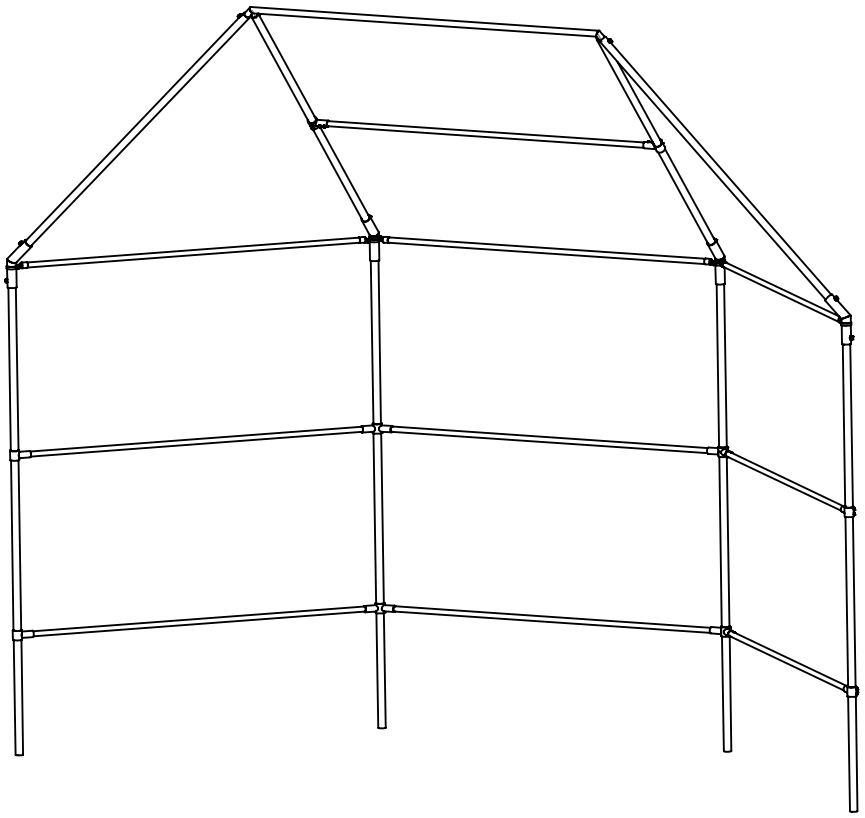
JUNIOR BACKSTOP

MODEL #LA-1024-4C Permanent Hooded Backstop



Specifications:

General: A heavy duty, all galvanized steel backstop shipped unassembled with all parts and instructions necessary for quick assembly. Model LA-1024-4C is permanent. .

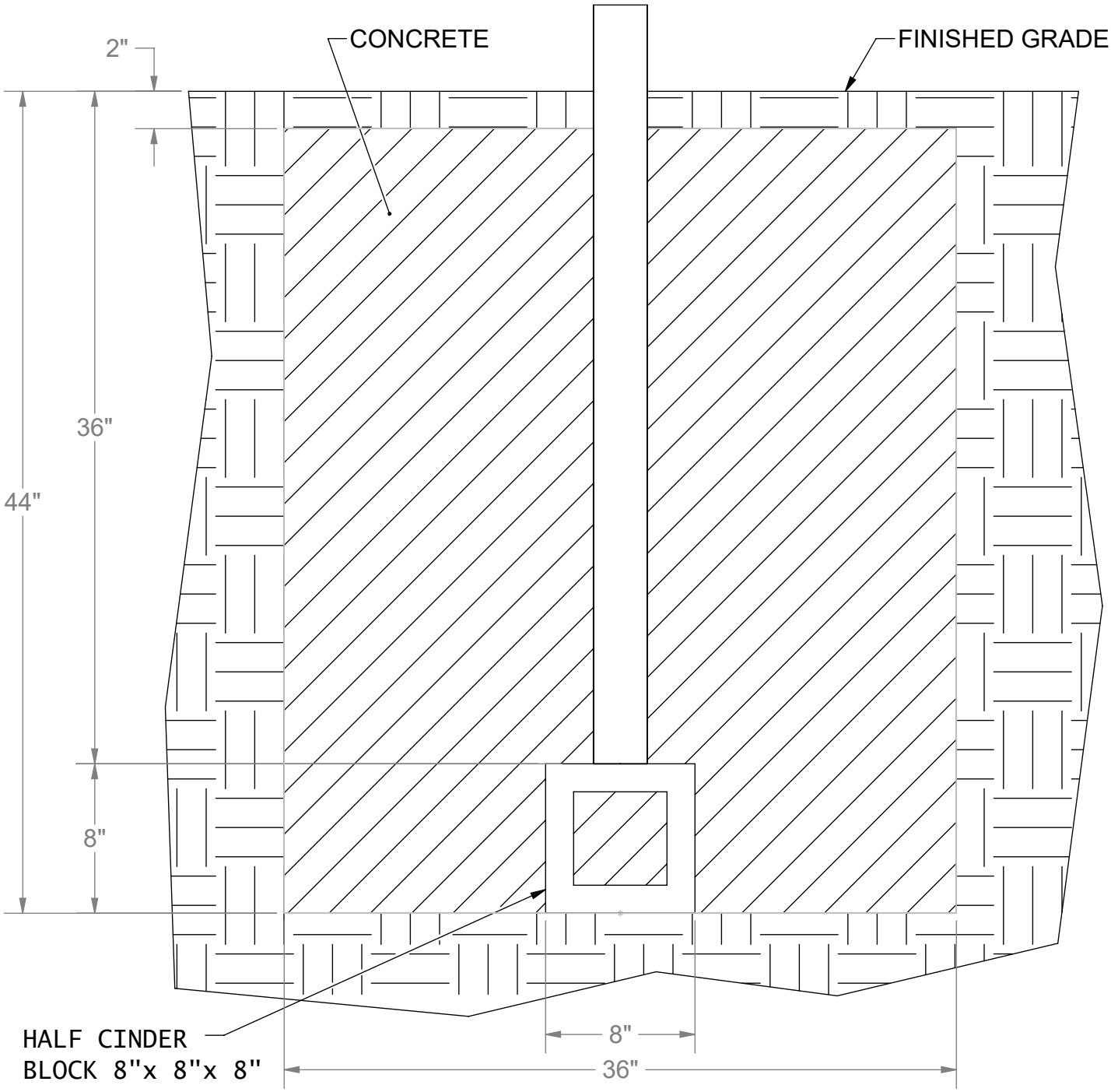
Materials: All Pipe & Fittings are galvanized steel. Sizes given are outside diameter.

Description:	Size
Vertical Posts	2 3/8"
Horizontal Rails	1-5/8"
Bottom Horizontal Rails	1-5/8"
Top Hood Rails	1-7/8"

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	ASA-500-12AD-A1	12AD-A1 FITTING ASSEMBLY	6
2	ASA-502-12AD-A3	12AD-A3 FITTING	4
3	ASA-516-12EL-A1	HOODED BACKSTOP ELBOW FITTING	4
4	ASA-0501-1228-G	HOOD ANGLE ∅2 3/8" ASSEMBLY	4
5	ASA-0502-1228-G	HOOD CROWN ASSEMBLY	1
6	RT-003-1228-116-G	STIFFENER 1.625 DIA.	7
7	RT-008-1228-115-G	STIFFENER 1.625 DIA.	3
8	RT-001-1228-156-G	LEG POST 2-3/8"DIA.	4
9	VCIBB278	2 7/8" BRACE BAND	6
10	VCIRAILEND158	1 5/8 ID RAIL END	6
11	HWCB5161	5/16-18 x 1" CARRIAGE BOLT	90
12	HWFLWA516	5/16 USS FLAT WASHER	90
13	HWLN516	5/16-18 LOCK NUT	90
14	HWSC3858	3/8 x 5/8 SET SCREW ZINC	50
15	HWSC581	5/8-11 x 1 SET SCREW ZINC	14
16	HWDS141	1/4x1 RD HD U-DRIVE SCREW ZINC	*16*
17	VCITEN238	2-3/8" TENSION BANDS	84
18	VCITBAR10	10' X 3/4" TENSION BAR (118")	12
19	RMMESHGA21110	2" X 11GA X 10' (120") GAL MESH KK	30'
20	RMMESHGA2910	2" X 9GA X 10' (120") GAL MESH KK	30'
21	VCITIEWIRE	TIE DOWN WIRE 10 1/2" X 12GA WITH HOOK	111

Extremely Important

Dig footing holes according to layout & assemble post and rails with supplied pipe fittings. Do not pour concrete until entire frame is assembled.



DETAIL-A
FROM SHEET #4

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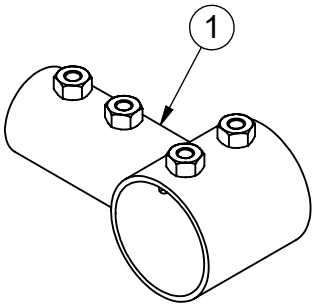
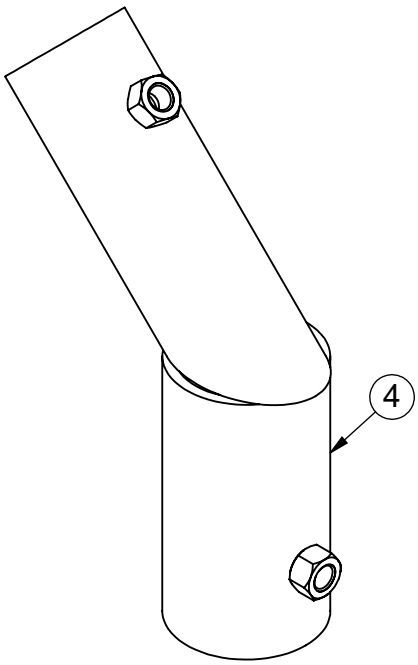
INSTALLATION INSTRUCTIONS:

1) Check materials received with the BOM to make sure that all components are included and to assure that the unit is complete.

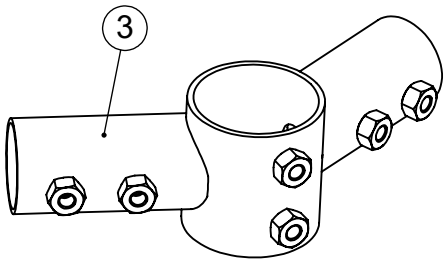
Fittings by Item Numbers



12AD-A1



12EL-A1



12AD-A3

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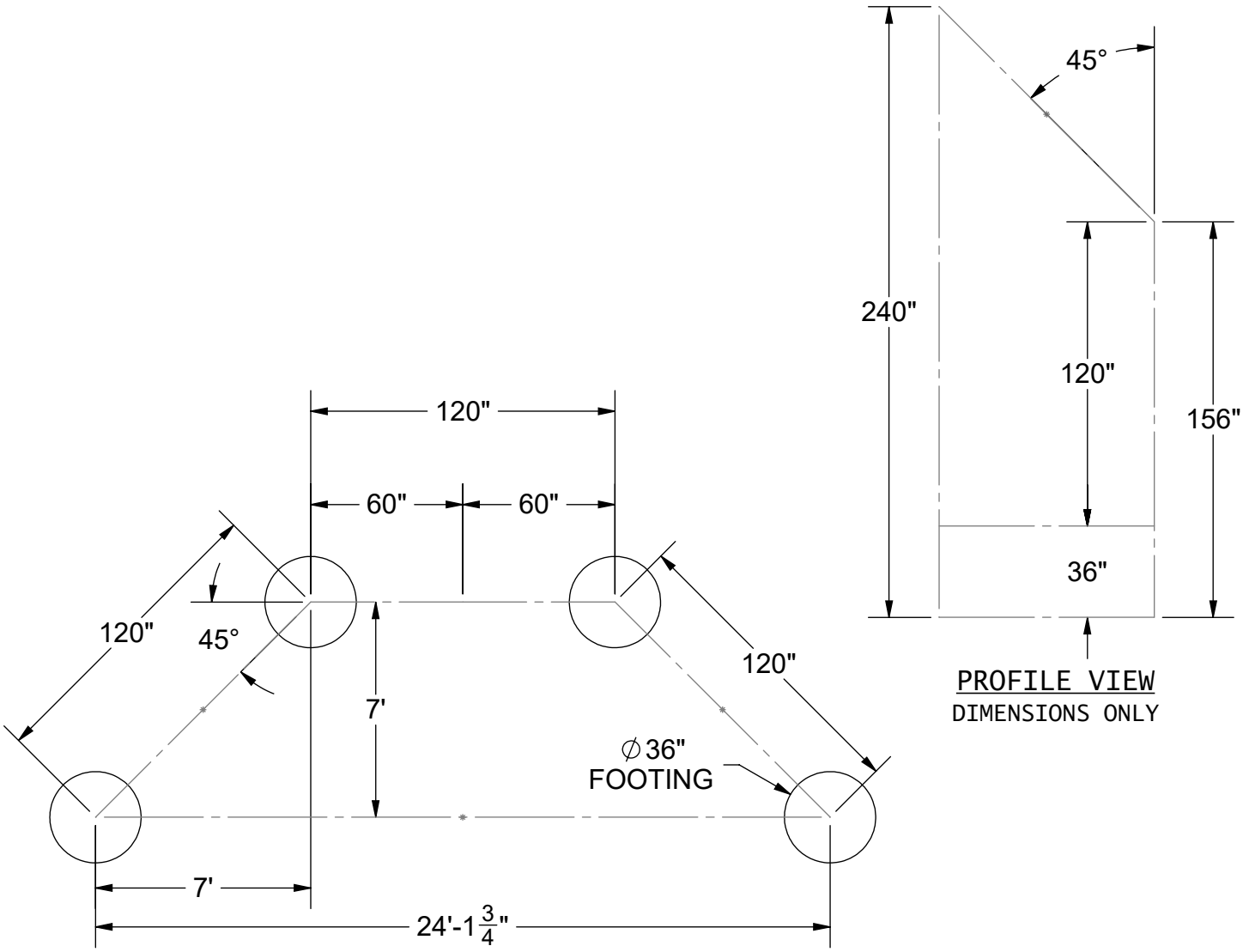
INSTALLATION INSTRUCTIONS:

2) Determine location of backstop so the rear panel is perpendicular to a line running from 2nd base through home plate & so the wings are parallel with the sides of the diamond.

3) Dig holes according to Footing Plan below & Footing Detail on sheet #3. Start with an end post & center the post in the hole so it rests on the block. Adjust block height as necessary to achieve proper post height. Plumb & brace in position. Repeat the same procedure for the rest of the Vertical Post.



PLAN VIEW
FOOTING DIMENSIONS ONLY

PROFILE VIEW
DIMENSIONS ONLY

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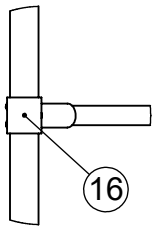
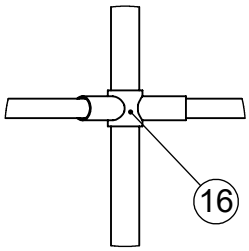
INSTALLATION INSTRUCTIONS:

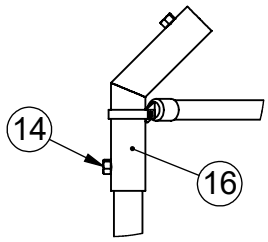
4) Put the entire Backstop together starting with the bottom first working from left to right. Slide Fittings (1) , (2) over Vertical Post in the order shown. Tighten down using 3/8"x 5/8" Set Screw. Leave Fitting (3) finger tight using 5/8"x 1" Set Screw Item. Install stiffeners as shown. After Set screws are secured tight drill a drive pin hole for Item (16) , shown in detail views below



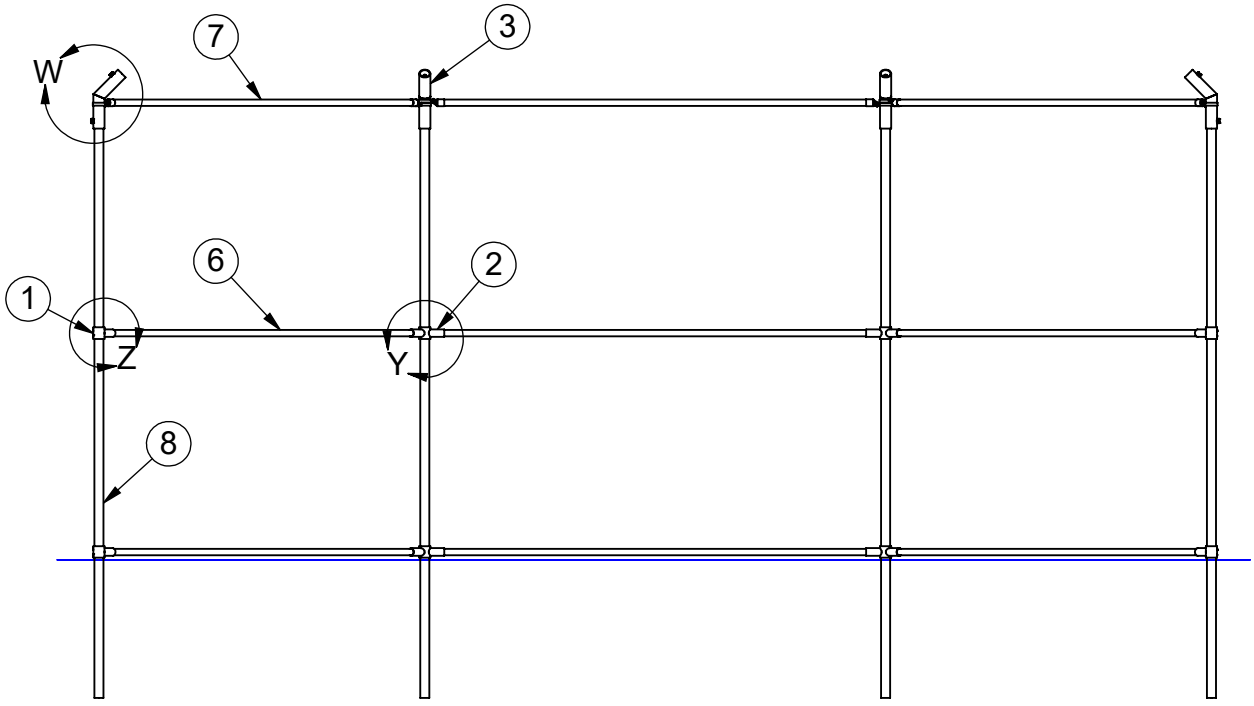
DETAIL Z
FITTING DRIVE PIN



DETAIL Y
FITTING DRIVE PIN



DETAIL W
FITTING DRIVE PIN
& SET SCREW



FRONT VIEW
POSTS & HORIZONTAL RAILS

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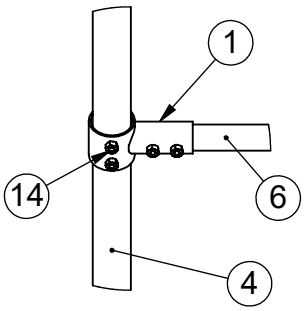
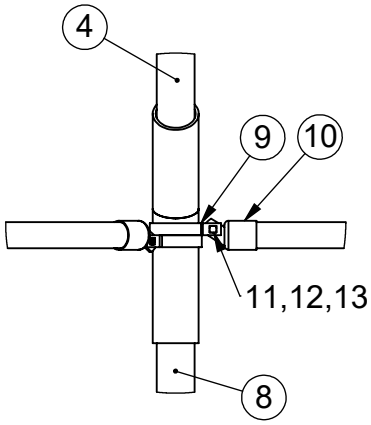
INSTALLATION INSTRUCTIONS:

5) Start building the hood by sliding fitting 12AD-A1 (1) about half way on to Hood Angle ∅2 3/8" Assemblies (4) using 3/8"x 5/8" Set Screw (14) to hold in place, only finger tighten. Install Stiffeners as shown below. Stiffeners use 2 7/8"Brace Band, 1-5/8"ID Rail End with 5/16"x 1" Carriage Bolt,5/16" Flat Washer and 5/16" Hex Head Nut.

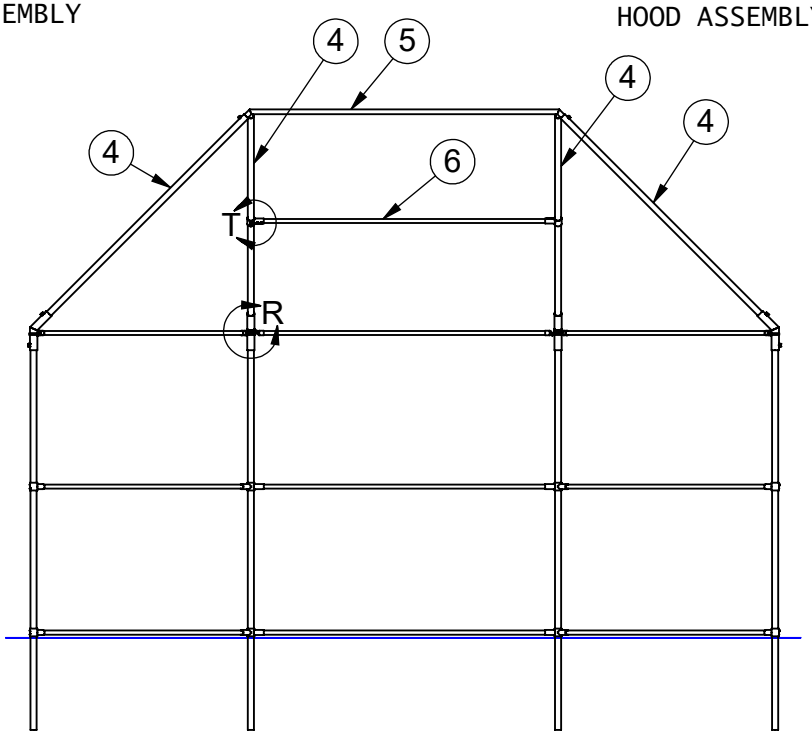
6) Install Hood Crown Assembly. Next slide the six (4) stubs into the six (4) Hood Angle ∅2 3/8". Tighten down all the 5/8"x 1" & 3/8" x 5/8" Set Screws (12) places.



DETAIL T
HOOD ASSEMBLY



DETAIL R
HOOD ASSEMBLY



FRONT VIEW
HOOD ASSEMBLY

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INSTALLATION INSTRUCTIONS:

11) MESH INSTALLATION: Seperate the wire mesh as the heavier material (9 gauge) is to be used along the rear panel & the wings while the lighter material (11 gauge) is to be used on the hood. The mesh is cut to approximate size & shipped in rolls.

1. Cut ***THREE*** pieces of (9ga x 10' mesh) 10 feet long to be installed between the vertical posts of the rear panel & the wings. Attach each piece of mesh using one 10 ft tension bar on each side of the mesh along with tension bands & bolts provided. Use tension bands on 18 to 20 inch centers. The mesh must be tight, remove one or two strands as necessary to achieve proper tension. NOTE: If rear bands at top & bottom of angles on upright posts to hold mesh in position.

2. Secure the mesh to the top, center & bottom horizontal rails of the hood supports with wire tie wires every 12"..

3. Cut one piece of (11ga x 10' mesh) ***10'*** long. Attach the mesh to the rear panel using one tension bar on each end of the piece along with tension bands & hardware provided. Tension bands should be used on 18 to 20 inch centers. The mesh must be tight, remove strands as necessary to achieve proper tension.

4. Secure the mesh to the top, center and bottom horizontal rails of the hood supports with wire tie wires every 12".

5. Cut a 10' long piece of 11ga mesh into a triangle to cover the remainder of the hooded area. Use the hood as a template.

6. Install two 10' tension bars in each triangular mesh piece along the two edges where the wire ends are NOT twisted together (knuckled salvage edge). Attach the mesh in the corners of the hood so the edge of mesh without tension bar is along the horizontal rail. Use tension bands on 18 to 20" centers to secure to the hood supports. The mesh must be tight; remove one or two strands as necessary to acheive proper tension.

7. Pull the bottoms of each triangular mesh piece tight and secure with tie wire every 8" to the horizontal rails.

8. Inspect for loose hardware and tighten as necessary. Also look for share wires and either cut or turn back into fabric as necessary.

9. Replace turf to cover exposed tops of footings.

10. Pour concrete up to 2" of finish grade and let set for three days before removal of bracing.

NOTE: Footing sizes are based on average soil conditions. Loose and/or sandy soil is not average and footing sizes must be increase accordingly to meet local soil conditions