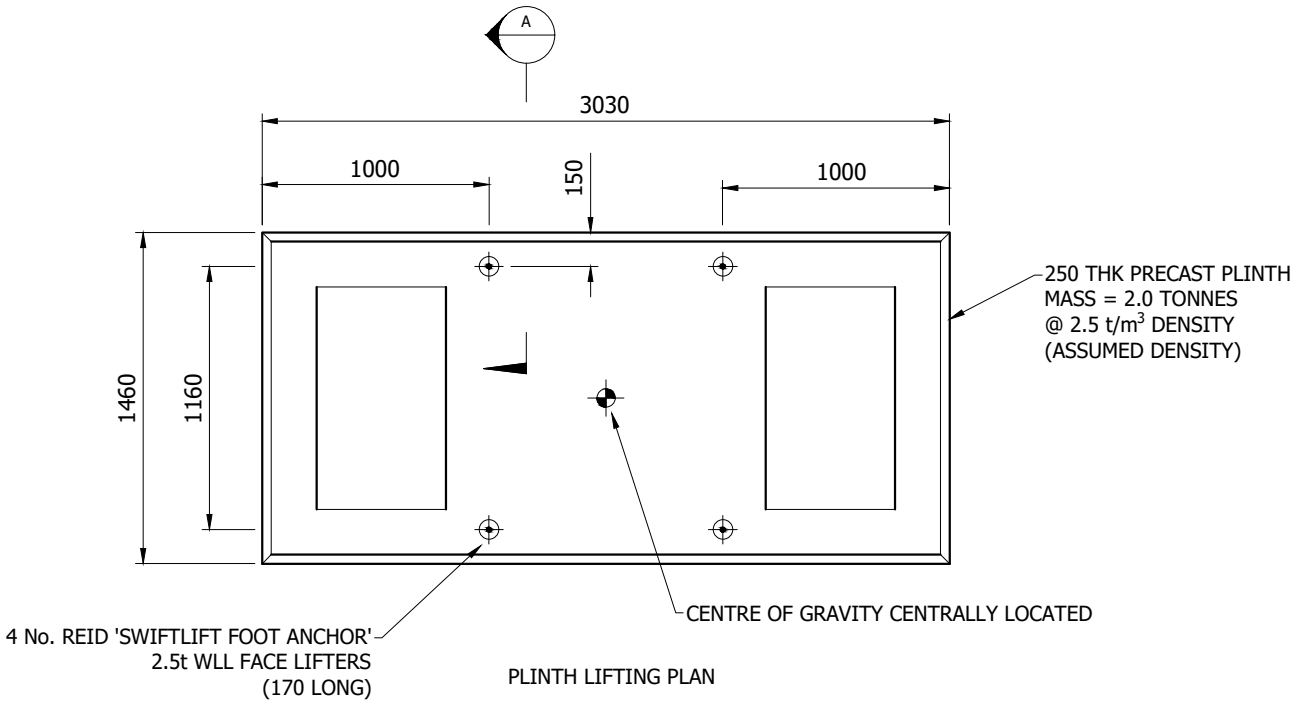
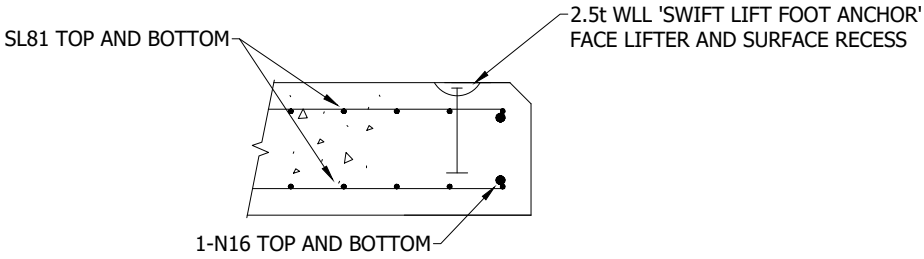


PLINTH LIFTING PLAN



SECTION A

ONLY OUTER BARS BESIDE LIFTER ARE SHOWN

NOTES:

1. CONCRETE SHALL HAVE AN EQUIVALENT STRENGTH TO $f'c$ = 25MPa AT TIME OF LIFT.
2. THE LIFTING DESIGN ASSUMES THE FOLLOWING:
   - 2.1 THAT THE PLINTH IS POURED ONTO AN OILED STEEL FORMWORK SURFACE.
   - 2.2 THAT SIDE FORMWORK IS REMOVED PRIOR TO LIFTING OFF THE FORMWORK BED.
   - 2.3 DEMOULDING OFF THE BED IS UNDERTAKEN CAREFULLY AND WITHOUT SHOCK LOADING.
   - 2.4 SLINGS SHALL BE ATTACHED TO A CERTIFIED SPREADER BEAM SO THAT THE LIFTED LOAD IS SUPPORTED EQUALLY BY FOUR SLINGS.
   - 2.5 SLINGS SHALL BE ARRANGED SO THAT THE INCLUDED ANGLE IS ≤ 60°.
   - 2.6 THAT THE PLINTH IS LIFTED BY A STATIONARY HYDRAULIC CRANE, AT NORMAL CRANE HOIST SPEED.
3. DESIGN AND VERIFICATION OF THE SLINGS, SPREADER BEAM AND CRANE IS THE RESPONSIBILITY OF THE CONTRACTOR AND HIS SPECIALIST RIGGERS.
4. FOR PRECAST PLINTH REINFORCEMENT DETAILS REFER KS-302.
5. ONLY APPROVED, TAGGED AND TESTED MANUFACTURER'S LIFTING CLUTCHES SHALL BE USED FOR LIFTING.

DIMENSIONS ARE IN MILLIMETRES
UNLESS OTHERWISE STATED

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

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
PLINTH LIFTING DETAILS
TYREE 500kVA AND SCHNEIDER 3/05 KIOSKS

SCALE NTS

A4

KS - 320

REVISION C