

Branch Panel: D

Location: STORAGE D04
Supply From:
Mounting: Flush
Enclosure: NEMA 1 Indoor

Volts: 120/240 Single
Phases: 1
Wires: 3

A.I.C. Rating: UseShortCircuitCurrentRating & Refer t...
Mains Type:
Mains Rating: 100 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	A	B	Poles	Trip	Circuit Description	CKT
1	LIVING AREA	15 A	1	900		1440		1	15 A	BEDROOM RECEPTACLES	2
3	COUNTER RECEPTACLES	20 A	1		720	1693		1	15 A	LIVING & KITCHEN LIGHTING	4
5	BATHROOM	15 A	1	728		180		1	15 A	EXTERIOR GFCI RECEPTACLE	6
7	BEDROOM & STORAGE LIGHTING	15 A	1		140	1440		1	15 A	FRIDGE	8
9	RANGE	30 A	2	2880		1440		1	15 A	DISHWASHER	10
11					2880		180	1	20 A	PARKING RECEPTACLE	12
13	MICROWAVE	20 A	1	1440							14
15											16
17											18
19											20
21											22
23											24
25											26
27											28
29											30
				Total Load:	9008 VA	7045 VA					
				Total Amps:	75 A	59 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	298 VA	125.00%	373 VA	
Lighting - Dwelling Unit	156 VA	100.00%	156 VA	Total Conn. Load: 16052 VA
Receptacle	15120 VA	83.07%	12560 VA	Total Est. Demand: 13563 VA
Mechanical	500 VA	100.00%	500 VA	Total Conn.: 67 A
				Total Est. Demand: 57 A

Notes:

Branch Panel: C

Location: STORAGE C04
Supply From:
Mounting: Flush
Enclosure: NEMA 1 Indoor

Volts: 120/240 Single
Phases: 1
Wires: 3

A.I.C. Rating: UseShortCircuitCurrentRating & Refer t...
Mains Type:
Mains Rating: 100 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	A	B	Poles	Trip	Circuit Description	CKT
1	LIVING AREA	15 A	1	1260		1440		1	15 A	BEDROOM RECEPTACLES	2
3	COUNTER RECEPTACLES	20 A	1		720	490		1	15 A	LIVING & KITCHEN LIGHTING	4
5	BATHROOM	15 A	1	728		180		1	15 A	EXTERIOR GFCI RECEPTACLE	6
7	BEDROOM & STORAGE LIGHTING	15 A	1		72	1440		1	15 A	FRIDGE	8
9	RANGE	30 A	2	2880		1440		1	15 A	DISHWASHER	10
11					2880		180	1	20 A	PARKING RECEPTACLE	12
13	MICROWAVE	20 A	1	1440							14
15											16
17											18
19											20
21											22
23											24
25											26
27											28
29											30
				Total Load:	9368 VA	5771 VA					
				Total Amps:	78 A	48 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	262 VA	125.00%	328 VA	
Lighting - Dwelling Unit	156 VA	100.00%	156 VA	Total Conn. Load: 15138 VA
Receptacle	14240 VA	85.11%	12120 VA	Total Est. Demand: 13080 VA
Mechanical	500 VA	100.00%	500 VA	Total Conn.: 63 A
				Total Est. Demand: 55 A

Notes:

Branch Panel: E

Location: STORAGE E04
Supply From:
Mounting: Flush
Enclosure: NEMA 1 Indoor

Volts: 120/240 Single
Phases: 1
Wires: 3

A.I.C. Rating: UseShortCircuitCurrentRating & Refer t...
Mains Type:
Mains Rating: 100 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	A	B	Poles	Trip	Circuit Description	CKT
1	LIVING AREA	15 A	1	900		720		1	15 A	BEDROOM RECEPTACLES	2
3	COUNTER RECEPTACLES	20 A	1		720	1693		1	15 A	LIVING & KITCHEN LIGHTING	4
5	BATHROOM	15 A	1	728		180		1	15 A	EXTERIOR GFCI RECEPTACLE	6
7	BEDROOM & STORAGE LIGHTING	15 A	1		122	1440		1	20 A	FRIDGE	8
9	RANGE	30 A	2	2880		1440		1	20 A	DISHWASHER	10
11					2880		180	1	20 A	PARKING RECEPTACLE	12
13	MICROWAVE	20 A	1	1440							14
15											16
17											18
19											20
21											22
23											24
25											26
27											28
29											30
				Total Load:	8288 VA	7028 VA					
				Total Amps:	69 A	59 A					

Legend:

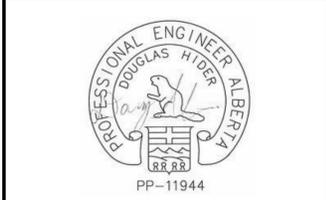
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	298 VA	125.00%	373 VA	
Lighting - Dwelling Unit	138 VA	100.00%	138 VA	Total Conn. Load: 15315 VA
Receptacle	14400 VA	84.72%	12200 VA	Total Est. Demand: 13186 VA
Mechanical	500 VA	100.00%	500 VA	Total Conn.: 64 A
				Total Est. Demand: 55 A

Notes:

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2019-10-29

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Annie Torkala, P.Eng., APEGA
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Rev	Description	Date
4	ISSUED FOR CONSTRUCTION	2019-10-29
3	99% CLIENT REVIEW	2019-08-29
2	66% CLIENT REVIEW	2019-05-09
1	33% CLIENT REVIEW	2019-03-14

Client: PSPC

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PH. 780-919-9445

Project Name: JASPER STAFF HOUSING CONSTRUCTION

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Drawing Title	Titre du dessin

ELECTRICAL SCHEDULES