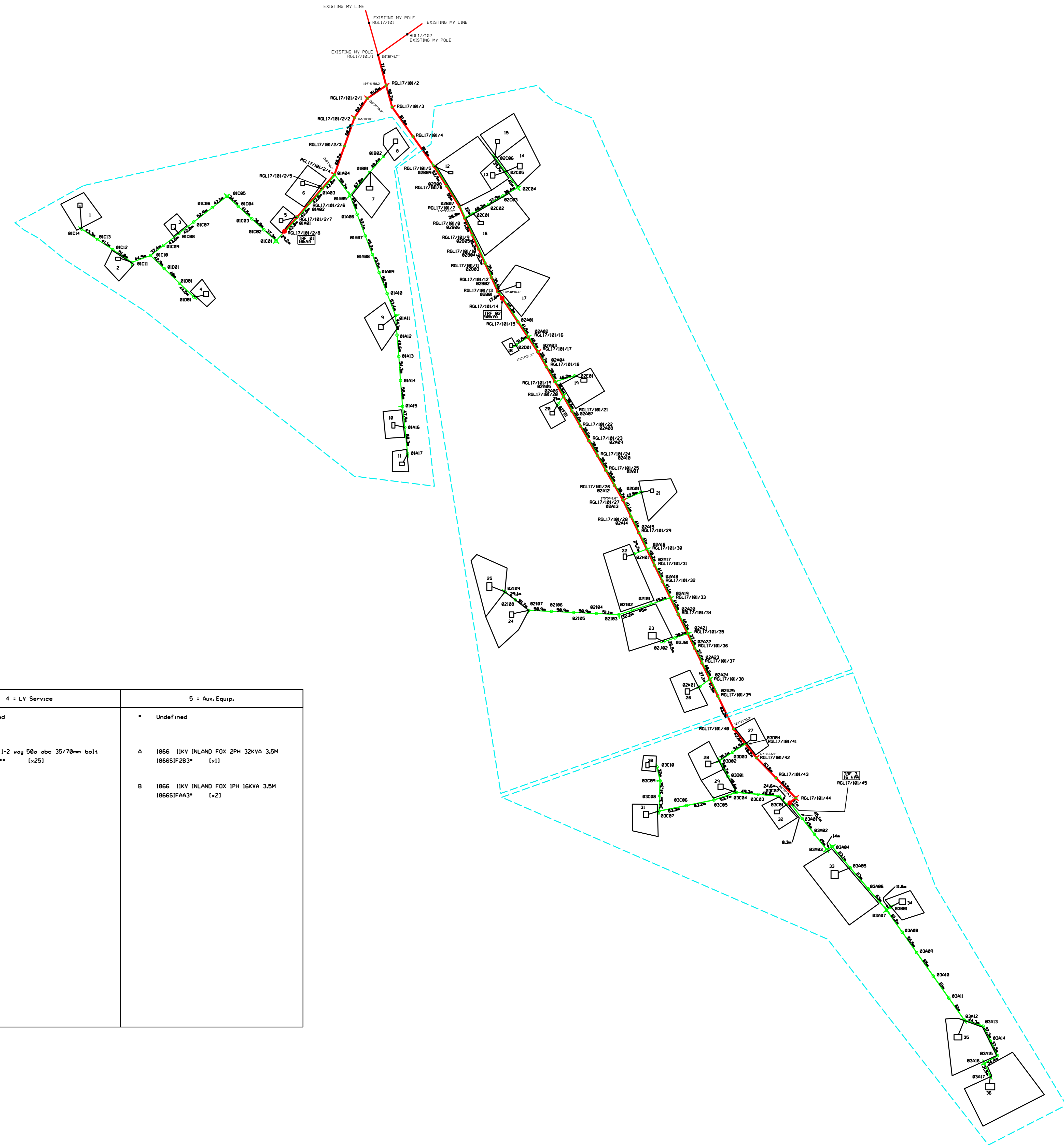
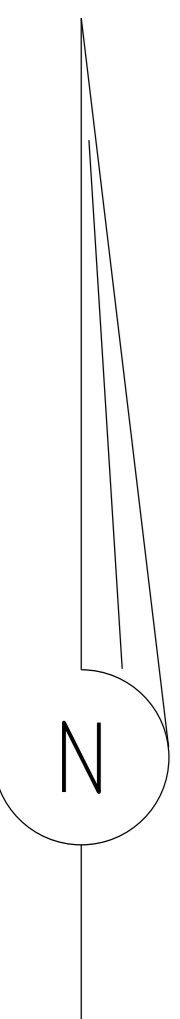


MHLANGAZANE PRIMARY SCHOOL



| CODE POSITION | 1 = Poles | 2 = MV Conf. Anchors | 3 = LV Conf. Anchors | 4 = LV Service | 5 = Aux. Equip. |
|---------------|---|---|---|---|---|
| | <ul style="list-style-type: none"> Undefined | <ul style="list-style-type: none"> Undefined | <ul style="list-style-type: none"> Undefined | <ul style="list-style-type: none"> Undefined | <ul style="list-style-type: none"> Undefined |
| A | pole 11m 168-179 wooden medium hand @341*20F** @341*20F** @34300F** @35100F** (x41) | F 1718 22kV inland fox non road crossing 1718WIP*N** (x37) | A ABC 3ph Sup (110) Ass (8-30) 1108*2** (x60) | A p/t box 1-2 way 50a abc 35/70mm bolt 3055AE2** (x25) | A 1866 11KV INLAND FOX 2PH 32KVA 3,5M 1866SIF2B3* (x1) |
| B | pole 7m 128-139 wooden medium mach @358PAGH*** (x73) | G 1714 22kV inland fox non road crossing 1714WIP*N** (x1) | B ABC 3ph Terminal Ass 1128*2** (x14) | | B 1866 11KV INLAND FOX 1PH 18KVA 3,5M 1866SIFA3* (x2) |
| | | H 1715 22kV inland fox non road crossing 1715WIP*N** (x3) | C ABC 3ph Strain Ass (8-60) 1121*2** (x8) | | |
| | | I 1716 22kV inland fox non road crossing 1716WIP*N** (x3) | D ABC 3ph Strain Ass (68-90) 1122*2** (x3) | | |
| | | J 1881 22kV inland fox non rd cross 1881WIFFN** (x3) | E ABC 3ph Tuff from Int 1148*2** (x8) | | |
| | | | h 2 ABC 3ph Terminations at Tr. 2 x 1128*2** (x3) | | |
| | | | m stay conventional LV pole - hard soil @341*FLP* (x28) | | |
| | | | n 2 x stay conventional LV pole - hard soil 2 x @341*FLP* (x3) | | |

| LEGEND | |
|--------|-------------------------------|
| SYMBOL | DESCRIPTION |
| | LV POLE WITH STAY AND STRUT |
| | LV POLE WITH FLYING STAY |
| | LV POLE WITH SHORT STAY |
| | MV POLE WITH STAY AND STRUT |
| | MV POLE WITH FLYING STAY |
| | MV POLE WITH SHORT STAY |
| | TRANSFORMER/VENT SUB |
| | LV, MV & SHARING POLES |
| | KICKER POLE (5,7,9m) |
| | ISOLATOR |
| | BREAKER |
| | AUTO RECLOSER |
| | SECTIONALIZER |
| | METERING UNIT |
| | FUSE ISOLATOR |
| | SURGE ARRESTER |
| | CABLE JOINT (MHLV) |
| | MV CROSS FEET / EARTH SPIKE |
| | LV CROSS FEET / EARTH SPIKE |
| | HIGH MAST |
| | ABC CONDUCTOR 35 & 70 |
| | ? - 1 PHASE = R, W, B |
| | ? - 2 PHASE = R, W, B |
| | ? - 3 PHASE = R, W, B |
| | MV & LV BARE CONDUCTOR |
| | F = FOX, G = GOPHER, H = HARE |
| | M = MINK, S = SQUIRREL |
| | W = WOLF, R = RABBIT, D = DAX |
| | PHASES SEE ABC CONDUCTOR |
| | MV = RED, LV = GREEN |
| | SERVICE CONNECTIONS 4/10/16mm |
| | SERV. CONNec. w/g 4/10/16mm |
| | POLE BOX PHASE CONNECTION |
| | STREET LIGHT |
| | STREET LIGHT CABLE |
| | TELKOM LINE |
| | TELKOM POLE |



| NO. | DATE | BY | REVISION |
|-----|------|----|----------|
| | | | |
| | | | |



PROJECT: ELECTRICIFICATION OF Esandleni
 TITLE: MV & LV LAYOUT

| SCALE | SCALE CONTR. NO. | CONTRACT NO. |
|-----------------------|-------------------------|--------------------------|
| 1:2000 | | |
| DESIGNER: R. ISOETE | DATE: 15/08/2014 | APPROVED: M. MHLANGAZANE |
| DRAWN: M. MHLANGAZANE | CHECKED: M. MHLANGAZANE | DATE: 15/08/2014 |

Esandleni 0