

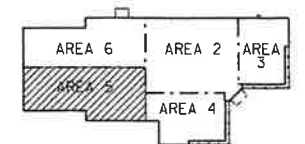
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CONTRACT	COUNTY	F.A.P. NO.	SHEET NO.	TOTAL SHEETS
	KENT			
DELAWARE TRANSIT CORP. DOVER OPERATIONS AND ADMINISTRATIVE CENTER				
REVISIONS				



KEY PLAN

100% SUBMISSION

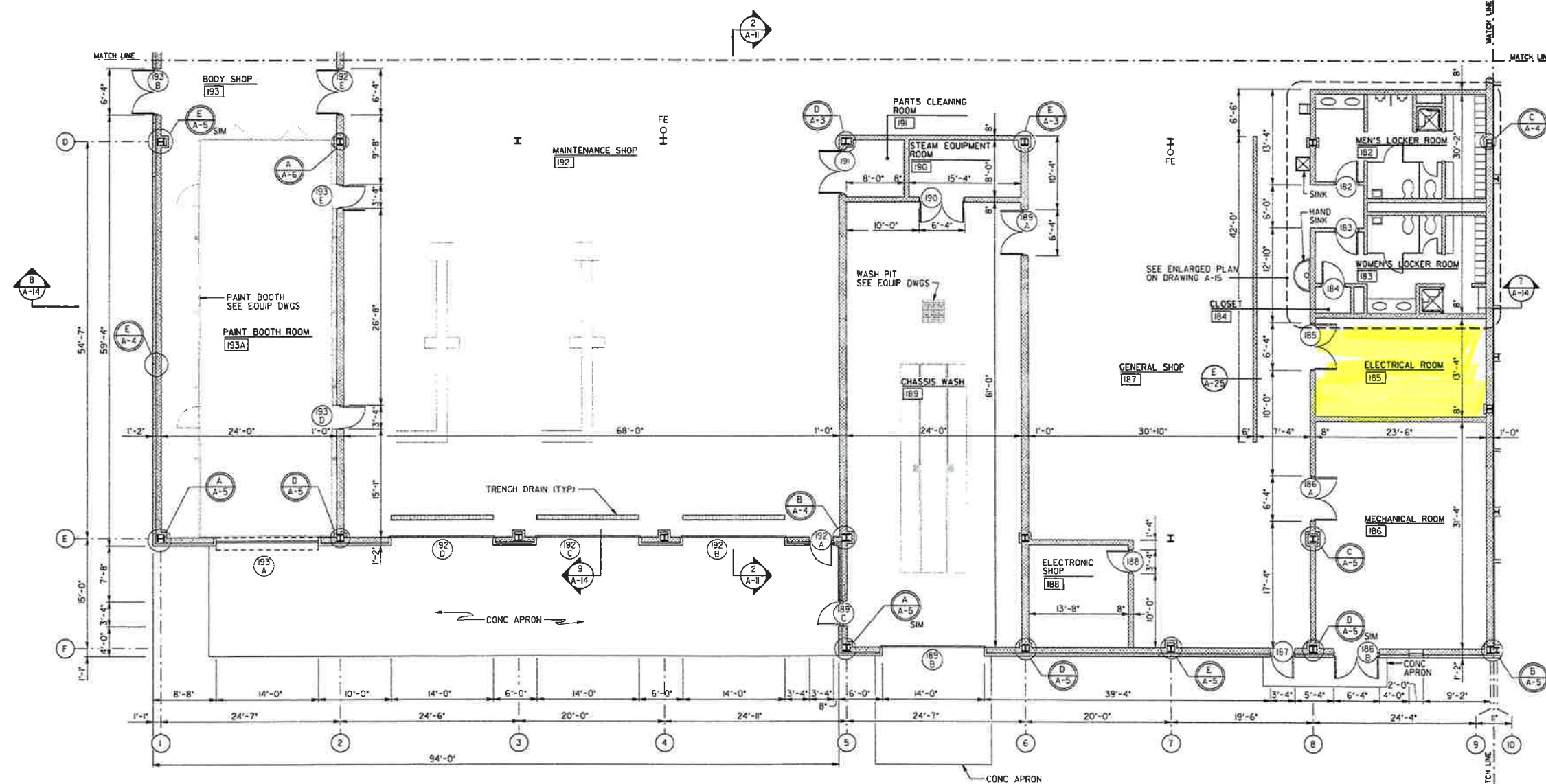
**Gannett Fleming**

OPERATIONS AND ADMINISTRATION BUILDING

DRAWING TITLE

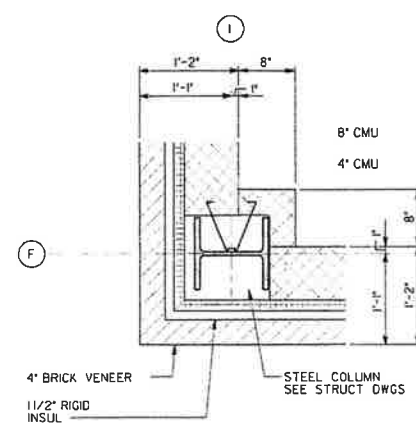
**PARTIAL FLOOR PLAN
AREA 5 AND DETAILS**

DATE FEBRUARY 18, 2000	SCALE 1/8" = 1'-0"	DRAWING NO. A-5
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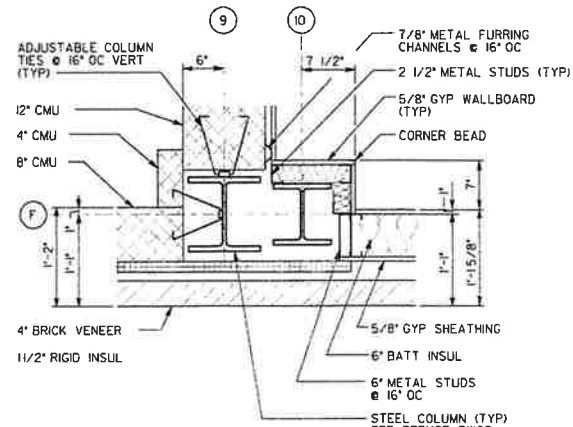
PARTIAL FLOOR PLAN

SCALE: 1/8" = 1'-0"



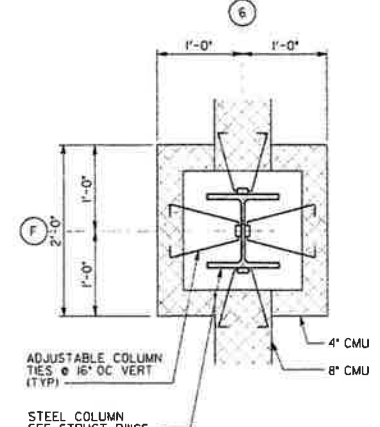
DETAIL

SCALE: 1"=1'-0"



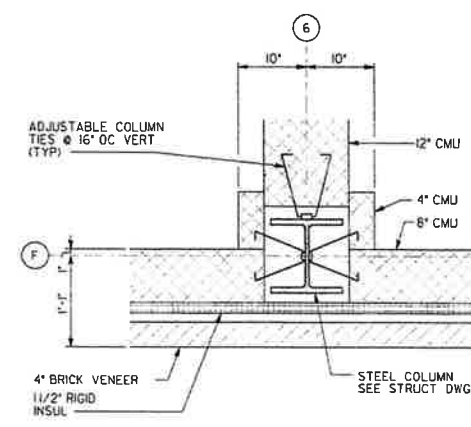
DETAIL

SCALE: 1"=1'-0"



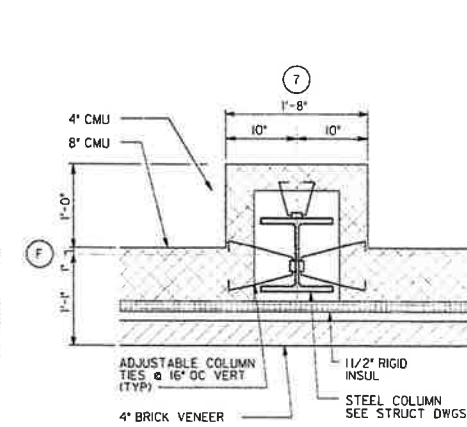
DETAIL

SCALE: 1"=1'-0"



DETAIL

SCALE: 1"=1'-0"



DETAIL

SCALE: 1"=1'-0"

DELAWARE TRANSIT CORP.
DOVER OPERATIONS AND
ADMINISTRATIVE CENTER

REVISIONS

PANEL 'H1' SCHEDULE																	
VOLTAGE: 480/277		PHASE: 3		WIRE: 4		BUS: 600A		MAIN LUG ONLY: 600A		AC: 65K							
LOCATION: ELECTRICAL ROOM 185		MOUNTING: SURFACE		ENCLOSURE: NEMA 1													
CKT. NO.	EQUIPMENT SERVED	LOAD (KVA)			WIRING (NO.-ANG. SIZE)			CKT. NO.	EQUIPMENT SERVED	LOAD (KVA)			WIRING (NO.-ANG. SIZE)				
		A#	B#	C#	PH	NEUT	GRD			CONC	A#	B#	C#	PH	NEUT	GRD	CONC
		2.20								1.73							
3	MU-1, MU-2, MU-3, MU-4	2.20			3	15	3-12	-	1-12	3/4							
		2.20								1.73							
		0.77								0.77							
5	MU-7, AND EF-MU-7	0.77			3	15	3-12	-	1-12	3/4							
		0.77								0.77							
15	MU-9 AND EF-MU-9	0.77			3	15	3-12	-	1-12	3/4							
		0.77								0.77							
		0.77								0.77							
16	MU-10 AND EF-MU-10	0.77			3	15	3-12	-	1-12	3/4							
		0.77								0.77							
		12.50								12.50							
22	SPARE	3.90			3	15	-	-	-	-							
		3.90								3.90							
27	INGROUND LIFT (V-1)	3.90			3	30	3-10	-	1-10	3/4							
		3.90								3.90							
		26.60								36.50							
33	VEHICLE WASHER (W-1)	26.60			3	150	3-3/1-3/0	1-6	2-1/2								
		26.60								36.50							
37	SPARE				1	-	-	-	-	-							
39	SPARE				1	-	-	-	-	-							
41	SPARE				1	-	-	-	-	-							
SUB-TOTALS		34.24	34.24	34.24	SUB-TOTALS 36.22, 36.22, 36.24, 77.2												
CONNECTED LOAD:																	
A# 30.48KVA																	
B# 30.48KVA																	
C# 30.48KVA																	

PANEL 'H1A' SCHEDULE

VOLTAGE: 480/277 PHASE: 3 SURFACE WIRE: 4 ENCLOSURE: NEMA 1 BUS: 225A MAIN LUG ONLY: 225A AC: 65K
 LOCATION: ELECTRICAL ROOM 185 MOUNTING: SURFACE

CKT. NO.	EQUIPMENT SERVED	LOAD (KVA)			CKT. BRK. 100% (AMP)	WIRING (NO.-ANG. SIZE)				CKT. NO.	EQUIPMENT SERVED	LOAD (KVA)			CKT. BRK. 100% (AMP)	WIRING (NO.-ANG. SIZE)			
		AP	BP	CP		PH	NEUT	GRD	(INCH)			AP	BP	CP		PH	NEUT	GRD	(INCH)
3	COMPRESSOR C-2	5.82			3	40	3-8		3-10 3/4	4	VEHICLE EXHAUST BLO V-6	1.33			3	15	3-12		1-12 3/4
		5.82										1.33							
6	MOBILE LIFT (V-3)	1.33			3	15	3-12		1-12 3/4	10	MOBILE LIFT (V-2)	1.33			3	15	3-12		1-12 3/4
		1.33										1.33							
15	VEHICLE EXHAUST BLO V-8	1.33			3	15	3-12		1-12 3/4	16	DOCK LEVELER P-3	0.58			3	15	3-12		1-12 3/4
		1.33										0.58							
21	PAINT BOOTH CTRL PNL B-1	11.10			3	60	3-4	1-2	1-8 3/4	22	COMPRESSOR C-1	3.9			3	35	3-8		1-10 3/4
		11.10										3.9							
27	DOORS 193A, 192D, 192C	2.5			3	20	3-12		1-12 3/4	28	DOORS 192B, 192C, 192D, 192E	3.33			3	20	3-12		1-12 3/4
		2.5								30		3.33							
33	DOORS 193C, 192A, 192H	2.5			3	20	3-12		1-12 3/4	32	EXTERIOR WALL LTS	1.5			1	20	1-10	1-10	1-10 3/4
		2.5								34	EXTERIOR WALL LTS	1.5			1	20	1-10	1-10	1-10 3/4
37	SPACE									36	SPACE								
39	SPACE									38	SPACE								
41	SPACE									40	SPACE								
										42	SPACE								
SUB-TOTALS		24.50	24.50	24.50						SUB-TOTALS		11.97	11.97	11.97					

CONNECTED LOAD:

AP: 36.55KVA

BP: 36.55KVA

CP: 36.55KVA

PANEL 'H4' SCHEDULE

VOLTAGE: 480 / 277 PHASE: 3 WIRE: 4 BUS: 400A MAIN LUG ONLY: 400A AC: 65K
 LOCATION: ELECTRICAL ROOM 111 MOUNTING: SURFACE ENCLOSURE: NEMA 1

CKT. NO.	EQUIPMENT SERVED	LOAD (KVA)			WIRING (NO.-ANG. SIZE)			COND. (INCH)	CKT. NO.	EQUIPMENT SERVED	LOAD (KVA)			WIRING (NO.-ANG. SIZE)			COND. (INCH)					
		AP	BP	CP	P	PH	NEUT.	GRD.			AP	BP	CP	P	PH	NEUT.	GRD.					
1	LT RES RM 147/ELEC RM 111	2.22			1	20	1-12	1-12	3/4	2	LT RMS 151 & 154	1.80			1	20	1-12	1-12	3/4			
3	LT RMS 147, 152, 153	1.78			1	20	1-12	1-12	1-12	3/4	4	LT RMS 148, 149, 150	0.96			1	20	1-12	1-12	3/4		
5	LT RMS 182, 183, 185, 186				3.34	1	20	1-12	1-12	1-12	3/4	6	SITE LIGHTING-MAN ENT		1.25		1	20	1-10	1-10	1	
9	TRANSFORMER T4	50.76								8	LT COMP RM 129	1.44			1	20	1-12	1-12	3/4			
		57.44			3	300	3-500		1-4	2	1-2	10	AREA 2 NITE/EM LIT	2.1			1	20	1-12	1-12	3/4	
13	EXTERIOR DOOR LIT	0.9			1	20	1-12	1-12	1-12	3/4	12	LITG - VESTIBULE		2.2	1	20	1-12	1-12	1-12	3/4		
					1.54	1	20	1-12	1-12	1-12	3/4	14	AREA 3 NITE/EM LIT	0.9			1	20	1-12	1-12	1-12	3/4
15	AREA 4 NITE/ EM LIT				1	20	1-12	1-12	1-12	3/4	16	AREA 5 & 6 EXT LIT	0.4			1	20	1-12	1-12	1-12	3/4	
17	SPARE				1	20				18	SPARE				1	20						
19	SPARE				1	20				20	SPARE				1	20						
21	SPARE				1	20				22	SPARE				1	20						
23	SPARE				1	20				24	SPARE				1	20						
25	SPARE				1	20				26	SPARE				1	20						
27	SPARE				1	20				28	SPARE				1	20						
29	SPARE				1	20				30	SPARE				1	20						
31	SPACE				1					32	SPACE				1							
33	SPACE				1					34	SPACE				1							
35	SPACE				1					36	SPACE				1							
37	SPACE				1					38	SPACE				1							
39	SPACE				1					40	SPACE				1							
41	SPACE				1					42	SPACE				1							
SUB-TOTALS		63.88	63.88	63.88						SUB-TOTALS		4.14	4.14	4.14								

CONNECTED LOAD:

AP: 68.02KVA
 BP: 64.24KVA
 CP: 66.51KVA

PANEL 'H2' SCHEDULE

VOLTAGE: 480/277 PHASE: 3 WIRE: 4 BUS: 600A MAIN LUG ONLY: 600A AC: 65K
 LOCATION: ELECTRICAL ROOM 185 MOUNTING: SURFACE ENCLOSURE: NEMA 1

CKT. NO.	EQUIPMENT SERVED	LOAD (KVA)			WIRING (NO.-ANG. SIZE)			CKT. NO.	EQUIPMENT SERVED	LOAD (KVA)			WIRING (NO.-ANG. SIZE)								
		AP	BP	CP	PH	NEUT.	GRD.			CONC. (INCH)	AP	BP	CP	PH	NEUT.	GRD.	CONC. (INCH)				
3	MU-11 AND EF-MU-11	0.77			3	15	3-12		4	EF-MU-1, 3, 5	0.91			3	15	3-12		1-12	3/4		
9	EF-MU-4, EF-MU-6	0.61			3	15	3-12		10	PUMP-1	1.33			3	15	3-12		1-12	3/4		
15	PUMP-2	1.33			3	15	3-12		16	PUMP-3	0.30			3	15	3-12		1-12	3/4		
21	TRANSFORMER T-1/2	50.38			3	300	3-350		22	WELDING OUTLET	12.50			1	20	1-12	1-12	1-12	3/4		
27	PANELBOARD 'H2A'	20.84			3	150	3-10/1-10/1-6	1-1/2	28	DOORS 300A & 300B	1.67			3	15	3-12		1-12	1"		
31	PARKING LOT LIT	1.5			1	20	1-10	1-10	1-10	1	32	PARKING LOT LIT	0.83			1	20	1-10	1-10	1-10	1
33	PARKING LOT LIT	1.25			1	20	1-10	1-10	1-10	1	34	PARKING LOT LIT	0.83			1	20	1-10	1-10	1-10	1
35	PARKING LOT LIT	1.25			1	20	1-10	1-10	1-10	1	36	PARKING LOT LIT	0.83			1	20	1-10	1-10	1-10	1
37	SPACE				1					38	SPACE				1						
39	SPACE				1					40	SPACE				1						
41	SPACE				1					42	SPACE				1						
SUB-TOTALS		78.67	78.67	78.67					SUB-TOTALS		17.54	17.54	17.54								

CONNECTED LOAD:

AP: 78.67KVA

BP: 78.67KVA

CP: 78.67KVA

AC: 65KVA

PANEL 'H2A' SCHEDULE

VOLTAGE: 480/277 PHASE: 3 WIRE: 4 BUS: 225A MAIN LUG ONLY: 225A AC: 65K
 LOCATION: CORRIDOR 185 MOUNTING: SURFACE ENCLOSURE: NEMA 1

CKT. NO.	EQUIPMENT SERVED	LOAD (KVA)			WIRING (NO.-ANG. SIZE)			Ckt. No.	EQUIPMENT SERVED	LOAD (KVA)			WIRING (NO.-ANG. SIZE)			
		AP	BP	CP	PH	NEUT.	GRD.			CON. (INCH)	AP	BP	CP	PH	NEUT.	GRD.
		3.90								3.90						
3	INGROUND LIFT (V-1)	3.90			3	30	3-10	-	1-10	3/4						
		3.90								3.90						
		1.33								1.33						
9	MOBILE LIFT (V-2)	1.33			3	15	3-12	-	1-12	3/4						
		1.33								1.33						
		2.10								2.10						
15	LARGE BRAKE LATHE (G-1)	2.10			2	15	3-12	-	1-12	3/4						
		2.10								2.10						
		0.44								0.44						
21	BENCH GRINDER 9G-B)	0.44			3	15	3-12	-	1-12	3/4						
		0.44								0.44						
		3.88								3.88						
27	CHASSIS WASH LIFT (S-1)	3.88			3	30	3-10	-	1-10	3/4						
		3.88								3.88						
31	SPARE				1	20	-	-	-	-						
33	SPARE				1	20	-	-	-	-						
35	SPARE				1	20	-	-	-	-						
37	SPACE						-	-	-	-						
39	SPACE				1	-	-	-	-	-						
41	SPACE				1	-	-	-	-	-						
SUB-TOTALS		11.65	11.65	11.65												

CKT. NO.	EQUIPMENT SERVED	LOAD (KVA)			WIRING (NO.-ANG. SIZE)			Ckt. No.	EQUIPMENT SERVED	LOAD (KVA)			WIRING (NO.-ANG. SIZE)			
		AP	BP	CP	PH	NEUT.	GRD.			CON. (INCH)	AP	BP	CP	PH	NEUT.	GRD.
		3.90								3.90						
4	INGROUND LIFT (V-1)	3.90			3	30	3-10	-	1-10	3/4						
		3.90								3.90						
		1.33								1.33						
10	MOBILE LIFT (V-2)	1.33			3	15	3-12	-	1-12	3/4						
		1.33								1.33						
		0.83								0.83						
16	DRILL PRESS (G-7)	0.83			3	15	3-12	-	1-12	3/4						
		0.83								0.83						
		1.33								1.33						
22	OVERHEAD CRANE (P-2)	1.33			3	15	3-12	-	1-12	3/4						
		1.33								1.33						
26	CHASSIS WASH LTS	1.8			1	20	1-12	1-12	1-12	3/4						
28	EXTERIOR WALL LTS	2.2			1	20	1-10	1-10	1-10	3/4						
30	SHOP FLR LTS	1.4			1	20	1-12	1-12	1-12	3/4						
32	SPARE				1	20	-	-	-	-						
34	SPARE				1	20	-	-	-	-						
36	SPARE				1	20	-	-	-	-						
38	SPACE				1	-	-	-	-	-						
40	SPACE				1	-	-	-	-	-						
42	SPACE				1	-	-	-	-	-						
SUB-TOTALS		9.19	9.59	8.99												

CONNECTED LOAD:

AP: 20.84KVA

BP: 21.24KVA

CP: 20.64KVA