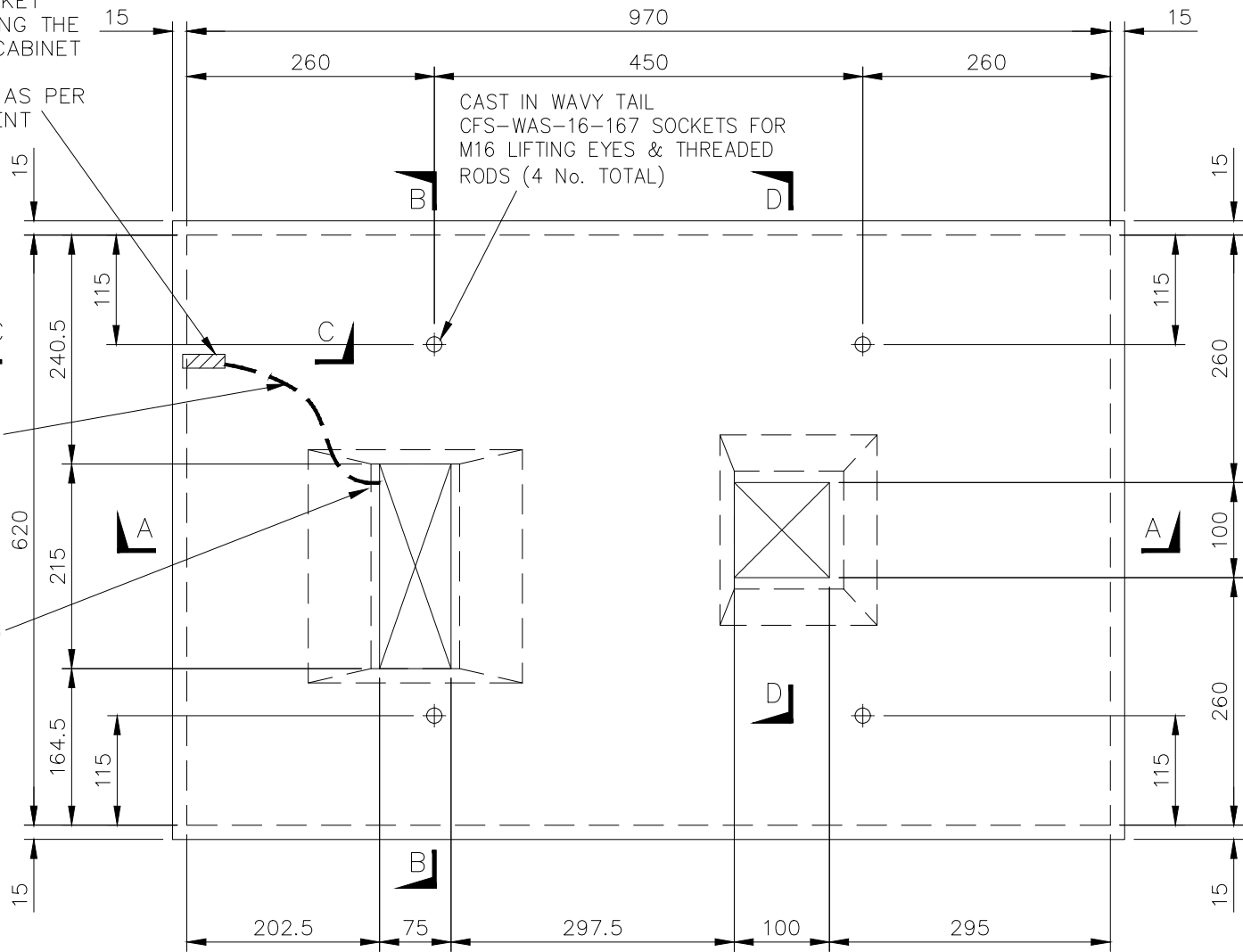


CAST IN M10 BZP SOCKET FOR M10 BOLT SECURING THE EARTH WIRE TO LINK CABINET BASE TO CONDUCTIVE CONCRETE. INSTALLED AS PER ISIS EARTHING DOCUMENT

CAST IN 16mm² COPPER EARTHING CABLE CONNECTED BETWEEN SOCKETS

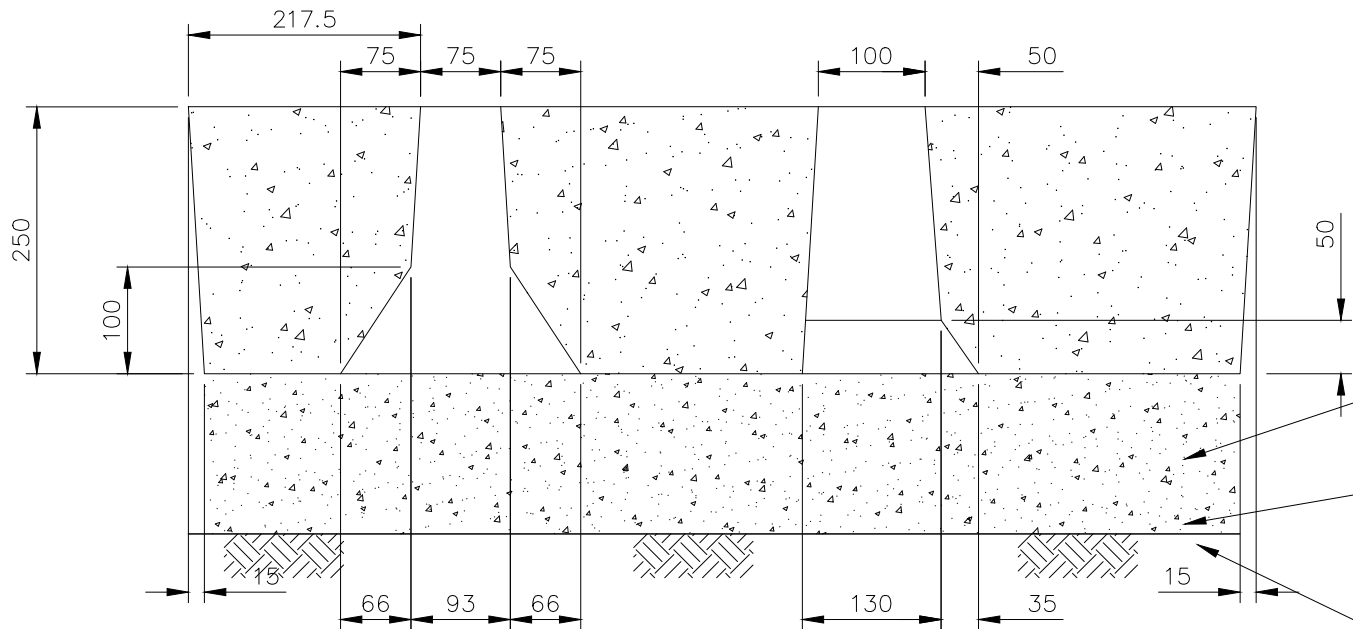
EARTHING CABLE TO EXTEND 500mm ABOVE SURFACE

CAST IN WAVY TAIL CFS-WAS-16-167 SOCKETS FOR M16 LIFTING EYES & THREADED RODS (4 No. TOTAL)



PLAN GENERAL ARRANGEMENT

(REFER TO ISIS EPT/ANS/A055 – FTTC EARTHING MANUAL).



SECTION A-A

CONDUCTIVE CONCRETE STRUCTURE UNDER PLINTH – REFER TO NOTE 10

BASE TO BE BEDDED ON CONDUCTIVE CONCRETE. THICKNESS AS PER MANUFACTURERS SPECIFICATION.

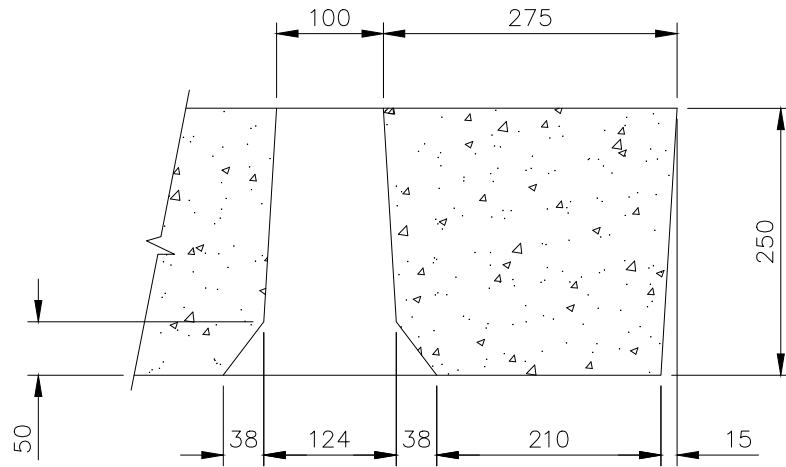
ANY SOFT SPOTS IN FORMATION TO BE REMOVED AND REPLACED WITH CONDUCTIVE CONCRETE AS REQUIRED ON SITE.

10mm BOLT & WASHER FOR SECURING EXTERNAL EARTH CABLE

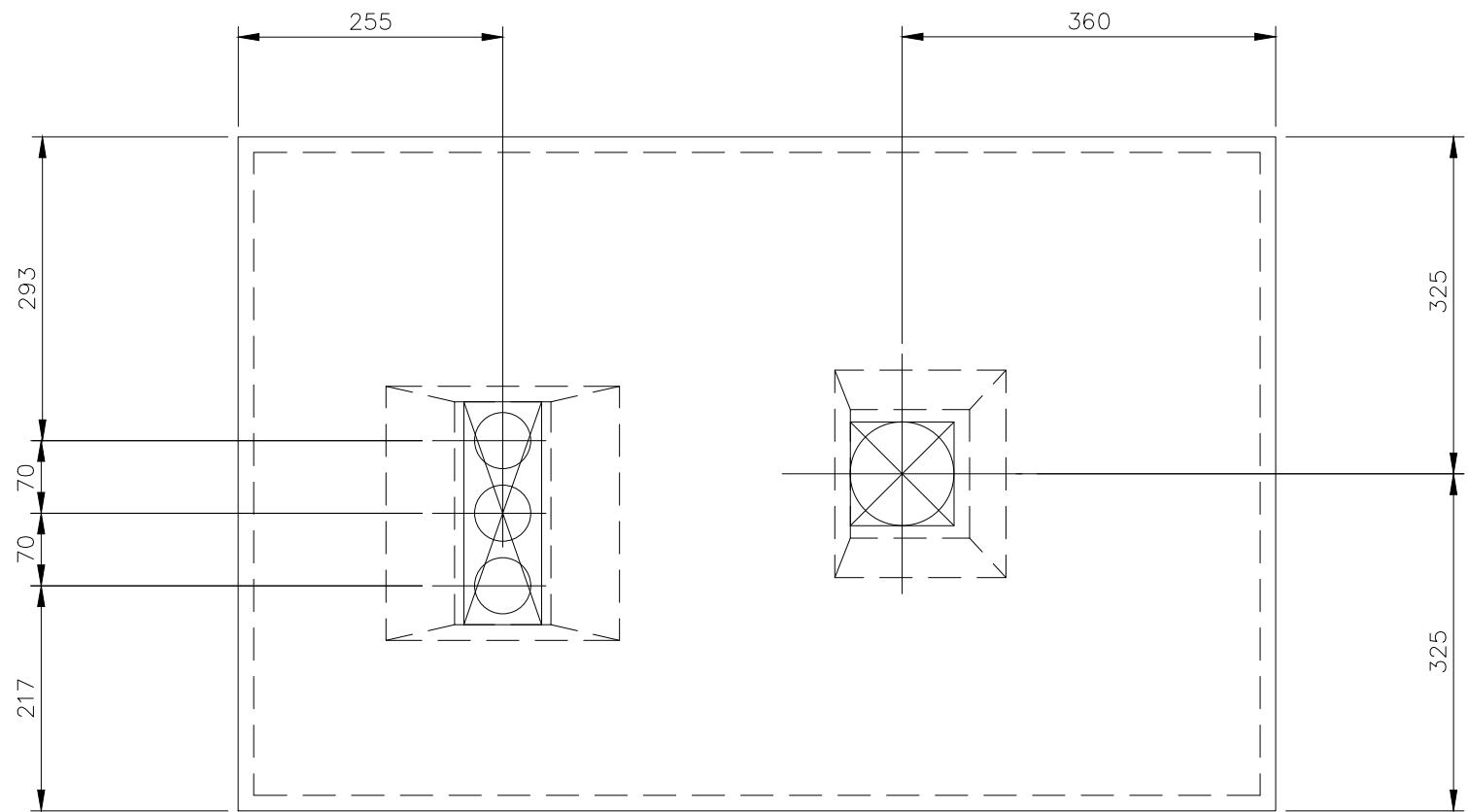
EARTH CABLE TO CONDUCTIVE CONCRETE

CAST IN M10 BZP SOCKET FOR M10 BOLT SECURING THE 16mm² COPPER EARTHING CABLE

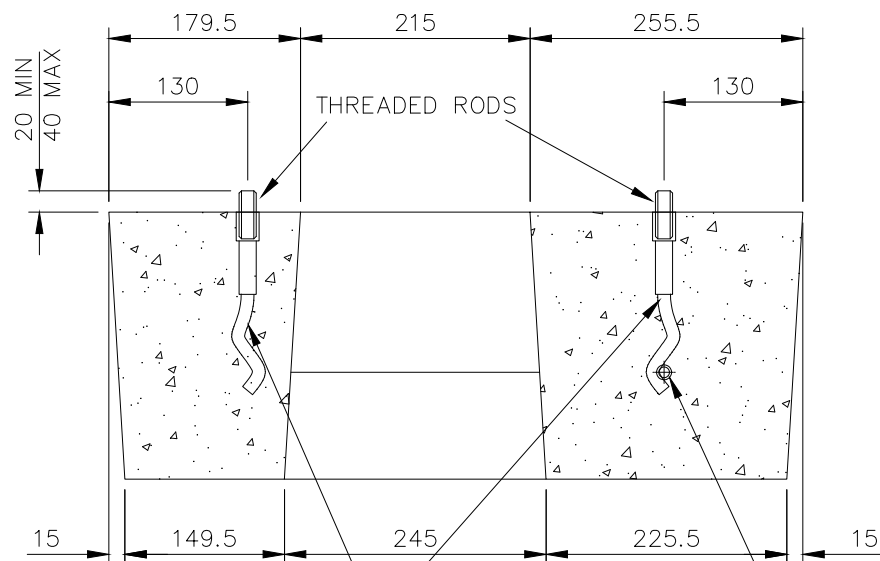
SECTION C-C



SECTION D-D



DUCT SETTING OUT



SECTION B-B

4 No. CAST IN WAVY TAIL CFS-WAS-16-167 SOCKETS FOR M16 LIFTING EYES FOR LIFTING THE PRECAST BASE (SELF WEIGHT APPROX 530Kg). AFTER LIFTING M16 GRADE 4.6 THREADED RODS ARE TO REPLACE THE LIFTING EYES FOR BOLTING DOWN THE ROOT.

CAST IN SOCKET FOR EARTHING CABLE

NOTES

- FOR TYPICAL DETAILS SEE DRAWING CN15647 SHEETS 02 – 06.
- ALL DIMENSIONS IN MILLIMETRES
- ALL EXISTING SERVICE POSITIONS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR PRIOR TO STARTING THE WORKS.
- ALL ACCEPTED SAFE DIGGING PRACTICES AND METHODS OF WORKING ARE TO BE EMPLOYED DURING THE INSTALLATION OF THE STRUCTURE.
- ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SHW) AND ALL SUBSEQUENT AMENDMENTS.
- ALL BACKFILL MATERIALS TO BE CLASS 6N TYPE.
- CONTRACTOR TO PROVIDE A GENERAL ARRANGEMENT DRAWING SHOWING THE POSITION OF THE STRUCTURE IN RELATION TO THE HIGHWAY AND ITS FEATURES.
8. ALL DUCTS TO BE USED FOR ELECTRICAL SUPPLY, TO BE LAID AT 450mm DoC TO FOLLOW NJUG RECOMMENDATIONS.
- ALL DUCTS TO BE USED FOR ELECTRICAL SUPPLY TO BE EITHER BLACK OR RED TO FOLLOW NJUG RECOMMENDATIONS. PREFERENCE AS PER LOCAL POWER SUPPLIER REQUIREMENTS.
- CONDUCTIVE CONCRETE TO BE INSTALLED AND A READING OF NO GREATER THAN 20 OHMS OBTAINED, PRIOR TO INSTALLATION OF CABINET PLINTH. (REFER TO ISIS EPT/ANS/A055 – FTTC EARTHING MANUAL).
- WHEN LOCATING, ENSURE 1.0 METRE CLEAR SPACE FOR POWER DOOR OPENING.
- PLINTH SURFACE TO BE LEVEL IN BOTH WIDTH AND LENGTH.

DIMENSIONS IN mm UNLESS OTHERWISE STATED

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DO NOT SCALE

ORIGINAL SCALE 1:5 1:10

A1 A2	DRN TPS(CONTRACTOR) CKD DC	ANY MODIFICATION TO THE DRAWING OR THE USE OF ALTERNATIVE ITEMS TO THOSE SPECIFIED MUST BE AGREED WITH THE DESIGNER.	MATERIAL	CAB AMENDED TO INCLUDE CONDUCTIVE CONCRETE	F	FTTC 96 CABINET PRE-CAST CONCRETE PLINTH ON CONDUCTIVE CONCRETE		REFERENCES SPEC LN550							
	CERTIFICATION DESIGNER DC														
	CLIENT CARILLION TELENT														
DATE 03/11/2010			RS 05/11/20					AMENDMENT		ISSUE	OPENREACH	BEA 3	CN 15647	SHT 5 OF 9	