

NOTES:

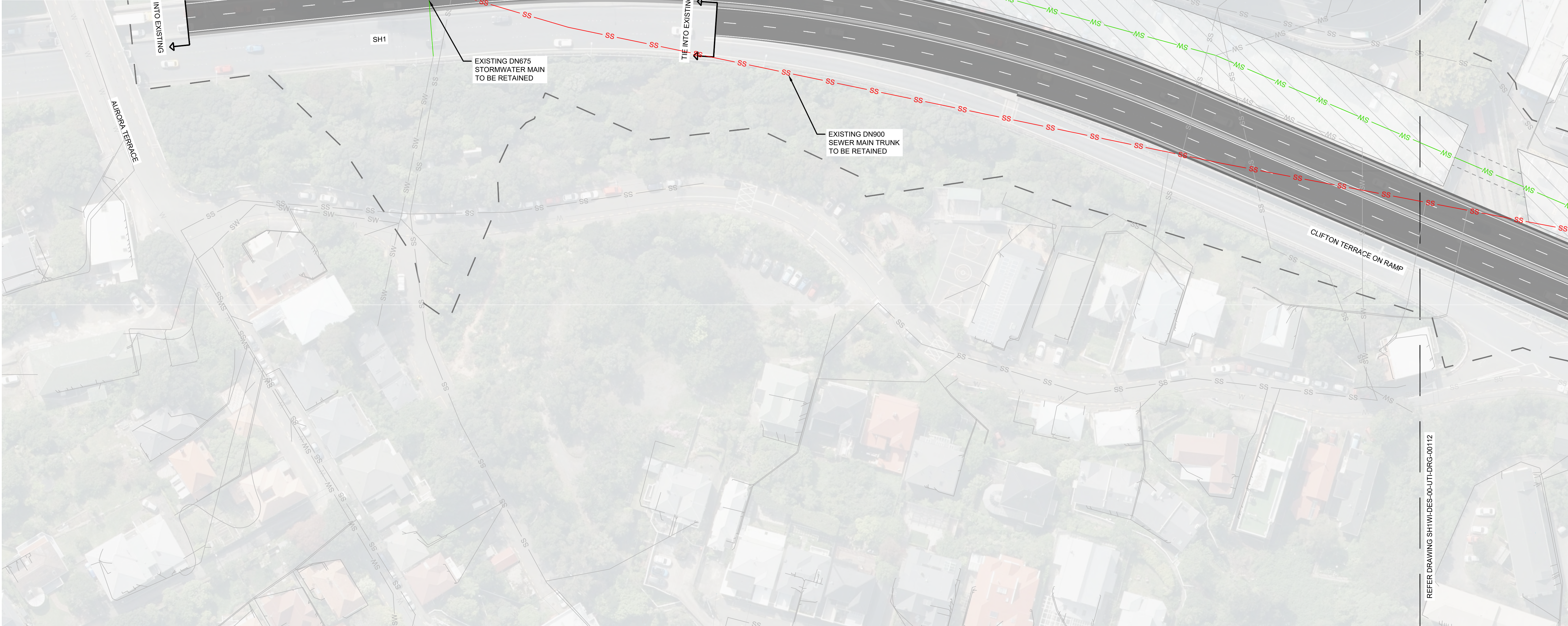
1. THE COORDINATES SYSTEM USED IS NEW ZEALAND TRANSVERSE MERCATOR PROJECTION (NZTM 2000).
2. ALL PIPE SIZES ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
3. ALL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE DESIGN FREEZE 2: CONCEPT DESIGN.
4. AERIAL IMAGERY SOURCED FROM LINZ DATA SERVICE, LICENSED BY LINZ FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 NEW ZEALAND LICENCE (CC BY 4.0), DATED 2021.
5. KERBLINES, PROPERTY BOUNDARIES AND BUILDING OUTLINES SOURCED FROM WCC, LICENSED BY WCC FOR RE-USE UNDER THE CREATIVE COMMONS ATTRIBUTION 4.0 NEW ZEALAND LICENCE (CC BY 4.0), DATED 2001.
6. EXISTING UTILITIES SHOWN ARE INDICATIVE ONLY AND HAVE BEEN BASED ON OPEN SOURCE GIS DATA AND B4UD INFORMATION.
7. ONLY CRITICAL WATER AND POWER UTILITIES HAVE BEEN SHOWN ON THESE PLANS. OTHER CRITICAL UTILITIES (COMMS, GAS) HAVE NOT BEEN SHOWN AND ARE SUBJECT TO DISCUSSIONS WITH RESPECTIVE UTILITY OPERATORS.
8. CRITICAL WATER AND POWER UTILITIES HAVE BEEN DEFINED AS FOLLOWS:
 - 8.1. STORMWATER MAINS/CULVERTS ≥ 375mm DIA
 - 8.2. WCC SEWER MAIN TRUNK / INTERCEPTOR
 - 8.3. SEWER MAINS ≥ 375mm DIA
 - 8.4. SEWER RISING MAINS OR PRESSURE PIPES
 - 8.5. SEWER PUMP STATIONS
 - 8.6. POTABLE WATER MAINS ≥ 300mm
 - 8.7. FIRE HYDRANT/SERVICE MAINS
 - 8.8. HIGH VOLTAGE 33KV POWER CABLES
 - 8.9. HIGH VOLTAGE 11KV POWER CABLES
 - 8.10. POWER DISTRIBUTION SUBSTATIONS
9. DIVERSIONS AND PIT/JOINT CONNECTIONS SHOWN ARE INDICATIVE ONLY AND WILL BE FURTHER DEVELOPED IN LATER DESIGN STAGES AS DISCUSSIONS WITH UTILITY OPERATORS CONTINUE.
10. NON-CRITICAL ASSETS AND CONNECTIONS WILL BE FURTHER ASSESSED IN LATER DESIGN STAGES.
11. MODIFICATION WORKS TO EXISTING UTILITIES (E.G. ALTERATIONS TO EXISTING MANHOLES) DUE TO PROPOSED WORKS AND GROUND LEVEL CHANGES SHALL BE FURTHER DEVELOPED IN LATER DESIGN STAGES.
12. FOR THE ASSESSMENT OF GROUND SETTLEMENT ON EXISTING UTILITIES, REFER TO:
 - 12.1. DESIGN FREEZE 2: GROUNDWATER AND GROUND SETTLEMENT ASSESSMENT REPORT SH1WI-DES-00-GEO-RPT-00001
13. LOCAL UTILITIES CONNECTIONS AFFECTED BY RELOCATION OR DEMOLITION OF THE ASSETS WILL BE DECOMMISSIONED, WITH NEW CONNECTIONS OR RELOCATIONS PROVIDED AS REQUIRED. PROPOSED PIPE SIZE WILL SUBJECT TO DISCUSSION WITH THE ASSET OWNERS AND RESPECTIVE UTILITY OPERATORS. THE CONNECTION SCHEMES SHALL BE FURTHER DEVELOPED IN LATER DESIGN STAGES.



REVISION		AMENDMENT	APPROVED	DATE				SCALES		ORIGINAL SIZE	PROJECT	
A		CONSENT DESIGN	E.SUTTON	2026-07-09				NOT TO SCALE		A1	NZ TRANSPORT AGENCY	
								DRAWN	DESIGNED	APPROVED	WELLINGTON	
								S.SAAB	L.FENG / J.SUN	E.SUTTON	STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS	
								DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	TITLE	
								S.OUYANG	C.LOAN	2026-07-09	UTILITIES	
								GENERAL			SHEET LAYOUT	
								CONSENT DESIGN			WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE
											5-C4434.01	SH1WI-DES-00-UTI-DRG
											SHEET NO.	REVISION
											00110	A

NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

- LEGEND:
- PROJECT AREA
 - EXISTING CRITICAL STORMWATER
 - EXISTING NON-CRITICAL STORMWATER
 - EXISTING CRITICAL SEWER
 - EXISTING NON-CRITICAL SEWER
 - EXISTING CRITICAL POTABLE WATER
 - EXISTING CRITICAL FIRE HYDRANT LINE
 - EXISTING NON-CRITICAL WATER
 - EXISTING CRITICAL 33KV POWER
 - EXISTING CRITICAL 11KV POWER
 - EXISTING UTILITY TO BE REMOVED
 - PROPOSED STORMWATER DIVERSION
 - PROPOSED SEWER DIVERSION
 - PROPOSED POTABLE WATER DIVERSION
 - PROPOSED FIRE HYDRANT DIVERSION
 - PROPOSED 33KV POWER DIVERSION
 - PROPOSED 11KV POWER DIVERSION
 - PROPOSED 33KV JOINT



1:500 @ A1
1:1000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09

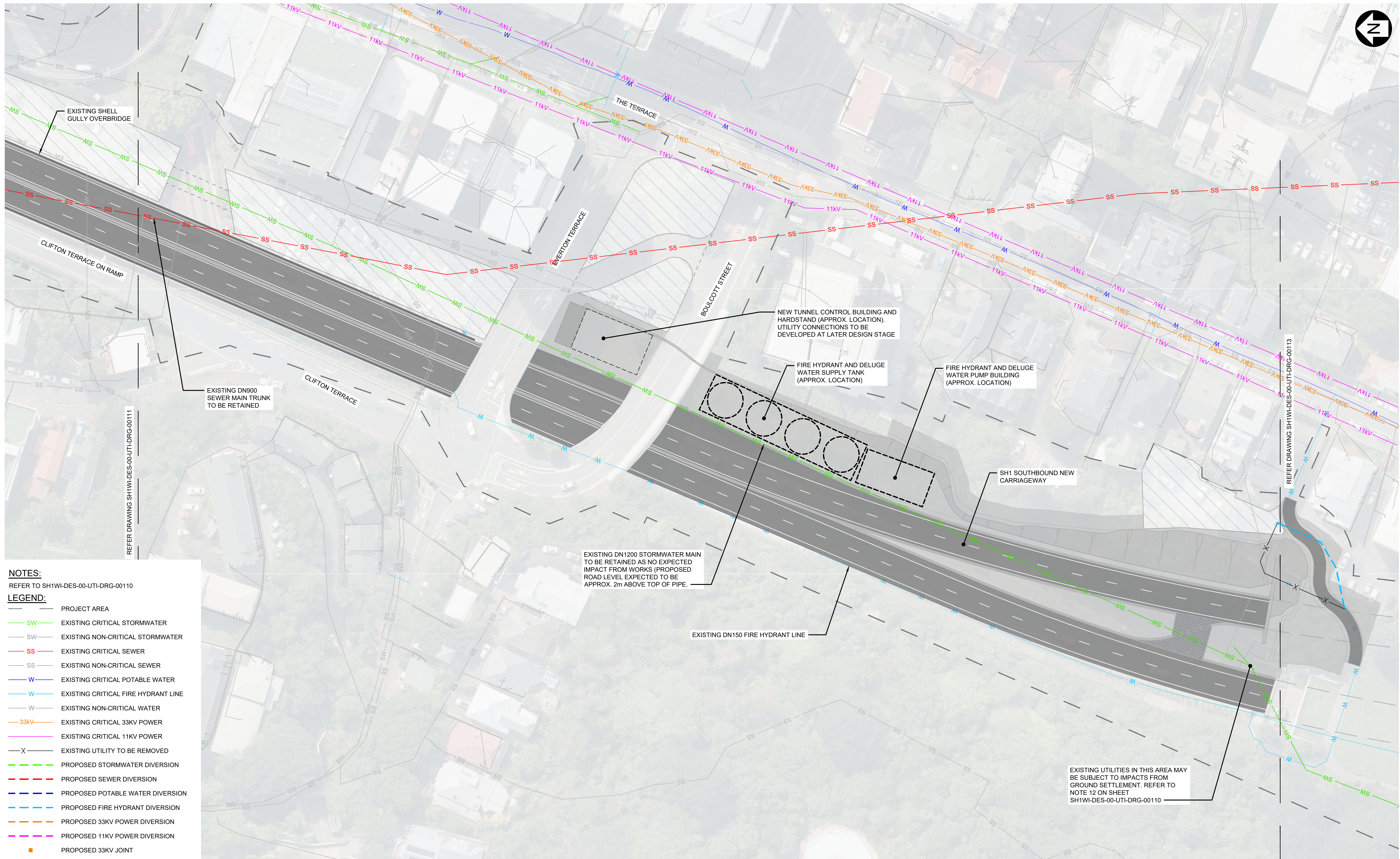


GENERAL

SCALES	DESIGNED	APPROVED
1:500 (A1) 1:1000 (A3)	L.FENG / J.SUN	E.SUTTON
DRAWN	DESIGN VERIFIED	APPROVED DATE
S.SAAB	C.LOAN	2026-07-09
DRAWING VERIFIED		
S.OUYANG		

CONSSENT DESIGN

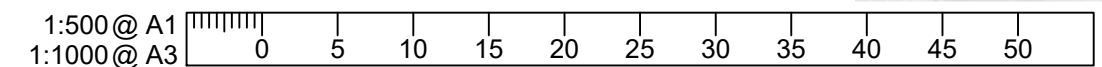
PROJECT	ORIGINAL SIZE	PROJECT	SHEET NO.	REVISION
NZ TRANSPORT AGENCY	A1	WELLINGTON	00111	A
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS				
TITLE				
UTILITIES				
SHEET 1				
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE			
5-C4434.01	SH1WI-DES-00-UTI-DRG			



NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

LEGEND:

—	PROJECT AREA
—SW—	EXISTING CRITICAL STORMWATER
—SW—	EXISTING NON-CRITICAL STORMWATER
—SS—	EXISTING CRITICAL SEWER
—SS—	EXISTING NON-CRITICAL SEWER
—W—	EXISTING CRITICAL POTABLE WATER
—W—	EXISTING CRITICAL FIRE HYDRANT LINE
—W—	EXISTING NON-CRITICAL WATER
—33kV—	EXISTING CRITICAL 33KV POWER
—11kV—	EXISTING CRITICAL 11KV POWER
—X—	EXISTING UTILITY TO BE REMOVED
---	PROPOSED STORMWATER DIVERSION
---	PROPOSED SEWER DIVERSION
---	PROPOSED POTABLE WATER DIVERSION
---	PROPOSED FIRE HYDRANT DIVERSION
---	PROPOSED 33KV POWER DIVERSION
---	PROPOSED 11KV POWER DIVERSION
■	PROPOSED 33KV JOINT



REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09



SCALES		ORIGINAL SIZE
1:500 (A1)	1:1000 (A3)	A1
DRAWN	DESIGNED	APPROVED
S.SAAB	L.FENG / J.SUN	E.SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.OUYANG	C.LOAN	2026-07-09
CONSENT DESIGN		

PROJECT		
NZ TRANSPORT AGENCY		
WELLINGTON		
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS		
TITLE		
UTILITIES		
SHEET 2		
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.
5-C4434.01	SH1WI-DES-00-UTI-DRG	00112
		REVISION
		A

NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

- LEGEND:
- PROJECT AREA
 - EXISTING CRITICAL STORMWATER
 - EXISTING NON-CRITICAL STORMWATER
 - EXISTING CRITICAL SEWER
 - EXISTING NON-CRITICAL SEWER
 - EXISTING CRITICAL POTABLE WATER
 - EXISTING CRITICAL FIRE HYDRANT LINE
 - EXISTING NON-CRITICAL WATER
 - EXISTING CRITICAL 33KV POWER
 - EXISTING CRITICAL 11KV POWER
 - EXISTING UTILITY TO BE REMOVED
 - PROPOSED STORMWATER DIVERSION
 - PROPOSED SEWER DIVERSION
 - PROPOSED POTABLE WATER DIVERSION
 - PROPOSED FIRE HYDRANT DIVERSION
 - PROPOSED 33KV POWER DIVERSION
 - PROPOSED 11KV POWER DIVERSION
 - PROPOSED 33KV JOINT



1:500 @ A1
1:1000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09



GENERAL

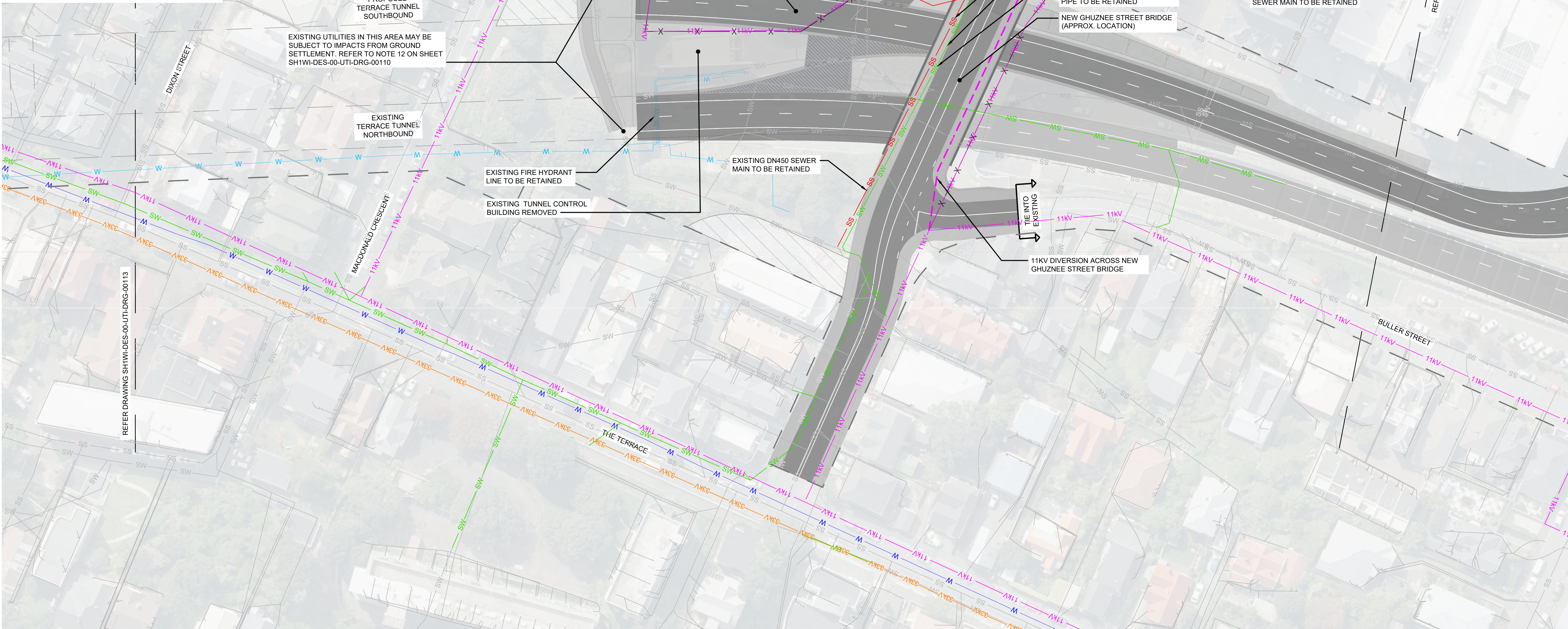
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DRAWN	DESIGNED	APPROVED
S.SAAB	L.FENG / J.SUN	E.SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.OUYANG	C.LOAN	2026-07-09

CONSENT DESIGN

PROJECT NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS		
TITLE UTILITIES SHEET 3		
WSP PROJECT NO. 5-C4434.01	PROJ-ORIG-VOL-LOC-TYPE SH1WI-DES-00-UTI-DRG	SHEET NO. 00113
		REVISION A

NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

- LEGEND:
- PROJECT AREA
 - EXISTING CRITICAL STORMWATER
 - EXISTING NON-CRITICAL STORMWATER
 - EXISTING CRITICAL SEWER
 - EXISTING NON-CRITICAL SEWER
 - EXISTING CRITICAL POTABLE WATER
 - EXISTING CRITICAL FIRE HYDRANT LINE
 - EXISTING NON-CRITICAL WATER
 - EXISTING CRITICAL 33KV POWER
 - EXISTING CRITICAL 11KV POWER
 - EXISTING UTILITY TO BE REMOVED
 - PROPOSED STORMWATER DIVERSION
 - PROPOSED SEWER DIVERSION
 - PROPOSED POTABLE WATER DIVERSION
 - PROPOSED FIRE HYDRANT DIVERSION
 - PROPOSED 33KV POWER DIVERSION
 - PROPOSED 11KV POWER DIVERSION
 - PROPOSED 33KV JOINT



REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09

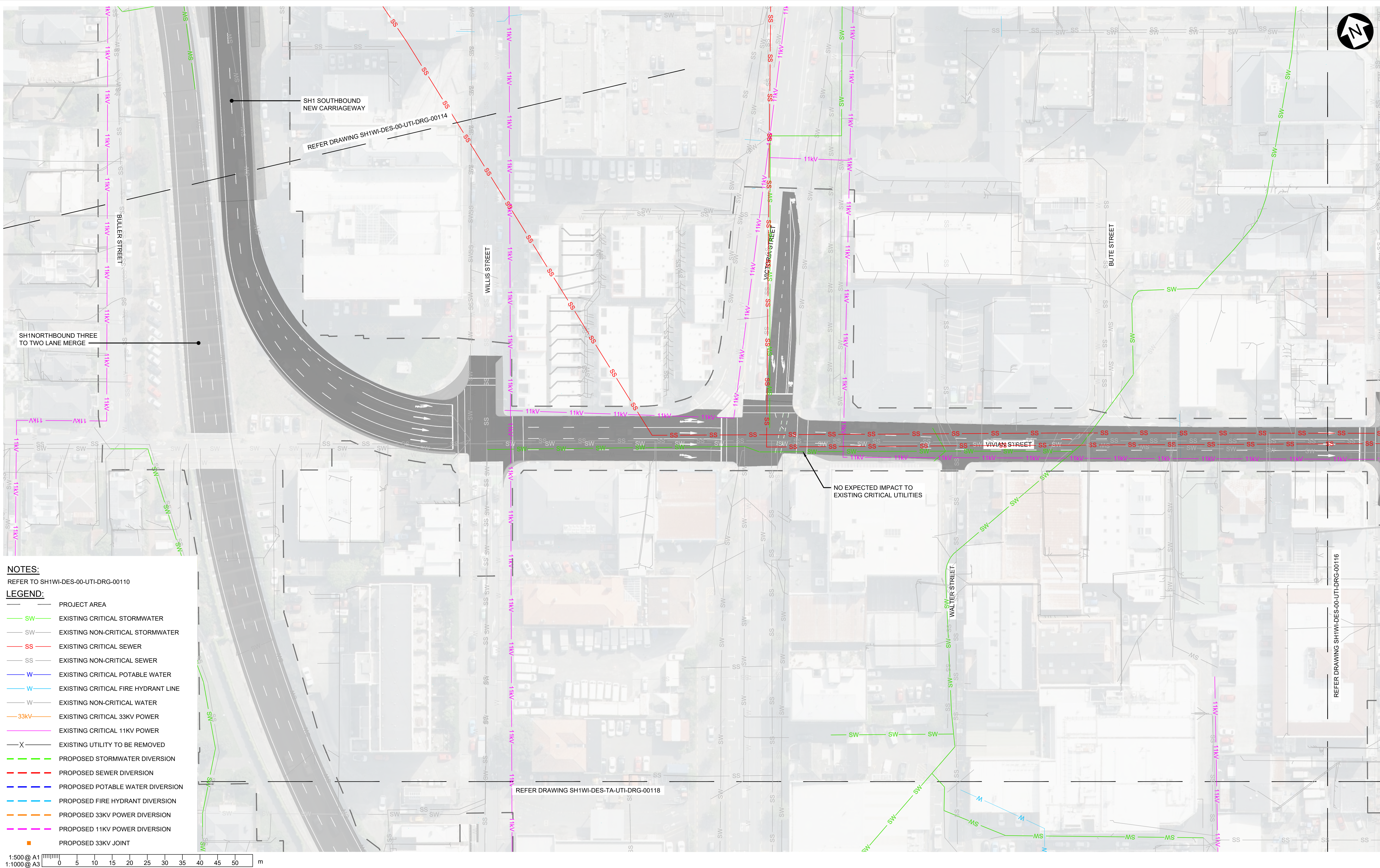


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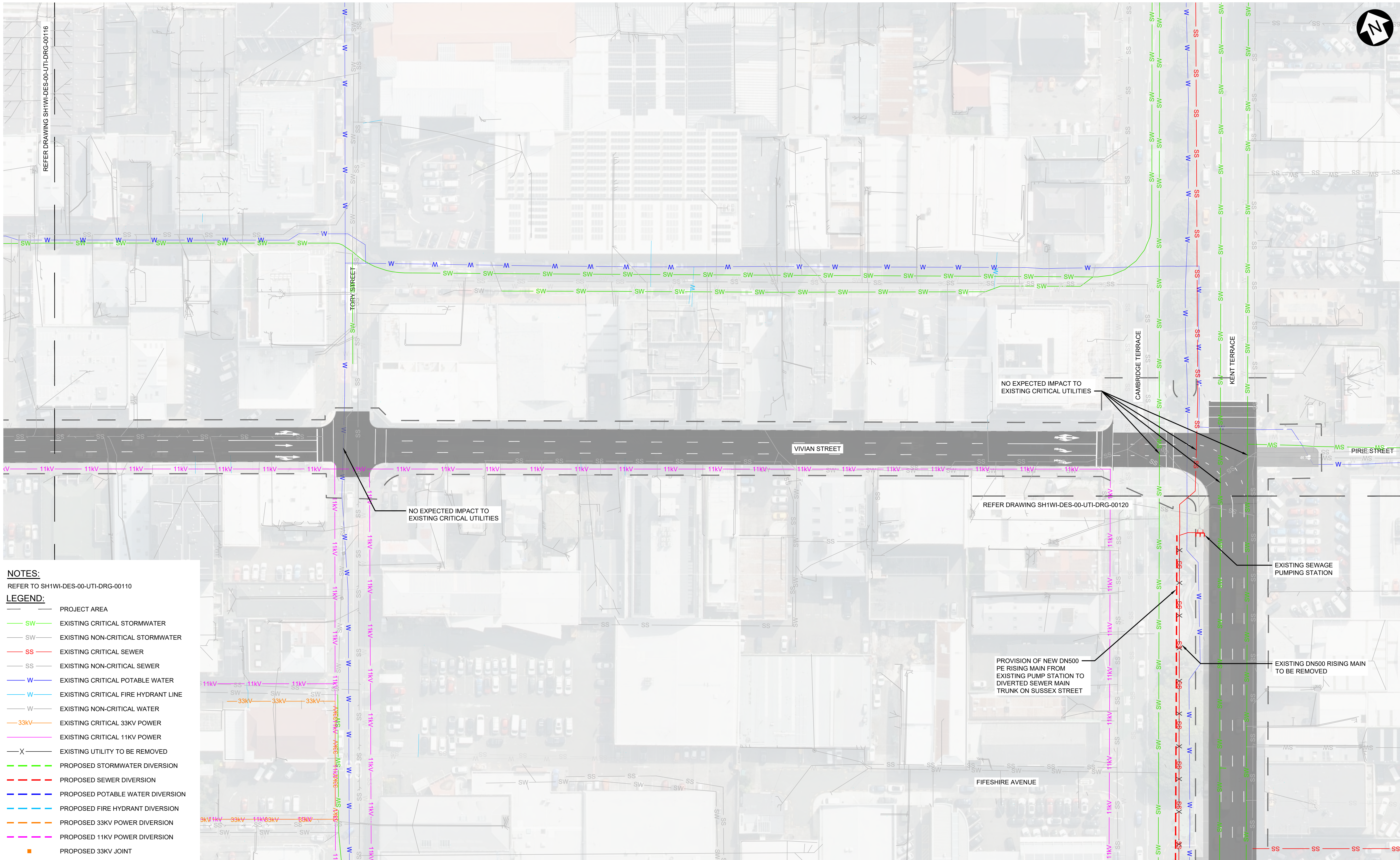
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S.SAAB	L.FENG / J.SUN	E.SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.OUYANG	C.LOAN	2026-07-09

CONSSENT DESIGN

PROJECT	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
NZ TRANSPORT AGENCY	SH1WI-DES-00-UTI-DRG	00114	A
WELLINGTON			
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE			
UTILITIES			
SHEET 4			
WSP PROJECT NO.			
5-C4434.01			



REVISION		AMENDMENT		APPROVED		DATE	
A		CONSENT DESIGN		E.SUTTON		2026-07-09	



NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

LEGEND:

- PROJECT AREA
- SW EXISTING CRITICAL STORMWATER
- SW EXISTING NON-CRITICAL STORMWATER
- SS EXISTING CRITICAL SEWER
- SS EXISTING NON-CRITICAL SEWER
- W EXISTING CRITICAL POTABLE WATER
- W EXISTING CRITICAL FIRE HYDRANT LINE
- W EXISTING NON-CRITICAL WATER
- 33kV EXISTING CRITICAL 33KV POWER
- 11kV EXISTING CRITICAL 11KV POWER
- X EXISTING UTILITY TO BE REMOVED
- PROPOSED STORMWATER DIVERSION
- PROPOSED SEWER DIVERSION
- PROPOSED POTABLE WATER DIVERSION
- PROPOSED FIRE HYDRANT DIVERSION
- PROPOSED 33KV POWER DIVERSION
- PROPOSED 11KV POWER DIVERSION
- PROPOSED 33KV JOINT

1:500 @ A1
1:1000 @ A3

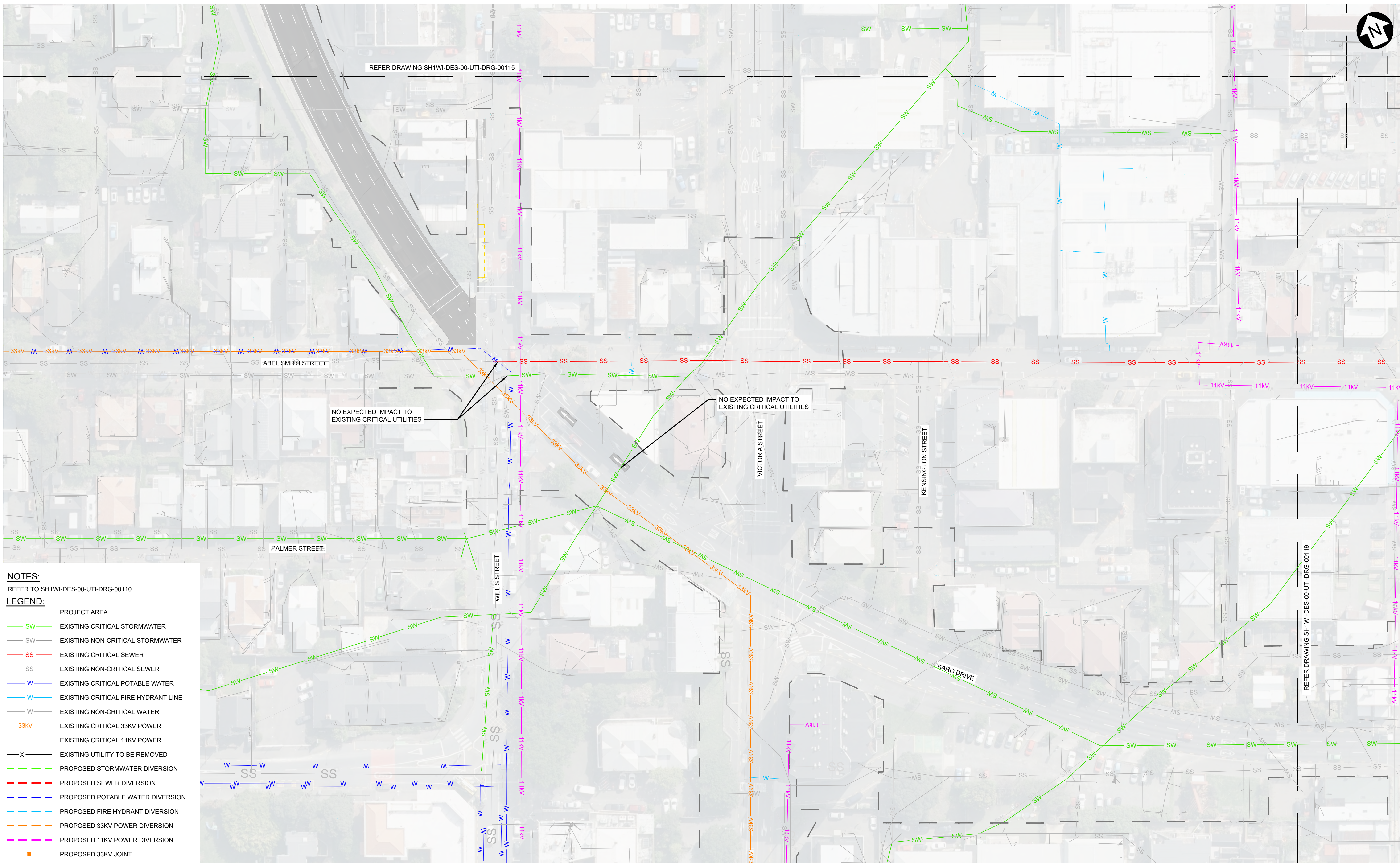
REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09



GENERAL

SCALES			ORIGINAL SIZE
1:500 (A1)	1:1000 (A3)		A1
DRAWN	DESIGNED	APPROVED	
S.SAAB	L.FENG / J.SUN	E.SUTTON	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
S.OUYANG	C.LOAN	2026-07-09	
CONSSENT DESIGN			

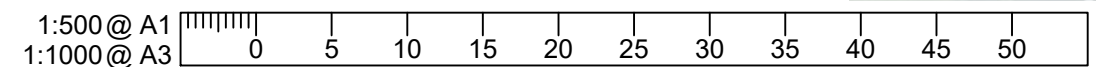
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NZ TRANSPORT AGENCY			
WELLINGTON			
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE			
UTILITIES			
SHEET 7			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
5-C4434.01	SH1WI-DES-00-UTI-DRG	00117	A



NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

LEGEND:

- PROJECT AREA
- SW EXISTING CRITICAL STORMWATER
- SW EXISTING NON-CRITICAL STORMWATER
- SS EXISTING CRITICAL SEWER
- SS EXISTING NON-CRITICAL SEWER
- W EXISTING CRITICAL POTABLE WATER
- W EXISTING CRITICAL FIRE HYDRANT LINE
- W EXISTING NON-CRITICAL WATER
- 33kV EXISTING CRITICAL 33KV POWER
- 11kV EXISTING CRITICAL 11KV POWER
- X EXISTING UTILITY TO BE REMOVED
- PROPOSED STORMWATER DIVERSION
- PROPOSED SEWER DIVERSION
- PROPOSED POTABLE WATER DIVERSION
- PROPOSED FIRE HYDRANT DIVERSION
- PROPOSED 33KV POWER DIVERSION
- PROPOSED 11KV POWER DIVERSION
- PROPOSED 33KV JOINT



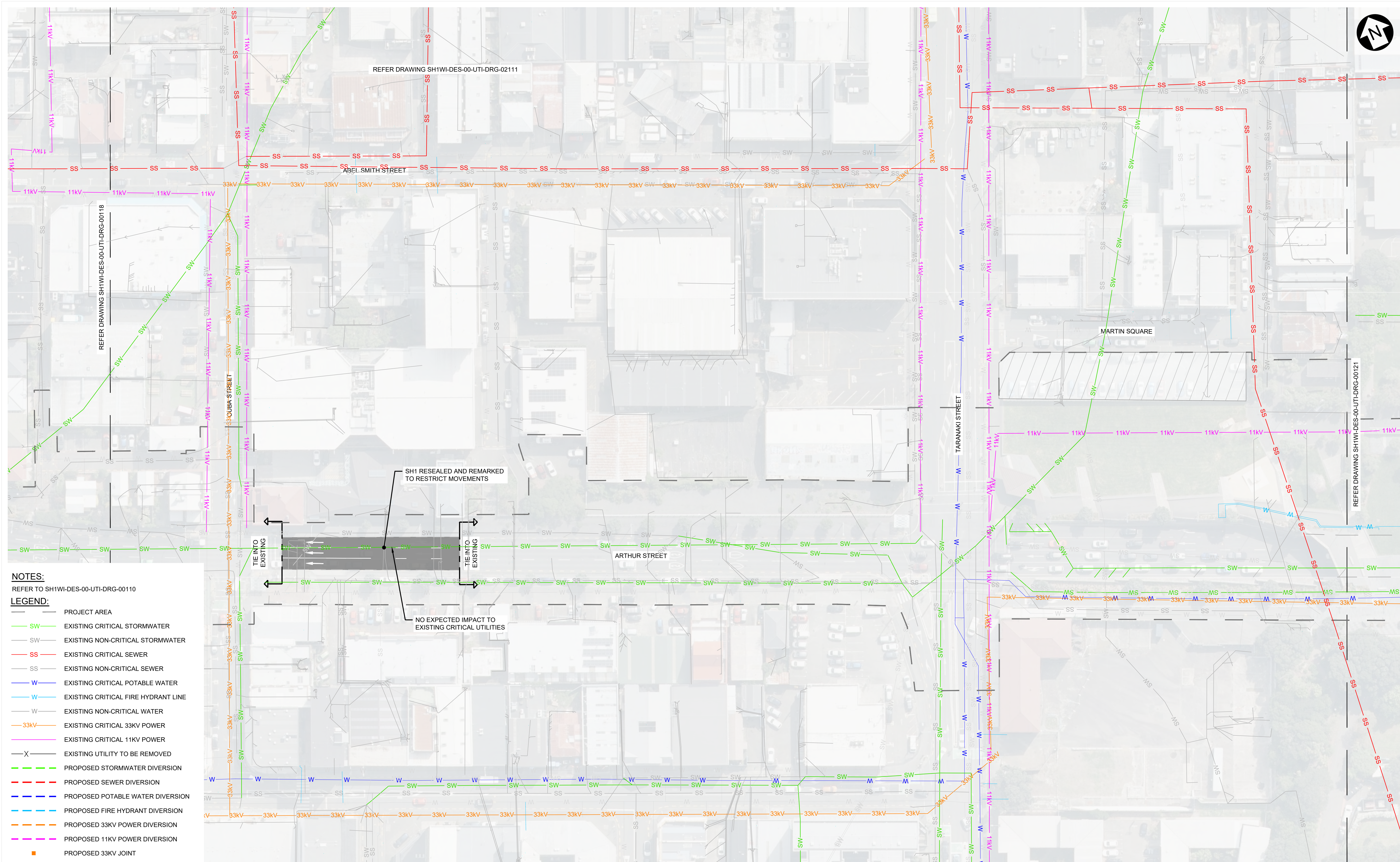
REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09



GENERAL

SCALES			ORIGINAL SIZE
1:500 (A1)	1:1000 (A3)		A1
DRAWN	DESIGNED	APPROVED	
S.SAAB	L.FENG / J.SUN	E.SUTTON	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
S.OUYANG	C.LOAN	2026-07-09	
CONSENT DESIGN			

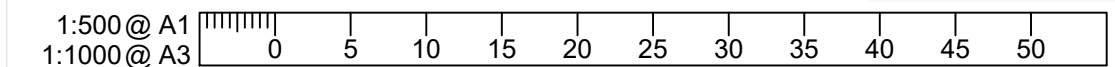
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WELLINGTON			
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE			
UTILITIES			
SHEET 8			
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5-C4434.01	SH1WI-DES-00-UTI-DRG	00118	A



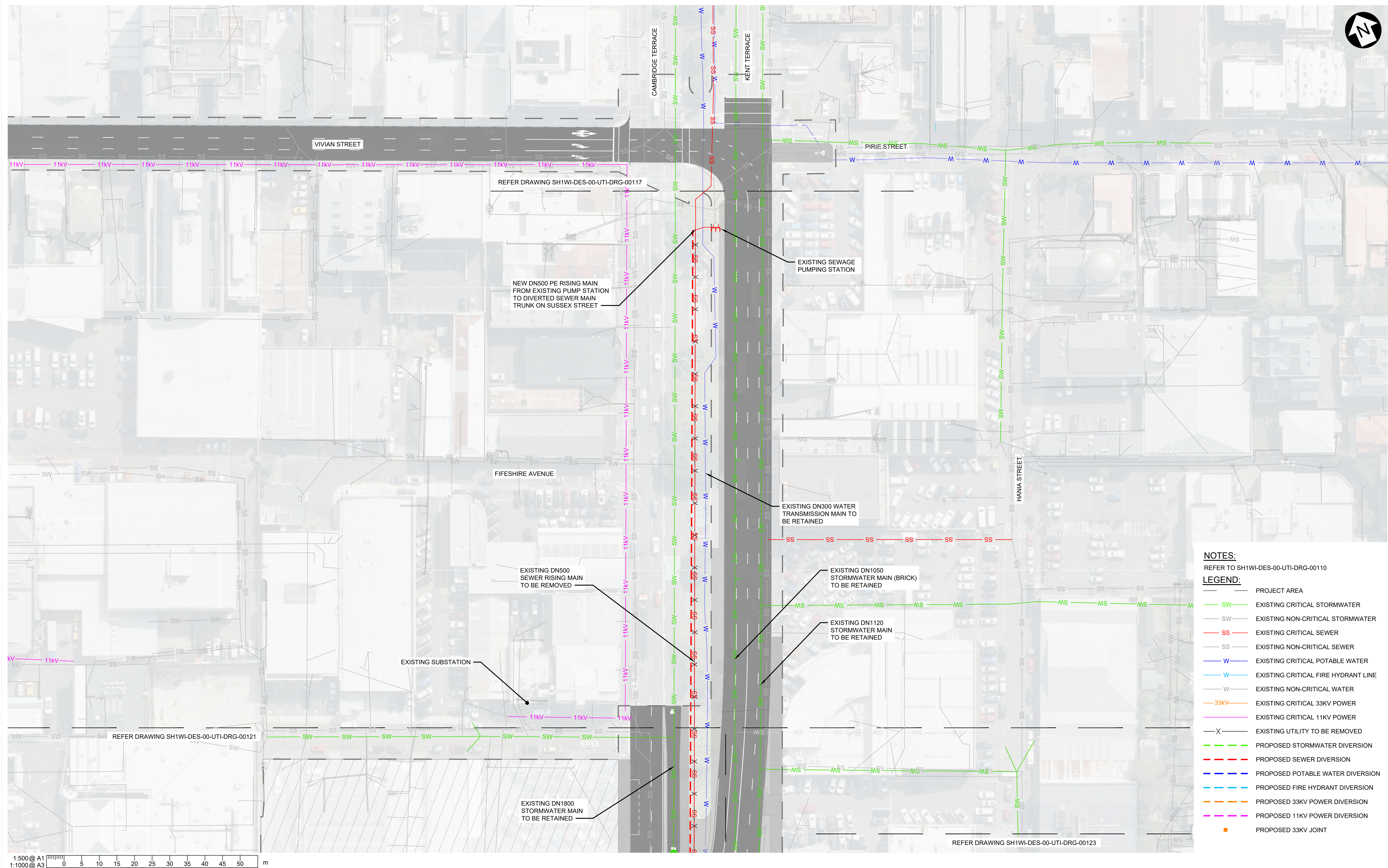
NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

LEGEND:

- PROJECT AREA
- EXISTING CRITICAL STORMWATER
- EXISTING NON-CRITICAL STORMWATER
- EXISTING CRITICAL SEWER
- EXISTING NON-CRITICAL SEWER
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- PROPOSED FIRE HYDRANT DIVERSION
- PROPOSED 33KV POWER DIVERSION
- PROPOSED 11KV POWER DIVERSION
- PROPOSED 33KV JOINT



REVISION AMENDMENT A CONSENT DESIGN		APPROVED E.SUTTON DATE 2026-07-09		NZ TRANSPORT AGENCY WAKA KOTAHI Tonkin+Taylor ARUP GENERAL		SCALES 1:500 (A1) 1:1000 (A3) ORIGINAL SIZE A1			PROJECT NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			TITLE UTILITIES SHEET 9		WSP PROJECT NO. 5-C4434.01		PROJ-ORIG-VOL-LOC-TYPE SH1WI-DES-00-UTI-DRG		SHEET NO. 00119		REVISION A	
						DRAWN S.SAAB DESIGNED L.FENG / J.SUN APPROVED E.SUTTON						DRAWING VERIFIED S.OUYANG		DESIGN VERIFIED C.LOAN		APPROVED DATE 2026-07-09					
						CONSSENT DESIGN															

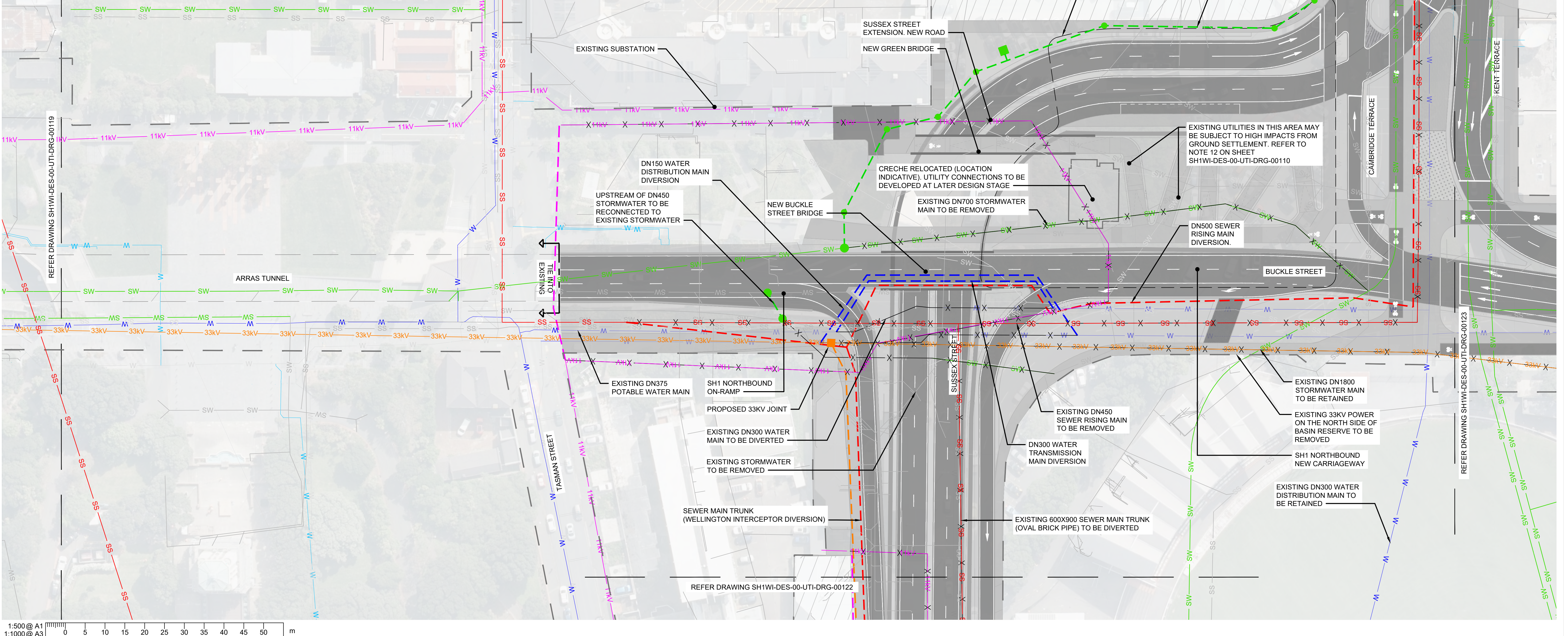


- NOTES:**
REFER TO SH1WI-DES-00-UTI-DRG-00110
- LEGEND:**
- PROJECT AREA
 - SW EXISTING CRITICAL STORMWATER
 - SW EXISTING NON-CRITICAL STORMWATER
 - SS EXISTING CRITICAL SEWER
 - SS EXISTING NON-CRITICAL SEWER
 - W EXISTING CRITICAL POTABLE WATER
 - W EXISTING CRITICAL FIRE HYDRANT LINE
 - W EXISTING NON-CRITICAL WATER
 - 33kV EXISTING CRITICAL 33KV POWER
 - 11kV EXISTING CRITICAL 11KV POWER
 - X EXISTING UTILITY TO BE REMOVED
 - PROPOSED STORMWATER DIVERSION
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 - PROPOSED 33KV JOINT

REVISION		AMENDMENT		APPROVED		DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

- LEGEND:
- PROJECT AREA
 - EXISTING CRITICAL STORMWATER
 - EXISTING NON-CRITICAL STORMWATER
 - EXISTING CRITICAL SEWER
 - EXISTING NON-CRITICAL SEWER
 - EXISTING CRITICAL POTABLE WATER
 - EXISTING CRITICAL FIRE HYDRANT LINE
 - EXISTING NON-CRITICAL WATER
 - EXISTING CRITICAL 33KV POWER
 - EXISTING CRITICAL 11KV POWER
 - EXISTING UTILITY TO BE REMOVED
 - PROPOSED STORMWATER DIVERSION
 - PROPOSED SEWER DIVERSION
 - PROPOSED POTABLE WATER DIVERSION
 - PROPOSED FIRE HYDRANT DIVERSION
 - PROPOSED 33KV POWER DIVERSION
 - PROPOSED 11KV POWER DIVERSION
 - PROPOSED 33KV JOINT

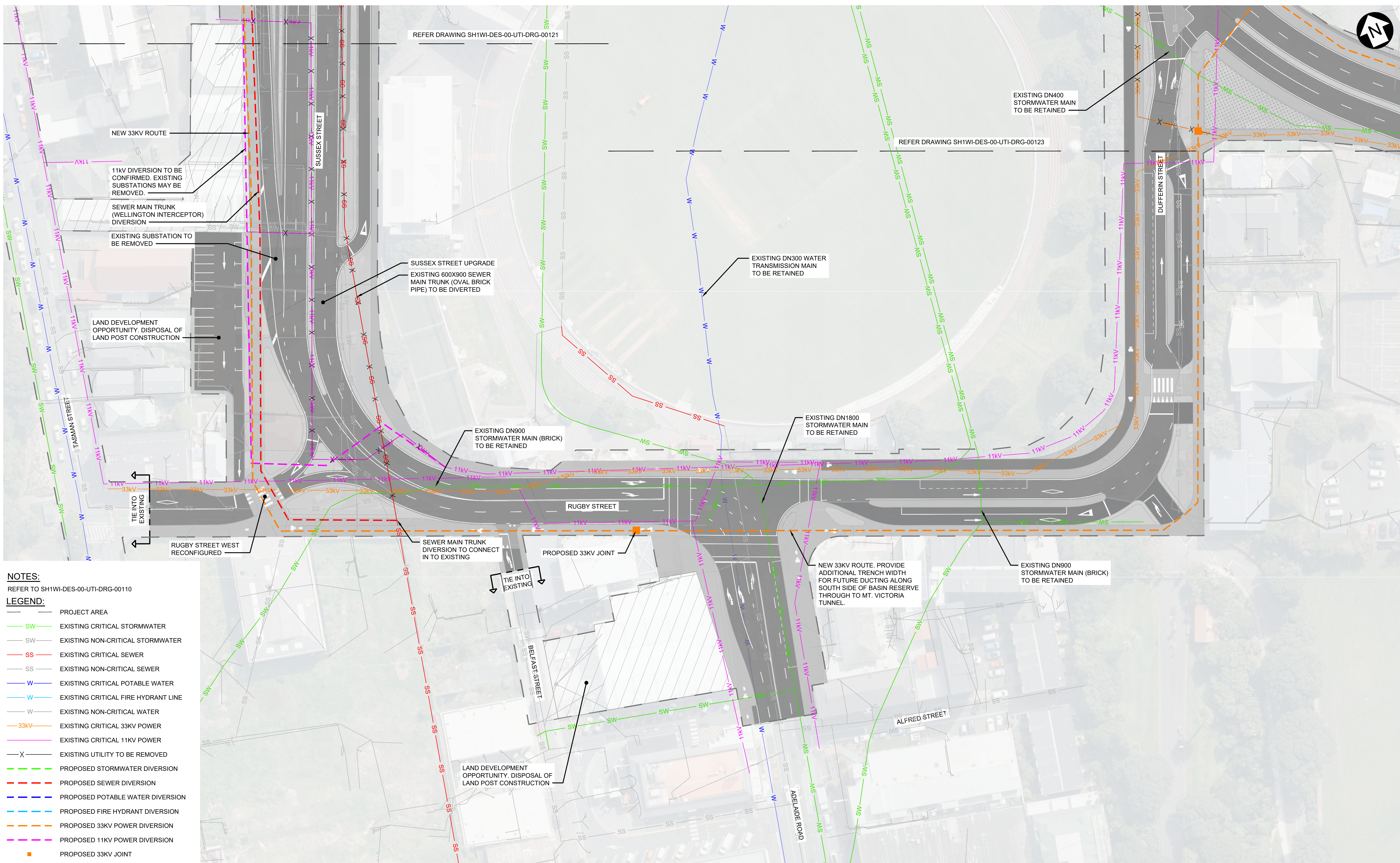


REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09

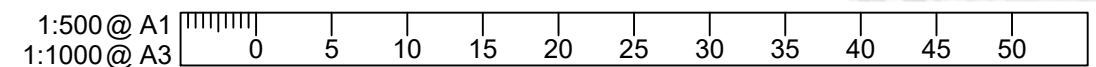


SCALES	ORIGINAL SIZE
1:500 (A1) 1:1000 (A3)	A1
DRAWN	DESIGNED
S.SAAB	L.FENG / J.SUN
DRAWING VERIFIED	APPROVED
S.OUYANG	E.SUTTON

PROJECT	NZ TRANSPORT AGENCY
WELLINGTON	STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS
TITLE	UTILITIES
SHEET 11	
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE
5-C4434.01	SH1WI-DES-00-UTI-DRG
SHEET NO.	REVISION
00121	A



- NOTES:**
REFER TO SH1WI-DES-00-UTI-DRG-00110
- LEGEND:**
- PROJECT AREA
 - EXISTING CRITICAL STORMWATER
 - EXISTING NON-CRITICAL STORMWATER
 - EXISTING CRITICAL SEWER
 - EXISTING NON-CRITICAL SEWER
 - EXISTING CRITICAL POTABLE WATER
 - EXISTING CRITICAL FIRE HYDRANT LINE
 - EXISTING NON-CRITICAL WATER
 - EXISTING CRITICAL 33KV POWER
 - EXISTING CRITICAL 11KV POWER
 - EXISTING UTILITY TO BE REMOVED
 - PROPOSED STORMWATER DIVERSION
 - PROPOSED SEWER DIVERSION
 - PROPOSED POTABLE WATER DIVERSION
 - PROPOSED FIRE HYDRANT DIVERSION
 - PROPOSED 33KV POWER DIVERSION
 - PROPOSED 11KV POWER DIVERSION
 - PROPOSED 33KV JOINT



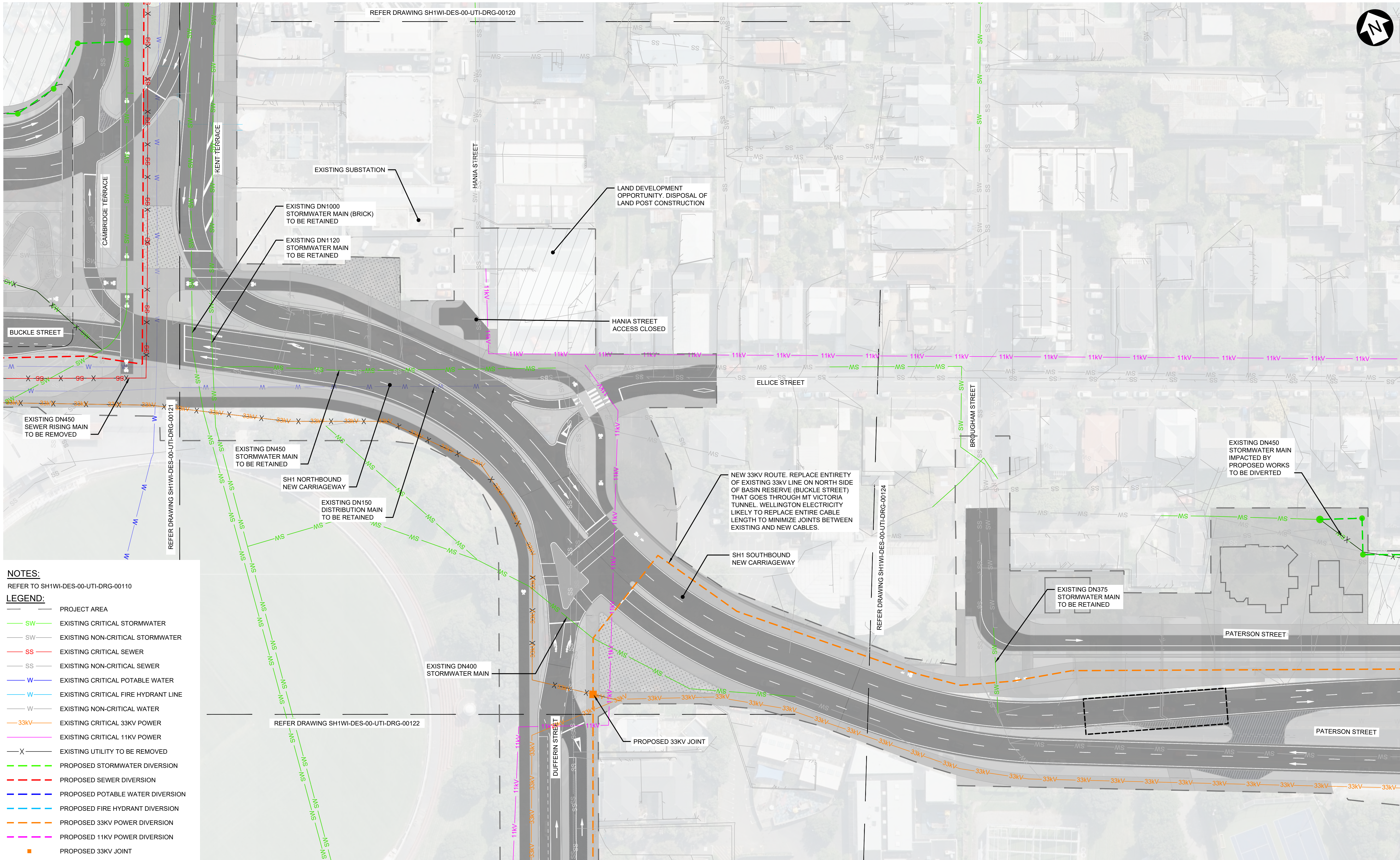
REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09



GENERAL

SCALES			ORIGINAL SIZE
1:500 (A1)	1:1000 (A3)		A1
DRAWN	DESIGNED	APPROVED	
S.SAAB	L.FENG / J.SUN	E.SUTTON	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
S.OUYANG	C.LOAN	2026-07-09	
CONSSENT DESIGN			

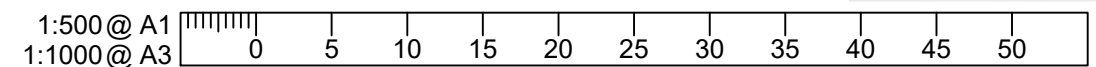
PROJECT			
NZ TRANSPORT AGENCY			
WELLINGTON			
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE			
UTILITIES			
SHEET 12			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
5-C4434.01	SH1WI-DES-00-UTI-DRG	00122	A



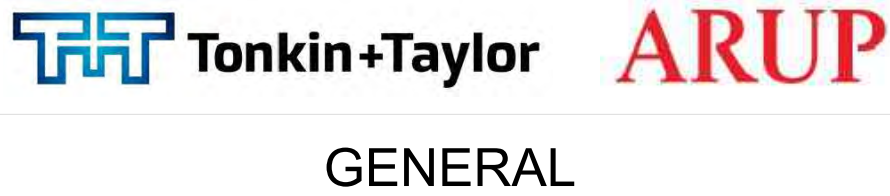
NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

LEGEND:

- PROJECT AREA
- EXISTING CRITICAL STORMWATER
- EXISTING NON-CRITICAL STORMWATER
- EXISTING CRITICAL SEWER
- EXISTING NON-CRITICAL SEWER
- EXISTING CRITICAL POTABLE WATER
- EXISTING CRITICAL FIRE HYDRANT LINE
- EXISTING NON-CRITICAL WATER
- EXISTING CRITICAL 33KV POWER
- EXISTING CRITICAL 11KV POWER
- EXISTING UTILITY TO BE REMOVED
- PROPOSED STORMWATER DIVERSION
- PROPOSED SEWER DIVERSION
- PROPOSED POTABLE WATER DIVERSION
- PROPOSED FIRE HYDRANT DIVERSION
- PROPOSED 33KV POWER DIVERSION
- PROPOSED 11KV POWER DIVERSION
- PROPOSED 33KV JOINT



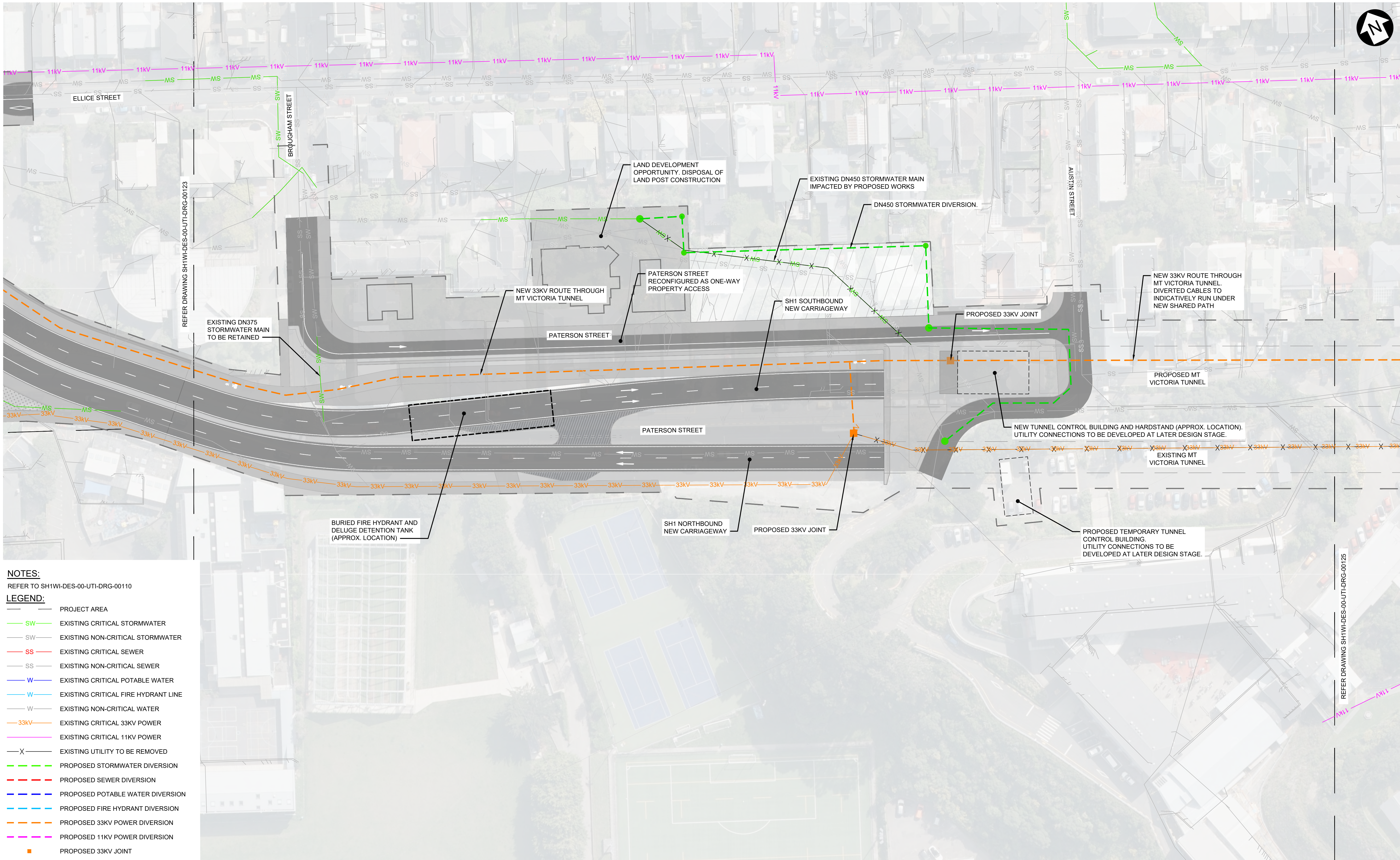
REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09



GENERAL

SCALES			ORIGINAL SIZE
1:500 (A1) 1:1000 (A3)			A1
DRAWN	DESIGNED	APPROVED	
S.SAAB	L.FENG / J.SUN	E.SUTTON	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
S.OUYANG	C.LOAN	2026-07-09	
CONSSENT DESIGN			

PROJECT			
NZ TRANSPORT AGENCY			
WELLINGTON			
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE			
UTILITIES			
SHEET 13			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
5-C4434.01	SH1WI-DES-00-UTI-DRG	00123	A



NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

- LEGEND:
- PROJECT AREA
 - EXISTING CRITICAL STORMWATER
 - EXISTING NON-CRITICAL STORMWATER
 - EXISTING CRITICAL SEWER
 - EXISTING NON-CRITICAL SEWER
 - EXISTING CRITICAL POTABLE WATER
 - EXISTING CRITICAL FIRE HYDRANT LINE
 - EXISTING NON-CRITICAL WATER
 - EXISTING CRITICAL 33KV POWER
 - EXISTING CRITICAL 11KV POWER
 - EXISTING UTILITY TO BE REMOVED
 - PROPOSED STORMWATER DIVERSION
 - PROPOSED SEWER DIVERSION
 - PROPOSED POTABLE WATER DIVERSION
 - PROPOSED FIRE HYDRANT DIVERSION
 - PROPOSED 33KV POWER DIVERSION
 - PROPOSED 11KV POWER DIVERSION
 - PROPOSED 33KV JOINT

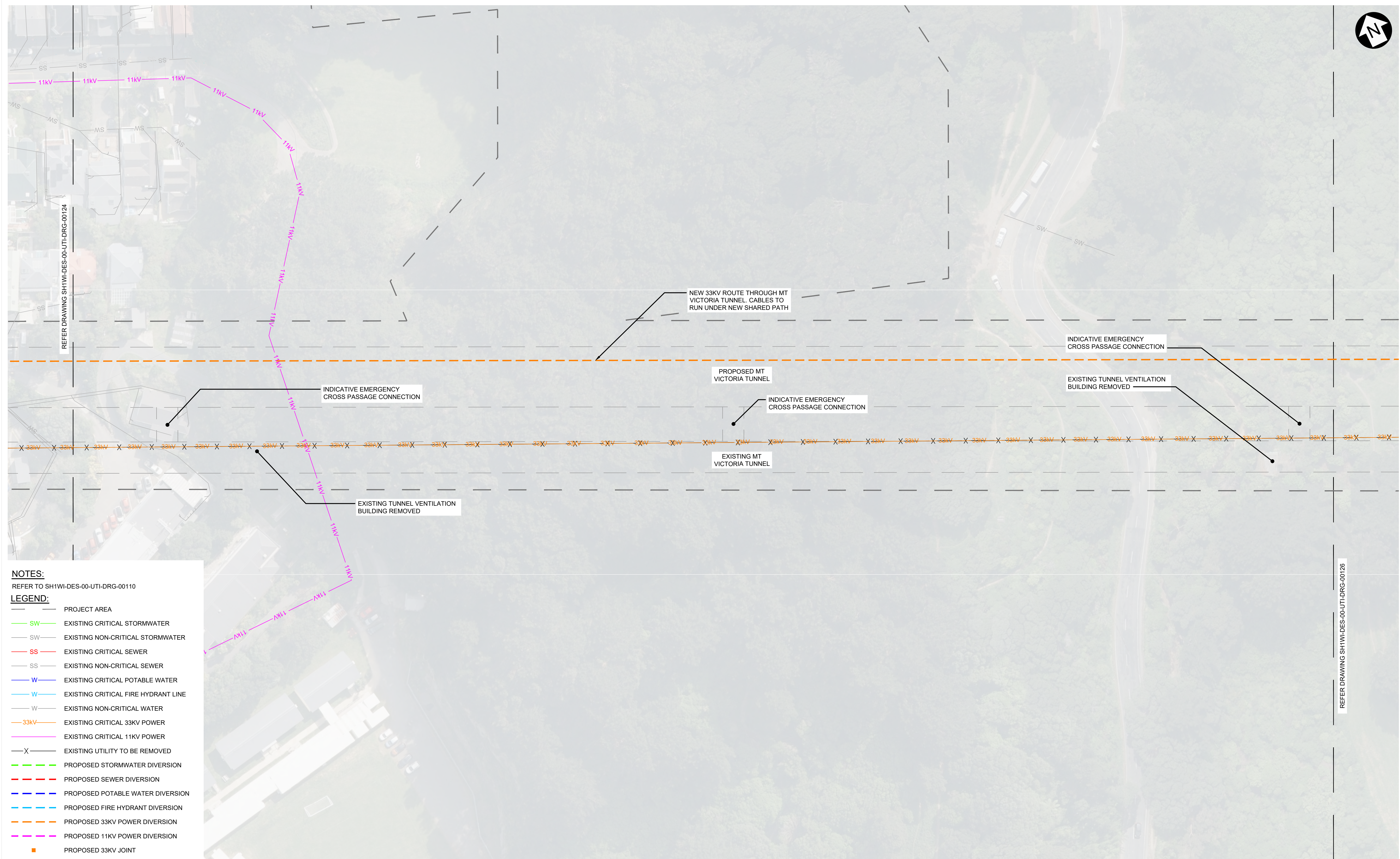
1:500 @ A1
1:1000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09



SCALES		ORIGINAL SIZE
1:500 (A1)	1:1000 (A3)	A1
DRAWN	DESIGNED	APPROVED
S.SAAB	L.FENG / J.SUN	E.SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.OUYANG	C.LOAN	2026-07-09
CONSENT DESIGN		

PROJECT		
NZ TRANSPORT AGENCY		
WELLINGTON		
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS		
TITLE		
UTILITIES		
SHEET 14		
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.
5-C4434.01	SH1WI-DES-00-UTI-DRG	00124
		REVISION
		A



NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

LEGEND:

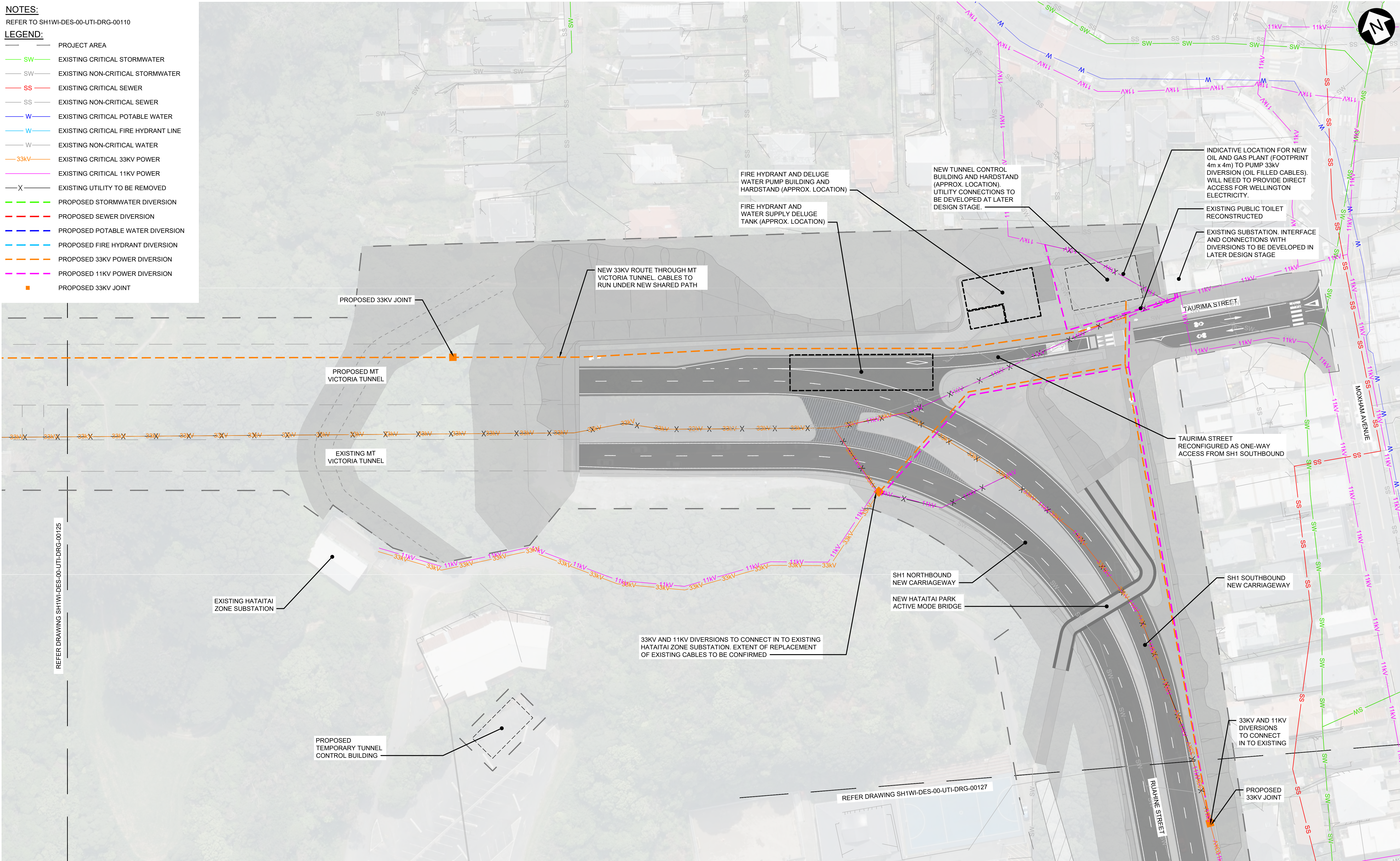
	PROJECT AREA
	EXISTING CRITICAL STORMWATER
	EXISTING NON-CRITICAL STORMWATER
	EXISTING CRITICAL SEWER
	EXISTING NON-CRITICAL SEWER
	EXISTING CRITICAL POTABLE WATER
	EXISTING CRITICAL FIRE HYDRANT LINE
	EXISTING NON-CRITICAL WATER
	EXISTING CRITICAL 33KV POWER
	EXISTING CRITICAL 11KV POWER
	EXISTING UTILITY TO BE REMOVED
	PROPOSED STORMWATER DIVERSION
	PROPOSED SEWER DIVERSION
	PROPOSED POTABLE WATER DIVERSION
	PROPOSED FIRE HYDRANT DIVERSION
	PROPOSED 33KV POWER DIVERSION
	PROPOSED 11KV POWER DIVERSION
	PROPOSED 33KV JOINT

1:500 @ A1
1:1000 @ A3

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NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

- LEGEND:
- PROJECT AREA
 - EXISTING CRITICAL STORMWATER
 - EXISTING NON-CRITICAL STORMWATER
 - EXISTING CRITICAL SEWER
 - EXISTING NON-CRITICAL SEWER
 - EXISTING CRITICAL POTABLE WATER
 - EXISTING CRITICAL FIRE HYDRANT LINE
 - EXISTING NON-CRITICAL WATER
 - EXISTING CRITICAL 33KV POWER
 - EXISTING CRITICAL 11KV POWER
 - EXISTING UTILITY TO BE REMOVED
 - PROPOSED STORMWATER DIVERSION
 - PROPOSED SEWER DIVERSION
 - PROPOSED POTABLE WATER DIVERSION
 - PROPOSED FIRE HYDRANT DIVERSION
 - PROPOSED 33KV POWER DIVERSION
 - PROPOSED 11KV POWER DIVERSION
 - PROPOSED 33KV JOINT



1:500 @ A1
1:1000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09



GENERAL

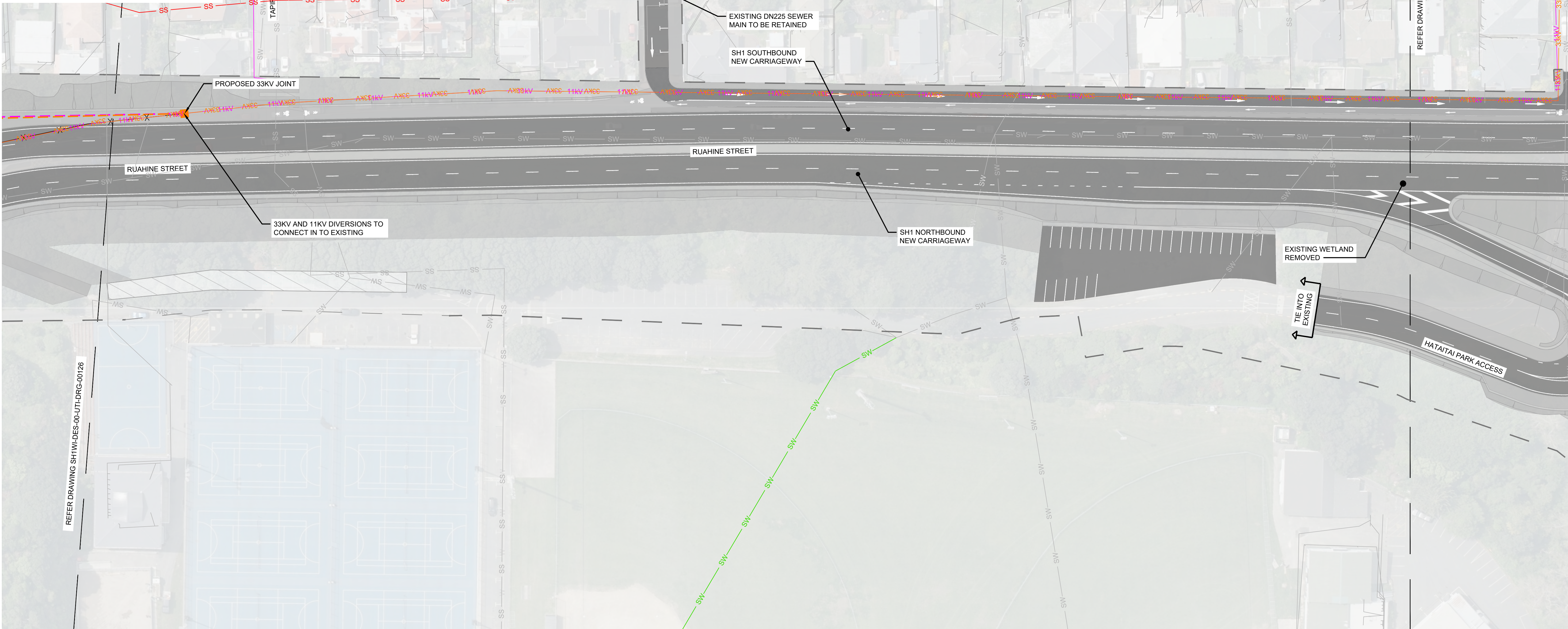
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1:500 (A1) 1:1000 (A3)	A1
DRAWN	DESIGNED
S.SAAB	L.FENG / J.SUN
DRAWING VERIFIED	APPROVED
S.OUYANG	E.SUTTON

CONSENT DESIGN

PROJECT	NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS
TITLE	UTILITIES SHEET 16
WSP PROJECT NO.	5-C4434.01
PROJ-ORIG-VOL-LOC-TYPE	SH1WI-DES-00-UTI-DRG
SHEET NO.	00126
REVISION	A

NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

- LEGEND:
- PROJECT AREA
 - EXISTING CRITICAL STORMWATER
 - EXISTING NON-CRITICAL STORMWATER
 - EXISTING CRITICAL SEWER
 - EXISTING NON-CRITICAL SEWER
 - EXISTING CRITICAL POTABLE WATER
 - EXISTING CRITICAL FIRE HYDRANT LINE
 - EXISTING NON-CRITICAL WATER
 - EXISTING CRITICAL 33KV POWER
 - EXISTING CRITICAL 11KV POWER
 - EXISTING UTILITY TO BE REMOVED
 - PROPOSED STORMWATER DIVERSION
 - PROPOSED SEWER DIVERSION
 - PROPOSED POTABLE WATER DIVERSION
 - PROPOSED FIRE HYDRANT DIVERSION
 - PROPOSED 33KV POWER DIVERSION
 - PROPOSED 11KV POWER DIVERSION
 - PROPOSED 33KV JOINT



1:500 @ A1
1:1000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09



GENERAL

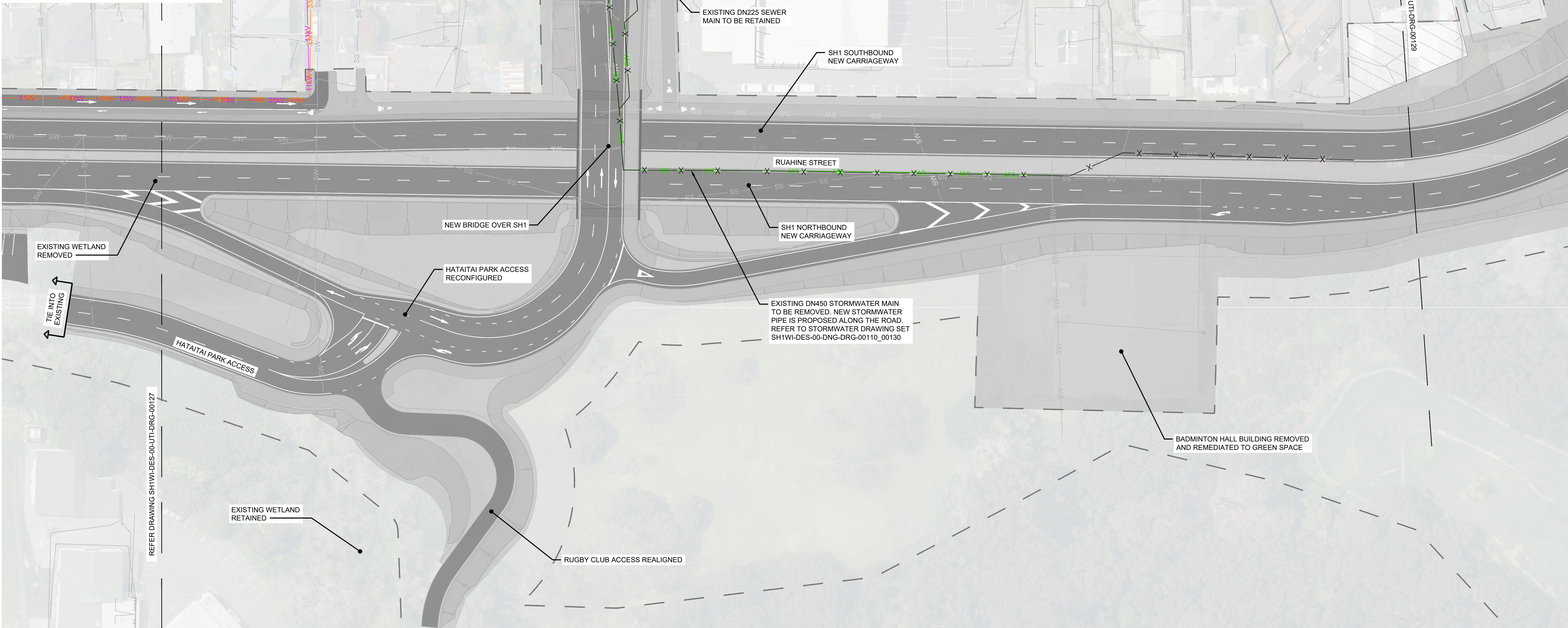
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DRAWN	DESIGNED	APPROVED	
S.SAAB	L.FENG / J.SUN	E.SUTTON	
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE	
S.OUYANG	C.LOAN	2026-07-09	

CONSSENT DESIGN

PROJECT			
NZ TRANSPORT AGENCY			
WELLINGTON			
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS			
TITLE			
UTILITIES			
SHEET 17			
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.	REVISION
5-C4434.01	SH1WI-DES-00-UTI-DRG	00127	A

NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

- LEGEND:
- PROJECT AREA
 - EXISTING CRITICAL STORMWATER
 - EXISTING NON-CRITICAL STORMWATER
 - EXISTING CRITICAL SEWER
 - EXISTING NON-CRITICAL SEWER
 - EXISTING CRITICAL POTABLE WATER
 - EXISTING CRITICAL FIRE HYDRANT LINE
 - EXISTING NON-CRITICAL WATER
 - EXISTING CRITICAL 33KV POWER
 - EXISTING CRITICAL 11KV POWER
 - EXISTING UTILITY TO BE REMOVED
 - PROPOSED STORMWATER DIVERSION
 - PROPOSED SEWER DIVERSION
 - PROPOSED POTABLE WATER DIVERSION
 - PROPOSED FIRE HYDRANT DIVERSION
 - PROPOSED 33KV POWER DIVERSION
 - PROPOSED 11KV POWER DIVERSION
 - PROPOSED 33KV JOINT



1:500 @ A1
1:1000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09



GENERAL

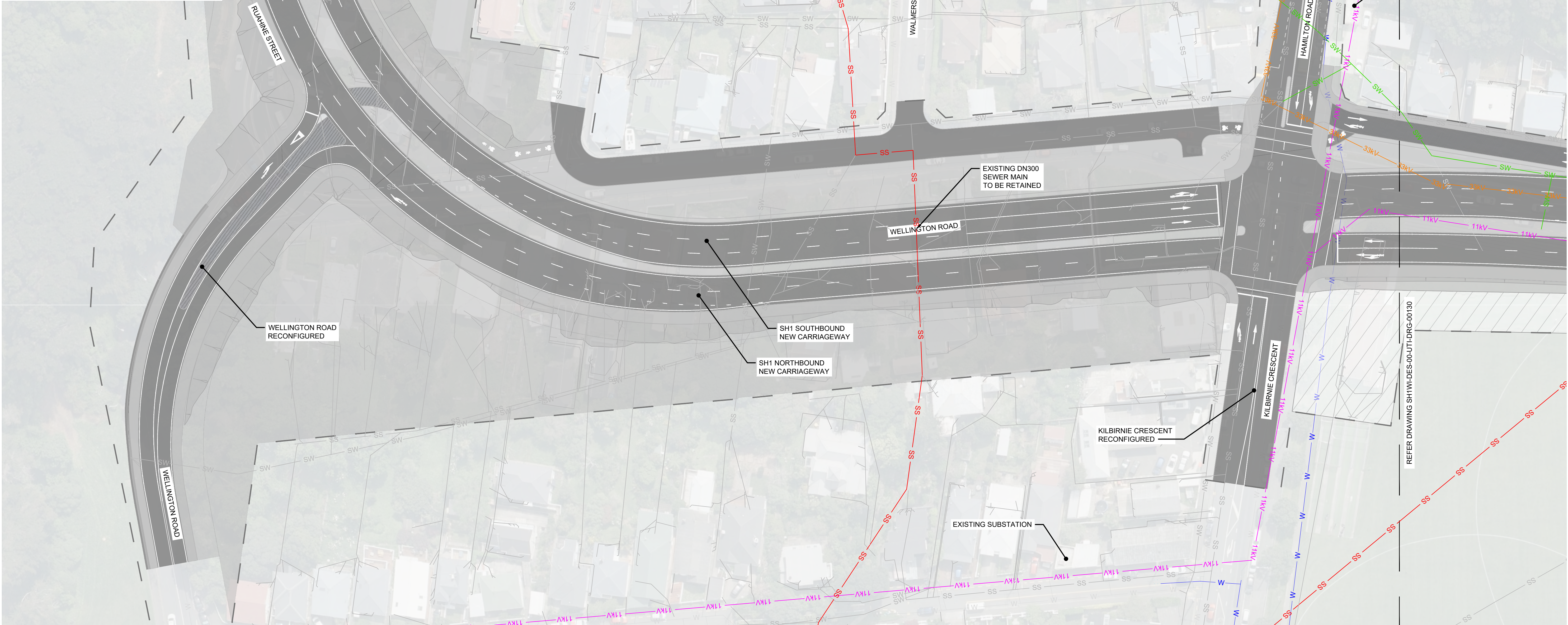
SCALES		ORIGINAL SIZE
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DRAWN	DESIGNED	APPROVED
S.SAAB	L.FENG / J.SUN	E.SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.OUYANG	C.LOAN	2026-07-09

CONSENT DESIGN

PROJECT		
NZ TRANSPORT AGENCY		
WELLINGTON		
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS		
TITLE		
UTILITIES		
SHEET 18		
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE	SHEET NO.
5-C4434.01	SH1WI-DES-00-UTI-DRG	00128
REVISION		A

NOTES:
REFER TO SH1WI-DES-00-UTI-DRG-00110

- LEGEND:
- PROJECT AREA
 - EXISTING CRITICAL STORMWATER
 - EXISTING NON-CRITICAL STORMWATER
 - EXISTING CRITICAL SEWER
 - EXISTING NON-CRITICAL SEWER
 - EXISTING CRITICAL POTABLE WATER
 - EXISTING CRITICAL FIRE HYDRANT LINE
 - EXISTING NON-CRITICAL WATER
 - EXISTING CRITICAL 33KV POWER
 - EXISTING CRITICAL 11KV POWER
 - EXISTING UTILITY TO BE REMOVED
 - PROPOSED STORMWATER DIVERSION
 - PROPOSED SEWER DIVERSION
 - PROPOSED POTABLE WATER DIVERSION
 - PROPOSED FIRE HYDRANT DIVERSION
 - PROPOSED 33KV POWER DIVERSION
 - PROPOSED 11KV POWER DIVERSION
 - PROPOSED 33KV JOINT



1:500 @ A1
1:1000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09

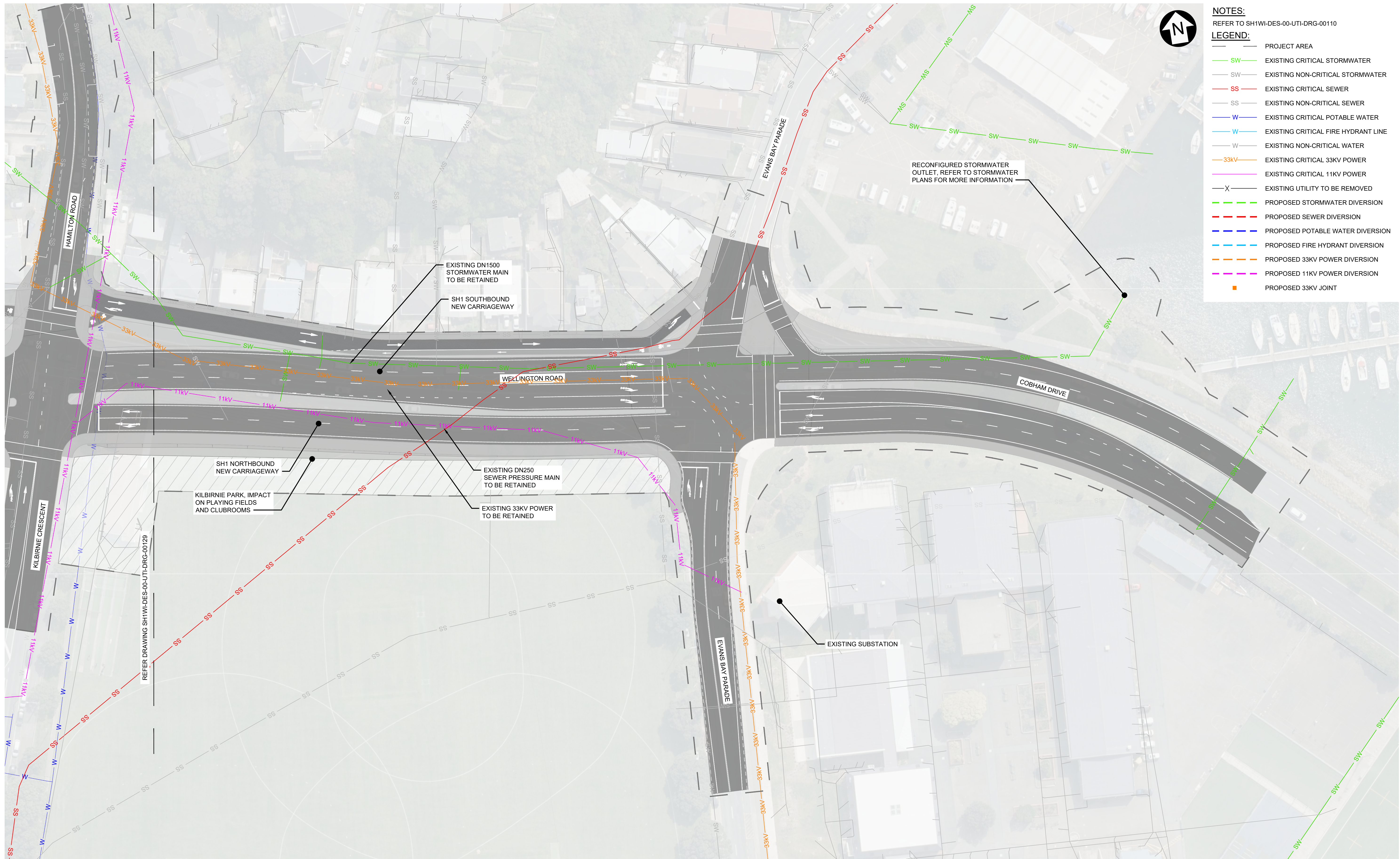


GENERAL

SCALES		ORIGINAL SIZE
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DRAWN	DESIGNED	APPROVED
S.SAAB	L.FENG / J.SUN	E.SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.OUYANG	C.LOAN	2026-07-09

CONSENT DESIGN

PROJECT NZ TRANSPORT AGENCY WELLINGTON STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS		
TITLE UTILITIES SHEET 19		
WSP PROJECT NO. 5-C4434.01	PROJ-ORIG-VOL-LOC-TYPE SH1WI-DES-00-UTI-DRG	SHEET NO. 00129
		REVISION A



- NOTES:**
REFER TO SH1WI-DES-00-UTI-DRG-00110
- LEGEND:**
- PROJECT AREA
 - EXISTING CRITICAL STORMWATER (SW)
 - EXISTING NON-CRITICAL STORMWATER (SW)
 - EXISTING CRITICAL SEWER (SS)
 - EXISTING NON-CRITICAL SEWER (SS)
 - EXISTING CRITICAL POTABLE WATER (W)
 - EXISTING CRITICAL FIRE HYDRANT LINE (W)
 - EXISTING NON-CRITICAL WATER (W)
 - EXISTING CRITICAL 33KV POWER (33kV)
 - EXISTING CRITICAL 11KV POWER (11kV)
 - EXISTING UTILITY TO BE REMOVED (X)
 - PROPOSED STORMWATER DIVERSION (SW)
 - PROPOSED SEWER DIVERSION (SS)
 - PROPOSED POTABLE WATER DIVERSION (W)
 - PROPOSED FIRE HYDRANT DIVERSION (W)
 - PROPOSED 33KV POWER DIVERSION (33kV)
 - PROPOSED 11KV POWER DIVERSION (11kV)
 - PROPOSED 33KV JOINT (33kV)

1:500 @ A1
1:1000 @ A3

REVISION	AMENDMENT	APPROVED	DATE
A	CONSENT DESIGN	E.SUTTON	2026-07-09



GENERAL

SCALES		ORIGINAL SIZE
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S.SAAB	L.FENG / J.SUN	E.SUTTON
DRAWING VERIFIED	DESIGN VERIFIED	APPROVED DATE
S.OUYANG	C.LOAN	2026-07-09

CONSSENT DESIGN

PROJECT	ORIGINAL SIZE	PROJECT	SHEET NO.	REVISION
NZ TRANSPORT AGENCY	A1	WELLINGTON	00130	A
STATE HIGHWAY 1 WELLINGTON IMPROVEMENTS				
TITLE				
UTILITIES				
SHEET 20				
WSP PROJECT NO.	PROJ-ORIG-VOL-LOC-TYPE			
5-C4434.01	SH1WI-DES-00-UTI-DRG			