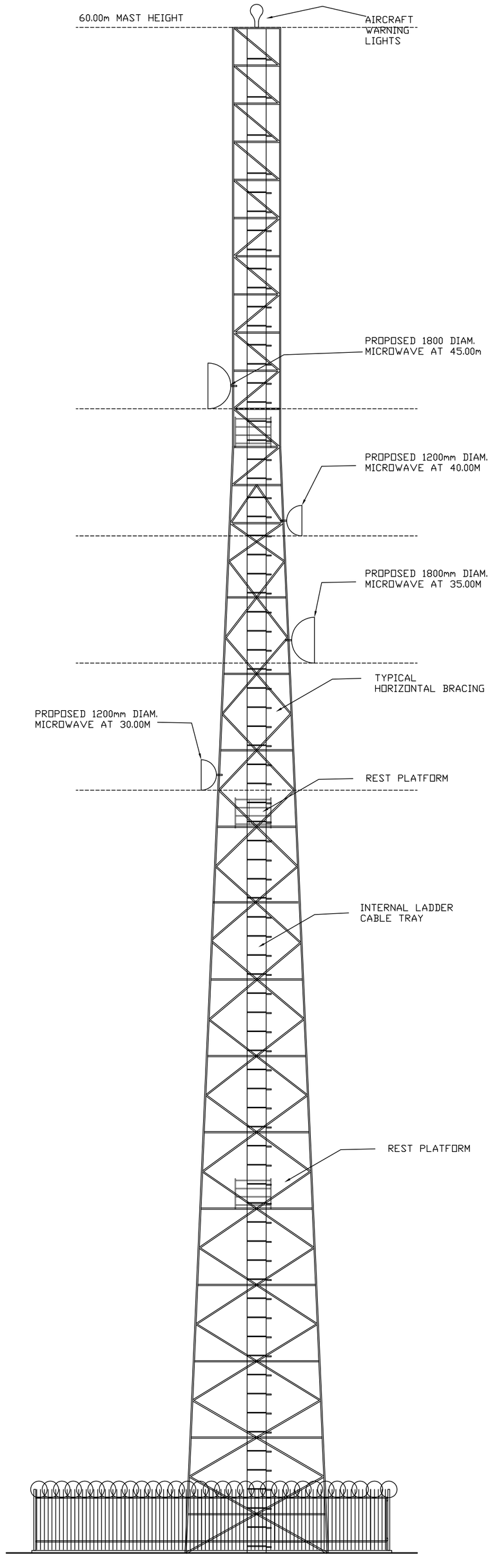
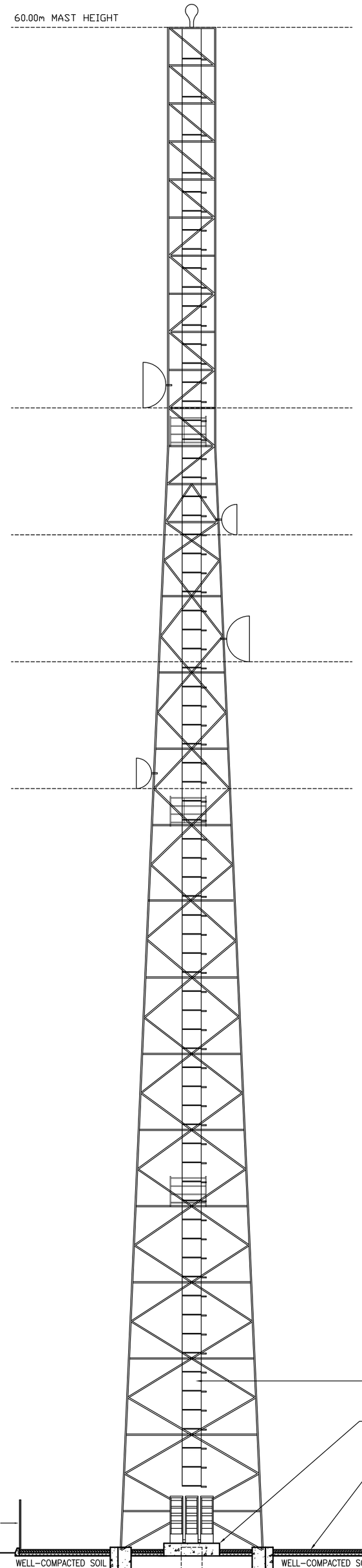




SCOPE
– NEW 14x14m CELL–C SITE WITH A 60m 3 LEG LATTICE MAST
– A NEW 14x14m STEEL PALISADE FENCE (CELL–C SPEC) WITH CONCRETE RING BEAM AND 3m SWING GATE WITH RAMP
– FLAT WRAP ON FENCE
– A NEW 2460mmx800mm CONTAINER SLAB TO ACCOMMODATE A CELL–C CONTAINER AND 1x SHARING PARTY CONTAINER, SLAB TO BE CAST 0.5m FROM THE BACK FENCE AND 0.75m FROM THE SIDE FENCE
– THE CELL–C OUTDOOR UNIT IS PLACED 1.4m FROM BACK FENCE, 0.5m FROM FRONT OF CONTAINER SLAB AND 2m FROM SIDE FENCE
– FUTURE SHARING PARTY CONTAINERS WILL BE PLACED DIAGONALLY ACROSS FROM THE CELL–C OUTDOOR UNIT AND A DISTANCE OF MINIMUM 1m BETWEEN CONTAINERS
– A CONCRETE BLOCK CAST BELOW MAST LADDER TO ACCOMMODATE 9x 110 DIAM. RF SLEEVES; 1x 110 DIAM. PVC TRANSMISSION SLEEVE AND 1x 50 DIAM. POWER SLEEVE FOR MAST LIGHT

LEGEND

A. GATE: new 3m wide double leaf painted ms steel bar pedestrian gate / painted green

B. THRESHOLD: new concrete threshold

C. FENCE: new 2.4m high steel palisade fence, painted green/ 500mm high razorwire over / precast conc. mini kerb

D. STONE: new crushed stone 50mm thick on poisoned compacted fill

E. new CELL C 60m high steel lattice mast / to engineer's details

F. new CELL C outdoor units 0.6x0.6m on new mesh reinforced conc. slab 0.8mx2.4m

TRANSMISSION: 1x CELL C spec transmission manhole to be installed on site next to CELL C container / 2x 110 diam. PVC transmission sleeves underground from transmission manhole to 2x site boundaries / 1x 110 diam. PVC transmission sleeve underground from manhole to conc. block under cat ladder / 1x 110 diam. PVC transmission sleeve to CELL C container slab / 2x 110 diam. PVC transmission sleeves to future sharing party container slabs

POWER: CELL C to apply for a new ESKOm power supply to accommodate 3x parties on site / a new 3 party sharing db to be installed (only breakers for 2x parties) / db to be wired as to provide SHARE OPERATOR 1 as first sharing party with standby power / db to be mounted on db pole cast in conc. block with site light on top of db pole / conc. base under db pole to accommodate 6x power sleeves

1. 110 diam. PVC: incoming ESKOM power
2. 110 diam. PVC sleeve to CELL C container slab
3. 2x 110 diam. PVC sleeves to sharing party container slabs
4. 50 diam. sleeve to site light switch
5. 50 diam. sleeve to mast for aviation lights

RF: route underground in 3x 110 diam. PVC sleeves from container slab to CELL C spec RF manhole and to conc. block under ladder / 6x 110 diam. PVC sleeves and 2x CELL C spec manholes to be installed for future sharing parties / RF in tripple clamps up side of ladder up mast / CELL C antennas to be mounted directly onto mast leg with top of the antenna level with the top of the mast / safety cables to be installed on antennas / future operator antennae to be mounted with bottom of antenna at 57.4m

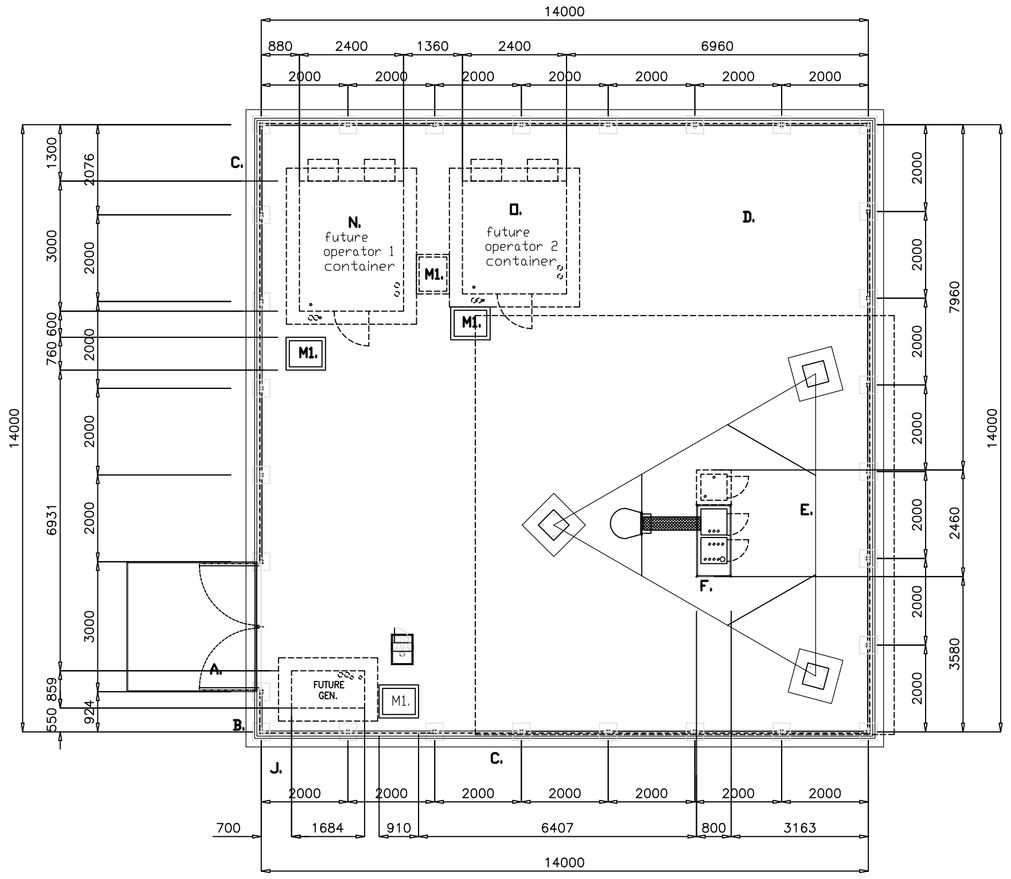
New precast concrete manholes 690x540 with 450x600 CI manhole covers

M1– manhole for CELL C and S.O.1 by CELL C

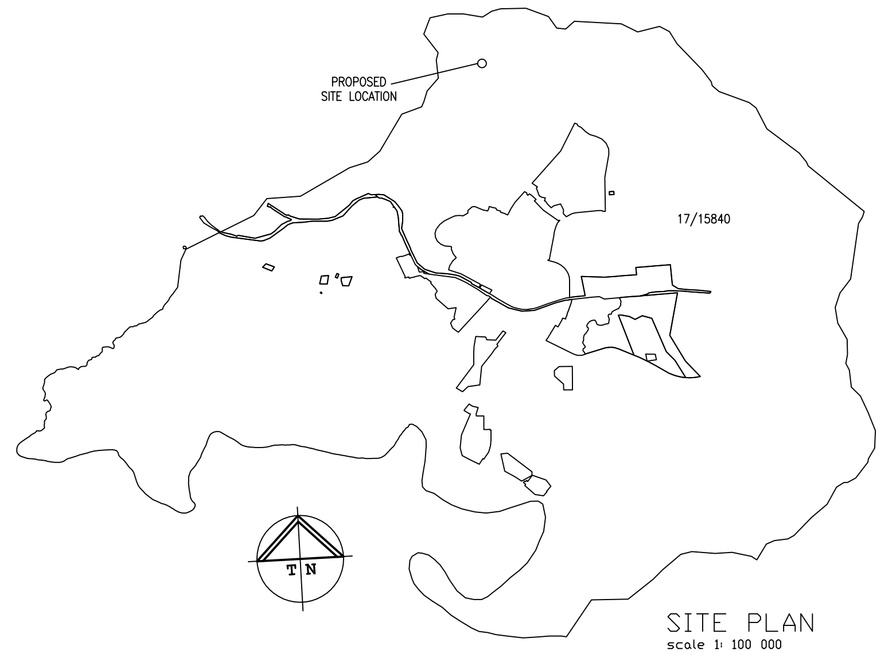
M2– manhole for S.O.2

N. proposed 3x2.4m SHARE OPERATOR 1 container

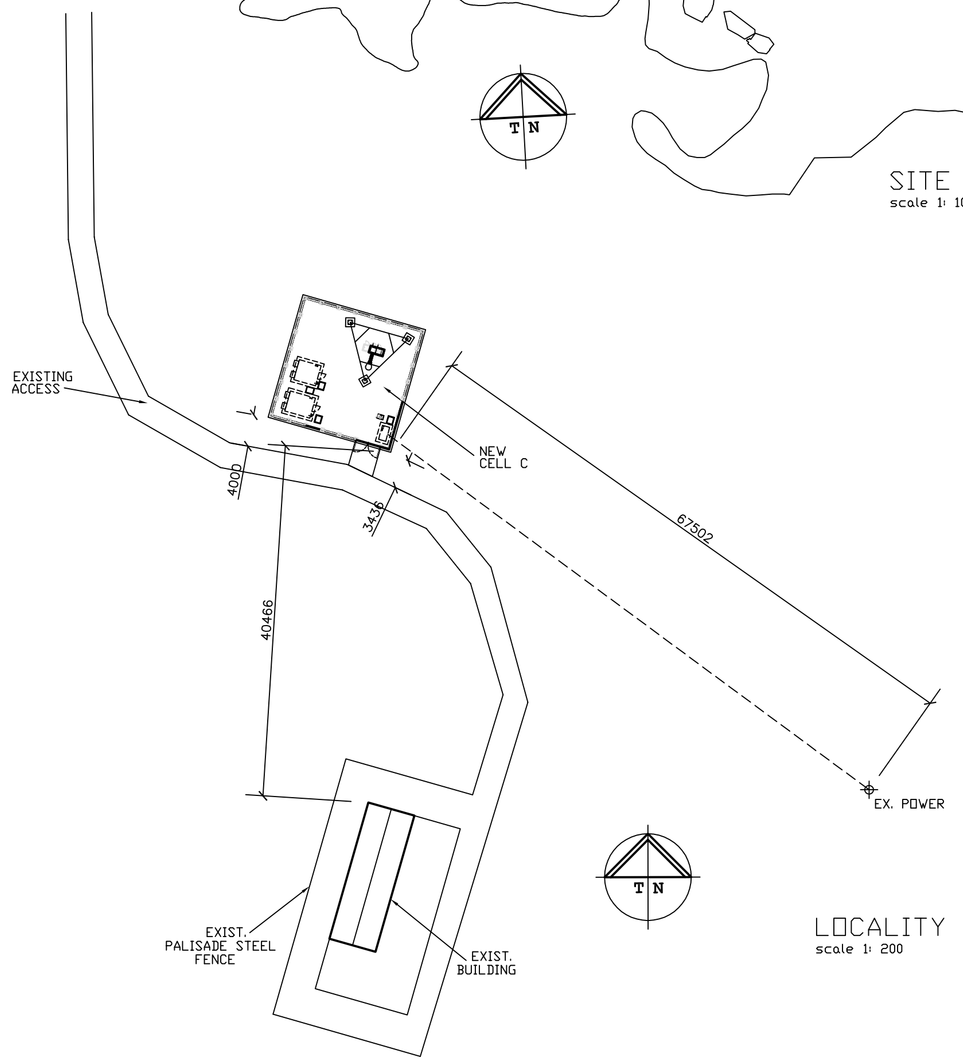
O. proposed 3x2.4m SHARE OPERATOR 2 container



SITE LAYOUT
scale 1: 100



SITE PLAN
scale 1: 100 000



LOCALITY
scale 1: 200

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GENERAL NOTES

1. ALL WORK TO BE IN ACCORDANCE WITH LOCAL BY–LAWS.
2. WORK TO FIGURED DIMENSIONS ONLY – DO NOT SCALE DRAWINGS.
3. FINAL LEVELS, HEIGHTS OF PLINTHS, DEPTHS OF EXCAVATIONS AND NUMBER OF STEPS TO BE DETERMINED ON SITE BY CONTRACTOR.
4. ANY DISCREPANCIES TO BE REPORTED TO ARCHITECT IMMEDIATELY.
5. OVERALL DIMENSIONS TO TAKE PRECEDENCE.
6. MINIMUM FALL TO 100mm SOIL PIPES TO BE 1:60 WITH IE's TO ALL CHANGES OF DIRECTION AND GRADIENT – IE's TO BE ACCESSIBLE AT GROUND LEVEL.
7. WASTE PIPES TO BE ACCESSIBLE AND FITTED WITH RE–SEAL TRAPS.
8. FRENCH DRAINS AND SEPTIC TANKS TO BE AT LEAST 3000mm FROM BUILDINGS AND BOUNDARIES.
9. DRAINS UNDER BUILDINGS TO BE ENCASED IN CONCRETE.
10. ALL DETAILS AND SPECIFICATIONS TO BE SUBJECTED TO ENGINEERS / SPECIALISTS DETAILS AND SPECIFICATIONS.
11. A.S.V.P. OR VENT VALVE TO ANY FITTING OR APPLIANCE THAT HAS A VERTICAL DROP OF 1220mm OR MORE.
12. ALL SOIL PIPES 100ø AND WASTE PIPES 50ø
13. ALL VENT VALVES – 2 WAY 100ø

FOUNDATION NOTES

1. TOP OF FOUNDATION TO BE MIN 150mm BELOW NATURAL GROUND LEVEL.
2. 75mm SURFACE BEDS ON WELL COMPACTED FILL.
3. FLOOR LEVEL TO BE MIN 150 ABOVE GROUND LEVEL.
4. VERTICAL D.P.C.'s TO ALL CHANGES OF FLOOR LEVEL.
5. ALL NON–STANDARD FOUNDATIONS TO BE ACCORDING TO ENGINEER'S SPECIFICATIONS AND DETAILS.

ROOF NOTES

ROOF TO ENGINEER'S DETAIL.

GLAZING NOTES

PROVIDE LAMINATED SAFETY GLASS TO ALL GLAZED DOORS AND WINDOWS WITH WINDOW SILLS BELOW 500mm.

DRAINAGE NOTES

1. ALL DRAINAGE RUNS TO BE ACCESSIBLE ALONG THEIR ENTIRE LENGTH.
2. INSPECTION EYES TO BE PROVIDED AT ALL BENDS AND JUNCTIONS OF ALL SOIL AND WASTE PIPES.
3. ALL WASTE PIPES TO BE 110ø PVC.
4. ALL SOIL PIPES TO BE 110ø PVC.
5. ALL SOIL PIPES BELOW BUILDING TO BE 110ø UPVC ENCASED IN CONCRETE
6. STORMWATER SOAK PIT VOLUMN TO BE 1m3 FOR EVERY 40m2 OF ROOF AREA.

OWNER:	AUTHOR:

REV	DATE	DESCRIPTION	BY:

BSO International
19A OLD MAIN ROAD, GILLITTS
P.O. BOX 1314 KLOOF 3640
TEL. (031) 764 1622
FAX. (031) 764 1684
E–mail: bso@bso–int.com

PROJECT TITLE
PROPOSED CELLULAR TELECOMMUNICATIONS INFRASTRUCTURE FOR CELL C (PTY) LTD on PORTION 17 FARM NO. 15840 RESERVE NO. 20

DRAWING TITLE
ULUNDI

CELL C THE POWER IS IN YOUR HANDS
ZTE中兴

START DATE	PLOTTED	DRAWN BY
18/10/2011	02/02/2012	SF
SCALE		REVISION / LAST UPDATE
1: 100; 1:200; 1:100000		27/01/2012 / 05/12/2011

PROJECT & DRAWING No
108520 / PDA / 01