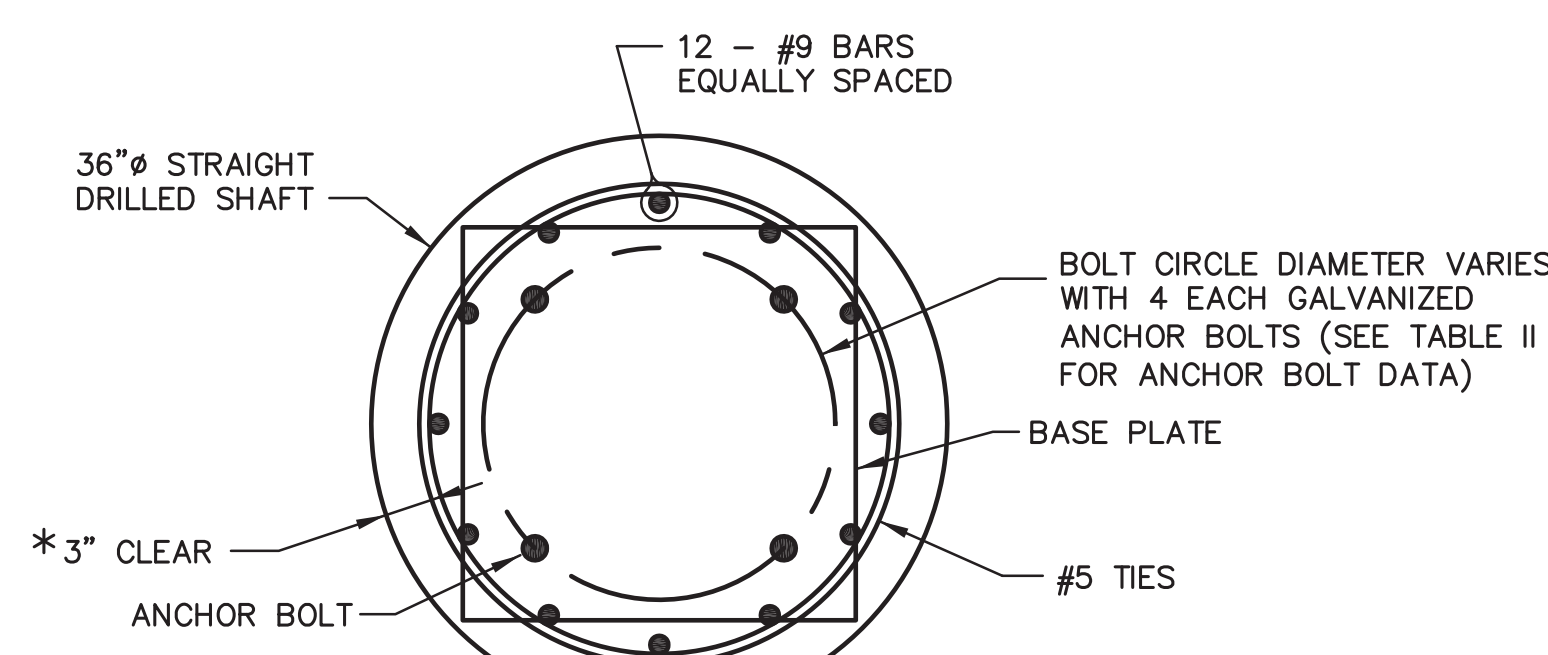
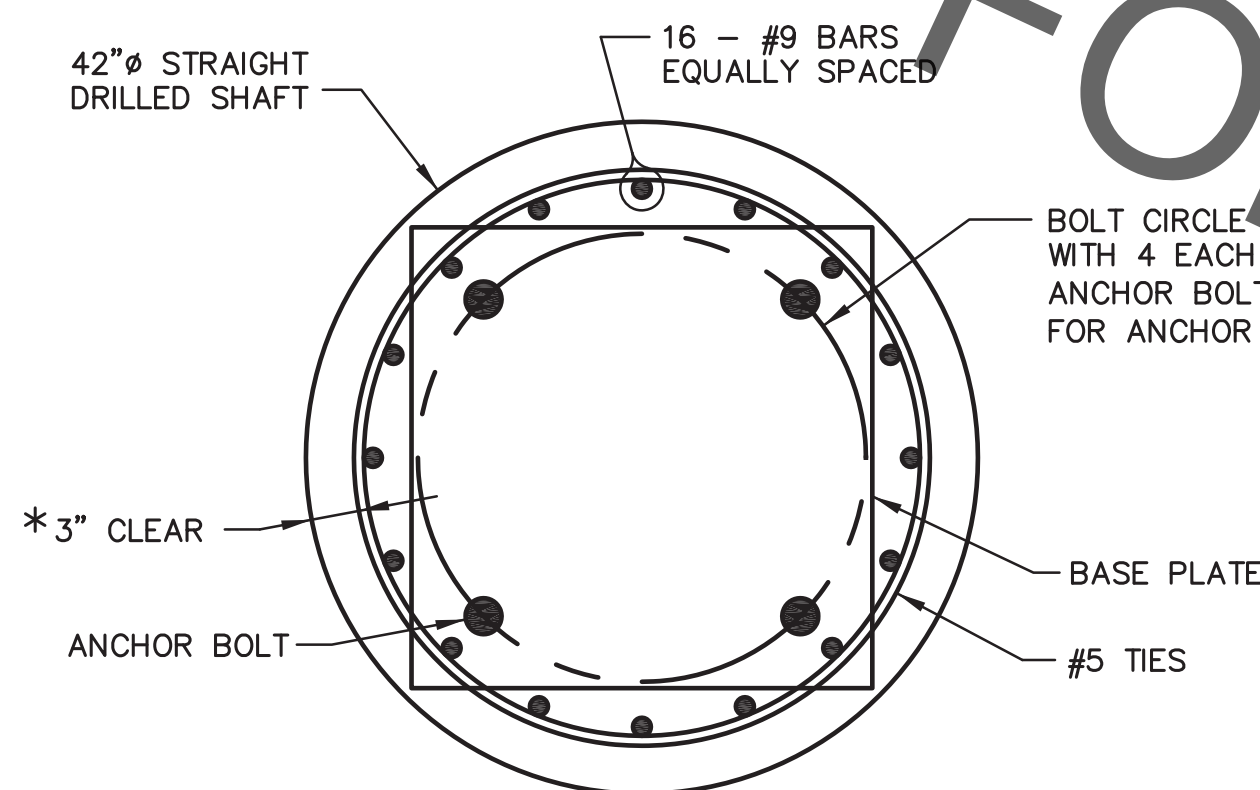


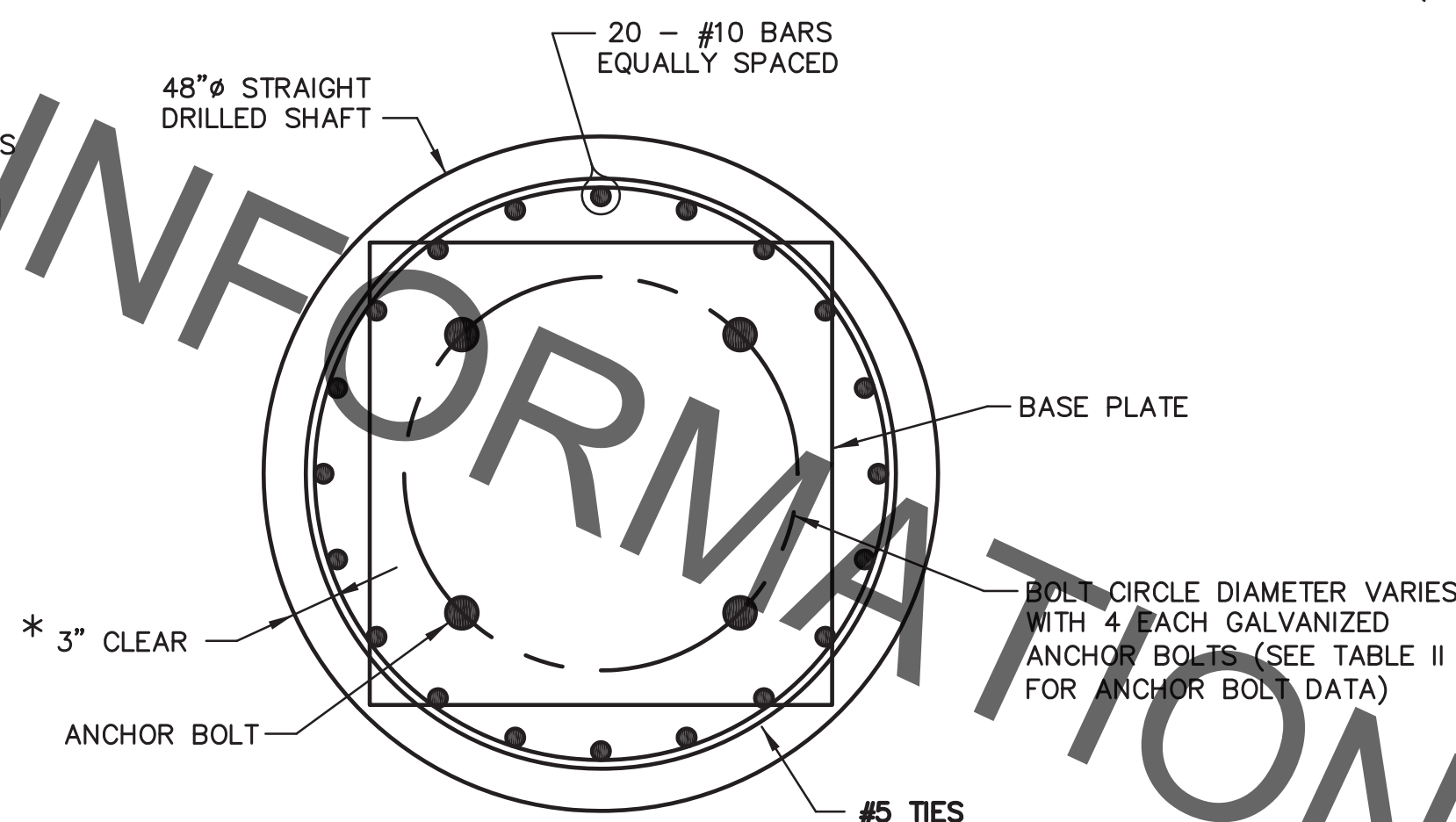
SECTION "A-A"
30" DRILLED SHAFT
1" = 1'-0"



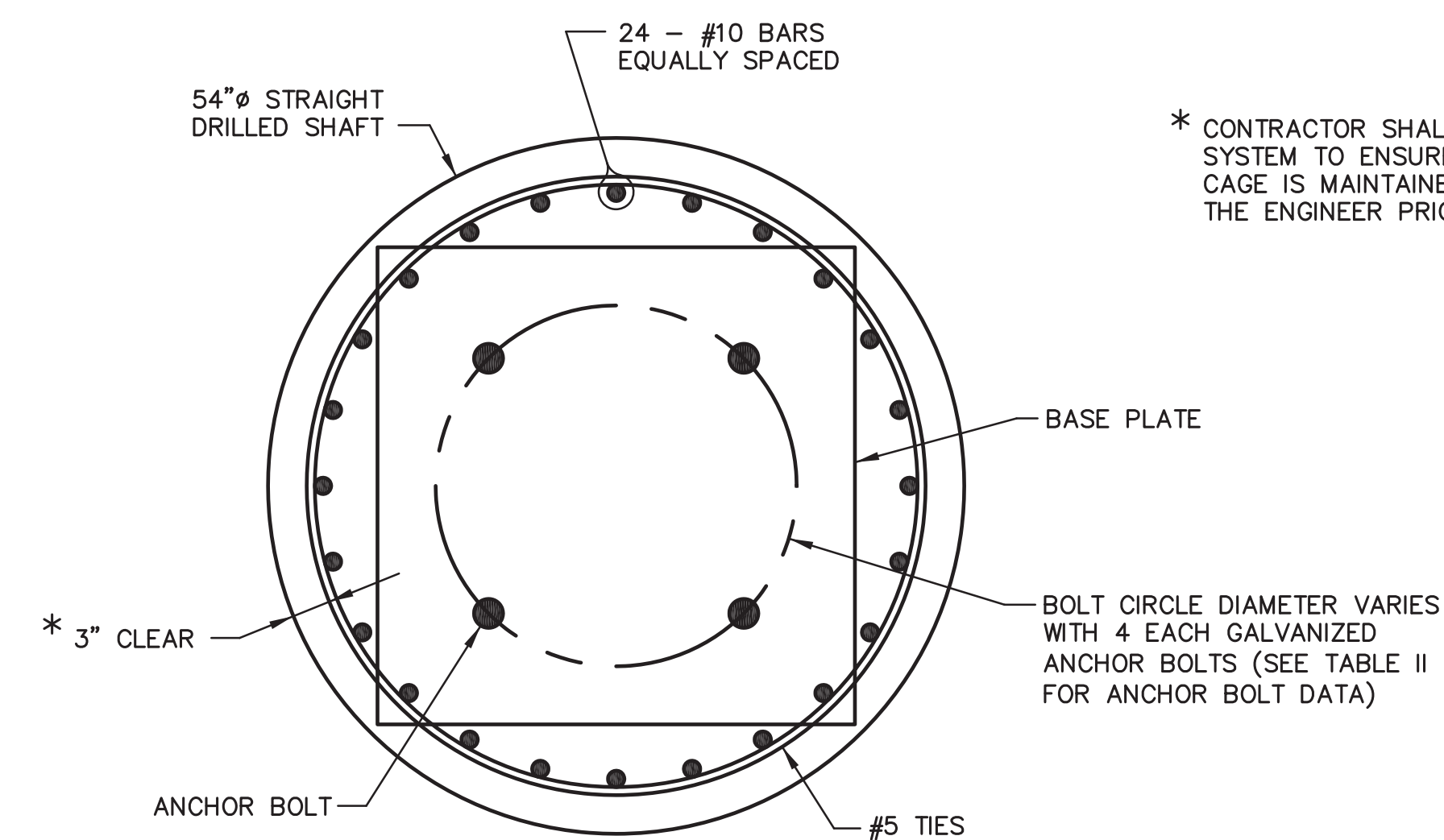
SECTION "A-A"
36" DRILLED SHAFT
1" = 1'-0"



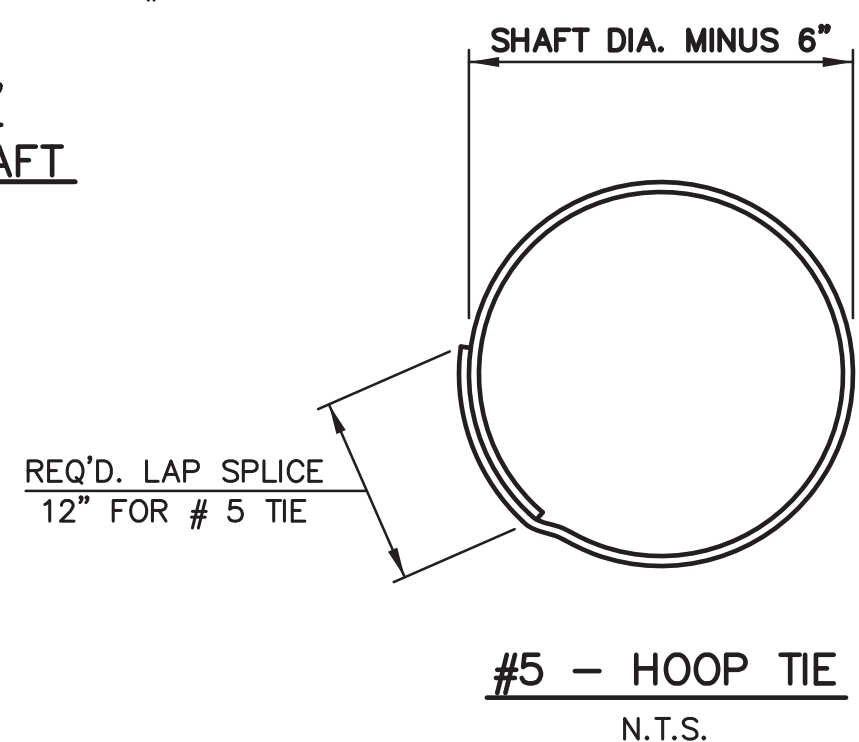
SECTION "A-A"
42" DRILLED SHAFT
1" = 1'-0"



SECTION "A-A"
48" DRILLED SHAFT
1" = 1'-0"

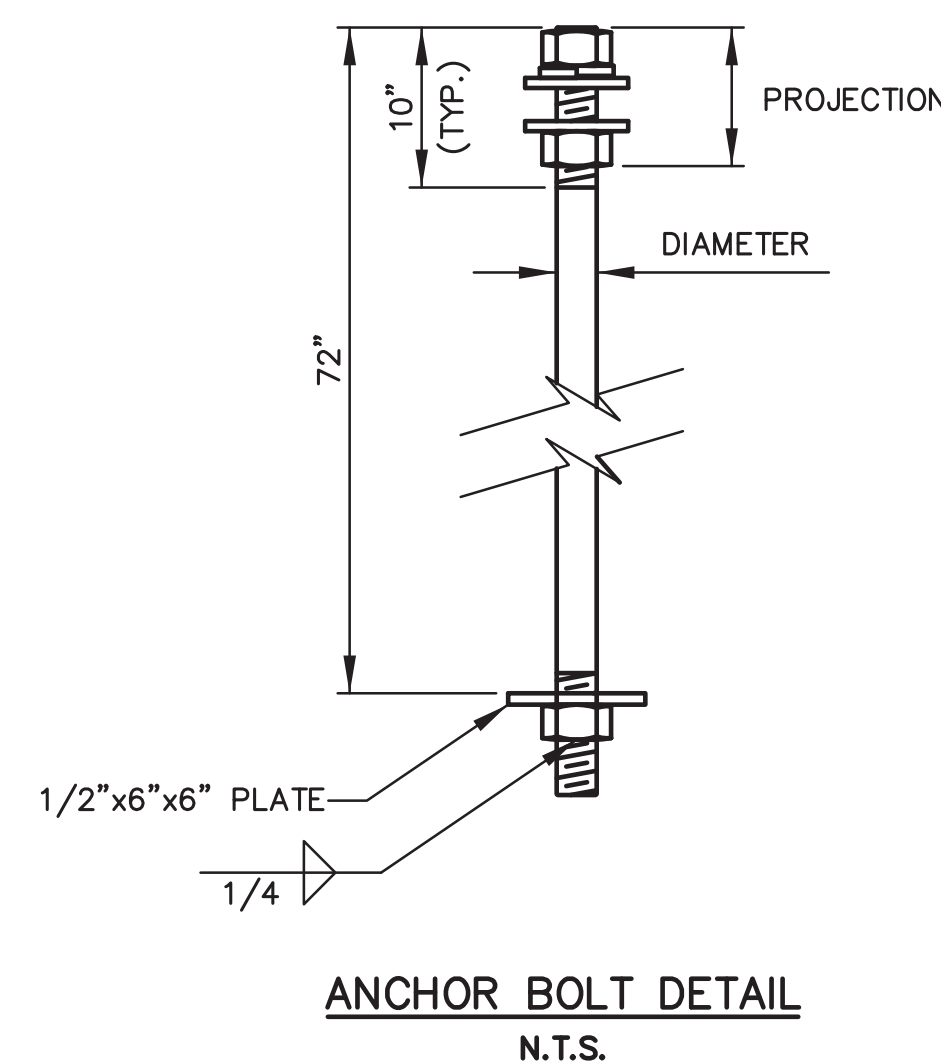


SECTION "A-A"
54" DRILLED SHAFT
1" = 1'-0"



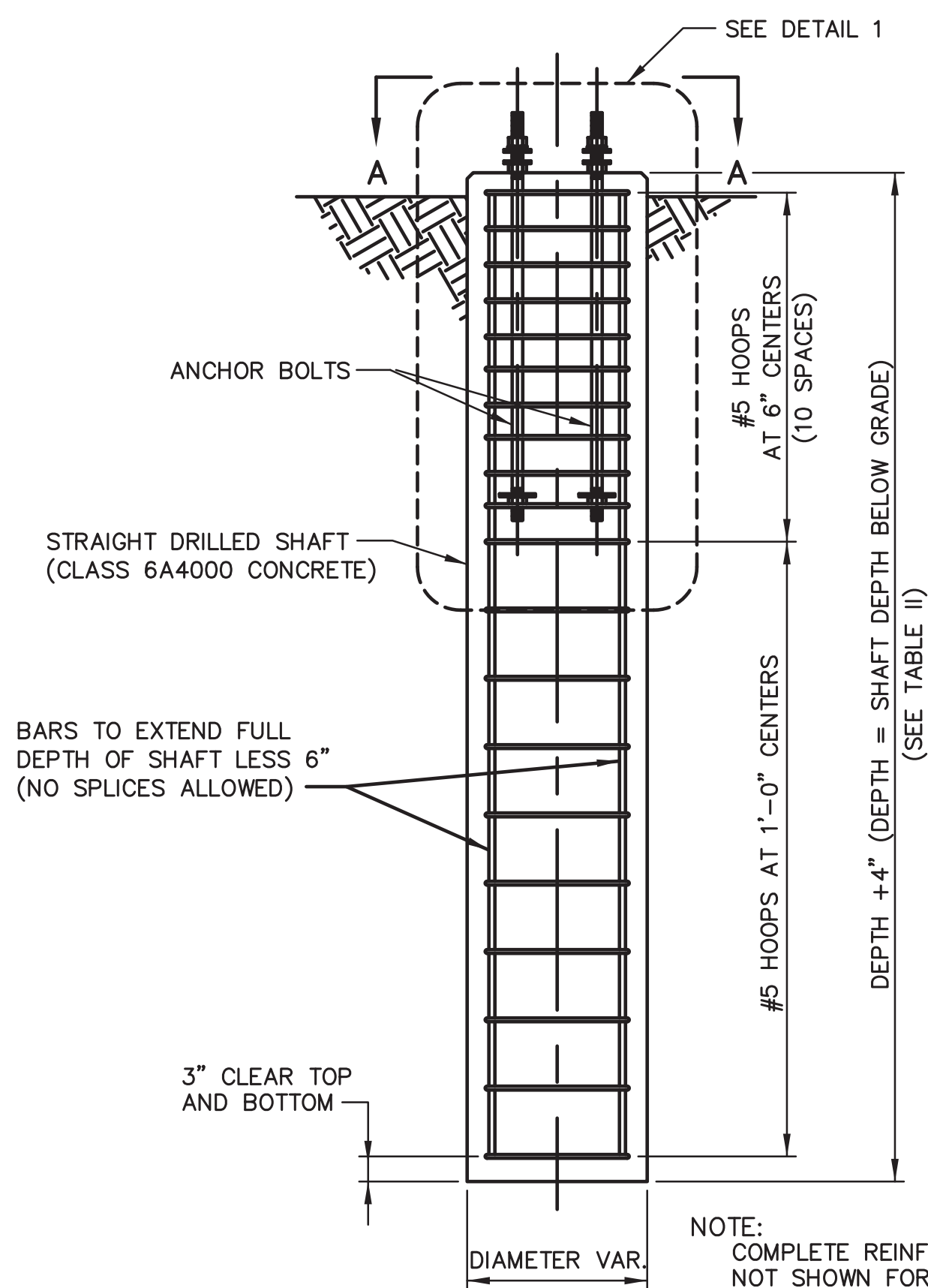
#5 - HOOP TIE
N.T.S.

* CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING A STANDOFF SYSTEM TO ENSURE THAT CLEARANCE AROUND REINFORCING STEEL CAGE IS MAINTAINED AT ALL TIMES. SYSTEM MUST BE APPROVED BY THE ENGINEER PRIOR TO DRILLING OF SHAFT.

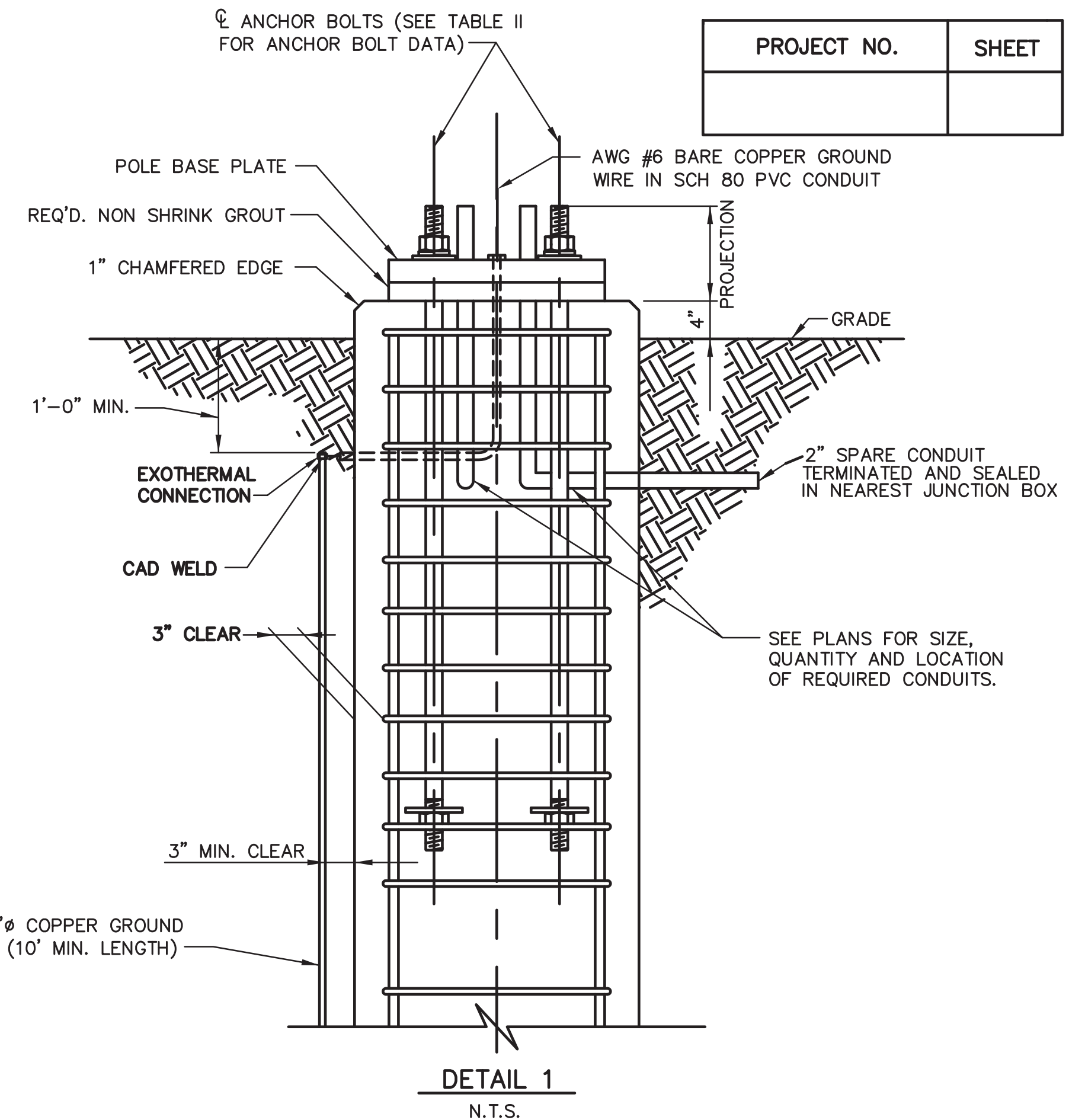


ANCHOR BOLT DETAIL
N.T.S.

NOTE:
EACH BOLT SHALL BE SUPPLIED WITH (3) HEX NUTS, (2) FLAT WASHERS, (1) LOCK WASHER, AND (1) PLATE (1/2"x6"x6").



ELEVATION OF DRILLED SHAFT FOUNDATION
N.T.S.



DETAIL 1
N.T.S.

TABLE II - DRILLED SHAFT AND ANCHOR BOLT SIZE (DUAL MAST ARM FOUNDATIONS)

MAST ARM LENGTH PRIMARY X SECONDARY feet	BOLT CIRCLE DIAMETER inches	BOLT DIAMETER inches	MINIMUM PROJECTION inches	AREA 1		AREA 2		AREA 3		AREA 4	
				SHAFT DIAMETER inches	SHAFT DEPTH feet	SHAFT DIAMETER inches	SHAFT DEPTH feet	SHAFT DIAMETER inches	SHAFT DEPTH feet	SHAFT DIAMETER inches	SHAFT DEPTH feet
20 X 20	16	1.75	7	30	16	30	16	30	14	30	14
25 X 20 TO 25 X 25	16	1.75	7	30	19	30	16	30	15	30	14
30 X 20 TO 30 X 30	16	2.00	8	36	19	30	18	30	16	30	15
35 X 20 TO 35 X 25	16	2.00	8	42	17	30	19	36	15	30	16
35 X 30 TO 35 X 35	22	2.00	8	42	17	36	17	36	17	36	14
40 X 20 TO 40 X 40	22	2.00	8	42	19	36	17	36	16	36	14
45 X 20 TO 45 X 35	22	2.00	8	48	17	36	19	36	19	36	16
45 X 40 TO 45 X 45	22	2.25	9	48	17	36	19	36	19	36	16
50 X 20 TO 50 X 40	22	2.25	9	48	20	42	19	42	17	36	18
50 X 45 TO 50 X 50	22	2.25	9	54	19	48	19	42	17	42	16
55 X 20 TO 55 X 35	28	2.25	9	54	19	48	19	42	19	42	17
55 X 40 TO 55 X 55	28	2.25	9	SPECIAL DESIGN REQ'D	48	19	42	19	42	17	17
60 X 20 TO 60 X 40	28	2.25	9	SPECIAL DESIGN REQ'D	48	19	42	19	42	19	19
60 X 45 TO 60 X 50	28	2.25	9	SPECIAL DESIGN REQ'D	SPECIAL DESIGN REQ'D	42	20	42	20	42	20
60 X 55 TO 60 X 60	28	2.50	10	SPECIAL DESIGN REQ'D	SPECIAL DESIGN REQ'D	48	18	48	18	48	18
65 X 20 TO 65 X 35	28	2.25	9	SPECIAL DESIGN REQ'D	48	20	48	19	48	19	19
65 X 40 TO 65 X 65	28	2.50	10	SPECIAL DESIGN REQ'D	SPECIAL DESIGN REQ'D	48	20	48	20	48	20

TABLE II NOTES:

- SEE SHEET 1 OF 4 FOR LOCATION AND DESCRIPTION OF SOIL PROFILE AREAS.
- SITE SPECIFIC SOIL BORINGS AND FOUNDATION DESIGN ARE REQUIRED FOR THE DRILLED SHAFTS INDICATED AS "SPECIAL DESIGN REQUIRED".
- SOILS IN AREAS 3 AND 4 ARE VARIABLE AND ONLY LIMITED DATA IS AVAILABLE. CIRCLES IN AREAS 3 AND 4 ON SHEET 1 OF 4 DENOTE AREAS IN WHICH SHALLOW SANDS ARE KNOWN. A SITE SPECIFIC SPT BORING OR OPT SOUNDING SHOULD BE MADE IN AREAS 3 AND 4 TO DETERMINE IF SHALLOW SANDS WILL BE ENCOUNTERED, IN WHICH CASE, SITE SPECIFIC DESIGN OF FOUNDATIONS WILL BE REQUIRED.
- FOR 48" AND 54" DIAMETER DRILLED SHAFTS, THE CONTRACTOR MAY INCREASE THE BOLT CIRCLE TO 34" IF NECESSARY TO ACCOMMODATE THE POLE BASE DIAMETER.
- IN LIEU OF THE 4-BOLT PATTERN SHOWN, THE CONTRACTOR MAY SUBSTITUTE 6 EQUALLY SPACED 2.00" DIAMETER BOLTS.
- IN LIEU OF THE 4-BOLT PATTERN SHOWN, THE CONTRACTOR MAY SUBSTITUTE 8 EQUALLY SPACED 2.00" DIAMETER BOLTS.

DATE	DESCRIPTION	BY

STANDARD PLAN NO. 906-04	DATED DECEMBER 3, 2008	SHEET NO. 3 OF 4
SIGNAL POLE FOUNDATION DETAILS (DUAL MAST ARMS)		
ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS CITY OF BATON ROUGE & PARISH OF EAST BATON ROUGE		
DESIGNED H. THOM	DRAWN D.F. HEBERT	CHECKED H. THOM
		APPROVED T. STEPHENS