

DRAWING STATUS:
DETAILED DESIGN

Notes and Specification

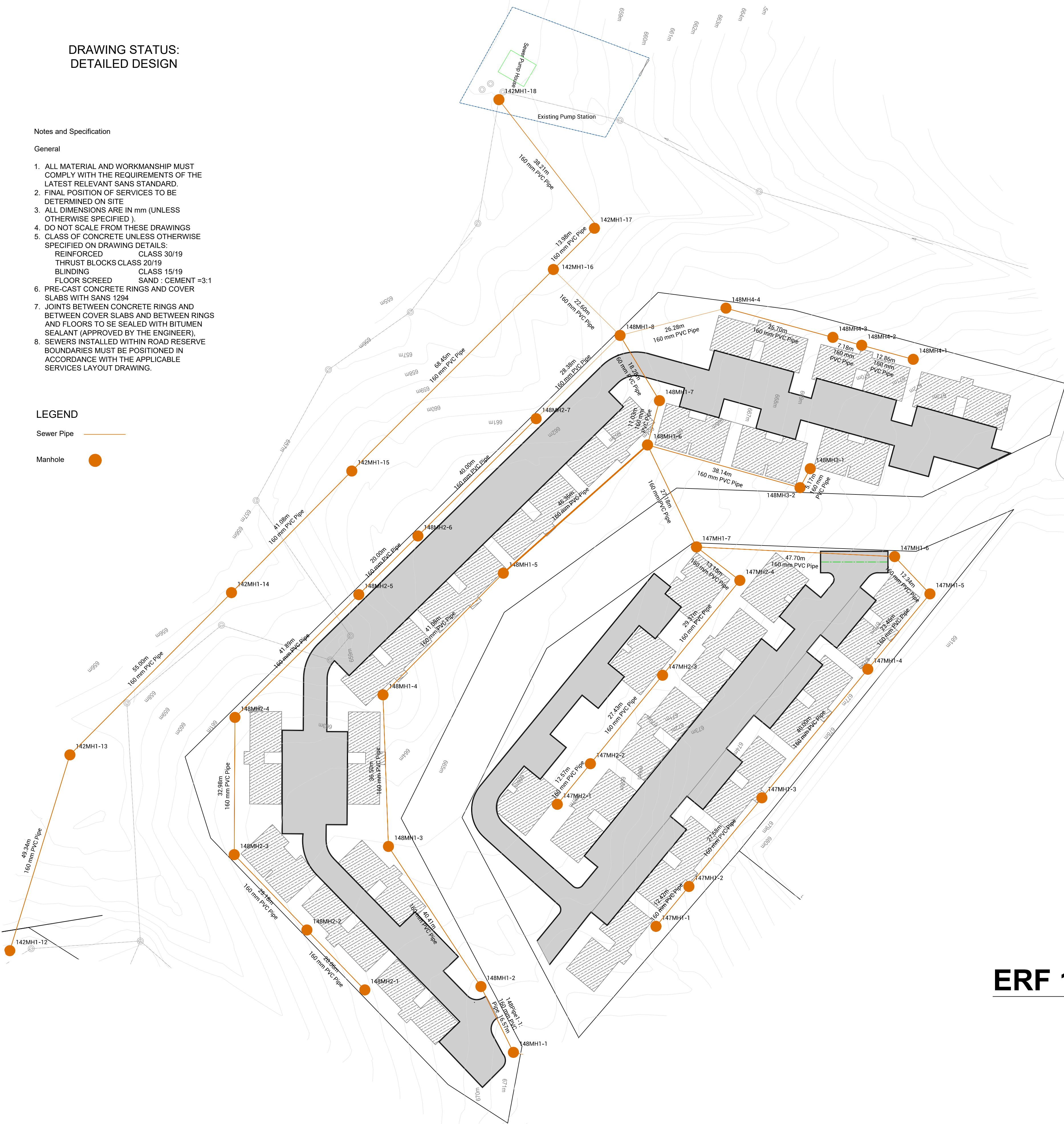
General

1. ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SANS STANDARD.
2. FINAL POSITION OF SERVICES TO BE DETERMINED ON SITE
3. ALL DIMENSIONS ARE IN mm (UNLESS OTHERWISE SPECIFIED)
4. DO NOT SCALE FROM THESE DRAWINGS
5. CLASS OF CONCRETE UNLESS OTHERWISE SPECIFIED ON DRAWING DETAILS:
REINFORCED CLASS 30/19
BLINDING CLASS 15/19
FLOOR SCREED SAND : CEMENT =3:1
6. PRE-CAST CONCRETE RINGS AND COVER SLABS WITH SANS 1294
7. JOINTS BETWEEN CONCRETE RINGS AND BETWEEN COVER SLABS AND BETWEEN RINGS AND FLOORS TO SE SEALED WITH BITUMEN SEALANT (APPROVED BY THE ENGINEER),
8. SEWERS INSTALLED WITHIN ROAD RESERVE BOUNDARIES MUST BE POSITIONED IN ACCORDANCE WITH THE APPLICABLE SERVICES LAYOUT DRAWING.

LEGEND

Sewer Pipe

Manhole



ERF147 & 148 MANHOLE TABLE 1			
Name:	X Coordinate	Y Coordinate	Invert Level
142MH1-13	83755.14	2636830.12	654.2
142MH1-14	83793.95	2636869.09	653.5
142MH1-15	83822.83	2636898.31	653.0
142MH1-16	83871.24	2636946.70	652.2
142MH1-17	83881.10	2636956.61	652.0
142MH1-18	83882.36	2636994.79	651.6
147MH1-1	83895.89	2636788.94	671.1
147MH1-2	83903.78	2636798.52	670.9
147MH1-3	83921.32	2636819.81	670.5
147MH1-4	83946.75	2636850.69	670.0
147MH1-5	83961.66	2636868.80	669.7
147MH1-6	83953.17	2636877.75	669.5
147MH1-7	83905.60	2636880.06	666.8
147MH2-1	83872.18	2636818.26	662.0
147MH2-2	83880.13	2636827.99	660.9
147MH2-3	83897.46	2636849.26	660.5
147MH2-4	83916.01	2636872.03	660.2
147MH2-7	83905.60	2636880.06	658.5
147MH2-8	83893.85	2636904.57	658.2
148MH1-1	83861.64	2636758.68	669.3

ERF147 & 148 MANHOLE TABLE 1			
Name:	X Coordinate	Y Coordinate	Invert Level
148MH1-2	83853.84	2636774.48	667.7
148MH1-3	83831.64	2636808.13	661.8
148MH1-4	83830.33	2636844.55	659.6
148MH1-5	83859.21	2636873.76	659.1
148MH1-6	83893.85	2636904.57	658.6
148MH1-7	83896.70	2636915.22	661.4
148MH1-8	83887.26	2636930.86	661.2
148MH2-1	83825.96	2636773.67	665.4
148MH2-2	83812.07	2636788.07	663.5
148MH2-3	83794.61	2636806.16	661.3
148MH2-4	83794.77	2636839.13	658.4
148MH2-5	83824.51	2636868.63	657.9
148MH2-6	83838.71	2636882.71	657.7
148MH2-7	83867.11	2636910.88	659.6
148MH3-1	83932.91	2636898.86	669.3
148MH3-2	83930.46	2636894.32	665.8
148MH4-1	83957.64	2636925.12	668.4
148MH4-2	83945.28	2636928.51	667.3
148MH4-3	83938.35	2636930.40	665.4
148MH4-4	83912.68	2636937.42	663.3

ERF 147 & 148

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

PROFESSIONAL SERVICE PROVIDER

AES consulting

P O Box 15439
Fauna Park,
0787
Tel: 015 291 3305
Fax: 086 218 8529
email: admin@aesconsulting.co.za

	NAME	PR. NUMBER	SIGNATURE	DATE
DESIGNED	GEORGE T KALENGA			20-05-2021
DRAWN	GEORGE T KALENGA			25-05-2021
CHECKED	CLUTHBERT NGAPONGWE			29-05-2021
PROJ. ENGINEER				
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
Polokwane
0699
Tel: 015 294 2203
Fax: 015 295 1931

PROJECT / DRAWING TITLE

TALANA COMMUNITY
RESIDENTIAL UNITS

ERF 147 & 148 SEWER LAYOUT

SCALE: NOT TO SCALE	SHT. No. OF -
CONTRACT No. -	PROJECT No. -
DRAWING No. AES-COGHSTA-TORU-C-403	