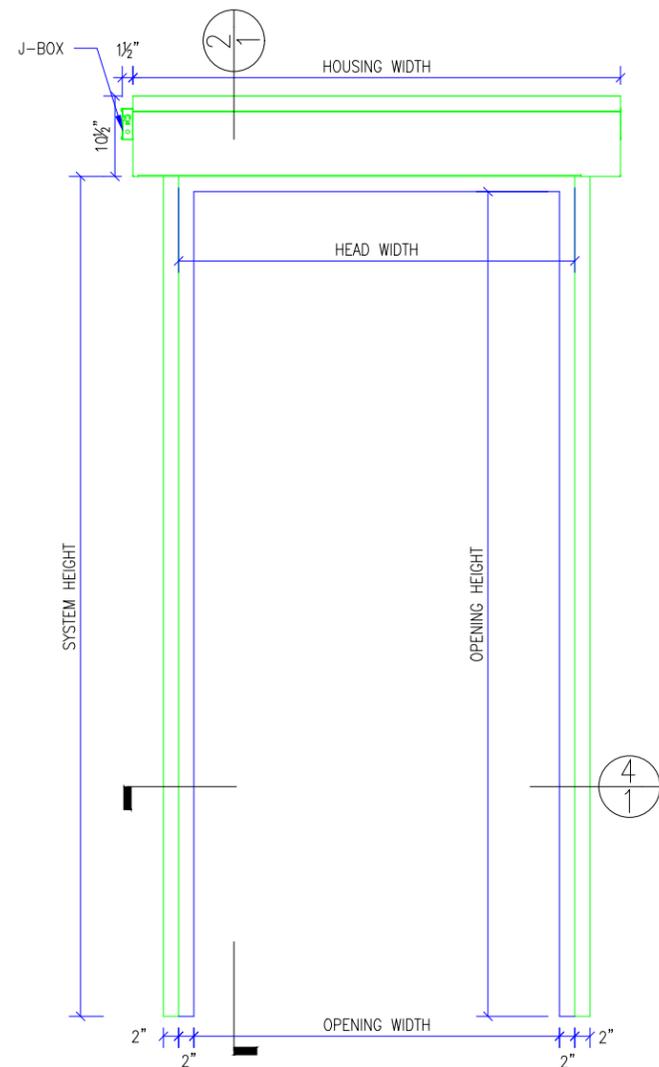
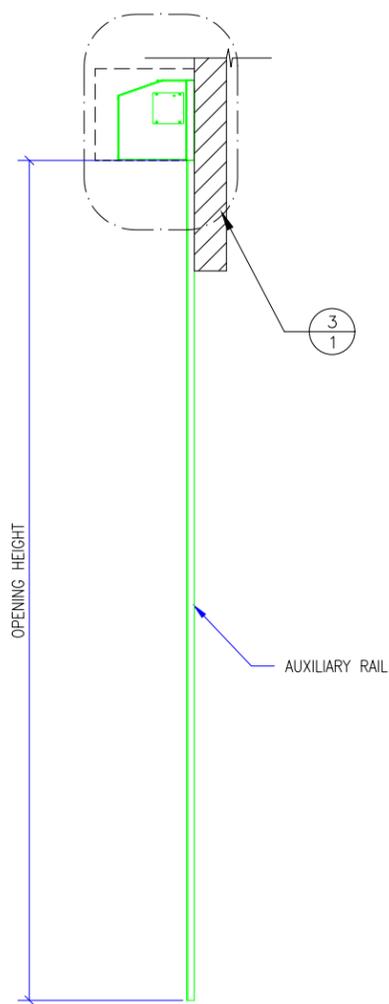


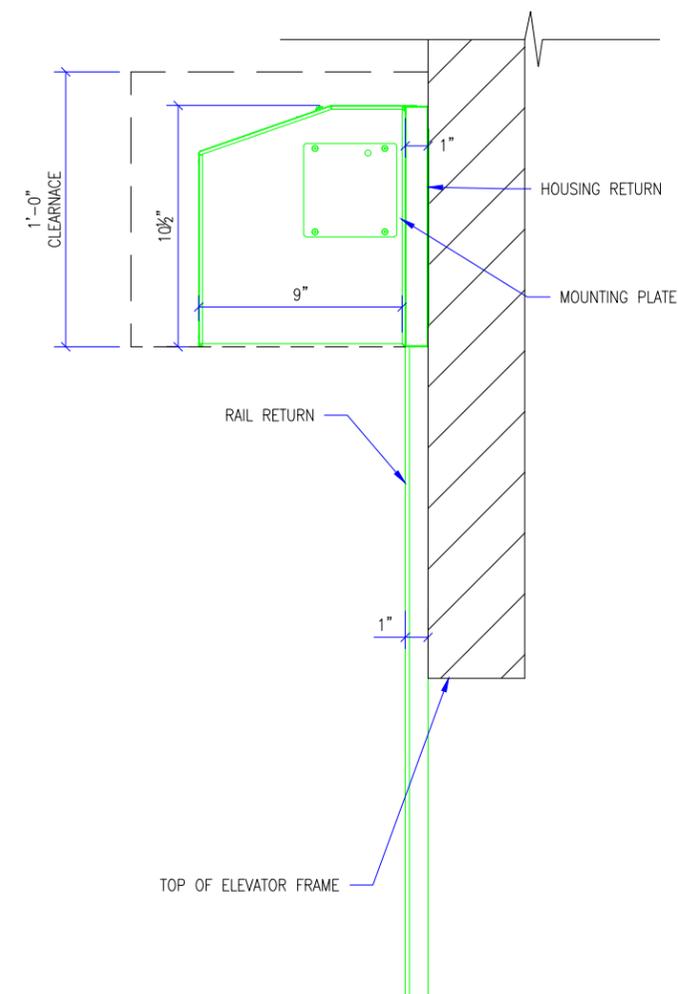
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 4. DIMENSIONS DO NOT INCLUDE HEADS OF EXTERNAL FASTENERS.
 5. SMOKE RATING FOR ENCLOSURE ABOVE HOUSING DESIGNED BY OTHERS.
 6. INTERNAL MOTORS ARE ACCESSIBLE THROUGH HOUSING OPENING WHEN UNIT IS DEPLOYED.



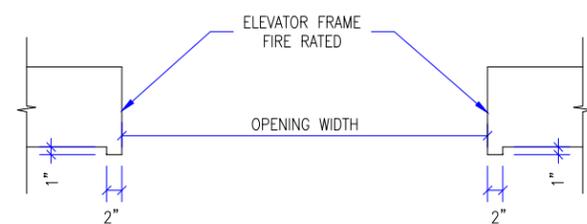
1 M400 ELEVATION
SCALE: 1/2" = 1'-0"



2 M400 SECTION
SCALE: 1/2" = 1'-0"



3 M400 HOUSING DETAIL
SCALE: 1 1/2" = 1'-0"



4 M400 PLAN-JAMB
SCALE: 1/2" = 1'-0"

M400	
MAX LENGTH (IN)	MAX WEIGHT (LB)
73	85

REVISION		
REVISION NUMBER	REVISION DATE	REVISION DESCRIPTION
D1	9.16.20	INITIAL RELEASE
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QUOTE: ---
CONFIGURATION: ---
PROJECT: ---
DIST.: ---

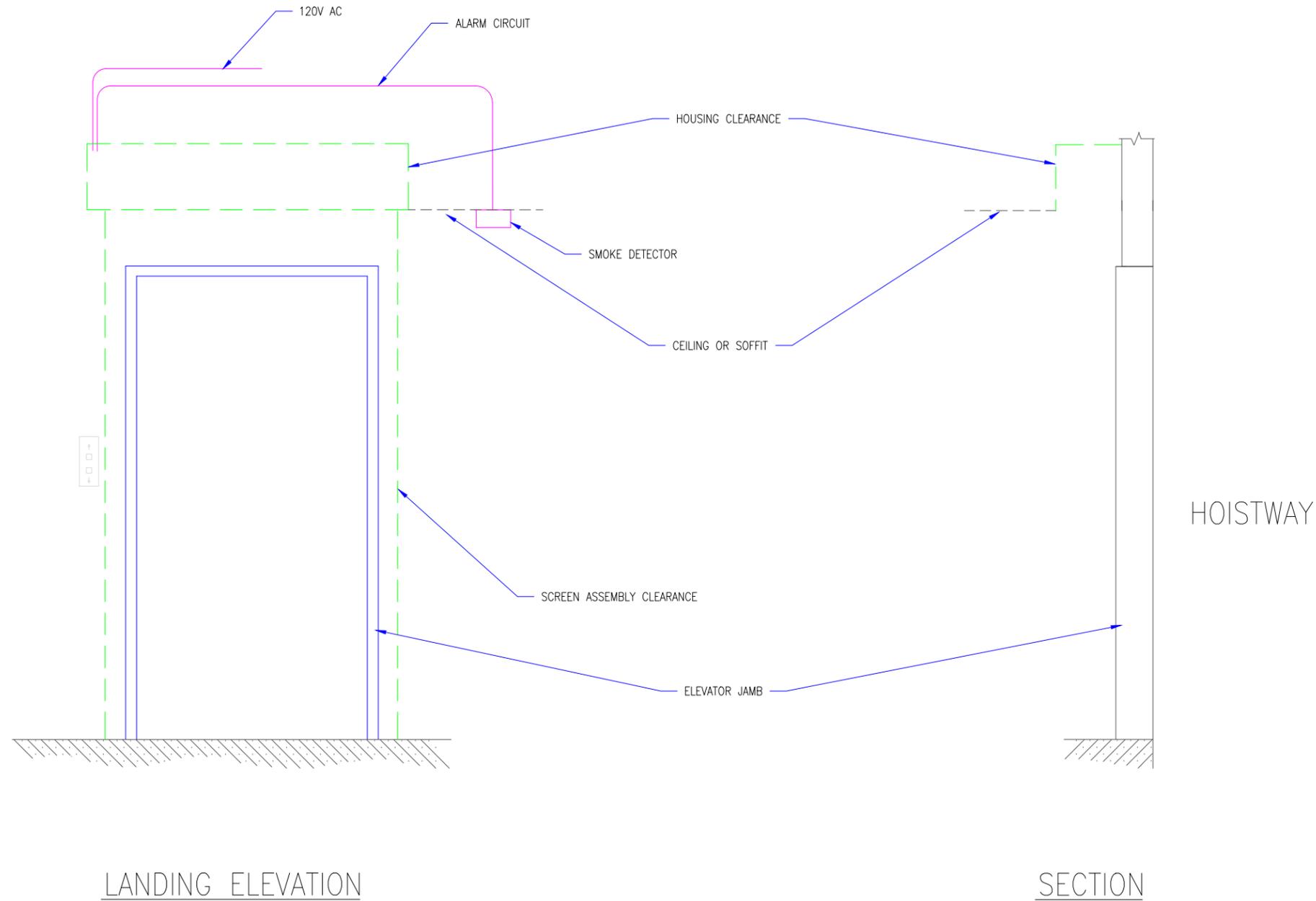
DESIGN SET: D1	SIZE B
MODEL: M400	SHEET
SHEET TITLE: M400 DETAILS	1 OF 5
DRAWN: TLM	9.16.2020

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287 N. Maple Grove
Boise, ID 83704
800.574.0330
www.smokeguard.com

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1 M400 ELEVATION DETAILS
SCALE: 1/2" = 1'-0"

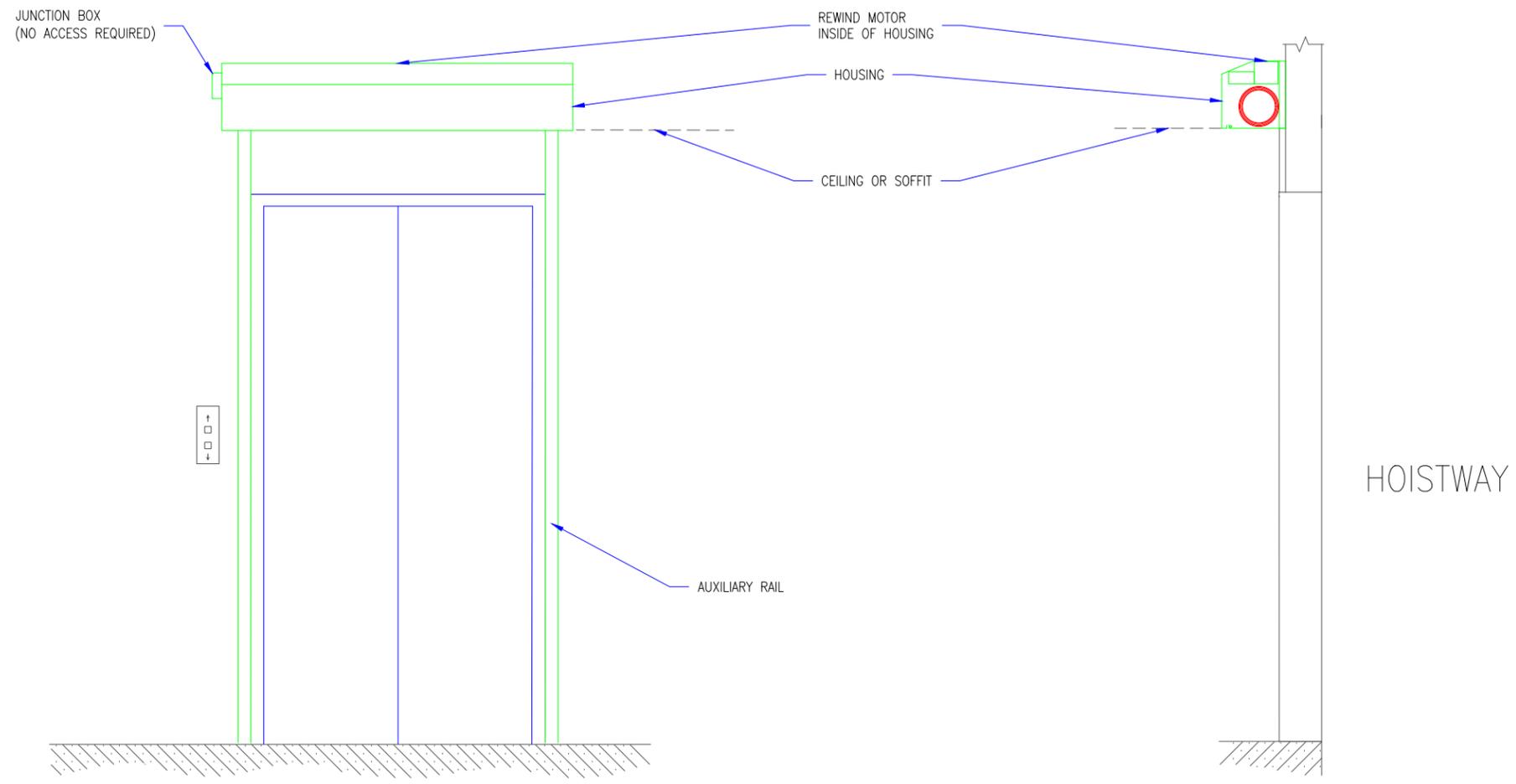
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DESIGN SET: D1	SIZE B
MODEL: M400	SHEET
SHEET TITLE: M400 ELEVATION DETAILS	2 OF 5
DRAWN: TLM	9.16.2020

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LANDING ELEVATION - READY STATE

SECTION - READY STATE

① M400 READY STATE DETAILS
SCALE: 1/2" = 1'-0"

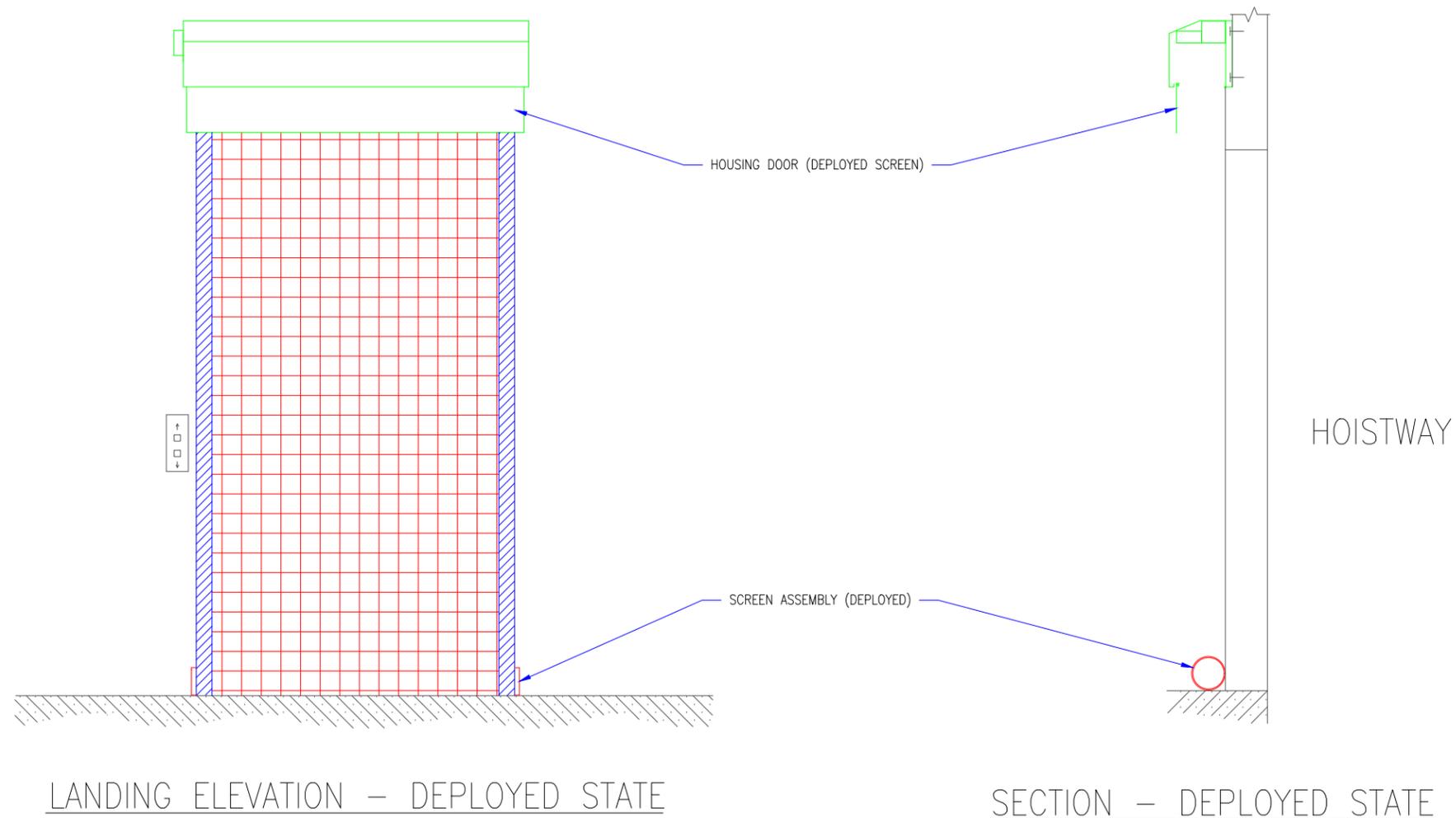
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D1	9.16.20	INITIAL RELEASE
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DESIGN SET: D1	SIZE B
MODEL: M400	SHEET
SHEET TITLE: M400 READY STATE DETAILS	3 OF 5
DRAWN: TLM	9.16.2020

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1 M400 DEPLOYED DETAIL
SCALE: 1/2" = 1'-0"

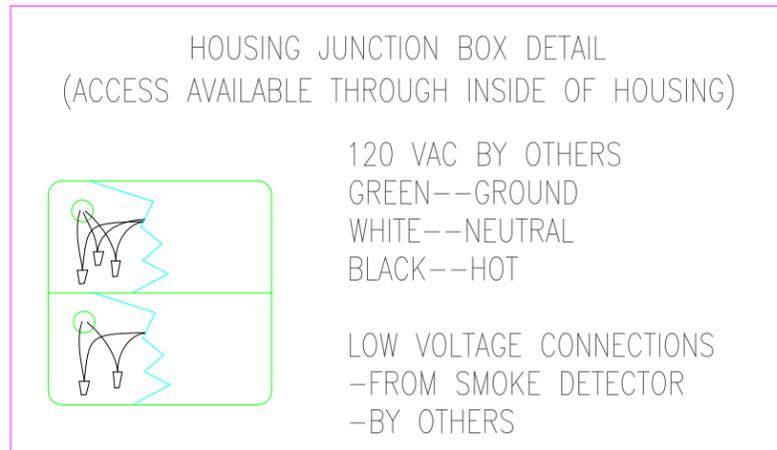
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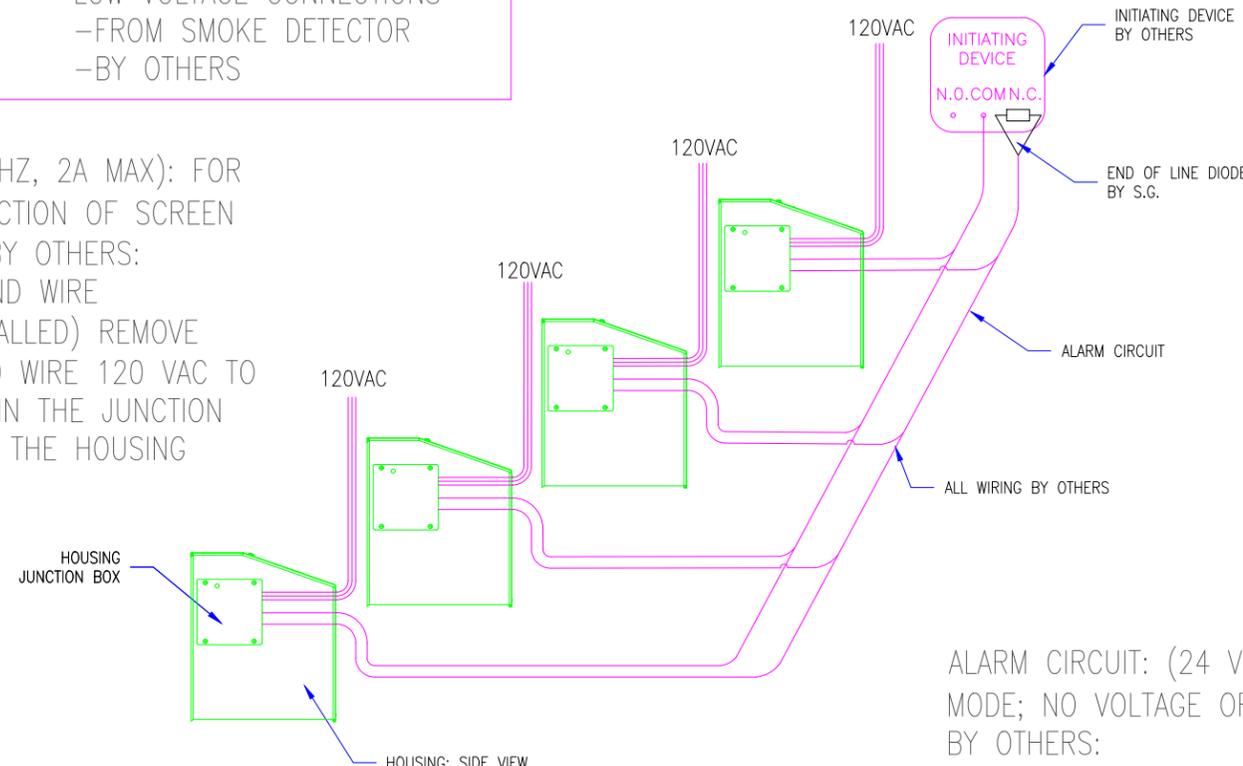
DESIGN SET: D1	SIZE B
MODEL: M400	SHEET
SHEET TITLE: M400 DEPLOYED DETAILS	4 OF 5
DRAWN: TLM	9.16.2020

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120 VAC POWER (60 HZ, 2A MAX): FOR MOTOR REWIND/RETRACTION OF SCREEN AFTER DEPLOYMENT. BY OTHERS:
-PROVIDE CONDUIT AND WIRE
-(AFTER UNIT IS INSTALLED) REMOVE TEMPORARY PLUG AND WIRE 120 VAC TO HIGH VOLTAGE WIRES IN THE JUNCTION BOX ON THE SIDE OF THE HOUSING
-PROVIDE GROUND



SMOKE DETECTOR (UL 268 COMPLIANT) BY OTHERS:
-PROVIDE A NORMALLY CLOSED AUXILIARY CONTACT THAT IS ACTIVATED WHEN THE SMOKE DETECTOR GOES INTO ALARM. THIS CONTACT DOES NOT ACTIVATE ON GENERAL BUILDING ALARM. NO VOLTAGE EXISTS ACROSS THE CONTACT
-(WHEN THERE ARE MULTIPLE-UNIT SYSTEM IN A COMMON AREA THAT ARE ACTIVATED BY A SINGLE SMOKE DETECTOR); WIRE UP TO 4 SMOKE GUARD UNITS TO A SINGLE SMOKE DETECTOR, IN PARALLEL. MULTIPLE UNITS ON A COMMON FLOOR THAT ARE ACTIVATED BY THE SAME SMOKE DETECTOR REQUIRE ALARM CIRCUIT WIRING FROM THE DETECTOR TO EACH UNIT. THE PRINTED CIRCUIT BOARD IN EACH HOUSING MUST SEE THE END-OF-LINE DIODE ON THE SMOKE DETECTOR.

END-OF-LINE DIODE:
BY OTHERS:
-INSTALL 3.9V OR 2 WATT END-OF-LINE DIODE (FURNISHED BY SMOKE GUARD) AT INITIATING DEVICE.
-IN SERIES WITH THE NORMALLY CLOSED AUXILIARY CONTACT.

ALARM CIRCUIT: (24 VDC ,40 MA IN MONITORING MODE; NO VOLTAGE OR AMPS IN ALARM MODE)
BY OTHERS:
-PROVIDE AN ALARM CIRCUIT FROM THE NORMALLY CLOSED AUXILIARY CONTACT OF THE SMOKE DETECTOR TO THE LOW VOLTAGE WIRES IN THE JUNCTION BOX ON THE SIDE OF THE HOUSING, USING STRANDED WIRES, IN RACEWAYS OR CONDUIT.
-(AFTER UNIT IS INSTALLED) TERMINATE THE SMOKE DETECTOR WIRES TO LOW VOLTAGE WIRES IN THE JUNCTION BOX ON THE SIDE OF THE HOUSING.

HOUSING JUNCTION BOX
(ACCESS THROUGH INSIDE OF HOUSING)

THIS DRAWING ILLUSTRATES THAT UP TO 4 HOUSINGS CAN BE WIRED, IN PARALLEL, TO THE SAME END-OF-DIODE AT AN INITIATING DEVICE (SMOKE DETECTOR) AUXILIARY CONTACT.

1 M400 ELECTRICAL DETAILS
SCALE: 1/2" = 1'-0"

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SHEET TITLE: M400 ELECTRICAL DETAIL	5 OF 5
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