

INFORMATION

SCOPE OF PROJECT - Exterior renovation, altering the west wall and part of the north and south walls. New roofing, exterior wall framing and new storefronts, of a reduced amount. Lighting to be modified for the new design.

ADDRESS - 7403 International Drive
Orlando, Fl. 32819

MUNICIPALITY - Orange County, Florida

PIN - 25 23 28 0000 00 069

PROPERTY NAME - Florida Gift Outlet

OWNER NAME - Matrix Worldwide, Inc.

ATTN : Tahir M. Ahmed - President
7576 Kingspointe Pkwy Ste 100
Orlando, Fl. 32819-8578
TMAAHMED@yahoo.com

LAND AREA - 36,000 sq ft + - , parent parcel , .83 Ac. + - , pin - 25 23 28 0000 00 068

5,967 sq ft + - , subject portion , .14 Ac.

BUILDING AREA - 4,746 sq ft + -

ZONING

ZONING - C-2

FAR - 3

Minimum lot area - 8,000 sq ft

Minimum lot width - 100' , on major streets , 80' on other.

Yards - minimum

Front - 25'

Side - 5'

Rear - 15'

BUILDING CODES

Florida Building Code , FBC - B , Building Code , 6 th Edition , 2017

Florida Building Code , FBC - E , Existing Buildings , 6 th Edition , 2017
- Alteration Level - 2

OCCUPANCY CLASSIFICATION - M - Mercantile Use - Retail

TYPE OF CONSTRUCTION - Type II - B
- Steel Bar Joists w/ Metal Pan Decking
- Concrete Block Masonry Exterior Walls
- Concrete Slab Floor

OCCUPANT LOAD CAPACITY - @ 60 sq ft per 4,746 sq ft = 80 persons
- @ .3" per person = 24" , 2 pairs of 36" existing

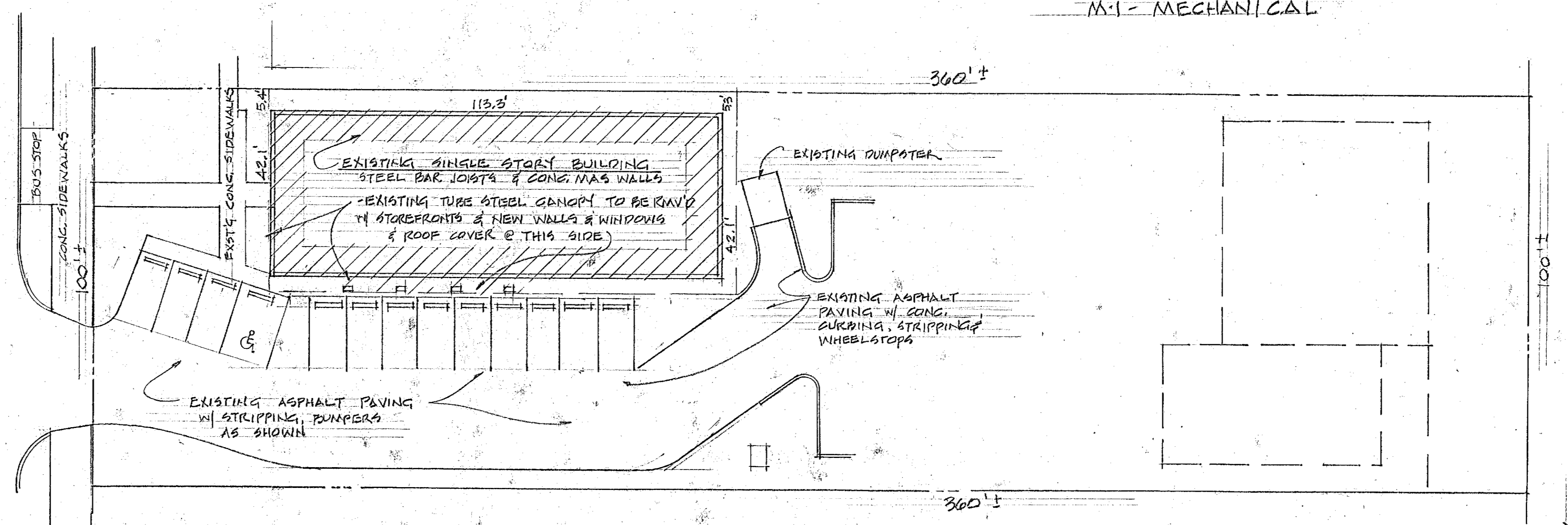
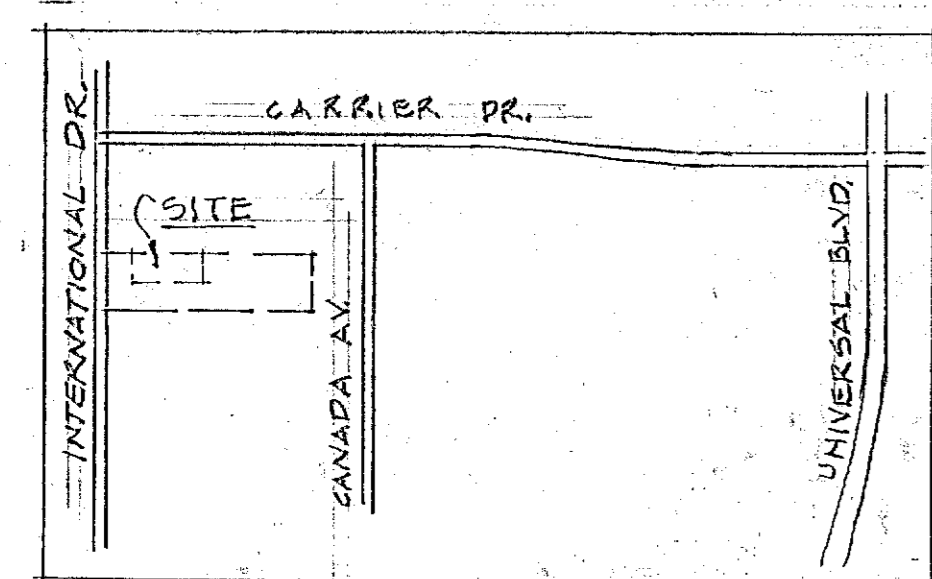
ARCHITECT - Wm. Thorning Little
P.O. Box 2803
Sarasota, Fl. 34230
wm.thorninglittle@gmail.com
941-928-6492

STRUCTURAL ENGINEER - McCall and Young Engineering
6849 Energy Court
Lakewood Ranch, Fl. 34240
James McCall, P.E.
James@mccallyoung.com
941-232-2964

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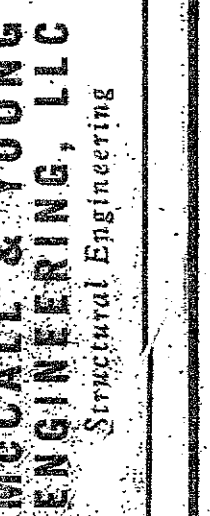
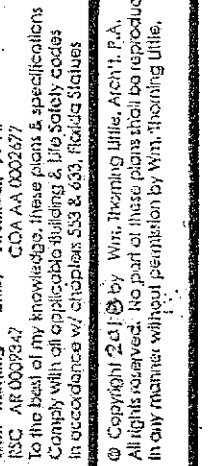
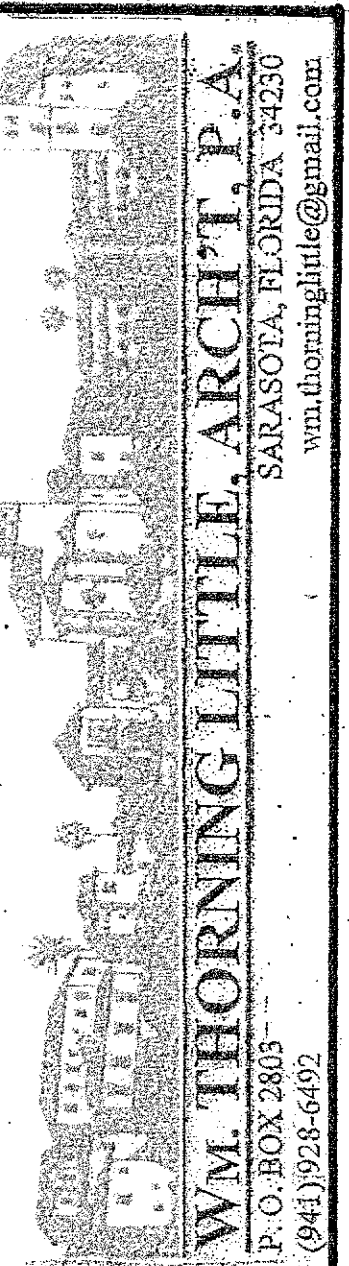
- 1 - SITE PLAN, VICINITY PLAN, INFORMATION
- 2 - FLOOR PLAN
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- 4 - EXISTING FLOOR PLAN, PROPOSED ROOF PLAN, BUILDING CROSS SECTION, EXISTING SECTIONS AT WEST AND SOUTH WALL
- 5 - BUILDING / WALL SECTIONS WITH STRUCTURAL CONNECTION DETAILS
- 6 - ROOF FRAMING PLAN, WALL FRAMING ELEVATIONS
- 7 - S-1 - STRUCTURAL NOTES
- 8 - ELECTRICAL

M: - MECHANICAL



S I T E P L A N

NOTE: ALL SITE INFO IS TAKEN FROM A SURVEY DATED [REDACTED], BY IRELAND & ASSOCIATES SURVEYING, INC. LAKE MARY, FL. 401-678-3366

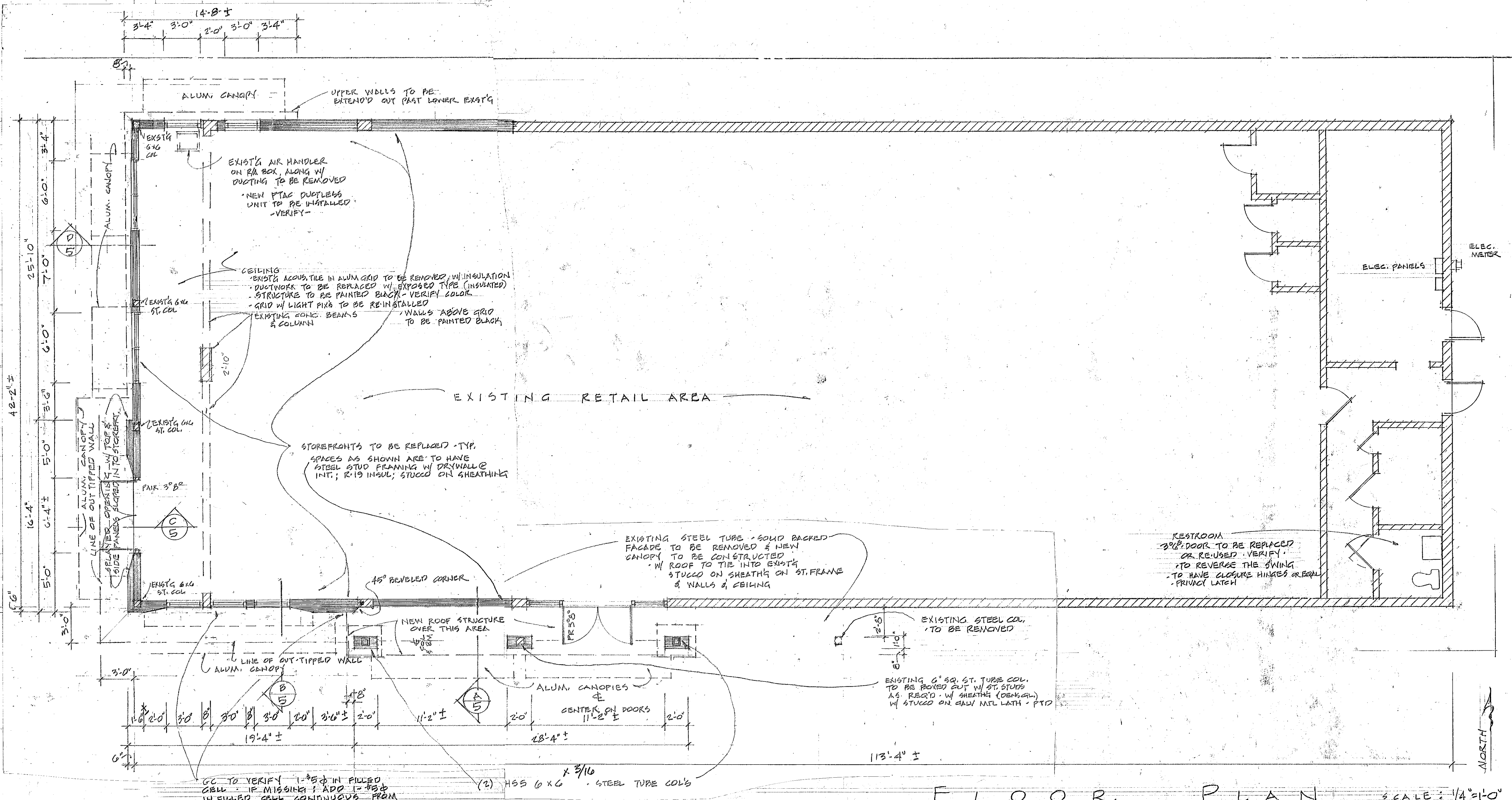


BUILDING RENOVATION
FLORIDA GIFT OUTLET
7403 INTERNATIONAL DR.
ORLANDO, FLORIDA 32819

DATE
4.9.18
6.4.18
7.6.18

REV'D
SHEET 8

SHEET
1 OF 8



42.1

42-2

25-10
7-0
6-0
3-6
5-0
6-4
5-0
3-0

14-8
3-4 3-0 2-0 3-0 3-4
ALUM. CANOPY
UPPER WALLS TO BE EXTEND'D OUT PAST LOWER EXIST'G

EXIST'G AIR HANDLER ON RA BOX, ALONG W/ DUCTING TO BE REMOVED
NEW PTAC DUCTLESS UNIT TO BE INSTALLED - VERIFY

CEILING
EXIST'G ACOUS. TILE IN ALUM GRID TO BE REMOVED, W/ INSULATION
DUCTWORK TO BE REPLACED W/ EXPOSED TYPE (INSULATED)
STRUCTURE TO BE PAINTED BLACK - VERIFY COLOR
GRID W/ LIGHT FIX'S TO BE REINSTALLED
EXISTING CONC. BEAMS & COLUMN
WALLS ABOVE GRID TO BE PAINTED BLACK

EXISTING RETAIL AREA

STOREFRONTS TO BE REPLACED - TYP.
SPACES AS SHOWN ARE TO HAVE STEEL STUD FRAMING W/ DRYWALL @ INT; R-19 INSUL; STUCCO ON SHEATHING

EXISTING STEEL TUBE - SOLD BACKED FACADE TO BE REMOVED & NEW CANOPY TO BE CONSTRUCTED
W/ ROOF TO TIE INTO EXIST'G STUCCO ON SHEATHG ON ST. FRAME & WALLS & CEILING

RESTROOM
3RD DOOR TO BE REPLACED OR REUSED - VERIFY
TO REVERSE THE SWING
TO HAVE CLOSURE HINGES & EQUAL PRIVACY LATCH

EXISTING STEEL COL. TO BE REMOVED

EXISTING 6" SQ. ST. TUBE COL. TO BE BOXED OUT W/ ST. STUDS AS REQ'D. W/ SHEATHG (OSB/GVL) W/ STUCCO ON GYPSI MTL LATH - PTD

NEW ROOF STRUCTURE OVER THIS AREA

ALUM. CANOPIES & CENTER ON DOORS

LINE OF OUT-TIPPED WALL ALUM. CANOPY

1-6 2-0 3-0 0 3-0 0 3-0 2-0 3-6 2-0 11-2
19-4
11-2
18-4

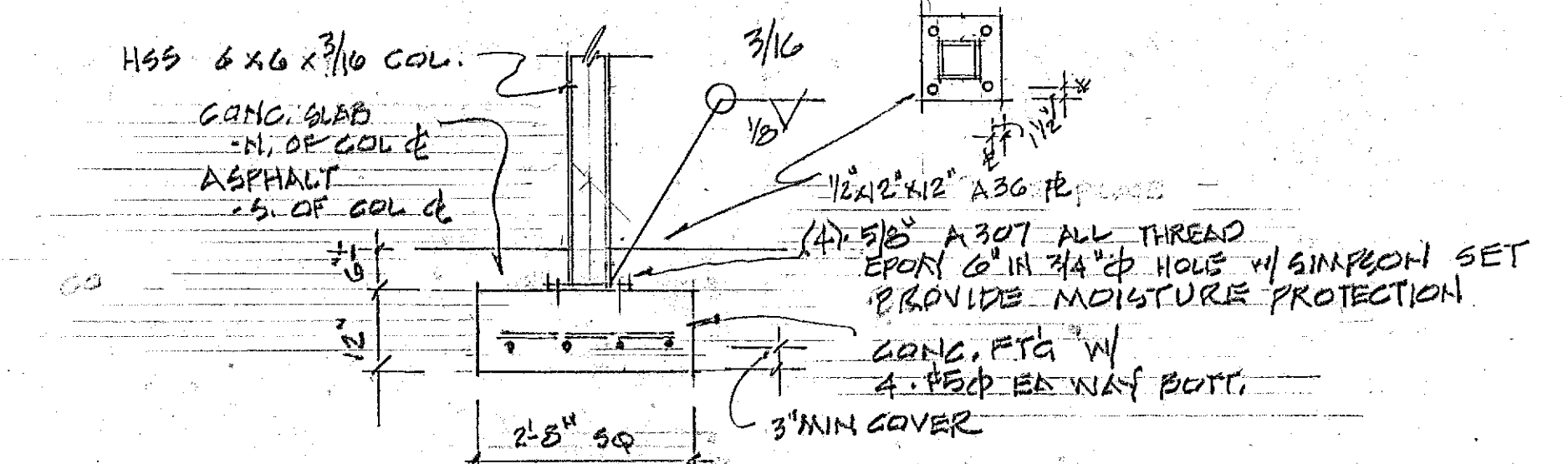
113-4

CC TO VERIFY 1-#5 @ 12" FILLER CELL IF MISSING; ADD 1-#5 @ 12" FILLER CELL CONTINUOUS FROM TOP OF SLAB TO TIE BEAM ENDED @ INTO TIE BEAM W/ SIMPSON SET EPXY

(2) HSS 6 x 6 x 3/16 STEEL TUBE COL'S

FLOOR PLAN SCALE: 1/4" = 1'-0"

1 2 3 4 5 6
1 2 3 4 5 6
1 2 3 4 5 6
1 2 3 4 5 6



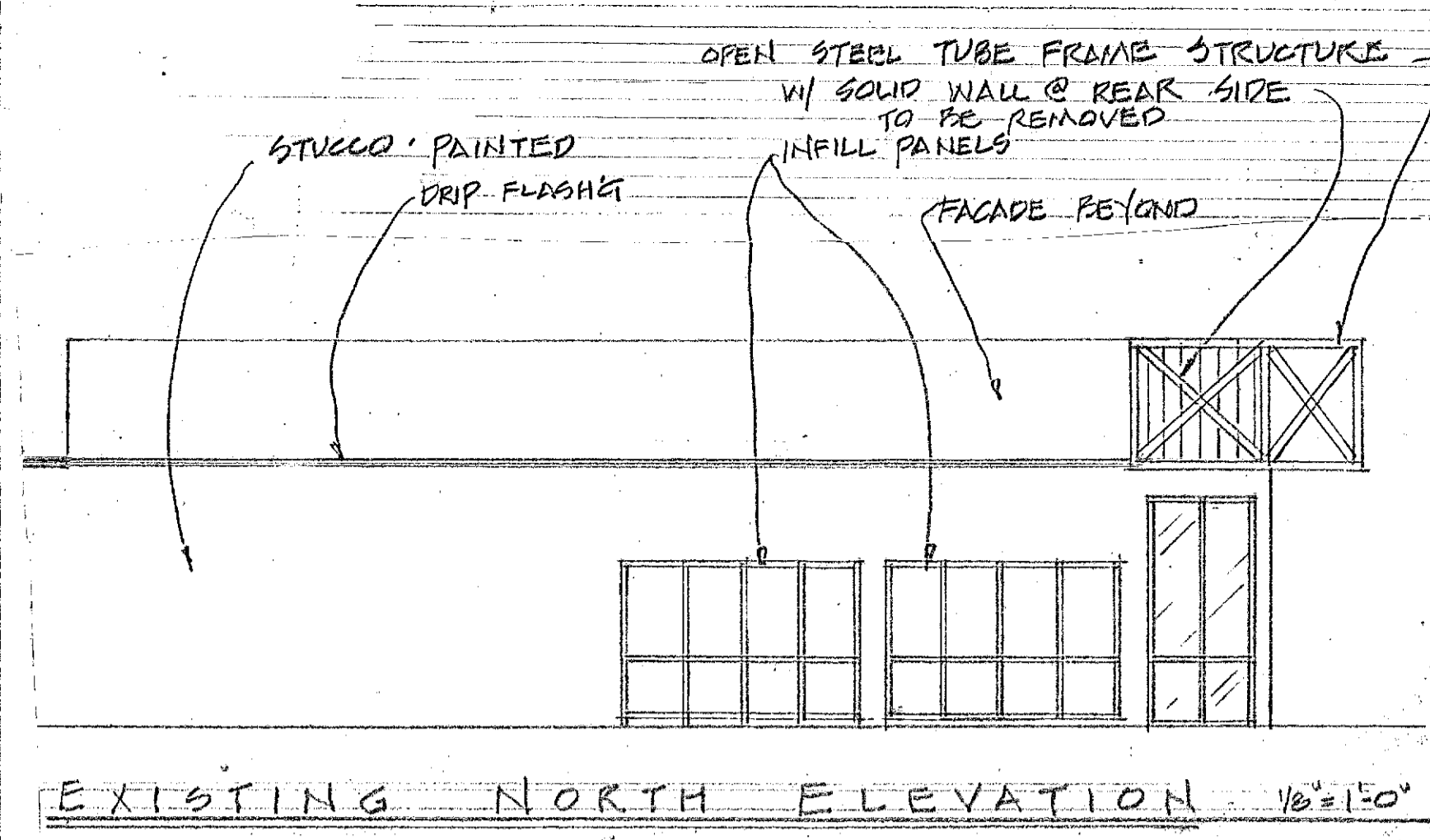
FOOTING DETAIL 1/2" = 1'-0"

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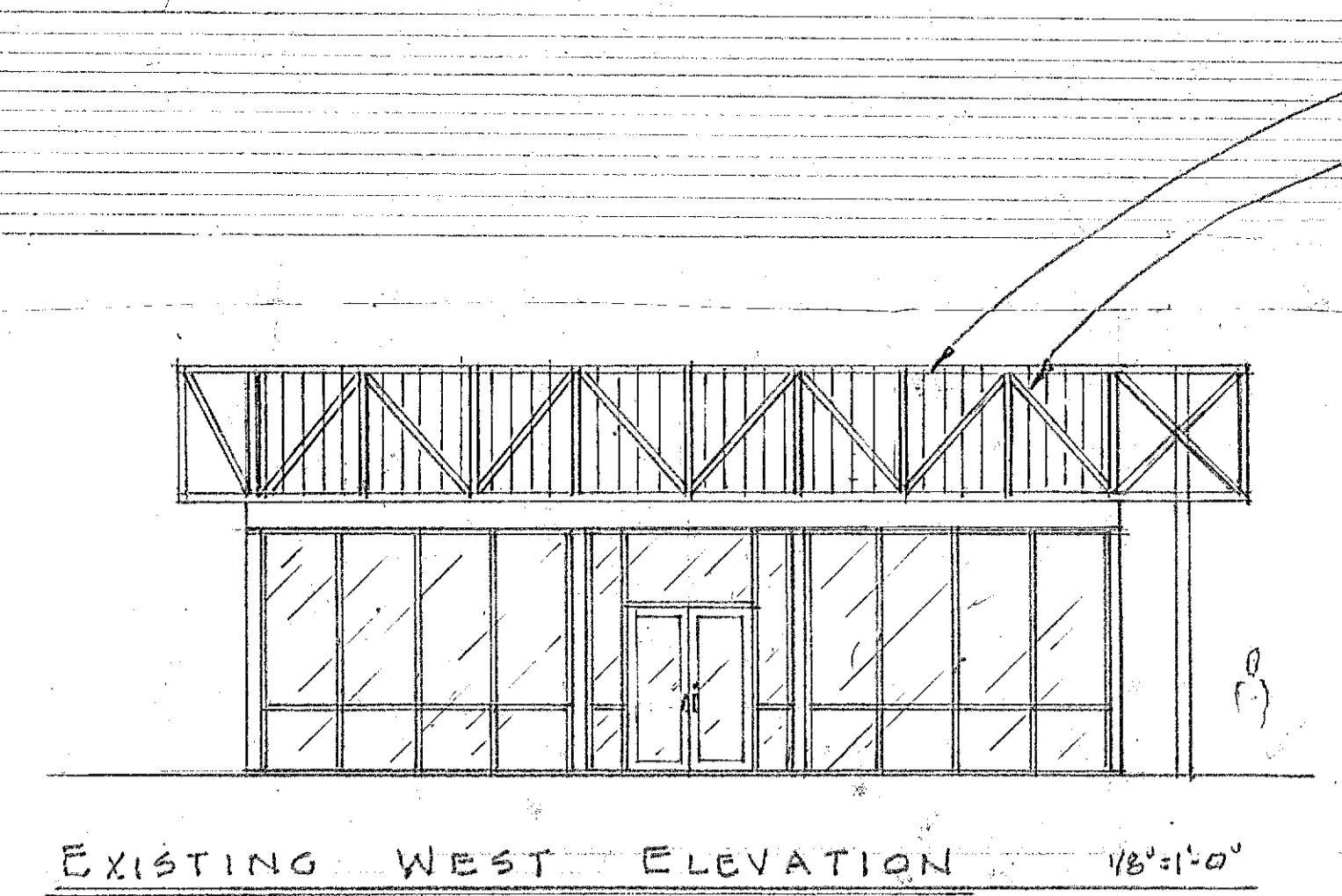
**MCCALL & YOUNG
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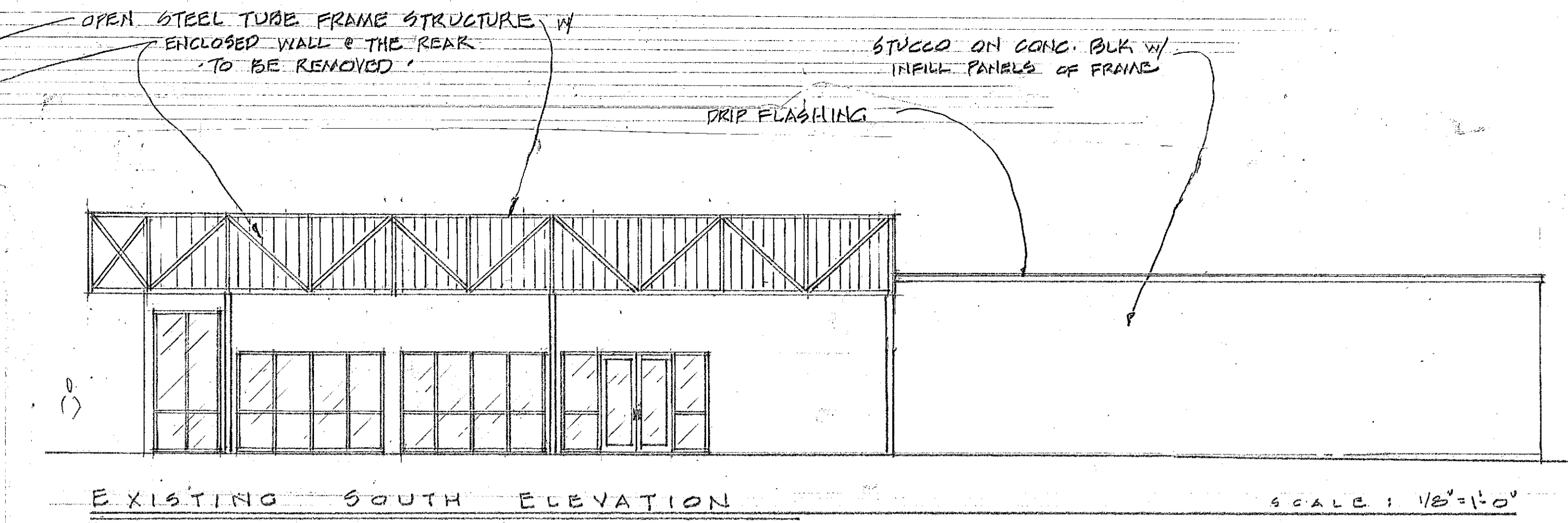
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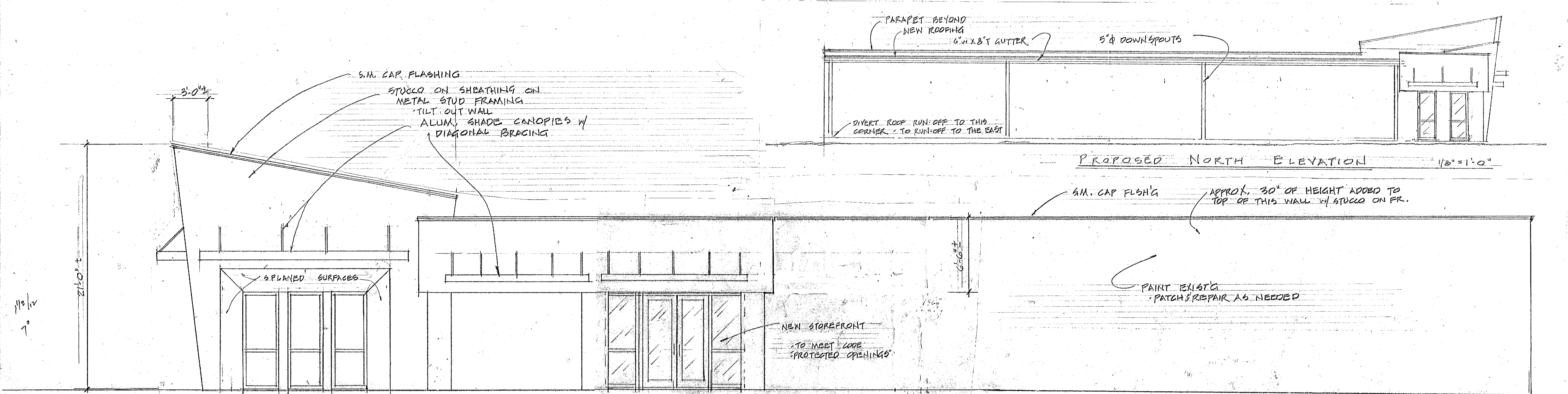
EXISTING NORTH ELEVATION 1/8"=1'-0"



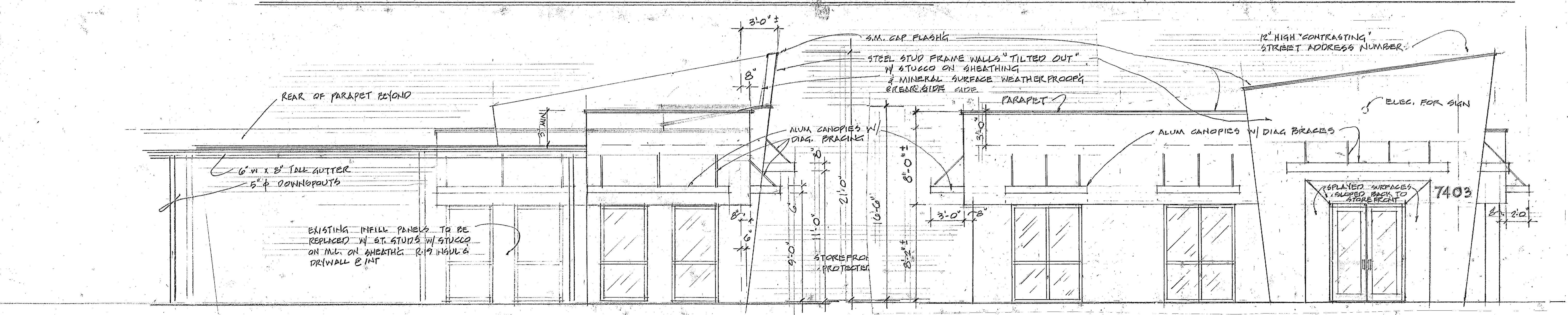
EXISTING WEST ELEVATION 1/8"=1'-0"



EXISTING SOUTH ELEVATION SCALE: 1/8"=1'-0"



PROPOSED SOUTH ELEVATION SCALE: 1/4"=1'-0"



PROPOSED NORTH ELEVATION PROPOSED WEST ELEVATION SCALE: 1/4"=1'-0"

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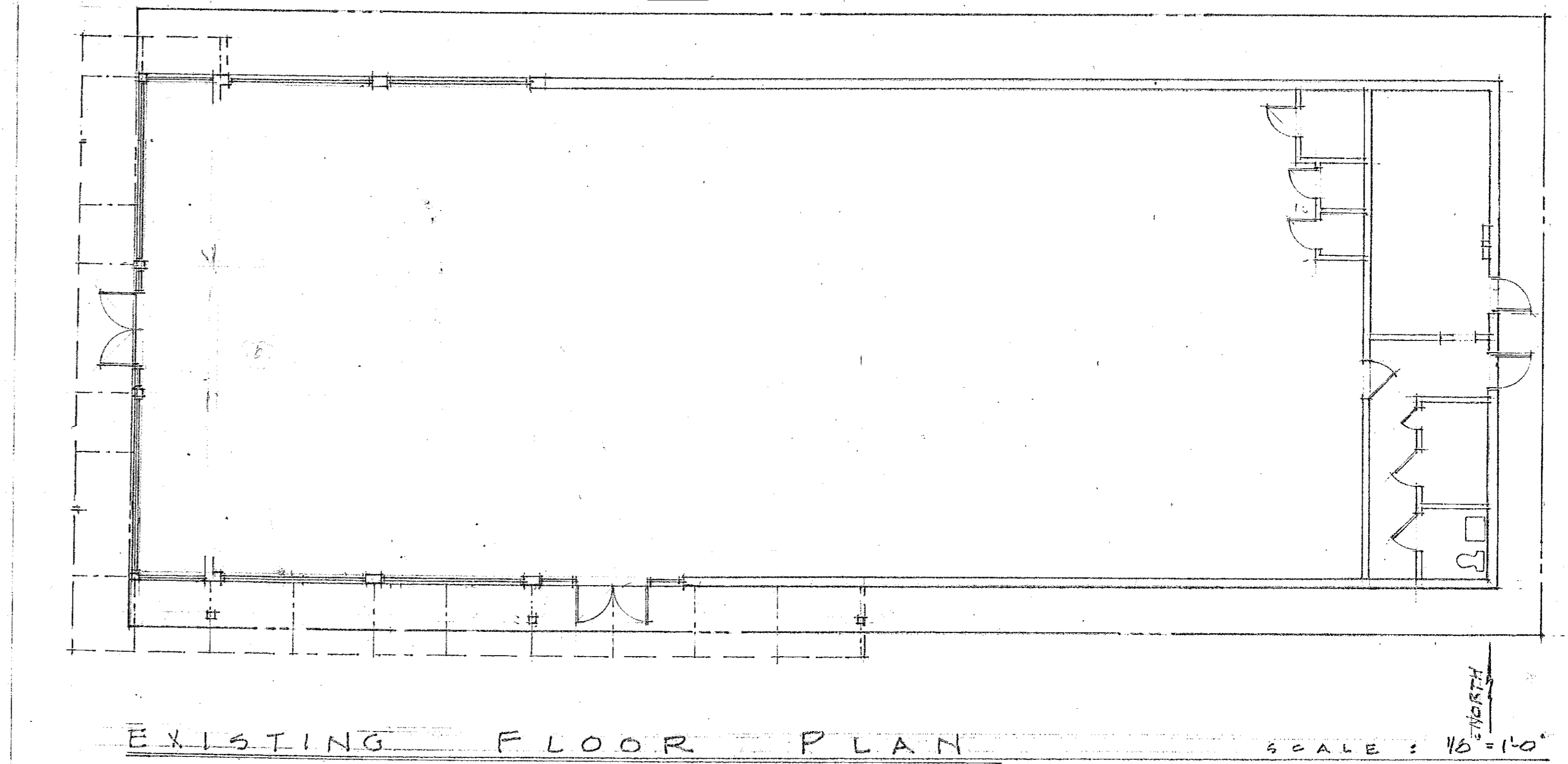
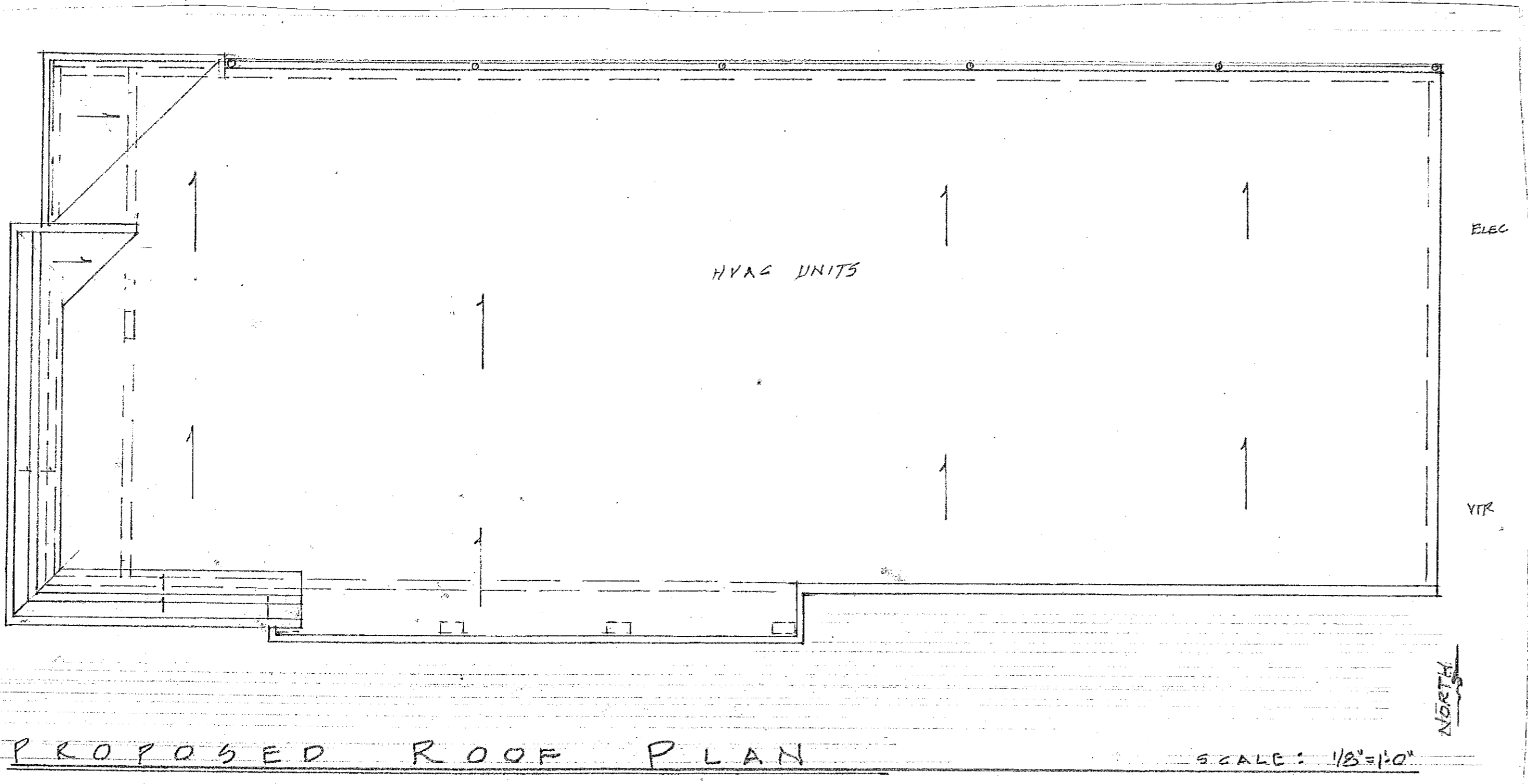
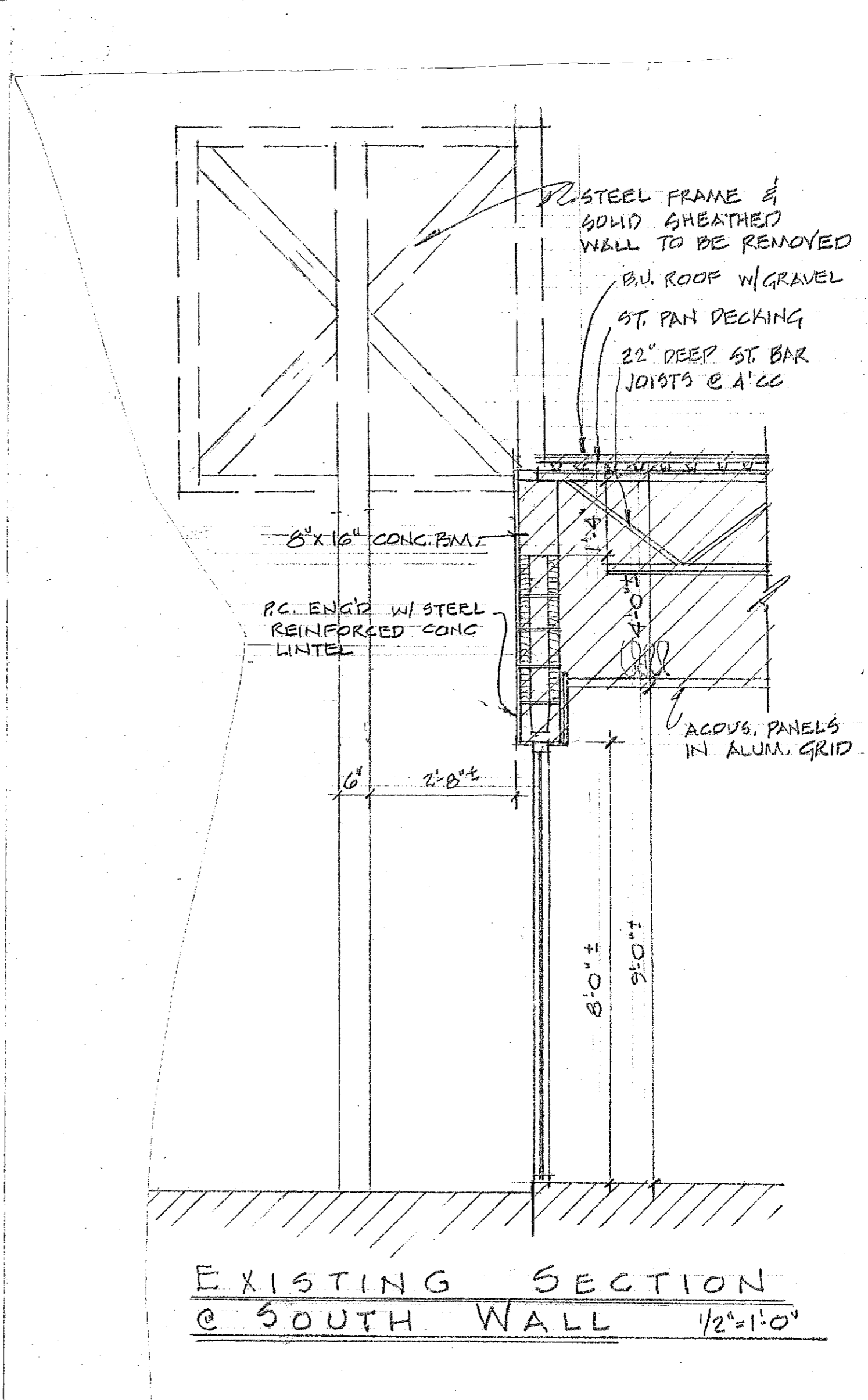
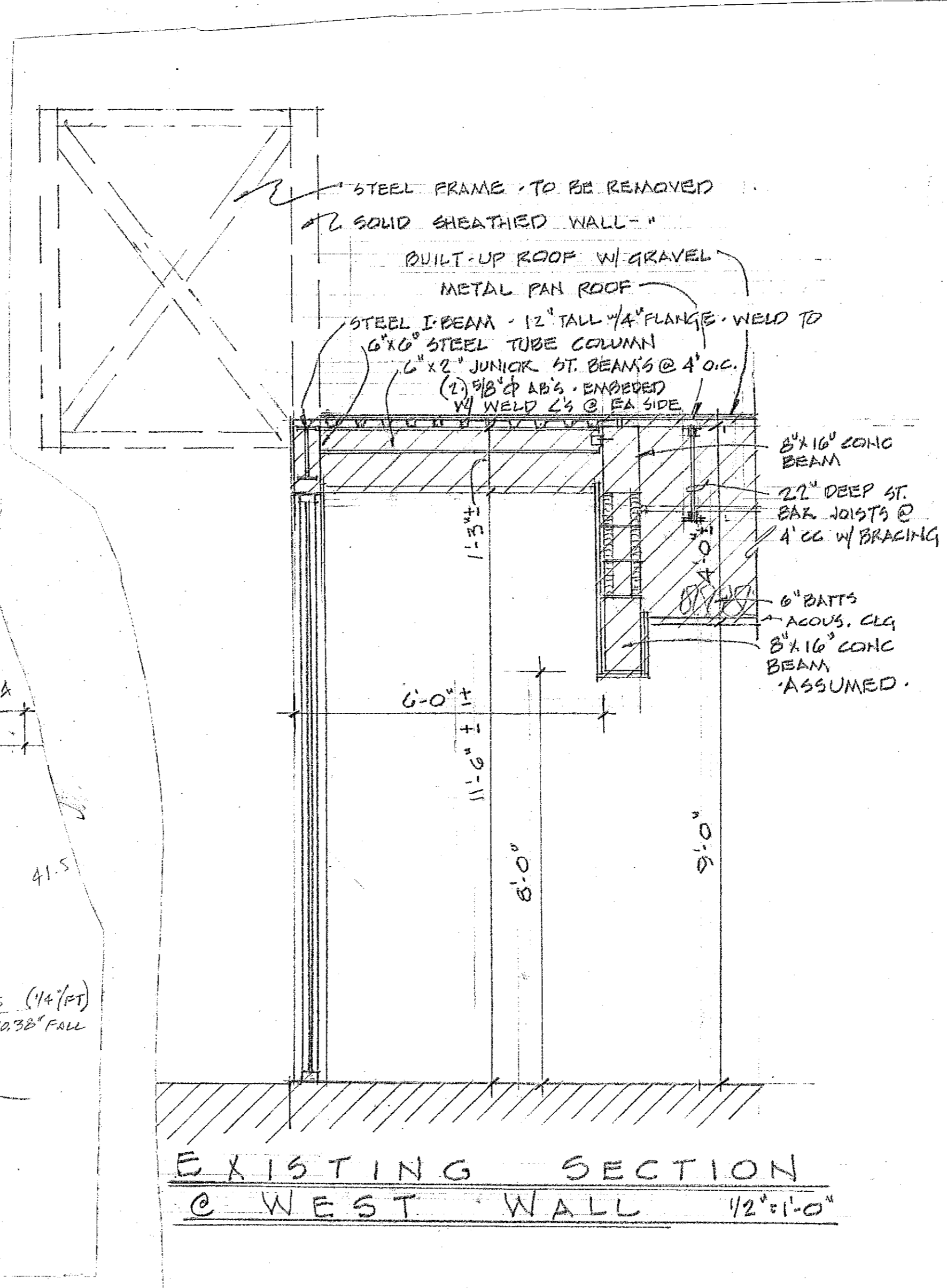
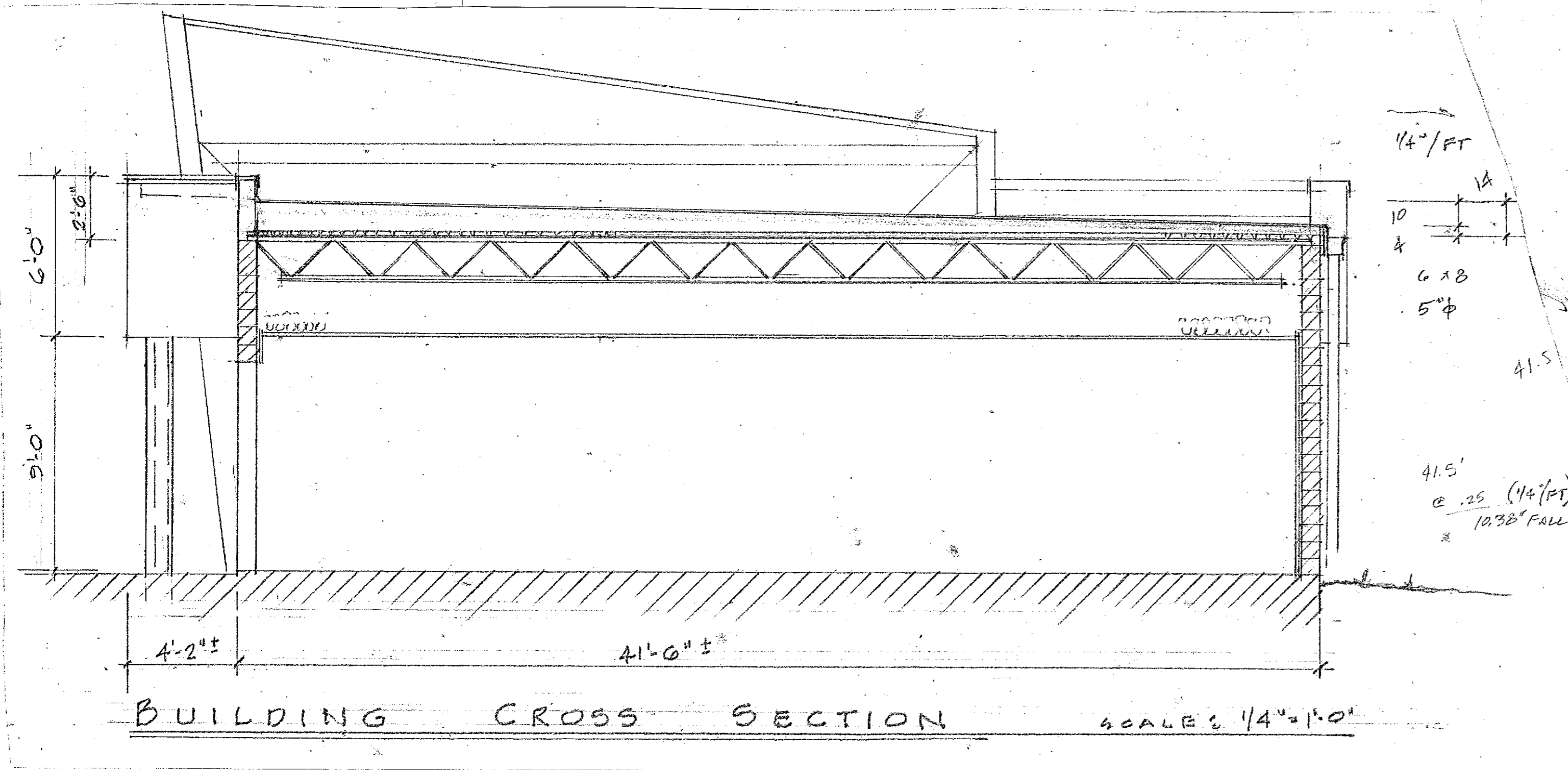
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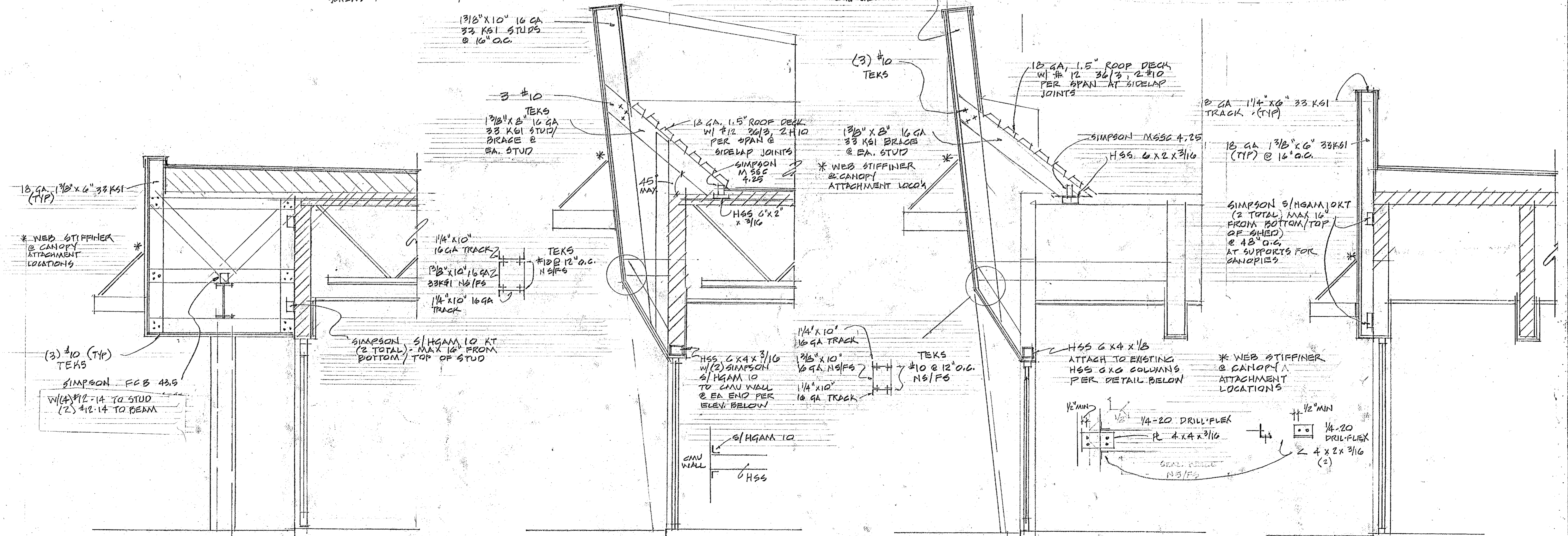
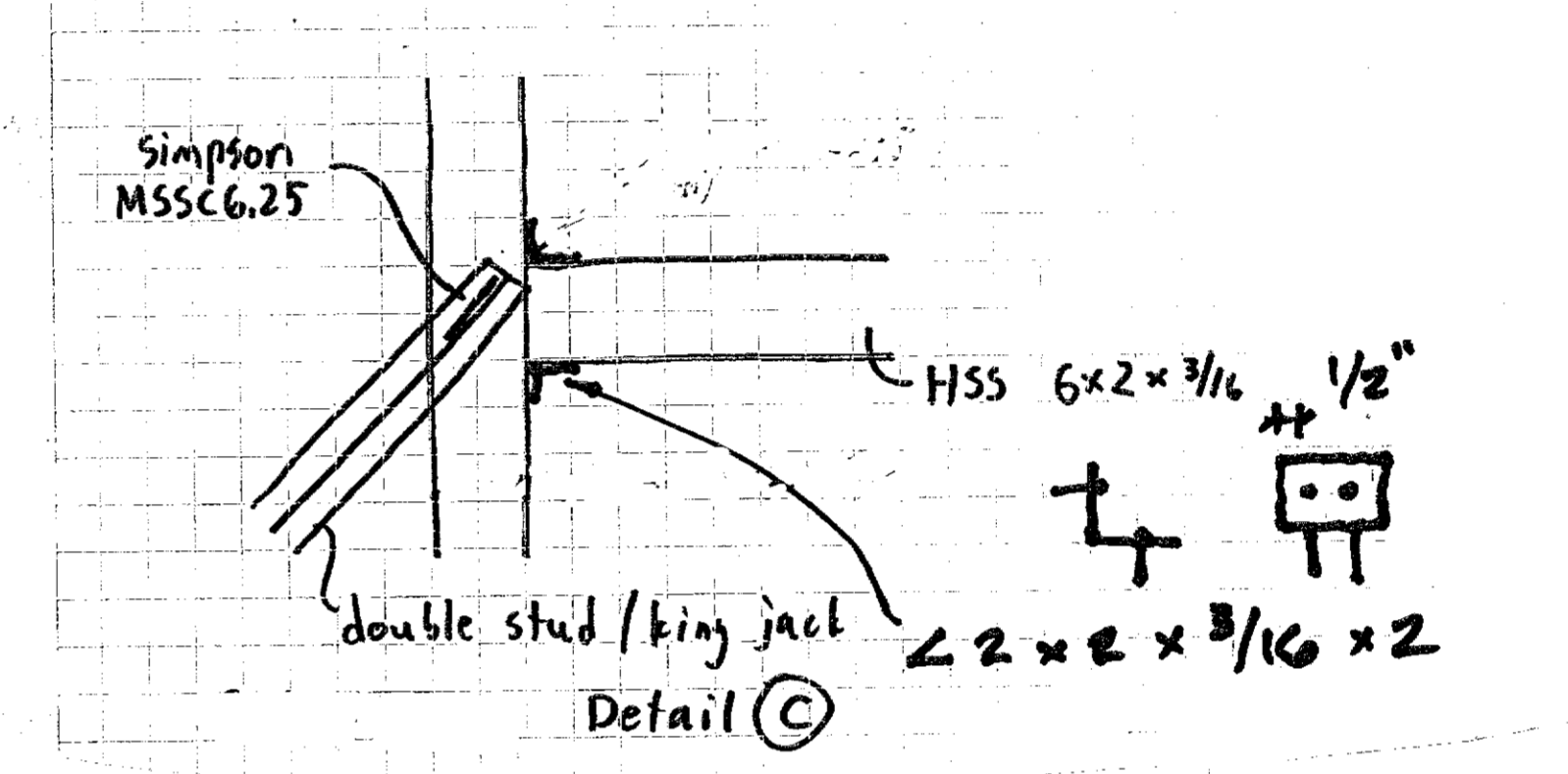
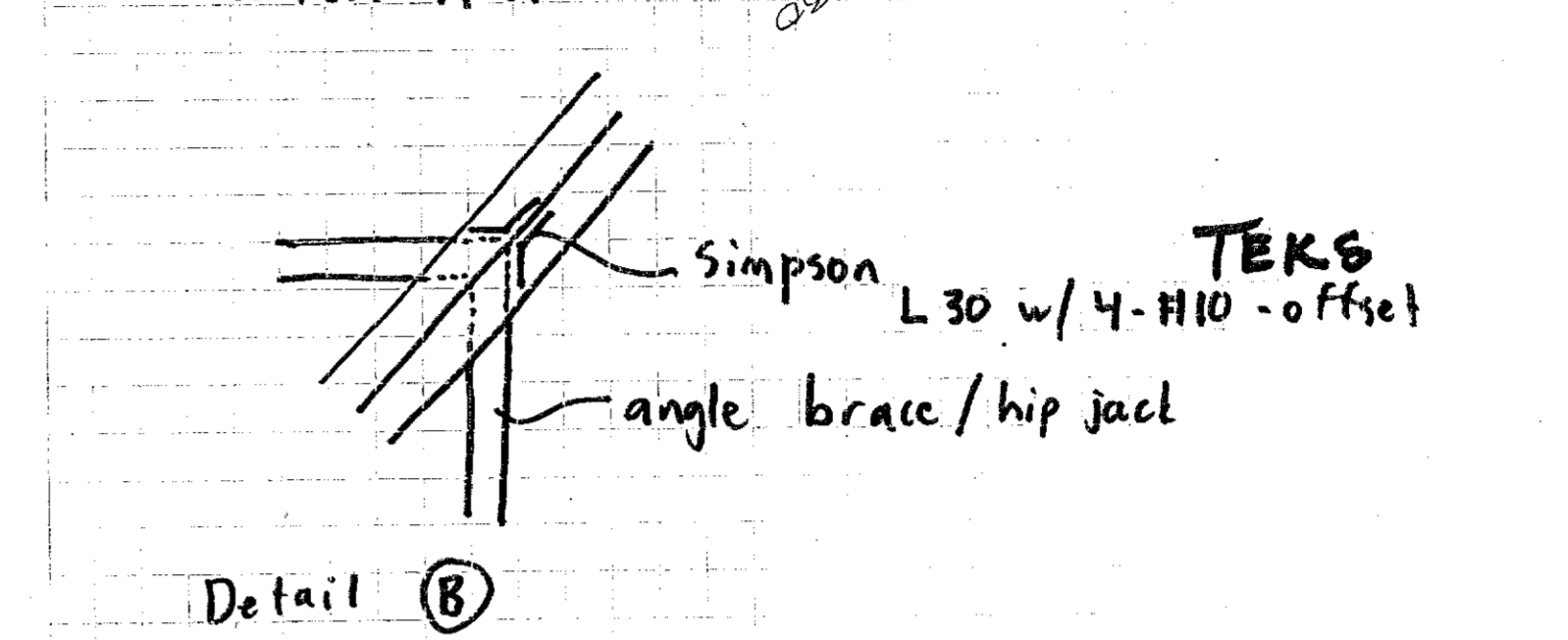
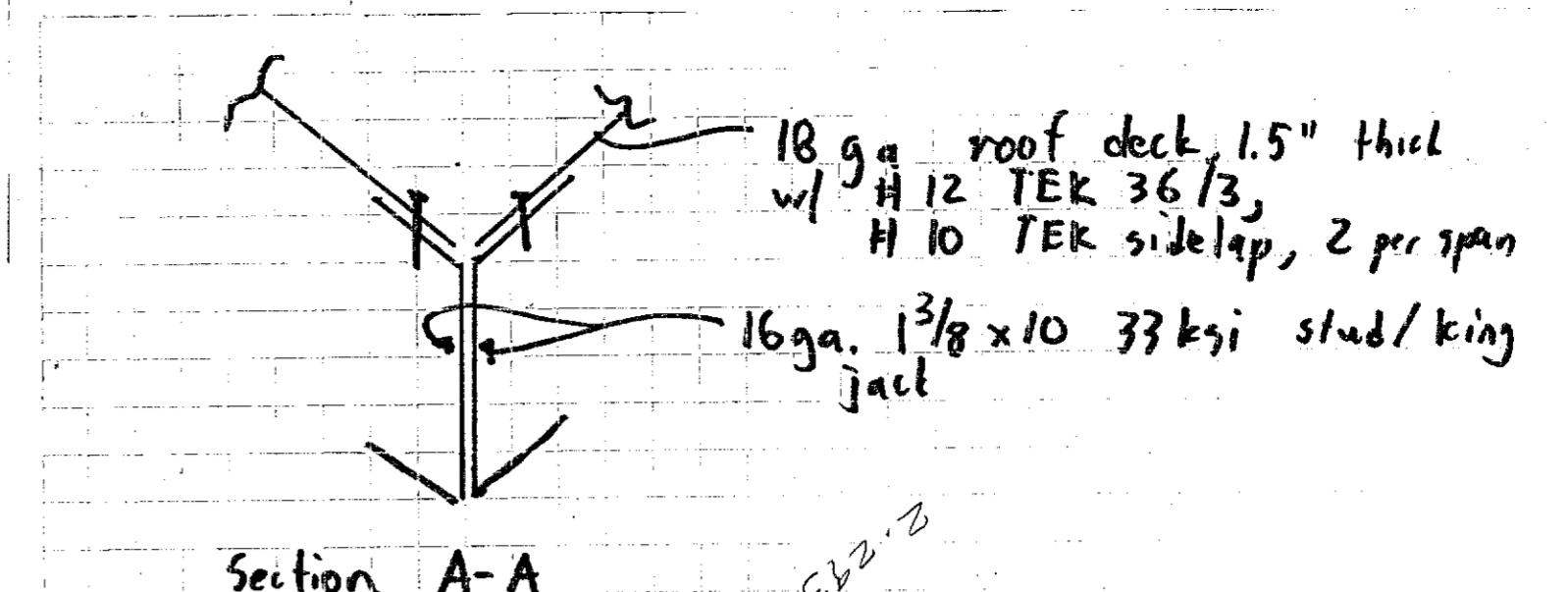
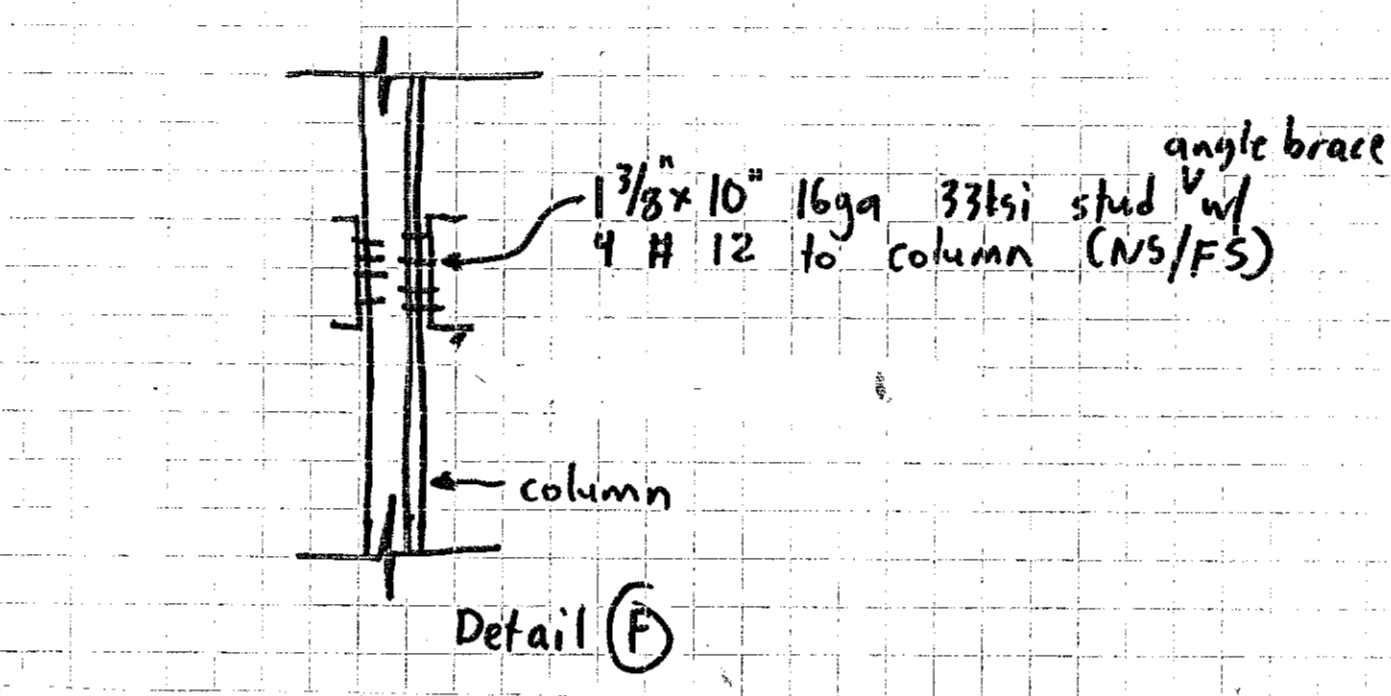
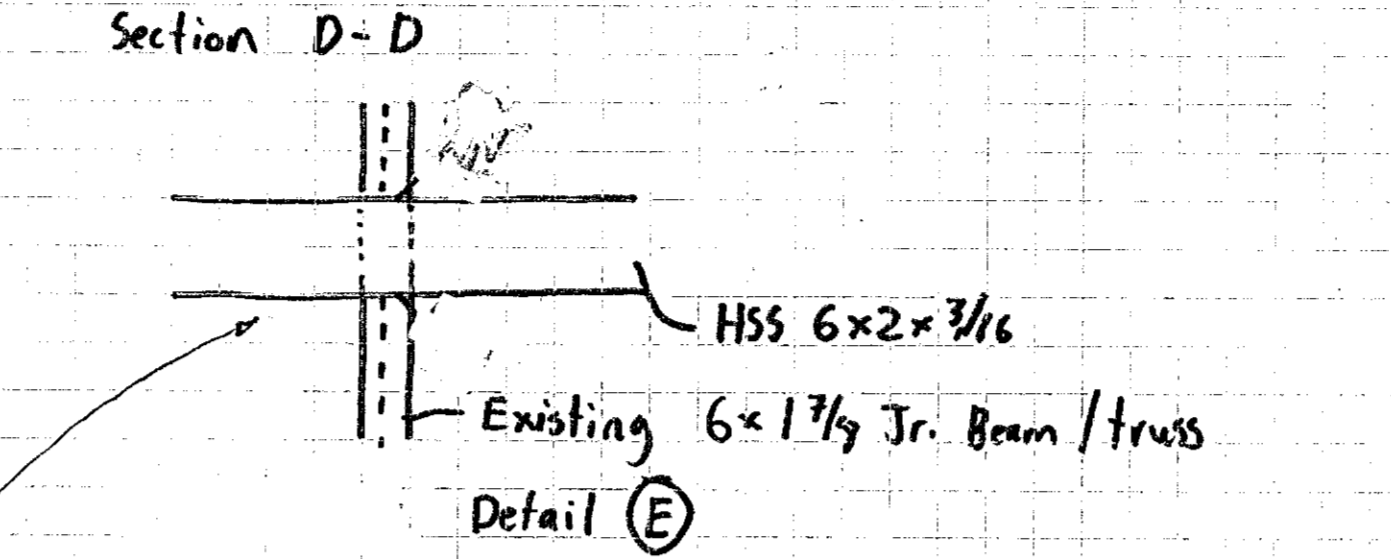
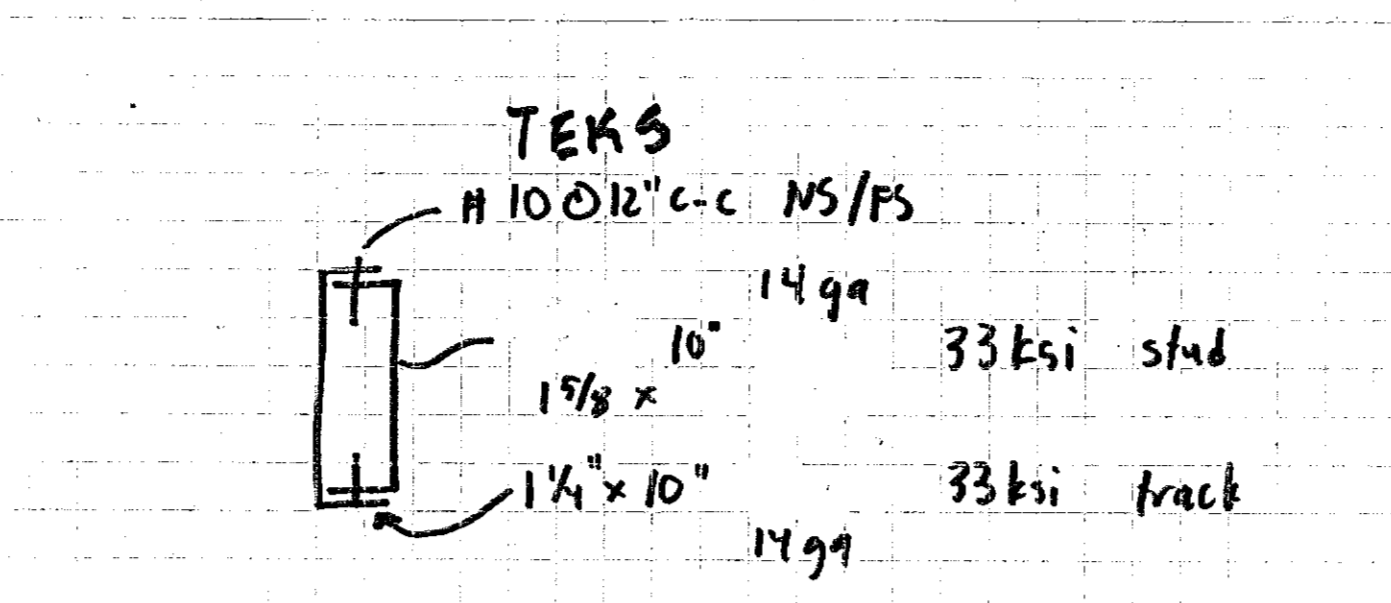
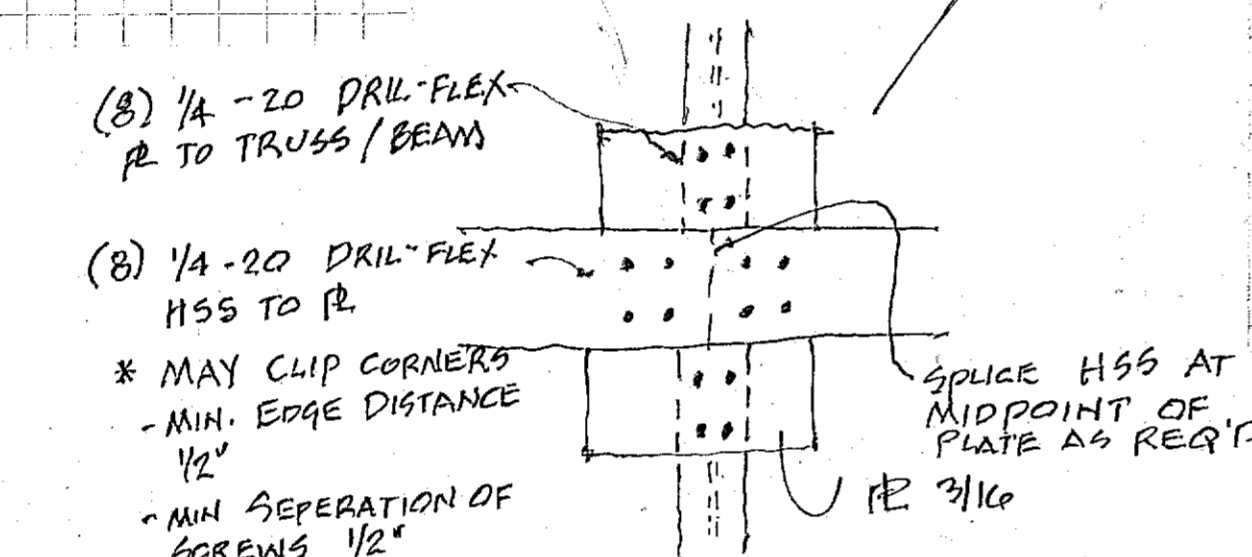
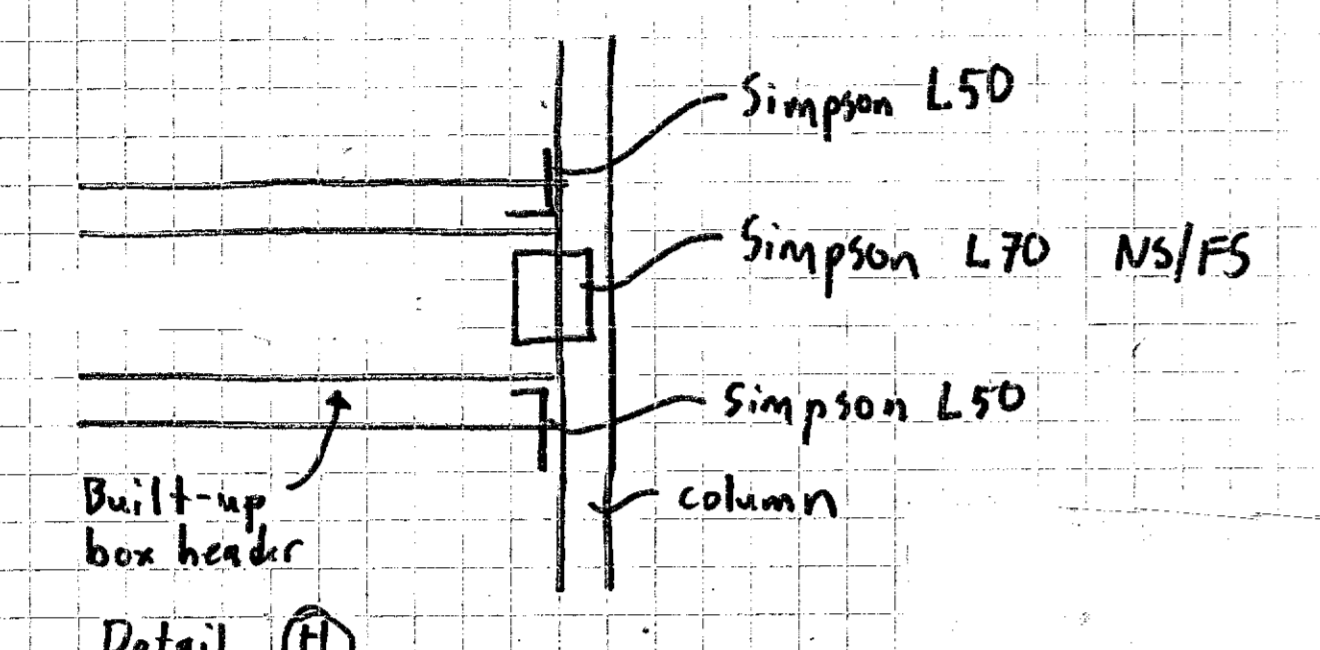
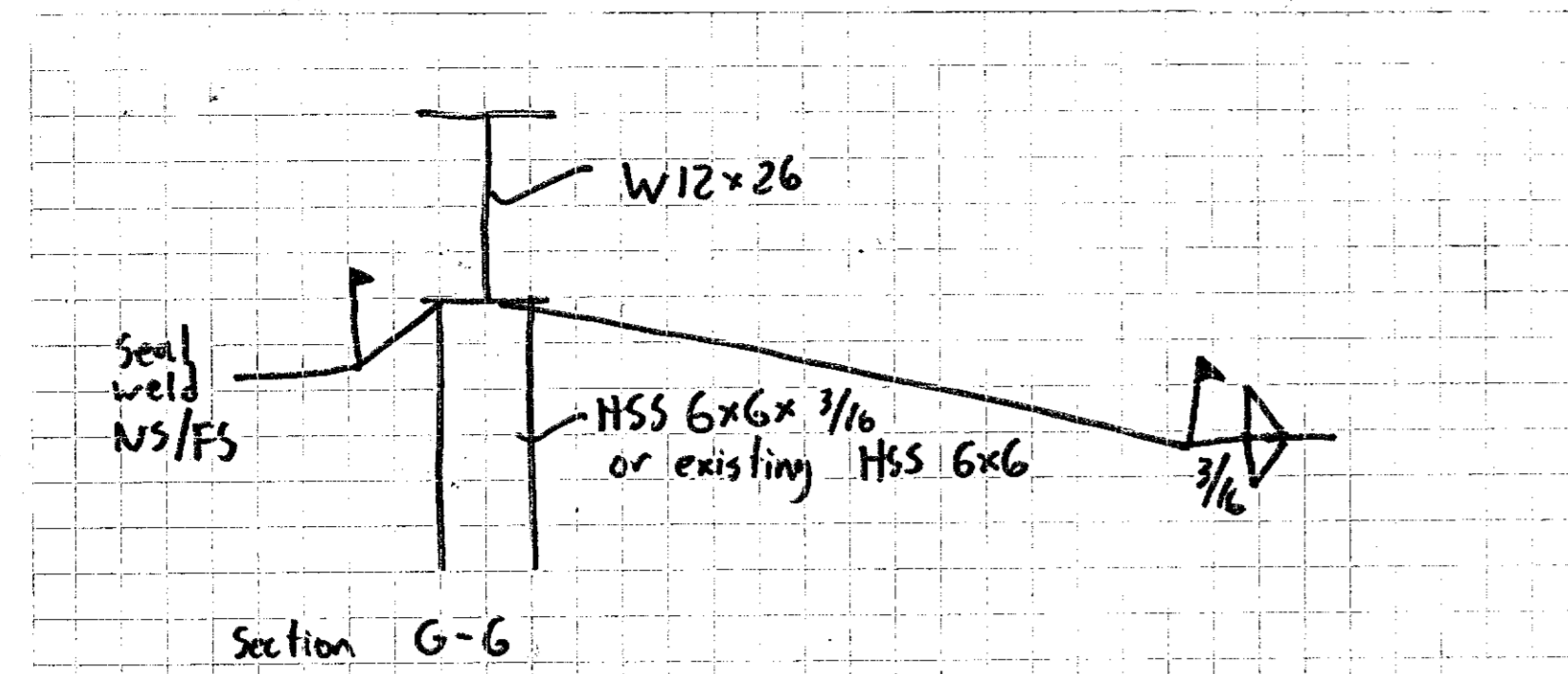
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SECTION 1/2"=1' SECTION 1/2"=1' SECTION 1/2"=1' SECTION 1/2"=1'

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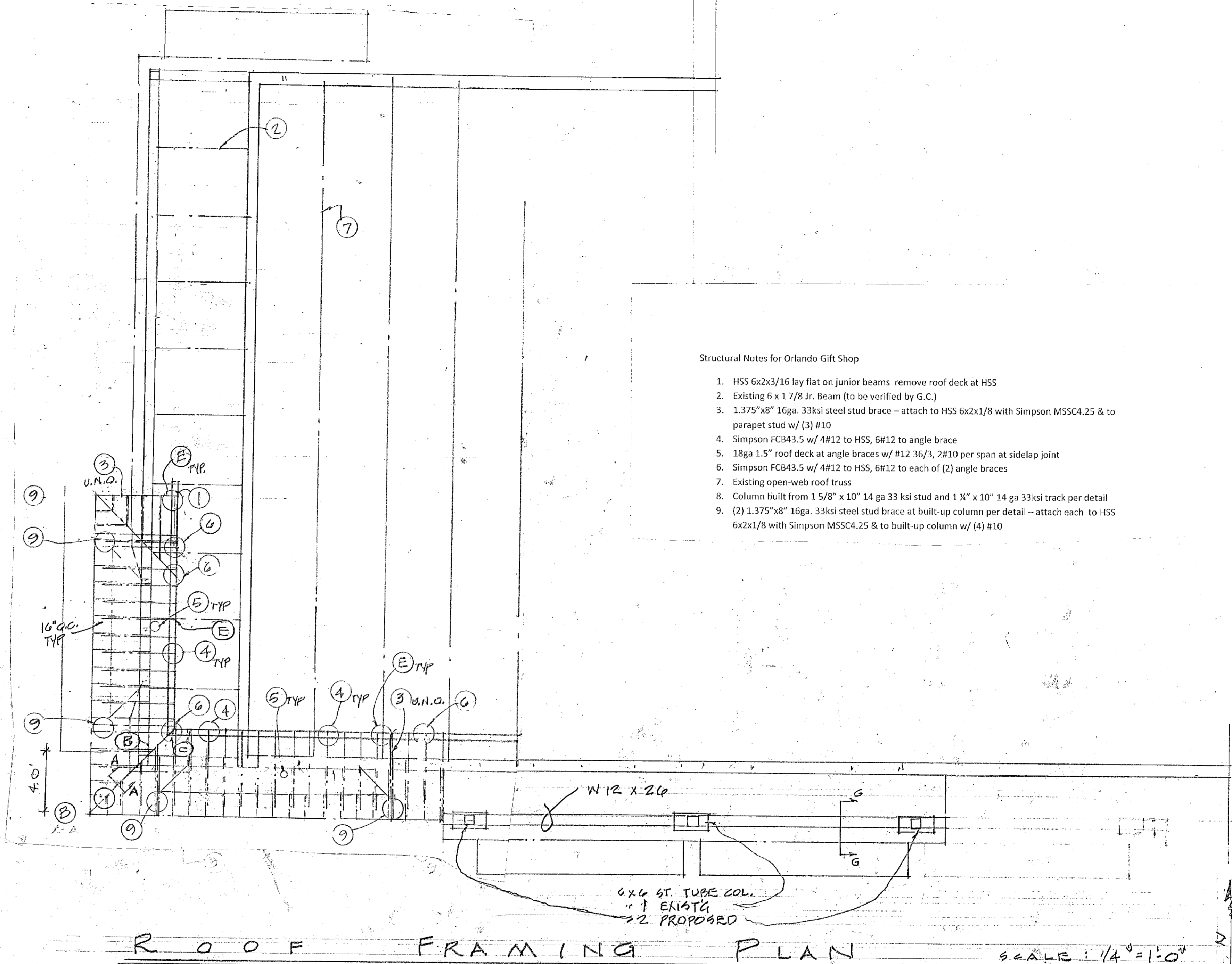
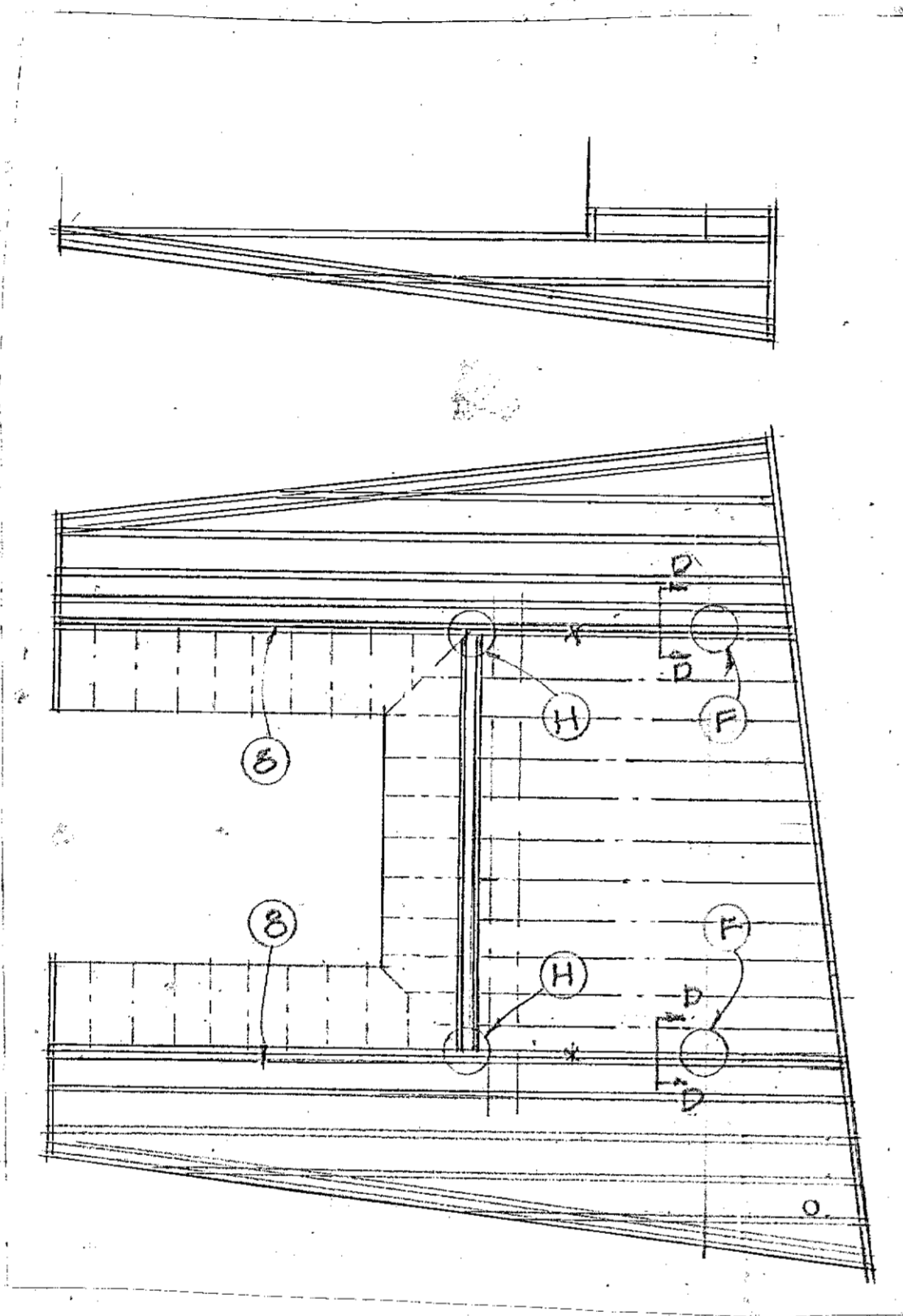
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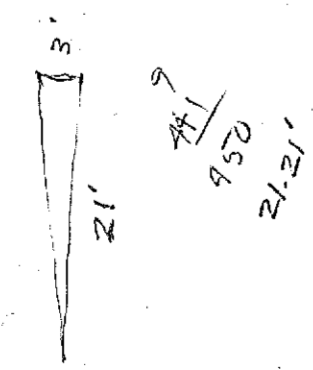
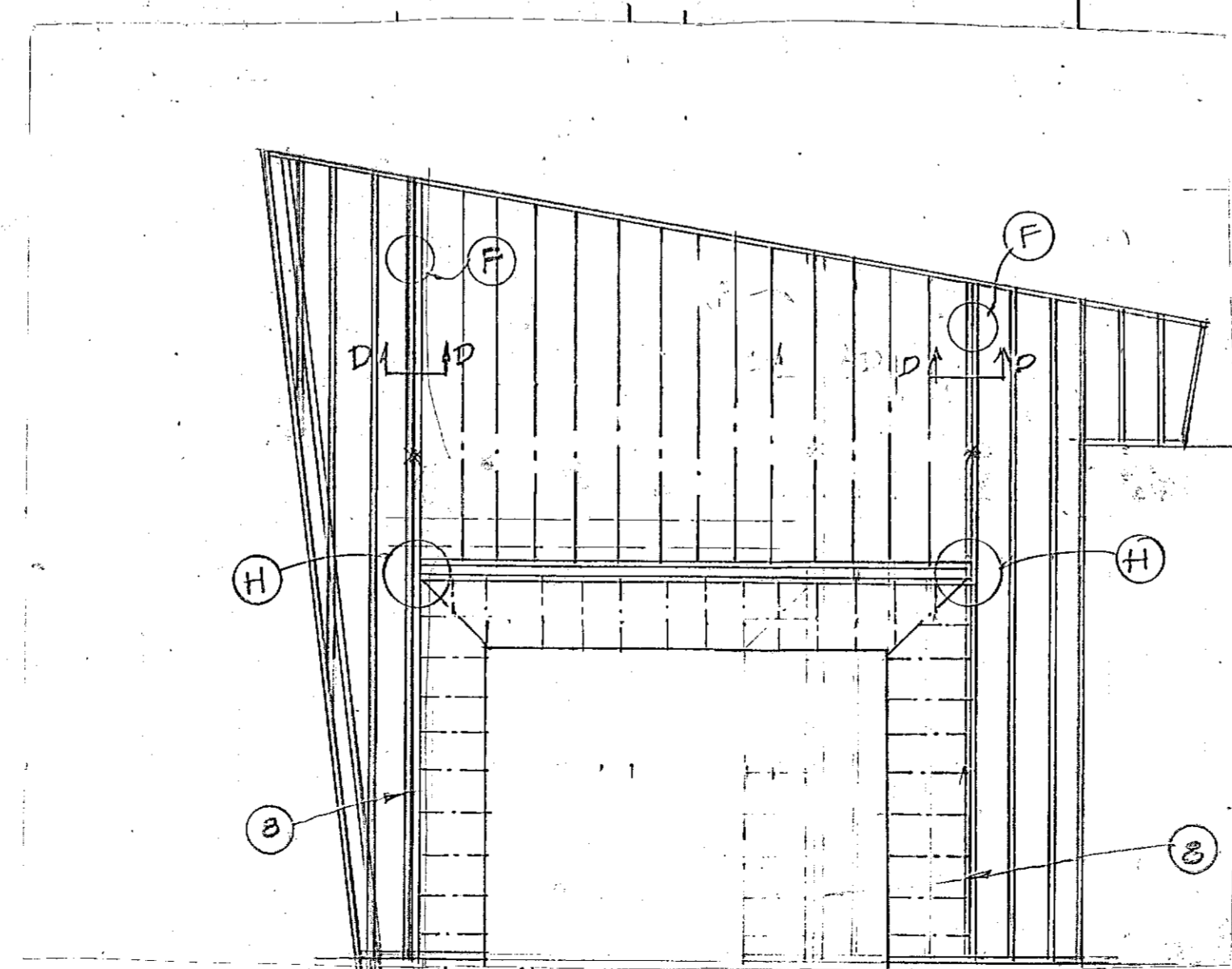
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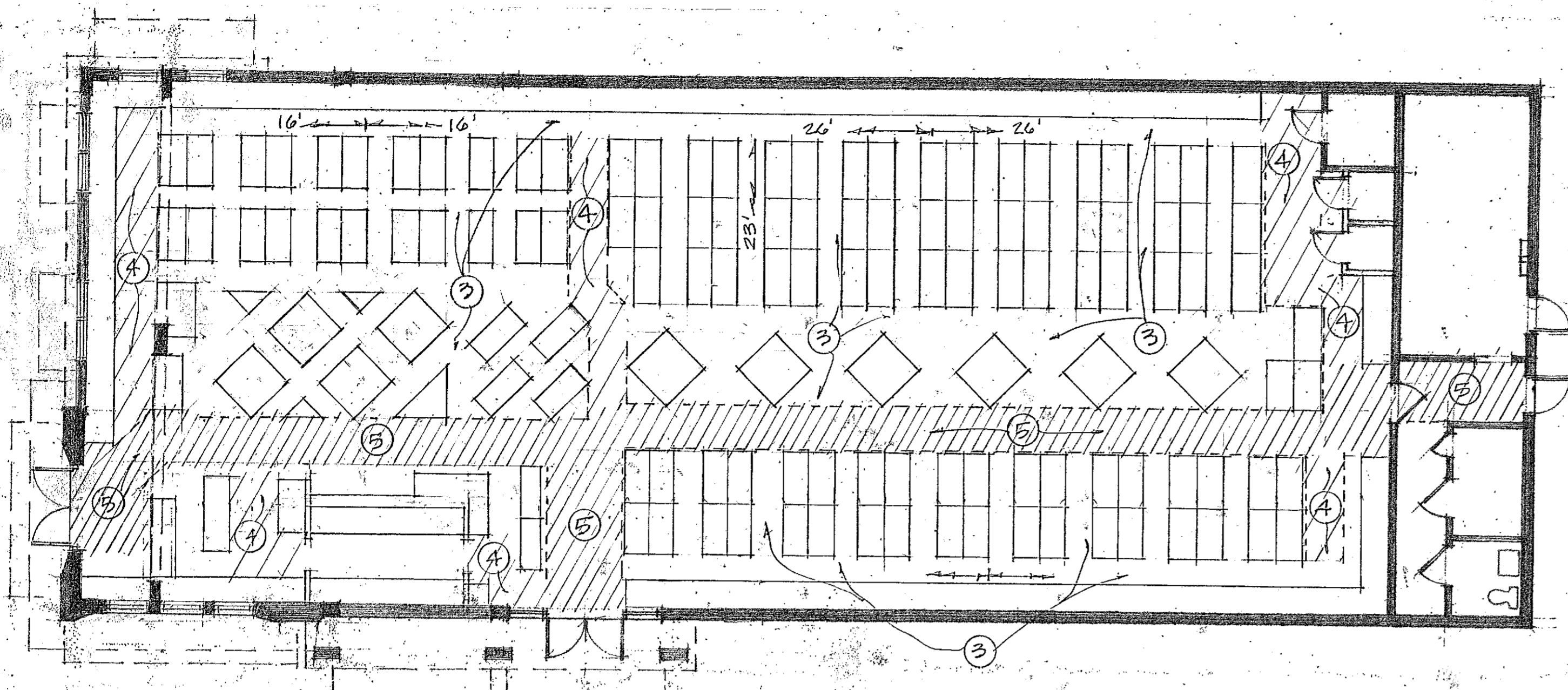
WALL FRAMING ELEVATIONS 1/4"=1'

NORTH
WEST



- Structural Notes for Orlando Gift Shop
1. HSS 6x2x3/16 lay flat on junior beams remove roof deck at HSS
 2. Existing 6 x 1 7/8 Jr. Beam (to be verified by G.C.)
 3. 1.375"x8" 16ga. 33ksi steel stud brace - attach to HSS 6x2x1/8 with Simpson MSSC4.25 & to parapet stud w/ (3) #10
 4. Simpson FCB43.5 w/ 4#12 to HSS, 6#12 to angle brace
 5. 18ga 1.5" roof deck at angle braces w/ #12 36/3, 2#10 per span at sidelap joint
 6. Simpson FCB43.5 w/ 4#12 to HSS, 6#12 to each of (2) angle braces
 7. Existing open-web roof truss
 8. Column built from 1 5/8" x 10" 14 ga 33 ksi stud and 1 1/2" x 10" 14 ga 33ksi track per detail
 9. (2) 1.375"x8" 16ga. 33ksi steel stud brace at built-up column per detail - attach each to HSS 6x2x1/8 with Simpson MSSC4.25 & to built-up column w/ (4) #10





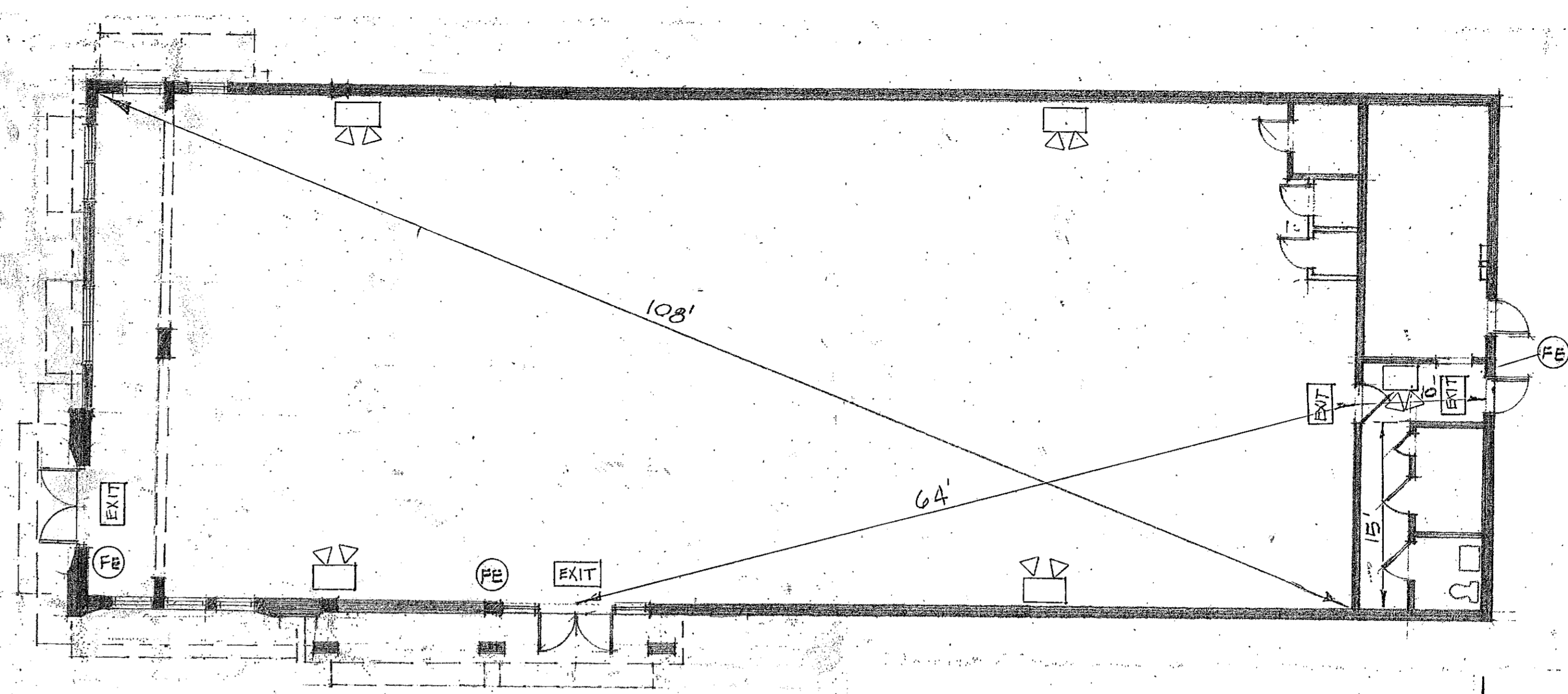
Aisles and Accessways Schedule
(Per NFPA 101 A, 13.2.5.7.4 & 5.3.4.12)

- 1 - 0" wide for the first 6' of length toward exit
- 2 - 12" wide for 6' to 12' of length toward exit
- 3 - 24" wide for 12' to 36' of length toward exit
- 4 - 36" wide Aisle
- 5 - 44" wide Aisle

**RETAIL LAYOUT
FLOOR PLAN**

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

NORTH



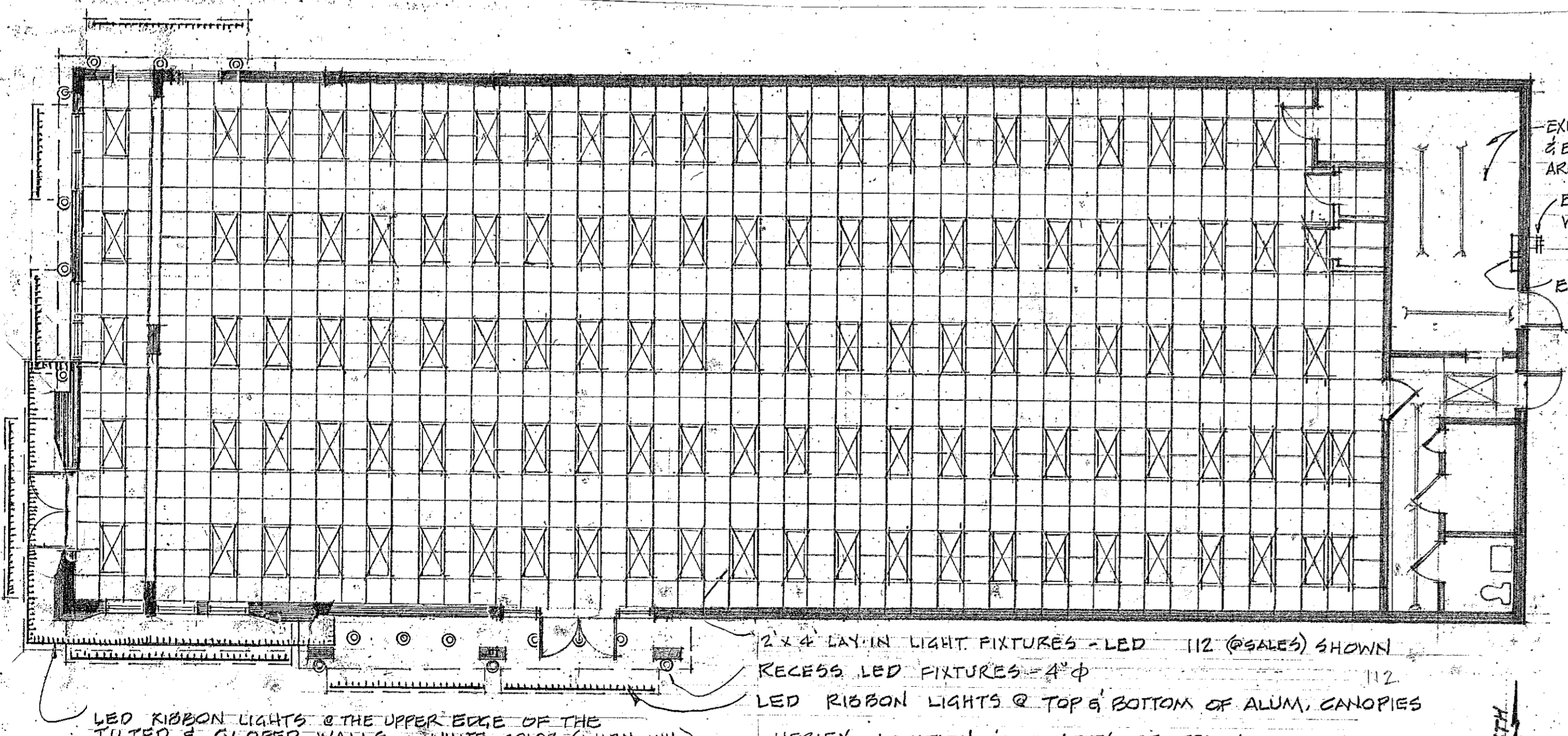
LEGEND

- EXIT EXIT SIGN - ILLUMINATE
- WIRED AHEAD OF MAIN
- EMERGENCY LIGHTING
W/ BATTERY BACK-UP
- FE FIRE EXTINGUISHER
15# TYPE A, B, C

**LIFE SAFETY
FLOOR PLAN**

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

NORTH



**ELECTRICAL
PLAN**

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

NORTH

ELECTRICAL NOTES

- Lighting Controls are to be provided Per FBC Energy Conservation, 2017, 6th Edition, Section C 405.2, Electrical power and Lighting Control Systems
- Occupant Sensor Controls are to be provided per C 405.2.1, at the following:
 - Multi-purpose rooms
 - Employee lunch / break room
 - Office
 - Restroom
 - Stock room
- Occupant Sensor Control Function, per C 405.2.1.1, as follows:
 - (1) Automatically turns lights off within 30 minutes of occupants leaving the space.
 - (2) To be manually turn on capable or controlled to automatically turn on the lights to not more than 50% of the power.
 - (3) Shall incorporate manual control to allow occupants to turn the lights off.
 Note: Time Switch Control, per C 405.2.2, is not to be used due to the use of the Occupant Sensor Controls.
- Daylight Response Controls, per C 405.2.3, are not being provided, per Exception (4) Sidelight Zones on 1st floor in Mercantile Occupancy.
 - Note that there is no Top Daylight Zone on this project.
- Specific Application Controls, per C 405.2.4, to be utilized as follows:
 - per 1. Display and Accent Lighting shall be controlled by dedicated controls, independent of the controls of other lighting in the space.
- Exterior Lighting Controls, per C 405.2.5, to be as follows:
 - (1) Timer control that turns lights off as a function of available daylight.
 - (2) Building Facade and Landscaping, to have an auto shut-off as a function of dawn / dusk and at set opening and closing times.
 - or (3) Have controls that automatically reduce the power to equal to or greater than 30% between midnight and 6:00 am, for 1 hour after business closing and 1 hour before business opening.
 Note: All Time Switch / Controls are to be able to retain their program during the loss of power for at least 10 hours.

LIFE SAFETY AND FIRE PREVENTION NOTES

- Current Code - Florida Fire Prevention Code - Sixth edition
Comprised of NFPA 101 (2015) and NFPA 101 B (2015)
with Florida Amendments.
- Scope of Activity - Rehabilitation Type Per Chapter 43.2.2.1 - 3. Modification
- Occupancy Classification - Mercantile Class B
Note: Existing Mercantile use and permit is for renovation and
no change of use is proposed.
NFPA 101 Chapter 37 - Existing Mercantile Occupancy
- Existing does not need to be modified because the new
construction does not diminish the fire safety features.
Per Chapter 37.1.1.5.2
- Occupancy Load - 147 - based on Mercantile @ 30 sf / person and 4,400 sf +.
- Capacity of egress width - 29.4" - or 147 persons @ .2" per person.
- Number of Exits Required - 2 Number of Exits Provided - 3
- Distance of Travel to an Exit - 75'
- Non-Fire Sprinklered Building
- No Fire Alarm Equipment required due to Occupancy Classification and size.
- Emergency Lighting is to be provided Per Chapter 36.2.9
- Fire Extinguisher are to be provided, Per Chapter 36.3.5.3
- Exit Signs, illuminated, are to be placed to be immediately visible from all sales
areas, Per Chapter 36.2.10

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