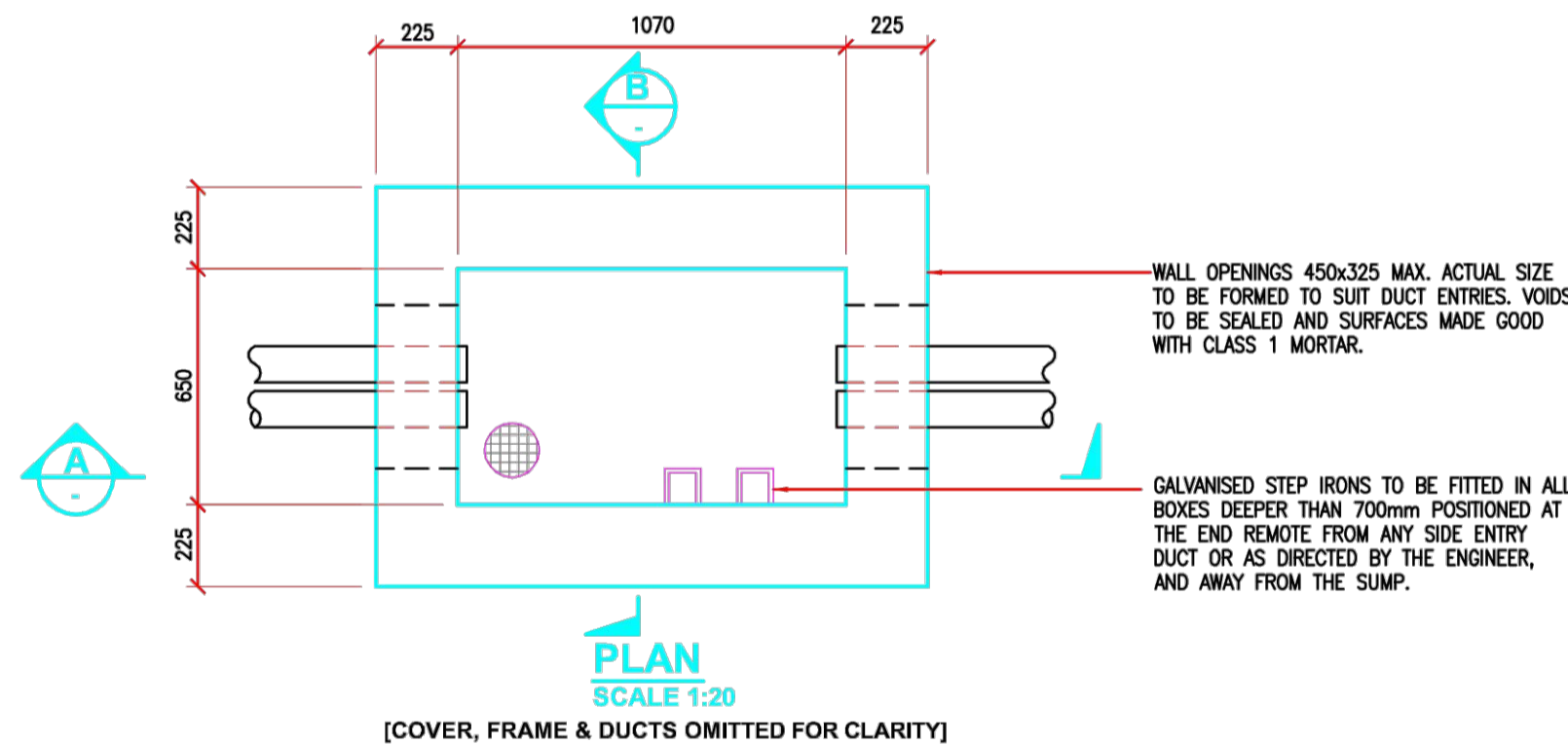


SECTION A-A

SECTION B-B

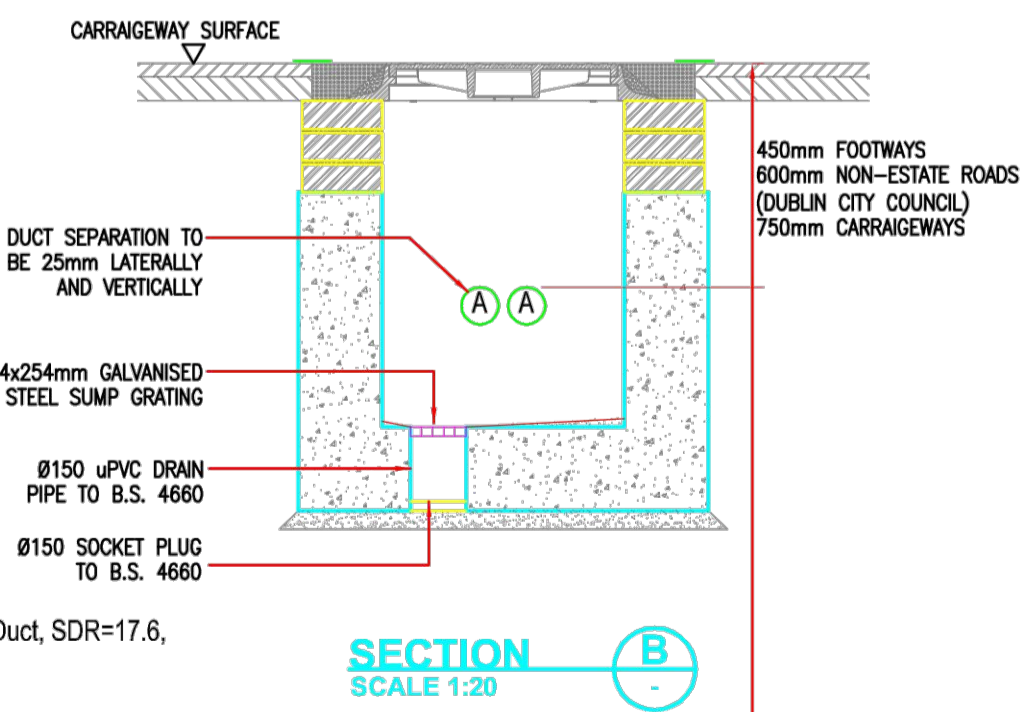
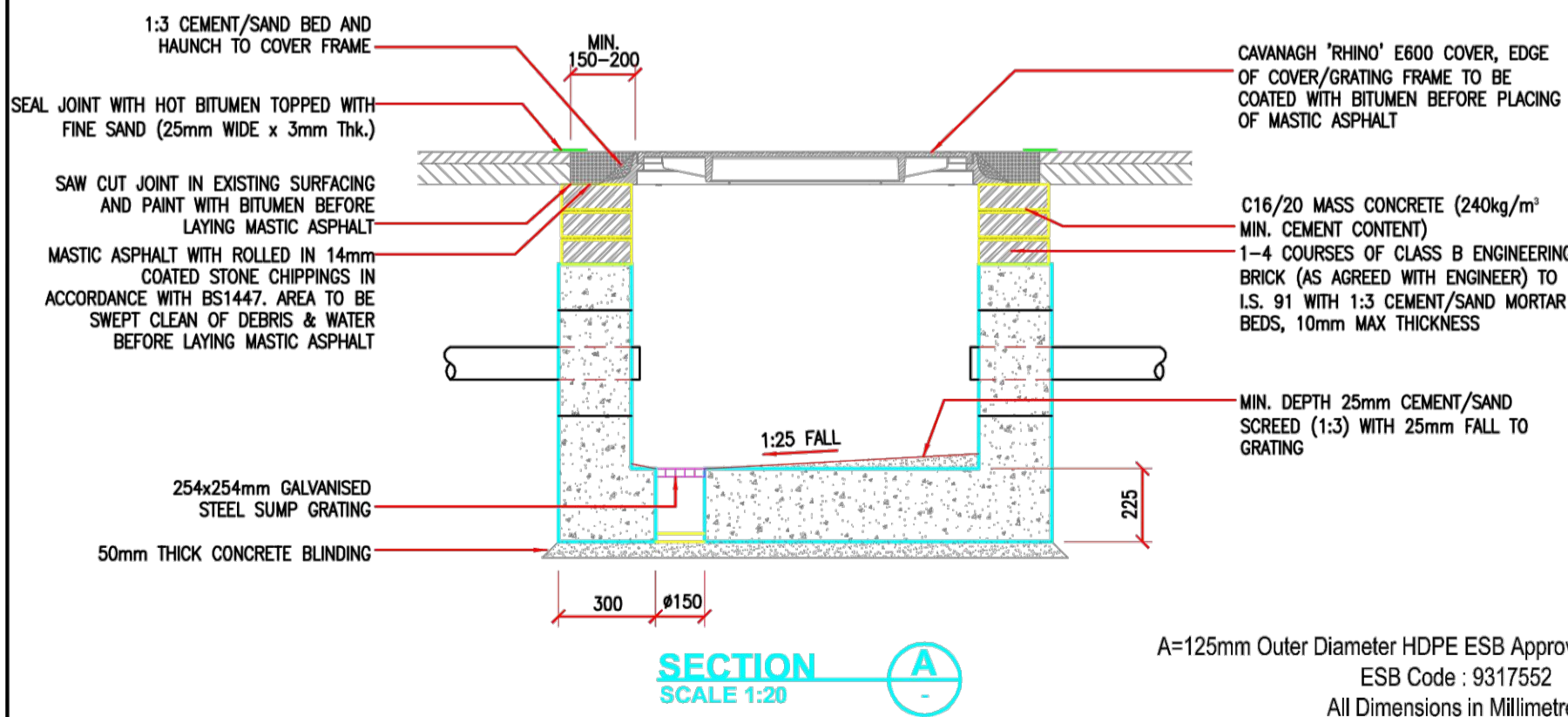
ELEVATION WALL 3  
WALL 4 SIMILAR

<p>1 4/09 New Revision</p> <p>Client: ESB NETWORKS</p> <p>Project: HV Cables Standards</p> <p>Contract: CABLES SERVICES TO ESB</p>	<p>ESB International</p> <p>ESB Engineering &amp; Facility Management Ltd.</p> <p>Stephen Court, 18/21 St. Stephen's Green, Dublin 2, Ireland</p> <p>Telephone: +353 1 703 8000 Fax: +353 1 491 0000</p> <p>Website: www.esb.ie</p> <p>Registered Office: as above</p> <p>Registered in Ireland No. 155249</p>	<p>Client: ESB NETWORKS</p>	<p>Drawing title: C2 COMMUNICATIONS CHAMBER REINFORCEMENT DETAILS</p>	<p>Copyright ESB International Ltd. All rights reserved. No part of this work may be modified or reproduced or copied in any form or by any means, graphic, electronic or mechanical, including photocopying, recording, taping or information and retrieval systems, or used for any purpose other than its designated purpose, without the written permission of ESB International Limited.</p>	
		<p>Drawn: J.Dillon</p> <p>Client ref.: TC200033</p>	<p>Verified: K.Coughlan</p> <p>No. of sheets: 4</p>	<p>Approved: J.Daly</p> <p>Size: A3</p>	<p>Approved date: 16/04/2009</p> <p>Scale:</p>
		<p>Purpose of Issue - Preliminary unless Indicated</p> <p>Tender <input checked="" type="checkbox"/> Client approval <input type="checkbox"/> Construction <input type="checkbox"/> As-built <input type="checkbox"/> Revised <input type="checkbox"/></p>		<p>Production unit: High Voltage Engineering</p>	<p>Drawing number: PE424-D7001-004-003-001</p>
		<p>Sheet: 1 of 4</p>			



NOTES:

1. ALL DIMENSIONS IN MILLIMETRES.
2. REINSTATEMENT TO COMPLY WITH REQUIREMENTS OF THE RELEVANT LOCAL AUTHORITY.
3. END DUCTS TO BE IN LINE.
4. ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROADWORKS, MAY 2005 & SUBSEQUENT REVISIONS.
5. REINFORCED CONCRETE TO BE MINIMUM GRADE C32/40 TO BS EN 206. SULPHATE RESISTING CEMENT TO BE USED WHERE AGGRESSIVE SOIL CONDITIONS APPLY. REFER TO TABLE 6.1 OF B.S. 8110.
6. CARRIAGEWAY COVERS AND FRAMES TO BE TO B.S. EN 124.
7. ALL COVERS SHALL HAVE 'ESB' LOGO INCORPORATED IN THEM TO THE APPROVAL OF THE ENGINEER.
8. STEP IRONS TO BE HOT DIPPED GALVANISED TO B.S. 729 AND POSITIONED AS SHOWN ON ANY CHAMBER DEEPER THAN 700mm ON THE END REMOTE FROM ANY SIDE ENTRY DUCT.
9. BRICKWORK TO BE CLASS B ENGINEERING. BEDS AND JOINTS TO BE CLASS 1 MORTAR.



<p>1 07/11 New Revision - Camera dist</p> <p>Client: ESB NETWORKS</p> <p>Project: HV Cables Standards</p> <p>Contract: CABLES SERVICES TO ESB</p>	<p>ESB International</p> <p>ESB Engineering &amp; Facility Management Ltd.</p> <p>Stephen Court, 18/21 St. Stephen's Green, Dublin 2, Ireland</p> <p>Telephone: +353 1 703 8000 Fax: +353 1 491 0000</p> <p>Website: www.esb.ie</p> <p>Registered Office: as above</p> <p>Registered in Ireland No. 155249</p>	<p>Client: ESB NETWORKS</p>	<p>Drawing title: C2 COMMUNICATIONS CHAMBER GENERAL ARRANGMENT</p>	<p>Copyright ESB International Ltd. All rights reserved. No part of this work may be modified or reproduced or copied in any form or by any means, graphic, electronic or mechanical, including photocopying, recording, taping or information and retrieval systems, or used for any purpose other than its designated purpose, without the written permission of ESB International Limited.</p>	
		<p>Drawn: J.Dillon</p> <p>Client ref.: TC200033</p>	<p>Verified: M.Byrne</p> <p>No. of sheets: 4</p>	<p>Approved: M.Byrne</p> <p>Size: A3</p>	<p>Approved date: 19/07/11</p> <p>Scale: A3</p>
		<p>Purpose of Issue - Preliminary unless Indicated</p> <p>Tender <input type="checkbox"/> Client approval <input type="checkbox"/> Construction <input type="checkbox"/> As-built <input type="checkbox"/> Revised <input type="checkbox"/></p>		<p>Production unit: High Voltage Engineering</p>	<p>Drawing number: PE424-D7001-004-002-001</p>
		<p>Sheet: 1 of 4</p>			

Project:		HV Cables Standards											
Title:		R.C. DETAILS OF COMMUNICATIONS CHAMBER											
DRG. No.	REV.	Rev									Chk.		
PE424-7001-004-003	001												
* Specified to Nearest 5mm		All Bending Dimensions are in accordance with B.S. 4466 (1989)											
+ Specified to Nearest 25mm													
Member	Bar Mark	Type	Size (mm)	Nr. of Mbrs.	Nr. in Each	Total Nr.	Length of Each Bar mm +	Shape Code	A * mm	B * mm	C * mm	D * mm	E/r * mm
BASE	01	T	12	1	9	9	2625	38	975	730			
	02	T	12	1	9	9	1225	35	1020				
	03	T	12	1	7	7	3025	38	975	1150			
	04	T	12	1	7	7	1650	35	1440				
	05	T	12	1	28	28	1425	37	975				
WALLS	04	T	12	2	5	10	1650	35	1440				
	06	T	12	2	10	20	1350	37	750				
	07	T	12	2	5	10	2600	38	750	1150			

<p>ESB International</p> <p>ESB Engineering &amp; Facility Management Ltd.</p> <p>Stephen Court, 18/21 St. Stephen's Green, Dublin 2, Ireland</p> <p>Telephone: +353 1 703 8000 Fax: +353 1 491 0000</p> <p>Website: www.esb.ie</p> <p>Registered Office: as above</p> <p>Registered in Ireland No. 155249</p>	<p>Client: ESB NETWORKS</p> <p>Project: HV Cables Standards</p> <p>Contract: CABLES SERVICES TO ESB</p>	<p>Drawn: J.Dillon</p> <p>Client ref.: TC200033</p>	<p>Verified: K.Coughlan</p> <p>No. of sheets: 4</p>	<p>Approved: J.Daly</p> <p>Size: A4</p>	<p>Approved date: 28/04/2009</p> <p>Scale: N/A</p>	
		<p>Purpose of Issue - Preliminary unless Indicated</p> <p>Tender <input type="checkbox"/> Client approval <input type="checkbox"/> Construction <input type="checkbox"/> As-built <input type="checkbox"/> Revised <input type="checkbox"/></p>		<p>Drawing title: C2 COMMUNICATIONS CHAMBER STEEL REINFORCEMENT SCHEDULE</p>		
		<p>Production unit: High Voltage Engineering</p>		<p>Drawing number: PE424-D7001-004-004-000</p>		
		<p>Sheet: 1 of 4</p>				

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: TYPICAL DETAILS OF C2 CHAMBER

Dwg. Title	DM	Date	OCT 2021	21_115
Drawn By	PM	AS INDICATED @ A1		CSEA Job No.
Checked By				
Project Code	Originator	Zone/Phase	Level	Type
21_115 - CSE - 00 - XX - DR - C - 2306				

S2	PRELIMINARY
Status Code	Suitability Description
P04	PRELIMINARY
Revision	Project Status