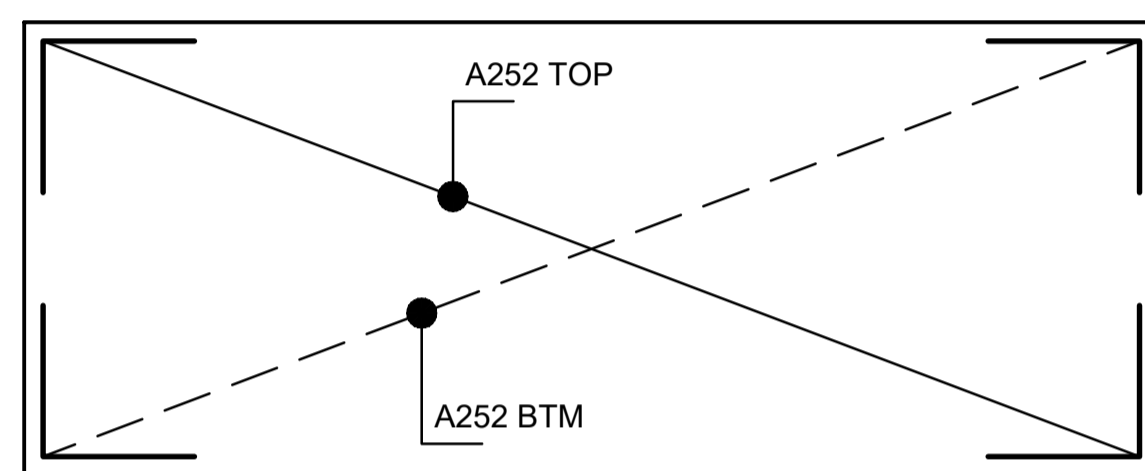


GENERATOR SLAB GA
(SCALE 1:20)

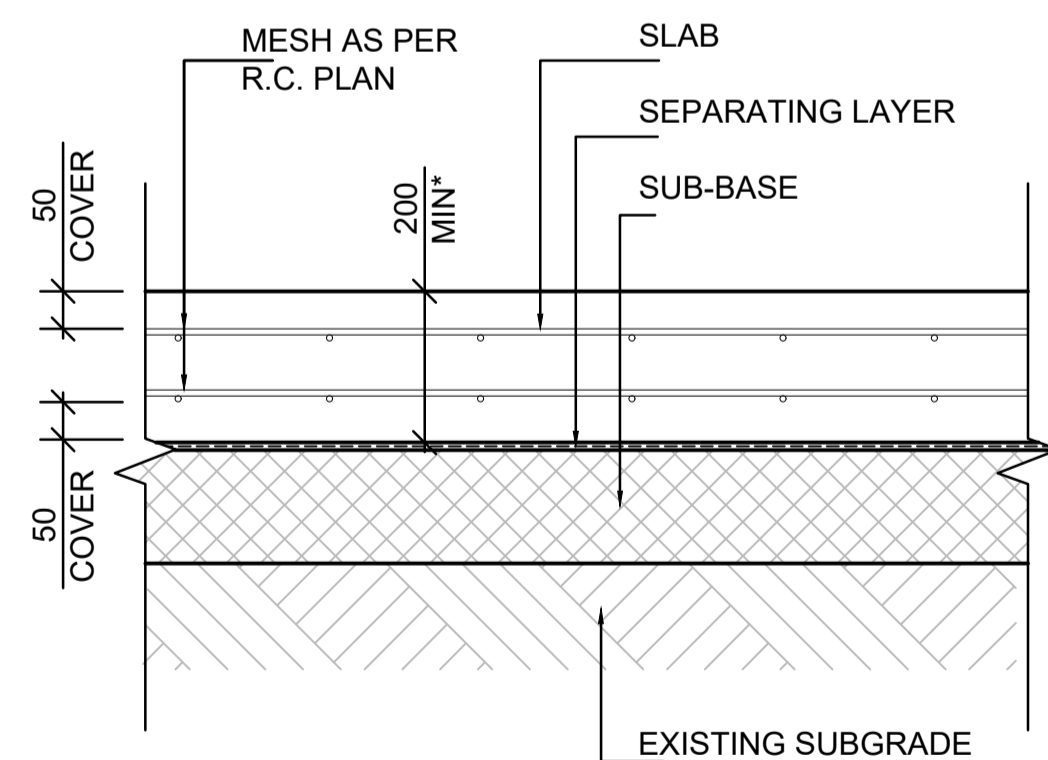
GENERATOR (DTG110) SUPPORT DIMENSIONS TAKEN FROM DT GEN DRAWING DTG110 CANOPY GA 10

IT IS ASSUMED THERE ARE NO BUNDING REQUIREMENTS - CLIENT TO CONFIRM

IT IS ASSUMED THERE ARE NO PENETRATION REQUIREMENTS THROUGH THE SLAB - CLIENT TO CONFIRM



GENERATOR SLAB RC
(SCALE 1:20)



GENERATOR SLAB TYPICAL SECTION
(SCALE 1:10)

BUILD UP NOTES:

SLAB: 200mm* THICK REINFORCED CONCRETE SLAB. CONCRETE TO BE AIR ENTRAINED (4.5% AIR CONTENT). C28/35 GRADE CONCRETE. REFER TO CONCRETE SPECIFICATION FOR FURTHER INFORMATION ON CONCRETE MIX REQUIREMENTS. REFER TO REINFORCEMENT PLAN FOR MESH DETAILS

SEPARATING LAYER: SEPARATING LAYER REQUIRED TO AID INSTALLATION AND LIMIT FRICTION BETWEEN SLAB AND BLINDING (TO CONTROL CRACKING). E.G. 400g VISQUEEN (OR SIMILAR)

BLINDING: 50mm LEAN MIX CONCRETE BLINDING

SUB-BASE: 150mm COMPACT TYPE 1 MOT

EXISTING SUBGRADE: SOFT CLAYS WITH A SAFE PERMISSIBLE BEARING CAPACITY OF 50kN/m²

NOTE: THE UNDERLYING CLAYS MAY HAVE A HIGH VOLUME CHANGE POTENTIAL. IT IS ASSUMED THAT THE PLANT / M&E / DUCTS ETC ARE NOT SENSITIVE TO DIFFERENTIAL SETTLEMENTS. THIS MUST BE CONFIRMED PRIOR TO WORK COMMENCING ON SITE.

* THE THICKNESS OF THE SLAB MAY BE INCREASED TO FORM FALLS IN SLAB. MAINTAIN COVER AS SHOWN, AND WHERE SLAB THICKNESS EXCEEDS 300mm CONTACT NSS

REINFORCED CONCRETE NOTES:

1. CONCRETE GRADE AS PER NSS CONCRETE SPECIFICATION.
2. IT IS ASSUMED THAT THE STRATA IS CONTAMINANT FREE AND IN ACCORDANCE WITH THAT FOUND IN THE GROUND INVESTIGATION REPORT. ANY CONTAMINATION, SOFT SPOTS ETC TO BE REPORTED TO NSS IMMEDIATELY.
3. ALL CONCRETE WORK IN ACCORDANCE WITH THE 'NATIONAL STRUCTURAL CONCRETE SPECIFICATION' (NSCS), EC2, BS8500, AND GOOD WORKING PRACTICE.
4. CURING OF CONCRETE TO BE CARRIED OUT IN ACCORDANCE WITH THE NSCS AND CONCRETE ADVICE NOTE 25.
5. COVER AS NOTED BELOW U.N.O.
6. MINIMUM 400mm LAP TO ALL FABRIC REINFORCEMENT.
7. FABRIC REINFORCEMENT TO BE CUT AND BENT TO SUIT ON SITE.
8. CHAIRS / SPACERS / MESH ETC ARE NOT SCHEDULED. CONTRACTOR TO MAKE DUE ALLOWANCE
9. ALL DRAWINGS ARE COPYRIGHT OF NORTHERN STRUCTURAL SERVICES LTD.
10. ALL DIMENSIONS TO BE CONFIRMED ON SITE.
11. DO NOT SCALE FROM THIS DRAWING.
12. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT SERVICE DRAWINGS, MANUFACTURERS DETAILS, SITE INVESTIGATION & ENGINEERS DRAWINGS & DETAILS.
13. ALL DIMENSIONS IN mm U.N.O.
14. ALL LEVELS IN m U.N.O.

REINFORCEMENT NOTES:

1. REINFORCED BARS DENOTED H ARE HIGH YIELD BARS TO BS 4449:2005.
2. SLAB CONCRETE COVER:
 - 50mm TOP
 - 50mm BOTTOM
 - 50mm SIDES
3. ALL BENDING DIMENSIONS ARE IN ACCORDANCE WITH BS 8666:2005.
4. ABBREVIATIONS:
 - SF - SIDE FACE
 - T - TOP
 - B - BOTTOM
 - R.E.B - RE-ENTRANT BARS

REFER TO C14520/N1 FOR GENERAL NOTES

PRELIMINARY - FOR APPROVAL

T2	13.02.23	DM	UPDATED FOR LATEST GENERATOR
REV	DATE	IN'T'L	COMMENT
PROPOSED ALTERATIONS AT MULLER, BELSHILL BELGOWAN STREET, GLASGOW FOR SUDLOWS			
Scale:	1:20, 1:10 @ A1	Drawing No.:	Rev: T2
Drawn by:	DM	c14520/32	
Date:	JANUARY 2023		

GENERATOR SLAB DETAILS

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