

FIELD NETWORK EQUIPMENT CONNECTION DIAGRAM
NOT TO SCALE

EQUIPMENT SCHEDULE

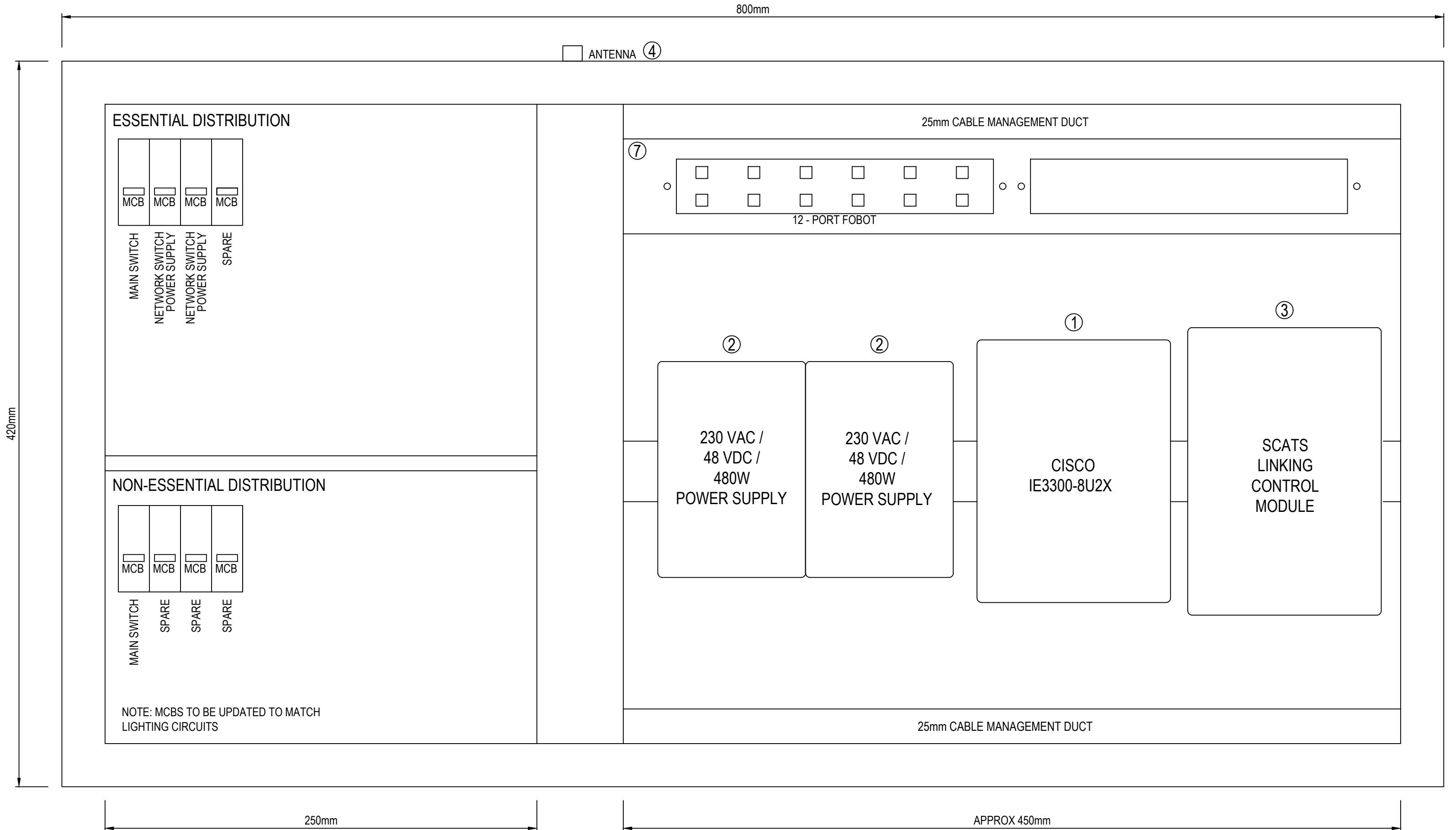
DESCRIPTION	ITEM NUMBER	QUANTITY
LAYER 2 (CISCO IE3300-8U2X)	1	1
MEAN WELL NDR-480-48	2	2
SCATS LINKING CONTROL MODULE	3	1
ANTENNA	4	1
ETHERNET SURGE PROTECTOR	5 (SEE NOTE 9)	2
ETHERNET SURGE PROTECTOR	6 (SEE NOTE 10)	2
12 - PORT FOBOT	7	1
SFP TRANSCEIVER (MODEL TO SUIT DISTANCE)	8	2
ETHERNET PATCH LEADS	-	AS REQ'D
SMOF PATCH LEADS	-	AS REQ'D

CAMERA SCHEDULE

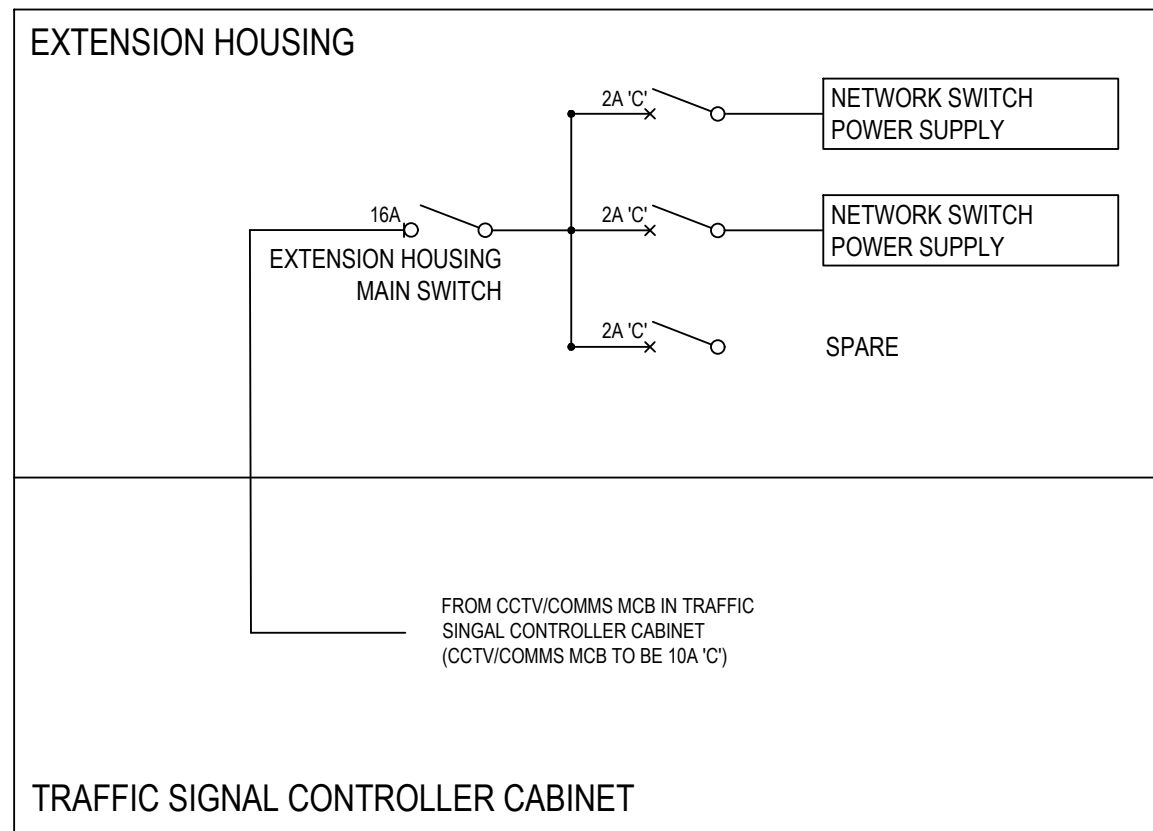
CAMERA TYPE	DIT ASSET ID	MODEL	LOCATION	CABLE ID	CABLE TYPE	APPROX LENGTH (m)
PTZ CAMERA	CAMxxx1	AXIS Q6315-LE PTZ DOME	SIGNAL POLE 1	E-TSxxx-CAMxxx1	8/UTP CAT6	50
PTZ CAMERA	CAMxxx2	AXIS Q6315-LE PTZ DOME	SIGNAL POLE 6	E-TSxxx-CAMxxx2	8/UTP CAT6	60

EXTERNAL COMMUNICATIONS CABLE SCHEDULE

CABLE ID	FROM	TO	CABLE TYPE	APPROX LENGTH (m)
E-TS065-UPS	L2.TSxxx PORT 6	UPS CABINET	8/UTP CAT6	10




EXTENSION HOUSING CCTV ASSEMBLY
NOT TO SCALE



EXTENSION HOUSING ELECTRICAL SINGLE LINE DIAGRAM
NOT TO SCALE
(NON-ESSENTIAL DISTRIBUTION NOT SHOWN)

NOTES:

- FIBRE LEAD-IN MUST BE TERMINATED WITH SC/AP CONNECTORS IN ACCORDANCE WITH RD-ITS-C3.
- ALL CORES (INCLUDING THOSE UNUSED) OF FIBRE LEAN-IN MUST BE TERMINATED IN THE FOBOT WITH THE REQUIRED CORES MADE ACTIVE.
- FOBOT MUST HAVE ANGLED FACE PLATE.
- FOBOT MUST BE MOUNTED SUCH THAT THERE IS SUFFICIENT SPACE FROM SC/AP CONNECTORS TO THE CABINET DOOR (IN CLOSED POSITION) TO ENSURE THE PATCH LEAD CONNECTING TO THE FOBOT ARE NOT IMPROPERLY BENT, STRESSED OR DAMAGED.
- THE ANTENNA MUST SUPPORT BOTH BLUETOOTH CAPTURING FUNCTION AS SPECIFIED IN RD-ITS-D1 AND LTE.
- THE ANTENNA'S LTE, BLUETOOTH AND WIFI ELEMENTS MUST BE CONNECTED TO THE LINKING CONTROL MODULE.
- THE ANTENNA MUST BE INSTALLED NO GREATER THAN 50mm FROM THE EDGE OF THE EXTENSION HOUSING.
- INSTALLATION OF THE ANTENNA MUST MAINTAIN THE INGRESS PROTECTION RATING OF THE EXTENSION HOUSING.
- ETHERNET SURGE PROTECTION TO BE INSTALLED AS CLOSE AS POSSIBLE TO THE BOTTOM OF THE TRAFFIC SIGNAL CABINET.
- CAMERA ETHERNET SURGE PROTECTION TO BE INSTALLED IN POLE ACCESS HATCH.
- ALL TELECOMMUNICATIONS CABLES, INCLUDING INTERNAL PATCH LEADS AND EXTERNAL CABLES, MUST BE LABELED IN ACCORDANCE WITH RD-ITS-C3.
- THE CONTRACTOR MUST SUBMIT EQUIPMENT DETAILS FOR DIT APPROVAL PRIOR TO PROCUREMENT IN ACCORDANCE WITH RD-ITS-S1.

						INDEX SHEET REFERENCE: - SHEET -		DESIGNED - QUALIFICATION - DATE: - REVIEWER - QUALIFICATION - DATE: - INDEPENDENT DESIGN CERTIFIER (IF REQUIRED) - QUALIFICATION - DATE: -		<div> Government of South Australia Department for Infrastructure and Transport</div>		PROJECT No.: - DESIGN No.: - PROJECT START ROAD RUNNING DISTANCE: - PROJECT END ROAD RUNNING DISTANCE: -		FILE No.: - SURVEY No.: -		STANDARD DRAWING TRAFFIC SIGNALS EXTENSION HOUSING EQUIPMENT NETWORK CONNECTION DIAGRAM AND CABINET LAYOUT MABN/ITS NETWORK CONNECTION						SIGNAL No.: TSxxx							
B A	REMOVAL OF DGPO FIRST ISSUE								22.08.25 29.04.25																				
No.	AMENDMENT DESCRIPTION					BY	CHECK	ACCEPTANCE	DATE	UNCONTROLLED COPY WHEN PRINTED		100 MILLIMETRES ON ORIGINAL DRAWING		ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE		NOT TO SCALE		DESIGNED: MM	DRAFTED: -	ACCEPTED FOR USE: Y. Xiao TITLE: PRINCIPAL ELEC ENG DATE: 29.04.2025		ACCEPTANCE FORM KNET No.: 22913879 IN ACCORDANCE WITH DP013		DRAWING No.: S-4055 SHEET LATITUDE		SHEET No.: 80 SHEET LONGITUDE		AMEND No.: B	