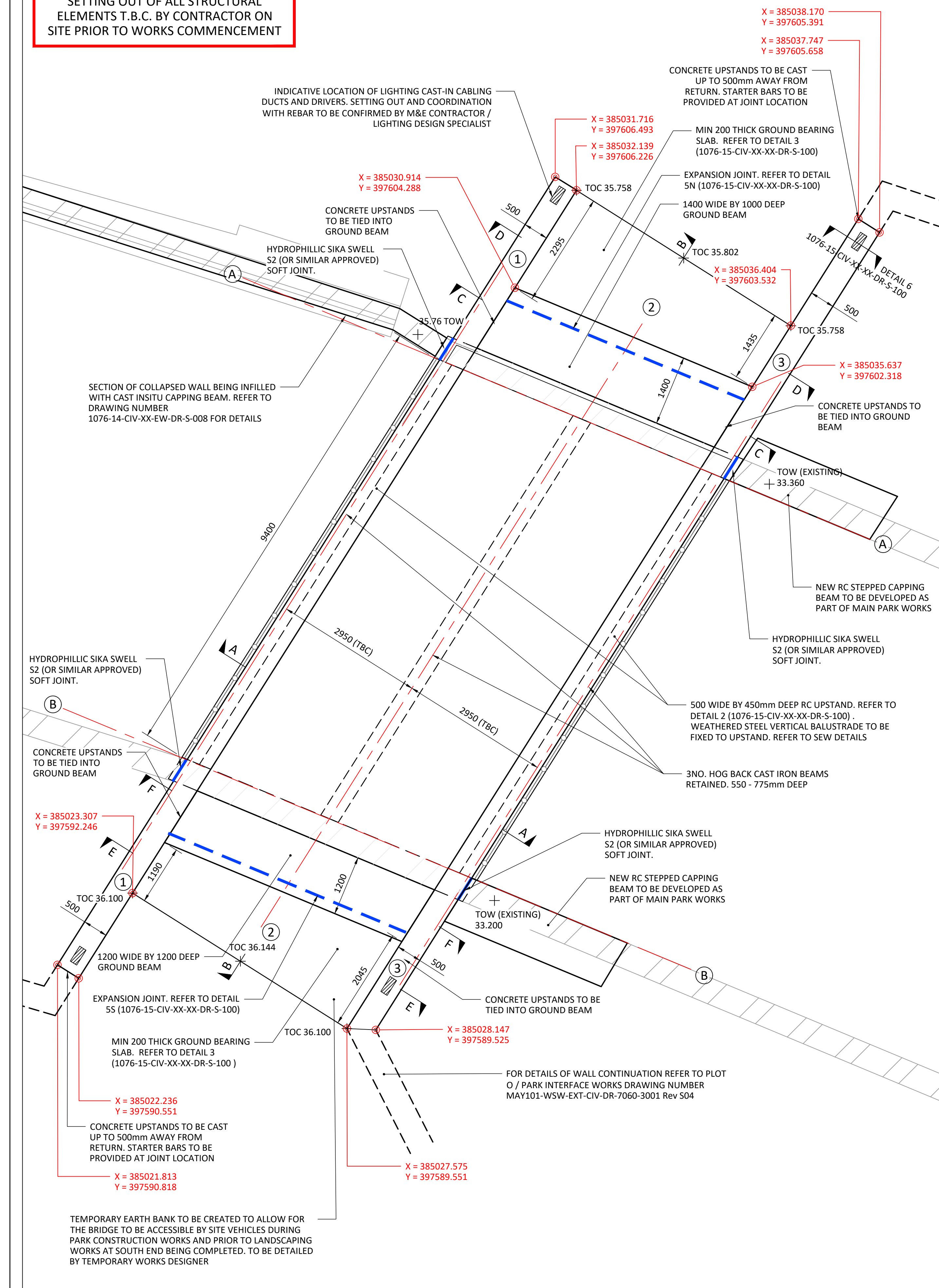


SETTING OUT OF ALL STRUCTURAL
ELEMENTS T.B.C. BY CONTRACTOR ON
SITE PRIOR TO WORKS COMMENCEMENT



HIGHER LEVEL
SCALE - 1:50

DESIGNED CONCRETE SPECIFICATION

(55 mm NOMINAL COVER)

THE CONCRETE SHALL BE PRODUCED IN ACCORDANCE WITH BS8500-2.

COMPRESSIVE STRENGTH CLASS

MAXIMUM WATER/CEMENT RATIO

MINIMUM CEMENT/COMBINATION CONTENT

ALLOWABLE CEMENT/COMBINATIONS TYPES

MAXIMUM AGGREGATE SIZE

AGGREGATES

CHLORIDE CONTENT CLASS
CONSISTENCY CLASS

CONSISTENCE CLASS

C40/50

0.45

360 KG/M3

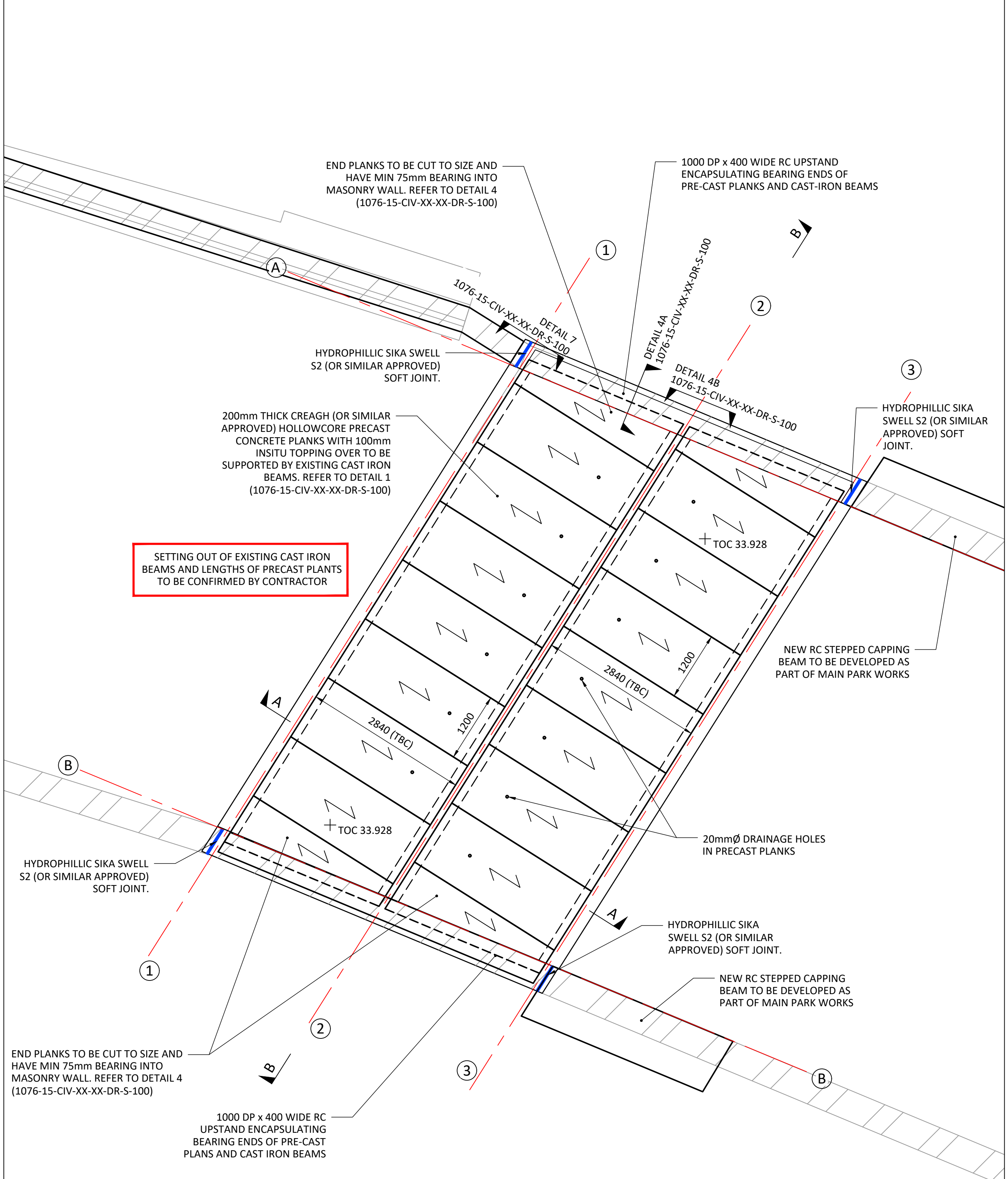
IIIA IIIA+SR (MIN GGBS CONTENT 40% AS PER LANDSCAPE ARCHITECTS REQUIREMENT)

20 m

FREEZE THAW RESISTING

CL 0,30

S3



SETTING OUT OF EXISTING CAST IRON
BEAMS AND LENGTHS OF PRECAST PLANTS
TO BE CONFIRMED BY CONTRACTOR

LOWER LEVEL
SCALE - 1:50

- | | |
|---|---|
|  | 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 CONSTRUCTION WORKS |

Standard Notes

1. This drawing is to be read in conjunction with all relevant Architect's and Engineer's drawings and the specification.
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 the C.A. prior to the commencement of the works.

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Notes and Keys

- 1) ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE
- 2) EXISTING INFORMATION IS TAKEN FROM MALCOLM HUGHES TOPOGRAPHICAL SURVEY DATED AUGUST 2017 COMBINED WITH PP O CONNOR SURVEY FILE "RIVER WALL NW AREA TPO 2-8-21"
- 3) DIMENSIONS OF EXISTING FEATURES ARE BASED ON SURVEY INFORMATION, CONTRACTOR TO CHECK AND CONFIRM DIMENSIONS OF EXISTING STRUCTURES PRIOR TO FABRICATION AND / OR CONSTRUCTION
- 4) FOOTPATH LEVELS ARE BASED ON SAW DRAWING NUMBER 0345-SEW-ZZ-00-DR-L-007110
- 5) ALL EARTHWORKS TO BE UNDERTAKEN IN ACCORDANCE WITH SPECIFICATION FOR HIGHWAY WORKS UNLESS STATED OTHERWISE
- 6) FOR SECTIONS REFER TO DRAWING NUMBER 1076-15-CIV-XX-DR-S-202
- 7) FOR ELEVATIONS REFER TO DRAWING NUMBER 1076-15-CIV-XX-DR-S-203
- 8) FOR DETAILS REFER TO DRAWING NUMBER 1076-15-CIV-XX-DR-S-100
- 9) FOR VISUAL CONCRETE FINISH REFER TO THE FOLLOWING SPECIFICATIONS:
 - VISUAL CONCRETE FINISH SPECIFICATION REV. B - PART 1 - FORMED CONCRETE FINISHES MAYFIELD PARK OCT 8 2020
 - VISUAL CONCRETE FINISH SPECIFICATION REV. B PART 2 - WORKED CONCRETE FINISHES, PART 2 HARDCAPE - MAYFIELD PARK OCT 12 2020
- CONCRETE DECK TO RECEIVE THE FOLLOWING FINISH:
STONE CARBED WITH EXPOSED AGGREGATE (8MM DEPTH) AND COMBED FINISH, NON-SUP FINISH REQUIRED. FOR SLIP RESISTANCE AND DETAILED SPECIFICATION REFER TO SEW DRAINAGE 0345-SEW-ZZ-00-DR-L-003213,
0345-SEW-ZZ-00-DR-L-007110, 0345-SEW-ZZ-DR-DR-L-003403 AND 0345-SEW-ZZ-DR-L-003404.
- CONCRETE UPSTANDS 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
- 10) THE CONDITION OF EXISTING CAST IRON BEAMS TO BE FURTHER ASSESSED UPON COMPLETION OF STRIPPING OUT WORKS
- 11) EXISTING CAST IRON BEAMS TO BE CLEANED AND INSPECTED ON AN ANNUAL BASIS PER CS 450 REQUIREMENTS. ASSUMED CORROSION RATE OF 0.1MM / YEAR (IN LINE WITH SC1 138) TO BE MEASURED AND MONITORED
- 12) FOR REINFORCEMENT DETAILS REFER TO CIVIC ENGINEERS REBAR DETAILING DRAWINGS
- 13) WATERPROOF COATING TO CONCRETE DECK TO BE CONFIRMED FOLLOWING COORDINATION WITH LANDSCAPE ARCHITECT

LOADING

CROWD / PEDESTRIAN LIVE LOAD: 5.0KN/M²
(CS 454, CL. 5.32, BS EN 1991-2:2003)

VEHICULAR LIVE LOADS: 21KN AXLE LOAD (3T VEHICLE - TYPE O) (CS 454 TABLE 7.3.1.A, BS EN 1991-2:2003)

VEHICULAR IMPACT LOADS ON EDGE CONTAINMENT: 150KN @ 450MM HEIGHT (BS EN 1991-2:2003, CL. 4.7.3.2, BS EN 1991-1-1:2002, BS EN 1991-1-7:2006)

19.05.21	C04	CONCRETE SPEC AMENDED	TS	T
28.04.21	C03	AMENDMENTS TO ANNOTATION	TS	T
14.04.21	C02	AMENDMENTS TO GROUND BEAM AND GROUND BEARING SLAB. ADJACENT WALL ANNOTATION UPDATED	TS	T
09.04.21	C01	GROUND BEAM DESIGN AMENDED VARIOUS ANNOTATION AMENDMENTS SETTING OUT COORDINATES ADDED	TS	T
26.03.21	P01	INITIAL ISSUE FOR INFORMATION AND APPROVAL	TS	T
Date	Rev	Description	Drawn	Ch



MANCHESTER Carver's Warehouse, 77 Dale Street, Manchester, M1 2HG. Tel: 0161 228 67
LONDON Reeds Wharf, 33 Mill Street, London SE1 2AX. Tel: 020 7253 2977
LEEDS Tower Works, Unit 02-01, Globe Road, Leeds, LS11 5QG. Tel: 0113 2025 130
GLASGOW Gresham Chambers, 45 West Nile St, Glasgow, G1 2PT. Tel: 0141 370 1829

Project

MAYFIELD PARK WORKS
CULVERT BRIDGE

Title	PROPOSED GENERAL ARRANGEMENT
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Status	CONSTRUCTION
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Project Number	Scale @ A1	Date Created	Drawn	Checked	Suitability
1076-15	1:50	25.03.21	TS	TL	-
Drawing Number					Revision
1076-15-CIV-XX-XX-DR-S-002					CO