

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.

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General Specification

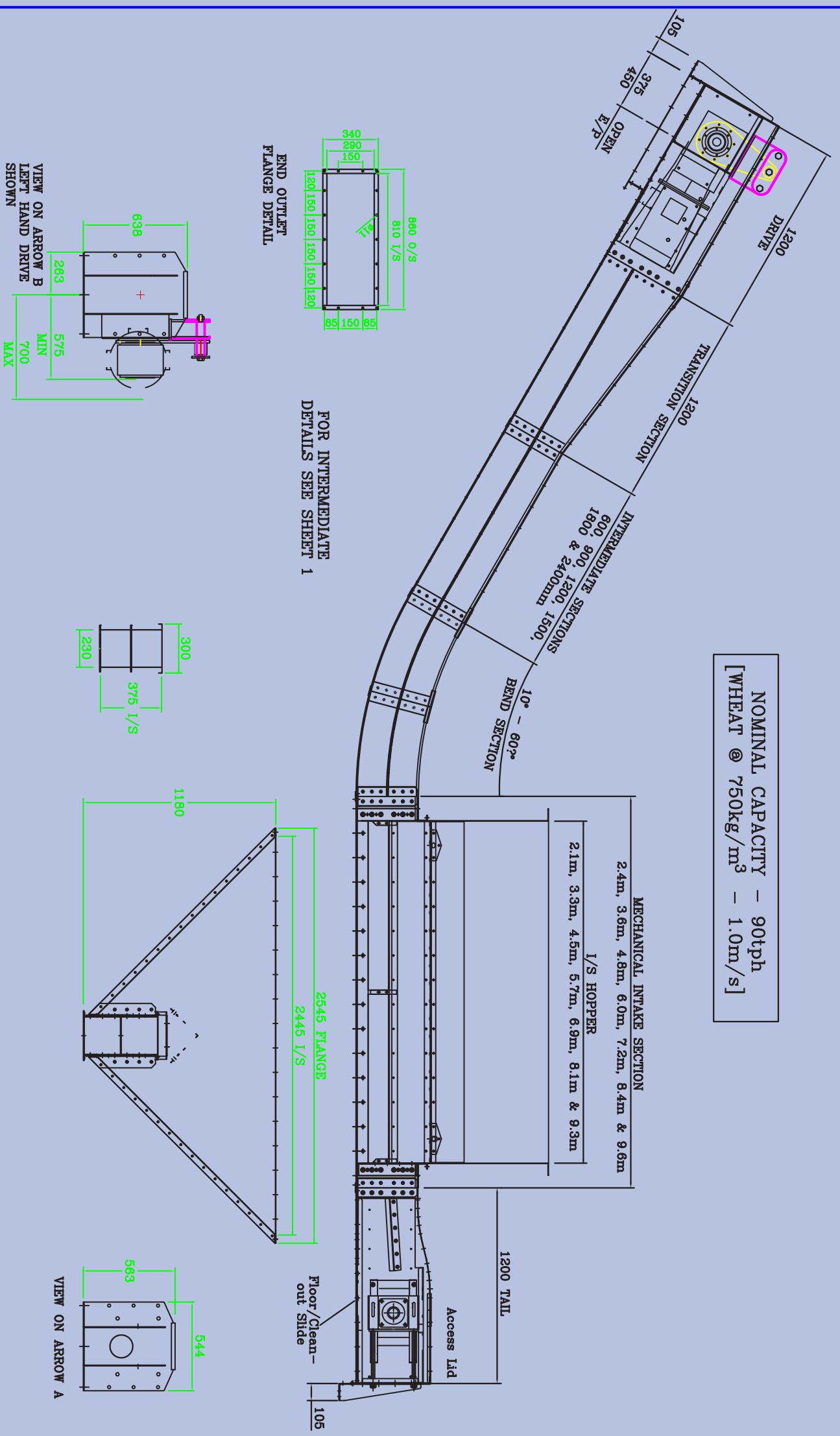
Model	Capacity tph	Chain Speed	Safe Conv Depth	Flight Size	O/All Case
230/37	65	0.7m/s	145mm	215x170	300x381
	70	0.8m/s			
	80	0.9m/s			
	90	1.0m/s			
300/37	80	0.7m/s	145mm	285x170	370x381
	95	0.8m/s			
	105	0.9m/s			
	115	1.0m/s			
230/45	80	0.7m/s	185mm	215x207	300x456
	90	0.8m/s			
	105	0.9m/s			
	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

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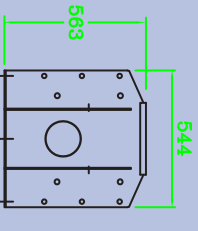
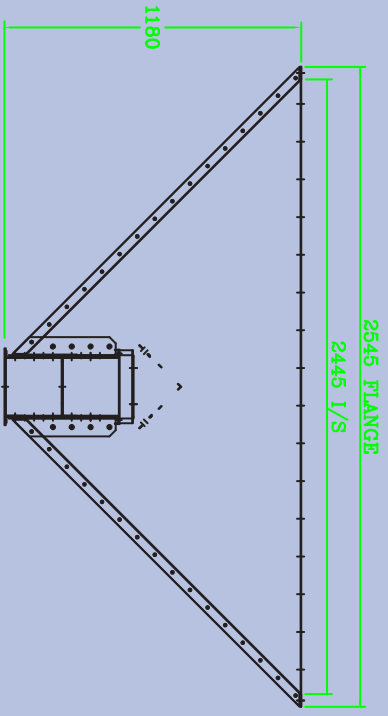
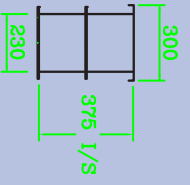
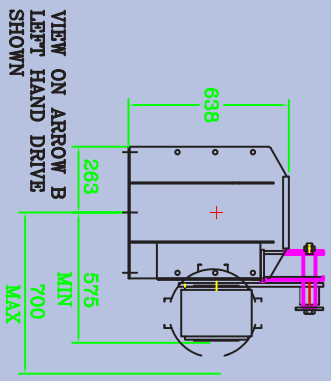
IF IN DOUBT ASK!

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



FOR INTERMEDIATE
 DETAILS SEE SHEET 1

END OUTLET
 FLANGE DETAIL

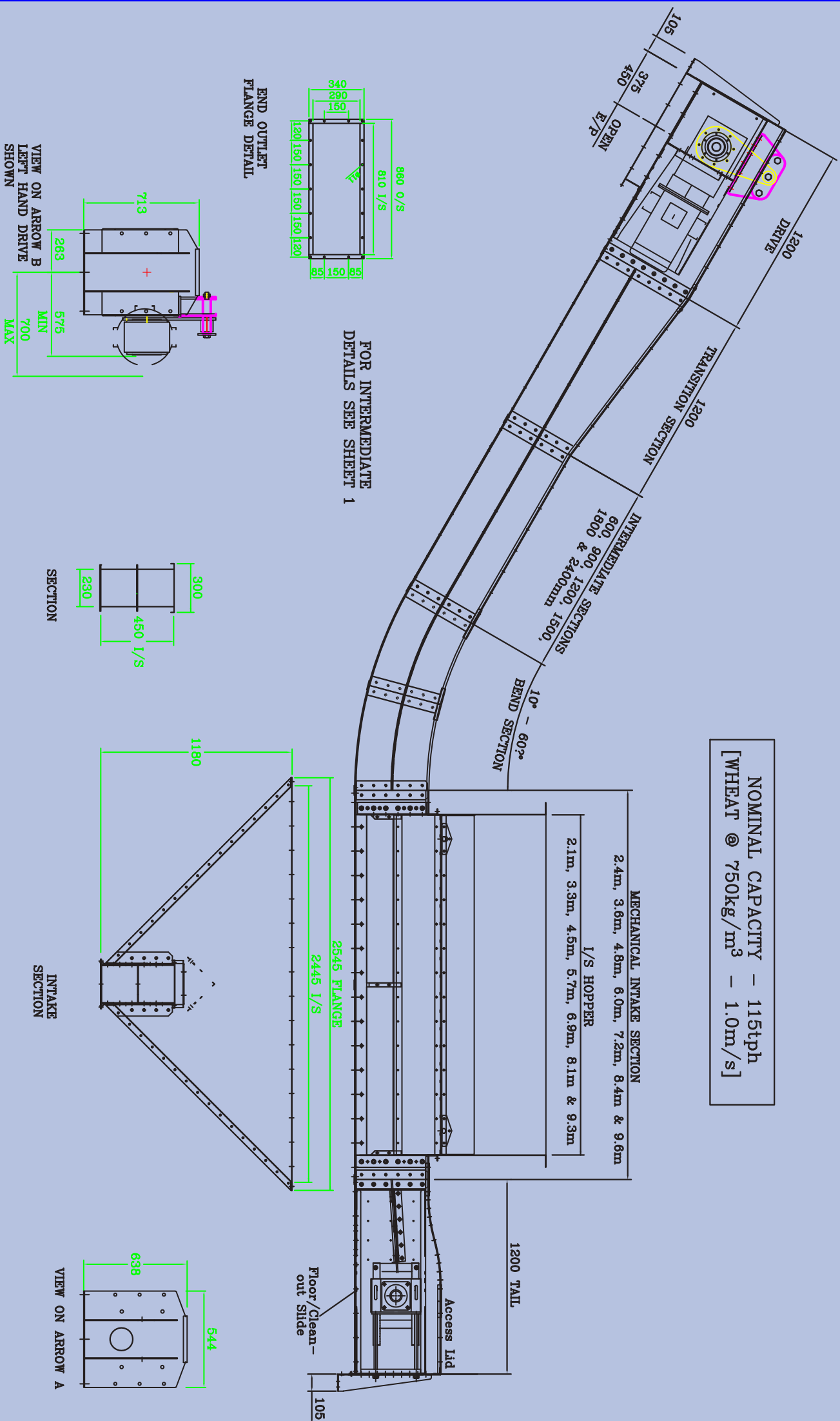


PERRY OF OAKLEY LTD DUNESWELL AIRFIELD HONINGTON DEVON EX14 4LP TEL 01404 891400 FAX 01404 891402		MACHINE 230/37 DEEP FLIGHT IND. CONVEYOR		MATERIAL DETAILS		DATE 09-07-15		DRN BY R>B		SCALE NTS	
ASSEMBLY PLANNING IN DETAILS		PART INTAKE CURVED COMBINATION		WEIGHT kg		QTY. PER 1		REV A		SHT 1 OF 1	
DETAIL		DATE		BY		DRG No. ID1-230-37-1		REV A		SHT 1 OF 1	

ALL DIMENSIONS IN mm
 TOLERANCES:- U/N.O.
 GENERAL ±0.5mm
 WELD ASSY'S ±1.0mm



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

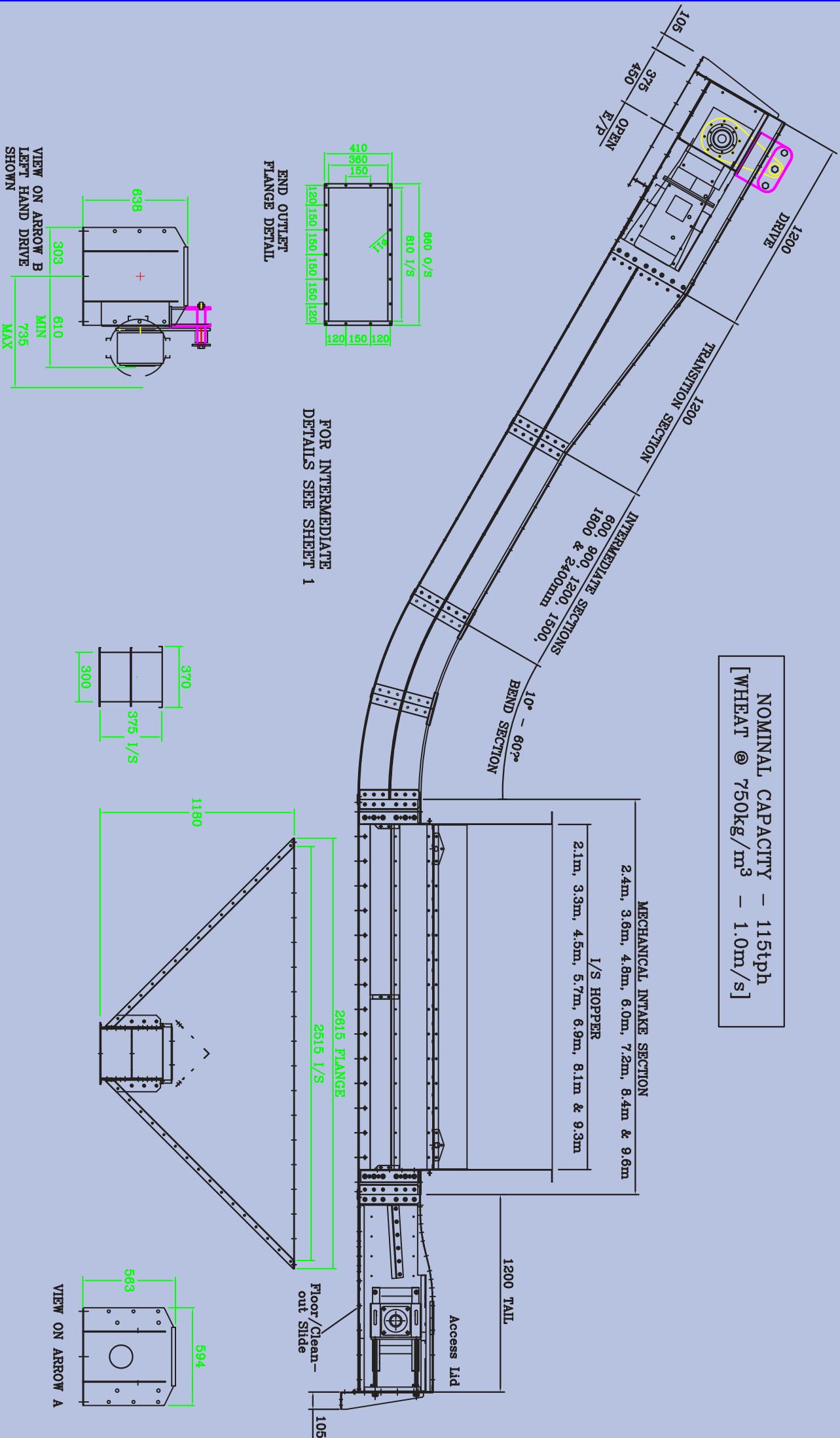


FOR INTERMEDIATE DETAILS SEE SHEET 1

REV		DETAIL		DATE		BY		PERRY OF OAKLEY LTD DUNKESWELL AIRFIELD HONINGTON DEVON EX14 4LP TEL. 01404 881400 FAX 01404 881402		MACHINE 230/45 DEEP FLIGHT IND. CONVEYOR		MATERIAL DETAILS		ALL DIMENSIONS IN mm TOLERANCES: - U.N.O. GENERAL ±0.5mm WELD ASSYS ±1.0mm		DATE 09-07-15		DRG No. ID1-230-45-CC									
										ASSEMBLY PART		PLANNING IN DETAILS INTAKE CURVED COMBINATION		WEIGHT kg		QTY. PER 1		DATE 09-07-15		DRN BY R>B		SCALE NTS		REV A		SHIT 1 OF 1	

IF IN DOUBT ASK!

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



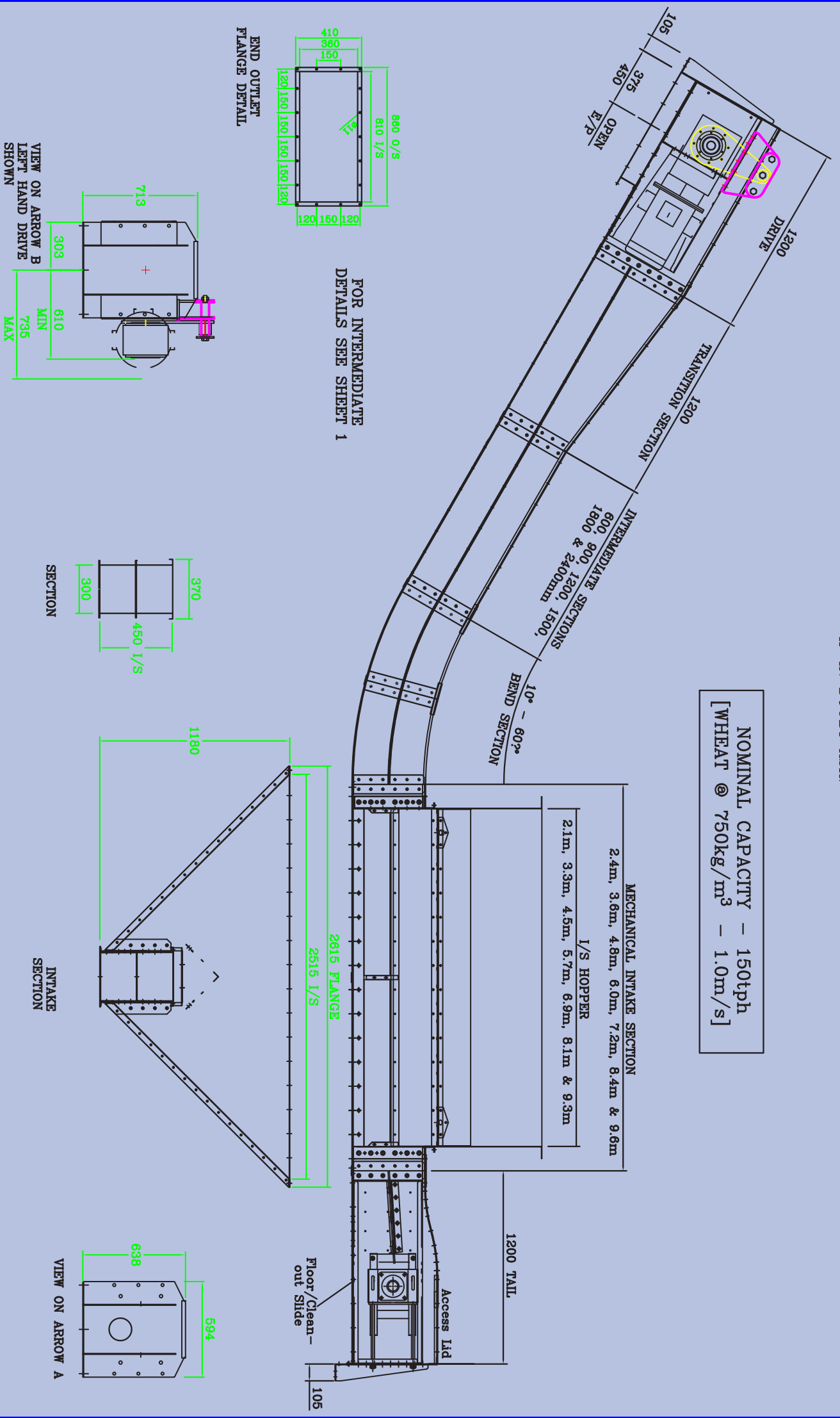
PERRY		MACHINE		300/37 DEEP FLIGHT IND. CONVEYOR		MATERIAL DETAILS		DATE		DGN BY		SCALE	
OF OAKLEY LTD		ASSEMBLY		PLANNING IN DETAILS		WEIGHT		09-07-15		R>B		NTS	
DUNKESWELL AIRFIELD		PART		INTAKE CURVED COMBINATION		QTY. PER		DRG No.		REV		SHT	
HONTON DEVON EX14 4LP						1		ID1-300-37-CC		A		1 OF 1	
TEL. 01404 881400 FAX 01404 881402								DATE		BY			
DETAIL													

ALL DIMENSIONS IN mm
 TOLERANCES - U.N.O.
 GENERAL ±0.5mm
 WELD ASSYS ±1.0mm

THIRD ANGLE

IF IN DOUBT ASK!

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

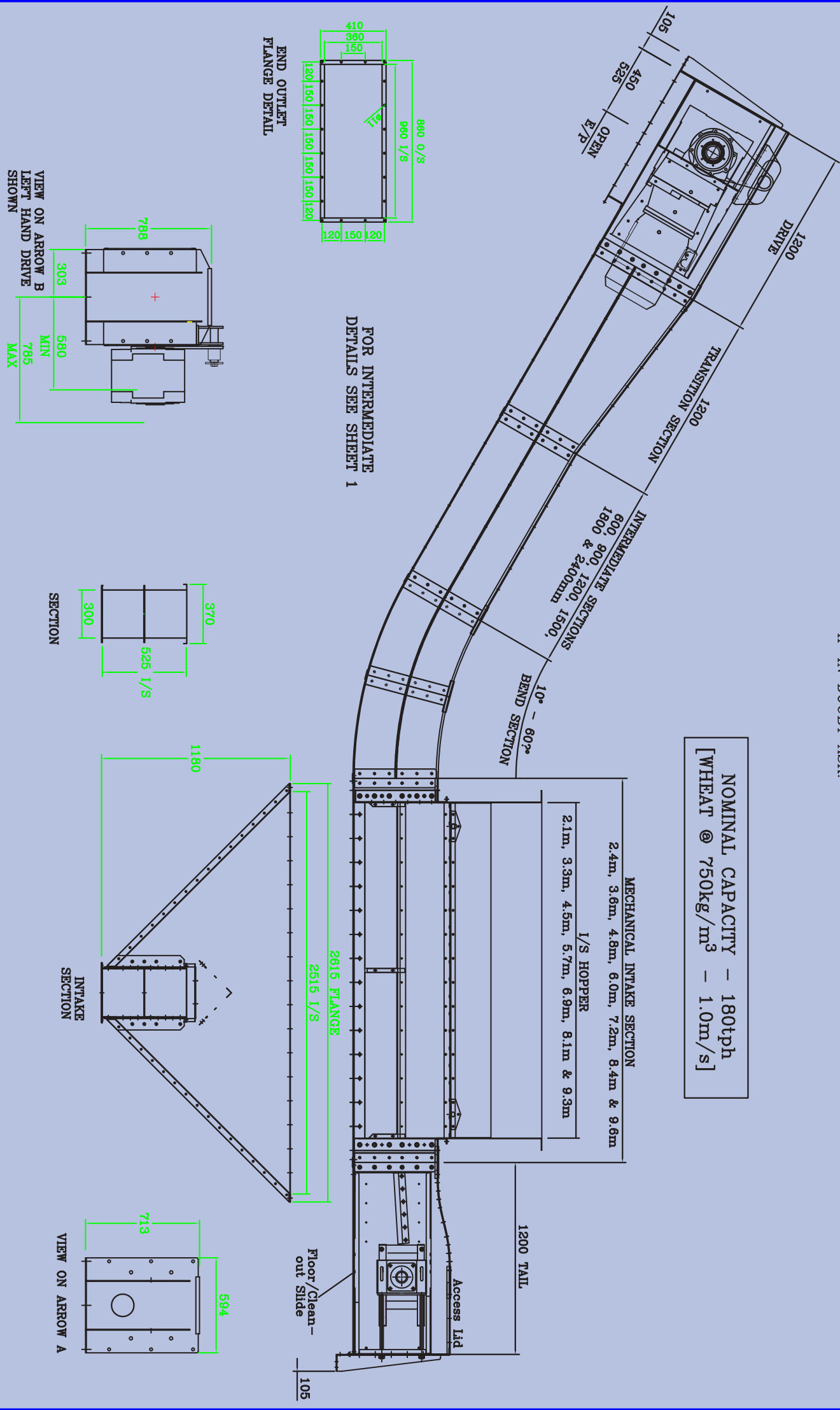


FOR INTERMEDIATE DETAILS SEE SHEET 1

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

IF IN DOUBT ASK!

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

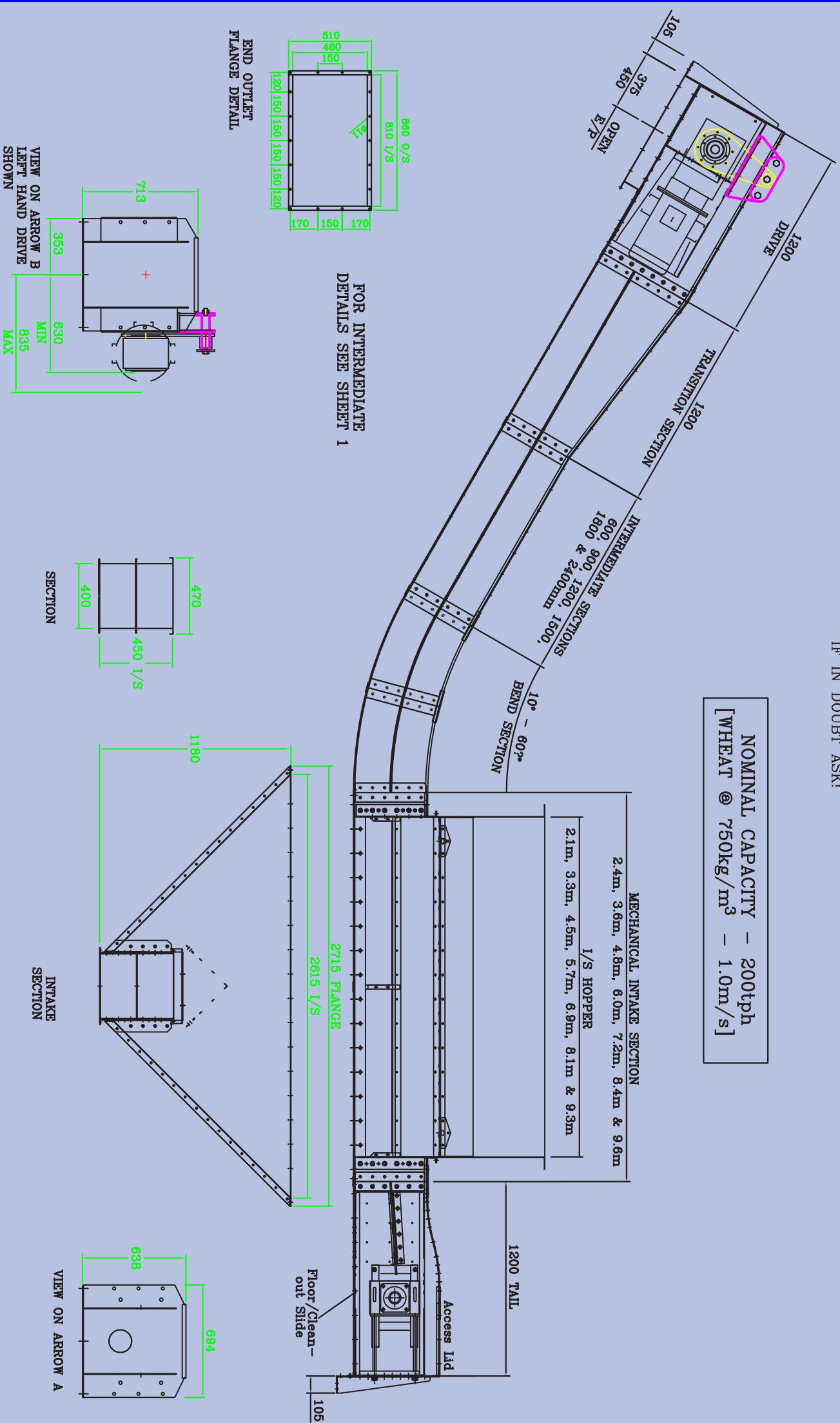


FOR INTERMEDIATE DETAILS SEE SHEET 1

PERRY OF OAKLEY LTD DUNKESWELL, AIRFIELD HONINGTON DEVON EX14 4LP TEL. 01404 891400 FAX 01404 891402		MACHINE 300/52 DEEP FLIGHT IND. CONVEYOR		MATERIAL DETAILS		DATE 09-07-15		DRN BY R>B		SCALE NTS		SHT A4	
ASSEMBLY PART		PLANNING IN DETAILS INTAKE CURVED COMBINATION		WEIGHT kg		QTY. PER 1		REV A		SHT 1 OF 1		DETAIL	
DATE		BY		DATE		BY		DATE		BY		DATE	

IF IN DOUBT ASK!

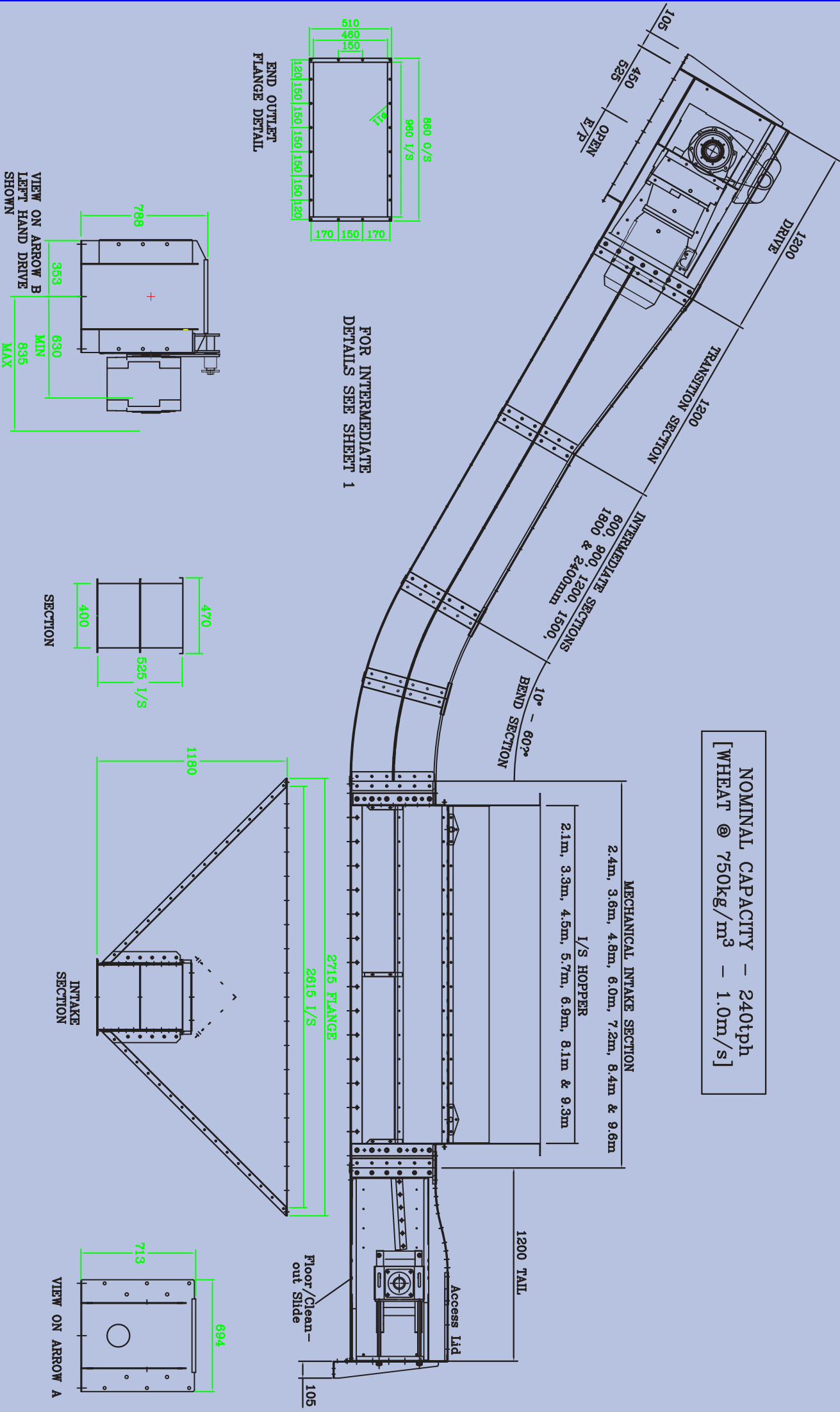
NOMINAL CAPACITY - 200tph
 [WHEAT @ 750kg/m³ - 1.0m/s]



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

IF IN DOUBT ASK!

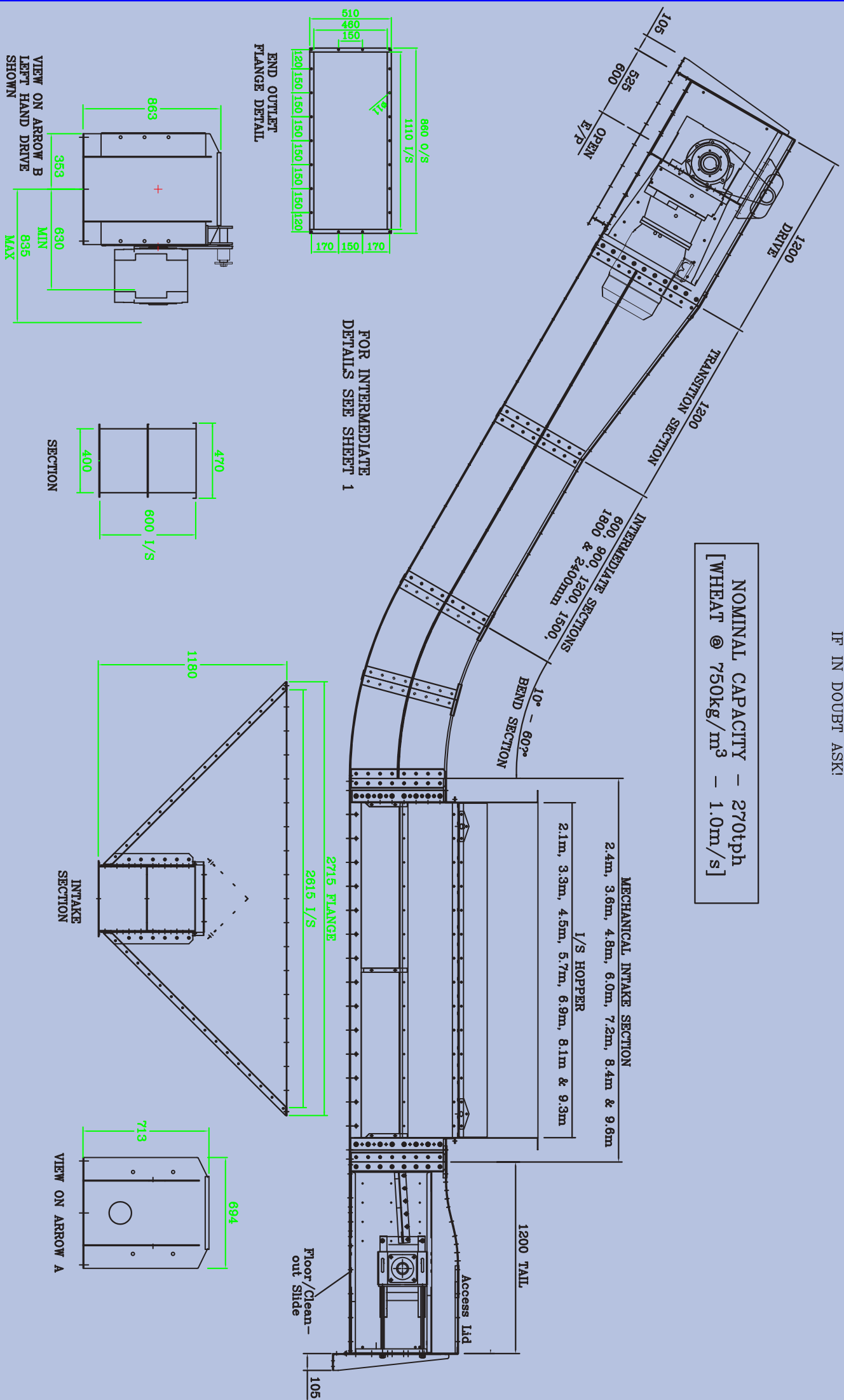
NOMINAL CAPACITY - 240tph
 [WHEAT @ 750kg/m³ - 1.0m/s]



REV	DETAIL	DATE	BY	PERRY OF OAKLEY LTD DUNKESWELL AIRFIELD HONINGTON DEVON EX14 4LP TEL. 01404 884400 FAX. 01404 884402	
				MACHINE	400/52 DEEP FLIGHT IND. CONVEYOR
				ASSEMBLY	PLANNING IN DETAILS
				PART	INTAKE CURVED COMBINATION
				MATERIAL DETAILS	ALL DIMENSIONS IN mm TOLERANCES:- U.N.O. GENERAL ±0.5mm WELD ASSY'S ±1.0mm
				WEIGHT	kg
				QTY. PER	1
				THIRD ANGLE	
		DATE	DRN BY	SCALE	
		09-07-15	R>B	NTS	A4
		DRG No.	REV	SHT	
		ID1-400-52-CC	A	1 OF 1	

IF IN DOUBT ASK!

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

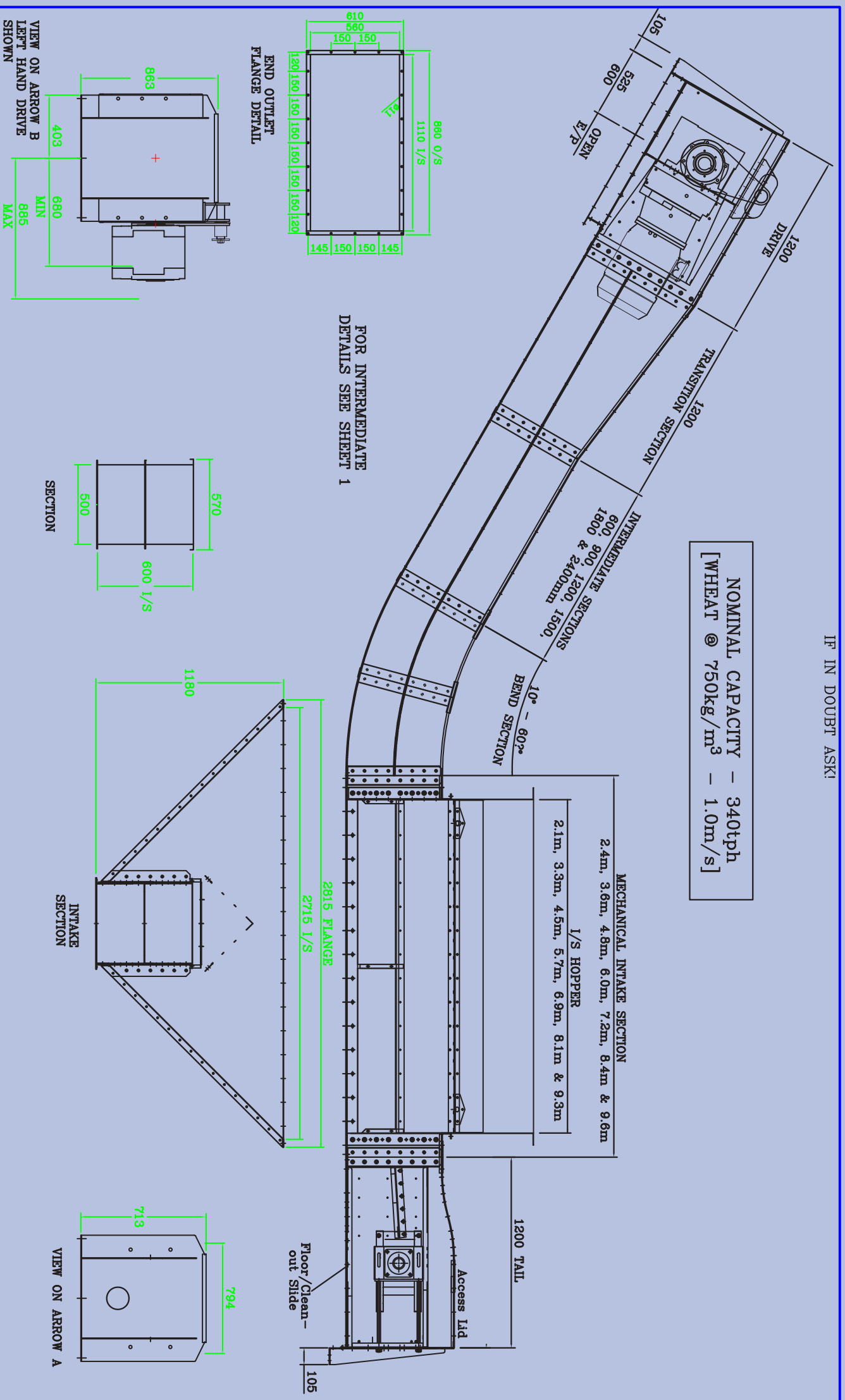


FOR INTERMEDIATE DETAILS SEE SHEET 1

REV	DETAIL	DATE	BY	PERRY OF OAKLEY LTD DUNKESWELL AIRFIELD HONTON DEVON EX14 4LP TEL. 01404 881400 FAX 01404 881402	MACHINE	400/60 DEEP FLIGHT IND. CONVEYOR	MATERIAL DETAILS		ALL DIMENSIONS IN mm	DATE	DRN BY	SCALE	
					ASSEMBLY	PLANNING IN DETAILS	WEIGHT	QTY. PER	TOLERANCES - U.N.O.	09-07-15	R>B	NTS	A4
					PART	INTAKE CURVED COMBINATION	kg	1	GENERAL ±0.5mm				
									WELD ASSYS ±1.0mm	DRG No.		REV	SHT
								THIRD ANGLE	ID1-400-60-CC		A	1 OF 1	

IF IN DOUBT ASK!

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



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