



PARIC CORPORATION
77 Westport Plaza Suite 250
St. Louis, MO 63146
TEL: 636-561-9500
FAX: 636-561-9501

REQUEST FOR INFORMATION DATE: February 22, 2017 NO.: RFI-454

To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Joe Voypick

Project Name: 15051-Webster University Interdisciplinary Science Building Project No.: 15051

Subject: Structural Steel for Overhead Coiling Door

Response Required By: March 01, 2017

Drawing / Spec Reference:

Information Requested:

Approved shop drawings for coiling door on all 4 levels calls out for Structural Steel Support by others for the coiling door to be supported from. The current W10x33 between column lines 2.6 and 3 will not work as the structural steel support. An additional structural member will have to be added to this member to support the coiling door. Please give direction on what steel member to hang from this W10x33 to support the door. The member must be at least 11'-7" AFF to allow for coiling door installation. This steel member needs to start 4'-2" from the back of the coiling box and run the entire length of the door system. Please advise on how to proceed with adding a steel member to the existing steel beam. Loading requirements are listed on the approved shop drawings.

Response: PER MANUFACTURER, HANGER ROD LENGTH IS TOO LONG AND
ADDITIONAL STEEL SUPPORT IS REQUIRED AT A LOWER
ELEVATION - SEE ATTACHED SKETCH FOR EXTENSION OF STEEL
FROM GRID B.3 TO SOUTH END OF COILING DOOR.

ARCHITECT'S RESPONSE:

This information is provided as an interpretation of the Contract Documents for implementation. It is not an authorization for change to the Contract Sum or Contract Time. If this information results in a claim for a change to the Contract, the Contractor shall notify the [Construction Manager][Architect] of a change through the change process.

Answered By: JILL WALKER / DMA

Date: 03.17.2017
04.03.2017 R1

DAVID MASON & ASSOCIATES
CHICAGO, IL • ST. LOUIS, MO

COMPUTATION SHEETS

PROJECT #: W4-1SB

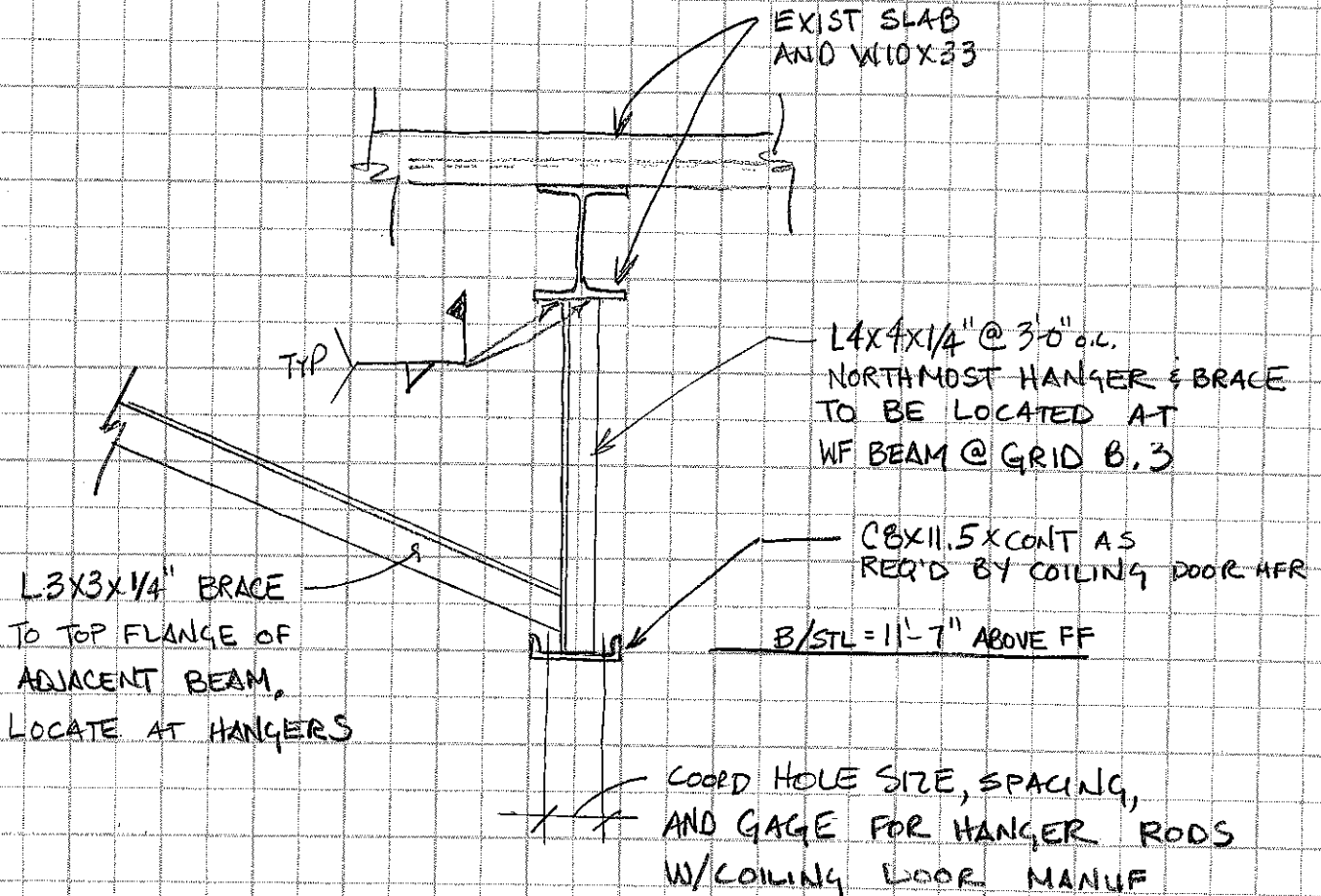
COMPUTED BY: _____

PROJECT TITLE: _____

CHECKED BY: _____

CLIENT: COIL DOOR SUPPORT

DATE: 3-31-17



SECTION Looking North

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB	
PROJECT NAME	
8274 BIG BEND BLVD	
ADDRESS	
NUMBER	
WEBSTER UNIVERSITY	
OWNER	
CANNON DESIGN	
ARCHITECT / ENGINEER	
DEVIN D GATES	
SUBMITTED BY	
083333-002	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
	083333
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
	CRITICAL

ITEM BEING SUBMITTED (check only one)

- | | | |
|--|--|--|
| ☒ Shop Drawings | ☐ Certification / | ☐ Coordination Drawing |
| ☐ Samples | ☐ Qualifications | ☐ Calculations |
| (_____ copies) | ☐ Record Documents | ☐ Schedules |
| ☐ LEED Submittal | ☐ Product Data | ☐ O&M Manuals |
| ☐ Other _____ | | |

ITEM BEING SUBMITTED FOR (check only one)

- ☒ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

Approval needed by 11/4/16 to meet schedule.

CONTRACTOR / CM CERTIFICATION (SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC
PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

DEVIN D GATES	10/19/16
REVIEWED BY	DATE

To be completed by Reviewer

08 3333-002
CANNON DESIGN SUBMITTAL NUMBER
11/2/16
RECEIVED DATE

- ☐ A. No Exceptions Taken
No further review of submittal is required.
- ☒ B. Make Corrections Noted
Incorporate corrections in work;
resubmission is not required.
- ☐ C. Revise and Resubmit
Revise as noted, and resubmit for review.
- ☐ D. Rejected
Submittal is not in compliance with Contract Documents;
provide new submittal.
- ☐ E. For Record / Information Only
Submittal was reviewed for Record / Information
purposes only.
- ☐ F. Not Required for Review
Submittal is not required by Contract Documents
and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

☐ See attached sheet(s) for additional comments

Provide Easy Trip Test feature per specification 083333,2.2,M.

Provide Obstruction sensing device per specification 083333,2.2,L.

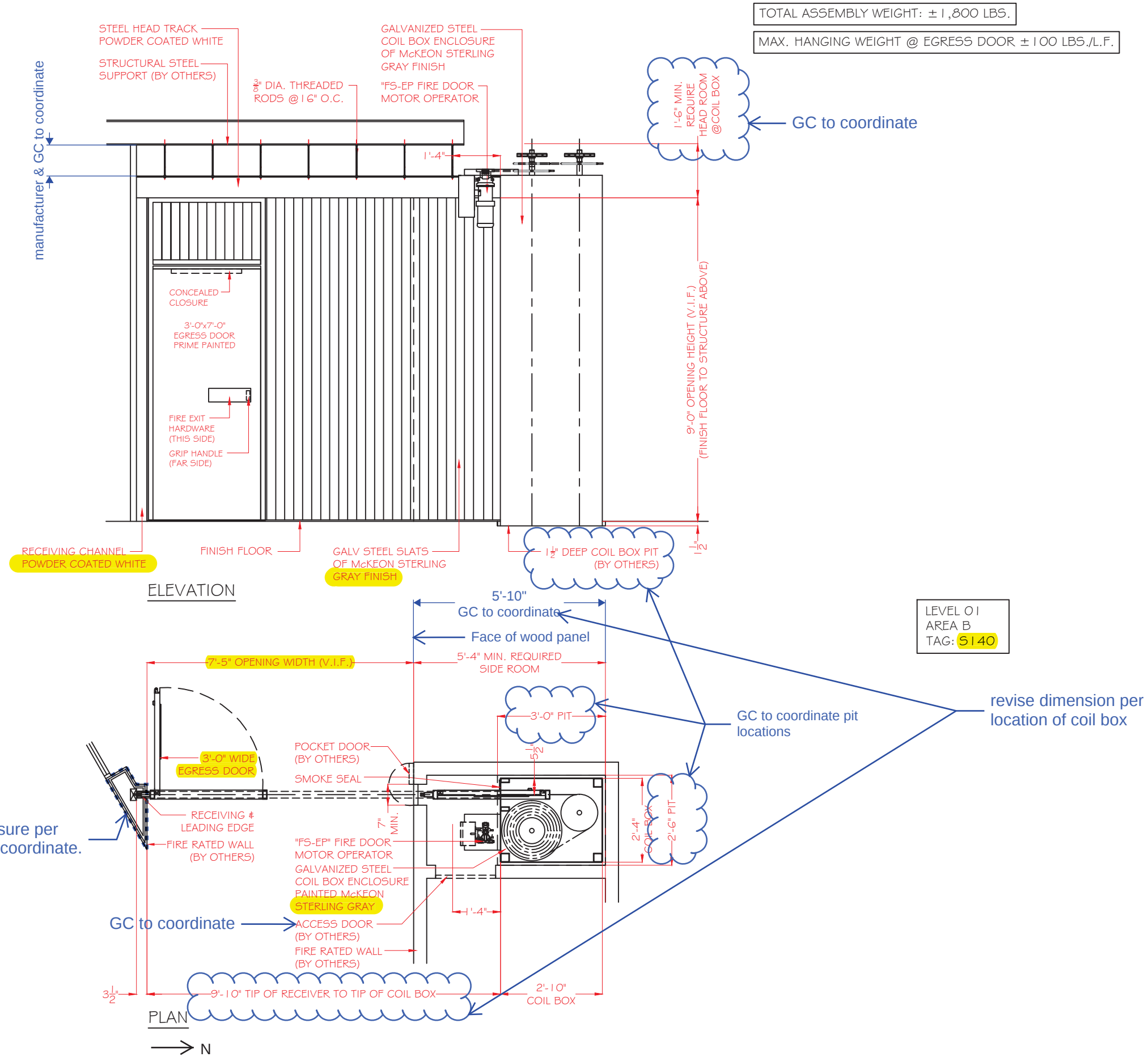
Kelvin Patel	11/7/16
REVIEWED BY	DATE

Digitally signed by Kelvin Patel
DN: C=US, E=kpatel@cannondesign.com, O=Cannon Design,
OU=Architect, CN=Kelvin Patel
Date: 2016.11.07 18:08:30 -0600

Webster Univ. Interdisciplinary Science Bldg.

Coiling Door Locator Schedule

<u>Model #</u>	<u>Spec Section</u>	<u>Door #</u>	<u>Opening Width</u>	<u>Opening Height</u>	<u>Floor - Area</u>	<u>Location</u>	<u>Head Detail</u>	<u>Jamb Details</u>	<u>Colors</u>
S9000-G	083333	S140	7'-5'	9'-0"	Level 01 Area B	near Stair 1	6/ A0501.B	6 & 7/ A0810	see drawings
S9000-G	083333	S240	7'-5'	9'-6"	Level 02 - Area B	near Stair 1	6/ A0501.B	6 & 7/ A0810	see drawings
S9000-G	083333	S340.1	7'-5'	9'-6"	Level 03 - Area B	near Stair 1	6/ A0501.B	6 & 7/ A0810	see drawings
S9000-G	083333	S440	7'-5'	9'-6"	Level 04 - Area B	near Stair 1	6/ A0501.B	6 & 7/ A0810	see drawings



TOTAL ASSEMBLY WEIGHT: ± 1,800 LBS.

MAX. HANGING WEIGHT @ EGRESS DOOR ± 100 LBS./L.F.



McKEON®
McKEON DOOR COMPANY
44 Sawgrass Drive
Bellport, NY 11713 USA

800.266.9392
www.McKeonDoor.com

NOTES:

1. All dimensions and clearances must be field verified and approved prior to release for fabrication.
2. Installation must be performed by a factory trained and authorized technician.
3. Field wiring to be completed by a fully qualified electrician and in accordance with NEC requirements.

PROJECT NAME

WEBSTER U ISB

PROJECT NO.

H201876

PROJECT LOCATION

ST. LOUIS, MO

PRODUCT MODEL

(1) SAFESCAPE S9000-G

ARCHITECT

CANNON DESIGN

PREPARED FOR

MAYS MAUNE McWARD

INITIAL SUBMITTALS

09 / 28 / 2016

REVISIONS

- 1.
- 2.
- 3.
- 4.
- 5.

DRAWN BY

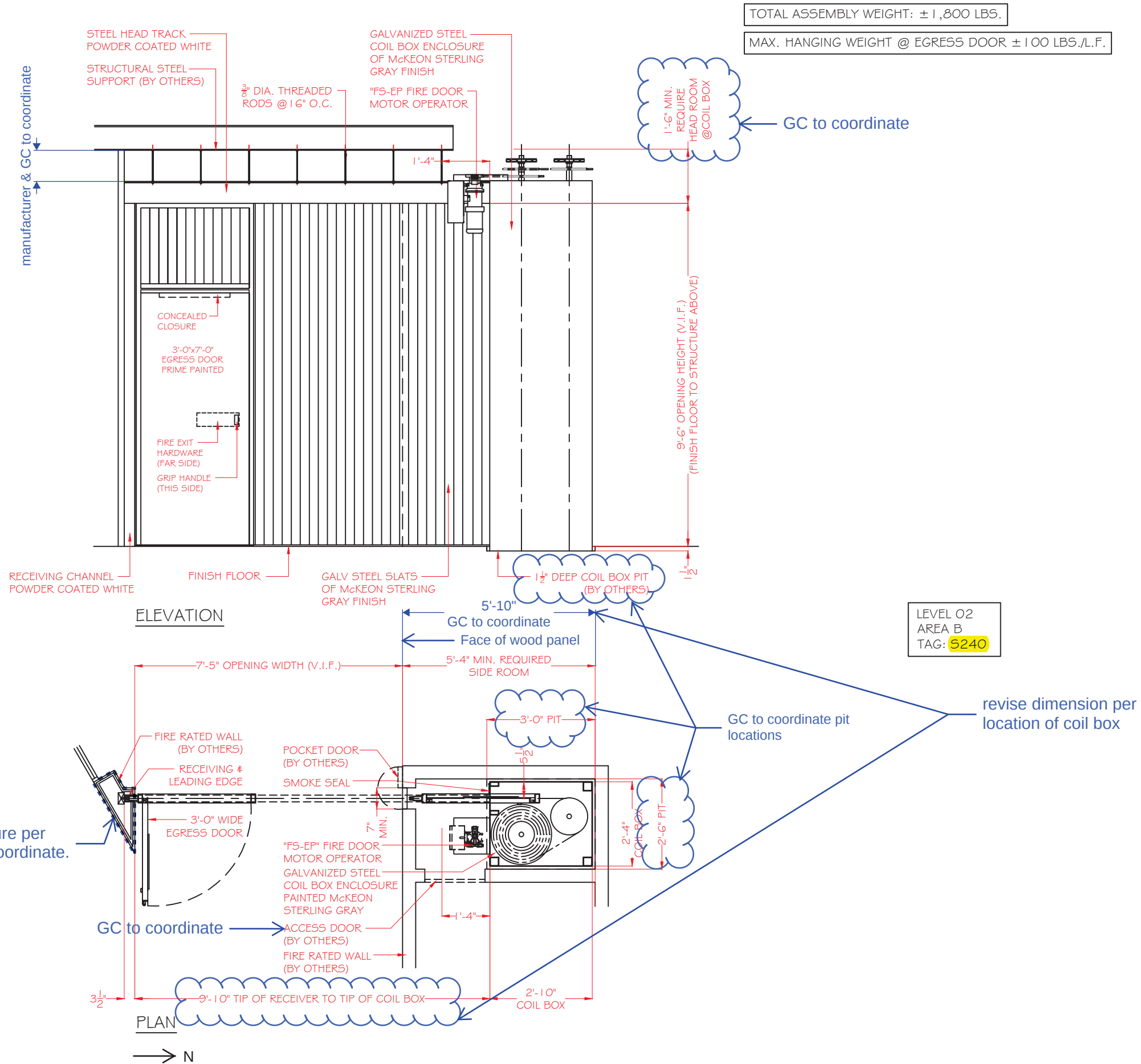
GENE DeBERNARDO

DRAWING NO.

WISB201876-1

SHEET 1 of 5

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PROJECT NAME

WEBSTER U ISB

PROJECT NO.

H201876

PROJECT LOCATION

ST. LOUIS, MO

PRODUCT MODEL

(1) SAFESCAPE S9000-G

ARCHITECT

CANNON DESIGN

PREPARED FOR

MAYS MAUNE McWARD

INITIAL SUBMITTALS

09 / 28 / 2016

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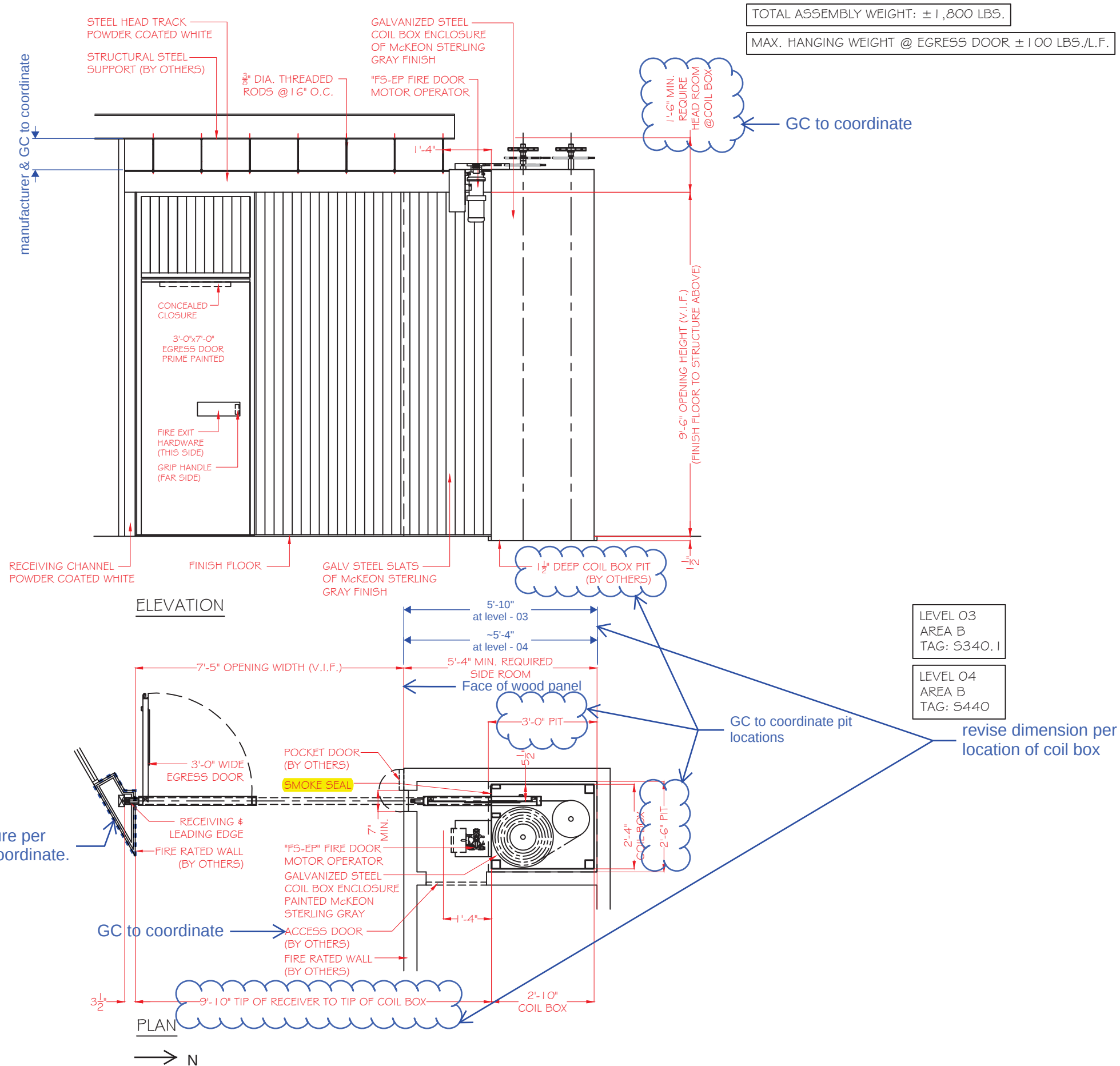
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DRAWING NO.

WISB201876-2

SHEET 2 of 5

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PROJECT NAME

WEBSTER U ISB

PROJECT NO.

H201876

PROJECT LOCATION

ST. LOUIS, MO

PRODUCT MODEL

(2) SAFESCAPE S9000-G

ARCHITECT

CANNON DESIGN

PREPARED FOR

MAYS MAUNE McWARD

INITIAL SUBMITTALS

09 / 28 / 2016

REVISIONS

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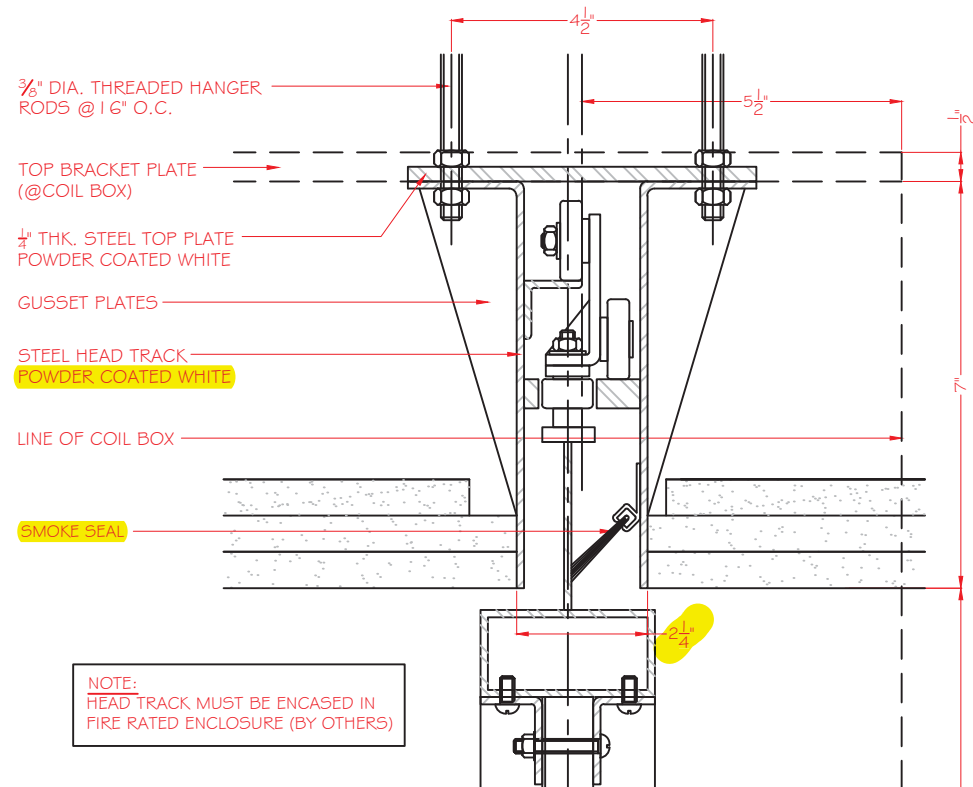
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DRAWING NO.

WISB201876-3

SHEET 3 of 5

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STATIONARY GALV. STEEL SLATS
OF McKEON STERLING
GRAY FINISH

DOOR FRAME
POWDER COATED GRAY

DOOR STOP &
CLOSER GUIDE

3'-0\"/>

FIRE EXIT HARDWARE

GRIP HANDLE

LINE OF COIL BOX

FINISH FLOOR

BOTTOM BRACKET
PLATE (@COIL BOX)

NOTE:
McKEON WILL PROVIDE
3/8\"/>

Not long enough,
GC to coordinate

LEVEL 01
AREA B
TAG: S140

LEVEL 03
AREA B
TAG: S340.1

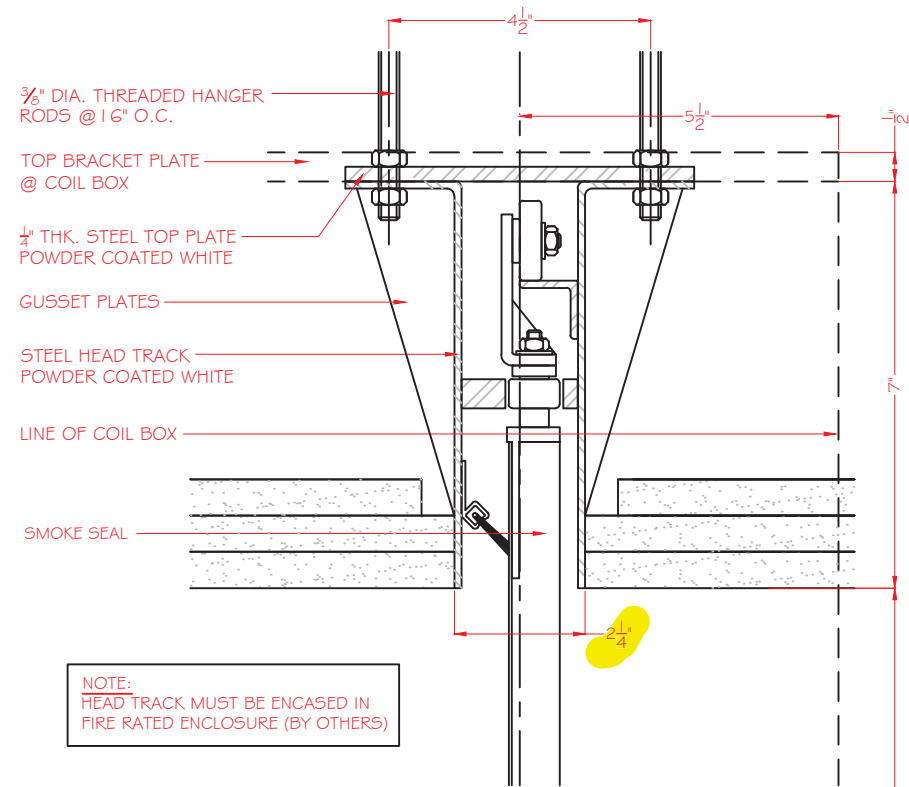
LEVEL 02
AREA B
TAG: S240

LEVEL 04
AREA B
TAG: S440

SEE ELEVATIONS FOR OPENING HEIGHT (V.I.F.)
(FINISH FLOOR TO TIP OF HEAD TRACK)

GC to coordinate pit
locations

SECTION @ EGRESS DOOR (TYP.)



NOTE:
HEAD TRACK MUST BE ENCASED IN
FIRE RATED ENCLOSURE (BY OTHERS)

CURTAIN SLATS

LINE OF COIL BOX

FINISH FLOOR

BOTTOM BRACKET PLATE
@ COIL BOX

SEE ELEVATIONS FOR OPENING HEIGHT (V.I.F.)
(FINISH FLOOR TO TIP OF HEAD TRACK)

GC to coordinate
pit locations

SECTION @ CURTAIN (TYP.)



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3. Field wiring to be completed by a fully qualified electrician and in accordance with NEC requirements.

PROJECT NAME

WEBSTER U ISB

PROJECT NO.

H201876

PROJECT LOCATION

ST. LOUIS, MO

PRODUCT MODEL

(4) SAFESCAPE S9000-G

ARCHITECT

CANNON DESIGN

PREPARED FOR

MAYS MAUNE McWARD

INITIAL SUBMITTALS

09 / 28 / 2016

REVISIONS

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GENE DeBERNARDO

DRAWING NO.

WISB201876-4

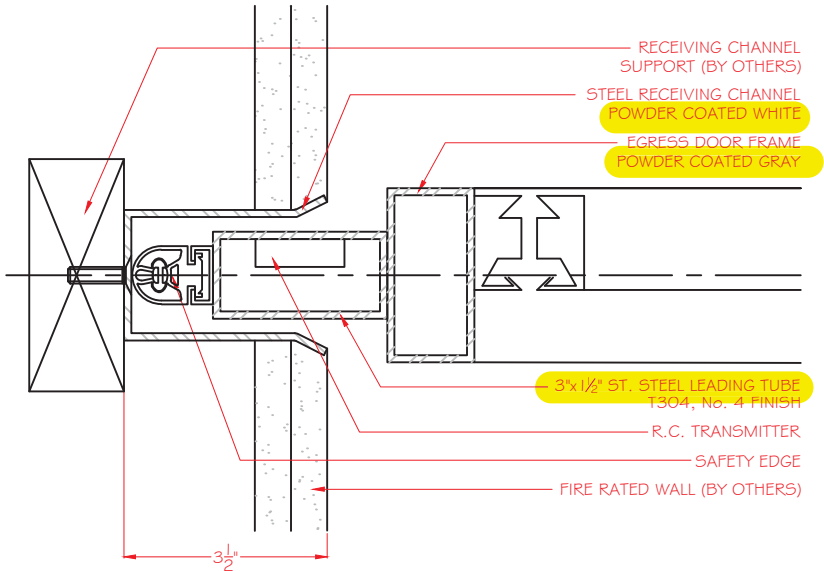
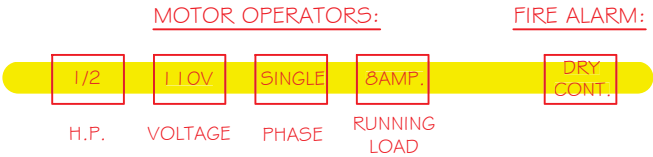
SHEET 4 of 5

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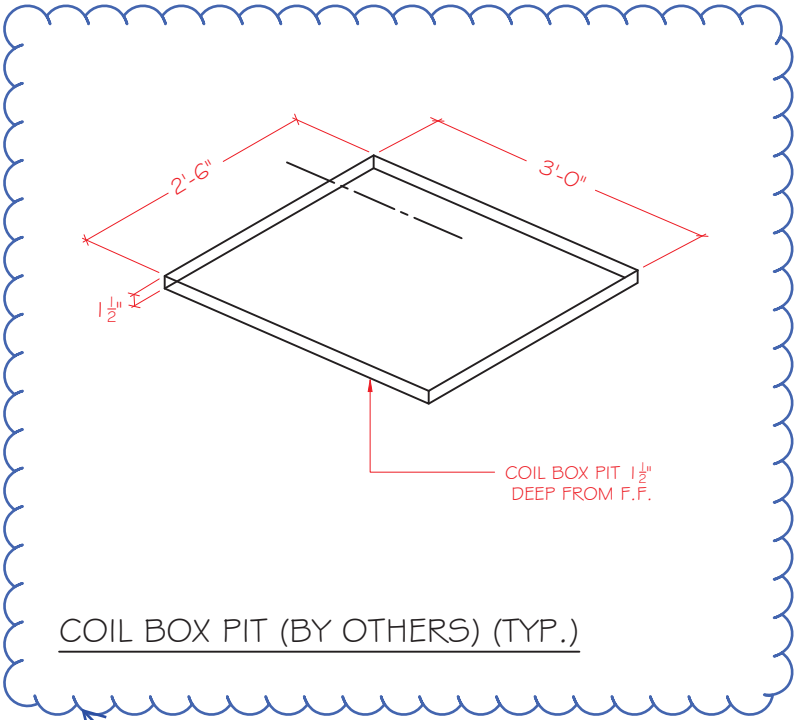
LEVEL 01 AREA B TAG: S140	LEVEL 03 AREA B TAG: S340.1
LEVEL 02 AREA B TAG: S240	LEVEL 04 AREA B TAG: S440

- NOTES:
1. THESE DRAWINGS ARE APPLICABLE FOR FOUR (4) SAFESCAPE S9000-G SIDE COILING FIRE DOOR SYSTEMS "S" LABELED. THREE (3) HOUR RATED.
 2. McKEON TO PROVIDE NEMA 1 "FS-EP" AUTO-SET MOTOR OPERATORS AND FLUSH MOUNT KEY SWITCH CONTROL STATIONS. THE LOCATION OF THE CONTROL STATIONS SHOULD BE PROVIDED TO THE ELECTRICIAN.
 3. McKEON TO PROVIDE ONE (1) 3'-0"x7'-0" EMERGENCY EGRESS DOOR COMPLETE WITH FIRE EXIT HARDWARE PER OPENING.
 4. McKEON TO PROVIDE FAIL SAFE MAGNETIC RELEASE DEVICES WITH 10 SECOND TIME DELAY.

manufacture to advise purpose & location requirements of control stations switch.



LEADING AND RECEIVING EDGE DETAIL (TYP.)



COIL BOX PIT (BY OTHERS) (TYP.)

GC to coordinate pit locations



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PROJECT NAME

WEBSTER U ISB

PROJECT NO.
H201876

PROJECT LOCATION
ST. LOUIS, MO

PRODUCT MODEL
(4) SAFESCAPE S9000-G

ARCHITECT
CANNON DESIGN

PREPARED FOR
MAYS MAUNE McWARD

INITIAL SUBMITTALS
09 / 28 / 2016

REVISIONS
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GENE DeBERNARDO

DRAWING NO.
WISB201876-5

SHEET 5 of 5

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