



## NOTES

1. THE FIRE STATION (FS) PUSH-BUTTON HOUSING TERMINAL WILL BE ALLOCATED BY ADAPTIVE ENGINEERING GROUP FOR EACH SITE.
2. THE ADAPTIVE ENGINEERING GROUP WILL NOMINATE THE 240V FS SIGNAL GROUP FOR EACH SITE IN THE USUAL MANNER BUT ONLY THE 240V FS GREEN WILL BE USED TO OPERATE THE AUX FS RELAY.  
**WARNING - DO NOT CONNECT ANY EXTERNAL CORES TO THESE TERMINALS.**
3. THE CONTRACTOR SHALL SUPPLY ITEMS 1 TO 6 (INCLUSIVE) AS REQUIRED.
4. THE SWITCH MODE POWER SUPPLY, 'TRACO POWER' 60W DIN-RAIL PANEL MOUNT 24V DC, 2.5A, PART No. TBL 060-124, AVAILABLE FROM RS COMPONENTS P/L, STOCK No. 667-0854.
5. THE 'FS' RELAY IS AN 'OMRON' 240V AC PART No. G2R-1-SN230AC(S) AND RELAY SOCKET PART No. P2RF-05-E, AVAILABLE FROM RS COMPONENTS P/L, STOCK No.353-865 AND 353-944.
6. THE RC UNIT IS A 'KEMET' 220nF 100 OHMS 250VAC, 630V DC, PART No. PMR209MC6220M100R30, AVAILABLE FROM RS COMPONENTS P/L, STOCK No. 209-241.
7. THERE MAYBE A FEW LOCATIONS WHERE THE RED & GREEN INDICATORS ARE NOT CALLED FOR INSIDE OF THE STATION HOUSE & ONLY THE PUSHBUTTON IS CALLED FOR ON THE DESIGN LAYOUT PLAN. IN THIS CASE ITEMS 3 TO 6 INCLUSIVE ARE NOT REQUIRED. THIS WILL ALSO APPLY WHERE A NORMAL 2 ASPECT 240V RED & GREEN LANTERN IS MOUNTED ON A TYPE 2 SIGNAL POST AT THE FRONT OF THE PREMISES.

ITEM	DESCRIPTION	DRG NO	QTY
6	TERMINAL BLOCK KLIPPON BK12 OR EQUIVALENT		1
5	RIGID PVC ADAPTOR BOX CLIPSAL 265/4		1
4	Q SERIES LED BEACON, SWITCHES PLUS COMPONENTS P/L PART No 874162405 24V AC/DC QDS RED STEADY BEACON		1
3	Q SERIES LED BEACON, SWITCHES PLUS COMPONENTS P/L PART No 874166405 24V AC/DC QDS GREEN STEADY BEACON		1
2	ENGRAVED PLATE	VM620-19	1
1	PUSH BUTTON HPM WS/170/X OR CLIPSAL 56PB		1

J ISSUE 17.09.93 J/1 TC1061 PLAN REDRAWN. IN ITEM 5 LAMP WAS 60W. REF. PLAN ITEM 2 WAS VM620-2. Y.B. R.V.C. K ISSUE 16-04-1999 J/1 TC2976 NOTE 3 ALTERED. DELETED NOTE 4 AND CONTROLLER TABLE. TERMS FR & FG ADDED AS STANDARD. IH BWT L ISSUE: 16-07-15 LIGHT FITTINGS, 32V LAMPS REPLACED WITH 24V LED BEACONS. PLAN REVISED TO SUIT. LC/BWT. M ISSUE 18-10-16 NOTES 4, 5 AND 6 ADDED FOR CONTROLLER ITEMS CURRENTLY USED. DB BWT N ISSUE 28-04-2017 ITEM 4 PART NO. WAS 874167405. IH/BWT O ISSUE 28-05-2018 NOTE 7 ADDED. LC/BWT	REFERENCE DRAWINGS ENGRAVED PLATE VM620-19		ROADS AND MARITIME SERVICES TRAFFIC SIGNALS		SCALE SUPERSEDES: ISSUE 1		APPROVED: 10.11.83 F. HULSCHER MANAGER STANDARDS & QUALITY		
	<b>CONNECTION DIAGRAM FOR          FIRE/AMBULANCE STATION SIGNAL          CONTROL USING 24V SUPPLY</b>				DRAWN A DIXON	ISSUE <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			
					CHECKED B. TAYLOR			<b>VE535-1</b>	
					PASSED B. TAYLOR 09.11.83				