



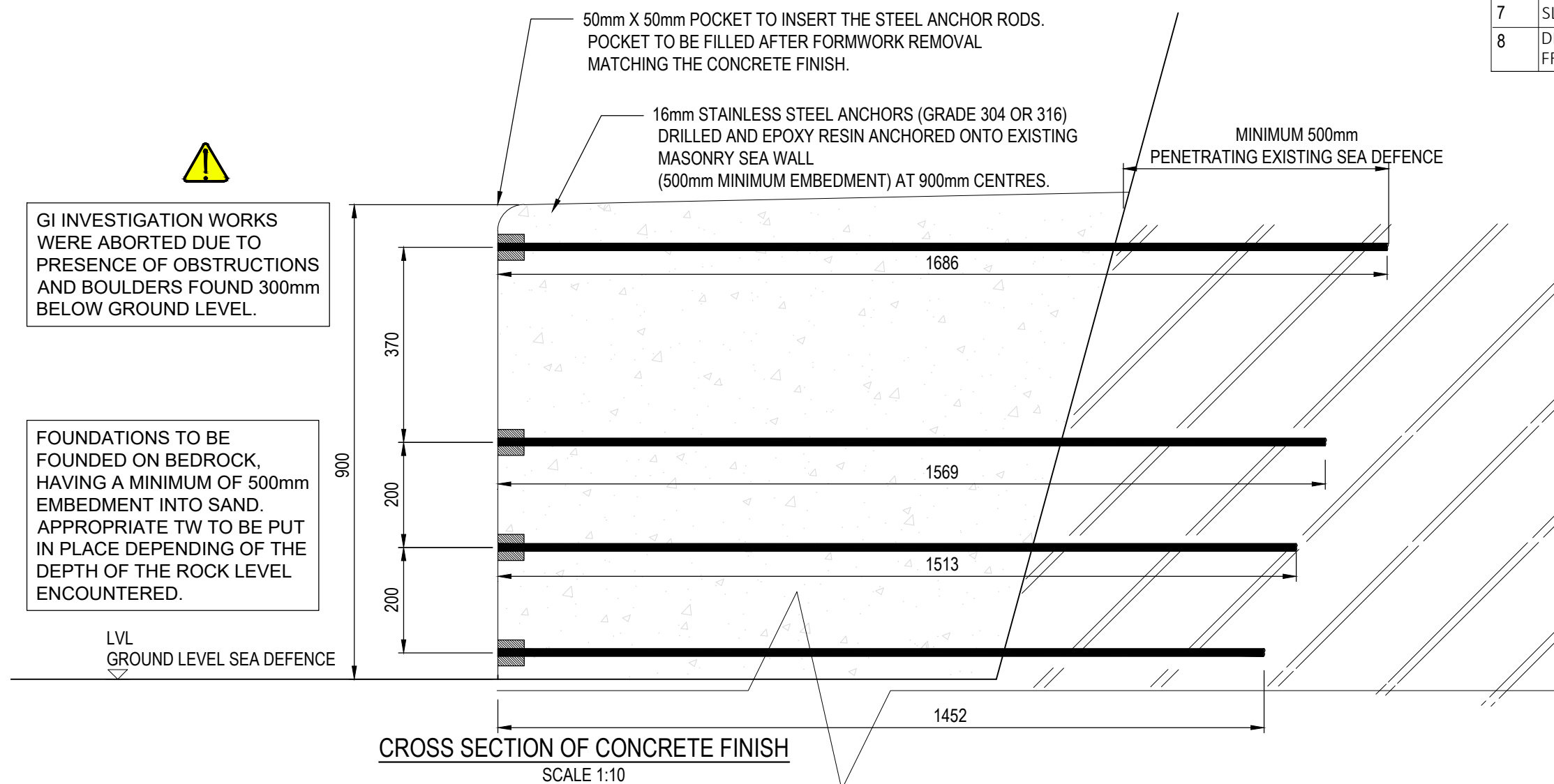
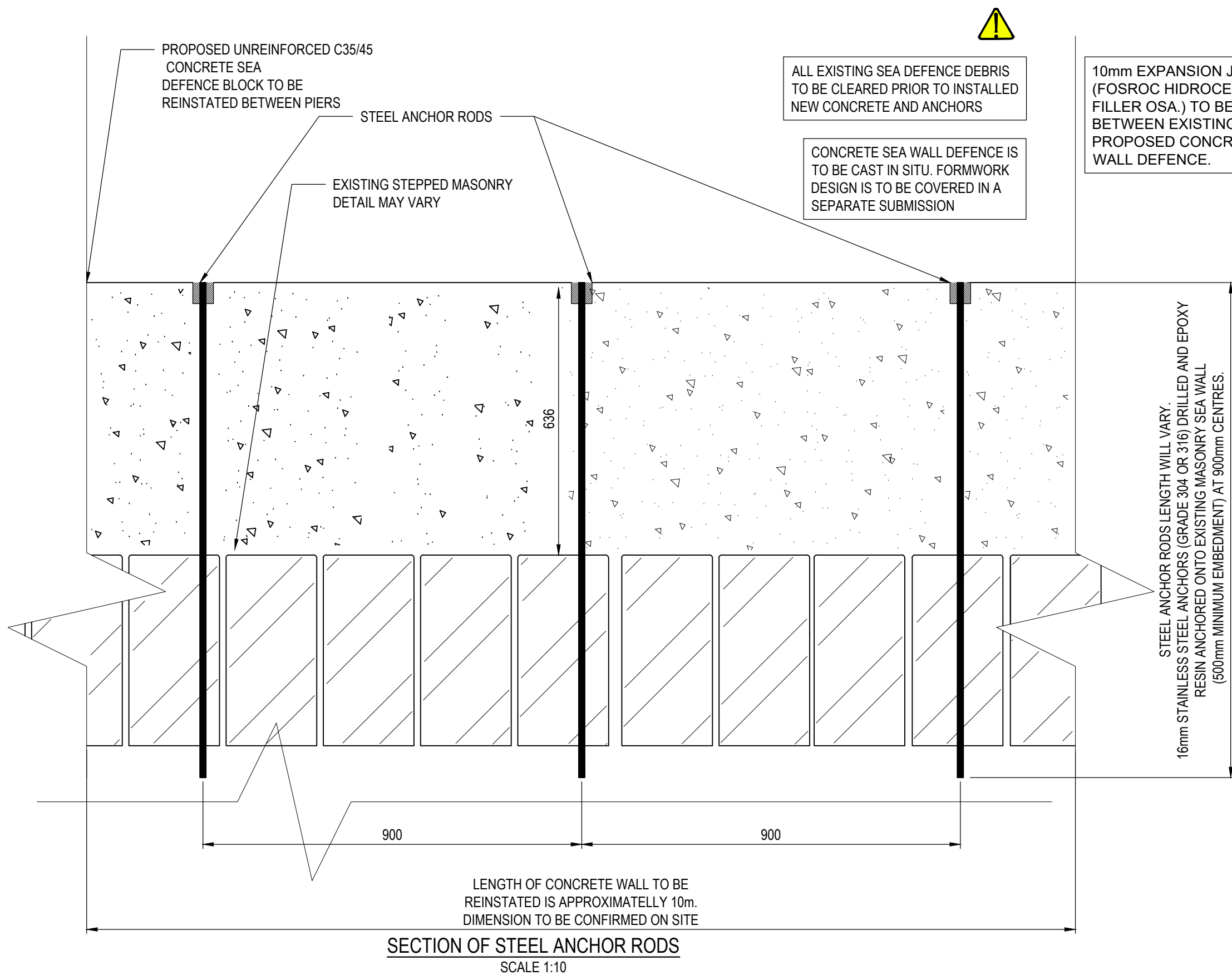
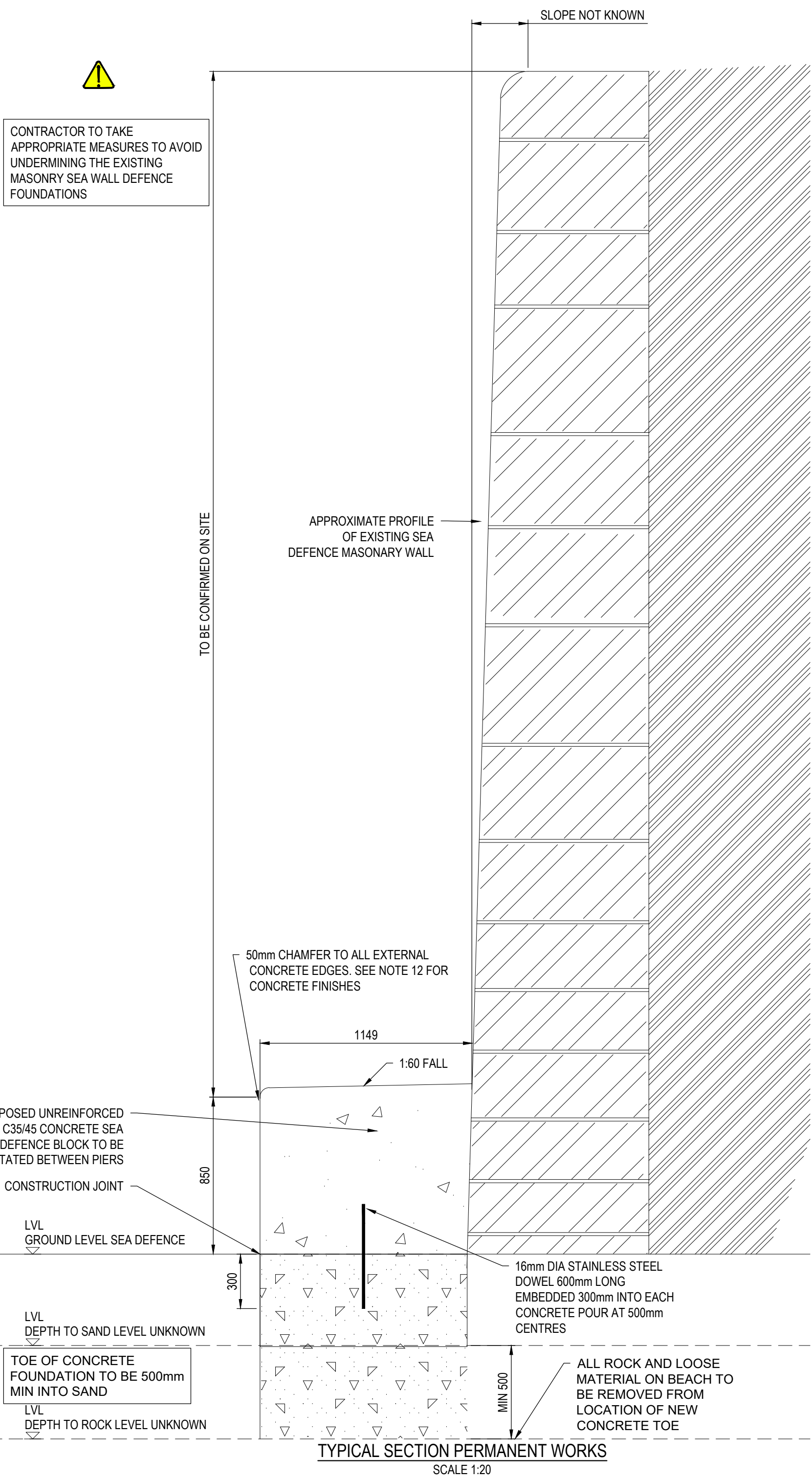
EXISTING PIER



EXISTING SEA DEFENCE TO BE REMOVED



EXISTING SEA DEFENCE BLOCK



SIGNIFICANT DESIGNER'S IDENTIFIED HAZARDS			
REF	RISK	REF	RISK
1	LACK OF FIT RESULTING IN DELAYS	9	CONTAMINATION TO THE ENVIRONMENT. MINOR HEALTH RISKS
2	LOCALIZED SUBSIDENCE DUE TO CONCRETE POURING WORKS	10	VANDALISM, AND BURGLARIES
3	BRICK WALL INSTABILITY DURING CONCRETE POURING WORKS	11	EXCAVATION/SLOPE COLLAPSE
4	RISK OF FAILURE OF FORMWORK AND WET CONCRETE TO BE SPILLED OUT	12	FAILURE OF EXISTING ABUTMENT FAILURE OF DESIGN. RISK OF INJURY/DEATH.
5	DISTURBANCE TO ADJACENT ROAD, TRACK AND DAMAGE TO LOCAL ENVIRONMENT.	13	UNKNOWN BEDROCK LEVEL DUE TO CONTRACTOR BEING UNABLE TO CARRY OUT GI INVESTIGATION
6	WORKER INJURY.	14	CONTRACTOR COMING INTO CONTACT LESS THAN 2M - COVID-19.
7	SLIP / TRIP / FALL RELATED INJURIES	FOR MORE DETAILED INFORMATION PLEASE REFER TO 22166C/DRA-001	
8	DEATH/INJURY DUE TO FALLS FROM HEIGHT	EVERYDAY OR LOW RISK HAZARDS HAVE NOT BEEN INDICATED ON THIS DRAWING. NEITHER HAVE HAZARDS THAT SHOULD BE OBVIOUS TO A COMPETENT CONTRACTOR. SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED THE CONTRACTOR SHOULD NOTIFY ALL THE RELEVANT PROJECT TEAM MEMBERS	

SUGGESTED CONSTRUCTION SEQUENCE

- THE CONCRETE POUR IS TO BE UNDERTAKEN FOLLOWING THE SUGGESTED SEQUENCE OF WORKS:
- SECURITY MEASURES TO BE PUT IN PLACE AND SITE COMPOUND SET UP AT LAND ADJACENT TO THE SEA WALL DEFENCE.
 - ACCESS ARRANGEMENT TO BE PUT IN PLACE
 - EXCAVATION TO BE CARRIED OUT TO POUR THE CONCRETE FOUNDATION. APPROPRIATE TEMPORARY WORKS (I.E EXCAVATION SUPPORT) TO BE PUT IN PLACE DEPENDING OF THE DEPTH OF THE ROCK LEVEL ENCOUNTERED.
 - TIMBER FORMWORK, INCLUDING DIWIDAGS TO BE INSTALLED AS SHOWN ON THE SEPARATE TEMPORARY WORKS SUBMISSION.
 - CONCRETE FOUNDATION AND SEA WALL BLOCK TO BE CAST IN SITU IN SEPARATE POURS
 - STAINLESS DIWIDAGS VOIDS TO BE FILLED WITH MORTAR TO PROVIDE THE REQUIRED CONCRETE COVER
 - REMOVED ACCESS ARRANGEMENTS AND CLEAR THE SITE COMPOUND.
 - DEMOLIBSE

- 20 0 20 40 60 80
- 100mm ON ORIGINAL DRAWING
- NOTES
- DRAWING PREPARED FROM CROUCH WATERFALL (CW) TOUCHING DISTANCE INSPECTION 07/04/22
 - ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE IN METERS ABOVE ORDNANCE DATUM UNLESS NOTED OTHERWISE.
 - ALL DIMENSIONS AND LEVELS SHALL BE CHECKED ON SITE PRIOR TO ANY WORKS BEING PUT IN HAND.
 - THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE EXISTING STRUCTURE AT ALL TIMES DURING THE WORKS.
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND RELEVANT STRUCTURAL SPECIFICATIONS.
 - ANY DISCREPANCIES BETWEEN THE INFORMATION GIVEN SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AS SOON AS POSSIBLE.
 - ALL MATERIALS USED IN THE WORKS SHALL BE TO BRITISH STANDARDS OR OTHER APPLICABLE SPECIFICATIONS.
 - ALL WORK IS TO BE CARRIED OUT TO B.S. CODES OF PRACTICE AND IN ACCORDANCE WITH GOOD WORKMANSHIP PRACTICE.
 - ALL PROPRIETARY MATERIALS USED IN THE WORKS SHALL BE USED IN COMPLETE ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
 - ALL BURIED, SURFACE AND OVERHEAD SERVICE INFORMATION CONTAINED WITHIN THIS DRAWING IS SHOWN INDICATIVELY. THE SERVICES SHOWN MAY NOT REPRESENT THE ENTIRETY OF ALL SERVICES THAT MAY BE ENCOUNTERED. ALL SOURCE INFORMATION SHOULD BE REFERRED TO PRIOR TO UNDERTAKING WORKS ON SITE. CROUCH WATERFALL ACCEPT NO RESPONSIBILITY FOR OMISSIONS OR ERRORS IN THE POSITIONING OF THE SERVICES PRESENT ON SITE. REFER TO ALL RELATED ENGINEERING DRAWINGS, FORMS AND SPECIFICATIONS FOR FURTHER INFORMATION. REFER TO THE RESIDUAL/DESIGNERS RISK ASSESSMENT FOR ACTIONS TO MINIMIZE AND MITIGATE RISK ASSOCIATED WITH KNOWN AND UNKNOWN SERVICES ON SITE.
 - CONCRETE FINISHES:
SCREED FINISH- THE SURFACE SHALL BE MADE TO THE GRADIENT REQUIRED BY STRIKING OFF SURPLUS CONCRETE WITH A STRAIGHT-EDGE. IMMEDIATELY AFTER COMPACTION FLOATED FINISH- A SCREENED FINISH SHALL FIRST BE OBTAINED. THEN WHEN SUFFICIENTLY HARDENED, THIS SHALL BE FLOATED OFF USING ANY SUITABLE METHOD TO DEPRESS THE SURFACE COARSE AGGREGATE AND TO SMOOTH AND COMPACT THE SURFACE TO A "COARSE SAND PAPER" TEXTURE. BRUSHED FINISH- A FLOATED FINISH SHALL FIRST BE OBTAINED. THEN WHEN SUFFICIENTLY HARDENED, A TEXTURED FINISH WITH AVERAGE DEPTH 1mm SHALL BE OBTAINED BY DRAWING A WIRE BROOM OVER THE SURFACE (FOLLOWING THE DIRECTION OF THE THE FALL OF THE SLAB)
 - CONCRETE GRADE C35-45
 - CONCRETE TO BE CURED BY APPROVAL METHOD FOR A MINIMUM OF 7 DAYS. FOR GUIDANCE REFER TO " CONCRETE ADVICE DOCUMENT No 20 BY " THE CONCRETE SOCIETY"

FOR APPROVAL

P01	FIRST ISSUE	MB	SAG	JCR	16/06/2022
REV	AMENDMENT	DRN	CHK	APP	DATE

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CLIENT



PROJECT TITLE

ST ISHMAEL SEA DEFENCE

DRAWING TITLE

ST ISHMAEL
PERMANENT WORKS

DRAWN	CHK	APP	DATE	SCALE
MB	SAG	JCR	MAY 22	AS STATED
JOB NUMBER	DRAWING NUMBER	REVISION		
22166C	001	P01		