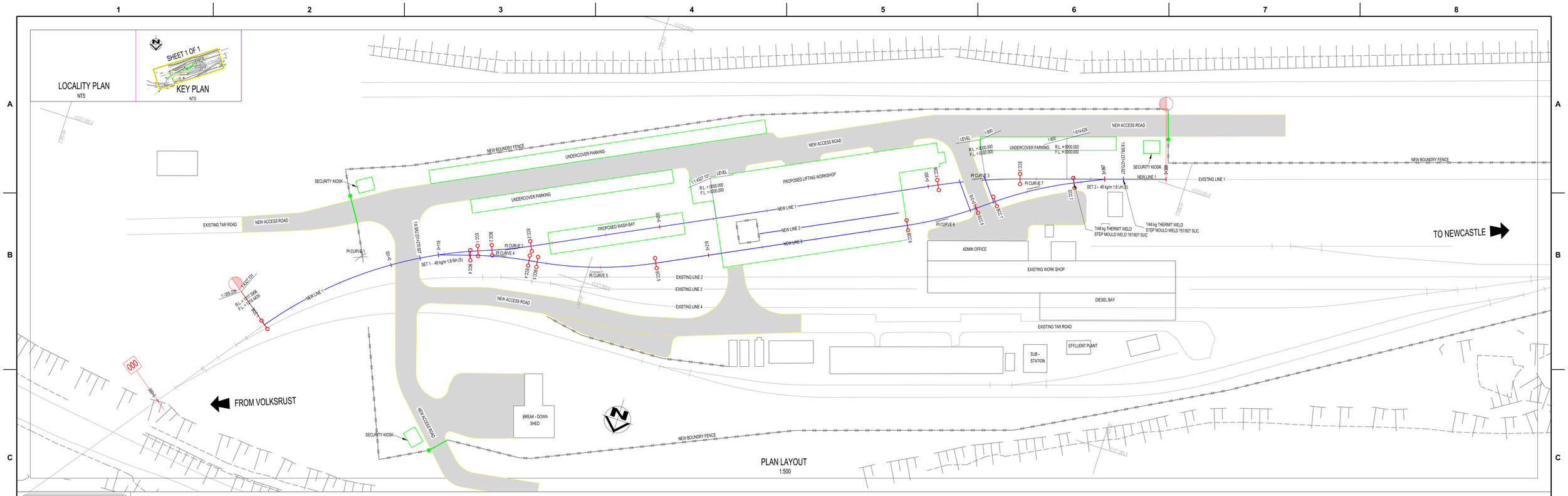
LOCALITY PLAN
NTS

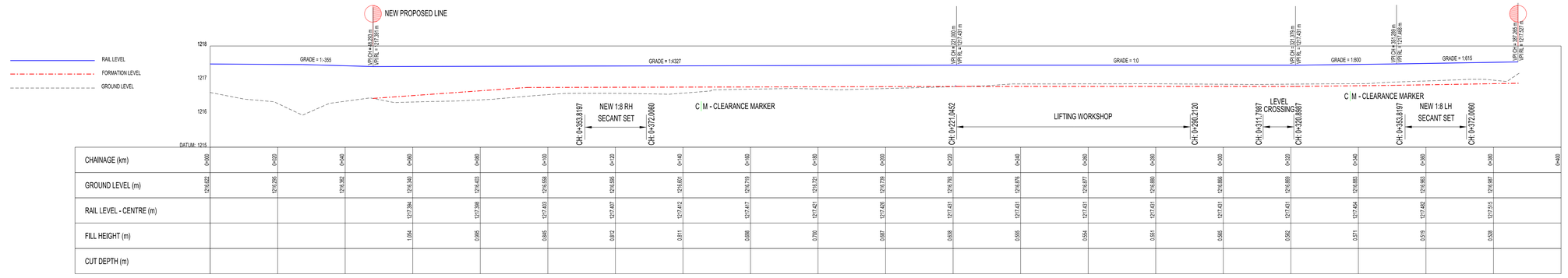
KEY PLAN
NTS



PLAN LAYOUT
1:500

PLAN LEGEND

PERWAY:
- NEW RAIL
- EXISTING RAIL
- TURNOUT
- CURVE / TRANSITION POSITION
- C|M CLEARANCE MARKER
- GRADE POST
- KILO POST
- LE XX ___ XXX BENCH MARK
- OHTE EXISTING MAST POLE
- EXISTING MAST POLE WITH STAY
- EXISTING TRANSNET BOUNDARY
- NEW TRANSNET BOUNDARY
- EXISTING TAR ROAD
- RAIL AND SETS TO BE REMOVED
- NEW U - DRAIN
- NEW SUBSOIL DRAIN
- NEW MAINTENANCE ROAD



CHAINAGE (km)	0+000	0+020	0+040	0+060	0+080	0+100	0+120	0+140	0+160	0+180	0+200	0+220	0+240	0+260	0+280	0+300	0+320	0+340	0+360	0+380	0+400
GROUND LEVEL (m)	1216.652	1216.295	1216.382	1216.340	1216.403	1216.558	1216.565	1216.601	1216.719	1216.721	1216.739	1216.793	1216.876	1216.977	1216.886	1216.866	1216.869	1216.883	1216.963	1216.987	
RAIL LEVEL - CENTRE (m)				1217.394	1217.398	1217.403	1217.407	1217.412	1217.417	1217.421	1217.426	1217.431	1217.431	1217.431	1217.431	1217.431	1217.431	1217.454	1217.482	1217.515	
FILL HEIGHT (m)				1.054	0.995	0.845	0.812	0.811	0.698	0.700	0.687	0.638	0.555	0.454	0.545	0.565	0.562	0.571	0.519	0.528	
CUT DEPTH (m)																					

LONGITUDINAL SECTION

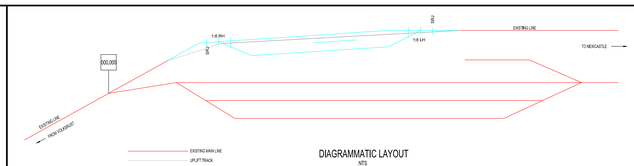
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:50

NOTES

1. DO NOT SCALE DRAWING - ONLY DIMENSIONS SHOWN TO BE USED.
2. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS AND LEVELS ON THE SITE AND NOTIFY THE NEC SUPERVISOR OF ANY VARIATIONS BEFORE CONSTRUCTION.

SPECIFICATIONS:

1. N2 - CLASS RAILWAY LINE
2. 20 t/axle LOADING
3. DISTRIBUTED POWER TRAINS
4. DESIGN SPEED ?? KM/H
5. 48 kg/m 1:8 SECANT SETS
6. 48 kg/m TYPE RAILS
7. CWR JOINTS
8. PY TYPE SLEEPERS AND FASTENERS AT ??? SPACING
9. ????m³/km BALLAST (MIN ???mm UNDER SLEEPER)



DIAGRAMMATIC LAYOUT
NTS

DRAWING NO.	REFERENCE

REFERENCE DRAWINGS

NO.	DESCRIPTION	BY	CHKD	APPD	DATE
1	ISSUED FOR INTERNAL REVIEW	HD	RN		29/05/2018

REVISIONS

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CONTRACTOR / CONSULTANT			
TITLE	NAME	SIGN	DATE
DRAWN	HD vd W		29/05/18
CHECKED	RN		
DESIGNED	HD vd W		29/05/18
CHECKED	RN		

OPERATING DIVISIONS			
TITLE	NAME	SIGN	DATE

TRANSNET CAPITAL PROJECTS			
TITLE	NAME	SIGN	DATE
DRAWN	HD vd W		29/05/18
CHECKED	RN		
DESIGNED	HD vd W		29/05/18
CHECKED	RN		
Pr. Eng. / Pr.Tech. Eng.			
NAME			DATE
SIGNATURE			
REG. NUMBER			
SCALE :	AS SHOWN		A0

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VOLKSRUST - NEWCASTLE

NEWCASTLE LOCOMOTIVE DEPOT LAYOUT AND LONG SECTION PROPOSED LINE 1 Ch 000+000 to Ch 000+338

PROJECT NUMBER	OO	FBS	DIS	TYPE	DRAWING NO.	SHEET	REV	ID
3526783	00	1	P	LA	0001	01	1	HD