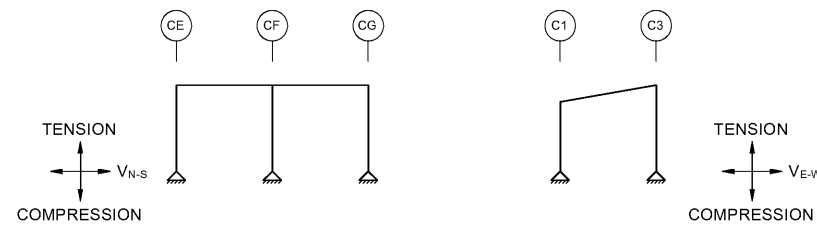


CANOPY FOUNDATION DESIGN REACTIONS

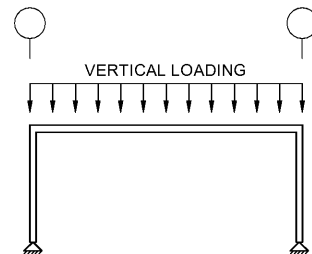
ENTRANCE CANOPY



DESIGN BASE REACTIONS

COMPRESSION	TENSION (UPLIFT)	SHEAR (NORTH-SOUTH)	SHEAR (EAST-WEST)
11.3 K	2.3 K	0.3 K	0.4 K

MINIMUM REQUIRED CANOPY LOADING



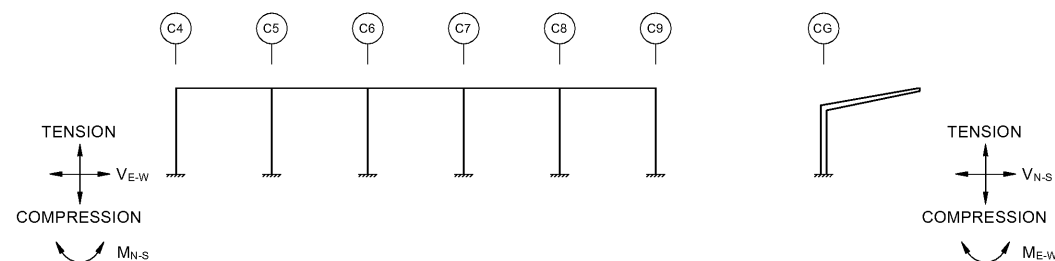
CANOPY GRAVITY LOADING

DEAD	SELF-WEIGHT ROOFING SYSTEM = 5 psf
COLLATERAL	5 psf
ROOF LIVE	20 psf (REDUCIBLE)

CANOPY DESIGN NOTES:

1. THE CANOPY FOUNDATIONS HAVE BEEN DESIGNED FOR THE MAXIMUM COLUMN LOADS SHOWN ON THIS SHEET. IF THE CANOPY SYSTEM PROVIDED HAS GREATER COLUMN LOADS, THE CONTRACTOR SHALL CONTACT THE ARCHITECT BEFORE PROCEEDING WITH ANY CONSTRUCTION ACTIVITIES.
2. THE CONTRACTOR SHALL COORDINATE THE FOUNDATION DESIGN REACTIONS INDICATED WITH THE REACTIONS DEVELOPED BY THE CANOPY SUPPLIER BEFORE THE PROCUREMENT OF ANY MATERIALS AND THE DEVELOPMENT OF ANY SHOP DRAWINGS AND SUBMITTALS.
3. CANOPY ANCHORAGE HAS BEEN DESIGNED FOR THE CONFIGURATIONS SHOWN. THE CONTRACTOR SHALL COORDINATE FINAL FOUNDATION AND ANCHORAGE WITH CANOPY MANUFACTURER. ANY DESIGN DEVIATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
4. SEE NOTE 10 ON SHEET S-001 FOR ADDITIONAL LOADING CRITERIA.
5. COLLATERAL LOAD 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
6. ALL VALUES ARE ALLOWABLE STRESS DESIGN (ASD) REACTIONS.

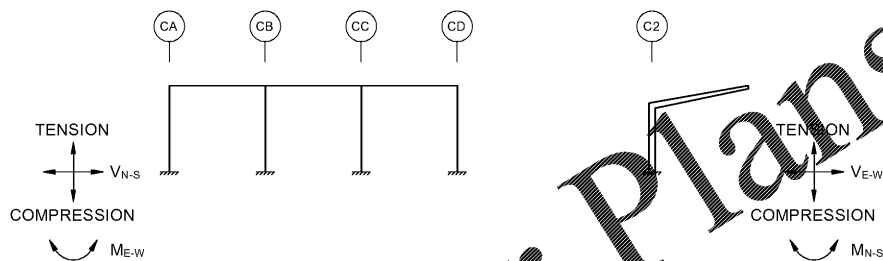
PARKING CANOPY - AIRFIELD SIDE



DESIGN BASE REACTIONS

COMPRESSION	TENSION (UPLIFT)	SHEAR (NORTH-SOUTH)	SHEAR (EAST-WEST)	MOMENT (NORTH-SOUTH)	MOMENT (EAST-WEST)
19.3 K	4.2 K	4.6 K	0.2 K	1.1 K-FT	206.6 K-FT

PARKING CANOPY - BUILDING SIDE

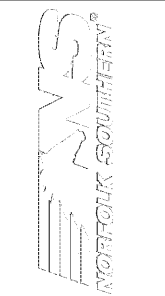


DESIGN BASE REACTIONS

COMPRESSION	TENSION (UPLIFT)	SHEAR (NORTH-SOUTH)	SHEAR (EAST-WEST)	MOMENT (NORTH-SOUTH)	MOMENT (EAST-WEST)
14 K	2.9 K	3.1 K	0.8 K	218.2 K-FT	27.1 K-FT

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Order Plans @



MARK	DESCRIPTION	DATE

DESIGNED BY: JRM	DRAWN BY: JRM	CHECKED BY: JRM	SUBMITTED BY: JRM	ISSUED FOR CONSTRUCTION: 11-27-2020
<small> NORFOLK SOUTHERN CORP 1200 PEACHTREE STREET, NE ATLANTA, GEORGIA 30309 POND 3000 Peachtree Lane, Suite 200 Atlanta, Georgia 30328 Phone (678) 335-7740 Fax (678) 335-7740 Job No. 1180557 </small>				

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 FULTON COUNTY AIRPORT - BROWN FIELD (FTY)
 362 AVIATION CIRCLE, SUITE 200
 ATLANTA, GEORGIA 30338

CANOPY DESIGN CRITERIA

SHEET ID
S-008

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