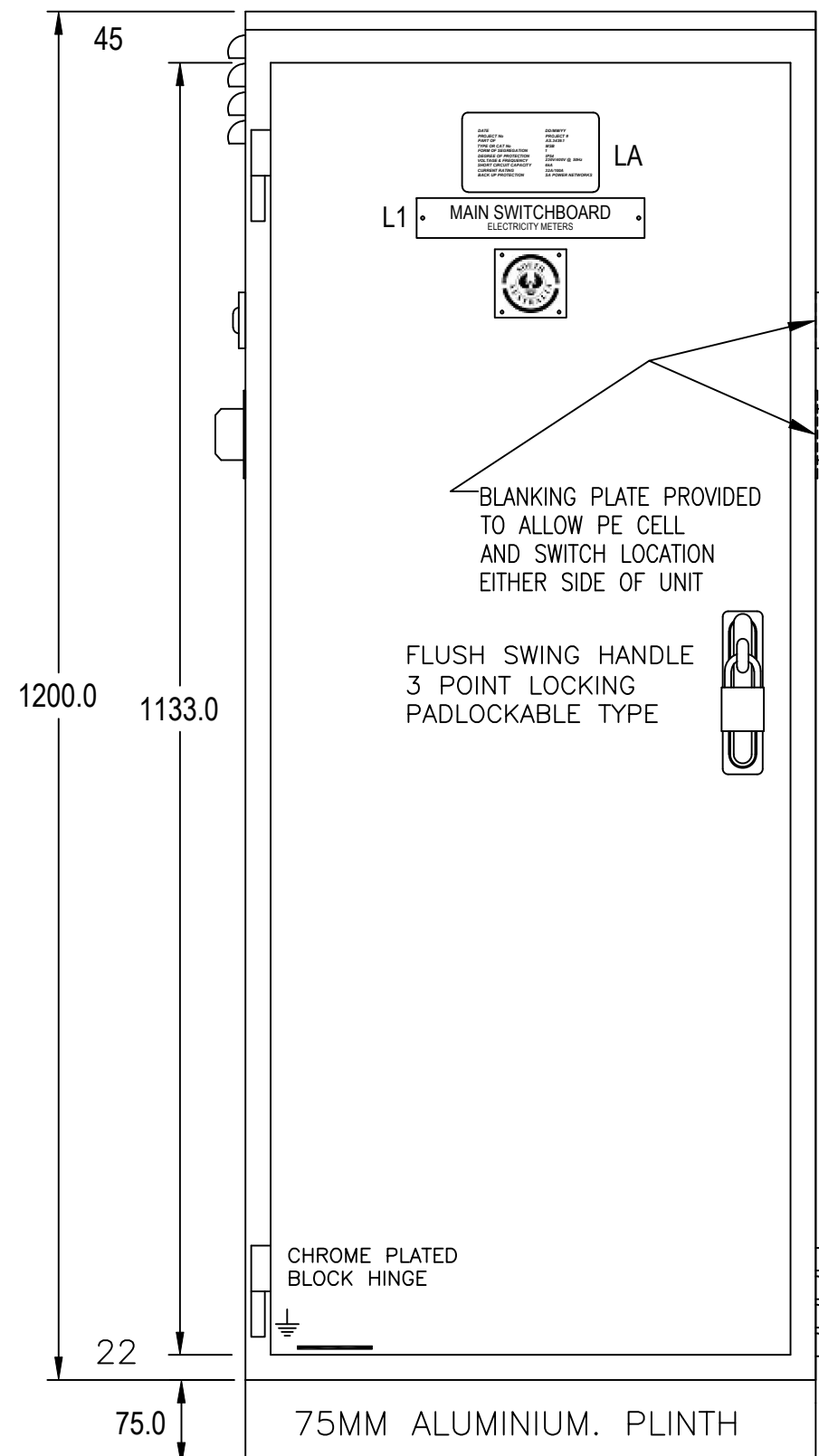
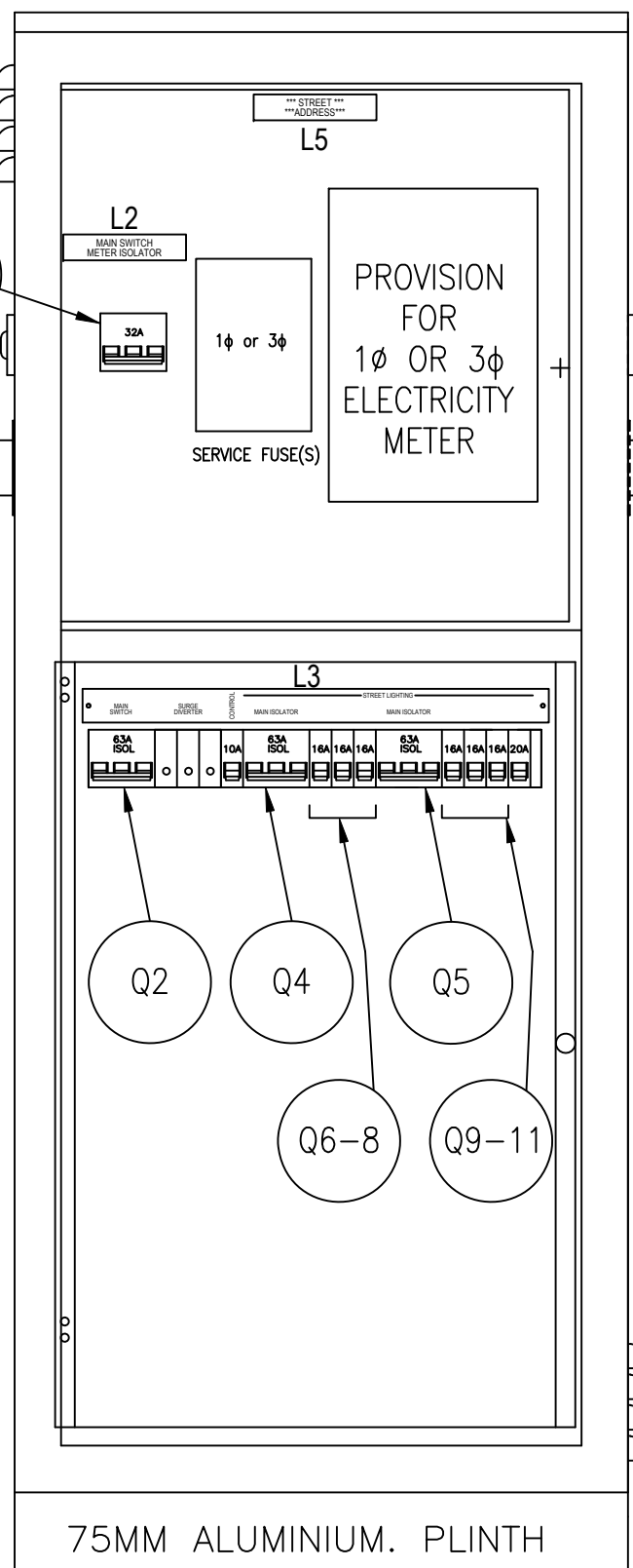
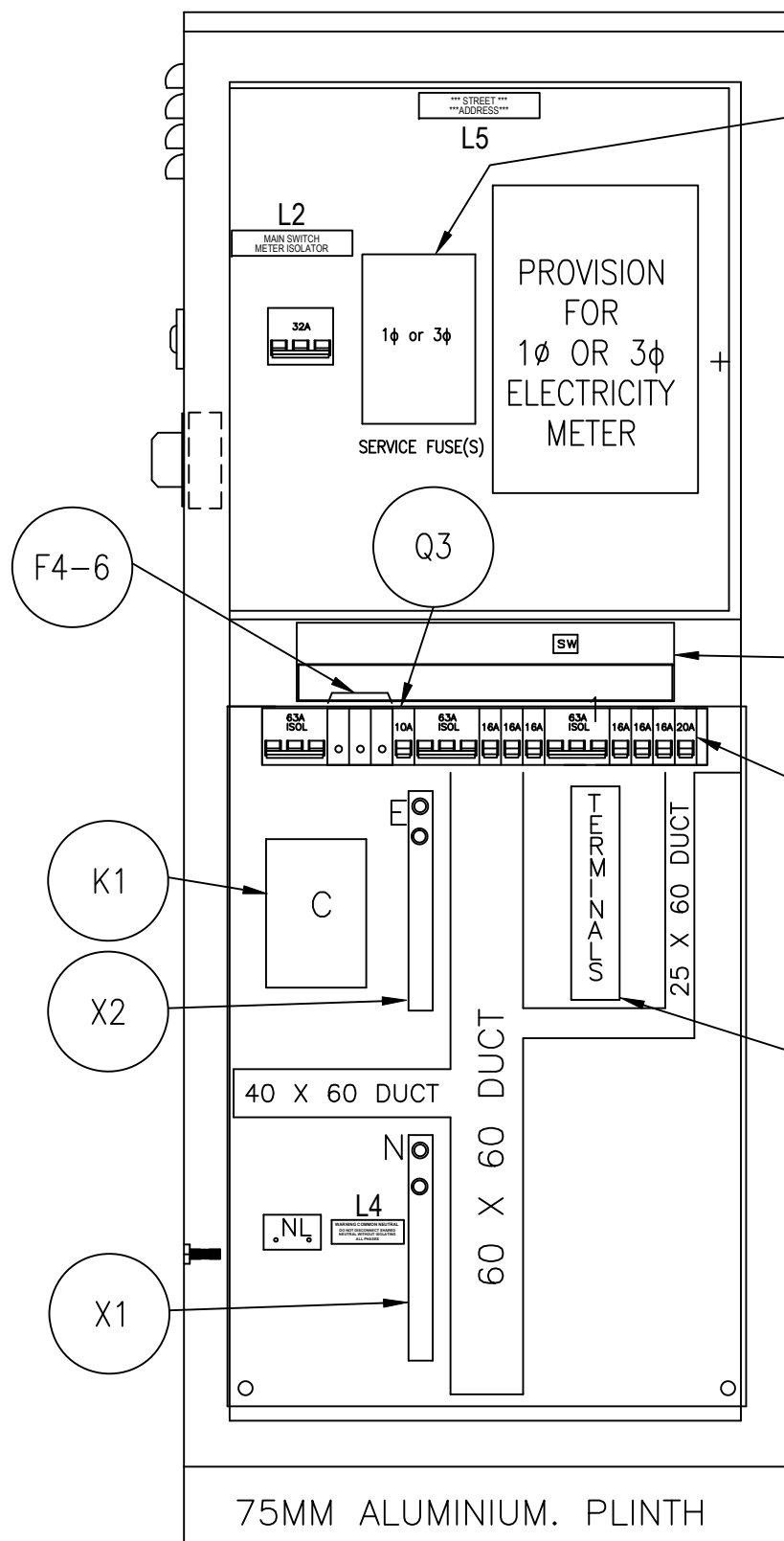




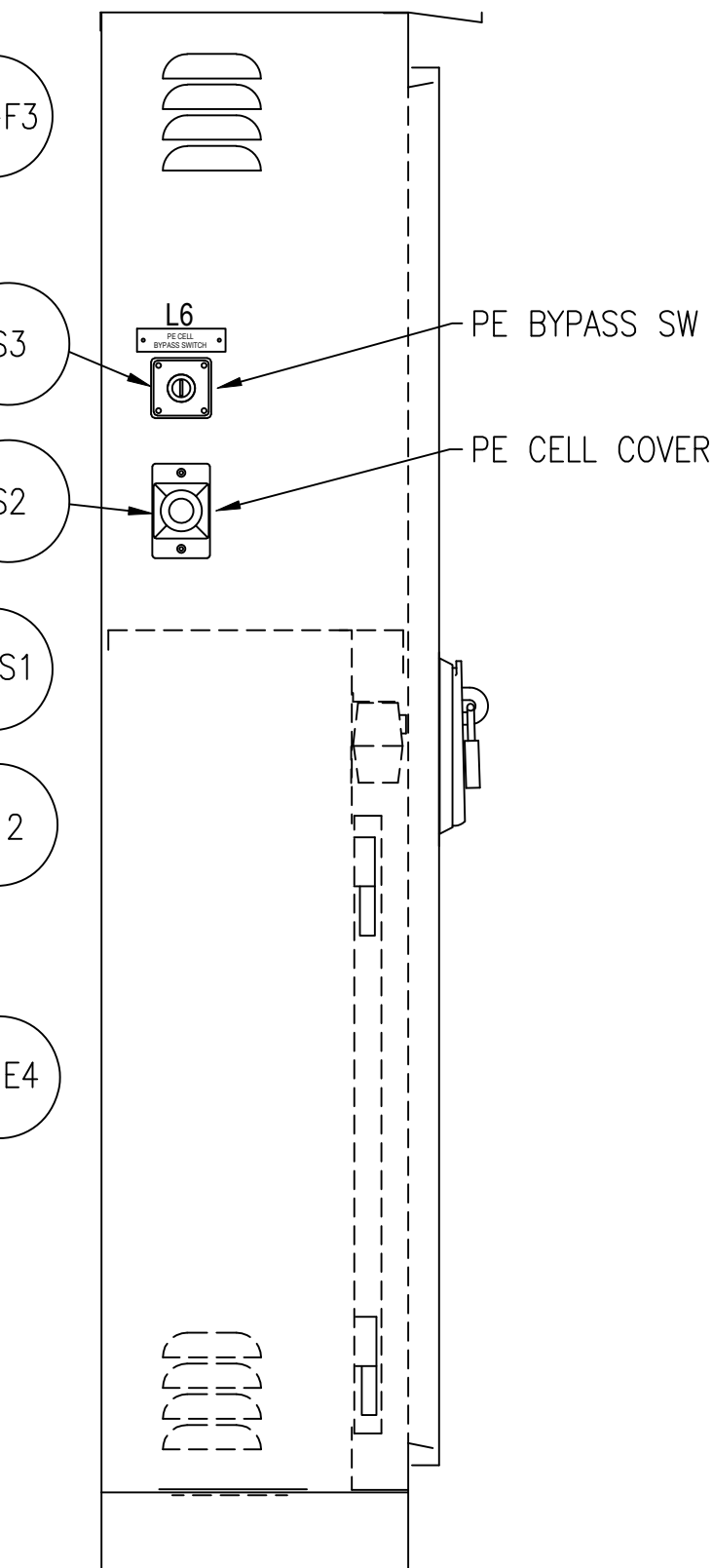
FRONT ELEVATION
N.T.S.



FRONT ELEVATION
LESS DOOR
N.T.S.

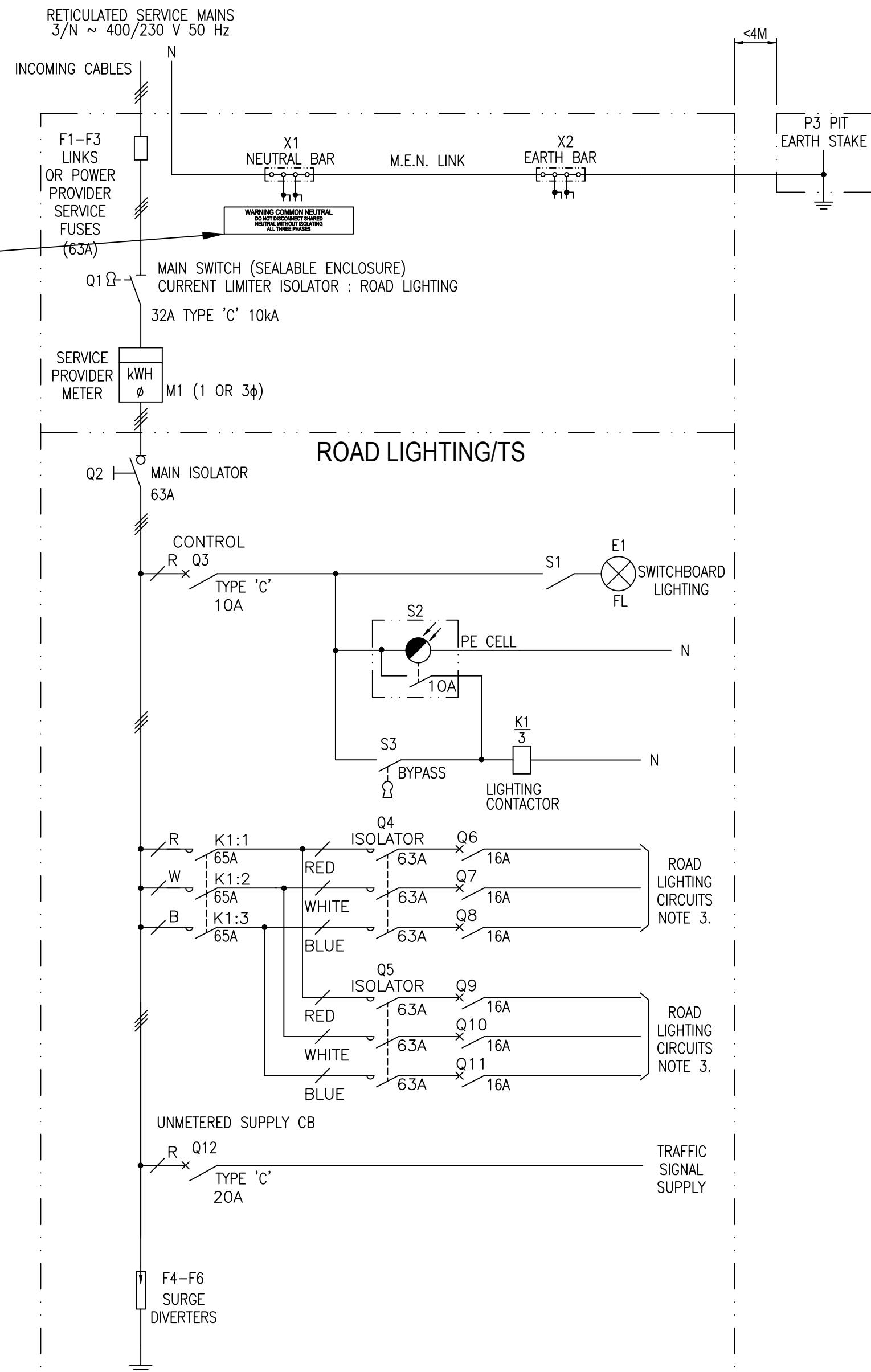


FRONT ELEVATION
LESS INTERNAL DOOR
N.T.S.



LEFT SIDE ELEVATION
N.T.S.

WARNING COMMON NEUTRAL
DO NOT DISCONNECT SHARED
NEUTRAL WITHOUT ISOLATING
ALL THREE PHASES



NOTE:
LIGHTING SWITCHBOARD SINGLE LINE DIAGRAM
1. IF SERVICE FUSES ARE REQUIRED TO BE INTEGRAL WITHIN SWITCHBOARD
-SWITCHBOARD (No 2 TYPE) TO BE NEUTRALIZED.
2. SWITCHBOARD : IF REQUIRED TO BE SINGLE PHASE OPERATION
LINKS TO BE ADDED TO MAIN SWITCH.
3. ALL CIRCUIT BREAKERS TO BE TYPE 'C', EXCEPT WHERE REQUIRED FOR
SPECIFIC PROJECT NEEDS.

LABELS

N.T.S.
NOTE: ALL LABELS TO BE RETAINED WITH SECURITY PINS

DATE PROJECT No DD/MM/YY
PART OF PROJECT # AS.3439.1
TYPE OR CAT No MSB
FORM OF SEGREGATION 1
DEGREE OF PROTECTION IP54
VOLTAGE & FREQUENCY 230V/400V@ 50Hz
SHORT CIRCUIT CAPACITY 6kA
CURRENT RATING 32A/100A
BACK UP PROTECTION SA POWER NETWORKS

LA

L1 MAIN SWITCHBOARD
ELECTRICITY METERS R.W.R.

L2 MAIN SWITCH
METER ISOLATOR R.W.R.
(SINGLE PHASE LABEL)

L3 MAIN SWITCH
SURGE DIVERTER CONTROL STREET LIGHTING
CB 1 CB 2 CB 3 CB 4 CB 5 CB 6
(THREE PHASE LABEL)

L3 MAIN SWITCH
SURGE DIVERTER CONTROL MAIN ISOLATOR
MAIN ISOLATOR

L4 WARNING COMMON NEUTRAL
DO NOT DISCONNECT SHARED NEUTRAL
WITHOUT ISOLATING ALL CIRCUITS R.W.R.

L5 *** STREET ***
ADDRESS x2 ALL LABELS ARE W.B.W.
UNLESS OTHERWISE NOTED

L6 PE CELL
BYPASS SWITCH

EQUIPMENT SCHEDULE

(EQUIPMENT ITEMS CAN BE SUBSTITUTED WITH AN EQUIVALENT - WHERE APPROVED BY THE PRINCIPAL.)

REF.	ITEM DESCRIPTION	MANUFACTURER	QTY.	ITEM No.
F1-F3	FUSE HOLDERS FRONT WIRED 63A	IPD	3	GEC ALTOM SERIES 7 S71002AFWS
F4-F6	SURGE DIVERTER 230V 50Hz I _{max} 40kA	HAGEMEYER	3	SPN O40D
X1	NEUTRAL BAR 18 WAY 25x6.3mm Cu	?	1	?
X2	EARTH BAR 18 WAY 25x6.3mm Cu	?	4	?
Q1	3 POLE MAIN SWITCH 32A 10kA TYPE 'C'	SCHNEIDER	1	25873
Q2.4.5	3 PHASE ISOLATOR 63A	SCHNEIDER	3	15015
Q3	CCT. BKR. 1P 10A 10kA C60N TYPE 'C'	SCHNEIDER	1	25802
Q6-11	CCT. BKR. 1P 16A 10kA C60H TYPE 'C'	SCHNEIDER	6	25844
Q12	CCT. BKR. 1P 20A 6kA C60N TYPE 'C'	SCHNEIDER	1	25804?
E1,S1	FLUORESCENT LIGHT 8W. WITH SWITCH	?	1	MLC1085SW OR MIN8SW:RXP
S2	MINIATURE PHOTOCCELL 230V~/50Hz 10A	ROYCE THOMPSON	1	MICROSTAR 2000 IP65 SET 20Lux On/Off
S3	KEY SWITCH	KRAUS & NAIMER	1	CAID A201:000EAUS0034
K1	230V CONTACTOR 3 POLE 65A	SPRECHER & SCHUH	1	CA7-37-00-240
E2	C60 LHS AUX FIXED PADLOCK DEVICE	SCHNEIDER	1	MGN26380 (CHECK - SINGLE POLE)
E3	TERMINAL 16MM	CONNECTWELL	6	CTS16U
E4	END CLAMP	WAGO	2	249-117



Government
of South Australia
Department of Planning,
Transport and Infrastructure

PROJECT No.:
XXXXX
DESIGN No.:
201300588
PROJECT START ROAD RUNNING DISTANCE:
N/A
PROJECT END ROAD RUNNING DISTANCE:
N/A
SCALES:
AS SHOWN

STANDARD DRAWING SMALL ROAD LIGHTING SWITCHBOARD METERED SINGLE OR THREE PHASE TYPE A

DESIGNED: SJK
CHECKED: GG
DRAFTED: SJK
CHECKED: GG
ACCEPTED FOR USE: J. LANE
TITLE: MANAGER P & D
DATE: 12.02.2014
ACCEPTANCE FORM KNET No.:
8331970
DRAWING No.:
S-4055
SHEET No.:
57
AMEND No.:
0

No. AMENDMENT DESCRIPTION BY CHECK ACCEPTANCE DATE UNCONTROLLED COPY WHEN PRINTED 100 MILLIMETRES ON ORIGINAL DRAWING ALL DIMENSIONS ARE IN MM UNLESS SHOWN OTHERWISE

CAD FILE NAME: 4055-SHEET 0051.DWG