

NOTES

GENERAL

- 1. UNO = UNLESS OTHERWISE ON THIS DRAWING.
- 2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT STRUCTURE DRAWINGS.
- 3. ALL MATERIAL SPECIFICATIONS SHALL BE AS PER PTA CODE OF PRACTICE 8190-800-006
- 4. PTA SUB-ASSEMBLY CATEGORY NUMBER OBTAINED BY ADDING DIMENSION 'L' IN CENTIMETRES TO CAT No. 040/223 (i.e. 040/223/'L').
 - e.g. FOR A MEMBER OF DIMENSION 1200mm WITH CAST-IN FERRULES, CAT No. = 040/223/120. SEE ALLOCATION TABLE BELOW.
- 5. OUTRIGGER ARRANGEMENT TO BE VERIFIED AT EACH LOCATION IN ORDER TO ENSURE STRUCTURAL AND MAXIMUM DEFLECTION COMPLIANCE WITH
 - PTA CODES OR PRACTICE
 - AUSTRALIAN STANDARDS
- 6. S.O.P. = SETTING OUT POINT.

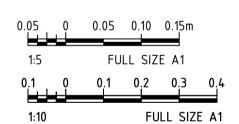
RELEVANT:

BOLTING

- 1. FIXINGS SPECIFICATIONS AS OUTLINED IN THE COMPONENT DRAWINGS.
- 2. RECOMMENDED TIGHTENING TORQUE:
 - M20 STAINLESS STEEL BOLT 350Nm (NOTE 3)
- 3. TO PREVENT GALLING OF THE STAINLESS STEEL BOLT DURING TIGHTENING. LOCTITE LB8009 OR SIMILAR IS TO BE APPLIED TO THE STAINLESS STEEL BOLT ASSEMBLY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.

STRUCTURAL FIXINGS

- 1. DRILLING TO BE CARRIED OUT FOLLOWING APPROVED METHODOLOGY.
- 2. MINIMUM EMBEDMENT OF THE CHEMICAL ANCHOR TO BE 120mm.
- 3. ALL ANCHOR COMPONENTS ARE TO BE GRADE 316 STAINLESS STEEL.
- 4. RESIN ANCHORS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS.
- 5. MINIMUM RECOMMENDED BASE PLATE CENTRE TO CONCRETE EDGE DISTANCE TO BE 500mm.
- 6. FOR STAINLESS STEEL FERRULE DETAIL, REFER TO RELEVANT STRUCTURAL DESIGN PACKAGES.



150SHS6 OUTRIGGER SUPPORT FRAME 217/037/'L' 148/157/996 INJECTABLE ADHESIVE EPOXY ANCHOR RESIN 300 299/700/020 M20 STAINLESS STEEL THREADED ANCHOR - 260mm LONG 3 150/020/200 4 M20 STAINLESS STEEL THREADED BAR - 200mm LONG 150/327/020 5 M20 STAINLESS STEEL FLAT WASHER 150/326/020 M20 STAINLESS STEEL SPRING WASHER 150/282/020 7 M20 STAINLESS STEEL HEX NUT SUB-ASSEMBLY CAT No. LABEL QTY SUB-ASSEMBLY DESCRIPTION

SUB-ASSEMBLY CAT No.	DIMENSION	DIMENSION RANGE (mm)		
		MIN	MAX	
217/037/'L'	'L'	400	2500	

A 05.05.23 ISSUED FOR FDDR CKL AT REV DATE **AMENDMENT** DSN DRN CHK APP ORIG SIZE 0 10 20 30 40 50 This document must not be copied without PTA's written rmission, and the contents thereof must not be imparted t a third party nor be used for any unauthorised purpose. AT ORIGINAL PLOT SIZE



REFERENCES	SCALE		DESIGNED	M. WONG	
	1:5, 1:10		DRAWN	C. K. LOKE	
	DATUM		CHECKED	A. TAY	,
	HORIZONTAL: VERTICAL:	PCG20 AHD71	APPROVED N	ARMSTRONG	(
			DATE	AITISTITOITU	

DETAILED DESIGN Government of Western Australia Public Transport Authority MORLEY ELLENBROOK LINE

OVERHEAD LINE EQUIPMENT 150 SHS FIXED WALL OUTRIGGER ARRANGEMENT 040/223

00-H-08-1515 | Rev: PTA Drawing No: