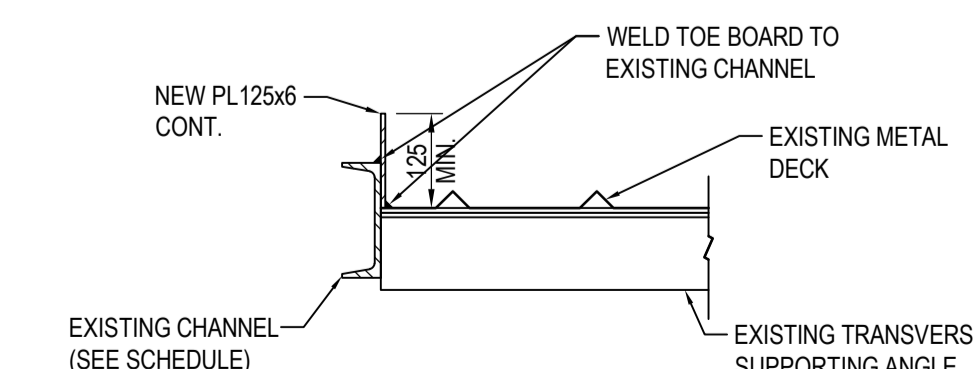
**4 TOE BOARD SECTION - NEW CONSTRUCTION & DEMOLITION**  
1:10



**3 TOE BOARD SECTION - NEW CONSTRUCTION**  
1:10



**2 TOE BOARD SECTION - NEW CONSTRUCTION**  
1:10



**1 TOE BOARD SECTION - NEW CONSTRUCTION**  
1:10

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

project: NRC - BUILDING M5, M6 CATWALK REPAIRS

project: MONTREAL ROAD CAMPUS

drawing: SECTIONS & DETAILS

designed: J-MC/SJS conçu: J-MC/SJS date: 2022-09

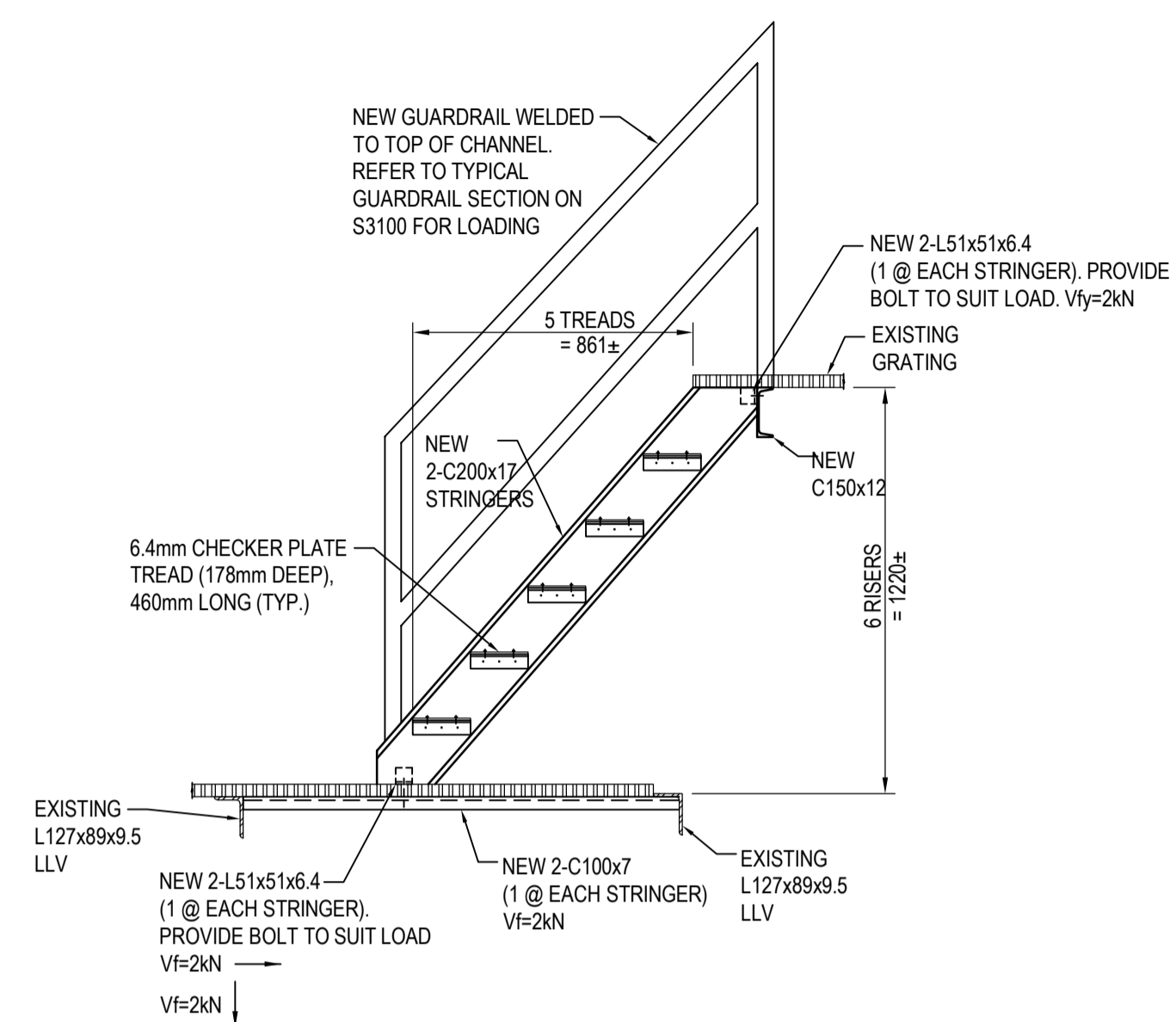
drawn: SJS dessiné: SJS scale: AS NOTED échelle:

checked: J-MC/SJS vérifié: J-MC/SJS sheet: 9 of/ de 15

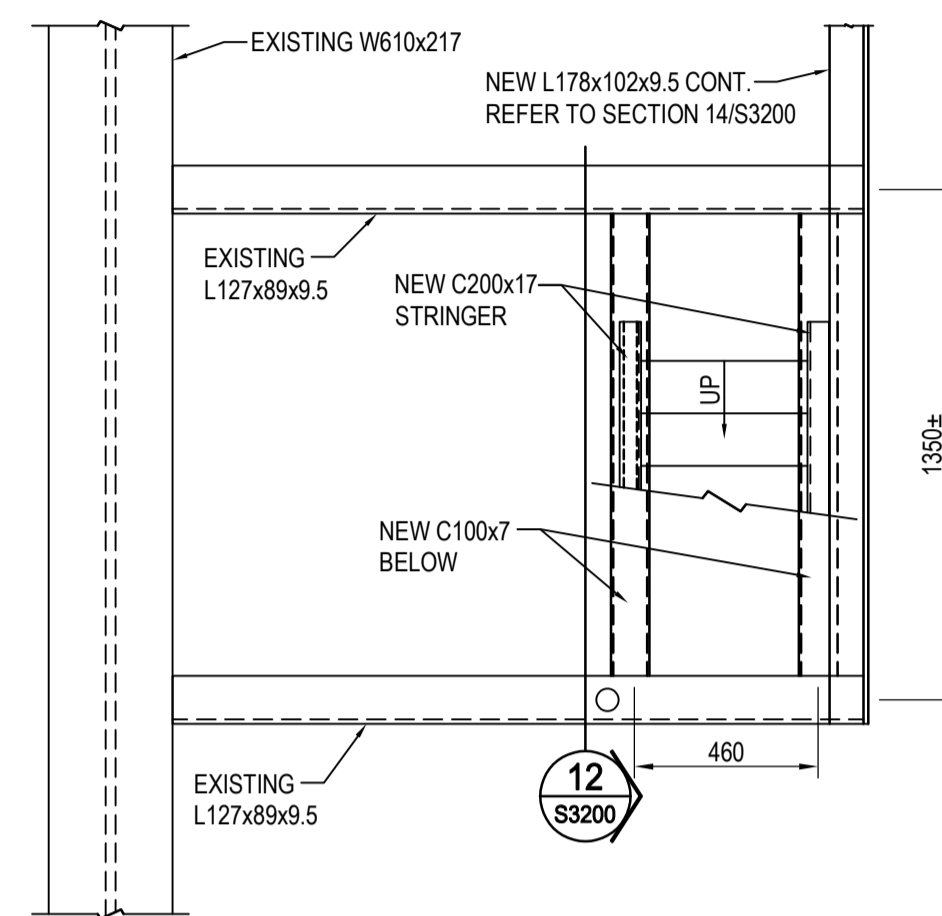
approved: J-MC/SJS approuvé: J-MC/SJS W.O.no.: 5874 D.T.no.:

dwg.no.: 5874 - S3100 dessin no.:

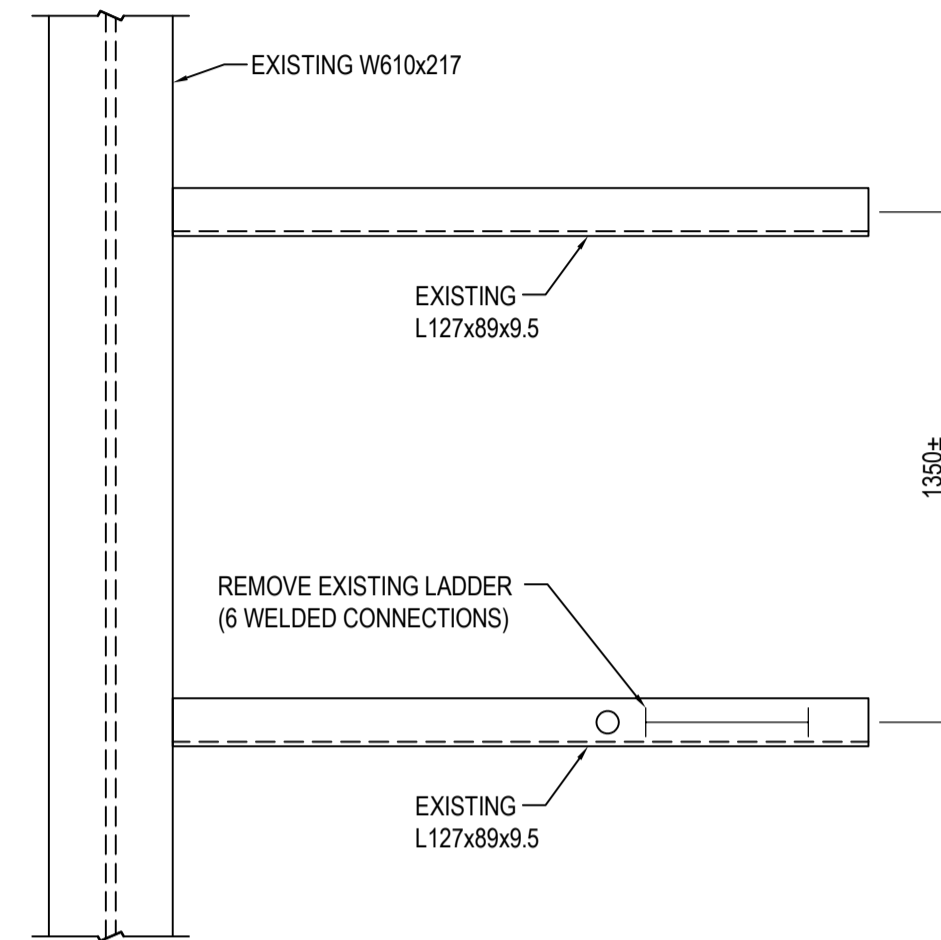
ACAD file: \_\_\_\_\_ fichier CDAO: \_\_\_\_\_



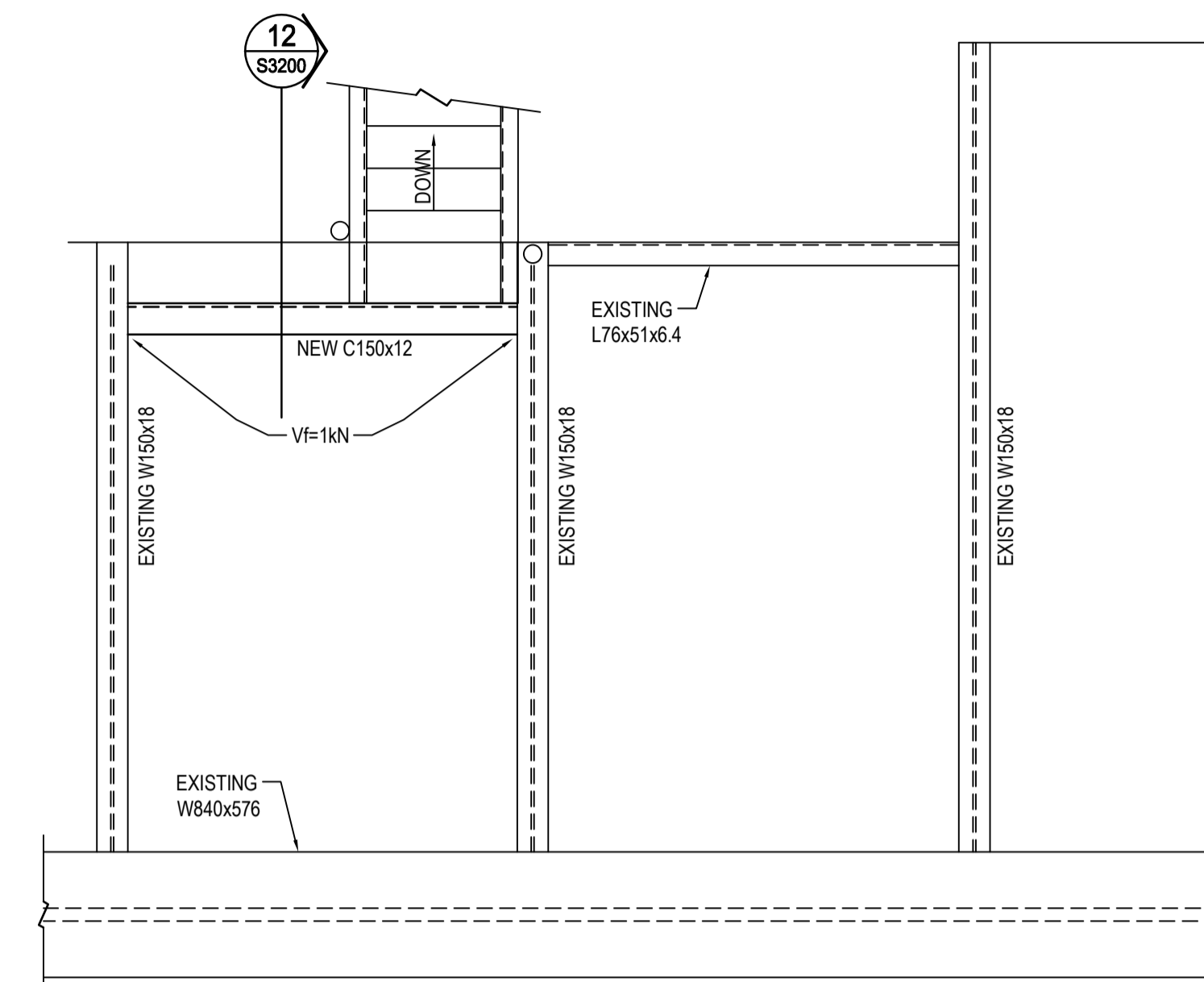
12 SECTION - SHIP LADDER  
 S3200 1:20



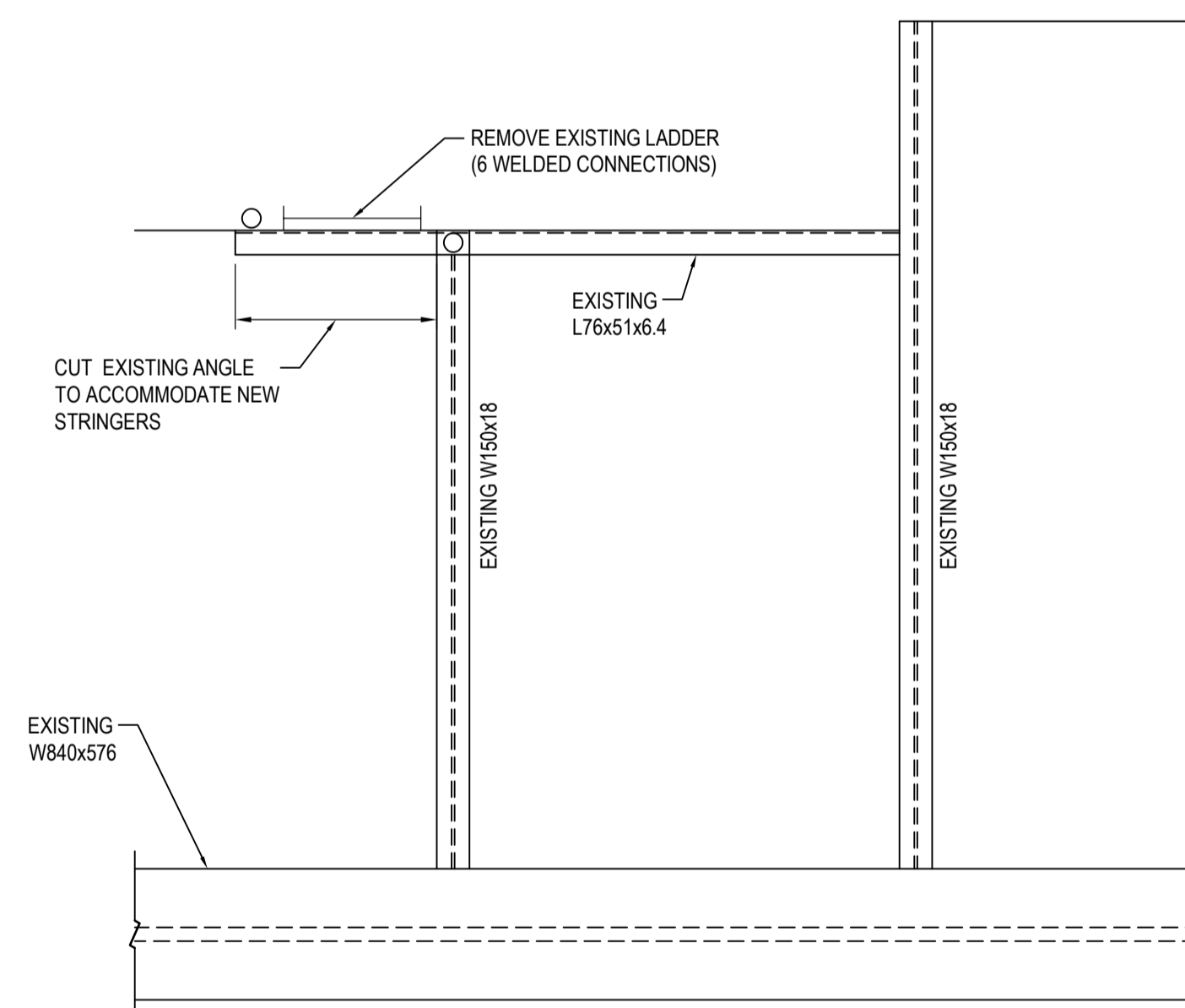
11C PLAN DETAIL - LOWER LEVEL - NEW CONSTRUCTION  
 S2201 1:20  
 NEW SHIP LADDER @ LEVEL 2



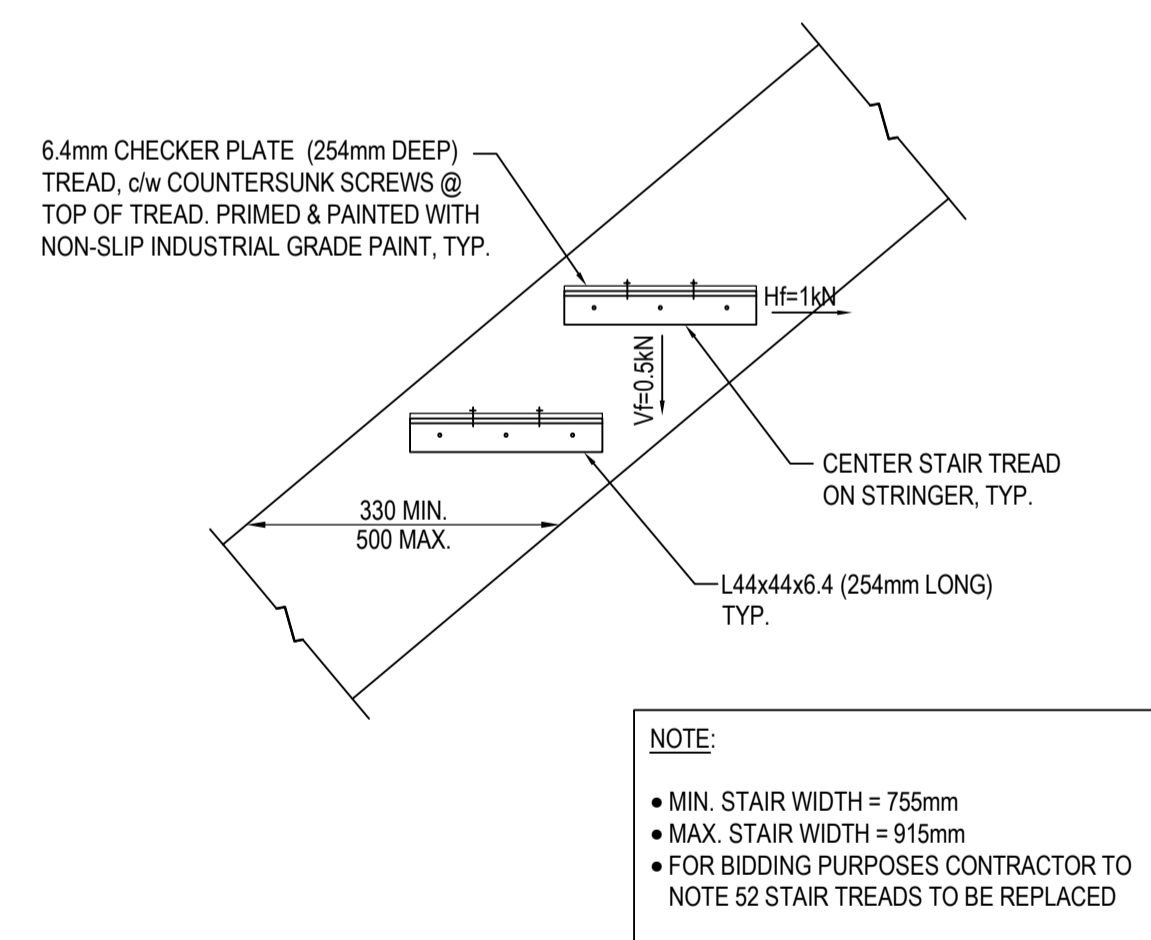
11D PLAN DETAIL - LOWER LEVEL - DEMOLITION  
 S2201 1:20



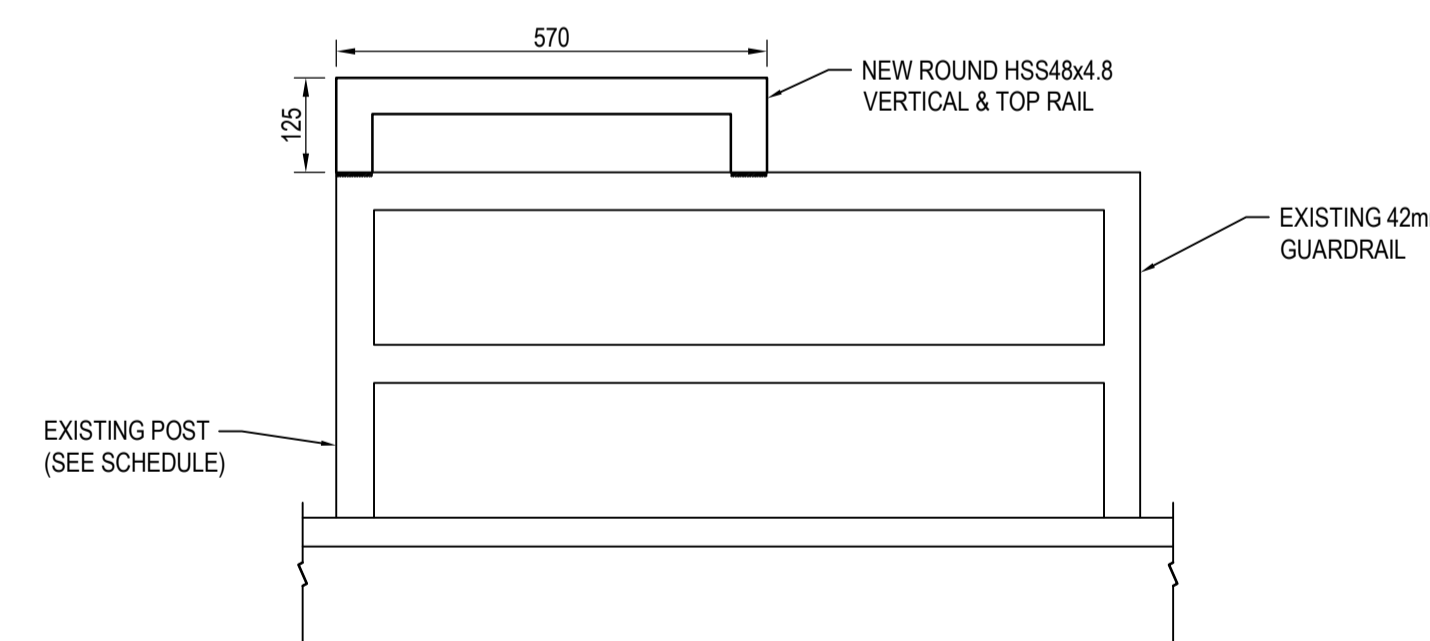
10C PLAN DETAIL - UPPER LEVEL - NEW CONSTRUCTION  
 S2201 1:20



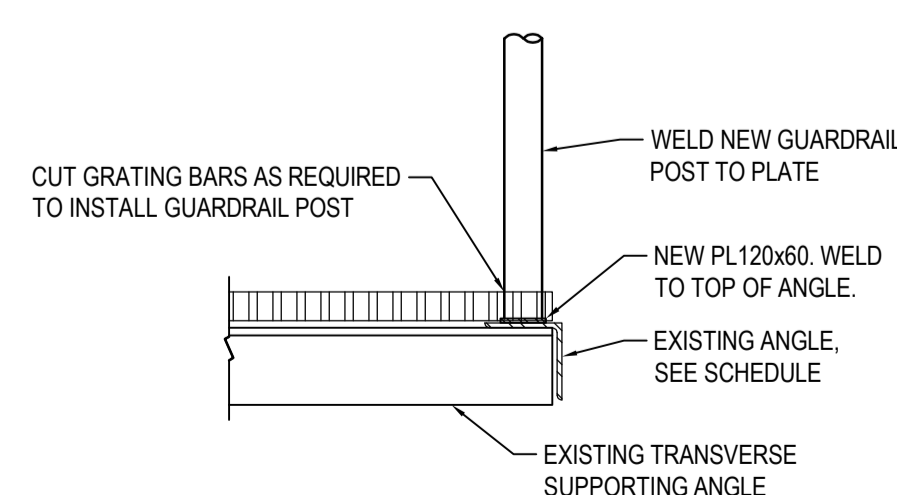
10D PLAN DETAIL - UPPER LEVEL - DEMOLITION  
 S2201 1:20



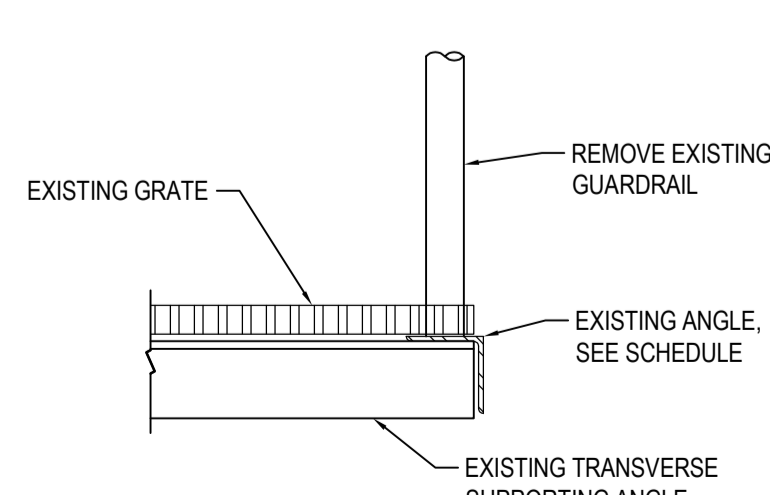
9 TYPICAL STAIR TREAD REPLACEMENT  
 1:10



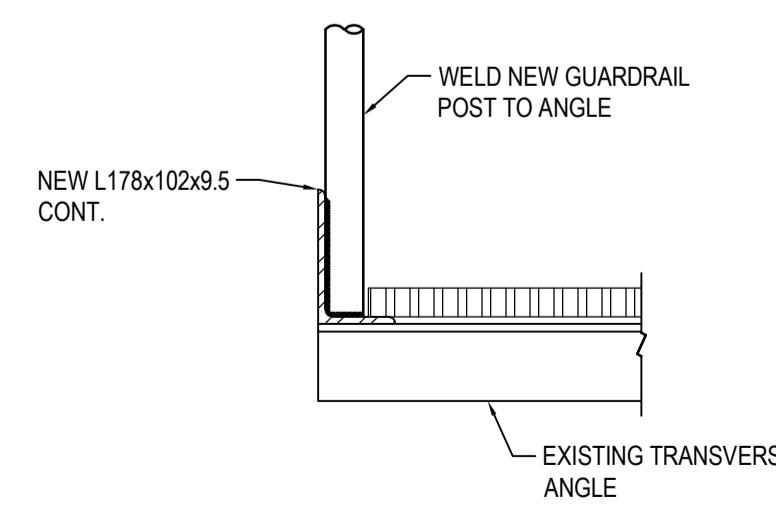
17 GUARDRAIL SECTION - NEW CONSTRUCTION  
 1:10



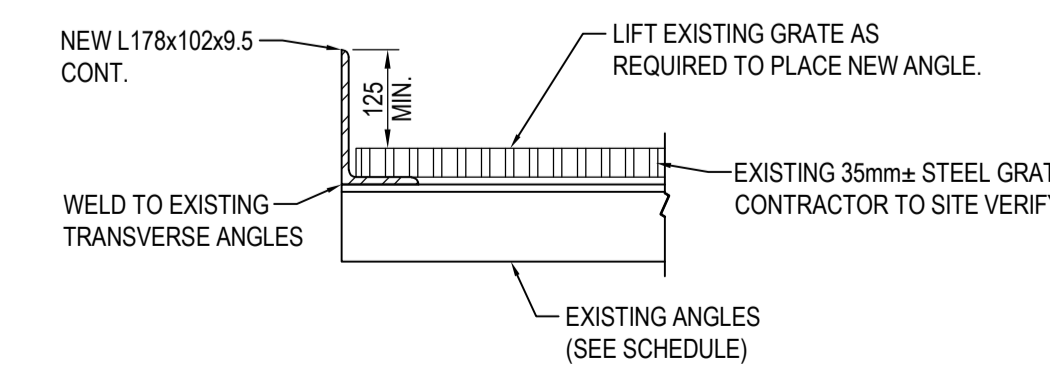
16C GUARDRAIL SECTION - NEW CONSTRUCTION  
 1:10



16D GUARDRAIL SECTION - DEMOLITION  
 1:10



15 GUARDRAIL SECTION - NEW CONSTRUCTION  
 1:10



14 TOE BOARD SECTION - NEW CONSTRUCTION  
 1:10

No.	Date	Revision	By: Parr.
1	2022-10-27	ISSUED FOR TENDER	SJS
0	2022-09-22	ISSUED FOR REVIEW	SJS

Date Printed: 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

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

project: NRC - BUILDING M5, M6 CATWALK REPAIRS

MONTREAL ROAD CAMPUS

drawing: SECTIONS & DETAILS

designed: J-MC/JS conçu: 2022-09 date

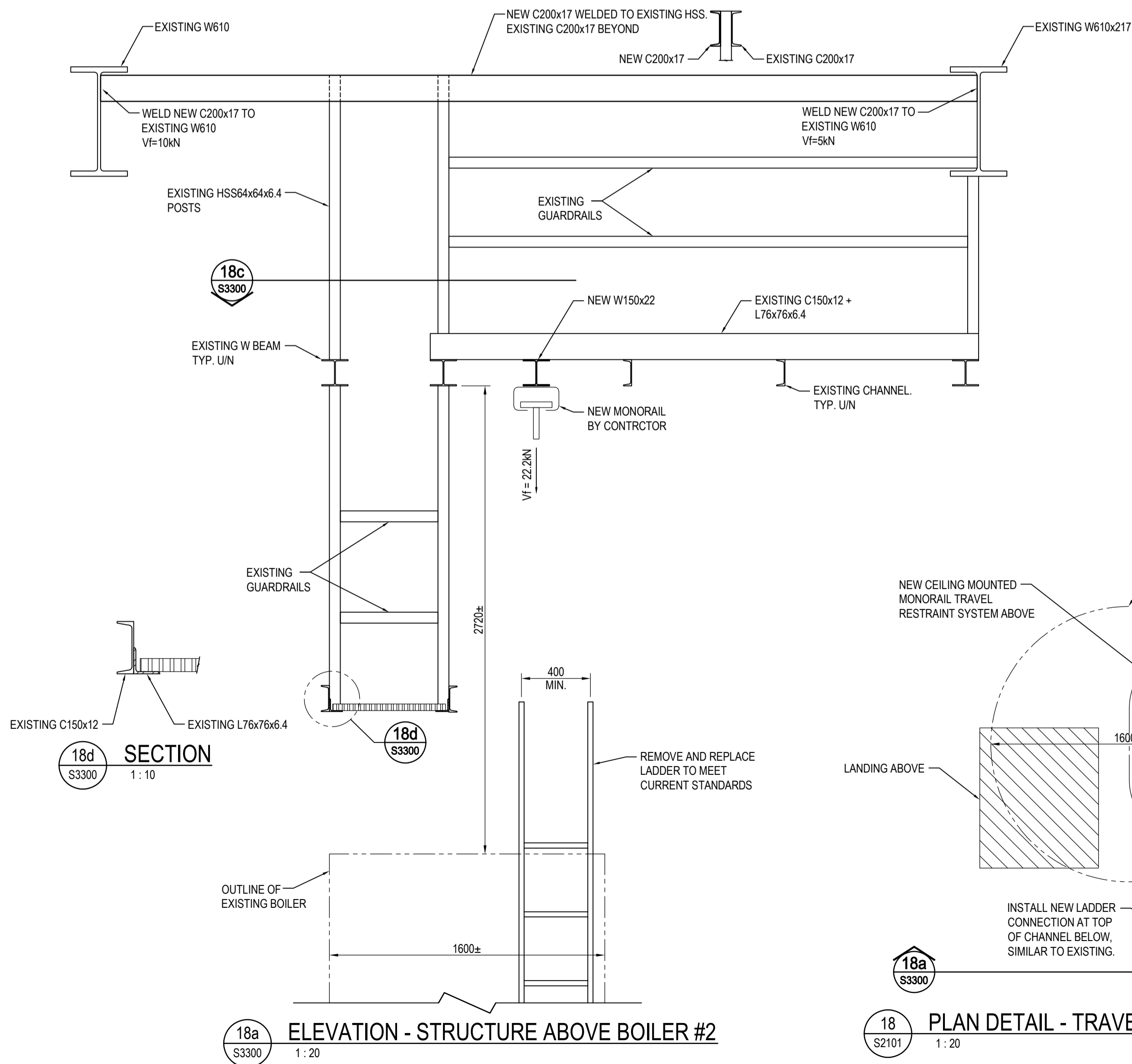
drawn: SJS dessiné: AS NOTED échelle

checked: J-MC/JS vérifié: 10 of/ de 15 sheet/ feuille

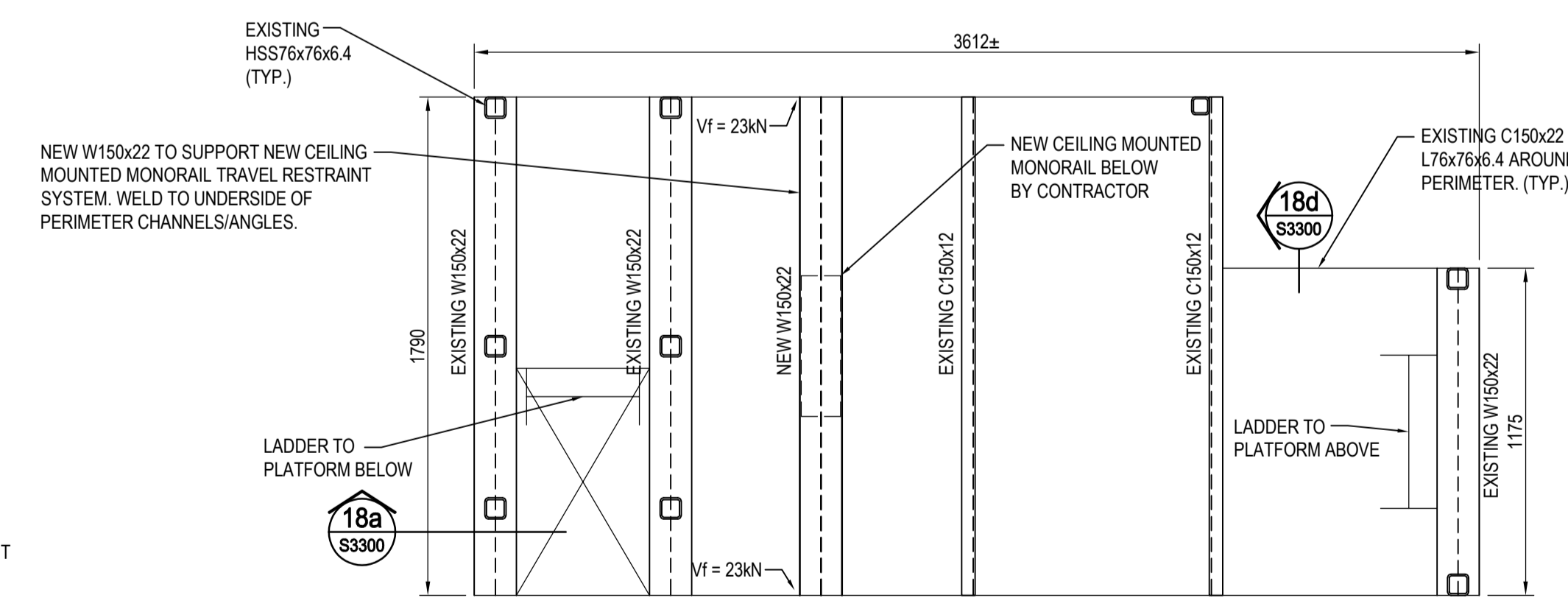
approved: J-MC/JS approuvé: 5874 W.O.no. D.T.no.

dwg.no.: 5874 - S3200 dessin no.

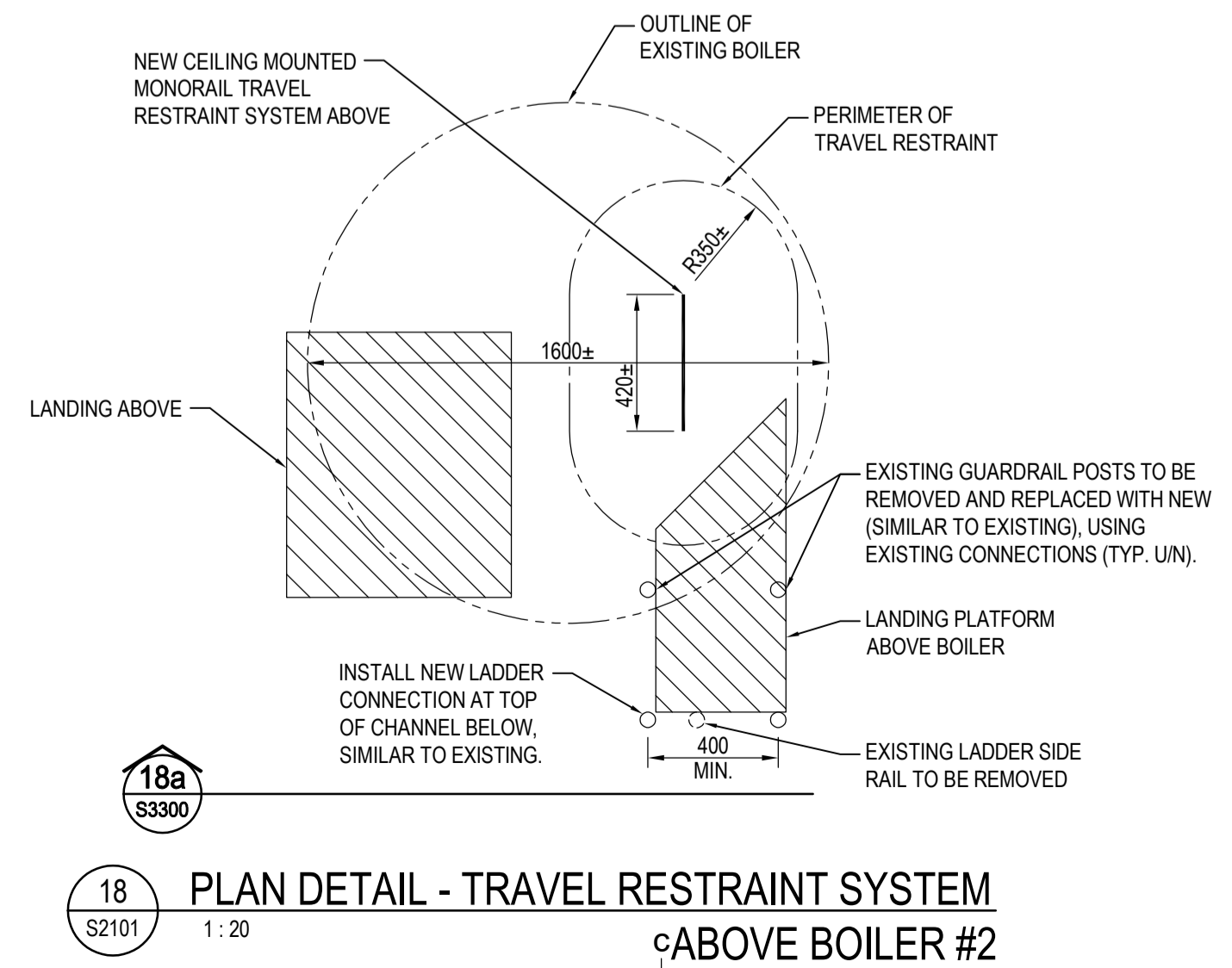
ACAD file: fichier CDAO:



**18a**  
 S3300  
 1:20  
**ELEVATION - STRUCTURE ABOVE BOILER #2**



**18c**  
 S3300  
 1:20  
**PLAN DETAIL - TRAVEL RESTRAINT SYSTEM ABOVE BOILER #2**



**18**  
 S2101  
 1:20  
**PLAN DETAIL - TRAVEL RESTRAINT SYSTEM ABOVE BOILER #2**

No.	Date	Revision	By: / Par:
1	2022-10-27	ISSUED FOR TENDER	SJS
0	2022-09-22	ISSUED FOR REVIEW	SJS

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

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

project: NRC - BUILDING M5, M6 CATWALK REPAIRS

MONTREAL ROAD CAMPUS

drawing: SECTIONS & DETAILS

designed / conçu	J-MC/JS	date	2022-09
drawn / dessiné	SJS	scale	AS NOTED
checked / vérifié	J-MC/JS	sheet / feuille	11 of / de 15
approved / approuvé	J-MC/JS	W.O.no. / D.T.no.	5874

dwg.no. / dessin no.: 5874 - S3300  
 ACAD file: \_\_\_\_\_ fichier CDAO: \_\_\_\_\_



Adjeleian Allen Rubeli  
 Consulting Engineers  
 75 Albert Street, Ottawa, Ontario  
 4211 Yonge Street, Toronto, Ontario  
 AAR PROJECT 5564-45

**GUARDRAIL SCHEDULE**

MARK	SECTION	LENGTH (mm)	CONNECTED MATERIAL	COMMENTS	REFERENCE PHOTO
G101	6D/S3100, 16/S3200	1230.0	L64x64x6.4	CUT GUARDRAIL FROM ADJACENT POST (GRAY), SEE PHOTO	PHOTO 3/S5001
G102	6/S3100	570.0	EXISTING POST: Ø = 42		PHOTO 4/S5001
G103	LEFT: 5D/S3100 RIGHT: 16D/S3200	624.0	EXISTING POST: Ø = 42 L64x64x6.4		PHOTO 4/S5001
G104	RIGHT: 5/S3100 TYPICAL: 15/S3200	2400.0	EXISTING POST: Ø = 42 L178x102x9.5		PHOTO 2/S5001
G105	7/S3100	430.0	EXISTING POST: Ø = 42		PHOTO 5/S5001
G201	6/S3100	1440.0	C150x16		PHOTO 9, SIM/S5001
G202	6/S3100	5470.0	C150x16		PHOTO 9, SIM/S5001
G203	6/S3100	3700.0	C150x16		PHOTO 9, SIM/S5001
G204	6/S3100	3560.0	C150x16		PHOTO 9, SIM/S5001
G205	6/S3100	1100.0	C150x16		PHOTO 9, SIM/S5001
G206	6/S3100	6010.0	C150x16		PHOTO 9, SIM/S5001
G207	6/S3100	1100.0	C150x16		PHOTO 8, SIM/S5001
G208	6/S3100	2380.0	C150x16		PHOTO 9, SIM/S5001
G209	6/S3100	1440.0	C150x16		PHOTO 9, SIM/S5001
G210	6/S3100	4920.0	C150x16		PHOTO 9, SIM/S5001
G211	6/S3100	1030.0	C150x16		PHOTO 9, SIM/S5001
G212	6/S3100	1500.0	C150x16		PHOTO 9, SIM/S5001
G213	6/S3100	5730.0	EXISTING POST: Ø = 42		PHOTO 8/S5001
G214	6/S3100	4460.0	C150x16		PHOTO 9/S5001
G215	6/S3100	2130.0	C150x16		PHOTO 9/S5001
G216	6/S3100	1340.0	C150x17		PHOTO 9, SIM/S5001
G217	6/S3100	1765.0	MC250x12.5		PHOTO 9, SIM/S5001
G218	6/S3100	3530.0	MC250x12.5		PHOTO 9, SIM/S5001
G219	6/S3100	1760.0	MC250x12.5		PHOTO 9, SIM/S5001
G220	6/S3100	1060.0	MC250x12.5		PHOTO 9, SIM/S5001
G221	LEFT: 13/S3100 TYPICAL: 7/S3100	3380.0	EXISTING POST: Ø = 42		PHOTO 10/S5001
G222	6/S3100	5150.0	MC250x12.5		PHOTO 9, SIM/S5001

**GUARDRAIL SCHEDULE (CONT.)**

MARK	SECTION	LENGTH (mm)	CONNECTED MATERIAL	COMMENTS	REFERENCE PHOTO
G301	6D/S3100	3440.0	C150x16		PHOTO 12/S5001
G302	6/S3100	1720.0	C150x16		PHOTO 18, SIM/S5002
G303	LEFT: 7/S3100 RIGHT: 7/S3100	2410.0	EXISTING POST: Ø = 42 C100x7	DO NOT REMOVE GUARDRAIL EXTENDING TO WALL	PHOTO 19/S5002
G304	LEFT: 5/S3100 RIGHT: 7/S3100	2410.0	EXISTING POST: Ø = 60 EXISTING POST: Ø = 42		PHOTO 20, SIM/S5002 PHOTO 19/S5002
G305	LEFT: 8/S3100 6C/S3100, 6D/S3100	800.0	EXISTING POST: Ø = 60 C100x7		PHOTO 20, SIM/S5002 PHOTO 18, SIM/S5002
G306	5/S3100 @ 2835 ALTERNATE 6C/S3100 @ 2835 ALTERNATE	2150.0	EXISTING POST: Ø = 60 C100x7		PHOTO 20, SIM/S5002 PHOTO 18, SIM/S5002
G307	5/S3100 @ 2835 ALTERNATE 6C/S3100 @ 2835 ALTERNATE	5000.0	EXISTING POST: Ø = 60 C100x7		PHOTO 20, SIM/S5002 PHOTO 18, SIM/S5002
G308	5/S3100 @ 2835 ALTERNATE 6C/S3100 @ 2835 ALTERNATE	7720.0	EXISTING POST: Ø = 60 C100x7		PHOTO 20, SIM/S5002 PHOTO 18, SIM/S5002
G309	6C/S3100, 6D/S3100	1250.0	C100x7		PHOTO 18, SIM/S5002
G310	6C/S3100, 6D/S3100	4630.0	MC250x12.5		PHOTO 18, SIM/S5002
G311	LEFT: 6C/S3100 RIGHT: 5/S3100	350.0	C100x7 EXISTING POST: Ø = 60		PHOTO 18, SIM/S5002 PHOTO 20, SIM/S5002
G312	LEFT: 7/S3100 RIGHT: 6C/S3100	1920.0	EXISTING POST: Ø = 42 C100x7		PHOTO 19, SIM/S5002 PHOTO 18, SIM/S5002
G313	LEFT: 5/S3100 RIGHT: 7/S3100	255.0	EXISTING POST: Ø = 60 EXISTING POST: Ø = 42		PHOTO 20, SIM/S5002 PHOTO 21/S5002
G314	5/S3100	1760.0	EXISTING POST: Ø = 60		PHOTO 20, SIM/S5002
G315	6/S3100	8040.0	MC250x12.5		PHOTO 18, SIM/S5002
G316	6/S3100	2660.0	MC250x12.5		PHOTO 18, SIM/S5002
G317	6/S3100	1270.0	MC250x12.5		PHOTO 18, SIM/S5002
G318	LEFT: 6/S3100 TYPICAL: 8/S3100	1900.0	MC250x12.5 L102x76x6.4		PHOTO 18, SIM/S5002 PHOTO 16/S5002
G319	LEFT: 6/S3100 RIGHT: 5/S3100	200.0	MC250x12.5 EXISTING POST: Ø = 42		PHOTO 22/S5002
G320	LEFT: 5/S3100 TYPICAL: 6/S3100	2660.0	EXISTING POST: Ø = 60 MC250x12.5		PHOTO 22/S5002
G321	LEFT: 9/S3100 RIGHT: 6/S3100	930.0	L76x76x4.8 C100x7		PHOTO 23/S5002
G322	6/S3100	720.0	C100x7		PHOTO 18, SIM/S5002

- NOTE:
- LEFT = LEFT-MOST VERTICAL POST WITHIN GUARDRAIL, STANDING ON THE ADJACENT LANDING.
  - RIGHT = RIGHT-MOST VERTICAL POST WITHIN GUARDRAIL, STANDING ON THE ADJACENT LANDING.
  - TYPICAL = TYPICAL FOR ALL VERTICAL POSTS OTHER THAN THOSE SPECIFIED AS LEFT-MOST OR RIGHT-MOST.
  - WHERE "" INDICATING GUARDRAIL SECTION TO BE APPLIED AT BOTH SIDES OF STAIRS/LANDINGS APPLY OPPOSITE LEFT/RIGHT TO GUARDRAIL WITHOUT EXTENTS ARROW LIN
  - LENGTHS PROVIDED FOR PRICING PURPOSES ONLY, CONTRACTOR TO SITE VERIFY
  - ASSUME BOTH DEMOLITION AND NEW CONSTRUCTION SECTION APPLY UNLESS ONLY ONE SECTION NOTED.
  - REFER TO TYPICAL GUARDRAIL ELEVATION ON S310.

**TOE BOARD SCHEDULE**

MARK	SECTION	LENGTH (mm)	CONNECTED MATERIAL	COMMENTS	REFERENCE PHOTO
T101	2/S3100	3420.0	NEW GUARDRAIL POST: Ø = 42		PHOTO 1/S5001
T102	2/S3100	2070.0	NEW GUARDRAIL POST: Ø = 42		PHOTO 4/S5001
T103	1/S3100	2400.0	L127x76x6.4		PHOTO 2/S5001
T201	1/S3100	5470.0	C150x16		PHOTO 7 SIM/S5001
T202	1/S3100	3560.0	C150x16		PHOTO 7 SIM/S5001
T203	1/S3100	3700.0	C150x16		PHOTO 7 SIM/S5001
T204	1/S3100	6010.0	C150x16		PHOTO 7 SIM/S5001
T205	1/S3100	2380.0	C150x16		PHOTO 7/S5001
T206	1/S3100	4920.0	C150x16		PHOTO 7 SIM/S5001
T207	1/S3100	1500.0	C150x16		PHOTO 7 SIM/S5001
T208	2/S3100	5730.0	NEW GUARDRAIL POST: Ø = 42		PHOTO 8/S5001
T209	2/S3100	2130.0	NEW GUARDRAIL POST: Ø = 42		PHOTO 9/S5001
T210	2/S3100	1340.0	NEW GUARDRAIL POST: Ø = 42		PHOTO 9/S5001
T211	2/S3100	3380.0	EXISTING POST: Ø = 42		PHOTO 10/S5001
T301	1/S3100	1110.0	MC250x12.5		PHOTO 11 SIM/S5001
T302	4/S3100 SIM	130.0	NEW GUARDRAIL POST: Ø = 42		PHOTO 12/S5001
T303	1/S3100	270.0	MC250x12.5		PHOTO 13/S5002
T303	2/S3100	4820.0	L102x76x6.4		PHOTO 14 SIM/S5002
T304	1/S3100	2212.0	C100x7		PHOTO 15/S5002
T305	1/S3100	2150.0	C100x7		PHOTO 14 SIM/S5002
T306	1/S3100	2790.0	C100x7		PHOTO 14/S5002
T307	4/S3100	2440.0	NEW GUARDRAIL POST: Ø = 42	ANGLE PLATE TO SUIT PLATFORM SLOPE	PHOTO 14/S5002
T308	4/S3100	3000.0	NEW GUARDRAIL POST: Ø = 42	ANGLE PLATE TO SUIT PLATFORM SLOPE	PHOTO 14/S5002
T309	1/S3100	5680.0	C100x7		PHOTO 14 SIM/S5002
T310	LEFT: 4/S3100 RIGHT: 4/S3100 SIM	215.0	EXISTING POST: Ø = 60 L76x76x4.8		PHOTO 15/S5002
T311	1/S3100	4630.0	MC250x12.5		PHOTO 15 SIM/S5002
T312	1/S3100	4446.0	C100x7		PHOTO 15 SIM/S5002
T313	1/S3100	1272.0	MC250x12.5		PHOTO 15 SIM/S5002
T314	2/S3100	3570.0	L102x76x6.4		PHOTO 16/S5002
T315	2/S3100	5140.0	L76x76x4.8		PHOTO 17/S5002
T316	3/S3100	1840.0	C100x7		PHOTO 17/S5002

- NOTE:
- LEFT = LEFT-MOST TOE BOARD CONNECTION, STANDING ON THE ADJACENT LANDING.
  - RIGHT = RIGHT-MOST TOE BOARD CONNECTION, STANDING ON THE ADJACENT LANDING.
  - TYPICAL = TYPICAL ALONG TOE BOARD LENGTH
  - WHERE "" INDICATING TOEBOARD SECTION TO BE APPLIED AT BOTH SIDES OF STAIRS/LANDINGS APPLY OPPOSITE LEFT/RIGHT TO TOEBOARD WITHOUT EXTENTS ARROW LIN
  - LENGTHS PROVIDED FOR PRICING PURPOSES ONLY, CONTRACTOR TO SITE VERIFY
  - ASSUME BOTH DEMOLITION AND NEW CONSTRUCTION SECTION APPLY UNLESS ONLY ONE SECTION NOTED.

**LADDER SCHEDULE**

MARK	HEIGHT (mm)	NUMBER OF CONNECTIONS	CONNECTED MATERIAL	REFERENCE PHOTO(S)
L101	2550.0	8.0	TOP OF CHANNEL, TOP OF PLATFORM, TOP OF BOILER	PHOTO 6/S5001, PHOTO 26

NOTE:  
 REMOVE AND REPLACE ALL LADDERS IN SCHEDULE TO MEET CURRENT STANDARDS. REFER TO GENERAL NOTES.

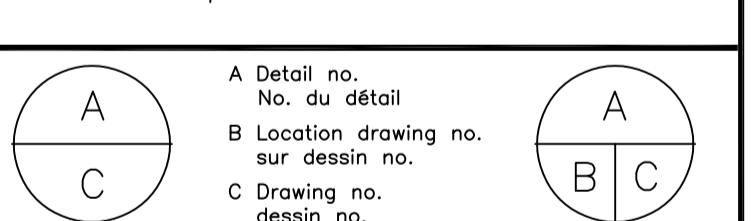
**REMOVABLE GUARDRAIL SCHEDULE**

MARK	SECTION	LENGTH(mm)	REFERENCE PHOTO
RG301	11/S3100	760.0	PHOTO 24/S5002
RG302	10/S3100	800.0	PHOTO 25/S5003

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

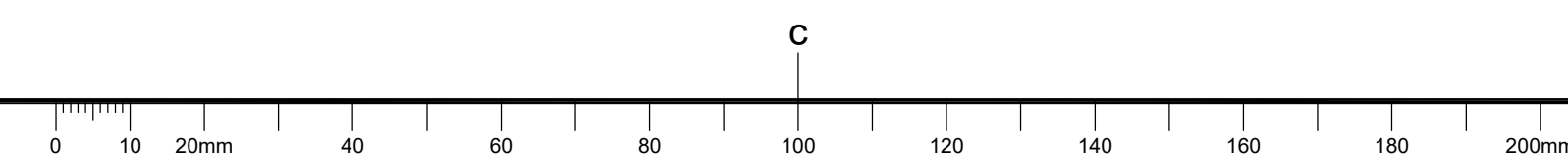
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project: NRC - BUILDING M5, M6 CATWALK REPAIRS  
 MONTREAL ROAD CAMPUS

drawing: SCHEDULES

designed	conçu	date	date
J-MC/JS		2022-09	
drawn	dessiné	scale	échelle
SJS		AS NOTED	
checked	vérifié	sheet	feuille
J-MC/JS		12 of/de 15	
approved	approuvé	W.O.no.	D.T.no.
J-MC/JS		5874	
dwg.no.	dessin no.	5874 - S4000	
ACAD file:	fichier CDAO:		



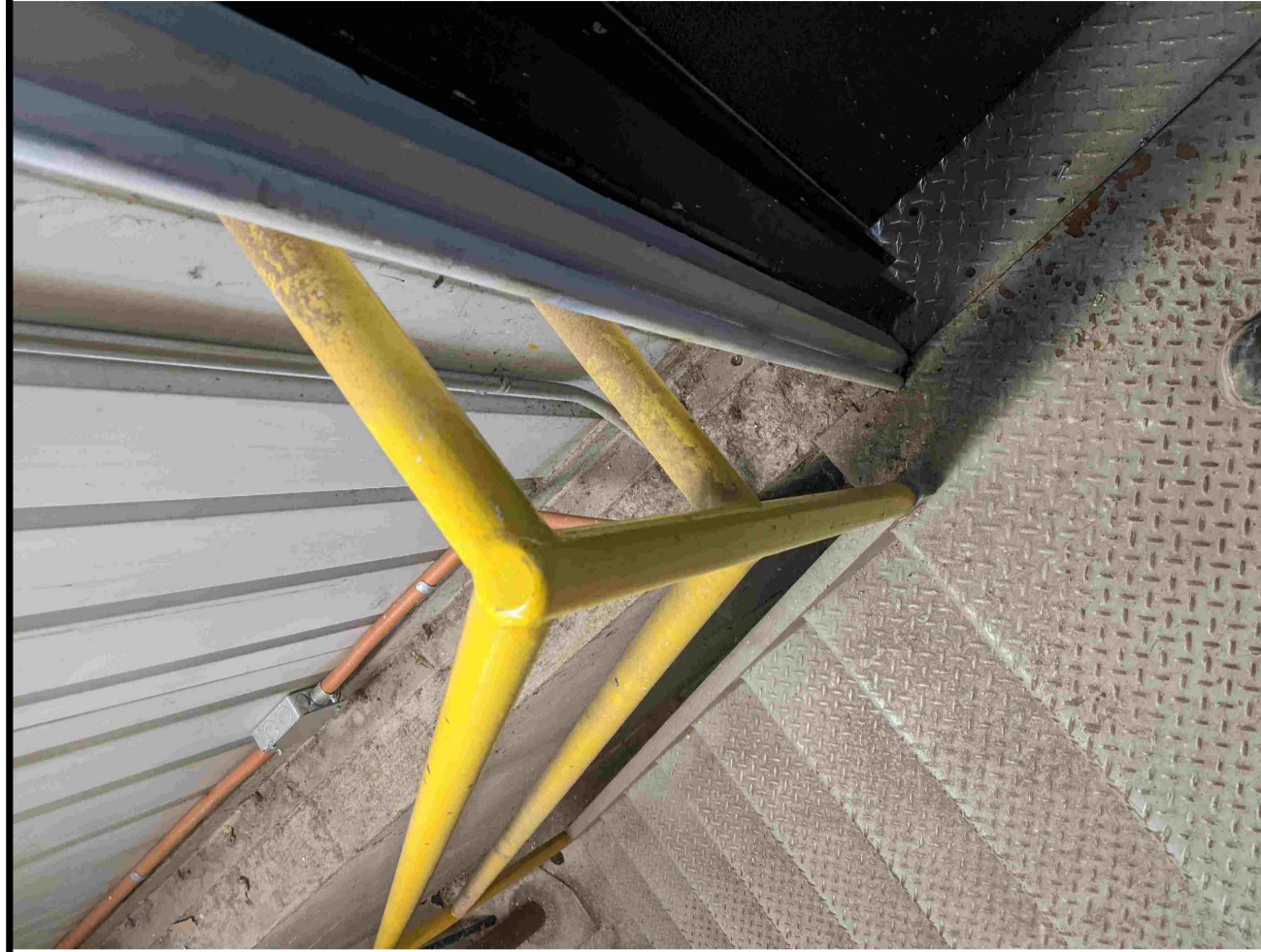


PHOTO #12

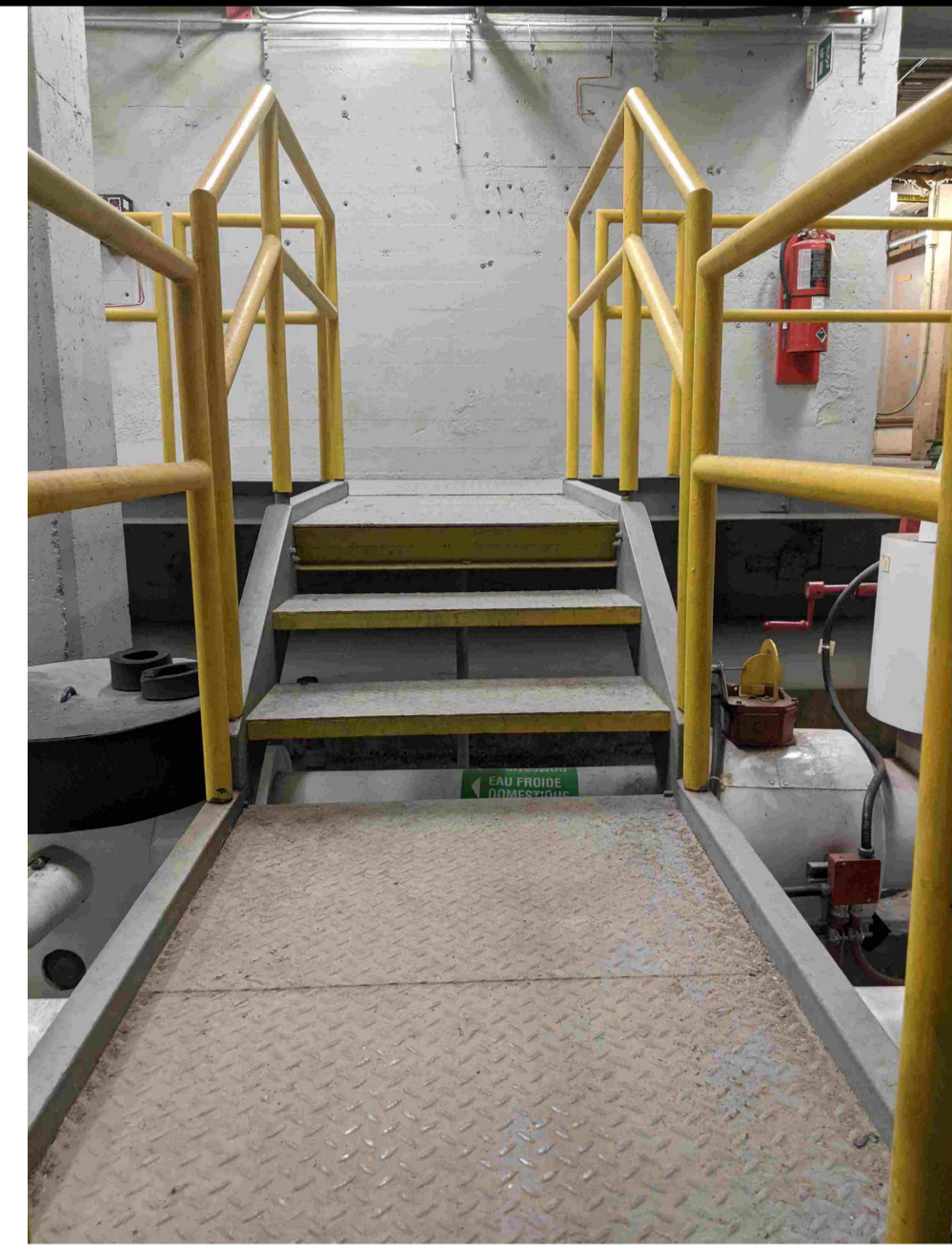


PHOTO #11



PHOTO #10



PHOTO #9



PHOTO #8



PHOTO #7

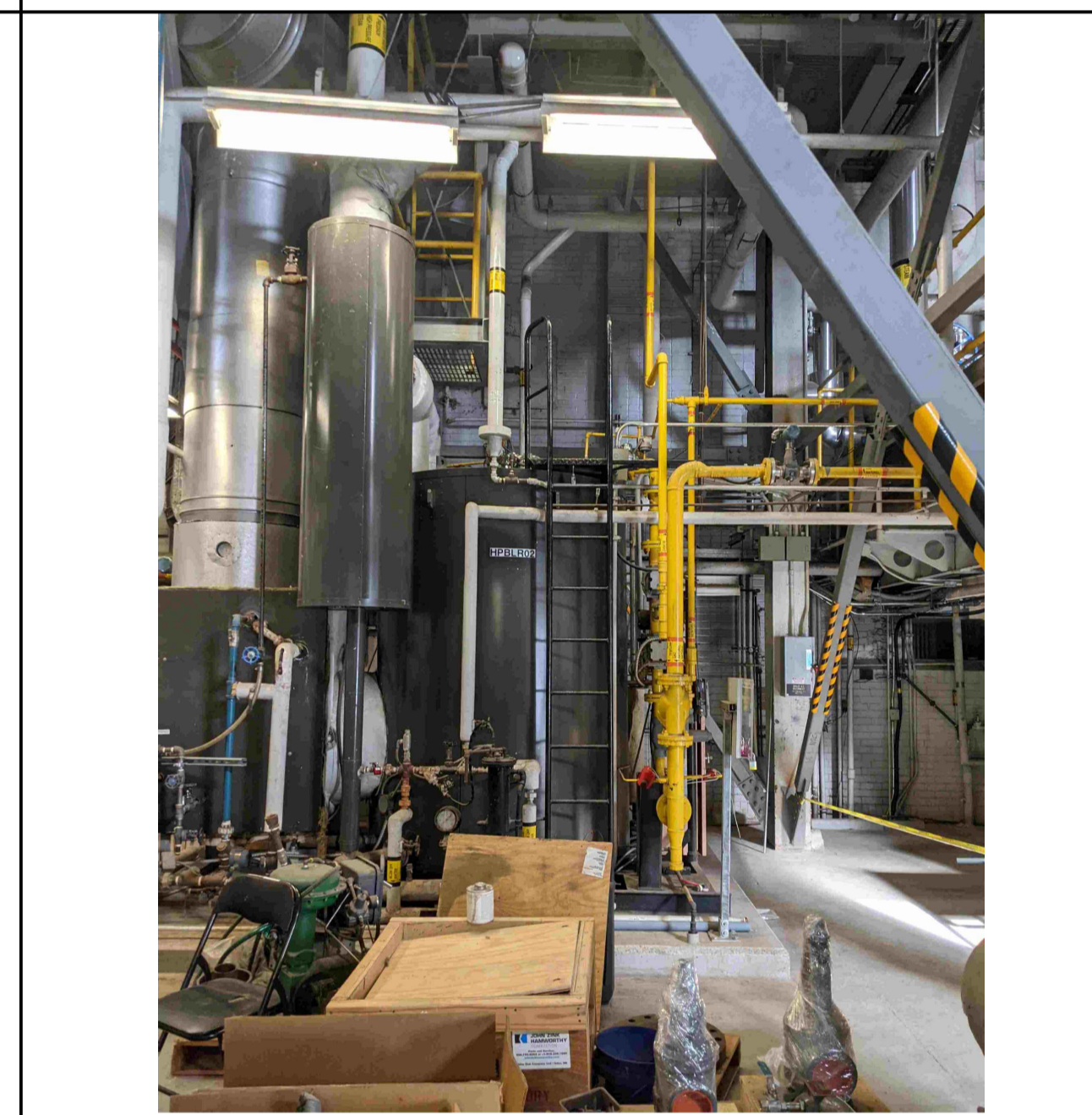


PHOTO #6



PHOTO #5



PHOTO #4

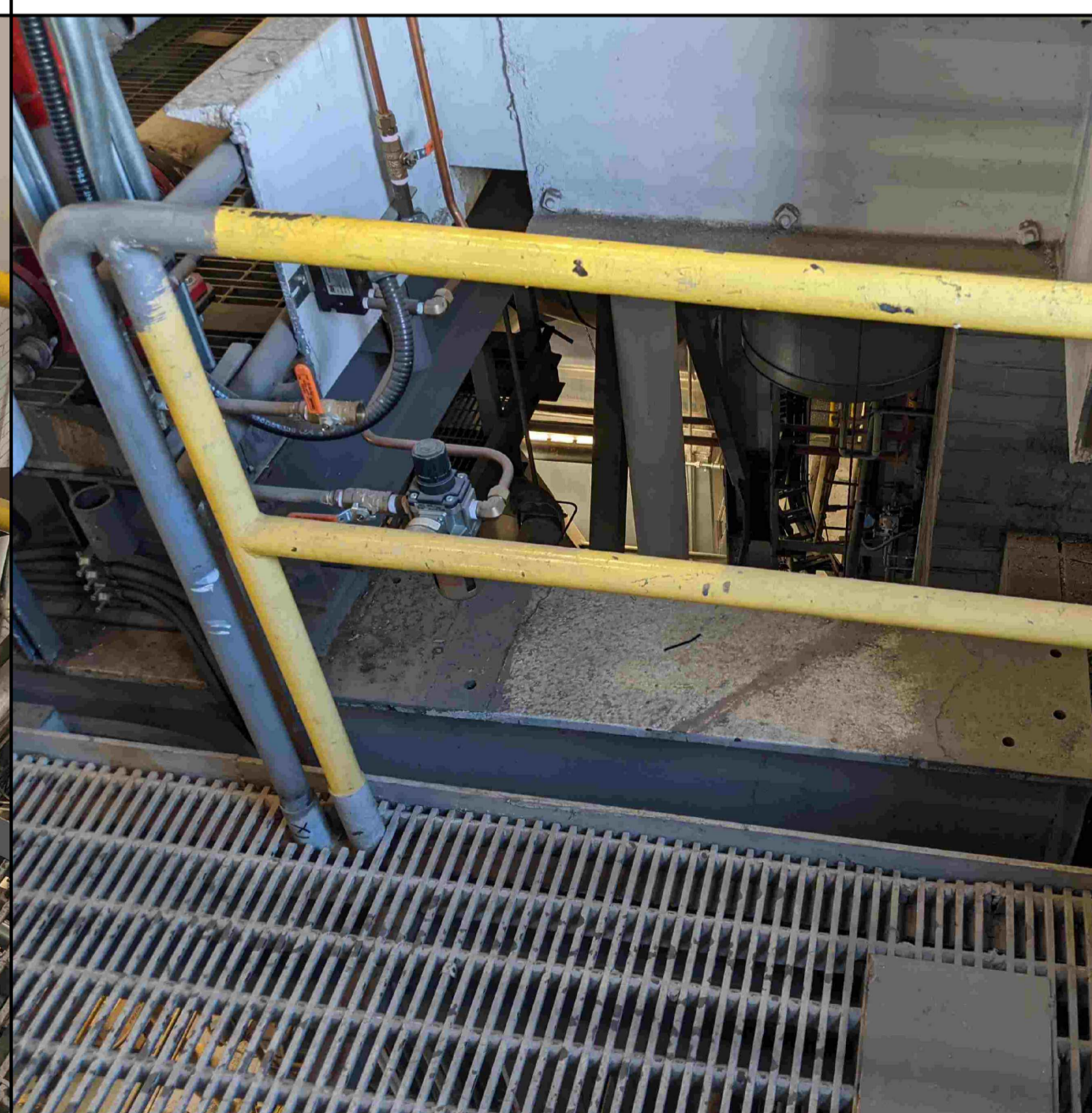


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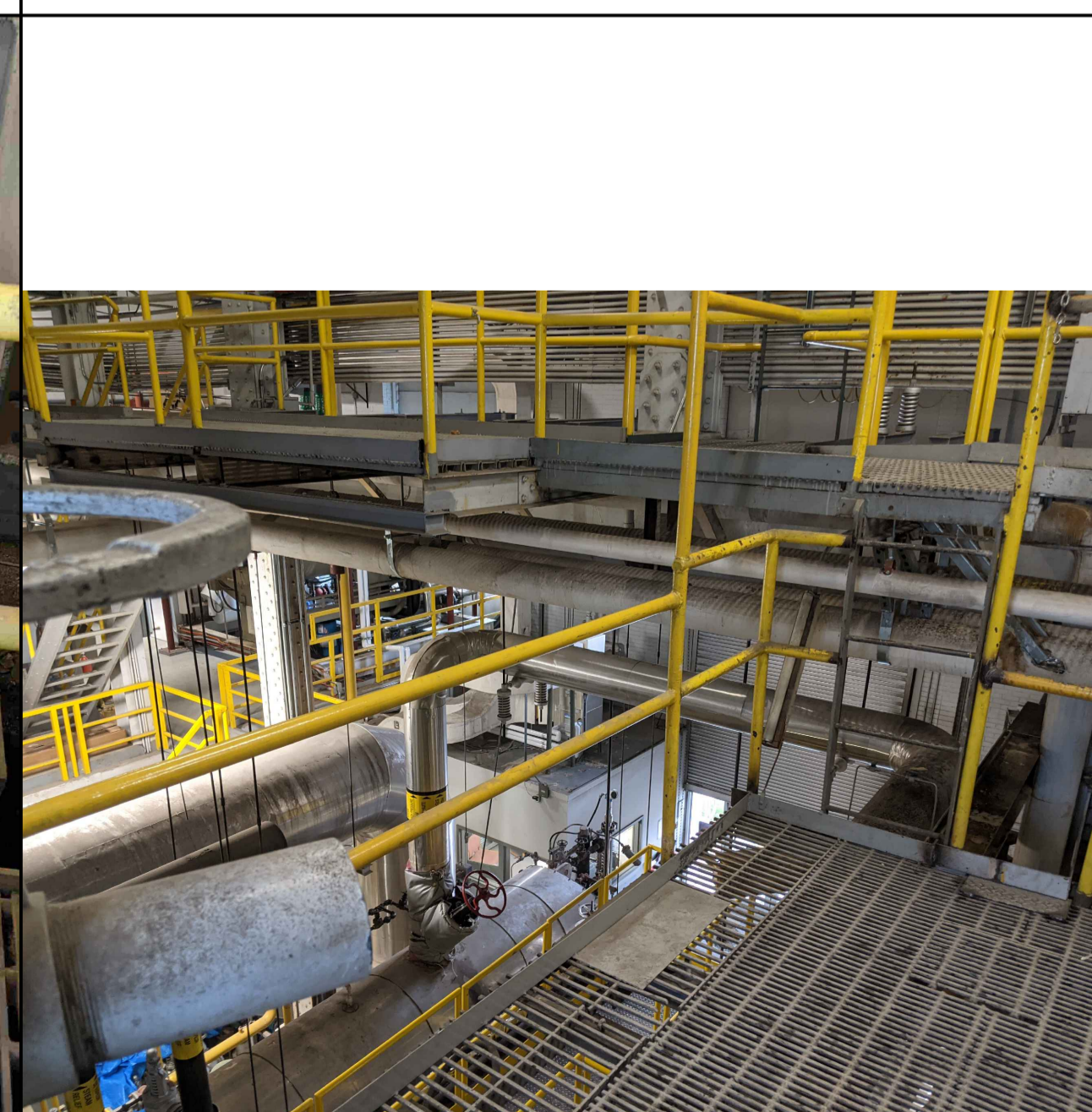


PHOTO #2

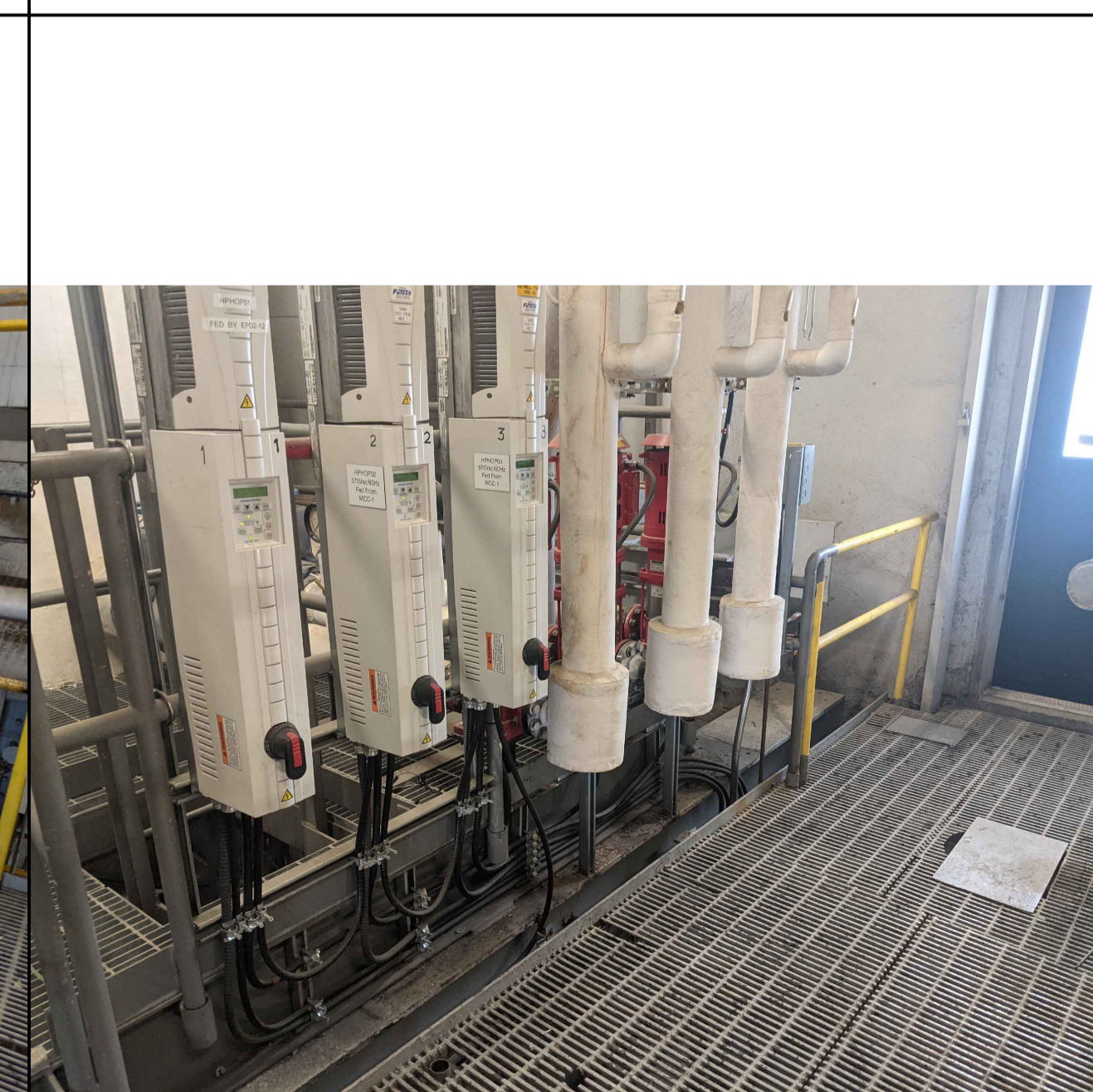
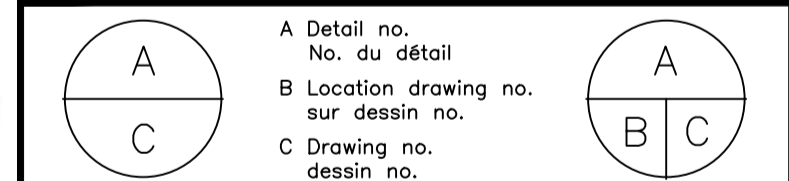


PHOTO #1

No.	Date	Revision	By: / Par:
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0	2022-09-22	ISSUED FOR REVIEW	SJS

Date Printed / Date imprimée

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project / projet  
 NRC - BUILDING M5, M6  
 CATWALK REPAIRS  
 MONTREAL ROAD CAMPUS

drawing / dessin  
 PHOTOS #1-12

designed / conçu	date	drawn / dessiné	scale / échelle
J-MC/JS	2022-09	SJS	AS NOTED
checked / vérifié	sheet / feuille	approved / approuvé	W.O.no. / D.T.no.
J-MC/JS	13 of/ de 15	J-MC/JS	5874

dwg.no. / dessin no.  
**5874 - S5001**  
 ACAD file: / fichier CDAO:

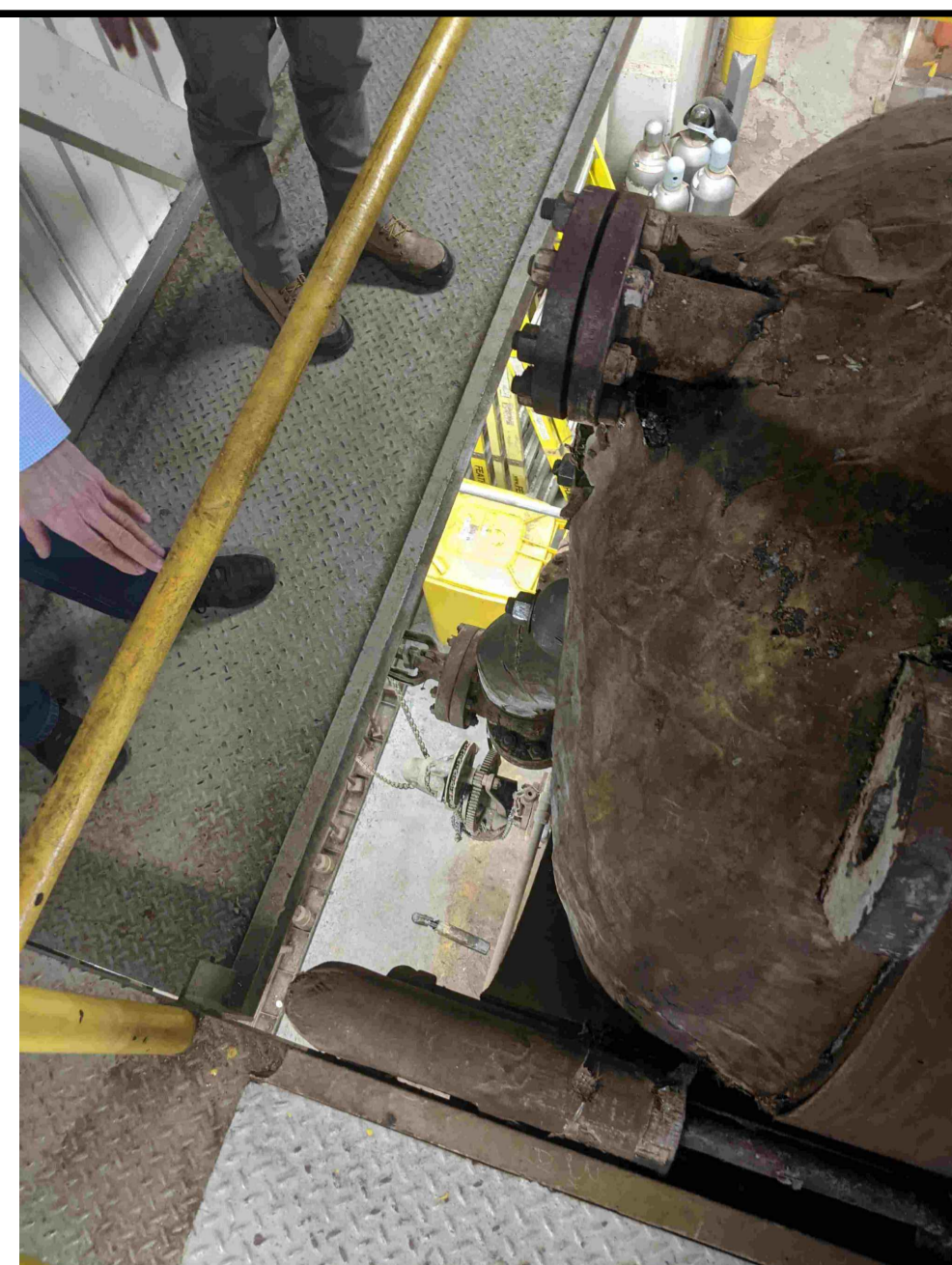


PHOTO #24

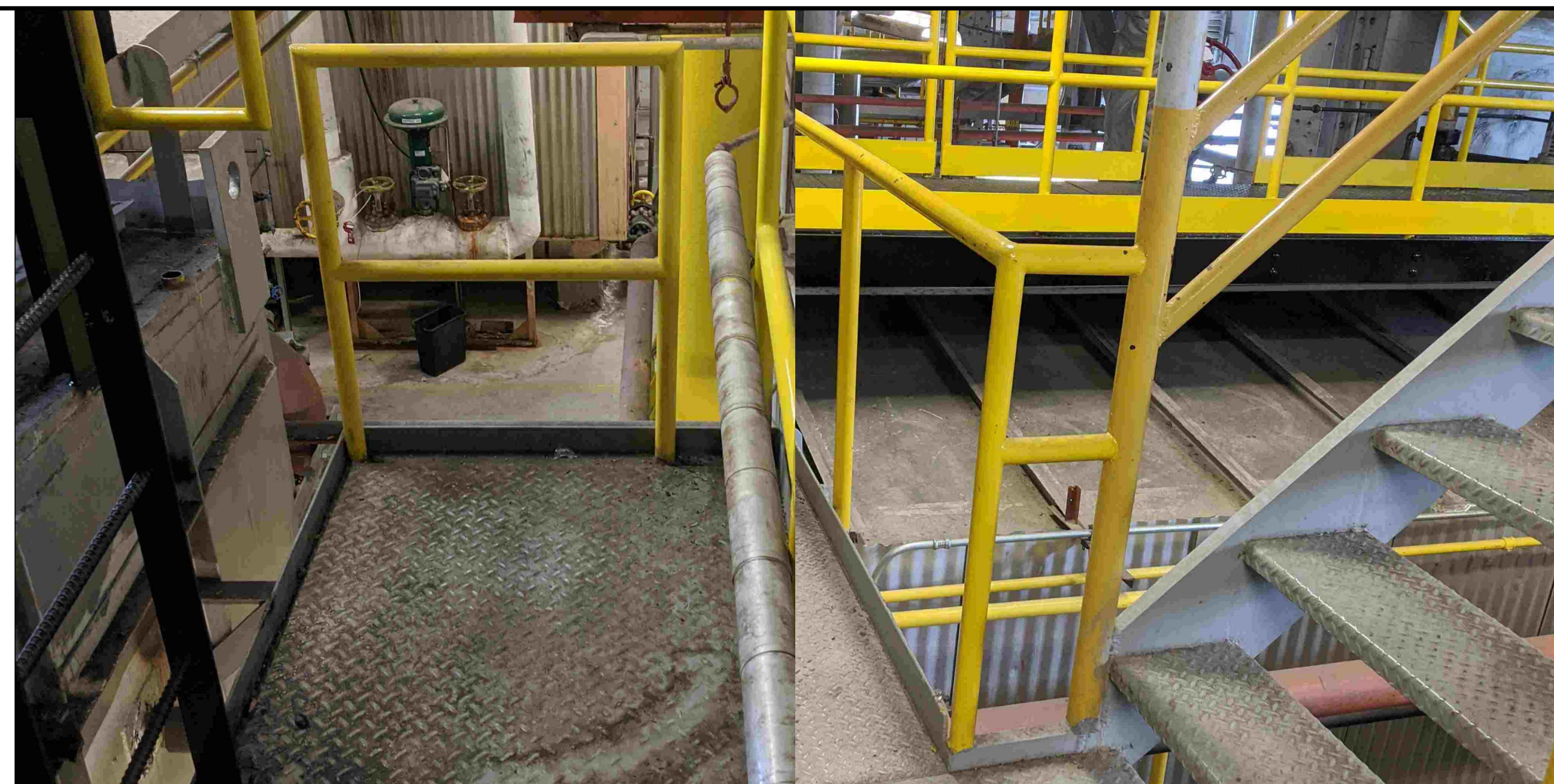


PHOTO #23

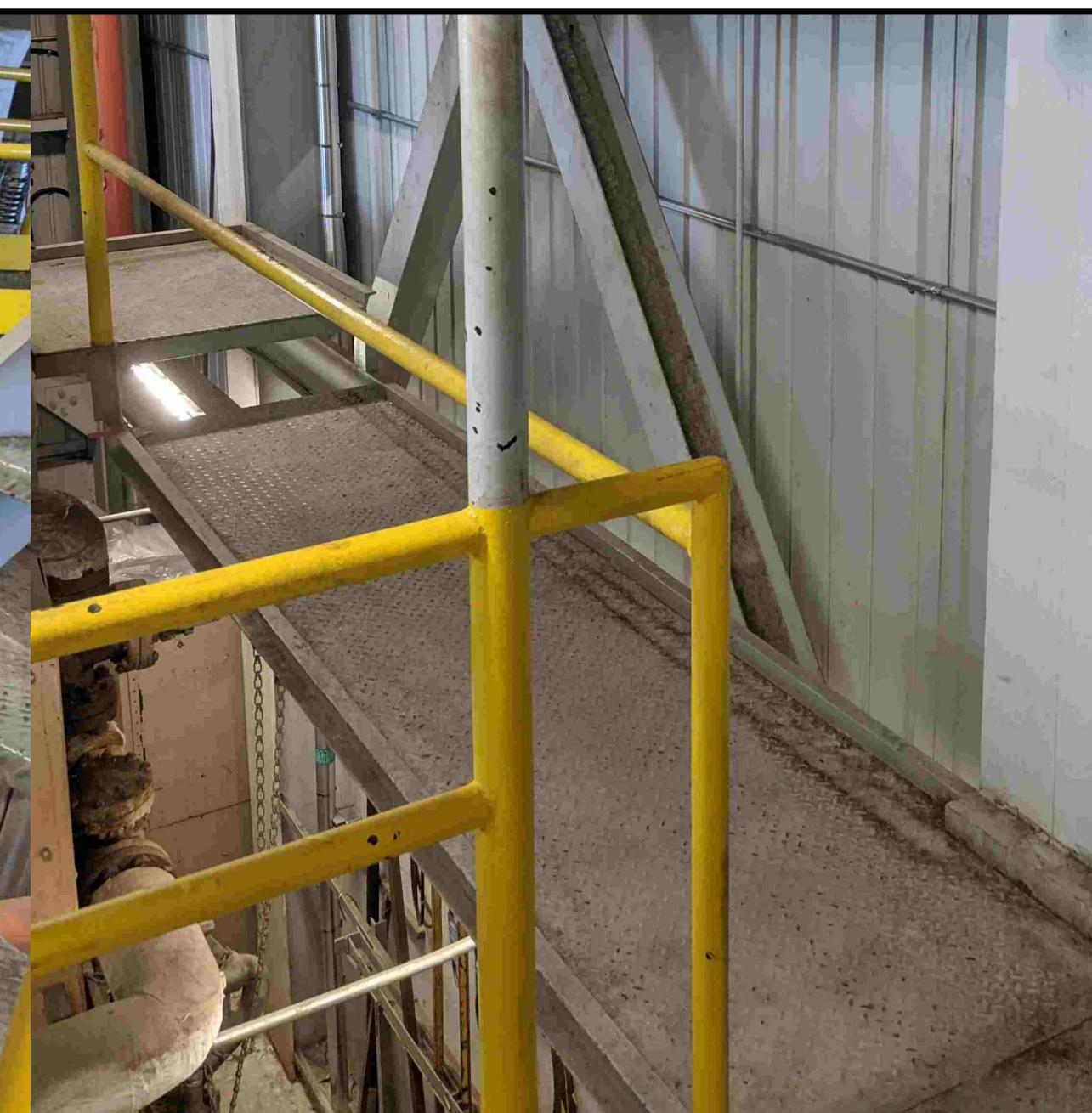


PHOTO #22

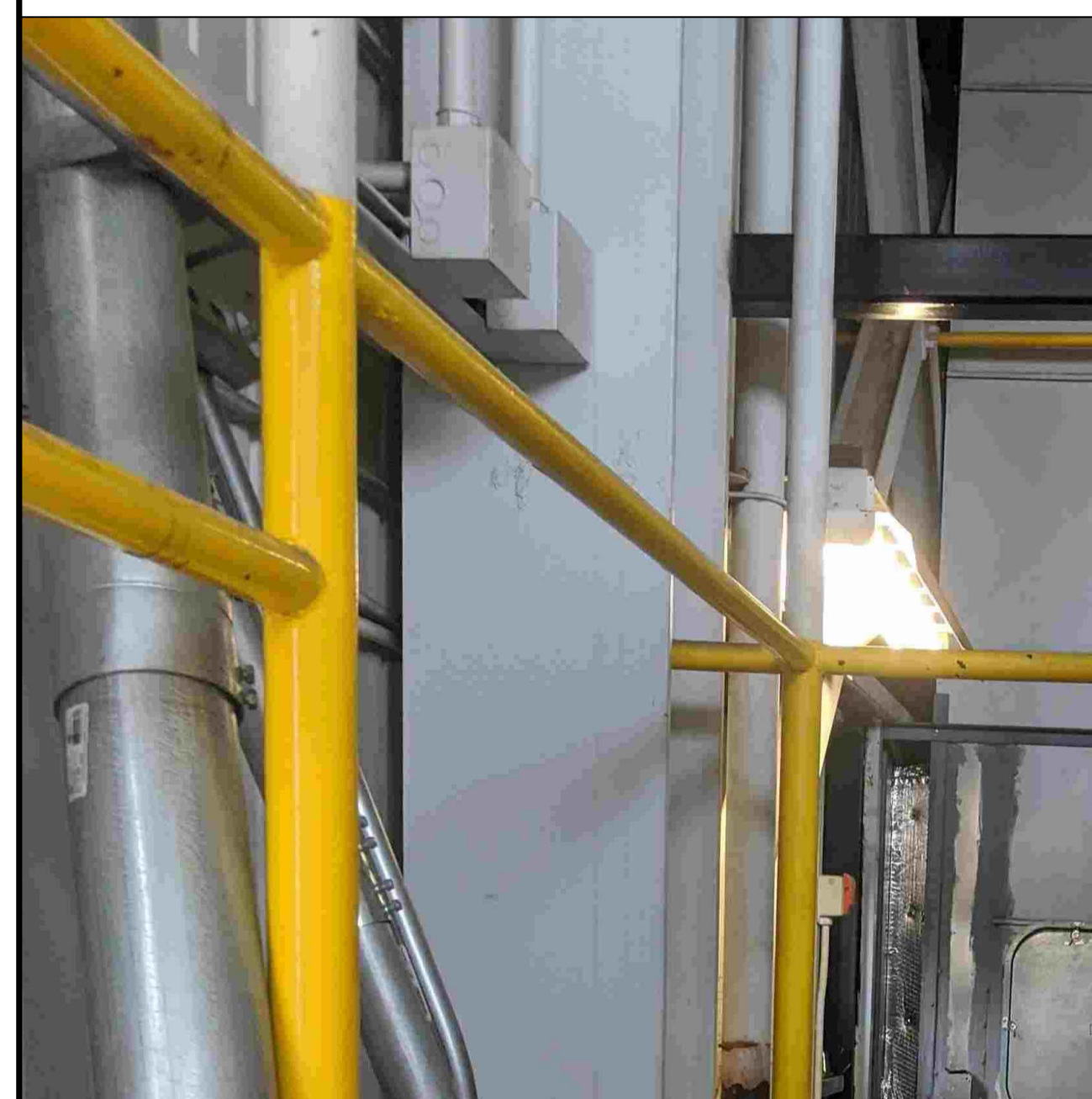


PHOTO #20

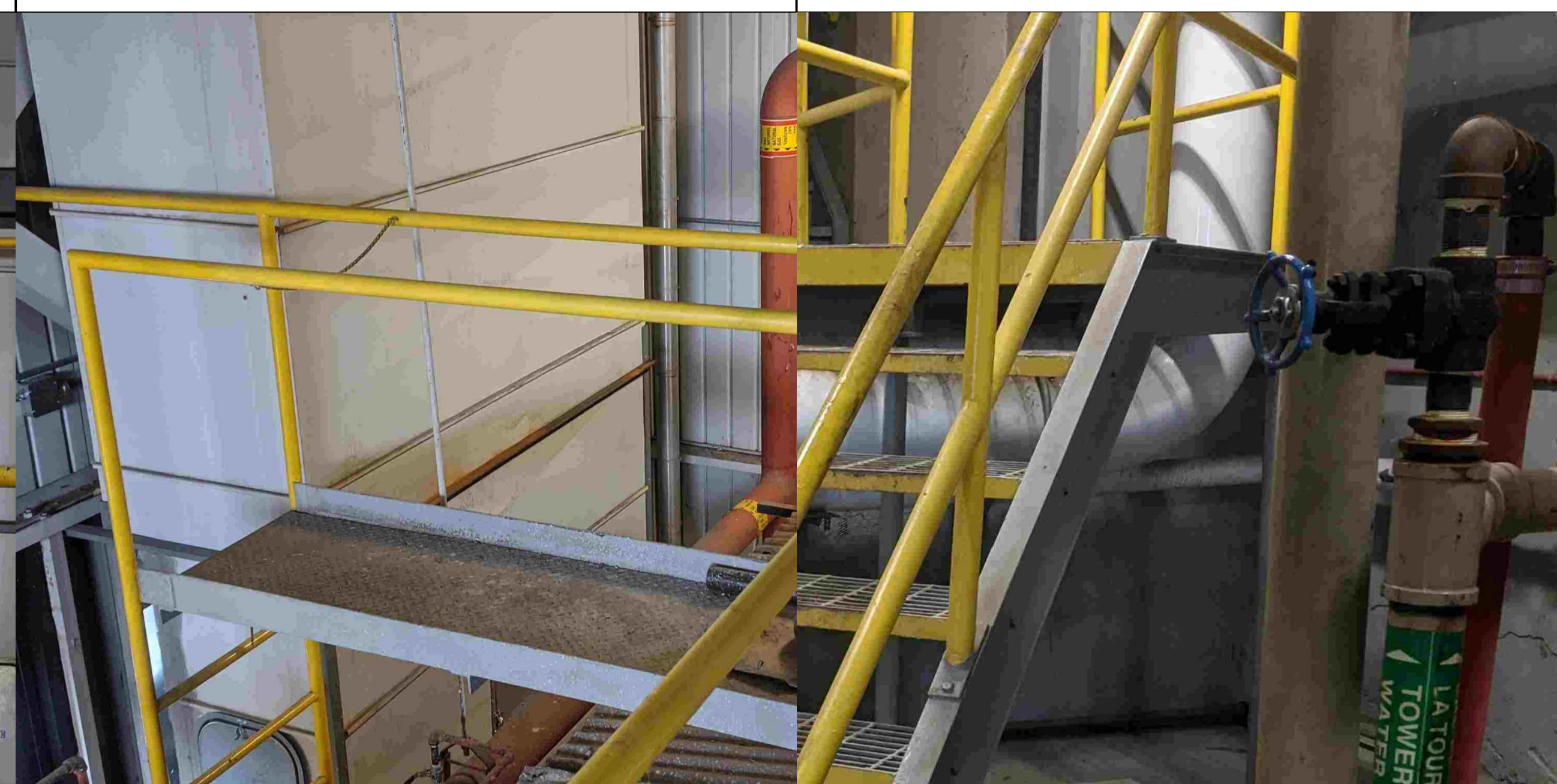


PHOTO #19

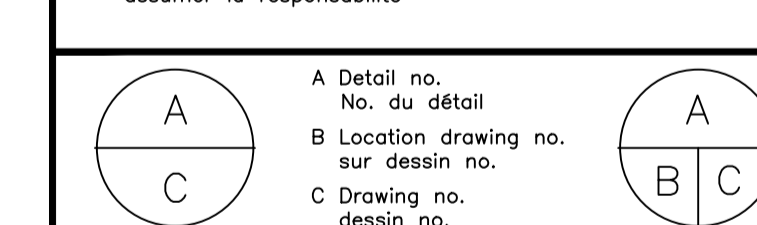


PHOTO #18

No.	Date	Revision	By: Parr.
1	2022-10-27	ISSUED FOR TENDER	SJS
0	2022-09-22	ISSUED FOR REVIEW	SJS

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

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project: NRC - BUILDING M5, M6  
 CATWALK REPAIRS

MONTREAL ROAD CAMPUS  
 drawing: PHOTOS #13-24

designed: J-MC/JS  
 drawn: SJS  
 checked: J-MC/JS  
 approved: J-MC/JS

date: 2022-09  
 scale: AS NOTED  
 sheet: 14 of/ de 15

W.O.no.: 5874  
 D.T.no.: \_\_\_\_\_

dwg.no.: 5874 - S5002  
 ACAD file: \_\_\_\_\_

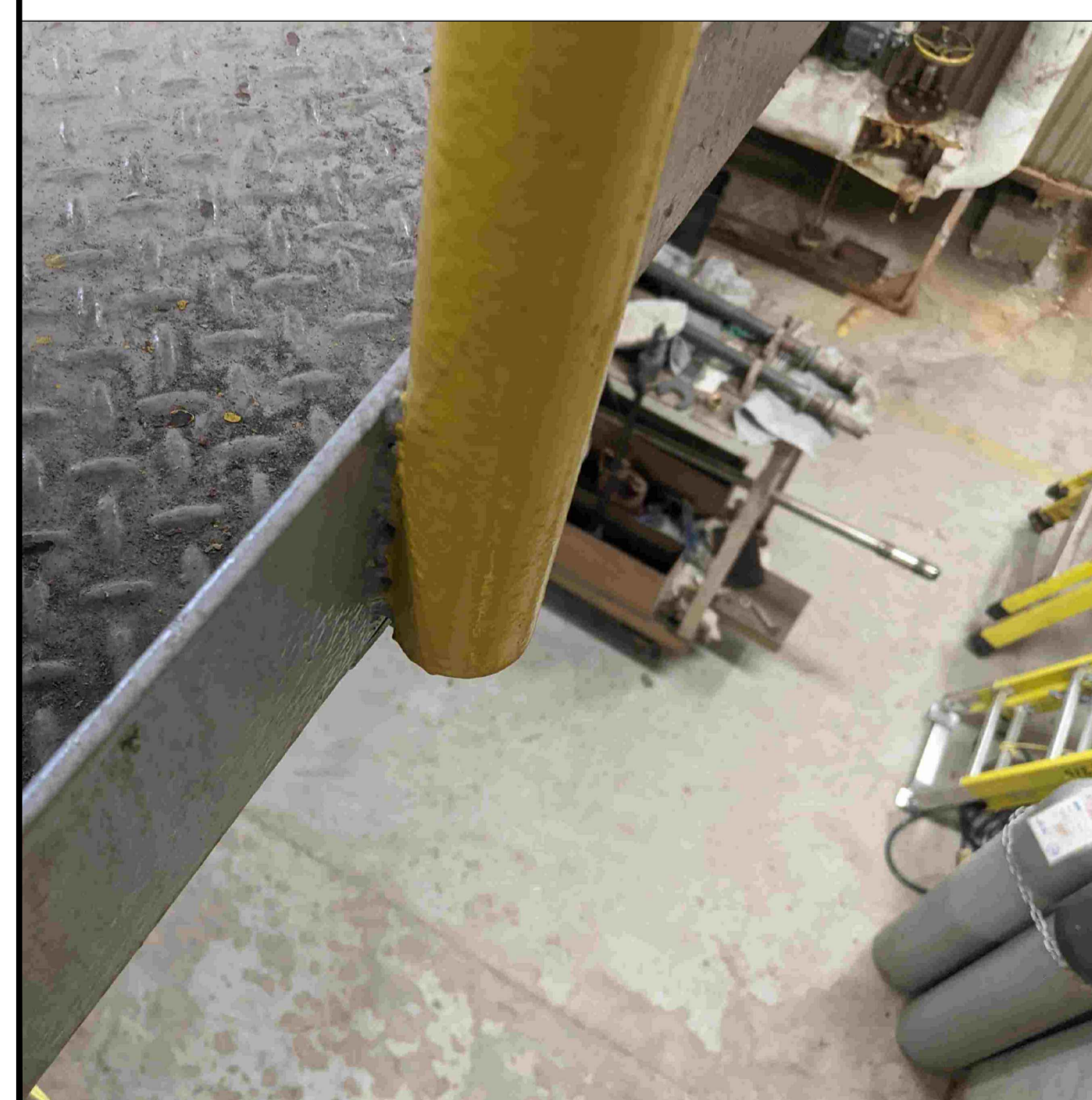


PHOTO #16

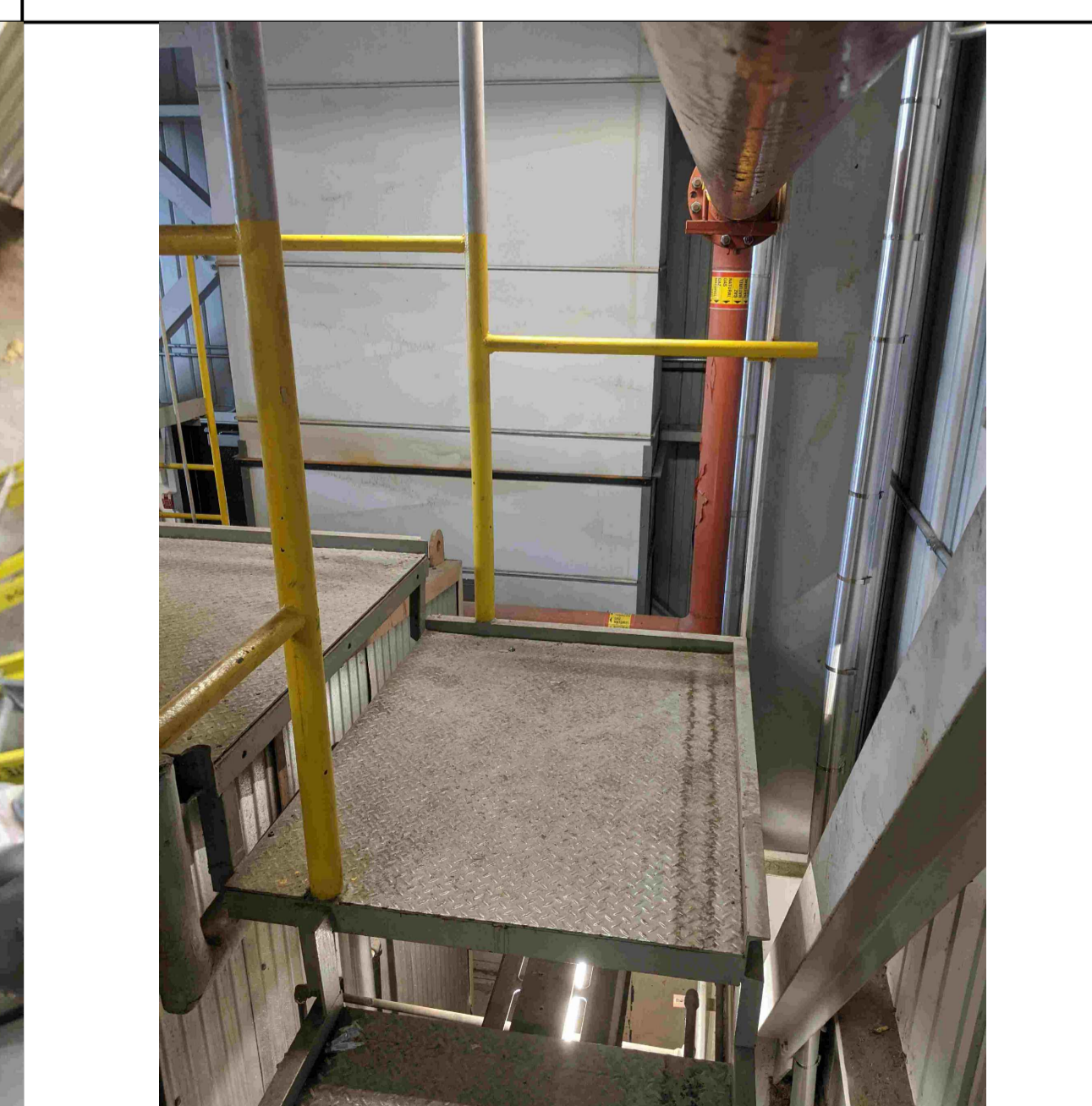


PHOTO #15

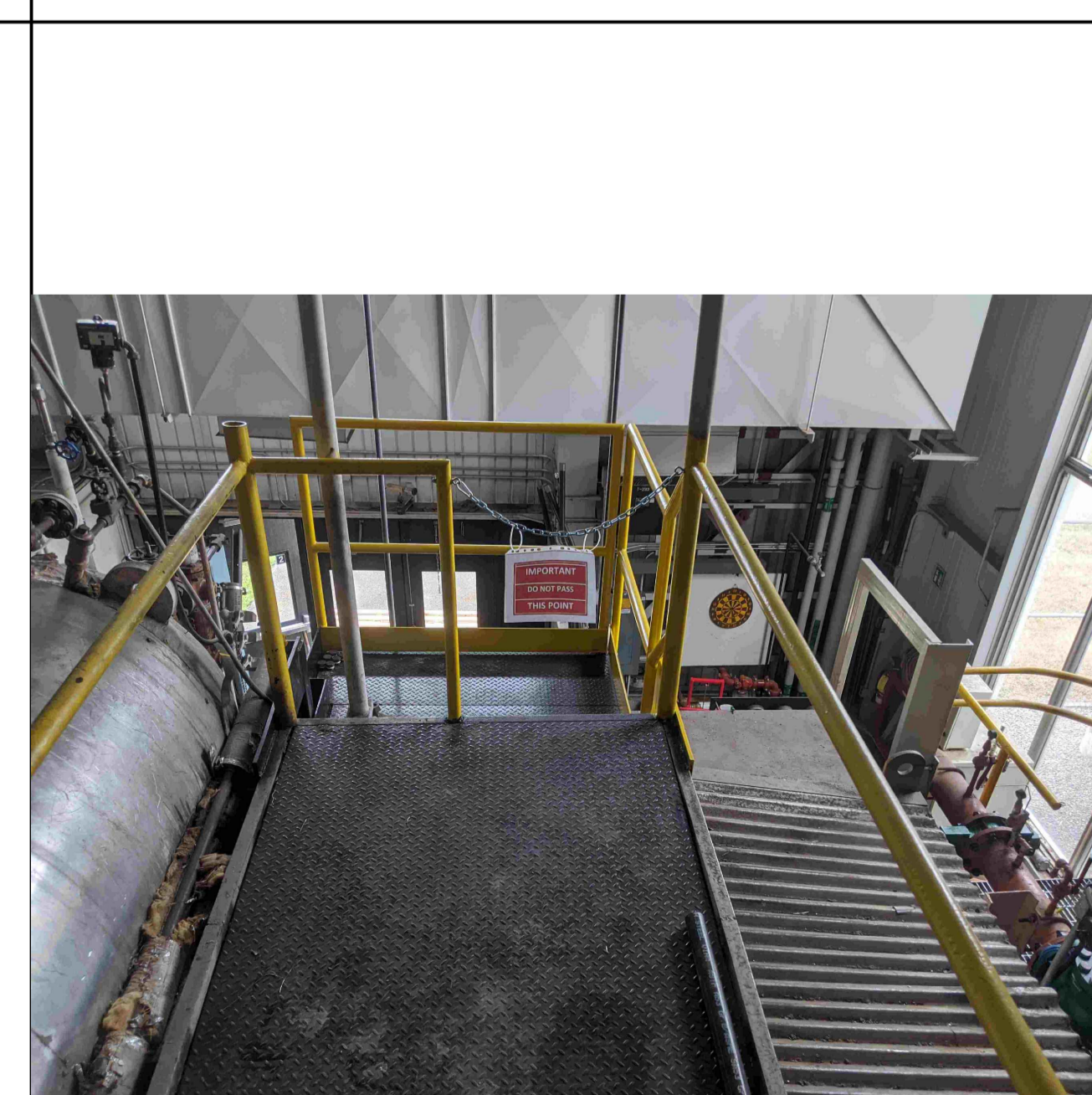


PHOTO #14

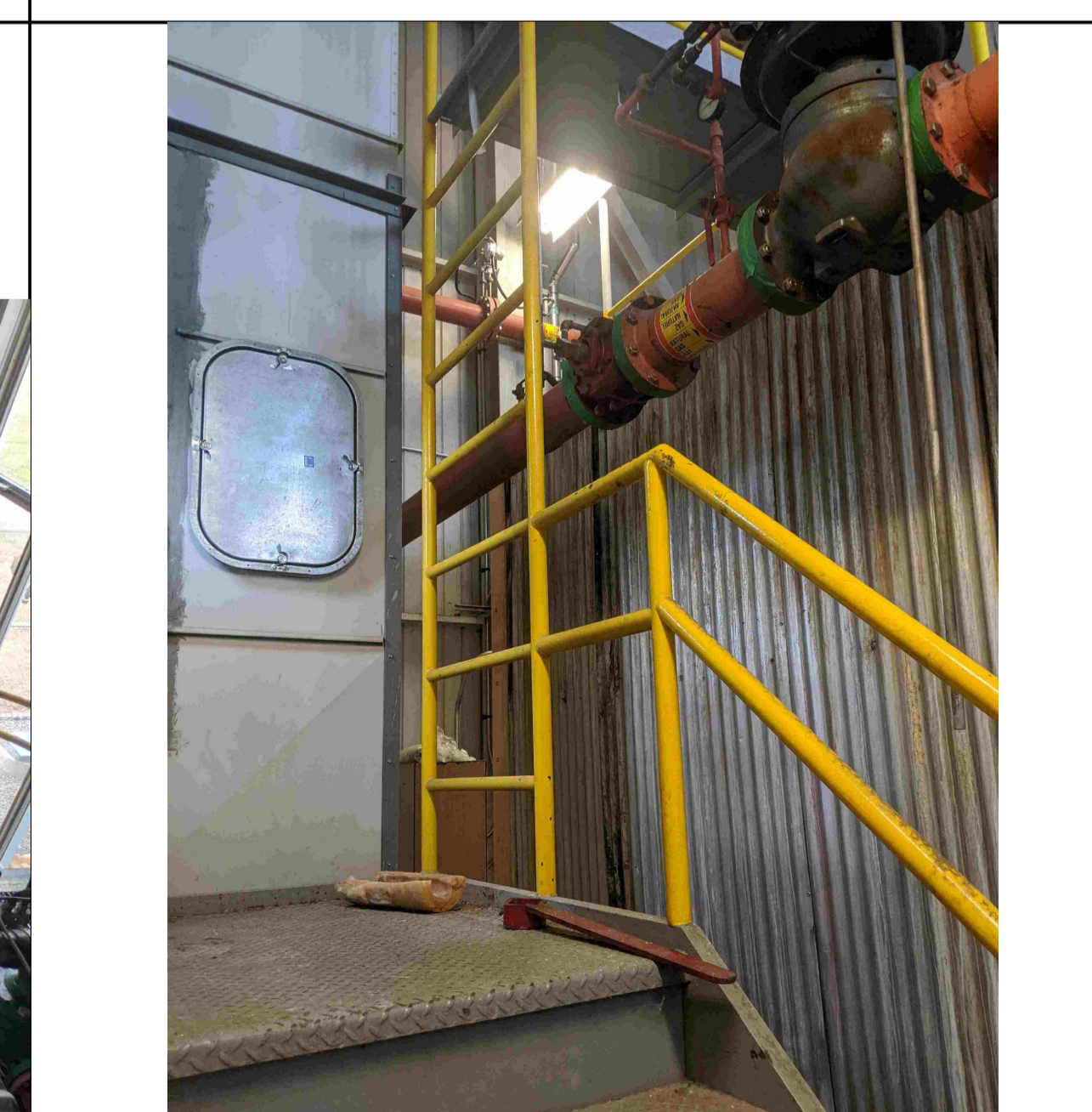


PHOTO #13



Adjeleian Allen Rubeli  
Consulting Engineers



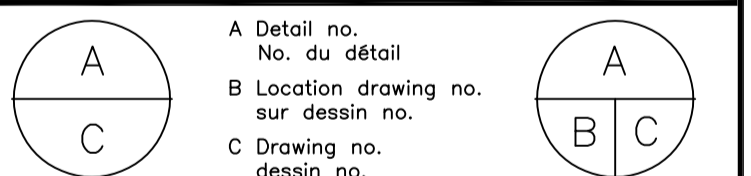
75 Albert Street, Ottawa, Ontario  
4211 Yonge Street, Toronto, Ontario

AAR PROJECT 5564-45

No.	Date	Revision	By:
1	2022-10-27	ISSUED FOR TENDER	SJS
0	2022-09-22	ISSUED FOR REVIEW	SJS

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

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



project: NRC - BUILDING M5, M6  
CATWALK REPAIRS

MONTREAL ROAD CAMPUS

drawing: PHOTO #25

designed: J-MC/JS conçu: \_\_\_\_\_ date: 2022-09

drawn: SJS dessiné: \_\_\_\_\_ scale: AS NOTED échelle: \_\_\_\_\_

checked: J-MC/JS vérifié: \_\_\_\_\_ sheet: 15 of/de 15 feuille: \_\_\_\_\_

approved: J-MC/JS approuvé: \_\_\_\_\_ W.O.no.: 5874 D.T.no.: \_\_\_\_\_

dwg.no.: 5874 - S5003 dessin no.: \_\_\_\_\_

ACAD file: \_\_\_\_\_ fichier CDAO: \_\_\_\_\_



PHOTO #26



PHOTO #25

C