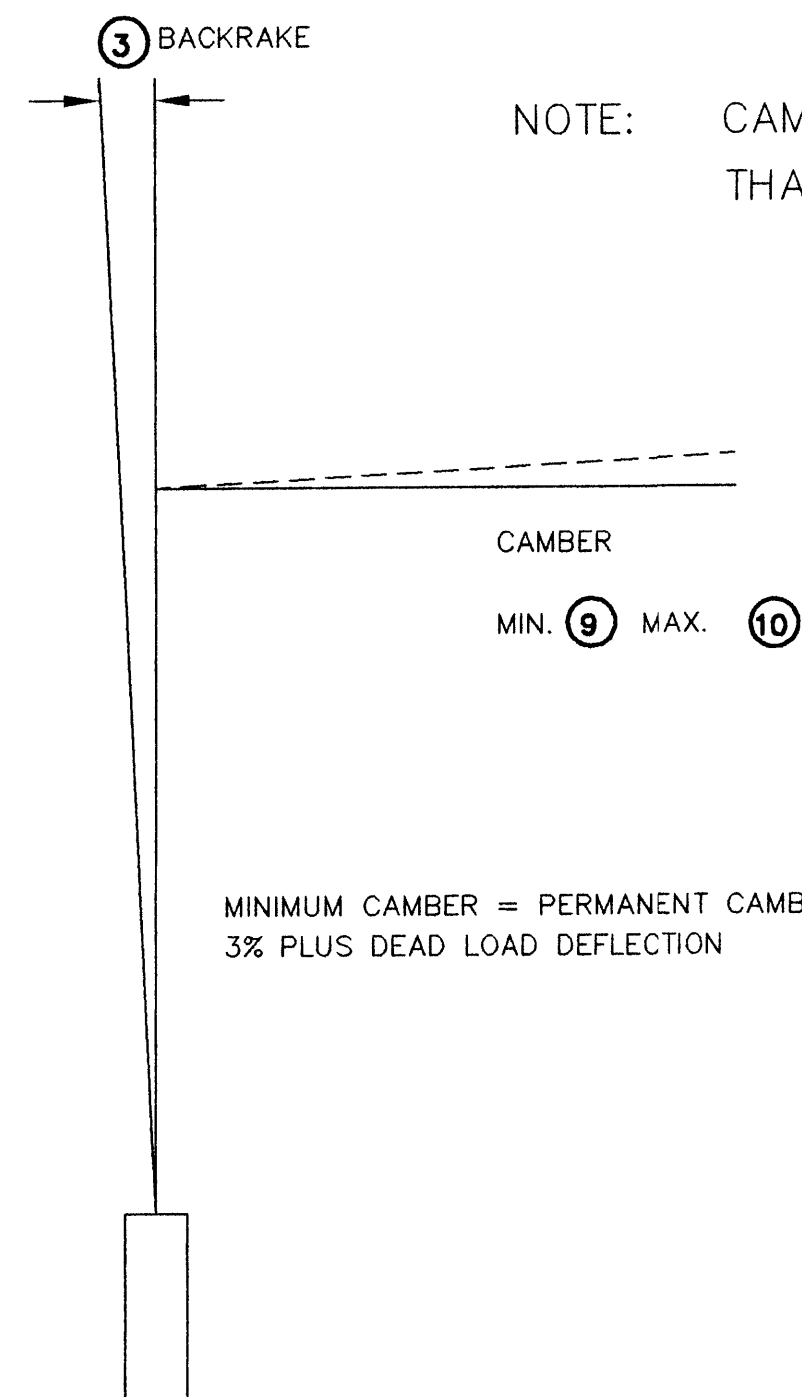


- POLE BASE DIAMETER (4)
- POLE GAUGE (5)
- POLE TAPER RATE (6)
- ARM DIAMETER (11)
- ARM GAUGE (12)
- ARM TAPER RATE (13)

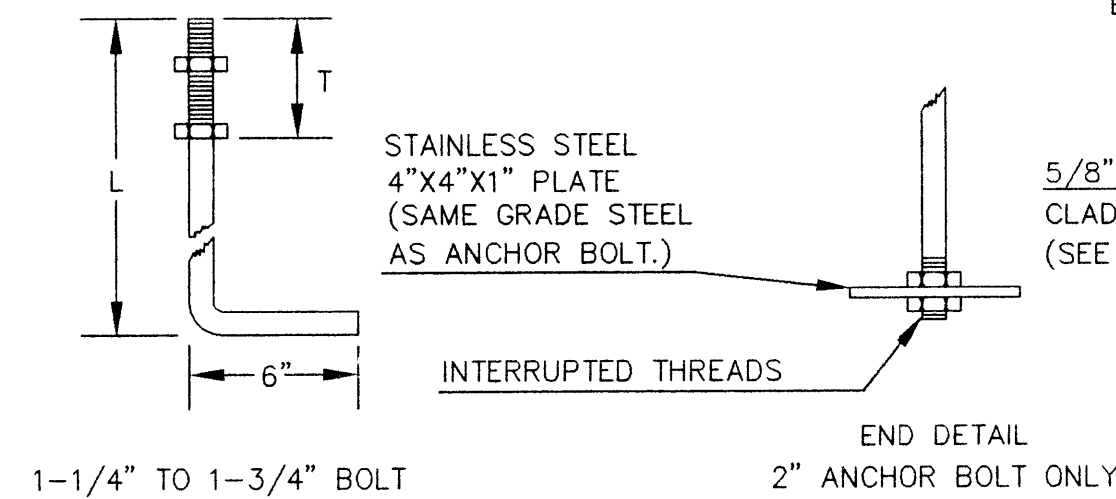


NOTE: CAMBER & BACKRAKE MUST BE DESIGNED SUCH THAT ARMS WILL MEET AT CONNECTION PLATE.

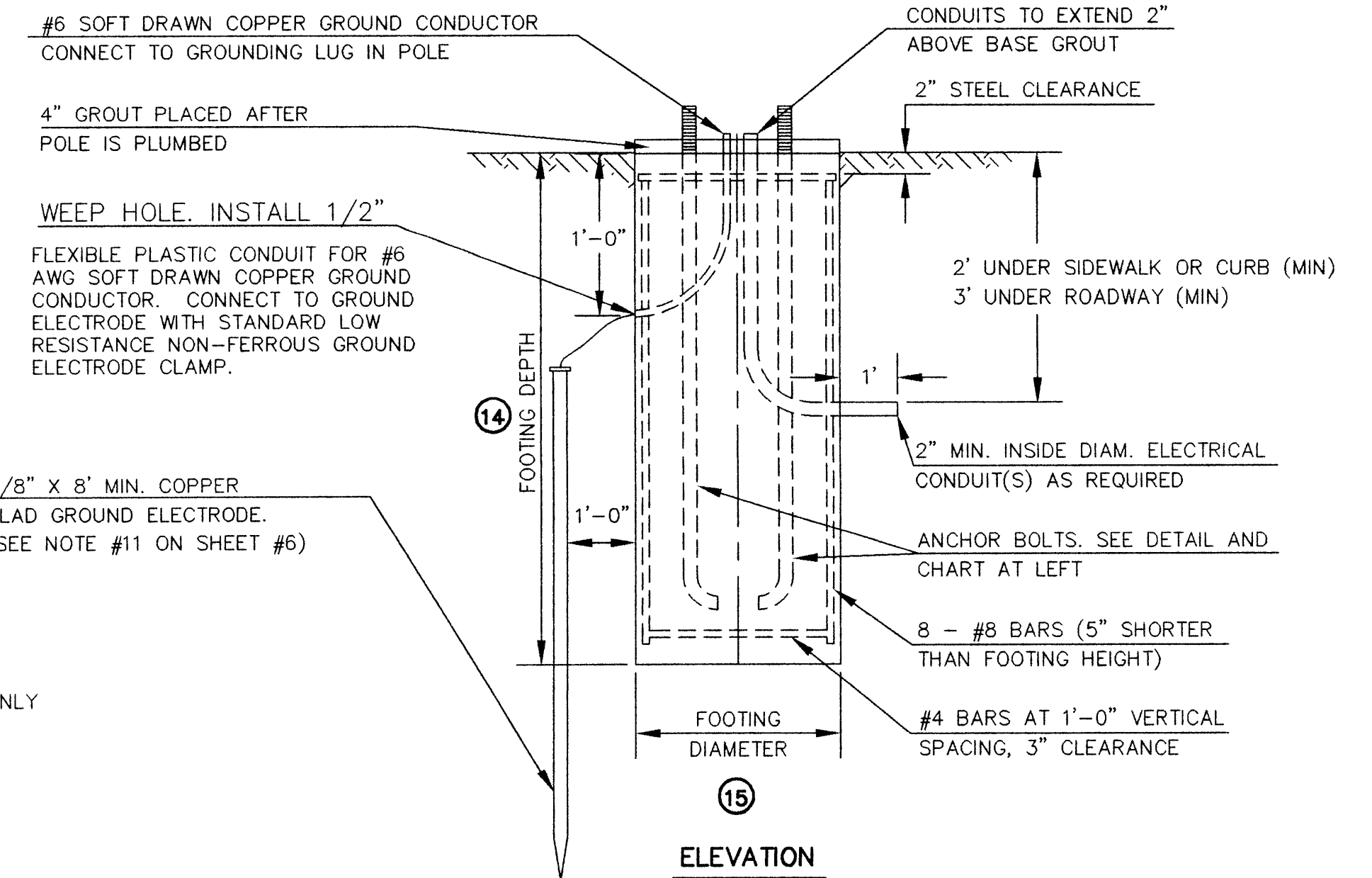
CAMBER AND BACKRAKE DATA

SEE SHEET 32 FOR CROSS SECTION

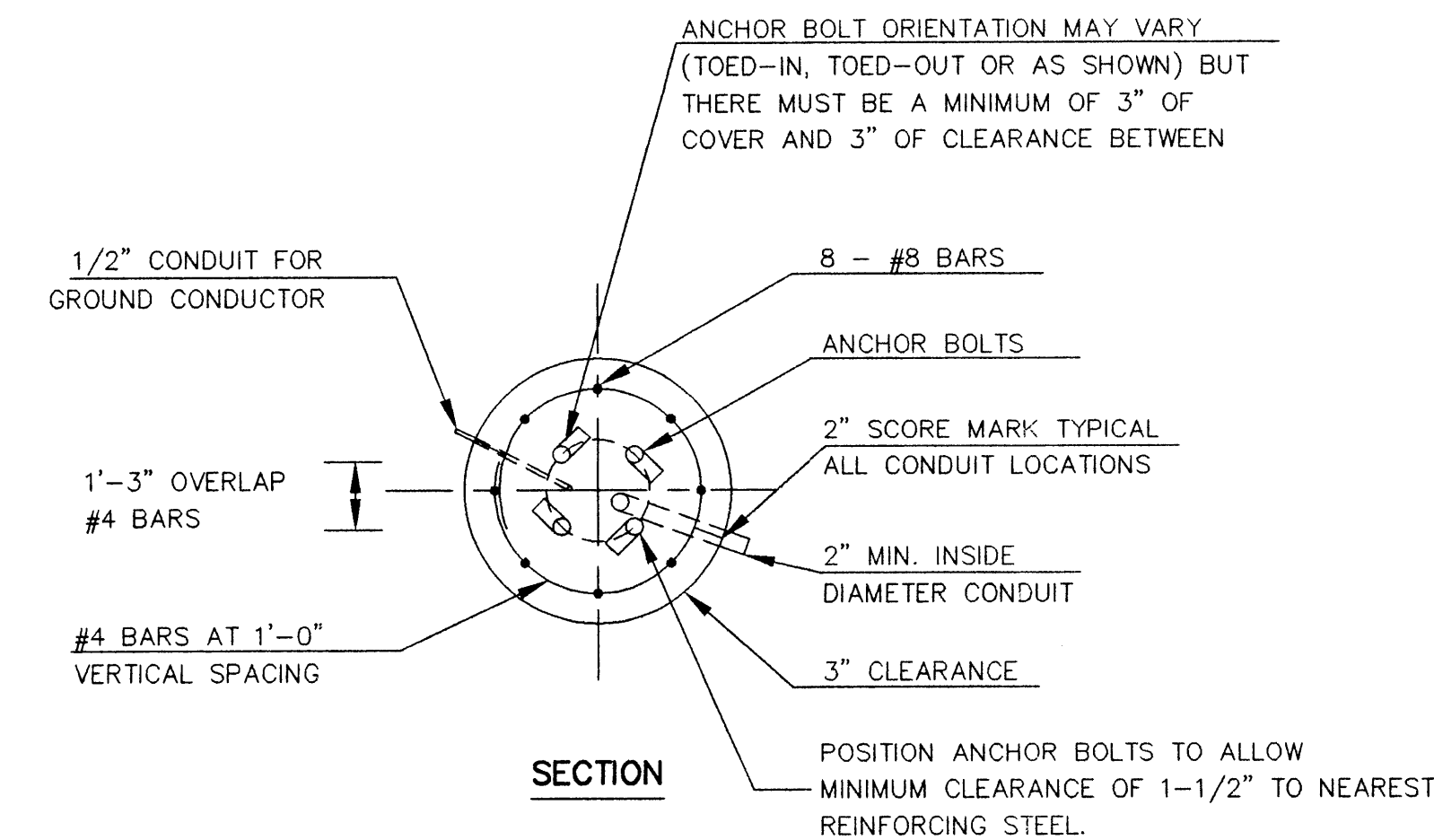
ANCHOR BOLT DETAIL		
SIZE	L(IN)	T(IN)
1-1/4" X 48"	42	8
1-1/2" X 60"	54	9
1-3/4" X 90"	84	9
2" X 96"	96	9



ANCHOR BOLT DETAIL



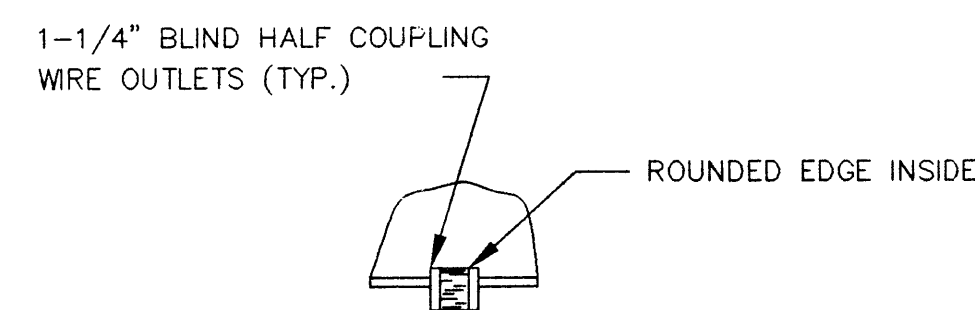
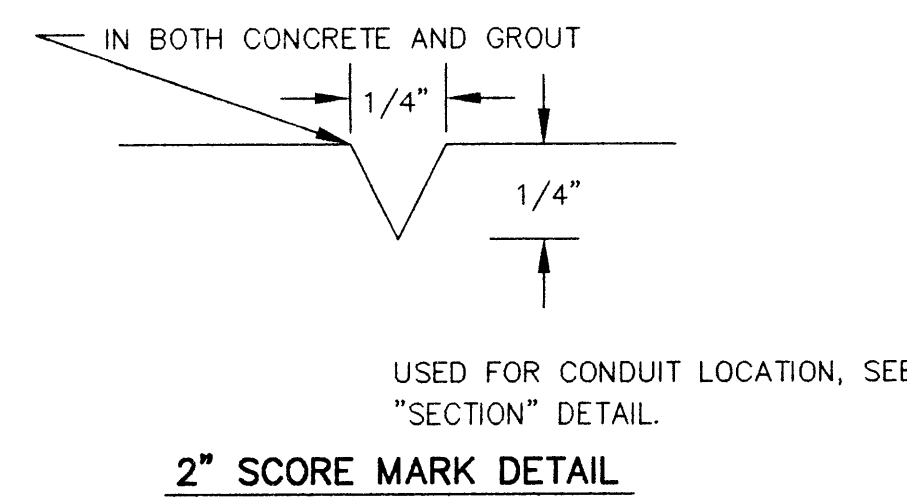
ELEVATION



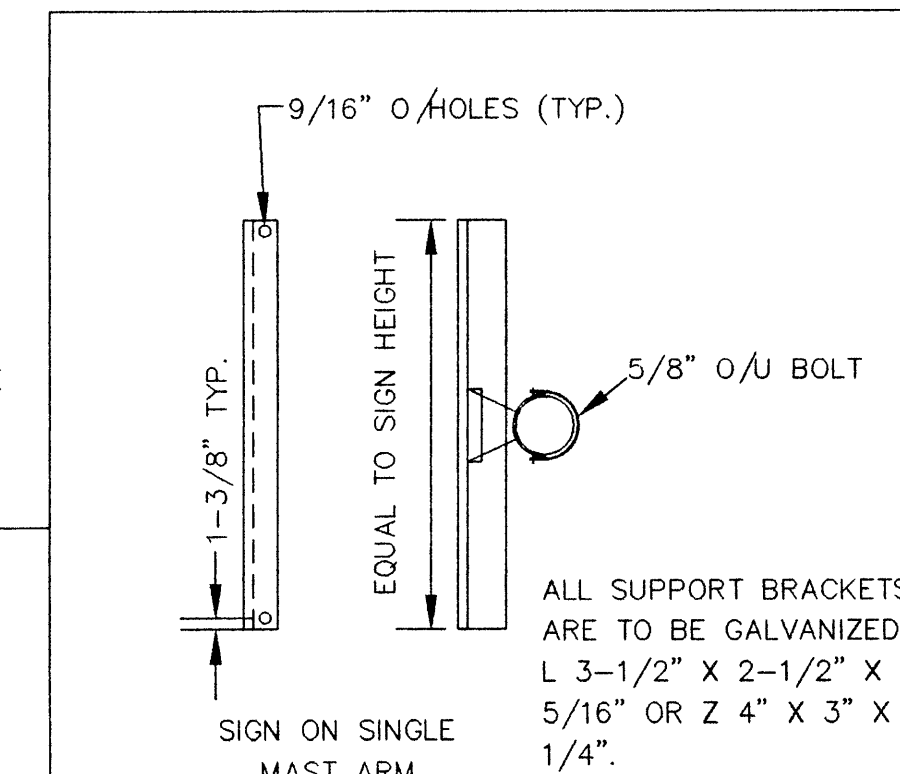
SECTION

CANTILEVER FOOTING DETAIL

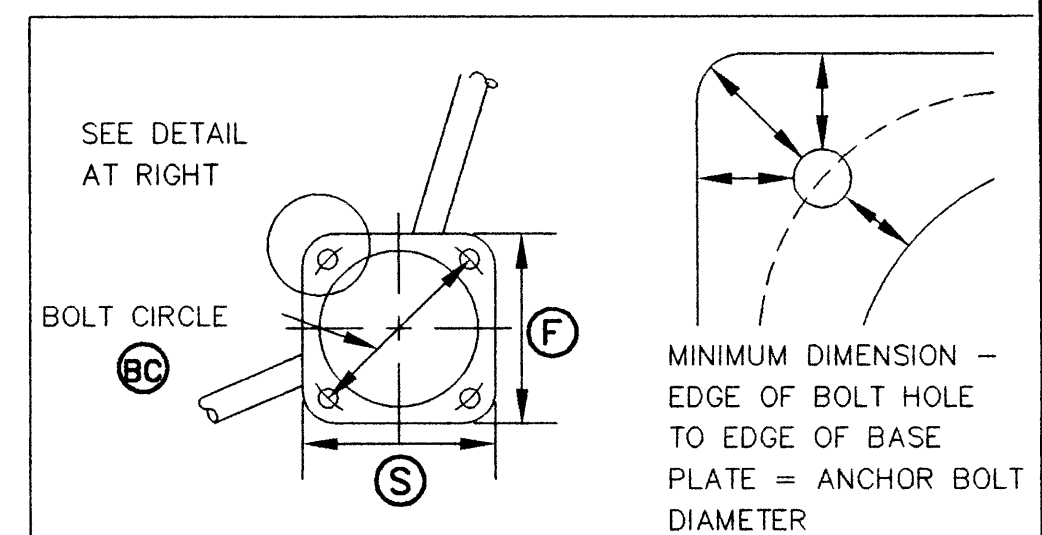
(SPREAD FOOTINGS OR PILES ARE OPTIONAL)



DETAIL A



SIGN BRACKET DETAILS



POLE BASE AND BASE PLATE DETAIL

CONTRACT PLANS

VERMONT AGENCY OF TRANSPORTATION
WILLISTON NHG 5500 (10)S
"TAFT CORNERS"
(US ROUTE 2 / VT ROUTE 2A)

WILLISTON VERMONT

MAST ARM DESIGN
CANTILEVER FOOTING

LAMOUREUX & DICKINSON
Consulting Engineers Inc.
14 Morse Drive
Essex Junction, VT 05452
(802) 878-4450
Engineers-Planners-Surveyors

design RJD/JLC
drawn JLC
checked RJD
scale 1"=20'
shl. no. 33

STRUCTURE DIMENSIONS

POLE #	POLE DATA							ARM DATA						FOOTING DATA		BASE PLATE/BOLT DATA						ANCHOR BOLT SIZE	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(SC)	(F)	(S)	(T)	(P)			
1																							
2																							

DIMENSIONS TO BE FILLED IN BY CONTRACTOR AS PART OF SHOP DRAWING SUBMITTAL

SEE NOTES 15 & 16 SHEET 34