

45° MORTAR CHAMFER TO BE INSTALLED FROM THE OUTSIDE EDGE OF THE UPPER PLINTH TO THE CABINET ROOT.

1 N° DUCT TEE 56/56 AND
2 N° D36 DUCT FOR EARTH ROD/S

2 N° D36A DUCTS FOR ELECTRICAL SUPPLY. THESE ARE TO BE INSTALLED TO POINT TOWARDS THE PROPOSED SUPPLY POINT WITH A HOCKEY STICK BEND AND EXTENDED BEYOND THE FOOTPRINT OF THE BASE.

TOP PLINTH
850x500x200 THK

BOTTOM PLINTH
1000x650x250 THK

U BARS ANGLED AS
REQUIRED TO AVOID
DUCTS

4 x BOLTS FOUNDATION
INDENTED N° 1 BOLTS
5/8" B.S.W OR 16mm
DIA.

FOUNDATION PLAN VIEW

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

1 N° 54A DUCT

DUCT TEE 56/56
FOR EARTH ROD/S

EARTH ROD/S TO PROJECT MIN.
45mm ABOVE DUCT

U BARS ANGLED AS
REQUIRED TO AVOID
DUCTS

OUTLINE OF HUAWEI CABINET:
800mm X 450mm

6 No. 10mmØ U BARS
CAST INTO BOTTOM PLINTH
PROJECTING INTO SECOND
PLINTH

EARTH LINK TO
CONDUCTIVE
CONCRETE

450 Min.
SEE NOTE 10

SECTION B-B

2 N° D36A DUCTS FOR ELECTRICAL SUPPLY. THESE ARE TO BE INSTALLED TO POINT TOWARDS THE PROPOSED SUPPLY POINT WITH A HOCKEY STICK BEND AND EXTENDED BEYOND THE FOOTPRINT OF THE BASE.

THREADED ROD/S TO PROTRUDE
MIN. 45mm ABOVE DUCT, IF
THREAD NEEDS TO BE REMOVED,
45mm MIN. ROD/S STILL TO BE
ABOVE DUCT TO FACILITATE
CLAMP.

1 N° 54A DUCT

CONC. BASE AND BOT. OF CAB TO
BE CLEANED PRIOR TO POURING IN
RESIN PACK 6B OR 6C. RESIN TO
BE MIN. 20mm THK.

CABINET SHELL TO BE BEDDED ON
CEMENT MORTAR. MORTAR TO BE
CHAMFERED INTERNALLY/EXTERNALLY
AND NEATLY FINISHED. MORTAR TO
TO BE CONTINUOUS UNDER
PERIMETER FLANGE OF SHELL.

TOP PLINTH
850x500x200 THK

BOTTOM PLINTH
1000x650x250 THK

CONC. BASE GRADE C32/40

CONDUCTIVE CONCRETE STRUCTURE
UNDER PLINTH - REFER TO NOTE 12

BASE TO BE CAST 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.

CABINET SHELL

45° MORTAR CHAMFER
(SEE NOTE 14)

PLACE COMPOUND 16A
AROUND BOLT PRIOR TO
APPLYING RESIN

FLANGE OF
CABINET

CABINET SHELL TO BE BEDDED ON
CEMENT MORTAR. MORTAR TO BE
CHAMFERED INTERNALLY/EXTERNALLY
AND NEATLY FINISHED. MORTAR TO
TO BE CONTINUOUS UNDER
PERIMETER FLANGE OF SHELL.

BOLTS FOUNDATION
INDENTED N° 1 BOLTS
5/8" B.S.W OR 16mm
DIA.

METHOD OF FIXING CABINET TO CONCRETE FOUNDATION

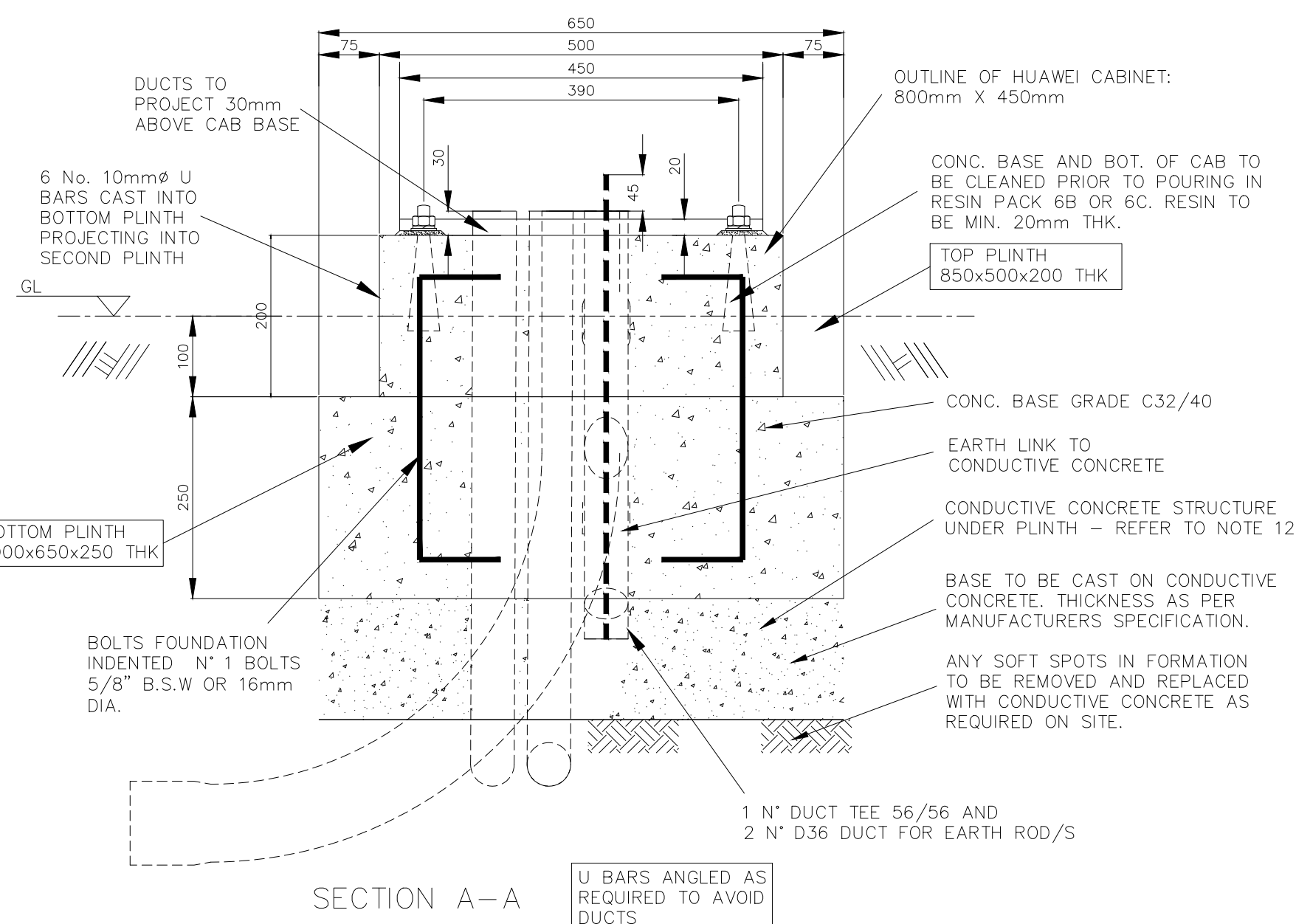
CONC. BASE AND BOT. OF CAB TO
BE CLEANED PRIOR TO POURING IN
RESIN PACK 6B OR 6C. RESIN TO
BE MIN. 20mm THK.

CONC. BASE

U BAR DETAIL (6No. REQUIRED)

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, DOCUMENTATION AND SPECIFICATIONS RELATING TO THIS TYPE OF STRUCTURE.
- WORKMANSHIP, MATERIALS AND METHOD OF CONSTRUCTION ARE TO COMPLY WITH ALL CURRENT RELEVANT CONTRACT DOCUMENTS, BRITISH STANDARDS, AND CODES OF PRACTICE (RELEVANT TO THE CONSTRUCTION INDUSTRY) AND ACCEPTED CONSTRUCTION PRACTICE.
- ALL EXISTING SERVICES POSITIONS ARE TO BE VERIFIED ON SITE BY THE CONTRACTOR PRIOR TO STARTING THE WORKS.
- ALL ACCEPTED SAFE DIGGING PRACTICES AND SAFE METHODS OF WORKING ARE TO BE EMPLOYED DURING THE INSTALLATION OF THE STRUCTURE.
- CONCRETE TO BE GRADE C32/40 WITH A WATER CEMENT RATIO 0.4. MIN. CEMENT CONTENT 380kg/m³. AGGREGATE MAX. SIZE 20mm. ALL IN ACCORDANCE WITH BS8500.
- ALL WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SHW) 1998 AND ALL SUBSEQUENT AMENDMENTS.
- ALL BACKFILL MATERIAL IS 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.
- CONCRETE TESTING TO BE UNDERTAKEN IN ACCORDANCE WITH BT SPECIFICATION.
- ALL DUCTS TO BE USED FOR ELECTRICAL SUPPLY, TO BE LAID AT 450mm DOC TO FOLLOW NJUG RECOMMENDATIONS.
- PRE-INSTALL 16mm² EARTH WIRE PRIOR TO LAYING CONCRETE BASE. COIL UP 1m EXCESS AT EACH END. THE FLATNESS OF THE PLINTH SURFACE AREA TO TOLERANCE ±5mm. NO HIGH OR LOW SPOTS.
- CONDUCTIVE CONCRETE TO BE INSTALLED AND A READING OF NO GREATER THAN 20 OHMS OBTAINED, PRIOR TO CONSTRUCTION OF CABINET PLINTH. (REFER TO ISIS EPT/ANS/A055 - FTTC EARTHING MANUAL).
- FLEXIBLE ISOLATION JOINT MATERIAL TO BE PLACED BETWEEN PLINTH AND ANY ADJACENT STRUCTURE TO ENSURE SEPARATION OF STRUCTURES.
- WHEN LOCATING, ENSURE 1.0 METRE CLEAR SPACE FOR POWER DOOR OPENING.
- 45° MORTAR CHAMFER TO BE INSTALLED FROM THE OUTSIDE EDGE OF THE UPPER PLINTH TO THE CABINET ROOT.



DIMENSIONS IN mm UNLESS OTHERWISE STATED

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DO NOT SCALE

ORIGINAL SCALE NTS

A1 A2	DRN T&S (CONTRACTOR)	A O I T B
	CKD DC	
	CERTIFICATION	
	DESIGNER	
	T&S	
	CLIENT	
	DC	
DATE 20/02/2012		

CAB AMENDED TO INCLUDE CONDUCTIVE CONCRETE	C	FTTC HUAWEI 96 CABINET VARIABLE HEIGHT CONCRETE PLINTH ON CONDUCTIVE CONCRETE		REFERENCES SPEC.LN550 British Standards
RS	05/11/2020	OPENREACH		
AMENDMENT		ISSUE		
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