

DRAWING TRANSMITTAL

GERRIE ELECTRIC WHOLESALE LTD

4104 SOUTH SERVICE RD
BURLINGTON, ON
L7L 4X5

Attention: Campoli Electric Ltd

Your Ref.: 5160004 Our Ref.: AECBUCD
Project: Foretside Estates

☐ Prints ☐ Manuals
☒ Approval ☐ Your records ☐ As built ☐ Preliminary

REMARKS:

No. COPIES	DESCRIPTION	REV. NO.	SEQUENCE#
	PanelBoards (S5)		9, 10, 11, 13, 14
	PanelBoards (P1)		16, 27, 28, 29, 30, 31, 32, 33, 34, 35
	PanelBoards (P2)		3, 12, 15, 36, 38
	PanelBoards (P3)		17, 18, 19, 20, 21, 22, 23, 24, 60, 61
	Loadcentres		25
	SWBD (FCI) (WL Brkr)		1, 2, 8

IMPORTANT: In the case of approval please obtain also the approval of the respective utility and/or inspection authority. When receiving approved drawings, we assume that such approval has been obtained, or is not required. Please indicate if approval constitutes a release for fabrication.

Usman Sharif

Project Coordinator

Tel: (289) 952-1847

- Submit to ESA and Hydro for approval
- All equipment rating to be in accordance with coordination study
- Adopt all recommendations from coordination study
- Load center to be with factory installed main breaker
- Contractor to confirm review checklist

United Engineering Inc.	
PROFESSIONAL CONSULTING ENGINEERS	
THIS SHOP DRAWING IS:	
☐ REVIEWED	
☒ REVIEWED AS MODIFIED	
☐ REVISE AND RESUBMIT	
☐ SUBMIT TO HYDRO FOR APPROVAL	
The Review of these shop drawings is for general design only and shall not relieve the contractor from conforming to the contract drawings and specifications.	
All dimensions and sizes shall be checked.	
DATE:	CHECKED BY:
2021-04-07	MECH ELEC SP

IQS Drawing List

Seq#	Tag	Product Group	Description	Drawing Name	Notes
		Loadcentres	Loadcentres Detail	LoadcentresDetails.pdf	OK
025	[SUITE PANE]		EQL24125DW ==> EQL, MLO, 24CCT, 125A, 1PH, 120/2	LoadCenter-678.pdf	OK
003	[SUB SWBD P]	Panelboards (P1, P2, P3)	P2 54C 400A 347/600V 3PH4W	003-P2 .pdf	OK
			P2 54C 400A 347/600V 3PH4W	003-P2.pdf	OK
009	[DP-22]	Panelboards (S5, F2)	S5 30" U.S. 1200A 120/208V 3PH 4W	009-S5.pdf	OK
			S5 30" U.S. 1200A 120/208V 3PH 4W	GeneralArrangement_AECBUCD-009-1B.pdf	OK
			S5 30" U.S. 1200A 120/208V 3PH 4W	DeviceLayout_AECBUCD-009-2B-S1.pdf	OK
			S5 30" U.S. 1200A 120/208V 3PH 4W	SingleLayout_AECBUCD-009-2B-S2.pdf	OK
			S5 30" U.S. 1200A 120/208V 3PH 4W	LugSizeTable_AECBUCD-009.pdf	OK
010	[DP23]	Panelboards (S5, F2)	S5 45" U.S. 1200A 120/208V 3PH 4W	010-S5.pdf	OK
			S5 45" U.S. 1200A 120/208V 3PH 4W	GeneralArrangement_AECBUCD-010-1B.pdf	OK
			S5 45" U.S. 1200A 120/208V 3PH 4W	DeviceLayout_AECBUCD-010-2B-S1.pdf	OK
			S5 45" U.S. 1200A 120/208V 3PH 4W	SingleLayout_AECBUCD-010-2B-S2.pdf	OK
			S5 45" U.S. 1200A 120/208V 3PH 4W	LugSizeTable_AECBUCD-010.pdf	OK
011	[DP24]	Panelboards (S5, F2)	S5 30" U.S. 1200A 120/208V 3PH 4W	011-S5.pdf	OK
			S5 30" U.S. 1200A 120/208V 3PH 4W	GeneralArrangement_AECBUCD-011-1B.pdf	OK
			S5 30" U.S. 1200A 120/208V 3PH 4W	DeviceLayout_AECBUCD-011-2B-S1.pdf	OK
			S5 30" U.S. 1200A 120/208V 3PH 4W	SingleLayout_AECBUCD-011-2B-S2.pdf	OK
			S5 30" U.S. 1200A 120/208V 3PH 4W	LugSizeTable_AECBUCD-011.pdf	OK
012	[DPE61]	Panelboards (P1, P2, P3)	P2 30C 400A 347/600V 3PH4W	012-P2 .pdf	OK
			P2 30C 400A 347/600V 3PH4W	012-P2.pdf	OK
013	[DP25]	Panelboards (S5, F2)	S5 30" U.S. 1200A 120/208V 3PH 4W	013-S5.pdf	OK
			S5 30" U.S. 1200A 120/208V 3PH 4W	GeneralArrangement_AECBUCD-013-1B.pdf	OK
			S5 30" U.S. 1200A 120/208V 3PH 4W	DeviceLayout_AECBUCD-013-2B-S1.pdf	OK
			S5 30" U.S. 1200A 120/208V 3PH 4W	SingleLayout_AECBUCD-013-2B-S2.pdf	OK
			S5 30" U.S. 1200A 120/208V 3PH 4W	LugSizeTable_AECBUCD-013.pdf	OK

IQS Drawing List

Seq#	Tag	Product Group	Description	Drawing Name	Notes
014	[DP26]	Panelboards (S5, F2)	S5 45" U.S. 1200A 120/208V 3PH 4W	014-S5.pdf	OK
			S5 45" U.S. 1200A 120/208V 3PH 4W	GeneralArrangement_AECBUCD-014-1B.pdf	OK
			S5 45" U.S. 1200A 120/208V 3PH 4W	DeviceLayout_AECBUCD-014-2B-S1.pdf	OK
			S5 45" U.S. 1200A 120/208V 3PH 4W	SingleLayout_AECBUCD-014-2B-S2.pdf	OK
			S5 45" U.S. 1200A 120/208V 3PH 4W	LugSizeTable_AECBUCD-014.pdf	OK
015	[SP61]	Panelboards (P1, P2, P3)	P2 18C 125A 347/600V 3PH4W	015-P2 .pdf	OK
			P2 18C 125A 347/600V 3PH4W	015-P2.pdf	OK
016	[DPE21]	Panelboards (P1, P2, P3)	P1 42C 400A 120/208V 3PH4W	016-P1 .pdf	OK
			P1 42C 400A 120/208V 3PH4W	016-P1.pdf	OK
017	[R1]	Panelboards (P1, P2, P3)	P3 54C 600A 120/208V 3PH4W+TUB+TRIM	017-P3 .pdf	OK
			P3 54C 600A 120/208V 3PH4W+TUB+TRIM	017-P3.pdf	OK
018	[R2]	Panelboards (P1, P2, P3)	P3 54C 600A 120/208V 3PH4W+TUB+TRIM	018-P3 .pdf	OK
			P3 54C 600A 120/208V 3PH4W+TUB+TRIM	018-P3.pdf	OK
019	[R3]	Panelboards (P1, P2, P3)	P3 54C 600A 120/208V 3PH4W+TUB+TRIM	019-P3 .pdf	OK
			P3 54C 600A 120/208V 3PH4W+TUB+TRIM	019-P3.pdf	OK
020	[R4]	Panelboards (P1, P2, P3)	P3 54C 600A 120/208V 3PH4W+TUB+TRIM	020-P3 .pdf	OK
			P3 54C 600A 120/208V 3PH4W+TUB+TRIM	020-P3.pdf	OK
021	[R5]	Panelboards (P1, P2, P3)	P3 54C 600A 120/208V 3PH4W+TUB+TRIM	021-P3 .pdf	OK
			P3 54C 600A 120/208V 3PH4W+TUB+TRIM	021-P3.pdf	OK
022	[R6]	Panelboards (P1, P2, P3)	P3 54C 600A 120/208V 3PH4W+TUB+TRIM	022-P3 .pdf	OK
			P3 54C 600A 120/208V 3PH4W+TUB+TRIM	022-P3.pdf	OK
023	[R7]	Panelboards (P1, P2, P3)	P3 54C 600A 120/208V 3PH4W+TUB+TRIM	023-P3 .pdf	OK
			P3 54C 600A 120/208V 3PH4W+TUB+TRIM	023-P3.pdf	OK
024	[R8]	Panelboards (P1, P2, P3)	P3 54C 600A 120/208V 3PH4W+TUB+TRIM	024-P3 .pdf	OK
			P3 54C 600A 120/208V 3PH4W+TUB+TRIM	024-P3.pdf	OK
027	[G120]...	Panelboards (P1, P2, P3)	P1 42C 250A 120/208V 3PH4W	027-P1 .pdf	OK

IQS Drawing List

Seq#	Tag	Product Group	Description	Drawing Name	Notes
			P1 42C 250A 120/208V 3PH4W	027-P1.pdf	OK
028	[B3]	Panelboards (P1, P2, P3)	P1 42C 400A 120/208V 3PH4W	028-P1 .pdf	OK
			P1 42C 400A 120/208V 3PH4W	028-P1.pdf	OK
029	[B2]	Panelboards (P1, P2, P3)	P1 42C 400A 120/208V 3PH4W	029-P1 .pdf	OK
			P1 42C 400A 120/208V 3PH4W	029-P1.pdf	OK
030	[B1]	Panelboards (P1, P2, P3)	P1 42C 400A 120/208V 3PH4W	030-P1 .pdf	OK
			P1 42C 400A 120/208V 3PH4W	030-P1.pdf	OK
031	[B4]	Panelboards (P1, P2, P3)	P1 42C 400A 120/208V 3PH4W	031-P1 .pdf	OK
			P1 42C 400A 120/208V 3PH4W	031-P1.pdf	OK
032	[EB1]	Panelboards (P1, P2, P3)	P1 42C 250A 120/208V 3PH4W	032-P1 .pdf	OK
			P1 42C 250A 120/208V 3PH4W	032-P1.pdf	OK
033	[EB2]	Panelboards (P1, P2, P3)	P1 42C 250A 120/208V 3PH4W	033-P1 .pdf	OK
			P1 42C 250A 120/208V 3PH4W	033-P1.pdf	OK
034	[EB3]	Panelboards (P1, P2, P3)	P1 42C 250A 120/208V 3PH4W	034-P1 .pdf	OK
			P1 42C 250A 120/208V 3PH4W	034-P1.pdf	OK
035	[EB4]	Panelboards (P1, P2, P3)	P1 42C 250A 120/208V 3PH4W	035-P1 .pdf	OK
			P1 42C 250A 120/208V 3PH4W	035-P1.pdf	OK
036	[M1]	Panelboards (P1, P2, P3)	P2 66C 400A 120/208V 3PH4W	036-P2 .pdf	OK
			P2 66C 400A 120/208V 3PH4W	036-P2.pdf	OK
038	[M2]	Panelboards (P1, P2, P3)	P2 66C 400A 120/208V 3PH4W	038-P2 .pdf	OK
			P2 66C 400A 120/208V 3PH4W	038-P2.pdf	OK
060	[R9]	Panelboards (P1, P2, P3)	P3 54C 600A 120/208V 3PH4W+TUB+TRIM	060-P3 .pdf	OK
			P3 54C 600A 120/208V 3PH4W+TUB+TRIM	060-P3.pdf	OK
061	[R10]	Panelboards (P1, P2, P3)	P3 54C 600A 120/208V 3PH4W+TUB+TRIM	061-P3 .pdf	OK
			P3 54C 600A 120/208V 3PH4W+TUB+TRIM	061-P3.pdf	OK

Approval Drawings for LoadcentresOrder # AECBUCDRevision #

Item# 25 A lot of 197 only
TAG(S):[SUITE PANEL]

General Description:

EQL, MLO, 24 CCT, 125A, 1PH 3W,120/240V, Type 1, Aluminum, Door, White

CAT#	Description	Qty per lot
----	-----	-----
	1. Loadcentre	
EQL24125DW	EQL, MLO, 24CCT, 125A, 1PH, 120/240V	1
	2. Breakers	
Q2020NC	20/20A, BRKR 10KA DUAL (1" H)	1
Q230	30A, 2P, BRKR 10KA	2
Q240	40A, 2P, BRKR 10KA	1
Q1515NC	15/15A, BRKR 10KA DUAL (1" H)	3
Q115	15A, 1P, BRKR 10KA	1
QA115AFCCSA	15A, 1P, COMBINATION AFCI BRKR 10KA	7

Loadcentres

EQL & SEQ Single Phase Main Lug & Main Breaker Loadcentres

Selection
INSTA WIRE™

Selection and Ordering Data

1
LOADCENTRES



EQL24125D



SEQ40200

EQL Loadcentres with main lugs only 1 phase 3 wire 240 V AC max.

Number of Circuits	Catalogue Number	Skid Qty.	Main Amps	Dimensions - Inches (mm)			Lug Data	Mounting Trim	Door Kit Catalogue Number	Factory Mod.
				H	W	D				
2/4	EQL260S	330	60	7 (178)	5 (127)	2 ³ / ₄ (70)	3	surface	N/A	N/A
4/8	EQL4100	90	100	12 ⁵ / ₈ (322)	6 ⁵ / ₈ (168)	3 ¹ / ₂ (90)	1	comb.	N/A	N/A
8/16	EQL8100D*	72	100	14 ⁷ / ₈ (378)	12 (305)	3 ³ / ₄ (95)	4-2/0	comb.	DK8-A	N/A
12/24	EQL12125D [Ⓢ]	45	125	16 ⁷ / ₈ (429)	12 (305)	3 ³ / ₄ (95)	4-2/0	comb.	DK12-A	①
16/32	EQL16125D [Ⓢ]	45	125	18 ⁷ / ₈ (479)	12 (305)	3 ³ / ₄ (95)	4-2/0	comb.	DK16-A	①
24/48	EQL24125D [Ⓢ]	36	125	24 ¹ / ₈ (613)	13 ¹ / ₃₂ (331)	3 ³ / ₄ (95)	4-2/0	comb.	DK24-A	①
32/64	EQL32200D	27	200	33 (838)	14 ¹ / ₄ (362)	4 (102)	6-250 MCM	comb.	DKL32-2A	①
40/80	EQL40200D	27	200	33 (838)	14 ¹ / ₄ (362)	4 (102)	6-250 MCM	comb.	DKL40-2A	①

Note: EQL8100D through EQL40200D are stocked complete with doors ***Neutral bar only on one side of panel.**

Service Entrance Loadcentres with Factory installed main breaker 1 phase 3 wire 240 V AC max.

12/24	SEQ12060SM	54	60	17 ⁵ / ₈ (448)	13 ¹ / ₈ (333)	3 ³ / ₄ (95)	6-2/0	comb.	DK1216SM-1	①
16/32	SEQ16060SM [Ⓢ]	36	60	19 ⁵ / ₈ (498)	13 ¹ / ₈ (333)	3 ³ / ₄ (95)	6-2/0	comb.	DK1216SM-1	①
24/48	SEQ24060SM [Ⓢ]	36	60	24 ¹ / ₈ (613)	13 ¹ / ₈ (333)	3 ³ / ₄ (95)	6-2/0	comb.	DK24SM-1	①
12/24	SEQ12100SM	54	100	17 ¹ / ₂ (444)	13 ¹ / ₈ (333)	3 ³ / ₄ (95)	4-2/0	comb.	DK1216SM-1	①
16/32	SEQ16100SM	36	100	19 ¹ / ₂ (494)	13 ¹ / ₈ (333)	3 ³ / ₄ (95)	4-2/0	comb.	DK1216SM-1	①
24/48	SEQ24100SM [Ⓢ]	36	100	24 ¹ / ₈ (613)	13 ¹ / ₈ (333)	3 ³ / ₄ (95)	4-2/0	comb.	DK24SM-1	①
24/48	SEQ24100SMK [■]		125							
24/48	SEQ24125SM [Ⓢ]		125							
24/48	SEQ24150 [Ⓢ]	27	150	27 (686)	14 ¹ / ₄ (362)	4 (102)	6-250 MCM	comb.	DKS24-2A	①
32/64	SEQ32100SM	27	100	27 ¹ / ₈ (689)	13 ¹ / ₈ (333)	3 ³ / ₄ (95)	4-2/0	comb.	DK32SM-1	①
32/64	SEQ32125SM	27	125	33 (838)	14 ¹ / ₄ (362)	4 (102)	6-250 MCM	comb.	DKS32-2A	①
32/64	SEQ32150	27	150	33 (838)	14 ¹ / ₄ (362)	4 (102)	6-250 MCM	comb.	DKS32-2A	①
40/80	SEQ40100	27	100	36 (914)	14 ¹ / ₄ (362)	4 (102)	6-250 MCM	comb.	DKS40-1A	①
40/80	SEQ40125	27	125	36 (914)	14 ¹ / ₄ (362)	4 (102)	6-250 MCM	comb.	DKS40-1A	①
40/80	SEQ40150	27	150	36 (914)	14 ¹ / ₄ (362)	4 (102)	6-250 MCM	comb.	DKS40-2A	①
40/80	SEQ40200 [Ⓢ]	27	200	36 (914)	14 ¹ / ₄ (362)	4 (102)	6-250 MCM	comb.	DKS40-2A	①
60/120	SEQ60200	18	200	46 (1168)	14 ¹ / ₄ (362)	4 (102)	6-250 MCM	comb.	N/A	N/A

[■] Standard SEQ24100SMK with additional knockouts to bottom plate

Note: Comb= Combination Flush/Surface mounted
Certified for use with any combination of full or half module plug-in circuit breakers.
Certified for mounting vertical, horizontal or inverted and for use with CU/AL conductors including compact stranded. All neutral bar connectors are No. 14 - No.4.

Typical circuit rating (ie. 24/48) indicates the circuit capacity of the loadcentre is 24 full module (1") breaker of 48 half-module (1/2") breakers.

① Factory modification, see next page.

Ⓢ For copper bus add suffix C to existing part number. 4 weeks delivery required.

Loadcentres

EQL & SEQ Single Phase Main Lug & Main Breaker Loadcentres

Selection and Ordering Data

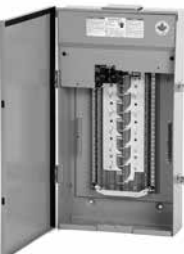
Selection
INSTA WIRE™

1
LOADCENTRES

	Factory Modifications [®]											
	Type	Description	Catalogue Number			Example			Delivery			
	EQL	White door and trim Beige door and trim	add suffix... W add suffix... B			EQL24125 DW EQL24125 DB			2 weeks			
	SEQ	Grey door installed White door and trim Beige door and trim	add suffix... D add suffix... DW add suffix... DB			SEQ24125 SMD SEQ24125 SMDW SEQ24125 SMDB						
	Door Kit	White Door kit Beige Door kit	add suffix... W add suffix... B			DK24 SM-1W DK24 SM-1B						
Note: All door kits are available in Grey, White and Beige colours.												
EQL	Copper Bus	add suffix... C			EQL24125 DC			4 weeks				



Weatherproof Loadcentre Main Lug Only, 1 phase 3 wire 120/240V AC max.											
Number of Circuits	Catalogue Number	Skid Qty.	Main Amps	Dimensions - Inches (mm)			Lug Data	Mounting Trim	Factory Mod.	Hubs (sold seperately)	
				H	W	D				Conduit size (")	Catalogue Number
8/16	EQL8100DCR*	42	100	17 ⁷ / ₈ (455)	13 ³ / ₄ (349)	5 (127)	14-2/0	surface only	N/A	3/4 1 1 1/4 1 1/2 2 2 1/2	ECHS075 ECHS100 ECHS125 ECHS150 ECHS200 ECHS250
12/24	EQL12125DCR	35	125	19 ⁷ / ₈ (505)	13 ³ / ₄ (349)	5 (127)	6-2/0	surface only	N/A		
16/32	EQL16125DCR	35	125	21 ⁷ / ₈ (556)	13 ³ / ₄ (349)	5 (127)	6-2/0	surface only	N/A		
24/48	EQL24125DCR	28	125	24 ⁷ / ₈ (632)	13 ³ / ₄ (349)	5 (127)	6-2/0	surface only	N/A		
32/64	EQL32200DCR	21	200	27 ⁵ / ₈ (701)	15 (381)	5 (127)	6-250 MCM	surface only	N/A		
40/80	EQL40200DCR	21	200	33 ⁵ / ₈ (853)	15 (381)	5 (127)	6-250 MCM	surface only	N/A		
* Neutral bar only on one side of panel.											



SEQ Type 3R Weatherproof Loadcentre with Factory installed main breaker 1 phase 3 wire 240V AC max.											
Number of Circuits	Catalogue Number	Skid Qty.	Main Amps	Dimensions - Inches (mm)			Lug Data	Mounting Trim	Factory Mod.	Hubs (sold seperately)	
				H	W	D				Conduit size (")	Catalogue Number
16/32	SEQ16100SMCR	35	100	21 ⁵ / ₈ (549)	13 ⁹ / ₁₆ (345)	5 (127)	6-2/0	surface only	N/A	3/4 1 1 1/4 1 1/2 2 2 1/2	ECHS075 ECHS100 ECHS125 ECHS150 ECHS200 ECHS250
24/48	SEQ24100SMCR	28	100	24 ⁵ / ₈ (625)	13 ⁹ / ₁₆ (345)	5 (127)	6-2/0	surface only	N/A		
24/48	SEQ24125SMCR	28	125	24 ⁵ / ₈ (625)	13 ⁹ / ₁₆ (345)	5 (127)	6-2/0	surface only	N/A		
24/48	SEQ24200CR	21	200	27 ¹ / ₂ (699)	15 (381)	5 (127)	6-250 MCM	surface only	N/A		
32/64	SEQ32100SMCR	21	100	28 ⁵ / ₈ (726)	13 ⁹ / ₁₆ (345)	5 (127)	6-2/0	surface only	N/A		
32/64	SEQ32125SMCR	21	125	28 ⁵ / ₈ (726)	13 ⁹ / ₁₆ (345)	5 (127)	6-2/0	surface only	N/A		
32/64	SEQ32150CR	21	150	33 ¹ / ₂ (851)	15 (381)	5 (127)	6-250 MCM	surface only	N/A		
32/64	SEQ32200CR	21	200	33 ¹ / ₂ (851)	15 (381)	5 (127)	6-250 MCM	surface only	N/A		
40/80	SEQ40150CR	21	150	36 ¹ / ₂ (927)	15 (381)	5 (127)	6-250 MCM	surface only	N/A		
40/80	SEQ40200CR	21	200	36 ¹ / ₂ (927)	15 (381)	5 (127)	6-250 MCM	surface only	N/A		
Note: Both SEQ and EQL weatherproof panels are stocked complete with gasketed hinged door for improved weatherproof protection. All SEQ and EQL Type 3R panels come standard with copper bus.											

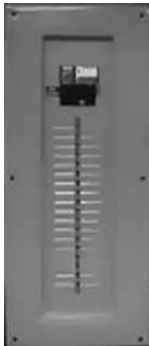
Loadcentres

EQL & SEQ Single Phase Main Lug & Main Breaker Loadcentres (continued)

Selection

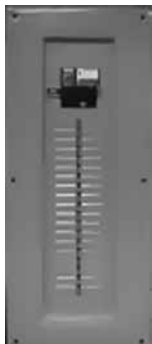
Selection and Ordering Data

1
LOADCENTRES



SEQ38200U

Dual Listed/cULus Loadcentres 120/240V 1 phase 3 Wire									
Number of Circuits	Catalogue Number	Skid Qty.	Main Amps	Dimensions - Inches (mm)			Lug Data	Mounting Trim	Door Kit Catalogue Number
				H	W	D			
38	SEQ38100U	27	100	36 (362)	14 ^{1/4} (362)	4 (102)	6-250MCM	comb.	DKS38-1A
	SEQ38125U	27	125						
	SEQ38150U	27	150						
	SEQ38200U	27	200						DKS38-2A
Branch breakers: Only 1" full module breakers that are both UL & CSA certified are allowed to be installed in this loadcentre; 1/2" twin and quad branch breakers must not be used as per NEC 384-14(a) and NEC-384-15. Consult Siemens Sales Rep. for details. Application benefit: Allows modular home builders who have businesses in both US & Canada to carry only one line of inventory.									



SEQ38200U

Approval Drawings for PanelBoard

Order # AECBUCD
Revision #

Item# 3

TAG(S):[SUB SWBD PNL]

QTY 1 only P2 54 CCT'S Tin Plated Aluminum Bottom Entry
347/600V 3PH 4W 400A SC=22KA Surface Mounted

Tub: DSB52056
Trim: S56B
Interior:

Main device:MLO
Branch device: 3 HGB2 3 Pole 30A US2:HGB3K030B
1 HGB2 3 Pole 40A US2:HGB3K040B
11 HGB2 3 Pole 15A US2:HGB3K015B
3 GB2 1 Pole PROV
6 1 Pole SPACE

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections

Confirm branch device
configuration

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Panel Box Size : Height: 56.00" Width: 20.00" Depth: 5.75"

400A MLO 3Ø 4W

1	1/SPACE	1/SPACE	2	
3	1/SPACE	1/SPACE	4	
5	1/SPACE	1/SPACE	6	
7	▶	1/PROV	▶	8 3"[76] A
9	▶	1/PROV	▶	10 GB2 B
11	▶	1/PROV	▶	12 MTG C
13	▶		▶	14 3"[76] A
15	▶		▶	16 GB2 B
17	▶	HGB2,3P,15A	▶	18 MTG C
19	▶		▶	20 3"[76] A
21	▶		▶	22 GB2 B
23	▶	HGB2,3P,15A	▶	24 MTG C
25	▶		▶	26 3"[76] A
27	▶		▶	28 GB2 B
29	▶	HGB2,3P,15A	▶	30 MTG C
31	▶		▶	32 3"[76] A
33	▶		▶	34 GB2 B
35	▶	HGB2,3P,15A	▶	36 MTG C
37	▶		▶	38 3"[76] A
39	▶		▶	40 GB2 B
41	▶	HGB2,3P,15A	▶	42 MTG C
43	▶		▶	44 3"[76] A
45	▶		▶	46 GB2 B
47	▶	HGB2,3P,30A	▶	48 MTG C
49	▶		▶	50 3"[76] A
51	▶		▶	52 GB2 B
53	▶	HGB2,3P,40A	▶	54 MTG C
	○	○	○	

Panel Designation: [SUB SWBD PNL]

Seq # 003 Qty: 1

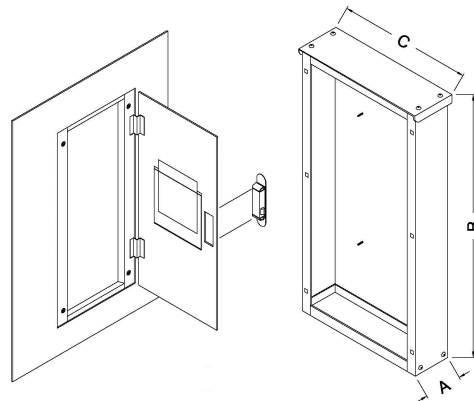
Panel type:	P2
# of circuits:	54 cct's
Catalog #:	P2L54ML400ABS
Enclosure type:	Type 2
Voltage:	347/600V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	22kA
Main bus:	400A Tin Plated Aluminum
Cables entry:	Bottom
Panel mounting:	Surface
Service entrance:	None
Main connections sizes:	(1) #2-600 MCM & (1) 1/0-250 MCM or (2) 1/0-250 MCM
Main type:	MLO on Bottom
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (3) HGB2 3/30A
 (1) HGB2 3/40A
 (11) HGB2 3/15A
 (3) GB2 1/PROV
 (6) 1/SPACE

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=5.75" [146mm] B=56.00" [1422mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoard

Order # AECBUCD

Revision #

Item# 9

TAG(S):[DP-22]

QTY 1 only S5 30" Int. Tin Plated Aluminum Top Entry
120/208V 3PH 4W 1200A SC=22KA Surface Trim
Main device:MLO

Connector Size: (4) -#1/0AWG - 750MCM

Branch device: 2 LXD6 3 Pole 500A

Filler: 1 Filler 10.00"

1 Filler 2.50"

Specifications:

Enclosure Type 2

Aluminum Ground Bus 40 Connections

S.C. : Abbreviation for Short Circuit Level

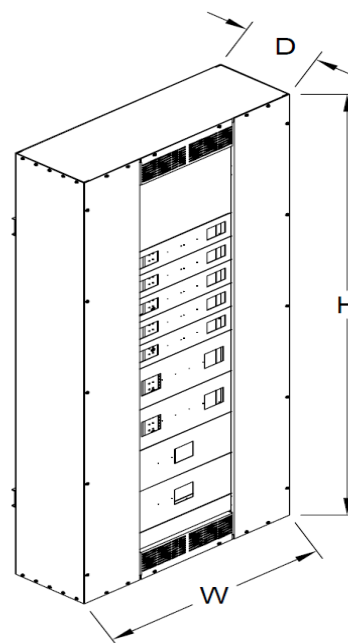
Panel Box Size : Height: 60.00" Width: 38.00" Depth: 12.75"

GENERAL SPECIFICATIONS TYPICAL PANELBOARD S5

ENCLOSURE CODE GAUGE STEEL
BLANK ENDS (NO KNOCKOUTS) REMOVABLE
GUTTERS COVERS ON FRONT.

FINISH: GREY ASA-61

PANELBOARD HAVE INTERIOR ASSEMBLED WITH
ALUMINUM BUS BARS UNLESS OTHERWISE NOTED.



MAIN BREAKER STD CONNECTORS

AMPERE RATING	CONNECTORS RANGE/PHASE
400-600A	(1,2) #3/0-500MCM CU or (1) #4/0-500MCM AL
800A	(1-3) 1/0-500MCM CU/AL
1200A	(1-3) 1/0-500MCM CU/AL

STD MAIN LUGS CONNECTORS

AMPERE RATING	CONNECTORS RANGE/PHASE
225A-400A	(1) #1/0-750MCM CU/AL or (2) #1/0-250MCM CU/AL
600A	(2) #1/0-750MCM CU/AL or (4) #1/0-250MCM CU/AL
800A	(3) #1/0-750MCM CU/AL or (6) #1/0-250MCM CU/AL
1200A	(4) #1/0-750MCM CU/AL or (8) #1/0-250MCM CU/AL

ABBREVIATIONS

TYPE	DESCRIPTION
MTG. S/F :	MOUNTING SURFACE
MAIN LUGS T/B :	MAIN INCOMING LUG AT TOP OR BOTTOM
MAIN BRK T/B :	MAIN BREAKER AT TOP OR BOTTOM
PROV. :	PROVISION WITH CONNECTOR KIT
F.T.L. :	FEED THRU. LUGS
S.F.L. :	SUB FEED LUGS
I.C. :	INTERRUPTING CAPACITY

PANELBOARD STD DIMENSIONS:

38" (965mm)W x 12.75" (324mm)D (TYPE 1 or 2).
38" (965mm)W x 14.25" (362mm)D (TYPE 3 or 12).

WEIGHT (Approximate):

Total panelboard weight when filled with a normal quantity of breakers and accessories is about 10 lbs. (1 kg) per inch (54g per mm) of box height.

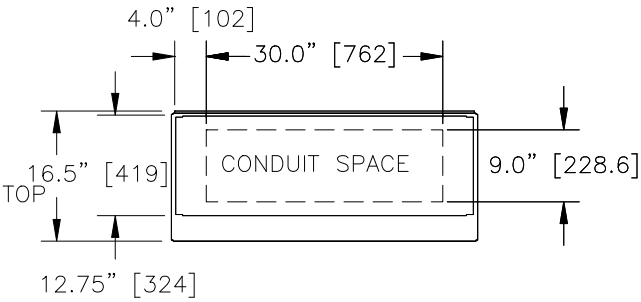
NOTES :

Seq#9 [DP-22]

Project Name: Foretside Estates Attmar & Palleschi Drive	S.O. : AECBUCD	Date: dd/mm/yyyy 25-03-2021
	P.O. : 5160004	Rev:
Customer: GERRIE ELECTRIC WHOLESALE LTD		

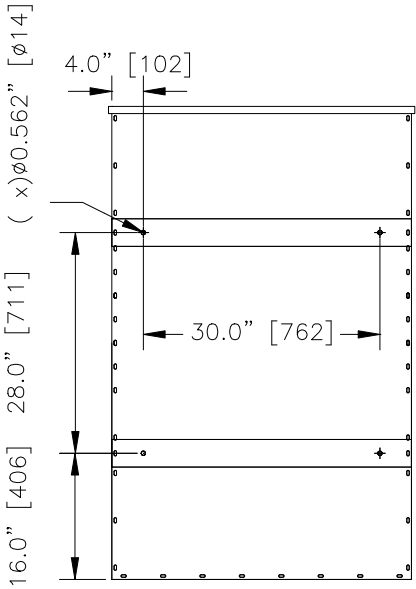
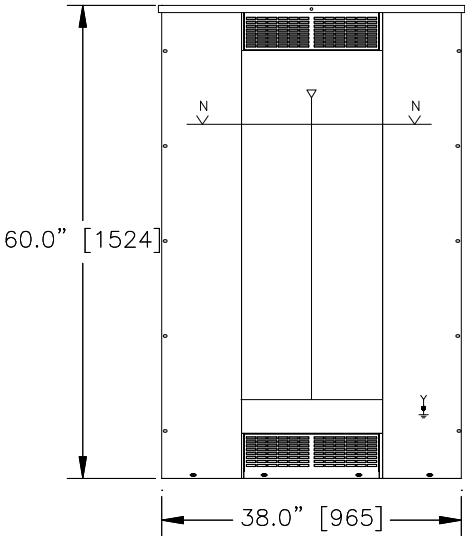
S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING.
FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED
FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION.
CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

PLAN VIEW EEMAC 2 (Dripproof)



FRONT VIEW

MTG DETAILS



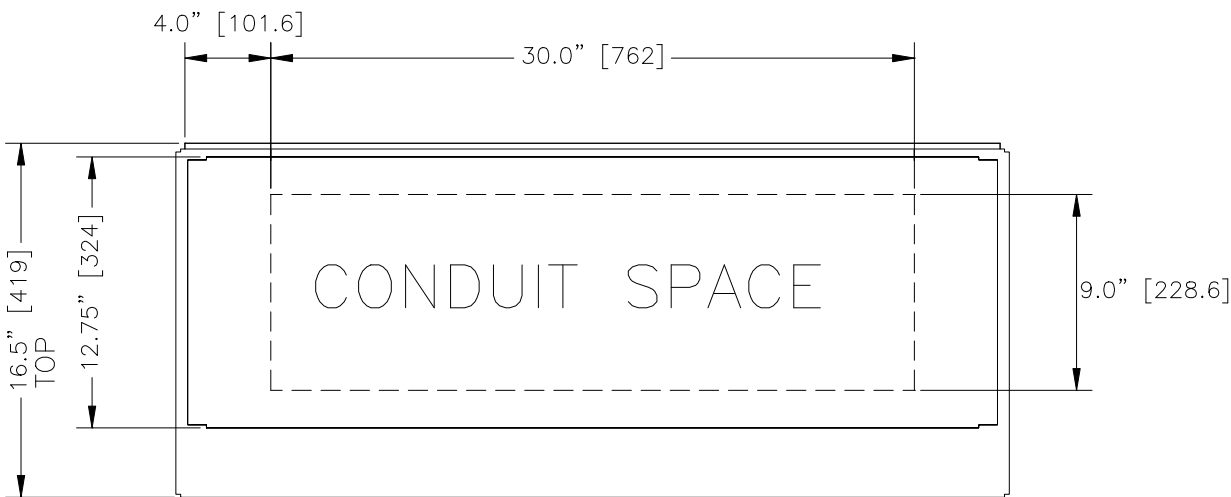
1200A

							⌂ SEAL		INCH" [MM]		TAG : [DP-22]									
REVISION			BY	DATE	CHECK	DATE	VERIF	DATE	CUSTOMER GERRIE ELECTRIC WHOLESALE LTD						SIEMENS		TITLE GENERAL ARRANGEMENT OF S5 POWER PANEL			
00) ISSUED			IQS	dd/mm/yyyy 25-03-2021													PROJECT Foretside Estates Attmar & Palleschi Drive			

S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING. FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED. FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION. CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

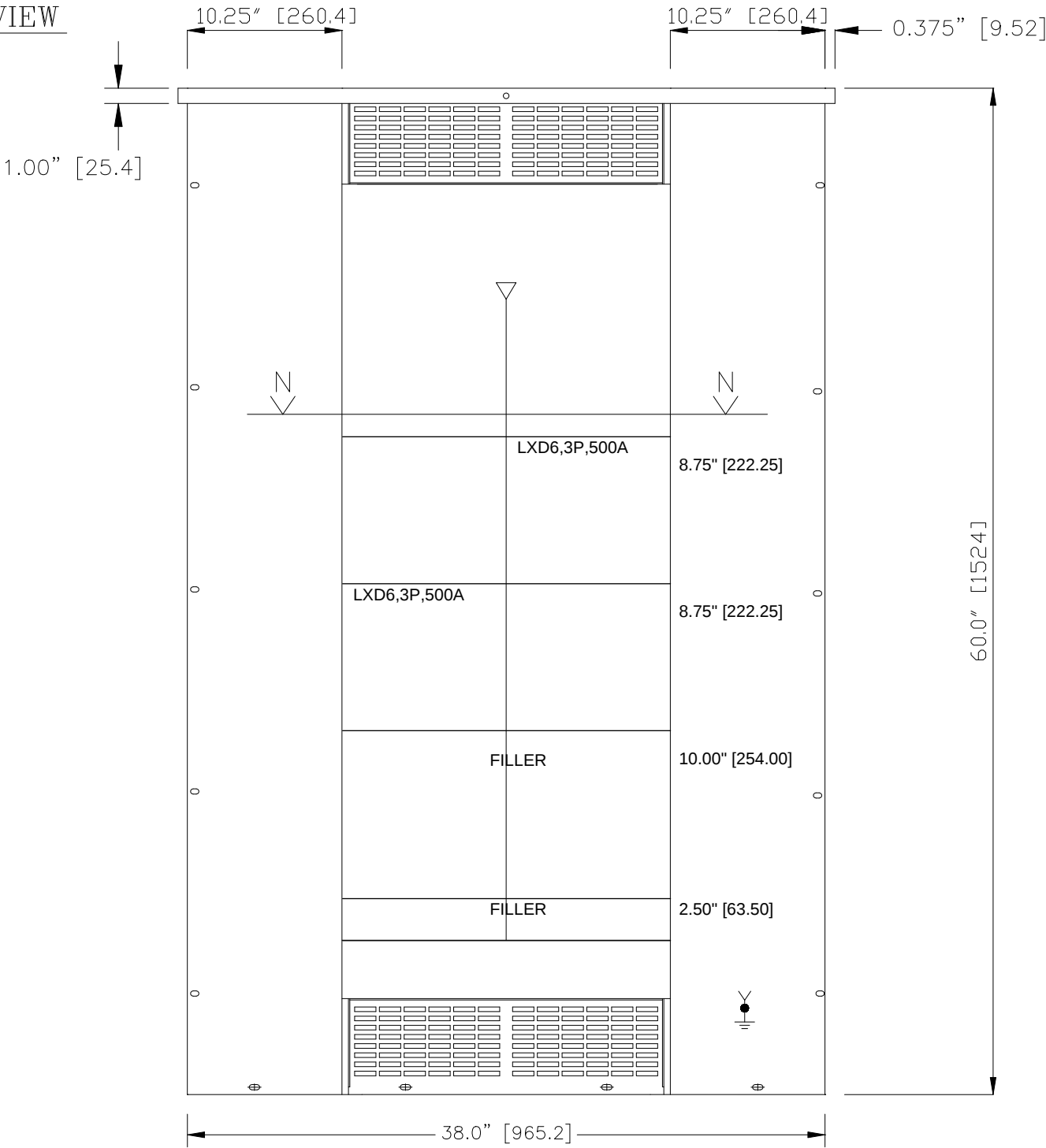
((SEAL

INCH" [MM]



TAG : [DP-22]

PLAN VIEW EEMAC 2 (Dripproof)



FRONT VIEW

INTERIOR: 30"
USED SPACE: 17.50"
AMPACITY: 1200A
SEQUENCE #: 009
SECTION #: N/A

REVISION

00) ISSUED

BY

IQS

DATE

25-03-2021

CHECK

DATE

VERIF

DATE

CUSTOMER

GERRIE ELECTRIC WHOLESALE LTD

PROJECT

Forestsides Estates Attmar & Palleschi Drive

SIEMENS

TITLE INTERIOR DEVICES LAYOUT

REF S5 OF S5 POWERPANEL

REF

S5

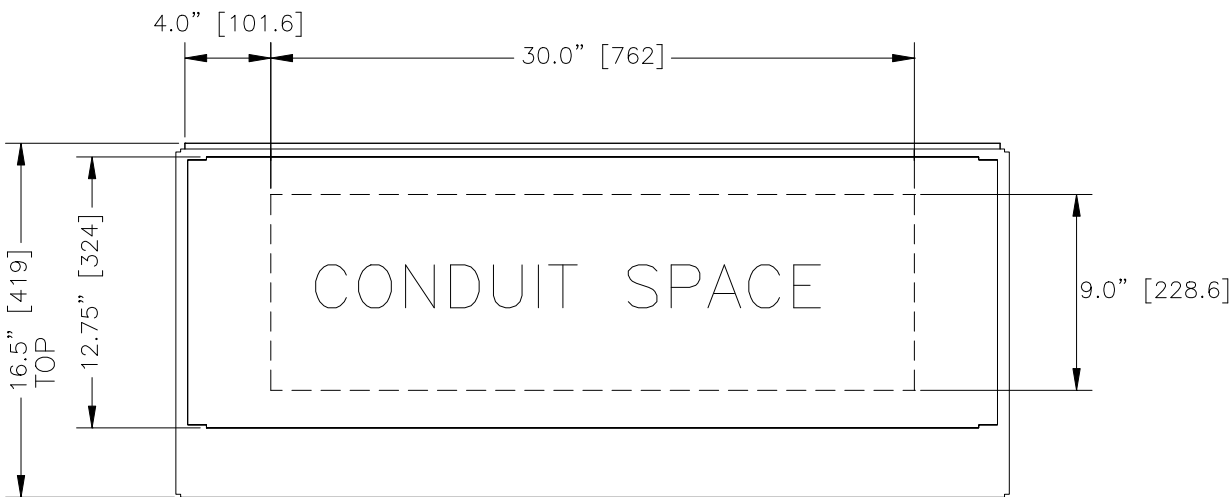
1 OF 2

DRAWING No.

AECBUCD-009-2B-S1

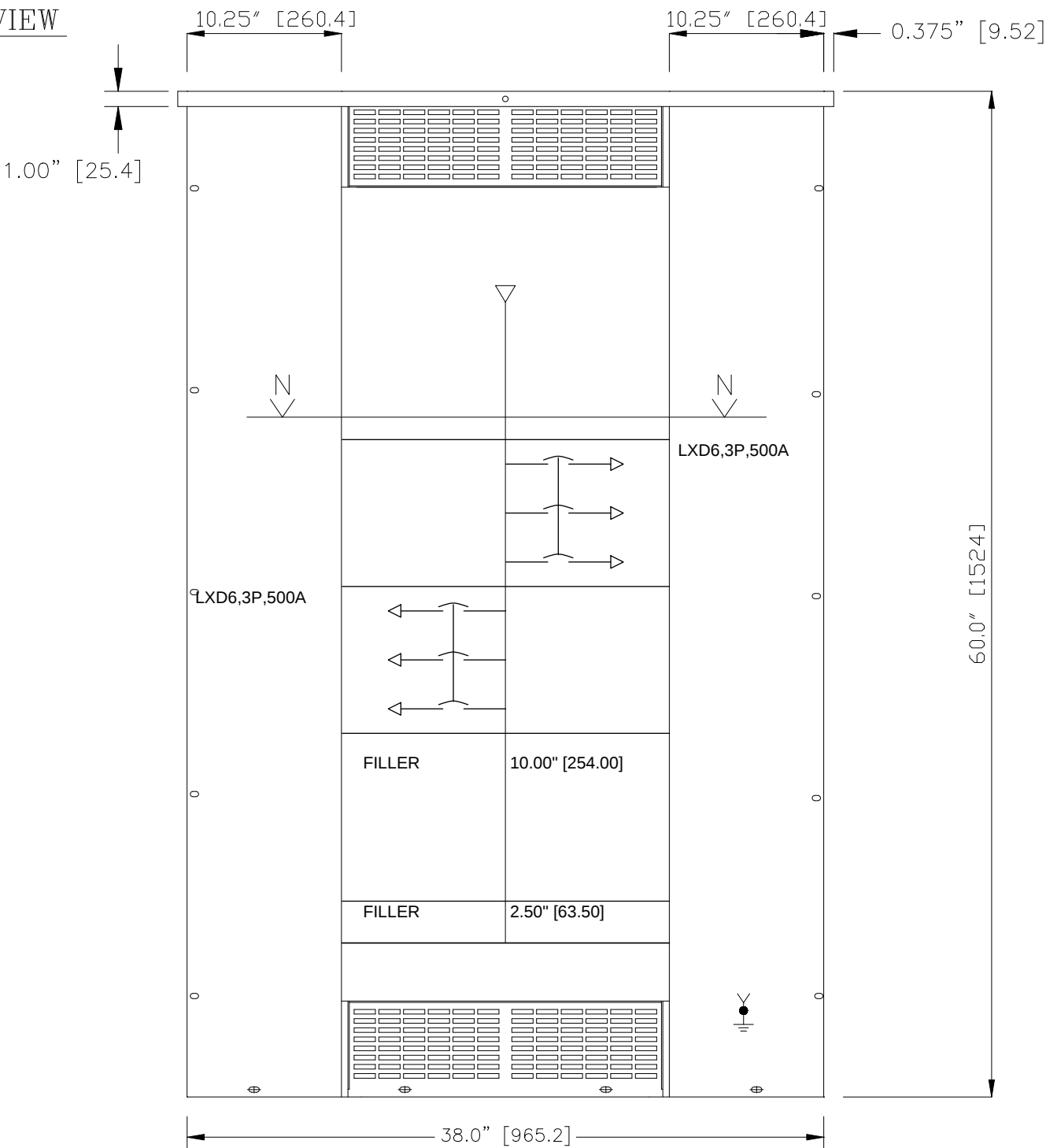
S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING. FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED. FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION. CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

(SEAL) INCH [MM]



TAG : [DP-22]

PLAN VIEW EEMAC 2 (Dripproof)



FRONT VIEW

INTERIOR: 30"
USED SPACE: 17.50"
AMPACITY: 1200A
SEQUENCE #: 009
SECTION #: N/A

REVISION	BY	DATE	CHECK	DATE	VERIF	DATE
----------	----	------	-------	------	-------	------

00) ISSUED IQS 25-03-2021

CUSTOMER

GERRIE ELECTRIC WHOLESALE LTD

PROJECT

Foretside Estates Attmar & Palleschi Drive

SIEMENS

TITLE INTERIOR DEVICES LAYOUT
OF S5 POWERPANEL

REF S5

2 OF 2

DRAWING No. AECBUCD-009-2B-S2

copying of this document, and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. offenders are liable to the payment of damages. all rights are reserved in the event of the grant of patent or the registration of a utility model or design.

FEEDER BREAKER TYPE	AMPS	CABLE PER LUG	LUG WIRE RANGE
BQ, BQH, BQHF BL, BLH, HBL, HBQ	15 – 20	1	#14 – #10 AWG Cu
			#12 – #10 AWG Al
	25 – 35	1	#8 – #6 AWG Cu
			#8 – #6 AWG Al
	40 – 50	1	#8 – #6 AWG Cu
			#8 – #4 AWG Al
	55 – 70	1	#8 – #4 AWG Cu
			#8 – #2 AWG Al
	80 – 100	1	#4 – #1/0 AWG Cu
			#2 – #1/0 AWG Al
	110 – 125	1	#2 – #1/0 AWG Cu
			#1/0 – #2/0 AWG Al
BQD, BQD6	15 – 40	1	#14 – #6 AWG Cu
			#12 – #6 AWG Al
	45 – 100	1	#8 – #1 AWG Cu
			#6 – #1/0 AWG Al
QJ2, QJH2, QJ2H, HQJ2H	60 – 225	1	#6 AWG – 300 KCMIL Cu
			#4 AWG – 300 KCMIL Al
	15 – 25	1	#14 – #10 AWG Cu
			#12 – #10 AWG Al
All 2, 3POLE ED2, ED4, ED6 HED4, HHED6	30–100	1	#10 – #1/0 AWG Cu or Al
	110 – 125	1	#3 – #3/0 AWG Cu
			#1 – #2/0 AWG Al
	30 – 60	1	#1 – #4 AWG Cu or Al
CED6 All 1 POLE ED, HED	70 – 100	1	#4 – #1/0 AWG Cu or Al
	70 – 250	1	#6 AWG – 350 KCMIL Cu
			#4 AWG – 350 KCMIL Al
FXD6, FD6, HFD6, CFD6, HHFD6	200 – 400	1 – 2	#3/0 AWG – 500 KCMIL Cu
			#4/0 AWG – 500 KCMIL Al
	250 – 600	1 – 2	#3/0 AWG – 500 KCMIL Cu
			#4/0 AWG – 500 KCMIL Al
JXD2, JXD6, JD6, SJD6, HJD6, SHJD6 HHJXD6, HHJD6, CJD6, SCJD6	500 – 600	1 – 2	250 – 500 KCMIL Cu or Al
	700 – 800	1 – 3	#1/0 AWG – 500 KCMIL Cu or Al
		1 – 2	500 – 750 KCMIL Cu or Al
LXD6, LD6, SLD6, HLD6, HHLXD6 HHLD6, SHLD6, CLD6, SCLD6	800 – 1200	1 – 4	250 – 500 KCMIL Cu or Al
	15 – 30	1	#14 – #6 AWG Cu
		1	#12 – #6 AWG Al
LMD6, LMXD6, HLMD6, HLMXD6 MD6, MXD6, SMD6, HMD6, HMXD6 SHMD6, CMD6, SCMD6	35 – 125	1	#8 – #1/0 AWG Cu
		1	#8 – #2/0 AWG Al
	100 – 225	1	#3 AWG – 300 KCMIL Cu or Al
NGB2, HGB2, LGB2	40 – 250	1	#6 AWG – 350 KCMIL Cu or Al
			#10 – 3/0 AWG Cu or Al
	40 – 100	1	#6 AWG – 350 KCMIL Cu or Al
			#14 – #1/0 AWG Cu or Al
QR2, QRH2, HQR2, HQR2H	100 – 250	1	#6 AWG – 350 KCMIL Cu or Al
			#14 – #1/0 AWG Cu or Al

03) 3VA Frames added.	PBM	05/2020				
02) Typo FXD5 corrected for FXD6	VD	08/2017				
01) ADDED NGB2, HGB2, LGB2, QR2, QRH2, HQR2	BL	08/2017				
00) ISSUED FOR APPROVAL	IQS	12/2014				
REVISION	BY	DATE	CHECK	DATE	VERIF	DATE

CUSTOMER										
PROJECT	EATL — NEWELL									

SIEMENS	TITLE	FEEDER BRK STANDARD CABLE LUG SIZE				
	REF	DRAWING No. R15-03-2402				

Approval Drawings for PanelBoard

Order # AECBUCD

Revision #

Item# 10

TAG(S):[DP23]

QTY 1 only S5 45" Int. Tin Plated Aluminum Top Entry
120/208V 3PH 4W 1200A SC=22KA Surface Trim
Main device:MLO

Connector Size: (4) -#1/0AWG - 750MCM

Branch device: 3 LD6 3 Pole 600A

Filler: 1 Filler 15.00"

1 Filler 3.75"

Specifications:

Enclosure Type 2

Aluminum Ground Bus 40 Connections

S.C. : Abbreviation for Short Circuit Level

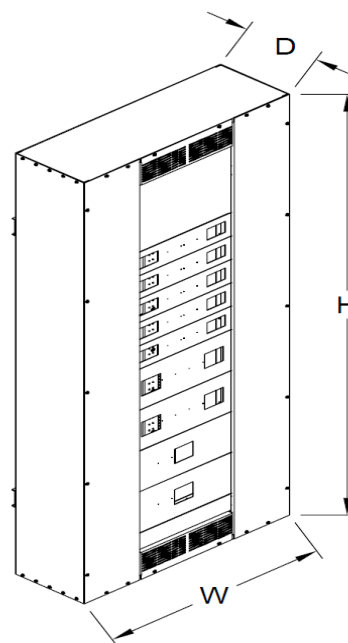
Panel Box Size : Height: 75.00" Width: 38.00" Depth: 12.75"

GENERAL SPECIFICATIONS TYPICAL PANELBOARD S5

ENCLOSURE CODE GAUGE STEEL
BLANK ENDS (NO KNOCKOUTS) REMOVABLE
GUTTERS COVERS ON FRONT.

FINISH: GREY ASA-61

PANELBOARD HAVE INTERIOR ASSEMBLED WITH
ALUMINUM BUS BARS UNLESS OTHERWISE NOTED.



MAIN BREAKER STD CONNECTORS

AMPERE RATING	CONNECTORS RANGE/PHASE
400-600A	(1,2) #3/0-500MCM CU or (1) #4/0-500MCM AL
800A	(1-3) 1/0-500MCM CU/AL
1200A	(1-3) 1/0-500MCM CU/AL

STD MAIN LUGS CONNECTORS

AMPERE RATING	CONNECTORS RANGE/PHASE
225A-400A	(1) #1/0-750MCM CU/AL or (2) #1/0-250MCM CU/AL
600A	(2) #1/0-750MCM CU/AL or (4) #1/0-250MCM CU/AL
800A	(3) #1/0-750MCM CU/AL or (6) #1/0-250MCM CU/AL
1200A	(4) #1/0-750MCM CU/AL or (8) #1/0-250MCM CU/AL

ABBREVIATIONS

TYPE	DESCRIPTION
MTG. S/F :	MOUNTING SURFACE
MAIN LUGS T/B :	MAIN INCOMING LUG AT TOP OR BOTTOM
MAIN BRK T/B :	MAIN BREAKER AT TOP OR BOTTOM
PROV. :	PROVISION WITH CONNECTOR KIT
F.T.L. :	FEED THRU. LUGS
S.F.L. :	SUB FEED LUGS
I.C. :	INTERRUPTING CAPACITY

PANELBOARD STD DIMENSIONS:

38" (965mm)W x 12.75" (324mm)D (TYPE 1 or 2).
38" (965mm)W x 14.25" (362mm)D (TYPE 3 or 12).

WEIGHT (Approximate):

Total panelboard weight when filled with a normal quantity of breakers and accessories is about 10 lbs. (1 kg) per inch (54g per mm) of box height.

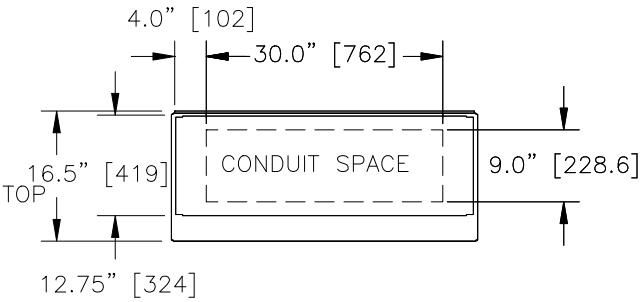
NOTES :

Seq#10 [DP23]

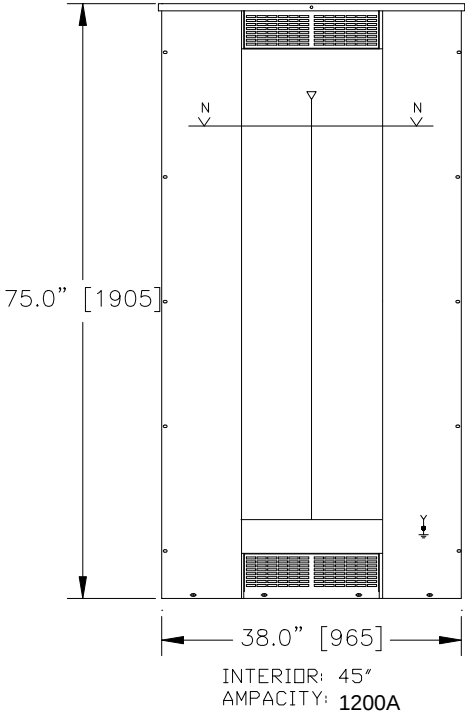
Project Name: Foretside Estates Attmar & Palleschi Drive	S.O. : AECBUCD	Date: dd/mm/yyyy 25-03-2021
	P.O. : 5160004	Rev:
Customer: GERRIE ELECTRIC WHOLESALE LTD		

S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING.
FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED
FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION.
CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

PLAN VIEW EEMAC 2 (Dripproof)



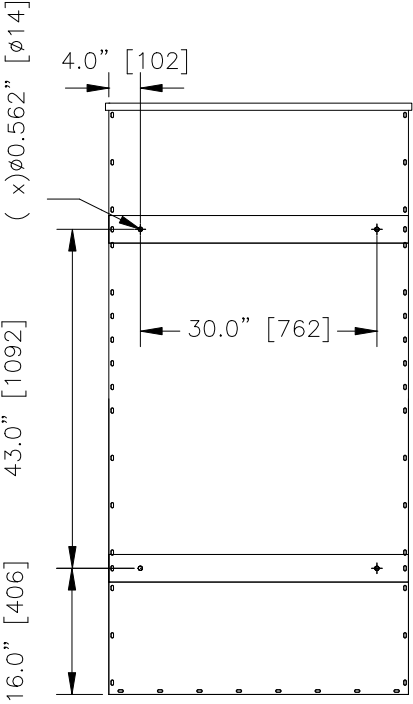
FRONT VIEW



– SYSTEM AND TECHNICAL DATA –

- SYSTEM: 120/208V, 3 PHASE 4 WIRES, 1200 AMPS
- BUS BAR TYPE: TIN PLATED ALUMINUM
- MAIN DEVICE: MLO
- SHORT CIRCUIT RATING: 22 KA
- LUG DETAIL: (Conductor size based on alum. wire/cable)
LD BREAKER FRAME 250-600A (2) #4/0 AWG-500MCM

MTG DETAILS

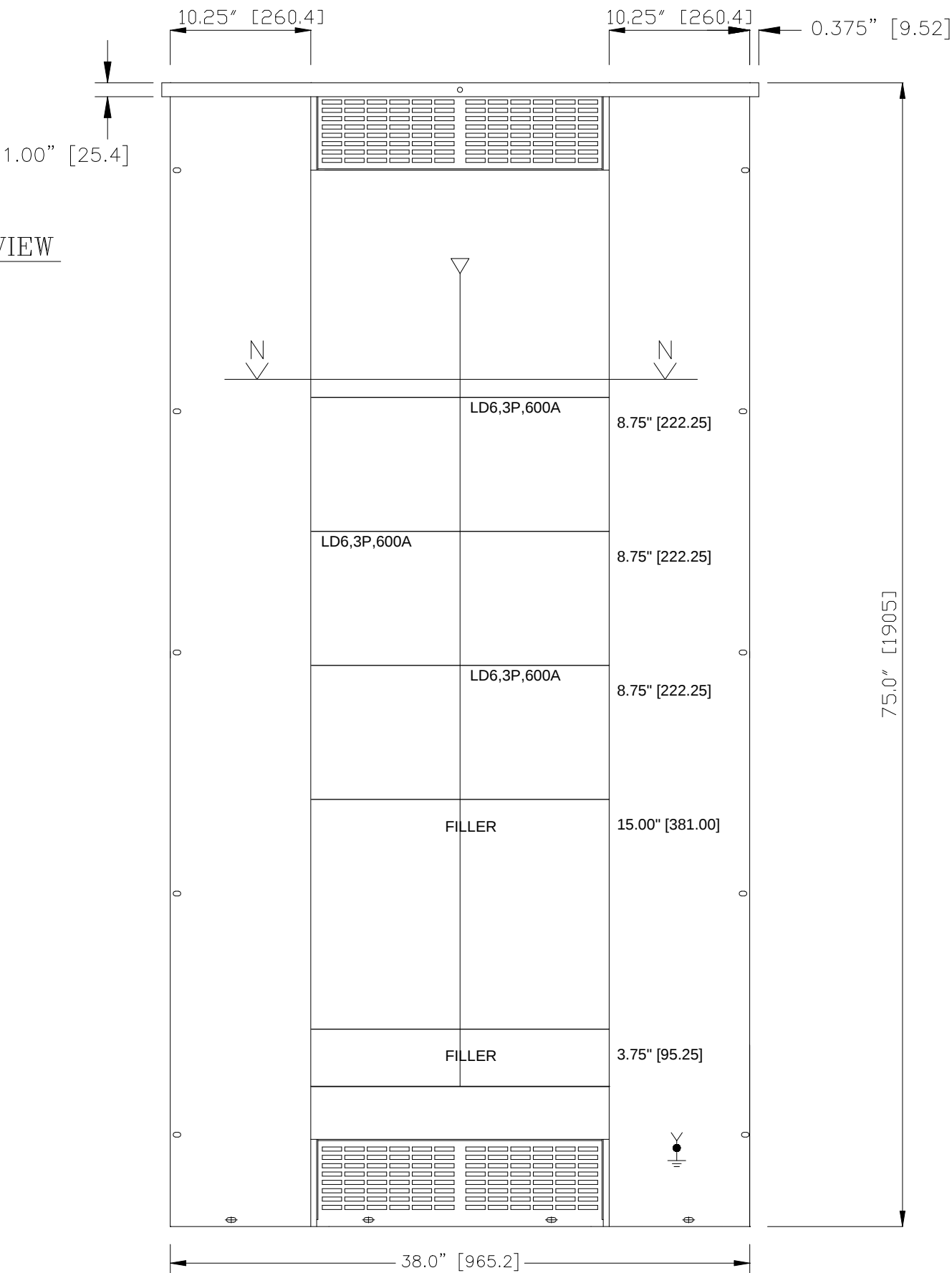
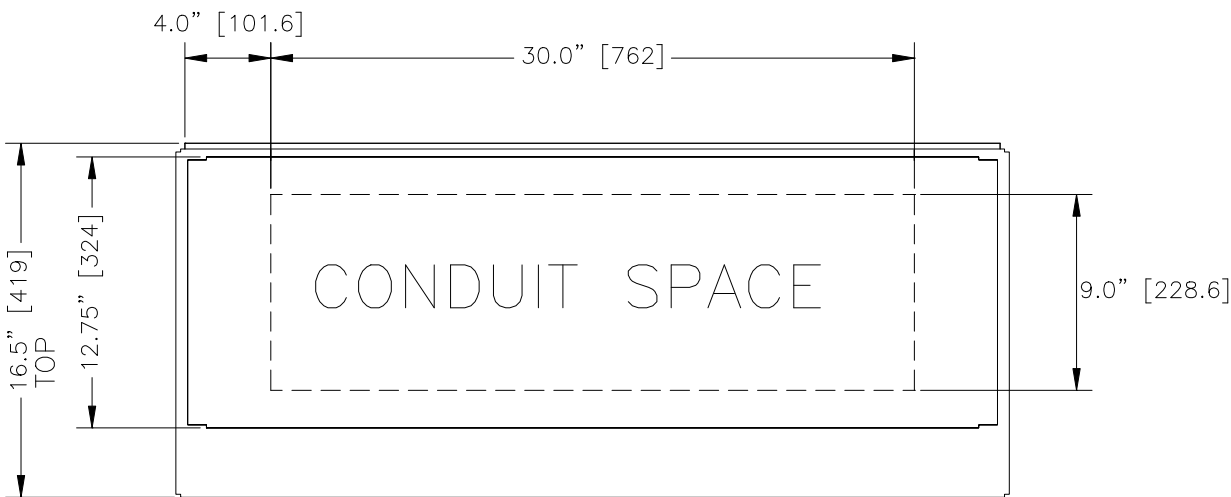


						((SEAL		INCH" [MM]		TAG : [DP23]						
REVISION			BY	DATE	CHECK	DATE	VERIF	DATE	CUSTOMER GERRIE ELECTRIC WHOLESALE LTD PROJECT Foretside Estates Attmar & Palleschi Drive			SIEMENS		TITLE GENERAL ARRANGEMENT OF S5 POWER PANEL		
00) ISSUED			IQS	dd/mm/yyyy 25-03-2021											REF S5	DRAWING No.
																AECBUCD-010-1B

S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING. FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED. FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION. CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

((SEAL

INCH" [MM]



TAG : [DP23]

PLAN VIEW EEMAC 2 (Dripproof)

FRONT VIEW

INTERIOR: 45"
USED SPACE: 26.25"
AMPACITY: 1200A

SEQUENCE #: 010
SECTION #: N/A

REVISION

00) ISSUED

BY

IQS

DATE

25-03-2021

CHECK

DATE

VERIF

DATE

CUSTOMER

GERRIE ELECTRIC WHOLESALE LTD

PROJECT

Forestsides Estates Attmar & Palleschi Drive

SIEMENS

TITLE INTERIOR DEVICES LAYOUT

REF

S5

1 OF 2

AECBUCD-010-2B-S1

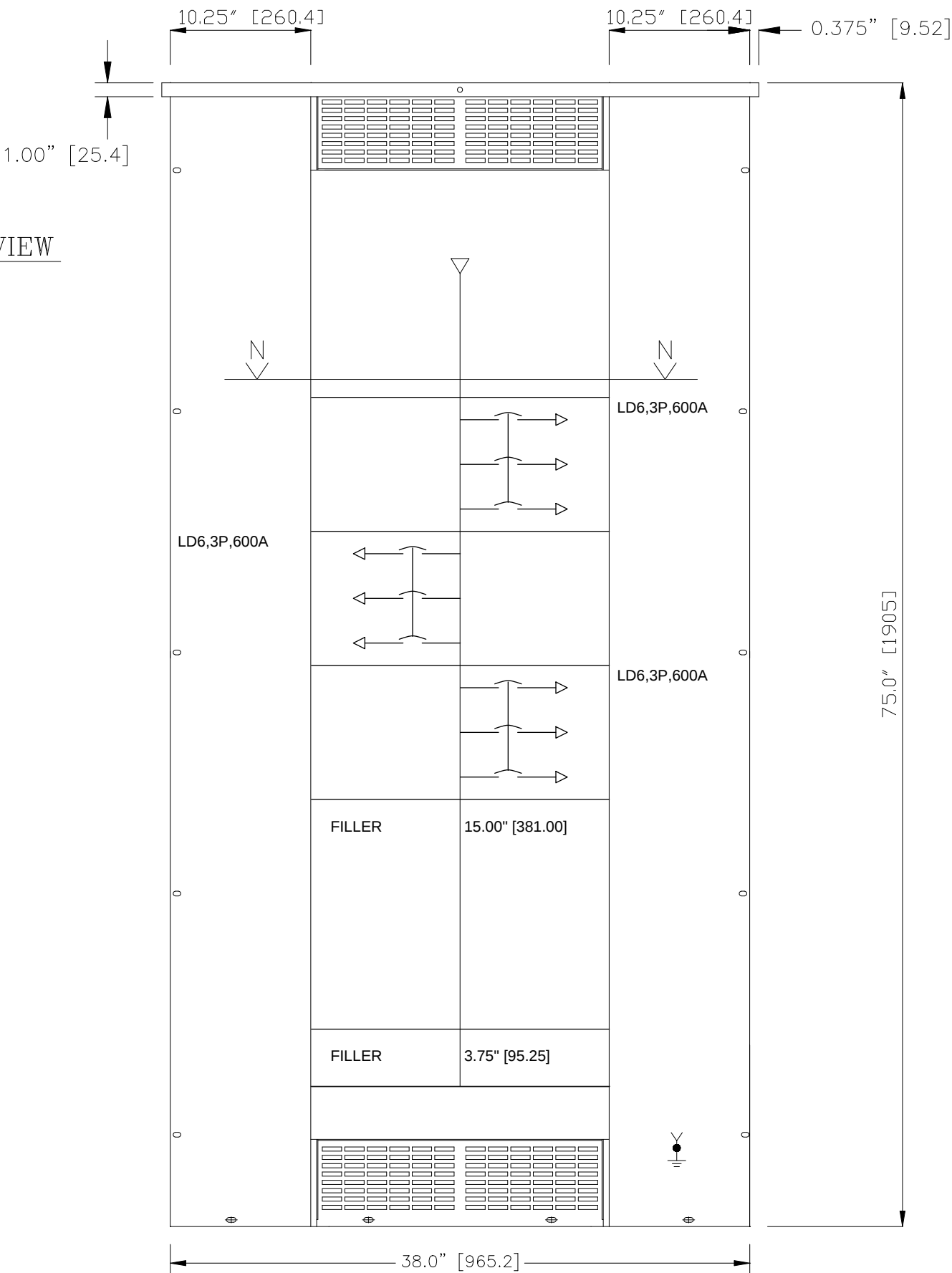
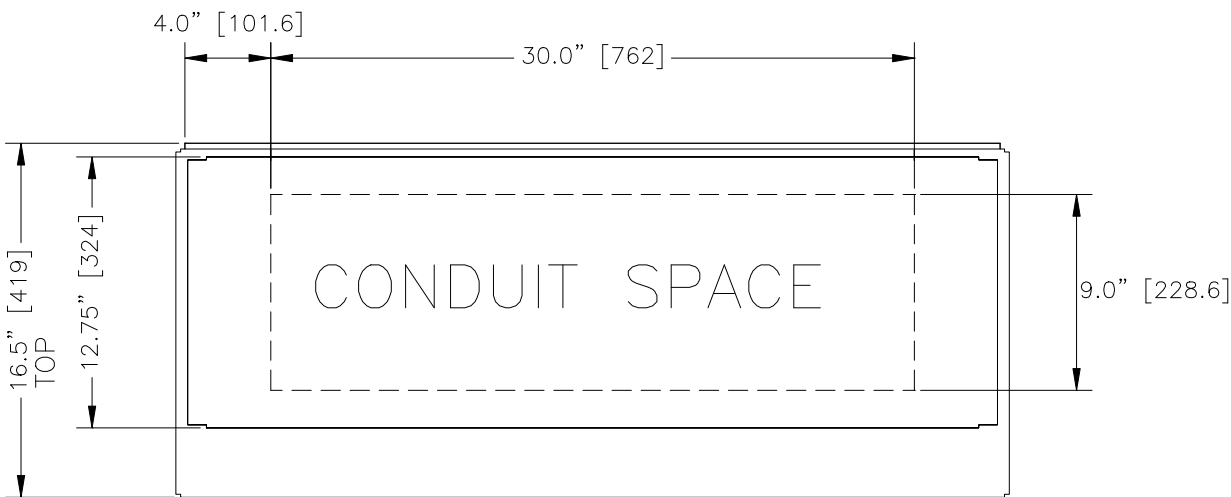
DRAWING No.

S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING. FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED. FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION. CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

((SEAL

INCH [MM]

M-200



TAG : [DP23]

INTERIOR: 45"
USED SPACE: 26.25"
AMPACITY: 1200A
SEQUENCE #: 010
SECTION #: N/A

REVISION

00) ISSUED

BY

IQS

DATE

25-03-2021

CHECK

DATE

VERIF

DATE

CUSTOMER

GERRIE ELECTRIC WHOLESALE LTD

PROJECT

Forestsides Estates Attmar & Palleschi Drive

SIEMENS

TITLE INTERIOR DEVICES LAYOUT

OF S5 POWERPANEL

REF

S5

2 OF 2

DRAWING No.

AECBUCD-010-2B-S2

copying of this document, and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. offenders are liable to the payment of damages. all rights are reserved in the event of the grant of patent or the registration of a utility model or design.

FEEDER BREAKER TYPE	AMPS	CABLE PER LUG	LUG WIRE RANGE
BQ, BQH, BQHF BL, BLH, HBL, HBQ	15 – 20	1	#14 – #10 AWG Cu
			#12 – #10 AWG Al
	25 – 35	1	#8 – #6 AWG Cu
			#8 – #6 AWG Al
	40 – 50	1	#8 – #6 AWG Cu
			#8 – #4 AWG Al
	55 – 70	1	#8 – #4 AWG Cu
			#8 – #2 AWG Al
	80 – 100	1	#4 – #1/0 AWG Cu
			#2 – #1/0 AWG Al
	110 – 125	1	#2 – #1/0 AWG Cu
			#1/0 – #2/0 AWG Al
BQD, BQD6	15 – 40	1	#14 – #6 AWG Cu
			#12 – #6 AWG Al
	45 – 100	1	#8 – #1 AWG Cu
			#6 – #1/0 AWG Al
QJ2, QJH2, QJ2H, HQJ2H	60 – 225	1	#6 AWG – 300 KCMIL Cu
			#4 AWG – 300 KCMIL Al
	15 – 25	1	#14 – #10 AWG Cu
			#12 – #10 AWG Al
All 2, 3POLE ED2, ED4, ED6 HED4, HHED6	30–100	1	#10 – #1/0 AWG Cu or Al
	110 – 125	1	#3 – #3/0 AWG Cu
			#1 – #2/0 AWG Al
	30 – 60	1	#1 – #4 AWG Cu or Al
CED6 All 1 POLE ED, HED	70 – 100	1	#4 – #1/0 AWG Cu or Al
	70 – 250	1	#6 AWG – 350 KCMIL Cu
FXD6, FD6, HFD6, CFD6, HHFD6			#4 AWG – 350 KCMIL Al
	200 – 400	1 – 2	#3/0 AWG – 500 KCMIL Cu
JXD2, JXD6, JD6, SJD6, HJD6, SHJD6 HHJXD6, HHJD6, CJD6, SCJD6	250 – 600	1 – 2	#4/0 AWG – 500 KCMIL Al
			#3/0 AWG – 500 KCMIL Cu
LXD6, LD6, SLD6, HLD6, HHLXD6 HHLD6, SHLD6, CLD6, SCLD6			#4/0 AWG – 500 KCMIL Al
	500 – 600	1 – 2	250 – 500 KCMIL Cu or Al
LMD6, LMXD6, HLMD6, HLMXD6 MD6, MXD6, SMD6, HMD6, HMXD6 SHMD6, CMD6, SCMD6	700 – 800	1 – 3	#1/0 AWG – 500 KCMIL Cu or Al
			500 – 750 KCMIL Cu or Al
ND6, NXD6, SND6, HND6M HNXD6 SHND6, CND6, SCND6	800 – 1200	1 – 4	250 – 500 KCMIL Cu or Al
	15 – 30	1	#14 – #6 AWG Cu
NGB2, HGB2, LGB2			#12 – #6 AWG Al
	35 – 125	1	#8 – #1/0 AWG Cu
QR2, QRH2, HQR2, HQR2H			#8 – #2/0 AWG Al
	100 – 225	1	#3 AWG – 300 KCMIL Cu or Al
3VA52 – (MFAS, HFAS, CFAS)	40 – 250	1	#6 AWG – 350 KCMIL Cu or Al
			#10 – 3/0 AWG Cu or Al
3VA61 – (MDAE, HDAE, CDAE, LDAE)	40 – 100	1	#6 AWG – 350 KCMIL Cu or Al
			#14 – #1/0 AWG Cu or Al
3VA62 – (MFAE, HF AE, CFAE, LFAE)	100 – 250	1	#6 AWG – 350 KCMIL Cu or Al
			#14 – #1/0 AWG Cu or Al

03) 3VA Frames added.	PBM	05/2020				
02) Typo FXD5 corrected for FXD6	VD	08/2017				
01) ADDED NGB2, HGB2, LGB2, QR2, QRH2, HQR2	BL	08/2017				
00) ISSUED FOR APPROVAL	IQS	12/2014				
REVISION	BY	DATE	CHECK	DATE	VERIF	DATE

CUSTOMER	PROJECT
EATL – NEWELL	



TITLE	FEEDER BRK STANDARD CABLE LUG SIZE
REF	DRAWING No. R15-03-2402

Approval Drawings for PanelBoard

Order # AECBUCD
Revision #

Item# 11

TAG(S):[DP24]

QTY 1 only S5 30" Int. Tin Plated Aluminum Top Entry
120/208V 3PH 4W 1200A SC=22KA Surface Trim
Main device:MLO

Connector Size: (4) -#1/0AWG - 750MCM

Branch device: 2 LD6 3 Pole 500A

Filler: 1 Filler 10.00"

1 Filler 2.50"

Specifications:

Enclosure Type 2

Aluminum Ground Bus 40 Connections

S.C. : Abbreviation for Short Circuit Level

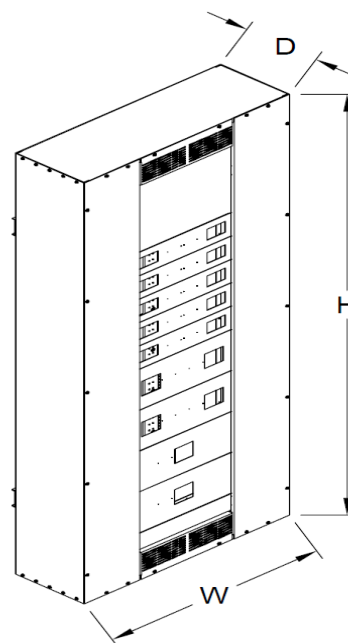
Panel Box Size : Height: 60.00" Width: 38.00" Depth: 12.75"

GENERAL SPECIFICATIONS TYPICAL PANELBOARD S5

ENCLOSURE CODE GAUGE STEEL
BLANK ENDS (NO KNOCKOUTS) REMOVABLE
GUTTERS COVERS ON FRONT.

FINISH: GREY ASA-61

PANELBOARD HAVE INTERIOR ASSEMBLED WITH
ALUMINUM BUS BARS UNLESS OTHERWISE NOTED.



MAIN BREAKER STD CONNECTORS

AMPERE RATING	CONNECTORS RANGE/PHASE
400-600A	(1,2) #3/0-500MCM CU or (1) #4/0-500MCM AL
800A	(1-3) 1/0-500MCM CU/AL
1200A	(1-3) 1/0-500MCM CU/AL

STD MAIN LUGS CONNECTORS

AMPERE RATING	CONNECTORS RANGE/PHASE
225A-400A	(1) #1/0-750MCM CU/AL or (2) #1/0-250MCM CU/AL
600A	(2) #1/0-750MCM CU/AL or (4) #1/0-250MCM CU/AL
800A	(3) #1/0-750MCM CU/AL or (6) #1/0-250MCM CU/AL
1200A	(4) #1/0-750MCM CU/AL or (8) #1/0-250MCM CU/AL

ABBREVIATIONS

TYPE	DESCRIPTION
MTG. S/F :	MOUNTING SURFACE
MAIN LUGS T/B :	MAIN INCOMING LUG AT TOP OR BOTTOM
MAIN BRK T/B :	MAIN BREAKER AT TOP OR BOTTOM
PROV. :	PROVISION WITH CONNECTOR KIT
F.T.L. :	FEED THRU. LUGS
S.F.L. :	SUB FEED LUGS
I.C. :	INTERRUPTING CAPACITY

PANELBOARD STD DIMENSIONS:

38" (965mm)W x 12.75" (324mm)D (TYPE 1 or 2).
38" (965mm)W x 14.25" (362mm)D (TYPE 3 or 12).

WEIGHT (Approximate):

Total panelboard weight when filled with a normal quantity of breakers and accessories is about 10 lbs. (1 kg) per inch (54g per mm) of box height.

NOTES :

Seq#11 [DP24]

Project Name:

Foretside Estates

Attmar & Palleschi Drive

Customer: GERRIE ELECTRIC WHOLESALE LTD

S.O. : AECBUCD

P.O. : 5160004

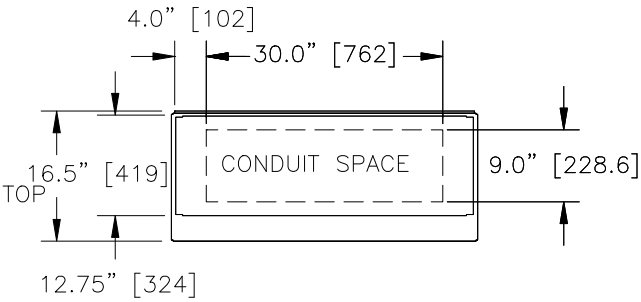
Date: dd/mm/yyyy

25-03-2021

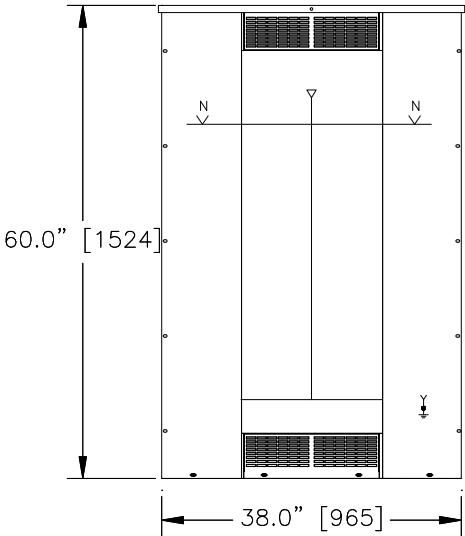
Rev:

S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING.
FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED
FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION.
CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

PLAN VIEW EEMAC 2 (Dripproof)

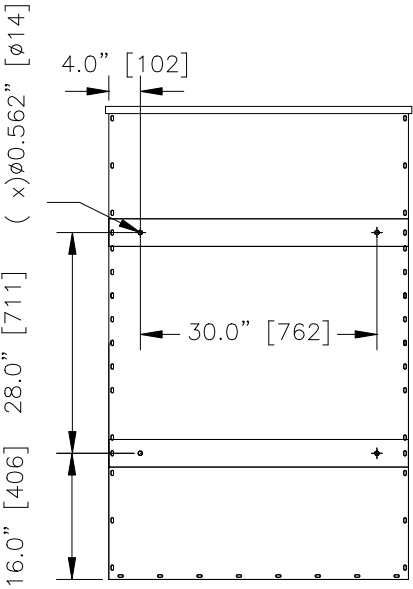


FRONT VIEW



1200A

MTG DETAILS



– SYSTEM AND TECHNICAL DATA –

- SYSTEM: 120/208V, 3 PHASE 4 WIRES, 1200 AMPS
- BUS BAR TYPE: TIN PLATED ALUMINUM
- MAIN DEVICE: MLO
- SHORT CIRCUIT RATING: 22 KA
- LUG DETAIL: (Conductor size based on alum. wire/cable)
LD BREAKER FRAME 250-600A (2) #4/0 AWG-500MCM

							⌂ SEAL		INCH" [MM]		TAG : [DP24]							
REVISION			BY	DATE	CHECK	DATE	VERIF	DATE	CUSTOMER GERRIE ELECTRIC WHOLESALE LTD					SIEMENS		TITLE GENERAL ARRANGEMENT OF S5 POWER PANEL		
00) ISSUED			IQS	dd/mm/yyyy 25-03-2021														
								PROJECT Foretside Estates Attmar & Palleschi Drive										
													REF S5		DRAWING No. AECBUCD-011-1B			

SIEMENS

S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING. FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED. FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION.

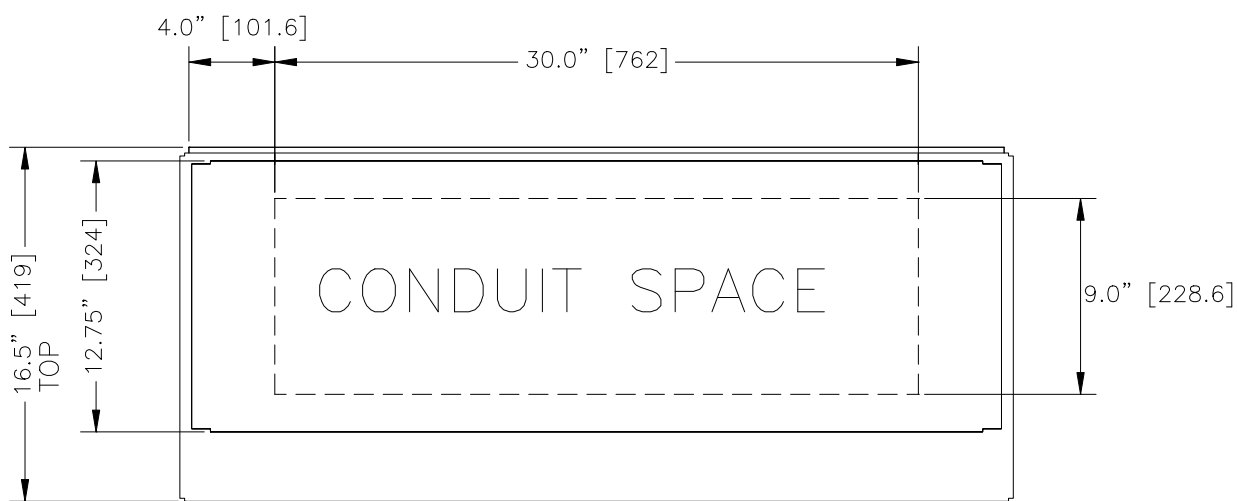
CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON

CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

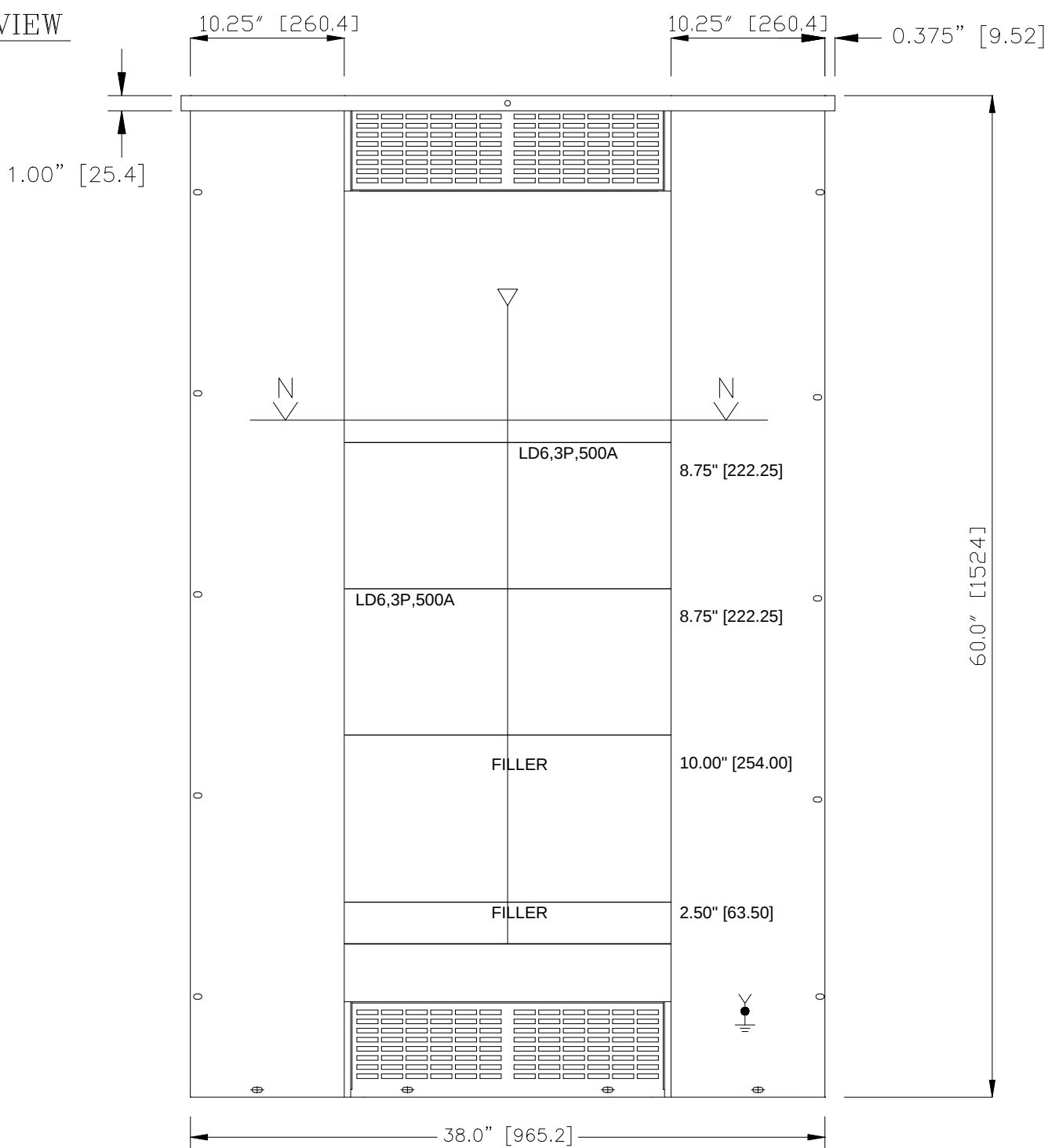
D SEAL

INCH" [MM]

TAG : [DP24]

PLAN VIEW EEMAC 2 (Dripproof)

FRONT VIEW



INTERIOR:	30"	SEQUENCE	#:	011
USED SPACE:	17.50"	SECTION	#:	N/A
AMPACITY:	1200A			

SEQUENCE	#:	011
SECTION	#:	N/A

REVISION

BY

DATE _____

CHECK

DATE _____

VERIF

DATE _____

CUSTOMER

GERRIE ELECTRIC WHOLESALE LTD

PROJECT

Forests Estate Attmar & Palleschi Drive

SIEMENS

TITLE INTERIOR DEVICES LAYOUT

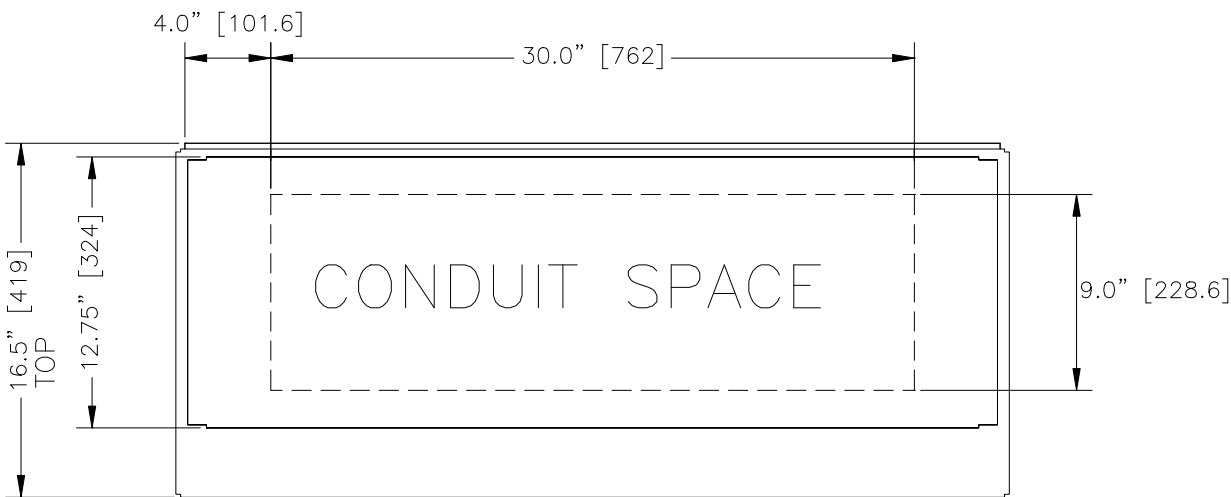
REF S5

DRAWING No.

AECEBUCD-011-2B-S1

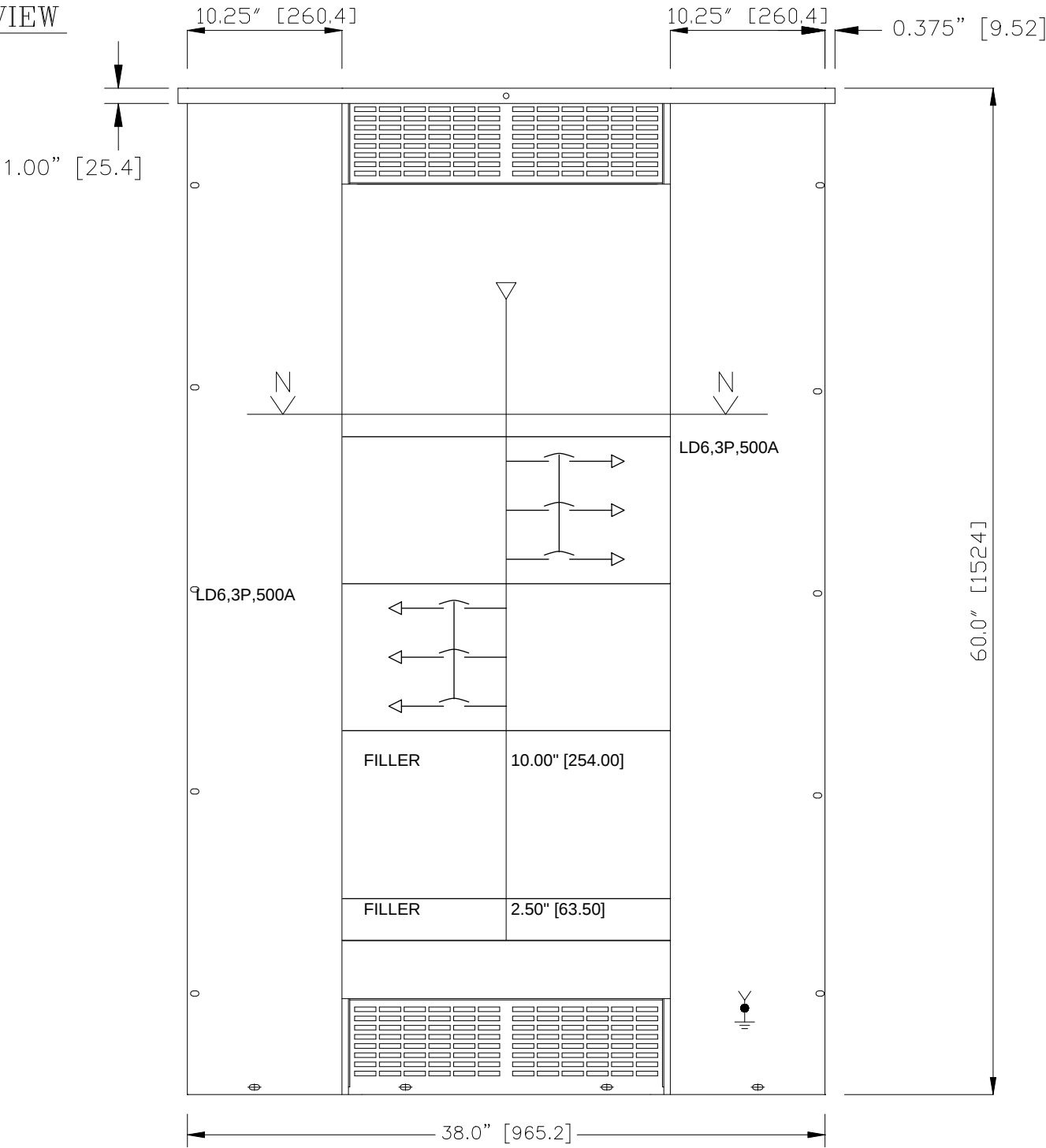
S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING. FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED. FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION. CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

[(SEAL) INCH [MM]



TAG : [DP24]

PLAN VIEW EEMAC 2 (Dripproof)



FRONT VIEW

INTERIOR: 30"
USED SPACE: 17.50"
AMPACITY: 1200A
SEQUENCE #: 011
SECTION #: N/A

REVISION					CUSTOMER				
00) ISSUED		BY	DATE	CHECK	DATE	VERIF	DATE	GERRIE ELECTRIC WHOLESALE LTD	
		IQS	25-03-2021					PROJECT	
								Foretside Estates Attmar & Palleschi Drive	
								SIEMENS	
								TITLE INTERIOR DEVICES LAYOUT	
								REF S5	
								2 OF 2	
								DRAWING No. AECBUCD-011-2B-S2	

copying of this document, and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. offenders are liable to the payment of damages. all rights are reserved in the event of the grant of patent or the registration of a utility model or design.

FEEDER BREAKER TYPE	AMPS	CABLE PER LUG	LUG WIRE RANGE
BQ, BQH, BQHF BL, BLH, HBL, HBQ	15 – 20	1	#14 – #10 AWG Cu
			#12 – #10 AWG Al
	25 – 35	1	#8 – #6 AWG Cu
			#8 – #6 AWG Al
	40 – 50	1	#8 – #6 AWG Cu
			#8 – #4 AWG Al
	55 – 70	1	#8 – #4 AWG Cu
			#8 – #2 AWG Al
	80 – 100	1	#4 – #1/0 AWG Cu
			#2 – #1/0 AWG Al
	110 – 125	1	#2 – #1/0 AWG Cu
			#1/0 – #2/0 AWG Al
BQD, BQD6	15 – 40	1	#14 – #6 AWG Cu
			#12 – #6 AWG Al
	45 – 100	1	#8 – #1 AWG Cu
QJ2, QJH2, QJ2H, HQJ2H	60 – 225	1	#6 AWG – 300 KCMIL Cu
			#4 AWG – 300 KCMIL Al
	15 – 25	1	#14 – #10 AWG Cu
			#12 – #10 AWG Al
	30–100	1	#10 – #1/0 AWG Cu or Al
	110 – 125	1	#3 – #3/0 AWG Cu
All 2, 3POLE ED2, ED4, ED6 HED4, HHED6			#1 – #2/0 AWG Al
	30 – 60	1	#1 – #4 AWG Cu or Al
	70 – 100	1	#4 – #1/0 AWG Cu or Al
	70 – 250	1	#6 AWG – 350 KCMIL Cu
			#4 AWG – 350 KCMIL Al
FXD6, FD6, HFD6, CFD6, HHFD6			#3/0 AWG – 500 KCMIL Cu
JXD2, JXD6, JD6, SJD6, HJD6, SHJD6 HHJXD6, HHJD6, CJD6, SCJD6	200 – 400	1 – 2	#4/0 AWG – 500 KCMIL Al
LXD6, LD6, SLD6, HLD6, HHLXD6 HHLD6, SHLD6, CLD6, SCLD6	250 – 600	1 – 2	#3/0 AWG – 500 KCMIL Cu
			#4/0 AWG – 500 KCMIL Al
LMD6, LMXD6, HLMD6, HLMXD6 MD6, MXD6, SMD6, HMD6, HMXD6 SHMD6, CMD6, SCMD6	500 – 600	1 – 2	250 – 500 KCMIL Cu or Al
	700 – 800	1 – 3	#1/0 AWG – 500 KCMIL Cu or Al
			500 – 750 KCMIL Cu or Al
ND6, NXD6, SND6, HND6M HNXD6 SHND6, CND6, SCND6	800 – 1200	1 – 4	250 – 500 KCMIL Cu or Al
NGB2, HGB2, LGB2	15 – 30	1	#14 – #6 AWG Cu
			#12 – #6 AWG Al
	35 – 125	1	#8 – #1/0 AWG Cu
			#8 – #2/0 AWG Al
QR2, QRH2, HQR2, HQR2H	100 – 225	1	#3 AWG – 300 KCMIL Cu or Al
3VA52 – (MFAS, HFAS, CFAS)	40 – 250	1	#6 AWG – 350 KCMIL Cu or Al #10 – 3/0 AWG Cu or Al
3VA61 – (MDAE, HDAE, CDAE, LDAE)	40 – 100	1	#6 AWG – 350 KCMIL Cu or Al #14 – #1/0 AWG Cu or Al
3VA62 – (MFAE, HF AE, CFAE, LFAE)	100 – 250	1	#6 AWG – 350 KCMIL Cu or Al #14 – #1/0 AWG Cu or Al

03) 3VA Frames added.	PBM	05/2020					CUSTOMER	PROJECT	EATL — NEWELL	SIEMENS	TITLE		FEEDER BRK STANDARD CABLE LUG SIZE	
02) Typo FXD5 corrected for FXD6	VD	08/2017									REF	DRAWING No. R15-03-2402		
01) ADDED NGB2, HGB2, LGB2, QR2, QRH2, HQR2	BL	08/2017												
00) ISSUED FOR APPROVAL	IQS	12/2014												
REVISION	BY	DATE	CHECK	DATE	VERIF	DATE								

Approval Drawings for PanelBoard

Order # **AECBUCD**

Revision #

Item# 12

TAG(S):[DPE61]

QTY 1 only P2 30 CCT'S Tin Plated Aluminum Top Entry
347/600V 3PH 4W 400A SC=18KA Surface Mounted

Tub: DSB52044
Trim: S44B
Interior:

Main device:MLO
Branch device: 1 ED6 3 Pole 90A ED63B090
1 ED6 3 Pole 70A ED63B070
3 ED6 3 Pole 15A ED63B015
1 ED6 3 Pole 100A ED63B100
3 ED6 3 Pole PROV
3 ED 1 Pole PROV

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections

Confirm exact breaker
configuration

Modifications:

Number Strips 1 To 30 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

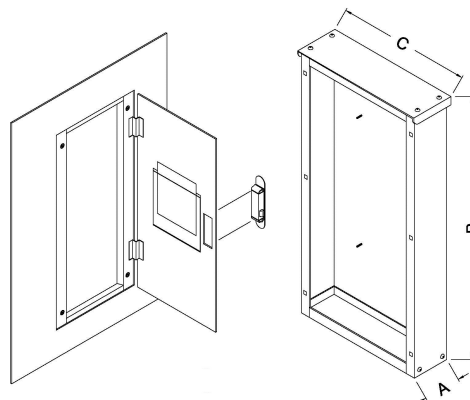
Panel Box Size : Height: 44.00" Width: 20.00" Depth: 5.75"

Panel Designation: [DPE61]

Panel type:	P2
# of circuits:	30 cct's
Catalog #:	P2L30ML400ATS
Enclosure type:	Type 2
Voltage:	347/600V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	18kA
Main bus:	400A Tin Plated Aluminum
Cables entry:	Top
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(1) #2-600 MCM & (1) 1/0-250 MCM or (2) 1/0-250 MCM
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

(1) ED6 3/90A
(1) ED6 3/70A
(3) ED6 3/15A
(1) ED6 3/100A
(3) ED6 3/PROV
(3) ED 1/PROV

Number Strips 1 To 30 Cct's



Dimensions : A=5.75" [146mm] B=44.00" [1118mm] C=20.00" [508mm]

Foretside Estates
Attmar & Palleschi Drive

AECBUCD

5160004

20821030-074311A2

25-03-2021

GERRIE ELECTRIC WHOLESALE LTD

Page 1 of 1

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 13

TAG(S):[DP25]

QTY 1 only S5 30" Int. Tin Plated Aluminum Top Entry
120/208V 3PH 4W 1200A SC=22KA Surface Trim
Main device:MLO

Connector Size: (4) -#1/0AWG - 750MCM

Branch device: 3 JD6 3 Pole 300A

2 BLH 3 Pole 100A

1 QRH2 3 Pole 200A

Filler: 1 Filler 3.75"

Confirm exact breaker
configuration

Specifications:

Enclosure Type 2

Aluminum Ground Bus 40 Connections

S.C. : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

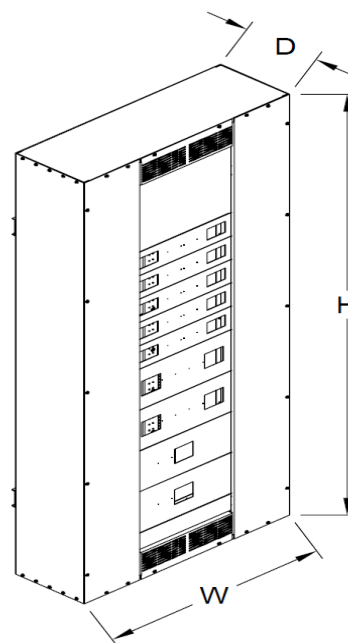
Panel Box Size : Height: 60.00" Width: 38.00" Depth: 12.75"

GENERAL SPECIFICATIONS TYPICAL PANELBOARD S5

ENCLOSURE CODE GAUGE STEEL
BLANK ENDS (NO KNOCKOUTS) REMOVABLE
GUTTERS COVERS ON FRONT.

FINISH: GREY ASA-61

PANELBOARD HAVE INTERIOR ASSEMBLED WITH
ALUMINUM BUS BARS UNLESS OTHERWISE NOTED.



MAIN BREAKER STD CONNECTORS

AMPERE RATING	CONNECTORS RANGE/PHASE
400-600A	(1,2) #3/0-500MCM CU or (1) #4/0-500MCM AL
800A	(1-3) 1/0-500MCM CU/AL
1200A	(1-3) 1/0-500MCM CU/AL

STD MAIN LUGS CONNECTORS

AMPERE RATING	CONNECTORS RANGE/PHASE
225A-400A	(1) #1/0-750MCM CU/AL or (2) #1/0-250MCM CU/AL
600A	(2) #1/0-750MCM CU/AL or (4) #1/0-250MCM CU/AL
800A	(3) #1/0-750MCM CU/AL or (6) #1/0-250MCM CU/AL
1200A	(4) #1/0-750MCM CU/AL or (8) #1/0-250MCM CU/AL

ABBREVIATIONS

TYPE	DESCRIPTION
MTG. S/F :	MOUNTING SURFACE
MAIN LUGS T/B :	MAIN INCOMING LUG AT TOP OR BOTTOM
MAIN BRK T/B :	MAIN BREAKER AT TOP OR BOTTOM
PROV. :	PROVISION WITH CONNECTOR KIT
F.T.L. :	FEED THRU. LUGS
S.F.L. :	SUB FEED LUGS
I.C. :	INTERRUPTING CAPACITY

PANELBOARD STD DIMENSIONS:

38" (965mm)W x 12.75" (324mm)D (TYPE 1 or 2).
38" (965mm)W x 14.25" (362mm)D (TYPE 3 or 12).

WEIGHT (Approximate):

Total panelboard weight when filled with a normal quantity of breakers and accessories is about 10 lbs. (1 kg) per inch (54g per mm) of box height.

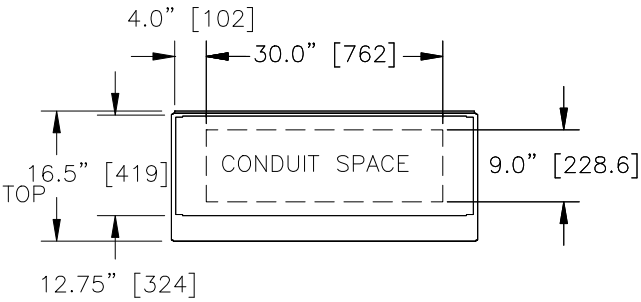
NOTES :

Seq#13 [DP25]

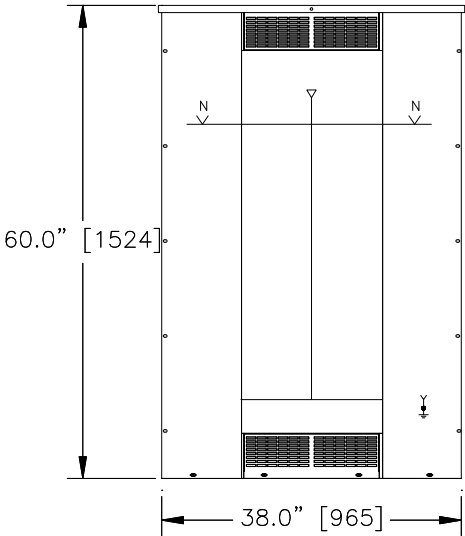
Project Name: Foretside Estates Attmar & Palleschi Drive	S.O. : AECBUCD	Date: dd/mm/yyyy 25-03-2021
	P.O. : 5160004	Rev:
Customer: GERRIE ELECTRIC WHOLESALE LTD		

S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING.
FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED
FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION.
CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

PLAN VIEW EEMAC 2 (Dripproof)



FRONT VIEW



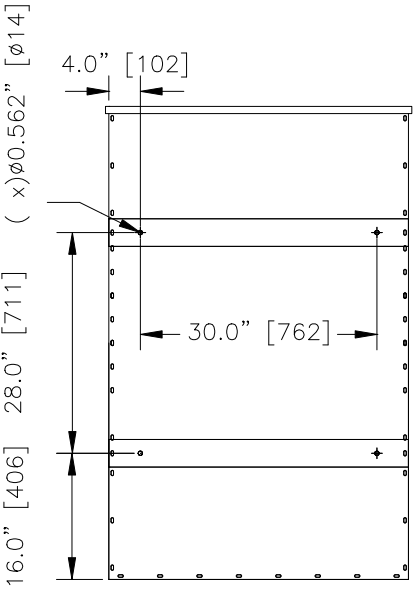
1200A

MTG DETAILS

– SYSTEM AND TECHNICAL DATA –

- SYSTEM: 120/208V, 3 PHASE 4 WIRES, 1200 AMPS
- BUS BAR TYPE: TIN PLATED ALUMINUM
- MAIN DEVICE: MLO
- SHORT CIRCUIT RATING: 22 KA

LUG DETAIL: (Conductor size based on alum. wire/cable)			
JD BREAKER FRAME	200-400A	(2) #4/0 AWG-500MCM	
QR BREAKER FRAME	100-250A	(1) #3 AWG-300MCM	

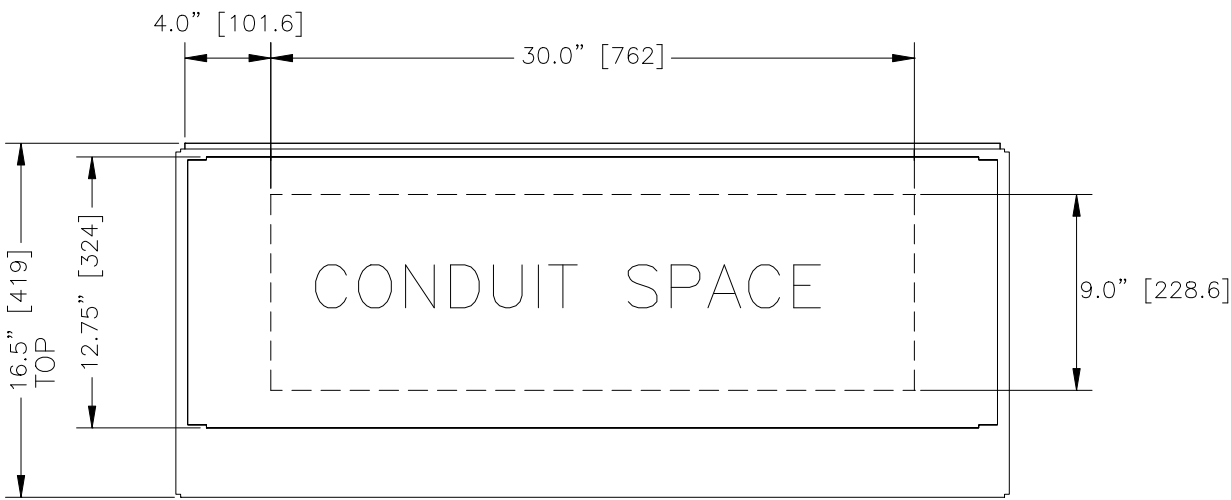


							((SEAL		INCH" [MM]		TAG : [DP25]					
REVISION		BY	DATE	CHECK	DATE	VERIF	DATE	CUSTOMER GERRIE ELECTRIC WHOLESALE LTD					SIEMENS		TITLE GENERAL ARRANGEMENT OF S5 POWER PANEL	
00) ISSUED		IQS	dd/mm/yyyy 25-03-2021												PROJECT	
								Foretside Estates Attmar & Palleschi Drive								

S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING. FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED. FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION. CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

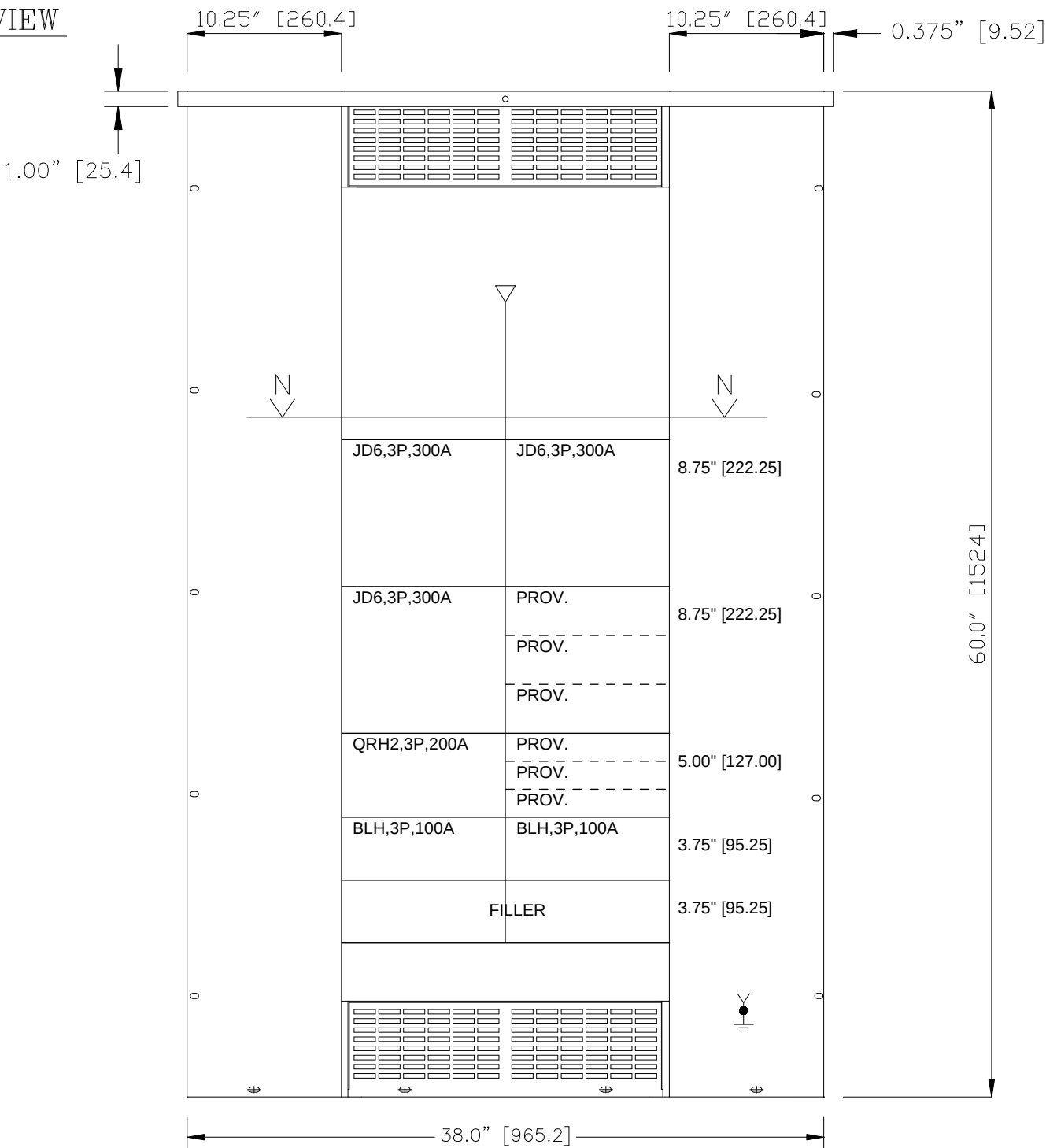
((SEAL

INCH" [MM]



TAG : [DP25]

PLAN VIEW EEMAC 2 (Dripproof)



FRONT VIEW

INTERIOR: 30"
USED SPACE: 26.25"
AMPACITY: 1200A
SEQUENCE #: 013
SECTION #: N/A

REVISION

00) ISSUED

BY

IQS

DATE

25-03-2021

CHECK

DATE

VERIF

DATE

CUSTOMER

GERRIE ELECTRIC WHOLESALE LTD

PROJECT

Forestsides Estates Attmar & Palleschi Drive

SIEMENS

REF

S5

1 OF 2

AECBUCD-013-2B-S1

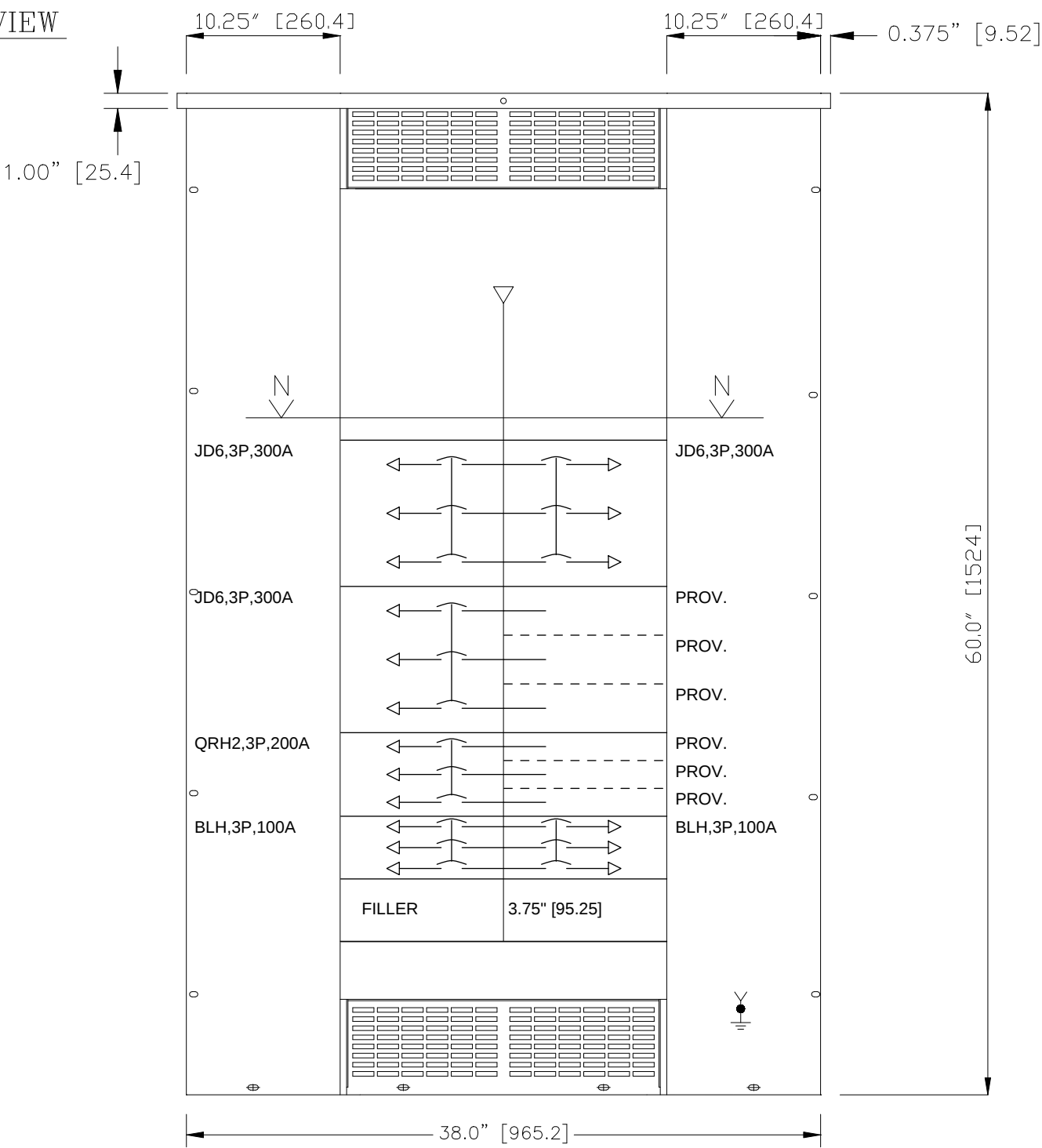
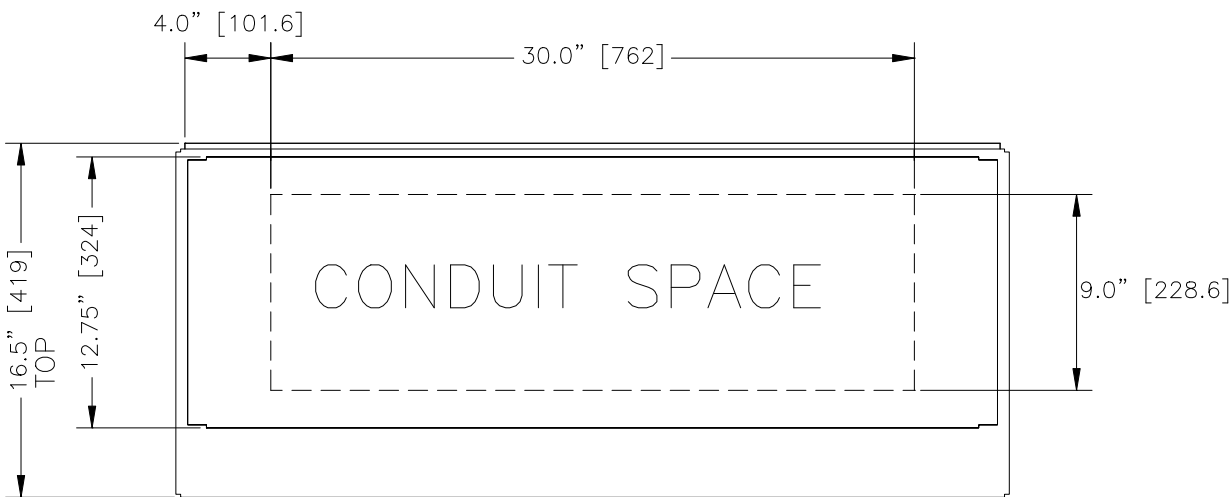
TITLE INTERIOR DEVICES LAYOUT

OF S5 POWERPANEL

DRAWING No.

S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING. FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED. FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION. CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

(SEAL) INCH [MM]



TAG : [DP25]

PLAN VIEW EEMAC 2 (Dripproof)

FRONT VIEW

INTERIOR: 30"
USED SPACE: 26.25"
AMPACITY: 1200A

SEQUENCE #: 013
SECTION #: N/A

REVISION

00) ISSUED

BY

IQS

DATE

25-03-2021

CHECK

DATE

VERIF

DATE

CUSTOMER

GERRIE ELECTRIC WHOLESALE LTD

PROJECT

Forestsides Estates Attmar & Palleschi Drive

SIEMENS

REF

S5

2 OF 2

DRAWING No.

AECBUCD-013-2B-S2

TITLE INTERIOR DEVICES LAYOUT

OF S5 POWERPANEL

copying of this document, and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. offenders are liable to the payment of damages. all rights are reserved in the event of the grant of patent or the registration of a utility model or design.

FEEDER BREAKER TYPE	AMPS	CABLE PER LUG	LUG WIRE RANGE
BQ, BQH, BQHF BL, BLH, HBL, HBQ	15 – 20	1	#14 – #10 AWG Cu
			#12 – #10 AWG Al
	25 – 35	1	#8 – #6 AWG Cu
			#8 – #6 AWG Al
	40 – 50	1	#8 – #6 AWG Cu
			#8 – #4 AWG Al
	55 – 70	1	#8 – #4 AWG Cu
			#8 – #2 AWG Al
	80 – 100	1	#4 – #1/0 AWG Cu
			#2 – #1/0 AWG Al
BQD, BQD6	110 – 125	1	#2 – #1/0 AWG Cu
			#1/0 – #2/0 AWG Al
	15 – 40	1	#14 – #6 AWG Cu
			#12 – #6 AWG Al
	45 – 100	1	#8 – #1 AWG Cu
			#6 – #1/0 AWG Al
	60 – 225	1	#6 AWG – 300 KCMIL Cu
			#4 AWG – 300 KCMIL Al
	15 – 25	1	#14 – #10 AWG Cu
			#12 – #10 AWG Al
All 2, 3POLE ED2, ED4, ED6 HED4, HHED6	30–100	1	#10 – #1/0 AWG Cu or Al
	110 – 125	1	#3 – #3/0 AWG Cu
			#1 – #2/0 AWG Al
	30 – 60	1	#1 – #4 AWG Cu or Al
	70 – 100	1	#4 – #1/0 AWG Cu or Al
FXD6, FD6, HFD6, CFD6, HHFD6	70 – 250	1	#6 AWG – 350 KCMIL Cu
			#4 AWG – 350 KCMIL Al
JXD2, JXD6, JD6, SJD6, HJD6, SHJD6 HHJXD6, HHJD6, CJD6, SCJD6	200 – 400	1 – 2	#3/0 AWG – 500 KCMIL Cu
			#4/0 AWG – 500 KCMIL Al
LXD6, LD6, SLD6, HLD6, HHLXD6 HHLD6, SHLD6, CLD6, SCLD6	250 – 600	1 – 2	#3/0 AWG – 500 KCMIL Cu
			#4/0 AWG – 500 KCMIL Al
LMD6, LMXD6, HLMD6, HLMXD6 MD6, MXD6, SMD6, HMD6, HMXD6 SHMD6, CMD6, SCMD6	500 – 600 700 – 800	1 – 2	250 – 500 KCMIL Cu or Al
			#1/0 AWG – 500 KCMIL Cu or Al
ND6, NXD6, SND6, HND6M HNXD6 SHND6, CND6, SCND6	800 – 1200	1 – 4	250 – 500 KCMIL Cu or Al
NGB2, HGB2, LGB2	15 – 30	1	#14 – #6 AWG Cu
			#12 – #6 AWG Al
	35 – 125	1	#8 – #1/0 AWG Cu
			#8 – #2/0 AWG Al
QR2, QRH2, HQR2, HQR2H	100 – 225	1	#3 AWG – 300 KCMIL Cu or Al
3VA52 – (MFAS, HFAS, CFAS)	40 – 250	1	#6 AWG – 350 KCMIL Cu or Al #10 – 3/0 AWG Cu or Al
3VA61 – (MDAE, HDAE, CDAE, LDAE)	40 – 100	1	#6 AWG – 350 KCMIL Cu or Al #14 – #1/0 AWG Cu or Al
3VA62 – (MFAE, HFAE, CFAE, LFAE)	100 – 250	1	#6 AWG – 350 KCMIL Cu or Al #14 – #1/0 AWG Cu or Al

03) 3VA Frames added.	PBM	05/2020				
02) Typo FXD5 corrected for FXD6	VD	08/2017				
01) ADDED NGB2, HGB2, LGB2, QR2, QRH2, HQR2	BL	08/2017				
00) ISSUED FOR APPROVAL	IQS	12/2014				
REVISION	BY	DATE	CHECK	DATE	VERIF	DATE

CUSTOMER	PROJECT	EATL – NEWELL				

SIEMENS	TITLE	FEEDER BRK STANDARD CABLE LUG SIZE				
	REF	DRAWING No. R15-03-2402				

Approval Drawings for PanelBoard

Order # AECBUCD
Revision #

Item# 14

TAG(S):[DP26]

QTY 1 only S5 45" Int. Tin Plated Aluminum Top Entry
120/208V 3PH 4W 1200A SC=22KA Surface Trim
Main device:MLO
Connector Size: (4) -#1/0AWG - 750MCM
Branch device: 3 JD6 3 Pole 300A
1 QRH2 3 Pole 200A
4 BLH 3 Pole 30A
Filler: 1 Filler 15.00"

Specifications:

Enclosure Type 2
Aluminum Ground Bus 40 Connections

S.C. : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

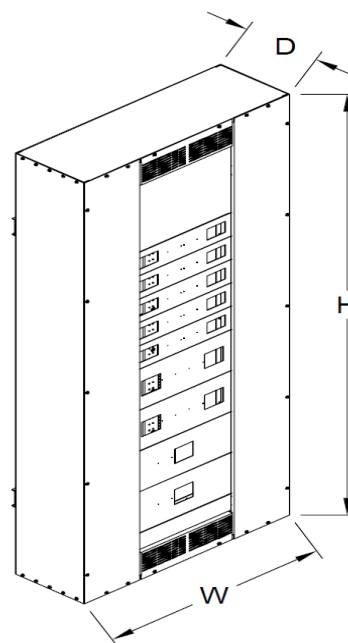
Panel Box Size : Height: 75.00" Width: 38.00" Depth: 12.75"

GENERAL SPECIFICATIONS TYPICAL PANELBOARD S5

ENCLOSURE CODE GAUGE STEEL
BLANK ENDS (NO KNOCKOUTS) REMOVABLE
GUTTERS COVERS ON FRONT.

FINISH: GREY ASA-61

PANELBOARD HAVE INTERIOR ASSEMBLED WITH
ALUMINUM BUS BARS UNLESS OTHERWISE NOTED.



MAIN BREAKER STD CONNECTORS

AMPERE RATING	CONNECTORS RANGE/PHASE
400-600A	(1,2) #3/0-500MCM CU or (1) #4/0-500MCM AL
800A	(1-3) 1/0-500MCM CU/AL
1200A	(1-3) 1/0-500MCM CU/AL

STD MAIN LUGS CONNECTORS

AMPERE RATING	CONNECTORS RANGE/PHASE
225A-400A	(1) #1/0-750MCM CU/AL or (2) #1/0-250MCM CU/AL
600A	(2) #1/0-750MCM CU/AL or (4) #1/0-250MCM CU/AL
800A	(3) #1/0-750MCM CU/AL or (6) #1/0-250MCM CU/AL
1200A	(4) #1/0-750MCM CU/AL or (8) #1/0-250MCM CU/AL

ABBREVIATIONS

TYPE	DESCRIPTION
MTG. S/F :	MOUNTING SURFACE
MAIN LUGS T/B :	MAIN INCOMING LUG AT TOP OR BOTTOM
MAIN BRK T/B :	MAIN BREAKER AT TOP OR BOTTOM
PROV. :	PROVISION WITH CONNECTOR KIT
F.T.L. :	FEED THRU. LUGS
S.F.L. :	SUB FEED LUGS
I.C. :	INTERRUPTING CAPACITY

PANELBOARD STD DIMENSIONS:

38" (965mm)W x 12.75" (324mm)D (TYPE 1 or 2).
38" (965mm)W x 14.25" (362mm)D (TYPE 3 or 12).

WEIGHT (Approximate):

Total panelboard weight when filled with a normal quantity of breakers and accessories is about 10 lbs. (1 kg) per inch (54g per mm) of box height.

NOTES :

Seq#14 [DP26]

Project Name:

Foretside Estates

Attmar & Palleschi Drive

Customer: GERRIE ELECTRIC WHOLESALE LTD

S.O. : AECBUCD

P.O. : 5160004

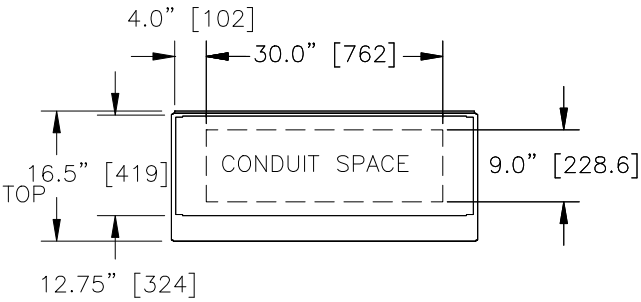
Date: dd/mm/yyyy

25-03-2021

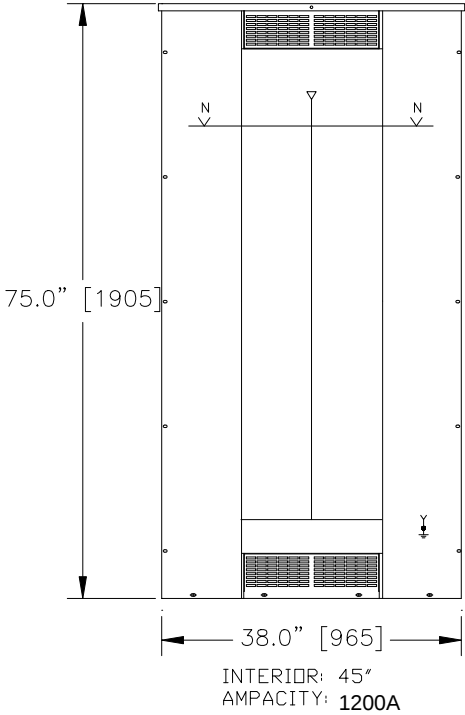
Rev:

S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING.
FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED
FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION.
CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

PLAN VIEW EEMAC 2 (Dripproof)



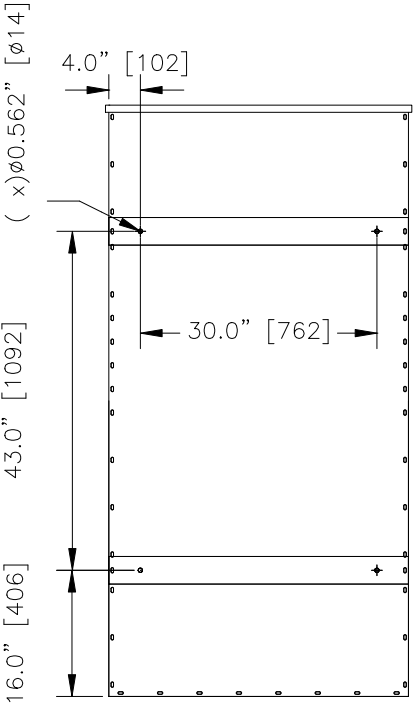
FRONT VIEW



– SYSTEM AND TECHNICAL DATA –

- SYSTEM: 120/208V, 3 PHASE 4 WIRES, 1200 AMPS
- BUS BAR TYPE: TIN PLATED ALUMINUM
- MAIN DEVICE: MLO
- SHORT CIRCUIT RATING: 22 KA
- LUG DETAIL: (Conductor size based on alum. wire/cable)
 - JD BREAKER FRAME 200-400A (2) #4/0 AWG-500MCM
 - QR BREAKER FRAME 100-250A (1) #3 AWG-300MCM

MTG DETAILS

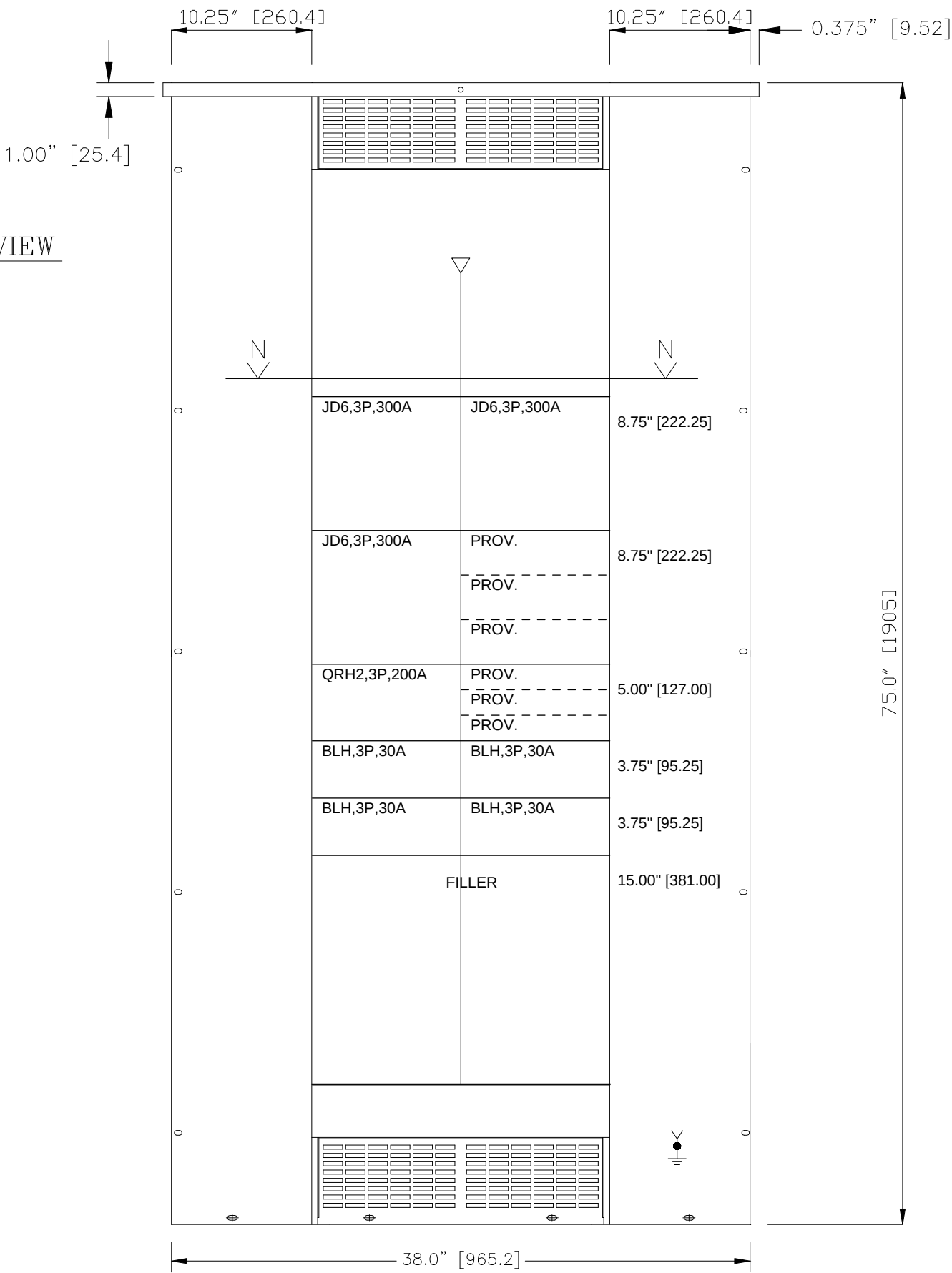
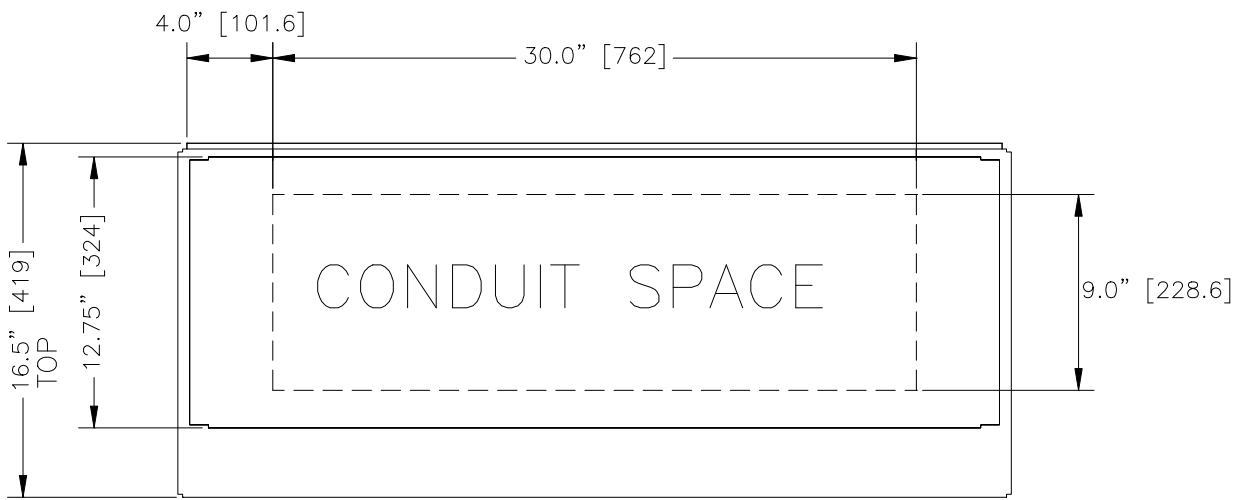


							⌂ SEAL		INCH" [MM]		TAG : [DP26]						
REVISION			BY	DATE	CHECK	DATE	VERIF	DATE	CUSTOMER GERRIE ELECTRIC WHOLESALE LTD					SIEMENS		TITLE GENERAL ARRANGEMENT OF S5 POWER PANEL	
00) ISSUED			IQS	dd/mm/yyyy 25-03-2021													
								PROJECT Foretside Estates Attmar & Palleschi Drive									
													REF S5		DRAWING No. AECBUCD-014-1B		

S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING. FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED. FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION. CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

((SEAL

INCH [MM]



TAG : [DP26]

INTERIOR: 45"
USED SPACE: 30.00"
AMPACITY: 1200A

SEQUENCE #: 014
SECTION #: N/A

REVISION

00) ISSUED

BY

DATE

CHECK

DATE

VERIF

DATE

CUSTOMER

GERRIE ELECTRIC WHOLESALE LTD

PROJECT

Forestsides Estates Attmar & Palleschi Drive

SIEMENS

TITLE INTERIOR DEVICES LAYOUT

REF

S5

1 OF 2

AECBUCD-014-2B-S1

DRAWING No.

S5 IS A WALL SUPPORTED POWERPANEL. BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 55°C OVER AMBIENT TEMPERATURE OF 40°C, AT MAXIMUM CURRENT RATING. FRONT ACCESS REQUIRED FOR TERMINATION. THIS POWERPANEL IS CAPABLE OF WITHSTANDING THE MARKED S.C. LEVEL BUT IS LIMITED TO THE LOWEST MARKED I.C. OF THE BREAKERS OR FUSES INSTALLED. FEEDER DEVICES ARE RATED FOR 80% OF FULL LOAD INDICATED (REFER TO INTERIOR DEVICE LAYOUT). 100% RATED IS AN OPTION. CAUTION: WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE, A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

((SEAL

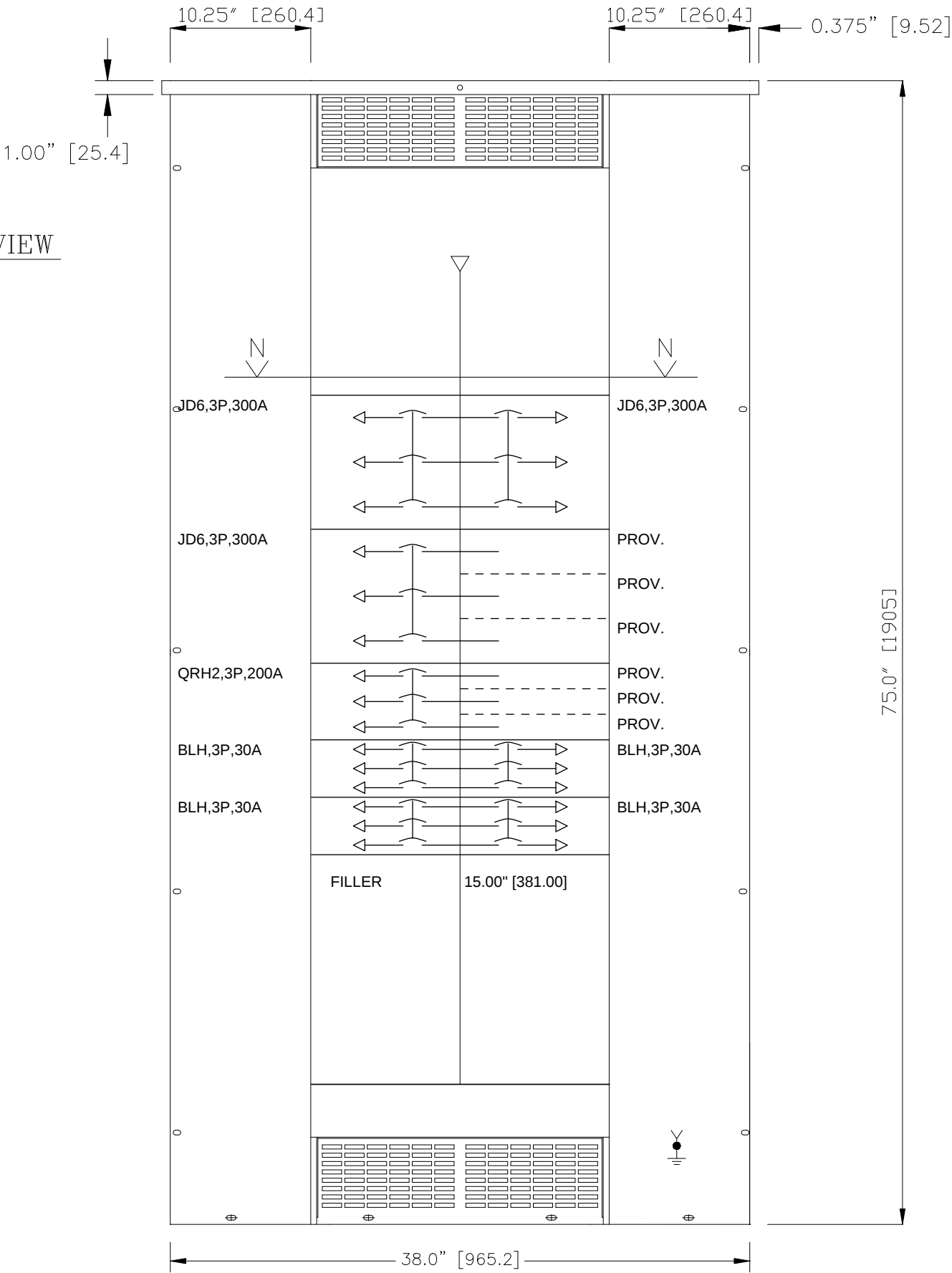
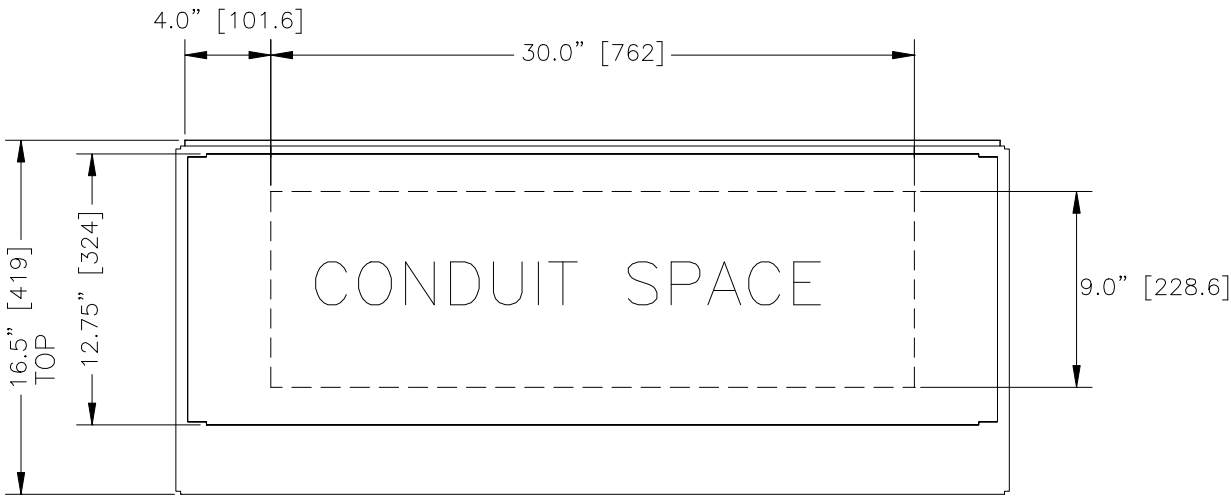
INCH [MM]

M-200

MLOBreakerPortraitLayout17.5TopLYDripNS1275-ND30-75-E

TAG : [DP26]

PLAN VIEW EEMAC 2 (Dripproof)



FRONT VIEW

INTERIOR: 45"
USED SPACE: 30.00"
AMPACITY: 1200A
SEQUENCE #: 014
SECTION #: N/A

REVISION

00) ISSUED

BY

IQS

DATE

25-03-2021

CHECK

DATE

VERIF

DATE

CUSTOMER

GERRIE ELECTRIC WHOLESALE LTD

PROJECT

Forestsides Estates Attmar & Palleschi Drive

SIEMENS

TITLE INTERIOR DEVICES LAYOUT

DF S5 POWERPANEL

REF

S5

2 OF 2

DRAWING No.

AECBUCD-014-2B-S2

copying of this document, and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. offenders are liable to the payment of damages. all rights are reserved in the event of the grant of patent or the registration of a utility model or design.

FEEDER BREAKER TYPE	AMPS	CABLE PER LUG	LUG WIRE RANGE
BQ, BQH, BQHF BL, BLH, HBL, HBQ	15 – 20	1	#14 – #10 AWG Cu
			#12 – #10 AWG Al
	25 – 35	1	#8 – #6 AWG Cu
			#8 – #6 AWG Al
	40 – 50	1	#8 – #6 AWG Cu
			#8 – #4 AWG Al
	55 – 70	1	#8 – #4 AWG Cu
			#8 – #2 AWG Al
	80 – 100	1	#4 – #1/0 AWG Cu
			#2 – #1/0 AWG Al
BQD, BQD6	110 – 125	1	#2 – #1/0 AWG Cu
			#1/0 – #2/0 AWG Al
	15 – 40	1	#14 – #6 AWG Cu
			#12 – #6 AWG Al
	45 – 100	1	#8 – #1 AWG Cu
			#6 – #1/0 AWG Al
	60 – 225	1	#6 AWG – 300 KCMIL Cu
			#4 AWG – 300 KCMIL Al
	15 – 25	1	#14 – #10 AWG Cu
			#12 – #10 AWG Al
All 2, 3POLE ED2, ED4, ED6 HED4, HHED6	30–100	1	#10 – #1/0 AWG Cu or Al
	110 – 125	1	#3 – #3/0 AWG Cu
			#1 – #2/0 AWG Al
	30 – 60	1	#1 – #4 AWG Cu or Al
	70 – 100	1	#4 – #1/0 AWG Cu or Al
FXD6, FD6, HFD6, CFD6, HHFD6	70 – 250	1	#6 AWG – 350 KCMIL Cu
			#4 AWG – 350 KCMIL Al
JXD2, JXD6, JD6, SJD6, HJD6, SHJD6 HHJXD6, HHJD6, CJD6, SCJD6	200 – 400	1 – 2	#3/0 AWG – 500 KCMIL Cu
			#4/0 AWG – 500 KCMIL Al
LXD6, LD6, SLD6, HLD6, HHLXD6 HHLD6, SHLD6, CLD6, SCLD6	250 – 600	1 – 2	#3/0 AWG – 500 KCMIL Cu
			#4/0 AWG – 500 KCMIL Al
LMD6, LMXD6, HLMD6, HLMXD6 MD6, MXD6, SMD6, HMD6, HMXD6 SHMD6, CMD6, SCMD6	500 – 600 700 – 800	1 – 2	250 – 500 KCMIL Cu or Al
ND6, NXD6, SND6, HND6M HNXD6 SHND6, CND6, SCND6	800 – 1200	1 – 4	250 – 500 KCMIL Cu or Al
NGB2, HGB2, LGB2	15 – 30	1	#14 – #6 AWG Cu
		1	#12 – #6 AWG Al
	35 – 125	1	#8 – #1/0 AWG Cu
		1	#8 – #2/0 AWG Al
QR2, QRH2, HQR2, HQR2H	100 – 225	1	#3 AWG – 300 KCMIL Cu or Al
3VA52 – (MFAS, HFAS, CFAS)	40 – 250	1	#6 AWG – 350 KCMIL Cu or Al #10 – 3/0 AWG Cu or Al
3VA61 – (MDAE, HDAE, CDAE, LDAE)	40 – 100	1	#6 AWG – 350 KCMIL Cu or Al #14 – #1/0 AWG Cu or Al
3VA62 – (MFAE, HF AE, CFAE, LFAE)	100 – 250	1	#6 AWG – 350 KCMIL Cu or Al #14 – #1/0 AWG Cu or Al

03) 3VA Frames added.	PBM	05/2020				
02) Typo FXD5 corrected for FXD6	VD	08/2017				
01) ADDED NGB2, HGB2, LGB2, QR2, QRH2, HQR2	BL	08/2017				
00) ISSUED FOR APPROVAL	IQS	12/2014				
REVISION	BY	DATE	CHECK	DATE	VERIF	DATE

CUSTOMER	PROJECT
EATL – NEWELL	



TITLE	FEEDER BRK STANDARD CABLE LUG SIZE
REF	DRAWING No. R15-03-2402

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 15

TAG(S):[SP61]

QTY 1 only P2 18 CCT'S Tin Plated Aluminum Top Entry
347/600V 3PH 4W 125A SC=10KA Surface Mounted

Tub: DSB52026
Trim: S26B
Interior:

Main device:MLO
Branch device: 4 BQD6 3 Pole 30A BQD6330
1 BQD6 3 Pole PROV
3 BQD6 1 Pole PROV

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 18 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Panel Box Size : Height: 26.00" Width: 20.00" Depth: 5.75"

125A MLO 3Ø 4W

1	▲	○		○		○	2	3"[76]	A
3	▲						4	B	B
5	▲						6	MTG	C
7	▲	BQD6,3P,30A		BQD6,3P,30A			8	3"[76]	A
9	▲						10	B	B
11	▲						12	MTG	C
13	▲	BQD6,3P,30A		BQD6,3P,30A			14	KIT	C
15	▲						16	3"[76]	A
17	▲	BQD6,3P,PROV		1/PROV			18	B	B
				1/PROV				MTG	C
				1/PROV				KIT	C

Panel Designation: [SP61]

Seq # 015 Qty: 1

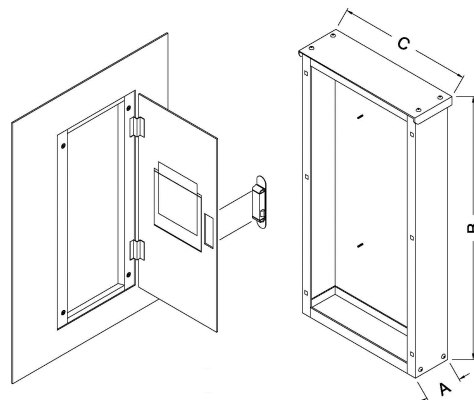
Panel type:	P2
# of circuits:	18 cct's
Catalog #:	P2L18ML125ATS
Enclosure type:	Type 2
Voltage:	347/600V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	125A Tin Plated Aluminum
Cables entry:	Top
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(1) #6-2/0
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (4) BQD6 3/30A
- (1) BQD6 3/PROV
- (3) BQD6 1/PROV

Modifications:

Number Strips 1 To 18 Cct's



Dimensions : A=5.75" [146mm] B=26.00" [660mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 16

TAG(S):[DPE21]

QTY 1 only P1 42 CCT'S Tin Plated Aluminum Top Entry
120/208V 3PH 4W 400A SC=10KA Surface Mounted

Tub: DSB52068
Trim: S68B
Interior: P1C42ML400AT

Main device:MLO

Mechanical Aluminum Lugs
(2) 1/0 awg to 250 kcmil (Al/Cu) or
(1) #2 awg to 600 kcmil (Al/Cu)

Branch device:	2 BL	3 Pole 20A	B320
	3 BL	3 Pole 15A	B315
	1 BL	3 Pole 60A	B360
	5 BL	3 Pole 100A	B3100
	9	1 Pole PROV	

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections
Subfeed Area Provided

Modifications:

Number Strips 1 To 42 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 68.00" Width: 20.00" Depth: 5.75"

400A MLO 3Ø 4W

				
1	BL,3P,100A	BL,3P,100A	2	3"[76] A
3			4	B B
5			6	MTG C
7	BL,3P,100A	BL,3P,100A	8	3"[76] A
9			10	B B
11			12	MTG C
13	BL,3P,100A	BL,3P,60A	14	3"[76] A
15			16	B B
17			18	MTG C
19	BL,3P,20A	BL,3P,20A	20	3"[76] A
21			22	B B
23			24	MTG C
25	BL,3P,15A	BL,3P,15A	26	3"[76] A
27			28	B B
29			30	MTG C
31	BL,3P,15A	1/PROV	32	3"[76] A
33		1/PROV	34	B B
35		1/PROV	36	MTG C
37	1/PROV	1/PROV	38	3"[76] A
39	1/PROV	1/PROV	40	B B
41	1/PROV	1/PROV	42	MTG C
				KIT
	Subfeed Area Provided			

Panel Designation: [DPE21]

Seq # 016 Qty: 1

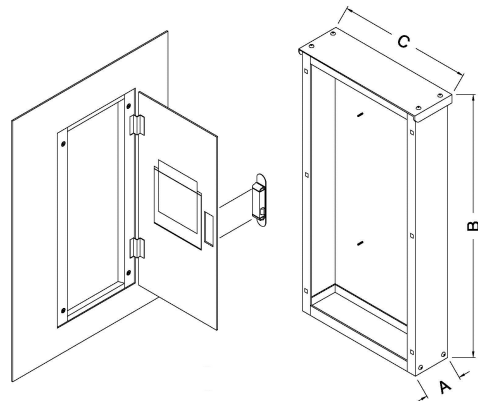
Panel type:	P1
# of circuits:	42 cct's
Catalog #:	P1C42ML400ATST
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	400A Tin Plated Aluminum
Cables entry:	Top
Panel mounting:	Surface
Service entrance:	None
Main connections sizes:	(2) 1/0 awg to 250 kcmil (Al/Cu) or (1) #2 awg to 600 kcmil (Al/Cu)
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (2) BL 3/20A
- (3) BL 3/15A
- (1) BL 3/60A
- (5) BL 3/100A
- (9) 1/PROV

Modifications:

Number Strips 1 To 42 Cct's



Dimensions : A=5.75" [146mm] B=68.00" [1727mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoard

Order # AECBUCD
Revision #

Item# 17

TAG(S):[R1]

QTY 1 only P3 54 CCT'S Tin Plated Aluminum Bottom Entry
 120/208V 3PH 4W 600A SC=22KA Surface Mounted

Tub: DSB73062
 Trim: 30P3S62C
 Interior:

Main device:MLO
 Branch device: 1 BLH 3 Pole 15A B315H
 22 BLH 2 Pole 100A B2100H
 1 BL 1 Pole PROV
 6 1 Pole SPACE

Specifications:

Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 30.00" Depth: 7.75"

600A MLO 3Ø 4W

1	1/SPACE	1/SPACE	2
3	1/SPACE	1/SPACE	4
5	1/SPACE	1/SPACE	6
7	1/PROV		8
9		BLH,2P,100A	10
11	BLH,2P,100A		12
13		BLH,2P,100A	14
15	BLH,2P,100A		16
17		BLH,2P,100A	18
19	BLH,2P,100A		20
21		BLH,2P,100A	22
23	BLH,2P,100A		24
25		BLH,2P,100A	26
27	BLH,2P,100A		28
29		BLH,2P,100A	30
31	BLH,2P,100A		32
33		BLH,2P,100A	34
35	BLH,2P,100A		36
37		BLH,2P,100A	38
39	BLH,2P,100A		40
41		BLH,2P,100A	42
43	BLH,2P,100A		44
45		BLH,2P,100A	46
47	BLH,2P,100A		48
49		BLH,2P,100A	50
51			52
53	BLH,3P,15A	BLH,2P,100A	54

**Panel Designation:** [R1]

Seq # 017 Qty: 1

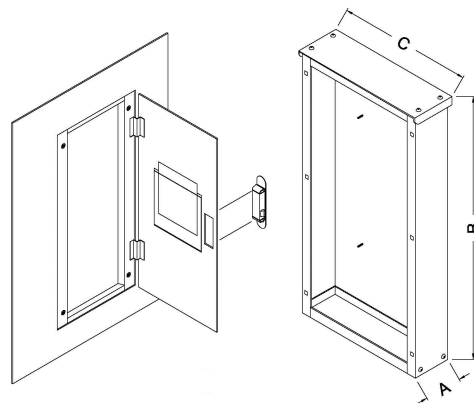
Panel type:	P3
# of circuits:	54 cct's
Catalog #:	P3C54ML600ABS
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	22kA
Main bus:	600A Tin Plated Aluminum
Cables entry:	Bottom
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(2) #2-600 MCM
Main type:	MLO on Bottom
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (1) BLH 3/15A
 (22) BLH 2/100A
 (1) BL 1/PROV
 (6) 1/SPACE

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=7.75" [197mm] B=62.00" [1575mm] C=30.00" [762mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 18

TAG(S):[R2]

QTY 1 only P3 54 CCT'S Tin Plated Aluminum Bottom Entry
120/208V 3PH 4W 600A SC=22KA Surface Mounted

Tub: DSB73062
Trim: 30P3S62C
Interior:

Main device:MLO
Branch device: 1 BLH 3 Pole 15A B315H
22 BLH 2 Pole 100A B2100H
1 BL 1 Pole PROV
6 1 Pole SPACE

Specifications:

Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 30.00" Depth: 7.75"

600A MLO 3Ø 4W**Panel Designation:** [R2]

Seq # 018 Qty: 1

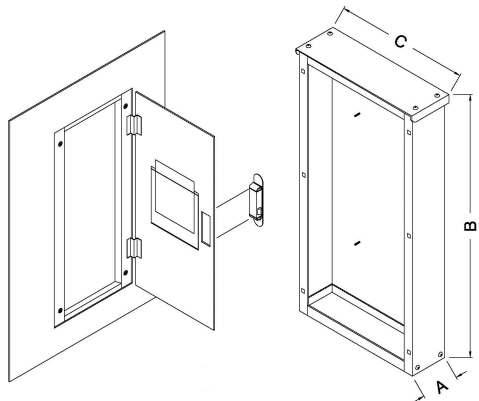
Panel type:	P3
# of circuits:	54 cct's
Catalog #:	P3C54ML600ABS
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	22kA
Main bus:	600A Tin Plated Aluminum
Cables entry:	Bottom
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(2) #2-600 MCM
Main type:	MLO on Bottom
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

(1) BLH 3/15A
 (22) BLH 2/100A
 (1) BL 1/PROV
 (6) 1/SPACE

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=7.75" [197mm] B=62.00" [1575mm] C=30.00" [762mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 19

TAG(S):[R3]

QTY 1 only P3 54 CCT'S Tin Plated Aluminum Top Entry
120/208V 3PH 4W 600A SC=22KA Surface Mounted

Tub: DSB73062
Trim: 30P3S62C
Interior:

Main device:MLO
Branch device: 1 BLH 3 Pole 15A B315H
22 BLH 2 Pole 100A B2100H
1 BL 1 Pole PROV
6 1 Pole SPACE

Specifications:

Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 30.00" Depth: 7.75"

600A MLO 3Ø 4W

1	BLH,3P,15A	BLH,2P,100A	2	3"[76]	A
3			4	B	B
5		BLH,2P,100A	6	MTG	C
7	BLH,2P,100A		8	3"[76]	A
9		BLH,2P,100A	10	B	B
11	BLH,2P,100A		12	MTG	C
13		BLH,2P,100A	14	3"[76]	A
15	BLH,2P,100A		16	B	B
17		BLH,2P,100A	18	MTG	C
19	BLH,2P,100A		20	3"[76]	A
21		BLH,2P,100A	22	B	B
23	BLH,2P,100A		24	MTG	C
25		BLH,2P,100A	26	3"[76]	A
27	BLH,2P,100A		28	B	B
29		BLH,2P,100A	30	MTG	C
31	BLH,2P,100A		32	3"[76]	A
33		BLH,2P,100A	34	B	B
35	BLH,2P,100A		36	MTG	C
37		BLH,2P,100A	38	3"[76]	A
39	BLH,2P,100A		40	B	B
41		BLH,2P,100A	42	MTG	C
43	BLH,2P,100A		44	3"[76]	A
45		BLH,2P,100A	46	B	B
47	1/PROV		48	MTG	C
49	1/SPACE	1/SPACE	50		
51	1/SPACE	1/SPACE	52		
53	1/SPACE	1/SPACE	54		

Panel Designation: [R3]

Seq # 019 Qty: 1

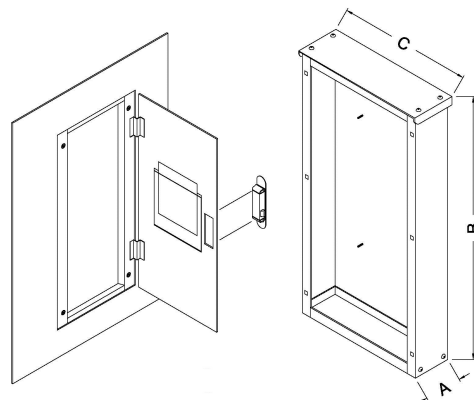
Panel type:	P3
# of circuits:	54 cct's
Catalog #:	P3C54ML600ATS
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	22kA
Main bus:	600A Tin Plated Aluminum
Cables entry:	Top
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(2) #2-600 MCM
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (1) BLH 3/15A
 (22) BLH 2/100A
 (1) BL 1/PROV
 (6) 1/SPACE

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=7.75" [197mm] B=62.00" [1575mm] C=30.00" [762mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoard

Order # **AECBUCD**

Revision #

Item# 20

TAG(S):[R4]

QTY 1 only P3 54 CCT'S Tin Plated Aluminum Bottom Entry
120/208V 3PH 4W 600A SC=22KA Surface Mounted

Tub: DSB73062
Trim: 30P3S62C
Interior:

Main device:MLO
Branch device: 1 BLH 3 Pole 15A B315H
16 BLH 2 Pole 100A B2100H
1 BL 1 Pole PROV
18 1 Pole SPACE

Specifications:

Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 30.00" Depth: 7.75"

600A MLO 3Ø 4W

1	1/SPACE	1/SPACE	2
3	1/SPACE	1/SPACE	4
5	1/SPACE	1/SPACE	6
7	1/SPACE	1/SPACE	8
9	1/SPACE	1/SPACE	10
11	1/SPACE	1/SPACE	12
13	1/SPACE	1/SPACE	14
15	1/SPACE	1/SPACE	16
17	1/SPACE	1/SPACE	18
19	1/PROV		20
21		BLH,2P,100A	22
23	BLH,2P,100A		24
25		BLH,2P,100A	26
27	BLH,2P,100A		28
29		BLH,2P,100A	30
31	BLH,2P,100A		32
33		BLH,2P,100A	34
35	BLH,2P,100A		36
37		BLH,2P,100A	38
39	BLH,2P,100A		40
41		BLH,2P,100A	42
43	BLH,2P,100A		44
45		BLH,2P,100A	46
47	BLH,2P,100A		48
49		BLH,2P,100A	50
51			52
53	BLH,3P,15A	BLH,2P,100A	54

**Panel Designation:** [R4]

Seq # 020 Qty: 1

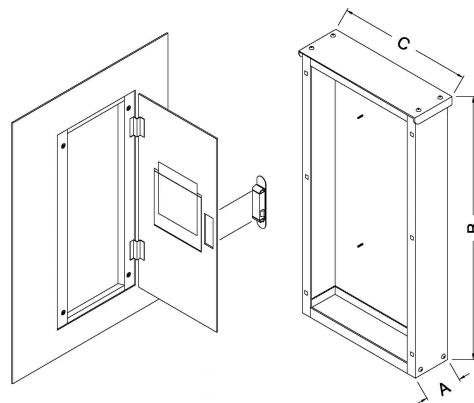
Panel type:	P3
# of circuits:	54 cct's
Catalog #:	P3C54ML600ABS
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	22kA
Main bus:	600A Tin Plated Aluminum
Cables entry:	Bottom
Panel mounting:	Surface
Service entrance:	None
Main connections sizes:	(2) #2-600 MCM
Main type:	MLO on Bottom
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (1) BLH 3/15A
 (16) BLH 2/100A
 (1) BL 1/PROV
 (18) 1/SPACE

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=7.75" [197mm] B=62.00" [1575mm] C=30.00" [762mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoard

Order # **AECBUCD**

Revision #

Item# 21

TAG(S):[R5]

QTY 1 only P3 54 CCT'S Tin Plated Aluminum Bottom Entry
120/208V 3PH 4W 600A SC=22KA Surface Mounted

Tub: DSB73062
Trim: 30P3S62C
Interior:

Main device:MLO
Branch device: 1 BLH 3 Pole 15A B315H
16 BLH 2 Pole 100A B2100H
1 BL 1 Pole PROV
18 1 Pole SPACE

Specifications:

Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 30.00" Depth: 7.75"

600A MLO 3Ø 4W

1	1/SPACE	1/SPACE	2
3	1/SPACE	1/SPACE	4
5	1/SPACE	1/SPACE	6
7	1/SPACE	1/SPACE	8
9	1/SPACE	1/SPACE	10
11	1/SPACE	1/SPACE	12
13	1/SPACE	1/SPACE	14
15	1/SPACE	1/SPACE	16
17	1/SPACE	1/SPACE	18
19	1/PROV		20
21		BLH,2P,100A	22
23	BLH,2P,100A		24
25		BLH,2P,100A	26
27	BLH,2P,100A		28
29		BLH,2P,100A	30
31	BLH,2P,100A		32
33		BLH,2P,100A	34
35	BLH,2P,100A		36
37		BLH,2P,100A	38
39	BLH,2P,100A		40
41		BLH,2P,100A	42
43	BLH,2P,100A		44
45		BLH,2P,100A	46
47	BLH,2P,100A		48
49		BLH,2P,100A	50
51			52
53	BLH,3P,15A	BLH,2P,100A	54

**Panel Designation:** [R5]

Seq # 021 Qty: 1

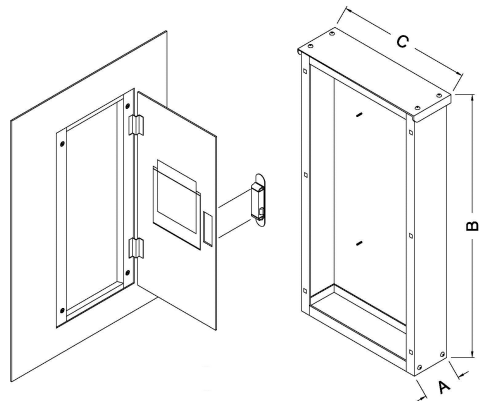
Panel type:	P3
# of circuits:	54 cct's
Catalog #:	P3C54ML600ABS
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	22kA
Main bus:	600A Tin Plated Aluminum
Cables entry:	Bottom
Panel mounting:	Surface
Service entrance:	None
Main connections sizes:	(2) #2-600 MCM
Main type:	MLO on Bottom
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (1) BLH 3/15A
 (16) BLH 2/100A
 (1) BL 1/PROV
 (18) 1/SPACE

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=7.75" [197mm] B=62.00" [1575mm] C=30.00" [762mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Siemens Canada Limited (IQS v8.37.0)

Page 1 of 1

Approval Drawings for PanelBoard

Order # AECBUCD
Revision #

Item# 22

TAG(S):[R6]

QTY 1 only P3 54 CCT'S Tin Plated Aluminum Bottom Entry
 120/208V 3PH 4W 600A SC=22KA Surface Mounted

Tub: DSB73062
 Trim: 30P3S62C
 Interior:

Main device:MLO
 Branch device: 1 BLH 3 Pole 15A B315H
 16 BLH 2 Pole 100A B2100H
 1 BL 1 Pole PROV
 18 1 Pole SPACE

Specifications:

Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 30.00" Depth: 7.75"

600A MLO 3Ø 4W

1	1/SPACE	1/SPACE	2
3	1/SPACE	1/SPACE	4
5	1/SPACE	1/SPACE	6
7	1/SPACE	1/SPACE	8
9	1/SPACE	1/SPACE	10
11	1/SPACE	1/SPACE	12
13	1/SPACE	1/SPACE	14
15	1/SPACE	1/SPACE	16
17	1/SPACE	1/SPACE	18
19	1/PROV		20
21		BLH,2P,100A	22
23	BLH,2P,100A		24
25		BLH,2P,100A	26
27	BLH,2P,100A		28
29		BLH,2P,100A	30
31	BLH,2P,100A		32
33		BLH,2P,100A	34
35	BLH,2P,100A		36
37		BLH,2P,100A	38
39	BLH,2P,100A		40
41		BLH,2P,100A	42
43	BLH,2P,100A		44
45		BLH,2P,100A	46
47	BLH,2P,100A		48
49		BLH,2P,100A	50
51			52
53	BLH,3P,15A	BLH,2P,100A	54

**Panel Designation:** [R6]

Seq # 022 Qty: 1

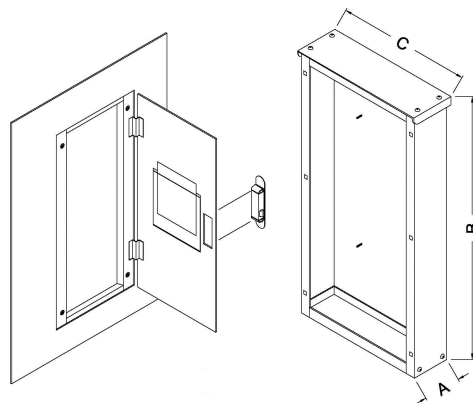
Panel type:	P3
# of circuits:	54 cct's
Catalog #:	P3C54ML600ABS
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	22kA
Main bus:	600A Tin Plated Aluminum
Cables entry:	Bottom
Panel mounting:	Surface
Service entrance:	None
Main connections sizes:	(2) #2-600 MCM
Main type:	MLO on Bottom
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (1) BLH 3/15A
 (16) BLH 2/100A
 (1) BL 1/PROV
 (18) 1/SPACE

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=7.75" [197mm] B=62.00" [1575mm] C=30.00" [762mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoard

Order # **AECBUCD**

Revision #

Item# 23

TAG(S):[R7]

QTY 1 only P3 54 CCT'S Tin Plated Aluminum Bottom Entry
120/208V 3PH 4W 600A SC=22KA Surface Mounted

Tub: DSB73062
Trim: 30P3S62C
Interior:

Main device:MLO
Branch device: 1 BLH 3 Pole 15A B315H
21 BLH 2 Pole 100A B2100H
3 BL 1 Pole PROV
6 1 Pole SPACE

Specifications:

Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 30.00" Depth: 7.75"

600A MLO 3Ø 4W

1	1/SPACE	1/SPACE	2	
3	1/SPACE	1/SPACE	4	
5	1/SPACE	1/SPACE	6	
7	1/PROV	1/PROV	8	3"[76] B MTG KIT A
9		1/PROV	10	B B
11	BLH,2P,100A		12	C C
13		BLH,2P,100A	14	3"[76] B MTG KIT A
15	BLH,2P,100A		16	B B
17		BLH,2P,100A	18	C C
19	BLH,2P,100A		20	3"[76] B MTG KIT A
21		BLH,2P,100A	22	B B
23	BLH,2P,100A		24	C C
25		BLH,2P,100A	26	3"[76] B MTG KIT A
27	BLH,2P,100A		28	B B
29		BLH,2P,100A	30	C C
31	BLH,2P,100A		32	3"[76] B MTG KIT A
33		BLH,2P,100A	34	B B
35	BLH,2P,100A		36	C C
37		BLH,2P,100A	38	3"[76] B MTG KIT A
39	BLH,2P,100A		40	B B
41		BLH,2P,100A	42	C C
43	BLH,2P,100A		44	3"[76] B MTG KIT A
45		BLH,2P,100A	46	B B
47	BLH,2P,100A		48	C C
49		BLH,2P,100A	50	3"[76] B MTG KIT A
51			52	B B
53	BLH,3P,15A	BLH,2P,100A	54	C C

**Panel Designation:** [R7]

Seq # 023 Qty: 1

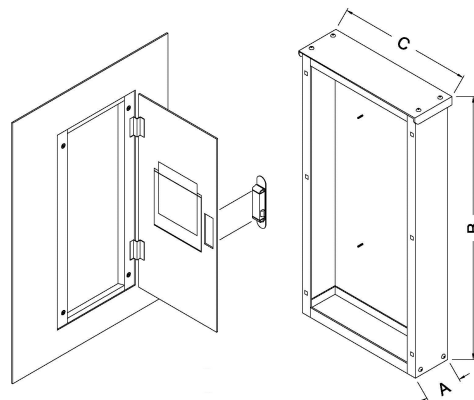
Panel type:	P3
# of circuits:	54 cct's
Catalog #:	P3C54ML600ABS
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	22kA
Main bus:	600A Tin Plated Aluminum
Cables entry:	Bottom
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(2) #2-600 MCM
Main type:	MLO on Bottom
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (1) BLH 3/15A
 (21) BLH 2/100A
 (3) BL 1/PROV
 (6) 1/SPACE

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=7.75" [197mm] B=62.00" [1575mm] C=30.00" [762mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoard

Order # **AECBUCD**

Revision #

Item# 24

TAG(S):[R8]

QTY 1 only P3 54 CCT'S Tin Plated Aluminum Bottom Entry
120/208V 3PH 4W 600A SC=22KA Surface Mounted

Tub: DSB73062
Trim: 30P3S62C
Interior:

Main device:MLO
Branch device: 1 BLH 3 Pole 15A B315H
22 BLH 2 Pole 100A B2100H
1 BL 1 Pole PROV
6 1 Pole SPACE

Specifications:

Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 30.00" Depth: 7.75"

600A MLO 3Ø 4W**Panel Designation:** [R8]

Seq # 024 Qty: 1

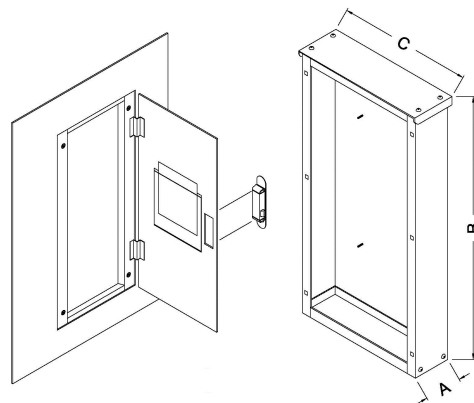
Panel type:	P3
# of circuits:	54 cct's
Catalog #:	P3C54ML600ABS
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	22kA
Main bus:	600A Tin Plated Aluminum
Cables entry:	Bottom
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(2) #2-600 MCM
Main type:	MLO on Bottom
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (1) BLH 3/15A
 (22) BLH 2/100A
 (1) BL 1/PROV
 (6) 1/SPACE

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=7.75" [197mm] B=62.00" [1575mm] C=30.00" [762mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 27

TAG(S):[G120] [EG120]

QTY 2 only P1 42 CCT'S Tin Plated Aluminum Top Entry
120/208V 3PH 4W 250A SC=10KA Surface Mounted

Tub: DSB52038
Trim: S38B
Interior: P1C42ML250AN

Main device:MLO

Mechanical Aluminum Lugs
(1) #6 awg to 350 kcmil (Al/Cu)

Branch device: 20 BL 1 Pole 15A B115
22 1 Pole PROV

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections
Subfeed Area Not Provided

Modifications:

Number Strips 1 To 42 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 38.00" Width: 20.00" Depth: 5.75"

250A MLO 3Ø 4W

1	BL,1P,15A	BL,1P,15A	2	3"[76]	A
3	BL,1P,15A	BL,1P,15A	4	B	B
5	BL,1P,15A	BL,1P,15A	6	MTG	C
7	BL,1P,15A	BL,1P,15A	8	KIT	C
9	BL,1P,15A	BL,1P,15A	10	3"[76]	A
11	BL,1P,15A	BL,1P,15A	12	B	B
13	BL,1P,15A	BL,1P,15A	14	MTG	C
15	BL,1P,15A	BL,1P,15A	16	KIT	C
17	BL,1P,15A	BL,1P,15A	18	3"[76]	A
19	BL,1P,15A	BL,1P,15A	20	B	B
21	1/PROV	1/PROV	22	MTG	C
23	1/PROV	1/PROV	24	KIT	C
25	1/PROV	1/PROV	26	3"[76]	A
27	1/PROV	1/PROV	28	B	B
29	1/PROV	1/PROV	30	MTG	C
31	1/PROV	1/PROV	32	KIT	C
33	1/PROV	1/PROV	34	3"[76]	A
35	1/PROV	1/PROV	36	B	B
37	1/PROV	1/PROV	38	MTG	C
39	1/PROV	1/PROV	40	KIT	C
41	1/PROV	1/PROV	42	3"[76]	A

Subfeed Area
Not Provided

Panel Designation: [G120] [EG120]

Seq # 027 Qty: 2

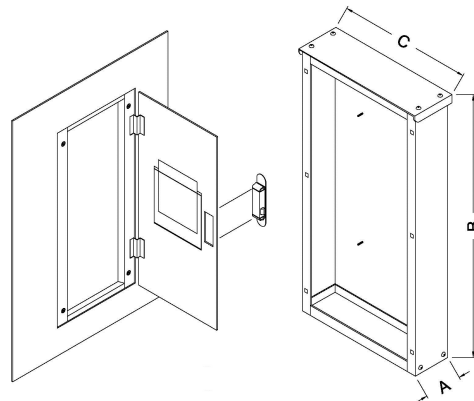
Panel type:	P1
# of circuits:	42 cct's
Catalog #:	P1C42ML250ATSN
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	250A Tin Plated Aluminum
Cables entry:	Top
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(1) #6 awg to 350 kcmil (Al/Cu)
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

(20) BL 1/15A
(22) 1/PROV

Modifications:

Number Strips 1 To 42 Cct's



Dimensions : A=5.75" [146mm] B=38.00" [965mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 28

TAG(S):[B3]

QTY 1 only P1 42 CCT'S Tin Plated Aluminum Top Entry
120/208V 3PH 4W 400A SC=10KA Surface Mounted

Tub: DSB52062
Trim: S62B
Interior: P1C42ML400AN

Main device:MLO

Mechanical Aluminum Lugs
(2) 1/0 awg to 250 kcmil (Al/Cu) or
(1) #2 awg to 600 kcmil (Al/Cu)

Branch device:	29 BL	1 Pole 15A	B115
	1 BL	1 Pole 20A	B120
	2 BL	2 Pole 80A	B280
	1 BL	2 Pole 100A	B2100
	3 BL	2 Pole 30A	B230

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections
Subfeed Area Not Provided

To be 60 Circuits

Modifications:

Number Strips 1 To 42 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 20.00" Depth: 5.75"

400A MLO 3Ø 4W

						
1	BL,2P,100A		BL,2P,80A	2	3"[76] B	A
3				4	MTG	B
5	BL,2P,80A		BL,2P,30A	6	KIT	C
7				8	3"[76] B	A
9	BL,2P,30A		BL,2P,30A	10	MTG	B
11				12	KIT	C
13	BL,1P,20A		BL,1P,15A	14	3"[76] B	A
15	BL,1P,15A		BL,1P,15A	16	MTG	B
17	BL,1P,15A		BL,1P,15A	18	KIT	C
19	BL,1P,15A		BL,1P,15A	20	3"[76] B	A
21	BL,1P,15A		BL,1P,15A	22	MTG	B
23	BL,1P,15A		BL,1P,15A	24	KIT	C
25	BL,1P,15A		BL,1P,15A	26	3"[76] B	A
27	BL,1P,15A		BL,1P,15A	28	MTG	B
29	BL,1P,15A		BL,1P,15A	30	KIT	C
31	BL,1P,15A		BL,1P,15A	32	3"[76] B	A
33	BL,1P,15A		BL,1P,15A	34	MTG	B
35	BL,1P,15A		BL,1P,15A	36	KIT	C
37	BL,1P,15A		BL,1P,15A	38	3"[76] B	A
39	BL,1P,15A		BL,1P,15A	40	MTG	B
41	BL,1P,15A		BL,1P,15A	42	KIT	C
		Subfeed Area Not Provided				

Panel Designation: [B3]

Seq # 028 Qty: 1

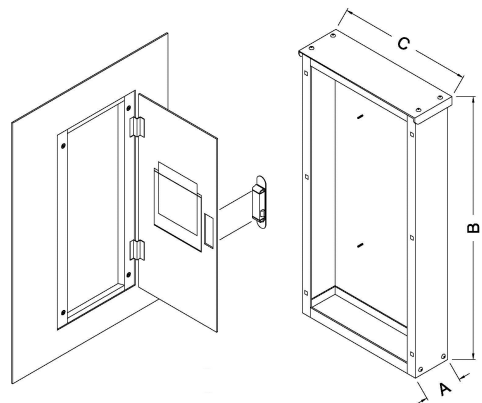
Panel type:	P1
# of circuits:	42 cct's
Catalog #:	P1C42ML400ATSN
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	400A Tin Plated Aluminum
Cables entry:	Top
Panel mounting:	Surface
Service entrance:	None
Main connections sizes:	(2) 1/0 awg to 250 kcmil (Al/Cu) or (1) #2 awg to 600 kcmil (Al/Cu)
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

(29)	BL 1/15A
(1)	BL 1/20A
(2)	BL 2/80A
(1)	BL 2/100A
(3)	BL 2/30A

Modifications:

Number Strips 1 To 42 Cct's



Dimensions : A=5.75" [146mm] B=62.00" [1575mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 29

TAG(S):[B2]

QTY 1 only P1 42 CCT'S Tin Plated Aluminum Top Entry
120/208V 3PH 4W 400A SC=10KA Surface Mounted

Tub: DSB52062
Trim: S62B
Interior: P1C42ML400AN

Main device:MLO

Mechanical Aluminum Lugs
(2) 1/0 awg to 250 kcmil (Al/Cu) or
(1) #2 awg to 600 kcmil (Al/Cu)

Branch device:	29 BL	1 Pole 15A	B115
	1 BL	1 Pole 20A	B120
	2 BL	2 Pole 80A	B280
	1 BL	2 Pole 100A	B2100
	3 BL	2 Pole 30A	B230

To be 60 Circuits

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections
Subfeed Area Not Provided

Modifications:

Number Strips 1 To 42 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 20.00" Depth: 5.75"

Panel Designation: [B2]

Seq # 029 Qty: 1

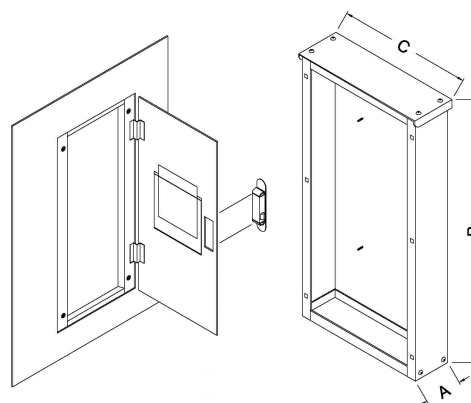
Panel type:	P1
# of circuits:	42 cct's
Catalog #:	P1C42ML400ATSN
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	400A Tin Plated Aluminum
Cables entry:	Top
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(2) 1/0 awg to 250 kcmil (Al/Cu) or (1) #2 awg to 600 kcmil (Al/Cu)
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

(29) BL 1/15A
(1) BL 1/20A
(2) BL 2/80A
(1) BL 2/100A
(3) BL 2/30A

Modifications:

Number Strips 1 To 42 Cct's



Dimensions : A=5.75" [146mm] B=62.00" [1575mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Sales Order No.:

AECBUCD

Purchase Order No.:

5160004

Quote No.:

20821030-074311A2

DATE: (dd/mm/yyyy)

25-03-2021

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 30

TAG(S):[B1]

QTY 1 only P1 42 CCT'S Tin Plated Aluminum Top Entry
120/208V 3PH 4W 400A SC=10KA Surface Mounted

Tub: DSB52062
Trim: S62B
Interior: P1C42ML400AN

Main device:MLO

Mechanical Aluminum Lugs
(2) 1/0 awg to 250 kcmil (Al/Cu) or
(1) #2 awg to 600 kcmil (Al/Cu)

Branch device:	28 BL	1 Pole 15A	B115
	2 BL	1 Pole 20A	B120
	1 BL	2 Pole 100A	B2100
	3 BL	2 Pole 30A	B230
	2 BL	2 Pole 80A	B280

To be 60 Circuits

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections
Subfeed Area Not Provided

Modifications:

Number Strips 1 To 42 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 20.00" Depth: 5.75"

Panel Designation: [B1]

Seq # 030 Qty: 1

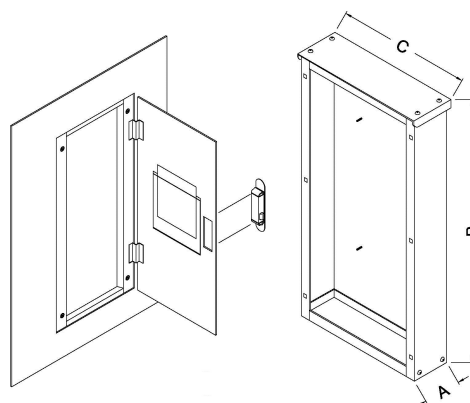
Panel type:	P1
# of circuits:	42 cct's
Catalog #:	P1C42ML400ATSN
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	400A Tin Plated Aluminum
Cables entry:	Top
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(2) 1/0 awg to 250 kcmil (Al/Cu) or (1) #2 awg to 600 kcmil (Al/Cu)
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

(28) BL 1/15A
(2) BL 1/20A
(1) BL 2/100A
(3) BL 2/30A
(2) BL 2/80A

Modifications:

Number Strips 1 To 42 Cct's



Dimensions : A=5.75" [146mm] B=62.00" [1575mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Siemens Canada Limited (IQS v8.37.0)

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 31

TAG(S):[B4]

QTY 1 only P1 42 CCT'S Tin Plated Aluminum Top Entry
 120/208V 3PH 4W 400A SC=10KA Surface Mounted

Tub: DSB52062
 Trim: S62B
 Interior: P1C42ML400AN

Main device:MLO

Mechanical Aluminum Lugs
 (2) 1/0 awg to 250 kcmil (Al/Cu) or
 (1) #2 awg to 600 kcmil (Al/Cu)

To be 60 Circuits

Branch device:	29 BL	1 Pole 15A	B115
	2 BL	2 Pole 80A	B280
	1 BL	1 Pole 20A	B120
	1 BL	2 Pole 100A	B2100
	3 BL	2 Pole 30A	B230

Specifications:

Enclosure Type 2
 Aluminum Ground Bus 44 Connections
 Subfeed Area Not Provided

Modifications:

Number Strips 1 To 42 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 20.00" Depth: 5.75"

400A MLO 3Ø 4W

1	BL,2P,100A	BL,2P,80A	2	3"[76]	A
3			4	B	B
5	BL,2P,80A	BL,2P,30A	6	MTG	C
7			8	3"[76]	A
9	BL,2P,30A	BL,2P,30A	10	B	B
11			12	MTG	C
13	BL,1P,20A	BL,1P,15A	14	3"[76]	A
15	BL,1P,15A	BL,1P,15A	16	B	B
17	BL,1P,15A	BL,1P,15A	18	MTG	C
19	BL,1P,15A	BL,1P,15A	20	3"[76]	A
21	BL,1P,15A	BL,1P,15A	22	B	B
23	BL,1P,15A	BL,1P,15A	24	MTG	C
25	BL,1P,15A	BL,1P,15A	26	3"[76]	A
27	BL,1P,15A	BL,1P,15A	28	B	B
29	BL,1P,15A	BL,1P,15A	30	MTG	C
31	BL,1P,15A	BL,1P,15A	32	3"[76]	A
33	BL,1P,15A	BL,1P,15A	34	B	B
35	BL,1P,15A	BL,1P,15A	36	MTG	C
37	BL,1P,15A	BL,1P,15A	38	3"[76]	A
39	BL,1P,15A	BL,1P,15A	40	B	B
41	BL,1P,15A	BL,1P,15A	42	MTG	C
				KIT	B

Subfeed Area
Not Provided

Panel Designation: [B4]

Seq # 031 Qty: 1

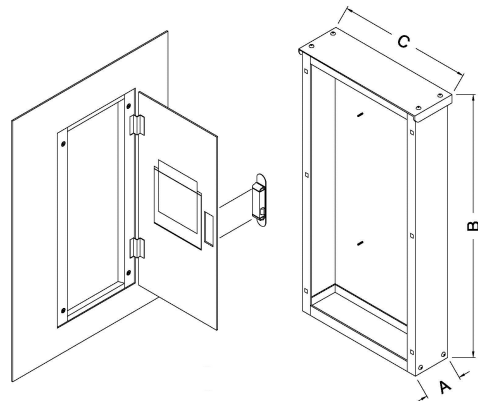
Panel type:	P1
# of circuits:	42 cct's
Catalog #:	P1C42ML400ATSN
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	400A Tin Plated Aluminum
Cables entry:	Top
Panel mounting:	Surface
Service entrance:	None
Main connections sizes:	(2) 1/0 awg to 250 kcmil (Al/Cu) or (1) #2 awg to 600 kcmil (Al/Cu)
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (29) BL 1/15A
(2) BL 2/80A
(1) BL 1/20A
(1) BL 2/100A
(3) BL 2/30A

Modifications:

Number Strips 1 To 42 Cct's



Dimensions : A=5.75" [146mm] B=62.00" [1575mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoard

Order # **AECBUCD**

Revision #

Item# 32

TAG(S):[EB1]

QTY 1 only P1 42 CCT'S Tin Plated Aluminum Top Entry
120/208V 3PH 4W 250A SC=10KA Surface Mounted

Tub: DSB52038
Trim: S38B
Interior: P1C42ML250AN

Main device:MLO

Mechanical Aluminum Lugs
(1) #6 awg to 350 kcmil (Al/Cu)

Branch device: 36 BL 1 Pole 15A B115
1 BL 2 Pole 20A B220
4 1 Pole PROV

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections
Subfeed Area Not Provided

Modifications:

Number Strips 1 To 42 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 38.00" Width: 20.00" Depth: 5.75"

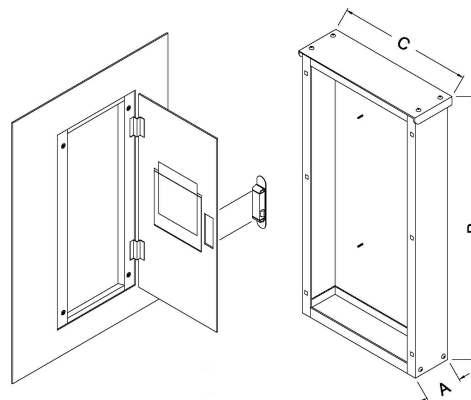
Panel Designation: [EB1]

Seq # 032 Qty: 1

Panel type:	P1
# of circuits:	42 cct's
Catalog #:	P1C42ML250ATSN
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	250A Tin Plated Aluminum
Cables entry:	Top
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(1) #6 awg to 350 kcmil (Al/Cu)
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

(36) BL 1/15A
(1) BL 2/20A
(4) 1/PROV

Number Strips 1 To 42 Cct's



Dimensions : A=5.75" [146mm] B=38.00" [965mm] C=20.00" [508mm]

Foretside Estates
Attmar & Palleschi Drive

AECBUCD

5160004

20821030-074311A2

25-03-2021

GERRIE ELECTRIC WHOLESALE LTD

Siemens Canada Limited (IQS v8.37.0)

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 33

TAG(S):[EB2]

QTY 1 only P1 42 CCT'S Tin Plated Aluminum Top Entry
120/208V 3PH 4W 250A SC=10KA Surface Mounted

Tub: DSB52038
Trim: S38B
Interior: P1C42ML250AN

Main device:MLO

Mechanical Aluminum Lugs
(1) #6 awg to 350 kcmil (Al/Cu)

Branch device: 35 BL 1 Pole 15A B115
7 1 Pole PROV

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections
Subfeed Area Not Provided

Modifications:

Number Strips 1 To 42 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 38.00" Width: 20.00" Depth: 5.75"

250A MLO 3Ø 4W

1	BL,1P,15A	BL,1P,15A	2	3"[76]	A
3	BL,1P,15A	BL,1P,15A	4	B	B
5	BL,1P,15A	BL,1P,15A	6	MTG	C
7	BL,1P,15A	BL,1P,15A	8	KIT	C
9	BL,1P,15A	BL,1P,15A	10	3"[76]	A
11	BL,1P,15A	BL,1P,15A	12	B	B
13	BL,1P,15A	BL,1P,15A	14	MTG	C
15	BL,1P,15A	BL,1P,15A	16	KIT	C
17	BL,1P,15A	BL,1P,15A	18	3"[76]	A
19	BL,1P,15A	BL,1P,15A	20	B	B
21	BL,1P,15A	BL,1P,15A	22	MTG	C
23	BL,1P,15A	BL,1P,15A	24	KIT	C
25	BL,1P,15A	BL,1P,15A	26	3"[76]	A
27	BL,1P,15A	BL,1P,15A	28	B	B
29	BL,1P,15A	BL,1P,15A	30	MTG	C
31	BL,1P,15A	BL,1P,15A	32	KIT	C
33	BL,1P,15A	BL,1P,15A	34	3"[76]	A
35	BL,1P,15A	BL,1P,15A	36	B	B
37	1/PROV	1/PROV	38	MTG	C
39	1/PROV	1/PROV	40	KIT	C
41	1/PROV	1/PROV	42	3"[76]	A
				B	B
				MTG	C
				KIT	C

Subfeed Area
Not Provided

Panel Designation: [EB2]

Seq # 033 Qty: 1

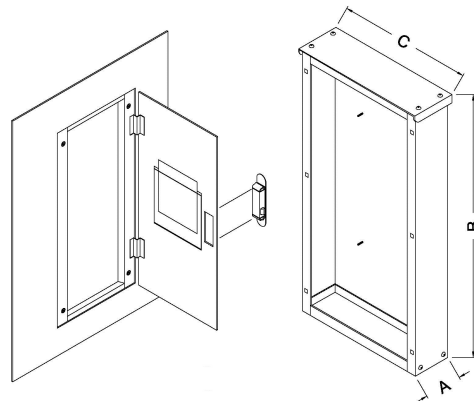
Panel type:	P1
# of circuits:	42 cct's
Catalog #:	P1C42ML250ATSN
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	250A Tin Plated Aluminum
Cables entry:	Top
Panel mounting:	Surface
Service entrance:	None
Main connections sizes:	(1) #6 awg to 350 kcmil (Al/Cu)
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

(35) BL 1/15A
(7) 1/PROV

Modifications:

Number Strips 1 To 42 Cct's



Dimensions : A=5.75" [146mm] B=38.00" [965mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoard

Order # **AECBUCD**

Revision #

Item# 34

TAG(S):[EB3]

QTY 1 only P1 42 CCT'S Tin Plated Aluminum Top Entry
120/208V 3PH 4W 250A SC=10KA Surface Mounted

Tub: DSB52038
Trim: S38B
Interior: P1C42ML250AN

Main device:MLO

Mechanical Aluminum Lugs
(1) #6 awg to 350 kcmil (Al/Cu)

Branch device: 36 BL 1 Pole 15A B115
6 1 Pole PROV

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections
Subfeed Area Not Provided

Modifications:

Number Strips 1 To 42 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 38.00" Width: 20.00" Depth: 5.75"

250A MLO 3Ø 4W

1	BL,1P,15A	BL,1P,15A	2	3"[76]	A
3	BL,1P,15A	BL,1P,15A	4	B	B
5	BL,1P,15A	BL,1P,15A	6	MTG	C
7	BL,1P,15A	BL,1P,15A	8	KIT	C
9	BL,1P,15A	BL,1P,15A	10	3"[76]	A
11	BL,1P,15A	BL,1P,15A	12	B	B
13	BL,1P,15A	BL,1P,15A	14	MTG	C
15	BL,1P,15A	BL,1P,15A	16	KIT	C
17	BL,1P,15A	BL,1P,15A	18	3"[76]	A
19	BL,1P,15A	BL,1P,15A	20	B	B
21	BL,1P,15A	BL,1P,15A	22	MTG	C
23	BL,1P,15A	BL,1P,15A	24	KIT	C
25	BL,1P,15A	BL,1P,15A	26	3"[76]	A
27	BL,1P,15A	BL,1P,15A	28	B	B
29	BL,1P,15A	BL,1P,15A	30	MTG	C
31	BL,1P,15A	BL,1P,15A	32	KIT	C
33	BL,1P,15A	BL,1P,15A	34	3"[76]	A
35	BL,1P,15A	BL,1P,15A	36	B	B
37	1/PROV	1/PROV	38	MTG	C
39	1/PROV	1/PROV	40	KIT	C
41	1/PROV	1/PROV	42	3"[76]	A
				B	B
				MTG	C
				KIT	C

Subfeed Area
Not Provided

Panel Designation: [EB3]

Seq # 034 Qty: 1

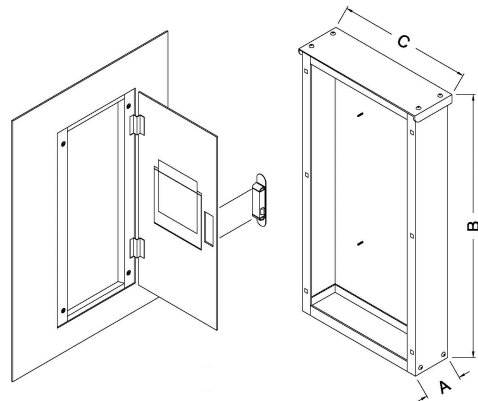
Panel type:	P1
# of circuits:	42 cct's
Catalog #:	P1C42ML250ATSN
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	250A Tin Plated Aluminum
Cables entry:	Top
Panel mounting:	Surface
Service entrance:	None
Main connections sizes:	(1) #6 awg to 350 kcmil (Al/Cu)
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

(36) BL 1/15A
(6) 1/PROV

Modifications:

Number Strips 1 To 42 Cct's



Dimensions : A=5.75" [146mm] B=38.00" [965mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 35

TAG(S):[EB4]

QTY 1 only P1 42 CCT'S Tin Plated Aluminum Top Entry
120/208V 3PH 4W 250A SC=10KA Surface Mounted

Tub: DSB52044
Trim: S44B
Interior: P1C42ML250AT

Main device:MLO

Mechanical Aluminum Lugs
(1) #6 awg to 350 kcmil (Al/Cu)

Branch device: 36 BL 1 Pole 15A B115
6 1 Pole PROV

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections
Subfeed Area Provided

Modifications:

Number Strips 1 To 42 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not Blueline Type)

Panel Box Size : Height: 44.00" Width: 20.00" Depth: 5.75"

250A MLO 3Ø 4W

1	BL,1P,15A	BL,1P,15A	2	3"[76]	A
3	BL,1P,15A	BL,1P,15A	4	B	B
5	BL,1P,15A	BL,1P,15A	6	MTG	C
7	BL,1P,15A	BL,1P,15A	8	KIT	C
9	BL,1P,15A	BL,1P,15A	10	3"[76]	A
11	BL,1P,15A	BL,1P,15A	12	B	B
13	BL,1P,15A	BL,1P,15A	14	MTG	C
15	BL,1P,15A	BL,1P,15A	16	KIT	C
17	BL,1P,15A	BL,1P,15A	18	3"[76]	A
19	BL,1P,15A	BL,1P,15A	20	B	B
21	BL,1P,15A	BL,1P,15A	22	MTG	C
23	BL,1P,15A	BL,1P,15A	24	KIT	C
25	BL,1P,15A	BL,1P,15A	26	3"[76]	A
27	BL,1P,15A	BL,1P,15A	28	B	B
29	BL,1P,15A	BL,1P,15A	30	MTG	C
31	BL,1P,15A	BL,1P,15A	32	KIT	C
33	BL,1P,15A	BL,1P,15A	34	3"[76]	A
35	BL,1P,15A	BL,1P,15A	36	B	B
37	1/PROV	1/PROV	38	MTG	C
39	1/PROV	1/PROV	40	KIT	C
41	1/PROV	1/PROV	42	3"[76]	A
				B	B
				MTG	C
				KIT	C

Subfeed Area
Provided

Panel Designation: [EB4]

Seq # 035 Qty: 1

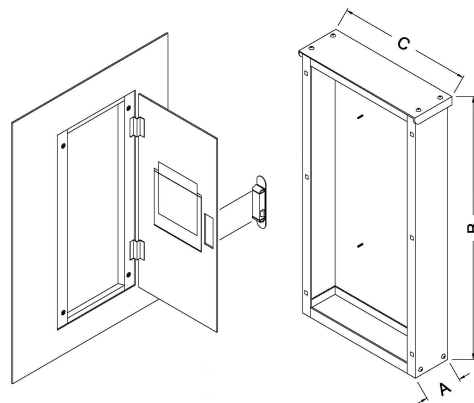
Panel type:	P1
# of circuits:	42 cct's
Catalog #:	P1C42ML250ATST
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	250A Tin Plated Aluminum
Cables entry:	Top
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(1) #6 awg to 350 kcmil (Al/Cu)
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

(36) BL 1/15A
(6) 1/PROV

Modifications:

Number Strips 1 To 42 Cct's



Dimensions : A=5.75" [146mm] B=44.00" [1118mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoard

Order # **AECBUCD**

Revision #

Item# 36

TAG(S):[M1]

QTY 1 only P2 66 CCT'S Tin Plated Aluminum Top Entry
120/208V 3PH 4W 400A SC=10KA Surface Mounted

Tub: DSB52062
Trim: S62B
Interior:

Main device:MLO			
Branch device:	24 BL	1 Pole 15A	B115
	3 BL	1 Pole 20A	B120
	4 BL	1 Pole 25A	B125
	2 BL	2 Pole 50A	B250
	2 BL	2 Pole 40A	B240
	2 BL	2 Pole 25A	B225
	4 BL	2 Pole 20A	B220
	2 BL	2 Pole 15A	B215
	5 BL	1 Pole PROV	
	6	1 Pole SPACE	

Confirm breaker
configuration

Specifications:

Enclosure Type 2
Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 20.00" Depth: 5.75"

400A MLO 3Ø 4W

				
1	BL,2P,50A	BL,2P,50A	2	3"[76] B
3			4	MTG B
5	BL,2P,40A	BL,2P,40A	6	KIT C
7			8	3"[76] B
9	BL,2P,25A	BL,2P,25A	10	MTG B
11			12	KIT C
13	BL,2P,20A	BL,2P,20A	14	3"[76] B
15			16	MTG B
17	BL,2P,20A	BL,2P,20A	18	KIT C
19			20	3"[76] B
21	BL,2P,15A	BL,2P,15A	22	MTG B
23			24	KIT C
25	BL,1P,25A	BL,1P,25A	26	3"[76] B
27	BL,1P,25A	BL,1P,25A	28	MTG B
29	BL,1P,20A	BL,1P,20A	30	KIT C
31	BL,1P,20A	BL,1P,15A	32	3"[76] B
33	BL,1P,15A	BL,1P,15A	34	MTG B
35	BL,1P,15A	BL,1P,15A	36	KIT C
37	BL,1P,15A	BL,1P,15A	38	3"[76] B
39	BL,1P,15A	BL,1P,15A	40	MTG B
41	BL,1P,15A	BL,1P,15A	42	KIT C
43	BL,1P,15A	BL,1P,15A	44	3"[76] B
45	BL,1P,15A	BL,1P,15A	46	MTG B
47	BL,1P,15A	BL,1P,15A	48	KIT C
49	BL,1P,15A	BL,1P,15A	50	3"[76] B
51	BL,1P,15A	BL,1P,15A	52	MTG B
53	BL,1P,15A	BL,1P,15A	54	KIT C
55	BL,1P,15A	1/PROV	56	3"[76] B
57	1/PROV	1/PROV	58	MTG B
59	1/PROV	1/PROV	60	KIT C
61	1/SPACE	1/SPACE	62	
63	1/SPACE	1/SPACE	64	
65	1/SPACE	1/SPACE	66	

Panel Designation: [M1]

Seq # 036 Qty: 1

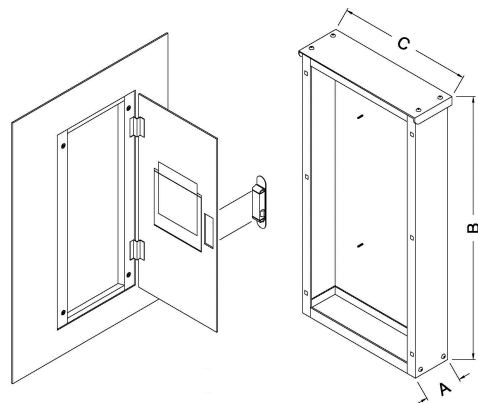
Panel type:	P2
# of circuits:	66 cct's
Catalog #:	P2C66ML400ATS
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	400A Tin Plated Aluminum
Cables entry:	Top
Panel mounting:	Surface
Service entrance:	None
Main connections sizes:	(1) #2-600 MCM & (1) 1/0-250 MCM or (2) 1/0-250 MCM
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

(24)	BL 1/15A	(6)	1/SPACE
(3)	BL 1/20A		
(4)	BL 1/25A		
(2)	BL 2/50A		
(2)	BL 2/40A		
(2)	BL 2/25A		
(4)	BL 2/20A		
(2)	BL 2/15A		
(5)	BL 1/PROV		

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=5.75" [146mm] B=62.00" [1575mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 38

TAG(S):[M2]

QTY 1 only P2 66 CCT'S Tin Plated Aluminum Top Entry
 120/208V 3PH 4W 400A SC=10KA Surface Mounted

Tub: DSB52062
 Trim: S62B
 Interior:

Main device:MLO
 Branch device: 33 BL 1 Pole 15A B115
 2 BL 2 Pole 15A B215
 2 BL 2 Pole 25A B225
 4 BL 2 Pole 20A B220
 2 BL 1 Pole 25A B125
 2 BL 2 Pole 50A B250
 2 BL 2 Pole 40A B240
 1 BL 1 Pole PROV
 6 1 Pole SPACE

Specifications:

Enclosure Type 2
 Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 20.00" Depth: 5.75"

400A MLO 3Ø 4W

1	BL,2P,50A	BL,2P,50A	2	3"[76]	A		
3			4	B	B		
5	BL,2P,40A	BL,2P,40A	6	MTG	C		
7			8	KIT	C		
9	BL,2P,25A	BL,2P,25A	10	3"[76]	A		
11			12	B	B		
13	BL,2P,20A	BL,2P,20A	14	MTG	C		
15			16	KIT	C		
17	BL,2P,20A	BL,2P,20A	18	3"[76]	A		
19			20	B	B		
21	BL,2P,15A	BL,2P,15A	22	MTG	C		
23			24	KIT	C		
25	BL,1P,25A	BL,1P,25A	26	3"[76]	A		
27	BL,1P,15A	BL,1P,15A	28	B	B		
29	BL,1P,15A	BL,1P,15A	30	MTG	C		
31	BL,1P,15A	BL,1P,15A	32	KIT	C		
33	BL,1P,15A	BL,1P,15A	34	3"[76]	A		
35	BL,1P,15A	BL,1P,15A	36	B	B		
37	BL,1P,15A	BL,1P,15A	38	MTG	C		
39	BL,1P,15A	BL,1P,15A	40	KIT	C		
41	BL,1P,15A	BL,1P,15A	42	3"[76]	A		
43	BL,1P,15A	BL,1P,15A	44	B	B		
45	BL,1P,15A	BL,1P,15A	46	MTG	C		
47	BL,1P,15A	BL,1P,15A	48	KIT	C		
49	BL,1P,15A	BL,1P,15A	50	3"[76]	A		
51	BL,1P,15A	BL,1P,15A	52	B	B		
53	BL,1P,15A	BL,1P,15A	54	MTG	C		
55	BL,1P,15A	BL,1P,15A	56	KIT	C		
57	BL,1P,15A	BL,1P,15A	58	3"[76]	A		
59	BL,1P,15A	1/PROV	60	B	B		
61	1/SPACE	1/SPACE	62	MTG	C		
63	1/SPACE	1/SPACE	64	KIT	C		
65	1/SPACE	1/SPACE	66				

Panel Designation: [M2]

Seq # 038 Qty: 1

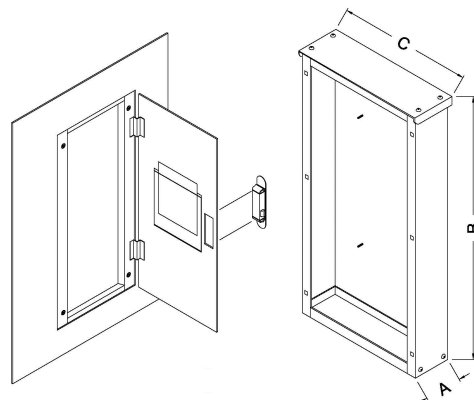
Panel type:	P2
# of circuits:	66 cct's
Catalog #:	P2C66ML400ATS
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	10kA
Main bus:	400A Tin Plated Aluminum
Cables entry:	Top
Panel mounting:	Surface
Service entrance:	None
Main connections sizes:	(1) #2-600 MCM & (1) 1/0-250 MCM or (2) 1/0-250 MCM
Main type:	MLO on Top
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

(33)	BL 1/15A
(2)	BL 2/15A
(2)	BL 2/25A
(4)	BL 2/20A
(2)	BL 1/25A
(2)	BL 2/50A
(2)	BL 2/40A
(1)	BL 1/PROV
(6)	1/SPACE

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=5.75" [146mm] B=62.00" [1575mm] C=20.00" [508mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Sales Order No.:

AECBUCD

Purchase Order No.:

5160004

Quote No.:

20821030-074311A2

DATE: (dd/mm/yyyy)

25-03-2021

Approval Drawings for PanelBoard

Order # **AECBUCD**

Revision #

Item# 60

TAG(S):[R9]

QTY 1 only P3 54 CCT'S Tin Plated Aluminum Bottom Entry
120/208V 3PH 4W 600A SC=22KA Surface Mounted

Tub: DSB73062
Trim: 30P3S62C
Interior:

Main device:MLO
Branch device: 1 BLH 3 Pole 15A B315H
20 BLH 2 Pole 100A B2100H
5 BL 1 Pole PROV
6 1 Pole SPACE

Specifications:

Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 30.00" Depth: 7.75"

600A MLO 3Ø 4W

1	1/SPACE	1/SPACE	2	
3	1/SPACE	1/SPACE	4	
5	1/SPACE	1/SPACE	6	
7	1/PROV	1/PROV	8	3"[76] B MTG KIT A
9	1/PROV	1/PROV	10	B B
11	1/PROV		12	C C
13		BLH,2P,100A	14	3"[76] B MTG KIT A
15	BLH,2P,100A		16	B B
17		BLH,2P,100A	18	C C
19	BLH,2P,100A		20	3"[76] B MTG KIT A
21		BLH,2P,100A	22	B B
23	BLH,2P,100A		24	C C
25		BLH,2P,100A	26	3"[76] B MTG KIT A
27	BLH,2P,100A		28	B B
29		BLH,2P,100A	30	C C
31	BLH,2P,100A		32	3"[76] B MTG KIT A
33		BLH,2P,100A	34	B B
35	BLH,2P,100A		36	C C
37		BLH,2P,100A	38	3"[76] B MTG KIT A
39	BLH,2P,100A		40	B B
41		BLH,2P,100A	42	C C
43	BLH,2P,100A		44	3"[76] B MTG KIT A
45		BLH,2P,100A	46	B B
47	BLH,2P,100A		48	C C
49		BLH,2P,100A	50	3"[76] B MTG KIT A
51			52	B B
53	BLH,3P,15A	BLH,2P,100A	54	C C

**Panel Designation:** [R9]

Seq # 060 Qty: 1

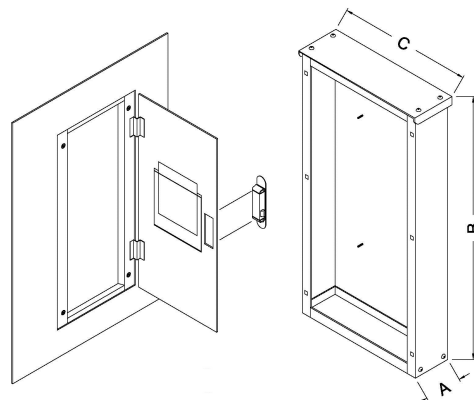
Panel type:	P3
# of circuits:	54 cct's
Catalog #:	P3C54ML600ABS
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	22kA
Main bus:	600A Tin Plated Aluminum
Cables entry:	Bottom
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(2) #2-600 MCM
Main type:	MLO on Bottom
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (1) BLH 3/15A
 (20) BLH 2/100A
 (5) BL 1/PROV
 (6) 1/SPACE

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=7.75" [197mm] B=62.00" [1575mm] C=30.00" [762mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

Approval Drawings for PanelBoardOrder # AECBUCDRevision #

Item# 61

TAG(S):[R10]

QTY 1 only P3 54 CCT'S Tin Plated Aluminum Bottom Entry
120/208V 3PH 4W 600A SC=22KA Surface Mounted

Tub: DSB73062
Trim: 30P3S62C
Interior:

Main device:MLO
Branch device: 1 BLH 3 Pole 15A B315H
20 BLH 2 Pole 100A B2100H
5 BL 1 Pole PROV
6 1 Pole SPACE

Specifications:

Aluminum Ground Bus 44 Connections

Modifications:

Number Strips 1 To 84 Cct's

Std Lead Time = Contact Siemens

SC : Abbreviation for Short Circuit Level

Note: BL,BLE,BLF,BLH,BLHF or HBL are new Bolt-on Breaker Type(not BlueLine Type)

Panel Box Size : Height: 62.00" Width: 30.00" Depth: 7.75"

600A MLO 3Ø 4W**Panel Designation:** [R10]

Seq # 061 Qty: 1

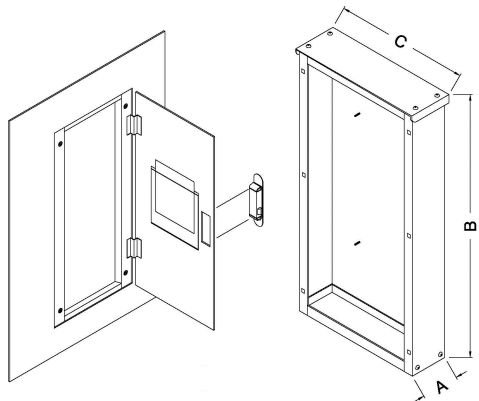
Panel type:	P3
# of circuits:	54 cct's
Catalog #:	P3C54ML600ABS
Enclosure type:	Type 2
Voltage:	120/208V
System:	3Ø 4W
(IC) Series Combination:	None
(IC) Branch Breakers:	22kA
Main bus:	600A Tin Plated Aluminum
Cables entry:	Bottom
Panel mouting:	Surface
Service entrance:	None
Main connections sizes:	(2) #2-600 MCM
Main type:	MLO on Bottom
Sub-feed type:	None
Ground bus:	Aluminum Ground Bus 44 Connections
Neutral:	Standard
Trim & door finish:	Painted grey ASA-61 (std)
Enclosure finish:	Galvanized steel unpainted

Breaker listing:

- (1) BLH 3/15A
 (20) BLH 2/100A
 (5) BL 1/PROV
 (6) 1/SPACE

Modifications:

Number Strips 1 To 84 Cct's



Dimensions : A=7.75" [197mm] B=62.00" [1575mm] C=30.00" [762mm]

Project Name:

Foretside Estates
Attmar & Palleschi Drive

Sales Order No.:

AECBUCD

Quote No.:

20821030-074311A2

Purchase Order No.:

5160004

DATE: (dd/mm/yyyy)

25-03-2021

Customer:

GERRIE ELECTRIC WHOLESALE LTD

This drawing is the property of SIEMENS CANADA LTD., and contains proprietary and confidential information which must not be duplicated, used and/or disclosed other than as expressly authorized by SIEMENS.

ENCLOSURE	☐	TYPE1 INDOOR
	☐	VERMIN PROOF
	☒	DRIP PROOF
	☐	SPRINKLER PROOF
PAINT	☒	ASA 61 GREY
	☐	SPECIAL (COLOUR)

ADDITIONAL DRAWINGS FOR PRODUCTION USE

[illegible]

							TITLE	COVER SHEET		
							REF. NO.			
00	ISSUED FOR APPROVAL	RS	16-Mar-21				DWG. NO.	AECBUCD-001-Z1	REV.	00
REV.	DESCRIPTION	DRAWN	DATE	VERIFIED	DATE					



PLEASE NOTE: ORDER WILL NOT BE RELEASED UNLESS THIS FORM IS COMPLETED IN FULL

PROJECT:

SIEMENS SO NUMBER:

Date:

The following information is a requirement when returning any approval drawings or waving approvals for immediate release to manufacture. Failure to submit this information may result in delays to any expected delivery schedule.

SWITCHBOARD INFORMATION:

Main Incoming Location (when looking at the switchboard):

☐

Left

☐

Right

Size of Main Incoming Feeder Cables:

Line

Neutral

Quantity per Phase and Neutral:

Line

Neutral

Incoming Feeder Cables:

☐

AL

☐

CU

Incoming Entry:

☐

Top

☐

Bottom

Do you require the pull section to accept 90°C Rated Cable?

☐

Yes

☐

No

*Note: There is price adder for this requirement

Utility CT Information:

Ratio

Mfg.

Type

Branch Breaker(s) Size, Lugs, & Qty:

I (we) have submitted this information to my (our) best interpretation of the plans and specifications of this project.

(Contractor Representative) *Required with approval drawings*

Date

This drawing is the property of SIEMENS CANADA LTD., and contains proprietary and confidential information which must not be duplicated, used and/or disclosed other than as expressly authorized by SIEMENS.

ENCLOSURE	☐	TYPE1 INDOOR
	☐	VERMIN PROOF
	☒	DRIP PROOF
	☐	SPRINKLER PROOF
PAINT	☒	ASA 61 GREY
	☐	SPECIAL (COLOUR)

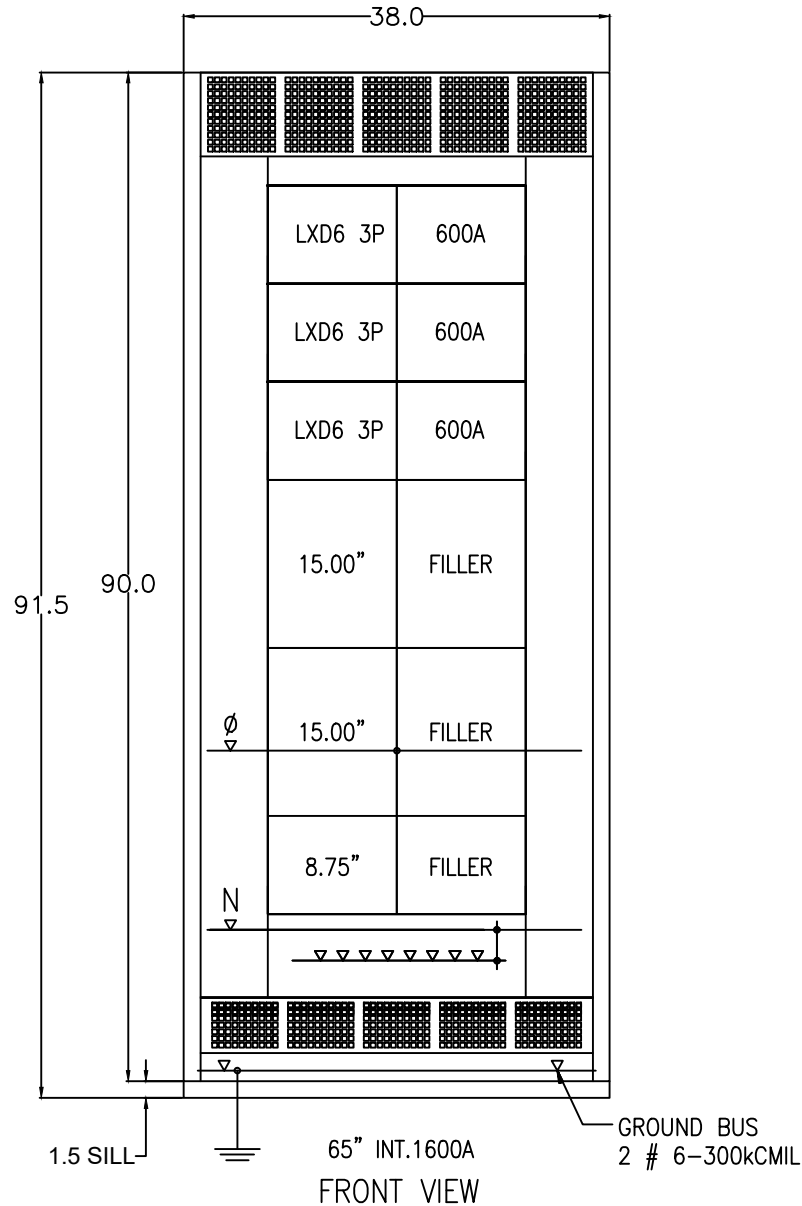
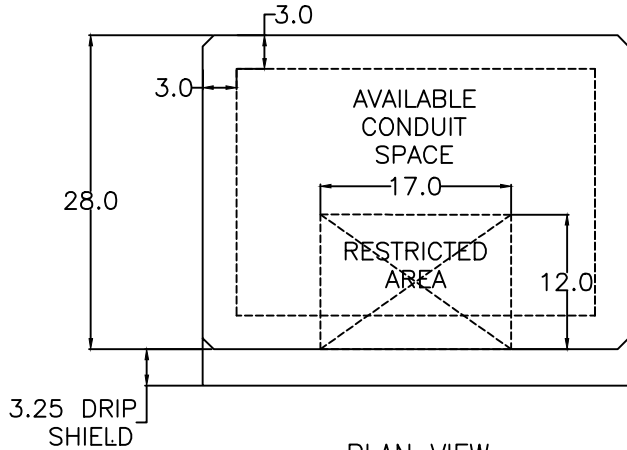
ADDITIONAL DRAWINGS FOR PRODUCTION USE

[illegible]

NOTE: REVISIONS TO DRAWINGS IN THE "ADDITIONAL DRAWINGS FOR PRODUCTION USE" LIST WILL NOT RESULT IN A SUBSEQUENT REVISION OF THE COVER SHEET. ONLY DRAWINGS IN THE "DRAWING LIST" WILL AFFECT THE REVISION LEVEL OF THE COVER SHEET.

							TITLE	COVER SHEET		
							REF. NO.			
							DWG. NO.	AECBUCD-008-Z1	REV.	00
00	ISSUED FOR APPROVAL		RS	16-Mar-21						
REV.	DESCRIPTION		DRAWN	DATE	VERIFIED		DATE			

This drawing is the property of SIEMENS CANADA LTD.
It contains proprietary and confidential information which
must not be duplicated, used or disclosed other than as
expressly authorized by SIEMENS



DATA SHEET

-SYSTEM: 120/208 VOLTS, 3 PHASE, 3 WIRE 60 HZ
SOLIDLY GROUND

—MAIN BUS: 1600A TIN PLATED ALUMINUM
NON-INSULATED

-ENCLOSURE: CSA TYPE 1 INDOOR, DRIP SHIELD

—PAINT FINISH: ANSI #61 GREY

-INCOMING: TOP (MLO)

-OUTGOING: TBA

-AT THE SERVICE VOLTAGE, THIS SWITCHBOARD IS CAPABLE OF WITHSTANDING SHORT CIRCUIT LEVEL OF 42 KA RMS SYM.BUT IS LIMITED TO THE LOWEST INTERRUPTING CAPACITY OF FUSES INSTALLED AND LOWEST MARKED RATING OF THE BREAKER.

-BUS BAR IS DESIGNED FOR MAXIMUM RISE OF 65 DEGREES CELSIUS OVER AMBIENT TEMPERATURE OF 40 DEGREES CELSIUS, AT MAXIMUM CURRENT RATING. BUS BAR BRACING 50 KA.

-SWITCHBOARD ACCESS: FRONT, REAR AND SIDE

-MAIN DEVICE IS SUITABLE FOR CONTINUOUS OPERATION
AT _ _ PERCENT OF RATING.

—FEEDER DEVICES ARE SUITABLE FOR CONTINUOUS OPERATION AT 80 PERCENT OF RATING.

CAUTION WHEN MOUNTING ON OR OVER COMBUSTIBLE SURFACE. A FLOOR PLATE OF AT LEAST 1.43mm GALVANIZED OR 1.6mm UNCOATED STEEL EXTENDED AT LEAST 150.0mm BEYOND THE EQUIPMENT ON ALL SIDES MUST BE INSTALLED.

SPECIAL NOTES & CHARACTERISTICS:

- ALL DIMENSIONS ARE IN INCHES (UNLESS OTHERWISE SPECIFIED)
- INCOMING CABLES: 4X500MCM PER PHASE AND NEUTRAL
- SILL CHANNEL 1.5H

00) ISSUED FOR APPROVAL	R.S.	16/MAR/'21				
REVISION	DRAWN	DATE	CHECKED	DATE	VERIFIED	DATE

SIEMENS

TITLE		GENERAL ARRANGEMENT AND FLOOR PLAN [DP-21]	
CUSTOMER NAME		FORESTSIDE ESTATE	DWG NO. AECBUCD-008-1B
DIRECTORY:		CAD FILE NAME:	



PLEASE NOTE: ORDER WILL NOT BE RELEASED UNLESS THIS FORM IS COMPLETED IN FULL

PROJECT:

SIEMENS SO NUMBER:

Date:

The following information is a requirement when returning any approval drawings or waving approvals for immediate release to manufacture. Failure to submit this information may result in delays to any expected delivery schedule.

SWITCHBOARD INFORMATION:

Main Incoming Location (when looking at the switchboard):

☐

Left

☐

Right

Size of Main Incoming Feeder Cables:

Line

Neutral

Quantity per Phase and Neutral:

Line

Neutral

Incoming Feeder Cables:

☐

AL

☐

CU

Incoming Entry:

☐

Top

☐

Bottom

Do you require the pull section to accept 90°C Rated Cable?

☐

Yes

☐

No

*Note: There is price adder for this requirement

Utility CT Information:

Ratio

Mfg.

Type

Branch Breaker(s) Size, Lugs, & Qty:

I (we) have submitted this information to my (our) best interpretation of the plans and specifications of this project.

(Contractor Representative) *Required with approval drawings*

Date