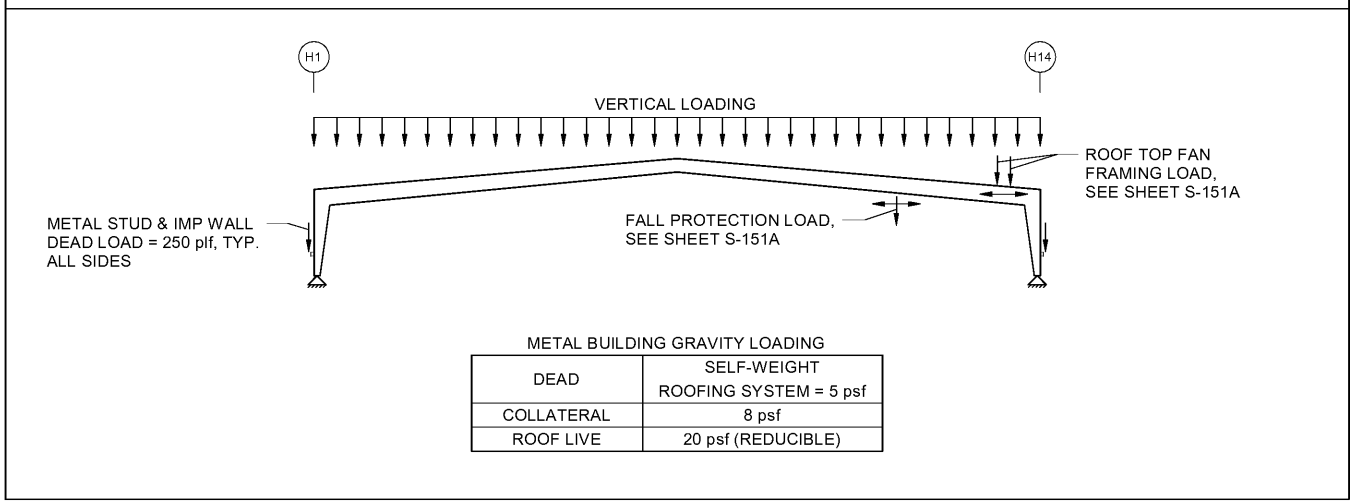


MINIMUM REQUIRED METAL BUILDING LOADING



METAL BUILDING DESIGN NOTES:

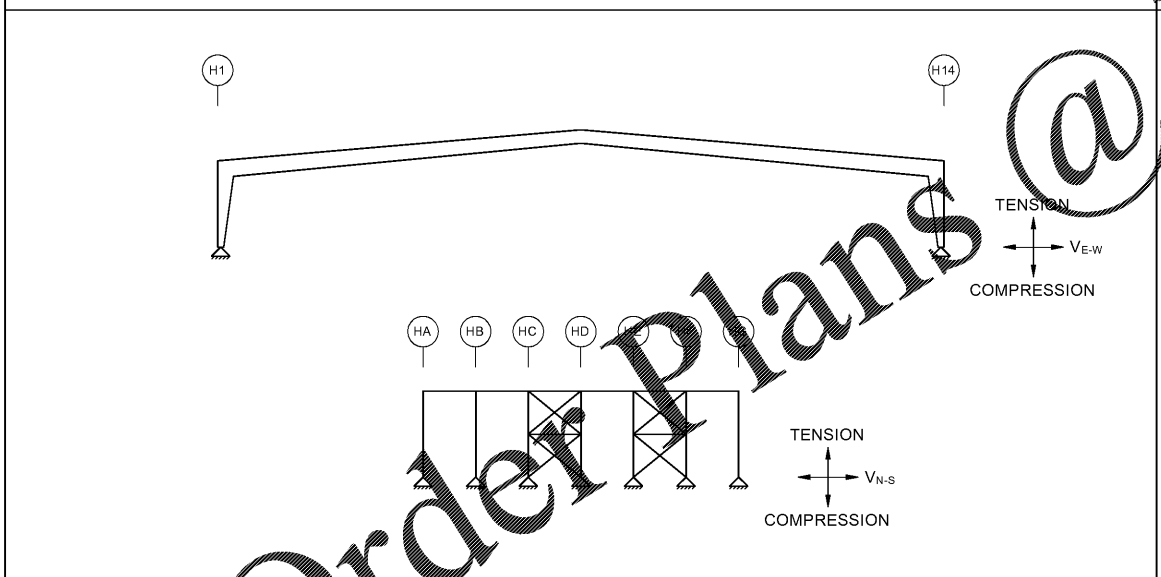
1. SEE NOTE K ON SHEET S-003 FOR MORE INFORMATION ON THE METAL BUILDING DESIGN CRITERIA.
2. THE METAL BUILDING FOUNDATIONS HAVE BEEN DESIGNED FOR THE MAXIMUM COLUMN LOADS SHOWN ON THIS SHEET. IF THE BUILDING SYSTEM PROVIDED HAS GREATER COLUMN LOADS, THE CONTRACTOR SHALL CONTACT THE ARCHITECT BEFORE PROCEEDING WITH ANY CONSTRUCTION ACTIVITIES.
3. THE CONTRACTOR SHALL COORDINATE THE FOUNDATION DESIGN REACTIONS INDICATED WITH THE REACTIONS DEVELOPED BY THE METAL BUILDING SUPPLIER BEFORE THE PROCUREMENT OF ANY MATERIAL AND THE DEVELOPMENT OF ANY SHOP DRAWINGS AND SUBMITTALS.
4. SEE NOTE A.10 ON SHEET S-001 FOR ADDITIONAL LOADING CRITERIA.
5. COLLATERAL LOADS SHALL NOT BE USED WITH FOLLOWING LOAD COMBINATIONS:

A ASD: 0.6D+0.6W & 0.6D+0.7E
 B LRFD: 0.9D + W & 0.9D+E

ALL VALUES ARE ALLOWABLE STRESS DESIGN (ASD) REACTIONS.

METAL BUILDING FOUNDATION DESIGN REACTIONS

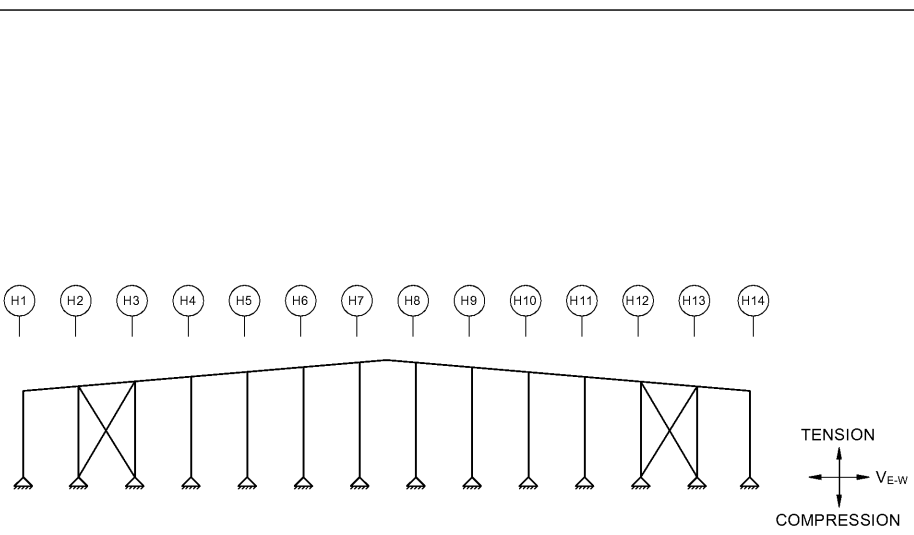
RIGID FRAMES



DESIGN BASE REACTIONS

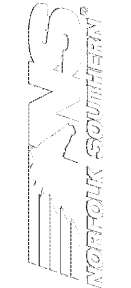
	GIRD-LINE	COLUMN	COMPRESSION	TENSION (UPLIFT)	SHEAR (NORTH-SOUTH)	SHEAR (EAST-WEST)
INTERIOR BAY	H1 & H14	HB	60 K	60 K	Ø	68 K
BRACED BAYS	H1 & H14	HC, HD, HE, & HF	60 K	60 K	18 K	68 K
END BAY	H1 & H14	HG	33 K	40 K	Ø	42 K

END WALL COLUMNS



DESIGN BASE REACTIONS

	GIRD-LINE	COLUMN	COMPRESSION	TENSION (UPLIFT)	SHEAR (NORTH-SOUTH)	SHEAR (EAST-WEST)
STANDARD BAYS	HA	H1, H4 - H11, H14	5 K	8 K	8 K	Ø
BRACED BAYS	HA	H2, H3, H12, H13	5 K	8 K	8 K	5 K



DATE	DESCRIPTION	MARK

DESIGNED BY:	DRAWN BY:	CHECKED BY:	SUBMITTED BY:	ISSUED FOR CONSTRUCTION:

DESIGNED BY: [Blank]
 DRAWN BY: [Blank]
 CHECKED BY: [Blank]
 SUBMITTED BY: [Blank]
 ISSUED FOR CONSTRUCTION: [Blank]

13-07-2020

POND

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METAL BUILDING DESIGN CRITERIA

SHEET ID
S-007