

pw:\\stantec-ap-pw.bentley.com:stantec-ap-pw-01\Documents\New Zealand Clients\Northland Transportation Alliance (NTA)\3102

LEGEND	
NEW	
	KERB AND CHANNEL CONCRETE DISH CHANNEL
	CONCRETE SHARED PATH - 4% B.O.
	CONCRETE SHARED PATH-10% B.O.
	TIMBER BOARDWALK
	-
	RAISED PEDESTRIAN TABLE - TOP
	RAISED PEDESTRIAN TABLE - RAMP
	VEHICLE CROSSING
	LAND SCAPING
	PAVEMENT RECONSTRUCTION
۲	STANDARD LID STORMWATER MH
	STANDARD CATCH PIT
	STORMWATER PIPE/CULVERT
	FENCELINE
0	TIMBER PILE WHITE LINE MARKING
	YELLOW LINE MARKING
	SAFETY FENCE ROAD SIGN
•••••••••••••••••••••••••••••••••••••••	CUT BATTER EXTENTS
·	FILL BATTER EXTENTS
EXISTING	
	PROPERTY BOUNDARY
	TRANSFORMER
	CULVERT
۲	SANITARY SEWER MH
	STANDARD LID STORMWATER MH
	GRATED LID STORMWATER MH SERVICE COVER
4	ROAD SAFETY BARRIER SIGN
¶ ⊗	TELECOM JUNCTION
~	KERB AND CHANNEL
	FENCELINE
	ROAD CENTERLINE
	EDGE OF SEAL/METAL
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	BOTTOM OF EMBANKMENT TOP OF EMBANKMENT
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<u> 22222222222222</u>	CONCRETE FOOTPATH
	UNSEALED FOOTPATH
HOI	CATCHPIT POWER POLE
*	STREETLIGHT
	OVERHEAD POWER
	UNDERGROUND POWER
CHR	CHORUS CABLE
	FIBRE OPTIC CABLE
	STORMWATER PIPE
	SANITARY SEWERAGE PIPE
LPSLPS	LOW PRESSURE SEWER PIPE
	RELOCATED OR REPLACED
OO	FENCE LINE SIGN
	SERVICE COVER
\otimes	TELECOM JUNCTION
*-	STREETLIGHT
0	ROAD SAFETY BARRIER
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VERTICAL GEOMETRY		L=64.28		L=18. 0.59			0L=4.34L=1.00 6 0.7% 10.6%		L=23.890.5%	L=F 2 /	R=60.77, Δ=-7.67% L K=0.61	=6.39 L=3.25 L=4. 4.9% 4.0% -3.9			L=68.18 1.0%					
HORIZONTAL GEOMETRY				19.0 314°4		3	4.34m 14°43'44"		25.09m 314°43'44"			I R 1.509.52m 0(A 1.03 — 313°46′54"	R 1.5 4.67m (R 5.00 A 1.0272°01'13" A 3.52				97.41m .15°18'58"			
LONGITUDINAL SCALES: HOR 1:250	SECTION - F	RONT-OF-FP																		
								SURVEYED	NCC	08.22			Client:							
								DESIGNED	Maninder Singh	05.23			NORTHL		NORTHLAND TRA	ANSPORTATIO	N ALLIANCE			
								DRAWN	Sukhman Monga	05.23			NOVIUT	.AND	MANGAWHAI SH	ARED PATH - P	PHASE 3			
								CAD REVIEW	Maninder Singh	21.12.23	╝╽╲┣┓╺	Stantec	TRANSPOR	TATION			TINGE 0			
								DESIGN CHECK	Dilip Datta	22.12.23		olaniet								
								DESIGN REVIEW	Paul Potter	22.12.23					MOLESWORTH	ORIVE SHARED	PATH - NODES 11 - 14			
1 ISSUED FOR CONSTRUC	CTION				SM		P 22.12.23	APPROVED	Paul Potter	22.12.23	3		River Contract .		PLAN AND LONG	SECTIONS - C	H 150 - CH 300			
REV		REVISIONS			DRN	CHK AP	PP DATE	PROF REGISTRATION	:				Managements	1141. C						
PYRIGHT C THESE DRAWING	IGS SHALL ONLY BE USED FOR	HE PURPOSE FOR WHICH THEY WERE S	UPPLIED. ANY RE-USE IS PROHI	BITED AND NO PART OF THIS DOCUMENT	MAY BE REPRODUCE	ED OR DISTRIBUTED	WITHOUT THE WRITTEN	PERMISSION OF STANTEC.							pw:\\stantec-ap-pw.	bentley.com:stantec-ap-pw-01\l	Documents\New Zealand Clients\Northland Tran			

+0.31

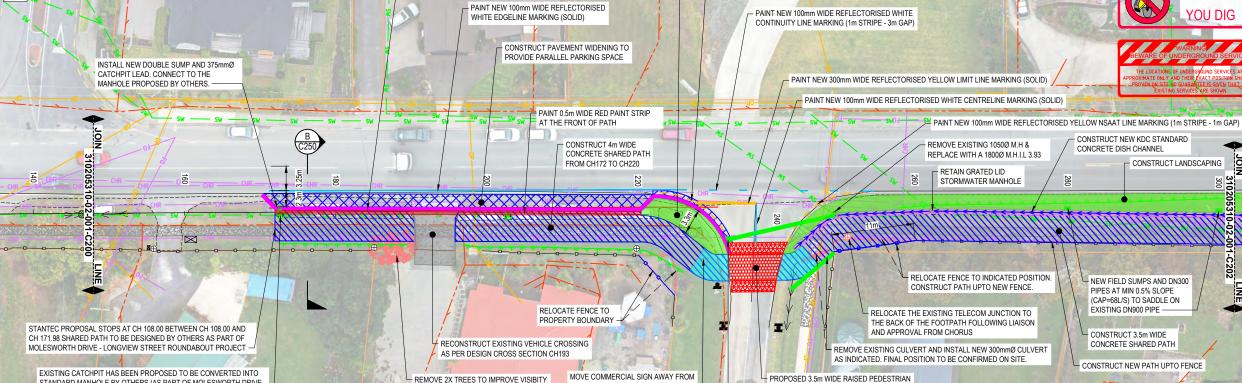
1	MOLESWORTH	DRIVE -		JUNDABOUT PROJECT	
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	17			12	and
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	HAD = 3.00				
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	FINISHED	5.25	500	000	5.35

CH 171.98 LVL 5.36

2

IP

+0.26



CONSTRUCT LANDSCAPING

CONSTRUCT NEW KDC

STANDARD KERB & CHANNEL

FOR THE EXITING DRIVERS

vi CH 195.32 LVI 5.37 LVI 5.48 LVI 5.48

Σ

IP

+0.29

PVI CH 189.98 LVL 5.44

19

CH 190.98 LVL 5.34

PLAN SCALE 1 : 250

319212817

Z

СТ

NEW DOUBLE SUMP AND DN300 LEAD TO CONNECT AT MIN 0.5%

SLOPE TO EXISTING MH -

PROPOSED SHARED PATH

14

- PAINT NEW 100mm WIDE REFLECTORISED YELLOW

TABLE WITH 1.5m WIDE RAMPS

PVI CH 236.74 LVL 5.42

PVI CH 240.85 LVL 5.26

1--

TCCT

4

PVI CH 249.29 LVL 5.22

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10.0

IP

0.04

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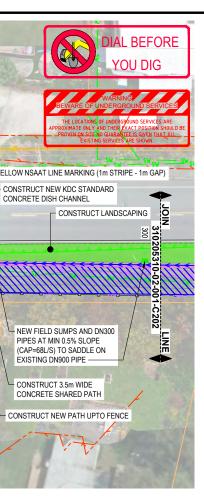
PVI CH 233.49 LVL 5.29

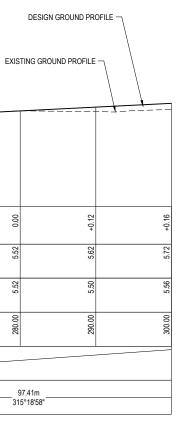
TCCT

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NSAAT LINE MARKING (1m STRIPE - 1m GAP)

Ł SIZE

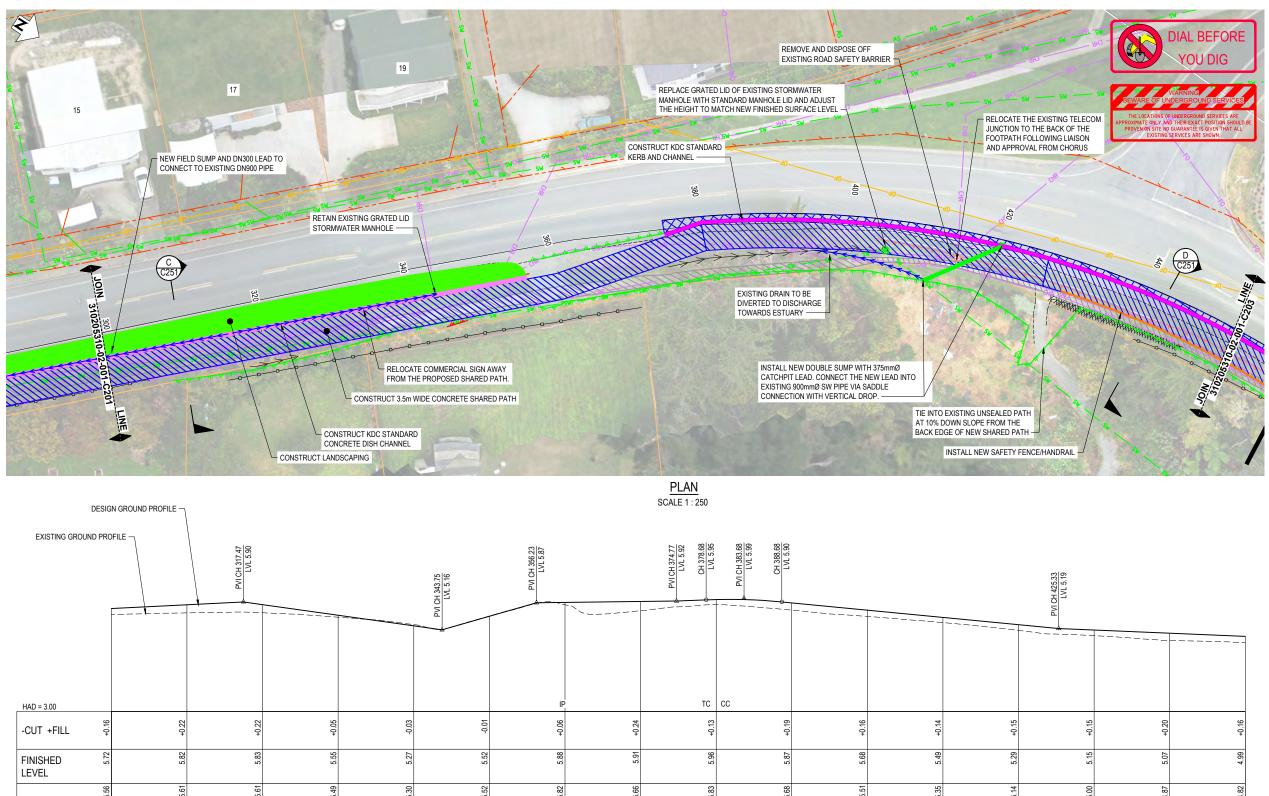




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·	FILL BATTER EXTENTS
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	ROAD SAFETY BARRIER
4	SIGN
Ā	TELECOM JUNCTION
	KERB AND CHANNEL
	FENCELINE
	ROAD CENTERLINE
	EDGE OF SEAL/METAL
	BOTTOM OF EMBANKMENT
	TOP OF EMBANKMENT
x x x x x x x x x	RETAINING WALL
NO STREAM	CONCRETE FOOTPATH
	UNSEALED FOOTPATH CATCHPIT
ਸ਼ਿੰ	POWER POLE
*	STREETLIGHT
OP	OVERHEAD POWER
	UNDERGROUND POWER
CHR	CHORUS CABLE
sw	STORMWATER PIPE
	SANITARY SEWERAGE PIPE
	LOW PRESSURE SEWER PIPE
	RELOCATED OR REPLACED
4	SIGN
	SERVICE COVER
⊗	TELECOM JUNCTION
***	STREETLIGHT
	ROAD SAFETY BARRIER
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aland Clients\Northland Transportation Alliance (NTA)\310205310 - Mangawhai Community Plan\02 - Share

310205310-03-001-C201



GROUND LEVEL

CHAINAGE

VERTICAL

GEOMETRY HORIZONTAL

GEOMETRY

ISSUED FOR CONSTRUCTION

LONGITUDINAL SECTION - FRONT-OF-FP SCALES: HOR 1:250 VERT 1:50

URVEYED 08.22 NCC 05.23 ESIGNED Maninder Singh 05.23 RAWN Sukhman Monga

Maninder Singh

Dilip Datta

Paul Potter

Paul Potter

L=18.53 -0.2%

18.98m

21.12.23

22.12.23

22.12.23

22.12.23

8

L=12.49-

5.7%

CAD REVIEW

DESIGN CHECK

DESIGN REVIEW

APPROVED

PROF REGIST

Stantec

L=3.91 R=364.37, Δ=-2.75% \ 0.8% K=3.64

Ř 10.00

A 2.56

NORTHLAND TRANSPORTATION ALLIANCE NORTHLAND TRANSPORTATION ALLIANCE MANGAWHAI SHARED PATH - PHASE 3

_L=36.64 -1.9%

MOLESWORTH DRIVE SHARED PATH - NODES 11 - 14 PLAN AND LONG SECTIONS - CH 300 - CH 450

120.00

R 126.05 A 91.62

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L=68.18-

1.0%

REVISION

8

L=26.27

-2.8%

97.41m

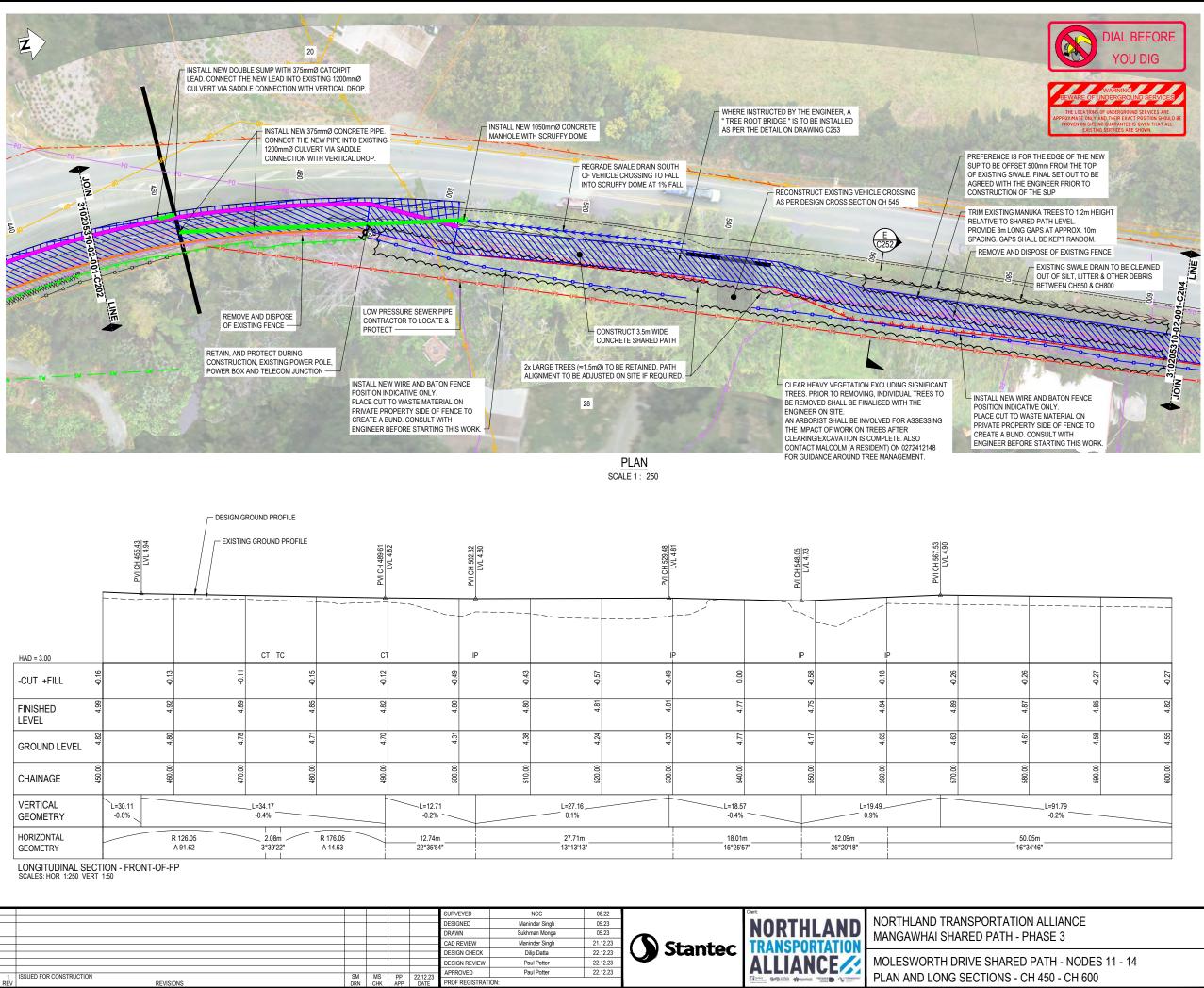
315°18'58"

+0.20	+0.16
5.07	4.99
4.87	4.82
440.00	450.00
L=30.11 -0.8%	

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LEGEND		
NEW		
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	LAND SCAPING	
	PAVEMENT RECONSTRUCTION	
	STANDARD LID STORMWATER MH	
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	STORMWATER PIPE/CULVERT	
•	TIMBER PILE WHITE LINE MARKING	
	YELLOW LINE MARKING	
4	SAFETY FENCE ROAD SIGN	
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EXISTING		
	PROPERTY BOUNDARY	
050	TRANSFORMER	
	CULVERT	
۲	SANITARY SEWER MH	
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	GRATED LID STORMWATER MH SERVICE COVER	
	ROAD SAFETY BARRIER	
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	ROAD CENTERLINE EDGE OF SEAL/METAL	
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	OVERHEAD POWER	
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	STORMWATER PIPE	
	SANITARY SEWERAGE PIPE	
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00	STREETLIGHT ROAD SAFETY BARRIER	
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1. REFER TO S	HEET C001 FOR GENERAL NOTES.	
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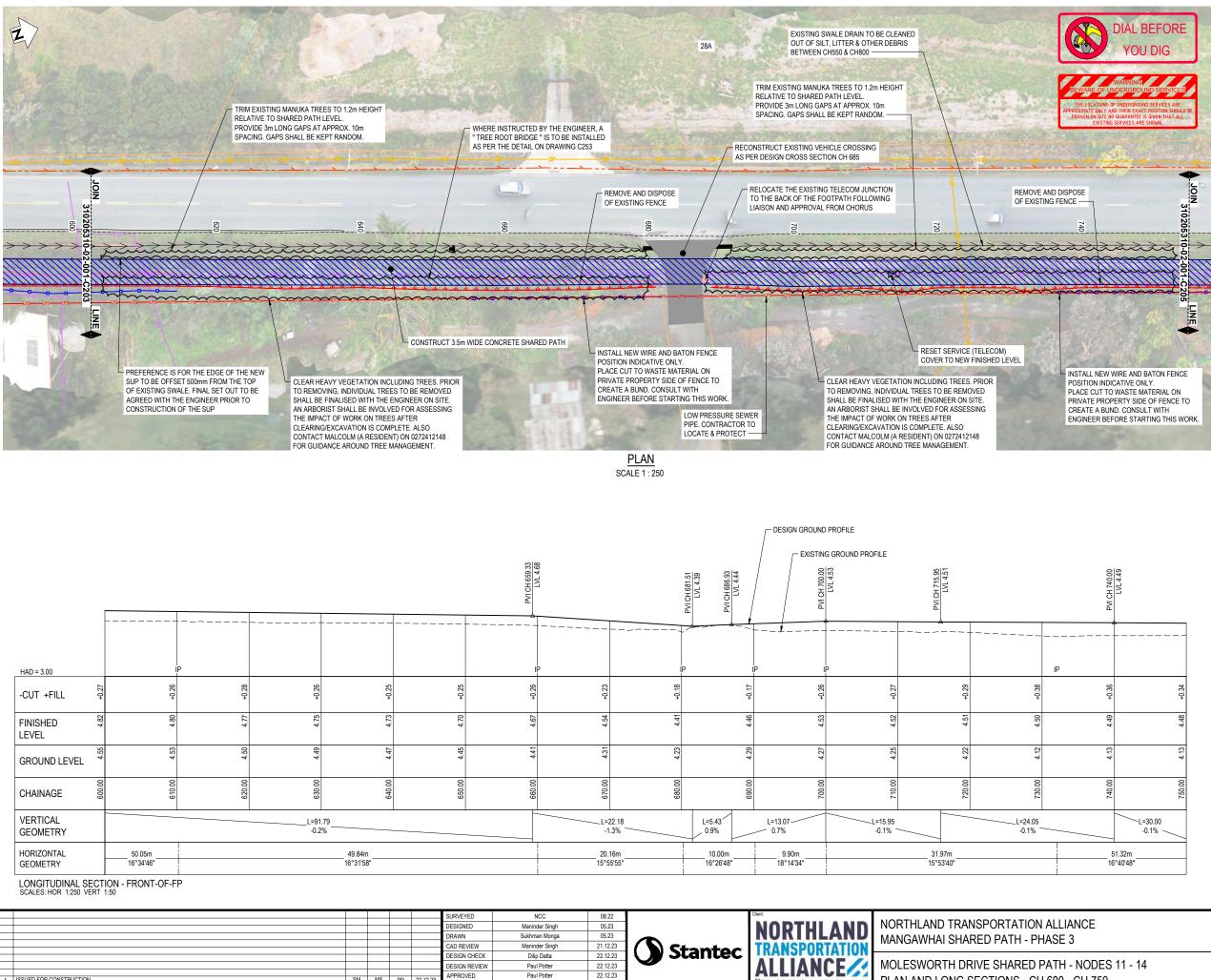


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+0.27	+0.27
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LEGEND								
NEW								
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<u>→>></u> >	CONCRETE DISH CHANNEL							
	CONCRETE SHARED PATH - 4% B.O.							
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	TIMBER BOARDWALK							
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	UNDERGROUND POWER							
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F0	FIBRE OPTIC CABLE							
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	SANITARY SEWERAGE PIPE							
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TO BE REMOVED	, RELOCATED OR REPLACED							
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	SERVICE COVER							
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DESIGN REVIEW

APPROVED

Paul Potter

Paul Potter

22.12.23

22.12.23

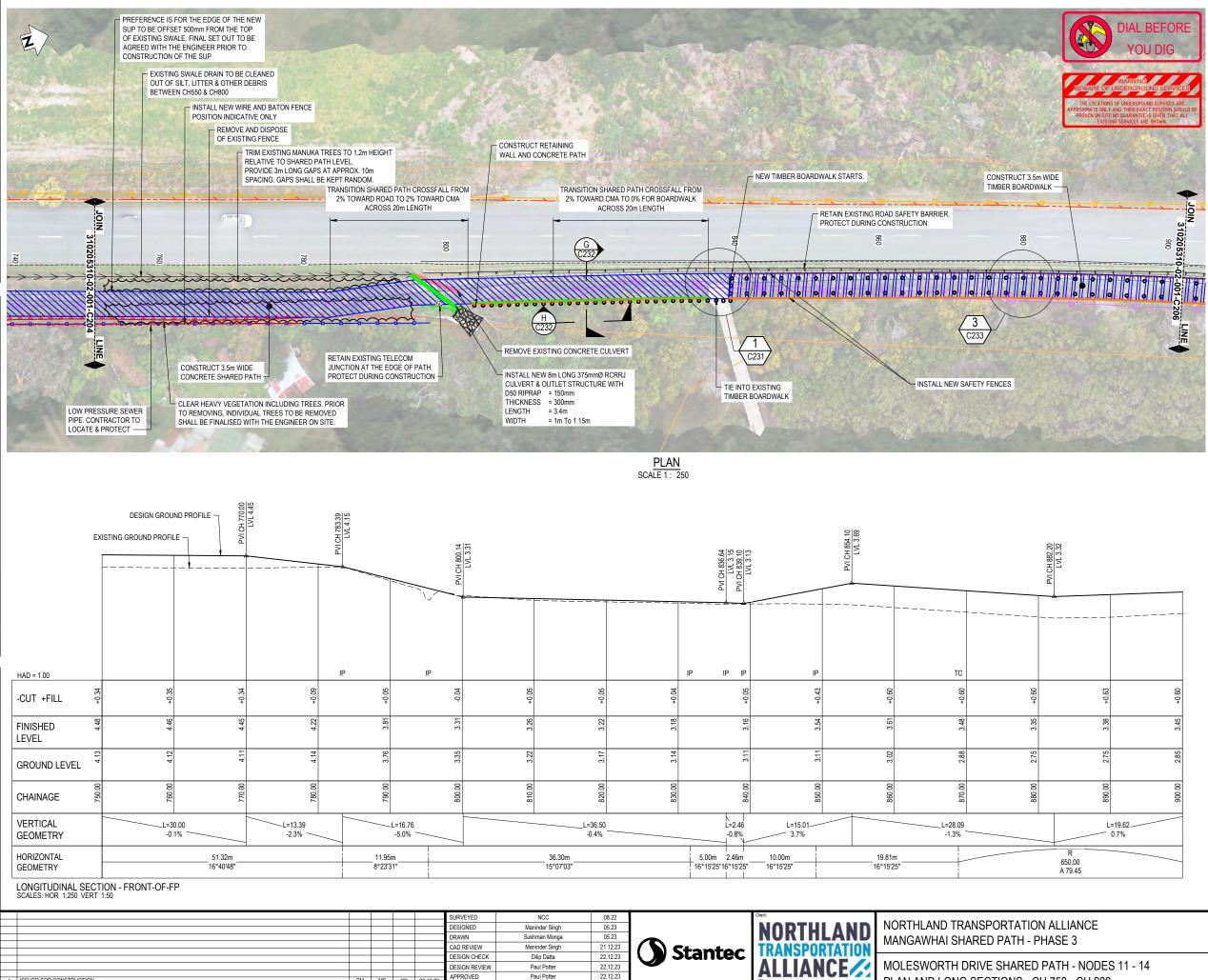
MOLESWORTH DRIVE SHARED PATH - NODES 11 - 14 PLAN AND LONG SECTIONS - CH 600 - CH 750

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ISSUED FOR CONSTRUCTION

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		KERB AND CHANNEL CONCRETE DISH CHANNEL	
[CONCRETE SHARED PATH - 4% B.O.	
	//////	CONCRETE SHARED PATH-10% B.O.	
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li		RAISED PEDESTRIAN TABLE - TOP	
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li		LAND SCAPING	
	~~~~~	PAVEMENT RECONSTRUCTION	
ľ		STANDARD LID STORMWATER MH	
	mm	STANDARD CATCH PIT	
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•		YELLOW LINE MARKING	
•	4	SAFETY FENCE ROAD SIGN	
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	EXISTING		
		PROPERTY BOUNDARY	
	150	TRANSFORMER	
		CULVERT	
	۲	SANITARY SEWER MH	
	۲	STANDARD LID STORMWATER MH	
		GRATED LID STORMWATER MH SERVICE COVER	
0_			
	4	ROAD SAFETY BARRIER SIGN	
	8	TELECOM JUNCTION	
		KERB AND CHANNEL	
-	OO	FENCELINE	
		ROAD CENTERLINE EDGE OF SEAL/METAL	
-	$\rightarrow$	SWALE DRAIN INVERT	
-		BOTTOM OF EMBANKMENT	
,		TOP OF EMBANKMENT RETAINING WALL	
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Ŀ		UNSEALED FOOTPATH CATCHPIT	
	E HOH	POWER POLE	
	*→	STREETLIGHT	
-		OVERHEAD POWER	
		UNDERGROUND POWER CHORUS CABLE	
-	F0	FIBRE OPTIC CABLE	
-	sw	STORMWATER PIPE	
-	<u> </u>	SANITARY SEWERAGE PIPE	
-	LPSLPS	LOW PRESSURE SEWER PIPE	
		RELOCATED OR REPLACED	[
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		SERVICE COVER	
	$\otimes$	TELECOM JUNCTION	
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22.12.23

Paul Potter

APPROVED

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REVISION

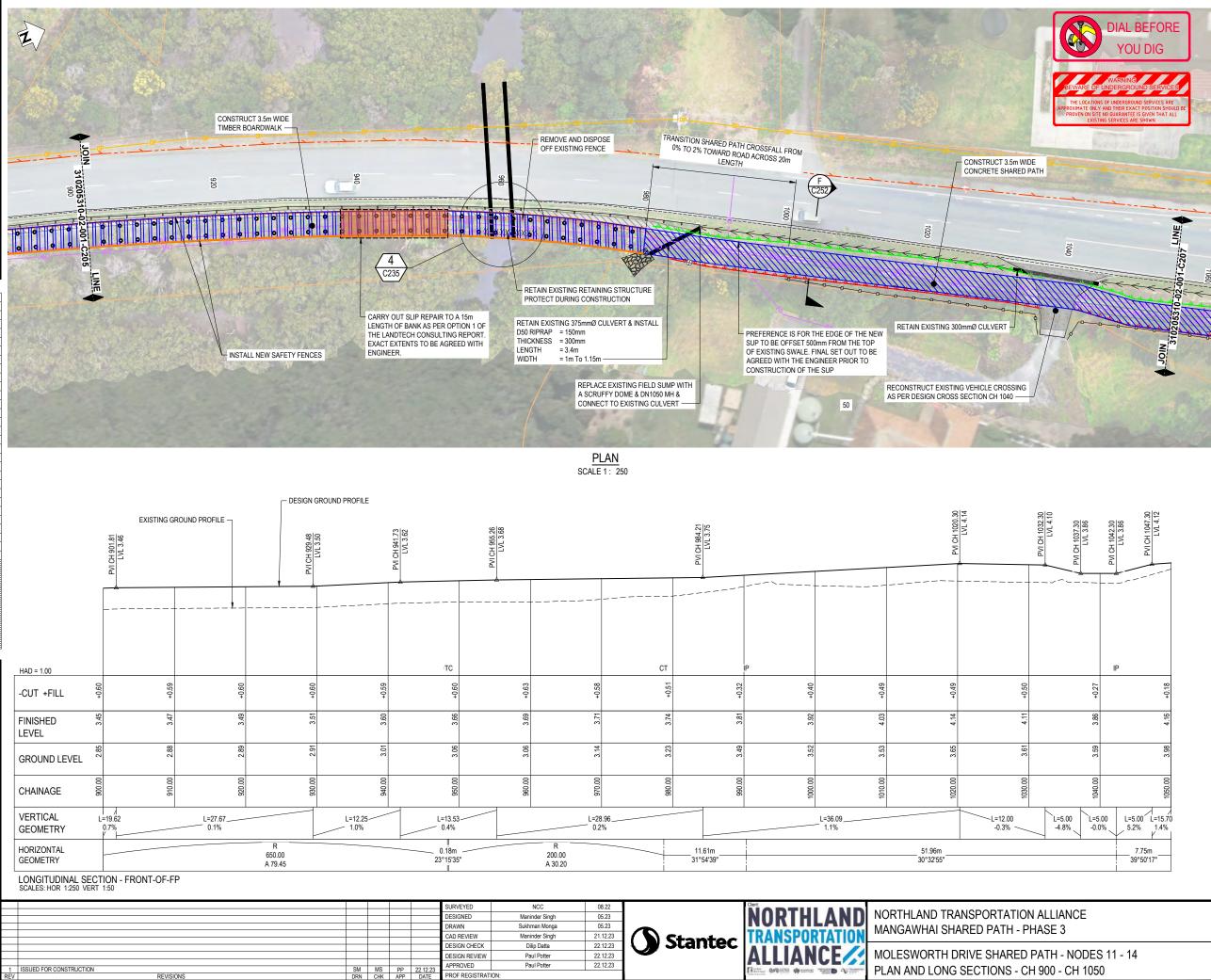
MOLESWORTH DRIVE SHARED PATH - NODES 11 - 14 PLAN AND LONG SECTIONS - CH 750 - CH 900

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ISSUED FOR CONSTRUCTION

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NEXTRA SERVICE	CONCRETE FOOTPATH
	UNSEALED FOOTPATH
	CATCHPIT
HOH	POWER POLE
★→	STREETLIGHT
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UP	UNDERGROUND POWER
CHR	
	FIBRE OPTIC CABLE
	STORMWATER PIPE
	SANITARY SEWERAGE PIPE
	LOW PRESSURE SEWER PIPE
	RELOCATED OR REPLACED
	FENCE LINE
4	SIGN
	SERVICE COVER TELECOM JUNCTION
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	SAFETY FENCE							
•	ROAD SIGN CUT BATTER EXTENTS							
	FILL BATTER EXTENTS	1						
EXISTING		1						
	PROPERTY BOUNDARY	1						
****		1						
(51)	TRANSFORMER	1						
	CULVERT	1						
۲	SANITARY SEWER MH	1						
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0.0	ROAD SAFETY BARRIER							
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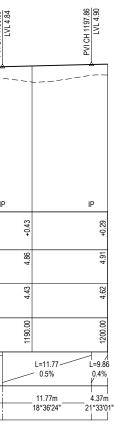
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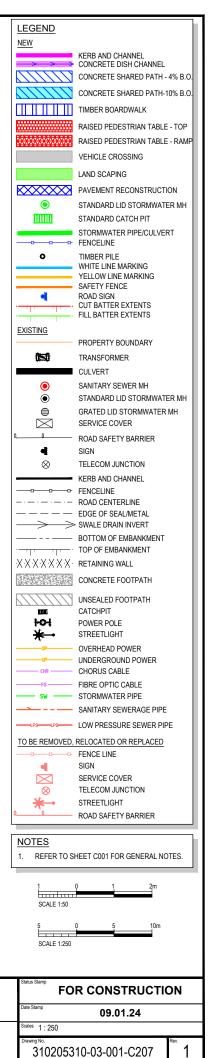
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-CUT +FILL	-0.18 -0.18	+0.32	+0.30	+0.30	+0.44	+0.47	+0.40	+0.24	+0.17	+0.27	+0.35	+0.43	+0.38	+0.34	+0.43
FINISHED LEVEL	4.16	4.30	4.37	4.42	4.46	4.51	4.56	4.60	4.65	4.69	4.73	4.76	4.79	4.82	4.86
GROUND LEVEL	3.98	3.98	4.08	4.12	4.03	4.04	4.15	4.36	4.48	4.43	4.38	4.33	4.41	4.49	4.43
CHAINAGE	1050.00	1060.00	1070.00	1080.00	1090.00	1100.00	1110.00	1120.00	1130.00	1140.00	1150.00	1160.00	1170.00	1180.00	1190.00
VERTICAL GEOMETRY		15.70				L=81 0.5	.63						L=41.46 0.3%		L=11.77 0.5%
HORIZONTAL GEOMETRY	7.75m 39°50'17"				79.78m 30°38'38"					30265	0.43m ?11'17"		25.83m 24°36'43		11.77m 18°36'24"
LONGITUDINAL SE SCALES: HOR 1:250 VE		IT-OF-FP REVISIONS			SM MS PP 2 DRN CHK APP	SURVEYED DESIGNED DRAWN CAD REVIEW DESIGN CHECK DESIGN REVIEW 2.12.23 PROF REGISTRATIC	NCC Maninder Singh Sukhman Monga Maninder Singh Dilip Datta Paul Potter Paul Potter Paul Potter	08.22 05.23 05.23 21.12.23 22.12.23 22.12.23 22.12.23	) Stant	ALL	RTHLAN Sportatio IANCE	MOLESW	AND TRANSPOR /HAI SHARED P/ /ORTH DRIVE SH D LONG SECTIO	ATH - PHASE (	3 - NODES 11 - 14

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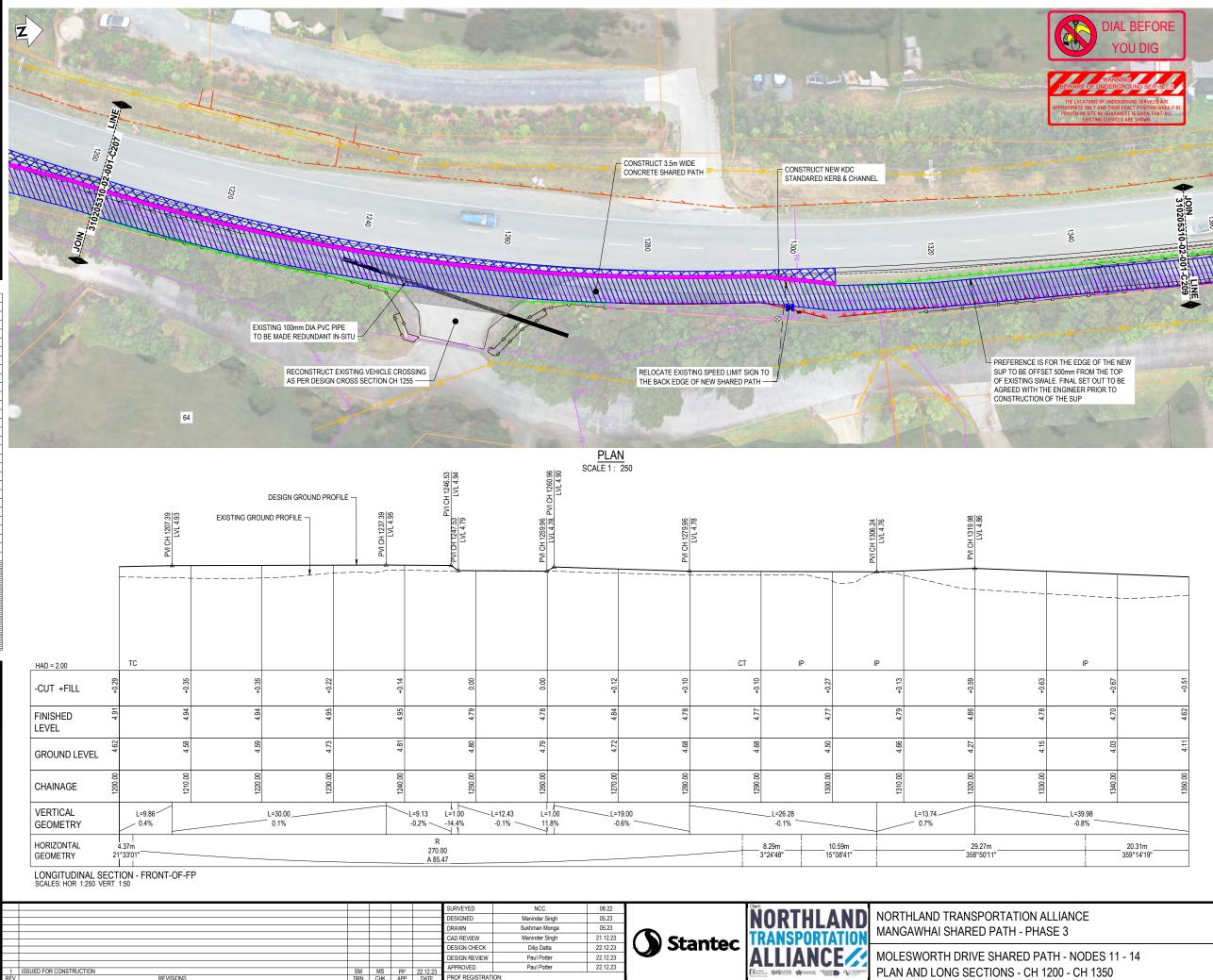
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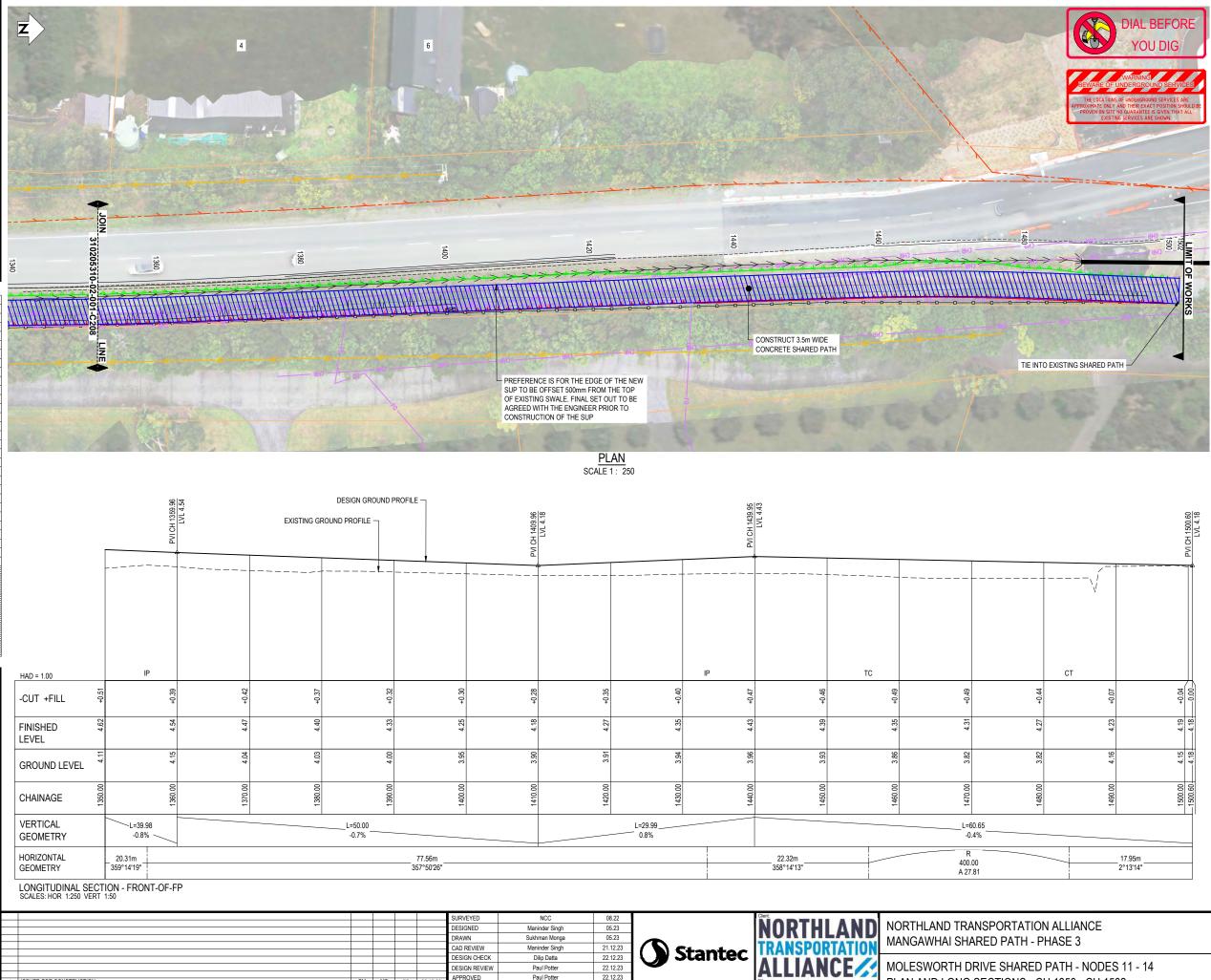
PLAN AND LONG SECTIONS - CH 1200 - CH 1350

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39.98 ).8%			
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r			
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	CONCRETE SHARED PATH - 4% B.O.		
	CONCRETE SHARED PATH-10% B.O.		
	TIMBER BOARDWALK		
	· ·		
******	RAISED PEDESTRIAN TABLE - TOP		
	RAISED PEDESTRIAN TABLE - RAMP		
	VEHICLE CROSSING		
	LAND SCAPING		
	PAVEMENT RECONSTRUCTION		
	STANDARD LID STORMWATER MH		
	STANDARD CATCH PIT		
	STORMWATER PIPE/CULVERT FENCELINE		
o	TIMBER PILE		
	WHITE LINE MARKING		
	YELLOW LINE MARKING SAFETY FENCE		
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· · · · · · · · ·	CUT BATTER EXTENTS FILL BATTER EXTENTS		
EXISTING			
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DESIGN REVIEW

APPROVED

Paul Potter

Paul Potter

22.12.23 22.12.23 MOLESWORTH DRIVE SHARED PATH - NODES 11 - 14 PLAN AND LONG SECTIONS - CH 1350 - CH 1502

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