

AMENDMENTS

A

ORIGINAL ISSUE

Job No. WTE14.06

B

DESIGN N/A

DR'N K.T.

CH'D J.B./R.L.

DATE 05/09/14

TMDM S.F.W.

DATE 9/4/18

ITEM 22 PART NUMBER ADDED.

C

DESIGN N/A

DR'N TV

CH'D MA/MB

DATE 15.12.25

A.E.M. S.P.

STOCK CODES UPDATED

NOTES

1. POLE STEPS ARE REQUIRED TO BE INSTALLED FROM 8.3m ABOVE GROUND LEVEL. WHERE NORMAL VEHICLE ACCESS IS NOT AVAILABLE (OFF ROAD) POLE STEPS WILL BE REQUIRED FROM 6m ABOVE GROUND LEVEL.

2. VISIBLE LOCATION 95mm² INSULATED EARTH ABOVE INSULATED COVER.

3. FIT POLE INSULATING COVER OVER CABLE GUARD & FIX STAINLESS STEEL STRAP. IF REQUIRED IN EARTHING REPORT.

4. CHECK CABLE SCREEN EARTHING REQUIREMENT.

5. IF AREA SURROUNDING POLE IS EXCAVATED FOR INSTALLATION OF CABLE:
-POLE MAY REQUIRE TEMPORARY SUPPORT/STABILISATION
-BACKFILL TO BE COMPACTED

ITEM

PART

DRG

DESCRIPTION

QTY

1

-

280236

POLE PRESTRESSED CONCETE

1

2

1000006147

370399

STEP,POLE,HEX,M16x180MM(L),50MM(T),+NUTS

A/R

3

1000007527

052796

XARM,METAL,3000x152x152MM,6.3MM(T)

1

4

1000000468

054790

BRACE,XARM,ANG,TYPE 3H,GALV,2 X M18

2

5

ALR002

398038

INSULATOR LONG ROD ASSEMBLY

3

6

-

-

OHEW ASSEMBLY TYPE AS PER PROJECT.

1

7

1000006090

259304

PROTECTOR,CABLE,COVER,LONG TPR,3300x1228

1

8

1000005436

-

CLAMP,CABLE,UNIV,50-200MM(D) CABLE

18

9

1000006092

077162

BRACKET,MTG,SUP,GALV,33/66KV POLYMERIC,S

3

10

1000006091

078931

BRACKET,MTG,SUP,GALV,6KV POLYMERIC SURGE

3

11

1000005413

-

ARRESTER,SURGE,30KV,GND SIDE PED MTG,EFF

3

12

SEE TABLE 1

-

33kV CABLE TERMINATION XLPE OUTDOOR

1

13

SEE TABLE 2

-

LUG CABLE

3

14

SEE TABLE

399844

LUG CONDUCTOR TO SUIT CONDUCTOR

3

15

SEE TABLE 3

-

CLAMP CABLE TO SUIT CABLE DIA

3

16a

AEC-A

051125

EARTH CONNECTION AEC-A

1

16b

AEC-B

051125

EARTH CONNECTION AEC-B

2

16e

AEC-E

051125

EARTH CONNECTION AEC-E

1

17a

ACP007

240600

M20 BOLT ASSEMBLY FOR CROSSARM

1

17b

ACP009

240600

M16 BOLT ASSEMBLY FOR CROSSARM

2

17c

ACP005

240600

M20 EYEBOLT ASSEMBLY FOR POLE

1

17d

ACP006

240600

M20 EYEBOLT ASSEMBLY FOR CROSSARM

2

17e

ACP010

240600

M16 BOLT ASSEMBLY FOR POLE

1

18

1000005412

-

ARRESTER,SURGE DIVERTER,6KV,10KA,100KVA

3

19

1000006220

380808

PROTECTOR,CABLE,COVER,720MM(W),460MM(D)

4

20

1000007437

-

STRAPPING,BAND-IT,19MM(W),30M(L),SSTEEL

A/R

21

-

-

BOLT STEEL GALV M12 X 40 LG

12

22

1000006472

-

WASHER,BEVEL,SQ,WEDGE SHAPE,D TPR,M12,40

A/R

POLE STEP
ANGLE 120°

TABLE 1

CABLE	STOCK NUMBER
630mm 33kV CABLE TERMINATION	1000005407
800mm 33kV CABLE TERMINATION	1000005407
1200mm 33kV CABLE TERMINATION	1000005408

TABLE 2

CABLE	STOCK NUMBER
630mm 33kV CABLE LUG	1000005669
800mm 33kV CABLE LUG	1000001905
1200mm 33kV CABLE LUG	1000003250

TABLE 3

CABLE DIA RANGE	STOCK NUMBER
55mm - 60mm	1000007539
63mm - 70mm	1000007536
70mm - 75mm	-
80mm - 85mm	1000001893
0mm - 84mm	1000008089

1
3
4
17a
17b
17c
17e
11
12
9
10
21
22
2
8

14.00
14.00
6 GROUPS OF CABLE
SADDLES, EQUALLY SPACED.

GROUND
LEVEL

POLE FOUNDATION:
DRG 367719

180° FACE

6
5
17c
16a
1000
1000
14.00
3000

14
13
18
15
16b
16e

SEE NOTE 2

20
19
7
SEE NOTE 3

90° FACE

EARTH ELECTRODE
DRAWING 056814

OPTIONAL STAY
DWGS: 048342 & 048343

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ORIGINAL SCALE NTS

APPROVED S.F.Williams

DRAWN CP

DATE 5/09/2014

CH'D J.B./R.L.

DO NOT SCALE DIMENSIONS IN MILLIMETRES

AUTHORISED D.Mate

OVERHEAD TRANSMISSION
33kV CONSTRUCTION No. 50C UG/OH
DELTA TERMINATION

NETWORK MAINS MANAGER

31.10.14

Rev.

398007

c

SHEET No 1 OF 1 SHEETS