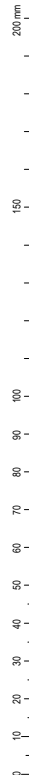




LEGEND	
— W —	PROPOSED WATER
- - - - -	PROPOSED RIDERMAIN
— SS —	PROPOSED SEWER

DO NOT SCALE - IF IN DOUBT, ASK



ORIGINAL SIZE A1



Water and wastewater pipe alignments shown on Stantec drawing C100, C101, C102, C103 & C108 is outdated. Please refer to HG drawing number D-401, D-402, D-403, D-404, D-405, D-406 & D-407 for updated pipe alignments.

CONNECT TO EXISTING WASTEWATER NETWORK

CONNECT TO EXISTING WATER NETWORK

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	BY	CHK	APP
A	CONCEPT DESIGN	18.05.21	RR	PB	RS
	REVISIONS		DRN	CHK	APP

SURVEYED		
DESIGNED	Rita Whitfield	05.21
DRAWN	Ruslan Riyaz	05.21
CAD REVIEW	Jim Hunt	17.05.21
DESIGN CHECK	Richard Slight	17.05.21
DESIGN REVIEW	Peter Brown	17.05.21
APPROVED	Richard Slight	17.05.21
PROF REGISTRATION:		

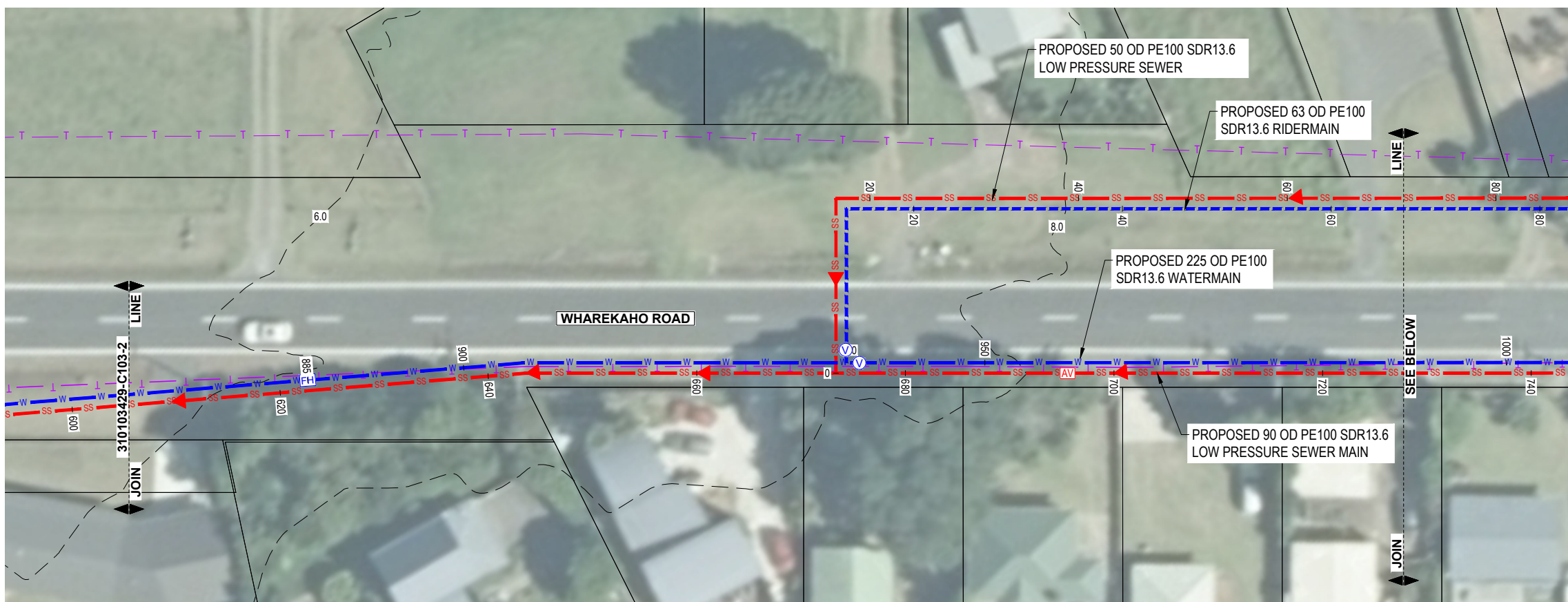


THAMES COROMANDEL DISTRICT COUNCIL
WHAREKAHO OPTIONS ASSESSMENT
OVERALL LAYOUT PLAN

Status Stamp	CONCEPTUAL
Date Stamp	18.05.21
Scales	NTS; Not to Scale
Drawing No.	310103429-01-001-C002
Rev.	A

DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1

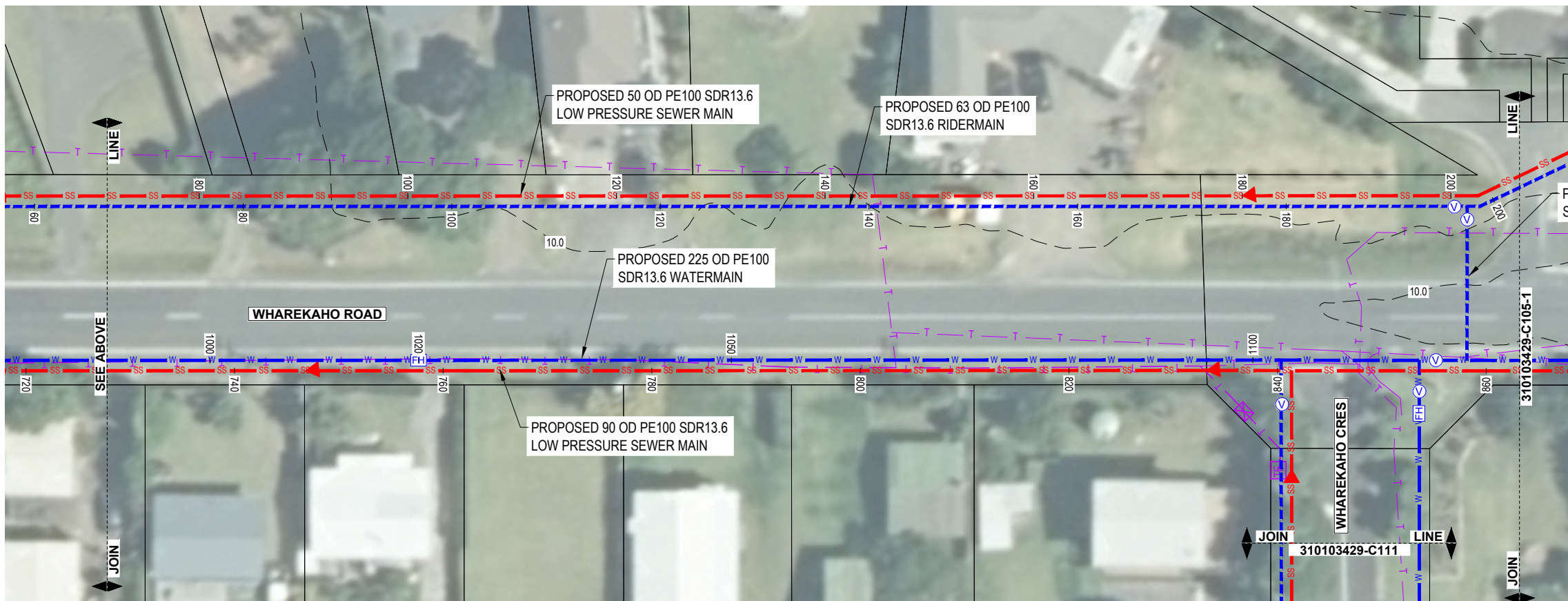


PLAN - C104-1
SCALE 1 : 250 (A1)

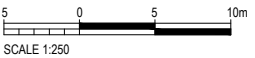
- NOTES**
1. PIPE, HYDRANT AND VALVE LOCATIONS ARE INDICATIVE ONLY FOR CONCEPT LEVEL DESIGN.
 2. PIPE SIZING IS INDICATIVE ONLY FOR CONCEPT LEVEL DESIGN.
 3. CONNECTIONS AND PROPERTY PUMP STATIONS ARE NOT SHOWN.
 4. PIPES, CABLES AND OTHER UTILITIES, FOUNDATIONS, LEVELS, REFERENCE MARKS AND OTHER OBSTRUCTIONS INDICATED ON THIS DRAWINGS ARE BASED ON READILY AVAILABLE RECORD PLANS AND OTHER INFORMATION. THIS INFORMATION MAY NOT BE COMPLETE, ACCURATE NOR UP TO DATE.
 5. CONTOURS ARE BASED ON TCDC 2m LIDAR DATA

LEGEND

	PROPOSED WATER
	PROPOSED RIDERMAIN
	PROPOSED SEWER
	EXISTING WATER
	EXISTING SEWER
	EXISTING STORMWATER
	VALVE NEW / EXISTING
	HYDRANT NEW / EXISTING
	NEW FLUSHING VALVE
	NEW AIR VALVE
	EXISTING CHORUS
	EXISTING HV POWER
	EXISTING LV POWER
	EXISTING POLES
	PROPERTY BOUNDARY
	EXISTING LINZ SURVEY MARK



PLAN - C104-2
SCALE 1 : 250 (A1)



REV	DESCRIPTION	DATE	BY	CHK	APP
A	CONCEPT DESIGN	18.05.21	RR	PB	RS
	REVISIONS				

SURVEYED		
DESIGNED	Rita Whitfield	05.21
DRAWN	Ruslan Riyaz	05.21
CAD REVIEW	Jim Hunt	17.05.21
DESIGN CHECK	Richard Slight	17.05.21
DESIGN REVIEW	Peter Brown	17.05.21
APPROVED	Richard Slight	17.05.21
PROF REGISTRATION:		



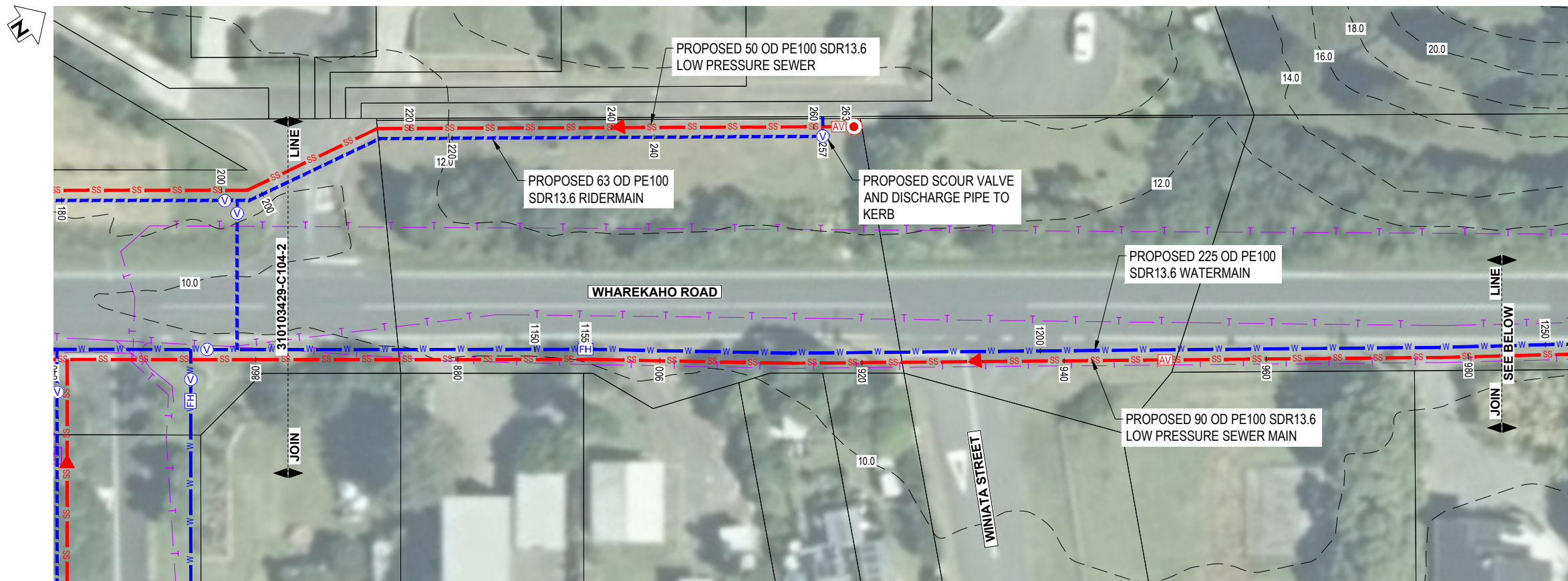
THAMES COROMANDEL DISTRICT COUNCIL
WHAREKAHO OPTIONS ASSESSMENT

WHAREKAHO ROAD
SHEET 3

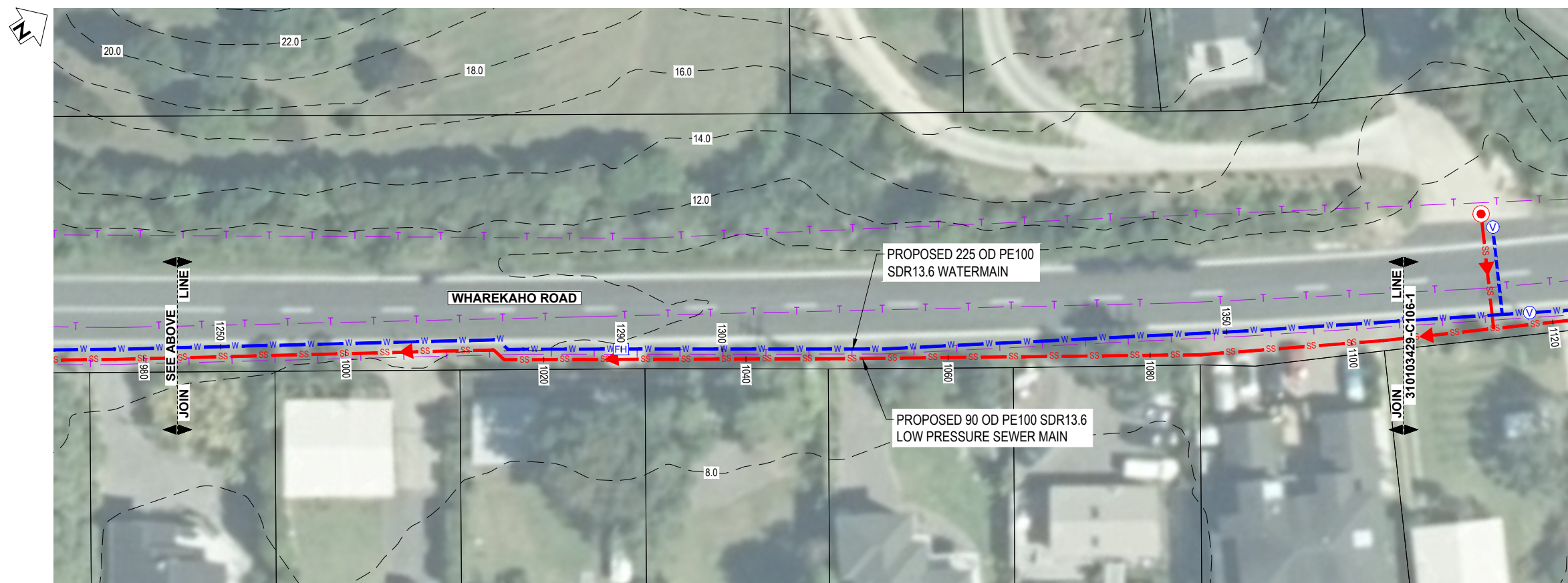
Status Stamp	CONCEPTUAL
Date Stamp	18.05.21
Scales	AS SHOWN
Drawing No.	310103429-01-100-C104
Rev.	A

DO NOT SCALE - IF IN DOUBT, ASK

ORIGINAL SIZE A1



PLAN - C105-1
SCALE 1 : 250 (A1)



PLAN - C105-2
SCALE 1 : 250 (A1)

NOTES

1. PIPE, HYDRANT AND VALVE LOCATIONS ARE INDICATIVE ONLY FOR CONCEPT LEVEL DESIGN.
2. PIPE SIZING IS INDICATIVE ONLY FOR CONCEPT LEVEL DESIGN.
3. CONNECTIONS AND PROPERTY PUMP STATIONS ARE NOT SHOWN.
4. PIPES, CABLES AND OTHER UTILITIES, FOUNDATIONS, LEVELS, REFERENCE MARKS AND OTHER OBSTRUCTIONS INDICATED ON THIS DRAWINGS ARE BASED ON READILY AVAILABLE RECORD PLANS AND OTHER INFORMATION. THIS INFORMATION MAY NOT BE COMPLETE, ACCURATE NOR UP TO DATE.
5. CONTOURS ARE BASED ON TCDC 2m LIDAR DATA

LEGEND

- W PROPOSED WATER
- SS PROPOSED RIDERMAIN
- SS PROPOSED SEWER
- W EXISTING WATER
- SS EXISTING SEWER
- SW EXISTING STORMWATER
- V VALVE NEW / EXISTING
- FH HYDRANT NEW / EXISTING
- AV NEW FLUSHING VALVE
- AV NEW AIR VALVE
- T EXISTING CHORUS
- HV EXISTING HV POWER
- LV EXISTING LV POWER
- EXISTING POLES
- PROPERTY BOUNDARY
- SM EXISTING LINZ SURVEY MARK

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	BY	CHK	APP
A	CONCEPT DESIGN	18.05.21	RR	PB	RS
	REVISIONS		DRN	CHK	APP

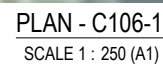
SURVEYED	DESIGNED	DRAWN	CAD REVIEW	DESIGN CHECK	DESIGN REVIEW	APPROVED	PROF REGISTRATION
	Rita Whitfield	Ruslaan Riyaz	Jim Hunt	Richard Slight	Peter Brown	Richard Slight	
	05.21	05.21	17.05.21	17.05.21	17.05.21	17.05.21	



















THAMES COROMANDEL DISTRICT COUNCIL
WHAREKAHO OPTIONS ASSESSMENT

WHAREKAHO ROAD
SHEET 4

Status Stamp	Date Stamp	Scales	Drawing No.	Rev.
CONCEPTUAL	18.05.21	AS SHOWN	310103429-01-100-C105	A



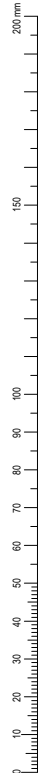
- ## NOTES
1. PIPE, HYDRANT AND VALVE LOCATIONS ARE INDICATIVE ONLY FOR CONCEPT LEVEL DESIGN.
 2. PIPE SIZING IS INDICATIVE ONLY FOR CONCEPT LEVEL DESIGN.
 3. CONNECTIONS AND PROPERTY PUMP STATIONS ARE NOT SHOWN.
 4. PIPES, CABLES AND OTHER UTILITIES, FOUNDATIONS, LEVELS, REFERENCE MARKS AND OTHER OBSTRUCTIONS INDICATED ON THIS DRAWINGS ARE BASED ON READILY AVAILABLE RECORD PLANS AND OTHER INFORMATION. THIS INFORMATION MAY NOT BE COMPLETE, ACCURATE NOR UP TO DATE.
 5. CONTOURS ARE BASED ON TCDC 2m LIDAR DATA

- ### LEGEND
- | | | |
|---|------|---------------------------|
|  | W | PROPOSED WATER |
|  | | PROPOSED RIDERMAIN |
|  | SS | PROPOSED SEWER |
|  | W | EXISTING WATER |
|  | SS | EXISTING SEWER |
|  | SW | EXISTING STORMWATER |
|  | (V) | VALVE NEW / EXISTING |
|  | (FH) | HYDRANT NEW / EXISTING |
|  | | NEW FLUSHING VALVE |
|  | (AV) | NEW AIR VALVE |
|  | T | EXISTING CHORUS |
|  | HV | EXISTING HV POWER |
|  | LV | EXISTING LV POWER |
|  | | EXISTING POLES |
|  | | PROPERTY BOUNDARY |
|  | SM | EXISTING LINZ SURVEY MARK |

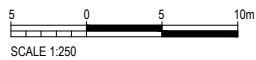
NOT FOR CONSTRUCTION

										SURVEYED				Client 	THAMES COROMANDEL DISTRICT COUNCIL		Status Stamp CONCEPTUAL	
										DESIGNED Rita Whitfield 05.21					WHAREKAHO OPTIONS ASSESSMENT		Date Stamp 18.05.21	
										DRAWN Ruslean Royaz 05.21								
										CAD REVIEW Jim Hunt 17.05.21								
										DESIGN CHECK Richard Slight 17.05.21								
										DESIGN REVIEW Peter Brown 17.05.21								
										APPROVED Richard Slight 17.05.21					Scales AS SHOWN			
										PROF REGISTRATION:					Drawing No. 310103429-01-100-C106		Rev A	
A REV CONCEPT DESIGN										RR	PB	RS	18.05.21					
REVISIONS										DRN	CHK	APP	DATE					

DO NOT SCALE - IF IN DOUBT, ASK



ORIGINAL SIZE A1



REV	DESCRIPTION	DATE	BY	CHK	APP
A	CONCEPT DESIGN	18.05.21	RR	PB	RS
	REVISIONS		DRN	CHK	APP

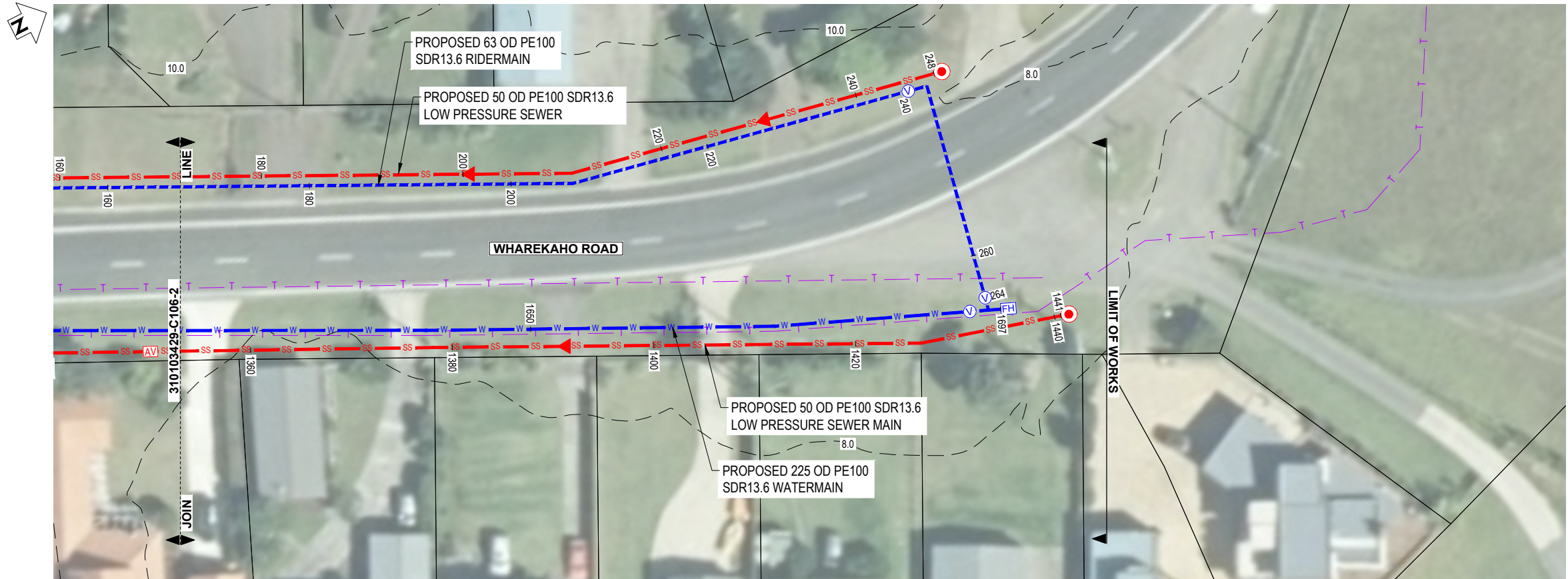
SURVEYED		
DESIGNED	Rita Whitfield	05.21
DRAWN	Ruslaan Riyaz	05.21
CAD REVIEW	Jim Hunt	17.05.21
DESIGN CHECK	Richard Slight	17.05.21
DESIGN REVIEW	Peter Brown	17.05.21
APPROVED	Richard Slight	17.05.21
PROF REGISTRATION:		



THAMES COROMANDEL DISTRICT COUNCIL
WHAREKAHO OPTIONS ASSESSMENT

WHAREKAHO ROAD
SHEET 6

Status Stamp	CONCEPTUAL
Date Stamp	18.05.21
Scales	AS SHOWN
Drawing No.	310103429-01-100-C107
Rev.	A

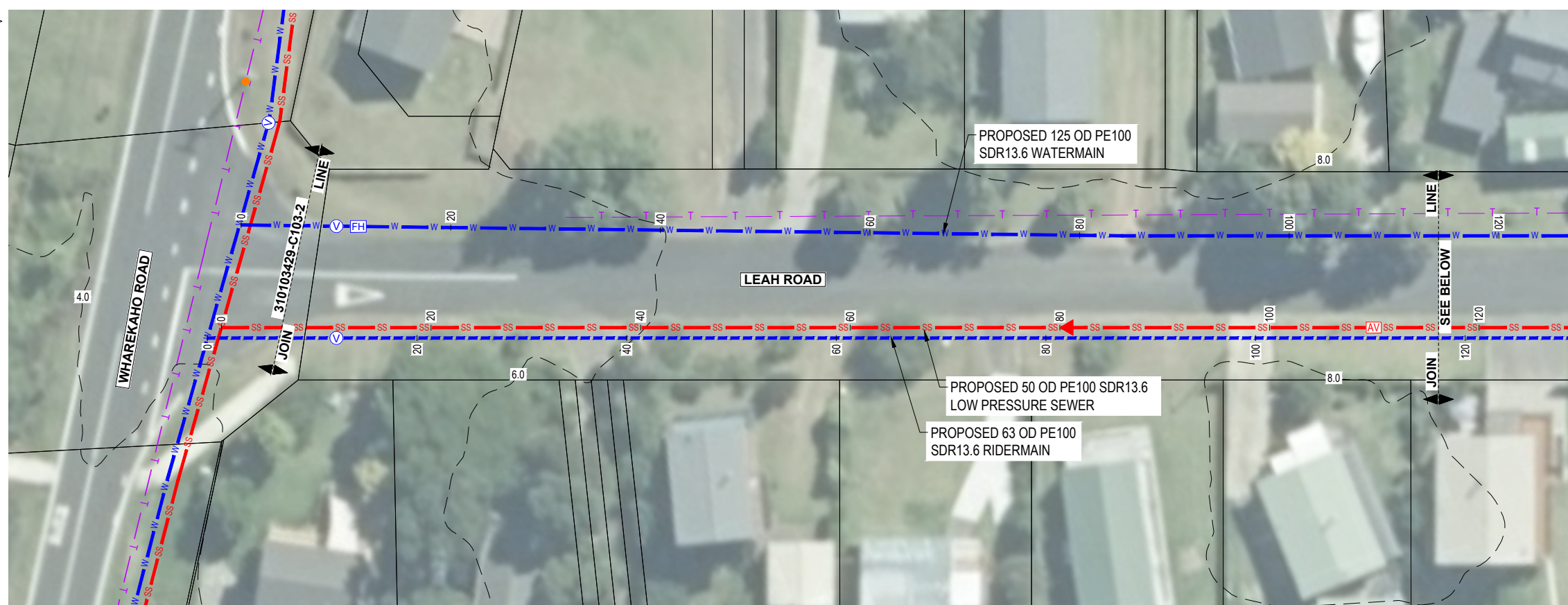


PLAN - C107
SCALE 1 : 250 (A1)

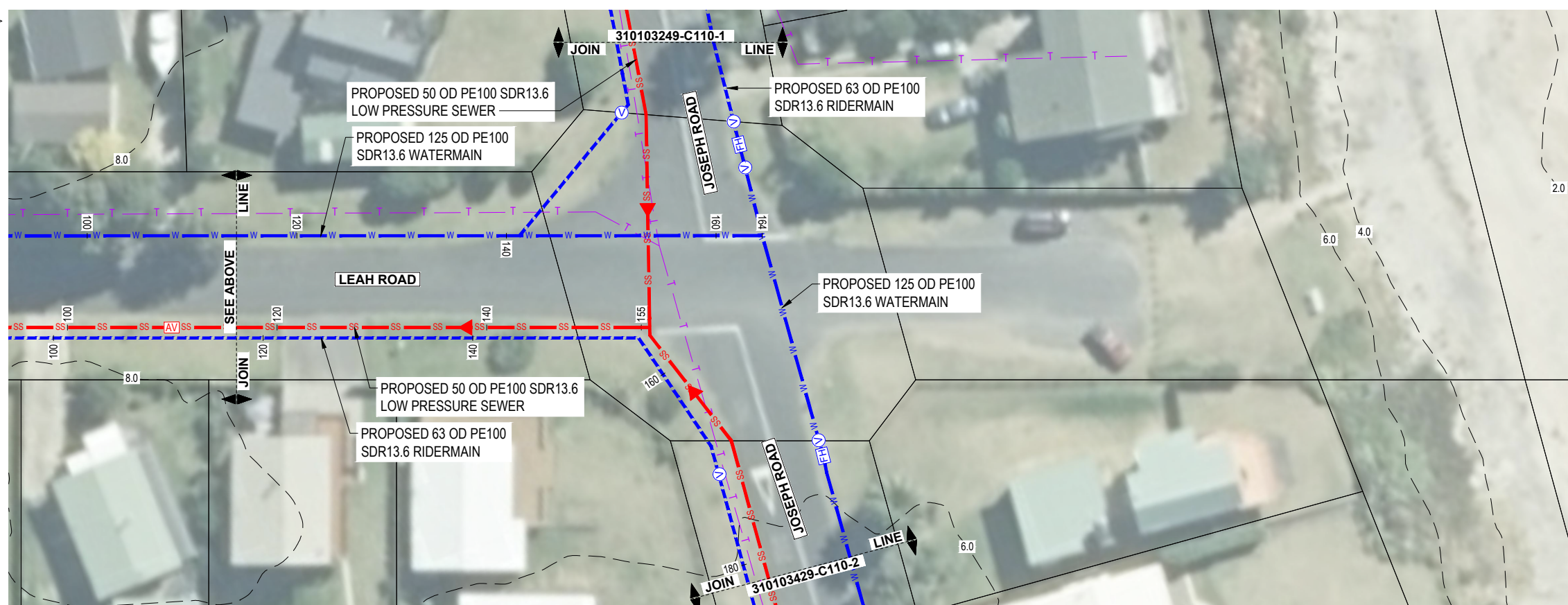
- NOTES**
- PIPE, HYDRANT AND VALVE LOCATIONS ARE INDICATIVE ONLY FOR CONCEPT LEVEL DESIGN.
 - PIPE SIZING IS INDICATIVE ONLY FOR CONCEPT LEVEL DESIGN.
 - CONNECTIONS AND PROPERTY PUMP STATIONS ARE NOT SHOWN.
 - PIPES, CABLES AND OTHER UTILITIES, FOUNDATIONS, LEVELS, REFERENCE MARKS AND OTHER OBSTRUCTIONS INDICATED ON THIS DRAWINGS ARE BASED ON READILY AVAILABLE RECORD PLANS AND OTHER INFORMATION. THIS INFORMATION MAY NOT BE COMPLETE, ACCURATE NOR UP TO DATE.
 - CONTOURS ARE BASED ON TCDC 2m LIDAR DATA

LEGEND	
	PROPOSED WATER
	PROPOSED RIDERMAIN
	PROPOSED SEWER
	EXISTING WATER
	EXISTING SEWER
	EXISTING STORMWATER
	VALVE NEW / EXISTING
	HYDRANT NEW / EXISTING
	NEW FLUSHING VALVE
	NEW AIR VALVE
	EXISTING CHORUS
	EXISTING HV POWER
	EXISTING LV POWER
	EXISTING POLES
	PROPERTY BOUNDARY
	EXISTING LINZ SURVEY MARK

NOT FOR CONSTRUCTION



PLAN - C109-1
SCALE 1 : 250 (A1)





















PLAN - C109-2
SCALE 1 : 250 (A1)

NOTES

1. PIPE, HYDRANT AND VALVE LOCATIONS ARE INDICATIVE ONLY FOR CONCEPT LEVEL DESIGN.
2. PIPE SIZING IS INDICATIVE ONLY FOR CONCEPT LEVEL DESIGN.
3. CONNECTIONS AND PROPERTY PUMP STATIONS ARE NOT SHOWN.
4. PIPES, CABLES AND OTHER UTILITIES, FOUNDATIONS, LEVELS, REFERENCE MARKS AND OTHER OBSTRUCTIONS INDICATED ON THIS DRAWINGS ARE BASED ON READILY AVAILABLE RECORD PLANS AND OTHER INFORMATION. THIS INFORMATION MAY NOT BE COMPLETE, ACCURATE NOR UP TO DATE.
5. CONTOURS ARE BASED ON TCDC 2m LIDAR DATA

LEGEND

- | | | |
|---|---|---------------------------|
|  | W | PROPOSED WATER |
|  | | PROPOSED RIDERMAIN |
|  | SS | PROPOSED SEWER |
|  | W | EXISTING WATER |
|  | SS | EXISTING SEWER |
|  | SW | EXISTING STORMWATER |
|  |  | VALVE NEW / EXISTING |
|  |  | HYDRANT NEW / EXISTING |
|  | | NEW FLUSHING VALVE |
|  | | NEW AIR VALVE |
|  | T | EXISTING CHORUS |
|  | HV | EXISTING HV POWER |
|  | LV | EXISTING LV POWER |
|  | | EXISTING POLES |
|  | | PROPERTY BOUNDARY |
|  | | EXISTING LINZ SURVEY MARK |

NOT FOR CONSTRUCTION

CONCEPTUAL

Date Stamp 18.05.21

Scales AS SHOWN

Drawing No.
310103429-01-100-C109

Rev.

								SURVEYED		
								DESIGNED	Rita Whitfield	05.21
								DRAWN	Ruslaan Royaz	05.21
								CAD REVIEW	Jim Hunt	17.05.21
								DESIGN CHECK	Richard Slight	17.05.21
								DESIGN REVIEW	Peter Brown	17.05.21
A REV	CONCEPT DESIGN					RR DRN	PB CHK	RS APP	18.05.21	DATE
	REVISIONS							APPROVED	Richard Slight	17.05.21
								PROF REGISTRATION:		



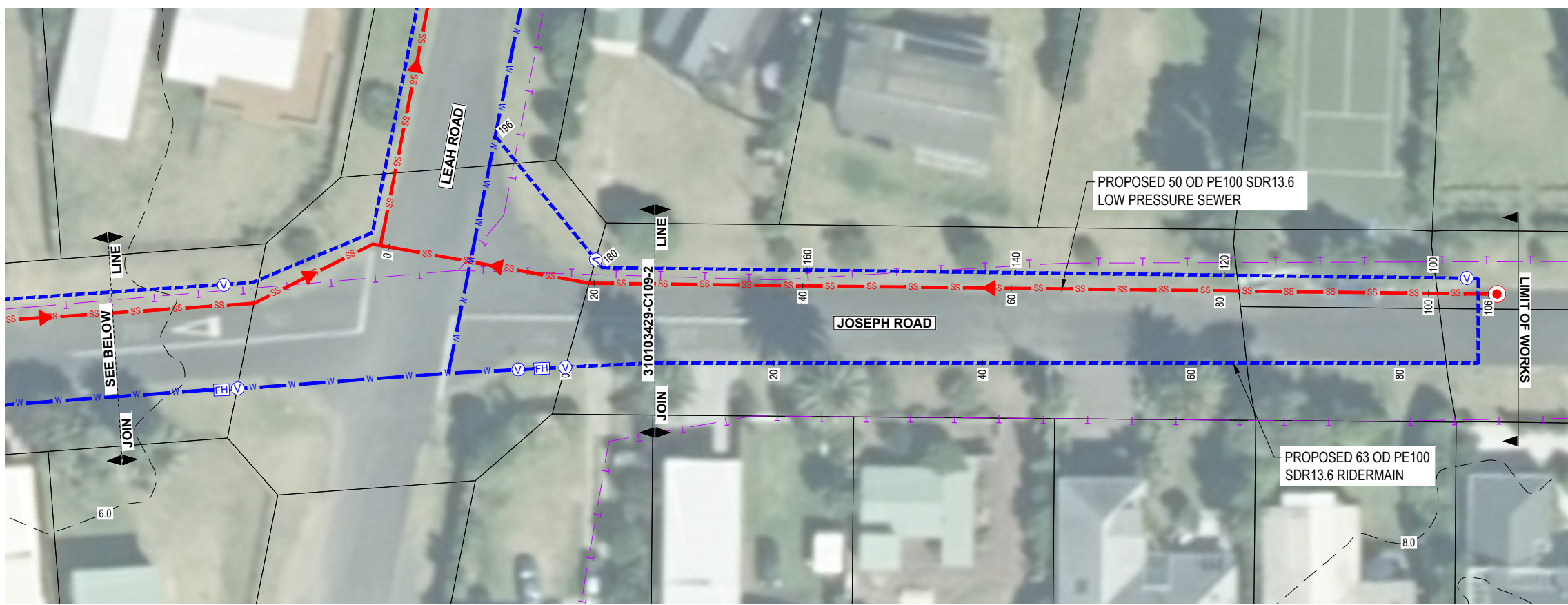
THAMES COROMANDEL DISTRICT COUNCIL
WHAREKAHO OPTIONS ASSESSMENT

LEAH ROAD - JOSEPH ROAD
SHEET 1

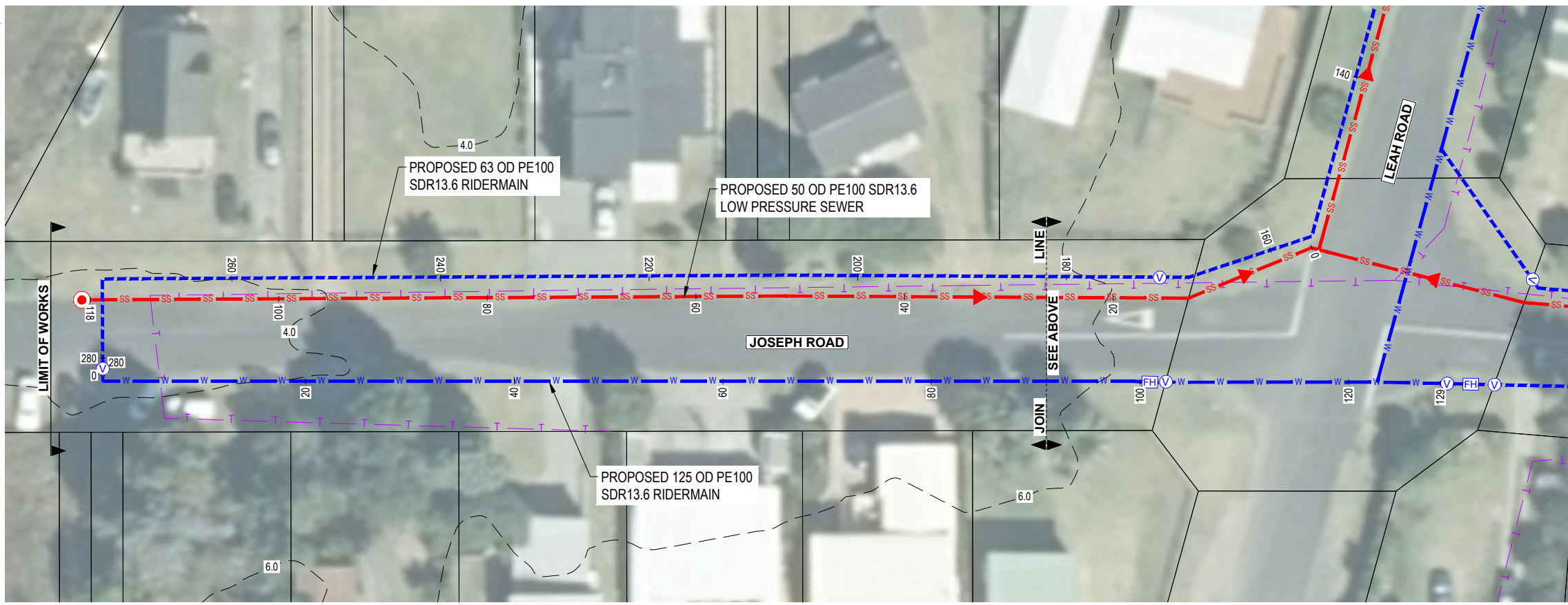
pw:\\stantec-ap-pw.bentley.com:stantec-ap-pw-01\\Documents\\New Zealand Clients\\Thames-Coromandel District Council\\310103429 - Wharekaho Options Assessment\\01\\Civil\\310103429-01-100-C10

DO NOT SCALE - IF IN DOUBT, ASK

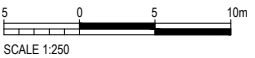
ORIGINAL SIZE A1



PLAN - C110-1
SCALE 1 : 250 (A1)



PLAN - C110-2
SCALE 1 : 250 (A1)



- NOTES**
1. PIPE, HYDRANT AND VALVE LOCATIONS ARE INDICATIVE ONLY FOR CONCEPT LEVEL DESIGN.
 2. PIPE SIZING IS INDICATIVE ONLY FOR CONCEPT LEVEL DESIGN.
 3. CONNECTIONS AND PROPERTY PUMP STATIONS ARE NOT SHOWN.
 4. PIPES, CABLES AND OTHER UTILITIES, FOUNDATIONS, LEVELS, REFERENCE MARKS AND OTHER OBSTRUCTIONS INDICATED ON THIS DRAWINGS ARE BASED ON READILY AVAILABLE RECORD PLANS AND OTHER INFORMATION. THIS INFORMATION MAY NOT BE COMPLETE, ACCURATE NOR UP TO DATE.
 5. CONTOURS ARE BASED ON TCDC 2m LIDAR DATA

- LEGEND**
- W PROPOSED WATER
 - SS PROPOSED RIDERMAIN
 - SS PROPOSED SEWER
 - W EXISTING WATER
 - SS EXISTING SEWER
 - SW EXISTING STORMWATER
 - V VALVE NEW / EXISTING
 - FH HYDRANT NEW / EXISTING
 - NEW FLUSHING VALVE
 - NEW AIR VALVE
 - T EXISTING CHORUS
 - HV EXISTING HV POWER
 - LV EXISTING LV POWER
 - EXISTING POLES
 - PROPERTY BOUNDARY
 - SM EXISTING LINZ SURVEY MARK

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	BY	CHK	APP
A	CONCEPT DESIGN	18.05.21	RR	PB	RS
	REVISIONS		DRN	CHK	APP

SURVEYED		
DESIGNED	Rita Whitfield	05.21
DRAWN	Ruslan Riyaz	05.21
CAD REVIEW	Jim Hunt	17.05.21
DESIGN CHECK	Richard Slight	17.05.21
DESIGN REVIEW	Peter Brown	17.05.21
APPROVED	Richard Slight	17.05.21
PROF REGISTRATION:		



THAMES COROMANDEL DISTRICT COUNCIL
WHAREKAHO OPTIONS ASSESSMENT

LEAH ROAD - JOSEPH ROAD
SHEET 2

Status Stamp	CONCEPTUAL
Date Stamp	18.05.21
Scales	AS SHOWN
Drawing No.	310103429-01-100-C110
Rev.	A



DO NOT SCALE - IF IN DOUBT, ASK

200 mm

150

100

80

60

40

20

0

10

20

30

40

50

60

70

80

90

100

110

120

130

140

150

160

170

180

190

200

210

220

230

240

250

260

270

280

290

300

310

320

330

340

350

360

370

380

390

ORIGINAL SIZE A1

