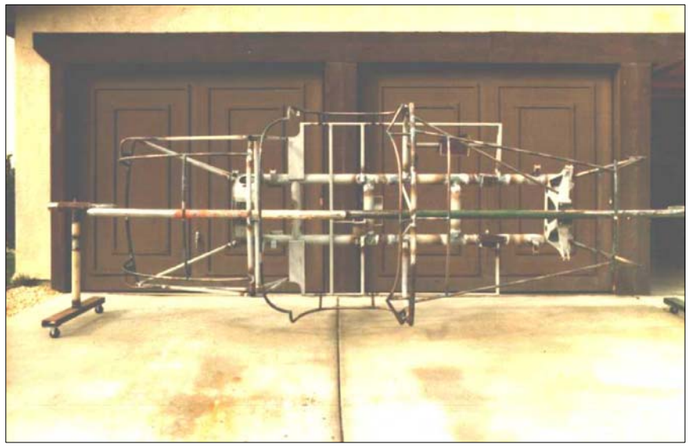


First use of the Cobra Chassis Rotisserie detailed in these drawings with a 289 Cobra chassis mounted.
(June 1979)

Rotisserie being used on a 1956 AC Ace chassis repair and restoration. The similarities with the 289 Cobra chassis are very evident.
(January 2020)

Notes:
1. These drawings provide details for a fixture (rotisserie) that allows an original 289 Cobra chassis to be rotated about its longituinal axis for ease of welding, painting or other tasks that are more convenienly performed when the work can be rotated to a better angle.

2. The rotisserie attaches to the chassis front and rear spring towers utilzing the 4 bolts on each tower that normally hold the suspension spring to the chassis. Therefore to use this fixture the springs must be removed from the chassis.

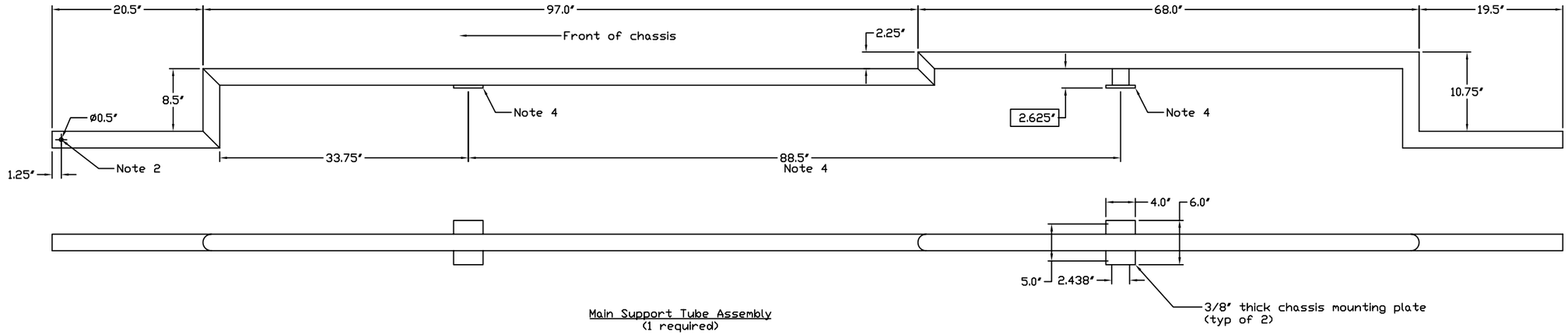
3. The rotisserie is designed to work without (or with) the basic body installed. Since the rotisserie main support tube runs through the car (on the left - right centerline and slightly below the main cowel tube), It's use does require that the trunk lid as well as some of the interior panels (upper firewall, dash, rear cockpit and front trunk panels) be removed off while the car is mounted on the rotisserie.

4. Obviously there are numerous ways to construct this type of fixture. This particular rotisserie was made relatively inexpensively using materials on hand. The end stands supports the chassis high enough to provide gound clearance and therefore rotationg the chassis a full 360 degrees can be accomplished. Because of the offsets in the main rotisserie tube, the chassis is supported relatively close to its center of balance and the rotational effort is also very easily.

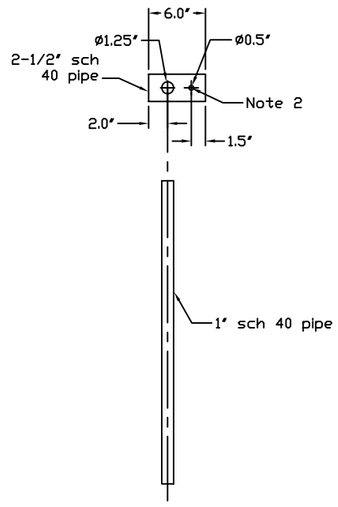
5. These drawings have been prepared with the best information available, however they are provided with no written or implied guarantee of accuracy or suitability of purpose and they are intended to be used solely for entertainment purposes.

Date: 1/18/2020

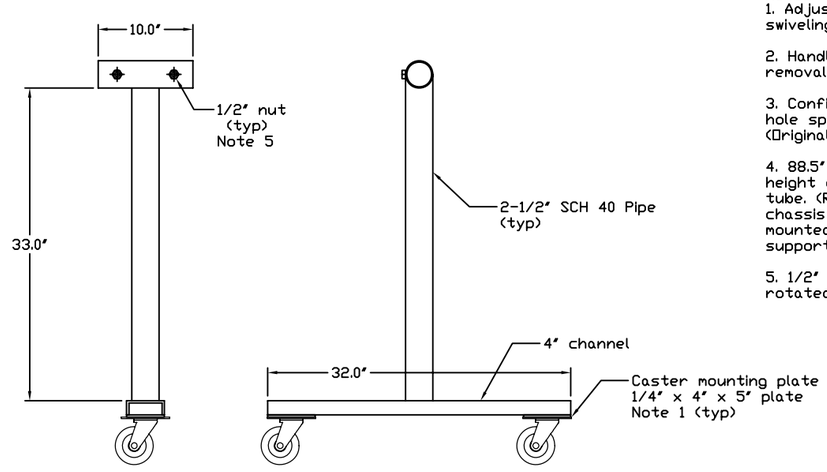
Rev.	Description	Date							
			289 Cobra Chassis Rotisserie Name: Web site sample Date: January 2020		Drawings developed by: CAL COBRAS Danville,CA.	COBRA 289 CHASSIS ROTISSERIE	Line is 1 inch at full scale (if not 1" scale accordingly)	Scale NA	Title DRAWING INDEX & NOTES	Drawing Number CCR01



Main Support Tube Assembly
(1 required)



Handle & Hub
Assembly
(1 required)



Stand Assembly
(2 required)

Notes:
1. Adjust size of Stand Assembly bottom plate to fit casters used. Recommend swiveling casters with 4″ wheels.

2. Handle Assembly to bolt on to Main Rotisserie Shaft with 1/2″ bolt. (to allow removal of front Stand from Rotisserie Shaft).

3. Confirm and match bolt hole spacing on 3/8″ mounting plates with spring tower bolt hole spacing on chassis. Recommend 1/2″ dia holes in plates to allow spacing flexibility. (Original Cobra has 7/16″ bolts on a 5″ x 2-7/16″ spacing.)

4. 88.5″ and 2.625 distances of chassis mounting pad centerline spacing shown and height are approximate and should be checked before final welding of plates to main tube. (Recommend measuring the spacing of the spring tower bolt spacing on the chassis to be mounted, before final welding.) Alternatively, the front plate could be mounted on a sliding collar (similar to the handle assembly and secured to the main support tube with a 1/2″ through bolt.)

5. 1/2″ nut welded to Stand Assembly to lock Main Support Tube in the desired rotated position.

COBRA CHASSIS
ROTISSERIE

Initial: 1/17/2020
rev: 1/18/2020
rev: 1/30/2020

Rev.	Description	Date	289 Cobra Chassis Rotisserie Name: Web site sample Date: January 2020	FOR PRIVATE USE ONLY Copying any part of this document without the written consent of the Developer is prohibited.	Drawings developed by: CAL COBRAS Danville,CA.	COBRA 289 CHASSIS ROTISSERIE	Line is 1 inch at full scale (if not 1" scale accordingly)	Scale 1" = 8"	Title Rotisserie Drawing	Drawing Number CCR02