

SKERRIES HARBOUR - SHEET PILE WALL REPLACEMENT

CLIENT:

**Comhairle Contae
Fhine Gall**
Fingal County
Council



CONSULTANT:

ayesa

Notes:

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DRAWING LIST				
DRAWING NO.	DRAWING TITLE	SHEET NO.	SIZE	REV NO.
CM1400-MA-DR-00001	COVER PAGE	1 of 1	A3	00
CM1400-MA-DR-00002	DRAWING INDEX	1 of 1	A3	00
CM1400-MA-DR-01000	10,560 SITE LAYOUT MAP	1 of 1	A3	00
CM1400-MA-DR-01001	SITE LOCATION MAP	1 of 1	A3	00
CM1400-MA-DR-01002	SITE LOCATION PLAN	1 of 1	A3	00
CM1400-MA-DR-01003	DEMOLITION PLAN	1 of 1	A3	00
CM1400-MA-DR-01004	DEMOLITION PLAN AND CONSTRUCTION SEQUENCE	1 of 1	A3	00
CM1400-MA-DR-01100	EXISTING SITE LAYOUT AND SECTION A	1 of 1	A3	00
CM1400-MA-DR-01101	PROPOSED SITE LAYOUT AND SECTION B	1 of 1	A3	00
CM1400-MA-DR-01102	PROPOSED ELEVATIONS A & B	1 of 1	A3	00
CM1400-MA-DR-01103	PROPOSED SERVICES PLAN	1 of 1	A3	00

00	02/24	PLANNING APPLICATION	TJOC	POC	SG
Rev	Date	Description	By	Chk	App



CLIENT

**Comhairle Contae
Fhine Gall**
Fingal County
Council



PROJECT

SKERRIES HARBOUR
SHEET PILE WALL REPLACEMENT

DRAWING TITLE

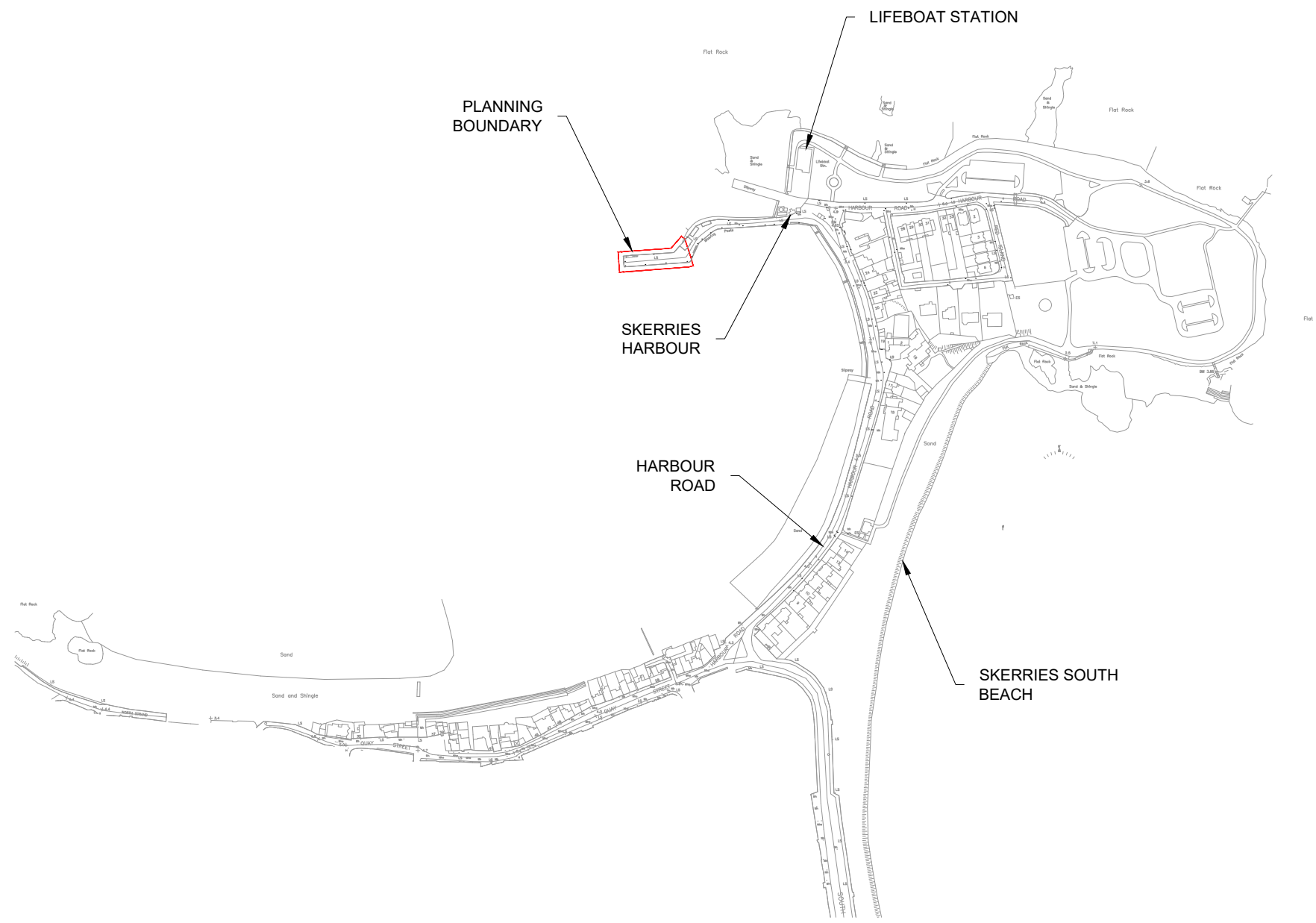
DRAWING INDEX

STATUS

PLANNING APPLICATION

SUITABILITY
—

Date: 14.11.23	Scale: N.T.S.	Drawn: TJOC	Chk: POC	App: SG
Project No: CM1400	Drg. No: CM1400-MA-DR-00002	Rev: P01		



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LEGEND:

— PLANNING BOUNDARY

SCALE 1:5,000
 MAP SHEETS: 2652-07
 ITM CENTREPOINT
 CO-ORDINATES:
 725260, 761193
 DEVELOPMENT ADDRESS:
 SKERRIES HARBOUR
 Co. DUBLIN

PLANNING AREA = 0.12 Hectares

00	02/24	PLANNING APPLICATION	TJOC	POC	SG
Rev	Date	Description	By	Chk	App



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**Comhairle Contae
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 Fingal County
 Council

PROJECT
 SKERRIES HARBOUR
 SHEET PILE WALL REPLACEMENT

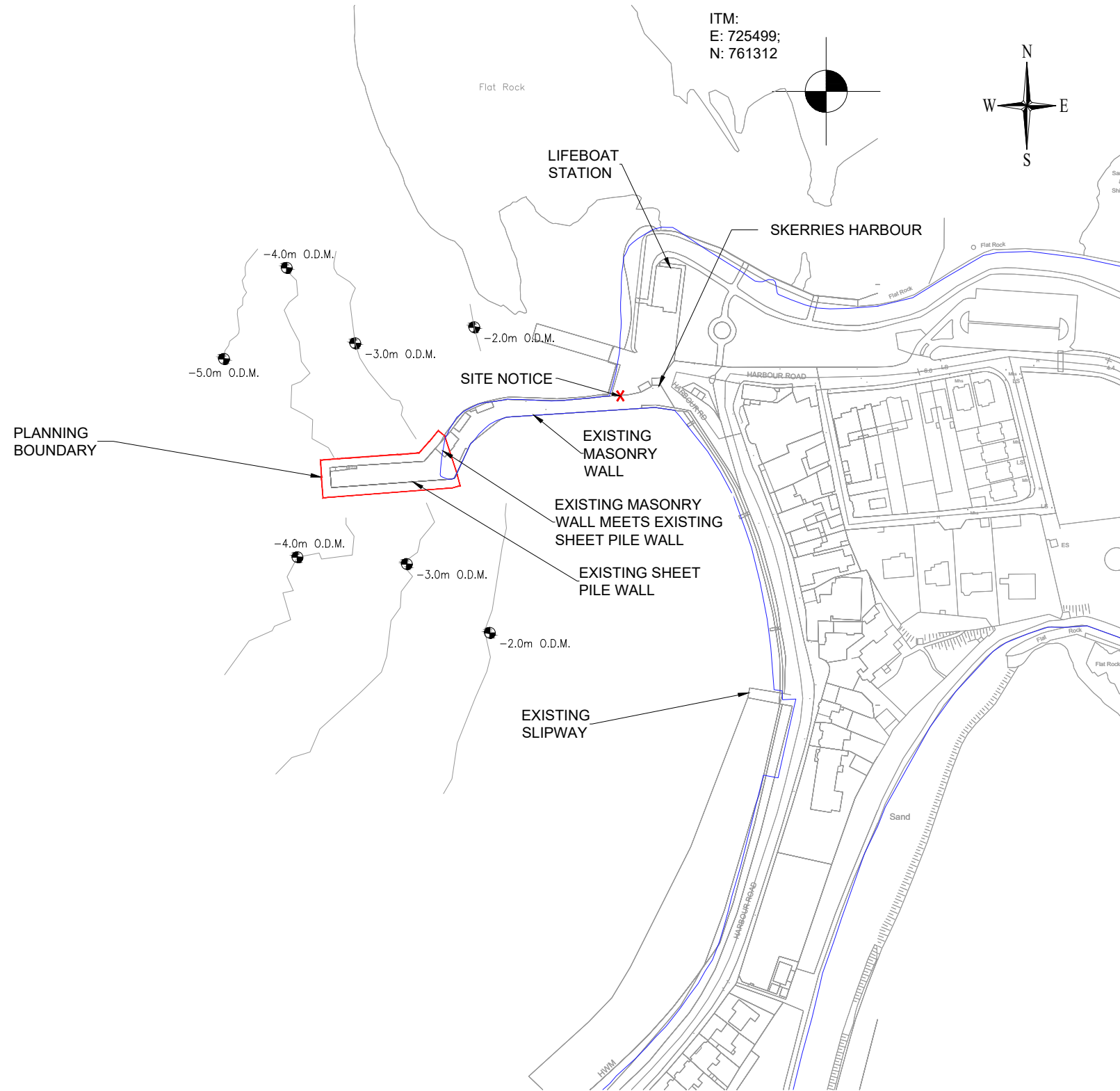
DRAWING TITLE
 SITE LOCATION MAP

STATUS	PLANNING APPLICATION	SUITABILITY	—
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Date: 14.11.23	Scale: 1:5,000	Drawn: TJOC	Chk: POC	App: SG
Project No: CM1400	Drg. No: CM1400-MA-DR-01000			Rev: P01

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SITE LOCATION MAP
 Scale 1:5,000



— SITE LOCATION MAP
— Scale 1:2,500

GENERAL NOTES

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LEGEND:

- PLANNING BOUNDARY
- HIGH WATER MARK (CBS - NATIONAL MAPPING OPEN DATA PORTAL)
- X SITE NOTICE

SCALE 1:2,500
 MAP SHEETS: 2652-07
 ITM CENTREPOINT
 CO-ORDINATES:
 725260, 761193
 DEVELOPMENT ADDRESS:
 SKERRIES HARBOUR
 Co. DUBLIN

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00	02/24	PLANNING APPLICATION	TJOC	POC	SG
Rev	Date	Description	By	Chk	App



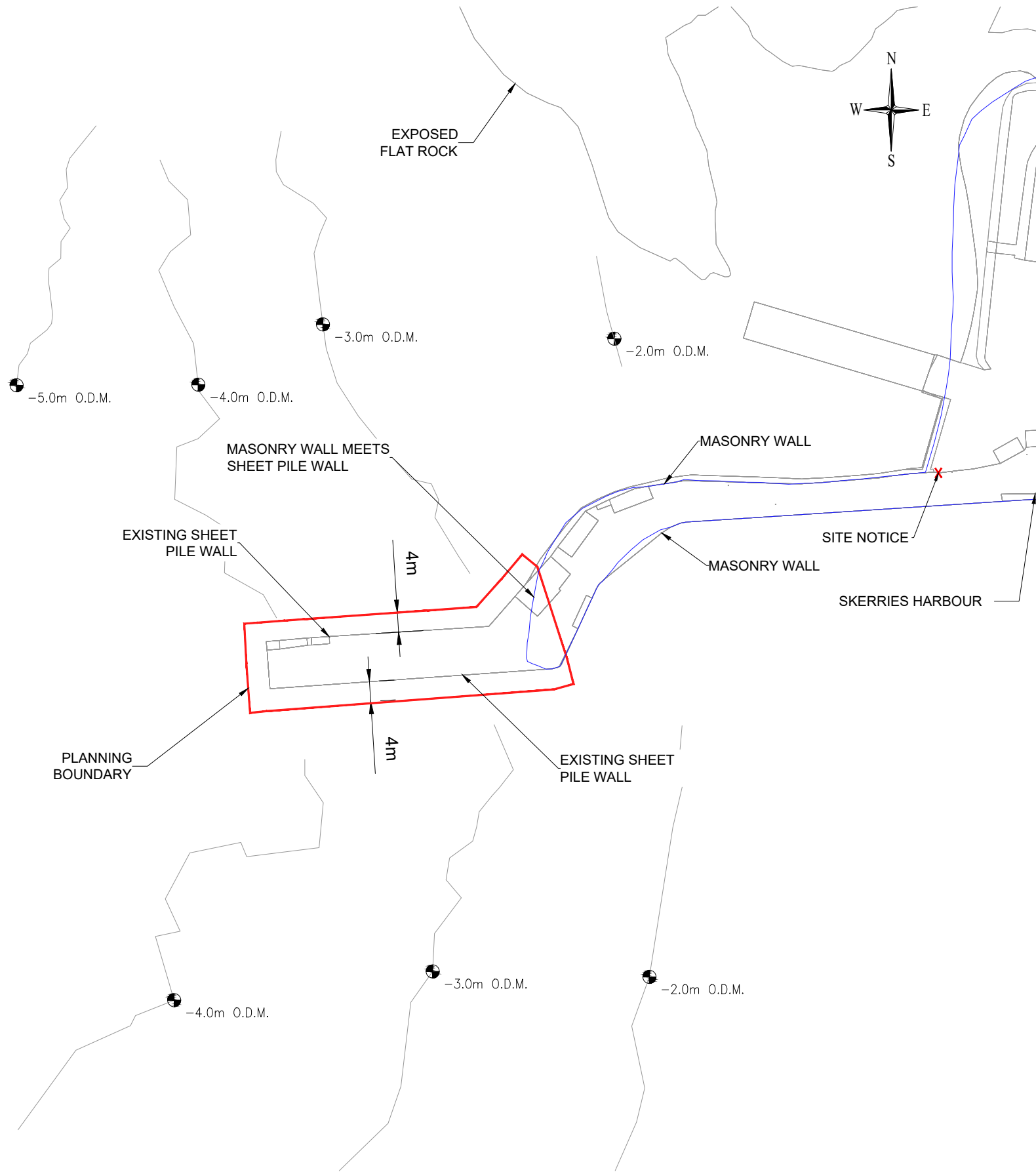
CLIENT
**Comhairle Contae
 Fhine Gall**
 Fingal County
 Council

PROJECT
 SKERRIES HARBOUR
 SHEET PILE WALL REPLACEMENT

DRAWING TITLE
 SITE LOCATION MAP

STATUS	PLANNING APPLICATION	SUITABILITY	—
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Date: 14.11.23	Scale: 1:2,500	Drawn: TJOC	Chk: POC	App: SG
Project No: CM1400	Drg. No: CM1400-MA-DR-01001	Rev:	P01	



⊖ SITE LOCATION PLAN
⊖ Scale 1:1,000

GENERAL NOTES

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LEGEND:

- PLANNING BOUNDARY
- HIGH WATER MARK (CBS - NATIONAL MAPPING OPEN DATA PORTAL)
- X SITE NOTICE

SCALE 1:1,000
 MAP SHEETS: 2652-07
 ITM CENTREPOINT
 CO-ORDINATES:
 725260, 761193
 DEVELOPMENT ADDRESS:
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Rev	Date	Description	By	Chk	App



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 SKERRIES HARBOUR
 SHEET PILE WALL REPLACEMENT

DRAWING TITLE
 SITE LOCATION PLAN

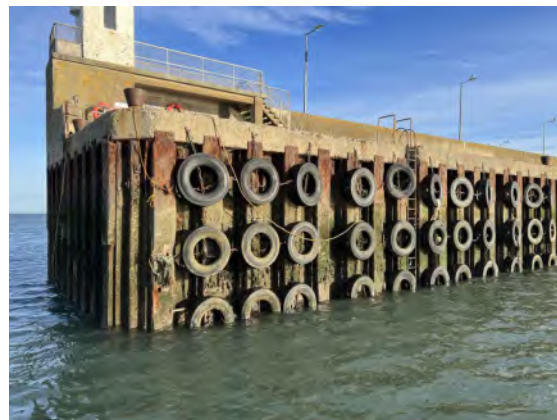
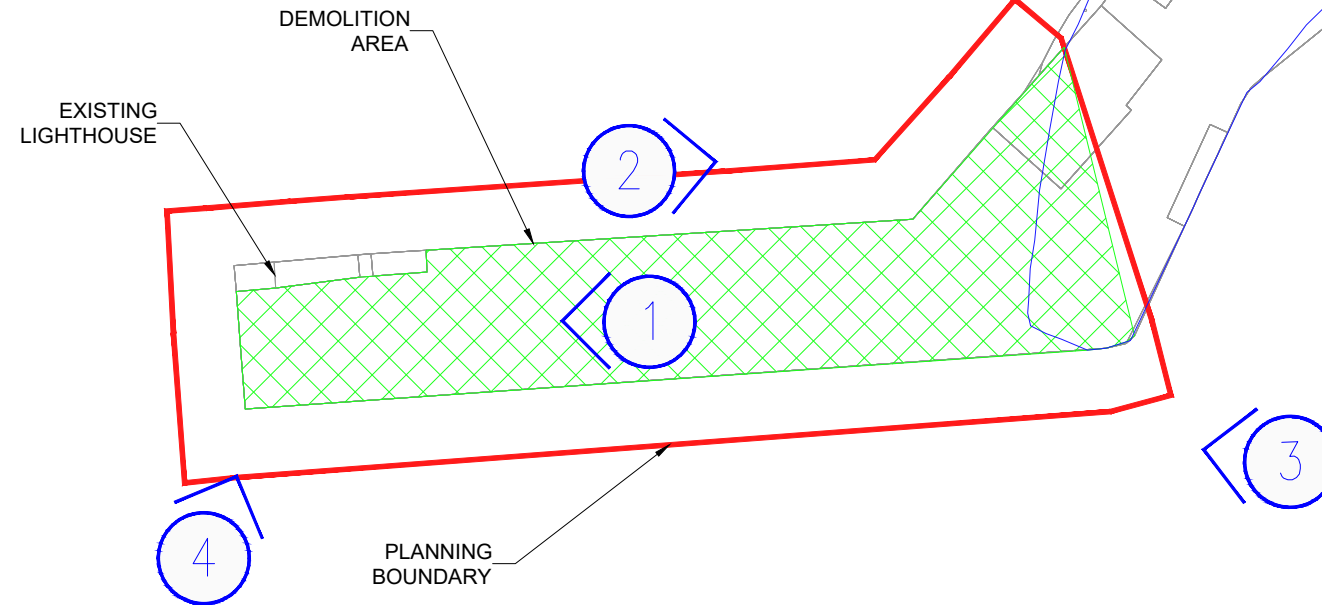
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Date: 14.11.23	Scale: 1:1,000	Drawn: TJOC	Chk: POC	App: SG
Project No: CM1400	Drg. No: CM1400-MA-DR-01002	Rev:	P01	



2 VIEWPOINT
- N.T.S.

1 VIEWPOINT
- N.T.S.



4 VIEWPOINT
- N.T.S.



3 VIEWPOINT
- N.T.S.

DEMOLITION PLAN
Scale 1:500

GENERAL NOTES

Notes:

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LEGEND:

- PLANNING BOUNDARY
- HIGH WATER MARK (CBS - NATIONAL MAPPING OPEN DATA PORTAL)
- DEMOLITION AREA

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Fingal County
Council



PROJECT

SKERRIES HARBOUR
SHEET PILE WALL REPLACEMENT

DRAWING TITLE

DEMOLITION PLAN

STATUS

PLANNING APPLICATION

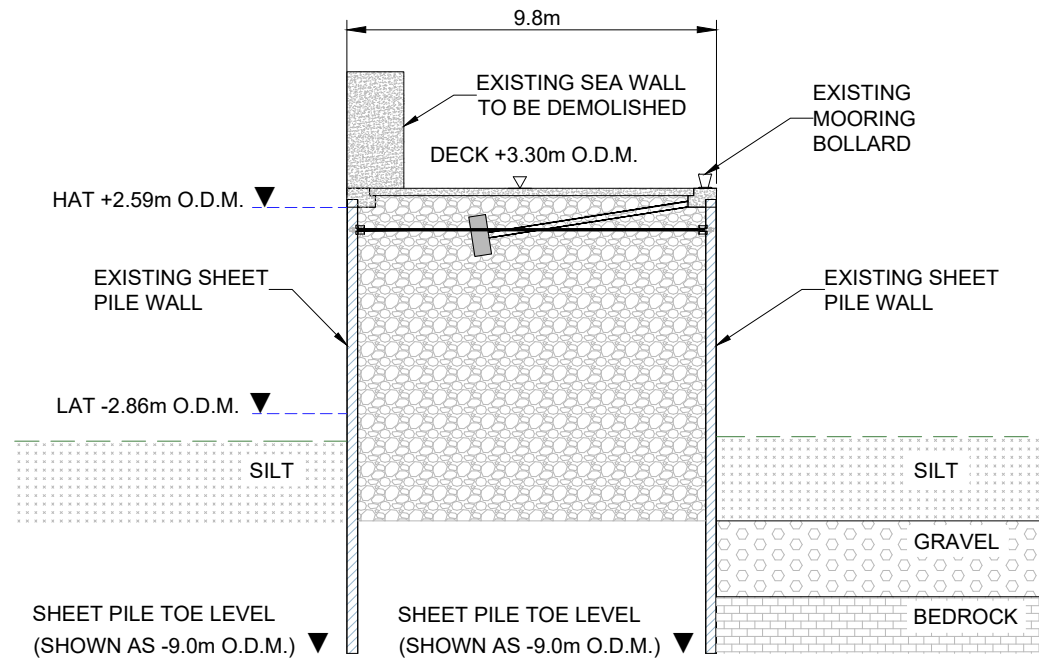
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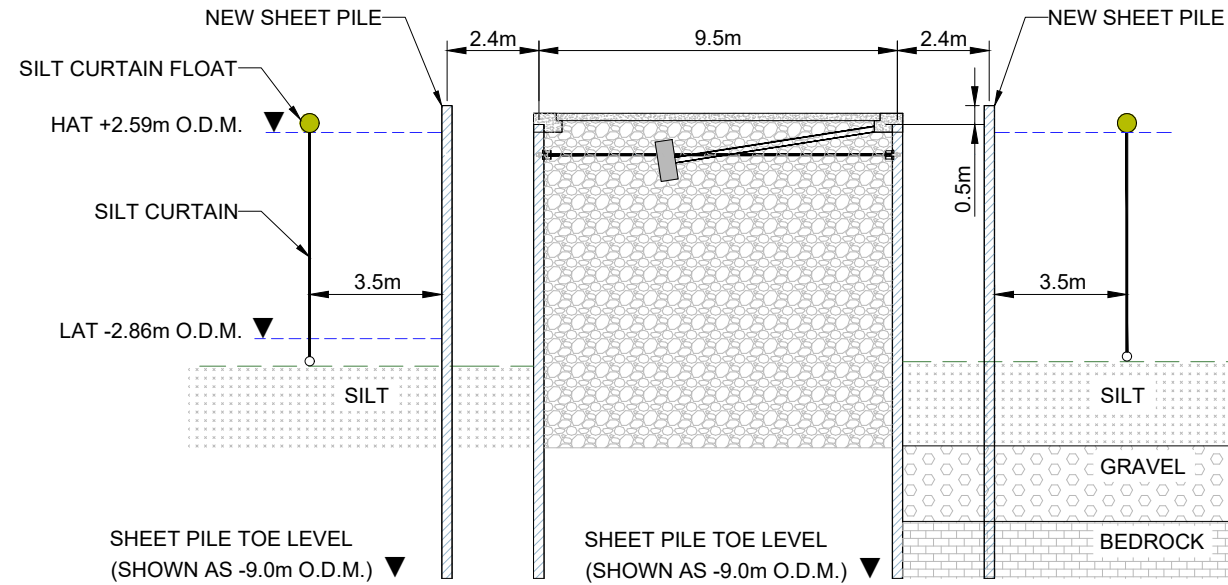
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Project No: CM1400	Drg. No: CM1400-MA-DR-01003	Rev: P01		

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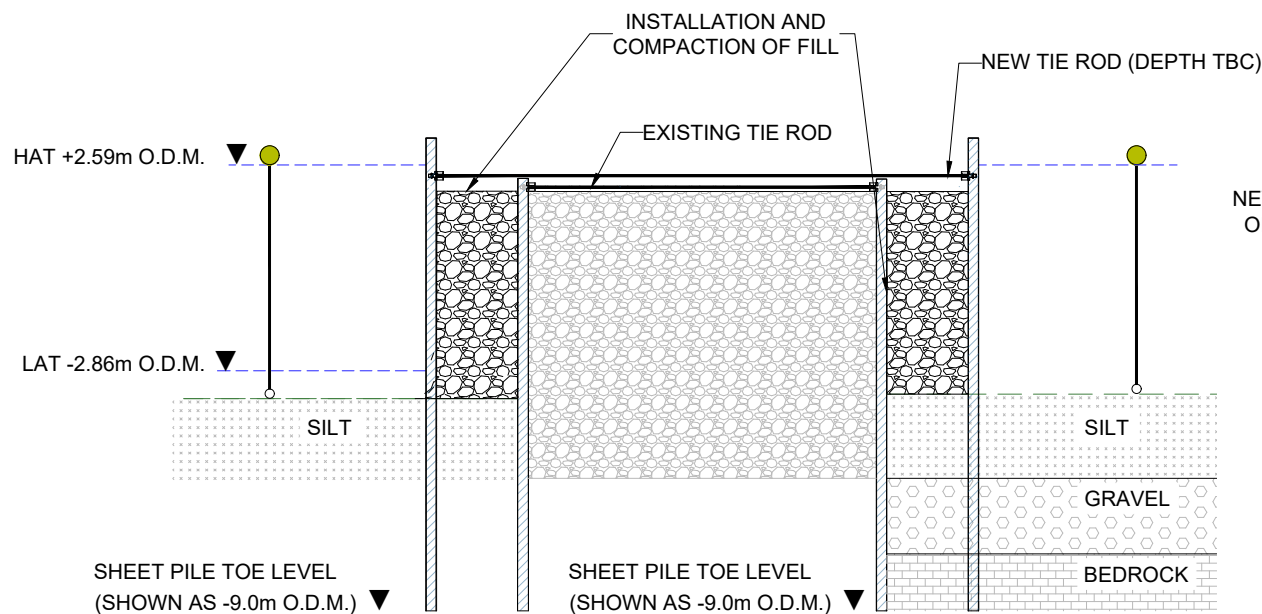
○ TYPICAL CROSS SECTION THROUGH EXISTING PIER
○ Scale 1:200



○ PHASE 1
○ Scale 1:200

PHASE 1;

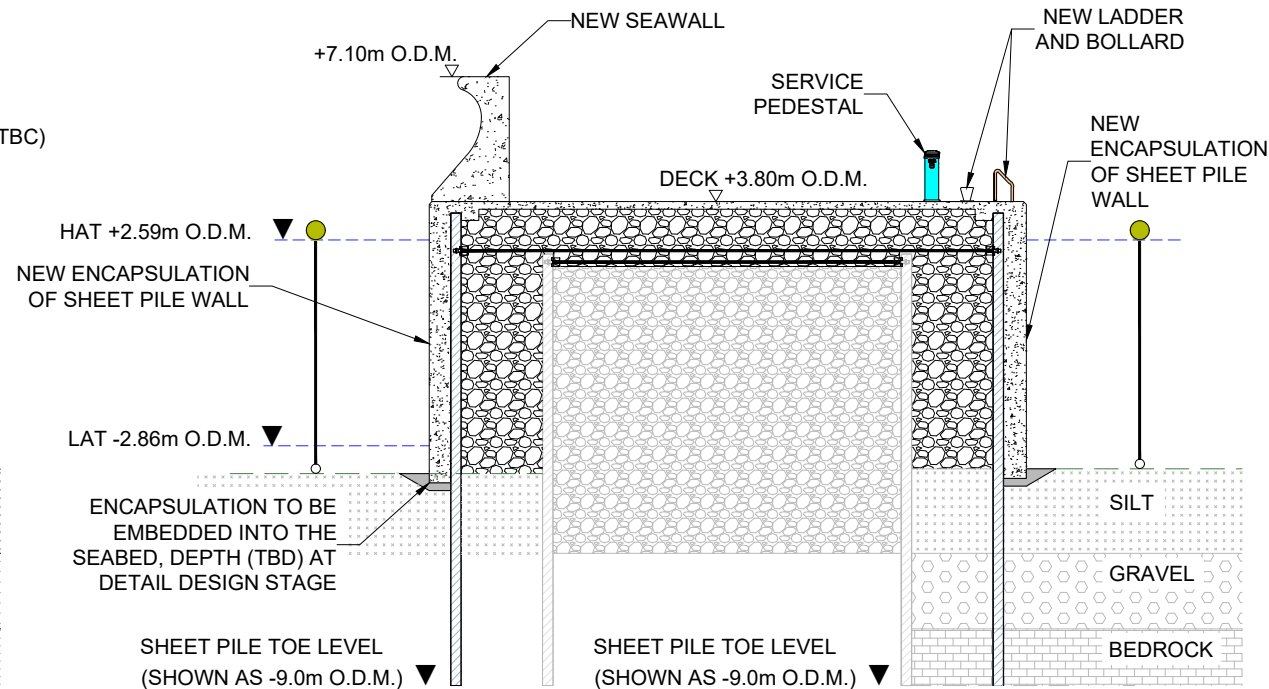
1. INSTALLATION OF SILT CURTAIN.
2. REMOVAL OF EXISTING SEAWALL.
3. INSTALLATION OF NEW SHEET PILES.



○ PHASE 2
○ Scale 1:200

PHASE 2;

1. TRENCHES WILL BE DEVELOPED BY REMOVING THE EXISTING CAPPING BEAM AND DECK AT LOCATIONS OF NEW TIE RODS.
2. INSTALLATION AND COMPACTION OF FILL BETWEEN TIE RODS, DEAD MAN ANCHORS, NEW SHEET PILES AND EXISTING SHEET PILES UP TO THE ANCHOR LEVEL.
3. REMOVAL OF CAPPING BEAM AND DECK AT SPECIFIC LOCATIONS TO INSTALL THE NEW TIE RODS CONNECTING THE NEW SHEET PILE WALL.



○ PHASE 3
○ Scale 1:200

PHASE 3;

1. INSTALLATION AND COMPACTION OF FILL MATERIAL FROM TIE ROD TO UNDERSIDE OF DECK.
2. THE ENCAPSULATION OF THE SHEET PILES AND POURING OF THE NEW DECK. (NOTE: CONCRETE TO BE POURED BELOW EXISTING SEA BED)
3. INSTALLATION OF NEW BOLLARDS, LADDERS AND SERVICE PEDESTAL.
4. INSTALLATION OF NEW SEAWALL ON DECK.

00	01/24	PLANNING APPLICATION	TJOC	POC	SG
Rev	Date	Description	By	Chk	App



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PROJECT

SKERRIES HARBOUR
SHEET PILE WALL REPLACEMENT

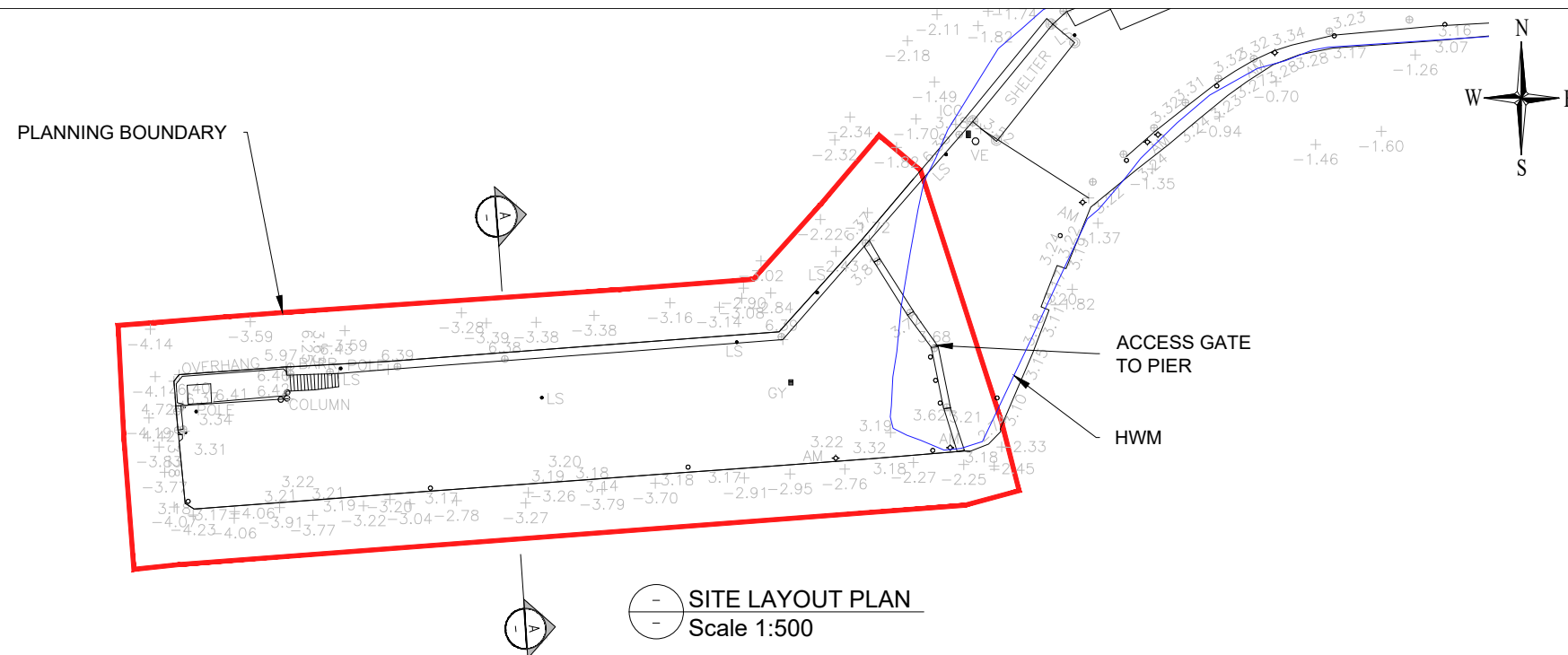
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DEMOLITION PLAN AND
CONSTRUCTION SEQUENCE

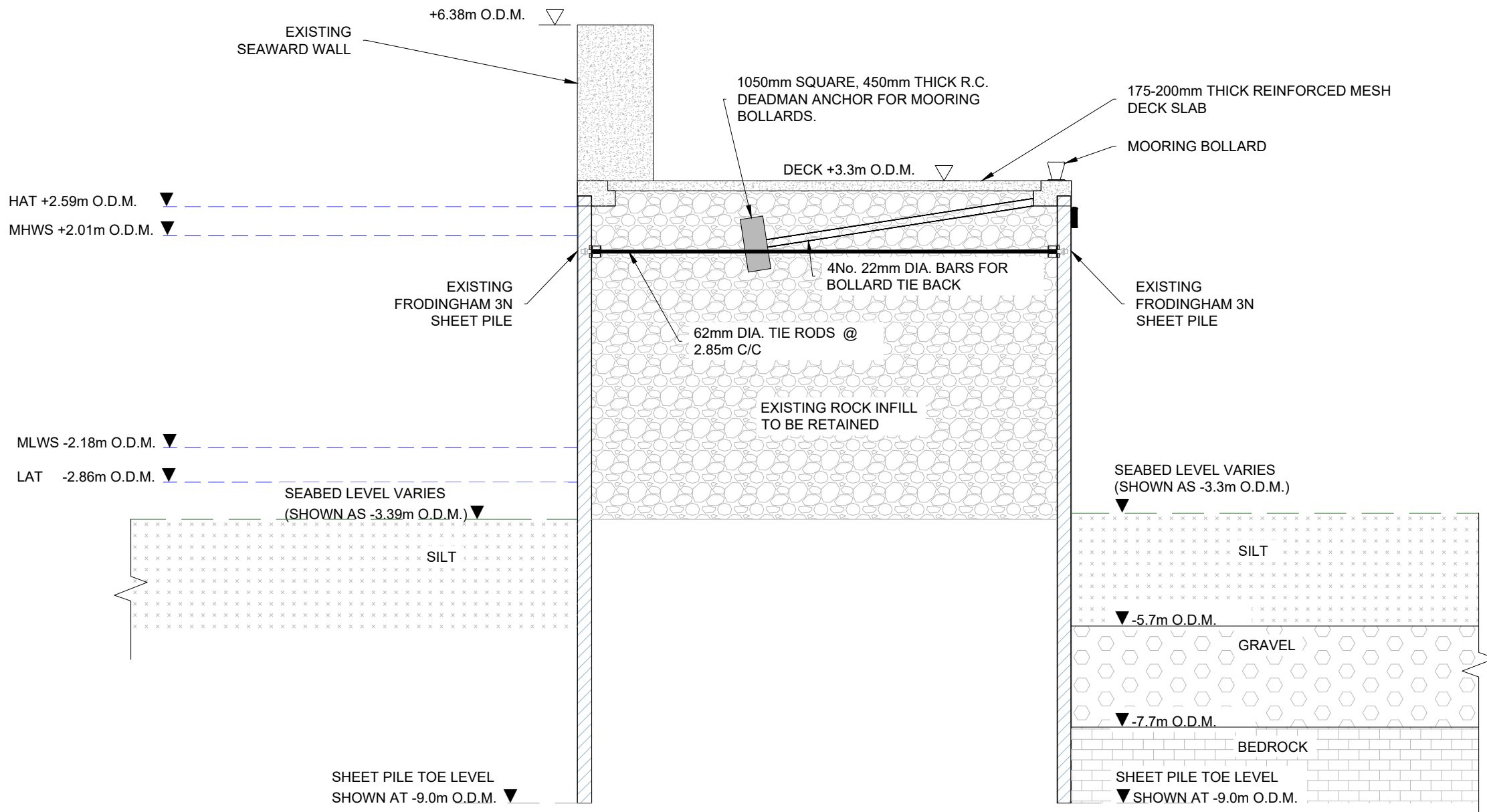
STATUS	PLANNING APPLICATION	SUITABILITY	-
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Date: 14.11.23	Scale: 1:200	Drawn: TJOC	Chk: POC	App: SG
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Project No: CM1400	Drg. No: CM1400-MA-DR-01004	Rev: P01
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SITE LAYOUT PLAN
Scale 1:500



EXISTING SECTION
Scale 1:100

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- LEGEND:**
- PLANNING BOUNDARY
 - HIGH WATER MARK (CBS - NATIONAL MAPPING OPEN DATA PORTAL)

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Rev	Date	Description	By	Chk	App



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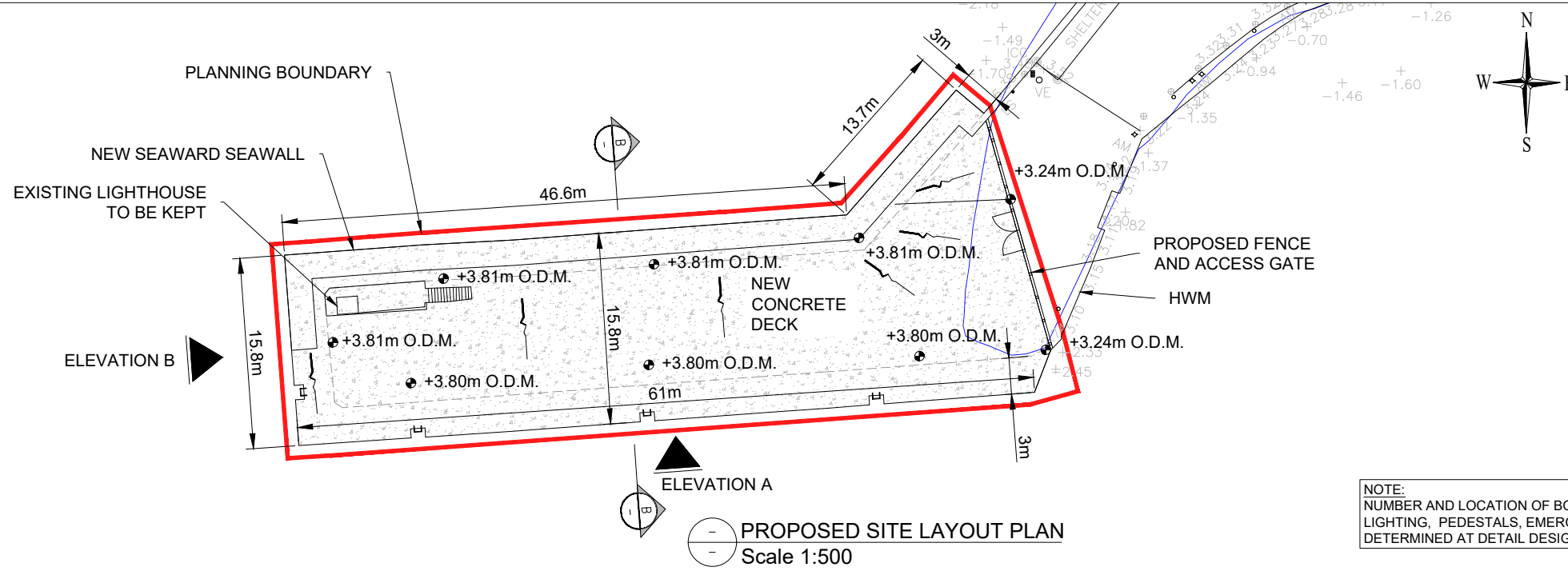
PROJECT
SKERRIES HARBOUR
SHEET PILE WALL REPLACEMENT

DRAWING TITLE
EXISTING SITE LAYOUT AND SECTION A

STATUS
PLANNING APPLICATION

SUITABILITY
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Date: 14.11.23	Scale: AS SHOWN	Drawn: TJOC	Chk: POC	App: SG
Project No: CM1400	Drg. No: CM1400-MA-DR-01100	Rev: P01		

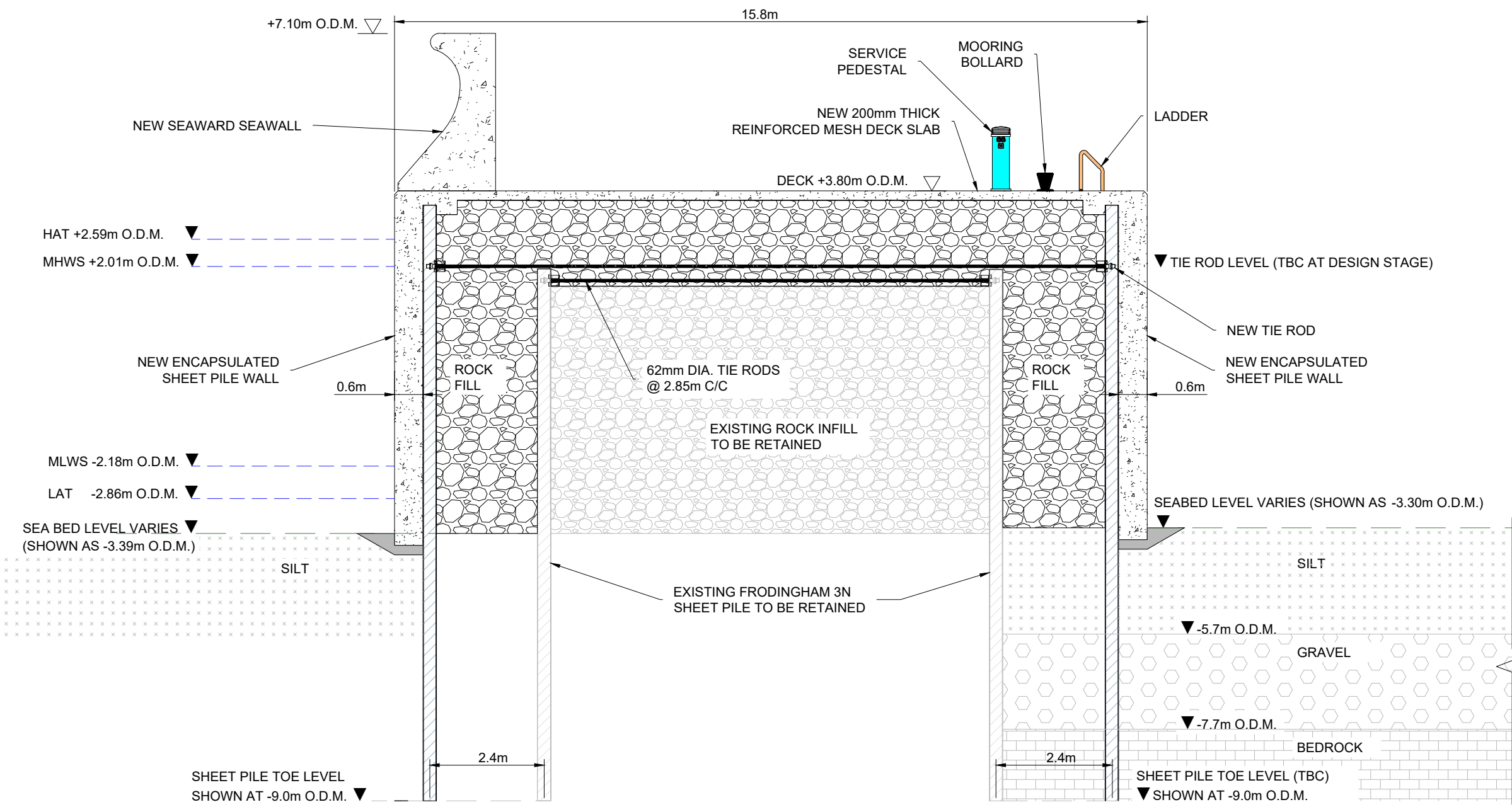


NOTE:
NUMBER AND LOCATION OF BOLLARDS, LADDERS,
LIGHTING, PEDESTALS, EMERGENCY PEDESTALS TO BE
DETERMINED AT DETAIL DESIGN STAGE.

GENERAL NOTES

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- LEGEND:
- PLANNING BOUNDARY
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PROPOSED SECTION
Scale 1:100

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Rev	Date	Description	By	Chk	App



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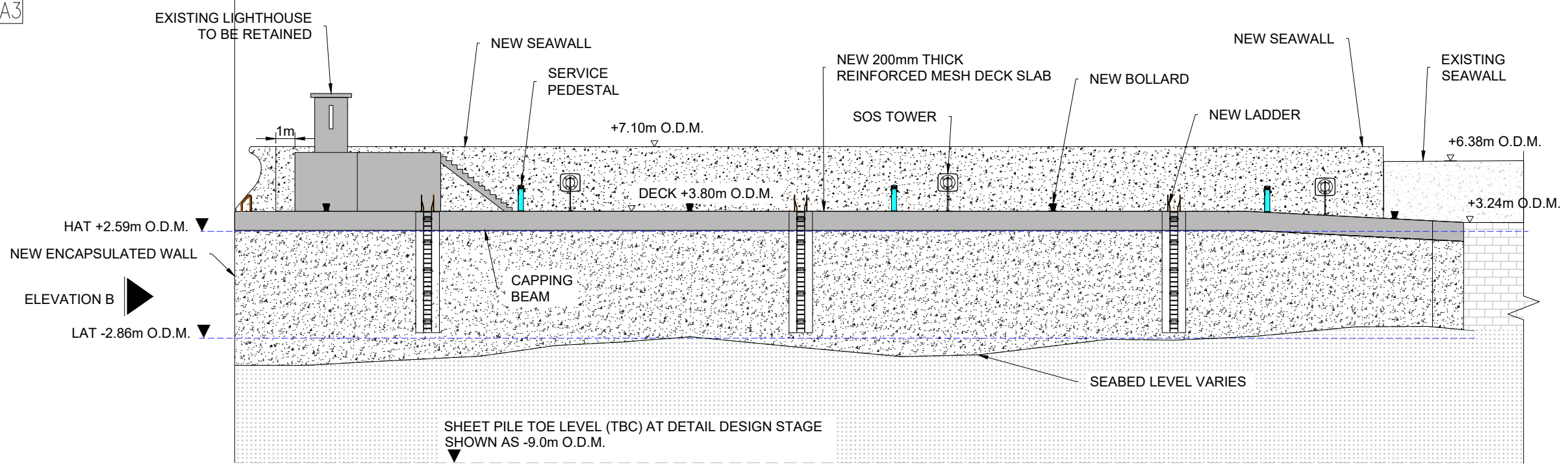
PROJECT
SKERRIES HARBOUR
SHEET PILE WALL REPLACEMENT

DRAWING TITLE
PROPOSED SITE LAYOUT AND SECTION B

STATUS
PLANNING APPLICATION

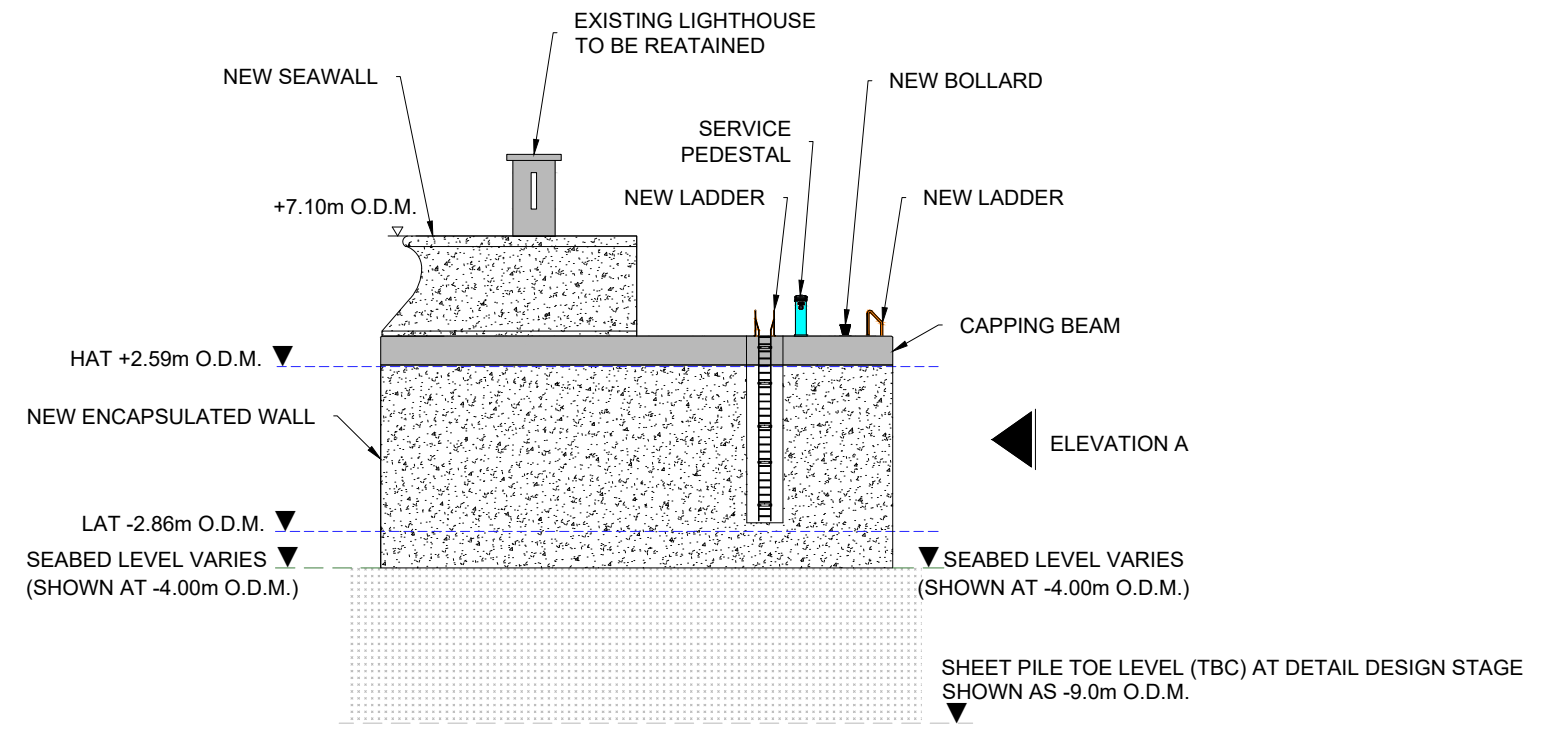
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Project No: CM1400	Drg. No: CM1400-MA-DR-01101	Rev: P01		

A3



PROPOSED ELEVATION A
Scale 1:250

NOTE:
NUMBER AND LOCATION OF BOLLARDS, LADDERS,
LIGHTING, PEDESTALS, EMERGENCY PEDESTALS TO BE
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PROPOSED ELEVATION B
Scale 1:250

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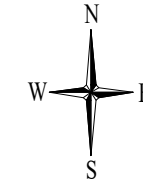
PROJECT
SKERRIES HARBOUR
SHEET PILE WALL REPLACEMENT

DRAWING TITLE
PROPOSED ELEVATIONS A & B

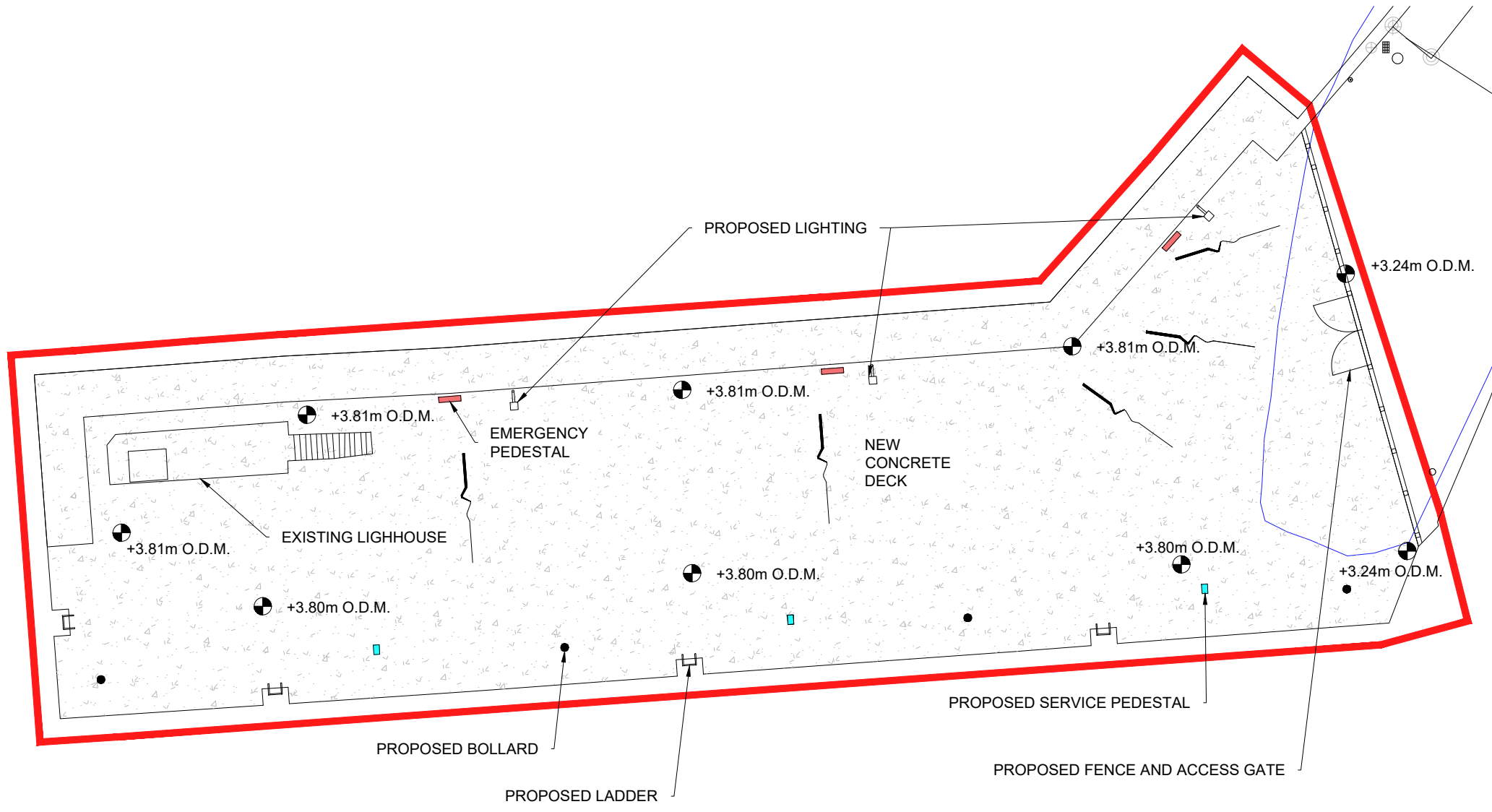
STATUS
PLANNING APPLICATION

Date: 14.11.23 Scale: AS SHOWN Drawn: TJOC Chk: POC App: SG

Project No: CM1400 Drg. No: CM1400-MA-DR-01102 Rev: P01



NOTE:
NUMBER AND LOCATION OF BOLLARDS, LADDERS,
LIGHTING, PEDESTALS, EMERGENCY PEDESTALS TO BE
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PROPOSED SERVICES PLAN
Scale 1:250

GENERAL NOTES

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LEGEND:

- PLANNING BOUNDARY
- HIGH WATER MARK (CBS - NATIONAL MAPPING OPEN DATA PORTAL)

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Rev	Date	Description	By	Chk	App



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Fingal County
Council

PROJECT
SKERRIES HARBOUR
SHEET PILE WALL REPLACEMENT

DRAWING TITLE
PROPOSED SERVICES PLAN

STATUS	PLANNING APPLICATION	SUITABILITY	—
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Date: 14.11.23	Scale: AS SHOWN	Drawn: TJOC	Chk: POC	App: SG
Project No: CM1400	Drg. No: CM1400-MA-DR-01103	Rev: P01		