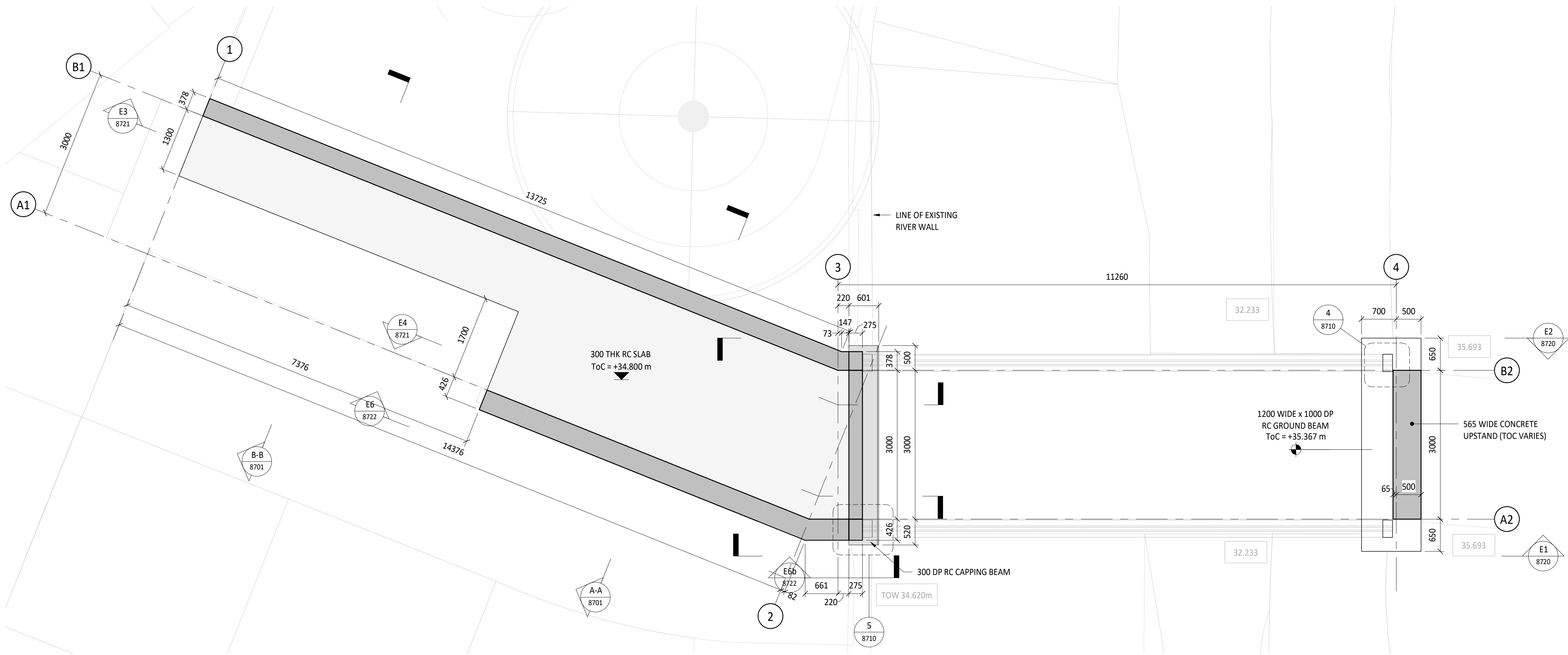
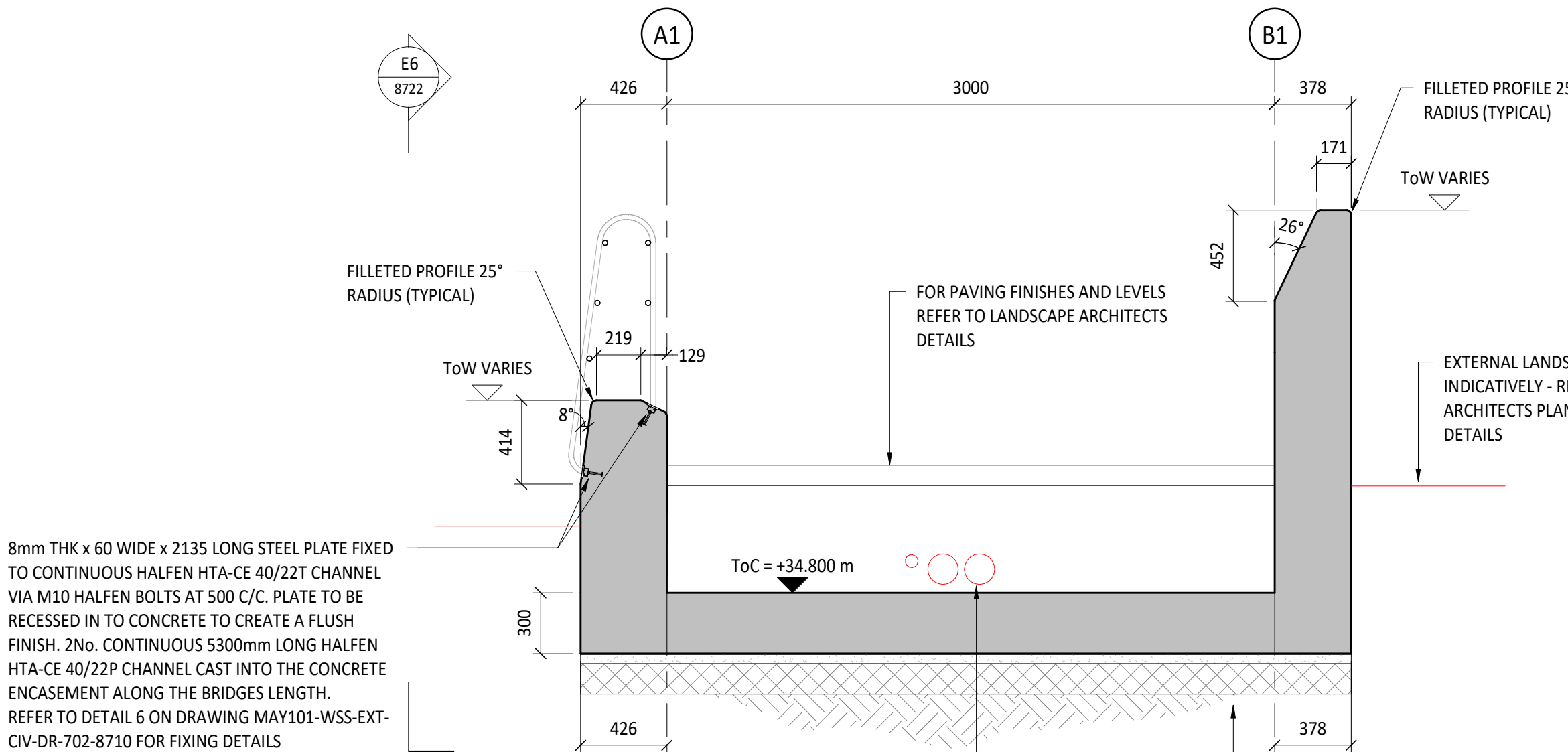




CAPPING BEAM AND LANDING GA

SCALE: 1:50 @ A1



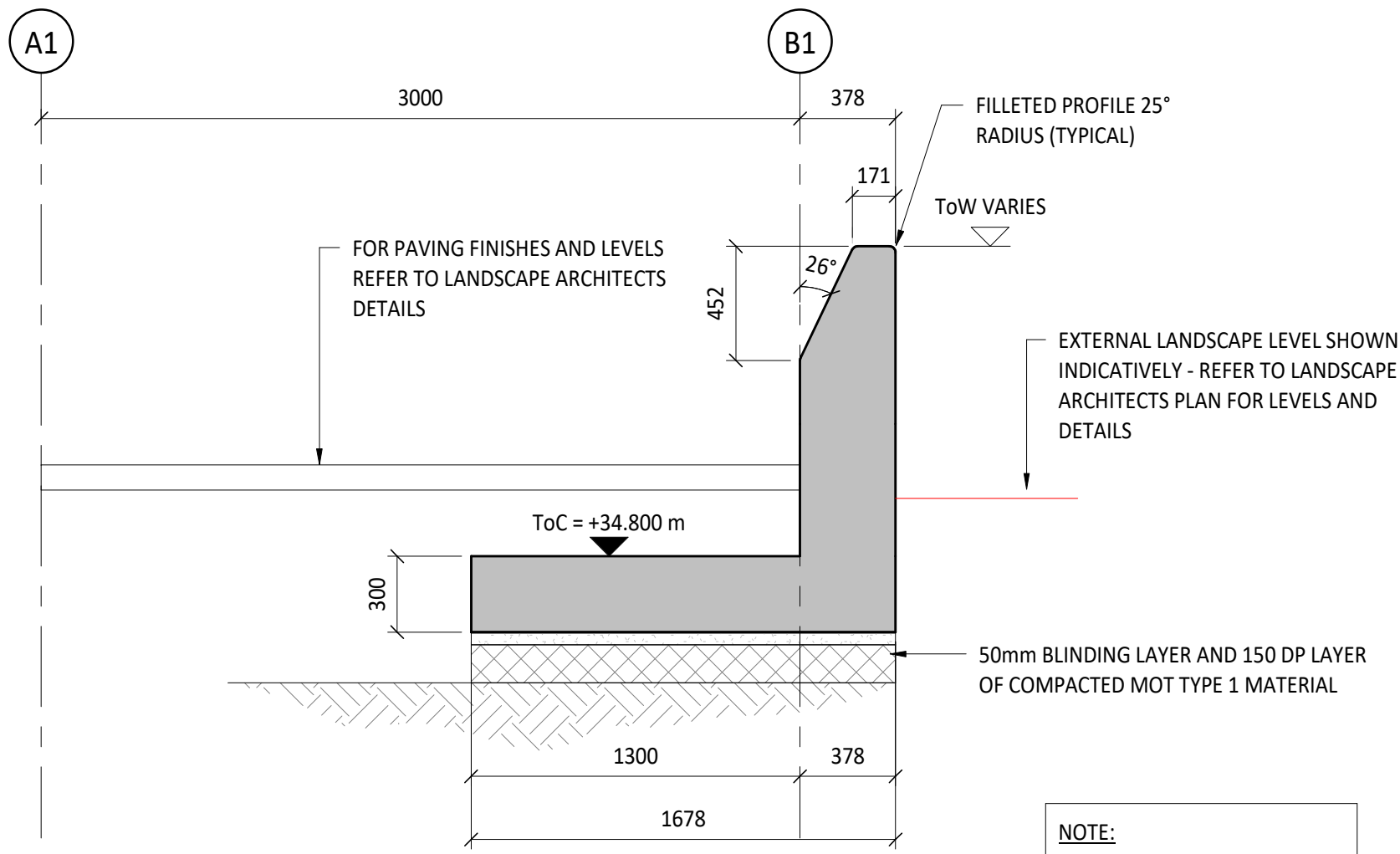
8mm THK x 60 WIDE x 2135 LONG STEEL PLATE FIXED TO CONTINUOUS HALFEN HTA-CE 40/22T CHANNEL VIA M10 HALFEN BOLTS AT 500 C/C. PLATE TO BE RECESSED IN TO CONCRETE TO CREATE A FLUSH FINISH. 2No. CONTINUOUS 5300mm LONG HALFEN HTA-CE 40/22P CHANNEL CAST INTO THE CONCRETE ENCASEMENT ALONG THE BRIDGES LENGTH. REFER TO DETAIL 6 ON DRAWING MAY101-WSS-EXT-CIV-DR-702-8710 FOR FIXING DETAILS

NOTE:
ALLOW FOR EXISTING GROUND COMPACTION TO ACHIEVE A MINIMUM BEARING CAPACITY OF 50kN/m²

PPOC TO CARRY OUT PLATE BEARING TESTS TO CONFIRM

SECTION A-A

SCALE: 1:25 @ A1



NOTE:
ALLOW FOR EXISTING GROUND COMPACTION TO ACHIEVE A MINIMUM BEARING CAPACITY OF 50kN/m²

PPOC TO CARRY OUT PLATE BEARING TESTS TO CONFIRM

SECTION B-B

SCALE: 1:25 @ A1

ADDITIONAL GENERAL NOTES

FOR REINFORCEMENT DETAILS REFER TO CIVIC ENGINEERS REBAR DETAILING DRAWINGS

- DESIGNED CONCRETE SPECIFICATION ALL CONCRETE ELEMENTS:
- 70mm NOMINAL COVER
 - THE CONCRETE SHALL BE PRODUCED IN ACCORDANCE WITH BS8500-2.
 - COMPRESSIVE STRENGTH CLASS C40/50
 - MAXIMUM WATER / CEMENT RATION 0.45
 - MINIMUM CEMENT / COMBINATION CONTENT 360 kg/m³
 - CEMENT TYPE C111A+SR (GGBS CONTENT 40% AS PER LANDSCAPE ARCHITECT'S REQUIREMENTS)
 - MAXIMUM AGGREGATE SIZE 20mm
 - AGGREGATES FREEZE THAW RESISTING
 - CHLORIDE CONTENT CLASS CL 0.30
 - CONSISTENCE CLASS S3
 - DC CLASS - DC2

- SPECIFICATION FOR TREATMENT OF REBAR BALUSTRADE AND CONTINUOUS STEEL FIXING PLATE SURFACE PREPARATION:
- THOROUGHLY WASH DOWN ALL THE BARS AND PLATE, THEN DRY THOROUGHLY.
 - PREPARE THE SURFACE BY BLAST CLEANING TO SA.3 (BS EN ISO 8501.1) WITH A MEDIUM SURFACE PROFILE.
 - ENSURE ALL AREAS TO BE PAINTED ARE SOUND, CLEAN AND DRY.

- COATS:
- 1st: SHERWIN WILLIAMS TG110 HA/P2 25µm
 - 2nd: SHERWIN WILLIAMS C123 HA/P2 400µm
 - 3rd: SHERWIN WILLIAMS C137V2 HAP 50µm

COLOUR TO LANDSCAPE ARCHITECT'S SPECIFICATION

- CONTRACTOR TO ENSURE THAT FORSOC THIOFLEX 600 IS NOT TO ENTER THE WATERCOURSE DURING THE CURING PROCESS.
- CONTRACTOR TO ENSURE THAT NO GROUT / CONCRETE / DEBRIS IS TO LEACH / FALL INTO THE RIVER DURING CONSTRUCTION WORKS.
- CONTRACTOR TO ENSURE THAT A TEMPORARY BALUSTRADE (MIN 1.15m) ABOVE DECK LEVEL) IS PROVIDED DURING THE CONSTRUCTION WORKS.

Standard Notes

1. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and the specifications.
2. This drawing should not be scaled.
3. All dimensions are to be verified by the contractor on site.
4. All discrepancies should be reported to C.A. prior to the commencement of works.

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Notes and Keys

GENERAL NOTES

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

ALL LEVELS ARE IN METRES UNLESS STATED OTHERWISE. PROPOSED LEVELS WERE TAKEN FROM GILLESPIES DRAWING P20567-00-001-GIL-0101-00 UNLESS STATED OTHERWISE.

ALL SETTING OUT TO BE APPROVED BY GILLESPIES PRIOR TO FABRICATION AND / OR CONSTRUCTION.

DIMENSIONS AND SETTING OUT OF EXISTING RIVER WALLS ARE BASED ON EXISTING SURVEY INFORMATION. CONTRACTOR TO CHECK AND CONFIRM DIMENSIONS AND SETTING OUT PRIOR TO FABRICATION / CONSTRUCTION. THE DESIGN TEAM MUST BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION / FABRICATION.

ALL EARTHWORKS TO BE UNDERTAKEN IN ACCORDANCE WITH SPECIFICATION FOR HIGHWAY WORKS UNLESS STATED OTHERWISE.

FURTHER GROUND INVESTIGATION IS REQUIRED LOCAL TO PROPOSED DETAILING WALLS TO VALIDATE DESIGN PROPOSALS.

LOADING

CROWD / PEDESTRIAN LIVE LOAD: 5.0kN/m² (CS 454, cl. 5.32, BS EN 1991-2:2003).

VEHICULAR LIVE LOADS: 5.504kN AXLE LOAD (CLUB CAR CARRYALL 700 ONLY, EXCLUDING TRAILER. VEHICULAR IMPACT LOADS ON EDGE CONTAINMENT: 75kN AT 450mm HEIGHT (BS EN 1991-2:2003, CL. 4.7.3.2, BS EN 1991-1-1:2002, BS EN 1991-1-7:2006).

FINISHES

FOR VISUAL CONCRETE FINISH REFER TO THE FOLLOWING SEW SPECIFICATIONS:

- VISUAL CONCRETE FINISH SPECIFICATION REV.B - PART 1 - FORMED CONCRETE FINISHES MAYFIELD PARK OCT 8 EDIT 2020.
- VISUAL CONCRETE FINISH SPECIFICATION REV.B PART 2 - WORKED CONCRETE FINISHES PART 2 HARDSCAPE - MAYFIELD PARK OCT 12 EDIT 2020.

CONCRETE DECK TO RECEIVE THE FOLLOWING FINISH:

- STONE CARPET WITH EXPOSED AGGREGATE (8mm DEPTH) AND COMBED FINISH. NON-SLIP FINISH REQUIRED, FOR SLIP RESISTANCE AND DETAILED SPECIFICATION REFER TO SEW DRAWING 0345-SEW-ZZ-ZZ-DR-1-003404.

CONCRETE UPSTAND TO RECEIVE THE FOLLOWING FINISH:

- EXPOSED AGGREGATE FINISH TO VERTICAL FACE AND SMOOTH FINISH TO THE TOP SURFACE. BURIED SECTIONS DO NOT REQUIRE ARCHITECTURAL CONCRETE FINISH.

EXISTING CAST IRON BEAMS TO BE CLEANED AND INSPECTED ON AN ANNUAL BASIS AS PER CS 450 REQUIREMENTS. ASSUMED CORROSION RATE OF 0.1mm / YEAR (IN LINE WITH SCI 138) TO BE MEASURED AND MONITORED.

FOR REINFORCEMENT DETAILS REFER TO DRAWING MAY101-WSS-EXT-CIV-DR-7060-8742

01.10.21	S04.1	ISSUED FOR 2nd APPROVAL	PMe	TL
10.09.21	S04	ISSUED FOR APPROVAL	PMe	TL
Date	Rev	Description	Drawn	Chkd



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Project
MAYFIELD PARK

Title
BRIDGE 3 - CAPPING BEAM / LANDING GA

Status
FOR APPROVAL

Project Number	Scale @ A1	Date Created	Drawn	Checked	Suitability
1076-13	VARIES	JUN 21	PMe	TL	-

Drawing Number	Revision
MAY101-WSS-EXT-CIV-DR-7060-8701	S04.1