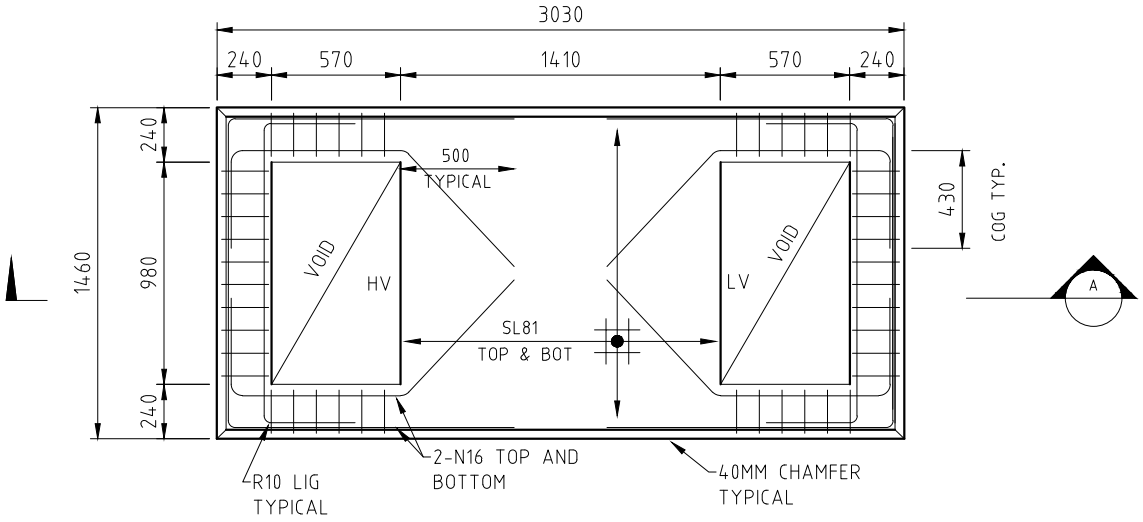

PLAN VIEW
CONCRETE SLAB DETAILS

SECTION A
CONCRETE SLAB CROSS
SECTION

NOTES:

1. PLINTH DESIGN SUITABLE FOR SCHNEIDER AND TYREE 500KVA SUBSTATIONS.
2. CONCRETE SHALL HAVE A CHARACTERISTIC STRENGTH OF $f'c$=40 MPa. THE CONTRACTOR SHALL PROVIDE TEST CERTIFICATES TO VERIFY THE REQUIRED CONCRETE STRENGTH HAS BEEN OBTAINED.
3. WHERE FOUNDATION SLAB IS TO BE USED IN EXTREMELY POOR OR WET SOIL, A SPECIFIC DESIGN SHOULD BE PERFORMED TO MEET INCUMBENT CONDITIONS. REFER TO THE REQUIREMENTS NOTED ON KS-317.
4. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION, MECHANICAL, CIVIL AND RELEVANT ENGINEERING STANDARDS, DOCUMENTS AND WITH OTHER SUCH WRITTEN INSTRUCTIONS AS MAY BE ISSUED.
5. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND AS 3600.
6. DURING CONSTRUCTION THE RESPONSIBLE CONTRACTOR SHALL MAINTAIN THE STRUCTURE IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED.
7. ALL DIMENSIONS WHICH TIE INTO OR OTHERWISE RELATE TO EXISTING STRUCTURES SHALL BE VERIFIED ON SITE PRIOR TO THE START OF CONSTRUCTION BY THE CONTRACTOR.
8. MIN LAP FOR FABRICS SHALL BE TWO TRANSVERSE WIRES PLUS 25. MIN LAP LENGTH FOR N16 DEFORMED BARS SHALL BE 600mm. WELDING OF REINFORCEMENT IS NOT PERMITTED UNLESS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER.
9. TOP & BOTTOM REINFORCEMENT IN SLABS SHALL BE SUPPORTED ON APPROVED PLASTIC TIPPED CHAIRS, IN BOTH DIRECTIONS AT MAXIMUM CENTRES OF: 900 FOR 12 & 16 DIA. BARS, 750 CENTRES FOR MESH.
10. CONCRETE FINISH SHALL BE CLASS 2 TO AS 3610.
11. NO REINFORCEMENT SPLICES SHALL BE MADE IN POSITION OTHER THAN THOSE SHOWN ON THIS STRUCTURAL DRAWINGS.
12. CLEAR COVER TO REINFORCEMENT (INCLUDING FITMENTS) SHALL BE 50mm.
13. OUTER N16 BARS MAY BE IN (2) PIECES AND LAPPED 600mm ON THE LONGSIDE FOR TOLERANCE.
13. FOR PRECAST CONCRETE BASE SLAB LIFTING DETAILS REFER TO KS-320.
14. UNLESS SPECIFIED UNABBREVIATED TO AS 4671, ALL REINFORCEMENT ON THIS PROJECT IS DESIGNATED AS FOLLOWS:

SYMBOL	DESCRIPTION	TYPE
SL	MESH - SQUARE GRID	D500L TO AS 4671
R	PLAIN BARS	R250N TO AS 4671
N	DEFORMED BARS	D500N TO AS 4671

DESIGNATION EXAMPLE

SL82	REINFORCING MESH	D500L 8Ø RIBBED BARS @200 CRS
4-R10-300	PLAIN BARS	R250N 4 No. 10Ø BARS @300 CRS
4-N16-200T	DEFORMED BARS	D500N 4 No. 16Ø BARS @200 CRS TOP

DIMENSIONS ARE IN MILLIMETRES
UNLESS OTHERWISE STATED

ALTERATIONS

REV		PROJECT	DESIGNED BY	DRAWN BY	CHECKED BY	ENG.APPROV.	DATE
B	ORIGINAL ISSUE	000000	G.HALL	G.HALL	B. NARAYANASAM	J.HUGHES	29/AUG/2023
C	PLINTH WIDENED BY 30mm ON SIDES TO ACCOMMODATE TYREE KIOSK.		G.HALL		A.McKAY	J.HUGHES	3/NOV/2023
	PLINTH CUT-OUT WIDENED TO 980MM TO SUIT TYREE KIOSK.						

TasNetworks

DRAWN	C5 PRO SOLUTIONS
DESIGNED BY	DESIGNED BY
CHECKED BY	G.HALL
APPROVED BY	D.ELLIS
DATE APPROVED	05/FEB/2016

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TITLE
KIOSK PLINTH DETAILS
TYREE 500kVA AND SCHNEIDER 3/05 KIOSKS

SCALE NTS

A4

KS - 302

REVISION C