

**Comm. Equipment Attachment Submittal**  
**Civil Review Checklist**

SMUD Reviewer	
Order Number	
Communications Company	
Submittal Prepared By	
Submittal Rev	

#	Category	Item	Requirements Met?	Comments
1	Equipment Info	Equipment weight		
2		Equipment center of gravity location		
3		Equipment wind area		
4		Equipment general dimensions		
5	Attachment Info	Attachment location		
6		Method of attachment		
7		Attachment product cutsheet w capacities (if applicable)		
8		Attachment hardware specification (i.e. bolt size & grade)		
9	Appropriate Loads Assumed	Wind load		
10		Seismic load		
11		Load factors		
12		Controlling load case		
13	Appropriate Strengths Assumed	Attachment hardware (shear, tension, bending)		
14		Pole material (shear, bending, bearing)		
15	Structural Check	Attachment hardware strength check		
16		Hole bearing check (if applicable)		
17		Pole section strength check at points of attachment (i.e. would the bolt holes reduce the capacity of the pole section below the pole class capacity requirement at that height level?)		
18	Overtipping/Foundation Check	Use latest CBC soil profile values (Table 1806.2) and design criteria (1807.3.2) to check if pole embedment is adequate. Do not use O-calc for this check. If a soil type other than the most conservative value in the CBC table is used, provide strong justification based on good engineering judgement. <i>(Only required for pole top antennas)</i>		
19	Cover Page	Reference codes and specify version used		
20		State assumptions, scope, and limits of the analysis. Analysis must be site specific.		
21		Civil PE or SE stamped signed and dated		
22		Summarize analysis - Is the attachment method and hardware structurally adequate? Does the pole capacity still meet the pole class requirements?		