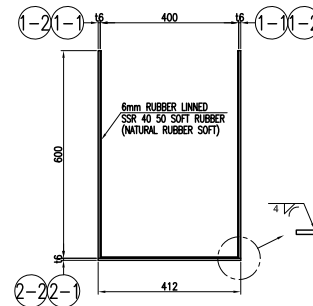
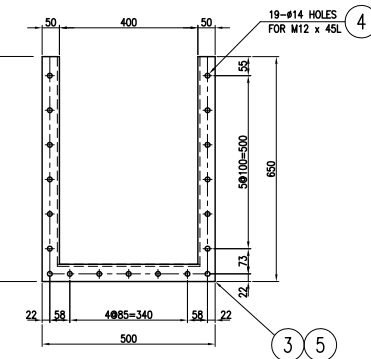
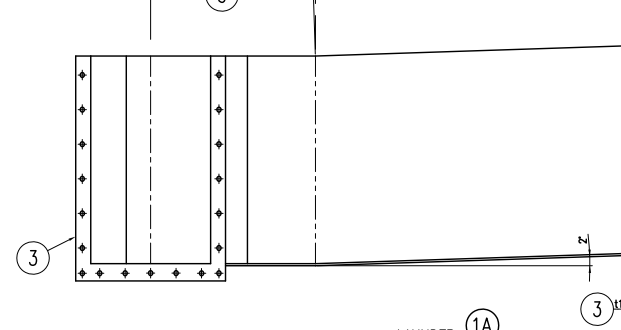
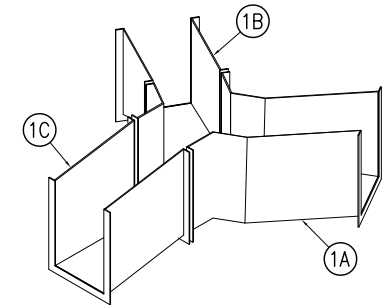




FLANGE DETAIL

GASKET DETAIL

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. QUANTITY SHOWN ARE FOR 1 UNIT
3. REQ'D : 6 UNIT

LAUNDER 1A				
ITEM NO.	NAME OF PART	MATERIAL	Q'TY	REMARKS
PART CODE				
(1) SET TO BE MANUFACTURED				

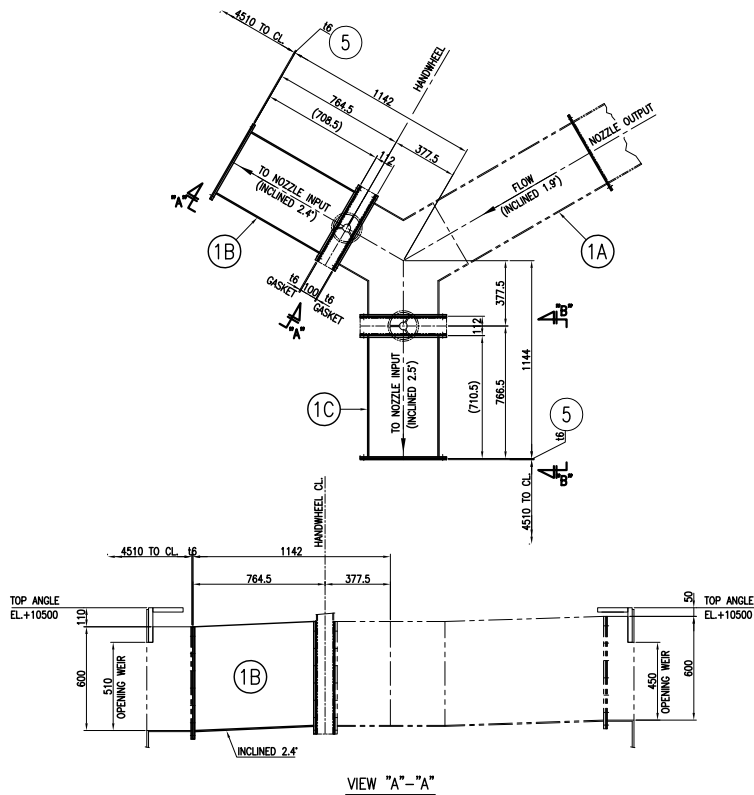

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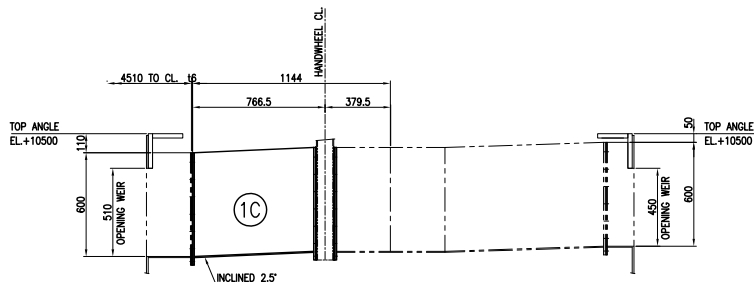
CPM
PT Citra Palu Mineral

PT. HANA ZONO ENGINEERING INDO

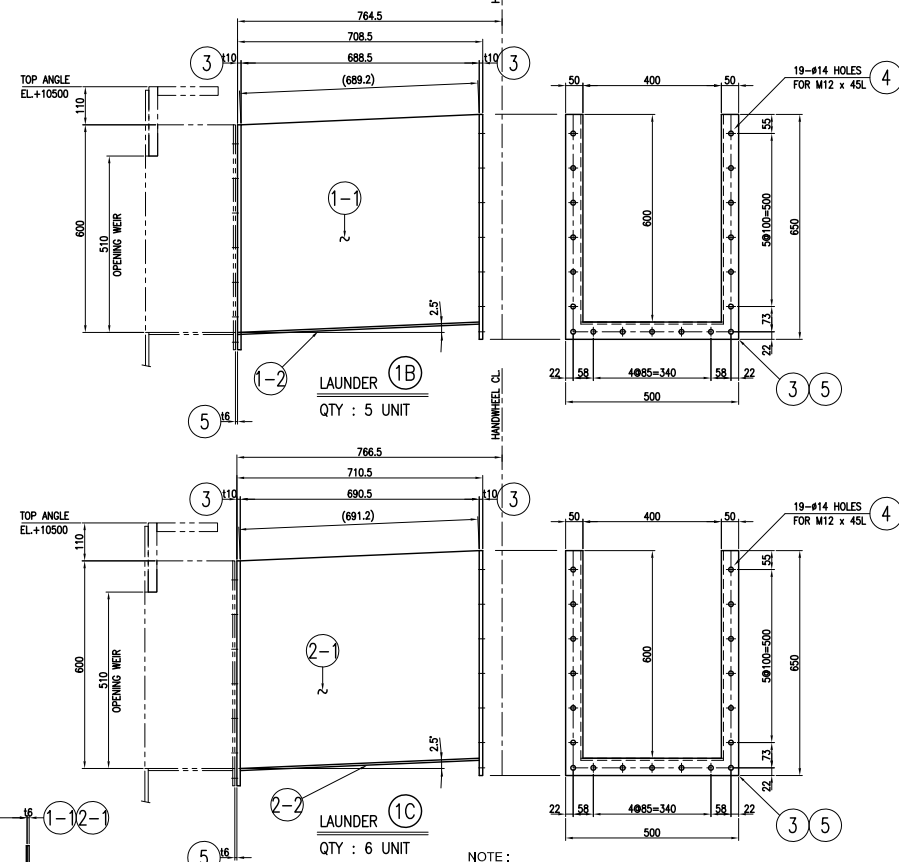
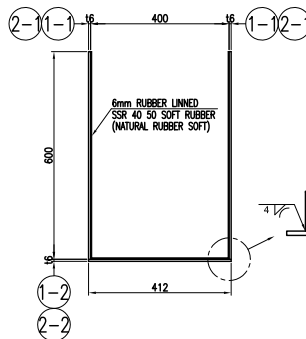
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CLIENT NUM -		
PROJ NUM PT0061.08	SHT: 1 OF 3	
MARK NUM -	DRG NUM E2502-000-DWG-802	REV 00



VIEW "A" - "A"



VIEW "B" - "B"



NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. QUANTITY SHOWN ARE FOR 1 UNIT
3. RECD: a. LAUNDER 1B: 5 UNIT
b. LAUNDER 1C: 6 UNIT

ITEM NO.	NAME OF PART	MATERIAL	QTY	REMARKS
5	GASKET	RUBBER	2	NATURAL RUBBER - 50 SHORE
4	BOLT/NUT	ASTM A36	38	M12 x 45L
3	FLANGE PLATE	ASTM A36	2	t10
-2	LAUNDER BASE	ASTM A36	1	t6
-1	LAUNDER BASE	ASTM A36	2	t6

ITEM NO.	NAME OF PART	MATERIAL	QTY	REMARKS
5	GASKET	RUBBER	2	NATURAL RUBBER - 50 SHORE
4	BOLT/NUT	ASTM A36	38	M12 x 45L
3	FLANGE PLATE	ASTM A36	2	t10
-2	LAUNDER BASE	ASTM A36	1	t6
-1	LAUNDER NECK	ASTM A36	2	t6

ITEM NO.	NAME OF PART	MATERIAL	QTY	REMARKS
5	GASKET	RUBBER	2	NATURAL RUBBER - 50 SHORE
4	BOLT/NUT	ASTM A36	38	M12 x 45L
3	FLANGE PLATE	ASTM A36	2	t10
-2	LAUNDER BASE	ASTM A36	1	t6
-1	LAUNDER NECK	ASTM A36	2	t6

(1) SET TO BE MANUFACTURED

REV	DATE	DESCRIPTION	DRN	CKD	DESIGN	LEAD	PROJ	CLIENT
DO	01/08/26	FINAL	INR	HER	DS	HK	MS	-
C	13/03/26	ISSUED FOR APPROVAL	INR	HER	DS	HK	MS	-
B	20/02/26	ISSUED FOR APPROVAL	INR	HER	DS	HK	MS	-
A	21/01/26	ISSUED FOR APPROVAL	INR	HER	DS	HK	MS	-



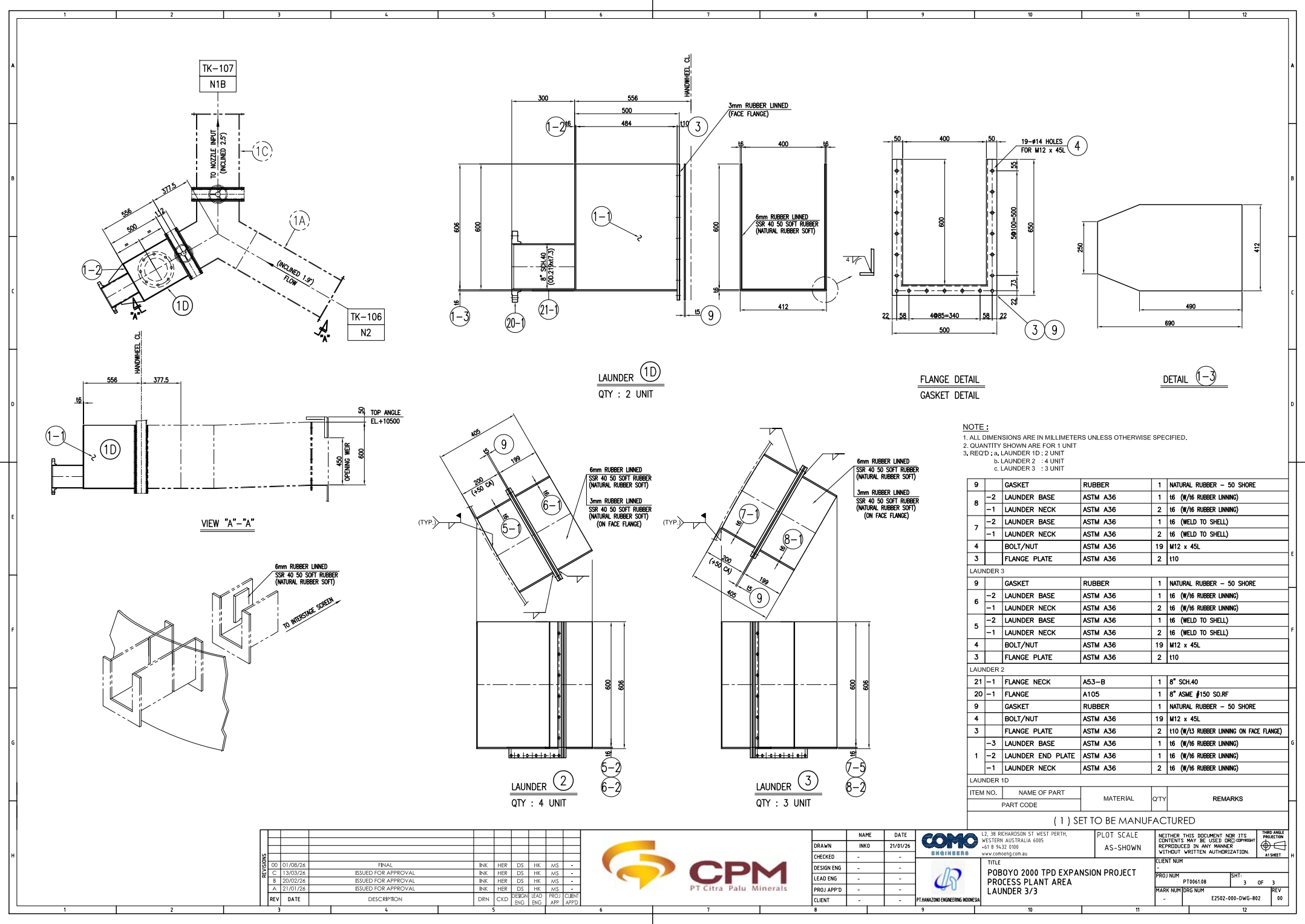
NAME	DATE
INR	21/01/26
HER	-
DS	-
HK	-
MS	-



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PLOT SCALE
AS SHOWN

CLIENT NAME	PROJECT NAME	DATE	REV
PT006108	POBOYO 2000 TPD EXPANSION PROJECT PROCESS PLANT AREA LAUNDER 2/3	2 OF 3	00



NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. QUANTITY SHOWN ARE FOR 1 UNIT
3. REQD : a. LAUNDER 1D : 2 UNIT
b. LAUNDER 2 : 4 UNIT
c. LAUNDER 3 : 3 UNIT

9	GASKET	RUBBER	1	NATURAL RUBBER - 50 SHORE
-2	LAUNDER BASE	ASTM A36	1	16 (W/16 RUBBER LINING)
8	-1 LAUNDER NECK	ASTM A36	2	16 (W/16 RUBBER LINING)
-2	LAUNDER BASE	ASTM A36	1	16 (WELD TO SHELL)
-1	LAUNDER NECK	ASTM A36	2	16 (WELD TO SHELL)
4	BOLT/NUT	ASTM A36	19	M12 x 45L
3	FLANGE PLATE	ASTM A36	2	t10

LAUNDER 3

9	GASKET	RUBBER	1	NATURAL RUBBER - 50 SHORE
-2	LAUNDER BASE	ASTM A36	1	16 (W/16 RUBBER LINING)
6	-1 LAUNDER NECK	ASTM A36	2	16 (W/16 RUBBER LINING)
-2	LAUNDER BASE	ASTM A36	1	16 (WELD TO SHELL)
5	-1 LAUNDER NECK	ASTM A36	2	16 (WELD TO SHELL)
4	BOLT/NUT	ASTM A36	19	M12 x 45L
3	FLANGE PLATE	ASTM A36	2	t10

LAUNDER 2

21	-1 FLANGE NECK	A53-B	1	8" SCH.40
20	-1 FLANGE	A105	1	8" ASME #150 SO.RF
9	GASKET	RUBBER	1	NATURAL RUBBER - 50 SHORE
4	BOLT/NUT	ASTM A36	19	M12 x 45L
3	FLANGE PLATE	ASTM A36	2	t10 (W/13 RUBBER LINING ON FACE FLANGE)
-3	LAUNDER BASE	ASTM A36	1	16 (W/16 RUBBER LINING)
1	-2 LAUNDER END PLATE	ASTM A36	1	16 (W/16 RUBBER LINING)
-1	LAUNDER NECK	ASTM A36	2	16 (W/16 RUBBER LINING)

LAUNDER 1D

ITEM NO.	NAME OF PART	MATERIAL	QTY	REMARKS
PART CODE				

(1) SET TO BE MANUFACTURED

DRAWN		NAME	DATE	COMO ENGINEERS L2, 38 RICHARDSON ST WEST PERTH, WESTERN AUSTRALIA 6005 +61 8 9432 0900 www.comoeng.com.au	PLOT SCALE AS-SHOWN	NEITHER THIS DOCUMENT NOR ITS CONTENTS MAY BE USED OR REPRODUCED WITHOUT WRITTEN AUTHORIZATION.	THIRD ANGLE PROJECTION AS SHEET
CHECKED		INKO	21/01/26				
DESIGN ENG		-	-				
LEAD ENG		-	-				
PROJ APP'D		-	-				
CLIENT		-	-				
PT HANAZONO ENGINEERING INDONESIA					TITLE POBOYO 2000 TPD EXPANSION PROJECT PROCESS PLANT AREA LAUNDER 3/3		
PROJECT NUM					CLIENT NUM		
PROJ NUM					SHT.		
MARK NUM					REV		
-					00		

REV	DATE	DESCRIPTION	DRN	CKD	DESIGN	LEAD	PROJ	CLIENT
DO	01/08/26	FINAL	INK	HER	DS	HK	MS	-
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B	20/02/26	ISSUED FOR APPROVAL	INK	HER	DS	HK	MS	-
A	21/01/26	ISSUED FOR APPROVAL	INK	HER	DS	HK	MS	-



DRAWN	NAME	DATE
CHECKED	INKO	21/01/26
DESIGN ENG	-	-
LEAD ENG	-	-
PROJ APP'D	-	-
CLIENT	-	-