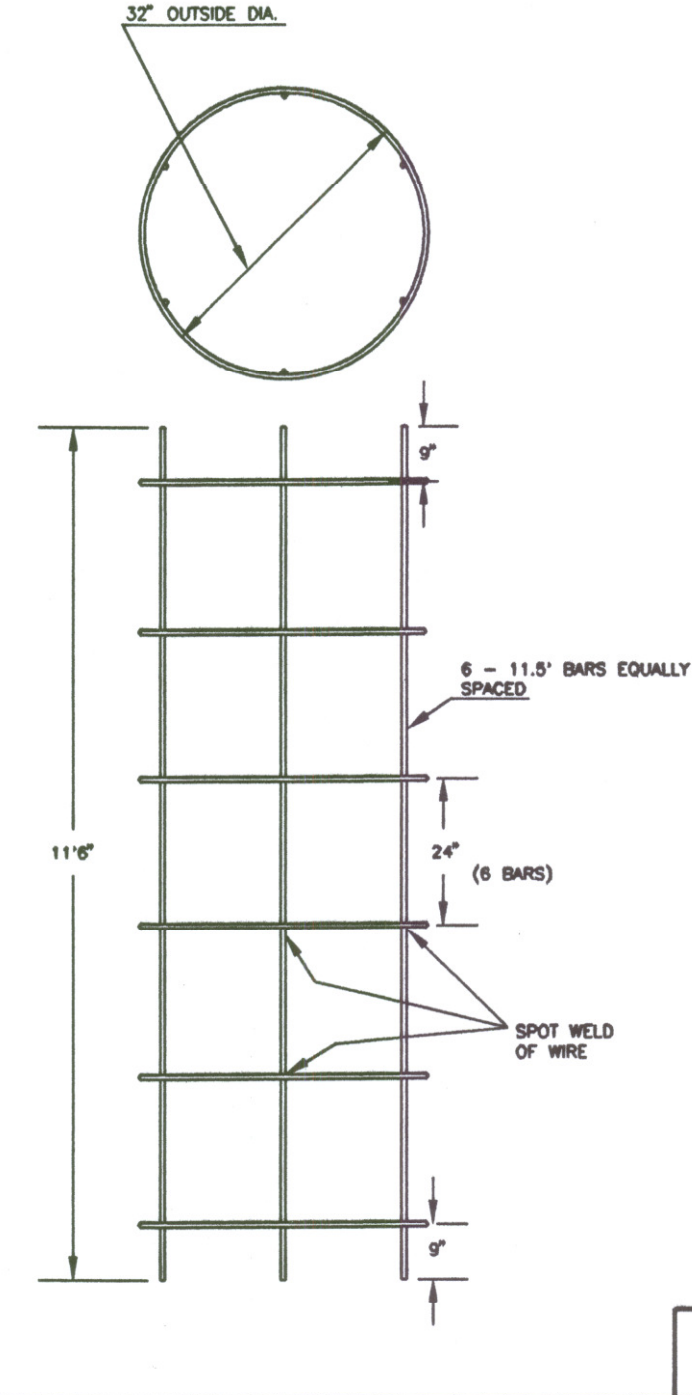
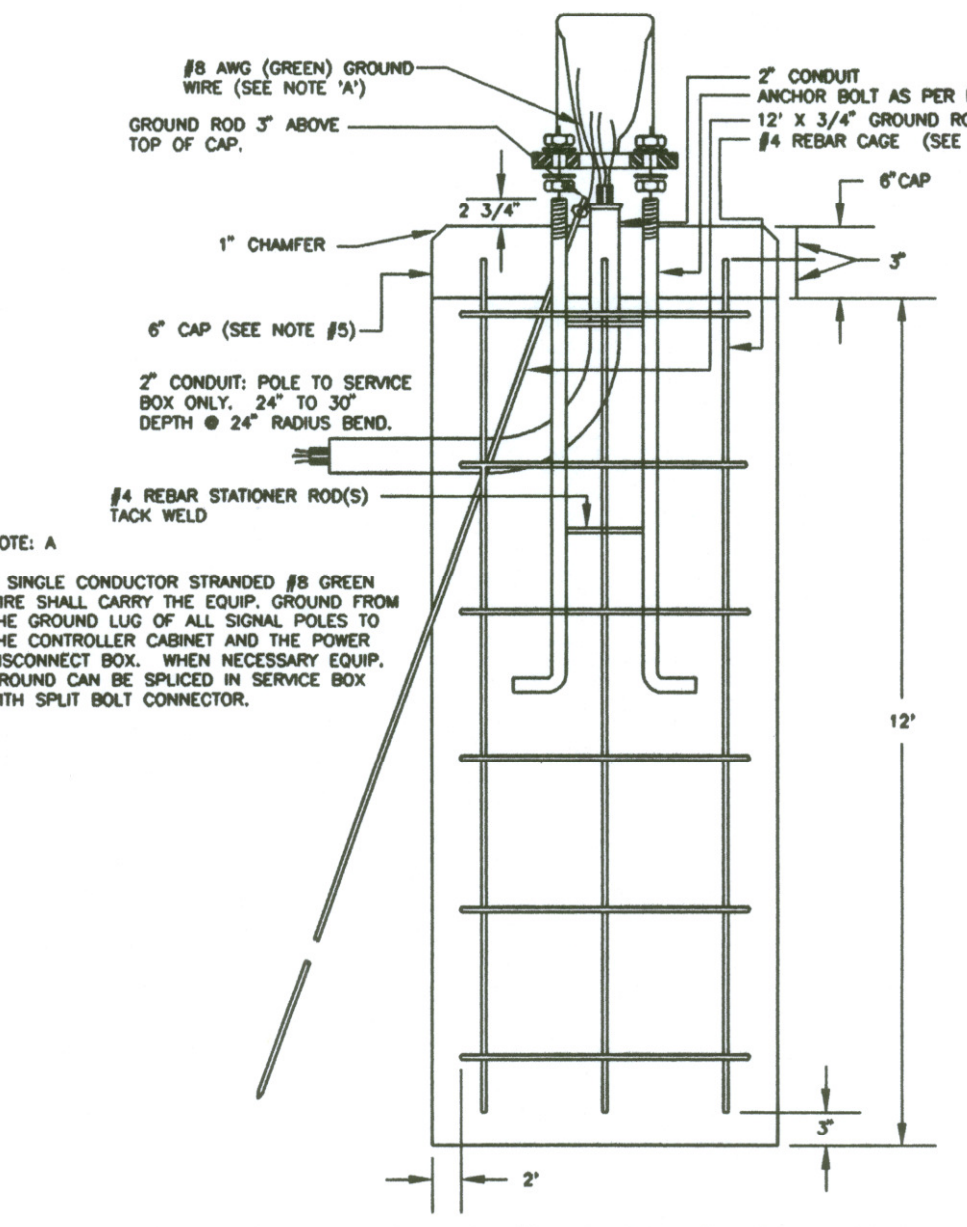


**REBAR CAGE**



- NOTE:
1. THE ANCHOR BOLTS FOR THE SIGNAL POLE SHALL BE TACK WELDED TOGETHER IN A 16\"/>
  - 2. USE ANTI-SEIZE COMPOUND ON ALL THREADS.
  - 3. 12\"/>
  - 4. CLASS 'A' CONCRETE SHALL BE USED TO CONSTRUCT BASE.
  - 5. CONSTRUCT A 6\"/>
  - 6. CONDUIT SHALL HAVE PLASTIC (OR METAL) BUSHING (ABOVE BASE) TO PREVENT CABLE CHAFING.
  - 7. USE #6 BARE COPPER GROUND CONDUCTOR FROM CLAMP TO GROUND BOLT IN ACCESS HOLE.

**Top Coat Finish for Traffic Signal Poles**

All visually exposed exterior surfaces shall be coated with a urethane or triglycidyl isocyanurate (TGIC) polyester powder to a minimum dry film thickness (DFT) of 2.0 mils. Prior to application of the top coat, the surface shall be mechanically etched and pre-heated to 450 degrees F for a minimum of one hour. The coating shall be electro-statically applied and cured at a minimum temperature of 400 degrees F. The finished color for the poles shall be black and approved by the Engineer prior to application on the basis of color chip submittals.

**Special Finish for Traffic Signal Equipment**

The traffic signal controller cabinet, mounting brackets, signal head backs, meter box, disconnect box, and miscellaneous hardware shall be shop painted with an aerosol lacquer cellulose estere. The Contractor shall submit two copies of the proposed coating system to the Engineer for approval prior to application. In addition to the requirements stipulated in the Standard Specifications, banding material shall be coated with ethylene-vinyl-alcohol (EVA) copolymer.

The color for pad mounted equipment including the traffic signal controller cabinet and related hardware shall be Federal Standard 595B, Color No. 20372 (Buckskin).

The color of the equipment mounted on the traffic signal poles shall be black to match the poles.

① Does not apply to Temporary Traffic Signals.

Signal poles will be an alternative flange plate design.

<p>THE CITY OF WICHITA CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 268-4501 (316) 268-4114 FAX</p>	PROJECT DESCRIPTION	
	<b>STEEL SIGNAL POLE ASSEMBLY DETAILS</b>	
	PROJECT NUMBER	
DRAWN BY: T.M.	SCALE	REVISED BY:
DATE: April, 2002	NO SCALE	DATE:
CITY OF WICHITA DEPARTMENT OF PUBLIC WORKS		
DIVISION OF TRAFFIC ENGINEERING WM. G. MCKINLEY P.E. TRAFFIC ENGINEER		SHEET 665 OF 1122

i: 1999/99687/001/sigpol-e.dgn  
Date Plotted: June 26, 2000  
Deliver to: Penni Moore