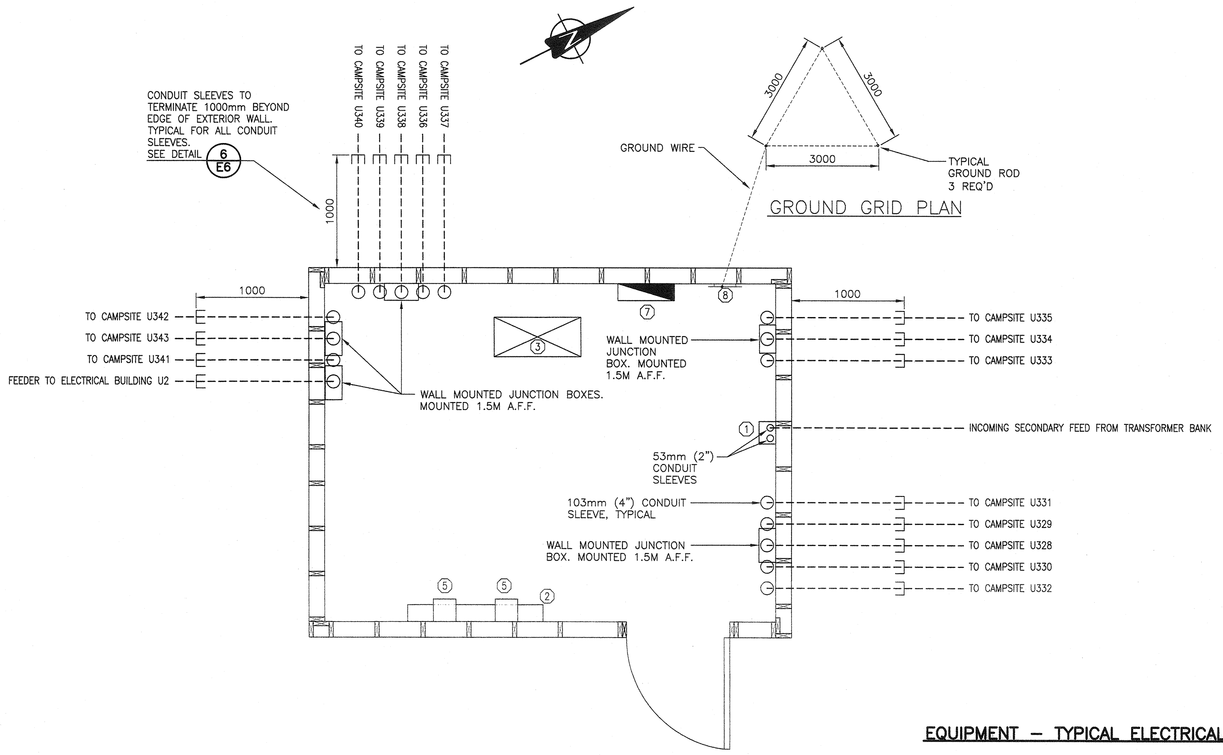


ELECTRICAL BUILDING 'U1' LAYOUT — 1/E5

SCALE: 1:25

0mm 500mm 1000mm 1500mm 2000mm 2500mm

EQUIPMENT – TYPICAL ELECTRICAL SHED

① – 200 AMP, 600 VOLT, 3 POLE, 3 PHASE, 4 WIRE SERVICE ENTRANCE RATED ENCLOSED MAIN CIRCUIT BREAKER. EEMAC 1 ENCLOSURE.

② – SPLITTER 200 AMP, 600 VOLT, 3ϕ, 4 WIRE

③ – 75 kVA, 600–120/208 VOLT, DRY TYPE 3ϕ DISTRIBUTION TRANSFORMER. FLOOR MOUNTED. DELTA–WYE CONNECTED.

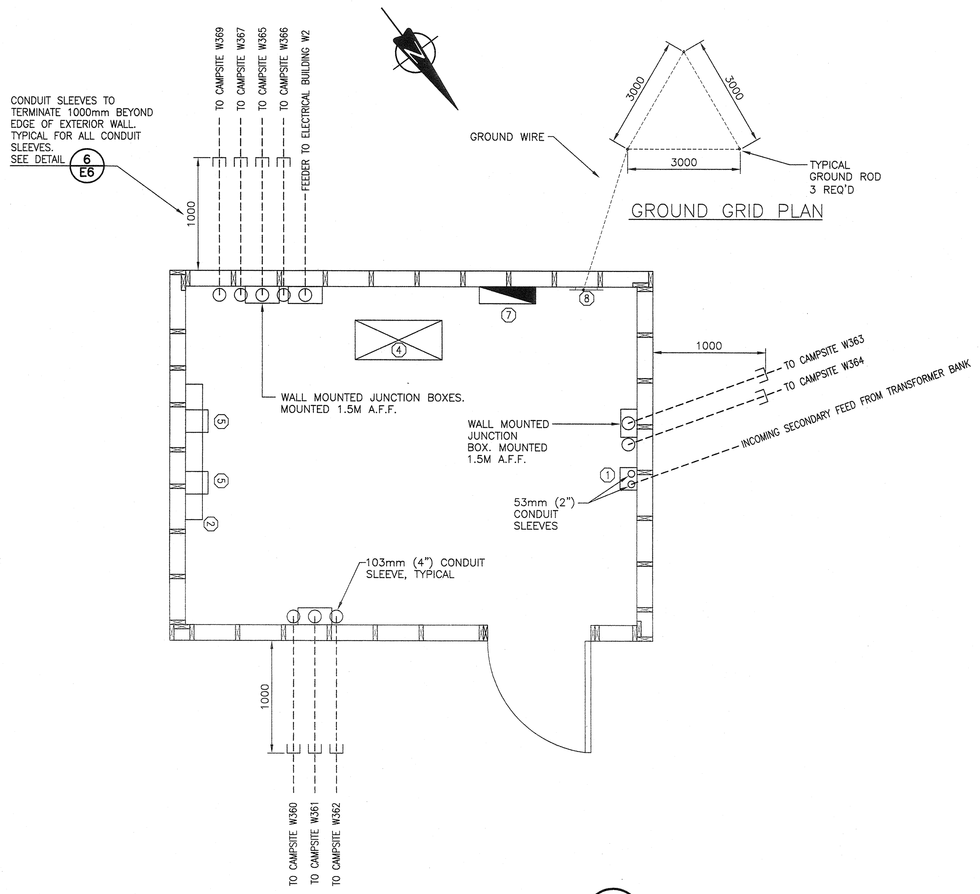
④ – 50 kVA, 600–120/208 VOLT, DRY TYPE 3ϕ DISTRIBUTION TRANSFORMER. FLOOR MOUNTED. DELTA–WYE CONNECTED.

⑤ – 600V, ENCLOSED CIRCUIT BREAKER, EEMAC 1 ENCLOSURE. REFERENCE SINGLE LINE DIAGRAM FOR AMP RATINGS.

⑥ – 100 AMP, 600 VOLT, 3 POLE, 4W, SN UNFUSED SAFETY SWITCH c/w NEUTRAL KIT FOR GROUND

⑦ – 200 AMP, 120/208 VOLT, 3 PHASE, 4 WIRE PANELBOARD. 42 CIRCUIT, c/w BOLT ON CIRCUIT BREAKERS,

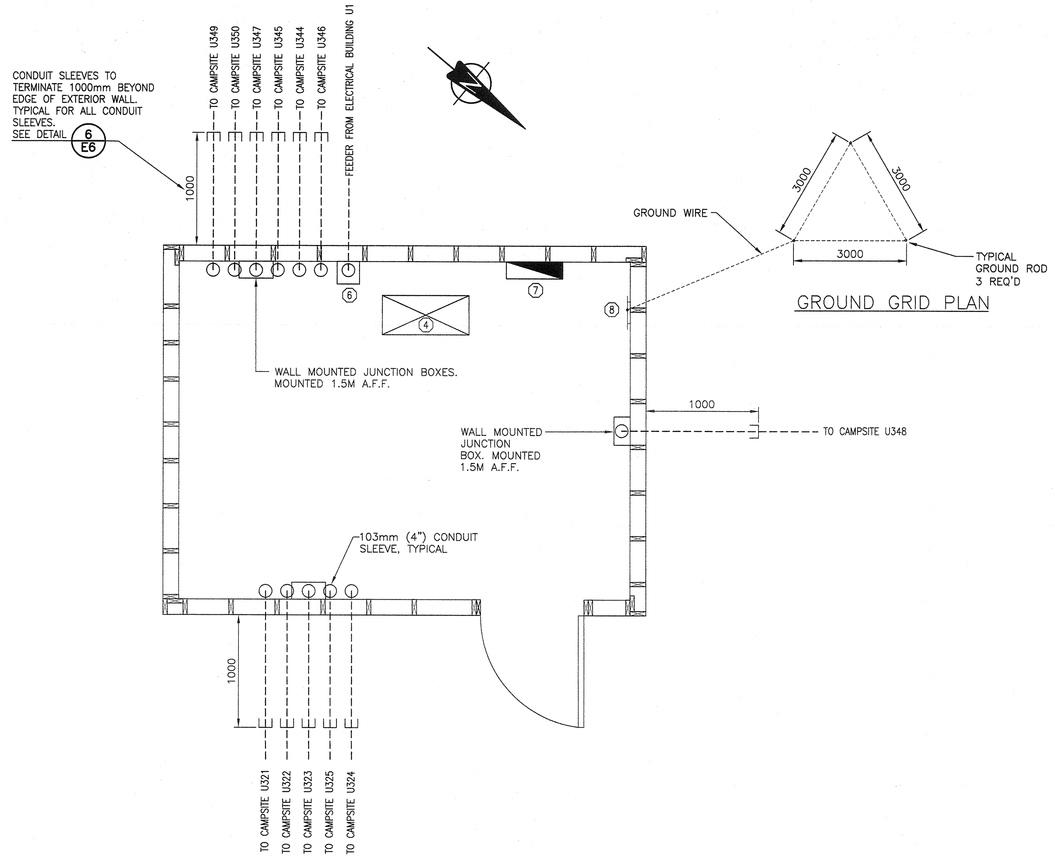
⑧ – COPPER GROUND BAR, 24.2mm (h) x 3.2mm (tk) x 300mm (l) MOUNTED 300mm A.F.F. ON GLASS INSULATORS.



ELECTRICAL BUILDING 'W1' LAYOUT — 2/E5

SCALE: 1:25

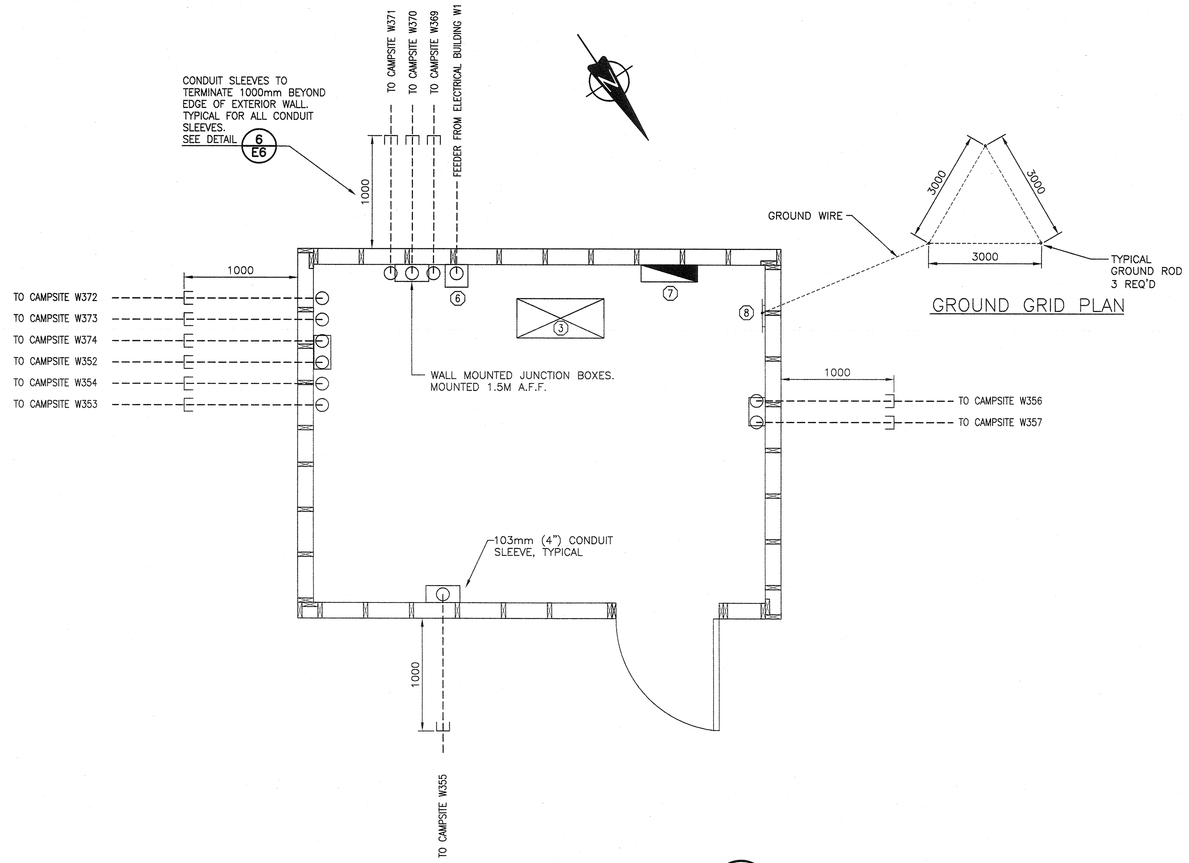
0mm 500mm 1000mm 1500mm 2000mm 2500mm



ELECTRICAL BUILDING 'U2' LAYOUT — 3/E5

SCALE: 1:25

0mm 500mm 1000mm 1500mm 2000mm 2500mm



ELECTRICAL BUILDING 'W2' LAYOUT — 4/E5

SCALE: 1:25

0mm 500mm 1000mm 1500mm 2000mm 2500mm

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS NEWFOUNDLAND & LABRADOR — PEGL — ANDREW MOIR — PRACTICING — 2014 12 23

0	ISSUED FOR TENDER	NOV. 2014
revisions		date

project / projet

NEWMAN SOUND CAMPGROUND ELECTRICAL UPGRADE TERRA NOVA NATIONAL PARK OF CANADA

drawing / dessin

ELECTRICAL BUILDINGS– DISTRIBUTION EQUIPMENT LAYOUT AND EQUIPMENT LIST

designed	G. BOWSER	conçu
date	NOVEMBER 2014	
drawn	K. WOLFE	dessiné
date	NOVEMBER 2014	
approved		approuvé
date		
Tender		Soumission
PWGSC Project Manager		Administrateur de projets TPSGC
project number		no. du projet
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drawing no.		no. du dessin
	E5	

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