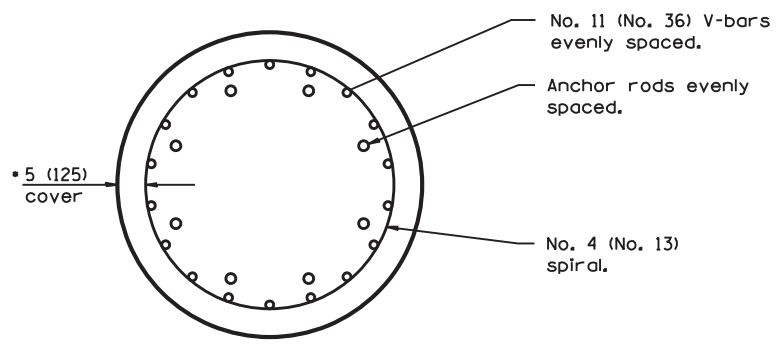


FOUNDATION ELEVATION



SECTION A-A

• See Rod and Reinforcement Table.

SHAFT LENGTH TABLE		
SOIL CONSISTENCY	AVERAGE STRENGTH	
	Qu in tsf (Qu in kPa)	HEIGHT
Cohesive	SOFT < 0.5 (< 50)	20'-6" (6.2 m)
	MEDIUM 0.5 to 1 (50 to 100)	17'-0" (5.1 m)
	STIFF 1 to 2 (100 to 200)	14'-6" (4.4 m)
	VERY STIFF 2 to 4 (200 to 400)	13'-0" (3.8 m)
	HARD > 4 (> 400)	11'-6" (3.5 m)
	N in BLOWS/FT. (N in BLOWS/0.3m)	
Granular	VERY LOOSE < 5 (< 5)	16'-6" (5.0 m)
	LOOSE 5 to 10 (5 to 10)	15'-0" (4.6 m)
	MEDIUM 10 to 25 (10 to 25)	14'-6" (4.4 m)
	DENSE 25 to 50 (25 to 50)	14'-0" (4.1 m)
	VERY DENSE > 50 (> 50)	13'-0" (3.9 m)

FILE NAME =	USER NAME = tomsonsr	DESIGNED - _____	REVISED - _____
et:\pw\work\p\idot\tomsonsr\d0333363\CCVDetails.dgn		DRAWN - _____	REVISED - _____
\$MODELNAME\$	PLOT SCALE = 2.0000' / in.	CHECKED - _____	REVISED - _____
	PLOT DATE = 3/7/2013	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA STRUCTURE, 80 FT. M.H.
FOUNDATION, SHEET 1 OF 2**

SCALE: NONE SHEET 8 OF 9 SHEETS STA. _____ TO STA. _____

F.A. RTE. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 355
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60J12	