TELSTRA
IEN FIBRE OPTIC CABLE PROJECT

ServiceStream

Level 5, 655 Collins St, Doclands VIC 3008
T +61 3 9677 8888 I F +61 3 9677 8877 | www.servicestream.com.au

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DIMS IN

AMENDMENTS		
A	ISSUE FOR SURVEY	05/08/2026
REV	DESCRIPTION	DATE

ISSUED FOR
CONSTRUCTION

SCALE	1:2000
DESIGNED	RYAN MCLEAN
DRAWN	MANISH MULMI
CHECKED	RYAN MCLEAN
APPROVED	MICHAEL STAVAR
DATE	01/09/2026
COVER SHEET	
PROJECT NUMBER	800109481

TELSTRA
IEN FIBRE OPTIC CABLE PROJECT
800109481
GOLDFIELDS
BULLABULLING, WA

SIZE	DRAWING No	SHEET	AMD
A2		OF	A

LEGEND

Ⓐ Ⓑ Ⓒ Ⓟ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ — EXISTING PITS & SIZE

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ — PROPOSED PITS & SIZE

TELSTRA EXCHNAGE

A100 — DUCT NEST (PROPOSED CABLE IN AA)

FENCE LINE

CADASTRE (BOUNDARY APPROX.)

EXISTING OPTICAL FIBRE

BUILD HAUL

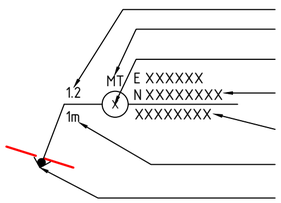
BUILD TRENCH (DUCT)

BUILD TRENCH (DIRECT BURIED)

PLOUGH

BUILD BORE

WATER



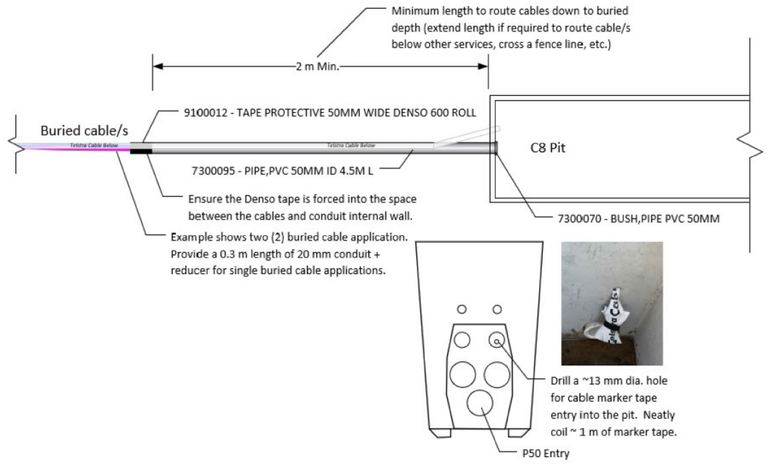
PROPOSED DEPTH OF COVER OF CABLE
MARKER TYPE (M = MARKER POST AND T = TRANSPONDER)
DESIGN STAKE REFERENCE NUMBER
CO-ORDINATE OF PROPOSED CABLE POSITION
CHAINAGE
PROPOSED CABLE OFFSET FROM DESIGN STAKE
PROPOSED OPTIC FIBRE CABLE

EXPRESS AB (EXCH) — PROPOSED FAP

50mm STARTER DUCT FOR 8 PIT, 9 PIT AND MANHOLE WITH NO FAP AND MANHOLE WITH FAP

(Telstra InfraCo Document 010260W01 Conduit Installation | ISSUE 15 | ISSUE DATE 14/12/2025)

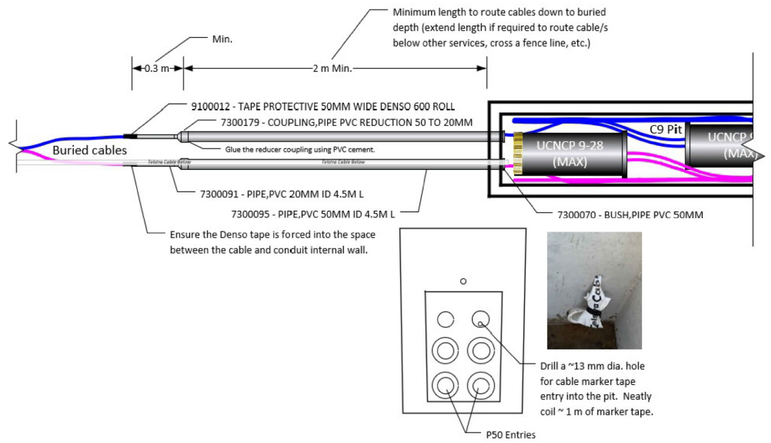
7.7.1.3.1. Starter Conduit for non-FAP Pit Scenario C8 cable loop pit where cable transitions from direct buried/solid ground into a starter conduit. Where a C8 pit is provided in the dual cable Inter-Capital Fibre Network (I-CFN) both cables can be routed into the pit via a single starter conduit. Note that C8 pits are not suitable for housing MAX closures terminating I-CFN cables (see Section 7.7.1.3.2).
Non-FAP pits installed in buried optical fibre cable routes must be concrete type C8. Any exemption to this requirement is subject to approval by the Project Owner after consultation with a fibre technology SME.



2 x 50mm STARTER DUCTS FOR 9 PIT WITH FAP

(Telstra InfraCo Document 010260W01 Conduit Installation | ISSUE 15 | ISSUE DATE 14/12/2025)

7.7.1.3.2. Starter Conduit for FAP Pit Scenarios. The following diagram shows a construction FAP example of a C9 pit housing separate MAX closures required for terminating an Express Fibre Network (EFN) cable and a Foundation Fibre Network (FFN) cable in the dual cable Inter-Capital Fibre Network (I-CFN). Separate starter conduits are required for the EFN and FFN cables.



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A2		OF	A

F GOFD 12F SM HSE EXTR@CORE 600m

F GOFD 36F SM HSE EXTR@CORE 7002m

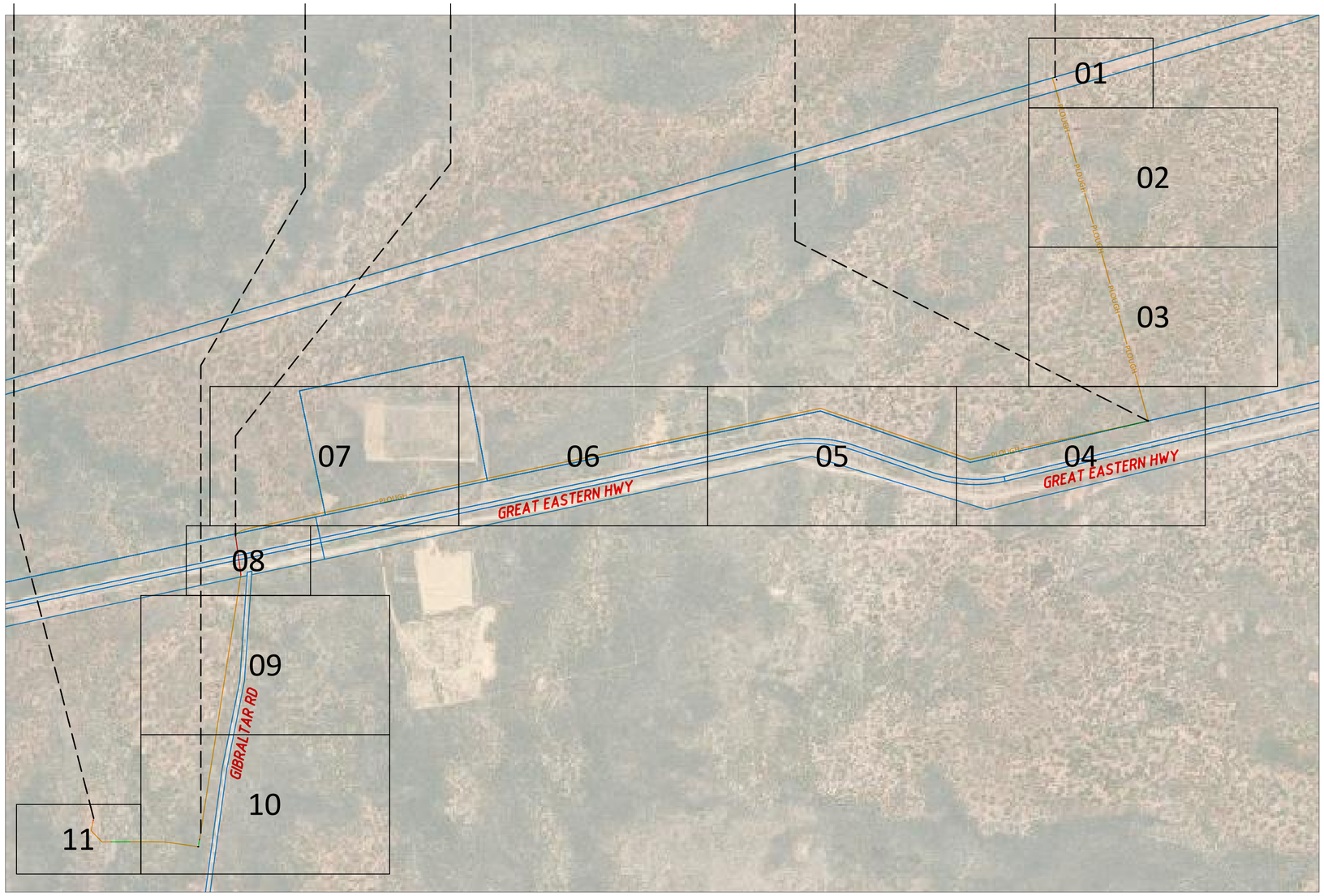
EXPRESS CONSTRUCTION N4 (GOFD)

EXPRESS CONSTRUCTION N3 (GOFD)

EXPRESS CONSTRUCTION N2 (GOFD)

EXPRESS CONSTRUCTION N1 (GOFD)

EXPRESS CONSTRUCTION EL (GOFD)



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SIZE	DRAWING No	SHEET	AMD
A2		OF	A

- PLOUGH 1507m (Contd) -
- TRENCH DB 55m-
- TRENCH 4.5m-
2xP50

NOTES
- TERMINATE NEW 36F CABLE IN THE BALI OFRS HUT (BVXG) IN RACK GD/201/2/*
- THEN USE EXISTING LEAD-IN P100 3.5m (EST) FROM BVXG TO GOFD:EL
- KEY ACCESS FROM TELSTRA KALGOORLIE TEAM TIP MLV WV009

LOCATION - OFDF
LEVEL - GD
SUITE/RACK - 201/2
DISTANCE - ___m
USING EXISTING/NEW FIBRE CABLE TRAY

INSTALL NEW FAP ON EXISTING MANHOLE

2 x P50
4.5m STARTER

REFER TO SLD FOR SPLICING DETAILS

EXPRESS
EL
(GOFD)
CONSTRUCTION

1.2m
1.7R
M
1
E 308116.2196
N 6572508.6484
12.290

7.8
4.6
TPB

LOOP
30m

43.1
TPB

1.2m
25.0L
MT
2
E 308155.4121
N 6572470.9349
59.989

12F/UNKNOWN SMOF FNPEHJ
F WOOL 4001:BM-BLIF/1-12 Z01

HEAVY CLEARING AND PLOUGH REQUIRED TO GREAT EASTERN HWY

PLOUGH
266.5
PLOUGH

TREE TO BE AVOIDED WITH TPZ PRECAUTION. POTENTIAL TREE LOSS TO BE INCURRED

JOIN SHEET 02

DO NOT SCALE
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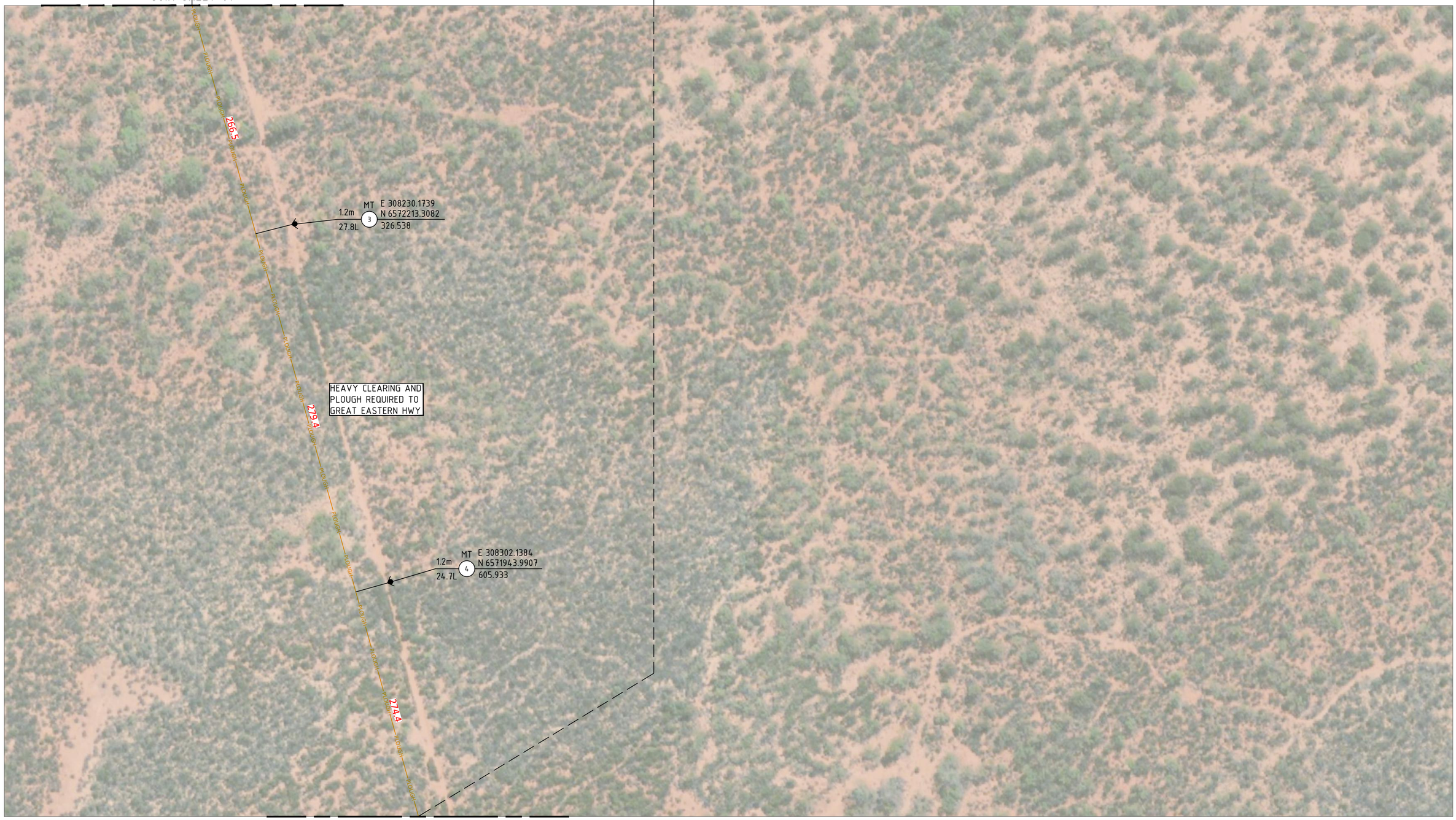
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SIZE	DRAWING No	SHEET	AMD
A2		01 OF 11	A

- PLOUGH 1507m (Contd) -

JOIN SHEET 01



JOIN SHEET 03

DO NOT SCALE

DIMS IN

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- PLOUGH 1507m (Contd) -

JOIN SHEET 02



JOIN SHEET 04

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GOLDFIELDS
BULLABULLING, WA

SIZE	DRAWING No	SHEET	AMD
A2		03 OF 11	A

- PLOUGH 4104m (Contd) -

- TRENCH 9m-

- PLOUGH 1507m (Contd) -

P50

JOIN SHEET 03

JOIN SHEET 05

MT E 308522.7163
N 6571154.3788
1425.747
1.2m
25.0L
7

140.9

HEAVY CLEARING AND PLOUGH REQUIRED TO GREAT EASTERN HWY

M E 308542.5910
N 6571017.1662
1563.253
1.2m
7.3L
8

1 x P50
4.5m STARTER

1 x P50
4.5m STARTER

223.9

INSTALL CONCRETE 8 PIT AND FAP

EXPRESS
N1
(GOFD)
CONSTRUCTION

M E 308546.0017
N 6571000.6806
1571.219
1.2m
10.8L
9

LOOP
15m

MT E 308316.9417
N 6570949.6607
1799.658
1.2m
10.1L
10

250.3

318.1

MT E 308071.7994
N 6570896.7428
2049.961
1.2m
10.4L
11

NOTE:
50 PERCENT ESTIMATED ROCK. TO BE INVESTIGATED FURTHER DURING CLEARING

240.8

MT E 307758.9973
N 6570828.0724
2368.041
1.2m
12L
12

GREAT EASTERN HWY

GOLDFIELDS WATERPIPE

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GOLDFIELDS
BULLABULLING, WA

SIZE A2 | DRAWING No | SHEET 04 OF 11 | AMD A

- PLOUGH 4104m (Contd) -



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GOLDFIELDS
BULLABULLING, WA

SIZE	DRAWING No	SHEET	AMD
A2		05 OF 11	A

- PLOUGH 4104m (Contd) -

JOIN SHEET 05

JOIN SHEET 07

250.1 PLOUGH

249.9 PLOUGH

250.5 PLOUGH

249.5 PLOUGH

250.0 PLOUGH

1.2m
9.9L
MT 21
E 305636.0466
N 6570744.7375
4561.783

1.2m
9.9L
MT 20
E 305880.7993
N 6570796.1169
4311.849

1.2m
9.9L
MT 19
E 306125.4291
N 6570847.5220
4061.333

1.2m
9.9L
MT 18
E 306370.1347
N 6570898.8983
3811.854

GREAT EASTERN HWY

GOLDFIELDS WATERPIPE

DO NOT SCALE

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GOLDFIELDS
BULLABULLING, WA

SIZE	DRAWING No	SHEET	AMD
A2		06 OF 11	A

- PLOUGH 4104m (Contd) -



JOIN SHEET 08

JOIN SHEET 06

DO NOT SCALE

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GOLDFIELDS
BULLABULLING, WA

SIZE	DRAWING No	SHEET	AMD
A2		07 OF 11	A

- PLOUGH 1166m (Contd) - | - TRENCH 4.5m- | - BORE 171m- | - TRENCH 4.5m- | - PLOUGH 4104m (Contd) -

P50 | PE110 | P50

JOIN SHEET 07

1.2m
3.2R
M E 304550.1472
26 N 6570519.3809
5671.021

1.2m
6.0R
M E 304541.6329
27 N 6570510.0947
5684.026

1.2m
2.8R
M E 304543.3990
28 N 6570498.7152
5690.275

1.2m
10L
MT E 304611.0457
25 N 6570529.2759
5609.130

8.5
23.4
38.5
PLOUGH

8

1 x P50
4.5m STARTER

INSTALL CONCRETE 8 PIT AND FAP

EXPRESS
N2
(GOFD)
CONSTRUCTION

LOOP
15m

BORE
170.9

GREAT EASTERN HWY

GOLDFIELDS WATERPIPE

1.2m
3.0R
M E 304565.0276
29 N 6570342.9586
5847.526

1.2m
3.9R
M E 304565.5980
30 N 6570334.2199
5854.889

INSTALL CONCRETE 8 PIT

1 x P50
4.5m STARTER

NOTE:
NEW PIT TO BE INSTALLED BUT BURIED AFTER CONSTRUCTION

LITHIUM DRAGON TENEMENT
NO GO ZONE

242.7

GIBRALTAR RD

RUNOFF DRAIN TO BE AVOIDED DURING CLEARING

JOIN SHEET 09

DO NOT SCALE

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GOLDFIELDS
BULLABULLING, WA

SIZE	DRAWING No	SHEET	AMD
A2		08 OF 11	A

- PLOUGH 1166m (Contd) -

JOIN SHEET 08



JOIN SHEET 10

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BULLABULLING, WA

SIZE	DRAWING No	SHEET	AMD
A2		09 OF 11	A

- TRENCH DB 296m (Contd) - | - TRENCH 4.5m - | - HAUL & RRP 60m - | - TRENCH 4.5m - | - PLOUGH 1166m (Contd) -

P50 P50

JOIN SHEET 09

LITHIUM DRAGON TENEMENT
NO GO ZONE

MT E 304495.7208
N 6569589.8953
6610.094
1.2m
42.7L
33

HEAVY CLEARING
REQUIRED

RUNOFF DRAIN TO BE
AVOIDED DURING CLEARING

GIBRALTAR RD

242.3 PLOUGH

172.8 PLOUGH

MT E 304465.5841
N 6569342.2939
6852.420
1.2m
50.9L
34

M E 304446.7235
N 6569212.7667
6983.620
1.2m
52.2L
35

M E 304439.6165
N 6569167.2436
7029.695
1.2m
51.2L
36

1 x P50
4.5m STARTER

1 x P50
4.5m STARTER

8

102.7 TDB 48.1 TDB 145.0 TDB 30.2 HAUL

M E 304234.5480
N 6569165.0816
7209.346
1.2m
1.4L
38

M E 304382.1955
N 6569144.4764
7059.893
1.2m
1.2L
37

INSTALL CONCRETE 8
PIT AND FAP
PIT MUST BE BURIED
AFTER INTALLATION

NOTE:
MINERALS 260 TO INSTALL
P100 ROAD CROSSING

EXPRESS N3 (GOFD) CONSTRUCTION

LOOP
15m

JOIN SHEET 11

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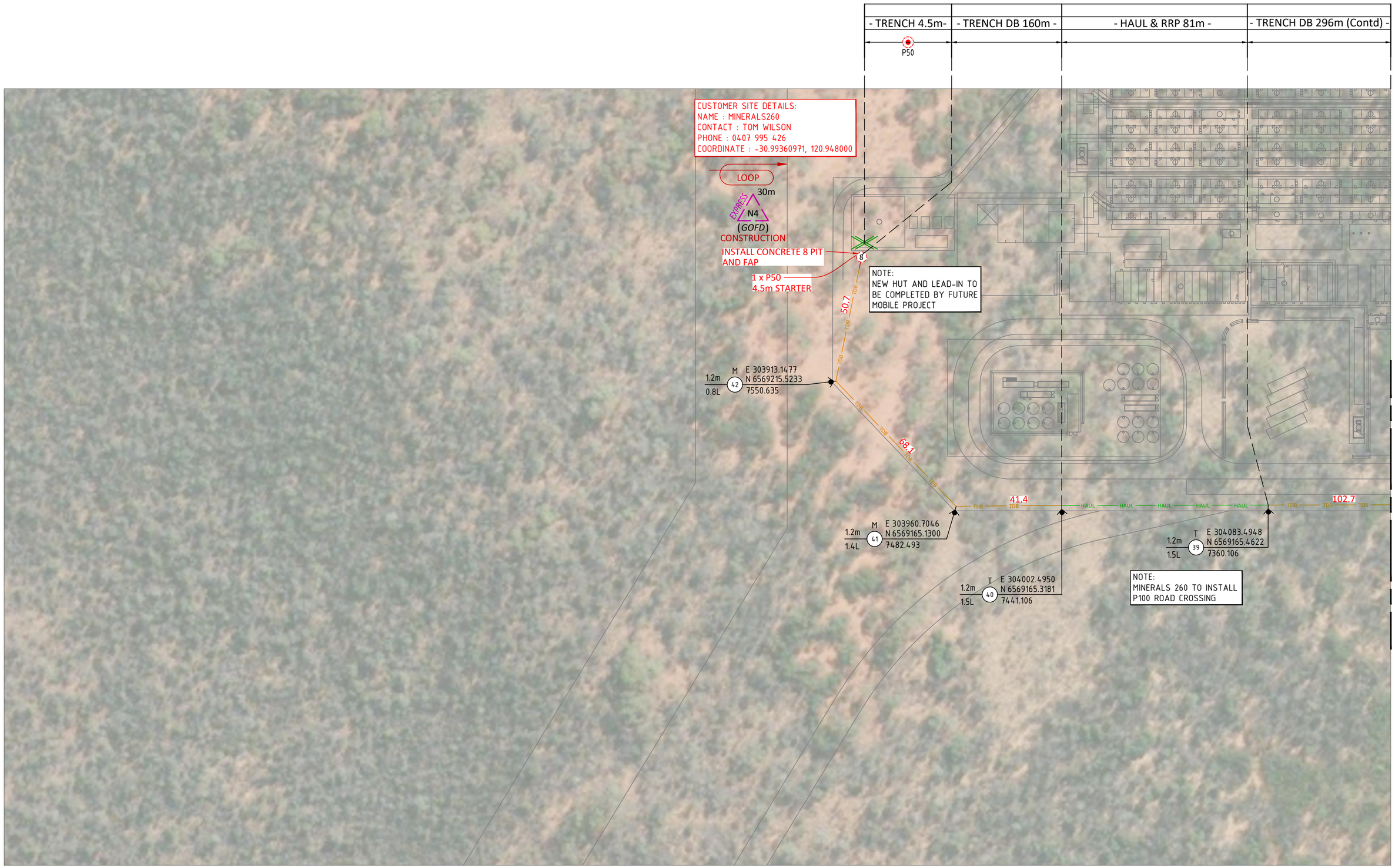
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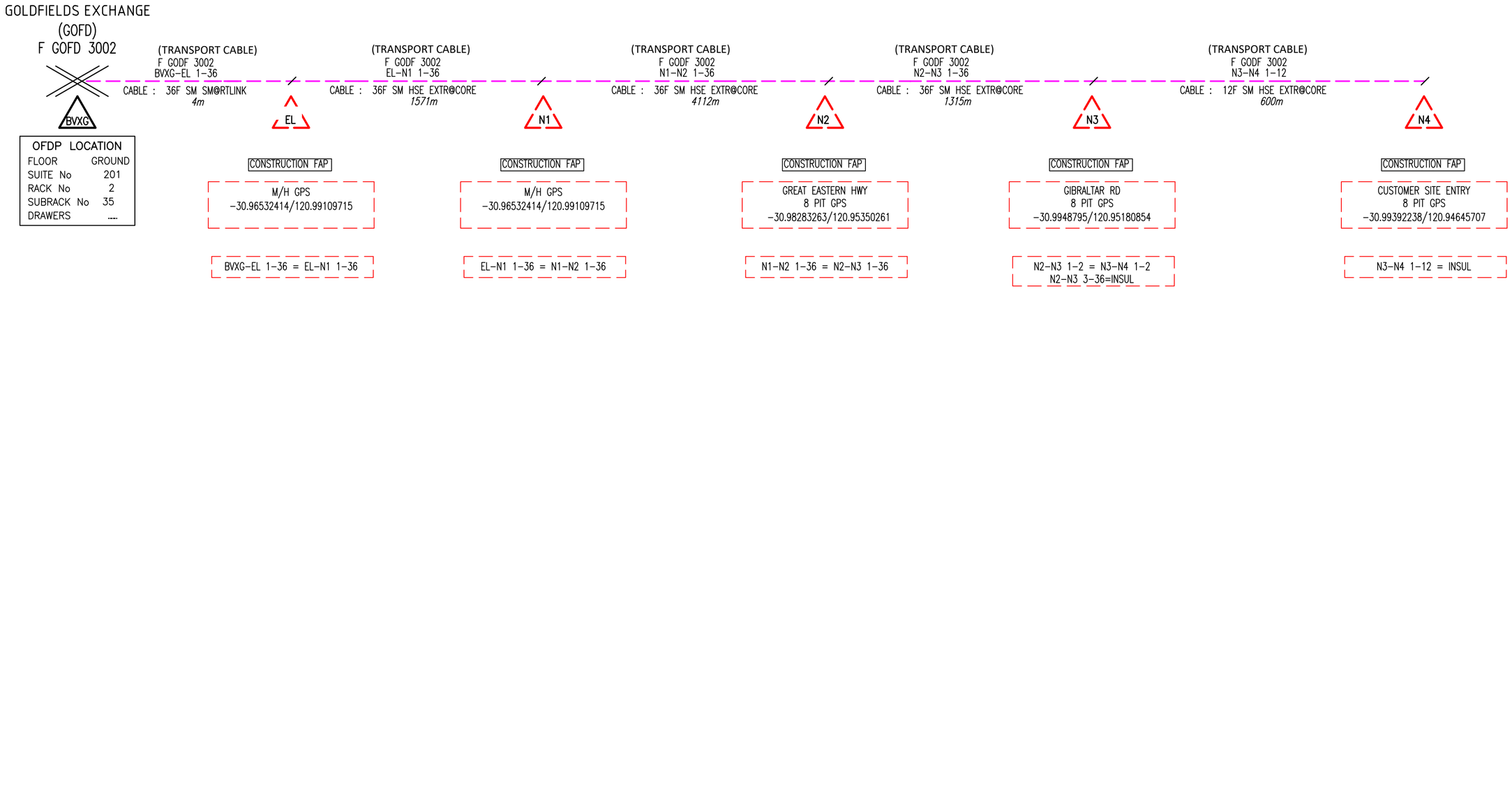
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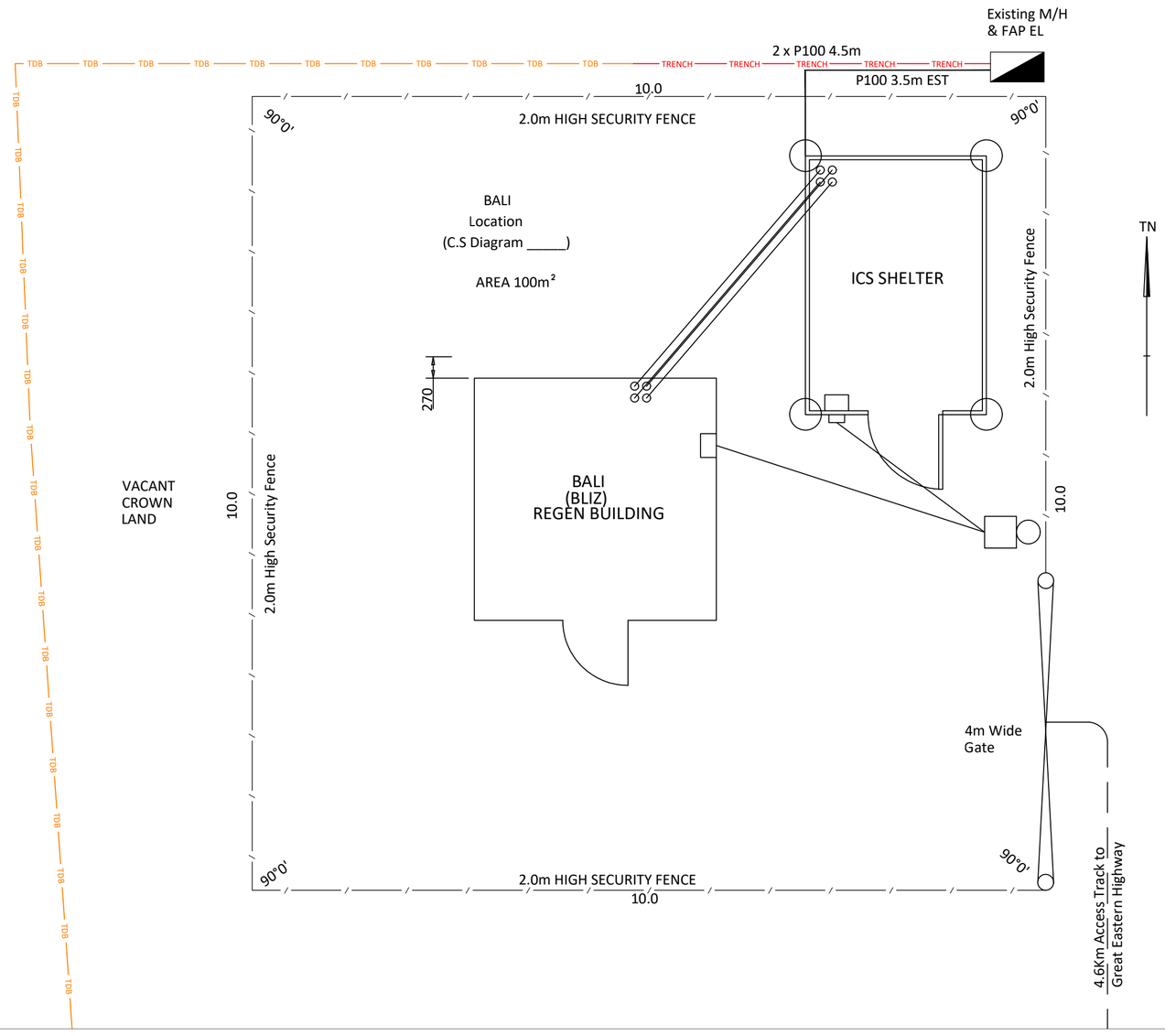
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STRAIGHT LINE DIAGRAM	
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SITE DETAILS BLITZ

DATA

HORIZONTAL :	AUSTRALIAN GEODETIC DATUM 1984
VERTICAL :	AUSTRALIAN HEIGHT DATUM

CO-ORDINATES ±1"

GEOGRAPHICAL

LATITUDE :	30°58'00 SOUTH
LONGITUDE :	120°59'23

GRID - A.M.G.84

ZONE :	51
NORTHINGS :	6 752 356
EASTING :	307 999

RL OF STATION MARK -

NOTES:
FOR DETAILS OF SITE INFORMATION PLAN REFER TO .....

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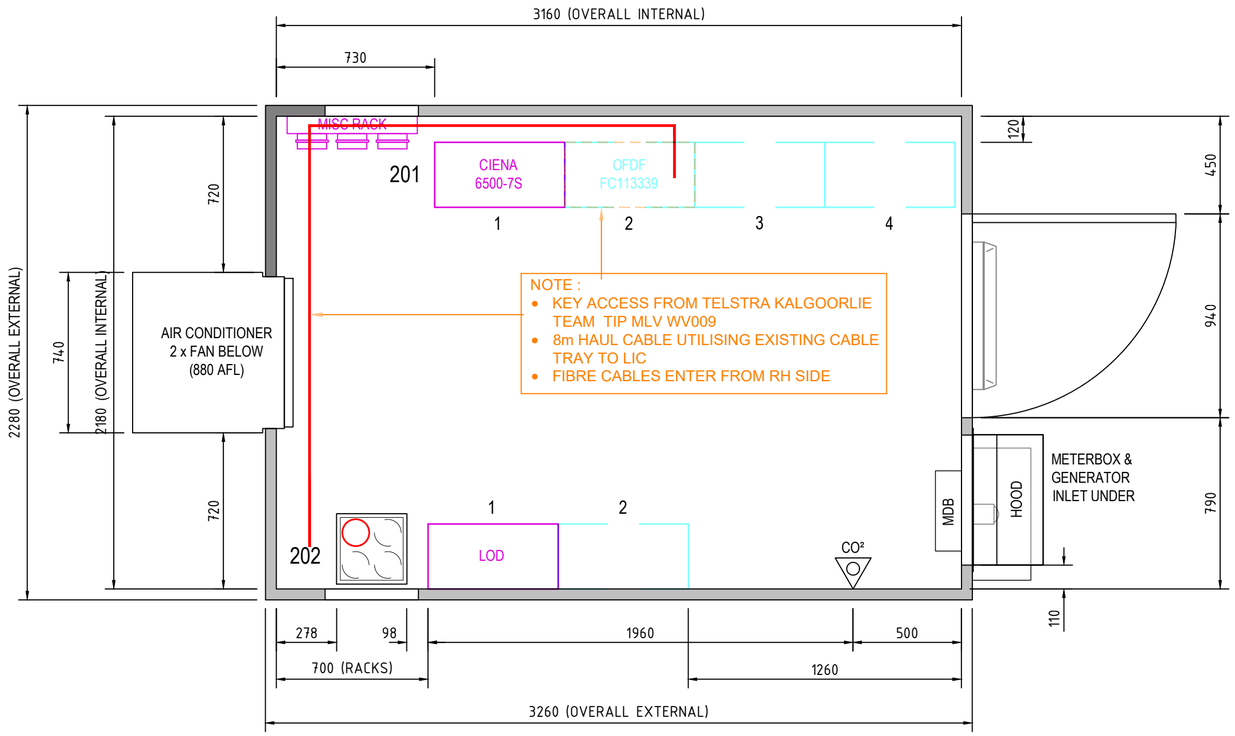
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HUT SITE LAYOUT	
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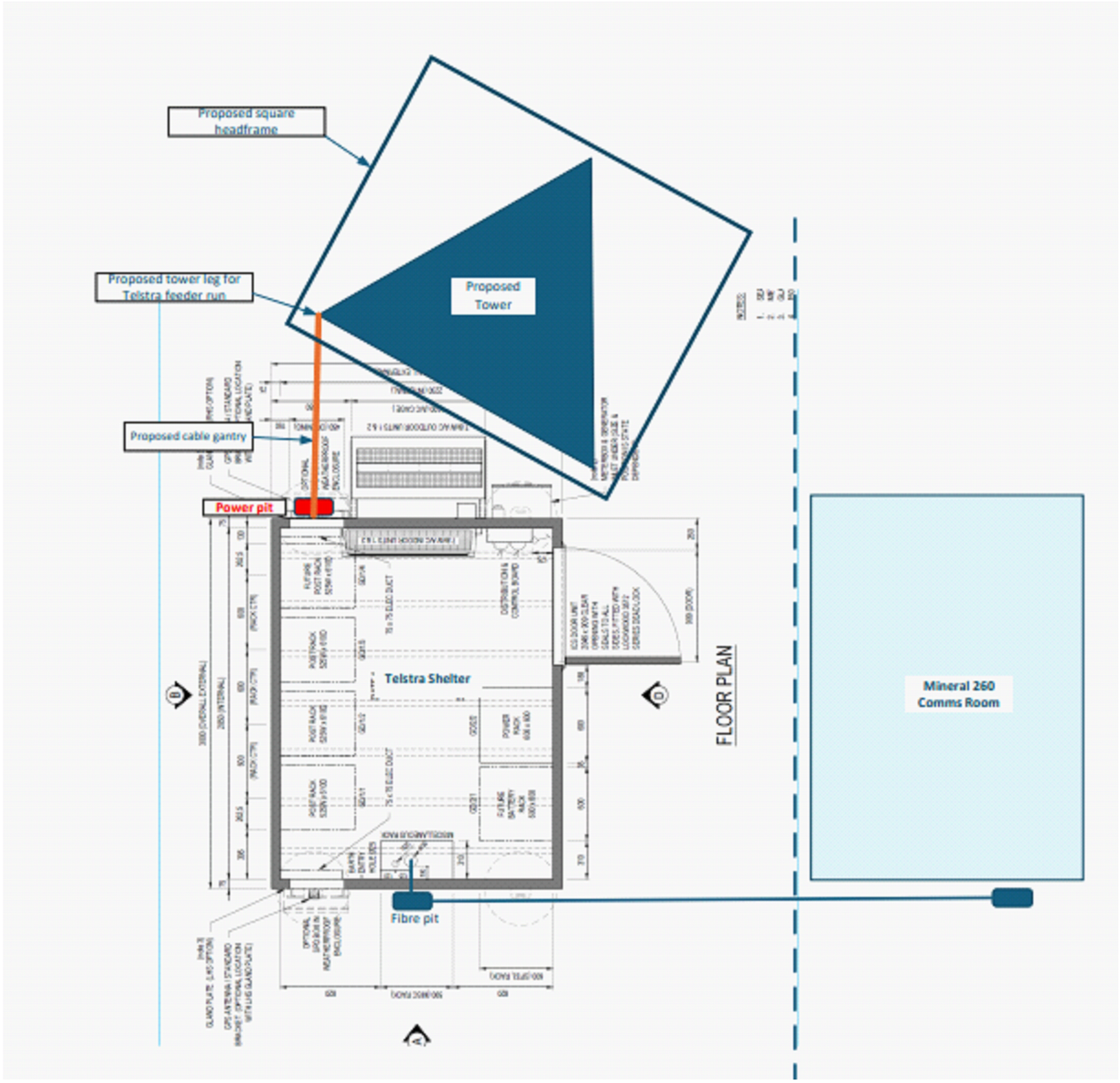
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CHECKED	RYAN MCLEAN
APPROVED	MICHAEL STAVAR
DATE	01/09/2026
TELSTRA SHELTER	
PROJECT NUMBER	800109481

TELSTRA
IEN FIBRE OPTIC CABLE PROJECT
800109481
GOLDFIELDS
BULLABULLING, WA

SIZE	DRAWING No	SHEET	AMD
A2		OF	A