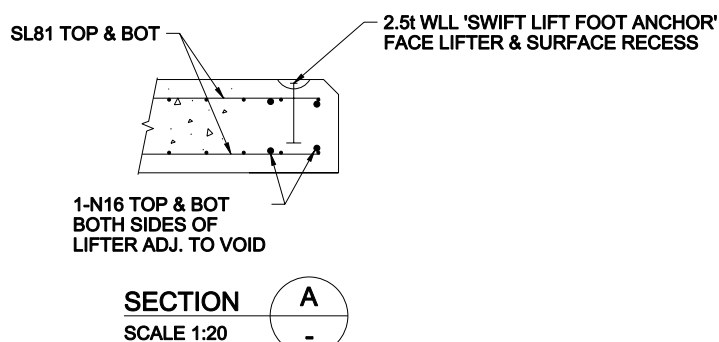


PRECAST PLINTH LIFTING PLAN



NOTES

- CONCRETE SHALL HAVE AN EQUIVALENT STRENGTH TO $f'_c = 25\text{MPa}$ AT TIME OF LIFT.
- THE LIFTING DESIGN ASSUMES THE FOLLOWING:
 - THAT THE PLINTH IS POURED ONTO AN OILED STEEL FORMWORK SURFACE.
 - THAT SIDE FORMWORK IS REMOVED PRIOR TO LIFTING OFF THE FORMWORK BED.
 - DEMOULDING OFF THE BED IS UNDERTAKEN CAREFULLY AND WITHOUT SHOCK LOADING.
 - SLINGS SHALL BE ATTACHED TO A CERTIFIED SPREADER BEAM SO THAT THE LIFTED LOAD IS SUPPORTED EQUALLY BY FOUR SLINGS.
 - SLINGS SHALL BE ARRANGED SO THAT THE INCLUDED ANGLE IS $\leq 60^\circ$.
 - THAT THE PLINTH IS LIFTED BY A STATIONARY HYDRAULIC CRANE, AT NORMAL CRANE HOIST SPEED.
- DESIGN AND VERIFICATION OF THE SLINGS, SPREADER BEAM AND CRANE IS THE RESPONSIBILITY OF THE CONTRACTOR AND HIS SPECIALIST RIGGERS.
- FOR PRECAST PLINTH REINFORCEMENT DETAILS REFER KS-327.
- ONLY APPROVED, TAGGED AND TESTED MANUFACTURER'S LIFTING CLUTCHES SHALL BE USED FOR LIFTING.
- THE CENTRE OF LIFT IS NOT ALIGNED WITH THE CENTRE OF GRAVITY IN ONE DIRECTION HENCE THE PANEL WILL TILT SLIGHTLY WHEN LIFTED. THIS WILL REQUIRE MANUAL CONTROL VIA LANYARDS ATTACHED TO THE PLINTH.

REFERENCES
ALTERATIONS



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DRAWN CS PRO-SOLUTIONS

CHECKED G.HALL

APPROVED *David Ellis*
DATE 05/02/2016

TITLE

MINI KIOSK
PLINTH LIFTING ARRANGEMENT DETAILS

SCALES

1:40
U.O.N.

SIZE
A4

REVISION
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KS-335