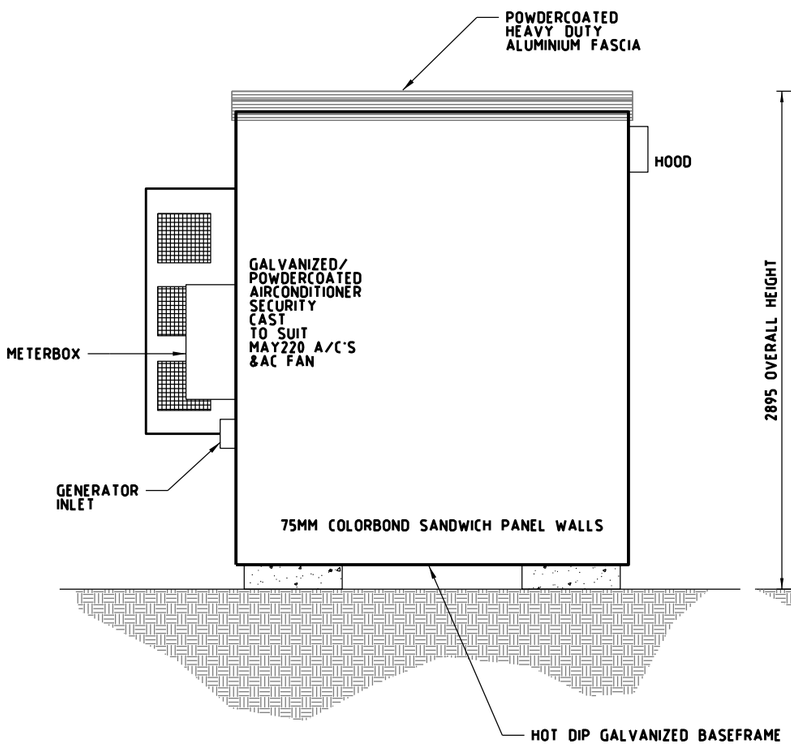

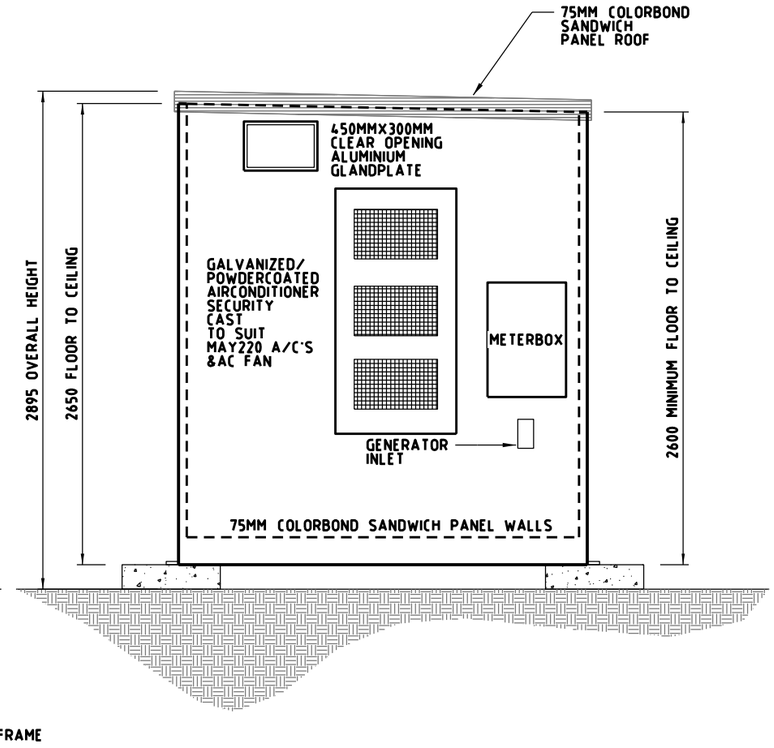

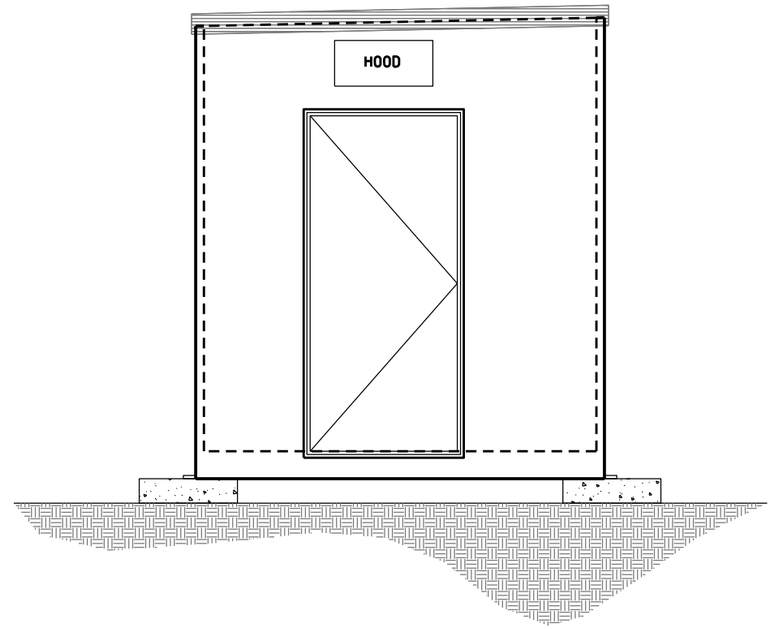

ICS HUT SPECIFICATIONS
COMMUNICATIONS SPECIFICATIONS.

DIMENSIONS: 2400mm x 2500mm x 2600mm MINIMUM FLOOR TO CEILING

BASEFRAME: HOT DIP GRADE GALVANISED BASEFRAME.
FULLY ENGINEERED TO 9 KPA

FLOOR: 19mm CD GRADE MOISTURE PROOF STRUCTURAL
PLYWOOD TONGUE AND GROOVE FLOORING
THE PLYWOOD IS PRESSURE IMPREGNATED
WITH THE PRESERVATIVE CHROMATED COPPER ARSENATE (CCA).
CCA TREATMENT IS A HIGHLY DURABLE PRESERVATIVE.
WHICH IS LETHAL TO TERMITES, OTHER INSECTS AND FUNGI.

FLOOR COVERING: SEAM WELDED "ENDEAVOUR" 2mm
VINYL SHEET FLOOR COVERING.

WALLS: 50mm SANDWICH PANEL, 0.6mm WALL SKINS AND
POLYSTYRENE FOAM CORE. EXTERNAL WALL COLOUR IS
IN PALE EUCALYPT.

ROOF: 75mm SANDWICH PANEL WITH BOTH SKINS
FINISHED IN OFF WHITE COLORBOND.

DOOR: ICS 2050mm x 900mm CLEAR OPENING METAL CLAD
DOOR UNIT IN A POWDER COATED STEEL FRAME SET.
FITTED WITH THE FOLLOWING.

- LOCKWOOD 3572 SERIES DEADLOCK
- ICS OH & S EMERGENCY DOOR SECURITY HINGES
- INTEGRAL ANTI JEMMY PLATE
- ONE HORIZON "D" PULL AND INTERNAL LEVER HANDLE
- PARROT BEAK HOLD OPEN DEVICE
- AUTOMOTIVE TYPE REPLACEABLE DOOR SEAL FITTED TO
  ALL SIDES OF DOOR FRAME SET
- ANTI LIFT OFF PINS AND GUTTER TYPE DRIP MOULD

AIR CONDITIONING: JOHNSTON MAY110 3.3KW WALL MOUNTED
AIR CONDITIONER (2 UNITS) FITTED INTO
GALVANIZED POWDER COATED 3 POSITION STACK
FRAME/SECURITY GUARD

PENETRATIONS: ONE CABLE ENTRY ALUMINIUM GLAND PLATE TO
WALL (450mm x 300mm) AND 1 OFF CABLE ENTRY
ALUMINIUM GLAND PLATE TO FLOOR (600mm x 200mm)

AIR EXHAUST: THE LENMIC L350A FAN WILL RUN IN
ECONOMY MODE WHEN THE AMBIENT IS COOLER
THAN THE INTERNAL SHELTER TEMPERATURE

ELECTRICAL:
INTEGRATED LENMIC SWITCHBOARD C/W
ERICO TDX100 3 PHASE SURGE UNIT 3 PHASE MAINS/GEN/OFF CHANGEOVER
SWITCH CIRCUIT BREAKERS & RCDS FOR CIRCUITS NOMINATED 2 OFF DOUBLE GPO
(ONE GPO MAYBE DISABLED DEPENDING ON SUPPLY LIMITATIONS)
PUSH BUTTON TIMER SWITCH FOR INTERNAL FLUORESCENT LIGHTS
PLC CONTROLLER FOR AIR CONDITIONER CONTROL & ALARM GENERATION
SMOKE DETECTOR RESET BUTTON TEMPERATURE SENSOR.

- 2 x TWIN 36W DIFFUSED FLUORESCENT LIGHTS
- 1 x 24V SMOKE DETECTOR
- POWER POINTS FOR 2 OFF CONTROLLED AIR CONDITIONERS
- 2 x DOUBLE GPO (HIGH LEVEL)
- EARTHING COMPRISING.
  - 1 x COMMUNICATIONS EBT (413LA)
  - 1 x 12 HOLE COMMUNICATIONS EARTH BAR & STANDOFFS
- 16mm2 CABLE FROM SWITCHBOARD EARTH BAR TO COMMUNICATIONS EBT.
  35mm2 CABLING FROM EBT TO COMMUNICATION EARTH BAR
- STATE SPECIFIC METER BOX & 3 PHASE MAIN SWITCH
- 1 PHASE 5 PIN 3x (PHASE) 15A GENERATOR INLET
- REED SWITCH ON DOOR
- 450 WIDE CABLE LADDER MOUNTED DIRECTLY TO CEILING

NOTES

1 FOR COMMUNICATIONS HUT FLOOR PLAN,
REFER TO STANDARD DRAWING TC-2301.

2 FOR COMMUNICATIONS HUT ACCESS ARRANGEMENTS
AND COMPOUND LAYOUT PLAN REFER TO STANDARD
DRAWING TC-2302.

ISSUE	APP'D	DATE	AMENDMENT
E			
D			
C			
B			
A	W H	12/2018	REVISION OF DETAIL

GENERAL NOTES

DESIGNED M80 UPGRADE 07/2015
APPROVED W HARVEY - MANAGER
ITS INFRASTRUCTURE & SYSTEM 08/2015
CAT:
PROJ:
FILE:

vicroads

SCALE OF METRES
HOR NTS
VER

STANDARD DRAWING
MANAGED MOTORWAY

COMMUNICATIONS HUT
ELEVATIONS AND SPECIFICATIONS

FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-2300	A