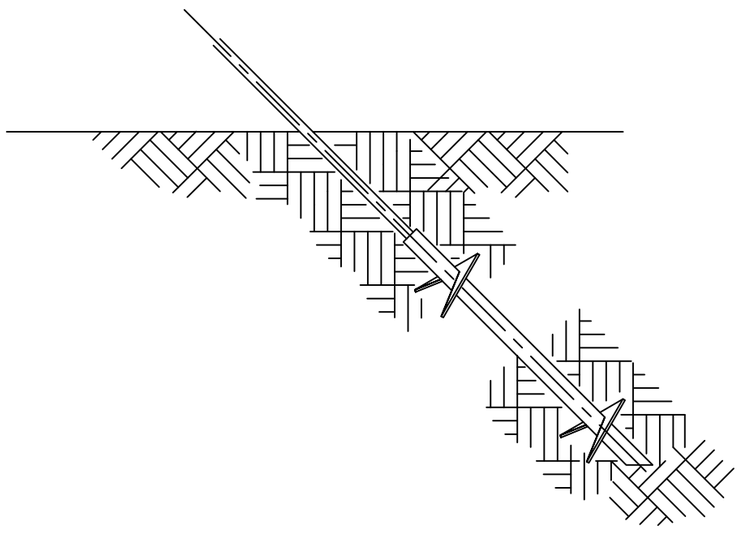
AMENDMENTS		
A	ORIGINAL ISSUE	
J R No.	NA	
D	DR'N	C.R.T.
	CH'D	C.R.T.
	DATE	14–12–94
	JR No	930208
NOTES REVISED.		
SEO	C.H.B.	
E	DR'N	C.R.T.
	CH'D	C.R.T.
	DATE	01–8–95
	JR No	950099
DRG SIZE WAS OH.		
SEO	C.H.B.	
F	DR'N	C.R.T.
	CH'D	C.R.T.
	DATE	03–1–97
	JR No	960080
SHEET WAS A2.		
MPDO	CHB	
G	DR'N	RJH
	CH'D	RJH
	DATE	01–11–99
	JR No	WX011240
ANCHOR TYPE SA & NOTE 5 ADDED.		
MDA	GJB	
H	DR'N	S.F
	CH'D	R.D
	DATE	30–09–24
	JR No	N/A
REPLACED STOCK CODE BY MATERIAL NO.		
EDM	K.S	



ANCHORAGE TYPE SA
(SCREW ANCHOR)
REFER NOTE 5

NOTES

1. ANCHORAGE TYPE GR (GROUTED ROD):
   THIS ANCHORAGE SUITABLE FOR RODS GROUTED INTO SOLID ROCK TO DEPTH SHOWN IN TABLE. GROUT MIXTURE TO BE 2:1.
   SQUARE BEARING PLATE SHOWN ON STAY ROD FABRICATION DETAIL DRAWING NOT REQUIRED FOR THIS ANCHORAGE.

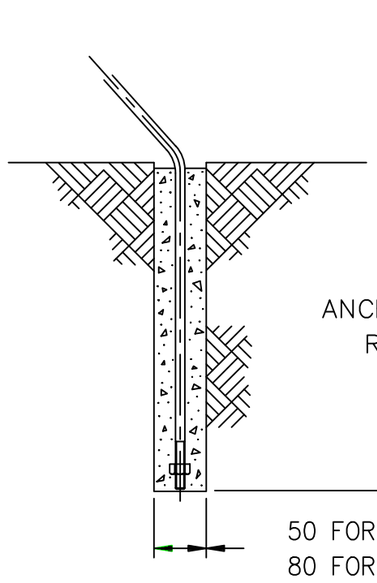
2. ANCHORAGE TYPE CR (CONCRETED ROD):
   THIS ANCHORAGE SUITABLE FOR RODS SET IN POOR ROCK OR THIN ROCK LAYERS TO DEPTH SHOWN IN TABLE.
   ROD TO BE BENT WITHIN THE CONCRETE FILL AS SHOWN.
   SQUARE BEARING PLATE SHOWN ON STAY ROD FABRICATION DETAIL DRAWING MUST BE FITTED TO THIS ANCHORAGE.
   FILL TO BE ROCKS BOUND WITH 4:2:1 CONCRETE MIXTURE.

3. ANCHORAGE TYPE BL (BED LOG):
   REFER AERIAL AND GROUND STAY DESIGN DETAIL DRAWING FOR LOG DIMENSIONS. LOG TO BE OF DURABLE HARDWOOD, TREATED WITH CREOSOTE OR EQUIVALENT. DEPTH OF HOLE TO BE AS SHOWN IN TABLE.
   LOG TO BEAR AGAINST UNDISTURBED SOIL. SQUARE BEARING PLATE SHOWN ON STAY ROD FABRICATION DETAIL DRAWING MUST BE FITTED TO THIS ANCHORAGE.

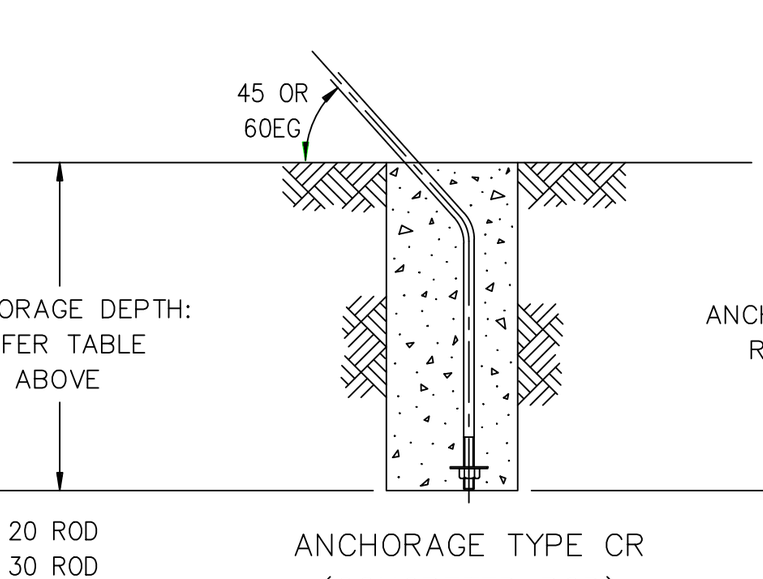
4. ANCHORAGE TYPE CB (CONCRETE BLOCK):
   THIS ANCHORAGE TO BE USED ONLY IN GOOD BEARING SOIL WHERE TOTAL CONDUCTOR TENSION DOES NOT EXCEED 30kN.
   SQUARE BEARING PLATE SHOWN ON STAY ROD FABRICATION DETAIL DRAWING MUST BE FITTED TO THIS ANCHORAGE.
   HOLE TO BE BORED USING MINIMUM 300mm AUGER TO DEPTH SHOWN IN TABLE AND PREFERABLY BORED AT AN ANGLE AS SHOWN.
   HOLE TO BE FILLED USING ROCKS BOUND WITH 4:2:1 CONCRETE MIXTURE.

5. ANCHOR TYPE SA (SCREW ANCHOR):
   THIS ANCHORAGE TO BE USED IN GOOD BEARING SOIL (SINGLE HELIX TYPE) OR POOR BEARING SOIL (DOUBLE HELIX TYPE).
   THE ANCHORS MUST BE INSTALLED TO THE MANUFACTURERS INSTRUCTIONS USING A TORQUE LIMITING TOOL.
   NO MORE THAN 300mm OF THE STAY ROD SHALL PROTRUDE ABOVE GROUND LEVEL AFTER INSTALLATION.

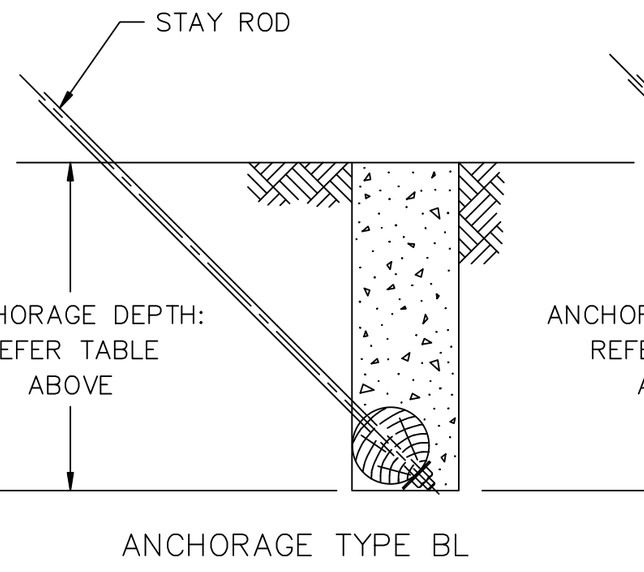
ANCHORAGE DEPTH						STAY ROD SELECTION				
ANCHORAGE TYPE GR		ANCHORAGE TYPE CR		ANCHORAGE TYPE BL OR CB						
STAY ANGLE IN SOLID ROCK		STAY ANGLE IN POOR ROCK		STAY ANGLE IN SOIL		STAY ROD TYPE	ROD DIA	ROD LENGTH (mm)	PART NUMBER	DRAWING NUMBER
45EG	60EG	45EG	60EG	45EG	60EG					
1400	1400	1400	1800	1500	900	20SR2300	20	2300	1000008013	241003
1700		1800		1900		30SR2800	30	2800	1000000478	052507



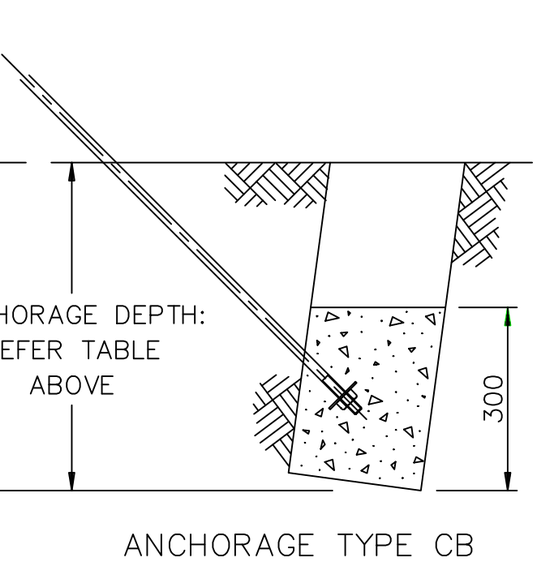
ANCHORAGE TYPE GR
(GROUTED ROD)
REFER NOTE 1



ANCHORAGE TYPE CR
(CONCRETED ROD)
REFER NOTE 2



ANCHORAGE TYPE BL
(BED LOG)
REFER NOTE 3



ANCHORAGE TYPE CB
(CONCRETE BLOCK)
REFER NOTE 4

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ORIGINAL SCALE NONE

APPROVED C.BROWN

DRAWN	C.R.T.		
DATE	14–12–94		
CH'D	C.R.T.		

Endeavour Energy

AERIAL & GROUND STAY DESIGN DET 011976

REFERENCE DRAWINGS

DO NOT SCALE
DIMENSIONS IN MILLIMETRES

AUTHORISED W.Isley

MAINS DEVELOPMENT MANAGER 04–08–95

OVERHEAD CONSTRUCTION
GROUND STAY
ANCHORAGE DETAIL

A2P 011990 H

SHEET No 1 OF 1 SHEETS