

MUNICIPALITY OF ANCHORAGE
Appeals to the Three-Member Panel and the
Board of Building Regulation Examiners and Appeals

Date 1-18-21 Building Board Case No. BCA-01-2021 Permit No. C20-1767
C20-2167

Appeal Emanating from Action of the Building Official

Appeal Emanating from Action of the Fire Official

I (we) NELSON M. FRANKLIN P.E. (907) 277-1631
Appellant Telephone Number
of 225 E. FIREWEED LANE, ANCHORAGE AK, 99503
Mailing Address City State Zip Code

request a determination be made by the Building Board on the case of:

a. _____ permit denial
(type)

b. APPLICATION FOR MODIFICATION - AIR USA ELEVATOR INSTALL
(please state) (other)

Street Address of Project: 4200 B ST. ANCHORAGE, AK.
Legal Description: INDUSTRIAL PARK 4000 LOT 6A
Between Cross Streets: W 40 TH. and W. TUDOR RD.

Status of Project: (check applicable boxes)

- a. Construction has _____ has not _____ started.
- b. Construction was suspended more than six months ago.
- c. Construction is in progress but a stop-work order has been issued by the Municipality.
- d. Construction is pending.
- e. Other CONSTRUCTION IS NEAR COMPLETE,
(please state)

This appeal is based on the action of the Building Official or Fire Official, who claims that:
(check one or more)

- a. Materials(s) chosen (is) (are) not appropriate for intended use.
- b. Type(s) or method(s) of construction (is) (are) not permitted.
- c. A Fire/Life Safety deficiency exists for the intended type of occupancy, which takes precedence over the plans as submitted and approved for permit.
- d. Other CEILING CLEARANCE IN ELEVATOR SHAFT WAS NOT PROVIDED,
(please state)

I (we) contend that such an interpretation is incorrect or incomplete as per

Section (A) 102.41 CONFLICTS.
(A) 104.10 MODIFICATIONS of the 2012 IBC, which supports the following belief:
(number & paragraph) (state which code)

State main reason(s), please be brief:

- A CONFLICT EXISTS BETWEEN THE 2012 IBC AND THE CURRENT ASME ELEVATOR STANDARD. THE 2012 IBC SHOULD APPLY.
- SINCE THE BUILDING IS EXISTING THERE IS A PRACTICAL DIFFICULTY IN MEETING THE CURRENT 4" CLEARANCE REQUIREMENT.
- PROVIDING THIS CLEARANCE WILL REQUIRE MODIFICATION OF THE ROOF STRUCTURE RESULTING IN REDUCTION OF THE EXISTING ROOF CAPACITY WITH RESPECT TO ELEVATOR LOADINGS.
- THE VERBAGE USED IN THE ASME A17.1 CURRENT STANDARD IS VERY CONFUSING, NOT CLEAR AND OPEN TO INTERPRETATION. THERE IS NO SHEARING HAZARD.
- THE ELEVATOR SUPPLIER AND INSTALLER HAS INDICATED THAT THE INSTALLATION IS SAFE.

Franklin Associates

Signature of Appellant

FRANKLIN ASSOCIATES

(907) 277-1631

Telephone

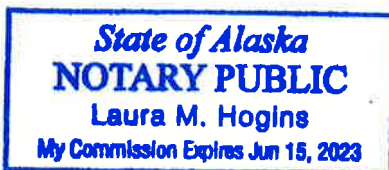
(907) 277-2939

Fax

Address 225 E. FIREWEED LN. # 202
DICHONAGE, AK. 99503

City State Zip Code

Subscribed and sworn to before me this 20th day of January, 2021.



Laura M. Hogins

Notary Public in and for Alaska

My Commission Expires: June 15, 2023

Nelson Franklin - Franklin & Associates

From: Liebing, Mike V <Mike.Liebing@otis.com>
Sent: Tuesday, January 12, 2021 1:34 PM
To: Nelson Franklin - Franklin & Associates
Cc: Wright, Joseph
Subject: Car top clearance and operation

Nelson

Per your request, I will explain the car top operation for the elevator recently installed in the B Street AlaskaUSA office building. We understand that the minimum clear overhead requirement of 12' 0" could not be obtained and stay within the existing building structure. While we do not have the full 4" clearance above the cylinder bracket when the car is at the physical upward limit of travel, the bracket will not make physical contact with the top of the shaft because the equipment hit the stop ring before that happens (leaving approx. 2" of clearance.) For a mechanic or inspector who was using the car top control station to drive the car into the overhead, this clearance discrepancy would not come into concern. The car top inspection operation has additional limits on the travel in the upward direction. While using the car top inspection station to move the car upward into the overhead, approximately 24" prior to hitting the top terminal limit magnet, the car would stop upward travel when it hits the Inspection limit magnet. There is no mechanical switch that a mechanic could "jump out" to override this upward limit even if they wanted to do so.

All operations where the car is to be driven past the top terminal limit and onto the stop ring must be conducted from the controller outside of the hoistway using a mechanic service tool which would only be used by a qualified elevator mechanic. Further, if the inspection limit magnet were to be removed the elevator would see this as an operations fault when the magnets signal was not detected during a normal up run to the second floor and shut down before getting close to the top terminal position.

Mike Liebing
Manager, Otis Alaska
(907) 227-2575

To: Dorothy Swanson

MUNICIPALITY OF ANCHORAGE



DEVELOPMENT SERVICES DEPARTMENT

(907) 343-8301
FAX: (907) 343-8200

December 31, 2020

Nelson M. Franklin
Franklin & Associates
225 E Fireweed Lane
Anchorage, AK 99503

Dear Mr. Franklin,

The Building Safety staff has reviewed this application. I accept their recommendation and reject the request for a modification, which would in effect be a waiver of code.

We do not see any conflict in the IBC with the elevator code requirement. (IBC 102.41)

The application has not substantiated how modifying the code requirement to 1 ¼ inches for this new install meets the intent of the elevator code of 4 inches of clearance above the hydraulic jacks. (IBC 104.10)

The elevator group have informed you the purpose of the 4-inch requirement is necessary to protect elevator personnel who are moving the elevator on top-of-car inspection operation, with the specific protection being that of eliminating a crush hazard to a person's arm that could come to rest atop the jack assembly as the elevator is being driven up on inspection operation. The ASME standards committee utilized ISO 15534-3 Anthropometric data for determining the 4-inch clearance as the minimum necessary clearance required to protect a worker's arm.

The application did not include a declaration from Otis that this installation meets code or is "safe".

The code for 4 inches above the jacks has been in place for over a decade. If we used the later code 2007 ASME, it would require 6 inches. The shaft for the elevator is a new shaft inside the building not an existing elevator shaft, it should meet the current code. The shaft was not built large enough or Otis gave the wrong dimensions. The roof needs to be modified. Ideally, this would have been done earlier before so much work had been done. Note: modifying roofs has been done many times to accommodate new elevators in existing buildings.

The code being stated is written with the fact that only trained crews enter the space not the general public so to state that as reason to grant the modification is not persuasive.

Sincerely,

Robert Doehl
Director & Building Official

FRANKLIN & ASSOCIATES

Consulting Engineers

December 28, 2020

225 East Fireweed Lane
Suite 202
Anchorage, Alaska 99503-2080
(907) 277-1631
(907) 277-2939 FAX

Mr. Robert Doehl
Development Services Department
Director and Building Official
Municipality of Anchorage
4700 Elmore Road
Anchorage, AK 99507

Re: Application for Modification Under the 2012 IBC
Permit No. C20-1767
AK USA Federal Credit Union
B Street South Elevator Alterations
4200 B Street
Anchorage, Alaska
Our Job No. 20-029

Dear Mr. Doehl:

The subject project involves placing a new Otis HydroFit 3510 passenger elevator in the entry lobby of an existing two-story building. This building is constructed with concrete tilt-up exterior walls with Trus Joist second floor and roof framing and plywood diaphragms. The building was built in 1979. The Otis elevator model was chosen due to its minimal space requirements. The available height for installation was very limited, but the height requirement provided by Otis was met. The installation of this elevator is near completion. Discussions with Mr. Joseph R. Wright, Otis Construction Manager, indicates that Otis considers this elevator to be safe and they are satisfied with this installation. This work is controlled by the 2012 IBC.

I have been informed by the contractor that the elevator inspector has questioned the installation, specifically ASME Elevator Code Section A17.1-2016, Article 3.4.8, requiring a 4-inch clearance at the top of the hydraulic jack extending 12 inches to the front of the jack. It is my understanding that this is a relatively new requirement. The existing clearance is 1-1/4 inch.

Providing this additional clearance will require:

- Cutting into the overhead sheetrock
- Cutting and removing a portion of the bottom chord of a 16-inch TJL joist
- Removing portions of the reinforcing recently added to support the elevator rails and reconfiguring as required
- Reframing the opening to provide the noted clearance including reinforcing for the TJL joist
- Closing the opening including re-establishing the insulation, vapor retarder and 5/8-inch Type X sheetrock

This will be a significant effort and it may require raising portions of the roof in this area.

Code References

The applicable building code is the 2012 IBC. This code adopts the ASME/A17.1-2007 "Safety Code for Elevators and Escalators".

IBC Section [A] 102.41. Conflicts.

Where conflicts occur between provisions of this code and referenced codes and standards, the provisions of this code shall apply.

IBC Section [A] 104.10 Modifications.

Wherever there are practical difficulties involved in carrying out the provisions of this code, the *building official* shall have the authority to grant modifications for individual cases, upon application of the owner or owner's representative, provided the *building official* shall first find that special individual reason makes the strict letter of this code impractical and the modification is in compliance with the intent and purpose of this code and that such modification does not lessen health, accessibility, life and fire safety, or structural requirements. The details of action granting modifications shall be recorded and entered in the files of the department of building safety.

ASME A17.1.2016 3.4.8 Clearances Above Hydraulic Jack Projecting Above the Car

When the car has reached its maximum upward movement, a vertical clearance of 100 mm (4 in.) shall be provided from a hydraulic jack attached to the car and the jacks' attachment means to the horizontal plane described by the lowest part of the overhead structure or other obstruction adjacent to the car enclosure top within the vertical projection of the hydraulic jack and its attachment means. Additionally a horizontal clearance in the direction of the centerline of the car top of at least 300 mm (12 in.) shall be provided from the top of the hydraulic jack to any object creating a shearing hazard.

It is my understanding that this requirement was new in ASME A17.1. 2010 Standard.

It is my opinion that this effort will result in damage to the existing structure in an attempt to provide additional clearances required by a newer code. The elevator installer, Otis, has indicated that they consider the installation to be safe as is. The reasoning for this additional clearance is not apparent, and the wording requiring the clearance is not clear. Therefore, I am requesting the building official to grant a modification for this project to delete the 4-inch clearance requirement as allowed under the 2012 IBC Section 104.10.

This modification can be granted because:

- This modification meets the intent of the 2012 IBC.
- A conflict exists between the 2012 IBC and the current ASME Elevator Standards. The 2012 IBC should apply.
- Since this is an existing building, there are practical difficulties in meeting this 4-inch clearance requirement.
- This clearance requirement occurs in the area above the elevator cab lid. This area would be accessed by the trained elevator repair crew only. This area is not open to the public.
- Attempts to provide this 4-inch clearance will damage recently placed and required structural reinforcements.
- Attempts to provide this 4-inch clearance will result in a weakened roof diaphragm structure.
- This modification does not lessen health, accessibility, or life and fire safety.

Thank you for your consideration.

Sincerely,



Nelson M. Franklin, PE

cc: Mr. Ross Noffsinger
Engineering Services Manager, MOA
Mr. Gary Hile
Chief of Inspections, MOA

FRANKLIN & ASSOCIATES

Consulting Engineers

225 E. Fireweed Ln.

Suite 202

Anchorage, Alaska

(907) 277-1631

(907) 277-2939 fx

1-29-21

APPLICATION FOR MODIFICATION

PROJECT NO.: 20-029

PROJECT NAME: ALASKA USA FCU
B ST. SOUTH ELEVATOR

LOCATION: ANCHORAGE, ALASKA

OWNER: AK USA

ARCHITECT: GORDON THOMPSON - ARCHITECT
711 M ST. # 101
ANCHORAGE, ALASKA

PROJECT ENGINEER: NELSON M. FRANKLIN, P. E. *NMF*

SCOPE: INSTALL NEW ELEVATOR AT EAST END OF EXISTING TWO
STORY BUILDING.

THIS IS AN APPLICATION TO THE BUILDING BOARD OF REGULATION EXAMINERS AND APPEALS TO ALLOW A MODIFICATION OF A BUILDING CODE REQUIREMENT DUE TO MEETING OF THE STRICT LETTER OF THE CODE BEING IMPRACTICLE AND THE MODIFICATION IS IN COMPLIANCE WITH THE INTENT AND PURPOSE OF THE CODE.

BUILDING BOARD CASE NO. BCA - 01 - 21

PERMIT NO. C20 - 1767 - C20 - 2167

Project: AK USA B. ST. ELEVATOR
 Subject: APPLICATION FOR MODIFICATION

BACKGROUND

- | | | |
|---|---|---|
| 1 | ORIGINAL CONSTRUCTION
ARCHITECT
CONTRACTOR | 1979
DESIGN PLUS - DON DWIGGINS - AIA
BAUGH CONSTRUCTION |
| 2 | CONSTRUCTION IS: | CONCRETE TILT-UP EXT.WALL
SLAB-ON-GRADE
STEEL BEAMS AND COLUMNS
TRUS-JOIST OPEN WEB JOISTS
PLYWOOD ROOF AND FLOOR DIAPHRAGMS |
| 3 | PURCHASED BY AK USA | 2007 |
| 4 | INTERIOR REMODEL
REVISED MECHANICAL
REROOF | 2007
GORDON THOMPSON - ARCHITECT
CRITERION GENERAL INC. |
| 5 | VOLUNTARY SAFETY UPGRADE
ADDED HEATED SIDEWALKS
ADDED ELEVATOR
UPGRADED STAIRWAY | 2020 - ONGOING
GORDON THOMPSON - ARCHITECT
CADENCE GENERAL LLC
DESIGN PROCEEDED WITH THE
UNDERSTANDING THAT IF THE SAFETY
BEAM IS DESIGNED TO BE REMOVABLE
THE REQUIRED CEILING HT. IS 12'-0" |

TIMELINE

- | | |
|----------|--|
| 8-10-20 | DESIGN COMPLETED |
| 8-12-20 | APPLICATION FOR BUILDING PERMIT |
| 8-31-20 | FINAL ELEVATOR SUBMITTAL |
| 11-16-20 | STRUCTURAL PERMIT APPROVED |
| 12-16-20 | ELEVATOR PERMIT APPROVED |
| 12-20-20 | ELEVATOR INSTALLATION NEAR COMPLETE
NOTIFIED BY CONTRACTOR THAT ELEVATOR
INSPECTOR REQUIRED CEILING TO BE
RAISED 4 INCHES |
| 12-28-20 | APPLICATION TO BUILDING OFFICIAL FOR
MODIFICATION UNDER IBC (A)104.10 |
| 1-21-21 | APPEAL TO BUILDING BOARD
MODIFY TO DELEAT THE 4" CLEARANCE
REQUIREMENT DUE TO PRACTICLE
CONSTRUCTION DIFFICULTIES |

FRANKLIN & ASSOCIATES

Consulting Engineers

December 28, 2020

225 East Fireweed Lane
Suite 202
Anchorage, Alaska 99503-2080
(907) 277-1631
(907) 277-2939 FAX

Mr. Robert Doehl
Development Services Department
Director and Building Official
Municipality of Anchorage
4700 Elmore Road
Anchorage, AK 99507

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Our Job No. 20-029

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It is my understanding that this requirement was new in ASME A17.1. 2010 Standard.

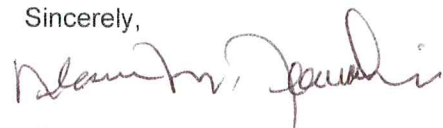
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This modification can be granted because:

- This modification meets the intent of the 2012 IBC.
- A conflict exists between the 2012 IBC and the current ASME Elevator Standards. The 2012 IBC should apply.
- Since this is an existing building, there are practical difficulties in meeting this 4-inch clearance requirement.
- This clearance requirement occurs in the area above the elevator cab lid. This area would be accessed by the trained elevator repair crew only. This area is not open to the public.
- Attempts to provide this 4-inch clearance will damage recently placed and required structural reinforcements.
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Thank you for your consideration.

Sincerely,



Nelson M. Franklin, PE

cc: Mr. Ross Noffsinger
Engineering Services Manager, MOA
Mr. Gary Hile
Chief of Inspections, MOA

AlaskaUSA[®]
Federal Credit Union

4/

Franklin & Associates
225 East Fireweed Lane, Suite 202
Anchorage, Alaska 99503

January 26, 2021

Dear Mr. Franklin:

As the Owner's representative, I am writing in support of your appeal to the MOA Building Board regarding the recent installation of the new Otis Hydrofit elevator located at 4220 B Street in Anchorage. We have confidence that the elevator is a safe installation based upon the January 12 email from Mike Liebing, manager of Otis Alaska, describing how the elevator safety stop limit devices work.

We agree with you that there would be "practical difficulties" if we were required to modify the existing roof structure, fire rated roof/ ceiling assembly, insulation/ vapor retarder assembly, roofing membrane and roof drainage pattern.

Thank you for your efforts on behalf of Alaska USA Federal Credit Union.

Sincerely,

E-SIGNED by Robert Thompson
on 2021-01-27 20:06:18 GMT

Bob Thompson
Senior Vice President
Corporate Properties and Supply

Nelson Franklin - Franklin & Associates

From: Liebing, Mike V <Mike.Liebing@otis.com>
Sent: Tuesday, January 12, 2021 1:34 PM
To: Nelson Franklin - Franklin & Associates
Cc: Wright, Joseph
Subject: Car top clearance and operation

Nelson

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Mike Liebing
Manager, Otis Alaska
(907) 227-2575

To: Dennis Swartz

MUNICIPALITY OF ANCHORAGE

6/

DEVELOPMENT SERVICES DEPARTMENT



(907) 343-8301
FAX: (907) 343-8200

December 31, 2020

Nelson M. Franklin
Franklin & Associates
225 E Fireweed Lane
Anchorage, AK 99503

Dear Mr. Franklin,

The Building Safety staff has reviewed this application. I accept their recommendation and reject the request for a modification, which would in effect be a waiver of code.

We do not see any conflict in the IBC with the elevator code requirement. (IBC 102.41)

The application has not substantiated how modifying the code requirement to 1 ¼ inches for this new install meets the intent of the elevator code of 4 inches of clearance above the hydraulic jacks. (IBC 104.10)

The elevator group have informed you the purpose of the 4-inch requirement is necessary to protect elevator personnel who are moving the elevator on top-of-car inspection operation, with the specific protection being that of eliminating a crush hazard to a person's arm that could come to rest atop the jack assembly as the elevator is being driven up on inspection operation. The ASME standards committee utilized ISO 15534-3 Anthropometric data for determining the 4-inch clearance as the minimum necessary clearance required to protect a worker's arm.

The application did not include a declaration from Otis that this installation meets code or is "safe".

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The code being stated is written with the fact that only trained crews enter the space not the general public so to state that as reason to grant the modification is not persuasive.

Sincerely,

Robert Doehl
Director & Building Official

7/

MUNICIPALITY OF ANCHORAGE
Appeals to the Three-Member Panel and the
Board of Building Regulation Examiners and Appeals

Date 1-18-21 Building Board Case No. BCA-01-21 Permit No. C20-1767
C20-2167

Appeal Emanating from Action of the Building Official

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I (we) NELSON M. FRANKLIN P.E. (907) 277-1631
Appellant Telephone Number

of 225 E. FIREWEED LANE, ANCHORAGE AK, 99503
Mailing Address City State Zip Code

request a determination be made by the Building Board on the case of:

a. _____ permit denial
(type)

b. APPLICATION FOR MODIFICATION - AK USA ELEVATOR INSTALL
(please state) (other)

Street Address of Project: 4220
4200 B ST. ANCHORAGE, AK.

Legal Description: INDUSTRIAL PARK 4000 LOT 6A

Between Cross Streets: W 40 TH. and W. TUDOR RD.

Status of Project: (check applicable boxes)

a. Construction has _____ has not _____ started.

_____ b. Construction was suspended more than six months ago.

_____ c. Construction is in progress but a stop-work order has been issued by the Municipality.

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(please state)

This appeal is based on the action of the Building Official or Fire Official, who claims that:
(check one or more)

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I (we) contend that such an interpretation is incorrect or incomplete as per

Section (A) 102.41 CONFLICTS of the 2012 IBC which supports the following belief:
(number & paragraph) (state which code)

State main reason(s), please be brief:

- A CONFLICT EXISTS BETWEEN THE 2012 IBC AND THE CURRENT ASME ELEVATOR STANDARD. THE 2012 IBC SHOULD APPLY.
- SINCE THE BUILDING IS EXISTING THERE IS A PRACTICAL DIFFICULTY IN MEETING THE CURRENT 4" CLEARANCE REQUIREMENT.
- PROVIDING THIS CLEARANCE WILL REQUIRE MODIFICATION OF THE ROOF STRUCTURE RESULTING IN REDUCTION OF THE EXISTING ROOF CAPACITY WITH RESPECT TO EARTHQUAKE LOADING.
- THE VERBAGE USED IN THE ASME A17.1 CURRENT STANDARD IS VERY CONFUSING, NOT CLEAR AND OPEN TO INTERPRETATION. THERE IS NO SHEARING HAZARD.
- THE ELEVATOR SUPPLIER AND INSTALLER HAS INDICATED THAT THE INSTALLATION IS SAFE.

Franklin

Signature of Appellant

FRANKLIN ASSOCIATES

(907) 277-1631

Telephone

(907) 277-2939

Fax

Address 225 E. FIREWHEEL LN. # 202
DULCHORAGE, AK. 99503

City State Zip Code

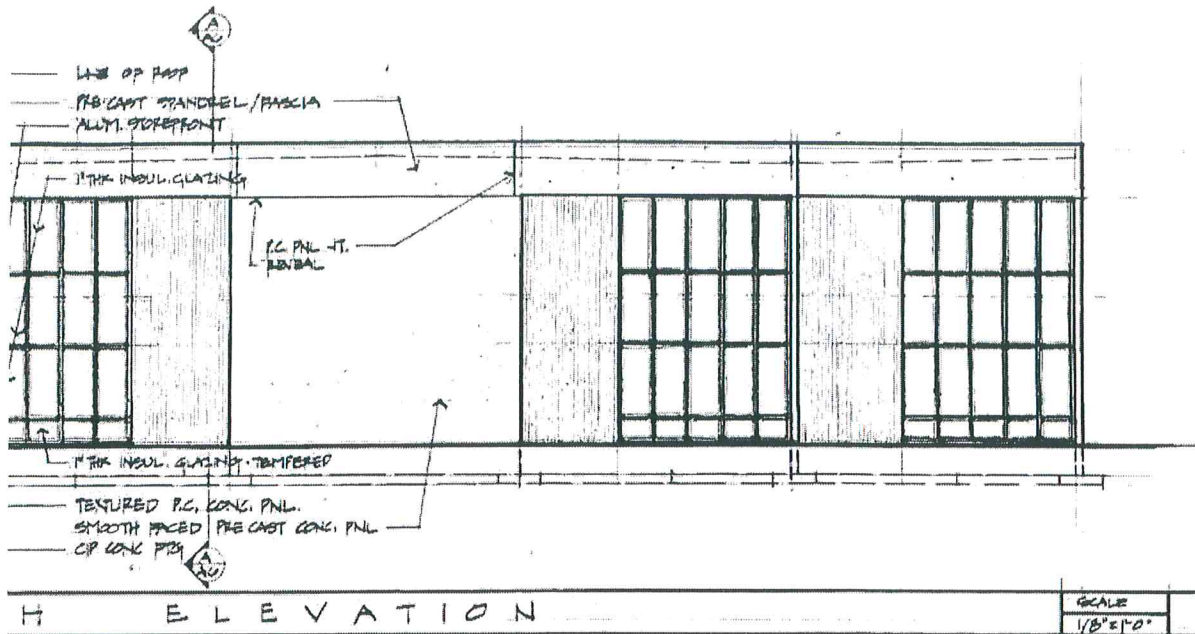
Subscribed and sworn to before me this 10th day of January, 2021.

State of Alaska
NOTARY PUBLIC
Laura M. Hogins
My Commission Expires Jun 15, 2023

Laura M. Hogins
Notary Public in and for Alaska
My Commission Expires: June 15, 2023

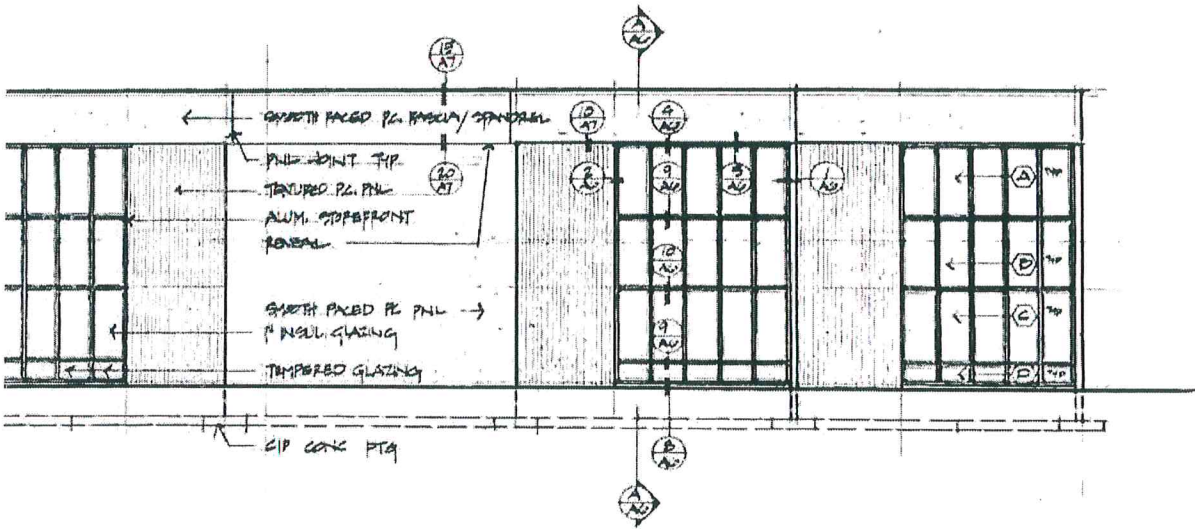


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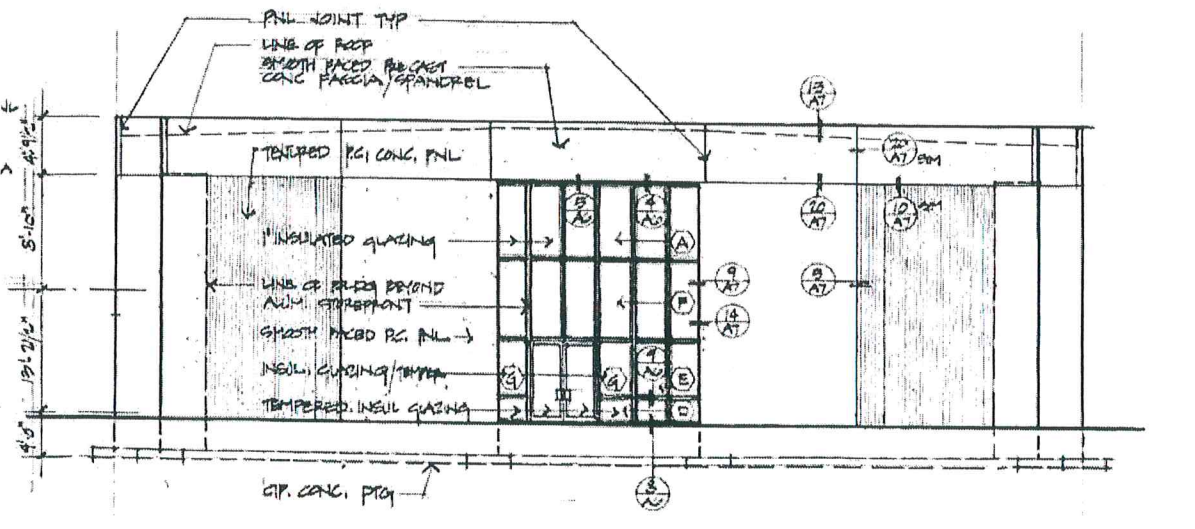
SOUTH ELEVATION

SCALE
1/8" = 1'-0"



EAST ELEVATION

SCALE
1/8" = 1'-0"



WEST ELEVATION

SCALE
1/8" = 1'-0"

ELEVATIONS ROOF PLAN

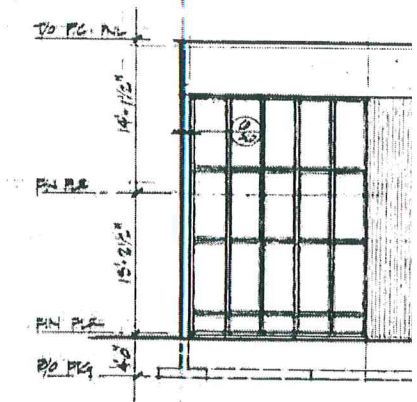
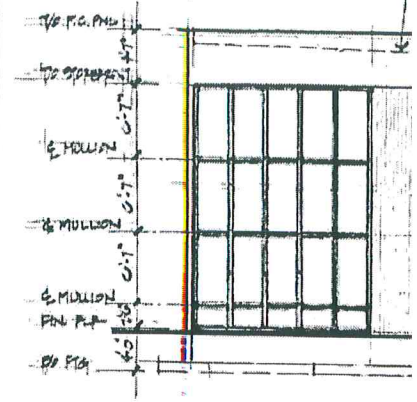
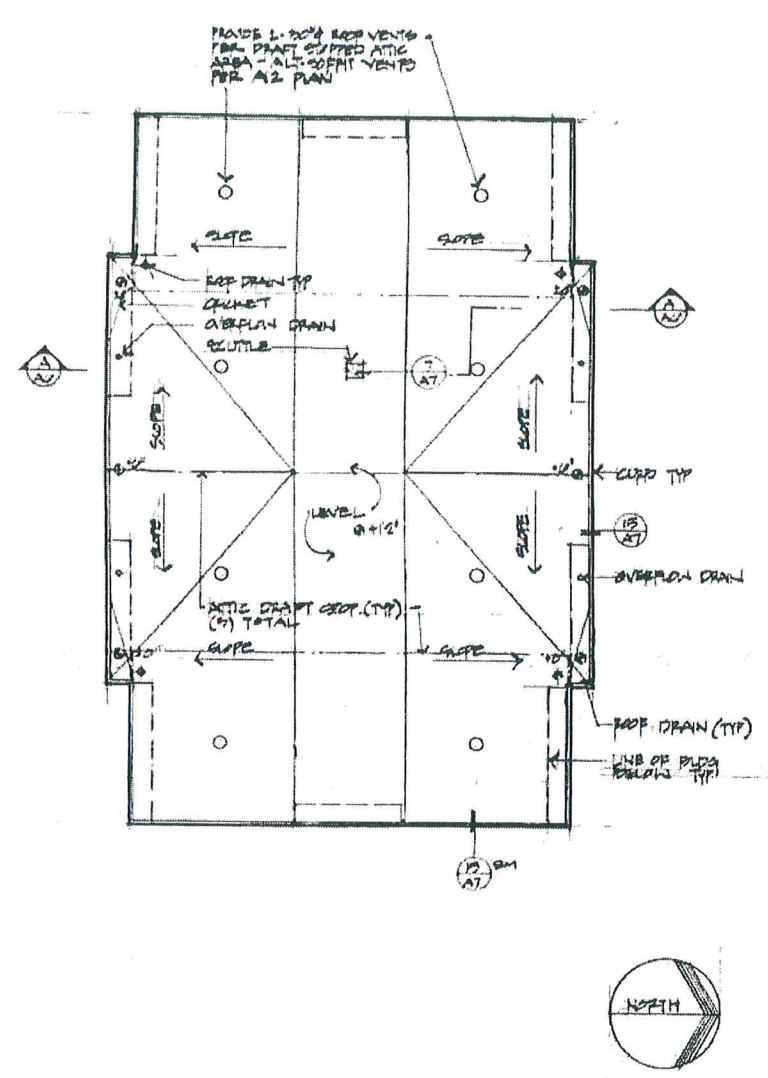
THE P&C BUILDING

200 D STREET
ANCHORAGE ALASKA
FOR PAATH CONSTRUCTION & ENGINEERING

JOB NO.	7840
DRAWN	8/24/78
BY	dlg
REVISED	11/15/78
	11/28/78

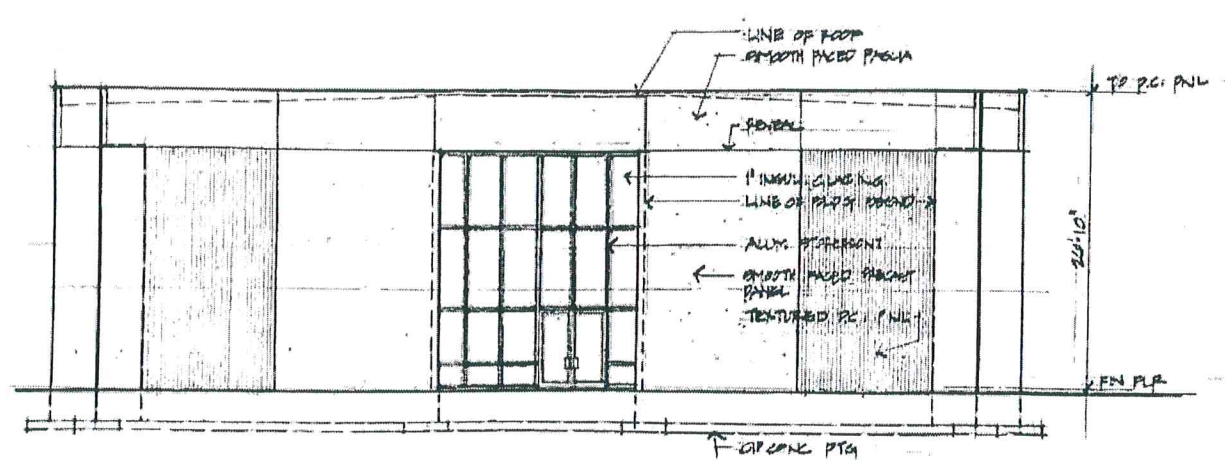
DESIGN PLUS
ARCHITECTURE • PLANNING • ETCETERA
4446 BUSINESS PARK BOULEVARD
ANCHORAGE, AK. 99503 274-1643





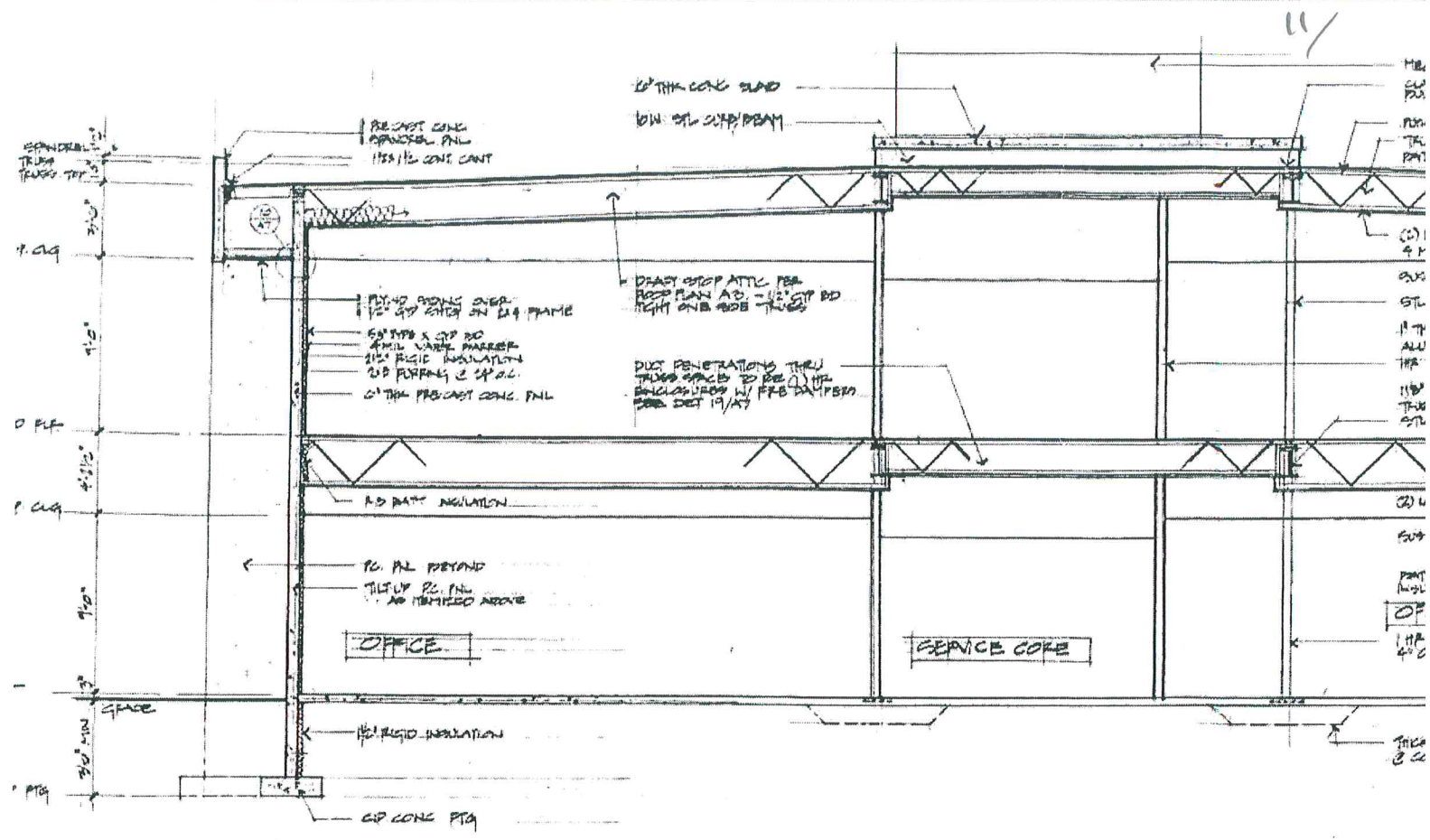
ROOF PLAN

SCALE
1/8" = 1'-0"

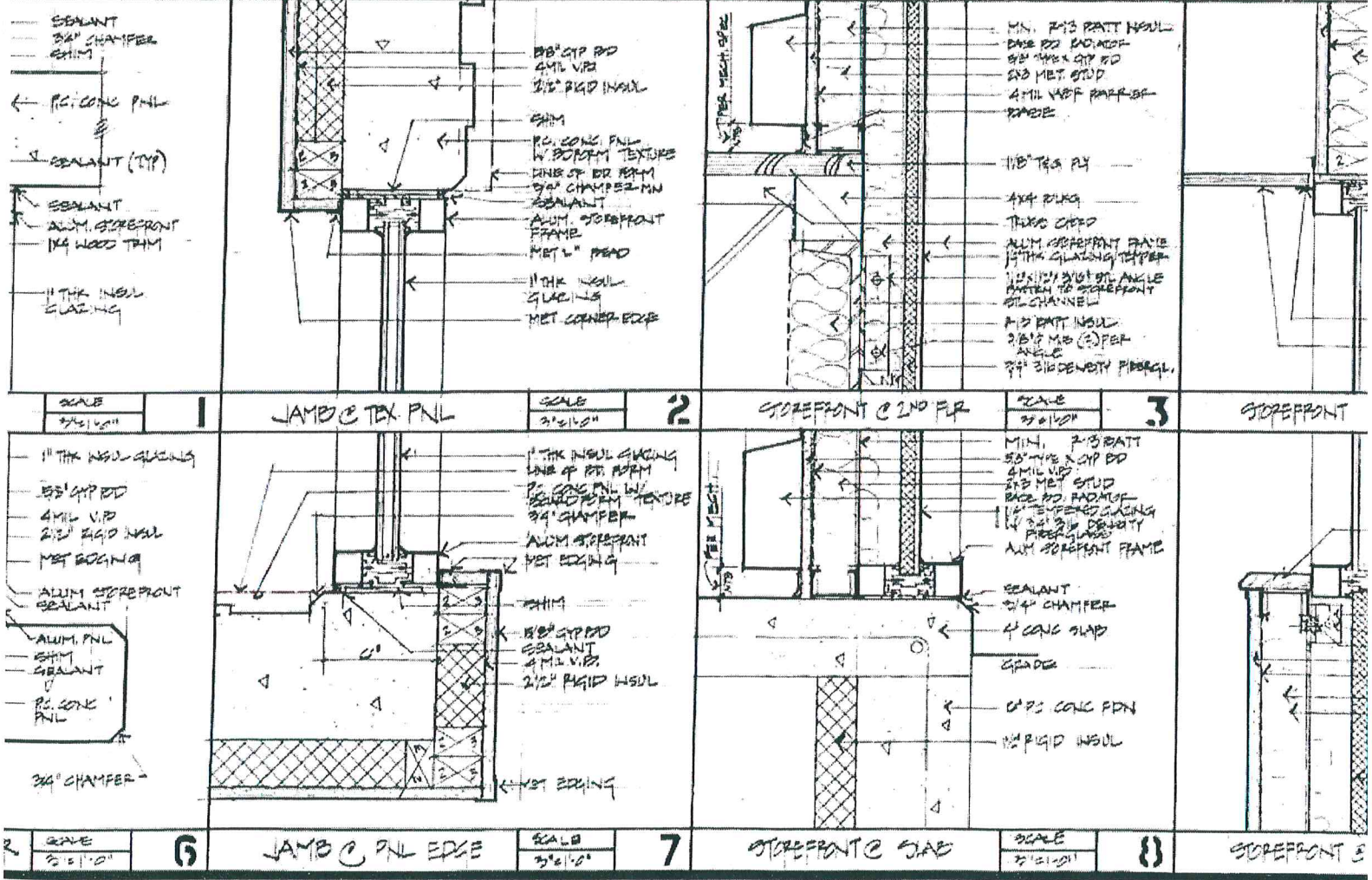


EAST ELEVATION

SCALE
1/8" = 1'-0"



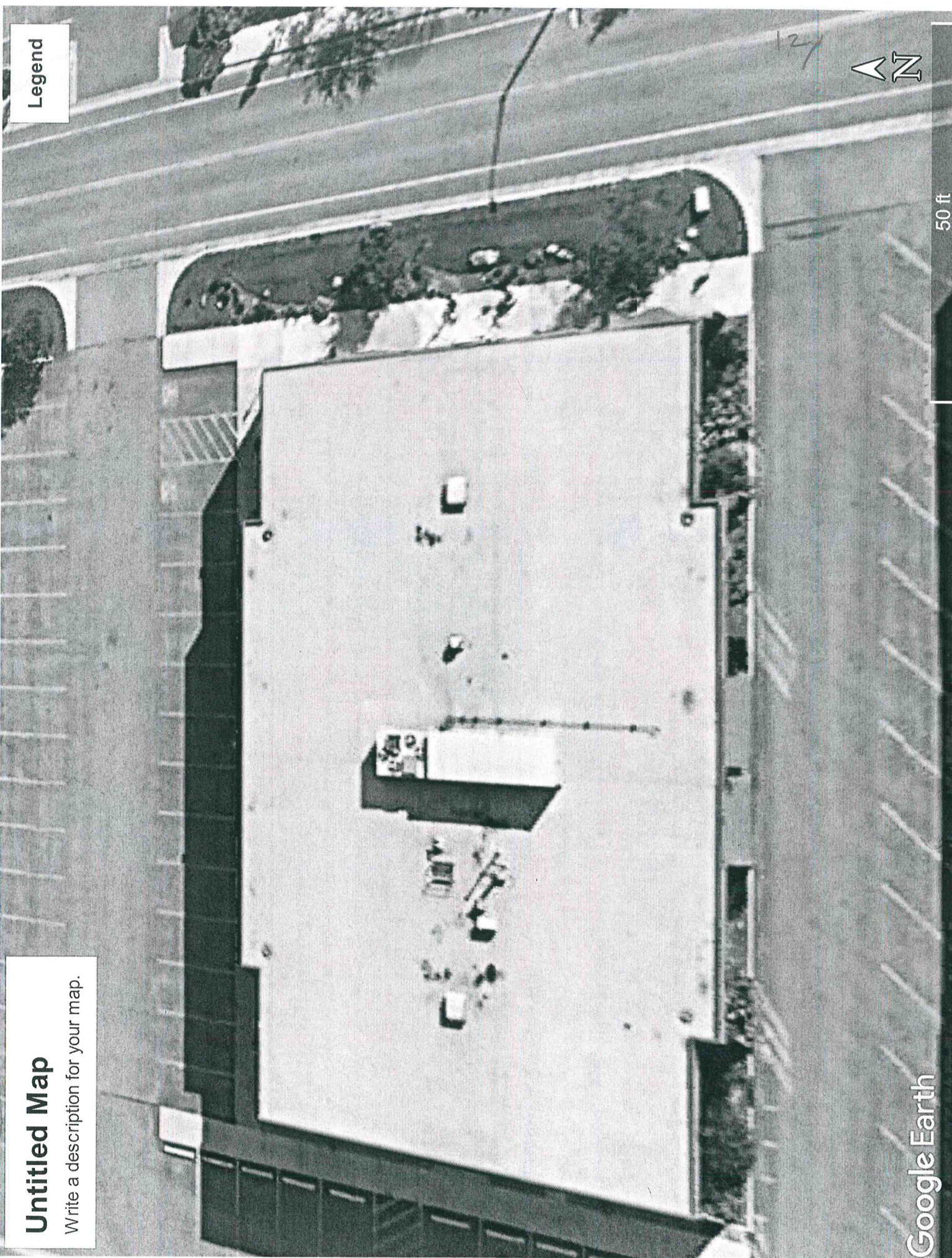
BUILDING SECTION



Untitled Map

Write a description for your map.

Legend



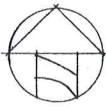
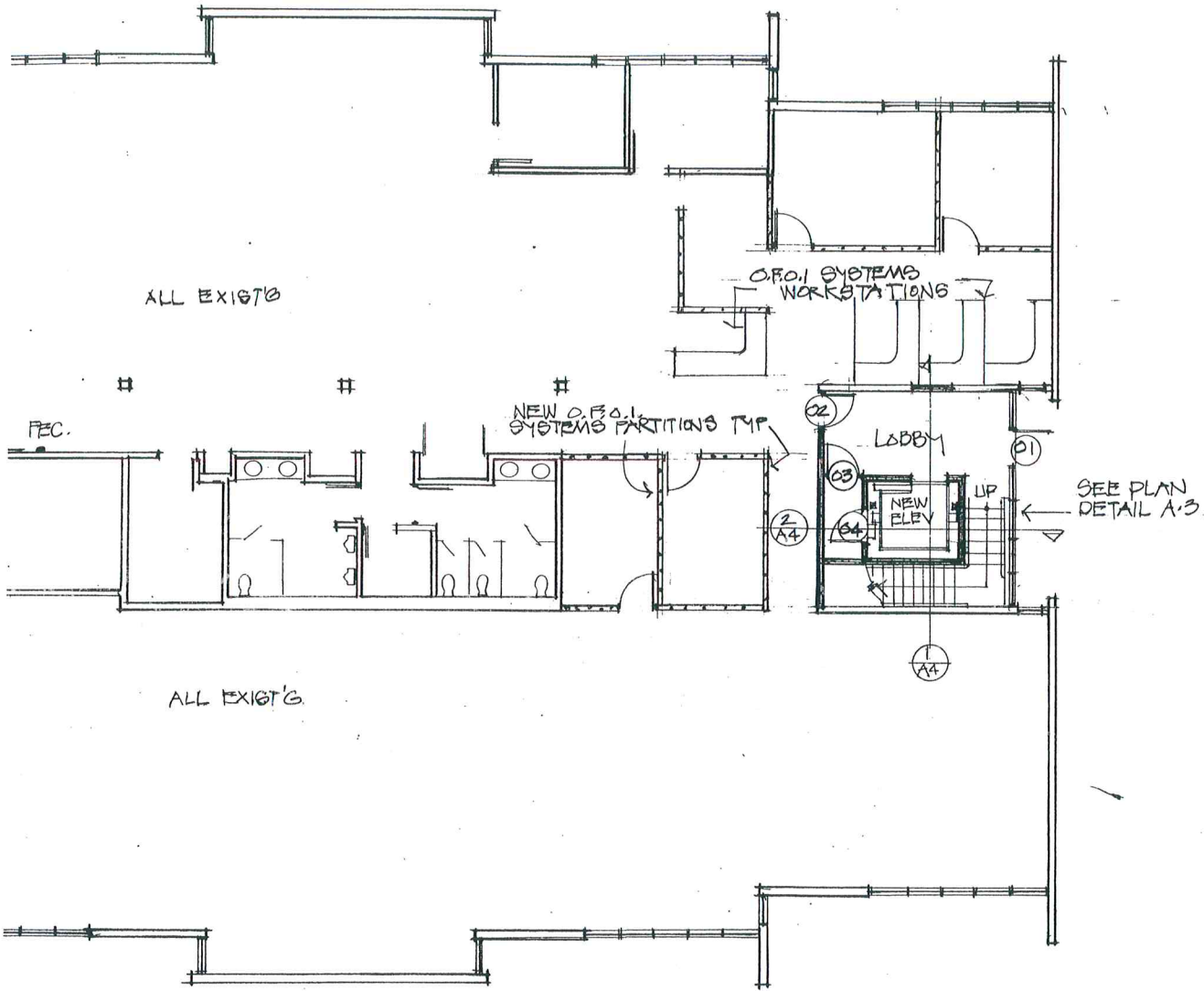




15/



16



...1ST FLOOR PLAN...

1/8" = 1'-0"

AlaskaUSA Federal Credit Union
B Street South Elevator Alterations

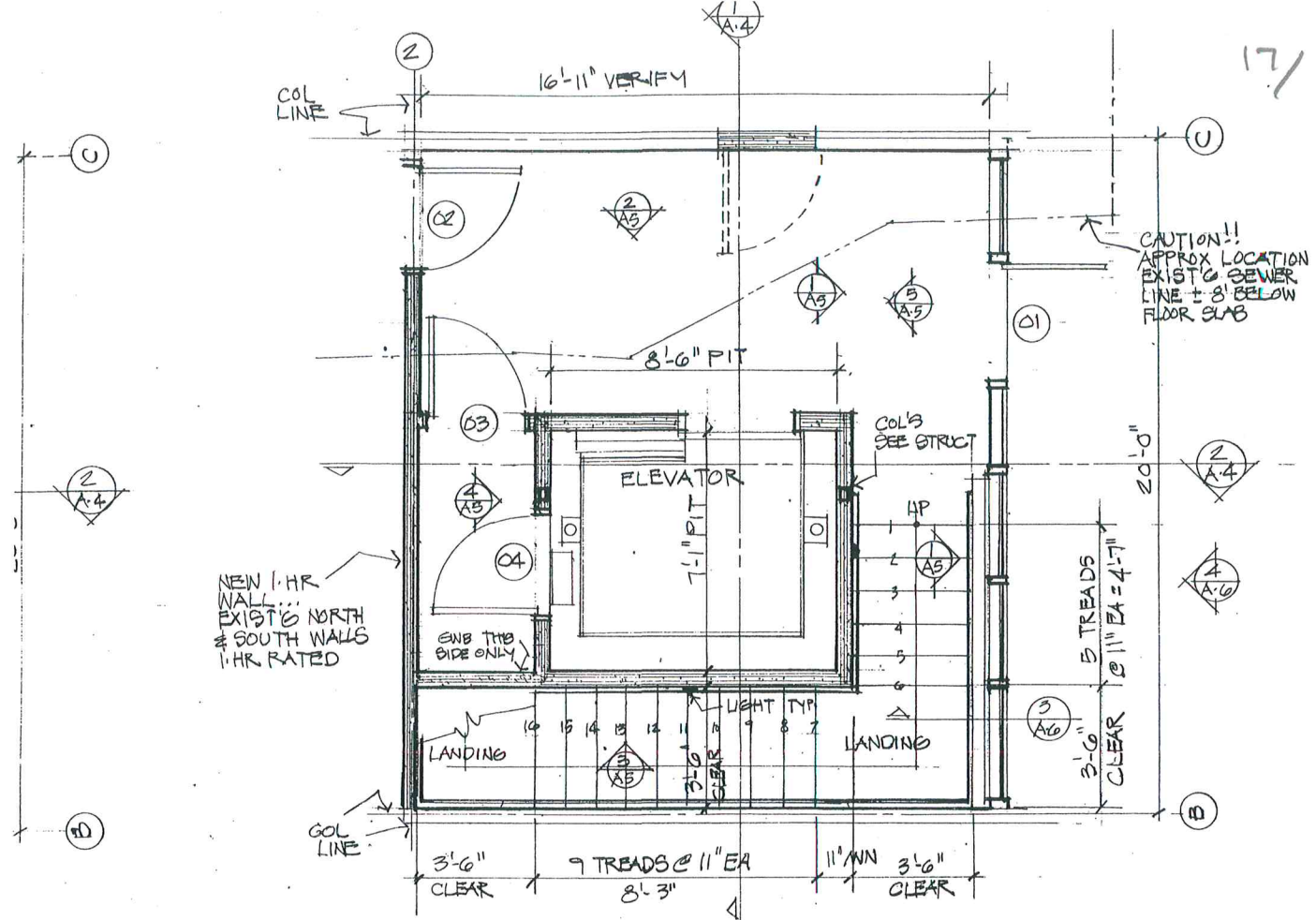
Gordon Thompson Architect

711 M STREET, SUITE 101 ANCHORAGE, ALASKA 99501 (907) 360-0795

DRAWN	GORDO
CHECKED	PAT
DATE	8.10.20
JOB NO.	0173
SHEET NO.	A.1
	OF: A.6

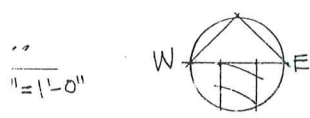


...BBG ELE



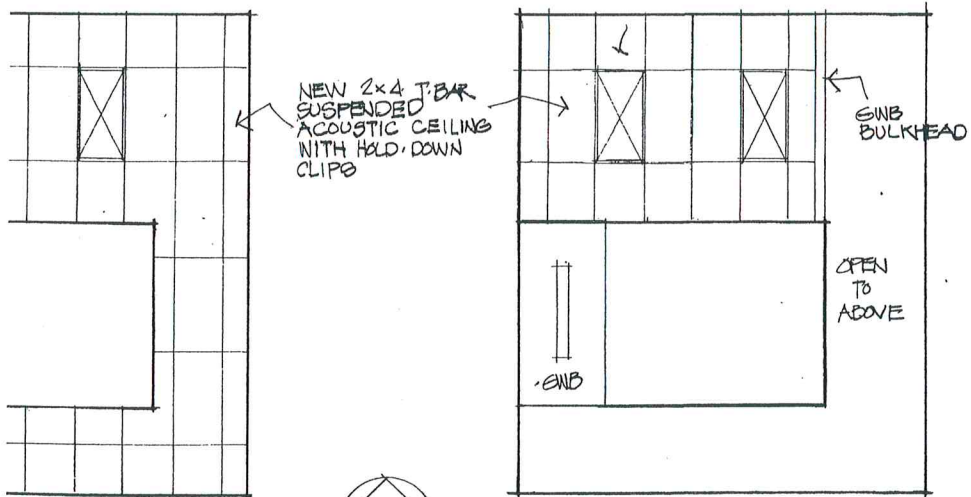
NEW 1-HR WALL...
EXIST'G NORTH & SOUTH WALLS
1-HR RATED

CAUTION!!
APPROX LOCATION
EXIST'G SEWER
LINE ± 8' BELOW
FLOOR SLAB



... 1ST FLOOR ELEVATOR PLAN ...

3/8" = 1'-0"



... 1ST FLOOR CEILING ...

1/4" = 1'-0"

... 1ST FLOOR CEILING ...

1/4" = 1'-0"



AlaskaUSA Federal Credit Union
B Street South Elevator Alterations

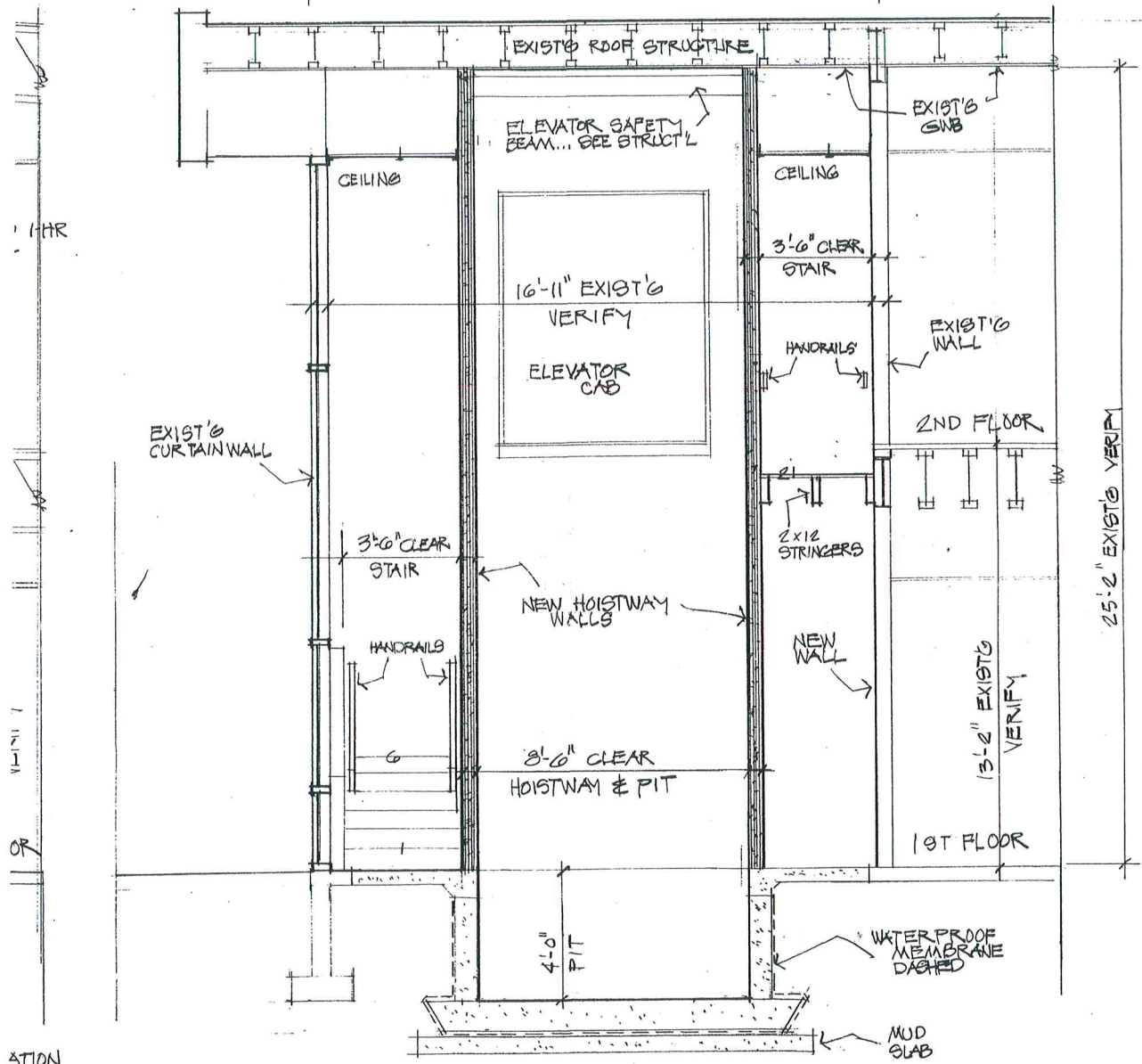
Gordon Thompson Architect

711 M STREET, SUITE 101 ANCHORAGE, ALASKA 99501 (907) 360-0795

DRAWN	CORDO
CHECKED	PAT
DATE	8, 10, 20
JOB NO.	0173
SHEET NO.	A3 OF A6

... BBS ELEV ...

18/



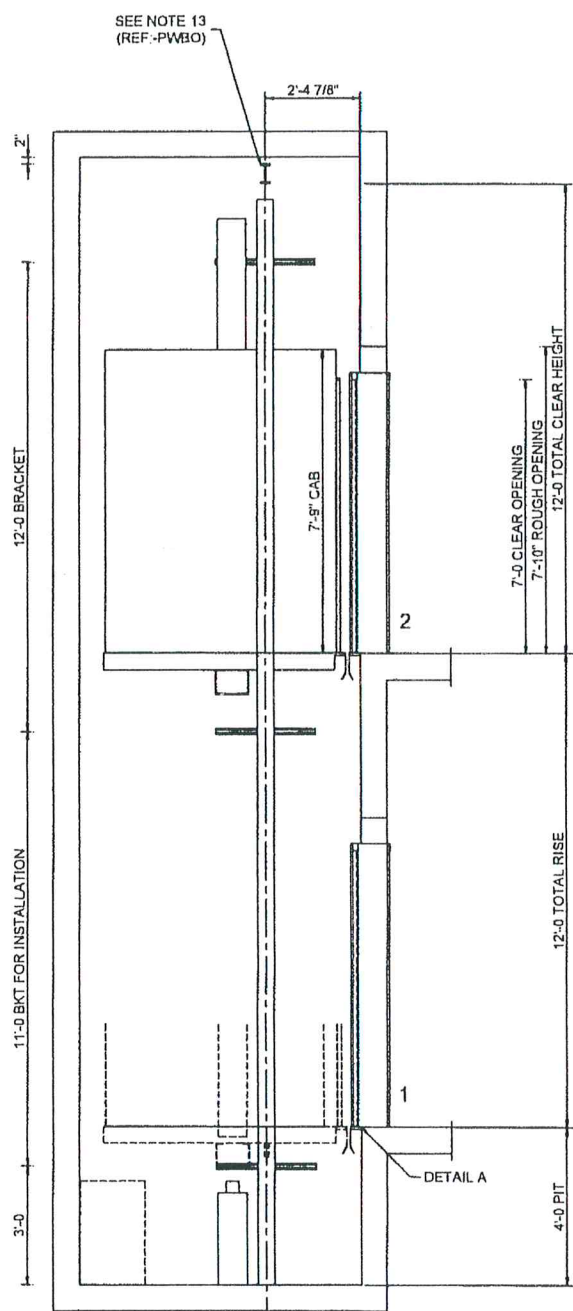
2
A.4 ... SECTION ... 3/8" = 1'-0"

AlaskaUSA Federal Credit Union
B Street South Elevator Alterations

Gordon Thompson Architect
711 M STREET, SUITE 101 ANCHORAGE, ALASKA 99501 (907) 360-0795

DRAWN	GD
CHECKED	PAT
DATE	8.10.20
JOB NO.	1073
SHEET NO.	A.4
OF:	A.6



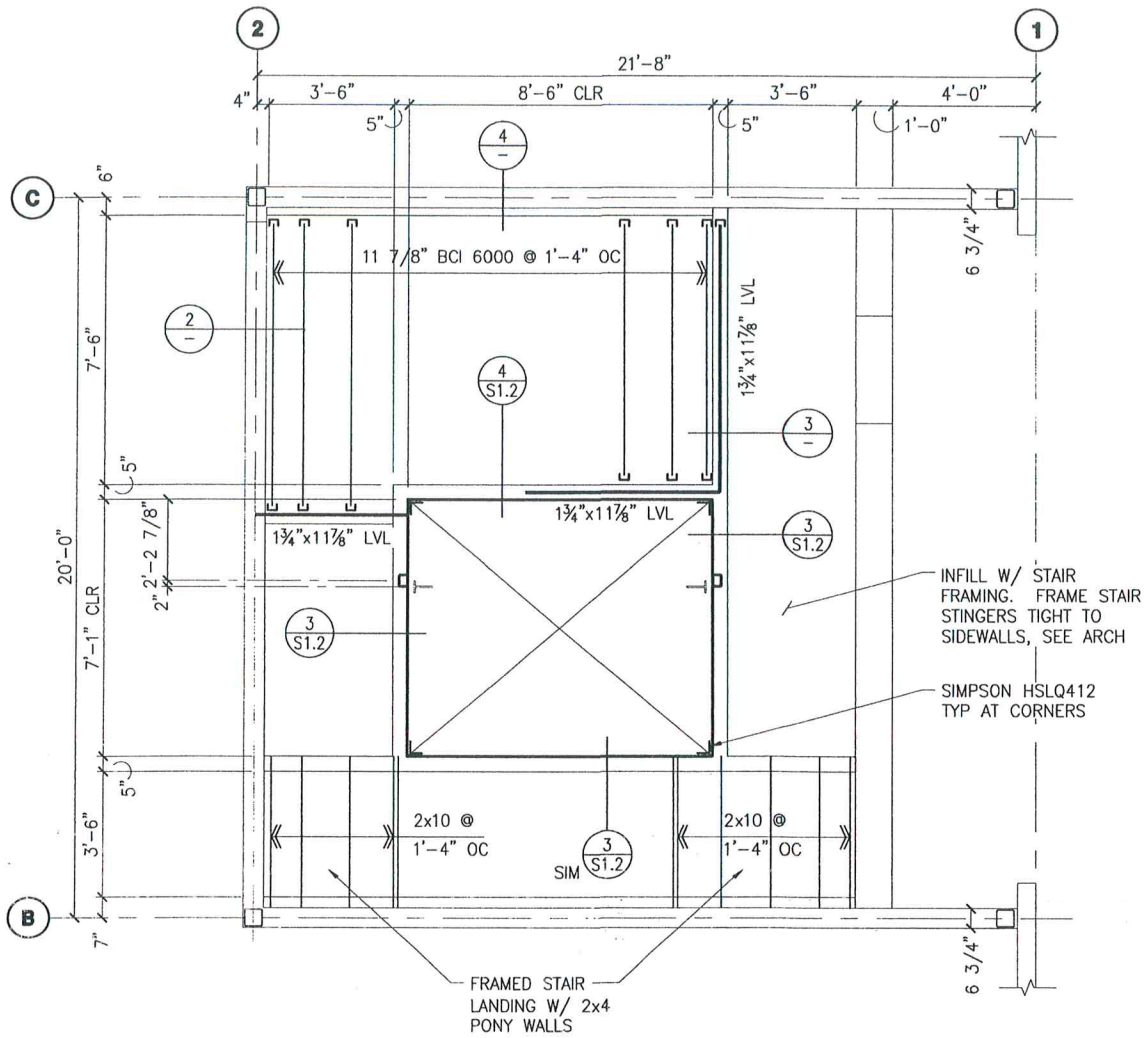


second floor (finished) to underside of roof deck is 12'-0.5"

13'-2.5" from first floor (finished) to second floor (finished)

SECTIONAL ELEVATION
FOR MAX. SPACING BETWEEN INSERTS SEE RAIL FORCE DETAIL

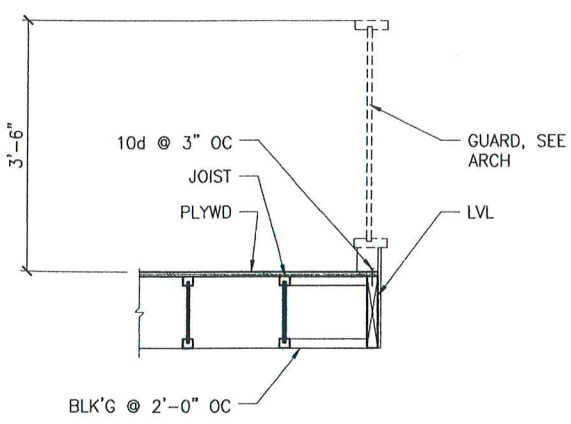
201



SECOND FLOOR FRAMING PLAN

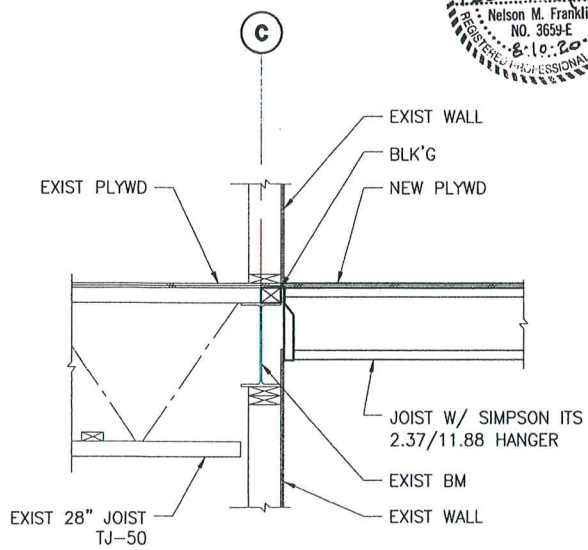
NOTE: CONTRACTOR TO VERIFY ALL DIMENSIONS
CLR - CLEAR HOISTWAY OPENING

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



3 DETAIL

SCALE: 3/4" = 1'-0"



4 DETAIL

SCALE: 3/4" = 1'-0"

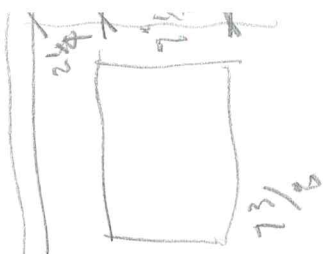
AlaskaUSA Federal Credit Union

B Street South Elevator

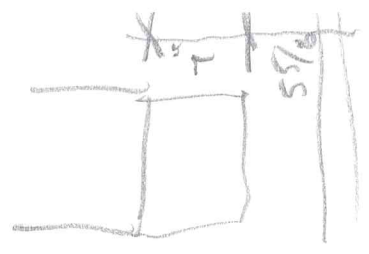
Gordon Thompson Architect

711 M STREET, SUITE 101 ANCHORAGE, ALASKA 99501 (907)279-2554

DRAWN	RLW
CHECKED	NF
DATE	8-10-20
JOB NO.	20-029
SHEET NO.	S1.1
OF: FOUR	



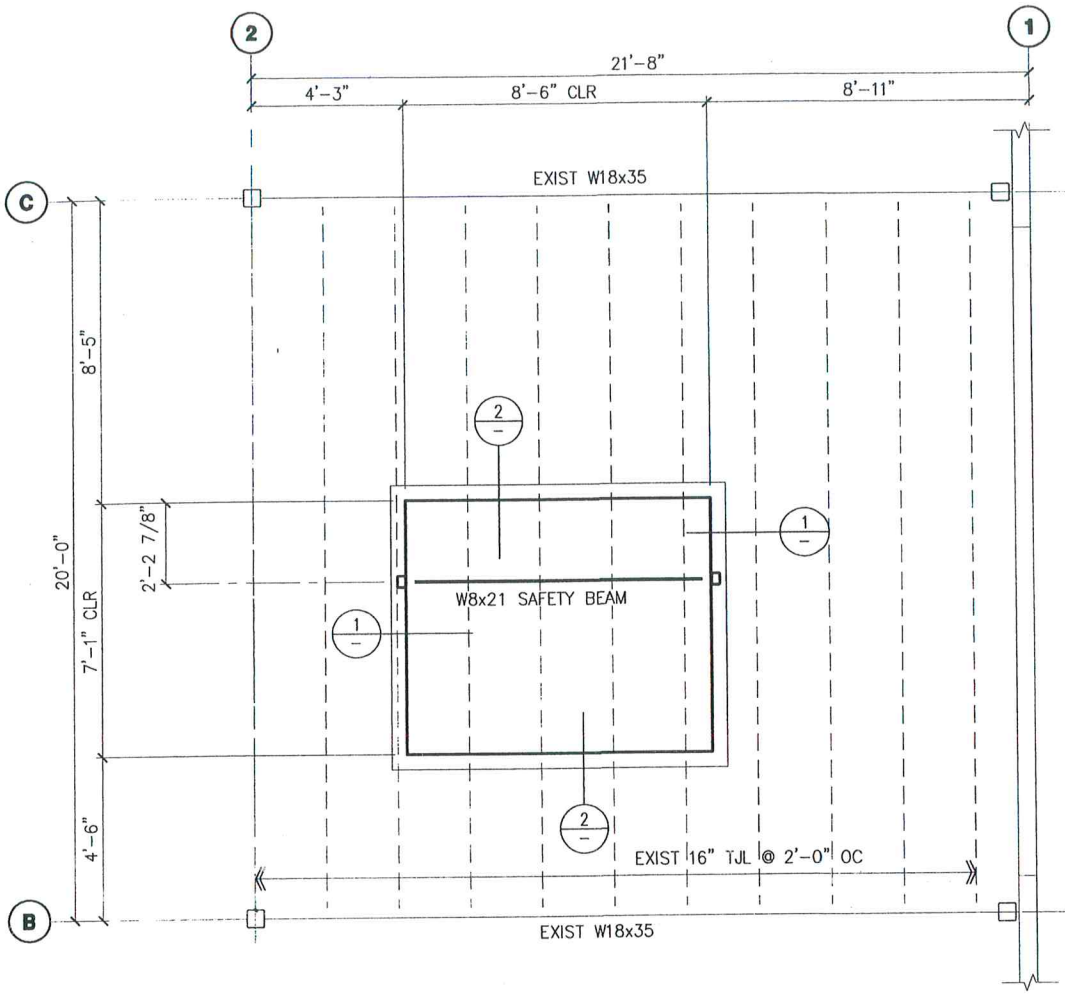
$8 \frac{1}{2}$ cur



$2 \frac{1}{2}$



221



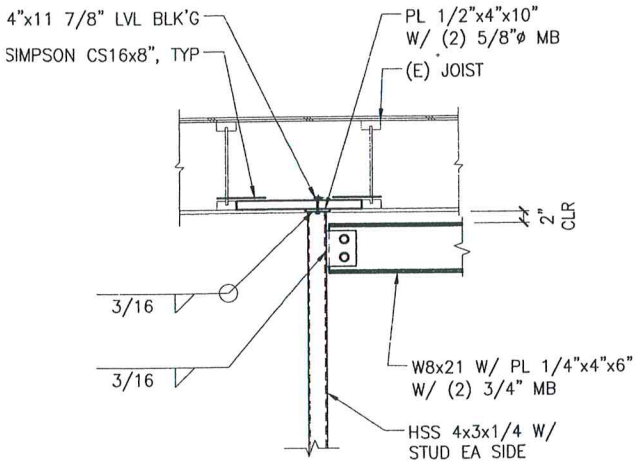
ROOF FRAMING PLAN

NOTE: CONTRACTOR TO VERIFY ALL DIMENSIONS DIMENSIONS SHOWN, OTHER THAN PIT DIMENSIONS ARE ALLOWABLE. COORDINATE WITH ARCHITECT AND ELEVATOR MANUFACTURER

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



CLR - CLEAR HOISTWAY OPENING



DETAIL

SCALE: 3/4" = 1'-0"

AlaskaUSA Federal Credit Union

B Street South Elevator

Gordon Thompson Architect

711 M STREET, SUITE 101 ANCHORAGE, ALASKA 99501 (907)279-2554



DRAWN
RLW

CHECKED
NF

DATE
8-10-20

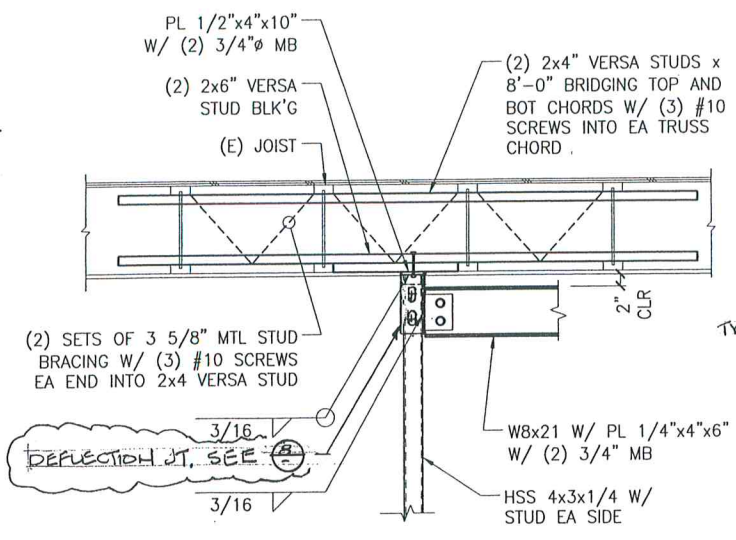
JOB NO.
20-029

SHEET NO.

S1.2

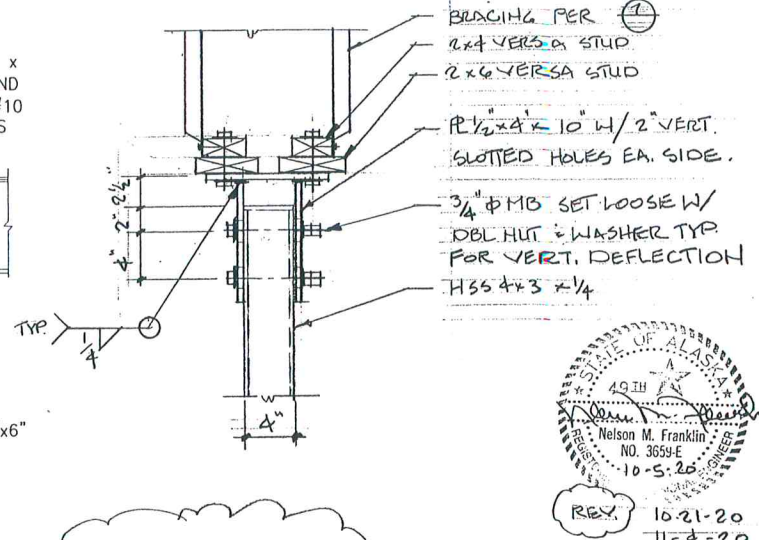
OF FOUR

23/



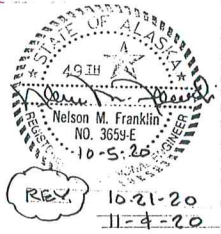
7 DETAIL

SCALE: 3/4" = 1'-0"



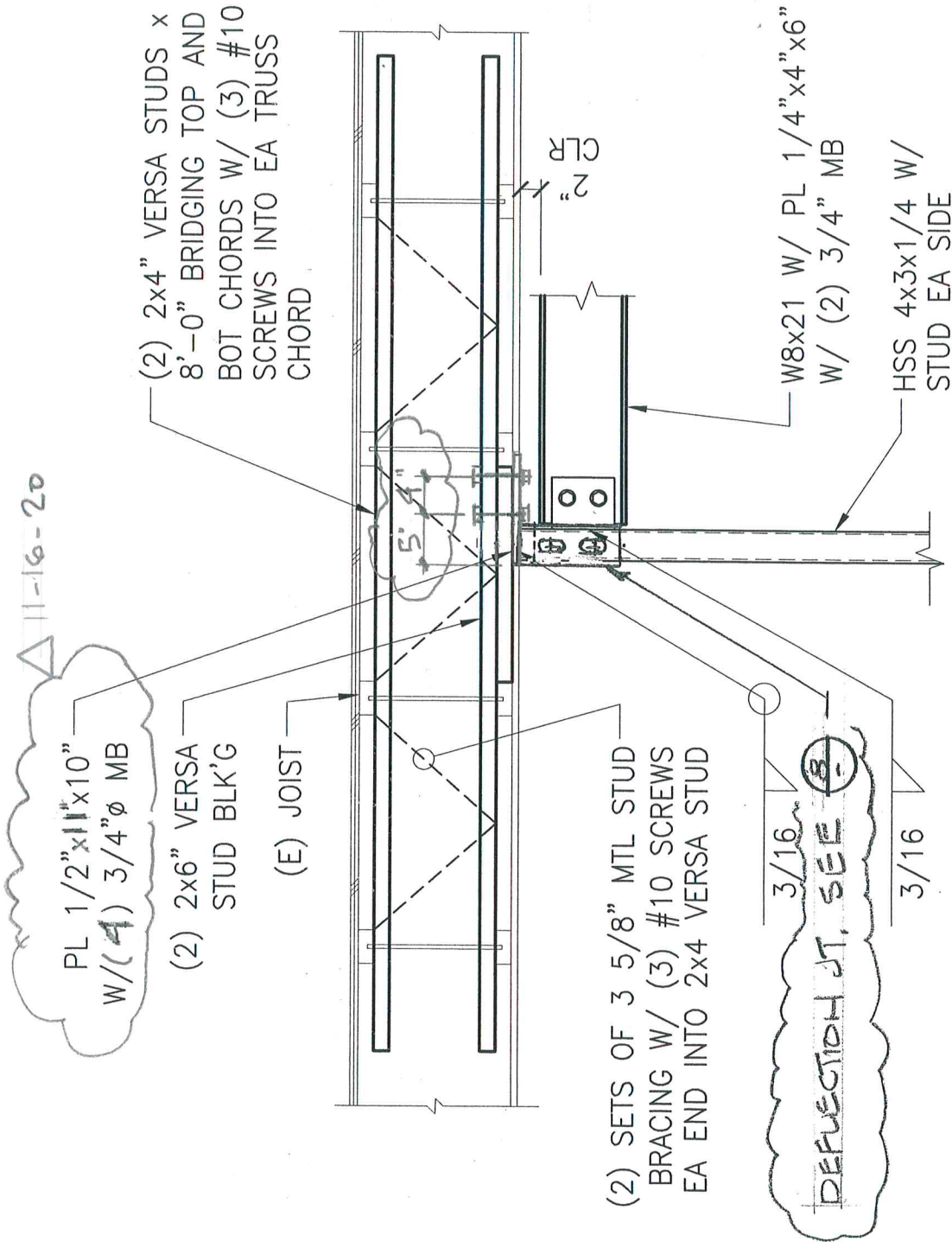
8 DETAIL

1/2" = 1'-0"



SUBJECT AK. USA. B ST. ELEVATOR.
FIELD REVISION

PREPARED BY	<u>M. FRANKLIN</u>
DATE	<u>11-16-20</u>
SHEET	<u>2</u> OF <u>2</u>
JOB NO.	<u>20-029</u>



(2) 2x4" VERSA STUDS x
 8'-0" BRIDGING TOP AND
 BOT CHORDS W/ (3) #10
 SCREWS INTO EA TRUSS
 CHORD

W8x21 W/ PL 1/4"x4"x6"
 W/ (2) 3/4" MB

HSS 4x3x1/4 W/
 STUD EA SIDE

PL 1 1/2"x11"x10"
 W/(4) 3/4"φ MB

(2) 2x6" VERSA
 STUD BLK'G

(E) JOIST

(2) SETS OF 3 5/8" MTL STUD
 BRACING W/ (3) #10 SCREWS
 EA END INTO 2x4 VERSA STUD

DEFLECTION JT. SEE

7 **DETAIL (REVISED)**

FOR WEST SIDE OF FLY, ONLY SCALE: 3/4" = 1'-0"



Permit number - C20-1767
Elevator Permit - C20-2167

12-22-20
Alaska USA South B Street Elevator

26/26

