

CONCRETE NOTES:

1. CONCRETE CLASS: REINFORCED CONCRETE AND SURFACE BEDS CLASS 35/19
2. ALL VISIBLE CONCRETE FACE FINISHES SHOULD BE SMOOTH OFF-SHUTTER AND ALL IMPERFECTIONS SHALL BE REPAIRED. FOR CONCEALED MEMBERS, DEFECTS SHALL BE REPAIRED BUT NO SPECIAL TREATMENT IS REQUIRED.
3. ALL EXPOSED CONCRETE EDGES TO HAVE A 25 X 25mm CHAMFER
4. ALL DIMENSIONS TO BE CONFIRMED ON SITE.
5. CONCRETE TO COMPLY WITH SANS 1200G AND ESKOM CONCRETE SPECIFICATION NO 84CIVL053.
6. CURING METHOD STATEMENT TO BE APPROVED BY THE ENGINEER

DESIGN NOTES:

1. CRAWL BEAM: MAX LOAD CAPACITY = 9.8kN
2. MAXIMUM SOIL BEARING CAPACITY (SLS) = 175kPa
3. FLOOR SLAB = 20kPa
4. PUMP PLINTH = 8kN

CONCRETE COATING:

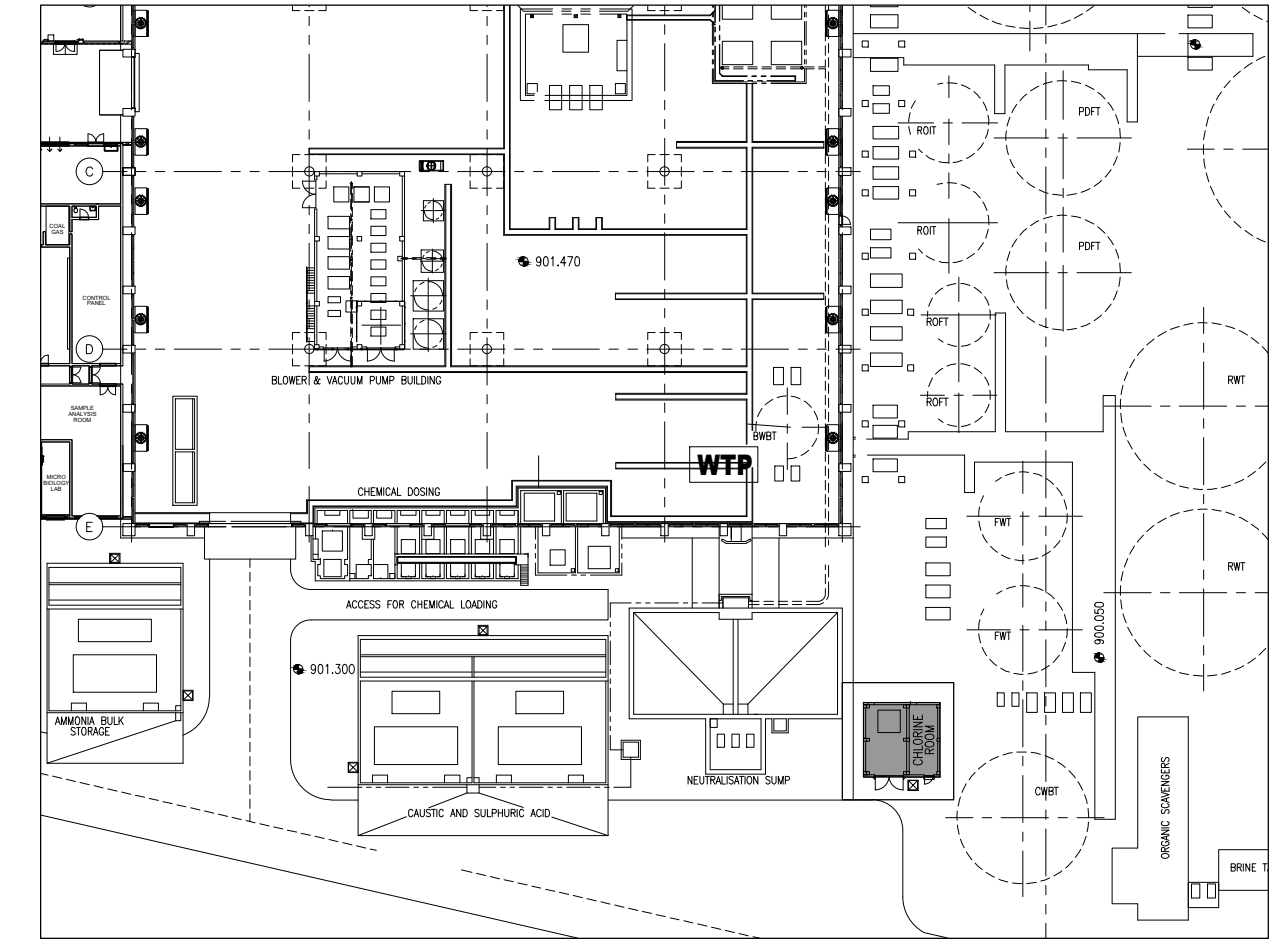
1. CONCRETE TO BE INSPECTED BY A REPRESENTATIVE OF THE COATING SUPPLIER AND REPAIRED IF REQUIRED, PRIOR TO APPLICATION OF COATING
2. REPRESENTATIVE OF THE COATING SUPPLIER TO BE PRESENT DURING APPLICATION OF COATING
3. FOR THE PURPOSE OF THIS COATING ALL PRODUCTS MUST BE BY THE SAME SUPPLIER ALL CONCRETE MIXES TO BE APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION
4. ALL CONCRETE SURFACES TO BE COATED WITH SIKAGARD 63N.
5. PIPES SHALL BE GROUTED INTO BOX-OUTS WITH NON-SHRINK GROUT AFTER BEADS OF SIKASWELL S-2 HAVE BEEN APPLIED ON THE PERIMETER OF THE PIPE AND THE ON THE PERIMETER OF THE CONCRETE ELEMENT AND 1 THE CENTRE THEREOF. THE BEAD SIZE SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF SIKAGARD DEPENDING ON THE THICKNESS OF THE CONCRETE ELEMENT.

GENERAL NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ARCHITECT'S DRAWINGS
2. ALL CONCRETE MIXES TO BE APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION
3. FOUNDATION EXCAVATIONS TO BE APPROVED BY THE ENGINEER PRIOR TO CASTING OF THE BLINDING LAYER

BRICK NOTES:

1. MASONRY UNITS TO COMPLY WITH THE FOLLOWING:
SANS 227: BURNED CLAY
SANS 285: CALCIUM SILICATE UNITS
SANS 1215: CONCRETE BLOCKS
2. MINIMUM COMPRESSIVE STRENGTH OF BRICKWORK TO BE 7MPa.
3. BRICKWORK, ANCHORS AND TIES TO COMPLY WITH THE LATEST SANS 10164 AND SANS 0400 SPECIFICATIONS.
4. MORTAR TO BE CLASS II AS PER SANS 10164 (1) TABLE 1.
5. BRICKWORK SHALL BE REINFORCED WITH APPROVED BRICKFORCE EVERY FOURTH LAYER.
6. ABOVE AND BELOW OPENINGS, WINDOWS, FOUNDATIONS AND SLABS, CONTINUOUS BRICK FORCE SHALL BE SUPPLIED EVERY COURSE FOR THE FIRST 4 COURSES.
7. ANCHORS, TIES AND HOOPS SHALL BE HOT DIPPED GALVANISED. ANCHORS, TIES AND HOOPS SHALL BE HOT DIPPED GALVANISED. TIES TO BE VERTICAL TWIST PLATE TIES IN ACCORDANCE WITH SANS 0164(4) - 3 TIES/m2.
8. REFER TO ARCHITECTS DRAWINGS FOR BRICKWORK LAYOUT.
9. WHERE BRICK WALLS ARE BUILT AGAINST CONCRETE COLUMNS, A 610mm LONG X 38mm WIDE X 1.6mm THICK HOOP IRON WALL TIE SHOULD BE PROVIDED ON THE INNER FACE OF THE FORMWORK. ONE TIE PER HALF BRICK THICKNESS FOR EVERY 4 COURSES OF BRICKWORK. THE ONE END OF THE TIE IS TO BE EMBEDDED 150mm DEEP INTO THE CONCRETE AND THE OTHER END IS TO BE BENT BACK AS NECESSARY AND BUILT INTO THE NEAREST BRICK JOINT.
10. FOR CAVITY WALLS, TIES SHALL BE SUPPLIED AS FOLLOWS:
10.1. CAVITY UP TO 100mm: 3 TIES /m2
10.2. CAVITIES > 100mm: 5 TIES /m2
10.3. AT OPENINGS AND DISCONTINUITIES PROVIDE ADDITIONAL TIES AT AT LEAST 300mm C/C



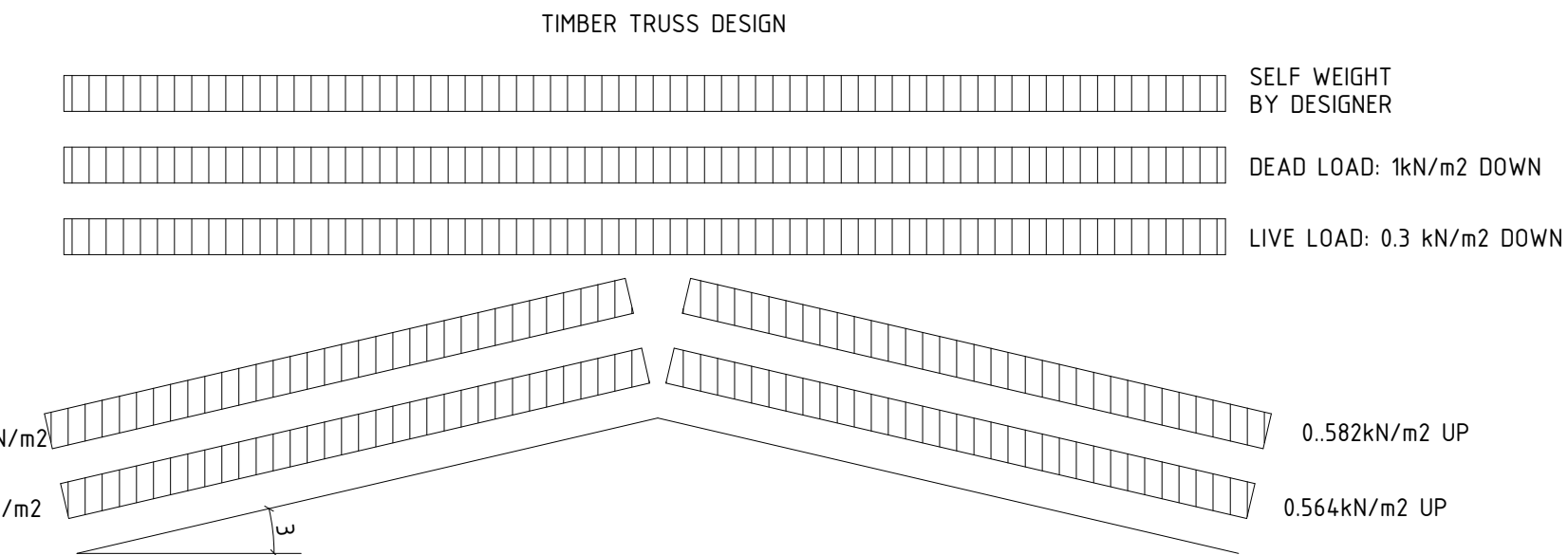
LOCALITY PLAN
NTS

AS BUILT

STATION DATUM = 902.25

Issued by Nyeleti Consulting
Mareliene Mostert
PrEng no: 2001 0150

D.O.	REV	DATE	INDEX REFERENCE	AUTHORISED FOR ESKOM BY	DATE	REFERENCE DRAWINGS
ORG REGISTER						
DESIGN APPROVED	13	05	10	MM	WG BEETGE	13-05-10
KKS APP						
DI AUTH	13	05	10	MM		
CHD BY	13	05	10	MM		
DRAWN BY	13	05	10	DM		
SCALE				AS SHOWN		
ESKOM						14133 - T - 300
0.84 / 13027						SHEET 1
						REV 7



NOTES:

1. ALL TIMBER USED FOR STRUCTURAL PURPOSES SHALL BE OF GRADE 8.8 AND SHALL COMPLY WITH THE REQUIREMENTS OF SABS 563 AND SABS 1245
2. STRUCTURAL TIMBER SHALL BE CAREFULLY SELECTED AND OF THE BEST QUALITY, FREE FROM LARGE, OR DEAD KNOTS
3. WANEY EDGES OR OTHER DEFECTS
4. PURLINS AND BRANDING SHALL COMPLY WITH THE REQUIREMENTS OF SABS 653
5. FINGER JOINTED STRUCTURAL JOINTED TIMBER SHALL COMPLY WITH THE REQUIREMENTS OF SABS 096 AND LAMINATED TIMBER WITH THE REQUIREMENTS OF SABS 096 AND LAMINATED TIMBER WITH THE REQUIREMENTS OF SABS 1089.
6. ALL STRUCTURAL TIMBER SHALL BE GIVEN A PRESERVATIVE TREATMENT SUITABLE FOR THE DUTY FOR WHICH THE TIMBER IS INTENDED IN ACCORDANCE WITH SABS 05, AND NO UNTREATED TIMBER SHALL BE USED.
7. THE PRESERVATIVE TREATMENT SHALL NOT IMPAIR THE FINAL FINISH
8. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY COVERINGS REQUIRED FOR THE PROTECTION OF ANY FINISHED WORK THAT MIGHT BE DAMAGED IF LEFT UNPROTECTED DURING THE PROGRESS OF WORK.
9. ALL CONNECTION PLATES, BOLTS, ETC TO BE HOT DIPPED GALVANIZED.
10. ALL DIMENSIONS TO BE CONFIRMED ON SITE

KKS CODE: 0 OUGC