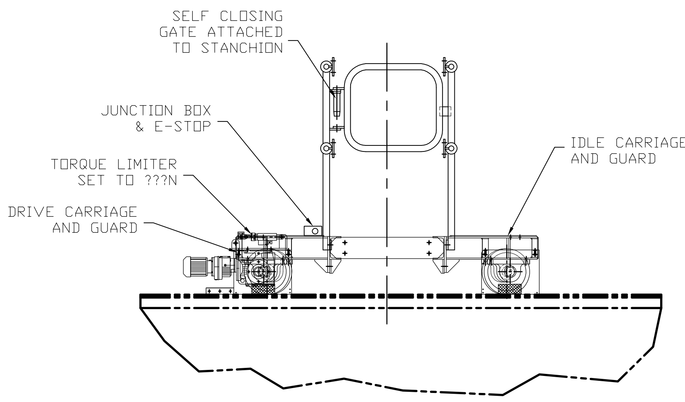
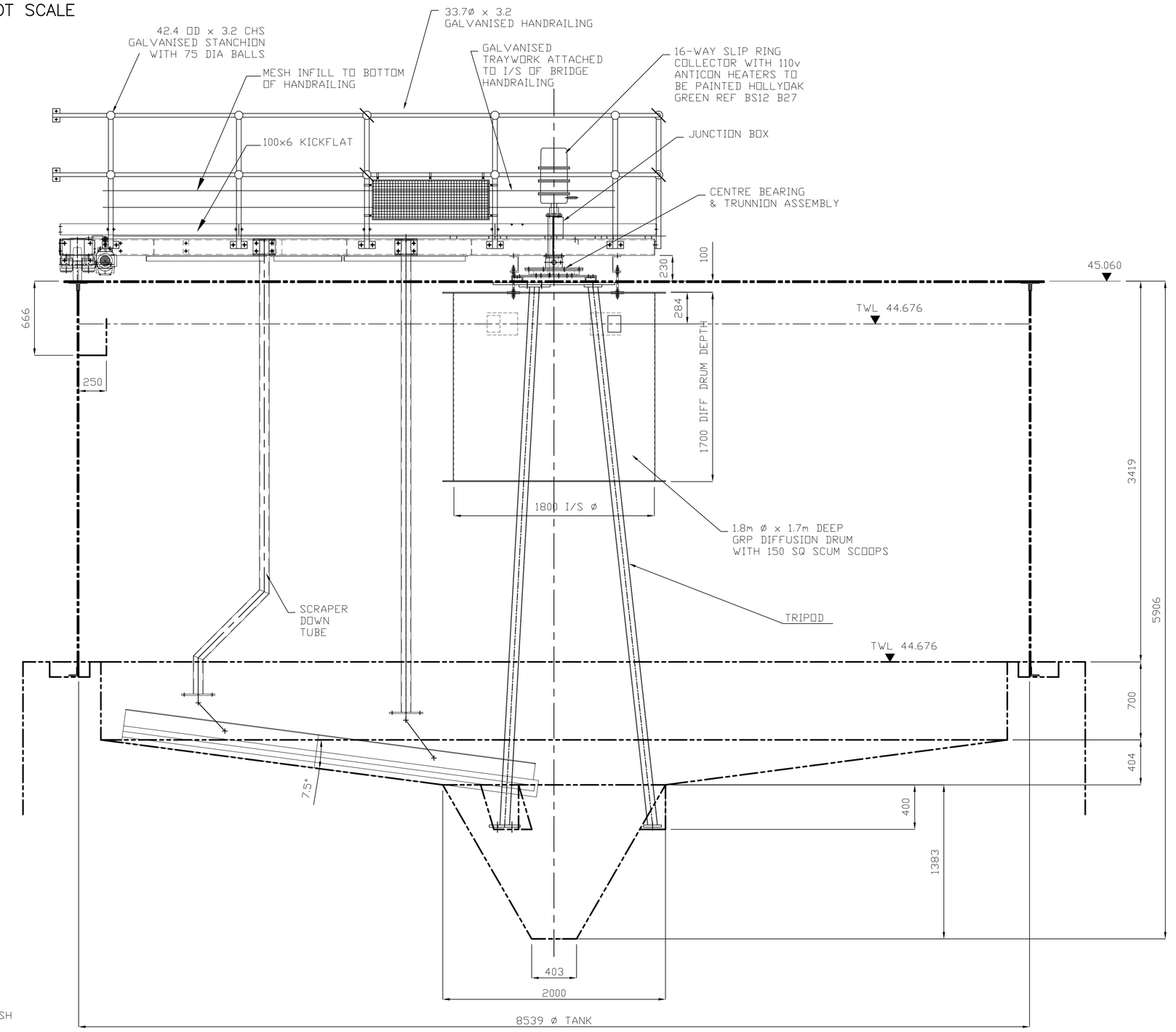
©

DO NOT SCALE

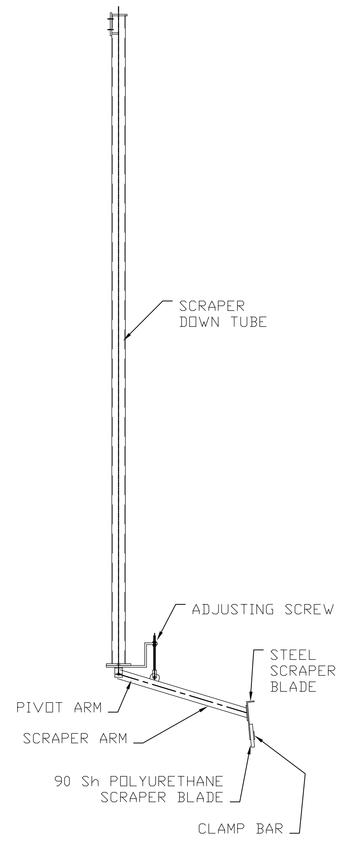
IF IN DOUBT ASK



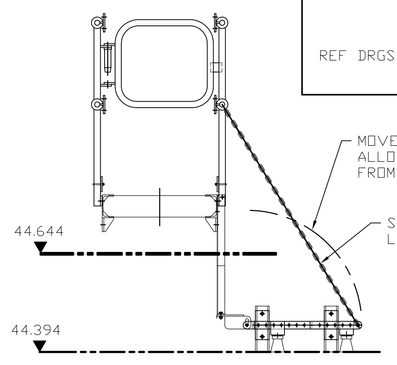
VIEW ON END OF BRIDGE



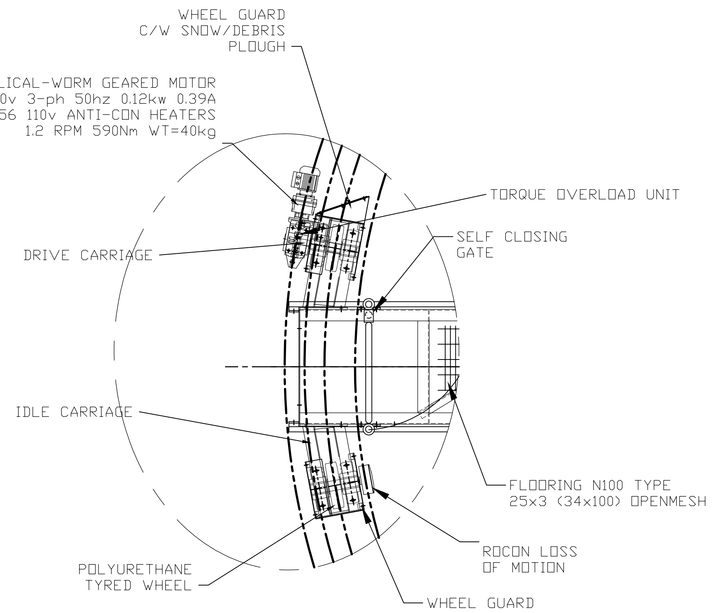
ELEVATION ON FST SCRAPER



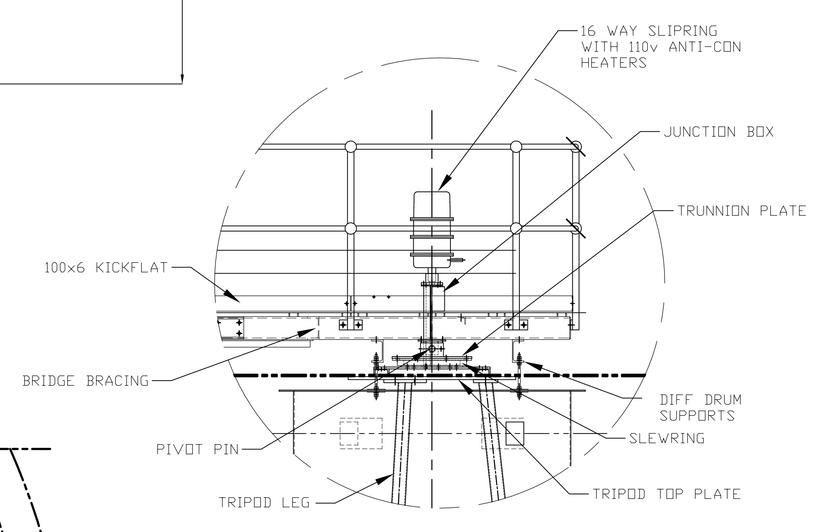
TYPICAL SIDE VIEW ON SCRAPER



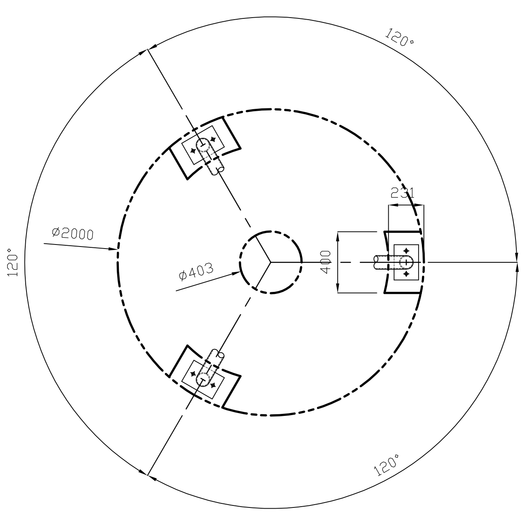
SIDE VIEW ON LAUNDER BRUSH



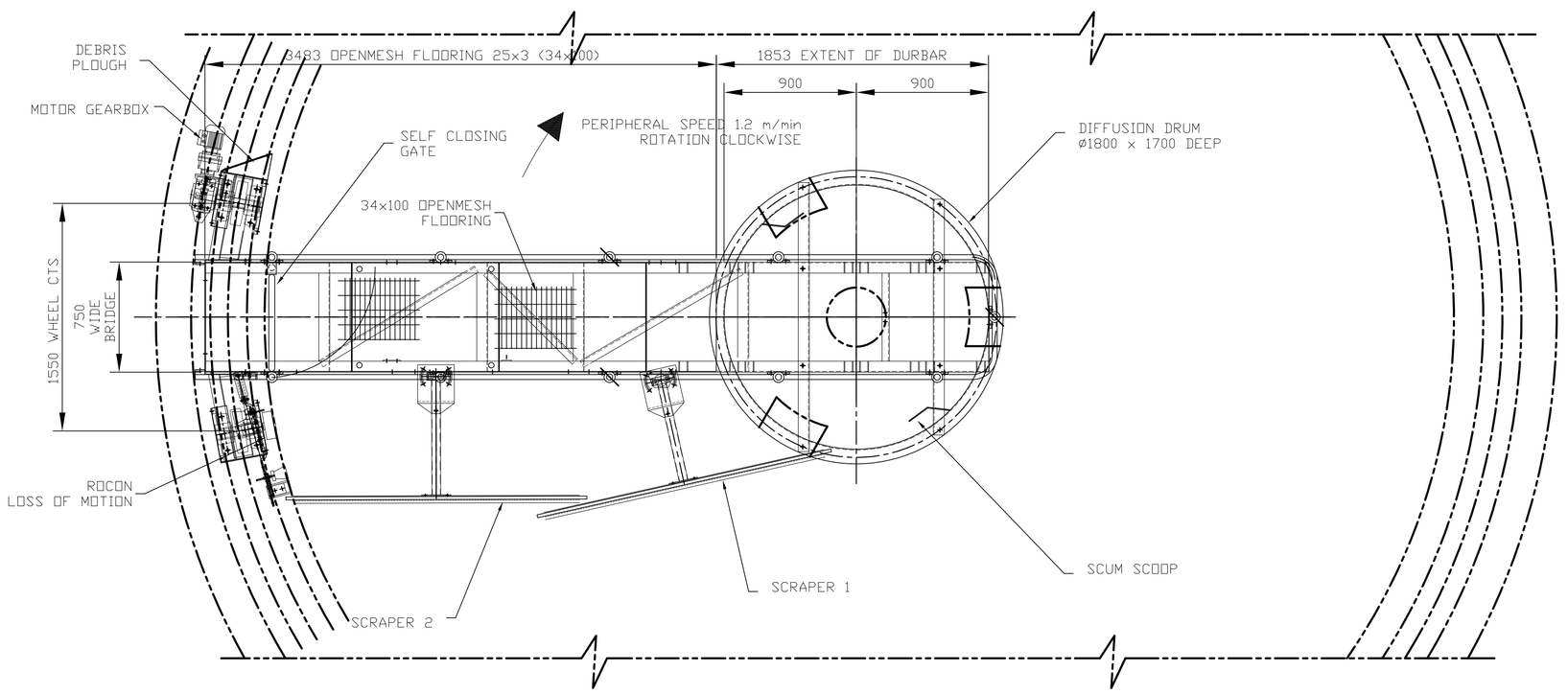
ENLARGED PLAN ON BRIDGE WHEEL BEAM



ENLARGED SECTION THRO CENTRAL BEARING



PLAN ON TRIPOD LEGS/POCKETS



ELEVATION ON FST SCRAPER

NOTES

CORROSION PROTECTION TO WIMES 4.01

ALL STEELWORK OTHER THAN HANDRAILING, DECKING & LADDERS GALVANISE TO BSEN ISO1461 :1999 & BSEN ISO14713 : 1999 MIN DFT 115 MICRONS

HANDRAILING, DECKING & LADDERS GALVANISE TO BS EN ISO 1461:1999 SEE ALSO BS EN ISO 14713:1999 MIN DFT 115 MICRONS

BELOW WATER WIMES 4.01 TABLE 2

SWEEP BLAST TO FORM KEY DEGREASE & WASH

1 COAT COAL TAR EPOXY BLACK KF3B @ 75 MICRONS DFT

1 COAT COAL TAR EPOXY BROWN KF3B @ 150 MICRONS DFT

1 COAT COAL TAR EPOXY BLACK KF3B @ 150 MICRONS DFT

WHEEL GUARD COLOUR:- SAFETY RED

NOTE

ALL PAINT COATINGS TO BE SHOP APPLIED. SITE TOUCH UP ONLY

FIXINGS

SCRAPER BLADES & ANCHOR BOLTS TO BE 316 ST.ST.

ALL FIXINGS BELOW WATER THAT ARE REMOVABLE FOR MAINTENANCE TO BE 316 ST.ST.

ALL FIXINGS BELOW WATER THAT ARE NOT REMOVABLE TO BE GALVANISED.

ALL FIXINGS ABOVE WATER TO BE GALVANISED.

SCRAPER BLADES & ANCHOR BOLTS TO BE 316 ST.ST.

DESIGN SPEC TO WIMES 2.01

REF DRGS DV00589-223-P3
DV00589-224-P1

NOTES

ALL PARTS TO BE TRIAL ASSEMBLED PRIOR TO GALVANISING & DELIVERY.

GENERAL FINISH NOTES TO BE ADHERED TO.

ALL SHARP EDGES MUST BE REMOVED.

INSPECTION TO CHECK QUALITY OF DELIVERED ITEMS.

A & J FABRICATIONS TO ASSEMBLE ALL PARTS ONTO BRIDGE BEAMS BEFORE DELIVERY TO SITE.

GENERAL FINISH & METAL PROTECTION

Weld spatter, drill adage & other foreign bodies should be removed & all sharp edges dressed.

GALVANISED SURFACES:– Apply strictly to specification with smooth finish & minimum amount of adage. Repairs should be made by thoroughly cleaning & wire brushing followed by a coat of "ZIH" in accordance with manufacturers instructions.

PAINTED SURFACES:– Should be strictly in accordance with specification & applied according to manufacturers instructions.

BZP SURFACES:– Not allowed when unprotected.

MACHINED SURFACES:– To be given two coats of machine shellac over clean metal surfaces, unless otherwise stated.

BRIGHT METAL SURFACES:– To be as specification.

COMPONENT PARTS:– Motors, gearboxes, bearings etc. may require further protection. See specification for instructions.

FABRICATION TOLERANCES U.O.S.

0 TO 300	±0.75mm
300 TO 1000	±1.00mm
1000 TO 1500	±1.50mm
1500 TO 7150	±3.00mm

All machined dimensions on this drawing not toleranced to be to ±0.25mm

No.	DETAILS	DATE	DRN
F			
E			
D			
C			
B			
A			

REVISIONS

CLIENT.
ACWA Services Ltd

PROJECT.
ASHFORD STW

2 No 8.539M Dia HALF BRIDGE SCRAPERS

DRAWN	DATE	SCALE	CHECKED
K.A.A.	25.02.08	1:25/A0	

TITLE
GENERAL ARRANGEMENT OF HALF BRIDGE SCRAPERS

A&J FabTech Ltd
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PLATEWORK FABRICATIONS TO 15 TONNE
VESSEL AND STRUCTURAL ENGINEERS
STEEL MOULDS TO THE CONCRETE INDUSTRY
EQUIPMENT FOR THE WATER TREATMENT INDUSTRY
STEEL CHIMNEYS AND TANKS

DRAWING No. 2280–02/J3461

REVISION