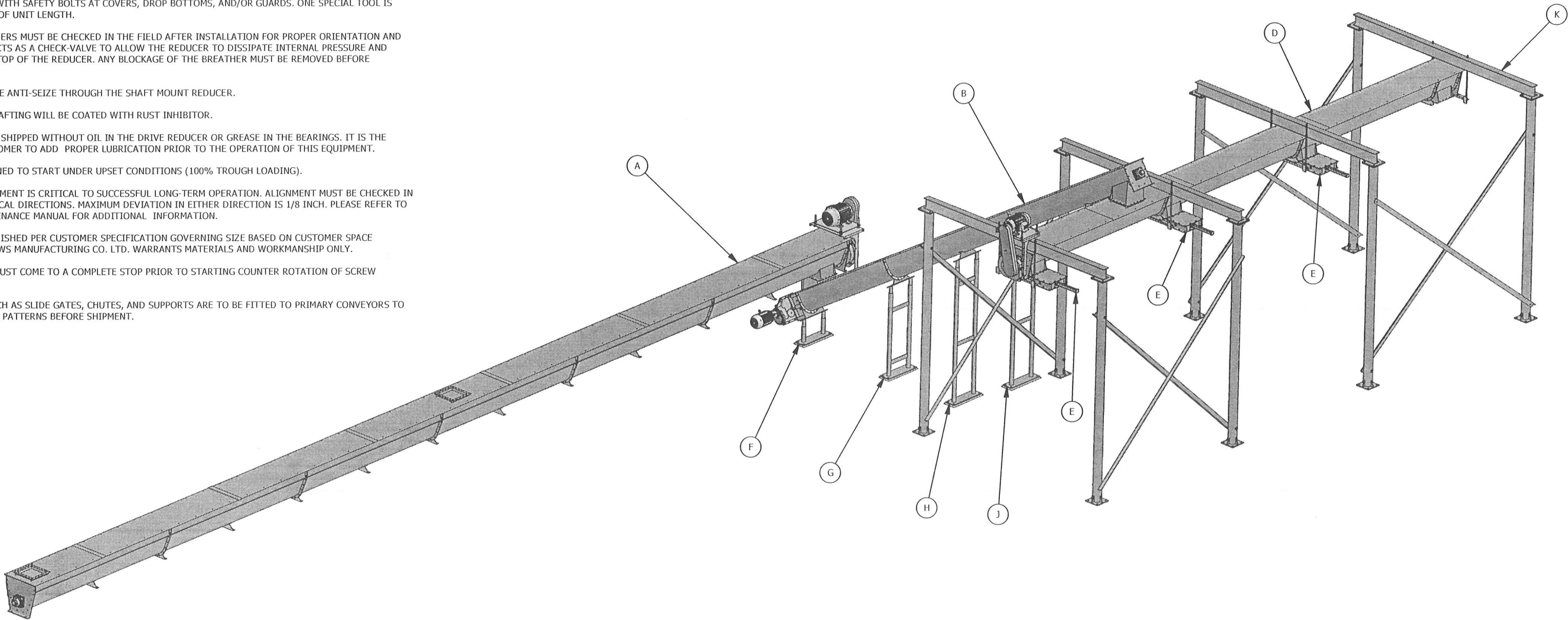


- GENERAL NOTES:
- 1- SHIP LOOSE AS PARTS ONLY.
- 2- FINISH REQUIREMENTS:
- A - SCREW ASSEMBLY: KWS INDUSTRIAL FINISH IS WELD: WELD SPATTER AND SLAG REMOVED, 40-50 GRIT FINISH, PITTS AND CREVICES PERMISSIBLE (CEMA II) FLIGHT SURFACE: MILL FINISH, NO GRINDING ON STEEL SURFACES PIPE: MILL FINISH, NO GRINDING ON STEEL SURFACES -BEAD BLAST SCREW ASSEMBLY TO UNIFORM FINISH.
- B - TROUGH ASSEMBLY: KWS INDUSTRIAL FINISH IT – INTERIOR AND EXTERIOR WELD: SPATTER AND SLAG REMOVED, 40-50 GRIT FINISH, PITTS AND CREVICES PERMISSIBLE (CEMA II) TROUGH SURFACE: MILL FINISH, NO GRINDING ON STEEL SURFACES
- 3- PAINT AS FOLLOWS: UNPAINTED EXTERIOR CARBON STEEL SURFACES ONLY
- A- SURFACE PREPARATION: HAND TOOL CLEAN PER SSPC-SP2
- B- FINISH COAT: KWS GREY ENAMEL, 2-3 MILS MINIMUM DFT.
- C- ALL BEARINGS, SEALS, DRIVE COMPONENTS WILL BE FURNISHED WITH MANUFACTURERS STANDARD PAINT SYSTEM.
- 4- DESIGN PARAMETERS:
- A- DESIGN TEMPERATURE: AMBIENT
- B- DESIGN PRESSURE: ATMOSPHERIC
- 5- TAG AS FOLLOWS:
- A- TAG: KWS MANUFACTURING CO. LTD. STANDARD WATERPROOF SHIPPING TAG
- 6- EQUIPMENT IS FURNISHED WITH SAFETY BOLTS AT COVERS, DROP BOTTOMS, AND/OR GUARDS. ONE SPECIAL TOOL IS SUPPLIED FOR EVERY 50 FEET OF UNIT LENGTH.
- 7- THE GEAR REDUCER BREATHERS MUST BE CHECKED IN THE FIELD AFTER INSTALLATION FOR PROPER ORIENTATION AND OPERATION. THE BREATHER ACTS AS A CHECK-VALVE TO ALLOW THE REDUCER TO DISSIPATE INTERNAL PRESSURE AND SHOULD BE LOCATED ON THE TOP OF THE REDUCER. ANY BLOCKAGE OF THE BREATHER MUST BE REMOVED BEFORE OPERATING THE EQUIPMENT.
- 8- THE DRIVE SHAFT WILL HAVE ANTI-SEIZE THROUGH THE SHAFT MOUNT REDUCER.
- 9- EXPOSED CARBON STEEL SHAFTING WILL BE COATED WITH RUST INHIBITOR.
- 10- THIS EQUIPMENT IS BEING SHIPPED WITHOUT OIL IN THE DRIVE REDUCER OR GREASE IN THE BEARINGS. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO ADD PROPER LUBRICATION PRIOR TO THE OPERATION OF THIS EQUIPMENT.
- 11- EQUIPMENT IS NOT DESIGNED TO START UNDER UPSET CONDITIONS (100% TROUGH LOADING).
- 12- PROPER EQUIPMENT ALIGNMENT IS CRITICAL TO SUCCESSFUL LONG-TERM OPERATION. ALIGNMENT MUST BE CHECKED IN BOTH HORIZONTAL AND VERTICAL DIRECTIONS. MAXIMUM DEVIATION IN EITHER DIRECTION IS 1/8 INCH. PLEASE REFER TO KWS OPERATIONS AND MAINTENANCE MANUAL FOR ADDITIONAL INFORMATION.
- 13- EQUIPMENT IS BEING FURNISHED PER CUSTOMER SPECIFICATION GOVERNING SIZE BASED ON CUSTOMER SPACE RESTRICTIONS, THEREFORE, KWS MANUFACTURING CO. LTD. WARRANTS MATERIALS AND WORKMANSHIP ONLY.
- 14- REVERSIBLE CONVEYORS MUST COME TO A COMPLETE STOP PRIOR TO STARTING COUNTER ROTATION OF SCREW CONVEYOR DRIVE.
- 15- AUXILIARY EQUIPMENT SUCH AS SLIDE GATES, CHUTES, AND SUPPORTS ARE TO BE FITTED TO PRIMARY CONVEYORS TO CHECK AND VERIFY BOLT HOLE PATTERNS BEFORE SHIPMENT.

BILL OF MATERIALS				
ITEM	QTY	*	DESCRIPTION	REV
SHIP LOOSE ITEMS / SPARE PARTS (TO BE CRATED AND LABELED AS REQ'D)				
L	64		3/4-10 UNC X 2 1/4" LG. HHMB WITH (1) EXTL, (2) FW, & (1) HN.	
M	16		3/4-10 UNC X 9" LG. HHMB WITH (2) EXTL, (2) FW, & (1) HN.	

BILL OF MATERIALS				
ITEM	QTY	*	DESCRIPTION	REV
A	ONE		14" DIA. (C.S.) SCREW CONVEYOR	
B	ONE		14" DIA. (C.S.) SCREW CONVEYOR	
D	ONE		14" DIA. (C.S.) SCREW CONVEYOR	
E	THREE		PG14316F, 15" INS. SQ. X 3/16" THK. (C.S.) FLAT PNEUMATIC SLIDE GATE WITH 1/4" THK. (C.S.) SLIDE PLATE.	
F	ONE		PS14, 14" DIA. (C.S.) PIPE SUPPORT FOR FLARED TROUGH SCREW CONVEYOR	
G	ONE		PS14, 14" DIA. (C.S.) PIPE SUPPORT FOR FLARED TROUGH SCREW CONVEYOR	
H	ONE		PS14, 14" DIA. (C.S.) PIPE SUPPORT FOR FLARED TROUGH SCREW CONVEYOR	
J	ONE		PS14, 14" DIA. (C.S.) PIPE SUPPORT FOR FLARED TROUGH SCREW CONVEYOR	
K	ONE		SPL, W8x18 SUPPORT (C.S.) STRUCTURE w/ 6" SCH 40 PIPE SUPPORTS. (PER DETAIL)	



FULL RELEASE 10-27-2023

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WEIGHT: 26,500 LBS.

CUSTOMER

ANDERSON & RODGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509

SHIP TO:

ANDERSON & ROGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509



Design
Engineering
Manufacturing

KWS MANUFACTURING CO., LTD.
3041 CONVEYOR DRIVE
BURLESON, TX 76028
Phone: (817) 295-2247
Fax: (817) 447-8528
Website: www.kwsmfg.com
Email: sales@kwsmfg.com

12" & 14" DIA. SCREW CONVEYOR
GENERAL NOTES, B.O.M. & ISO VIEW

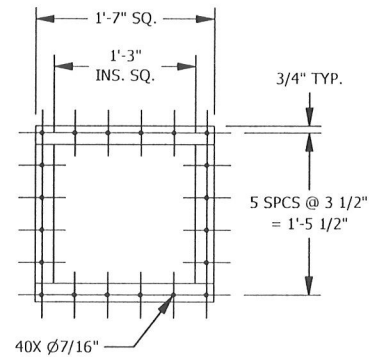
DESIGNER
JLK

P.M.
DRH

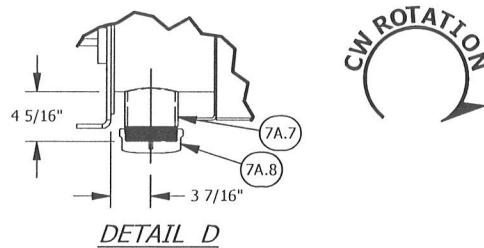
CHECKED BY
DRH

CREATION DATE
10/25/2023

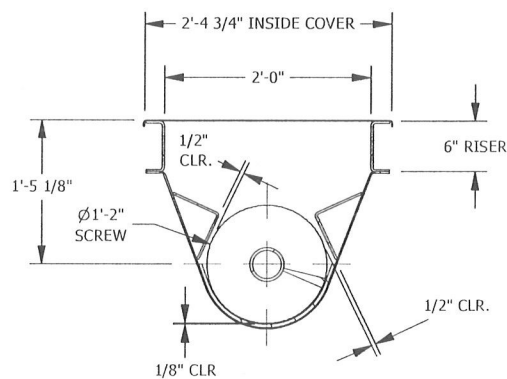
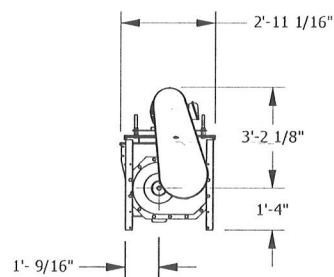
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0196470-GN



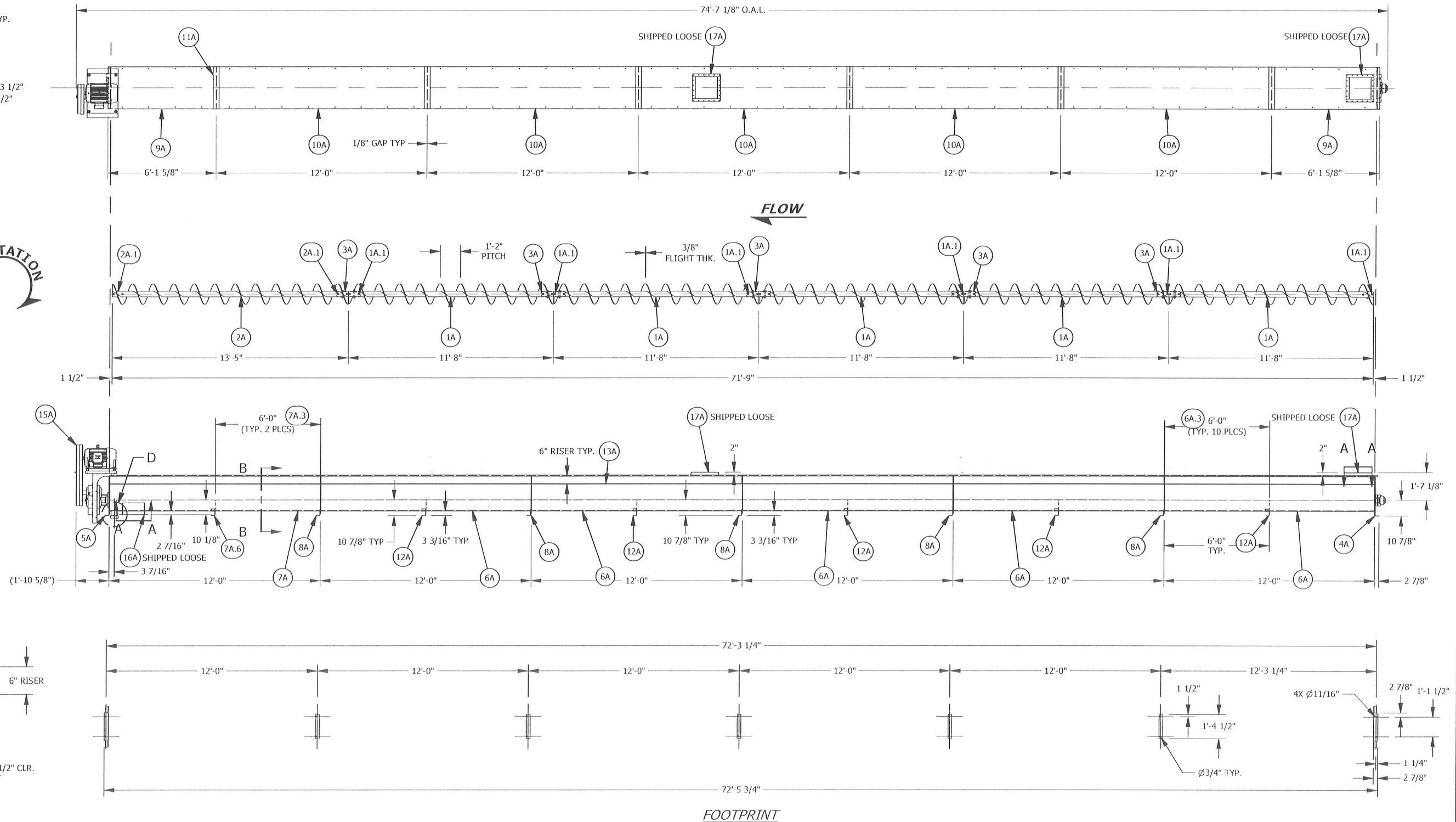
VIEW A-A
INLET & DISCHARGE DRILLING



DETAIL D



SECTION B-B



FOOTPRINT

FULL RELEASE 10-27-2023

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WEIGHT: 10,500 LBS.

CUSTOMER
ANDERSON & RODGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509

SHIP TO:
ANDERSON & RODGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509



**Design
Engineering
Manufacturing**

KWS MANUFACTURING CO., LTD
3041 CONVEYOR DRIVE
BURLESON, TX 76028
Phone: (817) 295-2247
Fax: (817) 447-8528
Website: www.kwsmf.com
Email: sales@kwsmf.com

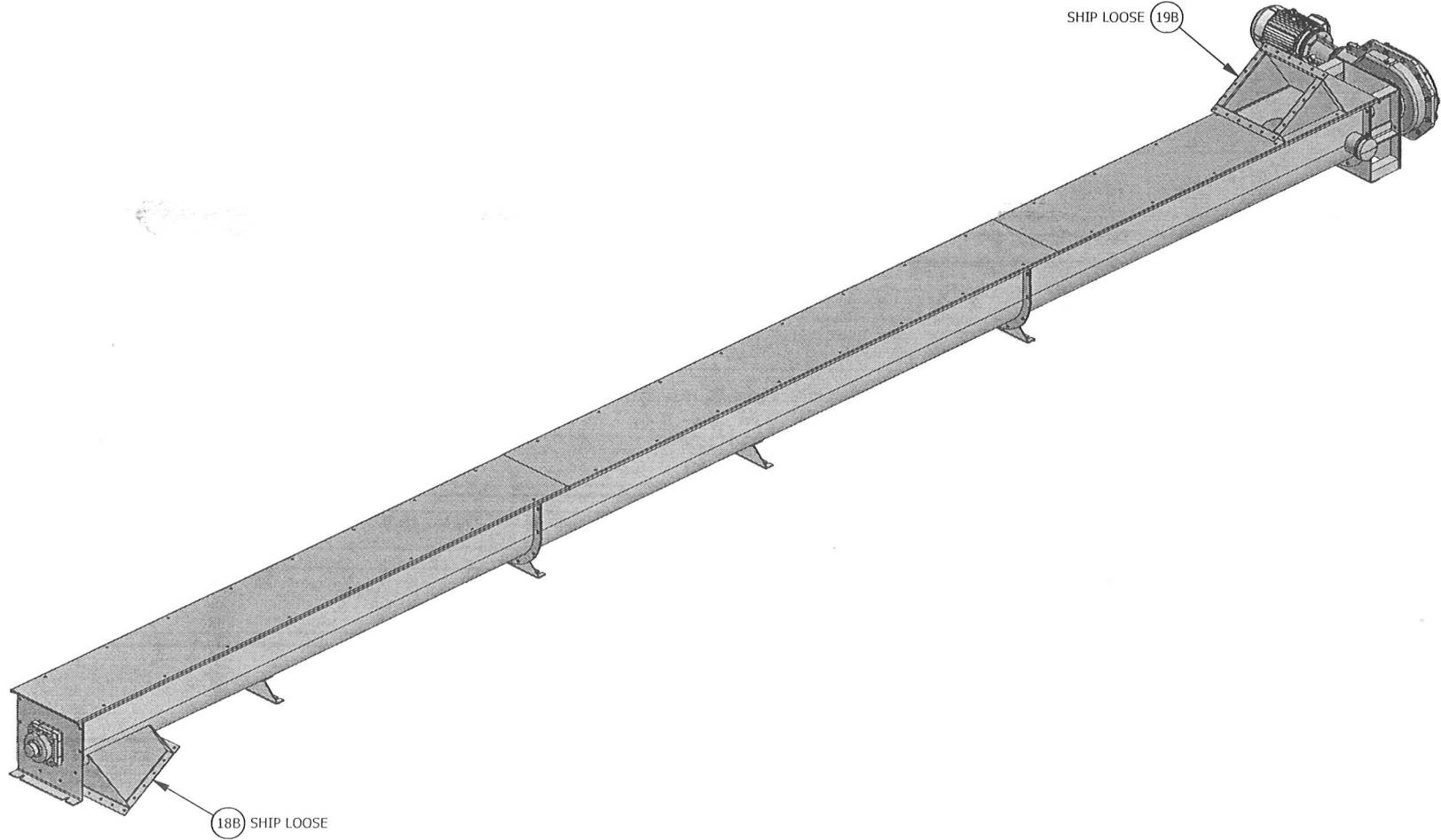
**12" DIA. SCREW CONVEYOR
ARRANGEMENT**

DESIGNER	P.M.	CHECKED BY	CREATION DATE	DRAWING NO.
JLK	DRH	DRH	10/21/2023	0196470-A1

SHIP LOOSE ITEMS / SPARE PARTS (TO BE CRATED AND LABELED AS REQ'D						
ITEM	QTY	*	DESCRIPTION	THK	MATL	REV
18B	1		SPL, 15" INS. SQ. X 3/16" THK. (C.S.) DISCHARGE SPOUT TO MATCH GRADE. (PER DETAIL)			
19B	1		SPL, 15" INS. X 15" INS. X 10GA. (A36MS) INCLINED INLET SPOUT.(PER DETAIL)			
BLT 1	22		3/8-16 UNC X 1 1/2 IN LG. HHMB WITH (1) LW, (2) FW, & (1) HN (FOR USE WITH INLET CONNECTIONS.)			
BLT 2	9		1/2-13 UNC X 2 IN LG. HHMB WITH (1) LW, (2) FW, & (1) HN (FOR USE WITH FOOT AND SADDLE CONNECTIONS TO PIPE SUPPORTS.)			

BILL OF MATERIALS						
ITEM	QTY	*	DESCRIPTION	THK	MATL	REV
11B	2		COV14GAU-FL, 14" X 10GA. (C.S.) FLANGED COVER FOR U-TROUGH BOLTED ON APPROX. 18" CENTERS AND w/ (2) SAFETY BOLTS.	0.135 in	A36	
12B	1		COV14GAU-FL, 14" X 10GA. (C.S.) FLANGED COVER FOR U-TROUGH BOLTED ON APPROX. 18" CENTERS AND w/ (2) SAFETY BOLTS. FITTED WITH:	0.135 in	A36	
13B	1		COV14316U-SH-L144, 14" DIA. X 3/16" THK. (C.S.) X 12'-0" LG. U-TROUGH SHROUD ASSEMBLY			
14B	1		SPL, 14" DIA. X 3/16" THK. (C.S.) X 6'-7 5/16" LG. U-TROUGH SHROUD ASSEMBLY (PER DETAIL)			
15B	1		SPL, 14" DIA. X 3/16" THK. (C.S.) X 10'-9 7/8" LG. U-TROUGH SHROUD ASSEMBLY (PER DETAIL)			
16B	LOT	*	3/16" THK. BLACK NITRILE BLEND (IV1) COVER GASKET AND SILICONE CAULK FOR FLANGE CONNECTIONS AND ZINC PLATED CARBON STEEL ASSEMBLY BOLTS.			
17B	ONE		15 HP 35 RPM CLASS II SCREW CONVEYOR DRIVE SUPPLIED AND MOUNTED @ 3 O'CLOCK BY KWS AND CONSISTING OF:			
17B.1	1		DODGE M5H51T25C CLASS II REDUCER, POSITION C, MOTOR MOUNT POSITION M3, AND WITH 3" (C.S.) DIA DRIVE SHAFT, WITH SCREW CONVEYOR ADAPTER			
17B.2	1		15 HP, 1750 RPM, 3PH/60HZ/230-460V, INVERTER CAPABLE, PREMIUM EFFICIENCY, TEFC MOTOR WITH 254TC FRAME. (BALDOR PN: VEM2333T)			

BILL OF MATERIALS						
ITEM	QTY	*	DESCRIPTION	THK	MATL	REV
B	ONE		14" DIA. SCREW CONVEYOR TO CONVEY 2153 CFH OF 65 PCF UNIFORMLY FED OFFAL MATERIAL AT APPROXIMATELY 40% TROUGH LOADING, SHOP ASSEMBLED AND CONSISTING OF:			
1B	2	*	SPL, 14" DIA. X 3/8" THK. (C.S.) X 9" PITCH, RIGHT HAND, SECTIONAL SCREW, CONTINUOUSLY WELDED ON BOTH SIDES TO A 3 1/2" SCH 80 (C.S.) PIPE. BUSHED AND DRILLED BOTH ENDS FOR A 3" DIA. 3-BOLT COUPLING. (PER DETAIL) NOTE: CLOSE COUPLED AND CLOCKED.			
1B.1	6	*	CB3312, 3/4" DIA. X 5" LG. (ZINC PLATED C.S.) (GRADE 5) COUPLING BOLT WITH LOCKNUT (STOCK).			
2B	1	*	SPL, 14" DIA. X 3/8" THK. (C.S.) X 9" PITCH, RIGHT HAND, SECTIONAL SCREW, CONTINUOUSLY WELDED ON BOTH SIDES TO A 3 1/2" SCH 80 (C.S.) PIPE. BUSHED AND DRILLED BOTH ENDS FOR A 3" DIA. 3-BOLT COUPLING. DISCHARGE END TO HAVE BARE PIPE. (PER DETAIL) NOTE: CLOSE COUPLED AND CLOCKED.			
2B.1	6	*	CB3312, 3/4" DIA. X 5" LG. (ZINC PLATED C.S.) (GRADE 5) COUPLING BOLT WITH LOCKNUT (STOCK).			
3B	2		CCS33B, 3" DIA. X 16" LG. (C-1045) 3-BOLT CLOSE COUPLING SHAFT.		C-1045	
4B	1		TAIL END ASSEMBLY FITTED WITH:			
4B.1	1		TEFO143U-BBRB, 14" DIA. X 3" DIA. X 1/4" THK. (C.S.) U-TROUGH END WITH FOOT, DRILLED FOR BALL BEARING AND ROLLER BEARING.	0.250 in	A36	
4B.2	1		WPS3WL, 3" DIA. (ZINC PLATED C.S.) WASTE PACK SEAL WITH LIP SEAL AND WASTE PACKING. (STOCK)			
4B.3	1		EBF3BB, 3" DIA. BALL BEARING FLANGE UNIT. (STOCK)			
4B.4	1		ES3-BB-WPS-3B, 3" DIA. X 15 3/4" LG. (C-1045) 3-BOLT END SHAFT.		C-1045	
5B	1		TEBH143U, 14" DIA. X 3" DIA. X 1/4" THK. (C.S.) BULKHEAD U-TROUGH END, FITTED WITH:			
5B.1	1		CPT300, 3" DIA. (PTFE) CINCHPACK SEAL WITH ANODIZED ALUMINUM HOUSING.			
5B.2	1		0300-17013, 3" DIA. TYPE SSW EXCLUDER RING. (STOCK)			
5B.3	1		TEBHDP14, 14" DIA. X 3/8" THK. (C.S.) DRIVE MOUNTING PLATE DRILLED FOR SCREW CONVEYOR DRIVE	0.375 in	A36	
6B	1		FORMED FLANGE U-TROUGH FITTED WITH:			
6B.1	1		TUF14316, 14" DIA. X 3/16" THK. (C.S.) FORMED FLANGE U-TROUGH	0.188 in	A36	
6B.2	4		PEF14250U, 1/4" THK. (C.S.) PLATE END FLANGE FOR A 14" DIA. X 3/16" THK. FORMED FLANGE U-TROUGH.	0.250 in	A36	
6B.3	1		SPL, 14" DIA X 3/8" THK. (AR235) LINER TO EXTEND 1" PAST ROLL LINE.	0.375 in	AR235	
6B.4	1		SPL, 14" DIA X 3/8" THK. (AR235) LINER TO EXTEND 1" PAST ROLL LINE.	0.375 in	AR235	
6B.5	1		4" NPT (C.S.) PIPE CAP (MCMASTER-CARR PN: 44605K392)			
6B.6	1		4" NPT X 4" LG. (C.S.) PIPE NIPPLE (MCMASTER-CARR PN: 7753K315)			
7B	1		FORMED FLANGE U-TROUGH FITTED WITH:			
7B.1	1		TUF14316, 14" DIA. X 3/16" THK. (C.S.) FORMED FLANGE U-TROUGH (STOCK)	0.188 in	A36	
7B.2	4		PEF14UMS3, 1/4" THK. (C.S.) PLATE END FLANGE FOR A 14" DIA. X 3/16" THK. FORMED FLANGE U-TROUGH. (STOCK)	0.250 in	A36	
7B.3	2		SPL, 14" DIA X 3/8" THK. (AR235) LINER TO EXTEND 1" PAST ROLL LINE.	0.375 in	AR235	
8B	1		FORMED FLANGE U-TROUGH FITTED WITH:			
8B.1	1		TUF14316, 14" DIA. X 3/16" THK. (C.S.) FORMED FLANGE U-TROUGH	0.188 in	A36	
8B.2	4		PEF14250U, 1/4" THK. (C.S.) PLATE END FLANGE FOR A 14" DIA. X 3/16" THK. FORMED FLANGE U-TROUGH.	0.250 in	A36	
8B.3	1		SPL, 14" DIA X 3/8" THK. (AR235) LINER TO EXTEND 1" PAST ROLL LINE.	0.375 in	AR235	
8B.4	1		SPL,14" DIA X 3/8" THK. (AR235) LINER TO EXTEND 1" PAST ROLL LINE.	0.375 in	AR235	
9B	2		FT14, 14" DIA. X 1/4" THK. (C.S.) FLANGED FOOT FOR U-TROUGH OR TUBULAR TROUGH. (STOCK)	0.250 in	A36	
10B	2		SAD14316-UT, 14" DIA. X 1/4" THK. (C.S.) SADDLE FOR A 3/16" THK. U-TROUGH.			



INSTALLED AT 33° INCLINE

FULL RELEASE 10-27-2023

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WEIGHT: 4,600 LBS.	
CUSTOMER	SHIP TO:
ANDERSON & RODGERS CONSTRUCTION 170 PROSPEROUS PLACE #1 LEXINGTON, KY 40509	ANDERSON & ROGERS CONSTRUCTION 170 PROSPEROUS PLACE #1 LEXINGTON, KY 40509

NOTE: ALL ITEMS MARKED WITH AN ASTERISK (*) ARE RECOMMENDED SPARE PARTS



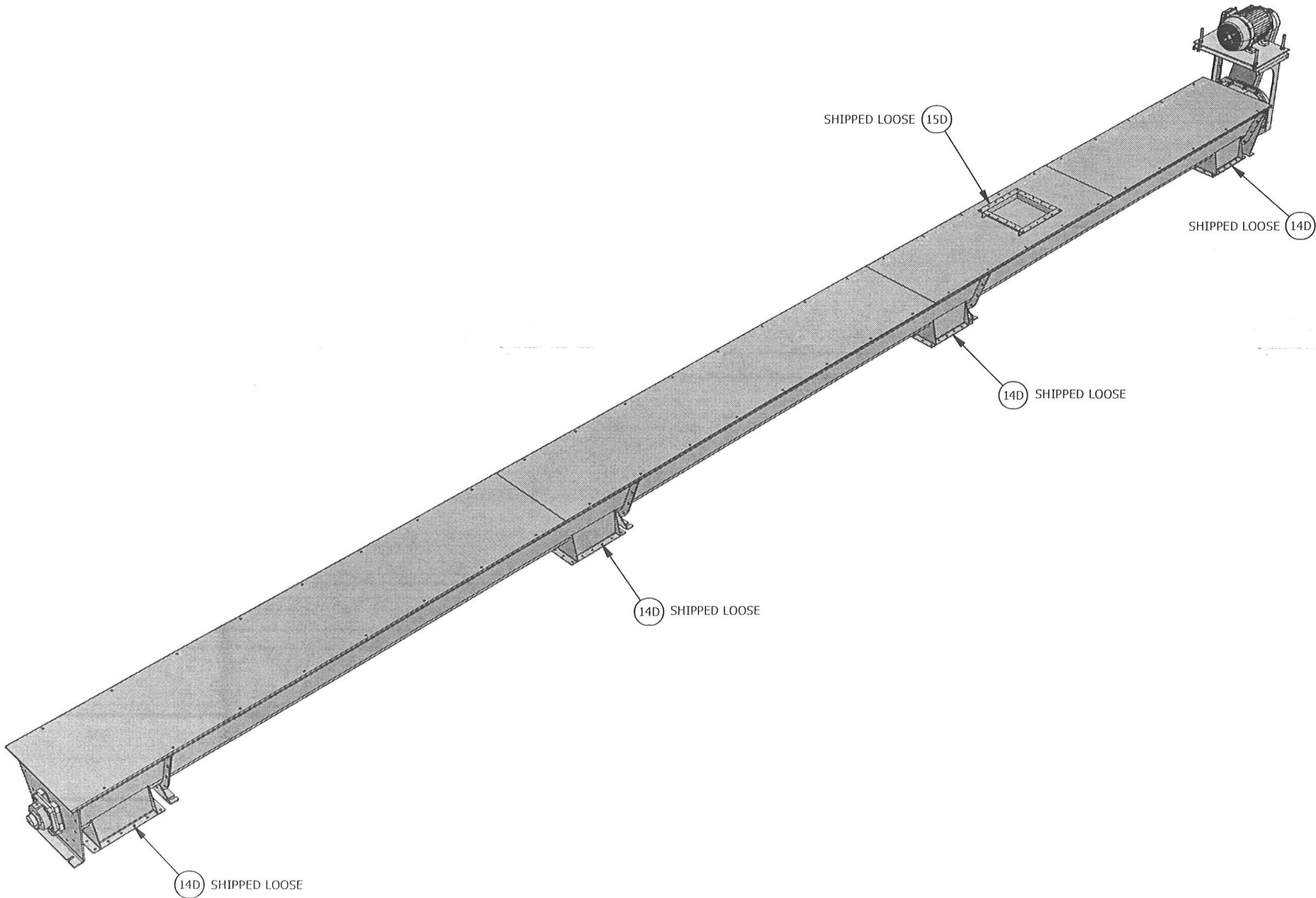
KWS MANUFACTURING CO., LTD.
3041 CONVEYOR DRIVE
BURLESON, TX 76028
Phone: (817) 295-2247
Fax: (817) 447-8528
Website: www.kwsmfg.com
Email: sales@kwsmfg.com

14" DIA. SCREW CONVEYOR
GENERAL NOTES, B.O.M. & ISO VIEW

DESIGNER JLK	P.M. DRH	CHECKED BY DRH	CREATION DATE 10/24/2023	DRAWING NO. 0196470-B
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DESIGNER JLK	P.M. DRH	CHECKED BY <i>DRH</i>	CREATION DATE 10/24/2023	DRAWING NO. 0196470-B1
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SHIP LOOSE ITEMS / SPARE PARTS (TO BE CRATED AND LABELED AS REQ'D)						
ITEM	QTY	*	DESCRIPTION	THK	MATL	REV
14D	4		DSP14316FP-T316, 15" INS. SQ. X 3/16" THK. (C.S.) DISCHARGE SPOUT FOR 3/16" THK. FLARED TROUGH.			
15D	1		ISF14, 15" INS. SQ. X 3/16" THK. (C.S.) INLET SPOUT. (STOCK)			
BLT 1	88		3/8-16 UNC X 1 1/2 IN LG. HHMB WITH (1) LW, (2) FW, & (1) HN (FOR USE WITH DISCHARGE AND SLIDE GATE CONNECTION AND INLET CONNECTION.)			
BLT 2	9		1/2-13 UNC X 2 IN LG. HHMB WITH (1) LW, (2) FW, & (1) HN (FOR USE WITH FEET AND HANGING SUPPORT CONNECTIONS.)			



BILL OF MATERIALS						
ITEM	QTY	*	DESCRIPTION	THK	MATL	REV
D	ONE		14" DIA. SCREW CONVEYOR TO CONVEY 2153 CFH OF 65 PCF UNIFORMLY FED OFFAL MATERIAL AT APPROXIMATELY 20% TROUGH LOADING, SHOP ASSEMBLED AND CONSISTING OF:			
1D	3		SPL, 14" DIA. X 3/8" THK. (C.S.) X 14" PITCH, RIGHT HAND, SECTIONAL SCREW, CONTINUOUSLY WELDED ON BOTH SIDES TO A 3 1/2" SCH 80 (C.S.) PIPE. BUSHED AND DRILLED BOTH ENDS FOR A 3" DIA. 3-BOLT COUPLING. (PER DETAIL) NOTE: CLOSE COUPLED AND CLOCKED.			
1D.1	6		CB3312, 3/4" DIA. X 5" LG. (ZINC PLATED C.S.) (GRADE 5) COUPLING BOLT WITH LOCKNUT (STOCK).			
2D	1	*	SPL, 14" DIA. X 3/8" THK. (C.S.) X 14" PITCH, RIGHT HAND, SECTIONAL SCREW, CONTINUOUSLY WELDED ON BOTH SIDES TO A 3 1/2" SCH 80 (C.S.) PIPE. BUSHED AND DRILLED BOTH ENDS FOR A 3" DIA. 3-BOLT COUPLING. (PER DETAIL) NOTE: CLOSE COUPLED AND CLOCKED.			
3D	3		CCS33B, 3" DIA. X 16" LG. (C-1045) 3-BOLT CLOSE COUPLING SHAFT. (STOCK)		C-1045	
4D	1		TAIL END ASSEMBLY FITTED WITH:			
4D.1	1		SPL, 14" DIA. X 3" DIA. X 3/8" THK. (C.S.) FLARED TROUGH END WITH FOOT (PER DETAIL)	0.375 in	A36	
4D.2	1		WPS3WL, 3" DIA. (ZINC PLATED C.S.) WASTE PACK SEAL WITH LIP SEAL AND WASTE PACKING. (STOCK)			
4D.3	1		EBF3BB, 3" DIA. BALL BEARING FLANGE UNIT. (STOCK)			
4D.4	1		ES3-BB-WPS-3B, 3" DIA. X 15 3/4" LG. (C-1045) 3-BOLT END SHAFT.		C-1045	
4D.5	1		2 1/2" NPT X 2 1/2" LG.(C.S.) PIPE NIPPLE (MCMASTER-CARR PN: 7753K282)			
4D.6	1		2 1/2" NPT (C.S.) PIPE CAP (MCMASTER-CARR PN: 44605K658)			
5D	1		TEFO143F-BBRB, 14" DIA. X 3" DIA. X 3/8" THK. (C.S.) FLARED TROUGH END WITH FOOT, DRILLED FOR BALL BEARING AND ROLLER BEARING.	0.375 in	A36	
6A	3		FORMED FLANGE FLARED TROUGH FITTED WITH:			
6A.1	1		TFLF14316, 14" DIA. X 3/16" THK. (C.S.) FORMED FLANGE FLARED TROUGH	0.188 in	A36	
6A.2	2		PEF14316F, 14" DIA. X 1/4" THK. (C.S.) PLATE END FLANGE FOR 3/16" THK. FORMED FLANGE FLARED TROUGH	0.250 in	A36	
6A.3	2		SPL, 14" X 3/8" THK. (AR235) LINER (TO ROLL-LINE)	0.375 in	AR235	
6A.4	2		SPL, 6" X 6" X 1/4" THK. (C.S.) 11'-11 1/2" LG. HOLD DOWN ANGLE. (PER DETAIL)	0.250 in	A36	
6A.5	4		SPL, 6" X 6" X 10 GA THK. (C.S.) HOLDOWN ANGLE END CAP	0.135 in	A36	
7D	1		FORMED FLANGE FLARED TROUGH FITTED WITH:			
7D.1	1		TFLF14316, 14" DIA. X 3/16" THK. (C.S.) FORMED FLANGE FLARED TROUGH	0.188 in	A36	
7D.2	2		PEF14316F, 14" DIA. X 1/4" THK. (C.S.) PLATE END FLANGE FOR 3/16" THK. FORMED FLANGE FLARED TROUGH	0.250 in	A36	
7D.3	1		SPL, 14" X 6'-0" LONG X 3/8" THK. (AR235) LINER (TO ROLL-LINE)	0.375 in	AR235	
7D.4	2		SPL, 6" X 6" X 1/4" THK. X 1'-11 1/2" LONG (C.S.) HOLD DOWN ANGLE. (PER DETAIL)	0.250 in	A36	
6A.5	4		SPL, 6" X 6" X 10 GA THK. (C.S.) HOLDOWN ANGLE END CAP	0.135 in	A36	
8D	3		FT14, 14" DIA. X 1/4" THK. (C.S.) FLANGED FOOT FOR U-TROUGH OR TUBULAR TROUGH. (STOCK)	0.250 in	A36	
9D	2		COV14GAF-FL, 14" X 10GA. (C.S.) FLANGED COVER FOR FLARED TROUGH BOLTED ON APPROX. 18" CENTERS AND w/ (2) SAFETY BOLTS.	0.135 in	A36	
10D	2		COV14GAF-FL, 14" X 10GA. (C.S.) FLANGED COVER FOR FLARED TROUGH BOLTED ON APPROX. 18" CENTERS AND w/ (2) SAFETY BOLTS.	0.135 in	A36	
11D	3		BB14F, 14" DIA. X 4" WIDE X 1/4" THK. (C.S.) BATTEN BAR FOR FLARED FORMED FLANGE TROUGH			
12D	LOT	*	3/16" THK. BLACK NITRILE BLEND (IV1) COVER GASKET AND SILICONE CAULK FOR FLANGE CONNECTIONS AND ZINC PLATED CARBON STEEL ASSEMBLY BOLTS.			
13D	ONE		5 HP 20 RPM CLASS II SCREW CONVEYOR DRIVE SUPPLIED AND MOUNTED @ 12 O'CLOCK BY KWS AND CONSISTING OF:			
13D.1	1		DODGE TA4207H40 CLASS II REDUCER, POSITION C, MOTOR MOUNT POSITION M3, AND WITH 3" (C.S.) DIA DRIVE SHAFT, WITH SCREW CONVEYOR ADAPTER WITH ADJUSTABLE PACKING KIT, (1) V-BELT PACKAGE, (1) ENCLOSED BELT GUARD PAINTED SAFETY YELLOW.			
13D.2	1		5 HP, 1750 RPM, 3PH/60HZ/230-460V, INVERTER CAPABLE, PREMIUM EFFICIENCY, TEFC MOTOR WITH 184T FRAME. (BALDOR PN:EM3615T)			

FULL RELEASE 10-27-2023

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WEIGHT: 5,700 LBS.

CUSTOMER

ANDERSON & RODGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509

SHIP TO:

ANDERSON & RODGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509

NOTE: ALL ITEMS MARKED WITH AN ASTERISK (*) ARE RECOMMENDED SPARE PARTS

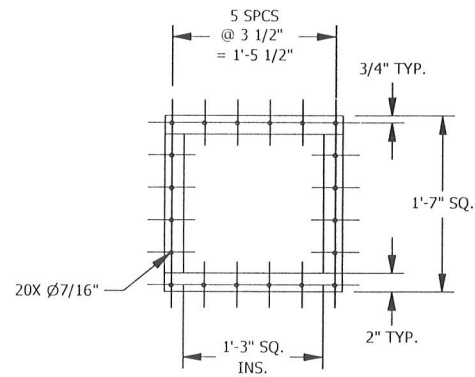


**Design
Engineering
Manufacturing**

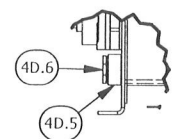
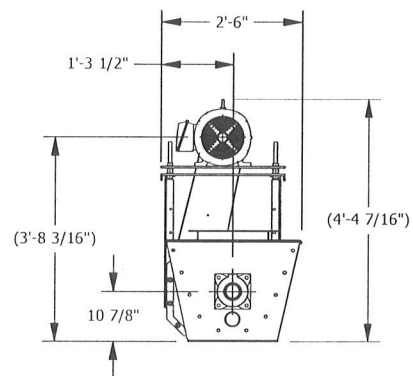
KWS MANUFACTURING CO., LTD.
3041 CONVEYOR DRIVE
BURLESON, TX 76028
Phone: (817) 295-2247
Fax: (817) 447-8528
Website: www.kwsmtfg.com
Email: sales@kwsmtfg.com

14" DIA. SCREW CONVEYOR
GENERAL NOTES, B.O.M. & ISO VIEW

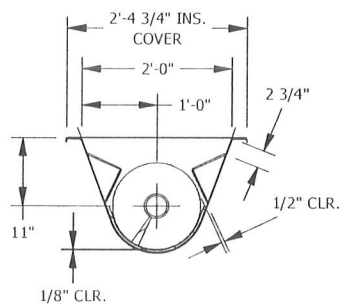
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JLK	DRH	DRH	10/24/2023	0196470-D



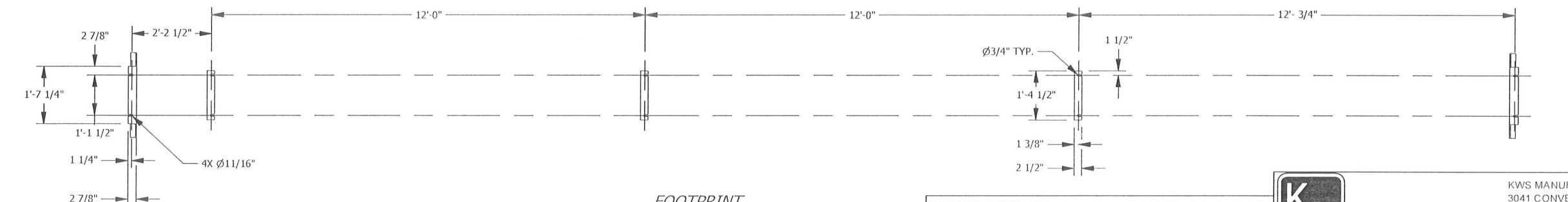
SECTION A-A
INLET & DISCHARGE DRILLING



DETAIL H



SECTION B-B



FOOTPRINT

WEIGHT: 5,700 LBS.

CUSTOMER

ANDERSON & RODGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509

SHIP TO:

ANDERSON & RODGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509



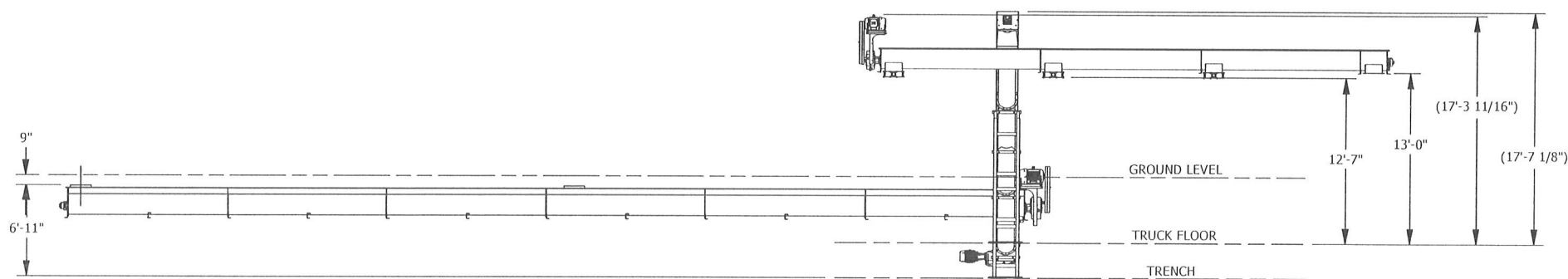
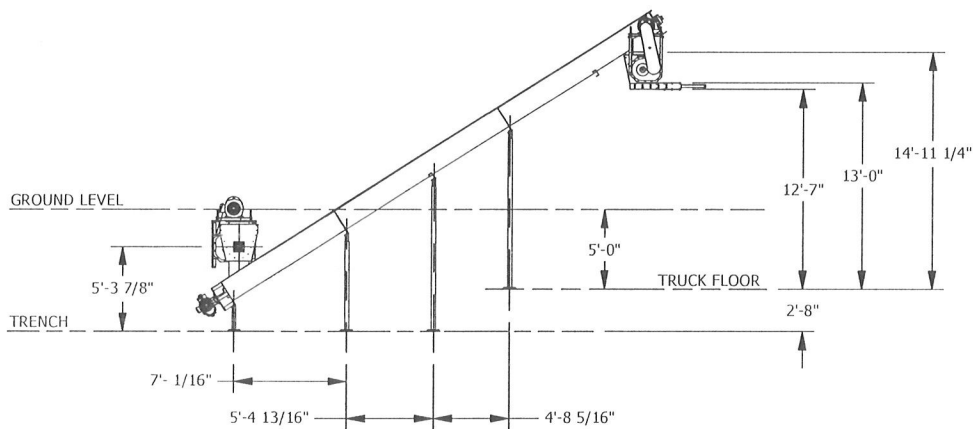
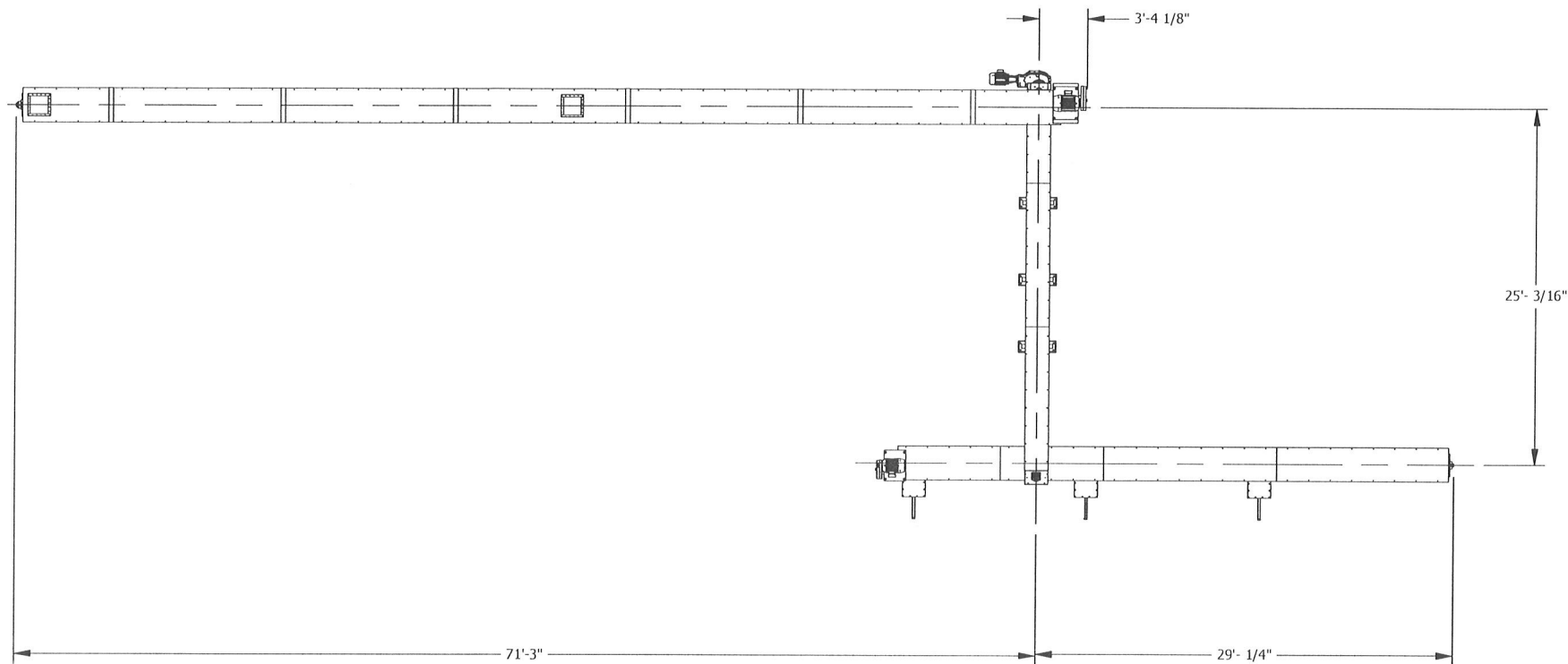
**Design
Engineering
Manufacturing**

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3041 CONVEYOR DRIVE
BURLESON, TX 76028
Phone: (817) 295-2247
Fax: (817) 447-8528
Website: www.kwsmf.com
Email: sales@kwsmf.com

14" DIA. SCREW CONVEYOR
ARRANGEMENT

DESIGNER	P.M.	CHECKED BY	CREATION DATE	DRAWING NO.
JLK	DRH	DRH	10/24/2023	0196470-D1

FULL RELEASE 10-27-2023



FULL RELEASE 10-27-2023

WEIGHT: 20,500 LBS.

CUSTOMER

ANDERSON & RODGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509

SHIP TO:

ANDERSON & ROGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509

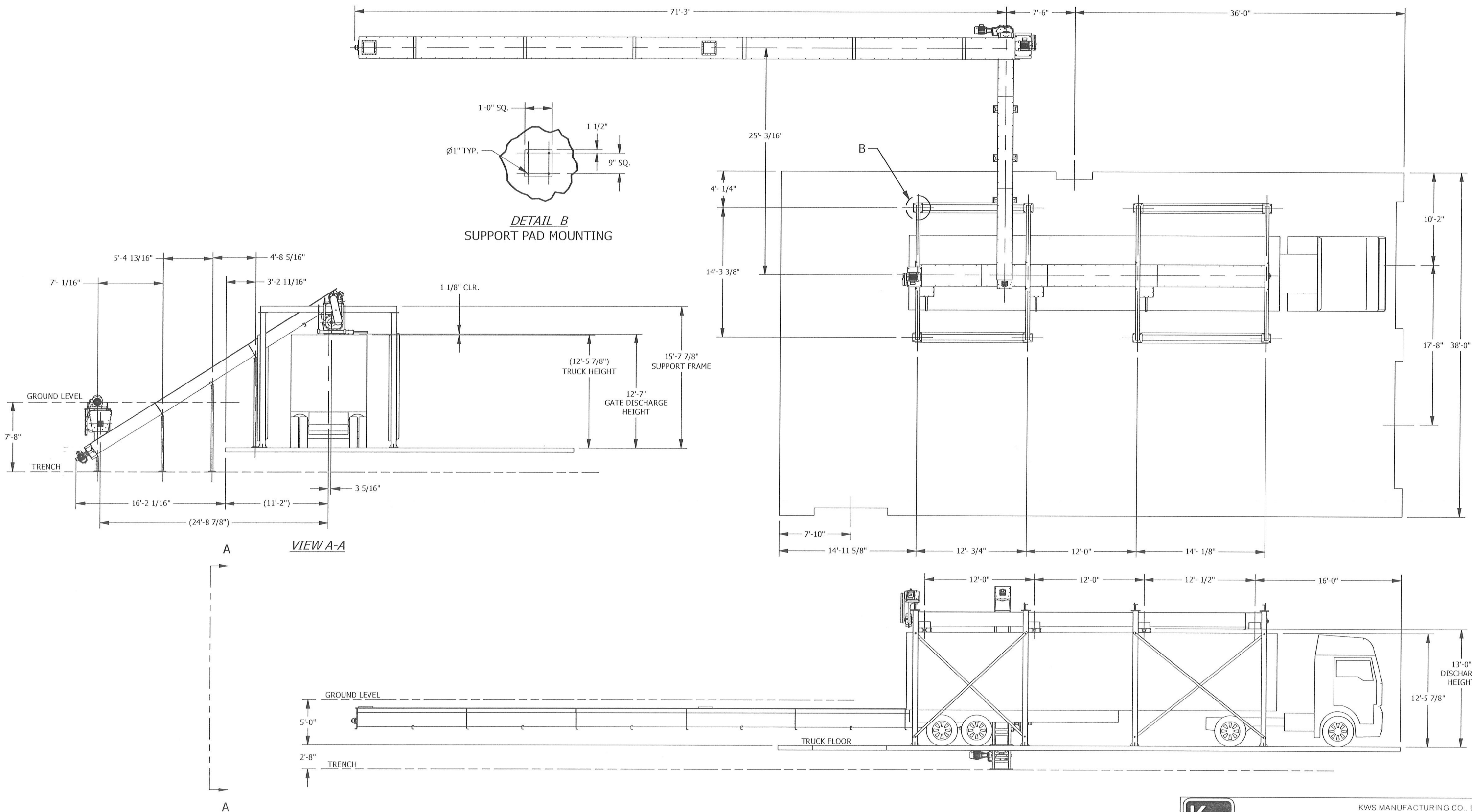


**Design
Engineering
Manufacturing**

KWS MANUFACTURING CO., LTD
3041 CONVEYOR DRIVE
BURLESON, TX 76028
Phone: (817) 295-2247
Fax: (817) 447-8528
Website: www.kwsfmfg.com
Email: sales@kwsfmfg.com

12" & 14" DIA. SCREW CONVEYOR
GENERAL ARRANGEMENT

DESIGNER JLK	P.M. DRH	CHECKED BY <i>DRH</i>	CREATION DATE 10/25/2023	DRAWING NO. 0196470-GA
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FULL RELEASE 10-27-2023

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WEIGHT: 26,500 LBS.

CUSTOMER

ANDERSON & RODGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509

SHIP TO:

ANDERSON & RODGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509

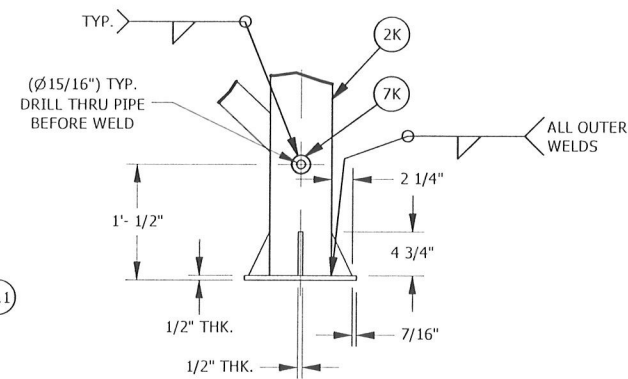
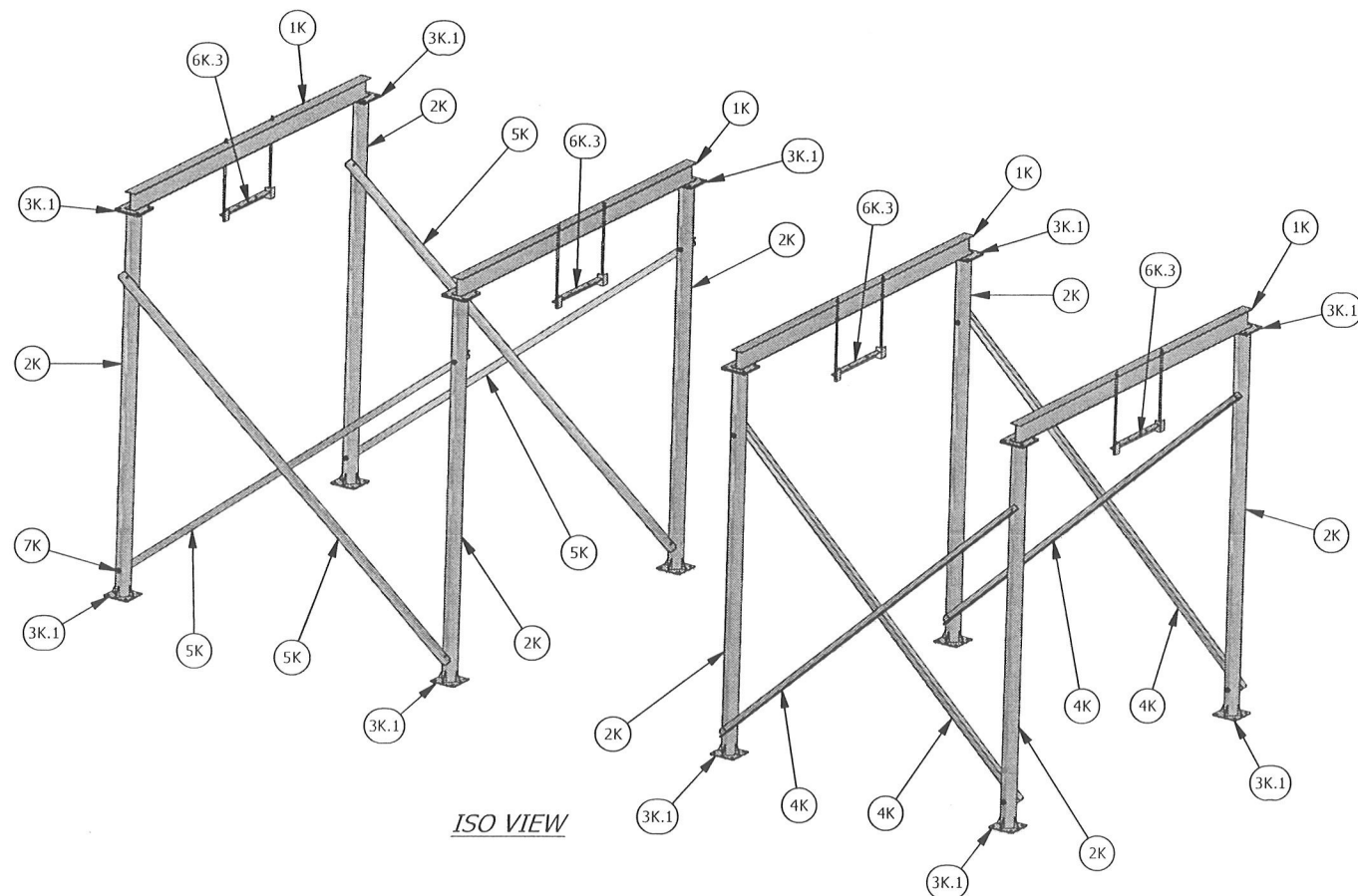


**Design
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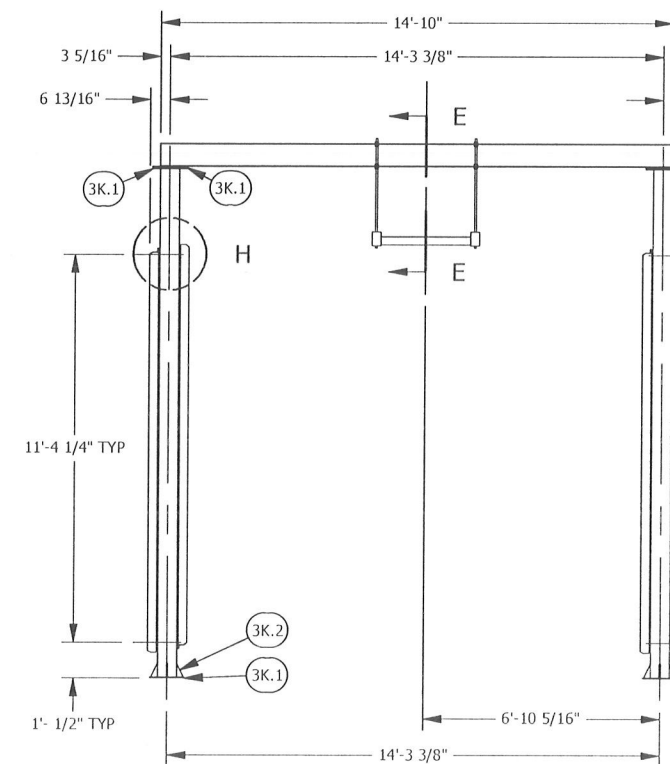
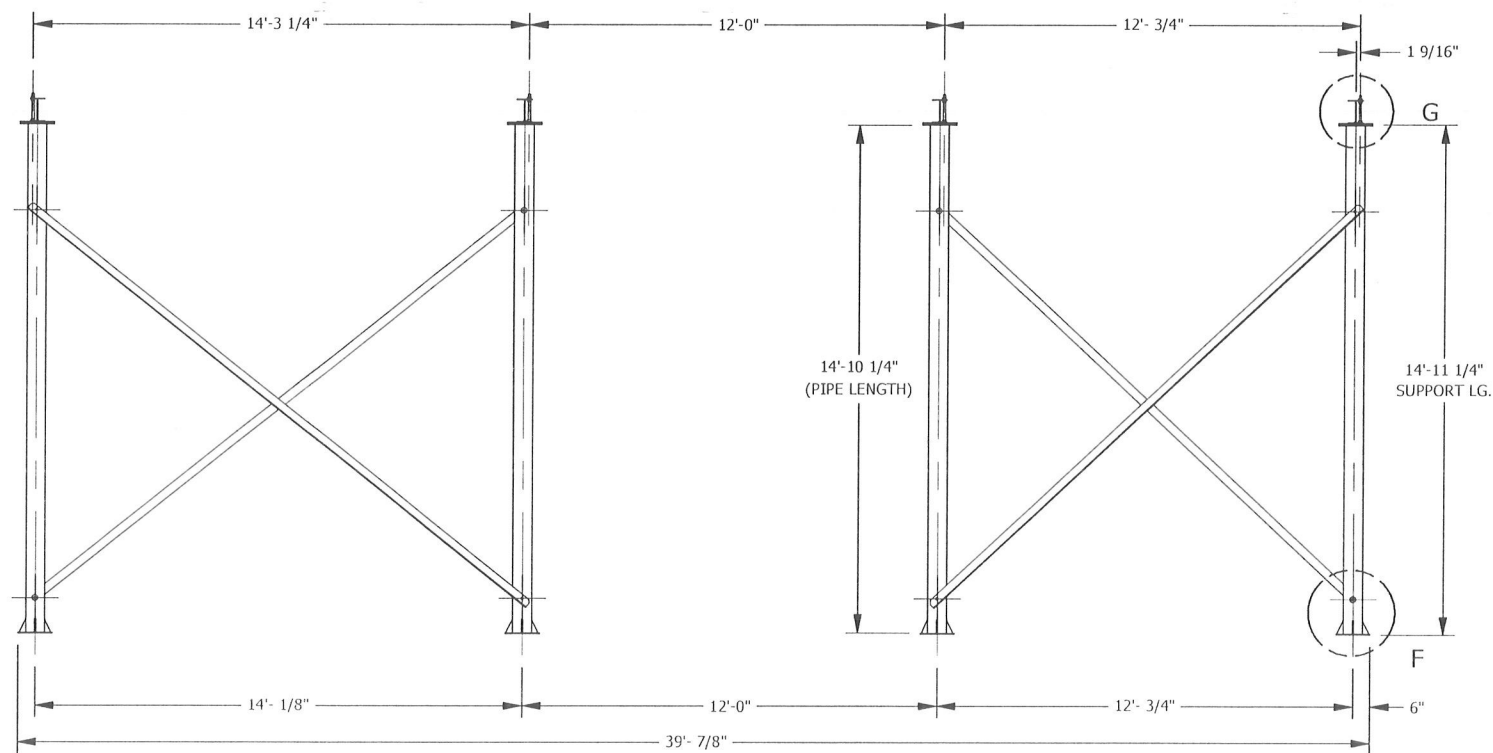
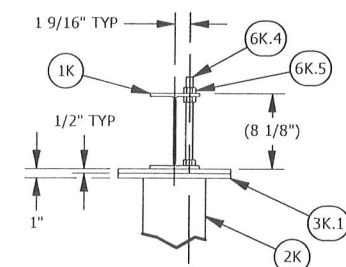
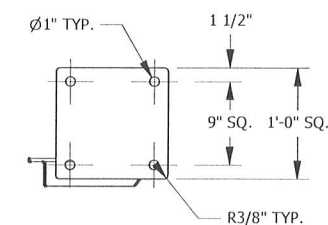
KWS MANUFACTURING CO., LTD.
3041 CONVEYOR DRIVE
BURLESON, TX 76028
Phone: (817) 295-2247
Fax: (817) 447-8528
Website: www.kwsfmfg.com
Email: sales@kwsfmfg.com

12" & 14" DIA. SCREW CONVEYOR
GENERAL ARRANGEMENT WITH ELEMENTS

DESIGNER JLK	P.M. DRH	CHECKED BY DRH	CREATION DATE 10/25/2023	DRAWING NO. 0196470-GA1
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BILL OF MATERIALS						
ITEM	QTY	*	DESCRIPTION	THK	MATL	REV
K	ONE		SPL, W8x18 SUPPORT (C.S.) STRUCTURE w/ 6" SCH 40 PIPE SUPPORTS, PAINTED SAFETY YELLOW, CONSISTING OF:			
1K	4		W 8x18 X 178" LG. (C.S.) W-BEAM		A36	
2K	8		6" SCH 40 X 14'-10 1/4" LG. (C.S.) PIPE		A36	
3K	8 SETS		SUPPORT PAD PARTS			
3K.1	3		SPL, 1' SQ. (C.S.) SUPPORT MOUNTING PAD	0.500 in	A36	
3K.2	4		SPL, 1/2" THK. (C.S.) SUPPORT MOUNTING PAD GUSSET	0.500 in	A36	
4K	4		L3" x 3" x 3/8" X 206" LG. (C.S.) ANGLE		A36	
5K	4		L3" x 3" x 3/8" X 222 3/8" LG. (C.S.) ANGLE		A36	
6K	4		HANGER SUPPORT ASSEMBLY, CONSISTING OF:			
6K.1	2		2 5/8" SQ. X 3/8" THK. (C.S.) GUIDE PLT	0.375 in	A36	
6K.2	2		L3" x 3" x 1/4" X 4" LG. (C.S.) HEIGHT ADJUSTMENT ANGLE		A36	
6K.3	1		L3" x 3" x 1/4" X 31 1/2" LG. (C.S.) FOOT REST ANGLE		A36	
6K.4	2		3/4"-10 UNC (Z.P.-C.S.) ALL-THREAD		A36	
6K.5	12		3/4"-10 UNC (Z.P.-C.S.) HEX NUT		A36	
7K	32		BP3716, 3 7/16" DIA. (C.S.) BOLT PADS			



WEIGHT: 5,800 LBS.

CUSTOMER

ANDERSON & RODGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509

SHIP TO:

ANDERSON & ROGERS
CONSTRUCTION
170 PROSPEROUS PLACE #1
LEXINGTON, KY 40509



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3041 CONVEYOR DRIVE
BURLESON, TX 76028
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Website: www.kwsfmfg.com
Email: sales@kwsfmfg.com

12" & 14" DIA. SCREW CONVEYOR
GENERAL ARRANGEMENT - SUPPORT STRUCTURE DETAIL

DESIGNER JLK	P.M. DRH	CHECKED BY DRH	CREATION DATE 10/25/2023	DRAWING NO. 0196470-GA2
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