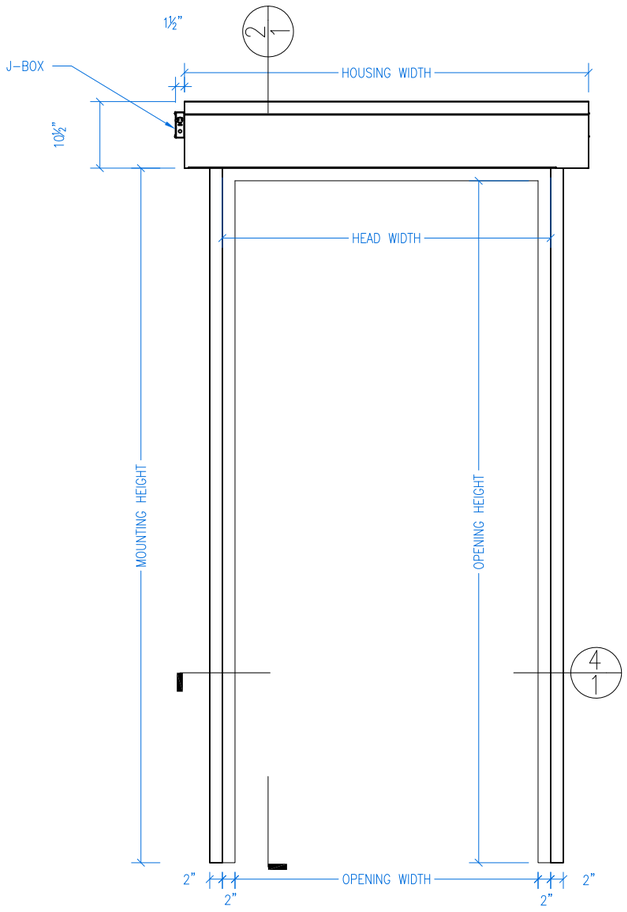
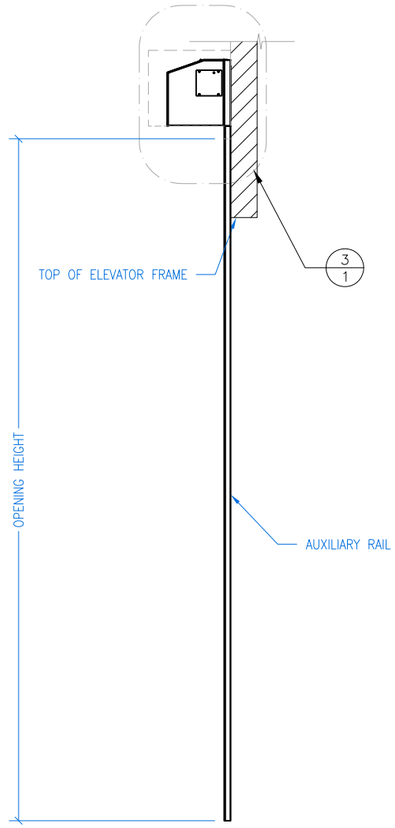


1 M400 ELEVATION
SCALE: 1/2" = 1'–0"



2 M400 SECTION
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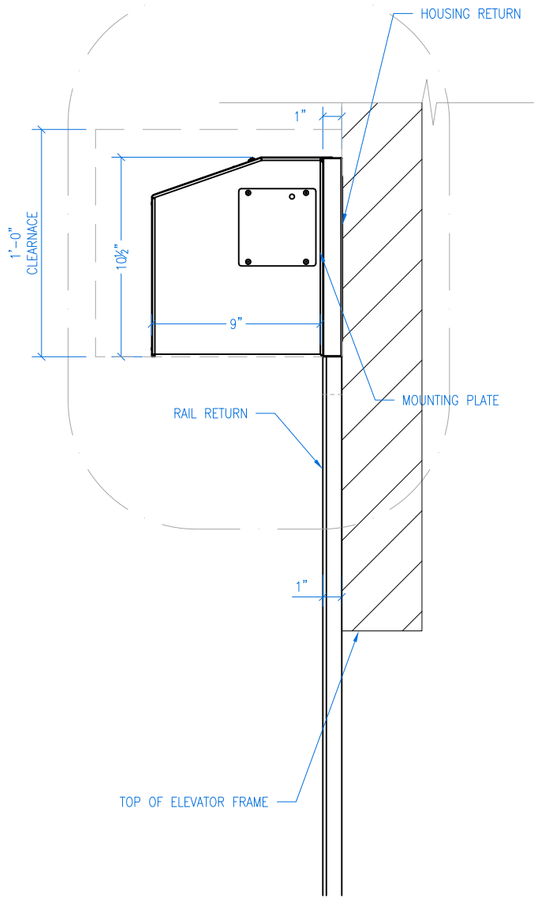

3 M400 HOUSING DETAIL
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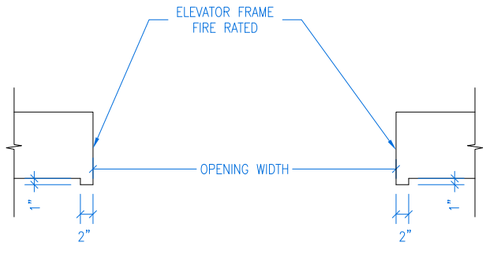

4 M400 PLAN–JAMB
SCALE: 1/2" = 1'–0"

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6. INTERNAL MOTORS ARE ACCESSIBLE THROUGH HOUSING OPENING WHEN UNIT IS DEPLOYED.

M400 DESIGN DETAILS

M400 DETAILS

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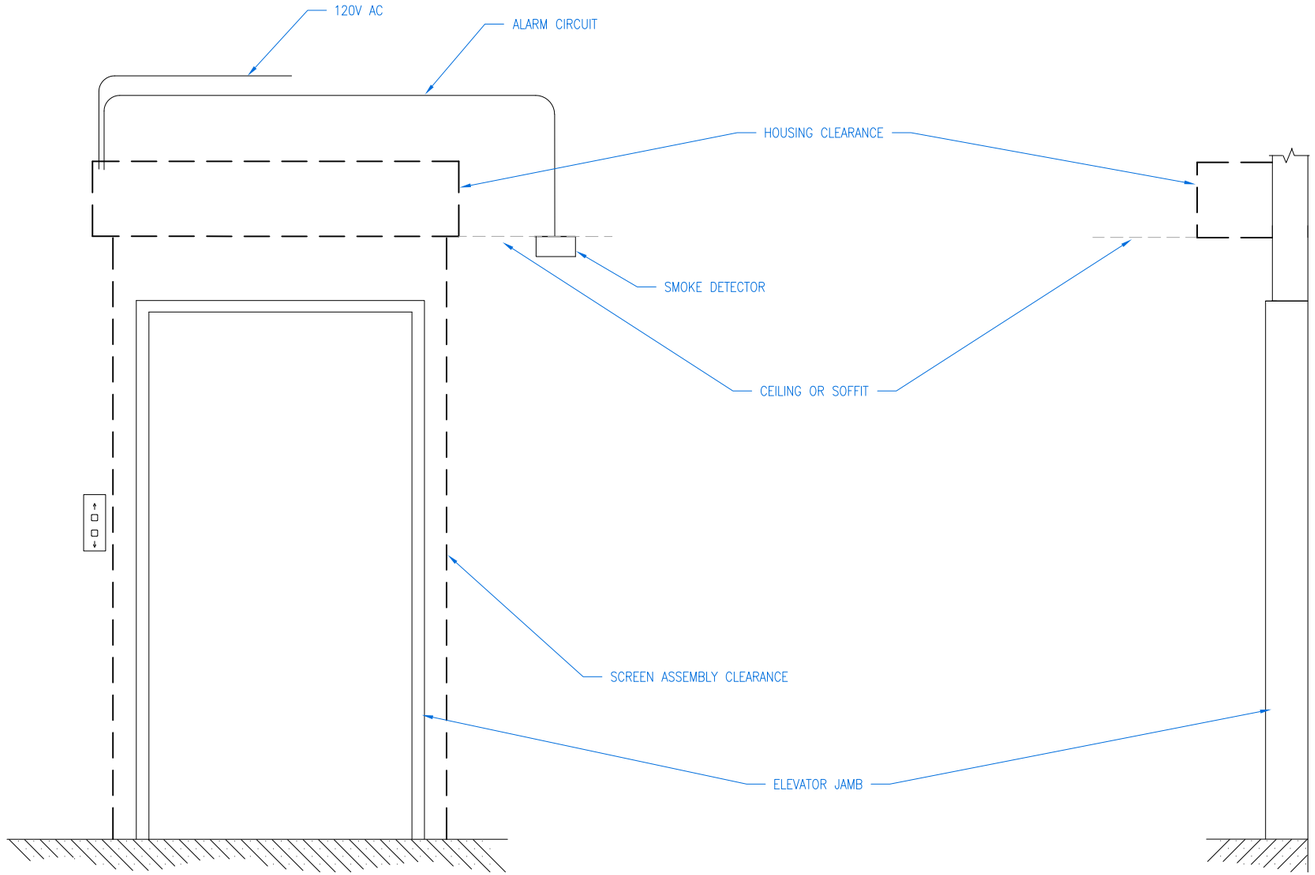

LANDING ELEVATION

SECTION

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

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M400 ELEVATION DETAILS

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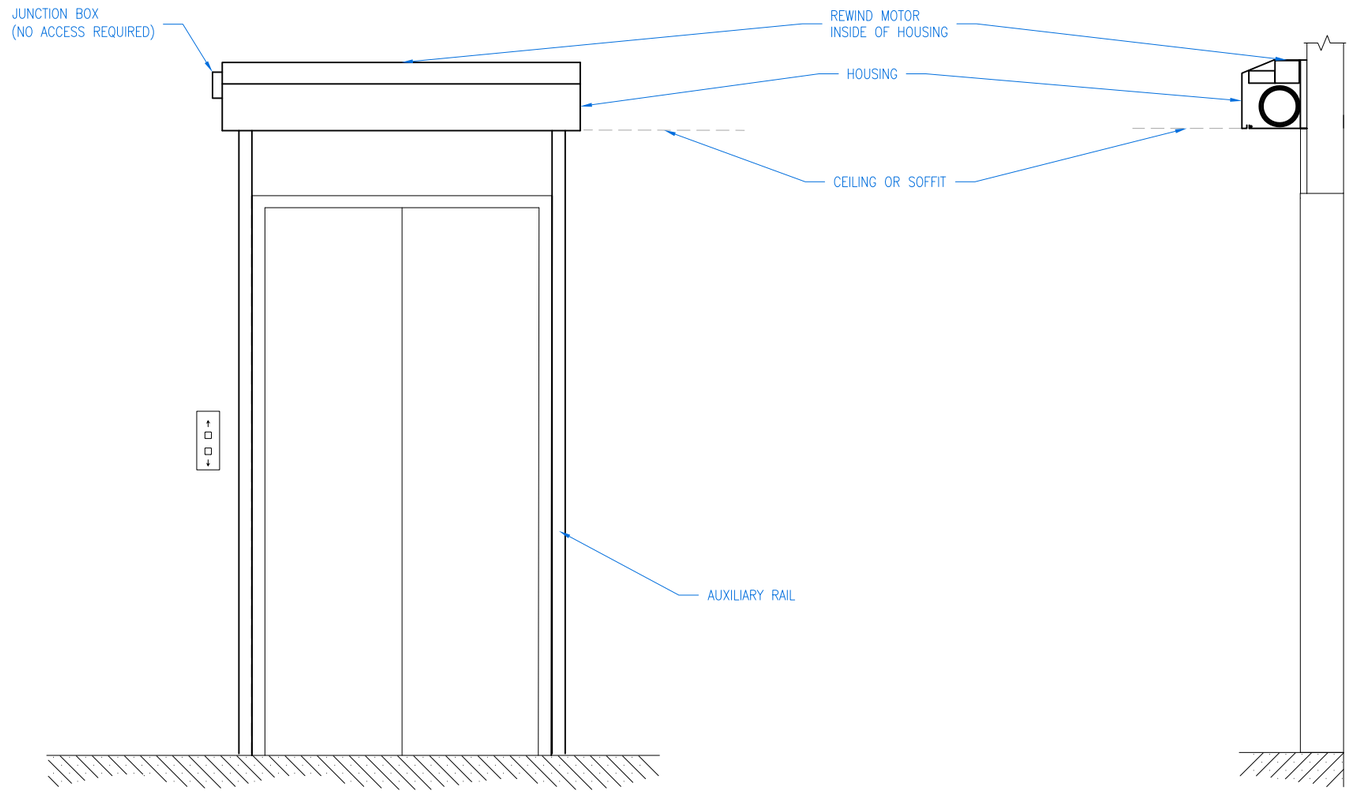
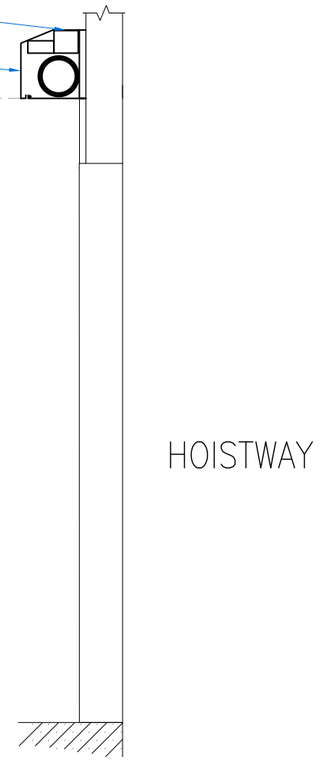


LANDING ELEVATION – READY STATE



SECTION – READY STATE

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

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M400 DESIGN DETAILS

M400 READY STATE DETAILS

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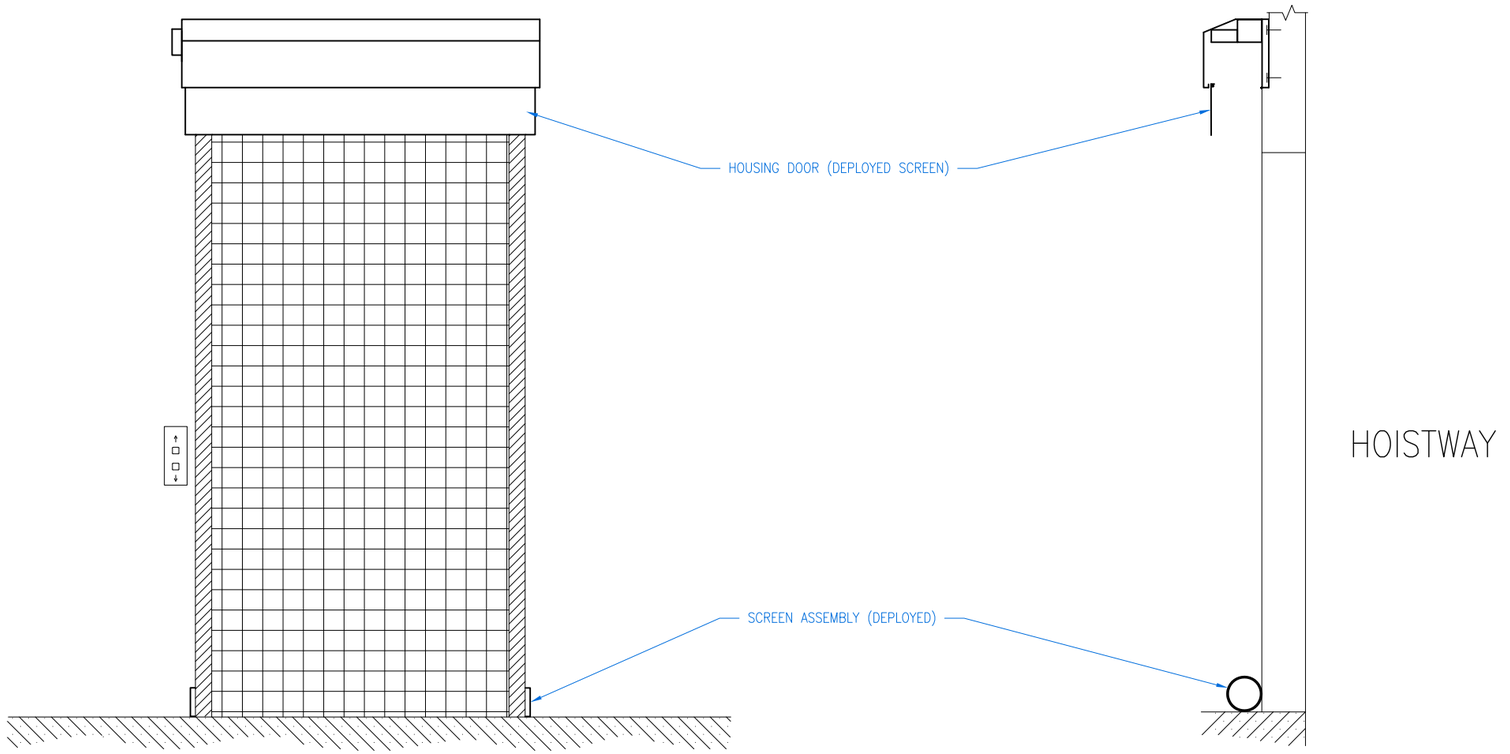

LANDING ELEVATION – DEPLOYED STATE

SECTION – DEPLOYED STATE

1 M400 DEPLOYED DETAIL
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M400 DESIGN DETAILS

M400 DEPLOYED DETAILS

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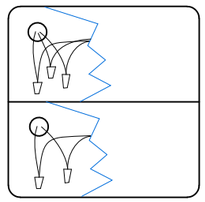
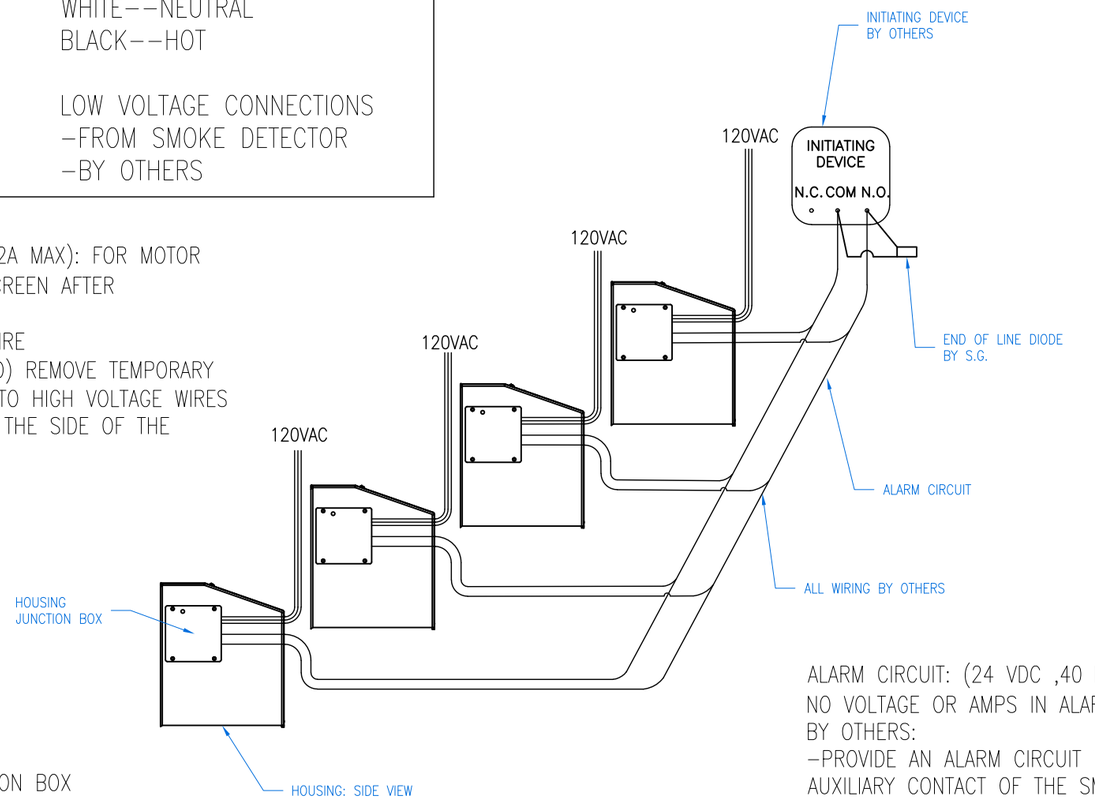
HOUSING JUNCTION BOX DETAIL
(ACCESS AVAILABLE THROUGH INSIDE OF HOUSING)



120 VAC BY OTHERS
GREEN--GROUND
WHITE--NEUTRAL
BLACK--HOT

LOW VOLTAGE CONNECTIONS
-FROM SMOKE DETECTOR
-BY OTHERS

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



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.

SMOKE DETECTOR (UL 268 COMPLIANT) BY OTHERS:
-PROVIDE A NORMALLY OPEN 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 PARALLEL WITH THE NORMALLY OPEN 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 OPEN 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.

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

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