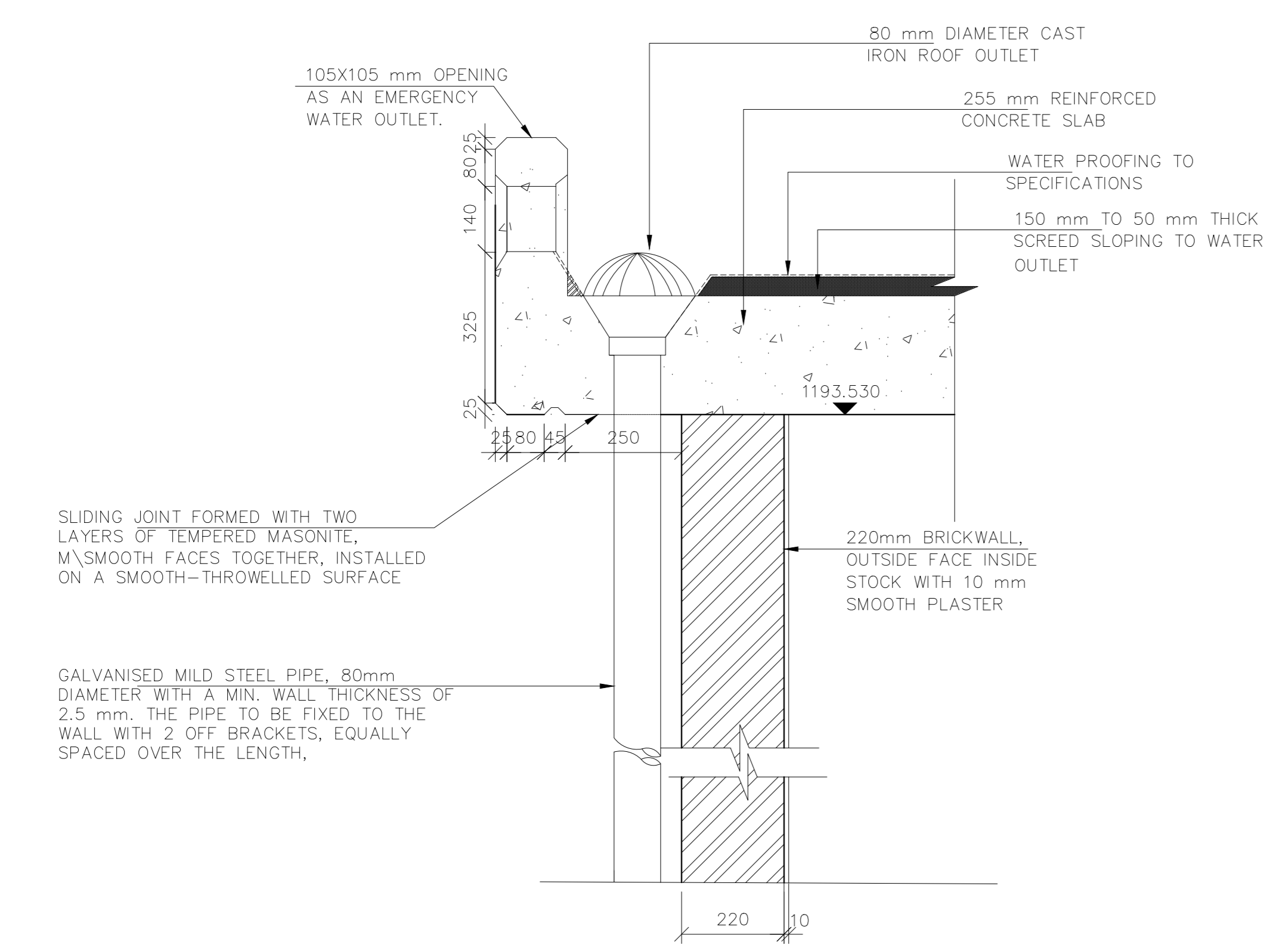


NOTES (GENERAL)

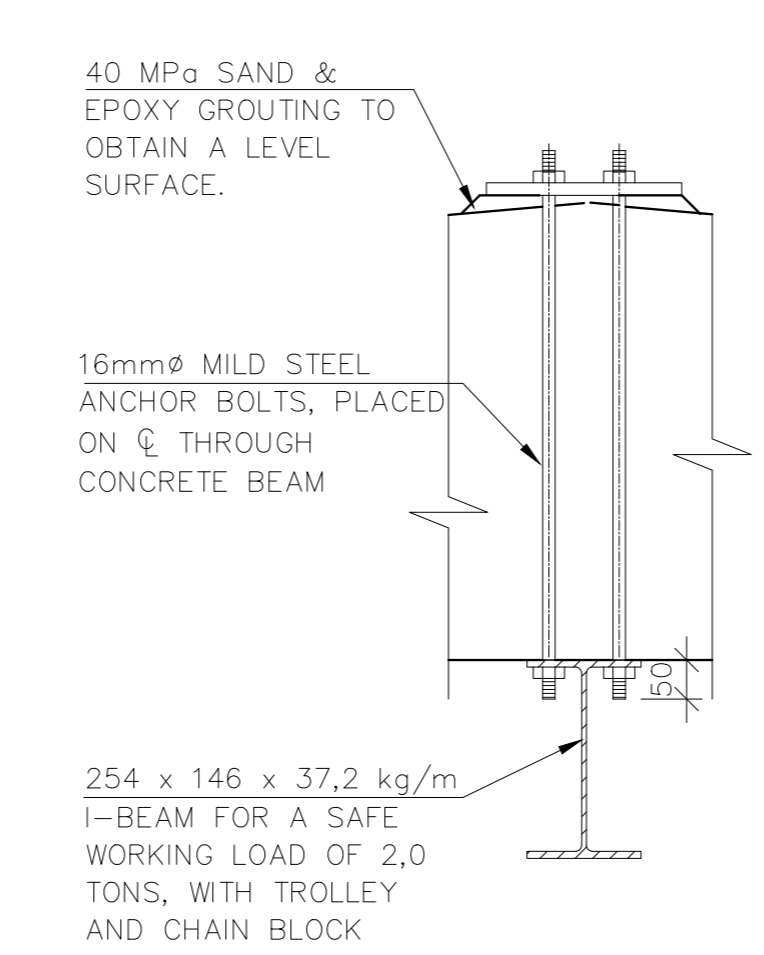
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND CONTRACT SPECIFICATIONS. ANY DISCREPANCIES TO BE BROUGHT TO ENGINEER'S ATTENTION PRIOR TO IMPLEMENTATION OF ANY WORK.
2. CONTRACTOR TO KEEP A FULL SET OF DRAWINGS ON SITE.
3. CONTRACTOR IS RESPONSIBLE FOR CORRECT SETTING OUT OF BUILDINGS ON SITE WITH PARTICULAR INTEREST TO BOUNDARIES AND BUILDING LINES.
4. CONTRACTOR TO VERIFY ALL LEVELS AND DIMENSIONS ON SITE.
5. SCALING OF DRAWINGS IS NOT PERMITTED, FIGURED DIMENSIONS ONLY TO BE USED.
6. LARGE SCALE DETAILS TO BE USED WHERE AVAILABLE.
7. CONTRACTOR TO IDENTIFY AND EXPOSE ALL UNDER GROUND SERVICES ON SITE WHERE RELEVANT.
8. CONSTRUCTION IS TO BE IN ACCORDANCE WITH ALL RELEVANT DRAWINGS, CONTRACT SPECIFICATIONS OR SANS 1200.
9. SHOULD THE ENGINEER BE REQUIRED ON SITE, 24 HOURS NOTICE IS REQUESTED.

SEWER NOTES

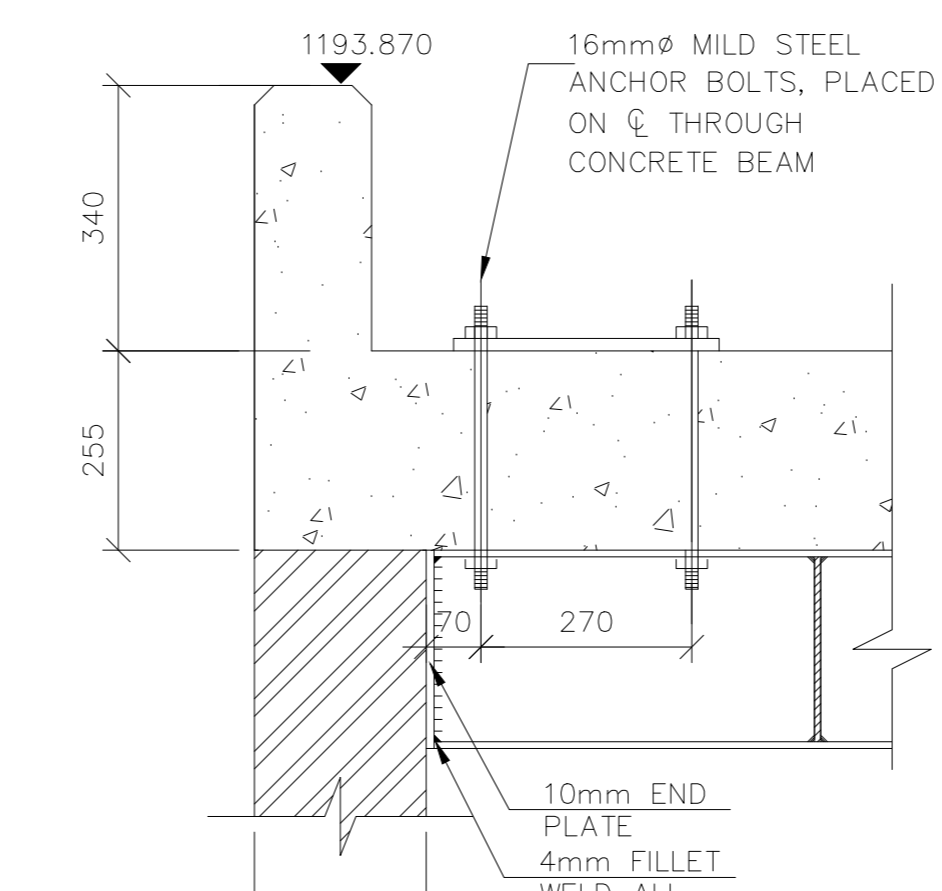
1. ALL SEWER PIPES AND INVERTS ARE POSITIONED ACCORDING TO AVAILABLE SURVEY INFORMATION AND MAY REQUIRE ADJUSTMENT AS INSTRUCTED BY THE ENGINEER TO SUIT CONDITIONS ON SITE.
2. NATURAL GROUND CONTOURS AT 500mm INTERVALS.
3. ALL LEVELS GIVEN IN METERS ABOVE SEA LEVEL.
4. THE INVERT LEVEL OF THE EXISTING SEWER CONNECTION SHALL BE CHECKED TO BE CORRECT BEFORE CONSTRUCTION COMMENCES. CONFIRMATION OF LEVEL SHALL BE FORWARDED TO THE ENGINEER IN WRITING.
5. MANHOLES SHALL BE COORDINATED.
6. ALL NEW RECTIFICATION PIPES ARE 150mm DIAMETER HDPE TYPE PE 100 PN10 TO SANS 4427.
7. ALL PIPES TO BE JOINTED USING BUTT-WELDED JOINTS TO SANS 10268-1 OR ELECTRO-FUSION WELDING TO SANS 10268-2 WHERE THE FORMER IS NOT POSSIBLE.
8. ALL INTERNAL BURRS (WELDING BEADS) TO BE REMOVED AFTER WELDING.
9. SURFACE MOUNTED PIPES TO BE uPVC CLASS 34 HEAVY DUTY SPIGOT AND SOCKET WITH INTEGRAL RUBBER RING JOINTS TO SANS 751 UNLESS OTHERWISE INDICATED.
10. ALL PIPES TO BE BEDDED IN FLEXIBLE PIPE BEDDING AS PER DWG 315/C/SL/SD01 UNLESS OTHERWISE SHOWN. BEDDING TO BE COMPACTED TO 93% MOD AASHTO.
11. PIPE TRENCHES TO BE BACKFILLED IN 150mm LAYERS AND COMPACTED TO 93% MOD AASHTO.
12. PERMISSIBLE TOLERANCES SHALL COMPLY WITH SANS 1200D.
13. THE MINIMUM DEPTH OF COVER FOR THE SEWER MAIN SHALL BE 600mm IN SERVITUDES AND 1000mm IN ROAD RESERVES.
14. PRE-MANUFACTURED HDPE MANHOLES TO BE USED AND MATERIAL TO CONFORM TO HDPE TYPE PE100 TO SANS 4427 UNLESS OTHERWISE SHOWN.
15. HDPE PIPES TO BE WELDED TO MANHOLES AS PER DETAIL XXX ON DWG 315/C/SL/SD01. CONNECTIONS SHALL BE FLEXIBLE AND WATERTIGHT.
16. THE CONTRACTOR SHALL REQUEST THE FOLLOWING INSPECTIONS AND OBTAIN WRITTEN ACCEPTANCE FROM THE ENGINEER:
 - a. AFTER COMPLETION OF EXCAVATIONS
 - b. AFTER LAYING OF THE SEWER PIPE ON THE PRESCRIBED BEDDING BUT BEFORE PLACEMENT OF ANY BLANKET MATERIAL. PRESSURE TEST AS PER SANS 1200D (Clause 7.2) SHALL BE EXECUTED DURING THIS INSPECTION AND THE AIR TEST SHALL ALSO BE EXECUTED AS PER SANS 1200D (Clause 7.2.1).
 - c. ALL DE-BURRED JOINTS TO BE CAMERA INSPECTED.
 - d. AFTER COMPLETION OF MAIN BACKFILLING, MANHOLES, INSPECTION MANHOLES AND ANY OTHER OUTSTANDING WORK.



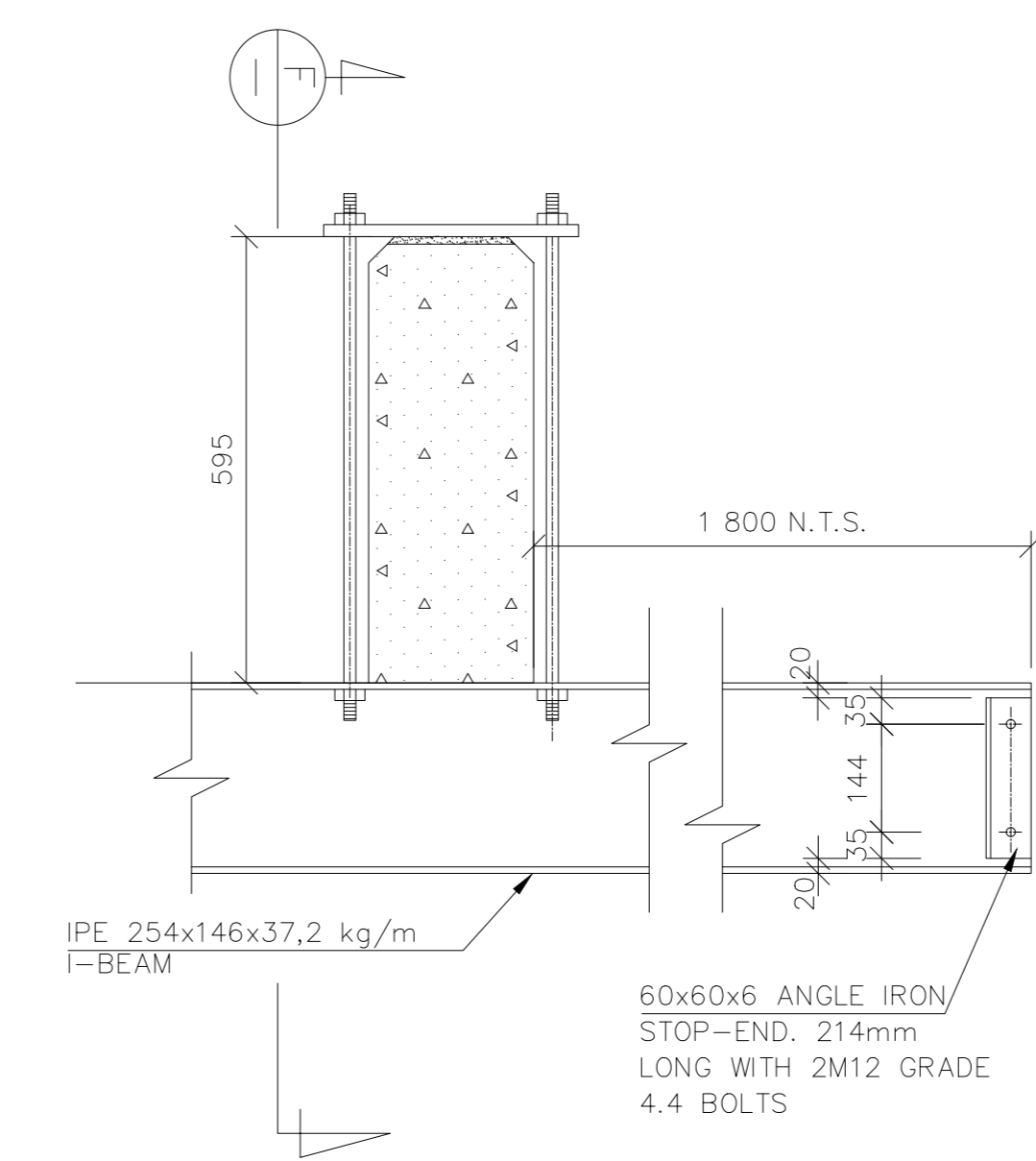
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03/04



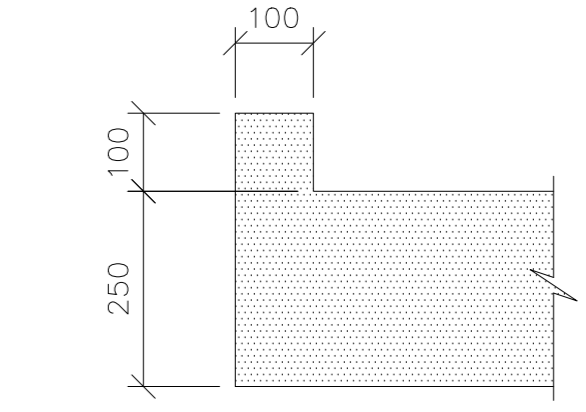
SECTION F
SCALE 1:10
03/04



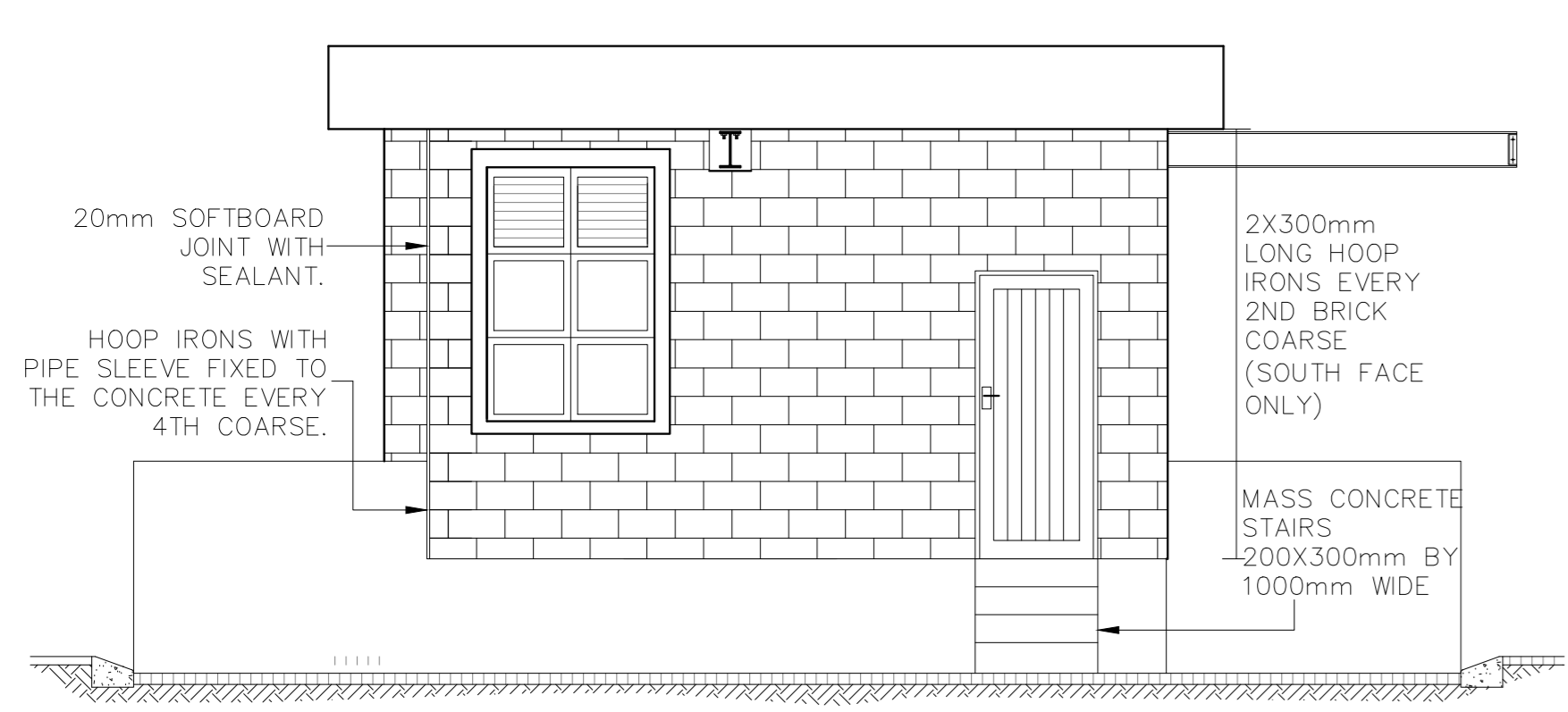
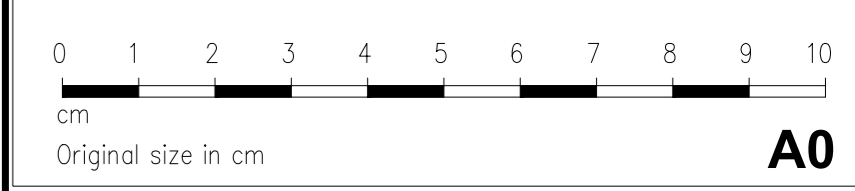
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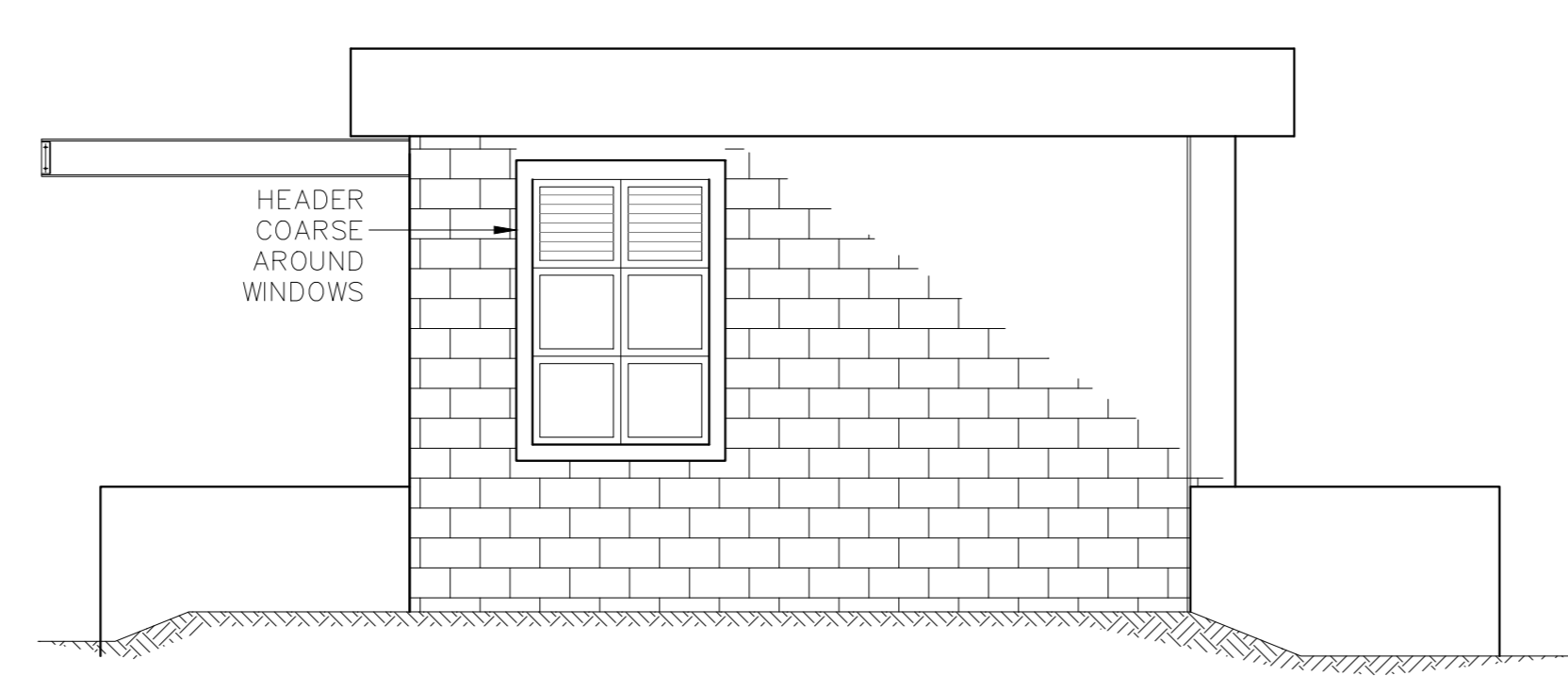
DETAIL 3
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03/04



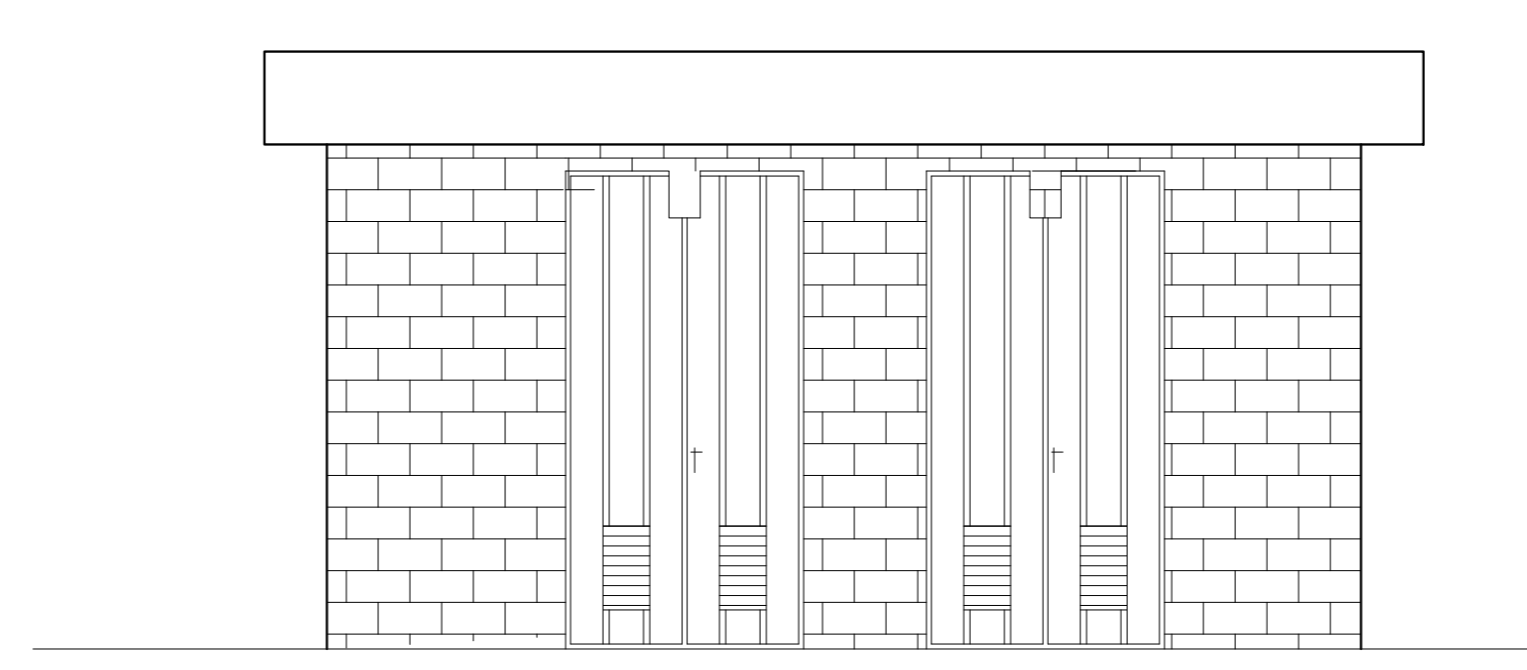
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03/04



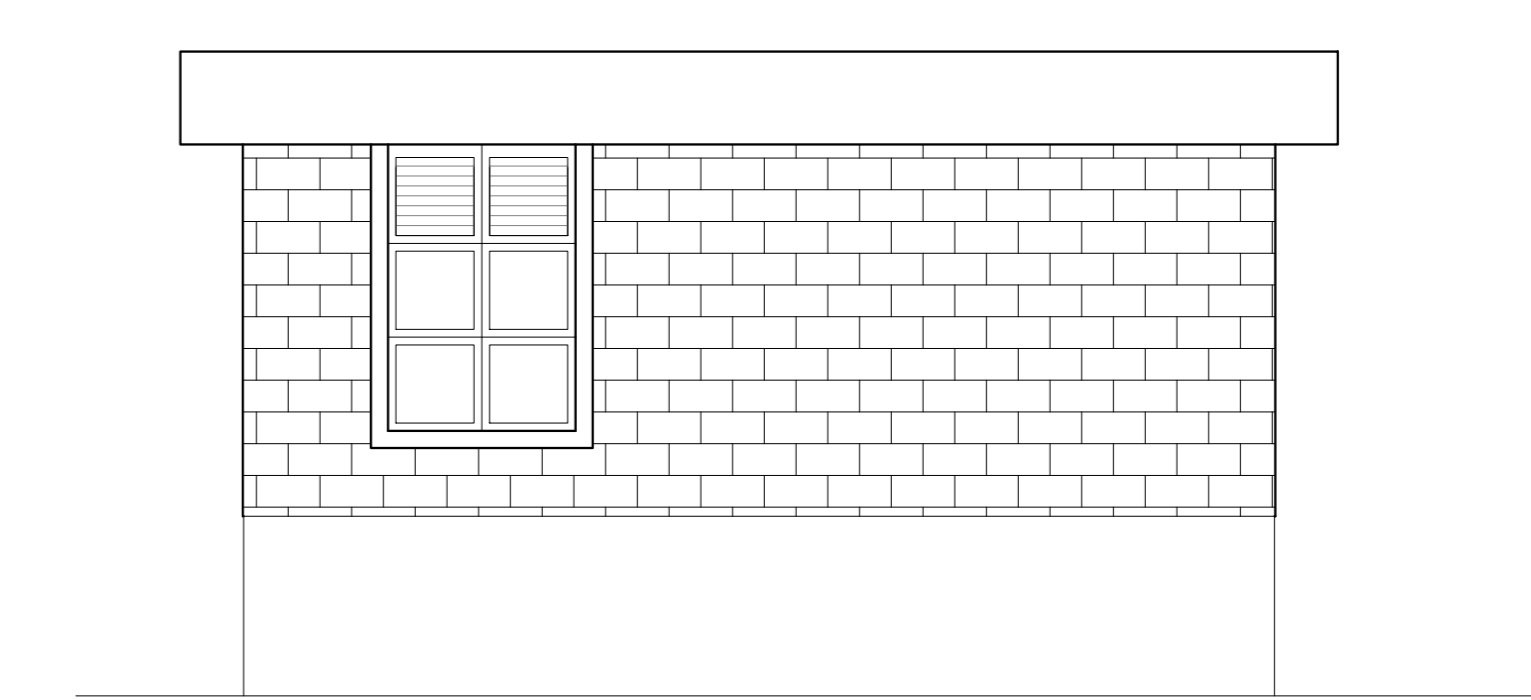
EAST ELEVATION
SCALE 1:50



WEST ELEVATION
SCALE 1:50



NORTH ELEVATION
SCALE 1:50



SOUTH ELEVATION
SCALE 1:50

NO.	DATE	ISSUED FOR TENDER	REVISION DESCRIPTION	BY

DWG. No. ASSOCIATED DRAWING DESCRIPTION

Department

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Discipline
CIVIL

Service
**UPGRADES & URGENT
 REFURBISHMENT AT ROOIWAL WWTP
 PHASE 1**

Drawing Title
**PRIMARY SLUDGE PUMP STATION,
 ELEVATIONS AND DETAILS (SHEET 2 OF
 3)**

Ref. No.		Designed	AM
Scale	AS SHOWN	Drawn	AM
Date	JULY 2024	Checked	HS

Type Number
PRELIMINARY

Drawing Number
RWWT/S/SPSP/017 REV 0

Revision Number
0

FOR TENDER