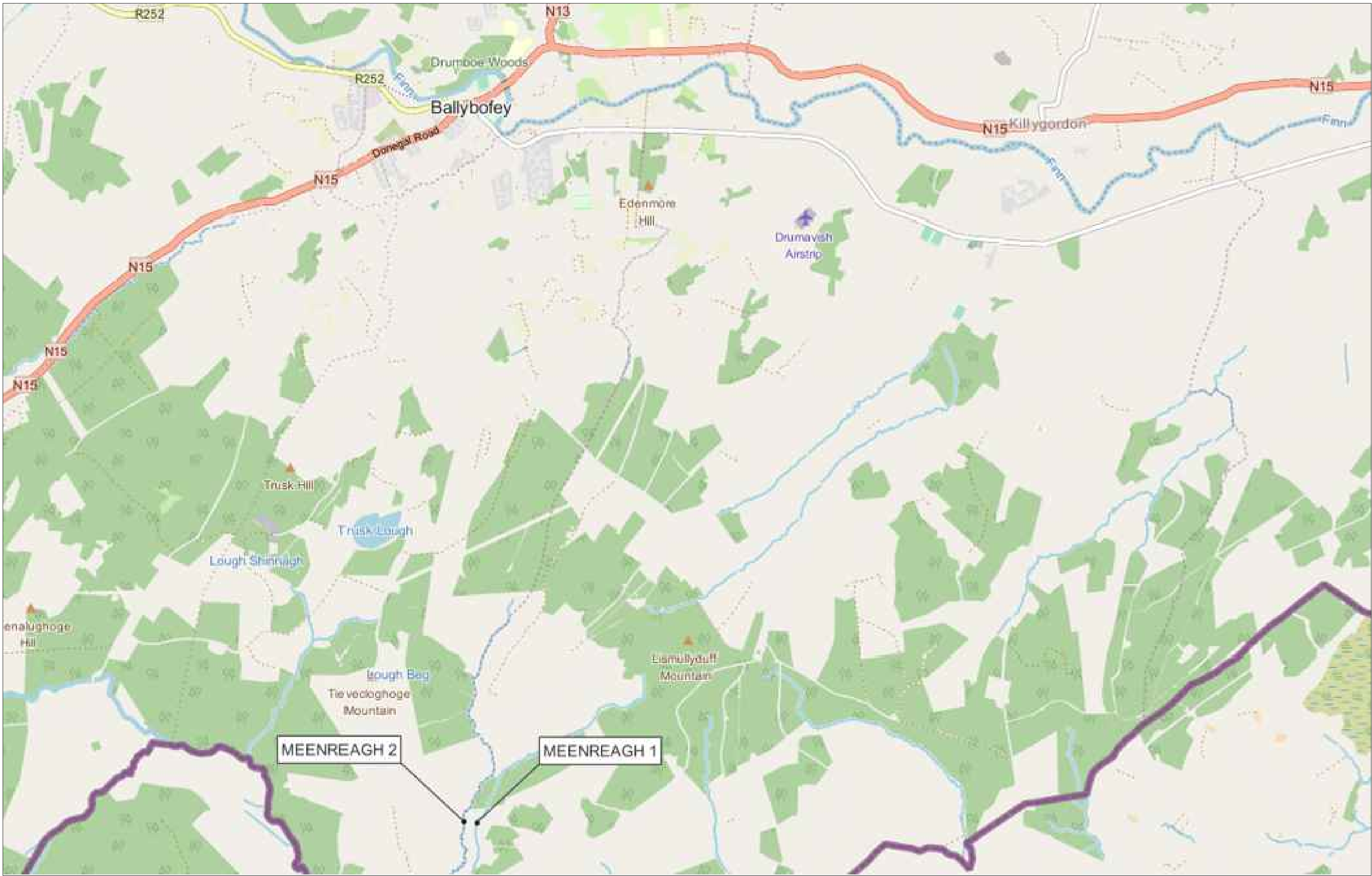


25076 - MEENREAGH, KILLYGORDON, COUNTY DONEGAL

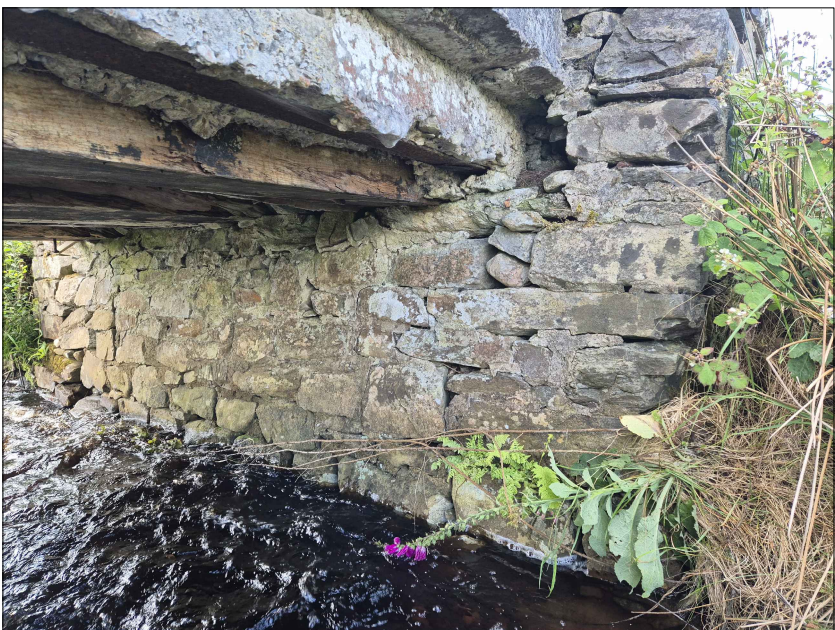
PROPOSED BRIDGE REHABILITATION



MEENREAGH BRIDGE 1



MEENREAGH BRIDGE 2



NOTES:

1. ALL DIMENSIONS IN METERS UNLESS OTHERWISE NOTED.
2. ALL COORDINATES ARE IN METERS AND RELATE TO ITM (IRISH TRANSVERSE MERCATOR) UNLESS OTHERWISE NOTED.
3. ALL LEVELS IN METERS ARE RELATIVE TO ORDNANCE DATUM MALIN HEAD (OSGM15).
4. DO NOT SCALE FROM DRAWINGS, USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS SHALL BE CONFIRMED ON SITE.
5. DRAWINGS ARE FOR THE PURPOSES OUTLINED IN THE TITLE BOX ONLY.
6. SITE LOCATION REFERENCE:
MEENREAGH BRIDGE 1 LOCATION: X= 613938 Y= 886737 (ITM).
MEENREAGH BRIDGE 2 LOCATION: X= 614079 Y= 886724 (ITM)

TENDER

02/07/26	TN01	AOG	JL	TENDER ISSUE
11/06/26	DR01	AOG	JL	DRAFT ISSUE
DATE	REV	BY	CHK	DESCRIPTION

 LANGAN CONSULTING ENGINEERS CIVIL STRUCTURAL MARINE	
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GENERAL STRUCTURAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM MALIN (OSGM15) UNLESS OTHERWISE STATED.
- ALL COORDINATES ARE IN METERS AND RELATE TO ITM.
- DO NOT SCALE FROM DRAWINGS, USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS SHALL BE CONFIRMED ON SITE.
- DRAWINGS ARE FOR PURPOSES OUTLINED IN THE TITLE BOX ONLY. ALL DETAILS ARE SUBJECT TO DETAILED DESIGN.
- DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS (CIVIL, STRUCTURAL AND ELECTRICAL) AND THE ENGINEER'S INSTRUCTIONS. WHERE CONFLICTS OCCUR BETWEEN NOTES AND THE SPECIFICATION, THE MOST ONEROUS SHALL APPLY UNLESS AGREED OTHERWISE WITH THE ENGINEER.
- DRAWINGS ARE BASED ON SITE SURVEY INFORMATION PROVIDED BY CLIENT.
- ALL WORKS SHALL BE CARRIED OUT BY SUITABLY QUALIFIED PERSONNEL.
- ALL WORKS SHALL BE IN LINE WITH THE CURRENT BUILDING REGULATIONS (TGds) AND BEST PRACTICE.
- ALL MATERIALS AND PRODUCTS SHALL BE STORED AND INSTALLED AS PER MANUFACTURER'S GUIDELINES.
- INSULATION DETAILS SHALL BE AS PER THE NEAP ASSESSMENT.
- ALL STRUCTURAL DETAILS OF SUB-CONTRACTED WORKS SHALL BE AGREED WITH THE ENGINEER.
- STRUCTURAL DETAILS SHALL BE TO THE ENGINEERS DETAIL.
- PROVISION SHALL BE MADE FOR INSPECTION OF STRUCTURAL DETAILS BY THE ENGINEER.
- SERVICE PIPE LOCATIONS SHALL BE AS PER DUCTING LAYOUT DRAWING. CONTRACTOR TO INFORM ENGINEER WHERE ANY DISCREPANCIES ARE IDENTIFIED.
- ALL MATERIAL TREATMENT SHALL BE PROVIDED TO COMPLY WITH FIRE CERTIFICATION REQUIREMENTS.

STRUCTURAL STEEL NOTES

- ALL STEEL TO EXECUTION CLASS 2 (EXC2) AS PER IS EN 1090.
- ALL STRUCTURAL STEEL FABRICATION AND ERECTION SHALL BE CARRIED OUT IN ACCORDANCE WITH IS EN 1993.
- ALL CONNECTIONS SHALL BE DESIGNED AND DETAILED BY THE STEEL FABRICATOR AND AGREED WITH THE ENGINEER.
- ALL STEEL WORKS TO BE MEASURED ON-SITE AND DEVELOPED BASED ON FABRICATOR FINAL DETAILS.
- ALL STRUCTURAL STEEL IS TO BE GRADE S355 JO AS PER IS EN 10025 AND IS EN 10210 OR EQUIVALENT STANDARD APPROVED BY THE ENGINEER.
- ALL STEEL INTERNAL AND EXTERNAL TO BE HOT DIP GALVANISED.
- FACADE, WINDOW AND DOOR STEEL WORKS SHALL BE AGREED WITH THE ENGINEER.
- STEEL CONSTRUCTION WORKS SHALL BE AGREED WITH THE ENGINEER.
- ALL STEEL IS TO BE PROTECTED FROM THE ELEMENTS, NO STEEL IS TO BE EXPOSED TO THE ELEMENTS ON COMPLETION.
- NO ONSITE WELDING OF STRUCTURAL STEEL SHALL TAKE PLACE.
- ALL BOLTS TO BE STAINLESS STEEL OF MINIMUM GRADE 1.4004 AS PER IS EN 10088 (SS 316) TO A SPECIFICATION AGREED WITH THE ENGINEER. ALL BOLTS GRADE TO BE GRADE 8.8. ALL BOLTS TO USE INSULATING WASHERS.
- ALL STRUCTURAL STEEL DIMENSIONS TO BE CONFIRMED ON-SITE.
- ALL FIXINGS SHALL BE SUITABLE FOR THEIR APPLICATION INCLUDING ISOLATERS ETC. TO PREVENT BIMETALLIC CORROSION.

CE MARKING AND CONSTRUCTION PRODUCT REGULATIONS NOTES

- PROJECT EXECUTION CLASS IS EXC2.
- ALL CONSTRUCTION PRODUCTS TO BE CERTIFIED AS MEETING THE CONSTRUCTION PRODUCT REQUIREMENT FOR CE MARKING TO EACH HARMONIZED PRODUCT STANDARD, IN PARTICULAR THE FOLLOWING:
 - IS EN 771 SPECIFICATION FOR MASONRY UNITS
 - IS EN 845 SPECIFICATION FOR ANCILLARY COMPONENTS FOR MASONRY
 - IS EN 998 SPECIFICATION FOR MORTAR FOR MASONRY
 - IS EN 12620 AGGREGATES FOR CONCRETE
 - IS EN 13139 AGGREGATES FOR MORTAR
 - IS EN 13242 AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS FOR USE IN CIVIL ENGINEERING WORK AND ROAD CONSTRUCTION.
 - SR325 RECOMMENDATIONS FOR THE DESIGN OF MASONRY STRUCTURE IN IRELAND TO EUROCODE 6
 - SR21 AGGREGATES FOR UNBOUND AND HYDRAULICALLY BOUND MATERIALS IN CIVIL CONSTRUCTION WORK AND ROAD CONSTRUCTION
 - SR16 AGGREGATES FOR CONCRETE
 - IS EN 1090 EXECUTION OF STEEL STRUCTURES AND ALUMINIUM STRUCTURES
 - IS EN 10025 HOT ROLLED PRODUCTS OF STRUCTURAL STEELS
 - IS EN 10080 STEEL FOR THE REINFORCEMENT OF CONCRETE
 - IS EN 1717 PROTECTION AGAINST POLLUTION OF POTABLE WATER IN WATER INSTALLATION AND GENERAL REQUIREMENTS OF DEVICES TO PREVENT POLLUTION BY BACKFLOW
 - IS EN 206 CONCRETE
 - IS EN 13670 EXECUTION OF CONCRETE STRUCTURES
 - IS 888 UNBOUND GRANULAR FILL HARDCORE MATERIAL UNDER CONCRETE FLOORS

MIN. STRKING OF FORMWORK DURATIONS. ALL TO BE AGREED WITH ENGINEER.	NORMAL PORTLAND CEMENT / (GGBS)	
TYPE OF FORMWORK	MEAN AIR SHADE TEMPERATURE	
	7 DEG CEL.	16 DEG CEL.
VERTICAL FACING TO COLUMNS, WALLS AND LARGE BEAMS	24 HRS	12 HRS
SOFFIT FORMWORK TO SLABS	6 DAYS / (9 DAYS)	4 DAYS / (6 DAYS)
PROPS TO SLABS	15 DAYS	10 DAYS
SOFFIT FORMWORK TO BEAMS	15 DAYS	10 DAYS
PROPS TO BEAMS	21 DAYS	14 DAYS

CONCRETE GENERAL NOTES

- ALL MATERIALS USED IN CONCRETE, INCL. CEMENTS, ADDITIONS, AGGREGATES, WATER AND ADMIXTURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF IS EN 206-1.
- ACCELERATORS, RETARDANTS AND ALL OTHER ADMIXTURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF IS EN 934 AND BE AGREED WITH THE ENGINEER.
- THE MAXIMUM AGGREGATE SIZE SHALL BE 20MM.
- CONCRETE SHALL BE SUPPLIED FROM ISO 9001 ACCREDITED MANUFACTURERS ONLY.
- THE DESIGNED CONCRETE SPECIFICATIONS ARE BASED ON THE ASSUMPTION THAT THE CONCRETE IS NOT EXPOSED/SUBJECT TO CHEMICAL ATTACK FROM THE GROUND. THIS ASSUMPTION IS TO BE VERIFIED BY SOIL TESTING BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF THE WORKS. SOIL TESTING SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF BRE SPECIAL DIGEST SD1 "CONCRETE IN AGGRESSIVE GROUND" AND THE CONTRACTOR SHALL INCLUDE FOR THE COSTS OF ALL SUCH TESTING IN HIS RATES.
- THE CONTRACTOR SHALL ENSURE THAT BEST PRACTICE IS USED IN THE PREPARATION FOR, PLACING, COMPACTION AND CURING OF THE CONCRETE TO ENSURE STRENGTH AND DURABILITY ARE ACHIEVED.
- CONCRETE NOT TO BE PLACED WHEN THE AMBIENT AIR TEMPERATURE IS LESS THAN 5 DEGREES CELSIUS.
- NOMINAL CONCRETE COVER TO REINFORCEMENT SHALL BE AS PER CONCRETE COVER TABLE ON THIS DRAWING (note: c_{nom} = c_{min} + 5δ_{dev}).
- FOR 50 YEARS DESIGN LIFE STRUCTURES THE LIMITING VALUES FOR CONCRETE COMPOSITION SHALL BE IN ACCORDANCE WITH TABLE NC.1 TO NC.3 IS EN 206-1, NA.6 OF IS EN 1992-1-1 AND THE REQUIREMENTS OUTLINED ON THIS DRAWING.
- CALCULATION OF CRACK WIDTH SHALL BE BASED ON NOMINAL COVER. THE LIMITING CRACK WIDTH SHALL BE IN ACCORDANCE WITH TABLE NA.2 OF IS EN 1992-1-1.
- CONCRETE DESIGN TO CONFORM WITH THE FOLLOWING STANDARDS:
 - IS EN 1992 (EUROCODE 2) DESIGN OF CONCRETE INCL. IRISH NATIONAL ANNEX
 - IS EN 13670 EXECUTION OF CONCRETE STRUCTURES
 - THE CONCRETE MANUFACTURER SHALL CONFORM WITH THE REQUIREMENTS OF IS EN 206-1. EVIDENCE OF CONFORMITY BY THE MANUFACTURE SHALL BE NOTED ON ALL DELIVERY DOCUMENTATION.
 - IS EN 13369 COMMON RULES FOR PRECAST CONCRETE PRODUCTS.
- COMPLETE CORRELATED RECORDS MUST BE MAINTAINED FOR EACH CONCRETE MIX TYPE, INCLUDING:
 - COMPOSITION OF THE MIXES TESTED, INCLUDING ANY ADMIXTURES.
 - ALL SAMPLING AND SITE TESTS.
 - IDENTIFICATION MARKS OR NUMBERS OF ALL SPECIMENS TESTED IN THE LABORATORY.
 - THE LOCATION WITHIN THE STRUCTURE REPRESENTED BY EACH SAMPLE.
- CONCRETE SAMPLING, TESTING AND IDENTITY SAMPLING SHALL BE AGREED WITH THE ENGINEER AND AS A MINIMUM SHALL COMPLY WITH THE DETAILS INCLUDED IN TABLES ON THIS DRAWING.
- 7 AND 28 DAY CUBE STRENGTH TESTS SHALL BE TAKEN AS PER IS EN 12390-1.
- MINIMUM STRENGTH REQUIREMENTS FOR STRIPPING OF FORMWORK AND HANDLING SHALL BE AGREED WITH THE ENGINEER. IN NO INSTANCE SHALL CONCRETE ELEMENTS BE LOADED UNTIL THEIR FULL DESIGN STRENGTH HAS BEEN ACHIEVED AND PROVEN BY CUBE TESTING. AS A MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL COMPLY WITH THE DETAILS INCLUDED IN TABLES ON THIS DRAWING.
- CONCRETE FINISHES SHALL BE AS FOLLOWS:
 - ALL EXPOSED FORMED FACES SHALL HAVE A CLASS F3 FINISH.
 - ALL BURIED FORMED FACES SHALL HAVE A CLASS F1 FINISH.
 - ALL UNIFORMED FINISHES SHALL BE CLASS U2 FINISH EXCEPT AS NOTED BELOW.
 - ALL COMPOUND ROADS, PATHS, RAMPS AND OTHER TRAFFICKED AREAS SHALL BE CLASS U4 (BRUSHED) FINISH.
 - ALL EQUIPMENT PAD SURFACES NOT COVERED BY EQUIPMENT TO HAVE A CLASS U3 (STEEL TROWEL/POWER FLOATED) FINISH.
 - ALL PRECAST CONCRETE TO HAVE CLASS F3 OR U3 FINISH.
 - PONDING ON HORIZONTAL SURFACES NOT PERMITTED.
- ALL EXPOSED FACES SHALL HAVE A 25mm CHAMFER.
- CONCRETE SHALL BE PLACED AND COMPACTED WITHIN 60 MINUTES AFTER MIXING IN THE BATCHING PLANT. EACH LAYER IS TO BE PROPERLY MERGED INTO THE PRECEDING LAYER WITH AN INTERVAL BETWEEN LAYERS NOT EXCEEDING 30 MINUTES. CONCRETING SHALL BE CARRIED OUT CONTINUOUSLY TO CONSTRUCTION JOINTS. CONCRETE SHALL BE THOROUGHLY COMPACTED BY RODDING, TAMPING OR VIBRATING AND WORKED WELL IN THE VICINITY OF ALL CONSTRUCTION AND MOVEMENT JOINTS, EMBEDDED WATER BARS, STEEL REINFORCEMENT AND AGAINST EXISTING HARDENED CONCRETE ELEMENTS. ALL PLACING AND COMPACTION OF CONCRETE SHALL BE CARRIED OUT UNDER SUITABLE SUPERVISION AND AS SOON AFTER MIXING AS IS PRACTICABLE.
- WHEN CONCRETING IN COLD WEATHER, ALL CONCRETE SURFACES SHALL BE IMMEDIATELY COVERED WITH SUITABLE INSULATING MATERIAL ADEQUATELY FIXED TO PREVENT DRAUGHTS UNDER SAME. HEATING SHALL BE PROVIDED WHERE REQUIRED TO MAINTAIN A MINIMUM TEMPERATURE IN THE PLACED CONCRETE OF 5°C DURING HARDENING.
- IN NORMAL WEATHER CONDITIONS, EXPOSED FRESH CONCRETE SURFACES SHALL BE KEPT IN A DAMP CONDITION FOR NOT LESS THAN 10 DAYS BY MEANS OF WET SACKING OR SAND PLACED AS SOON AS PRACTICABLE AFTER CONCRETE FINISHING. STEEL FORMWORK USED IN HOT WEATHER SHALL BE SIMILARLY PROTECTED.
- PROTECTION OF CURING CONCRETE BY MEANS OF POLYTHENE SHEETING, TOGETHER WITH CONTINUOUS SPRINKLING SHALL BE ACCEPTABLE ON AGREEMENT WITH THE ENGINEER.
- ELEMENTS NOTED AS PRECAST SHALL BE DESIGNED, CERTIFIED AND INSTALLED BY THE CONTRACTOR.
- MAX HEIGHT OF POUR TO BE 2.5m.
- ALL CONSTRUCTION JOINTS TO HAVE PVC WATERSTOP, HYDROPHILIC STRIPS NOT PERMITTED.
- BASEMENT TO BE TANKED (ESB SPEC).
- THE ALLOWABLE OUT-OF-PLANE DISTORTION OF THE TOP SURFACE OF ANY CONCRETE PAVEMENT OR STRUCTURE, OVER THE TOTAL FOOTPRINT OF THE STRUCTURE, SHALL BE +/- 10MM.
- DIFFERENTIAL SETTLEMENT BETWEEN PAVEMENT AND ADJACENT RIGID FOUNDATIONS, MEASURED OVER ANY 3 METRE LENGTH OF PAVEMENT USING A STRAIGHT EDGE, SHALL NOT EXCEED 30MM.
- THE MAXIMUM PERMITTED CHANGE IN GRADIENT FROM THE DESIGN GRADIENT, SHALL BE 0.5%.

EXTERNAL LIGHTING AND SIGNAGE

- UNLESS OTHERWISE NOTED, ALL EXTERNAL LIGHTING AND SIGNAGE SHALL BE FIXED WITH A MIN. OF 6 NO. 200mm LONG M20 GALVANISED CHEMICAL ANCHORS THROUGH A 15mm BASE PLATE SIZED BASED ON A 150mm OFFSET FROM COLUMN FACE. ALL FOUNDATIONS SHALL BE AS PER DETAIL ON DG-1131 AND FOUNDED ON STIFF BEARING SOIL (MIN. 150kPa). ALL DETAILS SHALL BE AGREED WITH THE ENGINEER.

REBAR ABBRVIATIONS

UB = U-BAR
LB = L-BAR
EF = EACH FACE
NF = NEAR FACE
FF = FAR FACE
TF = TOP FACE
BF = BOTTOM FACE
TT / T1 = TOP OUTER LAYER
T2 = TOP SECOND LAYER
BB / B1 = BOTTOM OUTER LAYER
B2 = BOTTOM SECOND LAYER
AP = ALTERNATELY PLACE
AS = ALTERNATELY STAGGERED

BAR TYPE AND SIZE	MINIMUM LAP LENGTH (mm)
FLYING END MESH (A 98/142/193/252/393)	450
H10	500
H12	600
H16	800
H20	1000
H25	1200
H32	1600
H40	2000

FOUNDATION NOTES

- REINFORCEMENT AS PER REINFORCEMENT DRAWINGS INCLUDED IN THIS SET OF DRAWINGS.
- OFFSET REINFORCED END LAPS IN ADJACENT WIDTHS. USE REINFORCEMENT SUPPORT CHAIR AT 1.0m CENTRES AS REQUIRED.
- FOUNDATION TO BE CONSTRUCTED ON COMPETENT MATERIAL (BEARING CAPACITY OF 150kN/m² MIN.)
- FOUNDATION FILL **TYPE AND DEPTH** SHALL BE AS PER (IS EN 13242 ANNEX E) AS FOLLOWS:
 - 50mm T3-BLIND BLANDING TO UNDERSIDE OF FOUNDATIONS/RADON BARRIER/DPM.
 - 250mm T2-PERM LAYER (RADON SUMP).
 - 600mm T1-STRUCT LAYER (TO DEPTH LESS THAN 900mm). REFER TO COMPOUND EARTHWORKS DRAWINGS FOR BUILDUP OF UNDERLYING FILL.
 - T0-STRUCT HARDCORE SHALL BE USED WHERE THE FILL DEPTH TO THE UNDERSIDE OF THE FOUNDATION AND/OR GROUND BEARING FLOOR SLAB IS GREATER THAN 900mm. REFER TO COMPOUND EARTHWORKS DRAWINGS FOR BUILDUP OF UNDERLYING FILL.
- HARDCORE SHALL BE MECHANICALLY COMPACTED AS PER IS 888. LAYERS SHALL NOT EXCEED 225mm.
- HARDCORE COMPACTION SHALL BE VERIFIED BY CBR TESTING ON TOP OF T0-STRUCT FILL. TESTS SHALL BE CARRIED OUT AS 2 NO. PER FOUNDATION BLOCK. MIN. CBR SHALL BE 15%.
- MAXIMUM COMPACTION PLANT TO BE USED SHALL BE 3,000kg DRUM ROLLER. COMPACTION PLANT SHALL NOT BE USED WITHIN 2.0m OF AN EXISTING STRUCTURE.
- GRANULAR MATERIAL FOR USE UNDER FLOORS, FOUNDATIONS AND FOOTPATHS SHALL BE FIT FOR THE PURPOSE FOR WHICH IT IS INTENDED AND CONFORM WITH THE REQUIREMENTS SET OUT IN THIS SPECIFICATION AND IN IS EN 13242 AND SR 21. THE CONTRACTOR SHALL ADVISE SUPPLIERS AS THE INTENDED PURPOSE OF GRANULAR MATERIAL AND OBTAIN CONFIRMATION THAT THE MATERIAL WILL COMPLY WITH THESE REQUIREMENTS.
- DIMENSIONS GIVEN SHOULD BE CHECKED IN RELATION TO GENERAL ARRANGEMENT DRAWINGS.
- EXCAVATION IS TO BE INSPECTED AND APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO PLACING OF FOUNDATION FILL.
- REINFORCEMENT MUST BE CHECKED BY ENGINEER PRIOR TO POURING OF CONCRETE.
- CONCRETE COMPOSITION SHALL BE AS PER THE CONCRETE MIX DESIGNATION TABLE ON THIS DRAWING, THE PROJECT SPECIFICATION AND ALL COMPONENT SPECIFIC NOTES ON OTHER DRAWINGS AND DETAILS.
- REFER TO COMPOUND EARTHWORKS DRAWINGS FOR CONSTRUCTION OF UNDERLYING MATERIAL.

MASONRY NOTES

- MASONRY CONSTRUCTION SHALL CONFORM TO IS EN 1996. BLOCKS SHALL BE CONCRETE. MASONRY UNITS CONFORMING TO IS EN 771. SAND FOR MORTAR SHALL COMPLY WITH IS EN 13139, IS EN 998 & SR 18. CEMENT SHALL BE ORDINARY PORTLAND CEMENT.
- ALL MASONRY SHALL BE MIN. 13MPA WITH M12 MORTAR TO ONE BLOCK ABOVE DPC LEVEL (BOTH LEAVES), UNLESS NOTED OTHERWISE.
- THE CHARACTERISTIC COMPRESSIVE STRENGTH OF THE BLOCKS SHALL BE A MINIMUM OF 7MPa, UNLESS NOTED OTHERWISE ON DRAWINGS. 10 NO. BLOCKS PER 1500 TO BE TESTED (ESB SPEC).
- MORTAR FOR BEDDING SHALL COMPLY WITH THE MIX DESIGNATION FOR COMPRESSIVE STRENGTH CLASS M12 AS A MINIMUM IN ACCORDANCE WITH IS EN 1996-1-1, UNLESS OTHERWISE STATED ON DRAWINGS. MORTAR TESTING SHALL BE IN ACCORDANCE WITH EN 1996. SAND FOR MORTAR SHALL COMPLY WITH BS 1199, BS 1200:1976 AND BS EN 13139.
- TWO COURSES OF BED JOINT REINFORCEMENT (BJR) TO BE USED UNDER OPENINGS AND OVER OPENINGS AND DOOR OPES. BJR TO EXTEND A MIN. OF 600mm BEYOND OPE. REFER TO STRUCTURAL DRAWINGS FOR ANY ADDITIONAL AREAS REQUIRING BJR.
- BJR SHALL BE CURTAILED 50mm FROM ANY CONTROL JOINTS.
- BJR SHALL BE STAINLESS STEEL OF MINIMUM GRADE 1.4301 AS PER IS EN 10088 (SS 304). BJR SHALL BE WIRE-WELD TYPE (BRICKFORCE OR EQUIVALENT APPROVED).
- ALL MASONRY SHALL BE FIXED TO RC ELEMENTS AS FOLLOWS (OR EQUIVALENT APPROVED):
 - COLUMNS: USING ANCON 36/8 WALL EXTENSION SYSTEM, INCLUDING DEBONDING SLEEVES (FIXED AT EACH COURSE).
 - BEAMS (HEAD RESTRAINTS): USING ANCON IHR-V INTERNAL HEAD RESTRAINT TO SUIT A 215/100mm BLOCK AT 450mm HORIZONTAL CENTRES.
- HAMMER-ON FIXINGS SHALL ALTERNATE DIRECTIONS AS PER MANUFACTURER INSTRUCTIONS.
- ALL MASONRY PANELS TO INCLUDE MOVEMENT JOINTS AS NOTED.
- ALL STEEL AND 150mm DEEP RC LINTELS SHALL BEAR ON 440mm LONG x 215mm DEEP RC PADSTONES WITH MINIMUM STRENGTH CLASS C30/20. LINTELS SHALL BEAR ON PADSTONE FOR A MINIMUM OF 300mm UNLESS OTHERWISE AGREED.
- ALL LINTELS TO HAVE MIN. OF 300MM BEARING UNLESS OTHERWISE NOTED.
- MASONRY WALLS TO BE FIXED TO U-BLOCK BEAM BY ANCON IHR-V OR SIMILAR APPROVED AT 450mm CENTRES.

LCE-CON7

CONCRETE COMPOSITION FOR MARINE WORKS (50 YEAR DESIGN LIFE AS PER IS EN 206)

MINIMUM CEMENT/ITIOUS CONTENT:	400KG/m³
MAXIMUM WATER-CEMENT RATIO:	0.45
CLASS DESIGNATION	X S3
STRENGTH	C40/50 REGARDLESS OF DURABILITY REQUIREMENTS, THE MINIMUM STRENGTH CLASS SHALL NOT BE LESS THAN THAT REQUIRED FOR STRUCTURAL PURPOSES.
CEMENTITIOUS MATERIAL:	C40/50 REGARDLESS OF DURABILITY REQUIREMENTS, THE MINIMUM STRENGTH CLASS SHALL NOT BE LESS THAN THAT REQUIRED FOR STRUCTURAL PURPOSES.
	THE CHLORIDE CLASS OF THE CONCRETE SHALL BE AS FOLLOWS: - REINFORCED CONCRETE CL 0, 20. - PRE-STRESSED CONCRETE CL 0, 10. - UN-REINFORCED CONCRETE CL 0, 50.
SLUMP CLASS	S2 AS PER IS EN 206
ADMIXTURES	SUITABLE ADMIXTURES SHALL BE AGREED WITH THE ENGINEER
FIBRE REINFORCEMENT	MICRO FIBRES AS PER MANUFACTURER GUIDELINES

LABEL	APPLICATION	INSTALLATION NOTES	COMPRESSIVE STRENGTH CLASS	EXPOSURE CLASS (AS PER IS EN 206-1)	SLUMP CLASS	ALL OTHER COMPOSITION AND PROPERTIES	ALLOWABLE CEMENT TYPES
LCE-CON1	BLINDING/ MASS CONCRETE FILLING	TAMPED	C16/20	X0	S3	AS PER IS EN 206-1 INCL. IRISH NATIONAL ANNEX. DETAILS TO BE CONFIRMED WITH THE ENGINEER. WATERPROOF CONCRETE TO ALL BASEMENTS AND PITS.	
LCE-CON2	STRUCTURAL CONCRETE IN SCREEDS	VIBRATED AND POWER FLOATED (SEE MAIN PROJECT SPEC. BY ENGINEER)	C30/37	X3	S2		
LCE-CON3	STRUCTURAL CONCRETE IN RC ELEMENTS - RAFT AND STRIP FOUNDATIONS	VIBRATED AND POWER FLOATED (SEE MAIN PROJECT SPEC. BY ENGINEER)	C30/37	XC2	S2		
LCE-CON4	STRUCTURAL CONCRETE IN RC ELEMENTS - INTERNAL (E.G. ALLS, COLUMNS, STAIRS, SLABS, BEAMS ETC.)	VIBRATED AND POWER FLOATED (SEE MAIN PROJECT SPEC. BY ENGINEER)	C30/37	X3/X4	S2		
LCE-CON5	STRUCTURAL CONCRETE IN RC ELEMENTS - EXTERNAL (E.G. PILE CAPS, FOUNDATIONS, CULVERTS, RETAINING WALLS, GROUND BEAMS ETC.)	VIBRATED AND POWER FLOATED (SEE MAIN PROJECT SPEC. BY ENGINEER)	C35/45	XF3	S2		
LCE-CON6	EXTERNAL PAVING	VIBRATED AND POWER FLOATED (SEE MAIN PROJECT SPEC. BY ENGINEER)	C32/40	XF4	S2		

NOTES:

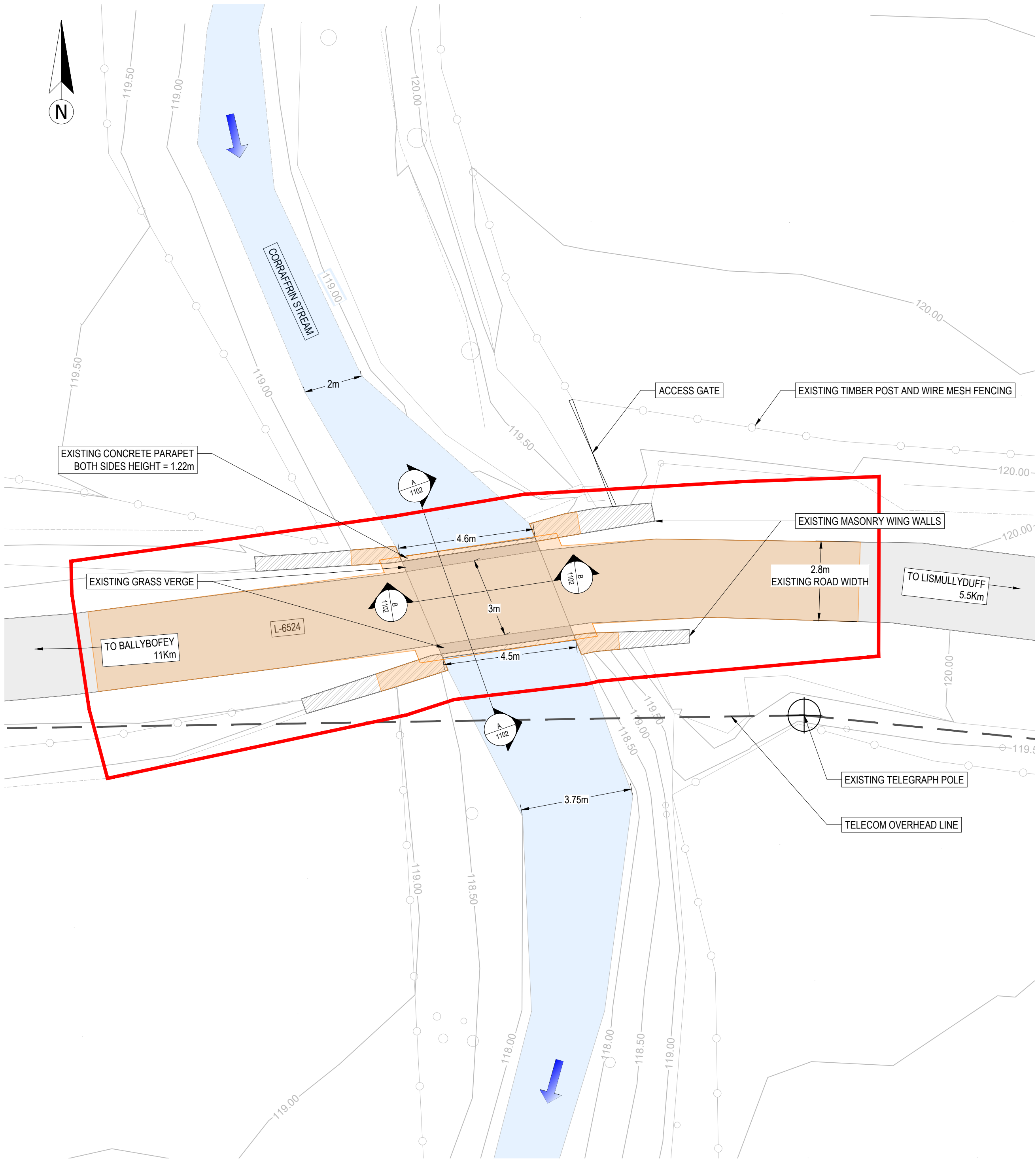
REINFORCED CONCRETE NOTES

- COVER TO REINFORCEMENT AND MINIMUM LAP LENGTHS SHALL BE AS PER THE TABLES ON THIS DRAWING AS A MINIMUM.
- REINFORCEMENT SHALL BE GRADE H B500B, HIGH YIELD, HOT ROLLED TYPE 2 DEFORMED BARS COMPLYING WITH BS 8666:2005. STEEL FABRIC SHALL COMPLY WITH BS 4483.
- REINFORCEMENT SHALL COMPLY WITH IS EN 10080, BS 4449 AND BS 4482.
- WHERE NOTED REINFORCEMENT SHALL BE HOT DIP GALVANISED TO BS EN 10244, BS EN ISO 1461 OR EQUIVALENT APPROVED.
- WHERE NOTED REINFORCEMENT SHALL BE STAINLESS STEEL TO BS 6744:2016 OR EQUIVALENT APPROVED.
- REINFORCEMENT SHALL BE FIXED ADEQUATELY USING TYING OR STEEL CLIPS. ALL CHAIRS AND SPACERS SHALL BE PROVIDED TO MAINTAIN SPECIFIED SPACING AND COVER.
- ALL REINFORCEMENT TO BE "CARES" APPROVED AND CE MARKED.
- ALL MESH TO BE FLYING END MESH (UNLESS OTHERWISE NOTED).
- EPOXY COATED REINFORCEMENT SHALL NOTE BE USED.
- PROVIDE EARTHING TO REINFORCEMENT IN ACCORDANCE WITH THE DETAILS PROVIDED BY THE ELECTRICAL DESIGNER.

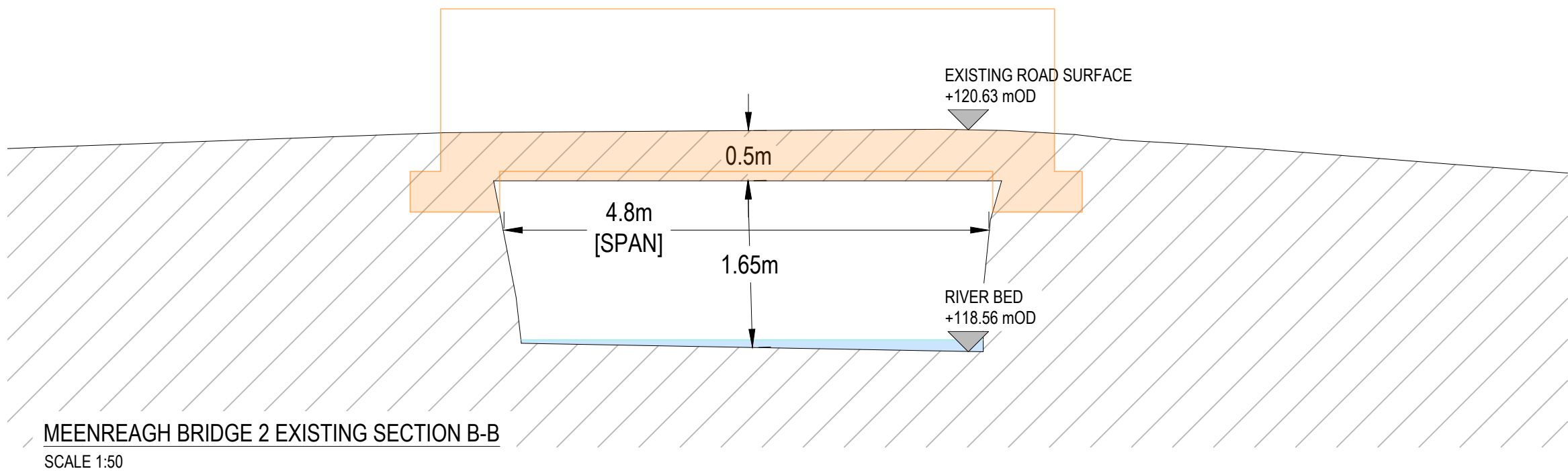
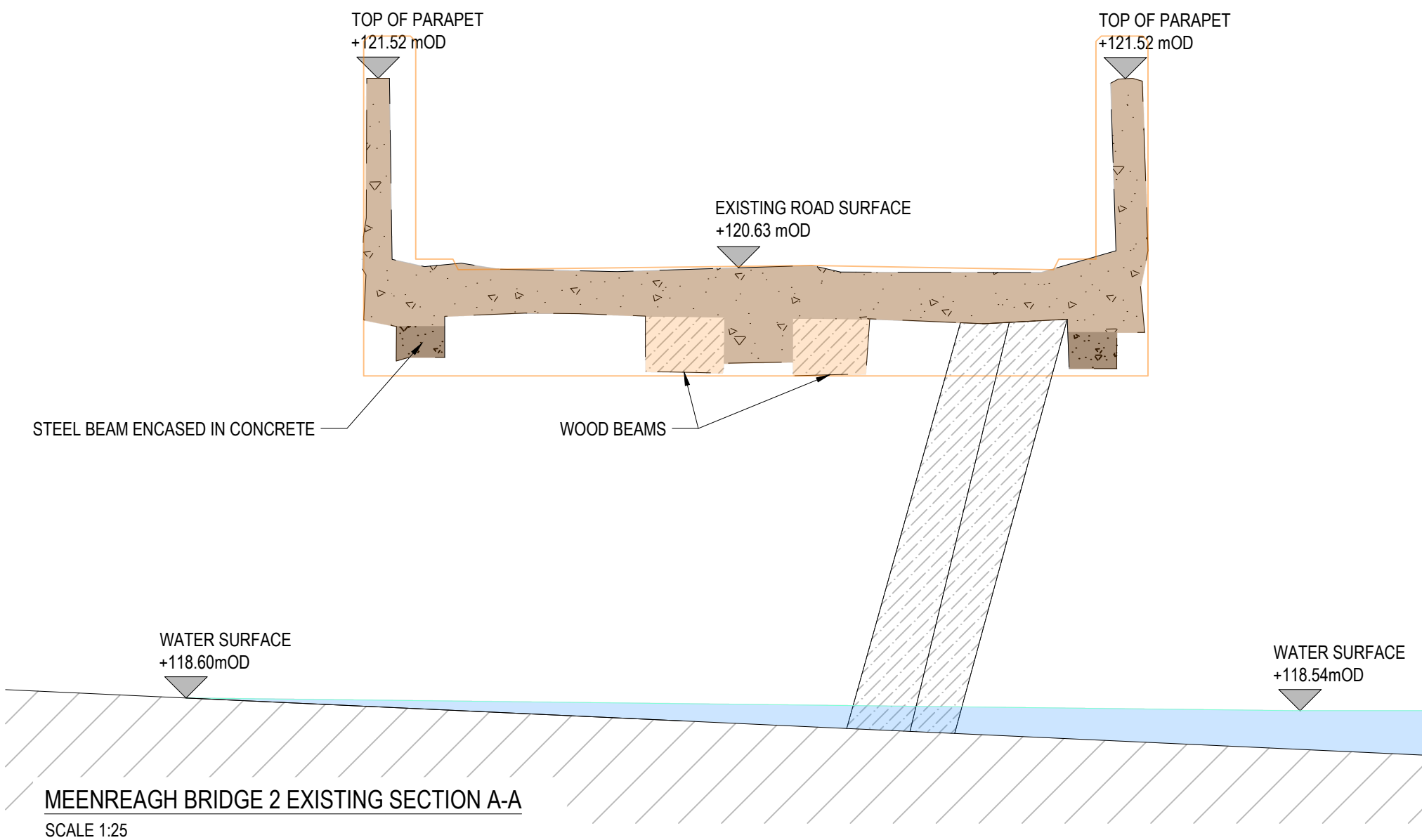
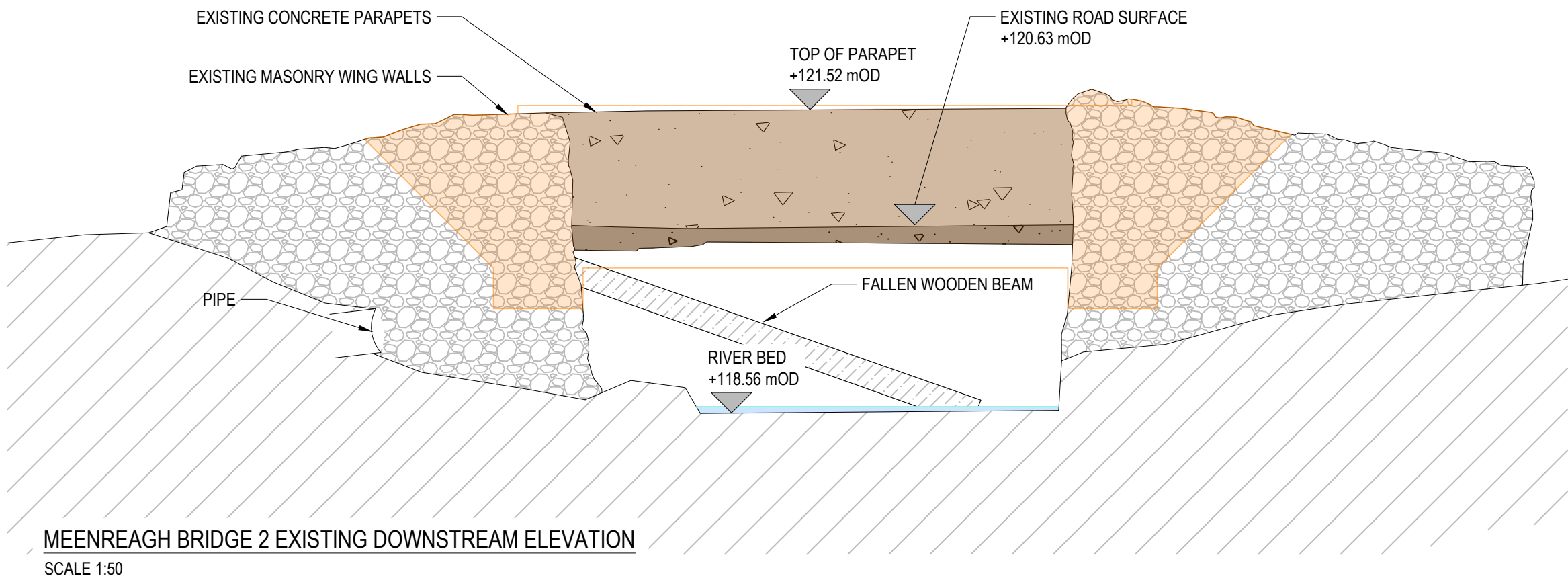
FREQUENCY OF CONCRETE IDENTITY/ STRENGTH TESTING	NO. OF SAMPLES
PER 5m³ OR 1 TRUCK ON EACH DAY THAT CONCRETE OF THAT GRADE IS USED	1 SET
PER 20m³ OR 3 TRUCKS ON EACH DAY THAT CONCRETE OF THAT GRADE IS USED	2 SETS
PER 50m³ OR 7 TRUCKS ON EACH DAY THAT CONCRETE OF THAT GRADE IS USED	3 SETS
PER 70m³ OR 10 TRUCKS ON EACH DAY THAT CONCRETE OF THAT GRADE IS USED	4 SETS
GREATER THAN 70m³ ON EACH DAY THAT CONCRETE OF THAT GRADE IS USED	4 SETS PER 70m³
NOTES: - A TRUCK AVERAGE CAPACITY IS ASSUMED 7-8m³. - A SET OF CUBES IS DEEMED TO INCLUDE THREE SPECIMENS: THE FIRST CUBE OF EACH SAMPLE IS TO BE TESTED IN ACCORDANCE WITH I.S. EN 12390 - 2000 - PART 3 TO OBTAIN THE 7 DAY STRENGTH. THE SECOND CUBE IS TO BE TESTED IN ACCORDANCE WITH I.S. EN 12390 - 2000 - PART 3 TO OBTAIN THE 28 DAY STRENGTH. THE REMAINING THIRD CUBE IS TO BE AVAILABLE FOR TESTING AT ANY LATER OR EARLIER TIME, AT THE DISCRETION OF THE ENGINEER. CUBE TESTS AND SAMPLING ARE TO BE CARRIED OUT IN ACCORDANCE WITH I.S. EN 12390 - 2000 - PART 3.	

TENDER

02/07/26	TN01	AOG	JL	TENDER ISSUE
11/06/26	DR01	AOG	JL	DRAFT ISSUE
DATE	REV	BY	CHK	DESCRIPTION
 Ph: +353 (0)98 58961 Email: info@langan.ie Web: www.langan.ie Langan Enterprise Centre, Albioncourt Street, Westport, Co. Mayo F28 ET85 Galaxy Technology Centre, Merion Business Park, Merion, Galway H91 D262 LANGAN CONSULTING ENGINEERS CIVIL / STRUCTURAL / MARINE				
DRAWING BASED ON OSI DIGITAL VECTOR MAPPING FOR THE AREA. ORDNANCE SURVEY OF IRELAND LICENCE NO AR 0080219. © ORDNANCE SURVEY OF IRELAND GOVERNMENT OF IRELAND.				
PROJECT TITLE: BRIDGE REHABILITATION WORKS				DATE: JUNE 2026
AT: MEENREAGH, KILLYGORDON CO. DONEGAL				DRAWING NUMBER: 1000
CLIENT: DONEGAL COUNTY COUNCIL				SCALE: NTS @A1
JOB NUMBER: 25076				DRAWING BY: AOG
DRAWING TITLE: STRUCTURAL NOTES				CHECKED BY: JL
				REVISION: TN01



MEENREAGH BRIDGE 2 EXISTING SITE LAYOUT PLAN
SCALE 1:100



NOTES:

1. ALL DIMENSIONS IN METERS UNLESS OTHERWISE NOTED.
2. ALL COORDINATES ARE IN METERS AND RELATE TO ITM (IRISH TRANSVERSE MERCATOR) UNLESS OTHERWISE NOTED.
3. ALL LEVELS IN METERS ARE RELATIVE TO ORDNANCE DATUM MALIN HEAD (OSGM15).
4. DO NOT SCALE FROM DRAWINGS, USE FIGURED DIMENSIONS ONLY.
ALL DIMENSIONS SHALL BE CONFIRMED ON SITE.
5. DRAWINGS ARE FOR THE PURPOSES OUTLINED IN THE TITLE BOX ONLY.
6. DRAWINGS ARE BASED ON SITE SURVEY INFORMATION RECEIVED FROM KGSS ON 22/10/2025.
7. SITE LOCATION REFERENCE:
MEENREAGH BRIDGE 1 LOCATION: X= 613938 Y= 886737 (ITM).
MEENREAGH BRIDGE 2 LOCATION: X= 614079 Y= 886724 (ITM)

LEGEND:

- PROJECT BOUNDARY
- RIVER FLOW DIRECTION
- EXTENTS OF DEMOLITION AREA
- EXISTING GROUND
- RIVER
- MASONRY WING WALLS
- REINFORCED CONCRETE PARAPETS & DECK
- STEEL BEAM ENCASED IN CONCRETE
- WOOD BEAM
- EXISTING ROAD EXTENTS
- OVERHEAD TELEPHONE WIRES
- TELEPHONE POST
- TIMBER POST AND WIRE MESH FENCING

TENDER

DATE	REV	BY	CHK	DESCRIPTION
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11/06/26	DR01	AOG	JL	DRAFT ISSUE

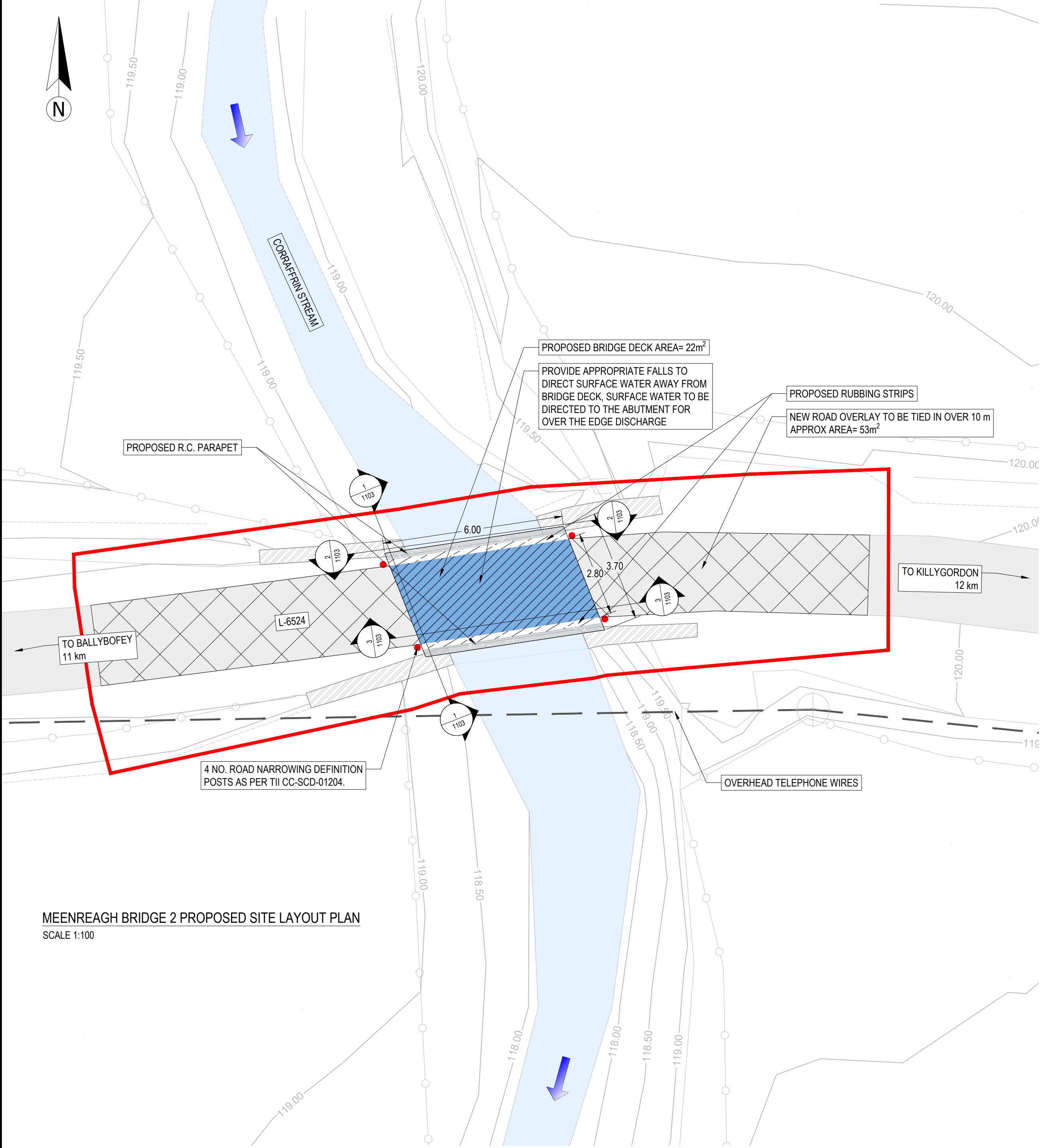
Ph: +353 (0)98 58961
Email: info@langan.ie
Web: www.langan.ie

Langans Enterprise Centre, Albion Street,
Wexford, Co. Mayo F28 E785
Galway Technology Centre, Mercers Business
Park, Mercers, Galway H91 D552

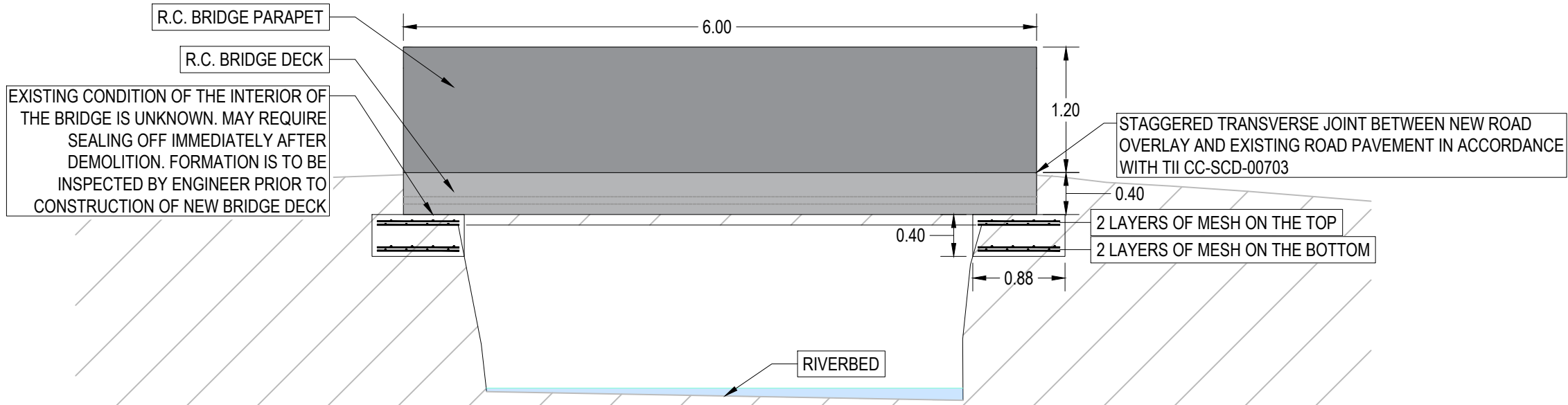
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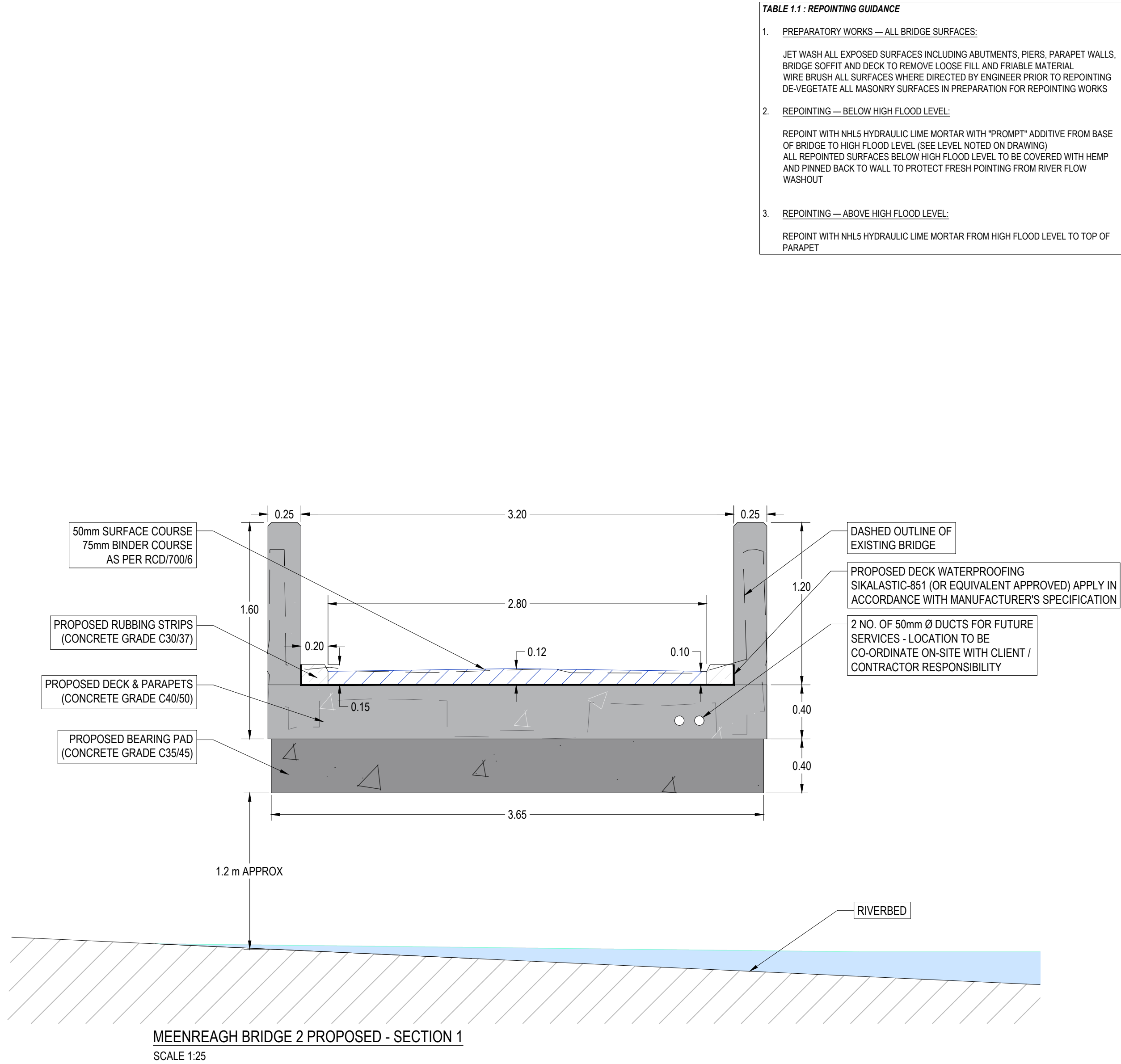
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AT: MEENREAGH, KILLYGORDON CO. DONEGAL	DRAWING NUMBER: 1102
CLIENT: DONEGAL COUNTY COUNCIL	SCALE: AS SHOWN @A1
JOB NUMBER: 25076	DRAWING BY: AOG
DRAWING TITLE: MEENREAGH BRIDGE 2 EXISTING SITE LAYOUT WITH SECTIONS	CHECKED BY: JL
	REVISION: TN01



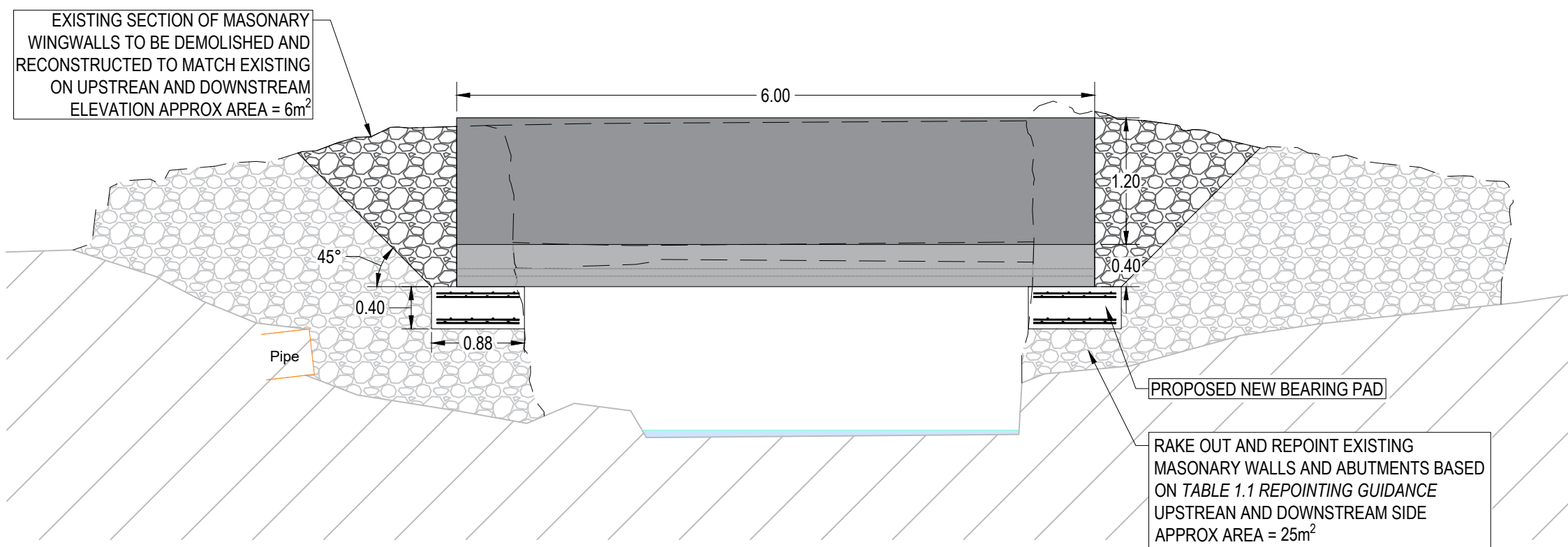
MEENREAGH BRIDGE 2 PROPOSED SITE LAYOUT PLAN
SCALE 1:100



MEENREAGH BRIDGE 2 PROPOSED - SECTION 3
SCALE 1:50



MEENREAGH BRIDGE 2 PROPOSED - SECTION 1
SCALE 1:25



MEENREAGH BRIDGE 2 PROPOSED - SECTION 2
SCALE 1:50

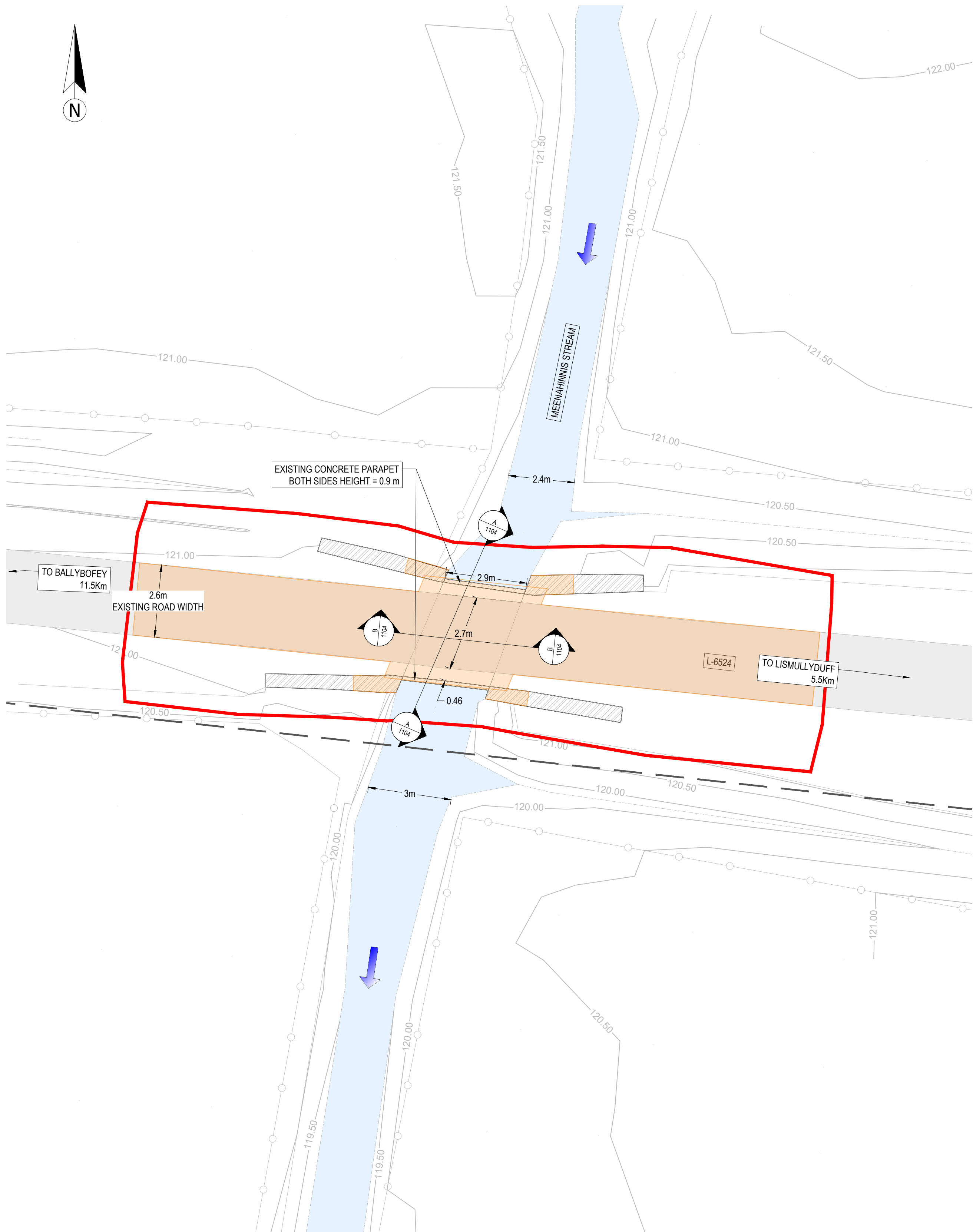
TABLE 1.1: REPOINTING GUIDANCE	
1. PREPARATORY WORKS — ALL BRIDGE SURFACES:	JET WASH ALL EXPOSED SURFACES INCLUDING ABUTMENTS, PIERS, PARAPET WALLS, BRIDGE SOFFIT AND DECK TO REMOVE LOOSE FILL AND FRIABLE MATERIAL. WIRE BRUSH ALL SURFACES WHERE DIRECTED BY ENGINEER PRIOR TO REPOINTING. DE-VEGETATE ALL MASONRY SURFACES IN PREPARATION FOR REPOINTING WORKS.
2. REPOINTING — BELOW HIGH FLOOD LEVEL:	REPOINT WITH NHL5 HYDRAULIC LIME MORTAR WITH 'PROMPT' ADDITIVE FROM BASE OF BRIDGE TO HIGH FLOOD LEVEL (SEE LEVEL NOTED ON DRAWING). ALL REPOINTED SURFACES BELOW HIGH FLOOD LEVEL TO BE COVERED WITH HEMP AND PINNED BACK TO WALL TO PROTECT FRESH POINTING FROM RIVER FLOW WASHOUT.
3. REPOINTING — ABOVE HIGH FLOOD LEVEL:	REPOINT WITH NHL5 HYDRAULIC LIME MORTAR FROM HIGH FLOOD LEVEL TO TOP OF PARAPET.

- NOTES:**
- ALL DIMENSIONS IN METERS UNLESS OTHERWISE NOTED.
 - ALL COORDINATES ARE IN METERS AND RELATE TO ITM (IRISH TRANSVERSE MERCATOR) UNLESS OTHERWISE NOTED.
 - ALL LEVELS IN METERS ARE RELATIVE TO ORDNANCE DATUM MALIN HEAD (OSGM15).
 - DO NOT SCALE FROM DRAWINGS, USE FIGURED DIMENSIONS ONLY.
 - ALL DIMENSIONS SHALL BE CONFIRMED ON SITE.
 - DRAWINGS ARE FOR THE PURPOSES OUTLINED IN THE TITLE BOX ONLY.
 - DRAWINGS ARE BASED ON SITE SURVEY INFORMATION RECEIVED FROM KGSS ON 22/10/2025.
 - SITE LOCATION REFERENCE:
MEENREAGH BRIDGE 1 LOCATION: X= 613938 Y= 886737 (ITM).
 - CONTRACTOR TO ALLOW FOR THE REMOVAL OF ALL DEBRIS FROM THE RIVER BED WITHIN THE FOOTPRINT OF THE BRIDGE INCLUDING 5M UP AND 5M DOWNSTREAM.
 - CONTRACTOR TO ALLOW FOR THE DEMOLITION OF THE EXISTING STRUCTURE TO FACILITATE CONSTRUCTION OF THE PROPOSED WORKS.
 - JET WASH BRIDGE ABUTMENTS TO REMOVE LOOSE FILL AND FRIABLE MATERIAL. WIRE BRUSH WHERE REQUIRED. DE-VEGETATE IN PREPARATION FOR CONSTRUCTION OF CONCRETE PLINTHS AND NEW BRIDGE DECK.

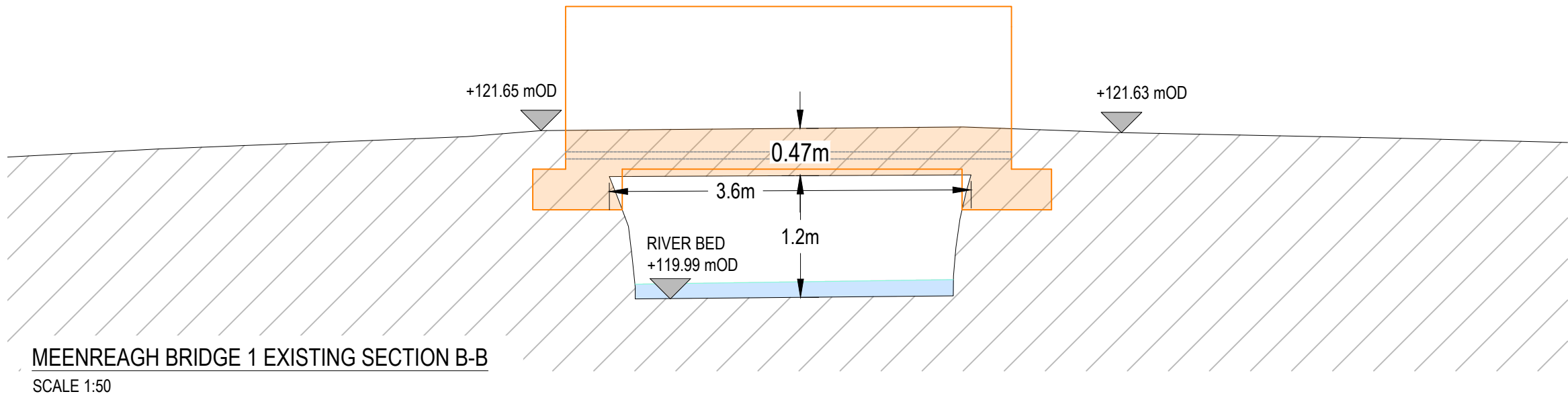
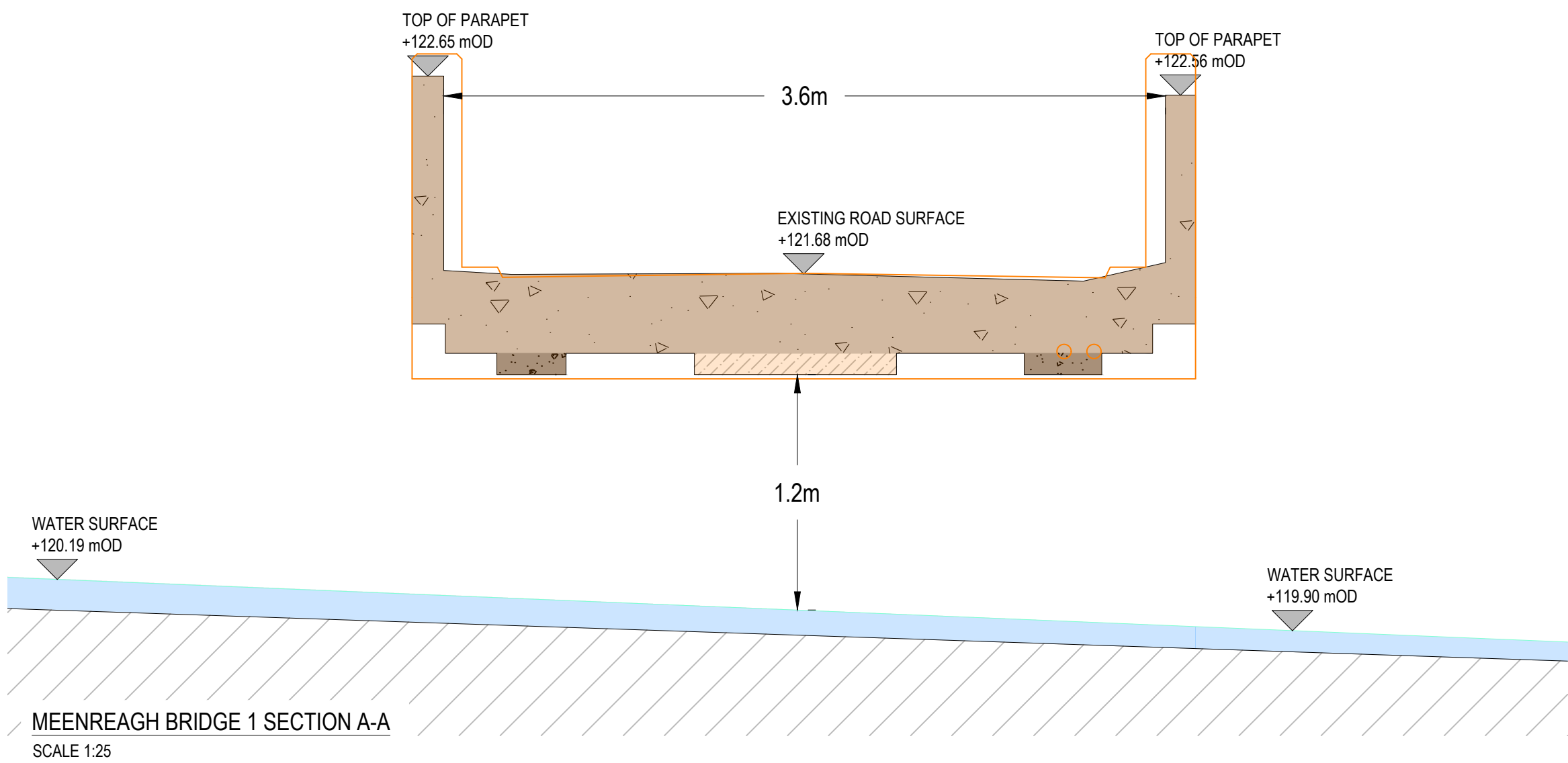
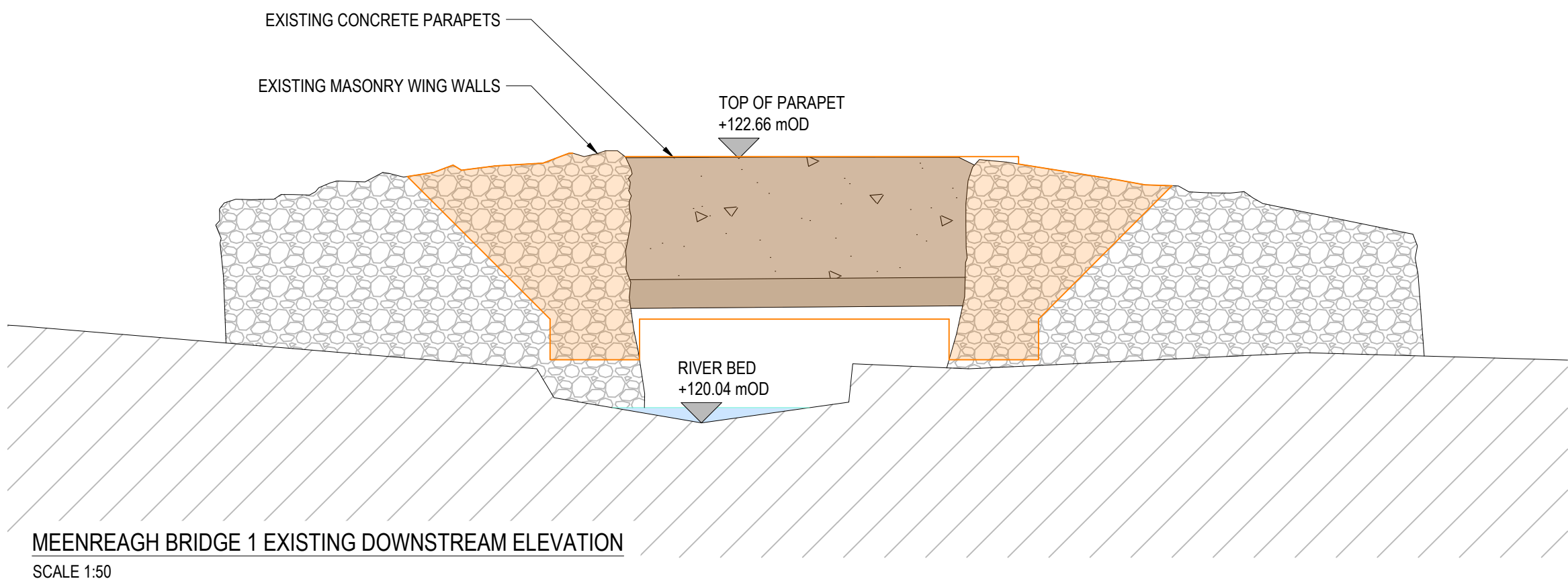
- LEGEND:**
- PROJECT BOUNDARY
 - RIVER FLOW DIRECTION
 - RIVER
 - PROPOSED BEARING PAD (CONCRETE GRADE C35/45)
 - PROPOSED DECK & PARAPETS (CONCRETE GRADE C40/50)
 - PROPOSED RUBBING STRIPS (CONCRETE GRADE C30/37)
 - OVERHEAD TELEPHONE WIRES
 - TELEPHONE POST
 - TIMBER POST AND WIRE MESH FENCING
 - RED-WHITE ROAD NARROWING DEFINITION POST AS PER TII CC-SCD-01204
 - EXISTING GROUND
 - SERVICE DUCTS

TENDER

02/07/26	TN01	AOG	JL	TENDER ISSUE
11/06/26	DR01	AOG	JL	DRAFT ISSUE
DATE	REV	BY	CHK	DESCRIPTION
Ph: +353 (0)98 58961 Email: info@langan.ie Web: www.langan.ie Langans Enterprise Centre, Albion Street, Wexford, Co. Mayo F28 ET85 Galway Technology Centre, Merion Business Park, Merion, Galway H91 D5D2 				
DRAWING BASED ON OSI DIGITAL VECTOR MAPPING FOR THE AREA. ORDNANCE SURVEY OF IRELAND LICENCE NO AR 0080219. © ORDNANCE SURVEY OF IRELAND GOVERNMENT OF IRELAND.				
PROJECT TITLE: BRIDGE REHABILITATION WORKS			DATE: JUNE 2026	
AT : MEENREAGH, KILLYGORDON CO. DONEGAL			DRAWING NUMBER: 1103	
CLIENT: DONEGAL COUNTY COUNCIL			SCALE: AS SHOWN @A1	
JOB NUMBER: 25076			DRAWING BY: AOG	
DRAWING TITLE: MEENREAGH BRIDGE 2 PROPOSED SITE LAYOUT WITH SECTIONS			CHECKED BY: JL	
			TN01	



MEENREAGH BRIDGE 1 EXISTING SITE LAYOUT PLAN
SCALE 1:100



NOTES:

1. ALL DIMENSIONS IN METERS UNLESS OTHERWISE NOTED.
2. ALL COORDINATES ARE IN METERS AND RELATE TO ITM (IRISH TRANSVERSE MERCATOR) UNLESS OTHERWISE NOTED.
3. ALL LEVELS IN METERS ARE RELATIVE TO ORDNANCE DATUM MALIN HEAD (OSGM15).
4. DO NOT SCALE FROM DRAWINGS, USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS SHALL BE CONFIRMED ON SITE.
5. DRAWINGS ARE FOR THE PURPOSES OUTLINED IN THE TITLE BOX ONLY.
6. DRAWINGS ARE BASED ON SITE SURVEY INFORMATION RECEIVED FROM KGSS ON 22/10/2025.
7. SITE LOCATION REFERENCE:
MEENREAGH BRIDGE 1 LOCATION: X= 613938 Y= 886737 (ITM).
MEENREAGH BRIDGE 2 LOCATION: X= 614079 Y= 886724 (ITM)

LEGEND:

- PROJECT BOUNDARY
- RIVER FLOW DIRECTION
- EXTENTS OF DEMOLITION AREA
- EXISTING GROUND
- RIVER
- MASONRY WING WALLS
- REINFORCED CONCRETE PARAPETS & DECK
- STEEL BEAM ENCASED IN CONCRETE
- WOOD BEAM
- EXISTING ROAD EXTENTS
- OVERHEAD TELEPHONE WIRES
- TIMBER POST AND WIRE MESH FENCING

TENDER

DATE	REV	BY	CHK	DESCRIPTION
02/07/26	TN01	AOG	JL	TENDER ISSUE
11/06/26	DR01	AOG	JL	DRAFT ISSUE

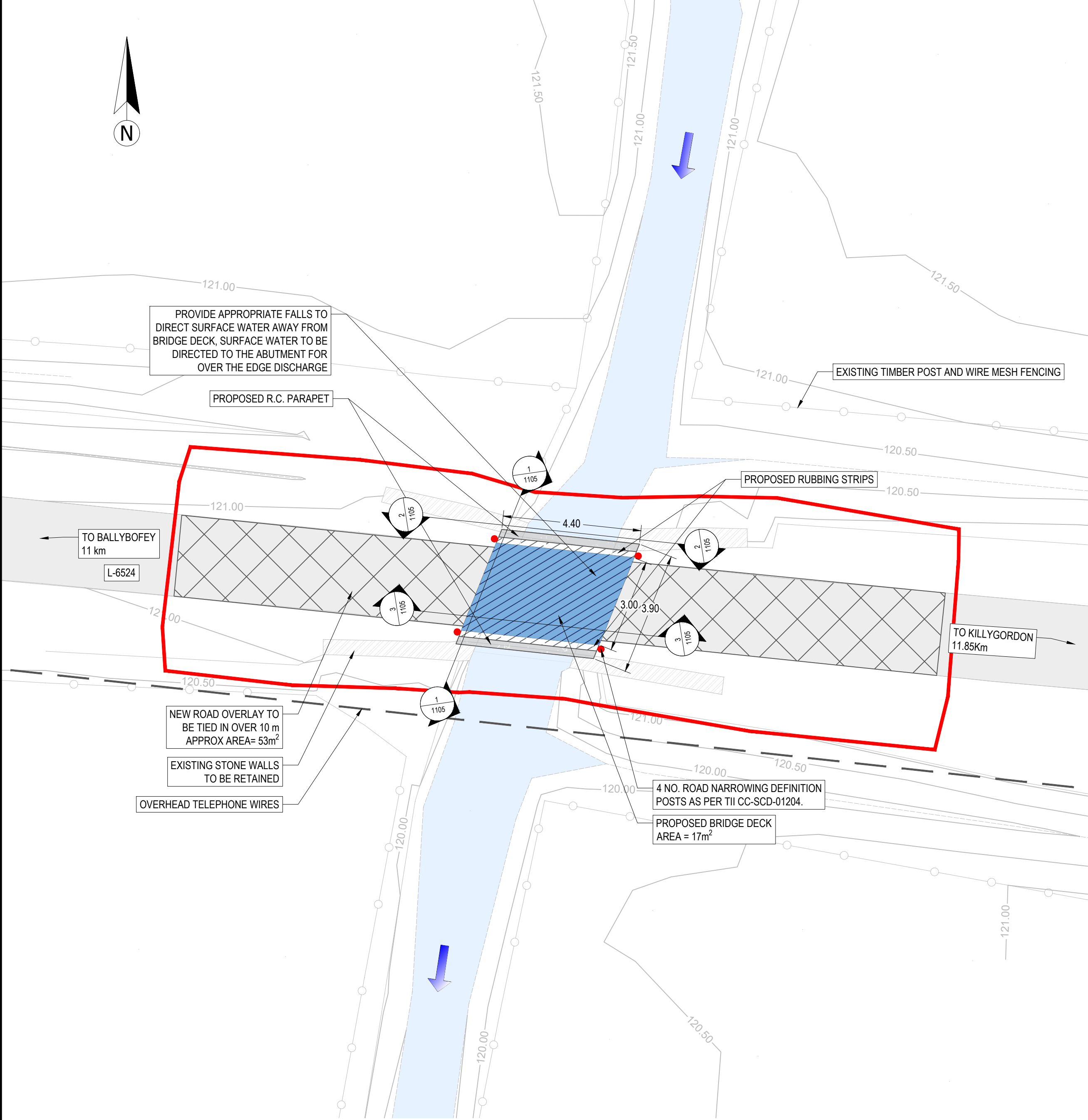
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Email: info@langan.ie
Web: www.langan.ie

Leamon Enterprise Centre, Albion Street,
Wexford, Co. Mayo F28 ET85
Galway Technology Centre, Mercion Business
Park, Mercion, Galway H91 D5D2

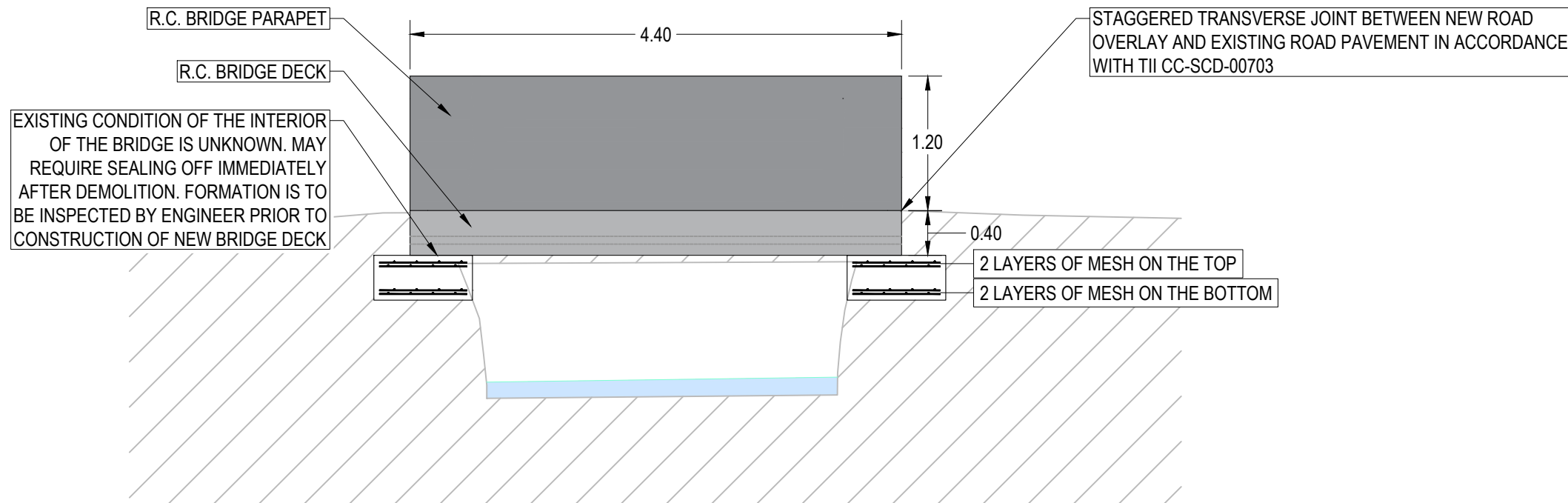
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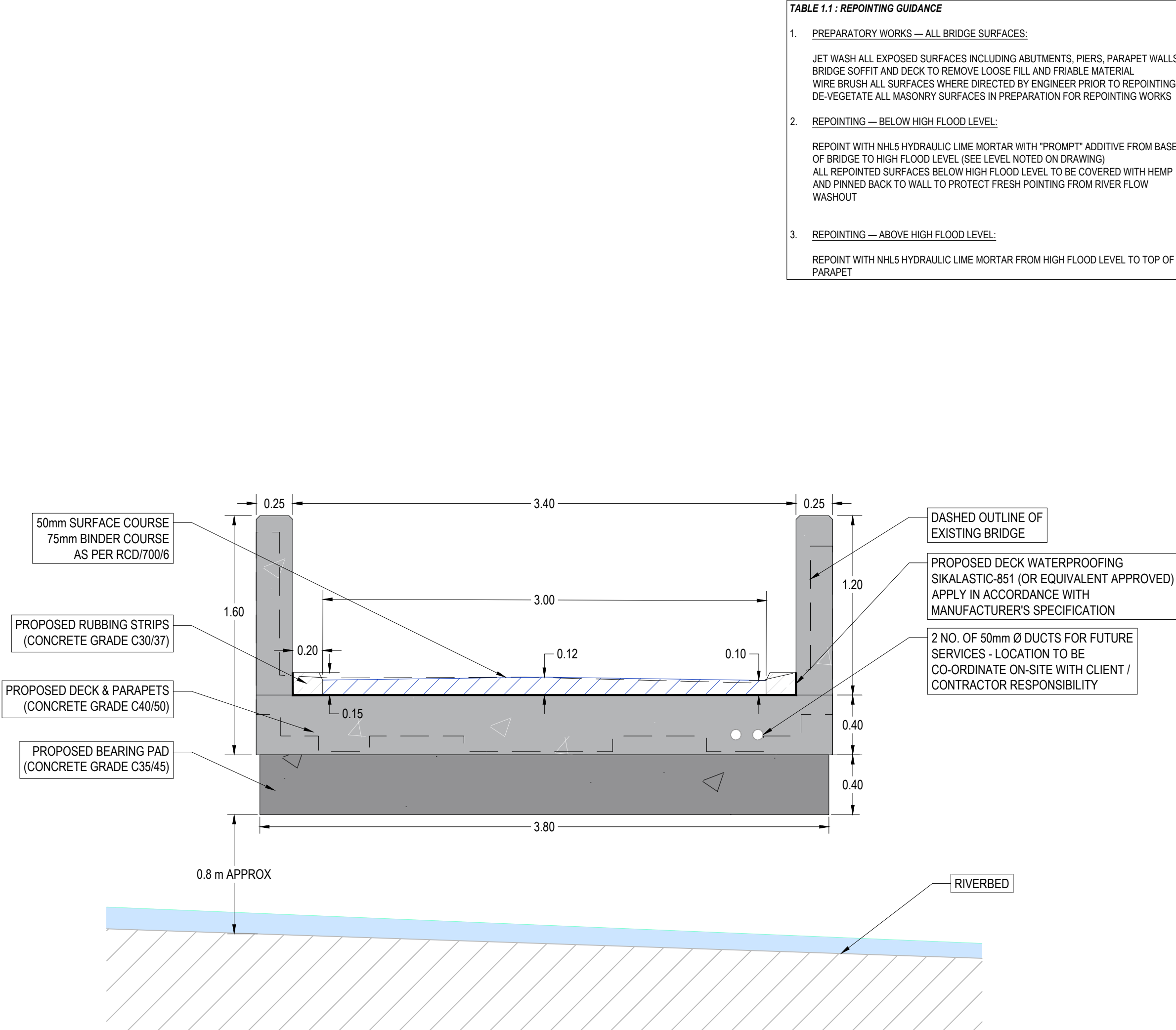
PROJECT TITLE: BRIDGE REHABILITATION WORKS		DATE: JUNE 2026	
AT: MEENREAGH, KILLYGORDON CO. DONEGAL		DRAWING NUMBER: 1104	
CLIENT: DONEGAL COUNTY COUNCIL		SCALE: AS SHOWN @A1	
JOB NUMBER: 25076		DRAWING BY: AOG	REVISION: TN01
DRAWING TITLE: MEENREAGH BRIDGE 1 EXISTING SITE LAYOUT WITH ELEVATION & SECTIONS		CHECKED BY: JL	



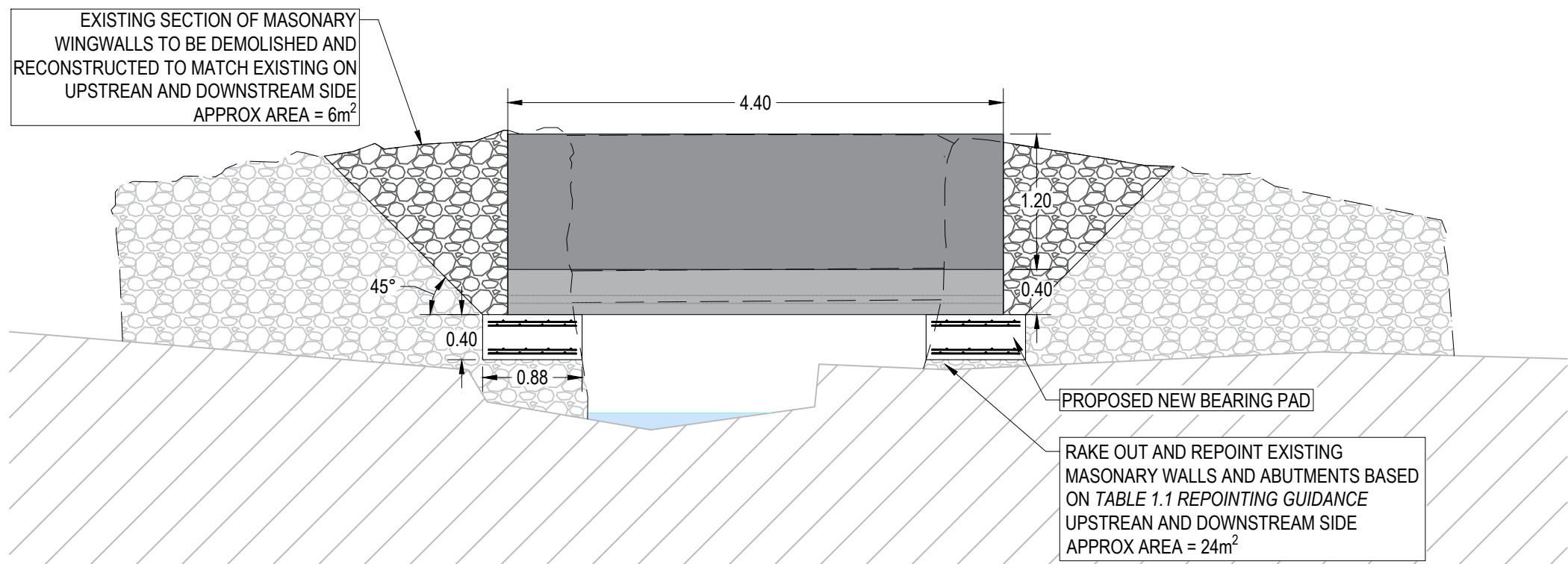
MEENREAGH BRIDGE 1 PROPOSED SITE LAYOUT PLAN
SCALE 1:100



MEENREAGH BRIDGE 1 PROPOSED - SECTION 3
SCALE 1:50



MEENREAGH BRIDGE 1 PROPOSED - SECTION 1
SCALE 1:25



MEENREAGH BRIDGE 1 PROPOSED - SECTION 2
SCALE 1:50

TABLE 1.1 : REPOINTING GUIDANCE

1. PREPARATORY WORKS — ALL BRIDGE SURFACES:
JET WASH ALL EXPOSED SURFACES INCLUDING ABUTMENTS, PIERS, PARAPET WALLS, BRIDGE SOFFIT AND DECK TO REMOVE LOOSE FILL AND FRIABLE MATERIAL. WIRE BRUSH ALL SURFACES WHERE DIRECTED BY ENGINEER PRIOR TO REPOINTING. DE-VEGETATE ALL MASONRY SURFACES IN PREPARATION FOR REPOINTING WORKS.
2. REPOINTING — BELOW HIGH FLOOD LEVEL:
REPOINT WITH NHL5 HYDRAULIC LIME MORTAR WITH "PROMPT" ADDITIVE FROM BASE OF BRIDGE TO HIGH FLOOD LEVEL (SEE LEVEL NOTED ON DRAWING). ALL REPOINTED SURFACES BELOW HIGH FLOOD LEVEL TO BE COVERED WITH HEMP AND PINNED BACK TO WALL TO PROTECT FRESH POINTING FROM RIVER FLOW WASHOUT.
3. REPOINTING — ABOVE HIGH FLOOD LEVEL:
REPOINT WITH NHL5 HYDRAULIC LIME MORTAR FROM HIGH FLOOD LEVEL TO TOP OF PARAPET.

NOTES:

1. ALL DIMENSIONS IN METERS UNLESS OTHERWISE NOTED.
2. ALL COORDINATES ARE IN METERS AND RELATE TO ITM (IRISH TRANSVERSE MERCATOR) UNLESS OTHERWISE NOTED.
3. ALL LEVELS IN METERS ARE RELATIVE TO ORDNANCE DATUM MALIN HEAD (OSGM15).
4. DO NOT SCALE FROM DRAWINGS, USE FIGURED DIMENSIONS ONLY.
5. ALL DIMENSIONS SHALL BE CONFIRMED ON SITE.
6. DRAWINGS ARE FOR THE PURPOSES OUTLINED IN THE TITLE BOX ONLY.
7. DRAWINGS ARE BASED ON SITE SURVEY INFORMATION RECEIVED FROM KGS ON 22/10/2025.
8. SITE LOCATION REFERENCE:
MEENREAGH BRIDGE 2 LOCATION: X= 614079 Y= 886724 (ITM)
9. CONTRACTOR TO ALLOW FOR THE REMOVAL OF ALL DEBRIS FROM THE RIVER BED WITHIN THE FOOTPRINT OF THE BRIDGE INCLUDING 5M UP AND 5M DOWNSTREAM.
10. CONTRACTOR TO ALLOW FOR THE DEMOLITION OF THE EXISTING STRUCTURE TO FACILITATE CONSTRUCTION OF THE PROPOSED WORKS.
11. JET WASH BRIDGE ABUTMENTS TO REMOVE LOOSE FILL AND FRIABLE MATERIAL. WIRE BRUSH WHERE REQUIRED. DE-VEGETATE IN PREPARATION FOR CONSTRUCTION OF CONCRETE PLINTHS AND NEW BRIDGE DECK.

LEGEND:

- PROJECT BOUNDARY
- RIVER FLOW DIRECTION
- RIVER
- PROPOSED BEARING PAD (CONCRETE GRADE C35/45)
- PROPOSED DECK & PARAPETS (CONCRETE GRADE C40/50)
- PROPOSED RUBBING STRIPS (CONCRETE GRADE C30/37)
- OVERHEAD TELEPHONE WIRES
- TELEPHONE POST
- TIMBER POST AND WIRE MESH FENCING
- RED-WHITE ROAD NARROWING DEFINITION POST AS PER TII CC-SCD-01204
- EXISTING GROUND
- SERVICE DUCTS

TENDER

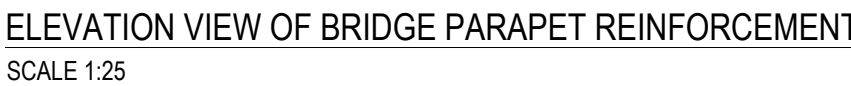
DATE	REV	BY	CHK	DESCRIPTION
02/07/26	TN01	AOG	JL	TENDER ISSUE
11/06/26	DR01	AOG	JL	DRAFT ISSUE

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PROJECT TITLE: BRIDGE REHABILITATION WORKS	DATE: JUNE 2025
AT: MEENREAGH, KILLYGORDON CO. DONEGAL	DRAWING NUMBER: 1105
CLIENT: DONEGAL COUNTY COUNCIL	SCALE: AS SHOWN @A1
JOB NUMBER: 25076	DRAWING BY: AOG
DRAWING TITLE: MEENREAGH BRIDGE 1 PROPOSED SITE LAYOUT WITH SECTIONS	CHECKED BY: JL
	REVISION: TN01



1. ALL DIMENSIONS IN METERS UNLESS OTHERWISE NOTED.
2. ALL COORDINATES ARE IN METERS AND RELATE TO ITM (IRISH TRANSVERSE MERCATOR) UNLESS OTHERWISE NOTED.
3. ALL LEVELS IN METERS ARE RELATIVE TO ORDNANCE DATUM MALIN HEAD (OSGM02).
4. DO NOT SCALE FROM DRAWINGS. USE FIGURED DIMENSIONS ONLY.
5. ALL DIMENSIONS SHALL BE CONFIRMED ON SITE.
6. DRAWINGS ARE FOR THE PURPOSES OUTLINED IN THE TITLE BOX ONLY.
7. DRAWINGS ARE BASED ON SITE SURVEY INFORMATION RECEIVED FROM KGSS ON 22/11/2025.
8. SITE LOCATION REFERENCE:
MEENREAIGH BRIDGE 2 LOCATION: E = 6140079 Y = 886724 (ITM)

02/07/26	TN01	RM	JL	TENDER ISSUE
11/06/26	DR01	RM	JL	DRAFT ISSUE
DATE	REV	BY	CHK	DESCRIPTION

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PROJECT TITLE: BRIDGE REHABILITATION WORKS		DATE: JUNE 2026	
DRAWING NUMBER: 1202			
CLIENT: DONEGAL COUNTY COUNCIL		SCALE: AS SHOWN @ A1	
JOB NUMBER: 25076			
DRAWING TITLE: MEENREAGH BRIDGE 2 DECK AND PARAPETS R.C. DRAWING		REVISION: TN01	
CHECKED BY: JL			