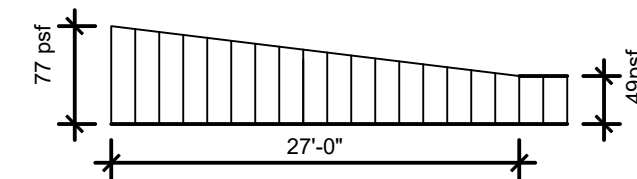


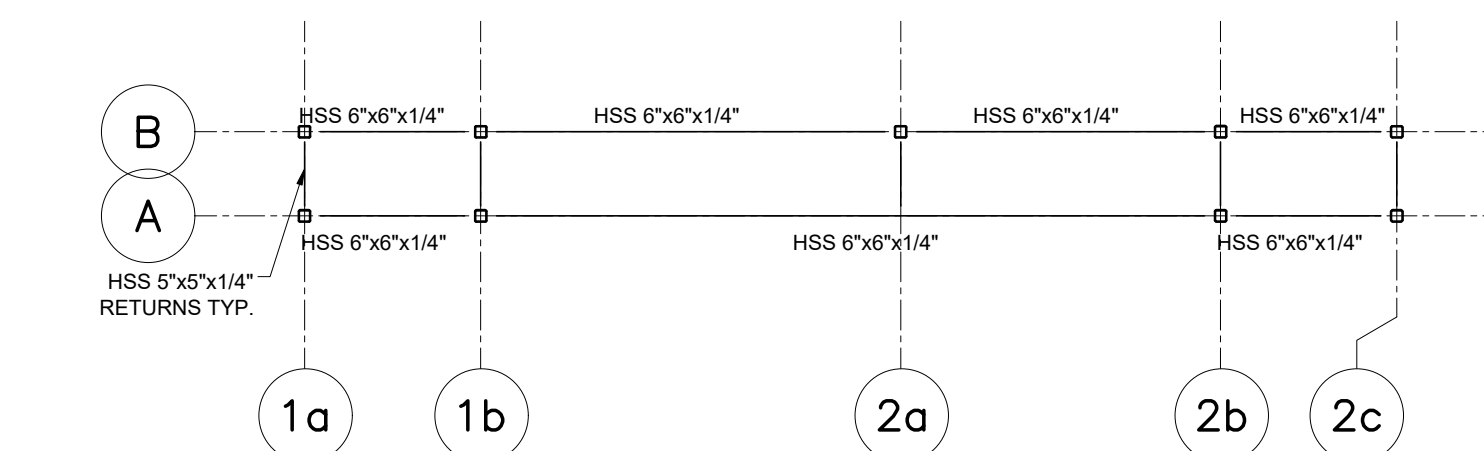
DESIGNER NOTE:
THE ROOF DRAINAGE (RAIN GUTTER AND DRAINAGE) MUST BE DESIGNED AS USUAL FREE DRAINAGE TO A DRAIN OR DRAINAGE SYSTEMS. THE ROOF DRAINAGE SYSTEMS SHOULD BE DESIGNED TO DRAIN THE ROOF WITH THE LOWEST DRAINAGE RATE. THE ROOF DRAINAGE SYSTEM SHOULD BE DESIGNED TO DRAIN THE ROOF WITH THE LOWEST DRAINAGE RATE.

DESIGNER NOTE:
MINIMUM CLEAR HEIGHT SHALL BE 14'-4"
- EXCEPT 8'-0" IN RECEIVING AREA
- (AS HATCHED ON PLAN)

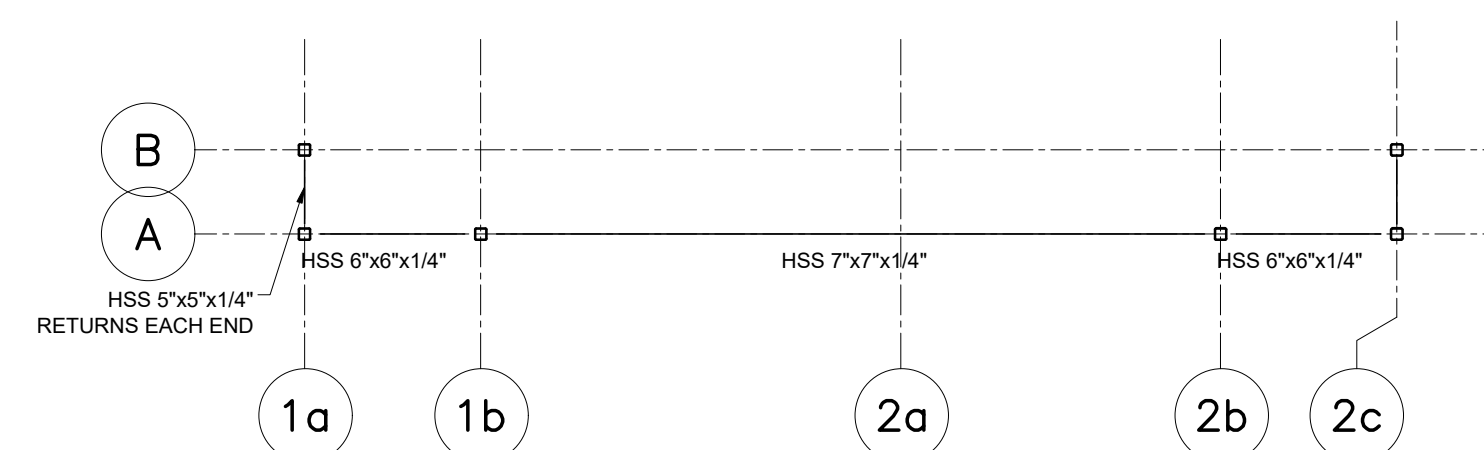


SNOW ACCUMULATION DIAGRAM
BEHIND MARQUEE
MAX. HEIGHT ABOVE ROOF 8'-4"

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



S2.1 SCALE: 1/8" = 1'-0"



S2.1 SCALE: 1/8" = 1'-0"

1. THESE DRAWINGS ARE NOT INTENDED TO BE USED FOR CONSTRUCTION.
2. STRUCTURAL CONSULTANT ASSUMES NO RESPONSIBILITY FOR THE USE OF THESE DRAWINGS ON ANY SITE FOR WHICH STRUCTURAL CONSULTANT IS NOT THE ENGINEER OF RECORD.
3. THESE DRAWINGS HAVE BEEN DEVELOPED FOR A SITE IN CENTRAL ONTARIO OTTAWA FOR THE PURPOSE OF ILLUSTRATING THE REQUIREMENTS OF A PROTOTYPE PETSMAST STORE AT THE SITE. THESE DRAWINGS ARE ISSUED, THE SPECIFICS (WIND, SNOW LOAD, SOIL CONDITIONS, SEISMIC, ETC.) OF ANY OTHER SITE WOULD REQUIRE SUBSTANTIAL REVISIONS TO THESE DRAWINGS.
4. THE PROFESSIONAL ENGINEER RETAINED FOR ANY SPECIFIC PROJECT MUST RE-ENGINEER THESE DRAWINGS FOR LOADS, ZONE RISK AND FOR COMPLIANCE WITH REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.

1. "D1" - ON PLAN DENOTES 1 1/2" DEEP STEEL DECK. WELD DECK TO STEEL AT 6" c/c MIN. ALONG PERIMETER.
2. TOP OF STEEL BEAMS SUPPORTING STEEL JOISTS SHALL BE 5 1/2" BELOW TOP OF STEEL DECK. TOP OF STEEL BEAMS PARALLEL TO JOISTS ARE 1 1/2" BELOW TOP OF STEEL DECK UNLESS NOTED OTHERWISE ON PLAN.
3. ALL OPENINGS IN STEEL DECK 6" TO 18" SHALL BE TRIMMED BY STEEL DECK CONTRACTOR. LARGER OPENINGS SHALL BE TRIMMED WITH Cx45.4 BY STRUCTURAL STEEL CONTRACTOR U.N.O.
4. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF ALL OPENINGS IN ROOF DECK.
5. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF MECHANICAL UNITS, ALL FRAMES FOR MECHANICAL UNITS SHALL BE Cx45.4 U.N.O.
6. T.J. ON PLAN DENOTES THE JOIST. SEE DETAIL #3 ON DRAWING S1.3.
7. JOIST SUPPLIER TO ALLOW FOR POINT LOADS FROM SPRINKLER LINES IN JOIST DESIGN. REFER TO DETAIL #2 ON DRAWINGS S103. COORDINATE WITH SPRINKLER CONTRACTOR.
8. JOIST AND JOISTS SHALL BE DESIGNED FOR A NET UPLIFT OF 15 P.S.F.
9. REFER TO ARCHITECTURAL DRAWINGS FOR BLOCK WALL PARTITION OPENINGS. PROVIDE LINTOL TO SUIT AS PER DETAIL TM-WALL-11 & TM-WALL-12 ON DWGS. S1.2.
10. SLOPE STRUCTURE TO PROVIDE POSITIVE ROOF DRAINAGE. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ROOF SLOPES AND DRAIN LOCATIONS.
11. DESIGN LOADS: (SPECIFIED)

DEAD LOAD	= 24 P.S.F. (INCLUDING JOIST SELF WT.) SNOW
LOAD	= 49 P.S.F.
TOTAL	= 73 P.S.F. PLUS SNOW FILE
12. REFER TO DRAWING S100 SERIES FOR GENERAL NOTES AND TYPICAL DETAILS.
13. LIMIT LIVE LOAD DEFLECTION OF JOISTS TO L/360 THROUGHOUT.
14. FOR BRACING ELEMENTS SIZE AND FORCES SEE DWG. S300.
15. STEEL STUDS GAUGE & SPACING GIVEN ON ROOF SECTIONS ARE FOR PRICING PURPOSES ONLY. A STAMPED SHOP DRAWINGS FOR STEEL STUDS DESIGN NEEDS TO BE PROVIDED FOR CONSULTANT REVIEW.
16. REFER TO ARCH. DWGS FOR LOCATION OF MECH. UNITS SCREEN WALL.
17. REFER TO DETAIL TM-L2S-12 ON DRAWING S1.2. FOR LATERAL SUPPORT FOR MASONRY PARTITION WALLS.
18. ALL EXPOSED STEEL TO BE HOT DIPPED GALVANIZED.
19. JOIST AND DECK SUPPLIER TO ALLOW FOR ROOF PAVEMENT LOAD OF 25 P.S.F. (WORKING) IN ADDITION TO DESIGN LOAD. SEE ARCHITECTURAL DRAWING FOR LOCATIONS.
20. ALL GIRT CONNECTIONS SHOWN TAKE 20 KIP AXIAL TENSION LOAD.
21. ALL BEAM/JOIST GIRDER/TEE JOIST TAKE 15 KIP AXIAL LOAD UNO.

CIENT REF #: 1234

FEBRUARY 12, 2025

CONSULTANT:

ARCHITECT:

SEAL:

CITY SEAL:

DISCLAIMER: THIS DRAWING AND DESIGN IS COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY PETSMART, THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.

ISSUED FOR:

[illegible]

PROJECT NO:

CA0045686.0144

ORIGINAL SCALE:

AS NOTED

DESIGNED BY:

DRAWN BY:

CHECKED BY:

PAGE 11

31

DISCIPLINE:

TITLE:

BO

RU

SHEET NUMBER:
