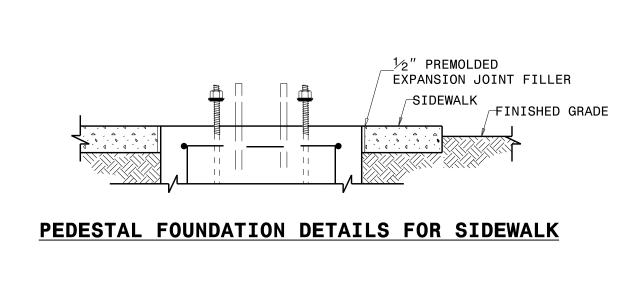
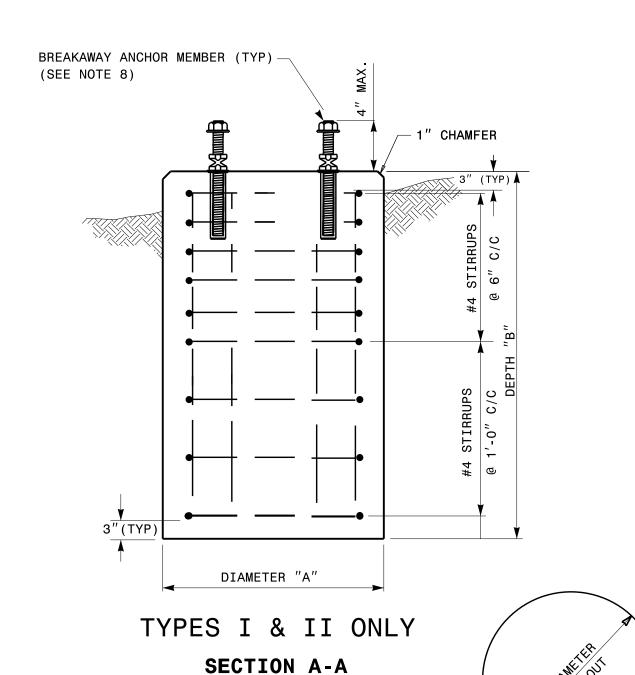
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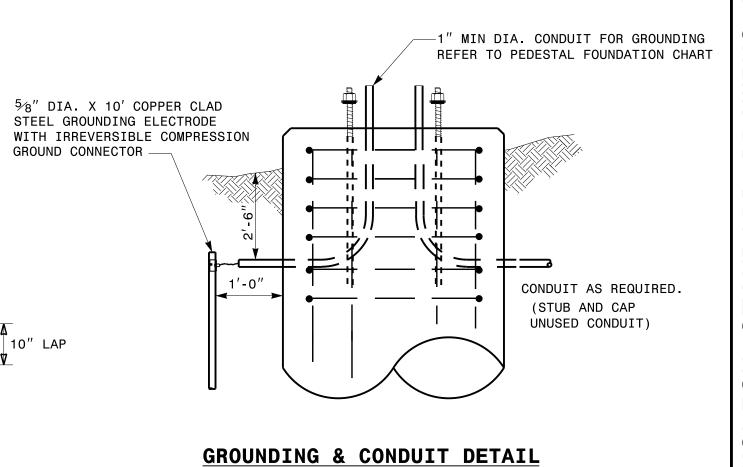




CLOSED HOOPS

NOTES:

- 1. CAST FOUNDATION AGAINST UNDISTURBED SOIL WHEREVER CONDITIONS PERMIT. IN UNSTABLE SOIL, CAST-IN-PLACE TUBE FORMS ARE ALLOWED WITH APPROVAL.
- 2. COMPLY WITH APPLICABLE PROVISIONS OF SECTION 825 FOR CONCRETE CONSTRUCTION.
- 3. USE CLASS "A" CONCRETE THAT MEETS THE REQUIREMENTS OF SECTION 1000 WITH A COMPRESSION STRENGTH AT 28 DAYS OF F'c = 3000 PSI (MIN.).
- 4. USE ASTM GRADE 60 DEFORMED BARS FOR ALL REINFORCING
- 5. GRADE IS ASSUMED TO BE (8H:1V) OR FLATTER. FOUNDATION SIZE AND DEPTHS ARE BASED ON THE FOLLOWING SOIL DESIGN PARAMETERS:
 - A. SANDY TYPE SOIL
 - B. NO GROUND WATER WITHIN 5'-0" OF SURFACE ELEVATION
 - C. WIND SPEED NOT TO EXCEED 140 MPH
- IF ACTUAL CONDITIONS VARY SUBSTANTIALLY FROM THOSE ASSUMED, THE FOUNDATION DEPTH MAY BE ADJUSTED. IN THIS CASE, CONTACT THE ENGINEER.
- 6. MAINTAIN AT LEAST 3" COVER ON ALL REINFORCEMENT.
- 7. ORIENT CONDUIT AS REQUIRED BY THE DESIGN OR AS DICTATED BY FIELD CONDITIONS.
- 8. USE ADHESIVE ANCHOR FOR THREADED COUPLING INSERT. FOR TYPE I MINIMUM DEPTH NECESSARY IS $0'-4\frac{1}{2}''$ AND FOR TYPE II MINIMUM DEPTH NECESSARY IS 0'-65/8". FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.



PEDESTAL FOUNDATION TYPE AND SIZE											
			SIZE		ANCHOF	INSTALL					
TYPE	PEDESTAL DESCRIPTION	DIAMETER "A" FT	DEPTH "B" FT	CONCRETE VOLUME CY	DIAMETER (MIN.) IN	LENGTH	GROUNDING SYSTEM (YES/NO)				
I	PEDESTRIAN PUSHBUTTON	2'-0"	3'-6"	.41	1/2	1'-6"	NO				
ΙΙ	NORMAL-DUTY	2'-0"	5'-0"	. 58	3⁄4	2'-0"	YES				
TII	HFAVY-DUTY	2'-6"	7'-0"	1.27	1	4'-0"	YES				

#4 STIRRUPS

PEDESTAL FOUNDATION - PLAN VIEW

DIAMETER "A"

TYPES I, II & III

SECTION A-A

#8 VERTICAL REINFORCING (V BARS)

ANCHOR BOLT (TYP)

2 HEAVY HEX NUTS

WITH FLAT WASHER

1 HEAVY HEX NUT (TYP) 1 FLAT WASHER TOP

@ EQUAL SPACING

- ANCHOR BOLT (TYP)

BOLT CIRCLE

-1" CHAMFER

CONDUIT AS REQUIRED

-3" CLEAR (TYP)

REINFORCING STEEL SCHEDULE												
V-BAR			STIRRUP									
					QI	QUANTITY						
SIZE	OTYLE				VERTICAL	SPACING			DIAMETER OVERLAP	WEIGHT	TOTAL STEEL	
		I FNGTH			ON 6"	ON 12"					STEEL WEIGHT	
#	<u> </u>		LBS	#	CENTERS	CENTERS	TOTAL		FT		LBS	LBS
8	6	3'-0"	56	4	0	4	4	5'-7"	1'-6"	0'-10"	15	71
8	6	4'-6"	86	4	5	3	8	5'-7"	1'-6"	0'-10"	30	116
8	6	6'-6"	122	4	7	4	11	7'-2"	2'-0"	0'-10"	53	175
	# 8 8	8 6 8 6	V-BAR SIZE QTY LENGTH 8 6 3'-0" 8 6 4'-6"	V-BAR SIZE QTY LENGTH WEIGHT LBS 8 6 3'-0" 56 8 6 4'-6" 86	V-BAR SIZE	V-BAR SIZE QTY LENGTH WEIGHT SIZE ON 6" CENTERS 8 6 3'-0" 56 4 0 8 6 4'-6" 86 4 5	V-BAR SIZE QTY LENGTH WEIGHT LBS # QUANTITY VERTICAL SPACING ON 6" ON 12" CENTERS CENTERS 8 6 3'-0" 56 4 0 4 8 6 4'-6" 86 4 5 3	V-BAR SIZE QTY LENGTH WEIGHT LBS WEIGHT LBS # QUANTITY VERTICAL SPACING ON 6" ON 12" CENTERS CENTERS TOTAL 8 6 3'-0" 56 4 0 4 4 8 6 4'-6" 86 4 5 3 8	V-BAR SIZE ATY LENGTH LBS WEIGHT LBS WEIGHT LBS WEIGHT SIZE ON 6" ON 12" CENTERS CENTERS TOTAL ENGTH CENTERS CENTERS TOTAL REPORT OF THE CONTERS CENTERS TOTAL REPORT OF THE CENTER CENTER CENTERS TOTAL REPORT OF THE CENTER CENT	V-BAR OF CHARK CONTRIBUTION C	V-BAR STIRRUP	V-BAR STIRRUP QUANTITY QUANTITY VERTICAL SPACING ON 6" ON 12" CENTERS CENTERS TOTAL FT O'-10" 15 8 6 4'-6" 86 4 5 3 8 5'-7" 1'-6" 0'-10" 30 30

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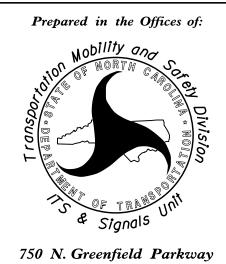
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See Plate for Title



Garner, NC 27529

DATE

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