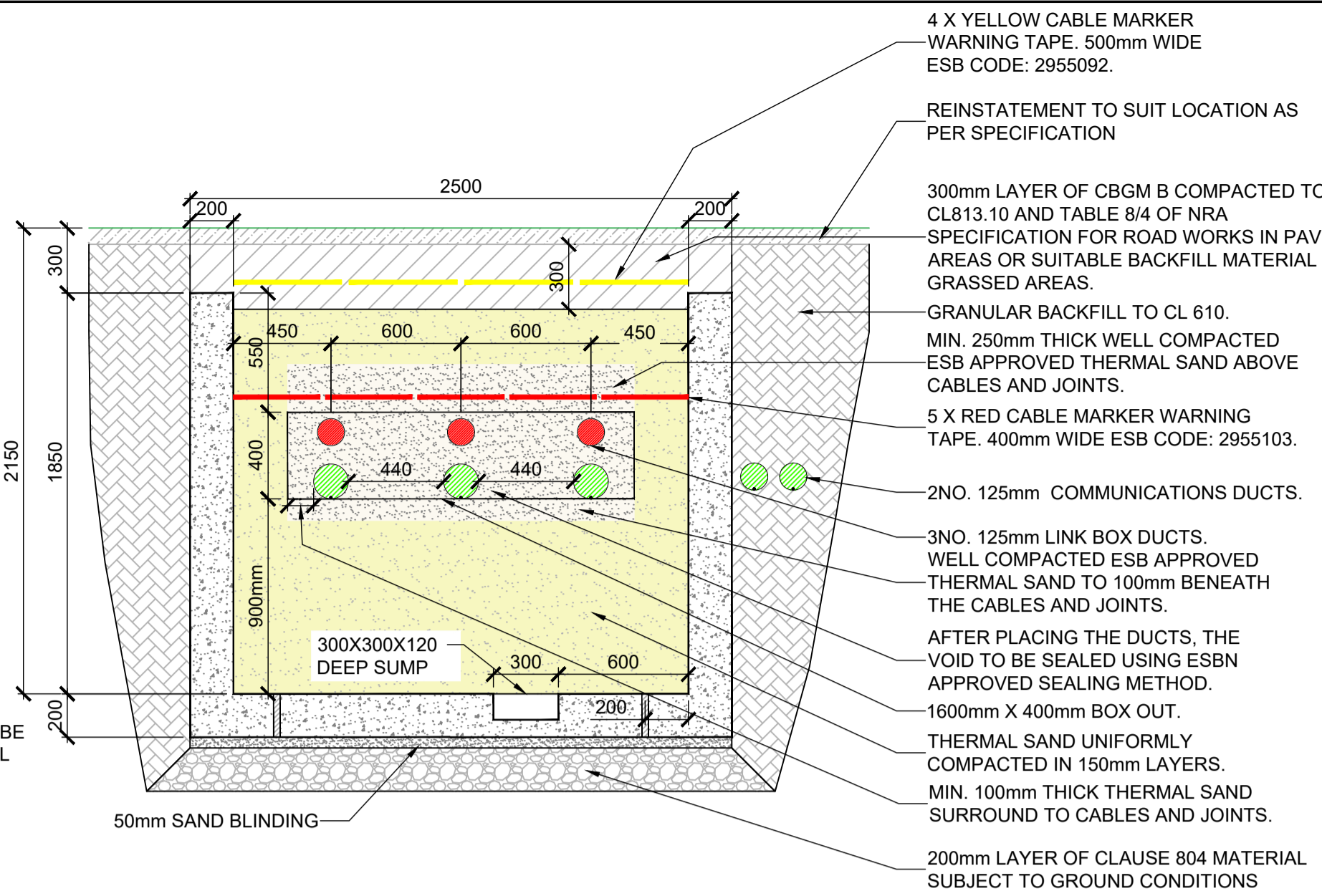


JOINT BAY SECTIONS
SCALE 1:25



NOTE:
CONCRETE REQUIREMENTS JOINT BAYS

EXPOSURE CLASS XC2
MINIMUM CEMENT CONTENT 280 kg/m³.
MAX. WATER/CEMENT RATIO 0.60
CEMENT TYPE TO IS EN 197-1:
ONLY CEMENTS AND CEMENT COMBINATIONS IN THIS SPECIFICATION MAY BE USED.
MINIMUM AIR CONTENT N/A
CHLORIDE CONTENT CLASS: CL 0.40
MAX AGGREGATE (mm): 20
MIN. COVER (mm) 40
COMPRESSIVE STRENGTH CLASS C30/37

NOTE PRECAST JOINT BAYS TO BE USED.

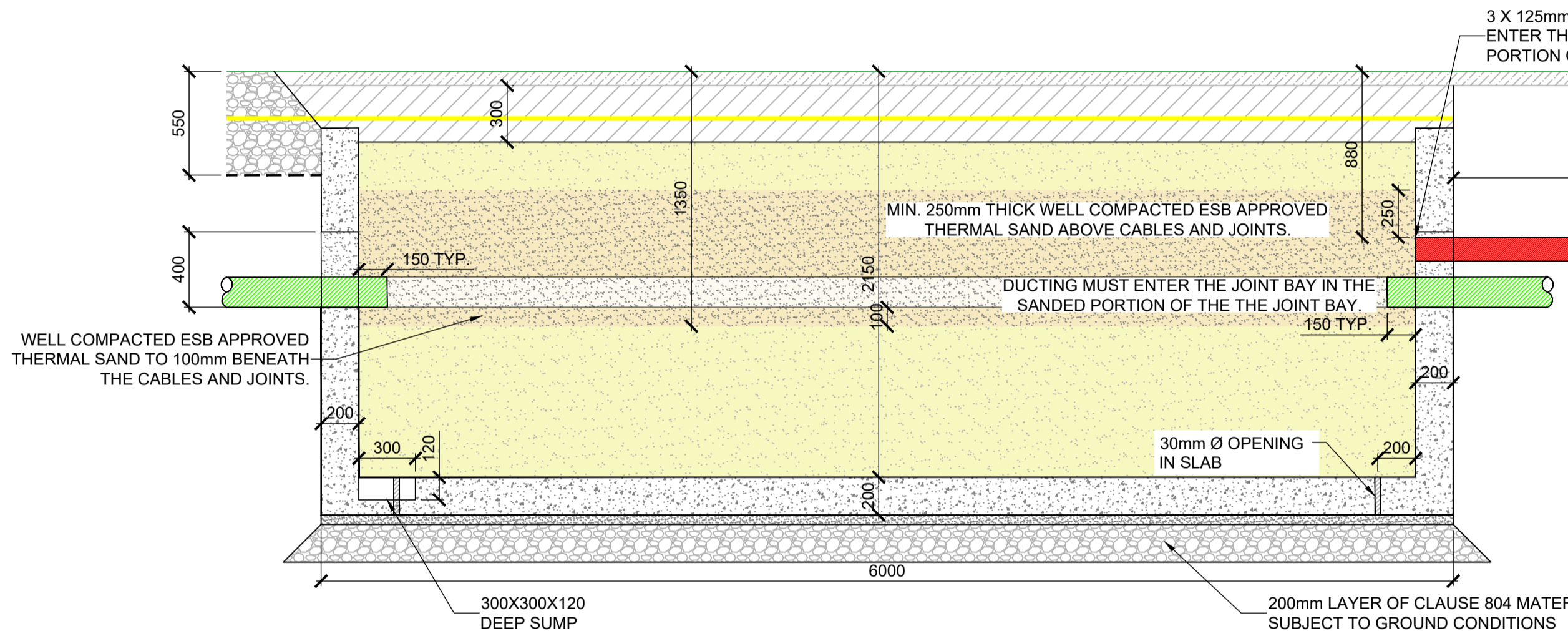
DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES. VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.
THIS DRAWING TO BE READ IN CONJUNCTION WITH THE DESIGNERS SPECIFICATION.
© THIS DRAWING IS COPYRIGHT AND MAY ONLY BE REPRODUCED WITH THE DESIGNERS PERMISSION.

- NOTES:**
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND ESB NETWORKS DRAWINGS & SPECIFICATIONS.
 - ALL DIMENSIONS ARE IN **MILLIMETRES**, UNLESS NOTED OTHERWISE.
 - DRAWINGS ARE NOT TO BE SCALED.
 - THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE NOTIFIED TO THIS OFFICE IN WRITING IMMEDIATELY. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 - SAND SHALL BE NATURAL UNWASHED SAND IN ACCORDANCE WITH BS 882-1992 (BS EN 12620) COMPLYING WITH GRADING LIMIT C IN TABLE 4 WITH A MAXIMUM THERMAL RESISTIVITY OF 1.0 K.m/WATT AT 0% MOISTURE CONTENT.
 - ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROADWORKS.

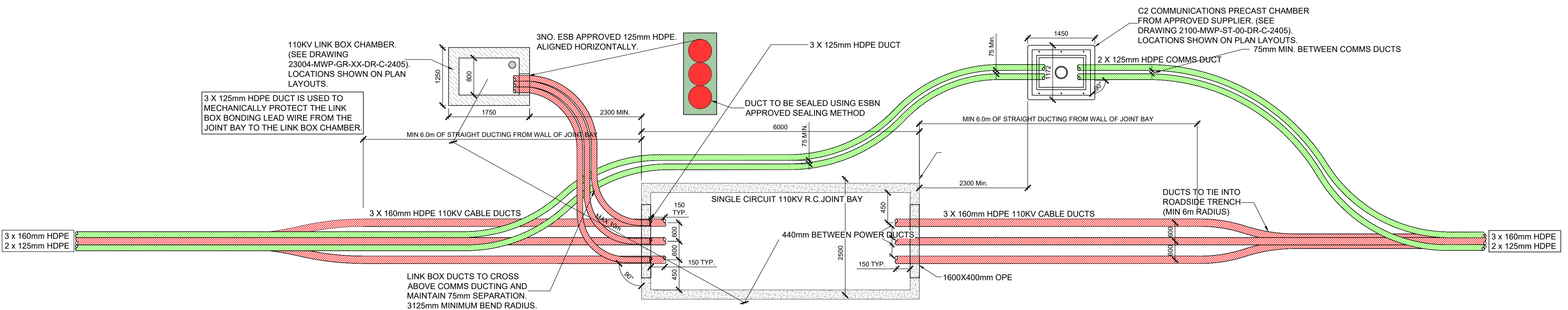
NOTE

TEMPORARY WORKS DESIGN CERTIFICATE REQUIREMENTS FOR CABLE ROUTE:

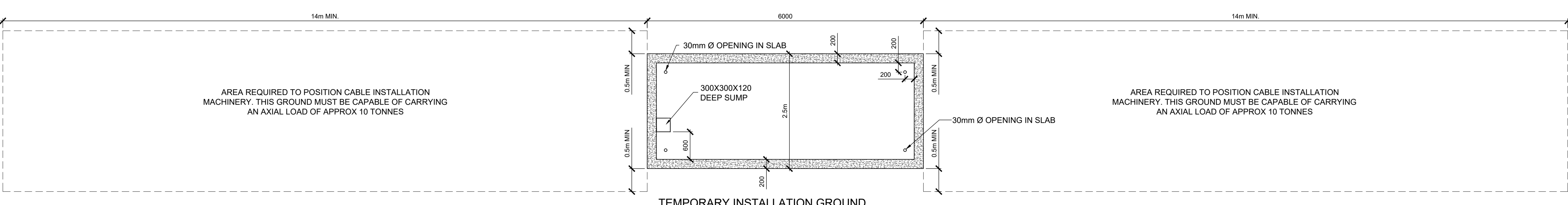
ALL TEMPORARY WORKS ARE THE RESPONSIBILITY OF THE CONTRACTOR. HE SHALL PROCURE A TWDC AS REQUIRED BASED ON HIS PROPOSED WORKS METHODOLOGY. ON THE ASSUMPTION THAT BATTERING OF EXCAVATIONS WILL NOT OCCUR THEN A TWDC WILL BE REQUIRED FOR ALL TRENCH EXCAVATIONS. TWDCS WILL ALSO BE REQUIRED FOR THE USE OF TRENCH BOXES.



JOINT BAY CABLE AND LINK BOX CHAMBER SECTION
SCALE 1:25



JOINT BAY LAYOUT
SCALE 1:50



TEMPORARY INSTALLATION GROUND
SCALE 1:50

REV	DATE	DESCRIPTION	BY	APP
P06	03/10/24	ISSUED FOR APPROVAL	AK	PC
P05	28/09/24	ISSUED FOR APPROVAL	AK	PC
P04	22/05/24	ISSUED FOR PLANNING	AK	PC
P03	01/05/24	ISSUED FOR PLANNING	AK	PC
P02	23/04/24	ISSUED FOR PLANNING	AK	PC
P01	20/09/23	ISSUED FOR PLANNING	AK	PC

PROJECT: DERNACART WIND FARM 110KV SUBSTATION AND GRID CONNECTION

TITLE: 110 KV JOINT BAY DETAIL

CLIENT: STATKRAFT IRELAND



DRAWN	CHECKED	APPROVED
A.K.	G. McN.	P.C.
PROJECT NUMBER: 23268	DATE: SEPT. '23	SCALE @ A1: AS SHOWN
STATUS DESCRIPTION: FOR APPROVAL		STATUS: S4

DRAWING NUMBER: 23268 - MWP -GR-XX-DR-C-5401 REV: P06