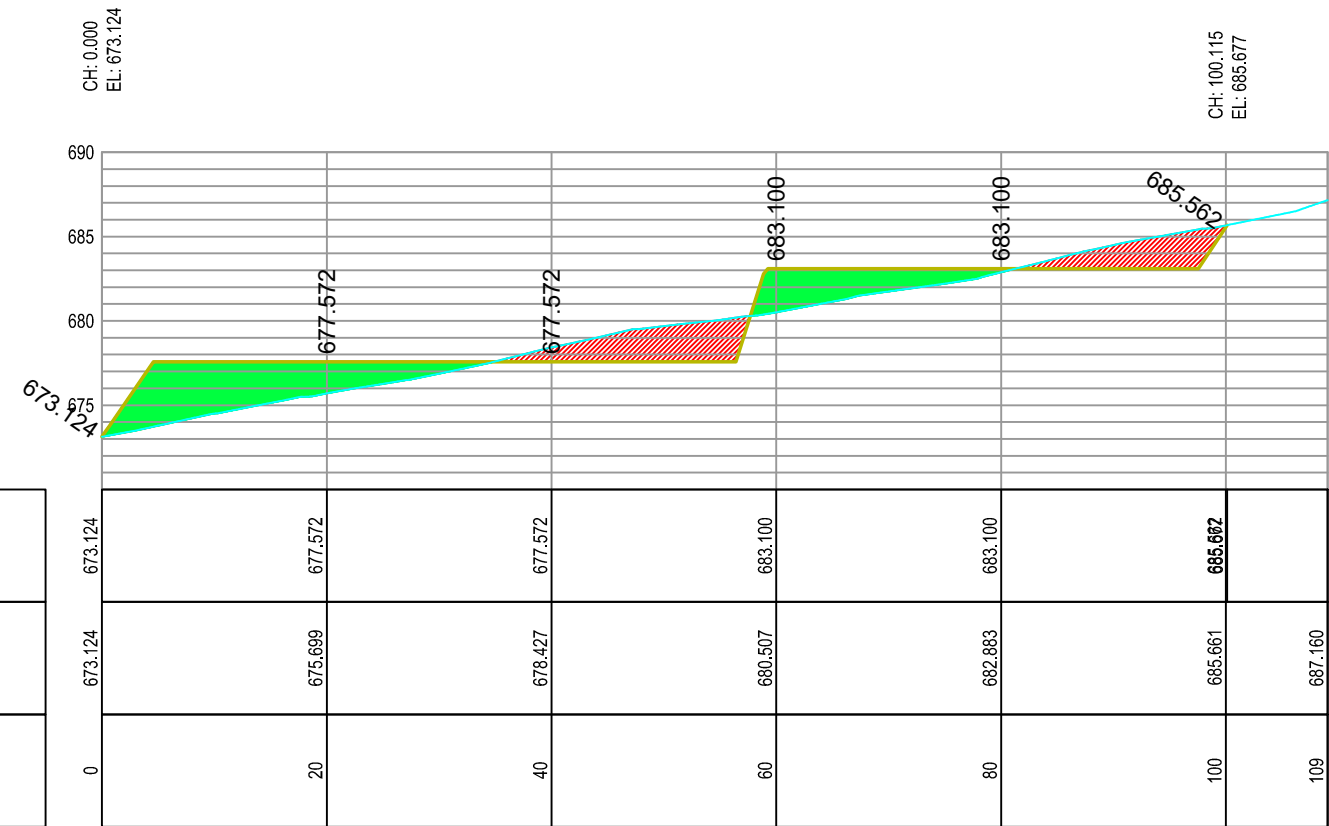




DRAWING STATUS:
DETAILED DESIGN

SCALES:
Horizontal 1:500
Vertical 1:333

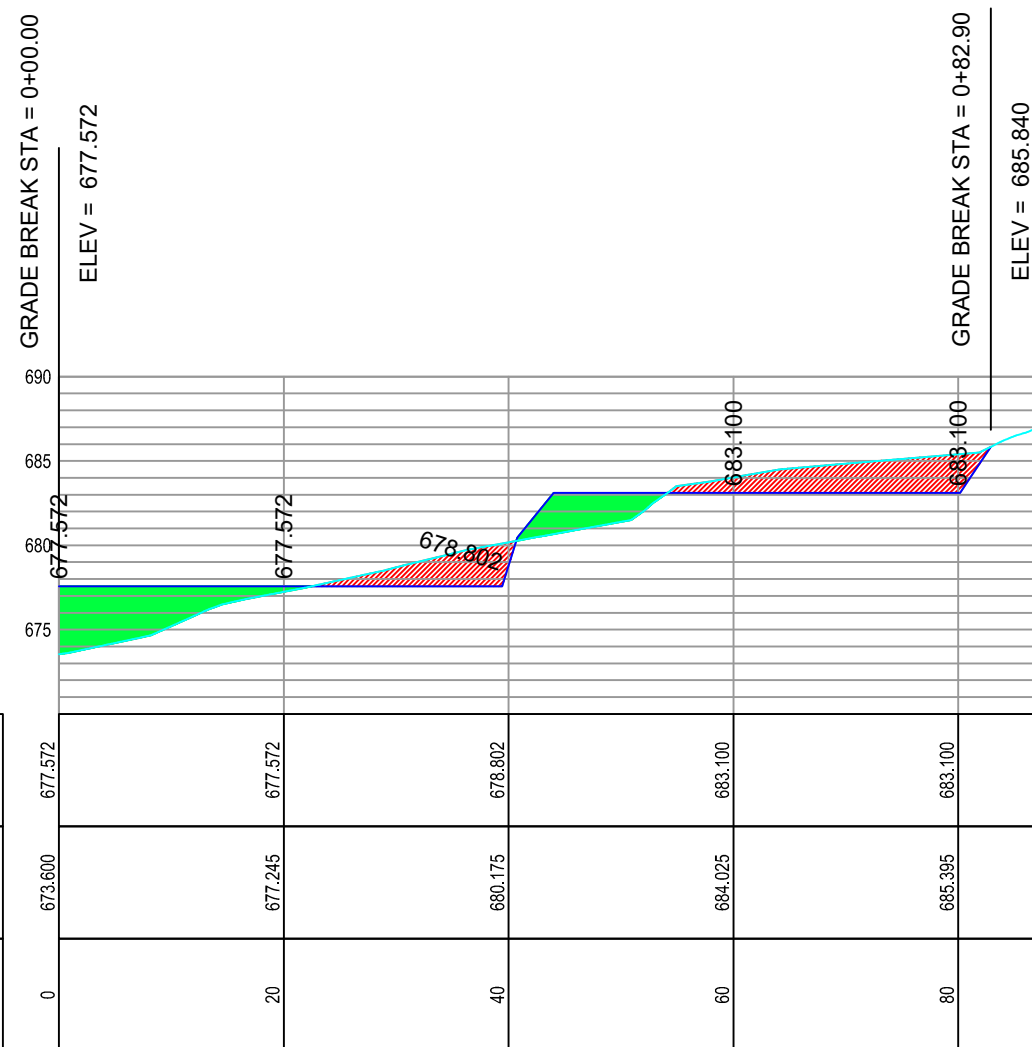
DATUM 670.000
CENTRE LINE (CL)
GROUND LEVELS ON CL
DISTANCE (m)



LONGSECTION ERF 146 PLATFORM ALIGNMENT 1
FROM 0.000 TO 109.045

SCALES:
Horizontal 1:500
Vertical 1:333

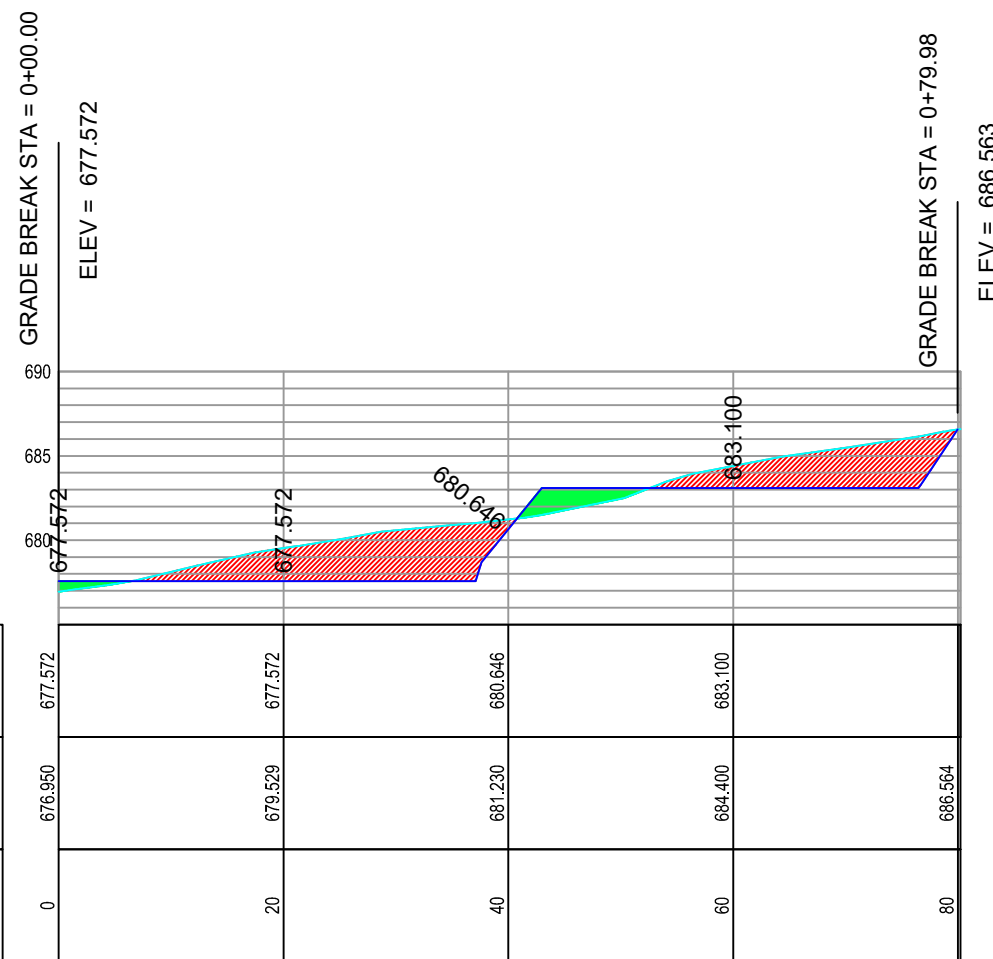
DATUM 670.000
CENTRE LINE (CL)
GROUND LEVELS ON CL
DISTANCE (m)



LONGSECTION ERF 146 PLATFORM ALIGNMENT 2
FROM 0.000 TO 86.652

SCALES:
Horizontal 1:500
Vertical 1:333

DATUM 675.000
CENTRE LINE (CL)
GROUND LEVELS ON CL
DISTANCE (m)



LONGSECTION ERF 146 PLATFORM ALIGNMENT 3
FROM 0.000 TO 80.220

Platform Table				
Line #	Length	Direction	X Coordinate	Y Coordinate
L33	37.091	N63° 24' 27.57"W	2636736.113	83928.595
L34	7.266	N38° 38' 49.05"W	2636752.722	83895.428
L35	14.089	N74° 10' 19.87"W	2636758.395	83890.890
L36	77.731	S10° 32' 46.46"W	2636762.239	83877.335
L37	35.670	S22° 39' 26.49"W	2636685.822	83863.108
L38	14.873	S22° 39' 26.49"W	2636652.905	83849.367
L39	36.274	S59° 50' 31.14"E	2636639.179	83843.638
L40	110.583	N25° 31' 53.24"E	2636620.955	83875.002
L41	16.407	N26° 21' 53.42"E	2636720.740	83922.664
L42	1.516	N63° 24' 27.57"W	2636735.440	83929.950

Platform Table				
Line #	Length	Direction	X Coordinate	Y Coordinate
L43	12.672	S32° 16' 23.12"W	2636613.022	83913.863
L44	3.040	S30° 35' 33.07"W	2636615.639	83915.410
L45	26.897	S29° 13' 12.38"W	2636639.113	83928.540
L46	25.167	S26° 17' 36.47"W	2636661.675	83939.688
L47	25.167	S26° 17' 36.47"W	2636684.239	83950.837
L48	3.040	S26° 26' 14.16"W	2636686.961	83952.190
L49	31.798	S25° 10' 26.49"W	2636715.739	83965.716
L50	4.085	S25° 10' 26.49"W	2636719.437	83967.454
L51	38.947	S67° 03' 18.16"E	2636734.620	83931.589
L52	6.755	N22° 52' 51.89"E	2636728.395	83928.962
L53	9.858	N24° 17' 00.53"E	2636719.410	83924.908
L54	1.928	N65° 42' 59.47"W	2636718.617	83926.665
L55	110.961	N24° 22' 53.00"E	2636617.552	83880.860
L56	0.738	N59° 50' 31.14"W	2636617.182	83881.498
L57	29.606	N59° 50' 31.14"W	2636602.303	83907.097

EARTHWORKS NOTES

- ALL EARTHWORKS TO BE CARRIED OUT IN ACCORDANCE WITH SABS 1200 D - 1988.
- SELECTED LAYER (ON REDUCED BULK EXCAVATION BED) IN ACCORDANCE WITH SABS 1200 DM.
- SMALL WORKS IN ACCORDANCE WITH SABS 1200 DB.
- PIPE TRENCHES IN ACCORDANCE WITH SABS 1200 DB.
- SITE CLEARANCE AND GRUBBING OPERATIONS SHALL BE CARRIED OUT IN ACCORDANCE WITH SABS 1200 C.
- THE CONTRACTOR TO IDENTIFY AND EXPOSE, WHERE RELEVANT, ALL UNDERGROUND SERVICES ON SITE. HE SHOULD LIASE WITH ALL RELEVANT AUTHORITIES FOR THE LOCATION AND PROTECTION OF THESE SERVICES.
- ALL UNSUITABLE MATERIALS i.e. ROOTS, CONCRETE PIPES, OLD FOUNDATIONS, ROCK, BUILDING RUBBLE EXCESSIVE EARTHWORKS AND TRENCH SOIL SHALL BE DISPOSED OF TO A SUITABLE DUMPING SITE.
- 150mm TOP SOIL TO BE STOCKPILED ON SITE FOR LATER USE UNLESS OTHERWISE SPECIFIED.
- ALL APPROVED MATERIAL TO BE STOCKPILED SEPARATELY, AND LATER BE REUSED AS PER ARCHITECTS/ENGINEERS INSTRUCTIONS.
- THE CONTRACTOR IS TO USE ONLY APPROVED FILL MATERIAL AS SPECIFIED BY THE ENGINEER.
- ALL FILL MATERIAL ON THE PLATFORMS TO BE COMPACTED TO 93% MOD AASHTO AND IN LAYERS NOT EXCEEDING 150mm THICK.
- ALL AREAS IN CUT SHALL BE RIPPED, SCARIFIED TO A DEPTH OF 150mm AND RECOMPACTED TO 93% MOD. A.A.S.H.T.O. AT 1% TO 2% BELOW OMC.
- THE CONTRACTOR SHALL TIMEOUSLY SUBMIT FIELD AND LABORATORY TEST RESULTS OF RELATIVE COMPACTION DENSITIES, CBR INDICATOR TESTS OR ANY OTHER TEST RESULTS AS REQUIRED
- FOR THE ENGINEER.
 - FIELD DENSITY TESTS SHOULD BE CARRIED OUT AT A RATE OF 1 TEST PER 150sqm. PER LAYER.
 - THE POSITION OF TESTS AND LAYERS TESTED TO BE INDICATED ON A KEYPLAN AND SUBMITTED WITH THE RESULTS TO THE ENGINEER.
 - TESTS TO BE DONE BY AN INDEPENDENT LABORATORY APPROVED BY THE ENGINEER.
 - POSITIONS OF TESTS TO BE APPROVED BY THE ENGINEER.
 - ONE OF THE DENSITY TESTS SHOULD BE A SAND REPLACEMENT TEST/10 TROXLER TESTS AND EVENLY SPREAD OVER ALL LAYERS.
- THE CONTRACTOR SHOULD MAKE PROVISION FOR STORMWATER CONTROL.
- MAXIMUM CUT SLOPES TO BE 1:0.5 AND FILL SLOPES TO BE 1:0.5 UNLESS OTHERWISE STATED.
- AS BUILT SURVEY LEVELS TO BE HANDED TO THE ENGINEER AFTER COMPLETION OF EARTHWORKS.

REV	DRAWINGS TITLE	CHK	APP	REV	DESCRIPTION	DATE	CHK	APP
	REFERENCE DRAWINGS				REVISIONS			

PROFESSIONAL SERVICE PROVIDER

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DESIGNED	NAME	PR. NUMBER	SIGNATURE	DATE
DRAWN	GEORGE T VALLINGA			29-04-2024
CHECKED	GEORGE T VALLINGA			
PROJ. ENGINEER	CLUTHERNT NGAWONGWE			
PROJ. MANAGER				
APPROVED				

CLIENT APPROVAL			
TITLE	INITIAL	SIGNATURE	DATE
GENERAL MANAGER			
PROJECT MANAGER			
PROJECT ENGINEER			

CLIENT

LIMPOPO
PROVINCIAL GOVERNMENT
HUMAN SETTLEMENTS & TRADITIONAL AFFAIRS

CoGHSTA
20 Rabe Street
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0699

Tel: 015 294 2203
Fax: 015 295 1931

PROJECT / DRAWING TITLE

**TALANA COMMUNITY
RESIDENTIAL UNITS**

SCALE:
NOT TO SCALE

CONTRACT No:
-

DRAWING No:
AES-COGHSTA-TCRU-C-103

SHT. No. OF
-

PROJECT No.
-

0

ERF 146 EARTHWORKS LAYOUT