

Field Observation Report #20

Date: April 10, 2014
Time: 3:00 pm
Weather: Sunny
Temperature: 58 degrees
% Complete: 87% Visible
Trades: Framing, Masonry, Dirtwork
Crew Size: 10-12

Project: Burleigh County Shop
Project No: 12-04
Location: Bismarck, ND

The following information is a documentation of observations and findings as a result of a visit to the construction site. Items and decisions made within this reports are considered a part of the contract documents.



Photo 1: Window boxes have been placed

1. Roofing has been completed over the raised roof area and canopy. Only seventy feet remains over Area "B." This work is expected to be complete next week.
2. The electricians have initialized the electrical service work in areas where the roof has been placed. This work is expected to be completed in 4-6 weeks.



Photo 2: Roofing work continues, but is nearing completion.

3. Some door frames that are set in the pre-cast walls require power that was not set in the panels. The electrical engineer, John Klein, indicated the following in response to this:
 - a. "Regarding the missed conduits for the electric strike at the Burleigh County Shop. Talking with Scott at BEI, there are two (2) locations where Wells Concrete missed the conduits; one in the office area and one in the shop area. I put together the two options for getting the required conductors to the electric strike; in either case the fix is somewhat easy"
 - b. Please see the attached drawing from Apex Engineering for information relating to these fixes.
4. There are concerns with the water service being frozen and the possibility of broken valves. This hasn't been confirmed yet and is awaiting the system to be completely thawed.
5. The owner confirmed that all TV outlet mounting heights, with the exception of the box above the Lunch Room fridge, are to be centered in the room at 6'-0" AFF.
 - a. The outlet in the lunch room is to be at 7'-6" AFF to allow for a TV above the fridge, if needed in the future.



Photo 3: Roofing work continues, but is nearing completion.

6. Masonry work is underway in the locker rooms. The burnished finish is only required where exposed. Therefore any block above the ceiling or behind lockers can be standard block (*please see photo 3*).



Photo 4: Mechanical and Electrical contractors are working on mezzanine slabs.

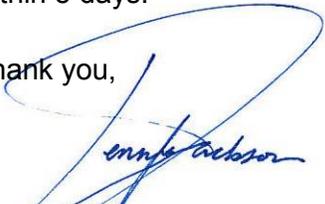


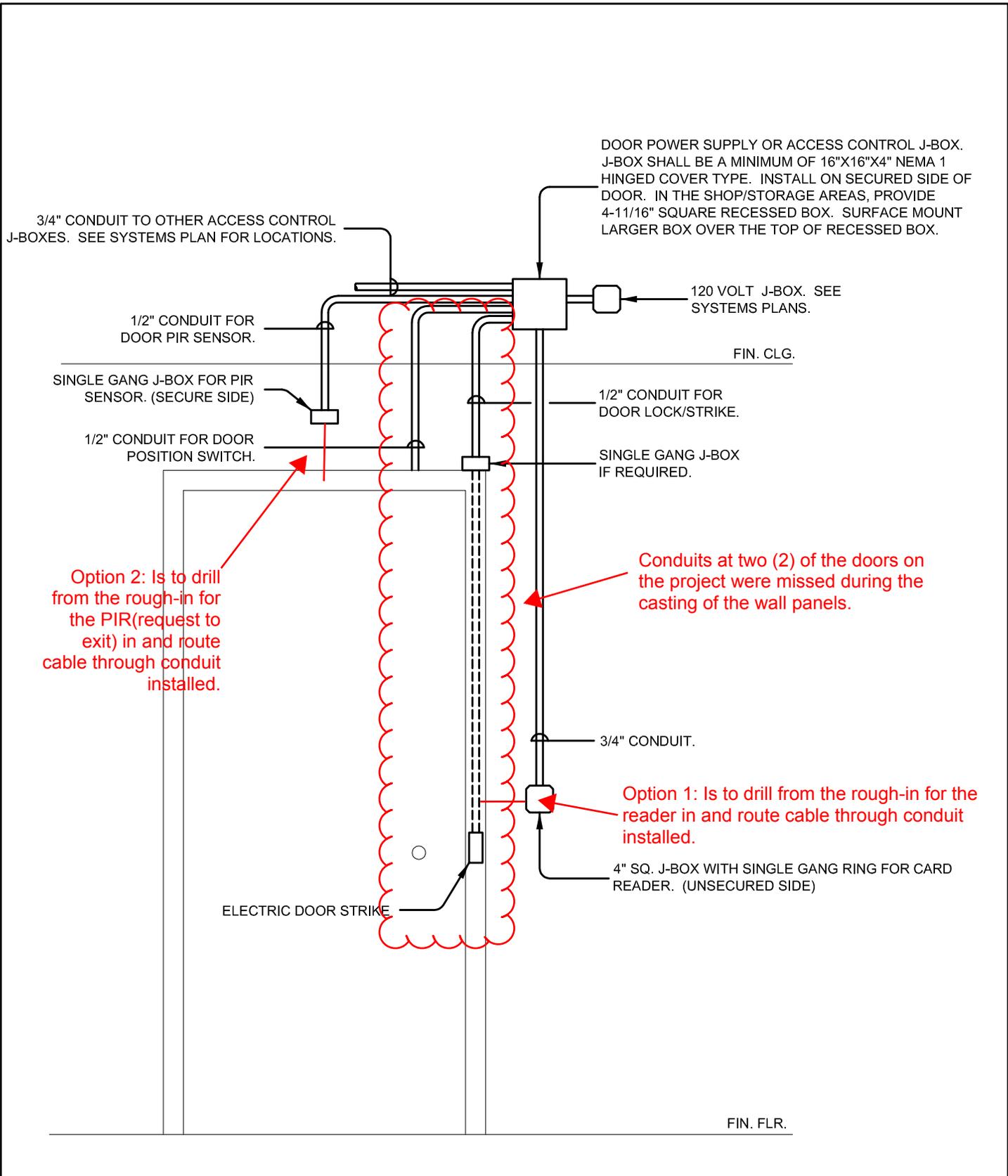
Photo 5: The canopy soffit framing is under discussion.

7. The structural engineer has provided additional options to replace the canopy framing design indicated on Drawings 1/A4.5, Drawing 10/S6.3 and Drawing 11/S6.3.
 - a. Please see the attached sketches from CW Structural for contractor options related to canopy framing. Also, the image above shows the area where this will potentially be incorporated.

This concludes Field Observation Report #20. Please report any discrepancies to our office within 5 days.

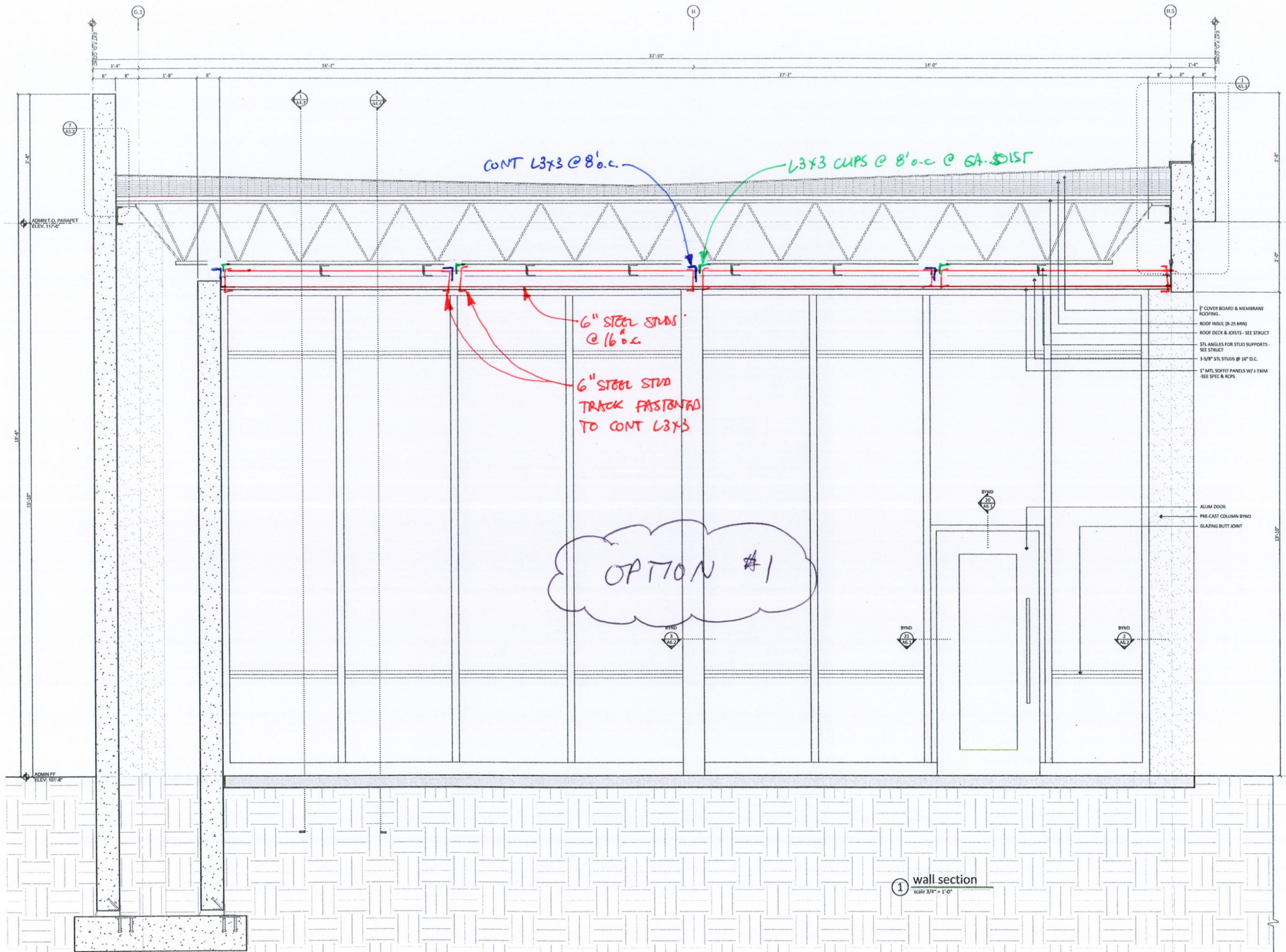
Thank you,


Jennifer Jackson



Burleigh County Highway Department
 Garage and Shop
 Detail 5/E4.5
 Access Control Door Rough-In

1-11-2013 Project # 12.134.0017	
Add. No.	1
Sheet No.	1



CONT L3x3 @ 8' o.c.

L3x3 CUPS @ 8' o.c. @ 6A-DIST

6" STEEL STUDS @ 16" o.c.

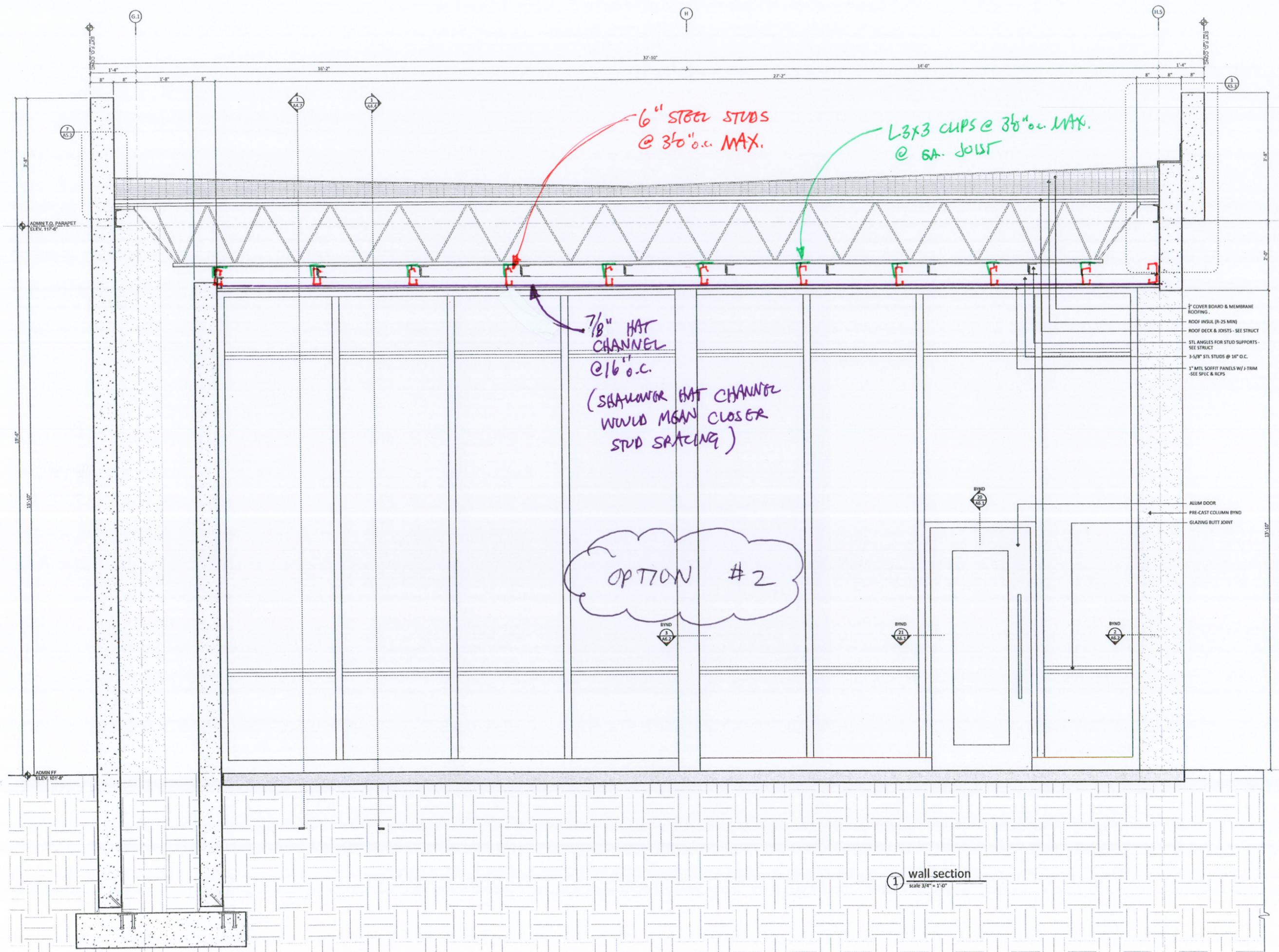
6" STEEL STUD TRACK FASTENED TO CONT L3x3

OPTION #1

- 1" COVER BOARD & MEMBRANE ROOFING
- ROOF INSUL (R-25 MIN)
- ROOF DECK & JOISTS - SEE STRUCT
- STL ANGLES FOR STUD SUPPORTS - SEE STRUCT
- 3-5/8" STL STUDS @ 16" O.C.
- 1" METL SOFFIT PANELS W/ J-TRIM - SEE SPEC & RCPs

- ALUM DOOR
- PRE-CAST COLUMN BYND
- GLAZING BUTT JOINT

1 wall section
scale 3/4" = 1'-0"



6" STEEL STUDS
@ 3'-0" o.c. MAX.

L3x3 CLIPS @ 3'-0" o.c. MAX.
@ EA. JOIST

7/8" HAT CHANNEL
@ 16" o.c.
(SHALLOWER HAT CHANNEL
WOULD MEAN CLOSER
STUD SPACING)

OPTION #2

1" COVER BOARD & MEMBRANE ROOFING
ROOF INSUL (R-25 MIN)
ROOF DECK & JOISTS - SEE STRUCT
STL ANGLES FOR STUD SUPPORTS - SEE STRUCT
3-5/8" STL STUDS @ 16" O.C.
1" MTL SOFFIT PANELS W/ J-TRIM - SEE SPEC & RCPS

ALUM DOOR
PRE-CAST COLUMN BYND
GLAZING BUTT JOINT

1 wall section
scale 3/4" = 1'-0"