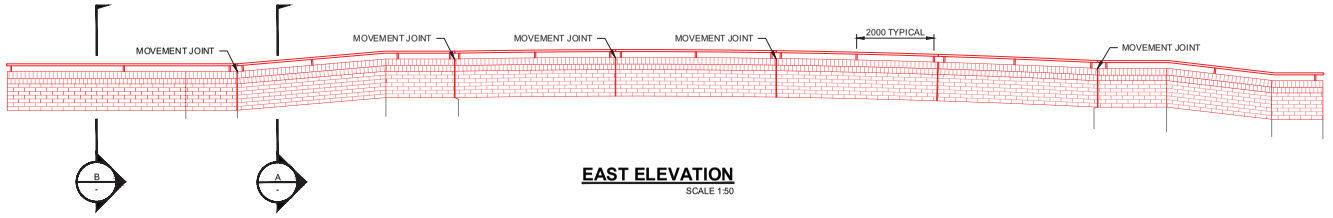
File ref - \\ukcrd1fp001\ukcrd1fp001-v1\projects\structures - lohac nw – structures 4\03 execution\h501 botwell bridge ext\8 cad\6 - detailed design\60486237-h501-dwg-0402.dwg

Rev: A

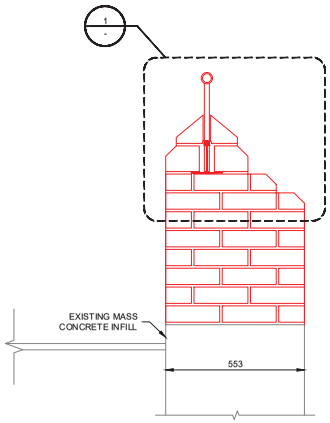
Drawing Number: 60486237-H501-DWG-0402



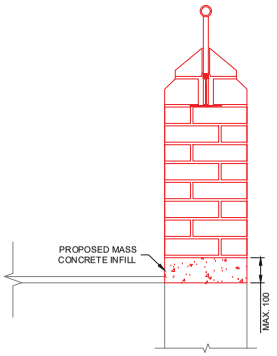
EAST ELEVATION
SCALE 1:50

PLAN
SCALE 1:50

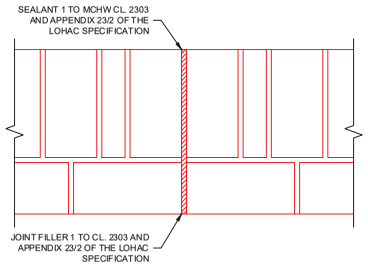
SOP	Easting (m)	Northing (m)
SOP1	509785.912	179578.650
SOP2	509787.484	179581.839
SOP3	509787.936	179582.757
SOP4	509789.246	179585.413
SOP5	509789.852	179586.643
SOP6	509792.681	179592.384
SOP7	509795.510	179598.125
SOP8	509796.116	179599.354
SOP9	509797.042	179601.232
SOP10	509797.493	179602.147



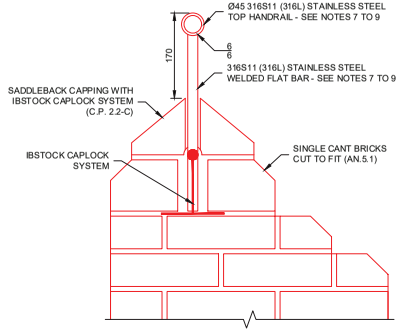
A | SECTION THROUGH WALL
SCALE: 1:10



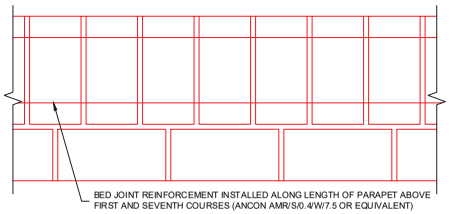
B | SECTION THROUGH WALL AT GABION
SCALE: 1:10



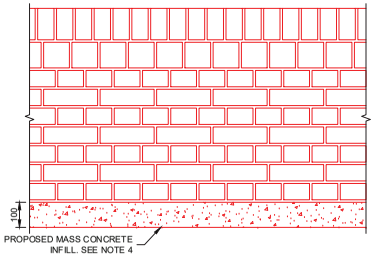
PLAN ON MOVEMENT JOINT
SCALE 1:5



1 | CAPLOCK DETAIL (TYPICAL)
SCALE: 1:5



PLAN ON PARAPET REINFORCEMENT
SCALE 1:5



ELEVATION ON PARAPET ATOP NEW MASS CONCRETE
SCALE 1:10

NOTES

1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS ARE IN mm UNLESS SPECIFIED OTHERWISE
3. PARAPET REMOVAL IN ACCORDANCE WITH SITE CLEARANCE DRAWINGS TBC.
4. MORTAR DESIGNATION (I) M4 PORTLAND CEMENT BASED MORTAR IN ACCORDANCE WITH CL. 2404 AND APPENDIX 24/1 OF THE LOHAC SPECIFICATION. MORTAR PROFILE TO BE WEATHER STRUCK PROFILE.
5. ENGINEERING BRICKS TO BE RED STAFFORDSHIRE GEORGIAN F2 S2 CLASS B ENGINEERING BRICKS IN ACCORDANCE WITH CL. 2406 AND APPENDIX 24/1 OF THE LOHAC SPECIFICATION.
6. MASS CONCRETE INFILL BELOW PARAPET TO BE ST5 STANDARD MIX CONCRETE (C20/25) S2 SLUMP IN ACCORDANCE WITH BS 8500-2. SURFACE FINISH TO BE CLASS F1/U1 IN ACCORDANCE WITH CL. 1708.4 OF THE LOHAC SPECIFICATION.
7. DETAILS OF THE FLAT BAR AND TOP RAIL HANDRAIL PROFILE TO BE DEVELOPED BY FABRICATOR IN ACCORDANCE WITH BS8300-1:2018 AND SUBMITTED TO SERVICE MANAGER FOR APPROVAL.
8. STAINLESS STEEL ELEMENTS TO BE 316S11 GRADE (316L) IN ACCORDANCE WITH BS EN 10088-3:2014.
9. TOP RAIL TO RESIST LOADING IN ACCORDANCE TO PD 1317-6:2012 AND PD CEN-TR 16949:2016 WITH MINIMUM HORIZONTAL LOAD TO BE 1KN/m IN ACCORDANCE TO BS EN 1991-2:2003 CL. 4.8 NOTE (2)

LEGEND

EXISTING STRUCTURE

PROPOSED BOARDWALK STRUCTURE

Safety, Health and Environmental Information

Notes below are additional to hazards/risks normally associated with this type of work. Numbers correspond to Risk Register references Pre-Construction Information: 60486237-H501-PCI-001-A

Construction

CO1 Existing bridge footway has limited live load capacity (5 kN/m²). Crane loads and heavy equipment to be prohibited from this area.

CO3 Buried services present in close proximity to existing bridge parapet.

Operations & Maintenance
No risk identified

Dismantling / Demolition (Future)

CO1 Existing bridge footway has limited live load capacity (5 kN/m²). Crane loads and heavy equipment to be prohibited from this area.

CO3 Buried services present in close proximity to existing bridge parapet.

Refer to general notes and the Principal Contractor for more information about the risks associated with this work.

Indicates residual risk warning, based on the use of experienced and competent contractors carrying out works using appoved safe methods of working

NOT FOR CONSTRUCTION

Rev				
A	ISSUED FOR DETAILED DESIGN	DC	JSG	22/11/19
Rev	Revision details	Chkd	Appd	Date

Drawn:	DT	Preliminary	
Design:	AC	For comment	✓
Chkd:	DC	For tender	
Appd:	JSG	For construction	
Date:	NOV 2019	As constructed	
		Other	

LONDON HIGHWAYS ALLIANCE

CONWAY AECOM

Project Name
BOTWELL BRIDGE WIDENING

Drawing Title
MASONRY PARAPET DETAILS

Original Drawing Size : A1	Dimensions : mm
Scale : AS SHOWN	Copyright © ConwayAecom

Drawing No: 60486237-H501-DWG-0402 | Rev: A

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