

NOTES:

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2. LEVEL AND PIPE COVER BASED ON LIDAR INFORMATION.
3. INVERT LEVELS IS OBTAINED FROM GIS AND USING AN ASSUMED COVER OF 1.5M BELOW LIDAR INFORMATION AS GIS INFORMATION IS INSUFFICIENT.
4. DESIGN POSITIONS ARE HIGH LEVEL DESIGN ONLY. FINAL LOCATIONS DEPENDENT ON DETAILED DESIGN.

STAGING

- STAGE 1 UNLOCKS 750 DUES
- STAGE 2 UNLOCKS 1800 DUES
- STAGE 3 UNLOCKS 6000+ DUES
- STAGE 4 QLDC WORKS

LEGEND:

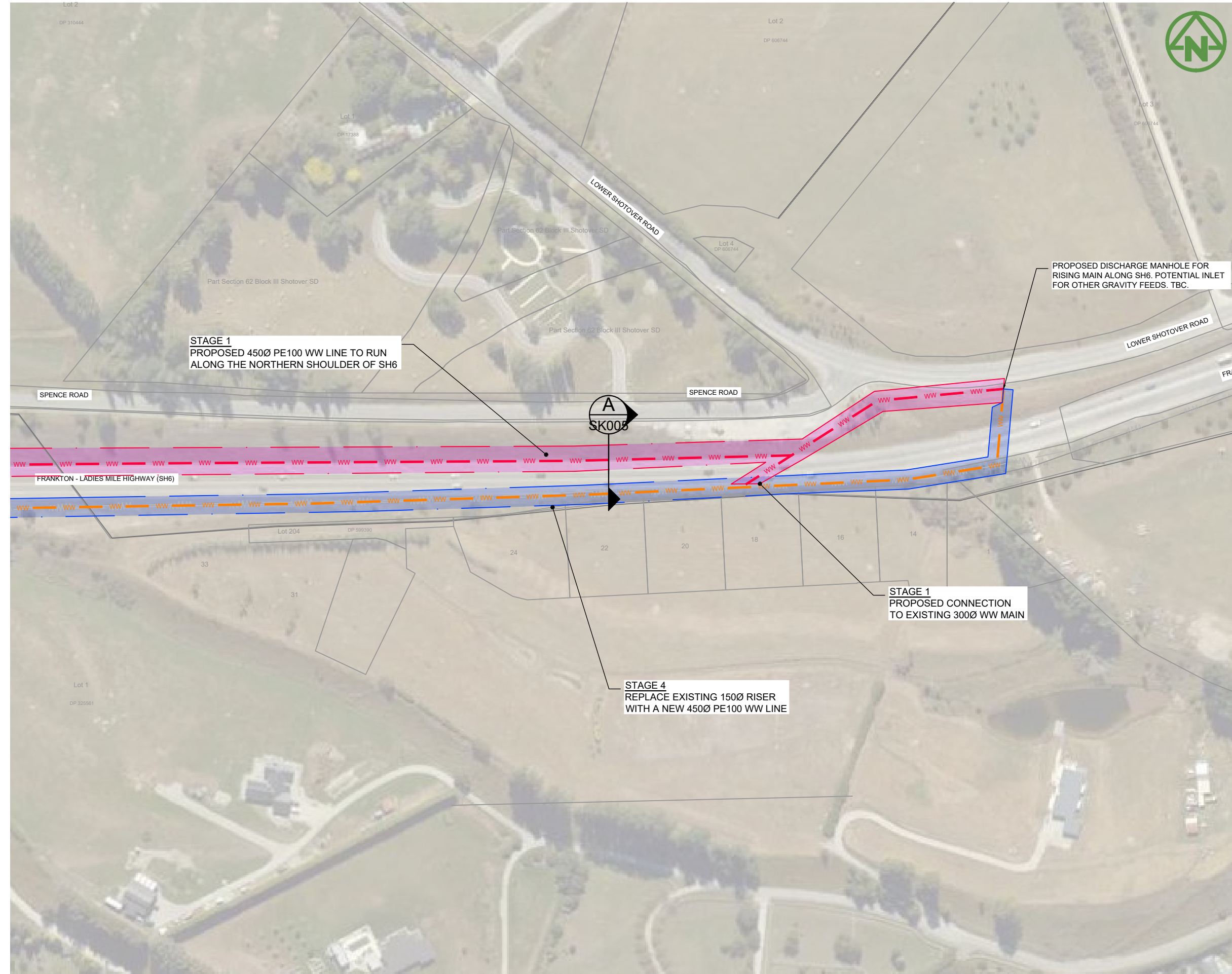
PARCEL BOUNDARIES	
PROPOSED WASTEWATER SYPHON STAGE 1	
PROPOSED WASTEWATER SYPHON STAGE 2	
PROPOSED WASTEWATER SYPHON STAGE 4	
EXISTING WASTEWATER	
EXISTING WASTEWATER SYPHON	
STAGE 1 EXTENT	
STAGE 2 EXTENT	
STAGE 3 EXTENT	
STAGE 4 EXTENT	

CLIENT: PROJECT: FRANKTON - LADIES MILE HIGHWAY QUEENSTOWN TITLE: PROPOSED PUBLIC INFRASTRUCTURE WW LAYOUT PLAN OVERALL PURPOSE OF ISSUE: FOR DISCUSSION ONLY



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	PRELIMINARY DESIGN	RP	RS	RS	08/04/26

SCALE: 1:5000
DO NOT SCALE
DRAWING NO: 4227-SK001
REV: A



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PROPOSED WASTEWATER SYPHON STAGE 1	
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EXISTING WASTEWATER	
EXISTING WASTEWATER SYPHON	
STAGE 1 EXTENT	
STAGE 2 EXTENT	
STAGE 3 EXTENT	
STAGE 4 EXTENT	

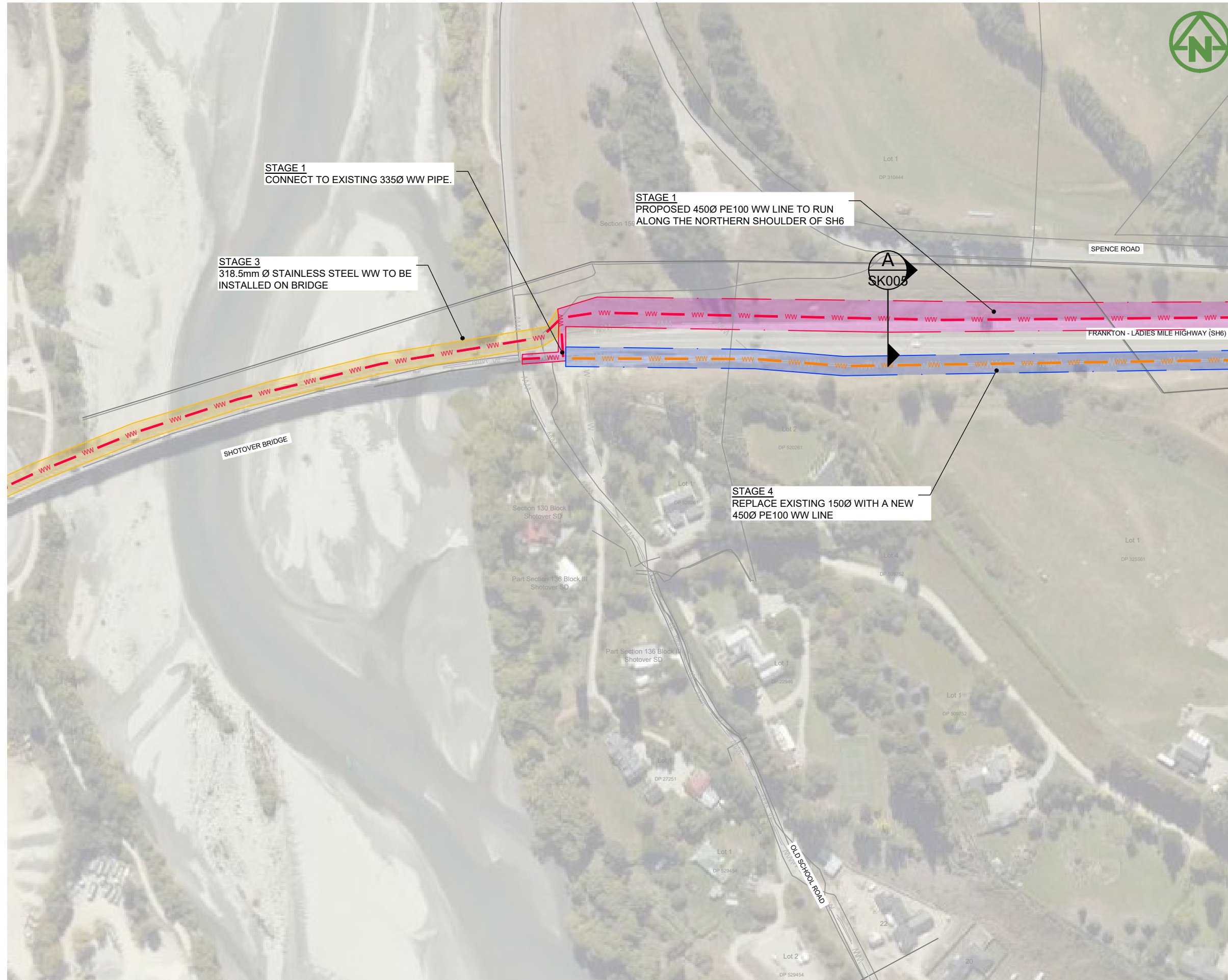
CLIENT: PROJECT: FRANKTON - LADIES MILE HIGHWAY QUEENSTOWN TITLE: PROPOSED PUBLIC INFRASTRUCTURE FOR INFORMATION PURPOSE OF ISSUE:



FRANKTON - LADIES MILE HIGHWAY QUEENSTOWN
 PROPOSED PUBLIC INFRASTRUCTURE FOR INFORMATION
 WW LAYOUT PLAN
 SHEET 1

SCALE: 1:2000
 DO NOT SCALE
 DRAWING NO: 4227-SK002
 REV: A

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	PRELIMINARY DESIGN	RP	RS	RS	08/04/26



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- STAGE 4 QLDC WORKS

LEGEND:

PARCEL BOUNDARIES	
PROPOSED WASTEWATER SYPHON STAGE 1	
PROPOSED WASTEWATER SYPHON STAGE 2	
PROPOSED WASTEWATER SYPHON STAGE 4	
EXISTING WASTEWATER	
EXISTING WASTEWATER SYPHON	
STAGE 1 EXTENT	
STAGE 2 EXTENT	
STAGE 3 EXTENT	
STAGE 4 EXTENT	

CLIENT: PROJECT: TITLE: PURPOSE OF ISSUE:

FRANKTON - LADIES MILE HIGHWAY QUEENSTOWN PROPOSED PUBLIC INFRASTRUCTURE FOR INFORMATION

WW LAYOUT PLAN SHEET 2

SCALE: 1:2000 DO NOT SCALE

DRAWING NO: 4227-SK003 REV: A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	RP	RS	RS	08/04/26



STAGE 3
318.50 STAINLESS STEEL WW TO BE
INSTALLED ON BRIDGE

STAGE 2
PROPOSED 450Ø PE100 WW MAIN FROM
BRIDGE TO WWTP INLET NOZZLE

WW TREATMENT PLANT SURGE TANK CONNECTION



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- STAGE 3 UNLOCKS 6000+ DUEs
- STAGE 4 QLDC WORKS

LEGEND:

PARCEL BOUNDARIES	— — — — —
PROPOSED WASTEWATER SYPHON STAGE 1	— ww — ww — ww —
PROPOSED WASTEWATER SYPHON STAGE 2	— ww — ww — ww —
PROPOSED WASTEWATER SYPHON STAGE 4	— ww — ww — ww —
EXISTING WASTEWATER	— ww — ww — ww —
EXISTING WASTEWATER SYPHON	— ww — ww — ww —
STAGE 1 EXTENT	— — — — —
STAGE 2 EXTENT	— — — — —
STAGE 3 EXTENT	— — — — —
STAGE 4 EXTENT	— — — — —

CLIENT:

PROJECT:

TITLE:

PURPOSE OF ISSUE:



FRANKTON -
LADIES MILE HIGHWAY
QUEENSTOWN

PROPOSED PUBLIC INFRASTRUCTURE
WW LAYOUT PLAN
SHEET 3

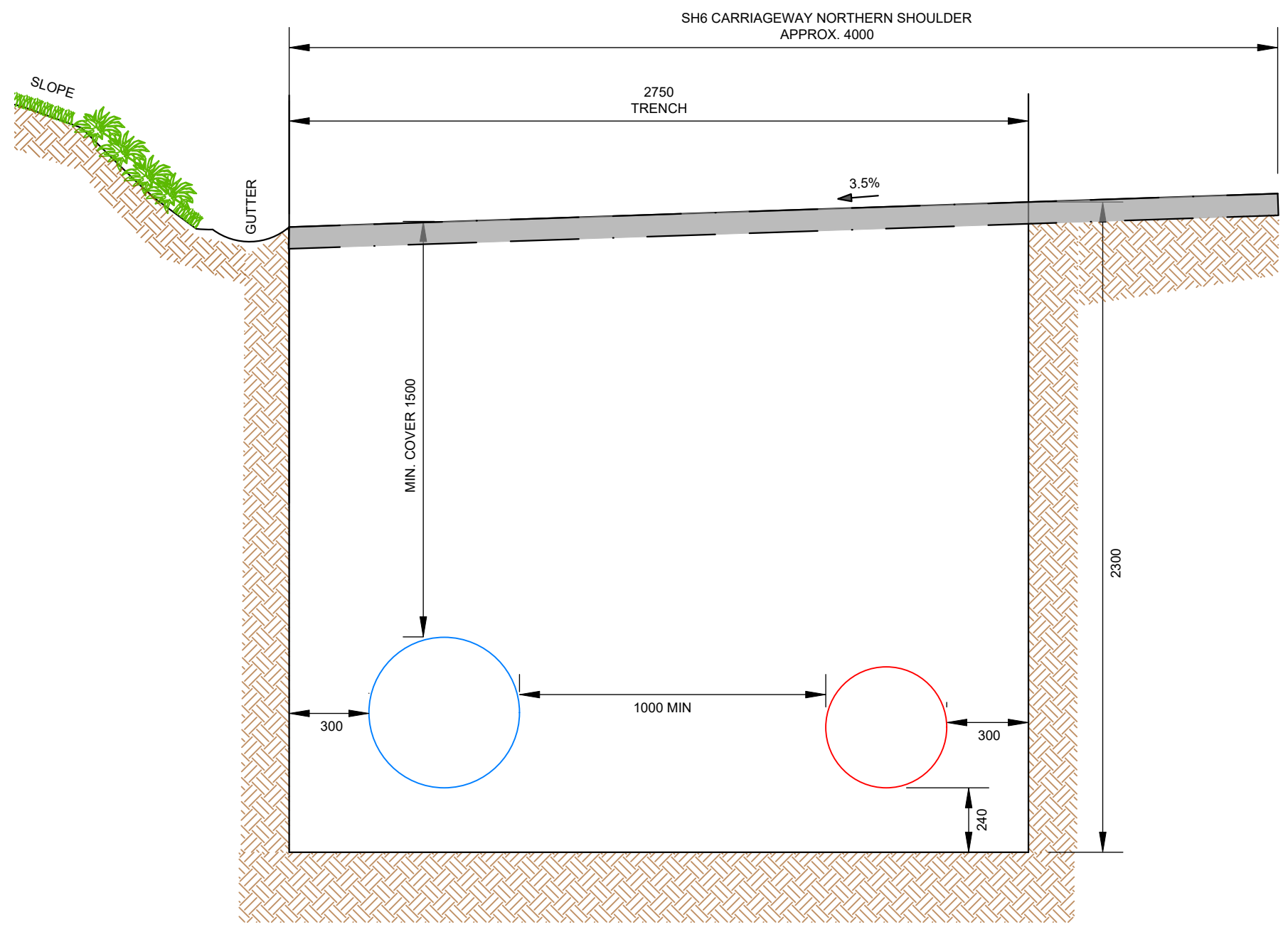
FOR INFORMATION

SCALE:
1:2000
DO NOT SCALE

DRAWING NO:
4227-SK004

REV:
A

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	PRELIMINARY DESIGN	RP	RS	RS	08/04/26



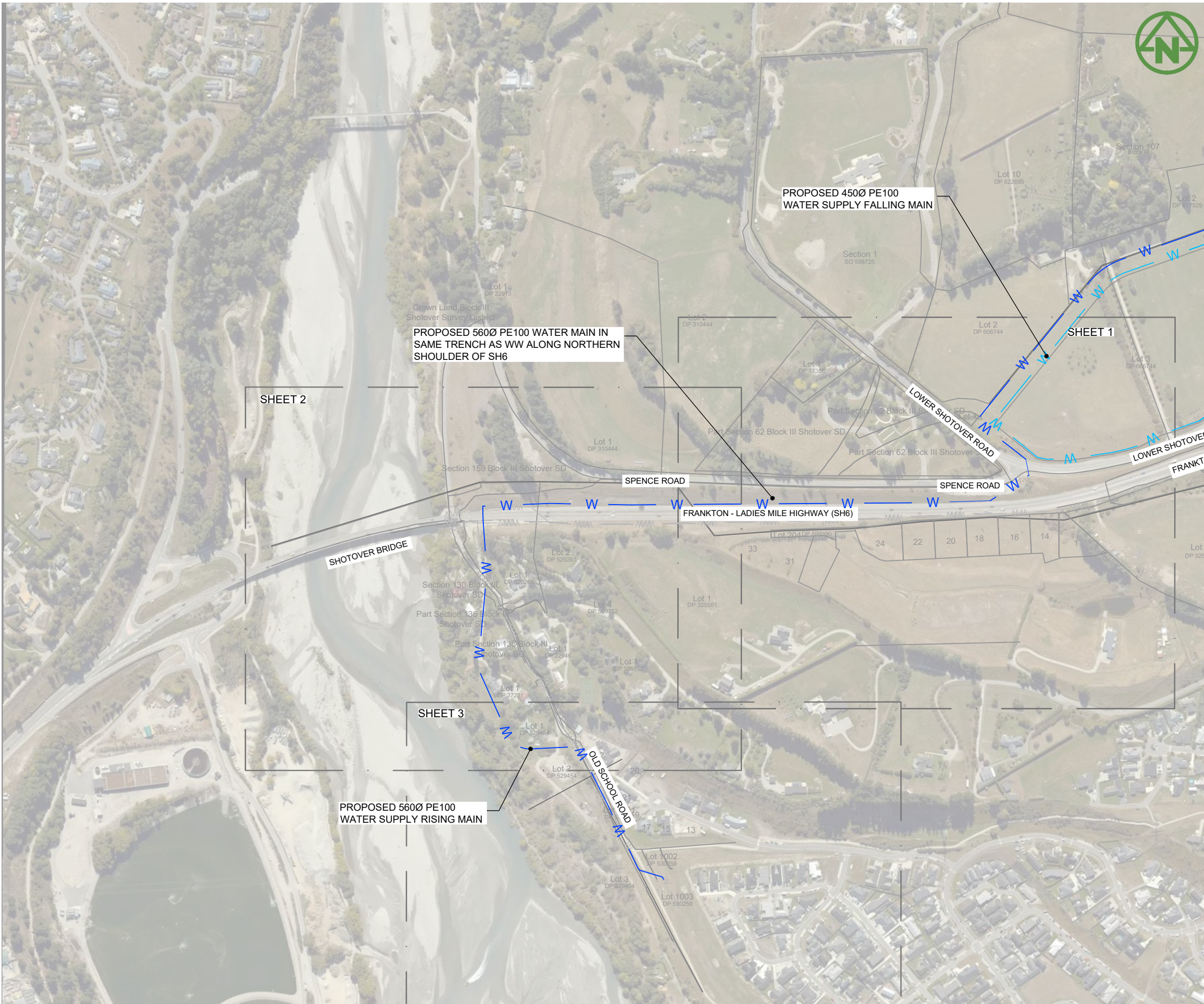
MINIMUM CBR = 4
SECTION A-A

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- STAGE 4 QLDC WORKS



NOTES:

- BEDDING AND SURROUND FOR ALL PIPES TO BE IN ACCORDANCE WITH QLDC CODE OF PRACTICE FOR LAND DEVELOPMENT AND SUBDIVISION.
- CONNECTIONS TO EXISTING COUNCIL WATERMAINS ARE TO BE MADE ONLY AFTER TESTING, STERILISATION AND ACCEPTANCE BY QLDC.
- ALL WORKS AND MATERIALS TO COMPLY WITH QLDC CODE OF PRACTICE.
- ALL TRENCHES UNDER CARRIAGEWAYS TO BE BACKFILLED WITH HARDFILL.
- THESE DRAWINGS DO NOT NECESSARILY SHOW ALL EXISTING SERVICES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCURATELY LOCATE AND PROTECT ALL EXISTING SERVICES DURING THE CONSTRUCTION PERIOD.
- THE CONTRACTOR IS TO ACCURATELY FIX BY SURVEY ALL CHANGES IN DEPTH AND DIRECTION OF THE PROPOSED WATERMAIN.
- ALL TEES, BENDS AND FITTINGS SHALL BE FLANGED DUCTILE IRON MIN PN16 AND PROVIDED WITH ANCHOR BLOCKS.
- ALL ROAD CROSSINGS SHALL BE PN12.5 PE100 PIPES WITH BUTT WELDED JOINTS
- ALL PEAT VALVES AND SLUICE VALVES TO BE RESILIENT SEATED.
- EXACT WATER CONNECTION TO SERVICE THE MILE TO BE CONFIRMED BY QLDC WITHIN THE COMING DAYS. THIS WILL DETERMINE WHETHER STAGE 1 ALONE WILL SUFFICE TO SERVICE THE MILE VIA NEW RESERVOIRS OR IF A NEW LINE TO THE BOREFIELD (ULTIMATE SOLUTION SHOWN ON PLANS) IS REQUIRED.

LEGEND:

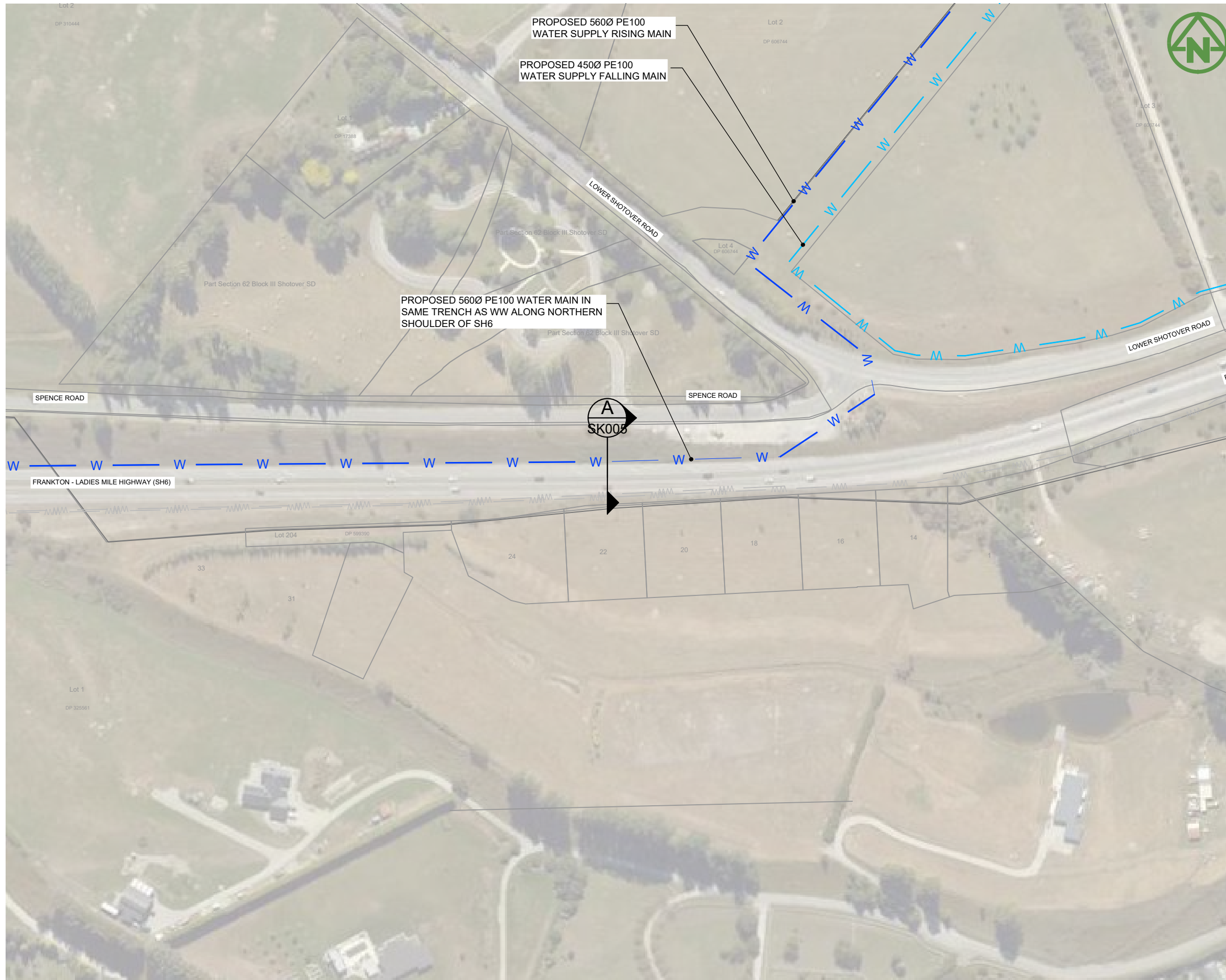
BOUNDARIES	— — — — —
PROPOSED WATER RISING MAIN	— W — W —
PROPOSED WATER FALLING MAIN	— W — W —
EXISTING WATERMAIN	— W — W —
PROPOSED STORMWATER	— SW — SW —
PROPOSED WATER VALVE	⋈
PROPOSED FIRE HYDRANT	⊠
EXISTING STORMWATER	— SW — SW —
EXISTING WASTEWATER	— ww —
EXISTING POWER UNDERGROUND	— P —
EXISTING POWER OVERHEAD	— — — — —
EXISTING FIBRE	— — — — —

CLIENT: PROJECT: FRANKTON - LADIES MILE HIGHWAY QUEENSTOWN TITLE: PROPOSED PUBLIC INFRASTRUCTURE WS LAYOUT PLAN OVERALL PURPOSE OF ISSUE: FOR DISCUSSION ONLY



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	PRELIMINARY DESIGN	RP	RS	RS	08/04/26

SCALE: 1:5000
DO NOT SCALE
DRAWING NO: 4227-SK020
REV: A



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LEGEND:

BOUNDARIES	— — — — —
PROPOSED WATER RISING MAIN	— W — W —
PROPOSED WATER FALLING MAIN	— W — W —
EXISTING WATERMAIN	— W — W —
PROPOSED STORMWATER	— SW — SW —
PROPOSED WATER VALVE	
PROPOSED FIRE HYDRANT	
EXISTING STORMWATER	— SW — SW —
EXISTING WASTEWATER	— ww —
EXISTING POWER UNDERGROUND	— P —
EXISTING POWER OVERHEAD	— — — — —
EXISTING FIBRE	— — — — —

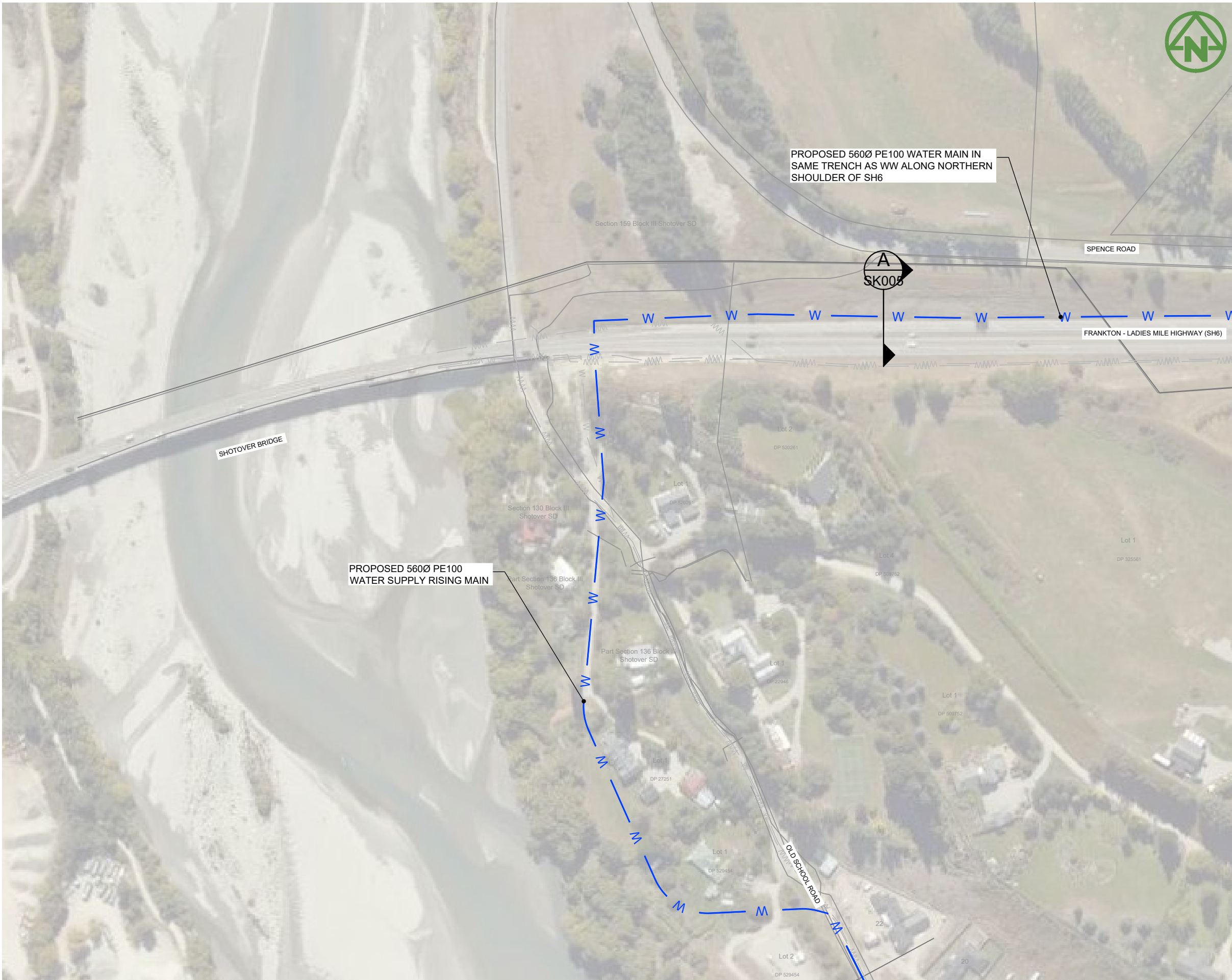
CLIENT: PROJECT: FRANKTON - LADIES MILE HIGHWAY QUEENSTOWN TITLE: PROPOSED PUBLIC INFRASTRUCTURE FOR INFORMATION PURPOSE OF ISSUE:



FRANKTON - LADIES MILE HIGHWAY QUEENSTOWN
 PROPOSED PUBLIC INFRASTRUCTURE FOR INFORMATION
 WS LAYOUT PLAN
 SHEET 1

SCALE: 1:2000
 DO NOT SCALE
 DRAWING NO: 4227-SK021
 REV: A

REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
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PROPOSED WATER FALLING MAIN	— W — W —
EXISTING WATERMAIN	— W — W —
PROPOSED STORMWATER	— SW — SW —
PROPOSED WATER VALVE	
PROPOSED FIRE HYDRANT	
EXISTING STORMWATER	— SW — SW —
EXISTING WASTEWATER	— ww —
EXISTING POWER UNDERGROUND	— P —
EXISTING POWER OVERHEAD	— — — — —
EXISTING FIBRE	— — — — —

CLIENT: PROJECT: TITLE: PURPOSE OF ISSUE:

FRANKTON - LADIES MILE HIGHWAY QUEENSTOWN PROPOSED PUBLIC INFRASTRUCTURE FOR INFORMATION

WS LAYOUT PLAN SHEET 2

SCALE: 1:2000 DO NOT SCALE

DRAWING NO: 4227-SK022 REV: A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	FIRST ISSUE	RP	RS	RS	08/04/26



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PROPOSED WATER FALLING MAIN	— W — W —
EXISTING WATERMAIN	— W — W —
PROPOSED STORMWATER	— SW — SW —
PROPOSED WATER VALVE	
PROPOSED FIRE HYDRANT	
EXISTING STORMWATER	— SW — SW —
EXISTING WASTEWATER	— ww —
EXISTING POWER UNDERGROUND	— P —
EXISTING POWER OVERHEAD	— — — — —
EXISTING FIBRE	— — — — —

CLIENT:

PROJECT:

TITLE:

PURPOSE OF ISSUE:

FRANKTON -
LADIES MILE HIGHWAY
QUEENSTOWN

PROPOSED PUBLIC INFRASTRUCTURE
WS LAYOUT PLAN
SHEET 3

FOR INFORMATION

SCALE:
1:2000
DO NOT SCALE

DRAWING NO:
4227-SK023

REV:
A



REV	DESCRIPTION	DRN BY	CHK BY	APP BY	DATE
A	PRELIMINARY DESIGN	RP	RS	RS	08/04/26