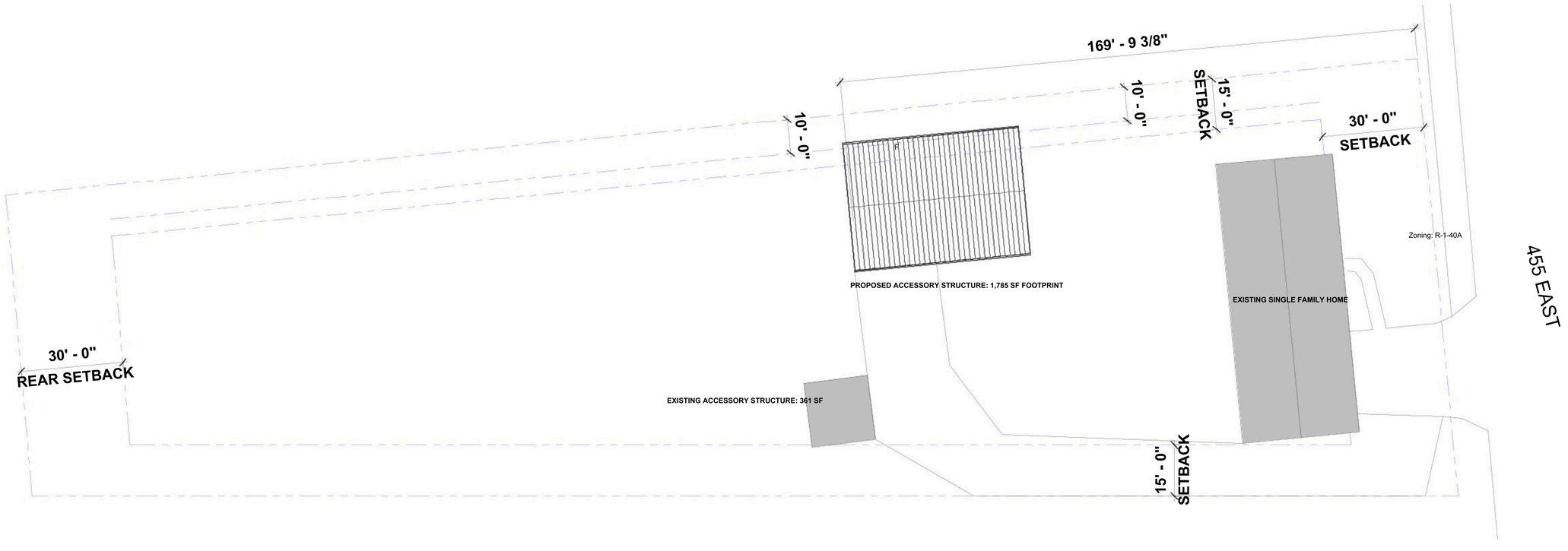
GENERAL NOTES -SITE

1. GENERAL CONTRACTOR TO COORDINATE WITH LANDSCAPE, AND CIVIL DRAWINGS, AND SPECIFICATIONS.
2. DUST, MUD & EROSION SHALL BE CONTROLLED BY WHATEVER MEANS NECESSARY AND THE ROADWAY SHALL BE KEPT FREE OF MUD AND DEBRIS AT ALL TIMES.
3. NEW CURB & GUTTER OR REPLACEMENT OF EXISTING DAMAGED CURB & GUTTER ALLONG THE FRONTAGE OF THIS PROJECT SHALL BE IN ACCORDANCE WITH CITY STANDARDS.
4. CONTRACTOR SHALL SECURE AN EXCAVATION PERMIT FROM CITY PUBLIC WORKS DEPARTMENT PRIOR TO DOING ANY WORK IN THE CITY RIGHT-OF-WAY.
5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND NOTIFY OWNER OF SIGNIFICANT VARIATIONS THAT MAY EFFECT CONSTRUCTION AS DELINEATED IN THE CONSTRUCTION DOCUMENTS.
6. CONTRACTOR SHALL BE RESPONSIBLE TO APPLY FOR AND OBTAIN ALL REQUIRED BUILDING PERMITS PRIOR TO COMMENCING WORK ON THE SIDE. PERMITS SHALL INCLUDE SITE DISTURBANCE AND EXCAVATION PERMIT, UTILITY AND NEW CONSTRUCTION PERMITS.
7. CONTRACTOR SHALL TIE INTO EXISTING UTILITY STUB-INS AND EXTEND UTILITIES AS NECESSARY TO SERVICE ALL NEW CONSTRUCTION. SUCH SERVICES SHALL INCLUDE WATER, SEWER, ELECTRICAL, TELEPHONE, AND GAS LINES. WHERE SUCH WORKS REQUIRED IN THE PUBLIC WAY SHALL BE ACCORDING TO LOCAL CITY REQUIREMENTS.
8. PROPOSED WATER SERVICE CONNECTIONS TO THE MAIN SHALL BE INSTALLED PER CITY ORDINANCES.
9. PROPOSED SANITARY SEWER LATERAL CONNECTION PER CITY STANDARDS OR APWA PLAN NO. 431.
10. CONTRACTOR SHALL MAINTAIN THE WORK SITE IN A CLEAN AND ORDERLY CONDITION AT ALL TIMES. HE/SHE SHALL PROVIDE AND MAINTAIN AN ON-SITE REFUSE CONTAINER TO BE USED FOR THE DISPOSAL OF CONSTRUCTION DEBRIS. REFUSE CONTAINER SHALL BE EMPTIED AS NECESSARY AND/OR COVERED TO PREVENT DEBRIS FROM BEING DISTRIBUTED BY WINDS, ETC. CONTRACTOR SHALL MAINTAIN ROADWAYS UTILIZED TO ACCESS THE SITE IN A CLEAN CONDITION AT ALL TIMES. MUD, ROCKS AND OTHER DEBRIS DEPOSITED ON THE ROADWAYS DUE TO TRUCK OR OTHER TRAFFIC TO AND FROM THE SITE SHALL BE IMMEDIATELY REMOVED BY BROOMING OR WASHING AS MAY BE NECESSARY.
11. ALL ROADWAY WORK (DRIVEWAY, ASPHALT TIE-IN, SIDEWALK, ETC.) SHALL MEET CITY STANDARDS OR 2012 APWA STANDARD PLANS AND SPECIFICATIONS.
12. PRIOR TO BEGINNING ANY WORK IN THE PUBLIC WAY, A LICENSED, BONDED AND INSURED CONTRACTOR MUST FIRST OBTAIN A PUBLIC WAY PERMIT FROM THE ENGINEERING PERMITS OFFICE, AND MAY REQUIRE A TRAFFIC CONTROL PERMIT FROM LOCAL TRANSPORTATION.
13. WATER AND SEWER LINES REQUIRE 10 FEET MINIMUM HORIZONTAL SEPARATION AND 18 MINIMUM VERTICAL SEPARATION. SEWER MUST MAINTAIN 5 FEET MINIMUM HORIZONTAL SEPARATION AND 12 VERTICAL SEPARATION FROM ANY NON-WATER UTILITIES. WATER MUST MAINTAIN 3 FEET MINIMUM HORIZONTAL SEPARATION AND 12 VERTICAL SEPARATION FROM ANY NONSEWER UTILITIES.



A1 SITE
scale: 1/16" = 1'-0"

0 4' 8' 16' 24'

N 0°

HYPERION ARCHITECTS

STATE OF UTAH
CLAYTON ENGLAND
No. 13346352-0601
REGISTERED ARCHITECT

LAMB

1234 TEST ADDRESS AVE.
SOMEWHERE, UTAH, 80400

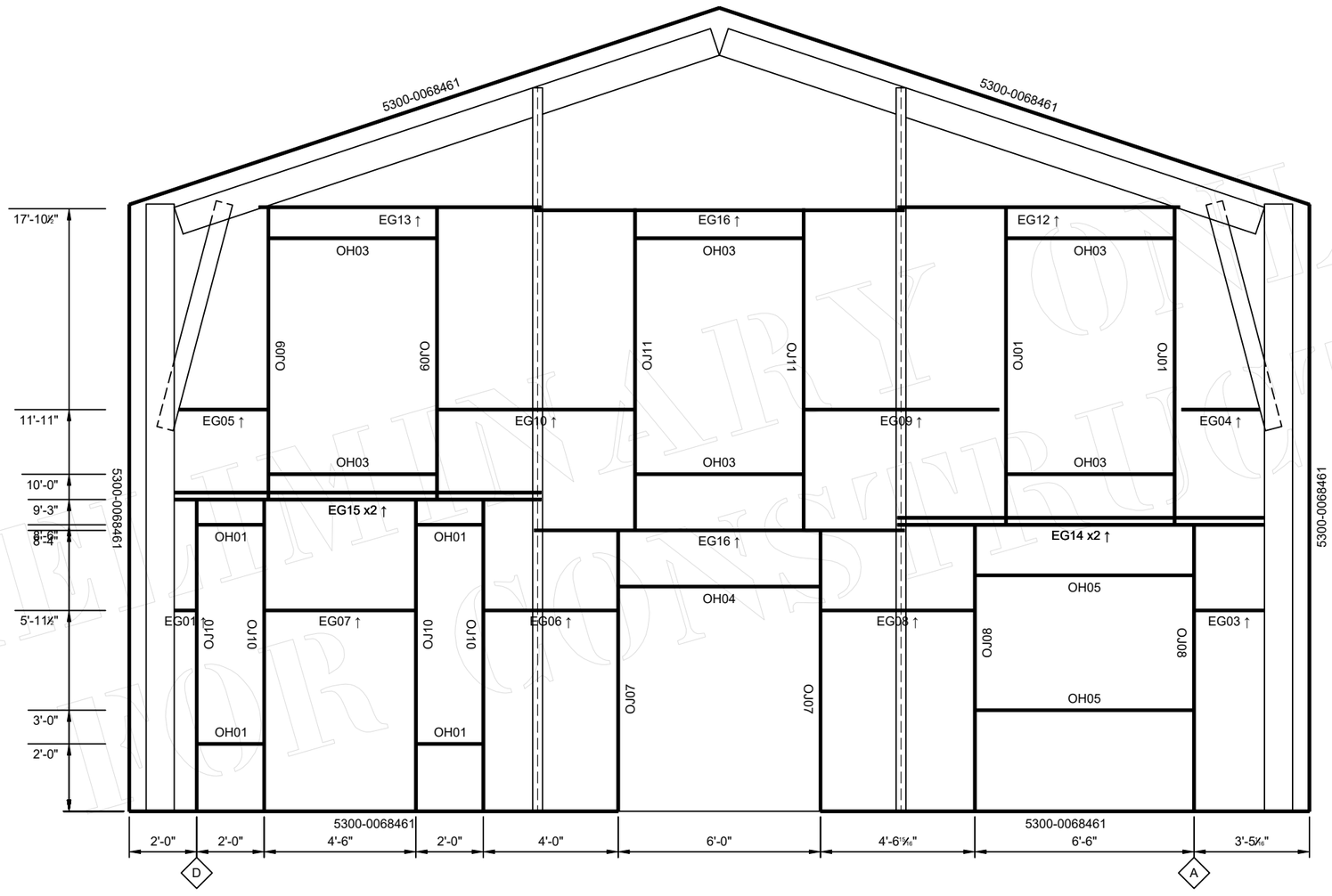
project#: Project Number
date: Jan. 2025
revisions :

title:
SITE AND STAGING PLAN

sheet:
A001

Preliminary Plans

MEMBER TABLE		
Mark	Product	Length
5300-0068461	2in x 4in Angle	Stock Length
EG01	4" x 16ga. ZEE	8"
EG03	4" x 16ga. ZEE	2' - 1 1/16"
EG04	4" x 16ga. ZEE	2' - 3 7/8"
EG05	4" x 16ga. ZEE	2' - 7 7/8"
EG06	4" x 16ga. ZEE	4' - 0"
EG07	4" x 16ga. ZEE	4' - 6"
EG08	4" x 16ga. ZEE	4' - 6 15/16"
EG09	4" x 16ga. ZEE	5' - 9 1/2"
EG10	4" x 16ga. ZEE	5' - 10 1/2"
EG12	4" x 16ga. ZEE	8' - 4 1/2"
EG13	4" x 16ga. ZEE	8' - 4 1/2"
EG14	4" x 16ga. ZEE	10' - 10 9/16"
EG15	4" x 16ga. ZEE	10' - 10 9/16"
EG16	4" x 16ga. ZEE	10' - 11 13/16"
OH01	4" x 16ga. CEE	2' - 0"
OH03	4" x 16ga. CEE	5' - 0"
OH04	4" x 16ga. CEE	6' - 0"
OH05	4" x 16ga. CEE	6' - 6"
OJ01	4" x 16ga. CEE	9' - 4 1/2"
OJ07	4in x 2in 16G Channel	8' - 4"
OJ08	4in x 2in 16G Channel	8' - 6"
OJ09	4in x 2in 16G Channel	8' - 7 1/2"
OJ10	4in x 2in 16G Channel	9' - 3"
OJ11	4in x 2in 16G Channel	9' - 6 1/2"
↑ OUTSIDE FLANGE OF GIRT POINTS UP		
↓ OUTSIDE FLANGE OF GIRT POINTS DOWN		



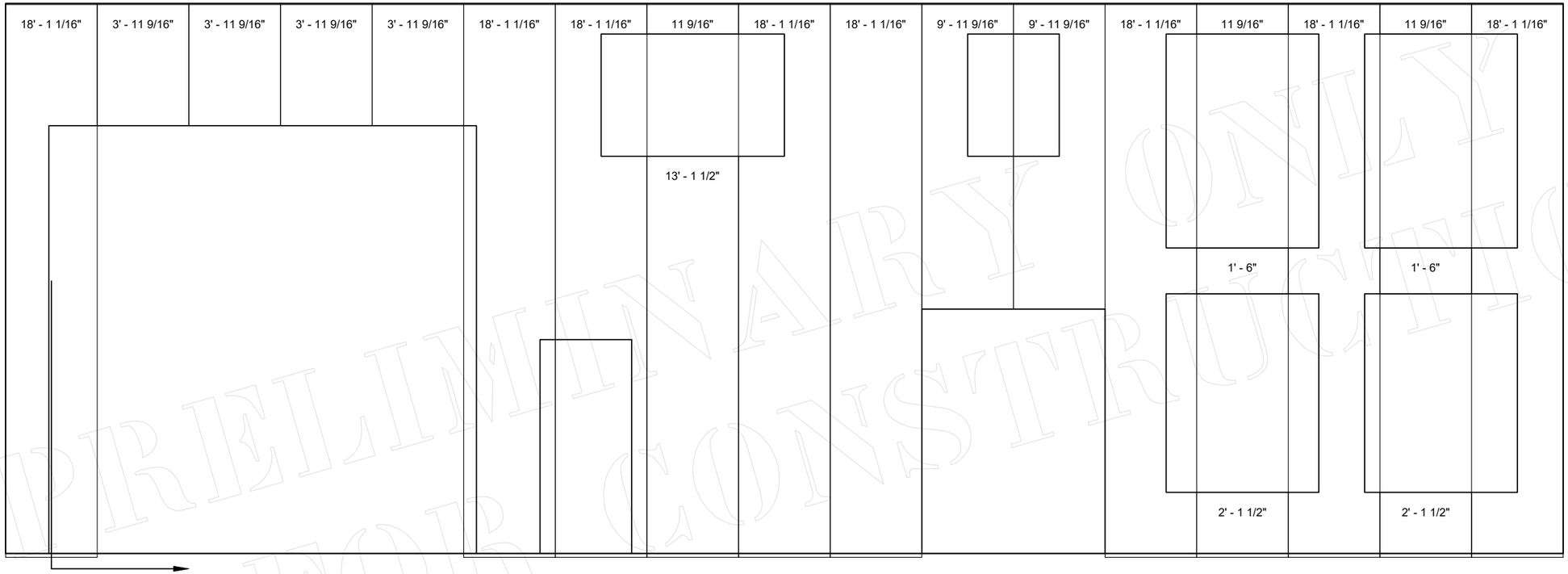
1/13 Endwall A Girt Layout

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

Frame Line 1

This illustration is for reference only, and is to be used to supplement the engineering drawings. If any discrepancies occur, the engineering plans will always take precedence.

Girt Layout	STAR BUILDING SYSTEMS® Part of the Cornerstone Building Brands Family	JOBNO VDOD99011903 SHEET 13 of 22	DATE 3/4/2025 SCALE 1/4" = 1'-0"



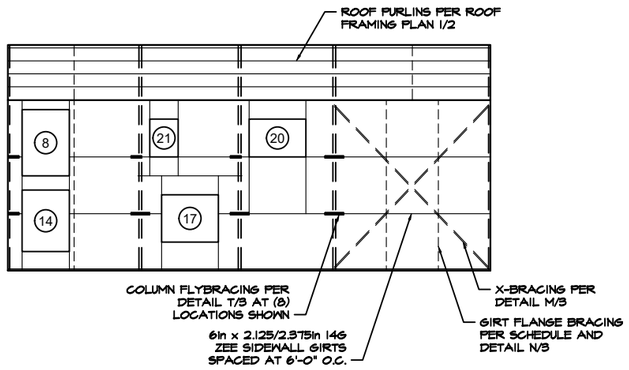
1/18 Sidewall B Sheeting Layout

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

Frame Line D

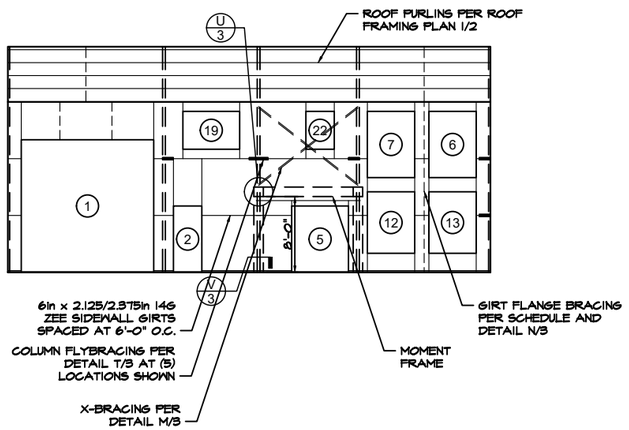
This illustration is for reference only, and is to be used to supplement the engineering drawings. If any discrepancies occur, the engineering plans will always take precedence.

Sheeting Layout	STAR BUILDING SYSTEMS	JOBNO VDOD99011903 SHEET 18 of 22	DATE 3/4/2025 SCALE 1/4" = 1'-0"	ACT



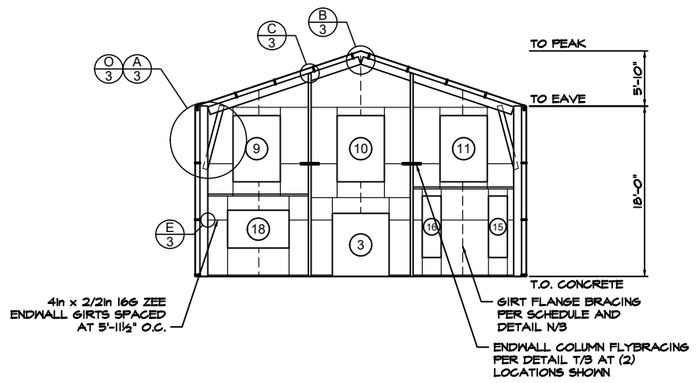
2/1 **SIDEWALL 'A' EXTERIOR ELEVATION**

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



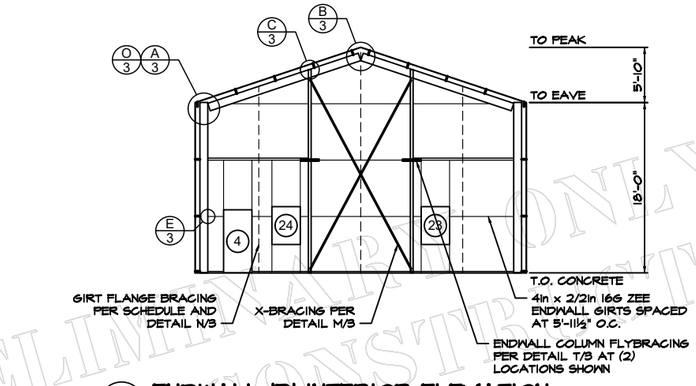
3/1 **SIDEWALL 'B' EXTERIOR ELEVATION**

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



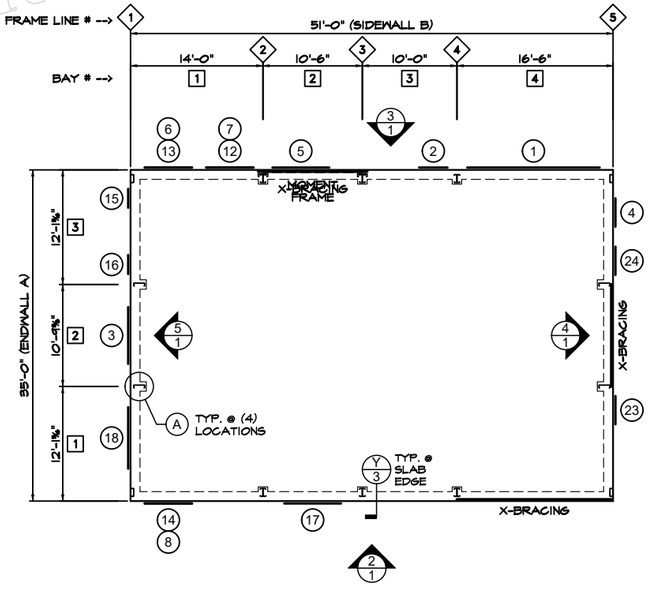
5/1 **ENDWALL 'A' INTERIOR ELEVATION**

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



4/1 **ENDWALL 'B' INTERIOR ELEVATION**

SCALE: 1/8" = 1'-0" FRAME #5



1/1 **FOUNDATION PLAN**

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

NOTE: USE ½" X 5" DEWALT 'SCREW-BOLT+' ANCHOR IN 5½" DEEP HOLES AT ANCHOR LOCATIONS PER BASE DETAIL F/3, INSTALLED PER ICC REPORT ESR-3884, SECTION 4.3.

NOTE: SEE "TYP. FRAME CROSS-SECTION" DETAIL ON SHEET 3 FOR SPECIFIC FRAME DETAIL INFORMATION.

NOTE: EXCEPT AT DOOR OPENINGS, INSTALL L4x2x16G ANGLE TO FOUNDATION (FOR ATTACHMENT OF BOTTOM OF WALL SIDING) WITH 1/4in X 1 1/4in NAIL DRIVE MASONRY ANCHOR ANCHORS AT 48" O.C. (6" MAX. FROM ANY END).

WALL OPENING SCHEDULE

DOOR	WIDTH	HEIGHT	OPENING TYPE	HEADER GIRT	OPENING JAMBS
1	14'-0"	14'-0"	ROLL UP DOOR	SEE NOTE #4	C6X3.5 X12
2	3'-0"	7'-0"	PERSONNEL DOOR	SINGLE	CHN6X 2X14
3	6'-0"	6'-8"	PERSONNEL DOOR	SINGLE	CHN4X 2X16
4	3'-0"	6'-8"	PERSONNEL DOOR	DOUBLE	C4X2.5 X16
5	6'-0"	7'-0"	WINDOW	SINGLE	CHN6X 2X14
6 - 7	5'-0"	7'-0"	WINDOW	SEE NOTE #4	C6X3.5 X16
8	5'-0"	7'-0"	WINDOW	SEE NOTE #4	C6X3.5 X14
9	5'-0"	7'-0"	WINDOW	SINGLE	C4X2.5 X16
10-11	5'-0"	7'-0"	WINDOW	SINGLE	CHN4X 2X16
12-13	5'-0"	6'-6"	WINDOW	SEE NOTE #4	C6X3.5 X16
14	5'-0"	6'-6"	WINDOW	SEE NOTE #4	C6X3.5 X14
15-16	2'-0"	6'-6"	WINDOW	DOUBLE	CHN4X 2X16
17	6'-0"	5'-0"	WINDOW	SINGLE	CHN6X 2X14
18	6'-6"	4'-0"	WINDOW	DOUBLE	CHN4X 2X16
19-20	6'-0"	4'-0"	WINDOW	SEE NOTE #4	CHN6X 2X14
21-22	3'-0"	4'-0"	WINDOW	SEE NOTE #4	CHN6X 2X14
23	3'-0"	4'-0"	WINDOW	DOUBLE	C4X2.5 X16
24	3'-0"	4'-0"	WINDOW	DOUBLE	CHN4X 2X16

NOTES:
1) JAMB MEMBERS SHOWN AS "CHN" ARE CHANNEL MEMBERS (WITHOUT STIFFENER LIPS) AND THOSE SHOWN AS "C" ARE CEE MEMBERS. FIRST NUMBER IS WEB DEPTH IN INCHES, SECOND NUMBER IS FLANGE WIDTH IN INCHES, AND THIRD NUMBER IS MATERIAL THICKNESS (GAUGE).
2) SEE DETAILS J/3 AND K/3 FOR OPENING FRAMING INFORMATION.
3) SIZE OF HEADER GIRT MEMBER TO BE SAME AS SIDEWALL OR ENDWALL GIRT, AS APPROPRIATE, PER ELEVATIONS. AT WINDOWS, INSTALL HEADER GIRT SPECIFIED ABOVE AND BELOW WINDOWS, U.N.O.
4) AT OPENINGS NOTED, INSTEAD OF ATTACHING DOOR JAMBS TO HEADER GIRT PER DETAIL L1/3 ATTACH DOOR JAMBS TO UNDERSIDE OF EAVE PURLIN PER DETAIL L2/3.
5) ALL OPENINGS AND ACCESSORIES SHALL BE CAPABLE OF SUPPORTING ALL WIND PRESSURES PERPENDICULAR TO THE SURFACE (GENERATED BY WINDS AT THE SPEED AND EXPOSURE INDICATED ABOVE) BY SPANNING BETWEEN THE JAMBS.

IMPORTANT: IN ADDITION TO THESE PLANS (WHICH ALWAYS TAKE PRECEDENCE), YOU SHOULD HAVE THE FOLLOWING FROM ACT BUILDING SYSTEMS:

- **CONSTRUCTION PACKAGE**
- **INSTALLATION MANUALS**
- **CONSTRUCTION VIDEOS**

PLEASE CONTACT YOUR SALES REP IF YOU HAVE NOT RECEIVED THESE PRIOR TO STARTING CONSTRUCTION.

PROJECT DESIGN CRITERIA

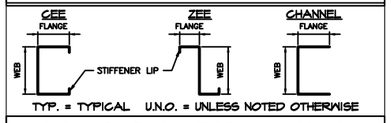
GOVERNING CODE: IBC 2021
RISK CATEGORY: II
ROOF DEAD LOAD: 3 psf
ROOF COLLATERAL LOAD: 2 psf
GROUND SNOW LOAD: 33 psf Ct = 1.0
ROOF SNOW LOAD: 23.1 psf
ROOF LIVE LOAD: 20 psf (REDUCIBLE)
WIND ENCLOSURE: ENCLOSED
WIND SPEED: 115 mph
WIND EXPOSURE: C
Ss: 1.397 Sds: 1.118
S1: 0.504 Sd1: 0.603
SEISMIC DESIGN CATEGORY: D
R transverse: 3.0 R longitudinal: 3.0
SOIL BEARING PRESSURE: 1500 psf

WIND DESIGN OF LATERAL FORCE-RESISTING SYSTEMS IS BASED ON THE DIRECTIONAL DESIGN PROCEDURE OF ASCE 7-16, CHAPTER 27

SEISMIC DESIGN OF LATERAL FORCE-RESISTING SYSTEMS ARE AS FOLLOWS:
-- TRANSVERSE: ORDINARY STEEL MOMENT FRAME (SEISMIC DESIGN IS BASED ON ASCE 07-16, SECTIONS 12.1 - 12.13)
-- LONGITUDINAL: ORDINARY STEEL BRACED FRAME. (SEISMIC DESIGN IS PERFORMED USING THE SIMPLIFIED DESIGN PROCEDURE (ASCE 07-16, SECTION 12.14).

DESIGN BASE SHEAR: IS SHOWN ON CALCULATION SHEET M2.

COMPONENT DIAGRAM



TYP. = TYPICAL U.N.O. = UNLESS NOTED OTHERWISE

FOUNDATION DETAIL KEYS

(A) ENDWALL COLUMN (SEE DETAIL C/3 FOR TOP CONNECTION AND G1/3 FOR BASE CONNECTION)

DEFLECTION LIMITS

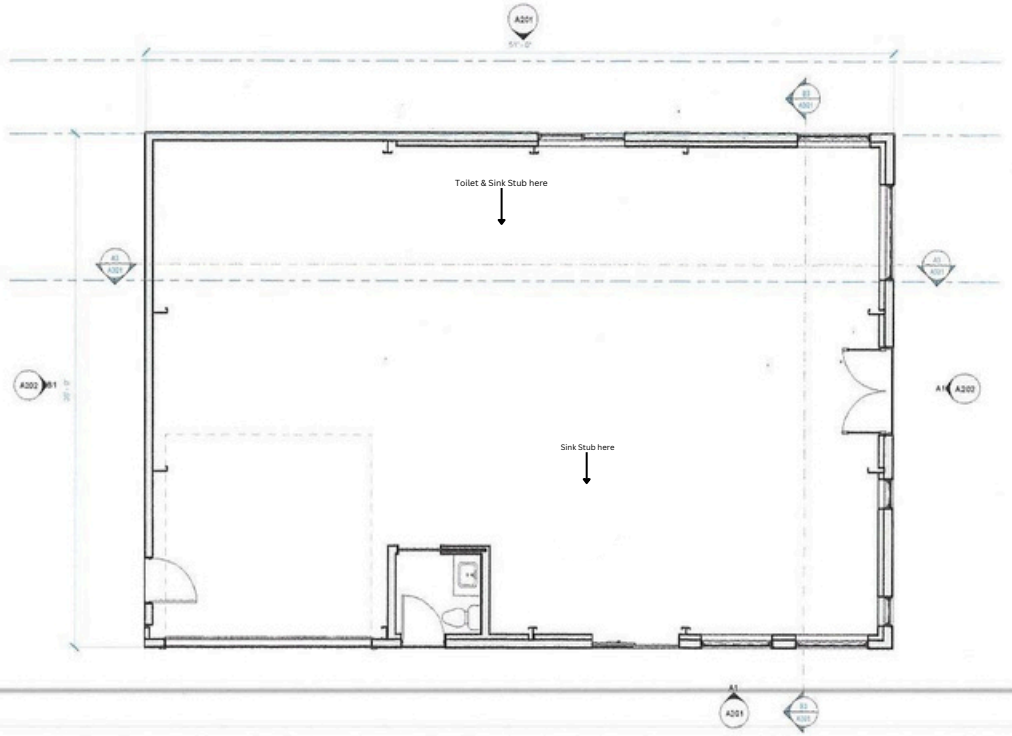
PURLINS:	L/150 (STD)
GIRTS:	L/90 (STD)
EW WIND COLUMNS:	L/120 (STD)
WALL PANEL:	L/60 (STD)

PRELIMINARY
ONLY NOT FOR
CONSTRUCTION

ACTBUILDING SYSTEMS®

DISTRIBUTOR: Mason Steel Buildings Corp
JOB NAME: Christopher Lamb
JOB ADDRESS: 10746 S 455 E Sandy, UT 84070

DRAWN
CHECKED
DATE 2/13/2025
JOB NO. VDOD99011903
SHEET 1 OF 2



A1 MAIN LEVEL PLUMBING
scale: 1/4" = 1'-0"

HYPERION ARCHITECTS

CLAYTON ENGLAND

LAMB

1234 TEST ADDRESS AVE.
SOMEWHERE, UTAH, 80400

project: Project Number
date: Jan. 2025
revisions :

title:
MAIN FLOOR PLUMBING

sheet:
A106

Preliminary Plans