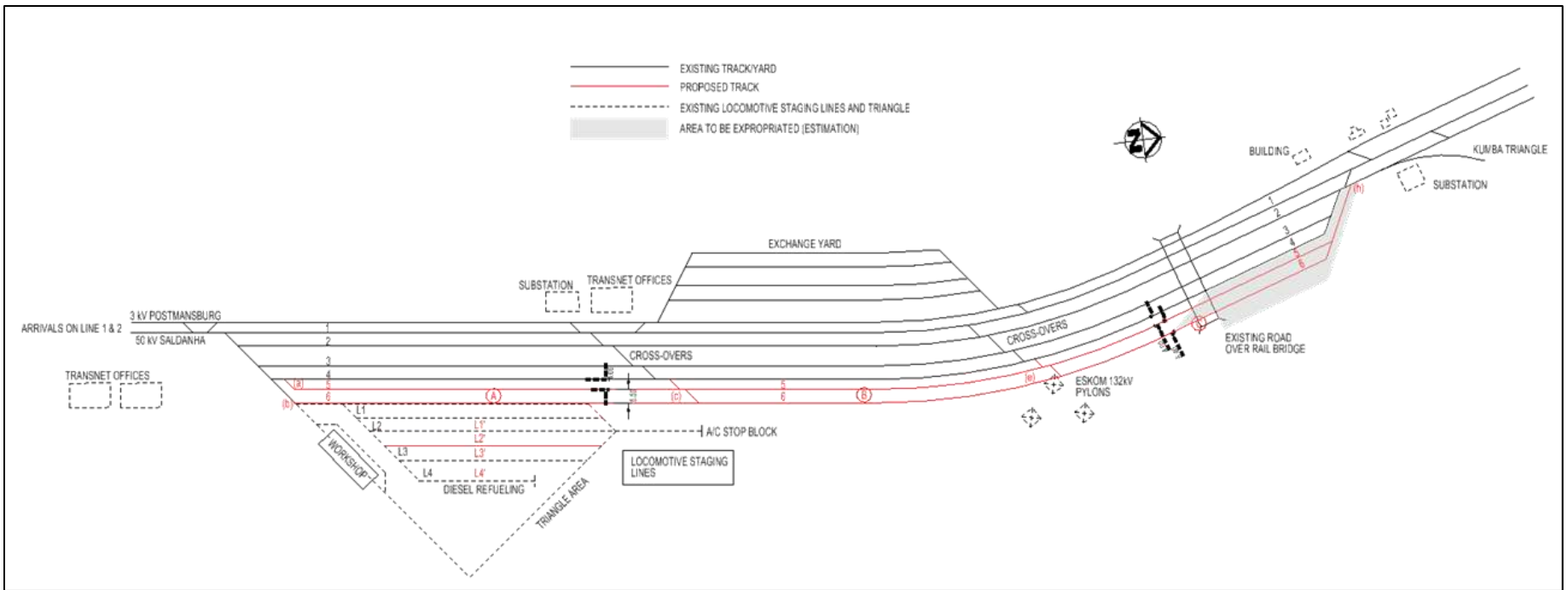
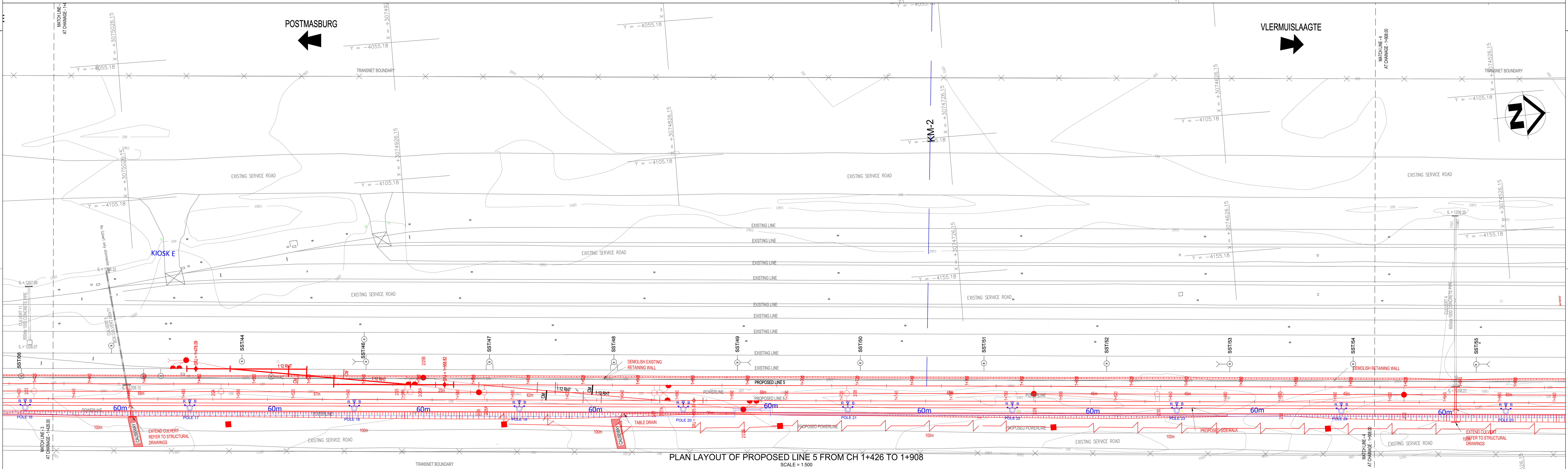
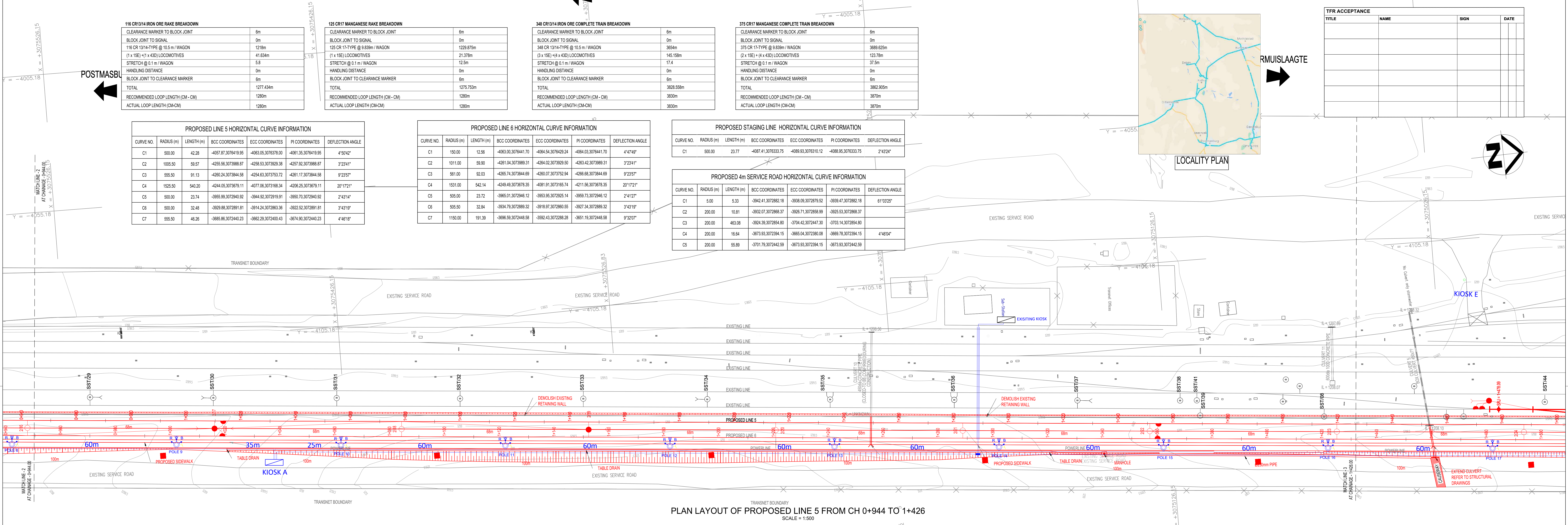






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- ALL LEVELS ARE IN METRES TO MEAN SEA LEVEL (MSL).
- DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS ON THE SITE AND NOTIFY THE ENGINEER OF ANY (SUGGESTED) VARIATIONS FROM DIMENSIONS OR LEVELS BEFORE CONSTRUCTION.
- ALL CO-ORDINATES ARE BASED ON THE SOUTH AFRICAN CO-ORDINATE SYSTEM WGS84 L2023

SPECIFICATIONS

- S - CLASS RAILWAY LINE
- 30 TONNAXLE LOADING
- DISTRIBUTED POWER TRAINS
- DESIGN SPEED 15 KM/H
- 50 KPH 1:9 AND 1:12 TANGENTIAL SETS
- 60E1 GRADE 350 LHT TYPE RAILS
- CWR JOINTS
- PY TYPE SLEEPERS AND FASTENERS
- AT 650mm SPACING
- 1600 m3/km BALLAST

REFERENCE DRAWINGS

DRAWING NO.	TITLE

KEY PLAN

SCALE = NTS

TRANSNET FREIGHT RAIL RAIL NETWORK & CAPITAL PROJECTS

CONTRACTOR / CONSULTANT				TRANSNET FREIGHT RAIL RAIL NETWORK & CAPITAL PROJECTS			
TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE
				DRAWN	MM		21 02 22
				CHECKED	KM		21 02 22
				DESIGNED	MM		21 02 22
				CHECKED	CN		21 02 22

OPERATING DIVISIONS

TITLE	NAME	SIGN	DATE

PR. ENG. / PR. TECH. / PR. ARCH

NAME	DATE

REG. NUMBER 2021101707

SCALE: AS SHOWN

TRANSNET Freight Rail, Rail Network & Capital Projects

TRANSNET

freight rail

MANGANESE ENABLING PROJECTS

SISHEN ERTS YARD

GENERAL ARRANGEMENT

FROM CH 0+944+00 TO 1+908.00

LAYOUT

PROJECT NUMBER 00

FBS 4

DIS 2

TYPE 3

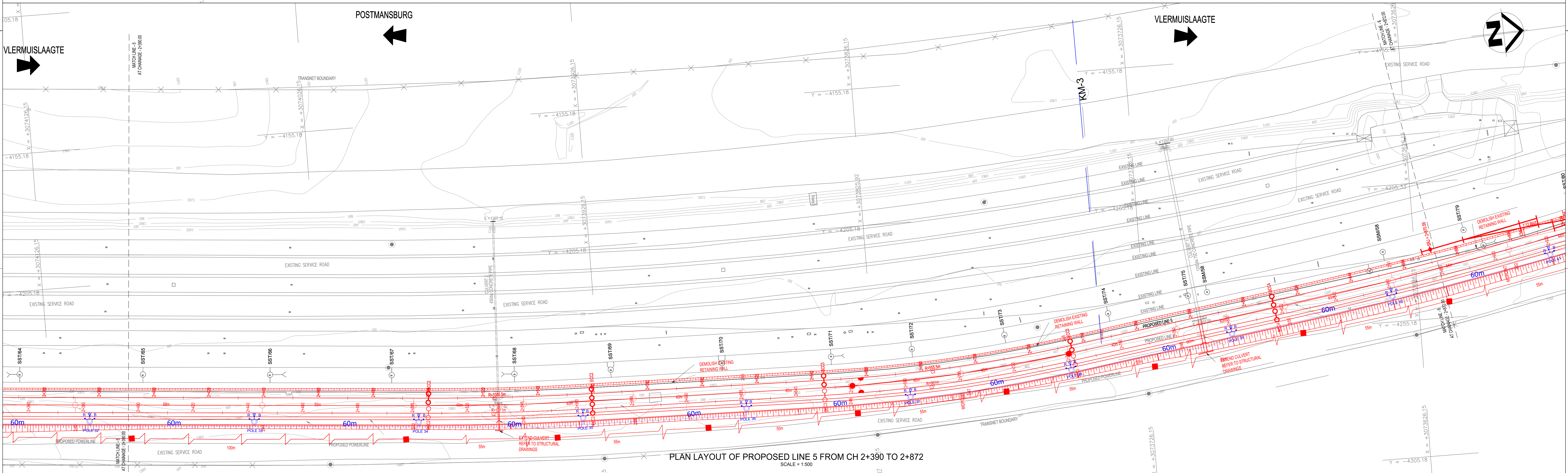
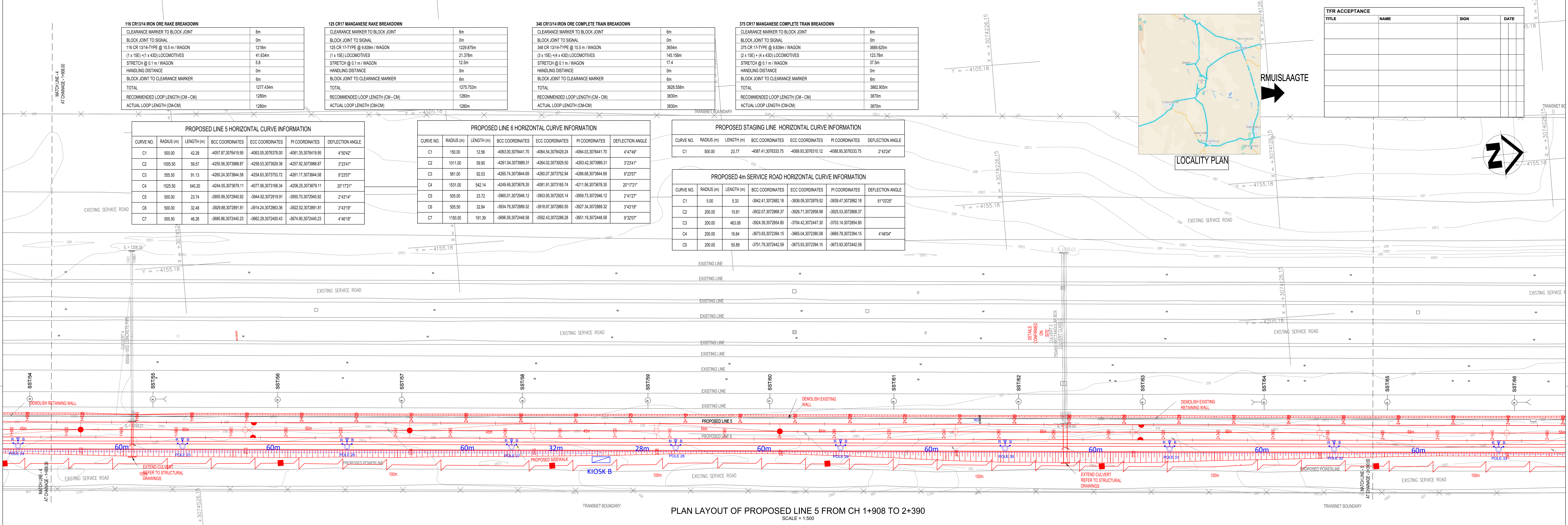
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SHEET 02

REV 01

ID 01

MM



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SPECIFICATIONS

- S - CLASS RAILWAY LINE
- 30 TONNAXLE LOADING
- DISTRIBUTED POWER TRAINS
- DESIGN SPEED 15 KM/H
- 50 km/h 1:9 AND 1:12 TANGENTIAL SETS
- 60E1 GRADE 350 LHT TYPE RAILS
- CWR JOINTS
- PY TYPE SLEEPERS AND FASTENERS
- AT 650mm SPACING
- 1600 m3/km BALLAST

KEY PLAN

SCALE = NTS

REFERENCE DRAWINGS

DRAWING NO.	TITLE

TRANSNET FREIGHT RAIL RAIL NETWORK & CAPITAL PROJECTS

CONTRACTOR / CONSULTANT				TRANSNET FREIGHT RAIL RAIL NETWORK & CAPITAL PROJECTS			
TITLE	NAME	SIGN	DATE	TITLE	NAME	SIGN	DATE
				DRAWN	MM		21 02 22
				CHECKED	KM		21 02 22
				DESIGNED	MM		21 02 22
				CHECKED	CN		21 02 22

OPERATING DIVISIONS

TITLE	NAME	SIGN	DATE

PR.ENG. / PR.TECH./PR. ARCH

NAME	DATE

REG. NUMBER 2021101707

SCALE: AS SHOWN

TRANSNET Freight Rail, Rail Network & Capital Projects

TRANSNET

MANGANESE ENABLING PROJECTS

SISHEN ERTS YARD

GENERAL ARRANGEMENT

FROM CH 1+908+00 TO 2+872.00

LAYOUT

PROJECT NUMBER 00

FBS 00

DIB 00

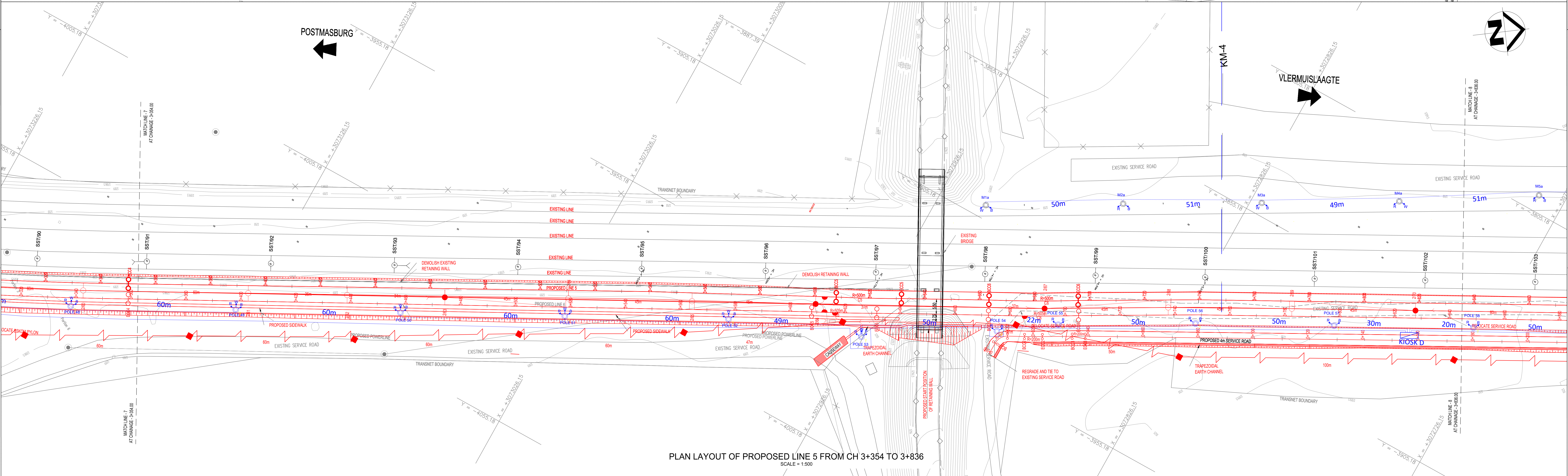
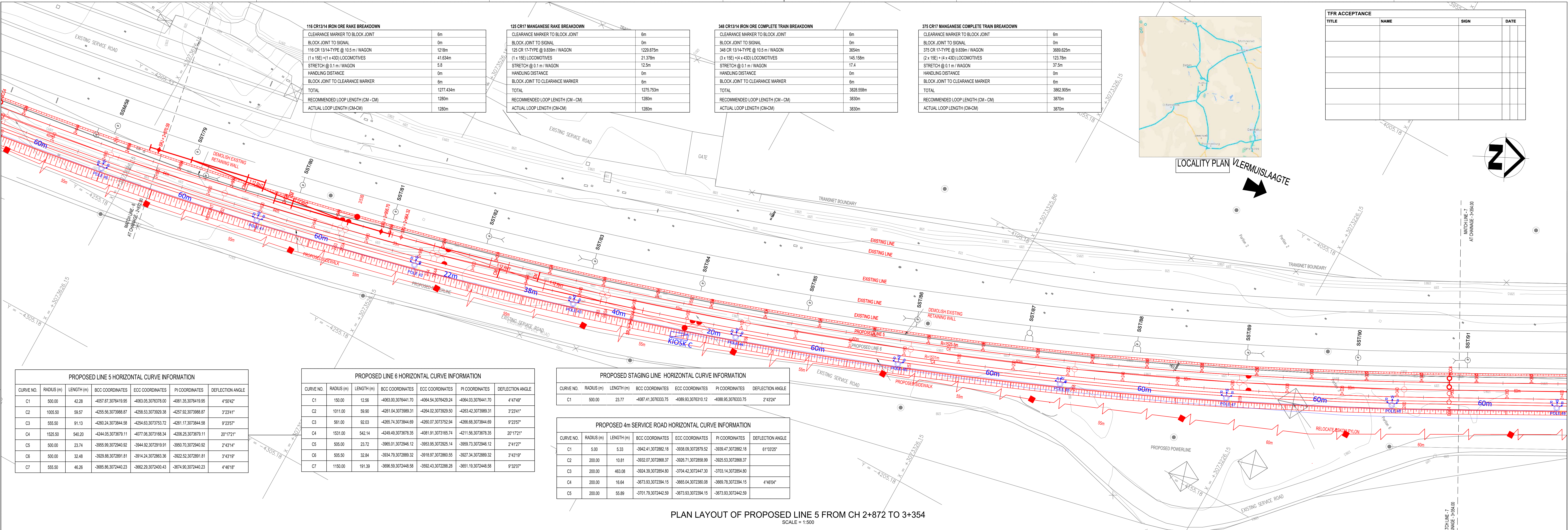
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SHEET 00

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ID 00



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SPECIFICATIONS

- S - CLASS RAILWAY LINE
- 2 - 30 TONNAGE LOADING
- DISTRIBUTED POWER TRAINS
- DESIGN SPEED 15 KM/H
- 50 kN/m² I-18 AND 1:12 TANGENTIAL SETS
- 60E1 GRADE 350 LHT TYPE RAILS
- CWR JOINTS
- PY TYPE SLEEPERS AND FASTENERS
- AT 650mm SPACING
- 1600 m³/km BALLAST

REFERENCE DRAWINGS

DRAWING NO.	TITLE

KEY PLAN
SCALE = NTS

CONTRACTOR / CONSULTANT

TITLE	NAME	SIGN	DATE

TRANSET FREIGHT RAIL NETWORK & CAPITAL PROJECTS

TITLE	NAME	SIGN	DATE
DRAWN	MM		21 02 22
CHECKED	KM		21 02 22
DESIGNED	MM		21 02 22
CHECKED	CN		21 02 22

OPERATING DIVISIONS

TITLE	NAME	SIGN	DATE

PR.ENG / PR.TECH./PR. ARCH

TITLE	NAME	SIGN	DATE

REG. NUMBER 2021101707

SCALE: AS SHOWN

PROJECT NUMBER 00 FBS DIS TYPE DRAWING NO. SHEET REV ID

A0 3 4 2 8 6 5 6 4 2 3 N.G.A. 0 0 0 1 0 4 A MM

Transnet Freight Rail, Rail Network & Capital Projects

MANGANESE ENABLING PROJECTS

SISHEN ERTS YARD

GENERAL ARRANGEMENT

FROM CH 2+872+00 TO 3+836.00

LAYOUT

