APPROXIMATE NATIONAL GRID COORDIANTES: 341696, 702609

Rev.	Date	Description	Drawn	Checked	Approved

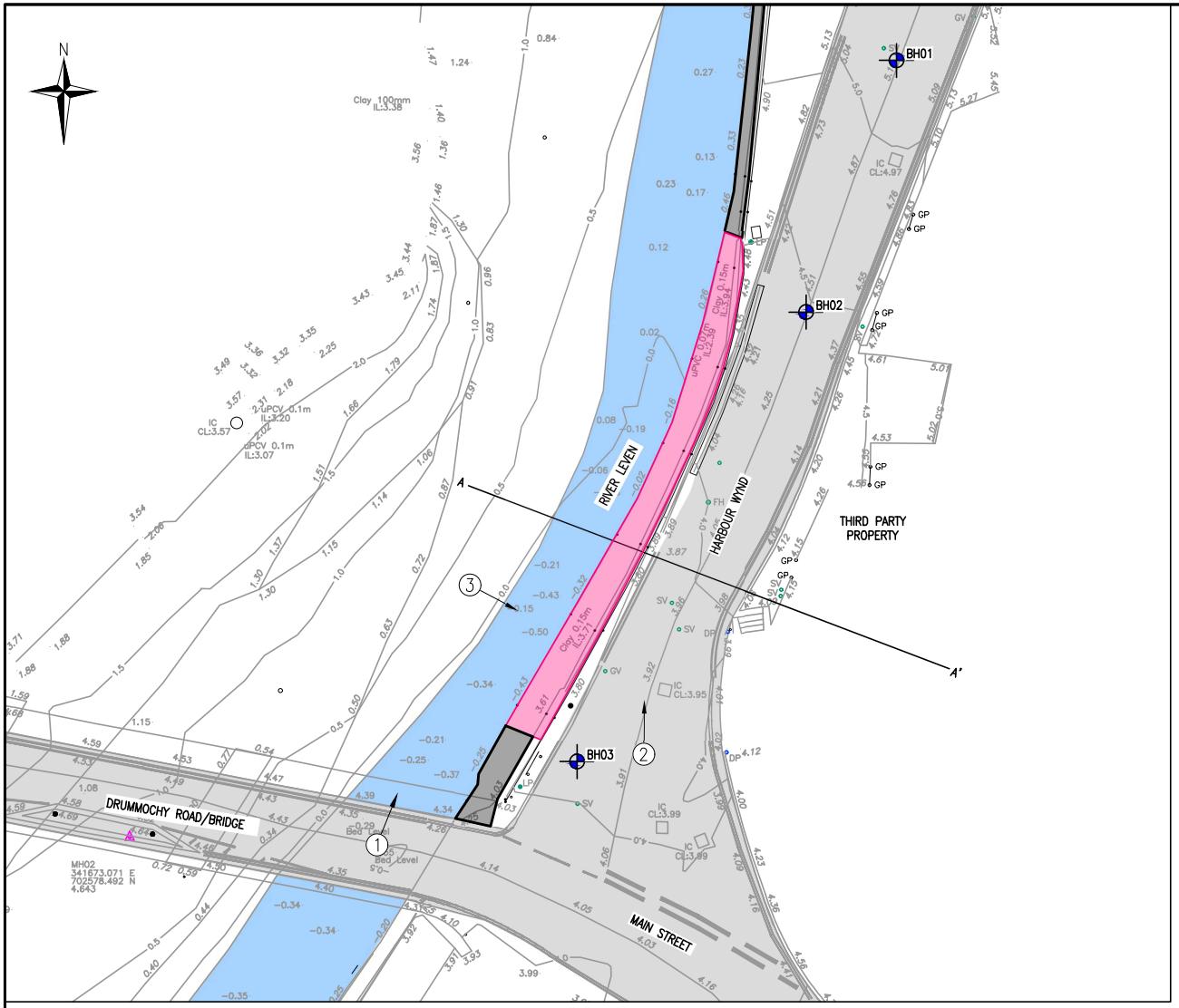
Fife Council

Project Title:
LOWER LARGO RETAINING WALL, HARBOUR WYND, LOWER LARGO, FIFE

Drawing Title:
SITE LOCATION PLAN

FAIRHURST
4th Floor, 300 Bath Street,
GLASGOW, G2 4JR
Tel: 0141 204 8800

Scale at A4:	Status:	
NTS	For Information	
Drawn: AC	Checked: JT	Approved: AB
Date: 02/04/26	Date: 02/04/26	Date: 02/04/26
Drawing No.: 400428/9001		Revision: –



SITE OVERVIEW
SCALE 1:250

PHOTO 1: OVERVIEW OF PROPOSED WORKS SITE (FROM SOUTH LOOKING NORTH)

PHOTO 2: VIEW ALONG WALL FROM HARBOUR WYND (SOUTH END LOOKING NORTH)

PHOTO 3: VIEW ALONG WALL FROM WATER SIDE (LOOKING NORTH)

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION.

RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.

CONSTRUCTION
1. INTERFACE WITH PUBLIC
2. RESTRICTED SITE
3. CLIENT OPERATIONS
4. SERVICES
5. WORKING NEAR HIGHWAYS
6. WORKING AT HEIGHT
7. NEAR TO WATERWAYS
8. UNSTABLE STRUCTURES
9. LOW BRIDGE
10. GEOLOGY
11. INUNDATION
12. ADJACENT ACTIVITIES
13. TRAFFIC
14. TIDAL WORKING

DEMOLITION
N/A

FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING. WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

LEGEND:

- APPROXIMATE EXTENT OF MASONRY SECTION OF WALL
- APPROXIMATE EXTENT OF EXISTING ROAD
- APPROXIMATE EXTENT OF CONCRETE SECTION OF WALL
- APPROXIMATE EXTENT OF WATERCOURSE
- EXISTING BOREHOLE LOCATIONS (UNDERTAKEN BY IAN FARMER ASSOCIATES 2024)
- PHOTO NUMBER AND POSITION

Rev.	Date	Description	Drawn	Checked	Approved

Notes:
1. TOPOGRAPHICAL SURVEY IS BASED ON DRAWING RECEIVED FROM MALCOLM HUGHES CHARTERED LAND SURVEYORS, DRAWING No. 61688, REV: A, DATED: 01/05/24.
2. UTILITY MAPPING SURVEY IS BASED ON DRAWING RECEIVED FROM MALCOLM HUGHES CHARTERED LAND SURVEYORS, DRAWING No. 61688_UG_01_01, REV: 00, DATED: MAY 2024.
3. EXPLORATORY HOLE POSITIONS TO BE READ IN CONJUNCTION WITH GIR (IAN FARMER ASSOCIATES CONTRACT No. 2290633).
4. TO BE READ IN CONJUNCTION WITH DRAWING NO. 400428/9005

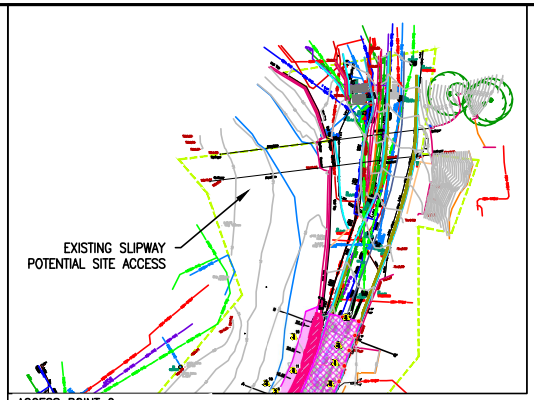
Client: Fife Council

Project Title: LOWER LARGO RETAINING WALL, HARBOUR WYND, LOWER LARGO, FIFE

Drawing Title: SITE LAYOUT PLAN

FAIRHURST
4th Floor, 300 Bath Street,
GLASGOW, G2 4JR
Tel: 0141 204 8800

Scale at A3:	Status:	
1:250	For Information	
Drawn: AC	Checked: JT	Approved: AB
Date: 02/04/26	Date: 02/04/26	Date: 02/04/26
Drawing No.: 400428/9002		Revision: –



ACCESS POINT 2

PHOTO 1: POTENTIAL ACCESS TO SITE NO. 1
NOTE: REQUIRES CONSIDERABLE UPGRADE WORKS

PHOTO 2: LOW BRIDGE FOR SITE PLANT ACCES

EXISTING SLIPWAY FOR SITE ACCESS POINT 2

HEIGHT RESTRICTION AT LOW BRIDGE FOR SITE PLANT ACCESS

EXTENT OF PROPOSED TEMPORARY COFFERDAM

EXTENT OF WALL REMEDIAL WORKS

EXTENT OF TRAFFIC MANAGEMENT ZONE

TRAFFIC MANAGEMENT

SITE OVERVIEW

SCALE: 1:250

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

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RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.

CONSTRUCTION

1. INTERFACE WITH PUBLIC
2. RESTRICTED SITE
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4. SERVICES
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6. WORKING AT HEIGHT
7. NEAR TO WATERWAYS
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10. GEOLOGY
11. INUNDATION
12. ADJACENT ACTIVITIES
13. TRAFFIC
14. TIDAL WORKING

DEMOLITION
N/A

FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

LEGEND:

- APPROXIMATE EXTENT OF WALL REMEDIAL WORKS
- APPROXIMATE EXTENT OF PROPOSED TEMPORARY COFFERDAM
- APPROXIMATE EXTENT OF TRAFFIC MANAGEMENT ZONE

SERVICES:

- ELECTRICITY CABLE
- HIGH VOLTAGE ELECTRICITY CABLE
- GAS PIPE
- COMBINED SEWER
- SEWER SURFACE WATER
- BRITISH TELECOM
- UNIDENTIFIED GPR OR ELECTRO LOCATION TRACE
- WATER PIPE

Rev.	Date	Description	Drawn	Checked	Approved

Notes:
1. TOPOGRAPHICAL SURVEY IS BASED ON DRAWING RECEIVED FROM MALCOLM HUGHES CHARTERED LAND SURVEYORS, DRAWING No. 61688, REV: A, DATED: 01/05/24.
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Client: Fife Council

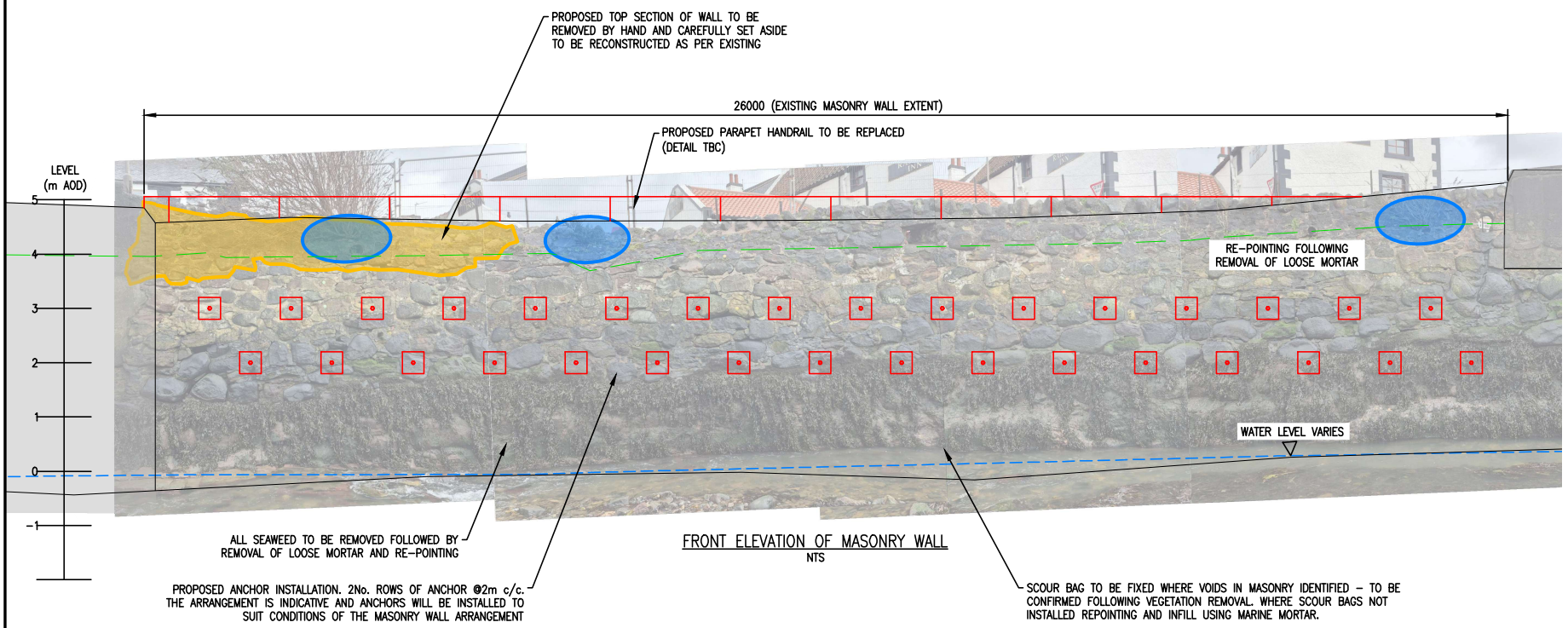
Project Title:
LOWER LARGO RETAINING WALL, HARBOUR WYND, LOWER LARGO, FIFE

Drawing Title:
SITE CONSTRAINTS PLAN

FAIRHURST
4th Floor, 300 Bath Street,
GLASGOW, G2 4JR
Tel: 0141 204 8800

Scale at A3:	Status:	
1:250	For Information	
Drawn:	Checked:	Approved:
AC	JT	AB
Date:	Date:	Date:
02/04/26	02/04/26	02/04/26

Drawing No.: 400428/9003
Revision: –



FRONT ELEVATION OF MASONRY WALL
NTS

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION.

RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.

CONSTRUCTION
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12. ADJACENT ACTIVITIES
13. TRAFFIC
14. TIDAL WORKING

DEMOLITION
N/A

FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

LEGEND:

- NEW FREE STANDING MASONRY WALL UPSTAND
- EXISTING MASONRY WALL
- EXISTING CONCRETE WALL
- VEGETATION REMOVAL
- SECTION OF WALL TO BE RECONSTRUCTED
- 400x400x2mm S355 STEEL GRADE WASHER PLATE AND NUT

Rev.	Date	Description	Drawn	Checked	Approved

Notes:
1. TO BE READ IN CONJUNCTION WITH DRAWING NO. 400428/ 9005 FOR DETAILS OF ANCHOR AND WAILING BEAM SYSTEM.
2. TO BE READ IN CONJUNCTION WITH DRAWING NO. 400428/ 9006 FOR DETAILS OF REMEDIAL WORKS.

Client: Fife Council

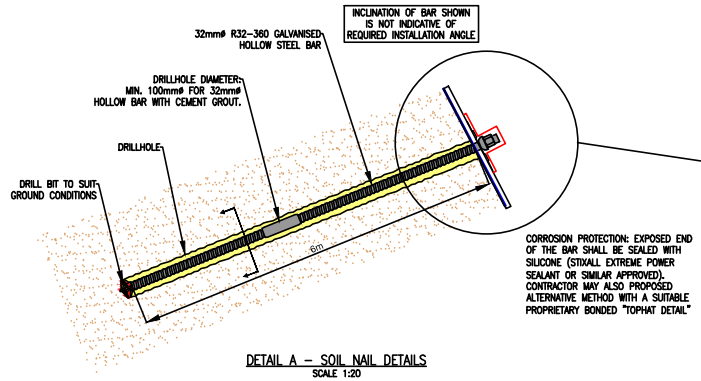
Project Title:
LOWER LARGO RETAINING WALL, HARBOUR WYND, LOWER LARGO, FIFE

Drawing Title:
PROPOSED REMEDIAL WORKS ELEVATION AND LAYOUT

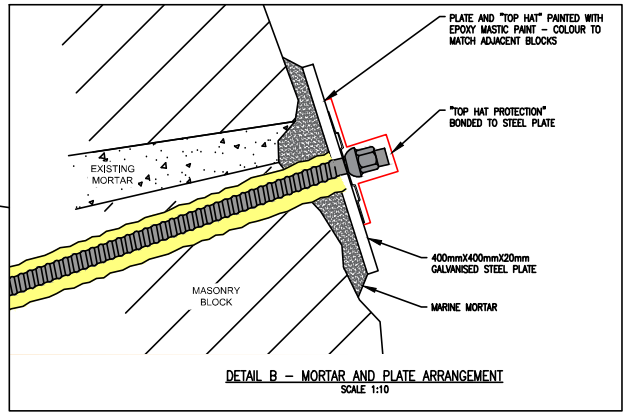
FAIRHURST
4th Floor, 300 Bath Street, GLASGOW, G2 4JR
Tel: 0141 204 8800

Scale at A3:	Status:	
AS SHOWN	FOR INFORMATION	
Drawn:	Checked:	Approved:
JB	JT	DF
Date:	Date:	Date:
02/04/26	02/04/26	02/04/26

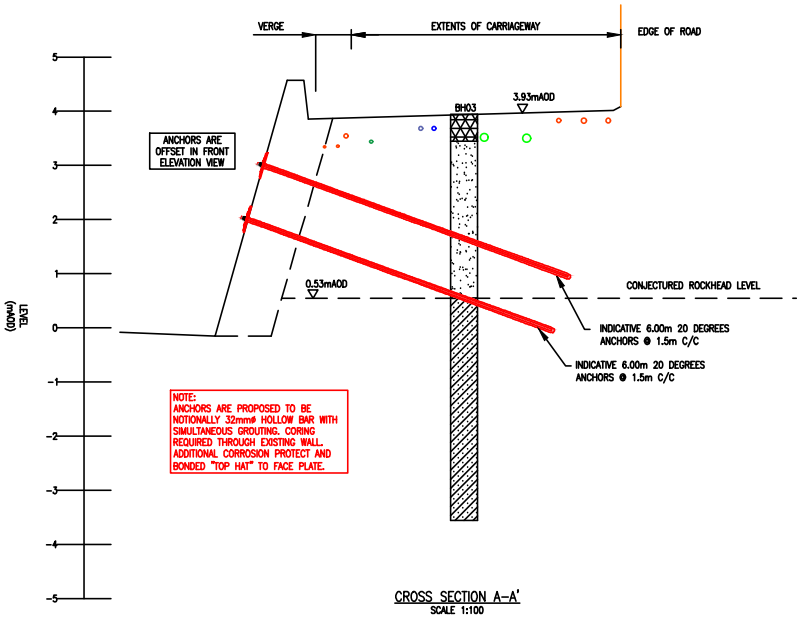
Drawing No.: 400428/9004
Revision: –



DETAIL A – SOIL NAIL DETAILS
SCALE 1:20



DETAIL B – MORTAR AND PLATE ARRANGEMENT
SCALE 1:10



CROSS SECTION A–A'
SCALE 1:100

ANCHOR SPECIFICATION

GENERAL

1. ANCHORS ARE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF BS 8006–2:2011 CODE OF PRACTICE FOR STRENGTHENED/REINFORCED SOILS PART 2: SOIL NAIL DESIGN AND BS EN 14490:2010. REFERENCES FOR DESIGN INCLUDED HA 68/94 AND C637 'SOIL NAILING – BEST PRACTICE GUIDANCE'.

SETTING OUT

2. AREAS REQUIRED TO BE ANCHORED ARE SHOWN ON THE GENERAL ARRANGEMENT DRAWING. THE EXTENTS OF THE WORKS ARE TO BE AGREED ON SITE WITH THE GEOTECHNICAL DESIGNER.
3. HORIZONTAL AND VERTICAL SPACING OF ANCHORS TO BE 2m C/C.
4. ANCHORS SHALL BE INSTALLED IN A DIAMOND PATTERN.

MATERIALS

5. THE CONTRACTOR SHALL SUBMIT TO THE GEOTECHNICAL DESIGNER FOR ACCEPTANCE THE DETAILS OF THE PARTICULAR ANCHORS, INCLUDING ALL ANCILLARY ITEMS, WHICH WILL BE INCORPORATED INTO THE WORKS. DETAILS OF THE SUPPLIER(S) SHALL BE PROVIDED. THE SOURCE OF MANUFACTURE AND/OR SUPPLY OF THE ANCHORS AND OTHER MATERIALS FOR THE ANCHORS SHALL NOT BE CHANGED WITHOUT PRIOR ACCEPTANCE BY THE PROJECT MANAGER.
6. ANCHORS SHALL BE GALVANISED STEEL THREADED BARS WITH A MINIMUM STRENGTH GRADE OF 300N/mm² IN ACCORDANCE WITH BS 4449. THE BARS SHALL BE HOT DIP GALVANISED IN ACCORDANCE WITH BS EN 1461 AND NR/GN/CIV/002 TO PROVIDE THE REQUIRED CORROSION PROTECTION. A STANDARD MEAN COATING THICKNESS OF 86 MICRONS IS REQUIRED BUT IN AGGRESSIVE GROUND THIS SHOULD BE INCREASED TO 140 MICRONS.
7. ANCHORS SHALL BE HANDLED, TRANSPORTED AND STORED TO AVOID CORROSION OR DAMAGE INCLUDING THAT PRODUCED BY BENDING OR SAGGING OR ENCAPSULATION.
8. THE ANCHOR DESIGN IS BASED ON THE DYWI R32–320 HOLLOW BAR. THE SOIL NAILS SHALL BE AS FOLLOWS:
   a) SELF DRILLING HOLLOW BAR TYPE SUITABLE FOR SIMULTANEOUS DRILLING AND GROUTING.
   b) CONTINUOUS ROLLED THREAD TO ISO 1719.
   c) NOMINAL OUTER DIAMETER OF THE BAR OF 32mm.
   d) STEEL HAVING A MINIMUM YIELD STRENGTH OF 250kN AND AN ULTIMATE TENSILE STRENGTH OF 320kN.
   e) GALVANISED STEEL BAR.
   f) ANY COUPLERS OR CONNECTORS MUST BE FULLY COMPATIBLE WITH THE BAR AND CORROSION PROTECTION SPECIFICATION.
9. THE TENSIONING PLATE SHALL BE COMPATIBLE WITH THE ANCHOR SYSTEM AND SUITABLE FOR THE TENSIONING FORCES TO BE APPLIED. ACCESSORIES SUCH AS SPHERICAL NUTS, WASHER PLATES AND THE LIKE SHALL BE OF COMPATIBLE STEEL WITH A COMPATIBLE CORROSION RESISTANCE.

INSTALLATION OF ANCHORS

10. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DRAWINGS, THE RECOMMENDATIONS OF BS 8006–2:2011 CODE OF PRACTICE FOR STRENGTHENED/REINFORCED SOILS PART 2: SOIL NAIL DESIGN AND THE SOIL NAIL MANUFACTURER'S RECOMMENDATIONS / GUIDANCE.
11. THE FINISHED BAR LENGTH SHALL BE NO GREATER THAN 50mm BEYOND THE EYE NUT
12. THE FINISHED BAR SHALL BE FITTED WITH A PROPRIETARY CAP AND WRAPPED IN DENSO TAPE TO PREVENT CORROSION AND WATER INCURSION

DRILLING PROCEDURE

13. ALL EQUIPMENT SHALL BE OF MODERN DESIGN AND CAPABLE OF DRILLING HOLES OF THE SPECIFIED DIAMETER AND INCLINATION. HOLES SHALL BE DRILLED USING ROTARY PERCUSSIVE METHODS.
14. THE HOLE FOR THE ANCHORS SHALL HAVE A MINIMUM DIAMETER OF 110mm.
15. ANCHORS SHALL BE INSTALLED AT 20° INCLINATION BELOW HORIZONTAL.
16. THE MAXIMUM PERMITTED DEVIATION OF THE DRILL HOLES FROM THE SPECIFIED ALIGNMENT SHALL BE ± 2.5°. THE HOLES SHALL HAVE A MAXIMUM DEVIATION FROM THE POSITION SHOWN ON THE CONTRACT DRAWINGS OF ± 75mm.
17. A DRILLING ORIENTATION DEVICE SHALL BE USED TO ENSURE THE INCLINATION OF THE DRILL HOLE IS MAINTAINED.
18. A MINIMUM COVER OF 25mm GROUT TO THE ANCHORS SHALL BE ACHIEVED ALONG THE ENCAPSULATION.
19. WHERE AN ALTERNATIVE DRILLING AND GROUTING METHOD IS TO BE USED, THE CONTRACTOR SHALL SUBMIT A METHOD STATEMENT TO THE GEOTECHNICAL DESIGNER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORKS.

GROUTING OF ANCHORS

20. DRILLING AND GROUTING OF THE NAILS SHALL BE UNDERTAKEN SIMULTANEOUSLY AND SHALL BE PERFORMED AS A CONTINUOUS OPERATION TO FULL DEPTH. IF, FOR ANY REASON, DRILLING/GROUTING IS INTERRUPTED OR DELAYED BEYOND THE SETTING PERIOD, THE BAR WILL BE REMOVED FROM THE ANCHOR HOLE AND THE HOLE FLUSHED. THE NAIL INSTALLATION AND GROUTING PROCEDURE WILL THEN BE REPEATED.
21. THE GROUT SHALL CONSIST OF ORDINARY PORTLAND CEMENT AND WATER IN ACCORDANCE WITH BS EN 197–1:2011 AND SHALL BE TESTED IN ACCORDANCE WITH BS EN 196 (ALL PARTS). HIGH ALUMINA CEMENT SHALL NOT BE USED.
22. THE WATER/CEMENT RATIO SHALL BE AS LOW AS POSSIBLE CONSISTENT WITH THE NECESSARY WORKABILITY. HOWEVER, IT SHALL NOT EXCEED 0.45 BY WEIGHT TO REDUCE LOSS OF GROUT INTO THE SURROUNDING AREA.
23. MINIMUM CHARACTERISTIC GROUT STRENGTH OF 5N/mm² AND 25N/mm² PRIOR TO LOADING AND AT 28 DAYS RESPECTIVELY REQUIRED, AS PER BS EN 14490:2010.
24. THE GROUT PUMP REQUIRED FOR THE OPERATION MUST BE CAPABLE OF:
   a) THOROUGHLY MIXING THE GROUT
   b) DELIVERY OF A CONTINUOUS VOLUME – TO ENSURE CONSISTENT GROUTING WITHIN THE BOREHOLE
   c) MAINTAINING THE REQUIRED PRESSURE – MAXIMUM PRESSURE OF 100PSI
26. THROUGHOUT THE GROUTING OPERATION PUMPING PRESSURES SHALL BE LIMITED SO AS NOT TO CAUSE UNDUE DISTURBANCE TO THE SURROUNDING GROUND.
27. GROUT CIRCULATION SHALL BE MAINTAINED AT ALL TIMES WITH ONLY A SLIGHT RETURN AT THE MOUTH OF THE BOREHOLE.
28. GROUTING SHALL BE DISCONTINUED IF THE AMBIENT TEMPERATURE FALLS BELOW 5°C OR GROUT TEMPERATURE FALLS BELOW 5°C. GROUTING SHALL NOT COMMENCE ON A SOIL NAIL IF THE AMBIENT TEMPERATURE IS FALLING AND IS LIKELY TO FALL BELOW 5°C BEFORE COMPLETION OF THE BAR.
29. WHEN THE GROUT HAS ATTAINED A STRENGTH OF 25 N/mm² AND NOT LESS THAN FOUR DAYS FOLLOWING COMPLETION OF THE GROUTING OPERATIONS, ANY REINFORCED MESH, TENSIONING PLATES, AND END FIXTURES SHALL BE ATTACHED TO THE TOP END OF THE NAIL.

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

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RISKS LISTED HERE ARE NOT EXHAUSTIVE. REFER TO DESIGN ASSESSMENT FORM NO.

CONSTRUCTION
1. INTERFACE WITH PUBLIC
2. RESTRICTED SITE
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9. LOW BRIDGE
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12. ADJACENT ACTIVITIES
13. TRAFFIC
14. TIDAL WORKING

DEMOLITION
N/A

FOR INFORMATION RELATING TO USE, CLEANING AND MAINTENANCE SEE THE HEALTH AND SAFETY FILE

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

INDICATIVE SERVICES KEY
- ELECTRIC
- TELECOMMS
- GAS
- WATER
- WATER SEWER

Rev.	Date	Description	Drawn	Checked	Approved

Notes:
1. REFER TO DRAWING 400428/9002 FOR CROSS SECTION LOCATIONS.

Client: Fife Council

Project Title:
LOWER LARGO RETAINING WALL, HARBOUR WYND, LOWER LARGO, FIFE

Drawing Title:
TYPICAL CROSS SECTION AND ANCHOR DETAIL

FAIRHURST
4th Floor, 300 Bath Street, GLASGOW, G2 4JR
Tel: 0141 204 8800

Scale at A3:	Status:	
AS SHOWN	For Information	
Drawn:	Checked:	Approved:
JB	JT	DF
Date:	Date:	Date:
02/04/26	02/04/26	02/04/26

Drawing No.: 400428/9005
Revision: –

SCOUR BAG SPECIFICATION

GENERAL

1. THE FABRIC FORMWORK SHOULD BE SUPPLIED BY AN EXPERIENCED SUPPLIER WITH SIMILAR RELEVANT EXPERIENCE. THE CONTRACTOR IS TO SUBMIT THE FOLLOWING PACKAGE OF INFORMATION FOR THE APPROVAL OF THE ENGINEER IN ADVANCE OF PREPARATION FOR THE WORKS:
   - LAYOUT AND DETAIL
   - FABRICATION DETAILS
   - TEMPORARY WORKS DESIGN
2. PREFILLED SCOUR BAG SHOULD ACHIEVE INSITU STRENGTH OF AT LEAST 25 N/MM2 IN ACCORDANCE TO BS EN 206-1.
3. ALL PREFILLED SCOUR BAG SHOULD REMAIN PALLETISED AND WRAPPED UNTIL READY TO USE.
4. INDICATIVE CONSTRUCTION SEQUENCE
   a) CLEAR THE SCOUR HOLE OF DEBRIS.
   b) PLACE FIRST LAYER OF BAGWORK.
   c) DRILL ADDITIONAL STEEL PODS TO FIRST LAYER OF BAGWORK TO SECURE.
   d) REMAINING BAGWORK TO BE PLACED IN STRUCTURE FORM PATTERN. PINNED TOGETHER WITH U-SHAPED REBAR PINS.

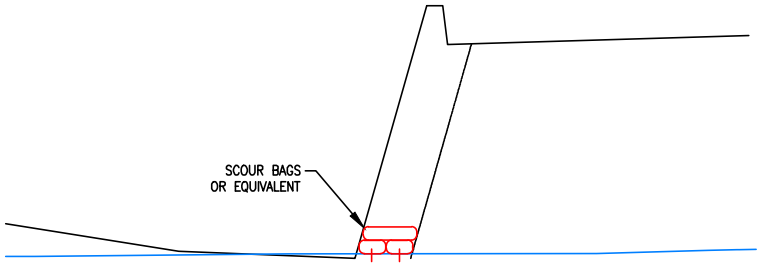
CONSTRUCTION SEQUENCE

THE FOLLOWING IS NOT AN EXHAUSTIVE LIST. REFER TO MANUFACTURER INSTALLATION GUIDANCE.

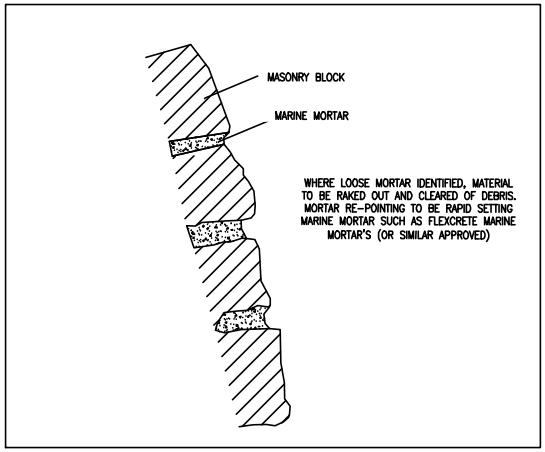
5. FABRIC FORMWORK GROUT BAG PUSHED INTO THE VOID.
6. TEMPORARY FACE RESTRAINT INSTALLED.
7. MICRO CONCRETE MIX PUMPED INTO THE GROUT BAG IN TREMIE FASHION UNTIL A BACK PRESSURE OF 10 KPA IS GENERATED.
8. ALLOW SUFFICIENT TIME FOR CONCRETE TO CURE.
9. REMOVE THE TEMPORARY FACE RESTRAINT.

MARINE MORTAR SPECIFICATION

1. MARINE MORTAR TO BE SPECIFIED IN ACCORDANCE TO BS EN 998-2 SPECIFICATION FOR MORTAR FOR MASONRY.
2. MORTAR MUST BE MARINE-SPECIFIC WASHOUT RESISTANT FLOWING GROUT.
3. WATER SHALL NOT CONTAIN IMPURITIES AND BE TESTED IN ACCORDANCE WITH BS EN 1008.
4. BATCHED MIXES SHALL BE USED UP WITHIN 2 HOURS OF MIXING.
5. MORTAR TO BE MIXED AND APPLIED IN ACCORDANCE TO MANUFACTURER'S SPECIFICATION.
6. THE AREAS TO BE REPAIRED MUST BE FREE FROM ALL UNSOUND MATERIAL INCLUDING LAITANCE DUST, OIL, GREASE, CORROSION BY-PRODUCTS AND ORGANIC GROWTH.
7. SMOOTH SURFACES SHOULD BE ROUGHENED, ALL LOOSE MATERIAL AND SURFACE LAITANCE REMOVED AND REINFORCEMENT CLEANED TO BRIGHT STEEL USING WET GRIT BLASTING TECHNIQUES OR EQUIVALENT APPROVED METHODS.
8. THE METHOD OF GROUTING SHALL ENSURE THAT THE GOUT PERMEATES INTO THE MASONRY AND SUBSTRATE BUT MINIMIZES LEAKAGE.
9. JOINTS SHALL BE RAKED OUT AND WATER JETTED PRIOR TO GROUTING INJECTION HOLES SHALL BE DRILLED THROUGH THE JOINT REACHING BENEATH THE FACING STONE.
10. THE COMPRESSIVE STRENGTH OF THE PARENT CONCRETE SHOULD BE MINIMUM 20 MPa.
11. MARINE MORTAR SHOULD BE COMPACTED IN LAYERS USING A PLACEMENT TECHNIQUE TO REMOVE ENTRAPPED AIR.
12. DO NOT USE MARINE MORTAR S OR EQUILVALENT WHEN THE TEMPERATURE IS BELOW 5'C AND FALLING.
13. CLASS R4 MORTAR DEFINED IN ACCORDANCE TO BS EN 1504-3 PRODUCTS AND SYSTEMS FOR THE PROTECTION OF REPAIRS OF CONCRETE STRUCTURES.



TYPICAL DETAIL FOR SCOUR BAG
SCALE 1:100



TYPICAL DETAIL FOR RE-POINTING USING MARINE MORTAR
SCALE 1:200

Do not scale from this drawing.

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

IN ADDITION TO THE HAZARD/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING RISKS AND INFORMATION.

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CONSTRUCTION
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DEMOLITION
N/A

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IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING, WHERE APPROPRIATE, TO AN APPROVED METHOD STATEMENT.

Rev.	Date	Description	Drawn	Checked	Approved

Notes:

Client: Fife Council

Project Title:
LOWER LARGO RETAINING WALL, HARBOUR WYND, LOWER LARGO, FIFE

Drawing Title:
PROPOSED ADDITIONAL REMEDIAL WORKS

FAIRHURST
4th Floor, 300 Bath Street,
GLASGOW, G2 4JR
Tel: 0141 204 8800

Scale at A3:	Status:	
1:100	For Information	
Drawn: JB	Checked: JT	Approved: DF
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