



بسمه تعالی

# فراخوان ایده و طرح زیبا سازی برای دکل های مخابراتی همراه اول در سطح شهر تهران

کارفرما : شرکت نقش اول کیفیت

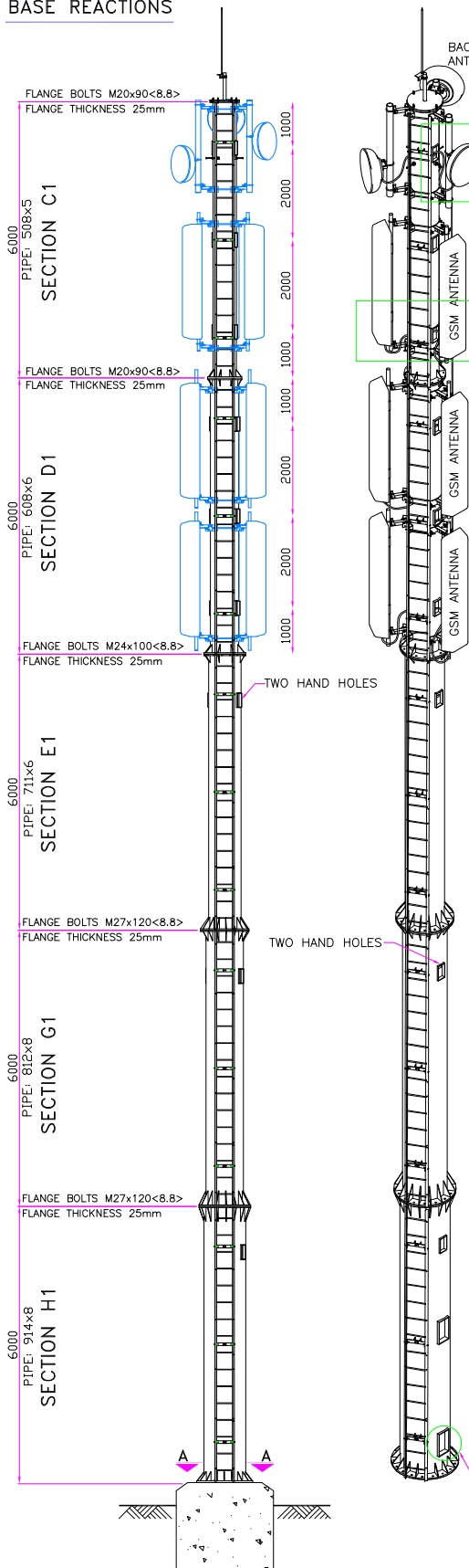
نوع دکل : زمینی Monopole

$F_x=42 \text{ KN}$

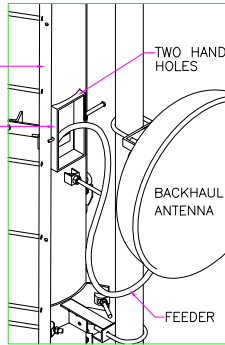
$F_y=54 \text{ KN}$

O.T.M=860 KN-m

**BASE REACTIONS**

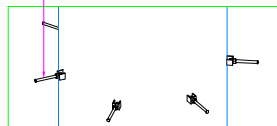


TWO HAND-HOLES,(300mmx150mm).  
APART FOR FEEDERS ENTRANCE.



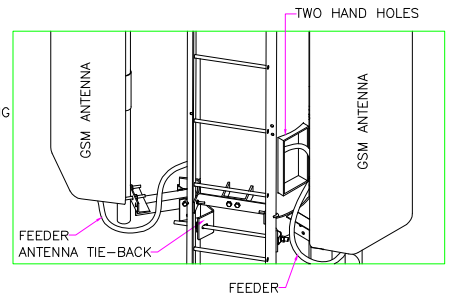
**HAND HOLE DETAIL**

TEMP STEP BOLTS FOR RIGGING BELOW EACH JOINT FLANGE TO BE REMOVED AFTER BOLT TIGHTENING

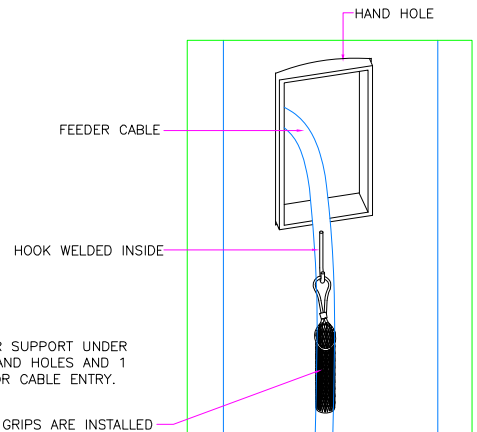
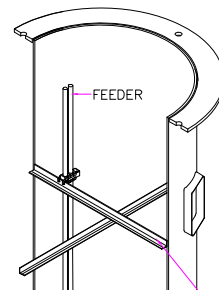


**TEMP STEP-BOLTS**

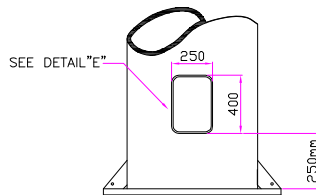
FOR INSTALLATION



**HAND HOLE DETAIL**



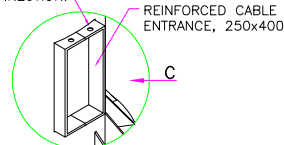
**CABLE GRIP**



**VIEW C**

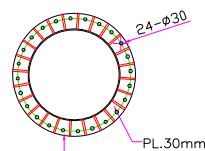
STIFFENER FOR TOP&BOT.

2 HOLES PROVIDED FOR RACK FEEDER CONNECTION.



**DETAIL B**

BOT. CABLE ENTRY



#24 ANCHOR-BOLTS M27 (Type AIII, Fy=400 MPa)

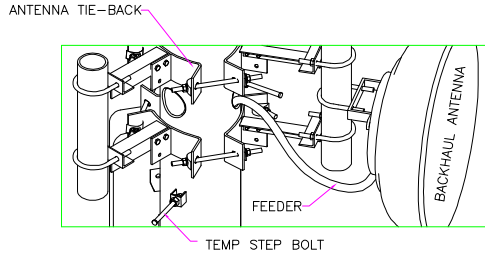
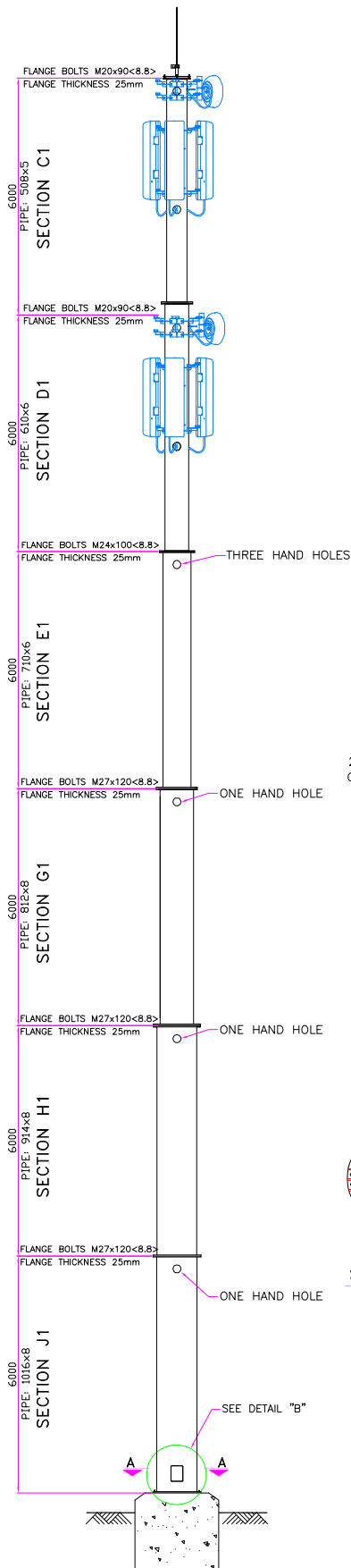
**SECTION A-A**

**Monopole Tower 30m**

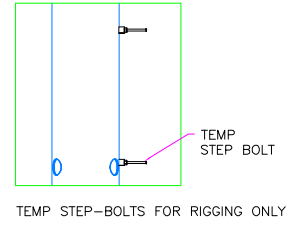
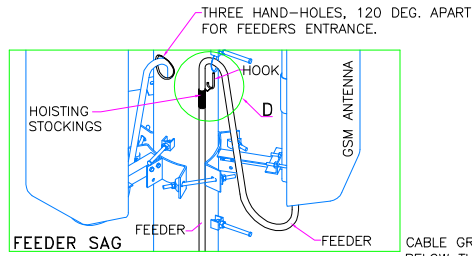
CUSTOMER:

**NAK**

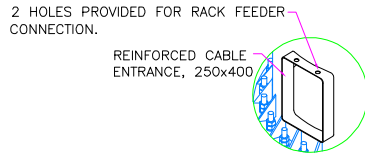
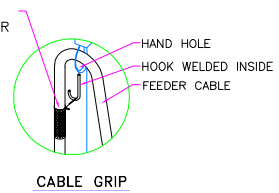
TITLE :



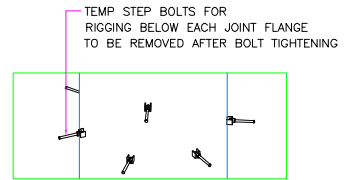
**HAN DHOLE DETAIL**



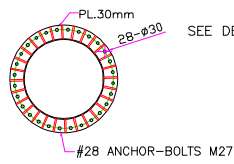
CABLE GRIPS ARE INSTALLED BELOW THE HAND HOLES FOR FEEDER CABLES.



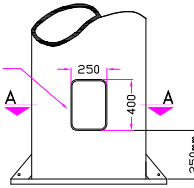
**BOT. CABLE ENTRY**



**TEMP STEP-BOLTS FOR INSTALLATION**



**SECTION A-A**



**DETAIL B**  
STIFFENER FOR TOP&BOT.

$F_x = 41 \text{ KN}$   
 $F_y = 65 \text{ KN}$   
O.T.M = 910 KN-m

**BASE REACTIONS**

<b>Monopole Tower 36m</b>	
CUSTOMER:	<b>NAK</b>
TITLE :	