


TYPICAL BACK TO BACK STRUCTURE

DESCRIPTION	000/103	000/102	SSR (PREVIOUS 000/105)
EARTH WIRE	(CWH+1750) 6650	(CWH+1750) 6650	(CWH+1450) 6350
RETURN CONDUCTORS	(CWH+1350) 6250	(CWH+1350) 6250	(CWH+600) 5300
TOP CANTILEVER BRACKET	(CWH+1050) 5950	(CWH+1050) 5950	(CWH+1050) 5750
CATENARY WIRE	5800	5800	5600
CONTACT WIRE	4900	4900	4700
BOTTOM CANTILEVER BRACKET	(CWH-300) 4600	(CWH-300) 4600	(CWH) 4700 PULL OFF
			(CWH-100) 4600 PUSH OFF
MAST TOP		(CWH+ 1700)	

- NOTES:
- FOR TANGENT TRACK THE NORMAL CONTACT WIRE STAGGER IS 230mm FROM ϵ PANTOGRAPH AND TRACK WITH THE CATENARY DIRECTLY OVER THE CONTACT WIRE.
 - FOR CURVED TRACK THE CATENARY IS DIRECTLY OVER THE CONTACT WIRE AND THE NORMAL CONTACT WIRE STAGGER IS EQUAL TO THE STRING LINE IN THE ADJACENT SPANS UP TO 350mm MAX STAGGER.
 - FOR STAGGER PURPOSES, TANGENT TRACK IS WHERE STRING LINE IS LESS THAN 50mm FOR SPANS BEING CONSIDERED.
 - NORMAL ENCUMBRANCE (CATENARY TO CONTACT) WILL BE 0.9m.
 - FOR TANGENT TRACK, PREFERRED STAGGER ARRANGEMENT IS TO HAVE BOTH CONTACTS STAGGERED TOWARD MAST THEN AWAY (IE. TWIN PULL-OFF CANTILEVERS FOLLOWED BY TWIN PUSH-OFF CANTILEVERS.
 - REFERS TO PTA CODE OF PRACTICE: 8190-800-001 PART A.

					MEETS PTA REQUIREMENTS					SCALE :		NETWORK & INFRASTRUCTURE				<div><div>Government of Western Australia Public Transport Authority</div></div> <div>OVERHEAD LINE EQUIPMENT BACK TO BACK CANTILEVER ARRANGEMENT 000/102 PTA DRG No : 00-H-08-0054 REV : 1</div>
					<i>S PANG</i> SENIOR OVERHEAD ENGINEER					NTS (@ A3)		DESIGNED VARIOUS		APPROVED FOR ISSUE		
					Date <i>10.04.14</i>					DATUM :		DRAWN K COLLETTE		ELECTRICAL ENGINEERING MANAGER		
					Title 03					VERTICAL: AHD71		CHECKED		Date <i>10.04.14</i>		
					Date					0 5 10 15 20 25 50mm				This document must not be copied without PTA's written permission, and the contents thereof must not be imparted to a third party nor be used for any unauthorised purpose.		
1	30.01.15	TITLE BLOCK CORRECTED	KC	RH	JC											
0	08.04.14	AS BUILT - PREVIOUS NO'S WERE 00-H-07-5601, 10-H-25-0025, 000/103	KC	SP	VS											
REV DATE			AMENDMENT			DRN		CHKD		APP						
ORIG SIZE			CAD DRAWING PATHNAME													
A3			\\ptcvwpobja02\renditiontemp\mp-8320206557042692170\00-H-08-0054.dwg													