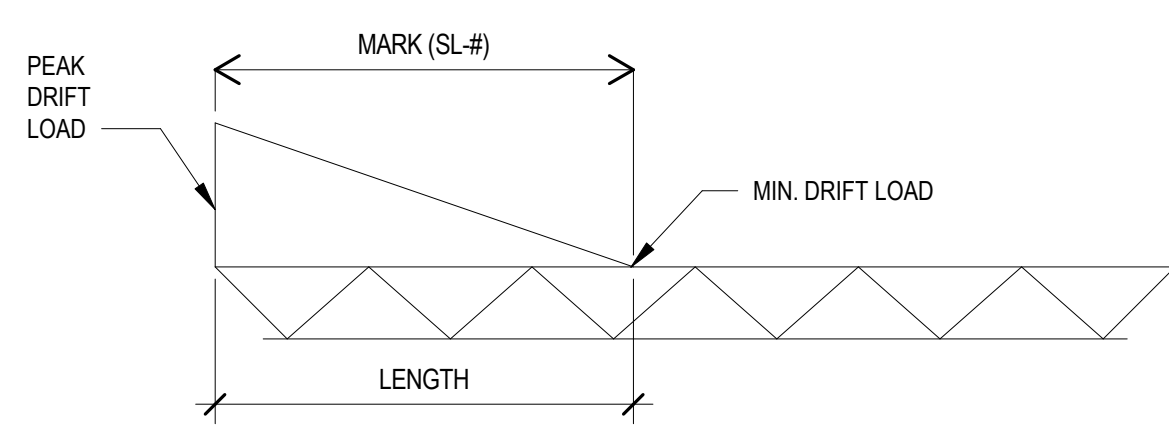
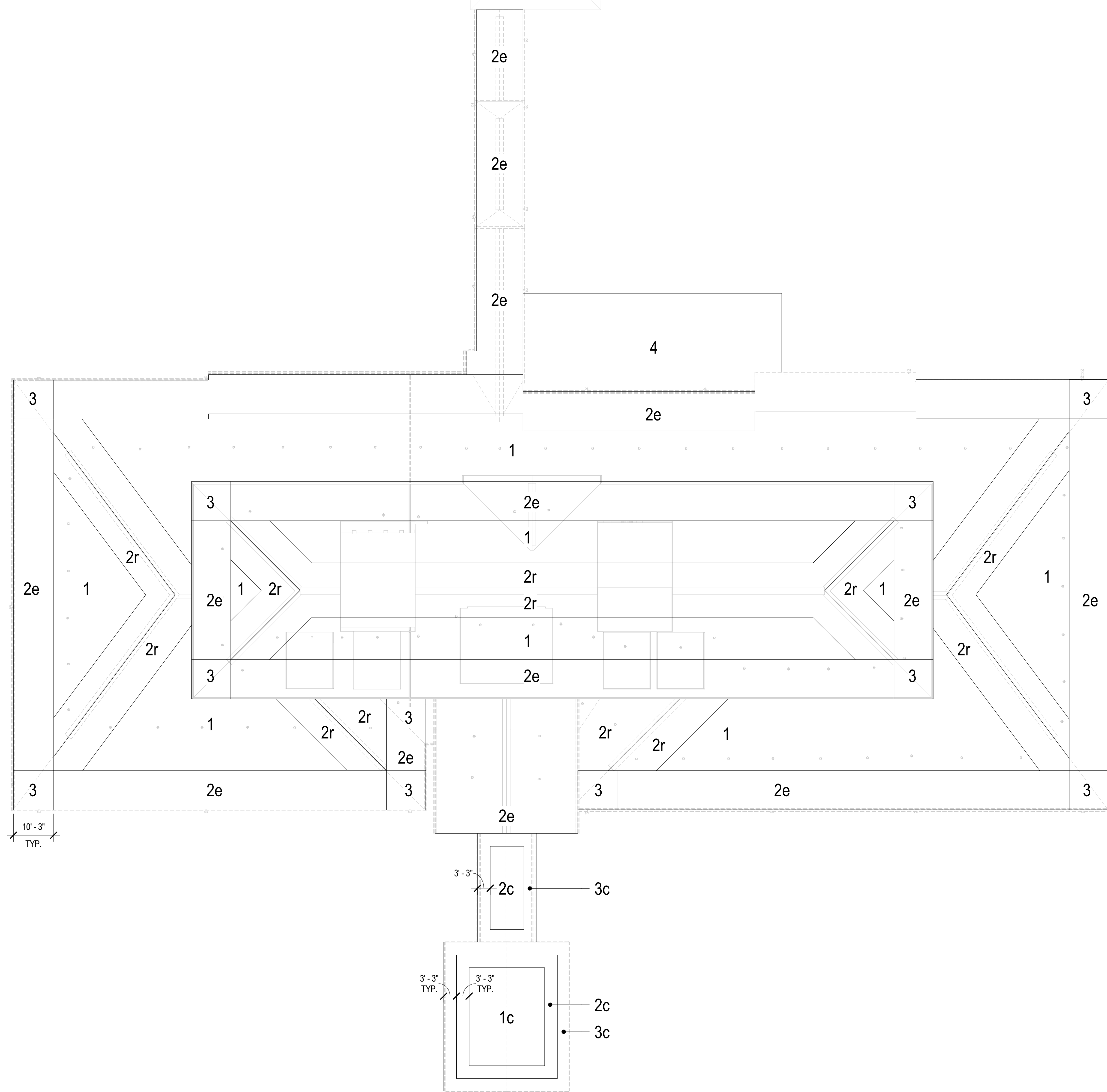


SNOW DRIFT DIAGRAM
1/16" = 1'-0"



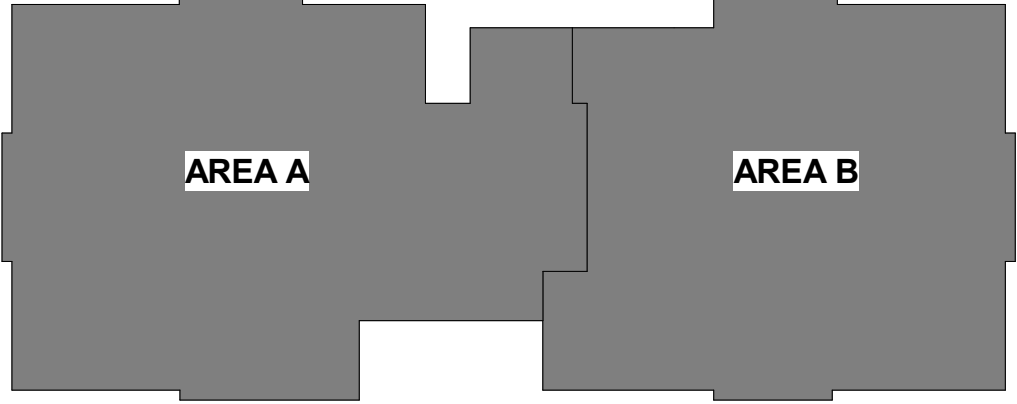
- TRUSS LOADING:**
- TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING LOAD CASES:
 - LOAD DESIGNATED IN GENERAL SPECIFICATIONS ON SHEET S001.
 - LOAD CASE OF DL + SL + DRIFT:
 - DEAD LOAD (DL)= TOP CHORD 15 PSF + BOTTOM CHORD 10 PSF
 - FLAT ROOF SNOW = 25 PSF
 - DRIFT LOAD NOTED ON PLAN
 - ANY POINT LOADS NOTED ON PLAN
 - LOAD CASE OF DL + RLL:
 - DEAD LOAD (DL)= TOP CHORD 15 PSF + BOTTOM CHORD 10 PSF
 - ROOF LIVE LOAD (RLL)= 30 PSF
 - ANY POINT LOADS NOTED ON PLAN
2. LIVE LOAD OR SNOW LOAD DEFLECTION SHALL NOT EXCEED L/240.



WIND UPLIFT DIAGRAM
1/16" = 1'-0"

TRIBUTARY AREA (SQ. FT.)	WIND UPLIFT TABLE							
	(PSF) ZONE 1	(PSF) ZONE 2e	(PSF) ZONE 2r	(PSF) ZONE 3	(PSF) ZONE 1c	(PSF) ZONE 2c	(PSF) ZONE 3c	(PSF) ZONE 4
10	34.6	46.3	60.3	46.3	23.2	34.7	69.4	25.4
20	34.6	42.5	54.4	42.5	23.2	34.7	34.7	24.5
50	30.6	37.5	46.5	37.5	23.2	23.2	23.2	21.4
100	27.6	33.8	40.6	33.8	23.2	23.2	23.2	16.1

NOTE: LOADS INDICATED ARE THE FULL UPLIFT. FOR UPLIFT ON JOIST, SUBTRACT 15 PSF (0.6 DEAD LOAD) FROM UPLIFT PRESSURES INDICATED FOR NET UPLIFT.



KEY PLAN

BIM 360/620-334 New Community Living Center/6201500_20/14 7/27/2021 5:00:17 PM

Revisions:	Date:

CONSULTANT

NORRIS DESIGN
Landscape Architect
416 North Toole Avenue
Tucson, AZ 85711
(520) 622-9565
Josh Orth, PLA

HINMAN
Protective Design Specialist
240 West 35th St, Suite 1004
New York, NY 10001
(212) 967-4890
Corinne Tan, SE

C.S. Davidson, Inc.
Structural
315 West James Street, Suite 102
Lancaster, PA 17603
(717) 481-2991
Jason Vannoy, SE, PE

MES GROUP
MEP
550 North Rex Street, Suite 203
Tampa, FL 33609
(813) 289-4700
Nicholas Stephenson, PE

ARCHITECT/ENGINEER OF RECORD

A/E:
TRIPLE C - The A/E Group
201 E. Jefferson Street, Suite 200
Syracuse, NY 13202
(315) 484-5958
Mat Perkins

TRIPLE C - THE A&E GROUP
A MULTI-DISCIPLINE COMPANY

STAMP

STATE OF NEW YORK
MURRAY C. WERNER
093033
PROFESSIONAL ENGINEER
5/09/2022 License valid through 11/30/2024

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title
WIND UPLIFT & SNOW DRIFT

Approved:

Phase
ISSUED FOR CONSTRUCTION

FULLY SPRINKLERED

Project Title
NEW COMMUNITY LIVING CENTER

Location
2094 Albany Post Road, Montrose, NY 10548

Issue Date
05/09/2022

Checked
WCW

Drawn
SIR

Project Number
620-334

Building Number
CLC

Drawing Number
S-002