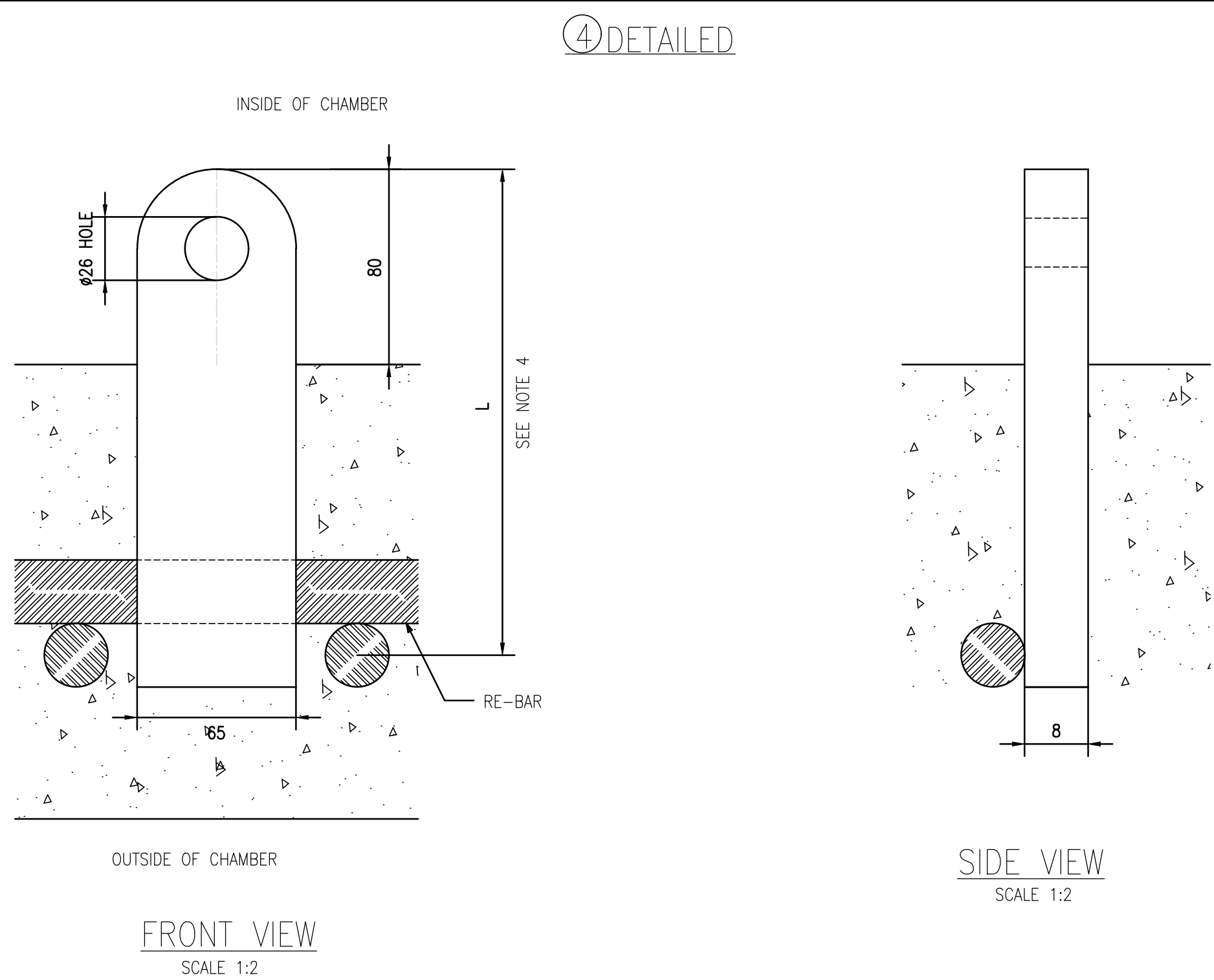
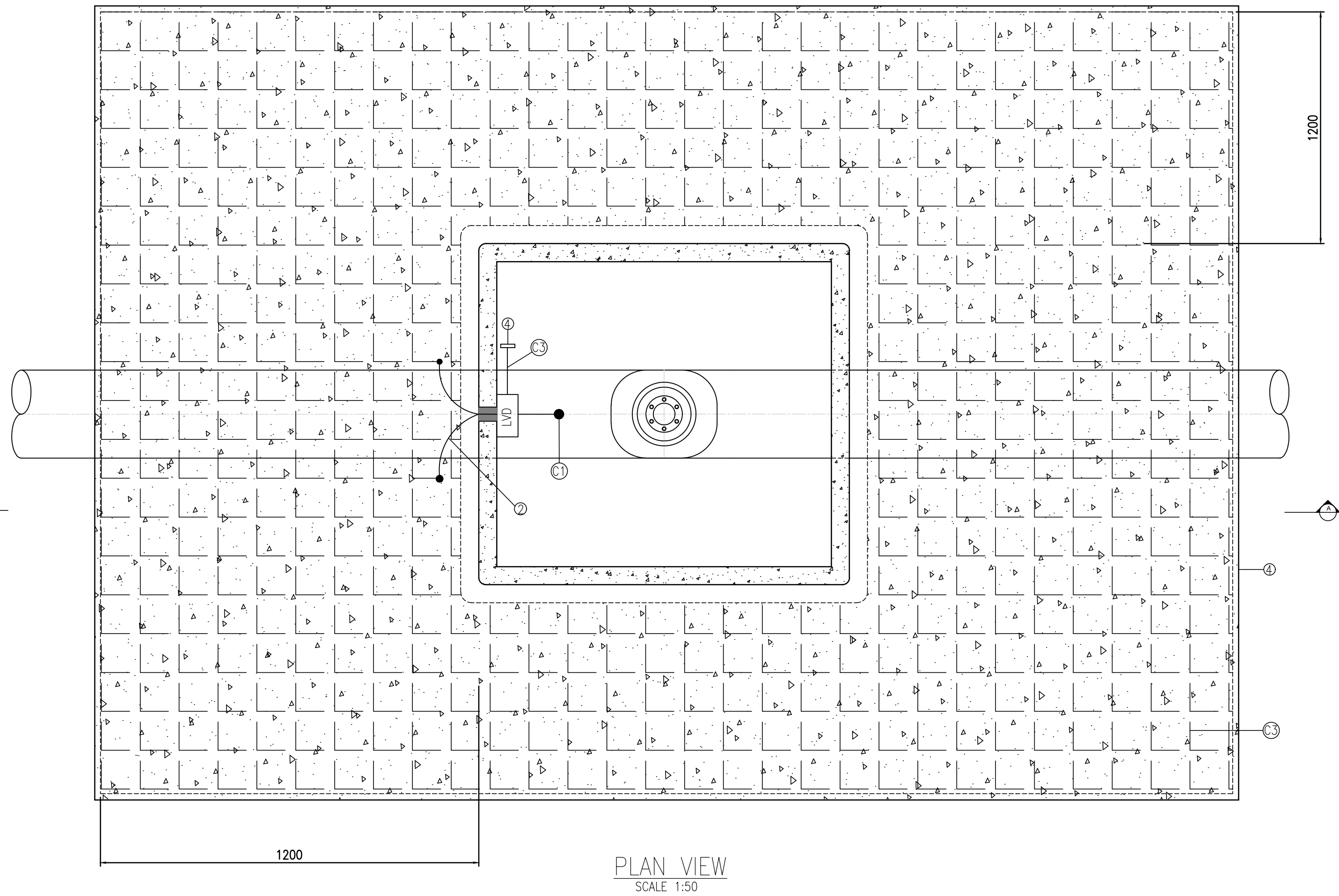
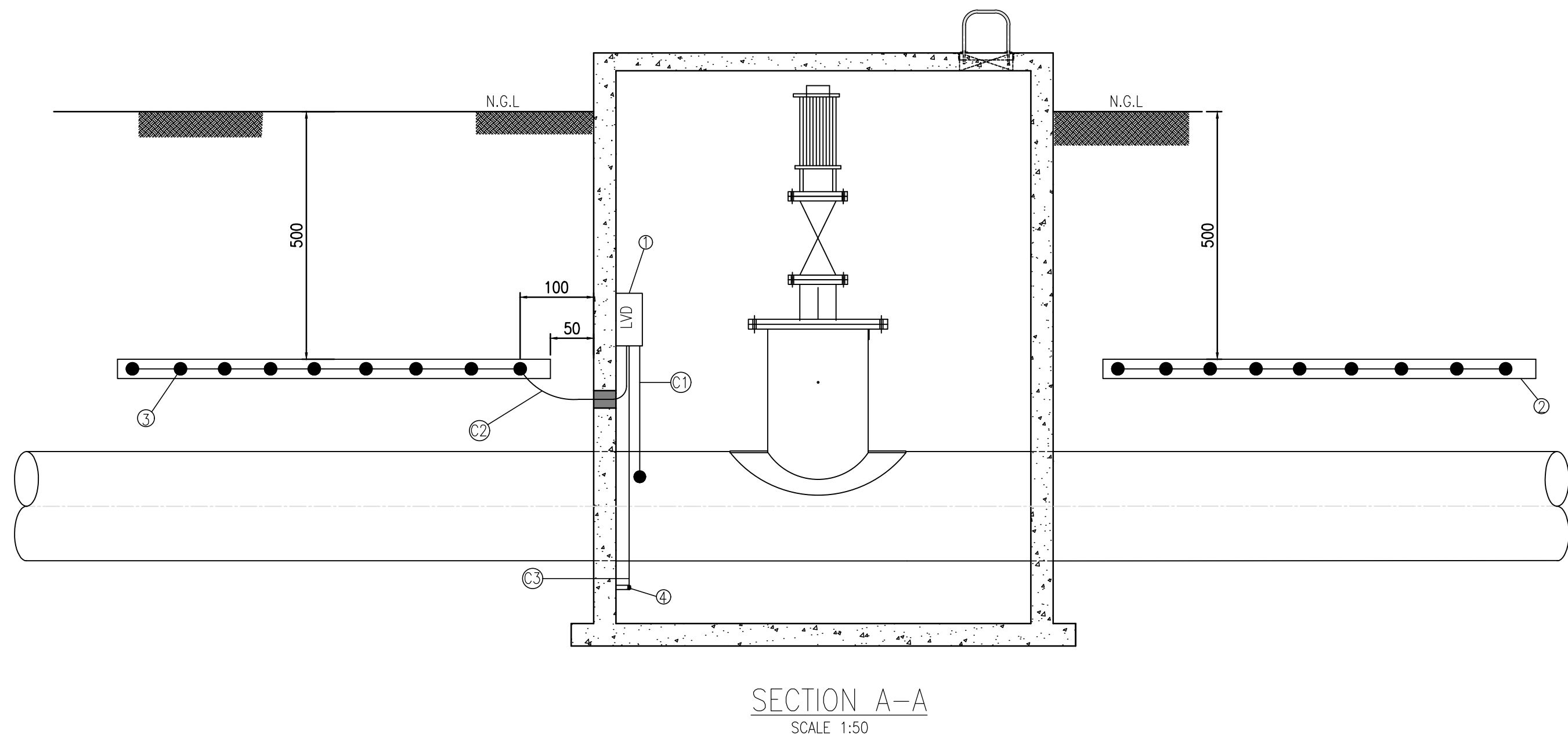




MATERIALS LIST			
ITEM	QTY.	DESCRIPTION	MATERIAL / REFERENCE
1	1	RE-BAR CONNECTING PLATE	STAINLESS STEEL

1. PLATE TO BE CONNECTED TO REBAR / WELD MESH BY WELDING.
2. PLATE MUST PROTRUDE 80mm FROM CONCRETE.
3. PLATE TO BE POSITIONED IN CLOSE PROXIMITY TO PIPE.
4. LENGTH TO BE CONFIRMED ON SITE, WILL DEPEND ON CHAMBER WALL THICKNESS AND REBAR LOCATION.

MATERIALS LIST			
ITEM	QTY.	DESCRIPTION	MATERIAL / REFERENCE
1	1	VOLTAGE LIMITING DEVICE	INSTALLED INSIDE JUNCTION
2	AS REQ'D	CONCRETE ENCASEMENT FOR EXTERNAL GRADIENT MAT (100mm THK.)	CAST IN-SITU
3	AS REQ'D	EXTERNAL GRADIENT MAT	200x200x6mm ² STEEL WELD MESH, NOT GALVANIZED
4	1	RE-BAR CONNECTING PLATE	STEEL

CABLE SCHEDULE & MATERIAL DESCRIPTION									
ITEM	QTY.	LENGTH OF EACH	CABLE SERVICE	CABLE DESCRIPTION				MATERIAL	
				CORE mm ²	CORE QTY.	STRAND TYPE	COLOUR		
							BODY	CORE	
C1	2	AS REQ'D	PIPE CONNECTION	16	1	MULTI	BLACK		COPPER PVC/PVC
C2	2	AS REQ'D	EXTERNAL GRADIENT MAT	16	1	MULTI	BLACK/GREEN		COPPER PVC/PVC
C3	2	AS REQ'D	RE-BAR CONNECTION	16	1	MULTI	BLACK/GREEN		COPPER PVC/PVC

REVISIONS				
No	DATE	CHECKED	APPROVED	DESCRIPTION

REFERENCE DRAWINGS	
NUMBER	TITLE



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SAP No.	P.XXXXX	CHECKED BY	
CONTRACT No.	RWXXXXX/XX	D.O.M. c. TUMBARE	
DESIGNED BY	XXX	APPROVED	Pr Eng
DRAWN BY	KS KWINDA	REG. No.	
DATE	2017-03-22	DATE	

RAND WATER
STANDARD DRAWING

CATHODIC PROTECTION EXTERNAL
EARTH MAT INSTALLATION

STATION		WKS		DOC. TYPE	S
SCALE	: AS SHOWN				