

RFI 72

Project: COOLEY LABORATORY RENOVATION
Job: 3146 COOLEY LAB, PPA# 10-0023
Customer: STOFMT MSU BOZEMAN

POTENTIAL IMPACTS
Cost Impact: No
Schedule Impact: No

Issued To: CONSTRUCTION MANAGEMENT SERV.
P.O. BOX 7274
BOZEMAN, MT 59715

Attention: DONALD J. PLATISHA Coordination copies to:

Phone/Fax: 406 585-0611 / 406 585-2698

Item: Elevator Foundation Shift Type: ARCH/STRUC
Reference: S3.3, S2.7, A1.1 Spec. Section:
Attachments: 2 Drawings

Description of Request

QUESTION:
The elevator pit foundation got shifted 4" to the north (see attached sketch 1). This occurred due to the fact the brick ledger at the time of layout appeared to be edge of foundation, "Gridline A".

We propose to make the grade-beam and wall bigger along gridline B .8, so the CMU walls on the 1st floor are per plans, (see attached).

We propose to either shift the upper grade-beam along gridline A to the north or make a larger grade beam along gridline A so the 1st floor cmu wall and framed wall are per plans, (see attached).

The ramifications of these proposed moves as DAC sees it are as follows:
The basement elevator vestibule entrance is made smaller by 4" due to the concrete wall encroaching in on it, but the overall size of the elevator vestibule remains the same due to the fact the elevator pit also shifted 4" north.

All the elevator vestibules on 1st, 2nd, 3rd, and 4th

floor will get 4" larger. The mechanical chase behind

the elevator will get 4" smaller.

Respond By: 01/16/12 By: TIM THOLT Response

To make the proposed modifications do the following:

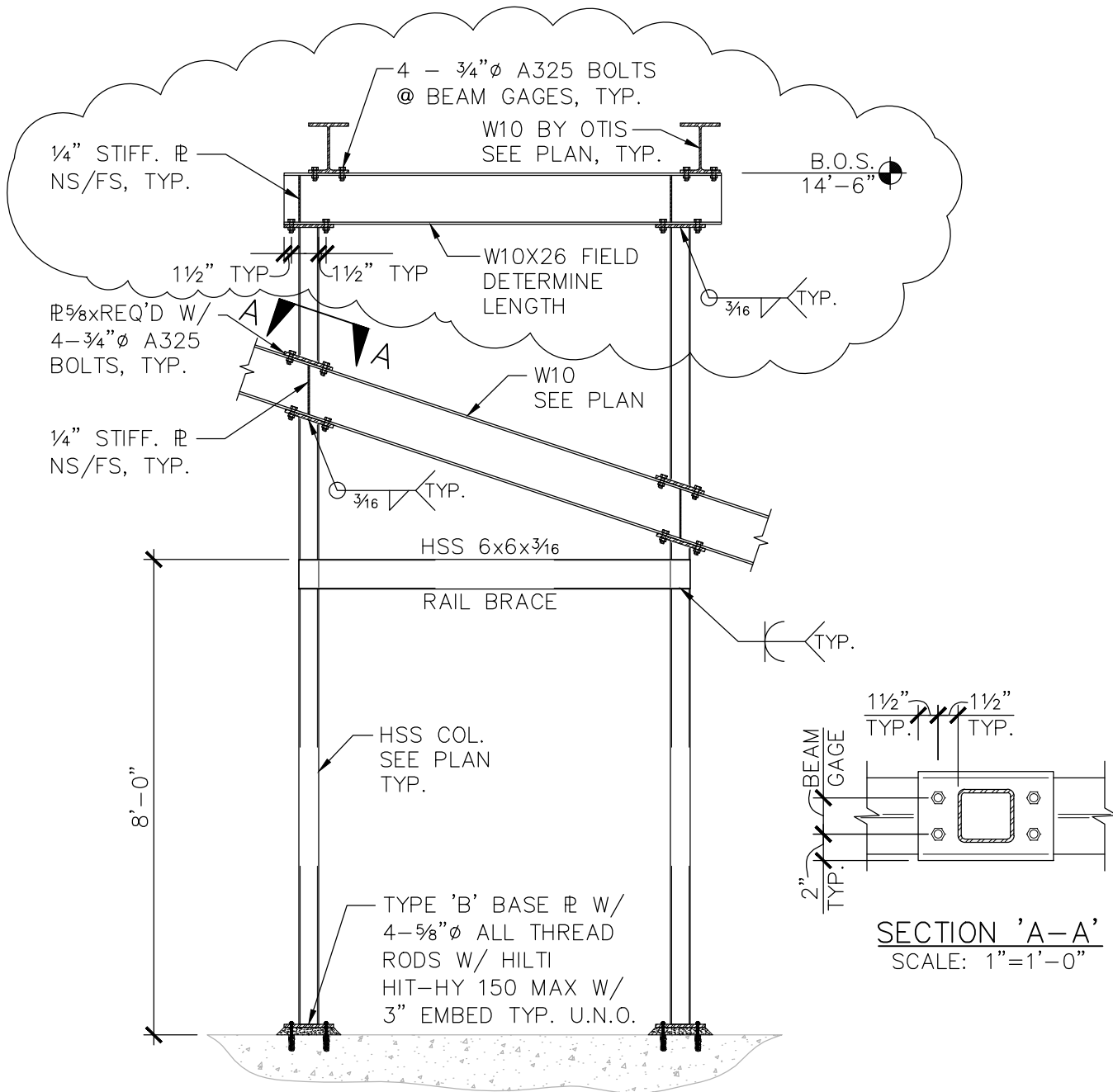
- 1. Increase the width of the wall along grid line B.8 to 16". Use #4's at 18" o.c. vertical each face and #4's at 12" o.c. horizontal each face. Provide new #4 dowels to match the location of the new southern vertical steel curtain. Use Hilti HIT HY-150 MAX-SD epoxy with 4.5" embed for dowels.
2. Increase the width of the grade beam along grid line B.8 to 1'-10". Keep the location of the two CMU walls per the drawings.
3. Shift the location of the 12" vertical wall along Grid Line A 4" to the North. Leave the upper grade beam, CMU wall, and steel stud wall per the drawings.
4. Since the elevator will shift 4" to the north, Detail 9/S3.2 will need to be modified to provide support for the elevator beams. See attached drawing F-7.
5. DAC to confirm that no other material changes will occur due to the change in location of the elevator.

Jerome Gannon 1/16/12

Signed: _____ Date: _____

Proceed as Indicated: _____ Date: _____

Owner Authorized Representative



9 SECTION
SCALE: 3/8"=1'-0"

JOB NAME: Cooley Lab



140 E. BROADWAY
MISSOULA, MT
59802
(406) 829-3300

REF: 9/S3.2

BY: JDG

DATE: 1/16/12

SHEET:

F-7