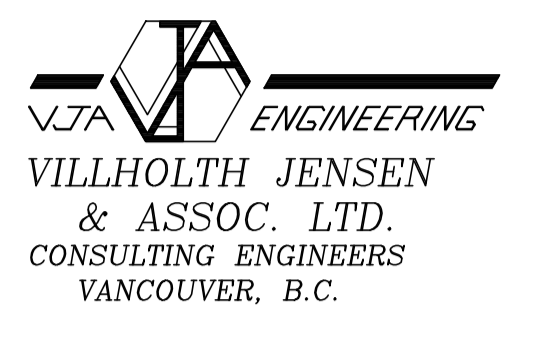




Travaux publics et Services gouvernementaux Canada



PORT EDWARD

- WHARF RECONSTRUCTION -

ISSUED FOR TENDER

DRAWING LIST		REVISION				
DRAWING NO.	DRAWING TITLE	0	1	2	3	4
		216124-001	EXISTING SITE PLAN	0		
216124-002	GENERAL ARRANGEMENT	0				
216124-003	NEW CONCRETE WHARF	0				
216124-010	CONCRETE WHARF - PHASE I	0	1			
216124-011	CONCRETE WHARF PHASE I - SECTIONS	0	1			
216124-012	CONCRETE WHARF PHASE I - PILE PLAN	0	1			
216124-013	CONCRETE WHARF PHASE I - PILE ANCHOR DETAILS	0				
216124-014	CONCRETE WHARF PHASE I - STEEL STRUCTURE PLAN	0	1			
216124-015	CONCRETE WHARF PHASE I - STEEL STRUCTURE SECTIONS & DETAILS (1of2)	0	1			
216124-016	CONCRETE WHARF PHASE I - STEEL STRUCTURE SECTIONS & DETAILS (2of2)	0				
216124-017	CONCRETE WHARF PHASE I - RAILING AND MISCELLANEOUS DETAILS	0	1			
216124-018	CONCRETE WHARF PHASE I - TIMBER DECK AND SLOPE PROTECTION	0	1			
216124-019	CONCRETE WHARF PHASE I - DREDGING AND FILL PLAN	0				
216124-020	CONCRETE WHARF PHASE I - CONCRETE DECK PLAN, SECTIONS AND DETAILS	0	1			
216124-021	CONCRETE WHARF PHASE I - CONCRETE ABUTMENT PLAN, SECTIONS AND DETAILS	0	1			
216124-022	CONCRETE WHARF PHASE I - REINFORCING PLAN, SECTIONS AND DETAILS	0	1			



1	RE-ISSUED FOR TENDER	16/11/21
0	ISSUED FOR TENDER	16/10/21

Client/client
Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

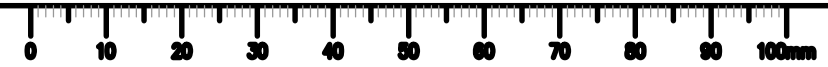
Project title/Titre du projet
PORT EDWARD
WHARF RECONSTRUCTION

Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG
Client/client
VJA

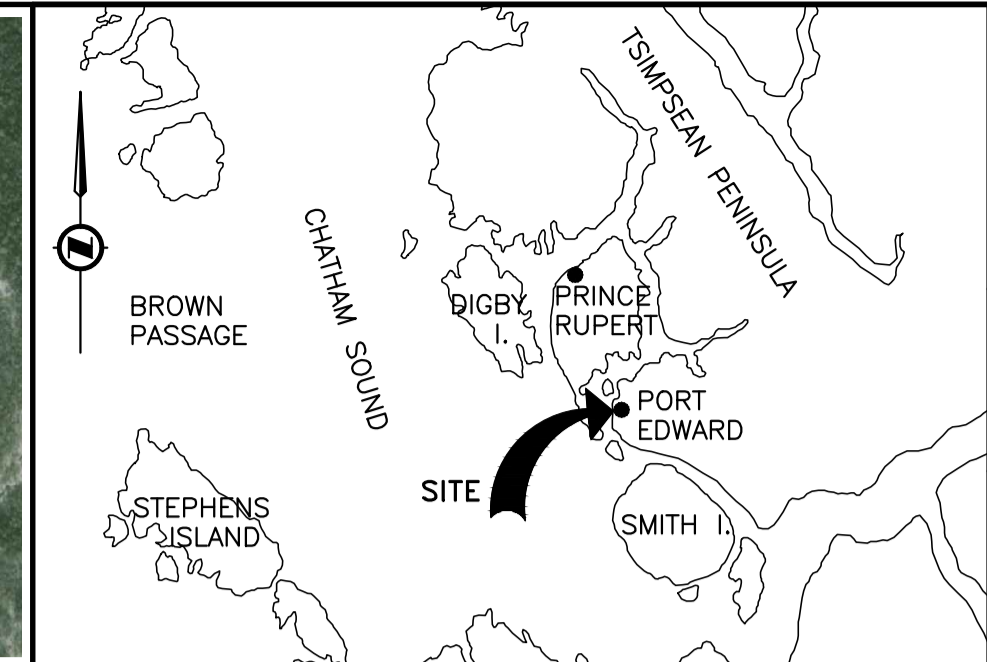
Drawing title/Titre du dessin
CONCRETE WHARF PHASE I
COVER PAGE

Project No./No. du projet 216124	Sheet/Fauille 000 OF	Revision no./La Révision no. 1
--	-----------------------------------	--

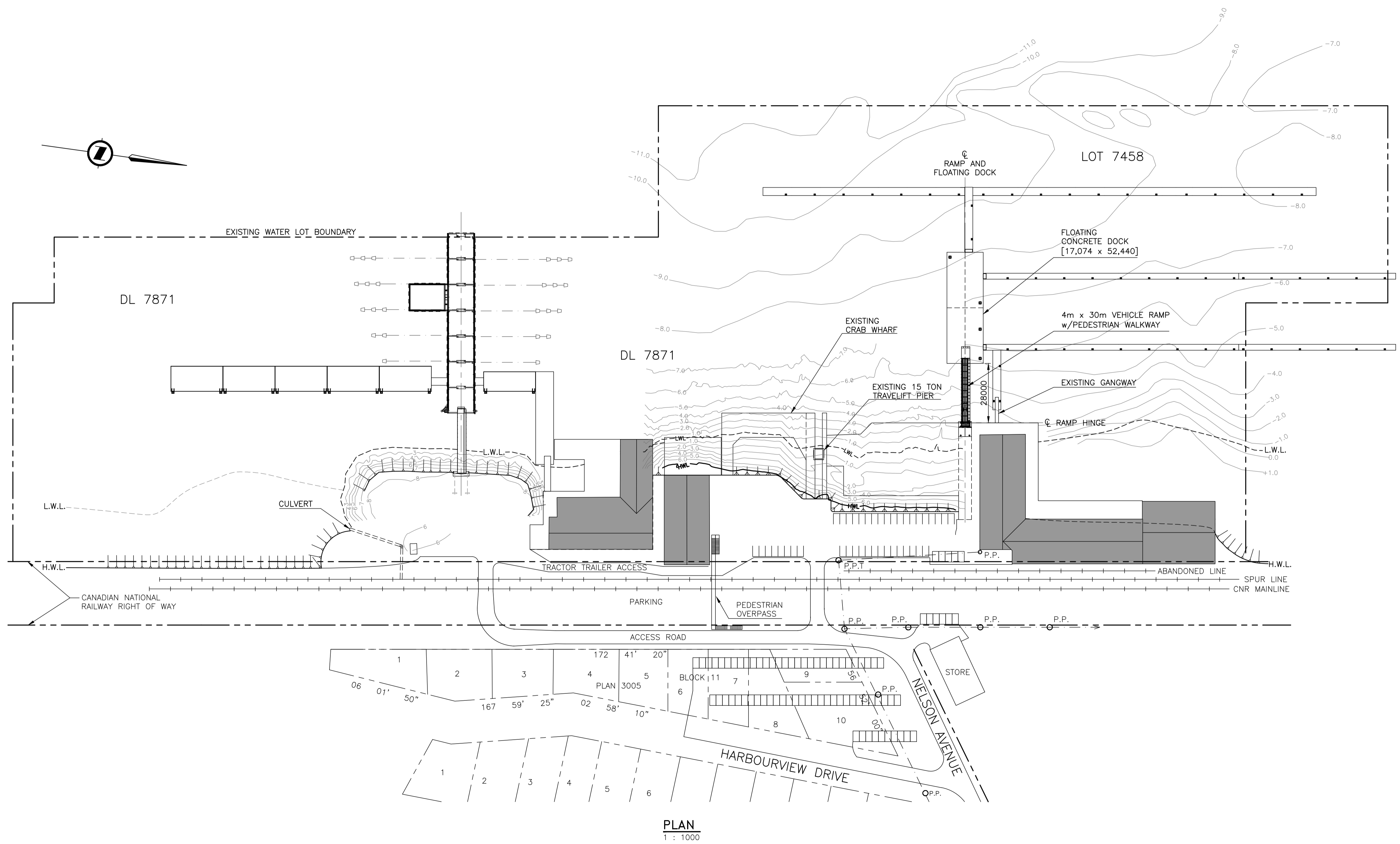




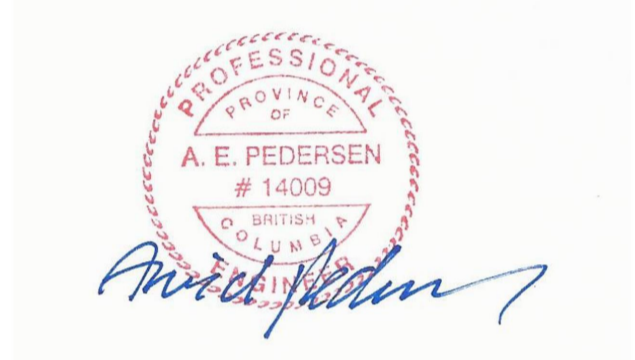
KEY PLAN



LOCATION PLAN



PLAN
1 : 1000



Revision/	Description/Description	Date/Date
0	ISSUED FOR TENDER	16/10/31

Client/client
**Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division**
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

Project title/Titre du projet
**PORT EDWARD
WHARF
RECONSTRUCTION**

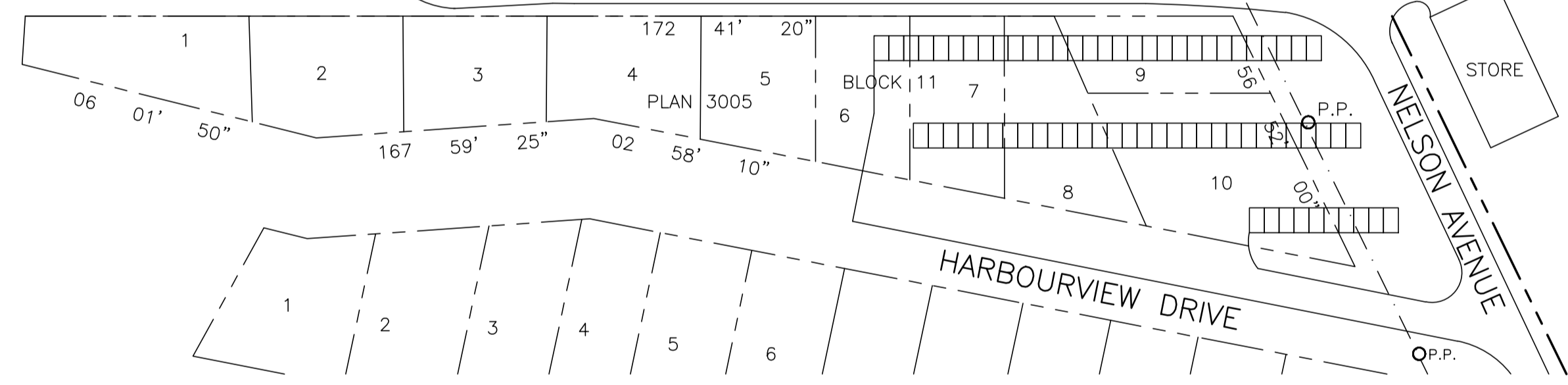
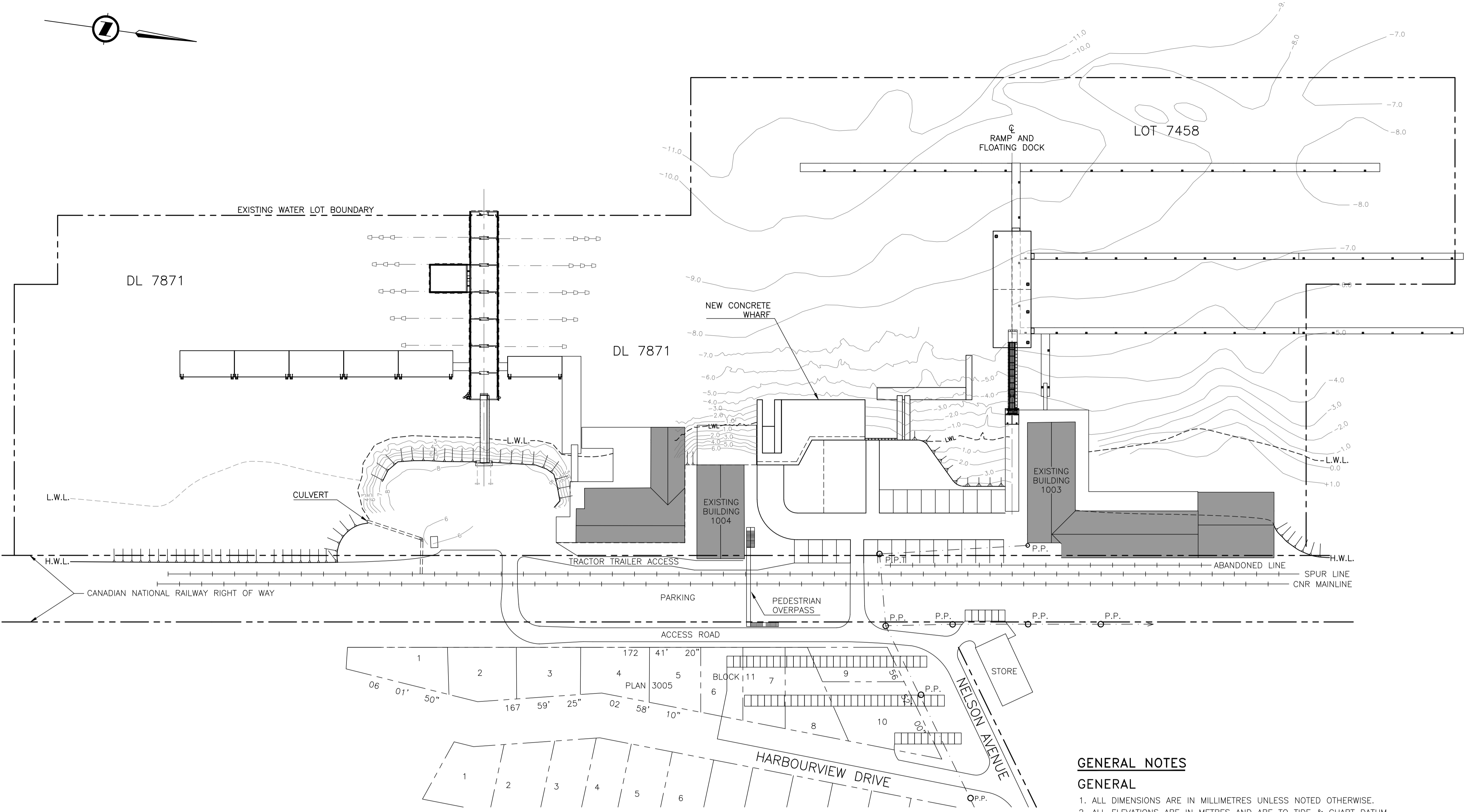
Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG
Client/client
VJA

Drawing title/Titre du dessin
EXISTING SITE PLAN

Project No./No. du projet 216124	Sheet/Fauille 001 OF	Revision no./ La Révision no. 0
--	-----------------------------------	--

NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.



PLAN
1 : 1000

GENERAL NOTES

- GENERAL**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. ALL ELEVATIONS ARE IN METRES AND ARE TO TIDE & CHART DATUM.
 3. PLAN BASED ON SMALL CRAFT HARBOUR'S FACILITY PLAN FOR PORT EDWARD.
 4. BATHYMETRY BASED ON DRAWING No. 5456-D-01.1 BY BALANCED ENVIRONMENTAL, DATED JANUARY 24, 2013

REINFORCED CONCRETE

1. CONCRETE CONSTRUCTION AND MATERIALS TO CONFORM TO CAN CSA STD A23.1, A23.2 AND A23.4. ALL CONCRETE TO BE NORMAL DENSITY WITH CLASS C-1 EXPOSURE. MINIMUM COMPRESSIVE CONCRETE STRENGTH AFTER 28 DAY TO BE 35 MPa UNLESS NOTED OTHERWISE.
2. ALL REINFORCING STEEL TO BE DEFORMED BARS GRADE 400 CONFORMING TO CAN CSA STD. G30.18.
3. MINIMUM COVER TO ALL REINFORCEMENT TO BE 50mm UNLESS NOTED OTHERWISE
4. ALL REINFORCEMENT HOOKS, LAPS AND DEVELOPMENT LENGTHS TO BE IN ACCORDANCE WITH CAN CSA STD A23.3.
5. ALL EXPOSED CONCRETE EDGES TO BE CHAMFERED 20mm.

STRUCTURAL & MISCELLANEOUS STEEL

1. ALL ROLLED SECTIONS & MISCELLANEOUS PLATE TO BE GRADE 300W CONFORMING TO CSA G40.21 UNLESS NOTED OTHERWISE.
2. HOLLOW STRUCTURAL SECTIONS TO BE GRADE 350W CLASS C CONFORMING TO CSA STD. G40.20/G40.21 UNLESS OTHERWISE NOTED.
3. ALL BOLTS SHALL BE ASTM A325 UNLESS NOTED OTHERWISE.
4. CORROSION PROTECTION: ALL STEEL TO BE PROTECTED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS
5. ALL WELDING TO CONFORM TO CSA STD. W47, W48 & W59. MINIMUM WELD SIZE, 6mm.
6. PIPE PILE SECTIONS SHALL CONFORM TO A.S.T.M. SPECIFICATIONS A252, GRADE 3.
7. PIPE PILES TO BE INSTALLED TO A MINIMUM PENETRATION AS SHOWN ON THE DRAWINGS.
8. ANCHORS SHALL BE DYWIDAG SINGLE THREADBAR ANCHORS CONFORMING TO CSA STANDARD G30.18. STEEL GRADE 517/690MPa.

TIMBER FENDER PILES

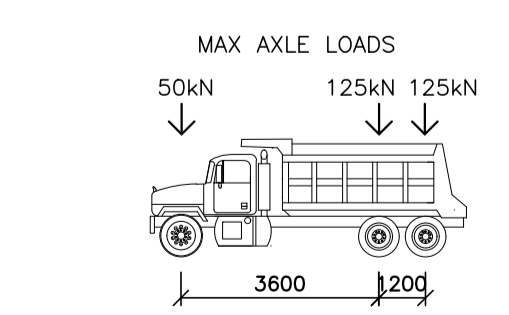
1. ALL PILES TO BE GIVEN A FULL-CELL CREOSOTE OIL TREATMENT CONFORMING TO CAN / CSA STD. 080 AND BMP TO A NET RETENTION OF 224kg/m³ (14 lb/c.f.)

DESIGN CRITERIA

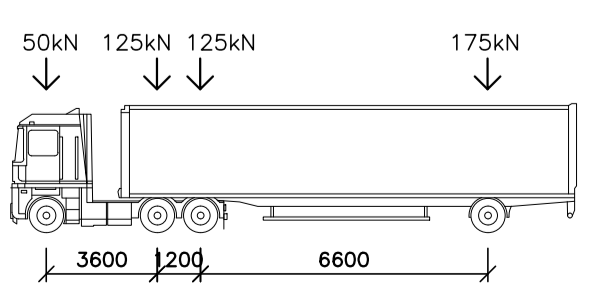
1. LIVE LOAD ON WHARF:

- a) UNIFORMLY DISTRIBUTED LIVE LOAD = 20kPa
- a) UNIFORMLY DISTRIBUTED LIVE LOAD ON TEMPORARY TIMBER DECK = 5kPa
- c) HIGHWAY LIVE LOADING:

TRUCK CLASS CL3-625 CONFORMING TO CAN/CSA-S6-14
GVW = 30,581kg (67,360 lbs)



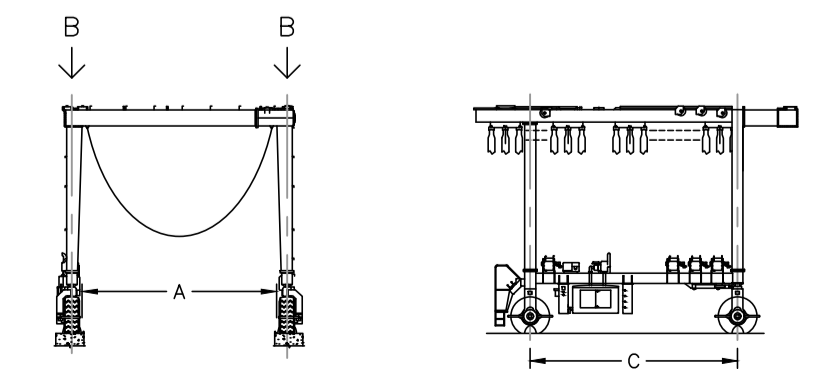
TRUCK CLASS CL2-625 CONFORMING TO CAN/CSA-S6-14
GVW = 48,420kg (10,800lbs)



2. LIVE LOAD ON TRAVELIFT PIER:

- a) UNIFORMLY DISTRIBUTED LIVE LOAD ON PIER DECK = 20kPa
- b) LIVE LOADING FOR MARINE TRAVELIFT IN TRAVELIFT DRIVING LANE

MODEL	INSIDE CLEAR WIDTH A	WHEEL LOADS PER CORNER B	WHEEL BASE C
15 BFMII	5.78m	100 kN	6.86m
100 BMFII	7.92m	400 kN	9.14m



3. ENVIRONMENTAL

- a) TIDES:

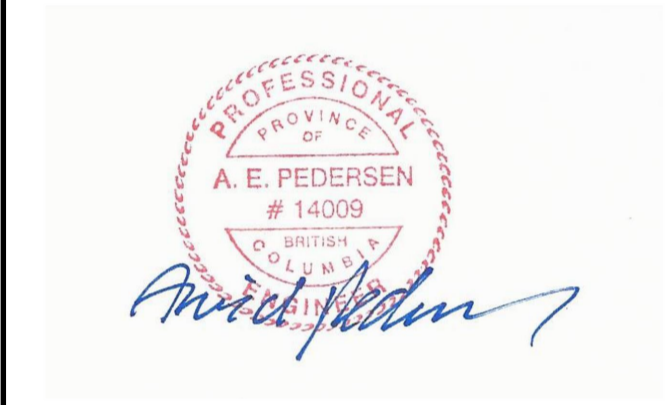
HIGHER HIGH WATER LEVEL (H.H.W.L.)	+7.4 m
MEAN WATER LEVEL (M.W.L.)	+3.8 m
LOWER LOW WATER LEVEL (L.L.W.L.)	+0.1 m
- b) WIND:

DESIGN WIND SPEED (1 IN 50 YEARS)	= 28.9 m/s
DESIGN WIND SPEED (1 IN 10 YEARS)	= 25.5 m/s
- c) CURRENT VELOCITY = 1m/s
- d) SNOW LOAD:

SPECIFIED GROUND SNOW LOAD	S _s = 1.9kPa
SPECIFIED ASSOCIATED RAIN LOAD	S _r = 0.4kPa
- e) SEISMIC:

PGA (BCBC)	0.18
S _a (0.2)=0.38, S _a (0.5)=0.25, S _a (1.0)=0.15, S _a (2.0)=0.086	

TIDE & CHART DATUM



Revision/Revisión	Description/Description	Date/Date
0	ISSUED FOR TENDER	16/10/31

Client/client
**Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division**
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

Project title/Titre du projet
**PORT EDWARD
WHARF
RECONSTRUCTION**

Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.

Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSSC

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSSC
Client/client
VJA

Drawing title/Titre du dessin

GENERAL ARRANGEMENT

Project No./No. du projet 216124	Sheet/Fauille 002 OF	Revision no./La Révision no. 0
--	-----------------------------------	--



Revision/	Description/Description	Date/Date
0	ISSUED FOR TENDER	16/10/31

Client/client
**Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division**
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

Project title/Titre du projet
**PORT EDWARD
WHARF
RECONSTRUCTION**

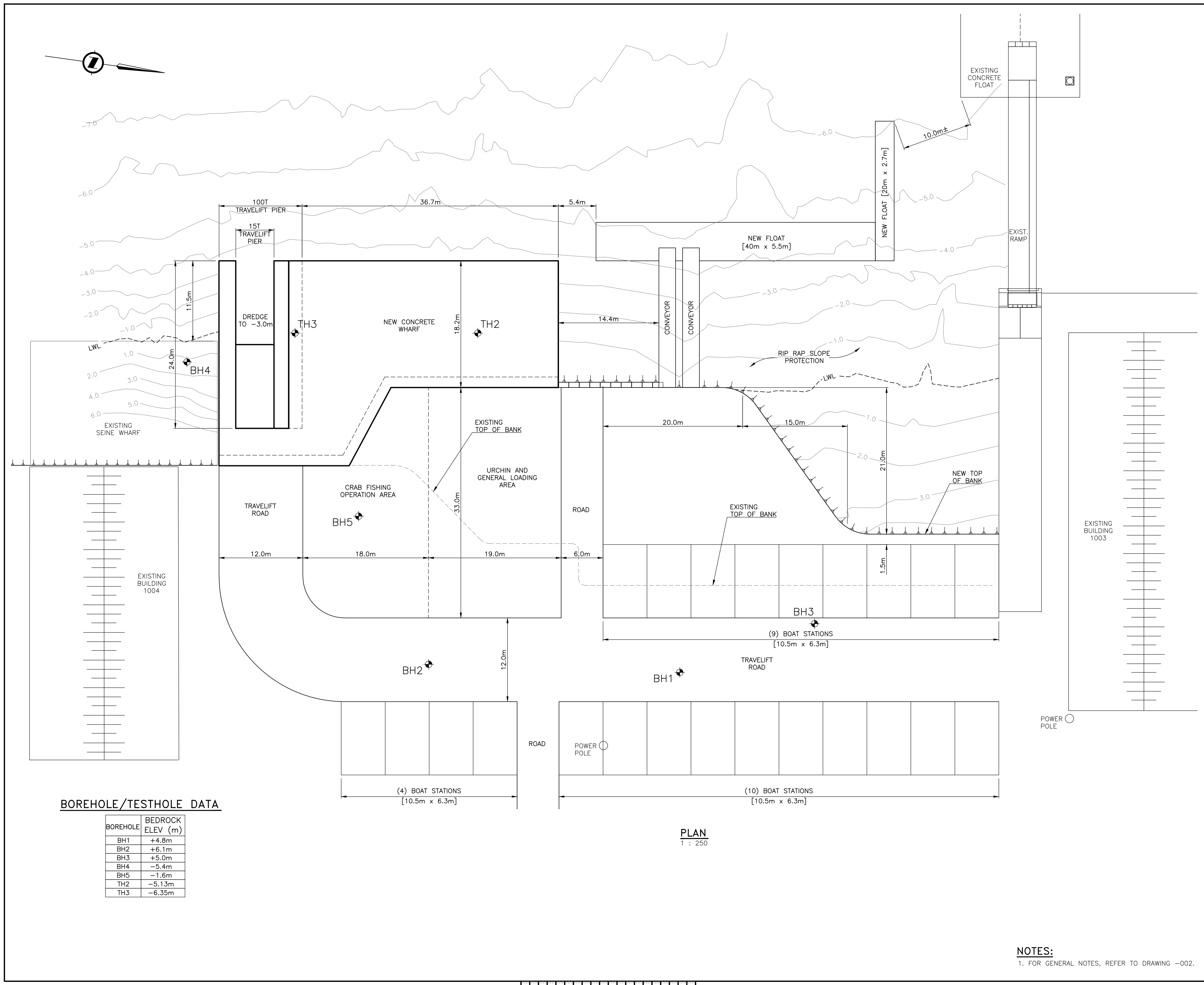
Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG
Client/client
VJA

Drawing title/Titre du dessin
NEW CONCRETE WHARF

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
216124	003 OF	0

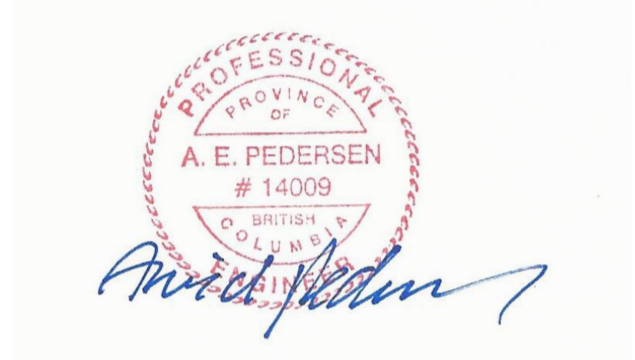
NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.



BOREHOLE/TESTHOLE DATA

BOREHOLE	BEDROCK ELEV (m)
BH1	+4.8m
BH2	+6.1m
BH3	+5.0m
BH4	-5.4m
BH5	-1.6m
TH2	-5.13m
TH3	-6.35m

PLAN
1 : 250



Revision/	Description/Description	Date/Date
1	DECK AREA REDUCED	16/11/21
0	ISSUED FOR TENDER	16/10/21

Client/client
Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

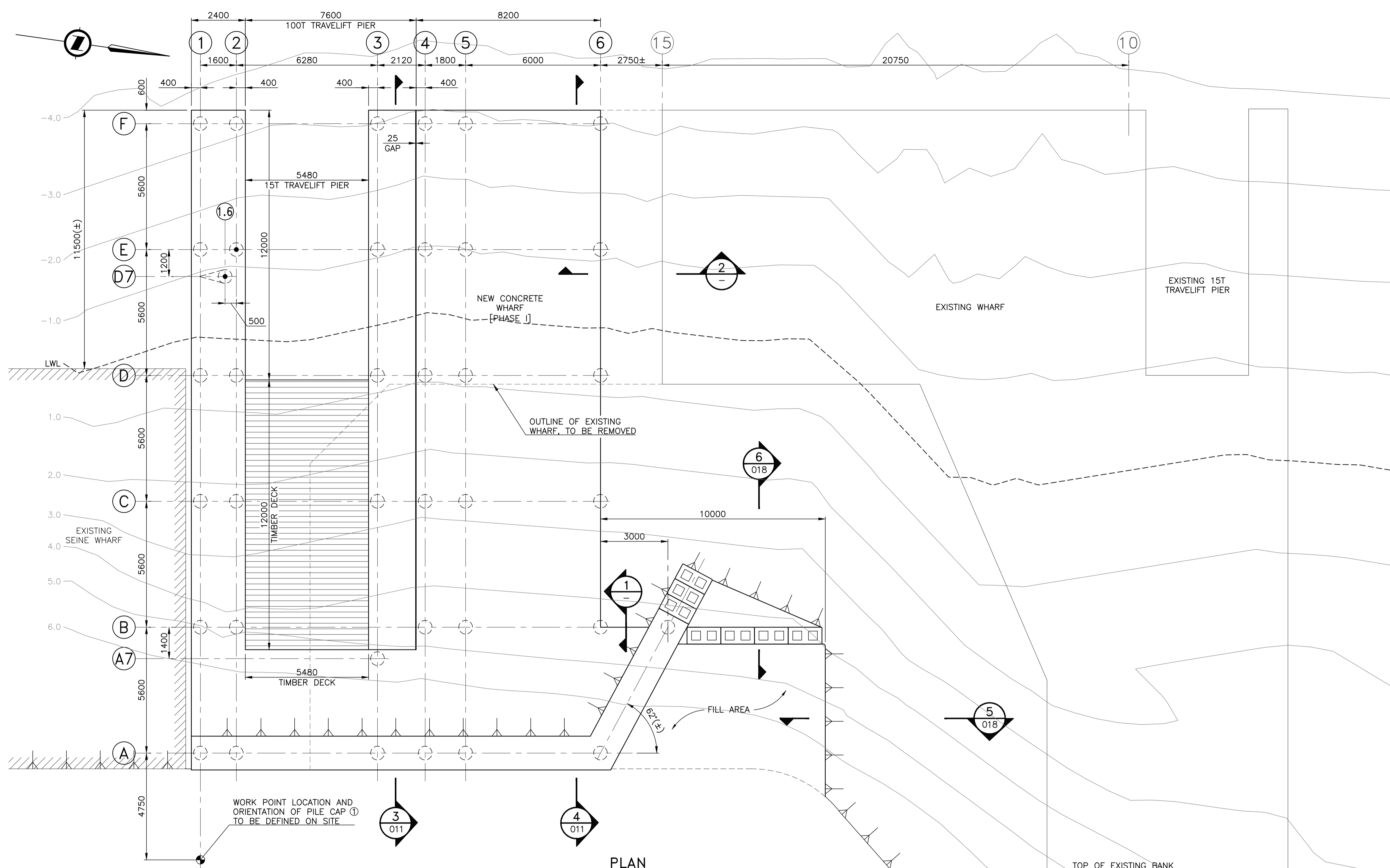
Project title/Titre du projet
PORT EDWARD
WHARF RECONSTRUCTION

Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG

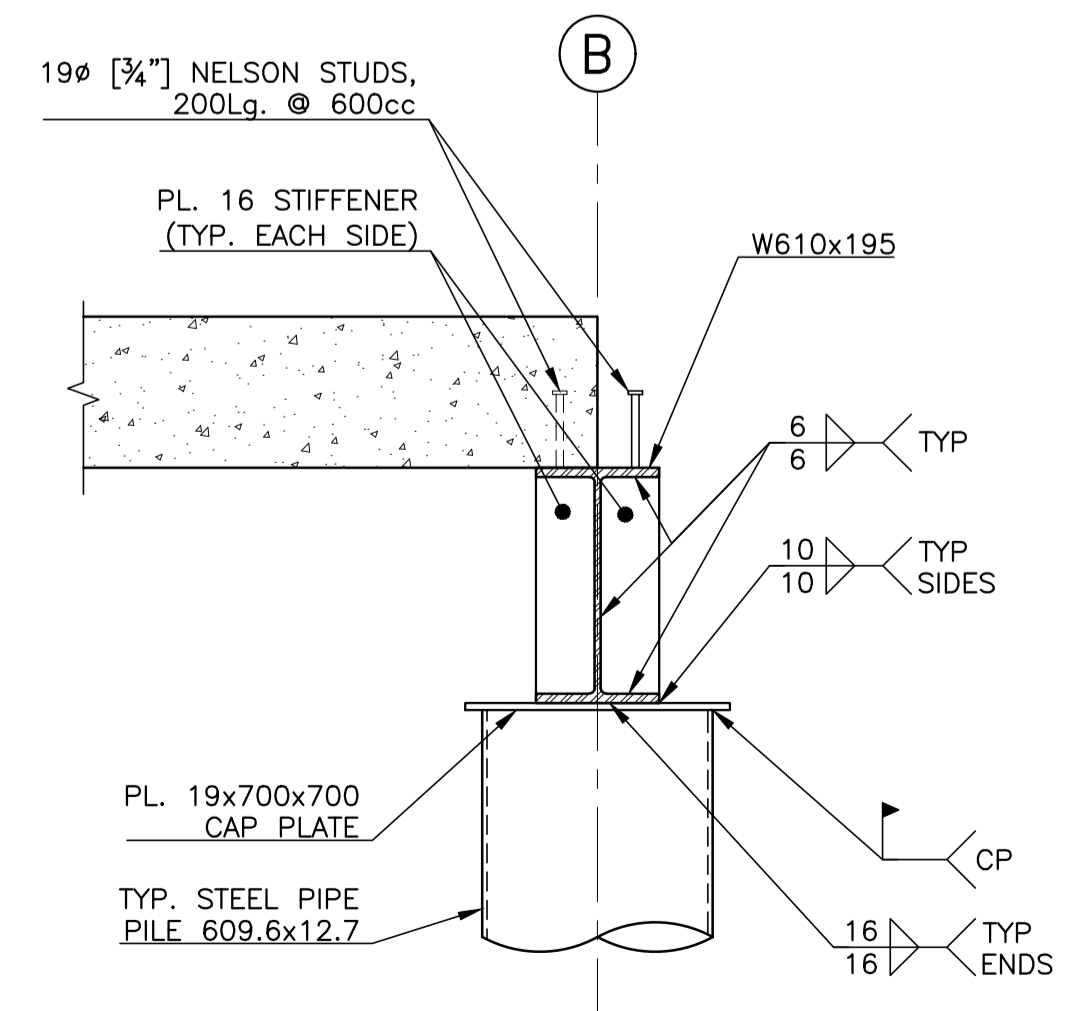
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG
Client/client
VJA

Drawing title/Titre du dessin
CONCRETE WHARF PHASE I

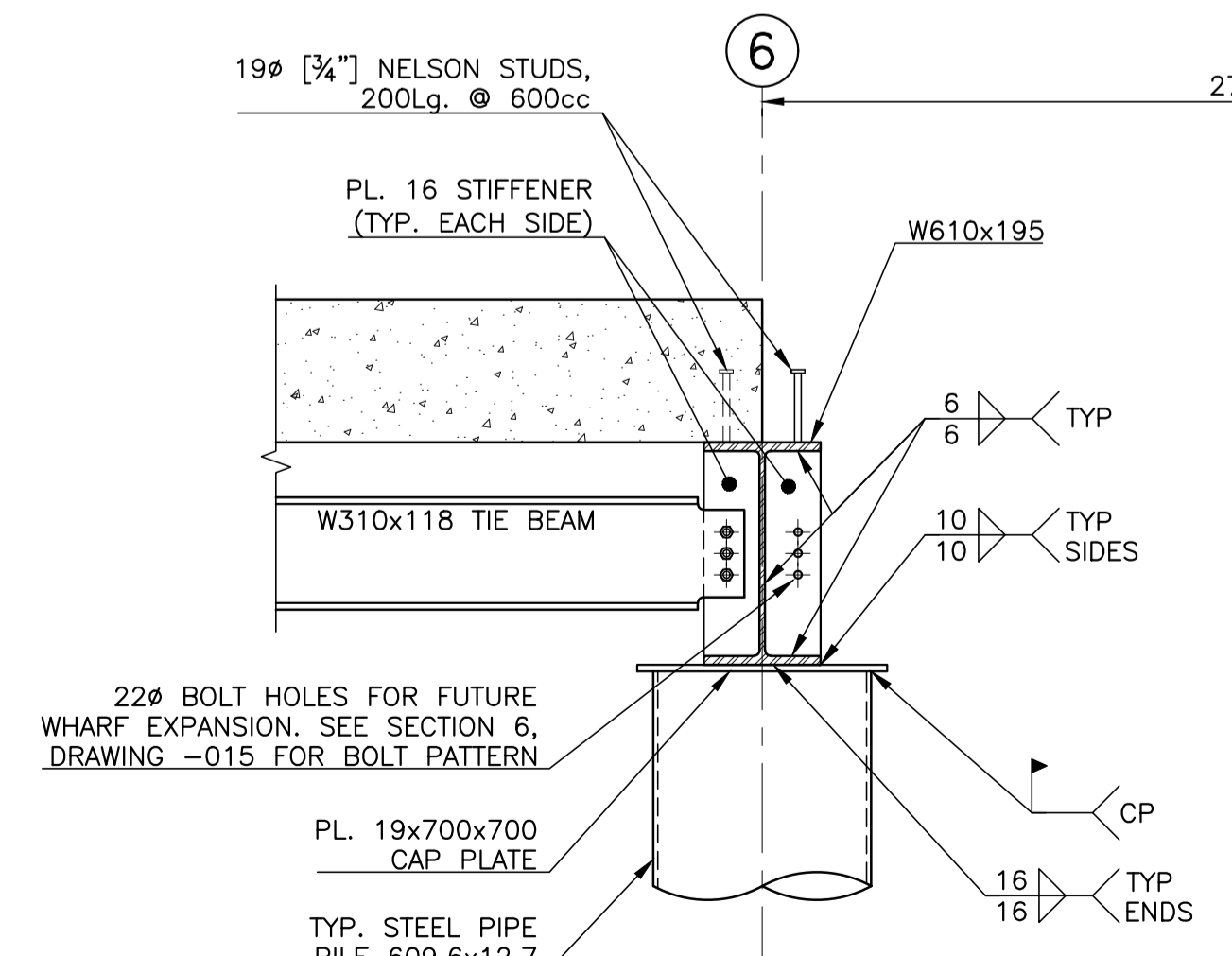
Project No./No. du projet 216124	Sheet/Fauille 010 OF	Revision no./La Révision no. 1
--	-----------------------------------	--



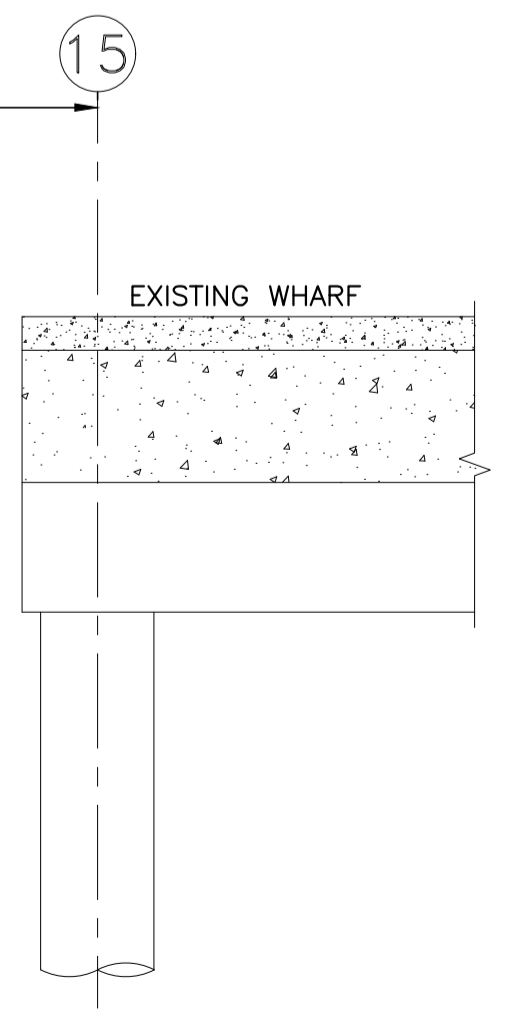
PLAN
1 : 100



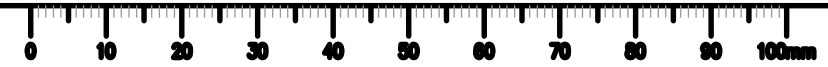
SECTION 1
1 : 20



SECTION 2
1 : 20



NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.





Revision/	Description/Description	Date/Date
1	SLOPE PROTECTION MODIFIED	16/11/21
0	ISSUED FOR TENDER	16/10/31

Client/client
**Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division**
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

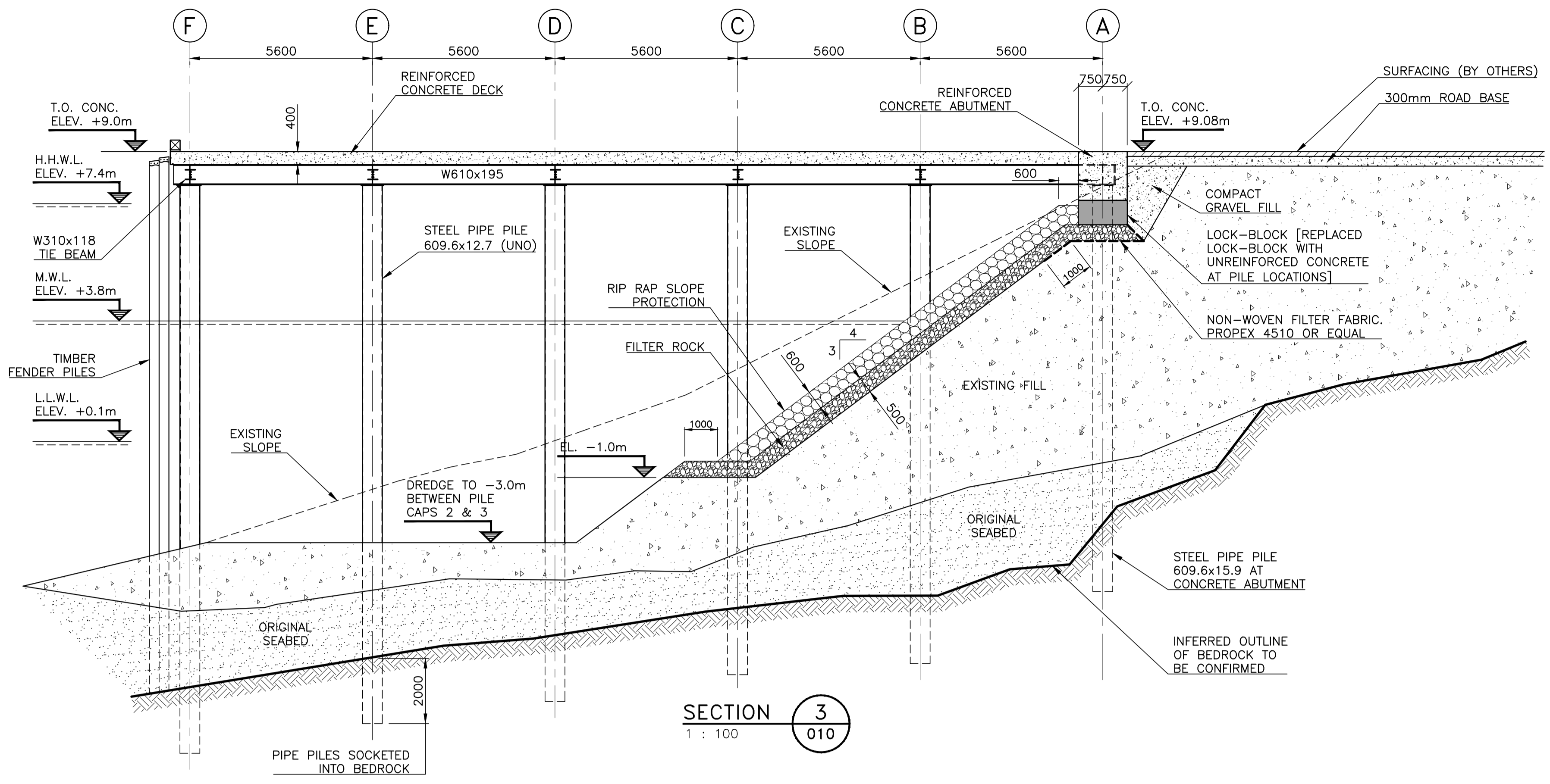
Project title/Titre du projet
**PORT EDWARD
WHARF
RECONSTRUCTION**

Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG

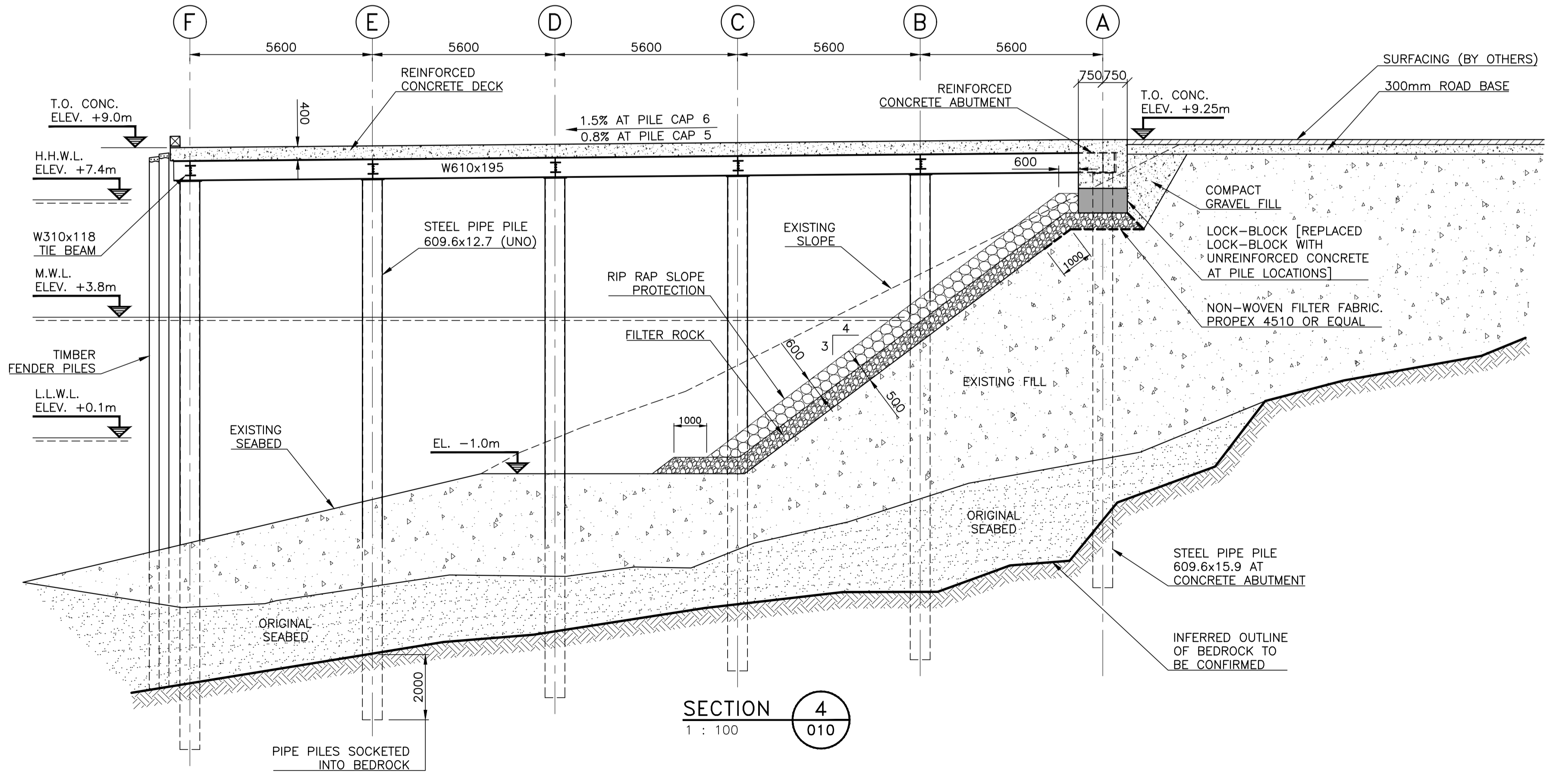
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG
Client/client
VJA

Drawing title/Titre du dessin
**CONCRETE WHARF PHASE I
SECTIONS**

Project No./No. du projet 216124	Sheet/Fauille 011 OF	Revision no./ La Révision no. 1
--	-----------------------------------	--

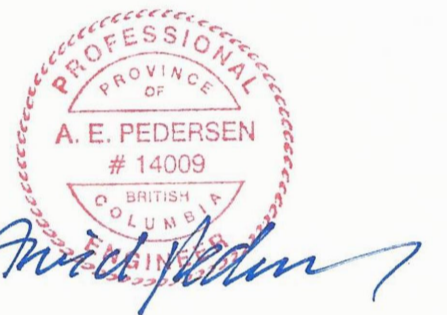


SECTION 3
1 : 100



SECTION 4
1 : 100

NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.

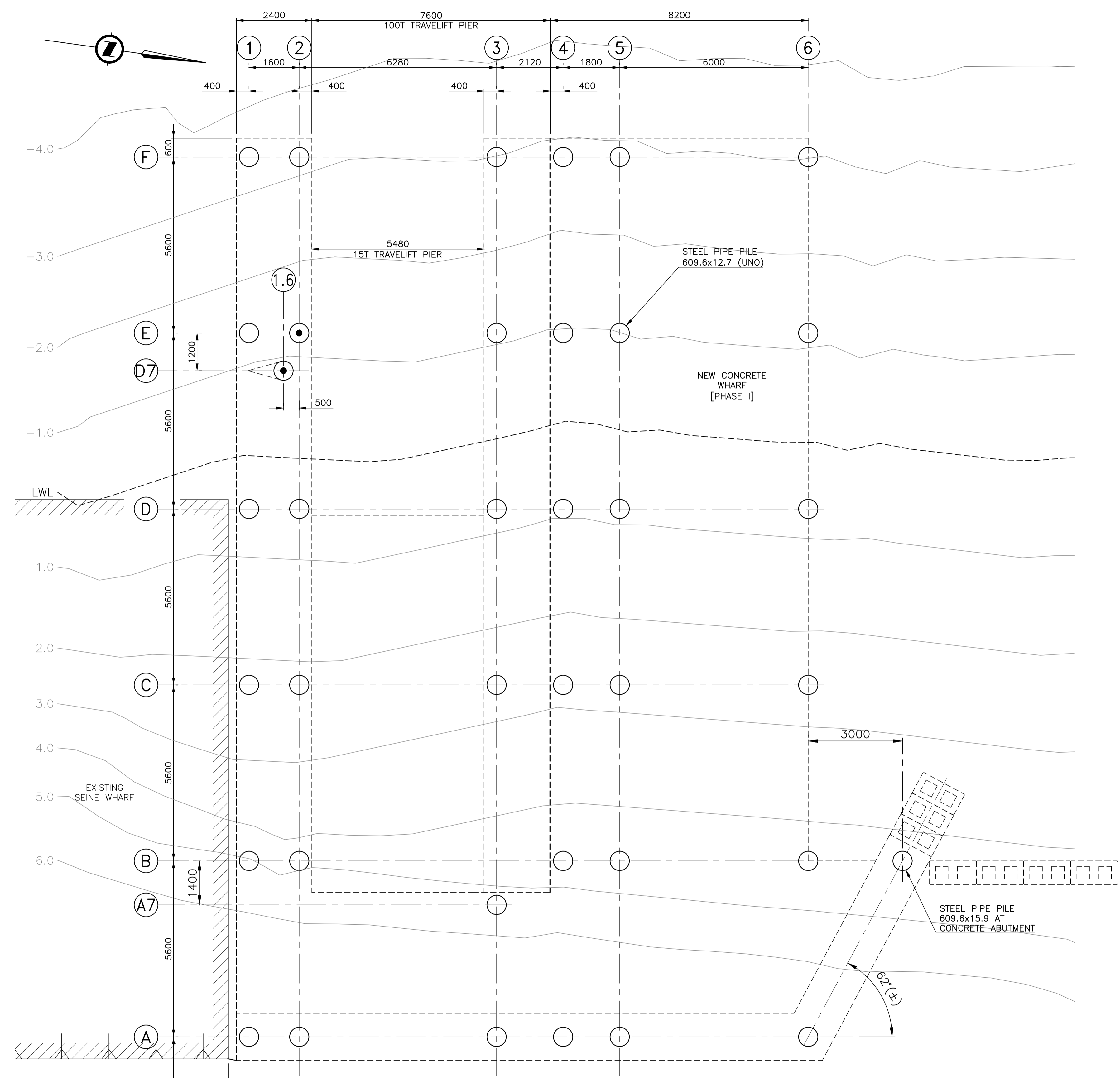


PILE TABLE

PILE	PIPE PILE SIZE (mm)	CUT OFF ELEVATION	SOCKET DEPTH IN BEDROCK	ESTIMATED TIP ELEV.	ANCHOR
A/1	609.6x15.9	+7.959m	2.0m	-6.0m	NO
A/2	609.6x15.9	+7.959m	2.0m	-6.0m	NO
A/3	609.6x15.9	+7.959m	2.0m	-6.0m	NO
A/4	609.6x15.9	+7.959m	2.0m	-6.0m	NO
A/5	609.6x15.9	+8.045m	2.0m	-6.0m	NO
A/6	609.6x15.9	+8.216m	2.0m	-6.0m	NO
B/1	609.6x12.7	+7.959m	2.0m	-8.0m	NO
B/2	609.6x12.7	+7.959m	2.0m	-8.0m	NO
A7/3	609.6x12.7	+7.959m	2.0m	-8.0m	NO
B/4	609.6x12.7	+7.959m	2.0m	-8.0m	NO
B/5	609.6x12.7	+8.028m	2.0m	-8.0m	NO
B/6	609.6x12.7	+8.166m	2.0m	-8.0m	NO
B/6+.5	609.6x15.9	+8.218m	2.0m	-8.0m	NO
C/1	609.6x12.7	+7.959m	2.0m	-9.0m	NO
C/2	609.6x12.7	+7.959m	2.0m	-9.0m	NO
C/3	609.6x12.7	+7.959m	2.0m	-9.0m	NO
C/4	609.6x12.7	+7.959m	2.0m	-9.0m	NO
C/5	609.6x12.7	+8.011m	2.0m	-9.0m	NO
C/6	609.6x12.7	+8.115m	2.0m	-9.0m	NO
D/1	609.6x12.7	+7.959m	2.0m	-10.0m	NO
D/2	609.6x12.7	+7.959m	2.0m	-10.0m	NO
D/3	609.6x12.7	+7.959m	2.0m	-10.0m	NO
D/4	609.6x12.7	+7.959m	2.0m	-10.0m	NO
D/5	609.6x12.7	+7.995m	2.0m	-10.0m	NO
D/6	609.6x12.7	+8.065m	2.0m	-10.0m	NO
D7/1.6	609.6x12.7 (1:5 BATTER)	+7.959m	NO	-11.0m	3-57φ
E/1	609.6x12.7	+7.959m	2.0m	-11.0m	NO
E/2	609.6x12.7	+7.959m	2.0m	-11.0m	3-57φ
E/3	609.6x12.7	+7.959m	2.0m	-11.0m	NO
E/4	609.6x12.7	+7.959m	2.0m	-11.0m	NO
E/5	609.6x12.7	+7.978m	2.0m	-11.0m	NO
E/6	609.6x12.7	+8.014m	2.0m	-11.0m	NO
F/1	609.6x12.7	+7.959m	2.0m	-12.0m	NO
F/2	609.6x12.7	+7.959m	2.0m	-12.0m	NO
F/3	609.6x12.7	+7.959m	2.0m	-12.0m	NO
F/4	609.6x12.7	+7.959m	2.0m	-12.0m	NO
F/5	609.6x12.7	+7.961m	2.0m	-12.0m	NO
F/6	609.6x12.7	+7.964m	2.0m	-12.0m	NO

PILE LEGEND

- 609.6 OD STEEL PIPE PILE
- STEEL PIPE ANCHOR PILE 609.6x12.7 w/(3) 57φ DYWIDAG ANCHORS
- STEEL PIPE ANCHOR PILE (1:5 BATTER) 609.6x12.7 w/(3) 57φ DYWIDAG ANCHORS



PILE PLAN
1 : 75

NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.

Revision/	Description/Description	Date/Date
1	DECK AREA REDUCED	16/11/21
0	ISSUED FOR TENDER	16/10/21

Client/client
**Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division**
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

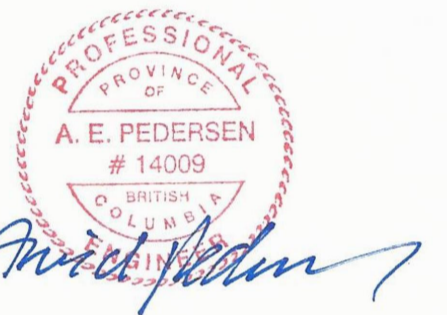
Project title/Titre du projet
**PORT EDWARD
WHARF
RECONSTRUCTION**

Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG
Client/client
VJA

Drawing title/Titre du dessin
**CONCRETE WHARF PHASE I
PILE PLAN**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
216124	012 OF	1



Revision/	Description/Description	Date/Date
0	ISSUED FOR TENDER	16/10/31

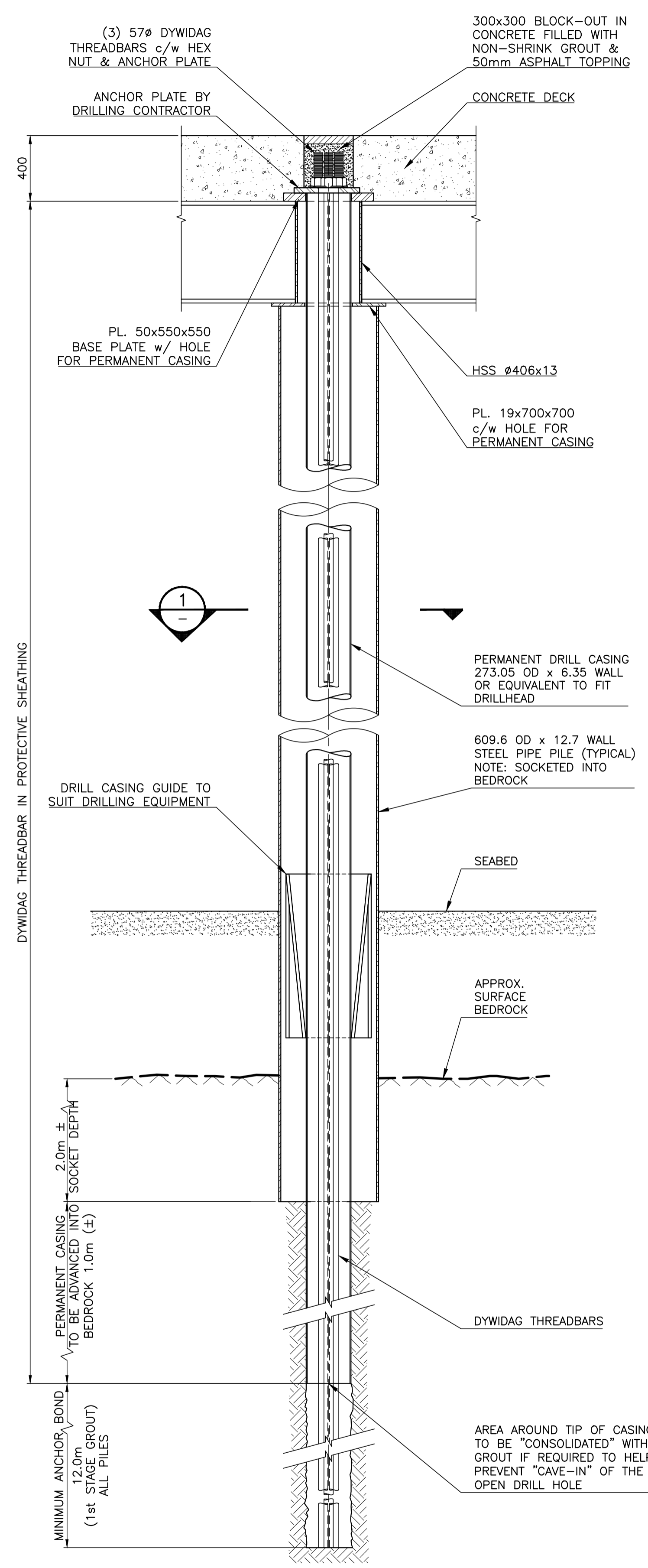
Client/client
**Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division**
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

Project title/Titre du projet
**PORT EDWARD
WHARF
RECONSTRUCTION**

Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG
Client/client
VJA

Drawing title/Titre du dessin
**CONCRETE WHARF PHASE I
PILE ANCHOR DETAILS**

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
216124	013 OF	0



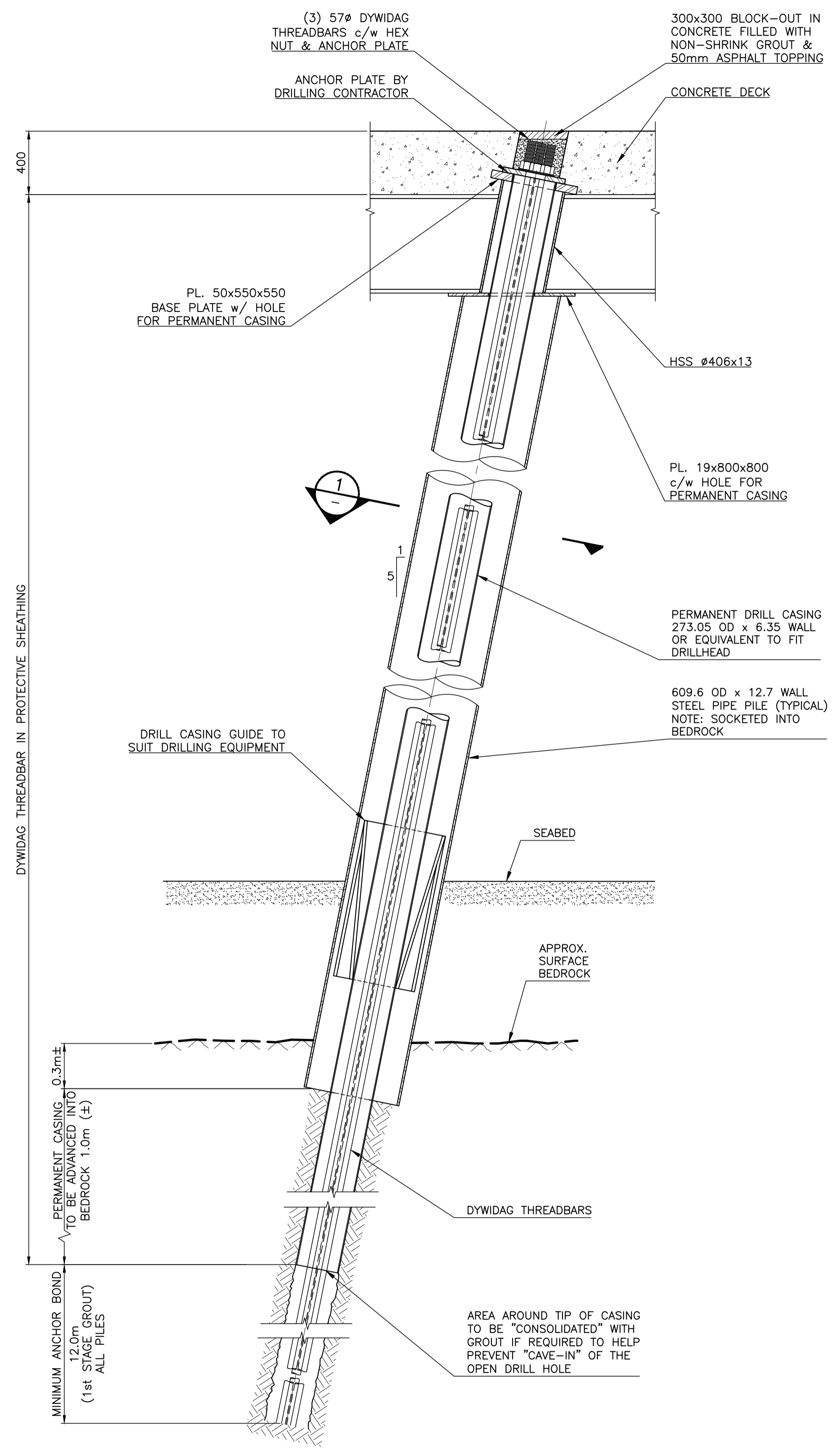
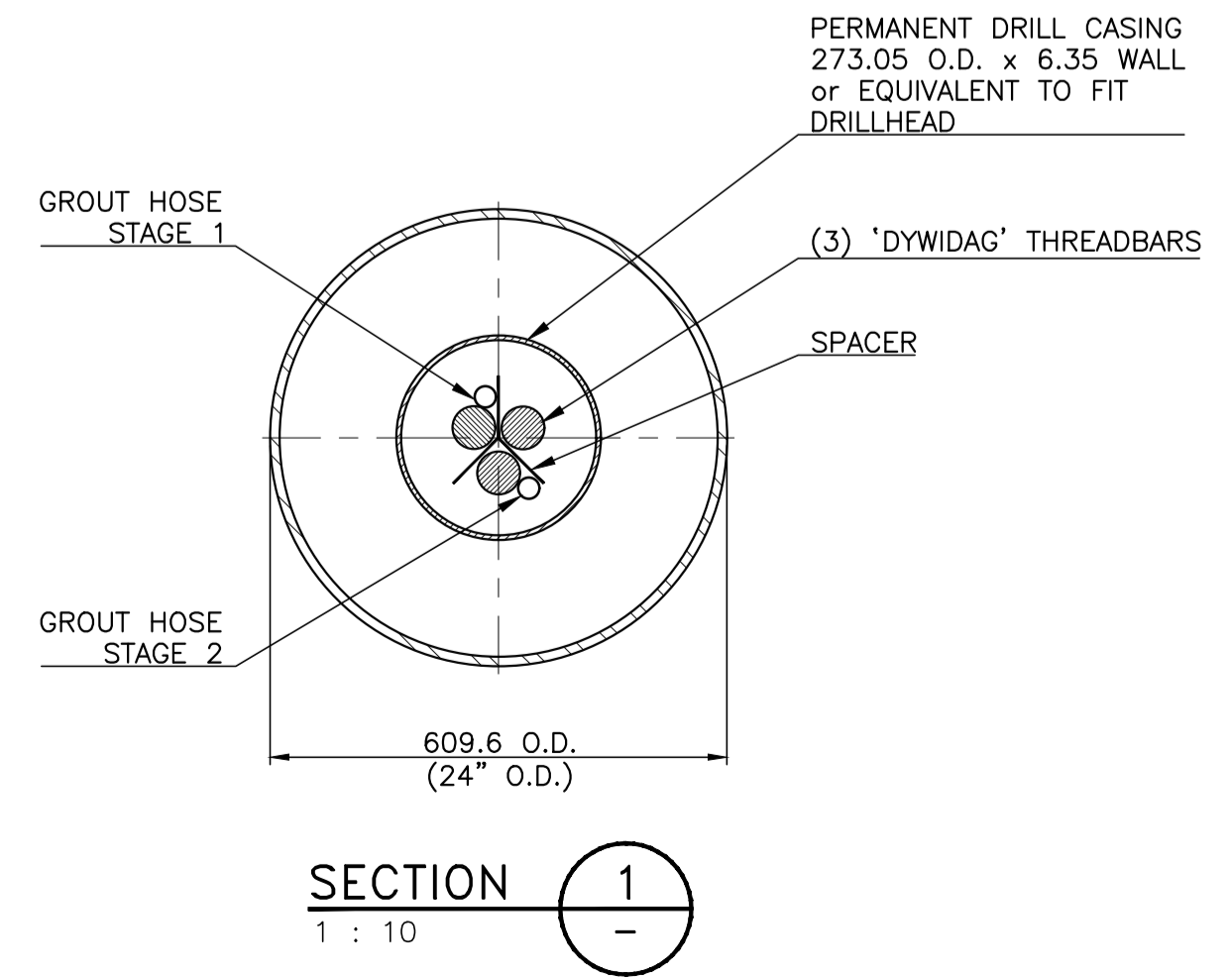
ROCK ANCHOR ARRANGEMENT
1 : 20

PILE & ANCHOR INSTALLATION E/2

1. DRIVE PILES TO REFUSAL
2. SOCKET PILE INTO BEDROCK
3. PLACE DRILL CASING GUIDE
4. CONSTRUCT THE PILE CAPS
5. DRILL AND ADVANCE PERMANENT CASING INTO BEDROCK.
6. SEAL AREA AROUND TIP OF PERMANENT CASING IF REQUIRED.
7. DRILL FOR ANCHORS TO DEPTH INDICATED
8. PLACE ANCHOR
9. GROUT FIRST STAGE
10. TEST ANCHORS AS PER SPEC. AND LOCK-OFF ANCHOR
11. GROUT SECOND STAGE AND PLUG ANCHOR HOLE IN CONCRETE DECK

PILE & ANCHOR INSTALLATION D7/1.6

1. DRIVE PILES TO REFUSAL
3. PLACE DRILL CASING GUIDE
4. CONSTRUCT THE PILE CAPS
5. DRILL AND ADVANCE PERMANENT CASING INTO BEDROCK.
6. SEAL AREA AROUND TIP OF PERMANENT CASING IF REQUIRED.
7. DRILL FOR ANCHORS TO DEPTH INDICATED
8. PLACE ANCHOR
9. GROUT FIRST STAGE
10. TEST ANCHORS AS PER SPEC. AND LOCK-OFF ANCHOR
11. GROUT SECOND STAGE AND PLUG ANCHOR HOLE IN CONCRETE DECK



ROCK ANCHOR ARRANGEMENT IN BATTER PILE
1 : 20

- NOTES:**
1. FOR GENERAL NOTES, REFER TO DRAWING -002.
 2. ANCHOR TEST LOADS:
TEST LOAD Tt = 2000 kN
LOCK OFF LOAD Pt = 500 kN



Revision/	Description/Description	Date/Date
1	DECK AREA REDUCED	16/11/21
0	ISSUED FOR TENDER	16/10/21

Client/client
**Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division**
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

Project title/Titre du projet
**PORT EDWARD
WHARF
RECONSTRUCTION**

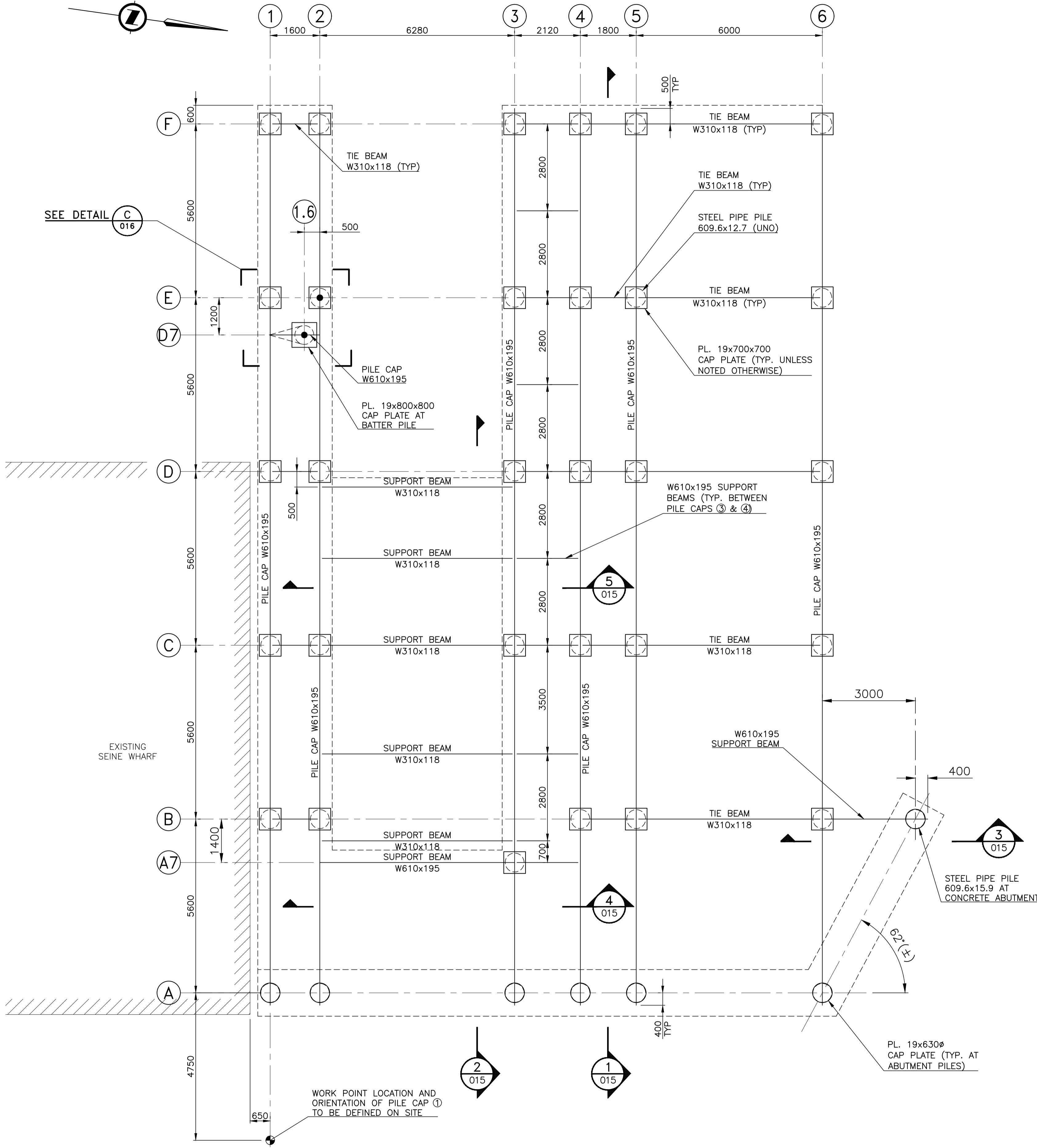
Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPWGC

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPWGC
Client/client
VJA

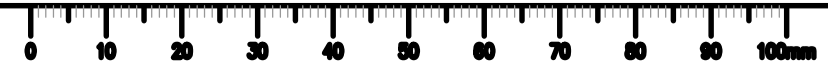
Drawing title/Titre du dessin
**CONCRETE WHARF PHASE I
STEEL STRUCTURE PLAN**

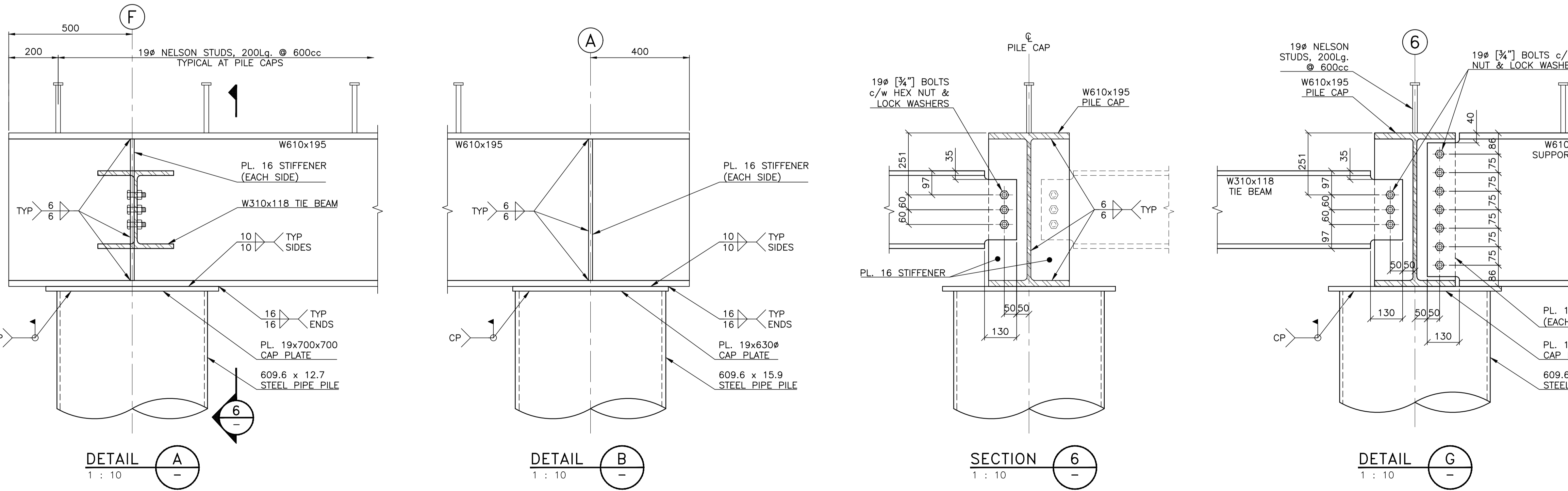
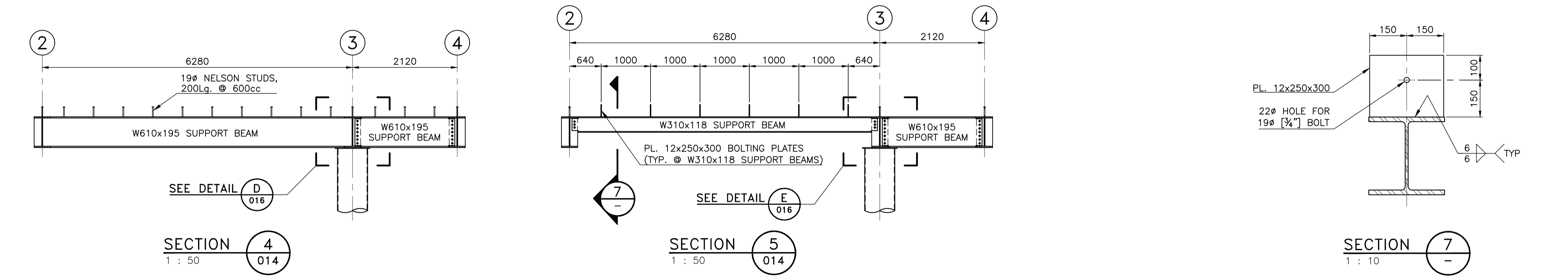
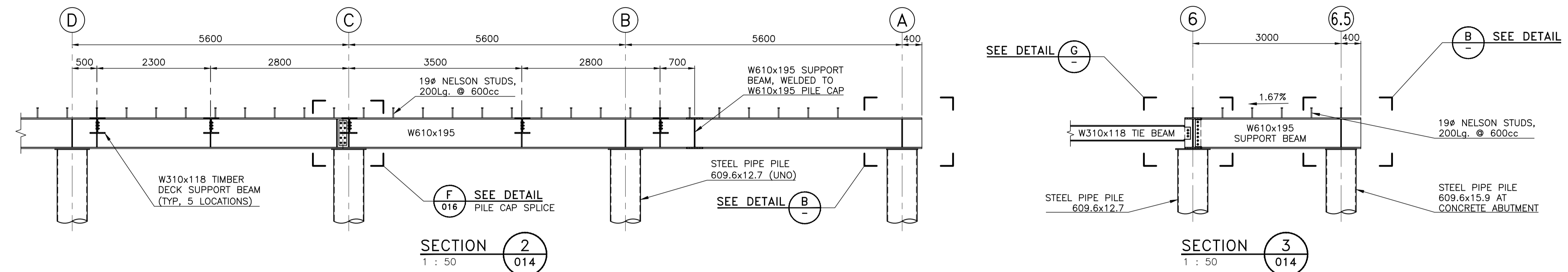
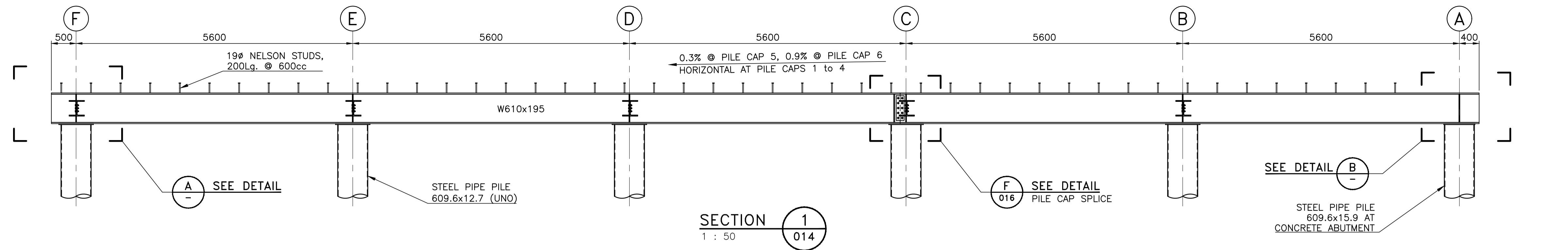
Project No./No. du projet 216124	Sheet/Feuille 014 OF	Revision no./La Révision no. 1
--	-----------------------------------	--

NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.

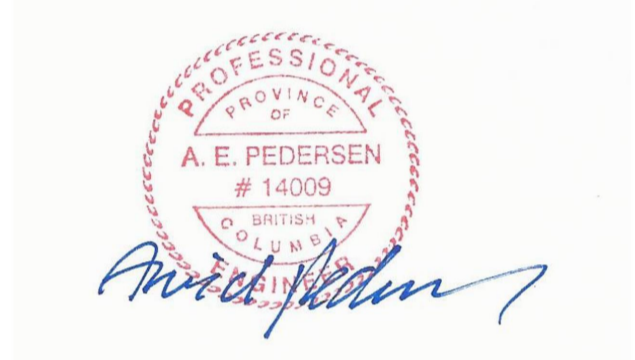


STEEL STRUCTURE PLAN
1 : 75





NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.



Revision/	Description/Description	Date/Date
1	SECTIONS 2 & 3 REVISED, DETAIL G ADDED	16/11/21
0	ISSUED FOR TENDER	16/10/21

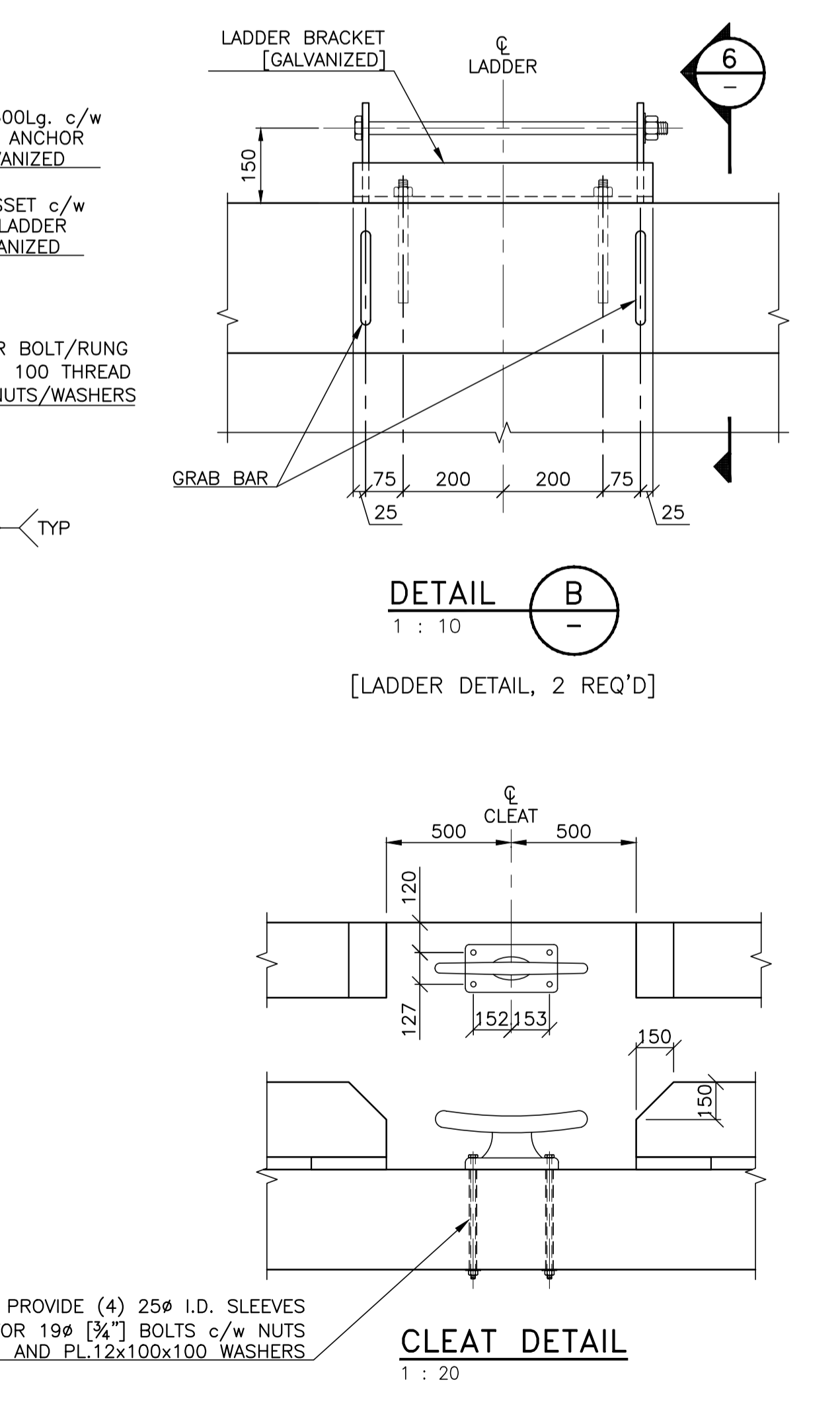
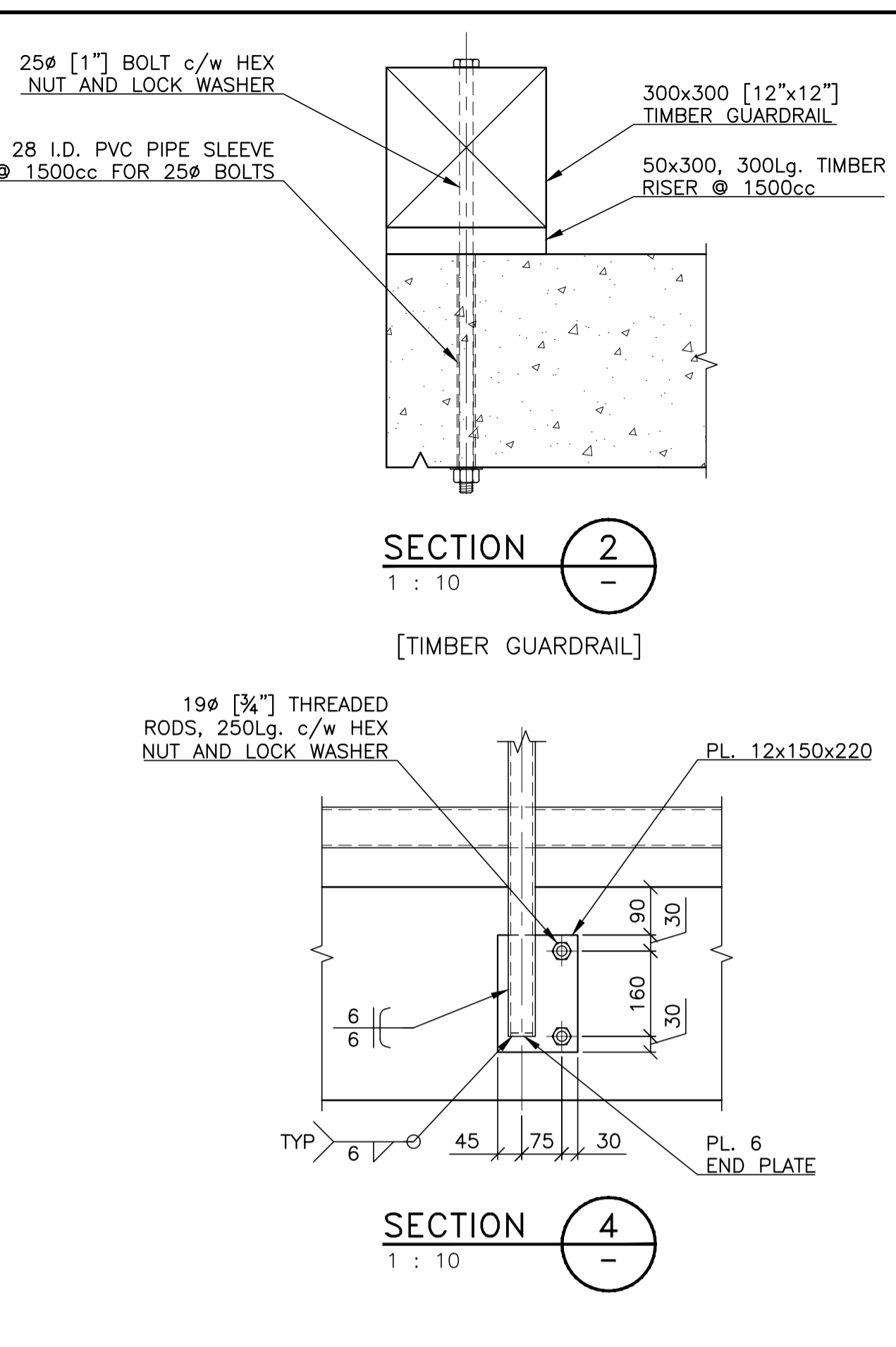
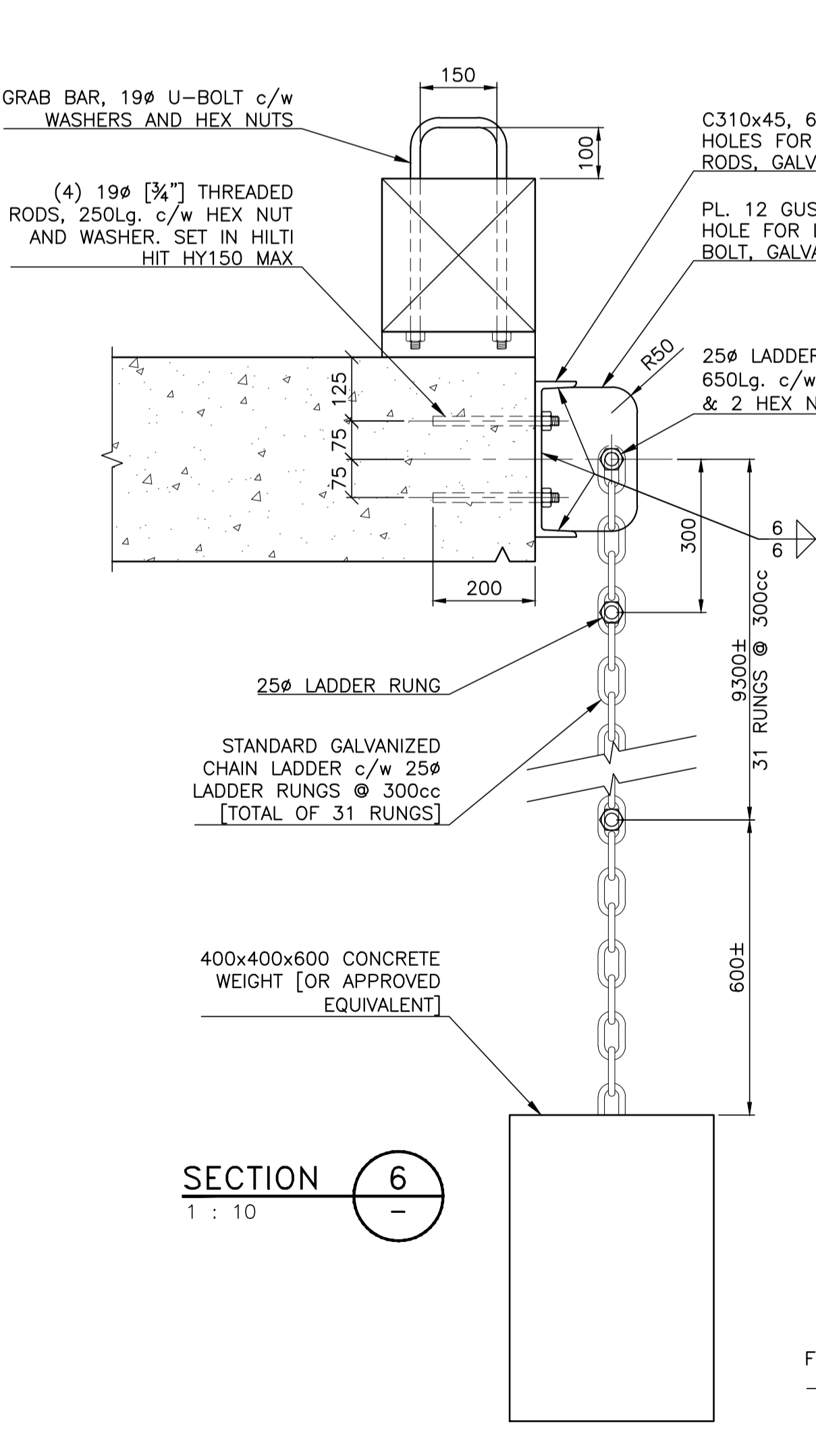
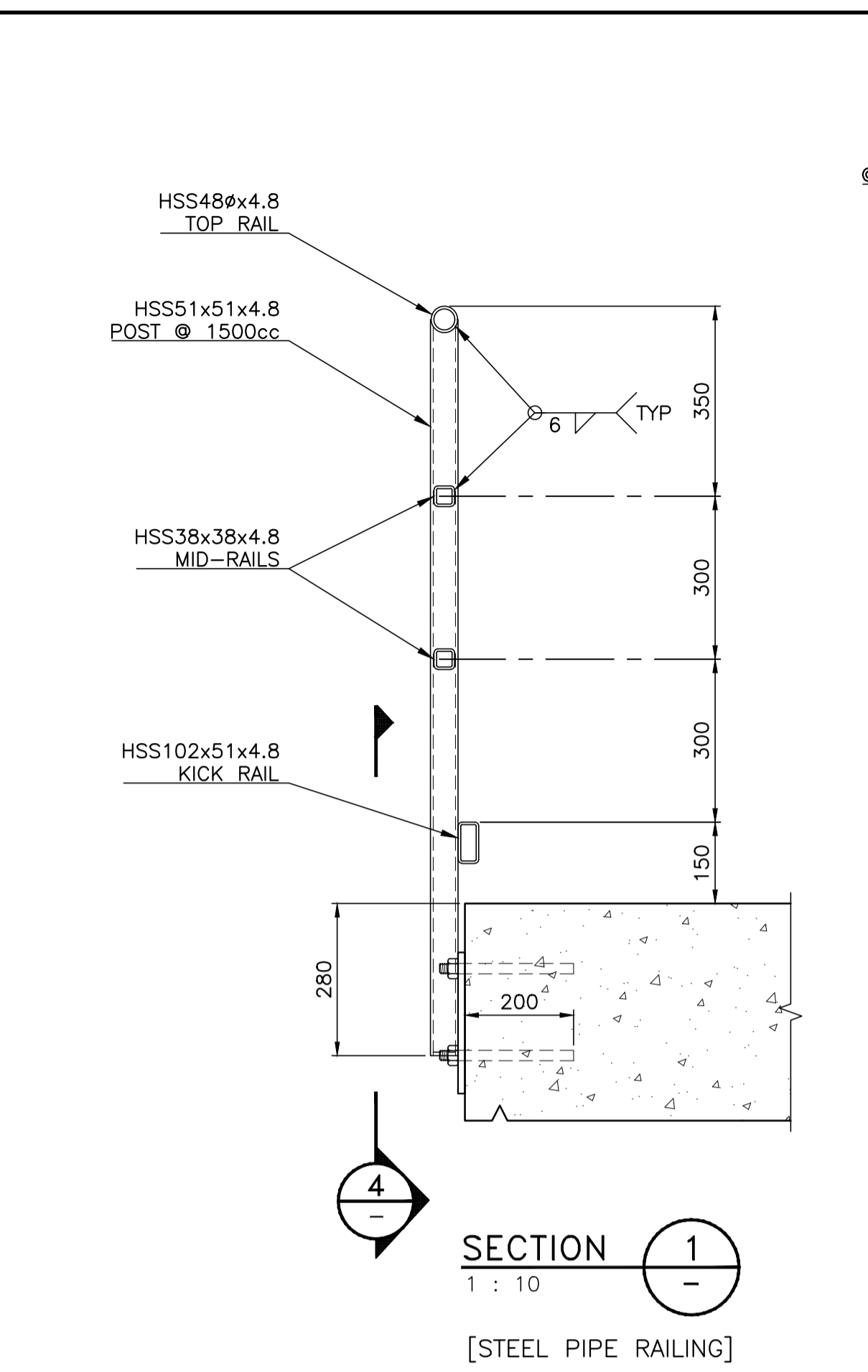
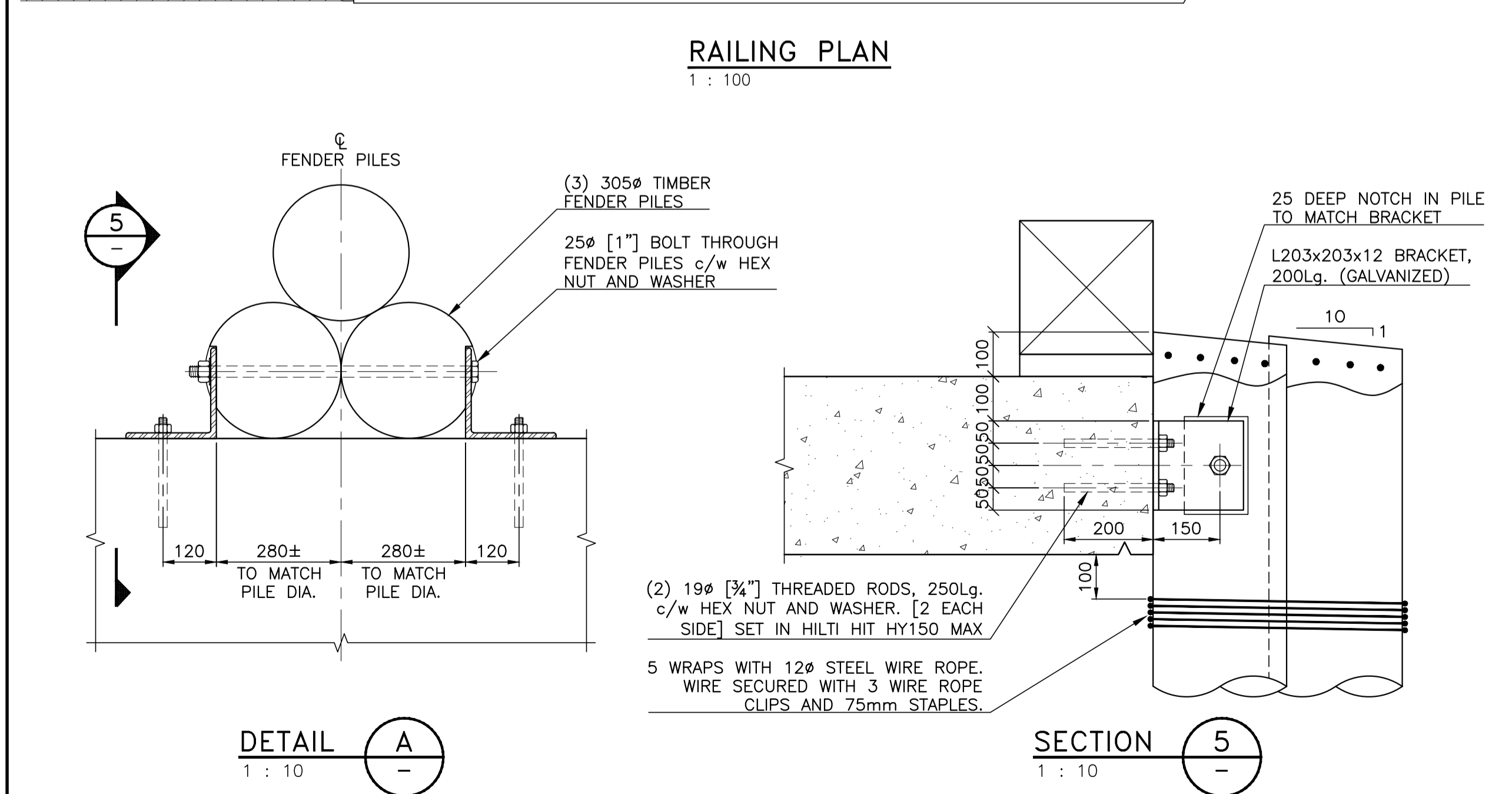
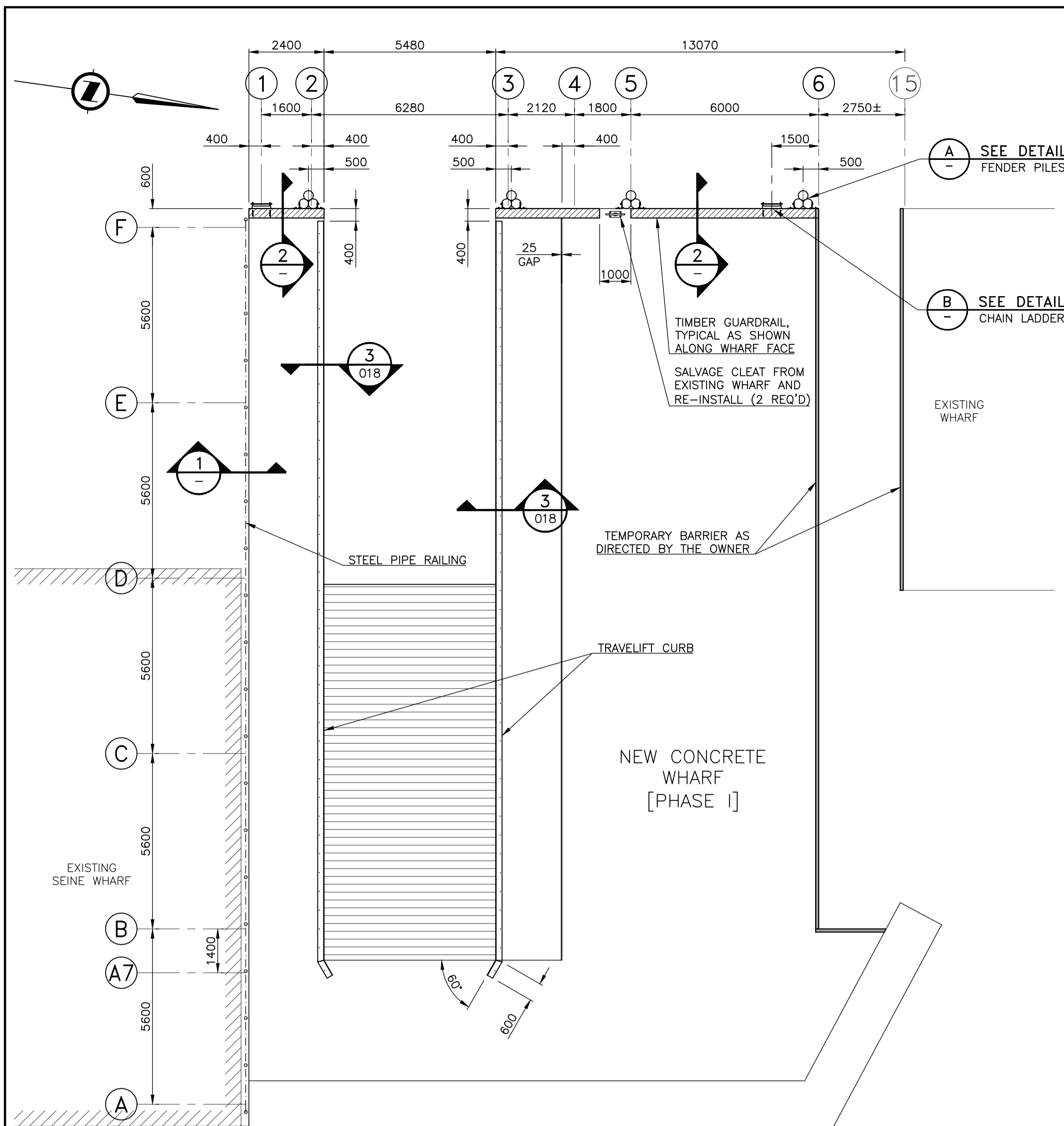
Client/client
**Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division**
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

Project title/Titre du projet
**PORT EDWARD
WHARF
RECONSTRUCTION**

Approved by/Approve par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessine par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG
Client/client
VJA
Drawing title/Titre du dessin

**CONCRETE WHARF PHASE I
STEEL STRUCTURE
SECTIONS AND DETAILS
SHEET 1 of 2**

Project No./No. du projet 216124	Sheet/Fauille 015 OF	Revision no./ La Révision no. 1
--	-----------------------------------	--



NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

VJA ENGINEERING
VILLHOLTH JENSEN & ASSOC. LTD.
CONSULTING ENGINEERS
VANCOUVER, B.C.

PROFESSIONAL
A. E. PEDERSEN
14009
P. ENG. B.C.

Revision/	Description/Description	Date/Date
1	DECK AREA REDUCED	16/11/21
0	ISSUED FOR TENDER	16/10/31

Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

Project title/Titre du projet
PORT EDWARD
WHARF RECONSTRUCTION

Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
VJA
Drawing title/Titre du dessin
**CONCRETE WHARF PHASE I
RAILING AND
MISCELLANEOUS DETAILS**

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
216124	017 OF	1



Revision/	Description/Description	Date/Date
1	SLOPE REVISED	16/11/21
0	ISSUED FOR TENDER	16/10/31

Client/client
Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

Project title/Titre du projet
PORT EDWARD

WHARF RECONSTRUCTION

Approved by/Approve par
A.P.

Designed by/Concept par
A.P.

Drawn by/Dessine par
PDM

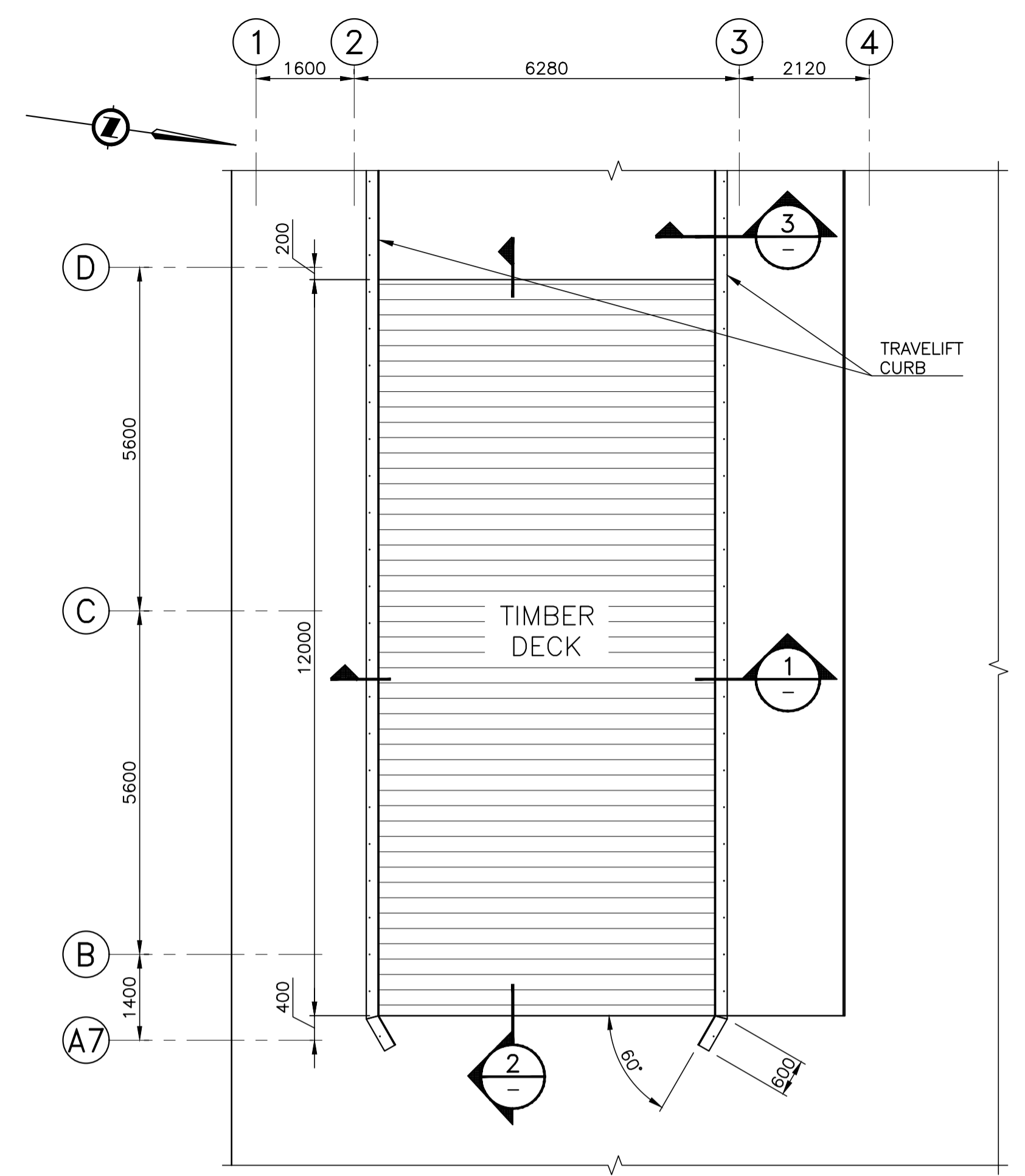
PWGSC Project Manager/Administrateur de Projets TPSSC

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSSC

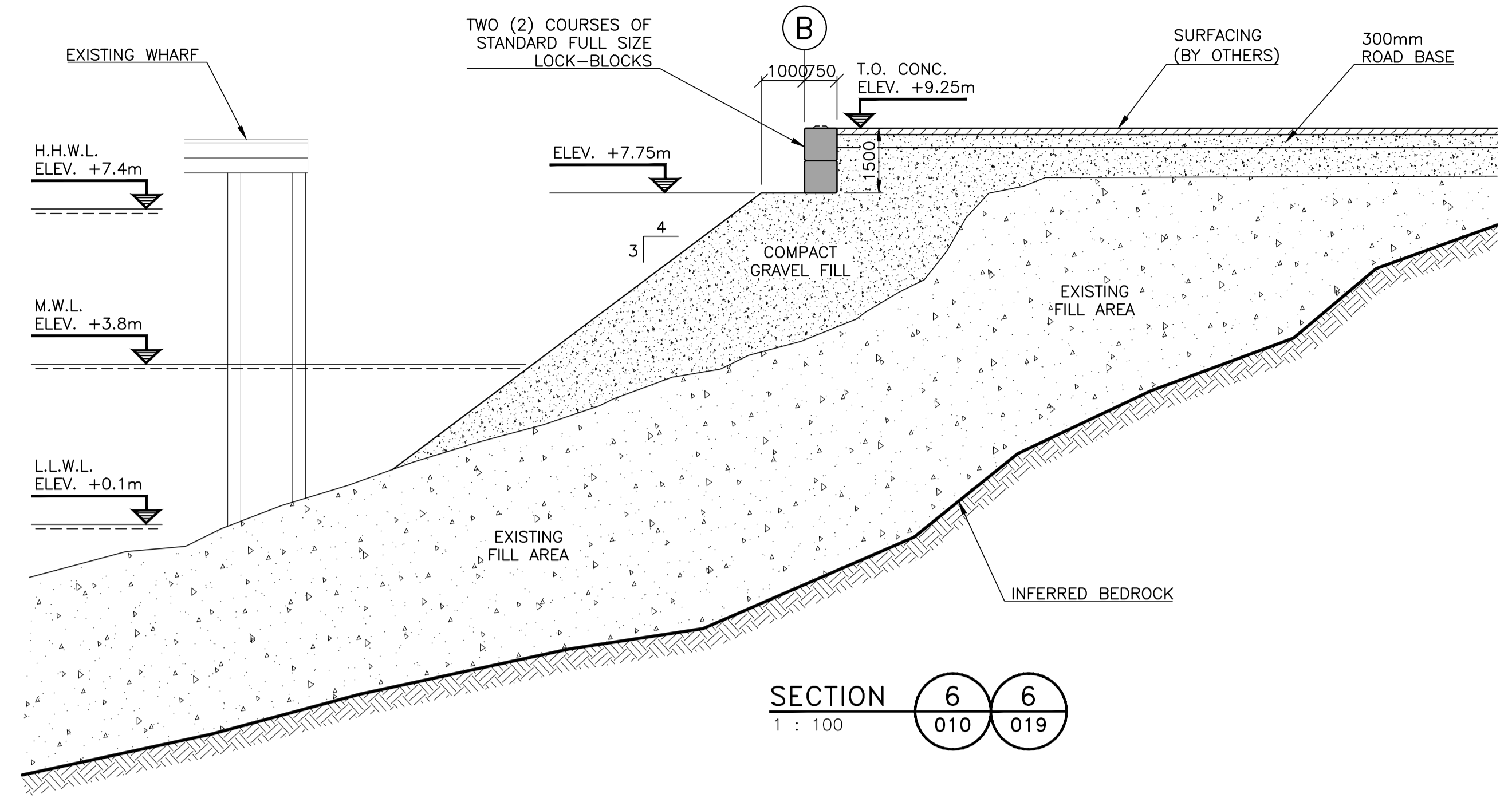
Client/client
VJA

Drawing title/Titre du dessin
CONCRETE WHARF PHASE I
TIMBER DECK AND
SLOPE PROTECTION

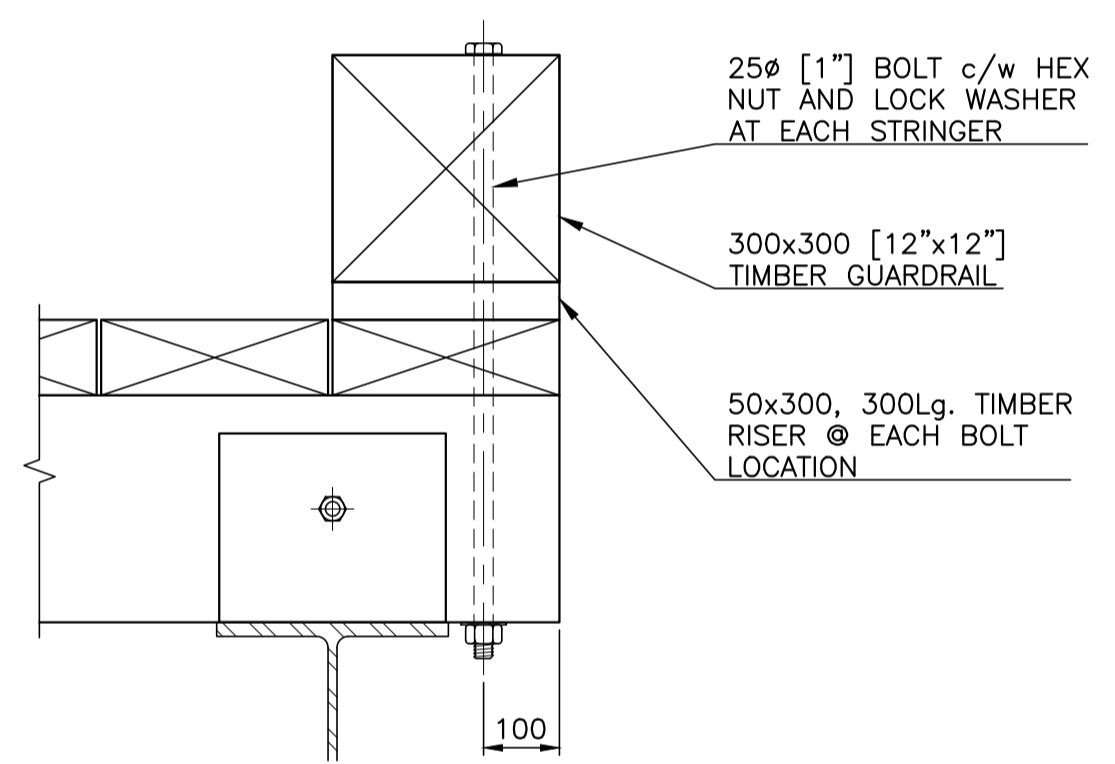
Project No./No. du projet 216124	Sheet/Fauille 018 OF	Revision no./ La Révision no. 1
--	-----------------------------------	--



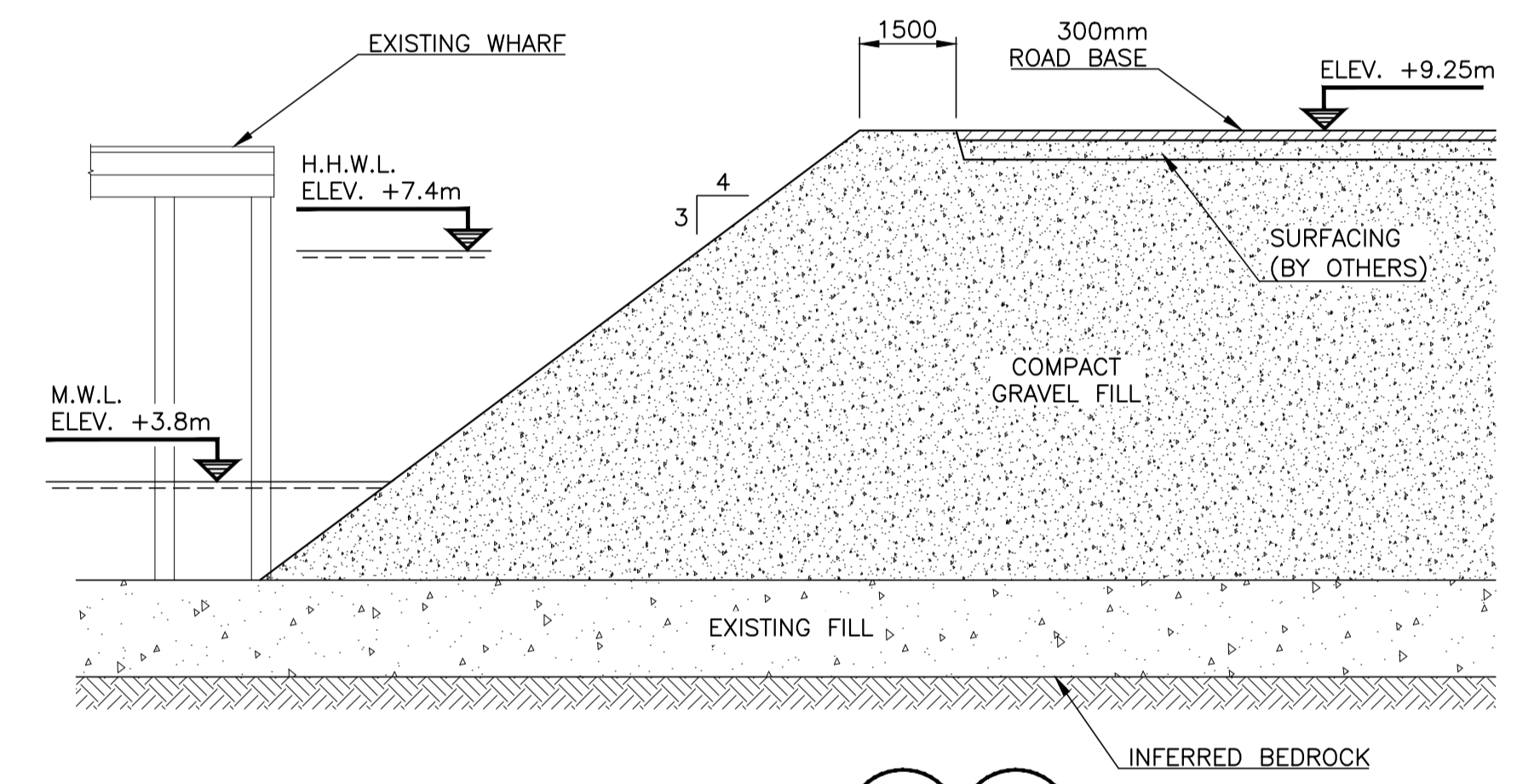
TIMBER DECK PLAN
1 : 75



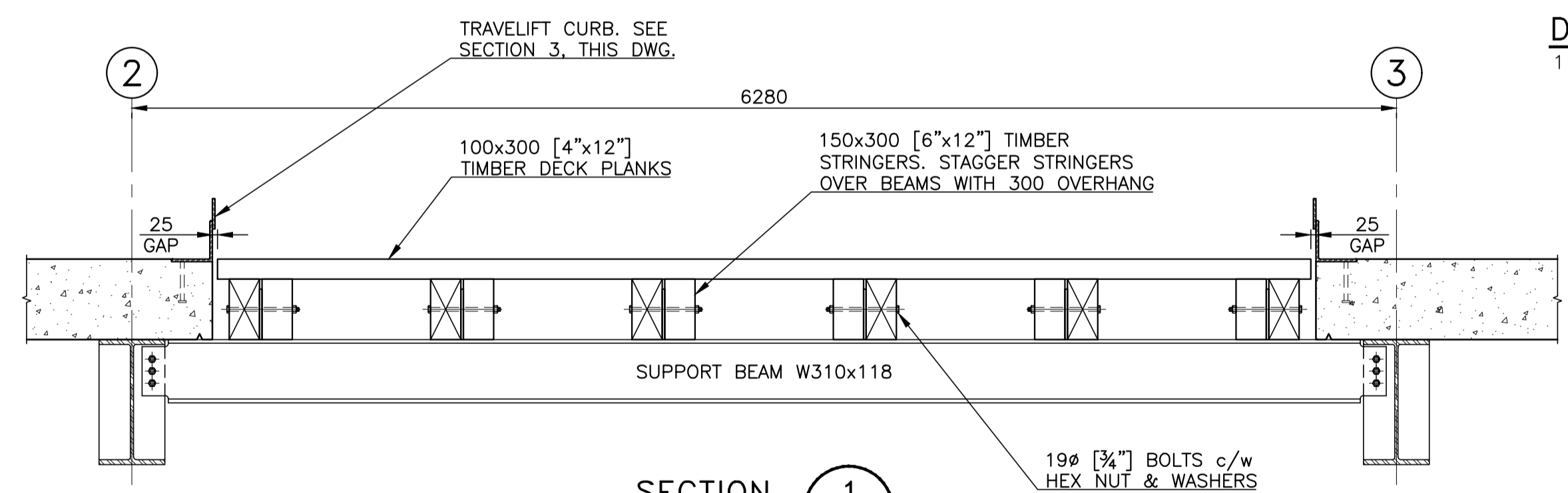
SECTION 6/6
1 : 100



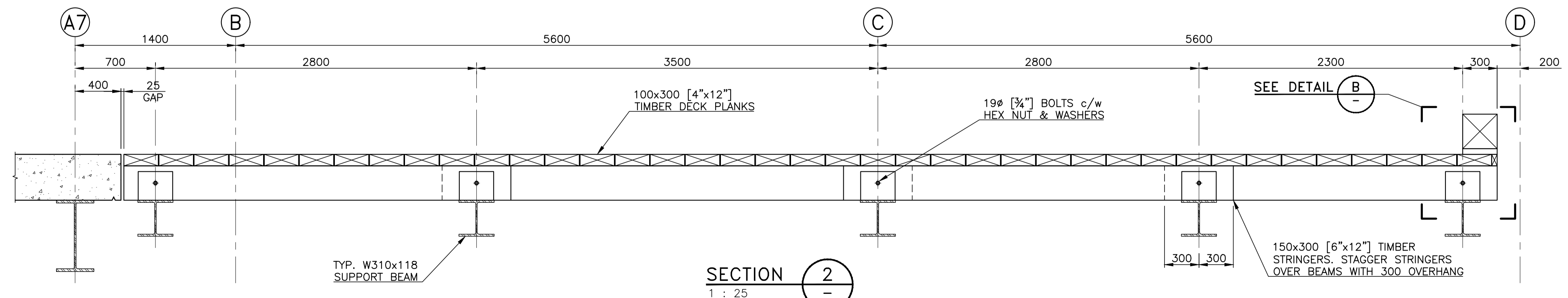
DETAIL B
1 : 10



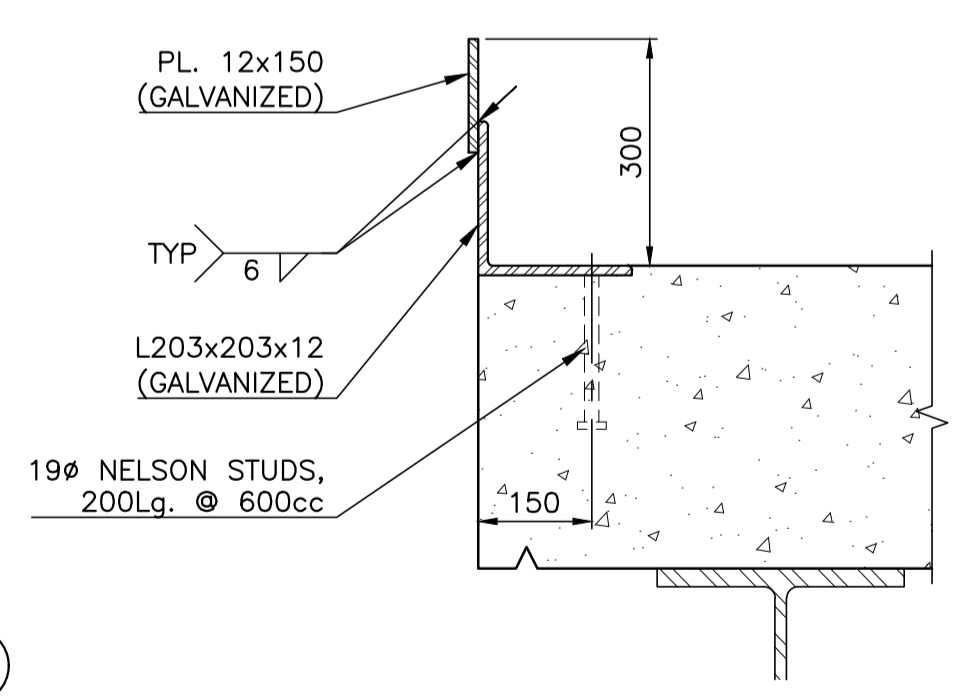
SECTION 5/5
1 : 100



SECTION 1
1 : 25

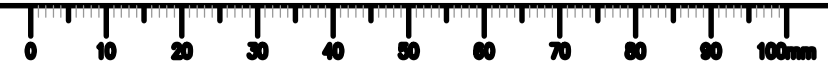


SECTION 2
1 : 25



SECTION 3
1 : 10
[TRAVELIFT PIER GALVANIZED CURB]

NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.





Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	16/11/21

Client/client
**Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division**
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

Project title/Titre du projet
**PORT EDWARD
WHARF
RECONSTRUCTION**

Approved by/Approuvé par
A.P.

Designed by/Concept par
A.P.

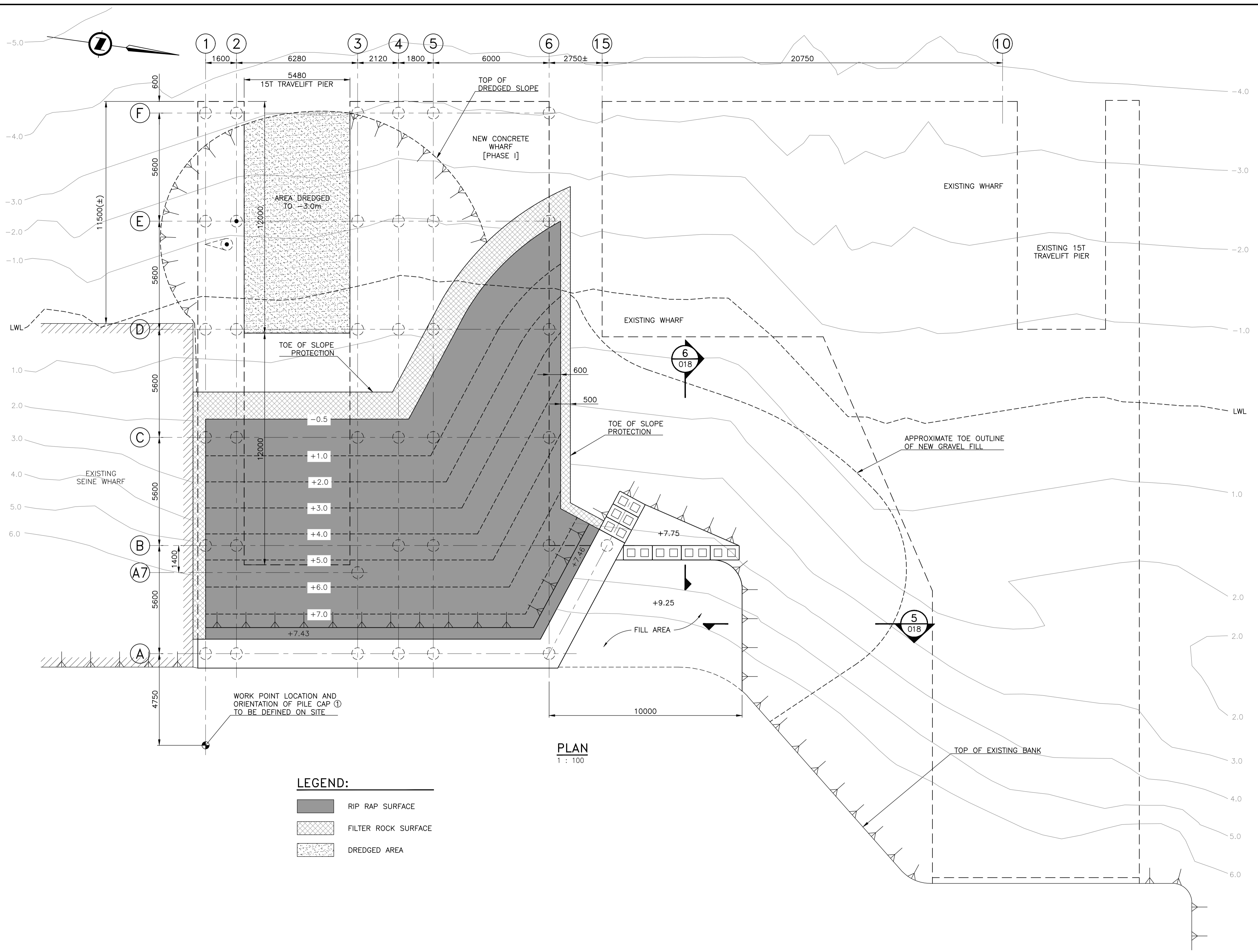
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
VJA

Drawing title/Titre du dessin
**CONCRETE WHARF PHASE I
DREDGING AND FILL PLAN**

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
216124	019 OF	0

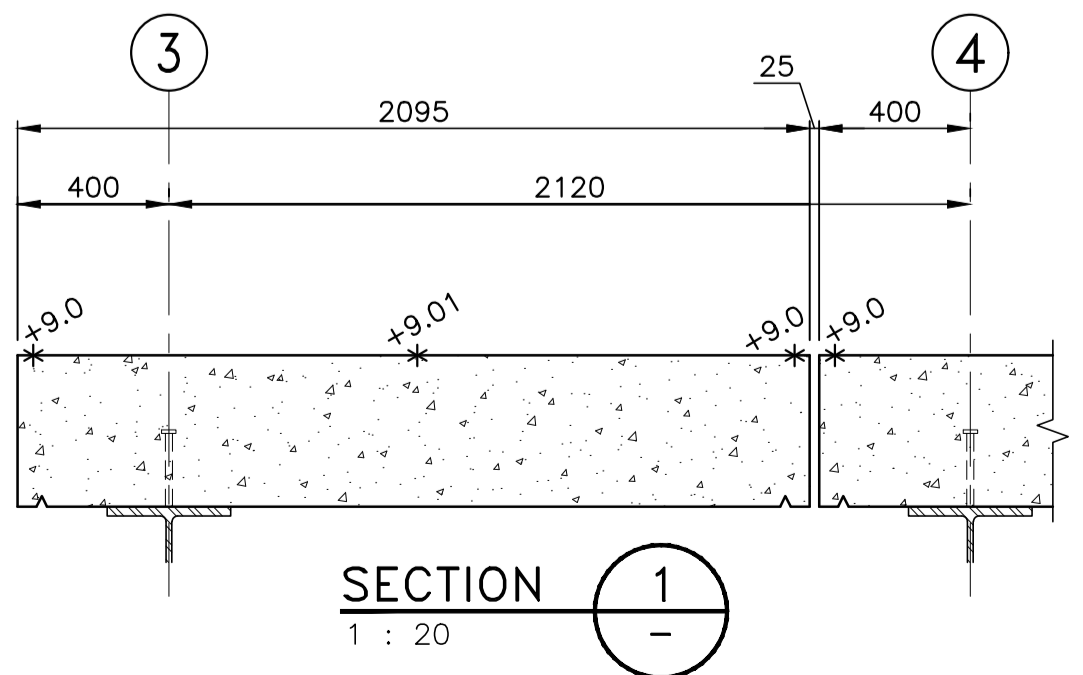
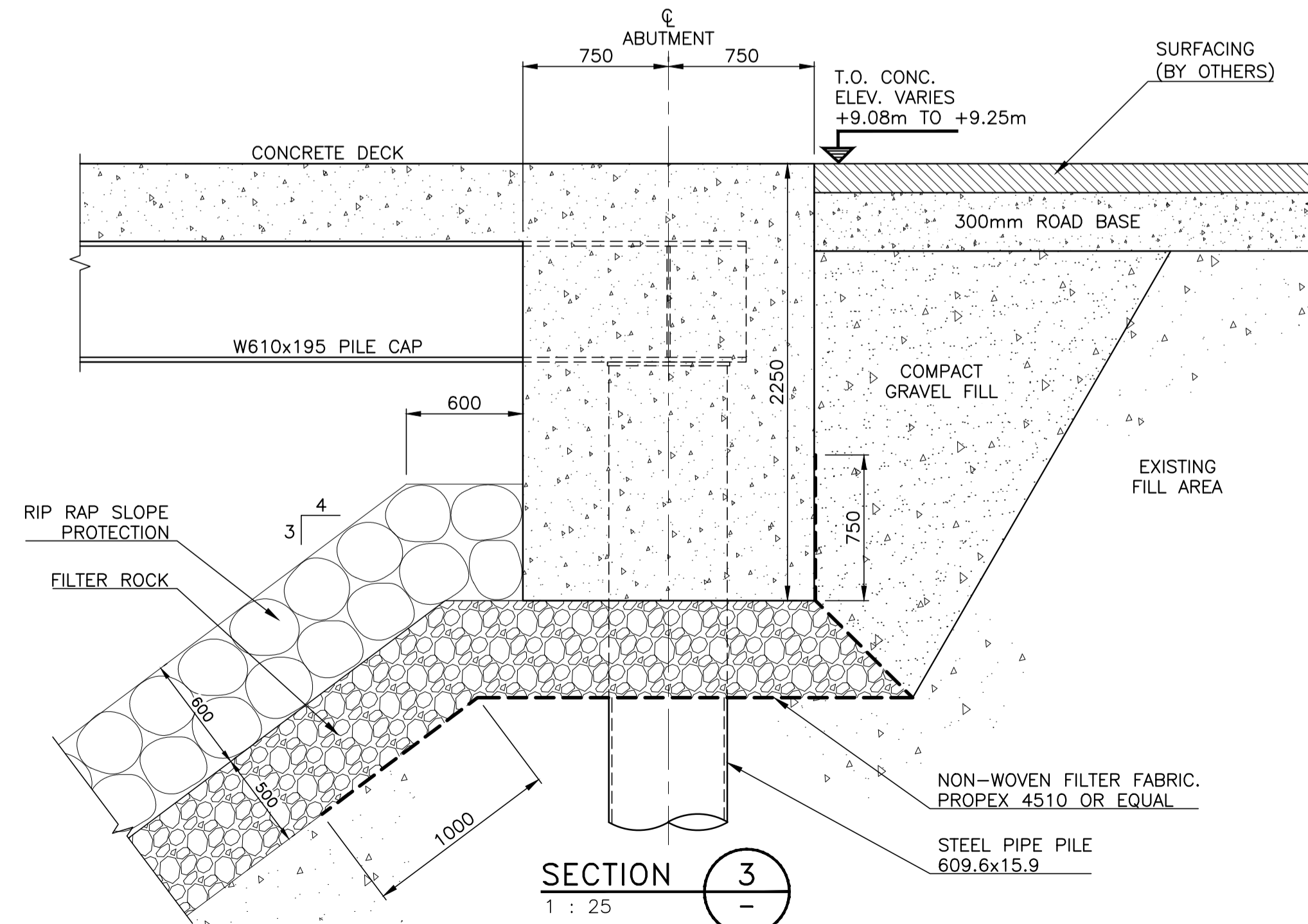
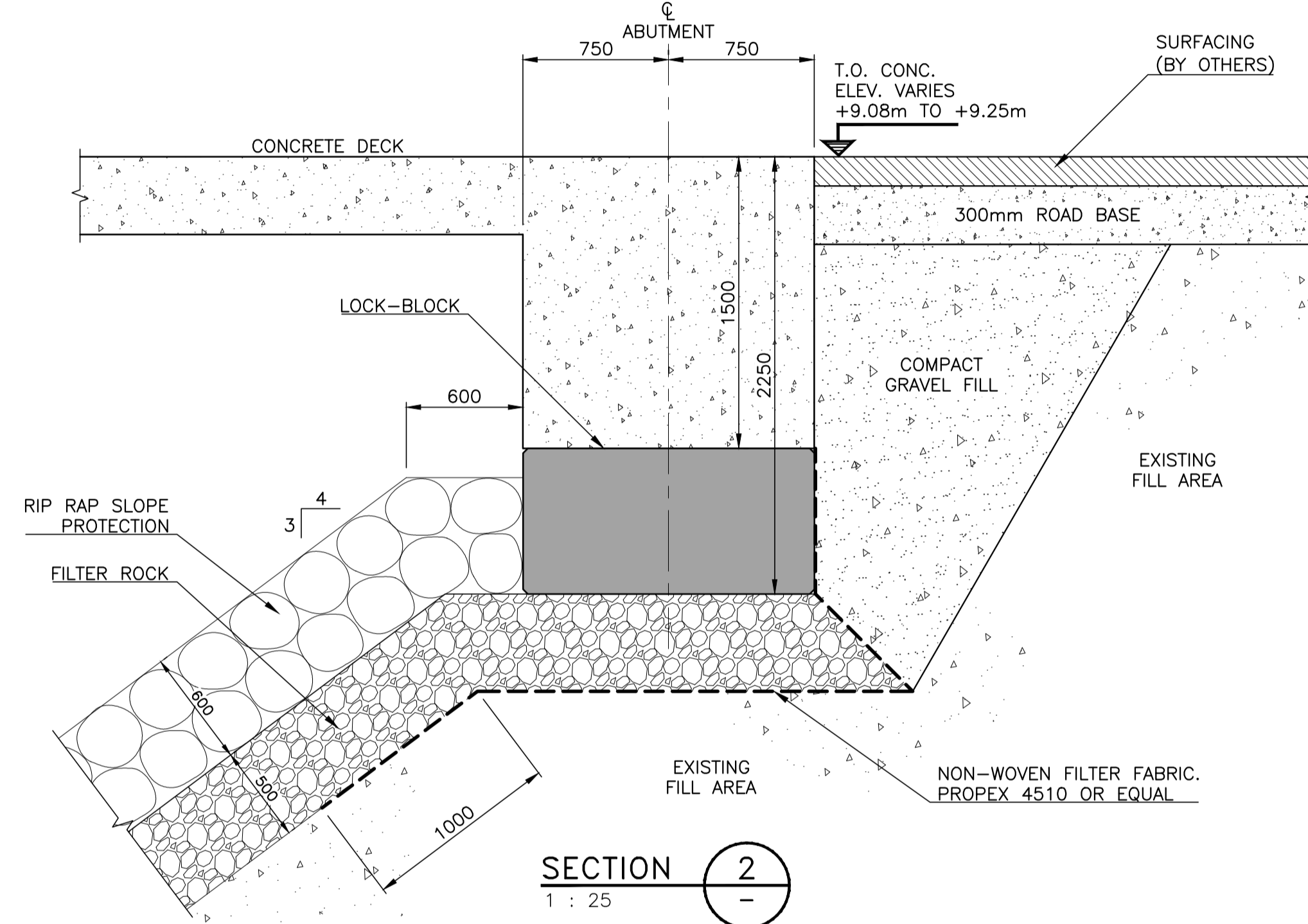
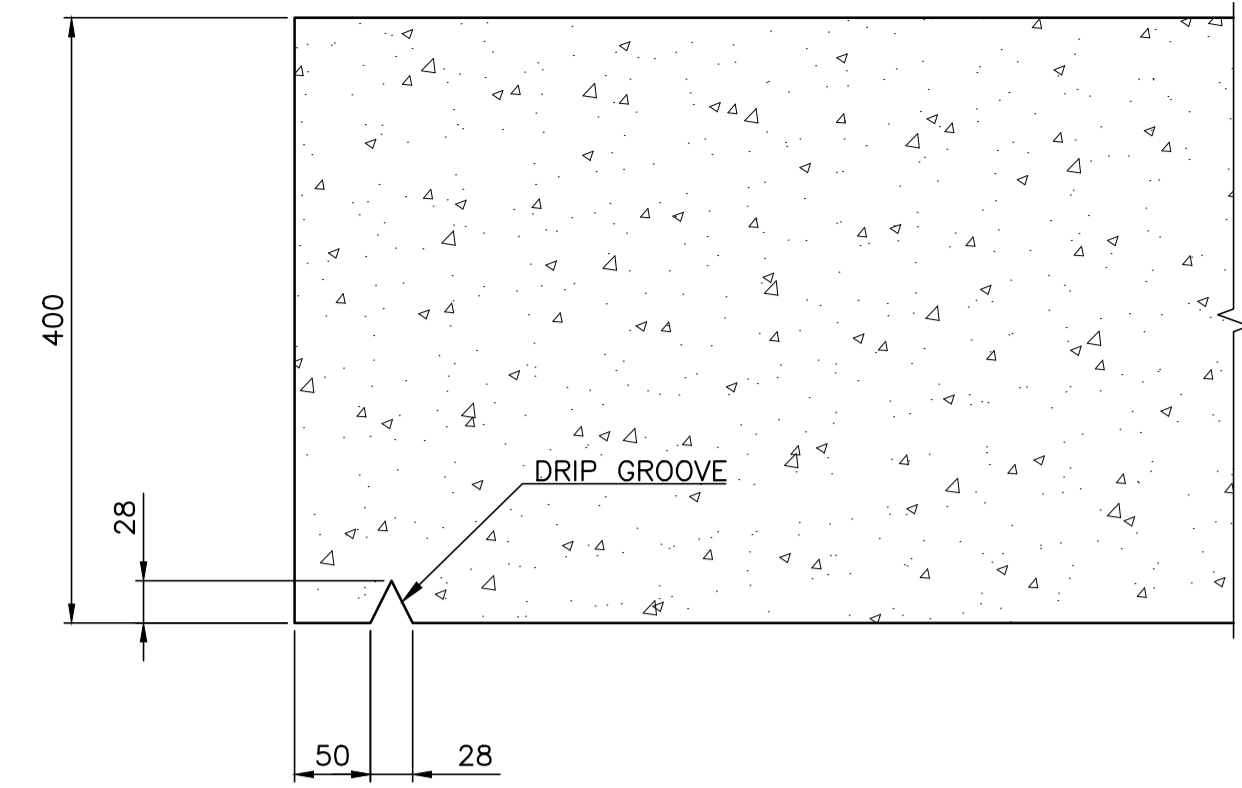
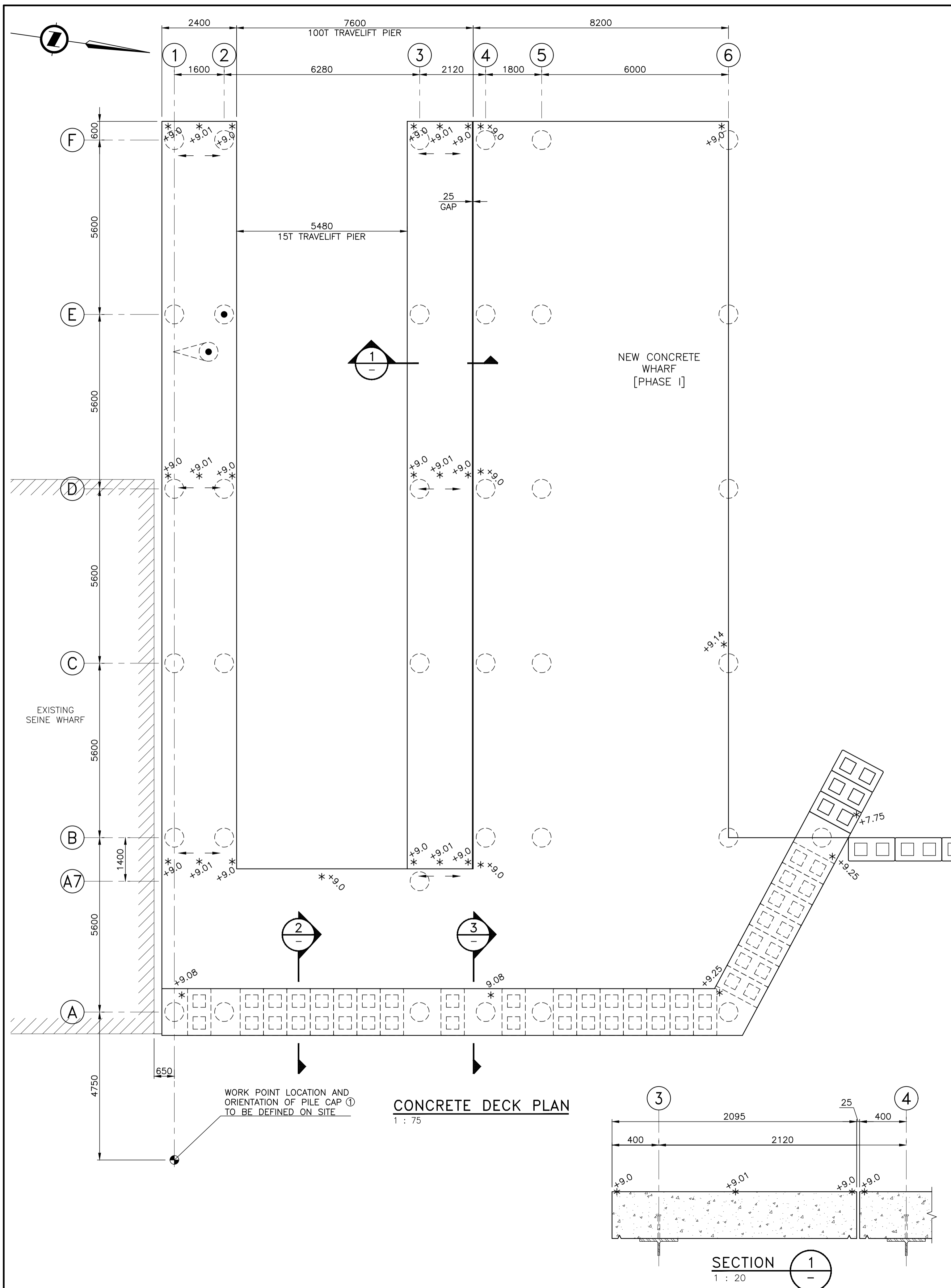


LEGEND:

	RIP RAP SURFACE
	FILTER ROCK SURFACE
	DREDGED AREA

PLAN
1 : 100

NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.



NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.



Revision/Revision	Description/Description	Date/Date
1	DECK AREA REDUCED	16/11/21
0	ISSUED FOR TENDER	16/10/31

Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

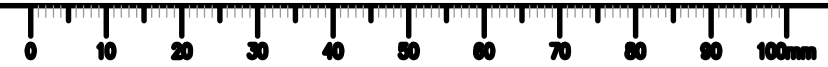
Project title/Titre du projet
PORT EDWARD WHARF RECONSTRUCTION

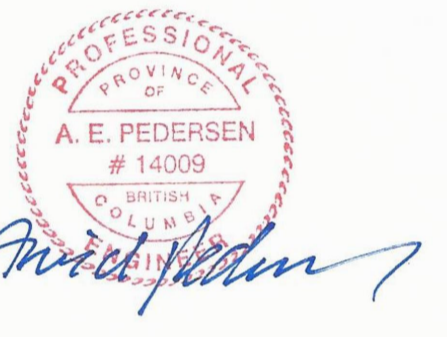
Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG

PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Client/client
VJA
Drawing title/Titre du dessin
CONCRETE WHARF PHASE I CONCRETE DECK PLAN, SECTIONS AND DETAILS

Project No./No. du projet	Sheet/Fauille	Revision no./La Révision no.
216124	020 OF	1





Revision/	Description/Description	Date/Date
1	DECK AREA REDUCED	16/11/21
0	ISSUED FOR TENDER	16/10/31

Client/client
**Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division**
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

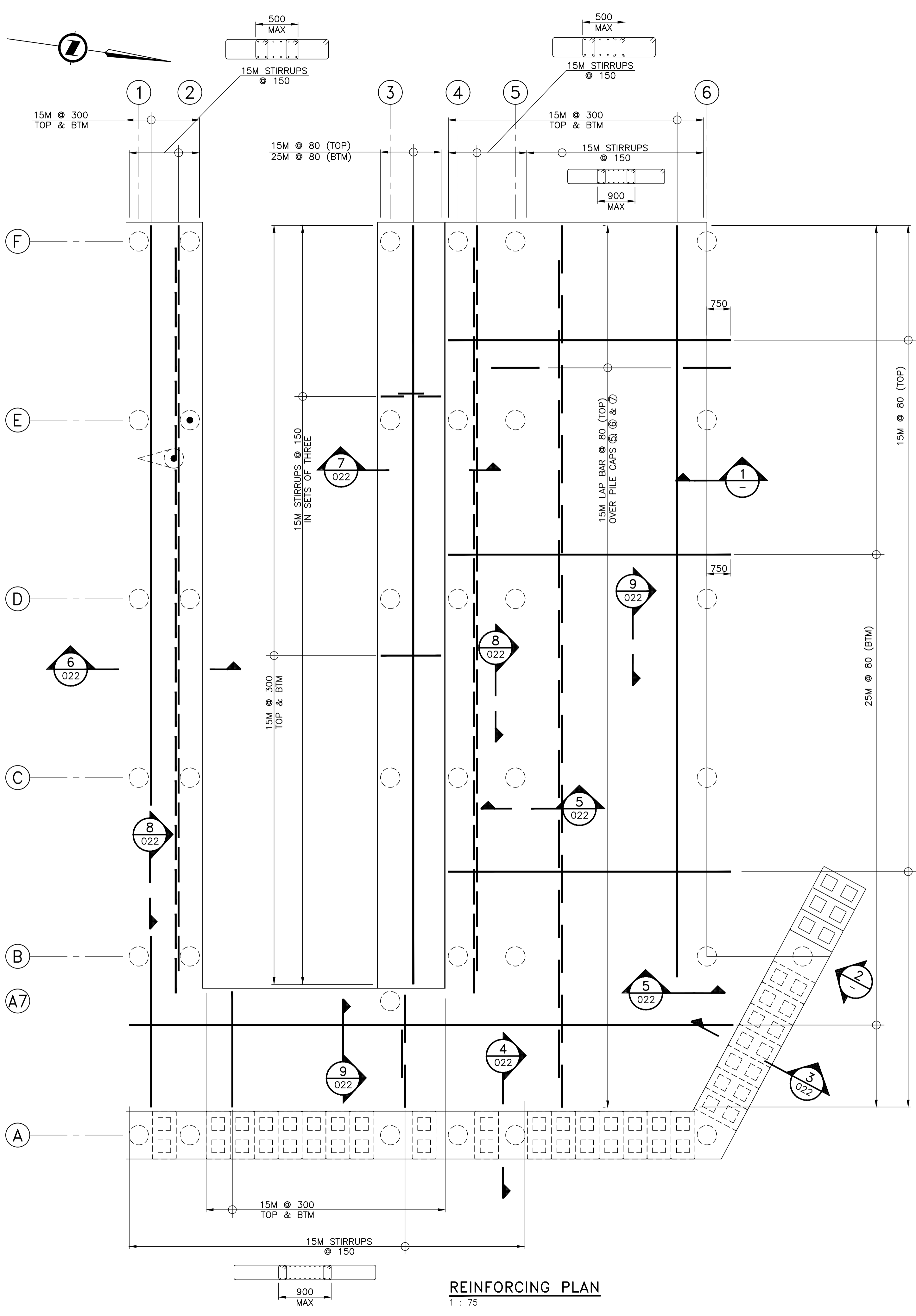
Project title/Titre du projet
**PORT EDWARD
WHARF
RECONSTRUCTION**

Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG

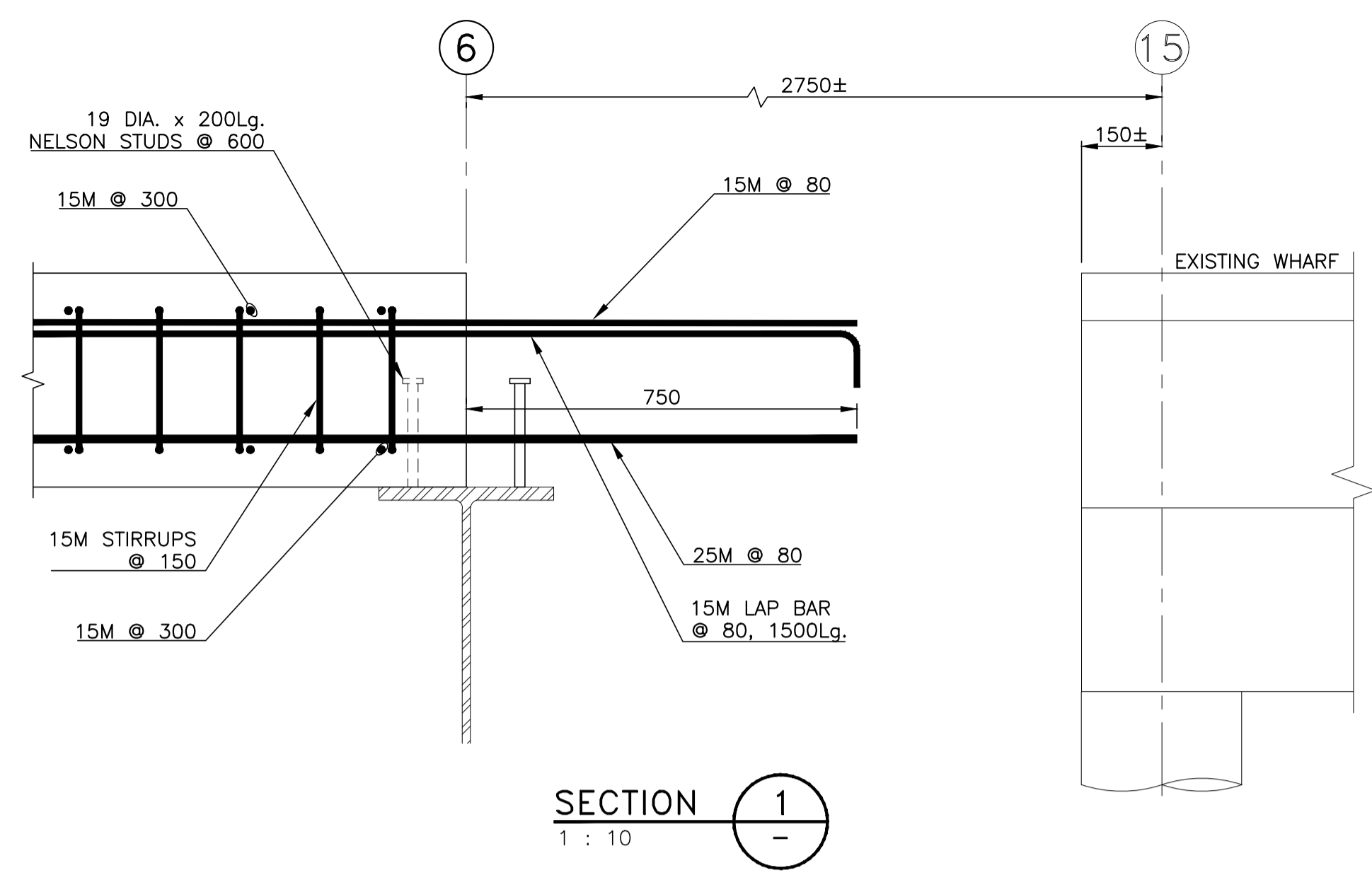
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG
Client/client
VJA

Drawing title/Titre du dessin
**CONCRETE WHARF PHASE I
CONCRETE ABUTMENT PLAN
SECTIONS AND DETAILS**

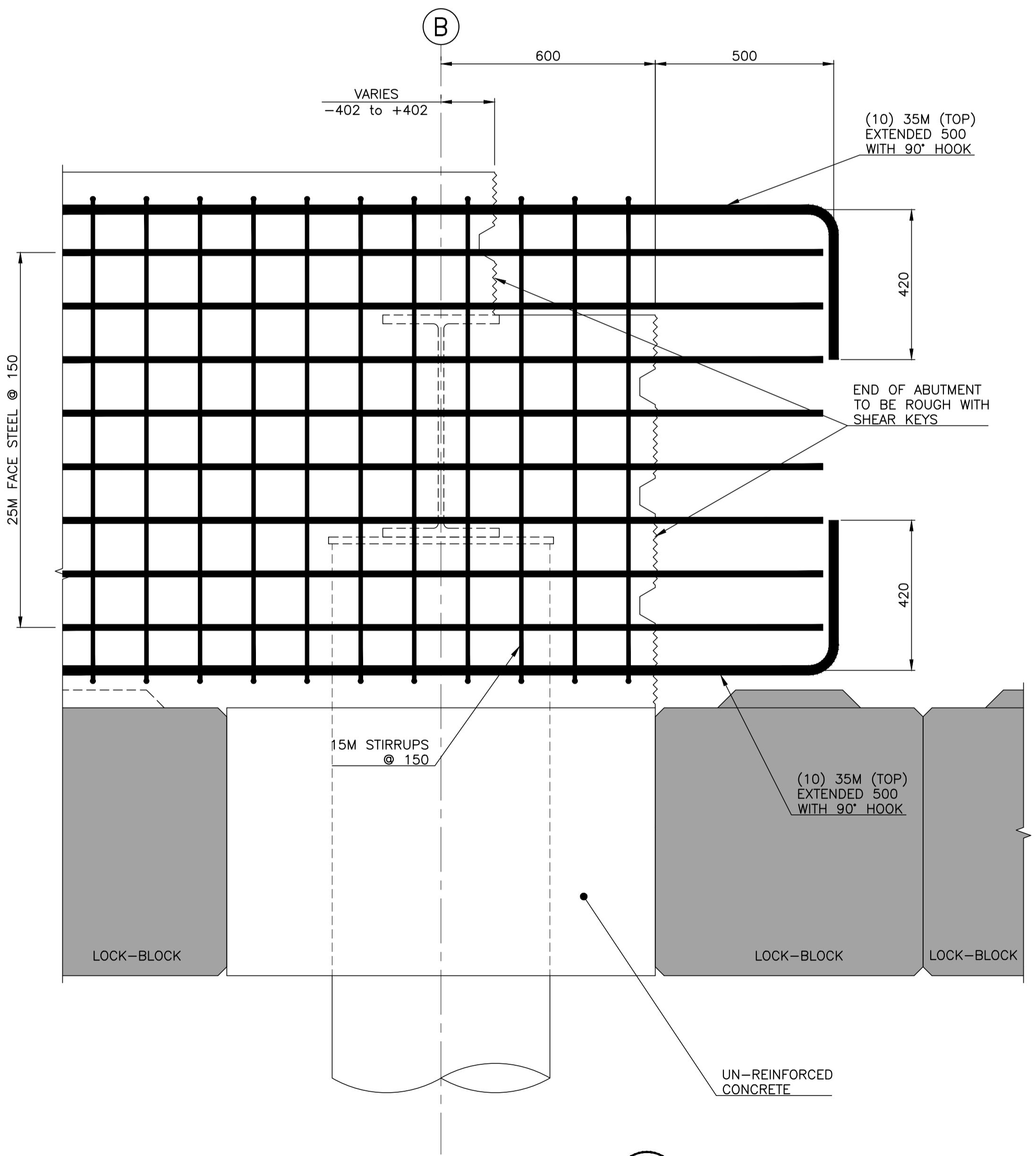
Project No./No. du projet 216124	Sheet/Fauille 021 OF	Revision no./ La Révision no. 1
--	-----------------------------------	--



REINFORCING PLAN
1 : 75



SECTION 1
1 : 10



SECTION 2
1 : 10

NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.



Revision/	Description/Description	Date/Date
1	SECTION 3 REVISED	16/11/21
0	ISSUED FOR TENDER	16/10/21

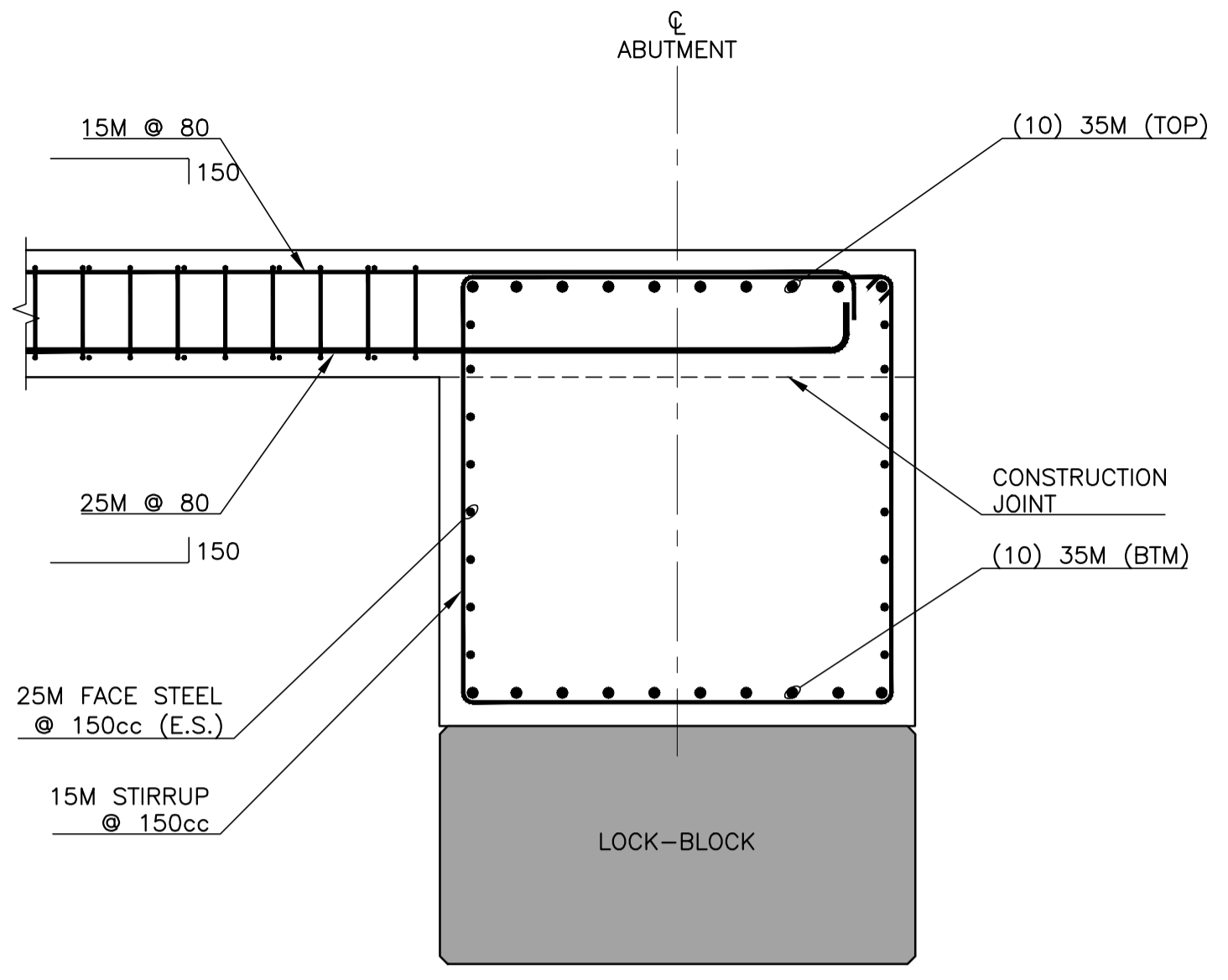
Client/client
**Fisheries & Oceans Canada
Small Craft Harbours Branch
Pacific Division**
200 - 401 Burrard Street
Vancouver, Canada, V6C 3S4

Project title/Titre du projet
**PORT EDWARD
WHARF RECONSTRUCTION**

Approved by/Approuvé par
A.P.
Designed by/Concept par
A.P.
Drawn by/Dessiné par
PDM
PWGSC Project Manager/Administrateur de Projets TPSCG

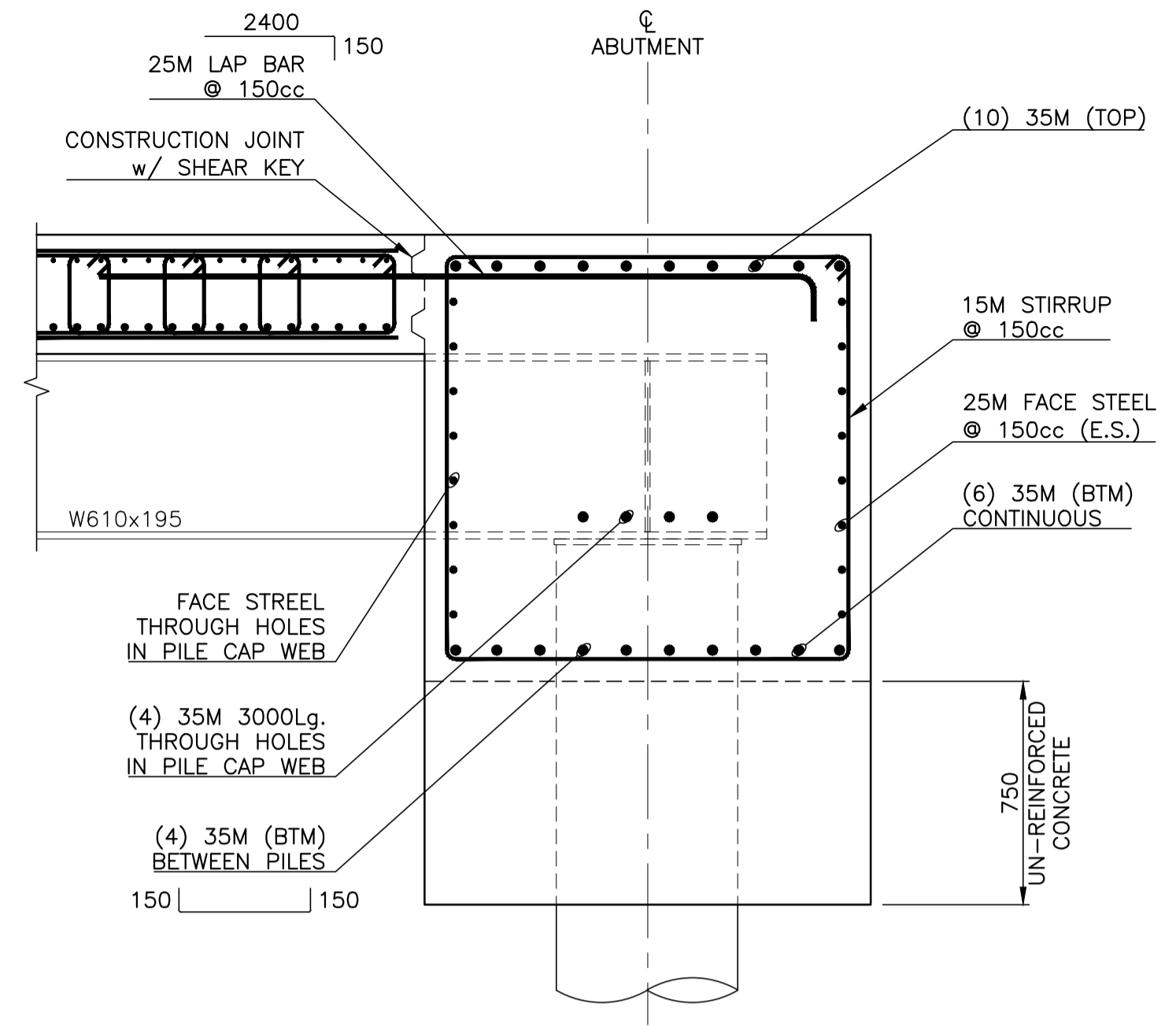
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG
Client/client
VJA
Drawing title/Titre du dessin
**CONCRETE WHARF PHASE I
REINFORCING PLAN
SECTIONS AND DETAILS**

Project No./No. du projet
216124
Sheet/Fauille
022
Revision no./La Révision no.
1



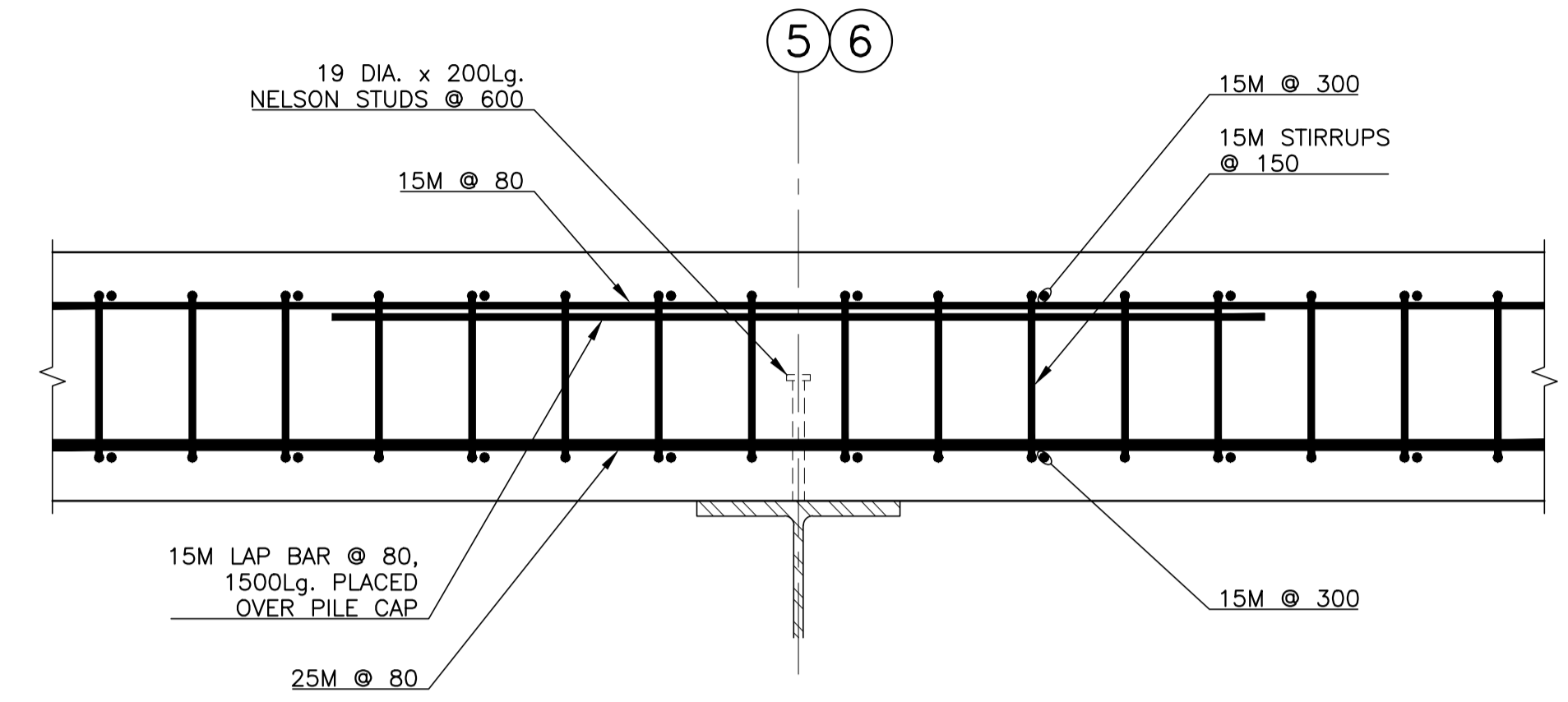
SECTION 3
1 : 20
021

[ABUTMENT SECTION BETWEEN PILE LOCATIONS]



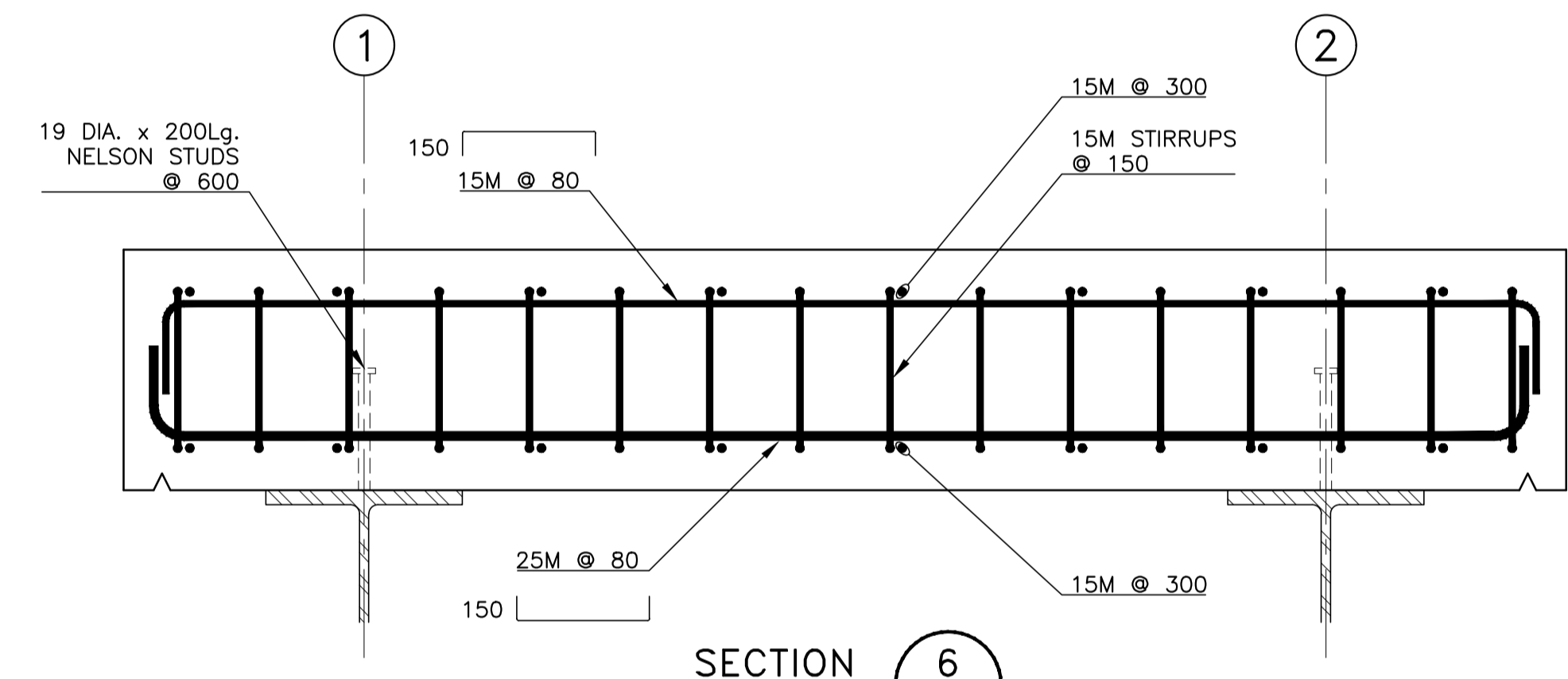
SECTION 4
1 : 20
021

[ABUTMENT SECTION AT PILE LOCATIONS]



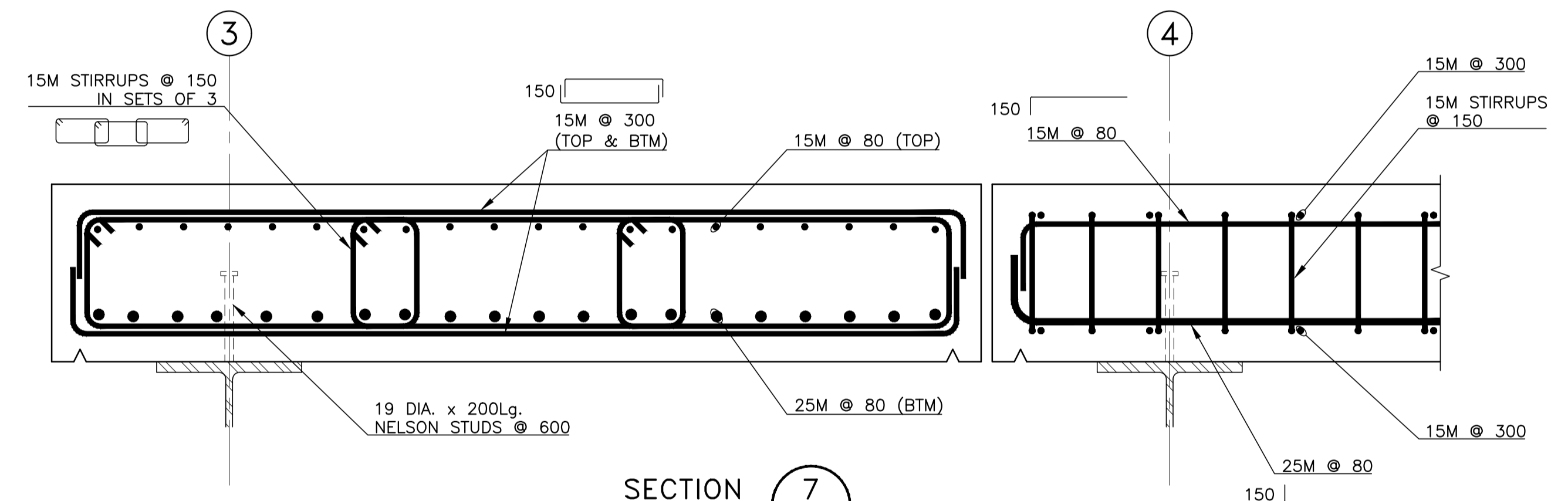
SECTION 5
1 : 20
021

[TYPICAL REINFORCING AT PILE CAPS 5 & 6a to 6b]



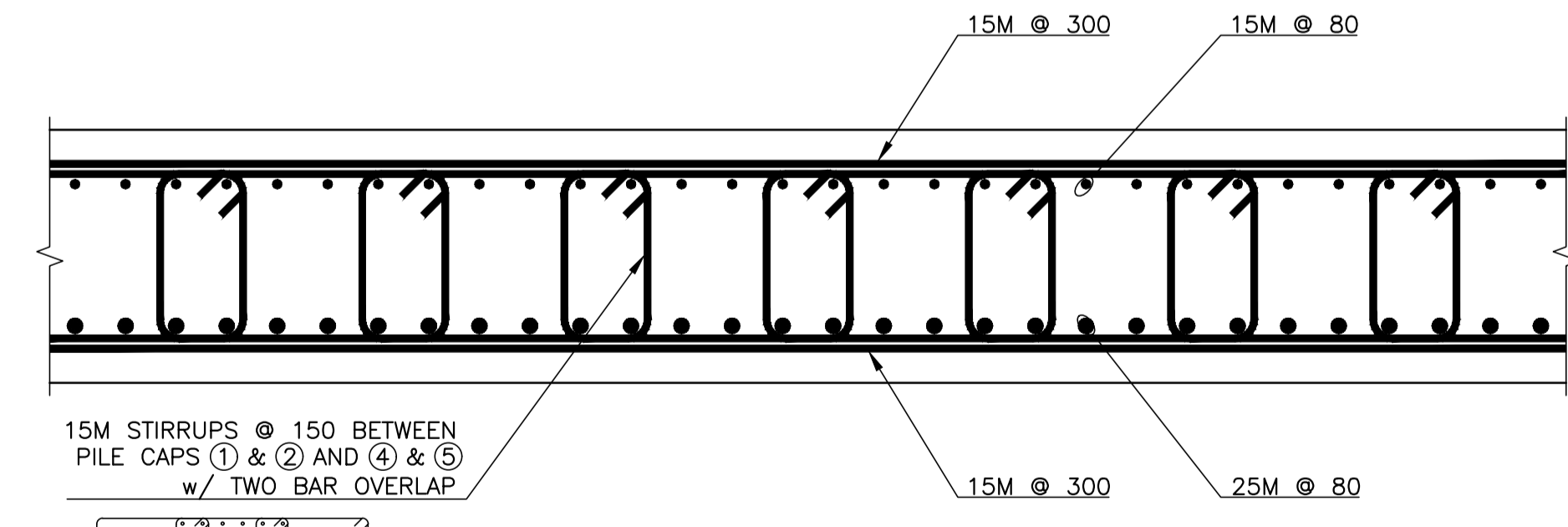
SECTION 6
1 : 10
021

[TYPICAL REINFORCING AT PILE CAPS 1 & 2]



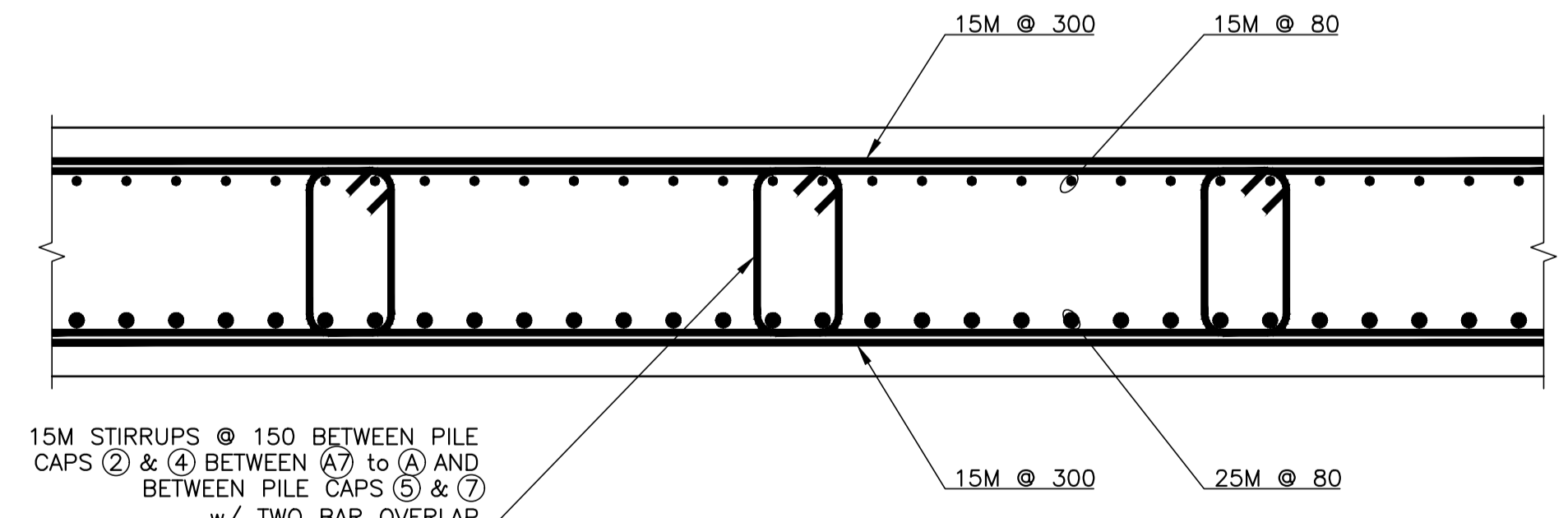
SECTION 7
1 : 10
021

[TYPICAL REINFORCING FROM A7 to C]



SECTION 8
1 : 20
021

[TYPICAL EAST/WEST REINFORCING EXCEPT BETWEEN PILE CAP 3 & 4 BETWEEN GRID A7 to F]



SECTION 9
1 : 20
021

[TYPICAL EAST/WEST REINFORCING EXCEPT BETWEEN PILE CAP 3 & 4 BETWEEN GRID A7 to F]

NOTES:
1. FOR GENERAL NOTES, REFER TO DRAWING -002.