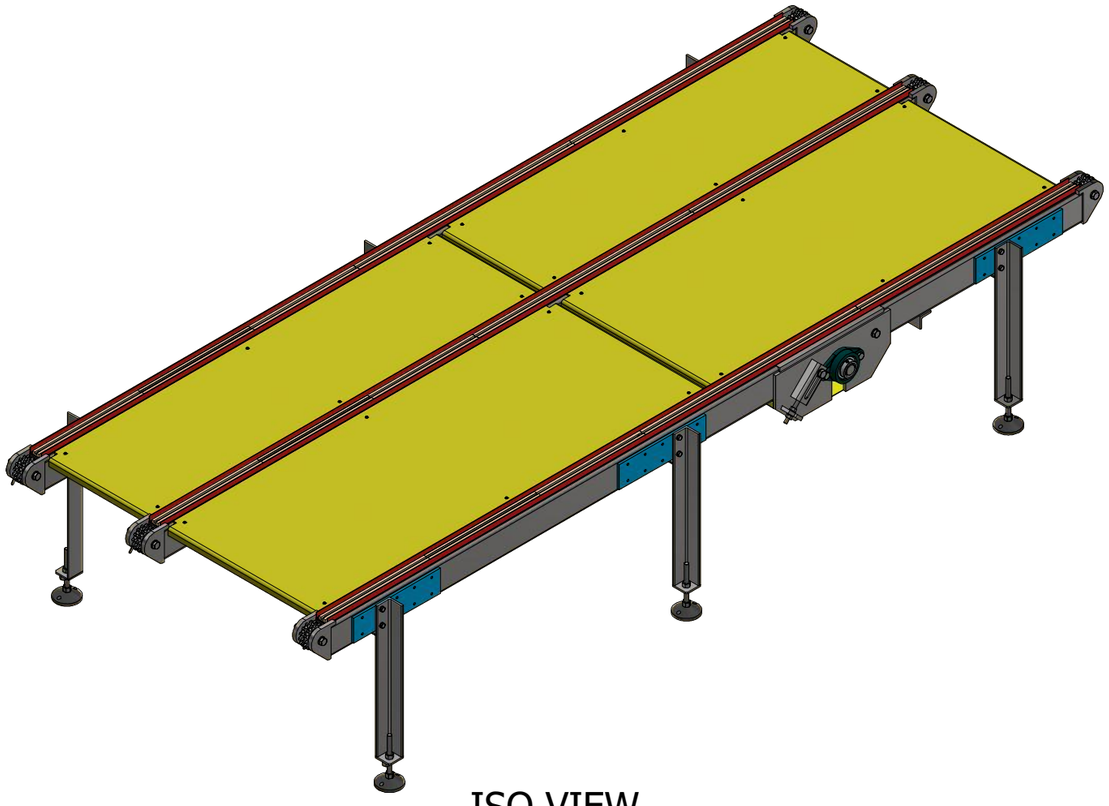
DO NOT SCALE DRAWING



ISO VIEW
SCALE 1:20

ITEM	PART NUMBER	DESCRIPTION	COMMENTS	ITEM QTY
45	14 TOOTH DOUBLE ROW IDLER		BSC	12
44	KA67_DRN90S4	MOTOR & GEAR UNIT	SEW EURODRIVE	1
43	AS 1110 - M16 x 55	Steel, Mild	HEX HEAD BOLTS	6
42	LDK - FL210 & NSK UC210D1 & H2309	FL210 FLANGE/ BEARING & TAPER LOCK	BSC	3
41	AS 1110 - M12 x 25	Steel, Mild	HEX HEAD BOLT	6
40	AS 1968 - 1976 - 12	Steel, Mild	SPRING WASHER	7
38	LVR10016140B	ADJUSTABLE FOOT	RICHMOND CASTORS	6
37	AS 1111 - M16 x 140	Steel, Mild	HEX HEAD BOLT	3
36	AS 1237 - 12 mm	Steel, Mild	FLAT WASHER	6
35	AS 1112 - M12	Steel, Mild	HEX NUT	6
34	P1948-000-12	Steel, Mild	194801/22	1
33	AS 1285 - M16	Steel, Mild	NYLOCK NUT	6
32	AS 1110 - M8 x 12	Steel, Mild	HEX HEAD BOLT	6
31	AS 1968 - 1976 - 8	Steel, Mild	SPRING WASHER	6
30	ISO 10642 - M5x16	Steel, Mild	COUNTER SUNK SCREW	12
29	ISO 7380-1 - M5 x 12	Steel, Mild	BUTTON HEAD SCREW	24
28	ISO 7380-1 - M5 x 16	Steel, Mild	BUTTON HEAD SCREW	12
27	AS 1110 - M10 x 25	Steel, Mild	HEX HEAD BOLT	4
26	AS 1110 - M10 x 20	Steel, Mild	HEX HEAD BOLT	14
25	AS 1968 - 1976 - 10	Steel, Mild	SPRING WASHER	18
24	AS 1110 - M16 x 50	Steel, Mild	HEX HEAD BOLT	1
23	AS 1968 - 1976 - 16	Steel, Mild	SPRING WASHER	13
22	AS 1111 - M16 x 120	Steel, Mild	HEX HEAD BOLT	6
21	AS 1237 - 16 mm	Steel, Mild	FLAT WASHER	25
20	P1948-000-28	HDPE	194801/33	3
19	P1948-000-09	Steel, Mild	194801/19	6
18	21T DRIVE SPROCKET	12B2-21T 3/4" PITCH FENNER	194810	3
16	P1948-000-10	Steel, Mild	194801/20	6
15	W1948-000-07	WELDMENT	194801/9	1
14	W1948-000-08	WELDMENT	194801/10	1
13	W1948-000-09	WELDMENT	194801/11	1
12	P1948-000-24	HDPE	194801/31	3
11	AS 1112 - M16	Steel, Mild	HEX NUT	19
10	P1948-000-21	Aluminium TREADPLATE	194801/30	1
9	P1948-000-20	Aluminium TREADPLATE	194801/29	1
8	P1948-000-19	Aluminium TREADPLATE	194801/28	1
7	P1948-000-18	Aluminium TREADPLATE	194801/27	1
6	W1948-000-05	WELDMENT	194801/8	2
5	W1948-000-04	WELDMENT	194801/7	1
4	P1948-000-15	HDPE	194801/25	12
3	P1948-000-14	Steel, Mild	194801/24	1
2	P1948-000-11	Steel, Mild	194801/21	3
1	W1948-000-03	WELDMENT	194801/6	3

A1948-000-01 - 2 REQ'D AS DRAWN

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

REV	DATE	DESCRIPTION	APPRD
1	27/04/2021	AS BUILT	DB
0	7/04/2021	APPROVED FOR MANUFACTURE	PB

REVISION HISTORY

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

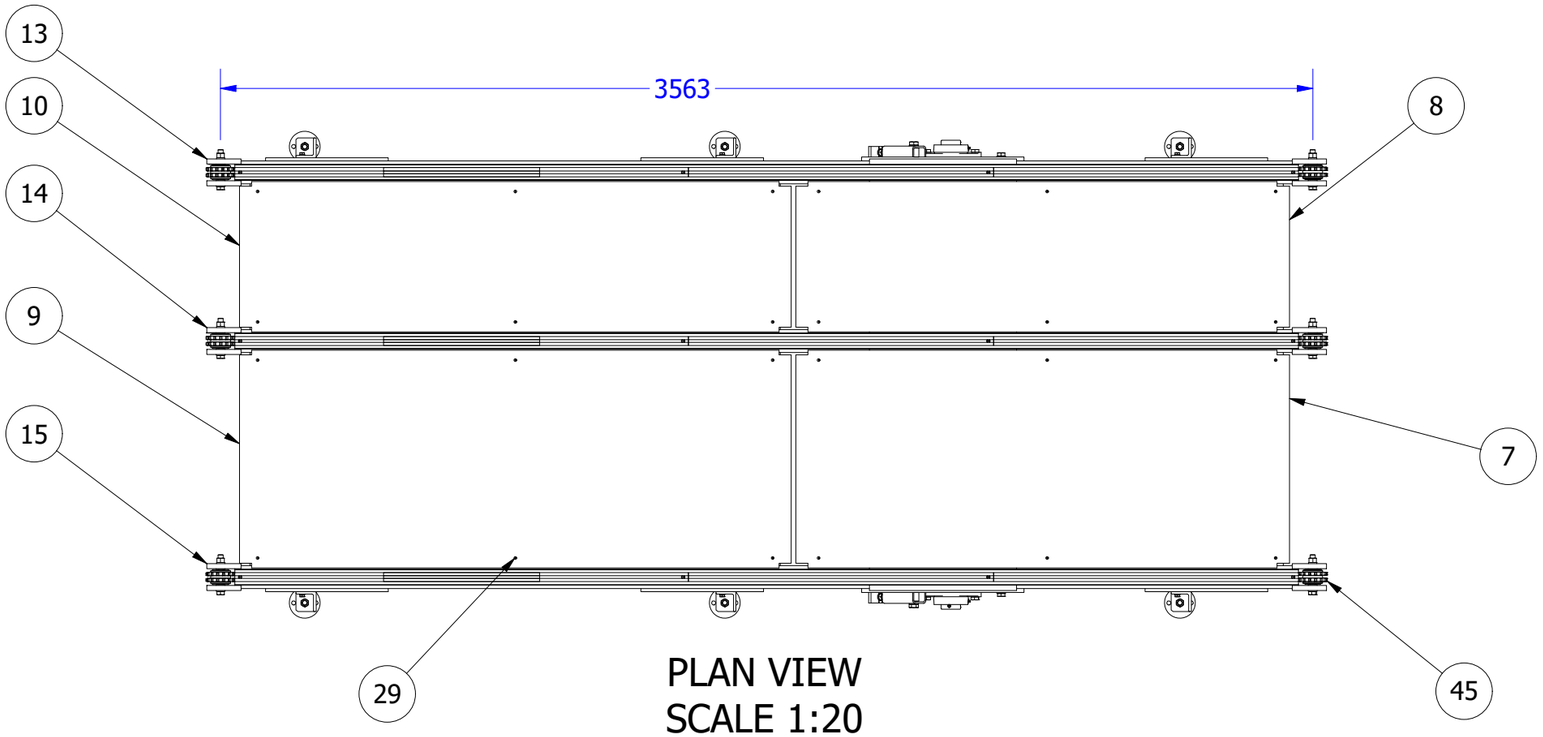
TITLE: A1948-000-01 CHAIN CONVEYORS

DWG NO: 194801

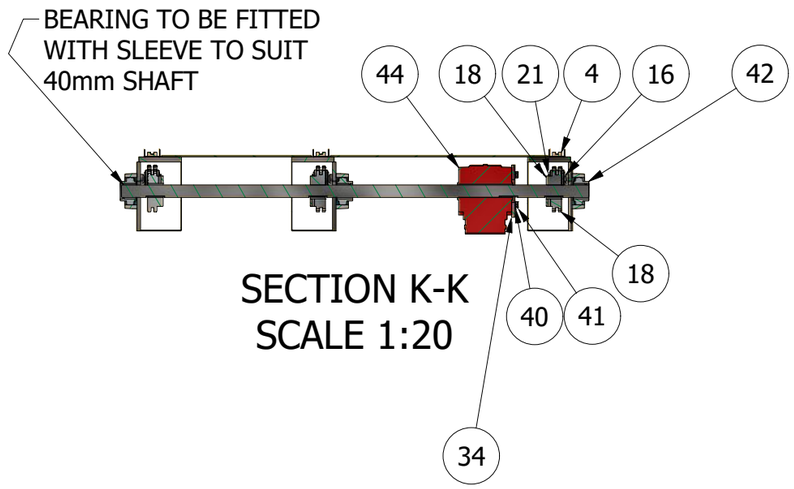
JOB NO:

SCALE: Scale | SHEET 1 OF 34 | SHEET SIZE: A3 | REV: 1

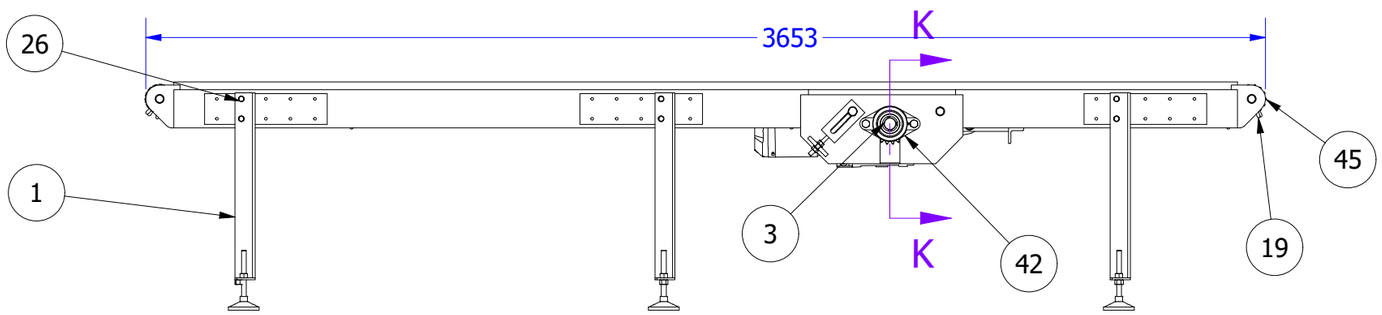
DO NOT SCALE DRAWING



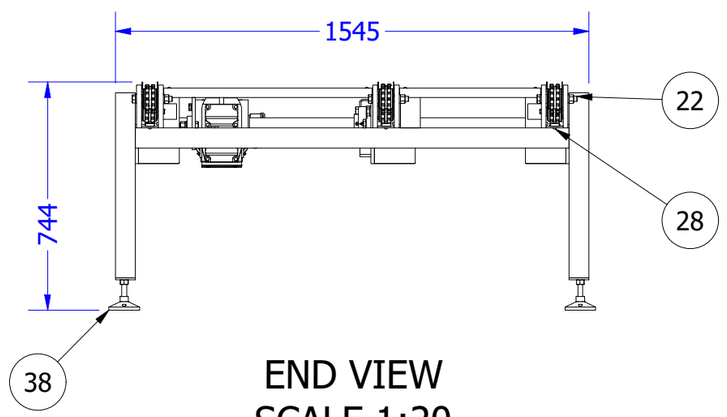
PLAN VIEW
SCALE 1:20



SECTION K-K
SCALE 1:20



SIDE VIEW
SCALE 1:20



END VIEW
SCALE 1:20

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: A1948-000-01 CHAIN CONVEYORS

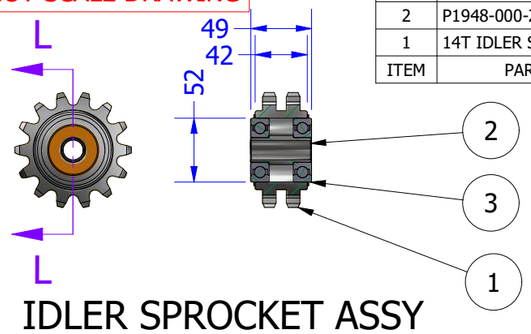
DWG NO: 194801

JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	2 OF 34	A3	1

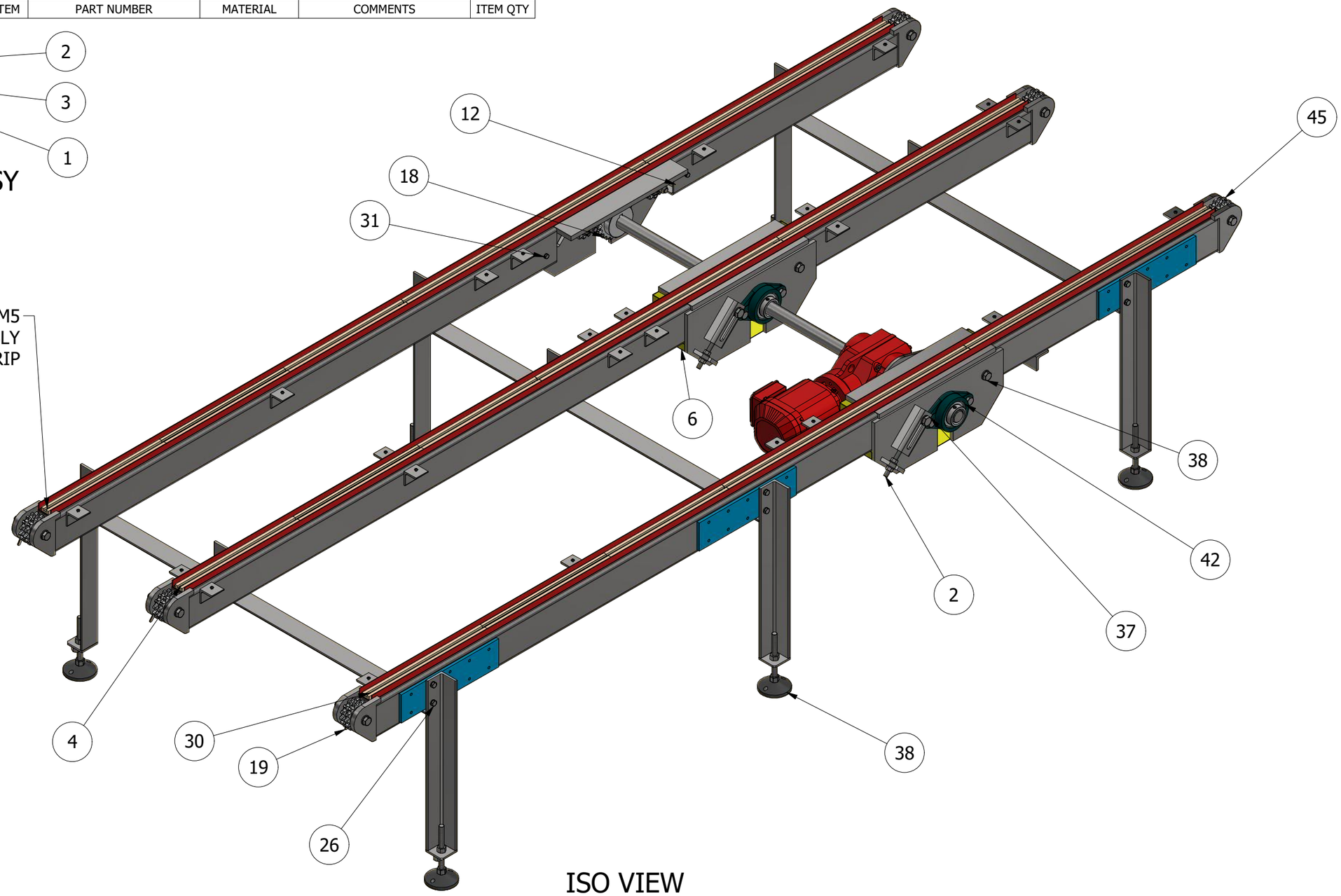
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
3	NTN 6304LLUNR	Steel, Mild	BEARING	2
2	P1948-000-29	Steel, Mild	194801/34	1
1	14T IDLER SPROCKET	Steel, Mild	12B2-14 3/4" PITCH	1



IDLER SPROCKET ASSY
SCALE 1:5

DRILL AND TAP M5
ON ASSEMBLY
SAME APPLIES TO BOTTOM WEAR STRIP



ISO VIEW
TREADPLATE REMOVED
SCALE 1:12.5

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

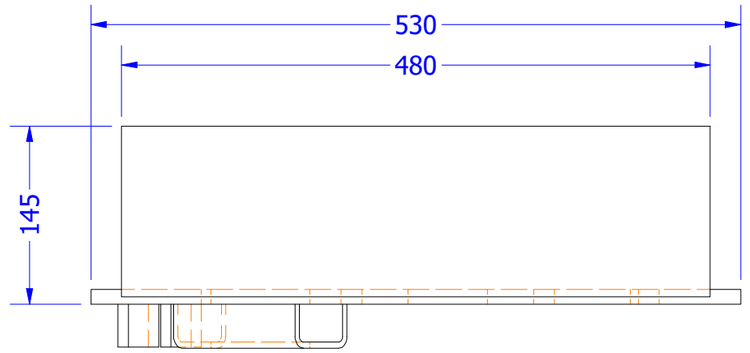
DRAWN: David Bilney
DESIGNED: David Bilney
DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING
TITLE: A1948-000-01 CHAIN CONVEYORS
DWG NO: 194801
JOB NO:
SCALE: Scale | SHEET 3 OF 34 | SHEET SIZE: A3 | REV: 1

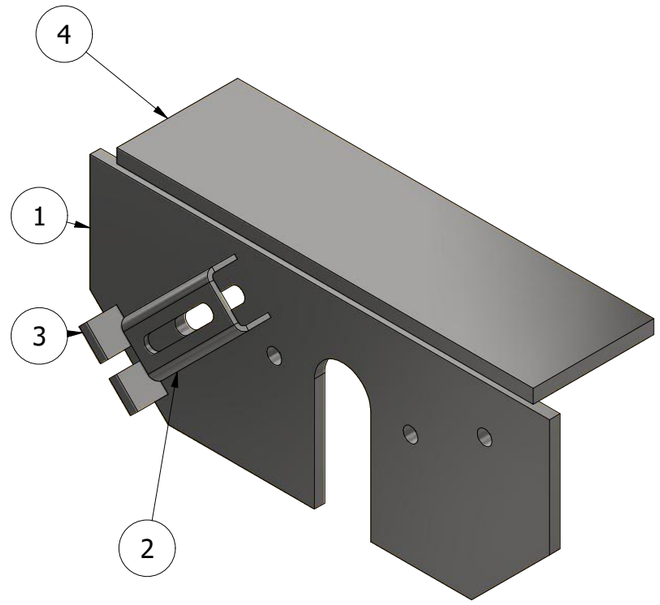
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
4	P1948-000-03	Steel, Mild	194801/14	1
3	P1948-000-05	Steel, Mild	194801/16	2
2	P1948-000-04	Steel, Mild	194801/15	1
1	P1948-000-01	Steel, Mild	194801/12	1

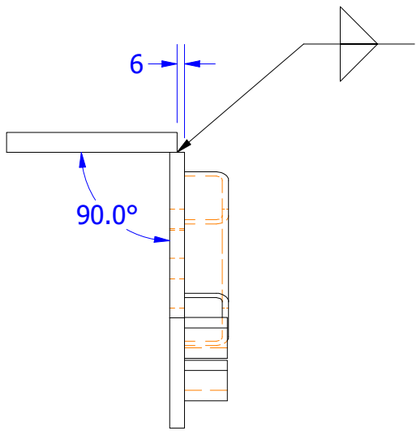
W1948-000-01 - 2 REQ'D AS DRAWN



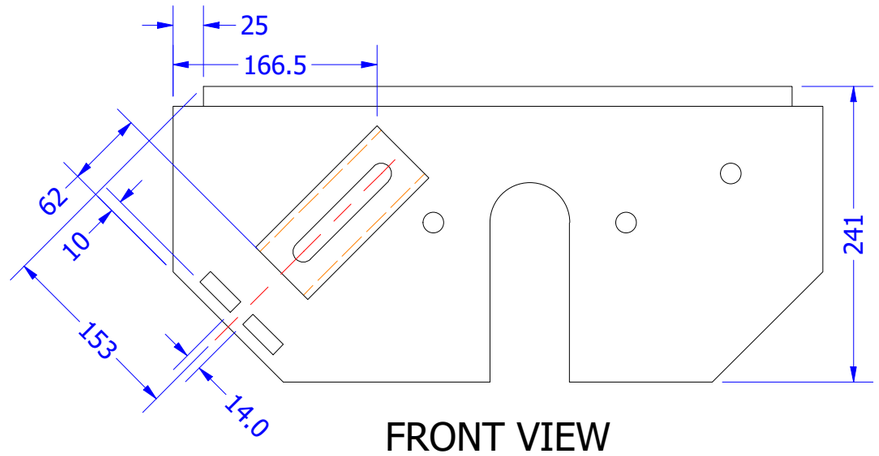
PLAN VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5



END VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-000-01 CHAIN CONVEYORS

DWG NO: 194801/4

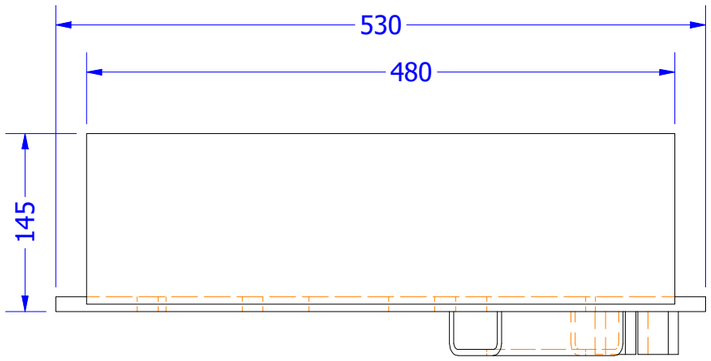
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	4 OF 34	A3	1

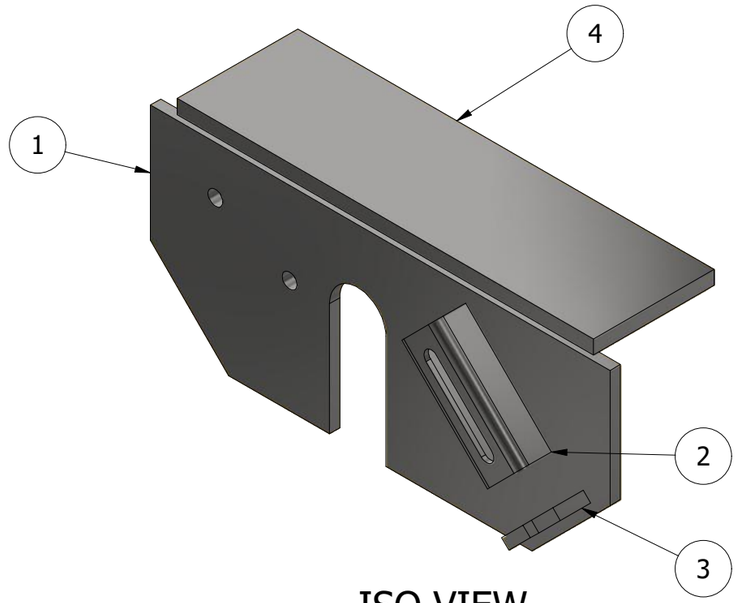
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
4	P1948-000-03	Steel, Mild	194801/14	1
3	P1948-000-05	Steel, Mild	194801/16	2
2	P1948-000-04	Steel, Mild	194801/15	1
1	P1948-000-01	Steel, Mild	194801/12	1

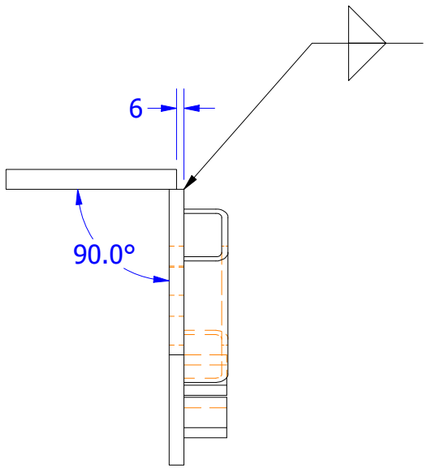
W1948-000-02 - 1 REQ'D AS DRAWN



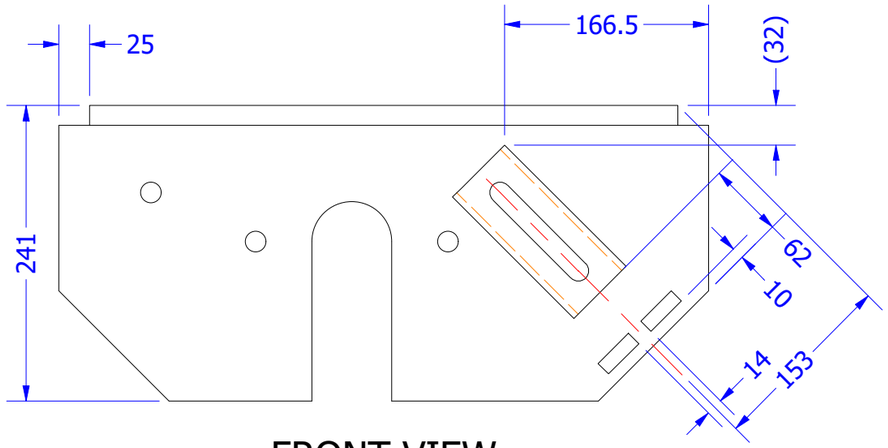
PLAN VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5



END VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

CUSTOMER: RAB ENGINEERING

DRAWN: David Bilney

TITLE: W1948-000-02 CHAIN CONVEYORS

DESIGNED: David Bilney

DWG NO: 194801/5

DATE: 15/03/2021

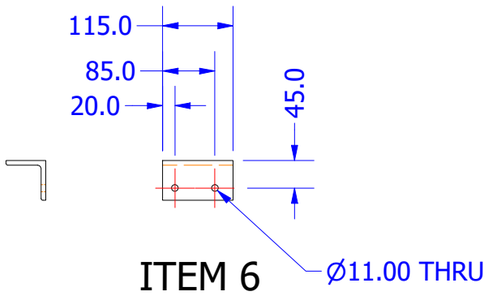
JOB NO:

SCALE: Scale | SHEET 5 OF 34 | SHEET SIZE: A3 | REV: 1

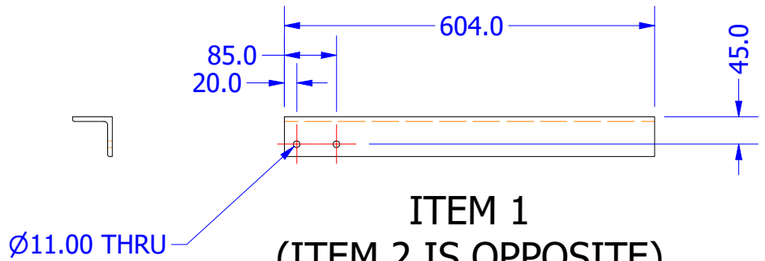
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
6	65x8 EA @ 115	Steel, Mild	194801	1
5	AS 1112 - M16	Steel, Mild	HEX NUT	2
4	65x8 EA @ 1415	Steel, Mild		1
3	P1948-000-08	Steel, Mild	194801/18	2
2	65x8 EA @ 604	Steel, Mild		1
1	65x8 EA @ 604	Steel, Mild		1

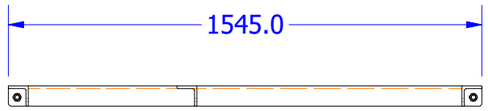
W1948-000-03 - 3 REQ'D AS DRAWN



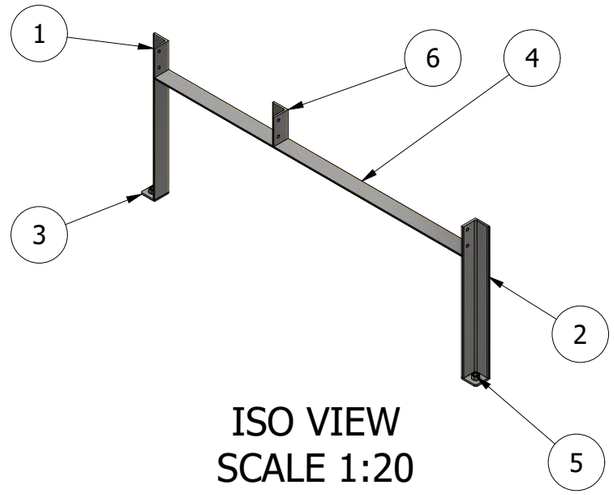
ITEM 6
SCALE 1:10



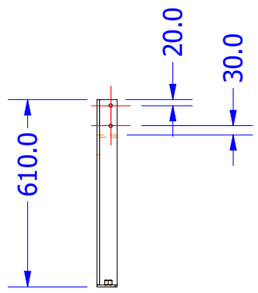
ITEM 1
(ITEM 2 IS OPPOSITE)
SCALE 1:10



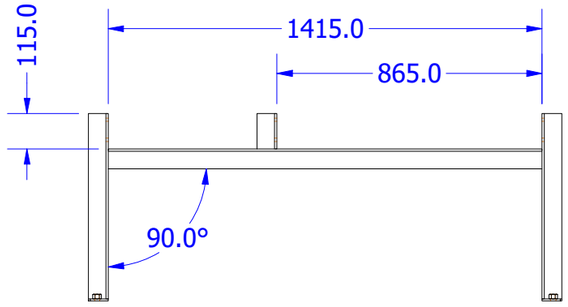
PLAN VIEW
SCALE 1:20



ISO VIEW
SCALE 1:20



SIDE VIEW
SCALE 1:20



FRONT VIEW
SCALE 1:20

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: GREY

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

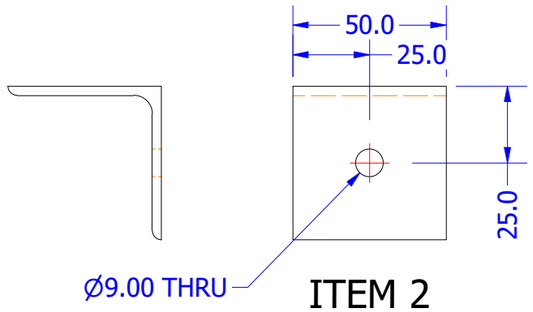
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	CUSTOMER:	RAB ENGINEERING			
DRAWN: David Bilney	TITLE:	W1948-000-03 CHAIN CONVEYORS			
DESIGNED: David Bilney	DWG NO:	194801/6			
DATE: 15/03/2021	JOB NO:	SCALE: Scale	SHEET 6 OF 34	SHEET SIZE: A3	REV: 1

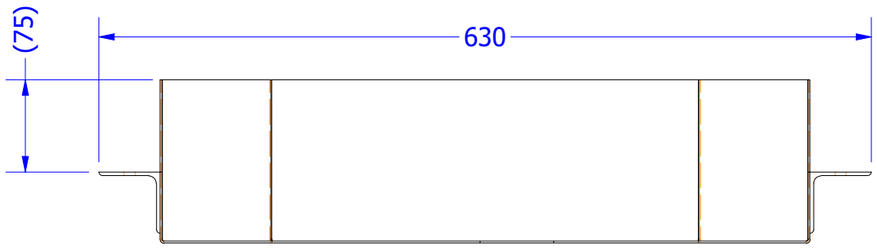
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	50x3 EA @ 50	Steel, Mild	194801	2
1	P1948-000-16	Steel, Mild	194801/26	1

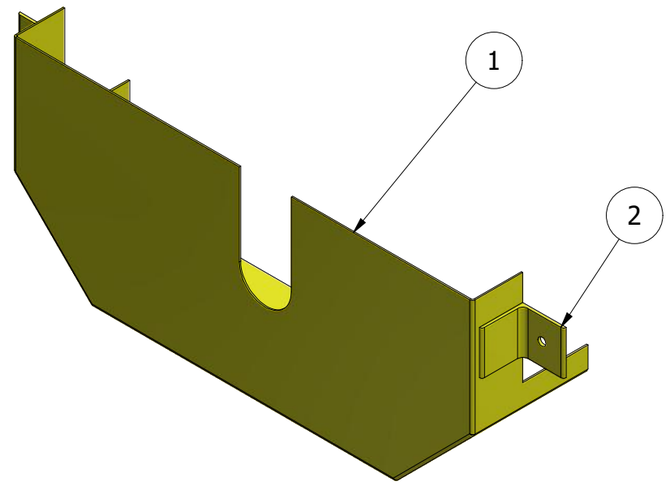
W1948-000-04 - 1 REQ'D AS DRAWN



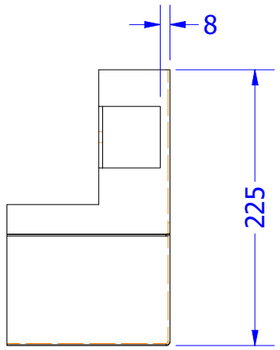
ITEM 2
SCALE 1:2



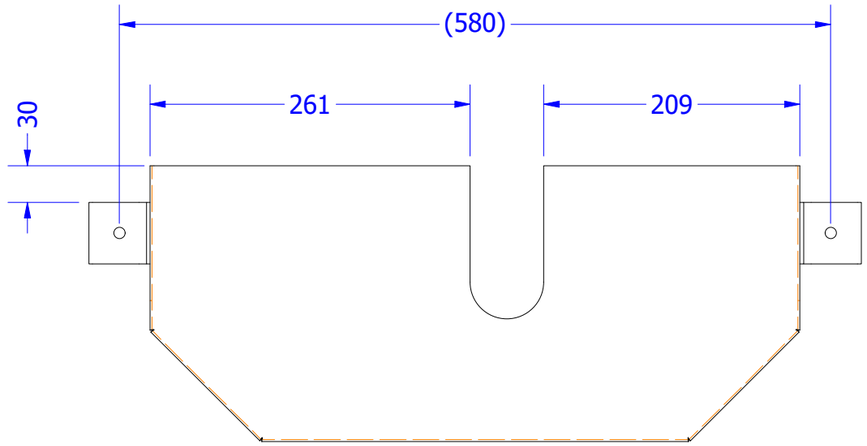
PLAN VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

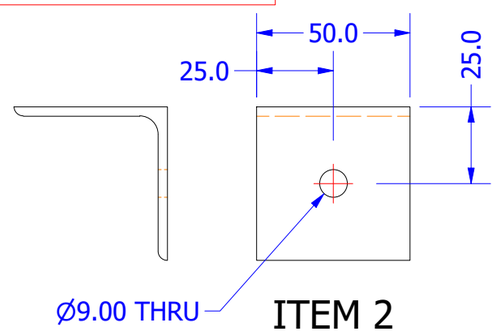
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	CUSTOMER: RAB ENGINEERING				
DRAWN: David Bilney	TITLE: W1948-000-04 CHAIN CONVEYORS				
DESIGNED: David Bilney	DWG NO: 194801/7				
DATE: 15/03/2021	JOB NO:	SCALE: Scale	SHEET 7 OF 34	SHEET SIZE: A3	REV: 1

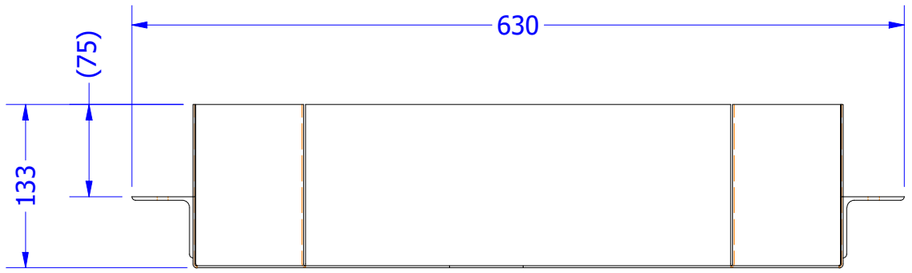
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	50x3 EA @ 50	Steel, Mild	194801	2
1	P1948-000-17	Steel, Mild	194801	1

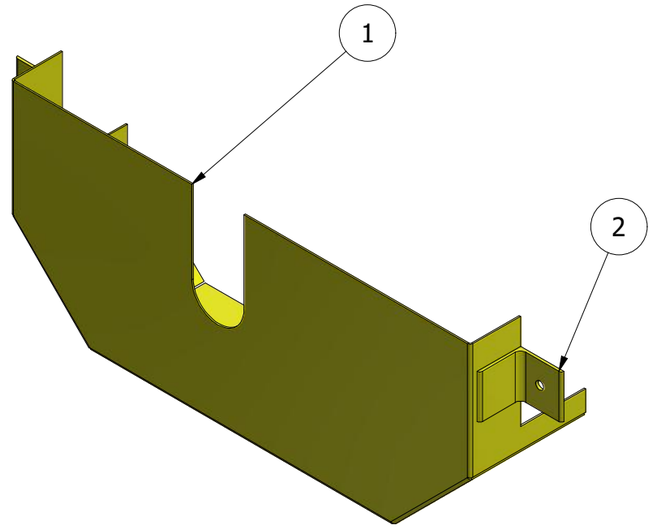
W1948-000-05 - 2 REQ'D AS DRAWN



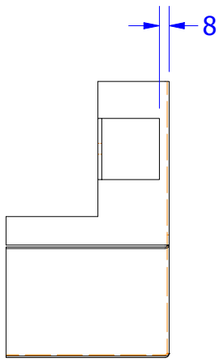
ITEM 2
SCALE 1:2



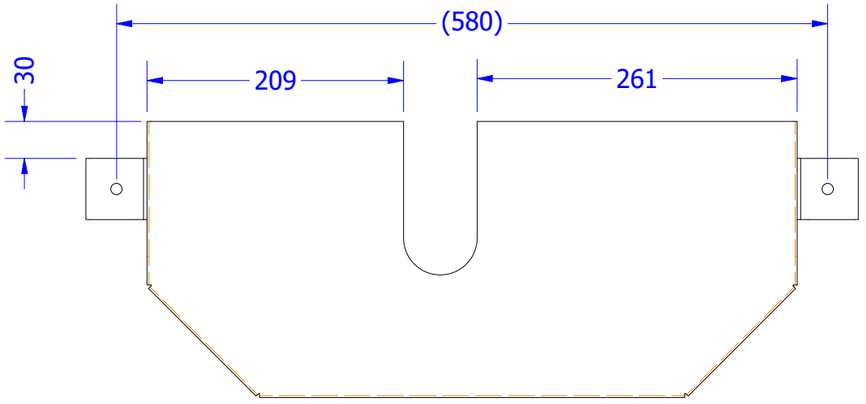
PLAN VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-000-05 CHAIN CONVEYORS

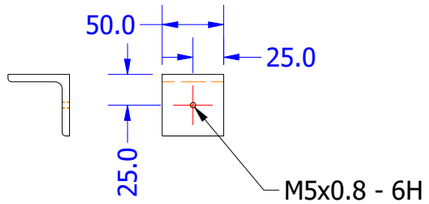
DWG NO: 194801/8

JOB NO:

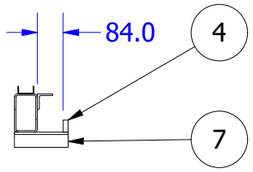
SCALE: Scale | SHEET 8 OF 34 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

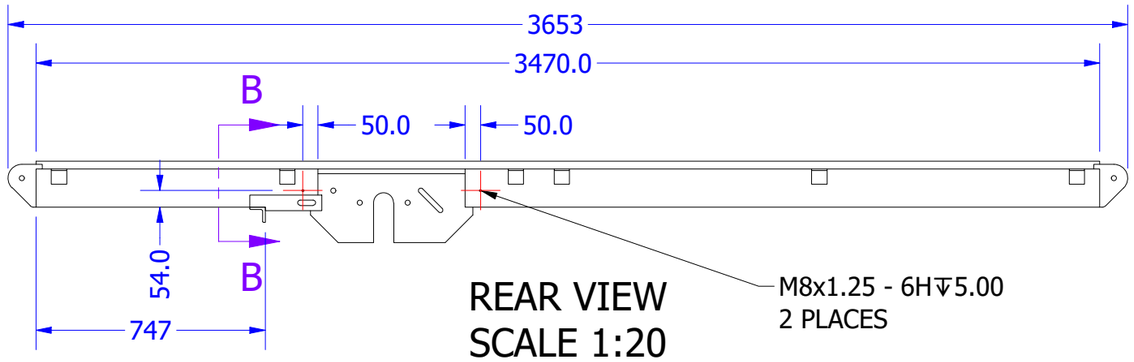
ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
9	125x75x5.0 RHS @ 920	Steel, Mild		1
8	125x75x5.0 RHS @ 2070	Steel, Mild		1
7	50x8 EA @ 175	Steel, Mild	50x6 EA @ 175	1
6	P1948-000-27	Steel, Mild	194801/32	1
5	50x6 EA @ 50	Steel, Mild	50x6 EA @ 50	6
4	P1948-000-13	Steel, Mild	194801/23	1
3	P1948-000-06	Steel, Mild	194801/17	3
2	W1948-000-01	Weldment	194801/4	1
1	P1948-000-02	Steel, Mild	194801/13	4



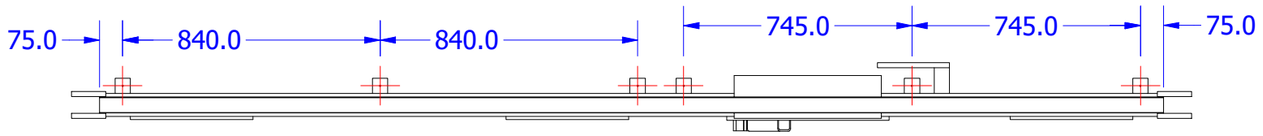
ITEM 6
SCALE 1:5



SECTION B-B
SCALE 1:20

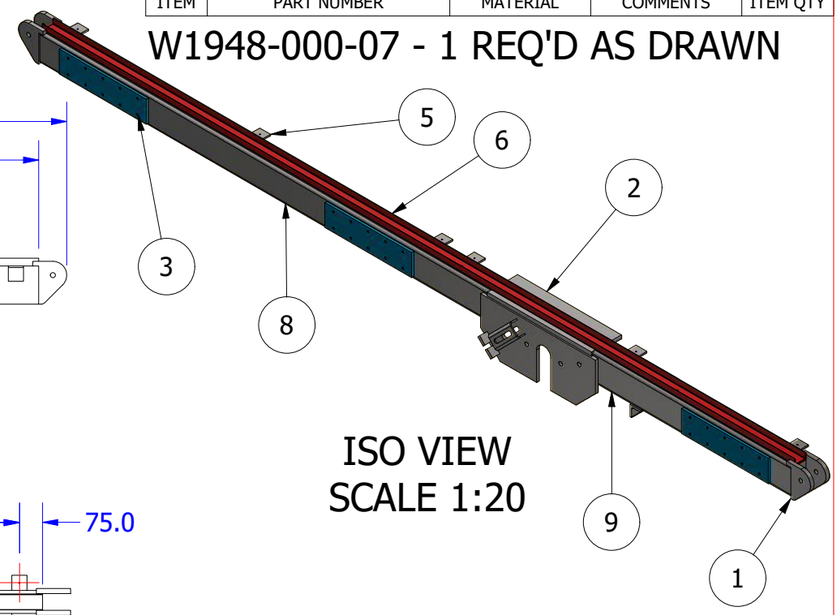


REAR VIEW
SCALE 1:20

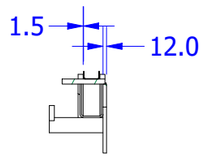


PLAN VIEW
SCALE 1:20

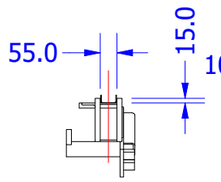
W1948-000-07 - 1 REQ'D AS DRAWN



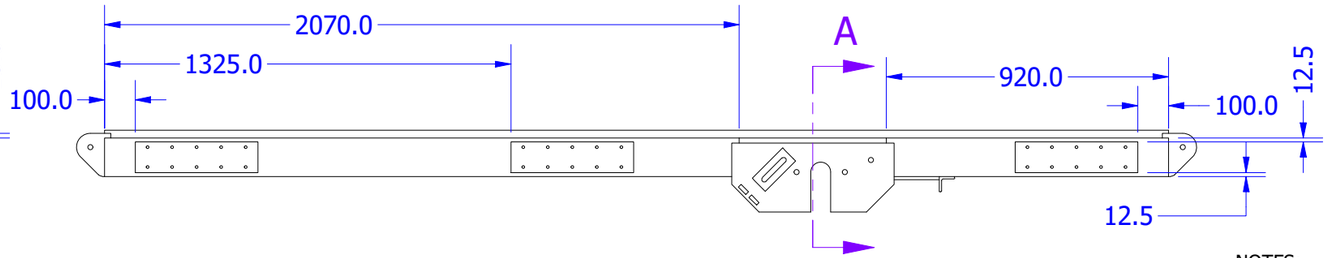
ISO VIEW
SCALE 1:20



SECTION A-A
SCALE 1:20



END VIEW
SCALE 1:20



FRONT VIEW
SCALE 1:20

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: GREY

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-000-07 CHAIN CONVEYORS

DWG NO: 194801/9

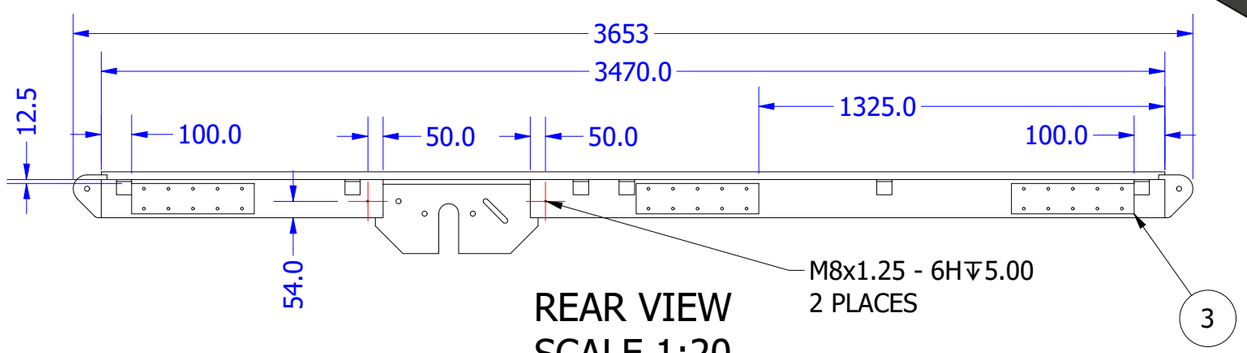
JOB NO:

SCALE: Scale | SHEET 9 OF 34 | SHEET SIZE: A3 | REV: 1

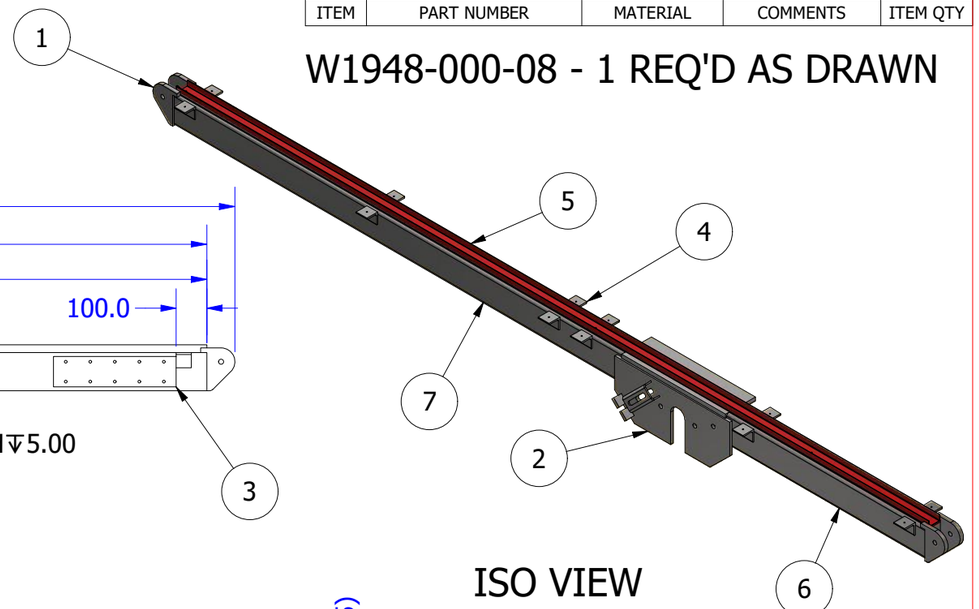
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
7	125x75x5.0 RHS @ 2070	Steel, Mild		1
6	125x75x5.0 RHS @ 920	Steel, Mild		1
5	P1948-000-27	Steel, Mild	194801/32	1
4	50x6 EA @ 50	Steel, Mild	REFER SHEET 9	12
3	P1948-000-06	Steel, Mild	194801/17	3
2	W1948-000-01	Weldment	194801/4	1
1	P1948-000-02	Steel, Mild	194801/13	4

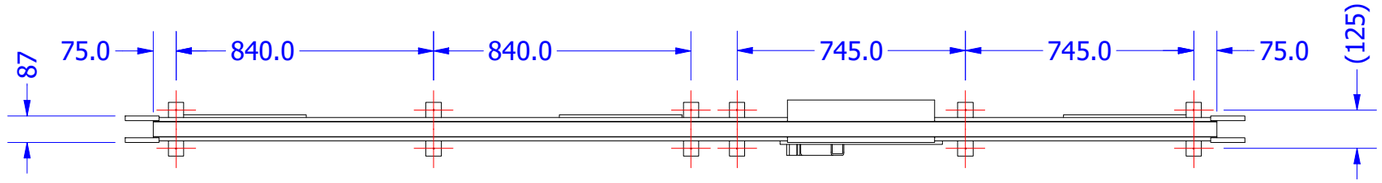
W1948-000-08 - 1 REQ'D AS DRAWN



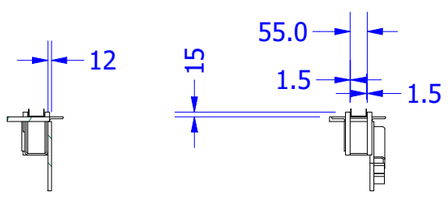
REAR VIEW
SCALE 1:20



ISO VIEW
SCALE 1:20

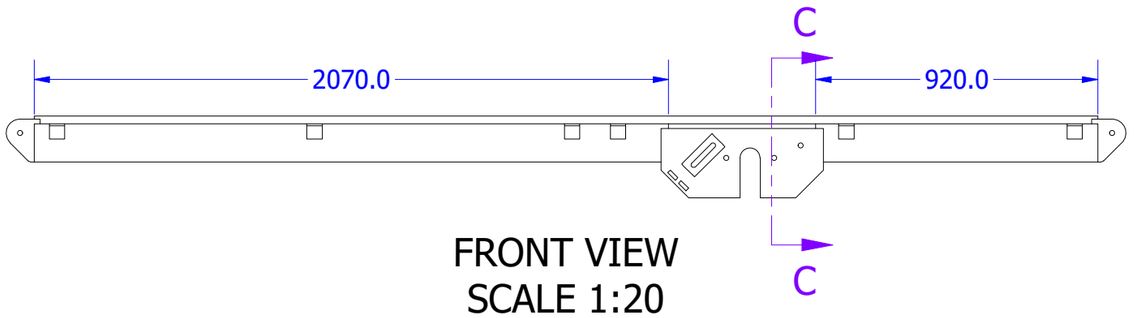


PLAN VIEW
SCALE 1:20



SECTION C-C
SCALE 1:20

END VIEW
SCALE 1:20



FRONT VIEW
SCALE 1:20

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: GREY

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

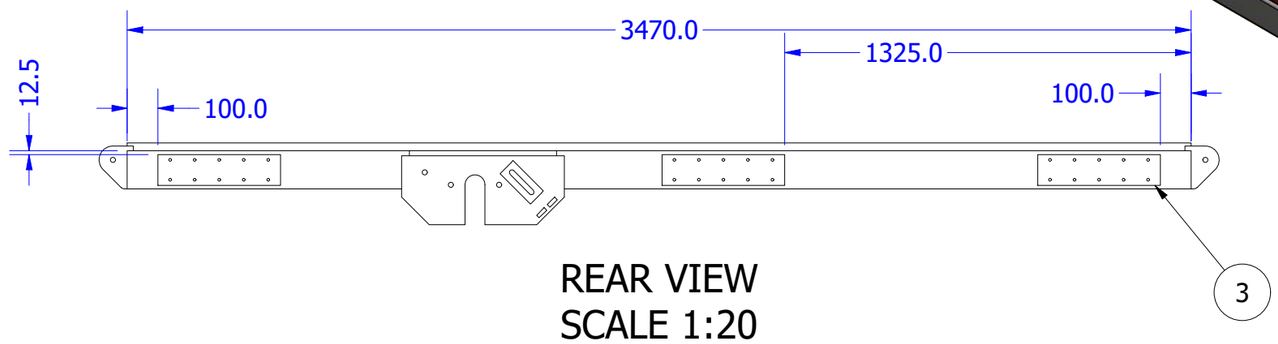
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	
DRAWN: David Bilney	
DESIGNED: David Bilney	
DATE: 15/03/2021	
CUSTOMER:	RAB ENGINEERING
TITLE:	W1948-000-08 CHAIN CONVEYORS
DWG NO:	194801/10
JOB NO:	
SCALE: Scale	SHEET 10 OF 34
SHEET SIZE: A3	REV: 1

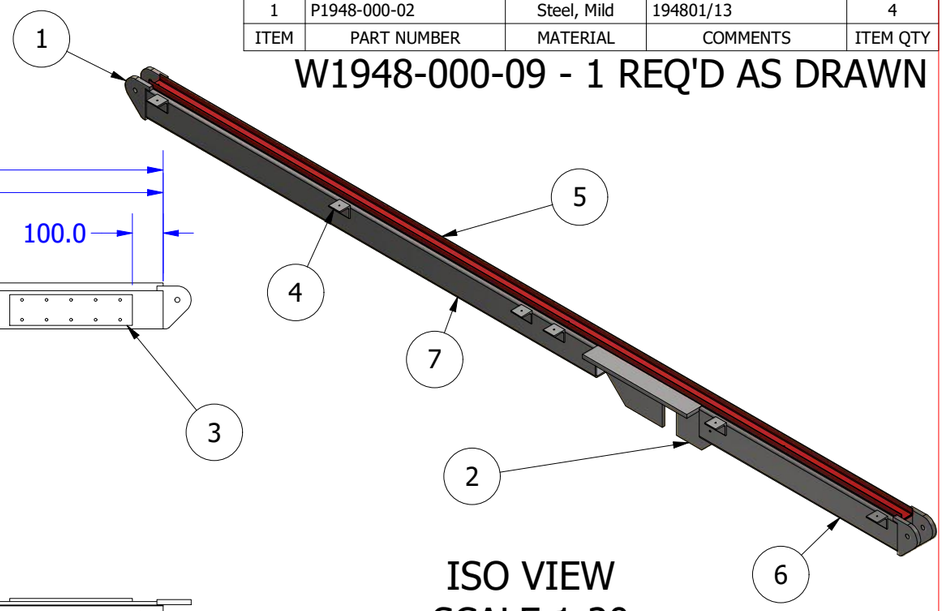
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
7	125x75x5.0 RHS @ 2070	Steel, Mild		1
6	125x75x5.0 RHS @ 920	Steel, Mild		1
5	P1948-000-27	Steel, Mild	194801/32	1
4	50x6 EA @ 50	Steel, Mild	REFER SHEET 9	6
3	P1948-000-06	Steel, Mild	194801/17	3
2	W1948-000-02	Weldment	194801/5	1
1	P1948-000-02	Steel, Mild	194801/13	4

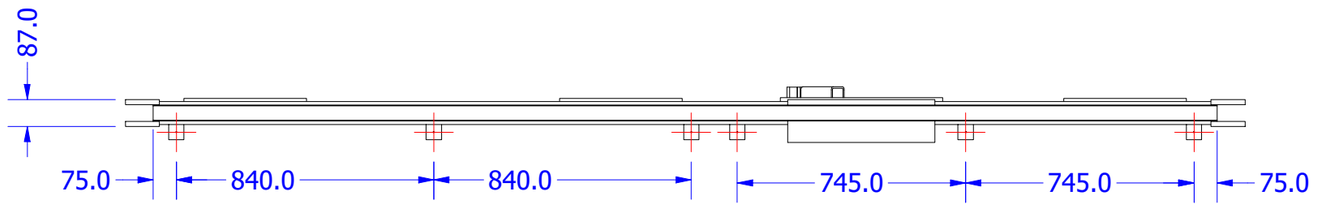
W1948-000-09 - 1 REQ'D AS DRAWN



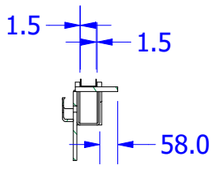
REAR VIEW
SCALE 1:20



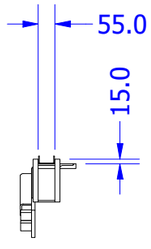
ISO VIEW
SCALE 1:20



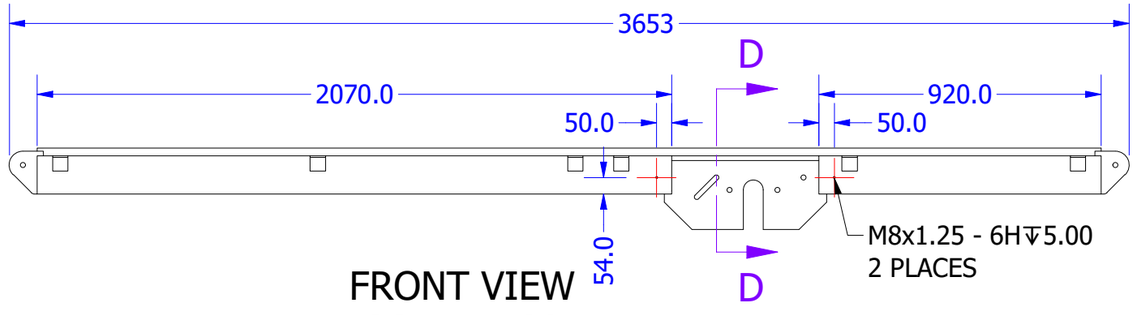
PLAN VIEW
SCALE 1:20



SECTION D-D
SCALE 1:20



END VIEW
SCALE 1:20



FRONT VIEW
SCALE 1:20

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: GREY

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

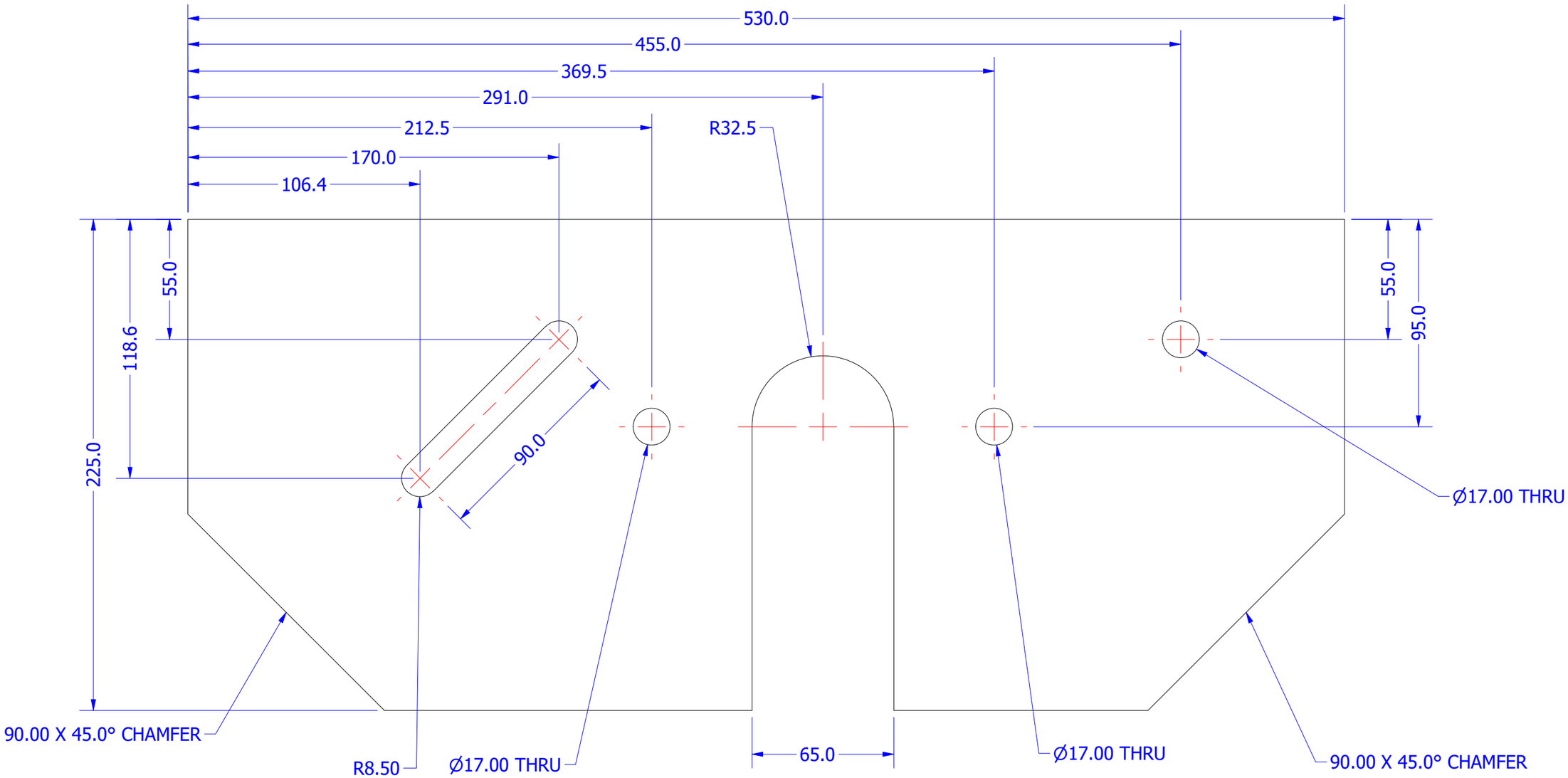
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	
DRAWN: David Bilney	
DESIGNED: David Bilney	
DATE: 15/03/2021	
CUSTOMER:	RAB ENGINEERING
TITLE:	W1948-000-09 CHAIN CONVEYORS
DWG NO:	194801/11
JOB NO:	
SCALE: Scale	SHEET 11 OF 34
SHEET SIZE: A3	REV: 1

DO NOT SCALE DRAWING

12mm PLATE @ 530 X 225	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-01 - 3 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-01 CHAIN CONVEYORS

DWG NO: 194801/12

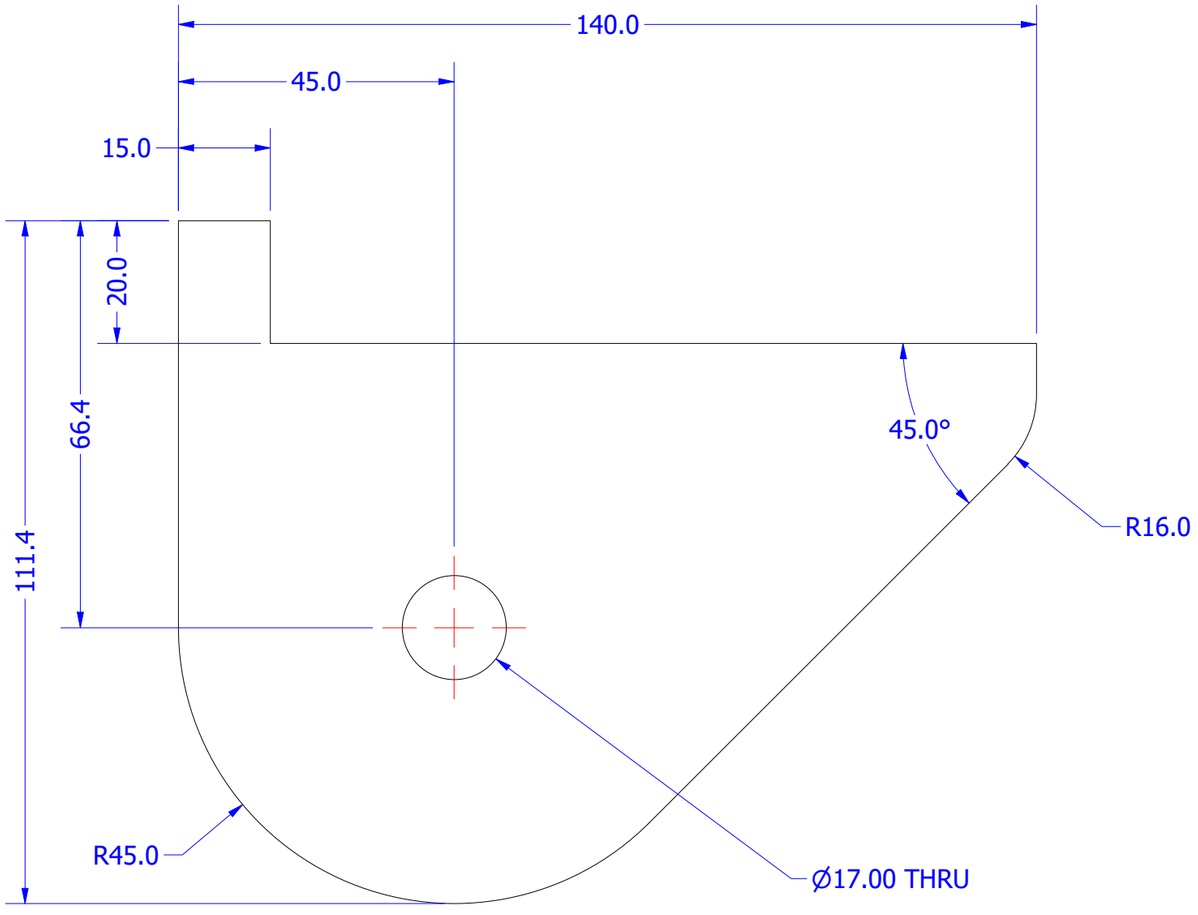
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	12 OF 34	A3	1

DO NOT SCALE DRAWING

16mm PLATE @ 140 X 111	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-02 - 12 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-02 CHAIN CONVEYORS

DWG NO: 194801/13

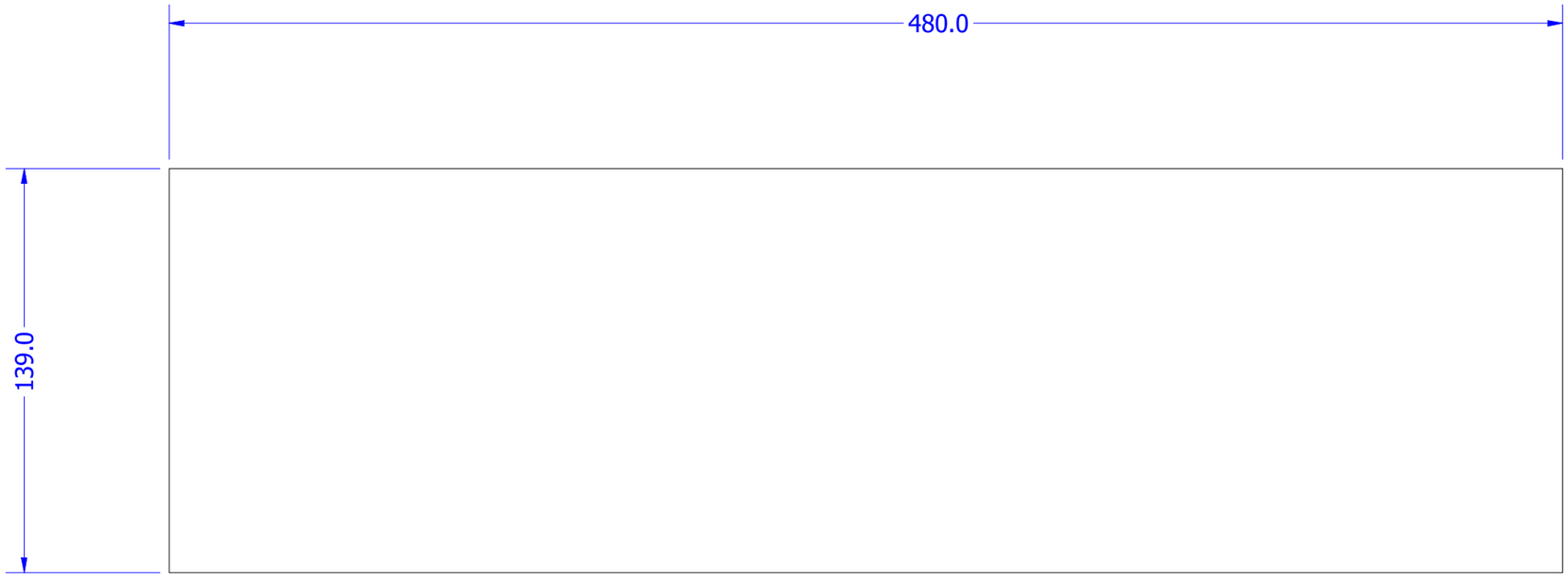
JOB NO:

SCALE: Scale | SHEET 13 OF 34 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

16mm PLATE @ 480 X 139	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-03 - 3 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-03 CHAIN CONVEYORS

DWG NO: 194801/14

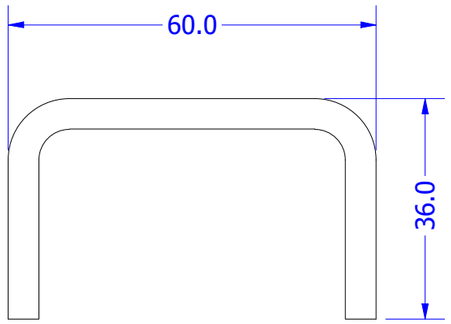
JOB NO:

SCALE: Scale | SHEET 14 OF 34 | SHEET SIZE: A3 | REV: 1

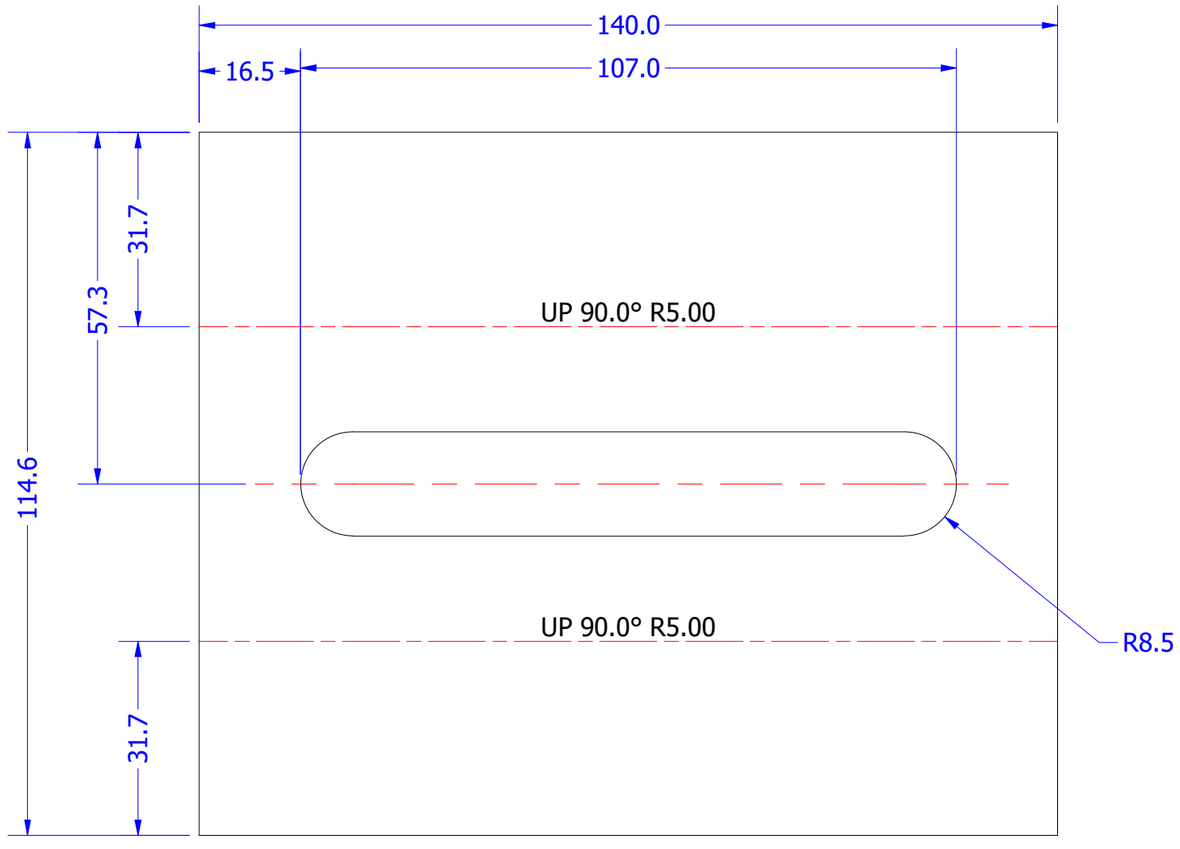
DO NOT SCALE DRAWING

5mm PLATE @ 140 X 115	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-04 - 3 REQ'D AS DRAWN



FOLDED VIEW
SCALE 1 : 1



FLAT PATTERN
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-04 CHAIN CONVEYORS

DWG NO: 194801/15

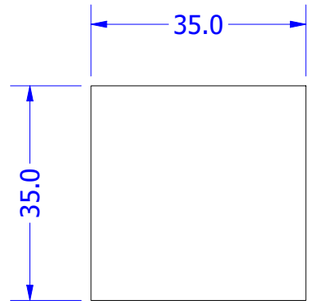
JOB NO:

SCALE: Scale | SHEET 15 OF 34 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

12mm PLATE @ 35 X 35	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-05 - 6 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-05
CHAIN CONVEYORS

DWG NO: 194801/16

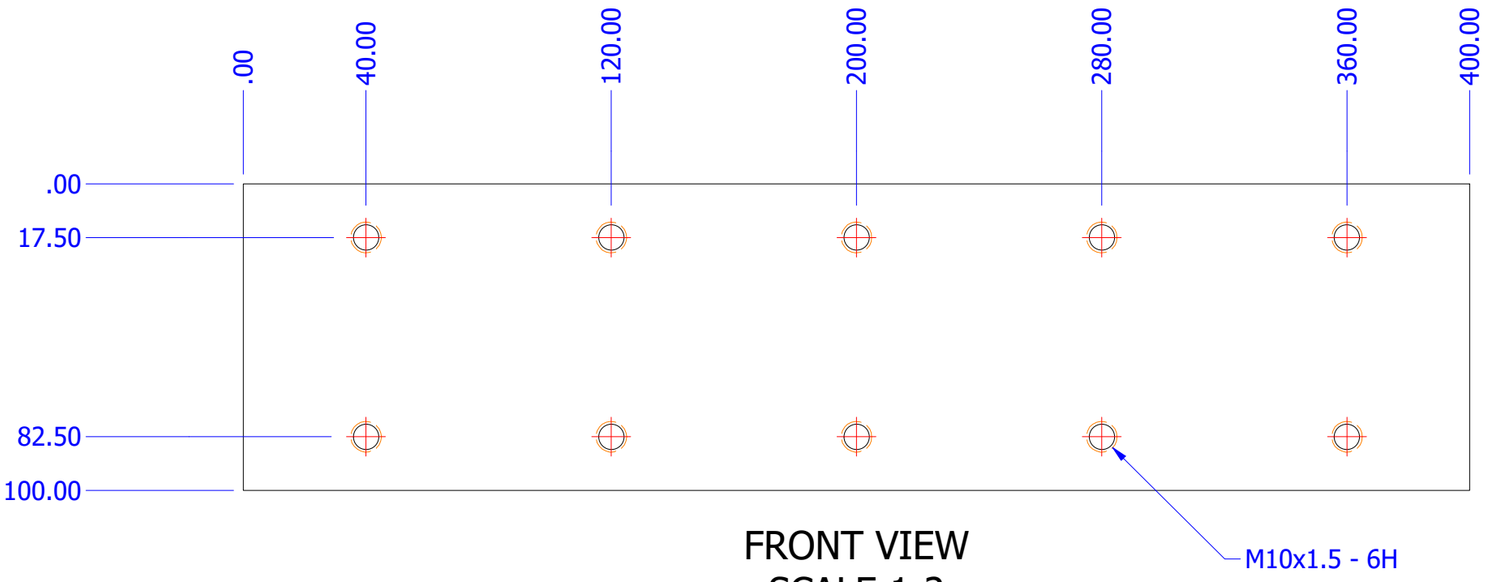
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	16 OF 34	A3	1

DO NOT SCALE DRAWING

100x10 FMS @ 400mm	Steel, Mild	AS3679 - GR300
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-06 - 9 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-06 CHAIN CONVEYORS

DWG NO: 194801/17

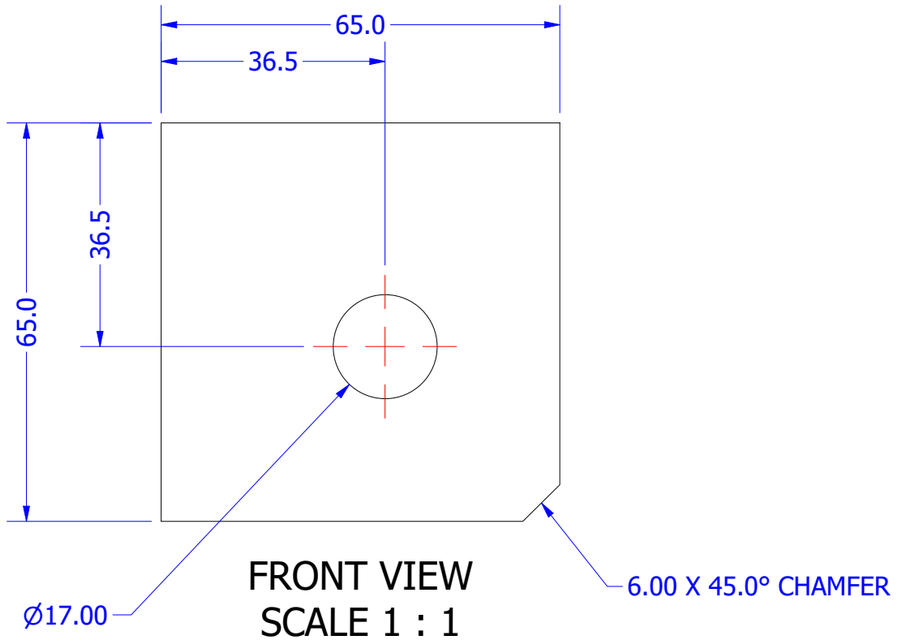
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	17 OF 34	A3	1

DO NOT SCALE DRAWING

6mm PLATE @ 65 X 65	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-08 - 6 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-08 CHAIN CONVEYORS

DWG NO: 194801/18

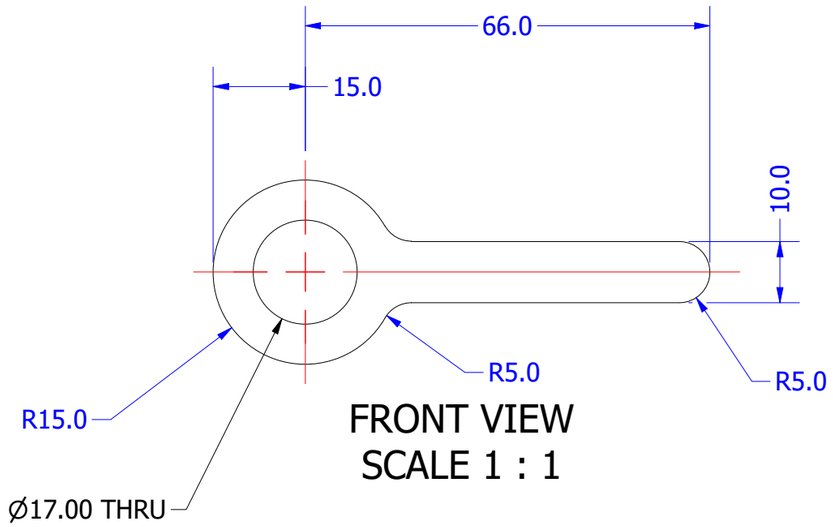
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	18 OF 34	A3	1

DO NOT SCALE DRAWING

2mm PLATE @ 81 X 30	Steel, Mild	ASTM A240
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-09 - 6 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-09 CHAIN CONVEYORS

DWG NO: 194801/19

JOB NO:

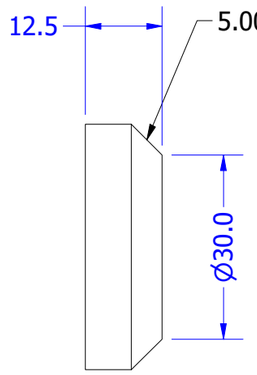
SCALE:	SHEET	SHEET SIZE:	REV:
Scale	19 OF 34	A3	1

DO NOT SCALE DRAWING

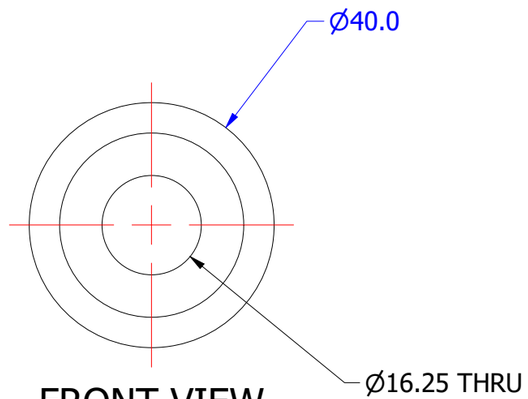
40 RND BAR @ 12.5mm	Steel, Mild	AS3679 - GR300
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-10 - 6 REQ'D AS DRAWN

ISO VIEW
SCALE 1 : 1



SIDE VIEW
SCALE 1 : 1



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: ZINC PLATE

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-10 CHAIN CONVEYORS

DWG NO: 194801/20

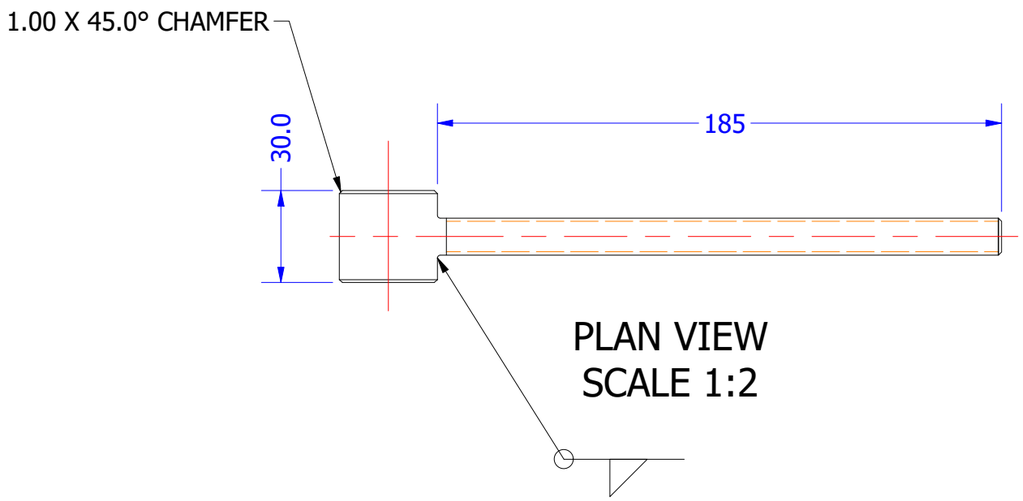
JOB NO:

SCALE: Scale | SHEET 20 OF 34 | SHEET SIZE: A3 | REV: 1

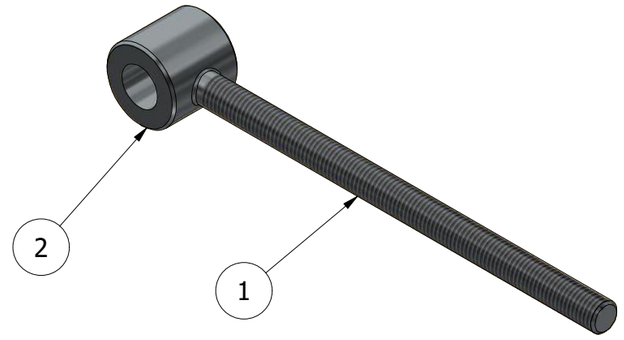
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	32x15 HOLLOW BAR @ 30	Steel, Mild		1
1	M12 ALL THREAD @ 185	Steel, Mild		1

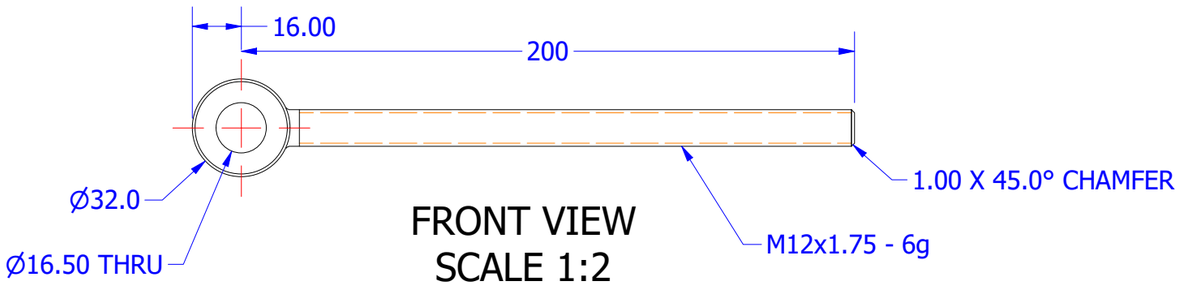
P1948-000-11 - 3 REQ'D AS DRAWN



PLAN VIEW
SCALE 1:2



ISO VIEW
SCALE 1:2



FRONT VIEW
SCALE 1:2

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: ZINC PLATE

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-11 CHAIN CONVEYORS

DWG NO: 194801/21

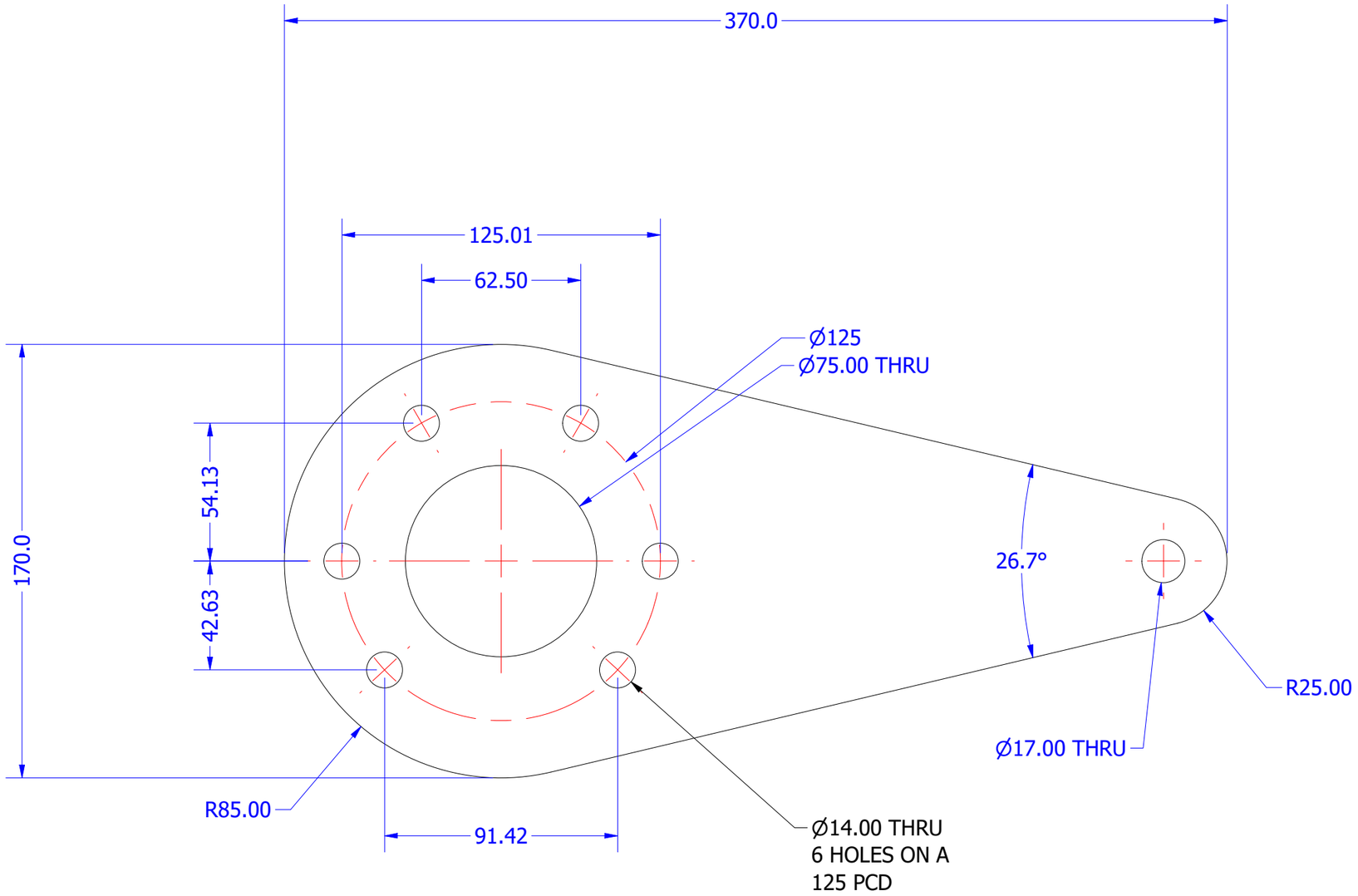
JOB NO:

SCALE: Scale | SHEET 21 OF 34 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

10mm PLATE @ 370 X 170	Mild Steel	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-12 - 1 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

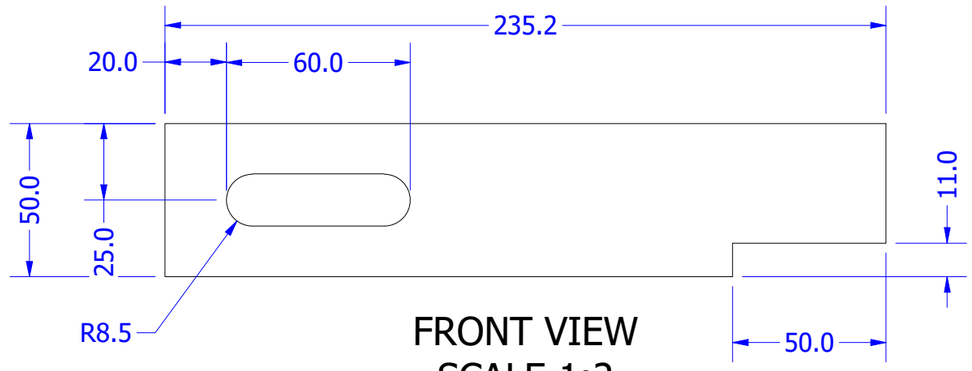
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	
DRAWN:	David Bilney
DESIGNED:	David Bilney
DATE:	15/03/2021
CUSTOMER:	RAB ENGINEERING
TITLE:	P1948-000-12 CHAIN CONVEYORS
DWG NO:	194801/22
JOB NO:	
SCALE:	Scale
SHEET	22 OF 34
SHEET SIZE:	A3
REV:	1

DO NOT SCALE DRAWING

16mm PLATE @ 200 X 50	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-13 - 1 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-13 CHAIN CONVEYORS

DWG NO: 194801/23

JOB NO:

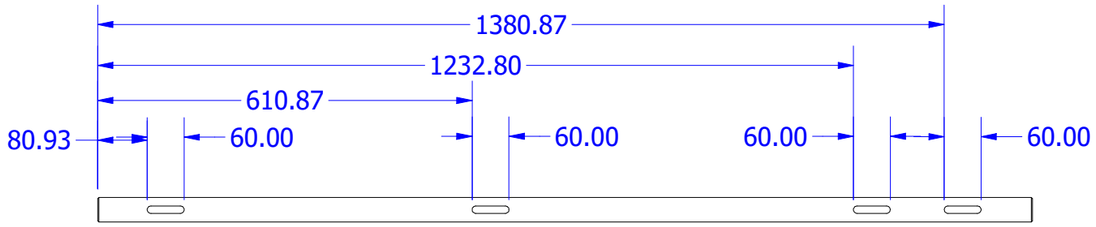
SCALE:	SHEET	SHEET SIZE:	REV:
Scale	23 OF 34	A3	1

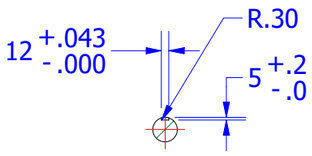
DO NOT SCALE DRAWING

40 RND BAR @ 1525	Steel, Mild	AS1444-1996 4140
DESCRIPTION	MATERIAL	COMMENTS

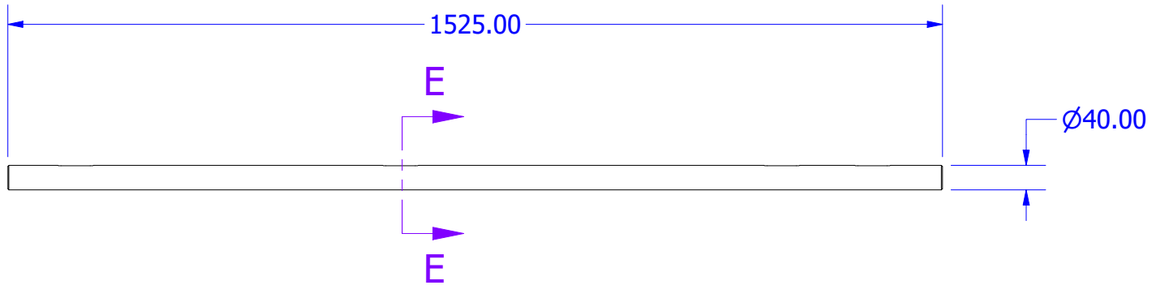
P1948-000-14 - 1 REQ'D AS DRAWN

ISO VIEW
SCALE 1:10





SECTION E-E
SCALE 1:10



REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-14 CHAIN CONVEYORS

DWG NO: 194801/24

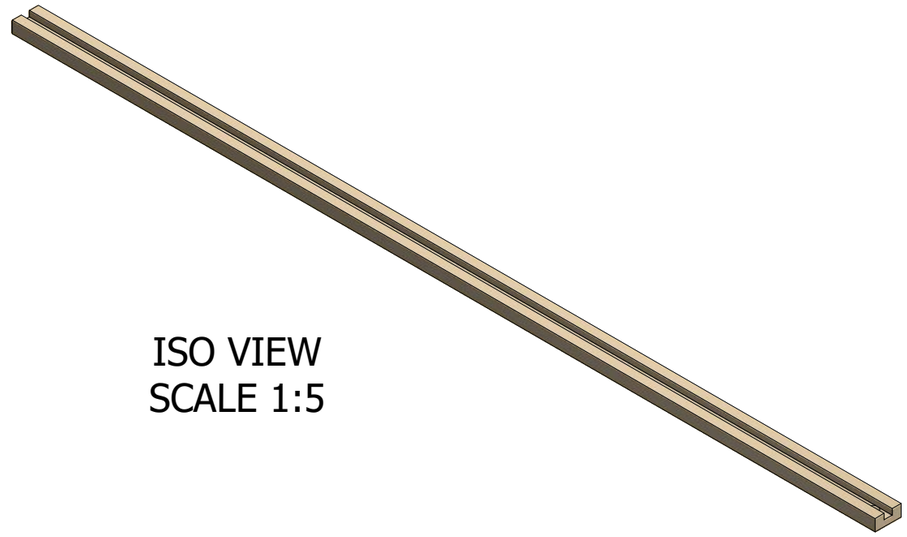
JOB NO:

SCALE: Scale | SHEET 24 OF 34 | SHEET SIZE: A3 | REV: 1

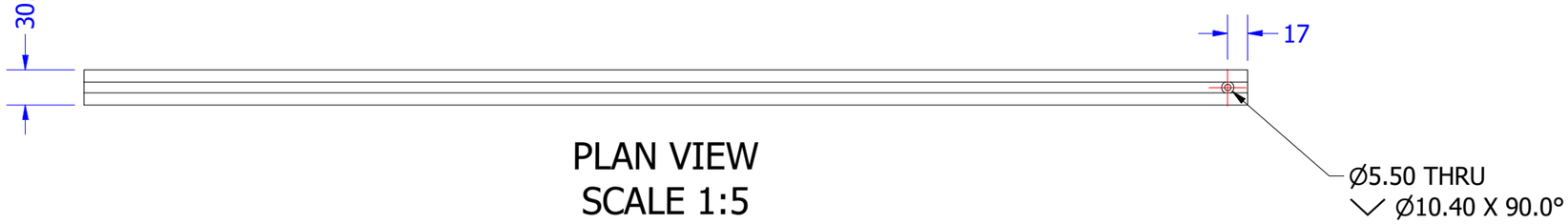
DO NOT SCALE DRAWING

30x13.5 FLAT @ 995	Polyethylene, High Density	POSSIBLY STORE ITEM (ORORA)
DESCRIPTION	MATERIAL	COMMENTS

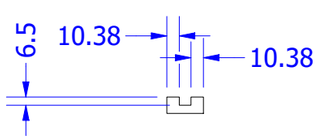
P1948-000-15 - 12 REQ'D AS DRAWN



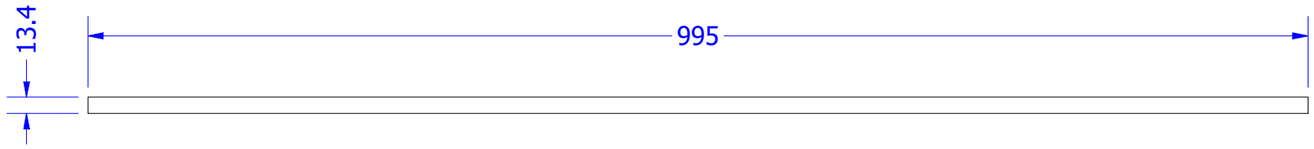
ISO VIEW
SCALE 1:5



PLAN VIEW
SCALE 1:5



END VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-15 CHAIN CONVEYORS

DWG NO: 194801/25

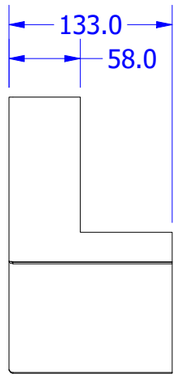
JOB NO:

SCALE: Scale | SHEET 25 OF 34 | SHEET SIZE: A3 | REV: 1

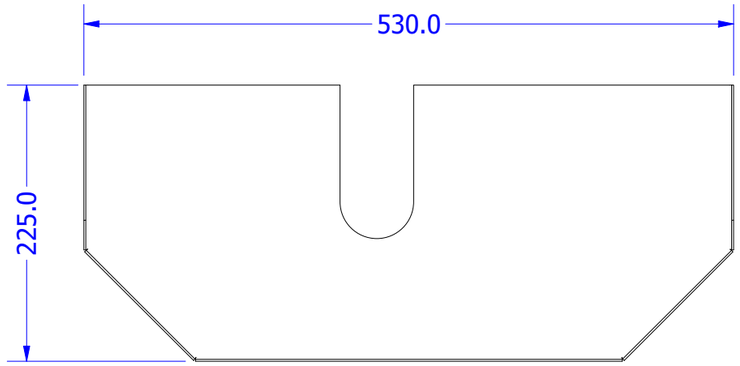
DO NOT SCALE DRAWING

2mm PLATE @ 790 X 355	Steel, Mild	AS1594 - GR250
DESCRIPTION	MATERIAL	COMMENTS

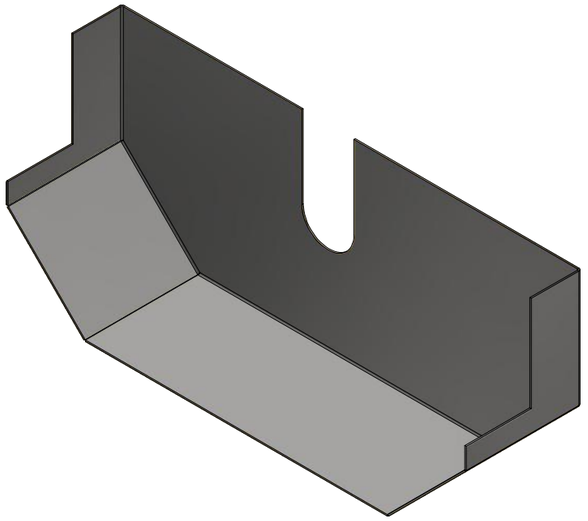
P1948-000-16 - 1 REQ'D AS DRAWN
P1948-000-17 - 2 REQ'D OPPOSITE
(3 BLANKS REQ'D)



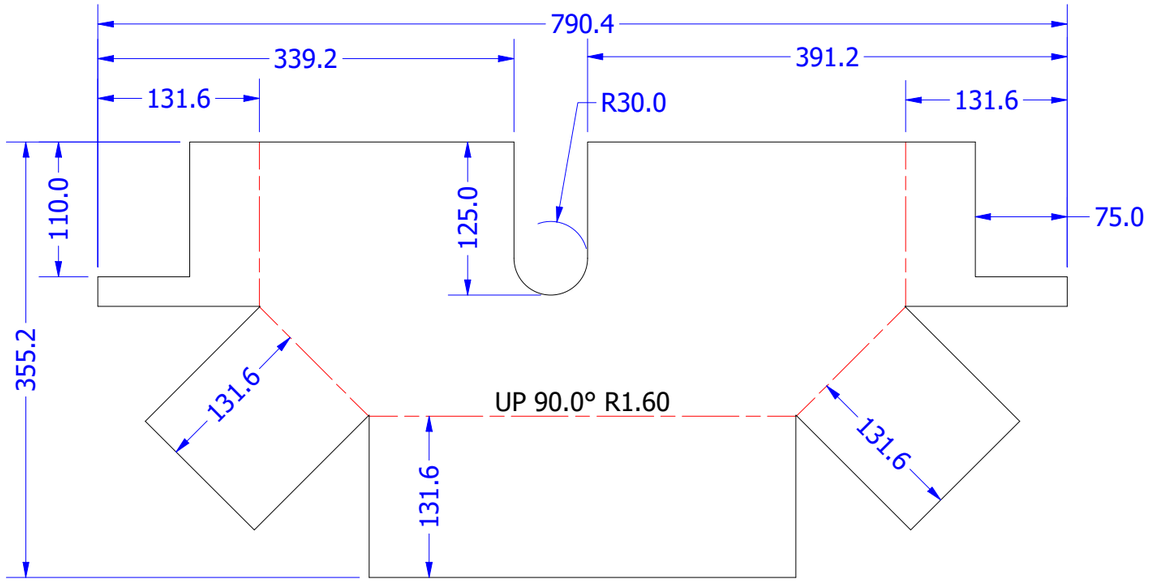
SIDE VIEW - FOLDED
SCALE 1:5



FRONT VIEW - FOLDED
SCALE 1:5



ISO VIEW - FOLDED
SCALE 1:5



P1948-000-16 - ALL FOLDS UP 90°

P1948-000-17 - ALL FOLDS DOWN 90°

SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .125 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-16 CHAIN CONVEYORS

DWG NO: 194801/26

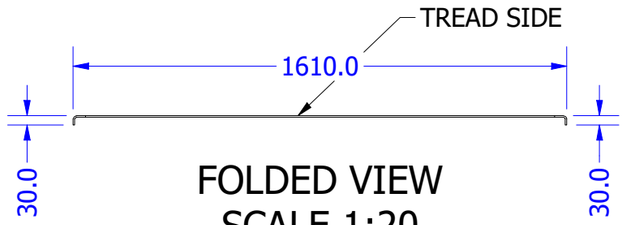
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	26 OF 34	A3	1

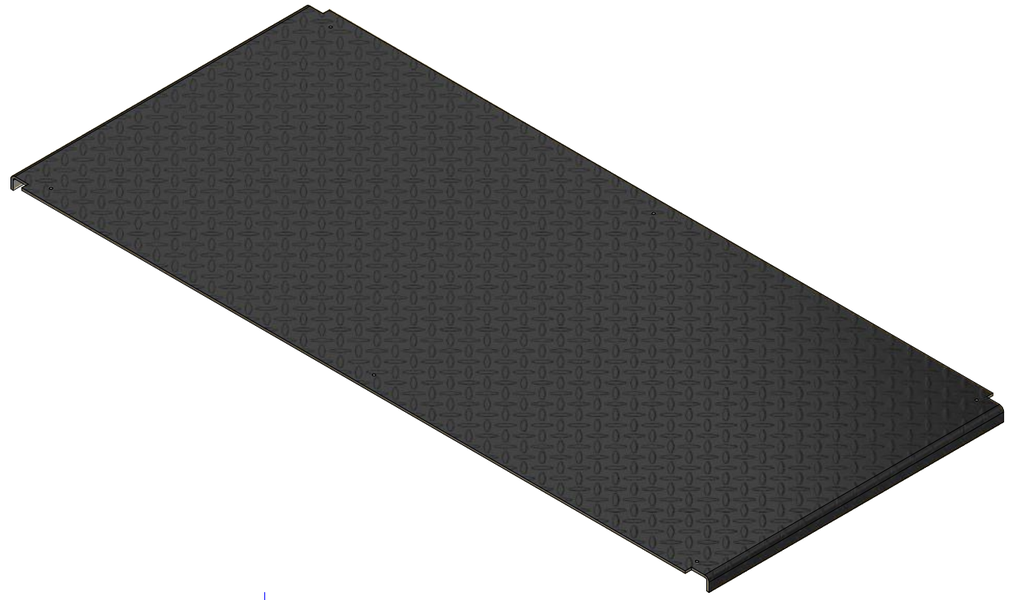
DO NOT SCALE DRAWING

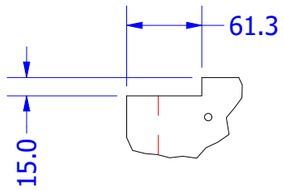
5mm PLATE @ 1653 X 710	Aluminum 5052	AS1734
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-18 - 1 REQ'D AS DRAWN

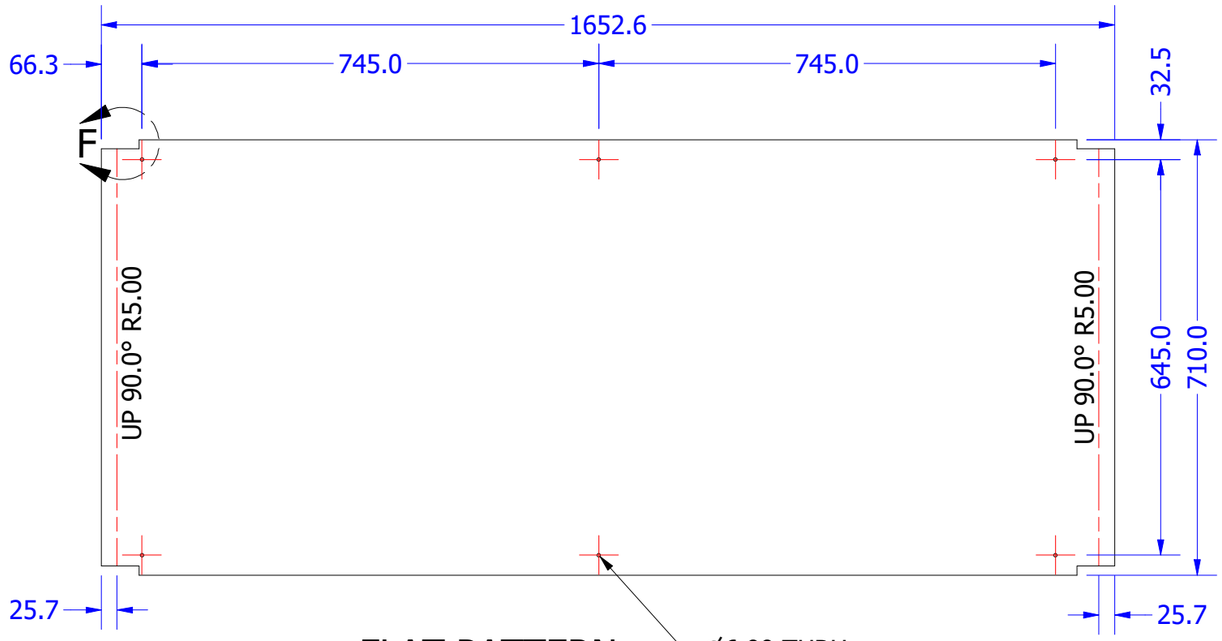


FOLDED VIEW
SCALE 1:20





DETAIL F
TYPICAL CUTOUT
SCALE 1:5



FLAT PATTERN
PATTERN FACE DOWN
SCALE 1:10

ISO VIEW
SCALE 1:10

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-18 CHAIN CONVEYORS

DWG NO: 194801/27

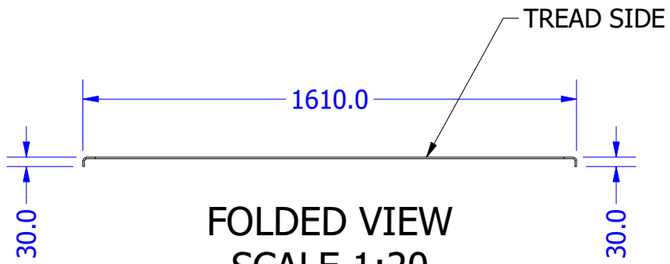
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	27 OF 34	A3	1

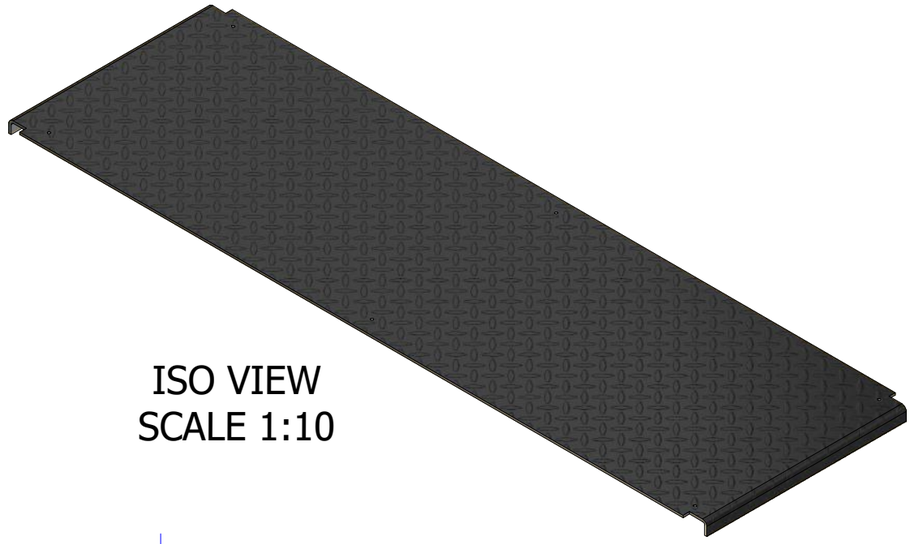
DO NOT SCALE DRAWING

5mm PLATE @ 1653 X 490	Aluminum 5052	AS1734
DESCRIPTION	MATERIAL	COMMENTS

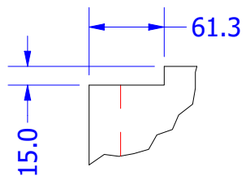
P1948-000-19 - 1 REQ'D AS DRAWN



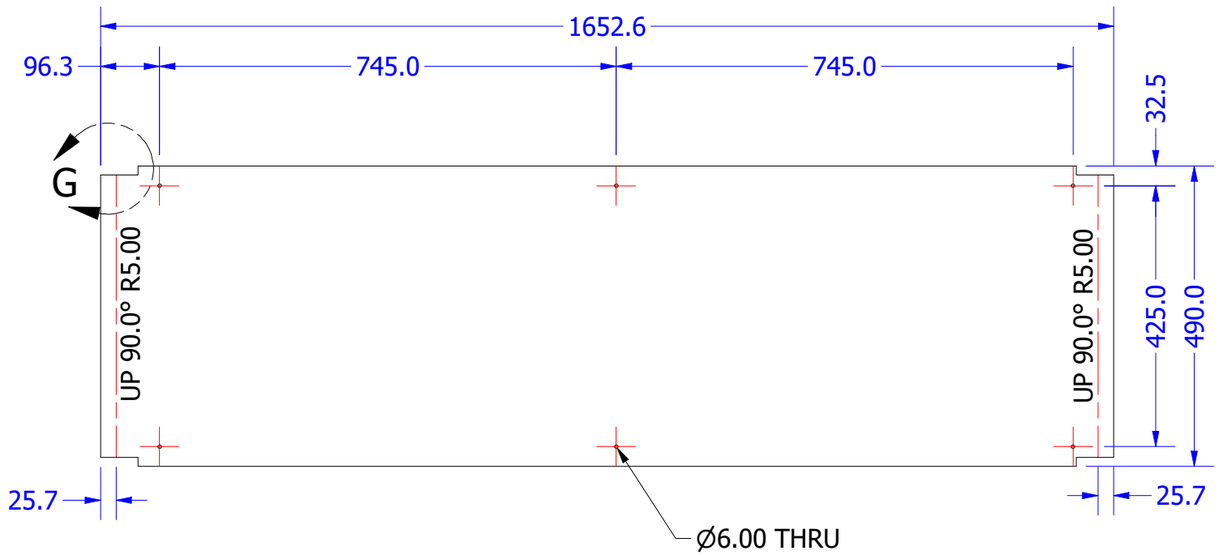
FOLDED VIEW
SCALE 1:20



ISO VIEW
SCALE 1:10



DETAIL G
CUTOUT DETAILS
SCALE 1:5



FLAT PATTERN
PATTERN SIDE DOWN
SCALE 1:10

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-19 CHAIN CONVEYORS

DWG NO: 194801/28

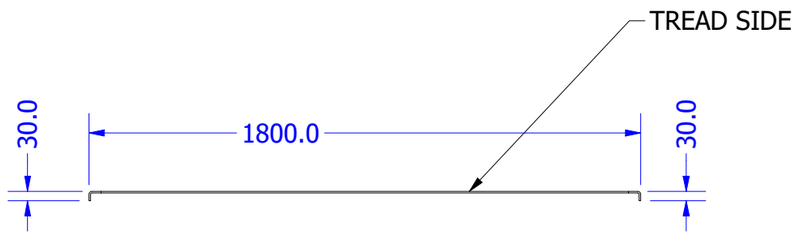
JOB NO:

SCALE: Scale | SHEET 28 OF 34 | SHEET SIZE: A3 | REV: 1

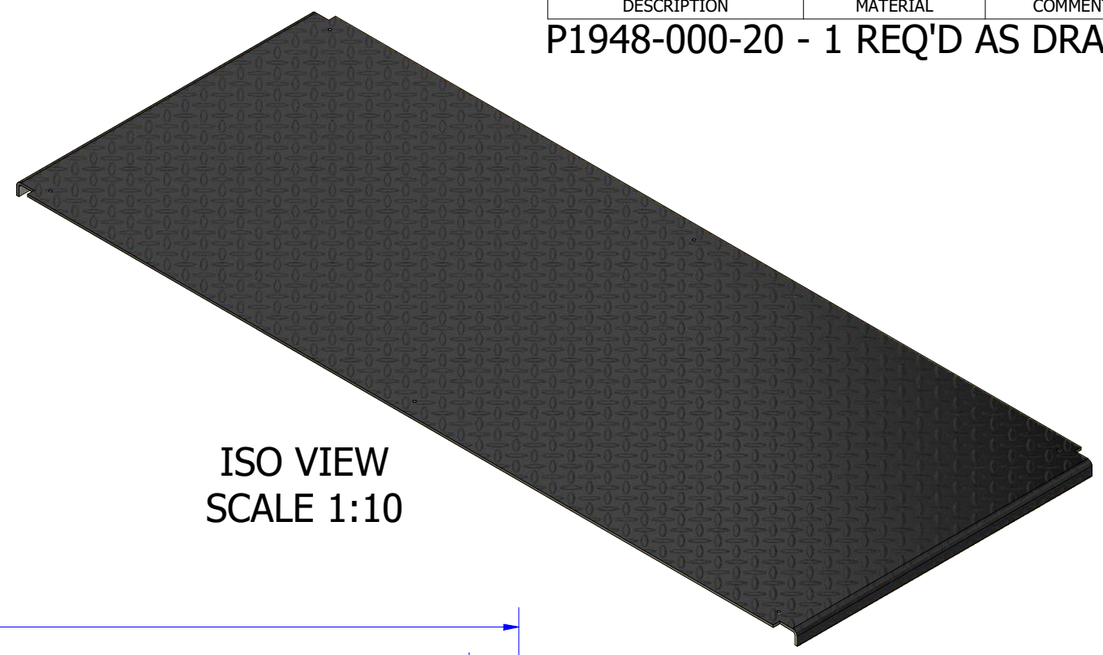
DO NOT SCALE DRAWING

5mm PLATE @ 1593 X 710	Aluminum 5052	AS1734
DESCRIPTION	MATERIAL	COMMENTS

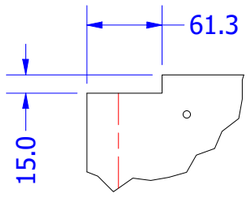
P1948-000-20 - 1 REQ'D AS DRAWN



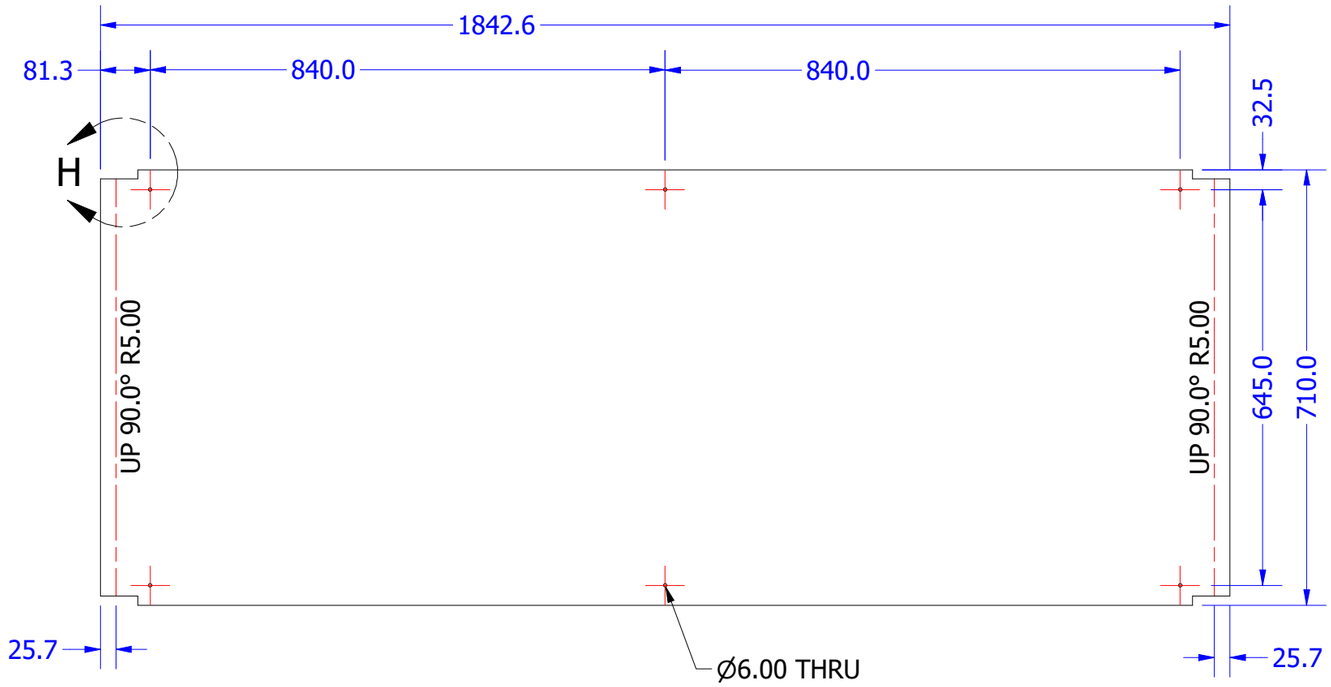
FOLDED VIEW
SCALE 1:20



ISO VIEW
SCALE 1:10



DETAIL H
TYPICAL CUTOUT
SCALE 1:5



FLAT PATTERN
TREAD FACE DOWN
SCALE 1:10

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .125 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney
DESIGNED: David Bilney
DATE: 15/03/2021

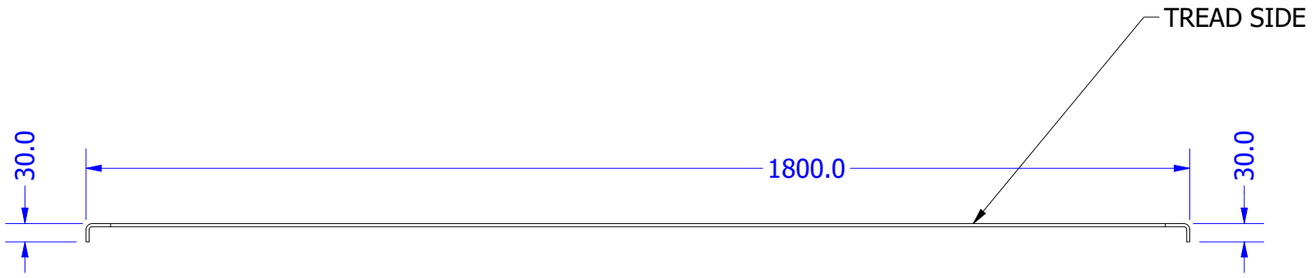
CUSTOMER: RAB ENGINEERING
TITLE: P1948-000-20 CHAIN CONVEYORS
DWG NO: 194801/29
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	29 OF 34	A3	1

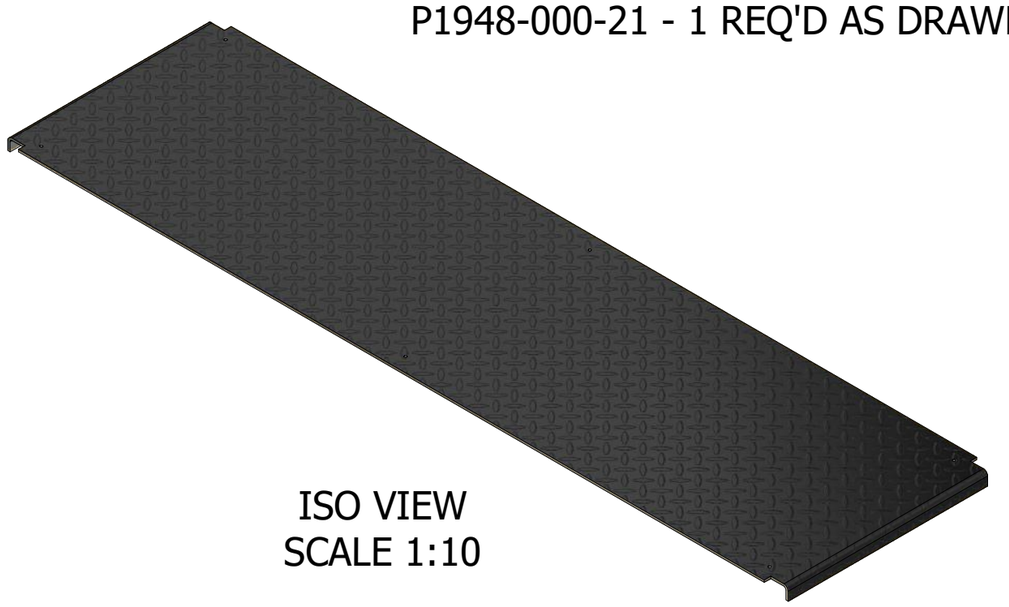
DO NOT SCALE DRAWING

5mm PLATE @ 1293 X 490	Aluminum 5052	AS1734
DESCRIPTION	MATERIAL	COMMENTS

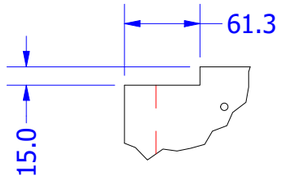
P1948-000-21 - 1 REQ'D AS DRAWN



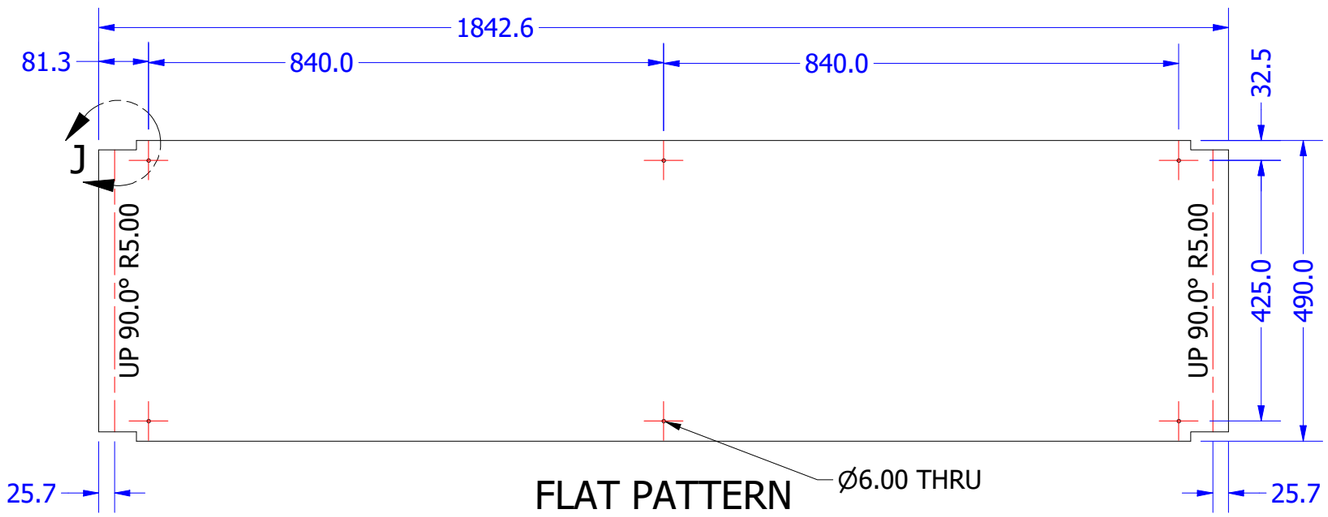
FOLDED VIEW
SCALE 1:10



ISO VIEW
SCALE 1:10



DETAIL J
TYPICAL CUTOUT
SCALE 1:5



FLAT PATTERN
TREAD SIDE DOWN
SCALE 1:10

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-21 CHAIN CONVEYORS

DWG NO: 194801/30

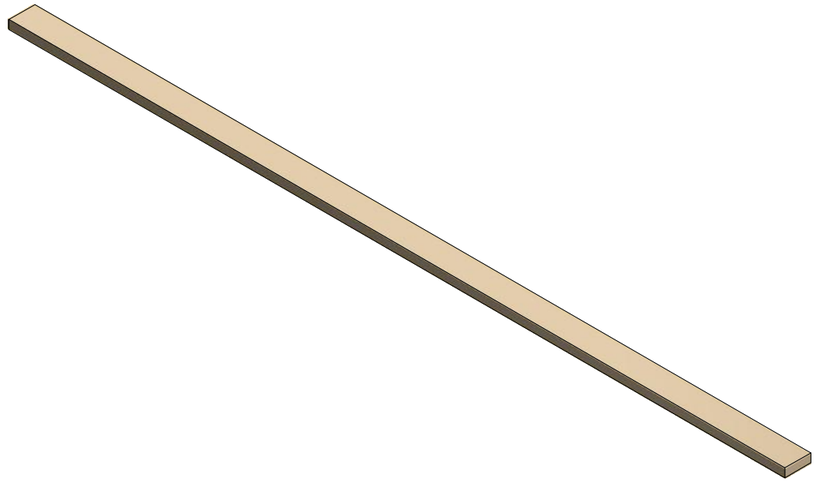
JOB NO:

SCALE: Scale | SHEET 30 OF 34 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

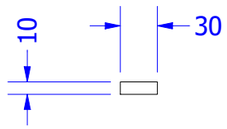
30x10 FLAT @ 895	Polyethylene, High Density	
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-24 - 3 REQ'D AS DRAWN

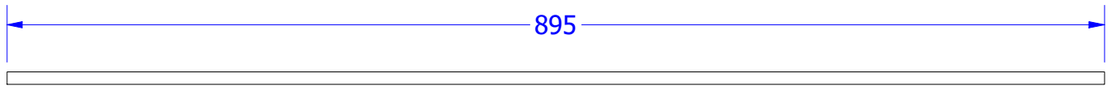


ISO VIEW
SCALE 1:5

PLAN VIEW
SCALE 1:5



END VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-24 CHAIN CONVEYORS

DWG NO: 194801/31

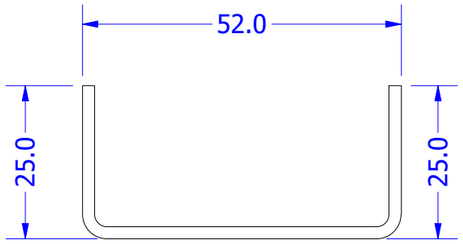
JOB NO:

SCALE: Scale | SHEET 31 OF 34 | SHEET SIZE: A3 | REV: 1

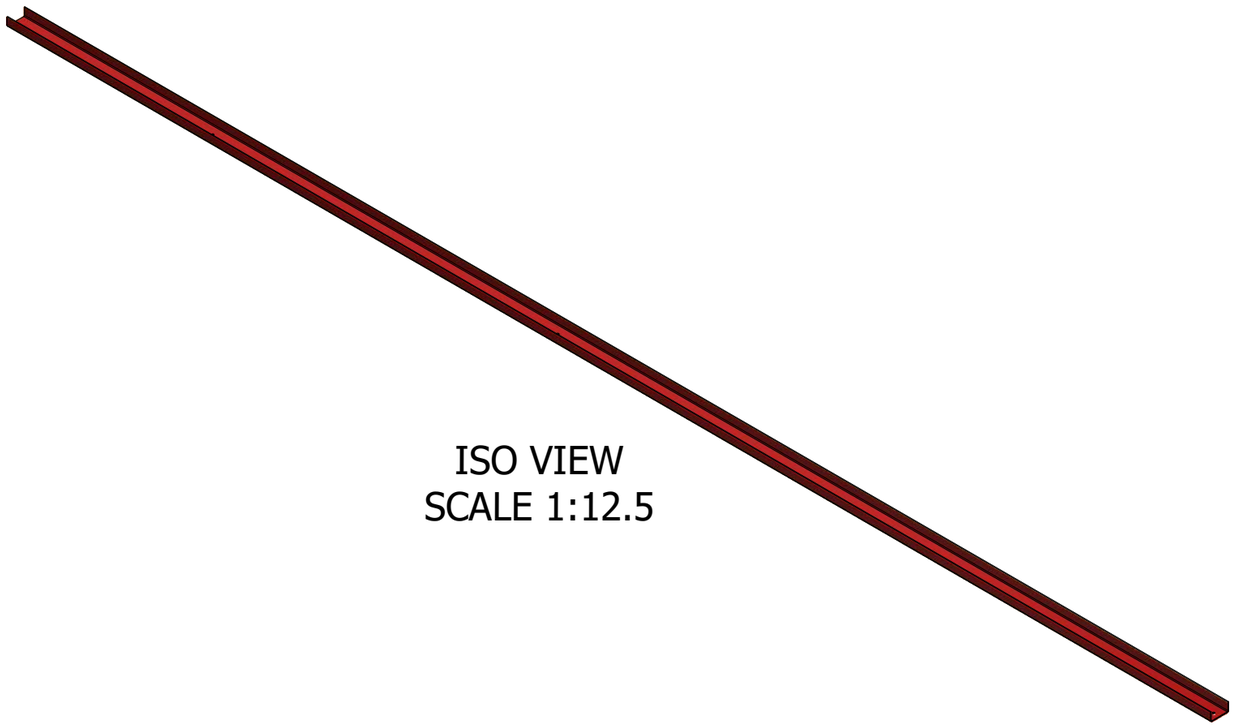
DO NOT SCALE DRAWING

2mm PLATE @ 3470 X 95	Steel, Mild	AS1594 - GR250
DESCRIPTION	MATERIAL	COMMENTS

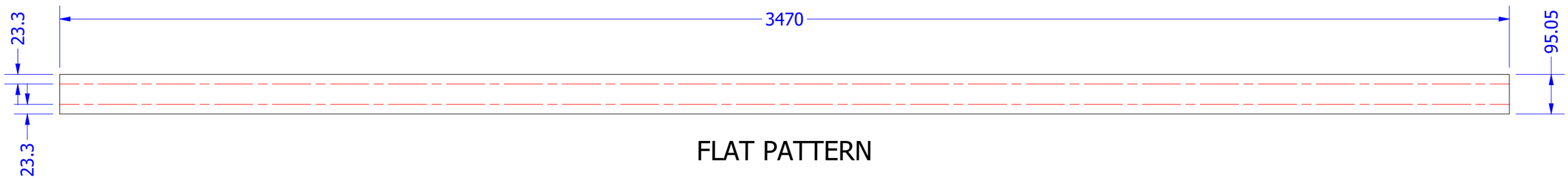
P1948-000-27 - 3 REQ'D AS DRAWN



END VIEW - FOLDED
SCALE 1 : 1



ISO VIEW
SCALE 1:12.5



FLAT PATTERN

ALL FOLDS UP 90°

SCALE 1:10

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-27 CHAIN CONVEYORS

DWG NO: 194801/32

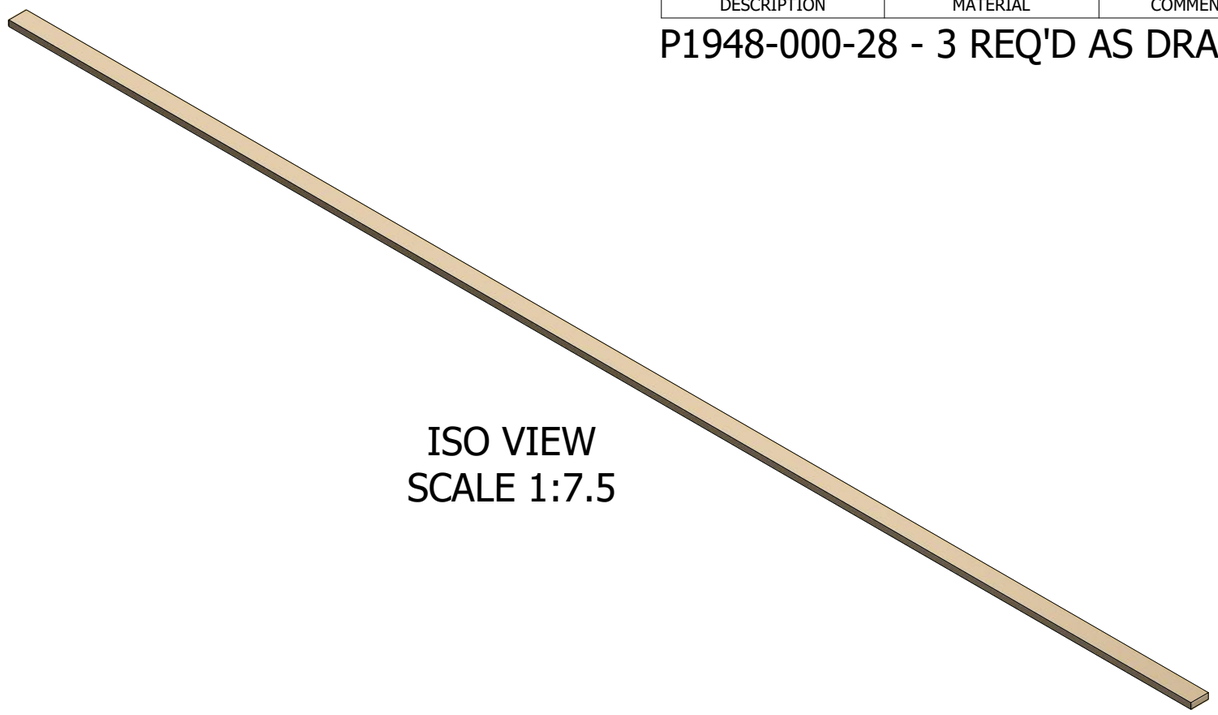
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	32 OF 34	A3	1

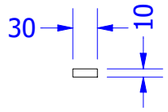
DO NOT SCALE DRAWING

30x10 FLAT @ 2045	Polyethylene, High Density	
DESCRIPTION	MATERIAL	COMMENTS

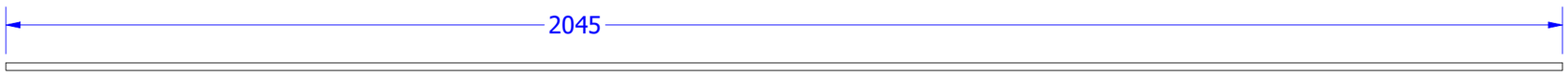
P1948-000-28 - 3 REQ'D AS DRAWN



ISO VIEW
SCALE 1:7.5



END VIEW
SCALE 1:7.5



FRONT VIEW
SCALE 1:7.5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-28 CHAIN CONVEYORS

DWG NO: 194801/33

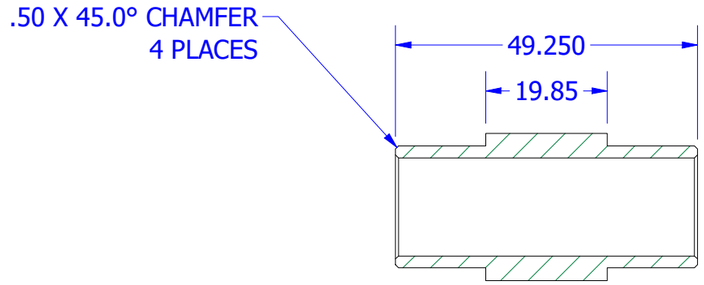
JOB NO:

SCALE: Scale | SHEET 33 OF 34 | SHEET SIZE: A3 | REV: 1

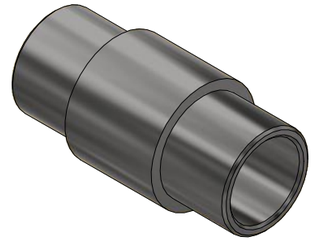
DO NOT SCALE DRAWING

24RND BAR @ 50mm	Steel, Mild	AS1443 - 1020
DESCRIPTION	MATERIAL	COMMENTS

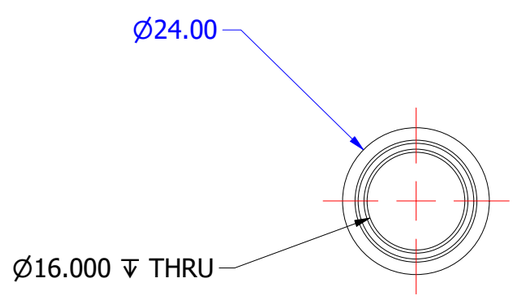
QTY: 1 PER IDLER SPROCKET



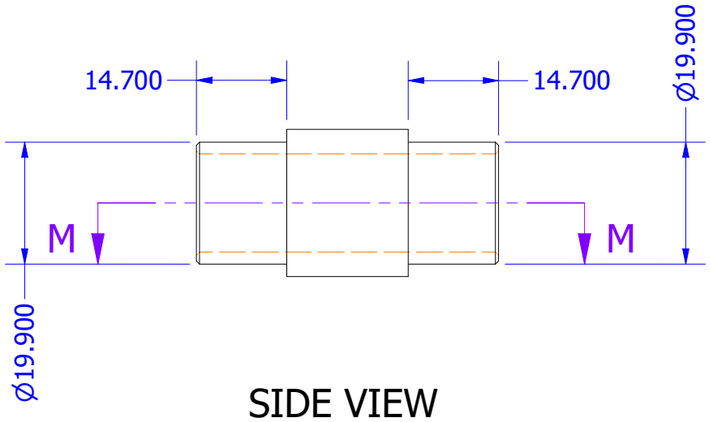
SECTION M-M
SCALE 1 : 1



ISO VIEW
SCALE 1 : 1



END VIEW
SCALE 1 : 1



SIDE VIEW
SCALE 1 : 1

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 15/03/2021

CUSTOMER: RAB ENGINEERING

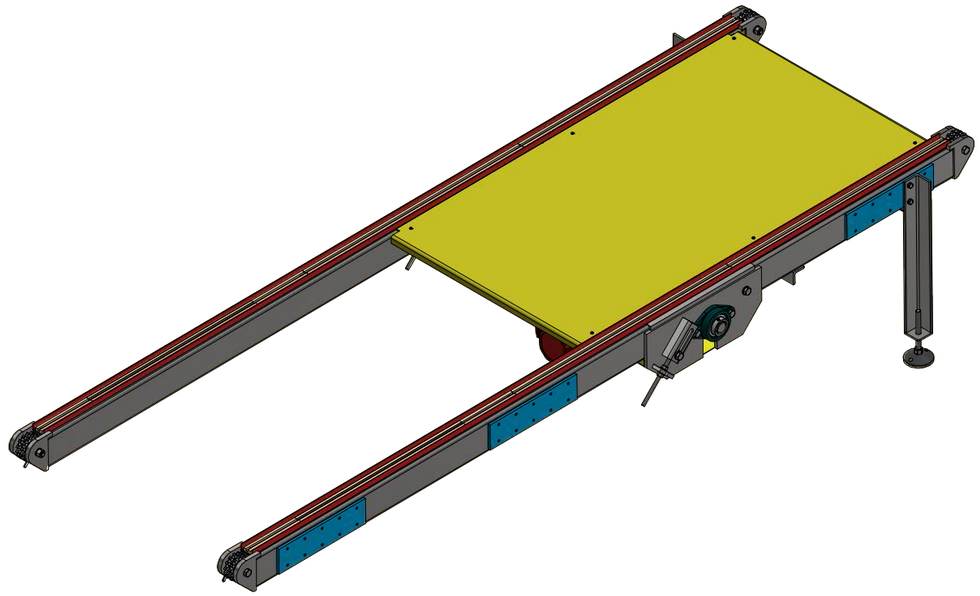
TITLE: P1948-000-29 CHAIN CONVEYORS

DWG NO: 194801/34

JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	34 OF 34	A3	1

DO NOT SCALE DRAWING



ISO VIEW
SCALE 1:20

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
37	ISO 10642 - M5x16	Steel, Mild	C/SUNK SOCKET HEAD	8
36	14 TOOTH DOUBLE ROW IDLER		BSC. 2x BEARINGS & SLEEVE	8
35	KA67_DRN90S4		MOTOR: SEW	1
34	AS 1110 - M12 x 25	Steel, Mild	HEX HEAD BOLT	6
33	AS 1968 - 1976 - 12	Steel, Mild	SPRING WASHER	6
32	AS 1110 - M16 x 55	Steel, Mild	HEX HEAD BOLT	4
31	LDK-FL210. UC210D1+H2309		2 BOLT PILLOW BLOCK	2
30	LVR10016140B	Steel, Mild	ADJUSTABLE FOOT	2
29	P1948-002-01	Steel, Mild	SHEET 12	1
28	AS 1112 - M12	Steel, Mild	HEX NUT	4
27	AS 1237 - 12 mm(3)	Steel, Mild	FLAT WASHER	4
26	M5 x 16 BUTTON HEAD	Steel		14
25	AS 1110 - M8 x 12	Steel, Mild	HEX HEAD BOLT	4
24	AS 1968 - 1976 - 8	Steel, Mild	SPRING WASHER	4
23	AS 1111 - M16 x 140	Steel, Mild	HEX HEAD BOLT	2
22	AS 1285 - M16	Steel, Mild	NYLOCK NUT	4
21	AS 1111 - M16 x 110	Steel, Mild	HEX HEAD BOLT	6
20	AS 1110 - M10 x 20	Steel, Mild	HEX HEAD BOLT	4
19	AS 1968 - 1976 - 10	Steel, Mild	SPRING WASHER	4
18	AS 1968 - 1976 - 16	Steel, Mild	SPRING WASHER	9
17	AS 1237 - 16 mm(3)	Steel, Mild	FLAT WASHER	13
16	AS 1110 - M16 x 50	Steel, Mild	HEX HEAD BOLT	1
15	P1948-000-11	Steel, Mild	SHEET 24	2
14	P1948-000-23	HDPE	SHEET 29	2
13	P1948-000-24	HDPE	SHEET 30	2
12	P1948-000-15	HDPE	SHEET 27	8
11	W1948-000-04		SHEET 7	1
10	P1948-000-10	Steel, Mild	SHEET 23	4
9	21T DRIVE SPROCKET	Steel, Mild	194810	2
8	W1948-000-05		SHEET 8	1
7	P1948-000-09	Steel, Mild	SHEET 22	4
6	P1948-000-12	Steel, Mild	SHEET 25	1
5	W1948-002-04		SHEET 7	1
4	W1948-002-03		SHEET 10	1
3	W1948-002-02		SHEET 5	1
2	W1948-002-01		SHEET 4	1
1	AS 1112 - M16	Steel, Mild	HEX NUT	11

A1948-002-01 - 7 REQ'D AS DRAWN

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

REV	DATE	DESCRIPTION	APPRD
1	27/04/2021	AS BUILT	DB
0	7/04/2021	APPROVED FOR MANUFACTURE	PB

REVISION HISTORY

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

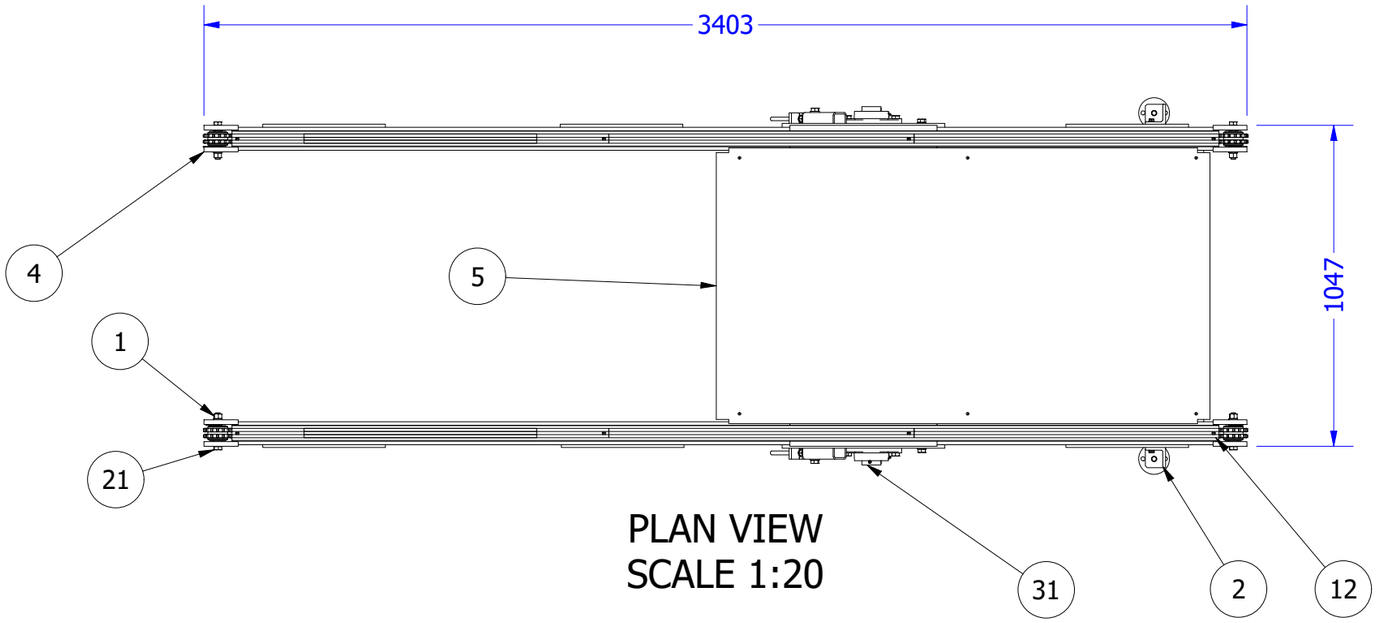
TITLE: A1948-002-01 CHAIN CONVEYORS

DWG NO: 194802

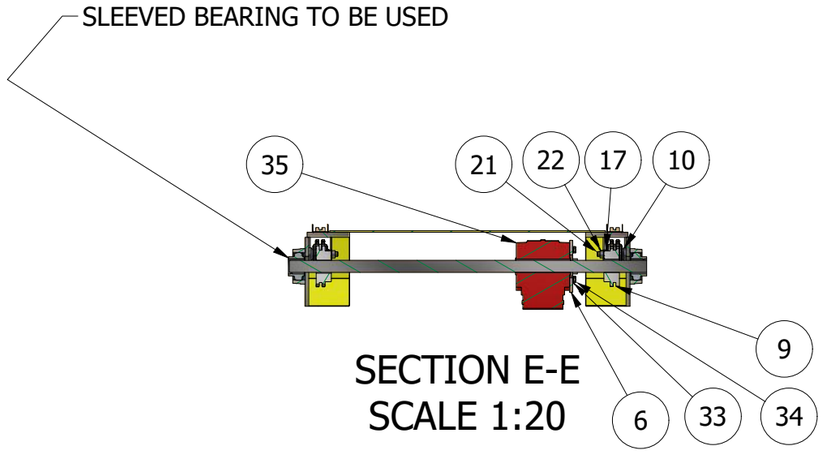
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	1 OF 31	A3	1

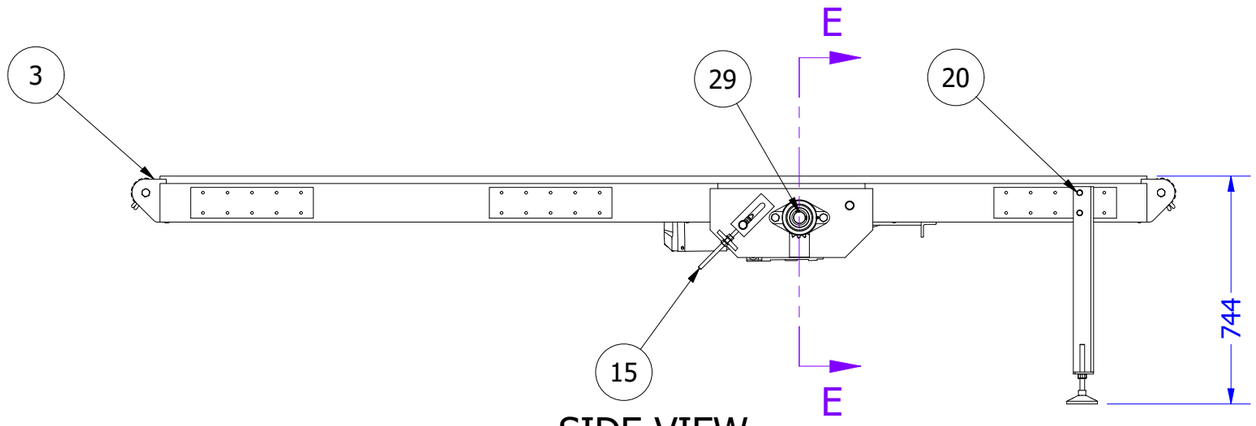
DO NOT SCALE DRAWING



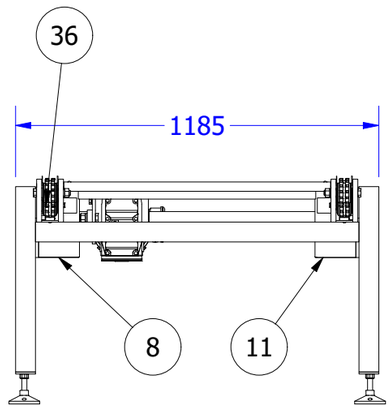
PLAN VIEW
SCALE 1:20



SECTION E-E
SCALE 1:20



SIDE VIEW
SCALE 1:20



END VIEW
SCALE 1:20

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: A1948-002-01 CHAIN CONVEYORS

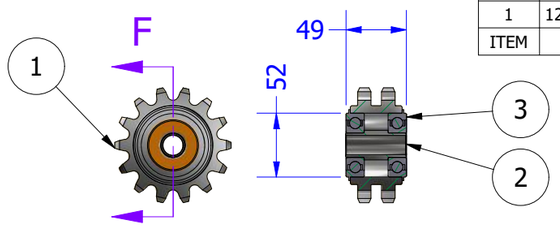
DWG NO: 194802

JOB NO:

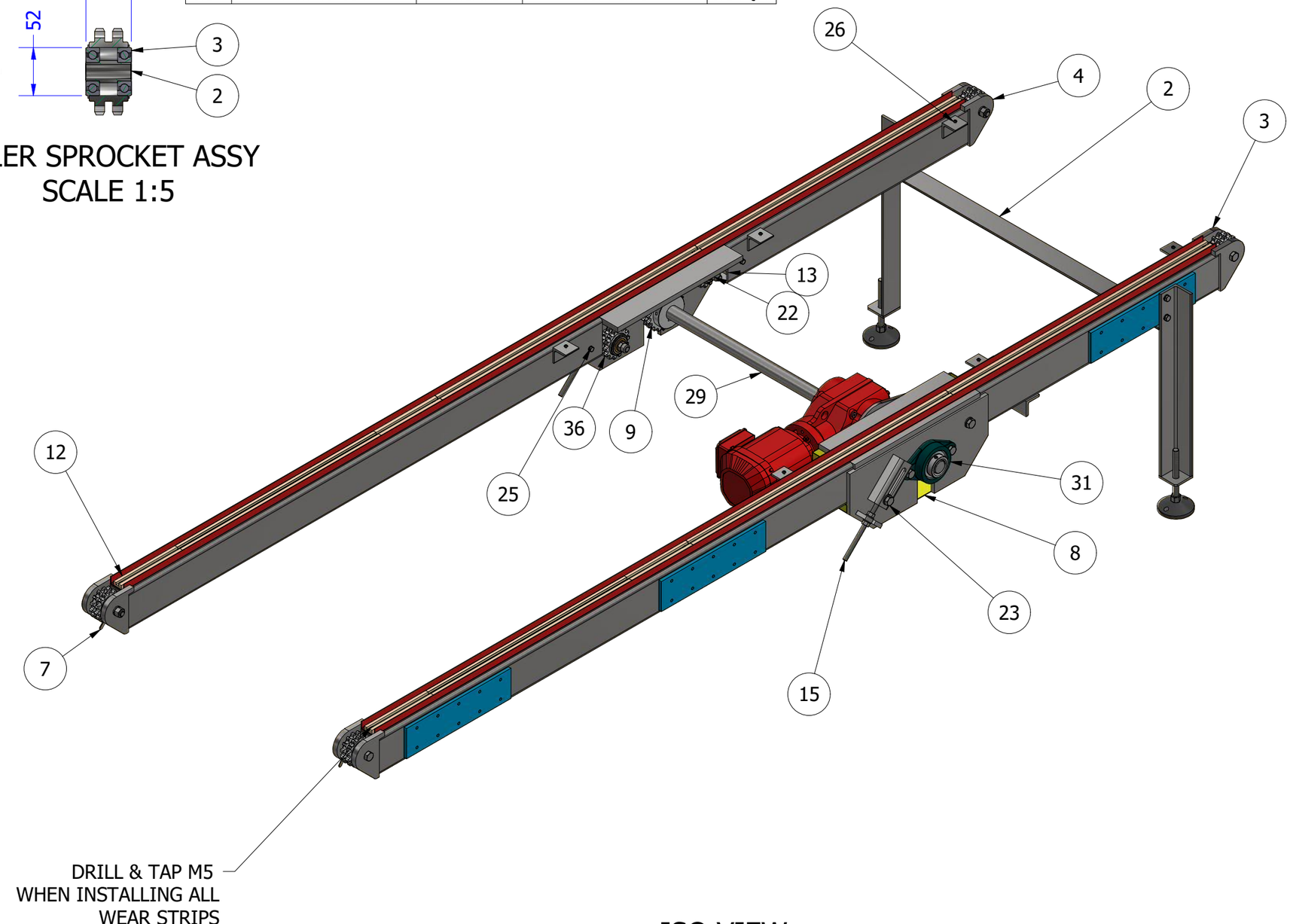
SCALE:	SHEET	SHEET SIZE:	REV:
Scale	2 OF 31	A3	1

DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
3	NTN 6304LLUNR		BEARING	2
2	P1948-000-29	Steel, Mild	SHEET 31	1
1	12B2-14 DUPLEX SPROCKET	Steel, Mild	52mm BORE	1



IDLER SPROCKET ASSY
SCALE 1:5



ISO VIEW
TREAD PLATE REMOVED FOR CLARITY
SCALE 1:12.5

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

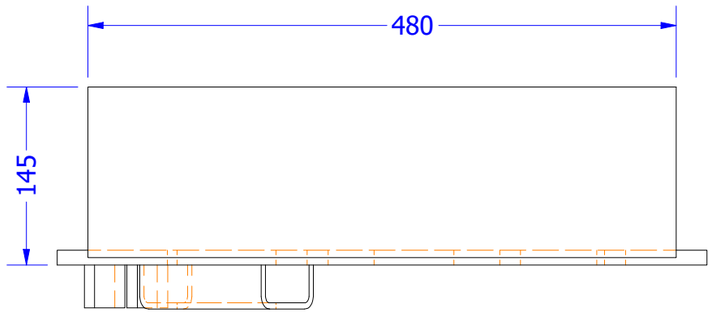
DRAWN: David Bilney
DESIGNED: David Bilney
DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING
TITLE: A1948-002-01 CHAIN CONVEYORS
DWG NO: 194802
JOB NO:
SCALE: Scale | SHEET 3 OF 31 | SHEET SIZE: A3 | REV: 1

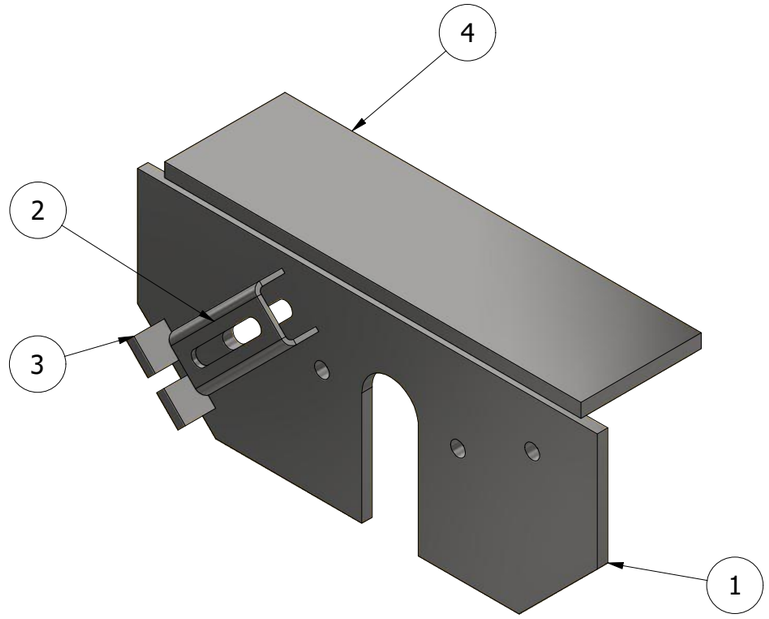
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
4	P1948-000-03	Steel, Mild	SHEET 16	1
3	P1948-000-05	Steel, Mild	SHEET 18	2
2	P1948-000-04	Steel, Mild	SHEET 17	1
1	P1948-000-01	Steel, Mild	SHEET 14	1

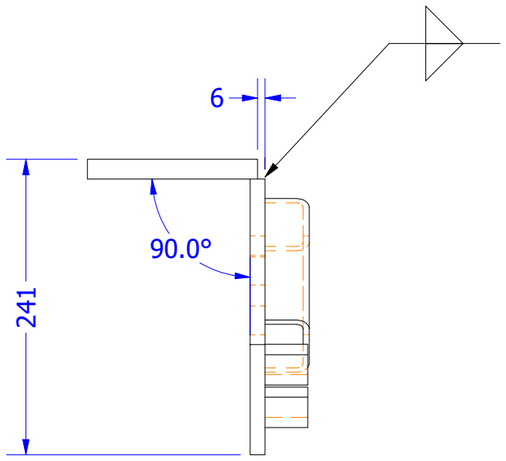
W1948-000-01 - 1 REQ'D AS DRAWN



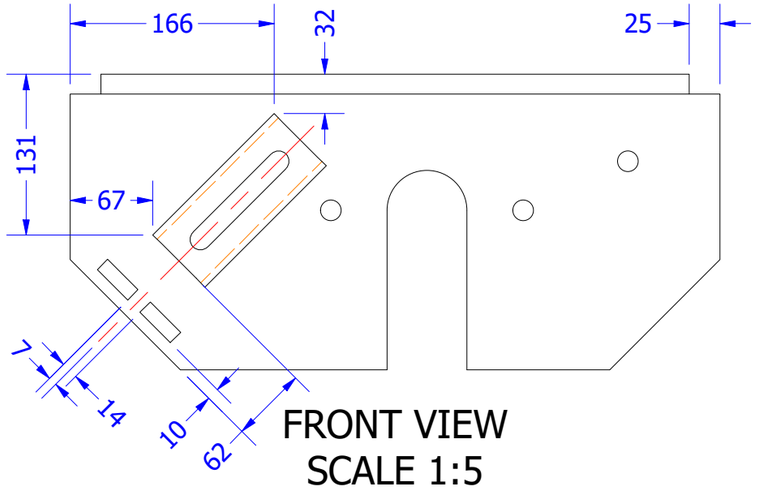
PLAN VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5



END VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

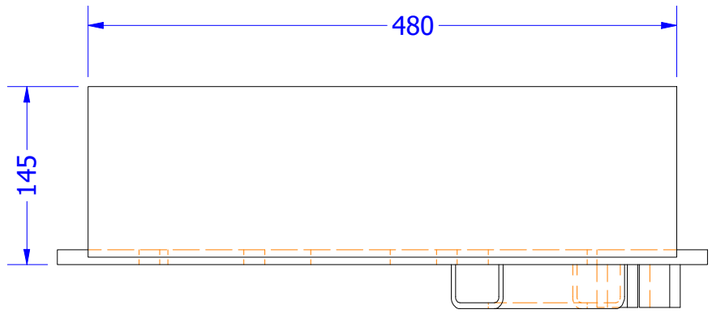
DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	
CUSTOMER:	RAB ENGINEERING
DRAWN: David Bilney	
TITLE:	W1948-000-01 CHAIN CONVEYORS
DESIGNED: David Bilney	
DWG NO:	194801/4
DATE: 17/03/2021	
JOB NO:	
SCALE: Scale	SHEET 4 OF 31
SHEET SIZE: A3	REV: 1

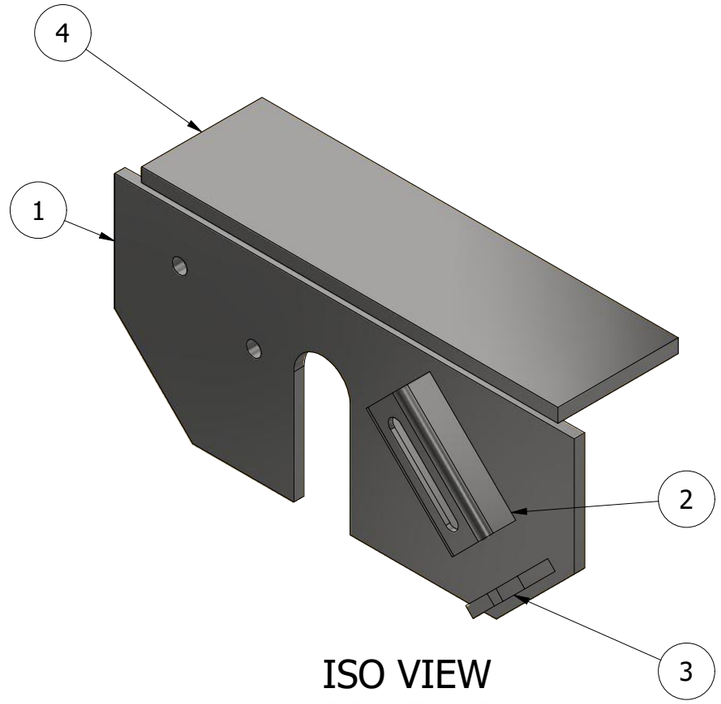
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
4	P1948-000-03	Steel, Mild	SHEET 16	1
3	P1948-000-05	Steel, Mild	SHEET 18	2
2	P1948-000-04	Steel, Mild	SHEET 17	1
1	P1948-000-01	Steel, Mild	SHEET 14	1

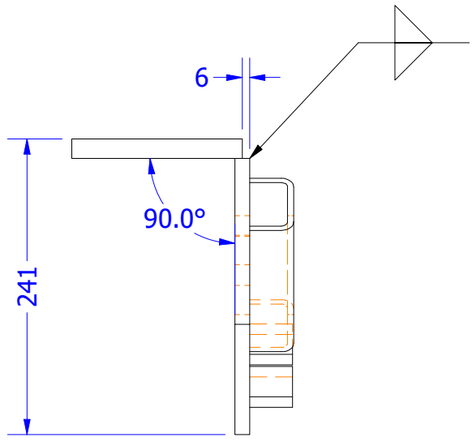
W1948-000-02 - 1 REQ'D AS DRAWN



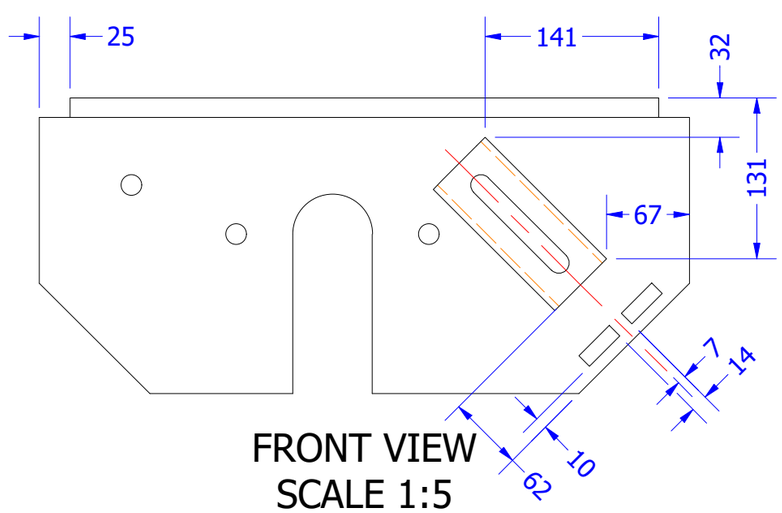
PLAN VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5



END VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

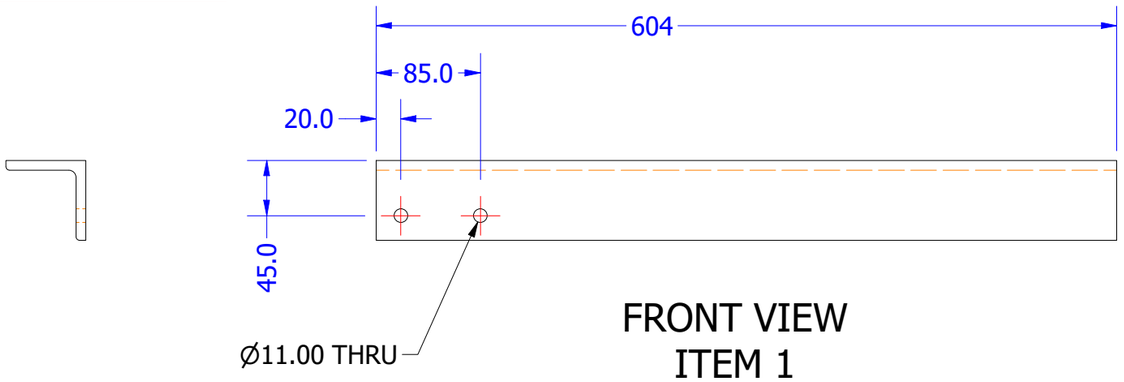
DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	
CUSTOMER:	RAB ENGINEERING
DRAWN: David Bilney	
TITLE:	W1948-000-02 CHAIN CONVEYORS
DESIGNED: David Bilney	
DWG NO:	194801/5
DATE: 17/03/2021	
JOB NO:	
SCALE: Scale	
SHEET 5 OF 31	
SHEET SIZE: A3	
REV: 1	

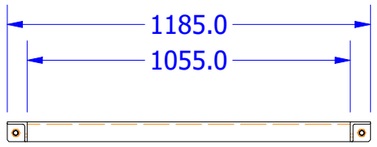
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
5	65x8EA @ 604	Steel, Mild		1
4	65x8EA @ 1055	Steel, Mild		1
3	AS 1112 - M16	Steel, Mild	HEX NUT	2
2	P1948-000-08	Steel, Mild	SHEET 21	2
1	65x8EA @ 604	Steel, Mild		1

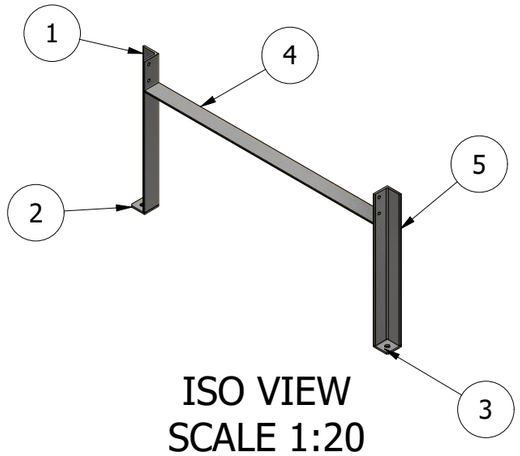
W1948-002-01 - 1 REQ'D AS DRAWN



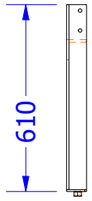
FRONT VIEW
ITEM 1
ITEM 5 OPPOSITE
SCALE 1:5



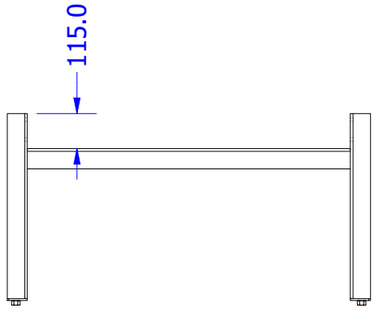
PLAN VIEW
SCALE 1:20



ISO VIEW
SCALE 1:20



SIDE VIEW
SCALE 1:20



FRONT VIEW
SCALE 1:20

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: GREY

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

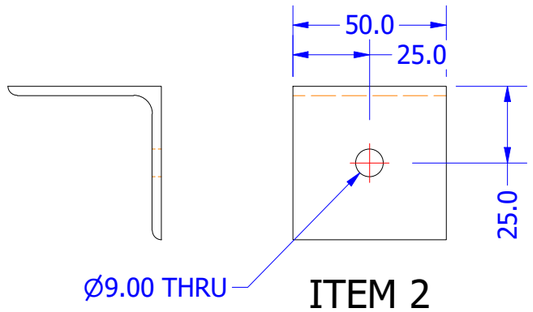
PARENT ASSEMBLY	
CUSTOMER:	RAB ENGINEERING
DRAWN: David Bilney	TITLE: W1948-002-01 CHAIN CONVEYORS
DESIGNED: David Bilney	DWG NO: 194802
DATE: 17/03/2021	JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	6 OF 31	A3	1

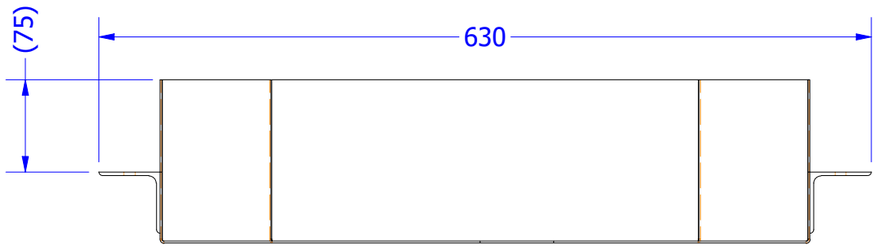
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	50x3 EA @ 50	Steel, Mild		2
1	P1948-000-16	Steel, Mild	SHEET 28	1

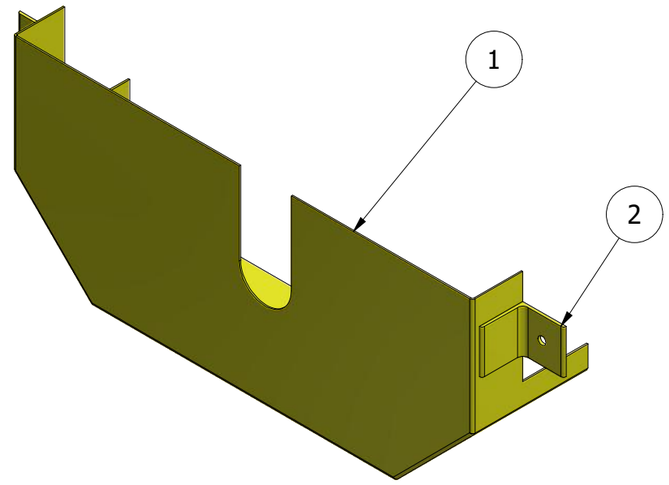
W1948-000-04 - 1 REQ'D AS DRAWN



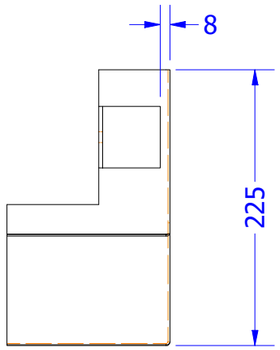
ITEM 2
SCALE 1:2



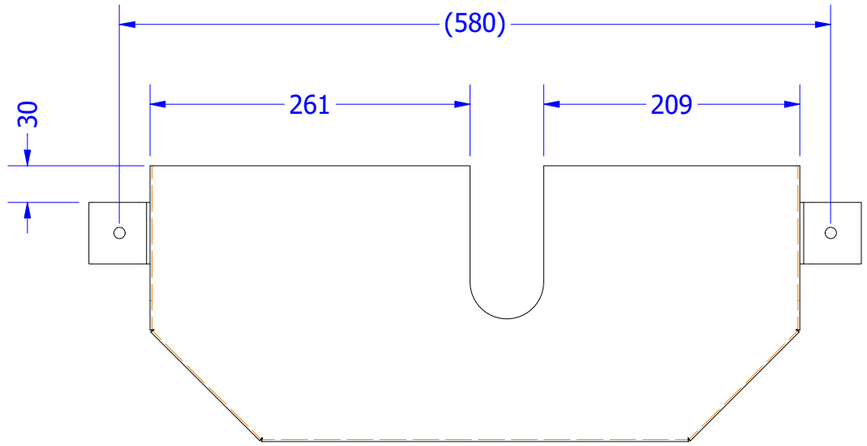
PLAN VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

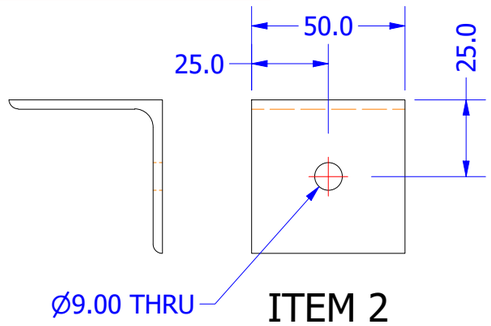
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	CUSTOMER: RAB ENGINEERING				
DRAWN: David Bilney	TITLE: W1948-000-04 CHAIN CONVEYORS				
DESIGNED: David Bilney	DWG NO: 194801/7				
DATE: 17/03/2021	JOB NO:	SCALE: Scale	SHEET 7 OF 31	SHEET SIZE: A3	REV: 1

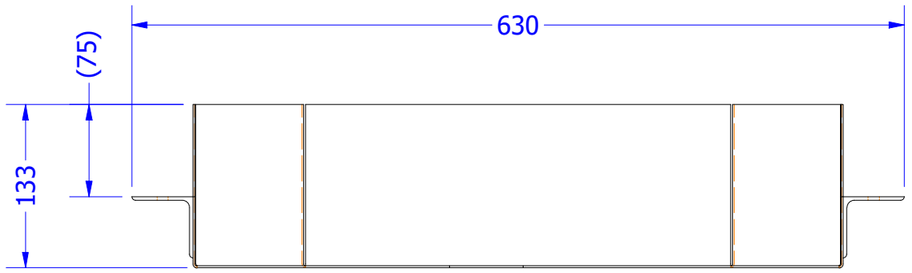
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	50x3 EA @ 50	Steel, Mild		2
1	P1948-000-17	Steel, Mild	SHEET 28	1

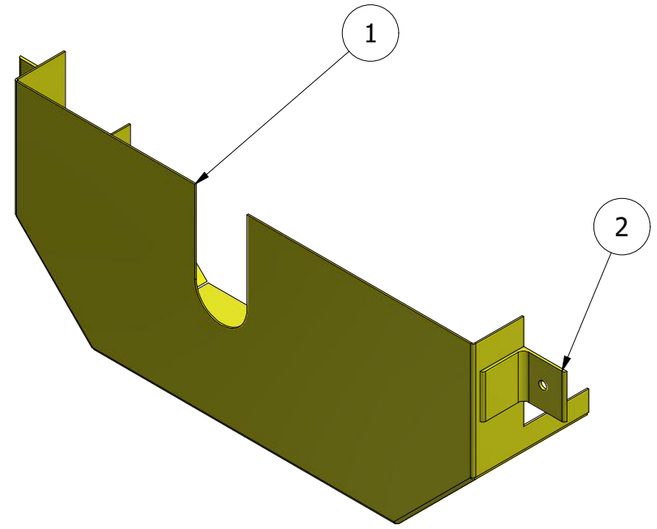
W1948-000-05 - 1 REQ'D AS DRAWN



ITEM 2
SCALE 1:2

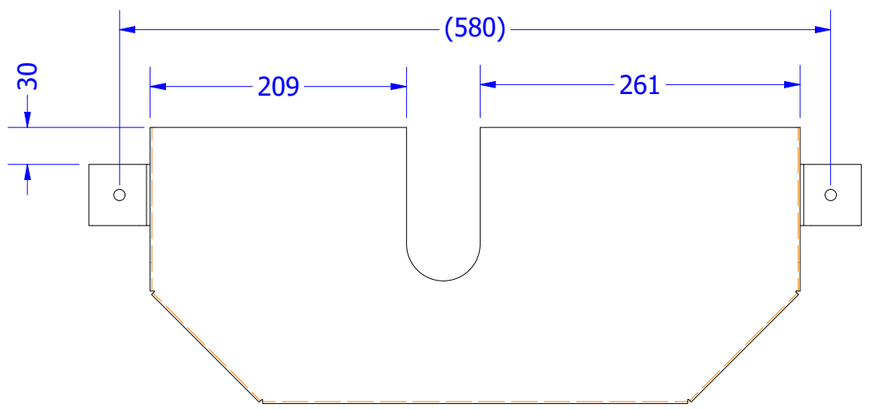


PLAN VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5

SIDE VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

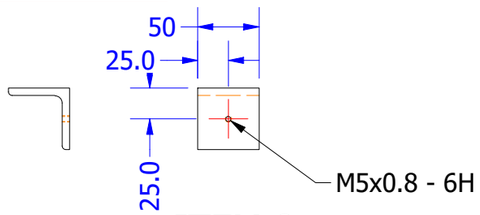
TITLE: W1948-000-05 CHAIN CONVEYORS

DWG NO: 194801/8

JOB NO:

SCALE: Scale | SHEET 8 OF 31 | SHEET SIZE: A3 | REV: 1

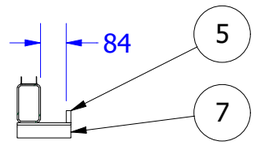
DO NOT SCALE DRAWING



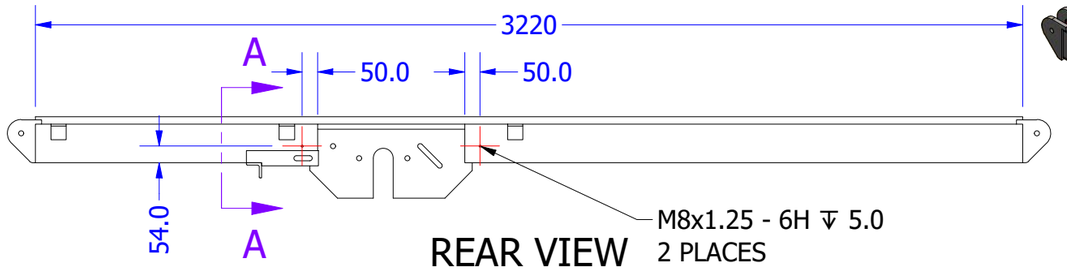
ITEM 8
SCALE 1:5

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
9	125x75x5.0 RHS @ 1820	Steel, Mild		1
8	125x75x5.0 RHS @ 920	Steel, Mild		1
7	50x8 EA @ 175	Steel, Mild		1
6	50x6 EA @ 50	Steel, Mild		3
5	P1948-000-13	Steel, Mild	SHEET 26	1
4	P1948-000-07	Steel, Mild	SHEET 20	1
3	P1948-000-06	Steel, Mild	SHEET 19	3
2	W1948-000-01	Weldment	SHEET 4	1
1	P1948-000-02	Steel, Mild	SHEET 15	4

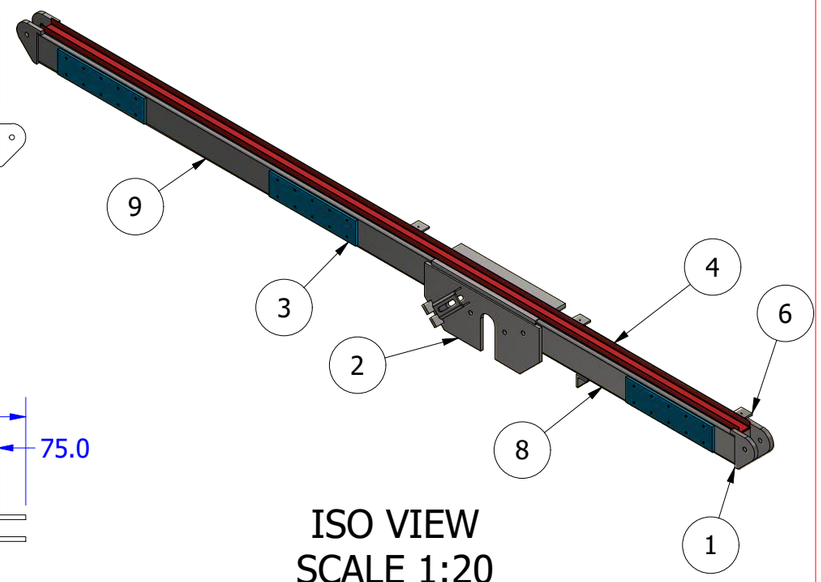
W1948-002-02 - 1 REQ'D AS DRAWN



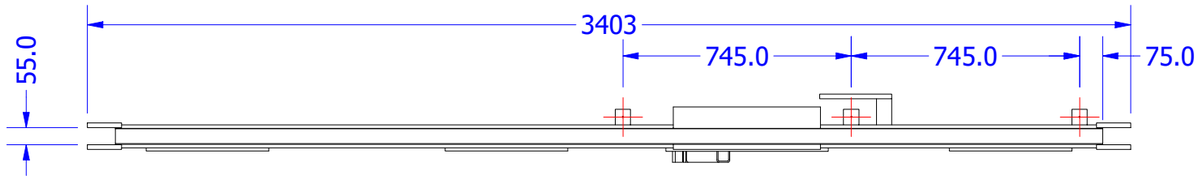
SECTION A-A
SCALE 1:20



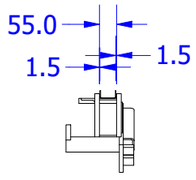
REAR VIEW
SCALE 1:20



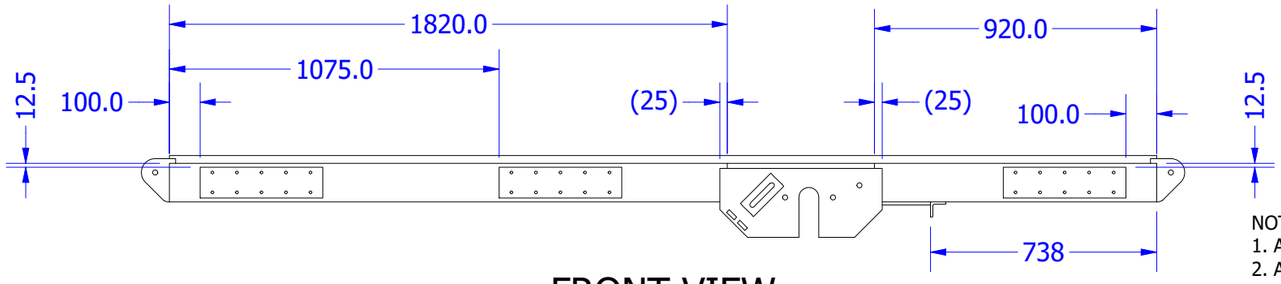
ISO VIEW
SCALE 1:20



PLAN VIEW
SCALE 1:20



END VIEW
SCALE 1:20



FRONT VIEW
SCALE 1:20

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: GREY

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

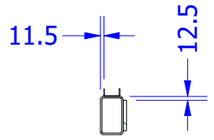
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	
CUSTOMER:	RAB ENGINEERING
DRAWN: David Bilney	
TITLE:	W1948-002-02 CHAIN CONVEYORS
DESIGNED: David Bilney	
DWG NO:	194802
DATE: 17/03/2021	
JOB NO:	
SCALE: Scale	
SHEET 9 OF 31	
SHEET SIZE: A3	
REV: 1	

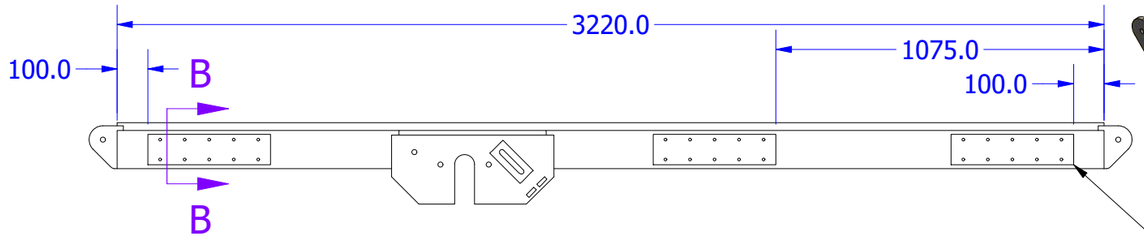
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
9	125x75x5.0 RHS @ 920	Steel, Mild		1
8	125x75x5.0 RHS @ 1820	Steel, Mild		1
7	50x6 EA @ 50	Steel, Mild	REFER SHEET 9	3
6	P1948-000-07	Steel, Mild	SHEET 20	1
5	P1948-000-06	Steel, Mild	SHEET 19	3
3	W1948-000-02	Weldment	SHEET 5	1
1	P1948-000-02	Steel, Mild	SHEET 15	4

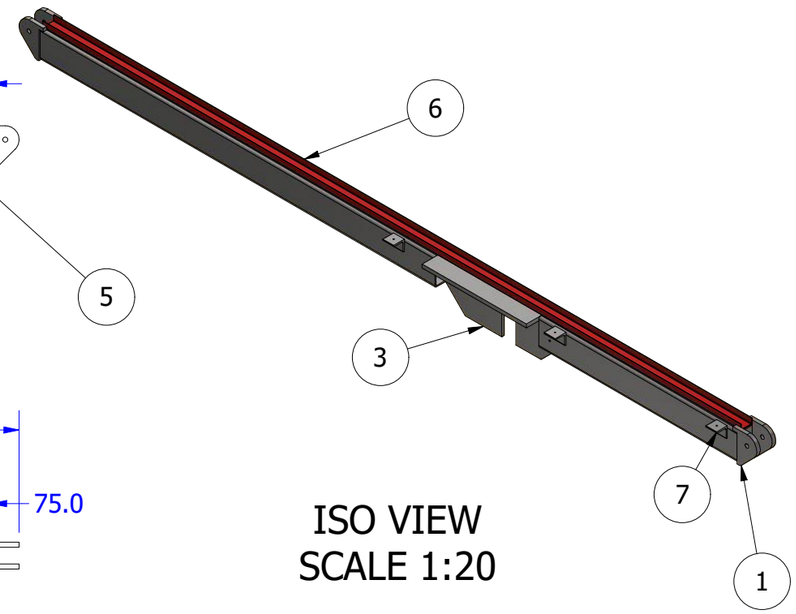
W1948-002-03 - 1 REQ'D AS DRAWN



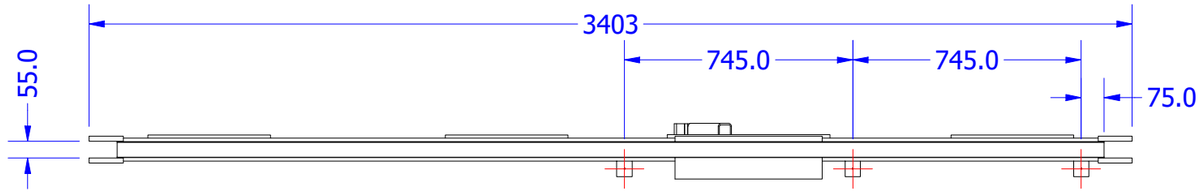
SECTION B-B
SCALE 1:20



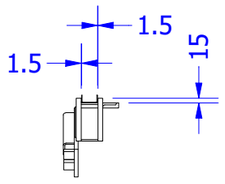
FRONT VIEW
SCALE 1:20



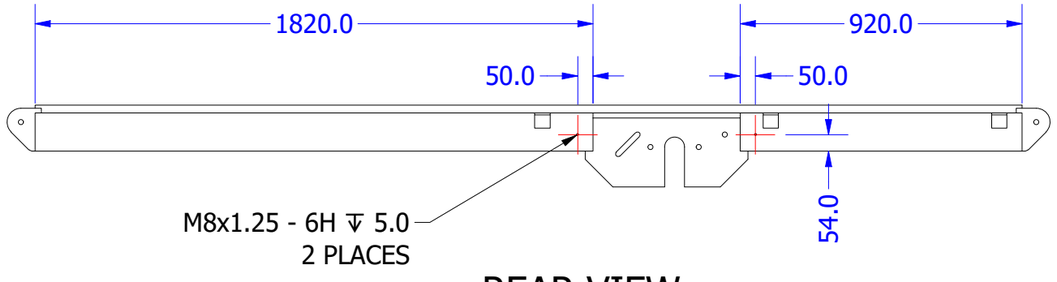
ISO VIEW
SCALE 1:20



PLAN VIEW
SCALE 1:20



END VIEW
SCALE 1:20



REAR VIEW
SCALE 1:20

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: GREY

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

JOB NO:

CUSTOMER: RAB ENGINEERING

TITLE: W1948-002-03 CHAIN CONVEYORS

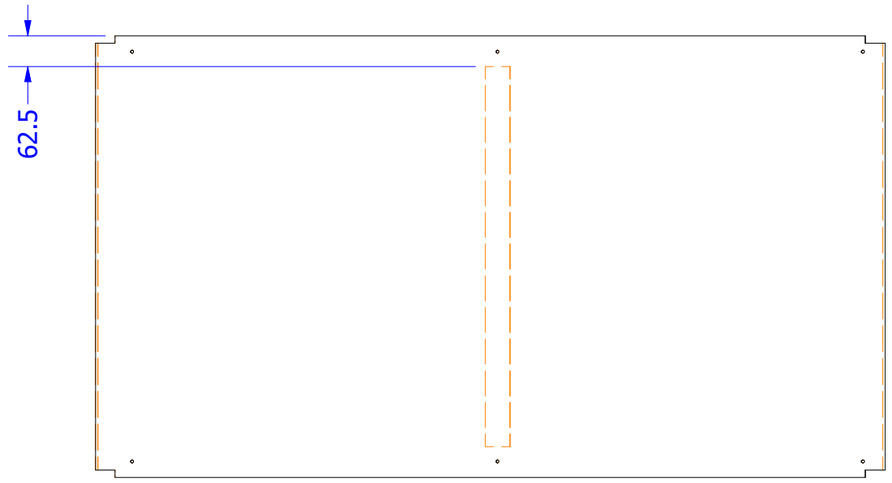
DWG NO: 194802

SCALE: Scale | SHEET 10 OF 31 | SHEET SIZE: A3 | REV: 1

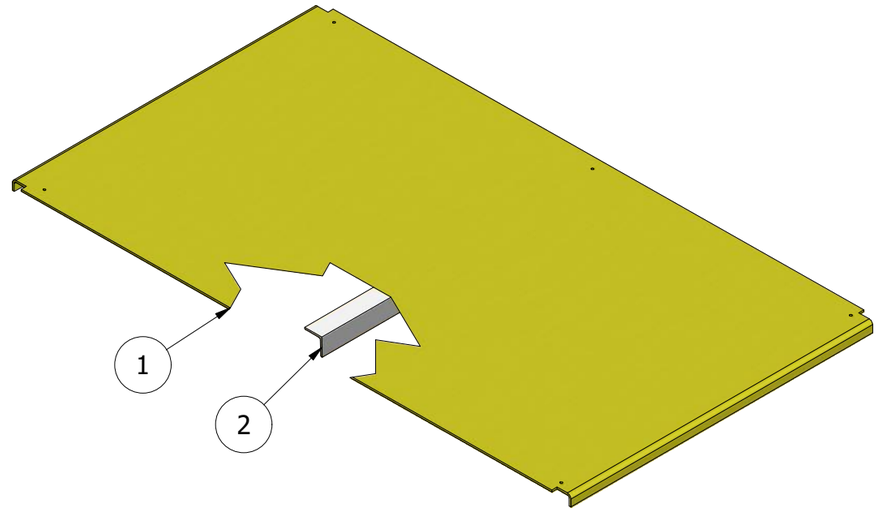
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	50x5 EA @ 775	Aluminum 6061		1
1	P1948-003-02	Aluminum 5052	SHEET 13	1

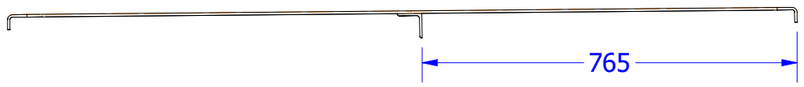
W1948-002-04 - 1 REQ'D AS DRAWN



PLAN VIEW
SCALE 1:12.5



ISO VIEW
SCALE 1:12.5



FRONT VIEW
SCALE 1:12.5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-002-04 CHAIN CONVEYORS

DWG NO: 194802

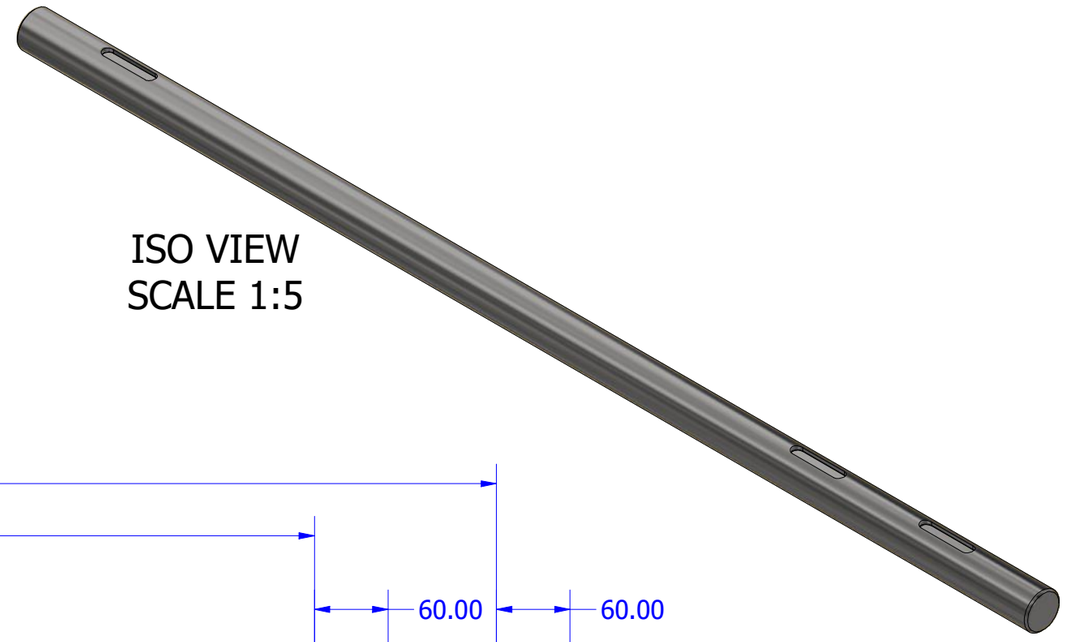
JOB NO:

SCALE: Scale | SHEET 11 OF 31 | SHEET SIZE: A3 | REV: 1

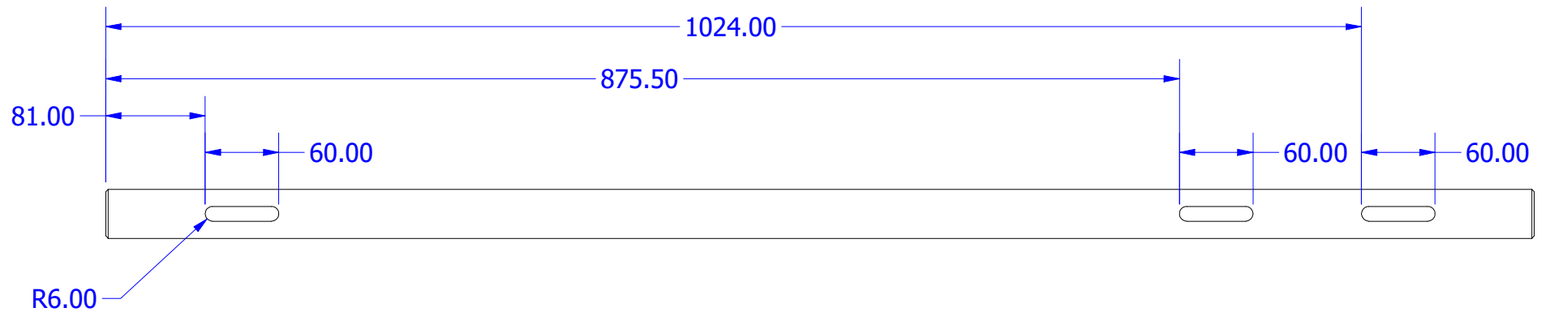
DO NOT SCALE DRAWING

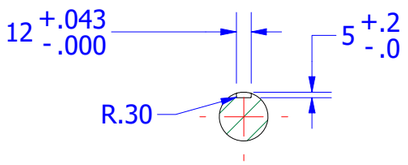
40 RND BAR @ 1165	Steel	AS1444-1996 4140
DESCRIPTION	MATERIAL	COMMENTS

P1948-002-01 - 1 REQ'D AS DRAWN

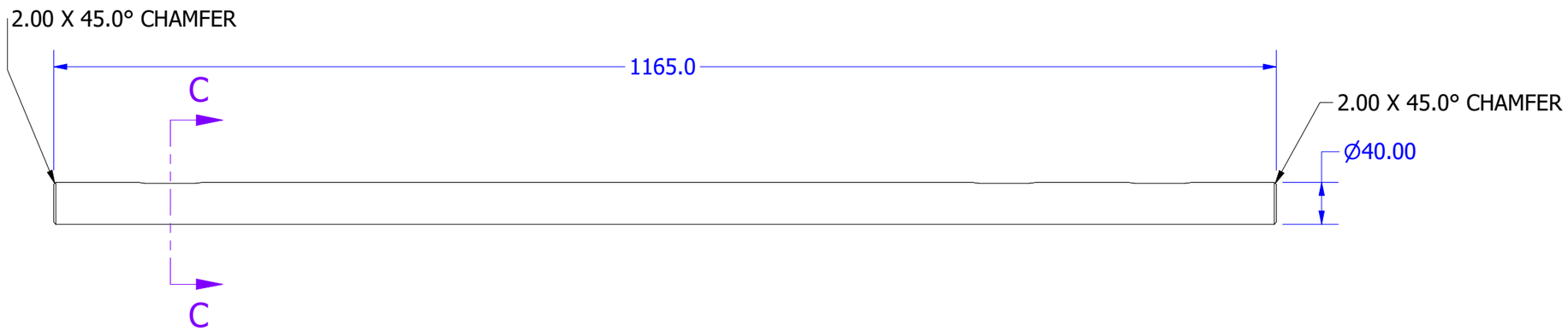


ISO VIEW
SCALE 1:5





SECTION C-C
SCALE 1:5



REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-002-01 CHAIN CONVEYORS

DWG NO: 194802

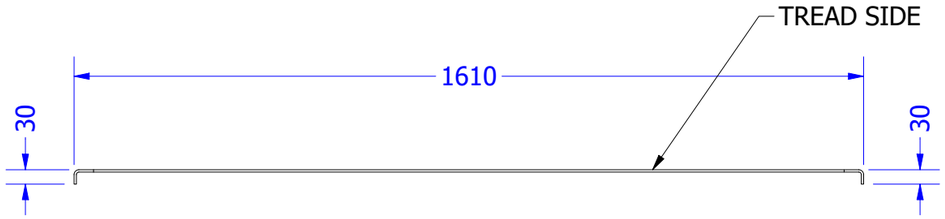
JOB NO:

SCALE: Scale | SHEET 12 OF 31 | SHEET SIZE: A3 | REV: 1

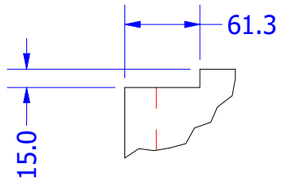
DO NOT SCALE DRAWING

5mm PLATE @ 1653 X 900	Aluminum 5052	AS1734
DESCRIPTION	MATERIAL	COMMENTS

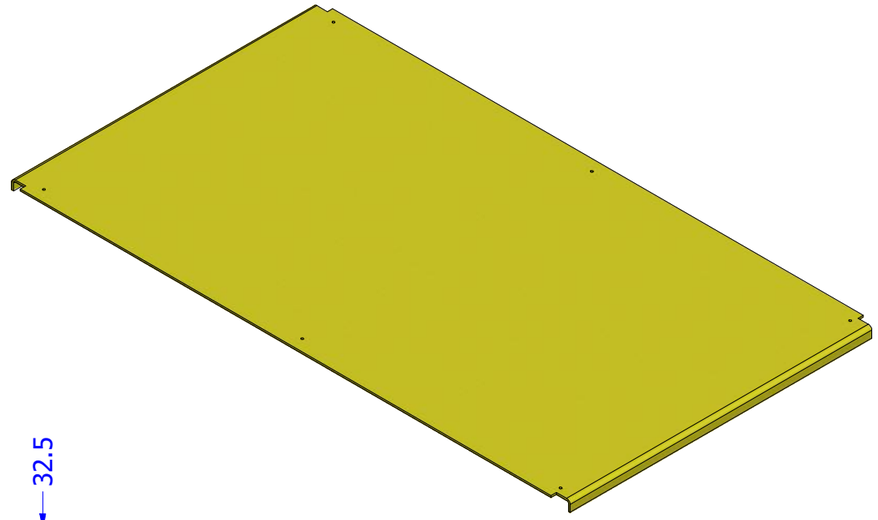
P1948-003-02 - 1 REQ'D AS DRAWN



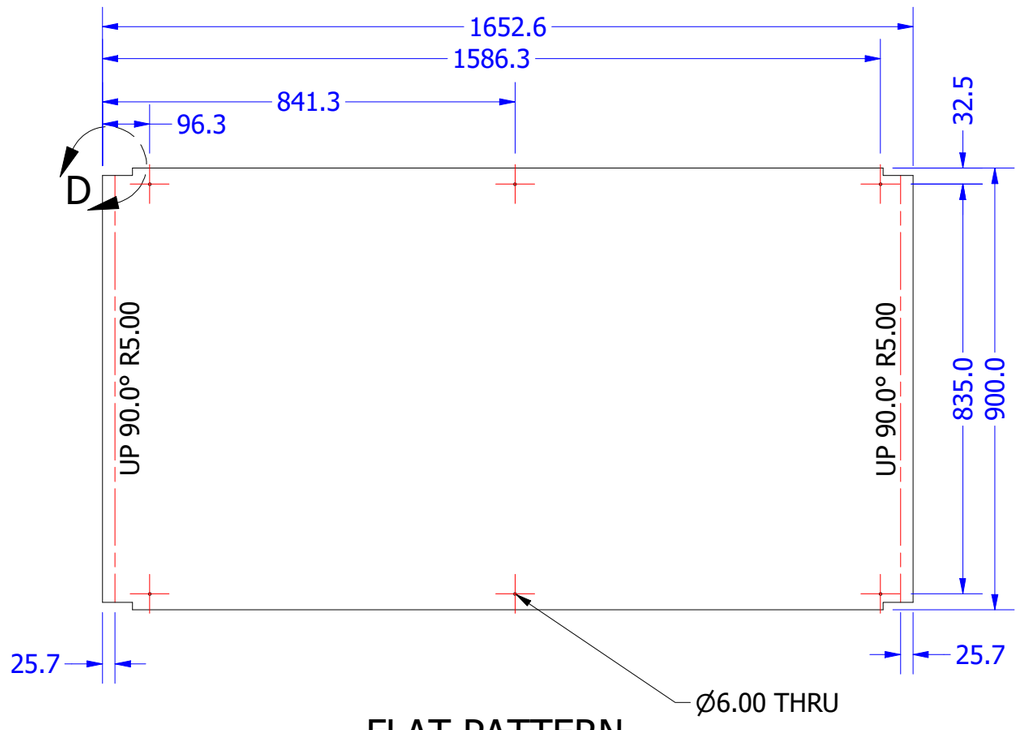
FRONT VIEW - FOLDED
SCALE 1:12.5



DETAIL D
TYPICAL CUTOUT
SCALE 1:5



ISO VIEW
SCALE 1:12.5



FLAT PATTERN
TREAD SIDE DOWN
SCALE 1:12.5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

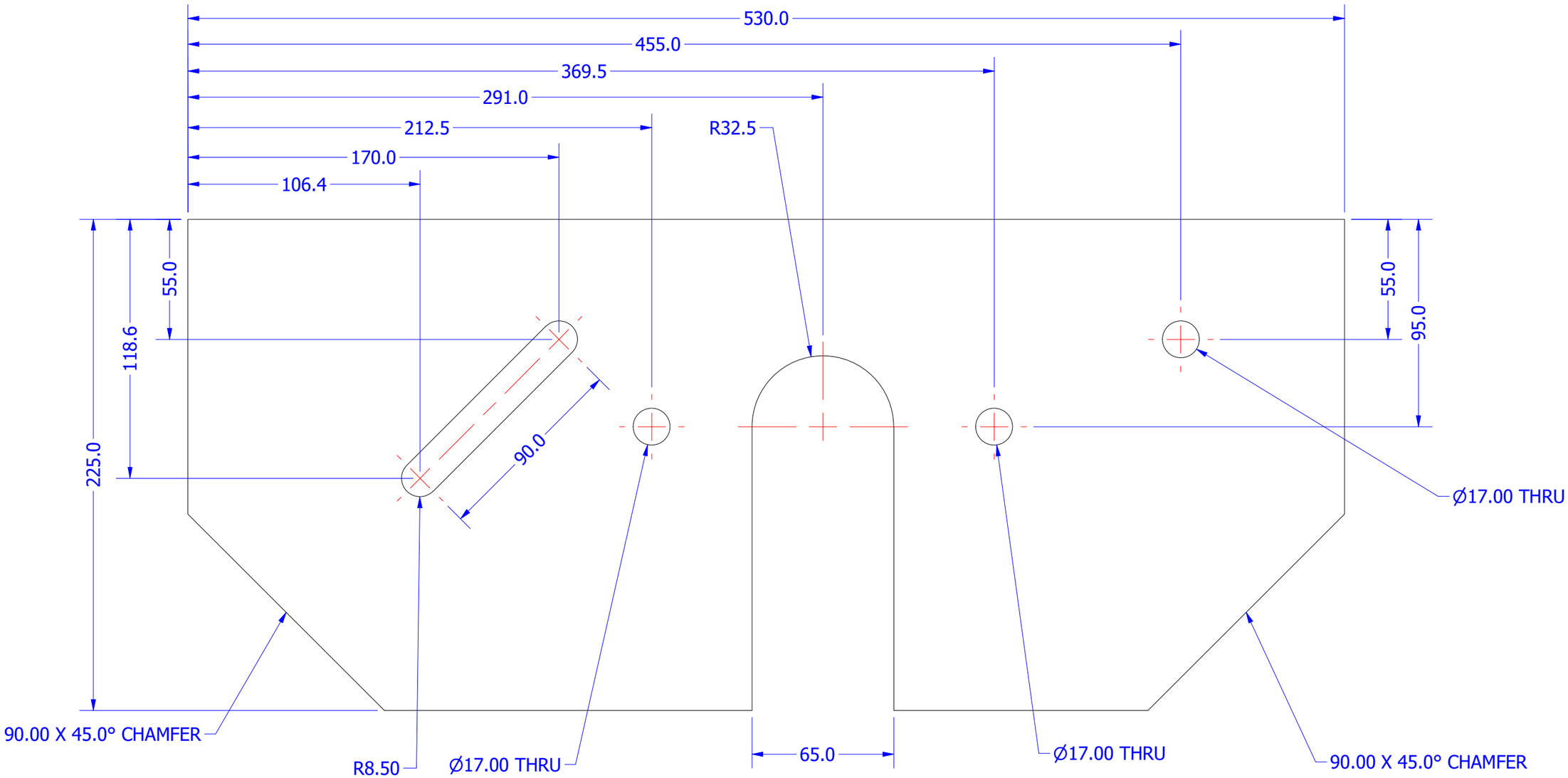
DRAWN: David Bilney
DESIGNED: David Bilney
DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING
TITLE: P1948-003-02 CHAIN CONVEYORS
DWG NO: 194802
JOB NO:
SCALE: Scale
SHEET 13 OF 31
SHEET SIZE: A3
REV: 1

DO NOT SCALE DRAWING

12mm PLATE @ 530 X 225	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-01 - 2 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-01 CHAIN CONVEYORS

DWG NO: 194801/12

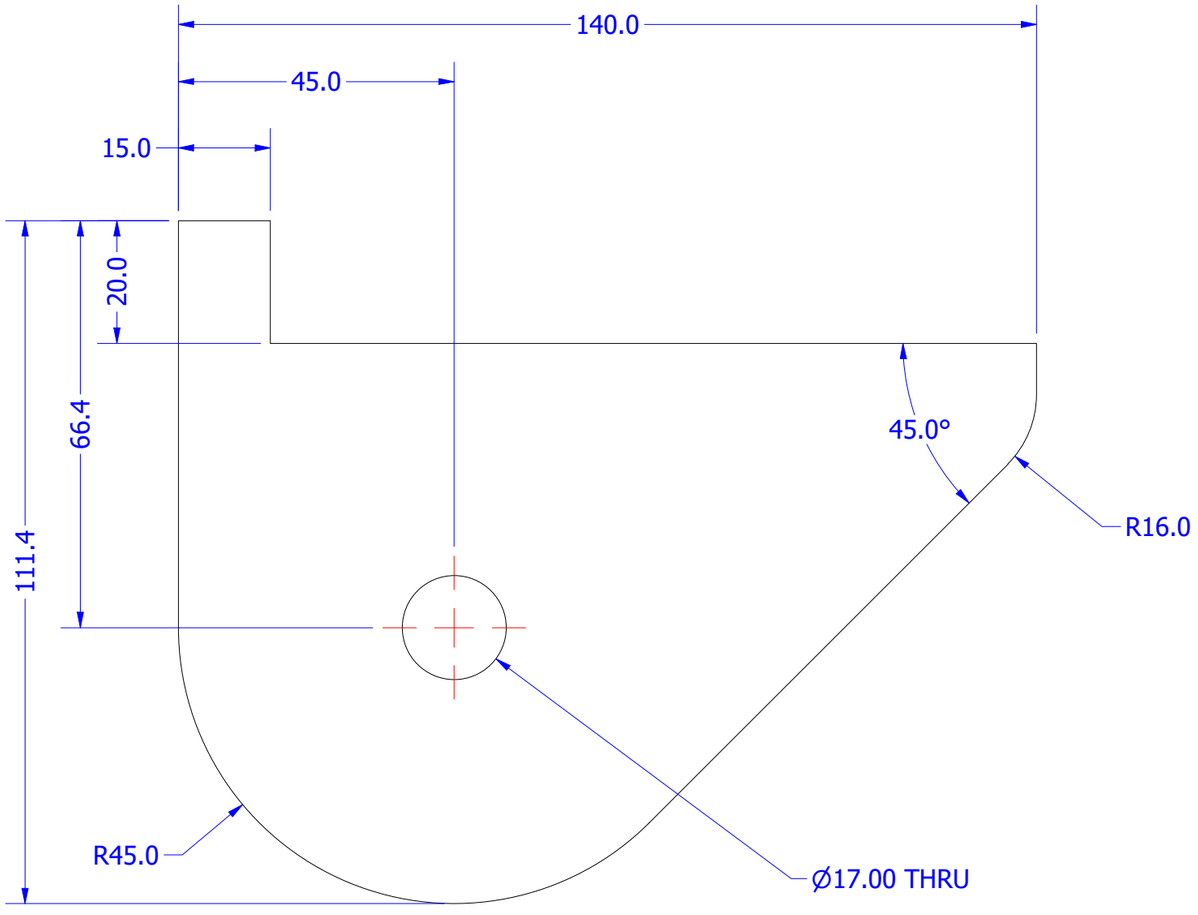
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	14 OF 31	A3	1

DO NOT SCALE DRAWING

16mm PLATE @ 140 X 111	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-02 - 8 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-02 CHAIN CONVEYORS

DWG NO: 194801/13

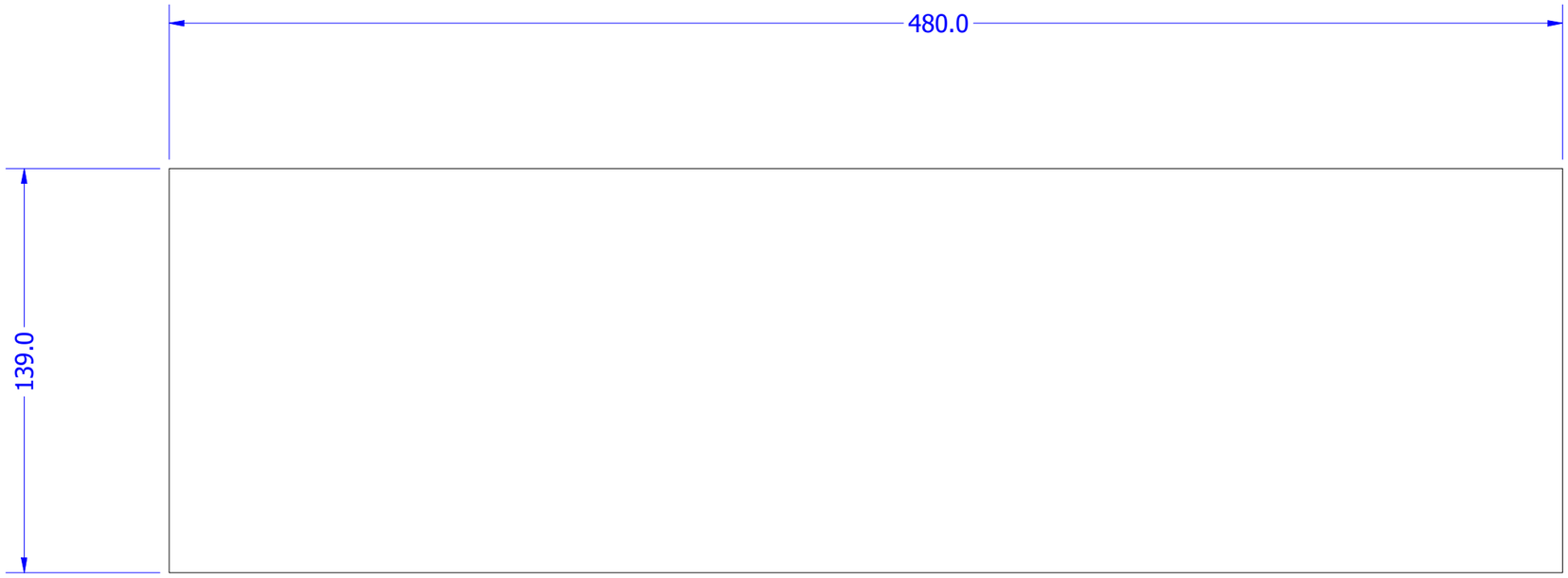
JOB NO:

SCALE: Scale | SHEET 15 OF 31 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

16mm PLATE @ 480 X 139	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-03 - 2 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-03 CHAIN CONVEYORS

DWG NO: 194801/14

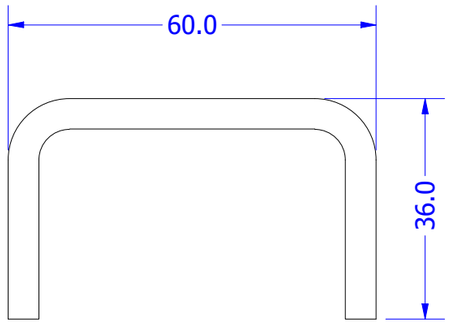
JOB NO:

SCALE: Scale | SHEET 16 OF 31 | SHEET SIZE: A3 | REV: 1

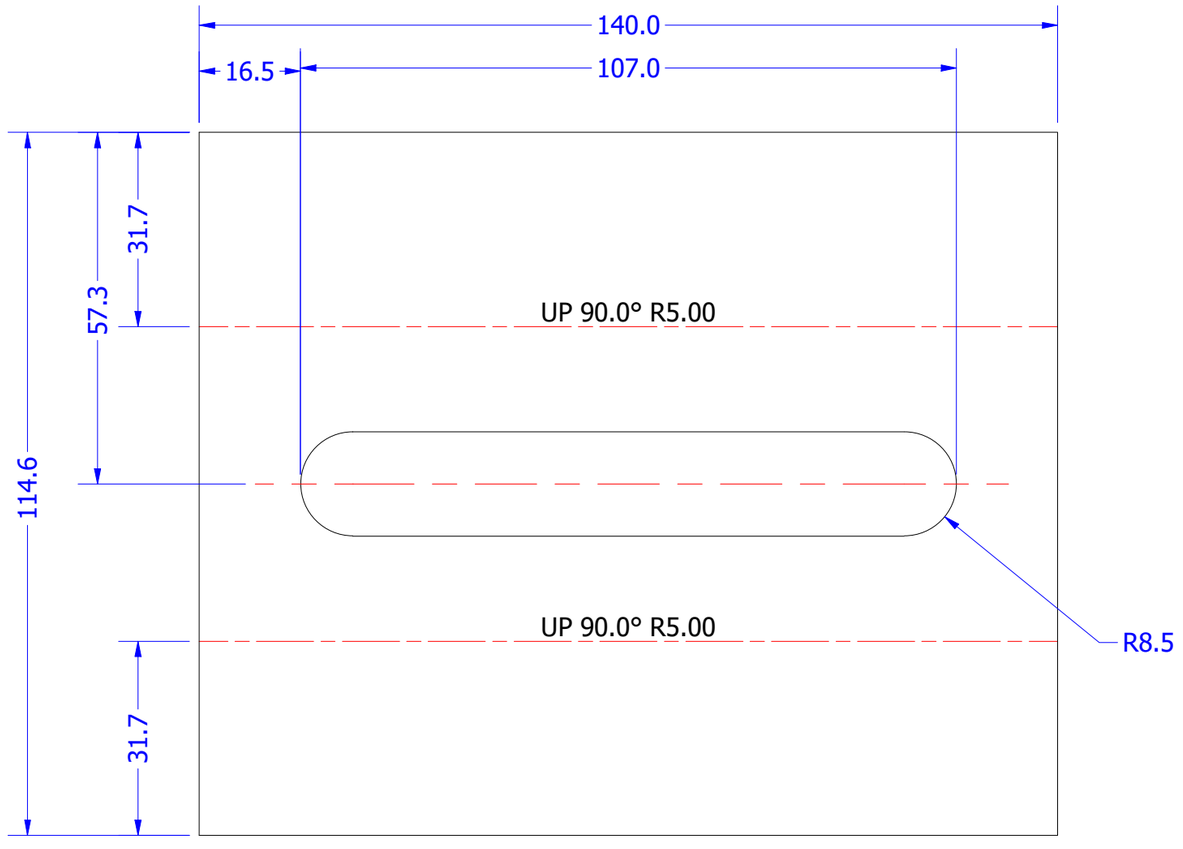
DO NOT SCALE DRAWING

5mm PLATE @ 140 X 115	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-04 - 2 REQ'D AS DRAWN



FOLDED VIEW
SCALE 1 : 1



FLAT PATTERN
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-04 CHAIN CONVEYORS

DWG NO: 194801/15

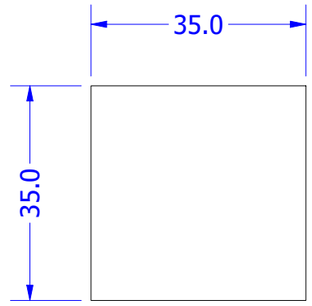
JOB NO:

SCALE: Scale | SHEET 17 OF 31 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

12mm PLATE @ 35 X 35	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-05 - 4 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-05 CHAIN CONVEYORS

DWG NO: 194801/16

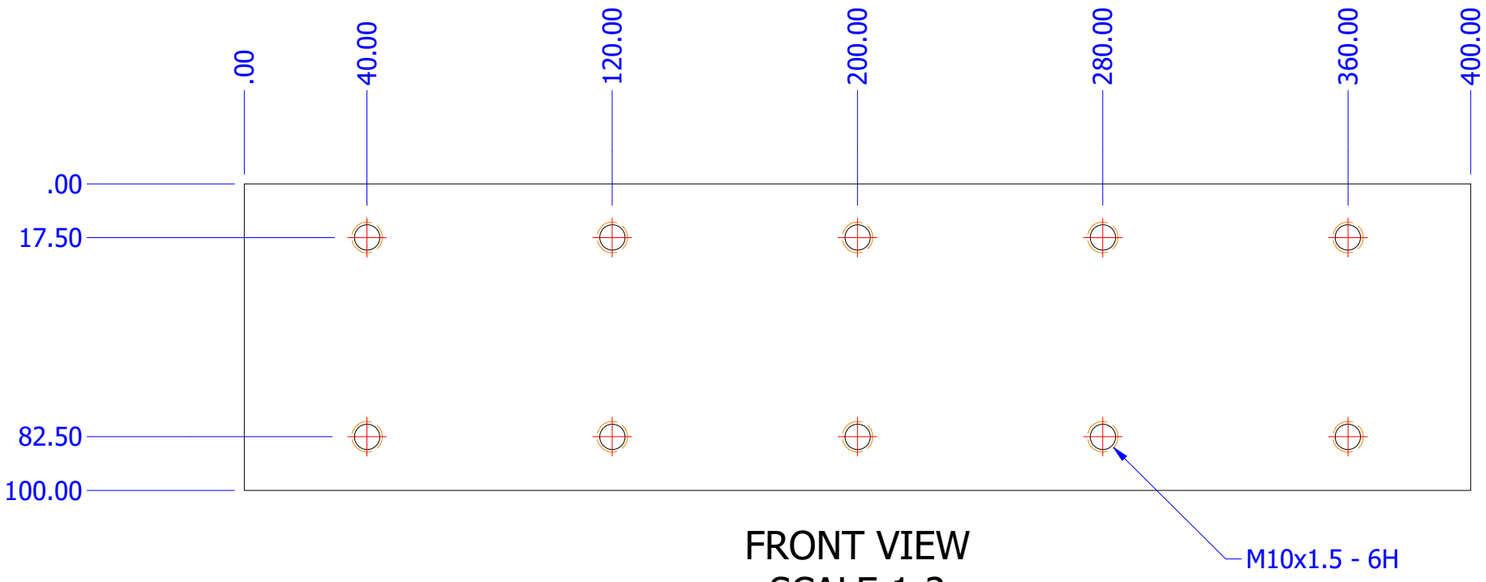
JOB NO:

SCALE: Scale | SHEET 18 OF 31 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

100x10 FMS @ 400mm	Steel, Mild	AS3679 - GR300
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-06 - 6 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-06 CHAIN CONVEYORS

DWG NO: 194801/17

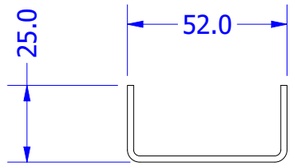
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	19 OF 31	A3	1

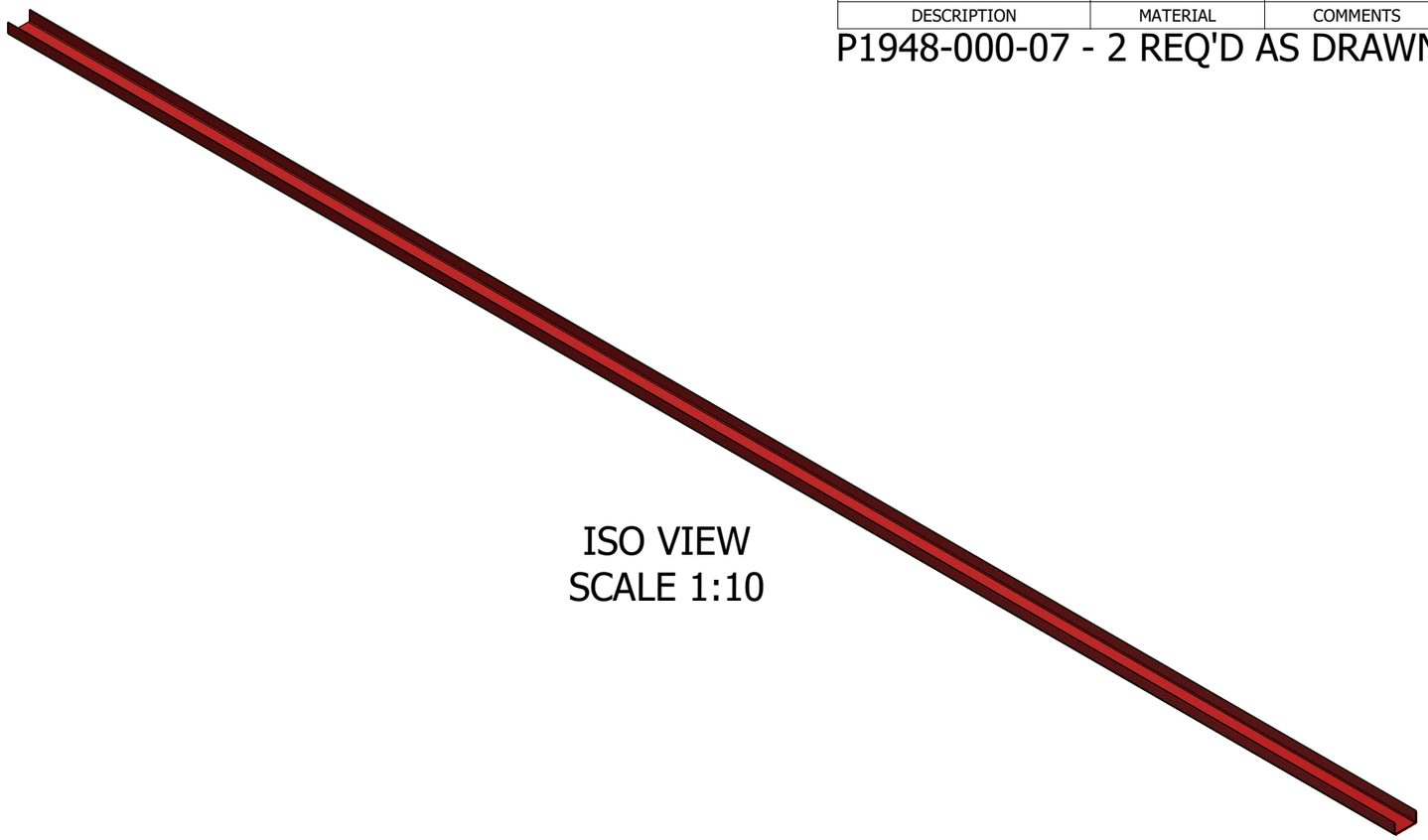
DO NOT SCALE DRAWING

2mm PLATE @ 3220 X 95	Steel, Mild	AS1594 - GR250
DESCRIPTION	MATERIAL	COMMENTS

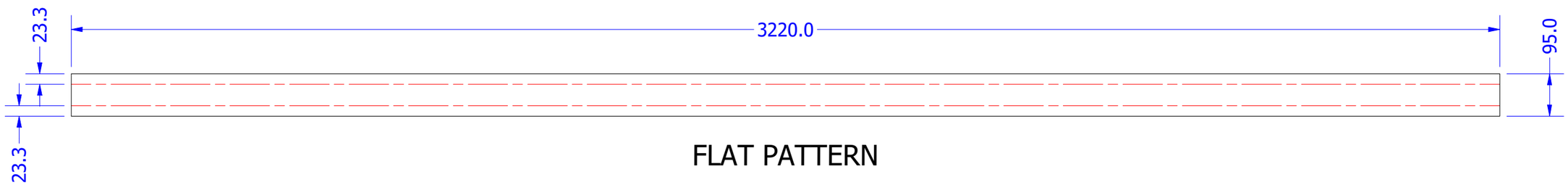
P1948-000-07 - 2 REQ'D AS DRAWN



FOLDED VIEW
SCALE 1:2



ISO VIEW
SCALE 1:10



FLAT PATTERN

ALL FOLDS UP 90°

SCALE 1:10

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-07 CHAIN CONVEYORS

DWG NO: 194801

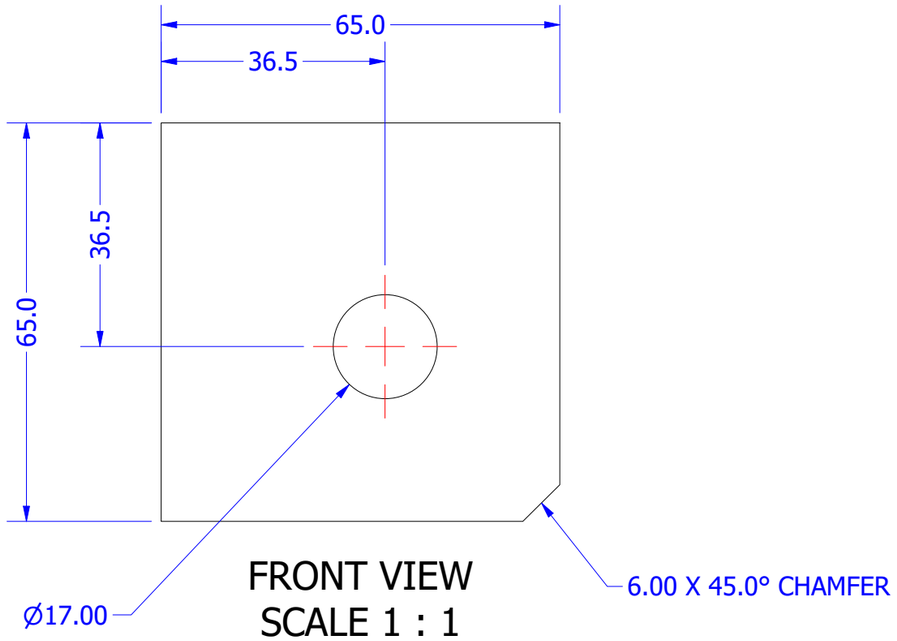
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	20 OF 31	A3	1

DO NOT SCALE DRAWING

6mm PLATE @ 65 X 65	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-08 - 2 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-08 CHAIN CONVEYORS

DWG NO: 194801/18

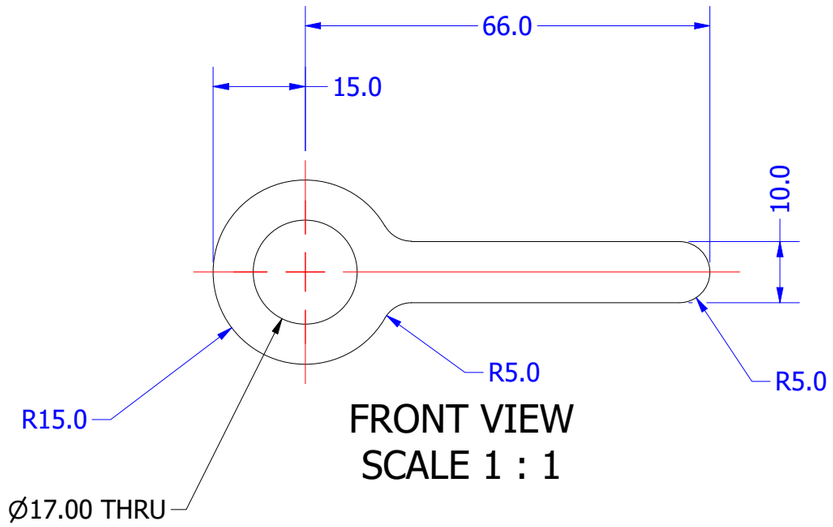
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	21 OF 31	A3	1

DO NOT SCALE DRAWING

2mm PLATE @ 81 X 30	Steel, Mild	ASTM A240
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-09 - 4 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-09 CHAIN CONVEYORS

DWG NO: 194801/19

JOB NO:

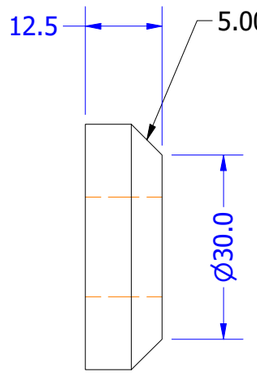
SCALE:	SHEET	SHEET SIZE:	REV:
Scale	22 OF 31	A3	1

DO NOT SCALE DRAWING

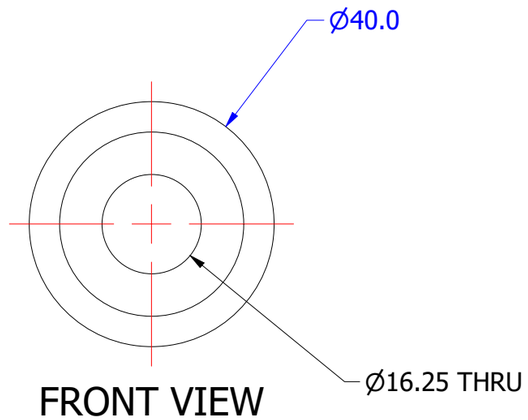
40 RND BAR @ 12.5mm	Steel, Mild	AS3679 - GR300
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-10 - 4 REQ'D AS DRAWN

ISO VIEW
SCALE 1 : 1



SIDE VIEW
SCALE 1 : 1



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: ZINC PLATE

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-10 CHAIN CONVEYORS

DWG NO: 194801/20

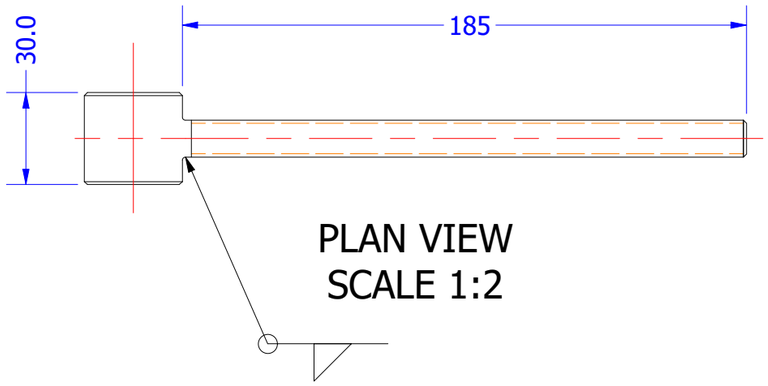
JOB NO:

SCALE: Scale | SHEET 23 OF 31 | SHEET SIZE: A3 | REV: 1

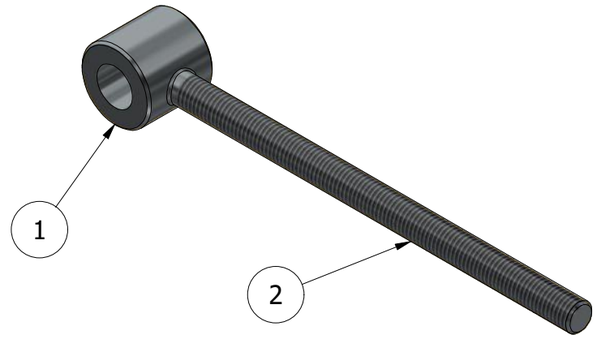
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	M12 ALL THREAD @ 185	Steel, Mild		
1	32x15 HOLLOW BAR @ 30	Steel, Mild		1

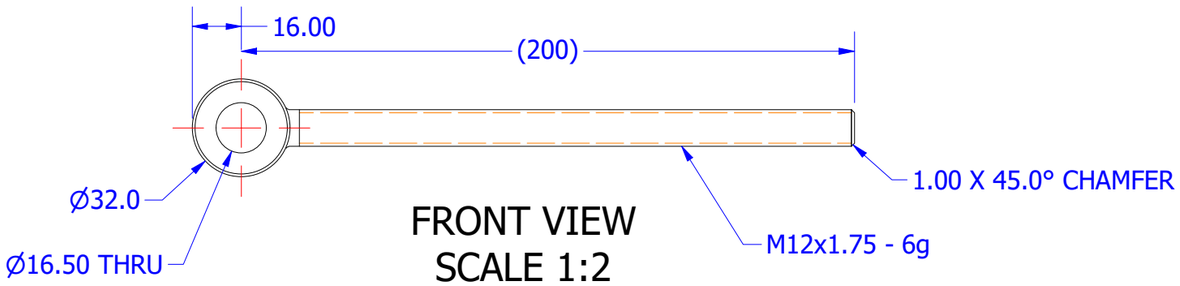
P1948-000-11 - 2 REQ'D AS DRAWN



PLAN VIEW
SCALE 1:2



ISO VIEW
SCALE 1:2



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: ZINC PLATE

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-11 CHAIN CONVEYORS

DWG NO: 194801/21

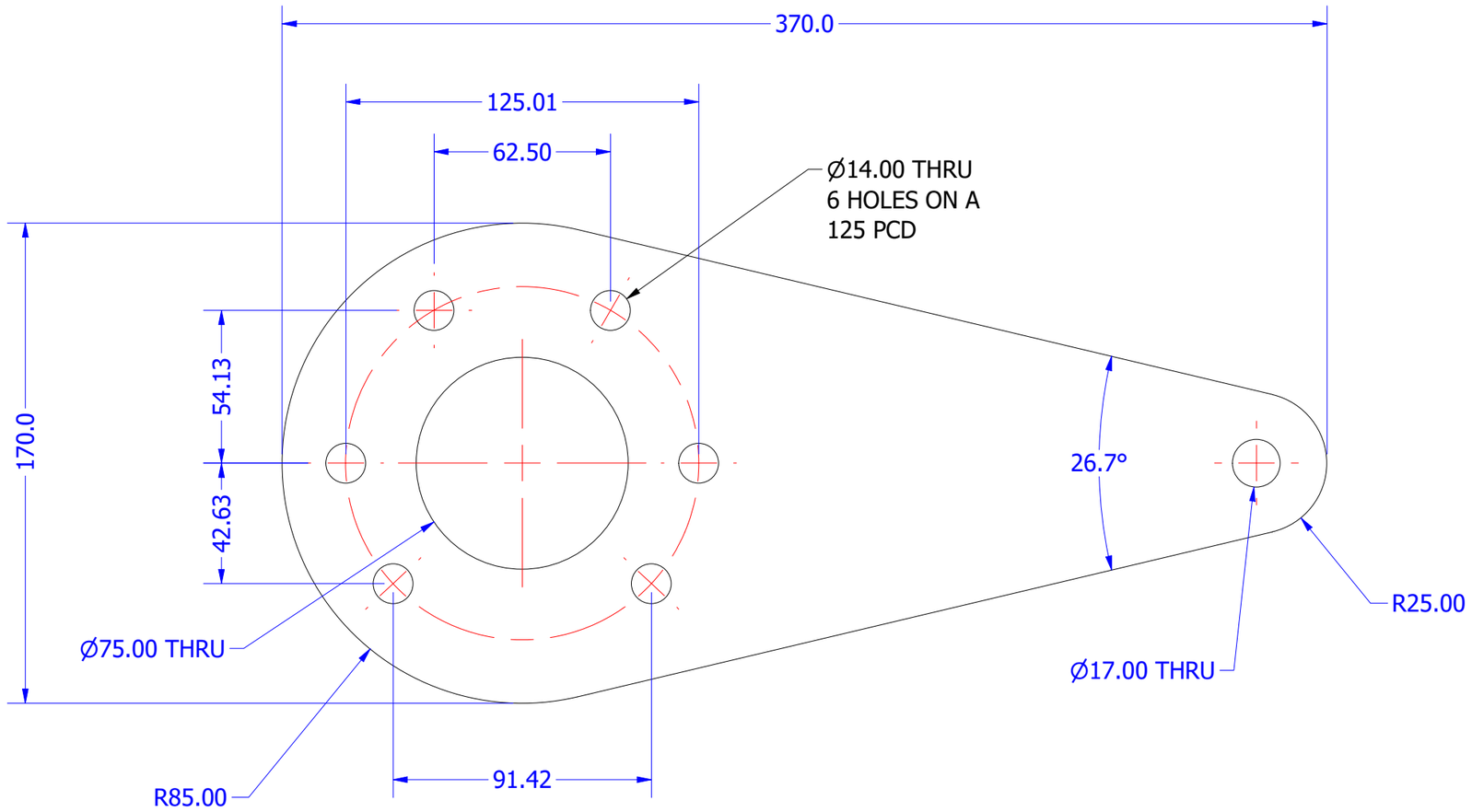
JOB NO:

SCALE: Scale | SHEET 24 OF 31 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

10mm PLATE @ 370 X 170	Mild Steel	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-12 - 1 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-12 CHAIN CONVEYORS

DWG NO: 194801/22

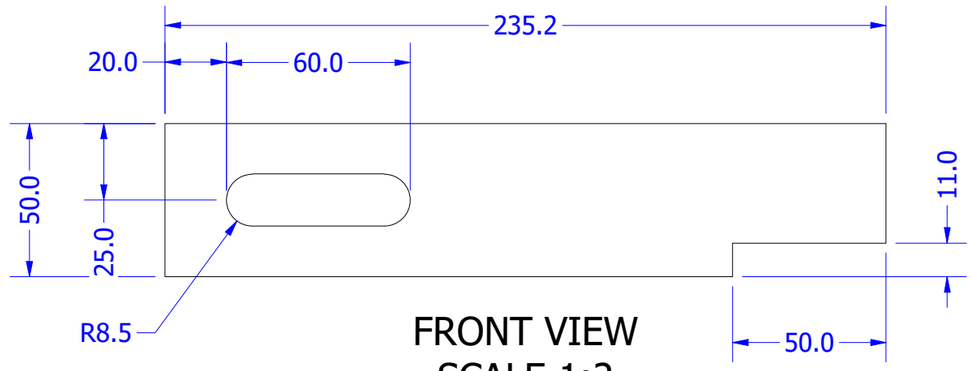
JOB NO:

SCALE: Scale | SHEET 25 OF 31 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

16mm PLATE @ 200 X 50	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-13 - 1 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-13 CHAIN CONVEYORS

DWG NO: 194801/23

JOB NO:

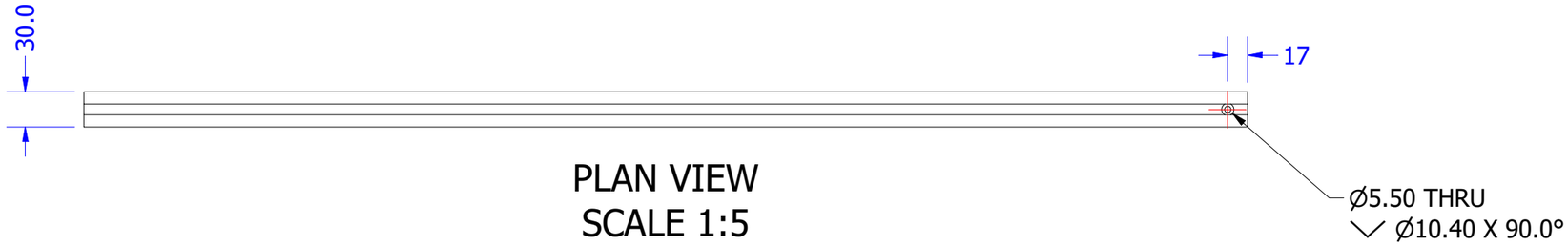
SCALE:	SHEET	SHEET SIZE:	REV:
Scale	26 OF 31	A3	1

DO NOT SCALE DRAWING

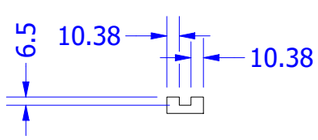
30x13.5 FLAT @ 995	Polyethylene, High Density	
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-15 - 8 REQ'D AS DRAWN

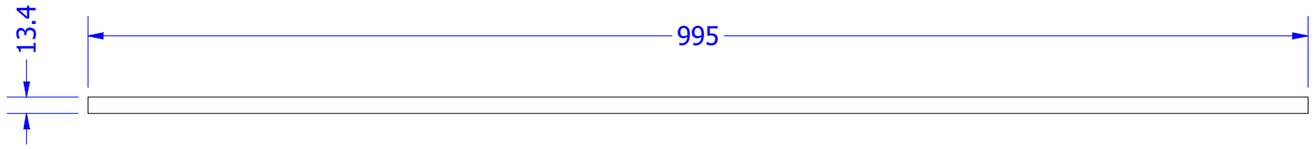
ISO VIEW
SCALE 1:5



PLAN VIEW
SCALE 1:5



END VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	=	± .5 mm	X	=	± 1°
X.XX	=	± .25 mm	X.X	=	± .5°
X.XXX	=	± .125 mm	X.XX	=	± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-15 CHAIN CONVEYORS

DWG NO: 194801/25

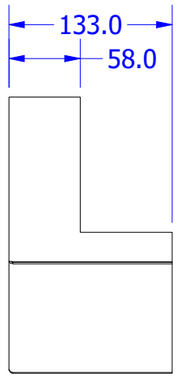
JOB NO:

SCALE: Scale | SHEET 27 OF 31 | SHEET SIZE: A3 | REV: 1

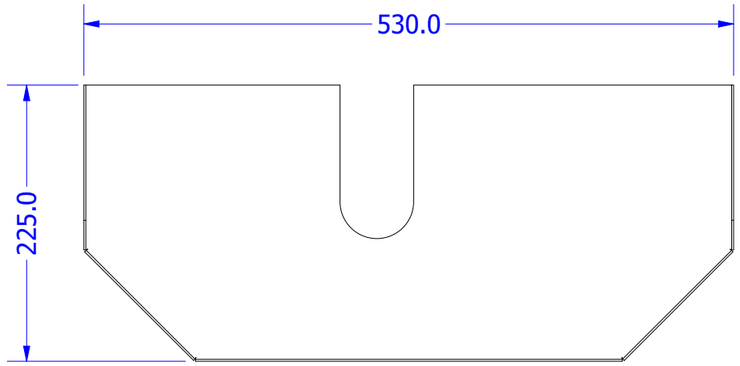
DO NOT SCALE DRAWING

2mm PLATE @ 790 X 355	Steel, Mild	AS1594 - GR250
DESCRIPTION	MATERIAL	COMMENTS

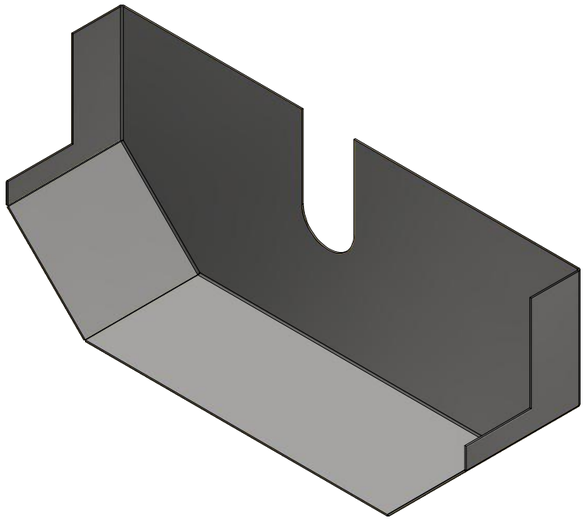
P1948-000-16 - 1 REQ'D AS DRAWN
P1948-000-17 - 1 REQ'D OPPOSITE
(2 BLANKS REQ'D)



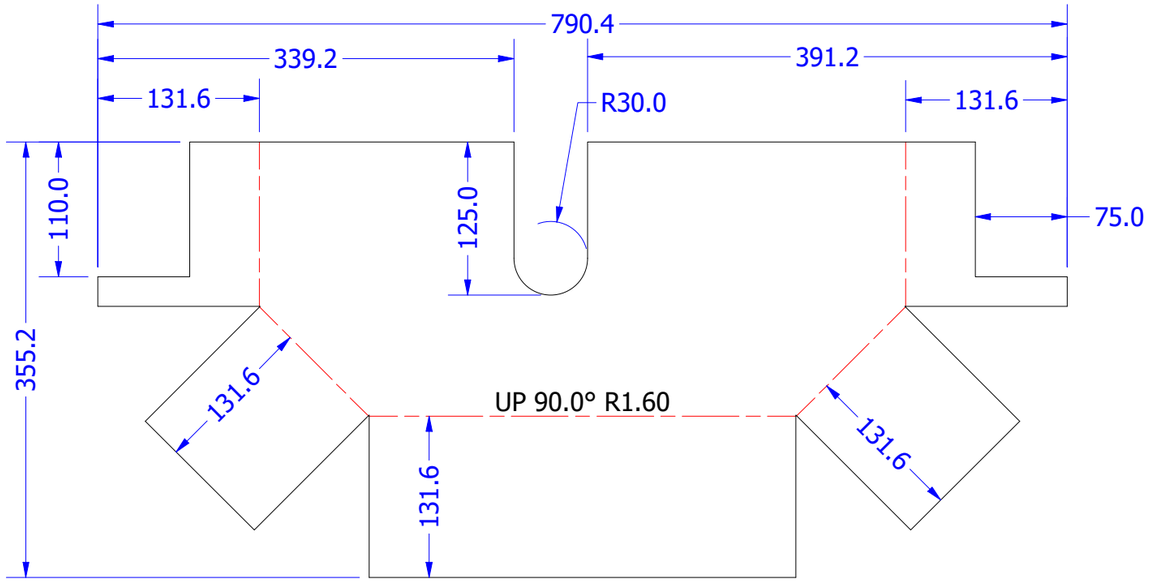
SIDE VIEW - FPLDED
SCALE 1:5



FRONT VIEW - FOLDED
SCALE 1:5



ISO VIEW - FOLDED
SCALE 1:5



P1948-000-16 - ALL FOLDS UP 90°

P1948-000-17 - ALL FOLDS DOWN 90°

SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .125 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-16 CHAIN CONVEYORS

DWG NO: 194801/26

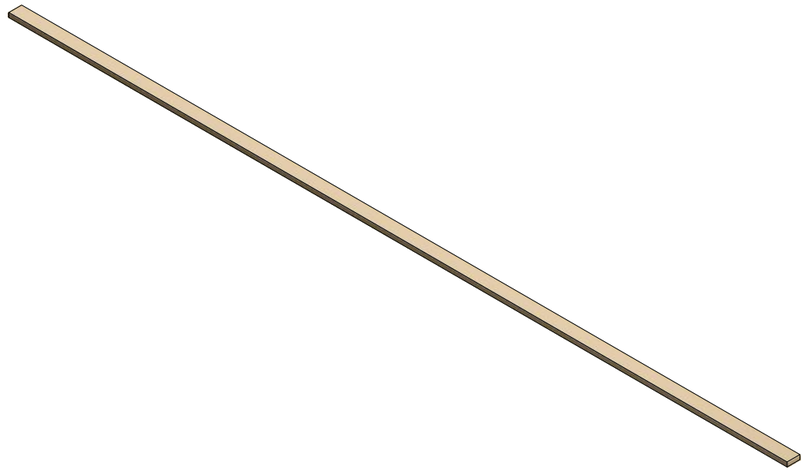
JOB NO:

SCALE: Scale | SHEET 28 OF 31 | SHEET SIZE: A3 | REV: 1

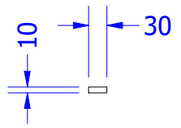
DO NOT SCALE DRAWING

30x10 FLAT @ 1820	HDPE	
DESCRIPTION	MATERIAL	COMMENTS

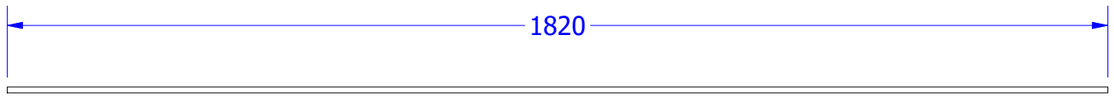
P1948-000-23 - 2 REQ'D AS DRAWN



ISO VIEW
SCALE 1:10



END VIEW
SCALE 1:10



SIDE VIEW
SCALE 1:10

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-23 CHAIN CONVEYORS

DWG NO: 194802

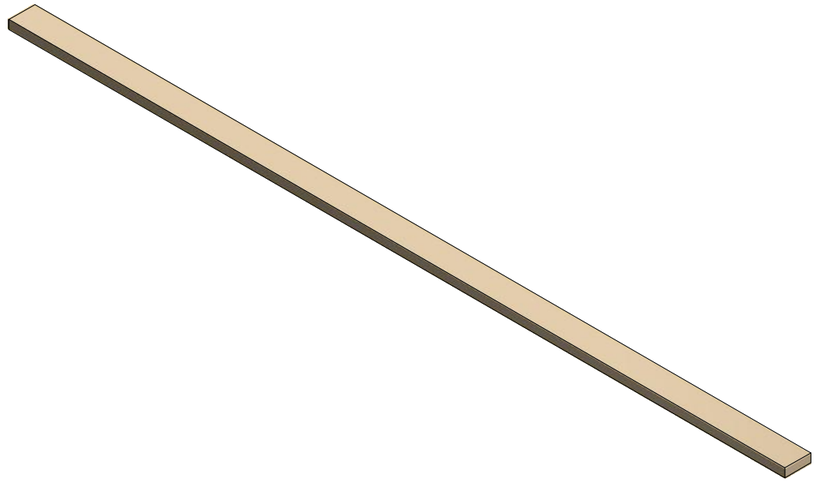
JOB NO:

SCALE: Scale | SHEET 29 OF 31 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

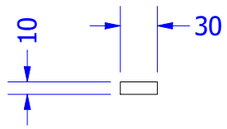
30x10 FLAT @ 920	Polyethylene, High Density	
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-24 - 2 REQ'D AS DRAWN

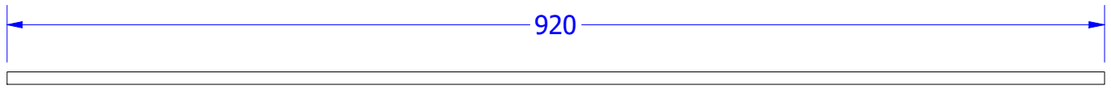


ISO VIEW
SCALE 1:5

PLAN VIEW
SCALE 1:5



END VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-24 CHAIN CONVEYORS

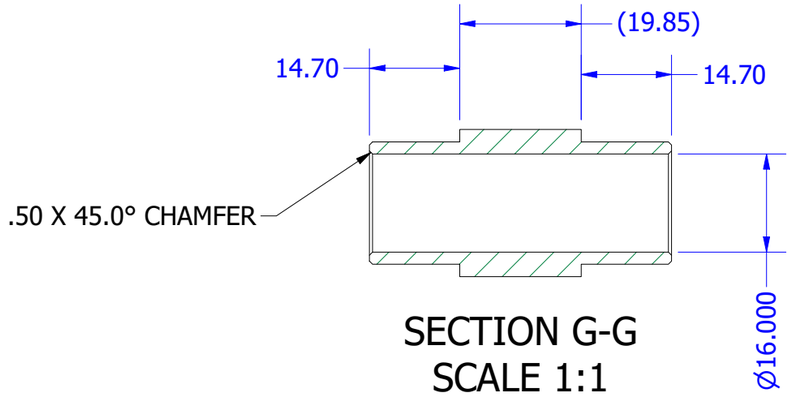
DWG NO: 194801/31

JOB NO:

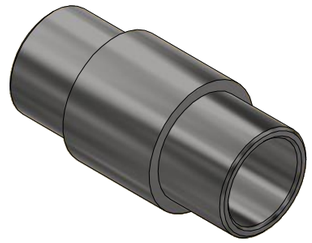
SCALE: Scale | SHEET 30 OF 31 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

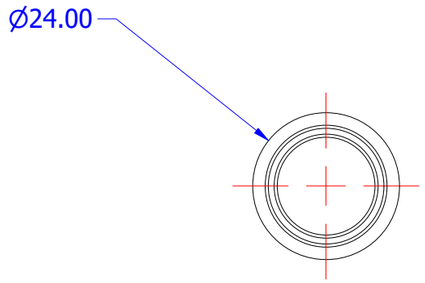
24RND BAR @ 50mm	Steel, Mild	AS1443 - 1020
DESCRIPTION	MATERIAL	COMMENTS



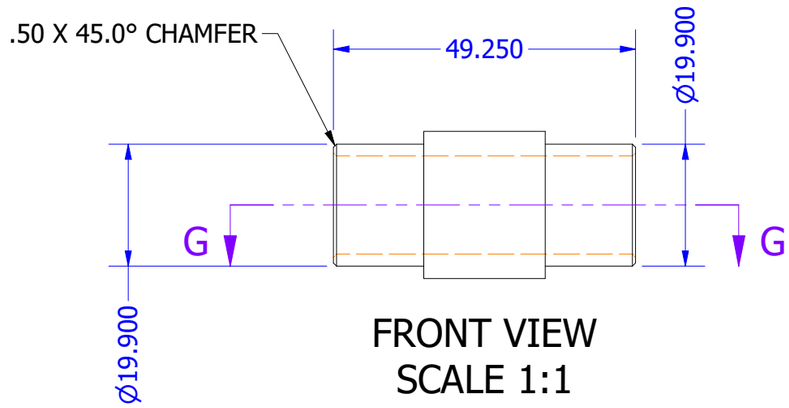
SECTION G-G
SCALE 1:1



ISO VIEW
SCALE 1:1



END VIEW
SCALE 1:1



FRONT VIEW
SCALE 1:1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 17/03/2021

CUSTOMER: RAB ENGINEERING

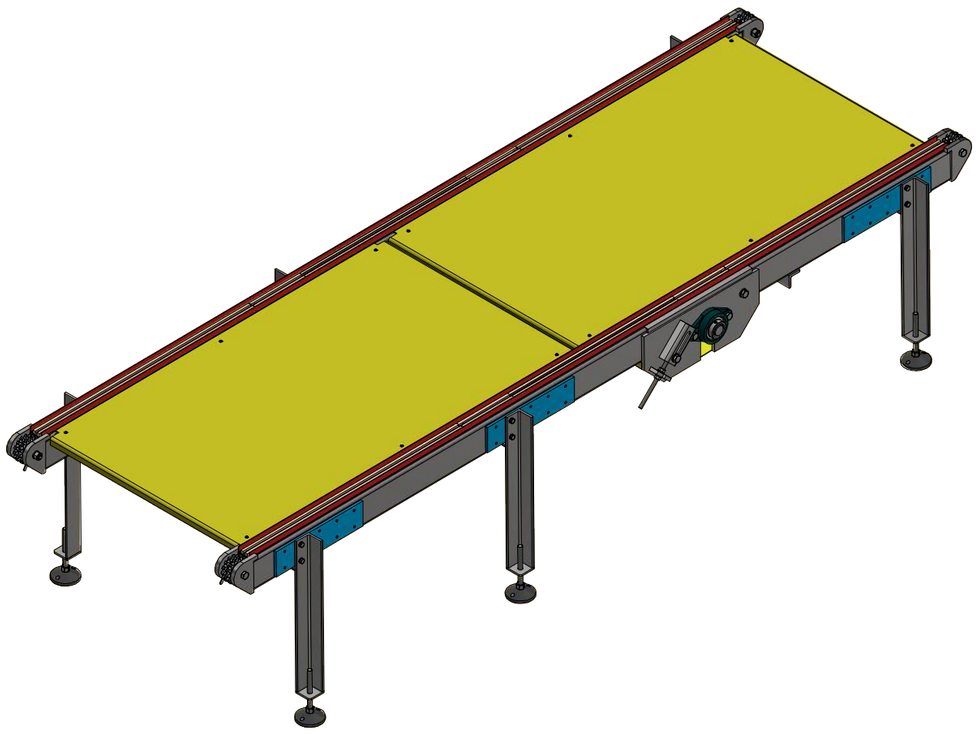
TITLE: P1948-000-29 CHAIN CONVEYORS

DWG NO: 194801/34

JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	31 OF 31	A3	1

DO NOT SCALE DRAWING



ISO VIEW
SCALE 1:20

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
38	14 TOOTH DOUBLE ROW IDLER		REFER SHEET 3	8
37	21T DRIVE SPROCKET	12B2-21 FENNER	194810	2
36	KA67_DRN90S4		SEW MOTOR/ GEARDRIVE	1
35	AS 1110 - M12 x 25	Steel, Mild	HEX HEAD BOLT	6
34	AS 1968 - 1976 - 12	Steel, Mild	SPRING WASHER	6
33	AS 1110 - M16 x 55	Steel, Mild	HEX HEAD BOLT	4
32	LDK-FL210. UC210D1 & H2309		2 BOLT PILLOW BLOCK	2
31	LVR10016140B	Steel, Mild	ADJUSTABLE FOOT	6
30	AS 1110 - M10 x 20	Steel, Mild	HEX HEAD BOLT	12
29	AS 1968 - 1976 - 10	Steel, Mild	SPRING WASHER	12
28	AS 1110 - M8 x 16	Steel, Mild	HEX HEAD BOLT	4
27	AS 1968 - 1976 - 8	Steel, Mild	SPRING WASHER	4
26	W1948-000-05		SHEET 8	1
25	W1948-000-04		SHEET 7	1
24	M5 x 16 BUTTON HEAD	Steel		22
23	ASME/ANSI B18.3.5M - M5x16(2)	Steel, Mild	C/SUNK SOCKET HEAD SCREW	8
22	P1948-000-23	HDPE	SHEET 31	2
21	P1948-000-24	HDPE	SHEET 32	2
20	P1948-000-15	HDPE	SHEET 29	8
19	AS 1285 - M16	Steel, Mild	NYLOCK NUT	4
18	AS 1111 - M16 x 140	Steel, Mild	HEX HEAD BOLT	2
17	AS 1111 - M16 x 110	Steel, Mild	HEX HEAD BOLT	6
16	AS 1112 - M12	Steel, Mild	HEX NUT	4
15	P1948-000-11	Steel, Mild	SHEET 26	2
14	AS 1237 - 12 mm(3)	Steel, Mild	FLAT WASHER	4
13	P1948-000-10	Steel, Mild	SHEET 25	4
12	P1948-000-09	Steel, Mild	SHEET 24	4
11	AS 1968 - 1976 - 16	Steel, Mild	SPRING WASHER	9
10	AS 1237 - 16 mm	Steel, Mild	FLAT WASHER	13
9	AS 1110 - M16 x 50	Steel, Mild	HEX HEAD BOLT	1
8	P1948-000-12	Steel, Mild	SHEET 27	1
7	P1948-002-01	Steel, Mild	SHEET 13	1
6	W1948-003-02		SHEET 12	1
5	W1948-003-01		SHEET 11	1
4	A1948-003-02		SHEET 9	1
3	A1948-003-03		SHEET 10	1
2	W1948-002-01		SHEET 6	3
1	AS 1112 - M16	Steel, Mild	HEX NUT	15

A1948-003-01 - 24 REQ'D AS DRAWN

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

REV	DATE	DESCRIPTION	APPRD
1	27/04/2021	AS BUILT	DB
0	7/04/2021	APPROVED FOR MANUFACTURE	PB

REVISION HISTORY

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

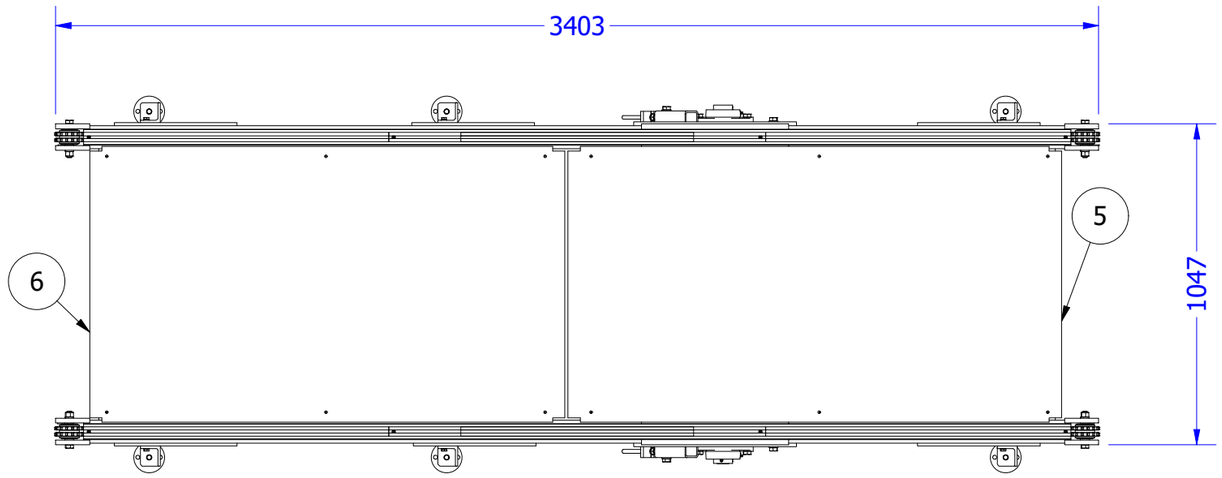
TITLE: A1948-003-01 CHAIN CONVEYORS

DWG NO: 194803

JOB NO:

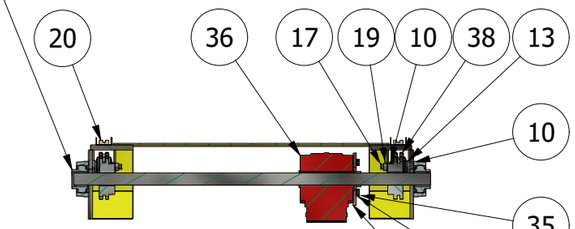
SCALE: Noted | SHEET 1 OF 33 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

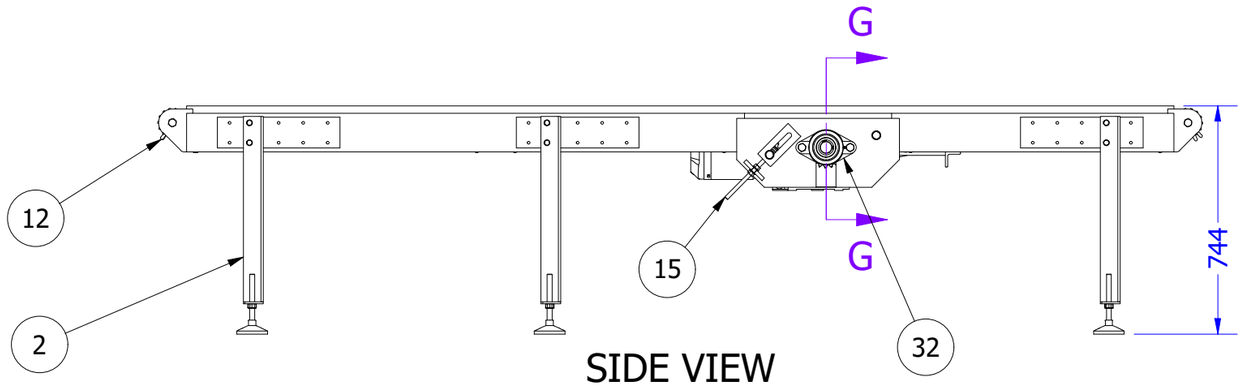


PLAN VIEW
SCALE 1:20

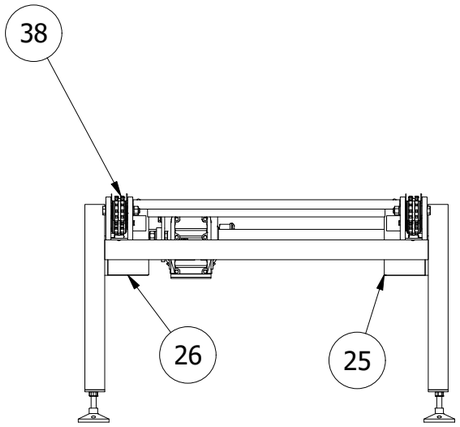
USE BEARING WITH SLEEVE
TO SUIT 40mm SHAFT



SECTION G-G
SCALE 1:20



SIDE VIEW
SCALE 1:20



END VIEW
SCALE 1:20

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	=	± .5 mm	X	=	± 1°
X.XX	=	± .25 mm	X.X	=	± .5°
X.XXX	=	± .125 mm	X.XX	=	± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: A1948-003-01 CHAIN CONVEYORS

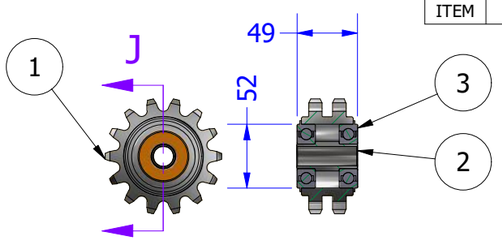
DWG NO: 194803

JOB NO:

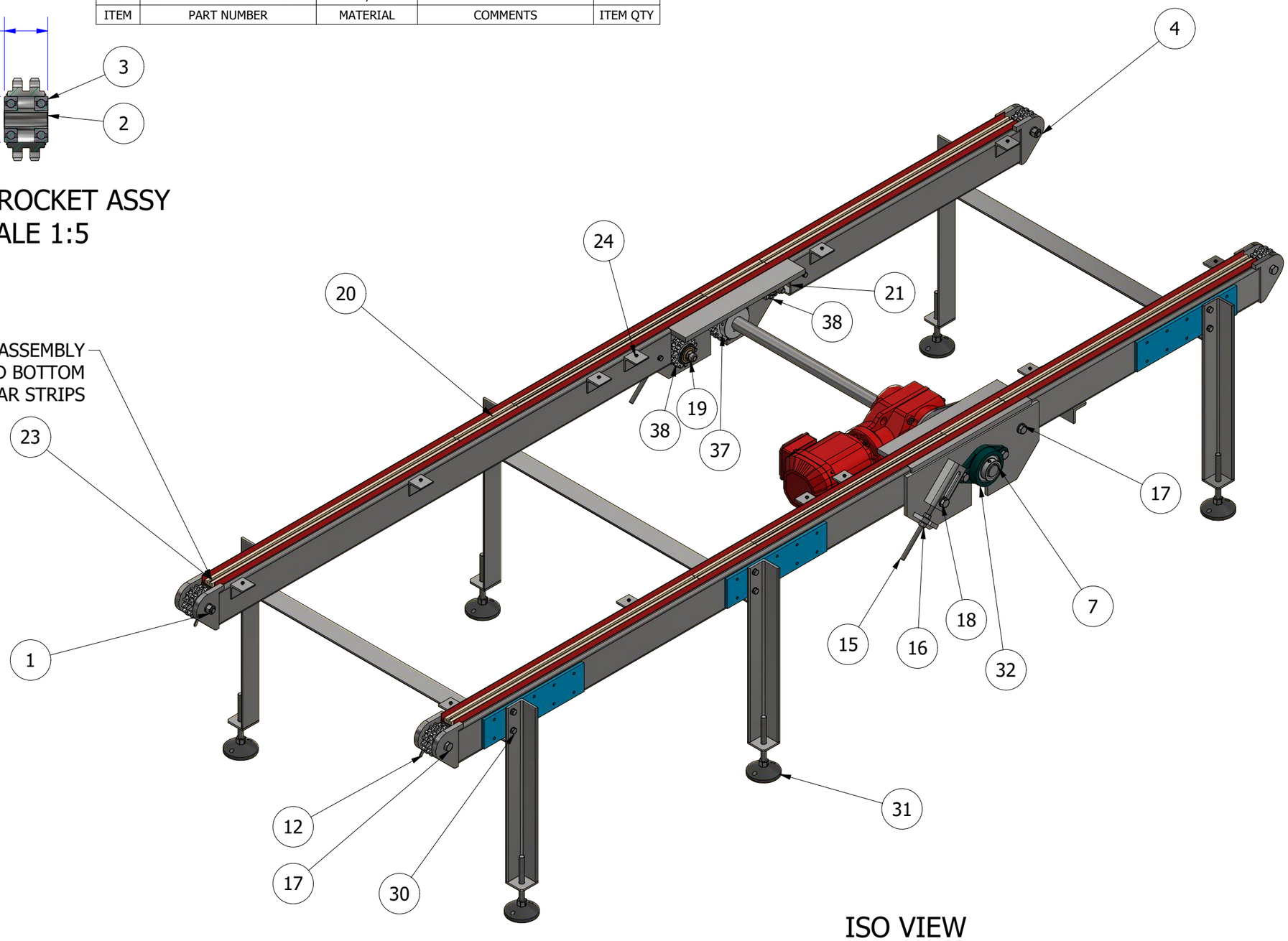
SCALE:	SHEET	SHEET SIZE:	REV:
Noted	2 OF 33	A3	1

DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
3	NTN 6304LLUNR		BEARING	2
2	P1948-000-29	Steel, Mild	SHEET 33	1
1	12B2-14 DUPLEX SPROCKET	Steel, Mild		1



IDLER SPROCKET ASSY
SCALE 1:5



ISO VIEW
COVERS REMOVED FOR CLARITY
SCALE 1:12.5

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.125 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: A1948-003-01 CHAIN CONVEYORS

DWG NO: 194803

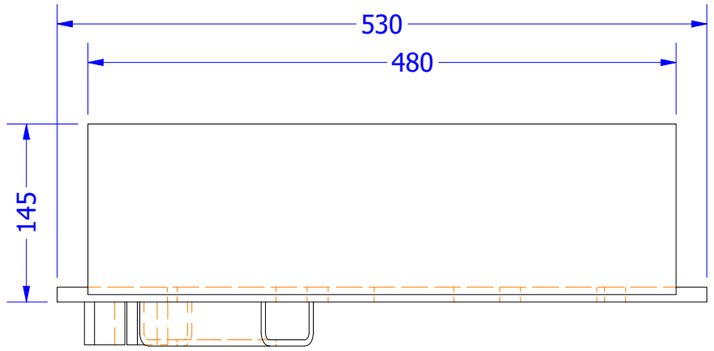
JOB NO:

SCALE: Noted | SHEET 3 OF 33 | SHEET SIZE: A3 | REV: 1

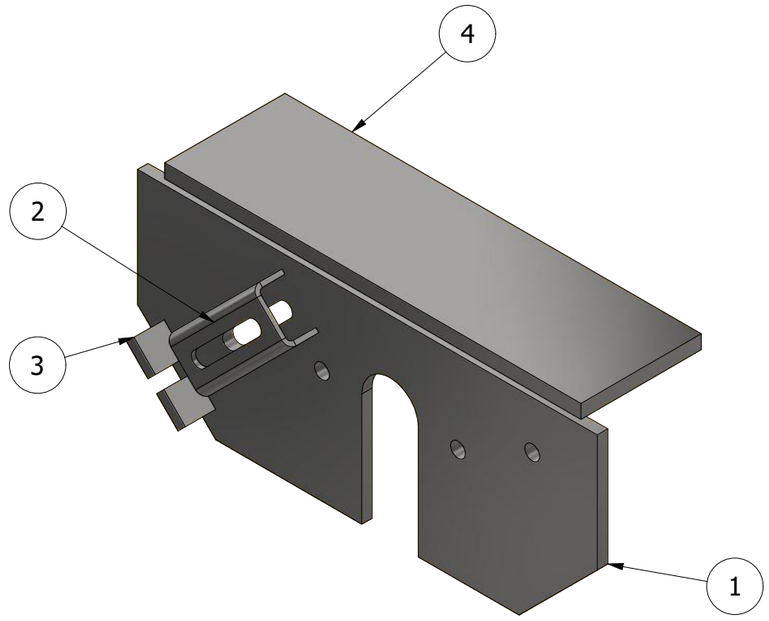
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
4	P1948-000-03	Steel, Mild	SHEET 18	1
3	P1948-000-05	Steel, Mild	SHEET 20	2
2	P1948-000-04	Steel, Mild	SHEET 19	1
1	P1948-000-01	Steel, Mild	SHEET 16	1

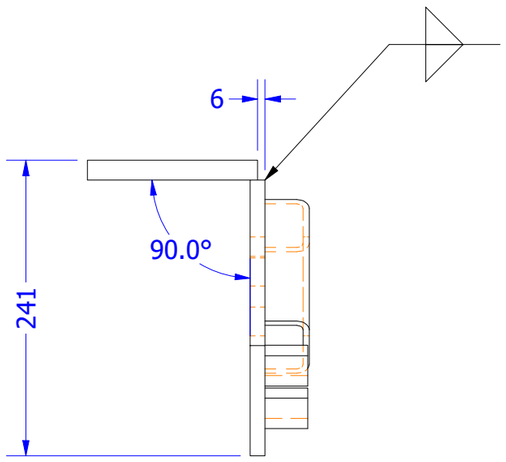
W1948-000-01 - 1 REQ'D AS DRAWN



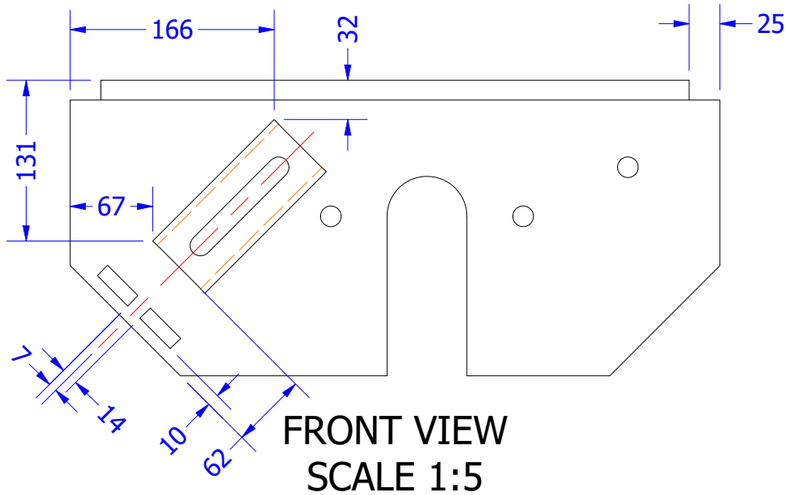
PLAN VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5



END VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

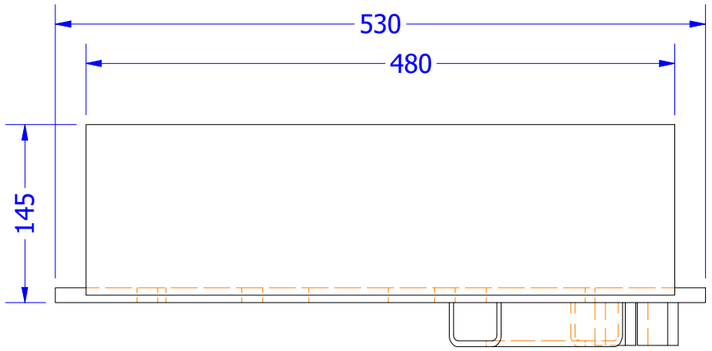
DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .125 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	
CUSTOMER:	RAB ENGINEERING
DRAWN: David Bilney	
TITLE:	W1948-000-01 CHAIN CONVEYORS
DESIGNED: David Bilney	
DWG NO:	194801/4
DATE: 18/03/2021	
JOB NO:	
SCALE: Noted	
SHEET 4 OF 33	
SHEET SIZE: A3	
REV: 1	

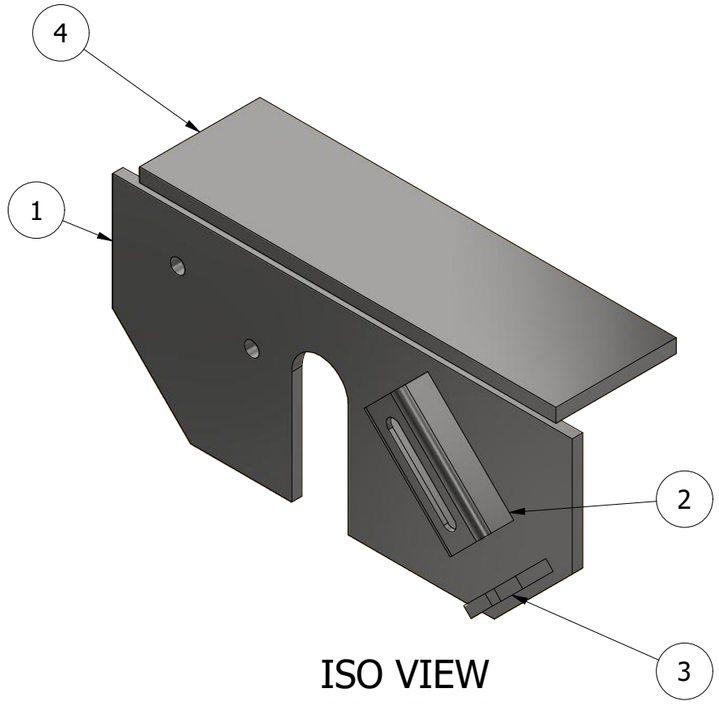
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
4	P1948-000-03	Steel, Mild	SHEET 18	1
3	P1948-000-05	Steel, Mild	SHEET 20	2
2	P1948-000-04	Steel, Mild	SHEET 19	1
1	P1948-000-01	Steel, Mild	SHEET 16	1

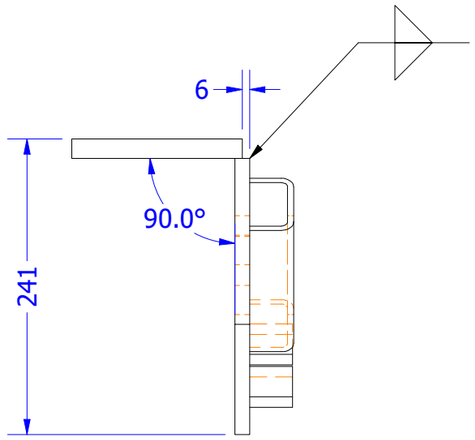
W1948-000-02 - 1 REQ'D AS DRAWN



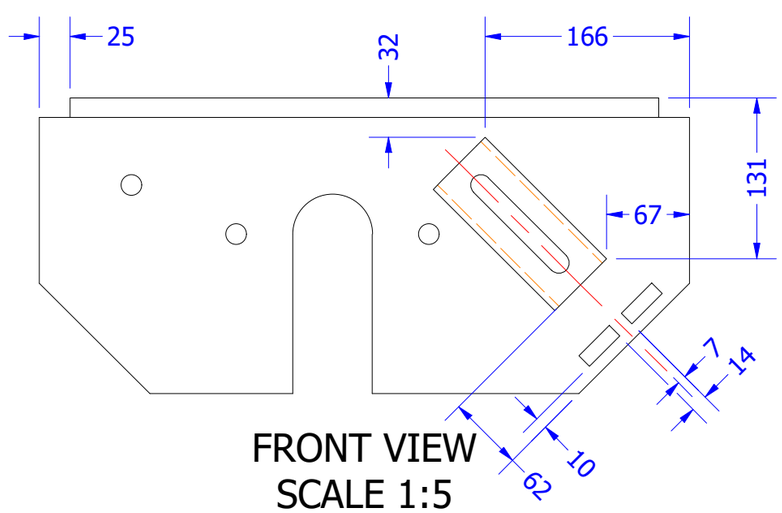
PLAN VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5



END VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

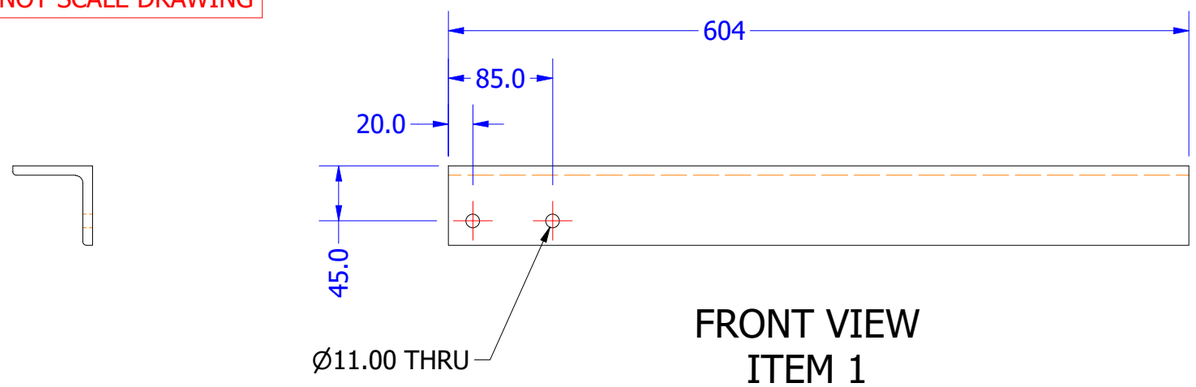
DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	
CUSTOMER:	RAB ENGINEERING
DRAWN: David Bilney	
TITLE:	W1948-000-02 CHAIN CONVEYORS
DESIGNED: David Bilney	
DWG NO:	194801/5
DATE: 18/03/2021	
JOB NO:	
SCALE: Noted	
SHEET 5 OF 33	
SHEET SIZE: A3	
REV: 1	

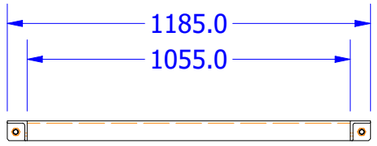
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
5	65x8 EA @ 604	Steel, Mild		1
4	65x8EA @ 1055	Steel, Mild		1
3	AS 1112 - M16	Steel, Mild	HEX NUT	2
2	P1948-000-08	Steel, Mild	SHEET 23	2
1	65x8 EA @ 604	Steel, Mild		1

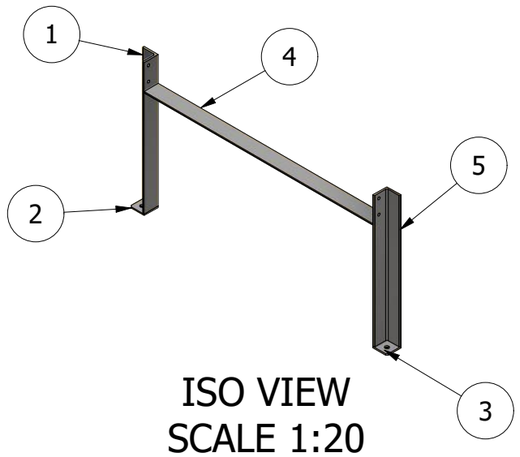
W1948-002-01 - 3 REQ'D AS DRAWN



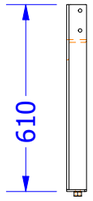
FRONT VIEW
ITEM 1
ITEM 5 OPPOSITE
SCALE 1:5



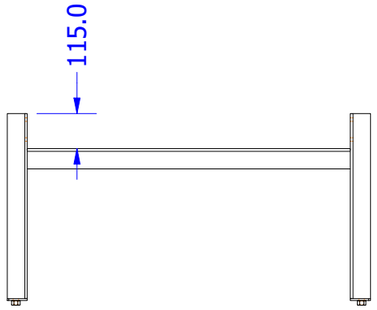
PLAN VIEW
SCALE 1:20



ISO VIEW
SCALE 1:20



SIDE VIEW
SCALE 1:20



FRONT VIEW
SCALE 1:20

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: GREY

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-002-01 CHAIN CONVEYORS

DWG NO: 194802

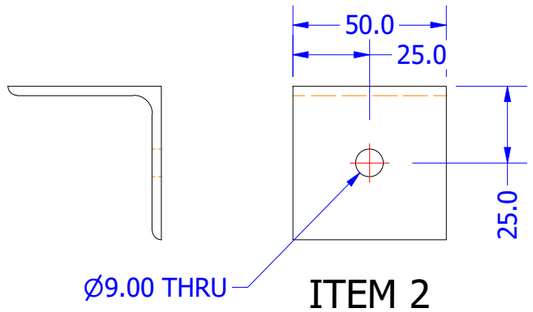
JOB NO:

SCALE: Noted | SHEET 6 OF 33 | SHEET SIZE: A3 | REV: 1

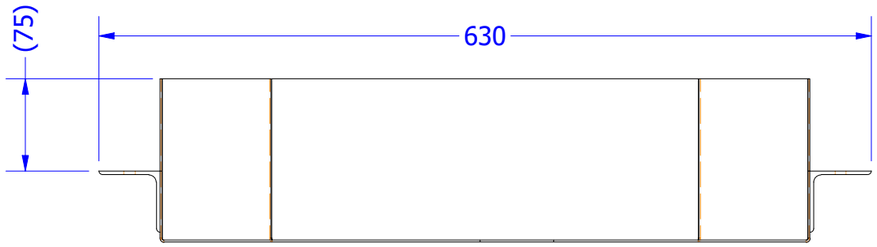
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	50x3 EA @ 50	Steel, Mild		2
1	P1948-000-16	Steel, Mild	SHEET 30	1

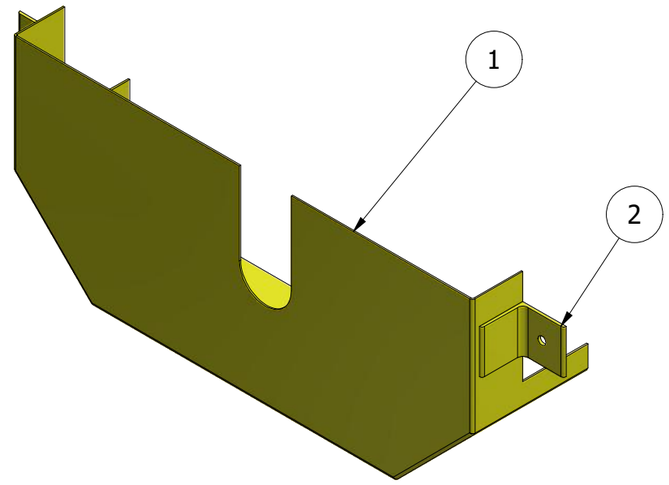
W1948-000-04 - 1 REQ'D AS DRAWN



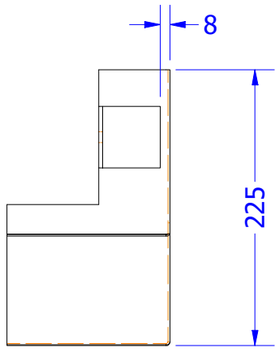
ITEM 2
SCALE 1:2



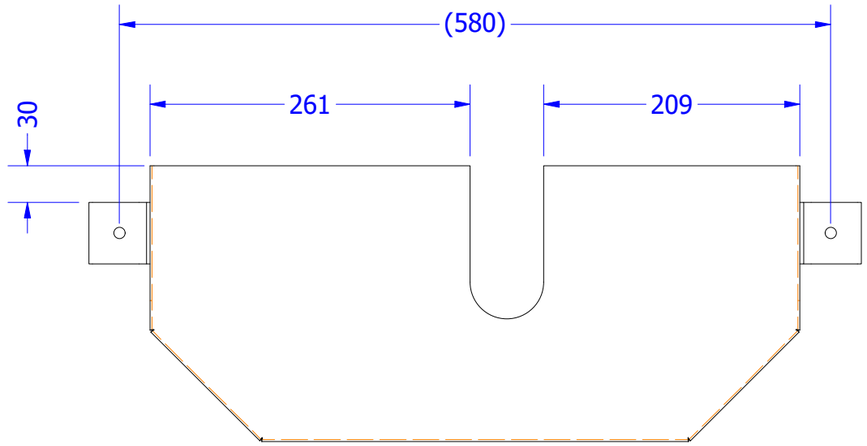
PLAN VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

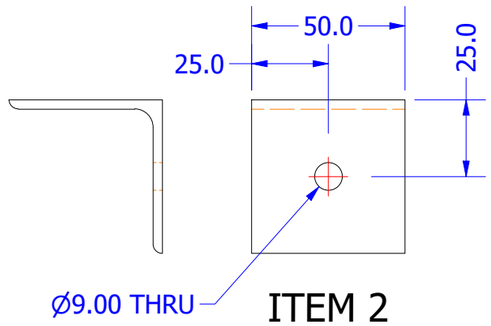
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	CUSTOMER: RAB ENGINEERING				
DRAWN: David Bilney	TITLE: W1948-000-04 CHAIN CONVEYORS				
DESIGNED: David Bilney	DWG NO: 194801/7				
DATE: 18/03/2021	JOB NO:	SCALE: Noted	SHEET 7 OF 33	SHEET SIZE: A3	REV: 1

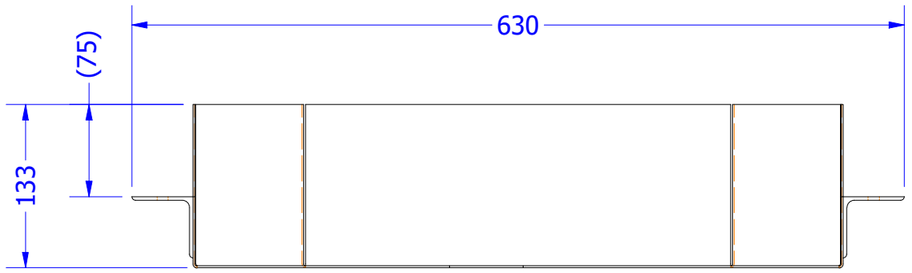
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	50x3 EA @ 50	Steel, Mild		2
1	P1948-000-17	Steel, Mild	SHEET 30	1

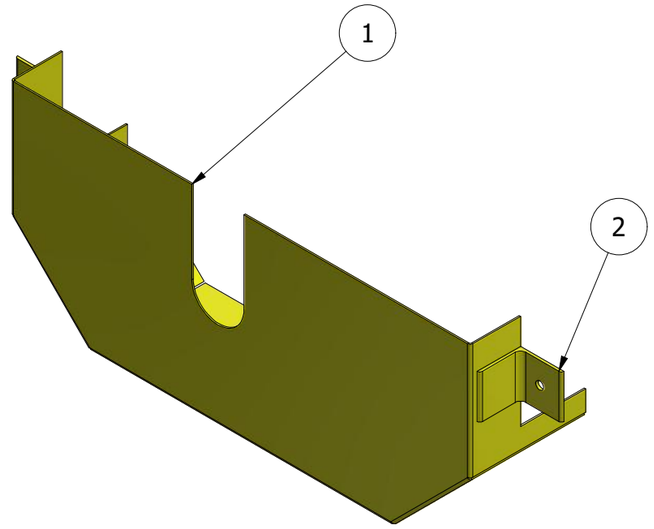
W1948-000-05 - 1 REQ'D AS DRAWN



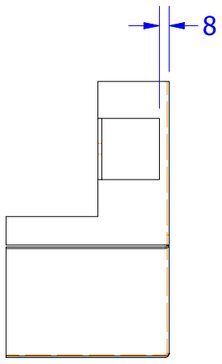
ITEM 2
SCALE 1:2



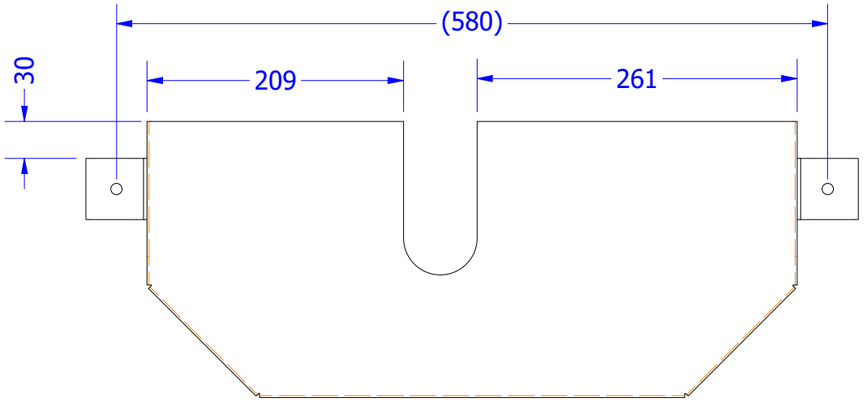
PLAN VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-000-05 CHAIN CONVEYORS

DWG NO: 194801/8

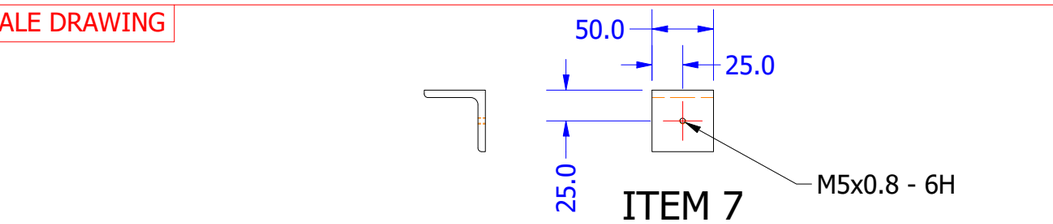
JOB NO:

SCALE: Noted | SHEET 8 OF 33 | SHEET SIZE: A3 | REV: 1

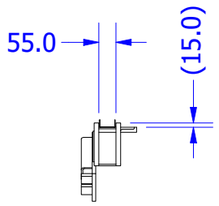
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
7	125x75x5.0 RHS @ 1820	Steel, Mild		1
6	125x75x5.0 RHS @ 920	Steel, Mild		1
5	50x6 EA @ 50	Steel, Mild		6
4	P1948-000-07	Steel, Mild	SHEET 22	1
3	P1948-000-06	Steel, Mild	SHEET 21	3
2	W1948-000-02	Weldment	SHEET 5	1
1	P1948-000-02	Steel, Mild	SHEET 17	4

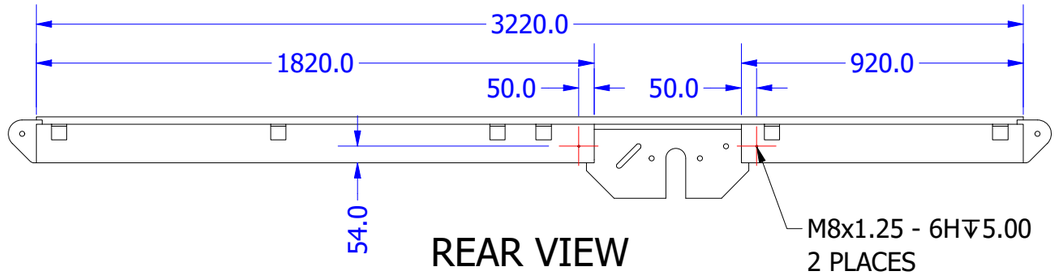
A1948-003-02 - 1 REQ'D AS DRAWN



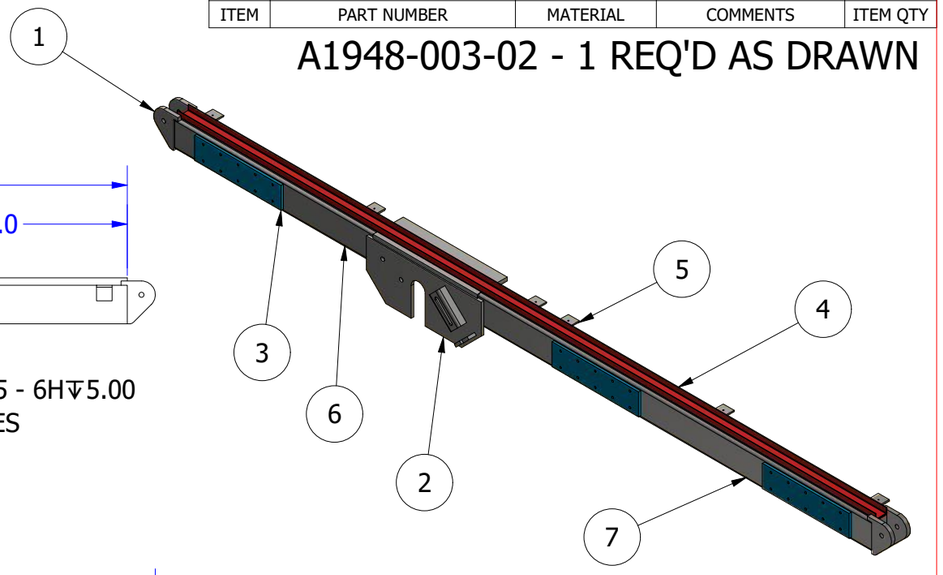
ITEM 7
SCALE 1:5



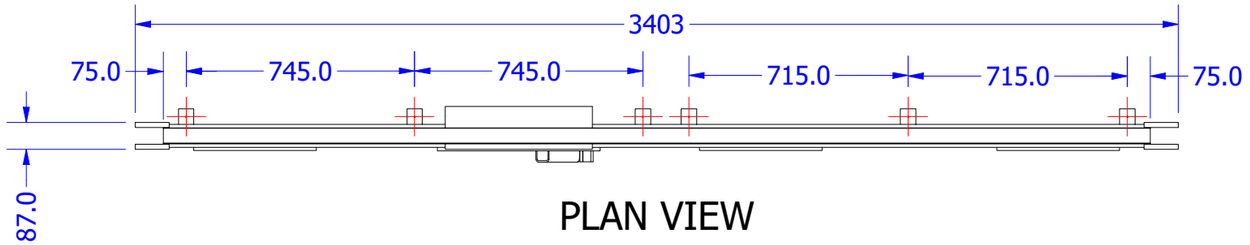
END VIEW
SCALE 1:20



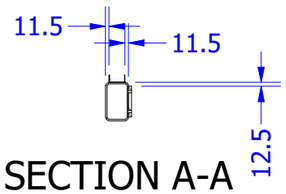
REAR VIEW
SCALE 1:20



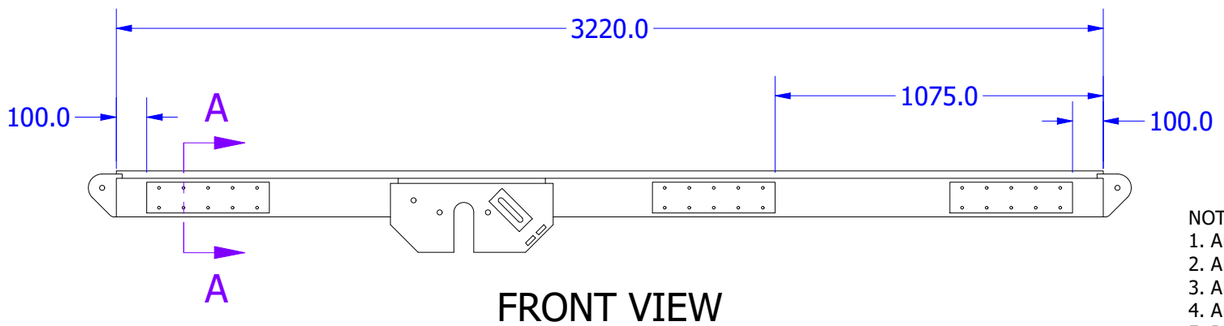
ISO VIEW
SCALE 1:20



PLAN VIEW
SCALE 1:20



SECTION A-A
SCALE 1:20



FRONT VIEW
SCALE 1:20

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: GREY

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: A1948-003-02 CHAIN CONVEYORS

DWG NO: 194803

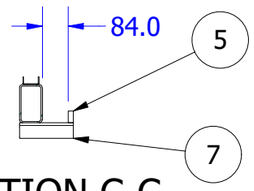
JOB NO:

SCALE: Noted | SHEET 9 OF 33 | SHEET SIZE: A3 | REV: 1

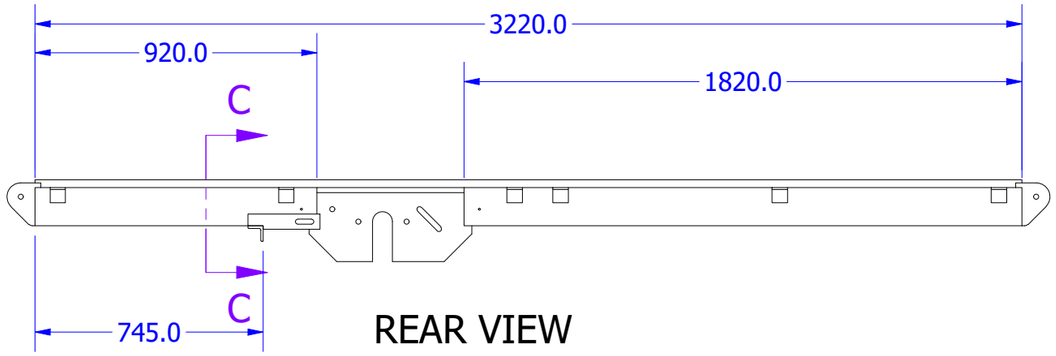
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
9	125x75x5.0 RHS @ 920	Steel, Mild		1
8	125x75x5.0 RHS @ 1820	Steel, Mild		1
7	50x8 EA @ 175	Steel, Mild		1
6	50x6 EA @ 50	Steel, Mild	REFER SHEET 9	6
5	P1948-000-13	Steel, Mild	SHEET 28	1
4	P1948-000-07	Steel, Mild	SHEET 22	1
3	P1948-000-06	Steel, Mild	SHEET 21	3
2	W1948-000-01	Weldment	SHEET 4	1
1	P1948-000-02	Steel, Mild	SHEET 17	4

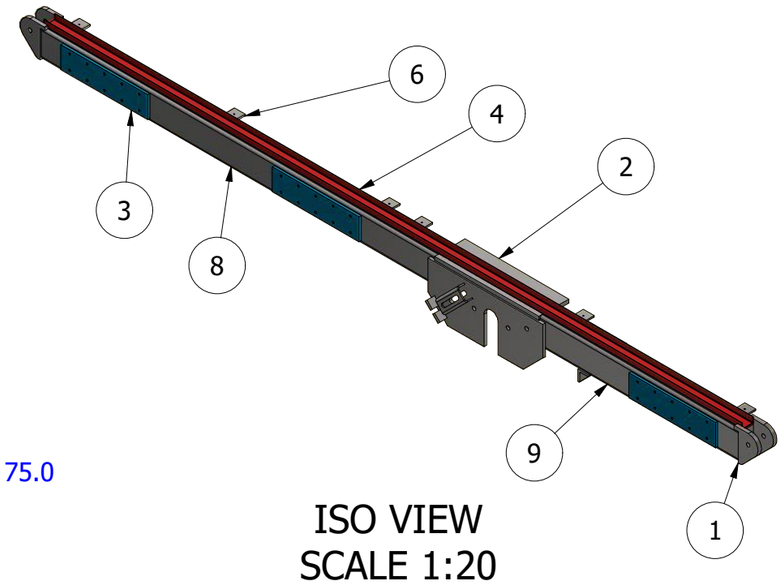
A1948-003-03 - 1 REQ'D AS DRAWN



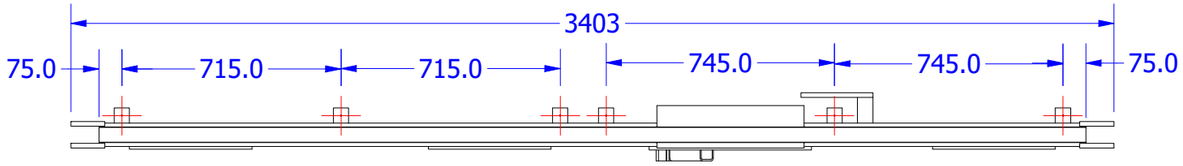
SECTION C-C
SCALE 1:20



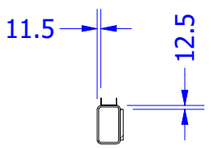
REAR VIEW
SCALE 1:20



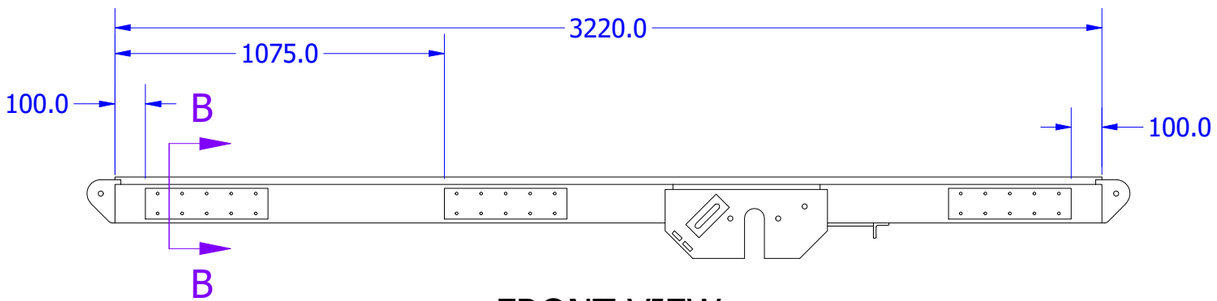
ISO VIEW
SCALE 1:20



PLAN VIEW
SCALE 1:20



SECTION B-B
SCALE 1:20



FRONT VIEW
SCALE 1:20

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: GREY

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: A1948-003-03 CHAIN CONVEYORS

DWG NO: 194803

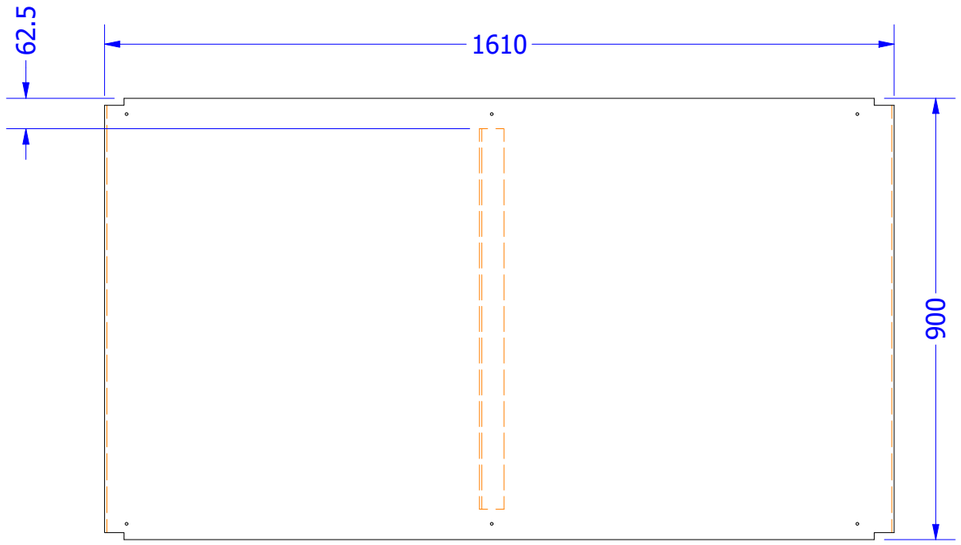
JOB NO:

SCALE: Noted | SHEET 10 OF 33 | SHEET SIZE: A3 | REV: 1

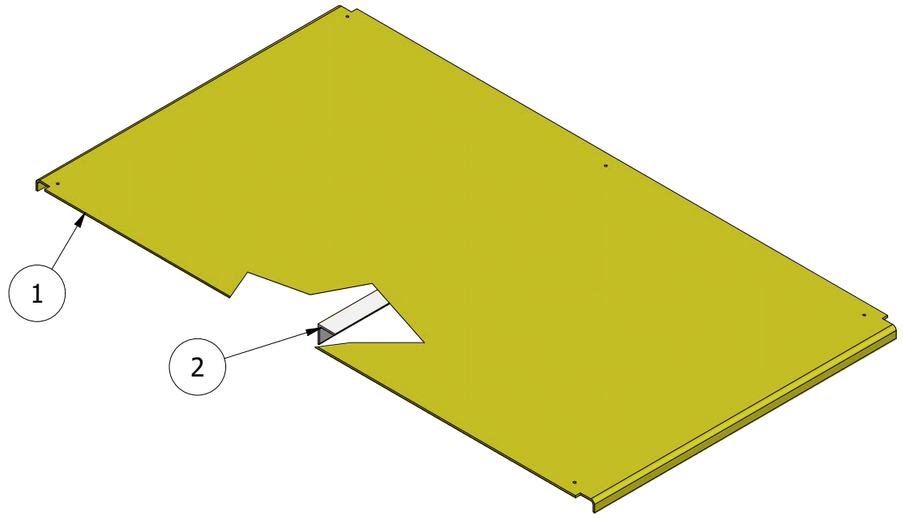
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	50x5 EA @ 775	Aluminum 6061		1
1	P1948-003-02	Aluminum 5052	SHEET 14	1

W1948-003-01 - 1 REQ'D AS DRAWN



PLAN VIEW
SCALE 1:12.5



ISO VIEW
SCALE 1:12.5

SIDE VIEW
SCALE 1:12.5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

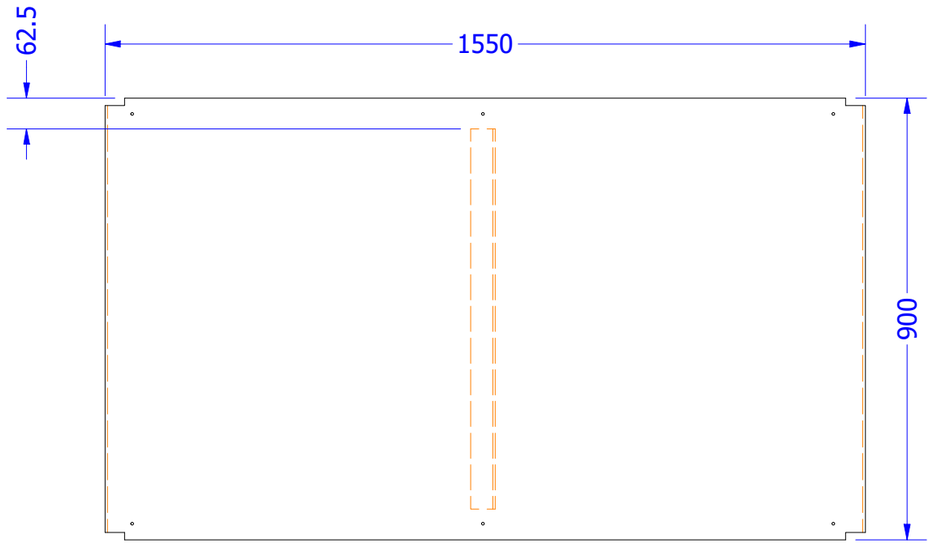
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	CUSTOMER:	RAB ENGINEERING			
DRAWN: David Bilney	TITLE:	W1948-003-01 CHAIN CONVEYORS			
DESIGNED: David Bilney	DWG NO:	194803			
DATE: 18/03/2021	JOB NO:	SCALE: Noted	SHEET 11 OF 33	SHEET SIZE: A3	REV: 1

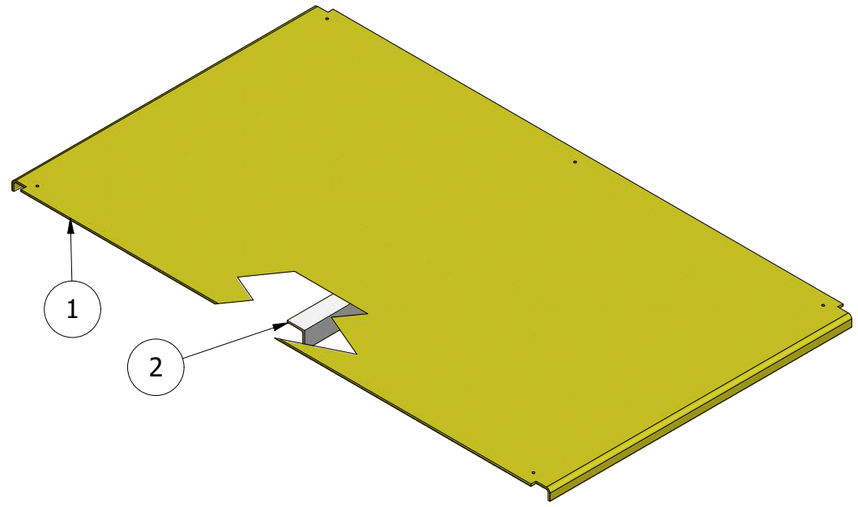
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	50x5 EA @ 775	Aluminum 6061		1
1	P1948-003-03	Aluminum 5052	SHEET 15	1

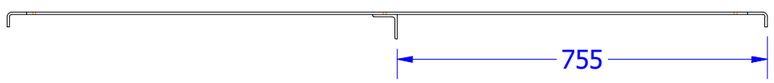
W1948-003-02 - 1 REQ'D AS DRAWN



PLAN VIEW
SCALE 1:12.5



ISO VIEW
SCALE 1:12.5



SIDE VIEW
SCALE 1:12.5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: YELLOW

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

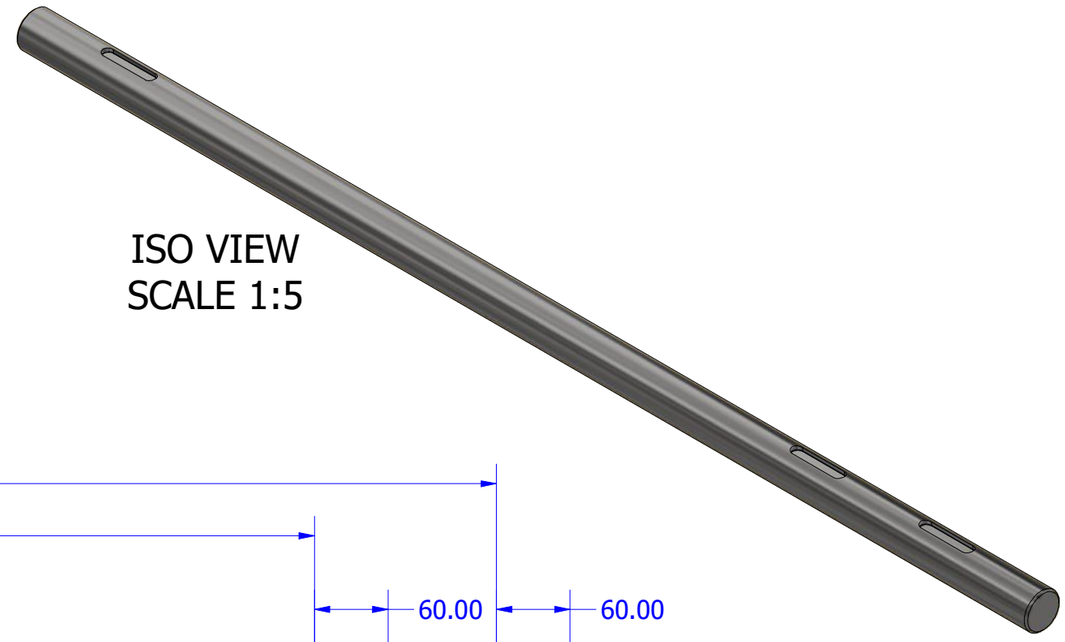
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	
DRAWN: David Bilney	
DESIGNED: David Bilney	
DATE: 18/03/2021	
CUSTOMER:	RAB ENGINEERING
TITLE:	W1948-003-02 CHAIN CONVEYORS
DWG NO:	194803
JOB NO:	
SCALE: Noted	
SHEET 12 OF 33	
SHEET SIZE: A3	
REV: 1	

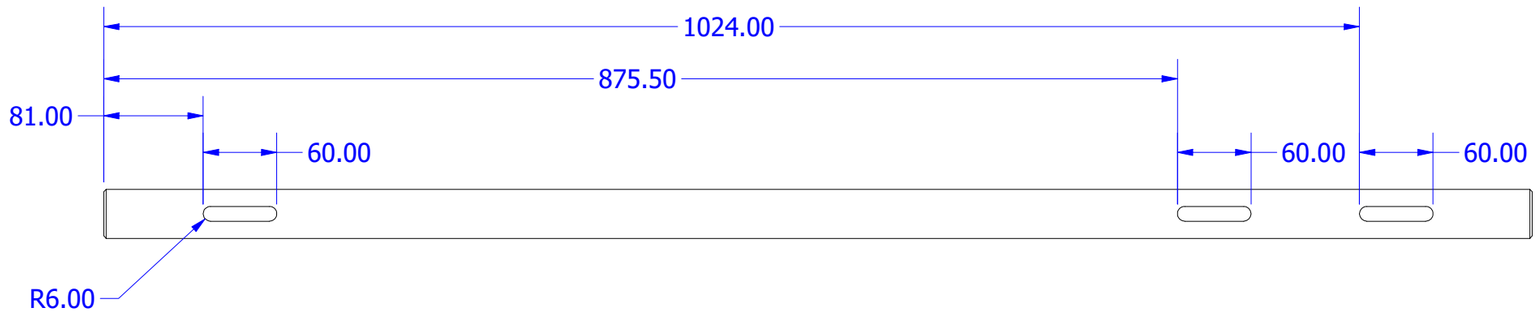
DO NOT SCALE DRAWING

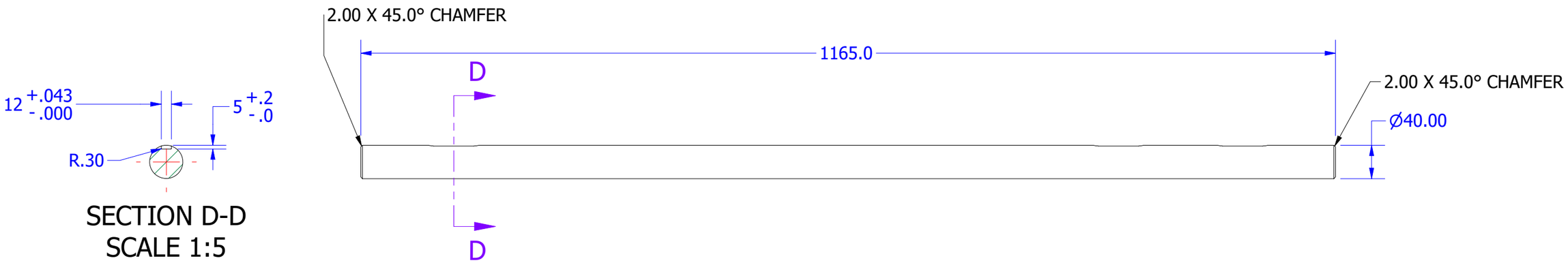
50 RND BAR @ 1165	Steel	AS1444-1996 4140
DESCRIPTION	MATERIAL	COMMENTS

P1948-002-01 - 1 REQ'D AS DRAWN



ISO VIEW
SCALE 1:5





SECTION D-D
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-002-01 CHAIN CONVEYORS

DWG NO: 194802

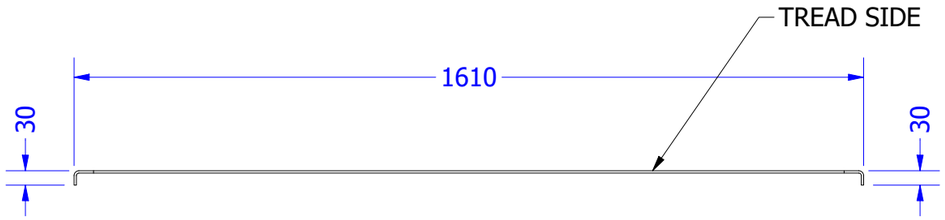
JOB NO:

SCALE: Noted | SHEET 13 OF 33 | SHEET SIZE: A3 | REV: 1

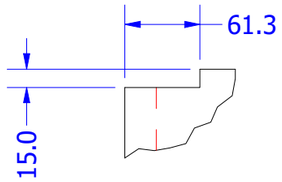
DO NOT SCALE DRAWING

5mm PLATE @ 1653 X 900	Aluminum 5052	AS1734
DESCRIPTION	MATERIAL	COMMENTS

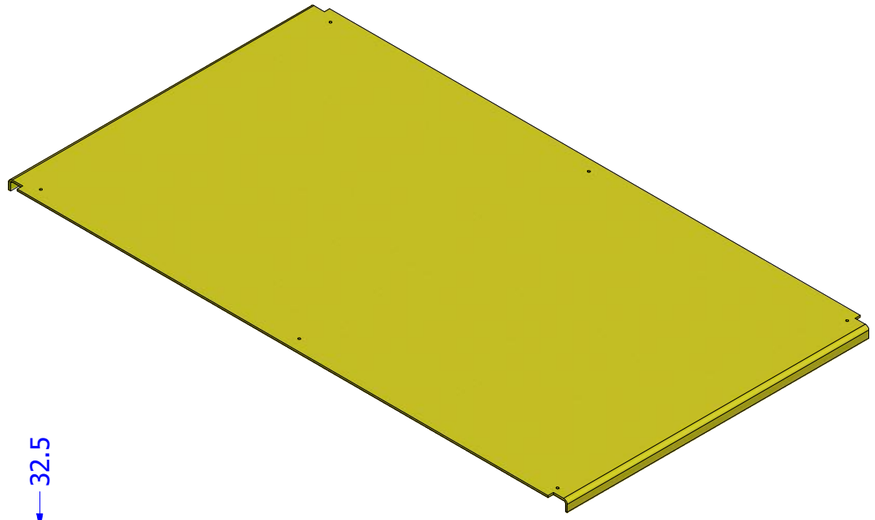
P1948-003-02 - 1 REQ'D AS DRAWN



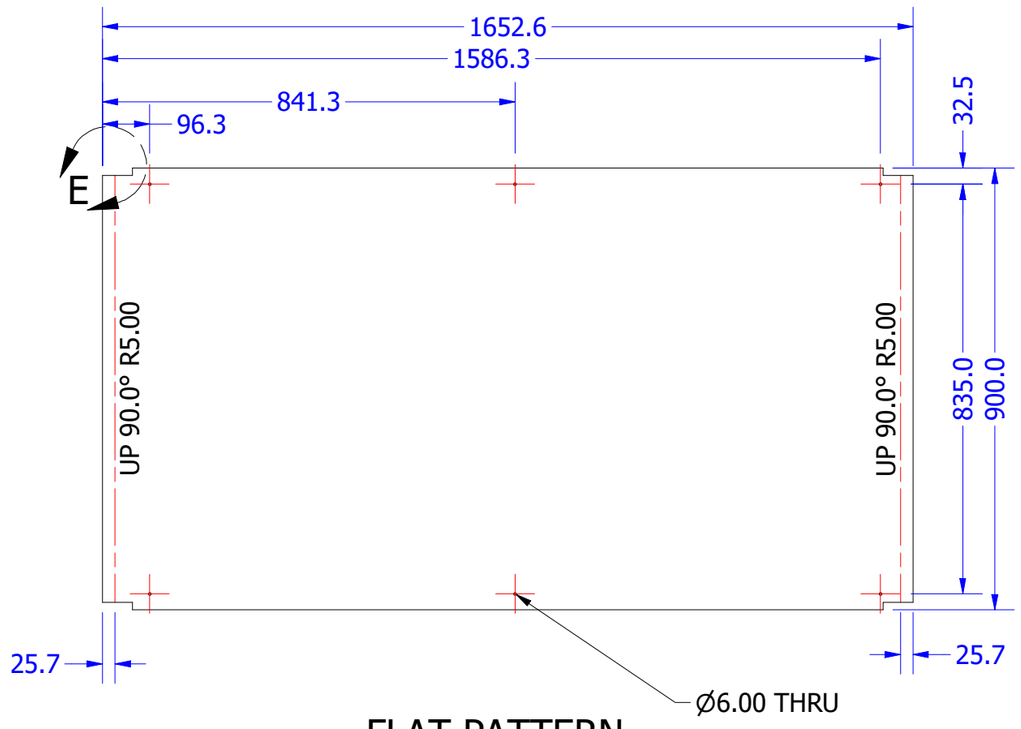
FRONT VIEW - FOLDED
SCALE 1:12.5



DETAIL E
TYPICAL CUTOUT
SCALE 1:5



ISO VIEW
SCALE 1:12.5



FLAT PATTERN
TREAD SIDE DOWN
SCALE 1:12.5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

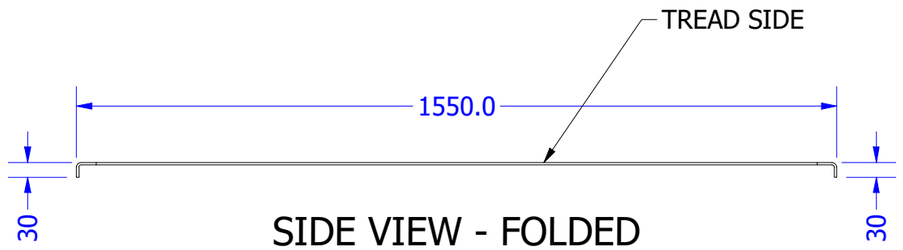
DRAWN: David Bilney
DESIGNED: David Bilney
DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING
TITLE: P1948-003-02 CHAIN CONVEYORS
DWG NO: 194802
JOB NO:
SCALE: Noted
SHEET 14 OF 33
SHEET SIZE: A3
REV: 1

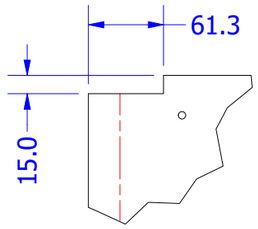
DO NOT SCALE DRAWING

5mm TREADPLATE @ 1593 X 900	Aluminum 5052	AS1734 - 5052
DESCRIPTION	MATERIAL	COMMENTS

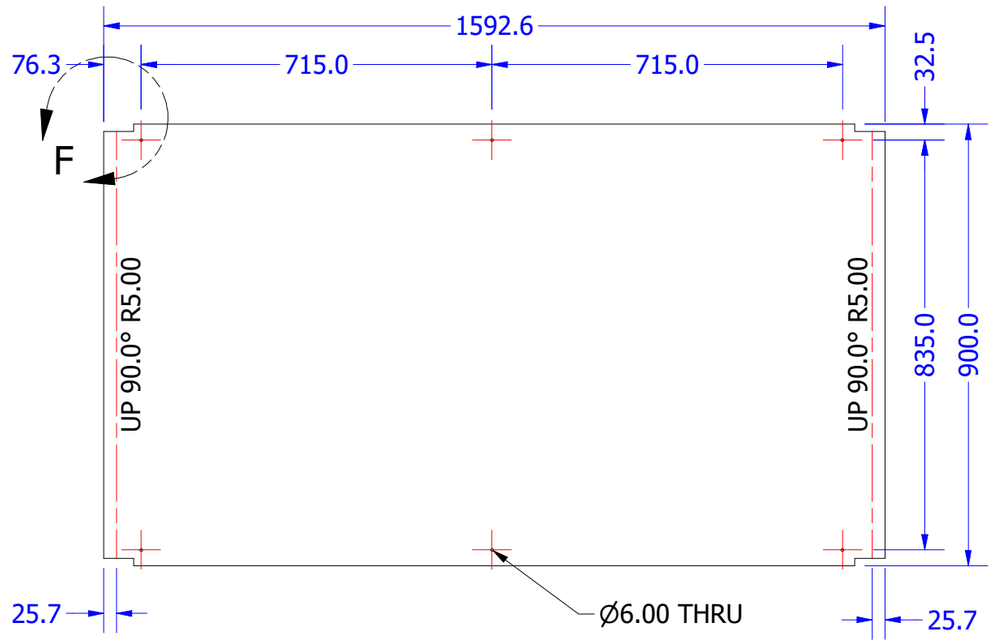
P1948-003-03 - 1 REQ'D AS DRAWN



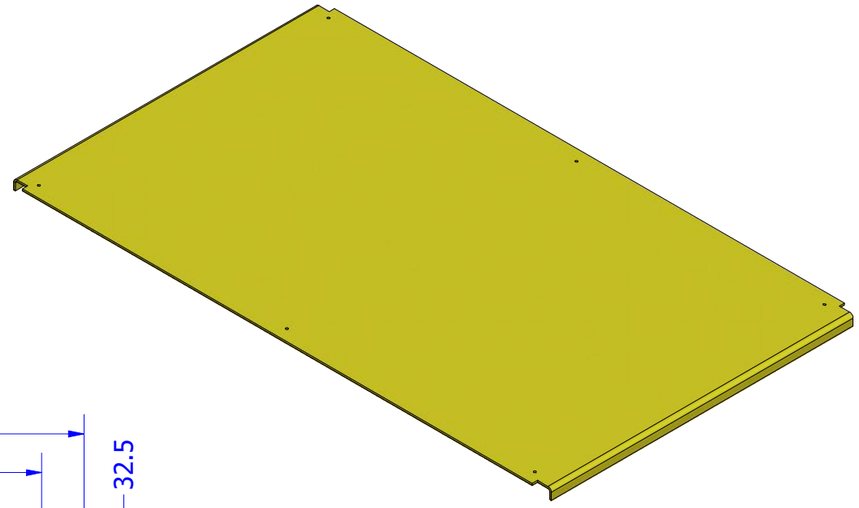
SIDE VIEW - FOLDED
SCALE 1:12.5



DETAIL F
TYPICAL CUTOUT
SCALE 1:5



FLAT PATTERN
TREAD SIDE DOWN
SCALE 1:12.5



ISO VIEW
SCALE 1:12.5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-003-03 CHAIN CONVEYORS

DWG NO: 194803

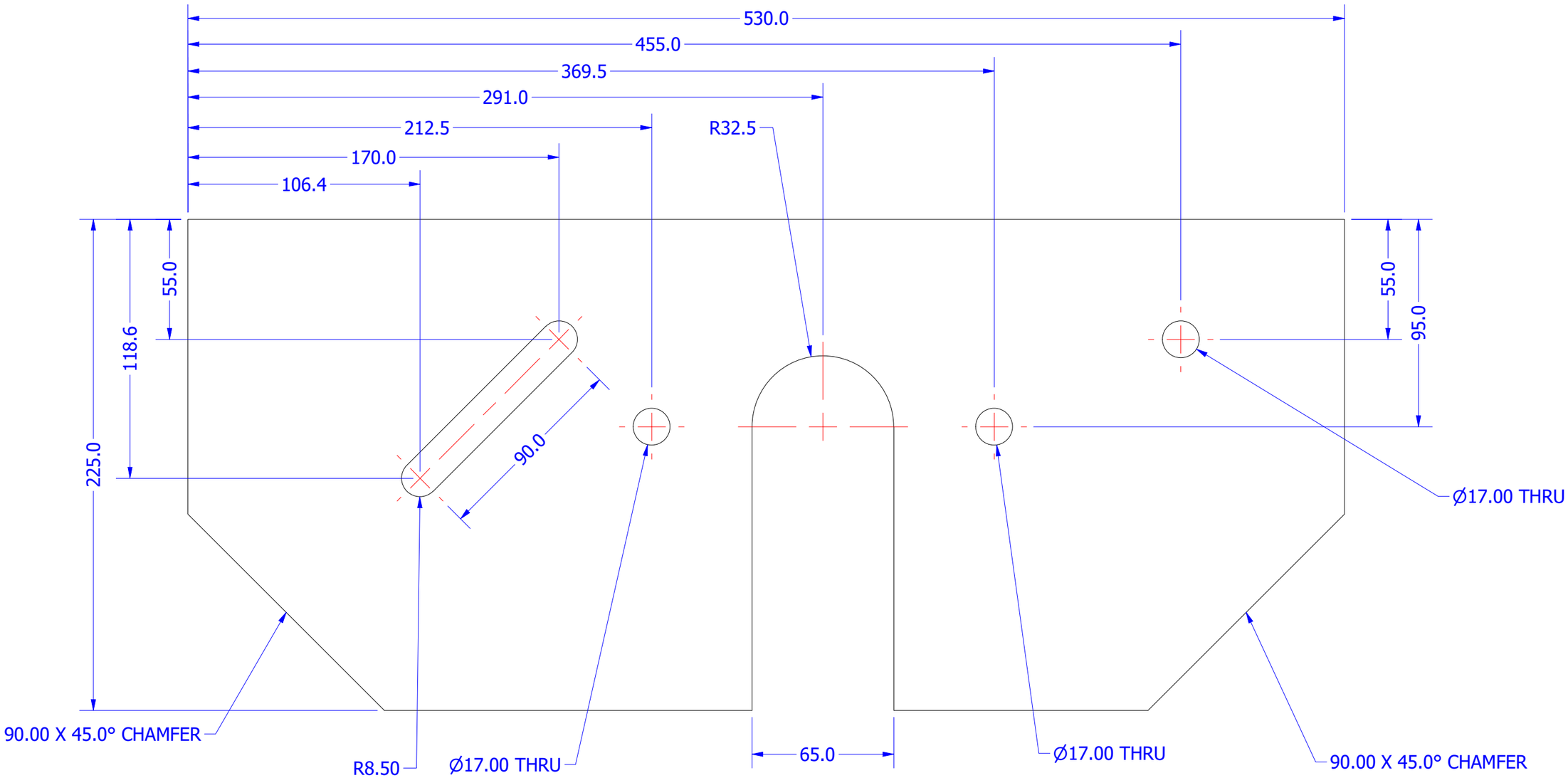
JOB NO:

SCALE: Noted | SHEET 15 OF 33 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

12mm PLATE @ 530 X 225	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-01 - 2 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-01 CHAIN CONVEYORS

DWG NO: 194801/12

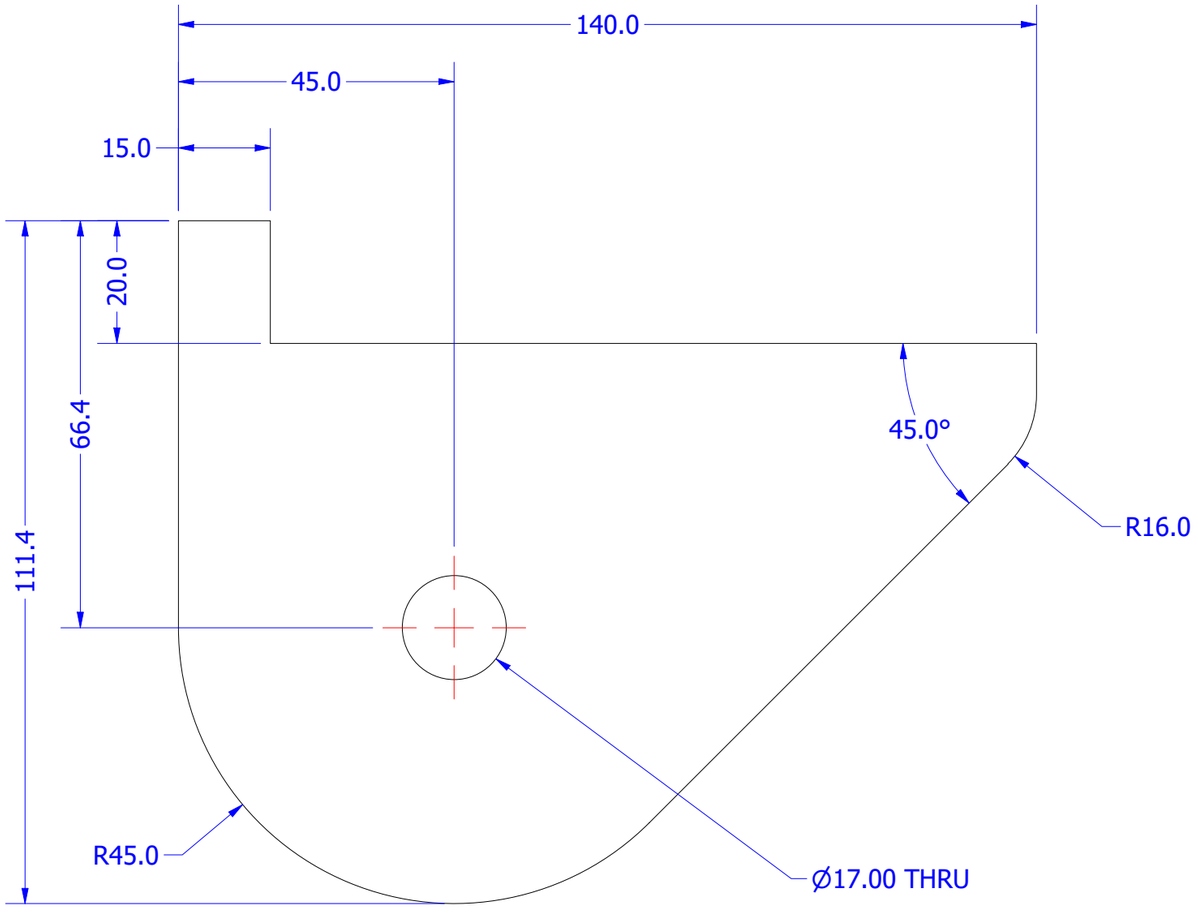
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	16 OF 33	A3	1

DO NOT SCALE DRAWING

16mm PLATE @ 140 X 111	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-02 - 8 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-02 CHAIN CONVEYORS

DWG NO: 194801/13

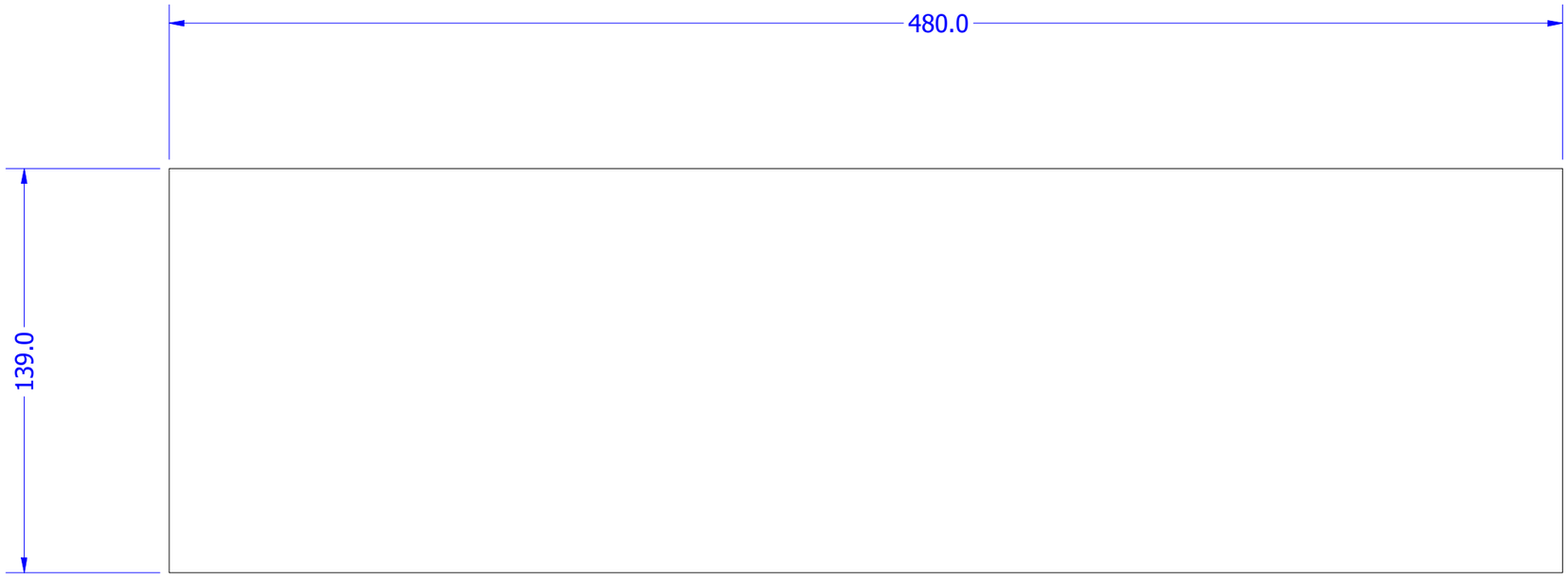
JOB NO:

SCALE: Noted | SHEET 17 OF 33 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

16mm PLATE @ 480 X 139	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-03 - 2 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-03 CHAIN CONVEYORS

DWG NO: 194801/14

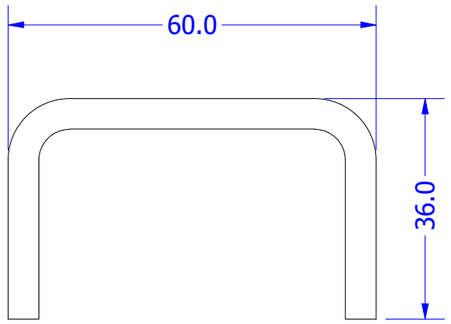
JOB NO:

SCALE: Noted | SHEET 18 OF 33 | SHEET SIZE: A3 | REV: 1

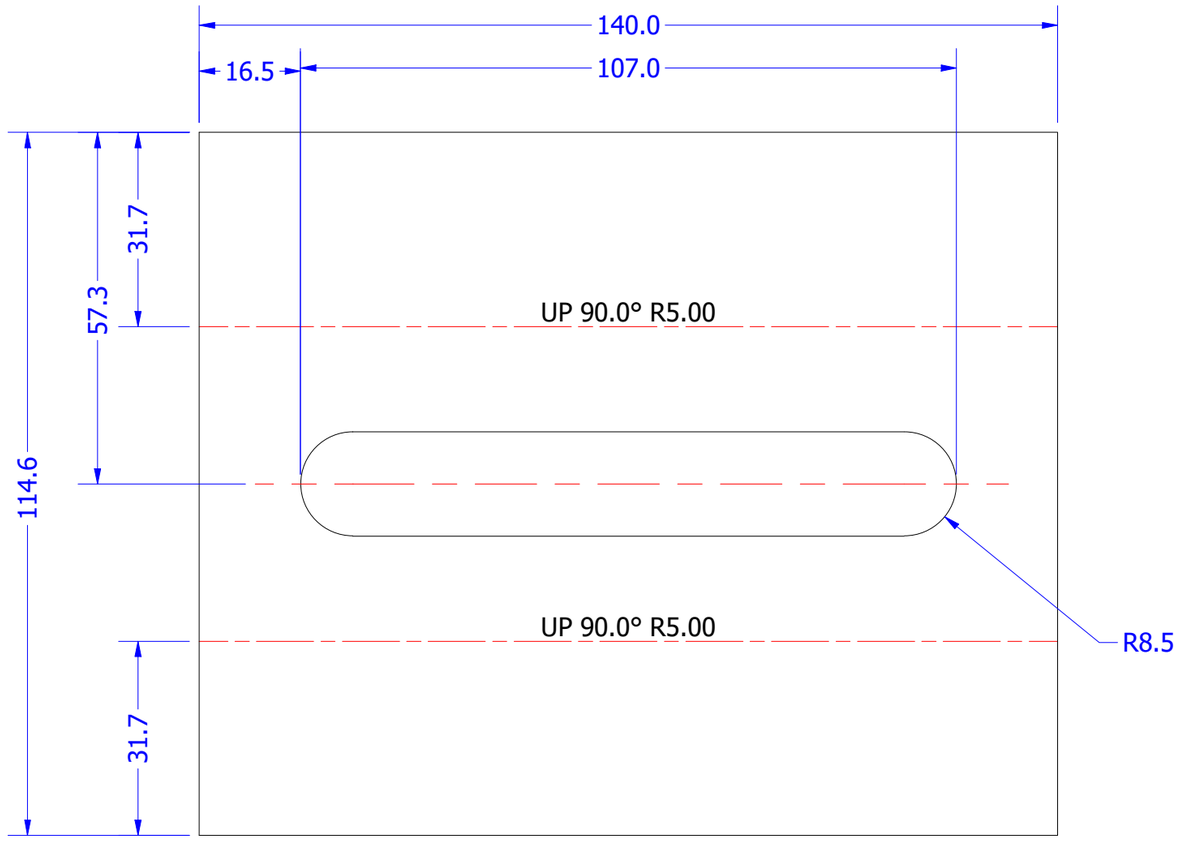
DO NOT SCALE DRAWING

5mm PLATE @ 140 X 115	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-04 - 2 REQ'D AS DRAWN



FOLDED VIEW
SCALE 1 : 1



FLAT PATTERN
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-04 CHAIN CONVEYORS

DWG NO: 194801/15

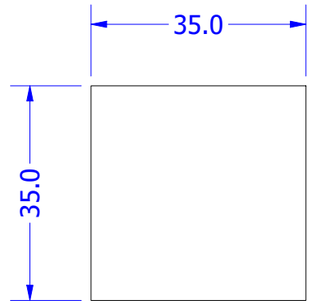
JOB NO:

SCALE: Noted | SHEET 19 OF 33 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

12mm PLATE @ 35 X 35	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-05 - 4 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-05 CHAIN CONVEYORS

DWG NO: 194801/16

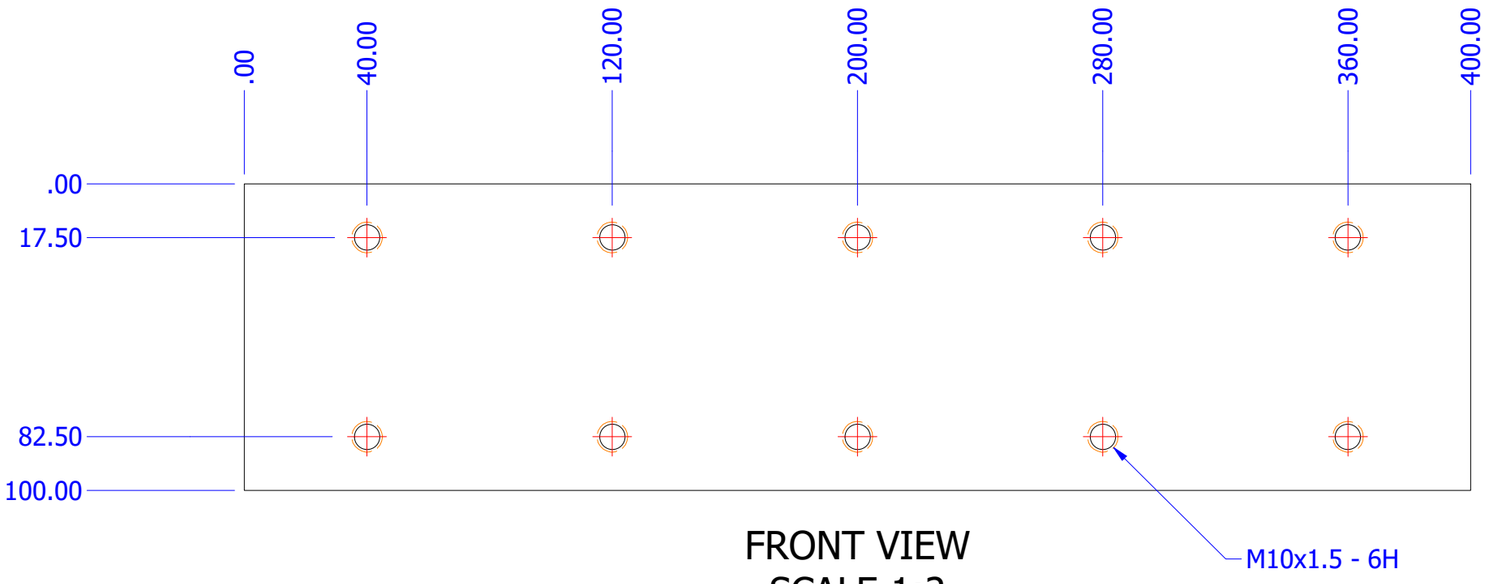
JOB NO:

SCALE: Noted | SHEET 20 OF 33 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

100x10 FMS @ 400mm	Steel, Mild	AS3679 - GR300
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-06 - 6 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-06 CHAIN CONVEYORS

DWG NO: 194801/17

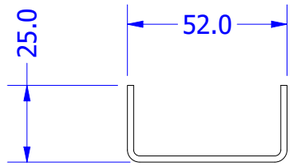
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	21 OF 33	A3	1

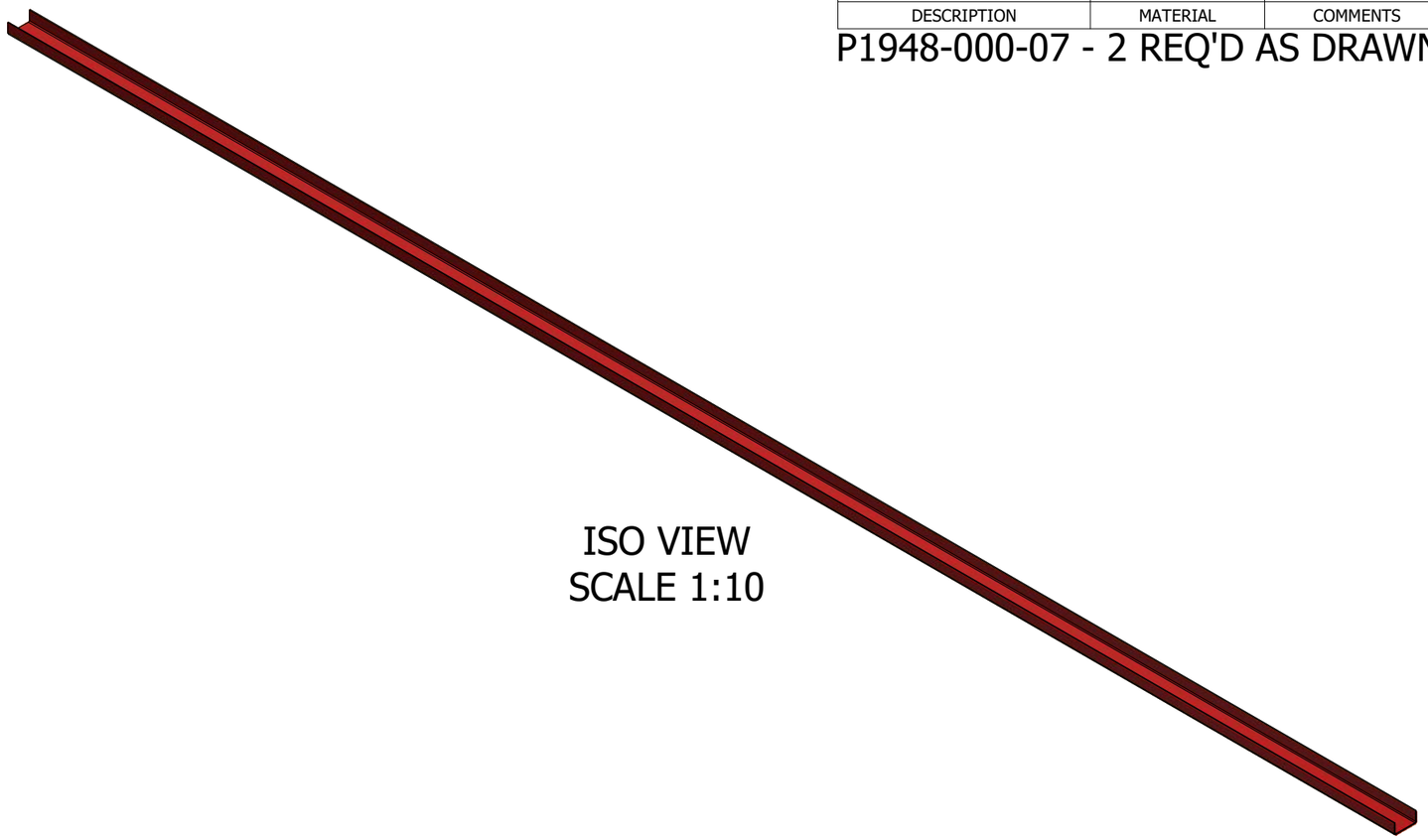
DO NOT SCALE DRAWING

2mm PLATE @ 3220 X 95	Steel, Mild	AS1594 - GR250
DESCRIPTION	MATERIAL	COMMENTS

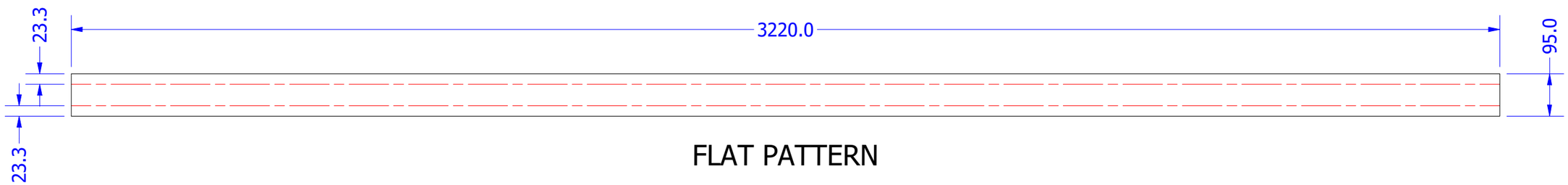
P1948-000-07 - 2 REQ'D AS DRAWN



FOLDED VIEW
SCALE 1:2



ISO VIEW
SCALE 1:10



FLAT PATTERN

ALL FOLDS UP 90°

SCALE 1:10

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-07 CHAIN CONVEYORS

DWG NO: 194801

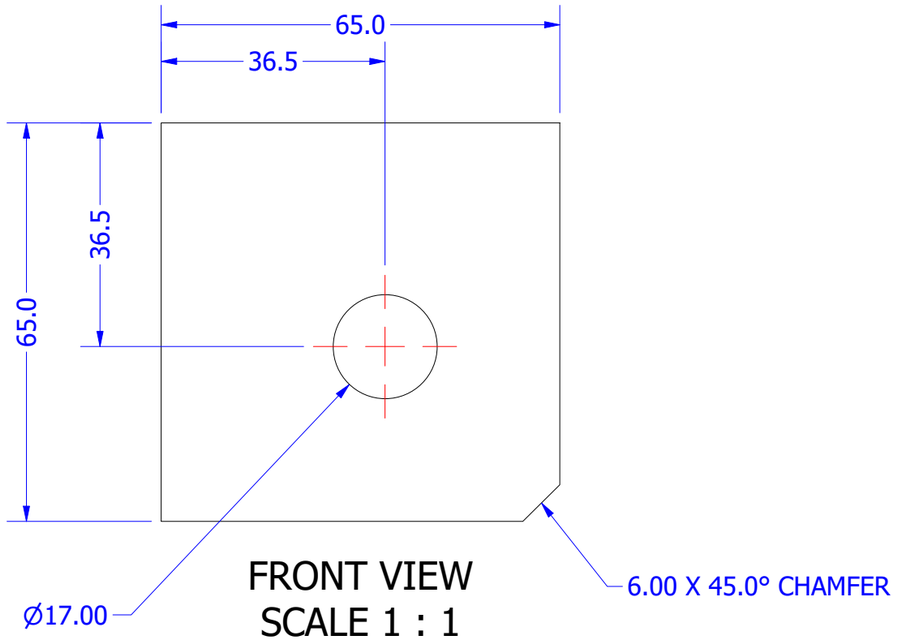
JOB NO:

SCALE: Noted | SHEET 22 OF 33 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

6mm PLATE @ 65 X 65	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-08 - 6 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-08 CHAIN CONVEYORS

DWG NO: 194801/18

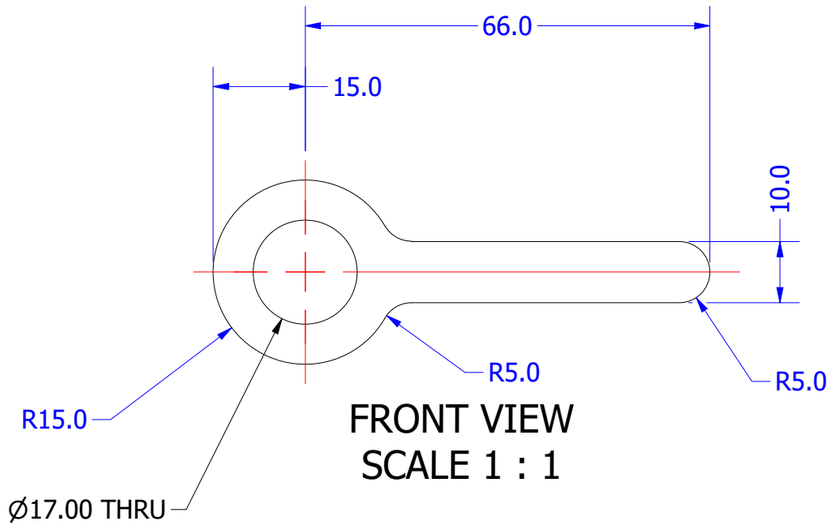
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	23 OF 33	A3	1

DO NOT SCALE DRAWING

2mm PLATE @ 81 X 30	Steel, Mild	ASTM A240
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-09 - 4 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-09 CHAIN CONVEYORS

DWG NO: 194801/19

JOB NO:

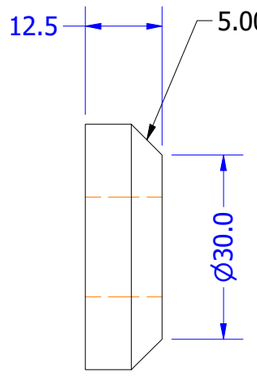
SCALE:	SHEET	SHEET SIZE:	REV:
Noted	24 OF 33	A3	1

DO NOT SCALE DRAWING

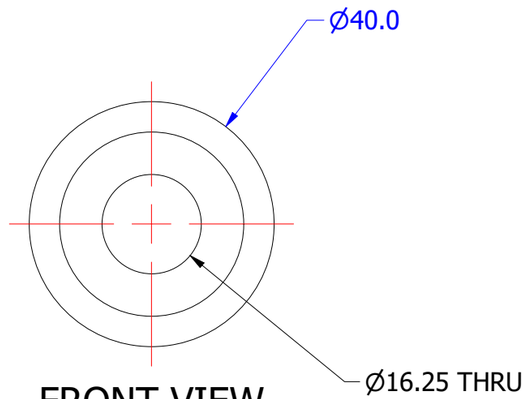
40 RND BAR @ 12.5mm	Steel, Mild	AS3679 - GR300
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-10 - 4 REQ'D AS DRAWN

ISO VIEW
SCALE 1 : 1



SIDE VIEW
SCALE 1 : 1



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: ZINC PLATE

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-10 CHAIN CONVEYORS

DWG NO: 194801/20

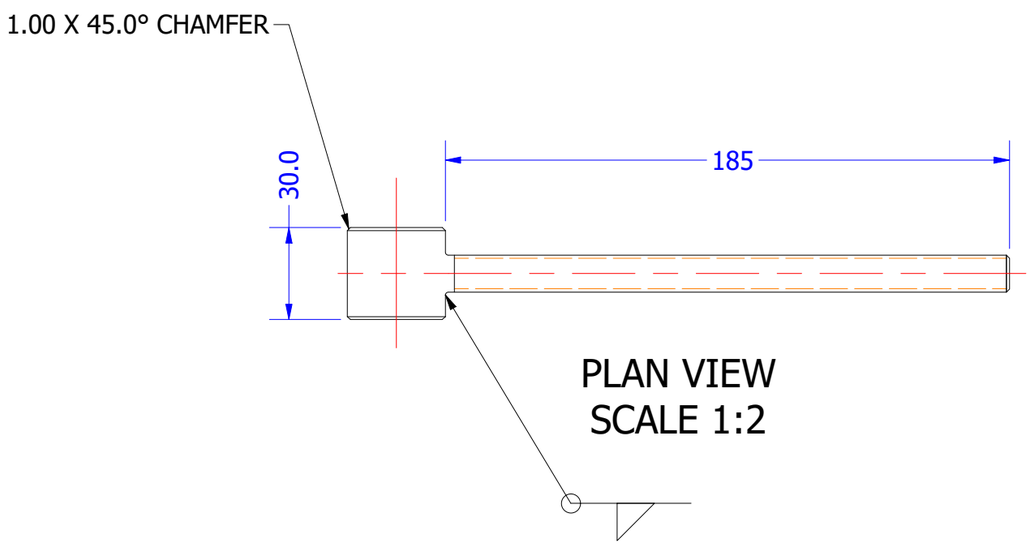
JOB NO:

SCALE: Noted | SHEET 25 OF 33 | SHEET SIZE: A3 | REV: 1

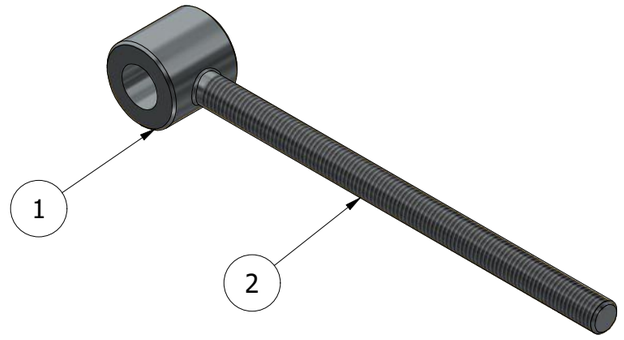
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	M12 ALL THREAD @ 185	Steel, Mild		1
1	32x45 HOLLOW BAR @ 30mm	Steel, Mild	194801/21	1

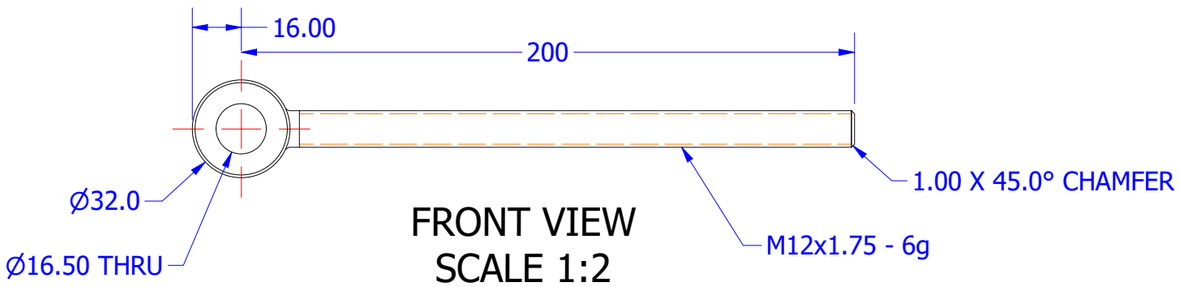
P1948-000-11 - 2 REQ'D AS DRAWN



PLAN VIEW
SCALE 1:2



ISO VIEW
SCALE 1:2



FRONT VIEW
SCALE 1:2

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: ZINC PLATE

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-11 CHAIN CONVEYORS

DWG NO: 194801/21

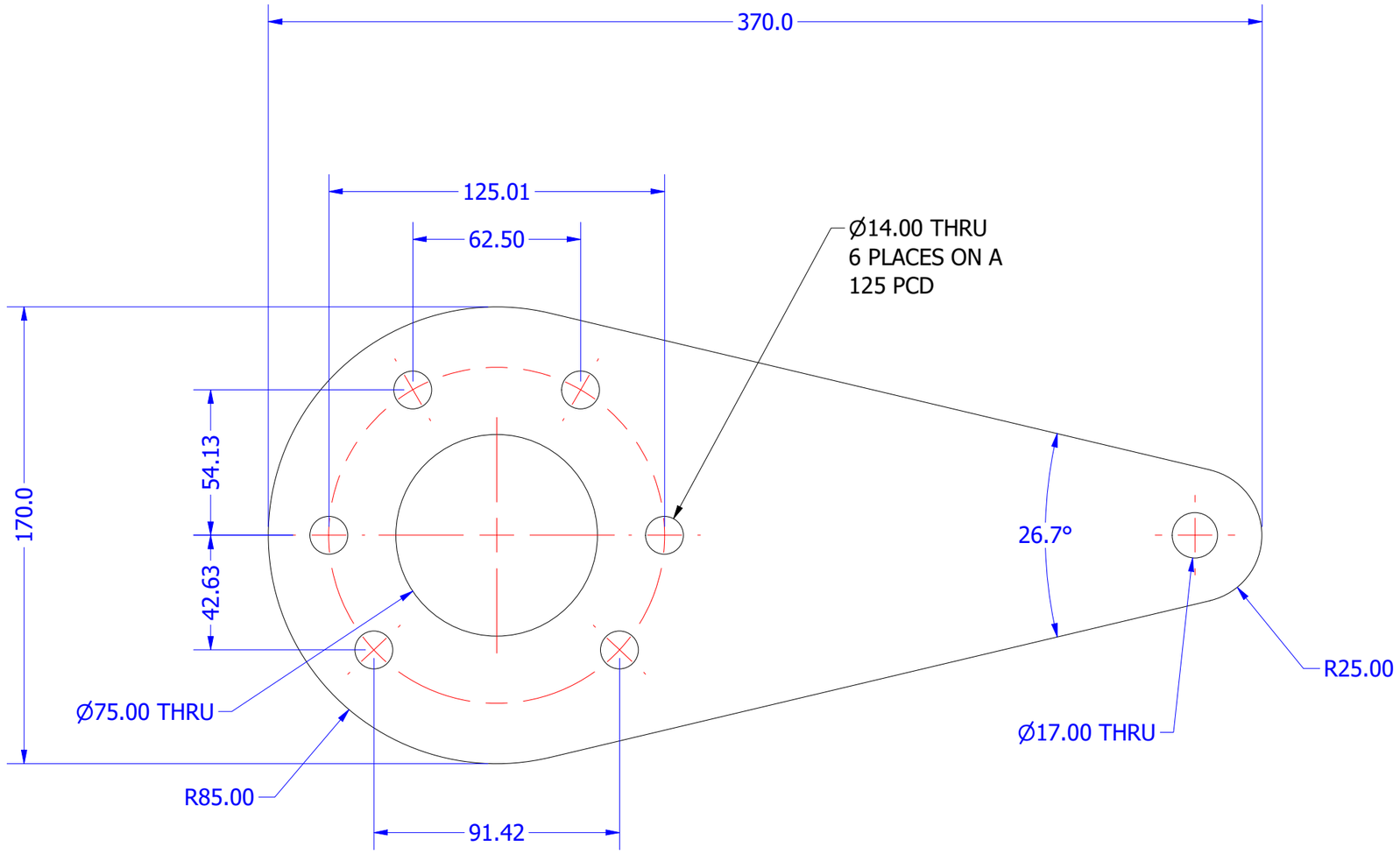
JOB NO:

SCALE: Noted | SHEET 26 OF 33 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

10mm PLATE @ 370 X 170	Mild Steel	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-12 - 1 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-12 CHAIN CONVEYORS

DWG NO: 194801/22

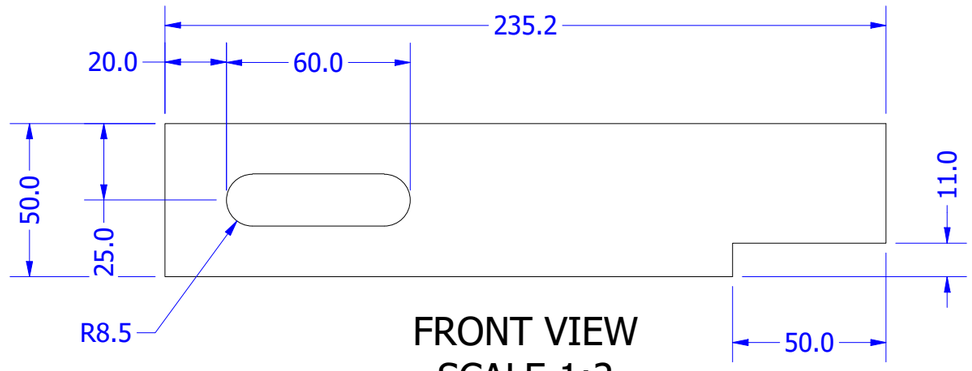
JOB NO:

SCALE: Noted | SHEET 27 OF 33 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

16mm PLATE @ 200 X 50	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-13 - 1 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-13 CHAIN CONVEYORS

DWG NO: 194801/23

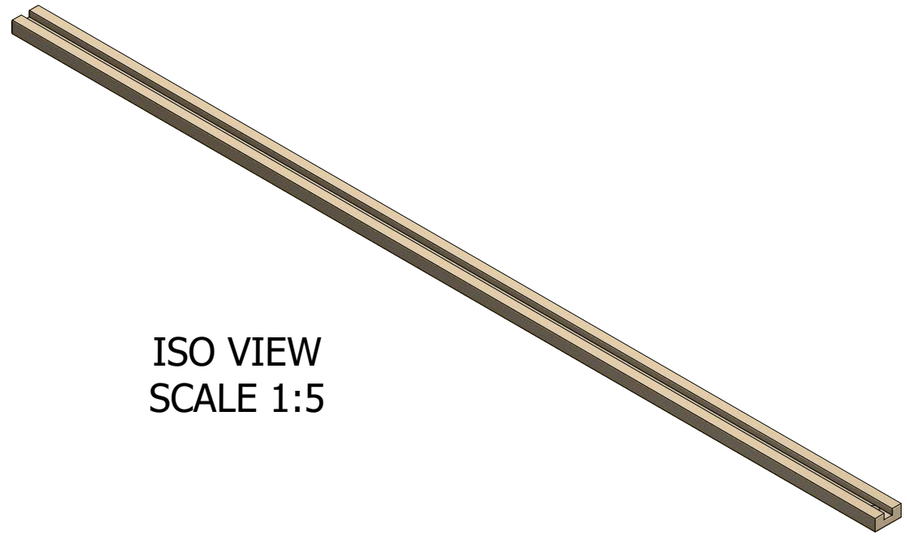
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	28 OF 33	A3	1

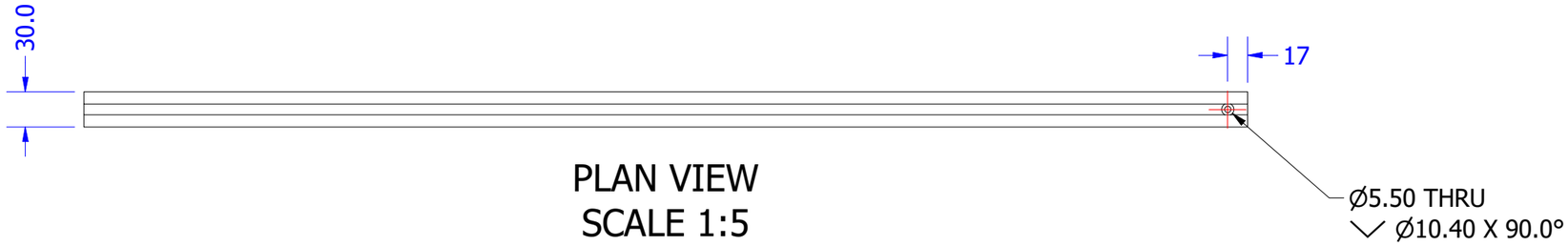
DO NOT SCALE DRAWING

30x13.5 FLAT @ 995	Polyethylene, High Density	POSSIBLY STORE ITEM (ORORA)
DESCRIPTION	MATERIAL	COMMENTS

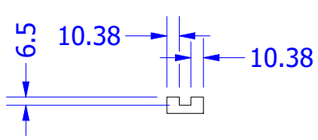
P1948-000-15 - 8 REQ'D AS DRAWN



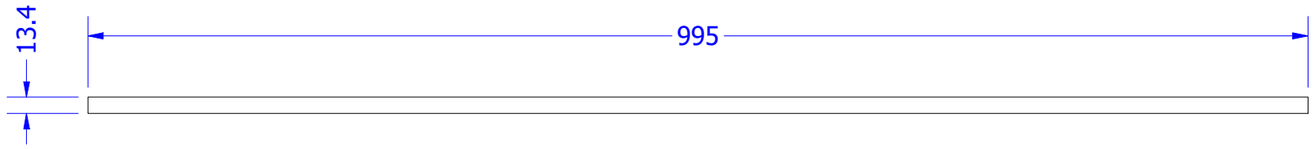
ISO VIEW
SCALE 1:5



PLAN VIEW
SCALE 1:5



END VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-15 CHAIN CONVEYORS

DWG NO: 194801/25

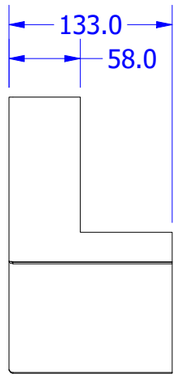
JOB NO:

SCALE: Noted | SHEET 29 OF 33 | SHEET SIZE: A3 | REV: 1

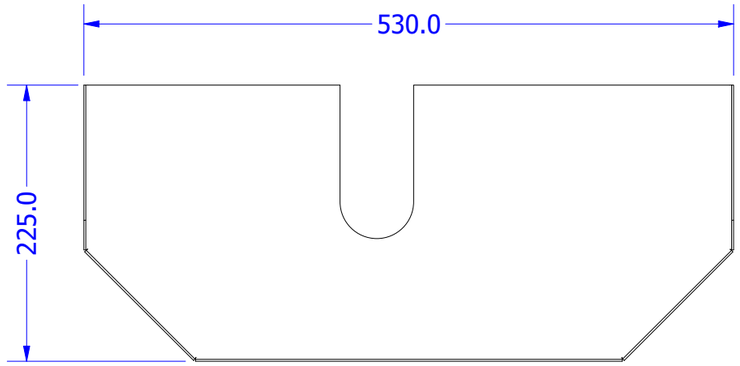
DO NOT SCALE DRAWING

2mm PLATE @ 790 X 355	Steel, Mild	AS1594 - GR250
DESCRIPTION	MATERIAL	COMMENTS

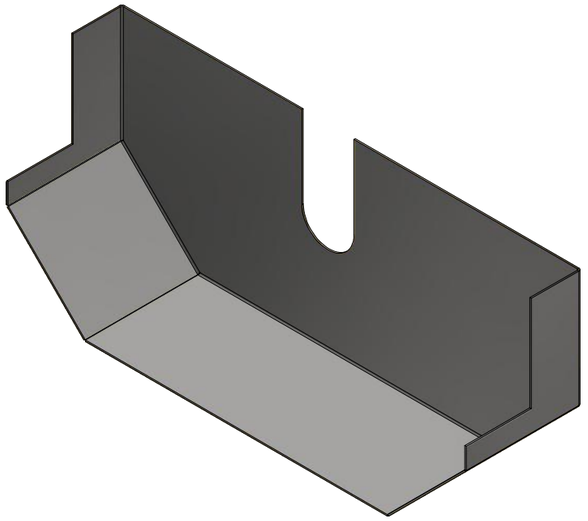
P1948-000-16 - 1 REQ'D AS DRAWN
P1948-000-17 - 1 REQ'D OPPOSITE
(2 BLANKS REQ'D)



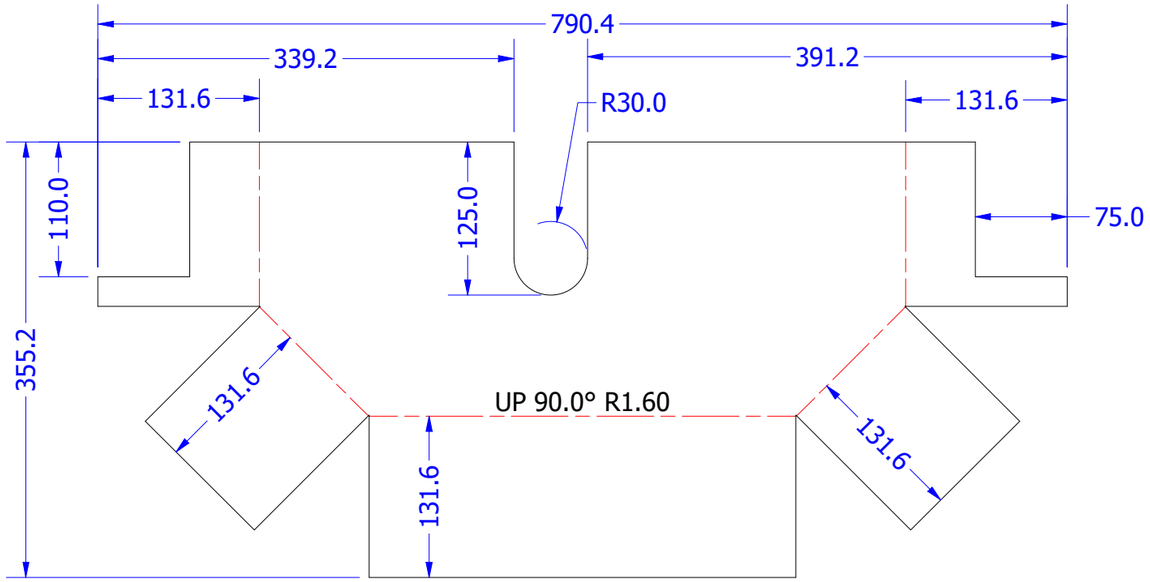
SIDE VIEW - FOLDED
SCALE 1:5



FRONT VIEW - FOLDED
SCALE 1:5



ISO VIEW - FOLDED
SCALE 1:5



P1948-000-16 - ALL FOLDS UP 90°

P1948-000-17 - ALL FOLDS DOWN 90°

SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .125 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-16 CHAIN CONVEYORS

DWG NO: 194801/26

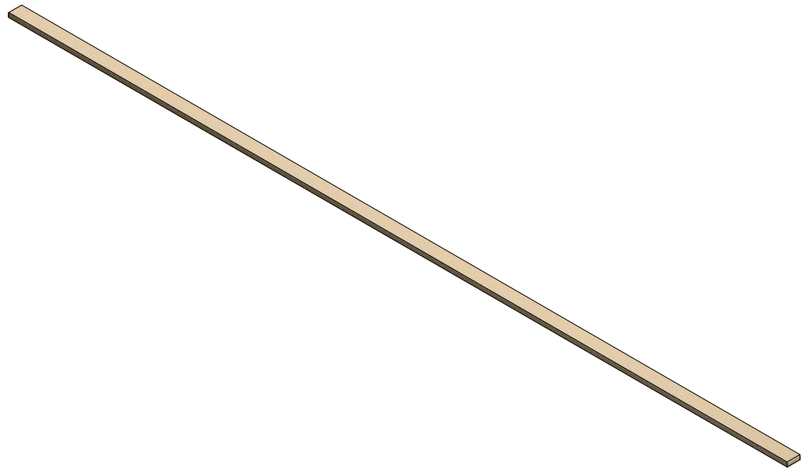
JOB NO:

SCALE: Noted | SHEET 30 OF 33 | SHEET SIZE: A3 | REV: 1

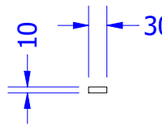
DO NOT SCALE DRAWING

30x10 FLAT @ 1795	HDPE	
DESCRIPTION	MATERIAL	COMMENTS

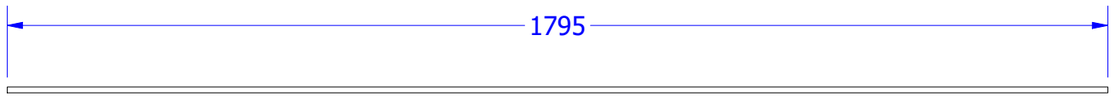
P1948-000-23 - 2 REQ'D AS DRAWN



ISO VIEW
SCALE 1:10



END VIEW
SCALE 1:10



SIDE VIEW
SCALE 1:10

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-23 CHAIN CONVEYORS

DWG NO: 194802

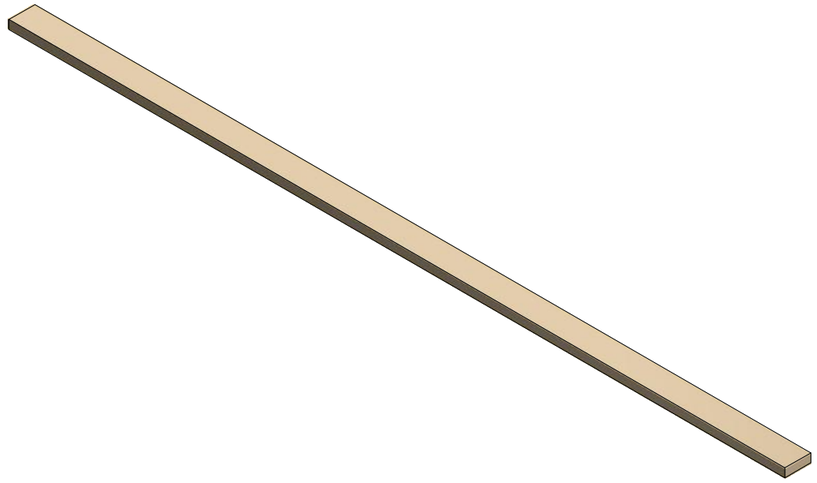
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	31 OF 33	A3	1

DO NOT SCALE DRAWING

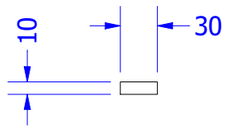
30x10 FLAT @ 895	Polyethylene, High Density	
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-24 - 2 REQ'D AS DRAWN

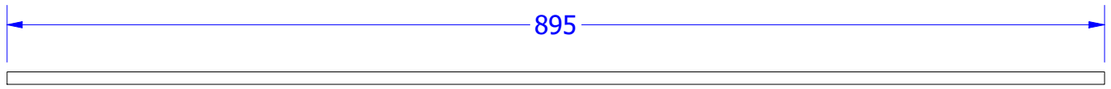


ISO VIEW
SCALE 1:5

PLAN VIEW
SCALE 1:5



END VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-24 CHAIN CONVEYORS

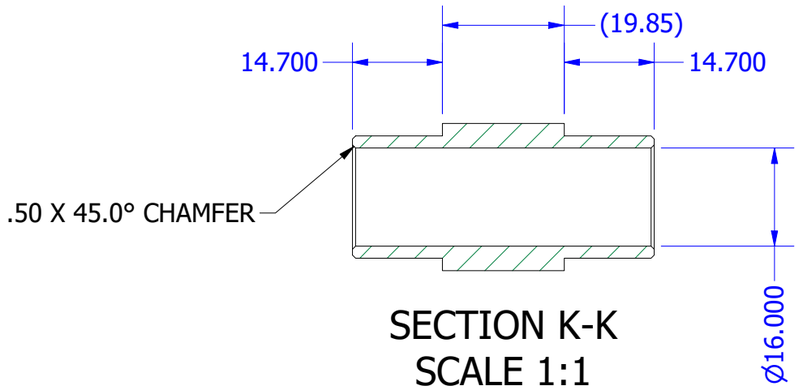
DWG NO: 194801/31

JOB NO:

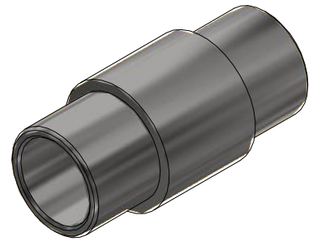
SCALE: Noted | SHEET 32 OF 33 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

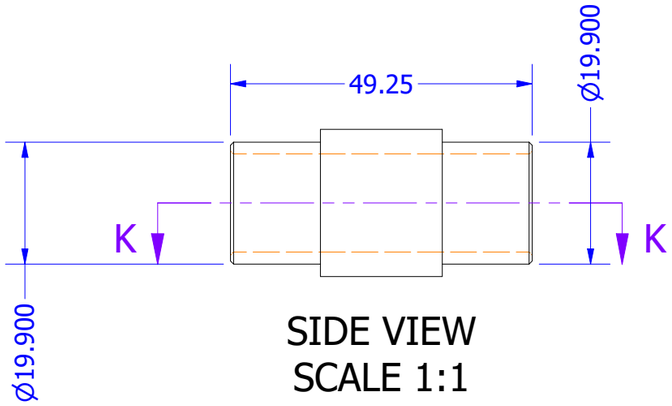
24RND BAR @ 50mm	Steel, Mild	AS1443 - 1020
DESCRIPTION	MATERIAL	COMMENTS



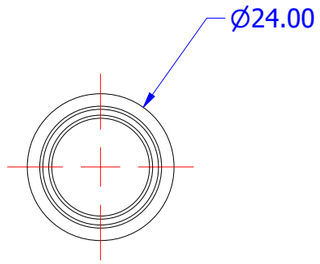
SECTION K-K
SCALE 1:1



ISO VIEW
SCALE 1:1



SIDE VIEW
SCALE 1:1



FRONT VIEW
SCALE 1:1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 18/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-29 CHAIN CONVEYORS

DWG NO: 194801/34

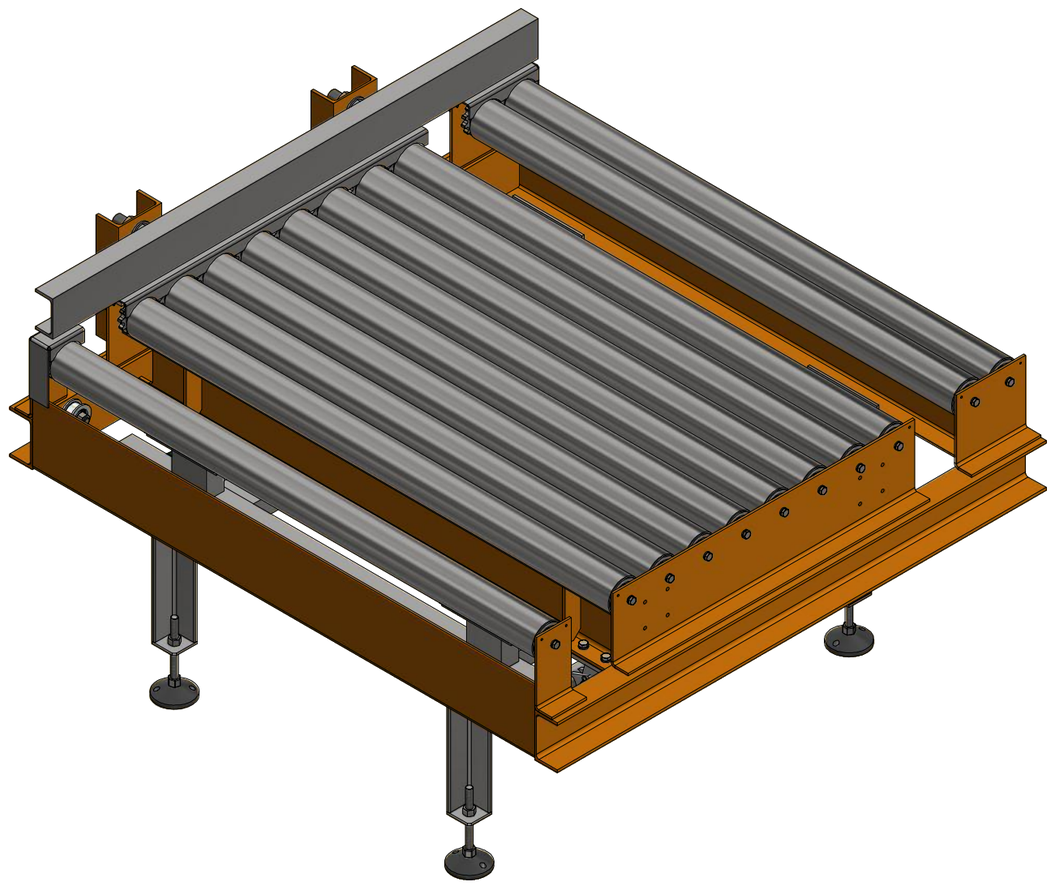
JOB NO:

SCALE: Noted | SHEET 33 OF 33 | SHEET SIZE: A3 | REV: 1

DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
12	A1948-008-01		194811	1
11	25NB PIPE	Steel, Mild	19mm	2
10	AS 1112 - M24 FINE	Steel, Mild	HEX NUT	2
9	A1948-004-02	ASSEMBLY	SHEET 4	1
8	RETAINING CLIP 2	Steel, Mild	SHEET 19	1
7	P1948-000-25	Steel, Mild	SHEET 19	1
6	RETAINING CLIP	Steel, Mild	SHEET 20	4
5	P1948-000-26	Steel, Mild	SHEET 20	4
4	MALE ROD END M24	Steel, Mild		1
3	KJ27D_D	SMC	FEMALE ROD END M27	1
2	CP96SD125-200(200_1_0)	SMC	PNEUMATIC CYLINDER	1
1	A1948-001-01	ASSEMBLY	SHEET 5	1

1 ASSEMBLY AS SHOWN REQ'D
6 ASSEMBLIES WITHOUT STOPS REQ'D



FINAL ASSEMBLY
SCALE 1:12.5

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

REV	DATE	DESCRIPTION	APPRD
2	14/05/2021	CIRCLIP GROOVE & SIZE CHANGE IDLER PULLEY	
1	27/04/2021	AS BUILT	DB

REVISION HISTORY

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

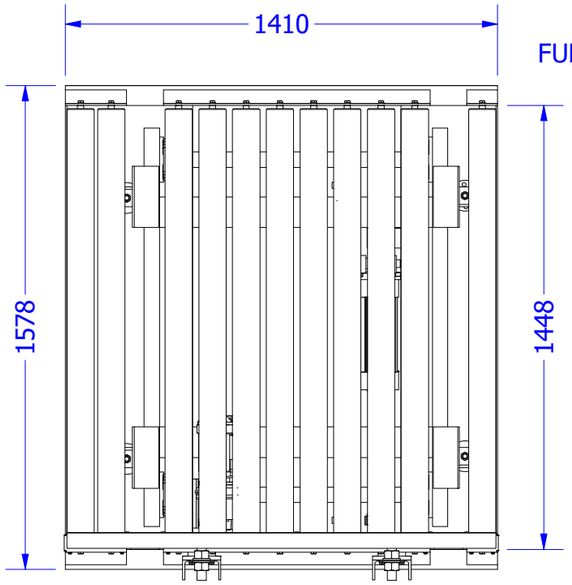
TITLE: A1948-004-01 CHAIN CONVEYORS

DWG NO: 194804

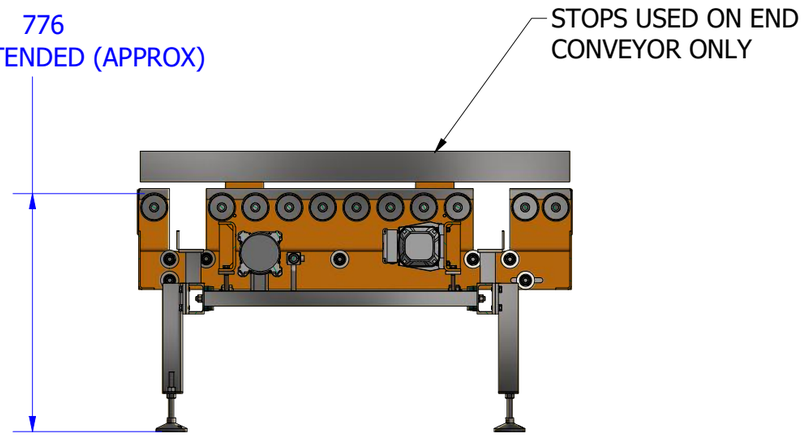
JOB NO:

SCALE: Noted | SHEET 1 OF 48 | SHEET SIZE: A3 | REV: 2

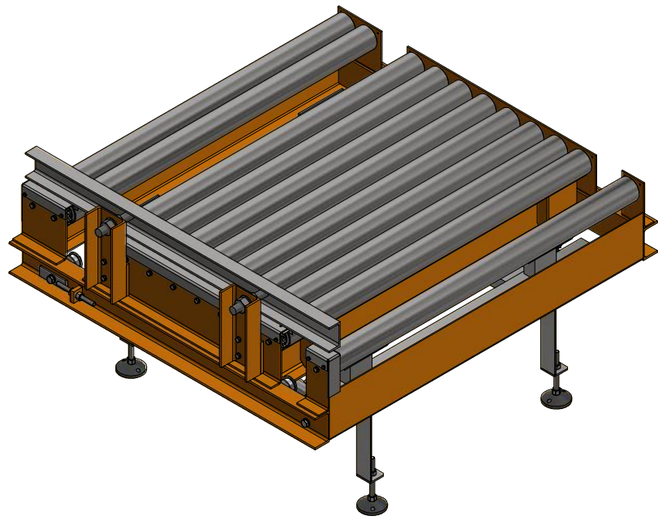
DO NOT SCALE DRAWING



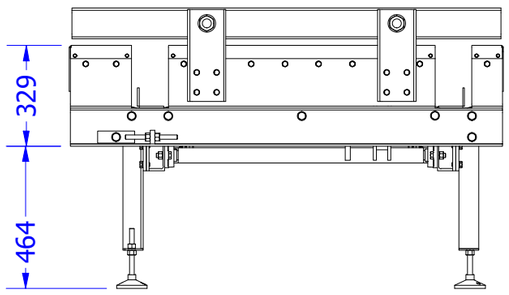
PLAN VIEW
SCALE 1:20



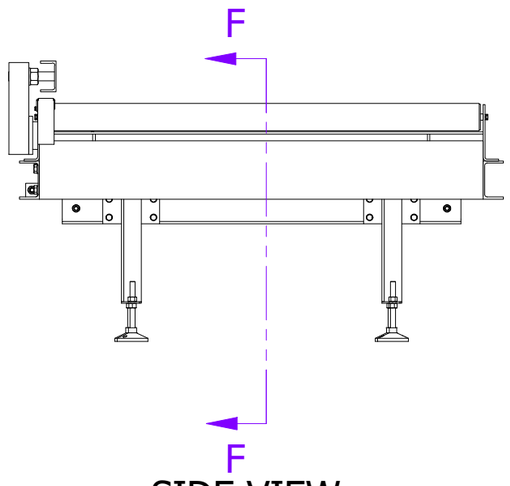
SECTION F-F
SCALE 1:20



ISO VIEW
SCALE 1:20



END VIEW
SCALE 1:20



SIDE VIEW
SCALE 1:20

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

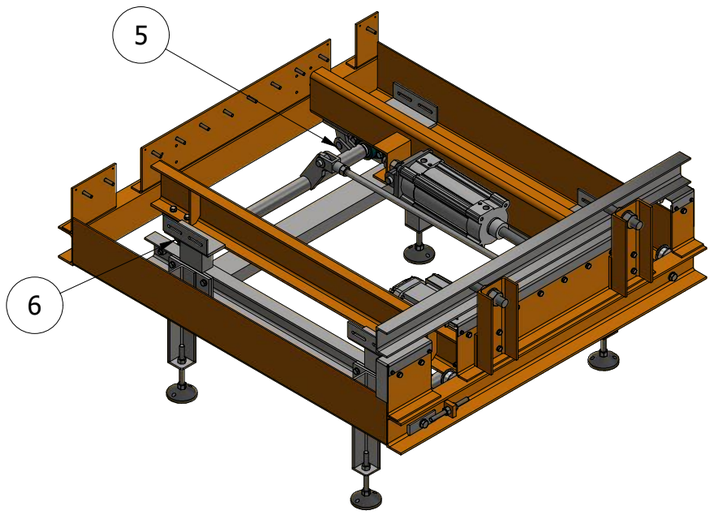
TITLE: A1948-004-01 CHAIN CONVEYORS

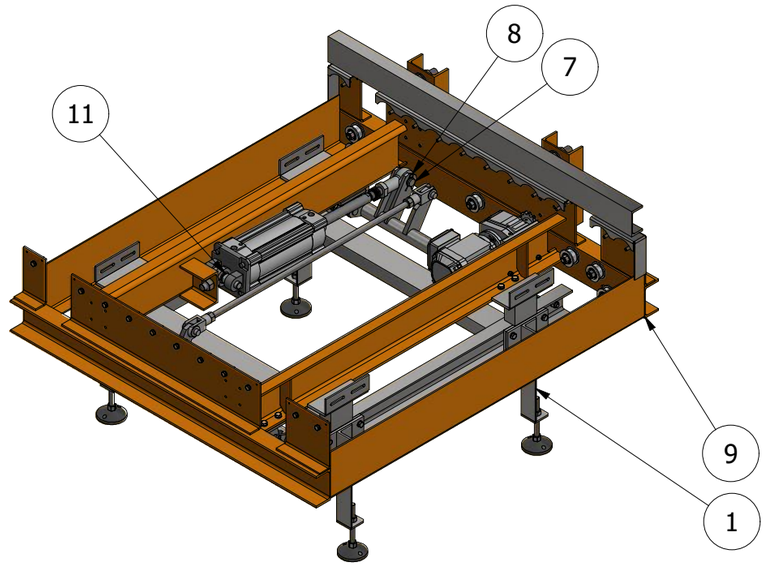
DWG NO: 194804

JOB NO:

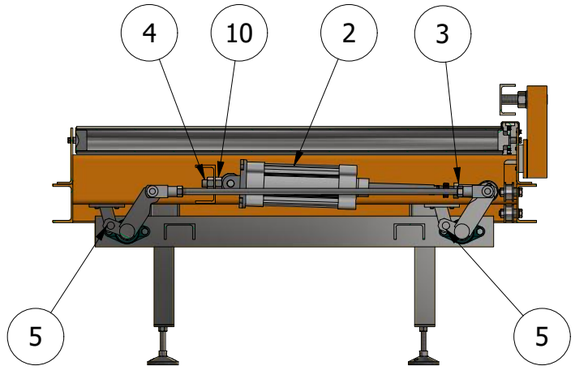
SCALE:	SHEET	SHEET SIZE:	REV:
Noted	2 OF 48	A3	2

DO NOT SCALE DRAWING

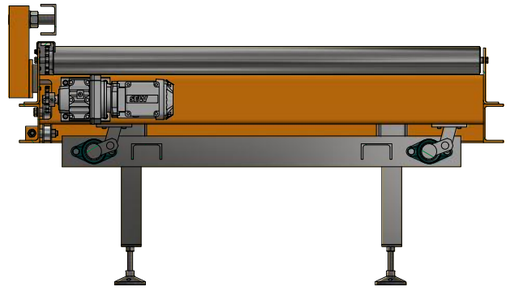




ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
12	A1948-008-01		194811	1
11	25NB PIPE	Steel, Mild	19mm	2
10	AS 1112 - M24 FINE	Steel, Mild	HEX NUT	2
9	A1948-004-02	ASSEMBLY	SHEET 4	1
8	RETAINING CLIP 2	Steel, Mild	SSHEET 19	1
7	P1948-000-25	Steel, Mild	SHEET 19	1
6	RETAINING CLIP	Steel, Mild	SHEET 20	4
5	P1948-000-26	Steel, Mild	SHEET 20	4
4	M2445 MALE ROD END		SMC PNEUMATICS	1
3	KJ27D_D		SMC PNEUMATICS	1
2	CP96SD125-200(200_1_0)	CYLINDER	SMC PNEUMATICS	1
1	A1948-001-01	ASSEMBLY	SHEET 5	1



SECTION N-N
SCALE 1:20



SECTION P-P
SCALE 1:20

PAINT TREATMENT:

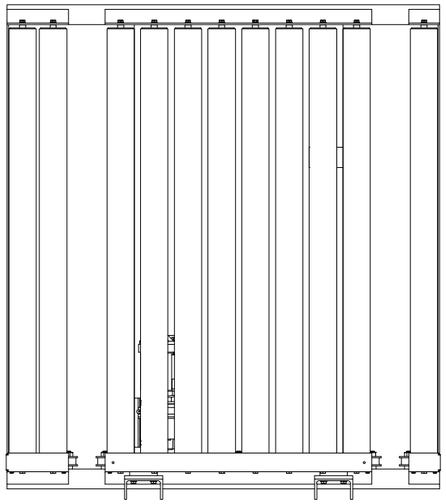
DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

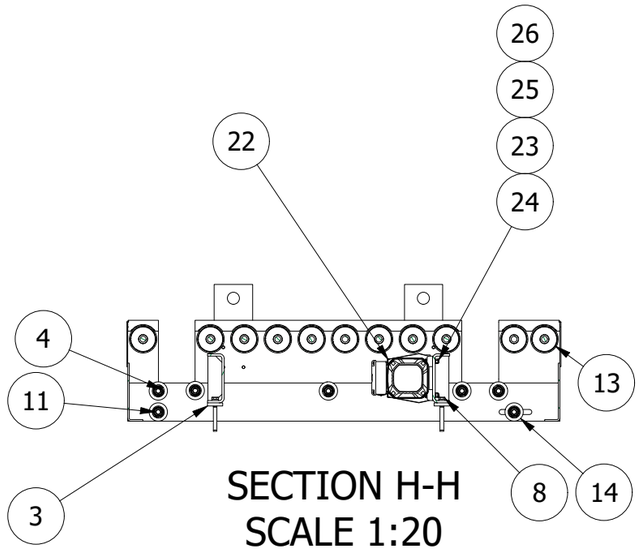
DRAWN: David Bilney
DESIGNED: David Bilney
DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING
TITLE: A1948-004-01 CHAIN CONVEYORS
DWG NO: 194804
JOB NO:
SCALE: Noted
SHEET 3 OF 48
SHEET SIZE: A3
REV: 2

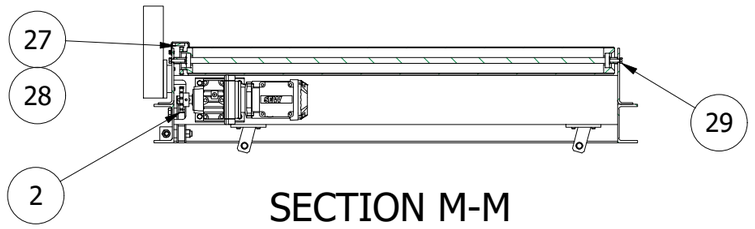
DO NOT SCALE DRAWING



PLAN VIEW
SCALE 1:20



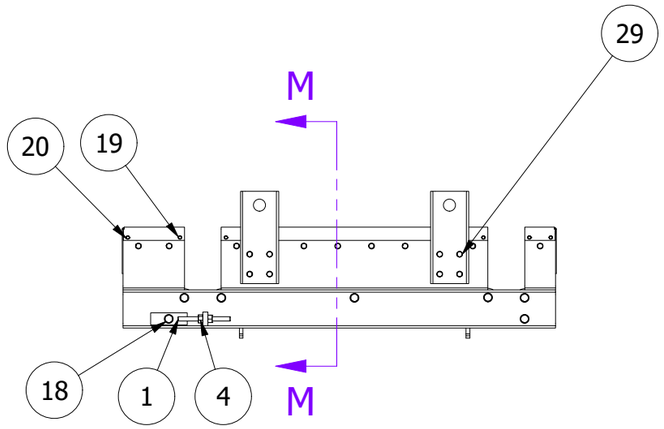
SECTION H-H
SCALE 1:20



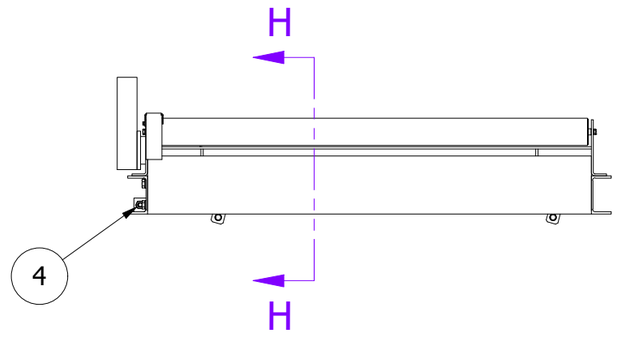
SECTION M-M
SCALE 1:20

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
30	P1948-008-01	Steel, Mild	194811	2
29	AS 1110 - M10 x 45	Steel, Mild		31
28	M8x12	Steel, Mild	SOCKET HEAD C/SUNK SCREW	2
27	P1948-004-12	HDPE	SHEET 48	1
26	AS 1112 - M8	Steel, Mild	HEX NUT	4
25	AS 1968 - 1976 - 8	Steel, Mild	SPRING WASHER	4
24	AS 1110 - M8 x 40	Steel, Mild	HEX HEAD BOLT	4
23	AS 1237 - 8 mm	Steel, Mild	FLAT WASHER	4
22	R37_DRN80MK4	SEW	MOTOR & GEARDRIVE 44RPM	1
21	W1948-004-02	Weldment	SHEET 17	2
20	AS 1110 - M6 x 12	Steel, Mild	HEX HEAD BOLT	6
19	AS 1968 - 1976 - 6	Steel, Mild	SPRING WASHER	6
18	AS 1111 - M16 x 80	Steel, Mild	HEX HEAD BOLT	1
17	P1948-004-09	Steel, Mild	SHEET 46	1
16	P1948-004-08	Steel, Mild	SHEET 45	1
15	P1948-004-07	Steel, Mild	SHEET 44	1
14	A1948-004-03	Assembly	SHEET 5	7
13	A1948-005-01	Assembly	194800	11
12	W1948-004-01	Weldment	SHEET 16	1
11	AS 1110 - M16 x 65	Steel, Mild	HEX HEAD BOLT	6
10	AS 1968 - 1976 - 16	Steel, Mild	SPRING WASHER	7
9	AS 1237 - 16 mm	Steel, Mild	FLAT WASHER	14
8	AS 1110 - M12 x 25	Steel, Mild	HEX HEAD BOLT	8
7	AS 1968 - 1976 - 12	Steel, Mild	SPRING WASHER	8
5	AS 1968 - 1976 - 10	Steel, Mild	SPRING WASHER	31
4	AS 1112 - M16	Steel, Mild	HEX NUT	9
3	W1948-001-06	Weldment	SHEET 11	4
2	14T DRIVE SPROCKET	FENNER 12B1-14	SUIT 25MM SHAFT	1
1	W1948-001-10		SHEET 15	1

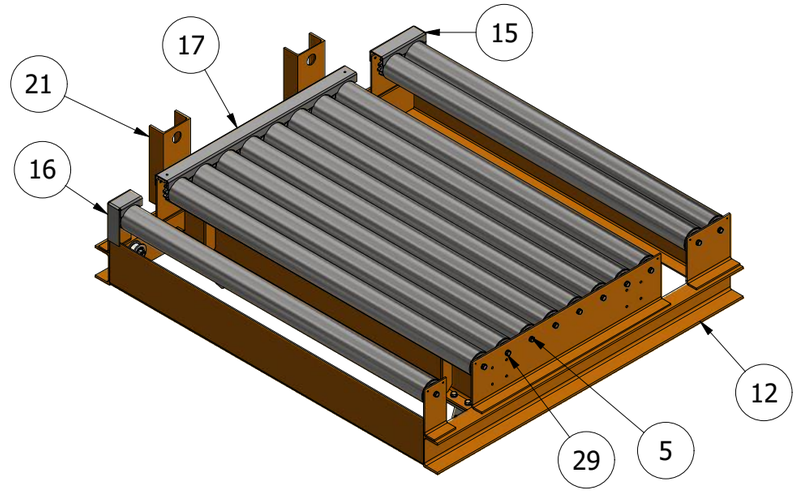
A1948-004-02 - 1 REQ'D AS DRAWN



END VIEW
SCALE 1:20



SIDE VIEW
SCALE 1:20



ISO VIEW
SCALE 1:20

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: A1948-004-02 CHAIN CONVEYORS

DWG NO: 194804

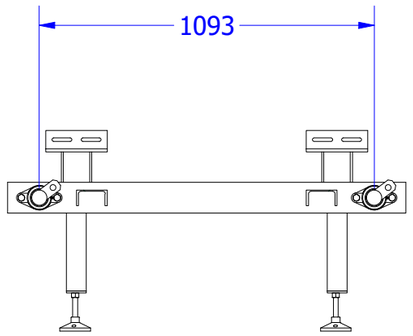
JOB NO:

SCALE: Noted | SHEET 4 OF 48 | SHEET SIZE: A3 | REV: 2

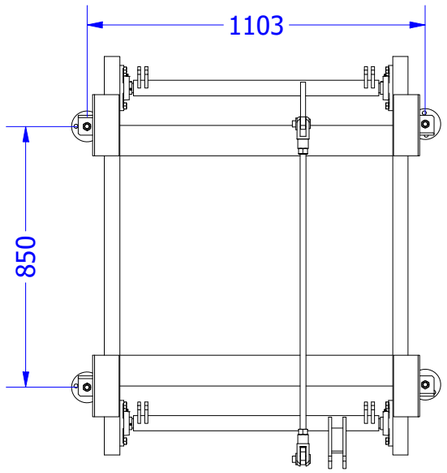
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
13	LVR10016140B	Adjustable Foot	Richmond Castors	4
12	AS 1112 - M14	Steel, Mild	HEX NUT	8
11	AS 1968 - 1976 - 14	Steel, Mild	SPRING WASHER	8
10	M14 x 40	Steel, Mild	HEX HEAD BOLT	8
9	AS 1110 - M12 x 25	Steel, Mild	HEX HEAD BOLT	16
8	AS 1968 - 1976 - 12	Steel, Mild	SPRING WASHER	16
7	AS 1112 - M16	Steel, Mild	HEX NUT	4
6	W1948-001-09	Weldment	SHEET 14	1
5	W1948-001-08	Weldment	SHEET 13	1
4	W1948-001-07	Weldment	SHEET 12	1
3	24215-30206	LDK-FL206 UC206D1	BSC: FL206 PILLOW BLOCK	4
2	W1948-001-05	Weldment	SHEET 10	4
1	W1948-001-04	Weldment	SHEET 9	1

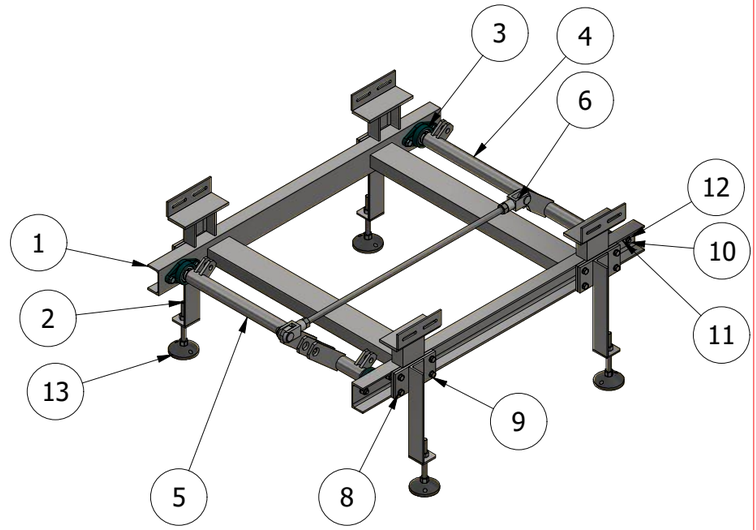
A1948-001-01 - 1 REQ'D AS DRAWN



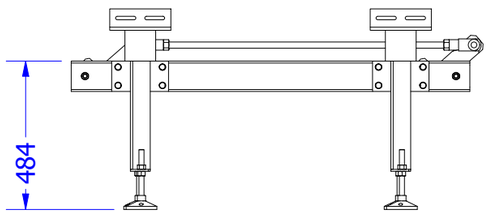
SECTION G-G
SCALE 1:20



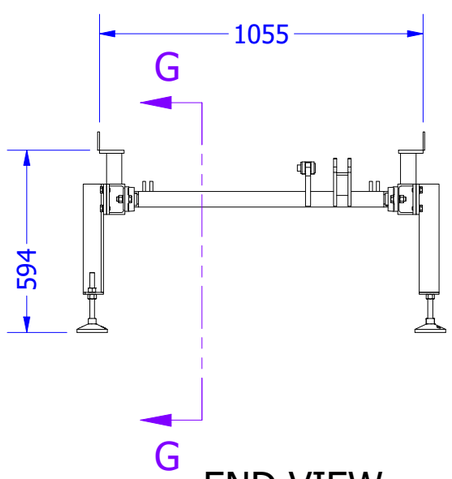
PLAN VIEW
SCALE 1:20



ISO VIEW
SCALE 1:20



SIDE VIEW
SCALE 1:20



END VIEW
SCALE 1:20

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

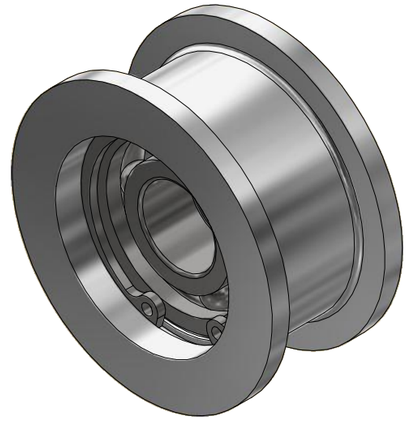
DRAWN: David Bilney
DESIGNED: David Bilney
DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING
TITLE: A1948-001-01 CHAIN CONVEYORS
DWG NO: 194804
JOB NO:
SCALE: Noted | SHEET 5 OF 48 | SHEET SIZE: A3 | REV: 2

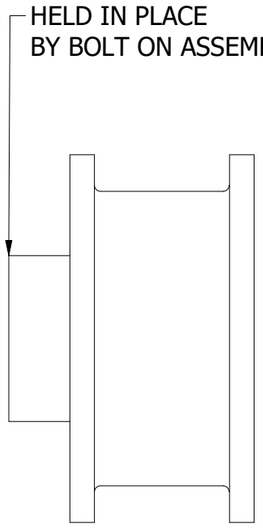
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
4	DIN 472 - 40 x 1.75	Steel, Mild		1
3	SKF 2RS16203-2RS1	Steel, Mild		1
2	P1948-004-06	Steel, Mild	SHEET 43	1
1	P1948-004-05	Steel, Mild	SHEET 42	1

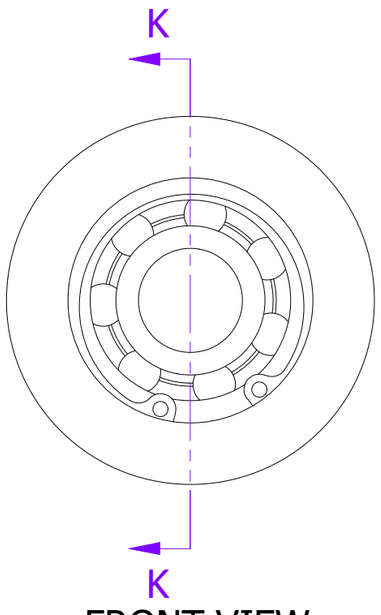
A1948-004-03 - 7 REQ'D AS DRAWN



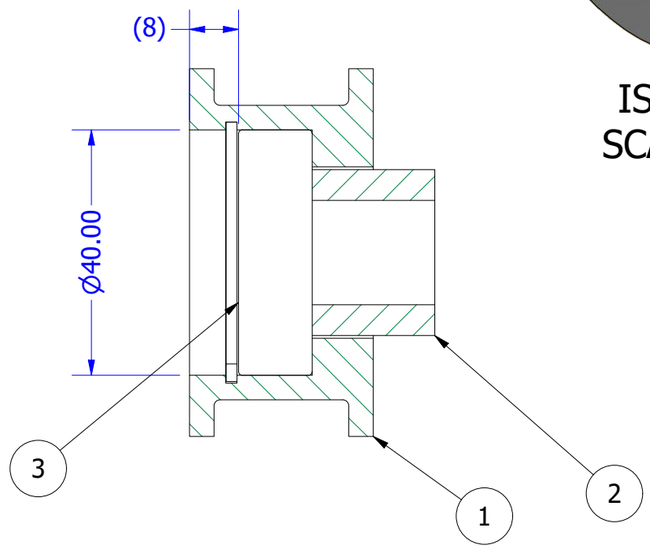
ISO VIEW
SCALE 1 : 1



SIDE VIEW
SCALE 1 : 1



FRONT VIEW
SCALE 1 : 1



SECTION K-K
SCALE 1 : 1

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: A1948-004-03
CHAIN CONVEYORS

DWG NO: 194804

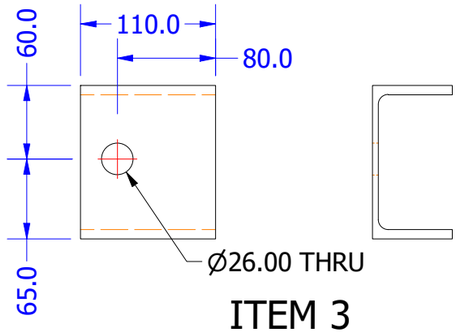
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	6 OF 48	A3	2

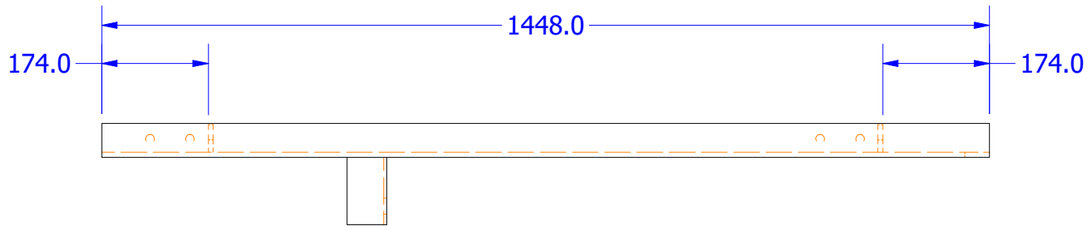
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
3	125PFC @ 110	Steel, Mild		1
2	P1948-001-06	Steel, Mild	SHEET 24	2
1	P1948-001-04	Steel, Mild	SHEET 22	1

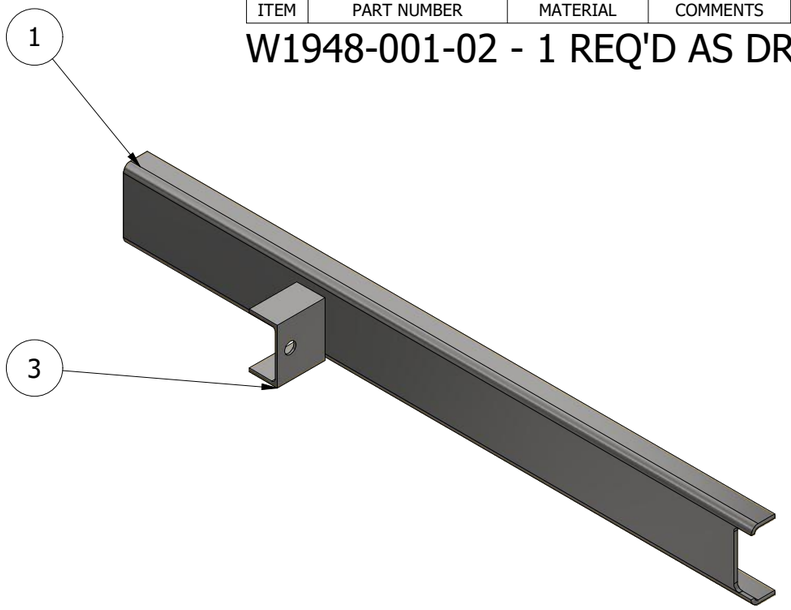
W1948-001-02 - 1 REQ'D AS DRAWN



ITEM 3
SCALE 1:5

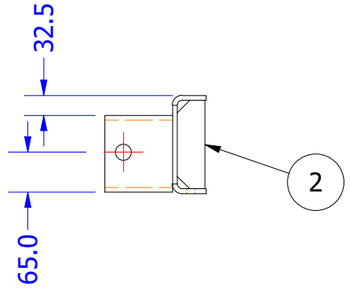


PLAN VIEW
SCALE 1:10



ISO VIEW
SCALE 1:10

FRONT VIEW
SCALE 1:10



END VIEW
SCALE 1:10

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney
DESIGNED: David Bilney
DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING
TITLE: W1948-001-02 CHAIN CONVEYORS
DWG NO: 194804
JOB NO:
SCALE: Noted
SHEET 7 OF 48
SHEET SIZE: A3
REV: 2

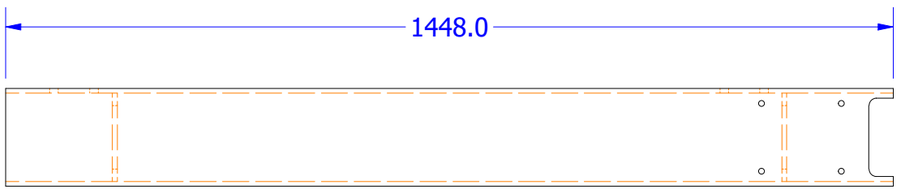
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	P1948-001-06	Steel, Mild	SHEET 24	2
1	P1948-001-05	Steel, Mild	SHEET 23	1

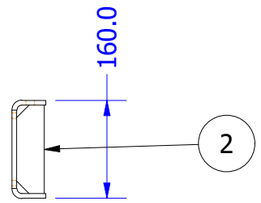
W1948-001-03 - 1 REQ'D AS DRAWN

PLAN VIEW
SCALE 1:10

ISO VIEW
SCALE 1:10



FRONT VIEW
SCALE 1:10



END VIEW
SCALE 1:10

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-001-03 CHAIN CONVEYORS

DWG NO: 194804

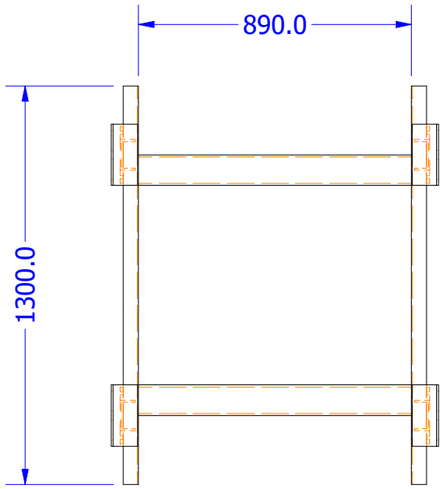
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	8 OF 48	A3	2

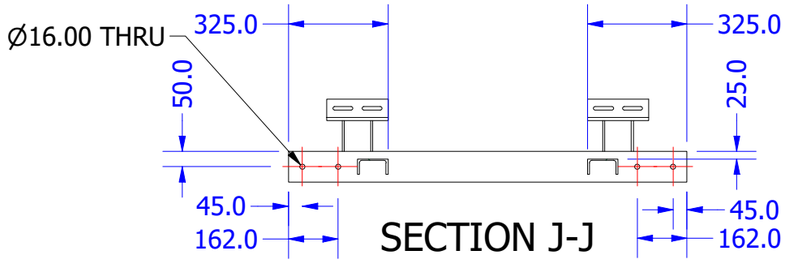
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
6	P1948-001-28	Steel, Mild	SHEET 38	4
5	P1948-001-08	Steel, Mild	SHEET 26	4
4	P1948-001-07	Steel, Mild	SHEET 25	4
3	100PFC @ 100	Steel, Mild		4
2	100PFC @ 890	Steel, Mild		2
1	100PFC @ 1300	Steel, Mild		2

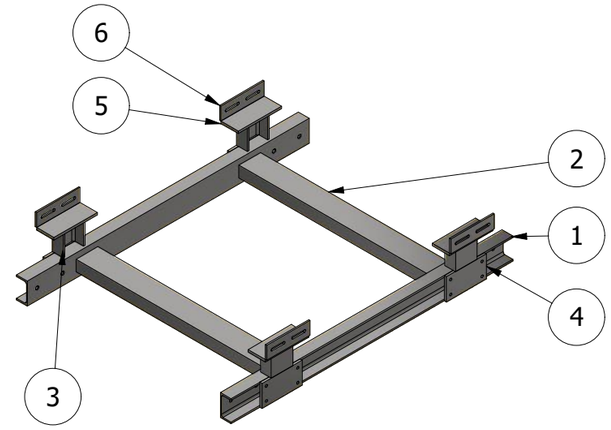
W1948-001-04 - 1 REQ'D AS DRAWN



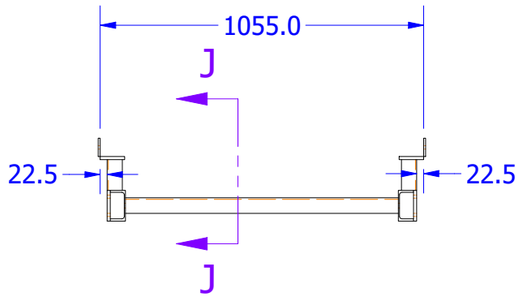
PLAN VIEW
SCALE 1:20



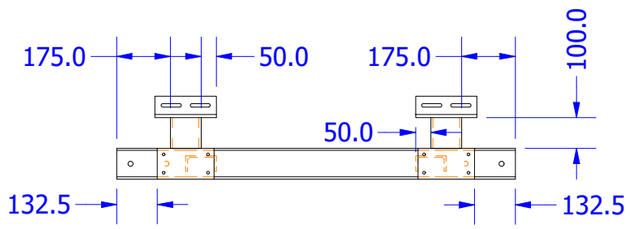
SECTION J-J
SCALE 1:20



ISO VIEW
SCALE 1:20



FRONT VIEW
SCALE 1:20



SIDE VIEW
SCALE 1:20

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

PAINT TREATMENT: TBA

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-001-04 CHAIN CONVEYORS

DWG NO: 194804

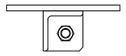
JOB NO:

SCALE: Noted | SHEET 9 OF 48 | SHEET SIZE: A3 | REV: 2

DO NOT SCALE DRAWING

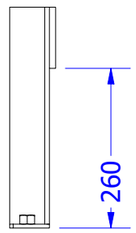
ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
4	AS 1112 - M16	Steel, Mild	HEX NUT	1
3	P1948-000-08	Steel, Mild	SHEET 18	1
2	65x8 EA @ 354	Steel, Mild		1
1	P1948-001-09	Steel, Mild	SHEET 27	1

W1948-001-05 - 4 REQ'D AS DRAWN

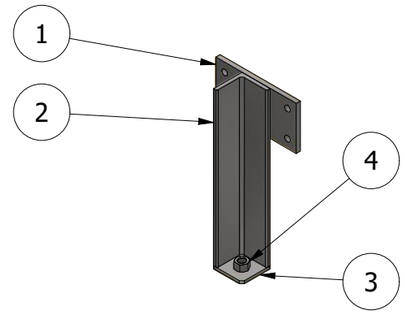


PLAN VIEW
SCALE 1:10

FRONT VIEW
SCALE 1:10



SIDE VIEW
SCALE 1:10



ISO VIEW
SCALE 1:10

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: TBA

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°

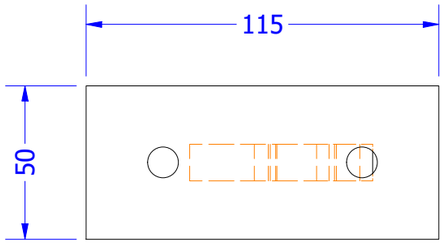
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	
CUSTOMER:	RAB ENGINEERING
DRAWN: David Bilney	
TITLE:	W1948-001-05 CHAIN CONVEYORS
DESIGNED: David Bilney	
DWG NO:	194804
DATE: 22/03/2021	
JOB NO:	
SCALE: Noted	
SHEET 10 OF 48	
SHEET SIZE: A3	
REV: 2	

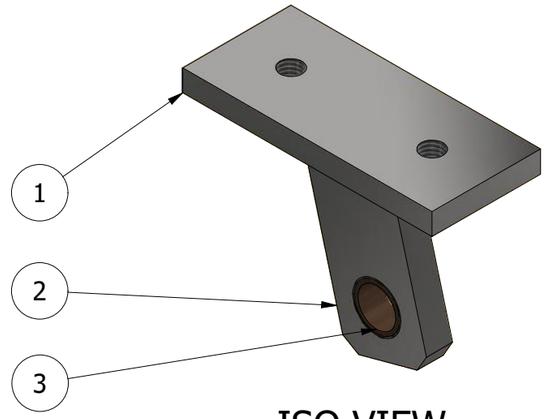
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
3	FB406	Bronze, Cast	FRASER BRONZE BEARINGS	1
2	P1948-001-11	Steel, Mild	SHEET 29	1
1	P1948-001-10	Steel, Mild	SHEET 28	1

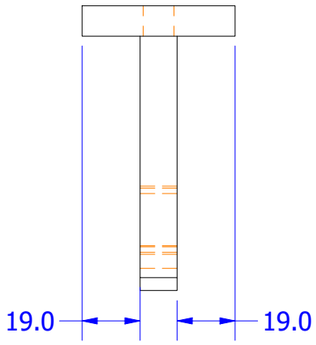
W1948-001-06 - 4 REQ'D AS DRAWN



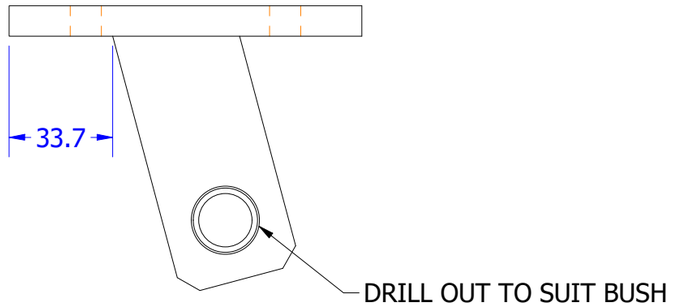
PLAN VIEW
SCALE 1:2



ISO VIEW
SCALE 1:2



END VIEW
SCALE 1:2



SIDE VIEW
SCALE 1:2

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: TBA

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-001-06 CHAIN CONVEYORS

DWG NO: 194804

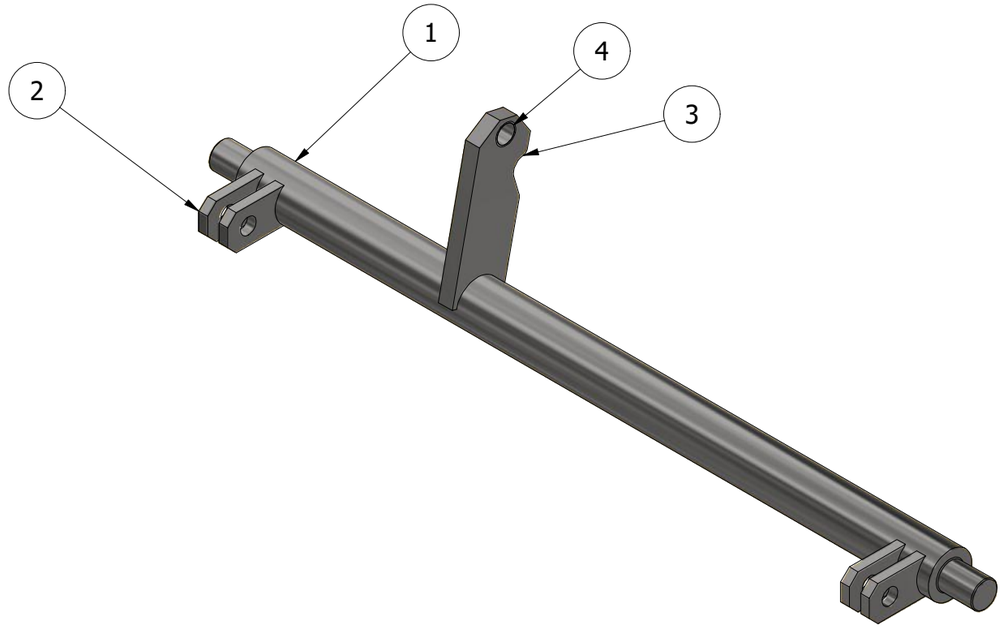
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	11 OF 48	A3	2

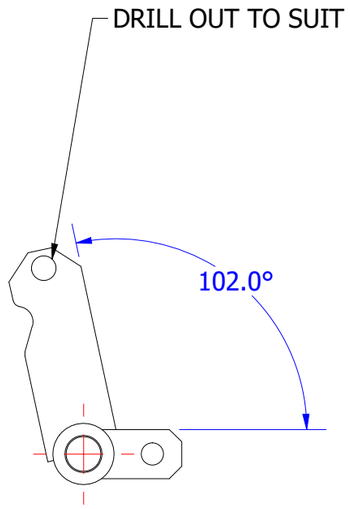
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
4	MB 2015 DU		GLACIER BEARING	1
3	P1948-001-16	Steel, Mild	SHEET 34	1
2	P1948-001-13	Steel, Mild	SHEET 31	4
1	P1948-001-12	Steel, Mild	SHEET 30	1

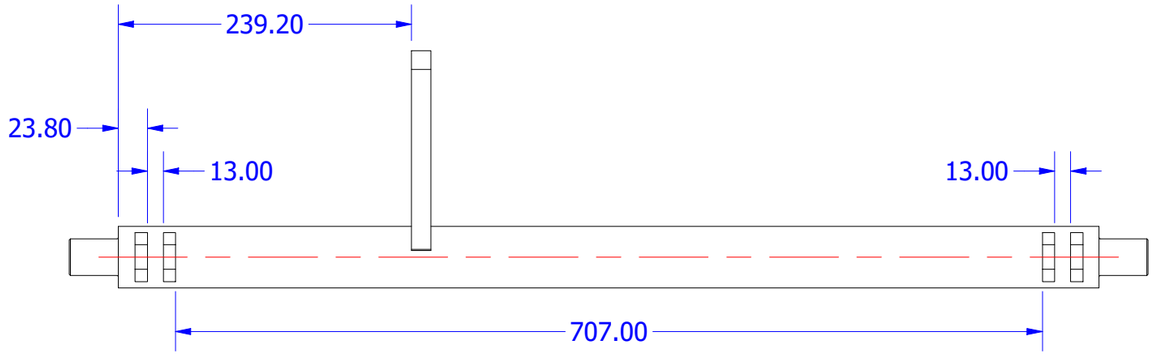
W1948-001-07 - 1 REQ'D AS DRAWN



ISO VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: TBA

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-001-07 CHAIN CONVEYORS

DWG NO: 194804

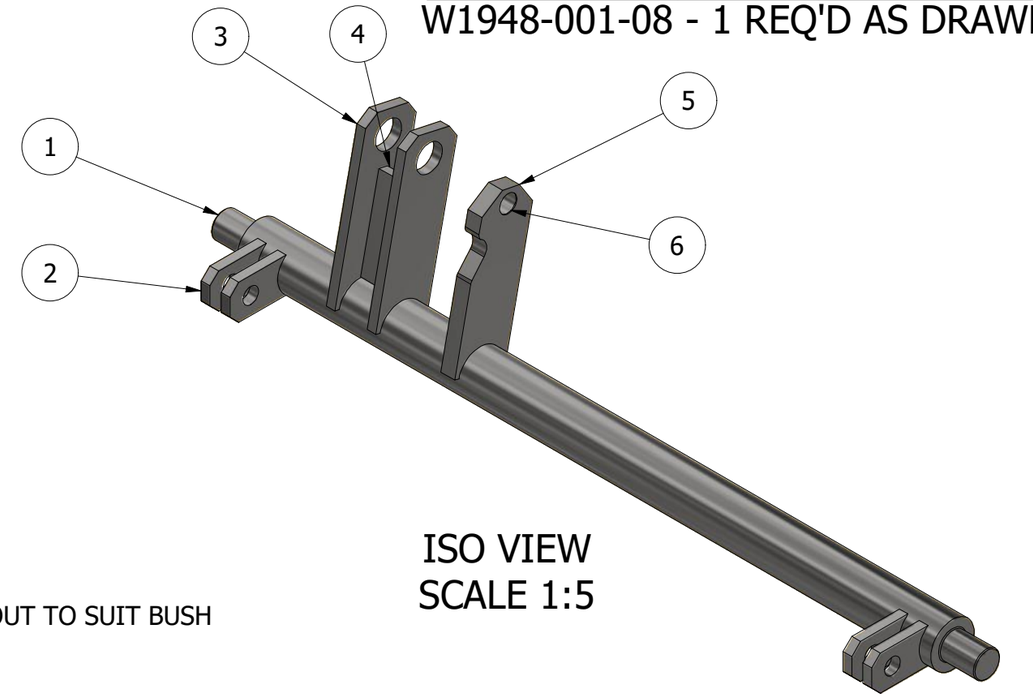
JOB NO:

SCALE: Noted | SHEET 12 OF 48 | SHEET SIZE: A3 | REV: 2

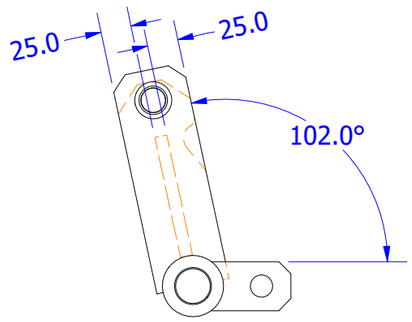
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
6	MB 2015 DU		GLACIER BUSH	1
5	P1948-001-16	Steel, Mild	SHEET 34	1
4	P1948-001-15	Steel, Mild	SHEET 33	1
3	P1948-001-14	Steel, Mild	SHEET 32	2
2	P1948-001-13	Steel, Mild	SHEET 31	4
1	P1948-001-12	Steel, Mild	SHEET 30	1

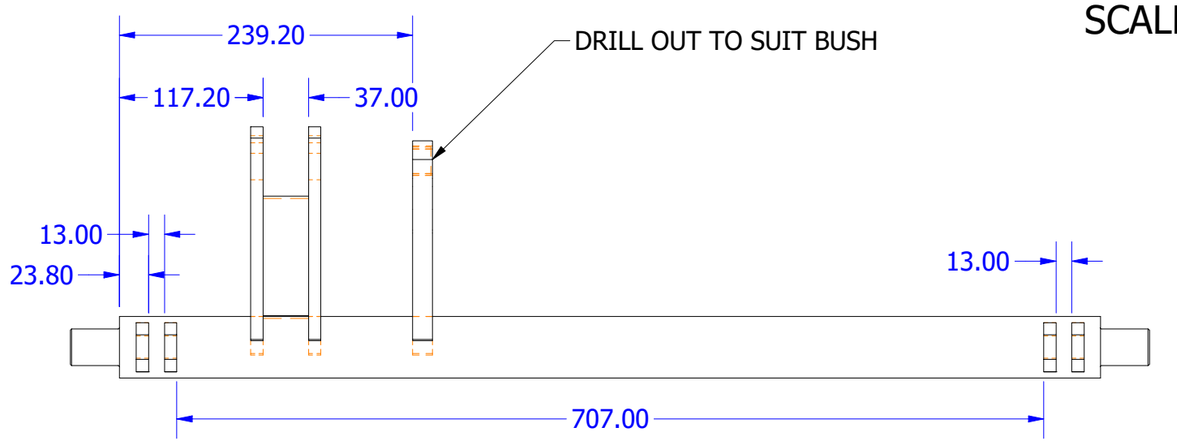
W1948-001-08 - 1 REQ'D AS DRAWN



ISO VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

PAINT TREATMENT: TBA

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-001-08 CHAIN CONVEYORS

DWG NO: 194804

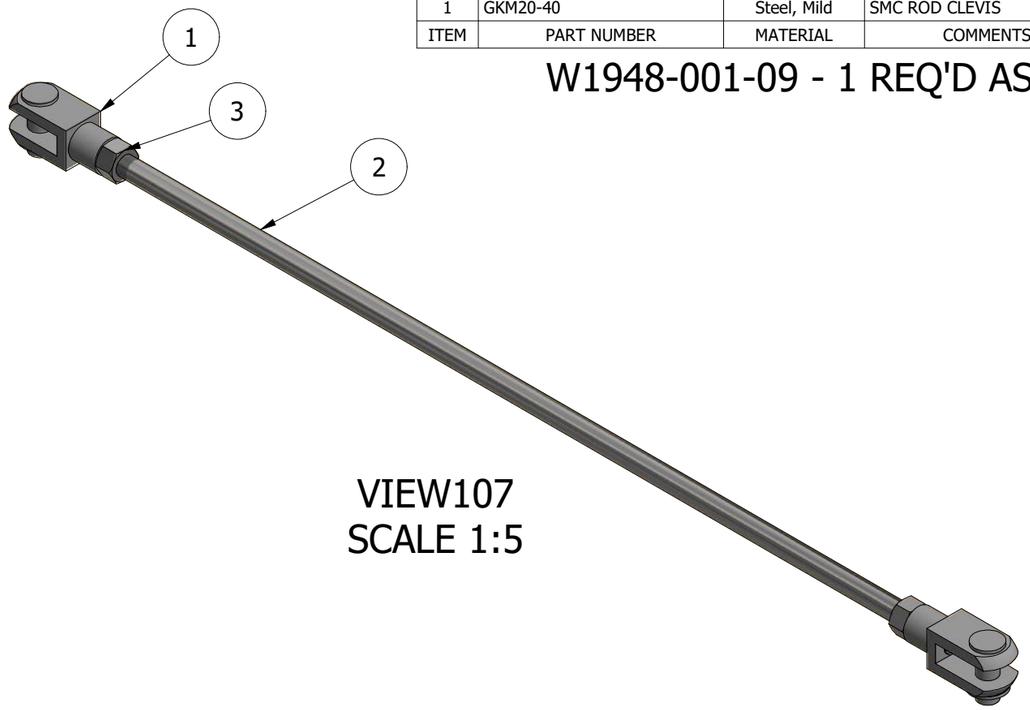
JOB NO:

SCALE: Noted | SHEET 13 OF 48 | SHEET SIZE: A3 | REV: 2

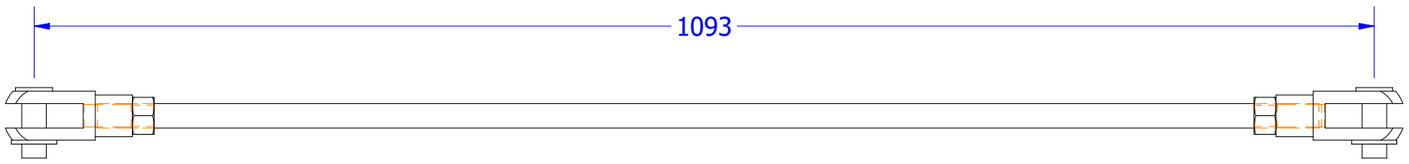
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
3	AS 1112 - M20 FINE	Steel, Mild	HEX NUT	2
2	P1948-001-17	Steel, Mild	SHEET 35	1
1	GKM20-40	Steel, Mild	SMC ROD CLEVIS	2

W1948-001-09 - 1 REQ'D AS DRAWN



VIEW107
SCALE 1:5



PLAN VIEW
SCALE 1:5

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: TBA

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-001-09 CHAIN CONVEYORS

DWG NO: 194804

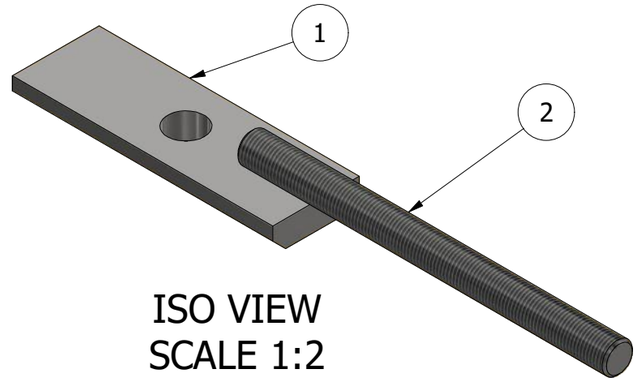
JOB NO:

SCALE: Noted | SHEET 14 OF 48 | SHEET SIZE: A3 | REV: 2

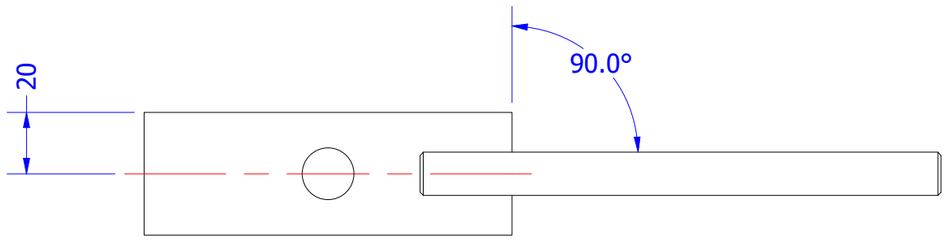
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	M16 ALL THREAD	Steel, Mild	170 LONG	1
1	P1948-001-27	Steel, Mild	SHEET 37	1

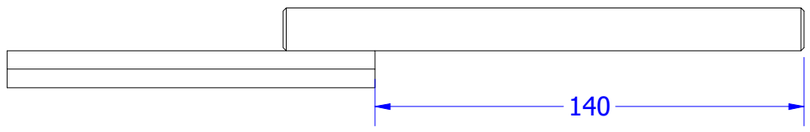
W1948-001-10 - 1 REQ'D AS DRAWN



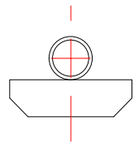
ISO VIEW
SCALE 1:2



PLAN VIEW
SCALE 1:2



SIDE VIEW
SCALE 1:2



END VIEW
SCALE 1:2

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: ZINC PLATE

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-001-10 CHAIN CONVEYORS

DWG NO: 194804

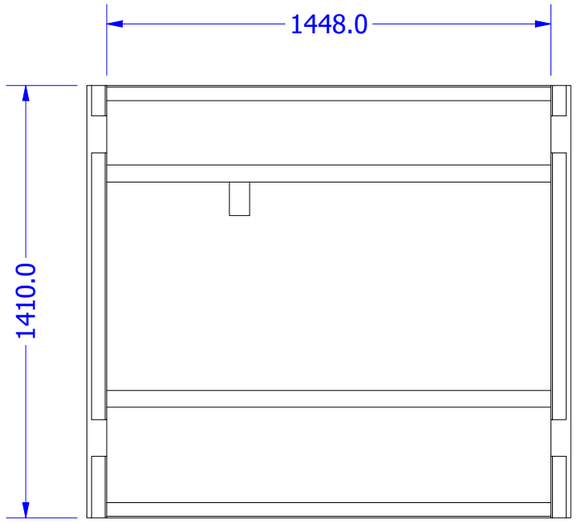
JOB NO:

SCALE: Noted | SHEET 15 OF 48 | SHEET SIZE: A3 | REV: 2

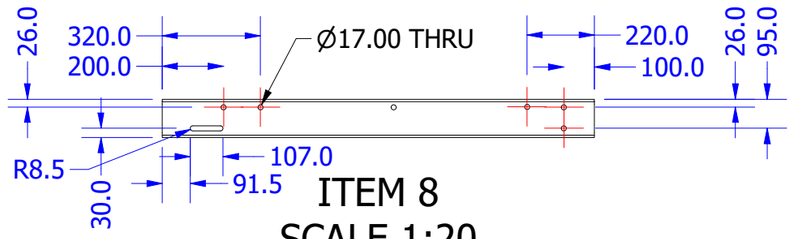
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
9	125PFC @ 1410	Steel, Mild		1
8	125PFC @ 1410	Steel, Mild		1
7	P1948-004-03	Steel, Mild	SHEET 41	2
6	P1948-004-02	Steel, Mild	SHEET 40	2
5	P1948-004-01	Steel, Mild	SHEET 39	2
4	P1948-001-26	Steel, Mild	SHEET 36	1
3	W1948-001-03	Weldment	SHEET 8	1
2	W1948-001-02	Weldment	SHEET 7	1
1	P1948-001-01	Steel, Mild	SHEET 21	2

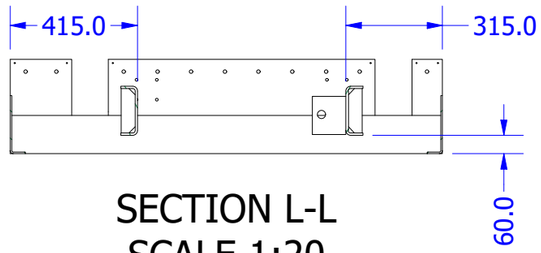
W1948-004-01 - 1 REQ'D AS DRAWN



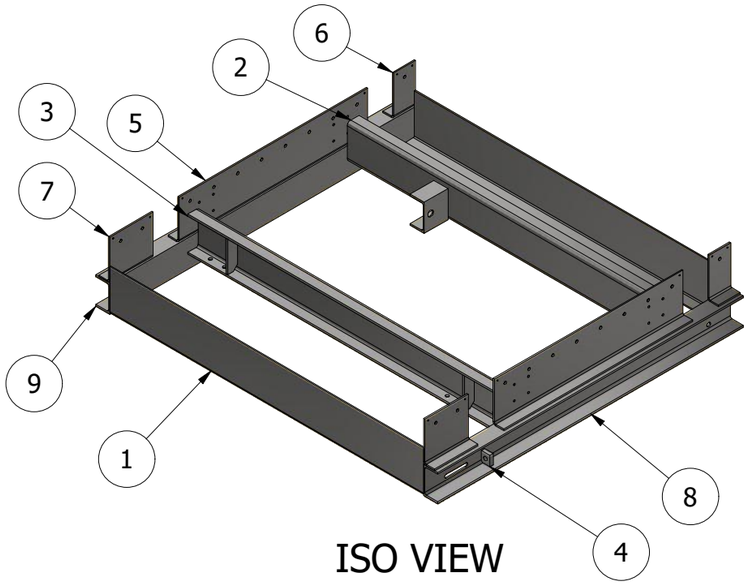
PLAN VIEW
SCALE 1:20



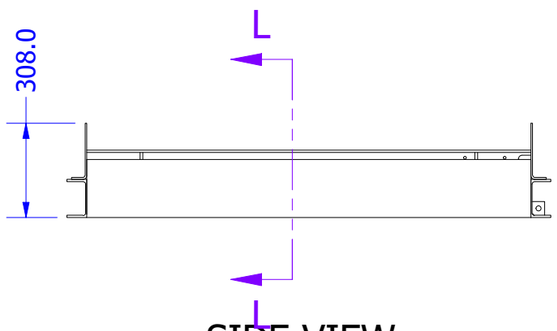
ITEM 8
SCALE 1:20



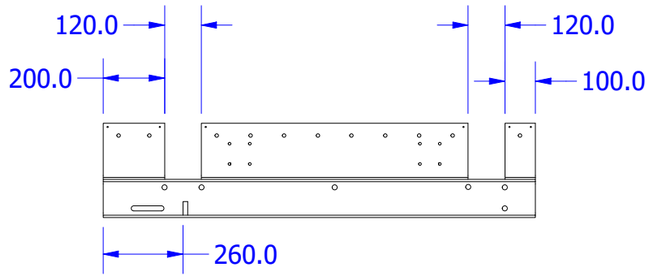
SECTION L-L
SCALE 1:20



ISO VIEW
SCALE 1:20



SIDE VIEW
SCALE 1:20



FRONT VIEW
SCALE 1:20

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: TBA

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-004-01 CHAIN CONVEYORS

DWG NO: 194804

JOB NO:

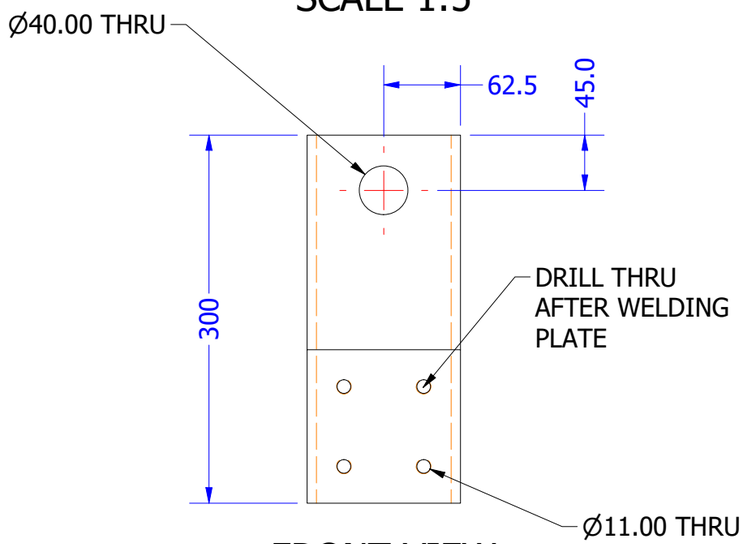
SCALE: Noted | SHEET 16 OF 48 | SHEET SIZE: A3 | REV: 2

DO NOT SCALE DRAWING

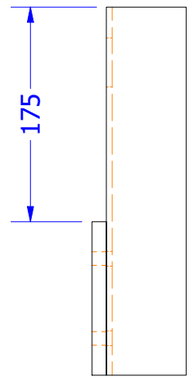
ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	P1948-004-10	Steel, Mild	SHEET 47	1
1	125PFC @ 300	Steel, Mild		1

W1948-004-02 - 2 REQ'D AS DRAWN

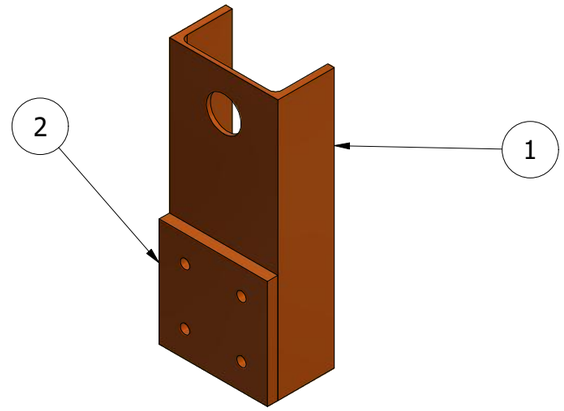
PLAN VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: TBA

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-004-02 CHAIN CONVEYORS

DWG NO: 194804

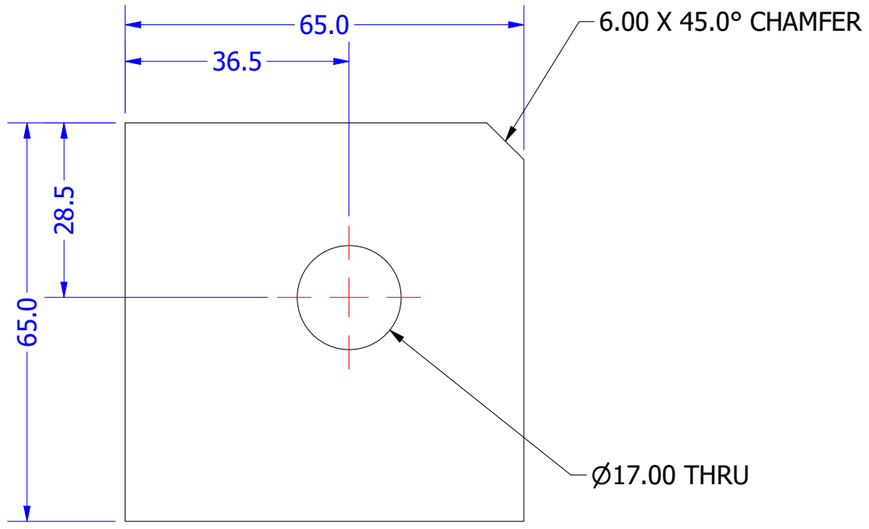
JOB NO:

SCALE: Noted | SHEET 17 OF 48 | SHEET SIZE: A3 | REV: 2

DO NOT SCALE DRAWING

6mm PLATE @ 65 X 65	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-08 - 4 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-08 CHAIN CONVEYORS

DWG NO: 194801/18

JOB NO:

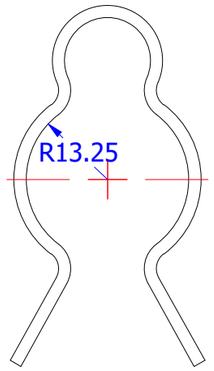
SCALE:	SHEET	SHEET SIZE:	REV:
Noted	18 OF 48	A3	2

DO NOT SCALE DRAWING

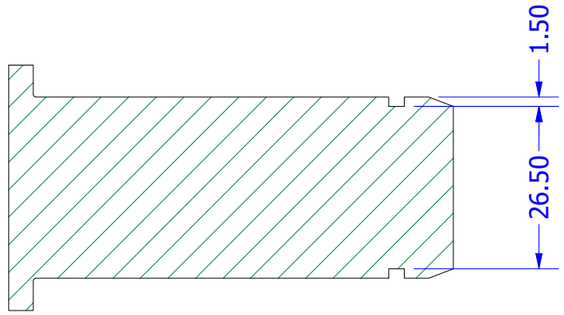
40 RND BAR @ 75	Steel, Mild	AS1444-1996-4140
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-25 - 1 REQ'D AS DRAWN

* CHECK AVAILABILITY OF OFF THE SHELF COMPONENT

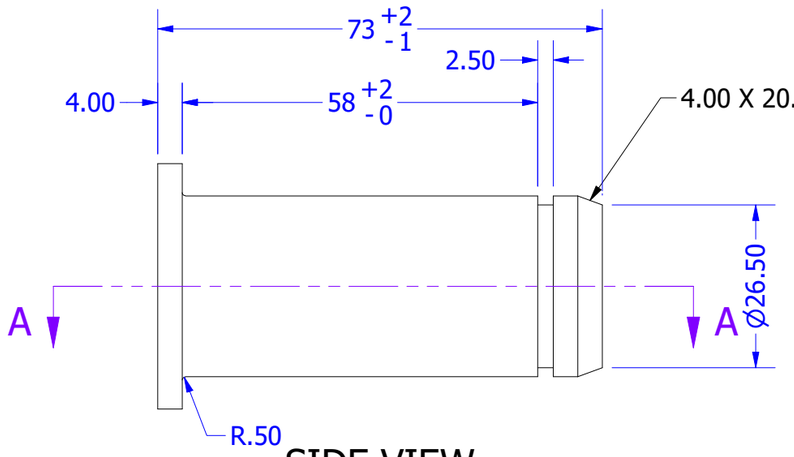


RETAINING CLIP TO SUIT PIN
SCALE 1 : 1

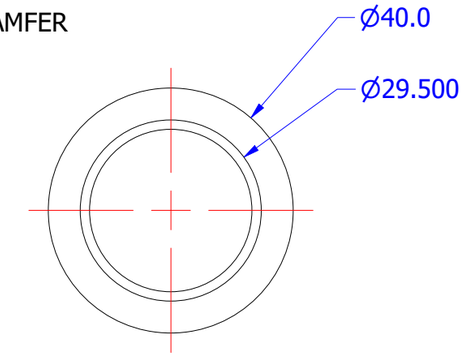


SECTION A-A
SCALE 1 : 1

ISO VIEW
SCALE 1 : 1



SIDE VIEW
SCALE 1 : 1



END VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: ZINC PLATE

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-25 CHAIN CONVEYORS

DWG NO: 194804

JOB NO:

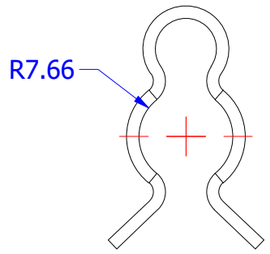
SCALE: Noted | SHEET 19 OF 48 | SHEET SIZE: A3 | REV: 2

DO NOT SCALE DRAWING

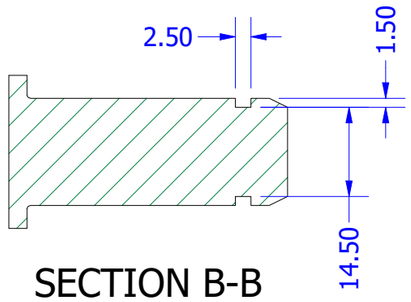
25 RND BAR @ 40mm	Steel, Mild	AS1444-1996-4140
DESCRIPTION	MATERIAL	COMMENTS

P1948-000-26 - 4 REQ'D AS DRAWN

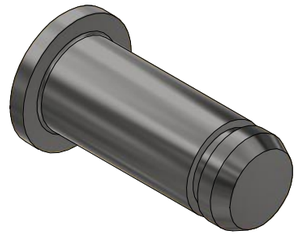
*CHECK AVAILABILITY OF OFF THE SHELF ITEM



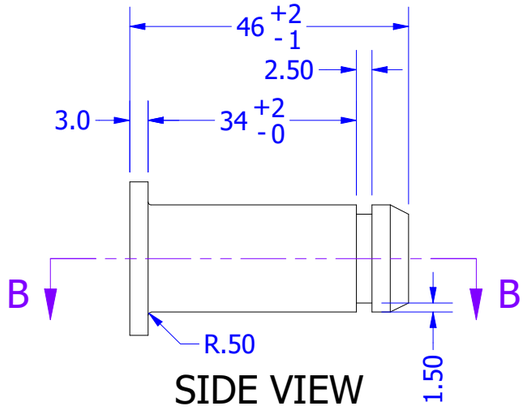
RETAINING CLIP TO SUIT PIN
SCALE 1 : 1



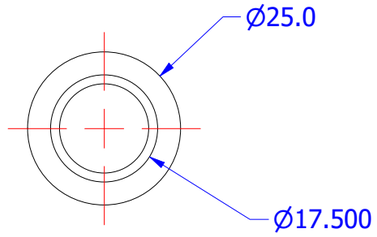
SECTION B-B
SCALE 1 : 1



ISO VIEW
SCALE 1 : 1



SIDE VIEW
SCALE 1 : 1



END VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: ZINC PLATE

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-000-26 CHAIN CONVEYORS

DWG NO: 194804

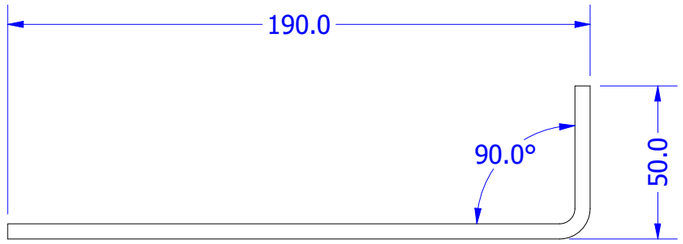
JOB NO:

SCALE: Noted | SHEET 20 OF 48 | SHEET SIZE: A3 | REV: 2

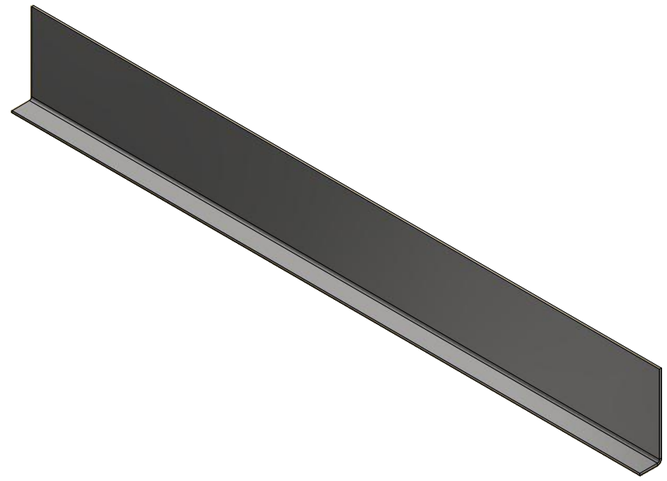
DO NOT SCALE DRAWING

5mm PLATE @ 1448 X 232	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

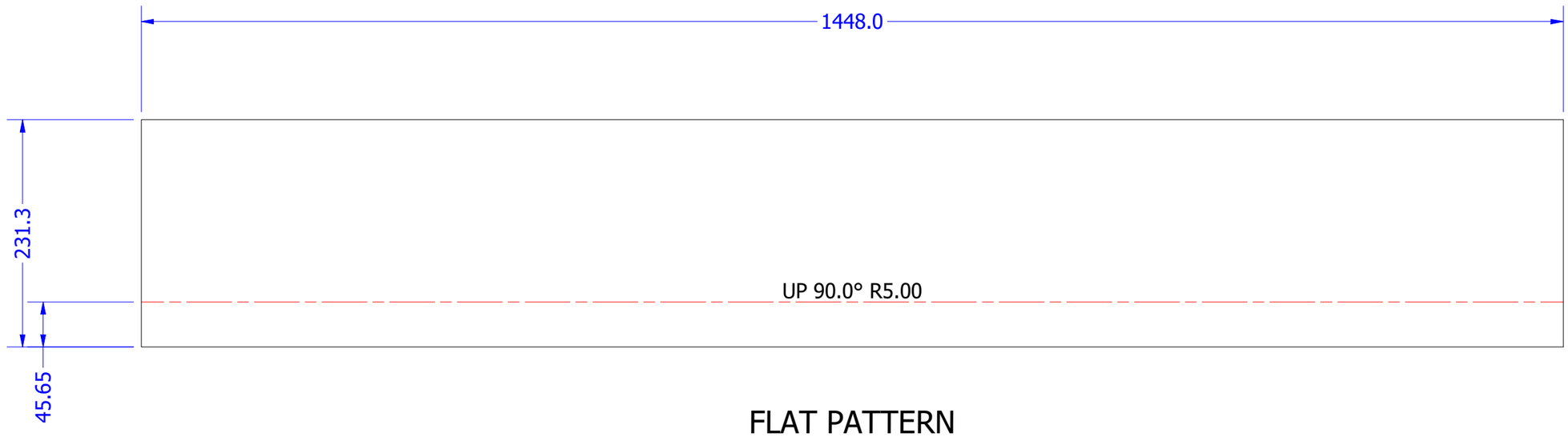
P1948-001-01 - 2 REQ'D AS DRAWN



END VIEW - FOLDED
SCALE 1:2



ISO VIEW
SCALE 1:10



FLAT PATTERN
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-01 CHAIN CONVEYORS

DWG NO: 194804

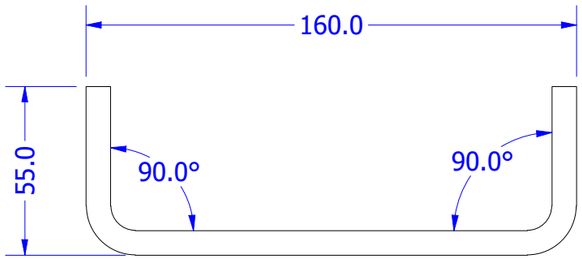
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	21 OF 48	A3	2

DO NOT SCALE DRAWING

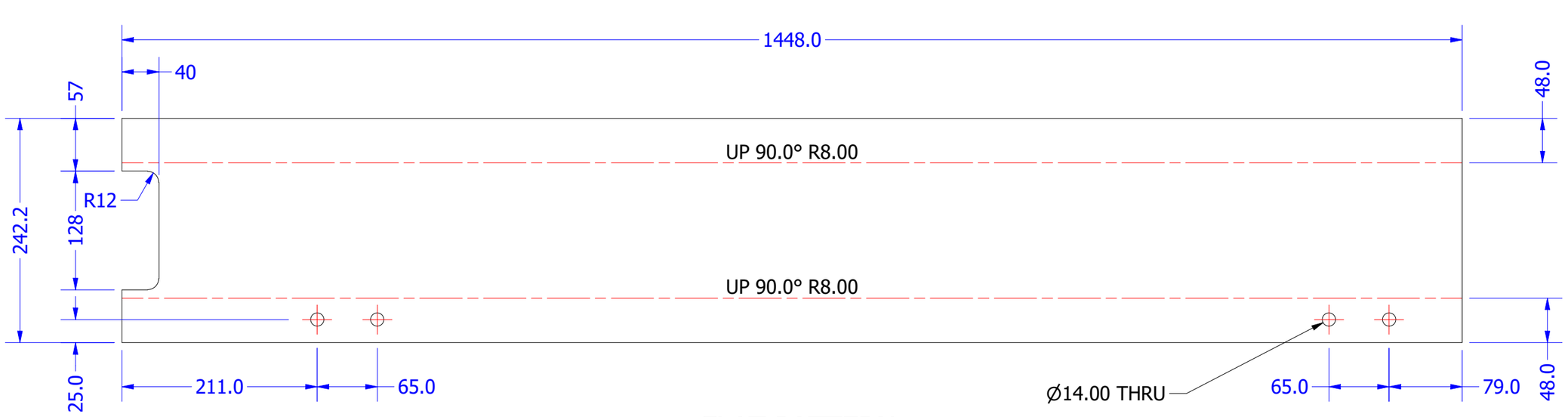
8mm PLATE @ 1448 X 272	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-04 - 1 REQ'D AS DRAWN



FOLDED SECTION
SCALE 1:2

ISO VIEW
SCALE 1:10



FLAT PATTERN
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-04
CHAIN CONVEYORS

DWG NO: 194804

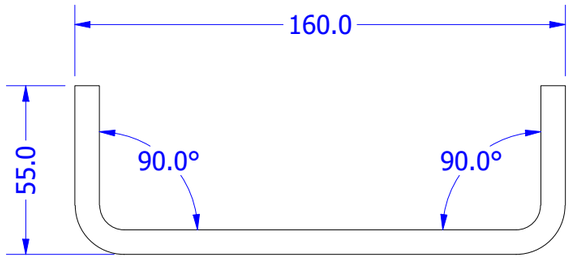
JOB NO:

SCALE: Noted | SHEET 22 OF 48 | SHEET SIZE: A3 | REV: 2

DO NOT SCALE DRAWING

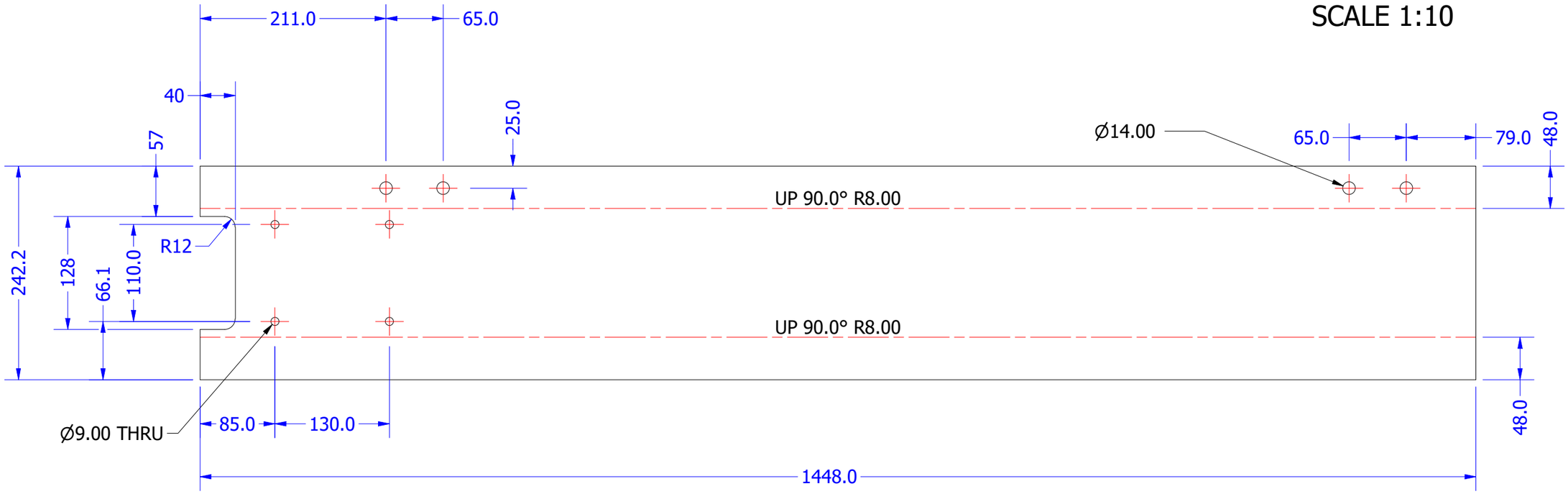
8mm PLATE @ 1448 X 242	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-05 - 1 REQ'D AS DRAWN



FOLDED SECTION
SCALE 1:2

ISO VIEW
SCALE 1:10



FLAT PATTERN
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

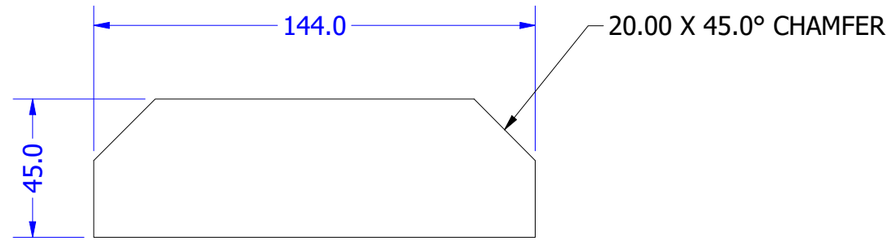
DRAWN: David Bilney
DESIGNED: David Bilney
DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING
TITLE: P1948-001-05 CHAIN CONVEYORS
DWG NO: 194804
JOB NO:
SCALE: Noted
SHEET 23 OF 48
SHEET SIZE: A3
REV: 2

DO NOT SCALE DRAWING

8mm PLATE @ 144 X 45	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-06 - 4 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-06 CHAIN CONVEYORS

DWG NO: 194804

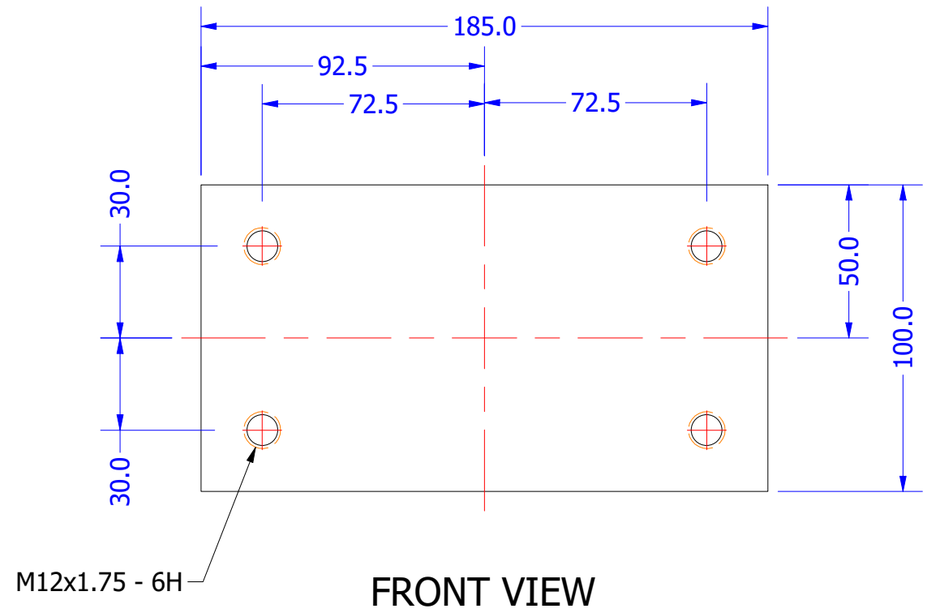
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	24 OF 48	A3	2

DO NOT SCALE DRAWING

100x10 FMS @ 185	Steel, Mild	AS3679 - GR300
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-07 - 4 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-07 CHAIN CONVEYORS

DWG NO: 194804

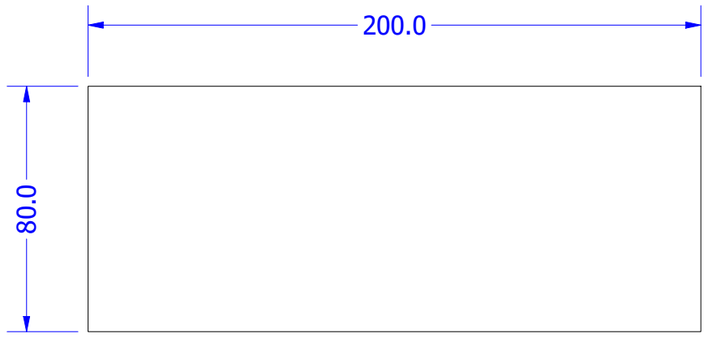
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	25 OF 48	A3	2

DO NOT SCALE DRAWING

10mm PLATE @ 200 X 80	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-08 - 4 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-08 CHAIN CONVEYORS

DWG NO: 194804

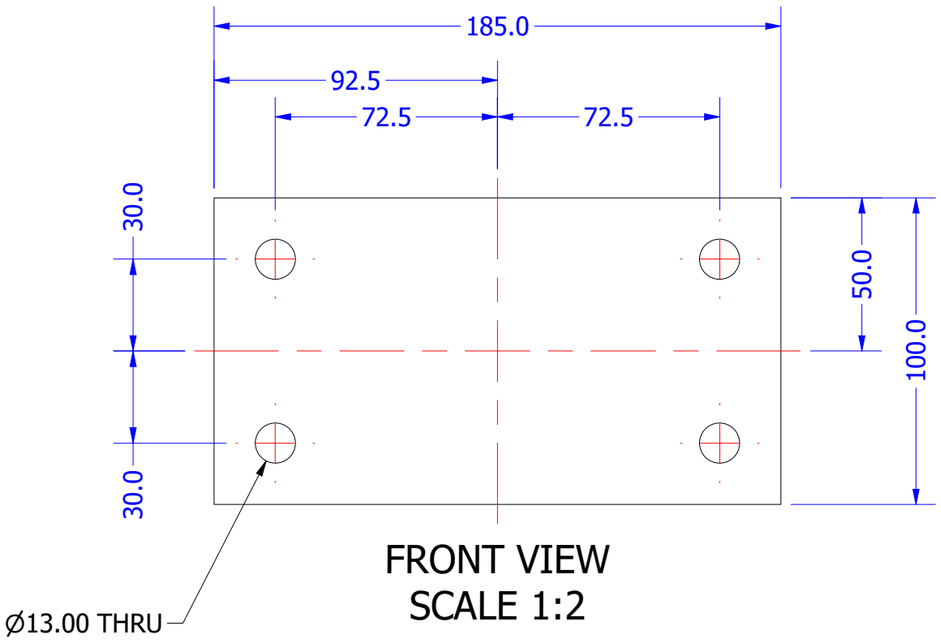
JOB NO:

SCALE: Noted | SHEET 26 OF 48 | SHEET SIZE: A3 | REV: 2

DO NOT SCALE DRAWING

100 x 10 FMS @ 185	Steel, Mild	AS3679 - GR300
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-09 - 4 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	=	± .5 mm	X	=	± 1°
X.XX	=	± .25 mm	X.X	=	± .5°
X.XXX	=	± .125 mm	X.XX	=	± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-09 CHAIN CONVEYORS

DWG NO: 194804

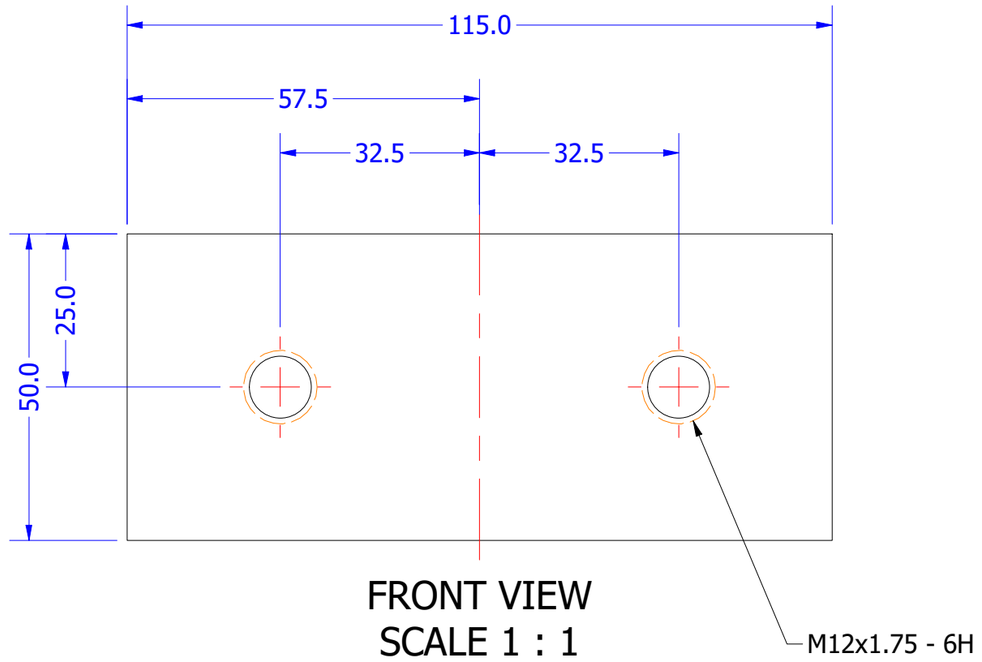
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	27 OF 48	A3	2

DO NOT SCALE DRAWING

50 x 10 FMS @ 115	Steel, Mild	AS3679 - GR300
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-10 - 4 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-10 CHAIN CONVEYORS

DWG NO: 194804

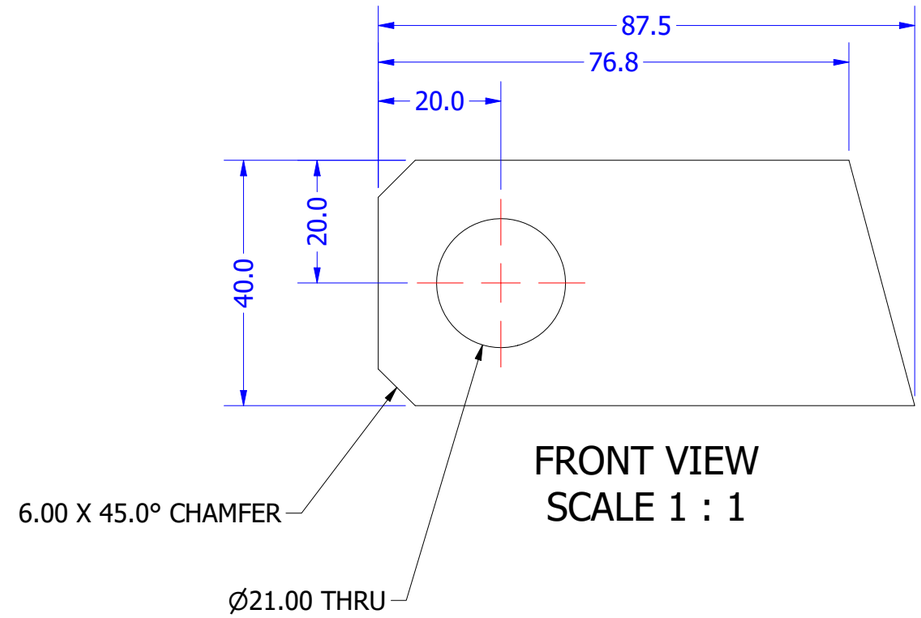
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	28 OF 48	A3	2

DO NOT SCALE DRAWING

12mm PLATE @ 87 X 40	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-11 - 4 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-11 CHAIN CONVEYORS

DWG NO: 194804

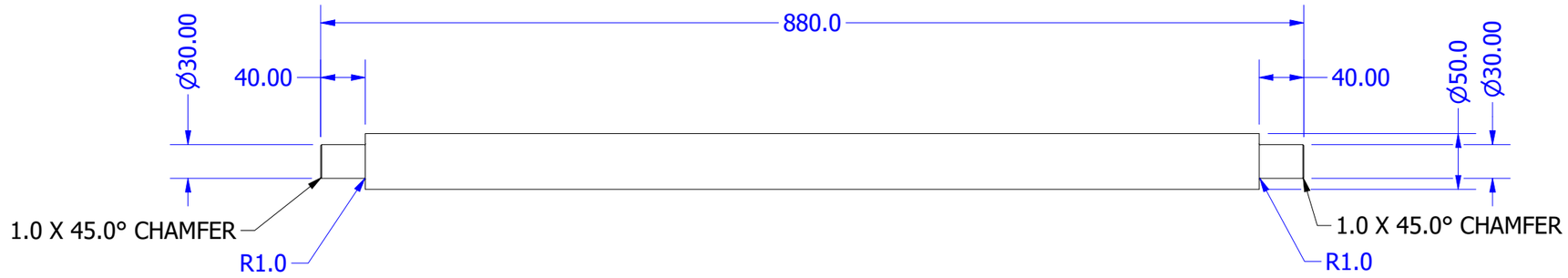
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	29 OF 48	A3	2

DO NOT SCALE DRAWING

50 RND BAR @ 880mm	Steel, Mild	AS1443 1040
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-12 - 2 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-12 CHAIN CONVEYORS

DWG NO: 194804

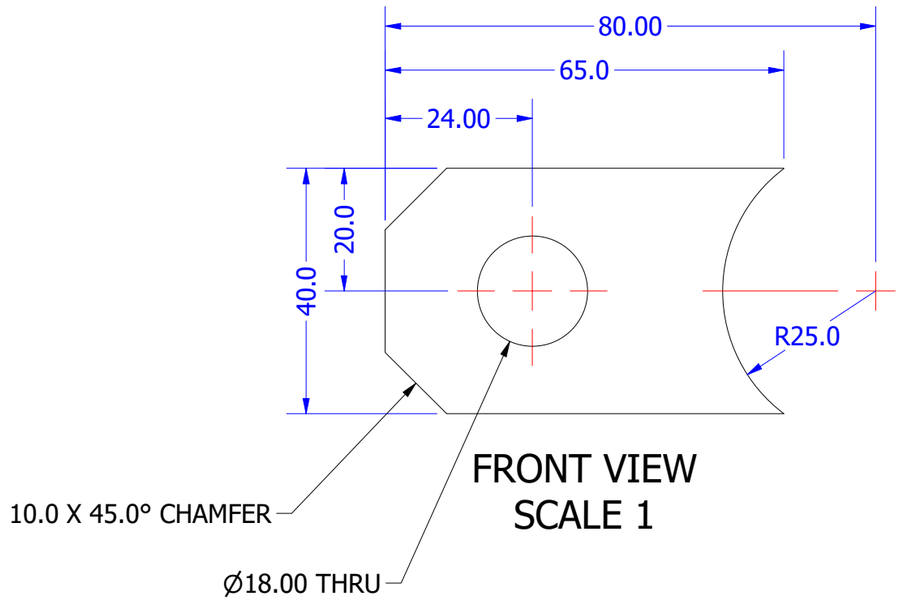
JOB NO:

SCALE: Noted | SHEET 30 OF 48 | SHEET SIZE: A3 | REV: 2

DO NOT SCALE DRAWING

10mm PLATE @ 65 X 40	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-13 - 8 REQ'D AS DRAWN



FRONT VIEW
SCALE 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

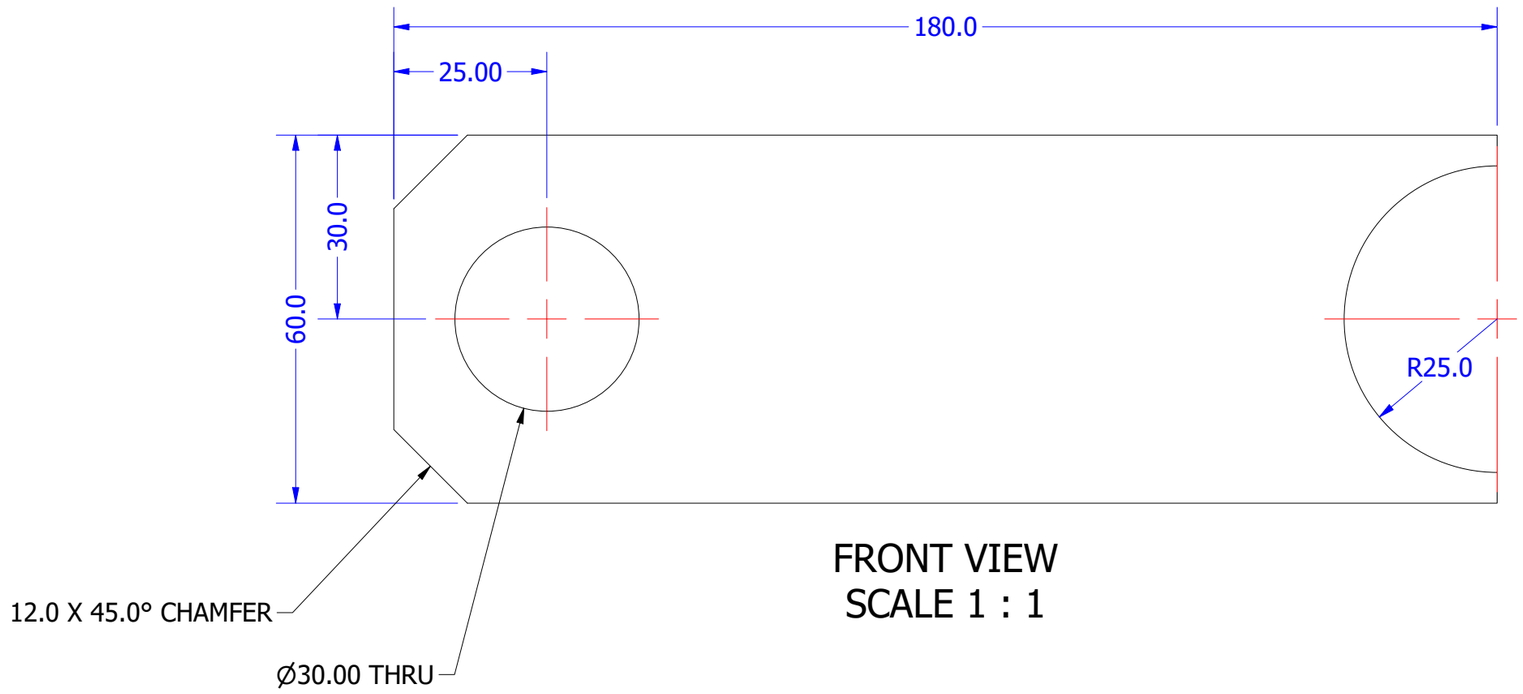
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	CUSTOMER:	RAB ENGINEERING			
DRAWN: David Bilney	TITLE:	P1948-001-13 CHAIN CONVEYORS			
DESIGNED: David Bilney	DWG NO:	194804			
DATE: 22/03/2021	JOB NO:	SCALE: Noted	SHEET 31 OF 48	SHEET SIZE: A3	REV: 2

DO NOT SCALE DRAWING

10mm PLATE @ 180 X 60	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-14 - 2 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-14 CHAIN CONVEYORS

DWG NO: 194804

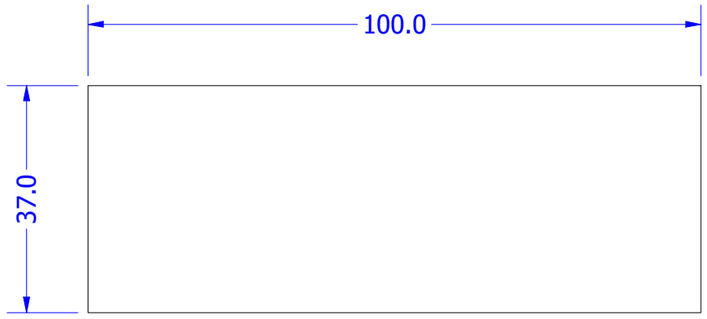
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	32 OF 48	A3	2

DO NOT SCALE DRAWING

10mm PLATE @ 100 X 37	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-15 - 1 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-15 CHAIN CONVEYORS

DWG NO: 194804

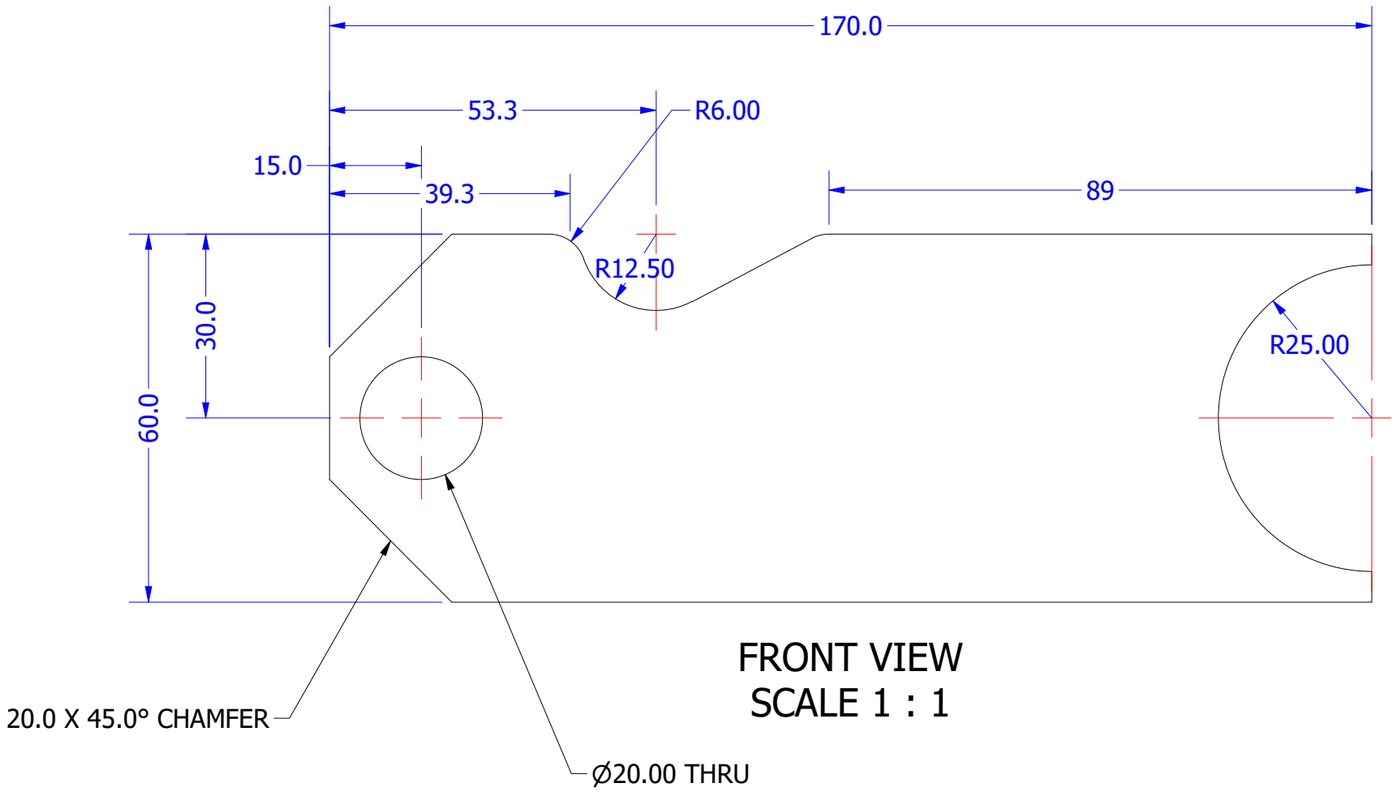
JOB NO:

SCALE: Noted | SHEET 33 OF 48 | SHEET SIZE: A3 | REV: 2

DO NOT SCALE DRAWING

16mm PLATE @ 170 X 60	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-16 - 2 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.25 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-16 CHAIN CONVEYORS

DWG NO: 194804

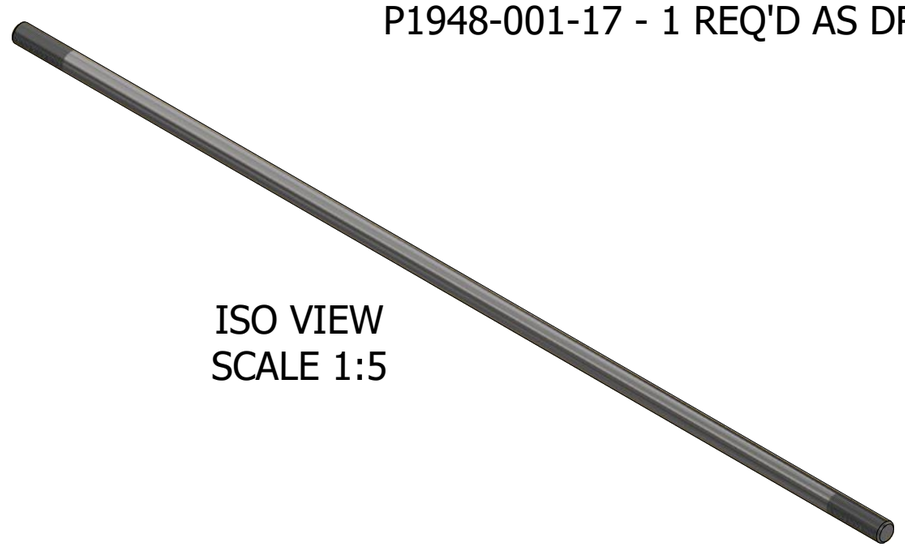
JOB NO:

SCALE: Noted | SHEET 34 OF 48 | SHEET SIZE: A3 | REV: 2

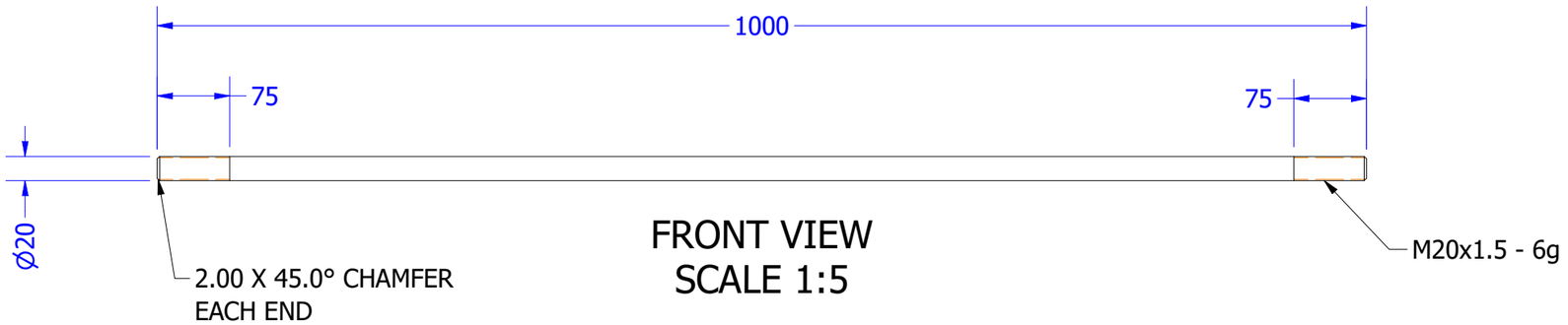
DO NOT SCALE DRAWING

20 RND BAR @ 1000mm	Steel, Mild	AS1443 - GR1040
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-17 - 1 REQ'D AS DRAWN



ISO VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-17 CHAIN CONVEYORS

DWG NO: 194804

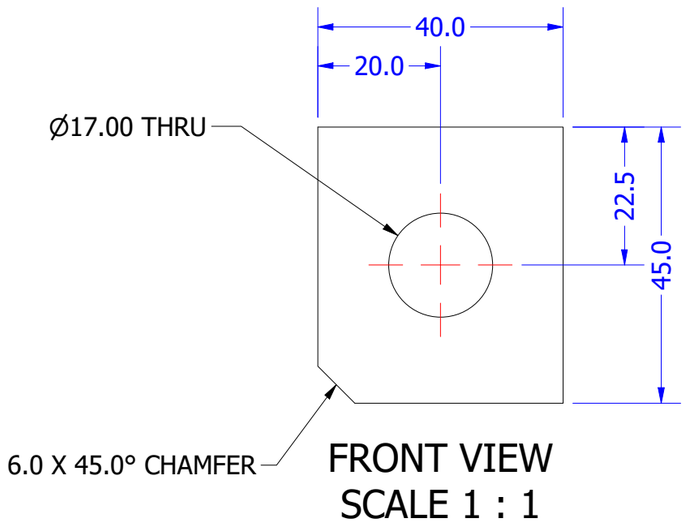
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	35 OF 48	A3	2

DO NOT SCALE DRAWING

16mm PLATE @ 45 X 40	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-26 - 1 REQ'D AS DRAWN



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-26 CHAIN CONVEYORS

DWG NO: 194804

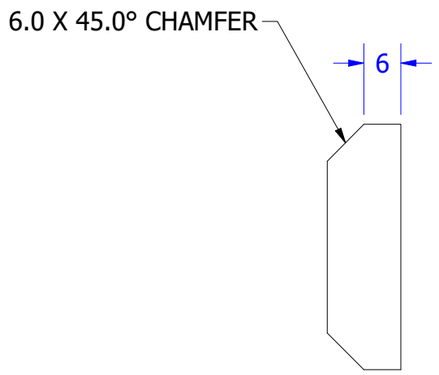
JOB NO:

SCALE: Noted | SHEET 36 OF 48 | SHEET SIZE: A3 | REV: 2

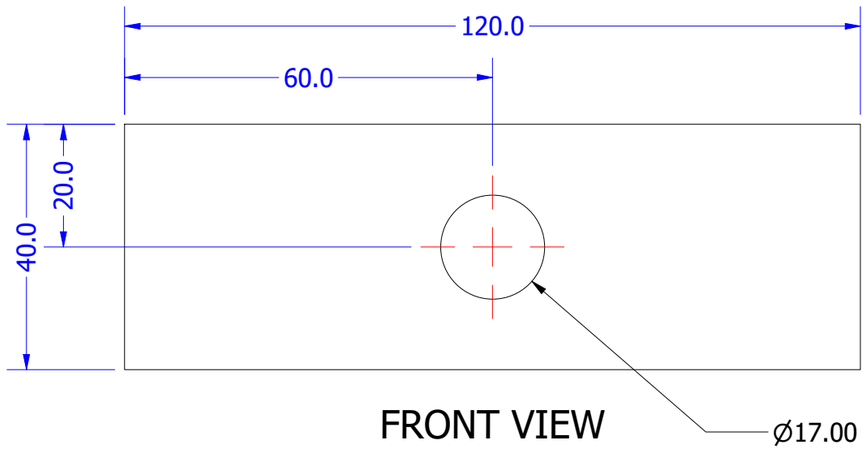
DO NOT SCALE DRAWING

12mm PLATE @ 120 X 40	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-27 - 1 REQ'D AS DRAWN



SIDE VIEW
SCALE 1 : 1



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .25 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

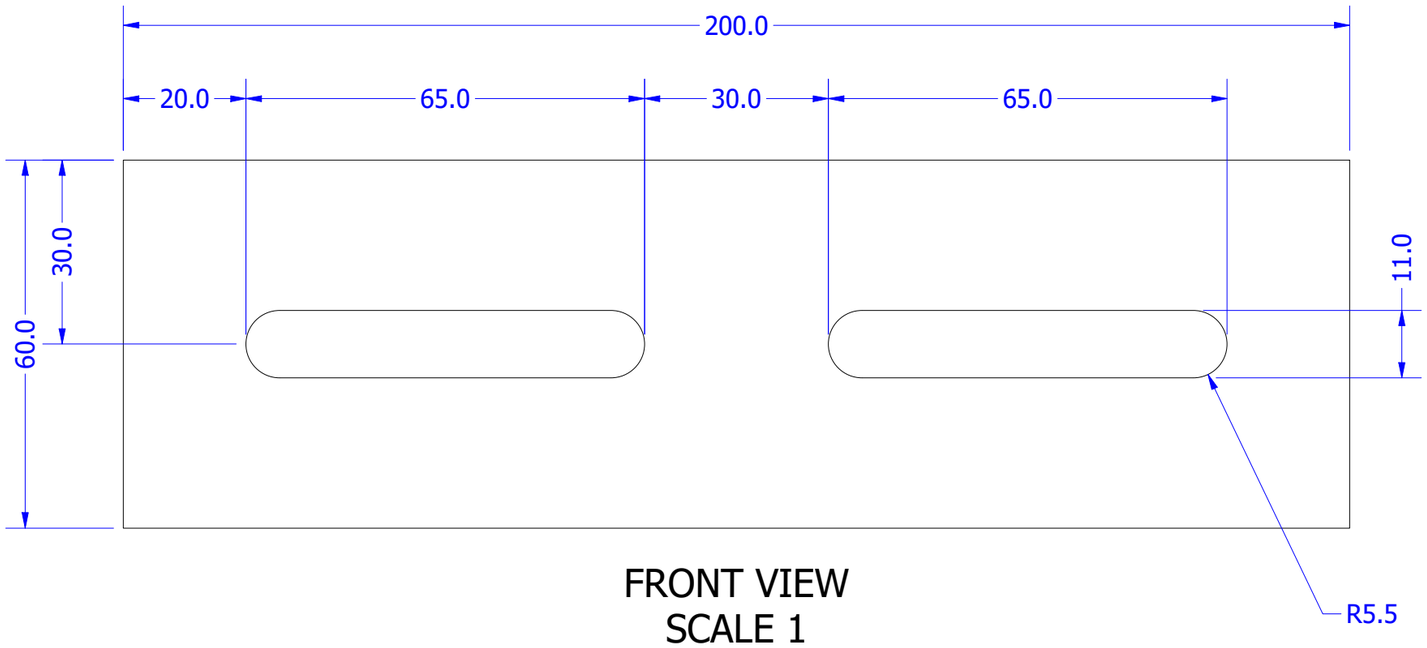
DRAWN: David Bilney
DESIGNED: David Bilney
DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING
TITLE: P1948-001-27 CHAIN CONVEYORS
DWG NO: 194804
JOB NO:
SCALE: Noted
SHEET 37 OF 48
SHEET SIZE: A3
REV: 2

DO NOT SCALE DRAWING

6mm PLATE @ 200 X 60	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-001-28 - 4 REQ'D AS DRAWN



FRONT VIEW
SCALE 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-001-28 CHAIN CONVEYORS

DWG NO: 194804

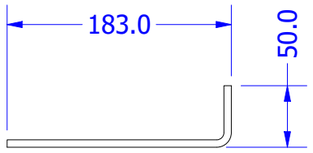
JOB NO:

SCALE: Noted | SHEET 38 OF 48 | SHEET SIZE: A3 | REV: 2

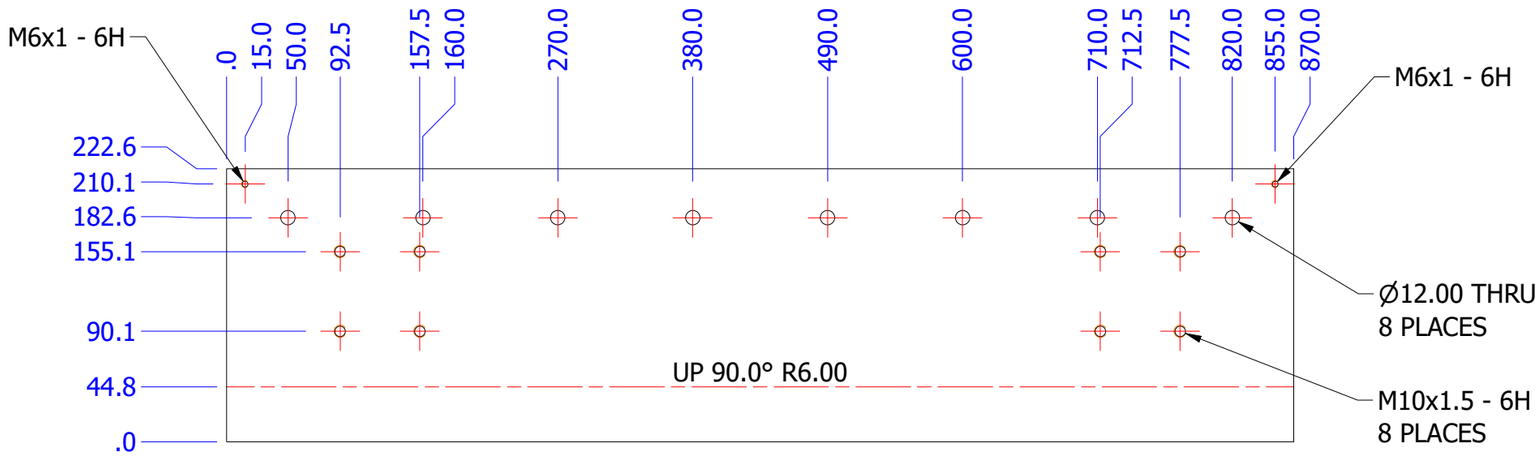
DO NOT SCALE DRAWING

6mm PLATE @ 400 X 283	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-004-01 - 2 REQ'D AS DRAWN



FOLDED SECTION
SCALE 1:5



FLAT PATTERN
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	=	± .5 mm	X	=	± 1°
X.XX	=	± .25 mm	X.X	=	± .5°
X.XXX	=	± .125 mm	X.XX	=	± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-004-01 CHAIN CONVEYORS

DWG NO: 194804

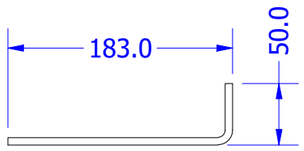
JOB NO:

SCALE: Noted | SHEET 39 OF 48 | SHEET SIZE: A3 | REV: 2

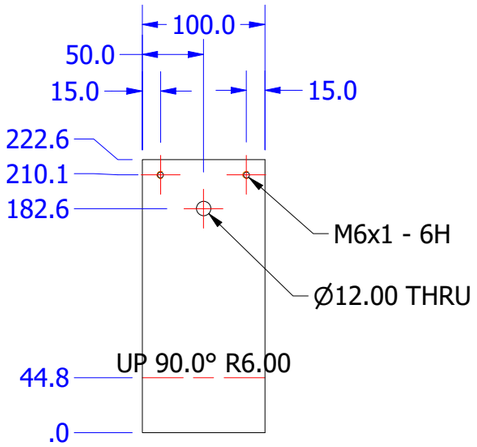
DO NOT SCALE DRAWING

6mm PLATE @ 300 X 283	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-004-02 - 2 REQ'D AS DRAWN



FOLDED SECTION
SCALE 1:5



FLAT PATTERN
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

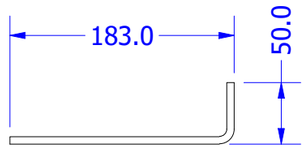
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY	
DRAWN: David Bilney	
DESIGNED: David Bilney	
DATE: 22/03/2021	
CUSTOMER:	RAB ENGINEERING
TITLE:	P1948-004-02 CHAIN CONVEYORS
DWG NO:	194804
JOB NO:	
SCALE: Noted	
SHEET 40 OF 48	
SHEET SIZE: A3	
REV: 2	

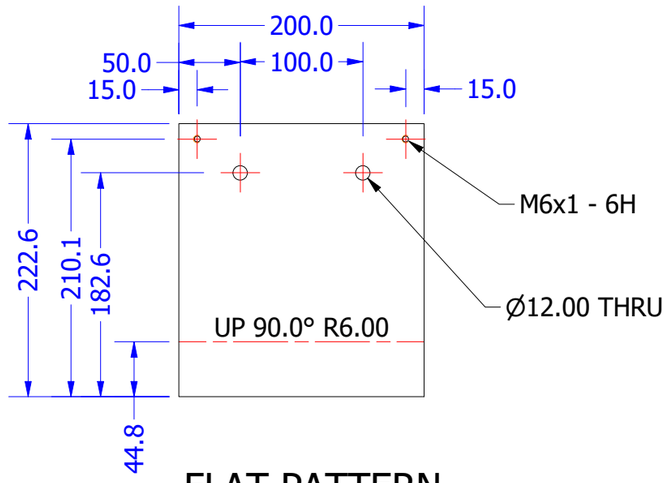
DO NOT SCALE DRAWING

6mm PLATE @ 300 X 283	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-004-03 - 2 REQ'D AS DRAWN



FOLDED SECTION
SCALE 1:5



FLAT PATTERN
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-004-03 CHAIN CONVEYORS

DWG NO: 194804

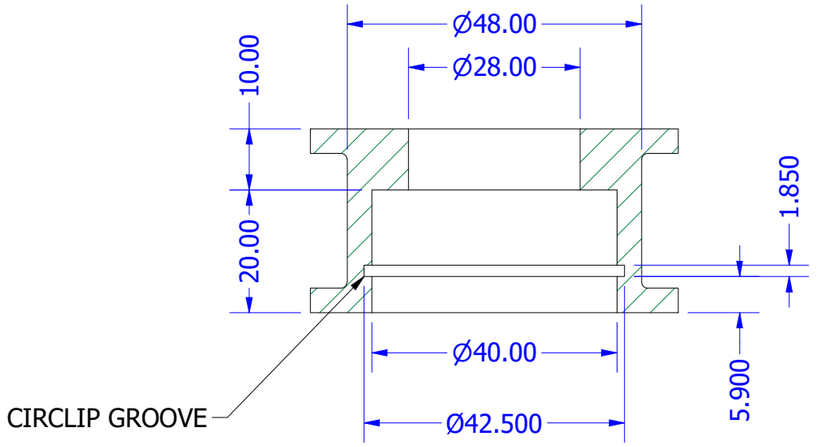
JOB NO:

SCALE: Noted | SHEET 41 OF 48 | SHEET SIZE: A3 | REV: 2

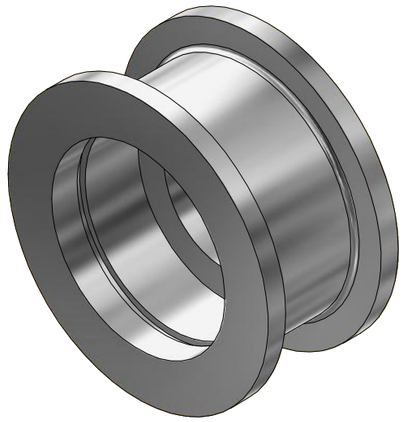
DO NOT SCALE DRAWING

60 RND BAR @ 30mm	Steel, Mild	AS1444-1996 - 4140
DESCRIPTION	MATERIAL	COMMENTS

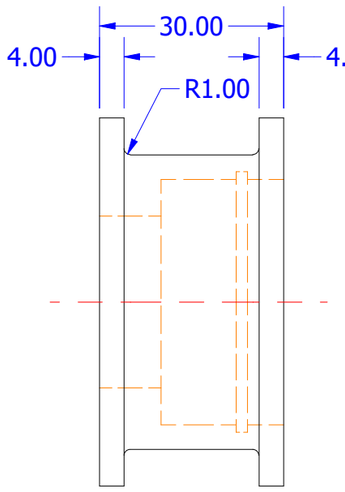
P1948-004-05 - 7 REQ'D AS DRAWN



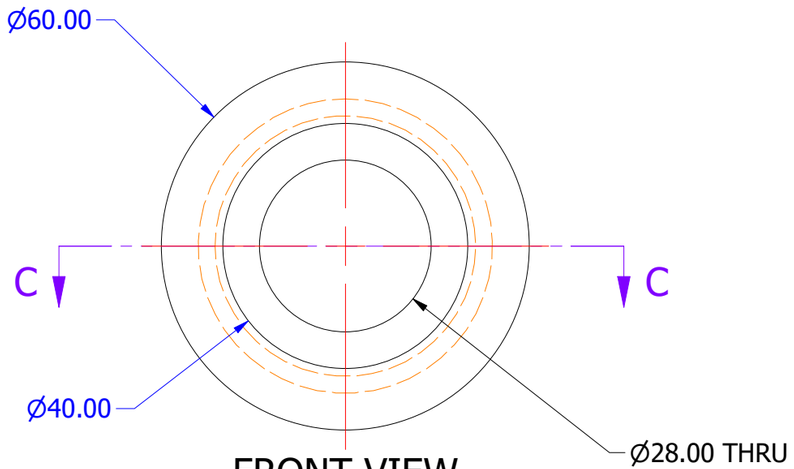
SECTION C-C
SCALE 1 : 1



ISO VIEW
SCALE 1 : 1



SIDE VIEW
SCALE 1 : 1



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES
DECIMAL: X.X = ± .5 mm; X.XX = ± .125 mm; X.XXX = ± .125 mm
ANGULAR: X = ± 1°; X.X = ± .5°; X.XX = ± .25°
MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-004-05 CHAIN CONVEYORS

DWG NO: 194804

JOB NO:

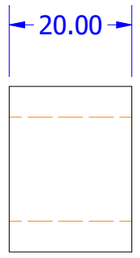
SCALE: Noted | SHEET 42 OF 48 | SHEET SIZE: A3 | REV: 2

DO NOT SCALE DRAWING

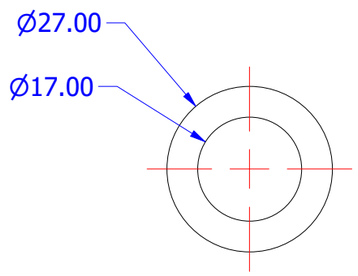
27 RND BAR @ 20	Steel, Mild	AS1443 - 1040
DESCRIPTION	MATERIAL	COMMENTS

P1948-004-06 - 7 REQ'D AS DRAWN

ISO VIEW
SCALE 1 : 1



SIDE VIEW
SCALE 1 : 1



FRONT VIEW
SCALE 1 : 1

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: ZINC PLATE

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-004-06
CHAIN CONVEYORS

DWG NO: 194804

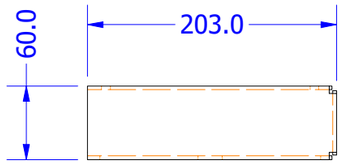
JOB NO:

SCALE: Noted | SHEET 43 OF 48 | SHEET SIZE: A3 | REV: 2

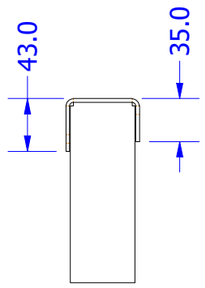
DO NOT SCALE DRAWING

3mm PLATE @ 348 X 128	Steel, Mild	AS1594 - GR250
DESCRIPTION	MATERIAL	COMMENTS

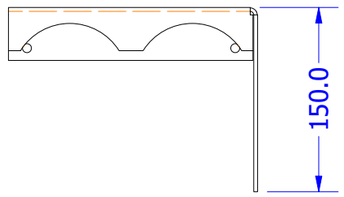
P1948-004-07 - 1 REQ'D AS DRAWN



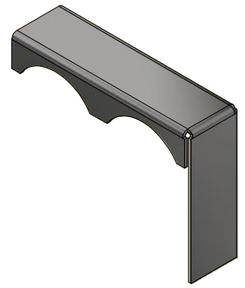
TOP VIEW
SCALE 1:5



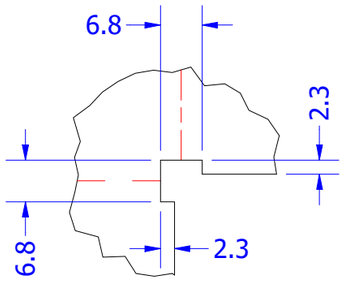
SIDE VIEW
SCALE 1:5



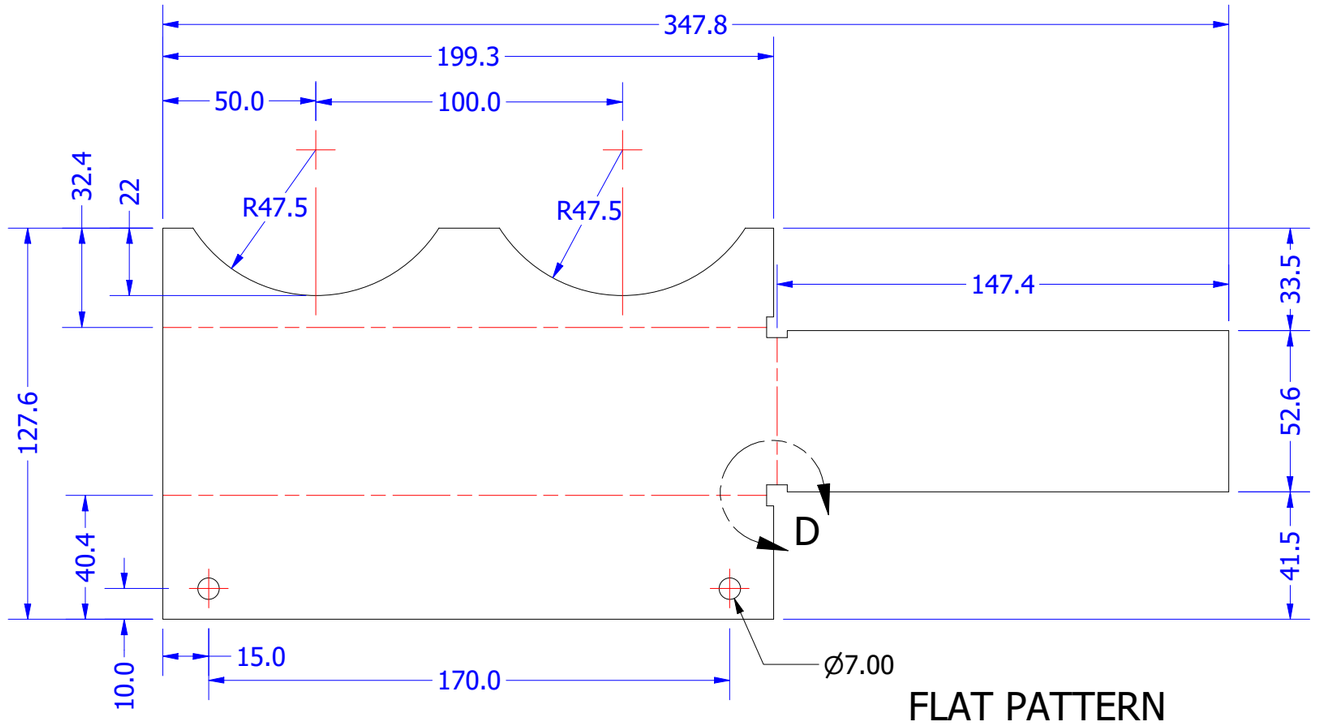
FRONT VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5



DETAIL D
SCALE 1 : 1



FLAT PATTERN
ALL BENDS UP 90°
SCALE 1:2

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: TBA

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-004-07 CHAIN CONVEYORS

DWG NO: 194804

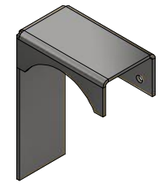
JOB NO:

SCALE: Noted | SHEET 44 OF 48 | SHEET SIZE: A3 | REV: 2

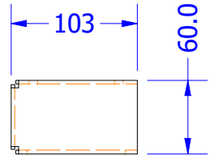
DO NOT SCALE DRAWING

3mm PLATE @ 248 X 128	Steel, Mild	AS1594 - GR250
DESCRIPTION	MATERIAL	COMMENTS

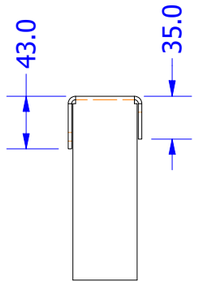
P1948-004-08 - 1 REQ'D AS DRAWN



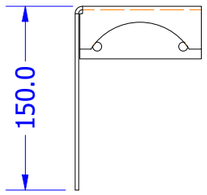
ISO VIEW
SCALE 1:5



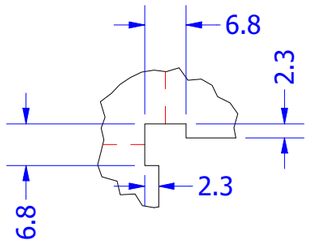
PLAN VIEW
SCALE 1:5



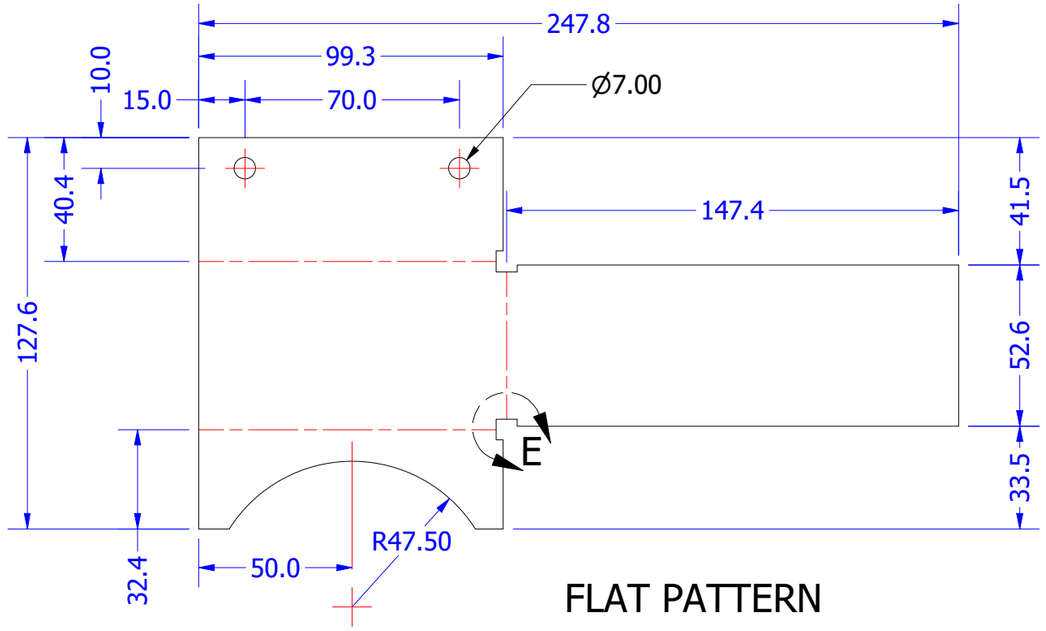
SIDE VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5



DETAIL E
SCALE 1 : 1



FLAT PATTERN
ALL BENDS UP 90°
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: TBA

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-004-08 CHAIN CONVEYORS

DWG NO: 194804

JOB NO:

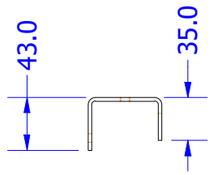
SCALE:	SHEET	SHEET SIZE:	REV:
Noted	45 OF 48	A3	2

DO NOT SCALE DRAWING

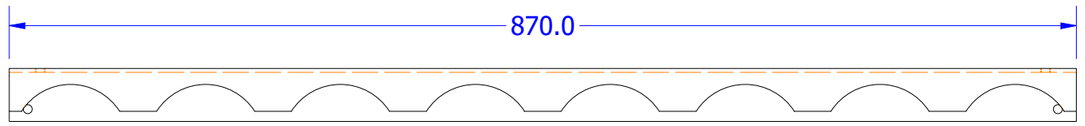
3mm PLATE @ 870 X 128	Steel, Mild	AS1594 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-004-09 - 1 REQ'D AS DRAWN

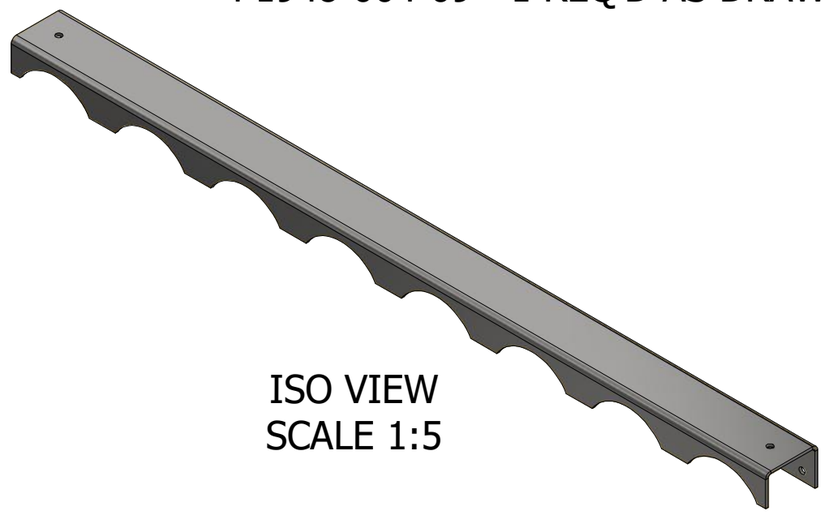
PLAN VIEW
SCALE 1:5



END VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5



ISO VIEW
SCALE 1:5

FLAT PATTERN

ALL BENDS UP 90°

SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: TBA

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-004-09 CHAIN CONVEYORS

DWG NO: 194804

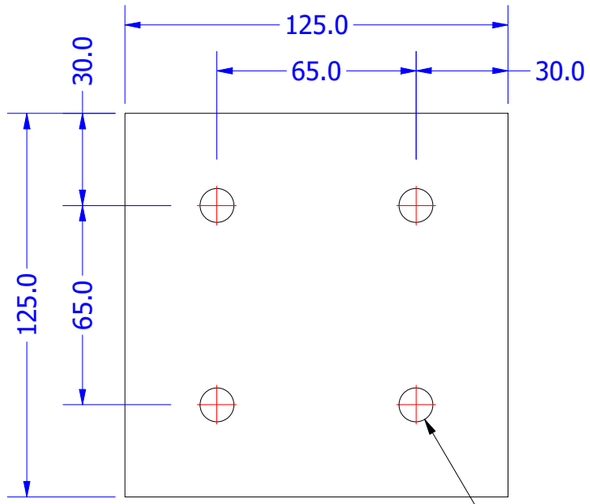
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	46 OF 48	A3	2

DO NOT SCALE DRAWING

12mm PLATE @ 125 X 125	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-004-10 - 2 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-004-10 CHAIN CONVEYORS

DWG NO: 194804

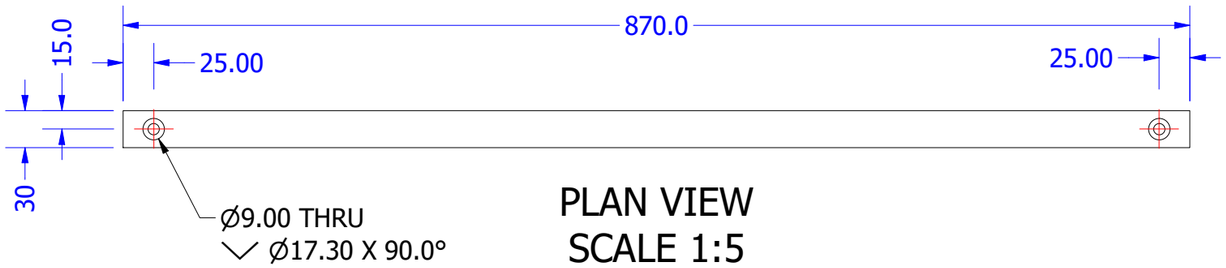
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Noted	47 OF 48	A3	2

DO NOT SCALE DRAWING

30x10 FLAT @ 870mm	HDPE	
DESCRIPTION	MATERIAL	COMMENTS

P1948-004-12 - 1 REQ'D AS DRAWN



PLAN VIEW
SCALE 1:5

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL			ANGULAR		
X.X	= ±	.5 mm	X	= ±	1°
X.XX	= ±	.125 mm	X.X	= ±	.5°
X.XXX	= ±	.125 mm	X.XX	= ±	.25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 22/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-004-12 CHAIN CONVEYORS

DWG NO: 194804

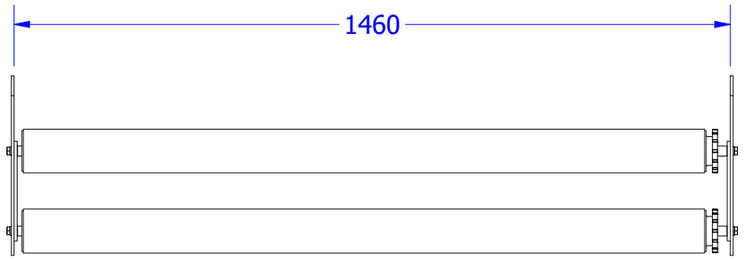
JOB NO:

SCALE: Noted | SHEET 48 OF 48 | SHEET SIZE: A3 | REV: 2

DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
5	AS 1110 - M10 x 35	Steel, Mild	HEX HEAD BOLT	4
4	AS 1968 - 1976 - 10	Steel, Mild	SPRING WASHER	4
3	A1948-005-01	ASSEMBLY	194800	2
2	W1948-006-02	WELDMENT	SHEET 3	1
1	W1948-006-01	WELDMENT	SHEET 2	1

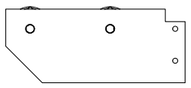
A1948-006-01 - 3 REQ'D AS DRAWN



PLAN VIEW
SCALE 1:12.5

ISO VIEW
SCALE 1:12.5

FRONT VIEW
SCALE 1:12.5



SIDE VIEW
SCALE 1:12.5

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

REV	DATE	DESCRIPTION	APPRD
1	27/04/2021	AS BUILT	DB
0	31/03/2021	APPROVED FOR MANUFACTURE	PB

REVISION HISTORY

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 30/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: A1948-006-01 CHAIN CONVEYORS

DWG NO: 194806

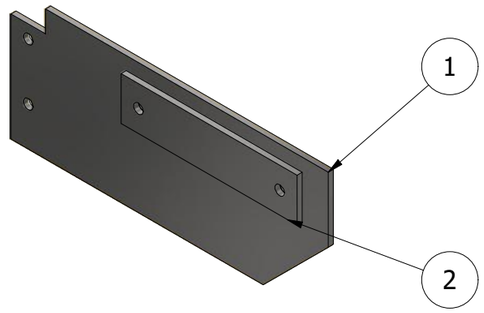
JOB NO:

SCALE: Scale | SHEET 1 OF 5 | SHEET SIZE: A3 | REV: 1

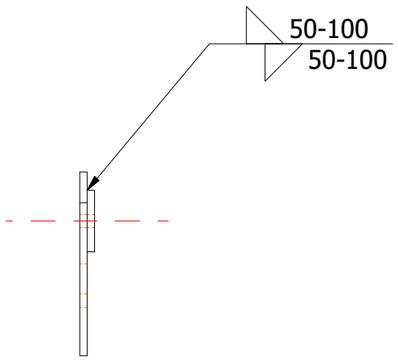
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	P1948-006-02	Steel, Mild	SHEET 5	1
1	P1948-006-01	Steel, Mild	SHEET 4	1

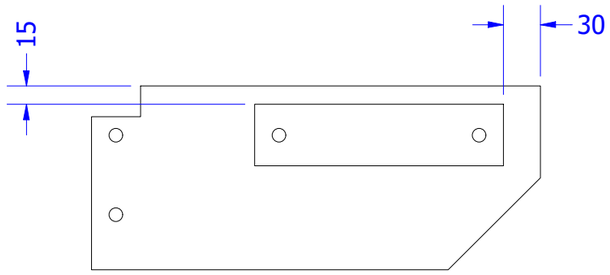
W1948-006-01 - 1 REQ'D AS DRAWN



ISO VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: TBA

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 30/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: W1948-006-01 CHAIN CONVEYORS

DWG NO: 194806

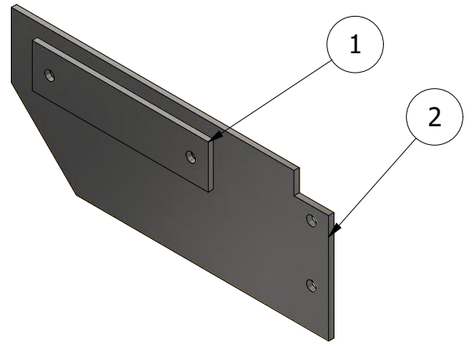
JOB NO:

SCALE: Scale | SHEET 2 OF 5 | SHEET SIZE: A3 | REV: 1

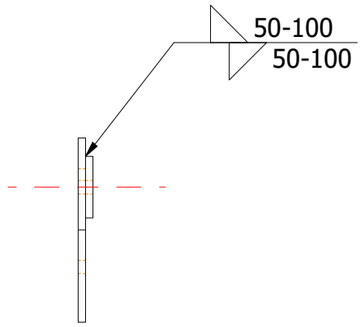
DO NOT SCALE DRAWING

ITEM	PART NUMBER	MATERIAL	COMMENTS	ITEM QTY
2	P1948-006-01	Steel, Mild	SHEET 4	1
1	P1948-006-02	Steel, Mild	SHEET 5	1

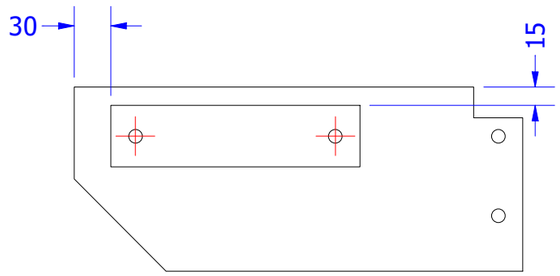
W1948-006-02 - 1 REQ'D AS DRAWN



ISO VIEW
SCALE 1:5



SIDE VIEW
SCALE 1:5



FRONT VIEW
SCALE 1:5

NOTES:
1. ALL WELDING TO CONFORM TO AS1554-GP UNO
2. ALL FILLET WELDS TO BE 6mm CONTINUOUS UNO
3. ALL BUTT WELDS SHALL BE FULL STRENGTH, COMPLETE PENETRATION WELDS
4. ALL FLAME CUT SURFACES SHALL BE UNIFORM & CLEAN BEFORE WELDING
5. REMOVE ALL BURRS & SHARP EDGES
6. NON DESTRUCTIVE TESTING:
   A) ALL WELDS, 100% VISUAL SCAN TO AS1554 PART 1
7. FINISH:
   A) ALL STEELWORK TO BE PRIMED OR COLD GALV UNO

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT: TBA

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

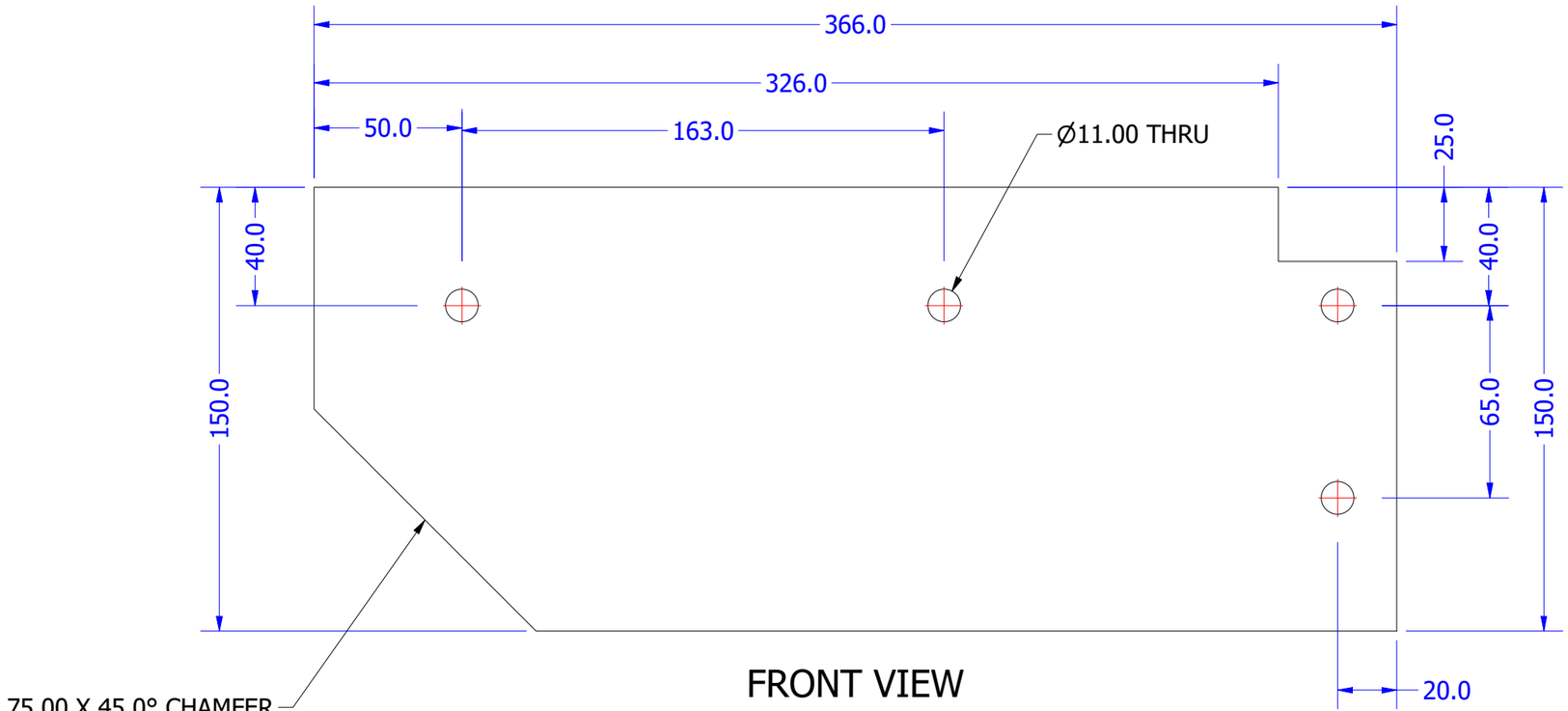
PARENT ASSEMBLY	
CUSTOMER:	RAB ENGINEERING
DRAWN: David Bilney	TITLE: W1948-006-02 CHAIN CONVEYORS
DESIGNED: David Bilney	DWG NO: 194806
DATE: 30/03/2021	JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	3 OF 5	A3	1

DO NOT SCALE DRAWING

6mm PLATE @ 366 X 150	Steel, Mild	AS3678 - GR250
DESCRIPTION	MATERIAL	COMMENTS

P1948-006-01 - 1 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL	ANGULAR
X.X = ± .5 mm	X = ± 1°
X.XX = ± .25 mm	X.X = ± .5°
X.XXX = ± .125 mm	X.XX = ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 30/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-006-01 CHAIN CONVEYORS

DWG NO: 194806

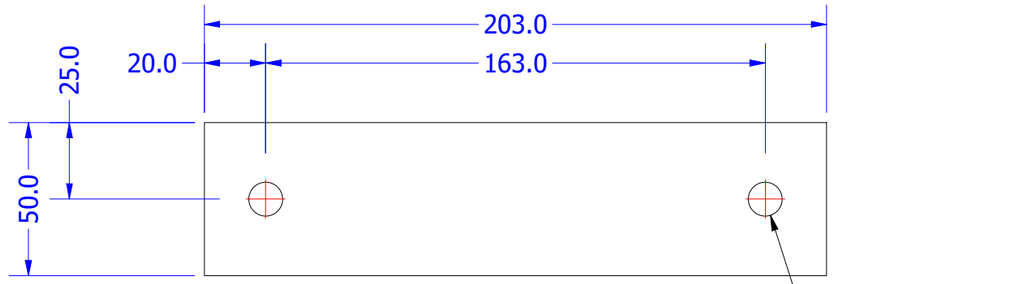
JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	4 OF 5	A3	1

DO NOT SCALE DRAWING

50x6 FMS @ 203	Steel, Mild	AS3679 - GR300
DESCRIPTION	MATERIAL	COMMENTS

P1948-006-02 - 1 REQ'D AS DRAWN



FRONT VIEW
SCALE 1:2

REMOVE ALL BURRS & SHARP EDGES

DRAWN BY ULTIMATE ENGINEERING PTY LTD Ph 8562 1511

PAINT TREATMENT:

DIMENSION TOLERANCES

DECIMAL		ANGULAR	
X.X	= ± .5 mm	X	= ± 1°
X.XX	= ± .25 mm	X.X	= ± .5°
X.XXX	= ± .125 mm	X.XX	= ± .25°

MAXIMUM FINISHED SURFACE ROUGHNESS U.N.O. 1.6

PARENT ASSEMBLY

DRAWN: David Bilney

DESIGNED: David Bilney

DATE: 30/03/2021

CUSTOMER: RAB ENGINEERING

TITLE: P1948-006-02 CHAIN CONVEYORS

DWG NO: 194806

JOB NO:

SCALE:	SHEET	SHEET SIZE:	REV:
Scale	5 OF 5	A3	1