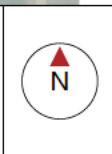


REVISION DETAILS		INT	DATE	SURVEYED	RH
1	ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP
				DRAWN	BP
				CHECKED	BP
				APPROVED	

88 LUMSDEN ROAD OHINEWAI
WOODS.CO.NZ

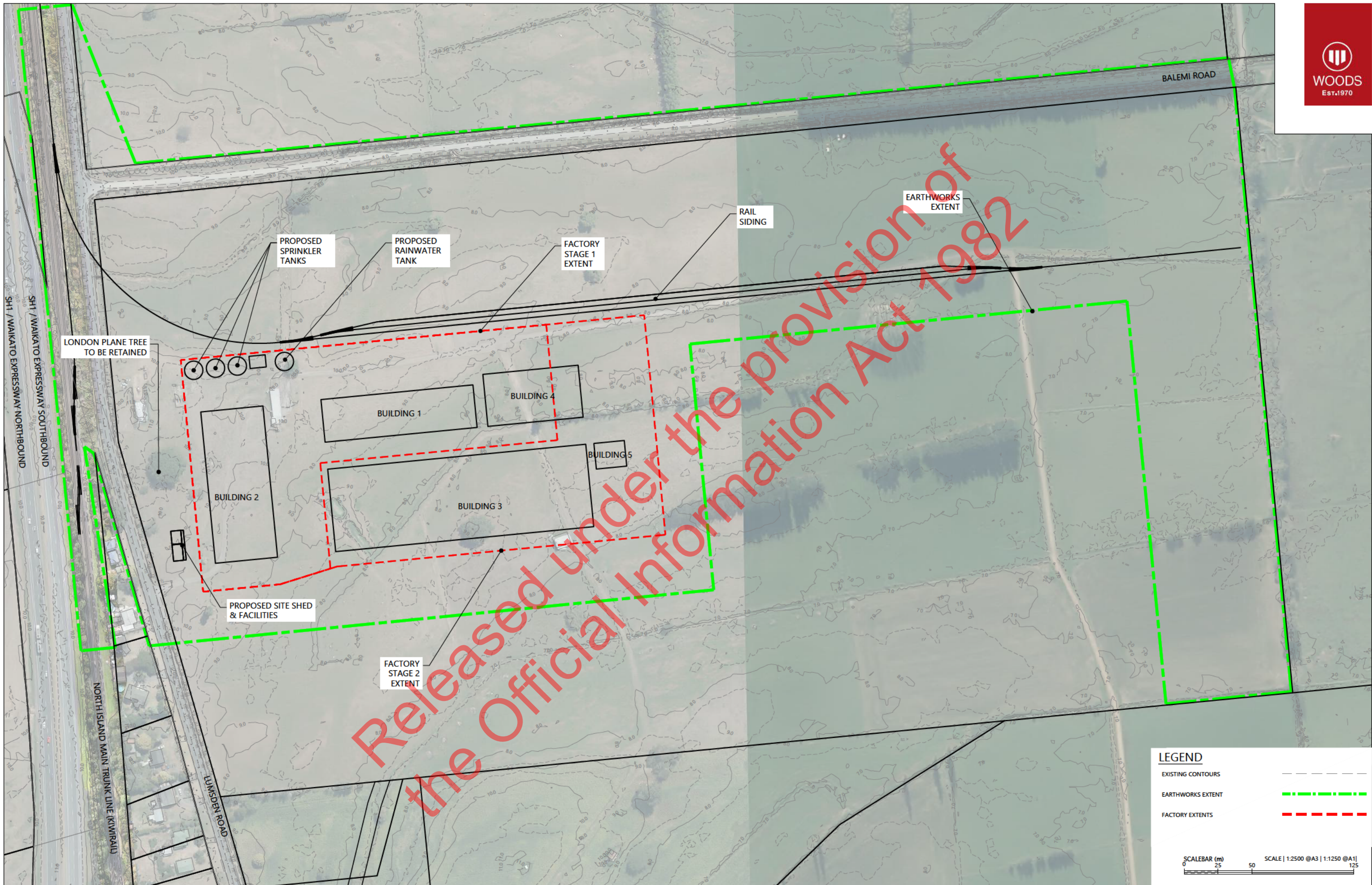


**NZ COMFORT GROUP FACTORY**  
SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING  
TITLE BOUNDARY PLAN



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:2500 @ A3	1
COUNCIL	WAIKATO DISTRICT COUNCIL	
DWG NO	P19-138-RS-010-GE	





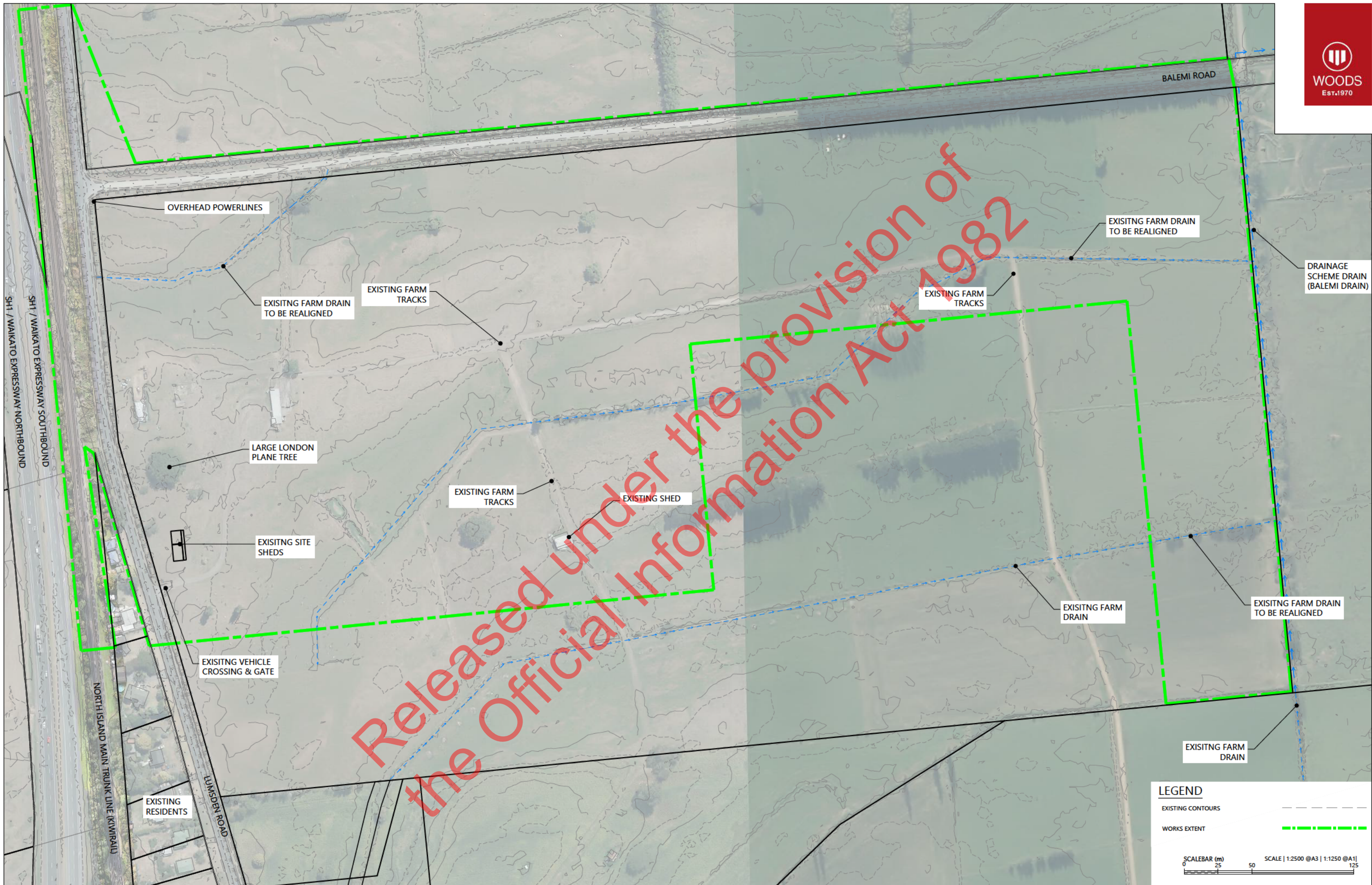
REVISION DETAILS		INT	DATE	SURVEYED	RH	88 LUMSDEN ROAD OHINEWAI
1	ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP	
				DRAWN	BP	
				CHECKED	BP	
				APPROVED		WOODS.CO.NZ



NZ COMFORT GROUP FACTORY  
SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING  
FACTORY OVERLAY LAYOUT

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:2500 @ A3	1
COUNCIL	WAIKATO DISTRICT COUNCIL	
DWG NO	P19-138-RS-011-GE	





LEGEND

- EXISTING CONTOURS
- WORKS EXTENT

SCALEBAR (m) 0 25 50 SCALE | 1:2500 @A3 | 1:1250 @A1 | 1:625 @A0

REVISION DETAILS		INT	DATE	SURVEYED	RH	88 LUMSDEN ROAD OHINEWAI  WOODS.CO.NZ
1	ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP	
				DRAWN	BP	
				CHECKED	BP	
				APPROVED		





NZ COMFORT GROUP FACTORY  
SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING  
EXISTING FEATURES

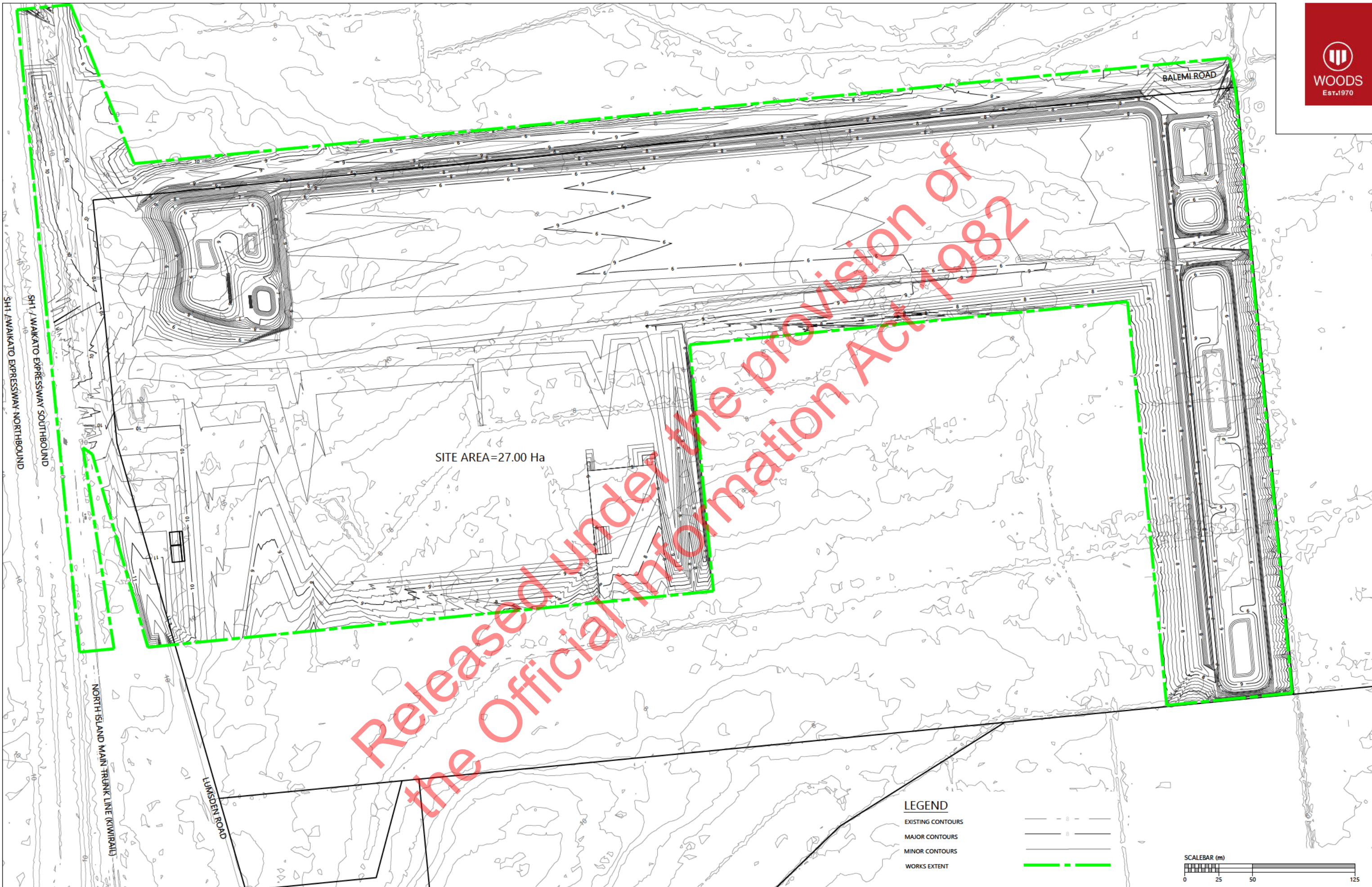
STATUS	ISSUED FOR CONSENT	REV
SCALE	1:2500 @ A3	1
COUNCIL	WAIKATO DISTRICT COUNCIL	
DWG NO	P19-138-RS-012-GE	







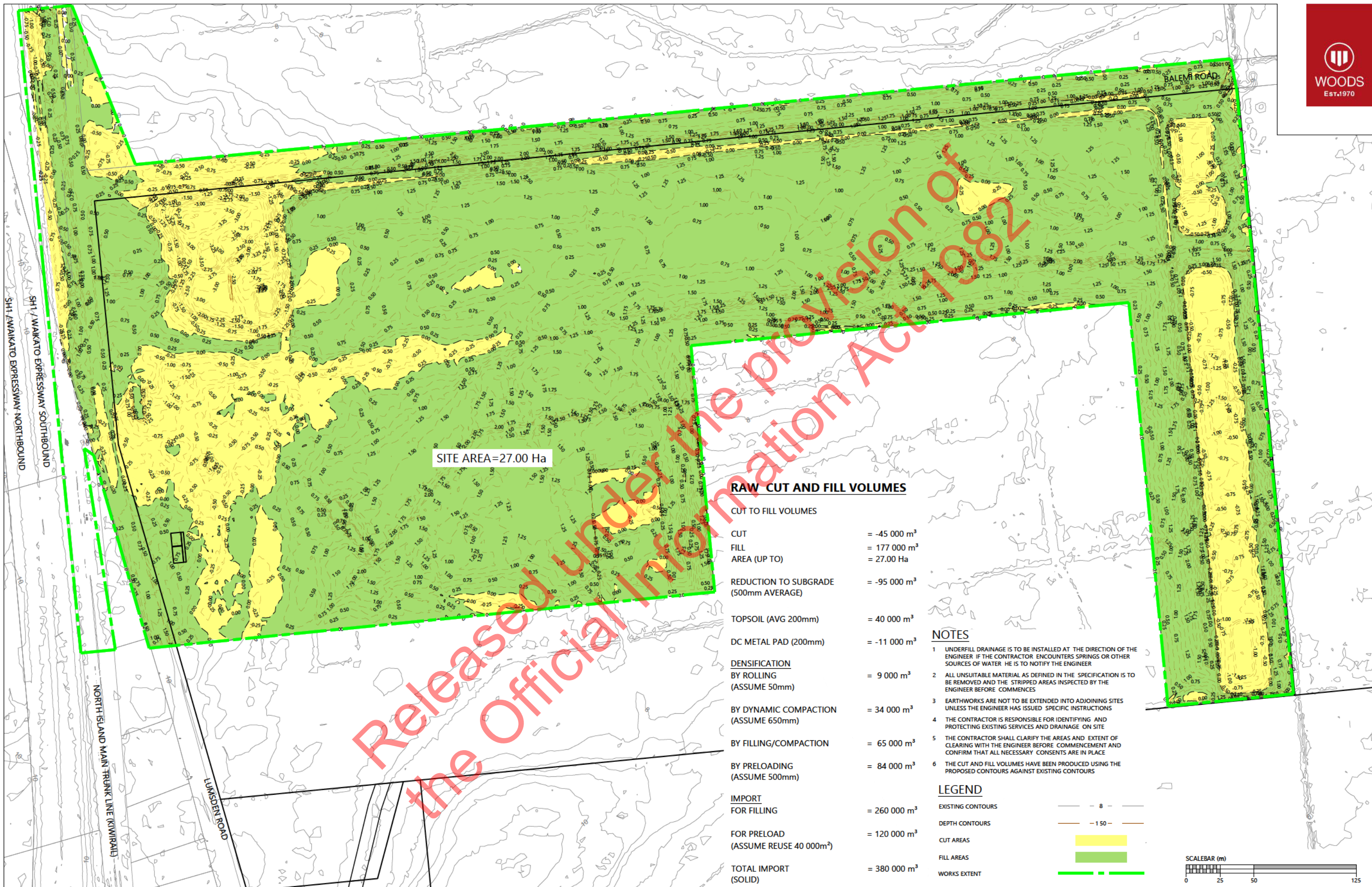
REVISION DETAILS		INT	DATE	SURVEYED	RH	<div>88 LUMSDEN ROAD OHINEWAI</div> <div></div> <div>WOODS.CO.NZ</div>	NZ COMFORT GROUP FACTORY			<div></div>	STATUS	ISSUED FOR CONSENT	REV
1	ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP		SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING				SCALE	1:2500 @ A3	1
				DRAWN	BP		EXISTING OVERALL CONTOURS PLAN <td>COUNCIL</td> <td>WAIKATO DISTRICT COUNCIL</td>				COUNCIL	WAIKATO DISTRICT COUNCIL	
				CHECKED	BF						DWG NO	P19-138-RS-100-EW	
				APPROVED									





REVISION DETAILS		INT	DATE	SURVEYED	RH	88 LUMSDEN ROAD OHINEWAI		<div>NZ COMFORT GROUP FACTORY</div> <div>SLEEPYHEAD FACTORY STAGES 1 &amp; 2 AND RAIL SIDING</div> <div>OVERALL PROPOSED CONTOURS PLAN</div>		STATUS	ISSUED FOR CONSENT	REV
1	ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP					SCALE	1:2500 @ A3	1
				DRAWN	BP					COUNCIL	WAIKATO DISTRICT COUNCIL	
				CHECKED	BF					DWG NO	P19-138-RS-110-EW	
				APPROVED						WOODS.CO.NZ		





SITE AREA=27.00 Ha

#### RAW CUT AND FILL VOLUMES

##### CUT TO FILL VOLUMES

CUT = -45 000 m<sup>3</sup>  
FILL = 177 000 m<sup>3</sup>  
AREA (UP TO) = 27.00 Ha

REDUCTION TO SUBGRADE (500mm AVERAGE) = -95 000 m<sup>3</sup>

TOPSOIL (AVG 200mm) = 40 000 m<sup>3</sup>

DC METAL PAD (200mm) = -11 000 m<sup>3</sup>

DENSIFICATION  
BY ROLLING (ASSUME 50mm) = 9 000 m<sup>3</sup>

BY DYNAMIC COMPACTION (ASSUME 650mm) = 34 000 m<sup>3</sup>

BY FILLING/COMPACTION = 65 000 m<sup>3</sup>

BY PRELOADING (ASSUME 500mm) = 84 000 m<sup>3</sup>

IMPORT  
FOR FILLING = 260 000 m<sup>3</sup>

FOR PRELOAD (ASSUME REUSE 40 000m<sup>3</sup>) = 120 000 m<sup>3</sup>

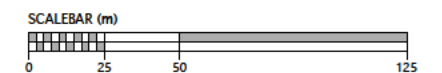
TOTAL IMPORT (SOLID) = 380 000 m<sup>3</sup>

#### NOTES

- UNDERFILL DRAINAGE IS TO BE INSTALLED AT THE DIRECTION OF THE ENGINEER. IF THE CONTRACTOR ENCOUNTERS SPRINGS OR OTHER SOURCES OF WATER HE IS TO NOTIFY THE ENGINEER
- ALL UNSUITABLE MATERIAL AS DEFINED IN THE SPECIFICATION IS TO BE REMOVED AND THE STRIPPED AREAS INSPECTED BY THE ENGINEER BEFORE COMMENCES
- EARTHWORKS ARE NOT TO BE EXTENDED INTO ADJOINING SITES UNLESS THE ENGINEER HAS ISSUED SPECIFIC INSTRUCTIONS
- THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND PROTECTING EXISTING SERVICES AND DRAINAGE ON SITE
- THE CONTRACTOR SHALL CLARIFY THE AREAS AND EXTENT OF CLEARING WITH THE ENGINEER BEFORE COMMENCEMENT AND CONFIRM THAT ALL NECESSARY CONSENTS ARE IN PLACE
- THE CUT AND FILL VOLUMES HAVE BEEN PRODUCED USING THE PROPOSED CONTOURS AGAINST EXISTING CONTOURS

#### LEGEND

EXISTING CONTOURS	- 8 -
DEPTH CONTOURS	- 1.50 -
CUT AREAS	
FILL AREAS	
WORKS EXTENT	



REVISION DETAILS		INT	DATE	SURVEYED	RH
1	ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP
				DRAWN	BP
				CHECKED	BF
				APPROVED	

88 LUMSDEN ROAD  
OHINEWAI

the  
comfort  
group

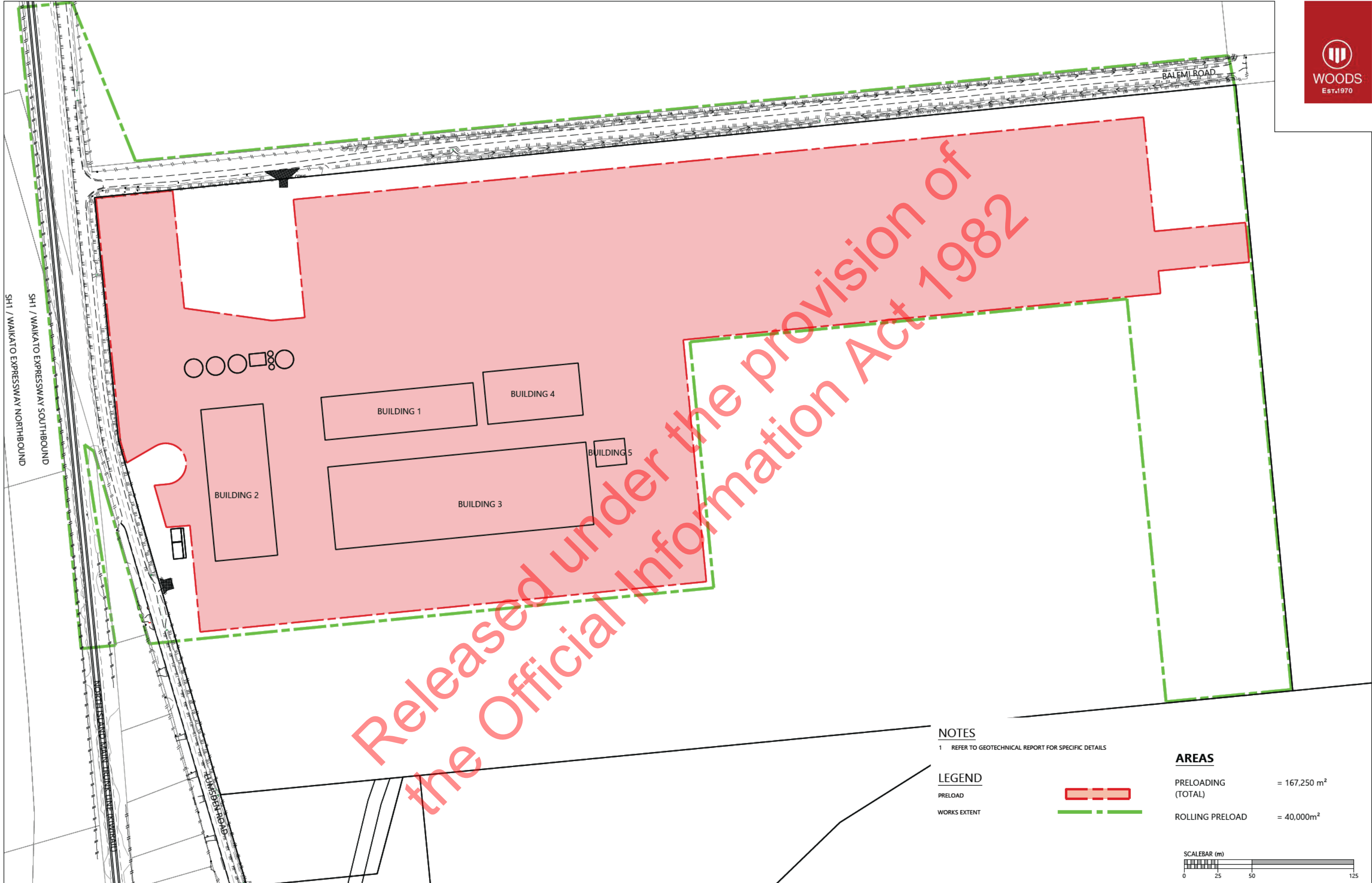
WOODS.CO.NZ

NZ COMFORT GROUP FACTORY  
SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING  
CUT FILL DEPTH CONTOURS PLAN - OVERALL



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:2500 @ A3	1
COUNCIL	WAIKATO DISTRICT COUNCIL	
DWG NO	P19-138-RS-120-EW	





NOTES  
1 REFER TO GEOTECHNICAL REPORT FOR SPECIFIC DETAILS

LEGEND  
PRELOAD  
WORKS EXTENT



AREAS  
PRELOADING (TOTAL) = 167,250 m<sup>2</sup>  
ROLLING PRELOAD = 40,000m<sup>2</sup>



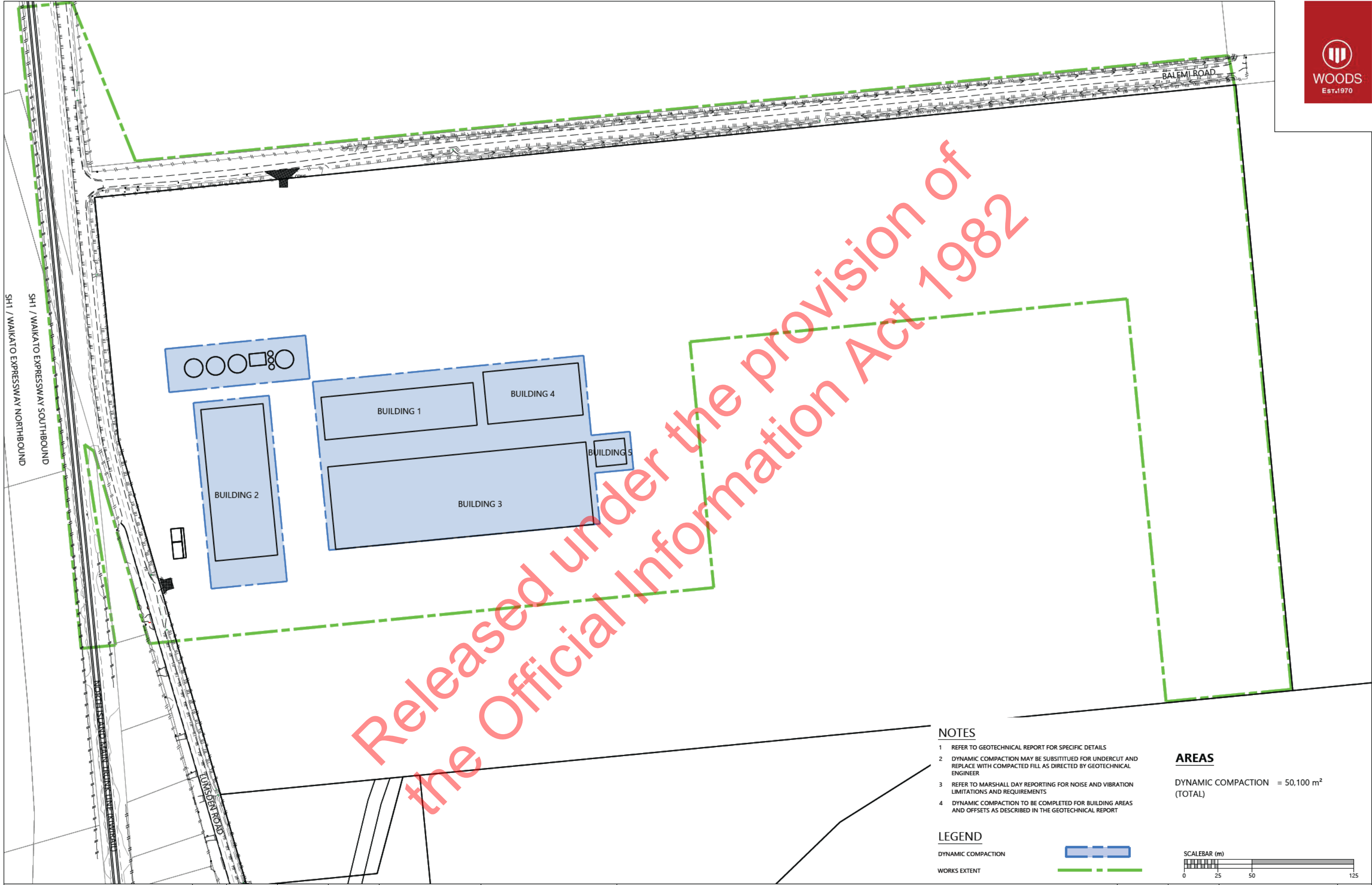
REVISION DETAILS		INT	DATE	SURVEYED	N/A	88 LUMSDEN ROAD OHINEWAI  WOODS.CO.NZ
1	ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP	
				DRAWN	BP	
				CHECKED	BP	
				APPROVED		



NZ COMFORT GROUP FACTORY  
SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING  
PRELOAD AREAS

STATUS	ISSUED FOR CONSENT	REV
SCALE	1:2500 @ A3	1
COUNCIL	WAIKATO DISTRICT COUNCIL	
DWG NO	P19-138-RS-130-EW	





Released under the provision of  
the Official Information Act 1982

- NOTES**
- 1 REFER TO GEOTECHNICAL REPORT FOR SPECIFIC DETAILS
  - 2 DYNAMIC COMPACTION MAY BE SUBSTITUTED FOR UNDERCUT AND REPLACE WITH COMPACTED FILL AS DIRECTED BY GEOTECHNICAL ENGINEER
  - 3 REFER TO MARSHALL DAY REPORTING FOR NOISE AND VIBRATION LIMITATIONS AND REQUIREMENTS
  - 4 DYNAMIC COMPACTION TO BE COMPLETED FOR BUILDING AREAS AND OFFSETS AS DESCRIBED IN THE GEOTECHNICAL REPORT

**LEGEND**


DYNAMIC COMPACTION 



WORKS EXTENT 

**AREAS**

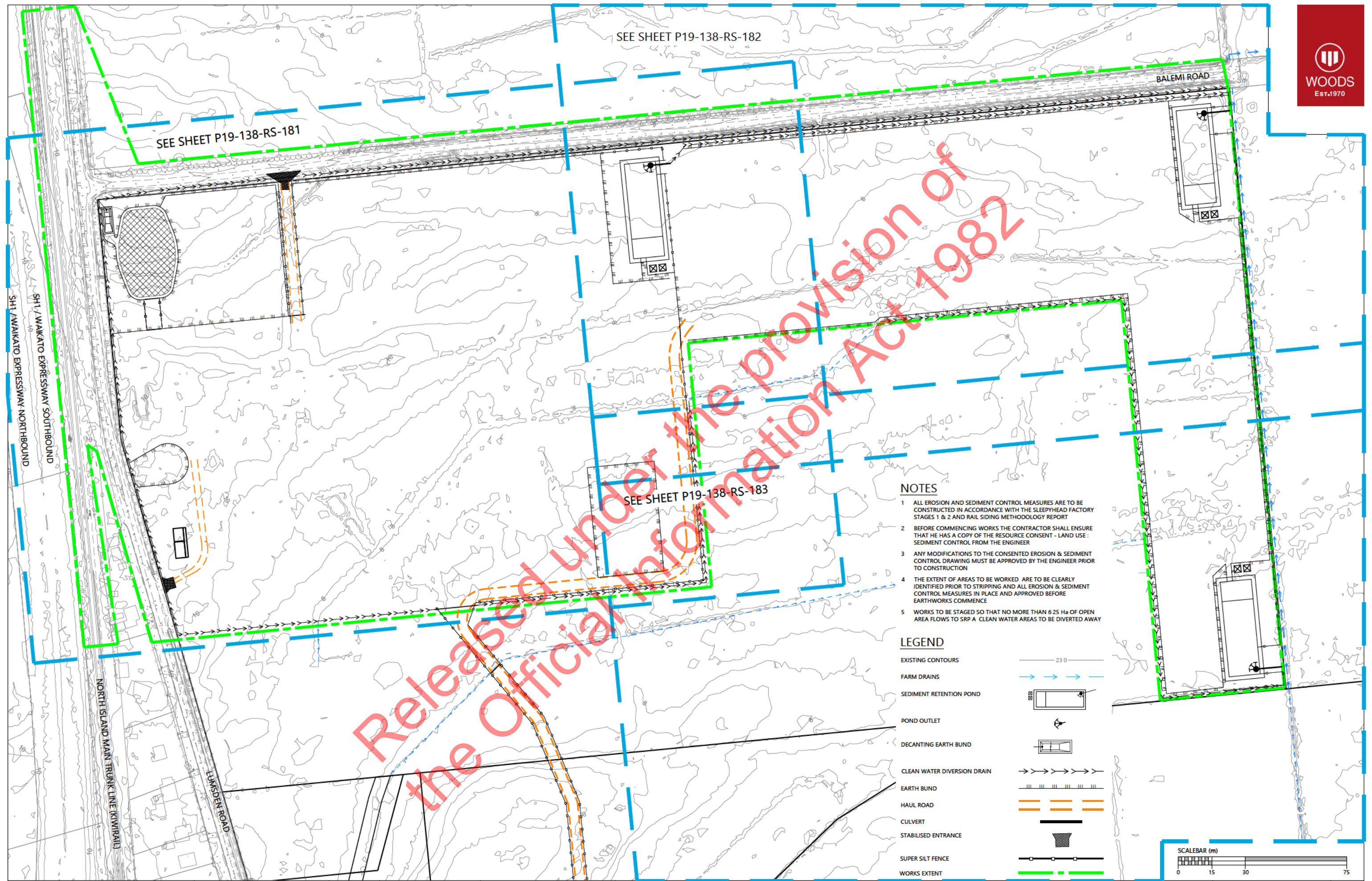
DYNAMIC COMPACTION = 50,100 m<sup>2</sup> (TOTAL)

SCALEBAR (m)



REVISION DETAILS		INT	DATE	SURVEYED	N/A	88 LUMSDEN ROAD OHINEWAI		NZ COMFORT GROUP FACTORY					STATUS	ISSUED FOR CONSENT	REV
1	ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP			SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING					SCALE	1:2500 @ A3	1
				DRAWN	BP			DYNAMIC COMPACTION AREAS					COUNCIL	WAIKATO DISTRICT COUNCIL	
				CHECKED	BP								DWG NO	P19-138-RS-131-EW	
				APPROVED				WOODS.CO.NZ							





### NOTES

- 1 ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING METHODOLOGY REPORT
- 2 BEFORE COMMENCING WORKS THE CONTRACTOR SHALL ENSURE THAT HE HAS A COPY OF THE RESOURCE CONSENT - LAND USE: SEDIMENT CONTROL FROM THE ENGINEER
- 3 ANY MODIFICATIONS TO THE CONSENTED EROSION & SEDIMENT CONTROL DRAWING MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION
- 4 THE EXTENT OF AREAS TO BE WORKED ARE TO BE CLEARLY IDENTIFIED PRIOR TO STRIPPING AND ALL EROSION & SEDIMENT CONTROL MEASURES IN PLACE AND APPROVED BEFORE EARTHWORKS COMMENCE
- 5 WORKS TO BE STAGED SO THAT NO MORE THAN 6.25 Ha OF OPEN AREA FLOWS TO SRP A. CLEAN WATER AREAS TO BE DIVERTED AWAY

### LEGEND

- EXISTING CONTOURS
- FARM DRAINS
- SEDIMENT RETENTION POND
- POND OUTLET
- DECANTING EARTH BUND
- CLEAN WATER DIVERSION DRAIN
- EARTH BUND
- HAUL ROAD
- CULVERT
- STABILISED ENTRANCE
- SUPER SILT FENCE
- WORKS EXTENT



REVISION DETAILS		INT	DATE	SURVEYED	RH
1	ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP
				DRAWN	BP
				CHECKED	BP
				APPROVED	

88 LUMSDEN ROAD  
OHINEWAI  
  
WOODS.CO.NZ

**the  
comfort  
group**

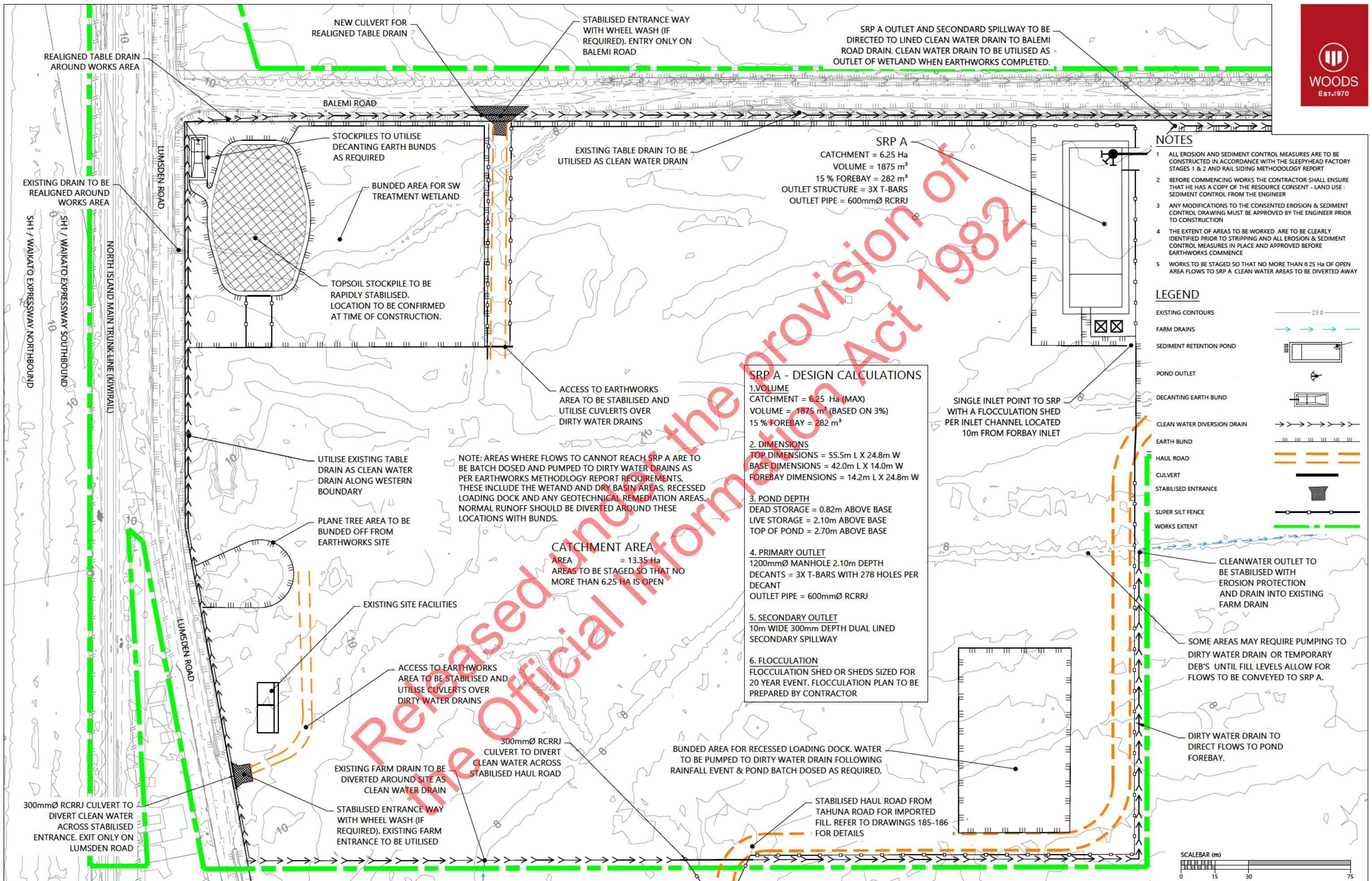
## NZ COMFORT GROUP FACTORY



### SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING EROSION & SEDIMENT CONTROL PLAN



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:1500 @ A3	1
COUNCIL	WAIKATO DISTRICT COUNCIL	
DWG NO	P19-138-RS-180-EW	





REVISION DETAILS		INT	DATE	SURVEYED	RH	88 LUMSDEN ROAD OHINEWAI		<div>NZ COMFORT GROUP FACTORY</div> <div>SLEEPYHEAD FACTORY STAGES 1 &amp; 2 AND RAIL SIDING</div> <div>EROSION &amp; SEDIMENT CONTROL PLAN - SRP A CATCHMENT</div>				STATUS	ISSUED FOR CONSENT	REV
1	ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP							SCALE	1:1500 @ A3	1
				DRAWN	BP							COUNCIL	WAIKATO DISTRICT COUNCIL	
				CHECKED	BP							DWG NO	P19-138-RS-181-EW	
				APPROVED								WOODS.CO.NZ		



## SRP B - DESIGN CALCULATIONS

### 1. VOLUME

CATCHMENT = 6.25 Ha (MAX)  
VOLUME = 1875 m<sup>3</sup> (BASED ON 3%)  
15 % FOREBAY = 282 m<sup>3</sup>

### 2. DIMENSIONS

TOP DIMENSIONS = 55.5m L X 24.8m W  
BASE DIMENSIONS = 42.0m L X 14.0m W  
FOREBAY DIMENSIONS = 14.2m L X 24.8m W

### 3. POND DEPTH

DEAD STORAGE = 0.82m ABOVE BASE  
LIVE STORAGE = 2.10m ABOVE BASE  
TOP OF POND = 2.70m ABOVE BASE

### 4. PRIMARY OUTLET

1200mmØ MANHOLE 2.10m DEPTH  
DECANTS = 3X T-BARS WITH 278 HOLES PER DECANT  
OUTLET PIPE = 600mmØ RCRRJ

### 5. SECONDARY OUTLET

10m WIDE 300mm DEPTH DUAL LINED  
SECONDARY SPILLWAY

### 6. FLOCCULATION

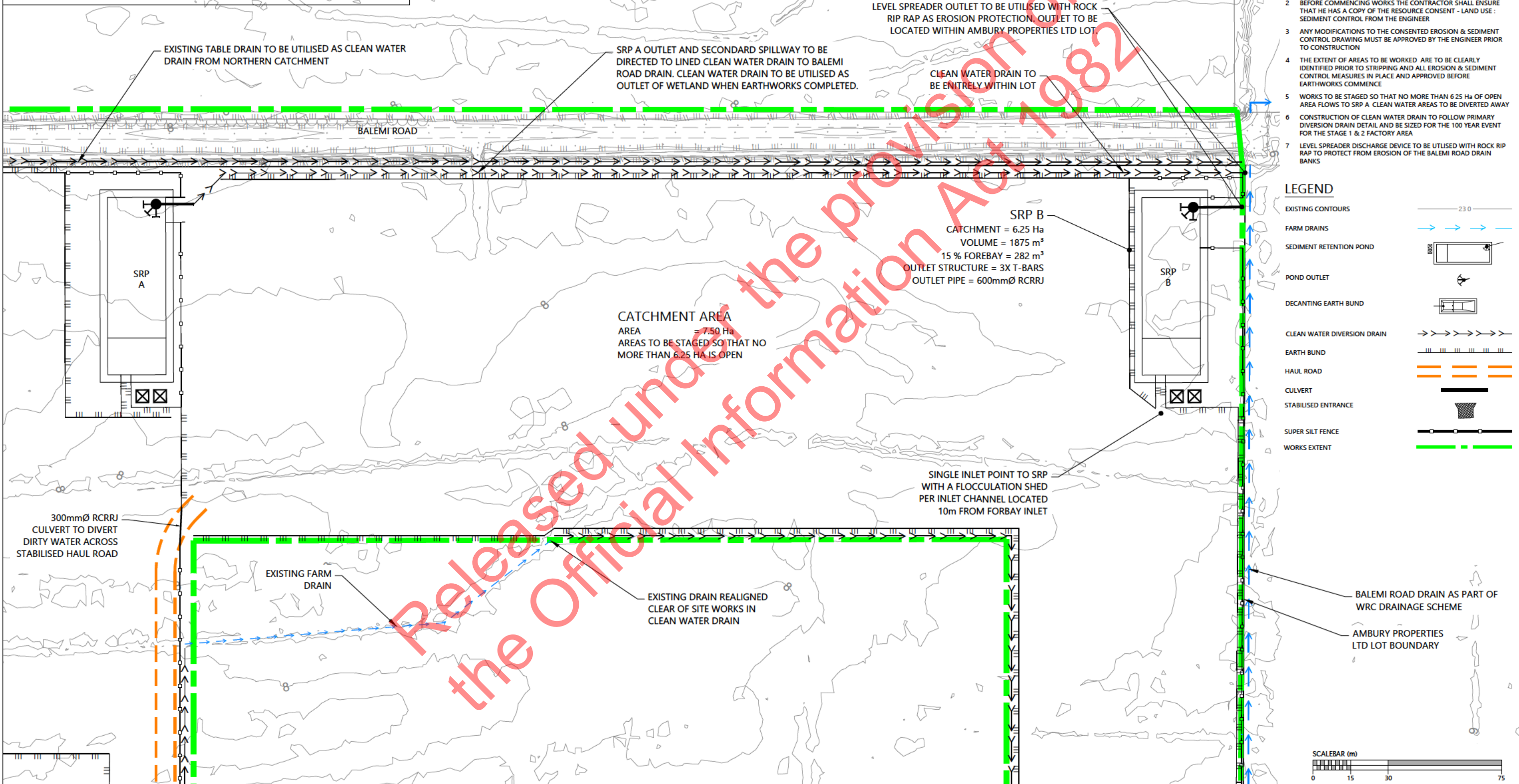
FLOCCULATION SHED OR SHEDS SIZED FOR  
20 YEAR EVENT. FLOCCULATION PLAN TO BE  
PREPARED BY CONTRACTOR

## NOTES

- ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING METHODOLOGY REPORT
- BEFORE COMMENCING WORKS THE CONTRACTOR SHALL ENSURE THAT HE HAS A COPY OF THE RESOURCE CONSENT - LAND USE : SEDIMENT CONTROL FROM THE ENGINEER
- ANY MODIFICATIONS TO THE CONSENTED EROSION & SEDIMENT CONTROL DRAWING MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION
- THE EXTENT OF AREAS TO BE WORKED ARE TO BE CLEARLY IDENTIFIED PRIOR TO STRIPPING AND ALL EROSION & SEDIMENT CONTROL MEASURES IN PLACE AND APPROVED BEFORE EARTHWORKS COMMENCE
- WORKS TO BE STAGED SO THAT NO MORE THAN 6.25 Ha OF OPEN AREA FLOWS TO SRP A. CLEAN WATER AREAS TO BE DIVERTED AWAY
- CONSTRUCTION OF CLEAN WATER DRAIN TO FOLLOW PRIMARY DIVERSION DRAIN DETAIL AND BE SIZED FOR THE 100 YEAR EVENT FOR THE STAGE 1 & 2 FACTORY AREA
- LEVEL SPREADER DISCHARGE DEVICE TO BE UTILISED WITH ROCK RIP RAP TO PROTECT FROM EROSION OF THE BALEMI ROAD DRAIN BANKS

## LEGEND

- EXISTING CONTOURS
- FARM DRAINS
- SEDIMENT RETENTION POND
- POND OUTLET
- DECANTING EARTH BUND
- CLEAN WATER DIVERSION DRAIN
- EARTH BUND
- HAUL ROAD
- CULVERT
- STABILISED ENTRANCE
- SUPER SILT FENCE
- WORKS EXTENT



REVISION DETAILS	INT	DATE	SURVEYED	RH
4 ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP
			DRAWN	BP
			CHECKED	BP
			APPROVED	

88 LUMSDEN ROAD  
OHINEWAI

**the comfort group**

WOODS.CO.NZ

## NZ COMFORT GROUP FACTORY

SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING  
EROSION & SEDIMENT CONTROL PLAN - SRP B CATCHMENT



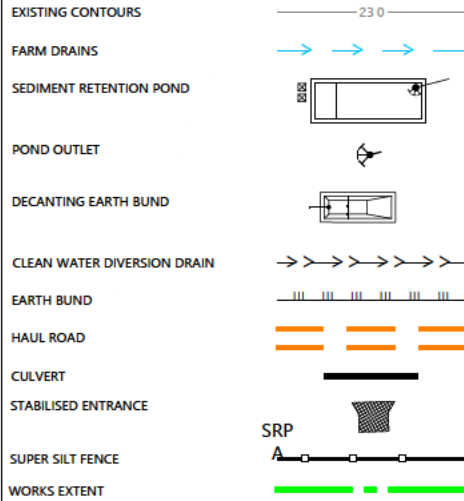
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SCALE	1:1500 @ A3	1
COUNCIL	WAIKATO DISTRICT COUNCIL	
DWG NO	P19-138-RS-182-EW	



## NOTES

- 1 ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING METHODOLOGY REPORT
- 2 BEFORE COMMENCING WORKS THE CONTRACTOR SHALL ENSURE THAT HE HAS A COPY OF THE RESOURCE CONSENT - LAND USE : SEDIMENT CONTROL FROM THE ENGINEER
- 3 ANY MODIFICATIONS TO THE CONSENTED EROSION & SEDIMENT CONTROL DRAWING MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION
- 4 THE EXTENT OF AREAS TO BE WORKED ARE TO BE CLEARLY IDENTIFIED PRIOR TO STRIPPING AND ALL EROSION & SEDIMENT CONTROL MEASURES IN PLACE AND APPROVED BEFORE EARTHWORKS COMMENCE
- 5 WORKS TO BE STAGED SO THAT NO MORE THAN 6.25 Ha OF OPEN AREA FLOWS TO SRP A. CLEAN WATER AREAS TO BE DIVERTED AWAY
- 6 CONSTRUCTION OF CLEAN WATER DRAIN TO FOLLOW PRIMARY DIVERSION DRAIN DETAIL AND BE SIZED FOR THE 100 YEAR EVENT FOR THE STAGE 1 & 2 FACTORY AREA
- 7 LEVEL SPREADER DISCHARGE DEVICE TO BE UTILISED WITH ROCK RIP RAP TO PROTECT FROM EROSION OF THE BALEMI ROAD DRAIN BANKS

## LEGEND



### SRP C - DESIGN CALCULATIONS

**1. VOLUME**  
CATCHMENT = 3.00 Ha (MAX)  
VOLUME = 900 m<sup>3</sup> (BASED ON 3%)  
15 % FOREBAY = 135 m<sup>3</sup>

**2. DIMENSIONS**  
TOP DIMENSIONS = 39.2m L X 19.5m W  
BASE DIMENSIONS = 25.5m L X 8.5m W  
FOREBAY DIMENSIONS = 9.5m L X 19.5m W

**3. POND DEPTH**  
DEAD STORAGE = 0.82m ABOVE BASE  
LIVE STORAGE = 2.10m ABOVE BASE  
TOP OF POND = 2.70m ABOVE BASE

**4. PRIMARY OUTLET**  
1200mmØ MANHOLE 2.10m DEPTH  
DECANTS = 2X T-BARS WITH 200 HOLES PER DECANT  
OUTLET PIPE = 450mmØ RCRRJ

**5. SECONDARY OUTLET**  
10m WIDE 300mm DEPTH DUAL LINED  
SECONDARY SPILLWAY

**6. FLOCCULATION**  
FLOCCULATION SHED OR SHEDS SIZED FOR 20 YEAR EVENT. FLOCCULATION PLAN TO BE PREPARED BY CONTRACTOR

### CATCHMENT AREA

AREA = 3.00 Ha

NOTE: SOME CATCHMENT OVERLAP WITH SRP B

SINGLE INLET POINT TO SRP WITH A FLOCCULATION SHED PER INLET CHANNEL LOCATED 10m FROM FORBAY INLET

BALEMI ROAD DRAIN AS PART OF WRC DRAINAGE SCHEME

AMBURY PROPERTIES LTD LOT BOUNDARY

SRP C  
CATCHMENT = 3.00 Ha

VOLUME = 900 m<sup>3</sup>

15 % FOREBAY = 135 m<sup>3</sup>

OUTLET STRUCTURE = 2X T-BARS

OUTLET PIPE = 450mmØ RCRRJ

CLEAN WATER DRAIN TO BE ENTIRELY WITHIN LOT

LEVEL SPREADER OUTLET TO BE UTILISED WITH ROCK RIP RAP AS EROSION PROTECTION. OUTLET TO BE LOCATED WITHIN AMBURY PROPERTIES LTD LOT.

EXISTING FARM DRAIN

SCALEBAR (m)



REVISION DETAILS	INT	DATE	SURVEYED	RH	
1 ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP	88 LUMSDEN ROAD OHINEWAI
			DRAWN	BP	
			CHECKED	BP	
			APPROVED		WOODS.CO.NZ

**the comfort group**

**NZ COMFORT GROUP FACTORY**  
SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING  
EROSION & SEDIMENT CONTROL PLAN - SRP C CATCHMENT



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:1500 @ A3	1
COUNCIL	WAIKATO DISTRICT COUNCIL	
DWG NO	P19-138-RS-183-EW	



**ACCESS ROAD CONSTRUCTION  
METHODOLOGY**

- 1 ACCESS ROAD CONSTRUCTION TO FOLLOW A CUT AND COVER METHODOLOGY
- 2 200m OF ACCESS TRACK TO BE OPEN AT ANY ONE TIME AND INSTANTLY STABILISED WITH CLOTH AND METAL AT THE END OF EACH WORKING DAY OR WHEN INCLEMENT WEATHER IS ANTICIPATED
- 3 TOPSOIL TO BE STRIPPED TO FORM BUNDS FOR CLEAN WATER DIVERSION AND DIRTY WATER IMPOUNDMENT
- 4 DIRTY WATER TO BE COLLECTED IN BUNDS AND PUMPED INTO TURKEY NESTS
- 5 ONCE STABILISED, HAUL ROAD CLEAN WATER AREA TO DISCHARGE INTO UPSTAND DECANTS AT REGULAR INTERVALS AND AT LOW POINTS
- 6 ENGINEER TO INSPECT SUBGRADE PRIOR TO PLACEMENT OF METAL TO ENSURE LOW CBR ARE REMEDIED
- 7 TEMPORARY FARMBOSS CULVERTS TO BE UTILISED AS CLEAN WATER DIVERSIONS ACROSS THE ACCESS ROAD

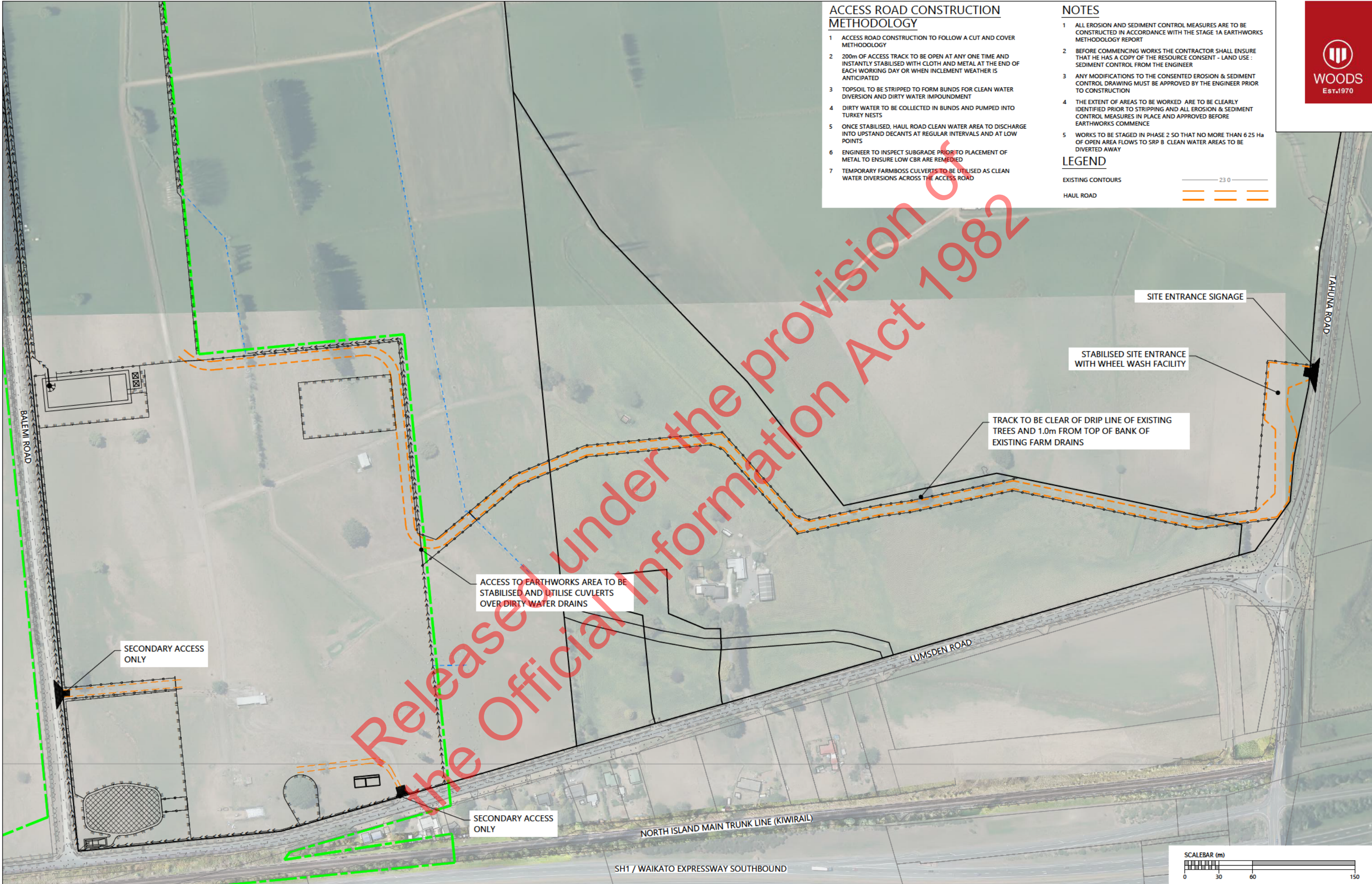
**NOTES**

- 1 ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE STAGE 1A EARTHWORKS METHODOLOGY REPORT
- 2 BEFORE COMMENCING WORKS THE CONTRACTOR SHALL ENSURE THAT HE HAS A COPY OF THE RESOURCE CONSENT - LAND USE : SEDIMENT CONTROL FROM THE ENGINEER
- 3 ANY MODIFICATIONS TO THE CONSENTED EROSION & SEDIMENT CONTROL DRAWING MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION
- 4 THE EXTENT OF AREAS TO BE WORKED ARE TO BE CLEARLY IDENTIFIED PRIOR TO STRIPPING AND ALL EROSION & SEDIMENT CONTROL MEASURES IN PLACE AND APPROVED BEFORE EARTHWORKS COMMENCE
- 5 WORKS TO BE STAGED IN PHASE 2 SO THAT NO MORE THAN 6.25 Ha OF OPEN AREA FLOWS TO SRP B. CLEAN WATER AREAS TO BE DIVERTED AWAY

**LEGEND**

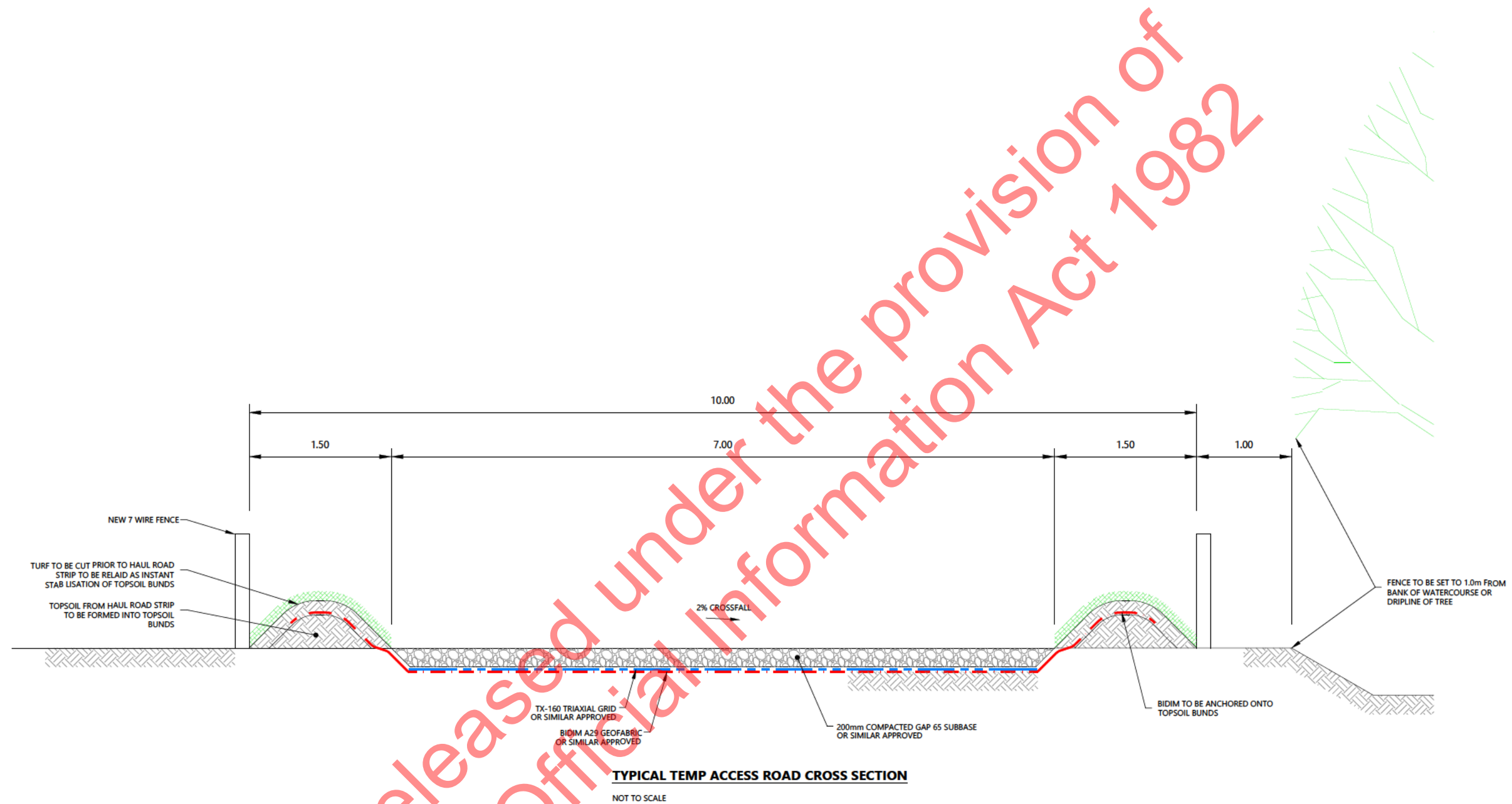
EXISTING CONTOURS  23.0

HAUL ROAD 



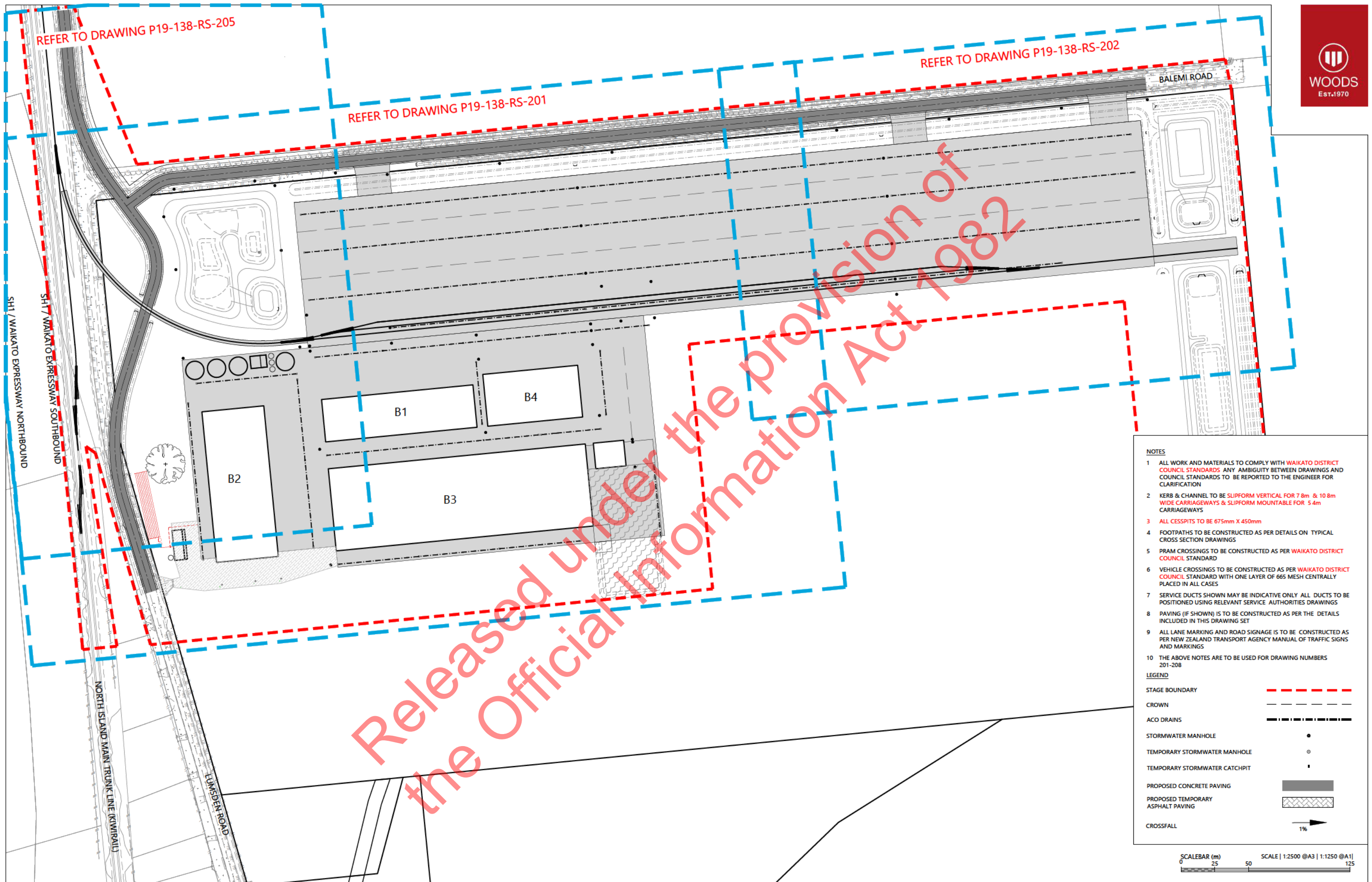
REVISION DETAILS		INT	DATE	SURVEYED	RH	88 LUMSDEN ROAD OHINEWAI		NZ COMFORT GROUP FACTORY			STATUS	ISSUED FOR CONSENT	REV
1	ISSUED FOR FAST TRACK CONSENT	BP	17/08/2020	DESIGNED	BP			SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING					
				DRAWN	BP			CONSTRUCTION HAUL ROAD LAYOUT					
				CHECKED	BP								
				APPROVED									
						WOODS.CO.NZ					DWG NO	P19-138-RS-185-EW	1





REVISION DETAILS					88 LUMSDEN ROAD OHINEWAI	the comfort group	NZ COMFORT GROUP FACTORY SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING CONSTRUCTION HAUL ROAD TYPICAL CROSS SECTION			STATUS		
1	ISSUED FOR FAST TRACK CONSENT	BP	17/08/2019	DESIGNED	BP					SCALE	ISSUED FOR CONSENT	REV
				DRAWN	BP					COUNCIL	WAIKATO DISTRICT COUNCIL	1
				CHECKED	BP					DWG NO	P19-138-RS-186-EW	
				APPROVED		WOODS.CO.NZ						





NOTES

- 1 ALL WORK AND MATERIALS TO COMPLY WITH WAIKATO DISTRICT COUNCIL STANDARDS. ANY AMBIGUITY BETWEEN DRAWINGS AND COUNCIL STANDARDS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION
- 2 KERB & CHANNEL TO BE SLIPFORM VERTICAL FOR 7.8m & 10.8m WIDE CARRIAGEWAYS & SLIPFORM MOUNTABLE FOR 5.4m CARRIAGEWAYS
- 3 ALL CESSPITS TO BE 675mm X 450mm
- 4 FOOTPATHS TO BE CONSTRUCTED AS PER DETAILS ON TYPICAL CROSS SECTION DRAWINGS
- 5 PRAM CROSSINGS TO BE CONSTRUCTED AS PER WAIKATO DISTRICT COUNCIL STANDARD
- 6 VEHICLE CROSSINGS TO BE CONSTRUCTED AS PER WAIKATO DISTRICT COUNCIL STANDARD WITH ONE LAYER OF 665 MESH CENTRALLY PLACED IN ALL CASES
- 7 SERVICE DUCTS SHOWN MAY BE INDICATIVE ONLY. ALL DUCTS TO BE POSITIONED USING RELEVANT SERVICE AUTHORITIES DRAWINGS
- 8 PAVING (IF SHOWN) IS TO BE CONSTRUCTED AS PER THE DETAILS INCLUDED IN THIS DRAWING SET
- 9 ALL LANE MARKING AND ROAD SIGNAGE IS TO BE CONSTRUCTED AS PER NEW ZEALAND TRANSPORT AGENCY MANUAL OF TRAFFIC SIGNS AND MARKINGS
- 10 THE ABOVE NOTES ARE TO BE USED FOR DRAWING NUMBERS 201-208

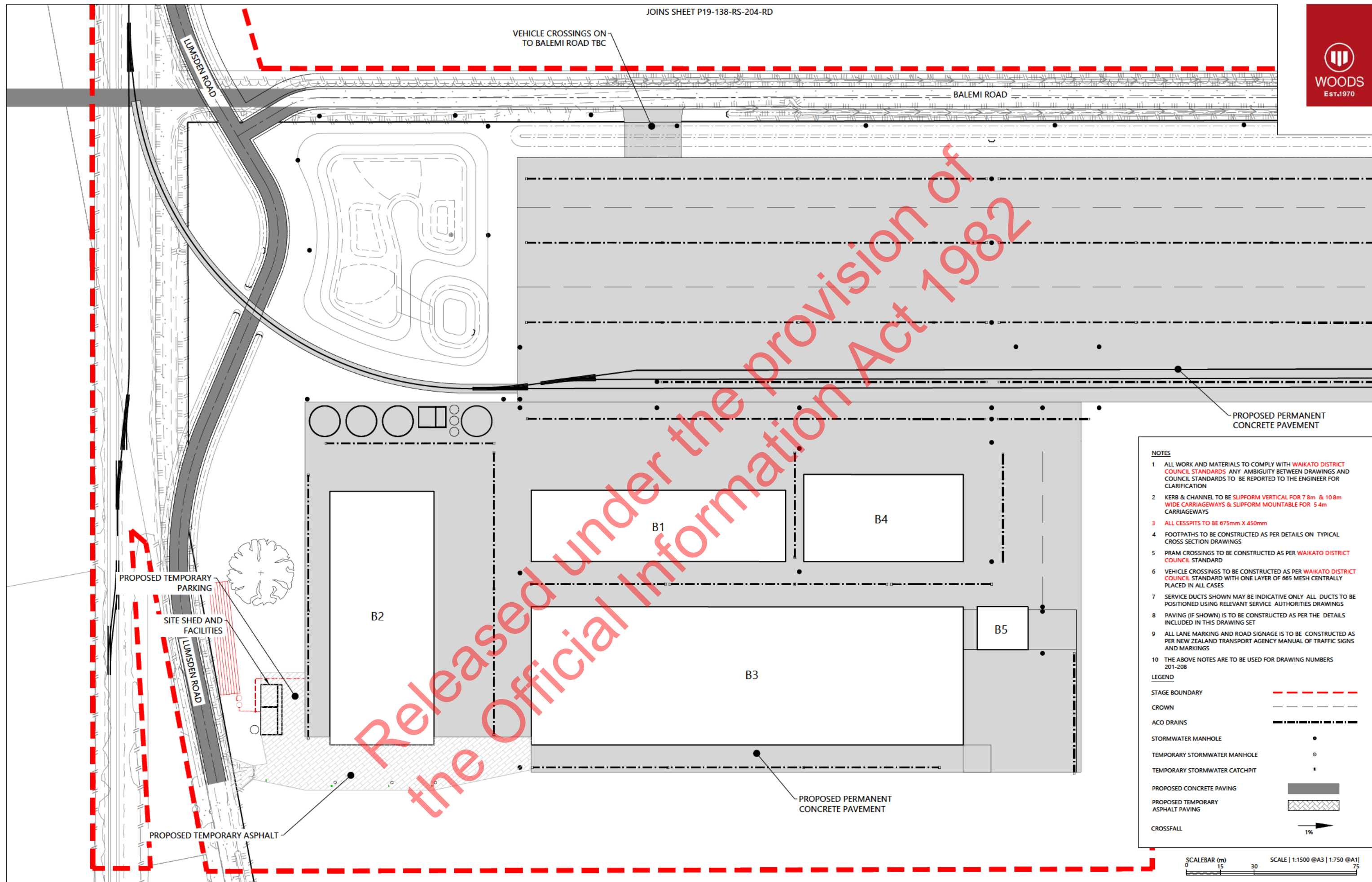
LEGEND

STAGE BOUNDARY	---
CROWN	---
ACO DRAINS	---
STORMWATER MANHOLE	●
TEMPORARY STORMWATER MANHOLE	○
TEMPORARY STORMWATER CATCHPIT	■
PROPOSED CONCRETE PAVING	■
PROPOSED TEMPORARY ASPHALT PAVING	■
CROSSFALL	1%

SCALEBAR (m) 0 25 50 SCALE | 1:2500 @A3 | 1:1250 @A1 | 1:625 @A2

REVISION DETAILS					INT	DATE	SURVEYED	RH	88 LUMSDEN ROAD OHINEWAI	the comfort group	NZ COMFORT GROUP FACTORY SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING PAVEMENT LAYOUT - OVERALL	STATUS	ISSUED FOR CONSENT	REV
1	ISSUED FOR FAST TRACK CONSENT													
				DESIGNED	BP	17/08/2020						SCALE	1:2500 @ A3	1
				DRAWN	HS							COUNCIL	WAIKATO DISTRICT COUNCIL	
				CHECKED	BP							DWG NO	P19-138-RS-200-RD	
				APPROVED					WOODS.CO.NZ					





REVISION DETAILS					88 LUMSDEN ROAD OHINEWAI	the comfort group	NZ COMFORT GROUP FACTORY SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING PAVEMENT LAYOUT - SHEET 1 OF 2			STATUS	ISSUED FOR CONSENT	REV
1	ISSUED FOR FAST TRACK CONSENT	HS	17/08/2020	DESIGNED	BP							
				DRAWN	HS					SCALE	1:1500 @ A3	1
				CHECKED	BP					COUNCIL	WAIKATO DISTRICT COUNCIL	
				APPROVED		WOODS.CO.NZ				DWG NO	P19-138-RS-201-RD	



PROPOSED PERMANENT  
CONCRETE PAVEMENT

VEHICLE CROSSINGS ON  
TO BALEMI ROAD TBC

UPGRADE OF BALEMI  
ROAD TO ALLOW FOR  
HEAVY TRAFFIC  
ASSOCIATED WITH RAIL  
SIDING OPERATION

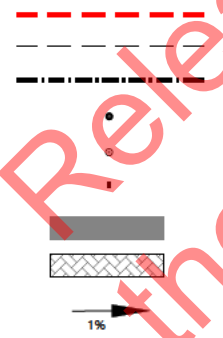
JOINS SHEET P19-138-RS-202-RD

#### NOTES

- 1 ALL WORK AND MATERIALS TO COMPLY WITH **WAIKATO DISTRICT COUNCIL STANDARDS**. ANY AMBIGUITY BETWEEN DRAWINGS AND COUNCIL STANDARDS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION
- 2 KERB & CHANNEL TO BE SLIPFORM VERTICAL FOR 7.8m & 10.8m WIDE CARRIAGEWAYS & SLIPFORM MOUNTABLE FOR 5.4m CARRIAGEWAYS
- 3 ALL CESSPITS TO BE 675mm X 450mm
- 4 FOOTPATHS TO BE CONSTRUCTED AS PER DETAILS ON TYPICAL CROSS SECTION DRAWINGS
- 5 PRAM CROSSINGS TO BE CONSTRUCTED AS PER **WAIKATO DISTRICT COUNCIL STANDARD**
- 6 VEHICLE CROSSINGS TO BE CONSTRUCTED AS PER **WAIKATO DISTRICT COUNCIL STANDARD** WITH ONE LAYER OF 665 MESH CENTRALLY PLACED IN ALL CASES
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- 10 THE ABOVE NOTES ARE TO BE USED FOR DRAWING NUMBERS 201-208

#### LEGEND

- STAGE BOUNDARY  
CROWN  
ACO DRAINS  
STORMWATER MANHOLE  
TEMPORARY STORMWATER MANHOLE  
TEMPORARY STORMWATER CATCHPIT  
PROPOSED CONCRETE PAVING  
PROPOSED TEMPORARY ASPHALT PAVING  
CROSSFALL



1%

PROPOSED PERMANENT  
CONCRETE PAVEMENT

PROPOSED PERMANENT  
CONCRETE PAVEMENT  
FOR RAIL SIDING  
EMBANKMENT

SCALEBAR (m) 0 10 20 50  
SCALE | 1:1000 @A3 | 1:500 @A1 |

REVISION DETAILS		INT	DATE	SURVEYED	RH
1	ISSUED FOR FAST TRACK CONSENT	HS	17/08/2020	DESIGNED	BP
				DRAWN	HS
				CHECKED	BP
				APPROVED	

88 LUMSDEN ROAD  
OHINEWAI

the  
comfort  
group

WOODS.CO.NZ

## NZ COMFORT GROUP FACTORY

SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING  
PAVEMENT LAYOUT - SHEET 2 OF 2



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:1000 @ A3	1
COUNCIL	WAIKATO DISTRICT COUNCIL	
DWG NO	P19-138-RS-202-RD	



NOTES

- 1 ALL WORK AND MATERIALS TO COMPLY WITH WAIKATO DISTRICT COUNCIL STANDARDS. ANY AMBIGUITY BETWEEN DRAWINGS AND COUNCIL STANDARDS TO BE REPORTED TO THE ENGINEER FOR CLARIFICATION
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LEGEND

STAGE BOUNDARY	
CROWN	
ACO DRAINS	
STORMWATER MANHOLE	
TEMPORARY STORMWATER MANHOLE	
TEMPORARY STORMWATER CATCHPIT	
PROPOSED CONCRETE PAVING	
PROPOSED ASPHALT PAVING	
CROSSFALL	

BALEMI ROAD UPGRADED TO INDUSTRIAL ROAD

BALEMI ROAD REALIGNED TO NEW LUMSDEN ROAD ALIGNMENT

WETLAND 1

CONCRETE RAIL LINE

LUMSDEN ROAD REALIGNED TO PERPENDICULAR TO RAIL SIDING

SCALEBAR (m) 0 10 20 50  
SCALE | 1:1000 @A3 | 1:500 @A1 |



REVISION DETAILS		INT	DATE	SURVEYED	RH	88 LUMSDEN ROAD OHINEWAI
1	ISSUED FOR FAST TRACK CONSENT	HS	17/08/2020	DESIGNED	BP	
				DRAWN	HS	
				CHECKED	BP	
				APPROVED		WOODS.CO.NZ

the  
comfort  
group

NZ COMFORT GROUP FACTORY  
SLEEPYHEAD FACTORY STAGES 1 & 2 AND RAIL SIDING  
INTERSECTION UPGRADE PLAN



STATUS	ISSUED FOR CONSENT	REV
SCALE	1:1000 @ A3	1
COUNCIL	WAIKATO DISTRICT COUNCIL	
DWG NO	P19-138-RS-205-RD	