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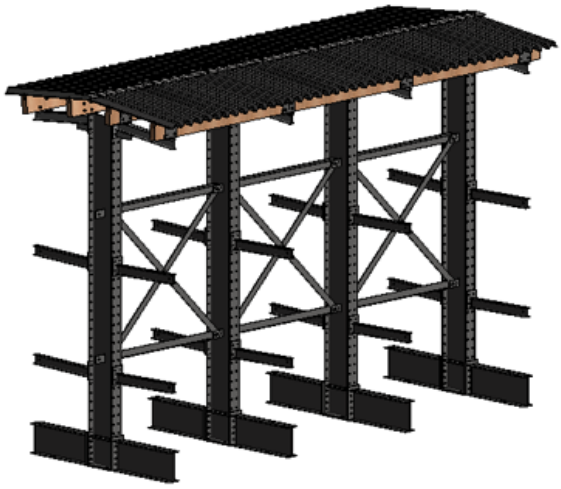
L OR T SHED CANTILEVER RACKING



T SHED

T SHED

Description

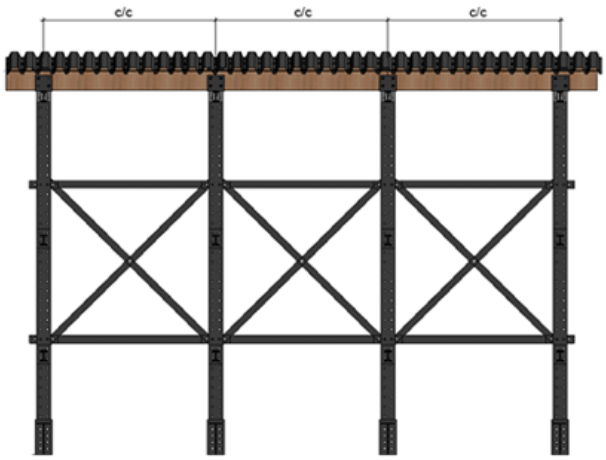
The shed system is an effective way of utilizing outdoor space while carefully storing material goods in a safe and efficient way. A steel deck roof provides adequate protection against snow, ice, rain and sun damage. The roof angle design allows rain to flow down easily and shields against harsh weather conditions. The system, including the column, roof arms, and rack arms, is painted Cogan. In order to account for local weather variances, Cogan cantilever roofs are always custom-manufactured for the specific system. The shed is available as an L-Shed or a T-shed. The L-Shed can be set up as a standalone single-sided column with the installation of back panels or set up flush against a wall. The T shed is a double-sided column with the roof extruding on both sides. The T-Shed is optimal for lumberyards. It allows for the easy storage of wood beams, plywood and any type of building materials. Items are clearly sorted and kept off the ground for fast access and inventory control. Protection from the elements means material will not warp or deteriorate from harsh weather conditions..

PRODUCT INFORMATION

The roof deck is made of galvanized steel which is screwed onto each wood beam with waterproof #8" x 1 ¾" hex head tek screw with a rubber seal. Each roof panel must overlap the previous one and must be screwed in accordingly. The shed must extend 6" from the edge of the rack arms for the T-shed.

Specifications

Loads	Roof is designed to resist snow and wind loads
Slope	6° Inclination to The Horizontal
Roof Deck Material	Galvanized steel with an additional protective white undercoat
Roof Support Material	Wood Studs (Refer to Approval Drawings
	for Wood Beam Dimensions and Length)
Steel Deck Connection	#8 x 1 3/4" Hex Head Tek Screw With
	Rubber Seal
Roof Arms	Structural S-Sections, W-Sections or Equivalent
Roof Arms	Meets and Exceeds ASTM A572 Grade 50 and /or CSA G40.21 350W
Connection Plates	Meets and Exceeds ASTM A36 44W



COLORS

White Undercoat (Steel Deck- Roof and Back)

Treated Wood (Roof Joist)

Cogan Grey (Columns, Bases and Arms)

VERY IMPORTANT:

The Cantilever Rack Base and Upright Must be Anchored to a Concrete Slab in Order to Install a T-Shed

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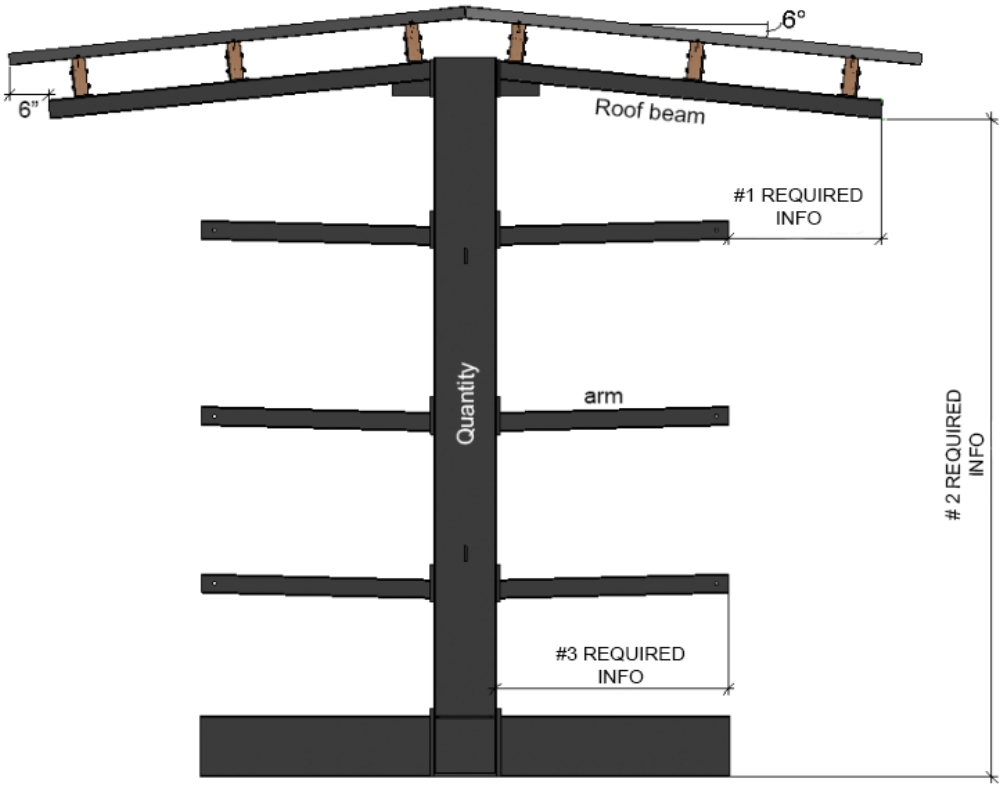
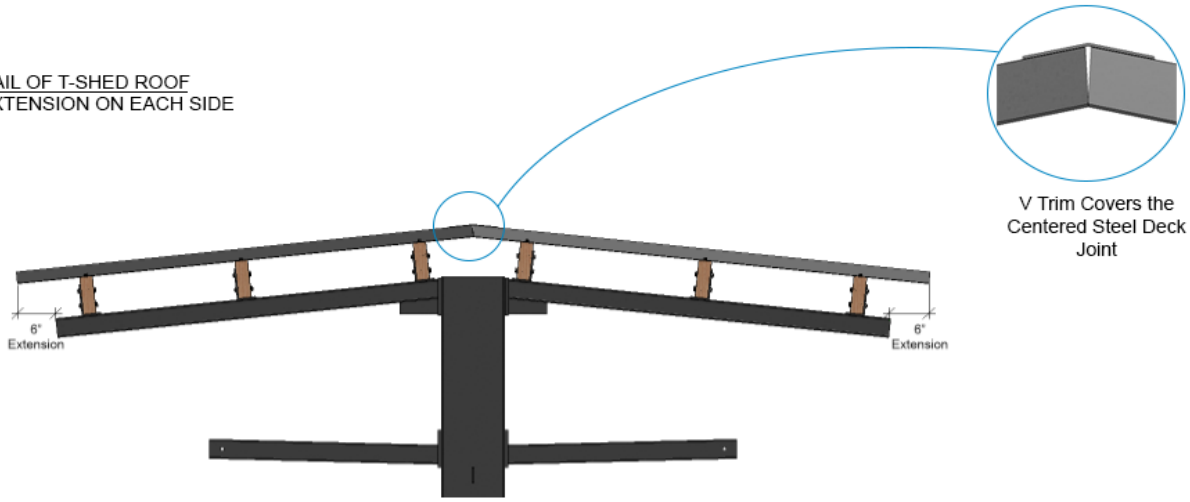
DETAILS

SIDE VIEW OF THE T-SHED
INSTALL LOCATION: IN AN OPEN AREA



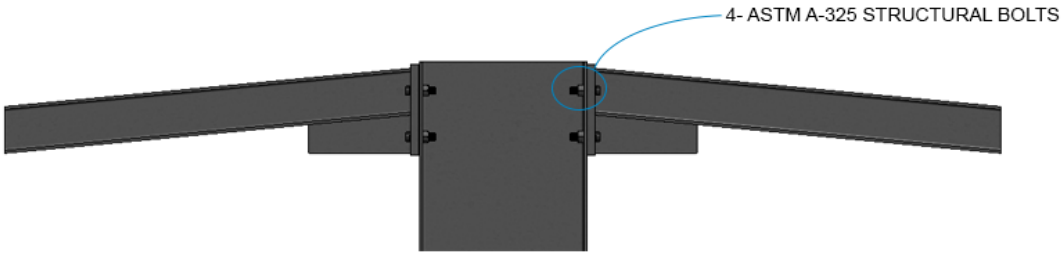
#1 REQUIRED INFO	Distance between front edge of cantilever arm and front edge of roof arms.
#2 REQUIRED INFO	Distance between Bottom edge of roof arm and cantilever base
#3 REQUIRED INFO	Length of cantilever arm

DETAIL OF T-SHED ROOF
6" EXTENSION ON EACH SIDE



DETAILS

ROOF ARM
CONNECTION DETAIL



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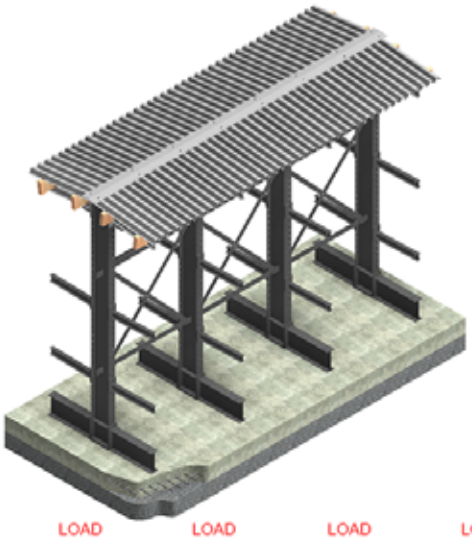
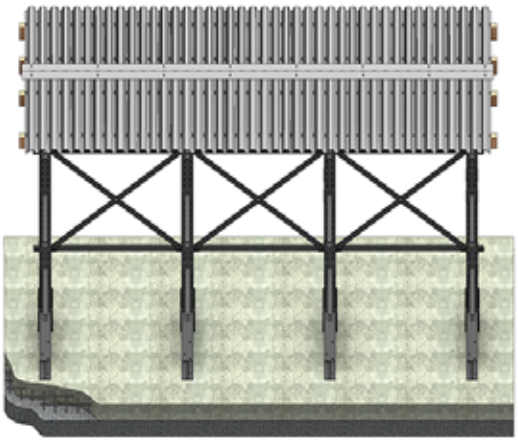
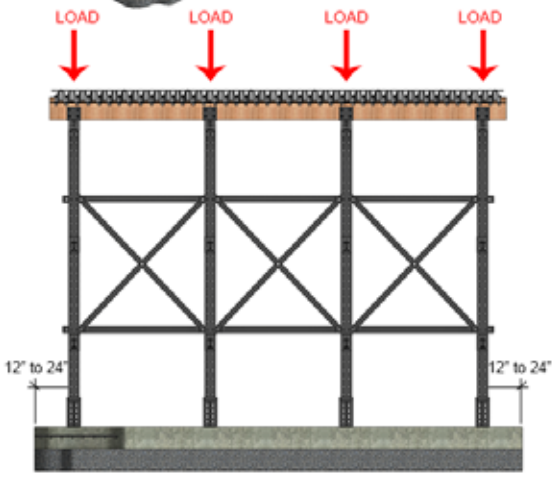
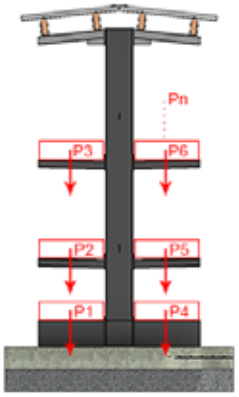
CONCRETE SLAB EXAMPLE









Total Max Load:
Σ = P1 + P2 + P3 + P4 + P5 + P6 +...+ Pn

Notes: Calculations does not include the back panel and seismic.

CONCRETE 'SLAB' EXAMPLE	TOTAL MAX. LOAD OF THE COLUMN			
8" to 12" L L 8" to 12" Rebar Concrete Gravel Concrete = fc' = 25 MPa min. Concrete = 4000 psi (27 MPa) Steel = Fy = 60 ksi (400 MPa)	L = 2'	L = 3'	L = 4'	L = 5'
4" 4" 8" 8" 2 Wire Mesh 4" x 4" x 6/6	27000 LBS	34500 LBS	42000 LBS	49000 LBS
6" 4" 10" 10" 2 Wire Mesh 4" x 4" x 4/4	32000 LBS	41000 LBS	50000 LBS	57000 LBS

LOAD BEARING CAPACITY OF GROUND 2000 LBS/FT^2

VERY IMPORTANT:
The Cantilever Rack Base and Upright Must be Anchored to a Concrete Slab in Order to Install an T-Shed