

STRICKLAND-LAKEWOOD STORAGE

LEE'S SUMMIT, MO

BUILDING A

3 STORY 140'x 260'x 29' LS, 1/4:12

SHEET SCHEDULE

NOTES:

- (1) CODE IBC 2018
SECTION 311.2 MODERATE-HAZARD STORAGE, GROUP S-1 USE AND OCCUPANCY
PER TABLE 503-CONSTRUCTION TYPE IIB-3 STORIES ALLOWED, 17,500 SF
PER SECTION 903.2.9 - BUILDING IS REQUIRED TO BE FIRE SPRINKLED PER NFPA 13
IF FIRE AREA EXCEEDS 12,000 SF.
ONE STORY BUILDING AREA = 34,375 SF
- (2) DESIGN LOADS:
ROOF LIVE LOAD = 20 P.S.F.
ROOF DEAD LOAD = 7 P.S.F.
WIND SPEED = 115 MPH
GROUND SNOW = 20 P.S.F.
- (3) ALL PRIMARY FRAMING MEMBERS (PURLINS, COLUMNS & JAMBS)
ARE 6"x 4"x 2 1/2" CEE/ZEE 16 GA. (MINIMUM) UNLESS NOTED.
- (4) ALL BUILDING MATERIALS PROVIDED BY AVID BUILDING SYSTEMS ARE
NON-COMBUSTIBLE.
- (5) GIRTS, 'G' (4"x 2 1/2" CEE/ZEE 16 GA.), ARE TO BE LOCATED AT
5'-0" A.F.F.
- (6) BASE ANGLES, 'BA' (4"x 2"x 16 GA.), ARE TO BE ATTACHED TO FINISH
FLOOR W/ 1/4"x 1 1/4" DRIVE PINS AT 2'-6" O.C.
- (7) BASE CHANNEL, 'BC' (2"x 6 1/8" & 2"x 4 1/8"x 16 GA.), ARE TO BE ATTACHED
TO FINISH FLOOR W/ 1/2"x 2 3/4" BOLT @ 2'-6" O.C.
- (8) 26 & 29 GA. 'PBU' PARTITION PANELS FASTEN TO COLUMN W/ #12x3/4" S.D.
SCREWS AT 12" O.C. AND 6" O.C. AT LAPS.
- (9) 3"x 4 1/8"x 3"x 16 GA. EAVE CHANNEL.
- (10) 26 GA. 'PBR' EXTERIOR PANEL AND TRIM.
- (11) 14 GA. (GALVANIZED) 'B-1' BASE CLIPS ATTACH TO EACH COLUMN W/
4~#12x3/4" S.D. SCREWS AND 1~1/2"x 2 3/4" LG. WEDGE ANCHOR BOLT.
- (12) WALL INSULATION (BY OTHERS)
ROOF INSULATION (BY OTHERS)
(1/4:12) ROOF PITCH W/ TPO (BY OTHERS)
- (13) LOW EAVE HEIGHT = 29'-0"
HIGH EAVE HEIGHT = 38'-2"
- (14) ALL ELECTRICAL, MECHANICAL, AND PLUMBING WORK RELATED TO
THIS PROJECT SHALL BE THE RESPONSIBILITY OF THE OWNER.
- (15) ALL RESPONSIBILITY FOR SITE PLAN AND FOUNDATION DESIGN SHALL BE
BORNE BY OTHERS.
- (16) ENGINEERING SEAL CARRIES RESPONSIBILITY FOR DESIGN ONLY, AND NOT
FOR ERECTION.
- (17) ALL STRUCTURAL STEEL AND MISCELLANEOUS STEEL SHALL BE ASTM A36,
FY = 36 KSI MIN., STRUCTURAL TUBES SHALL BE ASTM A500, GRADE B
FY = 46 KSI MIN.

- CV-1 - COVER SHEET
- F1.1 - FOUNDATION PLAN
- F1.2 - FOUNDATION DETAILS
- A-1a - 1st FLOOR UNIT LAYOUT PLAN
- A-1b - 1st FLOOR BASE CHANNEL PLAN
- A-1c - 1st FLOOR TOP CHANNEL PLAN
- A-2a - 2nd FLOOR UNIT LAYOUT PLAN
- A-2b - 2nd FLOOR BASE CHANNEL PLAN
- A-2c - 2nd FLOOR TOP CHANNEL PLAN
- A-3a - 3rd FLOOR UNIT LAYOUT PLAN
- A-3b - 3rd FLOOR BASE CHANNEL PLAN
- A-4 - ROOF FRAMING PLAN
- A-5a - SIDE WALL ELEVATIONS
- A-5b - SIDE WALL ELEVATIONS
- A-6a - END WALL ELEVATIONS
- A-6b - END WALL ELEVATIONS
- A-7a - CROSS SECTIONS
- A-7b - CROSS SECTIONS
- A-7c - CROSS SECTIONS
- A-7d - LONGITUDE CROSS SECTIONS
- A-8 - 2nd FLOOR DECK PLAN
- A-9 - 3rd FLOOR DECK PLAN
- A-10 - TPO ROOF DECK PLAN

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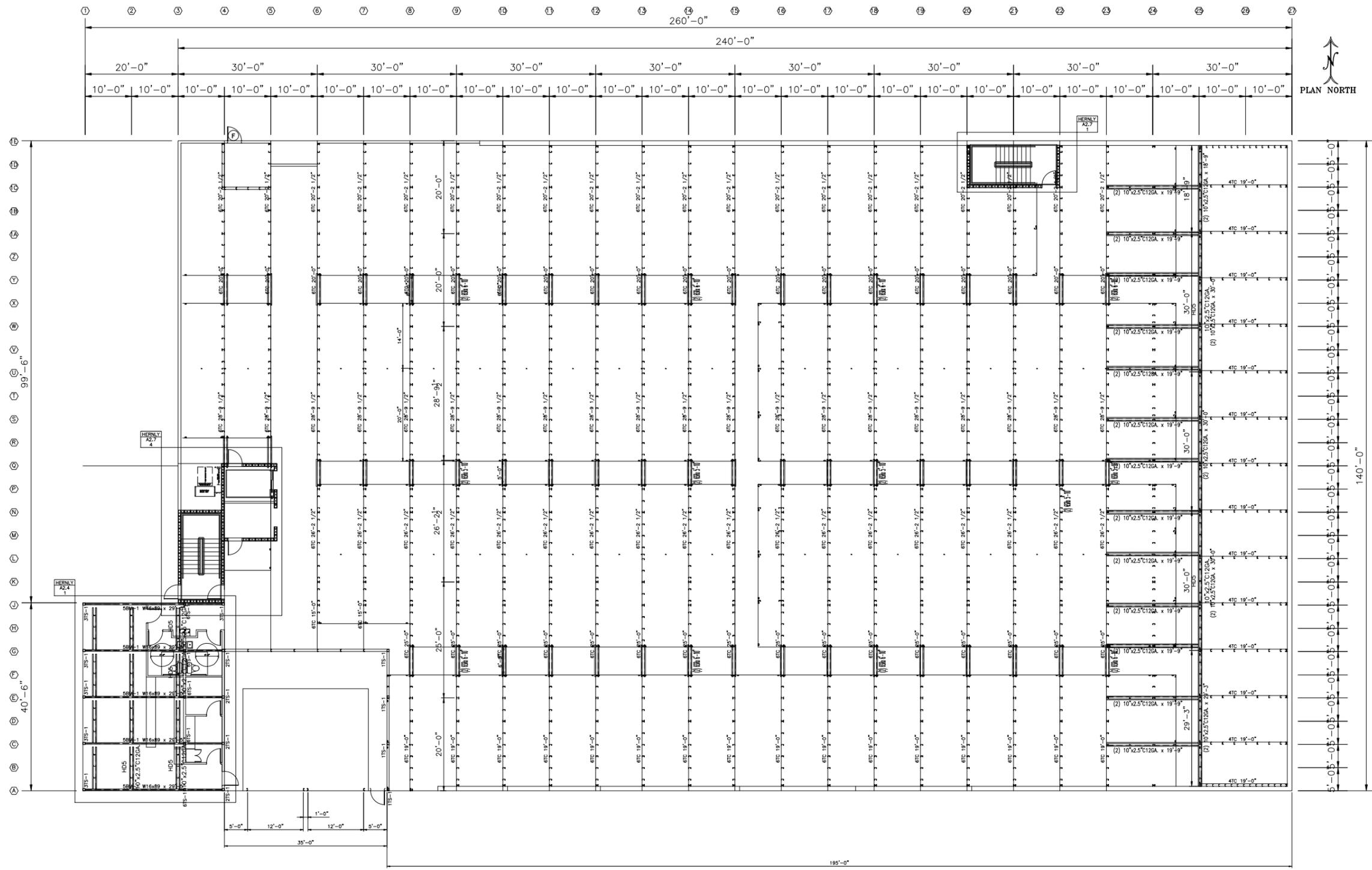
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LEE'S SUMMIT, MO

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ENGINEERING SOLUTIONS
650 SHELL STONE TRAIL
GEORGETOWN, TX 78628
C: 512-639-3131
CO. # F-2017024977

DESCRIPTION
COVER SHEET
DWG BY JTS
CHECKED BY
JOB NO. 80861
Date 8-12-2022
Scale Ref. Drawing
SHEET CV-1
OF SHEETS



1st FLOOR TOP CHANNEL PLAN
 BUILDING 1 - SCALE: 3/32 = 1'-0"
 ALL OVER HEAD DOORS AND ROLL UP DOORS,
 BY OTHERS. SHOWN FOR CLARITY ONLY.



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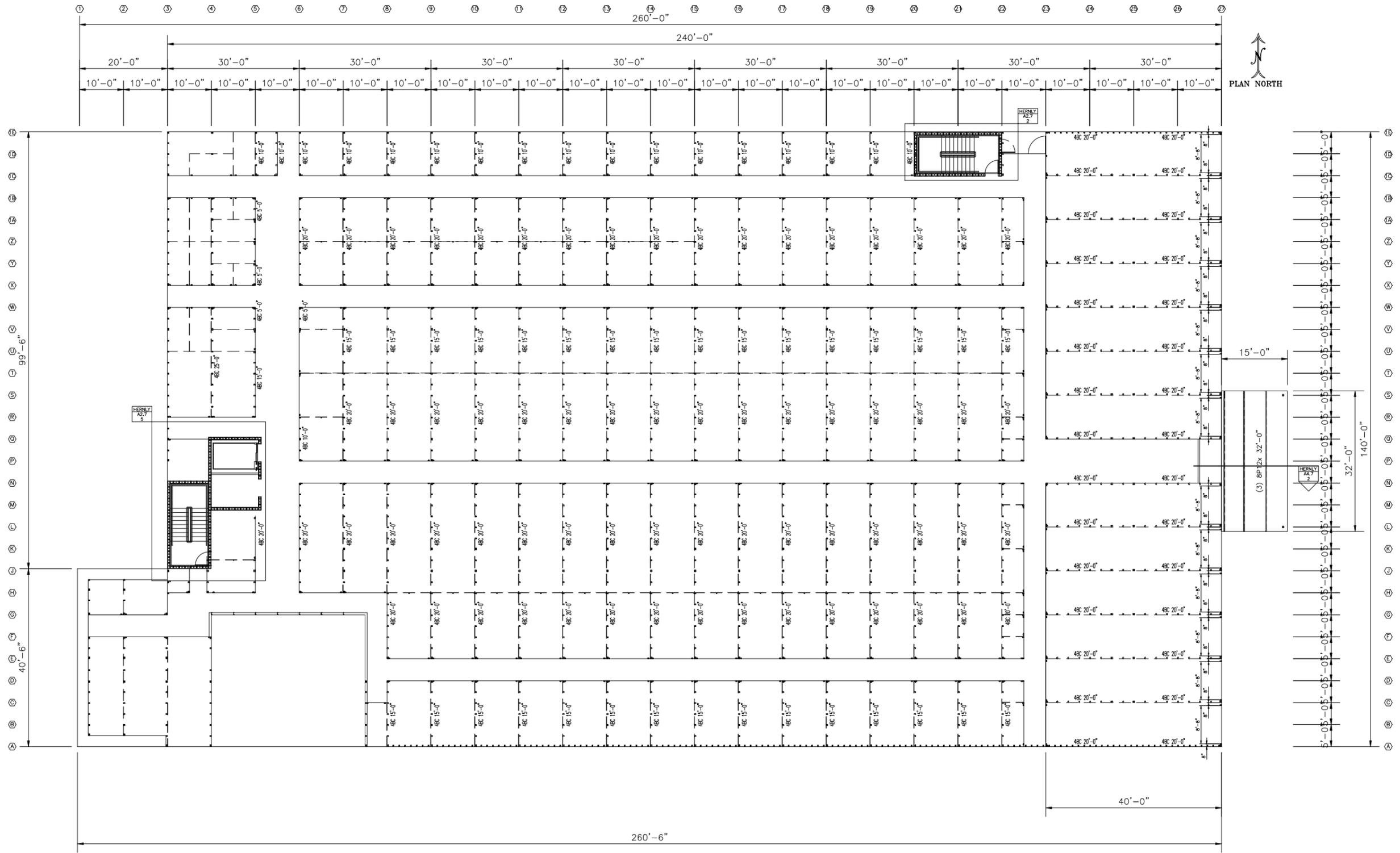
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DESCRIPTION	
2nd FLOOR LAYOUT PLAN	
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JOB NO. 80881	
Date 8-12-2022	
Scale Ref. Drawing	
SHEET A-1c	
OF SHEETS	



2nd FLOOR BASE CHANNEL PLAN
 BUILDING 1 - SCALE: 3/32" = 1'-0"
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 ON 11/4/2022



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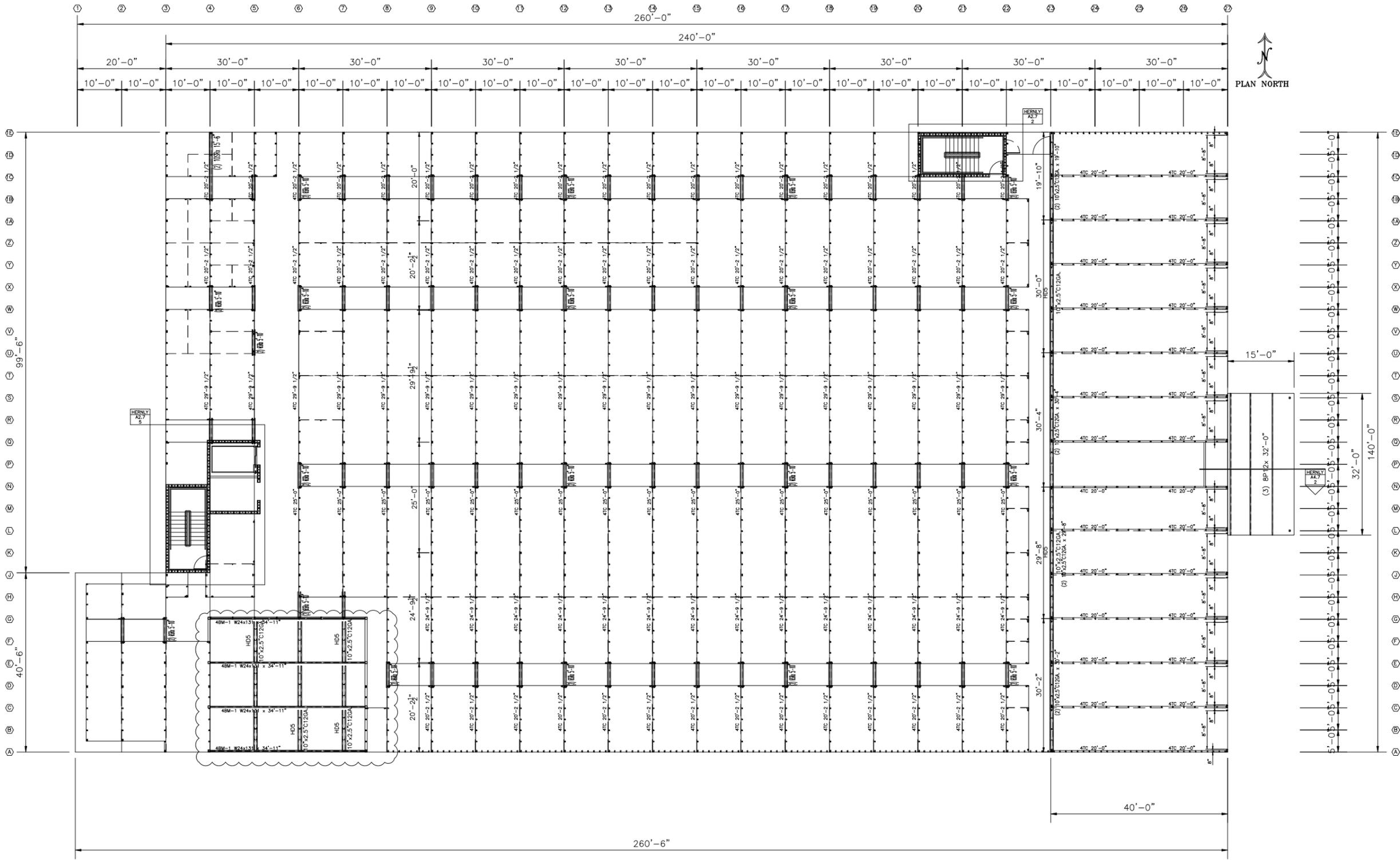
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DESCRIPTION	
LAYOUT PLAN	
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Date	8-12-2022
Scale	Ref. Drawing
SHEET	
A-2b	
OF SHEETS	



2nd FLOOR TOP CHANNEL PLAN
 BUILDING 1 - SCALE: 3/32" = 1'-0"
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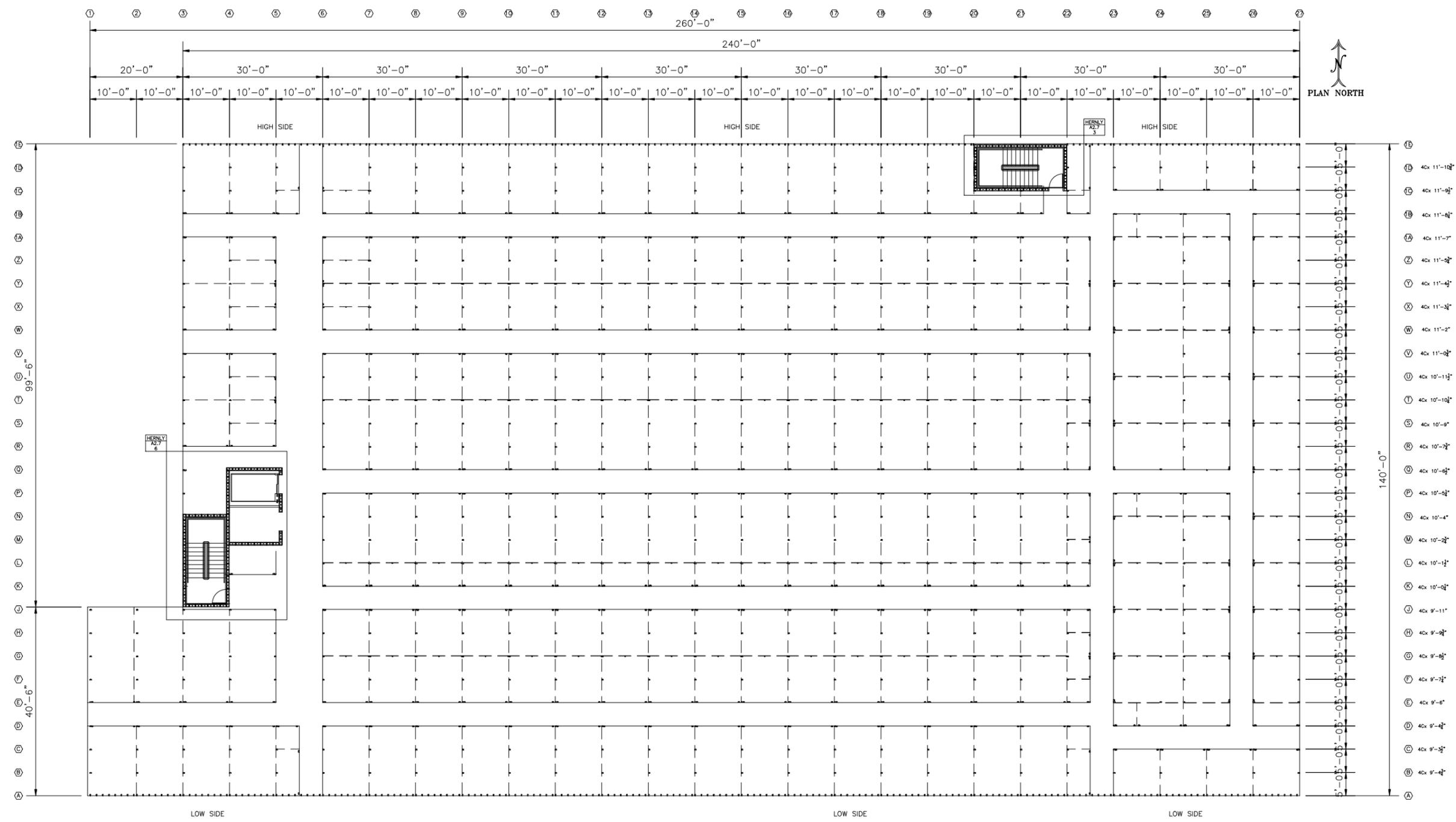
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3rd FLOOR BASE CHANNEL PLAN
 BUILDING 1 - SCALE: 3/32" = 1'-0"
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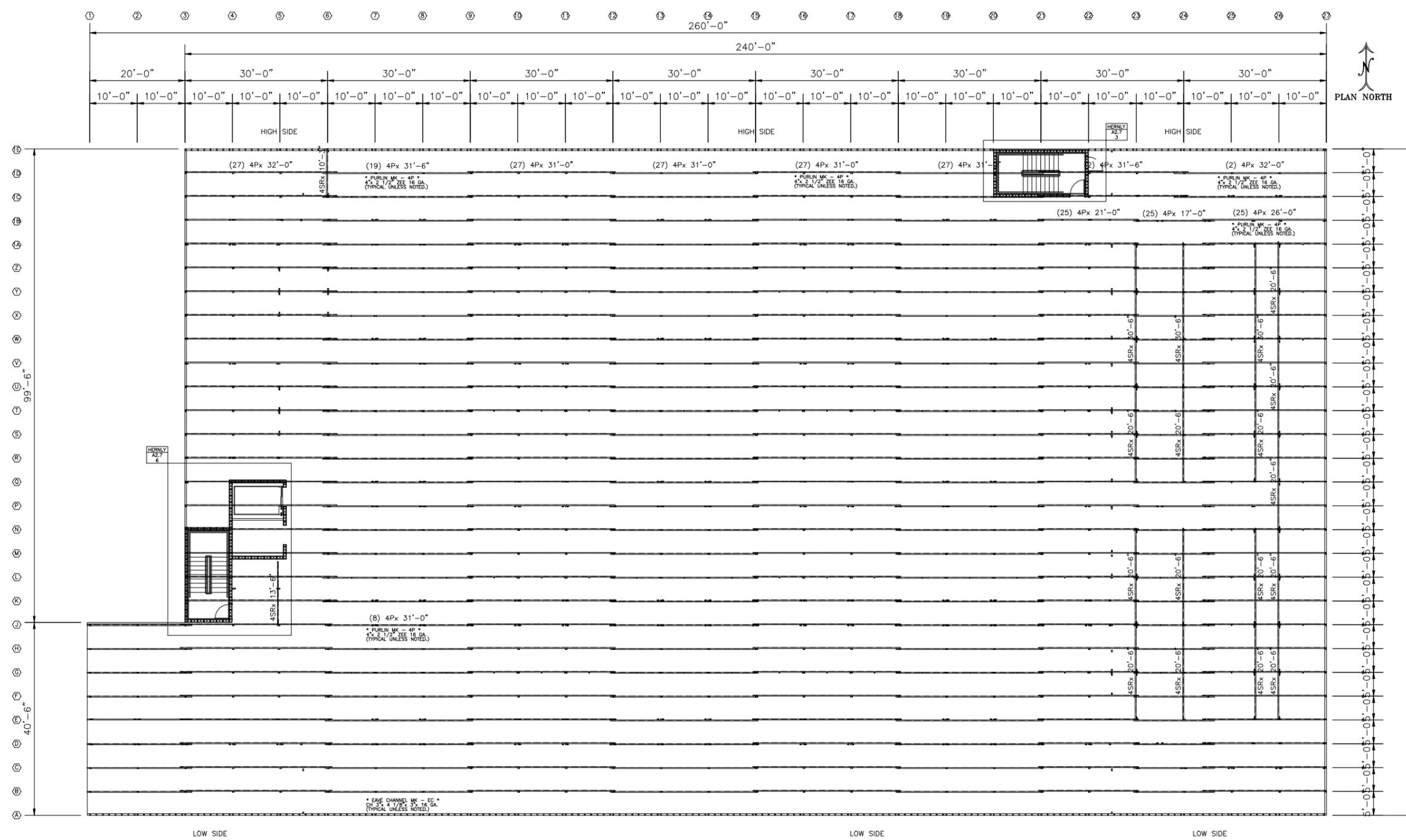
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DESCRIPTION	3rd FLOOR LAYOUT PLAN
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ROOF FRAMING PLAN
 BUILDING 1 - SCALE: 3/32" = 1'-0"
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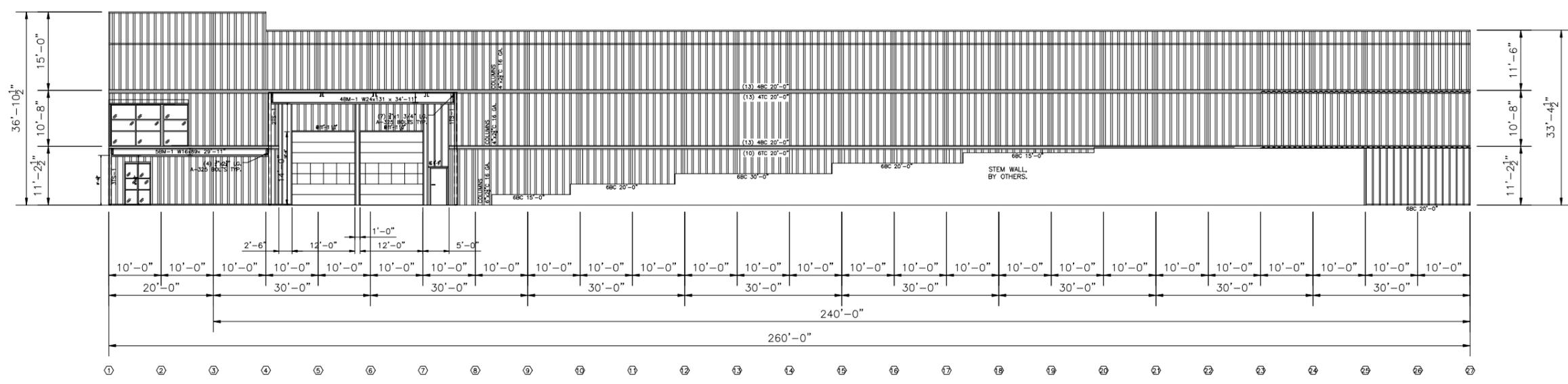
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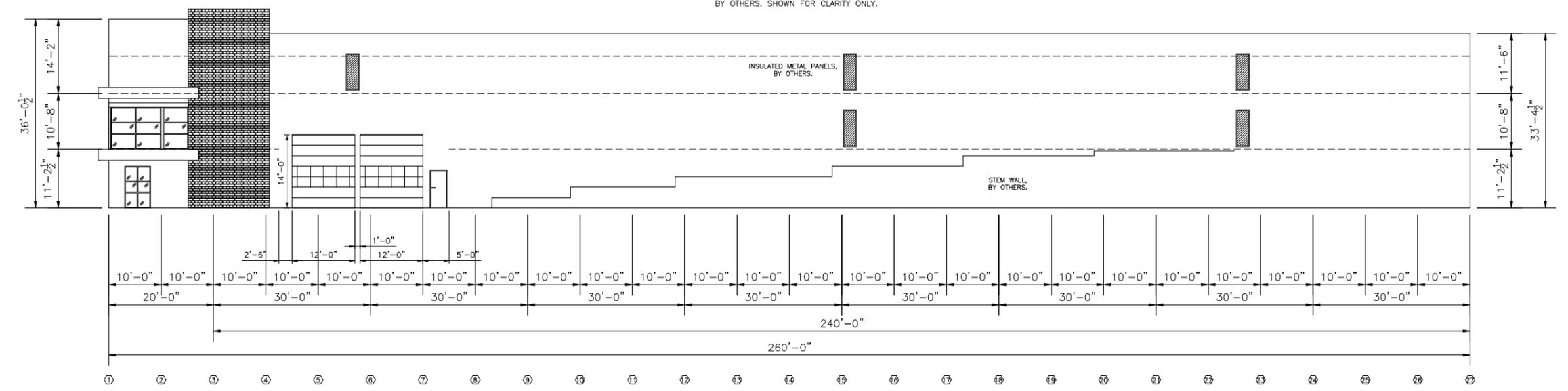


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SHEET	A-4
OF SHEETS	

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SIDEWALL FRAMING ELEVATION @ COLUMN LINE A
 BUILDING 1 - SCALE: 3/32" = 1'-0"
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SIDEWALL ELEVATION @ COLUMN LINE A
 BUILDING 1 - SCALE: 3/32" = 1'-0"
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SIDE WALL ELEVATIONS	
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A-5a	
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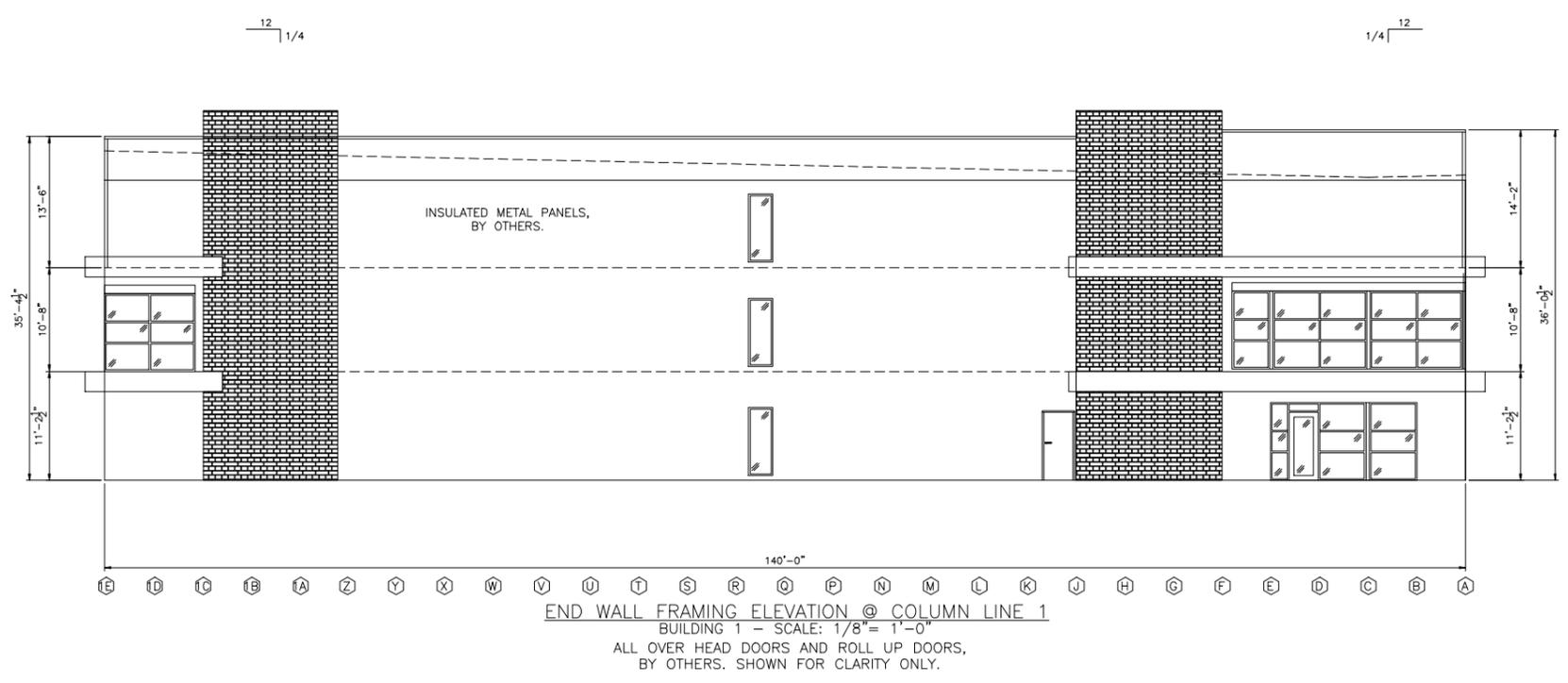
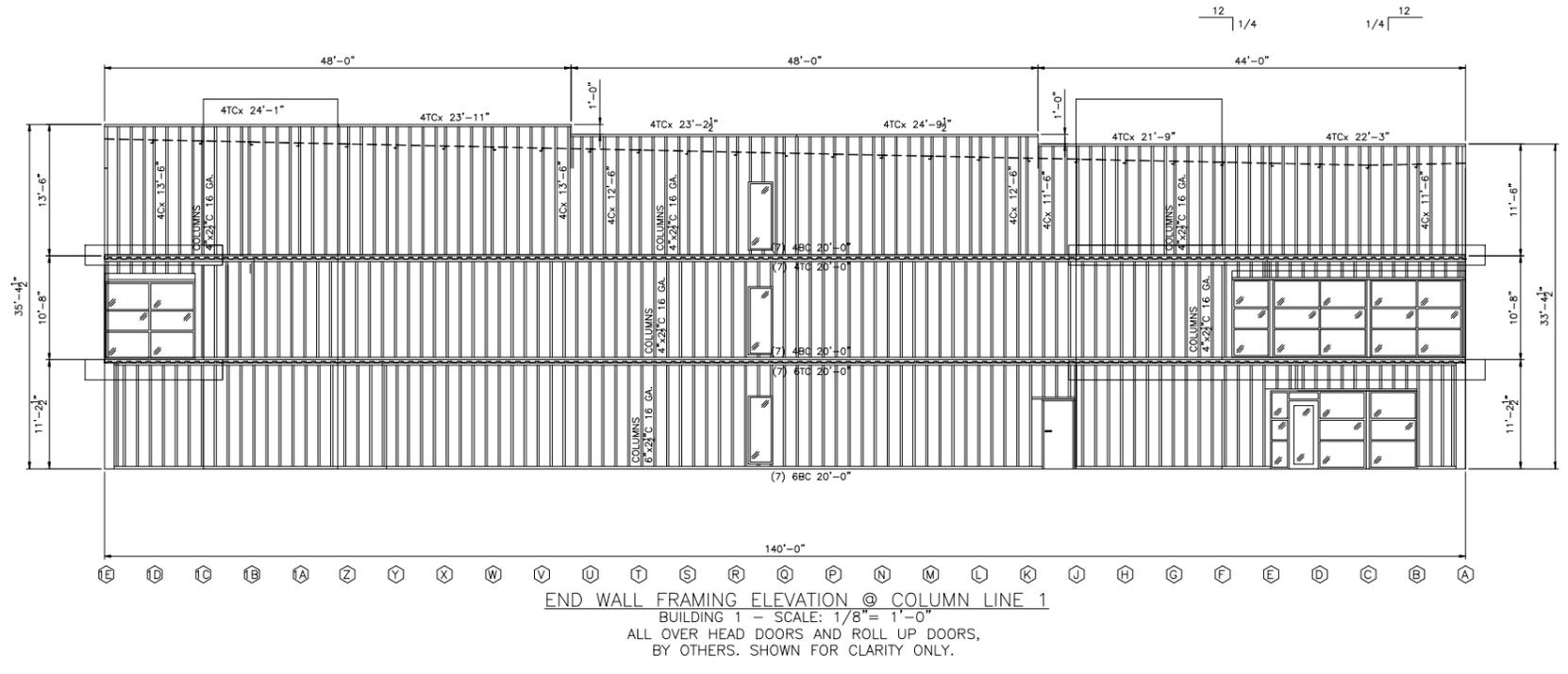


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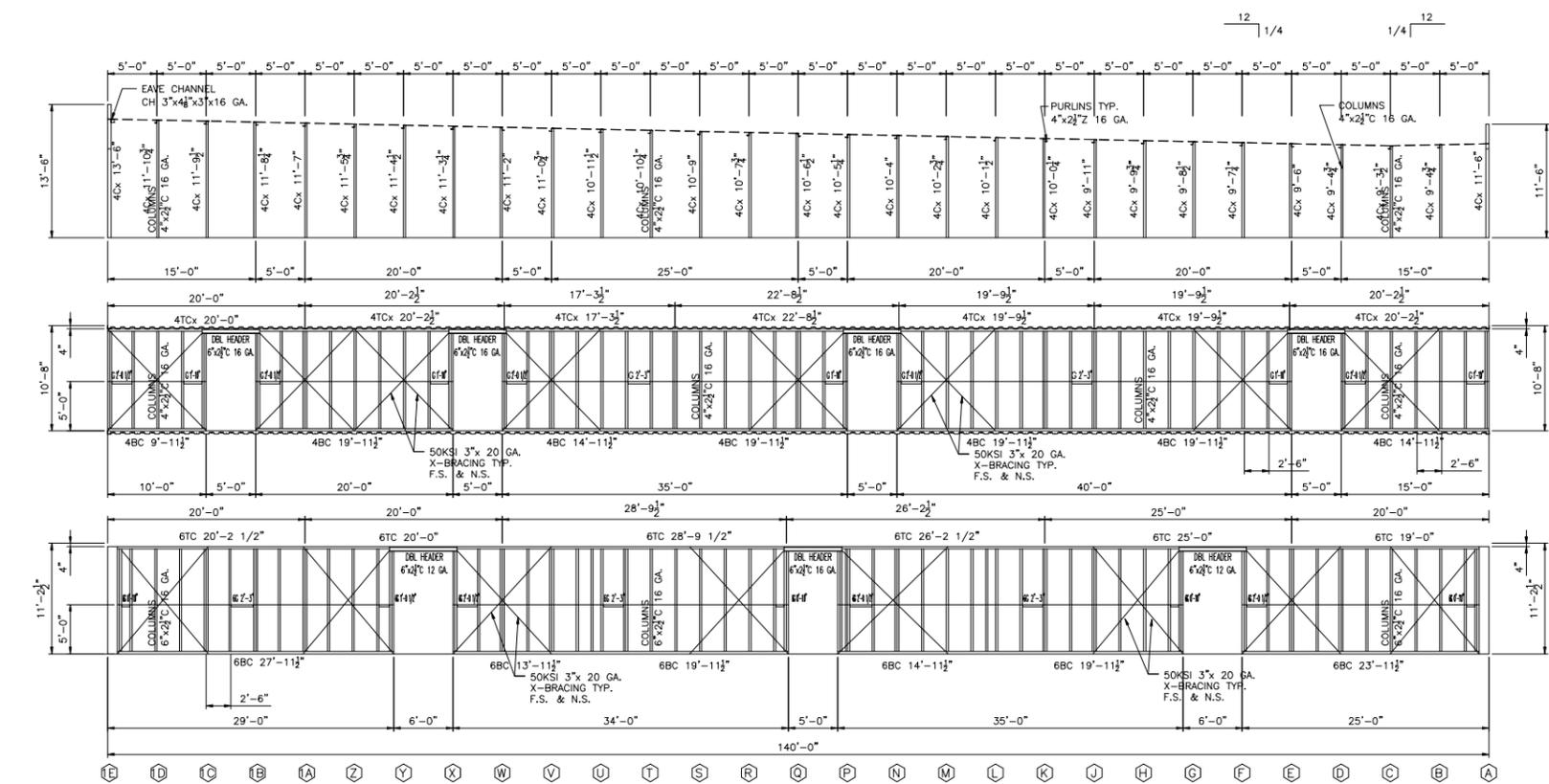


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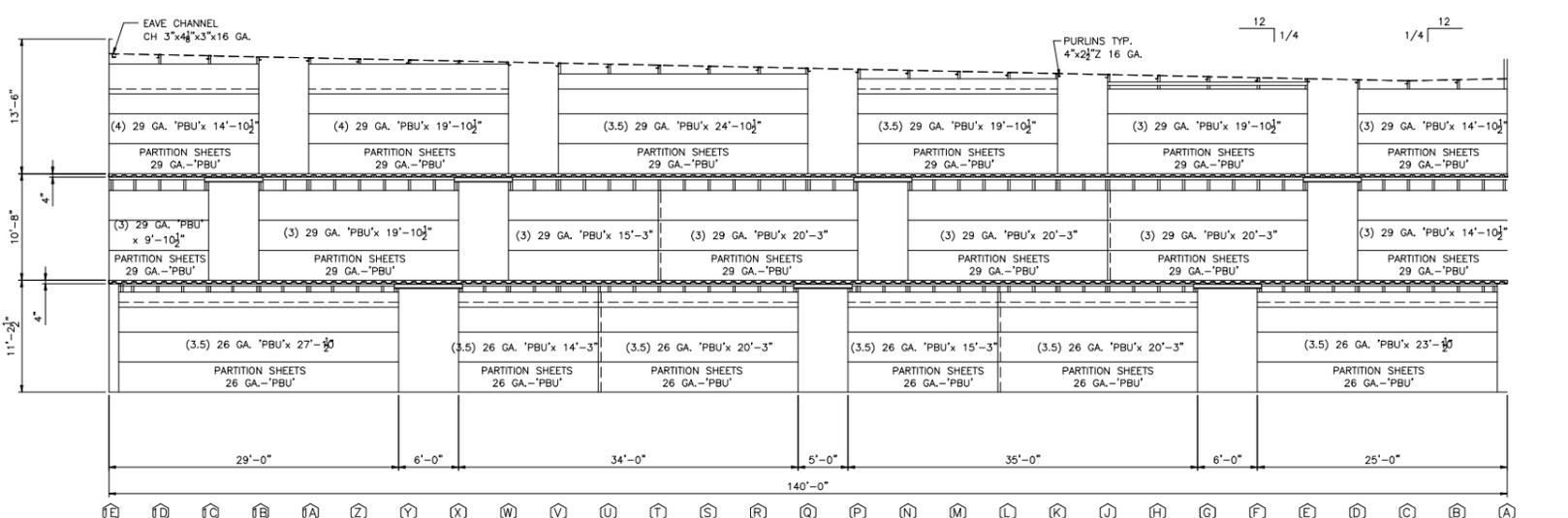
AVID BUILDING SYSTEMS
P.O. BOX 3879 ROUND ROCK, TEXAS 78663-3879
1-877-856-2843 1-512-491-9255 1-512-491-9593 FAX

DESCRIPTION	
END WALL ELEVATIONS	
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CROSS SECTION @ COLUMN LINES 8-20
BUILDING 1 - SCALE: 1/8" = 1'-0"



PARTITION ELEVATION @ COLUMN LINES 8-20
BUILDING 1 - SCALE: 1/8" = 1'-0"

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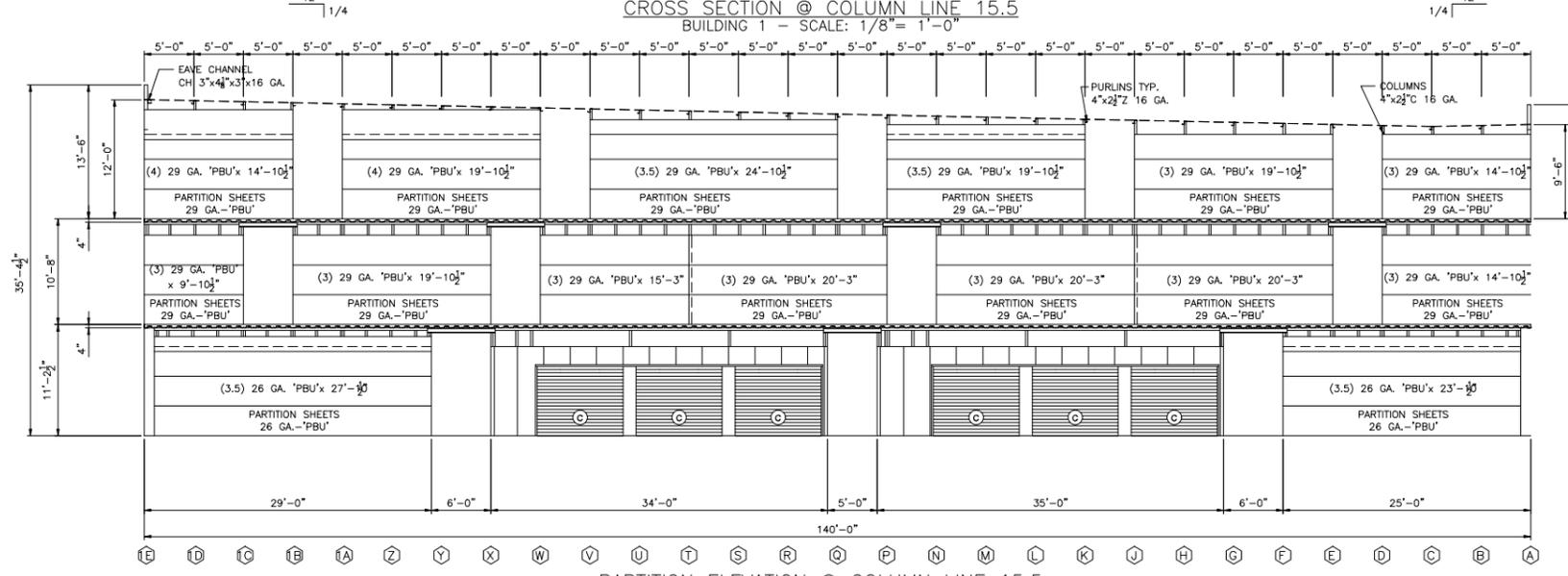
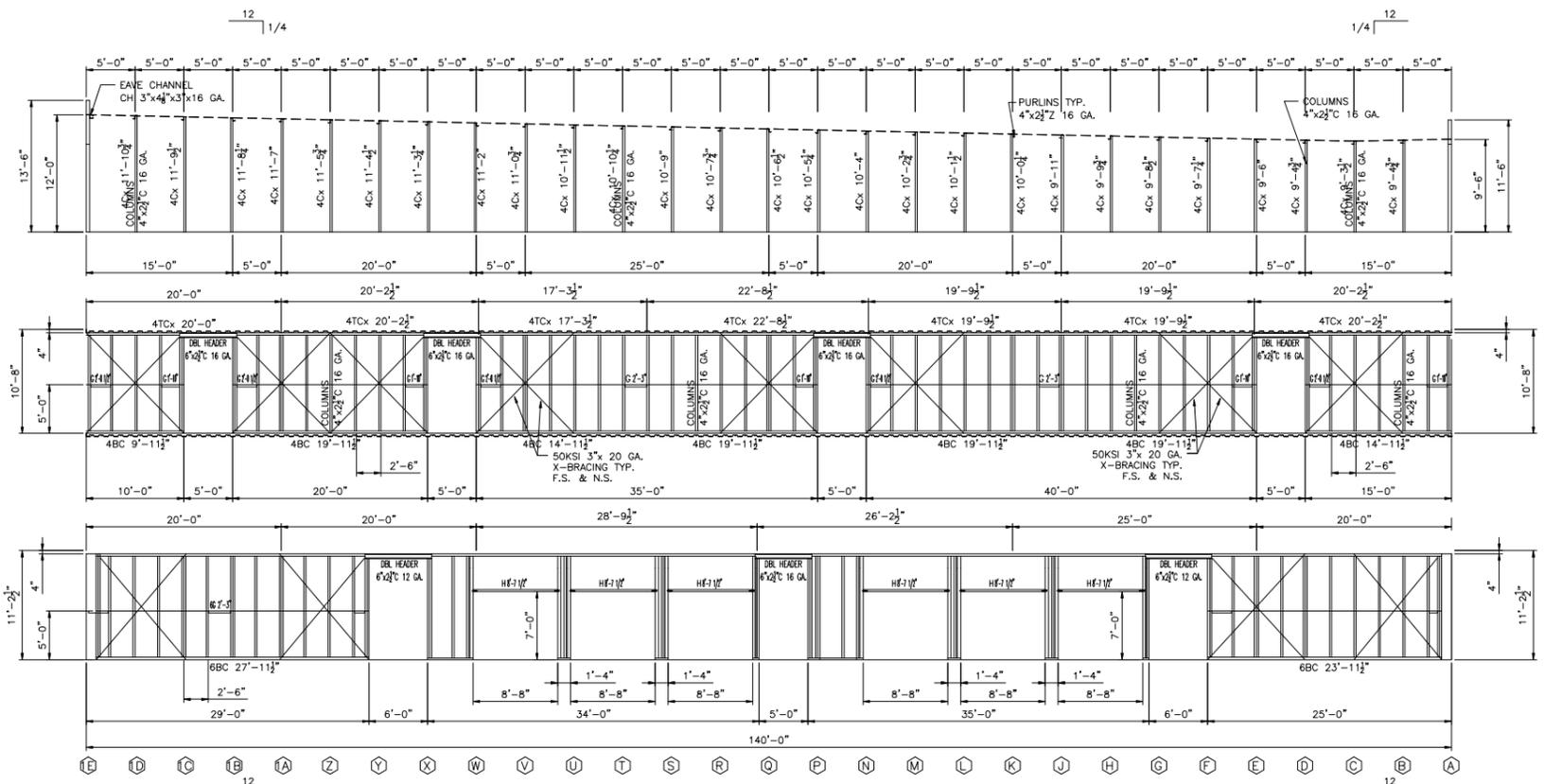
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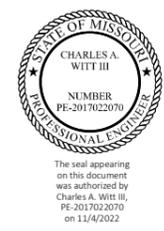


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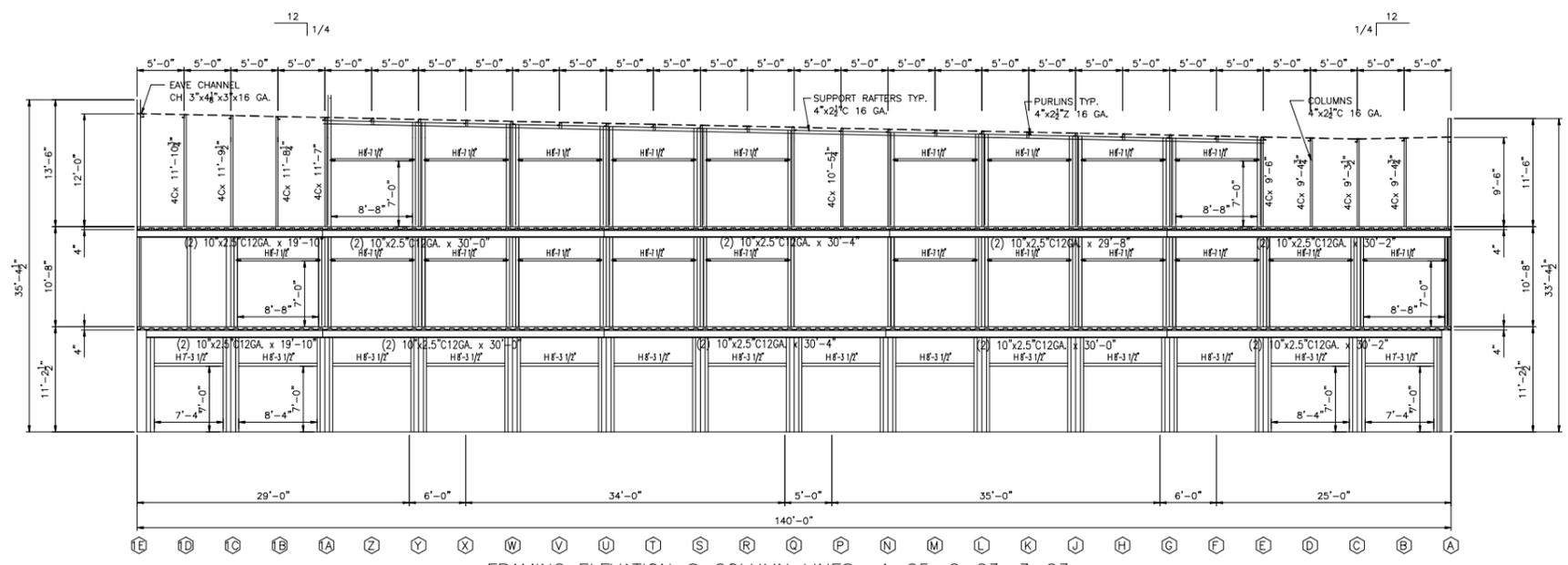


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CROSS SECTIONS
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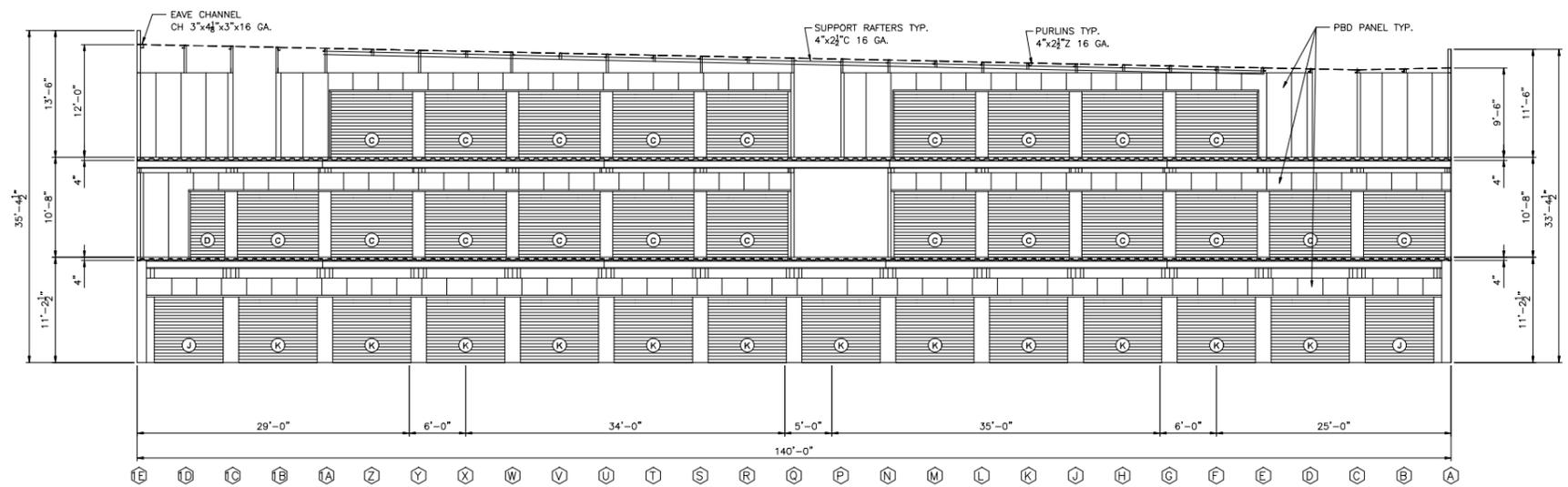


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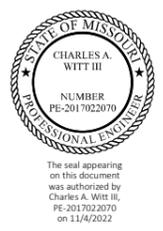
FRAMING ELEVATION @ COLUMN LINES 1-25, 2-23, 3-23
 BUILDING 1 - SCALE: 1/8" = 1'-0"
 ALL OVER HEAD DOORS AND ROLL UP DOORS,
 BY OTHERS. SHOWN FOR CLARITY ONLY.



PARTITION ELEVATION @ COLUMN LINES 1-25, 2-23, 3-23
 BUILDING 1 - SCALE: 1/8" = 1'-0"
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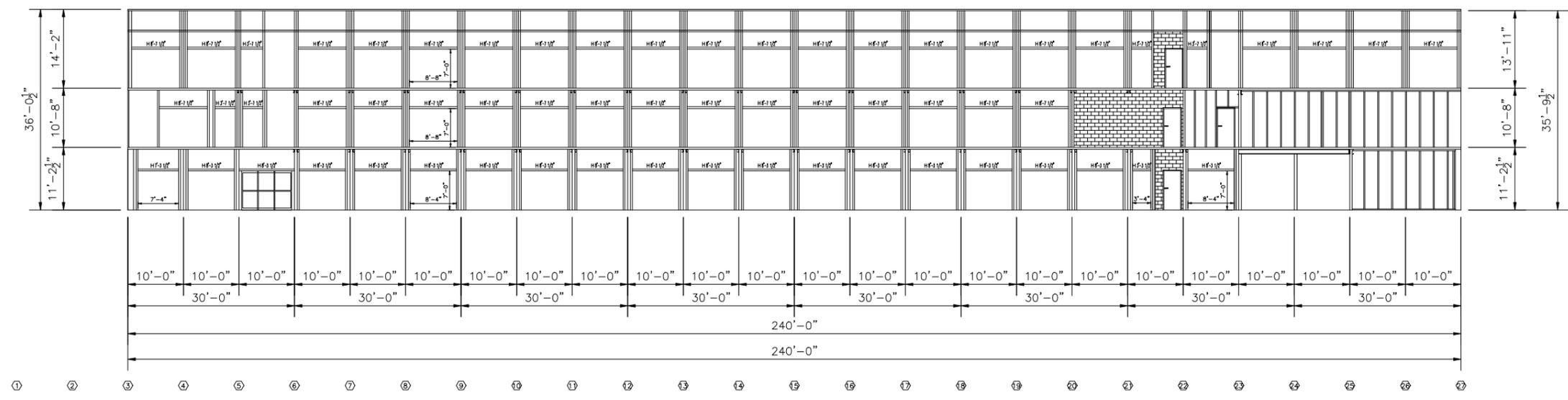
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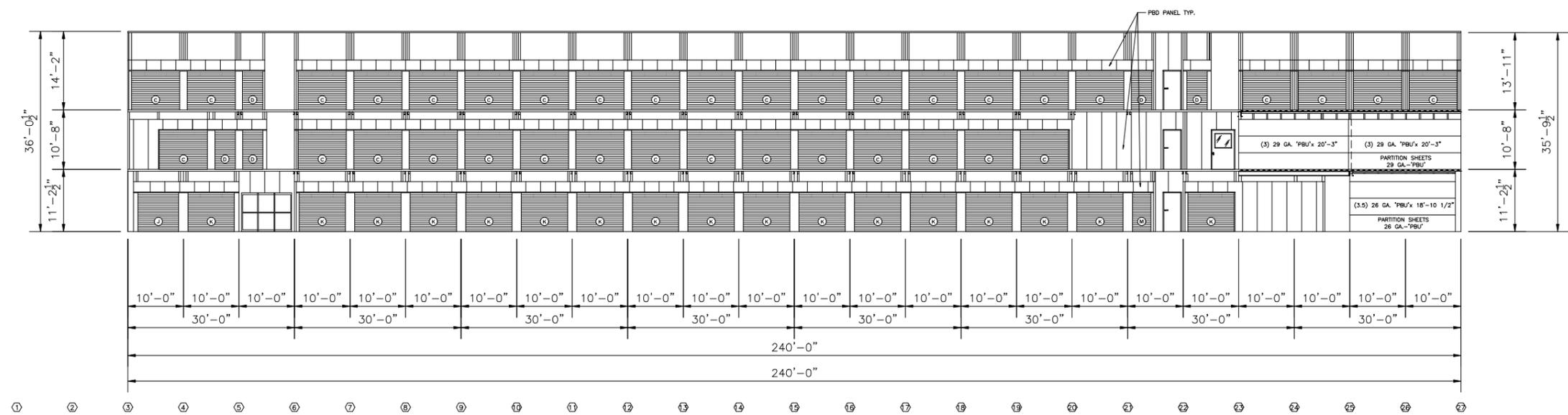
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CROSS SECTION @ COLUMN LINES 1st-Y, 2nd-1C, 3rd-1B
BUILDING 1 - SCALE: 3/32" = 1'-0"



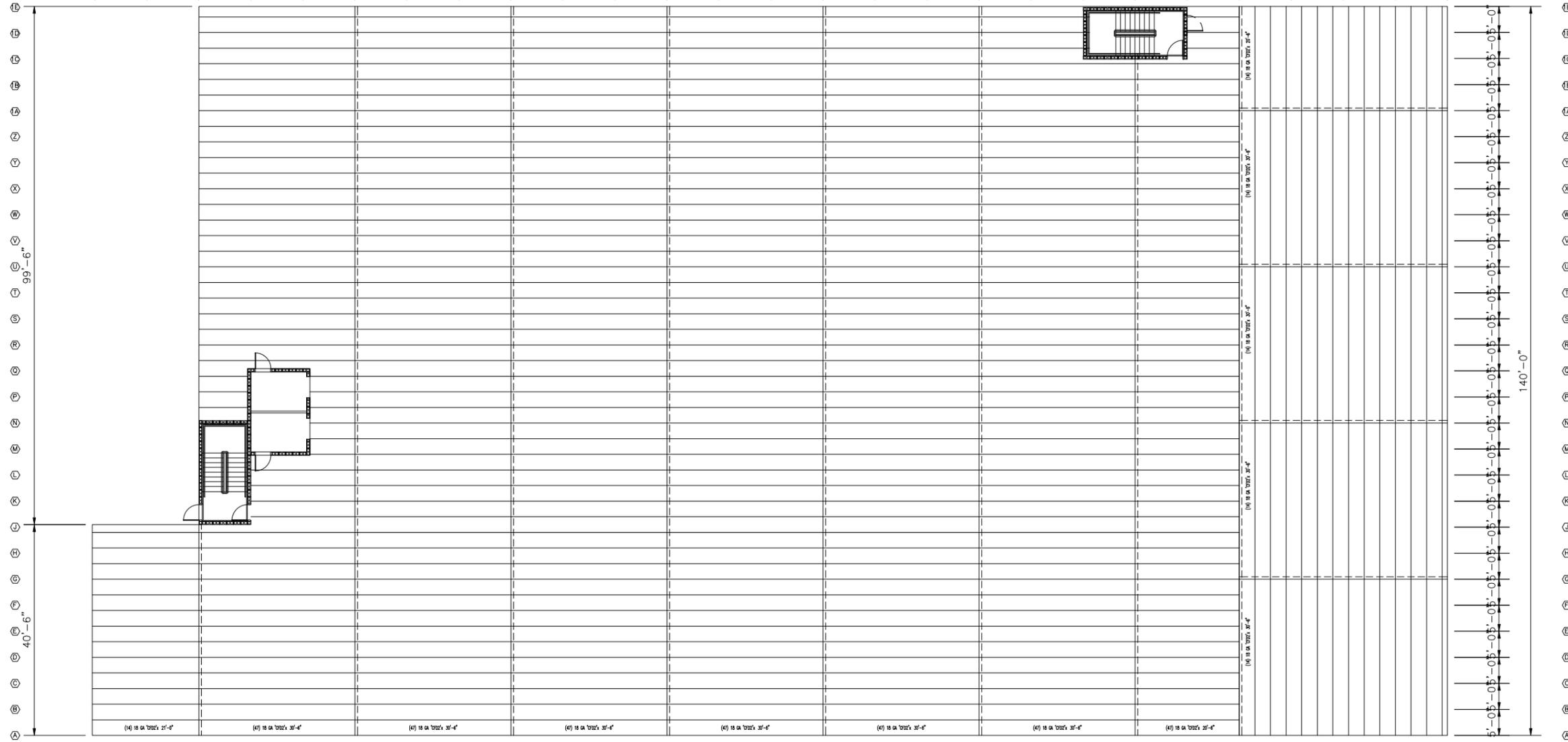
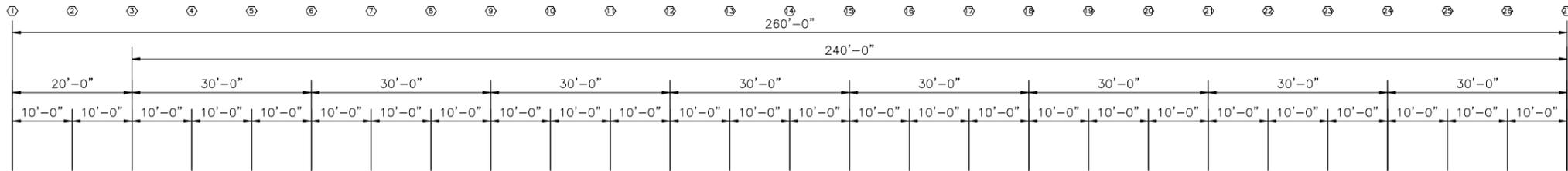
LONGITUDE PARTITION @ COLUMN LINES 1st-Y, 2nd-1C, 3rd-1B
BUILDING 1 - SCALE: 3/32" = 1'-0"
ALL OVER HEAD DOORS AND ROLL UP DOORS,
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3rd FLOOR DECK SHEET PLAN
BUILDING 1 - SCALE: 3/32" = 1'-0"



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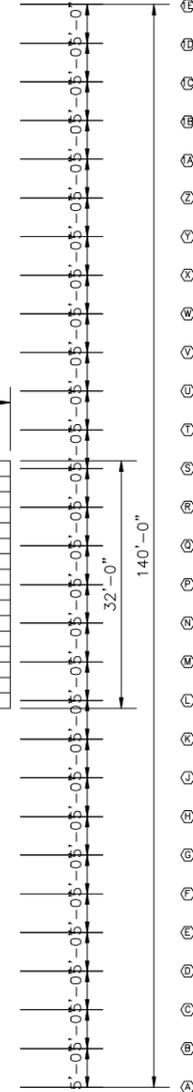
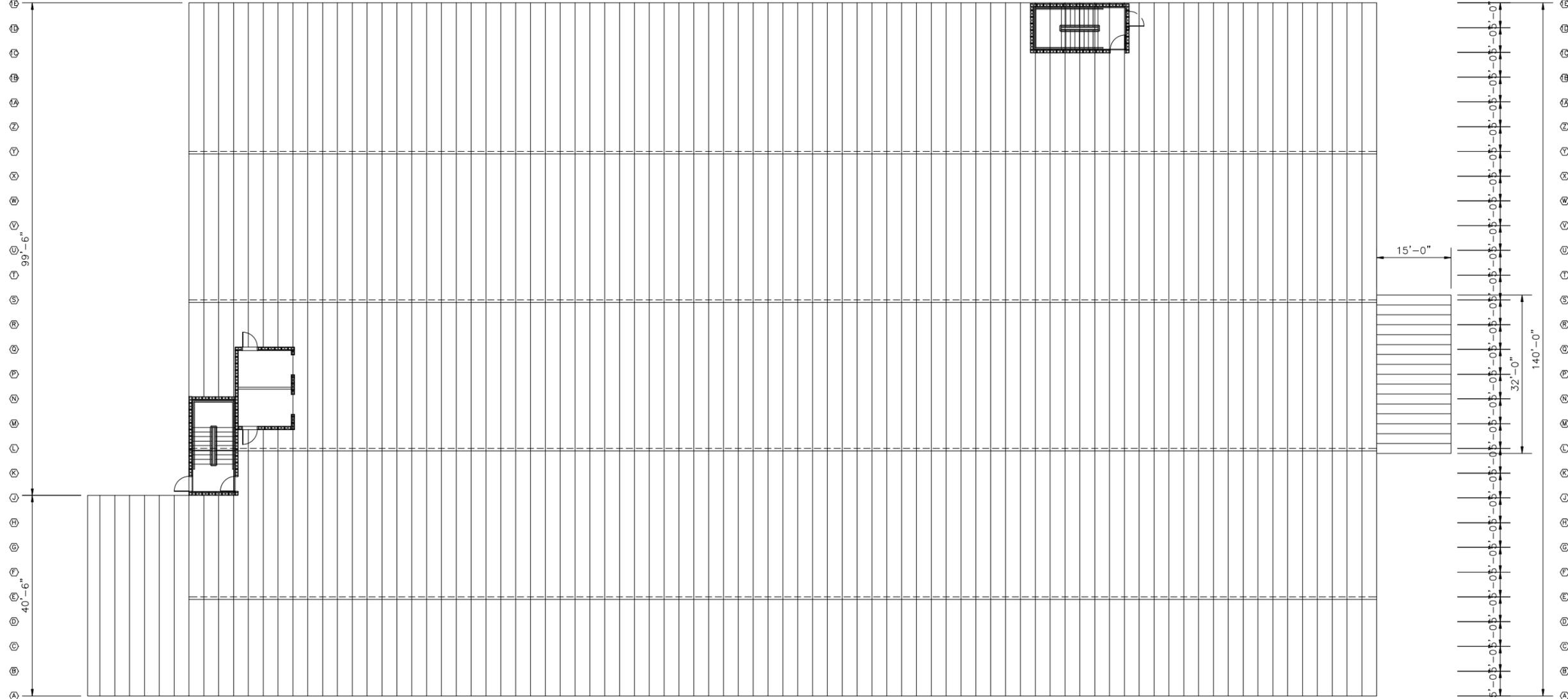
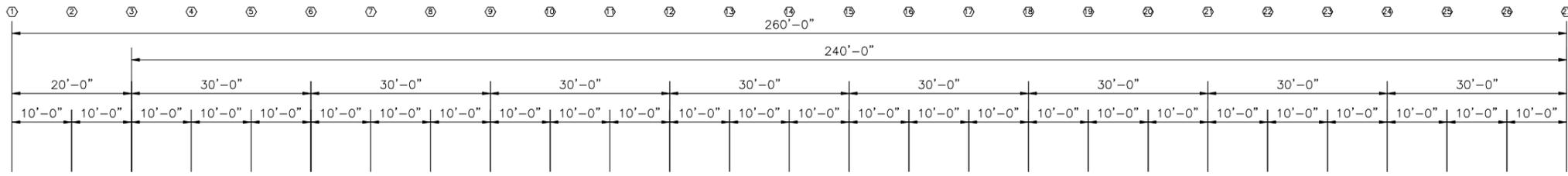
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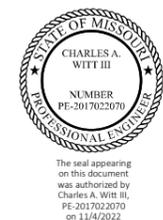
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DESCRIPTION
3rd FLOOR DECK SHEET PLAN
DWG BY JTS
CHECKED BY
JOB NO. 80861
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TPO ROOF DECK SHEETING PLAN
BUILDING 1 - SCALE: 3/32" = 1'-0"



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DESCRIPTION	
ROOF TPO DECK SHEET PLAN	
DWG BY	JTS
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Date	8-12-2022
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SHEET	
A-10	
OF	SHEETS