

CABLES CONNECT TO RCB THROUGH COMMUNICATIONS CONDUITS & PITS

COMMUNICATIONS GANTRY CABINET

CCTV CAMERA MOUNTED ON GANTRY EXTENSION POLE

ELECTRICAL GANTRY CABINET

CABLES CONNECT TO RCB THROUGH ELECTRICAL CONDUITS & PITS

ACCESS POINT MOUNTED ON GANTRY EXTENSION POLE

VMS

MEDIAN

LUS

MEDIAN

CCTV CAMERA MOUNTED ON GANTRY EXTENSION POLE

CPC

RP

REPEATER POINT MOUNTED ON GANTRY EXTENSION POLE

TYPICAL GANTRY PRE-WIRING SCHEMATIC

LEGEND

- DATA COMMUNICATIONS CABLE
- POWER CABLE FOR VMS OR LUMS
- - - POWER CABLE FOR CCTV CAMERA
- M MALE CONNECTOR
- F FEMALE CONNECTOR

NOTES

- 1 ALL CABLES AT EACH SIGN POSITION TO BE SECURED WITH COMPRESSION TYPE CABLE GLANDS AT EXIT FROM GANTRY BEAM TO ACHIEVE WEATHERPROOF SEAL TO CABLE SHEATH
- 2 LENGTH OF CABLE FROM GLAND TO IN-LINE CONNECTOR SHALL BE BETWEEN 500mm & 550mm
- 3 VMS AND ASSOCIATED CABLING INSTALLED ONLY ON ACCESSIBLE GANTRIES
- 4 WIRING FOR CCTV CAMERA SHALL BE ALLOWED FOR BOTH ENDS OF ALL GANTRIES REGARDLESS IF CCTV CAMERA IS TO BE INSTALLED

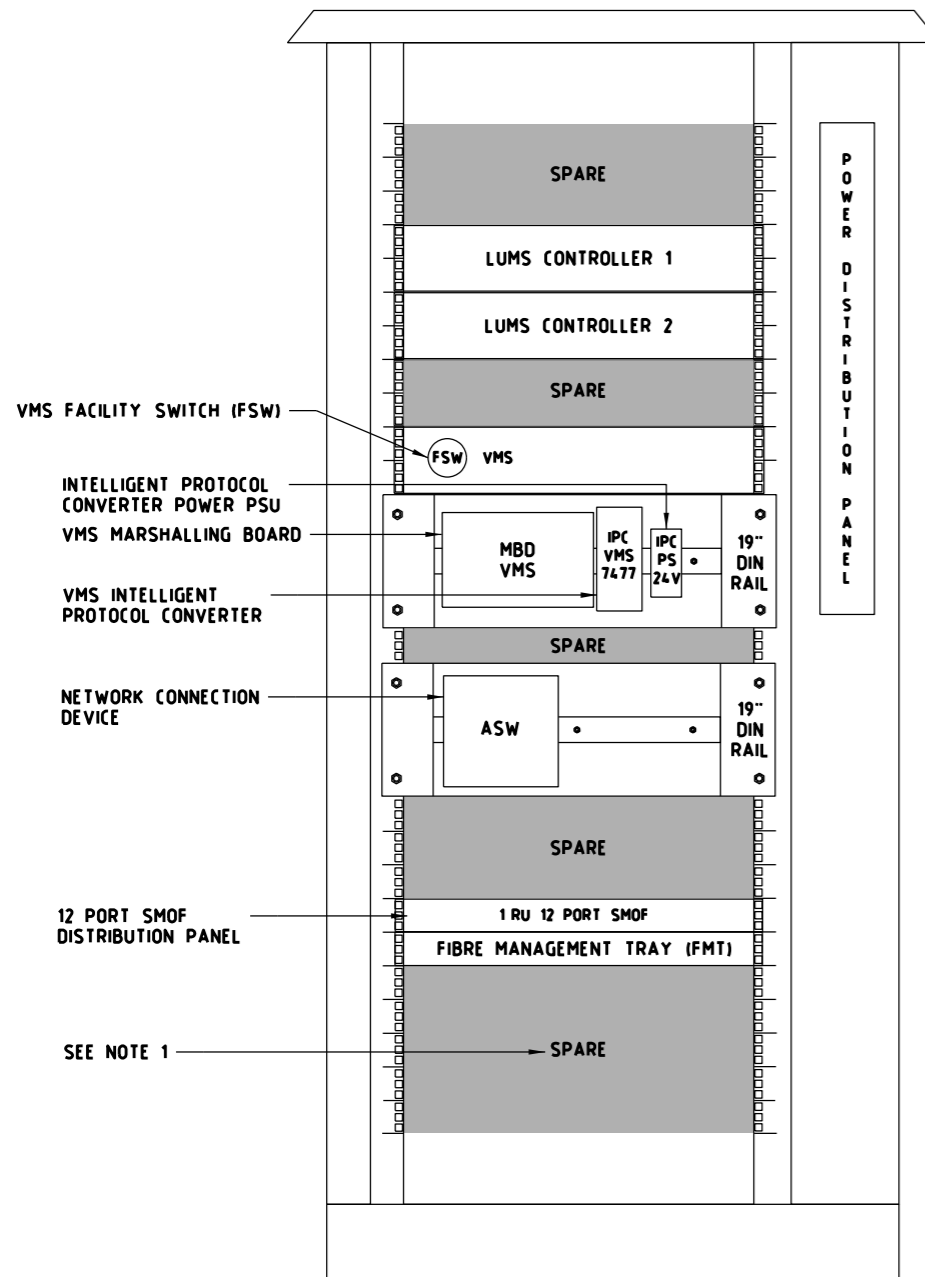
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A	W.H	12/2018	REVISION OF DETAIL
ISSUE	APP'D	DATE	AMENDMENT

GENERAL NOTES

DESIGNED	M80 UPGRADE	07/2015
APPROVED	W HARVEY - MANAGER	
	ITS INFRASTRUCTURE & SYSTEM 08/2015	
CAT.		SCALE OF METRES
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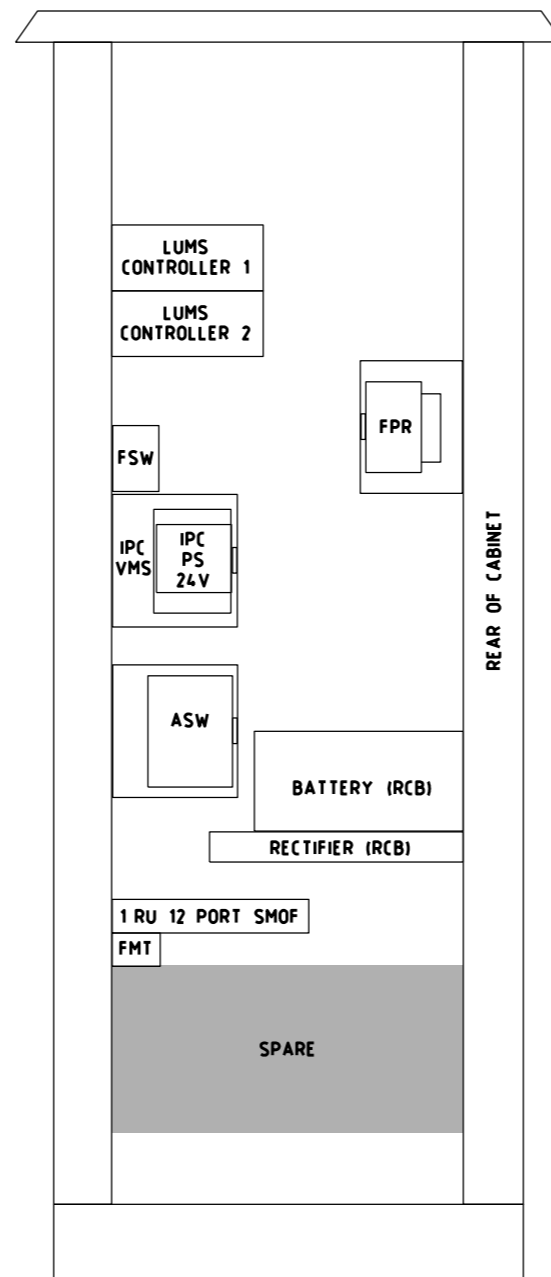


STANDARD DRAWING				
MANAGED MOTORWAY				
ELECTRICAL AND COMMUNICATIONS NETWORK				
WIRING ARRANGEMENTS				
TYPICAL GANTRY PRE-WIRING SCHEMATIC				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-2242	A



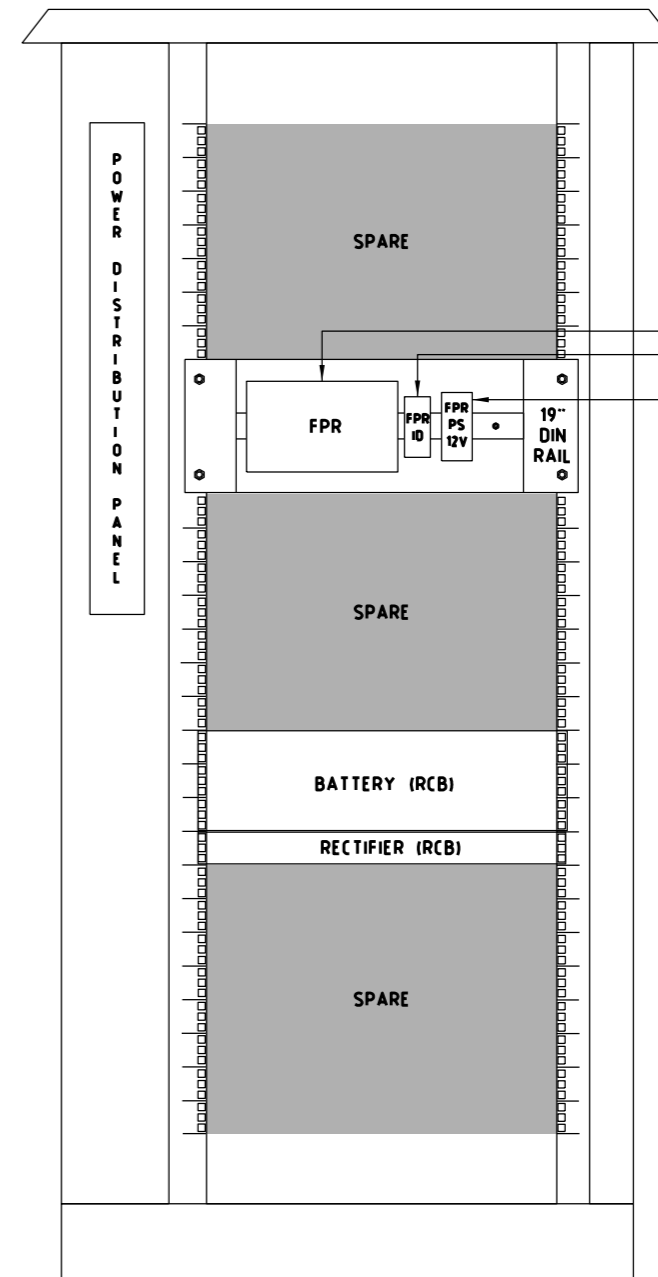
FRONT VIEW

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REAR VIEW

FIELD PROCESSOR
FIELD PROCESSOR
ID DONGLE
FIELD PROCESSOR
POWER SUPPLY

LEGEND:

- ASW COMMUNICATION NETWORK ACCESS SWITCH
- SMOF SINGLE MODE OPTIC FIBRE
- RCB ROADSIDE CABINET (ITS FIELD CABINET)

NOTES

- 1 SPARE RUs AT THE BOTTOM OF THE CABINET ARE FOR ACCESS TO CABLE ENTRY
- 2 ALL ITS DEVICES TO BE LABELLED WITH THEIR RELEVANT RAINUMBERS
- 3 WHERE DEVICE SIZE VARIES FROM THAT SHOWN AND ALTERNATIVE CABINET LAYOUT SHALL BE PROVIDED TO BE REVIEWED AND APPROVED BY VICROADS

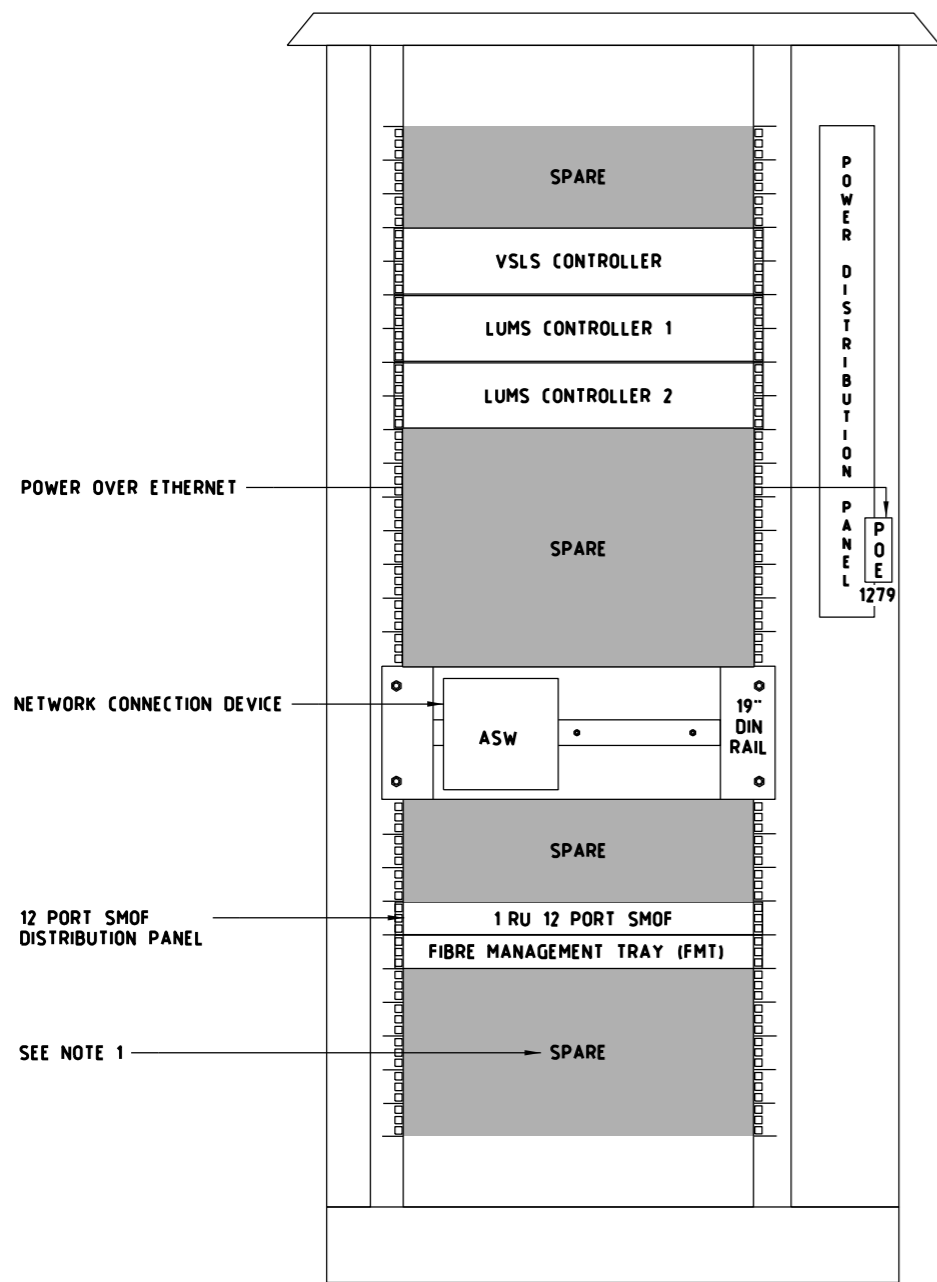
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GENERAL NOTES	
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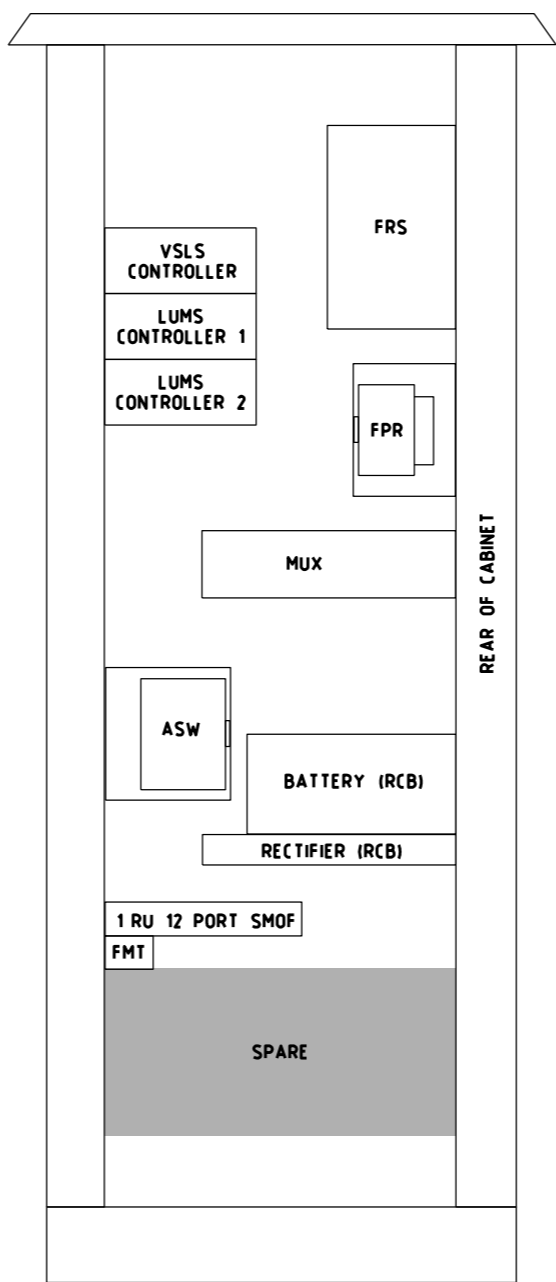


STANDARD DRAWING				
MANAGED MOTORWAY				
ELECTRICAL AND COMMUNICATIONS NETWORK				
WIRING ARRANGEMENTS				
TYPICAL ITS FIELD CABINET LAYOUT LUMS & VMS				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-2244	A



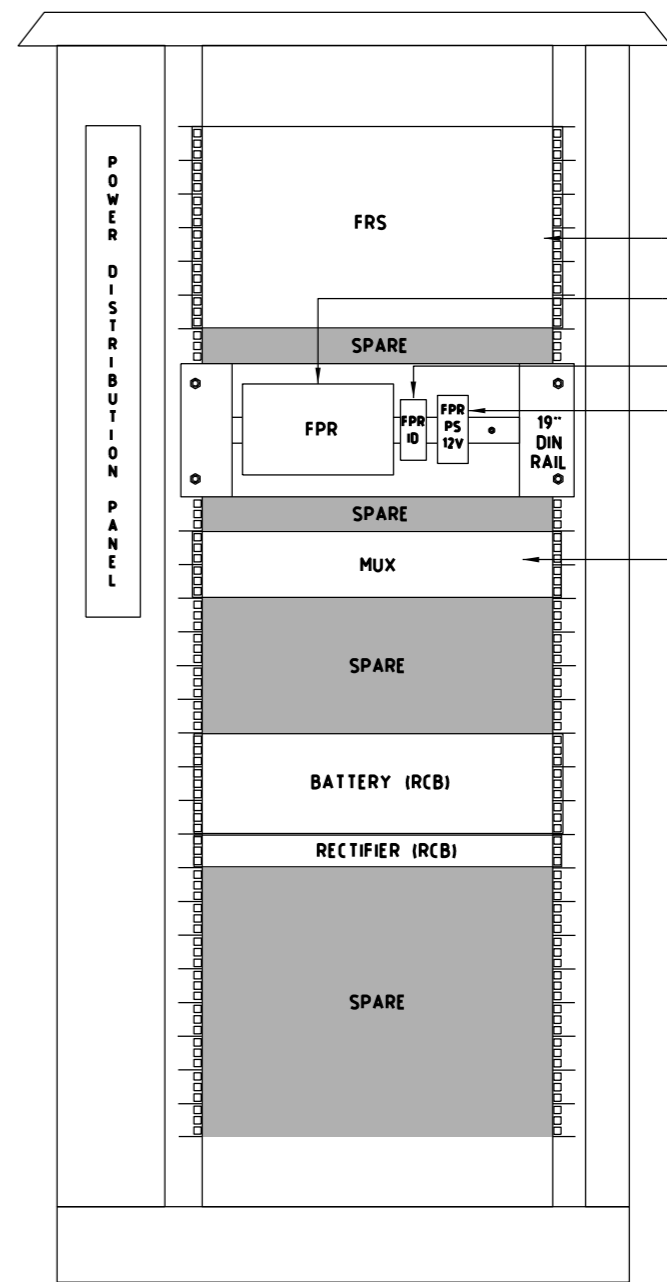
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REAR VIEW

- FREEWAY RAMP SIGNAL CONTROLLER
- FIELD PROCESSOR
- FIELD PROCESSOR ID DONGLE
- FIELD PROCESSOR POWER SUPPLY
- RC SIGN MULTIPLEXER (WIRED / WIRELESS)

LEGEND
 ASW COMMUNICATION NETWORK ACCESS SWITCH
 SMOF SINGLE MODE OPTIC FIBRE
 RCB ROADSIDE CABINET (ITS FIELD CABINET)

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E				GENERAL NOTES				DESIGNED M80 UPGRADE 07/2015				STANDARD DRAWING MANAGED MOTORWAY ELECTRICAL AND COMMUNICATIONS NETWORK WIRING ARRANGEMENTS TYPICAL ITS FIELD CABINET LAYOUT FRS, VSLS & LUMS			
D								APPROVED W HARVEY - MANAGER ITS INFRASTRUCTURE & SYSTEM 08/2015							
C								CAT: _____				SCALE OF METRES NTS			
B								PROJ: _____				FILE NO _____ CONTRACT NO _____ SHEET NO _____ DRAWING NO TC-2245			
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ISSUE				APP'D DATE AMENDMENT				VER _____							