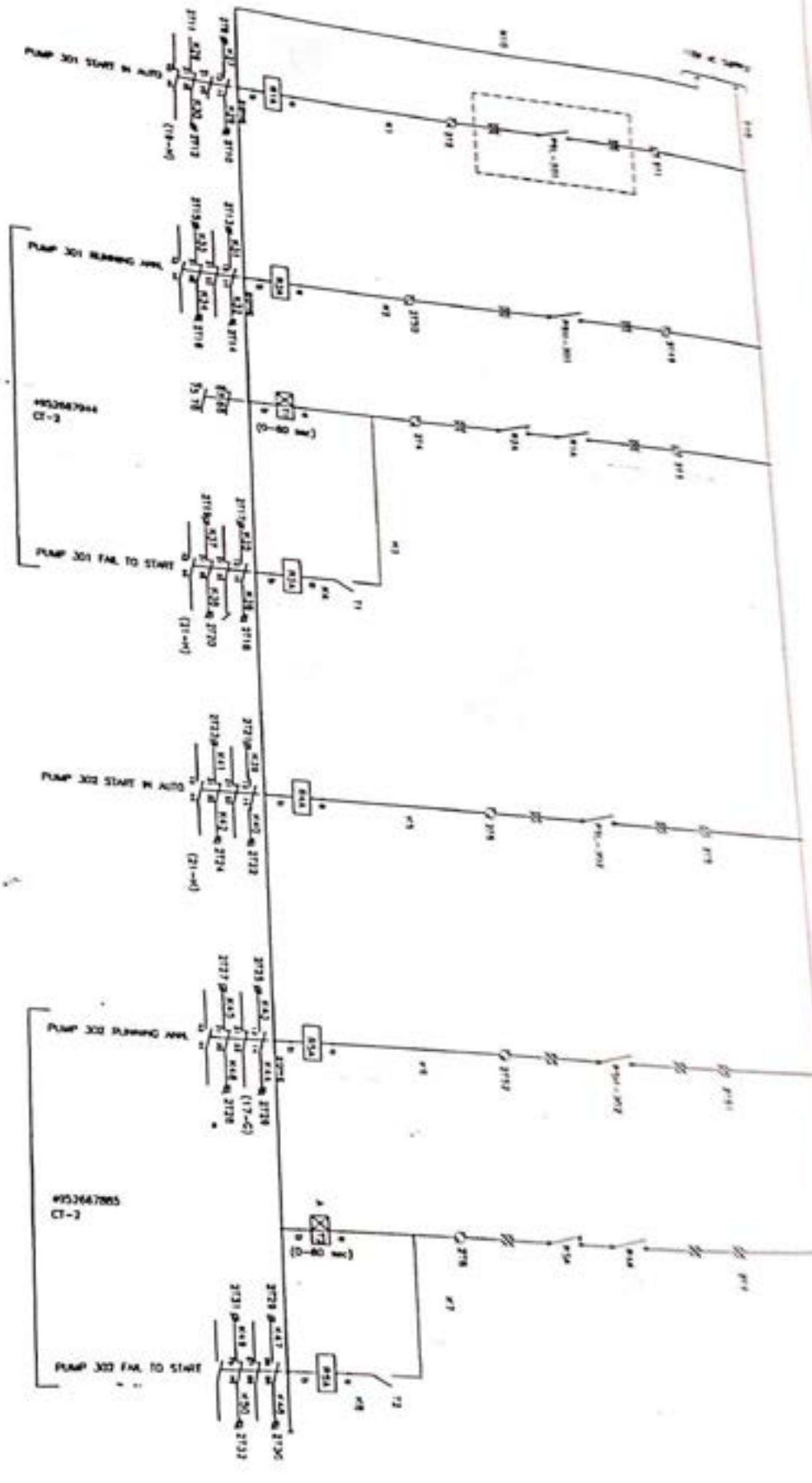


AS BUILT

CLIENT:		M/S UNITECH MACHINS LTD	
CONSULTANT:		M/S DESEIN LTD	
PROJECT:		GMDC	
DRN.	N.K.S.	AR VEB CONTROLS C-35 SECTOR-7 NOIDA	
CHD.	V.K.S.		
APPD.			
SCALE:		N.T.S.	
JOB NO.:		P120-E-001	
TOTAL SHEET OF-14		10	
TITLE:		G.A. & SCHEMATIC OF CONTROL PANEL-1	
DRG. NO.:		P120-E-001	
REV.	03	SHEET	5 OF 14

DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 DIMENSIONS FOR PANELS ARE IN INCHES UNLESS OTHERWISE STATED.
 ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.



AS BUILT

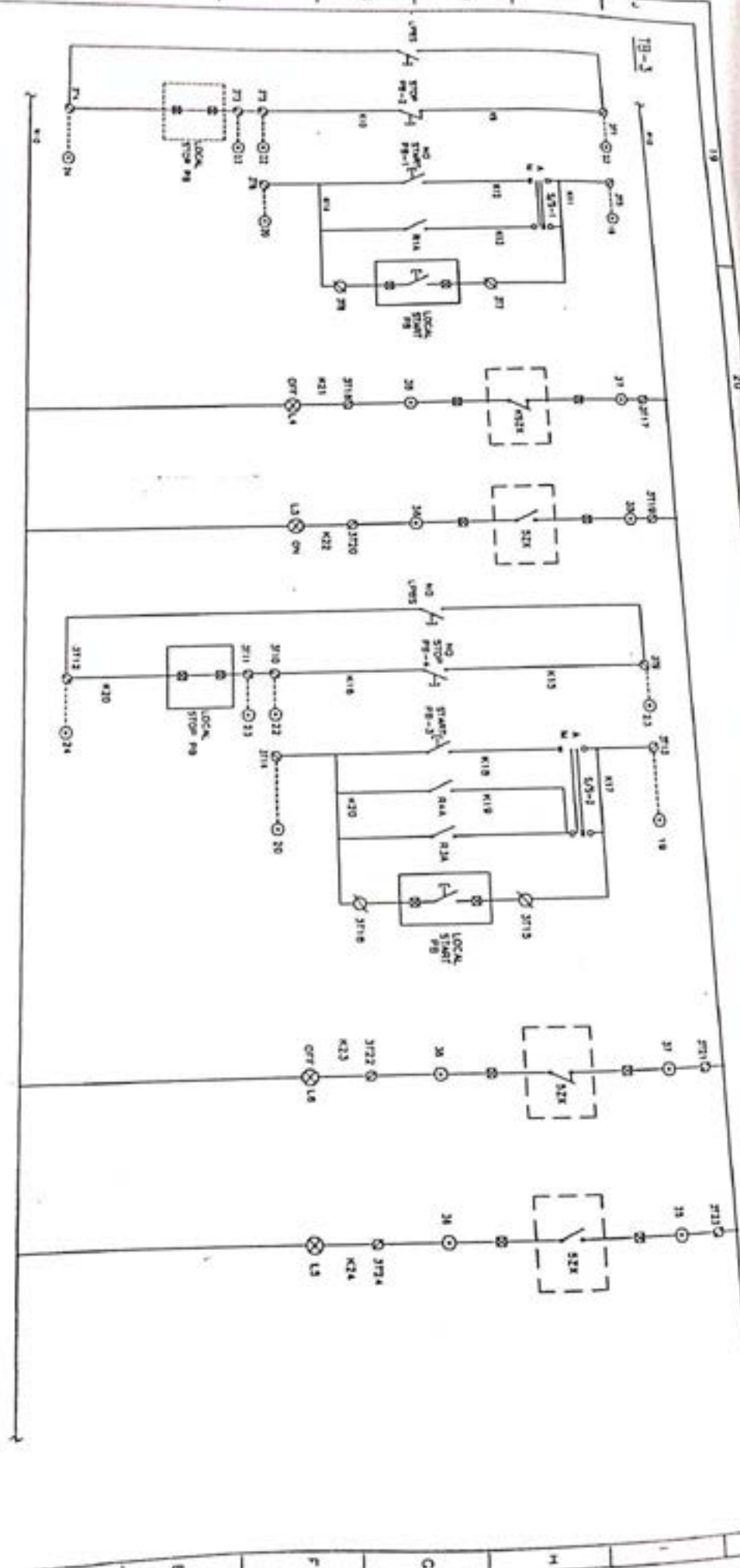
CLIENT: M/S UNITECH MACHINS LTD
 CONSULTANT: M/S DESEIN LTD
 PROJECT: GMDC

DRN.	N.K.S.
CHD.	V.K.S.
APPD.	
SCALE	N.T.S.
JOB NO.	--
TOTAL SHEET	OF-14

AAR VEE CONTROLS
 C-35 SECTOR-7 NOIDA
 TITLE: G.A. & SCHEMATIC OF CONTROL PANEL-1
 DRG. NO. P120-E-001
 REV. 03 SHEET 8 OF 14

ALL DIMENSIONS UNLESS OTHERWISE STATED.
 DIMENSIONS FOR PARAMETERS MEASURED ARE ±1% OF RATED
 UNLESS OTHERWISE STATED.

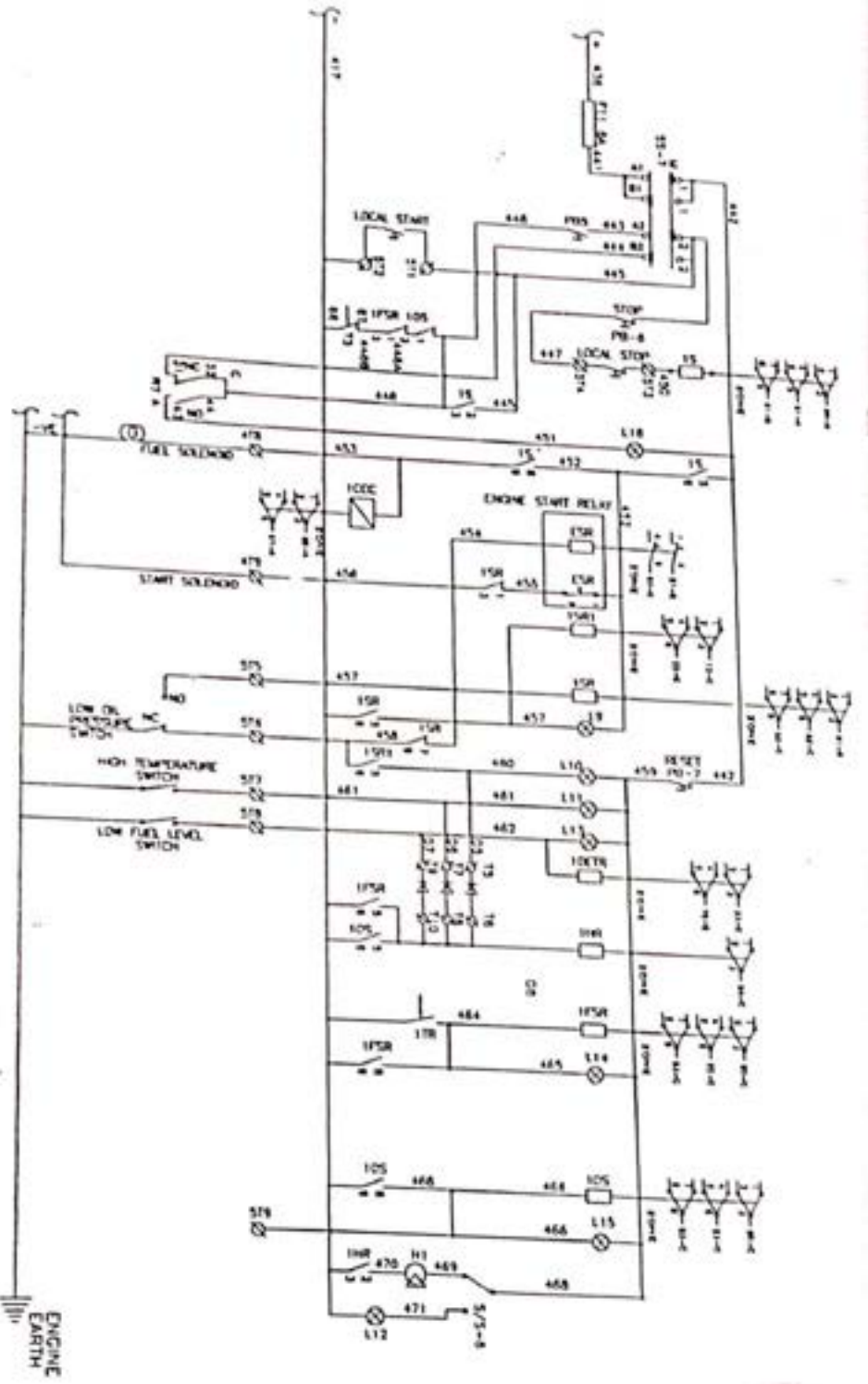
13 14 15 16 17 18



LEGEND: -
 ⊗ LOCK CONTROL PANEL AS BUILT
 ⊙ EXTERNAL FIELD
 ⊕ MCC (BY CURRENT)

CLIENT: MIS UNITECH MACHINS LTD		DRN:	N.K.S.	TITLE: AAR VEE CONTROLS	
CONSULTANT: M/S DESEIN LTD		CHD:	V.K.S.	C-35 SECTOR-7 NOIDA	
PROJECT: GMDC		APPD:	N.T.S.	GA. & SCHEMATIC OF CONTROL PANEL-1	
PROJECT: GMDC		SCALE:	N.T.S.	DRG. NO. P120-E-001	
PROJECT: GMDC		JOB NO.:	-	REV 03	
PROJECT: GMDC		TOTAL SHEET:	OF-14	SHEET 7 OF 14	

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 DISTANCE LIMIT FOR PROTECTIVE MEASUREMENTS ARE 5% OF SAID
 DISTANCE UNLESS OTHERWISE STATED



CONTROL SCHEMATIC FOR DIESEL ENGINE CONTROL
 HYD PUMP-303
 (ENGINE DRIVEN)
 (SCALE 0.5")

AS BUILT

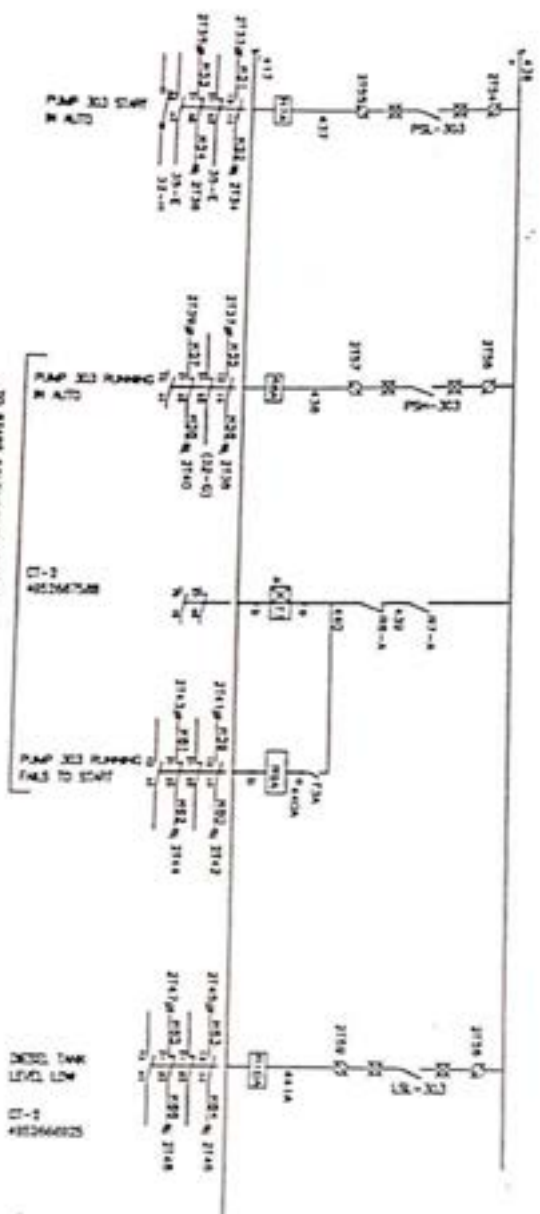
MEASUREMENTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 DIMENSIONS FOR PARTS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 DIMENSIONS FOR PARTS MEASURED ARE 1/16" OF RATIO
 UNLESS OTHERWISE STATED.

CLIENT: M/S UNITECH MACHINS LTD
 CONSULTANT: M/S DESEIN LTD
 PROJECT: GMDC

DRN	N.K.S.
CHKD	V.K.S.
APPRO.	
SCALE	N.T.S.
JOB NO.	--
TOTAL SHEET	OF-14

TITLE: AAR VEE CONTROLS
 C-35 SECTOR-7 NOIDA
 G.A. & SCHEMATIC OF
 CONTROL PANEL-1
 DRG NO. P120-E-001
 REV 03
 SHEET 10 OF 14

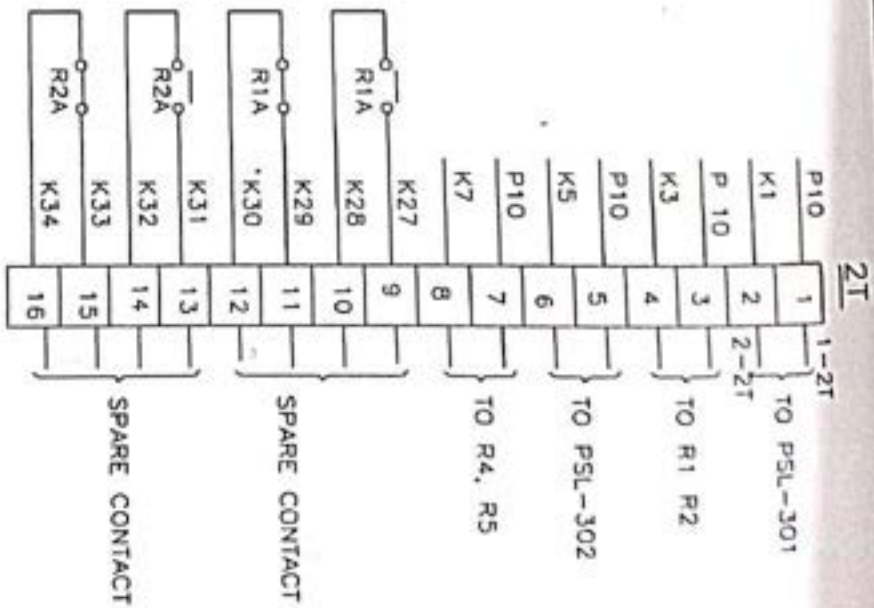
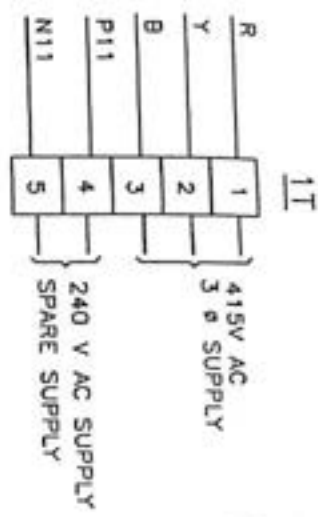
37 38 39 40 41 42 43



CONTROL SCHEMATIC FOR DIESEL ENGINE CONTROL
 HYD. PUMP-503
 (ENGINE DRIVEN)
 (SHEET NO. 1)

AS BUILT

	CLIENT:	M/S UNITECH MACHING LTD							
	CONSULTANT:	M/S DESEIN LTD		DRN.	N.K.S.				
	PROJECT:	GMDC		CHK.	V.K.S.				
				APPD.	N.T.S.				
				JOB NO.	-				
				TOTAL SHEET	OF-14				
				DRG. NO.	P120-C-001	REV.	03	SHEET	9 OF 14
				AAR VEE CONTROLS					
				C-35 SECTOR-7 NOIDA					
				G.A. & SCHEMATIC OF CONTROL PANEL-1					
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED. TOLERANCE LIMITS FOR PARAMETERS UNQUOTE ARE E1X OF HATED UNLESS OTHERWISE STATED.									



AS BUILT

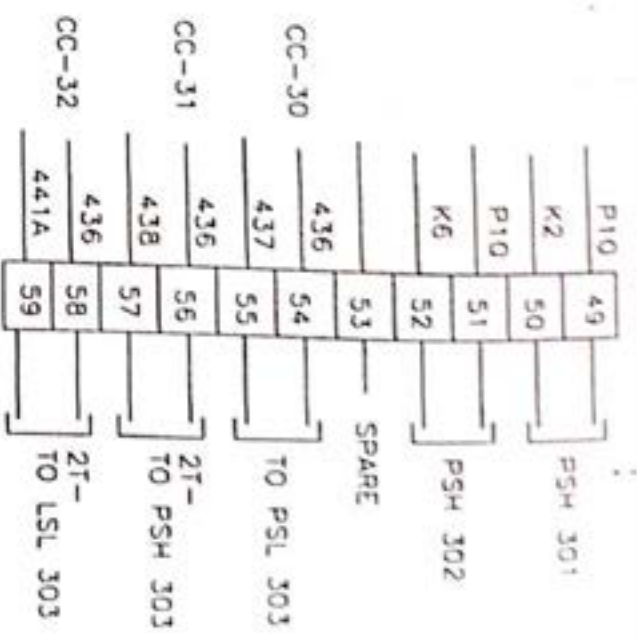
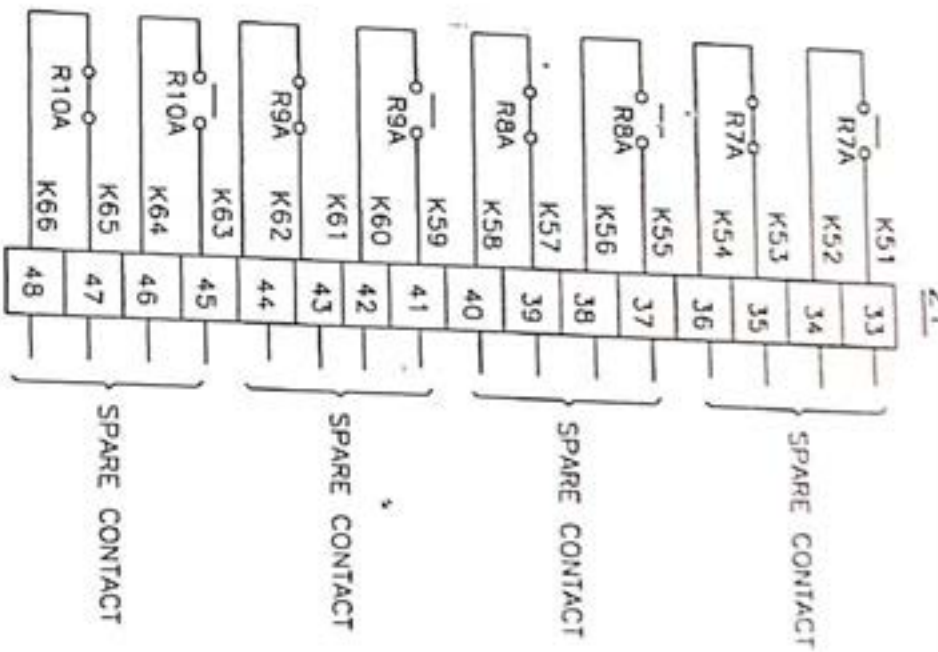
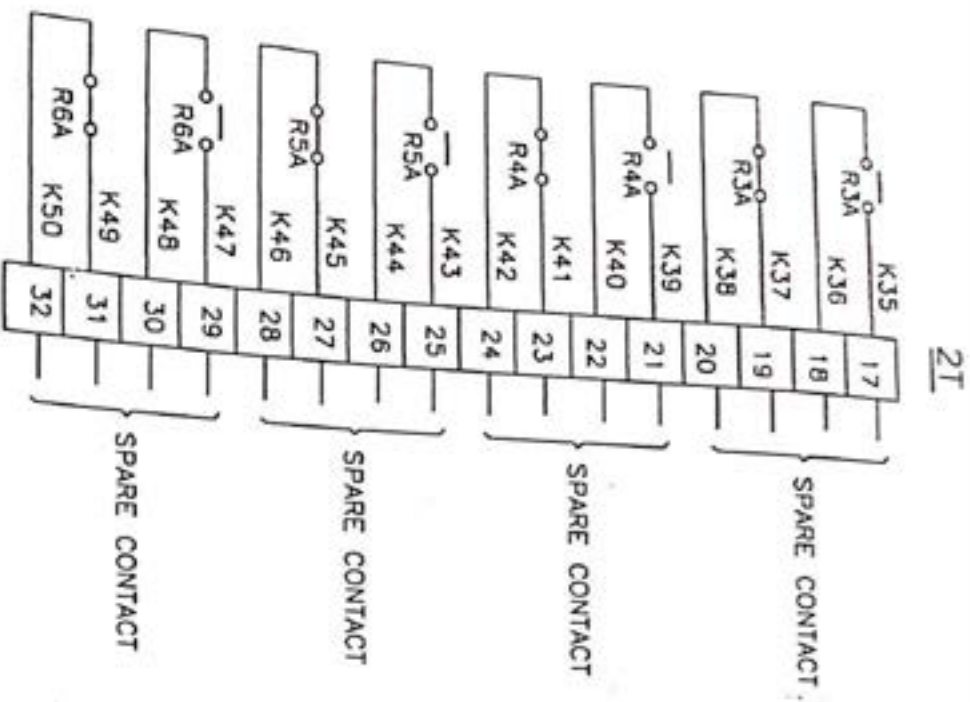
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 TOLERANCE LIMITS FOR PARAMETERS MEASURED ARE + 1% OF RATED
 VALUES, UNLESS OTHERWISE STATED.

CLIENT:- M/S UNITECH MACHINES LTD.
 CONSULTANT:- M/S DESEIN LTD
 PROJECT:- GMDC

DRN. NKS
 CHD. VMS
 SCALE N.T.S.
 JOB NO. ...
 TOTAL SHEET OF ...

AAR VEE CONTROLS
 C-36 SECTOR-7 NOIDA
 TITLE
 G.A. & SCHEMATIC OF
 CONTROL PANEL-1
 DRG. NO. P120-E-001
 REV. 03
 SHEET 11 OF 14

43 44 45 46 47 48



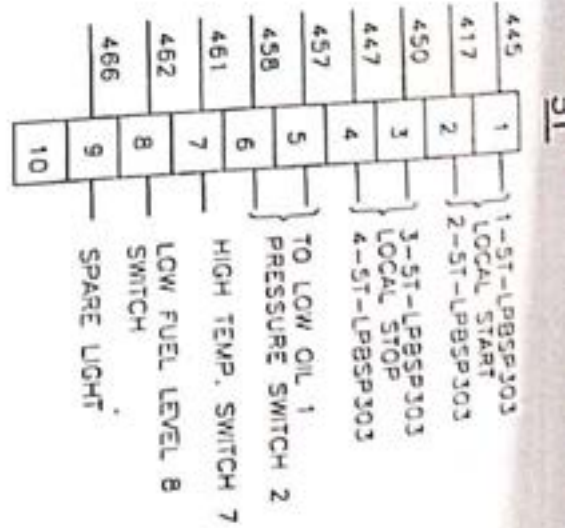
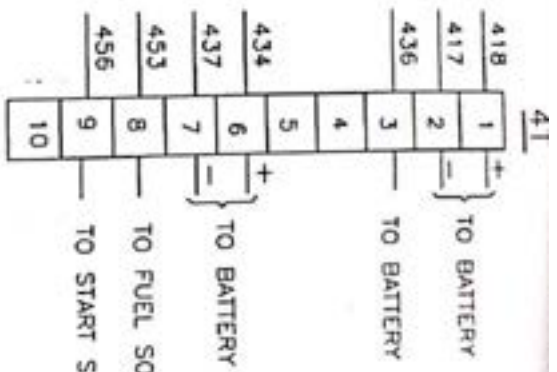
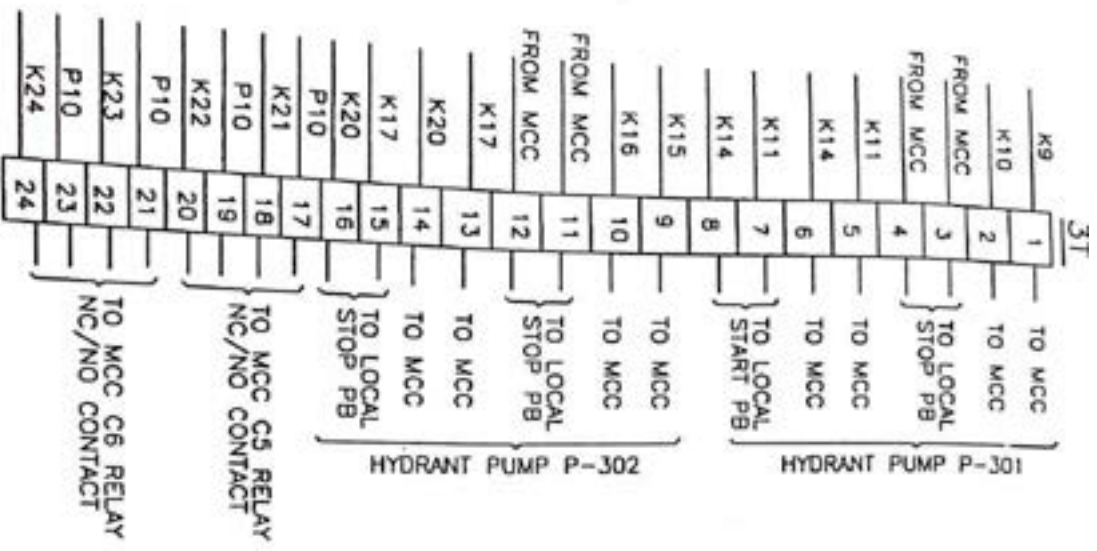
AS BUILT

ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 DIMENSIONS FOR PARAMETERS MEASURED ARE + 1% OF RATED
 UNLESS OTHERWISE STATED.

CLIENT:- M/S UNITECH MACHINES LTD.
 CONSULTANT:- M/S DESEIN LTD
 PROJECT:- GMDC

DRN. NKS
 CHD. VKS
 SCALE N.T.S.
 JOB NO. ...
 TOTAL SHEET OF-14

AAR VEE CONTROLS
 C-36 SECTOR-7 NOIDA
 TITLE
 G.A. & SCHEMATIC OF
 CONTROL PANEL-1
 DRG. NO. P120-E-001
 REV. 03
 SHEET 12 OF 14



AS BUILT

DIN CHANNEL FOR FIRE ALARM COMPONENTS FOR 15 MODULES

ALL DIMENSION ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 CLEARANCE UNITS FOR PARAMETERS MEASURED ARE + 1X OF RATED
 VALUES, UNLESS OTHERWISE STATED.

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CLIENT:- M/S UNITECH MACHINES LTD.
 CONSULTANT:- M/S DESEIN LTD.
 PROJECT:- GMDC

DRN.	NKS	
CHD.	VVS	
SCALE N.T.S.		
JOB NO. ..		
TOTAL SHEET OF-14		

TITLE
AAR VEE CONTROLS
 C-36 SECTOR-7 NOIDA
 G.A. & SCHEMATIC OF
 CONTROL PANEL-1
 DRG. NO. P120-E-001
 REV. 03
 SHEET 13

SR NO	DESCRIPTION	QTY	MAKE
1	CONTROL TRFR. 3 KVA 415V/110V-0-240V AC	1 NO.	ASHOKA
2	WCB 25A DP 16A 50N 16A DP 16A DP 10 A DP	1 NO. 2 NOS. 2 NOS. 1 NO. 2 NOS. 2 NOS.	INDO-KOOP INDO-KOOP INDO-KOOP SABINDER (NG) INDO-KOOP
3	DOOR SWITCH 5A PUSH TO OFF	1 NO.	ANCO
4	THERMOSTAT 30-90°	1 NO.	
5	SPACE HEATER 40W (240V AC)	1 NO.	PHILLIPS
6	TUBE LIGHT 20W (240V AC)	1 NO.	ANCHOR
7	SOCKET 5A 3 PIN	1 NO.	SIEMENS
8	AUX. CONTRACTOR 110V AC (2 NO+2 NC)	6 NOS.	SIEMENS
9	AUX. CONTRACTOR 24V DC (2 NO+2 NC)	5 NOS.	SIEMENS
10	RELAY 24V DC 3 C/O	4 NOS.	PLA
11	RELAY 24V DC 2 C/O	3 NOS.	PLA
12	TIMER 0.6 TO 6 MIN. 110V AC	2 NOS.	SIEMENS
13	TIMER 24V DC 0.6 TO 6 MIN.	1 NO.	SIEMENS
14	INDICATING LIGHT 240V AC RED	1 NO.	VAISHNO
15	INDICATING LIGHT 110V AC GREEN	2 NOS.	VAISHNO
16	INDICATING LIGHT 24V DC (RED)	7 NOS.	VAISHNO
17	INDICATING LIGHT 24V DC (YELLOW)	2 NOS.	VAISHNO
18	CONTROL FUSE BASE NSH 20A	11 NOS.	C&S
19	FUSE LINK NS 20A	1 NO.	C&S
20	FUSE LINK NS 16A	4 NOS.	C&S
21	FUSE LINK NS 10A	4 NOS.	C&S
22	FUSE LINK NS 2A	2 NOS.	C&S
23	NEUTRAL LINK 20A	2 NOS.	FTC
24	PUSH BUTTON (RED)	3 NOS.	VAISHNO
25	PUSH BUTTON (GREEN)	3 NOS.	VAISHNO
26	PUSH BUTTON (YELLOW) WITH NC	2 NOS.	VAISHNO

SR NO	DESCRIPTION	QTY	MAKE
27	SELECTOR SWITCH 6A (1 POLE 2 WAY)	3 NOS.	VAISHNO
28	SELECTOR SWITCH 6A (2 POLE 2 WAY)	1 NO.	VAISHNO
29	SELECTOR SWITCH 25A (2 POLE ON OFF)	2 NOS.	VAISHNO
30	SELECTOR SWITCH 25A (1 POLE 2 WAY)	2 NOS.	VAISHNO
31	BATTERY CHARGER (240V/24V DC)	2 NOS.	VAISHNO
32	DC AMMETER 0-50A	2 NOS.	AE
33	DC VOLTMETER 0-40V	4 NOS.	AE
34	DROPE	1 NO.	VAISHNO
35	HOOPER 24V DC 56/36	1 NO.	VAISHNO
36	ENGINE START RELAY 24V DC	1 NO.	PIG
37	TERMINALS CST 2.5	135 NOS.	ELEVEY
38	TERMINALS CST 10	5 NOS.	ELEVEY
39	TERMINAL	10 NOS.	WAGO
40	FILTER LOUVER	2 NOS.	
41	FAN 240V AC 50 HZ	1 NO.	BEYNOLD
42	INDICATING LIGHT 110V AC (RED)	3 NOS.	VAISHNO

CLIENT:- M/S UNITECH MACHINES LTD.
 CONSULTANT:- M/S DESEIN LTD.
 PROJECT:- GMDC

DIMENSION ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 DIMENSION UNITS FOR PARAMETERS MEASURED ARE + LX OF RATED
 UNLESS OTHERWISE STATED.

DRILL: HRS
 CHD. VRS
 SCALE: N.T.S.
 JOB NO. ..
 TOTAL SHEET OF 14

TITLE: AAR VBE COR
 C-35 SECTOR-7
 G.A. & SCHEM CONTROL PANE
 DRG. NO. P120-E-001

61 62 63 64

AS BUILT	CLIENT:	M/S UNITECH MACHINS LTD
AS BUILT	CONSULTANT:	M/S DESEIN LTD
FOR INFORMATION / APPROVAL		

DRS

N.K.S.		AAR VEE CONTRO C-35 SECTOR-7 NOIDA TITLE G.A. & SCHEMATIC OF CONTROL PANEL -02	DRG. NO.	P120-E-002	REV.	03
V.K.S.						
N.T.S.						

G I

GENERAL NOTES

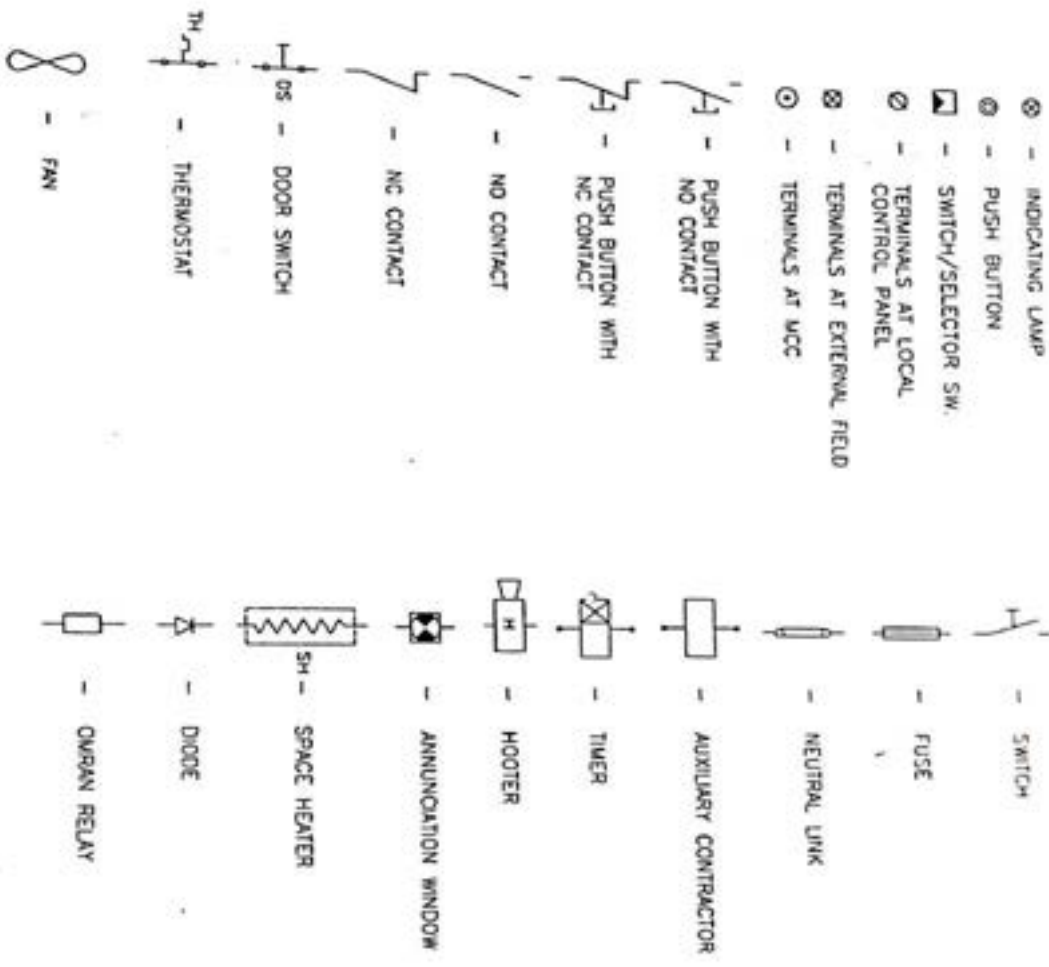
1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE
 - I) 110 V AC, 50 HZ, 240V AC 50 HZ
 - II) 24V DC FOR D.E CONTROL FEEDER ONLY
2. CONTROL SUPPLY
3. CONTROL PANEL-2 SHALL BE FABRICATED OUT OF SHEET STEEL HAVING THICKNESS AS FOLLOWS
 - A) ENCLOSURE 2.0 MM CRCA
 - B) MAIN FRAME 2.0 MM CRCA
 - C) DOORS 2.0 MM CRCA
 - C) FRONT/SIDE 2.0 MM CRCA
 - D) GLAND PLATE 3.0 MM HRC
 - E) MOUNTING PLATE 3.0 MM HRC
4. CONTROL PANEL-02 SHALL BE PAINTED USING POWDER COATED PROCESS HAVING PAINT SHADE NO. 631 LIGHT GRAY AS PER IS-5.
5. CONTROL PANEL-02 SHALL BE FLOOR MOUNTING TYPE AS INDICATED ON THE DRAWINGS.
6. SYNTHETIC RUBBER (EPDM) GASKET SHALL BE PROVIDED TO MAKE PANEL DUST & VERMIN PROOF CONFIRMING TO DEGREE OF PROTECTION IP 54 AS REV IS 1394.
7. EARTH BUS BAR 25X8 mm SQ. AL. SHALL BE PROVIDED THROUGH OUT OF THE LENGTH OF CONTROL PANEL-02 HORIZONTAL EARTH BUS SHALL PROJECT OUT OF THE PANEL.
8. NAME PLATE SHALL BE 3 PLY. LAMICOID/ANODISED AL. HAVING WHITE LETTERS ENGRAVED ON BLACK BACK GROUND. LETTER SIZE SHALL BE 3 MM MINIMUM.
9. CONTROL WIRING SHALL BE DONE WITH 1.5 MM SQ. 1100 VOLTAGE INSULATION GRADE PVC STARANDED CU. WIRE OF BLACK COLORS.
10. CONTROL TERMINALS SHALL BE PROVIDED IN CAGE CLAMP TYPE.
11. WIRES USED FOR INTERNAL WIRING SHALL BE PROVIDED WITH INSULATING SLEEVE/TAPE AT BOTH END.
12. CABLE ENTRY SHALL BE FROM TOP ONLY.
13. COPPER. CABLE LUGS PROVIDED FOR ALL INTERNAL WIRING.
14. ALL HINGED DOOR AND REMOVABLE PARTS WILL BE CONNECTED TO EARTH BUS USING 2.5 mm SQ. FLEXIBLE COPPER GREEN WIRE.
15. SPACE HEETER & FAN SHALL BE PROVIDED AS INDICATING IN DRAWING.
16. CONTROL TERMINALS 20 % SHALL BE PROVIDED EXTRA.
17. ANTI VIBRATION PAD (15 MM) WILL BE PROVIDED OF THE FLOOR MOUNTED PANEL ONLY.

AS BUILT

CLIENT:-		M/S UNITECH MACHINES LTD.	
CONSULTANT:-		M/S DESEIN LTD	
DRN	PKS		
OND.	VKS		
PROJECT:-		GMDC	
SCALE	N.T.S.	TITLE	G.A. & SCHEMATIC OF CONTROL PANEL -02
JOB NO.	..	DRG. NO.	

ALL DIMENSION ARE IN MILLIMETERS UNLESS OTHERWISE STATED
TOLERANCE UNITS FOR PARAMETERS MEASURED ARE + 1% OF RATED
VALUES, UNLESS OTHERWISE STATED.

LEGEND



AS BUILT

1. DRAWINGS ARE IN METRIC UNITS UNLESS OTHERWISE STATED
 2. TOLERANCE LIMITS FOR DIMENSIONS MEASURED ARE ±1% OF RATED UNLESS OTHERWISE STATED

CLIENT: M/S UNITECH MACHINS LTD

CONSULTANT: M/S DESEIN LTD

PROJECT: GMDC

AR VEE CONTROLS

C-35 SECTOR-7 NOIDA

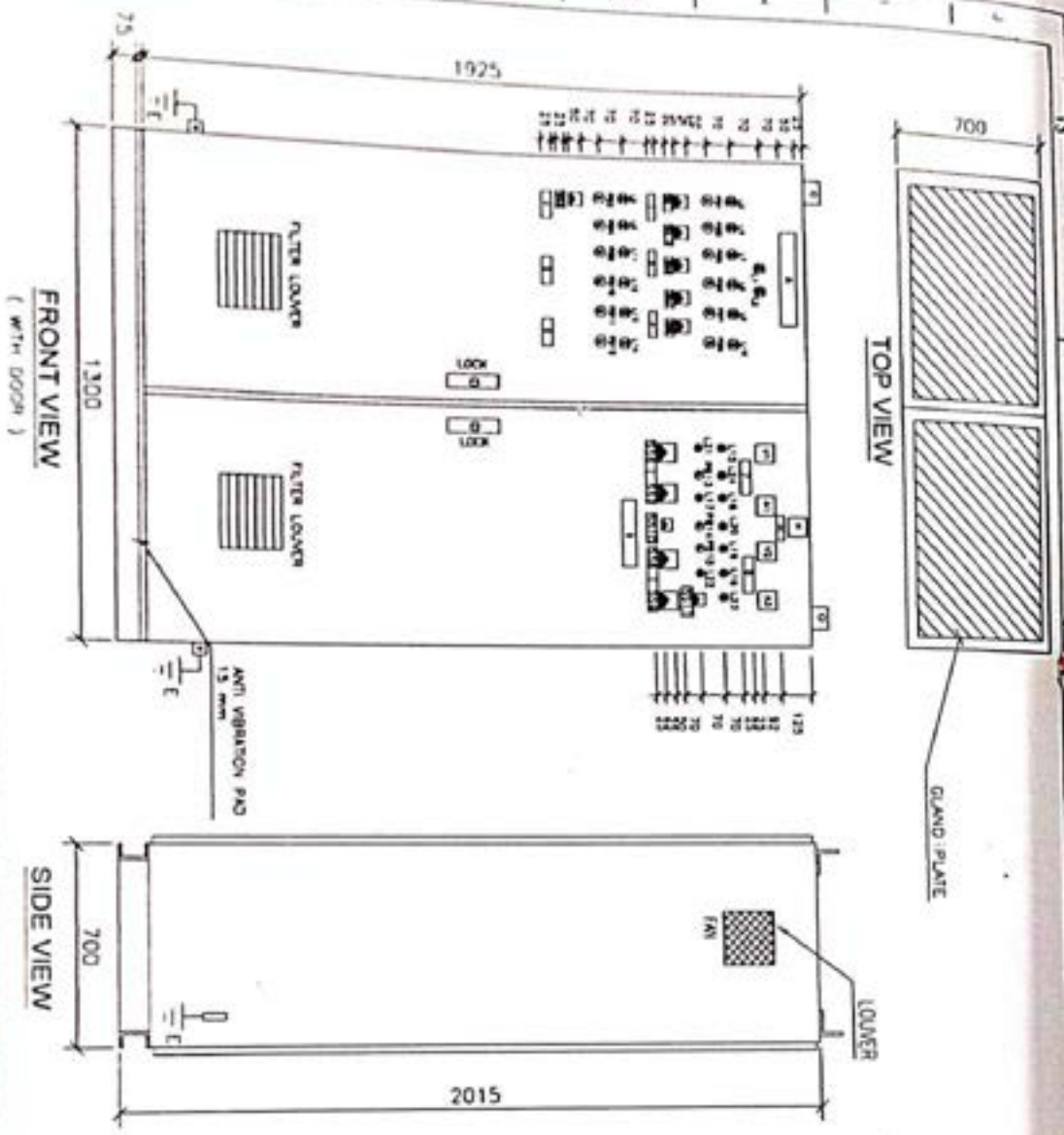
TITLE: G.A. & SCHEMATIC OF CONTROL PANEL -02

DRG NO: P120-E-002

DRN	N.K.S.
CHD	V.K.S.
APPD.	
SCALE	N.T.S.
JOB NO.	--
TOTAL SHEET	OF-18

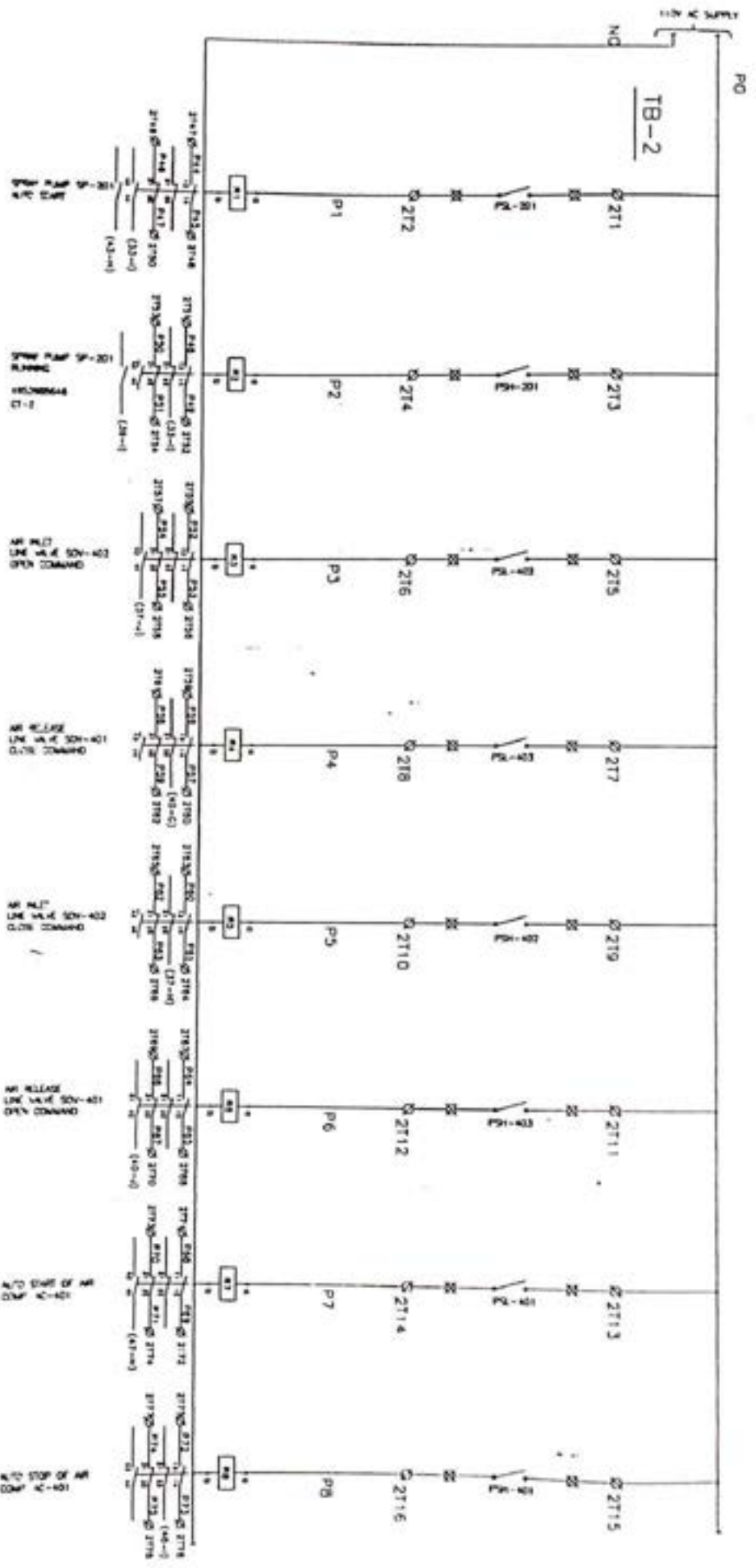
REV 03

SHEET 30 OF 18



DETAIL OF LEGANDS-

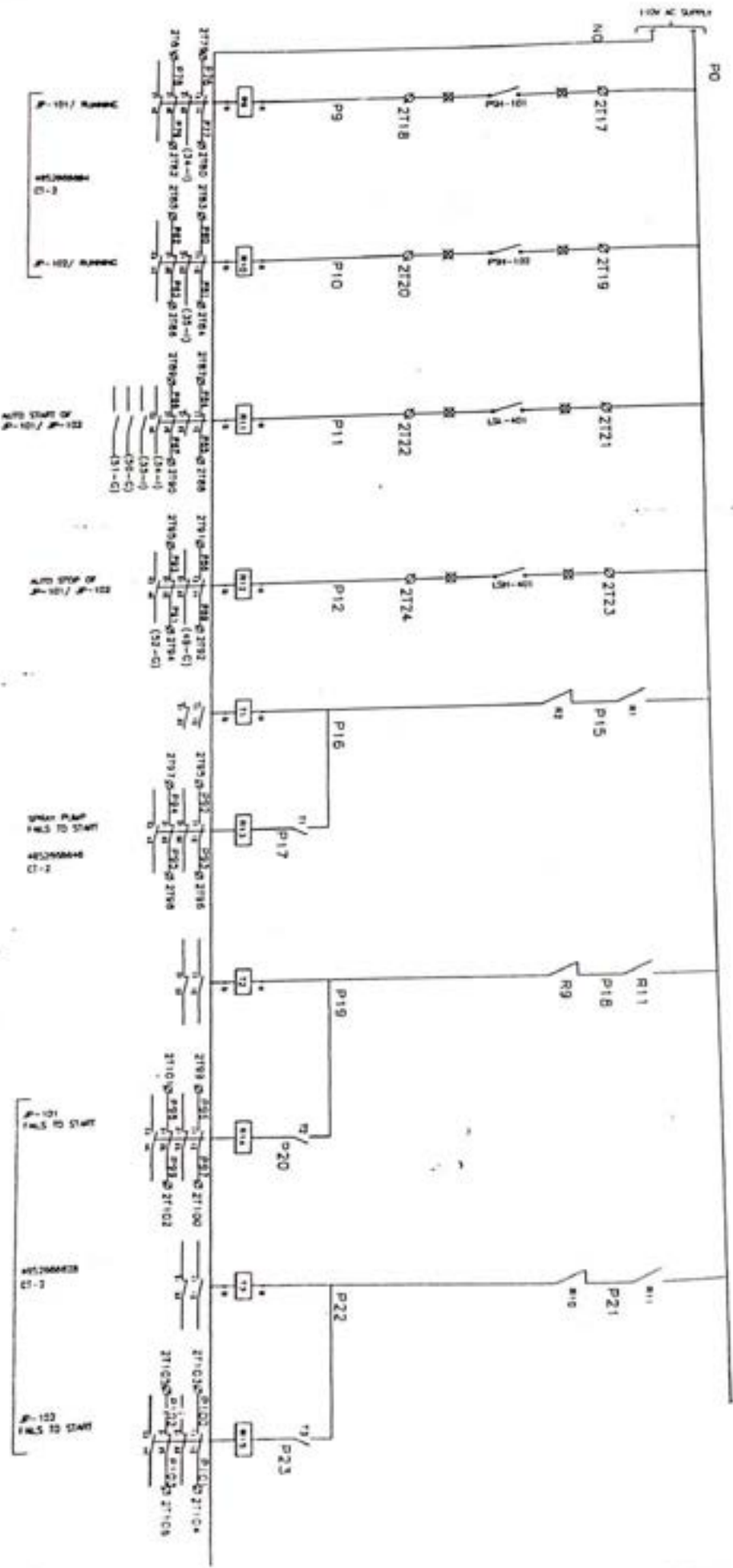
1	CONTROL PANEL-2	RED
2	CONTROL SUPPLY 24V AC ON	RED
3	CONTROL SUPPLY 110V AC ON	RED
4	ON	RED
5	OFF	GREEN
6	ON	RED
7	OFF	GREEN
8	ON	RED
9	OFF	GREEN
10	ON	RED
11	OFF	GREEN
12	ON	RED
13	OFF	GREEN
14	CHARGER-1 ON	RED
15	CHARGER-2 ON	RED
16	ENGINE RUNNING	YELLOW
17	LOW LUBC OIL PRESSURE	RED
18	SPARE	RED
19	LOW FUEL LEVEL	GREEN
20	START FAILURE	RED
21	SPARE	GREEN
22	HOOPER OFF	RED
23	H/O. PRESSURE NORMAL	RED
24	START	GREEN
25	STOP	RED
26	START	GREEN
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401	STOP	RED
402	START	GREEN
403	STOP	RED
404	START	GREEN
405	STOP	RED
406	START	GREEN



CLIENT		M/S UNITECH MACHINS LTD	
CONSULTANT		M/S DESEBILT LTD	
PROJECT		GMDC	
DATE	11.5	TITLE	GA & SCHEMATIC OF
CHKD	VKS	DRG NO	P120-E-002
APPROV	14.12	REV	03
SHEET NO	25	SHEET	6 OF 19
TOTAL SHEET	OF-18		

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 DIMENSIONS FOR PANELS FOR PANELS MEASURED ARE 21X OF RATED
 UNLESS OTHERWISE STATED

AS BUILT



AS BUILT

CLIENT:		M/S UNITECH MACHINS LTD	
CONSULTANT:		M/S DESEIN LTD	
PROJECT:		GMDC	
DRN	NKS	TITLE	G.A. & SCHEMATIC OF CONTROL PANEL - 02
CRD	VKS		
ANPD	NTS	DRG NO	P120-E-002
ADD NO	--	REV	03
SOIN	SHEET	OF	10
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED		SHEET	
REFER TO DRAWINGS FOR DIMENSIONS UNLESS OTHERWISE STATED		1 OF 10	
MATERIALS SHALL BE AS SPECIFIED UNLESS OTHERWISE STATED			

AR VEE CONTROLS

C-35 SECTOR-7 NOIDA

NOIDA

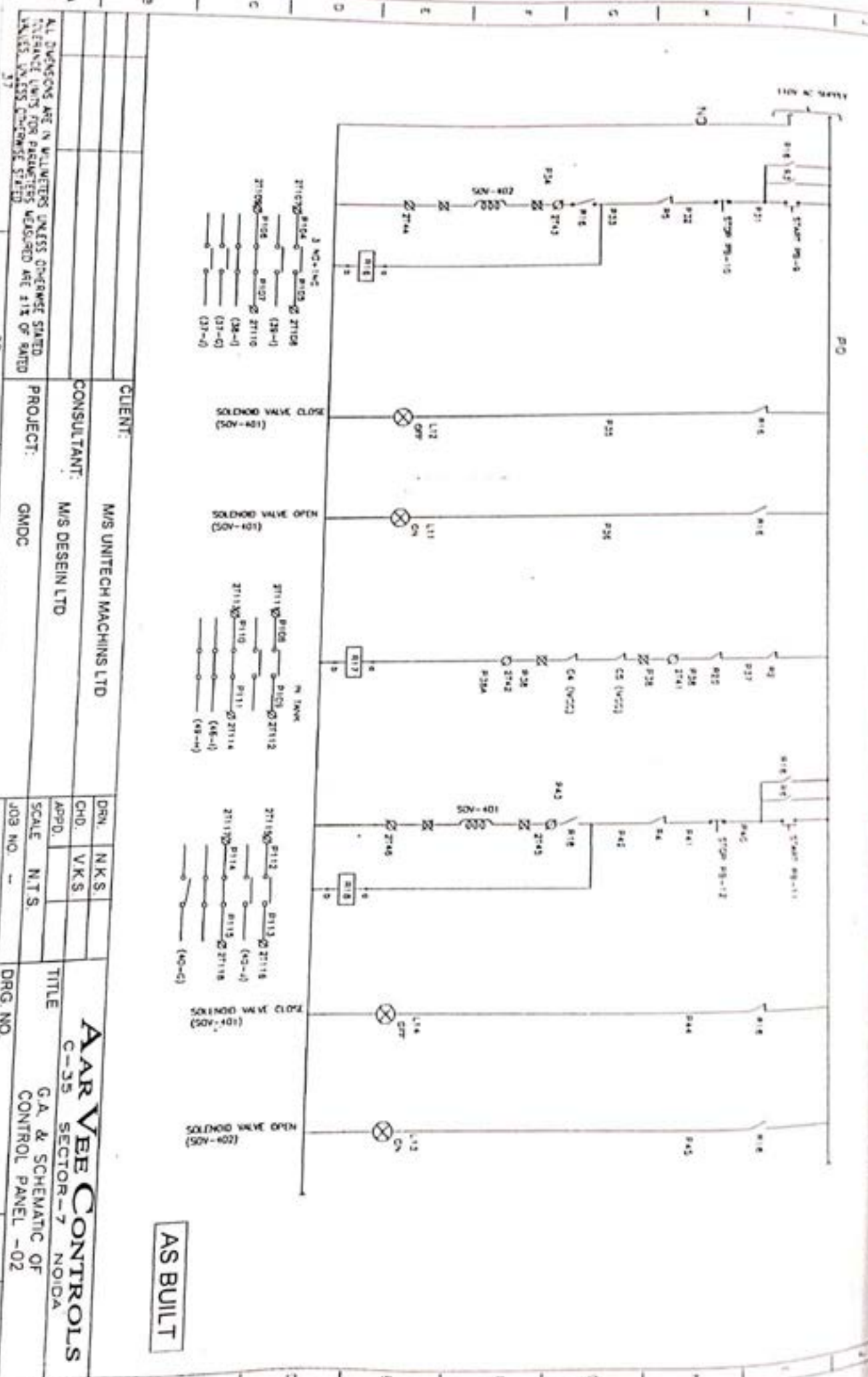
NOIDA

NOIDA

NOIDA

NOIDA

NOIDA



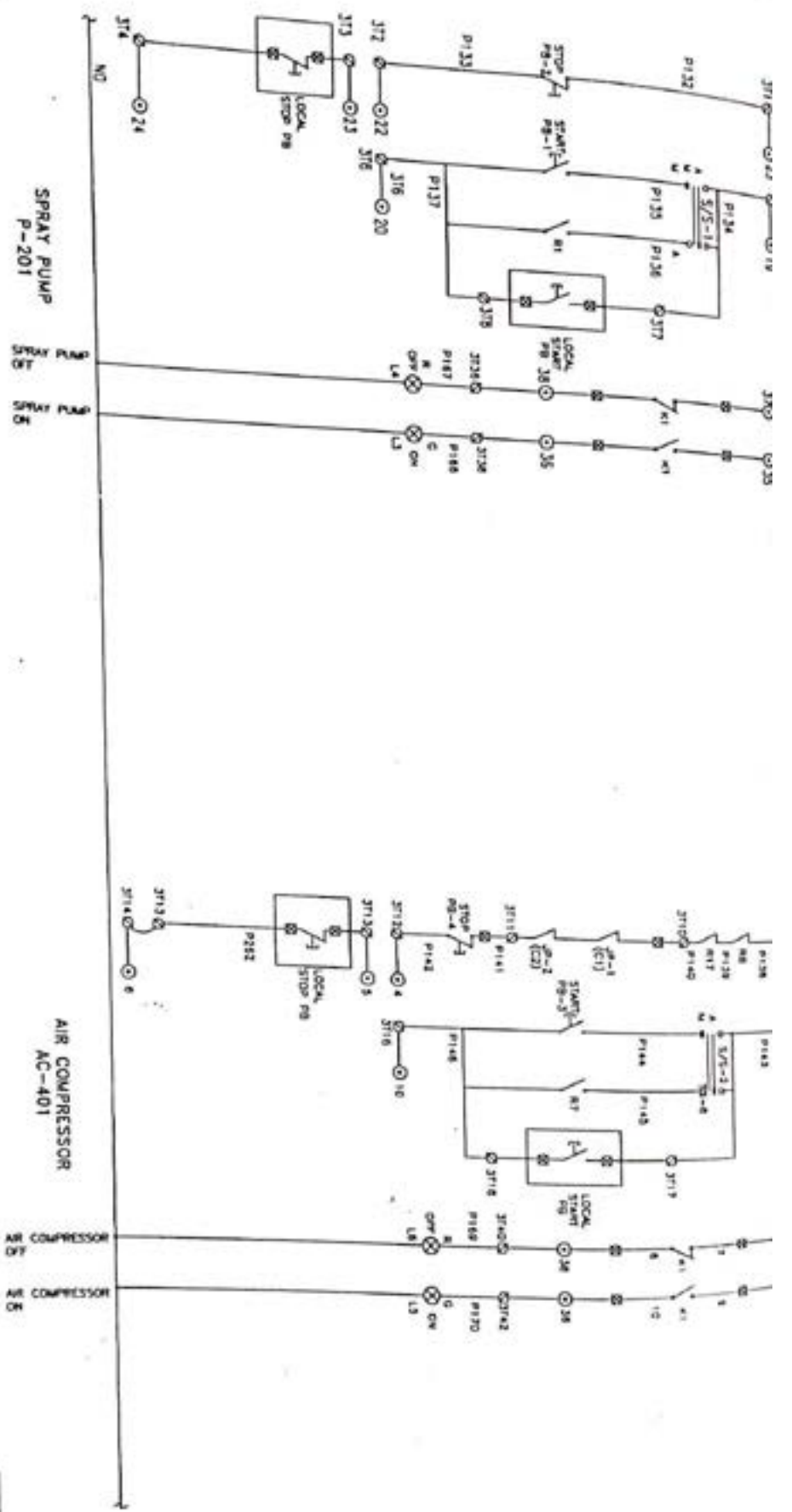
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 TOLERANCE LIMITS FOR PARAMETERS MENTIONED ARE 1/16 OF RATED.
 UNLESS OTHERWISE SPECIFIED.

CLIENT: **M/S UNITECH MACHINS LTD**
 CONSULTANT: **M/S DESEIN LTD**
 PROJECT: **GMDC**

DRN. N.K.S.
 CHD. V.K.S.
 APPD. N.T.S.
 JOB NO. --
 TOTAL SHEET OF-18

AR VEE CONTROLS
 C-35 SECTOR-7 NOIDA
G.A. & SCHEMATIC OF CONTROL PANEL -02
 DRG. NO. **P120-E-002**
 REV. 03 SHEET 8 OF 18

AS BUILT

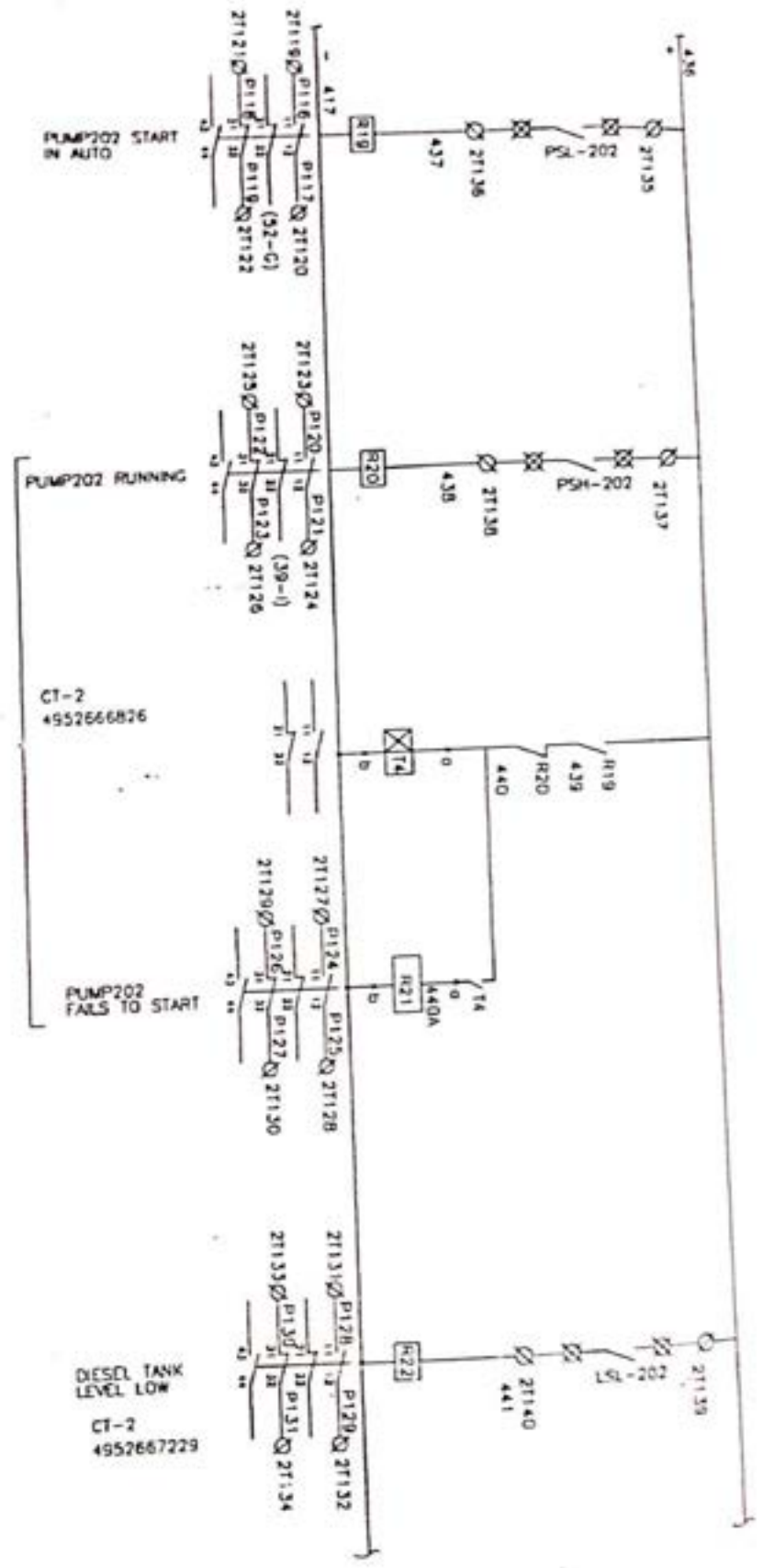


LEGEND:-
 □ LOCAL CONTROL PANEL
 ⊕ (T) TERMINAL FIELD
 ⊙ MCC (BY CLIENT)

CLIENT: M/S UNITECH MACHINS LTD		DRN N.K.S.		TITLE: G.A. & SCHEMATIC OF CONTROL PANEL -02	
CONSULTANT: M/S DESEIN LTD		CHD V.K.S.		C-35 SECTOR-7 NOIDA	
PROJECT: GMDC		SCALE N.T.S.		DRG NO. P120-E-002	
JOB NO. --		TOTAL SHEET 07-18		REV. 03	
43		44		45	
46		47		48	

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 TOLERANCE LIMITS FOR PARAMETERS MEASURED ARE ±1% OF RATED VALUES UNLESS OTHERWISE STATED

AS BUILT



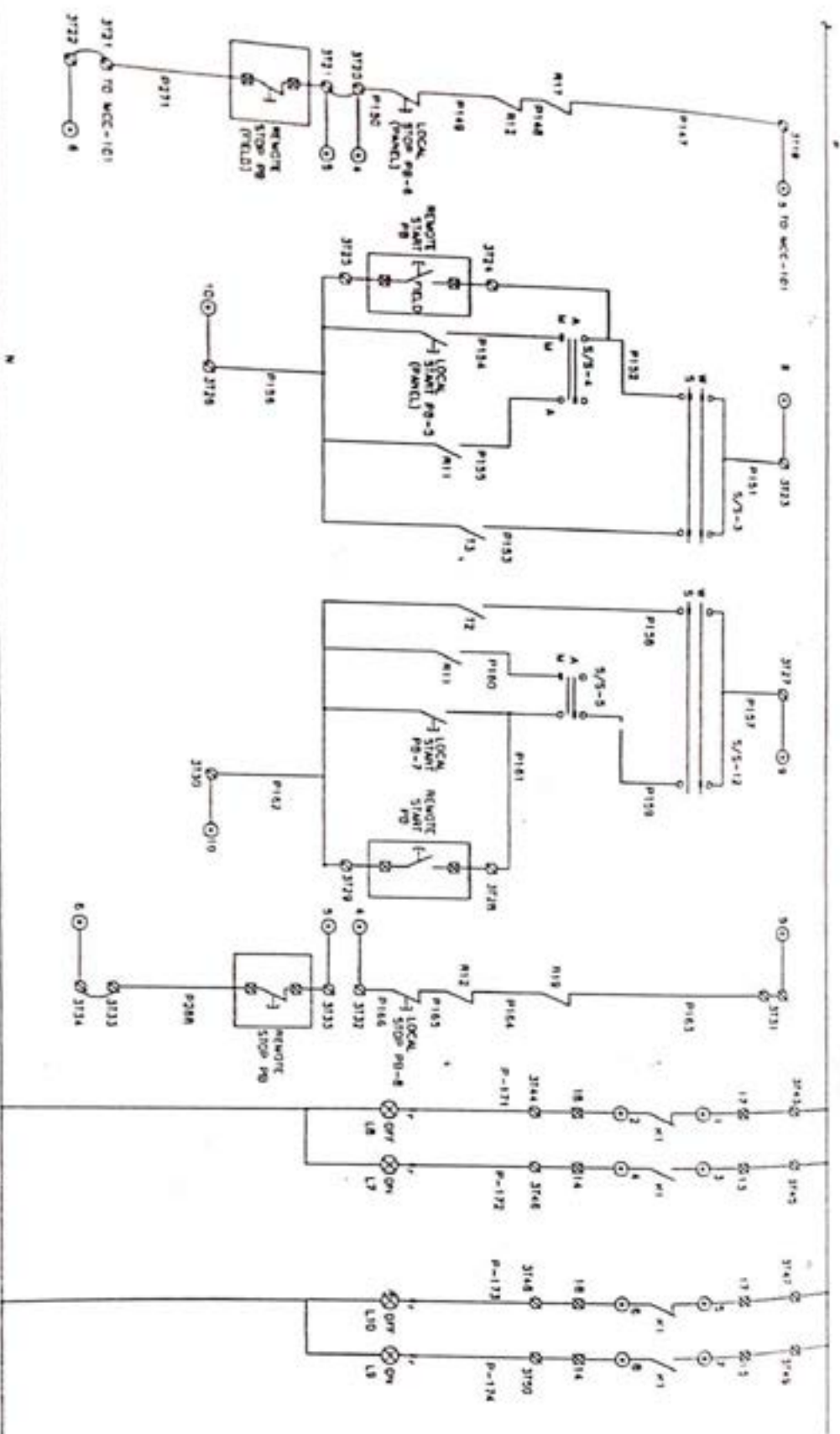
TO START SOLENOID ON ENGINE
 FROM BATTERY NEGATIVE ENGINE EARTH

CONTROL SCHEMATIC FOR DIESEL ENGINE CONTROL
SPRAY PUMP-202
(ENGINE DRIVEN)
 (STRAND B7)

AS BUILT

AR VEE CONTROLS C-35 SECTOR-7 NOIDA	
CLIENT: M/S UNITECH MACHINS LTD CONSULTANT: M/S DESEIN LTD	DRN. N.K.S. CHD. V.K.S. APPD.
PROJECT: GMDC	TITLE: G.A. & SCHEMATIC OF CONTROL PANEL -02
JOB NO. -- TOTAL SHEET OF-18	DRG. NO. P120-E-002
SCALE N.T.S.	REV. 03
61	62
63	64
65	66

DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 TOLERANCES FOR DIMENSIONS UNLESS OTHERWISE STATED ARE ±1% OF RATED
 UNLESS OTHERWISE STATED



JP-101/JP-102

AS BUILT

GEND.-
LOCAL CONTROL PANEL
EXTERNAL FIELD
MCC (BY CLIENT)

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
DIMENSIONS FOR PARAMETERS MEASURED ARE ±1% OF RATED

CLIENT: M/S UNITECH MACHINS LTD
CONSULTANT: M/S DESEIN LTD
PROJECT: GMDC

DRN	NKS
CHKD	VKS
APRD	
SCALE	N.T.S
JOB NO.	--
TOTAL SHEET	OF - 18

TITLE: AAR VEE CONTROLS
C-35 SECTOR-7 NOIDA
DRG. NO. P120-E-002
REV. 03
SHEET 10 OF 18

REVISION

DATE

BY

NO.

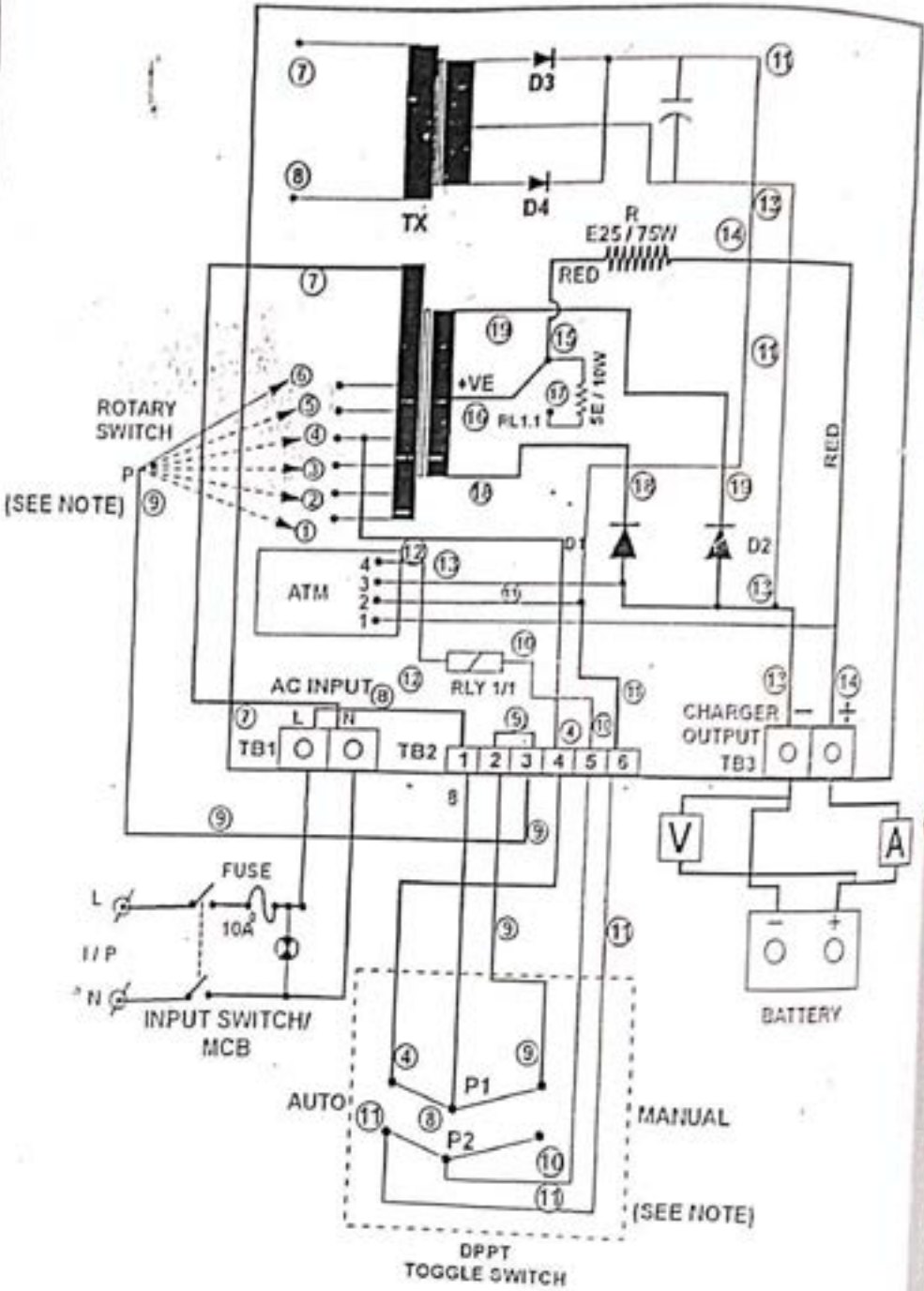
DESCRIPTION

REVISION

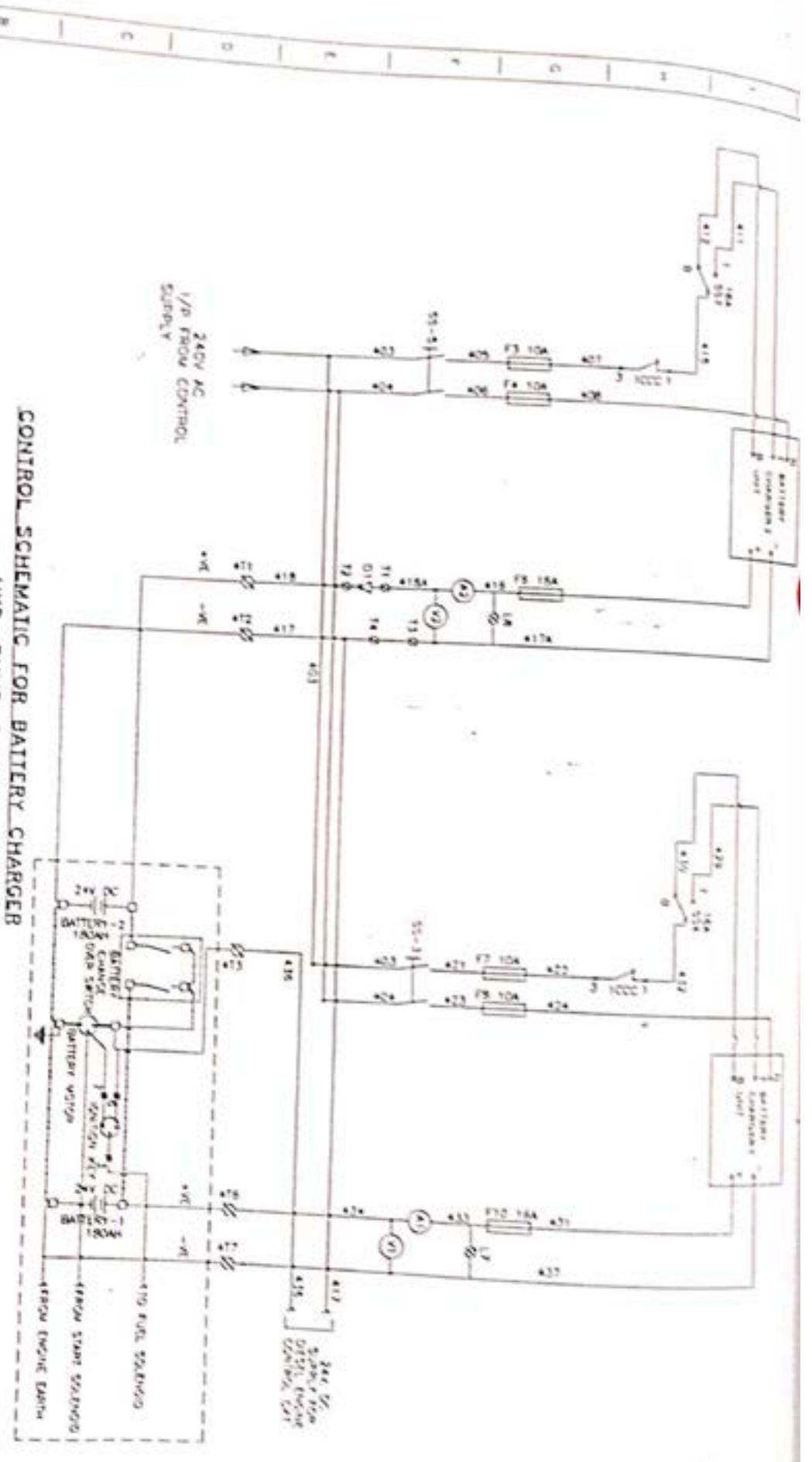
VOLSTAT ELECTRONICS
NEW DELHI

PROJECT NO.	DATE
210V 10A 60Hz	27/07/2018
230V 10A 60Hz	

CIRCUIT DIAGRAM
AUTOMANUAL BATTERY CHARGER
WITH C.T.



NOTE :- TOGGLE SWITCH AND ROTARY SWITCH ARE SUPPLIED LOOSE. THESE TO BE CONNECTED ON FRONT PANEL BY THE CUSTOMER.

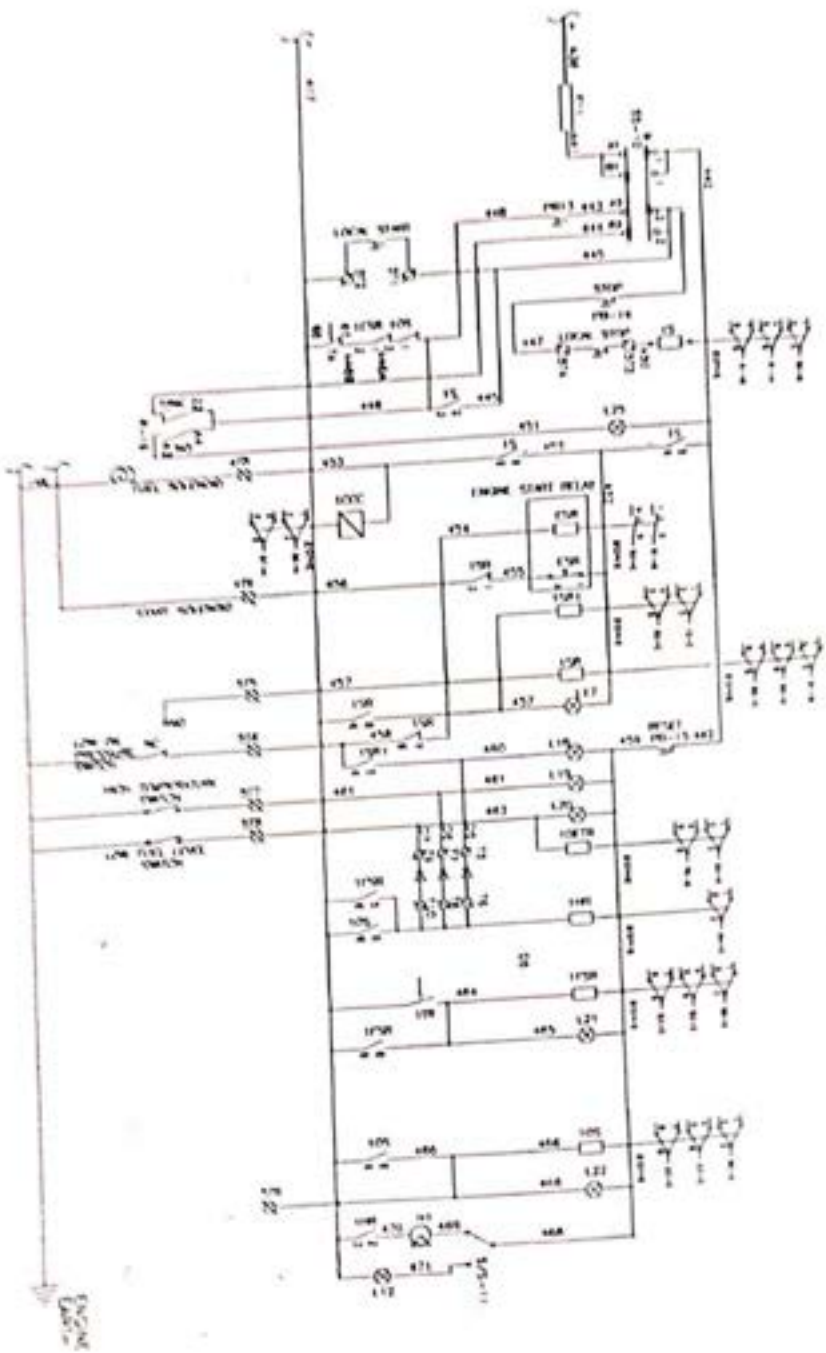


CONTROL SCHEMATIC FOR BATTERY CHARGER
HYD. PUMP-202
(ENGINE DRIVEN)

AS BUILT

CLIENT:		M/S UNITECH MACHINS LTD	
CONSULTANT:		M/S DESENLTD	
PROJECT:		GMDC	
DRAWN:		NKS	
CHKD:		VKS	
APPD:			
SCALE:		NTS	
JOB NO:		-	
TOTAL SHEET:		OF-18	
TITLE:		AAR VEE CONTROLS	
DRG NO:		P120-E-002	
REV:		01	
SHEET:		11 OF 14	

M. DANKSON & S. WILKINSON JUNIOR ENGINEERS
 CONSULTANTS FOR ELECTRICAL ENGINEERING
 WORKS, 10/11, 12/13, 14/15, 16/17, 18/19, 20/21, 22/23, 24/25, 26/27, 28/29, 30/31, 32/33, 34/35, 36/37, 38/39, 40/41, 42/43, 44/45, 46/47, 48/49, 50/51, 52/53, 54/55, 56/57, 58/59, 60/61, 62/63, 64/65, 66/67, 68/69, 70/71, 72/73, 74/75, 76/77, 78/79, 80/81, 82/83, 84/85, 86/87, 88/89, 90/91, 92/93, 94/95, 96/97, 98/99, 100/101, 102/103, 104/105, 106/107, 108/109, 110/111, 112/113, 114/115, 116/117, 118/119, 120/121, 122/123, 124/125, 126/127, 128/129, 130/131, 132/133, 134/135, 136/137, 138/139, 140/141, 142/143, 144/145, 146/147, 148/149, 150/151, 152/153, 154/155, 156/157, 158/159, 160/161, 162/163, 164/165, 166/167, 168/169, 170/171, 172/173, 174/175, 176/177, 178/179, 180/181, 182/183, 184/185, 186/187, 188/189, 190/191, 192/193, 194/195, 196/197, 198/199, 200/201, 202/203, 204/205, 206/207, 208/209, 210/211, 212/213, 214/215, 216/217, 218/219, 220/221, 222/223, 224/225, 226/227, 228/229, 230/231, 232/233, 234/235, 236/237, 238/239, 240/241, 242/243, 244/245, 246/247, 248/249, 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CONTROL SCHEMATIC FOR DIESEL ENGINE CONTROL
 SPRAY PUMP-202
 (ENGINE DRIVEN)
 (Drawing No. 1)

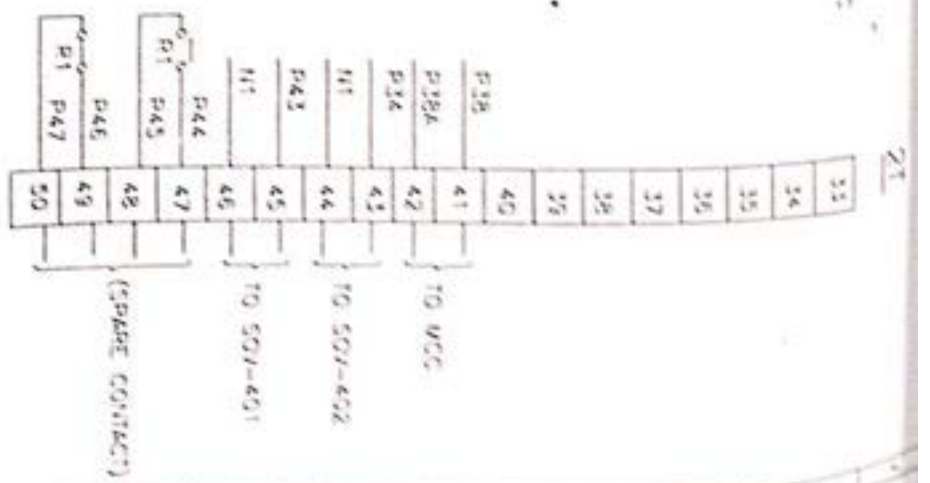
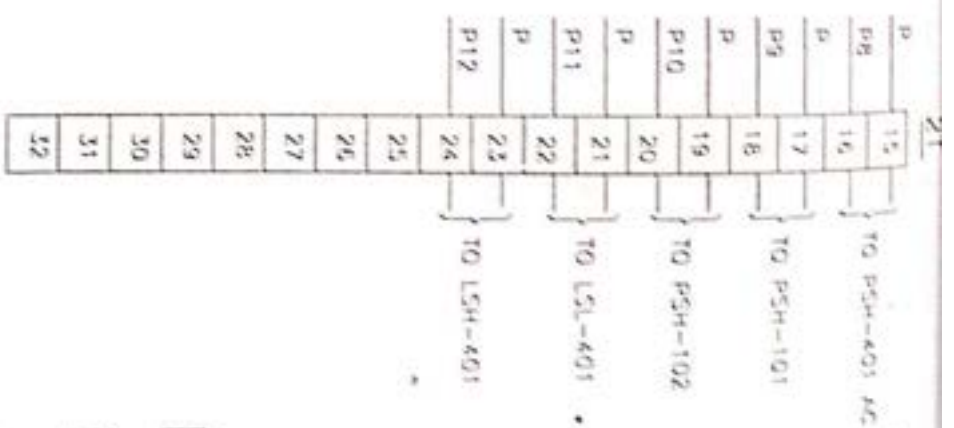
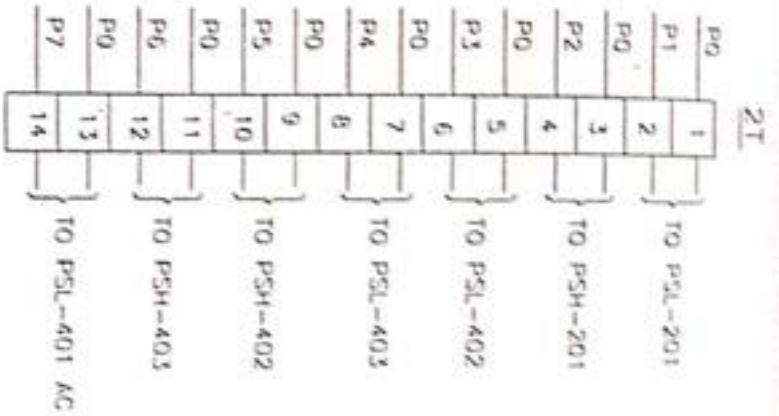
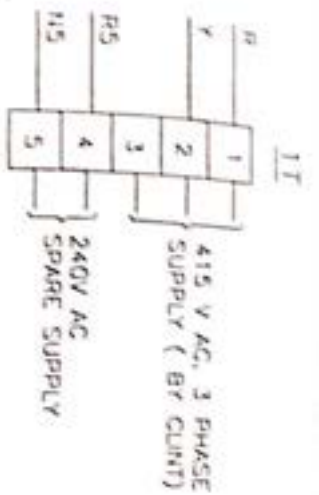
AS BUILT

APPROVED FOR CONSTRUCTION BY: [Signature]
 DATE: [Date]
 PROJECT: [Project Name]

CLIENT: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
 CONSULTANT: W.S. DESERLINDO

PROJECT: GAIT
 DRAWING NO.: [Drawing No.]

TITLE: AIR VEE CONTROLS
 SECTION: 7
 NO. OF SHEETS: 12
 SHEET NO.: 12



ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 TOLERANCE LIMITS FOR PARAMETERS MENTIONED ARE ± 1% OF RATED
 VALUE, UNLESS OTHERWISE STATED

CLIENT:- M/S UNITECH MACHINES LTD.
 CONSULTANT:- M/S DESEIN LTD
 PROJECT:- GMDC

DRN: W5
 CHG: W5
 SCALE: N.T.S.
 JOB NO.: ..
 TOTAL SHEET OF-18

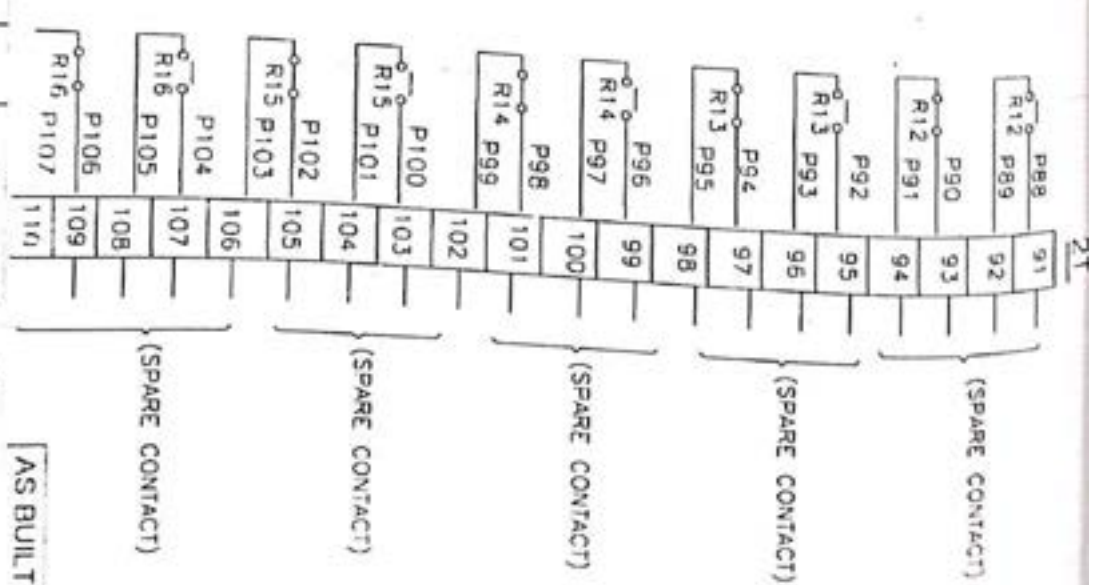
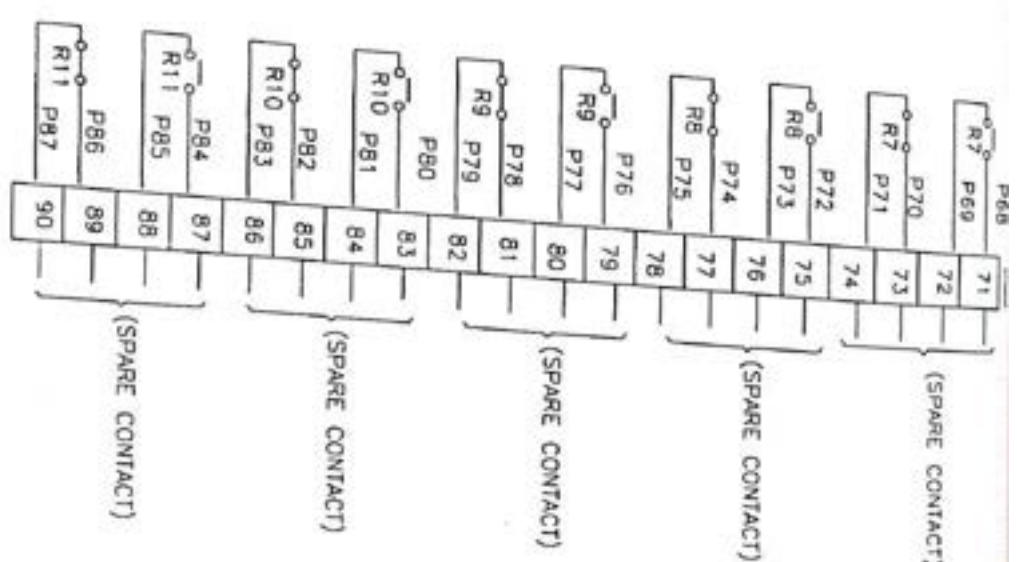
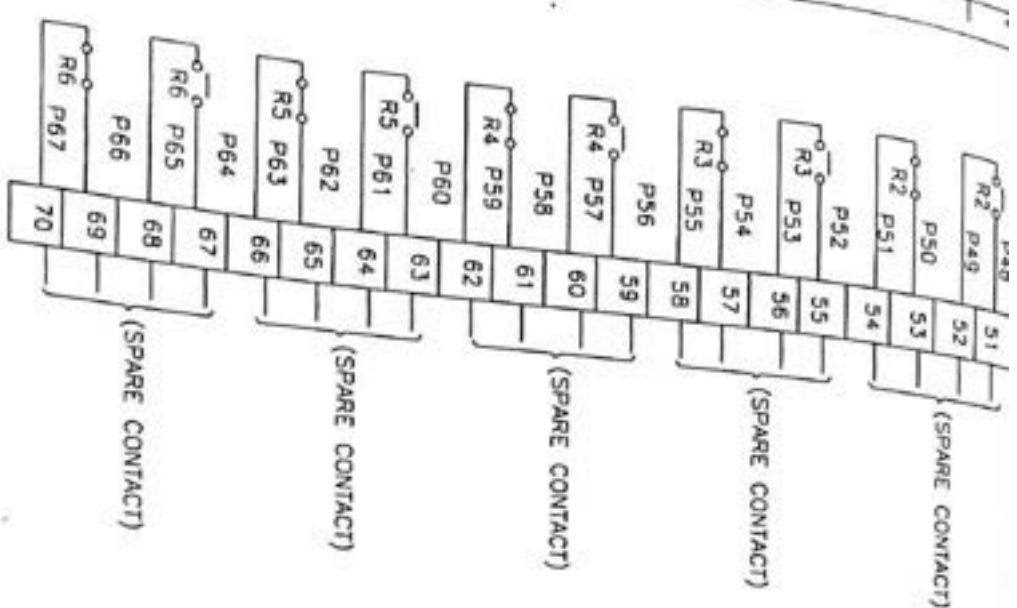
AIR VIB CONTROL
 C-16 SECTOR-7 NOIDA

TITLE: G.A. & SCHEMATIC OF CONTROL PANEL -02

DRG. NO. P120-E-002

REV: 01 SHEET: 14 OF 18

AS BUILT



ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 TOLERANCE UNITS FOR PARAMETERS MEASURED ARE ± 1% OF RATED
 VALUES, UNLESS OTHERWISE STATED.

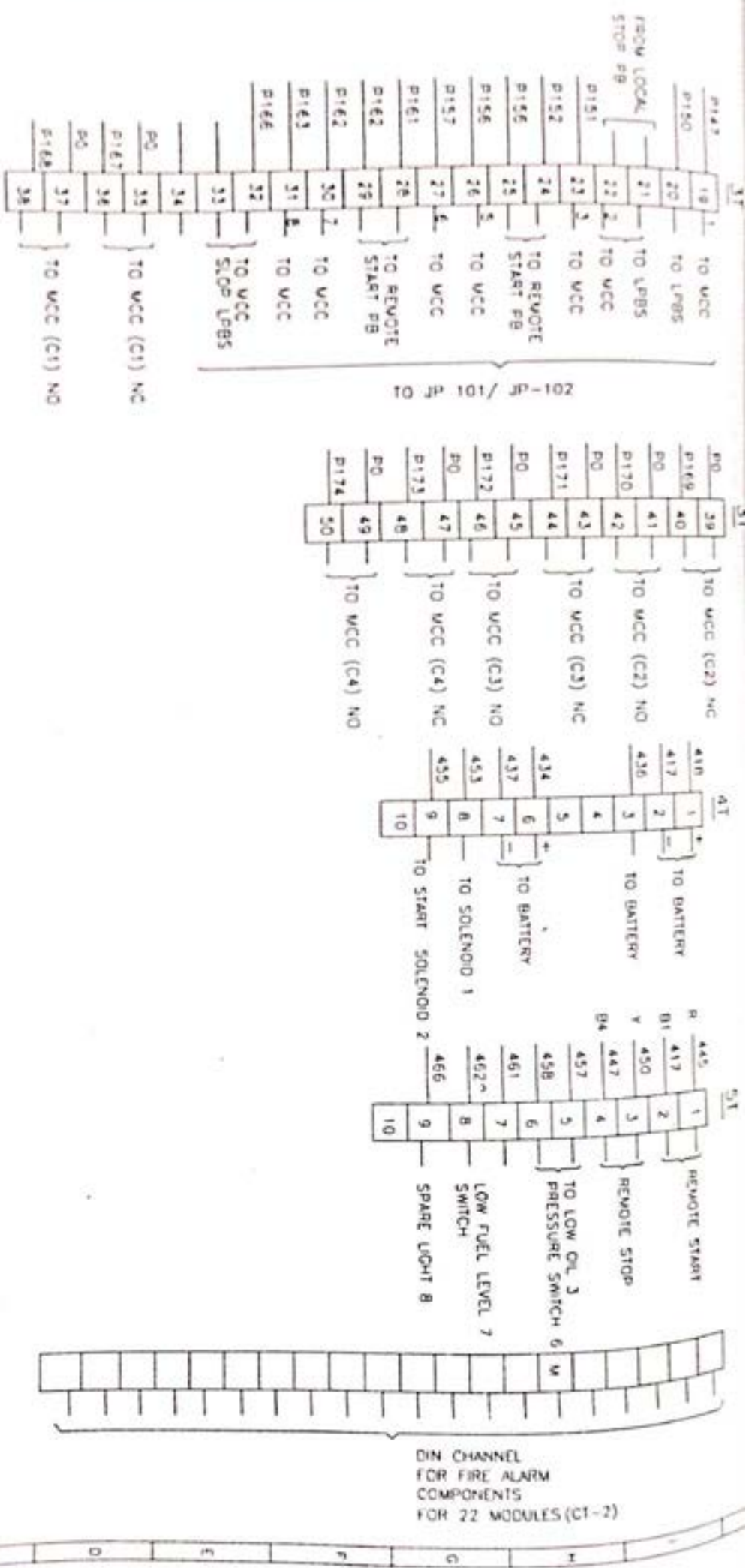
CLIENT:- M/S UNITECH MACHINES LTD.
 CONSULTANT:- M/S DESEIN LTD
 PROJECT:- GMDC

DRW	NO.5
1/80	VP.5
DATE	DATE
TOTAL SHEET 01-18	

AS BUILT

AIR VOLT CONTROLS
 SECTION 7 INDIA

UHG, EDO
 P1720-1-002
 10/11/18



AS BUILT

CLIENT:- M/S UNITECH MACHINES LTD.
 CONSULTANT:- M/S DESEIN LTD
 PROJECT:- GMDC

DRN	NOS
CMD	NOS
SCALE	N.T.S
JOB NO	..
TOTAL SHEET OF	18

TITLE
AAR VEE CONTROLS
 C-35 SECTOR 7 MODA
 G.A. & SCHEMATIC OF CONTROL PANEL -02
 DRG NO P120-E-002
 REV 03
 SHEET 17 OF 18

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 DIMENSIONS FOR PARTS FOR MANUFACTURE REFERRED ARE IN CM UNLESS
 OTHERWISE STATED

81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96

S/N NO	DESCRIPTION	QTY	MAKE
1	CONTROL TRM 3 KW 415V/110V-0-240V AC	1 NO.	ASHOKA
2	ACB 25A DP 16A SPN 16A DP 10 A SPN	1 NO. 2 NOS. 4 NOS. 3 NOS.	INDO-KOOP INDO-KOOP INDO-KOOP
3	DOOR SWITCH SA PUSH TO OFF	2 NOS.	ANCO
4	THERMOSTATE 30-50	1 NO.	
5	SPACE HEATER 40W (240V AC)	1 NO.	PHILLIPS
6	TUBE LIGHT 20W (240V AC)	1 NO.	ANCHOR
7	SOCKET SA 3 PIN	18 NOS.	SEWENS
8	AUX CONTACTOR 110V AC (2 NO+2 NC)	5 NOS.	SEWENS
9	AUX CONTACTOR 24V DC (2 NO+2 NC)	4 NOS.	PLA
10	RELAY 24V DC 3 C/O	3 NOS.	PLA
11	RELAY 24V DC 2 C/O	3 NOS.	SEWENS
12	TUBE 0.6 TO 6 W/L 110V AC	1 NO.	SEWENS
13	TUBE 24V DC 0.6 TO 6 W/L	1 NO.	WASHIND
14	INDICATING LIGHT 240V AC RED	4 NOS.	WASHIND
15	INDICATING LIGHT 110V AC GREEN	7 NOS.	WASHIND
16	INDICATING LIGHT 24V DC (RED)	2 NOS.	WASHIND
17	INDICATING LIGHT 24V DC (YELLOW)	11 NOS.	CAS
18	CONTROL FUSE BASE NSH 20A	1 NO.	CAS
19	FUSE LINK NS 20A	4 NOS.	CAS
20	FUSE LINK NS 16A	4 NOS.	CAS
21	FUSE LINK NS 10A	3 NOS.	CAS
22	FUSE LINK NS 6A	2 NOS.	FTC
23	NEUTRAL LINK 20A	7 NOS.	WASHIND
24	PUSH BUTTON (RED)	7 NOS.	WASHIND
25	PUSH BUTTON (GREEN)	7 NOS.	WASHIND
26	PUSH BUTTON (YELLOW) WITH NC	2 NOS.	WASHIND

S/N NO	DESCRIPTION	QTY	MAKE
27	SELECTOR SWITCH 6A (1 POLE 2 WAY)	5 NOS.	KANJEE
28	SELECTOR SWITCH 6A (2 POLE 4 WAY)	2 NOS.	KANJEE
29	SELECTOR SWITCH 25A (2 POLE 8N OFF)	2 NOS.	KANJEE
30	SELECTOR SWITCH 25A (1 POLE 2 WAY)	2 NOS.	VOLSTATE
31	BATTERY CHARGER (240V/24V DC)	2 NOS.	AE
32	DC AMMETER 0-30A	2 NOS.	AE
33	DC VOLTMETER 0-40V	2 NOS.	AE
34	DIODE	4 NOS.	WASHIND
35	HOTTER 24V DC 96X96	1 NO.	
36	ENGINE START RELAY 24V DC	1 NO.	PIG
37	TERMINALS CST 2.5	246 NOS.	ELEMEX
38	TERMINALS CST 10	5 NOS.	ELEMEX
39	TERMINAL	10 NOS.	WAGO
40	FILTER LOUVER	2 NOS.	
41	FAN 240V AC 50 HZ	1 NO.	REYNOLD
42	INDICATING LIGHT 110V AC (RED)	8 NOS.	WASHIND

AS BUILT

CLIENT:- M/S UNITECH MACHINES LTD.

CONSULTANT:- M/S DESEIN LTD

PROJECT:- GMDC

DRN NOS

CHD. VAS

SCALE N.T.S.

JOB NO. ..

TOTAL SHEET OF-18

AR VEE CONTROLS

C-36 SECTOR-7 NOIDA

TITLE

G.A. & SCHEMATIC OF CONTROL PANEL -02

DRG. NO. P120-E-002

REV 02

DATE 14/07/18

ALL DIMENSION ARE IN MILLIMETERS UNLESS OTHERWISE STATED
TOLERANCE LIMITS FOR PARAMETERS MENTIONED ARE • UN OF RATED
VALUES UNLESS OTHERWISE STATED

SR NO.	DESCRIPTION	QTY	MAKE
1	UCB 25A CB 20A CB 16A CB 16A CB	1 NO. 1 NO. 5 NOS. 1 NOS.	SCHNEIDER (MC) SCHNEIDER (MC) SCHNEIDER (MC) INDO-KOPPP
2	POWER CONTACTOR (2 NO+2NC) 220V DC 16A	1 NO.	SIEMENS
3	POWER CONTACTOR (2 NO+2NC) 415V AC 16A	1 NO.	SIEMENS
4	AUX. CONTACTOR (2 NO+2NC) 110V AC	9 NOS.	SIEMENS
5	POWER PACK 240V AC, 220VDC / 24V DC	1 NO.	ADHOTT (MEAN WELL)
6	THER 0.6 TO 6 V.V. CV 240V AC	1 NO.	SIEMENS
7	DOOR SWITCH S A PUSH TO OFF	1 NO.	
8	THERMOSTATE 30-97° C	1 NO.	ANCO
9	TUBE LIGHT (240V AC)	1 NO.	PHILIPS
10	SPACE HEATER 40 W Supply (240V AC)	1 NO.	ANCHOR
11	SOCKET 5A 3 PIN	1 NO.	
12	HOOPER 24V DC (98888)	1 NO.	WASHIND
13	28 WINDOW ANNUNCIATOR 24V DC (MICRO PROCESSOR BASE) WINDOW 7X150 VV	1 NO.	PROCON
14	FUSE BASE NSM 20A	3 NOS.	CAS
15	NEUTRAL LINK NS 4A	2 NOS.	FTC
16	INDICATING LIGHT 240V AC (RED) 220V DC (RED) 110V AC (RED)	1 NO. 1 NO. 1 NO.	WASHIND WASHIND WASHIND
17	FILTER LOWER	1 NO.	ELDAX
18	TERMINAL CST-10 CST-2.5	7 NOS. 108 NOS.	ELDAX ELDAX
19	PUSH BUTTON (RED, YELLOW & BLACK)	1 NO EACH	WASHIND
20	FAN 240V AC 50WZ	1 NO	REYNOLD
21	7/8 415/240-0-110V AC 1000/2000VA	1 NO	ASHOKA

AS BUILT

CLIENT:-	
CONSULT:-	
PROJECT	

CH MACHINES LTD.	SEIN LTD	DATE	SCALE	DRG. NO.	REV.	SHEET
		CHK. VMS	N.T.S.	P-120-E-003	03	12 OF 12
TITLE		JOB NO. :-		TOTAL SHEET OF -12		
AAR VEE CONTROLS		CJS SECTOR 7 NOIDA		G.A. & SCHEMATIC OF ANN PANEL-01		

Page 33

ALL DIMENSION ARE IN MILLIMETERS UNLESS OTHERWISE STATED
TOLERANCE LIMITS FOR PARAMETERS MEASURED ARE ± 1% OF RATED
VALUES UNLESS OTHERWISE STATED

12/24/24 AS BUILT		CLIENT:- M/S UNITECH MACHINES LTD.		DRG. NO. P-120-E-001		TITLE AIR VIB. CONTROLS C-35 SECTOR-7 NOIDA		DRG. NO. P-120-E-001		SHEET 01 OF 11	
25-01-24 AS BUILT		CONSULTANT:- M/S DESEIN LTD		SCALE N.T.S.		DRG. NO. P-120-E-001		SHEET 01 OF 11		SHEET 1 OF 11	
25-01-24 AS BUILT		PROJECT:- GMDC		TOTAL SHEET OF-12		DRG. NO. P-120-E-001		SHEET 01 OF 11		SHEET 1 OF 11	

AS BUILT

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 UNLESS NOTED OTHERWISE UNLESS NOTED BY A DIM OR BY A
 DIMENSION LINE OTHERWISE STATED

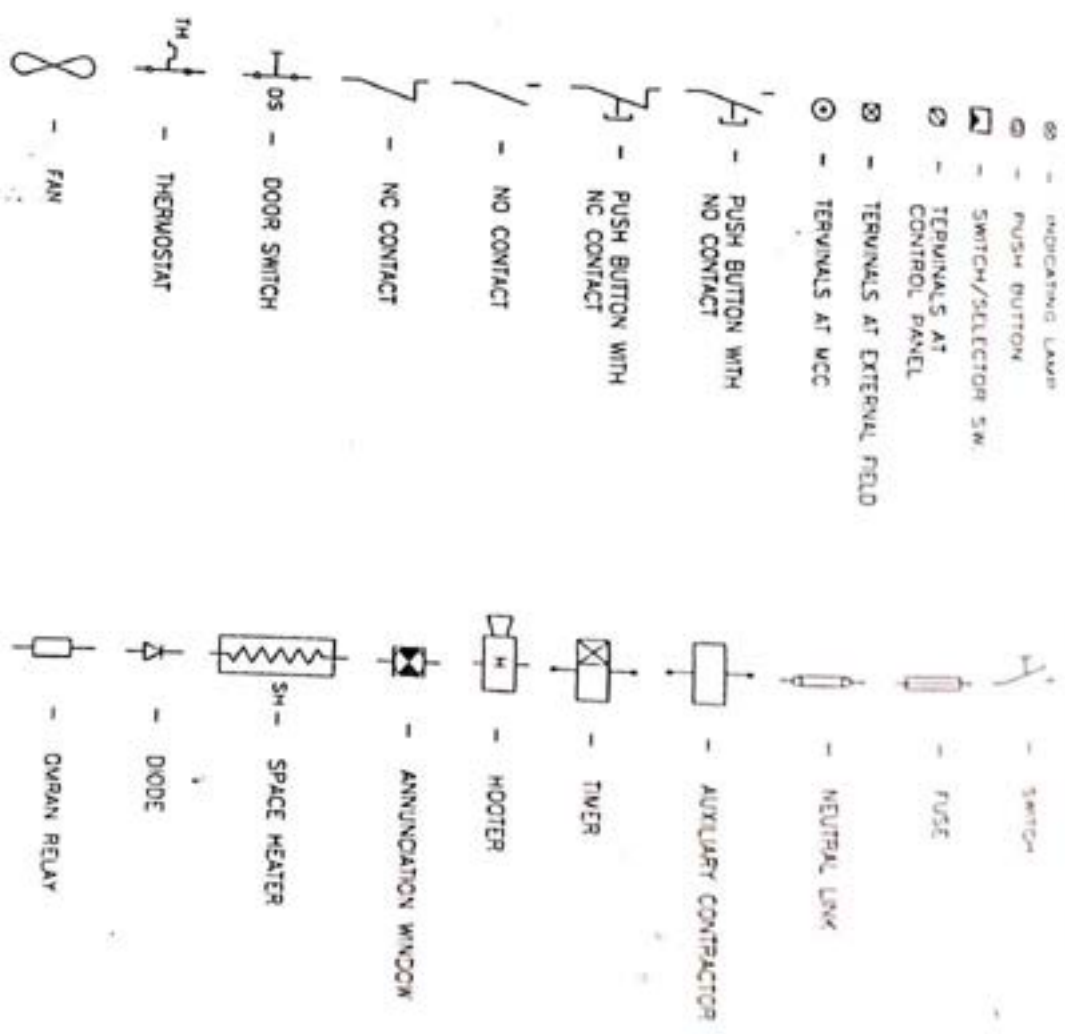
ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE
 1) 110 V AC, 50 Hz, 240V AC 50Hz
 II) 220V DC

3. ANN. PANEL-01 SHALL BE FABRICATED OUT OF SHEET STEEL HAVING THICKNESS AS FOLLOWS
 - A) ENCLOSURE 2.0 MM CRCA
 - B) MAIN FRAME 2.0 MM CRCA
 - C) DOORS 2.0 MM CRCA
 - C) FRONT/SIDE 2.0 MM CRCA
 - D) GLAND PLATE 3.0 MM HRC
 - E) MOUNTING PLATE 3.0 MM HRC
4. ANN. PANEL SHALL BE PAINTED USING POWDER COATED PROCESS HAVING PAINT SHADE NO. 631 LIGHT GREY AS PER IS-5.
5. ANN. PANEL-01 SHALL BE FLOOR MOUNTING TYPE AS INDICATED ON THE DRAWINGS.
6. SYNTHETIC RUBBER (EPDM) GASKET SHALL BE PROVIDED TO MAKE PANEL DUST & VERMIN PROOF CONFIRMING TO DEGREE OF PROTECTION IP-54 AS REV IS 13947
7. EARTH BUS BAR 25X6 mm SQ. AL. SHALL BE PROVIDED THROUGH OUT OF THE LENGTH OF COMMON ANN. PANEL THE HORIZONTAL EARTH BUS SHALL PROJECT OUT OF THE PANEL.
8. NAME PLATE SHALL BE 3 PLY. LAMICOID/ANODISED AL. HAVING WHITE LETTERS ENGRAVED ON BLACK BACK GROUND LETTER SIZE SHALL BE 3 MM MINIMUM.
9. CONTROL WIRING SHALL BE DONE WITH 1.5 MM SQ. 1100 VOLTAGE INSULATION GRADE PVC STARANDED CU. WIRE OF BLACK COLORS.
10. CONTROL TERMINALS SHALL BE CAGE CLAMP TYPE
11. WIRES USED FOR INTERNAL WIRING SHALL BE PROVIDED WITH INSULATING SLEEVE TAPE AT BOTH END.
12. CABLE ENTRY SHALL BE FROM TOP ONLY.
13. COPPER CABLE LUGS PROVIDED FOR ALL INTERNAL WIRING.
14. ALL HINGED DOOR AND REMOVABLE PARTS WILL BE CONNECTED TO EARTH BUS USING 2.5 mm SQ. FLEXIBLE COPPER GREEN WIRE.
15. SPACE HEATER & FAN SHALL BE PROVIDED AS INDICATED IN DRAWING.
16. CONTROL TERMINALS 20 % SHALL BE PROVIDED EXTRA.
17. ANTI VIBRATION PAD (15 MM) WILL BE PROVIDED OF THE FLOOR MOUNTED PANEL ONLY.

AS BUILT

CLIENT:- M/S UNITECH MACHINES LTD.		DRN.	NKS	TITLE		DRG. NO.	REV.	SHEET
CONSULTANT:- M/S DESEIN LTD		CHG.	VNS	G.A. & SCHEMATIC OF ANN PANEL-01		P-120-E-003	03	2 OF 12
PROJECT:- GMDC		SCALE	N.T.S.	JOB NO. ..		TOTAL SHEET OF-12		

ALL DIMENSION ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 TOLERANCE LIMITS FOR PARAMETERS MEASURED ARE + 1% OF RATED
 VALUES, UNLESS OTHERWISE STATED.



ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 TO BRING QUANT FOR PARAMETERS MEASURED ARE ±1% OF RATED
 VALUES, UNLESS OTHERWISE STATED.

CLIENT: **M/S UNITECH MACHINS LTD**
 CONSULTANT: **M/S DESEIN LTD**
 PROJECT: **GMDC**

DRN	N.K.S
CHKD	V.K.S
APPRD.	
S/N/E	N.T.S
JOB NO.	..
TOTAL SHEET	OF-12

TITLE: **AIR VEE CONTROLS**
C-35 SECTOR-7 NOIDA
 G.A. & SCHEMATIC OF
 ANN PANEL-01
 DRG NO: **P-120-E-003**
 REV: 03
 SHEET 3 OF 12

AS BUILT

- ⊙ - INDICATING LAMP
- ⊙ - PUSH BUTTON
- ☑ - SWITCH/SELECTOR SW.
- ⊗ - TERMINALS AT CONTROL PANEL
- ⊗ - TERMINALS AT EXTERNAL FIELD
- ⊙ - TERMINALS AT MCC

- PUSH BUTTON WITH NO CONTACT
- PUSH BUTTON WITH NC CONTACT
- NO CONTACT
- NC CONTACT
- DOOR SWITCH
- THERMOSTAT
- FAN

- SWITCH
- FUSE
- NEUTRAL LINK
- AUXILIARY CONTACTOR
- TIMER
- HOOTER
- ANNUNCIATION WINDOW
- SPACE HEATER
- DIODE
- OMRA RELAY

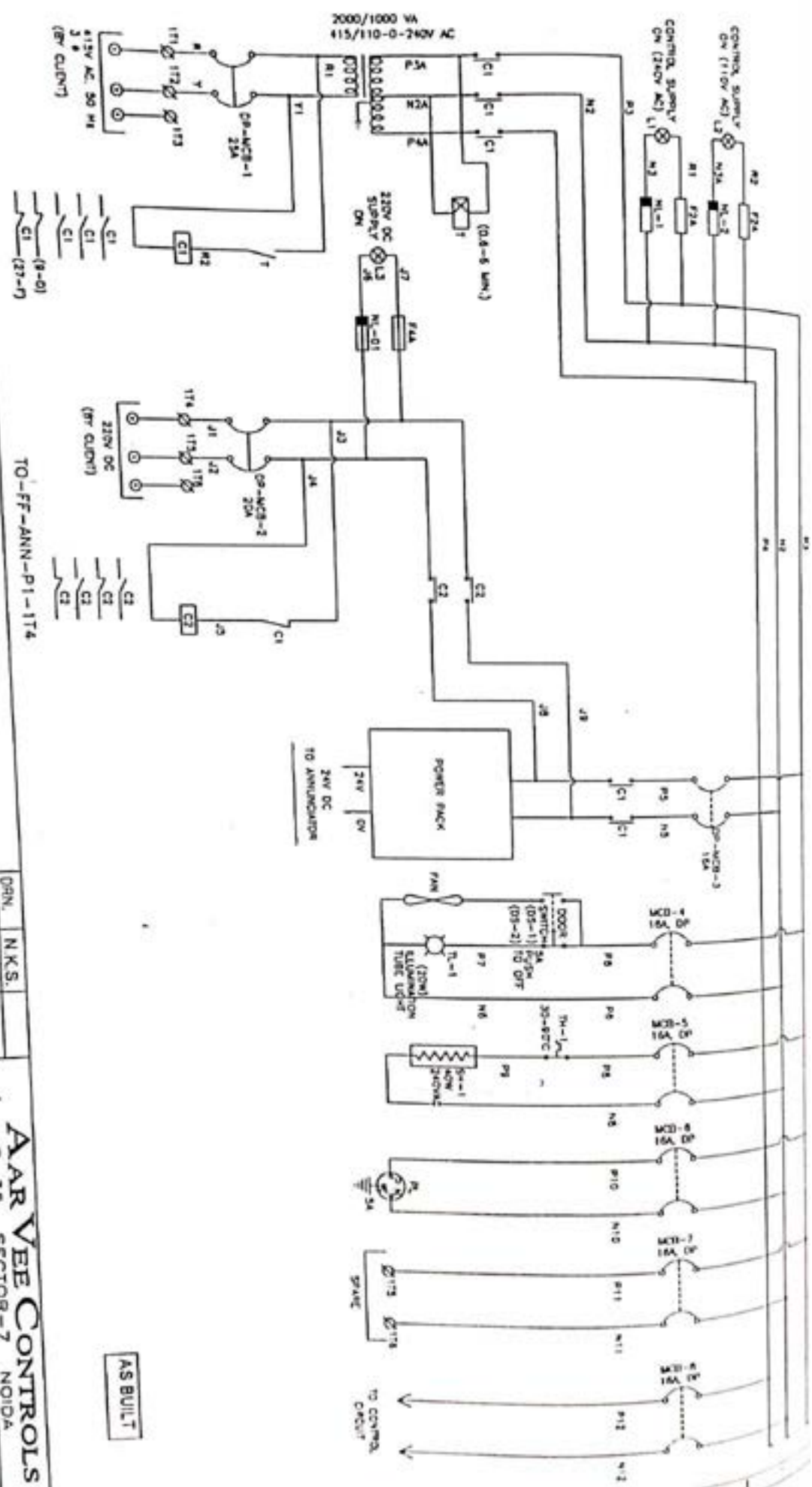
AS BUILT

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 TOLERANCE LIMITS FOR PARAMETERS MEASURED ARE ±1% OF RATED
 VALUES, UNLESS OTHERWISE STATED.

CLIENT: MIS UNITECH MACHINS LTD
 CONSULTANT: M/S DESEIN LTD
 PROJECT: GMDC

DRN.	N.K.S.
CHKD.	V.K.S.
APPO.	
SCALE	N.T.S.
JOB NO.	--
TOTAL SHEET	OF-12

AR VEE CONTROLS
 C-35 SECTOR-7 NOIDA
 TITLE: G.A. & SCHEMATIC OF ANN PANEL-01
 DRG. NO. P-120-E-003
 REV. 03
 SHEET 3 OF 12



DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 TOLERANCE UNITS FOR PARAMETERS MEASURED ARE ±1% OF RATED
 UNLESS OTHERWISE STATED

CLIENT: M/S UNITECH MACHINS LTD
 CONSULTANT: M/S DESEIN LTD
 PROJECT: GMDC

DRN.	N.K.S.	TITLE	AAR VEE CONTROLS
CHD.	V.K.S.		
APPRD.		C.A. & SCHEMATIC OF ANN PANEL-01	
SCALE	N.T.S.	DRG. NO.	P-120-E-003
JOB NO.	--	REV.	03
TOTAL SHEET	OF-12	SHEET	5 OF 12

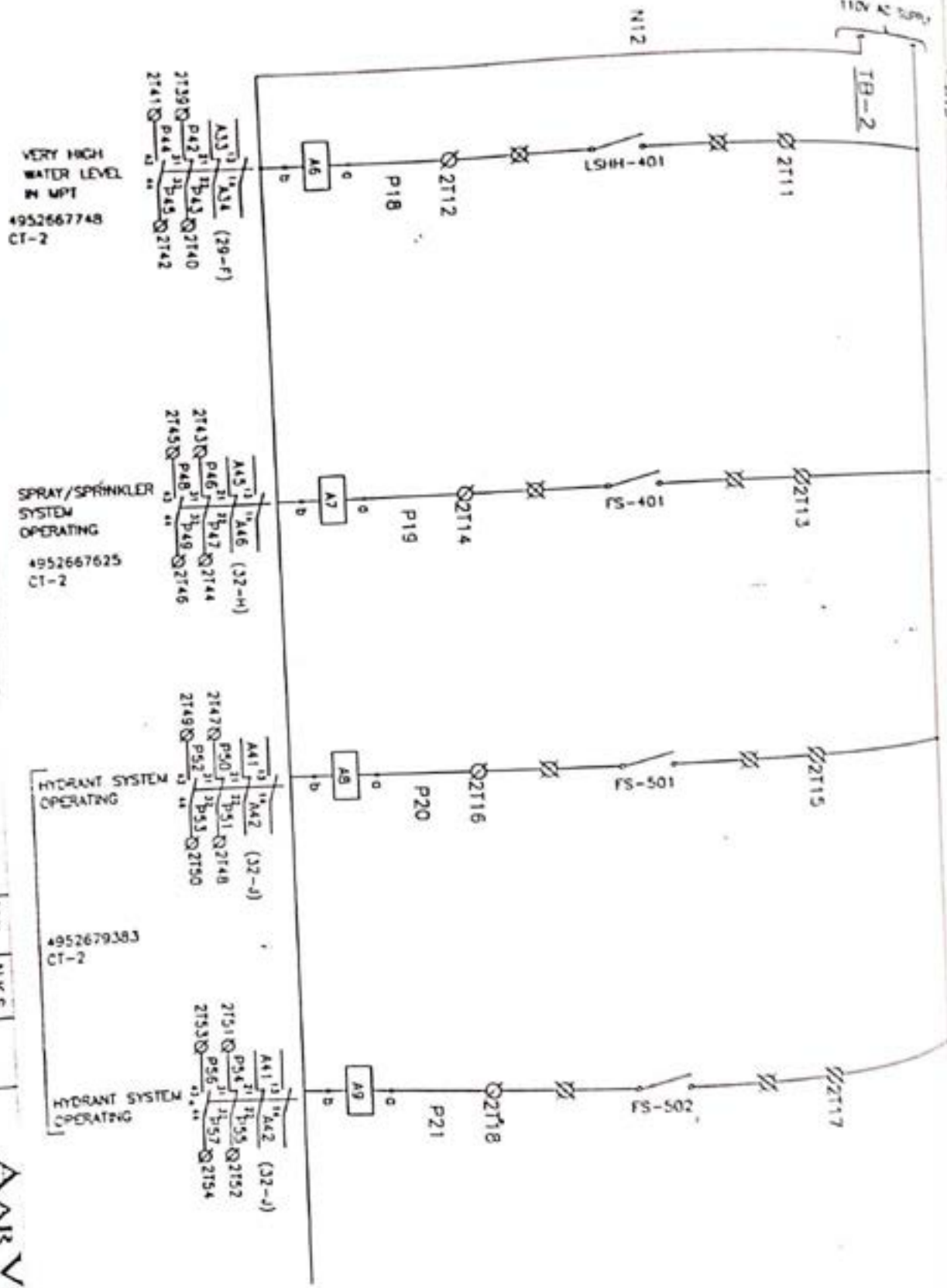
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 AS BUILT

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED
 TOLERANCE UNITS FOR PARAMETERS MEASURED ARE ±1% OF RATED
 UNLESS OTHERWISE STATED

CLIENT: MIS URITECH MACHINIS LTD
 CONSULTANT: MIS DESEIN LTD
 PROJECT: GMDC

Drawn	NKS
Check	VKS
Approved	
V/A/E	H/T/S
JOB NO.	..
TOTAL SHEET	OF-12

TITLE: G.A. & SCHEDULE OF AIR PART-01
 DRG NO. P-120-E-003
 SHEET 7 OF 12



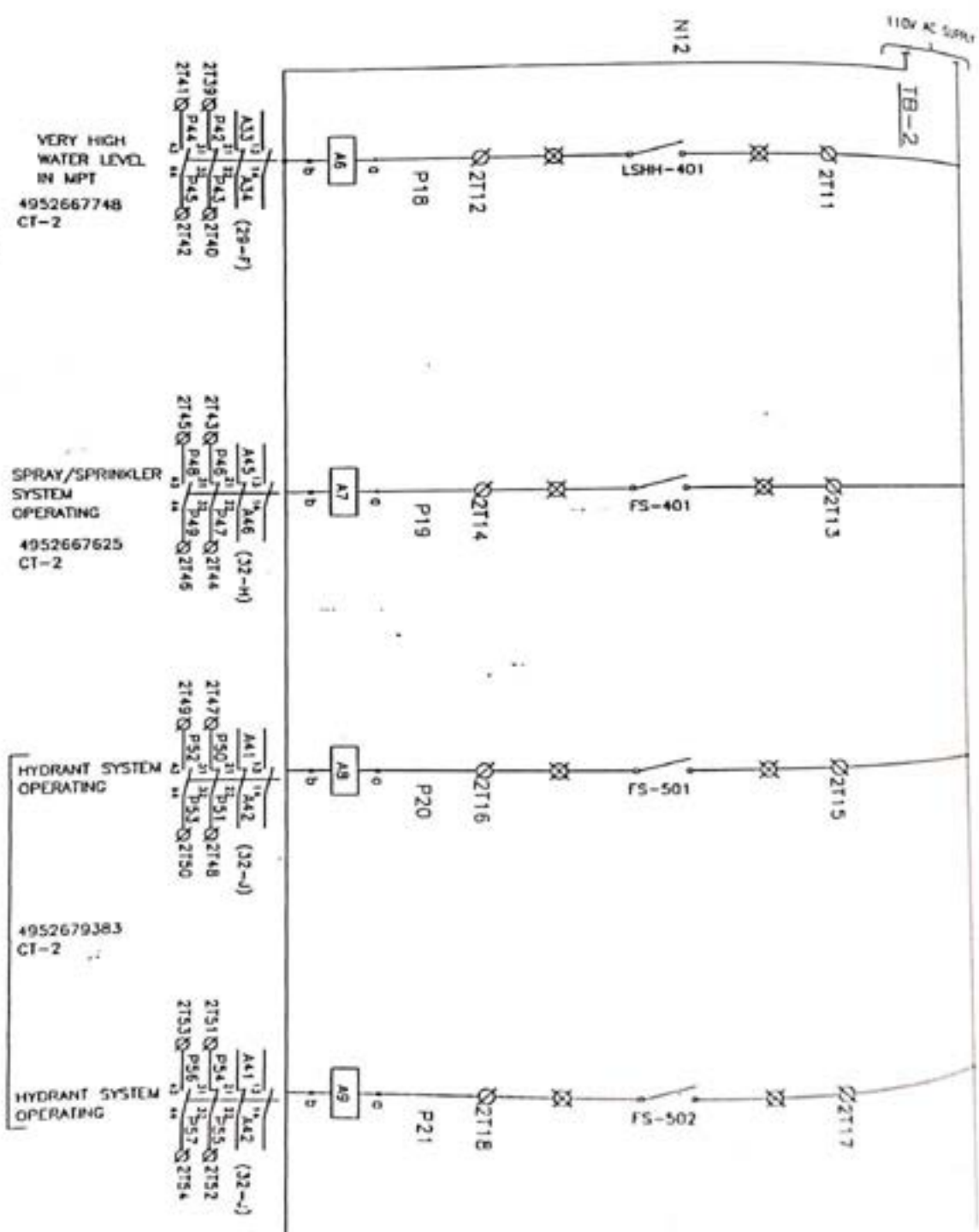
AS BUILT

AIR VIB CONTROLS

G.A. & SCHEDULE OF AIR PART-01

SHEET 7 OF 12

110V AC SUPPLY
IB-2



CLIENT: M/S UNITECH MACHINS LTD
CONSULTANT: M/S DESEIN LTD

AAR VEE CONTROLS
C-35 SECTOR-7 NOIDA

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
TOLERANCE UNITS FOR PARAMETERS MEASURED ARE ±1% OF RATED
VALUES UNLESS OTHERWISE STATED.

PROJECT: GMDC

DRN	N.K.S.
CHKD	V.K.S.
APPD	
SCALE	N.T.S.

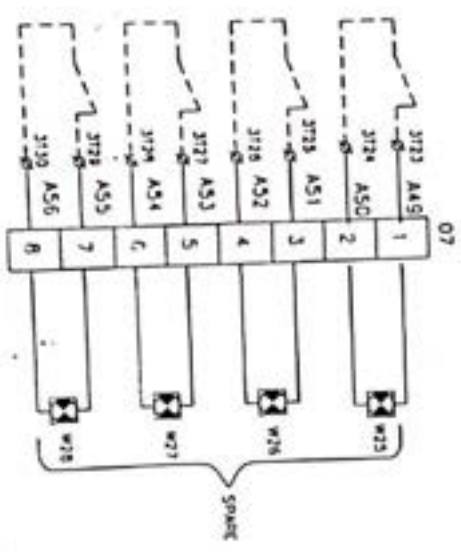
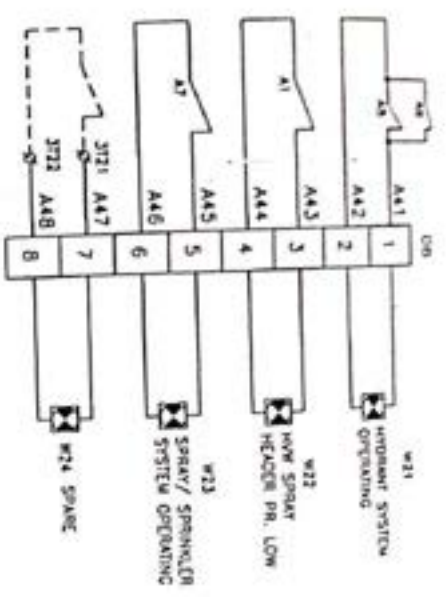
TITLE: C.A. & SCHEMATIC OF ANN PANEL-01

JOB NO. --
TOTAL SHEET OF-12

DRG. NO. P-120-E-003

REV. 03
SHEET 7 OF 12

2 3 4 5 6 7 8 9 10



- W1 LOCAL CONTROL PANEL
- W2 FIRE/PAUL FIELD
- W3 (BY CLIENT)
- W4 ANNUNCIATION WINDOW

LEGEND:-

- LOCAL CONTROL PANEL
- ▭ FIRE/PAUL FIELD
- (BY CLIENT)
- ANNUNCIATION WINDOW

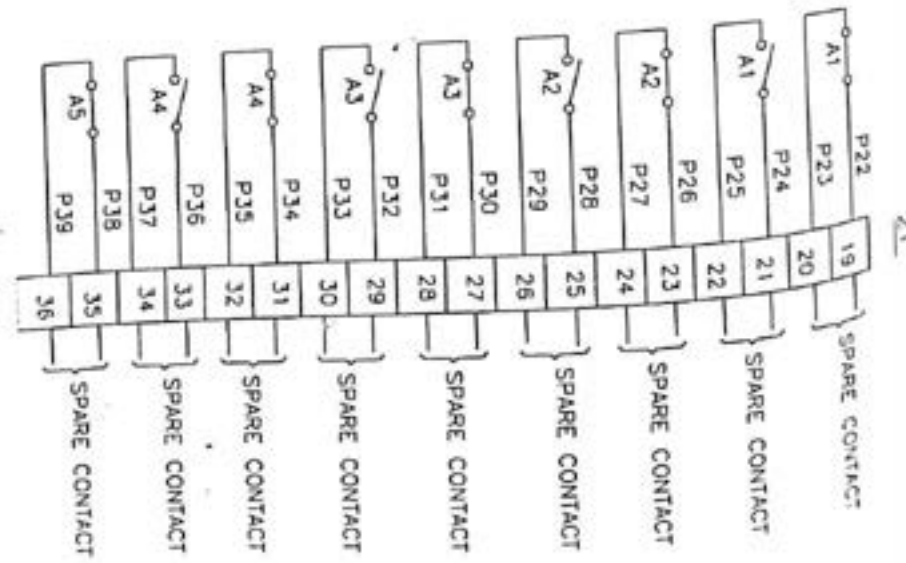
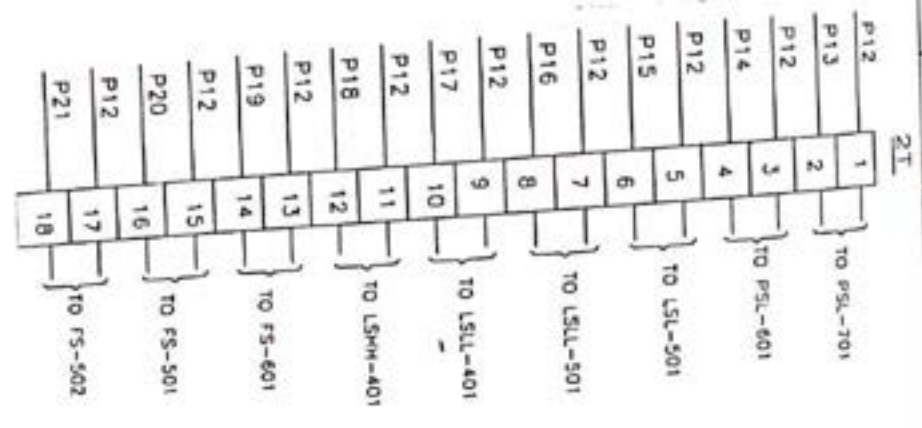
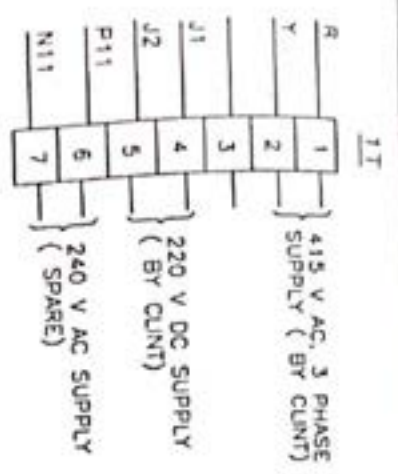
AS BUILT

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 SYSTEMS ARE TO BE PROVIDED BY SUPPLIER AND ARE TO BE INSTALLED BY THE CONTRACTOR.

CLIENT: M/S UNITECH MACHINS LTD
 CONSULTANT: M/S PCEEM LTD
 PROJECT: GMP

DRN	NKS
CHKD	VKS
APPRD	HTS
DATE	...
SCALE	...
TITLE SHEET	OF-12

AR VEE CONTROLS
 C-35 SECTOR-7 NOIDA
 G.A. & SCHEMATIC OF
 MAIN PANEL-01
 DRG NO P-1/10-L-0013
 REV 03
 SHEET 9 OF 12

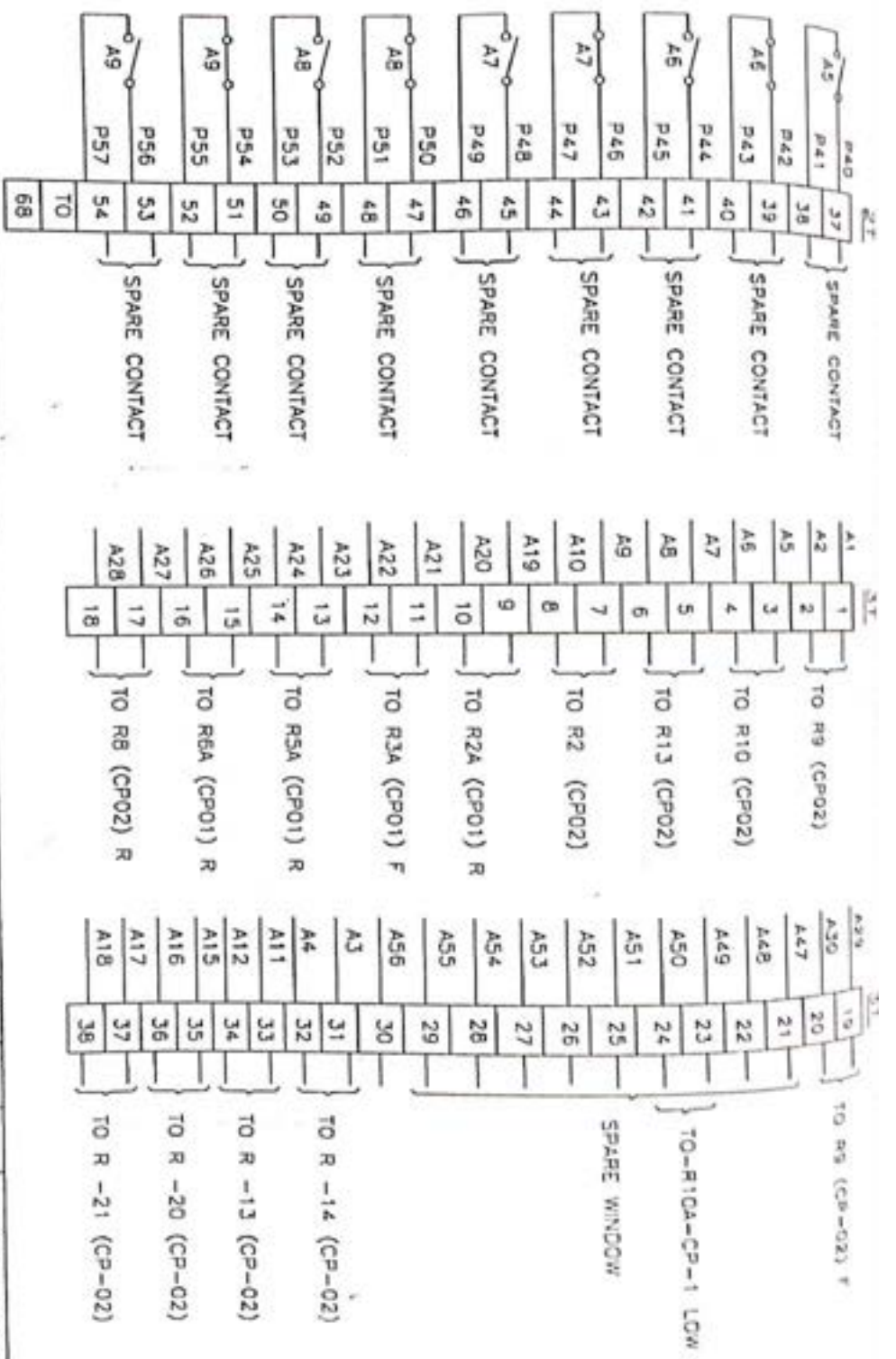


1. Definition and nomenclatures units drawings stated
 2. Distance units for parameters measured are - 1% of ratio
 units unless otherwise stated

CLIENT:- M/S UNITECH MACHINES LTD.
 CONSULTANT:- M/S DESEIN LTD
 PROJECT:- GMDC

DATE: 10/11/12
 SHEET NO: 03
 OF 12
 SCALE: N.T.S.
 TITLE: AVR VOLT CONTROL'S
 C-38 SECTOR,7 NOIDA
 G.A. & SUPERVISOR'S
 SIGN PANEL-01
 ORG. NO: P-120-E-003
 SHEET NO: 03
 OF 12

AS BUILT



AS BUILT

DIN CHANNEL FOR MOUNTING OF FIRE COMPONENTS FOR 28 MODULES

CLIENT:- M/S UNITECH MACHINES LTD.		PROJECT:- GMDC	
CONSULTANT:- M/S DESEIN LTD		JOB NO. ...	
TITLE G.A. & SOLENOID OF ANN PANEL-01		DRG. NO. P-120-E-003	
SCALE N.T.S.		REV. 03	
TOTAL SHEET OF-12		SHEET 11 OF 12	

ALL DIMENSION ARE IN MILLIMETERS UNLESS OTHERWISE STATED
TOLERANCE UNITS FOR PARAMETERS MEASURED ARE ± 1% OF RATED
VALUES, UNLESS OTHERWISE STATED.

SER. NO.	DESCRIPTION	QTY	MAKE
1	MCB 25A DP 20A DP 16A DP 16A DP	1 NO. 1 NO. 5 NOS. 1 NOS.	SCHNEIDER (MG) SCHNEIDER (MG) SCHNEIDER (MG) HDD-KOPPP
2	POWER CONTACTOR (2 NO+2NC) 220V DC 16A	1 NO.	SIEMENS
3	POWER CONTACTOR (2 NO+2NC) 415V AC 16A	1 NO.	SIEMENS
4	AUX. CONTACTOR (2 NO+2NC) 110V AC	9 NOS.	SIEMENS
5	POWER PACK 240V AC, 220VDC / 24V DC	1 NO.	ADPOT (MEAN WELL)
6	TIMER 0.6 TO 6 MIN. CV 240V AC	1 NO.	SIEMENS
7	DOOR SWITCH 5 A PUSH TO OFF	1 NO.	AMCO
8	THERMOSTATE 30-90° C	1 NO.	PHILPHS
9	TUBE LIGHT (240V AC)	1 NO.	ANCHOR
10	SPACE HEATER 40 W SUPPLY (240V AC)	1 NO.	WASHING
11	SOCKET 5A 3 PIN	1 NO.	PHACON
12	HOOPER 24V DC (95X86)	3 NOS.	CAS
13	28 WINDOW ANNUNCIATOR 24V DC	2 NOS.	FTC
14	(MICRO PROCESSOR BASE) WINDOW 75X50 MM	1 NO.	WASHING
15	FUSE BASE NSH 20A	1 NO.	WASHING
16	NEUTRAL LINK NS 4A	1 NO.	WASHING
17	INDICATING LIGHT 240V AC (RED)	108 NOS.	ELEMAX
18	220V DC (RED)	1 NO.	ELEMAX
19	110V AC (RED)	1 NO.	WASHING
20	FILTER LOWER	1 NO.	REYNOLD
21	TERMINAL CST-10 CST-2.5	1 NO.	ASHOKA

AS BUILT

CLIENT:- M/S UNITECH MACHINES LTD.		DRN		KMS		JOB NO. ..		ORG. NO.		REV.	
CONSULTANT:- M/S DESEIN LTD		CND		VNS		TOTAL SHEET OF-12		P-120-E-003		03	
PROJECT:- GMDC		SCALE		N.T.S.		TITLE		G.A. & SCHEDULE OF		ANN PANEL-01	
M/S UNITECH MACHINES LTD.		N.T.S.		N.T.S.		ANN PANEL-01		ANN PANEL-01		ANN PANEL-01	

ALL DIMENSION ARE IN MILLIMETERS UNLESS OTHERWISE STATED
TOLERANCE LIMITS FOR PARAMETERS MENTIONED ARE ± 1% OF RATED
VALUES UNLESS OTHERWISE STATED.

03	12-06-06	AS BUILT
02	28-03-04	AS BUILT
01	29-03-04	FOR INFORMATION/ APPROVAL
REV	DATE	REVISION

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 TOLERANCE UNITS FOR FABRICATORS AGREED TO ARE + 1% UNLESS OTHERWISE STATED.

Rev A2

INT:- M/S UNITECH MACHINES LTD.		DRG NO.		8120-E-004		REV		01		SHEET		1 OF 14	
SULTANI:- M/S DESEIN LTD		SCALE		N.T.S.		TITLE		G.A. & SCHEMATIC OF		APR PANEL -02			
JECT:- GMDC		JOB NO.		-		DRG NO.		8120-E-004		REV		01	
		TOTAL SHEET OF -14											

AS BUILT

AIR VIB CONTROL

C-18 SECTION 7 NOGA

33 34 35 36 37 38

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS SPECIFIED OTHERWISE.
 - 1) 110 V AC, 50 HZ
 - 2) 220V DC
2. CONTROL SUPPLY
3. ANN PANEL-02 SHALL BE FABRICATED OUT OF SHEET STEEL HAVING THICKNESS AS FOLLOWS.
 - A) ENCLOSURE 2.0 MM CRCA
 - B) MAIN FRAME 2.0 MM CRCA
 - C) DOORS 2.0 MM CRCA
 - C) FRONTSIDE 2.0 MM CRCA
 - D) GLAND PLATE 3.0 MM HRC
 - E) MOUNTING PLATE 3.0 MM HRC
4. ANN. PANEL SHALL BE PAINTED USING POWDER COATED PROCESS HAVING PAINT SHADE NO. 831 LIGHT GRAY AS PER IS-5.
5. ANN. PANEL-02 SHALL BE FLOOR MOUNTING TYPE AS INDICATED ON THE DRAWINGS.
6. SYNTHETIC RUBBER (EPDM) GASKET SHALL BE PROVIDED TO MAKE PANEL DUST & VERMIN PROOF CONFIRMING TO DEGREE OF PROTECTION IP 54 AS REV 15 13547.
7. EARTH BUS BAR 25X8 mm SQ. AL. SHALL BE PROVIDED THROUGH OUT OF THE LENGTH OF ANN. PANEL-02. THE HORIZONTAL EARTH BUS SHALL PROJECT OUT OF THE PANEL.
8. NAME PLATE SHALL BE 3 PLY, LAMICOID/ANODISED AL. HAVING WHITE LETTERS ENGRAVED ON BLACK BACK GROUND. LETTER SIZE SHALL BE 3 MM MINIMUM.
9. CONTROL WIRING SHALL BE DONE WITH 1.5 MM SQ. 1100 VOLTAGE INSULATION GRADE PVC STARANDED CU WIRE OF BLACK COLORS.
10. CONTROL TERMINALS SHALL BE PROVIDED IN CAGE CLAMP TYPE.
11. WIRES USED FOR INTERNAL WIRING SHALL BE PROVIDED WITH INSULATING SLEEVE/TAPE AT BOTH END.
12. CABLE ENTRY SHALL BE FROM TOP ONLY.
13. COPPER CABLE LUGS PROVIDED FOR ALL INTERNAL WIRING.
14. ALL HINGED DOOR AND REMOVABLE PARTS WILL BE CONNECTED TO EARTH BUS USING 2.5 mm SQ. FLEXIBLE COPPER GREEN WIRE.
15. SPACE HEETER & FAN SHALL BE PROVIDED AS INDICATING IN DRAWING.
16. CONTROL TERMINALS 20 % SHALL BE PROVIDED EXTRA.
17. ANTI VIBRATION PAD (15 MM) WILL BE PROVIDED OF THE FLOOR MOUNTED PANEL ONLY.

AS BUILT
























ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 TOLERANCE LIMITS FOR MANUFACTURE AS PER IS: 9000 & IS: 9001 UNLESS OTHERWISE STATED.

CLIENT:- M/S UNITECH MACHINES LTD.
 CONSULTANT:- M/S DESEIN LTD.
 PROJECT:- GMDC

DATE	REV'S	AIR VIBRATION CONTROL C-38 SECTION-7 MORDA	TITLE C.A. & VIBRATION CONTROL OF ANN PANEL 02	DRG. NO. P170-1-004	IN D 03	DATE 28-10-18
SCALE	N.T.S.					
TOTAL SHEET OF - 10						



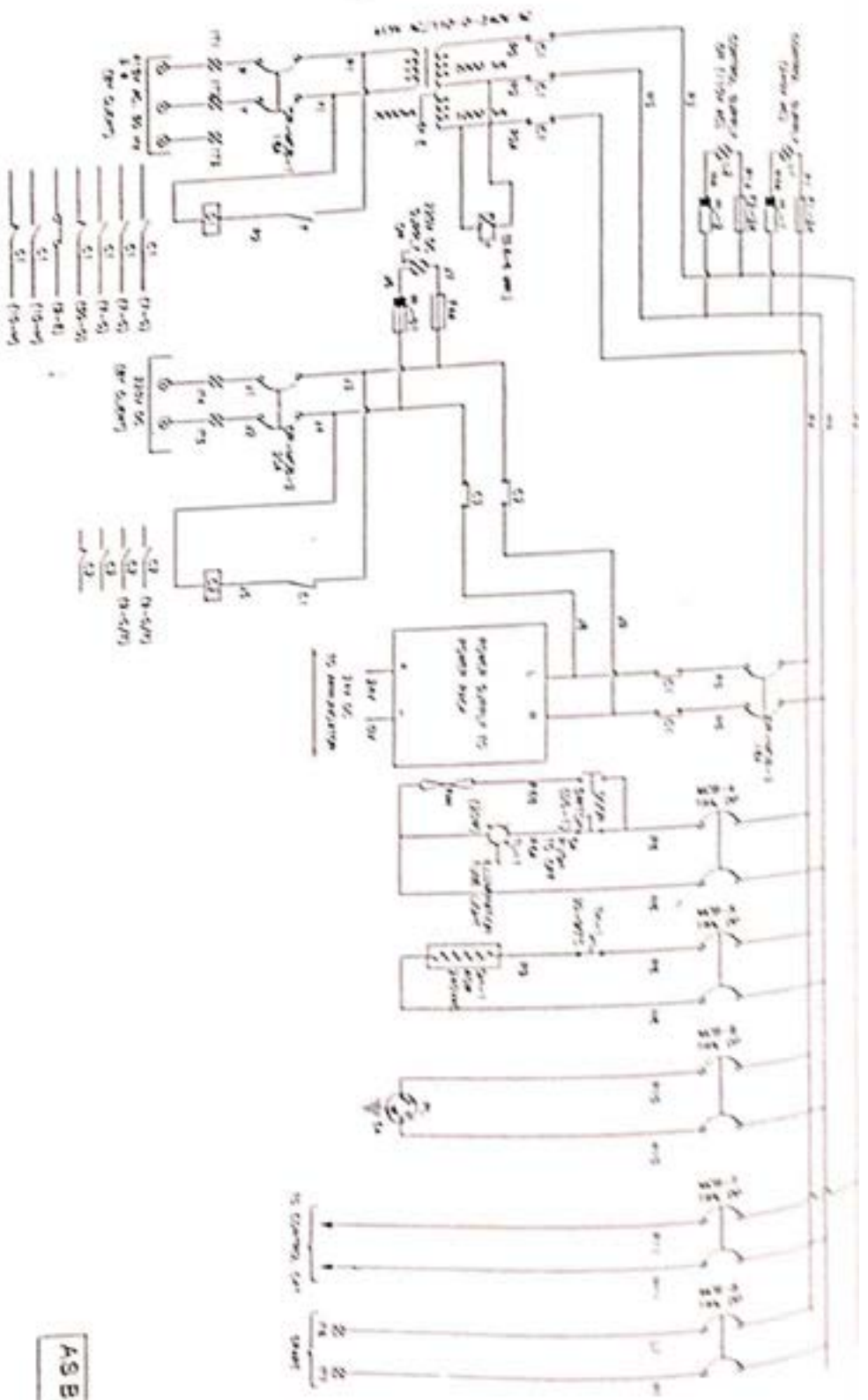
LEGEND

-  - INDICATING LAMP
-  - PUSH BUTTON
-  - SWITCH/SELECTOR SW.
-  - TERMINALS AT CONTROL PANEL
-  - TERMINALS AT EXTERNAL FIELD
-  - TERMINALS AT WCC
-  - PUSH BUTTON WITH NO CONTACT
-  - PUSH BUTTON WITH NC CONTACT
-  - NO CONTACT
-  - NC CONTACT
-  - DOOR SWITCH
-  - THERMOSTAT
-  - FAN
-  - SWITCH
-  - FUSE
-  - NEUTRAL LINK
-  - AUXILIARY CONTRACTOR
-  - TOWER
-  - HOISTER
-  - ANNUNCIATION WINDOW
-  - SPACE HEATER
-  - DROOC
-  - OUTPUT RELAY

AS BUILT

CLIENT: M/S UNITECH MACHINS LTD		TITLE: AAR VEE CONTROLS	
CONSULTANT: M/S DESEN LTD		C-55 SECTOR-7 NOIDA	
PROJECT: GNDG	DRG NO: P120-E-004	REV: 03	SHEET: 1 OF 18
DIM. N.K.S. ORD. V.K.S. APPD. _____ SCALE: HTS		TOTAL SHEET OF-18 JOB NO. -	

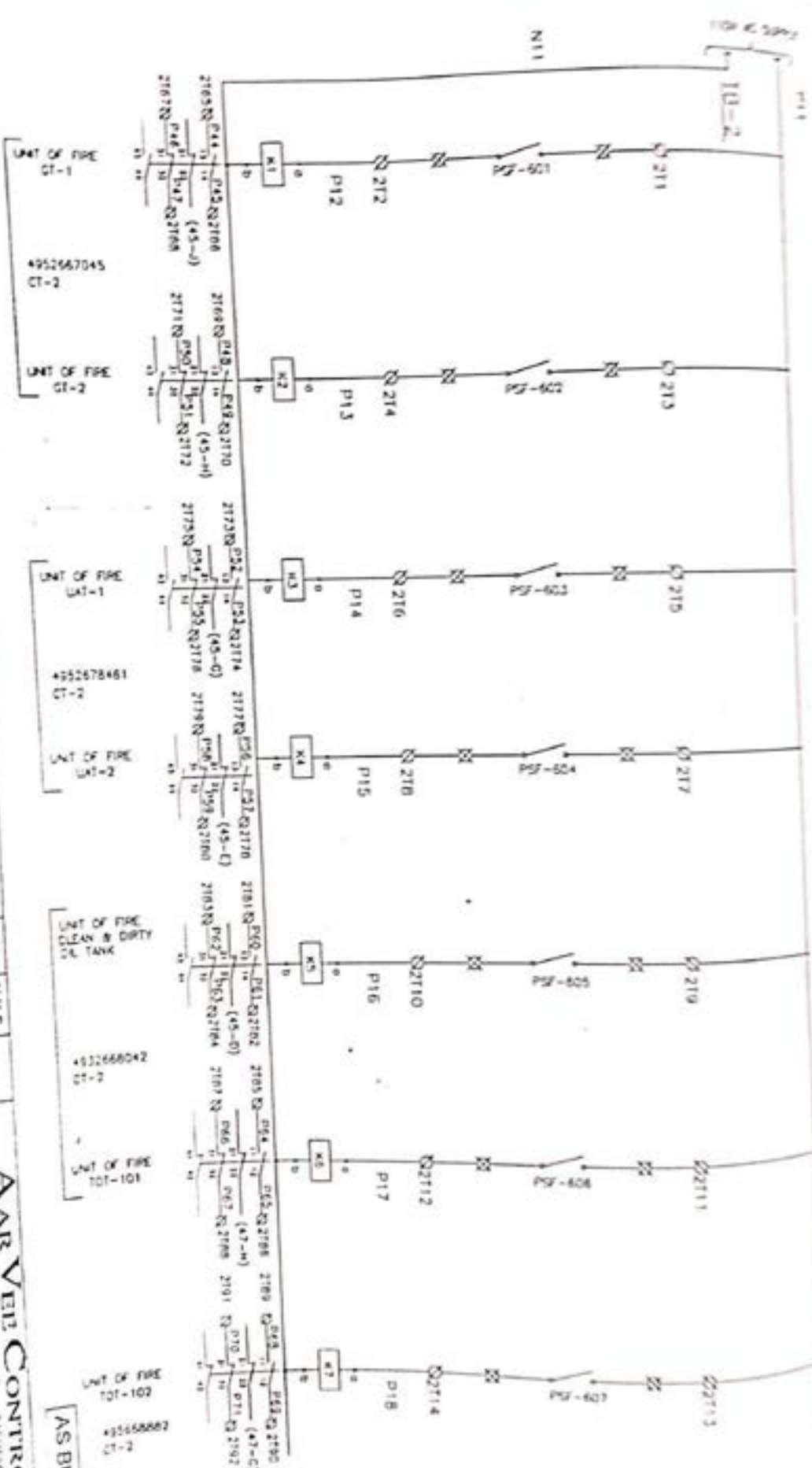
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 TOLERANCE IS NOT TO BE EXCEEDED UNLESS SPECIFIED AND 1/16" OF SAID
 UNLESS OTHERWISE STATED.



AS BUILT

CLIENT:		M/S UNITECH MACHINIS LTD	
CONSULTANT:		M/S DESEN LTD	
PROJECT:		GVDC	
DRAWING NO:		P120-E-004	
SCALE:		N.T.S.	
TOTAL SHEET OF:		03	
DATE:		1978	

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 DIMENSIONS OF THE DRAWINGS UNLESS OTHERWISE STATED ARE THE SAME AS THE ORIGINAL DRAWING.

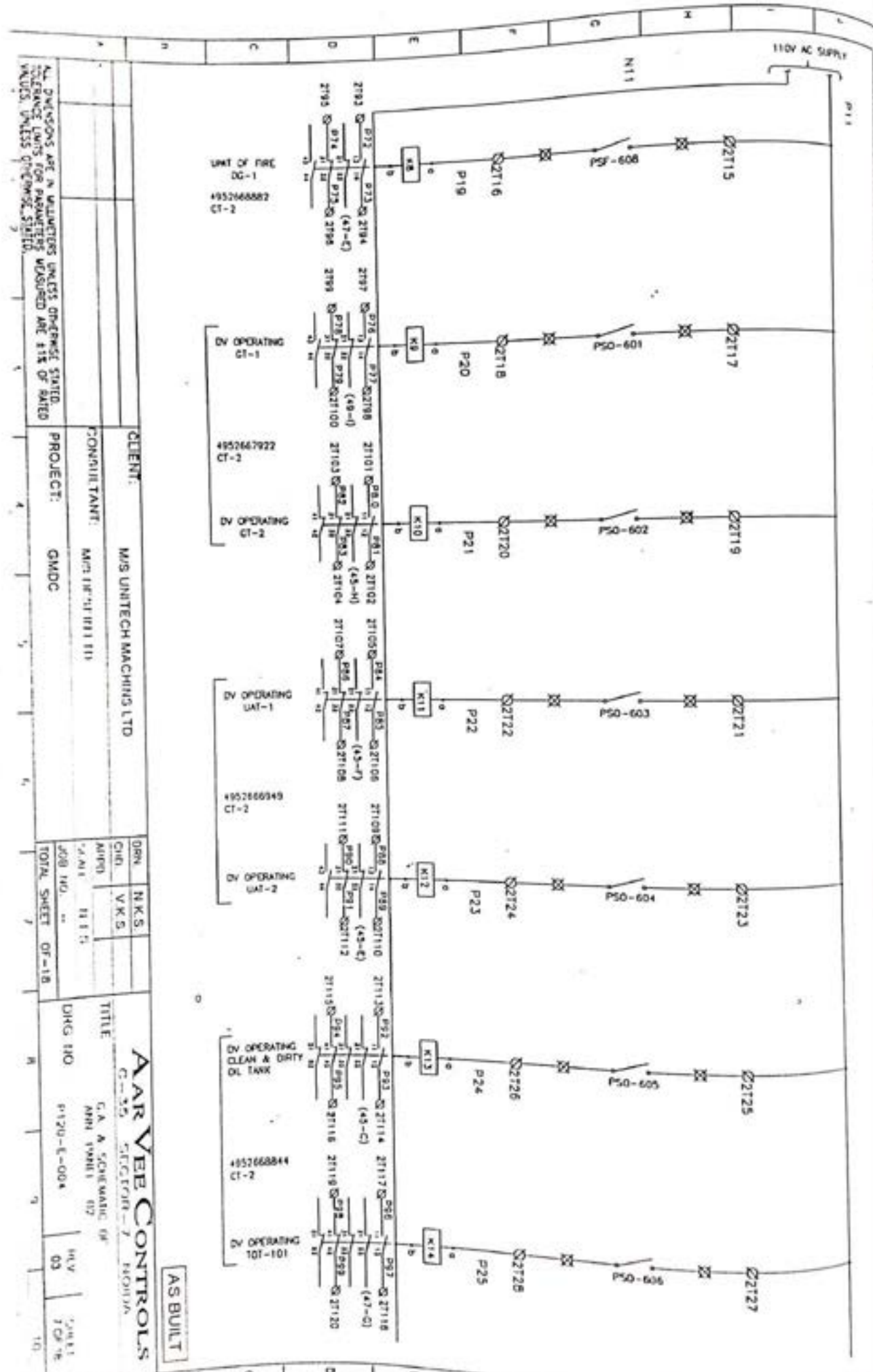


CLIENT: MMS UNITECH MACHINIS LTD
 CONSULTANT: MMS ENGINEERING LTD
 PROJECT:

DRN	N.K.S.
CHN	V.K.S.
APRN	
SCNT	11.7.75
PRN	
FORM	7

AIR VEE CONTROLS
 101-101 101-102 101-103 101-104 101-105 101-106 101-107 101-108 101-109 101-110

ALL DIMENSIONS ARE TO BE TAKEN FROM THE FACE UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE TO BE TAKEN FROM THE FACE UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE TO BE TAKEN FROM THE FACE UNLESS OTHERWISE SPECIFIED



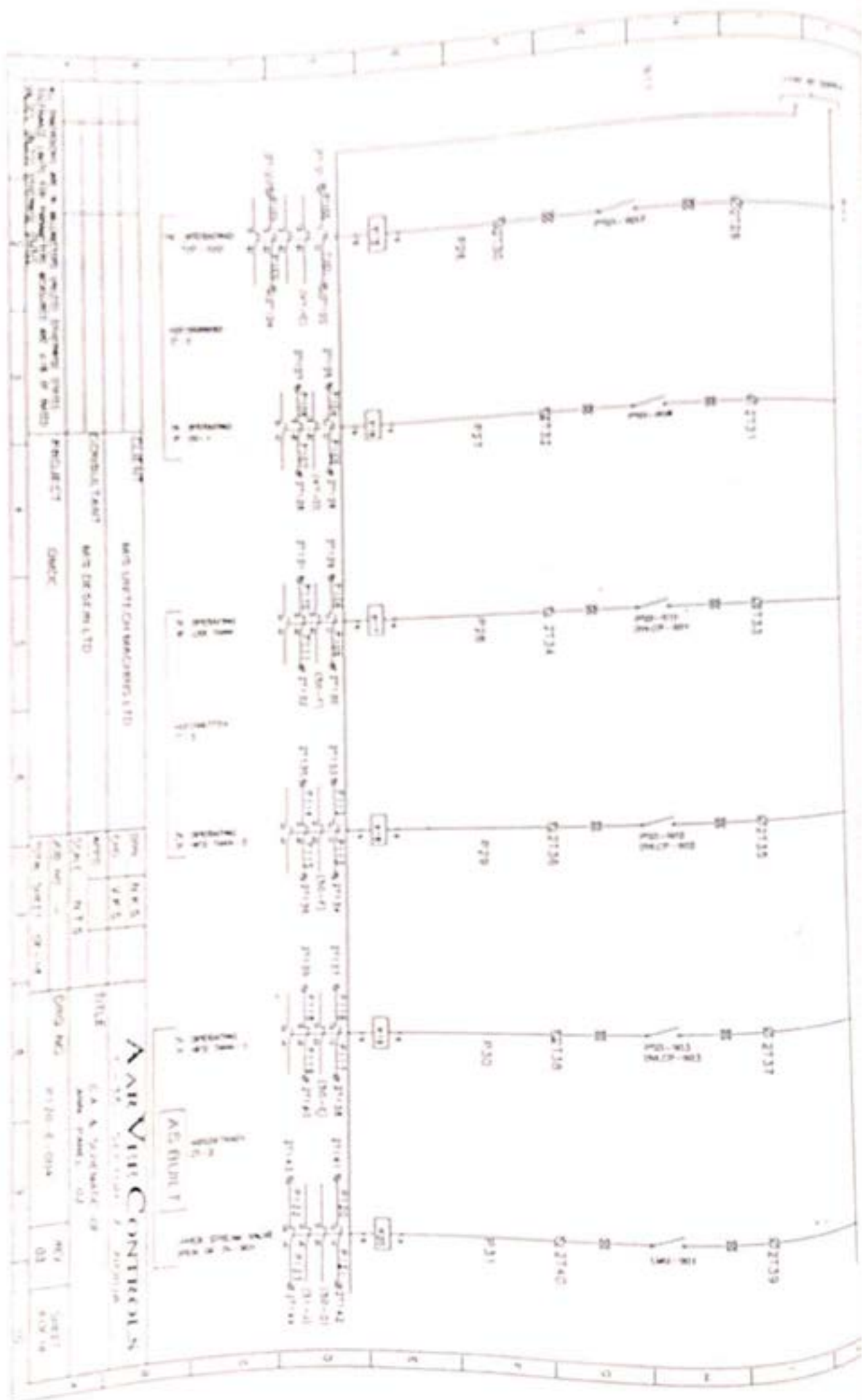
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VALUES, UNLESS OTHERWISE STATED.

CLIENT: M/S UNITECH MACHINDS LTD
 CONSULTANT: MPT/18/11/111111111
 PROJECT: GMDG

DRN	N.K.S
CHKD	V.K.S
APRD	H.H.S
DATE	11.11.15
JOB NO.	
TOTAL SHEET	OF-18

TITLE: G.A. & SCHEMATIC OF
 ANN 19881 07
 DHG I/O: P120-E-004
 DWG NO: 03
 SHEET: 7 OF 18

AS BUILT

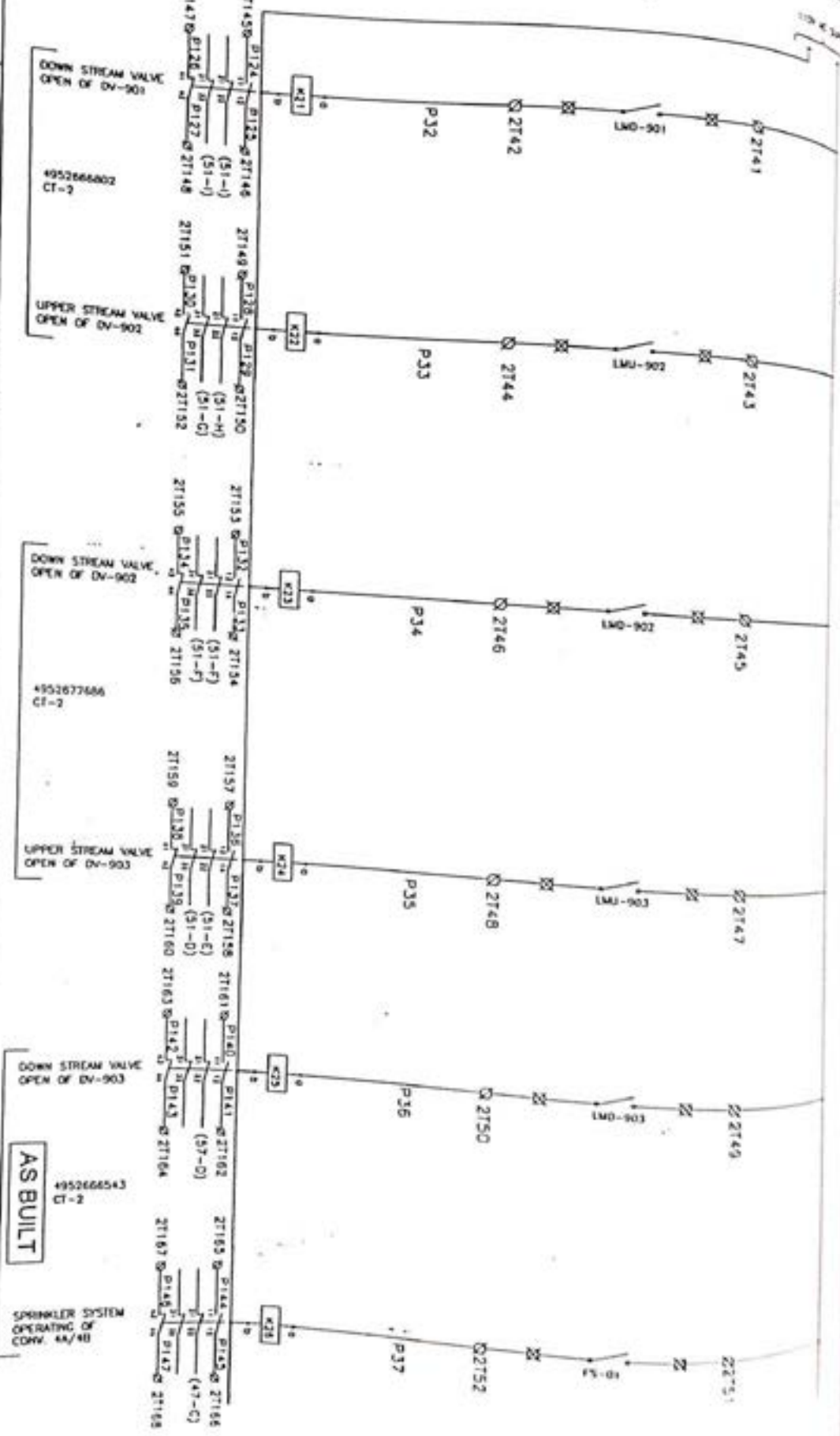


Approved for the electrical work by the Electrical Inspector on the 10th day of 1931.
 Electrical Inspector
 City of New York

CLIENT
 MRS. JAMES C. WATSON, LTD.
 100 WEST 42ND STREET, N.Y.C.
 PROJECT
 MRS. WATSON, LTD.
 ARCHT.
 C. W. COOK

DATE
 10-10-31
 DRAWN BY
 J. W. COOK
 CHECKED BY
 J. W. COOK
 TITLE
 WIRING PLAN
 A.C. CIRCUIT

AIR VOLT CONTROLS
 110 VOLT
 15 AMP
 60 HZ
 A.C. CIRCUIT



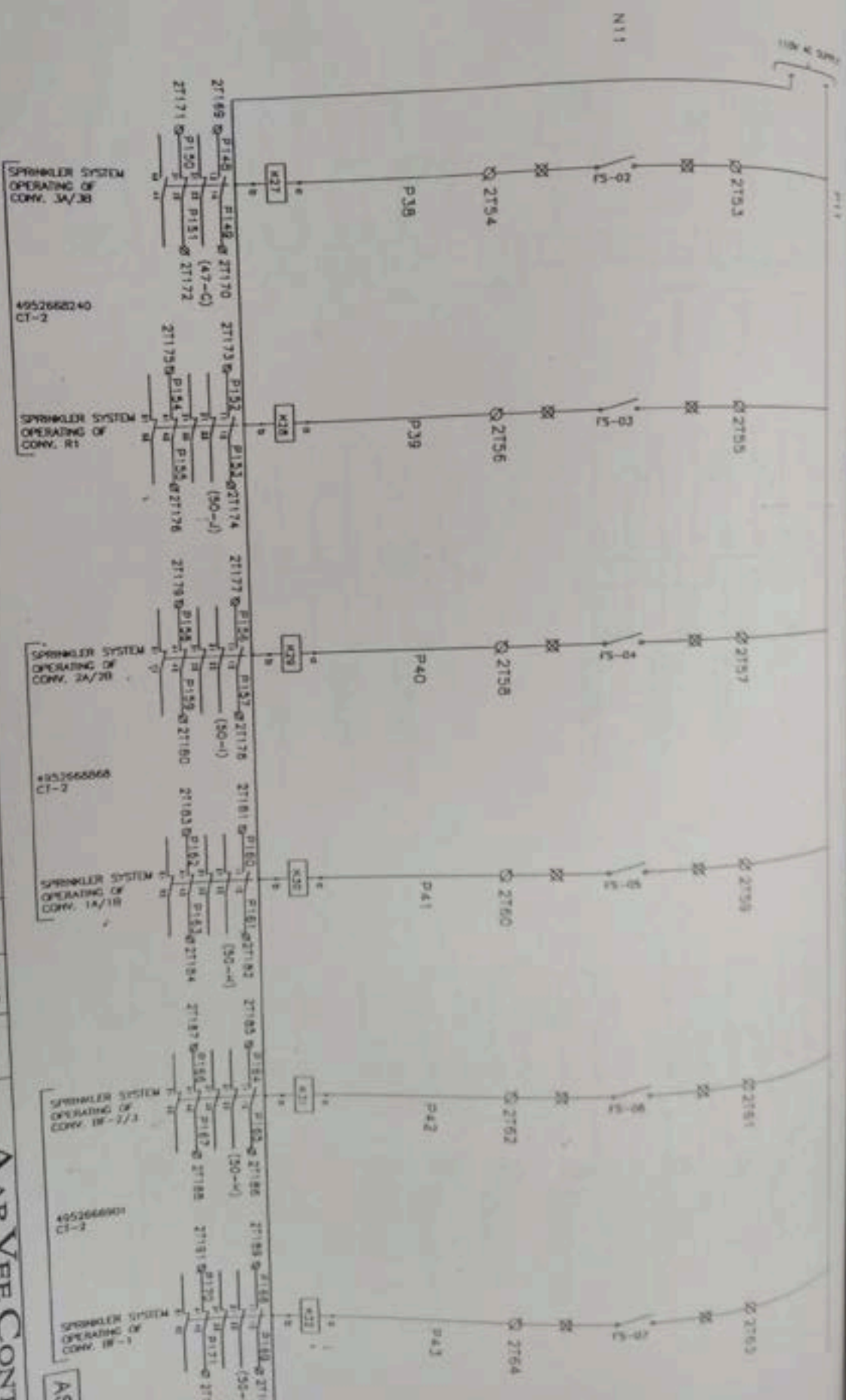
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
 TOLERANCE LIMITS FOR DIMENSIONS MEASURED ARE ±1% OF RATED
 VALUES UNLESS OTHERWISE STATED

CLIENT: M/S UNITECH MACHINS LTD
 CONSULTANT: M/S DESEIN LTD
 PROJECT: GMDC

DRN. N.K.S.
 CHD. V.K.S.
 APPD. N.T.S.
 SCALE N.T.S.
 JOB NO. --
 TOTAL SHEET OF-18

PAR VEE CONTROLS
 C-35 SECTOR-7 NOIDA
 G.A. & SCHEMATIC OF
 ANN. PANEL -02
 DRG. NO. P120-E-004
 REV. 03
 SHEET 9 OF 18

AS BUILT
 952666543
 I-2
 SYSTEM RETRIEVED
 5/00



CLIENT: M/S UNITECH MACHINS LTD
 CONSULTANT: M/S DESEIN LTD
 PROJECT: GMDC

DRN	N.K.S.
CHD	V.K.S.
Appd.	
SCALE	N.T.S.
JOB NO.	--
TOTAL SHEET	OF-18

TITLE: G.A. & SCHEMATIC OF ANN. PANEL -02
 DRG. NO.: P120-E-004