

GENERAL NOTES:

- 1. ALL PRECAST CONCRETE ELEMENTS TO BE MANUFACTURED TO BS EN 13369:2004 "COMMON RULES FOR PRECAST CONCRETE PRODUCTS.
- LIFTING INSERTS TO BE DESIGNED & INSTALLED TO PD CEN/TR 15728:2008 "DESIGN AND USE OF INSERTSFOR 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 ESBI ENGINEER IF THESE ARE UNSUITABLE FOR HIS MANUFACTURING METHODOLOGY.ESBI 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 HANDLING O DEMOULDING.
- MAIN CONTRACTOR TO ENSURE THAT A METHOD STATEMENT AND RISK ASSESSMENT INCLUDING A LIFTING PLAN, IS PRODUCED FOR INSTALLATION AND ARE AVAILABLE TO ESBI ENGINEER FOR REVIEW IF REQUESTED. LIFTING PLAN TO INCORPORATE REQUIREMENTS OF LIFTING INSERTS AND LIFTING LOOP EYES.
- . 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 ESBI ENGINEER BY PRECAST MANUFACTURER. LIFTING INSERTS TO BE INSTALLED AS PER MANUFACTURERS GUIDELINES AND IN ACCORDANCE WITH PD CEN/TR 15728:2008.
- 10. FORMWORK FOR PRECASTING TO BE OF A MINIMUM STANDARD OF VARNISHED WOODEN MOULD WITH PLANED BOARDS.
 11. COVER TO REINFORCEMENT TO BE 40mm.
- 11. COVER TO REINFORCEMENT TO BE 40mm.12. CONCRETE TO BE GRADE C30/C37 AS PER ESB REQUIREMENTS.
- 13. ALL CONCRETE TO BE IN ACCORDANCE WITH IS EN 206-1:2002 WITH THE MIXED DESIGNS SHOWN IN TABLE 1.
- 14. 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.

 15. LINK BOX CHAMBER TO BE POSITIONED AT THE EDGE OF OR OFF ROAD.

CLIENT



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NOTES

DISCIPLINE

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PROJECT

ESSDUB98 KISHOGE SUBSTATION GRID CONNECTION

Associates

Rev	Date	Description	Ву	Ckd
DOO	24/08/2022	FOR DI ANNINO	70	HF
P02	31/08/2022	FOR PLANNING	ZS	ПГ
P01	24.01.2022	FOR INFORMATION	IC	DH

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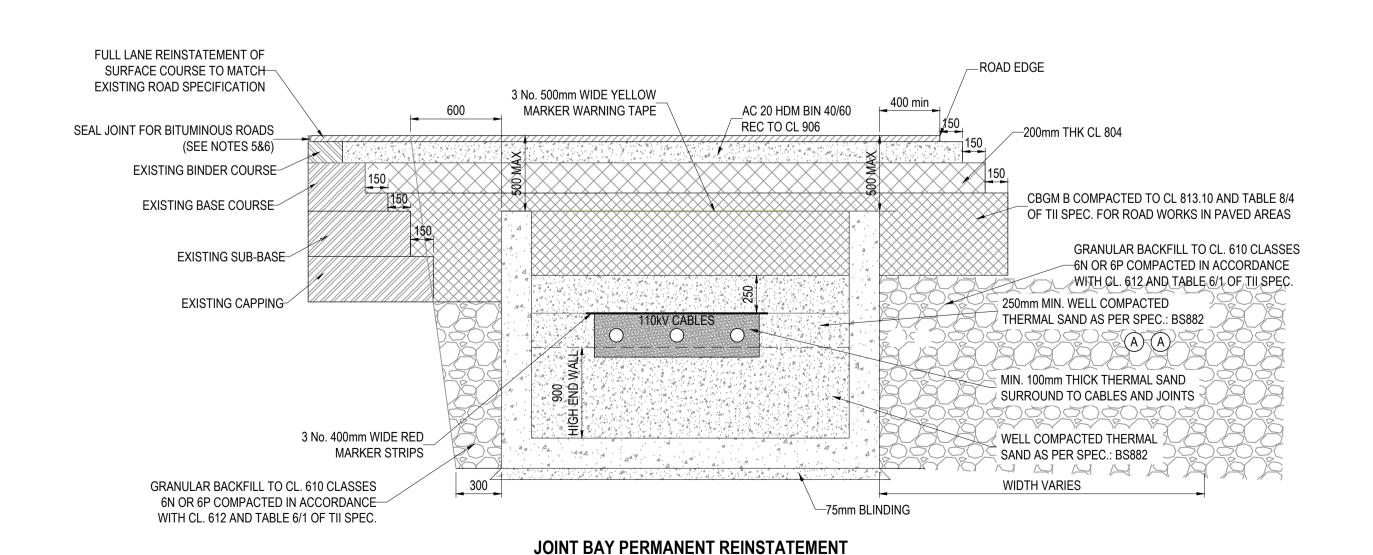
Drawing Title

TYPICAL JOINT BAY DETAILS

Drawing Number

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

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IN NATIONAL ROADS

SCALE 1:25

