Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 11/06/14

NOTES:

1. SEE E0.0 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.

DIRECTORY	KVA LOAD A	KVA LOAD B	KVA LOAD C	CKT #	BKR AMPS	PHASE	BKR AMPS	CKT #	KVA LOAD A	KVA LOAD B	KVA LOAD C	DIRECTORY
SHOWROOM A RECEPTS.	1.2			1	20	A	20	2	1.3			SHOWROOM A, SHOWROOM B, VESTIBULE, CORRIDOR LTS.
SHOWROOM B, CORRIDOR, FUTURE STORAGE RECEPTS.		1.4		3	20	B	20	4		0.3		OFFICE, BREAKROOM, TOILETS LTS.
VESTIBULE SLIDING DOOR OPERATOR			1.0	5	20	C	20	6			0.8	D&R BAYS LTS.
VESTIBULE SLIDING DOOR OPERATOR	1.0			7	20	A	20	8	1.1			FUTURE STORAGE LTS.
CUSTOMER SERVICE DESK POWER FEED		1.0		9	20	B	20	10		1.2		FUTURE STORAGE, UTILITY LTS.
CUSTOMER SERVICE DESK POWER FEED			1.0	11	20	C	20	12			0.6	EXTERIOR LTS.
CUSTOMER SERVICE DESK POWER FEED	1.0			13	20	A	20	14	1.0			WEST SIGN
OFFICE RECEPTS.		0.6		15	20	B	20	16		1.0		NORTH SIGN
BREAKROOM RECEPTS.			0.4	17	20	C	20	18			0.6	ROOFTOP RECEPTACLES
BREAKROOM COUNTER RECEPTS.	0.8			19	20	A	20	20	*			SPARE
D&R BAYS, FUTURE STORAGE RECEPTS.		0.8		21	20	B	20	22		*		SPARE
D&R BAYS RECEPTS.			0.8	23	20	C	20	24			*	SPARE
D&R BAYS OVERHEAD DOOR	1.2			25	20	A	20	26	*			SPARE
D&R BAYS VEHICLE LIFT		1.0		27	20	B	20	28		*		SPARE
			1.0	29		C	20	30			*	SPARE
D&R BAYS AIR COMPRESSOR	1.5			31	30	A	20	32	*			SPARE
		1.5		33		B	20	34		*		SPARE
UTILITY ROOM RECEPTS.			0.4	35	20	C	20	36			*	SPARE
FUTURE STORAGE RECEPTS.	0.8			37	20	A	20	38	*			SPARE
FUTURE STORAGE RECEPTS.		0.6		39	20	B	20	40		*		SPARE
TOILET RECEPTS.			0.6	41	20	C	20	42			*	SPARE
SUBTOTAL	7.5	6.9	5.2						3.4	2.5	2.0	SUBTOTAL

VOLTAGE: 208Y/120V PHASE: 3 POLES: 4	TOTAL KVA A–PHASE	10.9	PANEL	P1 (SECTION 1)
MAIN BREAKER: 400A BUS AMPS: 400A	TOTAL KVA B–PHASE	9.4		
MOUNTING: SURFACE	TOTAL KVA C–PHASE	7.2	LOCATION	UTILITY ROOM
SHORT CIRCUIT RATING: 10KAIC	TOTAL KVA	27.5		

NOTES:

DIRECTORY	KVA LOAD A	KVA LOAD B	KVA LOAD C	CKT #	BKR AMPS	PHASE	BKR AMPS	CKT #	KVA LOAD A	KVA LOAD B	KVA LOAD C	DIRECTORY
AHU–1	6.0			43	60	A	40	44	3.3			AHU–3
		6.0		45		B		46		3.3		
			6.0	47		C		48			3.3	
AHU–2	3.3			49	40	A	20	50	0.2			EF–1
		3.3		51		B	20	52		0.9		EF–2
			3.3	53		C	20	54			0.5	UH–1
SPARE	*			55	20	A	20	56	0.1			UH–2
SPARE		*		57	20	B	30	58		2.3		WH–1
SPARE			*	59	20	C		60			2.3	
SPARE	*			61	20	A	20	62	*			SPARE
SPARE		*		63	20	B	20	64		*		SPARE
SPARE			*	65	20	C	20	66			*	SPARE
SPARE	*			67	20	A	20	68	*			SPARE
SPARE		*		69	20	B	20	70		*		SPARE
SPARE			*	71	20	C	20	72			*	SPARE
SPACE	*			73		A		74	*			SPACE
SPACE		*		75		B		76		*		SPACE
SPACE			*	77		C		78			*	SPACE
SPACE	*			79		A		80	*			SPACE
SPACE		*		81		B		82		*		SPACE
SPACE			*	83		C		84			*	SPACE
SUBTOTAL	9.3	9.3	9.3						3.6	6.5	6.1	SUBTOTAL

VOLTAGE: 208Y/120V PHASE: 3 POLES: 4	TOTAL KVA A–PHASE	12.9	PANEL	P1 (SECTION 2)
MAIN LUGS ONLY BUS AMPS: 400A	TOTAL KVA B–PHASE	15.8		
MOUNTING: SURFACE	TOTAL KVA C–PHASE	15.4	LOCATION	UTILITY ROOM
SHORT CIRCUIT RATING: 10KAIC	TOTAL KVA	44.1		

NOTES:

1 ELECTRICAL RISER DIAGRAM
NOT TO SCALE

ISSUE FOR CONSTRUCTION

PLAN NORTH

STATE OF MAINE
TIMOTHY D. MATTHEWS
No. 9199
LICENSED
PROFESSIONAL ENGINEER

9/4/14

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Project Title

U-HAUL MOVING & STORAGE

425 MARGINAL WAY
Portland, Maine

Mark	Date	Description
	09 - 1 - 14	ISSUE FOR CONSTRUCTION
	07 - 18 - 14	PROGRESS DRAWING

Issue Dates

Drawing Title

PANEL SCHEDULES

Drawing Number

E1.2