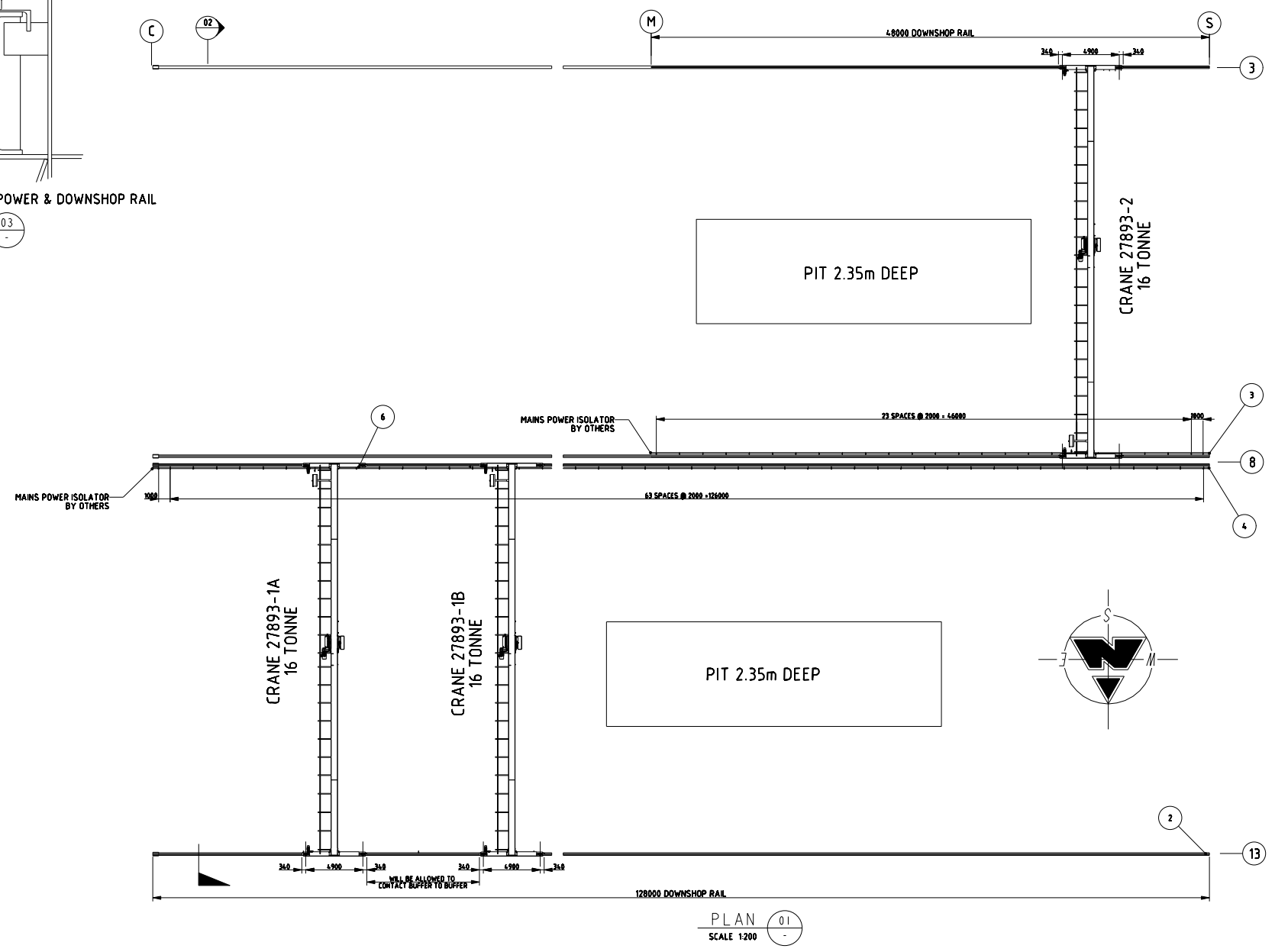
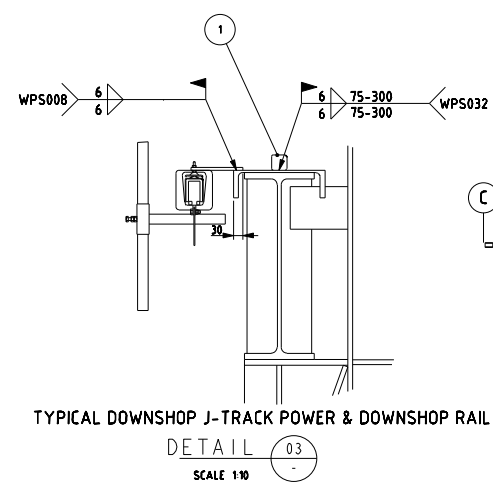
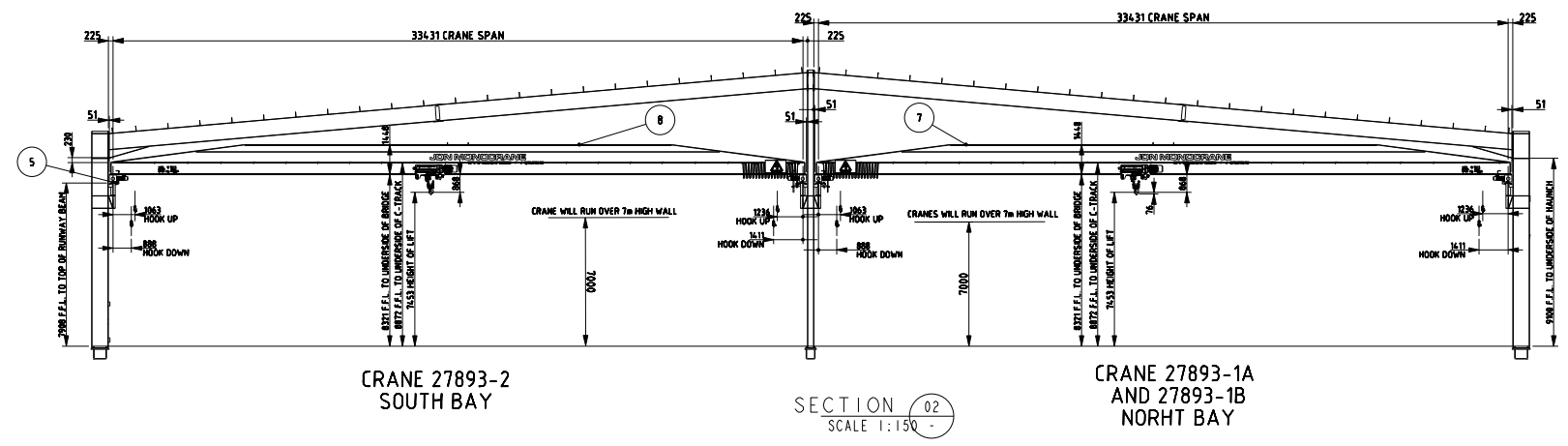


REVISIONS			
REV	DATE	DESCRIPTION	BY
-	20-01-2012	GENERAL ARRANGEMENT DRAWING RELEASED FOR CLIENT APPROVAL	SB

CRANE DATA

CRANE TYPE	SINGLE GIRDER TOP RUNNING
ENDCARRIAGE	ETS 306
CRANE CAPACITY	16 TONNE (EACH CRANE)
HOIST TYPE	KEAH05040-14/16-4/1-L040H20I
HOISTING SPEED	8x/4/0.7 m/min
CRSS TRAVEL	20/6.7/1.7 m/min
LONG TRAVEL	40/13.5/3.5m/min
CRANE DUTY	C4M4
CONTROL	RADIO CONTROL
SUPPLY VOLTAGE	415V 50Hz 3Ø +E +N
MAX CURRENT SUPPLY	BAY1-53A, BAY2-31A, EACH CRANE-31A
CRANE WEIGHT	16.3 TONNE (EACH CRANE)

CLIENT APPROVAL

Authorized approval of dimensions and concept by:

Signed..... Date.....

Print Name.....

Position Held.....

NOTES:

WELDS: ALL SITE WELDS 5mm FILLET (WPS008) UNLESS NOTED OTHERWISE
ALL WELDS IN ACCORDANCE WITH AS 1554 - 1,2.

BOLTS: ALL COMMERCIAL GR. 4.6 BOLTS (TO AS1111), ARE TO BE ZINC PLATE FINISH & SNUG TIGHTENED TO AS4100 CATEGORY 4.6/5
ALL HIGH STRENGTH GR. 8.8 BOLTS (TO AS1252), ARE TO BE BLACK FINISH & FULLY TENSIONED TO AS4100 CATEGORY 8.8/TB

PAINT: PREP: POWER WIRE BRUSH CLEAN
1st COAT: PRIME COAT ZINC PHOSPHATE 40 µm DFT
2nd COAT: NA
TOP COAT: ALKYD ENAMEL 40 µm DFT
COLOUR: AIZURA BLUE

BUILDING: SUITABILITY OF FLOOR & BUILDING STRUCTURE FOR THIS CRANE & RUNWAY INSTALLATION TO BE DETERMINED BY CLIENTS BUILDING ENGINEER.

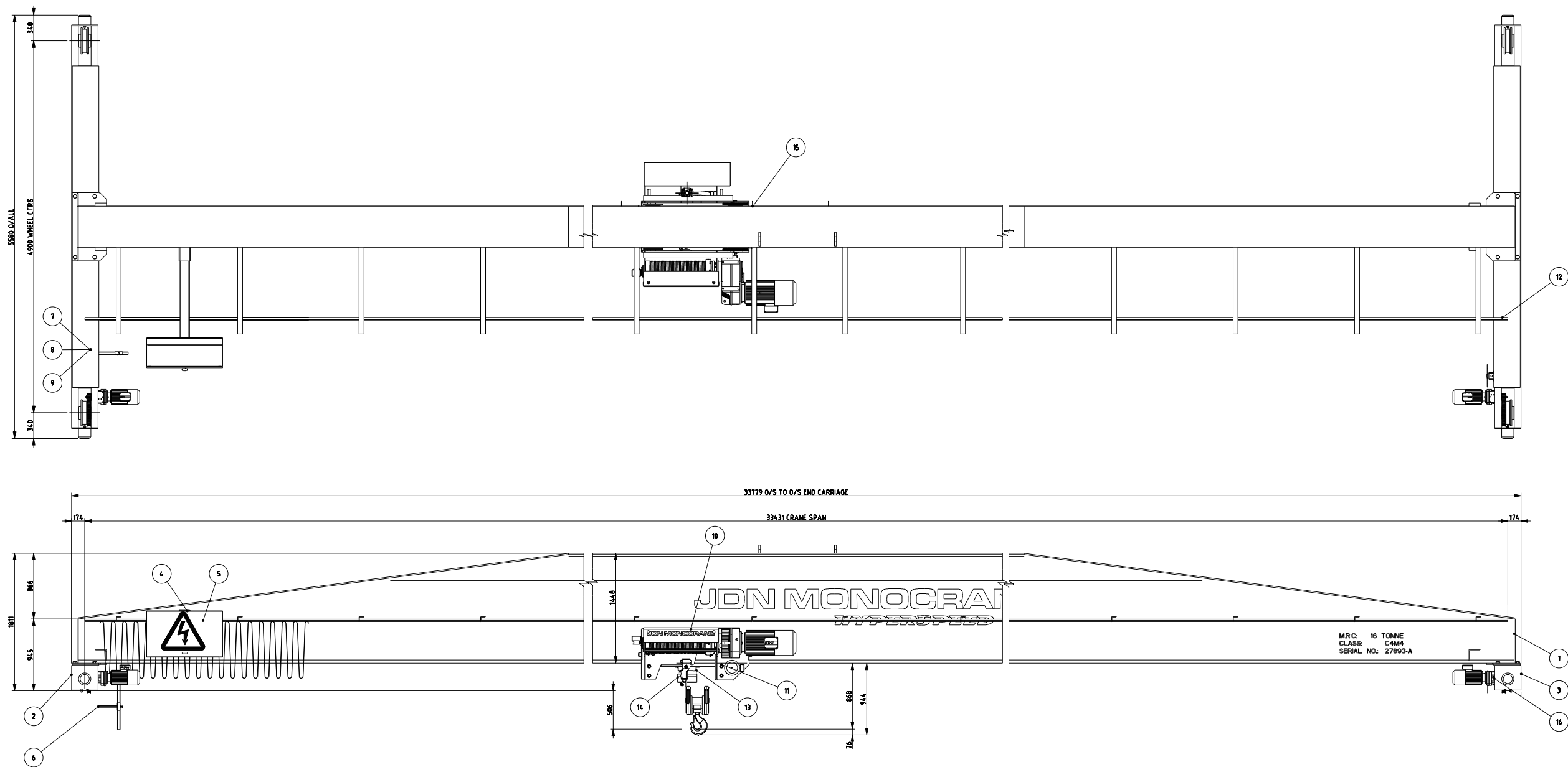
SOUTH AUSTRALIAN OCCUPATIONAL HEALTH, SAFETY & WELFARE ACT 1986
REQUIRES THAT YOUR BUILDING ENGINEER PROVIDE A DESIGN VERIFICATION STATEMENT FOR THE CRANES SUPPORTING STRUCTURE AND/OR FOUNDATION.

YOU MUST THEN SEND THIS STATEMENT TO:

The Director
SafeWork SA
Level 4, Building A World Park
33 Richmond Road
Kewwick SA 5035
Attention: Chief Advisor Engineering

*THIS SPEED IS ONLY AVAILABLE WITH LOADS LESS THAN 25% OF HOIST M.R.C.

8	STAA16X34-05-16H040-4/1120140		1	27893-3-02
7	STAA16X34-05-16H040-4/1120140		2	27893-1-02
6	PHOTO-ELECTRIC ANTI-COLLISION SETUP		1	AS PER ELECTRICAL
5	LT WINDMILL LIMIT SWITCH STRIKER		8	LSA-LT-WINDMILL_STRIKER
4	DOWNSHOP CONDUCTOR, J'TRACK	128000	1	CB5070A-128
3	DOWNSHOP CONDUCTOR, J'TRACK	48000	1	CB5070A-048
2	50SQ. BAR	128000	2	27893-1-50SQ6000
1	50SQ. BAR	48000	2	27893-3-50SQ6000
ITEM DESCRIPTION / MATERIAL		LENGTH	QTY	REFERENCE
DRAWN SB		JDN MONOCRANE 7 - 11 NATHAN RD DANDENONG VIC 3175 Ph. 03 9797 6666 27893- KJM CONTRACTORS 3 OFF 161 x 33.431m SINGLE GIRDER CRANES GENERAL ARRANGEMENT DRAWING		
CHECKED				
DATE 20-01-2012				
REV No. -				
		DEPT.	DRAWING No. 27893-01	
		SCALE 1:150	B1	



CRANE ASSEMBLY
2 OFF AS DRAWN
MARK 27893-1A
AND 27893-1B

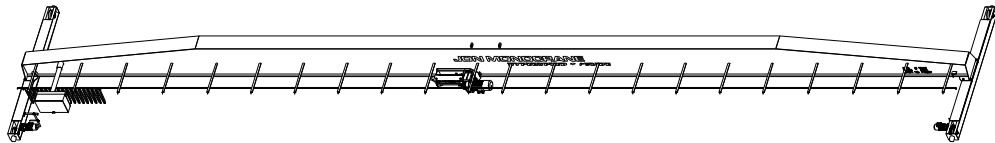
SPECIAL PAINT: AIZURA BLUE

WEIGHT = 15760.78 kg

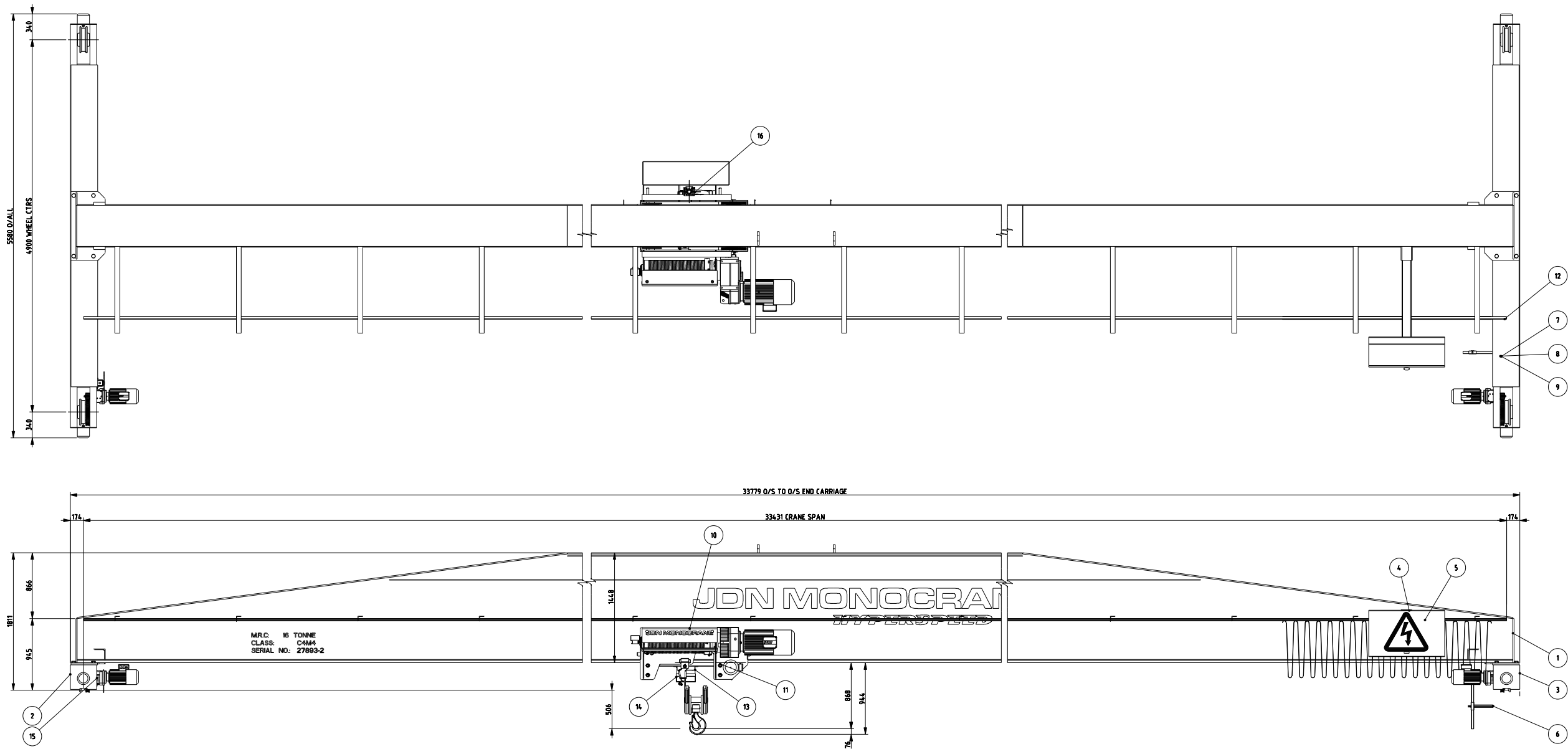
NOTES:

BOLTS: ALL COMMERCIAL GR 4 & 6 BOLTS (TO AS1111), ARE TO BE ZINC PLATE FINISH & SNUG TIGHTENED TO AS4100 CATEGORY 4.6/S
ALL HIGH STRENGTH GR 8.8 BOLTS (TO AS1252), ARE TO BE BLACK FINISH & FULLY TENSIONED TO AS4100 CATEGORY 8.8/TB

PAINT: PREP: POWER WIRE BRUSH CLEAN
1st COAT: PRIME COAT ZINC PHOSPHATE 40 µm DFT
2nd COAT: W/A
TOP COAT: ALKYD ENAMEL 40 µm DFT
COLOUR: AIZURA BLUE



16	LT WINDMILL SWITCH ASSEMBLY		2	LSA_LT_WINDMILL_S_SWITCH
15	X/T FAST TO SLOW TO STOP LIMIT SWITCH ASSEMBLY		2	LSA_XT_WINDMILL_G
14	57mm LOAD DISPLAY		2	AS PER ELECTRICAL
13	57mm LOAD DISPLAY BRACKET		2	57MM_27893-DISPLAY_BRACKET
12	POWER CATENARY SYSTEM	33431	2	27893-1-PCT5034-H
11	KEAH 5000 CROSS BOLT KIT		2	CDK-AH50-BW-540_1040
10	KEAH 5000 L40 4/1 HOIST		2	
9	M10 GR8.8 HEX HEAD NUT		4	M10M10
8	M10 SPRING WASHER		4	SW10
7	M10 GR8.8 HEX HEAD BOLT	30	4	M10M10430
6	LONG TRAVEL ADJUSTABLE TOW ARM		2	LT_TOW_ARM
5	1000 x 600 ELECTRICAL PANEL		2	AS PER ELECTRICAL
4	ELECTRICAL PANEL BRACKET		2	EPSB-R-600
3	ASSEMBLED DW305 ENDCARRIAGE		2	ETS306-S-1079-200-030-LWP_R
2	ASSEMBLED DW305 ENDCARRIAGE		2	ETS306-S-1079-200-030-LWP
1	16.0t x 33.431m SPAN, SINGLE GIRDER CRANE BRIDGE		2	27893-1-03
ITEM DESCRIPTION / MATERIAL		LENGTH QTY REFERENCE		
DRAWN SB		JDN MONOCRANE 7 - 11 NATHAN RD DANDENONG VIC 3175 Ph. 03 9797 6666 KJM CONTRACTORS SINGLE GIRDER CRANE ARRANGEMENT DETAIL		
CHECKED				
DATE 10-02-2012				
REV No. -				
		DEPT.	DRAWING No. 27893-1-02	
		SCALE 1:25		
		B1		



CRANE ASSEMBLY
1 OFF AS DRAWN
MARK 27893-2

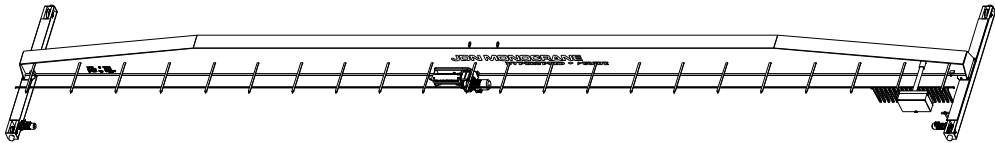
SPECIAL PAINT: AIZURA BLUE

WEIGHT = 15760.78 kg

NOTES:

BOLTS: ALL COMMERCIAL GR. 4.6 BOLTS (TO AS1111), ARE TO BE ZINC PLATE FINISH & SNUG TIGHTENED TO AS4100 CATEGORY 4.5/3
ALL HIGH STRENGTH GR. 8.8 BOLTS (TO AS1252), ARE TO BE BLACK FINISH & FULLY TENSIONED TO AS4100 CATEGORY 8.8/TB

PAINT: PREP: POWER WIRE BRUSH CLEAN
1st COAT: PRIME COAT ZINC PHOSPHATE 40 uM DFT
2nd COAT: N/A
TOP COAT: ALKYD ENAMEL 40 uM DFT
COLOUR: AIZURA BLUE



16	X/T FAST TO SLOW TO STOP LIMIT SWITCH ASSEMBLY	1	LSA_XT_WINDMILL_G
15	LT WINDMILL SWITCH ASSEMBLY	1	LSA_LT_WINDMILL_G_SWITCH
14	57mm LOAD DISPLAY	1	AS PER ELECTRICAL
13	57mm LOAD DISPLAY BRACKET	1	57MM_27893-DISPLAY_BRACKET
12	POWER CATENARY SYSTEM	33431	27893-3-PCT5034-H
11	KEAH 5000 CROSS BOLT KIT	1	CBK-AH50-BW-560_L040
10	KEAH 5000 L40 4/1 HOIST	1	
9	M10 GR8.8 HEX HEAD NUT	2	H08010
8	M10 SPRING WASHER	2	SW10
7	M10 GR8.8 HEX HEAD BOLT	30	H08010030
6	LONG TRAVEL ADJUSTABLE TOW ARM	1	LT_TOW_ARM
5	1000 x 600 ELECTRICAL PANEL	1	AS PER ELECTRICAL
4	ELECTRICAL PANEL BRACKET	1	EPSB-R-600
3	ASSEMBLED DW305 ENDCARRIAGE	1	ETS306-S-1079-200-030-L9P_R
2	ASSEMBLED DW305 ENDCARRIAGE	1	ETS306-S-1079-200-030-L9P
1	16.0t x 33.431m SPAN, SINGLE GIRDER CRANE BRIDGE	1	27893-3-03
ITEM	DESCRIPTION / MATERIAL	LENGTH QTY	REFERENCE
DRAWN	SB	JDN MONOCRANE 7 - 11 NATHAN RD DANDENONG VIC 3175 Ph. 03 9797 6666 KJM CONTRACTORS SINGLE GIRDER CRANE ARRANGEMENT DETAIL	
CHECKED			
DATE	10-02-2012		
REV No.	-		
DEPT.		DRAWING No.	27893-3-02
SCALE	1:25		
B1			