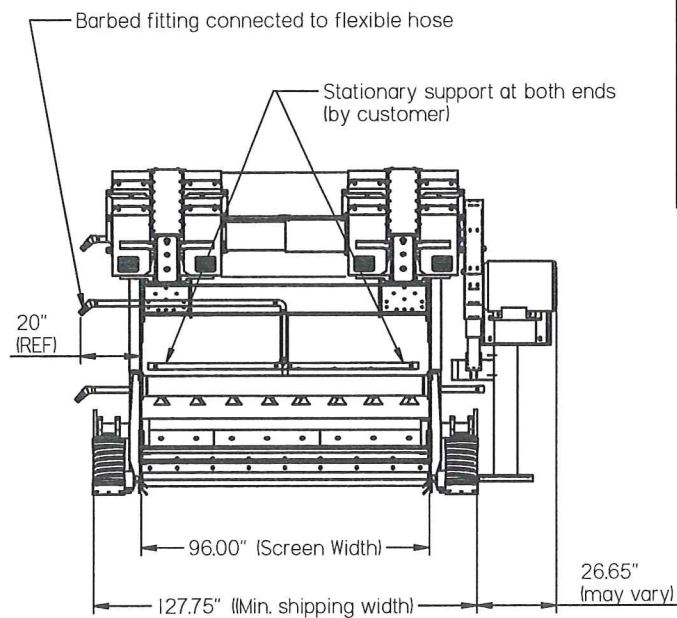
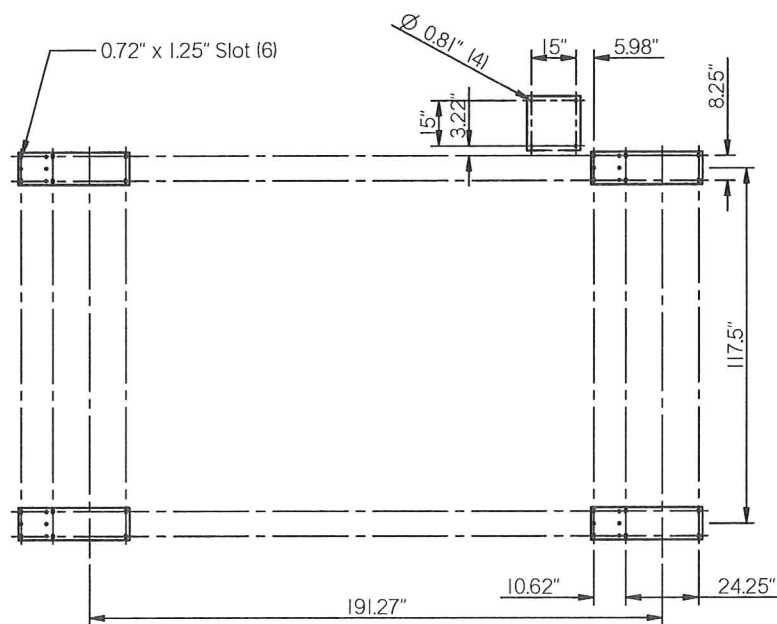
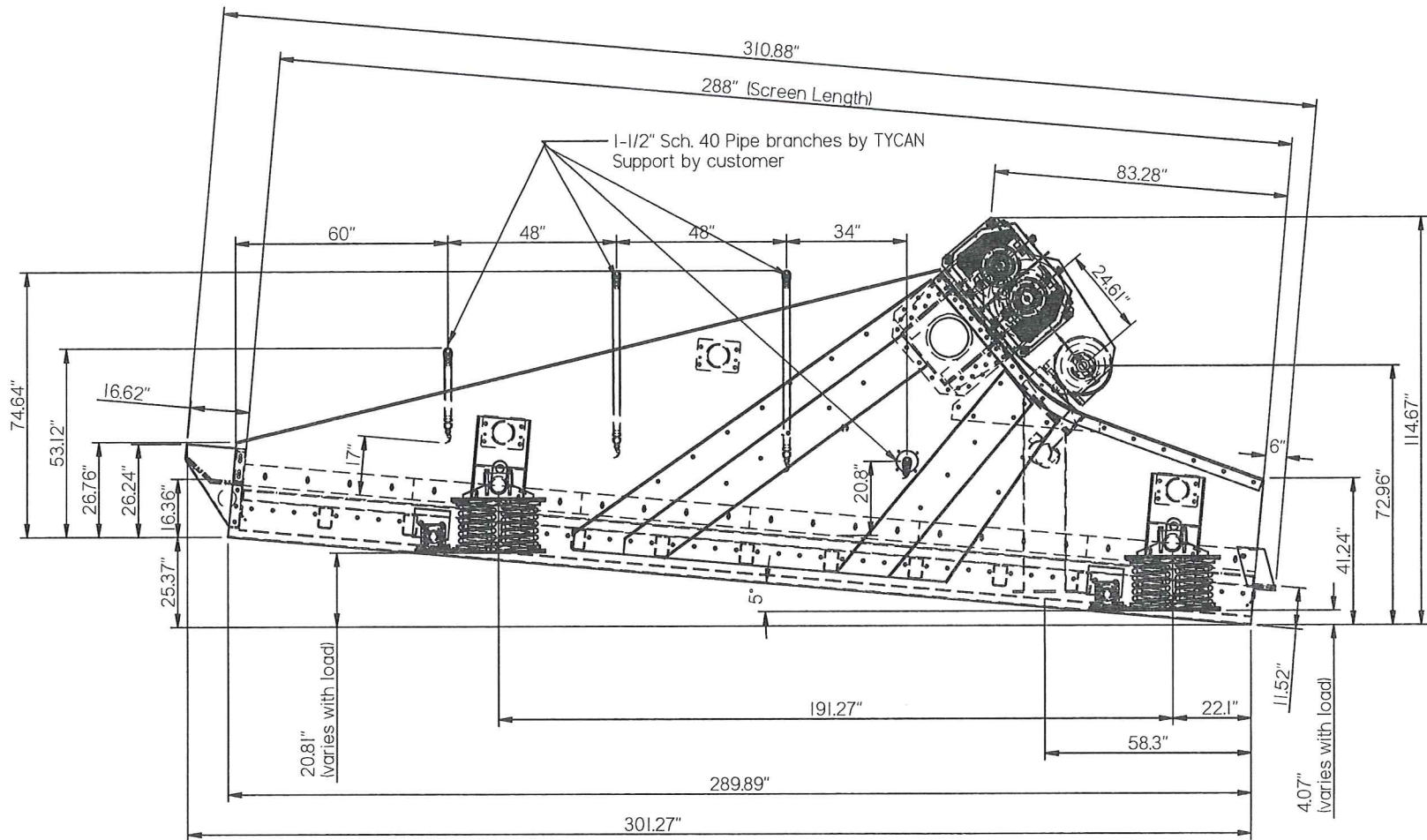


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NOTES:



IDENTIFICATION: HBSC102A		SECONDARY SCREEN	
TYCAN SERIAL NUMBER / P.O.	DB-1829	08008-014	
QUANTITY:	1		
MODEL:	TYCAN X260 L-Class 8' x 24' 1D		
OPERATION DATA SHEET			
SCREENING SURFACE PER DECK	17.84 m ² (192 ft ²)		
FEED MATERIAL	Potash		
BULK DENSITY:	86-87 Lbs / ft ³		
TEMPERATURE:	°C		
FEED RATE:	metric 114 t/h 125.7 st / h		
MATERIAL MOISTURE:	☐ DRY ☒ WET		
SPRAY WATER FLOW / PRESSURE:	(per branch) 60 gal / min 20 psi		
SPRAY PIPES / SPRAY NOZZLES:	4 x 2" diam. pipes 8 x F07 nozzles		
DESIGN DATA SHEET			
SCREEN TOTAL WEIGHT:	20100 #		
VIBRATING WEIGHT:	19150 #		
VIBRATING WEIGHT WITH MATERIAL:	21800 #		
SCREEN WEIGHT WITH BASE FRAME	N/A		
OPERATING AMPLITUDE / ACCELERATION:	0.14"/4.8g		
NOMINAL SPEED:	1100 rpm		
GROOVE TYPE / MOTOR PULLEY Diam. / SCREEN PULLEY Diam.:	GROOVE TYPE "C" / 12.0" / 13.0"		
POLES NUMBER / MOTOR SPEED:	6 Poles 1200 rpm		
MOTOR POWER:	50 hp		
MOTOR VOLTAGE / FREQ / PHASES:	480 V 60 Hz 3 Phases		
MOTOR TYPE / DESIGN / INSULATION CLASS:			
MOTOR FRAME / MANUFACTURE:	365-T / Westinghouse		
DRIVE MECHANISM / DRIVE SIDE (in FLOW):	BELT DRIVE / LEFT HAND		
SCREEN LOADS (lbs)			
VERTICAL	STATIC LOAD:	FEED (50%) 11400 #	DISCHARGE (50%) 11400 #
	OPERATING:	1158 #	1158 #
	STOPPING:	4372 #	4372 #
HORIZONTAL	OPERATING:	949 #	949 #
	STOPPING:	3204 #	3204 #
VERTICAL NATURE FREQUENCY:		113 RPM	113 RPM
HORIZONTAL NATURE FREQUENCY:		97 RPM	97 RPM
COMPLEMENTARY DATA SHEET			
DECK FRAME			
MEDIA TYPE:	TY-DECK		
MEDIA MATERIAL:	Urethane		
MEDIA APERTURE / WIRE DIAMETER:	0.85mm x 12.7mm		
OPENING SHAPE	Slotted		
MEDIA HOLDDOWN:	Pin & Sleeve		
LOCATION OF LINERS:		SIDE PLATE, FEED BOX, DISCHARGE LIPS	
LINER MATERIAL:	Urethane		
FEEDER CHUTE - MATERIAL / LINER:	N/A		
OVERSIZE CHUTE - MATERIAL / LINER:	N/A		
UNDERSIZE CHUTE - MATERIAL / LINER:	N/A		
DUST REMOVAL - MATERIAL / LINER:	N/A		
MOUNTING TYPE:	TALL SPRINGS		
IDENTIFICATION PLATE / LUBRICATION PLATE:	STAINLESS STEEL		
NOTES			
- THIS IS A CERTIFIED PRINT			
- PROVIDE CLEARANCE WITH STRUCTURE FOR REMOVAL OF MACHINE COMPONENTS			
- PROVIDE APPROX. 2 INCHES CLEARANCE AROUND VIBRATING BODY			
- THE FREQUENCY OF THE NATURAL VIBRATIONS FOR THE SUPPORTS MUST BE CHECKED TO ENSURE IT DOES NOT COINCIDE WITH CRITICAL REVOLUTION OF MACHINE.			

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	Cert. and updated customer info	2008.12.02	OT
B	5 deg. inclination added	2009.01.05	OT
C	Feed rate, dimension added	2009.05.28	OT
D	Pipe branch note updated	2009.09.01	OT
E	Re-certified for re-submission - pulley update	2010.01.26	OT

UNLESS OTHERWISE SPECIFIED
1. DIM ARE IN INCHES
2. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-1994
3. BREAK SHARP CORNERS .005 TO .010

LIMITS
1. LINEAR DIMS
X ± .050
XX ± .010
XXX ± .005
2. ANGLE ± 5°

THIRD ANGLE PROJECTION

DRN OT DATE 2008-11-14
CKD PW DATE 2008-11-18



W.S. TYLER CANADA
P.O. BOX 3006, ST.CATHARINES, ONTARIO.

Installation Drawing
TYCAN X260
L-Class 8'x24' ID

SIZE C DRAWING NO. 200235295 REV. E
SCALE 1:30 WEIGHT (LBS) (see table) SHEET 1 OF 1

Taken from: TAKEN FROM SE: FILE NO



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