

PRODUCT TYPE :- EMS / MONORAIL / OTHER		DESIGNER :-	Ashvini	
PROJECT CODE :- A58H055-1718		TEAM LEADER :-	Amol Jagatap	
CUSTOMER NAME:- Asian Paints		DATE :-	16/03/2018	
		CRANE NO :-	NA	
SL.NO	DESCRIPTION	DESIGNER	TL	
1	PROJECT CODE/ CO NO.	✓	✓	
2	CORRECT CUSTOMER NAME & ADDRESS	✓	✓	
3	PROJECT TYPE	EMS MONORAIL	✓	✓
4	PROJECT QTY	1	✓	✓
5	CAPACITY OF THE SYSTEM	2T	✓	✓
6	TRAVEL LENGTH OF THE SYSTEM	5 mtr	✓	✓
7	HOL OF THE SYSTEM	12 mtr	✓	✓
8	TYPE OF CONTROL	CRANE CONTROL COMPLETE CONTROL	✓	✓
9	CONTROL VOLTAGE	24VDC 24VAC 48VAC 110VAC	✓ ✓ ✓ ✓	
10	TRAVEL POWER SUPPLY DETAILS	BUS BAR DRAG CHAIN FESTOON SYSTEM	✓	✓
11	CONTROL COMMUNICATION DETAILS	BUS BAR FESTOON SYSTEM WIRELESS SYSTEM	✓ ✓ ✓	
12	MAKE OF BUSBAR	NOT APPLICABLE SAFETRACK SAFELINE SAFEDUCT GEOVENZANA VAHLE WAMPHLER	✓	✓ NA
13	SCOPE OF BUSBAR	SEPL CUSTOMER		NA
14	SCOPE OF CURRENT COLLECTOR	SEPL CUSTOMER		NA
15	TYPE OF HOIST MODEL	CHAIN HOIST WIRE RORE HOIST	✓	✓
16	TYPE OF HOIST LIMIT SWITCH	TOP LIMIT SWITCH TOP & BOTTOM LIMIT SWITCH GL-2 GEAR LIMIT SWITCH GL-4 GEAR LIMIT SWITCH GL-6 GEAR LIMIT SWITCH GL-8 GEAR LIMIT SWITCH	✓	✓
17	SWITCH GEAR MAKE	SCHNEIDER SIEMENS ANY OTHER	✓	✓
18	MECHANICAL INTERLOCK FOR CONTACTOR	SIEMENS SCHNEIDER NOT APPLICABLE	✓	✓
19	CONTROL PANEL MAKE	SEPL RITTAL	✓	✓
20	PENDENT MAKE	SCHNEIDER GIOVENZANA	✓	✓
21	PENDENT CABLE LENGTH AS PER MECHANICAL DRAWING	18 mtr	✓	✓
22	VFD WITH CORRECT RATING ACCORDING TO MOTORS	NOT APPLICABLE SCHNEIDER SIEMENS MITSUBISHI ALLEN BRADLY ANY OTHER	✓	
23	ANTICOLLISION SENSOR MAKE	NOT APPLICABLE IFM OMRON SICK	✓	✓

24	REVOLVING LAMP + HOOTER	NOT APPLICABLE LOCAL PATLITE	✓	✓
25	REMOTE	NOT APPLICABLE HBC TELECRANE SPEED O CONTROL	✓	✓
26	GRAVITY LIMIT SWITCH	NOT APPLICABLE SIEMENS SPEED O CONTROL	✓	✓
27	PLC SYSTEM	NOT APPLICABLE SIEMENS MITSUBISHI ALLEN BRADLY SCHNEIDER	✓	✓
28	FIX CABLES	FINOLEX LAPP	✓	✓
29	FESTOON CABLES	HELU LAPP	✓	✓
30	PENDENT CABLE	HELU LAPP IGUS	✓	✓
31	ADDITIONAL FIELD DEVICES	NOT APPLICABLE MCB WITH MCB BOX ELCB ISOLATOR SWITCH POWER CABLE JUNCTION BOX	✓	✓
32	CHECK FOR FERRULING & CROSS REFERENCE		✓	✓
33	PANEL OGA & IGA DRAWING CHECK		✓	✓
34	PANEL CUTOUT DRAWINGS CHECK		✓	✓
35	ELECTRICAL DETAILS GIVEN TO MECHANICAL DESIGN & EXPLAINED		✓	✓
36	LONG LEAD & BOM GIVEN TO PURCHASE		✓	✓
37	PANEL CUTOUT DRAWINGS GIVEN TO PURCHASE		✓	✓
38	BOM ENTERED IN ERP		✓	✓
39	DRAWINGS ATTACHED IN ERP		✓	✓
40	HOIST INSTRUCTION GIVEN TO ELE. MFG WITH EXACT FLANGE WIDTH			

REMARKS

1	Check formulae	} checked & } Corrected
2	MPCB no. check	
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Nalini
16/3/18

Ajeet P
17/3/18

PRODUCT TYPE :- UNDER SLUNG CRANES		DESIGNER :-	Ashvini	
PROJECT CODE :- A10K044-1718		TEAM LEADER :-	Amol Jagatap	
CUSTOMER NAME:- Ashok Leyland , Hosur		DATE :-	09/01/2017	
		CRANE NO :-	DGUS-17-003-1431	
SL.NO	DESCRIPTION		DESIGNER	TL
1	PROJECT CODE/ CO NO.		✓	✓
2	CORRECT CUSTOMER NAME & ADDRESS		✓	✓
3	PROJECT TYPE	SGUS CRANE DGUS CRANE	✓	✓
4	PROJECT QTY	1	✓	✓
5	CAPACITY OF THE CRANE/ SYSTEM	2X1.6 T	✓	✓
6	SPAN OF THE CRANE	8 Mtr	✓	✓
7	HOL OF THE CRANE	6 mtr	✓	✓
8	TYPE OF CONTROL	CRANE CONTROL COMPLETE CONTROL	✓	✓
9	CONTROL VOLTAGE	24VDC 24VAC 48VAC 110VAC	✓ ✓	✓
10	LT POWER SUPPLY DETAILS	BUS BAR DRAG CHAIN FESTOON SYSTEM	✓	✓
11	CT POWER SUPPLY DETAILS	DRAG CHAIN FESTOON SYSTEM	✓	✓
12	MAKE OF BUSBAR	SAFETRACK SAFELINE SAFEDUCT GEOVENZANA WAMPHLER	✓ ✓	✓
13	SCOPE OF BUSBAR	SEPL CUSTOMER	✓	✓
14	SCOPE OF CURRENT COLLECTOR	SEPL CUSTOMER	✓	✓
15	TYPE OF HOIST MODEL	CHAIN HOIST WIRE ROPE HOIST	✓	✓
16	TYPE OF HOIST LIMIT SWITCH	TOP LIMIT SWITCH TOP & BOTTOM LIMIT SWITCH GL-2 GEAR LIMIT SWITCH GL-4 GEAR LIMIT SWITCH GL-6 GEAR LIMIT SWITCH GL-8 GEAR LIMIT SWITCH	✓	✓
17	SWITCH GEAR MAKE	SCHNEIDER SIEMENS ANY OTHER	✓	✓
18	MECHANICAL INTERLOCK FOR CONTACTOR	SIEMENS SCHNEIDER NOT APPLICABLE	✓	✓
19	CONTROL PANEL MAKE	SEPL RITTAL	✓	✓
20	PENDENT MAKE	SCHNEIDER GIOVENZANA	✓	✓
21	PENDENT CABLE LENGTH AS PER MECHANICAL DRAWING	7.5 mtr	✓	✓
22	VFD WITH CORRECT RATING ACCORDING TO MOTORS	NOT APPLICABLE SCHNEIDER SIEMENS MITSUBISHI ANY OTHER	✓	✓
23	ANTICOLLISION SENSOR MAKE	NOT APPLICABLE IFM OMRON SICK	✓	✓
24	REVOLVING LAMP + HOOTER	NOT APPLICABLE LOCAL PATLITE	✓	✓

25	REMOTE	NOT APPLICABLE HBC TELECRANE SPEED O CONTROL	✓	✓
26	GRAVITY LIMIT SWITCH	NOT APPLICABLE SIEMENS SPEED O CONTROL	✓	✓
27	BRIDGE LIGHT	NOT APPLICABLE HAVELS PHILIPS	✓	✓
28	LOAD DISPLAY	NOT APPLICABLE APPLICABLE	✓	✓
29	FIX CABLES	FINOLEX LAPP	✓	✓
30	FESTOON CABLES	HELU LAPP	✓	✓
31	PENDENT CABLE	HELU LAPP IGUS	✓	✓
32	ADDITIONAL FIELD DEVICES	NOT APPLICABLE MCB WITH MCB BOX ELCB ISOLATOR SWITCH POWER CABLE JUNCTION BOX FOR DGUS	✓	✓
33	LT CABLES ARRANGEMENT	THROUGH CABLE TRAY THROUGH CABLE HOLDER	✓	✓
34	CHECK FOR FERRULING & CROSS REFERENCE		✓	✓
35	PANEL OGA & IGA DRAWING CHECK		✓	✓
36	PANEL CUTOUT DRAWINGS CHECK		✓	✓
37	ELECTRICAL DETAILS GIVEN TO MECHANICAL DESIGN & EXPLAINED		✓	✓
38	LONG LEAD & BOM GIVEN TO PURCHASE		✓	✓
39	PANEL CUTOUT DRAWINGS GIVEN TO PURCHASE		✓	✓
40	BOM ENTERED IN ERP		✓	✓
41	DRAWINGS ATTACHED IN ERP		✓	✓
42	HOIST INSTRUCTION GIVEN TO ELE. MFG WITH EXACT FLANGWIDTH		✓	
43	DRAG CHAIN LAYOUT DRAWINGS TAKEN FROM SUPLIER & GIVEN TO MECHANICAL DESIGNER		NA	✓

REMARKS

1	Shuttle the hoist wiring Page nos.	
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Jayatop
10/11/2018

PRODUCT TYPE :- EOT CRANES		DESIGNER :-	Ashvini
PROJECT CODE :- T31K046 - 1718		TEAM LEADER :-	Amol Jagatap
CUSTOMER NAME:- Triveni Earthmovers		DATE :-	08/01/2017
		CRANE NO :-	DGET-17-012-1433
SL.NO	DESCRIPTION	DESIGNER	TL
1	PROJECT CODE/ CO NO.	✓	✓
2	CORRECT CUSTOMER NAME & ADDRESS	✓	✓
3	PROJECT TYPE	SGEOT CRANE DGEOT CRANE	✓ ✓
4	PROJECT QTY	1	✓ ✓
5	CAPACITY OF THE CRANE/ SYSTEM	12T	✓ ✓
6	SPAN OF THE CRANE	18mtr	✓ ✓
7	HOL OF THE CRANE	7 mtr	✓ ✓
8	TYPE OF CONTROL	CRANE CONTROL COMPLETE CONTROL	✓ ✓
9	CONTROL VOLTAGE	24VDC 24VAC 48VAC 110VAC	✓ ✓ ✓ ✓
	LT POWER SUPPLY DETAILS	BUS BAR DRAG CHAIN FESTOON SYSTEM	✓ ✓
11	CT POWER SUPPLY DETAILS	DRAG CHAIN FESTOON SYSTEM	✓ ✓
12	MAKE OF BUSBAR	SAFETRACK SAFELINE SAFEDUCT GEOVENZANA WAMPHLER	✓ ✓
13	SCOPE OF BUSBAR	SEPL CUSTOMER	✓ ✓
14	SCOPE OF CURRENT COLLECTOR	SEPL CUSTOMER	✓ ✓
15	TYPE OF HOIST MODEL	CHAIN HOIST WIRE ROPE HOIST	✓ ✓
16	TYPE OF HOIST LIMIT SWITCH	TOP LIMIT SWITCH TOP & BOTTOM LIMIT SWITCH GL-2 GEAR LIMIT SWITCH GL-4 GEAR LIMIT SWITCH GL-6 GEAR LIMIT SWITCH GL-8 GEAR LIMIT SWITCH	✓ ✓ ✓
17	SWITCH GEAR MAKE	SCHNEIDER SIEMENS ANY OTHER	✓ ✓
18	MECHANICAL INTERLOCK FOR CONTACTOR	SIEMENS SCHNEIDER NOT APPLICABLE	✓ ✓
19	CONTROL PANEL MAKE	SEPL RITTAL	✓ ✓
20	PENDENT MAKE	SCHNEIDER GIOVENZANA	✓ ✓
21	PENDENT CABLE LENGTH AS PER MECHANICAL DRAWING	10.5	✓ ✓
22	VFD WITH CORRECT RATING ACCORDING TO MOTORS	NOT APPLICABLE SCHNEIDER SIEMENS MITSUBISHI ANY OTHER	✓ ✓
23	ANTICOLLISION SENSOR MAKE	NOT APPLICABLE IFM OMRON SICK	✓ ✓

24	REVOLVING LAMP + HOOTER	NOT APPLICABLE LOCAL PATLITE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
25	REMOTE	NOT APPLICABLE HBC TELECRANE SPEED O CONTROL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
26	GRAVITY LIMIT SWITCH	NOT APPLICABLE SIEMENS SPEED O CONTROL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
27	BRIDGE LIGHT	NOT APPLICABLE HAVELS PHILIPS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
28	LOAD DISPLAY	NOT APPLICABLE APPLICABLE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
29	FIX CABLES	FINOLEX LAPP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
30	FESTOON CABLES	HELU LAPP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
31	PENDENT CABLE	HELU LAPP IGUS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
32	ADDITIONAL FIELD DEVICES	NOT APPLICABLE MCB WITH MCB BOX ELCB ISOLATOR SWITCH POWER CABLE JUNCTION BOX	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
33	LT CABLES ARRANGEMENT	THROUGH CABLE TRAY THROUGH CABLE HOLDER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
34	CHECK FOR FERRULING & CROSS REFERENCE		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
35	PANEL OGA & IGA DRAWING CHECK		<input checked="" type="checkbox"/>	
36	PANEL CUTOUT DRAWINGS CHECK		<input checked="" type="checkbox"/>	
37	ELECTRICAL DETAILS GIVEN TO MECHANICAL DESIGN & EXPLAINED		<input checked="" type="checkbox"/>	
38	LONG LEAD & BOM GIVEN TO PURCHASE		<input checked="" type="checkbox"/>	
39	PANEL CUTOUT DRAWINGS GIVEN TO PURCHASE		<input checked="" type="checkbox"/>	
40	BOM ENTERED IN ERP		<input checked="" type="checkbox"/>	
41	DRAWINGS ATTACHED IN ERP		<input checked="" type="checkbox"/>	
42	HOIST INSTRUCTION GIVEN TO ELE. MFG WITH EXACT FLANGWIDTH		<input checked="" type="checkbox"/>	
43	DRAG CHAIN LAYOUT DRAWINGS TAKEN FROM SUPLIER & GIVEN TO MECHANICAL DESIGNER		<input checked="" type="checkbox"/>	

REMARKS

1	correct customer name spellings for complete drawings.	} Drag modified as per marked in dwg.
2	Do changes as marked in dwg.	
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Akash
08/11/18

Jagat
9/11/2018

PRODUCT TYPE :- UNDER SLUNG CRANES		DESIGNER :-	Ashvini	
PROJECT CODE :- A11K051-1718		TEAM LEADER :-	Amol Jagatap	
CUSTOMER NAME:- Ashok Layland		DATE :-	27/1/2018	
		CRANE NO :-	SGUS-17-001-1458/1459	
SL.NO	DESCRIPTION		DESIGNER	TL
1	PROJECT CODE/ CO NO.	A11K051-1718	✓	✓
2	CORRECT CUSTOMER NAME & ADDRESS		✓	✓
3	PROJECT TYPE	SGUS CRANE DGUS CRANE	✓	✓
4	PROJECT QTY	2 NO	✓	✓
5	CAPACITY OF THE CRANE/ SYSTEM	1 T	✓	✓
6	SPAN OF THE CRANE	8 M	✓	✓
7	HOL OF THE CRANE	8 M	✓	✓
8	TYPE OF CONTROL	CRANE CONTROL COMPLETE CONTROL	✓	✓
		24VDC		
9	CONTROL VOLTAGE	24VAC 48VAC 110VAC	✓ ✓	✓
10	LT POWER SUPPLY DETAILS	BUS BAR DRAG CHAIN FESTOON SYSTEM	✓ ✓	✓
11	CT POWER SUPPLY DETAILS	DRAG CHAIN FESTOON SYSTEM	✓ ✓	✓
12	MAKE OF BUSBAR	SAFETRACK SAFELINE SAFEDUCT GEOVENZANA WAMPHLER	✓ ✓	✓
13	SCOPE OF BUSBAR	SEPL CUSTOMER	✓ ✓	✓
14	SCOPE OF CURRENT COLLECTOR	SEPL CUSTOMER	✓ ✓	✓
15	TYPE OF HOIST MODEL	CHAIN HOIST WIRE RORE HOIST	✓ ✓	✓
16	TYPE OF HOIST LIMIT SWITCH	TOP LIMIT SWITCH TOP & BOTTOM LIMIT SWITCH GL-2 GEAR LIMIT SWITCH GL-4 GEAR LIMIT SWITCH GL-6 GEAR LIMIT SWITCH GL-8 GEAR LIMIT SWITCH	✓ ✓	✓
	SWITCH GEAR MAKE	SCHNEIDER SIEMENS ANY OTHER	✓ ✓	✓
18	MECHANICAL INTERLOCK FOR CONTACTOR	SIEMENS SCHNEIDER NOT APPLICABLE	✓ ✓	✓
19	CONTROL PANEL MAKE	SEPL RITTAL	✓ ✓	✓
20	PENDENT MAKE	SCHNEIDER GIOVENZANA	✓ ✓	✓
21	PENDENT CABLE LENGTH AS PER MECHANICAL DRAWING		✓ ✓	✓
22	VFD WITH CORRECT RATING ACCORDING TO MOTORS	NOT APPLICABLE SCHNEIDER SIEMENS MITSUBISHI ANY OTHER	✓ ✓	✓
23	ANTICOLLISION SENSOR MAKE	NOT APPLICABLE IFM OMRON SICK	✓ ✓	✓
24	REVOLVING LAMP + HOOTER	NOT APPLICABLE LOCAL PATLITE	✓ ✓	✓

25	REMOTE	NOT APPLICABLE HBC TELECRANE SPEED O CONTROL	✓	✓
26	GRAVITY LIMIT SWITCH	NOT APPLICABLE SIEMENS SPEED O CONTROL	✓	✓
27	BRIDGE LIGHT	NOT APPLICABLE HAVELS PHILIPS	✓	✓
28	LOAD DISPLAY	NOT APPLICABLE APPLICABLE	✓	✓
29	FIX CABLES	FINOLEX LAPP	✓	✓
30	FESTOON CABLES	HELU LAPP	✓	✓
31	PENDENT CABLE	HELU LAPP IGUS	✓	✓
32	ADDITIONAL FIELD DEVICES	NOT APPLICABLE MCB WITH MCB BOX ELCB ISOLATOR SWITCH POWER CABLE JUNCTION BOX FOR DGUS	✓	✓
33	LT CABLES ARRANGEMENT	THROUGH CABLE TRAY THROUGH CABLE HOLDER	✓	✓
34	CHECK FOR FERRULING & CROSS REFERENCE		✓	✓
35	PANEL OGA & IGA DRAWING CHECK		✓	✓
36	PANEL CUTOUT DRAWINGS CHECK		✓	✓
37	ELECTRICAL DETAILS GIVEN TO MECHANICAL DESIGN & EXPLAINED		✓	✓
38	LONG LEAD & BOM GIVEN TO PURCHASE		✓	✓
39	PANEL CUTOUT DRAWINGS GIVEN TO PURCHASE		✓	✓
40	BOM ENTERED IN ERP		✓	✓
41	DRAWINGS ATTACHED IN ERP		✓	✓
42	HOIST INSTRUCTION GIVEN TO ELE. MFG WITH EXACT FLANGWIDTH		✓	✓
43	DRAG CHAIN LAYOUT DRAWINGS TAKEN FROM SUPLIER & GIVEN TO MECHANICAL DESIGNER	MA -		

REMARKS

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Ajay P
27/12/2018

PRODUCT TYPE :- EOT CRANES		DESIGNER :-	Ashvini	
PROJECT CODE :- TEK052/53-1718		TEAM LEADER :-	Amol Jagtap	
CUSTOMER NAME:- Tata hitachi		DATE :-	27/3/2018	
		CRANE NO :-	DGEOT-17.020.1454/55/56/57	
SL.NO	DESCRIPTION		DESIGNER	TL
1	PROJECT CODE/ CO NO.		✓	✓
2	CORRECT CUSTOMER NAME & ADDRESS		✓	✓
3	PROJECT TYPE	SGEOT CRANE DGEOT CRANE	✓	✓
4	PROJECT QTY	4	✓	✓
5	CAPACITY OF THE CRANE/ SYSTEM	20 T	✓	✓
6	SPAN OF THE CRANE	30 M	✓	✓
7	HOL OF THE CRANE	10 M	✓	✓
8	TYPE OF CONTROL	CRANE CONTROL COMPLETE CONTROL	✓	✓
9	CONTROL VOLTAGE	24VDC 24VAC 48VAC 110VAC	✓ ✓	✓ ✓
	LT POWER SUPPLY DETAILS	BUS BAR DRAG CHAIN FESTOON SYSTEM	✓ ✓	✓ ✓
11	CT POWER SUPPLY DETAILS	DRAG CHAIN FESTOON SYSTEM	✓	✓
12	MAKE OF BUSBAR	SAFETRACK SAFELINE SAFEDUCT GIOVENZANA WAMPHLER / Demag	✓	✓
13	SCOPE OF BUSBAR	SEPL CUSTOMER	✓	✓
14	SCOPE OF CURRENT COLLECTOR	SEPL CUSTOMER	✓	✓
15	TYPE OF HOIST MODEL	CHAIN HOIST WIRE ROPE HOIST	✓	✓
16	TYPE OF HOIST LIMIT SWITCH	TOP LIMIT SWITCH TOP & BOTTOM LIMIT SWITCH GL-2 GEAR LIMIT SWITCH GL-4 GEAR LIMIT SWITCH GL-6 GEAR LIMIT SWITCH GL-8 GEAR LIMIT SWITCH	✓	✓
17	SWITCH GEAR MAKE	SCHNEIDER SIEMENS ANY OTHER	✓	✓
18	MECHANICAL INTERLOCK FOR CONTACTOR	SIEMENS SCHNEIDER NOT APPLICABLE	✓	✓
19	CONTROL PANEL MAKE	SEPL RITTAL	✓	✓
20	PENDENT MAKE	SCHNEIDER GIOVENZANA	✓	✓
21	PENDENT CABLE LENGTH AS PER MECHANICAL DRAWING		✓	✓
22	VFD WITH CORRECT RATING ACCORDING TO MOTORS	NOT APPLICABLE SCHNEIDER SIEMENS MITSUBISHI ANY OTHER	✓	✓
23	ANTICOLLISION SENSOR MAKE	NOT APPLICABLE IFM OMRON SICK	✓	✓

24	REVOLVING LAMP + HOOTER	NOT APPLICABLE LOCAL PATLITE		
25	REMOTE	NOT APPLICABLE HBC TELECRANE SPEED O CONTROL	✓	✓
26	GRAVITY LIMIT SWITCH	NOT APPLICABLE SIEMENS SPEED O CONTROL	✓	✓
27	BRIDGE LIGHT	NOT APPLICABLE HAVELS PHILIPS	✓	✓
28	LOAD DISPLAY	NOT APPLICABLE APPLICABLE	✓	✓
29	FIX CABLES	FINOLEX LAPP	✓	✓
30	FESTOON CABLES	HELU / IGUS LAPP	✓	✓
31	PENDENT CABLE	HELU LAPP IGUS	✓	✓
32	ADDITIONAL FIELD DEVICES	NOT APPLICABLE MCB WITH MCB BOX ELCB ISOLATOR SWITCH POWER CABLE JUNCTION BOX	✓	✓
33	LT CABLES ARRANGEMENT	THROUGH CABLE TRAY THROUGH CABLE HOLDER	✓	✓
34	CHECK FOR FERRULING & CROSS REFERENCE		✓	✓
35	PANEL OGA & IGA DRAWING CHECK		✓	✓
36	PANEL CUTOUT DRAWINGS CHECK		✓	✓
37	ELECTRICAL DETAILS GIVEN TO MECHANICAL DESIGN & EXPLAINED		✓	✓
38	LONG LEAD & BOM GIVEN TO PURCHASE		✓	✓
39	PANEL CUTOUT DRAWINGS GIVEN TO PURCHASE		✓	✓
40	BOM ENTERED IN ERP		✓	✓
41	DRAWINGS ATTACHED IN ERP			
42	HOIST INSTRUCTION GIVEN TO ELE. MFG WITH EXACT FLANGWIDTH		✓	✓
43	DRAG CHAIN LAYOUT DRAWINGS TAKEN FROM SUPLIER & GIVEN TO MECHANICAL DESIGNER		✓	✓

REMARKS

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*As per P.
27/1/2018*

CHAIN HOIST INSTRUCTION SHEET

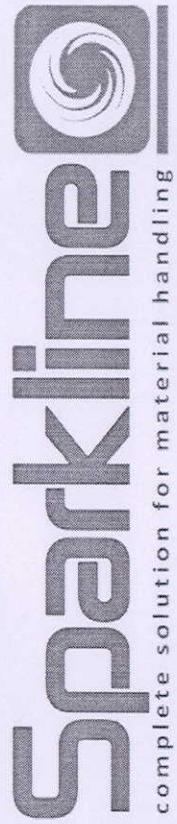
Chain Hoist		HOIST INSTRUCTION.		RCH053
NA - Chain Hoist 250 KG 4 M HOL Without Control Not Applicable		DATE : 14/02/2018		
Project Code	: WPL053_1718	REVISION NO.	R0	
Prepaid By	: ASHVINI NALAWADE	SERIAL NO:-	NA	
Checked By	: AMOL JAGATAP	ERP CODE :-	NA	
Hoist Specification				
Type of Hoist	: Chain Hoist	Type of Hook	Specify...	
Hoist Model	: NA	Derated Capacity	: NA	KG
Make of Hoist	: STAHL Make	Type of Mounting	-	
Capacity	: 250 KG			
HOL	: 4 M			
FEM				
Derated FEM	: NA			
Hoisting Speed Type	: Not Applicable			
Hoisting Speed	Fast : NA m/min		NA	
	Slow : NA m/min			NA
IP Protection	: IP 55			NA
Quantity	: 5 Nos.			
Type of Control	: Without Control			
Control Type	: Not Applicable			
Control Voltage	: Not Applicable			
Amb. Temperature	: - 10° C to + 40° C			
Limit Switches	: Specify...	!		
Flange Width	: NA mm			
Radius	: NA mm			
Options				
Paint for Hoist	: A20/80:80 µm			
PTC for Hoist	: Not Applicable			

CHAIN HOIST INSTRUCTION SHEET

Chain Hoist		HOIST INSTRUCTION.	CH065
ST 2010 8/2 2/1 Motorized Standard Headroom Chain Hoist 2000 KG 5.2 M HOL With Control 48 V AC		DATE : 14/02/2018	
Project Code	S34H065_1718	REVISION NO.	R0
Prepared By	ASHVINI NALAWADE	SERIAL NO:-	
Checked By	AMOL JAGATAP	ERP CODE :-	
Hoist Specification			
Type of Hoist	Chain Hoist		
Hoist Model	ST 2010 8/2 2/1		
Make of Hoist	STAHL Make	Type of Hook	Single Hook
Capacity	2000 KG	Derated Capacity	NA KG
HOL	5.2 M		
FEM	1Am	Type of Mounting	Motorized Standard Headroom
Derated FEM	NA		
Hoisting Speed Type	Double Speed		
Hoisting Speed	Fast : 4 m/min	CT Speed Type	Single Speed
	Slow : 1 m/min	Travel Speed	Fast : 20 m/min
IP Protection	IP 55	Slow	5 m/min
Quantity	1 Nos.		
Type of Control	With Control		
Control Type	Complete Control		
Control Voltage	48 V AC		
Amb. Temperature	- 10° C to + 40° C		
Limit Switches	Top & Bottom Hook Position		
Flange Width	0 mm	please mention flange width.	
Radius	NA mm		
Options			
Paint for Hoist	A20/80:80 µm		
PTC for Hoist	Applicable		

Other Instruction	(Eg - CT & LT Motors For The Crane, etc.....)
PENDENT WITH HOIST	
4mm U CLAMP - 2 NO.S	
4mm U WIRE ROPE - 5.7 MTR	
I BOLT M 6 X 20 - 1 NO	
CROSS ROD LIMIT SWITCH - 1 NO	
CABLE FOR CT LIMIT SW 7C0.75 FINOLEX MAKE-1MTR	

0	1	2	3	4	5	6	7	8	9
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Customer
Drawing number
Project description
Crane No.
Order No.
Qty.

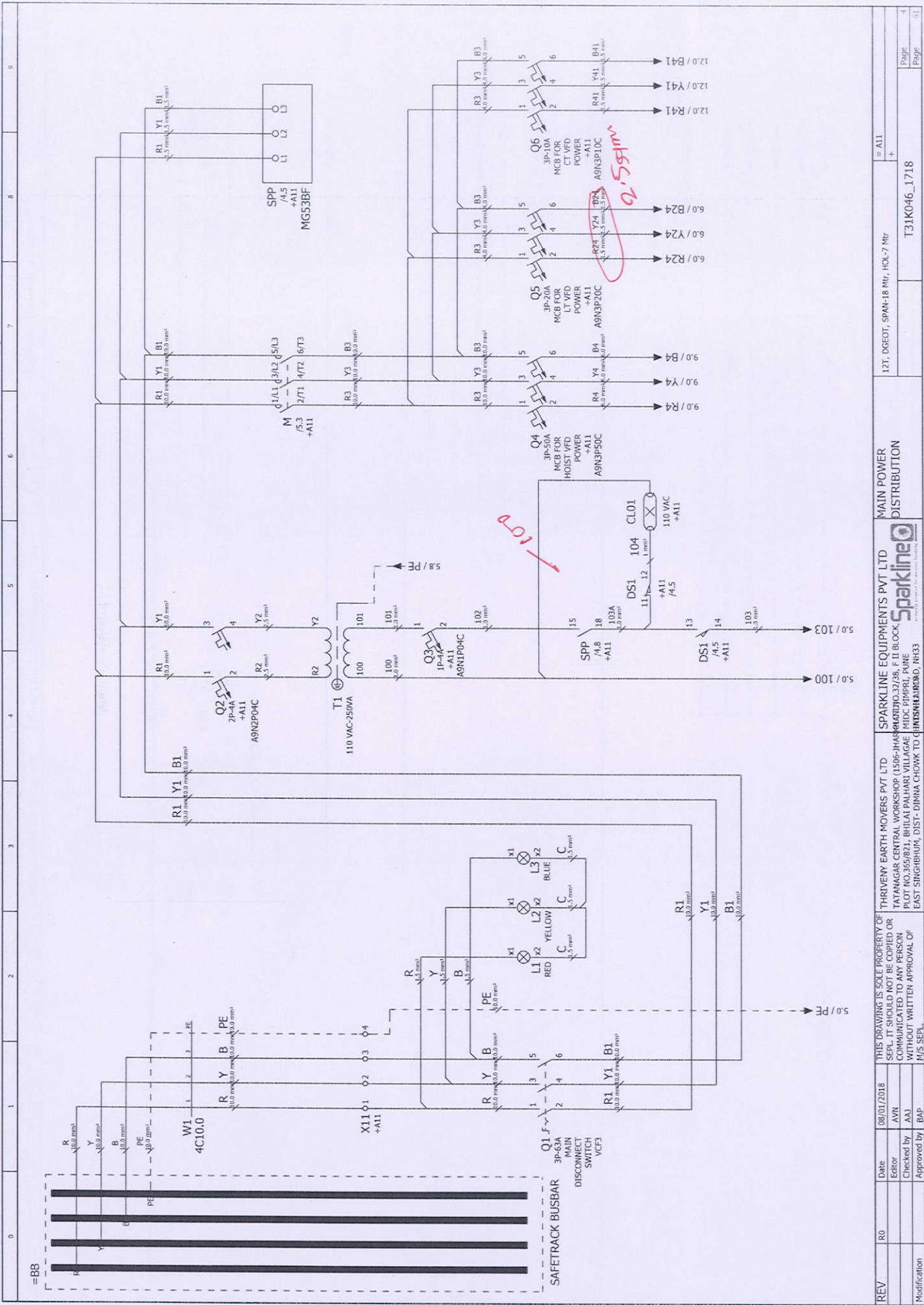
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T31K046_1718
12T, DGEOT, SPAN-18 Mtr, HOL-7 Mtr
DGEOT-17-012-1433
4101109131
1

Supply Voltage 415VAC
Control Voltage 110VAC
KW 21.6kW
Ampere 43.6A
Ambient Temperature 45°

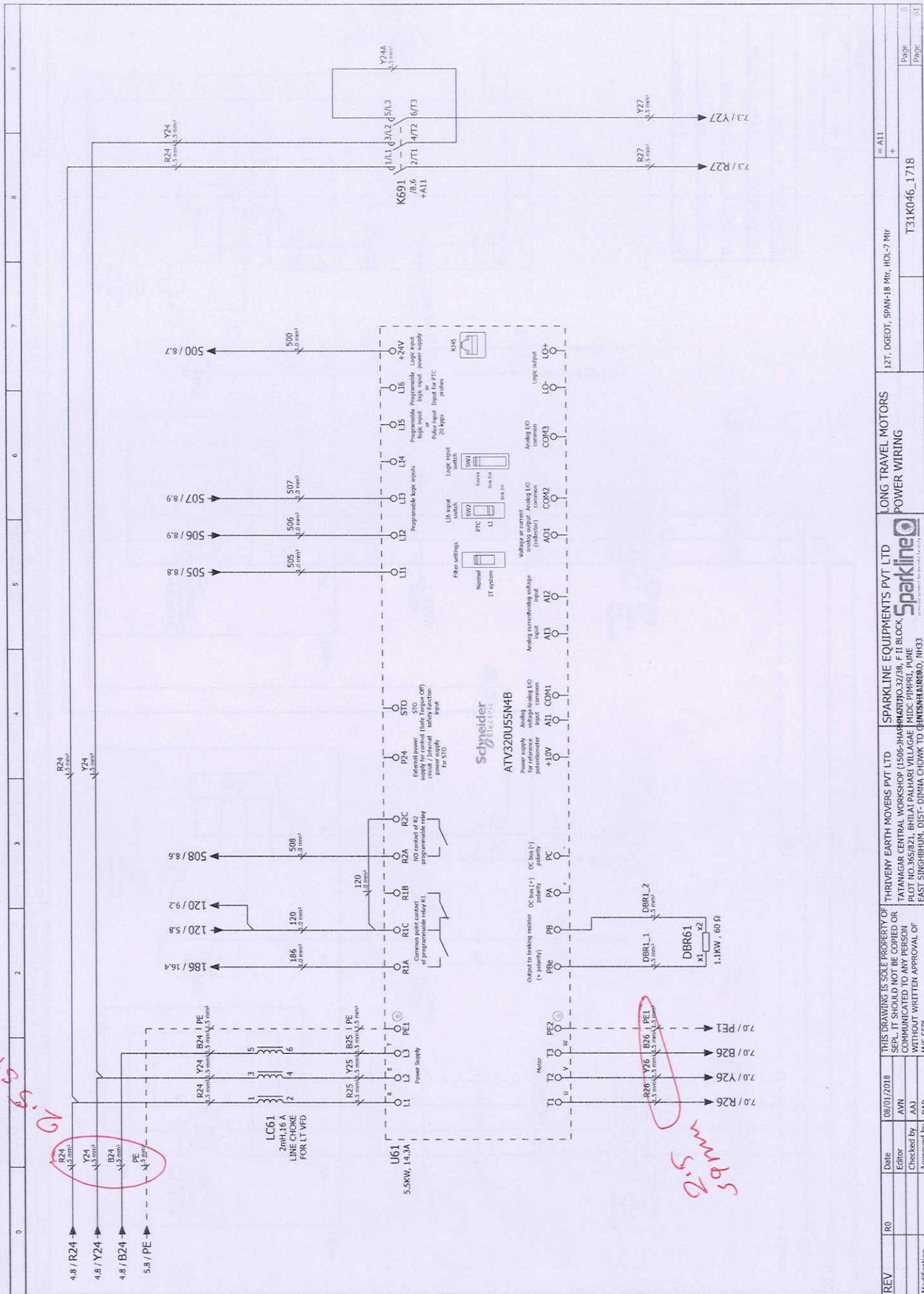
Created on 28/12/2017
Edit date 08/01/2018
By ashvini

Number of pages: 61

REV	RO	Date	28/12/2017	THIS DRAWING IS SOLE PROPERTY OF THRIVENY EARTH MOVERS PVT LTD IT SHOULD NOT BE COPIED OR COMMUNICATED TO ANY PERSON WITHOUT WRITTEN APPROVAL OF M/S SEHLI & PARTNERS PLOT NO.365/221, BHILAI PAHARI VILLAGE/ MIDC CAMP, PUNE EAST SINGHBHUM, DIST- DIMNA CHOWK TO JINTSHAHABAD, NH33 JHARKHAND-831012	SPARKLINE EQUIPMENTS PVT LTD CENTRAL WORKSHOP (1506-JHARKHAND)-32/38, F-1 BLOCK PLOT NO.365/221, BHILAI PAHARI VILLAGE/ MIDC CAMP, PUNE EAST SINGHBHUM, DIST- DIMNA CHOWK TO JINTSHAHABAD, NH33 JHARKHAND-831012	COVER PAGE	12T, DGEOT, SPAN-18 Mtr, HOL-7 Mtr	= COVER PAGE
		Editor	AVN					+
		Checked by	AAJ					T31K046_1718
		Approved by	BAP					Page 1 Page 61



REV	R0	Date	08/01/2018	THIS DRAWING IS SOLE PROPERTY OF SPARKLINE EQUIPMENT PVT LTD	MAIN POWER DISTRIBUTION	12T DGET, SPAN-18 Mtr, HOL-7 Mtr	= A11
		Editor	AVN	THIRUVENI EARTH MOVERS PVT LTD JHARKHAND-821, BHILAI PAHLARI VILLAGE- PLOT NO.357/821, JHARKHAND, INDIA CHOWK TO JHARKHAND-831012			+
		Checked by	AAA	SHARAGAR CENTRAL WORKSHOP (1506-JHARKHAND-32/821, F II BLOCK, EAST SINGHRAM, DIST- DILMA CHOWK TO JHARKHAND-831012)		T31K046_1718	Page 4
		Approved by	BAP	M/S SEP,			Page 51
Modification							



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		Editor	AVN	IT SHOULD NOT BE COPIED OR COMMUNICATED TO ANY PERSON
		Cheched by	AAJ	WITHOUT WRITTEN APPROVAL OF THE GER
		Approved by	DAD	THE GER
MATERIALS & MANUFACTURER		SPARKLINE EQUIPMENTS PVT LTD TATANAGAR CENTRAL WORKSHOP (1506-HANSHMANDO-2138, F11 BLOCK PLOT NO. 345/21, BHILAI PAHLARI VILLAGE EAST SINGHBUM, DIST:- DIMA CHOKA TO CHUNDIBAHARBO, NH33 JHARKHAND, INDIA)		
MANUFACTURED BY SPARKLINE EQUIPMENT PVT LTD, TATANAGAR, JHARKHAND, INDIA		LONG TRAVEL MOTORS POWER WIRING		
		12T, DGEOT, SPAN-18 Mtr, HOL-7 Mtr T31K046_1718		
		= A11 + Page 5 Page 51		

9

	1	2	3	4	5	6	7	8	
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MPCB SETTING RANGE

QM1 :-	5.2 A
QM2 :-	5.2 A

MOTOR TYPE : 384

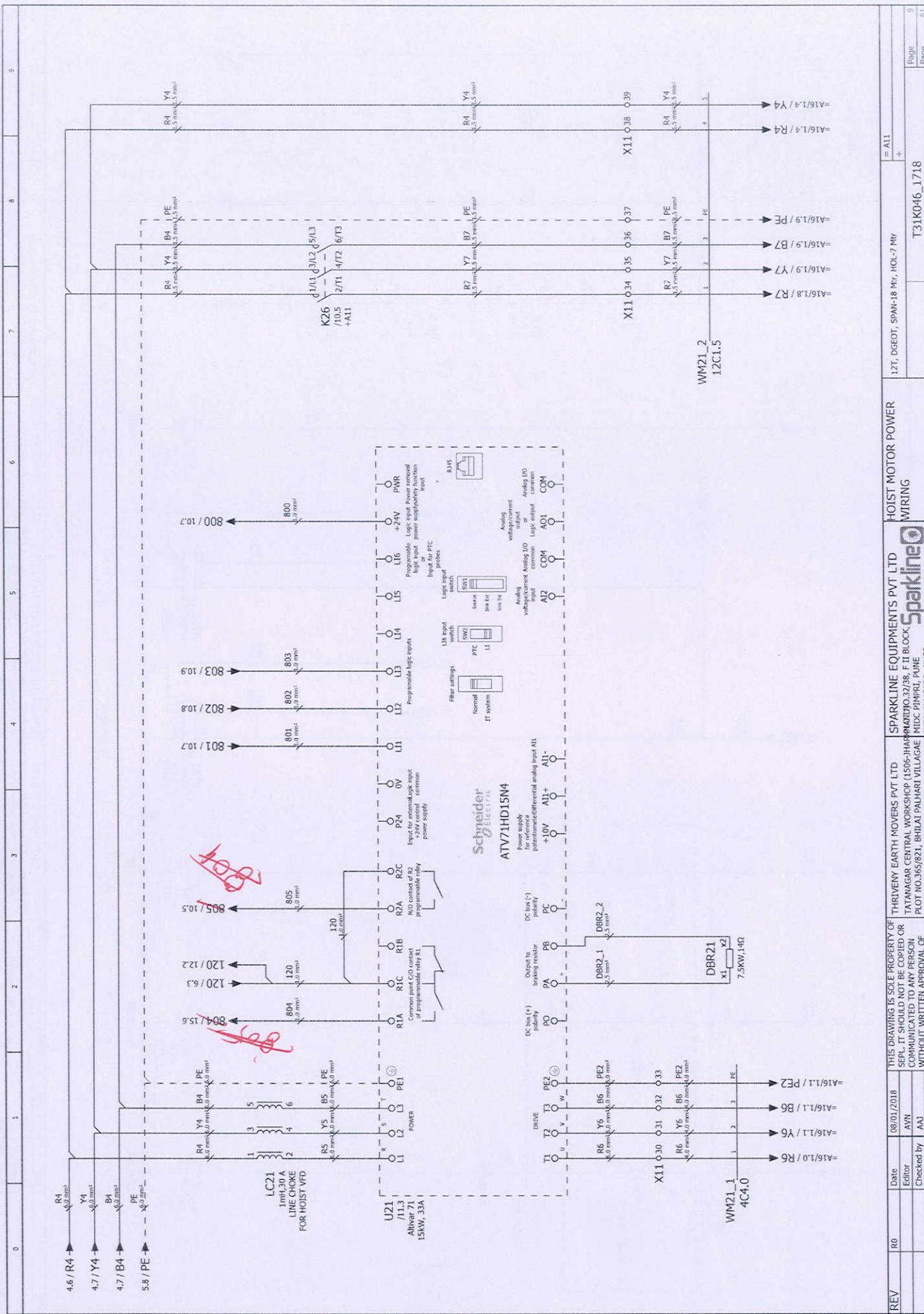
MOTOR MODEL :	2 X SF 35 832 384
KW RATING :	2 X 2.2 KW
AMP RATING :	2 X 5.2 A
SPEED :	2.5...25 M/MIN

REV R0 Date 08/01/2018 Editor AVN Checked by AAJ Approved by DAD

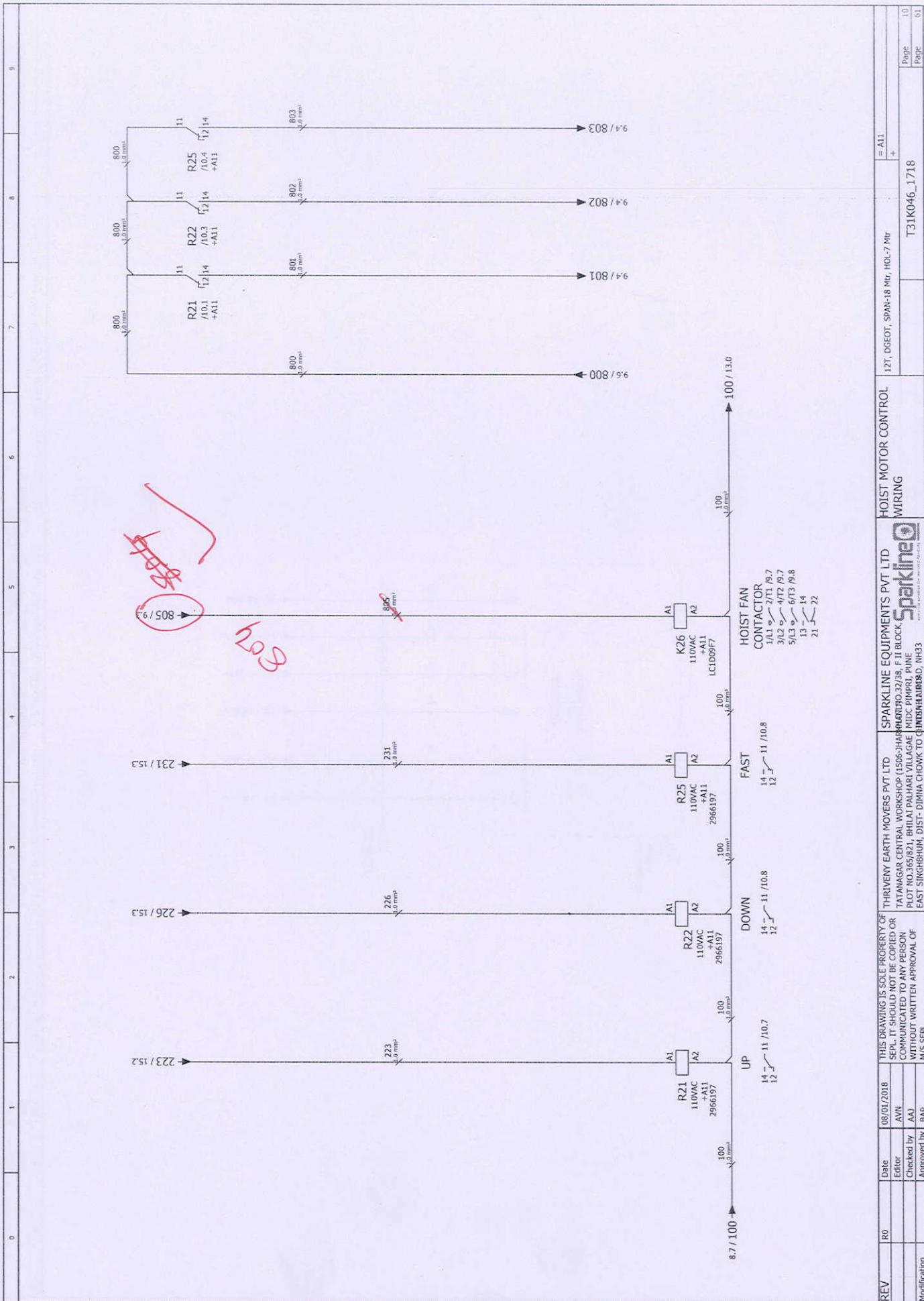
THIS DRAWING IS SOLE PROPERTY OF THRIVENY EARTH MOVERS PVT LTD
TATANAGAR CENTRAL WORKSHOP (1506-JHANBADUO-3238, FII BLOCK)
BUILLL PAHLA VILAGE, JHANBADUO, MUDC, PIMPRI, PUNE
EAST SINGHAMUNI DISTT - DIMNA CHTW TO CHINSHAHAR ROAD, NH33
PLOT NO. 165/821, BUILLL PAHLA VILAGE, JHANBADUO, MUDC, PIMPRI, PUNE
MANUFACTURED BY SPARKLINE EQUIPMENT PVT LTD
SPARKLINE EQUIPMENT PVT LTD
T31K046_1718

Page 7
Page 51

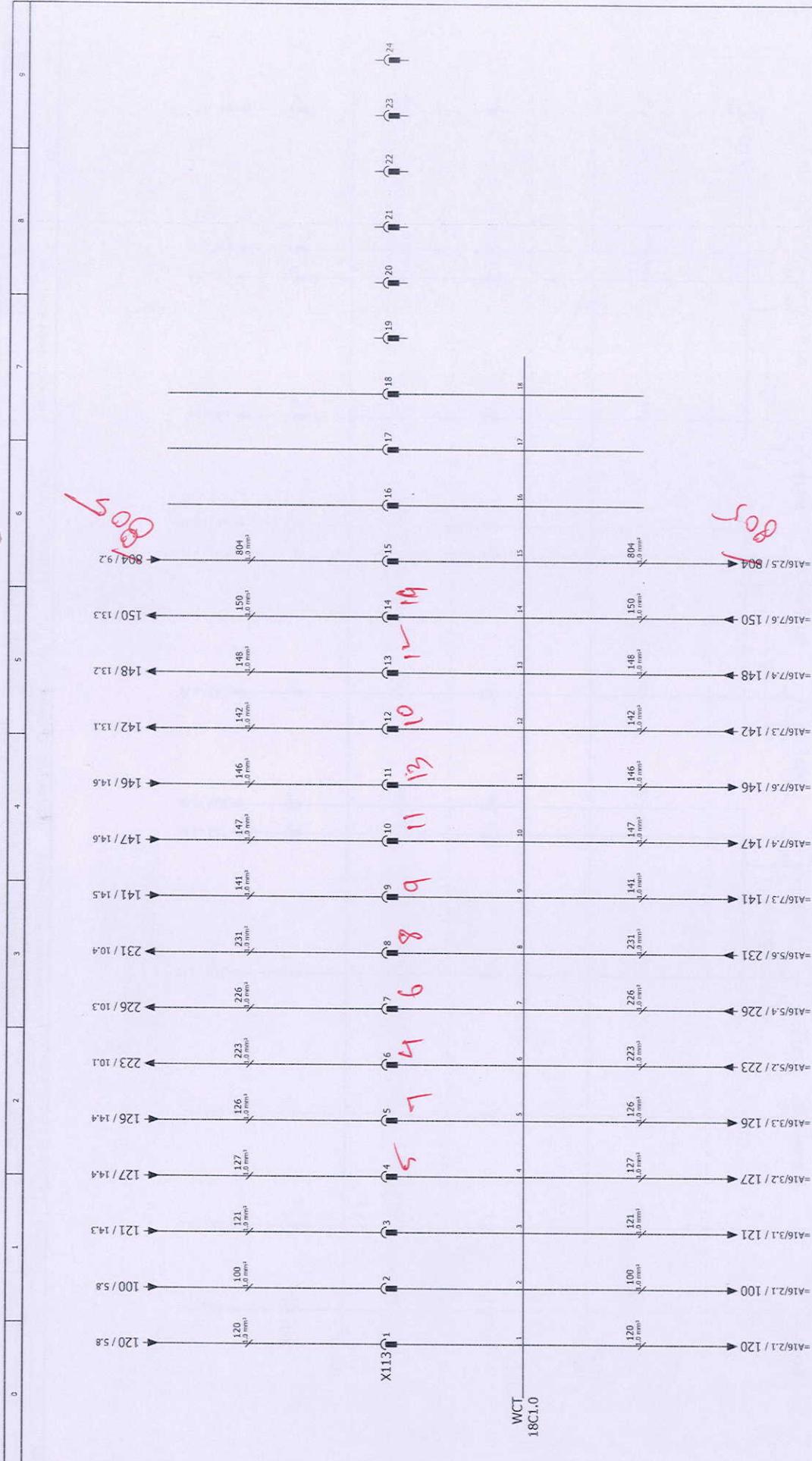
REV	R0	Date	08/01/2018	Editor	AVN	Check by	AJJ	Approved by	DAD	Long Travel Motors Control Wiring	12T, DGET, SPAN-18 Mr., HOL-7 Mr	= A11
Modifications										T31K046_1718		Page 7 Page 61



REV	RO	Date	Editor	Checkered by	Approved by	HOIST MOTOR POWER	HOISTING EQUIPMENT PVT LTD	SPARKLINE EQUIMENT PVT LTD			
		08/01/2018	AVN	AAJ	BBB	12T, DGEOT, SPAN-18 Mr, HOL-7 Mr	A11	+/-	+/-	+/-	+/-
Modification								T31K046_1718			

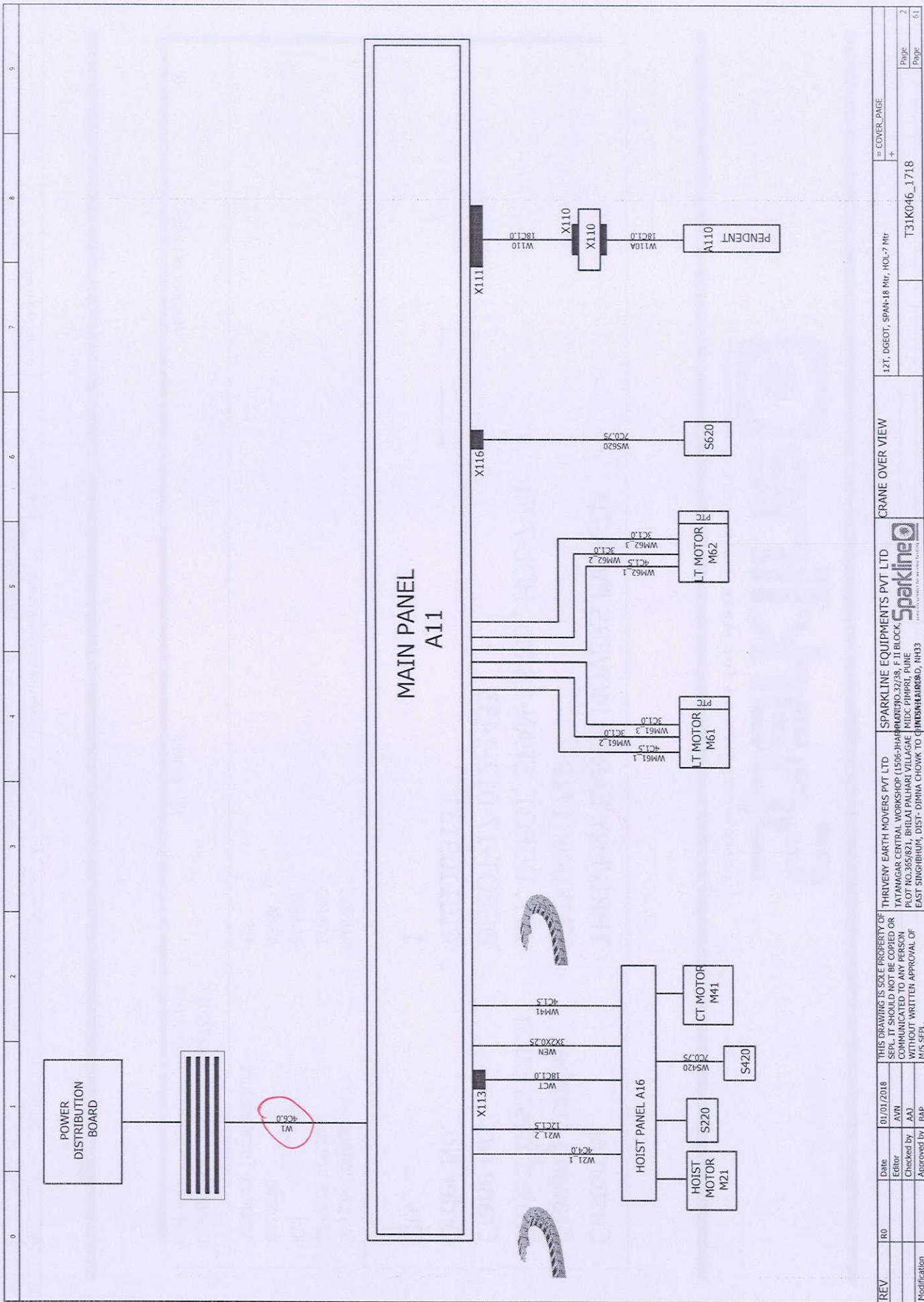


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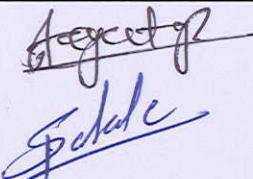
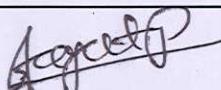


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		Editor	AVN	TATANAGAR, 323783, 11 BLOCK, BILHAI, PALHARI, VILLAGE, DIST. - SINGHOMU, JHARKHAND, INDIA	+		
		Checked by	AJAI	PLOT NO. 365/821, BHILAI, PIMPRI, PUNE, MH, INDIA		T 31K046_1718	Page 15
		Approved by	BAP	EAST, SINGHOMU, DIST - DIMNA, CHOKT TO CHINTAMANI BLDG, NH33 TELEPHONE : 06571-222222			Page 61

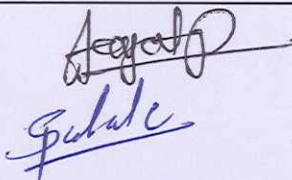
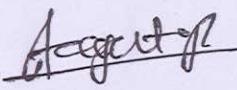
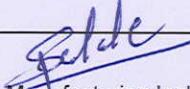
REV R0 Date 28/12/2017 THIS DRAWING IS SOLE PROPERTY OF SEPL. IT SHOULD NOT BE COPIED OR COMMUNICATED TO ANY PERSON WITHOUT WRITTEN APPROVAL OF AVN AAU



**POINTS DISCUSSED IN DESIGN REVIEW &
Release**

Ref. Documents:		Date: 27/11/2018
1) Electrical dwg. 2) BOM 3) Hoist instruction		PO No:
		CO NO: TEK052/53+1718
		Project Manager: Saroj Patil
		Designer: Ashvini / Amol
PERSONS ATTENDED		SIGNATURE
1) Amol Jagatpuri 2) Rayu Sabale		 
Points Discussed		
1) Electrical dwg. discussed in detail 2) Electrical dwg + BOM hard copy handed over to MFG. 3) H.I. given to MFG.		
Designer: 		Manufacturing Incharge: 
Date: 27/11/2018		Date:
RELEASE AUTHORISED		DATE
Project Manager		

POINTS DISCUSSED IN DESIGN REVIEW & Release

Ref. Documents: 1) Electrical dwg 2) BOM 3) Hoist 'metreulation'	Date:	27/11/2018
	PO No:	4340003902
	CO NO:	A11K051-1718
	Project Manager:	Nilam
	Designer:	Ashvini / Amol
PERSONS ATTENDED		SIGNATURE
1) Amol Jagatap 2) Raju sable		 
Points Discussed		
1) Electrical dwg. discussed in detail 2) BOM & dwg hard copy handover to MFG. 3) H.J. given to MFG.		
Designer: 	Manufacturing Incharge: 	
Date: 27/11/2018	Date:	
RELEASE AUTHORISED		DATE
Project Manager		

POINTS DISCUSSED IN DESIGN REVIEW

Ref. Documents: 1) Hoist instruction 2) BOM 3) Electrical diag	Date:	10/01/2018
	PO No:	
	CO NO:	A10K044-1718
	Project Manager:	Nilam Kumar
	Designer:	Ashvini
PERSONS ATTENDED		SIGNATURE
1) Raju Sable		<u>Raju Sable</u>
2) Ashvini		<u>Ashvini</u>

- 1) Electrical diag discussed & hardcopy handed over to mfg.
- 2) BOM entry done in ERP & hardcopy handed over to mfg.
- 3) Hoist instruction handed over to mfg.

Designer: <u>Ashvini</u>	Manufacturing Incharge: <u>Raju Sable</u>
Date:	Date:
RELEASE AUTHORISED	DATE
SEPL/DRM/01	Project Manager

POINTS DISCUSSED IN DESIGN REVIEW

Ref. Documents: 1) Electrical dwg. 2) BOM 3) Hoist instruction.	Date:	A53H055-1718 16/03/2018
	PO No:	
	CO NO:	A53H055-1718
	Project Manager:	Saroj Patil
	Designer:	Ashvini
PERSONS ATTENDED		SIGNATURE
1) Raju Sabde		<u>Sabde</u>
2) Ashvini		<u>Ashvini</u>

- 1) Electrical dwg discussed & hardcopy handedover to mfg.
- 2) BOM entry done in ERP & hardcopy handedover to mfg.
- 3) Hoist instruction handedover to mfg.
- 4) Continuous cable for incoming supply of all monorail. Site person will used as per site length. Provide female for the same. —

Designer: Ashvini

Manufacturing Incharge: Sabde

Date:

Date:

RELEASE AUTHORISED

DATE

Project Manager



Computer Solutions for Manufacturing

BOM CHANGE NOTICE

1. BCN No.-	1
Proj. BCN. -	1

2. BCN Category (make one)	As per ECN Temporary Design Improvement Sales-Cus. Requirement Change Production-suggestion Purchase- Non availability After Sales -Required Design Error	3. Originator's Name , Organization Telephone No.- ASHVINI NALAWADE	4. Department:- DESIGN PURCHASE PRODUCTION STORE QUALITY	5. Date-31/03/2018 6.Item code :- 22120108,22911003, 22911015 9.Design Authority Sign & Date. <u>Ashvini</u> 31/03/18
7. Project Title / No./ Work Order No. C.O.	ORK055/56/57/58_1718	8. Modification Work completed. Yes- No.-	<input checked="" type="radio"/> <input type="radio"/>	

10. Description of Changes.
JUNCTION BOX 110L X 110H X 70 MM-3QTY NEED TO ADD

CABLE ROUND 4CX1.5 FINOLEX - 2MTR
CABLE ROUND 8CX1 SQ FINOLEX -2MTR

11. Distribution (include name , no.. Of copies) PRODUCTION--BALAJI UIMATE, RAJU SABLE PURCHASE -- VINAYAK MATERIAL-- QUALITY--D. PAWAR STORE--HARISH,	12. Department Authority sign & Date . 31/03/18
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