

**Fisheries and Oceans
Canada**

**Small Craft Harbours
Maritimes / Gulf Region**

**Pêches et Océans
Canada**

**Ports pour Petits Bateaux
Région des Maritimes / Golfe**

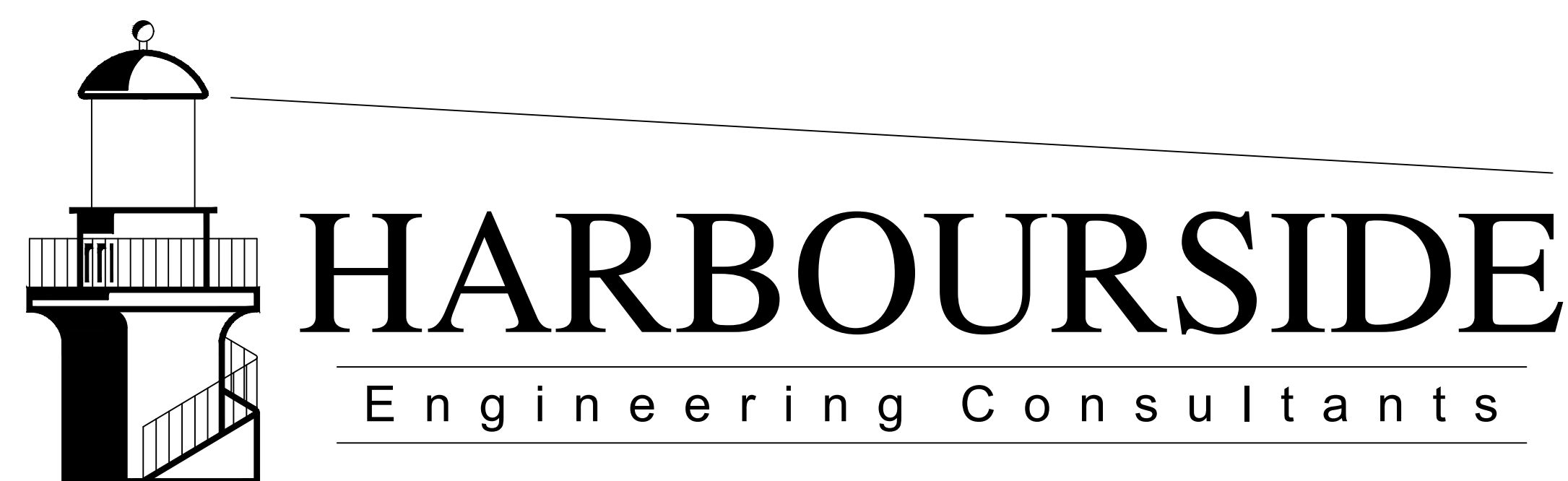
WHARF REHABILITATION SKINNERS POND PRINCE COUNTY, PE

PROJECT NO.

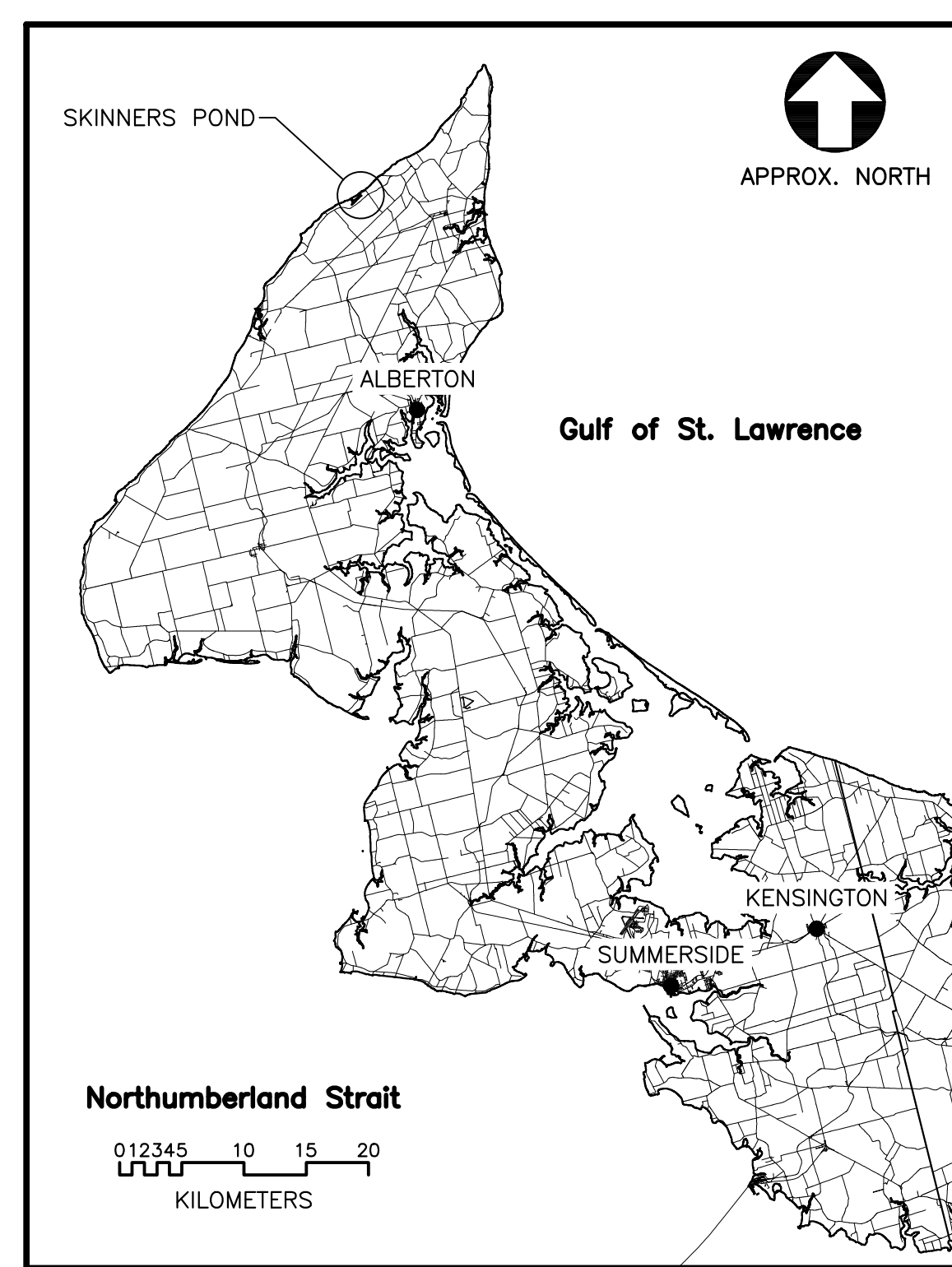
DRAWING LIST

MARINE:

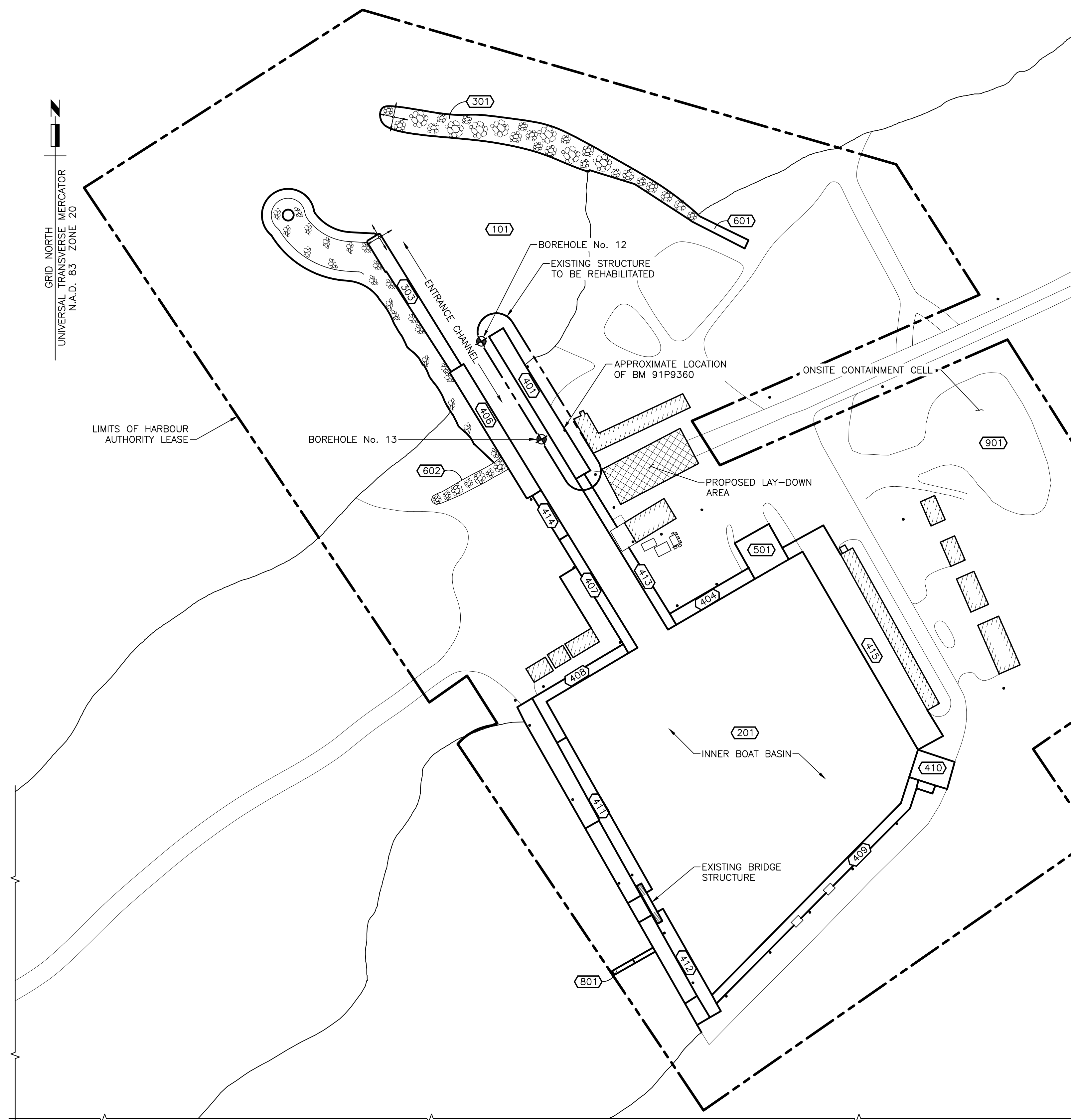
M1	of	13	Key Plan and Site Plan
M2	of	13	Existing Plan View and Wall Elevations
M3	of	13	Existing Elevation, Section and Details
M4	of	13	Existing Partial West Wall Elevation Defect Mapping
M5	of	13	Existing Partial West Wall Elevation Defect Mapping
M6	of	13	Existing North Wall Elevation Defect Mapping and Local SSP Repair Detail
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M8	of	13	New Elevation and Section of New Copewall
M9	of	13	Sections Through New Copewall
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M11	of	13	New Sections and Details #2
M12	of	13	New Deck Reinforcing Plan, Section and Details
M13	of	13	South West Wall Termination Sections and Details



Canada

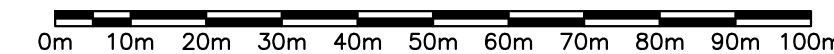


KEY PLAN

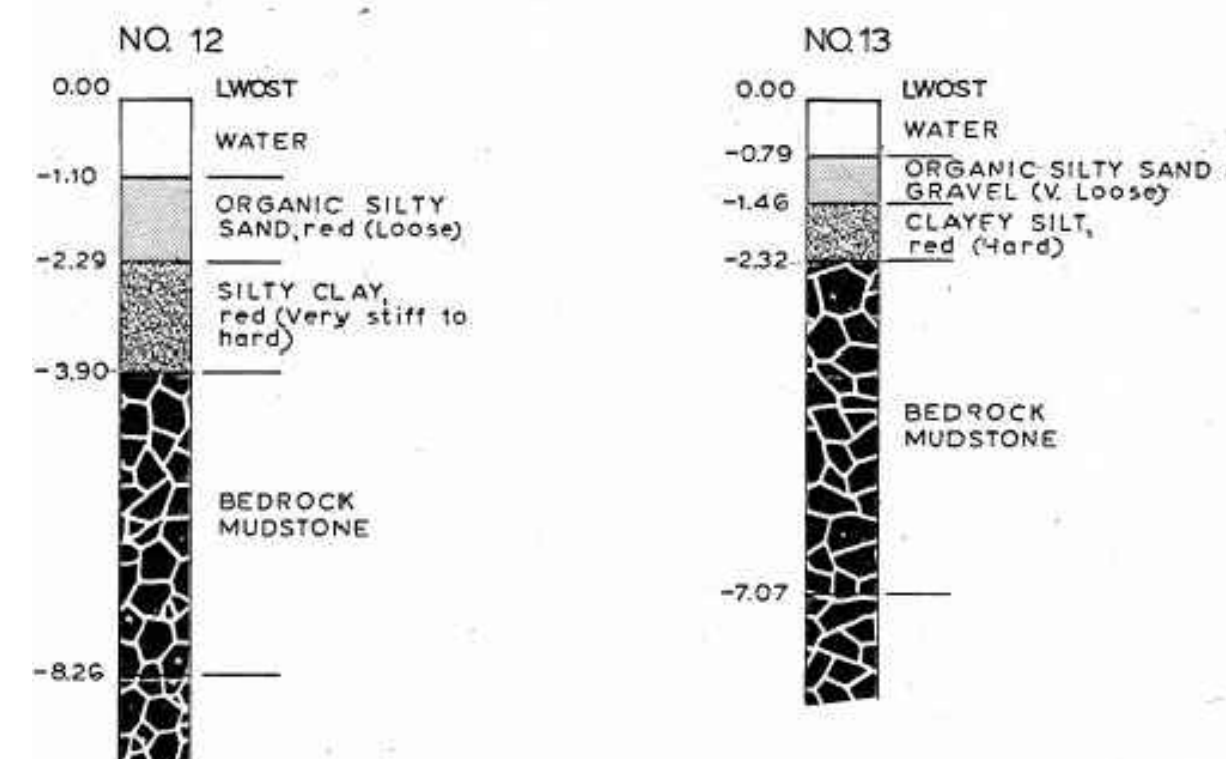


SITE PLAN

SCALE : 1:1000



BORE HOLES



1979 BOREHOLES

NOTE: LWOST DATUM FOR BOREHOLE ELEVATIONS MAY NOT MATCH EXISTING DATUM FOR LNT.

SUMMARY OF PROPOSED WORK:

1. COMPLETE DREDGING/EXCAVATION REQUIRED TO COMPLETE THE PROJECT.
 - UNDERWATER EXCAVATION MATERIAL ALONG WEST FACE TO BE PLACED IN AN ONSITE CONTAINMENT CELL.
 - MATERIAL ON NORTH AND EAST FACES TO BE LOCALLY REMOVED AND RE-INSTATED AS REQUIRED TO CONSTRUCT THE COPEWALL.
2. INSPECT EXISTING TIE RODS AND WALERS.
3. COMPLETE STEEL REPAIRS TO EXISTING STEEL SHEET PILE WALL.
4. INSTALL NEW TIE RODS.
5. BACKFILL INSIDE EXISTING STRUCTURE.
6. INSTALL NEW CONCRETE COPEWALL.
7. INSTALL NEW CONCRETE DECK.
8. COMPLETE SITE GRADING.
9. INSTALL NEW CURB, LADDERS AND MOORING HOLDFASTS.

GENERAL NOTES:

1. DO NOT SCALE FROM THE DRAWINGS.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
3. IT IS RECOMMENDED THAT THE CONTRACTOR VISIT THE SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO COMMENCING THE WORK. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM THE DEPARTMENTAL REPRESENTATIVE IN WRITING OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE PLAN BEFORE STARTING THE WORK.
4. CONTRACTOR TO COORDINATE ALL WORK WITH THE DEPARTMENTAL REPRESENTATIVE AND THE LOCAL HARBOUR AUTHORITY. NO WORK SHALL BE COMPLETED IN SUCH A MANNER AS TO INTERFERE WITH HARBOUR OPERATIONS IN ANY WAY.
5. SPECIFIED DESIGN LIVE LOAD EQUAL TO A UNIFORM LOAD OF 15 kPa IN THE FINAL REHABILITATED CONDITION.
6. THE STRUCTURAL CAPACITY OF EXISTING STRUCTURES IS UNKNOWN. ANY DAMAGE TO EXISTING STRUCTURES (CAUSED BY THE CONTRACTOR) THAT WAS NOT SPECIFIED IN THIS CONTRACT SHALL BE REPAIRED TO AS GOOD OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE.
7. ELEVATIONS BASED ON SURVEY COMPLETED BY ISE LTD. AUGUST 29, 2009. SURVEY REFERENCED TO CHS TABLET STAMPED 91P9360 SET NEAR THE NORTH EDGE OF THE WHARF DECK, ON THE NORTH SIDE OF THE ENTRANCE CHANNEL THE BENCHMARK IS 0.22m EAST OF THE SECOND HYDRO POLE, FROM THE OUTER END OF THE WHARF.

EXISTING CONDITIONS NOTES:

1. THE EXISTING CONDITIONS OF THE STEEL SHEET PILE WALL ALONG THE EAST FACE HAVE NOT BEEN ASSESSED AND SHALL BE REPAIRED DURING CONSTRUCTION AS DIRECTED BY A DEPARTMENT REPRESENTATIVE.
2. THE CONTRACTOR MUST TEMPORARILY SUPPORT AND RE-PLUMB EXISTING UTILITY POLES.
3. THE NORTH STEEL SHEET PILE WALL IS NOT PERFECTLY STRAIGHT. THE NEW COPEWALL SHALL CREATE A STRAIGHT FACE A MINIMUM OF 152mm THICK FROM ALL STEEL SHEET PILE OUTPANS.

LEGEND

- 403 STRUCTURE IDENTIFICATION NUMBER
- U.P. UTILITY POLE
- L.P. LIGHT POLE
- EXISTING BUILDING
- 1979 BOREHOLE
- NAVIGATION LIGHT



0	ISSUED FOR CONSTRUCTION	JUL 21 2020
revisions		date

project

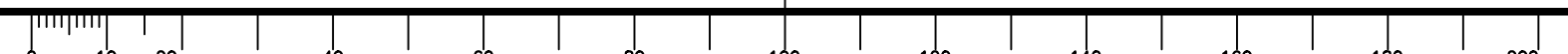
STRUCTURE #401
REHABILITATION
SKINNERS POND
PRINCE EDWARD COUNTY, PE

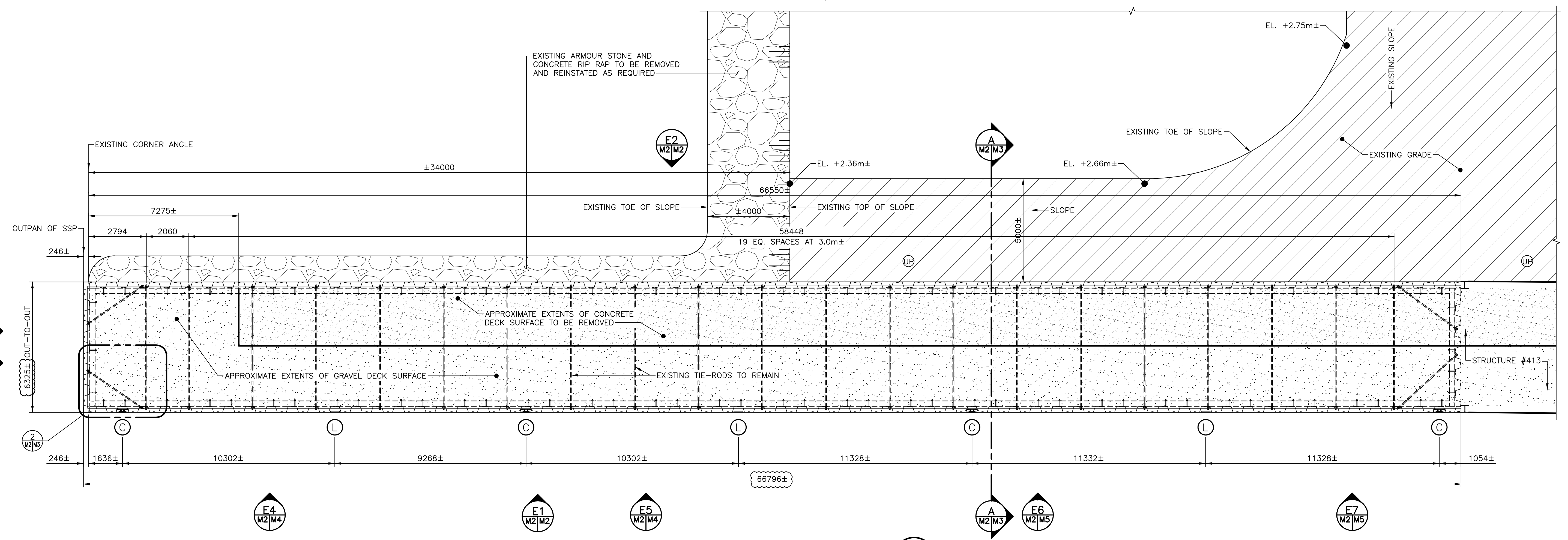
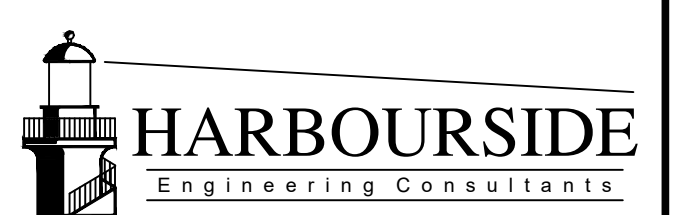
drawing design

KEY PLAN AND
SITE PLAN

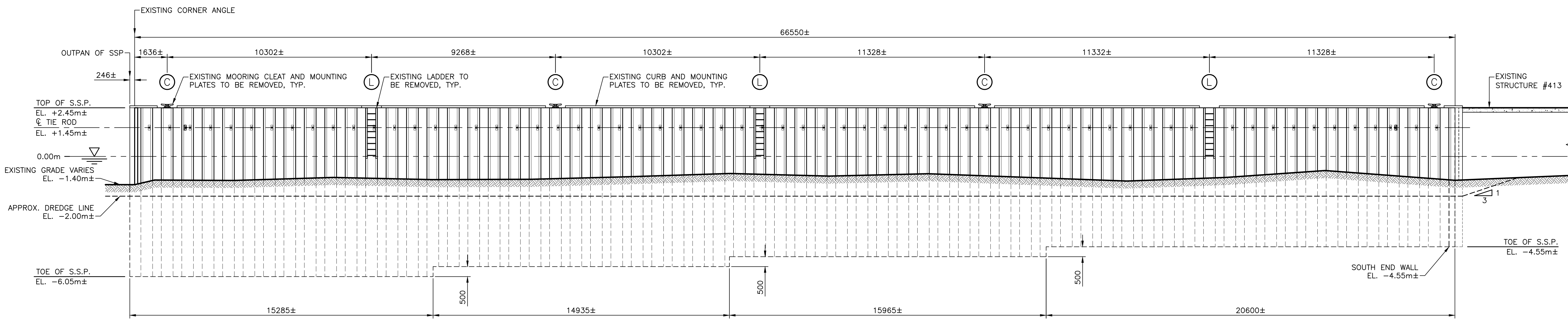
designed S.O'BRIEN	conçu
date DECEMBER 2019	
drawn J.BENNETT	dessiné
date DECEMBER 2019	
approved G.MacDONALD	approuvé
date JULY 2021	
Tender	Soumission
Project Manager	Administrateur de projets
project number	no. du projet

drawing no. no. du dessin

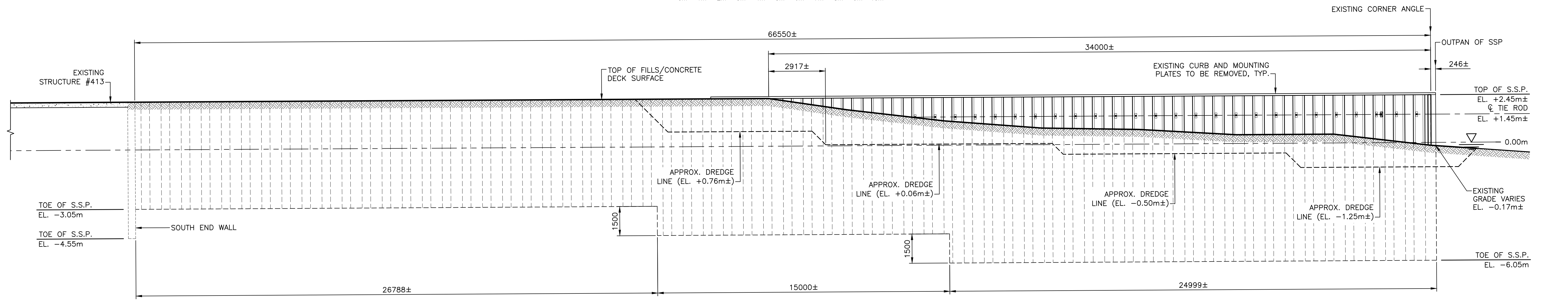




PLAN DETAIL OF EXISTING STRUCTURE #401
 SCALE : 1:100

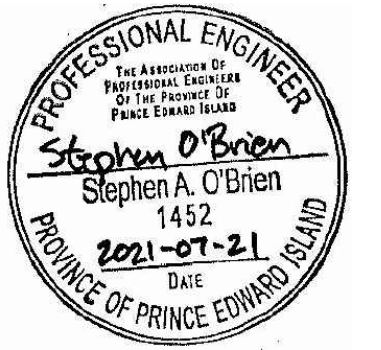


ELEVATION OF EXISTING WEST FACE E1
 SCALE : 1:100



ELEVATION OF EXISTING EAST FACE E2
 SCALE : 1:100

- LEGEND**
- (C) EXISTING MOORING CLEAT
 - (L) EXISTING LADDER
 - (UP) EXISTING UTILITY POLE

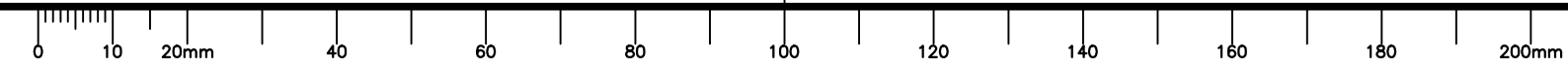


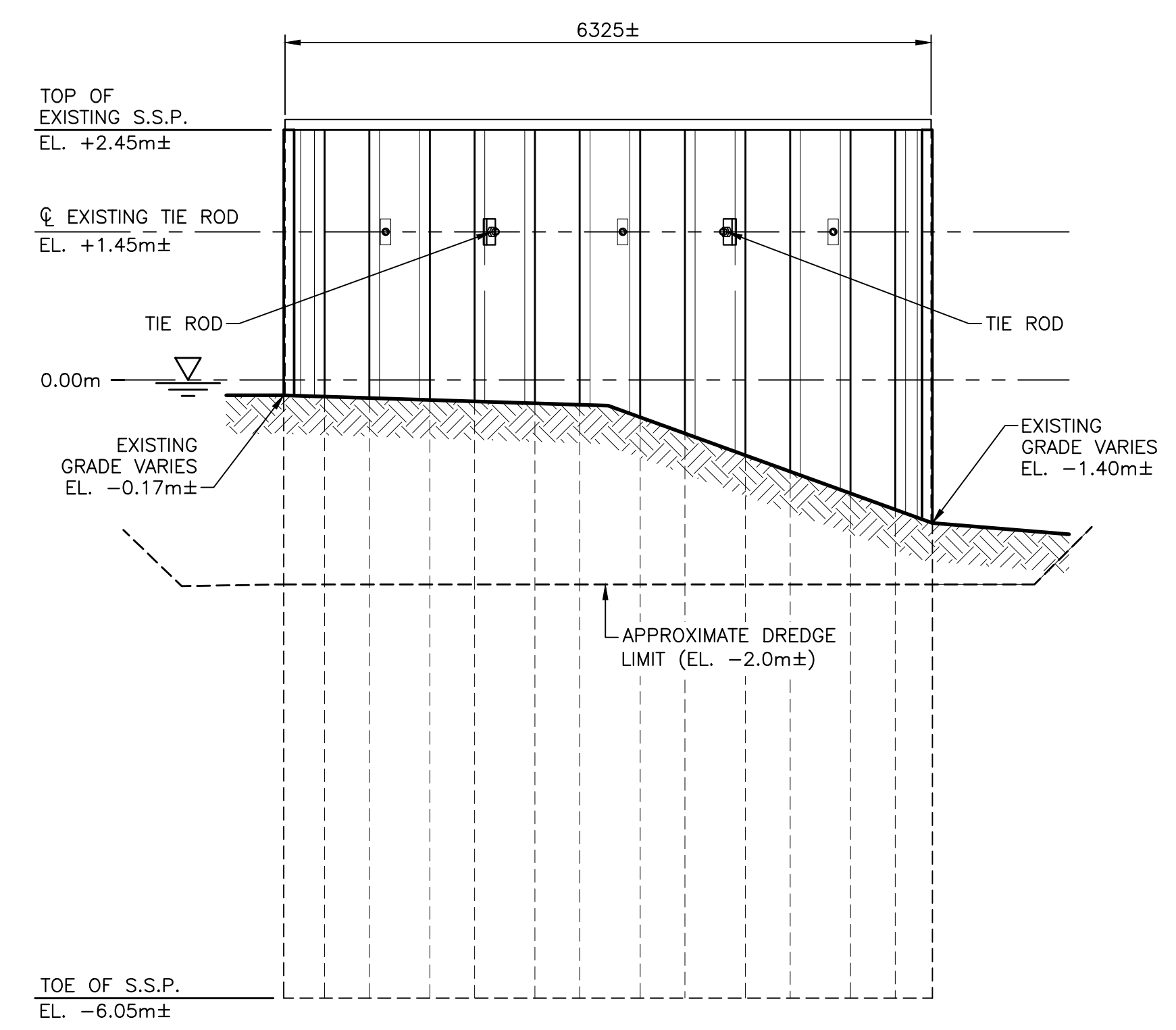
0	ISSUED FOR CONSTRUCTION	JUL 21 2020
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**STRUCTURE #401
 REHABILITATION
 SKINNERS POND
 PRINCE COUNTY, PE**

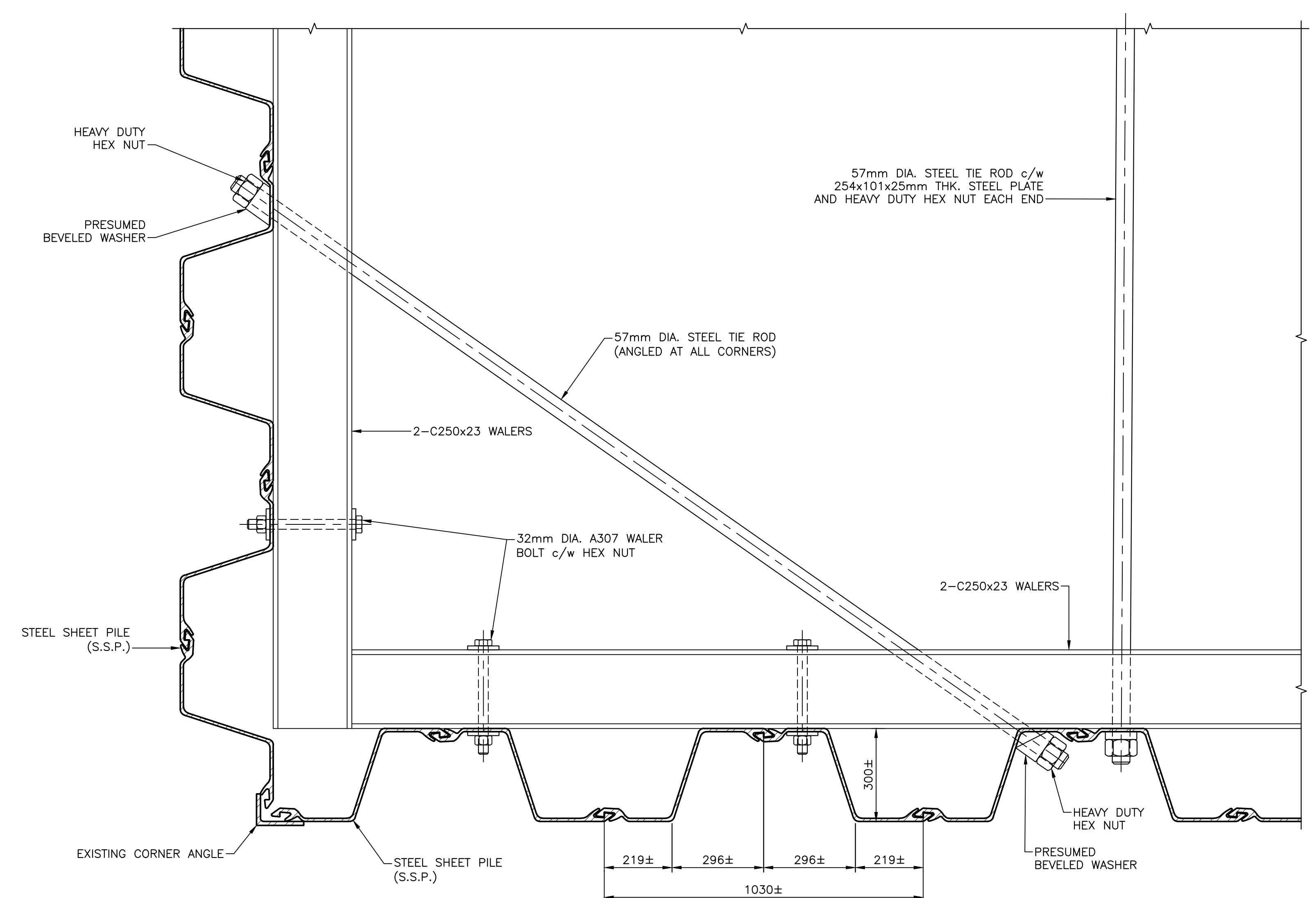
**EXISTING
 PLAN VIEW AND
 WALL ELEVATIONS**

designed S.O'BRIEN	conçu
date DECEMBER 2019	
drawn J.BENNETT	dessiné
date DECEMBER 2019	
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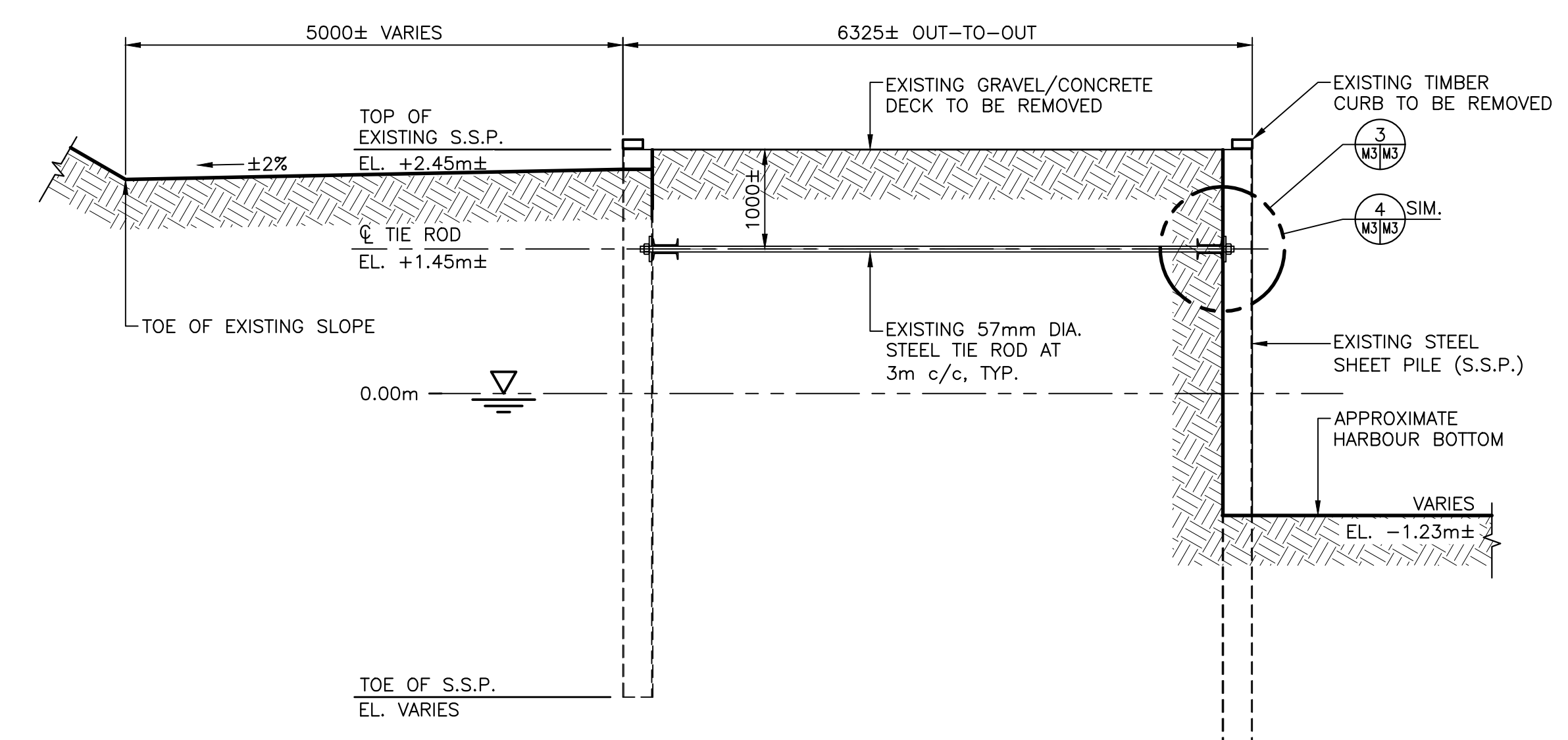




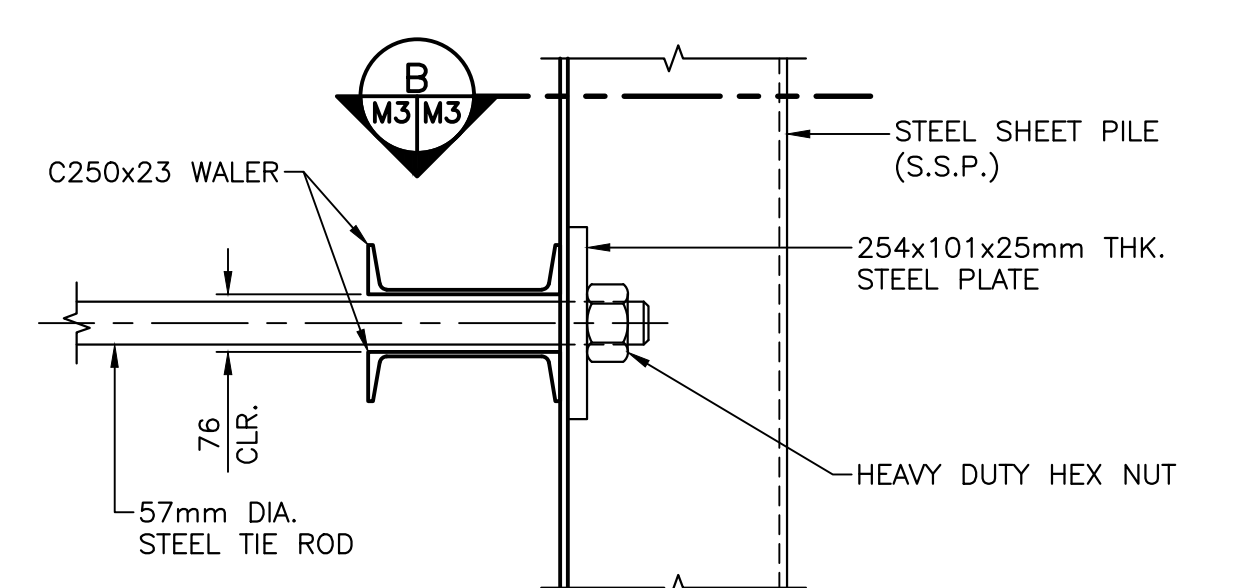
ELEVATION OF EXISTING NORTH FACE E3
 SCALE : 1:50
 M2/M3



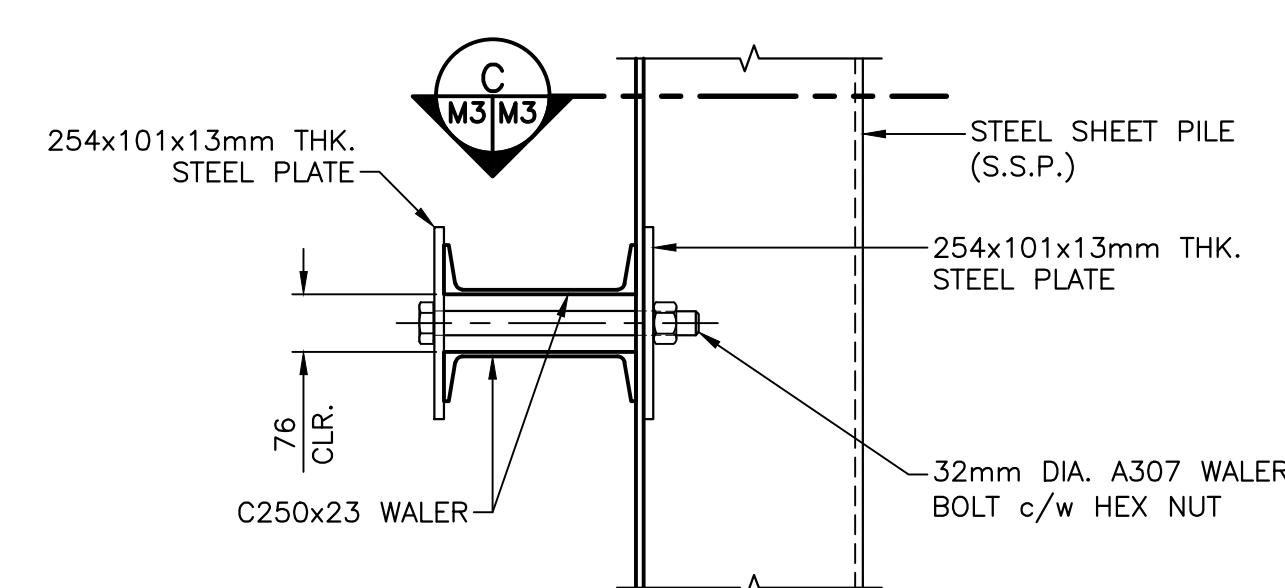
TYPICAL EXISTING CORNER CONNECTION DETAIL 2
 SCALE : 1:10
 M2/M3



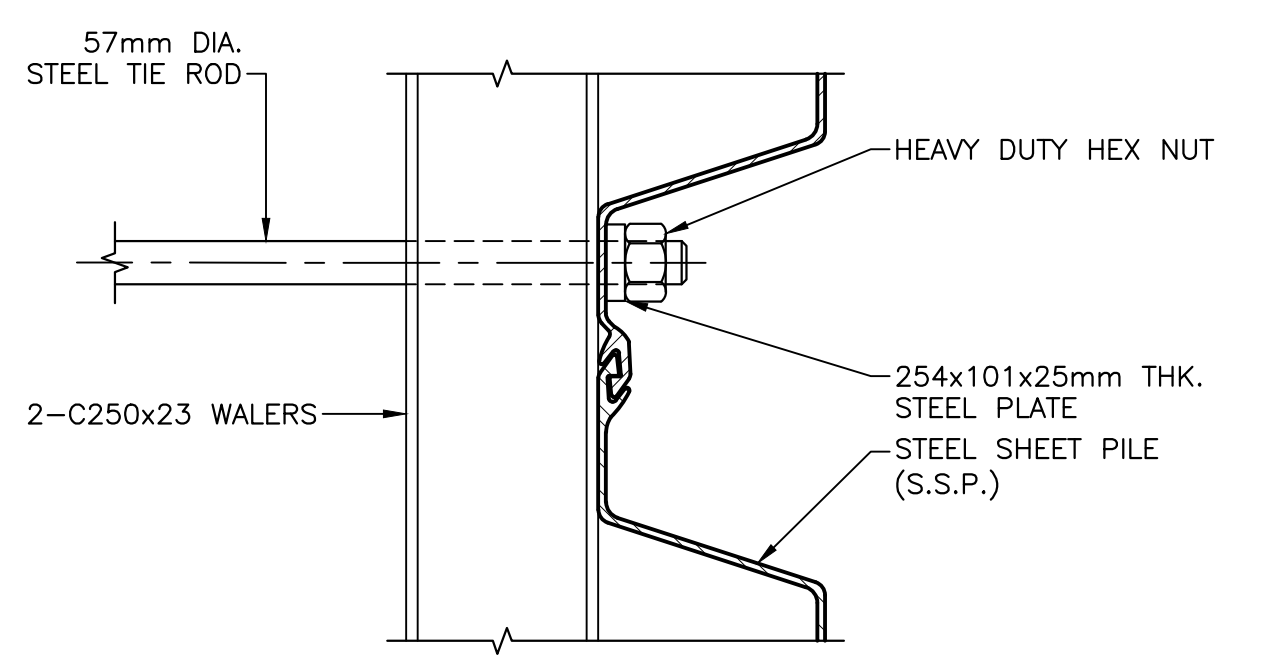
SECTION THROUGH EXISTING STRUCTURE #401 A
 SCALE : 1:50
 M2/M3



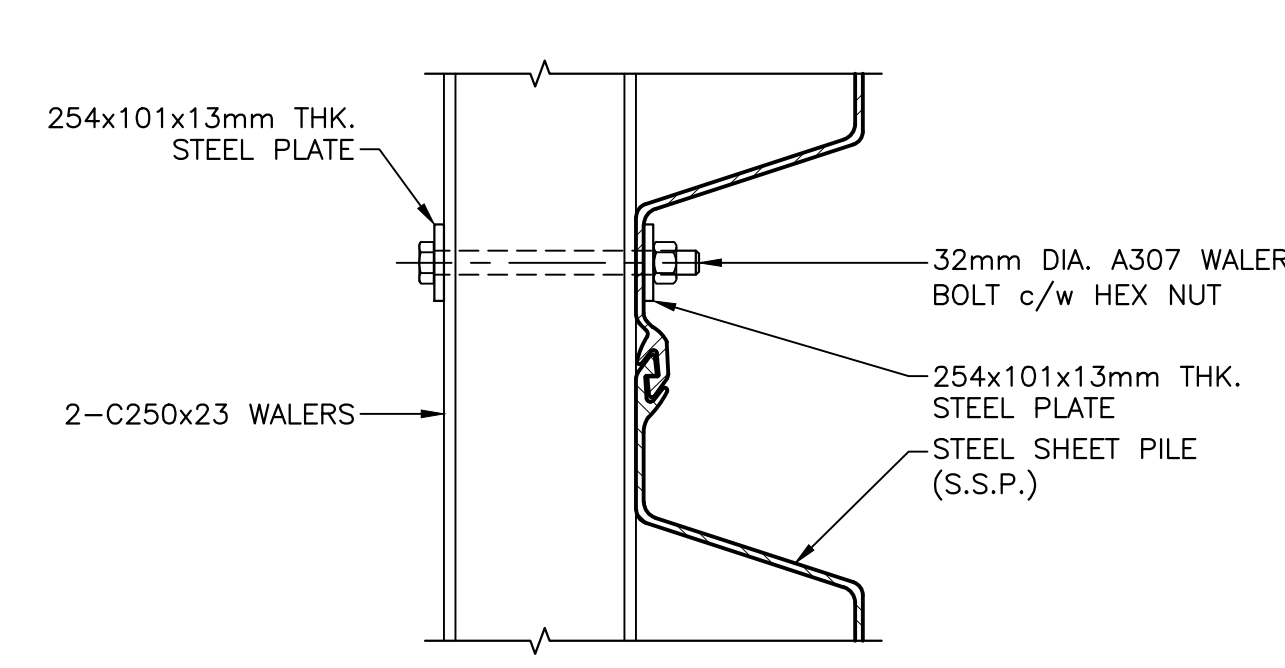
EXISTING TIE ROD/S.S.P. CONNECTION DETAIL 3
 SCALE : 1:10
 M3/M3



EXISTING WALER/S.S.P. CONNECTION DETAIL 4
 SCALE : 1:10
 M3/M3



EXISTING TIE ROD/S.S.P. CONNECTION SECTION B
 SCALE : 1:10
 M3/M3



EXISTING WALER/S.S.P. CONNECTION SECTION C
 SCALE : 1:10
 M3/M3

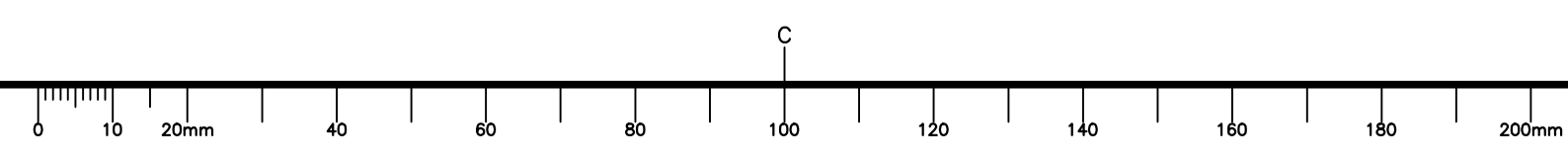


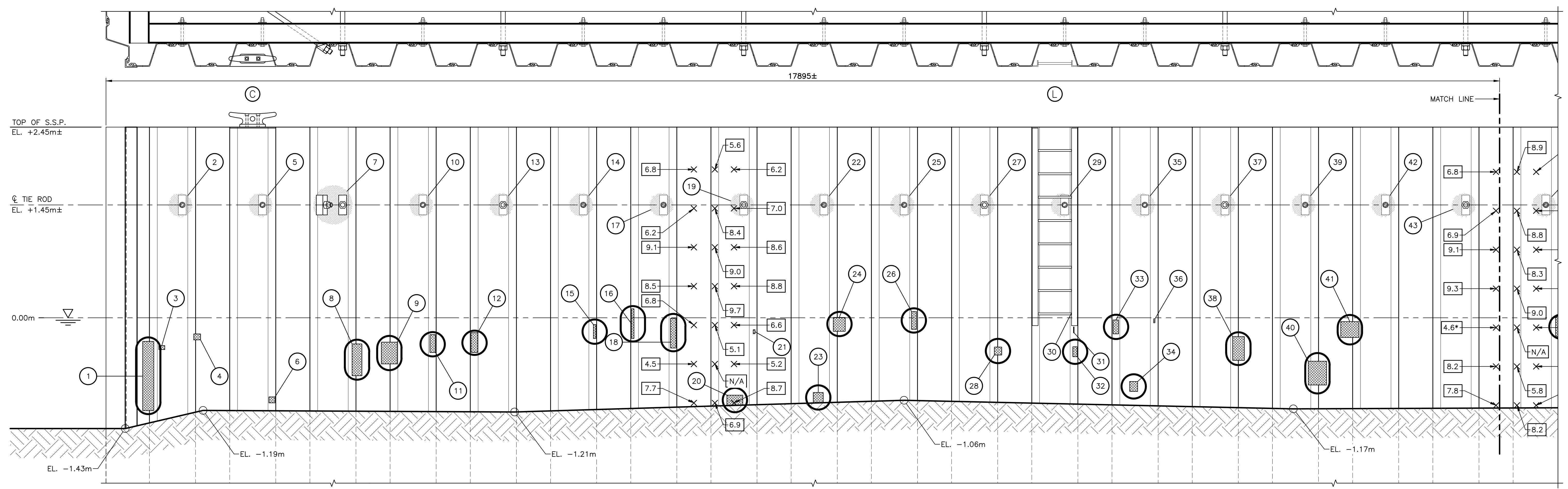
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**STRUCTURE #401
 REHABILITATION
 SKINNERS POND
 PRINCE COUNTY, PE**

**EXISTING
 ELEVATION, SECTION
 AND DETAILS**

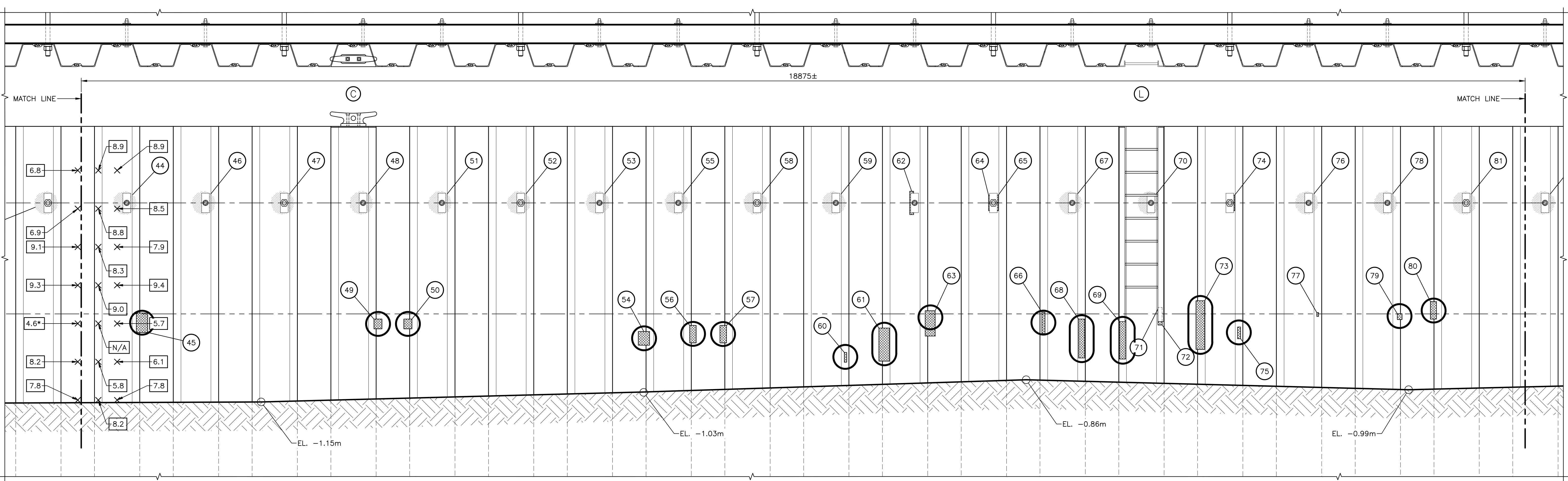
designed S.O'BRIEN	conçu
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PARTIAL WEST WALL ELEVATION **E4**
SCALE : 1:25
0mm 500mm 1000mm 1500mm 2000mm 2500mm

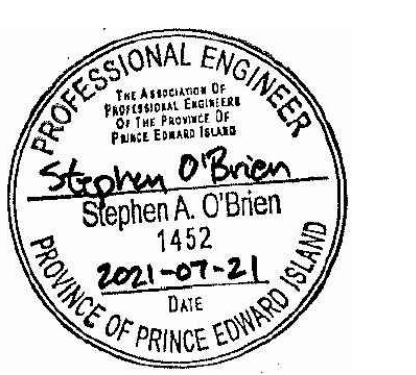
APPROXIMATE REPAIR AREA = 1.30m²



PARTIAL WEST WALL ELEVATION **E5**
SCALE : 1:25
0mm 500mm 1000mm 1500mm 2000mm 2500mm

APPROXIMATE REPAIR AREA = 1.20m²

- LEGEND**
- (C) EXISTING MOORING CLEAT
 - (L) EXISTING LADDER
 - SURFACE SCALING AND/OR PIN HOLES IN S.S.P.
 - HOLE THROUGH S.S.P.
 - ✕ □ S.S.P. U/T MEASUREMENT (mm)
 - ✕ □ S.S.P. U/T MEASUREMENT (mm). ASTERISK INDICATES A LOCAL HOLE NEAR THE U/T MEASUREMENT
 - EL. LOCAL SOUNDING TAKEN ALONG S.S.P. WALL
 - REQUIRED STEEL REPAIR

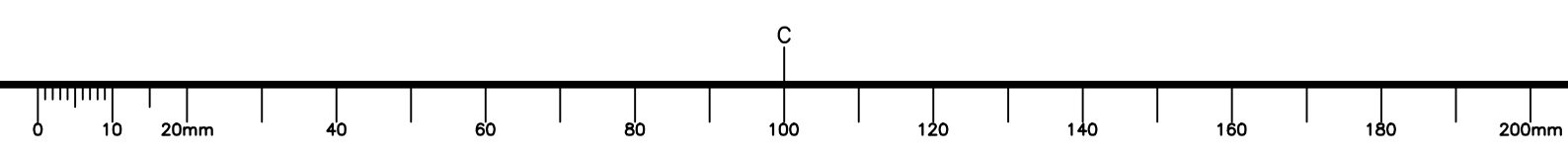


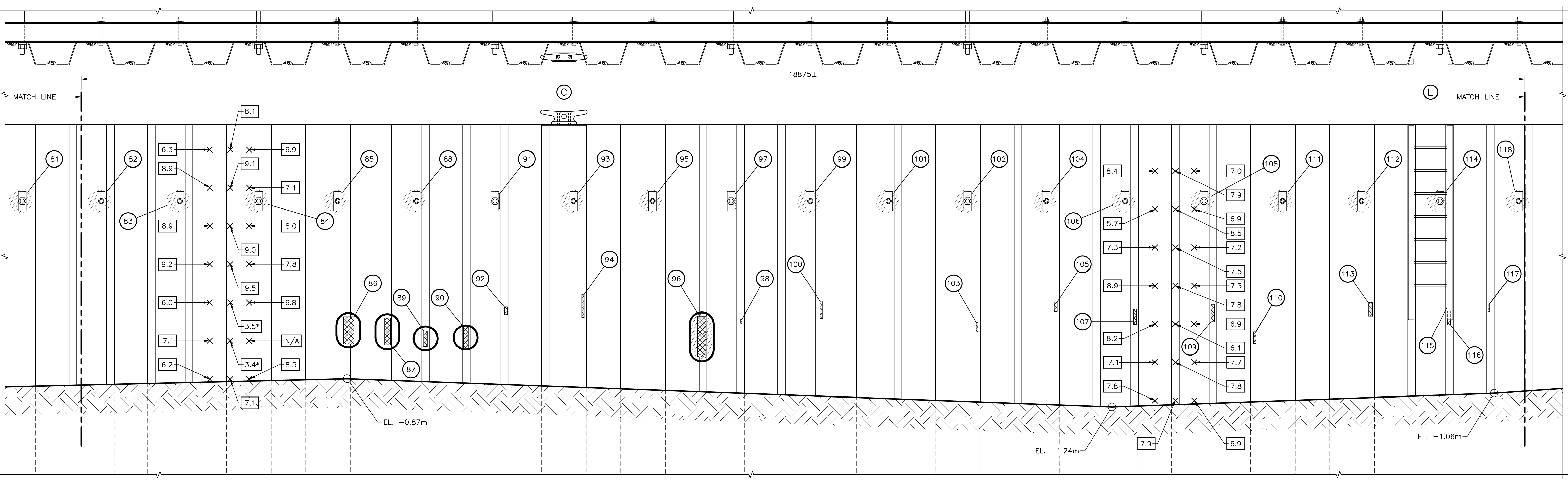
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**STRUCTURE #401
REHABILITATION
SKINNERS POND
PRINCE COUNTY, PE**

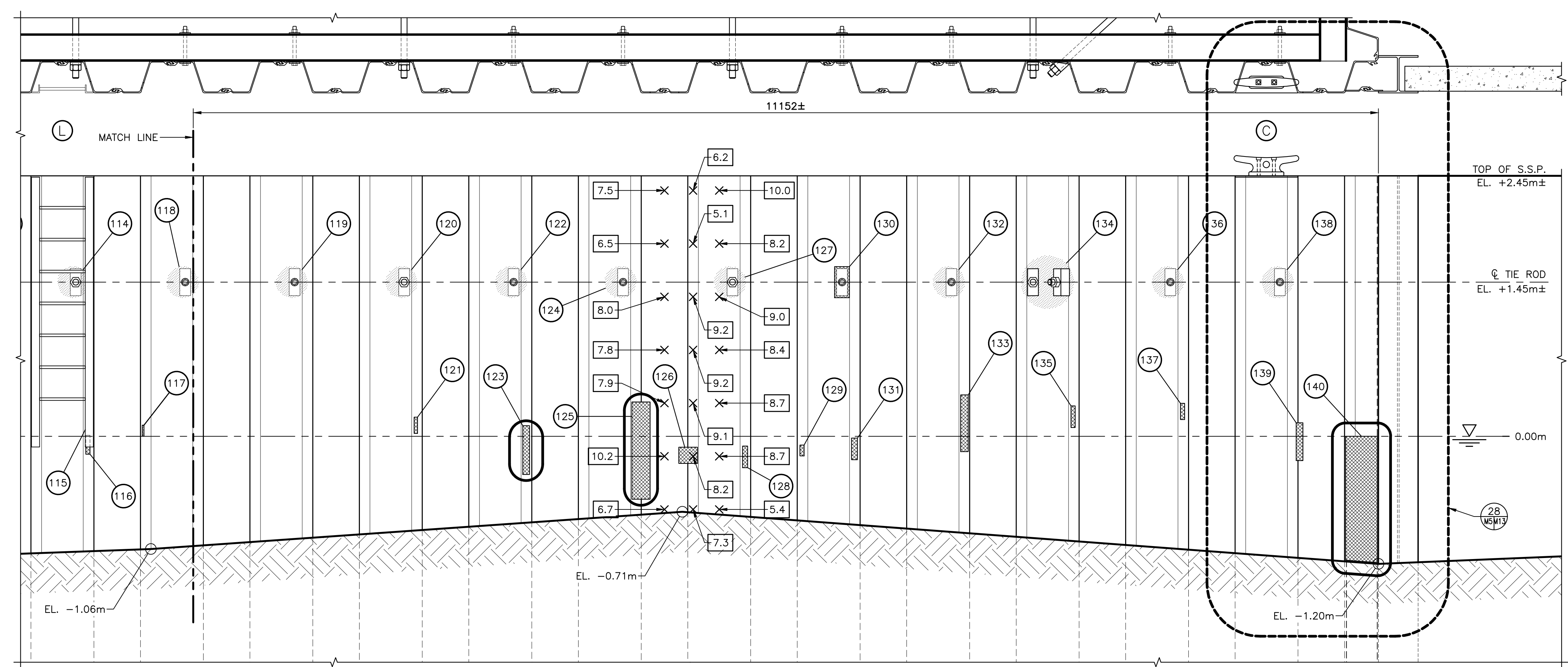
**EXISTING
PARTIAL WEST
WALL ELEVATION
DEFECT MAPPING**

designed S.O'BRIEN	conçu
date DECEMBER 2019	
drawn J.BENNETT	dessiné
date DECEMBER 2019	
approved G.MacDONALD	approuvé
date JULY 2021	
Tender	Soumission
Project Manager	Administrateur de projets
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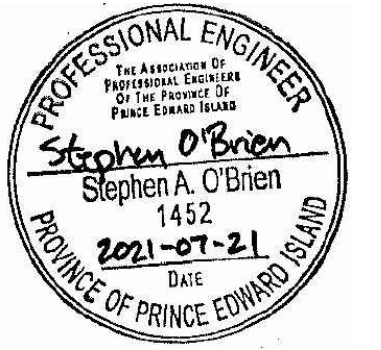


PARTIAL WEST WALL ELEVATION E6
SCALE : 1:25
M2IM5
APPROXIMATE REPAIR AREA = 0.60m²



PARTIAL WEST WALL ELEVATION E7
SCALE : 1:25
M2IM5
APPROXIMATE REPAIR AREA = 2.00m²

- LEGEND**
- (C) EXISTING MOORING CLEAT
 - (L) EXISTING LADDER
 - SURFACE SCALING AND/OR PIN HOLES IN S.S.P.
 - ▨ HOLE THROUGH S.S.P.
 - ✕ □ S.S.P. U/T MEASUREMENT (mm)
 - ✕ □ S.S.P. U/T MEASUREMENT (mm). ASTERISK INDICATES A LOCAL HOLE NEAR THE U/T MEASUREMENT
 - EL. LOCAL SOUNDING TAKEN ALONG S.S.P. WALL
 - REQUIRED STEEL REPAIR

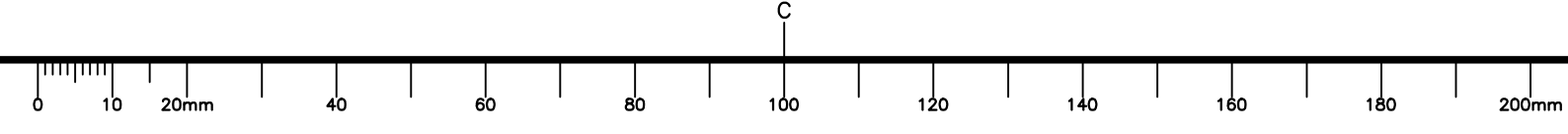


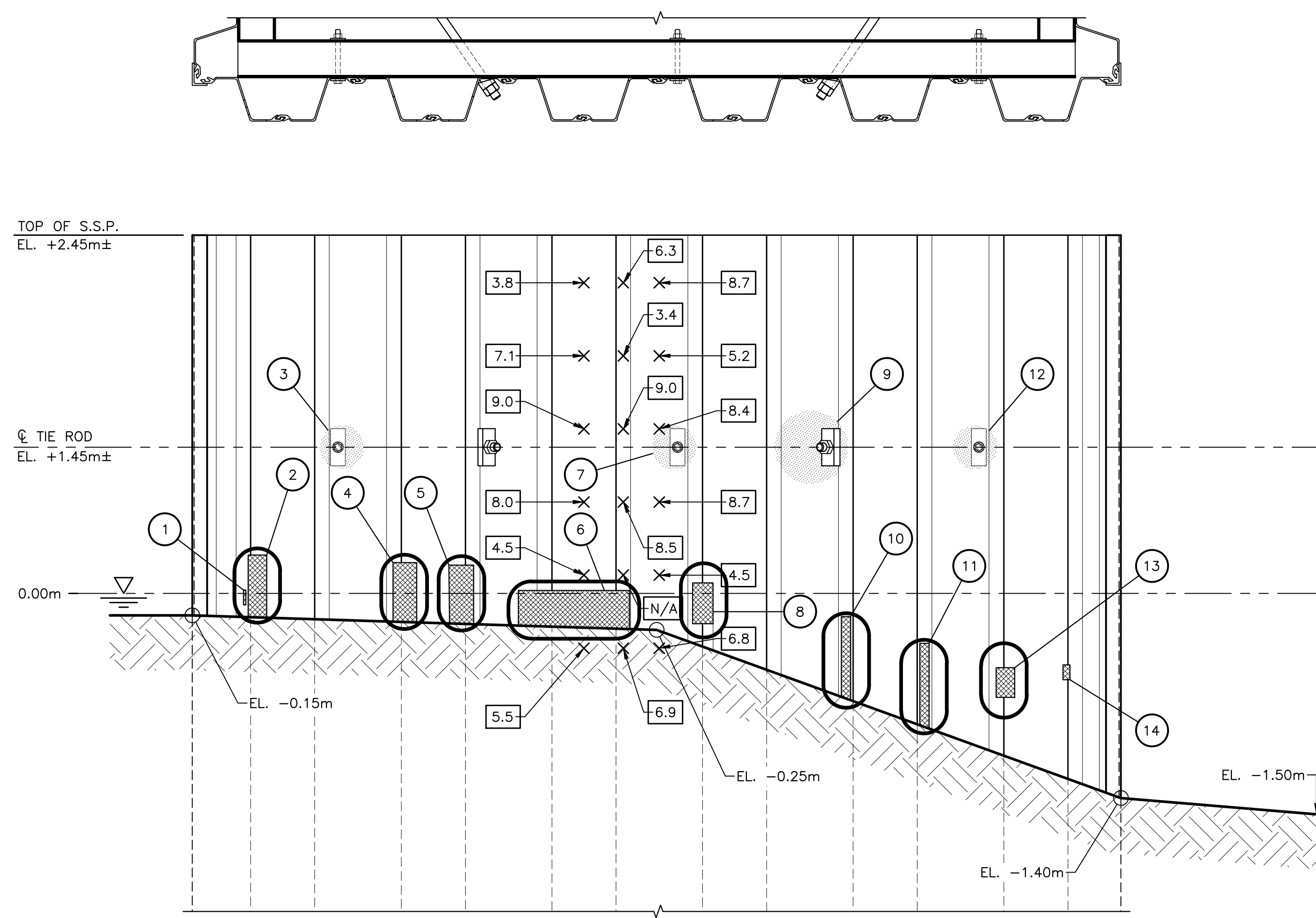
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**STRUCTURE #401
REHABILITATION
SKINNERS POND
PRINCE COUNTY, PE**

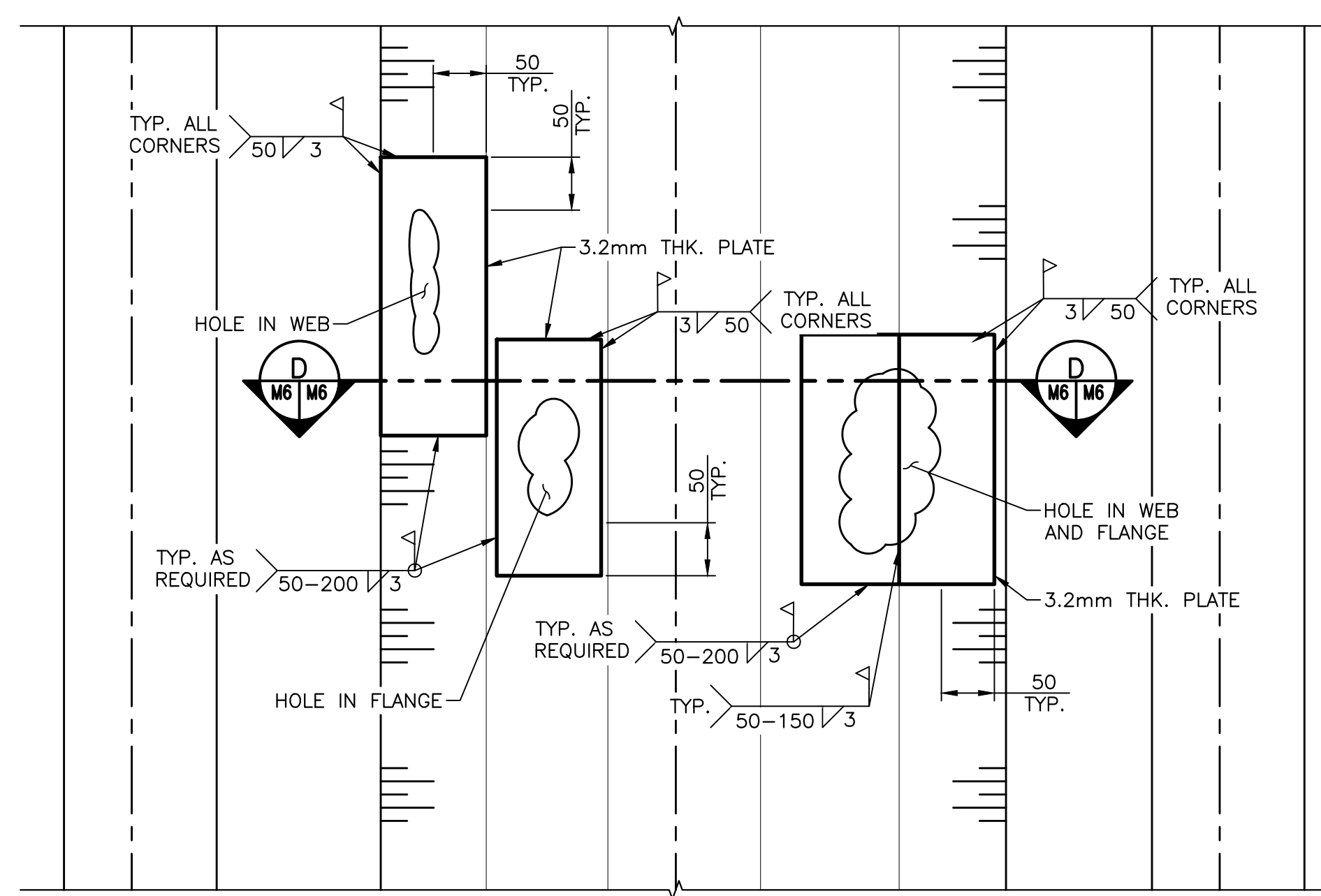
**EXISTING
PARTIAL WEST
WALL ELEVATIONS
DEFECT MAPPING**

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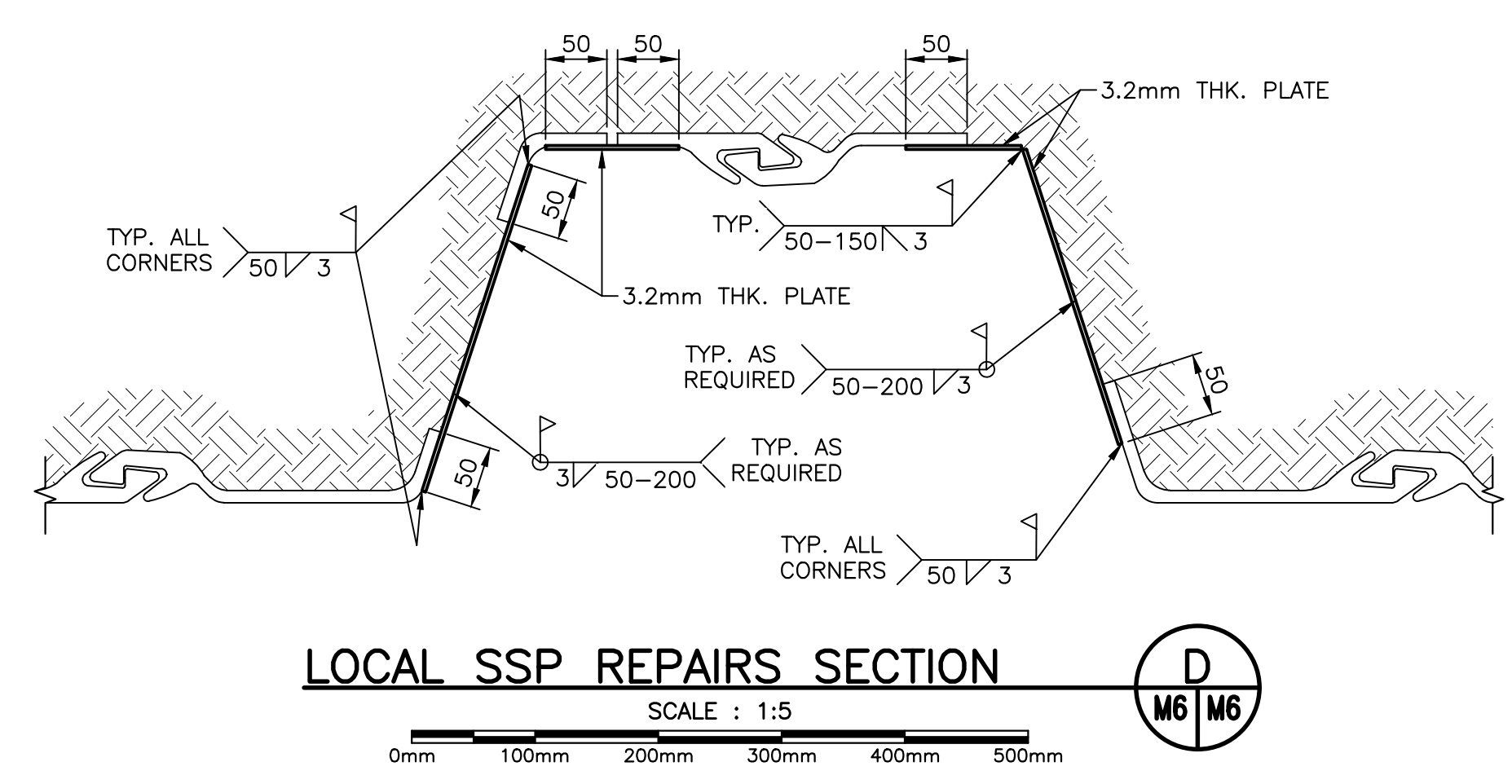




NORTH WALL ELEVATION
 SCALE : 1:25
 APPROXIMATE REPAIR AREA = 1.50m²



LOCAL SSP REPAIRS DETAIL
 SCALE : 1:5



LOCAL SSP REPAIRS SECTION
 SCALE : 1:5

SSP REPAIR NOTES:

1. NEW PLATES MUST EXTEND A MINIMUM OF 50mm BEYOND EXISTING HOLE.
2. REQUIRED REPAIR LOCATIONS ARE IDENTIFIED ON DRAWINGS M4-M6.
3. ADDITIONAL REPAIR LOCATIONS, IF REQUIRED, WILL BE CONFIRMED AND AGREED UPON BY A DEPARTMENT REPRESENTATIVE.

ID No.	Description
1	Hole in sheet pile
2	Hole in sheet pile
3	Pin holes, scaling surrounding the tie rod washer
4	Hole in sheet pile, significant void behind remaining sheet
5	Hole in sheet pile, significant void behind remaining sheet
6	Hole in sheet pile, significant void behind remaining sheet
7	Pin holes, scaling surrounding the distributor bolt washer
8	Hole in sheet pile
9	Pin holes, scaling surrounding the tie rod washer
10	Hole in sheet pile
11	Hole in sheet pile
12	Pin holes, scaling surrounding the distributor bolt washer
13	Hole in sheet pile
14	Hole in sheet pile

ID No.	Description
1	Hole in sheet pile
2	Pin holes in sheet pile surrounding the distributor bolt washer
3	Hole in sheet pile knuckle
4	Hole in sheet pile
5	Holes in sheet pile, thin steel surrounding the distributor bolt washer
6	Hole in sheet pile
7	Holes in sheet pile surrounding the tie rod washers
8	Hole in sheet pile
9	Hole in sheet pile, surrounding steel is thin with pin holes
10	Pin holes, scaling surrounding the distributor bolt washer
11	Hole in sheet pile
12	Hole in sheet pile, significant void behind remaining sheet
13	Holes in sheet pile surrounding the tie rod washer
14	Pin holes, scaling surrounding the tie rod washer
15	Hole in sheet pile
16	Hole in sheet pile
17	Pin holes, scaling surrounding the distributor bolt washer
18	Hole in sheet pile
19	Holes in sheet pile surrounding the tie rod washer
20	Hole in sheet pile
21	Hole in sheet pile
22	Pin holes, scaling surrounding the distributor bolt washer
23	Hole in sheet pile
24	Hole in sheet pile
25	Pin holes, scaling surrounding the distributor bolt washer
26	Hole in sheet pile
27	Pin holes, scaling surrounding the tie rod washer
28	Hole in sheet pile
29	Pin holes, scaling surrounding the distributor bolt washer
30	Ladder is missing bottom three rungs
31	Hole in sheet pile
32	Hole in sheet pile
33	Hole in sheet pile
34	Hole in sheet pile
35	Pin holes, scaling surrounding the distributor bolt washer
36	Hole in sheet pile
37	Pin holes, scaling surrounding the distributor bolt washer
38	Hole in sheet pile, significant void behind remaining sheet
39	Pin holes, scaling surrounding the distributor bolt washer
40	Hole in sheet pile
41	Hole in sheet pile
42	Pin holes, scaling surrounding the distributor bolt washer
43	Holes in sheet pile surrounding the tie rod washer
44	Pin holes, scaling surrounding the distributor bolt washer
45	Hole in sheet pile
46	Pin holes, scaling surrounding the distributor bolt washer
47	Pin holes, scaling surrounding the tie rod washer
48	Pin holes, scaling surrounding the distributor bolt washer
49	Hole in sheet pile
50	Hole in sheet pile
51	Pin holes, scaling surrounding the distributor bolt washer
52	Pin holes, scaling surrounding the tie rod washer
53	Pin holes, scaling surrounding the distributor bolt washer
54	Hole in sheet pile
55	Pin holes, scaling surrounding the distributor bolt washer
56	Hole in sheet pile
57	Hole in sheet pile
58	Holes in sheet pile surrounding the tie rod washer
59	Pin holes, scaling surrounding the distributor bolt washer
60	Hole in sheet pile
61	Hole in sheet pile
62	Hole in sheet pile surrounding the distributor bolt washer
63	Hole in sheet pile
64	Hole in sheet pile at the tie rod washer
65	Hole in sheet pile at the tie rod washer
66	Hole in sheet pile
67	Pin holes, scaling surrounding the distributor bolt washer
68	Hole in sheet pile, significant void behind remaining sheet
69	Hole in sheet pile, significant void behind remaining sheet
70	Pin holes, scaling surrounding the distributor bolt washer
71	Ladder is missing one rung
72	Hole in sheet pile
73	Hole in sheet pile, significant void behind remaining sheet
74	Hole in sheet pile at the tie rod washer
75	Hole in sheet pile
76	Pin holes, scaling surrounding the distributor bolt washer
77	Hole in sheet pile
78	Pin holes, scaling surrounding the distributor bolt washer
79	Hole in sheet pile
80	Hole in sheet pile
81	Heavy scaling and holes in the sheet pile at the tie rod washer
82	Pin holes, scaling surrounding the distributor bolt washer
83	Pin holes, scaling surrounding the distributor bolt washer
84	Pin holes, scaling surrounding the tie rod washer
85	Pin holes, scaling surrounding the distributor bolt washer
86	Hole in sheet pile, significant void behind remaining sheet
87	Hole in sheet pile, significant void behind remaining sheet
88	Pin holes, scaling surrounding the distributor bolt washer
89	Hole in sheet pile
90	Hole in sheet pile
91	Hole in sheet pile at the tie rod washer
92	Hole in sheet pile
93	Pin holes, scaling surrounding the distributor bolt washer
94	Hole in sheet pile
95	Pin holes, scaling surrounding the distributor bolt washer
96	Hole in sheet pile, area surrounding hole is filled with pinholes
97	Hole in sheet pile at the tie rod washer
98	Hole in sheet pile
99	Pin holes, scaling surrounding the distributor bolt washer
100	Hole in sheet pile
101	Pin holes, scaling surrounding the distributor bolt washer
102	Pin holes, scaling surrounding the tie rod washer
103	Hole in sheet pile
104	Pin holes, scaling surrounding the distributor bolt washer
105	Hole in sheet pile
106	Pin holes, scaling surrounding the distributor bolt washer
107	Hole in sheet pile
108	Pin holes, scaling surrounding the tie rod washer
109	Hole in sheet pile
110	Hole in sheet pile
111	Pin holes, scaling surrounding the distributor bolt washer
112	Pin holes, scaling surrounding the distributor bolt washer
113	Hole in sheet pile
114	Pin holes, scaling surrounding the tie rod washer
115	Ladder is missing bottom rung
116	Hole in sheet pile
117	Hole in sheet pile, surrounding steel appears very thin
118	Pin holes, scaling surrounding the distributor bolt washer
119	Pin holes, scaling surrounding the distributor bolt washer
120	Pin holes, scaling surrounding the tie rod washer
121	Hole in sheet pile
122	Pin holes, scaling surrounding the distributor bolt washer
123	Hole in sheet pile
124	Pin holes, scaling surrounding the distributor bolt washer
125	Hole in sheet pile
126	Hole in sheet pile
127	Pin holes, scaling surrounding the tie rod washer
128	Hole in sheet pile
129	Hole in sheet pile
130	Hole in sheet pile at the distributor bolt washer
131	Hole in sheet pile, surrounding steel appears very thin
132	Pin holes, scaling surrounding the distributor bolt washer
133	Hole in sheet pile, significant void behind remaining sheet
134	Pin holes, scaling surrounding the tie rod washers
135	Hole in sheet pile
136	Pin holes, scaling surrounding the distributor bolt washer
137	Hole in sheet pile
138	Pin holes, scaling surrounding the distributor bolt washer
139	Hole in sheet pile, surrounding steel is thin with pin holes
140	Plate is not welded below low water level. There is a void extending from the sea floor to the low water level

LEGEND

- (C) EXISTING MOORING CLEAT
- (L) EXISTING LADDER
- (Shaded Area) SURFACE SCALING AND/OR PIN HOLES IN S.S.P.
- (Hatched Area) HOLE THROUGH S.S.P.
- (X) S.S.P. U/T MEASUREMENT (mm)
- (X with Asterisk) S.S.P. U/T MEASUREMENT (mm), ASTERISK INDICATES A LOCAL HOLE NEAR THE U/T MEASUREMENT
- (G) LOCAL SOUNDING TAKEN ALONG S.S.P. WALL
- (O) REQUIRED STEEL REPAIR



0	ISSUED FOR CONSTRUCTION	JUL 21 2020
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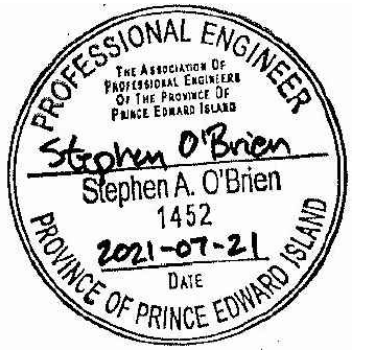
project STRUCTURE #401 REHABILITATION SKINNERS POND PRINCE COUNTY, PE

drawing no. ELEVATION DEFECT MAPPING AND LOCAL SSP REPAIR DETAIL

designed	S.O'BRIEN	conq
date	DECEMBER 2019	
drawn	J.BENNETT	dessin
date	DECEMBER 2019	
approved	G.MacDONALD	approuvé
date	JULY 2021	
Tender		Soumission
Project Manager	Administrateur de projets	
project number		no. du projet



- LEGEND**
- (M) NEW MOORING HOLDFAST
 - (L) NEW LADDER
 - (JP) EXISTING UTILITY POLE

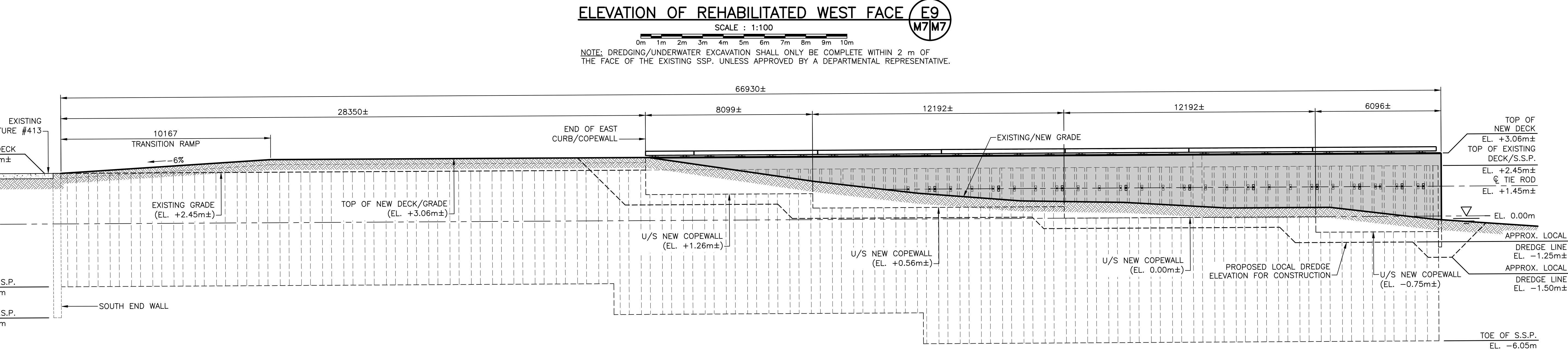
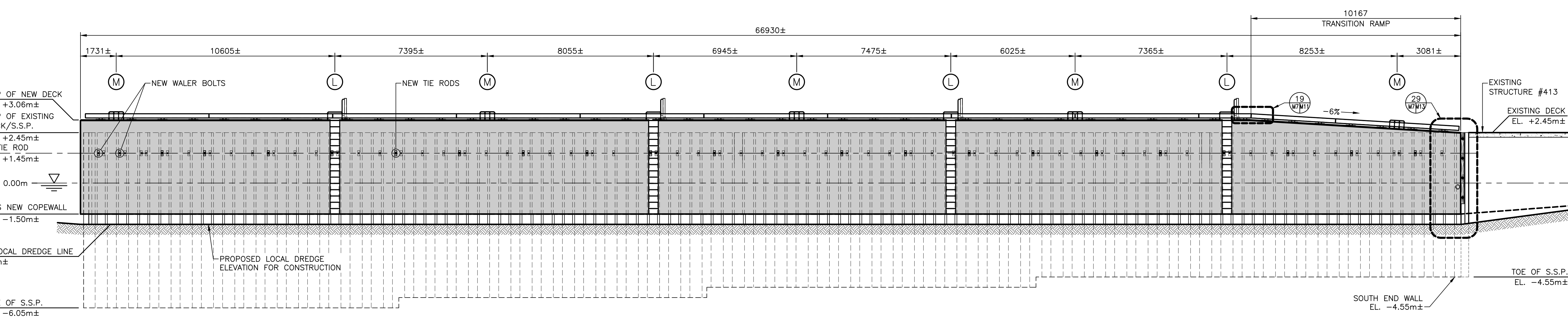
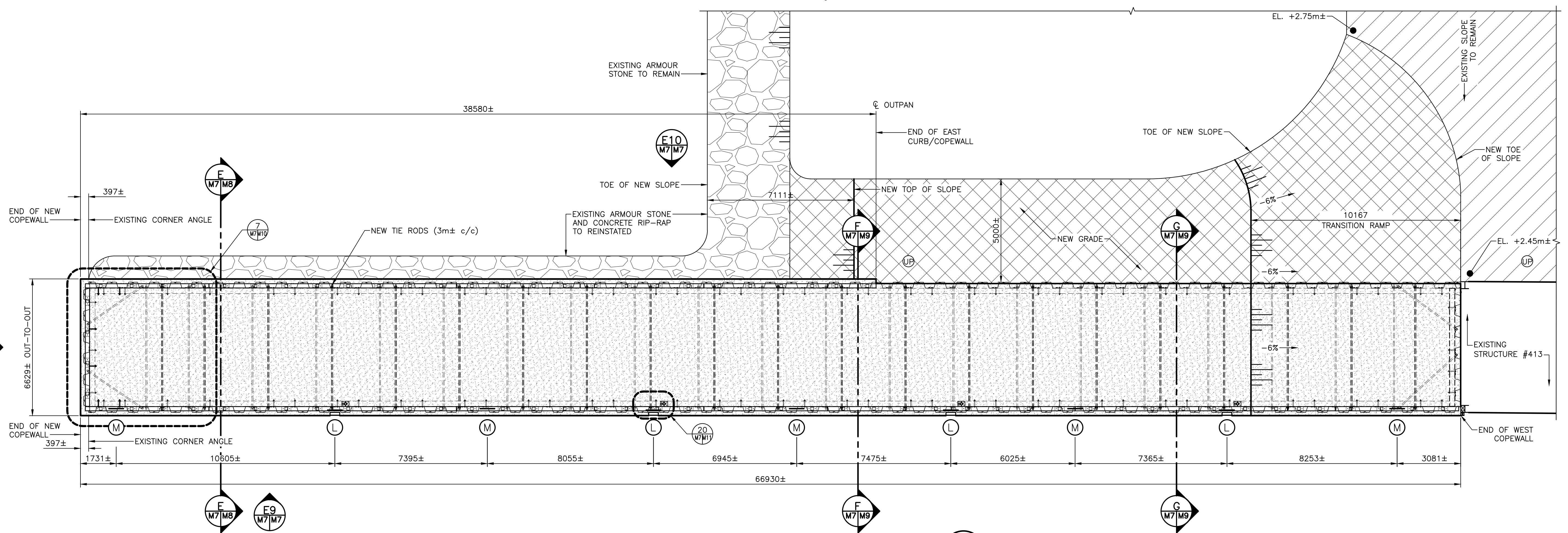


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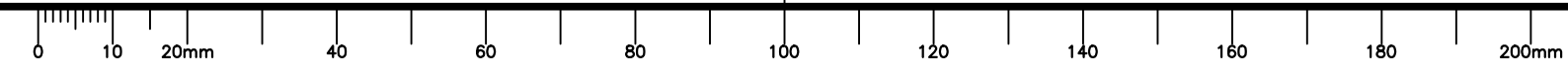
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 PRINCE COUNTY, PE**

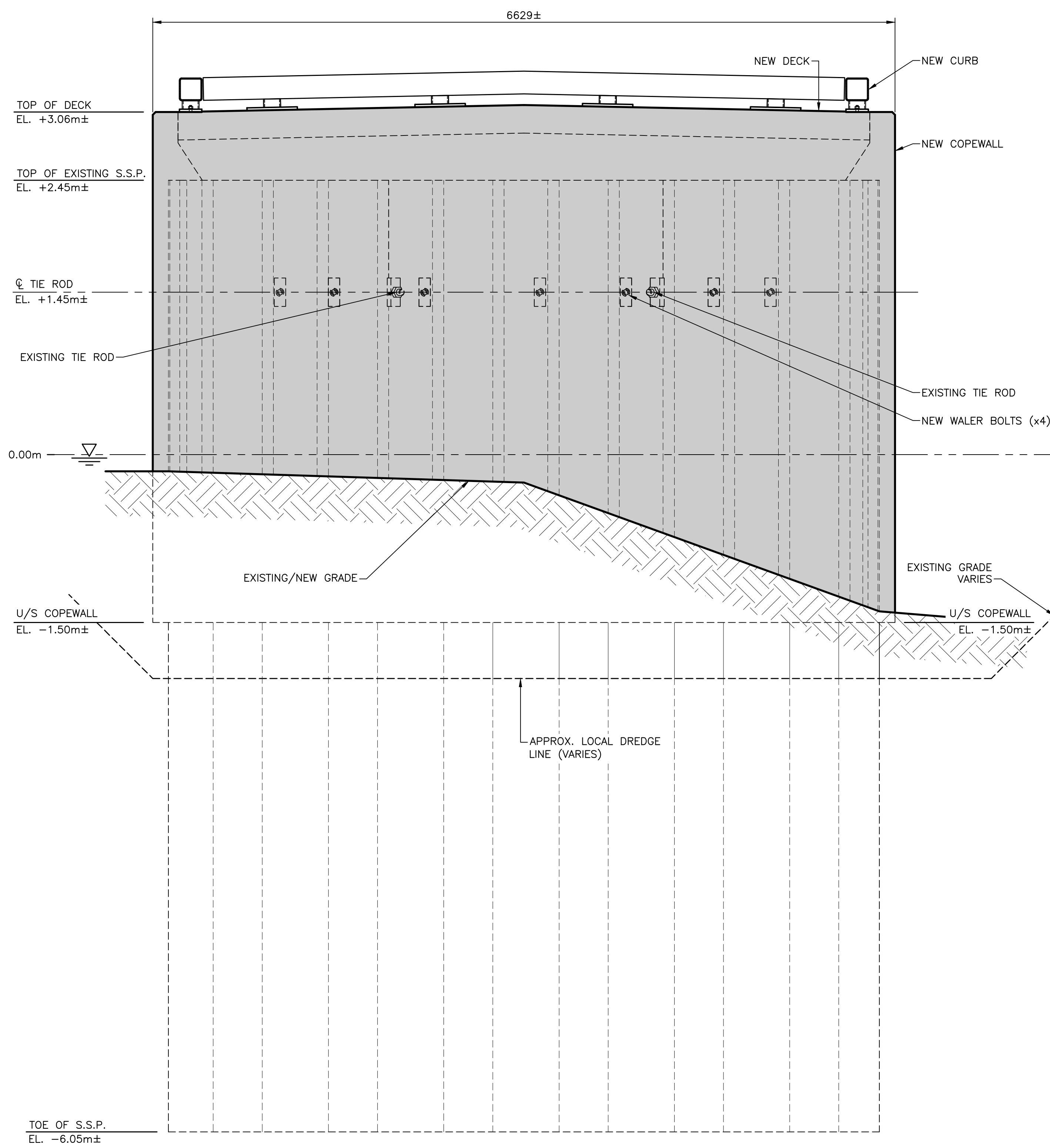
**NEW
 PLAN VIEW AND
 WALL ELEVATIONS**

designed	S.O'BRIEN	conçu
date	MARCH 2020	
drawn	B.ARSENAULT	dessiné
date	MARCH 2020	
approved	G.MacDONALD	approuvé
date	JULY 2021	
Tender		Soumission
Project Manager	Administrateur de projets	
project number	no. du projet	
drawing no.	no. du dessin	



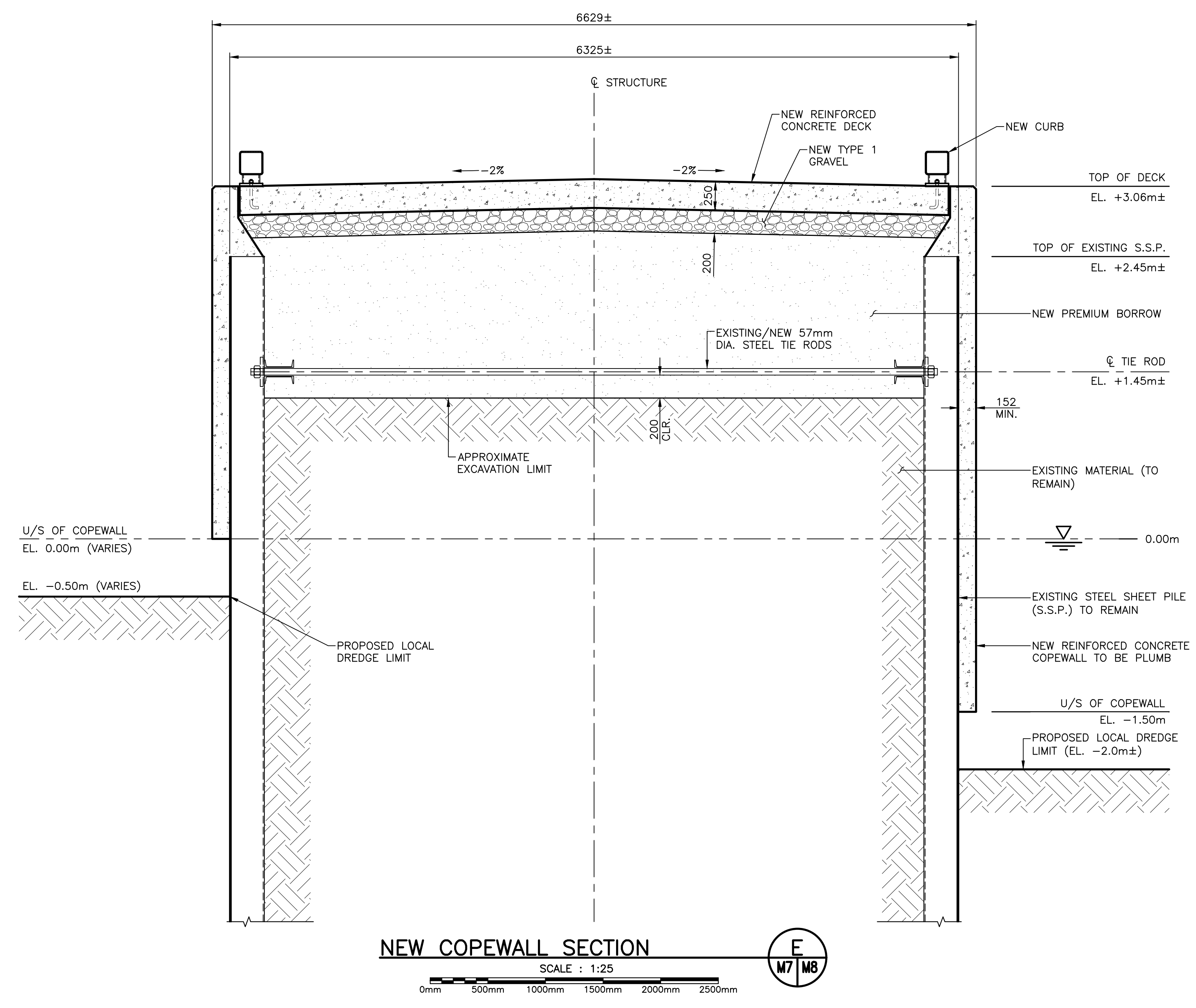
NOTE: DREDGING/UNDERWATER EXCAVATION SHALL ONLY BE COMPLETE WITHIN 2 m OF THE FACE OF THE EXISTING SSP, UNLESS APPROVED BY A DEPARTMENTAL REPRESENTATIVE.



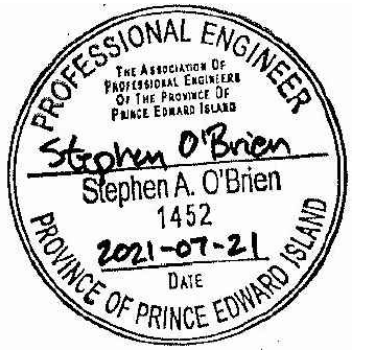


ELEVATION OF NEW NORTH FACE (E11)
 SCALE : 1:25
 0mm 500mm 1000mm 1500mm 2000mm 2500mm

NOTE: DREDGING/UNDERWATER EXCAVATION SHALL ONLY BE COMPLETE WITHIN 2 m OF THE FACE OF THE EXISTING SSP. UNLESS APPROVED BY A DEPARTMENTAL REPRESENTATIVE.



NEW COPEWALL SECTION (E)
 SCALE : 1:25
 0mm 500mm 1000mm 1500mm 2000mm 2500mm

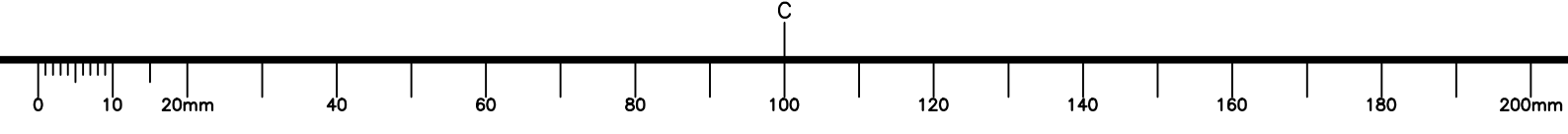


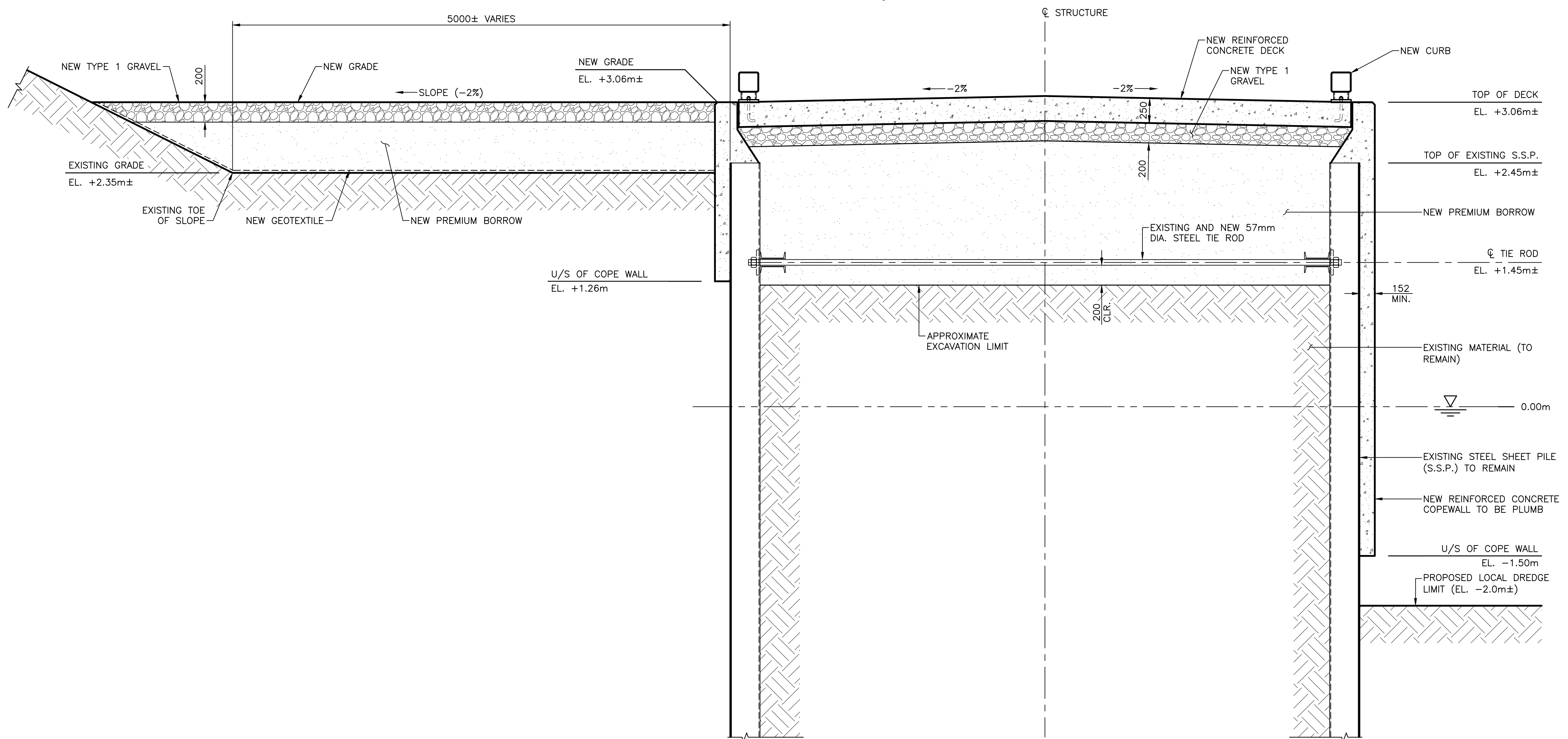
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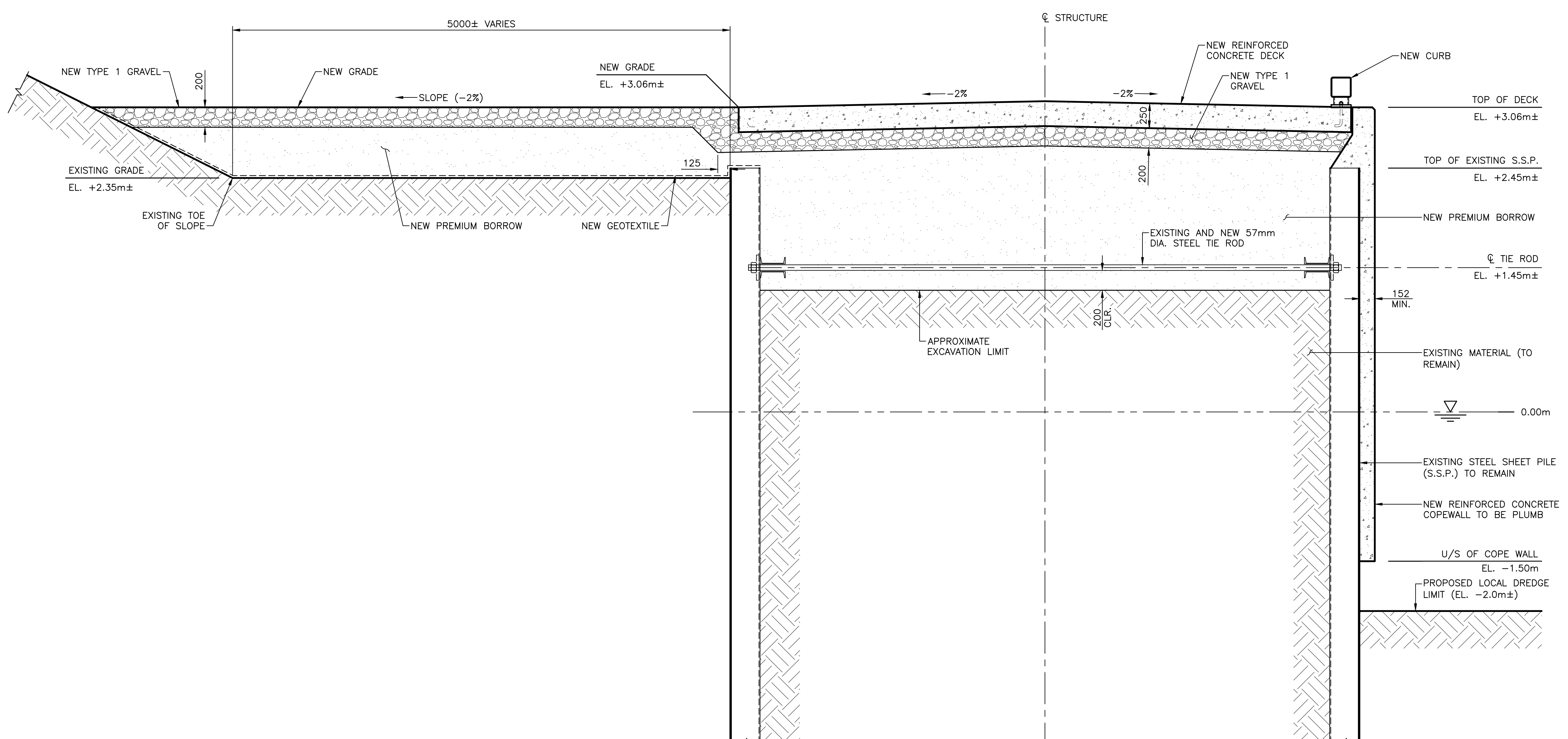
**NEW ELEVATION AND
 SECTION OF NEW
 COPEWALL**

designed S.O'BRIEN	conçu
date MARCH 2020	
drawn S.GILLIS	dessiné
date MARCH 2020	
approved G.MacDONALD	approuvé
date JULY 2021	
Tender	Soumission
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NEW COPEWALL SECTION
 SCALE : 1:25
 0mm 500mm 1000mm 1500mm 2000mm 2500mm
 F
 M7 | M9



NEW COPEWALL SECTION
 SCALE : 1:25
 0mm 500mm 1000mm 1500mm 2000mm 2500mm
 G
 M7 | M9

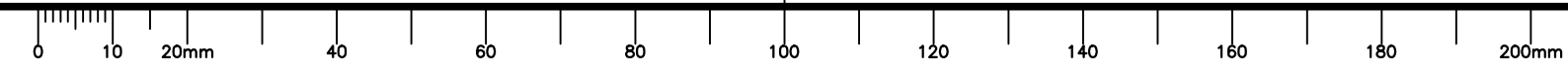


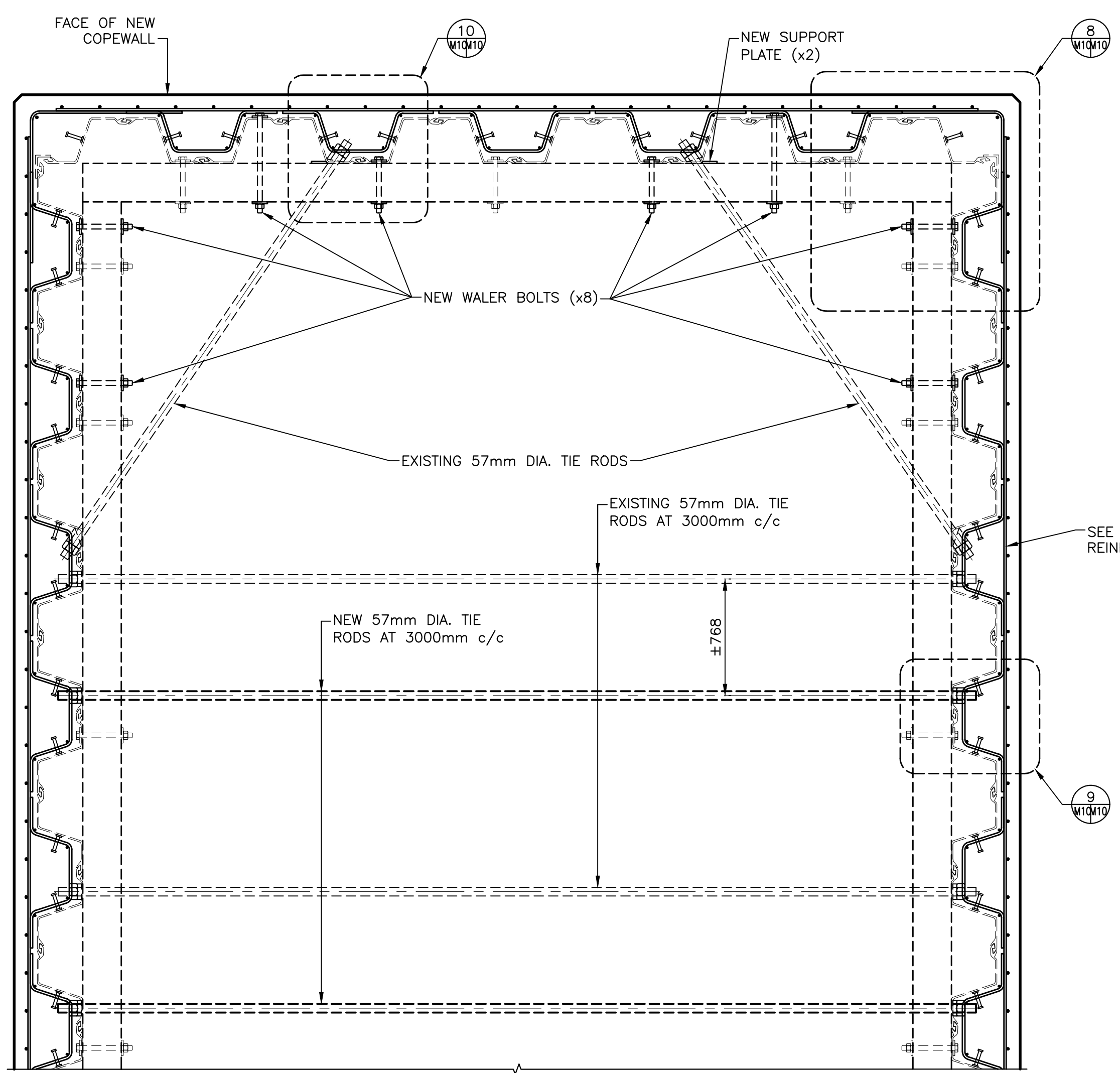
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**SECTIONS THROUGH
 NEW COPEWALL**

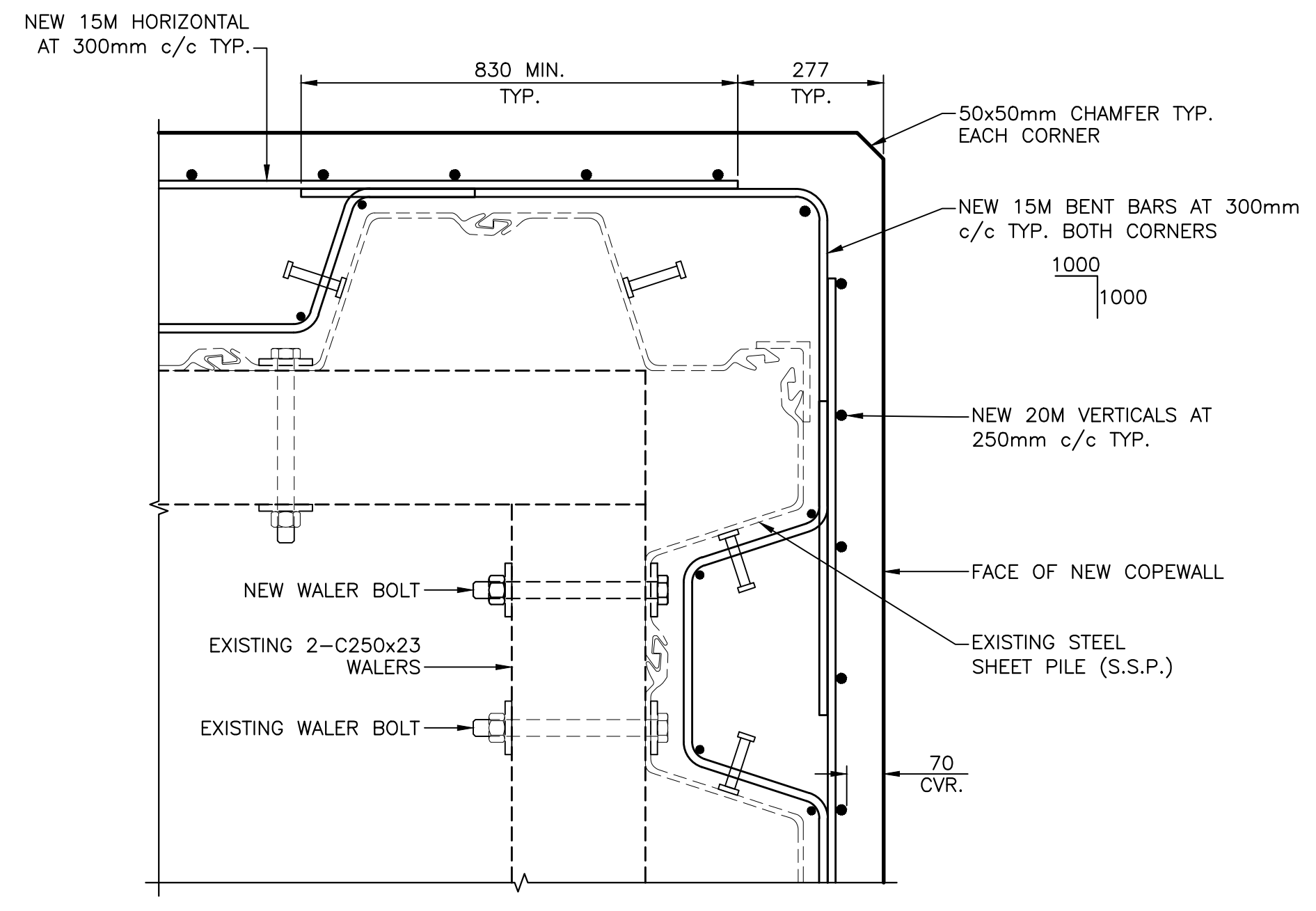
designed S.O'BRIEN	conçu
date MARCH 2020	date
drawn S.GILLIS	dessiné
date MARCH 2020	date
approved G.MacDONALD	approuvé
date JULY 2021	date
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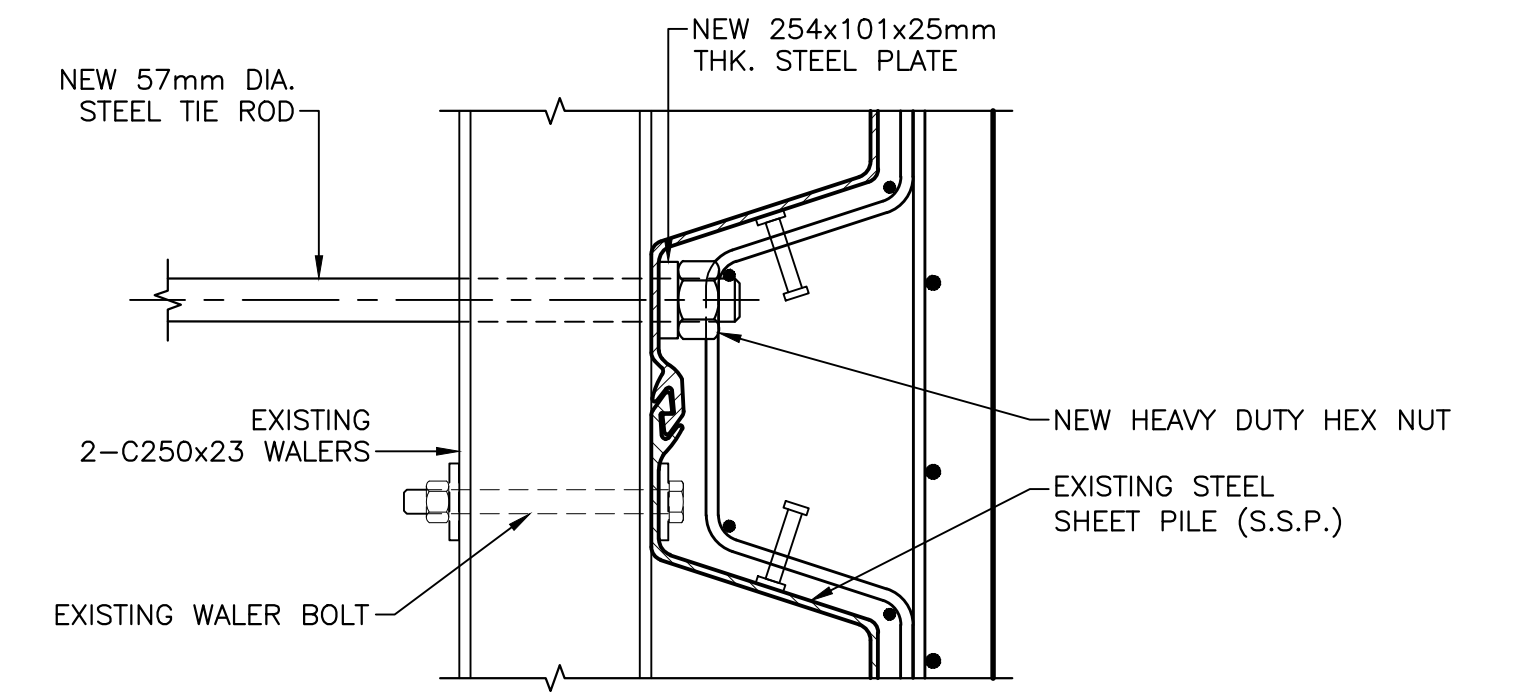


NORTH WALL REINFORCING 7
 SCALE : 1:25

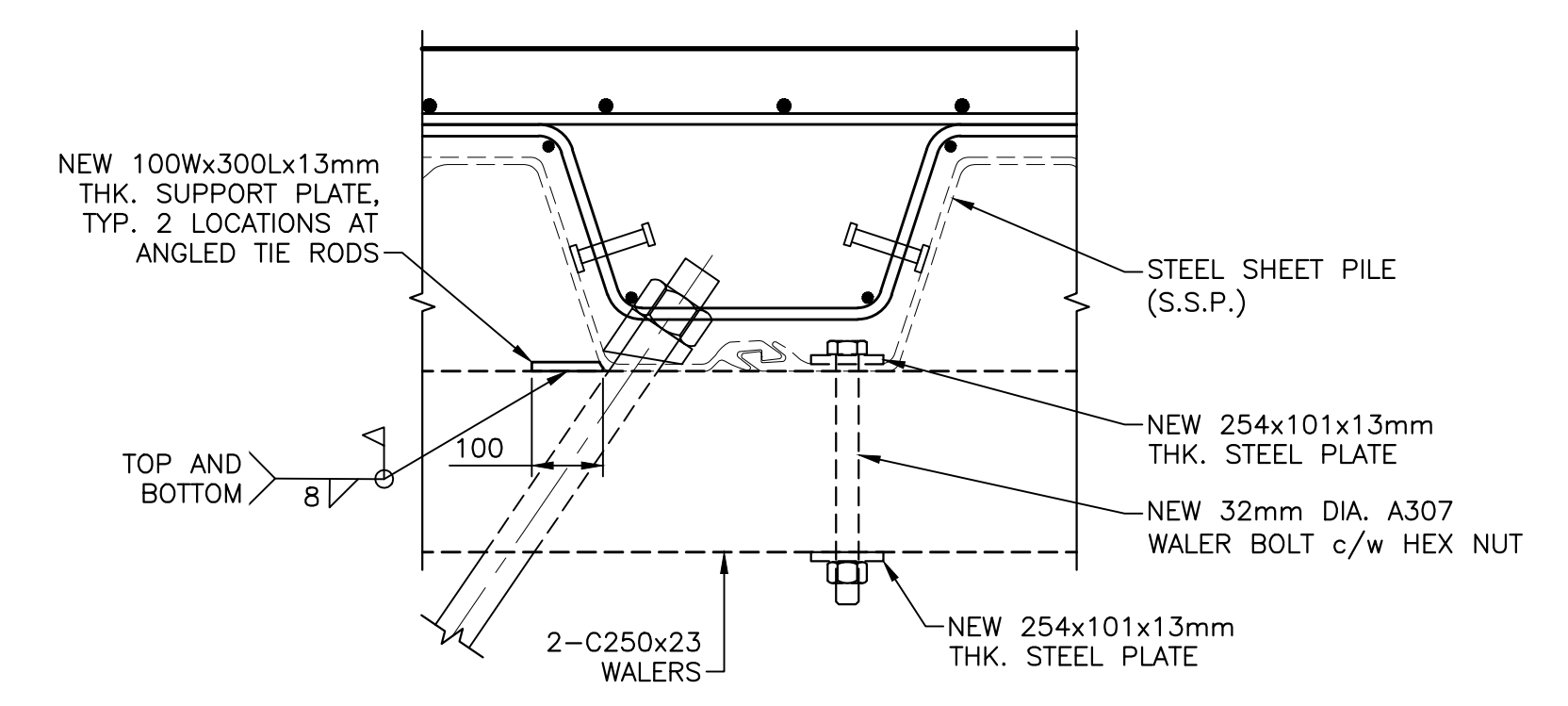
NOTE: CONCRETE DECK, MOORING CLEATS AND WHEEL GUARD NOT SHOWN FOR CLARITY



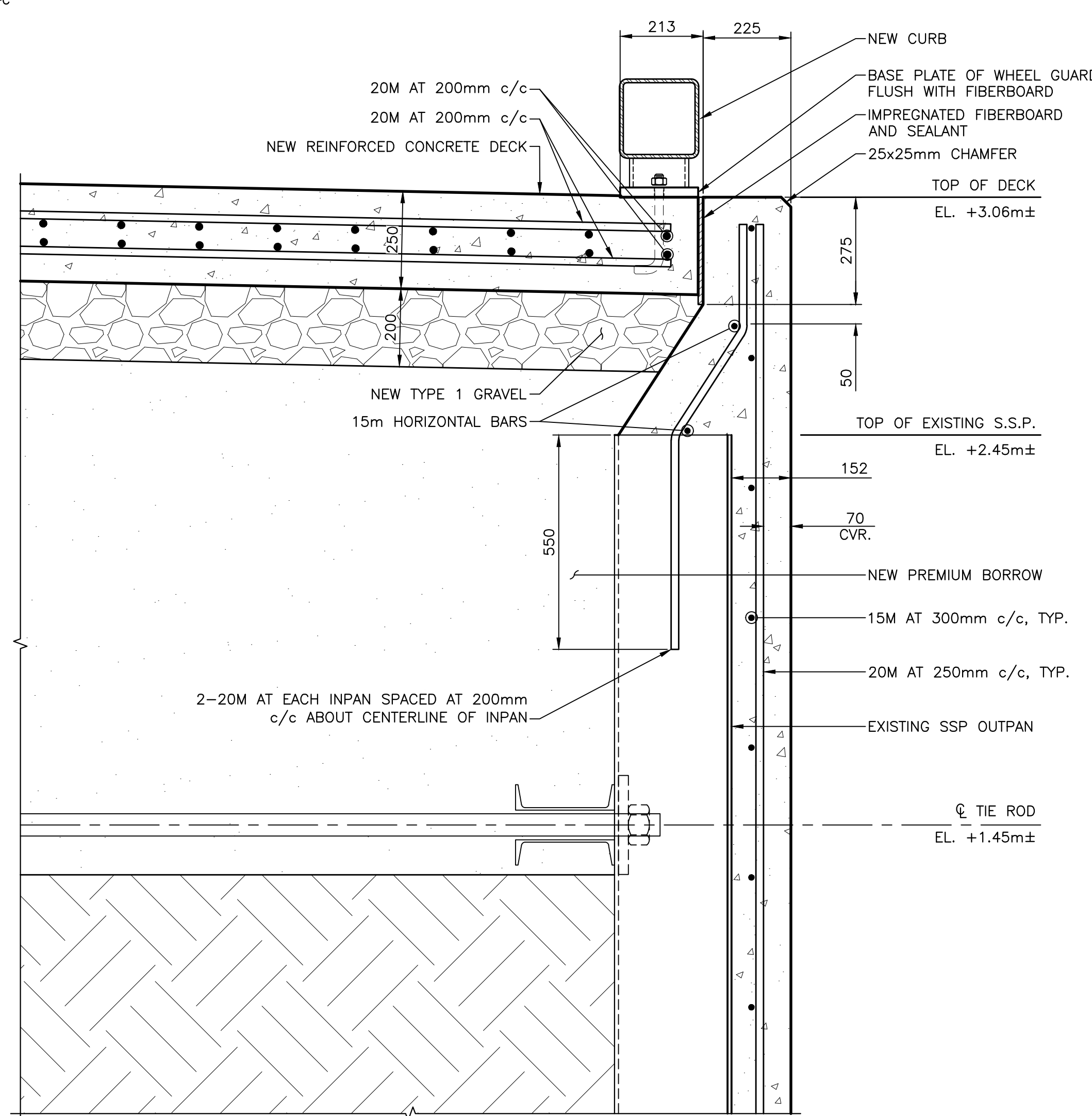
NORTH WALL CORNER DETAIL 8
 SCALE : 1:10



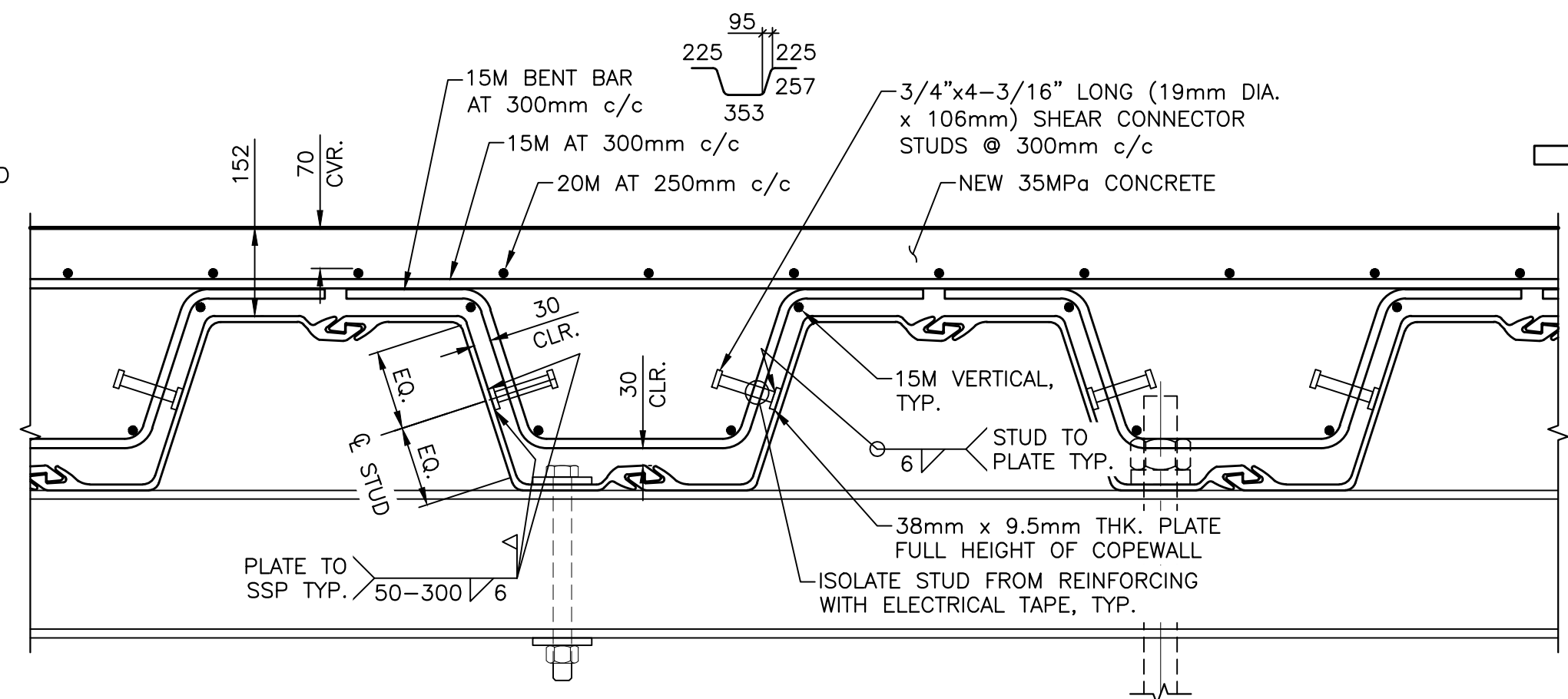
NEW TYPICAL TIE ROD CONNECTION DETAIL 9
 SCALE : 1:10



NEW WALER BOLTS CONNECTION DETAIL 10
 SCALE : 1:10

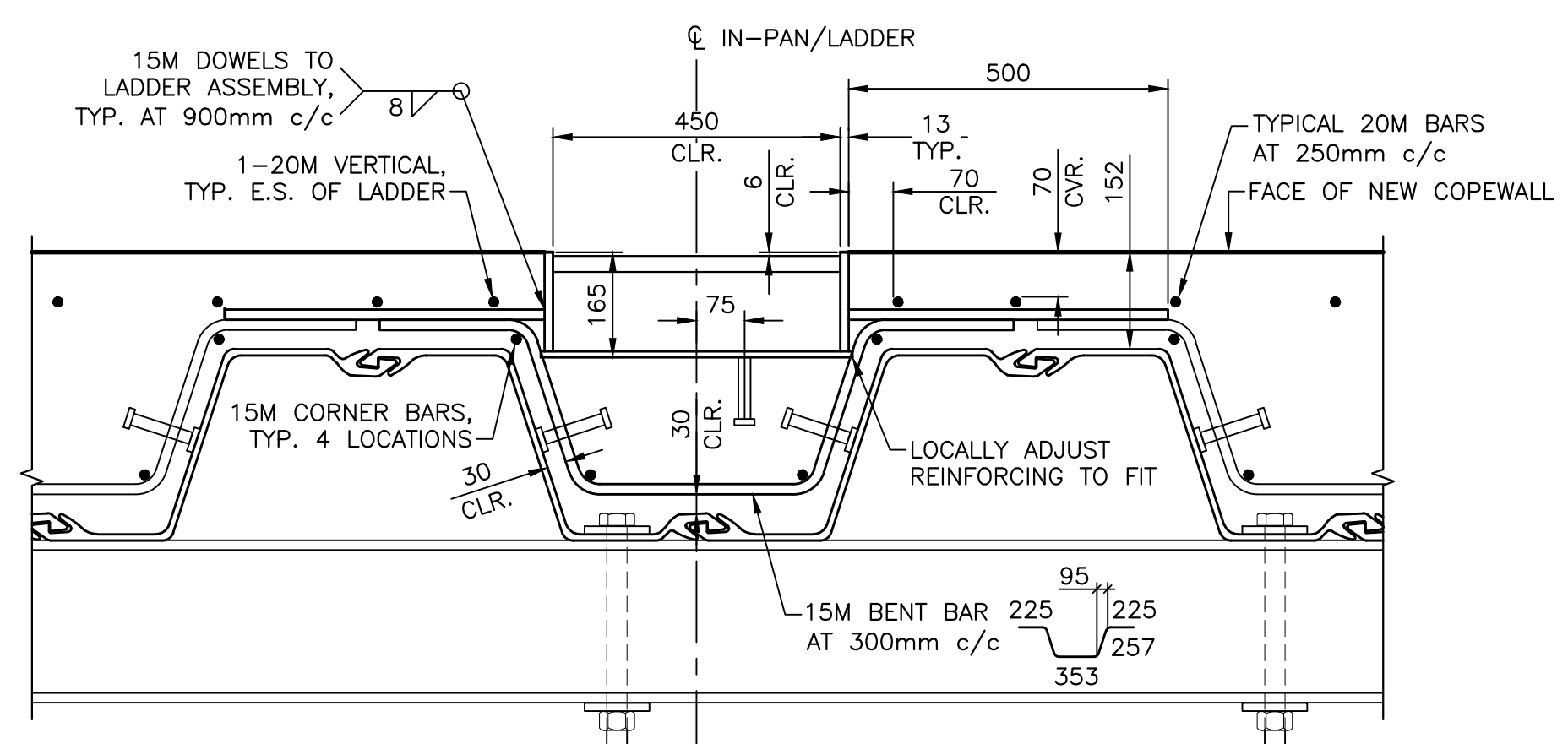


NEW CURB AND DECK DETAIL 11
 SCALE : 1:10

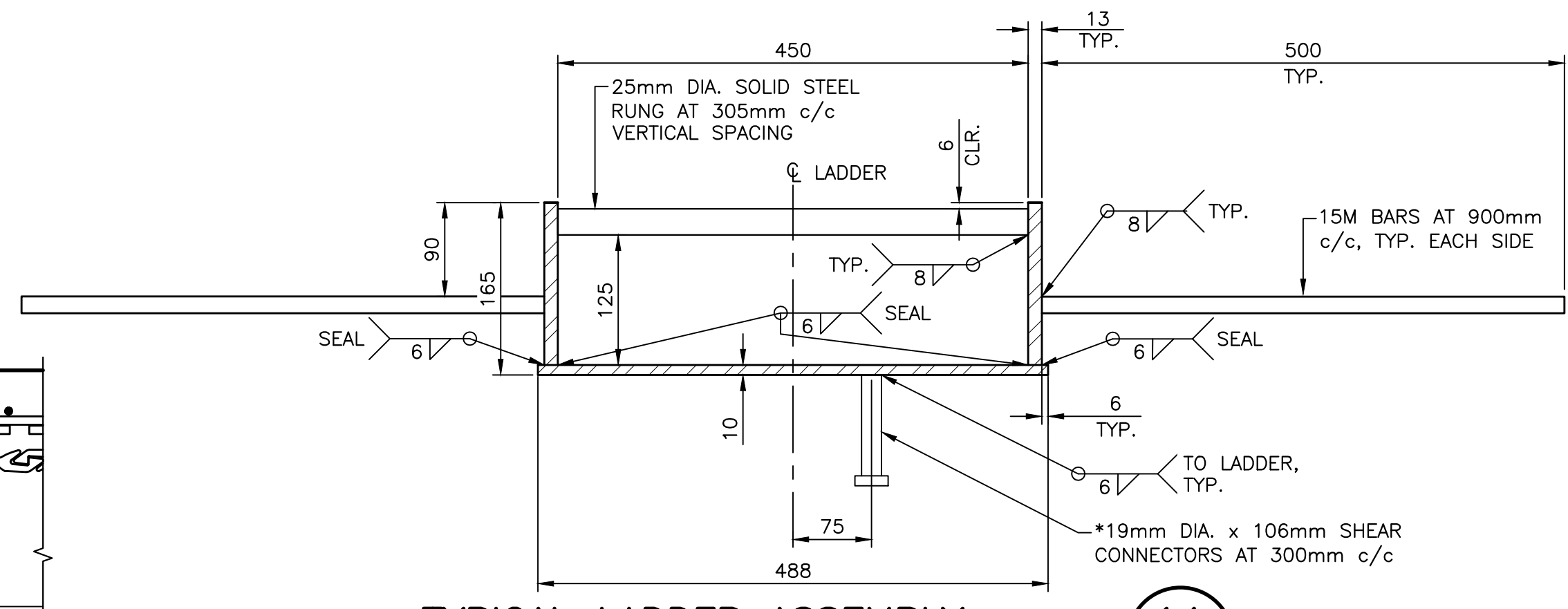


NEW TYPICAL COPEWALL REINFORCING 12
 SCALE : 1:10

NOTE: TYPICAL REINFORCING AT EVERY IN-PAN

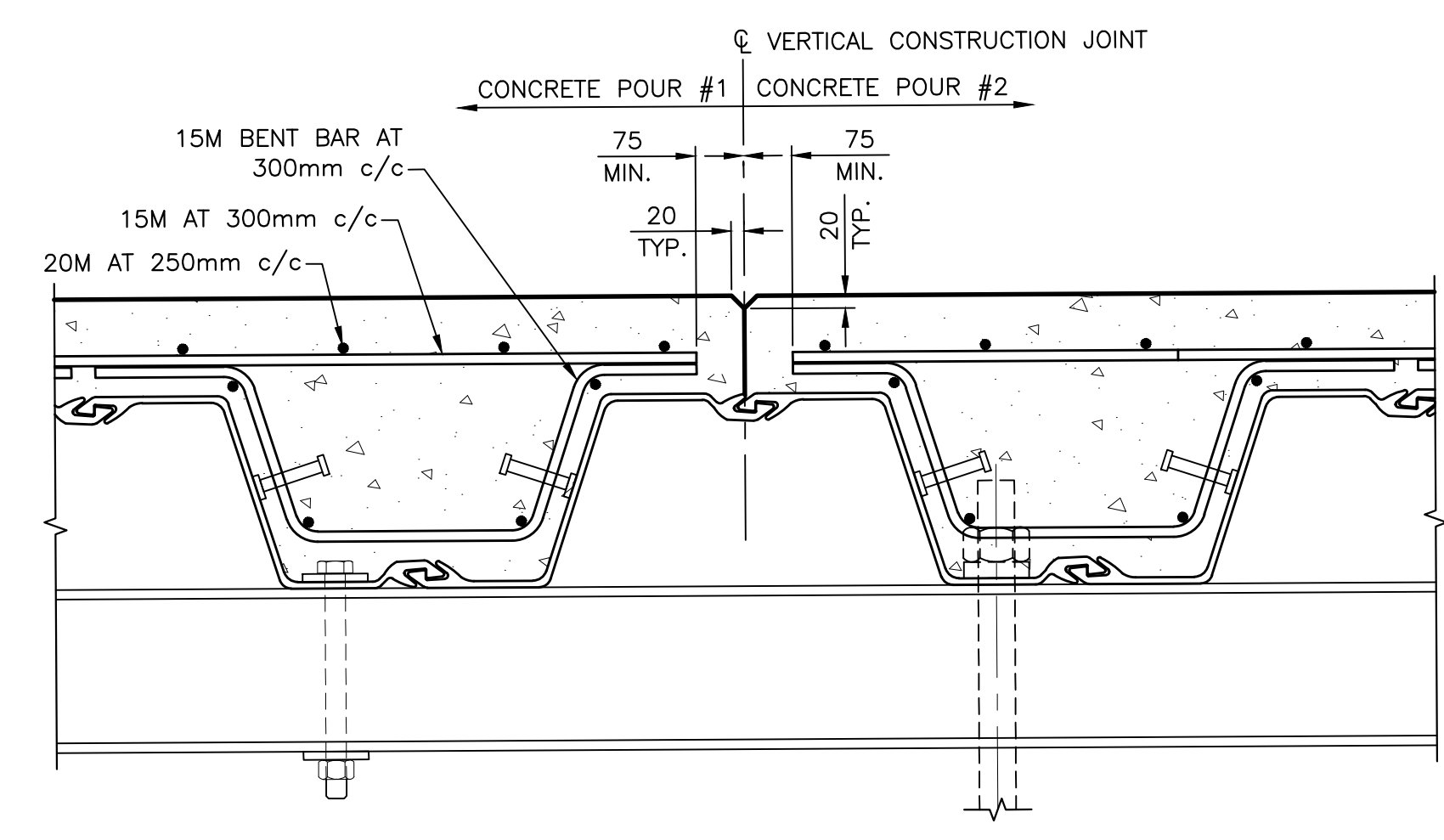


NEW LADDER REINFORCING SECTION 13
 SCALE : 1:10



TYPICAL LADDER ASSEMBLY 14
 SCALE : 1:5

NOTE:
 • FIRST STUD LOCATED 100mm ABOVE TOP OF EXISTING SSP.
 • FABRICATED LADDER ASSEMBLY TO BE HOT DIPPED GALVANIZED.



VERTICAL CONSTRUCTION JOINT DETAIL 15
 SCALE : 1:10

NOTE: POUR COPEWALL IN CHECKERBOARD PATTERN WITH FULL HEIGHT POURS

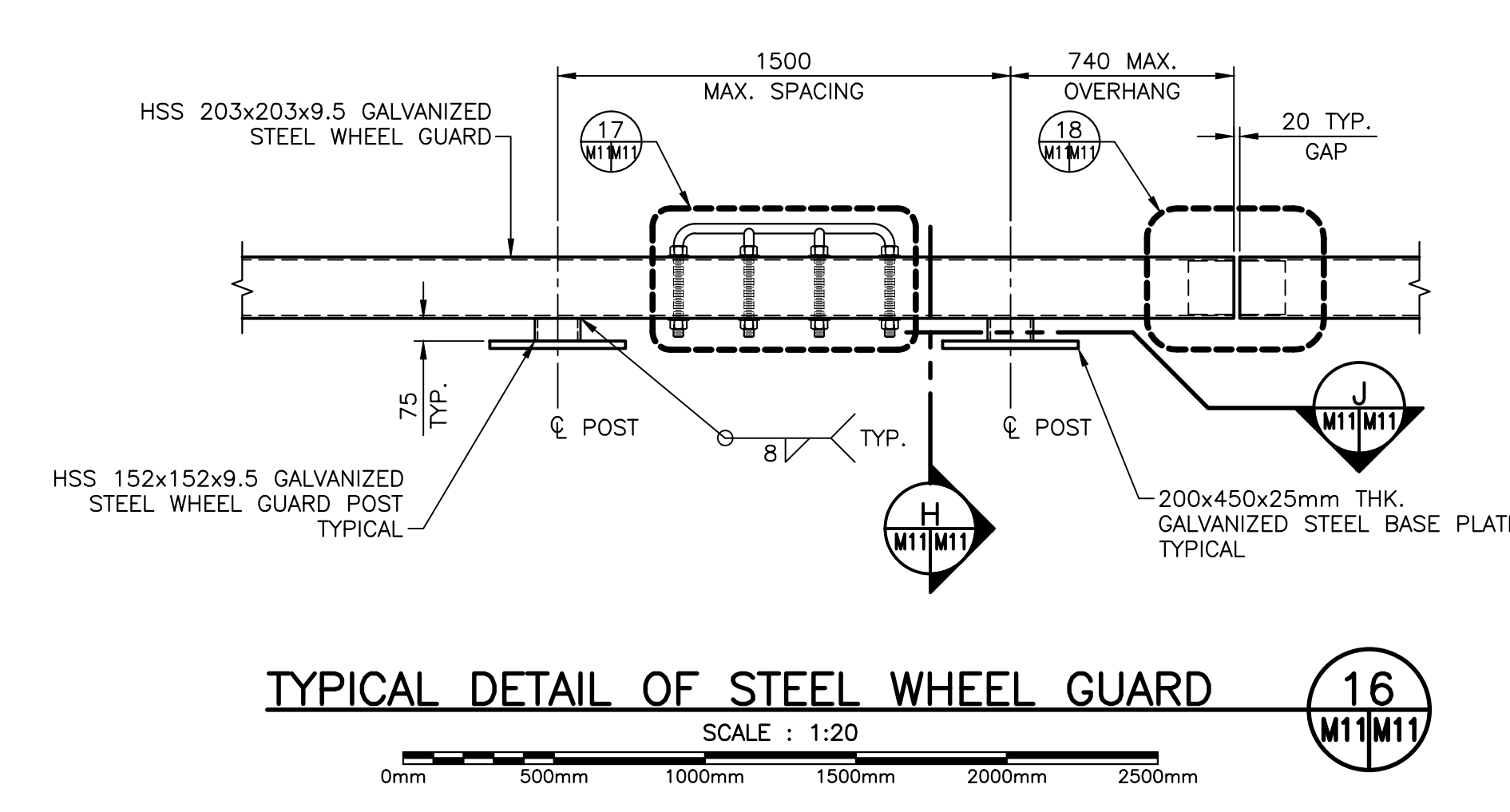


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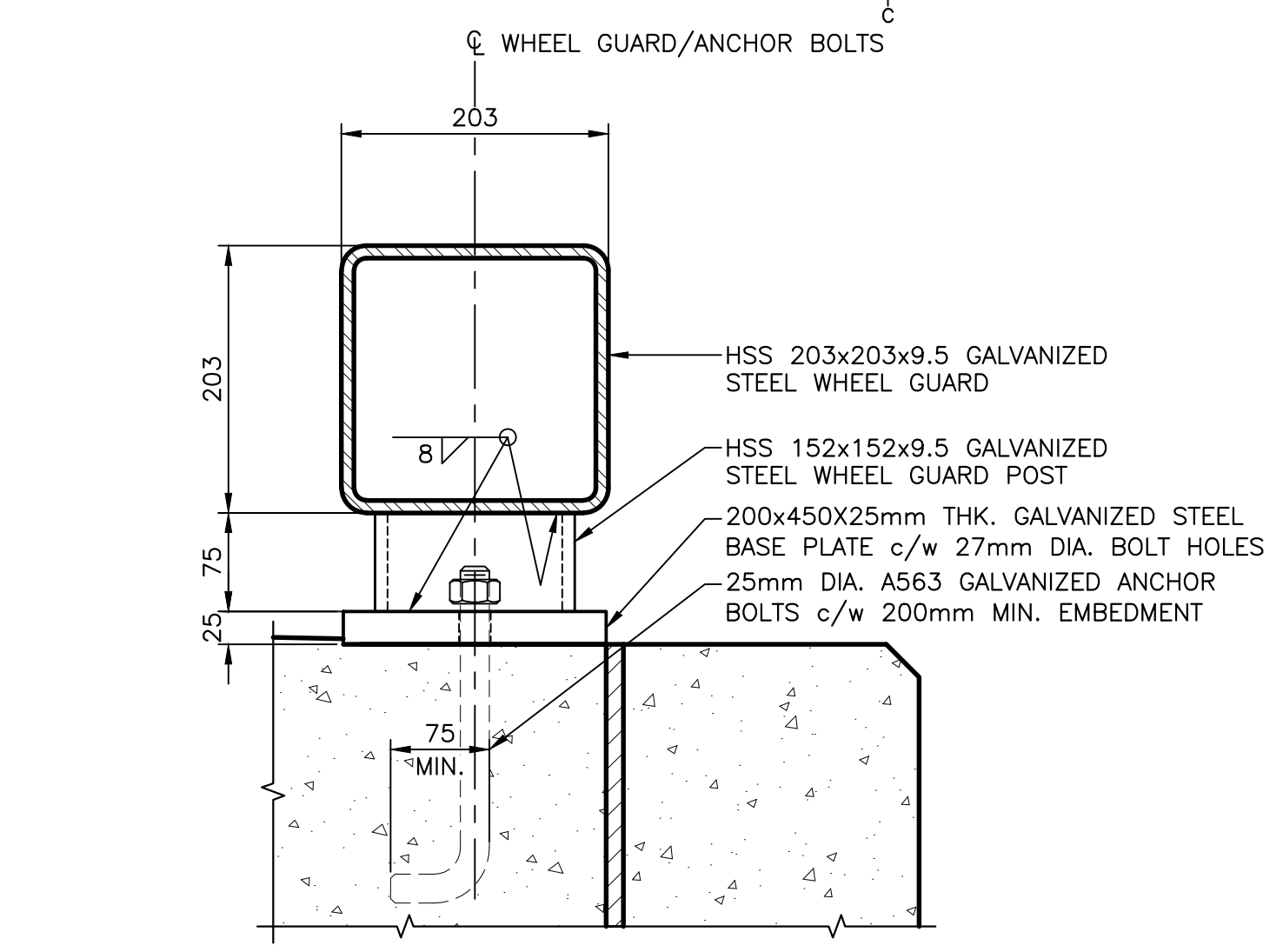
STRUCTURE #401 REHABILITATION SKINNERS POND PRINCE COUNTY, PE

NEW SECTIONS AND DETAILS #1

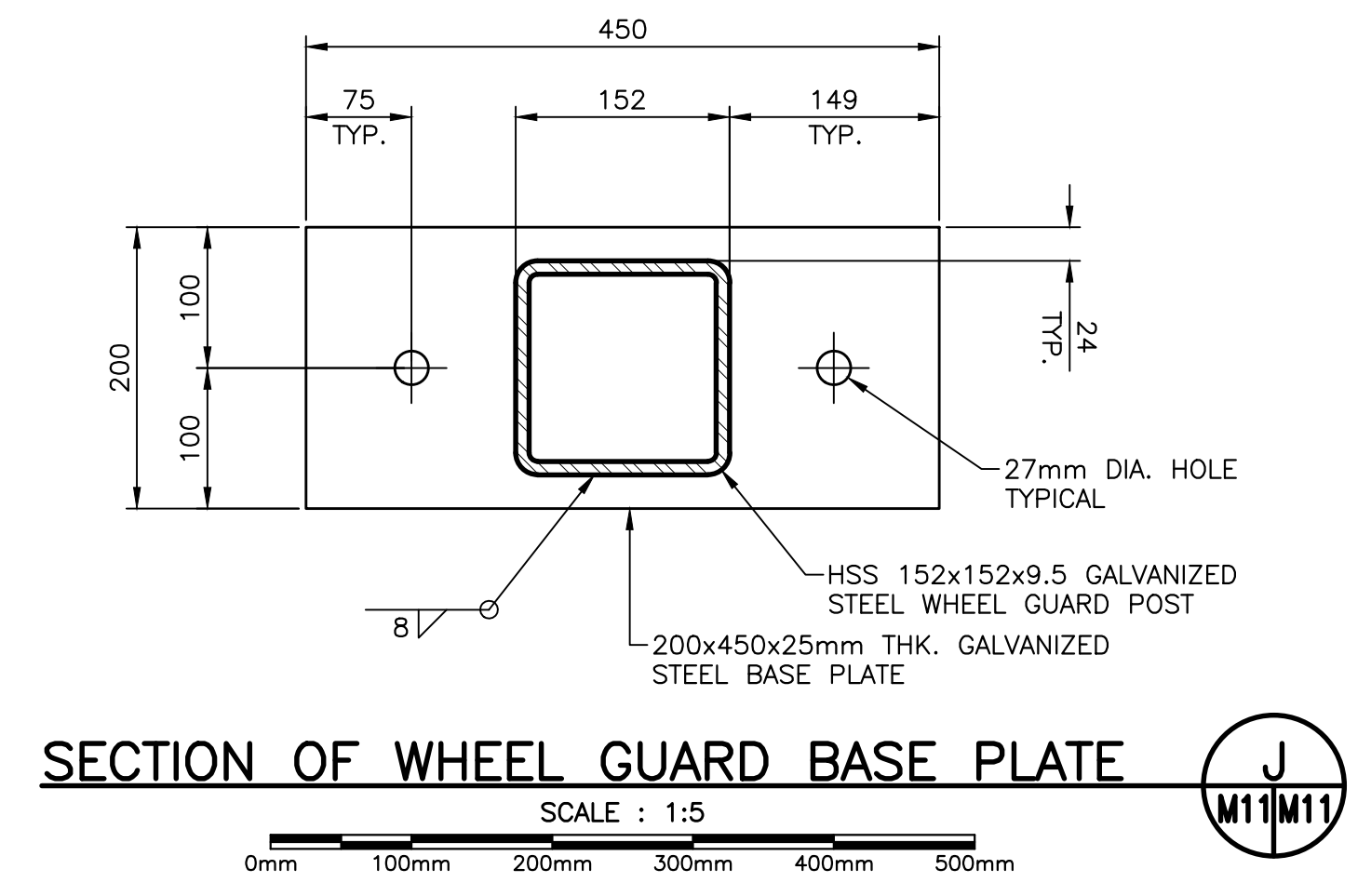
designed S.O'BRIEN	conçu
date MARCH 2020	
drawn S.GILLIS	dessiné
date MARCH 2020	
approved G.MacDONALD	approuvé
date JULY 2021	
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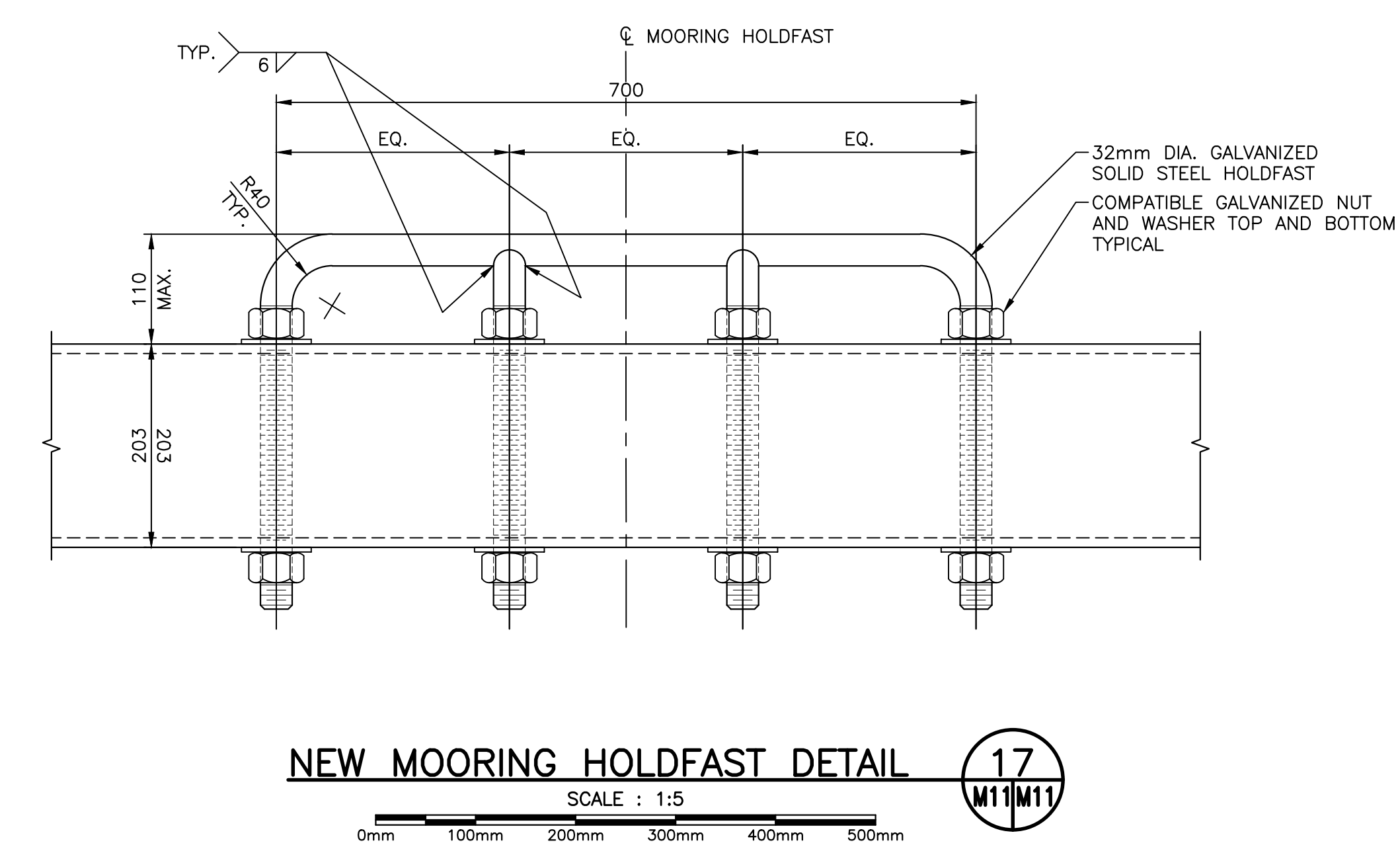
TYPICAL DETAIL OF STEEL WHEEL GUARD (16)
SCALE : 1:20
NOTE: MAXIMUM ASSEMBLY LENGTH = 5.990m.



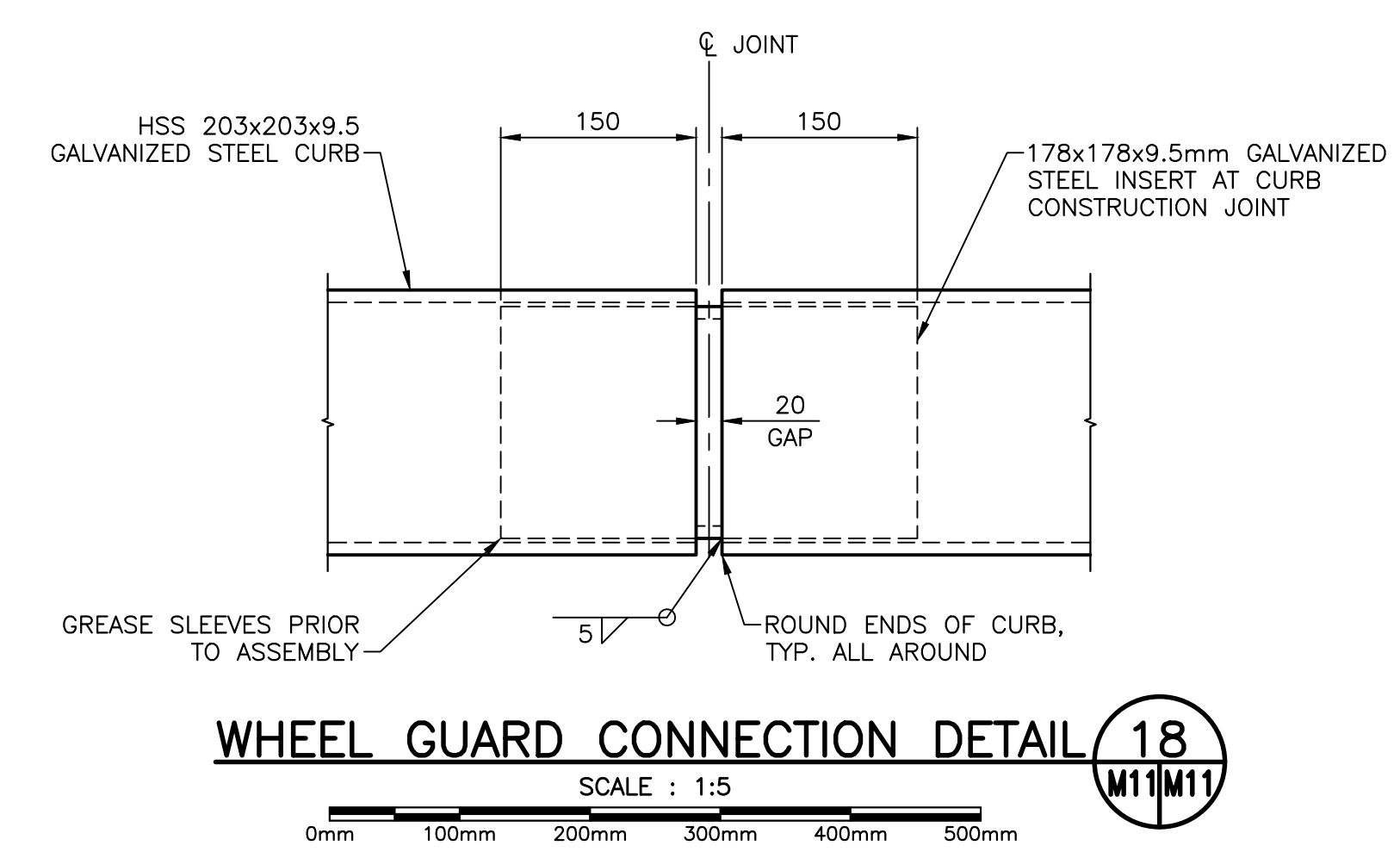
TYPICAL WHEEL GUARD SECTION (H)
SCALE : 1:5



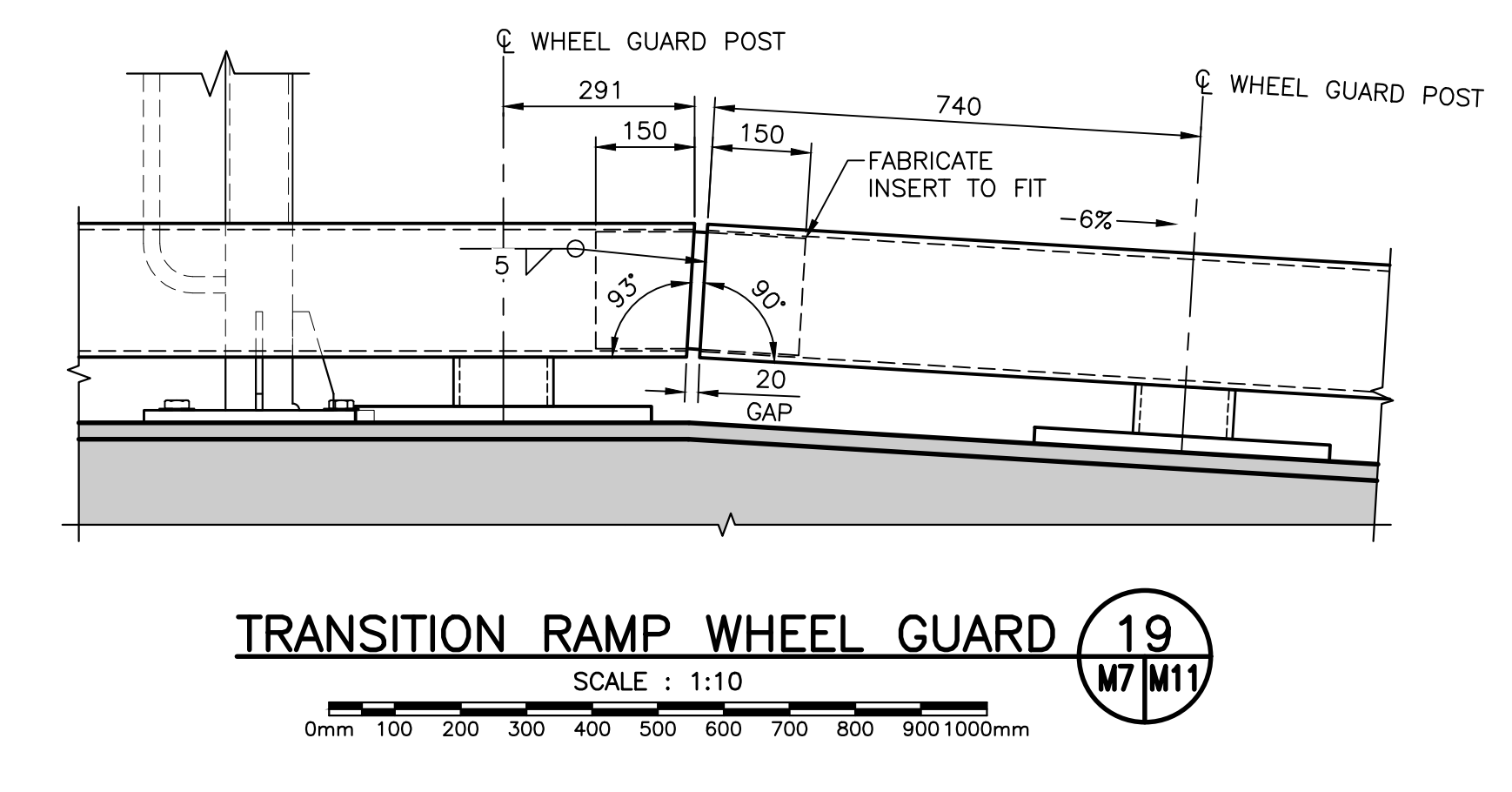
SECTION OF WHEEL GUARD BASE PLATE (J)
SCALE : 1:5



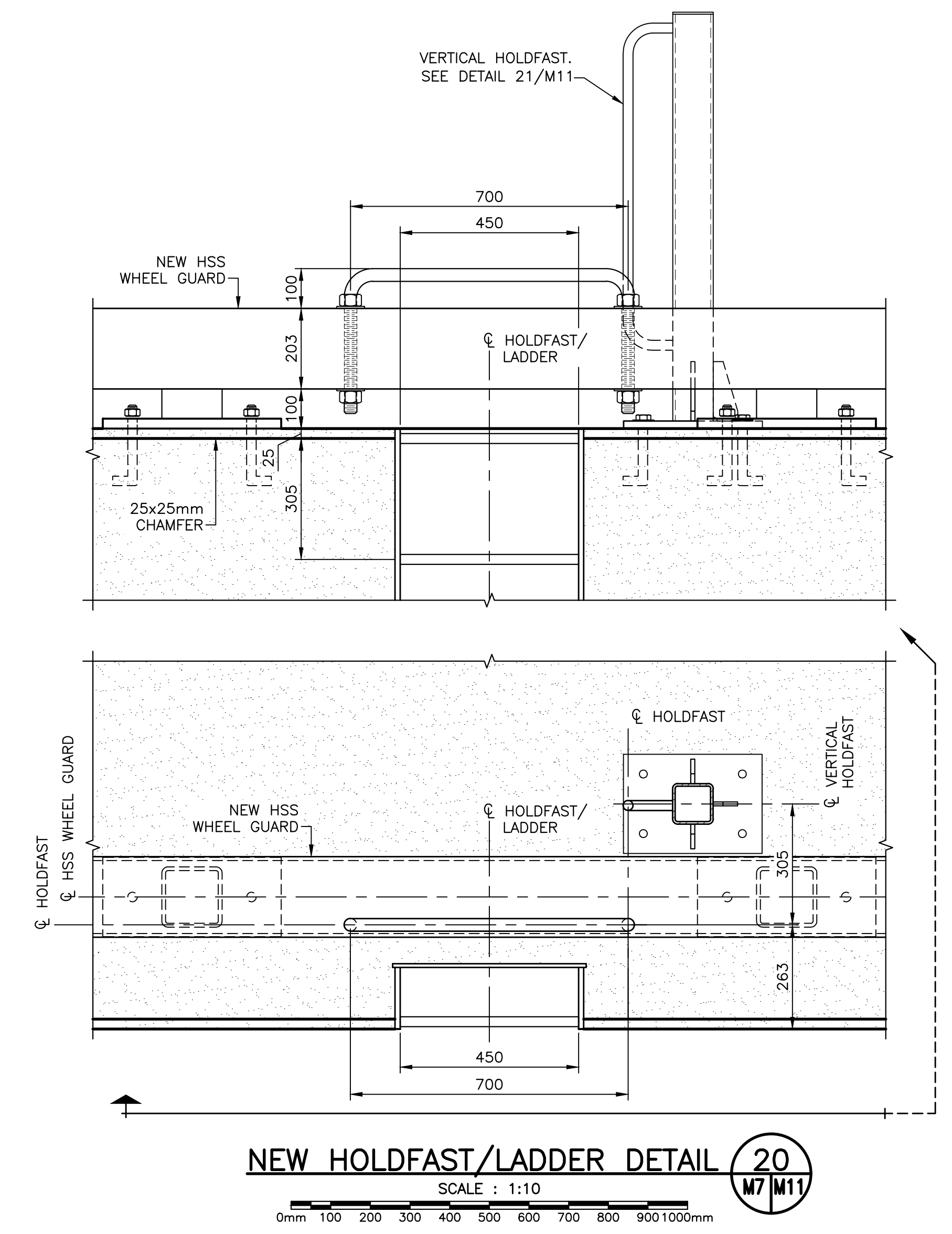
NEW MOORING HOLDFAST DETAIL (17)
SCALE : 1:5



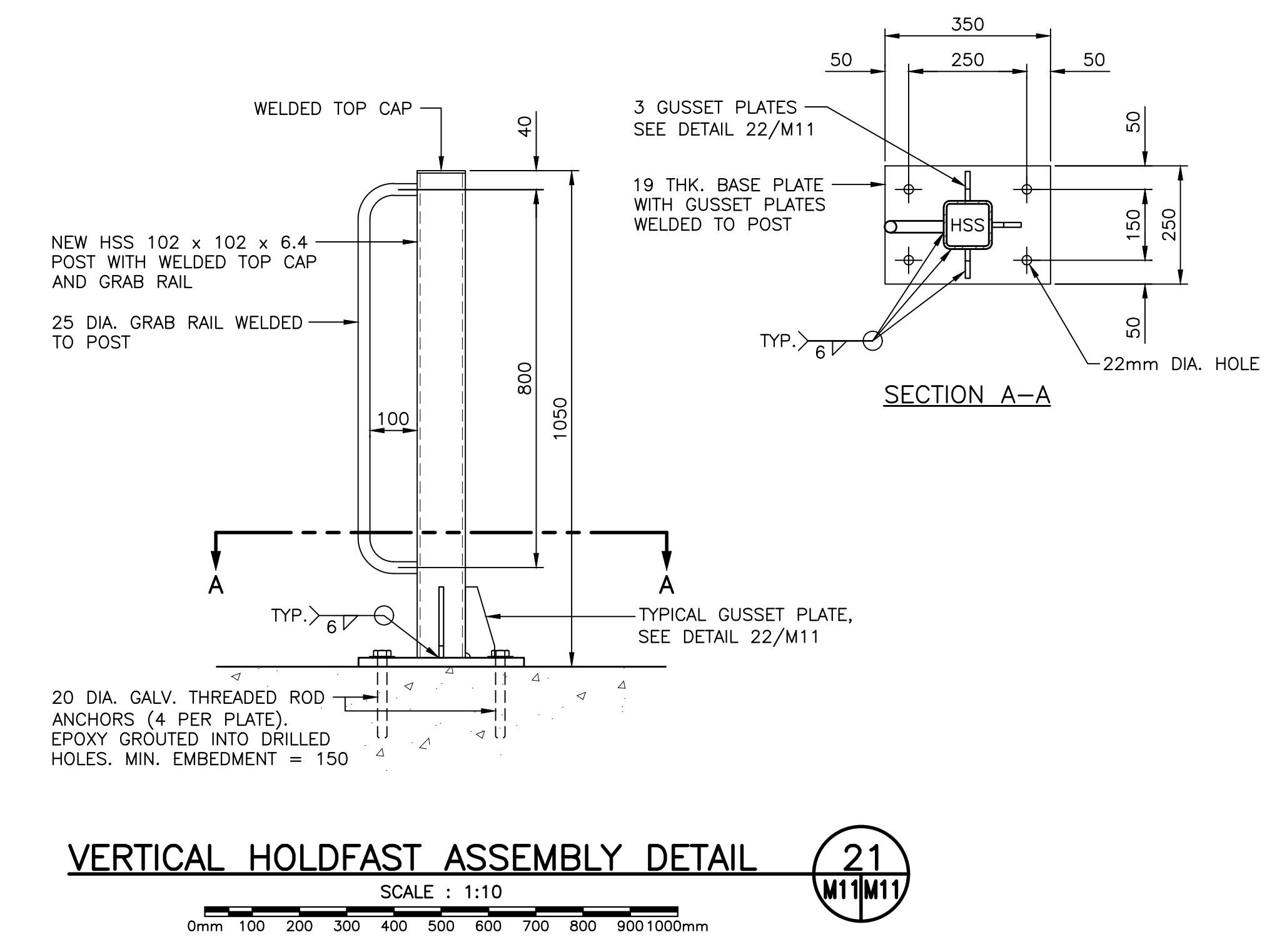
WHEEL GUARD CONNECTION DETAIL (18)
SCALE : 1:5



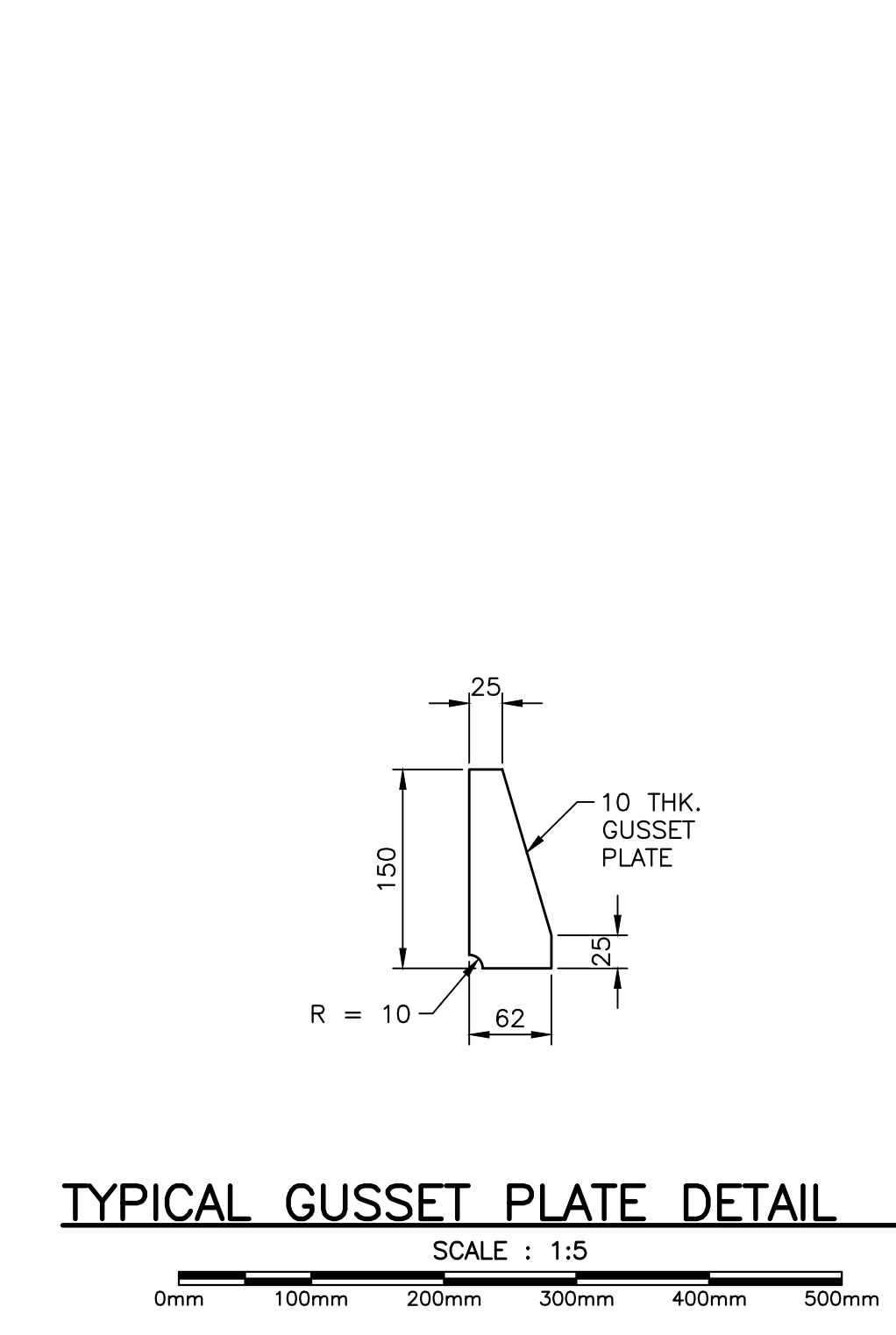
TRANSITION RAMP WHEEL GUARD (19)
SCALE : 1:10



NEW HOLDFAST/LADDER DETAIL (20)
SCALE : 1:10



VERTICAL HOLDFAST ASSEMBLY DETAIL (21)
SCALE : 1:10



TYPICAL GUSSET PLATE DETAIL (22)
SCALE : 1:5

VERTICAL HOLDFAST NOTES:
FABRICATE VERTICAL HOLDFAST ASSEMBLIES AS COMPLETE UNITS PRIOR TO GALVANIZING.
DRILL VENT HOLES AS REQUIRED FOR GALVANIZING PROCESS IN AS INCONSPICUOUS LOCATIONS AS POSSIBLE (IE. $\frac{1}{4}$ s BASE PLATE). SHOW THESE LOCATIONS ON THE SHOP DRAWINGS.
HOT-DIP GALVANIZE ASSEMBLIES AFTER FABRICATION. FABRICATING ASSEMBLIES FROM GALVANIZED COMPONENTS IS NOT PERMITTED.
TOUCH-UP DAMAGED COATING WITH ZINC-RICH COLD GALVANIZING COMPOUND.

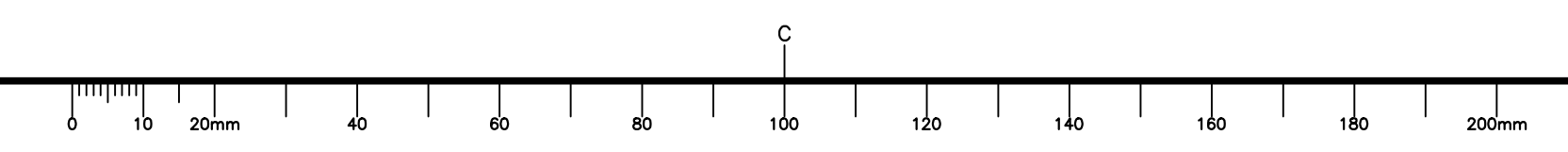


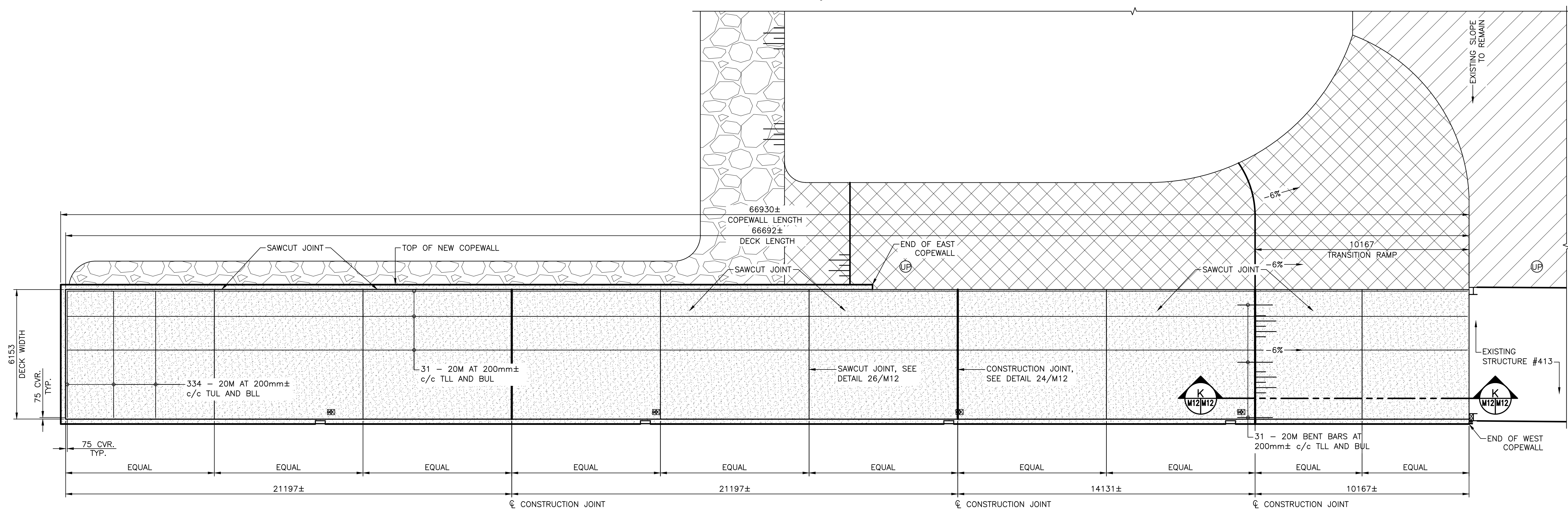
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PRINCE COUNTY, PE**

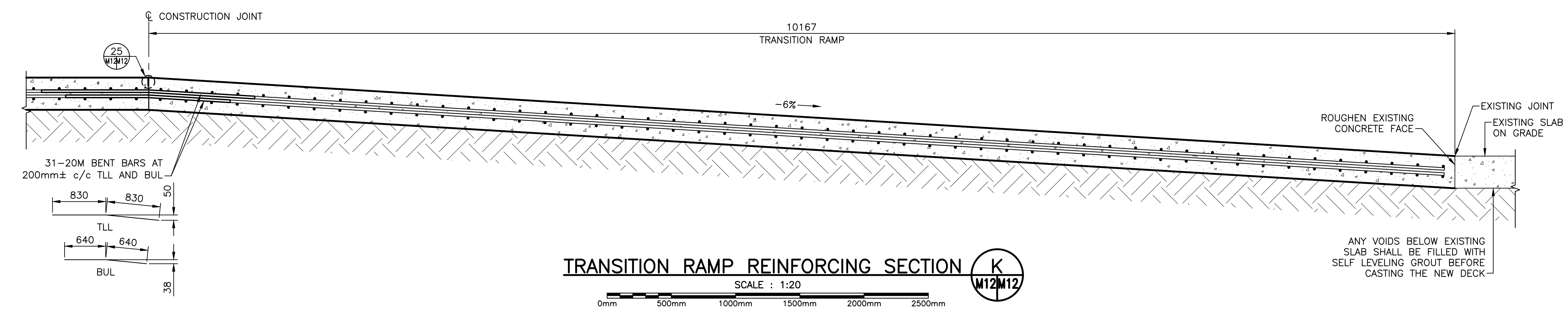
**NEW SECTIONS
AND DETAILS #2**

designed S.O'BRIEN	conçu
date MARCH 2020	
drawn S.GILLIS	dessiné
date MARCH 2020	
approved G.MacDONALD	approuvé
date JULY 2021	
Tender	Soumission
Project Manager	Administrateur de projets
project number	no. du projet
drawing no.	no. du dessin

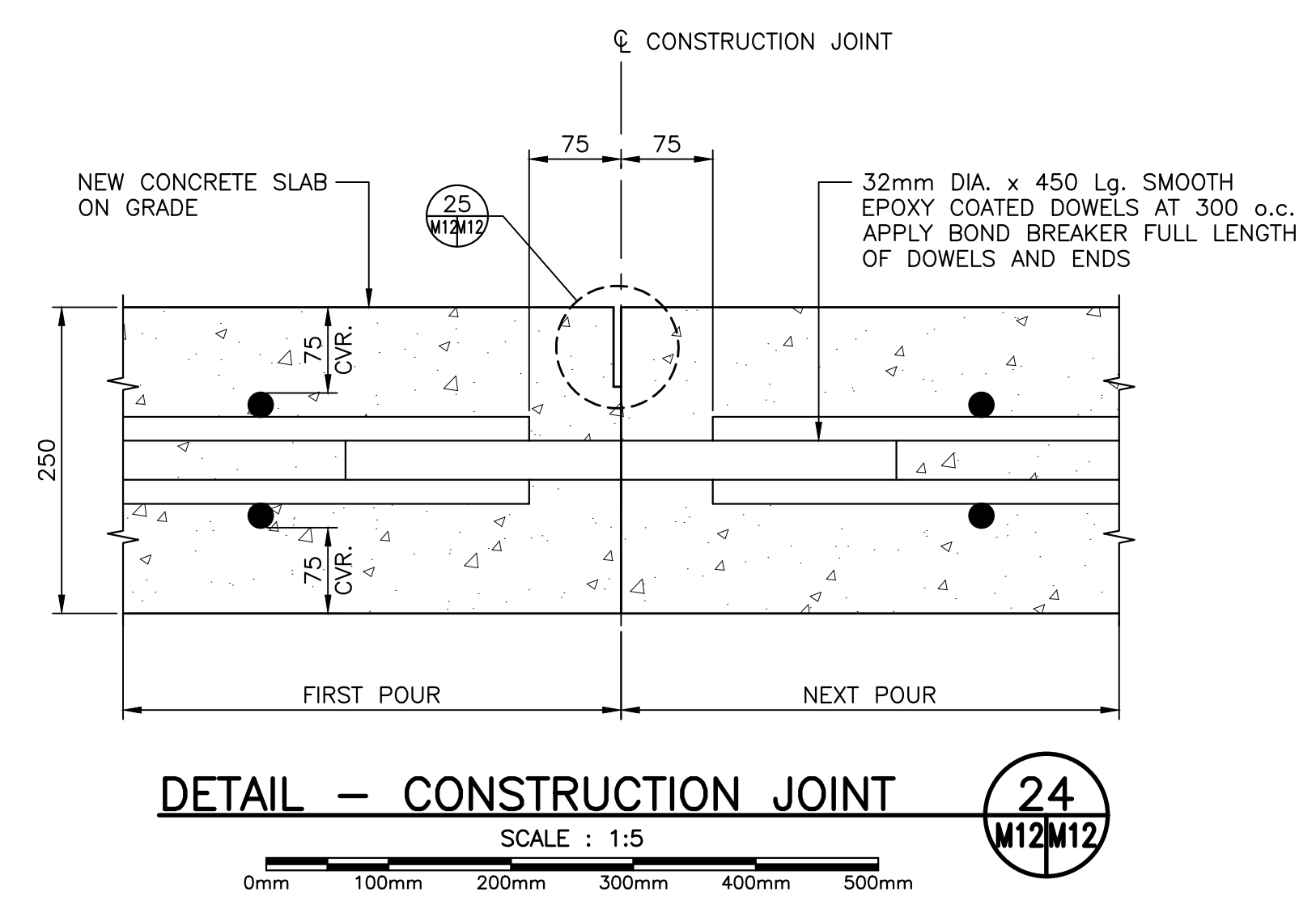




PLAN DETAIL DECK REINFORCING (23)
SCALE : 1:100
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m

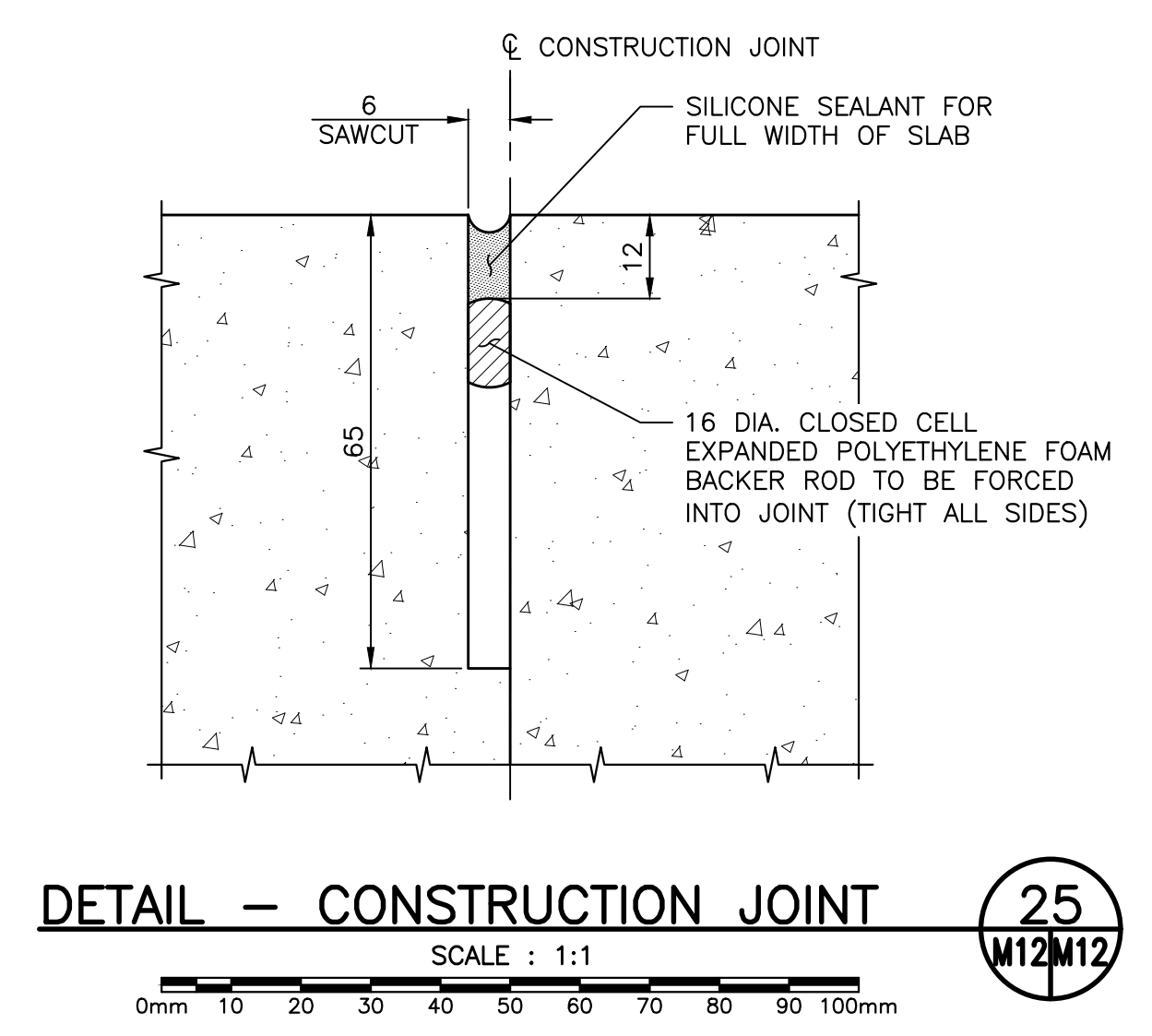


TRANSITION RAMP REINFORCING SECTION (K)
SCALE : 1:20
0mm 500mm 1000mm 1500mm 2000mm 2500mm

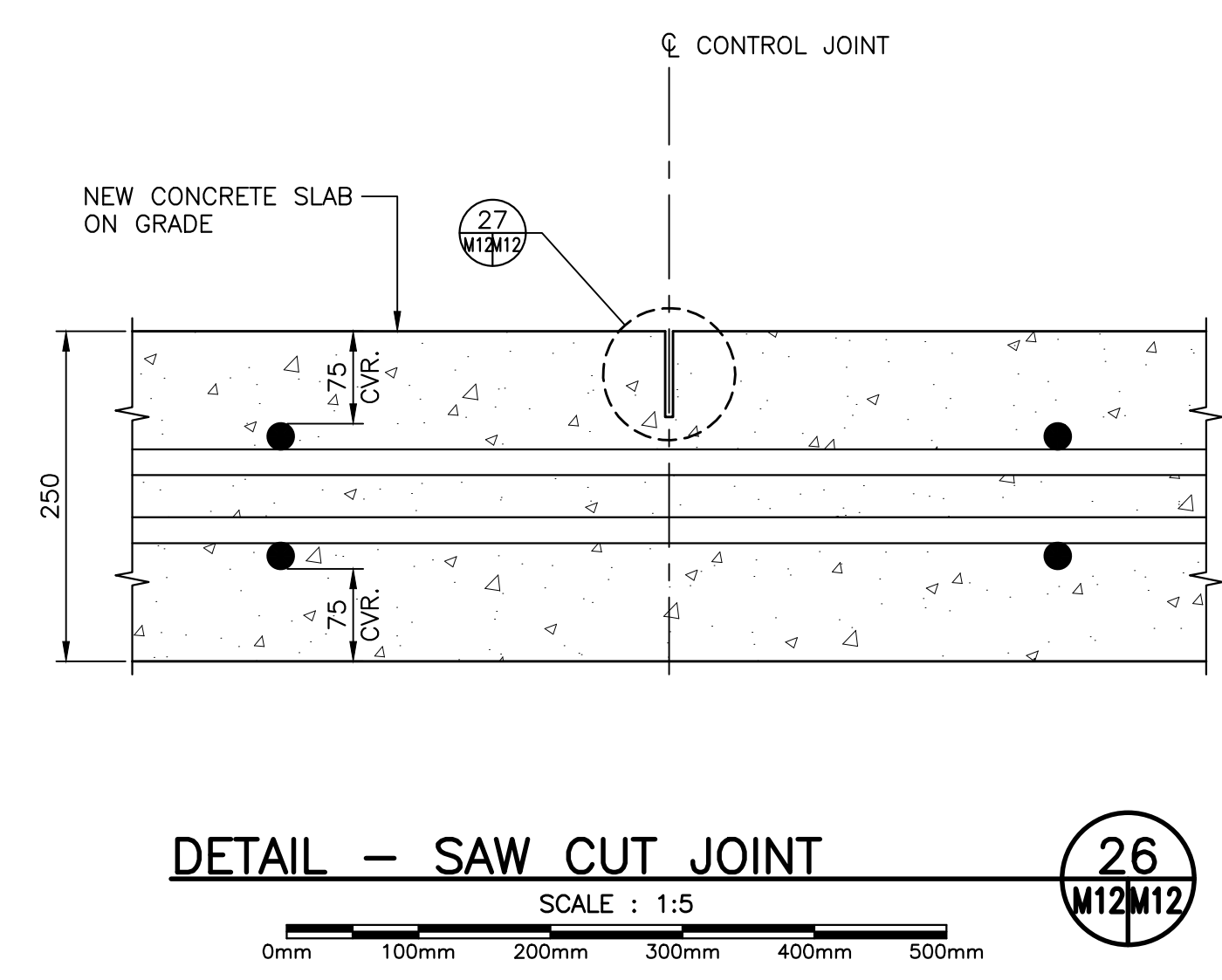


DETAIL - CONSTRUCTION JOINT (24)
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm

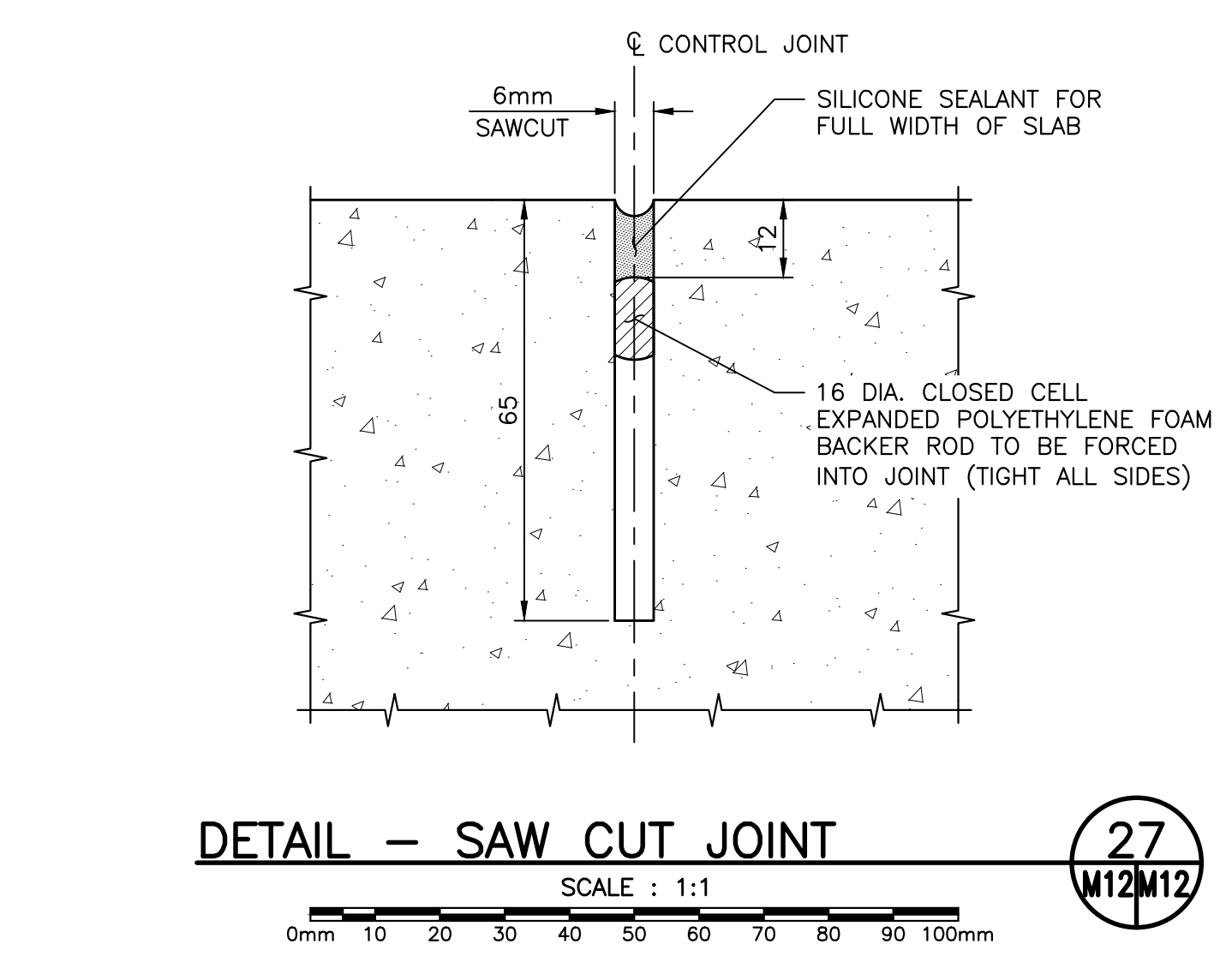
NOTE: NOT APPLICABLE AT TRANSITION TO SLOPING DECK



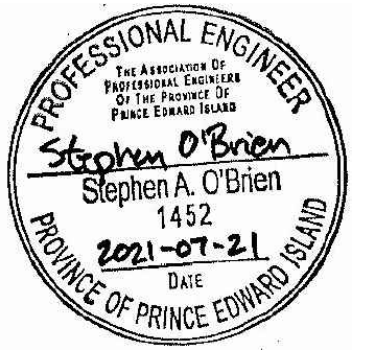
DETAIL - CONSTRUCTION JOINT (25)
SCALE : 1:1
0mm 10 20 30 40 50 60 70 80 90 100mm



DETAIL - SAW CUT JOINT (26)
SCALE : 1:5
0mm 100mm 200mm 300mm 400mm 500mm



DETAIL - SAW CUT JOINT (27)
SCALE : 1:1
0mm 10 20 30 40 50 60 70 80 90 100mm



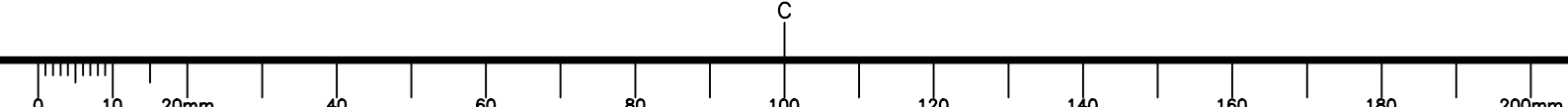
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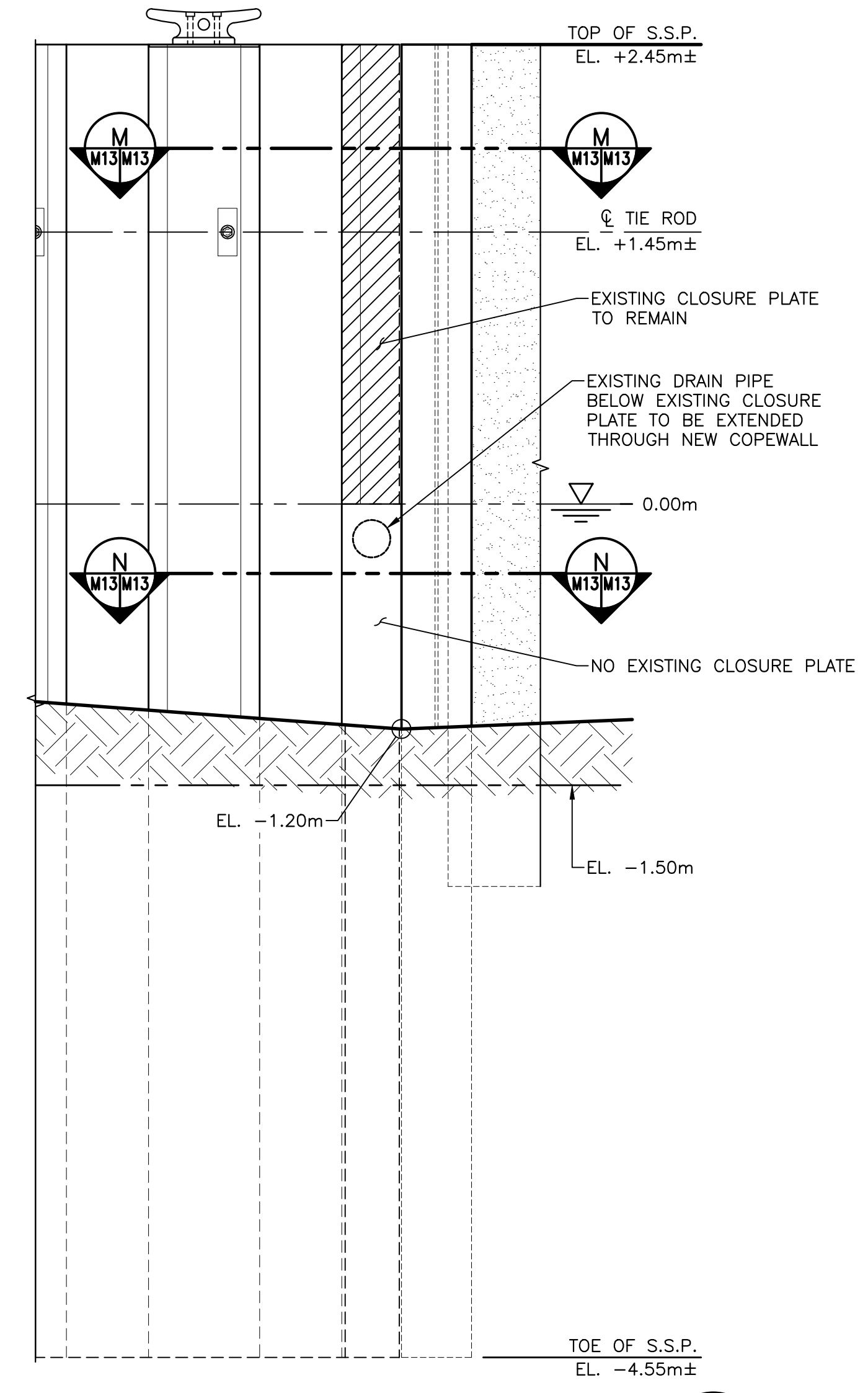
project project
**STRUCTURE #401
REHABILITATION
SKINNERS POND
PRINCE COUNTY, PE**

drawing dessin
**NEW DECK REINFORCING
PLAN, SECTION
AND DETAILS**

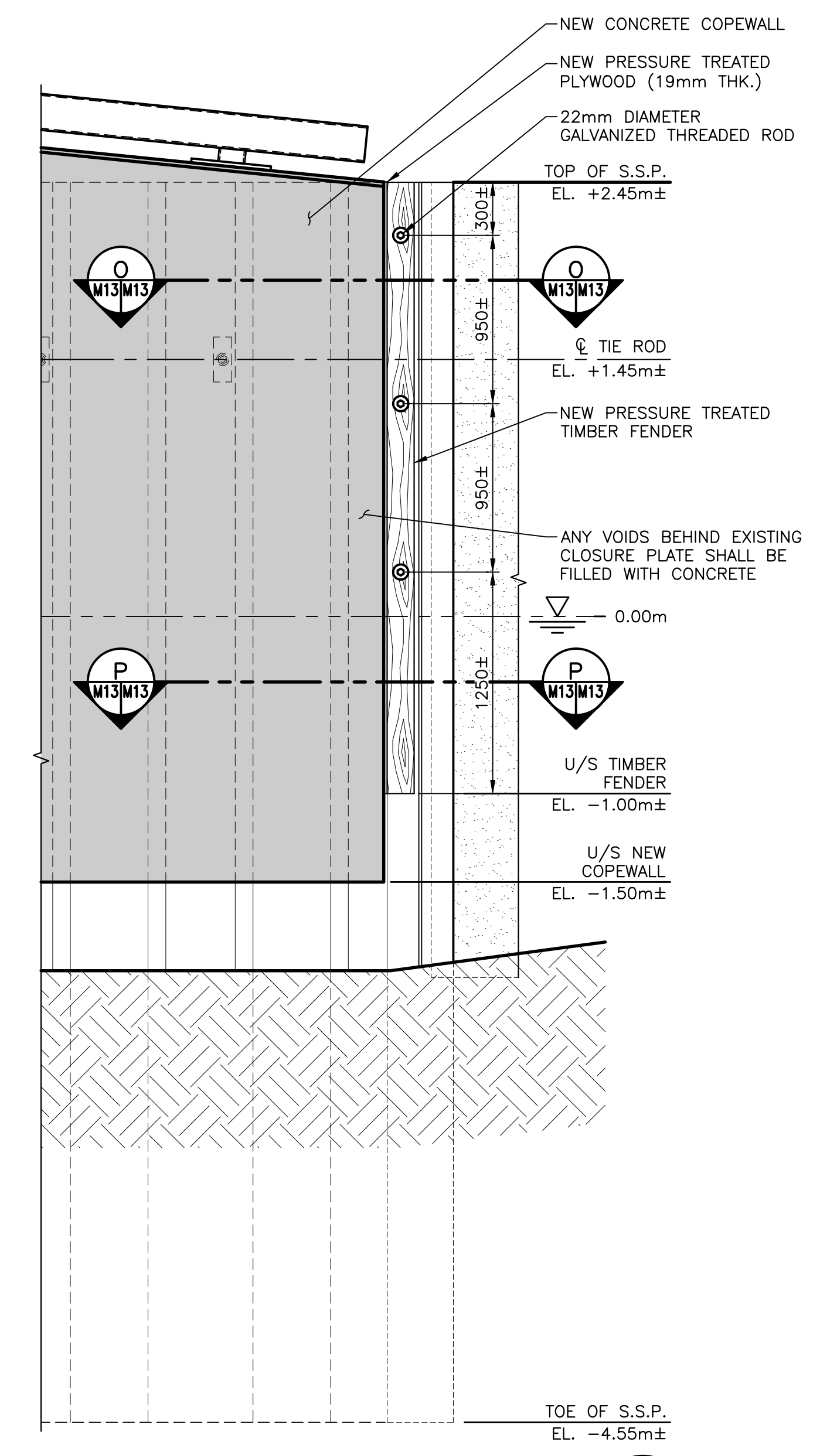
designed S.O'BRIEN	conçu
date MARCH 2020	
drawn S.GILLIS	dessiné
date MARCH 2020	
approved G.MacDONALD	approuvé
date JULY 2021	
Tender	Soumission
Project Manager	Administrateur de projets
project number	no. du projet

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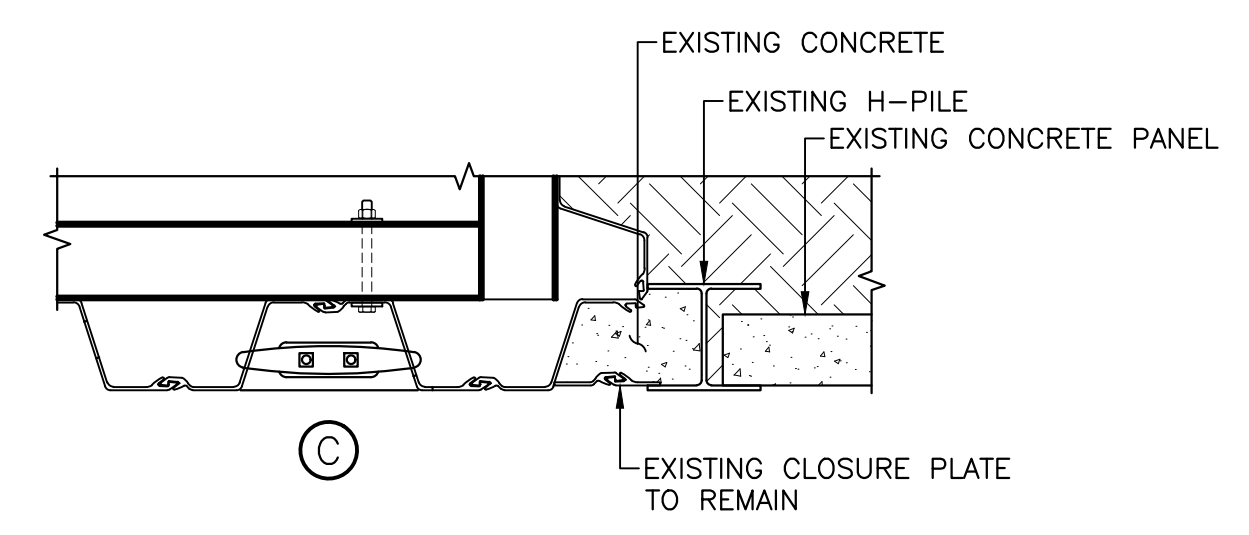




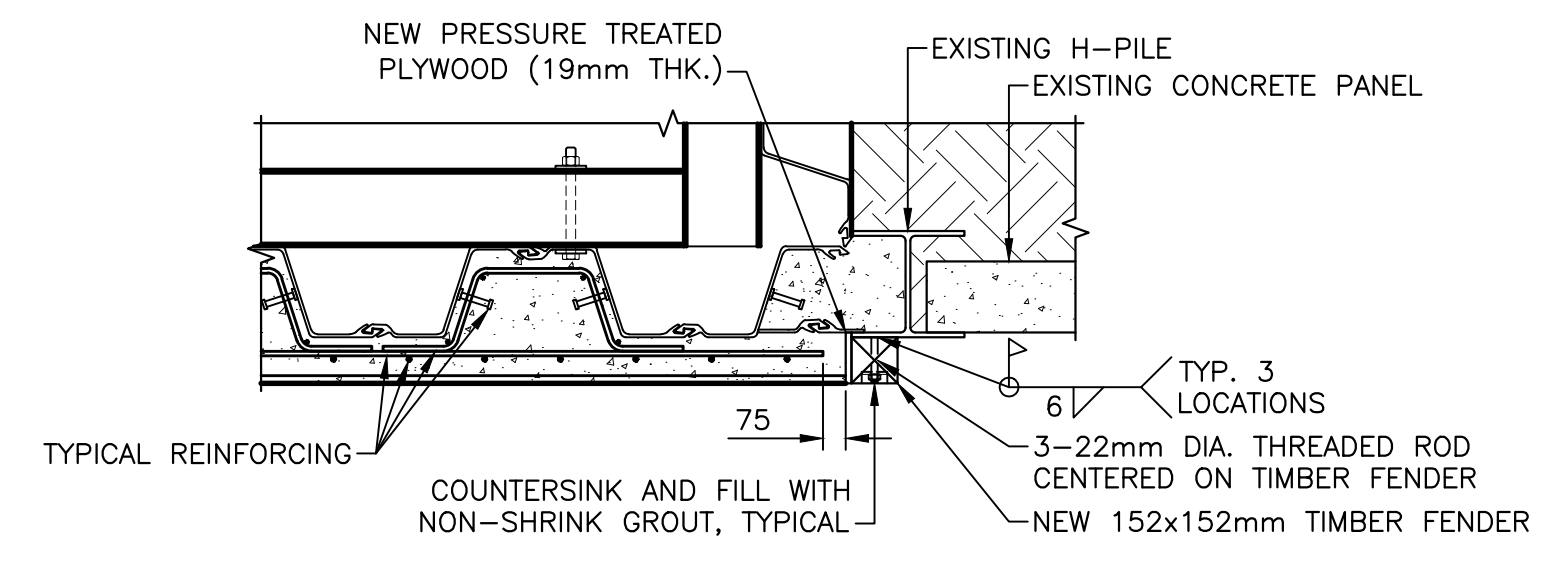
EXISTING SOUTH WEST CORNER DETAIL (28)
 SCALE : 1:25
 0mm 500mm 1000mm 1500mm 2000mm 2500mm



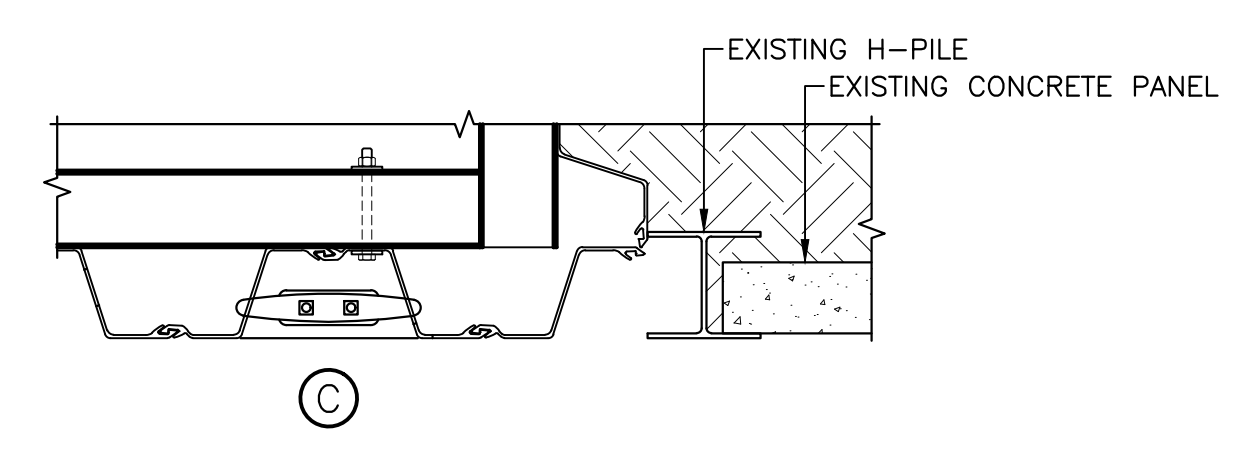
NEW SOUTH WEST CORNER DETAIL (29)
 SCALE : 1:25
 0mm 500mm 1000mm 1500mm 2000mm 2500mm



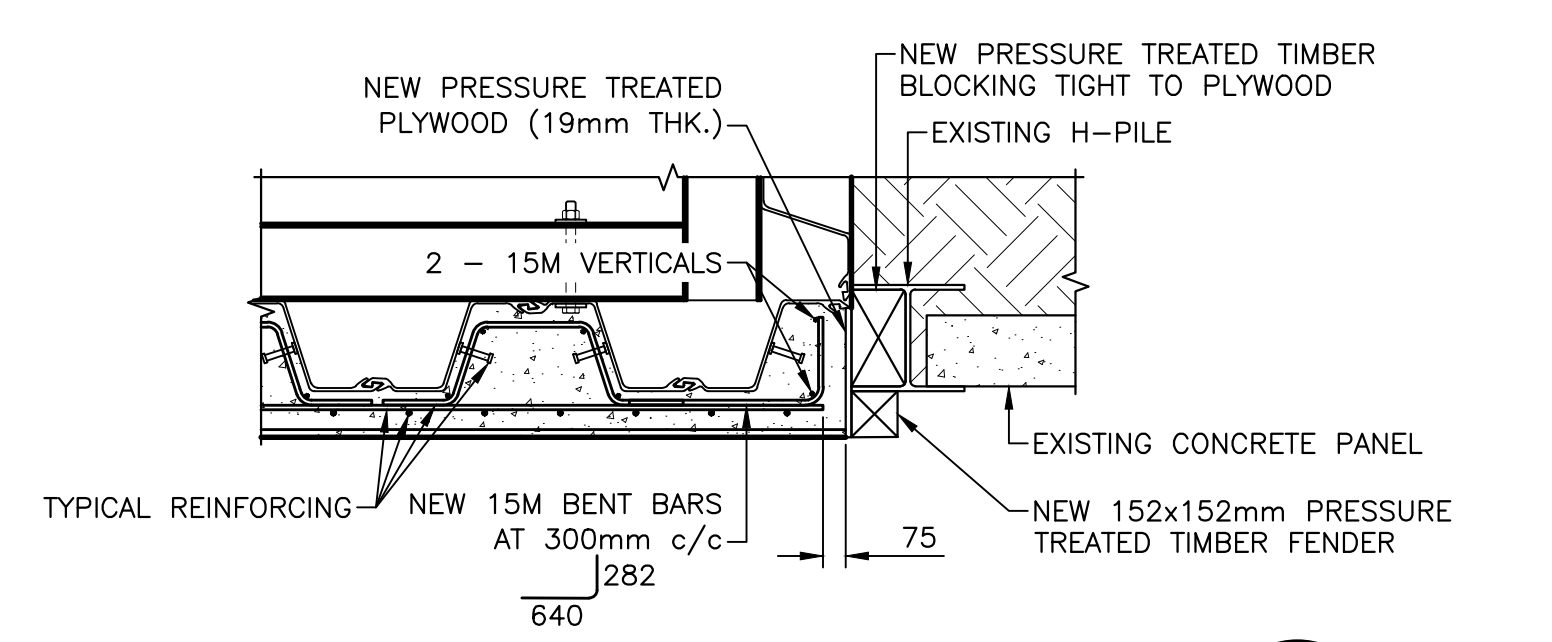
EXISTING SOUTH WEST CORNER SECTION (M)
 SCALE : 1:25
 0mm 500mm 1000mm 1500mm 2000mm 2500mm



NEW SOUTH WEST CORNER SECTION (O)
 SCALE : 1:25
 0mm 500mm 1000mm 1500mm 2000mm 2500mm



EXISTING SOUTH WEST CORNER SECTION (N)
 SCALE : 1:25
 0mm 500mm 1000mm 1500mm 2000mm 2500mm



NEW SOUTH WEST CORNER SECTION (P)
 SCALE : 1:25
 0mm 500mm 1000mm 1500mm 2000mm 2500mm



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**SOUTH WEST WALL
 TERMINATION SECTIONS
 AND DETAILS**

designed S.O'BRIEN	conçu
date MARCH 2020	
drawn S.GILLIS	dessiné
date MARCH 2020	
approved G.MacDONALD	approuvé
date JULY 2021	
Tender	Soumission
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