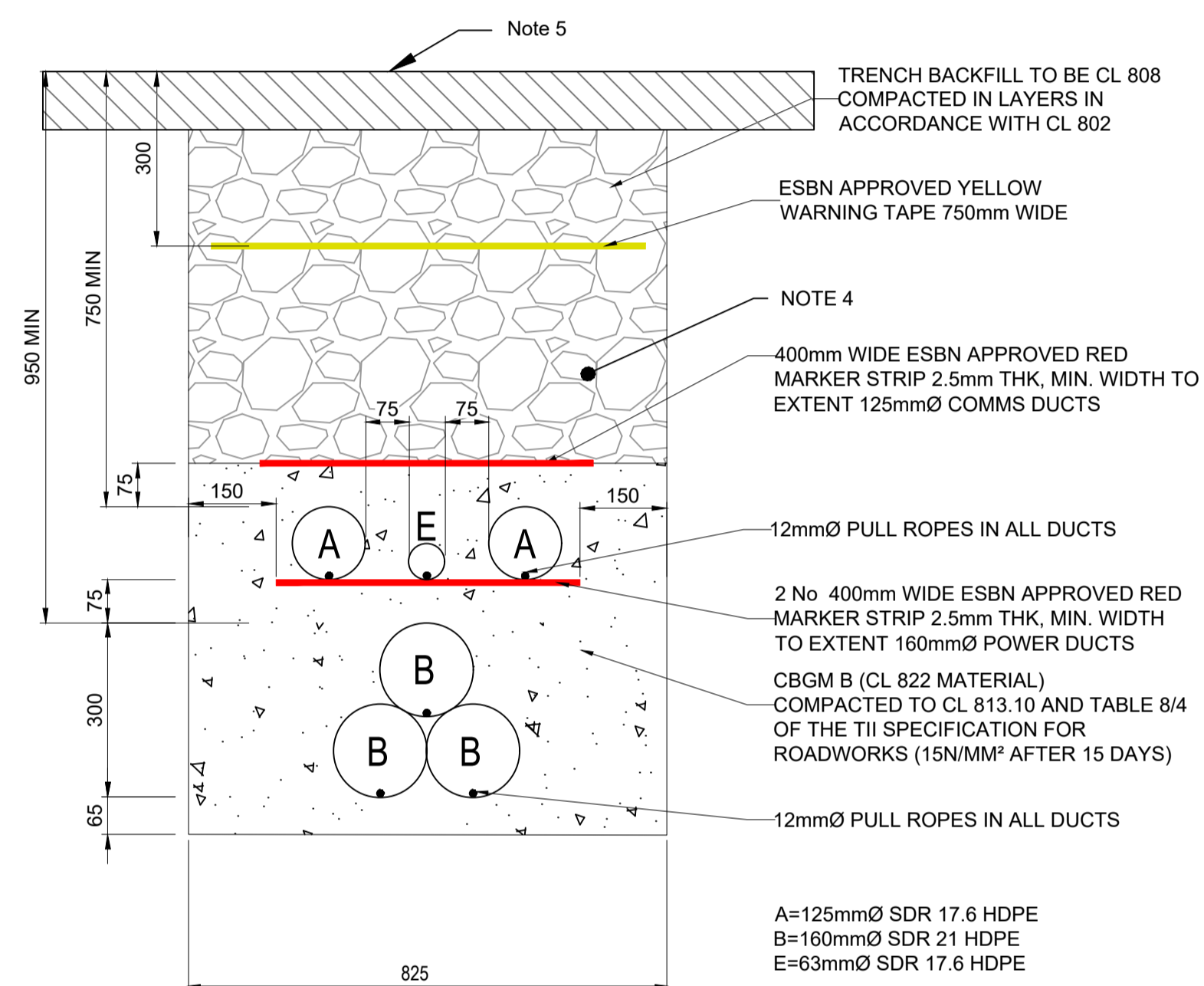
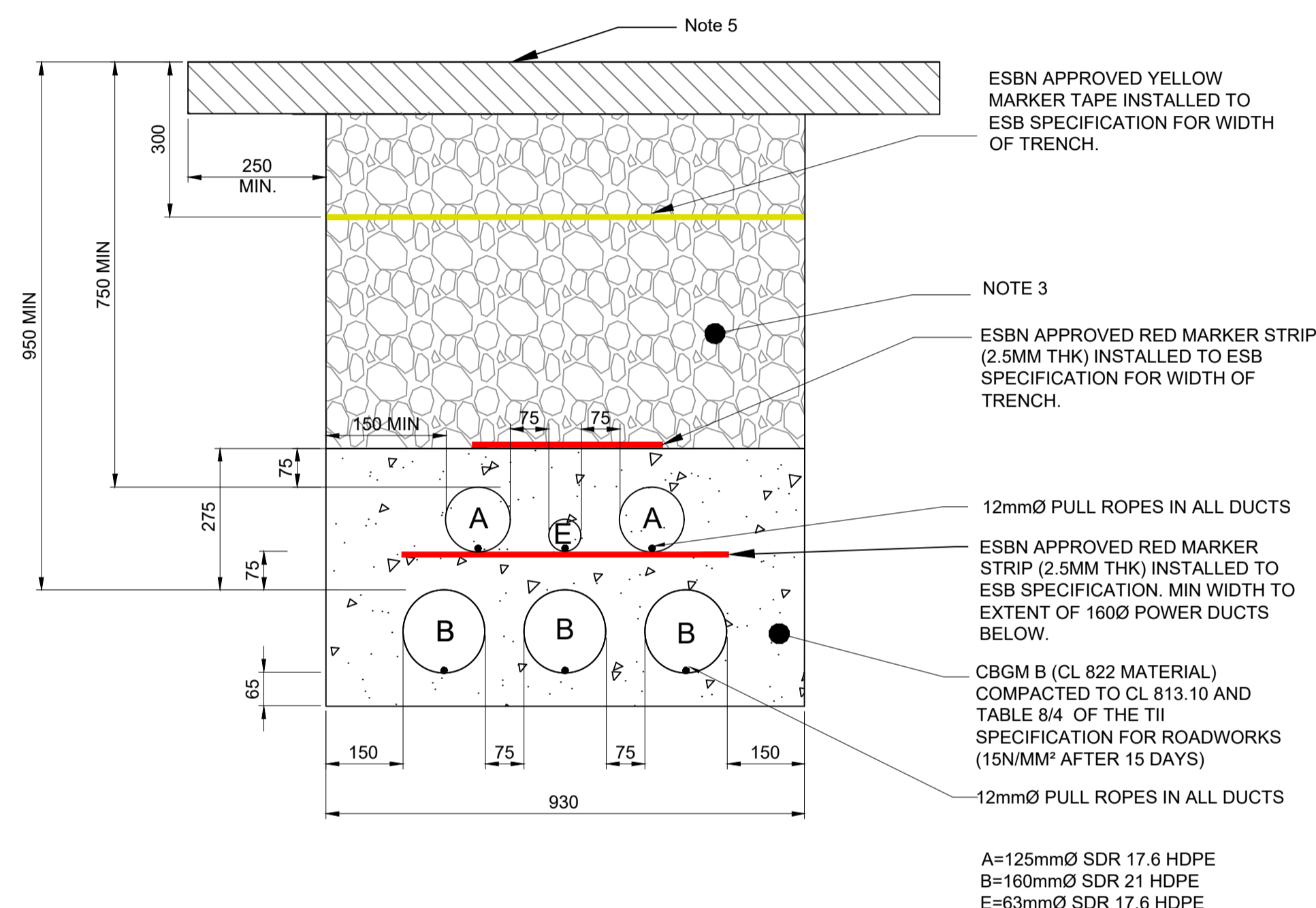


**NOTES**

- DRAWING TO BE READ IN CONJUNCTION WITH CSEA SERVICE DRAWINGS.
- DRAWING TO BE READ IN CONJUNCTION WITH THE LATEST ESB NETWORKS SPECIFICATIONS FOR 110kV AND 10kV INSTALLATIONS AS WELL AS ELECTRICAL ENGINEERS LAYOUTS AND SPECIFICATIONS.
- DRAWING TO BE READ IN CONJUNCTION WITH ELECTRICAL LAYOUTS & SPECIFICATION. IF DISCREPANCIES EXIST, DESIGN TEAM TO BE CONSULTED PRIOR TO WORKS PROCEEDING.
- WITHIN ANY BUILDING, STRUCTURE PERIMETER OR LOAD BEARING SLABS SUCH AS GENERATOR, FUEL TANK AND HUMIDIFIER COMPOUNDS, ALL TRENCHES TO BE BACKFILLED WITH LAYERS OF 225mm COMPACTED SR21 ANNEX E UNDER FLOOR STRUCTURAL BACKFILL TO UNDERSIDE OF SPECIFIC SURFACE, OTHERWISE LAYERS OF 225mm COMPACTED TO CL. 800.
- FINISH SURFACE AND CONSTRUCTION DETAIL VARIES.
- ALL TRENCHES WITHIN PERIMETER OF BUILDINGS AND LOAD BEARING STRUCTURES ARE TO BE BACKFILLED WITH LEAN MIX CONCRETE TO UNDERSIDE OF FINISHED SURFACE STRUCTURE.
- DRAW ROPES TO BE 12mm IN ALL DUCTS
- WHERE DUCTING IS LOCATED WITHIN THE PERIMETER OF BUILDINGS AND LOAD BEARING STRUCTURES, DUCTS ARE TO BE SURROUNDED WITH CBGM B CONCRETE AND BACKFILLED WITH MATERIAL COMPLIANT WITH SR21 ANNEX E
- REFER TO GIRGRID STANDARD 110KV CABLE DRAWING (XDC-CBL-STND-H-008) FOR TYPICAL TRENCH CROSS SECTIONS DETAILS.



**TYPICAL 3NO 160Ø POWER DUCT IN TREFOIL FORMATION**  
SCALE 1:10



**TYPICAL 3NO 160Ø POWER DUCT IN FLAT FORMATION**  
SCALE 1:10

Rev	Description	Drawn	Checked	Date
P04	SID ISSUE	DM	PM	04.02.2022
P03	DRAFT SID ISSUE	DM	PM	10.12.2021
P02	SID SCHEME ISSUE	DM	PM	26.11.2021
P01	WIP	DM	PM	22.10.2021

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**VANTAGE DATA CENTERS**

Client	KILCABERY 110KV SUBSTATION & MV CLIENT COMPOUND		
Project	PROPOSED 110KV ROUTE		
Dwg. Title	TYPICAL DUCTING TRENCH DETAILS		
Drawn By	DM	Date	OCT 2021
Checked By	PM	Scale	AS INDICATED @ A1
Project Code	Originator	Zone/Phase	Level
21_115 - CSE - 00 - XX - DR - C - 1300			
Status Code	S2	Suitability Description	PRELIMINARY
Revision	P04	Project Status	PRELIMINARY