

ORIGINAL SIZE A1

DO NOT SCALE - IF IN DOUBT, ASK



NZ TRANSPORT AGENCY
WAKA KOTAHI

STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN OHOU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

CONTRACT No. 464PN

SCHEME ASSESSMENT

NOT FOR CONSTRUCTION

A		SCHEME ASSESSMENT				JWM	MD	PP	18.10.13			STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN OHOU VILLAGE SAR - RP 985/7.52 - RP 985/9.14 COVER SHEET	Status Stamp	SCHEME ASSESSMENT
REV					DRN	CHK	APP	DATE	SURVEYED DESIGNED DRAWN CAD REVIEW DESIGN CHECK DESIGN REVIEW APPROVED PROF REGISTRATION:				Barbara Browne 09/13 Joseph Mitchell 09/13 NOT APPROVED	Date Stamp
												Scales	NTS	
												Drawing No.	80500902-02-0604-C001	
												Rev	A	

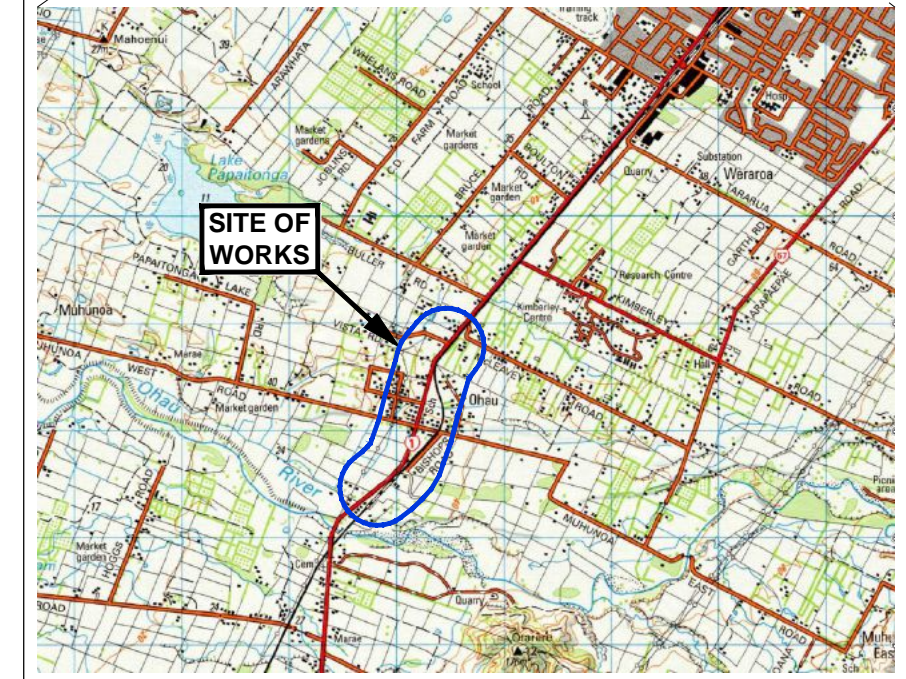
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ORIGINAL SIZE A1

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LOCATION



SET No: 02	CONTRACT No: 464PN
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QUALITY ASSURANCE STATEMENT	
OFFICE: MWH New Zealand Limited HAZELDEAN BUSINESS PARK 6 HAZELDEAN ROAD ADDINGTON P O Box 13-249 CHRISTCHURCH 8024 NEW ZEALAND PHONE : 64-3-366 7449 FAX : 64-3-366 7780	PROJECT MANAGER: J. ENGLAND
	DESIGNED BY: B. BROWNE
	DRAWINGS CHECKED BY: M. OPPENHUIS
	REVIEWED BY: P. PEET
	APPROVED BY: P. PEET

NOT FOR CONSTRUCTION

REV	SCHEME ASSESSMENT	JWM	MO	PP	18.10.13
REV	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION:		

Client:




STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

LOCATION PLAN AND DRAWING INDEX

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	NTS
Drawing No.	80500902-02-0604-C002
Rev	A

GENERAL NOTES

- ALL NOTES SHALL BE READ IN CONJUNCTION WITH THE CONTRACT SPECIFICATIONS, DESIGN DRAWINGS AND OTHER RELEVANT STANDARDS, MANUALS AND SPECIFICATIONS.
- ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE.
- DO NOT SCALE FROM DRAWINGS.
- THE ENGINEERING DESIGN IS BASED PARTLY ON A DIGITAL TERRAIN MODEL (DTM) COMPUTER GENERATED FROM THE SITE SURVEY. SOME GEOMETRY FROM THE SURVEY HAS BEEN INTERPOLATED AND MAY VARY FROM THE ACTUAL SITE CONDITIONS.
- CADASTRAL BOUNDARIES ARE INDICATIVE ONLY. BOUNDARIES TO BE VERIFIED BY SURVEY ON SITE.
- ALL DESIGN ASPECTS INCLUDING PAVEMENT MARKINGS AND SIGNAGE, RRPMS AND EDGE MARKER POSTS ARE TO MEET THE REQUIREMENTS OF THE CLIENT STANDARDS.
- ALL COORDINATES ARE IN TERMS OF _____.
- ALL LEVELS ARE TO _____ DATUM.
- PIPES, CABLES AND OTHER UTILITIES, FOUNDATIONS, LEVELS, REFERENCE MARKS AND OTHER OBSTRUCTIONS INDICATED ON THIS DRAWING ARE BASED ONLY ON READILY AVAILABLE RECORD PLANS AND OTHER INFORMATION. THIS INFORMATION MAY NOT BE COMPLETE, ACCURATE NOR UP TO DATE PRIOR TO CARRYING OUT ANY EXCAVATION OR OTHER PHYSICAL WORK. CONTRACTORS SHALL OBTAIN THE LATEST INFORMATION FROM UTILITY PROVIDERS AND CARRY OUT DETAILED EXPLORATORY WORK, TRACING, LOCATING, PROTECTION, ISOLATION AND ALTERATIONS AS ARE REQUIRED UNDER THE CONTRACT.
- ENGINEER TO ASSESS ALL CARRIAGEWAY REINSTATEMENT WORK TO CONFIRM SUITABILITY OF EXISTING MATERIAL PRIOR TO ANY REINSTATEMENT WORK. THE CONTRACTOR SHALL ALLOW IN THEIR RATES FOR THE APPROPRIATE TESTING TO CONFORM TO THE SPECIFICATIONS.
- ALL JOINTS BETWEEN THE CONTRACT WORK AND EXISTING MUST BE SAWCUT NEATLY. SAWCUTTING SHALL GENERALLY BE SQUARE AND/OR PARALLEL TO THE KERB ALIGNMENT AND/OR CARRIAGEWAY. DRY CUTTING IS NOT PERMITTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PERFORMANCE OF ALL ACTIVITIES REQUIRED TO ENSURE THAT ADEQUATE PUBLIC AND PRIVATE ACCESS IS NOT PREVENTED BY THE WORKS.
- BEFORE COMMENCING ANY WORK THE CONTRACTOR SHALL MAKE APPLICATION FOR A ROAD OPENING NOTICE. THIS SHALL INCLUDE A TRAFFIC MANAGEMENT PLAN. NO WORK SHALL COMMENCE WITHIN THE ROAD RESERVE UNTIL THE APPLICATION HAS BEEN APPROVED BY THE ROAD CONTROLLING AUTHORITY.
- NO EXCAVATION OF MATERIAL IS TO BE UNDERTAKEN UNTIL THE CONTRACTOR HAS TAKEN NECESSARY STEPS TO ENSURE THAT ANY WORKS DO NOT COMPROMISE THE STRUCTURAL STABILITY OF EXISTING RETAINING WALLS OR GROUND SLOPES.
- WHERE APPLICABLE EXISTING CONCRETE FOOTPATHS SHALL BE RECONSTRUCTED OVER SUCH LENGTH AS IS NECESSARY TO PROVIDE SAFE TRANSITION BETWEEN DESIGN AND EXISTING LEVELS.
- REINSTATE THE AFFECTED WORK AREA TO PRIOR CONDITION INCLUDING FENCES, GATES DRIVEWAYS ETC. WITH EXISTING OR MATCHING MATERIALS AS APPROVED BY ENGINEER.
- PROPERTY BOUNDARY LOCATIONS HAVE BEEN ATTAINED FROM _____ AND ARE SUBJECT TO FINAL SURVEY.

ROADMARKING NOTES

- THE CONTRACTOR SHALL ENSURE THAT ALL REINSTATED ROAD MARKINGS ARE TO BE EXTENDED AS REQUIRED BEYOND THE LIMITS SHOWN IN THE DRAWINGS TO ACHIEVE CONTINUITY MATCHING INTO THE EXISTING MARKINGS.
- ALL REDUNDANT MARKINGS SHALL BE PERMANENTLY REMOVED. BLACKING OUT OF MARKINGS WITH PAINT IS NOT PERMITTED.

SERVICES NOTES

- UNDERGROUND SERVICE LOCATIONS HAVE BEEN DERIVED FROM SURVEY, DBYB AND GIS INFORMATION. ALTHOUGH EVERY EFFORT HAS BEEN MADE, NO RESPONSIBILITY IS TAKEN FOR ITS ACCURACY.
- THE SERVICE INFORMATION PROVIDED IS NOT INTENDED TO PROVIDE A COMPLETE OR ACCURATE LOCATION OF EXISTING SERVICES.
- IT IS THE CONTRACTORS RESPONSIBILITY TO INVESTIGATE AND CONFIRM ALL EXISTING SERVICES AND FEATURE LOCATIONS ONSITE PRIOR TO EXCAVATION.
- THE CONTRACTOR SHALL MAKE ENQUIRIES OF THE SERVICE AUTHORITIES AS TO THE LOCATION, DEPTH AND EXTENT OF SERVICES PRIOR TO COMMENCEMENT OF WORK ON THE SITE.
- THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING SERVICES DURING THE EXECUTION OF WORKS UNDER CONTRACT. NO WORK SHALL BE CARRIED OUT WITHIN 3.0M OF ANY EXISTING SERVICE, WITHOUT PRIOR RECORDED CONSULTATION WITH THE RELEVANT AUTHORITY.
- ALL PIPEWORK TO BE ABANDONED SHALL BE SEALED WITH 17.5MPA CONCRETE PLUG TO THE SATISFACTION OF THE ENGINEER.

SITE CLEARING:

- THE CONTRACTOR SHALL LIAISE WITH THE ENGINEER ON SITE FOR ALL TREE REMOVAL, PLANTING AND PRUNING WORKS.
- TREES NOT DIRECTLY AFFECTED BY WORKS ARE TO BE RETAINED. TREE REMOVALS WITHIN 2.0m FROM TOP OF CUT AND BOTTOM OF FILL BATTERS SHALL NOT PROCEED WITHOUT APPROVAL FROM SITE ENGINEER.

LEGEND - DESIGN FEATURES:

- NEW PROPERTY BOUNDARY
- CONTROL LINE
- NEW KERB
- NEW KERB AND CHANNEL
- NEW EDGE OF PAVEMENT
- NEW TOP OF BANK
- NEW SWALE DRAIN
- NEW U/G DRAINAGE LINE
- NEW U/G COMMS LINE
- NEW U/G WATER MAIN
- NEW U/G SEWERAGE MAIN
- NEW O/H OVERHEAD ELEC.
- NEW OPTIC FIBRE.
- NEW CULVERT
- NEW FENCE
- NEW GABION BASKET / RETAINING WALL
- NEW OPEN DRAINAGE CHANNEL
- FINISHED SURFACE CONTOUR (MAJOR) 0.5m INTERVALS
- FINISHED SURFACE CONTOUR (MINOR) 0.1m INTERVALS
- NEW GATE
- NEW ROAD SIGN
- NEW POWER POLE LOCATION
- NEW STREET LIGHT
- NEW STREET LIGHT (OUTREACH)
- NEW DRAINAGE PIT
- NEW STORMWATER SUMP
- NEW MANHOLE
- CATCHMENT BOUNDARY
- NEW RETAINING WALL
- NEW SAFETY BARRIER (GUARDRAIL)
- NEW SAFETY BARRIER (WIRE ROPE)
- SETOUT POINT
- INTERSECTION POINT

LEGEND - NEW ROAD MARKINGS

- NEW CENTRE LINE / LANE LINE
- NEW BARRIER LINE (LEFT)
- NEW BARRIER LINE (RIGHT)
- DOUBLE BARRIER LINE
- EDGE LINE
- EDGE LINE (WITH AUDIBLE TACTILE MARKERS)
- CONTINUITY LINE
- NO STOPPING LINE

LEGEND - EXISTING SURVEY FEATURES:

- EXISTING PROPERTY BOUNDARY
- EXISTING KERB
- EXISTING KERB AND CHANNEL
- EXISTING EDGE OF PAVEMENT
- EXISTING TOP OF BANK
- EXISTING SWALE DRAIN
- EXISTING U/G DRAINAGE LINE
- EXISTING U/G COMMS LINE
- EXISTING U/G WATER MAIN
- EXISTING U/G SEWERAGE MAIN
- EXISTING U/G ELEC.
- EXISTING O/H POWER
- EXISTING OPTIC FIBRE.
- EXISTING CULVERT
- EXISTING FENCE
- EXISTING GABION BASKET / RETAINING WALL
- EXISTING SURFACE CONTOUR (MAJOR) 0.5m INTERVALS
- EXISTING SURFACE CONTOUR (MINOR) 0.1m INTERVALS
- EXISTING GATE
- EXISTING ROAD SIGN
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- EXISTING STREET LIGHT (OUTREACH)
- EXISTING DRAINAGE PIT
- EXISTING STORMWATER SUMP
- EXISTING MANHOLE
- BENCHMARK (SURVEY STATION)
- BOREHOLE
- EXISTING HYDRANT
- EXISTING ACCESS CHAMBER
- EXISTING WATER METER
- EXISTING ROAD SIGN (TO BE REMOVED)
- EXISTING KERB (TO BE REMOVED).
- EXISTING FENCE (TO BE REMOVED).
- EXISTING TREE
- EXISTING TREE (TO BE REMOVED)

LEGEND - EXISTING ROAD MARKINGS

- EXISTING CENTRE LINE / LANE LINE
- EXISTING EDGE LINE
- EXISTING CONTINUITY LINE
- EXISTING NO STOPPING LINE



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PROF REGISTRATION:		

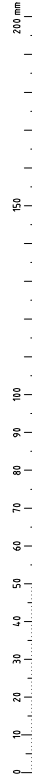
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STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
 OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

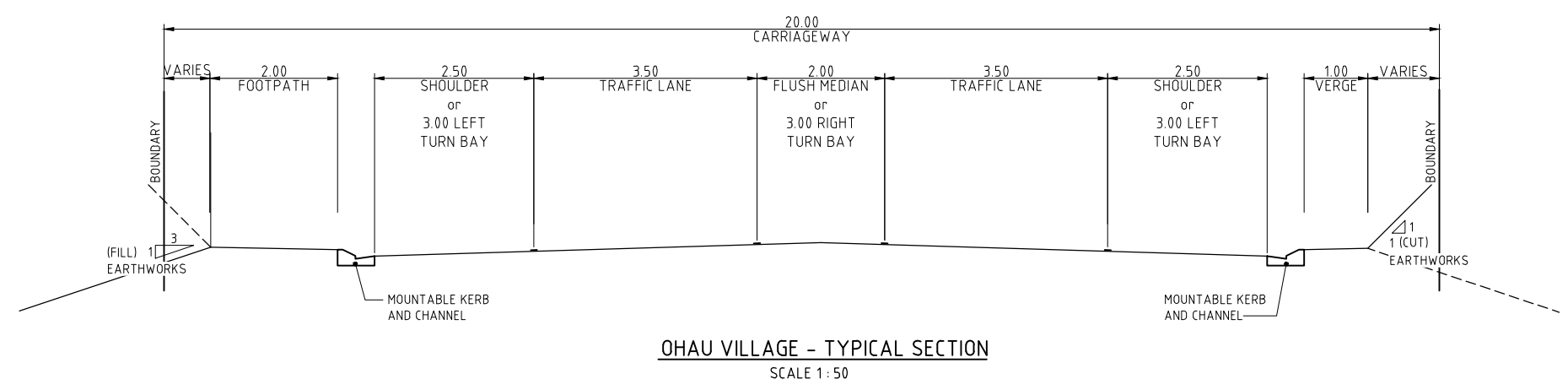
GENERAL NOTES AND LEGEND

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ORIGINAL SIZE **A1**



OHAU VILLAGE - TYPICAL SECTION
SCALE 1:50

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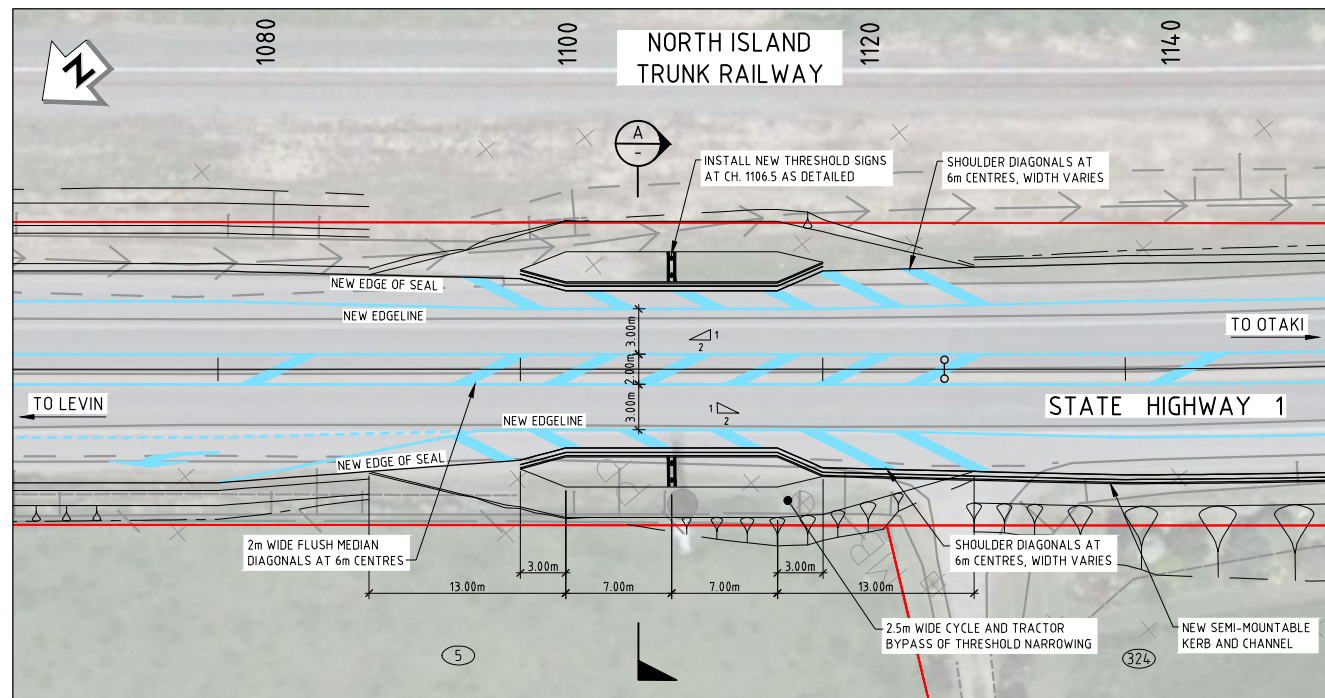


STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHOU VILLAGE SAR - RP 985/7.52 - RP 985/9.14
TYPICAL CROSS SECTION

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
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Drawing No.	80500902-02-0604-C 101
Rev	A

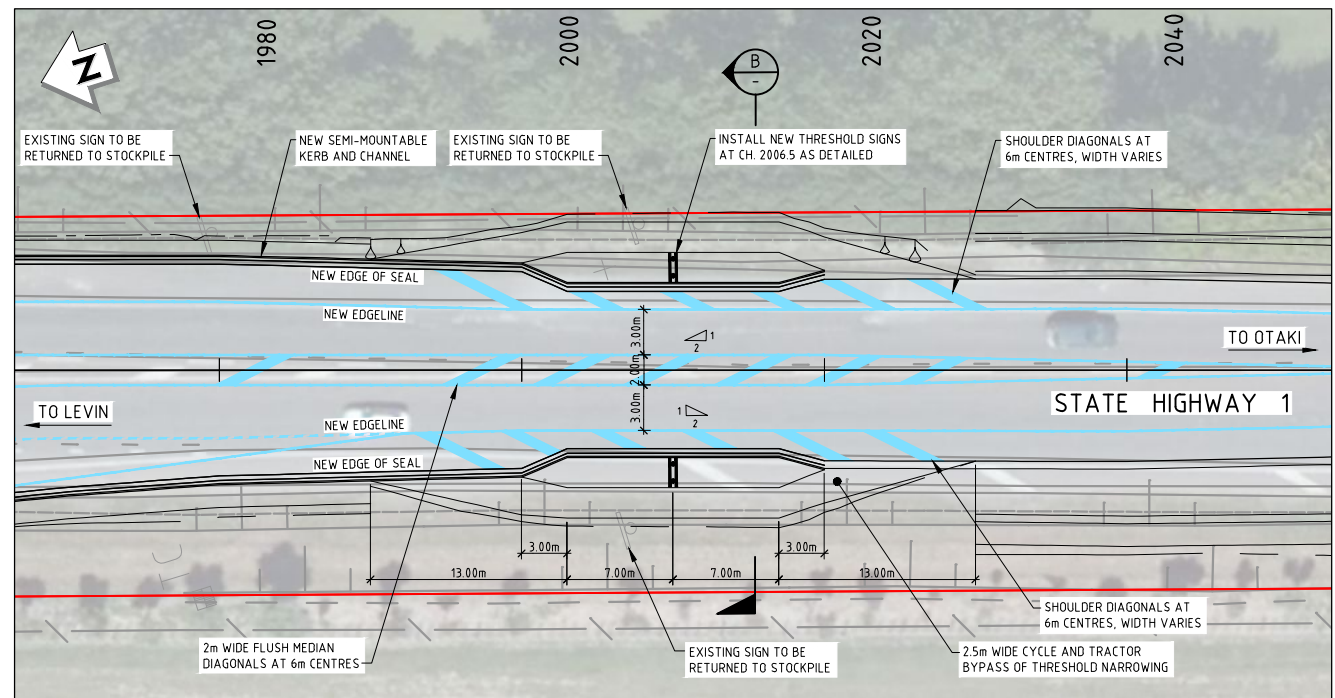
ORIGINAL SIZE A1

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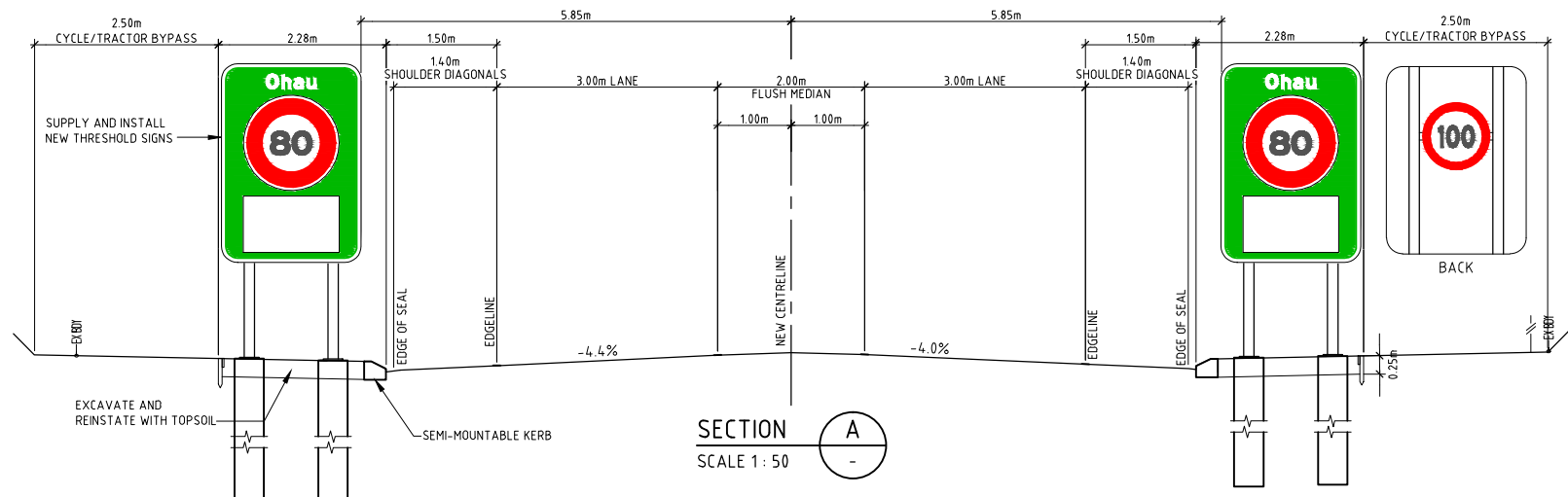
NEW THRESHOLD PLAN - CH. 1080-1140

SCALE 1:250



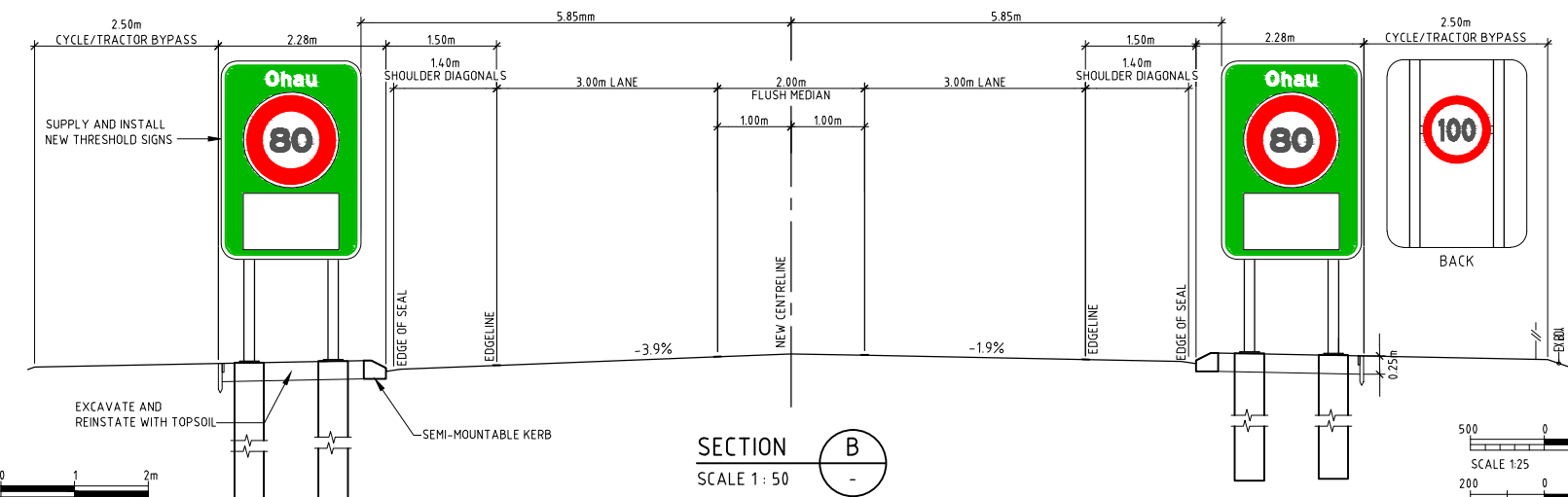
NEW THRESHOLD PLAN - CH. 1980-2040

SCALE 1:250



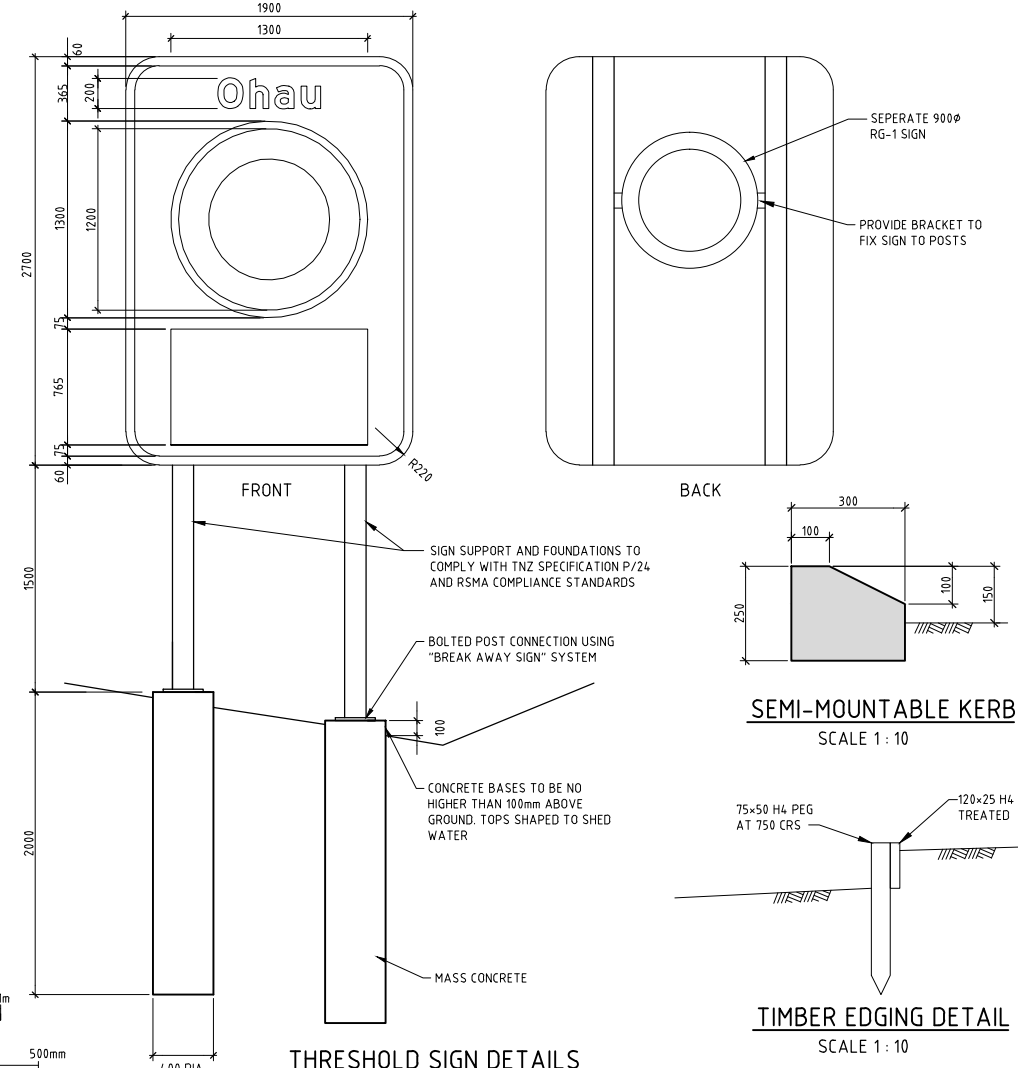
SECTION A

SCALE 1:50



SECTION B

SCALE 1:50



THRESHOLD SIGN DETAILS

SCALE 1:25

SEMI-MOUNTABLE KERB

SCALE 1:10

TIMBER EDGING DETAIL

SCALE 1:10

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STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
 OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

OHAU THRESHOLD DETAILS
 PLAN AND SECTION

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scale	AS SHOWN
Drawing No.	80500902-02-0604-C 102
Rev	A

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200 mm

150

100

90

80

70

60

50

40

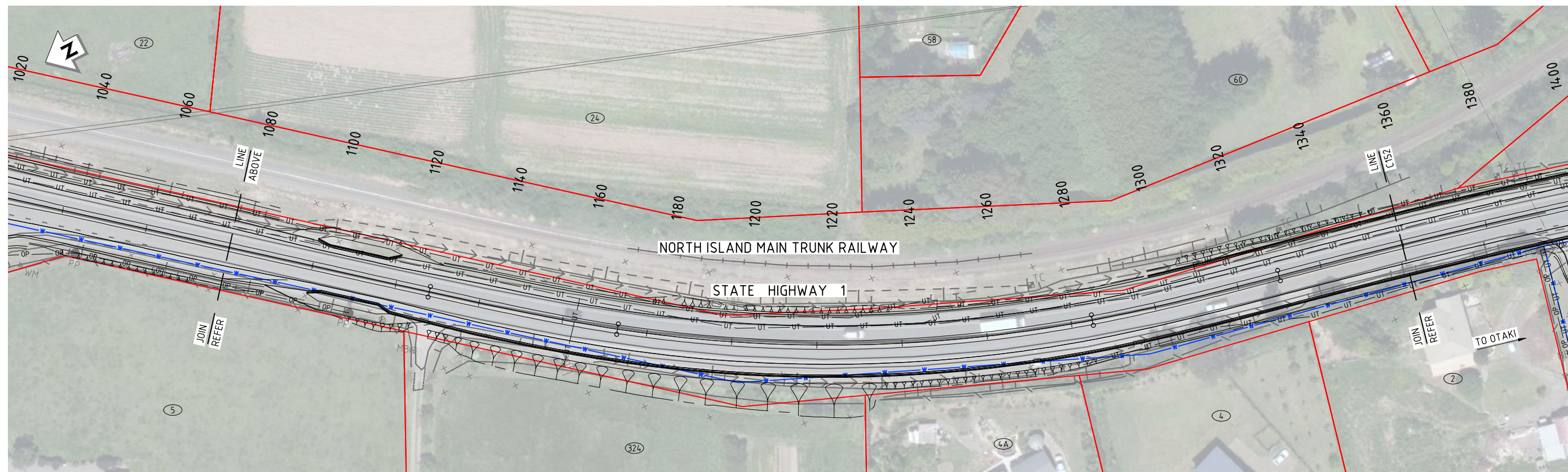
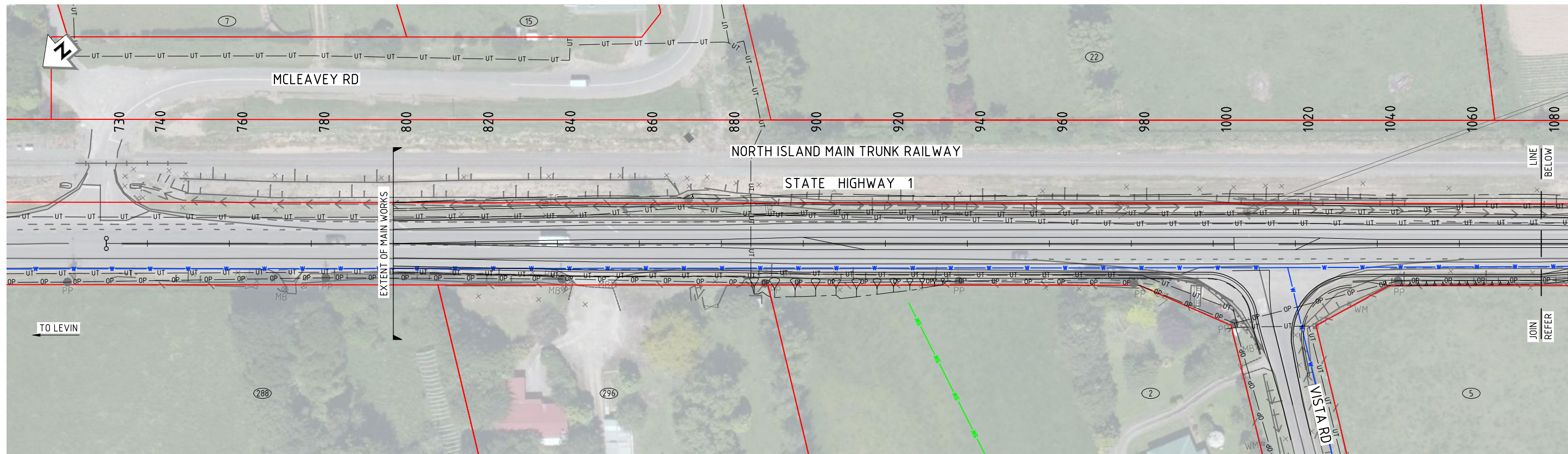
30

20

10

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ORIGINAL SIZE A1



NOTES:
 1. REFER TO DRAWING 80500902-02-0604-C003 FOR GENERAL NOTES AND LEGEND.

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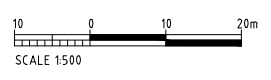
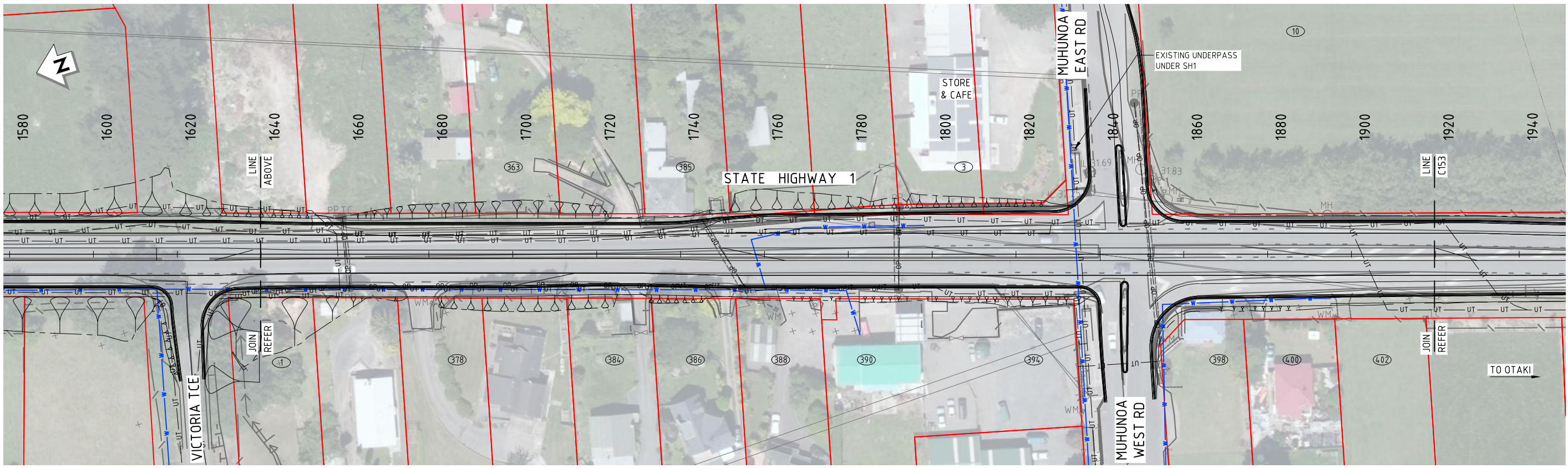


Client:
 STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
 OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14
 EXISTING SURVEY, AERIAL, SERVICES AND FEATURES
 SHEET 1 OF 4

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1:500
Drawing No.	80500902-02-0604-C151
Rev	A

ORIGINAL SIZE A1

200 mm DO NOT SCALE - IF IN DOUBT, ASK



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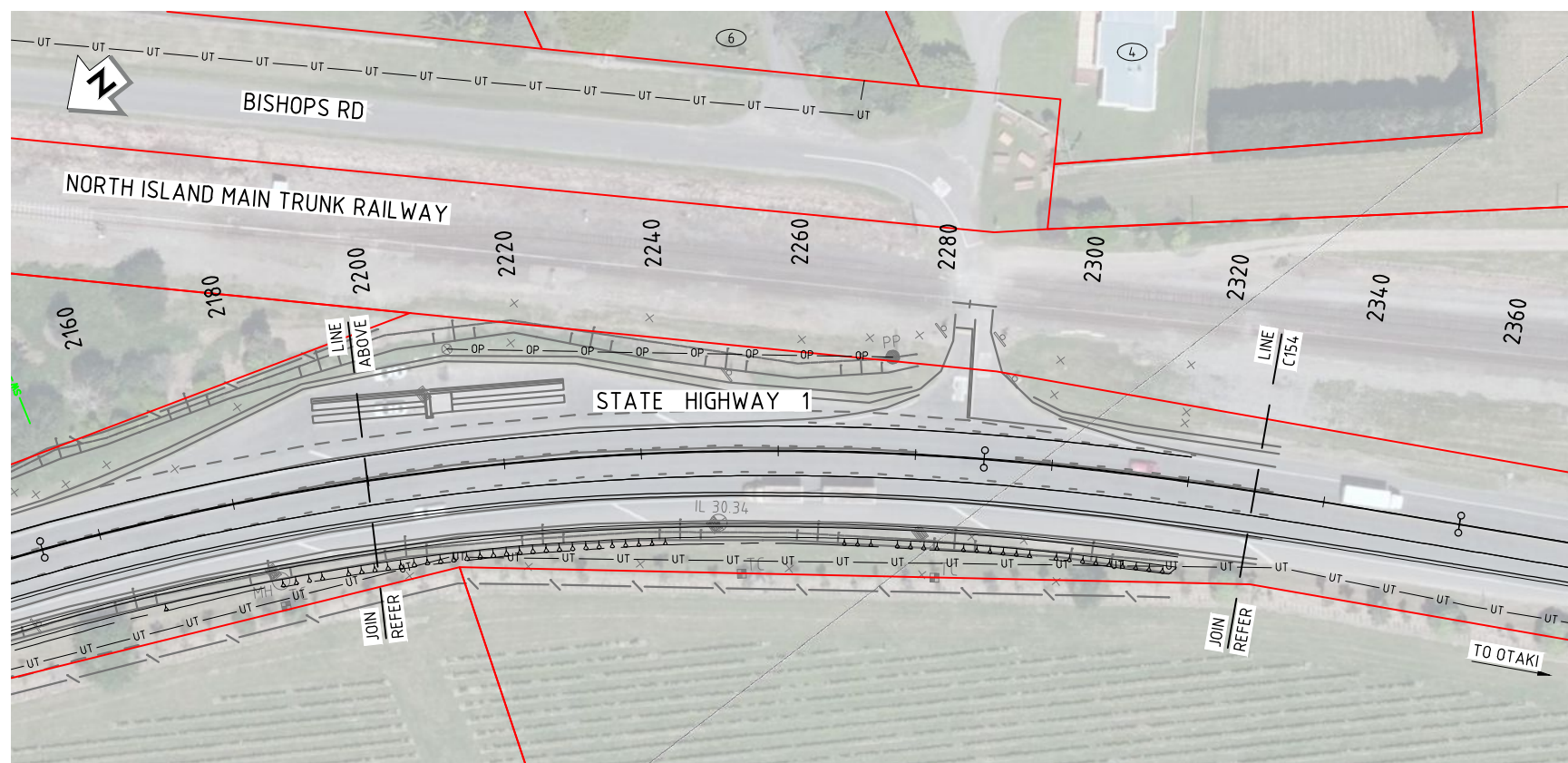
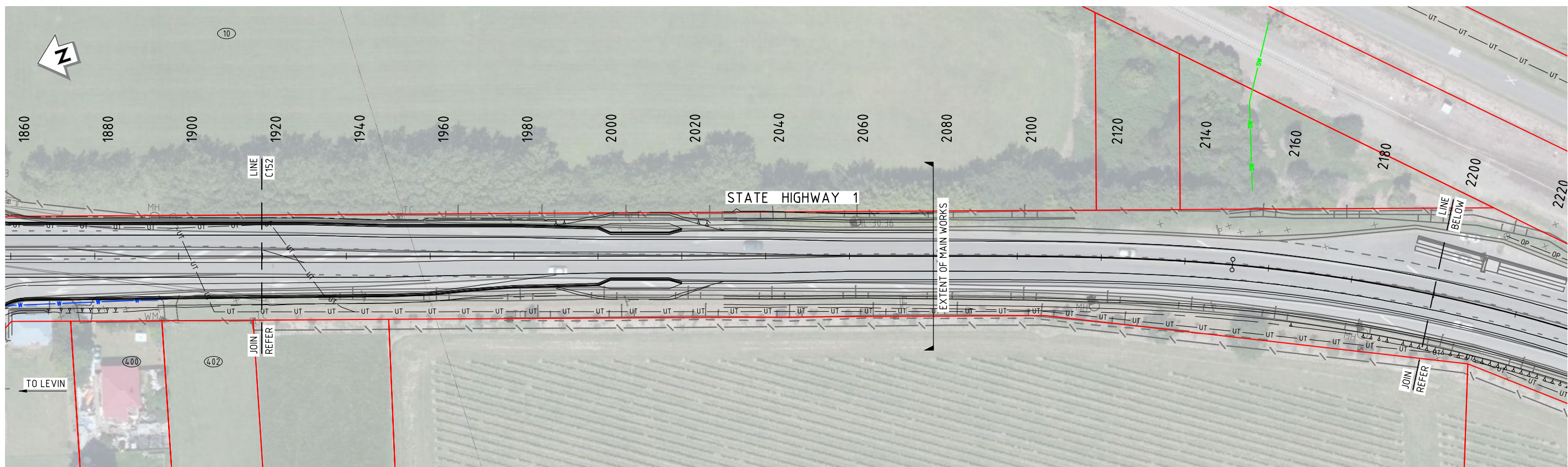
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 STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
 OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14
 EXISTING SURVEY, AERIAL, SERVICES AND FEATURES
 SHEET 2 OF 4

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200 mm
150
100
90
80
70
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0

ORIGINAL SIZE **A1**



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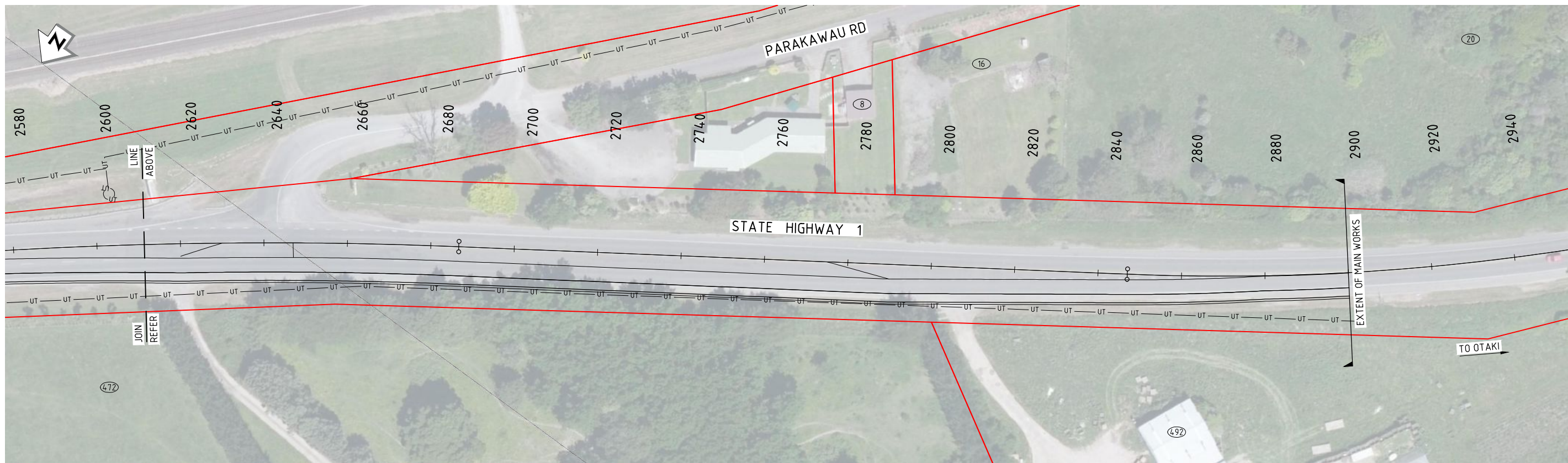
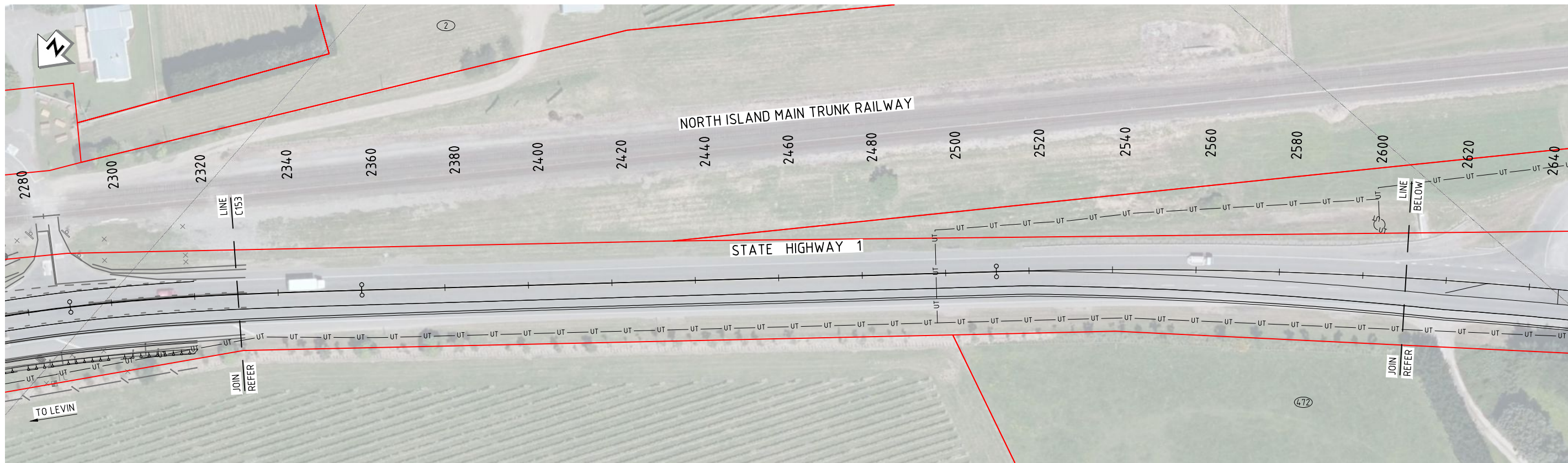
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 OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14
 EXISTING SURVEY, AERIAL, SERVICES AND FEATURES
 SHEET 3 OF 4

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200 mm
150
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90
80
70
60
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30
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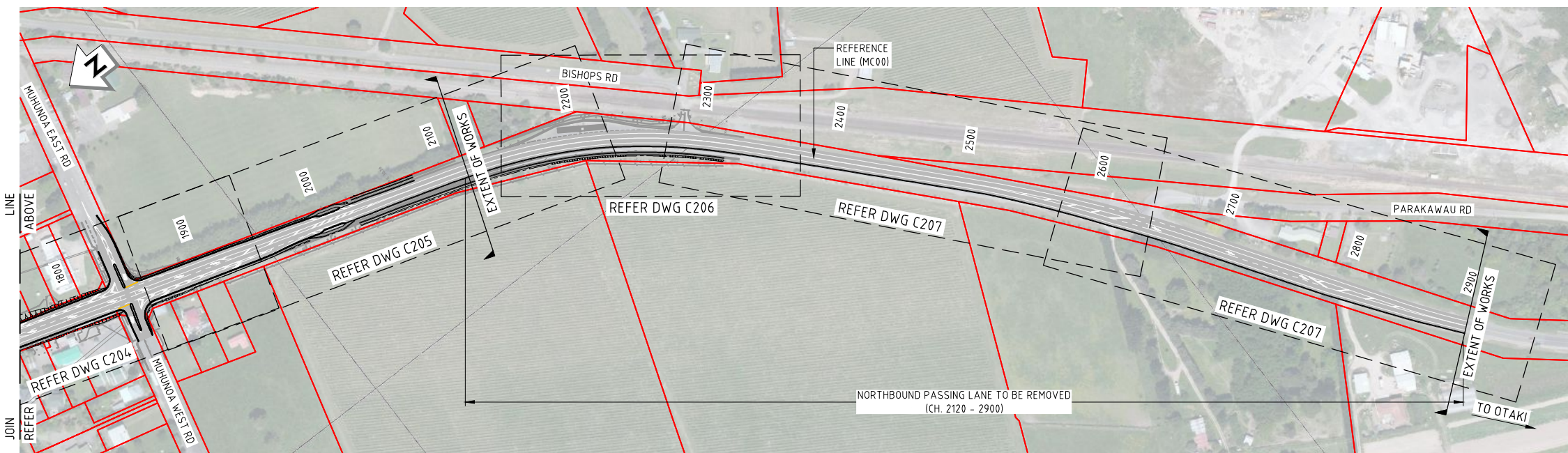
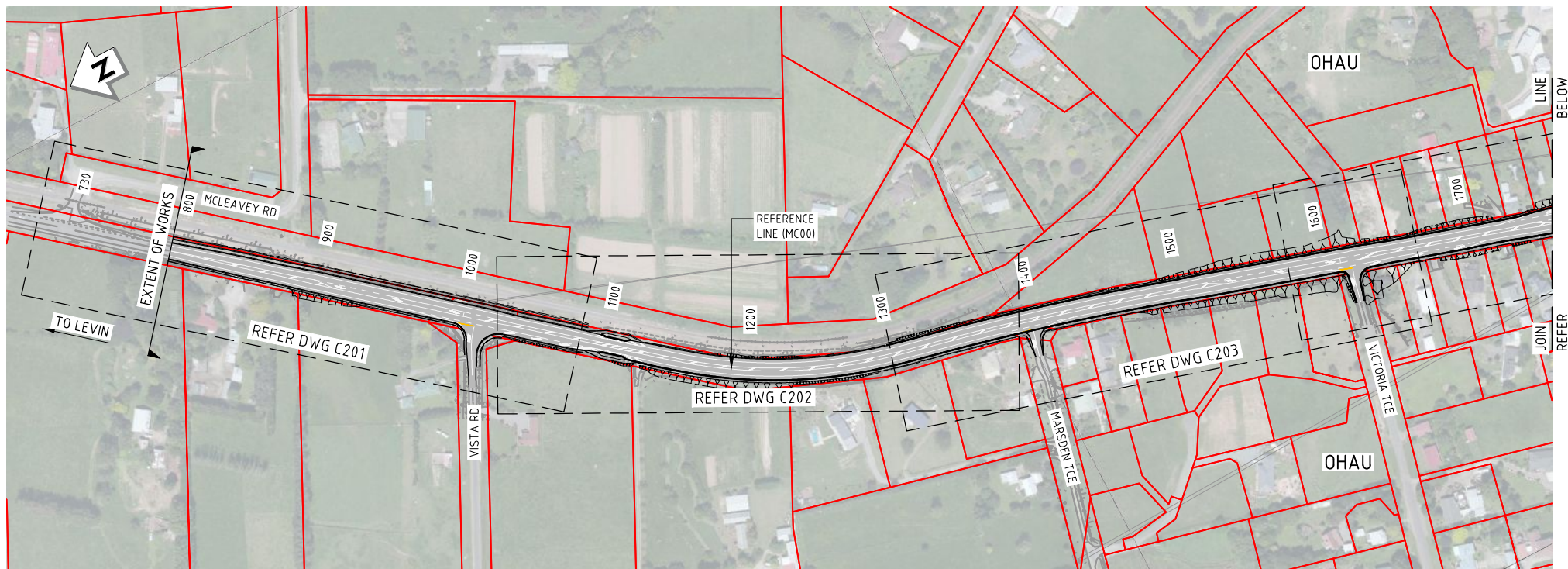
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 EXISTING SURVEY, AERIAL, SERVICES AND FEATURES
 SHEET 4 OF 4

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200 mm
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70
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50
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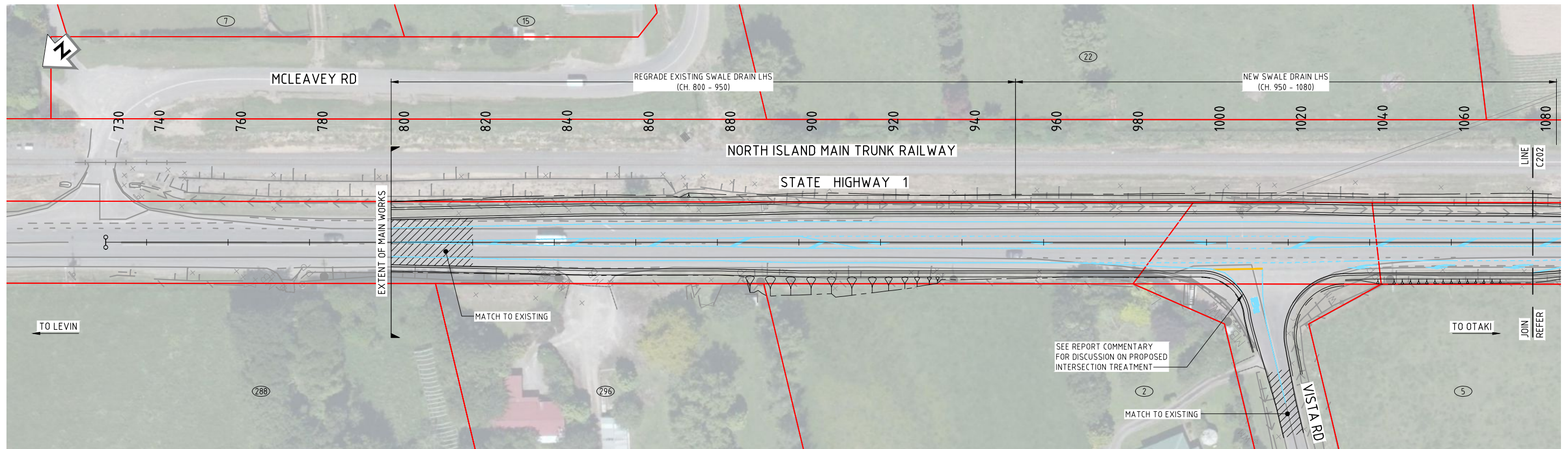
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STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14
SHEET LAYOUT PLAN

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1 : 2000
Drawing No.	80500902-02-0604-C200
Rev	A

DO NOT SCALE - IF IN DOUBT, ASK

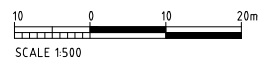
200 mm
150
100
90
80
70
60
50
40
30
20
10
0

ORIGINAL SIZE A1



PLAN
SCALE 1: 500

DATUM R.L. = 39.0	
-CUT/+FILL DEPTH	0.000
EXISTING LEVEL	43.439
DESIGN LEVEL	43.439
STATION (MC00)	800.0
VERTICAL GEOMETRY	
HORIZONTAL GEOMETRY	D=398.037
SUPERELEVATION LEFT	-2.662
SUPERELEVATION RIGHT	-2.329



LONG SECTION
SCALES - H 1: 500
V 1: 100

REV	DESCRIPTION	JWM	MD	PP	18.10.13
A	SCHEME ASSESSMENT	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		

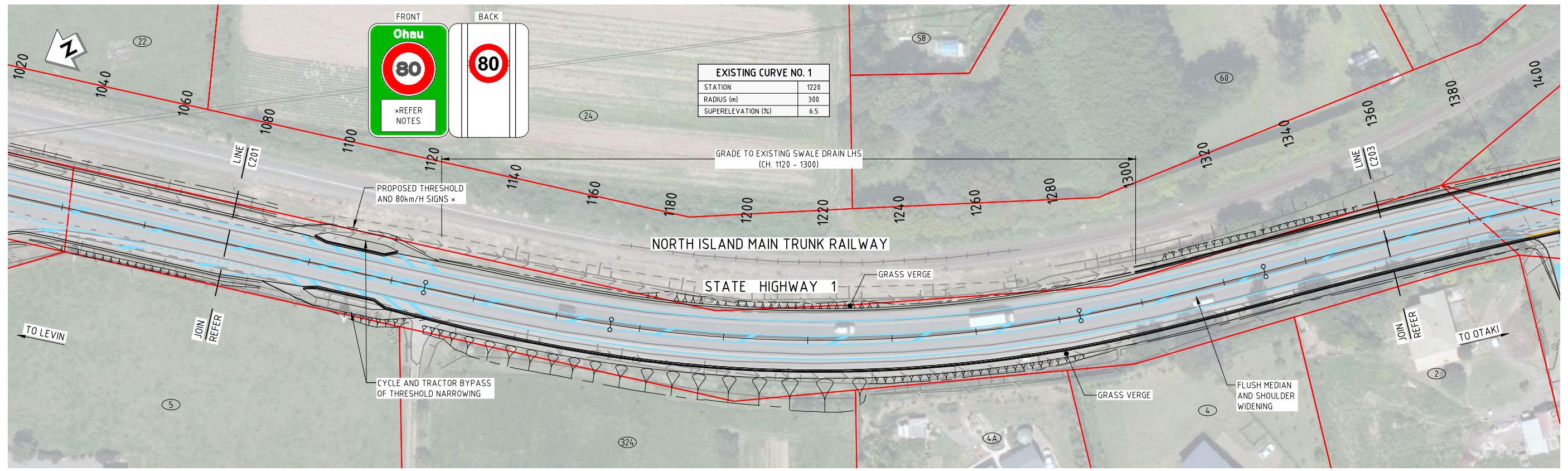


Client:
STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14
PLAN AND LONG SECTION
SHEET 1 OF 7

NOT FOR CONSTRUCTION	
Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scale	AS SHOWN
Drawing No.	80500902-02-0604-C201
Rev	A

DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1

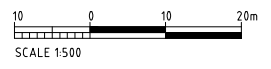


PLAN
SCALE 1: 500

* PROPOSED THRESHOLD TREATMENT SIGN DESIGN CAN POTENTIALLY BE DEVELOPED IN CONJUNCTION WITH THE OHAU COMMUNITY.

DATUM R.L. = 38.0	
- CUT/+ FILL DEPTH	0.000
EXISTING LEVEL	41.794
DESIGN LEVEL	41.794
STATION (MC00)	1080.0
VERTICAL GEOMETRY	
HORIZONTAL GEOMETRY	
SUPERELEVATION LEFT	-3.785
SUPERELEVATION RIGHT	-3.532

LONG SECTION
SCALES - H 1: 500
V 1: 100



NOT FOR CONSTRUCTION

REV	SCHEME ASSESSMENT	JWM	MD	PP	18.10.13
REV	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		

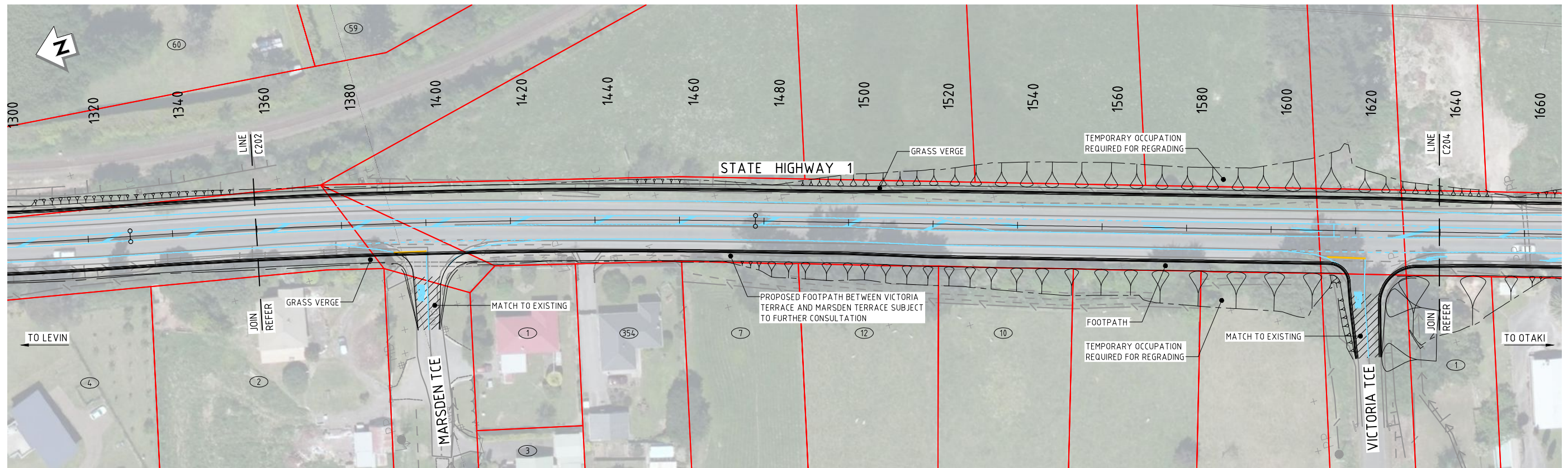


Client:
STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14
PLAN AND LONG SECTION
SHEET 2 OF 7

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scale	AS SHOWN
Drawing No.	80500902-02-0604-C202
Rev	A

ORIGINAL SIZE A1

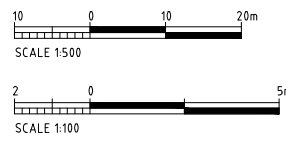
DO NOT SCALE - IF IN DOUBT, ASK



PLAN
SCALE 1: 500

DATUM R.L. = 35.0	
-CUT/+FILL DEPTH	0.000
EXISTING LEVEL	42.933
DESIGN LEVEL	42.933
STATION (MC00)	1360.0
VERTICAL GEOMETRY	
HORIZONTAL GEOMETRY	R=1800.000 L=148.008
SUPERELEVATION LEFT	-2.951
SUPERELEVATION RIGHT	-2.951

LONG SECTION
SCALE - H 1: 500
V 1: 100



NOT FOR CONSTRUCTION

REV	DESCRIPTION	JWM	MD	PP	18.10.13
REV	REVISIONS	DRN	CHK	APP	DATE
A	SCHEME ASSESSMENT				

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		

Client:

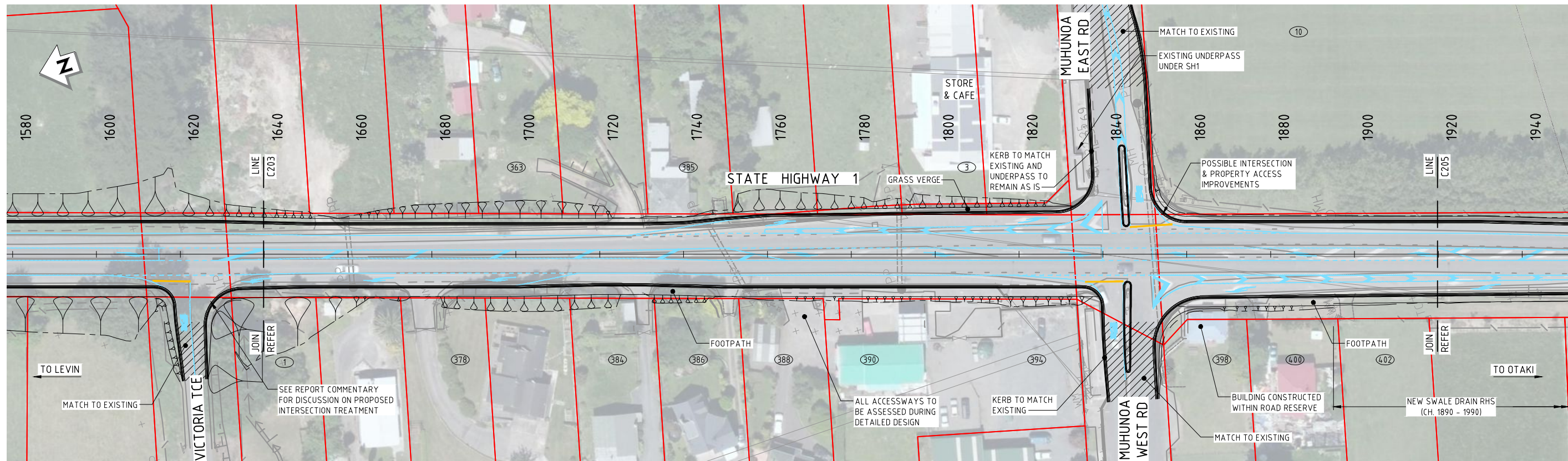
STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

PLAN AND LONG SECTION
SHEET 3 OF 7

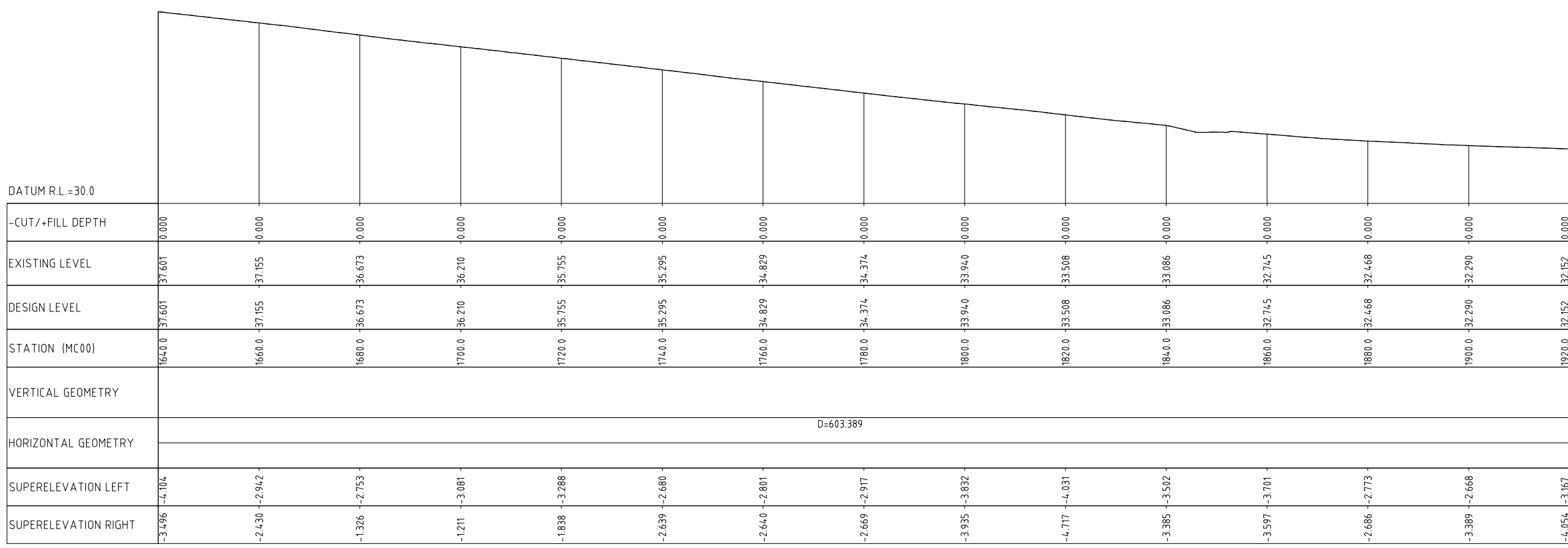
Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scale	AS SHOWN
Drawing No.	80500902-02-0604-C203
Rev	A

ORIGINAL SIZE A1

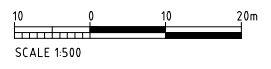
200 mm DO NOT SCALE - IF IN DOUBT, ASK



PLAN
SCALE 1:500



LONG SECTION
SCALES - H 1: 500
V 1: 100



NOT FOR CONSTRUCTION

REV	DESCRIPTION	JWM	MD	PP	18.10.13
A	SCHEME ASSESSMENT	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		

Client:

STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

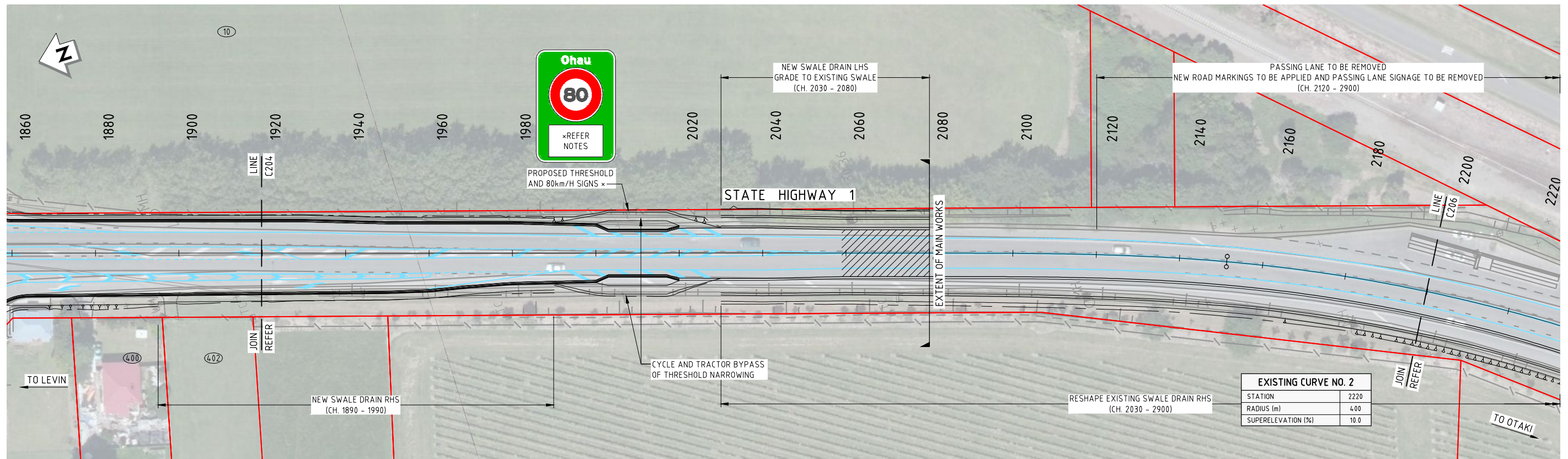
PLAN AND LONG SECTION
SHEET 4 OF 7

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	AS SHOWN
Drawing No.	80500902-02-0604-C204
Rev	A

DO NOT SCALE - IF IN DOUBT, ASK

200 mm
150
100
90
80
70
60
50
40
30
20
10
0

ORIGINAL SIZE A1

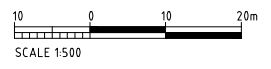


EXISTING CURVE NO. 2	
STATION	2220
RADIUS (m)	4.00
SUPERELEVATION (%)	10.0

x PROPOSED THRESHOLD TREATMENT SIGN DESIGN CAN POTENTIALLY BE DEVELOPED IN CONJUNCTION WITH THE OHAU COMMUNITY.

PLAN
SCALE 1: 500

DATUM R.L.=29.0	
-CUT/+FILL DEPTH	0.000
EXISTING LEVEL	32.152
DESIGN LEVEL	32.152
STATION (MC00)	1920.0
VERTICAL GEOMETRY	
HORIZONTAL GEOMETRY	D=603.389
SUPERELEVATION LEFT	-3.167
SUPERELEVATION RIGHT	-4.054



LONG SECTION
SCALES - H 1: 500
V 1: 100

NOT FOR CONSTRUCTION

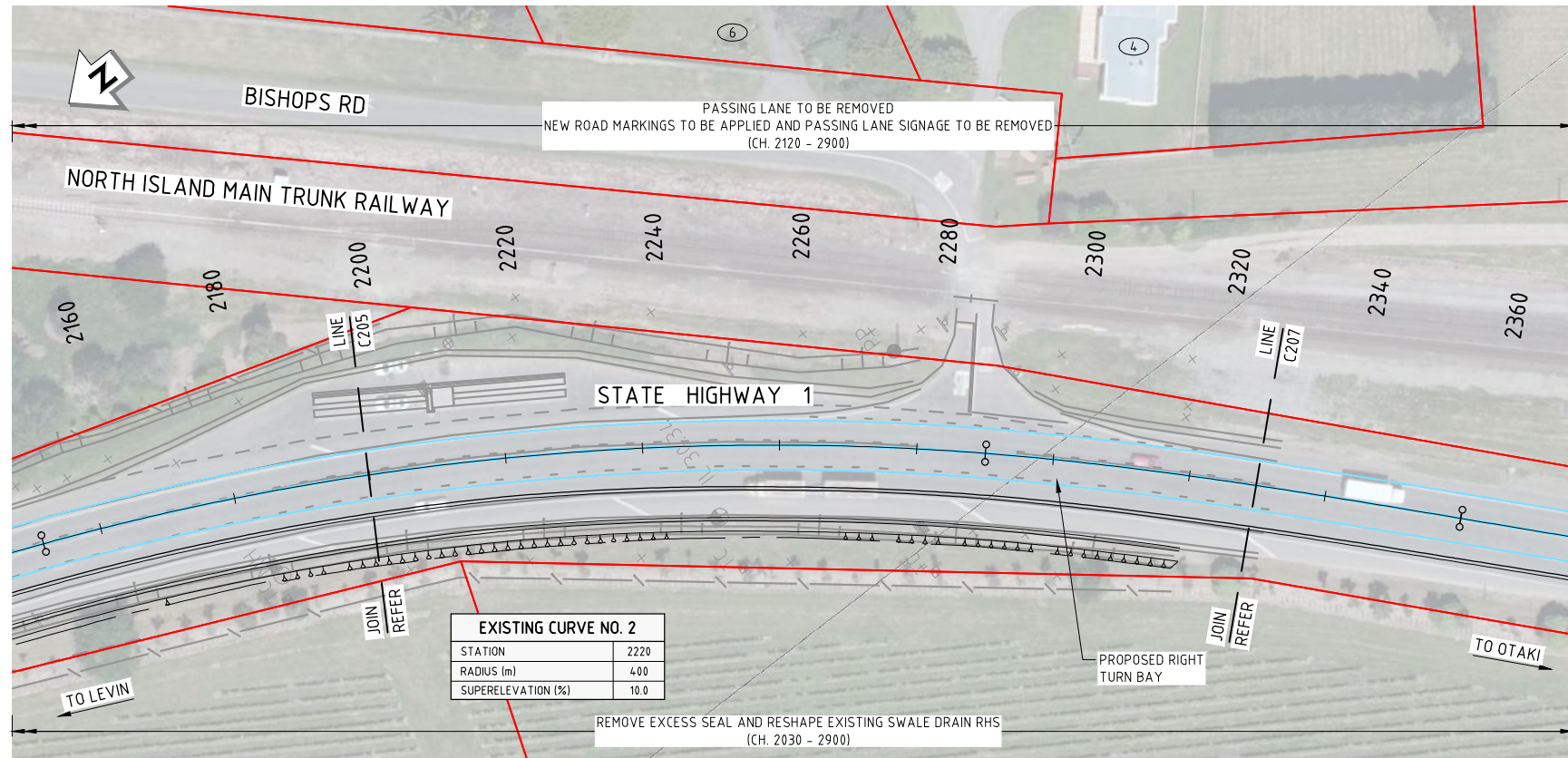
REV	DESCRIPTION	JWM	MD	PP	18.10.13
DRN	CHK	APP	DATE		
A	SCHEME ASSESSMENT				
	REVISIONS				

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		



Client:
STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14
PLAN AND LONG SECTION
SHEET 5 OF 7

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scale	AS SHOWN
Drawing No.	80500902-02-0604-C205
Rev	A



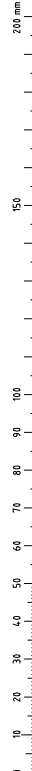
DATUM R.L.=29.0

-CUT/+FILL DEPTH	0.000	-0.000	-0.000	-0.000	-0.000	-0.000	-0.000
EXISTING LEVEL	31.731	31.684	31.687	31.672	31.626	31.515	31.433
DESIGN LEVEL	31.731	31.684	31.687	31.672	31.626	31.515	31.433
STATION (MC00)	2220.0	2220.0	2240.0	2260.0	2280.0	2300.0	2320.0
VERTICAL GEOMETRY							
HORIZONTAL GEOMETRY	R=400.000 L=138.702					CL=70.000	
SUPERELEVATION LEFT	10.494	10.679	10.126	8.314	6.627	5.008	
SUPERELEVATION RIGHT	-10.450	-10.339	-10.372	-9.830	-9.056	-6.577	

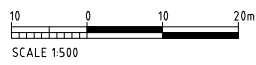
LONG SECTION

SCALES - H 1: 500
V 1: 100

DO NOT SCALE - IF IN DOUBT, ASK



ORIGINAL SIZE A1



NOT FOR CONSTRUCTION

REV	SCHEME ASSESSMENT	JWM	MD	PP	18.10.13
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		

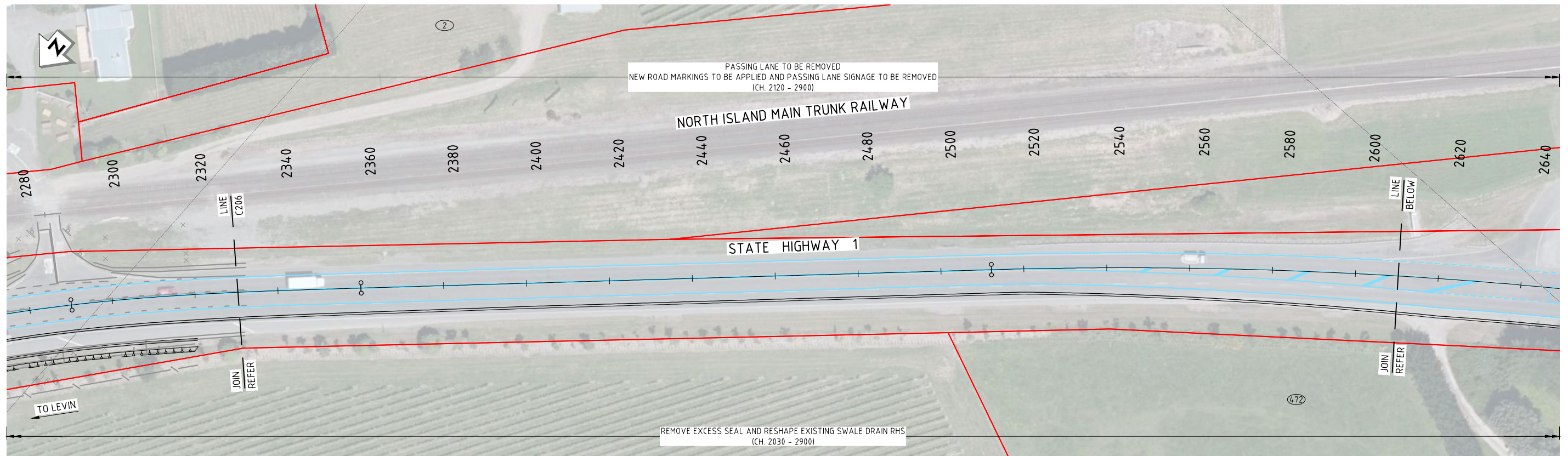


Client:
STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14
PLAN AND LONG SECTION
SHEET 6 OF 7

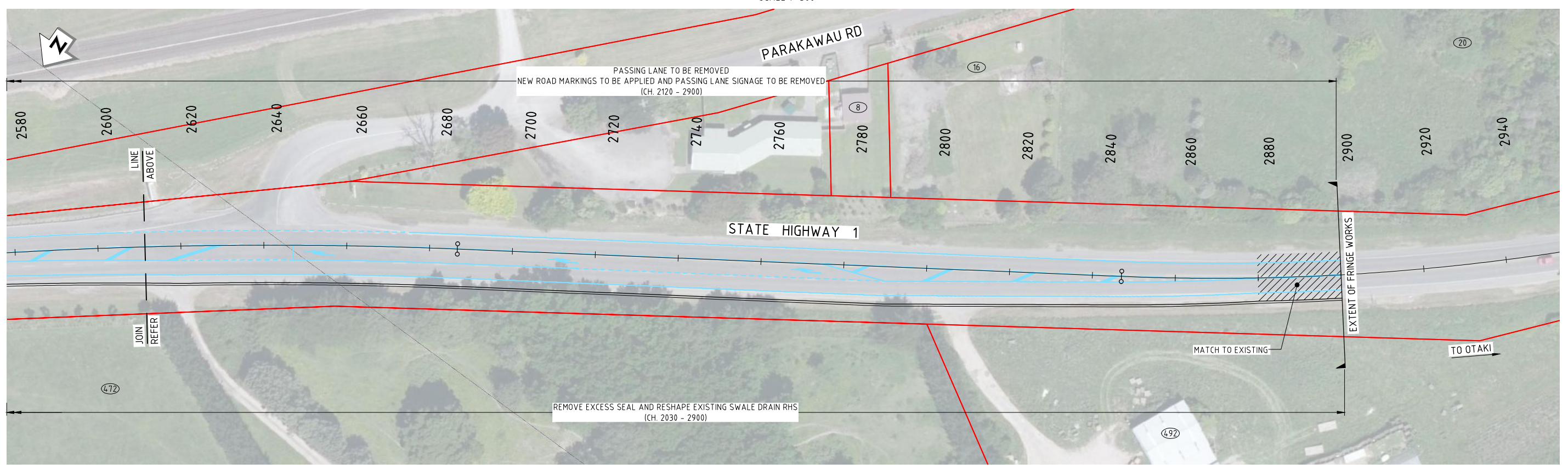
Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	AS SHOWN
Drawing No.	80500902-02-0604-C206
Rev	A

DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1



PLAN
SCALE 1: 500



PLAN
SCALE 1: 500



REV	SCHEME ASSESSMENT	JWM	MD	PP	18.10.13
REV	REVISIONS	DRN	CHK	APP	DATE

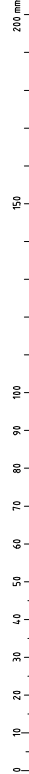
SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		



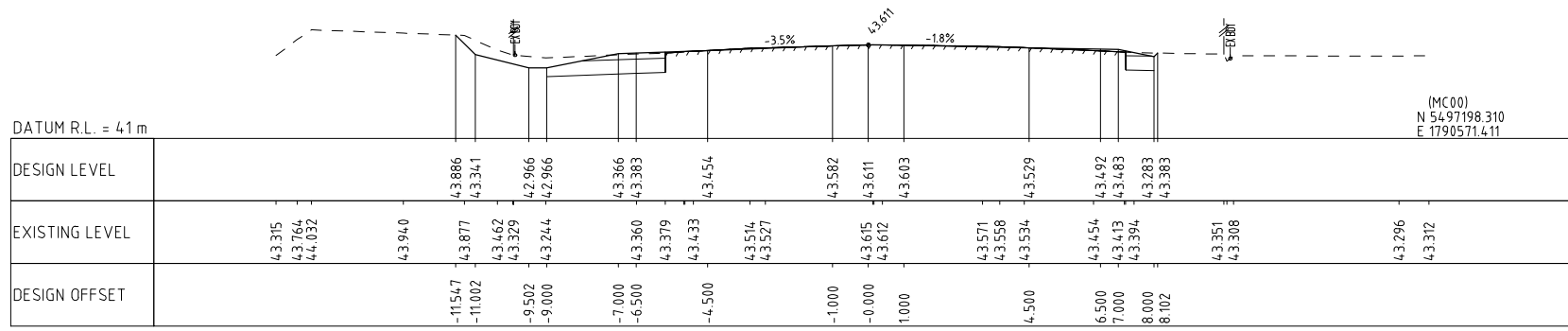
Client:
STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14
PLAN AND LONG SECTION
SHEET 7 OF 7

Status Stamp	NOT FOR CONSTRUCTION
	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scale	AS SHOWN
Drawing No.	80500902-02-0604-C207
Rev	A

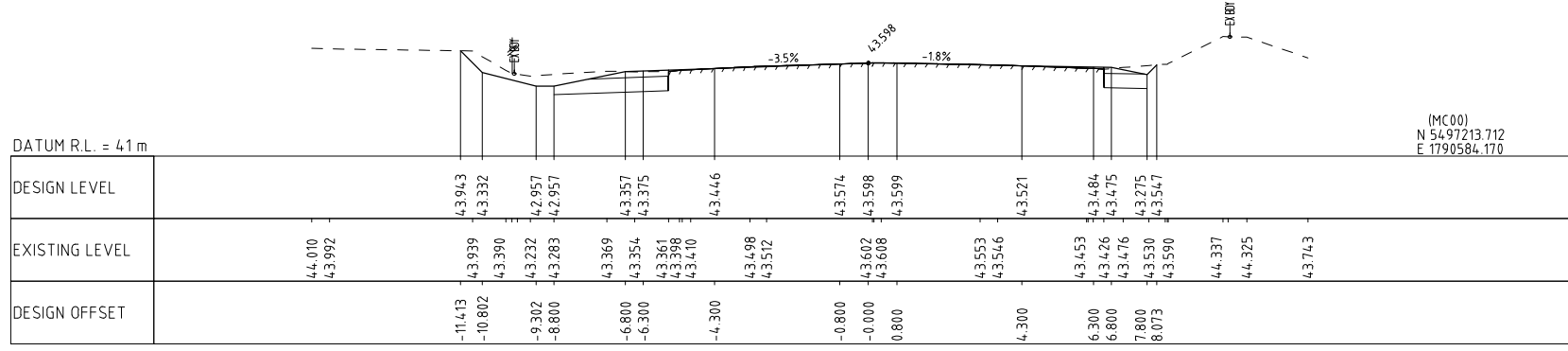
DO NOT SCALE - IF IN DOUBT, ASK



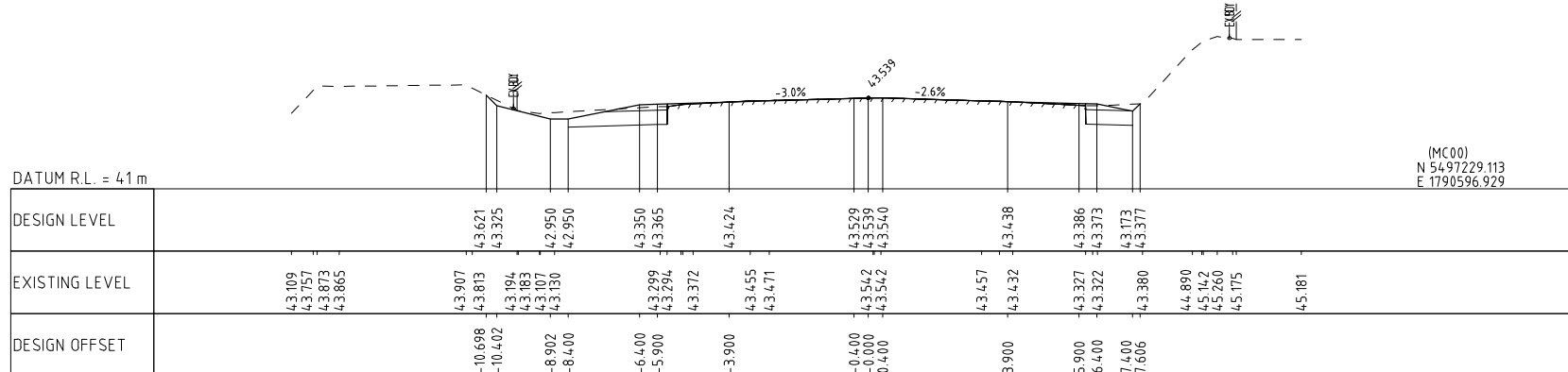
ORIGINAL SIZE A1



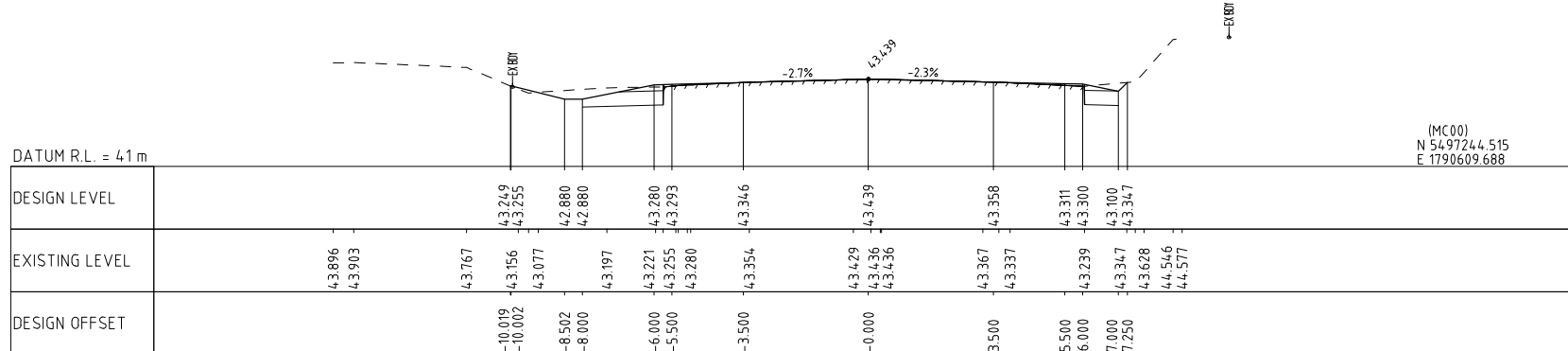
STATION 860



STATION 840



STATION 820



STATION 800

NOT FOR CONSTRUCTION

REV	DESCRIPTION	JWM	MD	PP	DATE
A	SCHEME ASSESSMENT				18.10.13
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		



STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

CROSS SECTIONS
SHEET 1 OF 20

Status Stamp	SCHEME ASSESSMENT	
Date Stamp	18.10.13	
Scales	1 : 100	
Drawing No.	80500902-02-0604-C 301	Rev
		A

DO NOT SCALE - IF IN DOUBT, ASK

200 mm

150

100

90

80

70

60

50

40

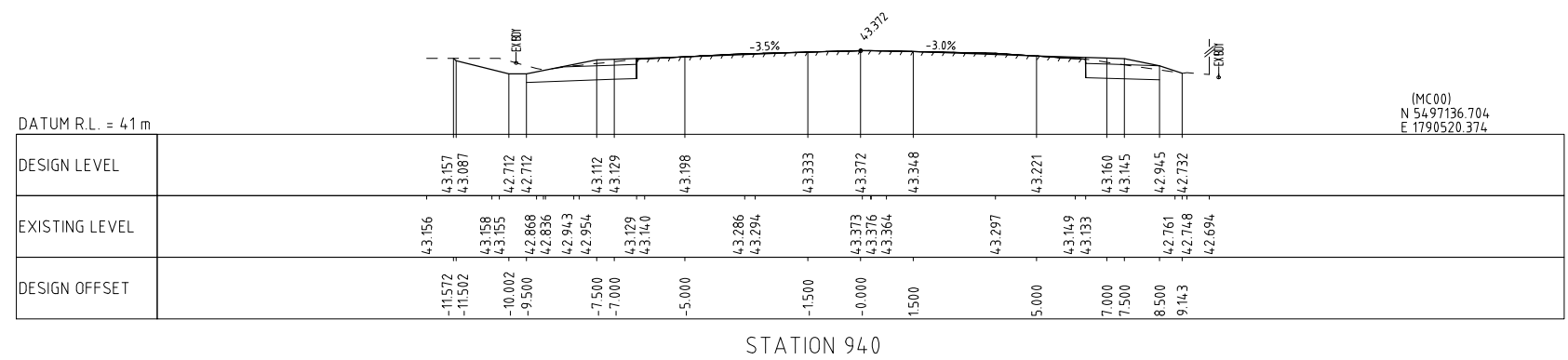
30

20

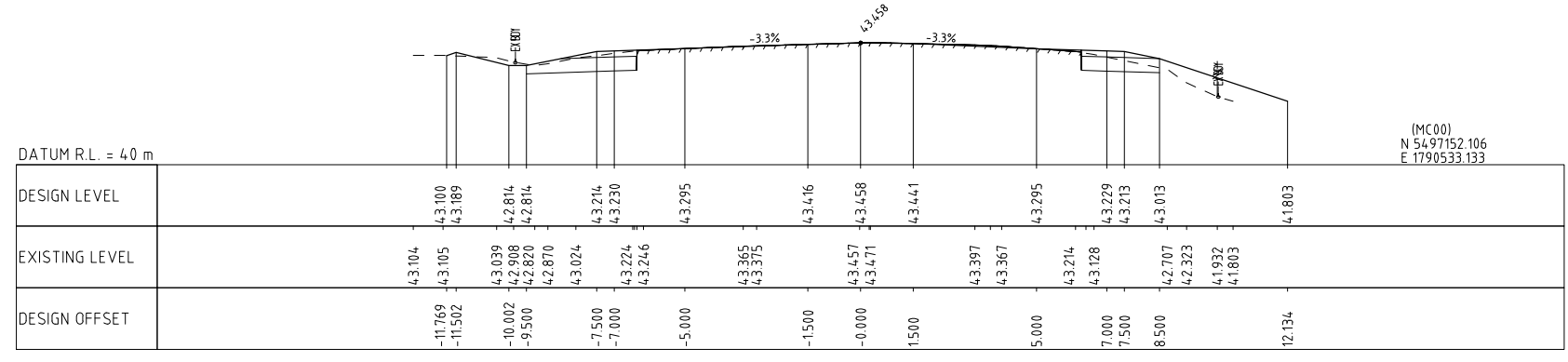
10

0

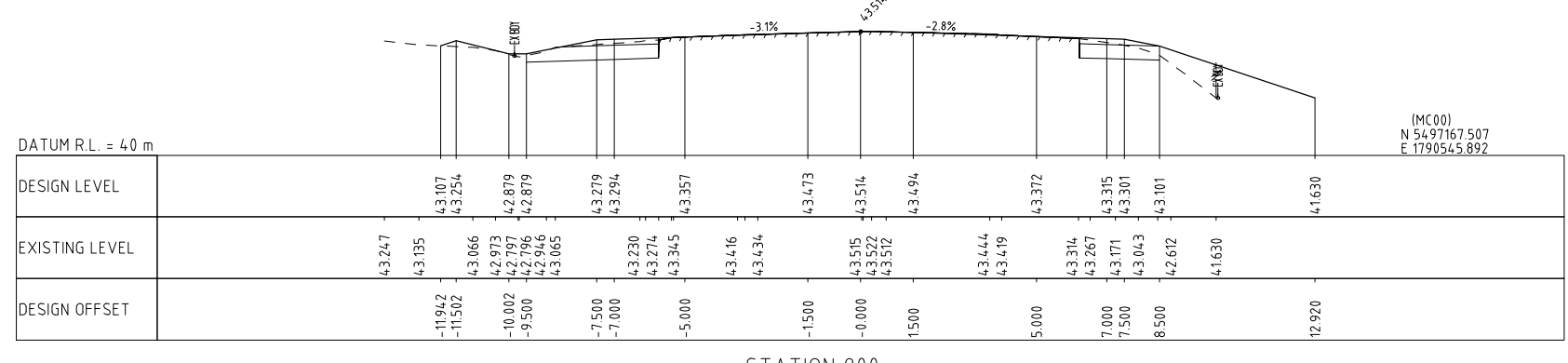
ORIGINAL SIZE A1



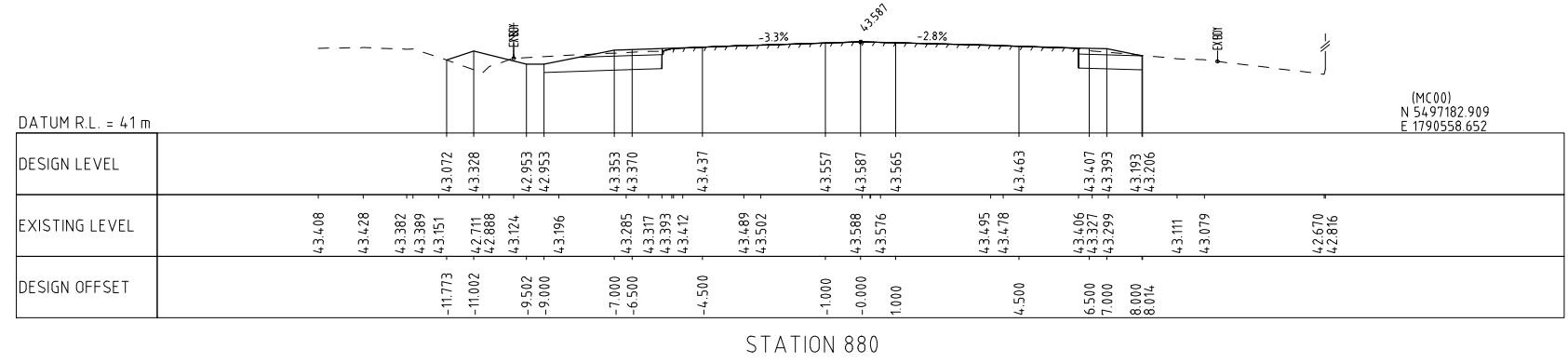
STATION 940



STATION 920



STATION 900



STATION 880

NOT FOR CONSTRUCTION

REV	DESCRIPTION	JWM	MD	PP	18.10.13
	REVISIONS	DRN	CHK	APP	DATE
A	SCHEME ASSESSMENT				

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		

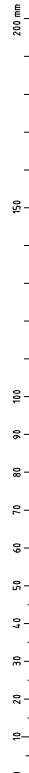


Client: STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

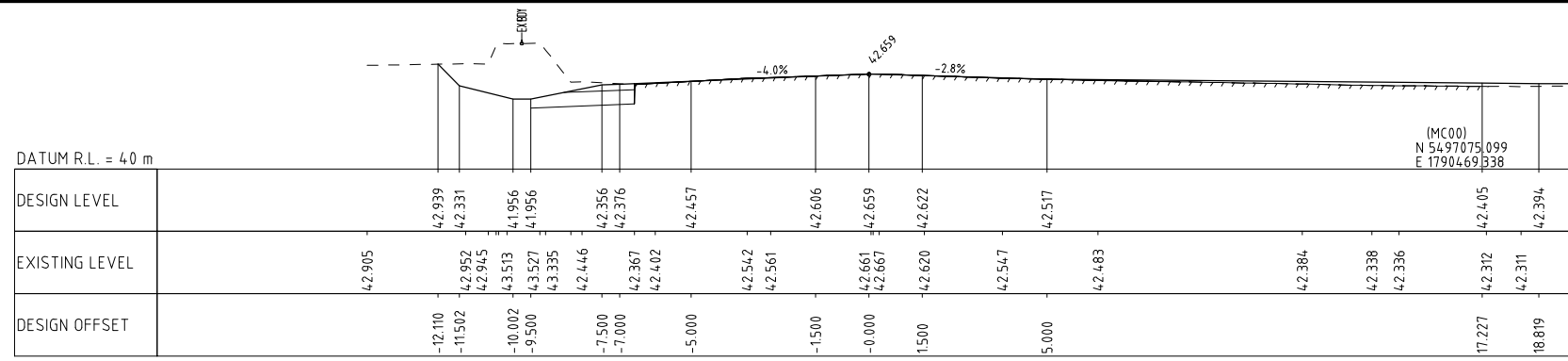
CROSS SECTIONS
SHEET 2 OF 20

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scale	1:100
Drawing No.	80500902-02-0604-C 302
Rev	A

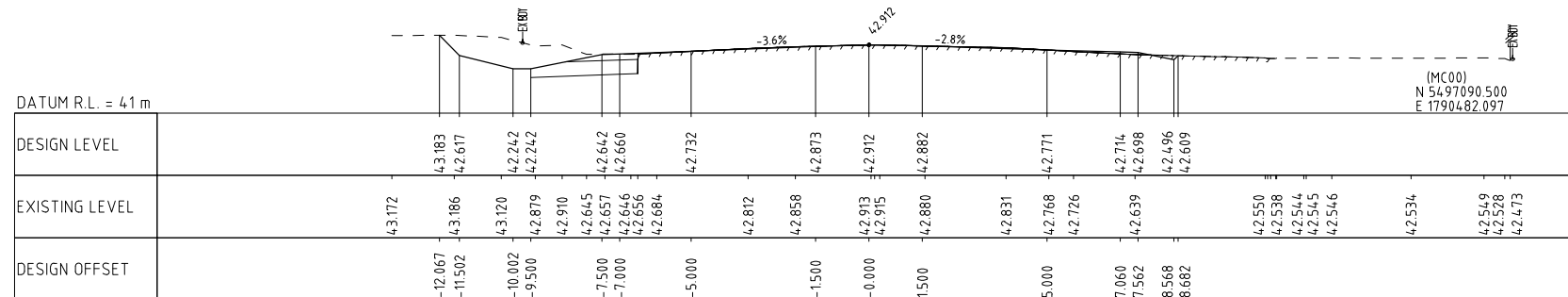
DO NOT SCALE - IF IN DOUBT, ASK



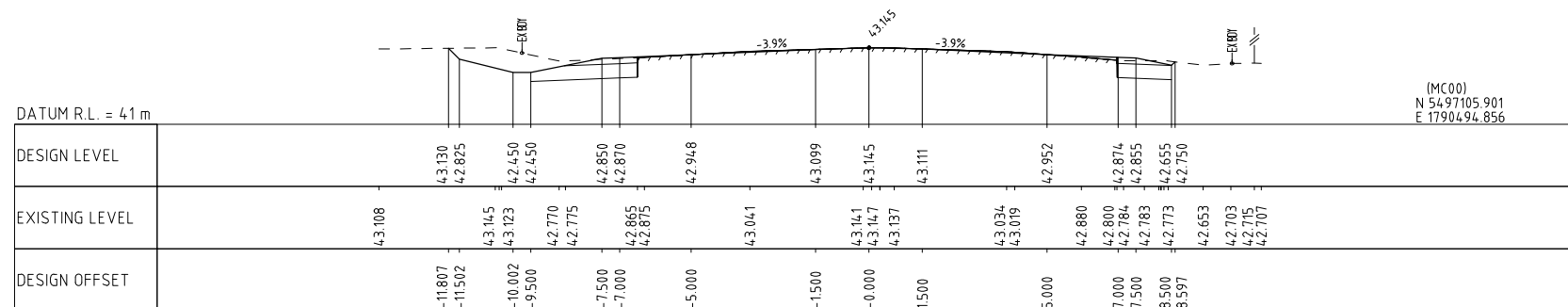
ORIGINAL SIZE A1



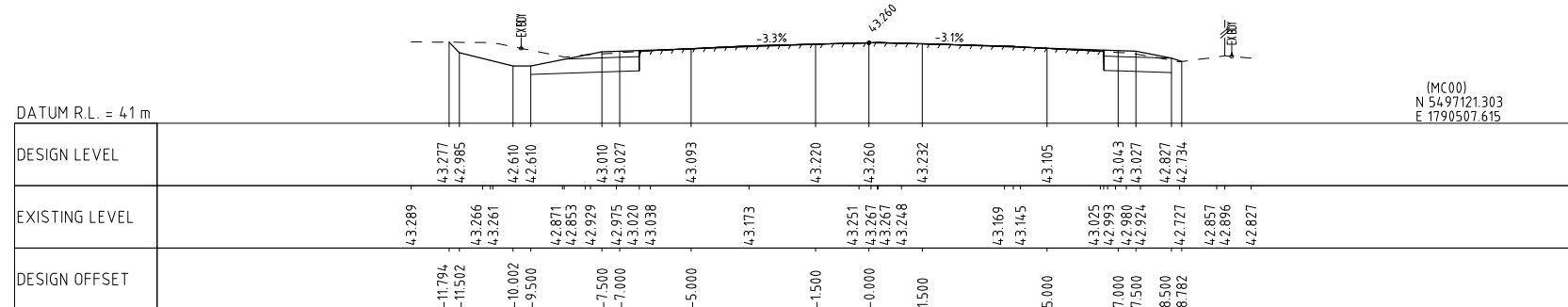
STATION 1020



STATION 1000



STATION 980



STATION 960

REV	SCHEME ASSESSMENT	JWM	MD	PP	18.10.13
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION:		

Client:

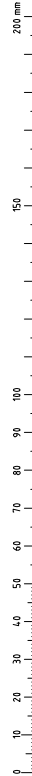
STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

CROSS SECTIONS
SHEET 3 OF 20

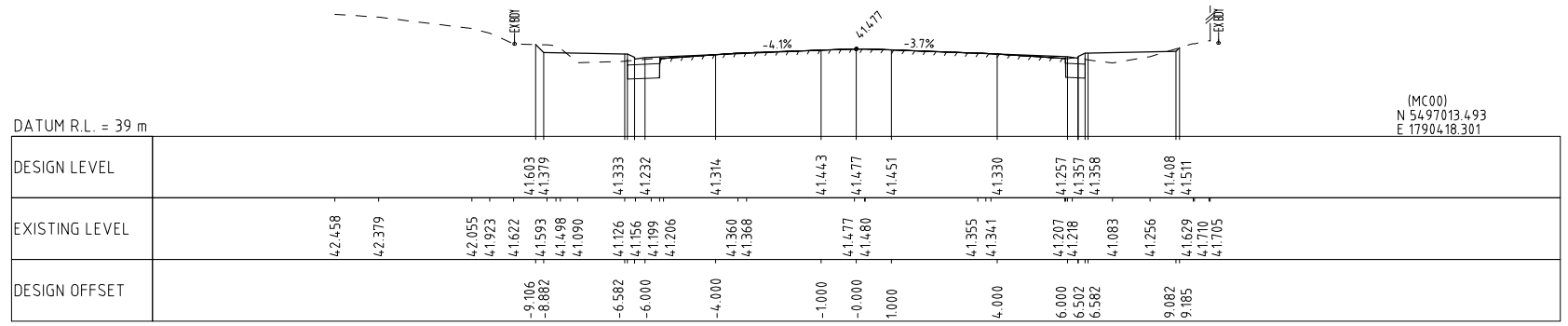
Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1 : 100
Drawing No.	80500902-02-0604-C303
Rev	A

NOT FOR CONSTRUCTION

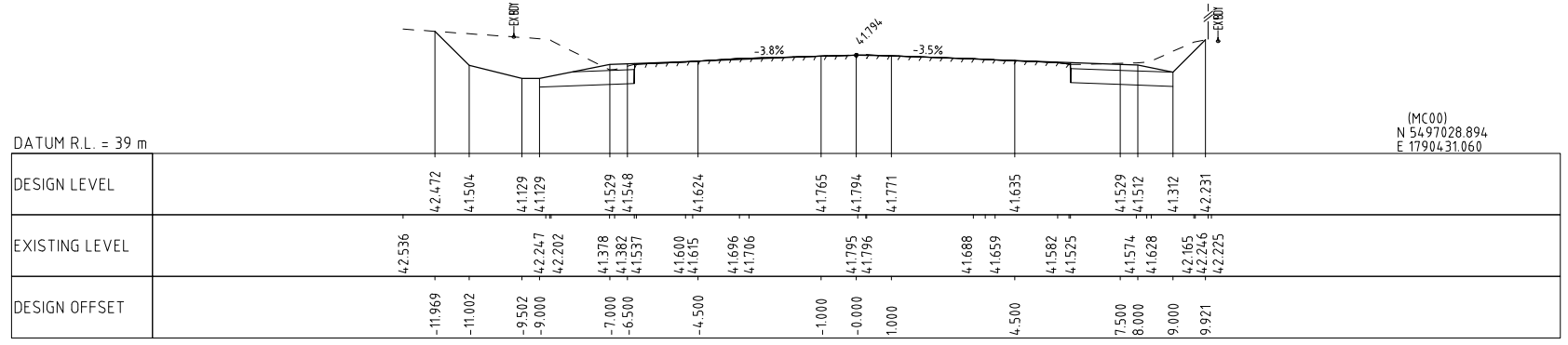
DO NOT SCALE - IF IN DOUBT, ASK



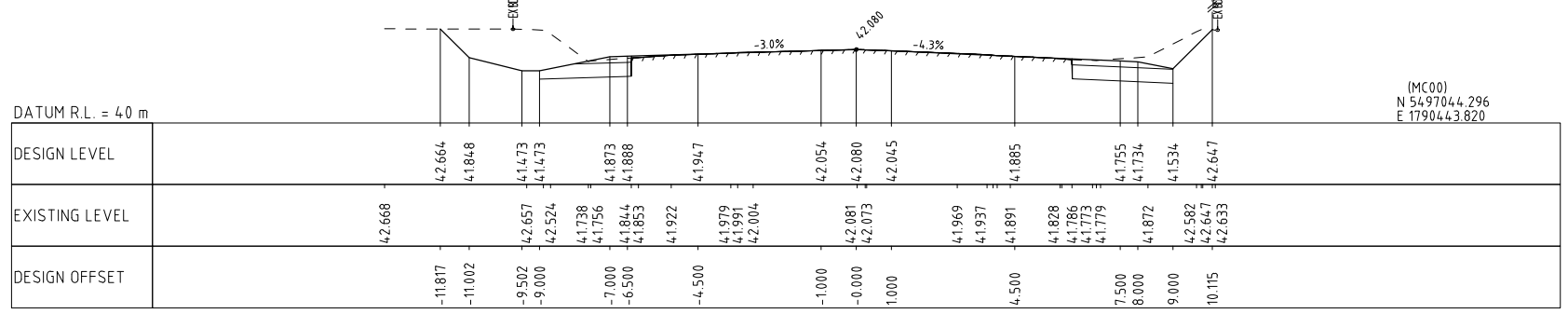
ORIGINAL SIZE A1



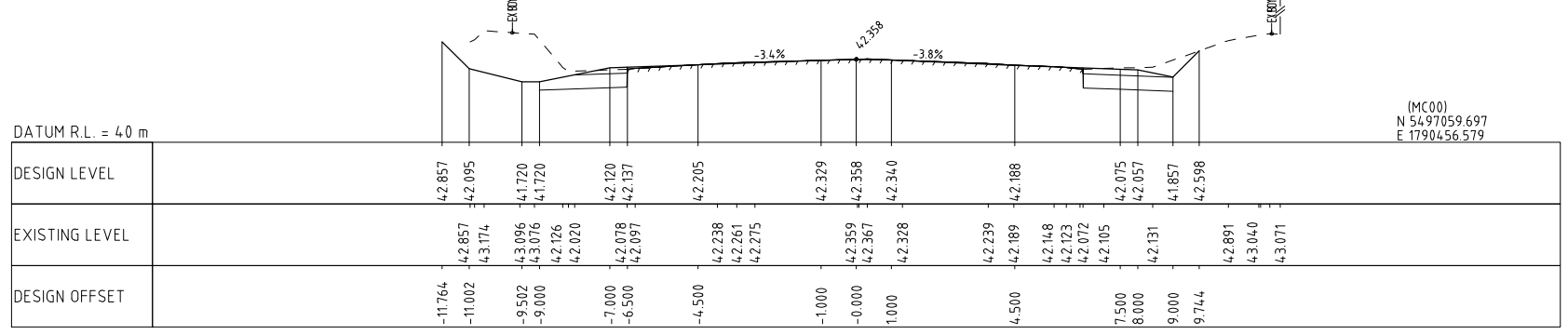
STATION 1100



STATION 1080



STATION 1060



STATION 1040

REV	SCHEME ASSESSMENT	JWM	MD	PP	18.10.13
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION:		

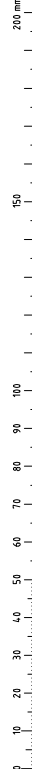


Client: STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

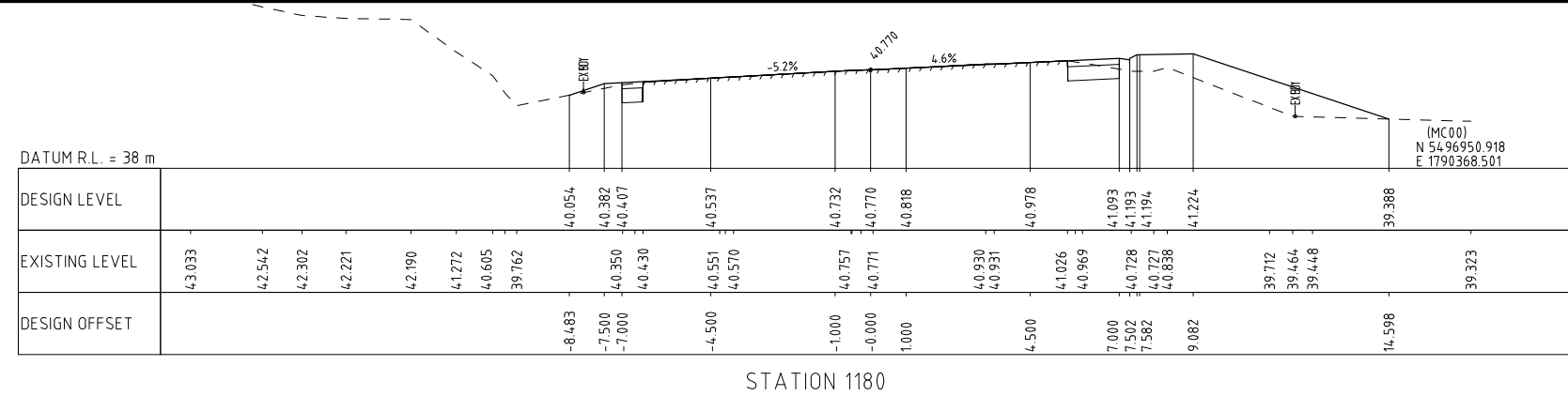
CROSS SECTIONS
SHEET 4 OF 20

Status Stamp	NOT FOR CONSTRUCTION
	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1 : 100
Drawing No.	80500902-02-0604-C304
Rev	A

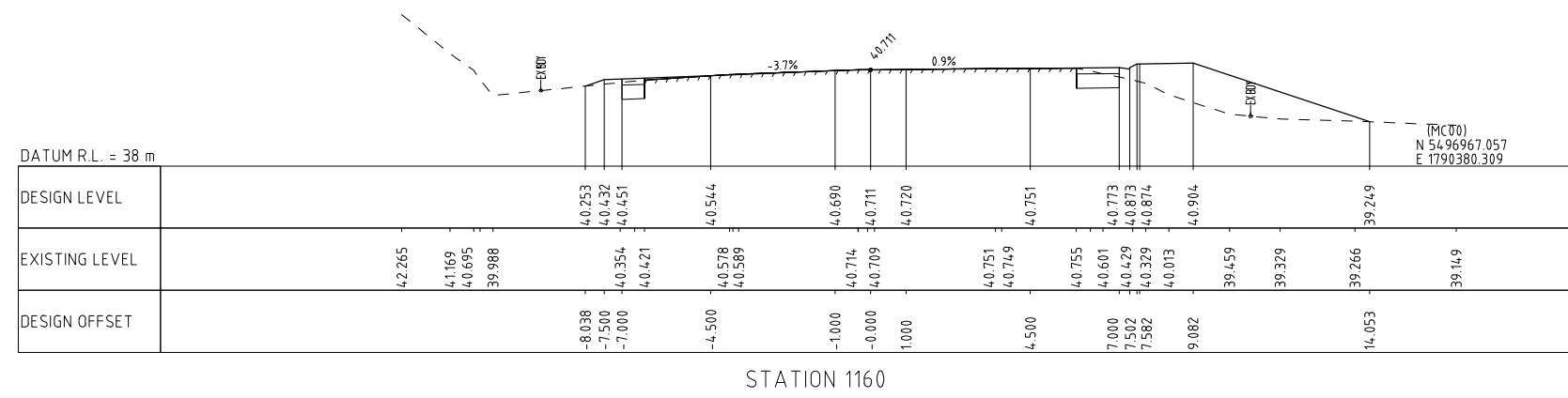
DO NOT SCALE - IF IN DOUBT, ASK



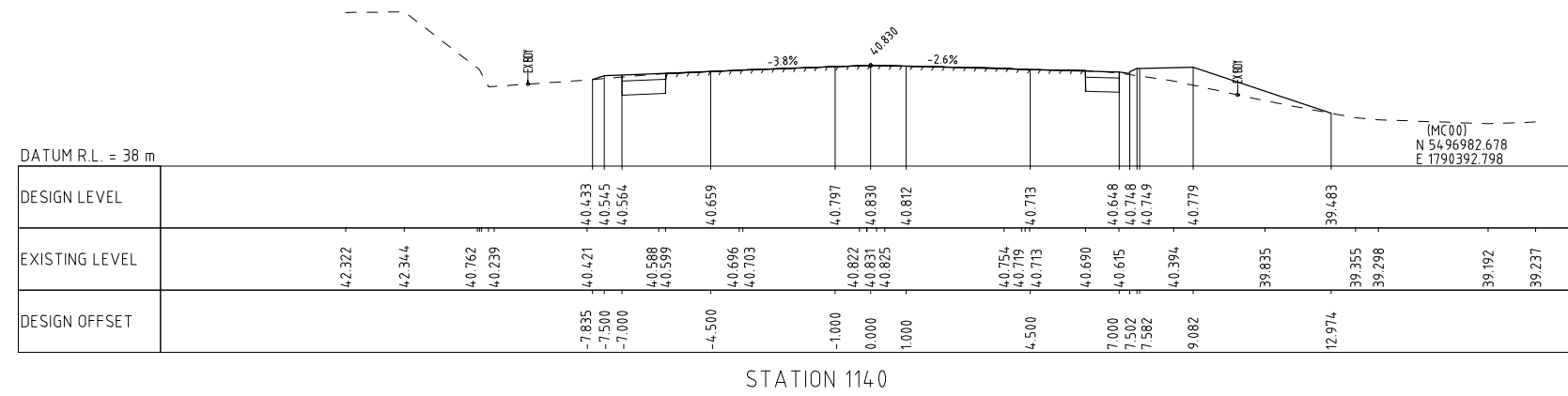
ORIGINAL SIZE A1



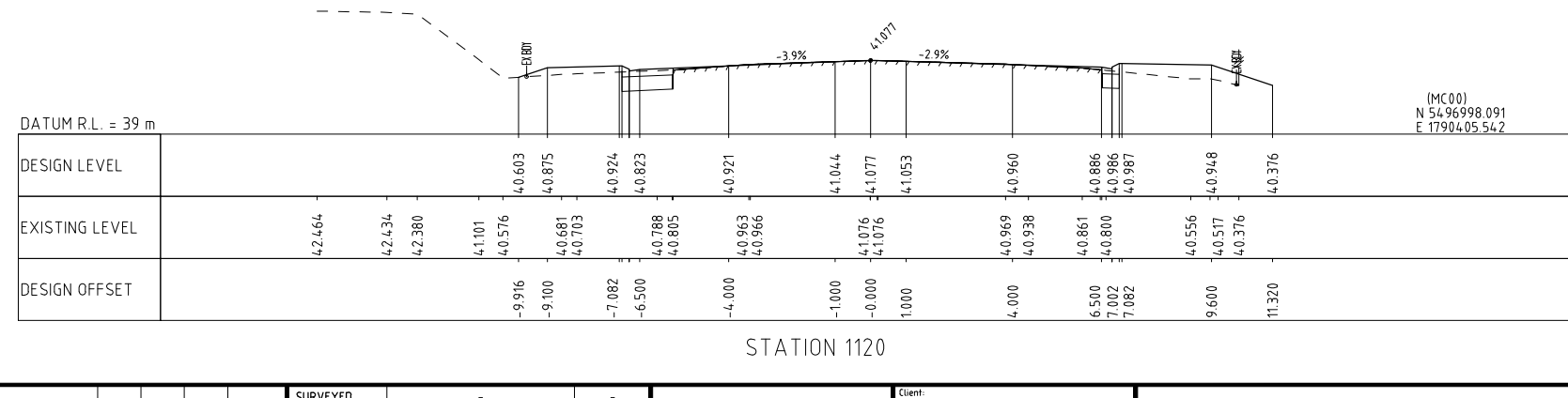
STATION 1180



STATION 1160



STATION 1140



STATION 1120



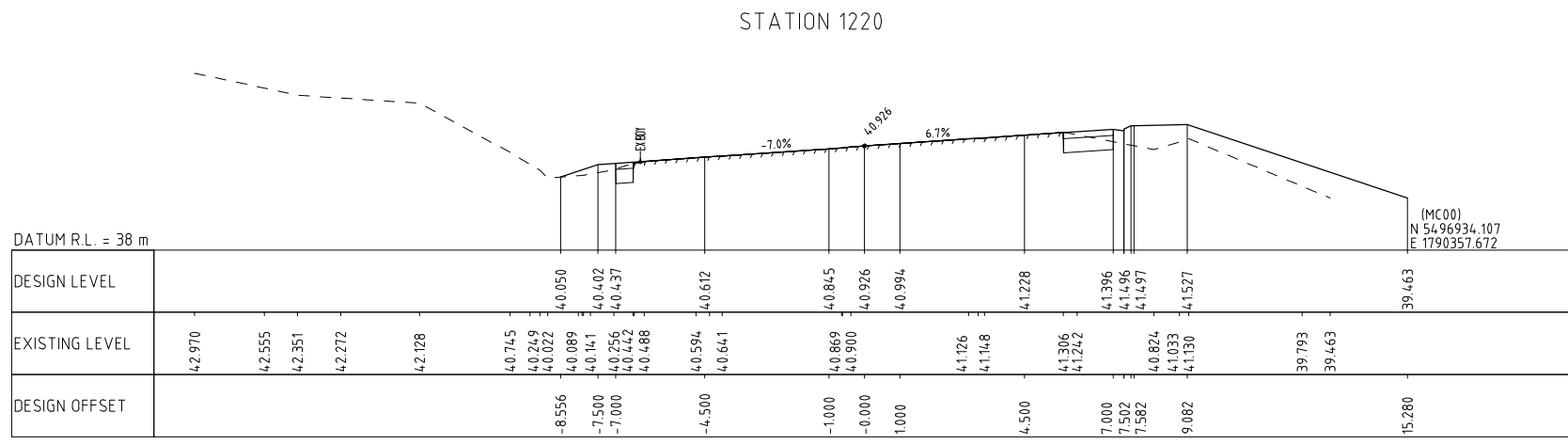
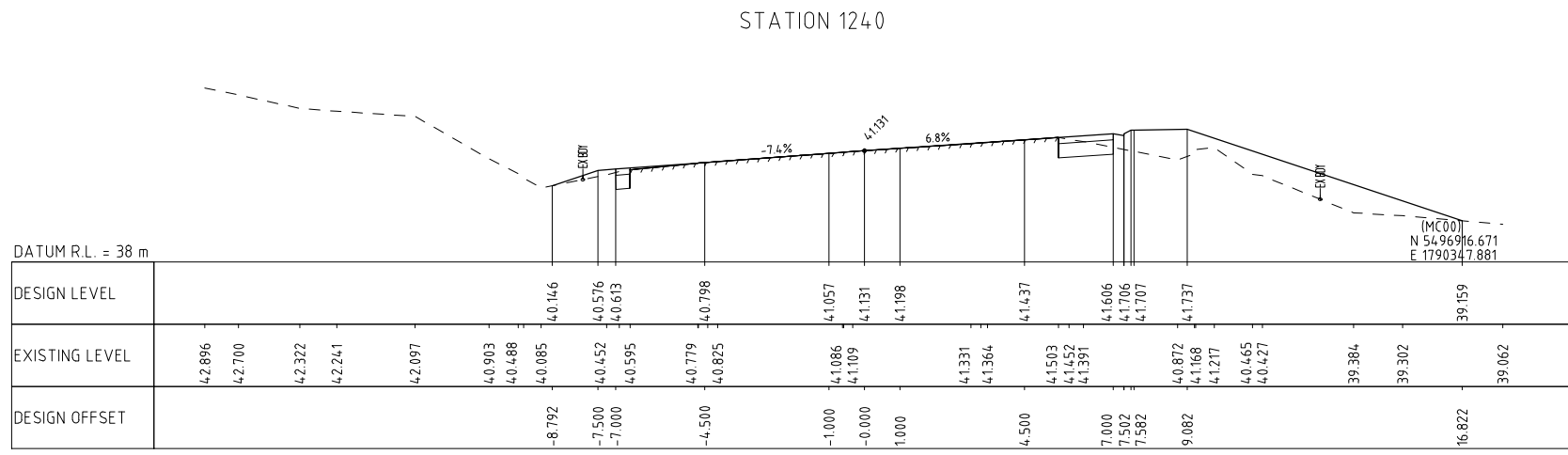
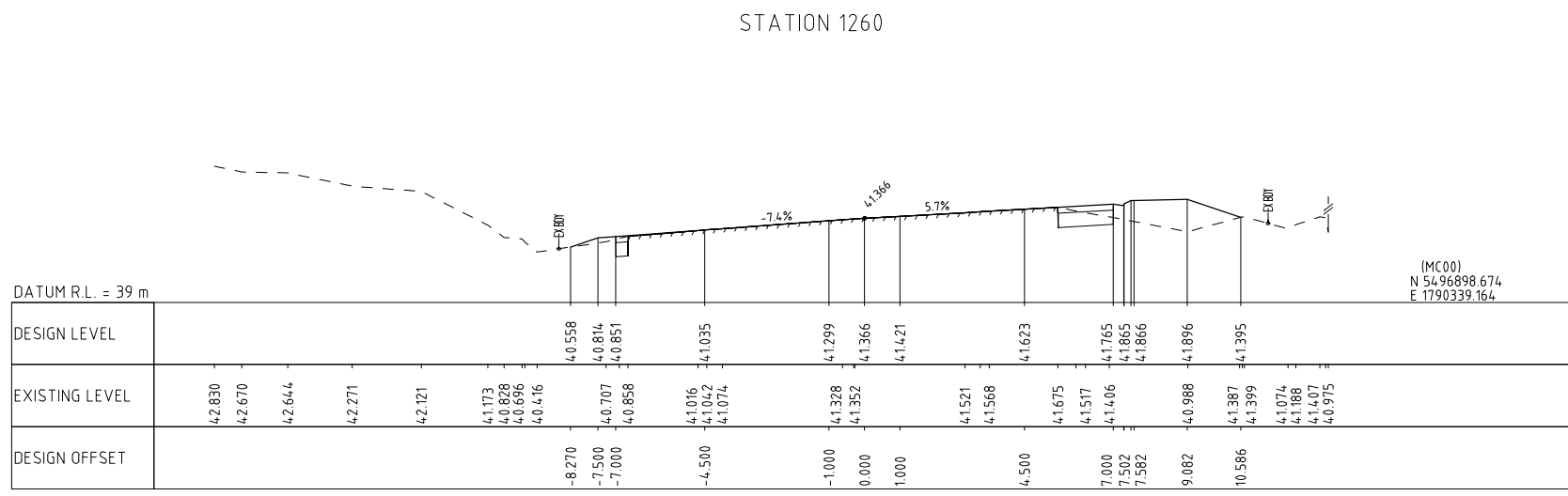
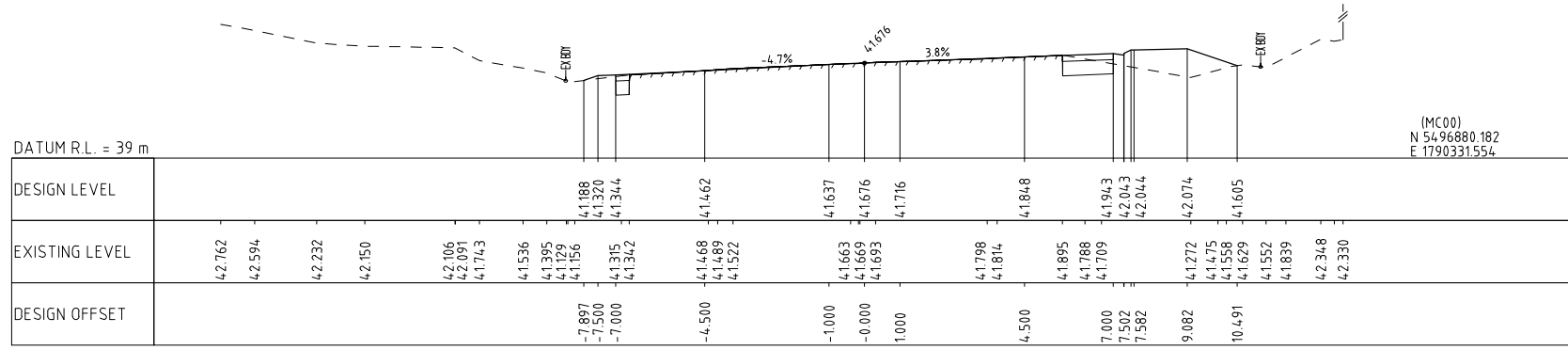
Client	STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14	Status Stamp SCHEME ASSESSMENT
DESIGNED	Barbara Browne 09/13	Date Stamp 18.10.13
DRAWN	Joseph Mitchell 09/13	Scales 1:100
CAD REVIEW		Drawing No. 80500902-02-0604-C 305
DESIGN CHECK		Rev. A
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION:		



Rev	
DESCRIPTION	
DATE	

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ORIGINAL SIZE A1



(MC00)
N 54,96880.182
E 1790331.554

(MC00)
N 54,96898.674
E 1790339.164

(MC00)
N 54,96916.671
E 1790347.881

(MC00)
N 54,96934.107
E 1790357.672

NOT FOR CONSTRUCTION

REV	SCHEME ASSESSMENT	JWM	MD	PP	18.10.13
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		

Client:

STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

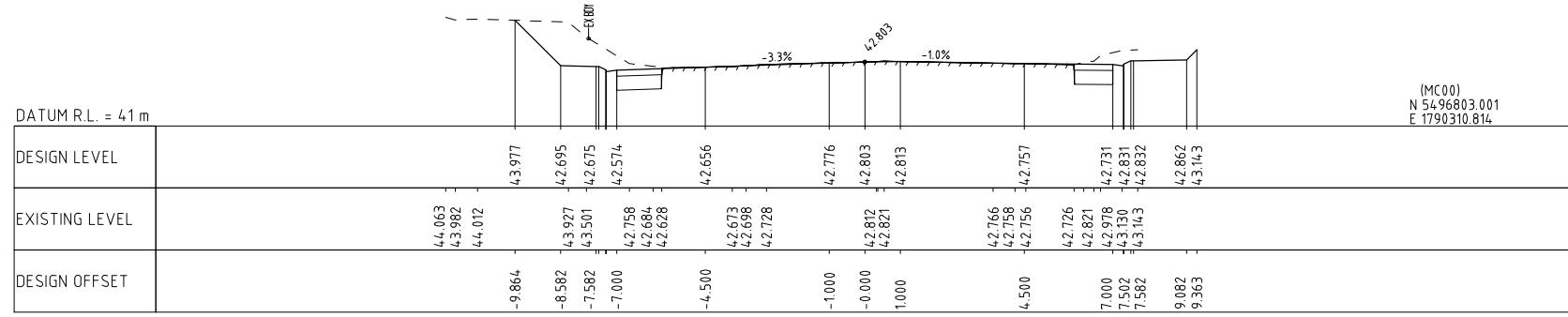
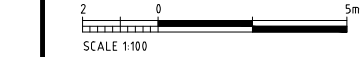
CROSS SECTIONS
SHEET 6 OF 20

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1: 100
Drawing No.	80500902-02-0604-C 306
Rev	A

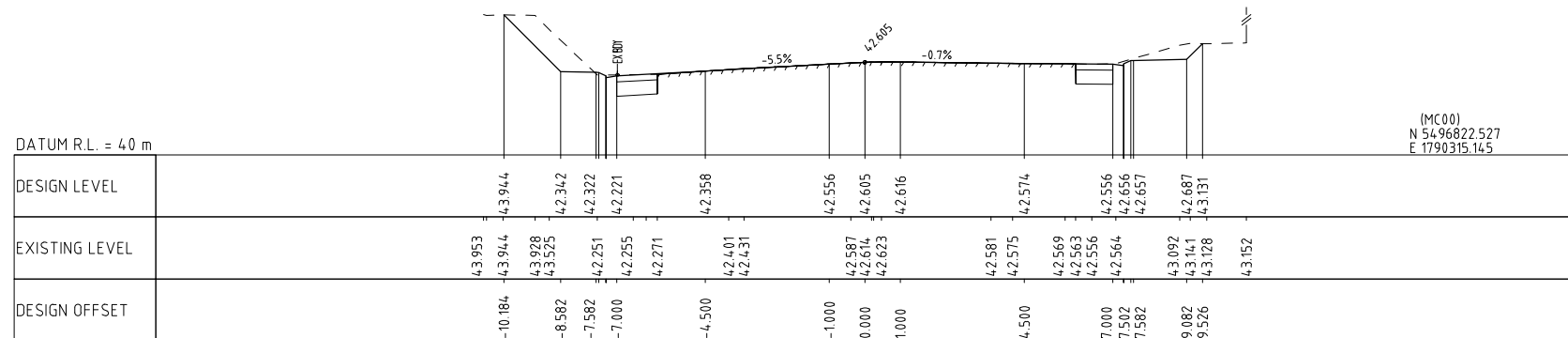
DO NOT SCALE - IF IN DOUBT, ASK

200 mm
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70
60
50
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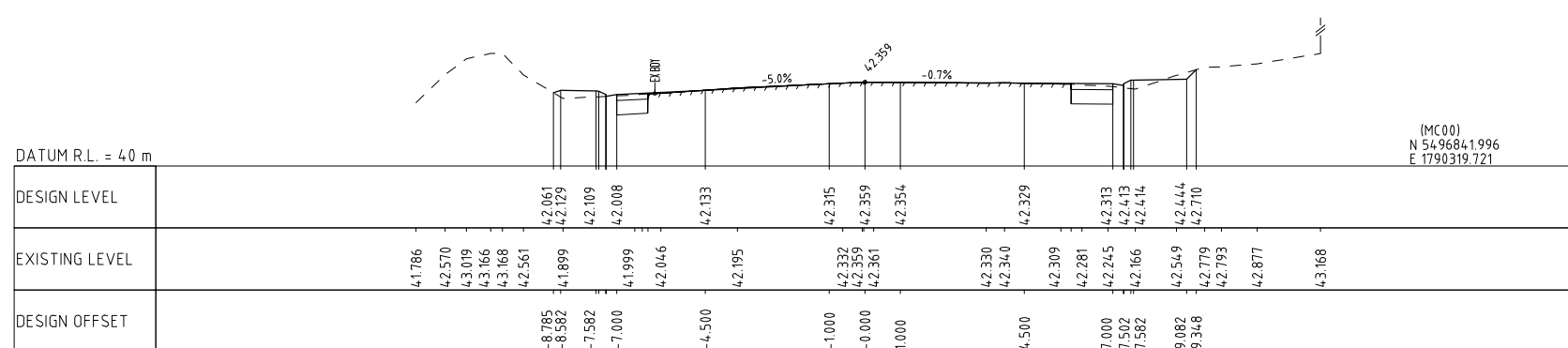
ORIGINAL SIZE A1



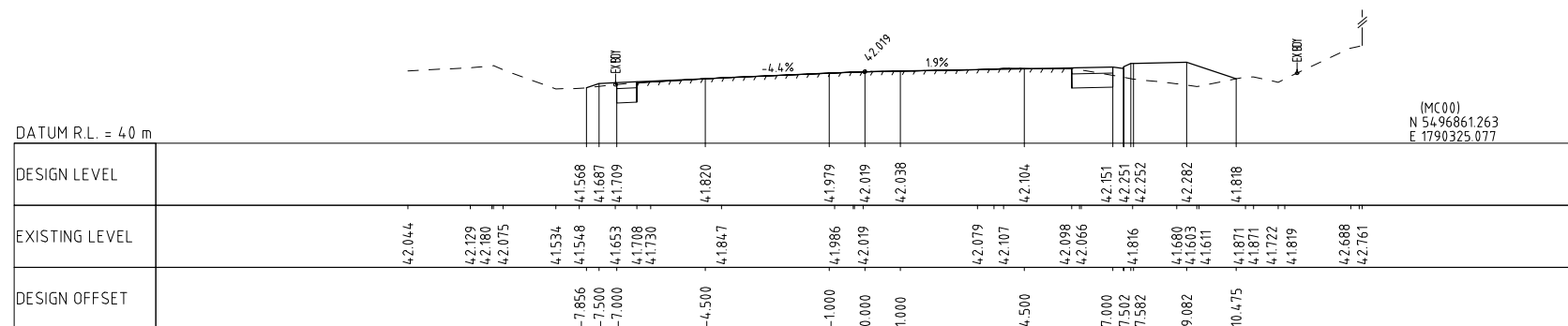
STATION 1340



STATION 1320



STATION 1300



STATION 1280

NOT FOR CONSTRUCTION

REV	A	SCHEME ASSESSMENT	JWM	MD	PP	18.10.13
		REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		



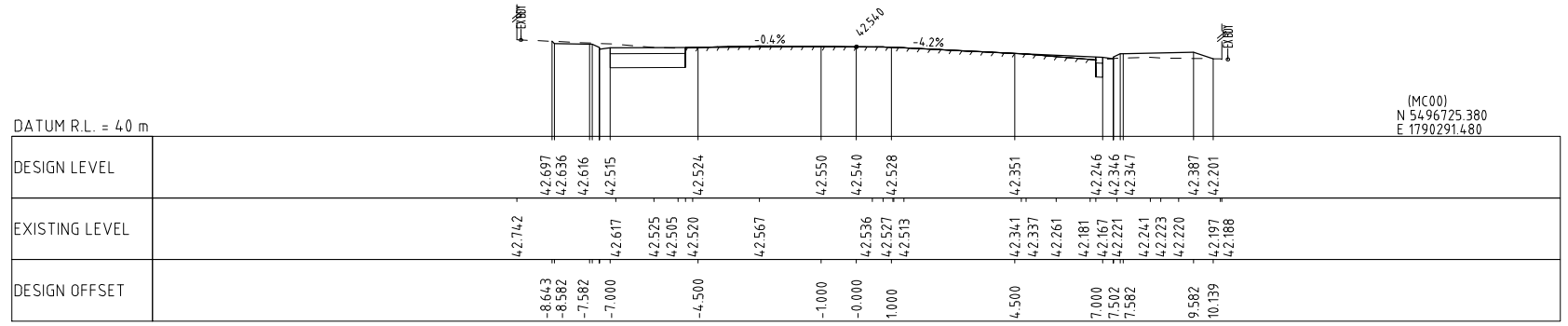
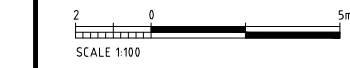
Client: STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

CROSS SECTIONS
SHEET 7 OF 20

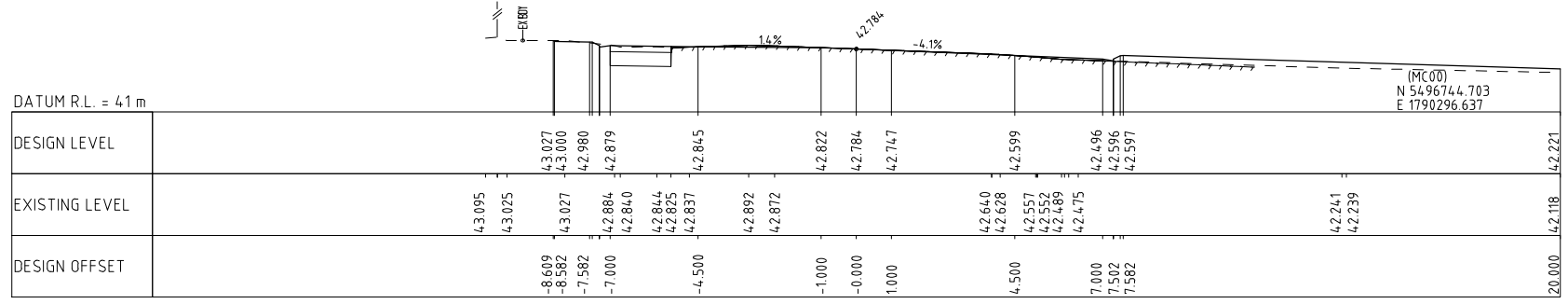
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Date Stamp	18.10.13
Scales	1 : 100
Drawing No.	80500902-02-0604-C307
Rev	A

ORIGINAL SIZE A1

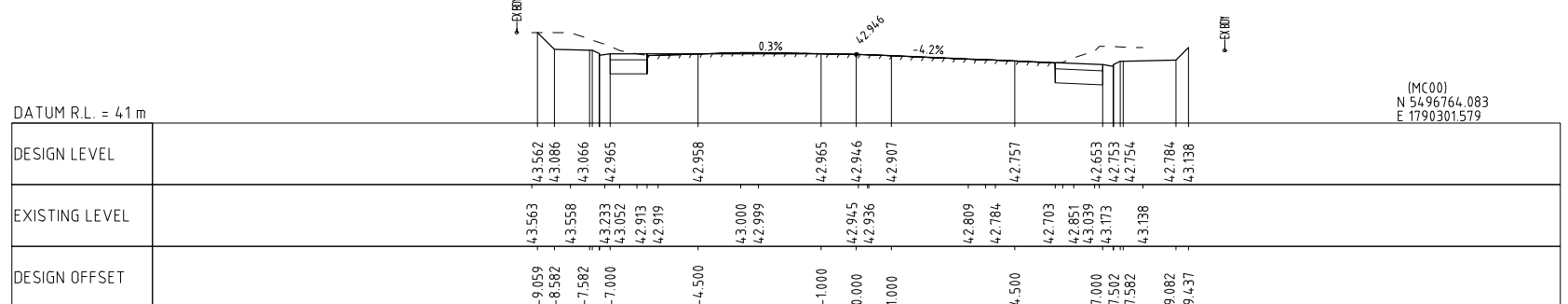
DO NOT SCALE - IF IN DOUBT, ASK



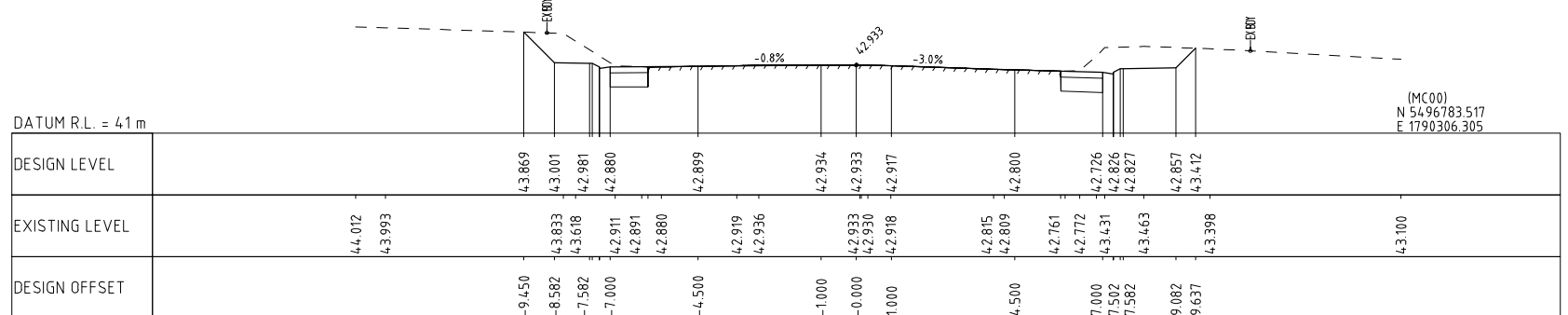
STATION 1420



STATION 1400



STATION 1380



STATION 1360

NOT FOR CONSTRUCTION

REV	DESCRIPTION	JWM	MD	PP	18.10.13
REV	REVISIONS	DRN	CHK	APP	DATE
A	SCHEME ASSESSMENT				

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		

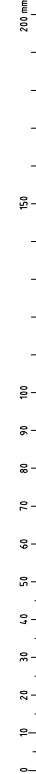


Client: STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAI VILLAGE SAR - RP 985/7.52 - RP 985/9.14

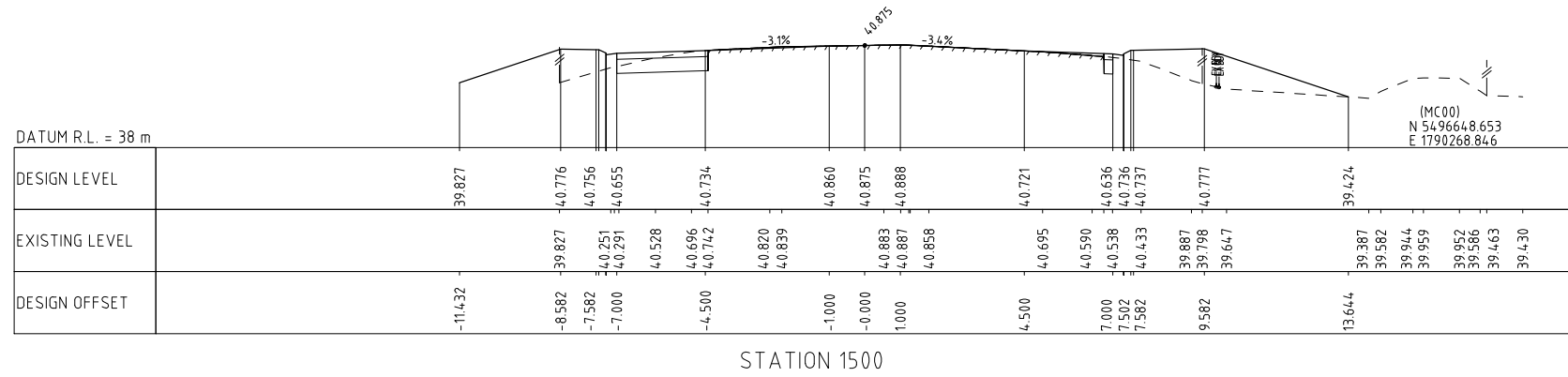
CROSS SECTIONS
SHEET 8 OF 20

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1:100
Drawing No.	80500902-02-0604-C308
Rev	A

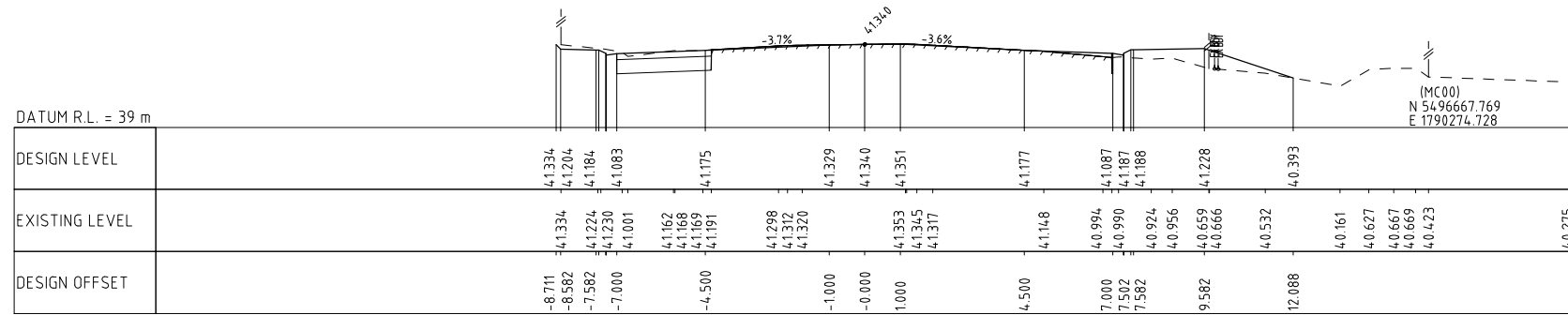
DO NOT SCALE - IF IN DOUBT, ASK



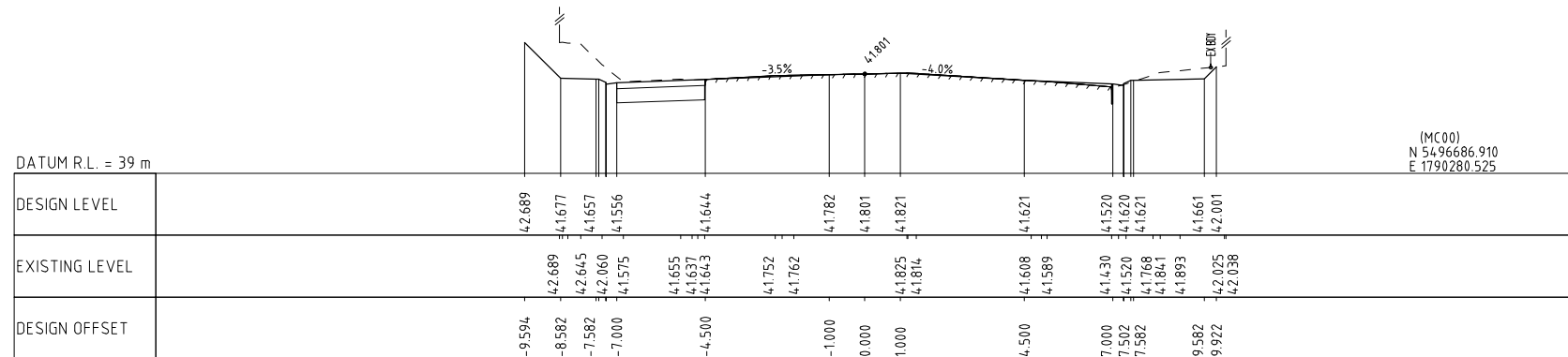
ORIGINAL SIZE A1



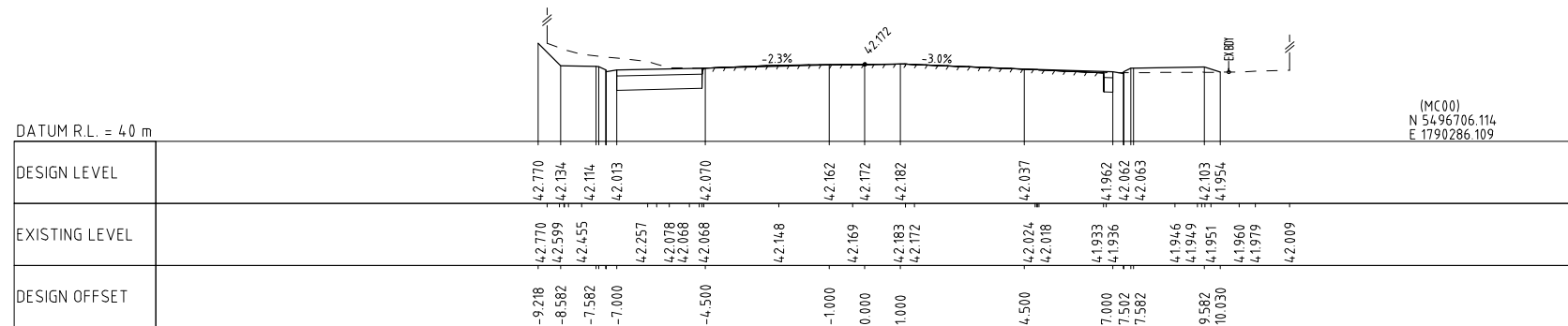
STATION 1500



STATION 1480



STATION 1460



STATION 1440

NOT FOR CONSTRUCTION

REV	SCHEME ASSESSMENT	JWM	MD	PP	18.10.13
REV	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION:		

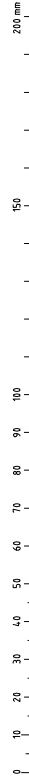


Client: STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

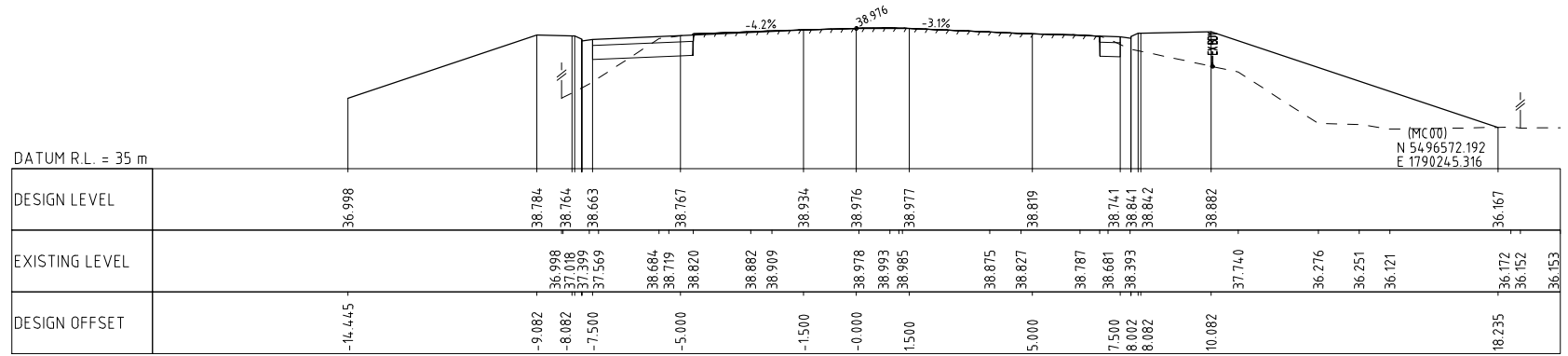
CROSS SECTIONS
SHEET 9 OF 20

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1 : 100
Drawing No.	80500902-02-0604-C 309
Rev	A

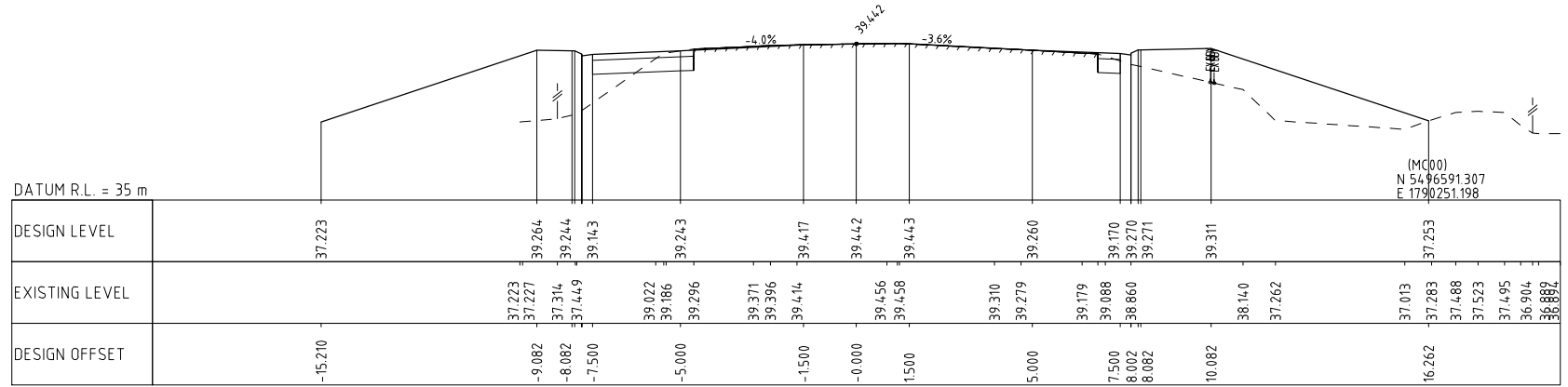
DO NOT SCALE - IF IN DOUBT, ASK



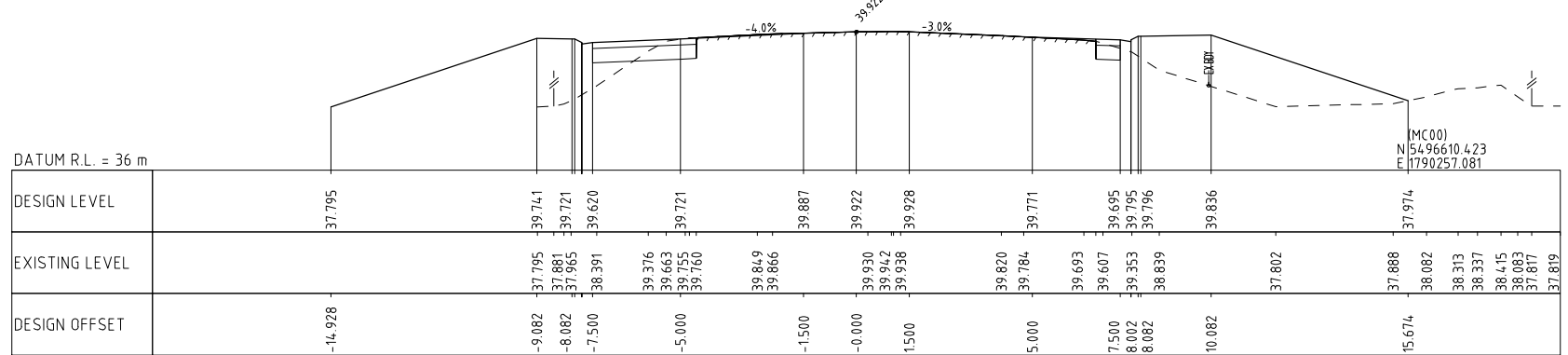
ORIGINAL SIZE A1



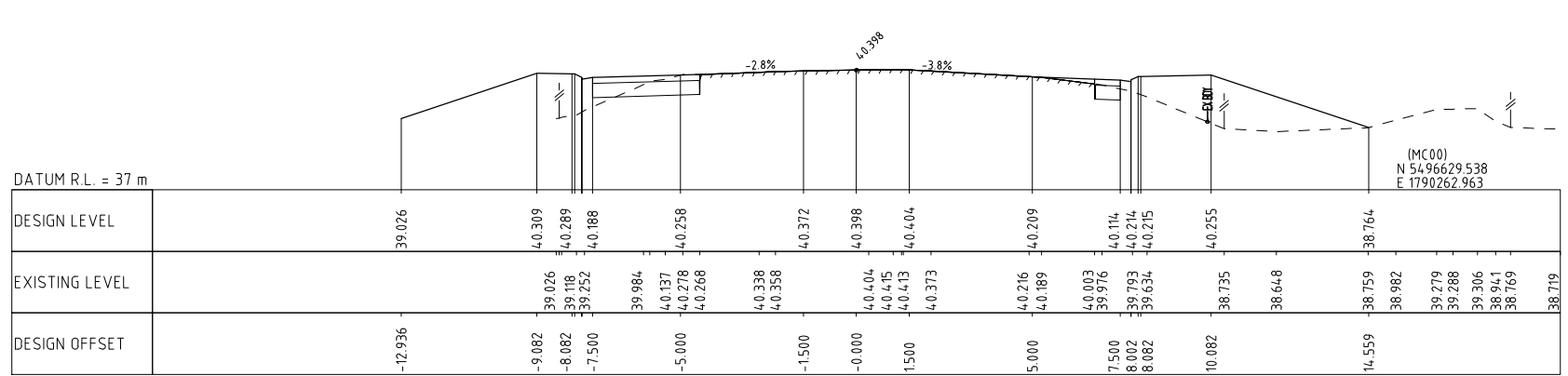
STATION 1520



STATION 1560



STATION 1540



STATION 1520

NOT FOR CONSTRUCTION

REV	DESCRIPTION	JWM	MD	PP	18.10.13
A	SCHEME ASSESSMENT	DRN	CHK	APP	DATE

SURVEYED		
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		



STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

CROSS SECTIONS
SHEET 10 OF 20

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1 : 100
Drawing No.	80500902-02-0604-C310
Rev	A

DO NOT SCALE - IF IN DOUBT, ASK

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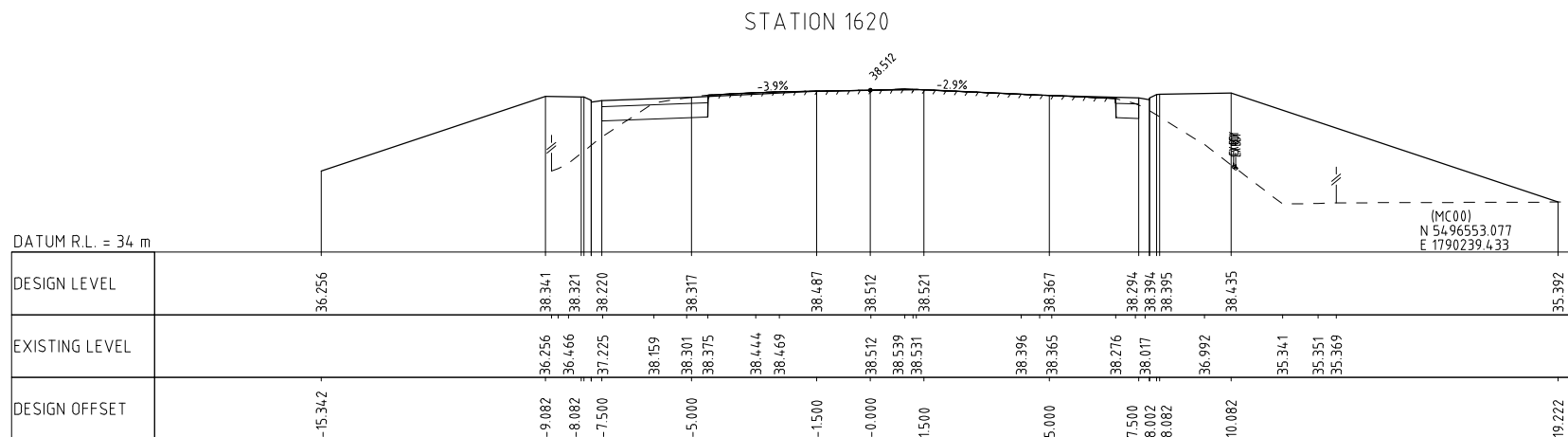
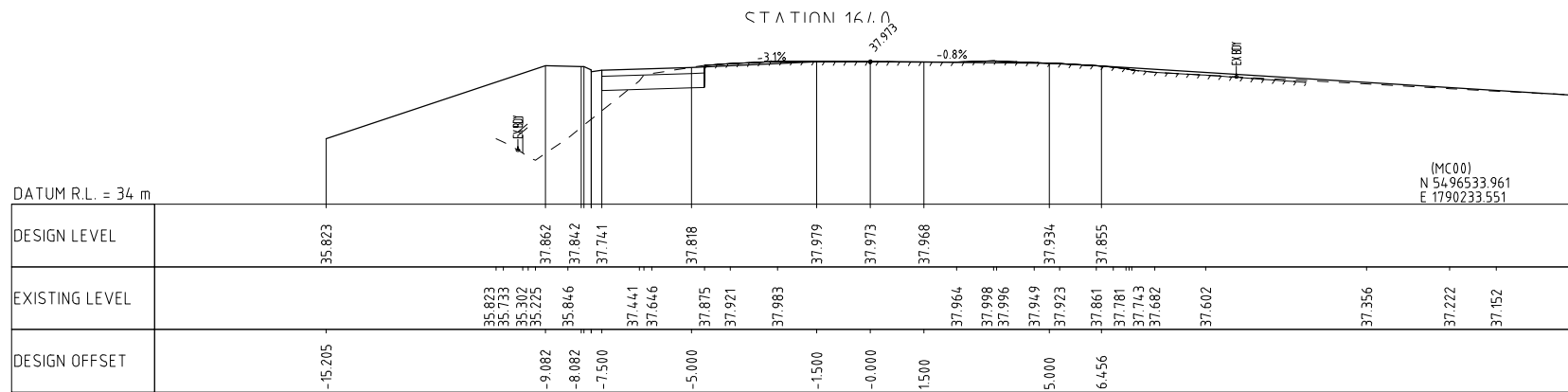
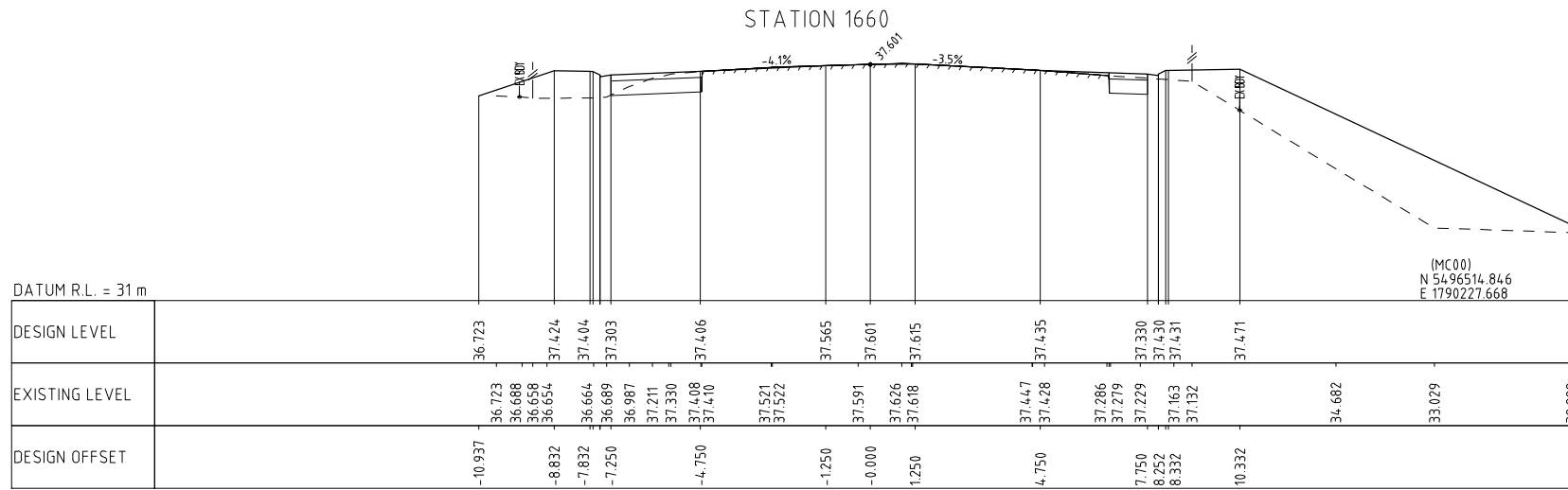
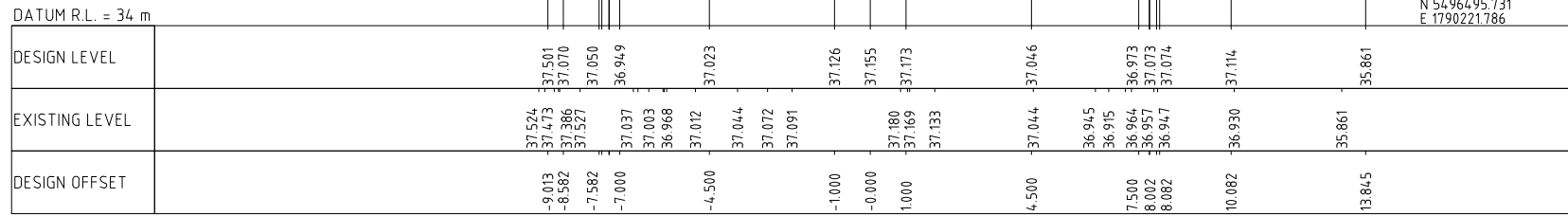
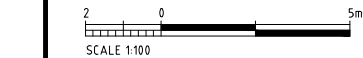
150

100

50

0

ORIGINAL SIZE **A1**



NOT FOR CONSTRUCTION

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		



STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAI VILLAGE SAR - RP 985/7.52 - RP 985/9.14

CROSS SECTIONS
SHEET 11 OF 20

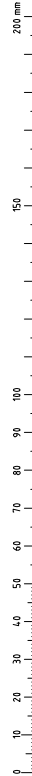
Status Stamp **SCHEME ASSESSMENT**

Date Stamp **18.10.13**

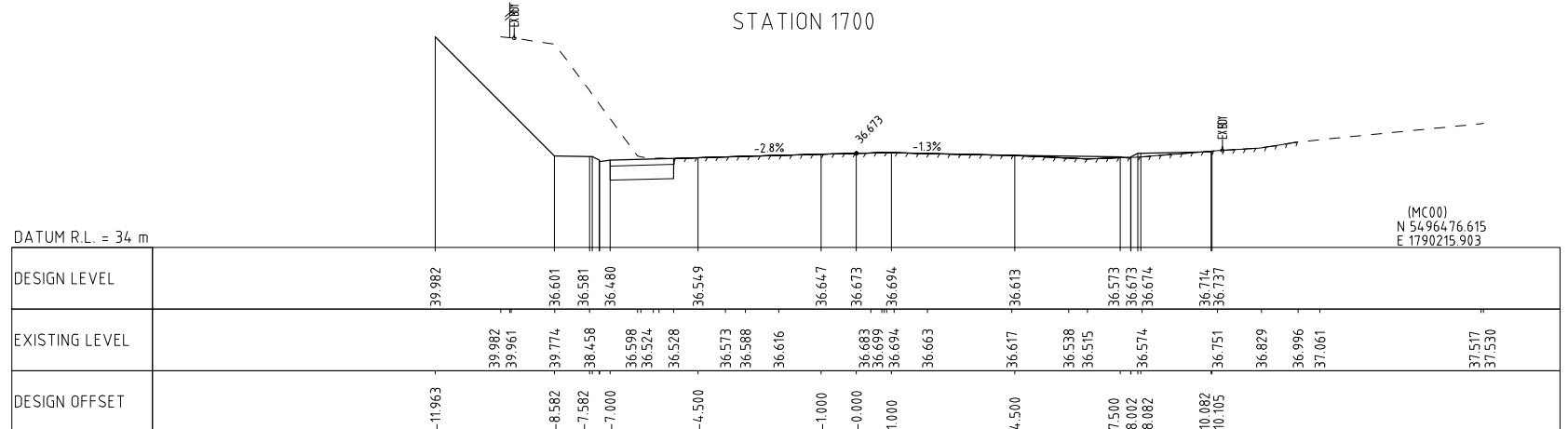
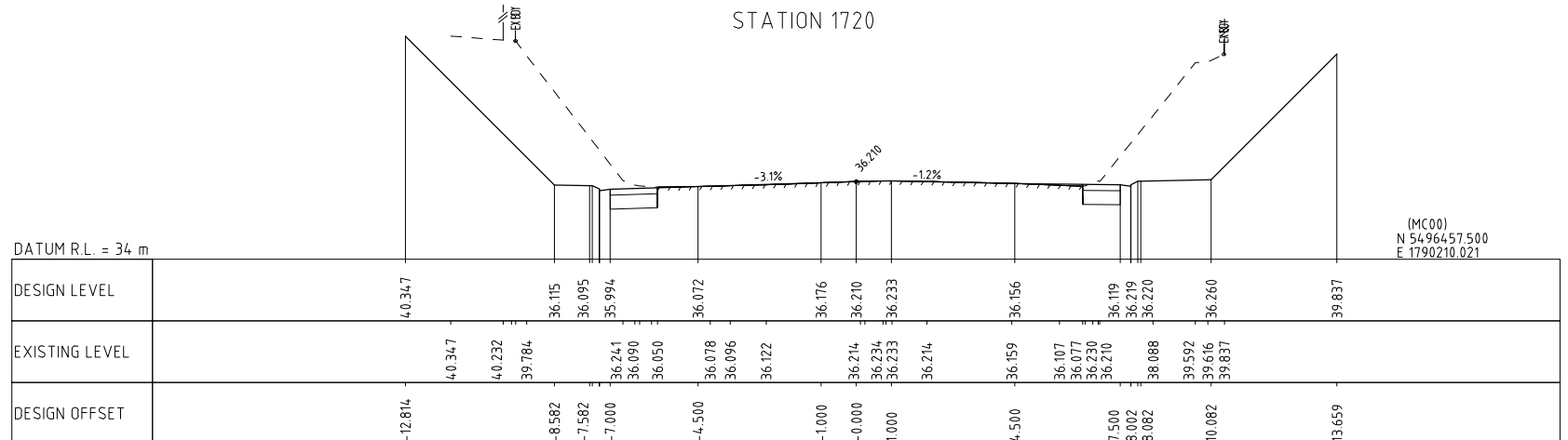
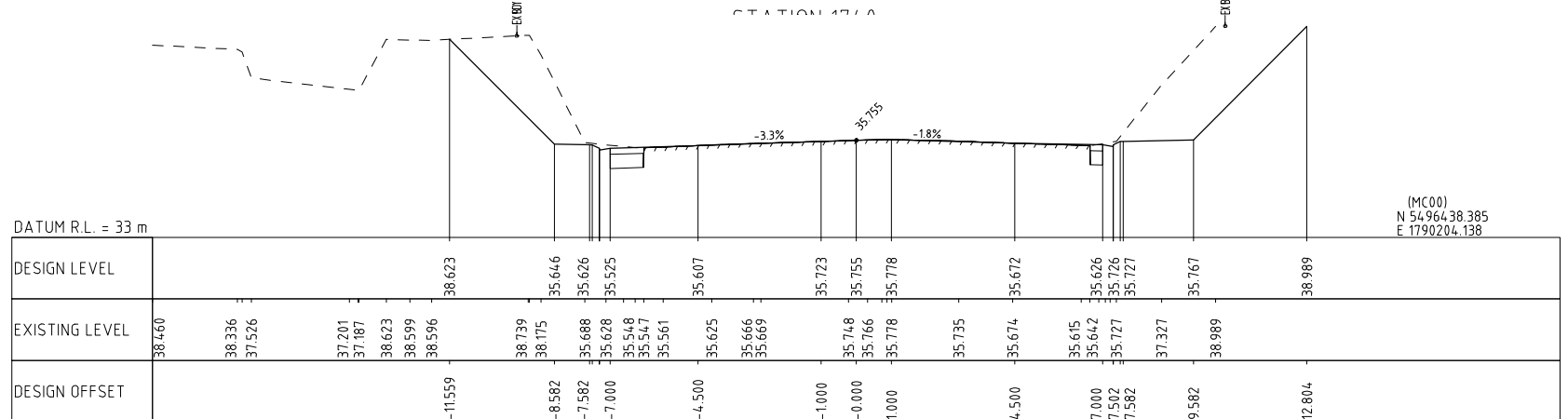
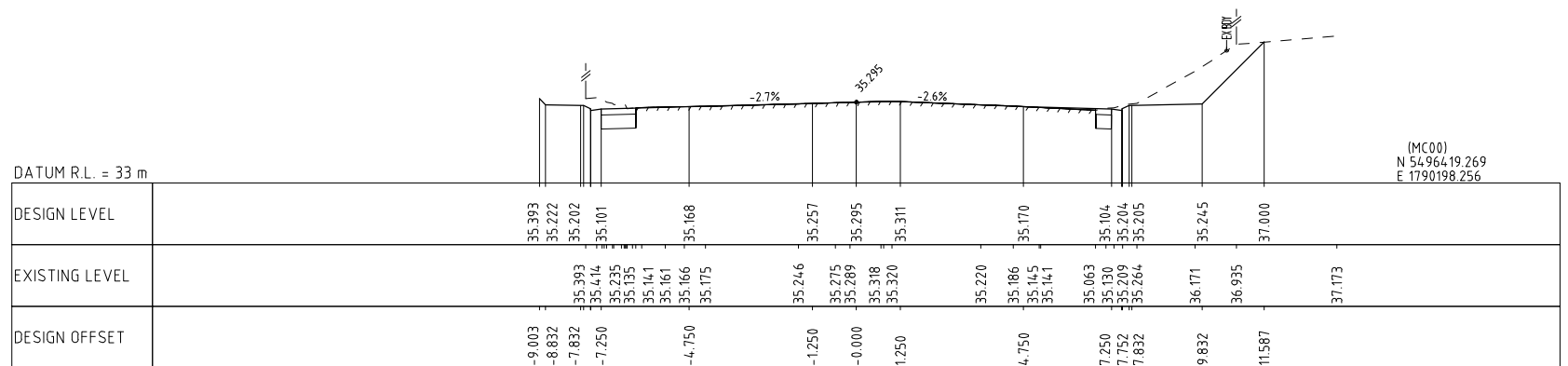
Scales 1 : 100

Drawing No. **80500902-02-0604-C 311** Rev **A**

DO NOT SCALE - IF IN DOUBT, ASK



ORIGINAL SIZE A1



REV	SCHEME ASSESSMENT	JWM	MD	PP	18.10.13
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION:		

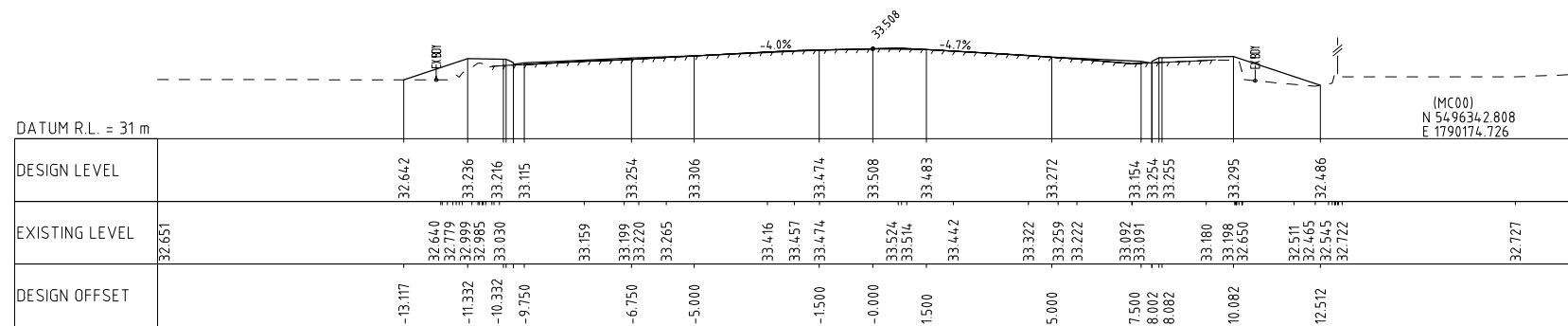
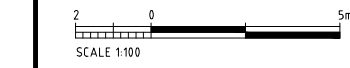


Client:
STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14
CROSS SECTIONS
SHEET 12 OF 20

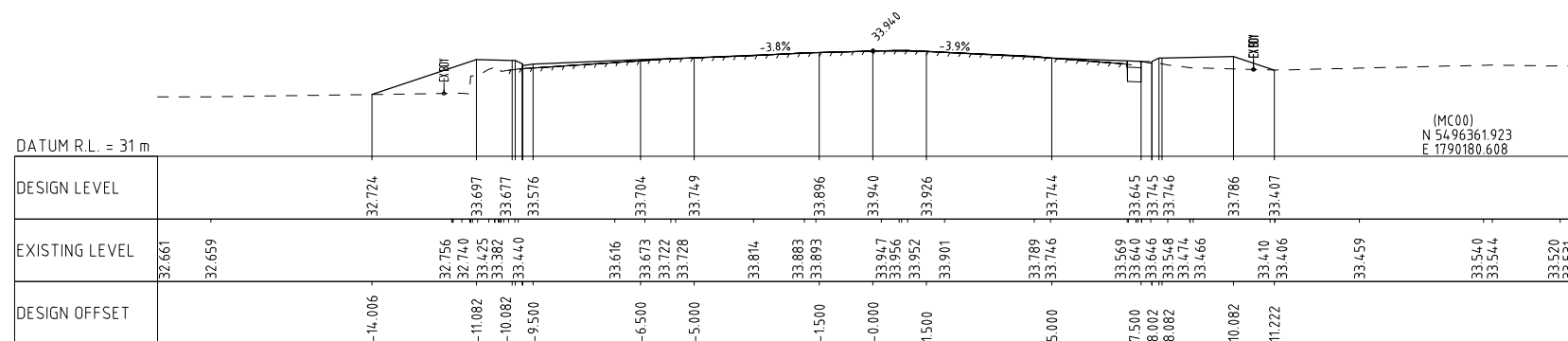
NOT FOR CONSTRUCTION	
Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1 : 100
Drawing No.	80500902-02-0604-C 312
Rev	A

ORIGINAL SIZE A1

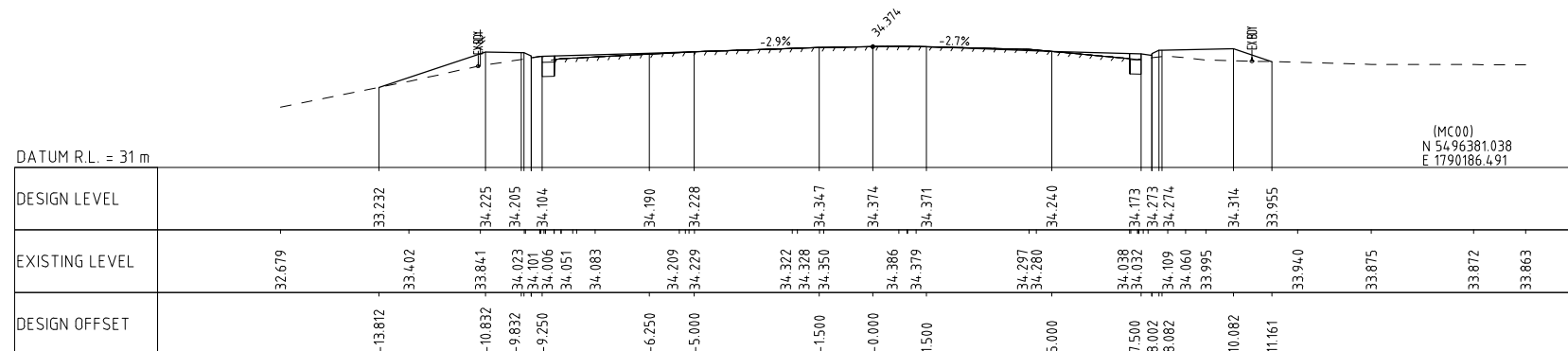
DO NOT SCALE - IF IN DOUBT, ASK



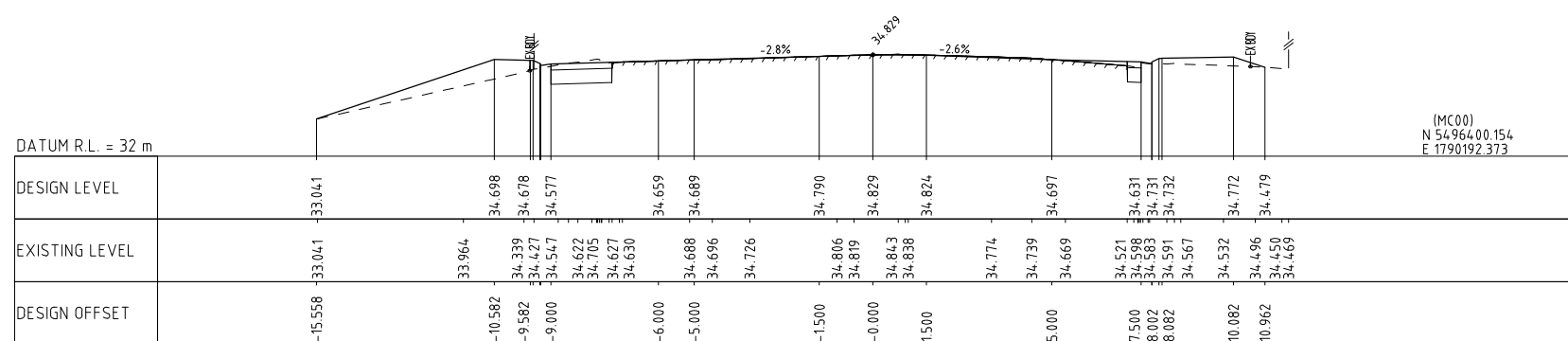
STATION 1820



STATION 1800



STATION 1780



STATION 1760

NOT FOR CONSTRUCTION

REV	DESCRIPTION	JWM	MD	PP	18.10.13
REV	REVISIONS	DRN	CHK	APP	DATE
A	SCHEME ASSESSMENT				

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION:		

Client:

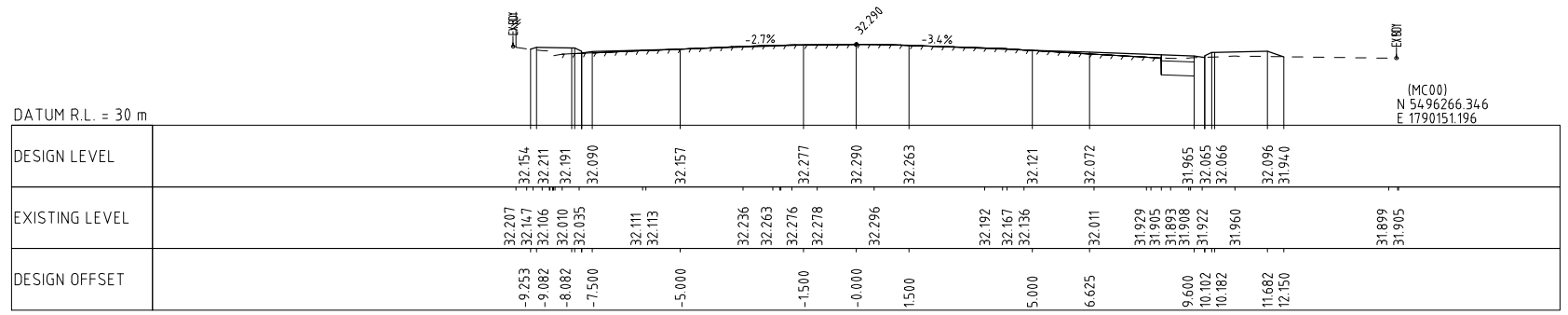
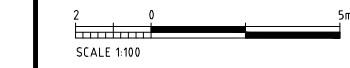
STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
 OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

CROSS SECTIONS
 SHEET 13 OF 20

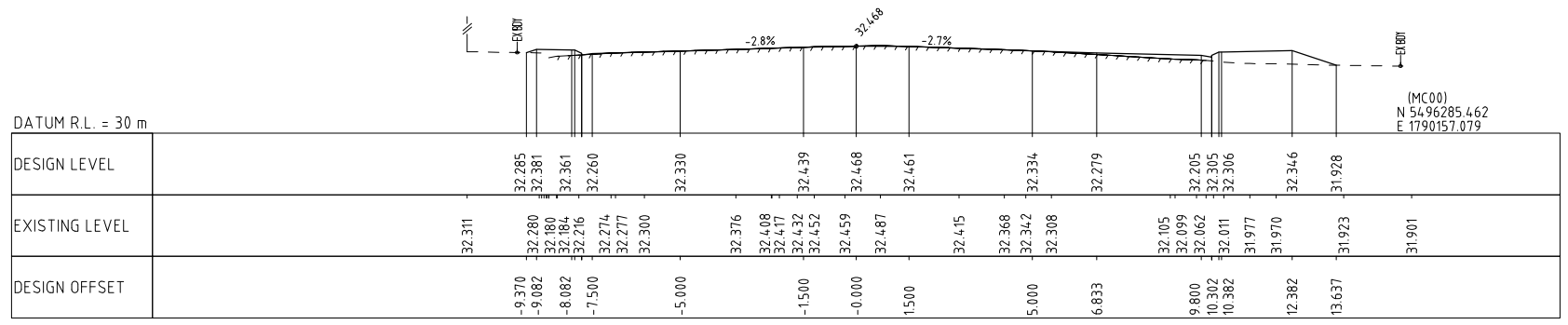
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Date Stamp	18.10.13
Scales	1:100
Drawing No.	80500902-02-0604-C313
Rev	A

ORIGINAL SIZE A1

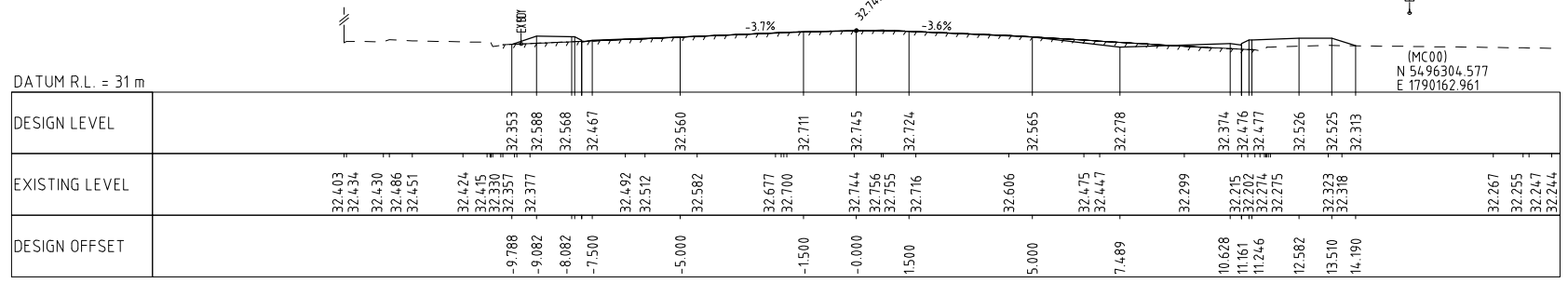
DO NOT SCALE - IF IN DOUBT, ASK



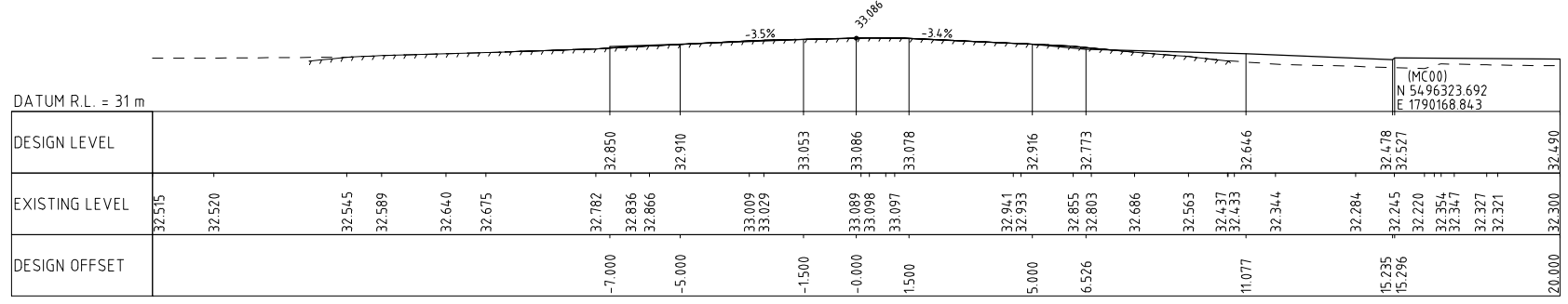
STATION 1900



STATION 1880



STATION 1860



STATION 1840

NOT FOR CONSTRUCTION

REV	DESCRIPTION	JWM	MD	PP	DATE
A	SCHEME ASSESSMENT				18.10.13
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		

Client:

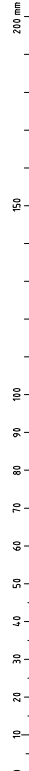



STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAI VILLAGE SAR - RP 985/7.52 - RP 985/9.14

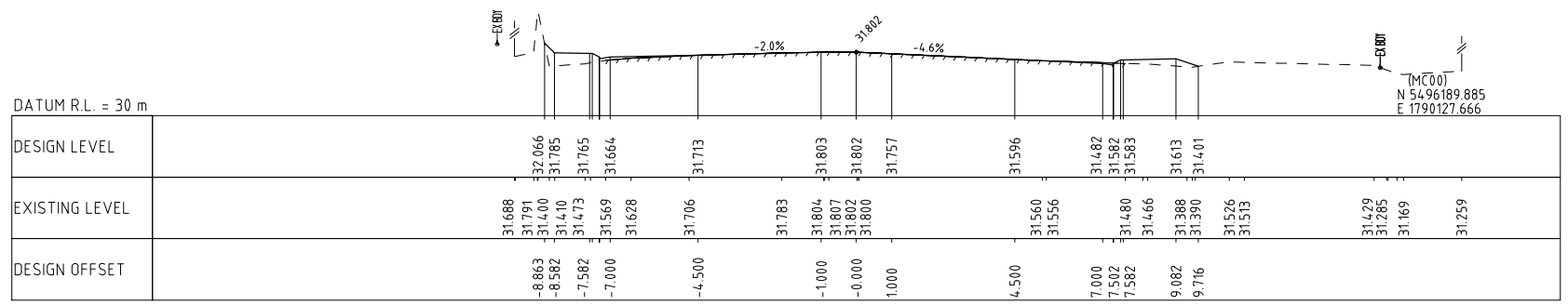
CROSS SECTIONS
SHEET 14 OF 20

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1:100
Drawing No.	80500902-02-0604-C314
Rev	A

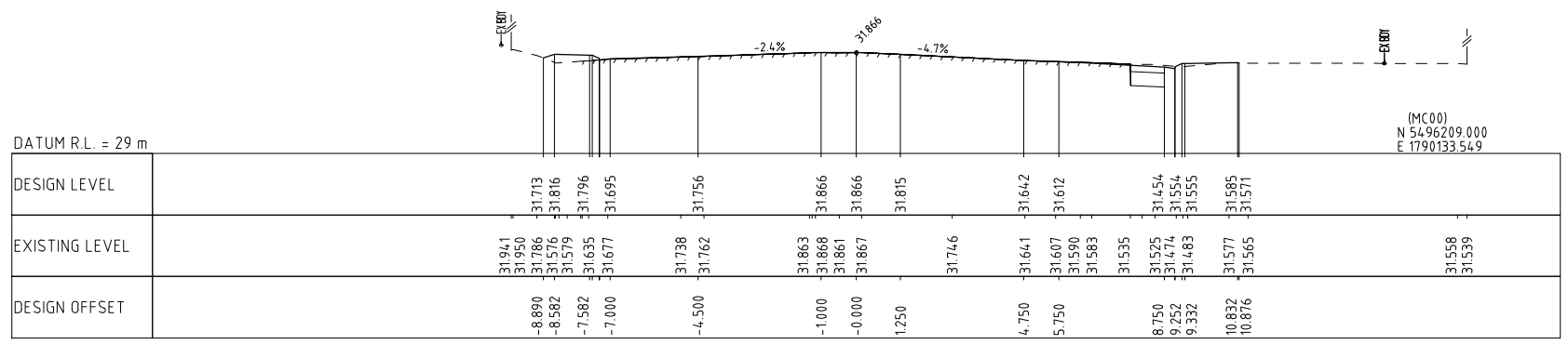
DO NOT SCALE - IF IN DOUBT, ASK



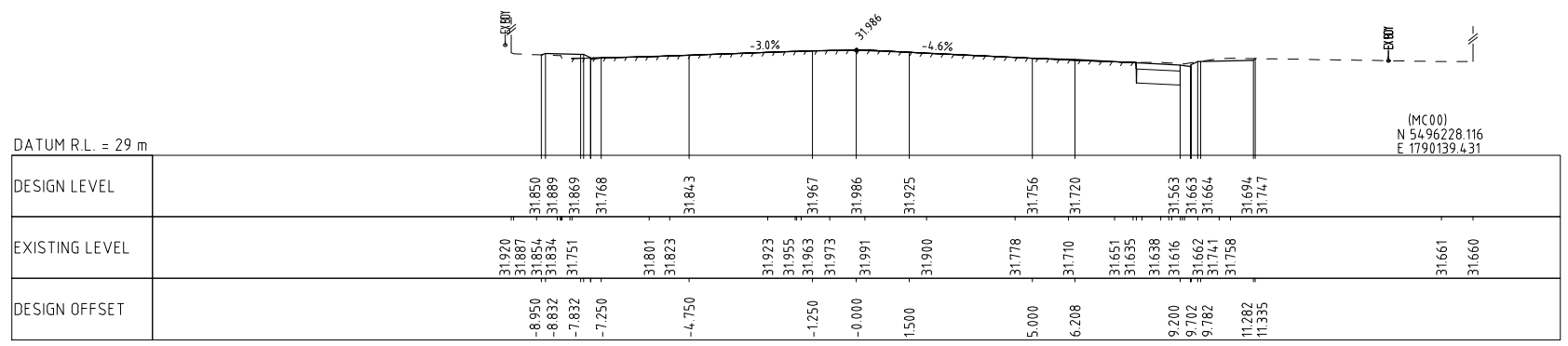
ORIGINAL SIZE A1



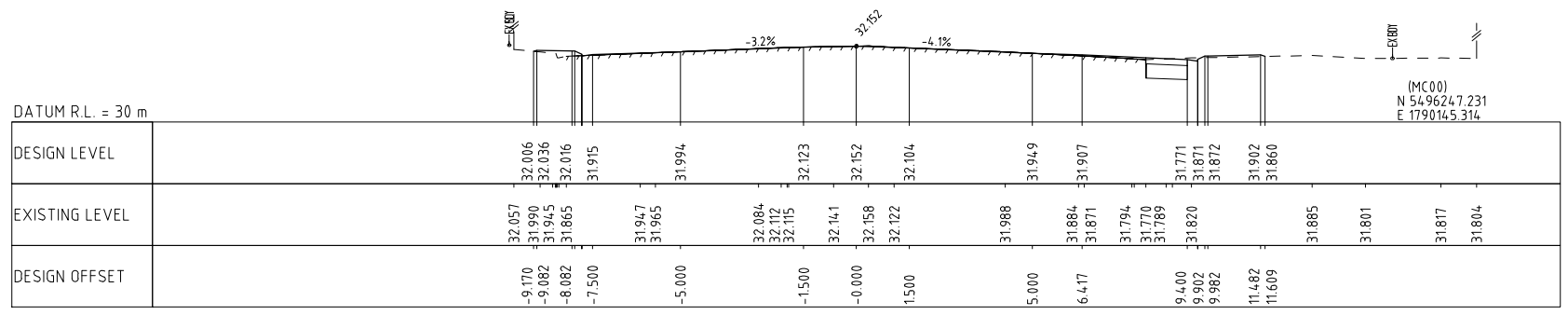
STATION 1980



STATION 1960



STATION 1940



STATION 1920

REV	DESCRIPTION	JWM	MD	PP	18.10.13
DRN	CHK	APP	DATE		
A	SCHEME ASSESSMENT				
	REVISIONS				

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		

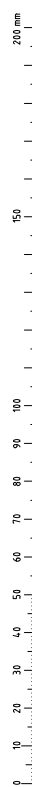


Client: STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

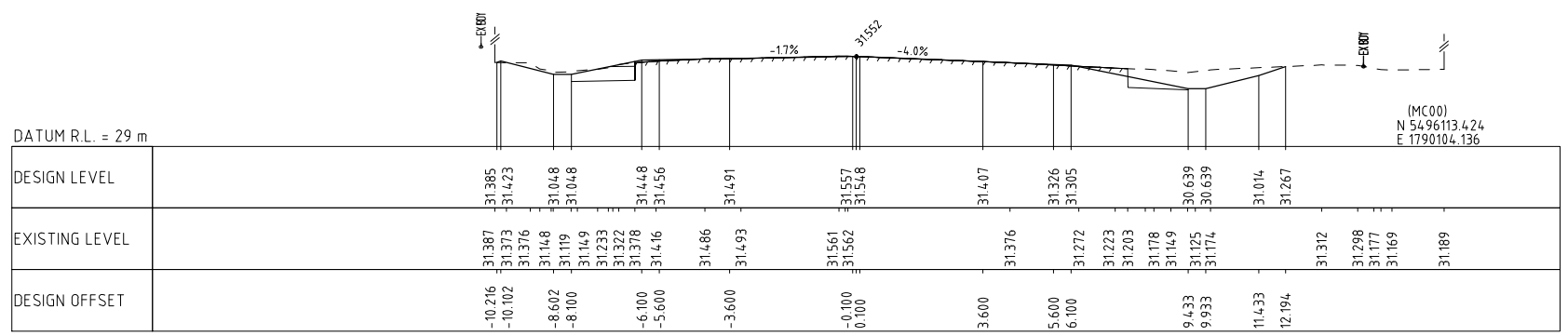
CROSS SECTIONS
SHEET 15 OF 20

NOT FOR CONSTRUCTION	
Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1 : 100
Drawing No.	80500902-02-0604-C 315
Rev	A

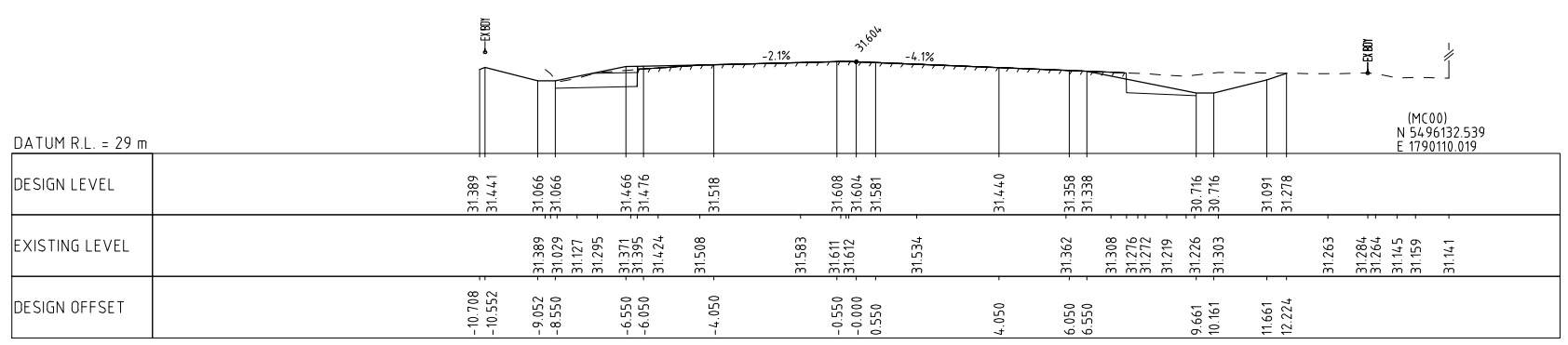
DO NOT SCALE - IF IN DOUBT, ASK



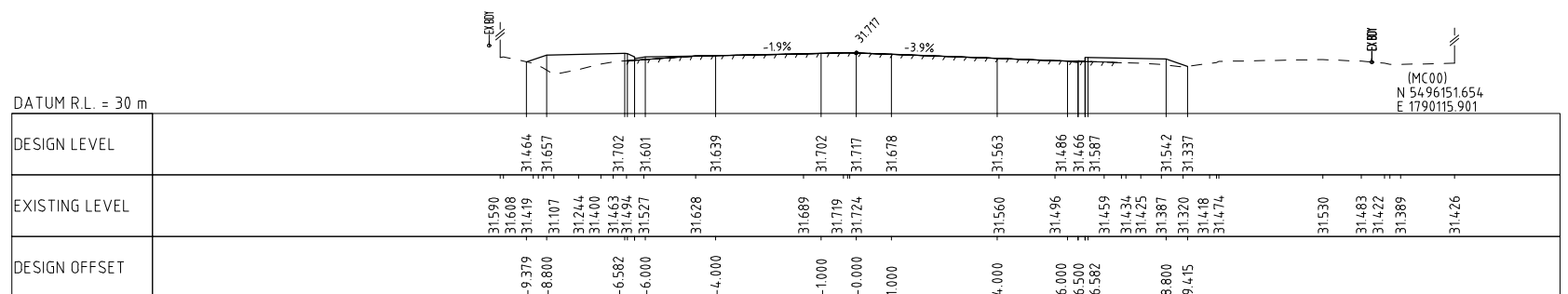
ORIGINAL SIZE A1



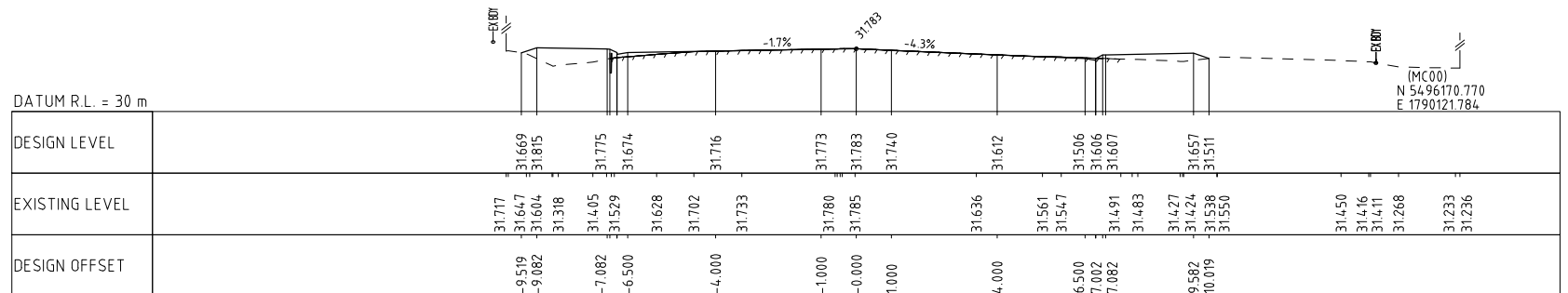
STATION 2060



STATION 2040



STATION 2020



STATION 2000

NOT FOR CONSTRUCTION

REV	A	SCHEME ASSESSMENT	JWM	MD	PP	18.10.13
		REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		



Client: STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAI VILLAGE SAR - RP 985/7.52 - RP 985/9.14

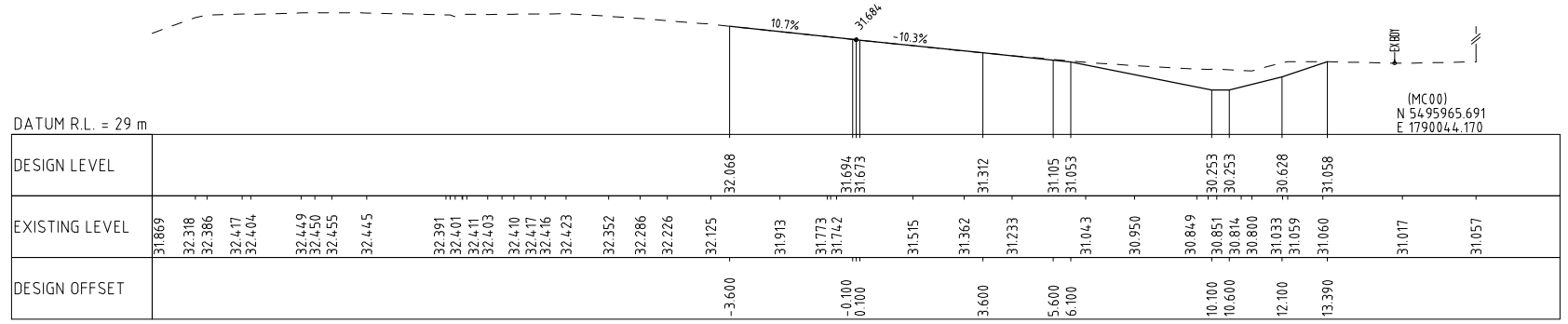
CROSS SECTIONS
SHEET 16 OF 20

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1:100
Drawing No.	80500902-02-0604-C316
Rev	A

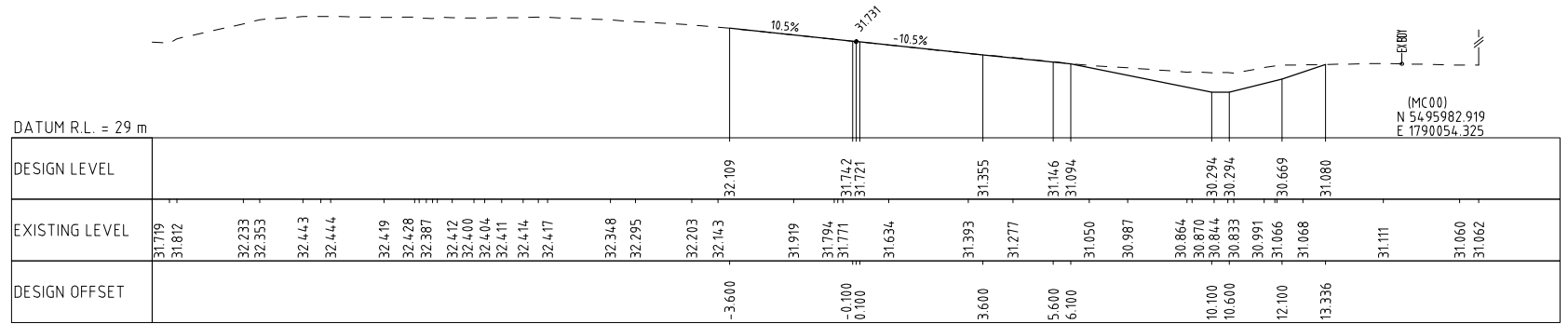
DO NOT SCALE - IF IN DOUBT, ASK

200 mm
150
100
90
80
70
60
50
40
30
20
10
0

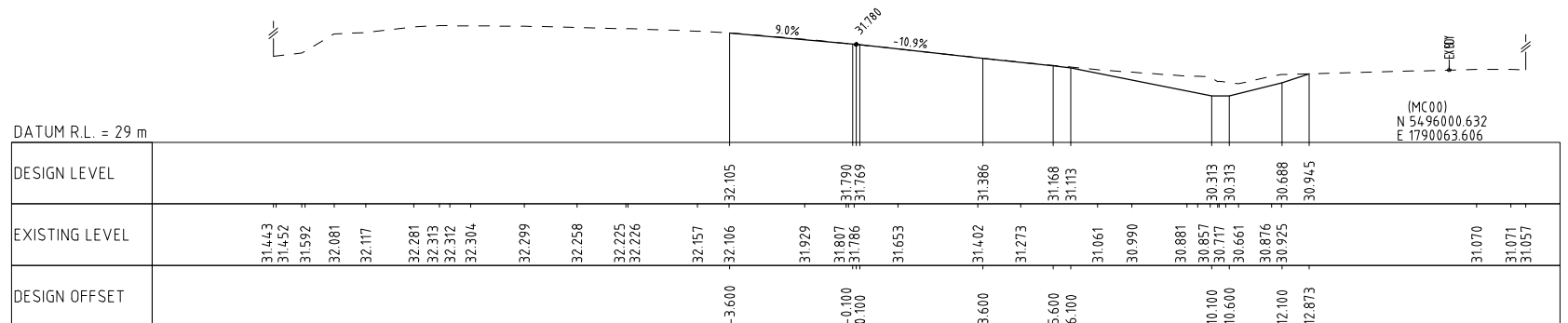
ORIGINAL SIZE A1



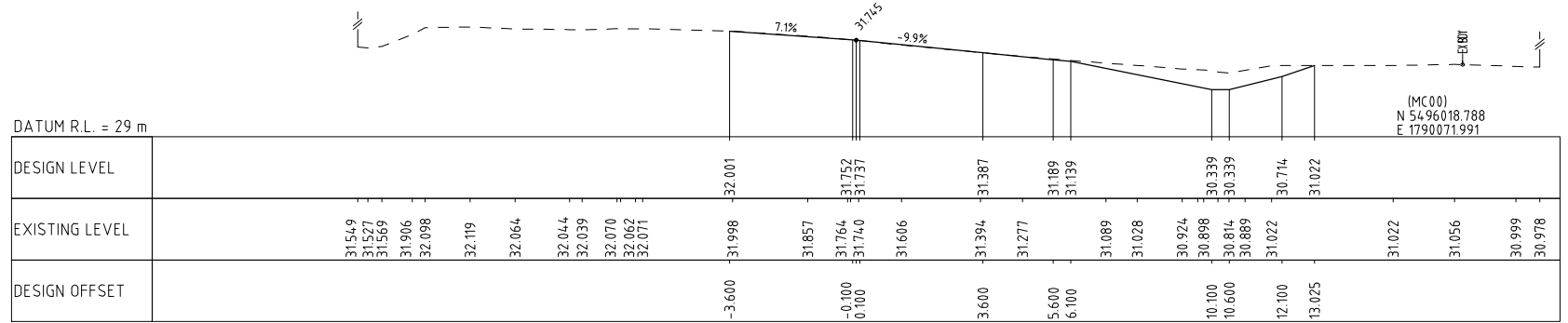
STATION 2220



STATION 2200



STATION 2180



STATION 2160



REV	DESCRIPTION	JWM	MD	PP	18.10.13
DRN	CHK	APP	DATE		
A	SCHEME ASSESSMENT				
	REVISIONS				

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		



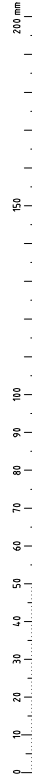
Client: STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

CROSS SECTIONS
SHEET 18 OF 20

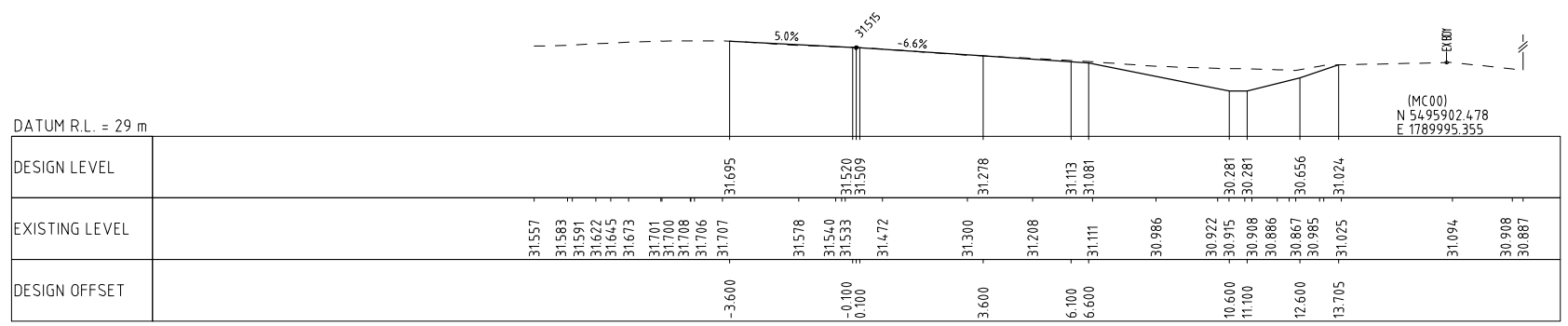
Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1 : 100
Drawing No.	80500902-02-0604-C318
Rev	A

NOT FOR CONSTRUCTION

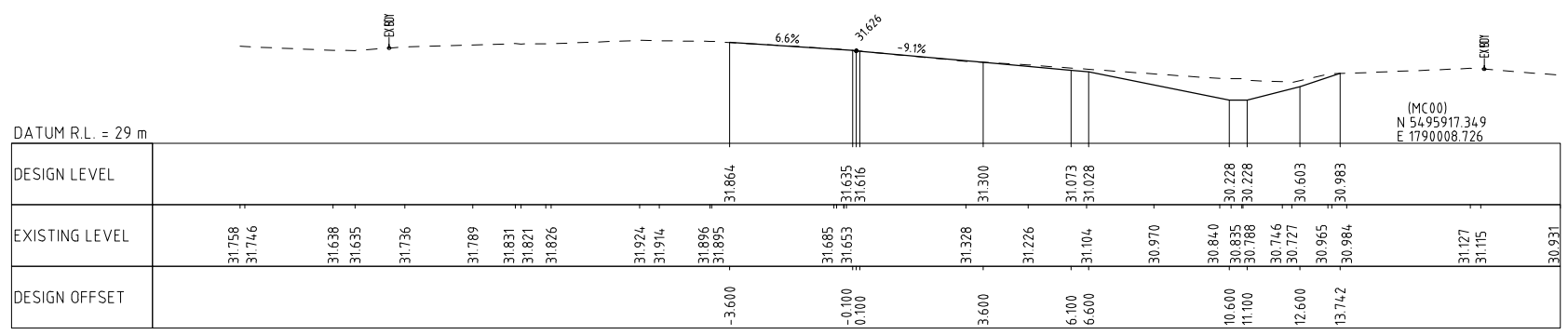
DO NOT SCALE - IF IN DOUBT, ASK



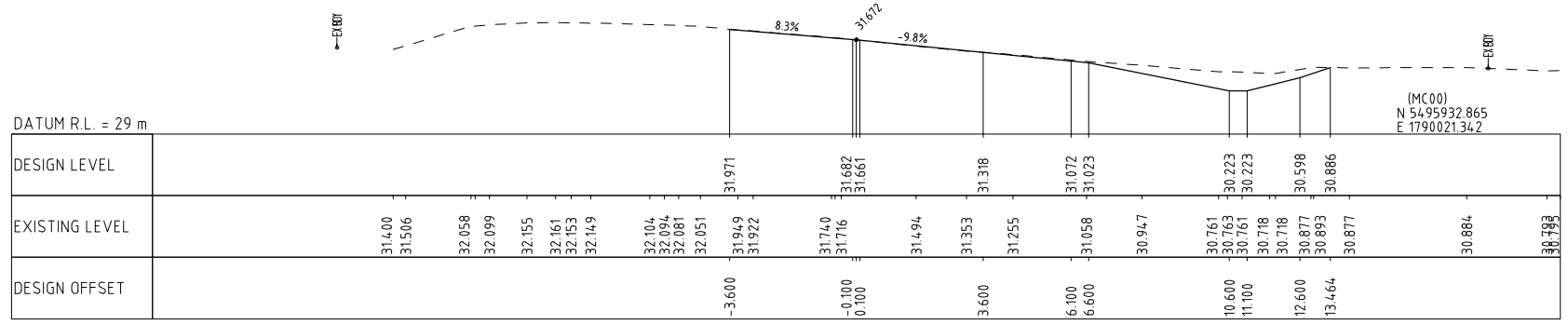
ORIGINAL SIZE A1



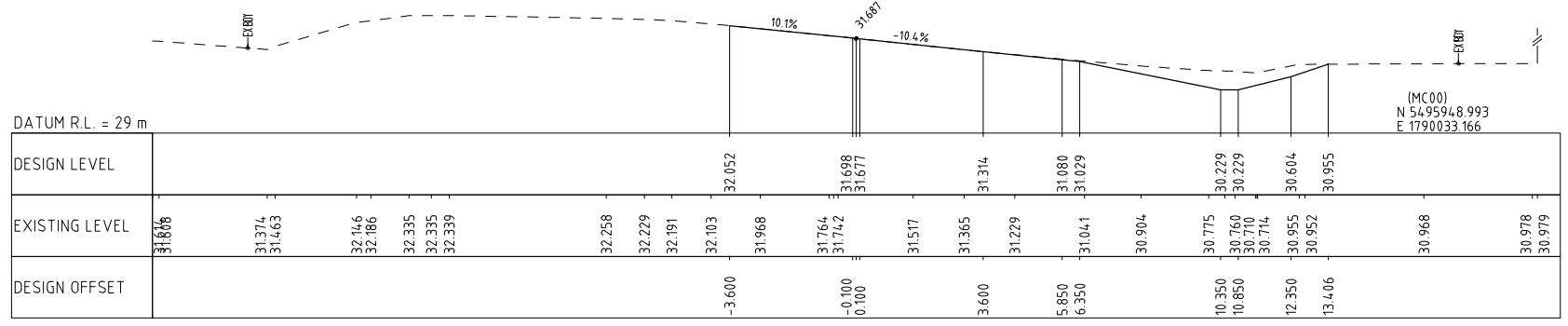
STATION 2300



STATION 2280



STATION 2260



STATION 2240

NOT FOR CONSTRUCTION

REV	SCHEME ASSESSMENT	JWM	MD	PP	18.10.13
	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION		

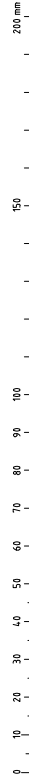


Client: STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

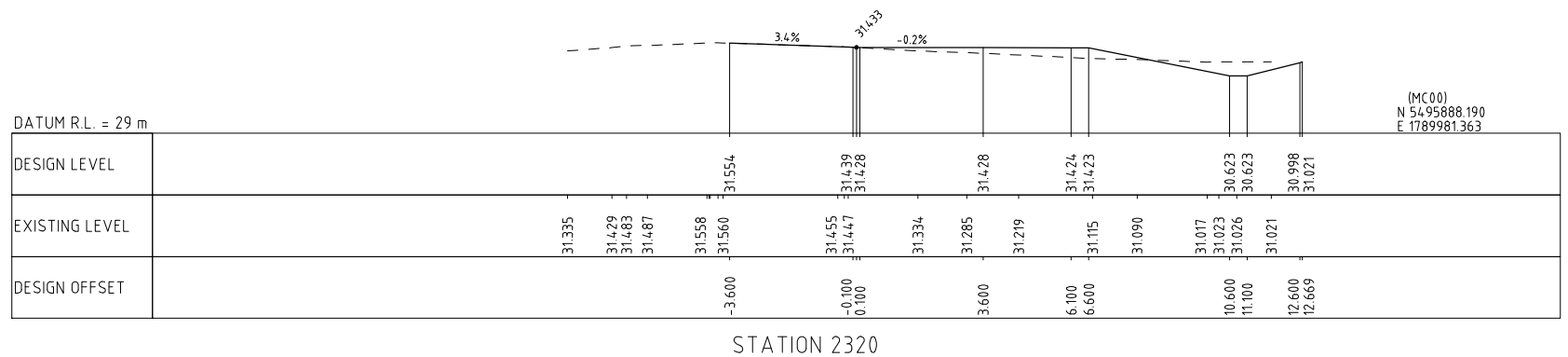
CROSS SECTIONS
SHEET 19 OF 20

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1 : 100
Drawing No.	80500902-02-0604-C 319
Rev	A

DO NOT SCALE - IF IN DOUBT, ASK



ORIGINAL SIZE A1



NOT FOR CONSTRUCTION

REV	SCHEME ASSESSMENT	JWM	MD	PP	18.10.13
REV	REVISIONS	DRN	CHK	APP	DATE

SURVEYED	-	-
DESIGNED	Barbara Browne	09/13
DRAWN	Joseph Mitchell	09/13
CAD REVIEW		
DESIGN CHECK		
DESIGN REVIEW		
APPROVED	NOT APPROVED	
PROF REGISTRATION:		



Client: STATE HIGHWAY 1 - OTAKI TO NORTH OF LEVIN
OHAU VILLAGE SAR - RP 985/7.52 - RP 985/9.14

CROSS SECTIONS
SHEET 20 OF 20

Status Stamp	SCHEME ASSESSMENT
Date Stamp	18.10.13
Scales	1 : 100
Drawing No.	80500902-02-0604-C 320
Rev	A