

FIELD NETWORK EQUIPMENT CONNECTION DIAGRAM  
NOT TO SCALE

EQUIPMENT SCHEDULE

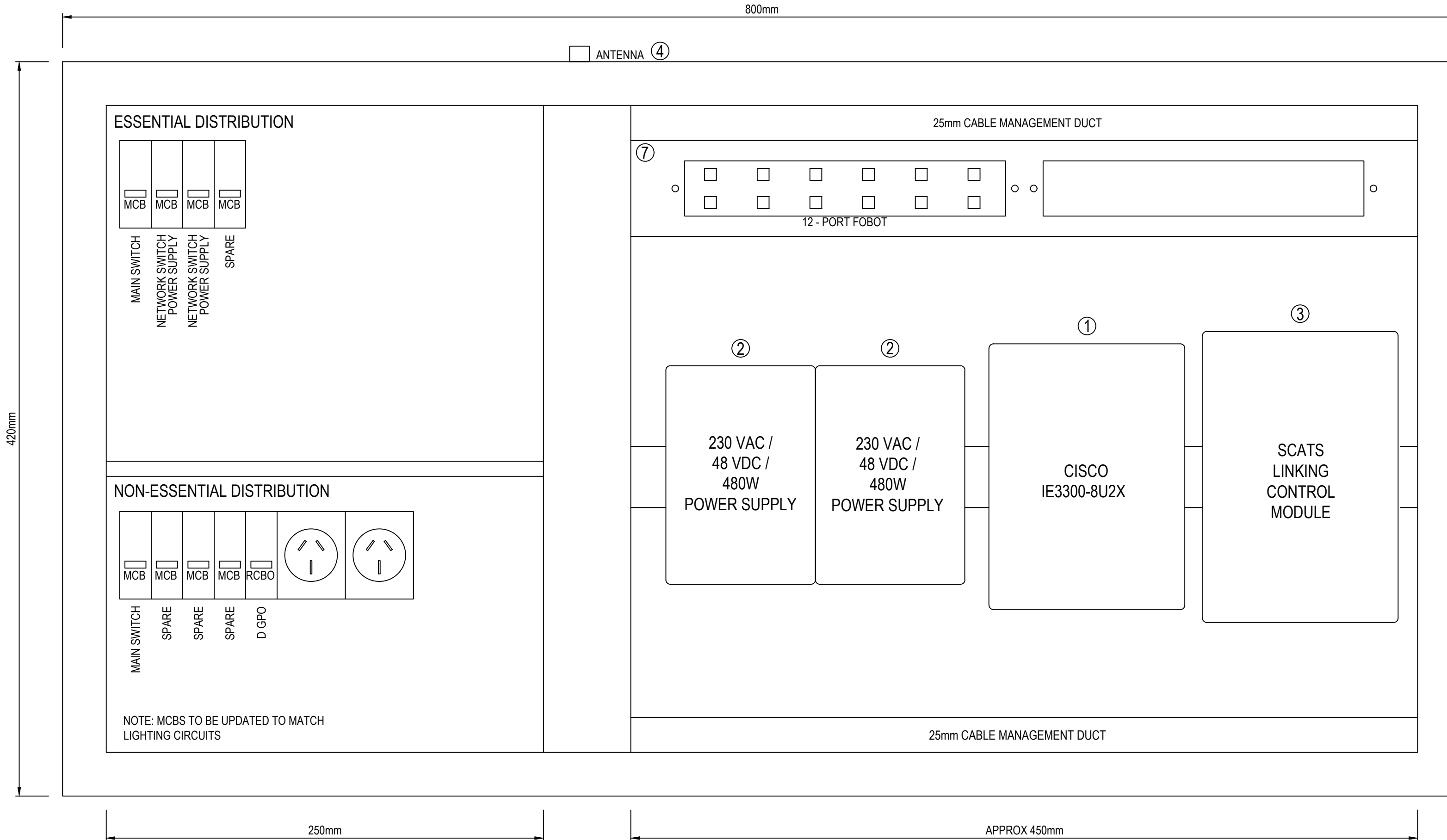
DESCRIPTION	ITEM NUMBER	QUANTITY
LAYER 2 (CISCO IE3300-8U2X)	1	1
MEAN WELL NDR-480-48	2	2
SCATS LINKING CONTROL MODULE	3	1
ANTENNA	4	1
ETHERNET SURGE PROTECTOR	5 (SEE NOTE 9)	2
ETHERNET SURGE PROTECTOR	6 (SEE NOTE 10)	2
12 - PORT FOBOT	7	1
SFP TRANSCEIVER (MODEL TO SUIT DISTANCE)	8	2
ETHERNET PATCH LEADS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

CAMERA SCHEDULE

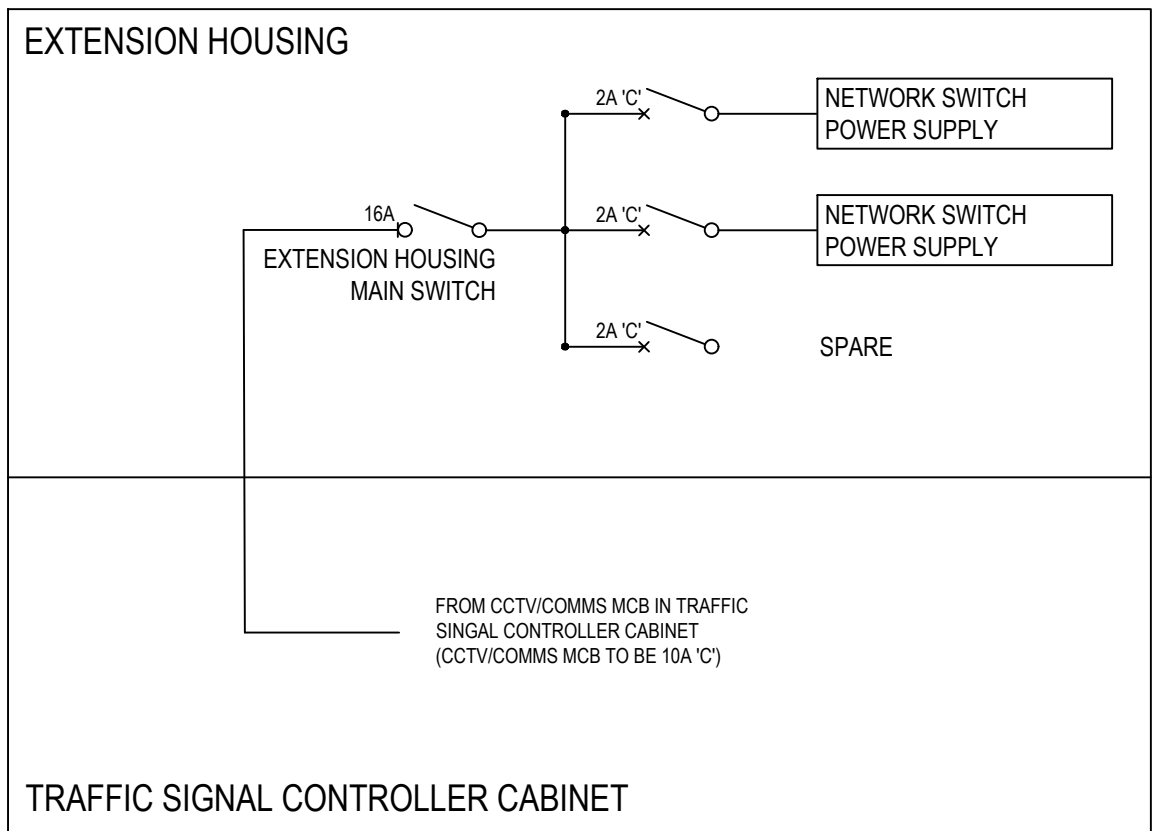
CAMERA TYPE	DIT ASSET ID	MODEL	LOCATION	CABLE ID	CABLE TYPE	APPROX LENGTH (m)
PTZ CAMERA	CAMxxx1	AXIS Q6315-LE PTZ DOME	SIGNAL POLE 1	E-TSxxx-CAMxxx1	8/UTP CAT6	50
PTZ CAMERA	CAMxxx2	AXIS Q6315-LE PTZ DOME	SIGNAL POLE 6	E-TSxxx-CAMxxx2	8/UTP CAT6	60

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: -		 Government of South Australia Department for Infrastructure and Transport		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 FOR MABN CONNECTION				SIGNAL No.: TSxxx
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.: A