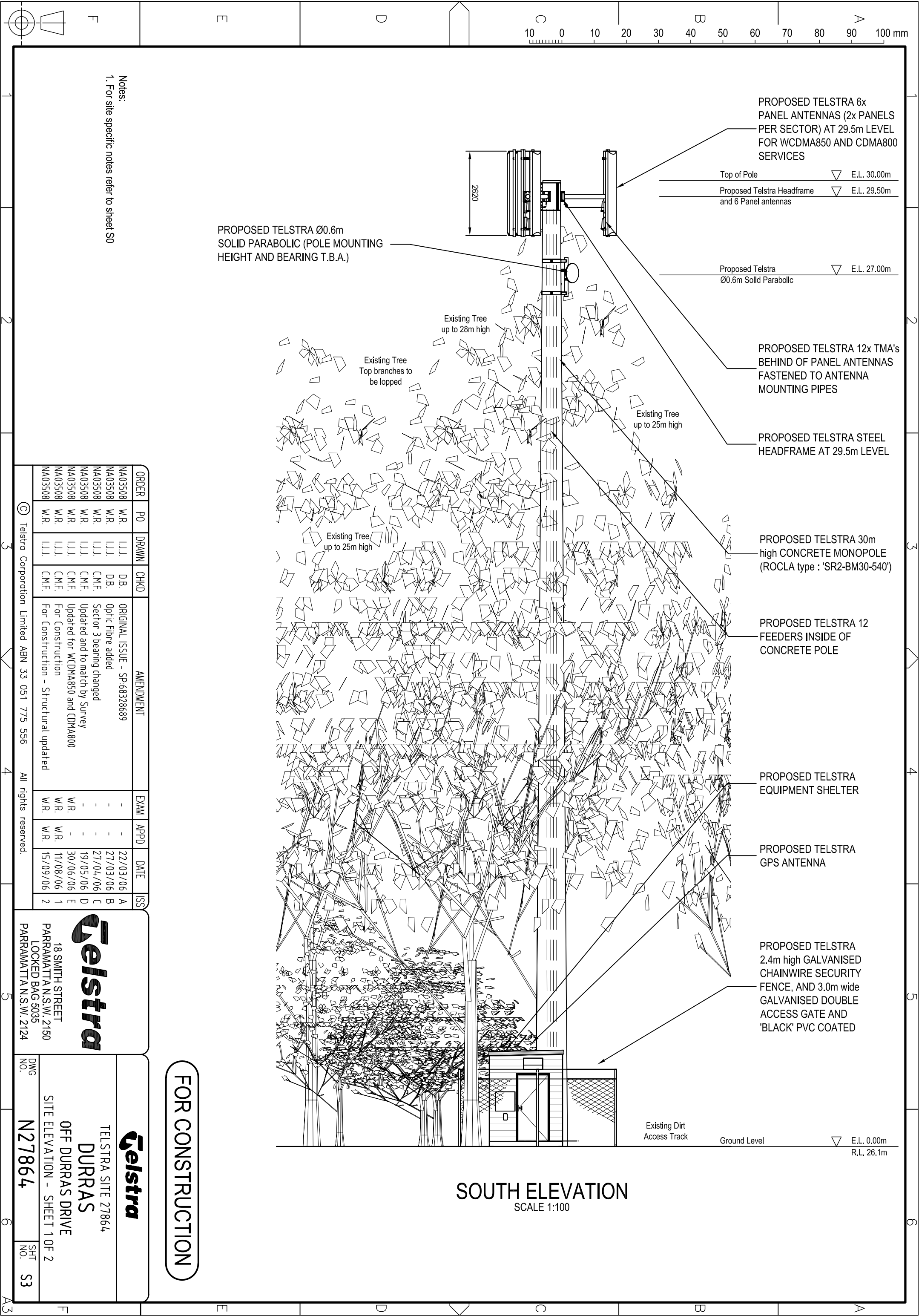
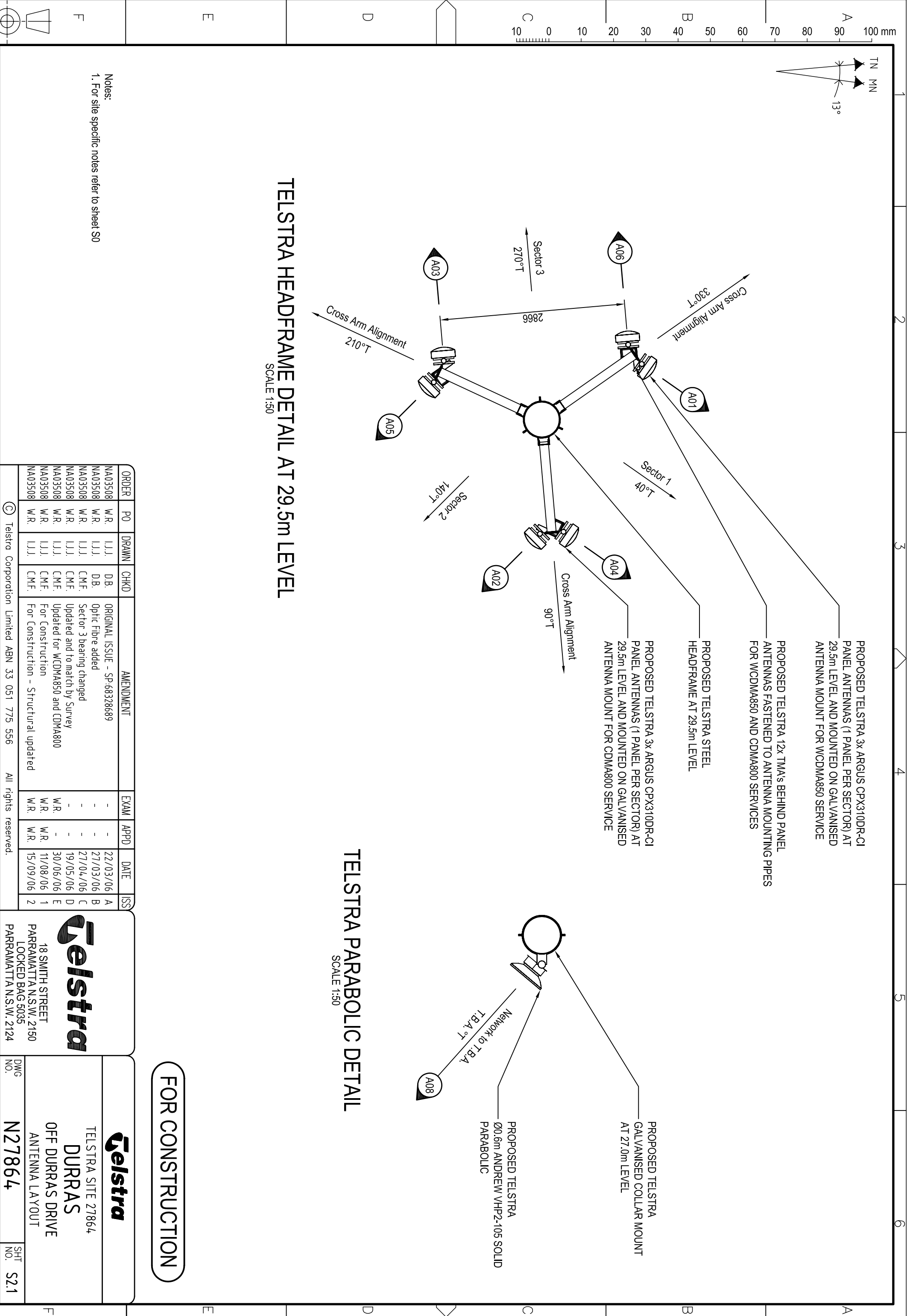






TELSTRA HEADFRAME DETAIL AT 29.5m LEVEL
SCALE 1:50

TELSTRA PARABOLIC DETAIL
SCALE 1:50

Notes:
1. For site specific notes refer to sheet S0

ORDER	PO	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
NA03508	W.R.	I.J.J.	C.H.K.D	ORIGINAL ISSUE - SP:68328689	-	-	22/03/06	A
NA03508	W.R.	I.J.J.	D.B.	Optic Fibre added	-	-	27/03/06	B
NA03508	W.R.	I.J.J.	C.M.F.	Sector 3 bearing changed	-	-	27/04/06	C
NA03508	W.R.	I.J.J.	C.M.F.	Updated and to match by Survey	-	-	19/05/06	D
NA03508	W.R.	I.J.J.	C.M.F.	Updated for WCDMA850 and CDMA800	W.R.	-	30/06/06	E
NA03508	W.R.	I.J.J.	C.M.F.	For Construction	W.R.	W.R.	11/08/06	1
NA03508	W.R.	I.J.J.	C.M.F.	For Construction - Structural updated	W.R.	W.R.	15/09/06	2

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18 SMITH STREET
PARRAMATTA N.S.W. 2150
LOCKED BAG 5035
PARRAMATTA N.S.W. 2124

TELSTRA SITE 27864
DURRAS
OFF DURRAS DRIVE
ANTENNA LAYOUT

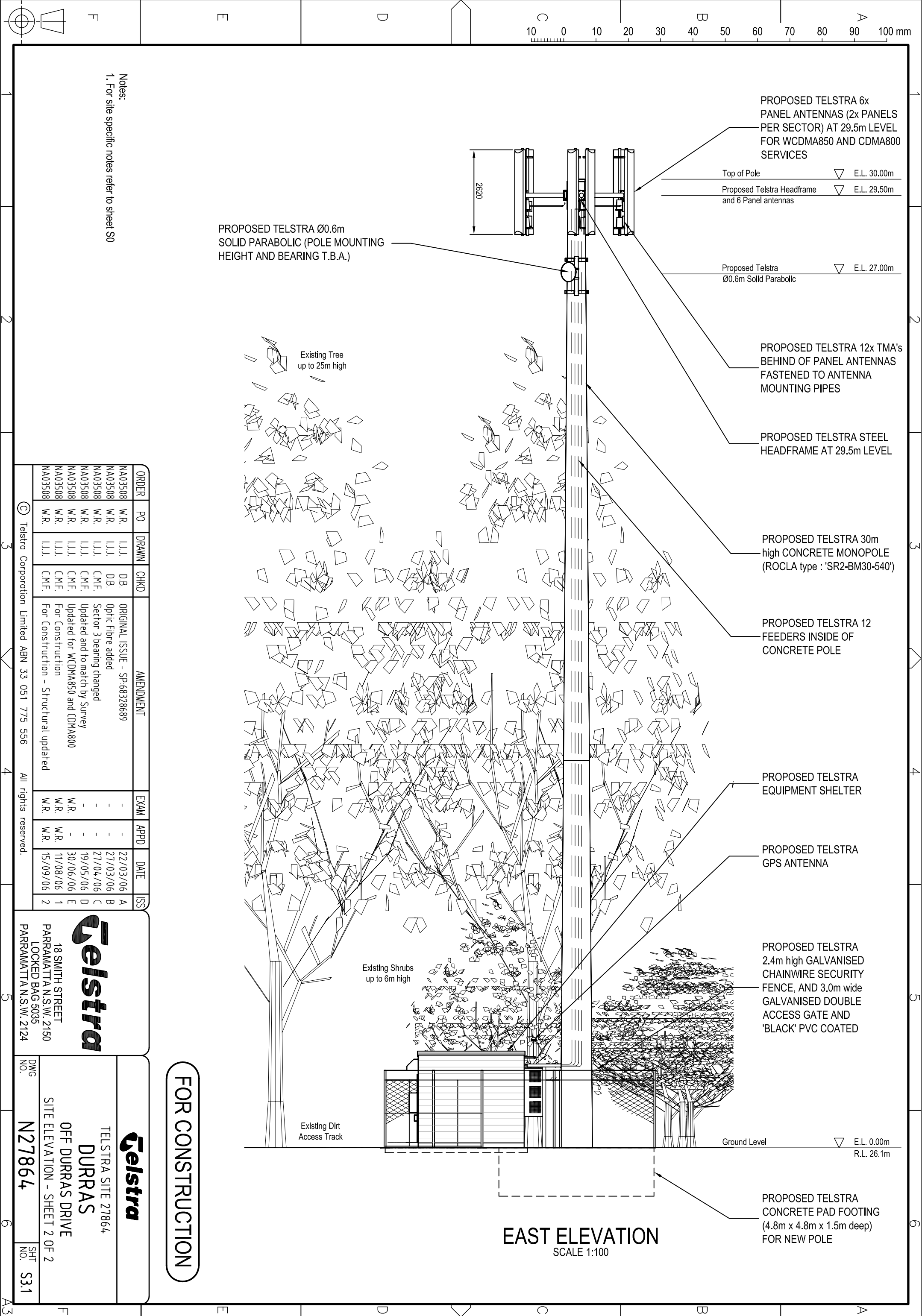
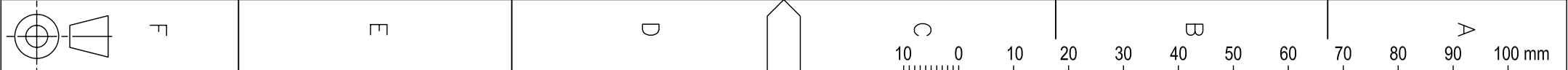
DWG NO.

N27864

SHT NO.

S2.1

FOR CONSTRUCTION



Notes:
1. For site specific notes refer to sheet S0

ORDER	PO	DRAWN	CHKD	AMENDMENT	EXAM	APPD	DATE	ISS
NA03508	W.R.	I.J.J.	D.B.	ORIGINAL ISSUE - SP:68328689	-	-	22/03/06	A
NA03508	W.R.	I.J.J.	D.B.	Optic Fibre added	-	-	27/03/06	B
NA03508	W.R.	I.J.J.	C.M.F.	Sector 3 bearing changed	-	-	27/04/06	C
NA03508	W.R.	I.J.J.	C.M.F.	Updated and to match by Survey	-	-	19/05/06	D
NA03508	W.R.	I.J.J.	C.M.F.	Updated for WCDMA850 and CDMA800	W.R.	-	30/06/06	E
NA03508	W.R.	I.J.J.	C.M.F.	For Construction	W.R.	W.R.	11/08/06	1
NA03508	W.R.	I.J.J.	C.M.F.	For Construction - Structural updated	W.R.	W.R.	15/09/06	2

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18 SMITH STREET
PARRAMATTA N.S.W. 2150
LOCKED BAG 5035
PARRAMATTA N.S.W. 2124



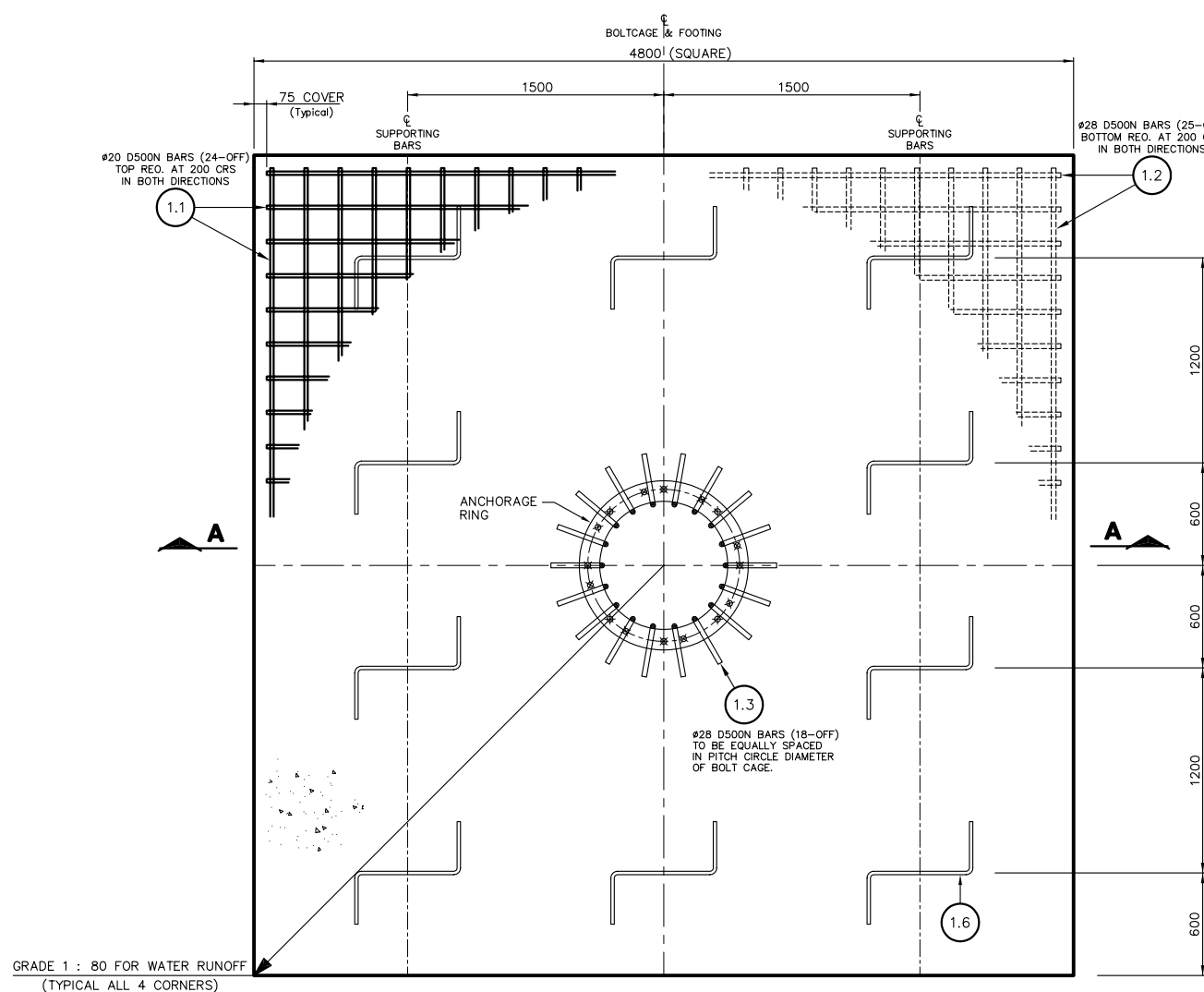
TELSTRA SITE 27864
DURRAS
OFF DURRAS DRIVE
SITE ELEVATION - SHEET 2 OF 2

DWG NO. **N27864**

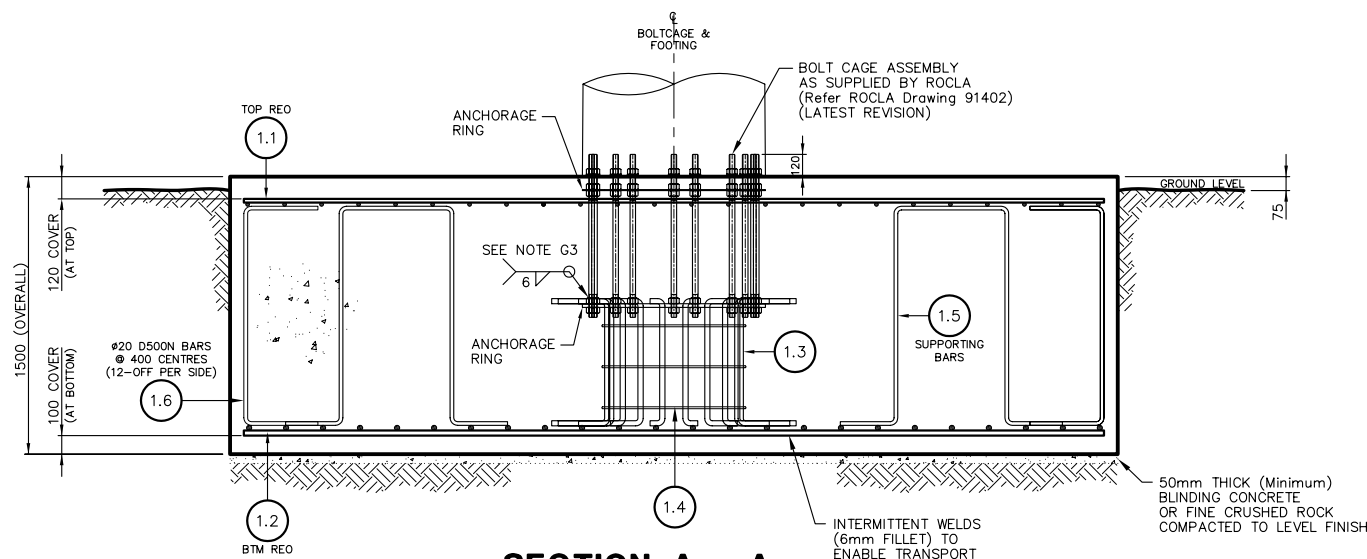
SHT NO. **S3.1**

FOR CONSTRUCTION

R.L. 30.00m
(Nominal Top of Pole)



FOOTING PLAN



SECTION A - A
TOTAL CONCRETE VOLUME = 34.6m³
(POLE FOOTING ONLY)

ELEVATION

R.L. 00.00m
(Base of Pole)

STEELWORK PARTS LIST

SHAPE	PART Number	Dim A	Dim B	Dim C	MATERIAL	OVERALL CUTTING LENGTH	Number Off	TOTAL MASS(kg)
REINFORCEMENT SCHEDULE								
							Σ TOTAL (kg)	2089

NOTES

- GENERAL**
- G1. COAT ABOVE GROUND CONCRETE EMBEDDED STEELWORK WITH DULUX (DUREBILD STE/GF) OR SIMILAR 75mm ABOVE AND BELOW LEVEL OF CONCRETE.
- G2. ALLOW FOR A FALL 1:80 ALL ROUND FOR WATER RUNOFF.
- G3. 6mm FILLET WELD TO BE USED IN WELDING REINFORCEMENT BARS TO BOLT CAGE FLANGE AND TO BOLT.
- G4. ANY DEVIATION FROM 'REPORTED SOIL CONDITIONS' WILL NECESSITATE A REVISED FOUNDATION DESIGN FROM STRUCTEL P/L.
- G5. TOP FLANGE OF BOLT CAGE TO HAVE 100mm CLEAR COVER.
- G6. PULL DOWN SUPPORTS ARE OPTIONAL. (TO BE REMOVED AFTER POLE INSTALLATION)
- G7. AFTER POLE INSTALLATION, POLE BASE SHALL BE GROUTED UNDERNEATH WITH (MASTERFLOW 880 OR SIMILAR) NON-SHRINK GROUT MIN. F_c = 32 MPa.
- G8. CONTACT STRUCTEL PTY LTD AND REFER REPORT P 26/7635/T1309/1 FOR FURTHER INFORMATION IF REQUIRED.
- CONCRETE**
- C1. ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH AS3600 (2001).
- C2. CONCRETE STRENGTH F_c = 32 MPa AT 28 DAYS.
- C3. MINIMUM CONCRETE COVER TO REINFORCEMENT TO BE 100mm UNLESS NOTED OTHERWISE.
- REINFORCEMENT**
- R1. N DENOTES DEFORMED BARS GRADE D500N TO AS4671 (2001).
- R2. R DENOTES PLAIN BARS GRADE 250 TO AS3679.1 (1996).
- R3. REINFORCEMENT DIMENSIONS TAKEN FROM CENTRELINE.
- R4. REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY IN TRUE PROJECTION.
- R5. ALL REINFORCEMENT TO BE HOT DIP GALVANISED TO AS 4680.
- STEEL**
- S1. ALL STEEL TO BE HOT DIP GALVANISED TO AS4680 (2006). BOLTS GALVANISED TO AS1214 (1983).
- S2. ALL WELDING TO BE CATEGORY SP TO AS1554 (2004). ALL WELDS TO BE 5mm CFW, U.N.O.
- S3. ALL HOLLOW SECTIONS TO AS1163 (1991)
- S4. ALL HOT ROLLED STEEL TO AS3678 (1996) & AS3679 (1996) - GRADE 300
- S5. ALL SPRING WASHERS TO AS1968 (1976).
- S6. HIGH STRENGTH BOLTS TO AS1252 (1996) - GRADE 8.8/S.
- S7. APPLY TWO COATS OF ZINC RICH PAINT TO ALL FRESHLY CUT, WELDED OR DRILLED STEEL ON SITE, REMOVE ALL SWarf, BURRS & SHARP EDGES.
- REPORTED SOIL CONDITIONS**
- S1. GEOTECHNICAL REPORT BY SMEC TESTING SERVICES PTY LTD. (Report No. 06/0865, Dated 28/8/2006)
- S2. SOIL TYPE - SUB SOIL CONSISTS OF FIRM TO STIFF GRAVELLY CLAY BECOMING VERY STIFF AT A DEPTH OF 0.5m, OVERLYING WEATHERED PHYLLITE AT 1.0m IN DEPTH.
- S3. ALLOWABLE VERTICAL BEARING CAPACITY AT 1.5m = 700kPa.
- EXCAVATION**
- E1. UNDER NO CIRCUMSTANCES SHALL PERSONNEL ENTER THE OPEN EXCAVATION IF DEPTH GREATER THAN 1500mm UNLESS SHORING IS INSTALLED.
- E2. EXCAVATION SPOIL SHALL BE PLACED A MINIMUM OF 2000mm FROM EDGE OF EXCAVATION.
- E3. NO HEAVY VEHICLES (i.e. CONCRETE TRUCKS, etc.) SHALL COME WITHIN 2000mm FROM EDGE OF EXCAVATION.

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