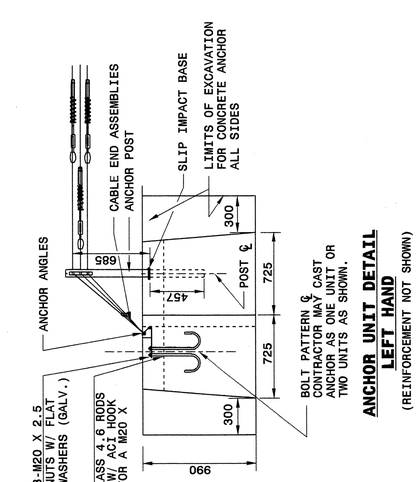
METRIC

METRIC DETAIL DRAWING FOR
CABLE GUIDERAIL
ANCHOR DETAILS

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

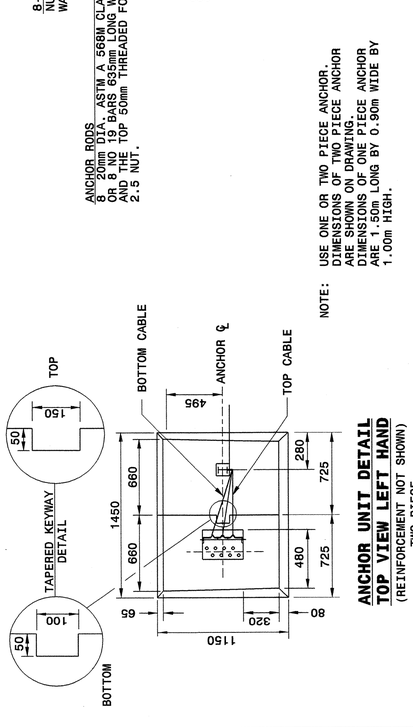


ANCHOR UNIT DETAIL
LEFT HAND
(REINFORCEMENT NOT SHOWN)
TWO PIECE

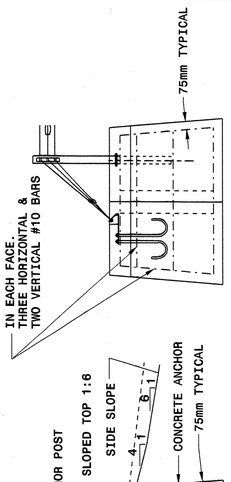
ANCHOR RODS TO BE ASTM A 568M CLASS 4.6 RODS OR 8 NO 19 BARS 635mm LONG W/ ACI HOOK AND THE TOP 50mm THREADED FOR A M20 X 2.5 NUT.

USE ONE OR TWO PIECE ANCHOR. DIMENSIONS OF TWO PIECE ANCHOR ARE SHOWN ON DRAWING. DIMENSIONS OF ONE PIECE ANCHOR ARE 1.50m LONG BY 0.90m WIDE BY 1.00m HIGH.

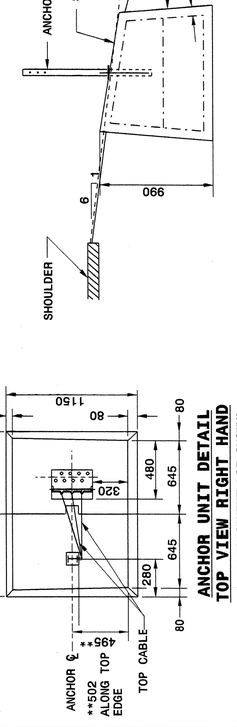
NOTE: SET THE CONCRETE ANCHOR INTO THE EXCAVATION AS DETAILED. THE BOTTOM OF THE ANCHOR MUST HAVE A FULL AND EVEN BEARING ON THE SURFACE UNDER IT SO THAT IF THE CONTRACTOR ELECTS TO PLACE THE ANCHOR IN TWO SECTIONS, THERE WILL BE LITTLE OR NO DIFFERENTIAL SETTLEMENT. IF THE CONTRACTOR ELECTS TO PLACE THE ANCHOR IN TWO SECTIONS, PLACE THE TOPS OF BOTH SECTIONS ON THE SAME PLANE. AFTER THE ANCHOR IS IN PLACE, BACKFILL THE EXCAVATION.



ANCHOR UNIT DETAIL
TOP VIEW LEFT HAND
(REINFORCEMENT NOT SHOWN)
TWO PIECE



ANCHOR UNIT & RE-BAR INSTALLATION DETAIL

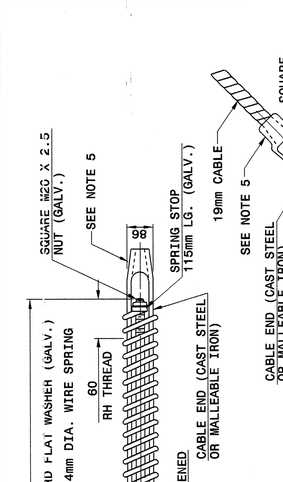


ANCHOR UNIT DETAIL
TOP VIEW RIGHT HAND
(REINFORCEMENT NOT SHOWN)
TWO PIECE

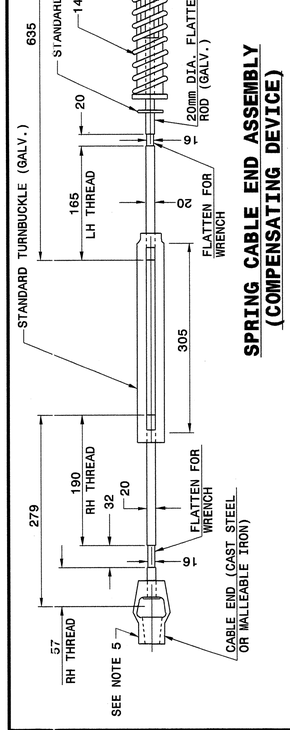
Note:
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

METRIC DETAIL DRAWING FOR
CABLE GUIDERAIL
ANCHOR DETAILS

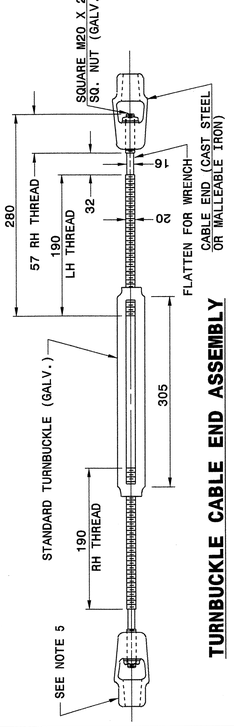
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.



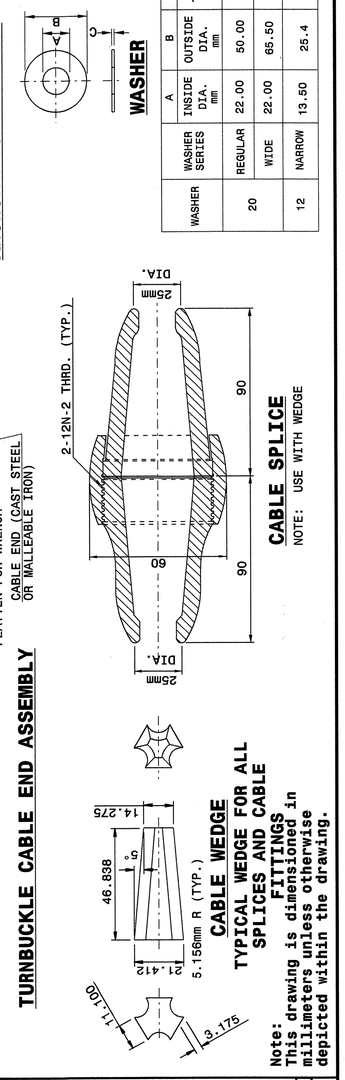
CABLE END ASSEMBLY TO ANCHOR ANGLE DETAIL



SPRING CABLE END ASSEMBLY
(COMPENSATING DEVICE)



TURNBUCKLE CABLE END ASSEMBLY



CABLE WEDGE
TYPICAL WEDGE FOR ALL SPLICES AND CABLE FITTINGS

CABLE SPLICE
NOTE: USE WITH WEDGE

WASHER	WASHER SERIES	A INSIDE DIA. mm	B OUTSIDE DIA. mm	C THICKNESS mm
20	REGULAR	22.00	50.00	4.00
	WIDE	22.00	65.50	4.80
12	NARROW	13.50	25.4	2.4

WASHER

Note:
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

NORTH CAROLINA PROFESSIONAL SEAL 19761 ENGINEER CYNTHIA B. PERRY
3/21/05

DESIGN SERVICES UNIT
STANDARDS AND SPECIAL DESIGN
Office 919-250-4128 FAX 919-250-4119

SEE PLATE FOR TITLE

ORIGINAL BY: 2002 STANDARDS DATE: 1-15-02
MODIFIED BY: E.E. WARD DATE: 4-07-04
CHECKED BY: C.B. Perry DATE: 4-14-04
FILE SPEC.: /usr/std/02stds to details/metric/86501/0865d01.dgn

14-APR-2004 08:15
W:\Special Details\Version\stds\02 Stds to Special Details\metric\86501\0865d01m.dgn
.driword AT 0621268