

Industrial Deep Flight Conveyors



- Capacities available from 60Tph to 350Tph
- Angles up to 60° (in 10° or 15° increments)
- 4 heights & widths available (widths: 230mm, 300mm, 400mm, 500mm. Casing depths from 370mm to 600mm).
- All bolted & riveted heavy duty construction
- Steel chain with heavy duty commercial spec plastic flights (suitable for all cereals & pulses as standard in agricultural and commercial applications)
- Ideal for feeding in to an elevator bucket when avoiding pits in the concrete.
- Inlet options include mechanical receptions & trench intake hoppers
- Standard drive configuration is a 90° gear unit, but other options are available to suit each customers' needs.



The UK's most experienced manufacturer of materials handling, drying & storage solutions.



For more information please contact our sales team on (0)1404 890300 or email sales@perryfoakley.co.uk



Case Width	Sect Sides	Sect Floor	Intermediate Floor	Sect Lids	D&T Slides	D&T Reinf	D&T Floor	Drive P'Form	Tail Rails	D&T Lids	D&T End Pit
230 Wide	3mm	4mm	4mm	2mm	3mm	5mm	4mm	4mm	8mm H'dox	2mm	5mm
300 Wide	3mm	5mm	5mm	2mm	3mm	5mm	5mm	5mm	8mm H'dox	2mm	5mm
400 & 500	3mm	5mm	5mm	3mm	3mm	5mm	5mm	5mm	8mm H'dox	3mm	5mm
Section Lengths		2.4m, 1.8m, 1.5m, 1.2m, 0.9m & 0.6m				Bends		Std 5m Rad O/S & Tight Bends 2.5m Rad O/S - 5°, 10°, 15°, 30° & 40°			
Chain Type: 102 Pitch Forged c/w Welded Flight Bars As Drg					Flight Mat'l; 10mm HDPE300			Flight Backing; 3mm Galv			
Model	230/37	300/37	230/45	300/45	400/45	300/52	400/52	400/60	500/60		
Drive Outlet Size	230x750	300x750	230x750	300x750	400x750	300x900	400x900	400x1050	500x1050		
Inter. Outlet Size	230x600	300x600	230x750	300x750	400x750	300x900	400x900	400x1050	500x1050		
Inlet Size	230x600	300x600	230x600	300x600	400x600	300x750	400x750	400x900	500x900		



Scan this code to visit our Youtube video for Industrial Deep Flight Curved Conveyors.

*sales@perryfoakley.co.uk +44 (0)1404 890300
www.perryfoakley.co.uk*

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 sales@perryoakley.co.uk
 +44 (0)1404 890300



General Specification

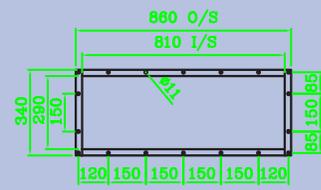
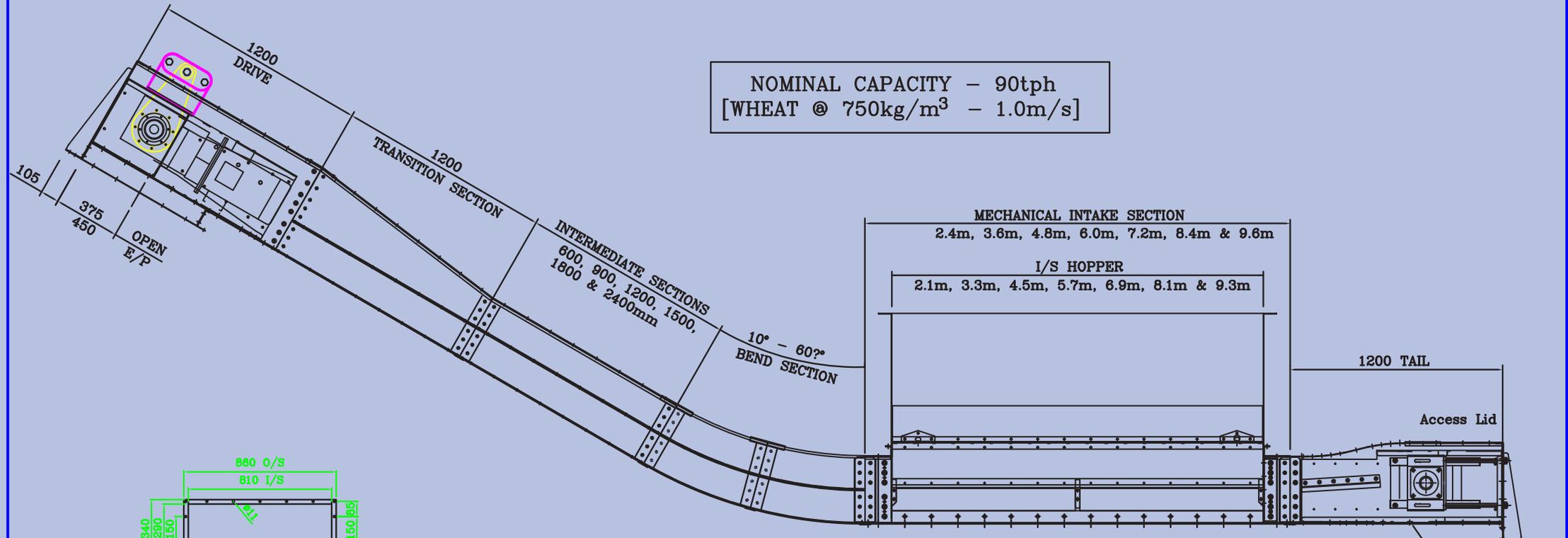
Model	Capacity tph	Chain Speed	Safe Conv Depth	Flight Size	O/All Case
230/37	65	0.7m/s	145mm	215x170	300x381
	70	0.8m/s			
	80	0.9m/s			
	90	1.0m/s			
300/37	80	0.7m/s	145mm	285x170	370x381
	95	0.8m/s			
	105	0.9m/s			
	115	1.0m/s			
230/45	80	0.7m/s	185mm	215x207	300x456
	90	0.8m/s			
	105	0.9m/s			
	115	1.0m/s			
300/45	105	0.7m/s	185mm	285x207	370x458
	120	0.8m/s			
	135	0.9m/s			
	150	1.0m/s			
400/45	140	0.7m/s	185mm	385x207	370x457
	160	0.8m/s			
	180	0.9m/s			
	200	1.0m/s			
300/52	125	0.7m/s	220mm	285x245	370x533
	145	0.8m/s			
	160	0.9m/s			
	180	1.0m/s			
400/52	165	0.7m/s	220mm	385x245	470x533
	190	0.8m/s			
	215	0.9m/s			
	240	1.0m/s			
400/60	190	0.7m/s	250mm	385x282	470x608
	215	0.8m/s			
	245	0.9m/s			
	270	1.0m/s			
500/60	235	0.7m/s	250mm	485x282	570x608
	270	0.8m/s			
	305	0.9m/s			
	340	1.0m/s			

Note: TPH Based on Wheat (Dry) @ 750kg/m³

The UK's most experienced manufacturer of materials handling, drying & storage solutions.

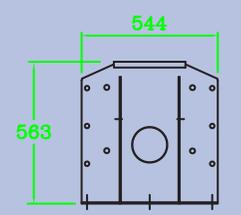
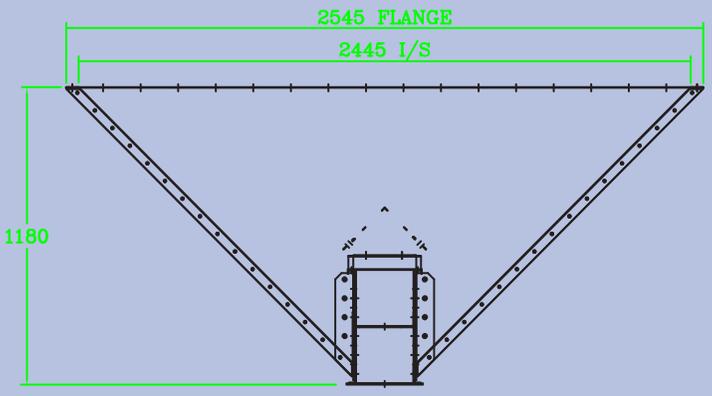
IF IN DOUBT ASK!

NOMINAL CAPACITY - 90tph
 [WHEAT @ 750kg/m³ - 1.0m/s]

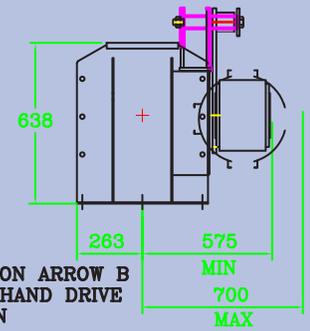


END OUTLET FLANGE DETAIL

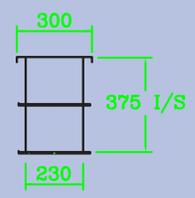
FOR INTERMEDIATE DETAILS SEE SHEET 1



VIEW ON ARROW A



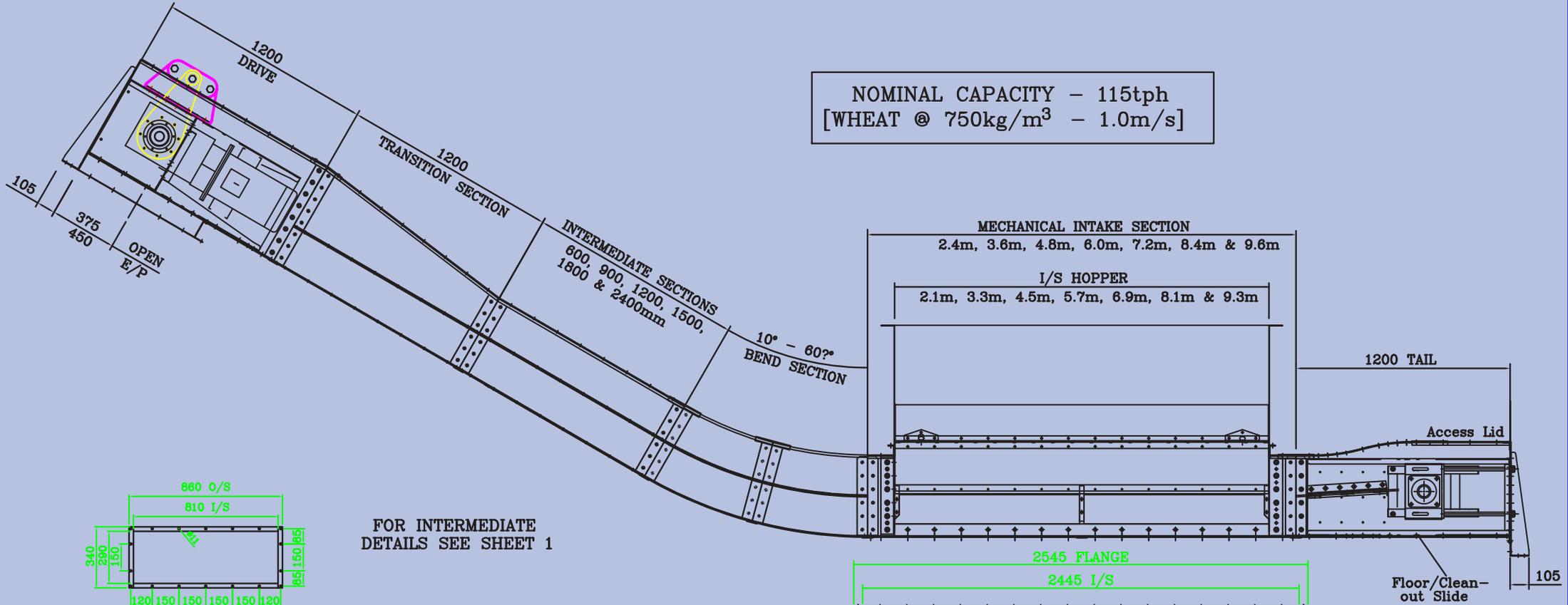
VIEW ON ARROW B LEFT HAND DRIVE SHOWN



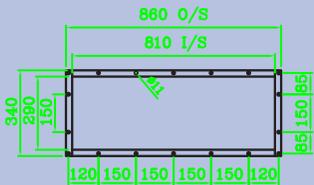
				PERRY OF OAKLEY LTD DUNKESWELL AIRFIELD HONITON DEVON EX14 4LF TEL. 01404 891400 FAX. 01404 891402	MACHINE	230/37 DEEP FLIGHT IND. CONVEYOR		MATERIAL DETAILS		ALL DIMENSIONS IN mm TOLERANCES:- U.N.O. GENERAL ±0.5mm WELD ASSY'S ±1.0mm	DATE	DRN BY	SCALE	A4 1 OF 1
					ASSEMBLY	PLANNING IN DETAILS					09-07-15	R>B	NTS	
					PART	INTAKE CURVED COMBINATION								
REV	DETAIL	DATE	BY					WEIGHT	QTY. PER	THIRD ANGLE	DRG No.		REV	SHT
								kg	1		ID1-230-37-I		A	1 OF 1

IF IN DOUBT ASK!

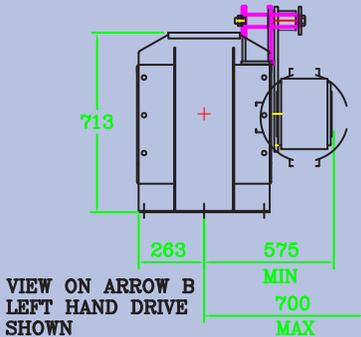
NOMINAL CAPACITY - 115tph
 [WHEAT @ 750kg/m³ - 1.0m/s]



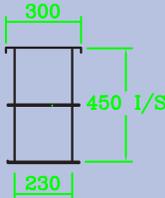
FOR INTERMEDIATE
 DETAILS SEE SHEET 1



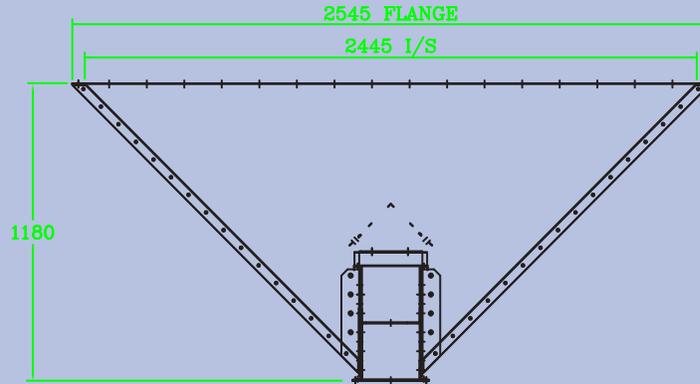
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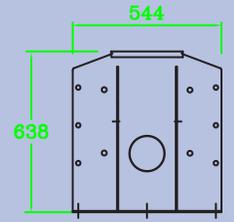
VIEW ON ARROW B
 LEFT HAND DRIVE
 SHOWN



SECTION



INTAKE
 SECTION

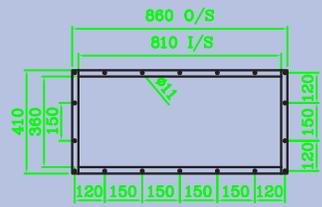
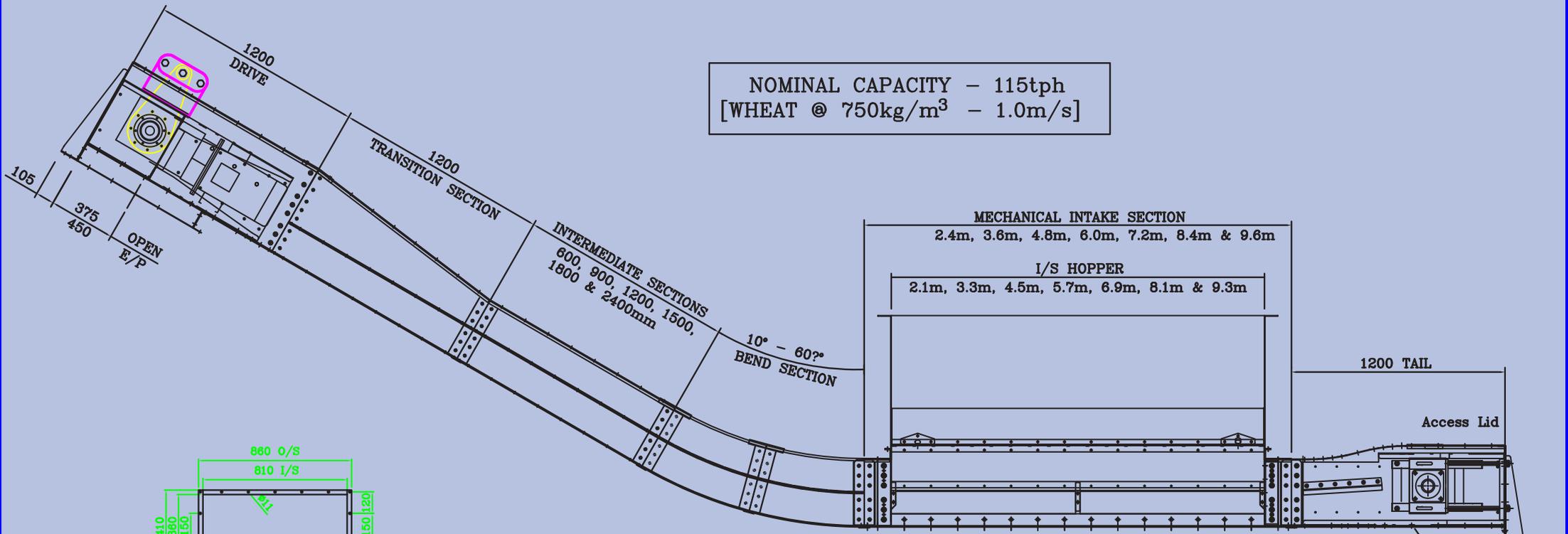


VIEW ON ARROW A

<p>PERRY OF OAKLEY LTD DUNKESWELL AIRFIELD HONITON DEVON EX14 4LF TEL. 01404 891400 FAX. 01404 891402</p>				MACHINE	230/45 DEEP FLIGHT IND. CONVEYOR		MATERIAL DETAILS		ALL DIMENSIONS IN mm TOLERANCES:- U.N.O. GENERAL ±0.5mm WELD ASSY'S ±1.0mm		DATE	09-07-15	DRN BY	R>B	SCALE	NTS	A4
				ASSEMBLY	PLANNING IN DETAILS						REV	SHT					
				PART	INTAKE CURVED COMBINATION		WEIGHT	kg	QTY. PER	1	DRG No.	ID1-230-45-CC		REV	A	SHT	1 OF 1

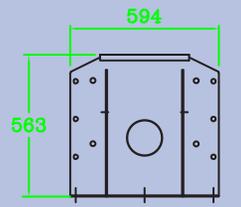
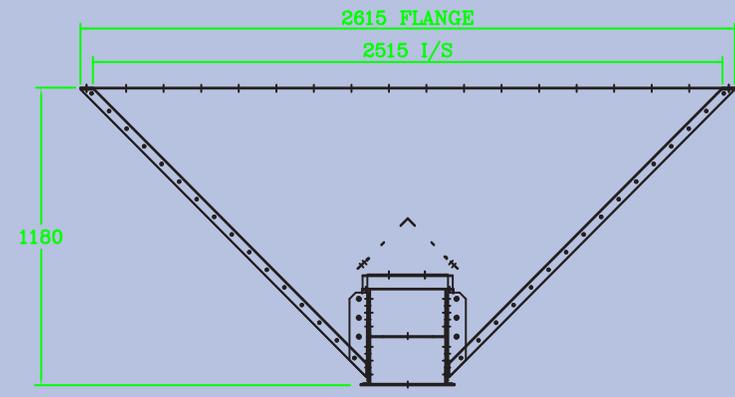
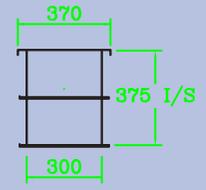
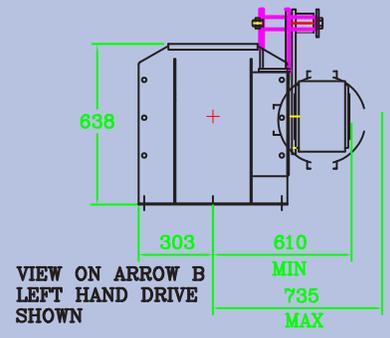
IF IN DOUBT ASK!

NOMINAL CAPACITY - 115tph
 [WHEAT @ 750kg/m³ - 1.0m/s]



END OUTLET FLANGE DETAIL

FOR INTERMEDIATE DETAILS SEE SHEET 1

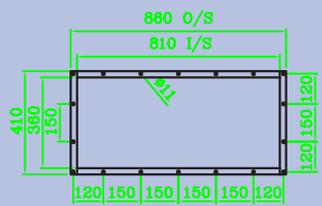
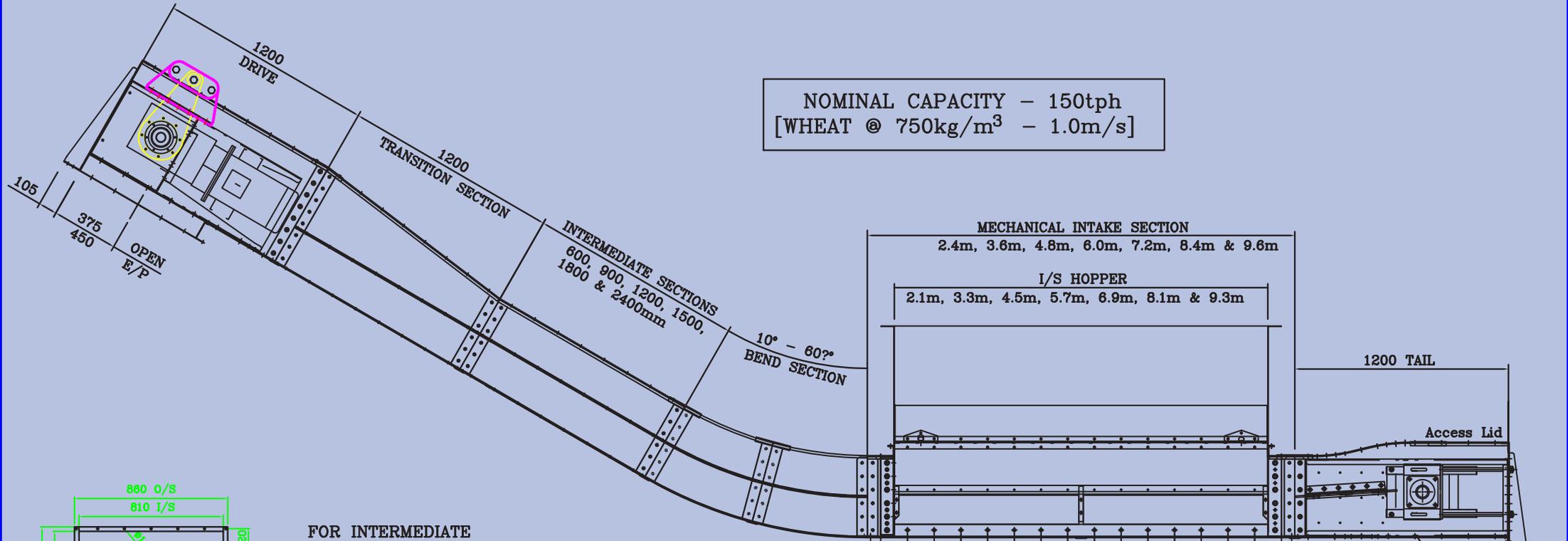


VIEW ON ARROW A

<p>PERRY OF OAKLEY LTD DUNKESWELL AIRFIELD HONITON DEVON EX14 4LF TEL. 01404 891400 FAX. 01404 891402</p>				<p>MACHINE 300/37 DEEP FLIGHT IND. CONVEYOR ASSEMBLY PLANNING IN DETAILS PART INTAKE CURVED COMBINATION</p>		<p>MATERIAL DETAILS WEIGHT kg QTY. PER 1</p>		<p>ALL DIMENSIONS IN mm TOLERANCES:- U.N.O. GENERAL ±0.5mm WELD ASSY'S ±1.0mm</p>		<p>DATE 09-07-15 DRN BY R>B DRG No. ID1-300-37-CC</p>		<p>SCALE NTS A4 REV A SHT 1 OF 1</p>	
REV	DETAIL	DATE	BY					<p>THIRD ANGLE</p>					

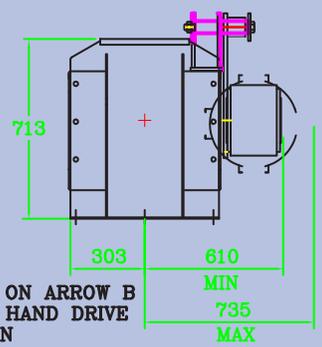
IF IN DOUBT ASK!

NOMINAL CAPACITY - 150tph
 [WHEAT @ 750kg/m³ - 1.0m/s]

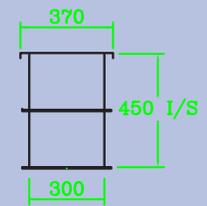


FOR INTERMEDIATE DETAILS SEE SHEET 1

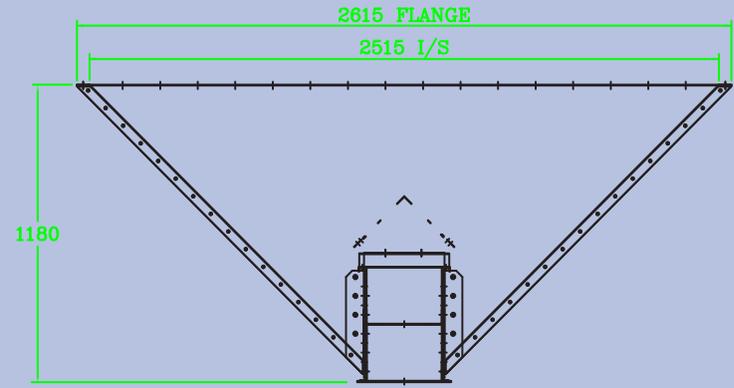
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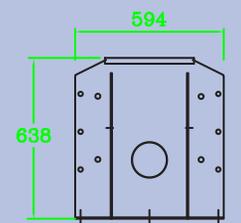
VIEW ON ARROW B LEFT HAND DRIVE SHOWN



SECTION



INTAKE SECTION

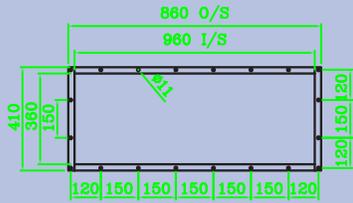
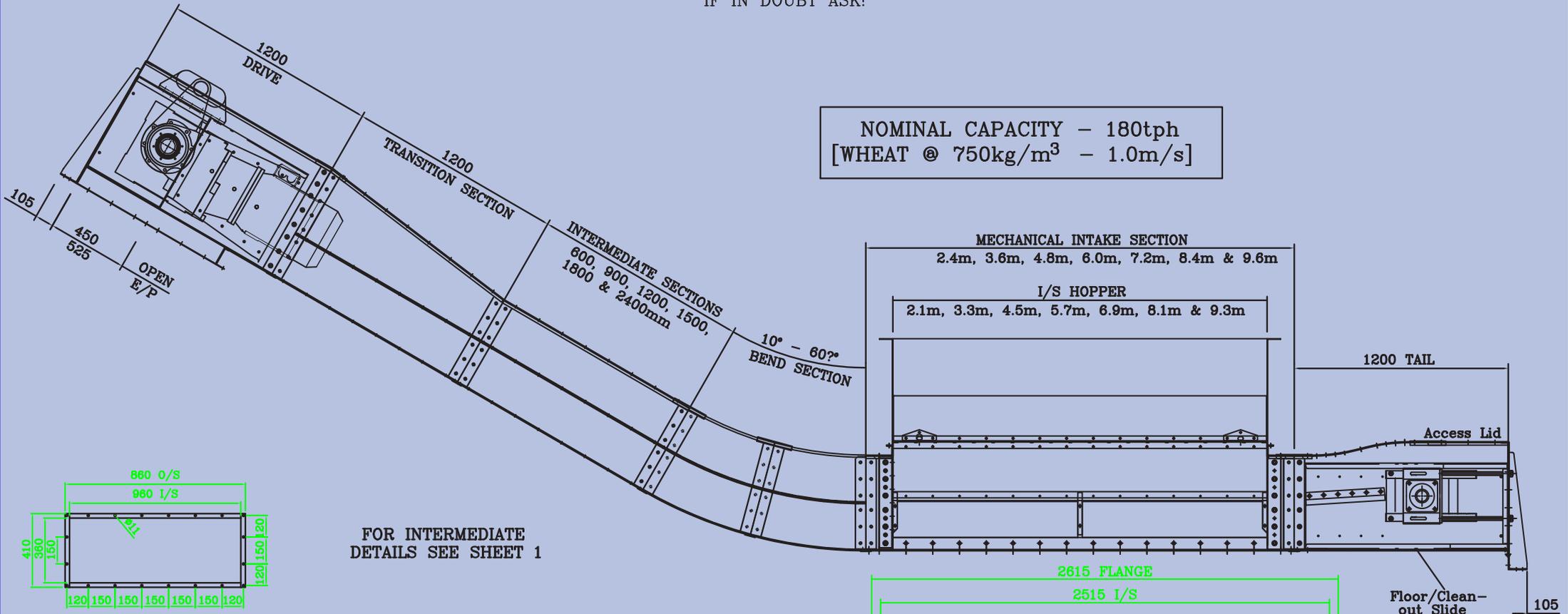


VIEW ON ARROW A

				PERRY OF OAKLEY LTD DUNKESWELL AIRFIELD HONITON DEVON EX14 4LP TEL. 01404 891400 FAX 01404 891402	MACHINE	300/45 DEEP FLIGHT IND. CONVEYOR	MATERIAL DETAILS		ALL DIMENSIONS IN mm TOLERANCES:- U.N.O. GENERAL ±0.5mm WELD ASSY'S ±1.0mm	DATE	DRN BY	SCALE	A4 SHT 1 OF 1
					ASSEMBLY	PLANNING IN DETAILS				09-07-15	R>B	NTS	
					PART	INTAKE CURVED COMBINATION	WEIGHT	QTY. PER		DRG No.	REV	SHT	
REV	DETAIL	DATE	BY			kg	1	THIRD ANGLE	ID1-300-45-CCI	A			

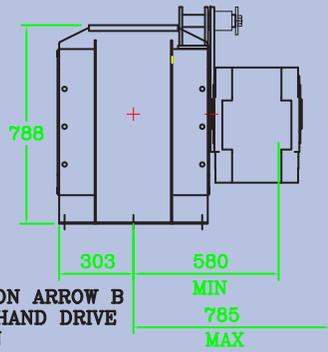
IF IN DOUBT ASK!

NOMINAL CAPACITY - 180tph
[WHEAT @ 750kg/m³ - 1.0m/s]

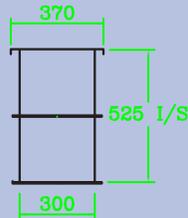


FOR INTERMEDIATE DETAILS SEE SHEET 1

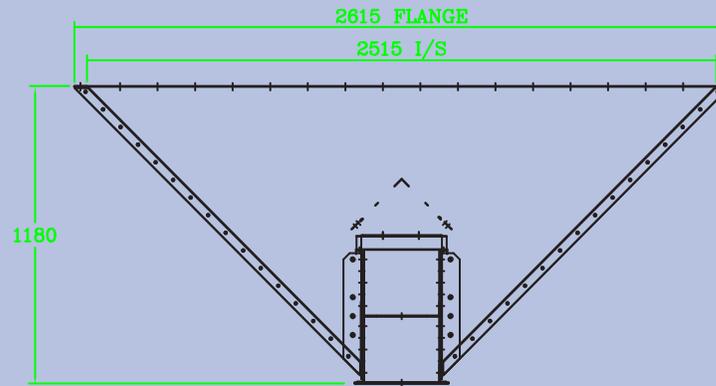
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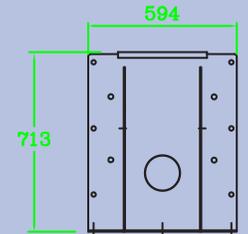
VIEW ON ARROW B LEFT HAND DRIVE SHOWN



SECTION



INTAKE SECTION

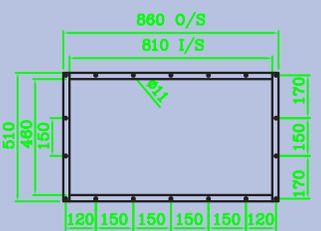
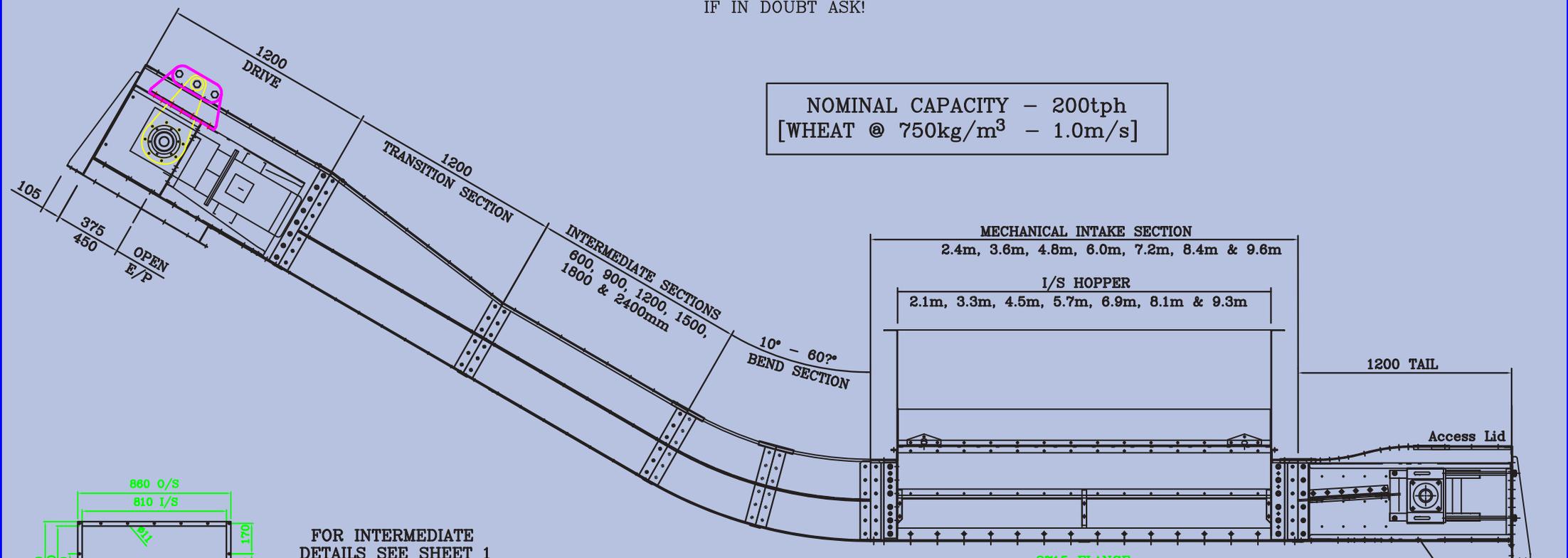


VIEW ON ARROW A

				PERRY OF OAKLEY LTD DUNKESWELL AIRFIELD HONITON DEVON EX14 4LF TEL. 01404 891400 FAX. 01404 891402	MACHINE	300/52 DEEP FLIGHT IND. CONVEYOR	MATERIAL DETAILS		ALL DIMENSIONS IN mm TOLERANCES:- U.N.O. GENERAL ±0.5mm WELD ASSY'S ±1.0mm THIRD ANGLE	DATE	DRN BY	SCALE	A4 NTS 1 OF 1
					ASSEMBLY	PLANNING IN DETAILS				09-07-15	R>B	NTS	
					PART	INTAKE CURVED COMBINATION	WEIGHT	QTY. PER		DRG No.	REV	SHT	
REV	DETAIL	DATE	BY			kg	1	ID1-300-52-CC	A	1 OF 1			

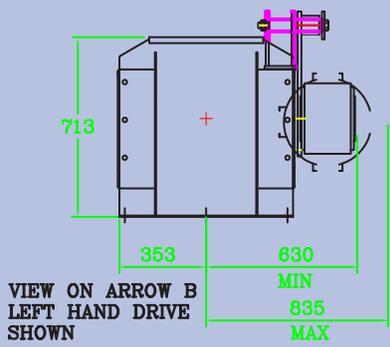
IF IN DOUBT ASK!

NOMINAL CAPACITY - 200tph
 [WHEAT @ 750kg/m³ - 1.0m/s]

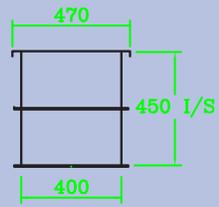


FOR INTERMEDIATE DETAILS SEE SHEET 1

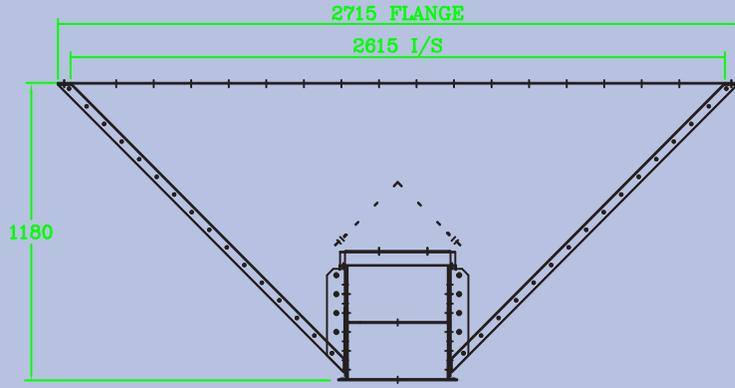
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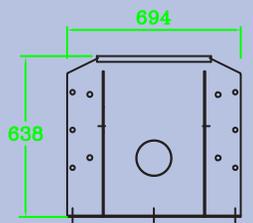
VIEW ON ARROW B LEFT HAND DRIVE SHOWN



SECTION



INTAKE SECTION

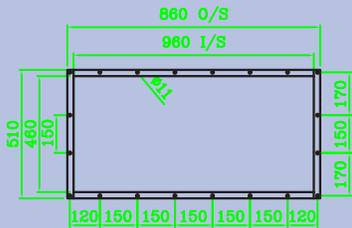
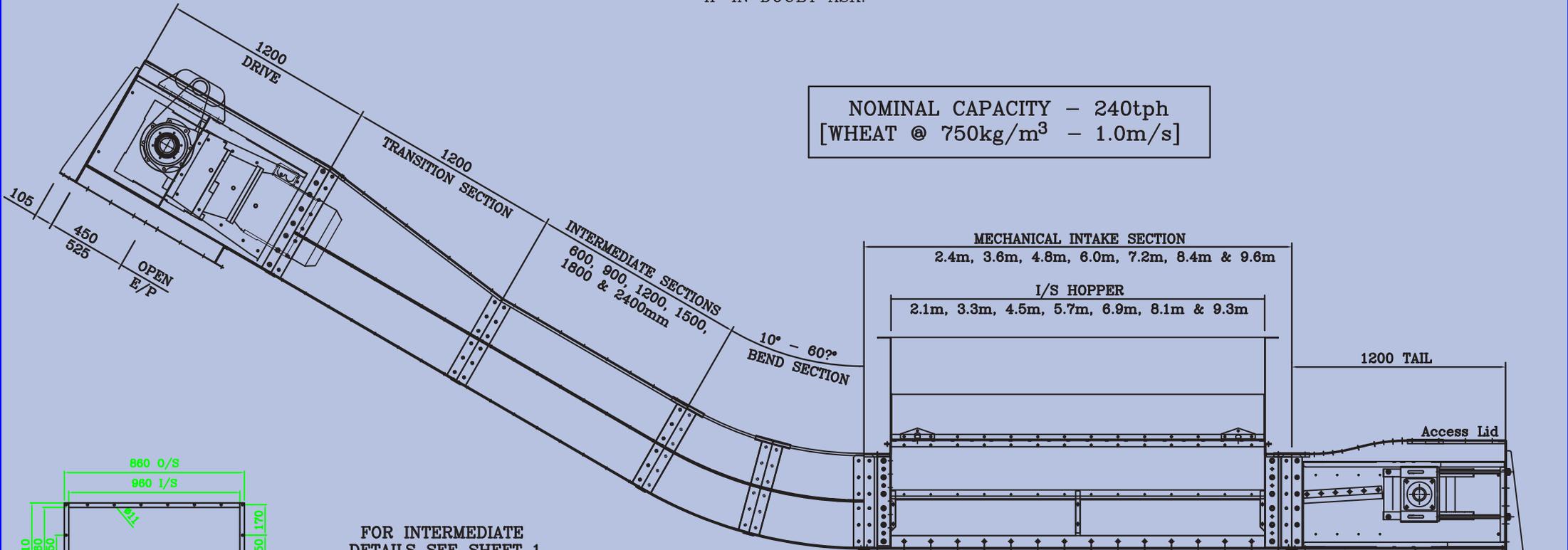


VIEW ON ARROW A

				PERRY OF OAKLEY LTD DUNKESWELL AIRFIELD HONITON DEVON EX14 4LP TEL. 01404 891400 FAX 01404 891402		MACHINE 400/45 DEEP FLIGHT IND. CONVEYOR ASSEMBLY PLANNING IN DETAILS PART INTAKE CURVED COMBINATION		MATERIAL DETAILS WEIGHT kg QTY. PER 1		ALL DIMENSIONS IN mm TOLERANCES:- U.N.O. GENERAL ±0.5mm WELD ASSY'S ±1.0mm THIRD ANGLE		DATE 18-11-16	DRN BY R>B	SCALE NTS	A4
REV	DETAIL	DATE	BY							DRG No. ID1-400-45-CCI		REV A	SHT 1 OF 1		

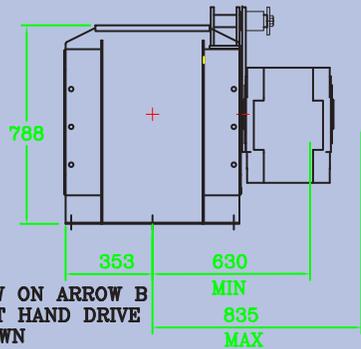
IF IN DOUBT ASK!

NOMINAL CAPACITY - 240tph
 [WHEAT @ 750kg/m³ - 1.0m/s]

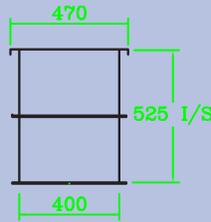


FOR INTERMEDIATE
 DETAILS SEE SHEET 1

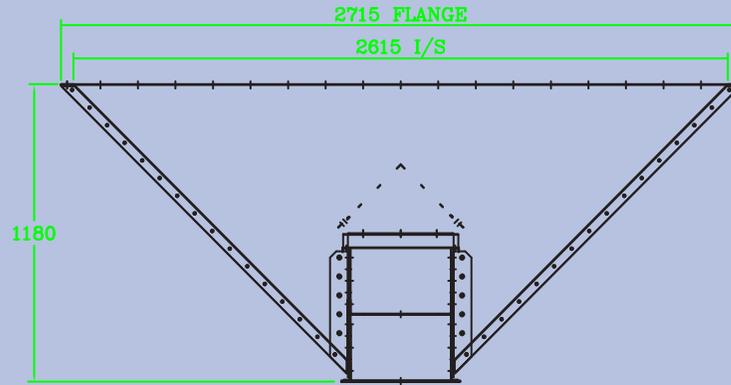
END OUTLET
 FLANGE DETAIL



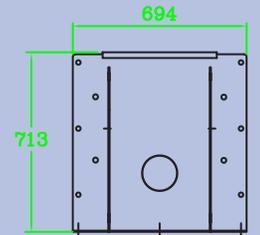
VIEW ON ARROW B
 LEFT HAND DRIVE
 SHOWN



SECTION



INTAKE
 SECTION



VIEW ON ARROW A

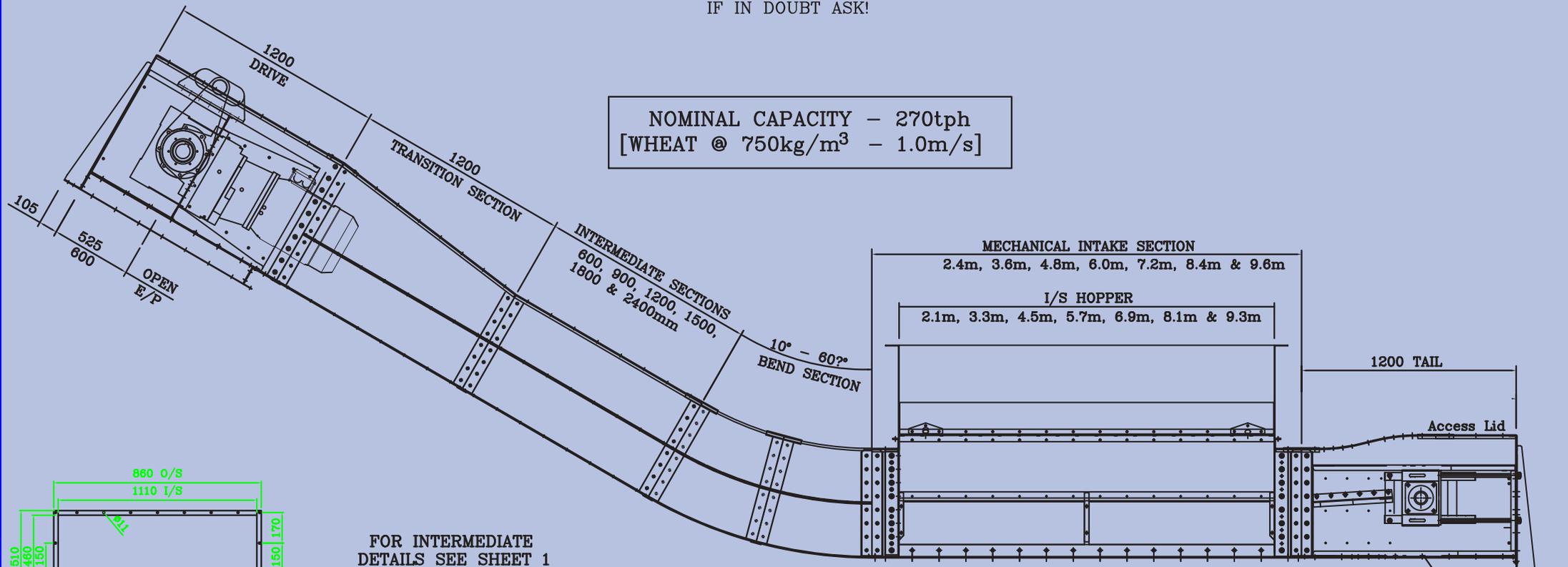
Floor/Clean-out Slide

105

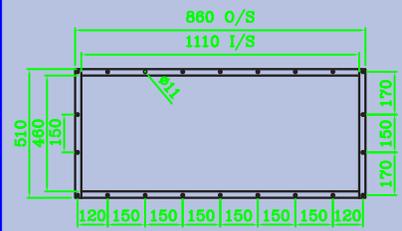
<p>PERRY OF OAKLEY LTD DUNKESWELL AIRFIELD HONITON DEVON EX14 4LF TEL. 01404 891400 FAX. 01404 891402</p>				MACHINE	400/52 DEEP FLIGHT IND. CONVEYOR		MATERIAL DETAILS		ALL DIMENSIONS IN mm TOLERANCES:- U.N.O. GENERAL ±0.5mm WELD ASSY'S ±1.0mm	DATE	09-07-15	DRN BY	R>B	SCALE	NTS	A4		
				ASSEMBLY	PLANNING IN DETAILS		WEIGHT			QTY. PER	THIRD ANGLE	DRG No.	ID1-400-52-CC		REV	A	SHT	1 OF 1
				PART	INTAKE CURVED COMBINATION		kg	1										

IF IN DOUBT ASK!

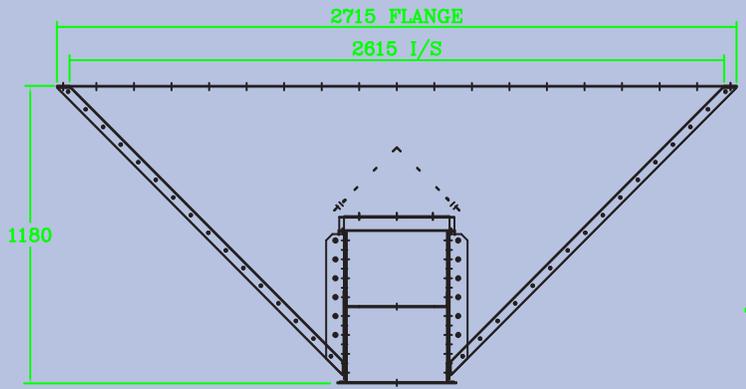
NOMINAL CAPACITY - 270tph
 [WHEAT @ 750kg/m³ - 1.0m/s]



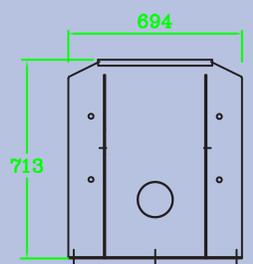
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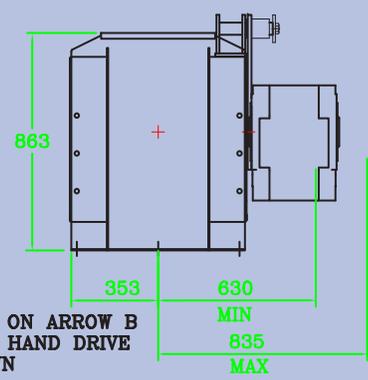
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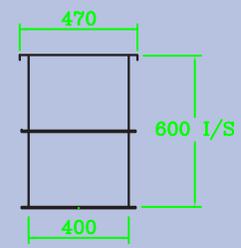
INTAKE SECTION



VIEW ON ARROW A



VIEW ON ARROW B LEFT HAND DRIVE SHOWN

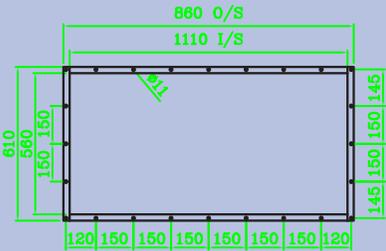
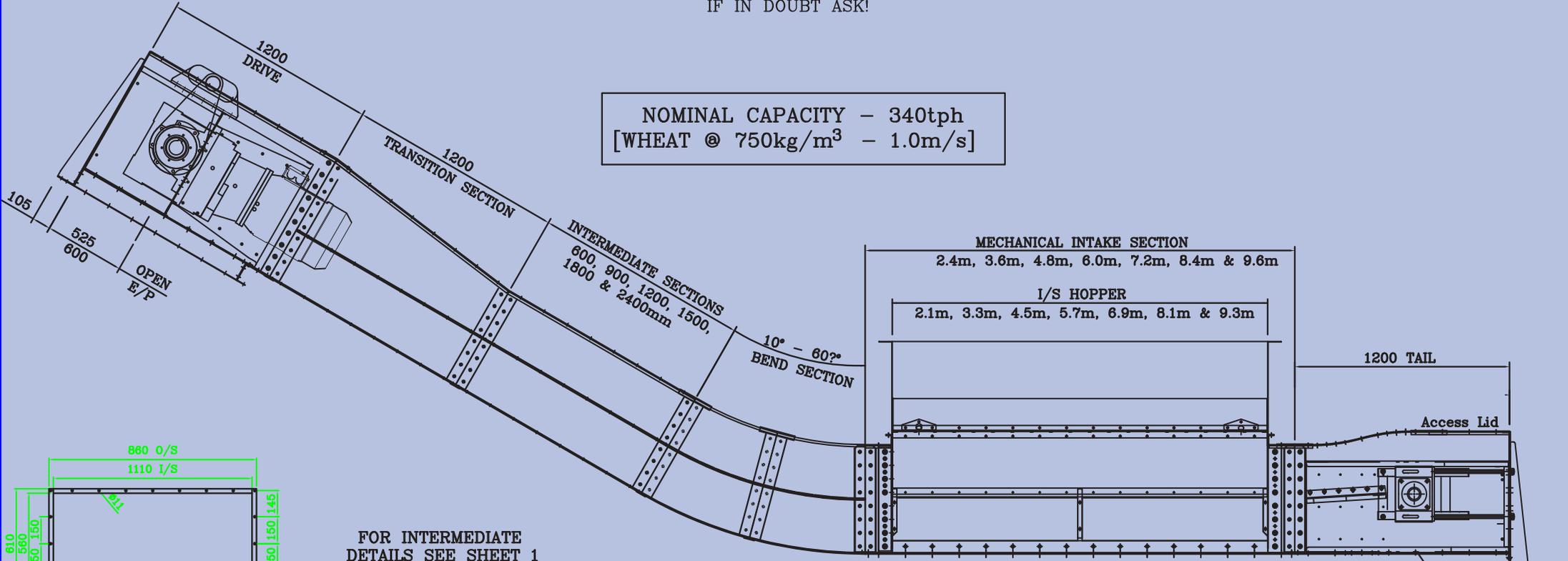


SECTION

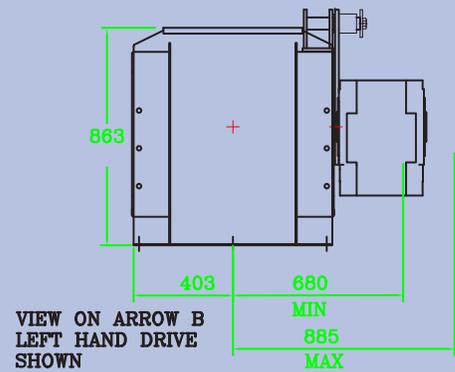
PERRY OF OAKLEY LTD DUNKESWELL AIRFIELD HONITON DEVON EX14 4LF TEL. 01404 891400 FAX. 01404 891402				MACHINE	400/60 DEEP FLIGHT IND. CONVEYOR		MATERIAL DETAILS		ALL DIMENSIONS IN mm TOLERANCES:- U.N.O. GENERAL ±0.5mm WELD ASSY'S ±1.0mm THIRD ANGLE	DATE	DRN BY	SCALE	A4 NTS SHT 1 OF 1	
				ASSEMBLY	PLANNING IN DETAILS		WEIGHT	QTY. PER		1	09-07-15	R>B		NTS
				PART	INTAKE CURVED COMBINATION						DRG No.	REV		SHT
REV	DETAIL	DATE	BY					ID1-400-60-CC	A	1 OF 1				

IF IN DOUBT ASK!

NOMINAL CAPACITY - 340tph
 [WHEAT @ 750kg/m³ - 1.0m/s]

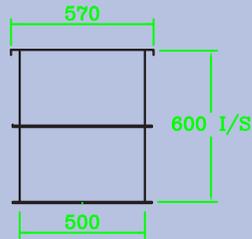


END OUTLET FLANGE DETAIL

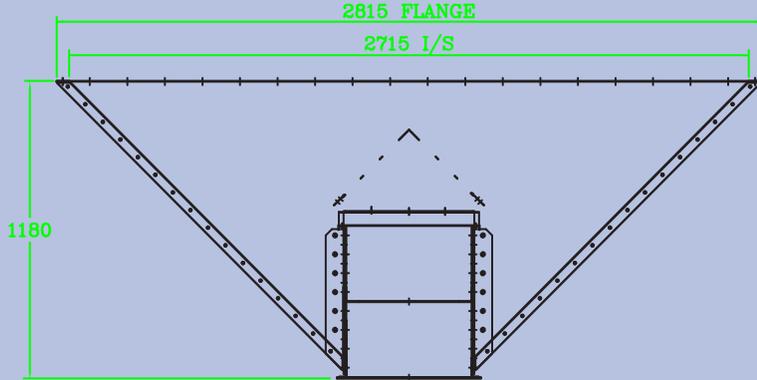


VIEW ON ARROW B LEFT HAND DRIVE SHOWN

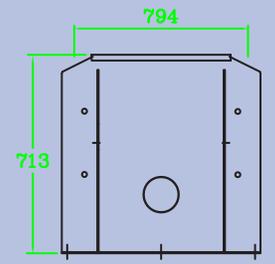
FOR INTERMEDIATE DETAILS SEE SHEET 1



SECTION



INTAKE SECTION



VIEW ON ARROW A

<p>PERRY OF OAKLEY LTD DUNKESWELL AIRFIELD HONITON DEVON EX14 4LP TEL. 01404 891400 FAX. 01404 891402</p>				<p>MACHINE 500/60 DEEP FLIGHT IND. CONVEYOR ASSEMBLY PLANNING IN DETAILS PART INTAKE CURVED COMBINATION</p>		<p>MATERIAL DETAILS WEIGHT kg QTY. PER 1</p>		<p>ALL DIMENSIONS IN mm TOLERANCES:- U.N.O. GENERAL ±0.5mm WELD ASSY'S ±1.0mm</p>		<p>DATE 09-07-15 DRN BY R>B DRG No. ID1-500-60-I</p>		<p>SCALE NTS A4 REV A SHT 1 OF 1</p>	
REV	DETAIL	DATE	BY										