



Switchboard O&M Section

Item No.	Product Description	Mark(s)	Quantity
1	Switchboard, ReliaGear AV1	MDP	1

ACCESS TO: Front Only	PHASE: 3P4W
CLASS: 1	AMPERE: 1200A
LABEL: U/L SE	BUS MTL: Cu 1000A/in ²
VOLTAGE: 480/277V	PLATE: Silver Plate
STYLE: ReliaGear	RATING: Fully Rated
BUS BRACING (RMS SYM):	65000A
DEV.MIN.INT.RATING (RMS SYM):	65000A

SwitchBoard / Device Information

Circuit No.	Device	Trip Amps	Sensor Amps	Poles	Nameplates	Lugs/Cable Size	Notes
1	XT1H	40	-	3		(1) - #10 - 2/0 AWG CU - Mech. AL	10
2	XT5H	300	-	3		(2) - 2/0 - 500 MCM CU - Mech. AL	11
3	XT1H	40	-	3		(1) - #10 - 2/0 AWG CU - Mech. AL	10
4	XT4H	125	-	3		(1) - #4 - 300 MCM CU - Mech. AL	11
5	XT4H	150	-	3		(1) - #4 - 300 MCM CU - Mech. AL	11
6	XT4H	200	-	3		(1) - #4 - 300 MCM CU - Mech. AL	11
7	XT4H	200	-	3		(1) - #4 - 300 MCM CU - Mech. AL	11
8	XT4H	250	-	3		(1) - 3/0 - 350 MCM CU - Mech. AL	11
9	XT4H	250	-	3		(1) - 3/0 - 350 MCM CU - Mech. AL	11
10	XT4H	200	-	3		(1) - #4 - 300 MCM CU - Mech. AL	11
11	XT4H	150	-	3		(1) - #4 - 300 MCM CU - Mech. AL	11
12	XT4H	125	-	3		(1) - #4 - 300 MCM CU - Mech. AL	11
13	XT4H	100	-	3		(1) - #4 - 300 MCM CU - Mech. AL	11
14	XT4H	100	-	3		(1) - #4 - 300 MCM CU - Mech. AL	11
Main	XT7H	1200	1200	3			7,8,9

NOTES:

1. Equipment ground bus furnished with lugs.
2. Copper ground bus furnished.
3. Switchboard furnished with Nameplates.
4. All Nameplates to be fastened with screws.
5. Switchboard furnished with hinged gutter covers.
6. Switchboard furnished with fully rated panel.
7. Device is furnished with integral ground fault protection.
8. Device requires RELT or ZSI feature if Authority having jurisdiction has adopted NEC 2014 code requirements.
9. Device Furnished with Ekip DIP (LSIG) Programmer.
10. Device Furnished with Thermo Magnetic Fixed Trip.
11. Device Furnished with Thermo Magnetic Adjustable Trip.
12. Estimated total factory connected wiring points for the lineup 0.
13. Estimated shipping weight for the lineup is 766 lbs.

PROJECT NAME :
VA MENTAL HEALTH BLDG

CUSTOMER:
NEEDHAM ELECTRIC SUPPLY, CANTON



Industrial
Solutions **by ABB**

DRAWING TITLE: Device
Information

CREATED BY: Laythe, James

DATE: 5/6/2021

REVISION NO.: 5

PRODUCT NAME:
**ReliaGear
Switchboard**

DRAWING NO:

ITEM NO: 1

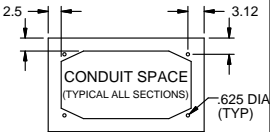
MARKS: MDP

QUOTE NO: UA3-00047940

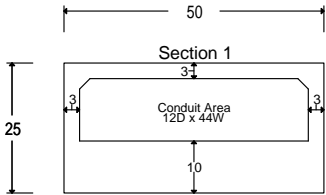
SHEET: 1 of 3

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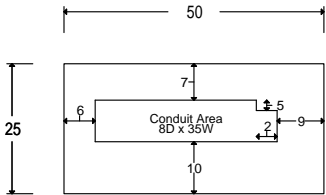


Top Conduit Area



Front Plan View

Bottom Conduit Area



Front Plan View

<div>PROJECT NAME :</div> <div>VA MENTAL HEALTH BLDG</div> <div>CUSTOMER:</div> <div>NEEDHAM ELECTRIC SUPPLY, CANTON</div>	<div> <div> <div></div> <div>Industrial Solutions</div> </div> <div>by ABB</div> </div>	<div>DRAWING TITLE: Conduit View</div>	<div>PRODUCT NAME:</div> <div>ReliaGear Switchboard</div>	<div>DRAWING NO:</div> <div>ITEM NO: 1</div>
		<div>CREATED BY: Laythe, James</div>		<div>MARKS:</div> <div>MDP</div>
		<div>DATE: 5/6/2021</div>		<div>QUOTE NO:</div> <div>UA3-00047940</div>
		<div>REVISION NO.: 5</div>		<div>SHEET:</div> <div>3 of 3</div>