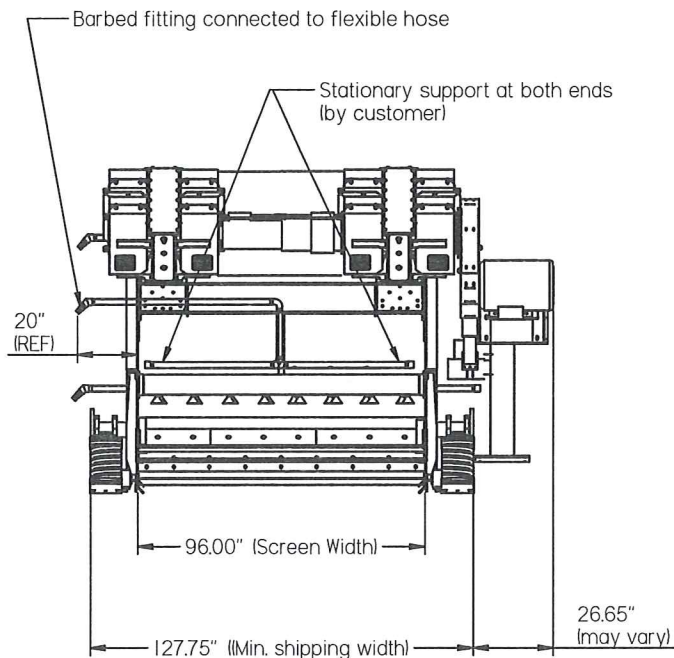
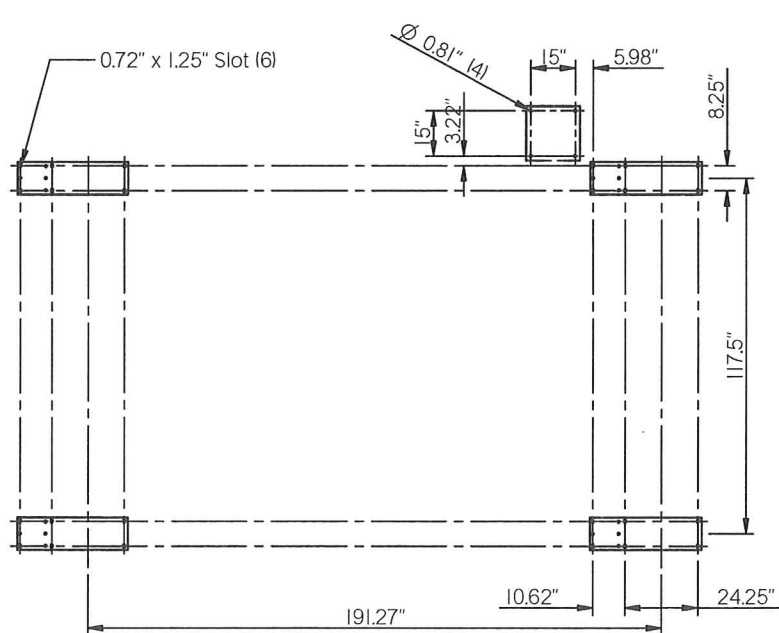
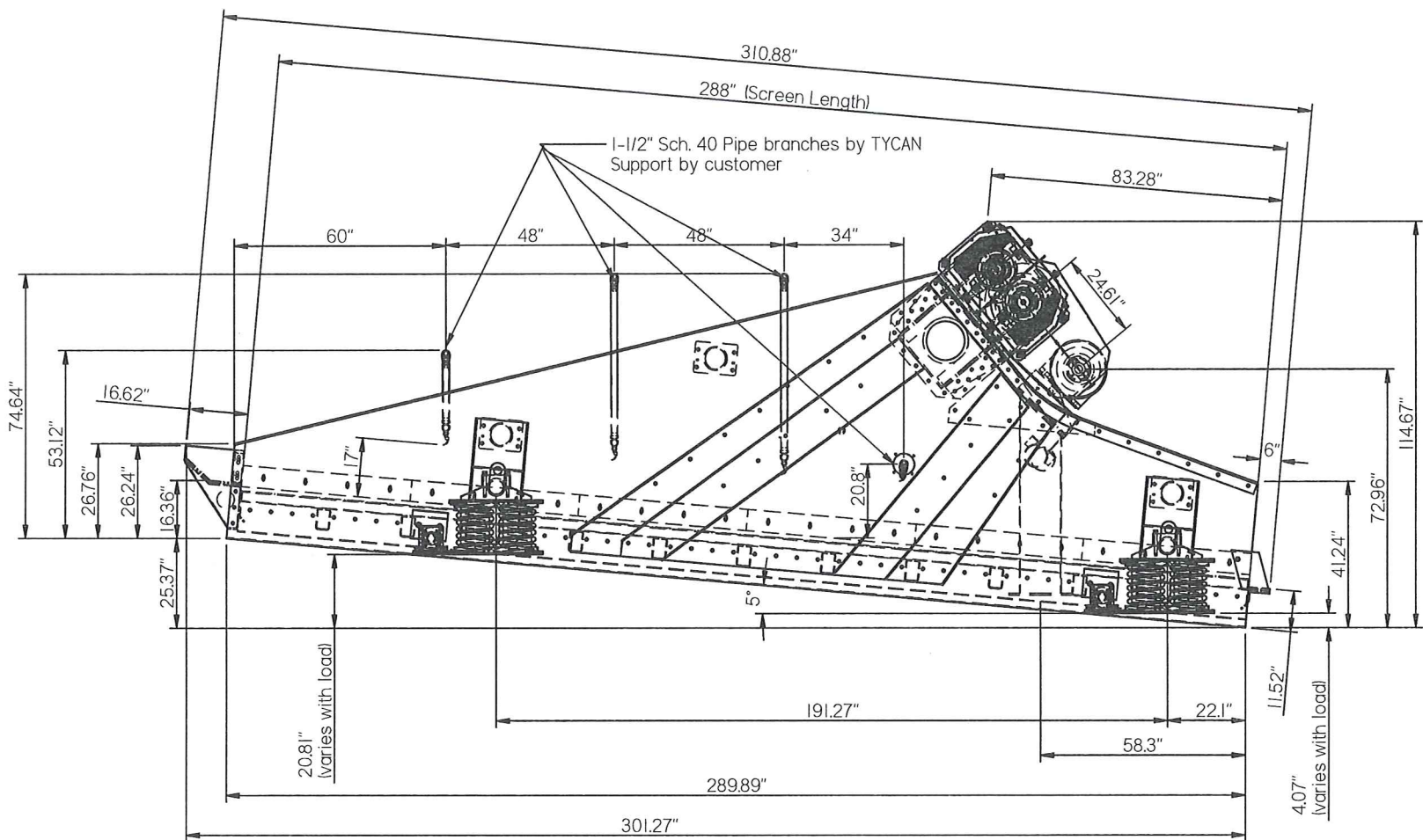


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NOTES:



IDENTIFICATION: TAG# SC-001 PRIMARY SCREEN

TYCAN SERIAL NUMBER / PO.		DB-1828	08008-014
QUANTITY :		1	
MODEL :		TYCAN X260 L-Class 8' x 24' 1D	
OPERATION DATA SHEET			
SCREENING SURFACE PER DECK		17.84 m² (192 ft²)	
FEED MATERIAL		Potash	
BULK DENSITY :		86-87 Lbs / ft³	
TEMPERATURE :		°C	
FEED RATE :		metric 303 t/h (334 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 P07 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
MOTOR TYPE/DESIGN/ INSULATION CLASS:	3 Phase	
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:		12.7mm x 12.7mm	
OPENING SHAPE		Square	
MEDIA HOLDDOWN:		Pin & Sleeve	
LOCATION OF LINERS:			
LINER MATERIAL:		SIDE PLATE, FEED BOX, DISCHARGE LIPS	
FEEDER CHUTE - MATERIAL / LINER:		Urethane	
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 - media update	2009.10.08	OT
F	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.

TITLE
Installation Drawing
TYCAN X260
L-Class 8'x24' 1D

SIZE C DRAWING NO. 200236131 REV. F
SCALE 1:30 WEIGHT (LBS) (see table) SHEET 1 OF 1