CENTRAL SERVICE & SUPPLY, INC
4219 E 50th St Des Moines, IA 50317 1.800.247.2400



MASABA / McLANAHAN WASHPLANT

- McLanahan twin 36x27 fine material screw with VFD
  - Renewable hard white iron wearing shoes bolted to screw flights
  - Twin Seal Pak bearing package units at feed end
- McLanahan 6x20 triple deck horizontal screen with oval stroke, WEG 40HP motor
- Triple Axle Chassis with HD leaf spring suspension, brake and light package, with hydraulic lift jacks
- Gas Powered 13HP motor for hydraulic operations
- 24” reversible cross conveyors with Luff idlers and vulcanized splices
- Top and 2nd deck flop gates and hydraulic powered roll-away chutes
- Switchgear - NEMA 4 enclosure, Square D Nema components, breakers, reversing starters for cross conveyors, three position start/stop pushbuttons, main disconnect, emergency stop, two extra #2 starters for 20 hp off plant motors and 100’ lead. Weather tight strain reliefs, panel stand
- Hydraulic raise lower slurry box
- Underscreen Flume and Slurry Box lined with ½ urethane.
- Catwalk step over at screen motor and crossover catwalk

MASABA
VERMILLION, SD USA 605-624-9555



CUSTOMER SUPPLIED:
-MCLANAHAN TWIN 36" FINE MATERIAL WASHER
-MCLANAHAN 6X20 TD SCREEN
-SCREEN MEDIA
-GREEN POLY LINER MATERIAL

HYDRAULIC SERVICE TIE OFF CABLE

BEAVER TAILS ON TOP SPRAY BARS

STATIC SPRAY SYSTEM:
- MANIFOLD MOUNTED UNDER CATWALK
- (5) SPRAY BARS ON TOP AND MIDDLE DECKS
- (5) SPRAY BARS ON BOTTOM DECK
- BALL VALVES ON EACH SPRAY BAR
- BEAVER TAILS ON TOP DECK
- CUSTOMER SPECIFIC BARS ON MID AND BOTTOM DECKS

CATWALK EXTENSIONS BOTH SIDES

MCLANAHAN TWIN 36" FINE MATERIAL WASHER

SLURRY BOX:
- HYDRAULIC RAISE/LOWER
- (3) INSET SPRAY BARS
- GREEN POLY LINERS

ADJUSTABLE SLURRY BOX KICKERS

SCREEN MOTOR BRIDGE

SCREEN DRIVE MOTOR 40HP WEG

13 HP POWER UNIT

(2) SELF-CLOSING SAFETY GATES

8"FEED PIPE WITH TEE

FLUME
- 1/2" GREEN POLY LINERS
- (2) RINSE BARS

MASABA SPRAY BAR MANIFOLD

10" DRAIN PIPE W/ ANSI FLANGES ATTACH HOSE FROM EITHER SIDE

TOOL BOX

SWITCHGEAR WITH VFD

(4) BRUTE RUN ON JACKS

(4) CRANK DOWN LANDING JACKS

(1) ALUMINUM LADDER

HYDRAULIC ROLL AWAY CHUTES CONSTRUCTED OF 3/8 AR400

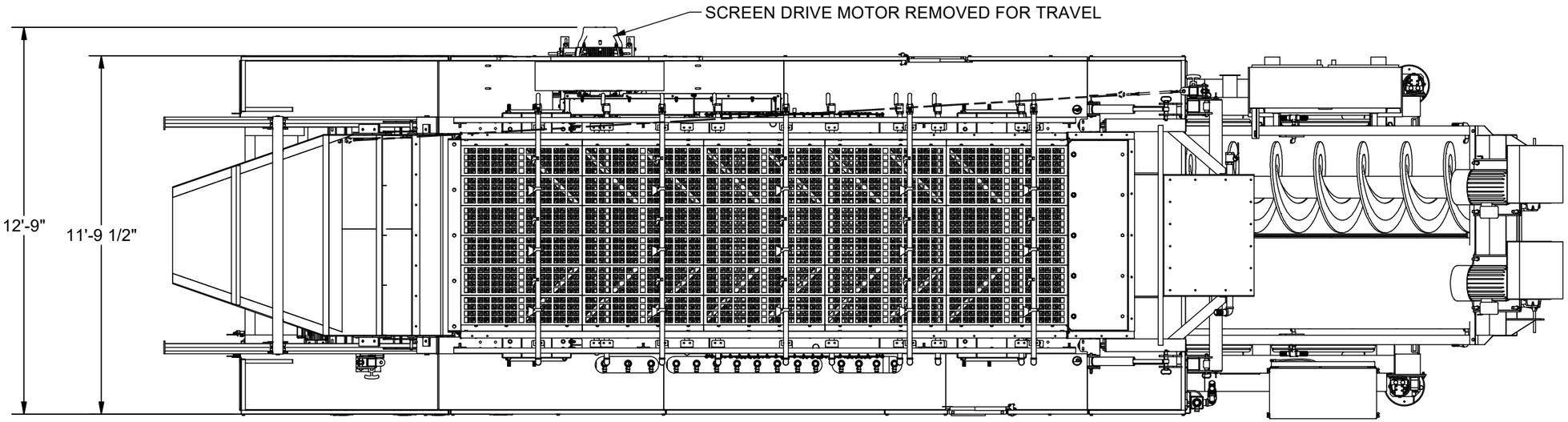
24" CROSS CONVEYORS:
375 FPM, REVERSIBLE
5HP MOTOR
DODGE MTA#3
LUFF CEMA B IDLERS
RUBBER DISC RETURNS
VULCANIZED BELT SPLICES

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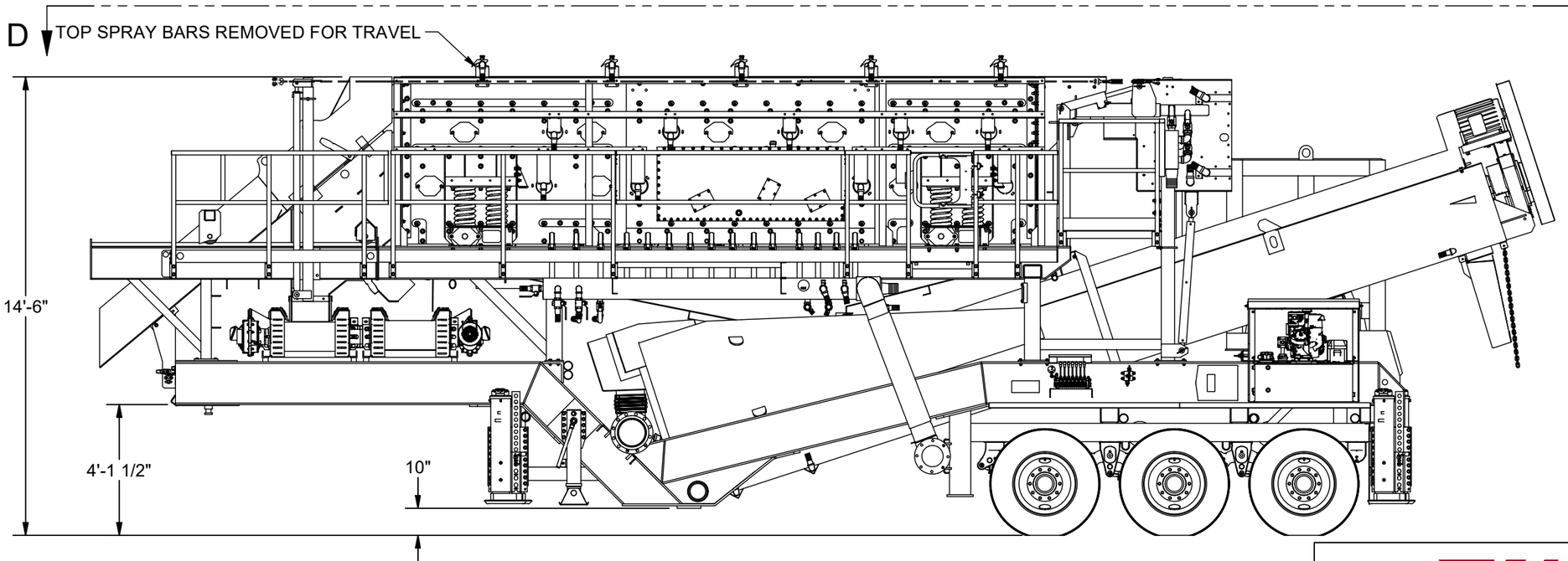
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DIMENSIONAL TOLERANCES: 1/16"

DESCRIPTION: 6X20 WASH PLANT MCLANAHAN TUB

DESIGNED BY	WEIGHT	SIZE
GCD	N/A	B
DRAWN BY	DATE	SHEET
JLR	1/10/2024	1 / 5
SCALE	PART NUMBER	REV
1/4" = 1'	24159000	000



VIEW D-D



TOTAL WIEGHT
87800

KING PIN WIEGHT
28700

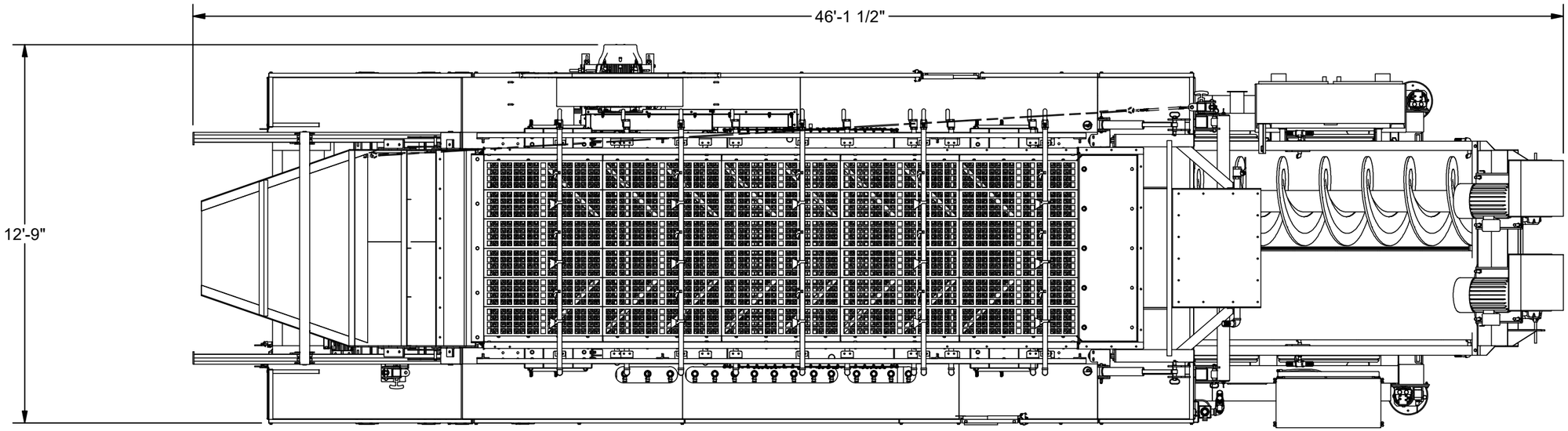
AXLE WIEGHT
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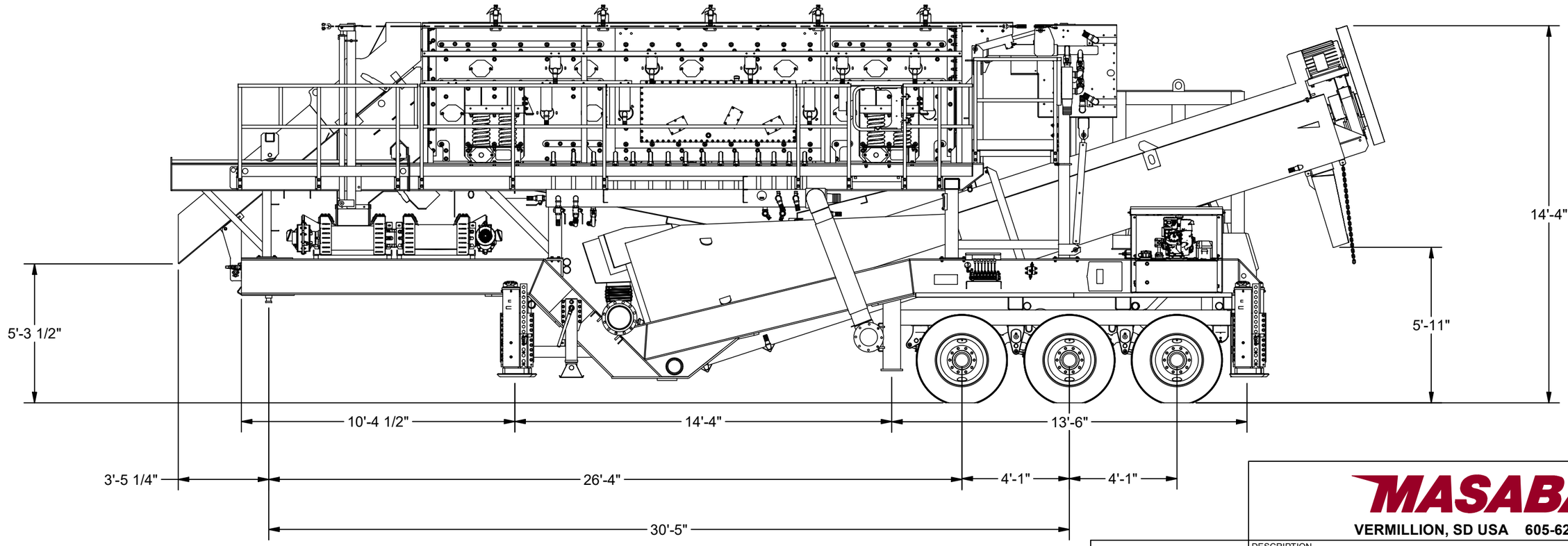
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SCALE	PART NUMBER	REV
1/4" = 1'	24159000	000

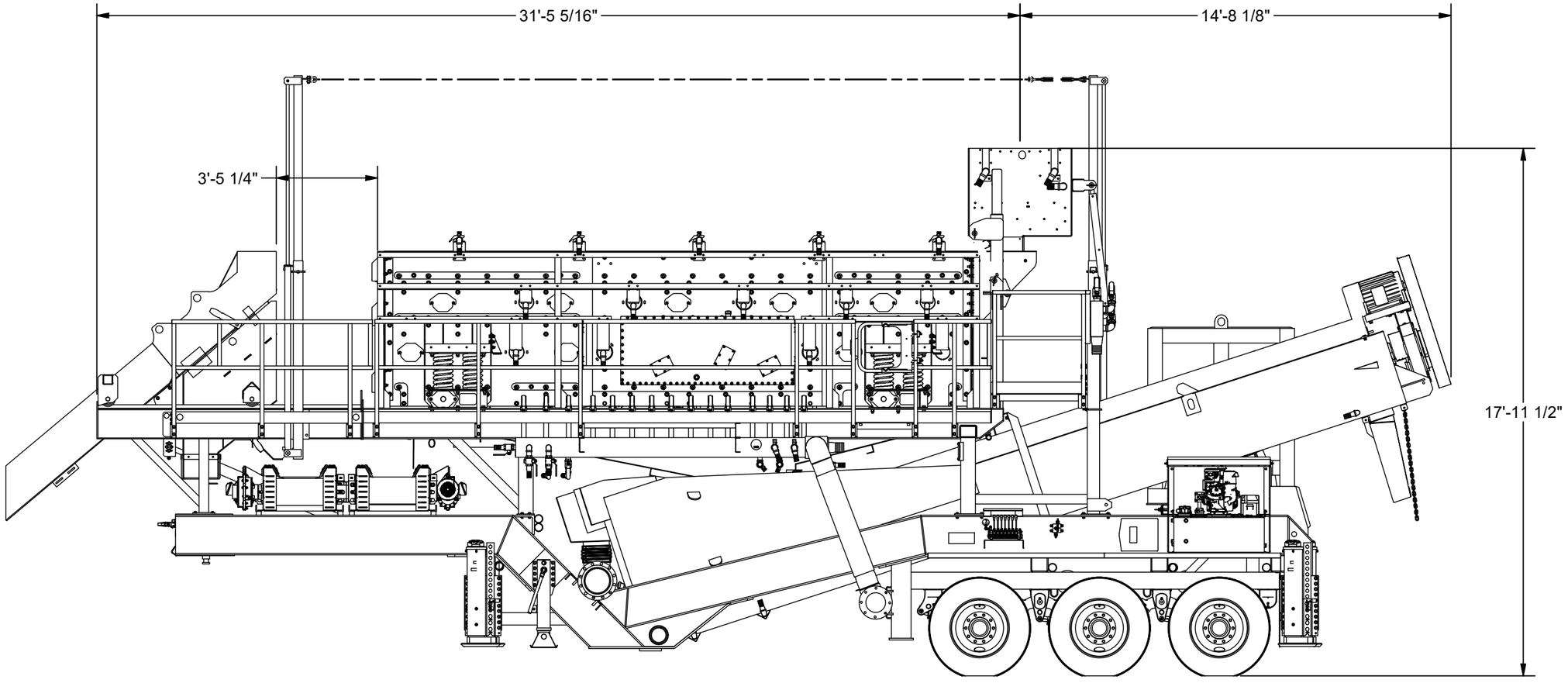




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DRAWN BY: JLR	DATE: 1/10/2024	SHEET: 3 / 5
SCALE: 1/4" = 1'	PART NUMBER: 24159000	REV: 000



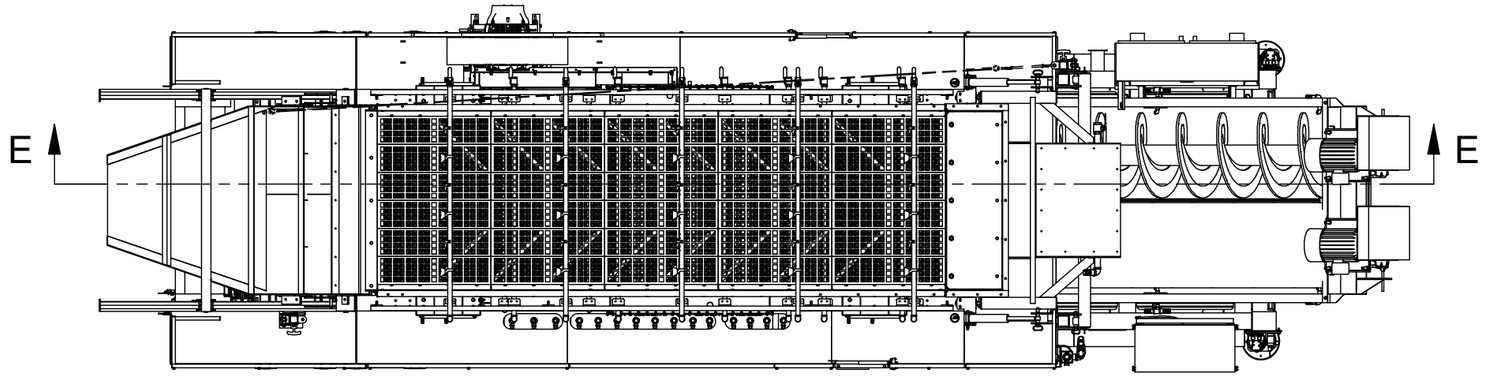
MASABA

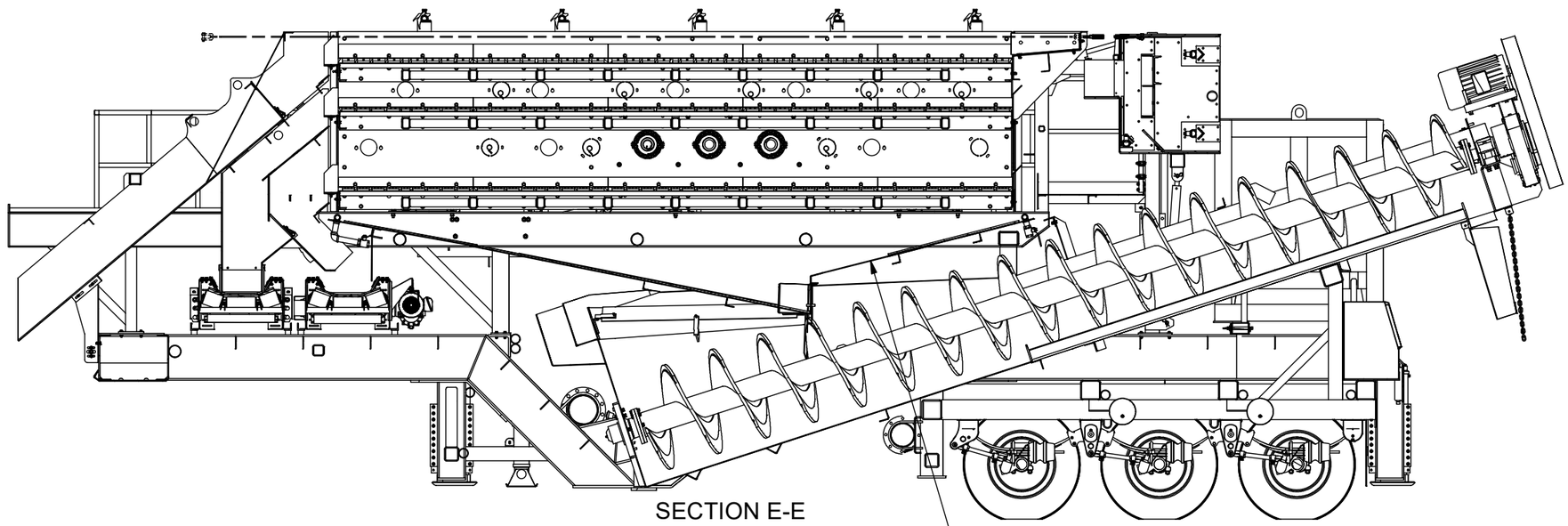
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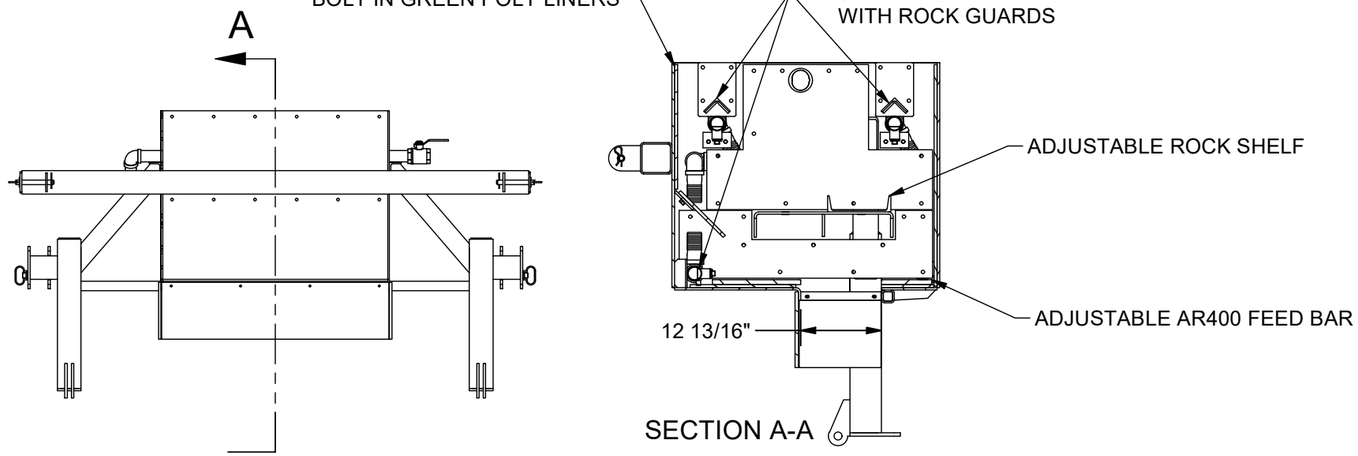
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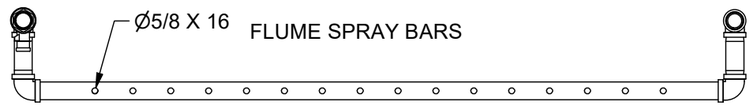


SECTION E-E

2' X 74" OPENING IN FLUME
BEFORE STILL WATER PLATE



SECTION A-A



HAVE INCREASED NUMBER OF HOLES
IN SPRAY BARS IN FLUME FROM 11 TO 16

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SCALE: 1/4" = 1'	PART NUMBER: 24159000	REV: 000