

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
- ANTLIFT 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:

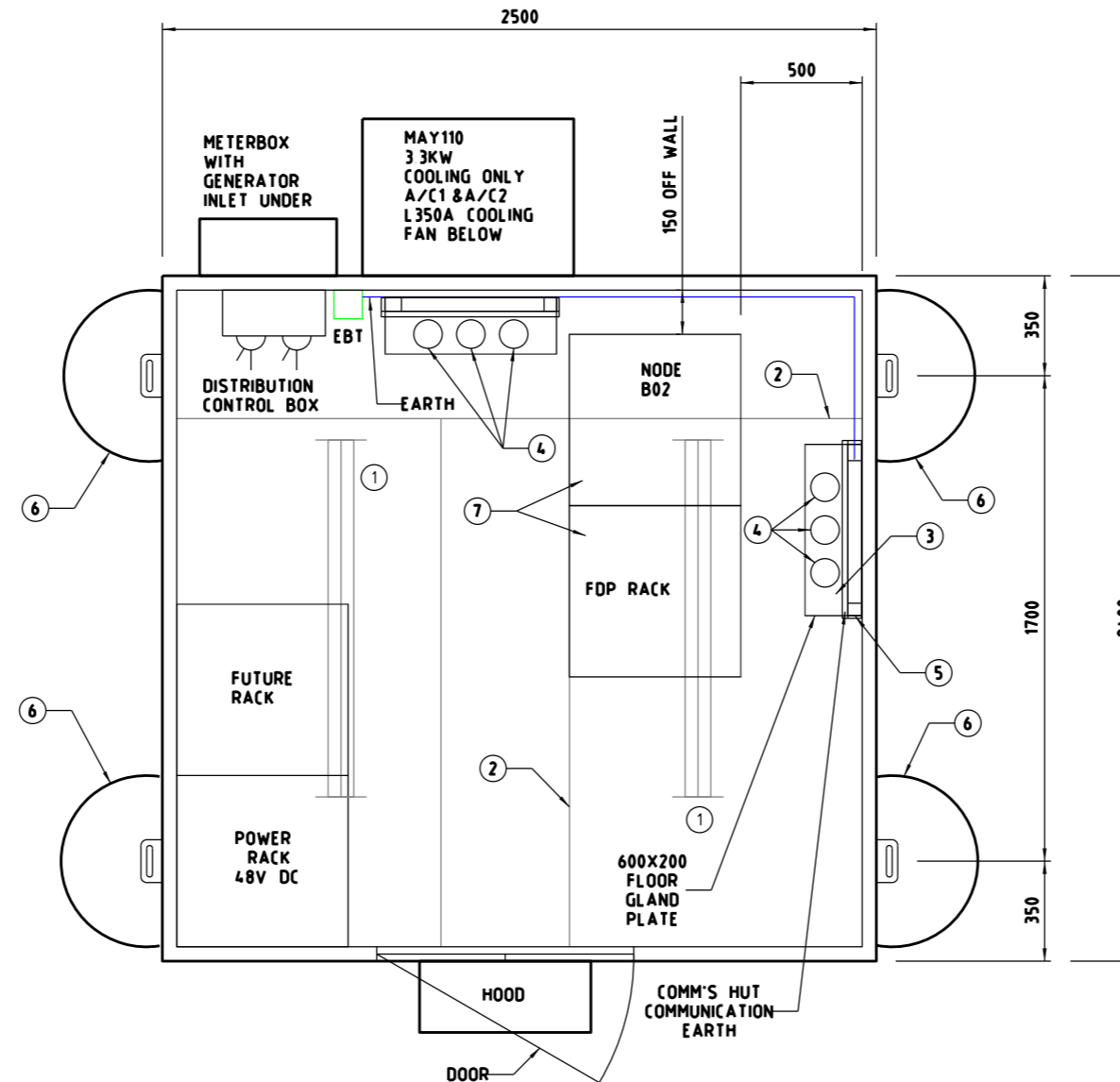
- INTEGRATED LENMIC SWITCHBOARD C/W ERICO TDX100 3 PHASE SURGE UNIT 3 PHASE MAINS/GEN/OFF CHANGEOVER SWITCH (CIRCUIT BREAKERS & RCDS FOR CIRCUITS NOMINATED 2 OFF DOUBLE GPO (ONE GPO MAYBE DISABLED DEPENDING ON SUPPLY LIMITATIONS) PUSH BUTTON TIMER SWITCH FOR INTERNAL FLUORESCENT LIGHTS PLC CONTROLLER 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

E				GENERAL NOTES				DESIGNED M80 UPGRADE 07/2015								STANDARD DRAWING MANAGED MOTORWAY COMMUNICATIONS HUT ELEVATIONS AND SPECIFICATIONS			
D								APPROVED W HARVEY - MANAGER											
C								ITS INFRASTRUCTURE & SYSTEM 08/2015				SCALE OF METRES N T S							
B												FILE NO							
A				12/2018 REVISION OF DETAIL								CONTRACT NO							
ISSUE				APP'D DATE AMENDMENT								SHEET NO							
												DRAWING NO TC-2300							
												ISSUE A							

ITEM	DESCRIPTION
1	LED TUBE CEILING LIGHT
2	CABLE LADDER ON CEILING
3	600 WIDE AP TRAY
4	CABLE ENTRIES
5	COMMUNICATIONS EARTH STAKE CONNECTION TO EARTH STAKES
6	FOOTINGS
7	45RU CABINET (600X600)



PLAN
NTS

NOTES:

- FOR PIT AND CONDUIT GENERAL ARRANGEMENT. REFER TO STANDARD DRAWING TC-2209
- FOR COMMUNICATIONS HUT SPECIFICATIONS. REFER TO STANDARD DRAWING TC-2300
- FOR COMMUNICATIONS HUT ACCESS ARRANGMENTS AND COMPOUND LAYOUT PLAN REFER TO STANDARD DRAWING TC-2302

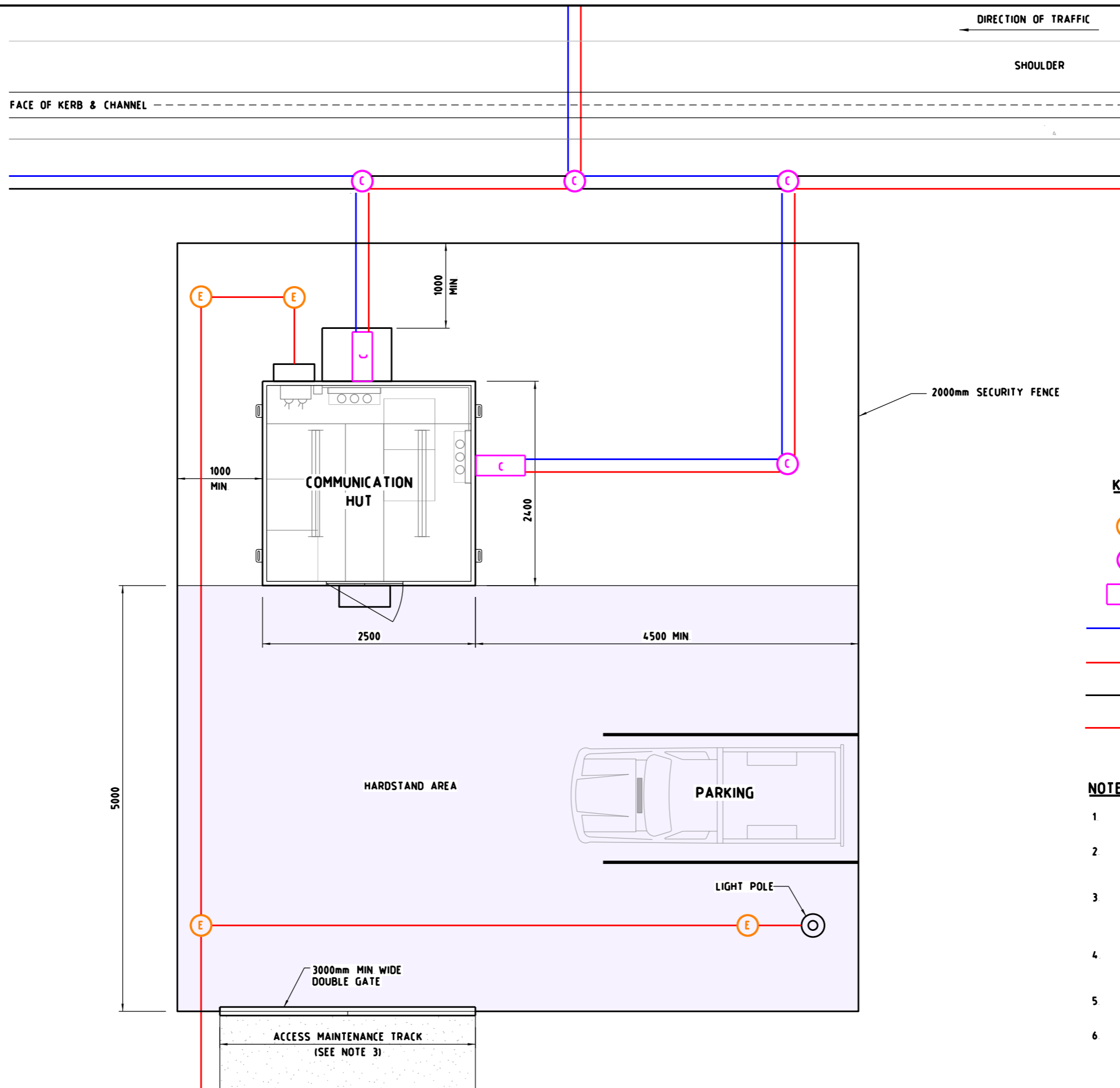
ISSUE	APP'D	DATE	AMENDMENT
A	W H	12/2018	REVISION OF DETAIL

GENERAL NOTES

DESIGNED	M80 UPGRADE	07/2015
APPROVED	W HARVEY - MANAGER ITS INFRASTRUCTURE & SYSTEM 08/2015	
CAT. PROJ. FILE	SCALE OF METRES NTS	



STANDARD DRAWING MANAGED MOTORWAY				
COMMUNICATIONS HUT FLOOR PLAN				
FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-2301	A



KEY

- E ELECTRICAL PIT 750mm
- C COMMUNICATION PIT 750mm JUNCTION
- C COMMUNICATION PIT
- FIBRE OPTIC - ROUTE A IN CONDUIT
- FIBRE OPTIC - ROUTE B IN CONDUIT
- COMMUNICATIONS CONDUIT NOT USED
- ELECTRICAL CONDUIT

NOTES:

- 1 FOR PIT AND CONDUIT GENERAL ARRANGEMENTS, REFER TO STANDARD DRAWING TC-2209
- 2 FOR COMMUNICATIONS HUT ELEVATIONS, SPECIFICATIONS AND FLOOR PLAN, REFER TO STANDARD DRAWING TC-2300 AND TC-2301
- 3 ACCESS TRACK AND HARDSTAND AREA SHALL BE ON A GRADE NO STEEPER THAN 5% AND SHALL BE FREE DRAINING THE PAVEMENT SHALL COMPRISE 100mm SIZE 20 CLASS 3 CRUSHED ROCK
- 4 HIGH STANDARD CYCLONE MESH SECURITY FENCE AND GATE WITH THREE STRAND OF BARB WIRE AT THE TOP
- 5 TO SECURE THE GATE, CHAIN & PADLOCK KEYED TO VICROADS STANDARD BI-LOCK SYSTEM TO BE PROVIDED
- 6 COMMUNICATIONS HUT LAYOUT TO BE DESIGNED TO THE SATISFACTION OF VICROADS AND MUST BE APPROVED BY VICROADS PRIOR CONSTRUCTION

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D			
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GENERAL NOTES

DESIGNED M80 UPGRADE 07/2015

APPROVED W HARVEY - MANAGER ITS INFRASTRUCTURE & SYSTEM 08/2015

CAT. PROJ. FILE

SCALE OF METRES N T S

HOR VER

STANDARD DRAWING
MANAGED MOTORWAY

COMMUNICATIONS HUT
ACCESS ARRANGEMENTS AND
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FILE NO	CONTRACT NO	SHEET NO	DRAWING NO	ISSUE
			TC-2302	A