



TYPICAL ROCK DOWEL FOR CONCRETE BASE (TYPE C ANCHOR)
NOT TO SCALE

TYPICAL ROCK ANCHOR FOR GABION WALL (TYPE A ANCHOR)
NOT TO SCALE

TABLE I : ANCHOR/DOWEL INSTALLATION SCHEDULE

TYPE	DESCRIPTION	HOLE DIAMETER (D ²) (IN)	BAR DIAMETER (D ¹) (IN)	DOWEL SPACING (FT)	INCLINATION (DEGREES) TO HORIZONTAL	EMBEDMENT LENGTH (FT) IN SOUND ROCK	EMBEDMENT LENGTH (FT) IN SOIL	DOWEL PRE-TENSIONING LOAD (DL)
A	ROCK ANCHOR (FOR GABION)	4" MIN	1"	8'	30° FROM HORIZONTAL	10 (MIN.)	VARIES	11.2Kips
B	SOIL ANCHOR (FOR WIRE/MESH)	4" MIN	1"	8'	63° FROM HORIZONTAL	0	14'	5.6Kips
C	ROCK DOWEL (FOR CONCRETE)	4" MIN	1"	5'	45° FROM HORIZONTAL	10 (MIN.)	0	0

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 PROJECT LEADER: K. HIGGINS
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 SHEET 15 OF 20
 DETAIL SHEET - 1