



1. ALL PRECAST CONCRETE ELEMENTS TO BE MANUFACTURED TO BS EN 13369 2004 "COMMON RULES FOR PRECAST CONCRETE PRODUCTS.
2. LIFTING INSERTS TO BE DESIGNED & INSTALLED TO PO CENTR 15728 2008 "DESIGN AND USE OF INSERTS/FOR LIFTING AND HANDLING OF PRECAST CONCRETE ELEMENTS.
3. SPECIFIED LIFTING INSERTS HAVE A S.W/L OF 10 TONNE.
4. LOCATION & SPECIFICATION OF LIFTING INSERTS ARE ASSUMED TO FACILITATE DEMOULDING AND HANDLING IN PRECAST MANUFACTURING FACTORY. IT IS THE RESPONSIBILITY OF THE PRECAST MANUFACTURER TO NOTIFY THE ESBII ENGINEER IF THESE ARE UNSUITABLE FOR HIS MANUFACTURING METHODOLOGY ESBII ENGINEER TO BE INFORMED OF ANY ALTERNATIVE LIFTING LOCATIONS FOR FACTORY HANDLING AND DEMOULDING .
5. CONCRETE TO HAVE A MINIMUM STRENGTH OF 30N/mm² PRIOR TO HANDING ON TO DEMOULDING .
6. MAIN CONTRACTOR TO ENSURE THAT A METHOD STATEMENT AND RISK ASSESSMENT INCLUDING A LIFTING PLAN, IS PRODUCED FOR INSTALLATION AND ARE AVAILABLE TO ESBII ENGINEER FOR REVIEW IF REQUESTED. LIFTING PLAN TO INCORPORATE REQUIREMENTS OF LIFTING INSERTS AND LIFTING LOUPE EYES.
7. A MINIMUM LIFTING SLING ANGLE OF 50° TO THE HORIZONTAL IS REQUIRED.
8. A LIFTING SYSTEM WHICH ENSURES ALL LIFTING POINTS TAKE ON AN EQUAL LOAD IS REQUIRED.
9. HALFEN DEHA SPHERICAL LIFTING ANCHORS TO BE USED AS SPECIFIED. ANY DEVIATION FROM THIS MUST BE NOTIFIED TO ESBII ENGINEER BY PRECAST MANUFACTURER. LIFTING INSERTS TO BE INSTALLED AS PER MANUFACTURERS GUIDELINES AND IN ACCORDANCE WITH PO CENTR 15728 2008.
10. FORMWORK FOR PRECASTING TO BE OF A MINIMUM STANDARD OF VARNISHED WOODEN MOULD WITH PLANE BOARDS.
11. CEMENT TO REINFORCE TO BE 40mm.
12. CONCRETE TO BE GRADE C30/37 AS SPECIFIED IN TABLE 1 ON DWG NO. 18_139-CE-HL-XX-DR-C-2746
13. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206-1:2002 WITH THE MIXED DESIGNS SHOWN IN TABLE 1.
14. FOR 7.9m JOINT BAY INSERT 1 No. ADDITIONAL PRECAST SECTION 2. FOR 9.8m JOINT BAY INSERT 2 No. ADDITIONAL PRECAST SECTIONS.
15. THE DEPTH FROM GROUND /ROAD LEVEL TO THE TOP OF THE CONCRETE WALL SHALL BE:
 - a) 500mm - IN CULTIVATED FIELDS AND GRASS LANDS
 - B) 300mm - IN PAVED ROADS AND GRASS VERGES
 - C) 350mm - IN PAVED ROADS IN DUBLIN CITY COUNCIL ROADS AND GRASS VERGES.
16. LINK BOX CHAMBER TO BE POSITIONED AT THE EDGE OF OR OFF ROAD



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General Notes

CLUTTERLAND
110KV GIS SUBSTATION

Rev	Drn	Ckd	Description	Date
P02	DW	HF	PLANNING	04/11/20

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STATUS : PLANNING

Drawn by Author DW	Checked by Checker HF	Date JULY 2020
AS INDICATED (@ A1)		Project number 20_055

Drawing Title
TYPICAL JOINT BAY
DETAILS

Drawing Number
(Project Code-Originator-Volume-Level-Type-Role-Sheet no.)

CLDHV-CSE-00-XX-DR-C-2160

