

A

B

C

D

E

F

A

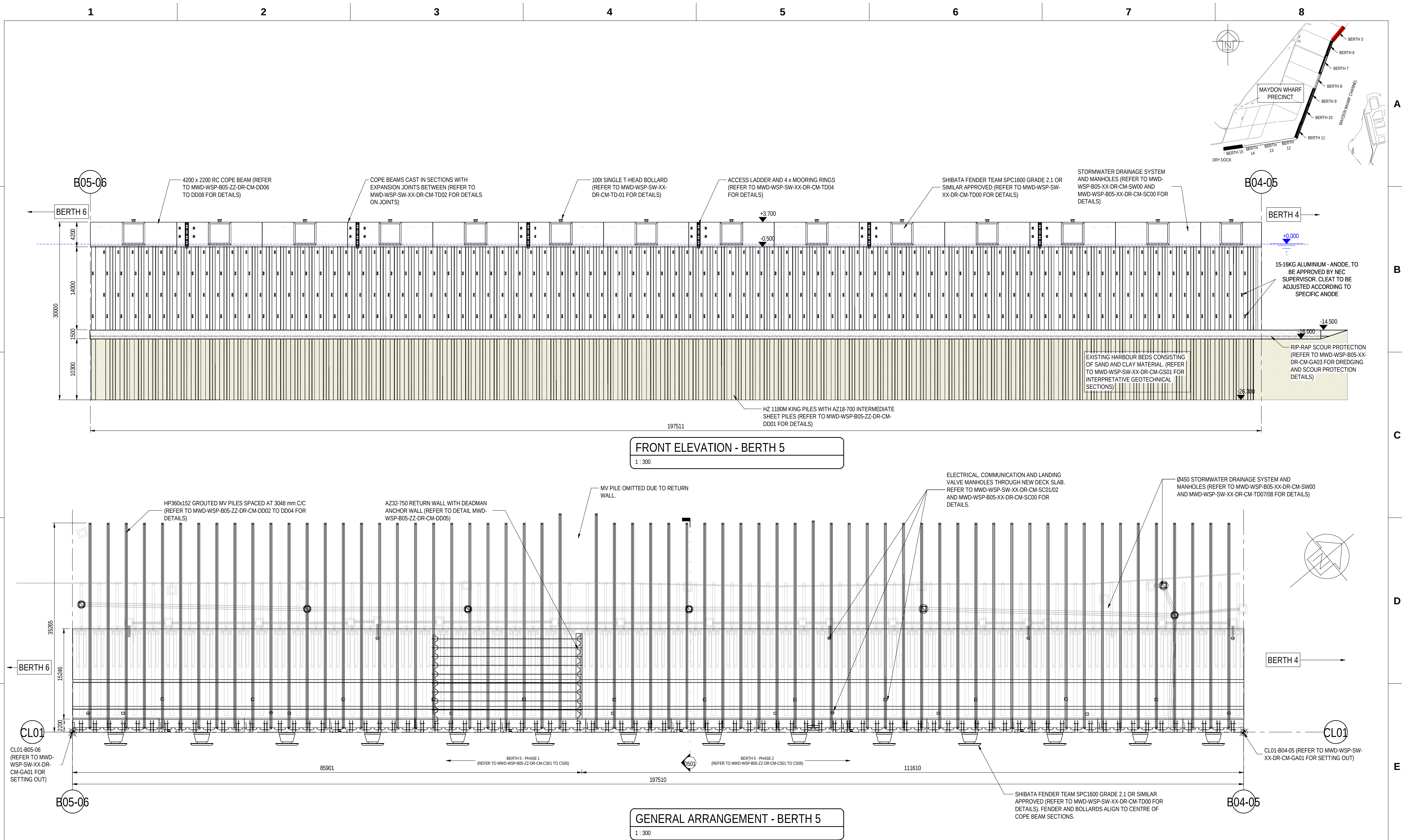
B

C

D

E

F



MWD-WSP-B05-XX-DR-CM-DD01	BERTH 5 - SLAB DETAILS
MWD-WSP-B05-XX-DR-CM-GA00	BERTH 5 - GENERAL ARRANGEMENT SHEET 1
MWD-WSP-B05-XX-DR-CM-GA01	BERTH 5 - GENERAL ARRANGEMENT SHEET 1
MWD-WSP-B05-ZZ-DR-CM-DD01	BERTH 5 - COMBIWALL DETAILS
MWD-WSP-B05-XX-DR-CM-DD03	BERTH 5 - MV ANCHOR DETAILS SHEET 2
MWD-WSP-B05-XX-DR-CM-DD04	BERTH 5 - MV ANCHOR DETAILS SHEET 3
MWD-WSP-B05-XX-DR-CM-DD05	BERTH 5 - RETURN WALL
MWD-WSP-B05-ZZ-DR-CM-DD06	BERTH 5 - COPE BEAM SHEET 1
MWD-WSP-B05-ZZ-DR-CM-DD07	BERTH 5 - COPE BEAM SHEET 1
MWD-WSP-B05-ZZ-DR-CM-DD08	BERTH 5 - COPE BEAM SHEET 1
MWD-WSP-SW-XX-DR-CM-TD01	TYPICAL DETAIL - COPE BEAM SHEET 1
MWD-WSP-SW-XX-DR-CM-TD02	TYPICAL DETAIL - COPE BEAM SHEET 2
MWD-WSP-SW-XX-DR-CM-GA01	LOCALITY PLAN
MWD-WSP-SW-XX-DR-CM-TD08	DREDGING PROFILE TYPICAL DETAIL
DRAWING NO.	REFERENCE
REFERENCE DRAWINGS	

NOTES:	DO NOT SCALE
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-XX-SP-CM-0001).	
2. FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-DR-CM-GN01 & GN02.	
3. DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING.	
4. COMBI WALL DETAILS PROVIDED IN DRAWING MWD-WSP-B05-ZZ-DR-CM-DD01.	
5. CONTRACTOR TO DETAIL AND PROVIDE SHOP DRAWINGS FOR ALL STEEL ITEMS FOR REVIEW AND APPROVAL OF THE NEC SUPERVISOR PRIOR TO THE START OF THE FABRICATION.	
6. REFER TO THE TECHNICAL SPECIFICATIONS AND GENERAL NOTES (MWD-WSP-XX-XX-DR-CM-GN01) FOR MINIMUM WELD SIZE REQUIREMENTS.	
7. REQUIRED HORIZONTAL FORCE (SLS) IN ANCHOR PILE = 1230 kN.	



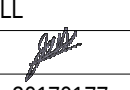
The Pavilion, 1st Floor, Corner Portswood and Beach Rd, Waterfront, Cape Town 8001
Tel: +27 21 481 8700 Fax: +27 21 481 8799
<http://www.wsp.com>

© WSP in Africa

DRAWING NO: 43102676

MWD-WSP-B05-XX-DR-CM-GA00

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
REVISIONS					
This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.					

CONTRACTOR / CONSULTANT				TRANSNET NATIONAL PORTS PROJECTS			
TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE
DRAWN	CG		08/11/2024				
CHECKED	TN		08/11/2024				
DESIGNED	MM		08/11/2024				
APPROVED	JM		08/11/2024				
OPERATING DIVISIONS							
TITLE	NAME	SIGN	DATE				
				PR.ENG. / PR.TECH./PR. ARCH			
				NAME	JA MELVILL		DATE
				SIGNATURE			08/11/2024
				REG. NUMBER	20170177		
				SCALE :	AS SHOWN		A1

Transnet National Ports Authority

TRANSNET LTD REG. NO. 199000090090
237 MAHATMA GANDHI ROAD
DURBAN TEL: 031 361 1696
P.O. BOX 31683, DURBAN FAX: 0866 770815



AREA	TITLE	DRAWING NO.	SHEET	REV	PRECINCT
DH 6#	A-Z				XXXXXX

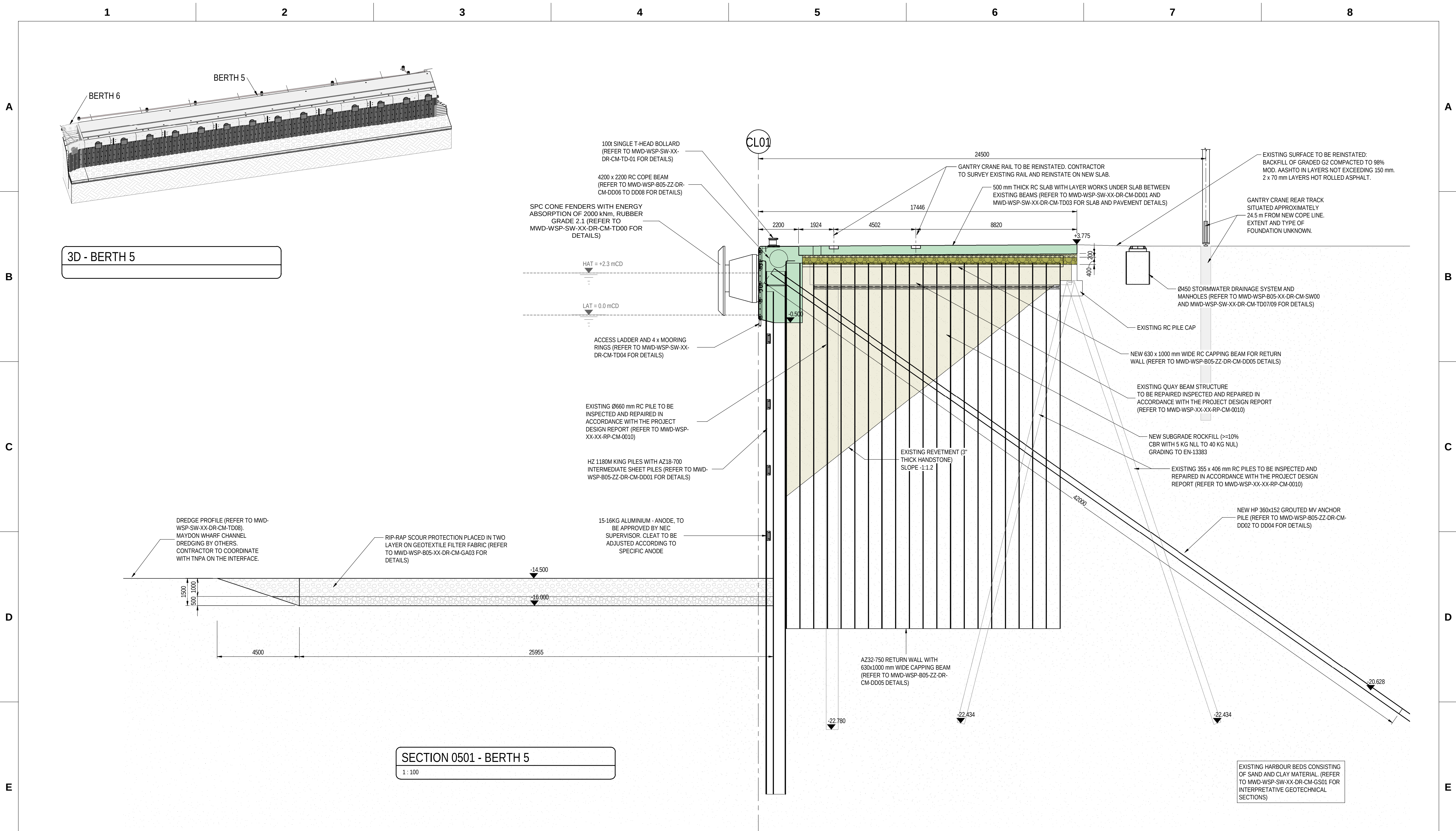
PORT OF DURBAN

MAYDON WHARF BERTH DEEPENING
PORT OF DURBAN
BERTH 5 SHEET 1
GENERAL ARRANGEMENT

PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
							00	TD

Autodesk Docs: Maydon Wharf Berth DeepeningMWD-WSP-SW-ZZ-AG-CA000_MASTER.rvt 2024/11/11 14:22:50

Last saved in Autodesk Revit 2023.



MWD-WSP-B05-XX-DR-CM-DD01	BERTH 5 - SLAB DETAILS
MWD-WSP-B05-XX-DR-CM-GA00	BERTH 5 - GENERAL ARRANGEMENT SHEET 1
MWD-WSP-B05-XX-DR-CM-GA01	BERTH 5 - GENERAL ARRANGEMENT SHEET 2
MWD-WSP-B05-ZZ-DR-CM-DD01	BERTH 5 - COMBIWALL DETAILS
MWD-WSP-B05-ZZ-DR-CM-DD03	BERTH 5 - MV ANCHOR DETAILS SHEET 2
MWD-WSP-B05-ZZ-DR-CM-DD04	BERTH 5 - MV ANCHOR DETAILS SHEET 3
MWD-WSP-B05-XX-DR-CM-DD05	BERTH 5 - RETURN WALL
MWD-WSP-B05-ZZ-DR-CM-DD06	BERTH 5 - COPE BEAM SHEET 1
MWD-WSP-B05-ZZ-DR-CM-DD07	BERTH 5 - COPE BEAM SHEET 2
MWD-WSP-B05-ZZ-DR-CM-DD08	BERTH 5 - COPE BEAM SHEET 2
MWD-WSP-SW-XX-DR-CM-TD01	TYPICAL DETAIL - COPE BEAM SHEET 1
MWD-WSP-SW-XX-DR-CM-TD02	TYPICAL DETAIL - COPE BEAM SHEET 2
MWD-WSP-SW-XX-DR-CM-GA01	LOCALITY PLAN
MWD-WSP-SW-XX-DR-CM-TD08	DREDGING PROFILE TYPICAL DETAIL
DRAWING NO.	REFERENCE

REFERENCE DRAWINGS

- NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-XX-SP-CM-0001).
 - FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-XX-DR-CM-GN01 & GN02.
 - DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING.
 - COMBI WALL DETAILS PROVIDED IN DRAWING MWD-WSP-B05-ZZ-DR-CM-DD01.
 - CONTRACTOR TO DETAIL AND PROVIDE SHOP DRAWINGS FOR ALL STEEL ITEMS FOR REVIEW AND APPROVAL OF THE NEC SUPERVISOR PRIOR TO THE START OF THE FABRICATION.
 - REFER TO THE TECHNICAL SPECIFICATIONS AND GENERAL NOTES (MWD-WSP-XX-XX-DR-CM-GN01) FOR MINIMUM WELD SIZE REQUIREMENTS.
 - REQUIRED HORIZONTAL FORCE (SLS) IN ANCHOR PILE = 1230 kN.

DO NOT SCALE



The Pavilion, 1st Floor, Corner Portswood and Beach Rd, Waterfront, Cape Town 8001
Tel: +27 21 481 8700 Fax: +27 21 481 8799
<http://www.wsp.com>

© WSP in Africa

DRAWING NO: 43102676

MWD-WSP-B05-XX-DR-CM-GA01

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
REVISIONS					
This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.					

CONTRACTOR / CONSULTANT				TRANSNET CAPITAL PROJECTS			
TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE
DRAWN	CG		08/11/2024				
CHECKED	TN		08/11/2024				
DESIGNED	MM		08/11/2024				
APPROVED	JM		08/11/2024				
OPERATING DIVISIONS							
TITLE	NAME	SIGN	DATE				
				PR.ENG. / PR.TECH./PR. ARCH			
				NAME	JA MELVILL		DATE
				SIGNATURE			08/11/2024
				REG. NUMBER	20170177		
				SCALE	AS SHOWN		A1

TRANSNET LTD REG. NO. 129000090090

237 MAHATMA GANDHI ROAD

DURBAN TEL: 031 361 1696

P.O. BOX 31683, DURBAN FAX: 0866 770815



transnet ports
authority

AREA	TITLE	DRAWING NO.	SHEET	REV	PRECINCT	
DH 6#	A-Z				XXXXXX	

PORT OF DURBAN

MAYDON WHARF BERTH DEEPENING

PORT OF DURBAN

BERTH 5 SHEET 2

GENERAL ARRANGEMENT

PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
						00	TD	

**F**

Autodesk Docs: Maydon Wharf Berth DeepeningMWD-WSP-SW-ZZ-AG-CA000_MASTE04 2024/11/11 14:26:07

A

B

C

D

E

F

A

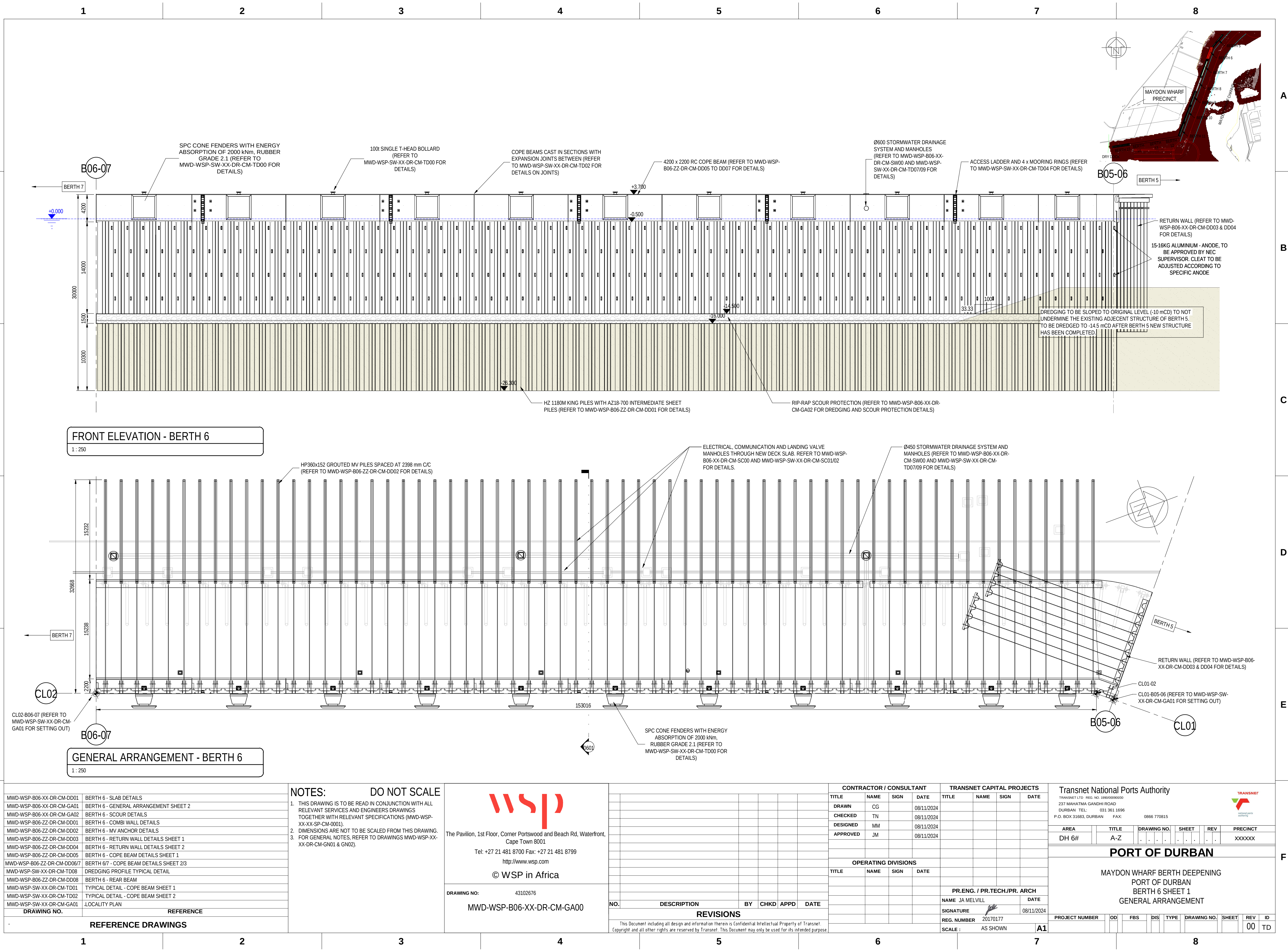
B

C

D

E

F





NOTES: **DO NOT SCALE**

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-XX-XX-SP-CM-0001).
2. DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING.
3. FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-XX-DR-CM-GN01 & GN02).

DRAWING NO: 43102676

MWD-WSP-B06-XX-DR-CM-GA01

This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.

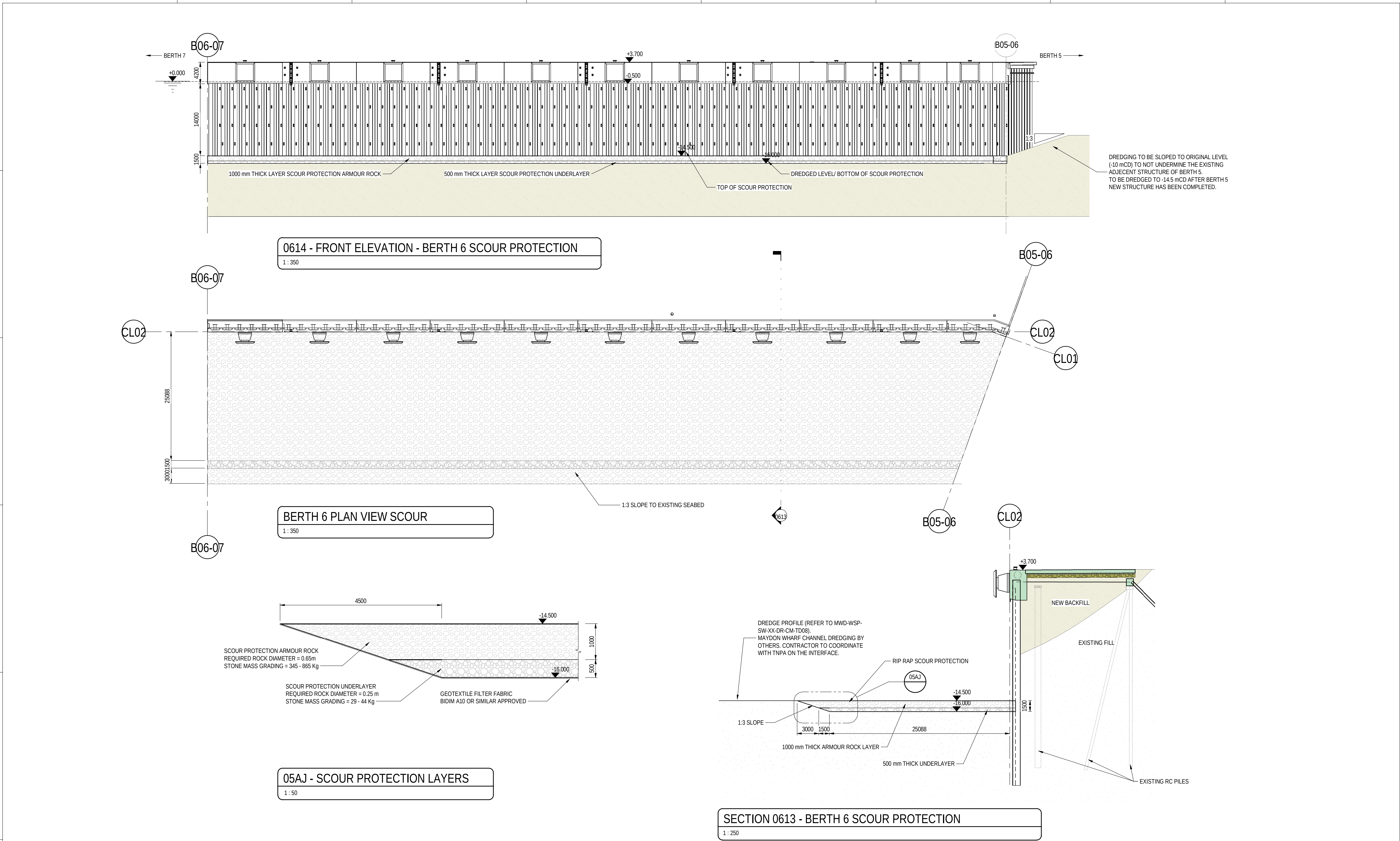
OPERATING DIVISIONS							
TITLE	NAME	SIGN	DATE				

PORT OF DURBAN

MAYDON WHARF BERTH DEEPENING
PORT OF DURBAN
BERTH 6 SHEET 2
GENERAL ARRANGEMENT

Autodesk Docs: Maydon Wharf Berth DeepeningMWD-SW-XX-DR-CM-TD08_MASTERS.dwg 2024/11/11 14:29:24

Last saved in Autodesk Revit 2023.



--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Autodesk Docs: Maydon Wharf Berth DeepeningMWD-WSP-SW-ZZ-AG-CA000_MASTER.rvt 2024/11/11 14:36:22

A

B

C

B07-08

SPC CONE FENDERS WITH ENERGY
ABSORPTION OF 2000 kNm,
RUBBER GRADE 2.1 (REFER TO
MWD-WSP-SW-XX-DR-CM-TD00 FOR
DETAILS)

100t SINGLE T-HEAD BOLLARD
(REFER TO
MWD-WSP-SW-XX-DR-CM-TD00 FOR
DETAILS)

ACCESS LADDER AND 4 x MOORING RINGS (REFER
TO MWD-WSP-SW-XX-DR-CM-TD04 FOR DETAILS)

COPE BEAMS CAST IN SECTIONS WITH
EXPANSION JOINTS BETWEEN (REFER TO
MWD-WSP-SW-XX-DR-CM-TD02 FOR DETAILS
ON JOINTS)

4200 x 2200 RC COPE BEAM (REFER
TO MWD-WSP-B07-ZZ-DR-CM-DD07
TO DD10 FOR DETAILS)

B06-07

BERTH 6

15-16KG ALUMINIUM - ANODE, TO
BE APPROVED BY NEC
SUPERVISOR. CLEAT TO BE
ADJUSTED ACCORDING TO
SPECIFIC ANODE

DREDGING TO BE SLOPED TO ORIGINAL LEVEL
(-10 mCD) TO NOT UNDERMINE THE EXISTING
ADJECENT STRUCTURE OF BERTH 6.
TO BE DREDGED TO -14.5 mCD AFTER BERTH 6
NEW STRUCTURE HAS BEEN COMPLETED.

HZ 1180M KING PILES WITH AZ18-700 INTERMEDIATE SHEET
PILES (REFER TO MWD-WSP-B07-ZZ-DR-CM-DD01 FOR DETAILS)

RIP-RAP SCOUR PROTECTION (REFER TO MWD-WSP-B07-XX-DR-
CM-GA02 FOR DREDGING AND SCOUR PROTECTION DETAILS)

FRONT ELEVATION - BERTH 7

1 : 350

D

E

B07-08

HP360x152 GROUTED MV PILES SPACED AT 2398 mm C/C
(REFER TO MWD-WSP-B07-ZZ-DR-CM-DD02 FOR DETAILS)

ELECTRICAL, COMMUNICATION, AND LANDING VALVE MANHOLES
THROUGH NEW DECK SLAB. REFER TO MWD-WSP-B07-XX-DR-CM-SC01
AND MWD-WSP-SW-XX-DR-CM-SC01/02 FOR DETAILS.

Ø450 STORMWATER DRAINAGE SYSTEM AND MANHOLES (REFER TO MWD-
WSP-B07-XX-DR-CM-SW00 AND MWD-WSP-SW-XX-DR-CM-TD07/09 FOR DETAILS)

B06-07

BERTH 6

CL02-B07-08
(REFER TO MWD-
WSP-SW-XX-DR-
CM-GA01 FOR
SETTING OUT)

RETURN WALL 7.1 (REFER TO MWD-WSP-B07-
XX-DR-CM-DD03 & DD04 FOR DETAILS)

RETURN WALL 7.2 (REFER TO MWD-WSP-
B07-XX-DR-CM-DD05 & DD06 FOR DETAILS)

CL02

CL02-B06-07 (REFER TO
MWD-WSP-SW-XX-DR-CM-
GA01 FOR SETTING OUT)

GENERAL ARRANGEMENT - BERTH 7

1 : 350

F

MWD-WSP-B07-XX-DR-CM-DD01	BERTH 7 - SLAB DETAILS
MWD-WSP-B07-XX-DR-CM-GA01	BERTH 7 - GENERAL ARRANGEMENT SHEET 2
MWD-WSP-B07-XX-DR-CM-GA02	BERTH 7 - SCOUR DETAILS
MWD-WSP-B07-ZZ-DR-CM-DD01	BERTH 7 - COMBI WALL DETAILS
MWD-WSP-B07-ZZ-DR-CM-DD02	BERTH 7 - MV ANCHOR DETAILS
MWD-WSP-B07-ZZ-DR-CM-DD03/04	BERTH 7 - RETURN WALL 7.1
MWD-WSP-B07-ZZ-DR-CM-DD05/06	BERTH 7 - RETURN WALL 7.2
MWD-WSP-B07-ZZ-DR-CM-DD07/08	BERTH 7 - COPE BEAM DETAILS SHEET 1 AND 2
MWD-WSP-B07-ZZ-DR-CM-DD09/10	BERTH 7 - COPE BEAM DETAILS SHEET 3 AND 4
MWD-WSP-B07-ZZ-DR-CM-DD11	BERTH 7 - REAR BEAM
MWD-WSP-SW-XX-DR-CM-TD00	TYPICAL DETAIL - FENDERS AND BOLLARDS
MWD-WSP-SW-XX-DR-CM-TD01	TYPICAL DETAIL - COPE BEAM SHEET 1
MWD-WSP-SW-XX-DR-CM-TD02	TYPICAL DETAIL - COPE BEAM SHEET 2
MWD-WSP-SW-XX-DR-CM-GA01	LOCALITY PLAN
DRAWING NO.	REFERENCE

REFERENCE DRAWINGS

NOTES:

DO NOT SCALE

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL
RELEVANT SERVICES AND ENGINEERS DRAWINGS
TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-
XX-XX-SP-CM-0001).
- DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING.
- FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-
XX-DR-CM-GN01 & GN02.



The Pavilion, 1st Floor, Corner Portswood and Beach Rd, Waterfront,
Cape Town 8001

Tel: +27 21 481 8700 Fax: +27 21 481 8799

http://www.wsp.com

© WSP in Africa

DRAWING NO: 43102676
MWD-WSP-B07-XX-DR-CM-GA00

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
REVISIONS					
This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.					

CONTRACTOR / CONSULTANT				TRANSNET NATIONAL PROJECTS			
TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE
DRAWN	CG		08/11/2024				
CHECKED	TN		08/11/2024				
DESIGNED	MM		08/11/2024				
APPROVED	JM		08/11/2024				
OPERATING DIVISIONS				PR.ENG. / PR.TECH./PR. ARCH			
TITLE	NAME	SIGN	DATE	NAME	JA MELVILL		DATE
				SIGNATURE			08/11/2024
				REG. NUMBER	20170177		
				SCALE :	AS SHOWN		A1

Transnet National Ports Authority

TRANSNET LTD REG. NO. 199000090090
237 MAHATMA GANDHI ROAD
DURBAN TEL: 031 361 1696
P.O. BOX 31683, DURBAN FAX: 0866 770815



AREA	TITLE	DRAWING NO.	SHEET	REV	PRECINCT
DH 6#	A-Z				XXXXXX

PORT OF DURBAN

MAYDON WHARF BERTH DEEPENING
PORT OF DURBAN
BERTH 7 SHEET 1
GENERAL ARRANGEMENT

PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
						00	TD	

Last saved in Autodesk Revit 2023.

1

2

3

4

5

6

7

8

A

B

C

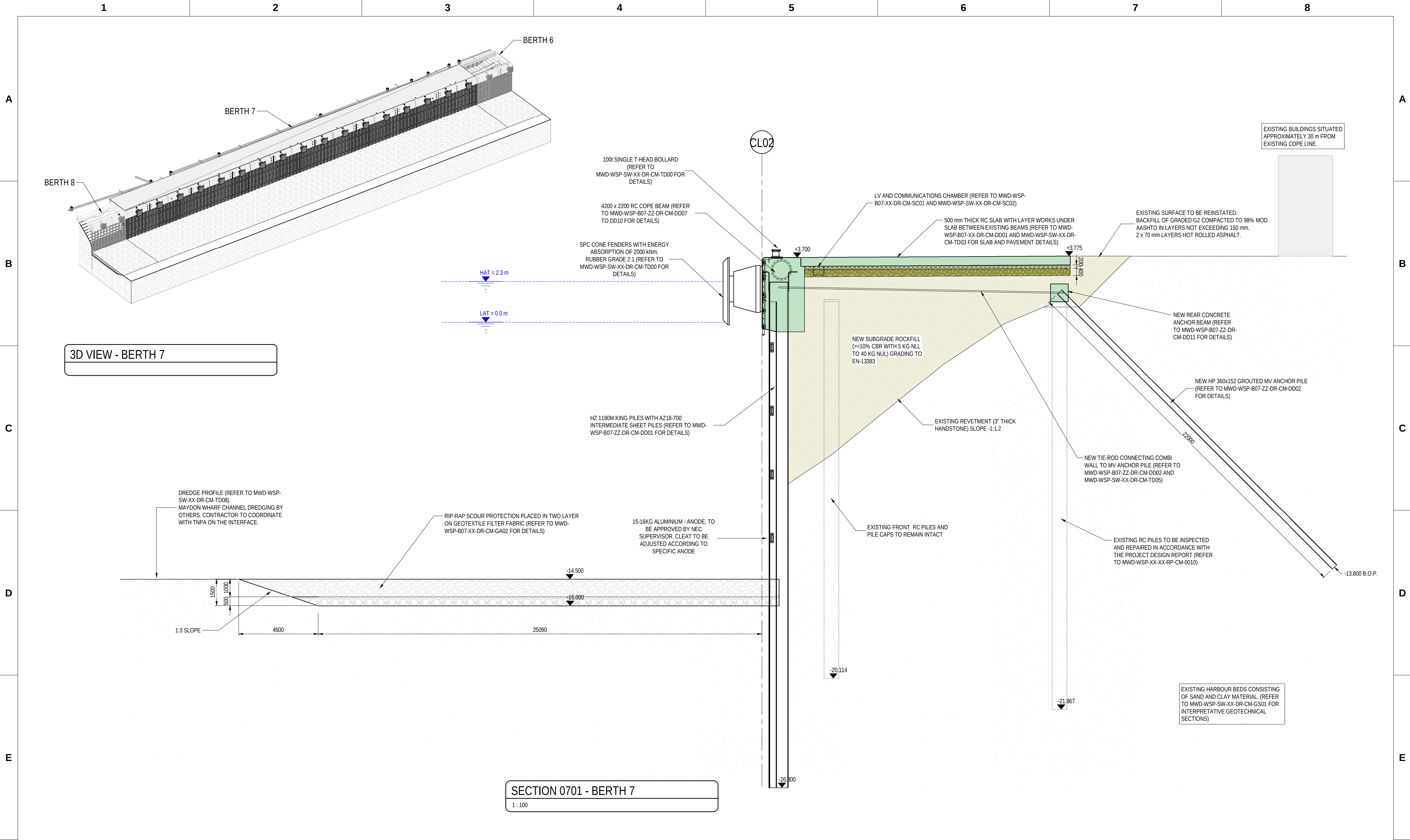
D

E

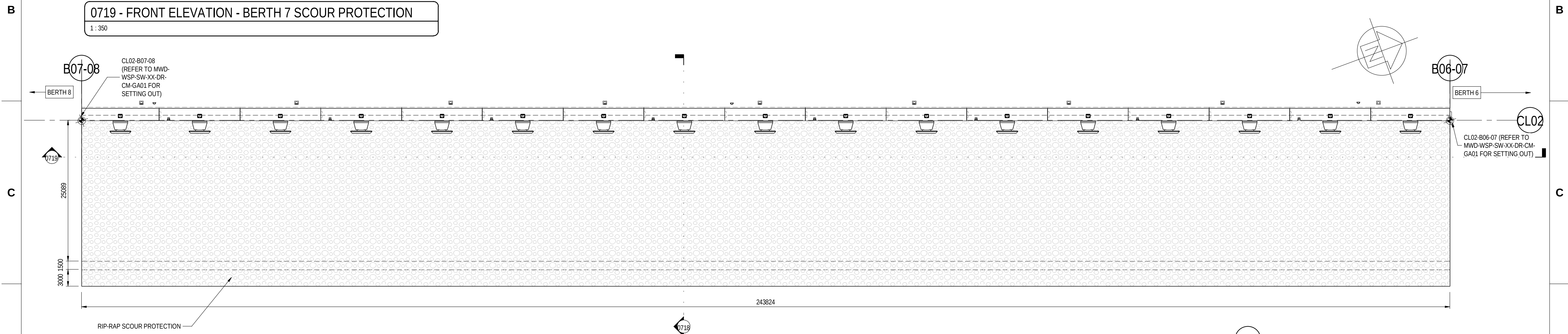
F

Autodesk Docs\Maydon Wharf Berth Deepening\MWD-WSP-SW-XX-DR-CM-GA000_MASTER.rvt 2024/11/11 14:36:29

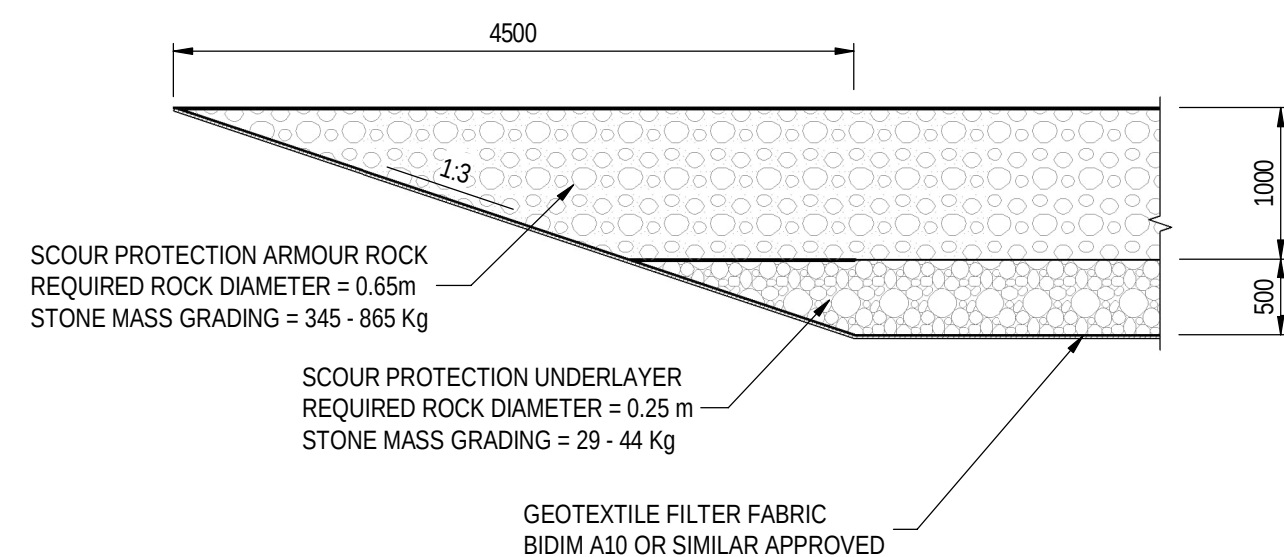
Last saved in Autocad Revit 2023.



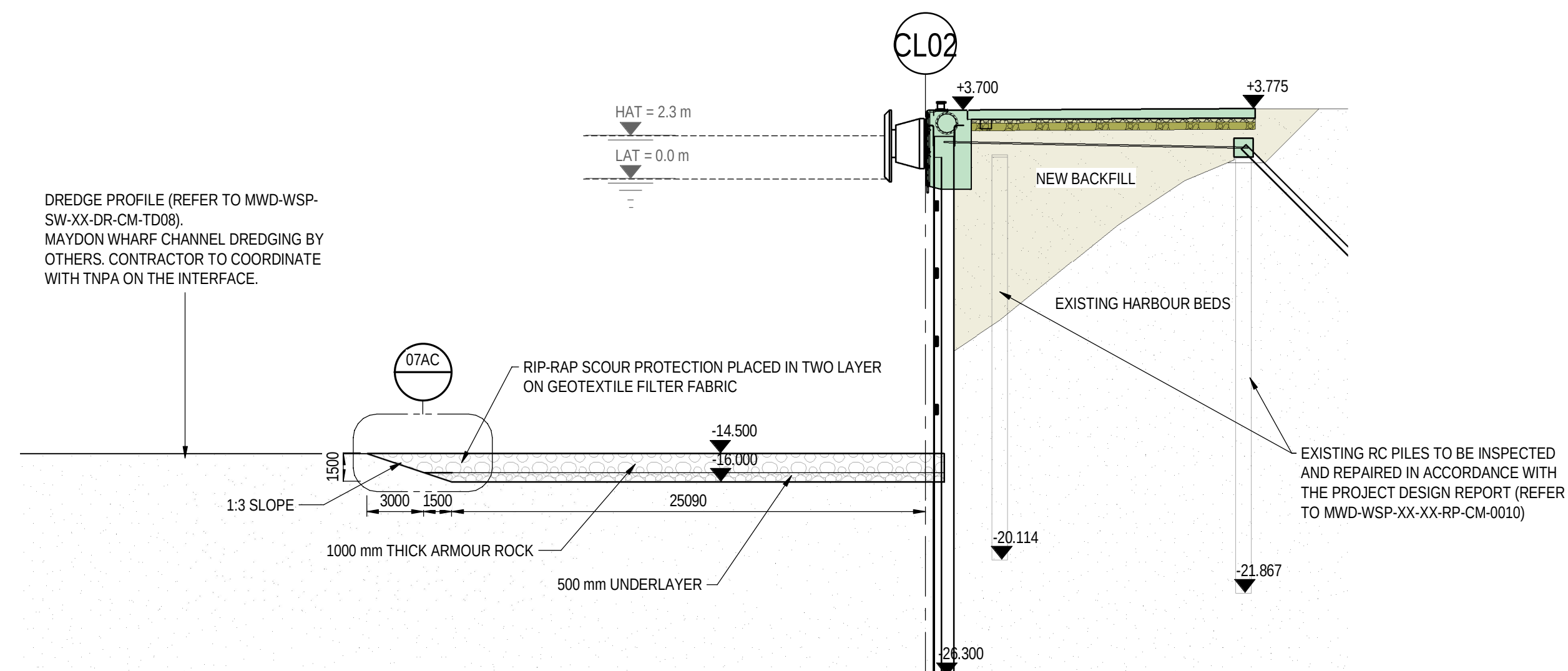
F	MWD-WSP-B07-XX-DR-CM-DD01	BERTH 7 - SLAB DETAILS
	MWD-WSP-B07-XX-DR-CM-GA01	BERTH 7 - GENERAL ARRANGEMENT SHEET 2
	MWD-WSP-B07-XX-DR-CM-GA02	BERTH 7 - SCOUR DETAILS
	MWD-WSP-B07-ZZ-DR-CM-DD01	BERTH 7 - COMBI WALL DETAILS
	MWD-WSP-B07-ZZ-DR-CM-DD02	BERTH 7 - MV ANCHOR DETAILS
F	MWD-WSP-B07-ZZ-DR-CM-DD03/04	BERTH 7 - RETURN WALL 7.1
	MWD-WSP-B07-ZZ-DR-CM-DD05/06	BERTH 7 - RETURN WALL 7.2
	MWD-WSP-B07-ZZ-DR-CM-DD07/08	BERTH 7 - COPE BEAM DETAILS SHEET 1 AND 2
	MWD-WSP-B07-ZZ-DR-CM-DD09/10	BERTH 7 - COPE BEAM DETAILS SHEET 3 AND 4
	MWD-WSP-B07-ZZ-DR-CM-DD11	BERTH 7 - REAR BEAM
F	MWD-WSP-SW-XX-DR-CM-TD00	TYPICAL DETAIL - FENDERS AND BOLLARDS
	MWD-WSP-SW-XX-DR-CM-TD01	TYPICAL DETAIL - COPE BEAM SHEET 1
	MWD-WSP-SW-XX-DR-CM-TD02	TYPICAL DETAIL - COPE BEAM SHEET 2
	MWD-WSP-SW-XX-DR-CM-GA01	LOCALITY PLAN
	DRAWING NO.	REFERENCE
REFERENCE DRAWINGS		
1	2	3
NOTES: DO NOT SCALE		
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-XX-XX-SP-CM-0001).		
2. DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING.		
3. FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-DR-CM-GN01 & GN02.		
wsp		
The Pavilion, 1st Floor, Corner Portswood and Beach Rd, Waterfront, Cape Town 8001		
Tel: +27 21 481 8700 Fax: +27 21 481 8799		
http://www.wsp.com		
© WSP in Africa		
DRAWING NO: 43102676		
MWD-WSP-B07-XX-DR-CM-GA01		
NO. DESCRIPTION BY CHKD APPD DATE		
REVISIONS		
This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.		
CONTRACTOR / CONSULTANT		
TITLE	NAME	SIGN
DATE		
DRAWN	CG	
08/11/2024		
CHECKED	TN	
08/11/2024		
DESIGNED	MM	
08/11/2024		
APPROVED	JM	
08/11/2024		
TRANSNET CAPITAL PROJECTS		
TITLE	NAME	SIGN
DATE		
OPERATING DIVISIONS		
TITLE	NAME	SIGN
DATE		
PR.ENG. / PR.TECH./PR. ARCH		
NAME	JA MELVILL	
DATE		
SIGNATURE		08/11/2024
REG. NUMBER	20170177	
SCALE :	AS SHOWN	A1
Transnet National Ports Authority		
TRANSNET LTD REG. NO. 189000090090		
237 MAHATMA GANDHI ROAD		
DURBAN TEL: 031 361 1696		
P.O. BOX 31683, DURBAN FAX: 0866 770815		
AREA	TITLE	DRAWING NO.
DH 6#	A-Z	
SHEET	REV	PRECINCT
		XXXXXX
PORT OF DURBAN		
MAYDON WHARF BERTH DEEPENING		
PORT OF DURBAN		
BERTH 7 SHEET 2		
GENERAL ARRANGEMENT		
PROJECT NUMBER	OD	FBS
DIS	TYPE	DRAWING NO.
SHEET	REV	ID
00	TD	



1 : 350



1 : 50



1 : 250

DRAWING NO.	REFERENCE
REFERENCE DRAWINGS	

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-XX-XX-SP-CM-0001).
2. DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING. FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-XX-DR-CM-GN01 & GN02).

DRAWING NO: 43102676

MWD-WSP-B07-XX-DR-CM-GA02

This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.

				REG. NUMBER	1000017
e.				SCALE :	AS SHOWN



PORT OF DURBAN

MAYDON WHARF BERTH DEEPENING

PORT OF DURBAN

BERTH 7 SCOUR PROTECTION

DETAILS

PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
							00	TD

PORT OF DURBAN

MAYDON WHARF BERTH DEEPENING
PORT OF DURBAN
BERTH 7 SCOUR PROTECTION
DETAILS

A

B

C

D

E

F

1

2

3

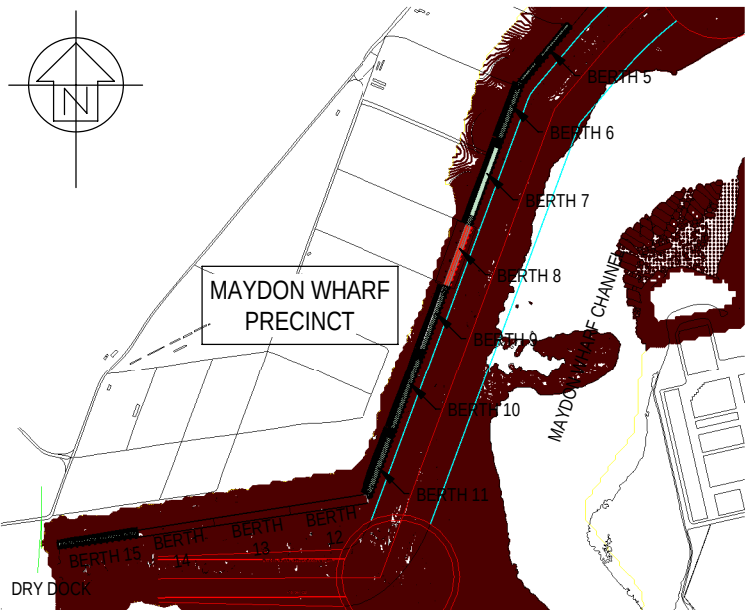
4

5

6

7

8



A

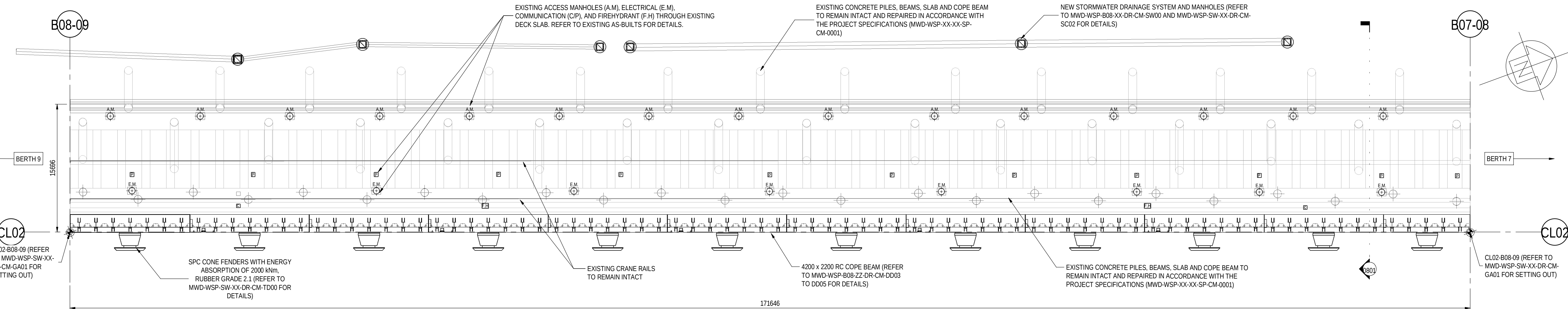
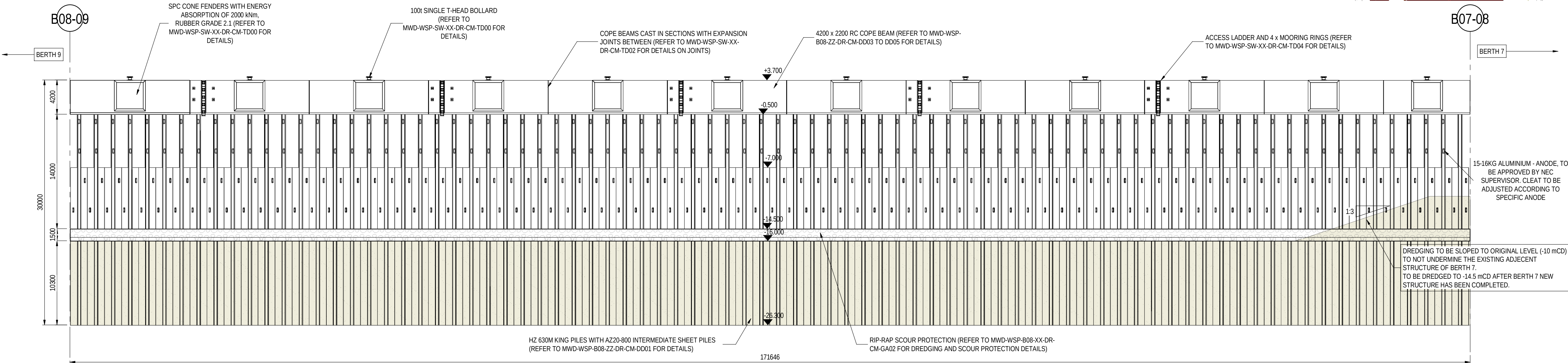
B

C

D

E

F



MWD-WSP-B08-XX-DR-CM-GA01	BERTH 8 - GENERAL ARRANGEMENT SHEET 2
MWD-WSP-B08-XX-DR-CM-GA02	BERTH 8 - SCOUR DETAILS
MWD-WSP-B08-ZZ-DR-CM-DD01	BERTH 8 - COMBI WALL DETAILS
MWD-WSP-B08-ZZ-DR-CM-DD02	BERTH 8 - ANCHOR DETAILS
MWD-WSP-B08-ZZ-DR-CM-DD03	BERTH 8 - COPE BEAM DETAILS SHEET 1
MWD-WSP-B08-ZZ-DR-CM-DD04	BERTH 8 - COPE BEAM DETAILS SHEET 2
MWD-WSP-B08-ZZ-DR-CM-DD05	BERTH 8 - COPE BEAM DETAILS SHEET 3
MWD-WSP-B08-XX-DR-CM-SW00	BERTH 8 - STORMWATER
MWD-WSP-SW-XX-DR-CM-TD00	TYPICAL DETAIL - FENDERS AND BOLLARDS
MWD-WSP-SW-XX-DR-CM-TD01	TYPICAL DETAIL - COPE BEAM SHEET 1
MWD-WSP-SW-XX-DR-CM-TD02	TYPICAL DETAIL - COPE BEAM SHEET 2
MWD-WSP-SW-XX-DR-CM-TD04	TYPICAL DETAIL - ACCESS LADDER AND MOORING RINGS
MWD-WSP-SW-XX-DR-CM-SC02	TYPICAL DETAIL - SERVICES
MWD-WSP-SW-XX-DR-CM-GA01	LOCALITY PLAN
DRAWING NO.	REFERENCE
REFERENCE DRAWINGS	

NOTES: DO NOT SCALE

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-XX-XX-SP-CM-0001).
- DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING.
- FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-DR-CM-GN01 & GN02.



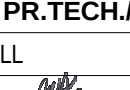
The Pavilion, 1st Floor, Corner Portswood and Beach Rd, Waterfront, Cape Town 8001
Tel: +27 21 481 8700 Fax: +27 21 481 8799
<http://www.wsp.com>

© WSP in Africa

DRAWING NO: 43102676

MWD-WSP-B08-XX-DR-CM-GA00

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
REVISIONS					
This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.					

CONTRACTOR / CONSULTANT				TRANSNET CAPITAL PROJECTS			
TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE
DRAWN	CG		08/11/2024				
CHECKED	TN		08/11/2024				
DESIGNED	MM		08/11/2024				
APPROVED	JM		08/11/2024				
OPERATING DIVISIONS							
TITLE	NAME	SIGN	DATE				
				PR.ENG. / PR.TECH./PR. ARCH			
				NAME	JA MELVILL		DATE
				SIGNATURE			08/11/2024
				REG. NUMBER	20170177		
				SCALE	AS SHOWN		A1

Transnet National Ports Authority

TRANSNET LTD REG. NO. 199000090090
237 MAHATMA GANDHI ROAD
DURBAN TEL: 031 361 1696
P.O. BOX 31683, DURBAN FAX: 0866 770815

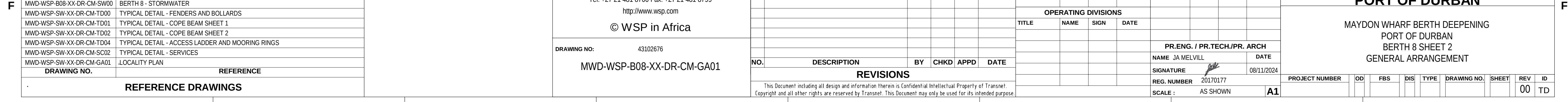


AREA	TITLE	DRAWING NO.	SHEET	REV	PRECINCT
DH 6#	A-Z				XXXXXX

PORT OF DURBAN

MAYDON WHARF BERTH DEEPENING
PORT OF DURBAN
BERTH 8 SHEET 1
GENERAL ARRANGEMENT

PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
						00	TD	



**B**

D

**F****F****F**

DO NOT SCALE



© WSP in Africa

43102676

This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.

				REG. NUMBER	20170177
e.				SCALE :	AS SHOWN

[illegible]

Autodesk DocuMan: Maydon Wharf Berth DeepeningMWD-SW-SW-ZZ-AG-CA000_MASTE04.rvt 2024/11/12 08:23:10

A

B

C

D

E

F

A

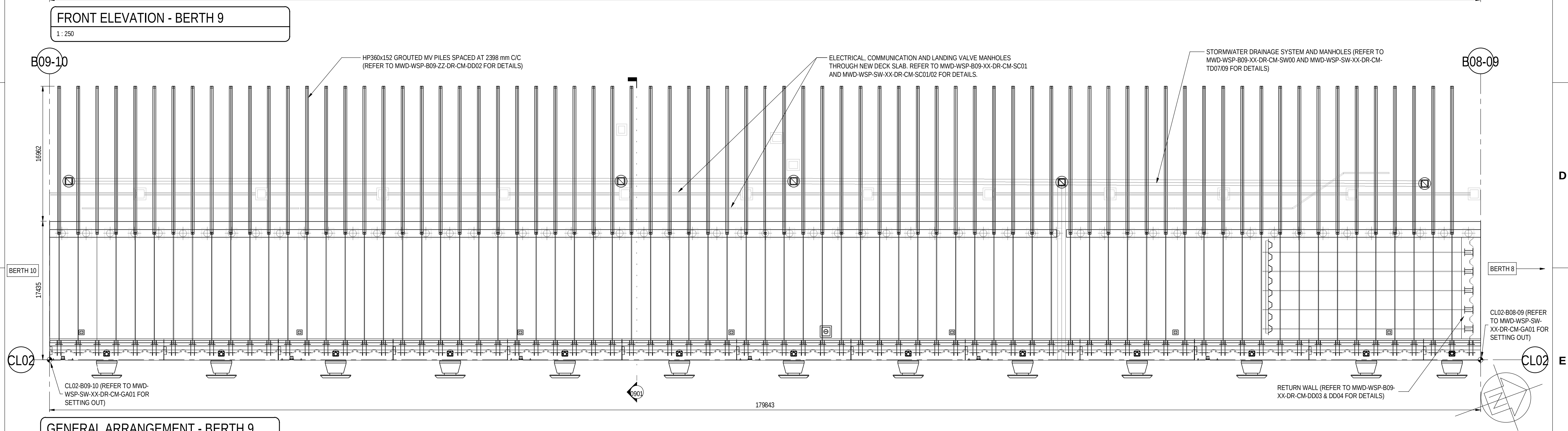
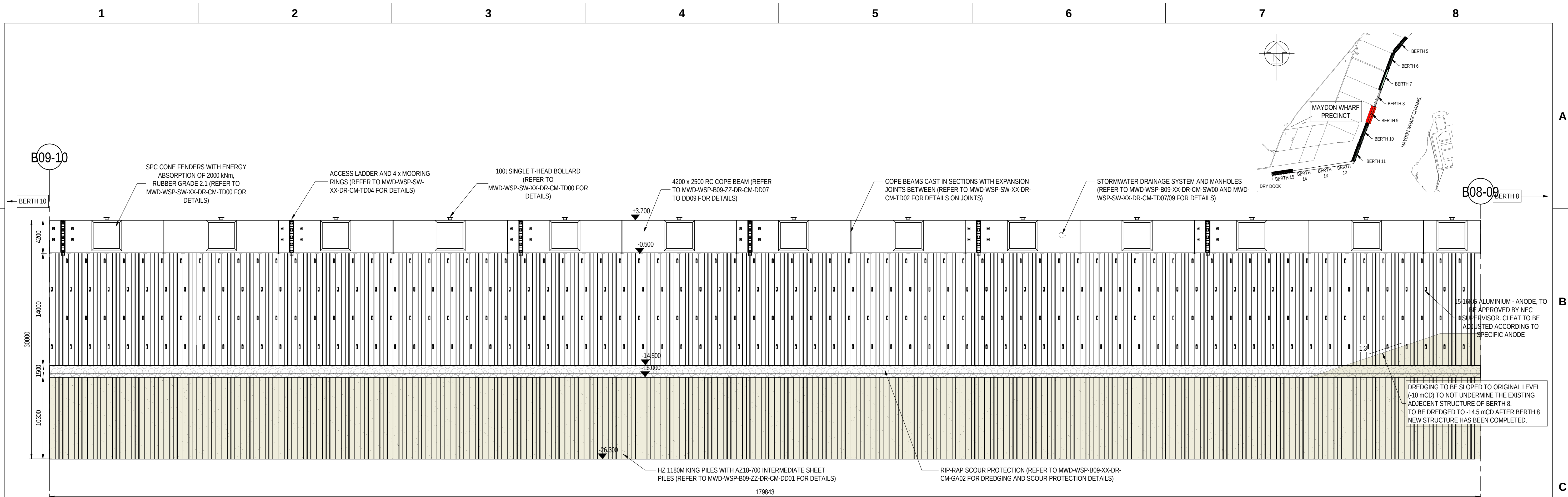
B

C

D

E

F



MWD-WSP-B09-XX-DR-CM-DD01	BERTH 9 - SLAB DETAILS
MWD-WSP-B09-XX-DR-CM-GA01	BERTH 9 - GENERAL ARRANGEMENT SHEET 2
MWD-WSP-B09-XX-DR-CM-GA02	BERTH 9 - SCOUR DETAILS
MWD-WSP-B09-ZZ-DR-CM-DD01	BERTH 9 - COMBI WALL DETAILS
MWD-WSP-B09-ZZ-DR-CM-DD02	BERTH 9 - MV ANCHOR DETAILS
MWD-WSP-B09-ZZ-DR-CM-DD03/04	BERTH 9 - RETURN WALL SHEET 1 AND 2
MWD-WSP-B09-ZZ-DR-CM-DD05	BERTH 9 - COPE BEAM DETAILS SHEET 1
MWD-WSP-B09-ZZ-DR-CM-DD06	BERTH 9 - COPE BEAM DETAILS SHEET 2
MWD-WSP-B09-ZZ-DR-CM-DD07	BERTH 9 - COPE BEAM DETAILS SHEET 3
MWD-WSP-B09-ZZ-DR-CM-DD08/09	BERTH 9 - REAR BEAM SHEET 1 AND 2
MWD-WSP-SW-XX-DR-CM-TD00	TYPICAL DETAIL - FENDERS AND BOLLARDS
MWD-WSP-SW-XX-DR-CM-TD01	TYPICAL DETAIL - COPE BEAM SHEET 1
MWD-WSP-SW-XX-DR-CM-TD02	TYPICAL DETAIL - COPE BEAM SHEET 2
MWD-WSP-SW-XX-DR-CM-GA01	LOCALITY PLAN
DRAWING NO.	REFERENCE
REFERENCE DRAWINGS	

NOTES:

DO NOT SCALE

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-XX-SP-CM-0001).

2. DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING.

3. FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-DR-CM-GN01 & GN02.



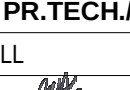
The Pavilion, 1st Floor, Corner Portswood and Beach Rd, Waterfront, Cape Town 8001
Tel: +27 21 481 8700 Fax: +27 21 481 8799
<http://www.wsp.com>

© WSP in Africa

DRAWING NO: 43102676

MWD-WSP-B09-XX-DR-CM-GA00

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
REVISIONS					
This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.					

CONTRACTOR / CONSULTANT				TRANSNET NATIONAL PORTS AUTHORITY			
TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE
DRAWN	CG		08/11/2024				
CHECKED	TN		08/11/2024				
DESIGNED	MM		08/11/2024				
APPROVED	JM		08/11/2024				
OPERATING DIVISIONS							
TITLE	NAME	SIGN	DATE				
				PR.ENG. / PR.TECH./PR. ARCH			
				NAME	JA MELVILL		DATE
				SIGNATURE			08/11/2024
				REG. NUMBER	20170177		
				SCALE :	AS SHOWN		A1

Transnet National Ports Authority

TRANSNET LTD REG. NO. 199000090090
237 MAHATMA GANDHI ROAD
DURBAN TEL: 031 361 1696
P.O. BOX 31683, DURBAN FAX: 0866 770815



AREA	TITLE	DRAWING NO.	SHEET	REV	PRECINCT
DH 6#	A-Z				XXXXXX

PORT OF DURBAN

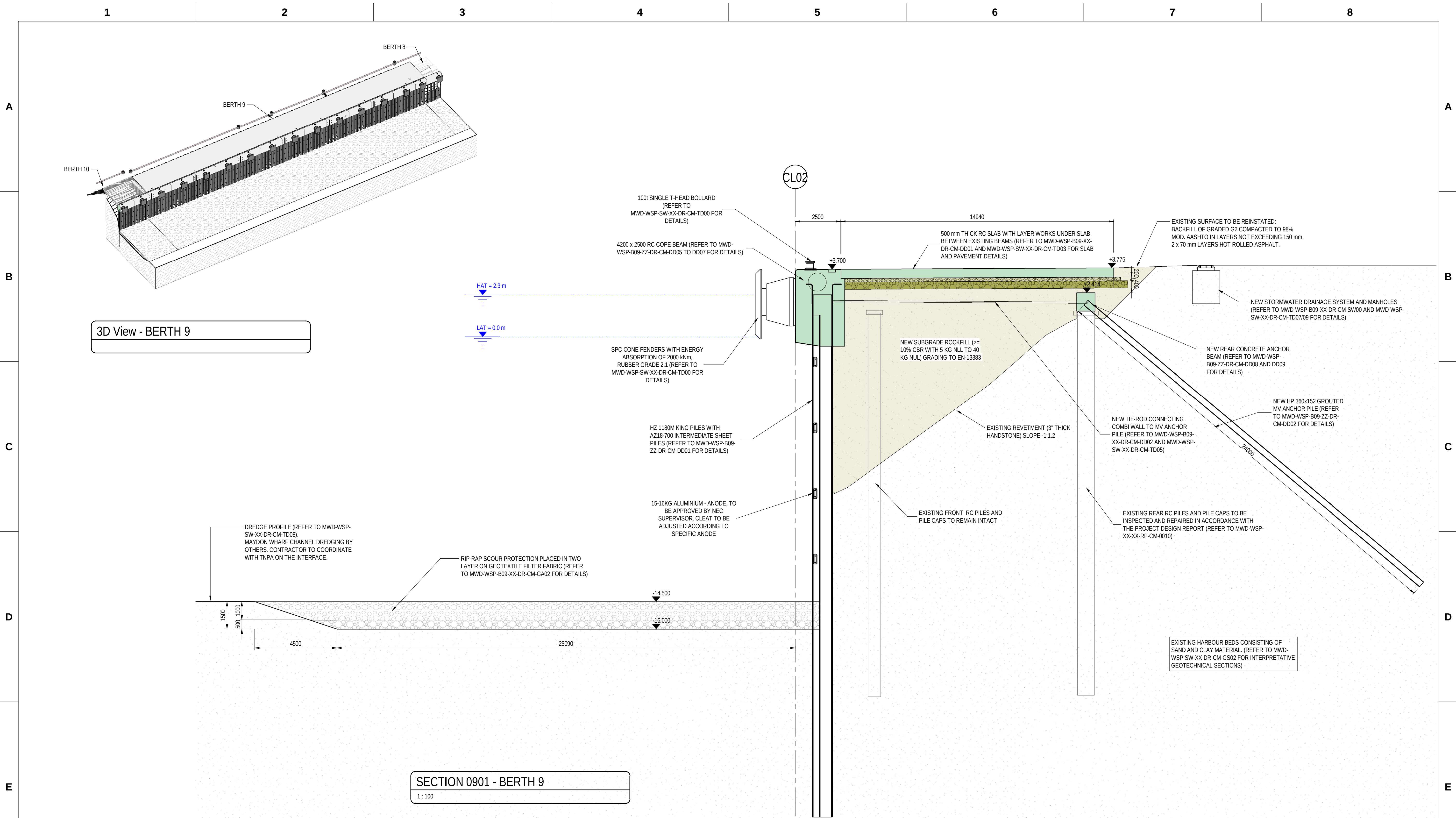
MAYDON WHARF BERTH DEEPENING
PORT OF DURBAN
BERTH 9 SHEET 1
GENERAL ARRANGEMENT

PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
						00	TD	

Last saved in Autocad Revit 2023.

Autodesk Docs: Maydon Wharf Berth DeepeningMWD-WSP-SW-XX-DR-CM-GA000_MASTER.rvt 2024/11/12 08:23:15

Last saved in Autodesk Revit 2023.



MWD-WSP-B09-XX-DR-CM-DD01	BERTH 9 - SLAB DETAILS
MWD-WSP-B09-XX-DR-CM-GA00	BERTH 9 - GENERAL ARRANGEMENT SHEET 1
MWD-WSP-B09-XX-DR-CM-GA02	BERTH 9 - SCOUR DETAILS
MWD-WSP-B09-ZZ-DR-CM-DD01	BERTH 9 - COMBI WALL DETAILS
MWD-WSP-B09-ZZ-DR-CM-DD02	BERTH 9 - MV ANCHOR DETAILS
MWD-WSP-B09-ZZ-DR-CM-DD03/04	BERTH 9 - RETURN WALL SHEET 1 AND 2
MWD-WSP-B09-ZZ-DR-CM-DD05	BERTH 9 - COPE BEAM DETAILS SHEET 1
MWD-WSP-B09-ZZ-DR-CM-DD06	BERTH 9 - COPE BEAM DETAILS SHEET 2
MWD-WSP-B09-ZZ-DR-CM-DD07	BERTH 9 - COPE BEAM DETAILS SHEET 3
MWD-WSP-B09-ZZ-DR-CM-DD08/09	BERTH 9 - REAR BEAM SHEET 1 AND 2
MWD-WSP-SW-XX-DR-CM-TD00	TYPICAL DETAIL - FENDERS AND BOLLARDS
MWD-WSP-SW-XX-DR-CM-TD01	TYPICAL DETAIL - COPE BEAM SHEET 1
MWD-WSP-SW-XX-DR-CM-TD02	TYPICAL DETAIL - COPE BEAM SHEET 2
MWD-WSP-SW-XX-DR-CM-GA01	LOCALITY PLAN

REFERENCE DRAWINGS

NOTES: DO NOT SCALE

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-XX-XX-SP-CM-0001).
- DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING.
- FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-XX-DR-CM-GN01 & GN02.



The Pavilion, 1st Floor, Corner Portsworld and Beach Rd, Waterfront, Cape Town 8001
Tel: +27 21 481 8700 Fax: +27 21 481 8799
<http://www.wsp.com>

© WSP in Africa

DRAWING NO: 43102676
MWD-WSP-B09-XX-DR-CM-GA01

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
REVISIONS					
This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.					

CONTRACTOR / CONSULTANT				TRANSNET CAPITAL PROJECTS			
TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE
DRAWN	CG		08/11/2024				
CHECKED	TN		08/11/2024				
DESIGNED	MM		08/11/2024				
APPROVED	JM		08/11/2024				
OPERATING DIVISIONS				PR.ENG. / PR.TECH./PR. ARCH			
TITLE	NAME	SIGN	DATE	NAME	JA MELVILL		
				SIGNATURE			08/11/2024
				REG. NUMBER	20170177		
				SCALE :	AS SHOWN		A1

TRANSNET LTD REG. NO. 1399000030030

237 MAHATMA GANDHI ROAD

DURBAN TEL: 031 361 1696

P.O. BOX 31683, DURBAN FAX: 0866 770815

TRANSNET



transnet ports and shipping

AREA	TITLE	DRAWING NO.	SHEET	REV	PRECINCT	
DH 6#	A-Z				XXXXXX	

PORT OF DURBAN

MAYDON WHARF BERTH DEEPENING

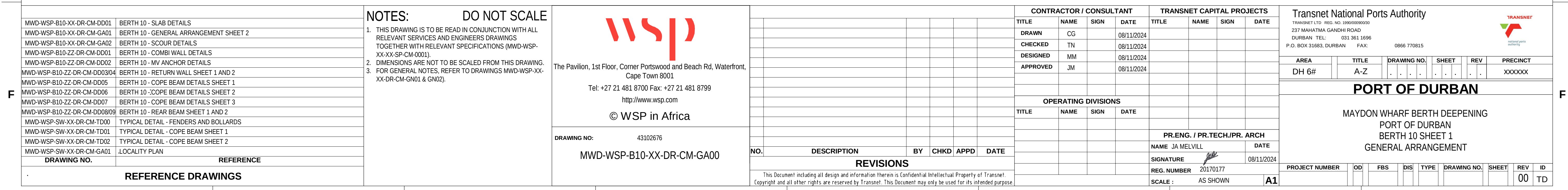
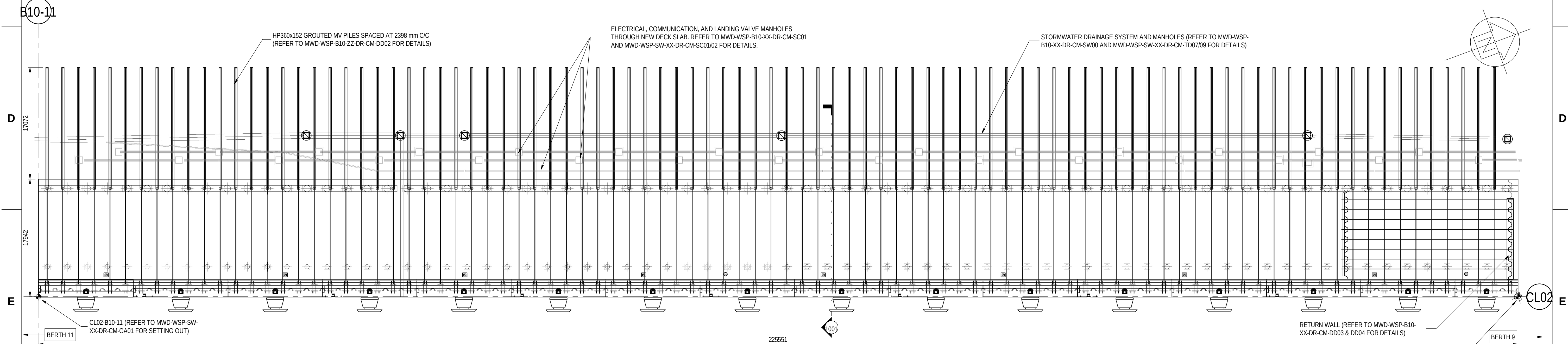
PORT OF DURBAN

BERTH 9 SHEET 2

GENERAL ARRANGEMENT

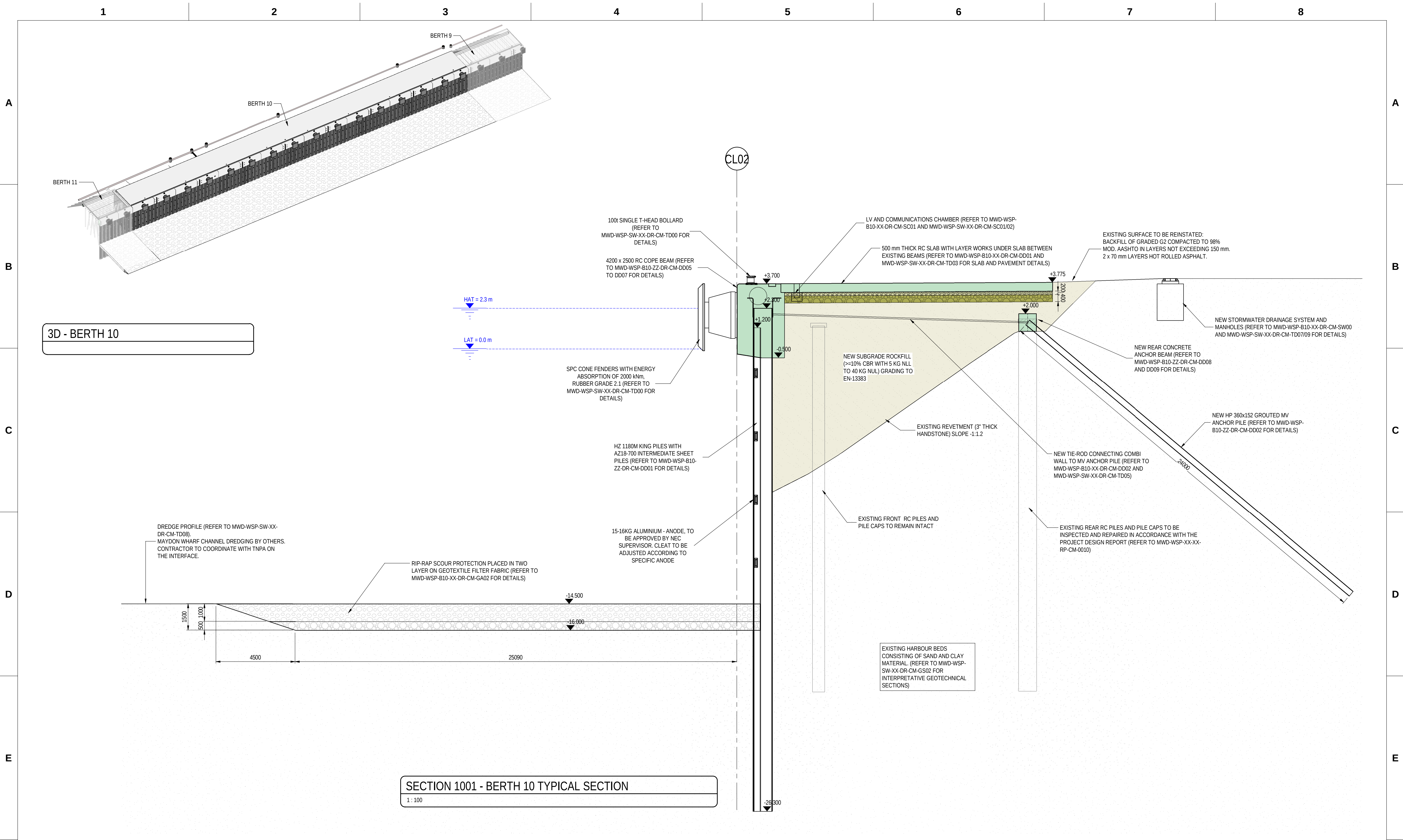
PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
							00	TD

**F**



Autodesk Docs\Maydon Wharf Berth Deepening\MWD-WSP-SW-ZZ-AG-CH-0000_MASTER.rvt 2024/11/12 08:26:03

Last saved in Autodesk Revit 2023.



MWD-WSP-B10-XX-DR-CM-DD01	BERTH 10 - SLAB DETAILS
MWD-WSP-B10-XX-DR-CM-GA00	BERTH 10 - GENERAL ARRANGEMENT SHEET 1
MWD-WSP-B10-XX-DR-CM-GA02	BERTH 10 - SCOUR DETAILS
MWD-WSP-B10-ZZ-DR-CM-DD01	BERTH 10 - COMBI WALL DETAILS
MWD-WSP-B10-ZZ-DR-CM-DD02	BERTH 10 - MV ANCHOR DETAILS
MWD-WSP-B10-ZZ-DR-CM-DD03/04	BERTH 10 - RETURN WALL SHEET 1 AND 2
MWD-WSP-B10-ZZ-DR-CM-DD05	BERTH 10 - COPE BEAM DETAILS SHEET 1
MWD-WSP-B10-ZZ-DR-CM-DD06	BERTH 10 - COPE BEAM DETAILS SHEET 2
MWD-WSP-B10-ZZ-DR-CM-DD07	BERTH 10 - COPE BEAM DETAILS SHEET 3
MWD-WSP-B10-ZZ-DR-CM-DD08/09	BERTH 10 - REAR BEAM SHEET 1 AND 2
MWD-WSP-SW-XX-DR-CM-TD00	TYPICAL DETAIL - FENDERS AND BOLLARDS
MWD-WSP-SW-XX-DR-CM-TD01	TYPICAL DETAIL - COPE BEAM SHEET 1
MWD-WSP-SW-XX-DR-CM-TD02	TYPICAL DETAIL - COPE BEAM SHEET 2
MWD-WSP-SW-XX-DR-CM-GA01	LOCALITY PLAN
DRAWING NO.	REFERENCE

REFERENCE DRAWINGS

NOTES: DO NOT SCALE

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-XX-XX-SP-CM-0001).
- DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING.
- FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-DR-CM-GN01 & GN02.



The Pavilion, 1st Floor, Corner Portswood and Beach Rd, Waterfront, Cape Town 8001
Tel: +27 21 481 8700 Fax: +27 21 481 8799
<http://www.wsp.com>

© WSP in Africa

DRAWING NO: 43102676
MWD-WSP-B10-XX-DR-CM-GA01

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
REVISIONS					
This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.					

CONTRACTOR / CONSULTANT				TRANSNET CAPITAL PROJECTS			
TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE
DRAWN	CG		08/11/2024				
CHECKED	TN		08/11/2024				
DESIGNED	MM		08/11/2024				
APPROVED	JM		08/11/2024				
OPERATING DIVISIONS				PR.ENG. / PR.TECH./PR. ARCH			
TITLE	NAME	SIGN	DATE	NAME	JA MELVILL		DATE
				SIGNATURE			08/11/2024
				REG. NUMBER	20170177		
				SCALE :	AS SHOWN		A1

TRANSNET LTD REG. NO. 1399000090090

237 MAHATMA GANDHI ROAD

DURBAN TEL: 031 361 1696

P.O. BOX 31683, DURBAN FAX: 0866 770815



transnet ports authority

AREA	TITLE	DRAWING NO.	SHEET	REV	PRECINCT
DH 6#	A-Z	.	.	.	XXXXXX

PORT OF DURBAN

MAYDON WHARF BERTH DEEPENING

PORT OF DURBAN

BERTH 10 SHEET 2

GENERAL ARRANGEMENT

PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
							00	TD

A

B

C

D

E

F

A

B

C

D

E

F

1

2

3

4

5

6

7

8

B10-11

← BERTH 11

4200
14000
1500
10300

1003

+3.700
-0.500

B09-10

→ BERTH 9

-14.5 mCD TOP OF SCOUR PROTECTION
-16.0 mCD DREDGE LEVEL TO BOTTOM OF SCOUR PROTECTION

-26.300

1000 mm THICK RIP-RAP SCOUR PROTECTION ARMOUR LAYER
500 mm THICK RIP-RAP SCOUR PROTECTION UNDERLAYER

EXISTING SEABED

DREDGING TO BE SLOPED TO ORIGINAL LEVEL
(-10 mCD) TO NOT UNDERMINE THE EXISTING
ADJECENT STRUCTURE OF BERTH 9.
TO BE DREDGED TO -14.5 mCD AFTER BERTH 9
NEW STRUCTURE HAS BEEN COMPLETED.

FRONT ELEVATION - BERTH 10 SCOUR PROTECTION

1 : 350

B10-11

CL02

← BERTH 11

25002
4500

CL02-B10-11 (REFER TO MWD-WSP-SW-
XX-DR-CM-GA01 FOR SETTING OUT)

225551

225547

B09-10

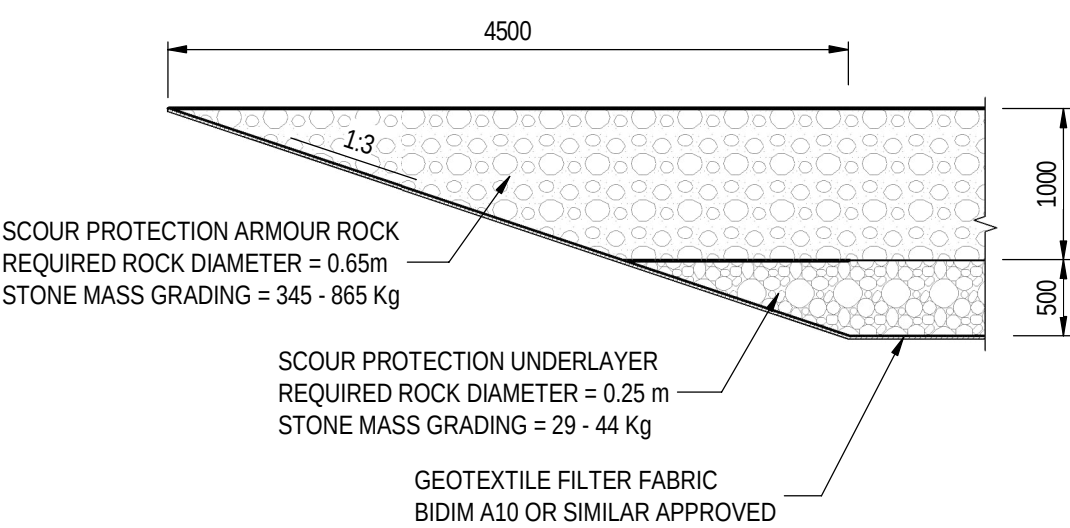
→ BERTH 9

B09-10

CL02-B09-10 (REFER TO MWD-WSP-SW-
XX-DR-CM-GA01 FOR SETTING OUT)

PLAN VIEW - BERTH 10 SCOUR PROTECTION

1 : 350



DETAIL 10AC - SCOUR PROTECTION LAYERS

1 : 50

DREDGE PROFILE (REFER TO MWD-WSP-SW-XX-
DR-CM-TD08).
MAYDON WHARF CHANNEL DREDGING BY OTHERS.
CONTRACTOR TO COORDINATE WITH TNPA ON
THE INTERFACE.

10AC

RIP-RAP SCOUR PROTECTION PLACED IN TWO
LAYER ON GEOTEXTILE FILTER FABRIC

1:3 SLOPE

1500

4500

25090

-14.500

-16.000

CL02

+3.700

+3.775

NEW BACKFILL

EXISTING REVETMENT (3" THICK
HANDSTONE) SLOPE -1:1.2

EXISTING FRONT RC
PILES AND PILE CAPS
TO REMAIN INTACT

EXISTING REAR RC PILES AND PILE CAPS TO BE
INSPECTED AND REPAIRED IN ACCORDANCE
WITH THE PROJECT DESIGN REPORT (REFER
TO MWD-WSP-XX-XX-RP-CM-0010)

EXISTING HARBOUR BEDS
CONSISTING OF SAND AND CLAY
MATERIAL (REFER TO MWD-WSP-
SW-XX-DR-CM-GS02 FOR
INTERPRETATIVE GEOTECHNICAL
SECTIONS)

SECTION 1003 - BERTH 10 SCOUR PROTECTION

1 : 250

MWD-WSP-B10-XX-DR-CM-GA00	BERTH 10 - GENERAL ARRANGEMENT SHEET 1
MWD-WSP-B10-XX-DR-CM-GA01	BERTH 10 - GENERAL ARRANGEMENT SHEET 2
MWD-WSP-SW-XX-DR-CM-TD08	DREDGING PROFILE TYPICAL DETAIL

NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-XX-XX-SP-CM-0001).
- DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING.
- FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-XX-DR-CM-GN01 & GN02.

DO NOT SCALE



The Pavilion, 1st Floor, Corner Portswood and Beach Rd, Waterfront,
Cape Town 8001

Tel: +27 21 481 8700 Fax: +27 21 481 8799

http://www.wsp.com

© WSP in Africa

DRAWING NO: 43102676

MWD-WSP-B10-XX-DR-CM-GA02

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
-----	-------------	----	------	------	------

REVISIONS

This Document including all design and information therein is Confidential Intellectual Property of Transnet.
Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.

CONTRACTOR / CONSULTANT				TRANSNET NATIONAL PROJECTS			
TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE
DRAWN	CG		08/11/2024				
CHECKED	TN		08/11/2024				
DESIGNED	NA		08/11/2024				
APPROVED	JM		08/11/2024				

OPERATING DIVISIONS

TITLE	NAME	SIGN	DATE
-------	------	------	------

PR.ENG. / PR.TECH./PR. ARCH

NAME JA MELVILL DATE

SIGNATURE 08/11/2024

REG. NUMBER 20170177

SCALE: AS SHOWN

Transnet National Ports Authority

TRANSNET LTD REG. NO. 259000030030
237 MAHATMA GANDHI ROAD
DURBAN TEL: 031 361 1696
P.O. BOX 31683, DURBAN FAX: 0866 770815



AREA	TITLE	DRAWING NO.	SHEET	REV	PRECINCT
DH 6#	A-Z				XXXXXX

PORT OF DURBAN

MAYDON WHARF BERTH DEEPENING
PORT OF DURBAN
BERTH 10 SCOUR PROTECTION
DETAILS

PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
						00	TD	

1

2

3

4

5

6

7

8

A

B

C

D

E

F

A

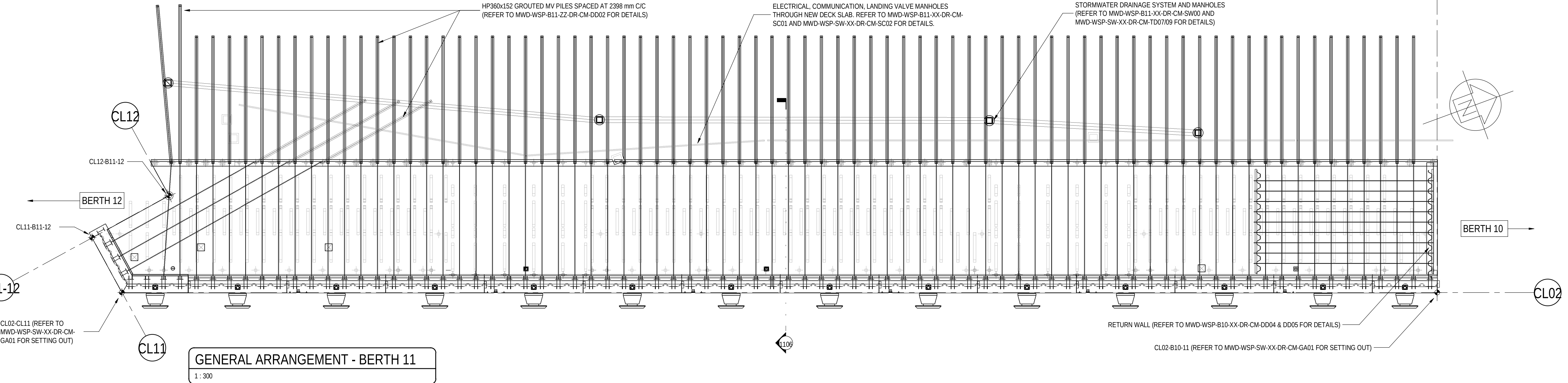
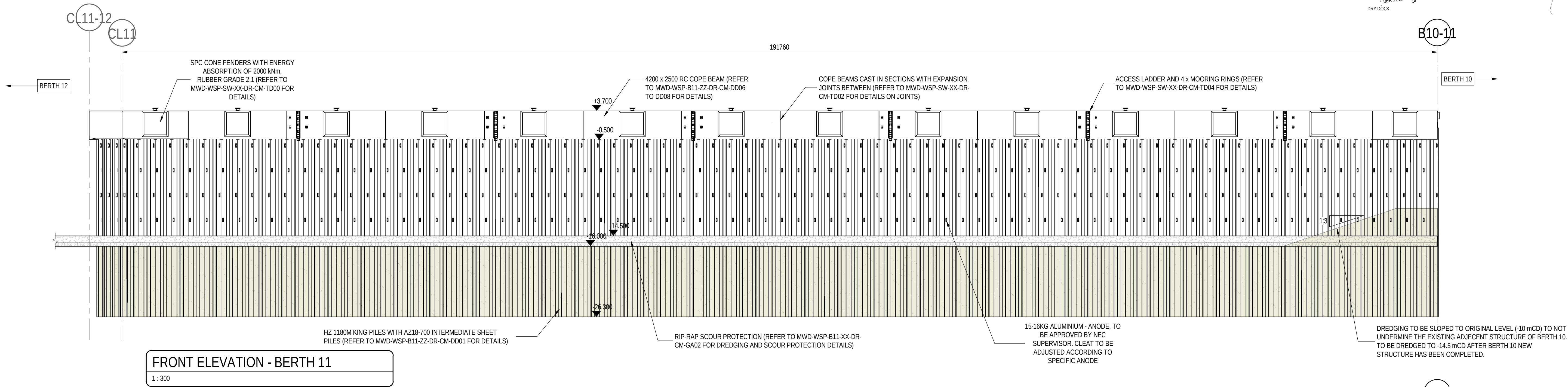
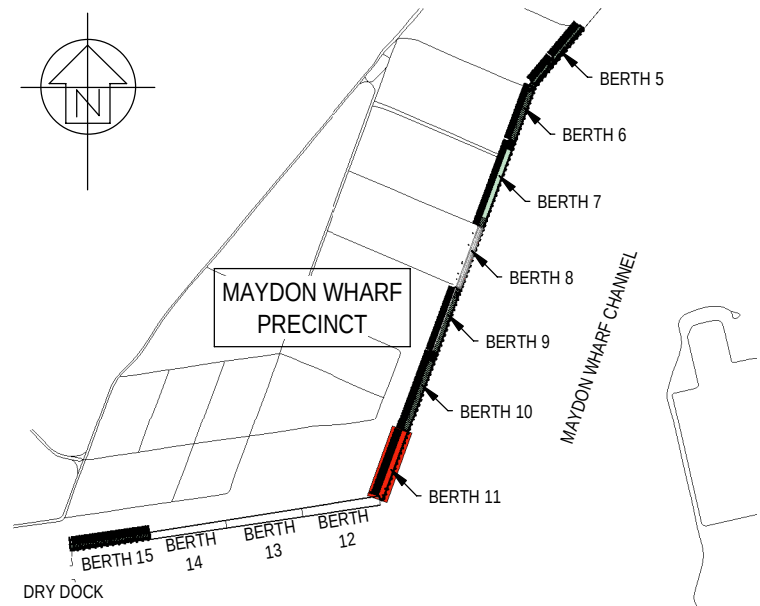
B

C

D

E

F



MWD-WSP-B11-XX-DR-CM-DD01	BERTH 11 - SLAB DETAILS
MWD-WSP-B11-XX-DR-CM-GA01	BERTH 11 - GENERAL ARRANGEMENT SHEET 2
MWD-WSP-B11-XX-DR-CM-GA02	BERTH 11 - SCOUR DETAILS
MWD-WSP-B11-ZZ-DR-CM-DD01	BERTH 11 - COMBI WALL DETAILS
MWD-WSP-B11-ZZ-DR-CM-DD02	BERTH 11 - MV ANCHOR DETAILS
MWD-WSP-B11-ZZ-DR-CM-DD03	BERTH 11 - 12 INTERFACE
MWD-WSP-B11-ZZ-DR-CM-DD04/05	BERTH 11 - RETURN WALL SHEET 1 AND 2
MWD-WSP-B11-ZZ-DR-CM-DD06/07	BERTH 11 - COPE BEAM DETAILS SHEET 2
MWD-WSP-B11-ZZ-DR-CM-DD08	BERTH 11 - COPE BEAM DETAILS SHEET 3
MWD-WSP-B11-ZZ-DR-CM-DD09	BERTH 11 - REAR BEAM
MWD-WSP-SW-XX-DR-CM-TD00	TYPICAL DETAIL - FENDERS AND BOLLARDS
MWD-WSP-SW-XX-DR-CM-TD01	TYPICAL DETAIL - COPE BEAM SHEET 1
MWD-WSP-SW-XX-DR-CM-TD02	TYPICAL DETAIL - COPE BEAM SHEET 2
MWD-WSP-SW-XX-DR-CM-GA01	LOCALITY PLAN
DRAWING NO.	REFERENCE
REFERENCE DRAWINGS	

NOTES:

DO NOT SCALE

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-XX-XX-SP-CM-0001).
- DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING.
- FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-DR-CM-GN01 & GN02.



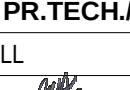
The Pavilion, 1st Floor, Corner Portswood and Beach Rd, Waterfront,
Cape Town 8001
Tel: +27 21 481 8700 Fax: +27 21 481 8799
<http://www.wsp.com>

© WSP in Africa

DRAWING NO: 43102676

MWD-WSP-B11-XX-DR-CM-GA00

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
REVISIONS					
This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.					

CONTRACTOR / CONSULTANT				TRANSNET CAPITAL PROJECTS			
TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE
DRAWN	CG		08/11/2024				
CHECKED	TN		08/11/2024				
DESIGNED	MM		08/11/2024				
APPROVED	JM		08/11/2024				
OPERATING DIVISIONS				PR.ENG. / PR.TECH./PR. ARCH			
TITLE	NAME	SIGN	DATE	NAME	JA MELVILL		DATE
				SIGNATURE			08/11/2024
				REG. NUMBER	20170177		
				SCALE :	AS SHOWN		A1

Transnet National Ports Authority

TRANSNET LTD REG. NO. 199000000090
237 MAHATMA GANDHI ROAD
DURBAN TEL: 031 361 1696
P.O. BOX 31683, DURBAN FAX: 0866 770815

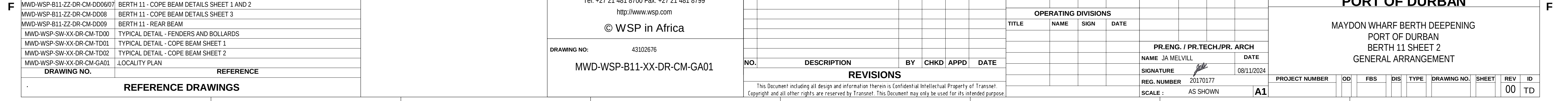


AREA	TITLE	DRAWING NO.	SHEET	REV	PRECINCT
DH 6#	A-Z				XXXXXX

PORT OF DURBAN

MAYDON WHARF BERTH DEEPENING
PORT OF DURBAN
BERTH 11 SHEET 1
GENERAL ARRANGEMENT

PROJECT NUMBER	OD	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
						00	TD	



**F**

Autodesk Doc: Maydon Wharf Berth DeepeningMWD-WSP-SW-ZZ-AG-CA000_MASTER14 2024/11/12 08:40:00

A

B

C

D

E

F

A

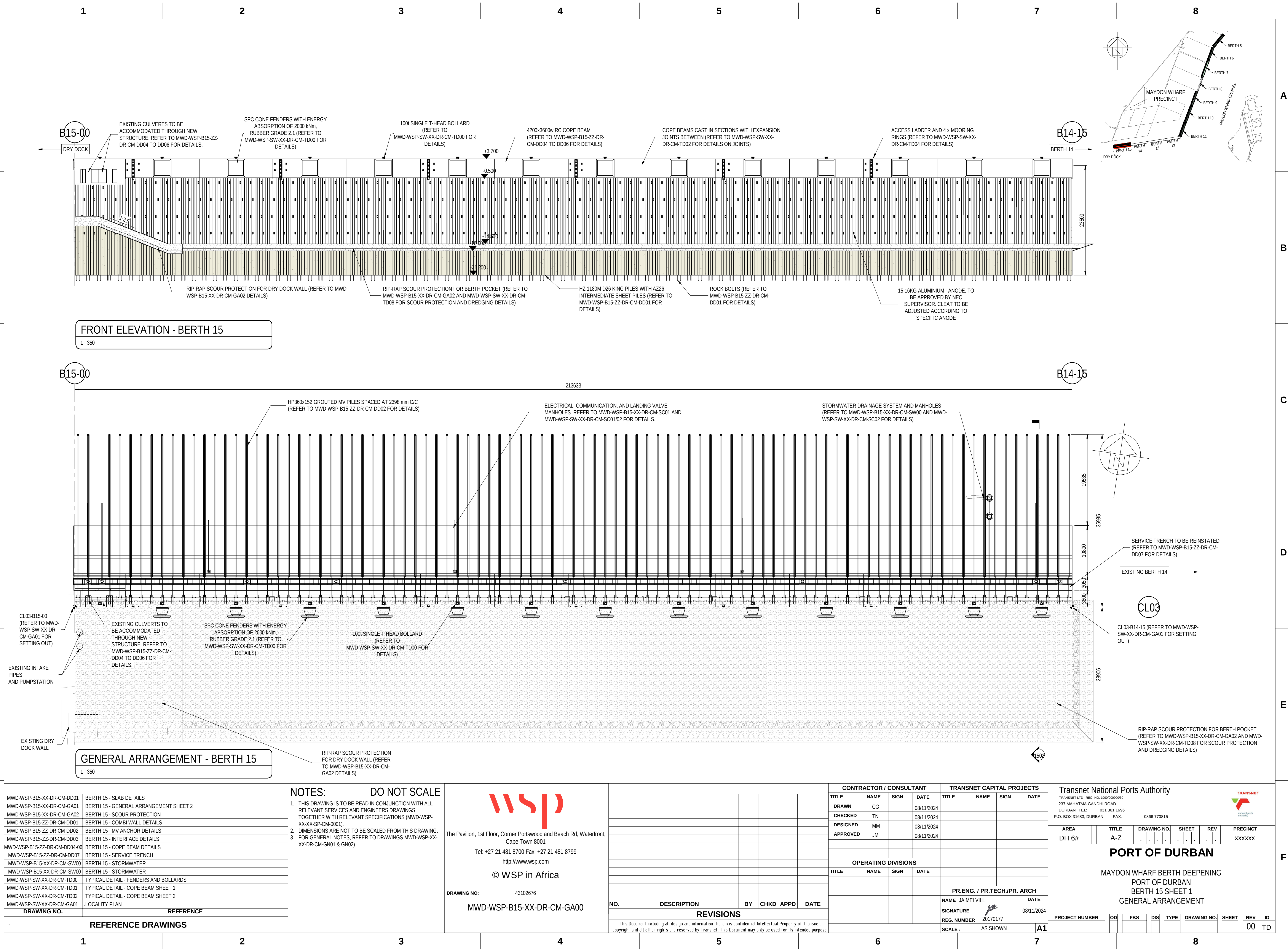
B

C

D

E

F



Autodesk DocuMan User Manual DrawingMWD-WSP-SW-ZZ-AG-CH000_MASTE14 2024/11/12 08:40:07

A

B

C

D

E

F

A

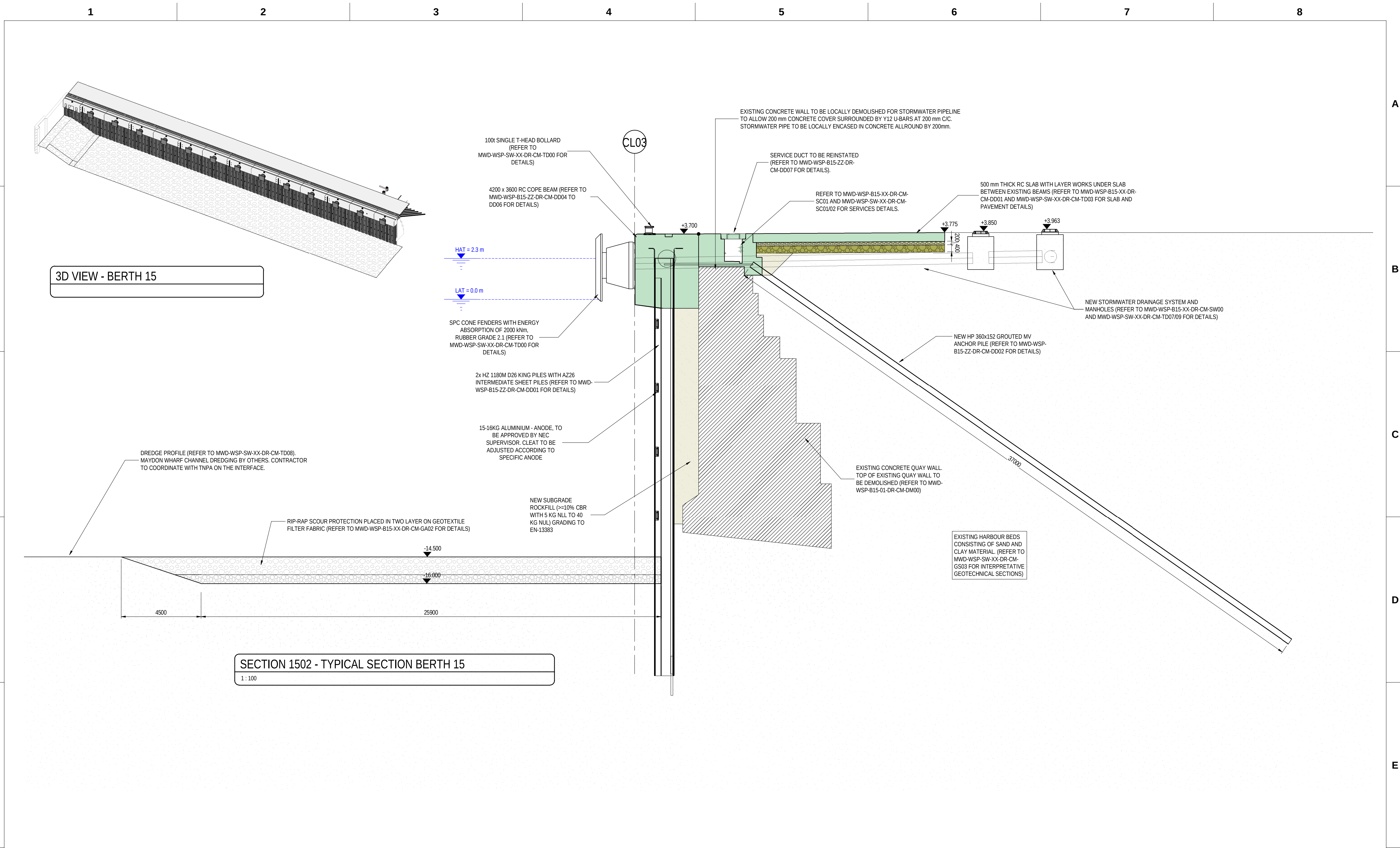
B

C

D

E

F



MWD-WSP-B15-XX-DR-CM-DD01BERTH 15 - SLAB DETAILS MWD-WSP-B15-XX-DR-CM-GA00BERTH 15 - GENERAL ARRANGEMENT SHEET 1 MWD-WSP-B15-XX-DR-CM-GA02BERTH 15 - SCOUR PROTECTION MWD-WSP-B15-ZZ-DR-CM-DD01BERTH 15 - COMBI WALL DETAILS MWD-WSP-B15-ZZ-DR-CM-DD02BERTH 15 - MV ANCHOR DETAILS MWD-WSP-B15-ZZ-DR-CM-DD03BERTH 15 - INTERFACE DETAILS MWD-WSP-B15-ZZ-DR-CM-DD04-06BERTH 15 - COPE BEAM DETAILS MWD-WSP-B15-ZZ-DR-CM-DD07BERTH 15 - SERVICE TRENCH MWD-WSP-B15-XX-DR-CM-SW00BERTH 15 - STORMWATER MWD-WSP-SW-XX-DR-CM-TD00TYPICAL DETAIL - FENDERS AND BOLLARDS MWD-WSP-SW-XX-DR-CM-TD01TYPICAL DETAIL - COPE BEAM SHEET 1 MWD-WSP-SW-XX-DR-CM-TD02TYPICAL DETAIL - COPE BEAM SHEET 2 MWD-WSP-SW-XX-DR-CM-GA01LOCALITY PLAN MWD-WSP-SW-XX-DR-CM-TD08DREDGING PROFILE TYPICAL DETAIL DRAWING NO.REFERENCE REFERENCE DRAWINGS		NOTES: DO NOT SCALE 1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICES AND ENGINEERS DRAWINGS TOGETHER WITH RELEVANT SPECIFICATIONS (MWD-WSP-XX-XX-SP-CM-0001). 2. DIMENSIONS ARE NOT TO BE SCALED FROM THIS DRAWING. 3. FOR GENERAL NOTES, REFER TO DRAWINGS MWD-WSP-XX-XX-DR-CM-GN01 & GN02.		wsp The Pavilion, 1st Floor, Corner Portswood and Beach Rd, Waterfront, Cape Town 8001 Tel: +27 21 481 8700 Fax: +27 21 481 8799 http://www.wsp.com © WSP in Africa DRAWING NO:43102676 MWD-WSP-B15-XX-DR-CM-GA01	NO. DESCRIPTION BY CHKD APPD DATE REVISIONS This Document including all design and information therein is Confidential Intellectual Property of Transnet. Copyright and all other rights are reserved by Transnet. This Document may only be used for its intended purpose.	CONTRACTOR / CONSULTANT TITLE NAME SIGN DATE DRAWN CG 08/11/2024 CHECKED TN 08/11/2024 DESIGNED MM 08/11/2024 APPROVED JM 08/11/2024 OPERATING DIVISIONS TITLE NAME SIGN DATE PR.ENG. / PR.TECH./PR. ARCH NAME JA MELVILL DATE 08/11/2024 SIGNATURE REG. NUMBER 20170177 SCALE : AS SHOWN A1	TRANSNET CAPITAL PROJECTS TITLE NAME SIGN DATE AREA DH 6# TITLE A-Z DRAWING NO. SHEET REV PRECINCT XXXXXX PORT OF DURBAN MAYDON WHARF BERTH DEEPENING PORT OF DURBAN BERTH 15 SHEET 2 GENERAL ARRANGEMENT PROJECT NUMBER OD FBS DIS TYPE DRAWING NO. SHEET 00 REV TD ID
--	--	--	--	--	---	--	--

Last saved in Autocad Revit 2023.

