

NOTES

1. LEVELS ARE IN TERMS OF MEAN SEA LEVEL - WELLINGTON CITY DATUM 1953

2. CONTOUR INTERVAL = 1.0m

01020304050m

SCALE

LEGEND:

STAGE 11 BOUNDARY

FUTURE LOTS

TOP OF BANK

EXISTING CONTOUR

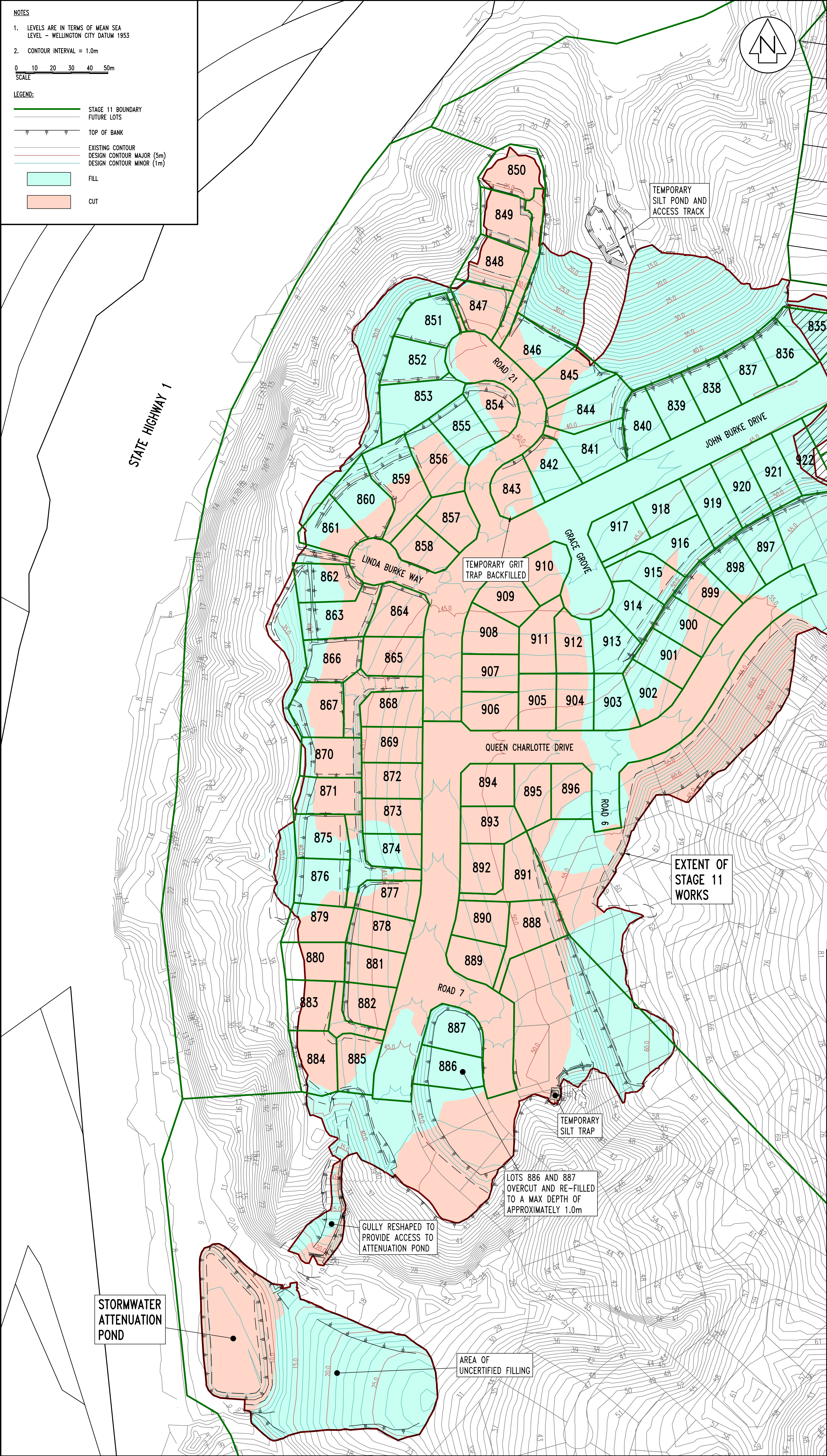
DESIGN CONTOUR MAJOR (5m)

DESIGN CONTOUR MINOR (1m)

FILL

CUT

	AMENDMENT	NAME	DATE
A	BATTER LOT 860 & 861 ALTERED	KML	02/14
B	ADDITIONAL FILL LOT 866	KML	06/14
C	FINAL LT BOUNDARIES ADDED	KML	08/14



STAGE 10

MINOR TRIMMING
DURING CONSTRUCTION

AREA HATCHED
EARTHWORKED UNDER
STAGE 10 WORKS

TEMPORARY SILT POND AND
ACCESS TRACK

TEMPORARY GRIT
TRAP BACKFILLED

EXTENT OF
STAGE 11
WORKS

TEMPORARY SILT TRAP

LOTS 886 AND 887
OVERCUT AND RE-FILLED
TO A MAX DEPTH OF
APPROXIMATELY 1.0m

GULLY RESHAPED TO
PROVIDE ACCESS TO
ATTENUATION POND

STORMWATER
ATTENUATION
POND

AREA OF
UNCERTIFIED FILLING

Cuttriss Consultants Limited
Hutt Valley, Wellington, Kapiti Coast

Cuttriss

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CARRUS LIMITED

JOB
AOTEA
STAGE 11 - EARTHWORKS

ASBUILT
EARTHWORKS

SCALE				SIZE	
1:1000 (A3 1:2000)				A1	
	NAME	DATE	DRAWING NUMBER		
FIELDWORK	KDG	12/13	27511ASB E		
DESIGNED	RFH	10/12			
DRAWN	KML	12/13	SHEET 1	OF 2	SHEETS
CHECKED	KDG	02/14	REVISION		C

NOTES

1. LEVELS ARE IN TERMS OF MEAN SEA LEVEL - WELLINGTON CITY DATUM 1953

2. CONTOUR INTERVAL = 1.0m

01020304050m

SCALE

LEGEND:

STAGE 11 BOUNDARY

FUTURE LOTS

TOP OF BANK

EXISTING CONTOUR

DESIGN CONTOUR MAJOR (5m)

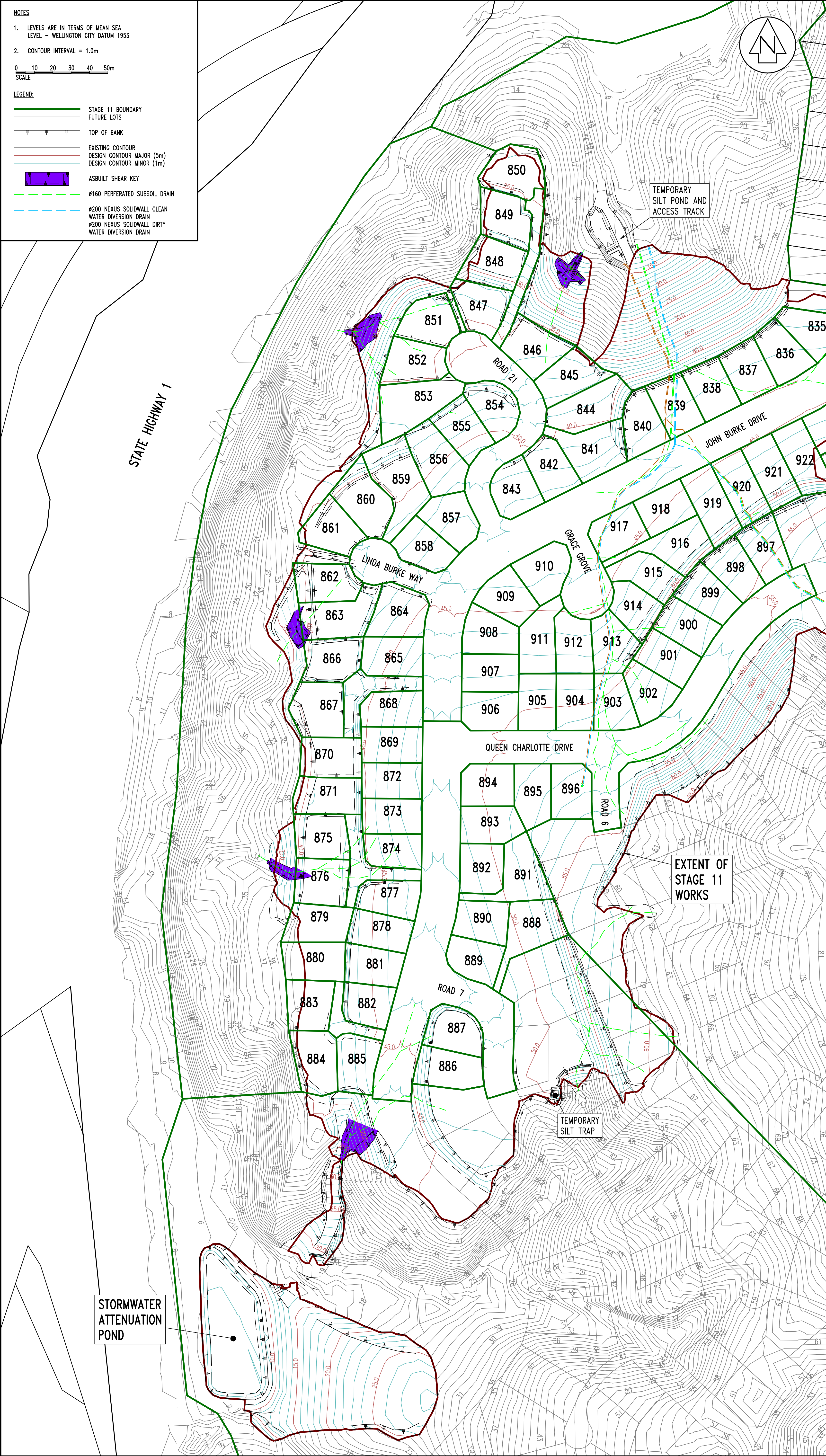
DESIGN CONTOUR MINOR (1m)

ASBUILT SHEAR KEY

Ø160 PERFERATED SUBSOIL DRAIN

Ø200 NEXUS SOLIDWALL CLEAN WATER DIVERSION DRAIN

Ø200 NEXUS SOLIDWALL DIRTY WATER DIVERSION DRAIN



AMENDMENT

NAME

DATE

A

BATTER LOT 860 & 861 ALTERED

KML

02/14

B

ADDITIONAL FILL LOT 866

KML

06/14

C

FINAL LT BOUNDARIES ADDED

KML

08/14

STAGE 10

STAGE 11 WORKS

STORMWATER ATTENUATION POND

TEMPORARY SILT POND AND ACCESS TRACK

TEMPORARY SILT TRAP

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JOB

AOTEA

STAGE 11 - EARTHWORKS

ASBUILT

SHEAR KEYS & SUBSOILS

SCALE

1:1000 (A3 1:2000)

SIZE

A1

FIELDWORK

DESIGNED

DRAWN

CHECKED

KDG

RFH

KML

KDG

DATE

12/13

10/12

12/13

02/14

DRAWING NUMBER

27511ASB E

SHEET

2

OF

2

SHEETS

REVISION

C

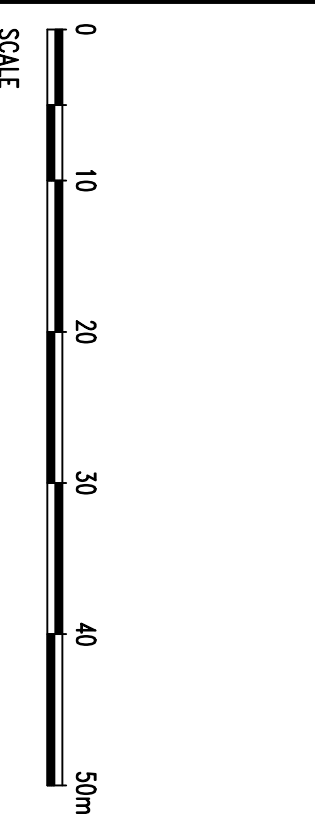
AMENDMENT		NAME	DATE
A	STAGE 11B ASBUILT DATA ADDED	KML	07/14
B	STAGE 11C DATA ADDED	KML	07/16

LEGEND:	
	BOUNDARY
	BOUNDARY (FUTURE STAGE)
	EXISTING SEWER
	NEW SEWER
	STORMWATER
	SECONDARY OVERLAND FLOW PATH
	SWAMP

- NOTES:
- ALL LEVELS ARE IN TERMS OF MEAN SEA LEVEL, WELLINGTON DATUM 1953.
 - COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.
 - PRIVATE STAKES PLACED AT THE TERMINATION POINT OF ALL MARKER SEWER CONNECTIONS.
 - POSITIONS OF PRIVATE CONNECTIONS BASED ON INFORMATION PROVIDED BY CONTRACTOR.
 - ALL DIMENSIONS SHOWN ARE HORIZONTAL, IN METRES.

- MANHOLES:
- ALL MANHOLES ARE PRECAST CONCRETE WITH WERFLORE HEAVY DUTY CLASS D RINGED LID.
 - ALL MANHOLES ARE #1050 UNLESS SHOWN OTHERWISE.

- PIPE WORK:
- ALL SEWER MAINS ARE #150 uPVC SNI6 UNLESS SHOWN AS DN160 PE.
 - ALL PRIVATE LATERALS ARE #100 uPVC SNI6.



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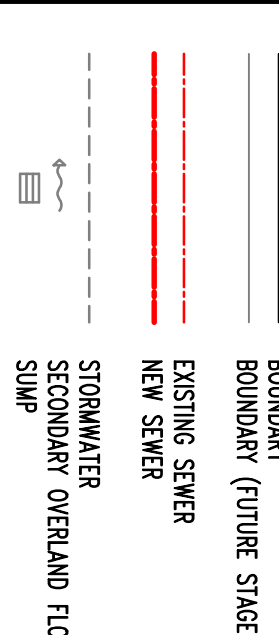
JOB
**AOTEA
SUBDIVISION CIVIL WORKS
STAGE 11**

**SEWER
ASBUILT PLAN
(SHEET 1 OF 2)**

SCALE		SIZE	
1:500	(A3 1:1000)	A1	
NAME	DATE	DRAWING NUMBER	
FELDKW	KOC 12/13	27511ASB SS	
DESIGNED	RFH 03/13		
DRAWN	KML 12/13	SHEET 1	OF 2 SHEETS
CHECKED	KOC 02/14	REVISION	B

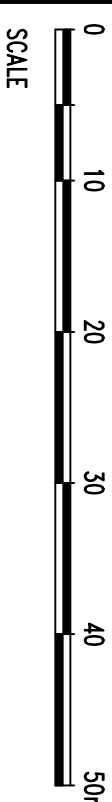
AMENDMENT		NAME	DATE
A	STAGE 11B ASBUILT DATA ADDED	KML	07/14
B	STAGE 11C DATA ADDED	KML	07/16

LEGEND:



NOTES:

- ALL LEVELS ARE IN TERMS OF MEAN SEA LEVEL, WELLINGTON DATUM 1953.
 - COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.
 - MARKER STAKES PLACED AT THE TERMINATION POINT OF ALL PRIVATE SEWER CONNECTIONS.
 - POSITIONS OF PRIVATE CONNECTIONS BASED ON INFORMATION PROVIDED BY CONTRACTOR.
 - ALL DIMENSIONS SHOWN ARE HORIZONTAL, IN METRES.
- MANHOLES:
- ALL MANHOLES ARE PRECAST CONCRETE WITH WEIRORGE HEAVY DUTY CLASS D RINGED LID.
 - ALL MANHOLES ARE #1050 UNLESS SHOWN OTHERWISE.
- PIPE WORK:
- ALL SEWER MAINS ARE #150 uPVC SNI6 UNLESS SHOWN AS DN160 PE.
 - ALL PRIVATE LATERALS ARE #100 uPVC SNI6.



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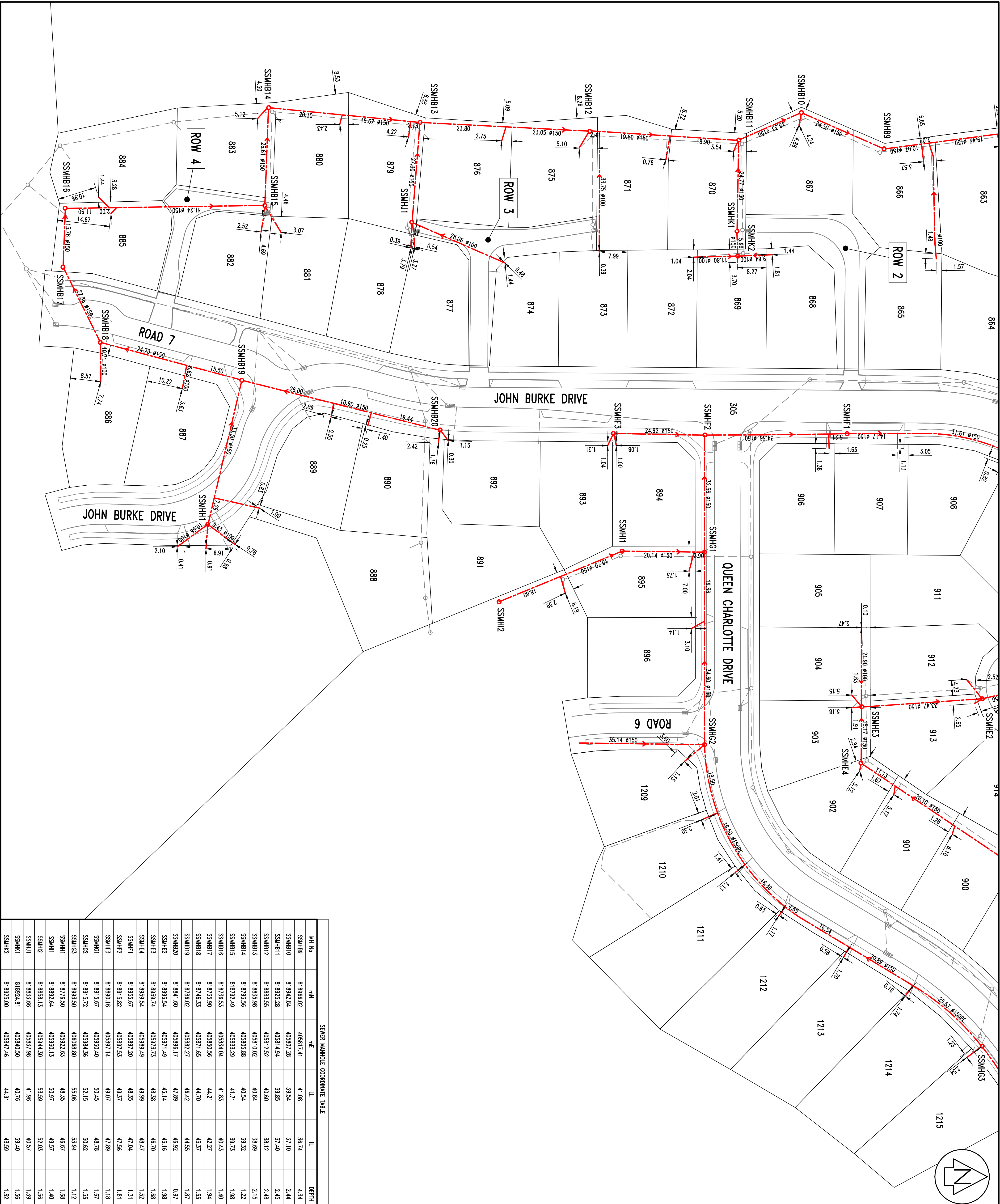
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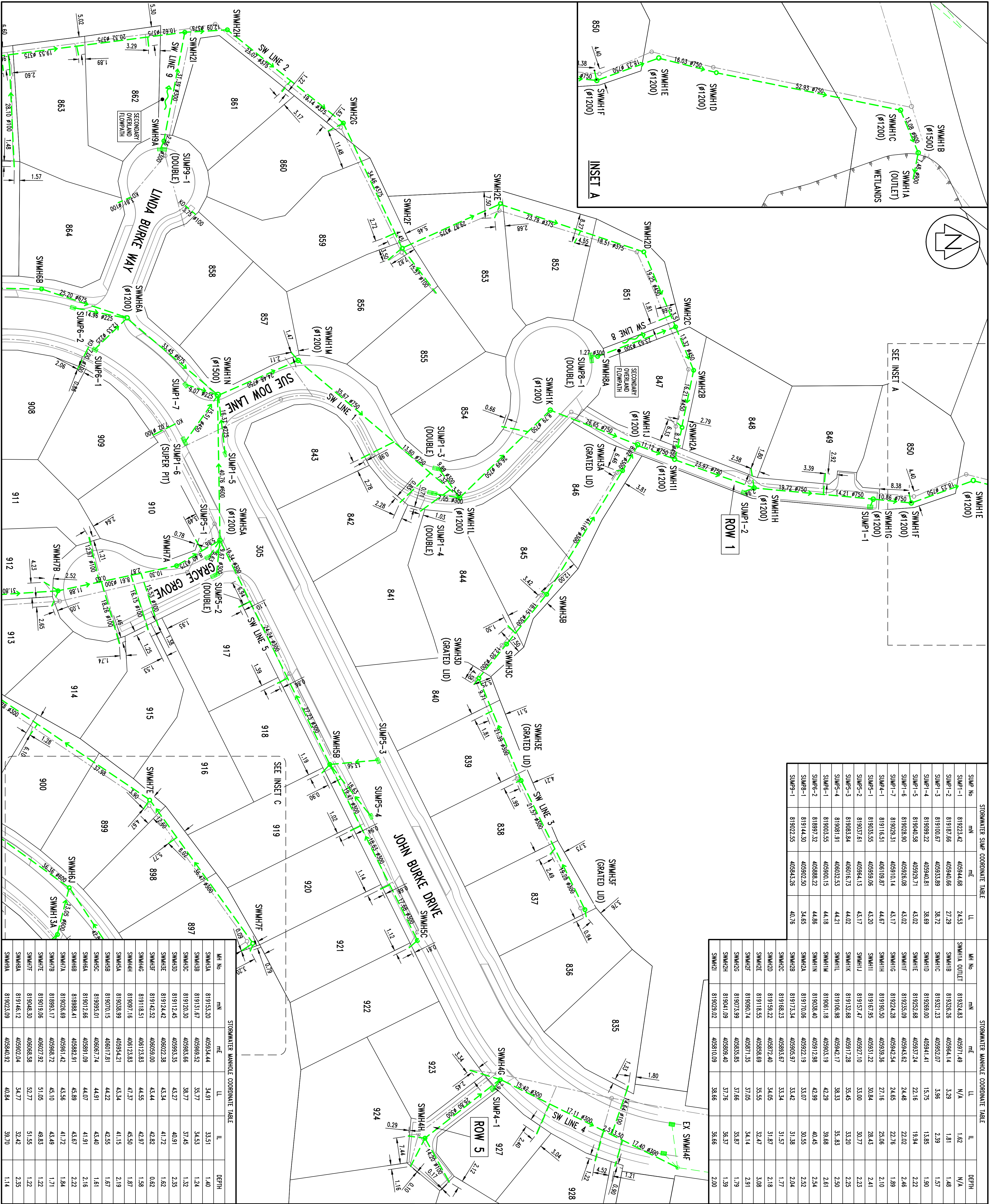
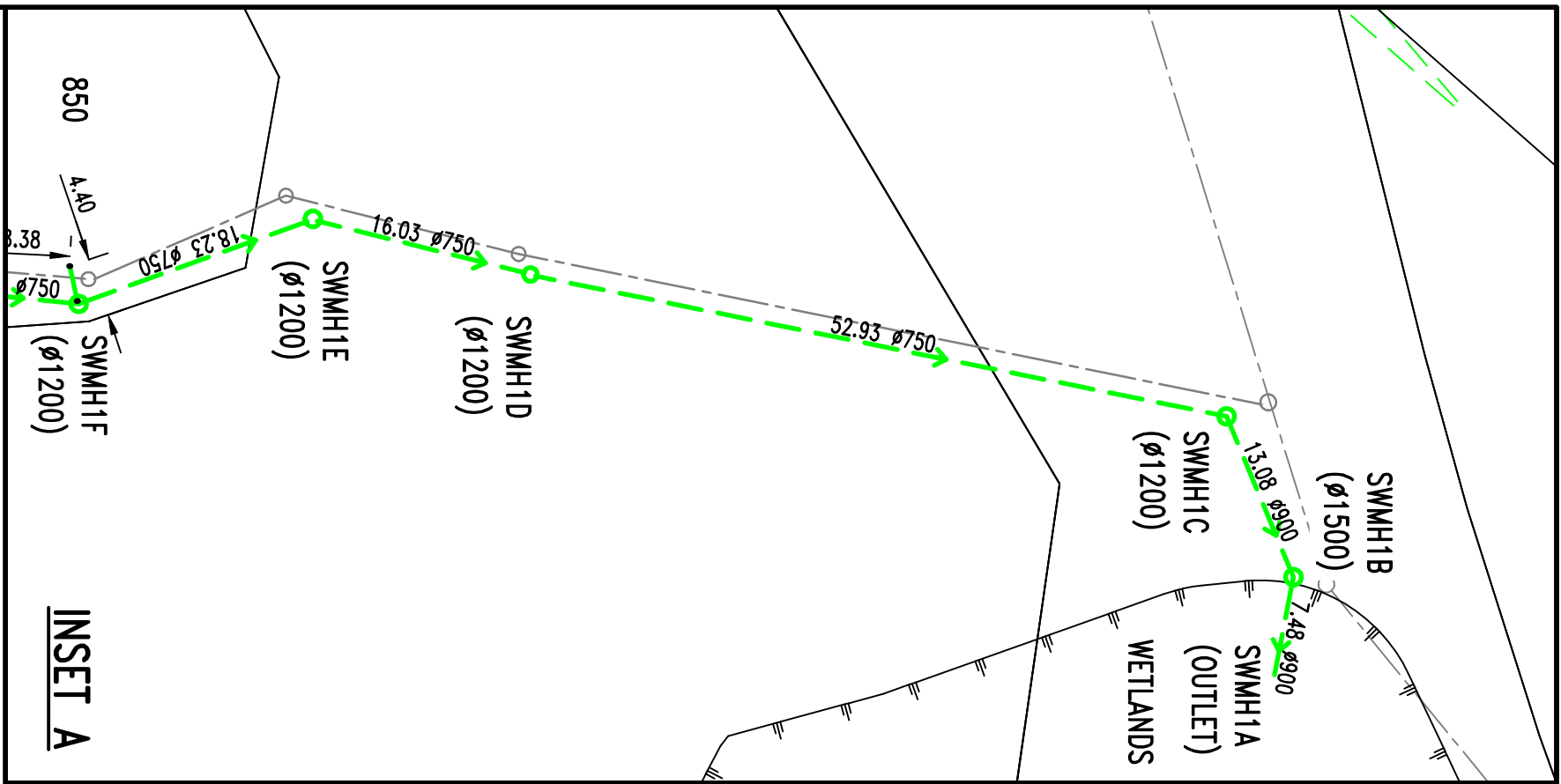
JOB
AOTEA
SUBDIVISION CIVIL WORKS
STAGE 11

SEWER
ASBUILT PLAN
(SHEET 2 OF 2)

SCALE
1:500 (A3 1:1000)

NAME	DATE	DRAWING NUMBER	SIZE
FIELDWORK	KOC	12/13	27511ASB SS
DESIGNED	RHH	03/13	
DRAWN	KML	12/13	SHEET 2 OF 2 SHEETS
CHECKED	KOC	02/14	REVISION B





STORMWATER SUMP COORDINATE TABLE					STORMWATER MANHOLE COORDINATE TABLE				
SUMP No	mn	me	LL	IL	MH No	mn	me	LL	IL
SUMP-1	819223.42	405944.88	24.53		SWMH1A OUTLET	819324.83	405971.49	N/A	1.82
SUMP-2	819187.66	405940.66	27.29		SWMH1B	819326.76	405964.14	3.29	1.81
SUMP-3	819100.67	405933.89	38.72		SWMH1C	819321.23	405942.07	3.96	2.39
SUMP-4	819099.22	405940.81	38.69		SWMH1D	819269.00	405941.41	15.75	1.90
SUMP-5	819040.58	405929.71	43.02		SWMH1E	819323.68	405937.24	22.16	19.94
SUMP-6	819028.90	405926.08	43.02		SWMH1F	819235.09	405943.62	24.48	22.02
SUMP-7	819029.31	405910.14	43.17		SWMH1G	819274.28	405942.54	24.65	22.76
SUMP-8	81916.51	406109.87	44.67		SWMH1H	819190.50	405939.36	27.16	25.06
SUMP-9	819035.55	405959.06	43.20		SWMH1I	819167.95	405951.22	30.84	28.43
SUMP-10	819037.61	405964.13	44.17		SWMH1J	819157.47	405927.10	33.00	30.77
SUMP-11	819003.84	406016.73	44.02		SWMH1K	819132.68	405917.28	35.45	33.20
SUMP-12	819003.55	405900.15	44.86		SWMH1L	819061.18	405903.19	42.29	39.68
SUMP-13	818997.32	405898.22	44.86		SWMH1M	819038.40	405912.98	42.99	40.45
SUMP-14	819144.30	405902.50	34.65		SWMH1N	819073.99	405835.65	37.66	35.87
SUMP-15	819022.55	405843.26	40.76		SWMH1O	819170.06	405922.19	33.07	30.55
					SWMH1P	819173.34	405905.97	33.42	31.38
					SWMH1Q	819168.23	405893.67	33.34	31.57
					SWMH1R	819159.22	405872.40	34.05	31.87
					SWMH1S	819118.55	405858.69	35.55	32.47
					SWMH1T	819090.74	405871.35	37.05	34.14
					SWMH1U	819073.99	405835.65	37.66	35.87
					SWMH1V	819041.09	405809.40	37.76	36.37
					SWMH1W	819029.02	405810.09	38.66	36.66

STORMWATER SUMP COORDINATE TABLE					STORMWATER MANHOLE COORDINATE TABLE				
SUMP No	mn	me	LL	IL	MH No	mn	me	LL	IL
SUMP-1	819223.42	405944.88	24.53		SWMH1A OUTLET	819324.83	405971.49	N/A	1.82
SUMP-2	819187.66	405940.66	27.29		SWMH1B	819326.76	405964.14	3.29	1.81
SUMP-3	819100.67	405933.89	38.72		SWMH1C	819321.23	405942.07	3.96	2.39
SUMP-4	819099.22	405940.81	38.69		SWMH1D	819269.00	405941.41	15.75	1.90
SUMP-5	819040.58	405929.71	43.02		SWMH1E	819323.68	405937.24	22.16	19.94
SUMP-6	819028.90	405926.08	43.02		SWMH1F	819235.09	405943.62	24.48	22.02
SUMP-7	819029.31	405910.14	43.17		SWMH1G	819274.28	405942.54	24.65	22.76
SUMP-8	81916.51	406109.87	44.67		SWMH1H	819190.50	405939.36	27.16	25.06
SUMP-9	819035.55	405959.06	43.20		SWMH1I	819167.95	405951.22	30.84	28.43
SUMP-10	819037.61	405964.13	44.17		SWMH1J	819157.47	405927.10	33.00	30.77
SUMP-11	819003.84	406016.73	44.02		SWMH1K	819132.68	405917.28	35.45	33.20
SUMP-12	819003.55	405900.15	44.86		SWMH1L	819061.18	405903.19	42.29	39.68
SUMP-13	818997.32	405898.22	44.86		SWMH1M	819038.40	405912.98	42.99	40.45
SUMP-14	819144.30	405902.50	34.65		SWMH1N	819073.99	405835.65	37.66	35.87
SUMP-15	819022.55	405843.26	40.76		SWMH1O	819170.06	405922.19	33.07	30.55
					SWMH1P	819173.34	405905.97	33.42	31.38
					SWMH1Q	819168.23	405893.67	33.34	31.57
					SWMH1R	819159.22	405872.40	34.05	31.87
					SWMH1S	819118.55	405858.69	35.55	32.47
					SWMH1T	819090.74	405871.35	37.05	34.14
					SWMH1U	819073.99	405835.65	37.66	35.87
					SWMH1V	819041.09	405809.40	37.76	36.37
					SWMH1W	819029.02	405810.09	38.66	36.66

AMENDMENT		NAME	DATE
A	SECONDARY OVERLAND FLOW PATHS ADDED	KML	02/14
B	CLEAN WATER PIPE REMOVED	KML	05/14
C	STAGE 11B ASBUILT DATA ADDED	KML	07/14
D	LOT 1209 OUTLET AND STAGE 11C ADDED	KML	07/16
E	LINE 13 ADDED	KML	07/16

LEGEND	
BOUNDARY (FUTURE)	
SEWER	
EXISTING STORMWATER	
PROPOSED STORMWATER	
KEEB OUTLET	
SECONDARY OVERLAND FLOW PATH	
SUMP	

NOTES:

1. ALL LEVELS ARE IN TERMS OF MEAN SEA LEVEL WELLINGTON DATUM 1953.

2. COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.

3. STAKES ARE PLACED AT THE TERMINATION POINT OF ALL PRIVATE STORMWATER CONNECTIONS.

4. ALL ROAD SUMPS ARE TO PCC STANDARDS.

5. PROPRIETARY GALVANISED DUCTILE IRON KEEB MANHOLES USED FOR SUMP CONNECTIONS TO KEEB.

6. POSITIONS OF PRIVATE CONNECTIONS BASED ON INFORMATION PROVIDED BY CONTRACTOR.

7. ALL DIMENSIONS SHOWN ARE HORIZONTAL IN METRES.

MANHOLES:

1. ALL MANHOLES ARE PRECAST CONCRETE WITH WEBOREK HEAVY DUTY CLASS D HINGED LID.

2. ALL MANHOLES ARE #1050 UNLESS SHOWN OTHERWISE.

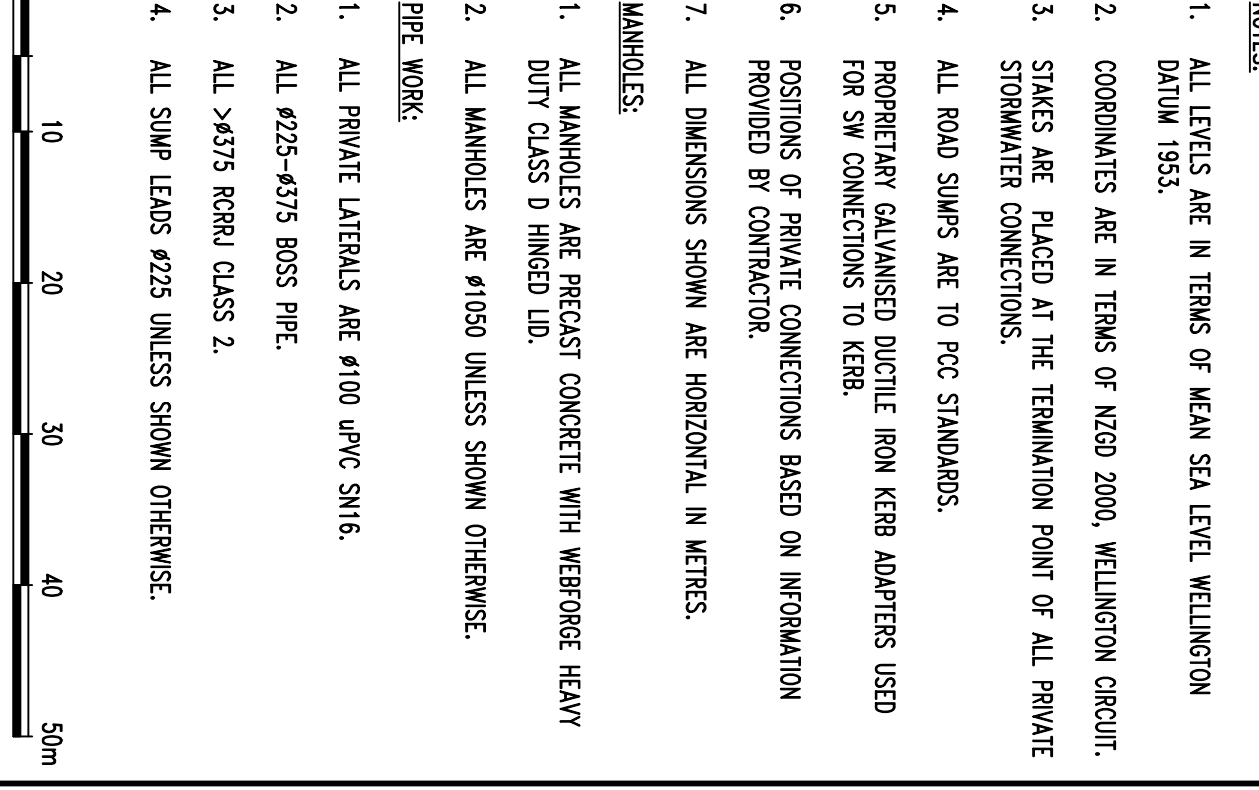
PIPE WORK:

1. ALL PRIVATE LATERALS ARE #100 DPCV S116.

2. ALL #225-#375 BOSS PIPE.

3. ALL #4375 RCPRI CLASS 2.

4. ALL SUMP LEADS #225 UNLESS SHOWN OTHERWISE.



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CLIENT
CARRUS LIMITED

JOB
**AOTEA
SUBDIVISION CIVIL WORKS
STAGE 11**

**STORMWATER
ASBUILT PLAN
(SHEET 1 OF 2)**

SCALE		SIZE	
1:500	(A3 1:1000)	A1	
NAME	DATE	DRAWING NUMBER	
FIELDWORK	KOC 12/13	27511ASB SW	
DESIGNED	RHH 03/13		
DRAWN	KML 12/13	SHEET 1 OF 2	
CHECKED	KOC 02/14	REVISION E	

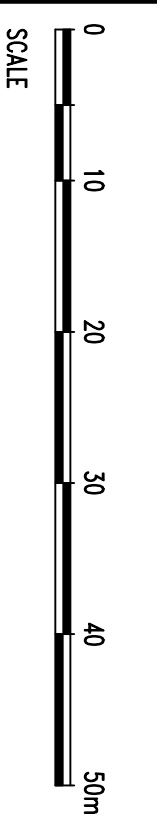
AMENDMENT	NAME	DATE
A	SECONDARY OVERLAND FLOW PATHS ADDED	KML 02/14
B	CLEAN WATER PIPE REMOVED	KML 03/14
C	STAGE 11B ASBUILT DATA ADDED	KML 07/14
D	LOT 1209 OUTLET AND STAGE 11C ADDED	KML 07/16
E	LINE 13 ADDED	KML 07/16

LEGEND:

- BOUNDARY
- BOUNDARY (FUTURE)
- SEWER
- EXISTING STORMWATER
- PROPOSED STORMWATER
- KEEB OUTLET
- SECONDARY OVERLAND FLOW PATH
- SUMP

NOTES:

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 - COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.
 - STAKES ARE PLACED AT THE TERMINATION POINT OF ALL PRIVATE STORMWATER CONNECTIONS.
 - ALL ROAD SUMPS ARE TO PCC STANDARDS.
 - PROPRIETARY GALVANISED DUCTILE IRON KEEB ADAPTERS USED FOR SW CONNECTIONS TO KEEB.
 - POSITIONS OF PRIVATE CONNECTIONS BASED ON INFORMATION PROVIDED BY CONTRACTOR.
 - ALL DIMENSIONS SHOWN ARE HORIZONTAL IN METRES.
- MANHOLES:
- ALL MANHOLES ARE PRECAST CONCRETE WITH WERBORG HEAVY DUTY CLASS D HINGED LID.
 - ALL MANHOLES ARE #1050 UNLESS SHOWN OTHERWISE.
 - ALL #475 RORRI CLASS 2.
 - ALL SUMP LEADS #225 UNLESS SHOWN OTHERWISE.



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Hunt Valley, Wellington, Capital Coast

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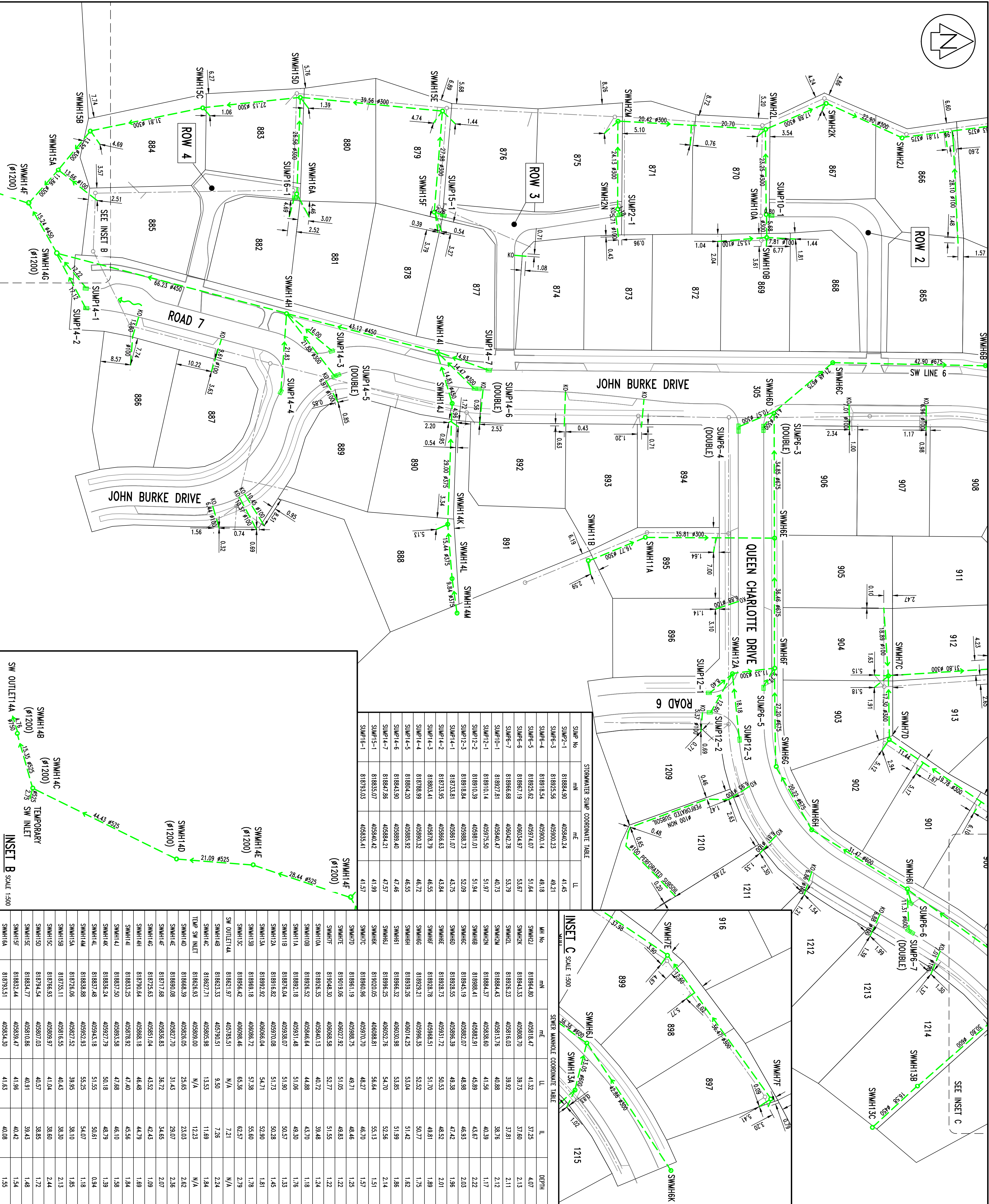
CLIENT
CARRUS LIMITED

JOB
**AOTEA
SUBDIVISION CIVIL WORKS
STAGE 11**

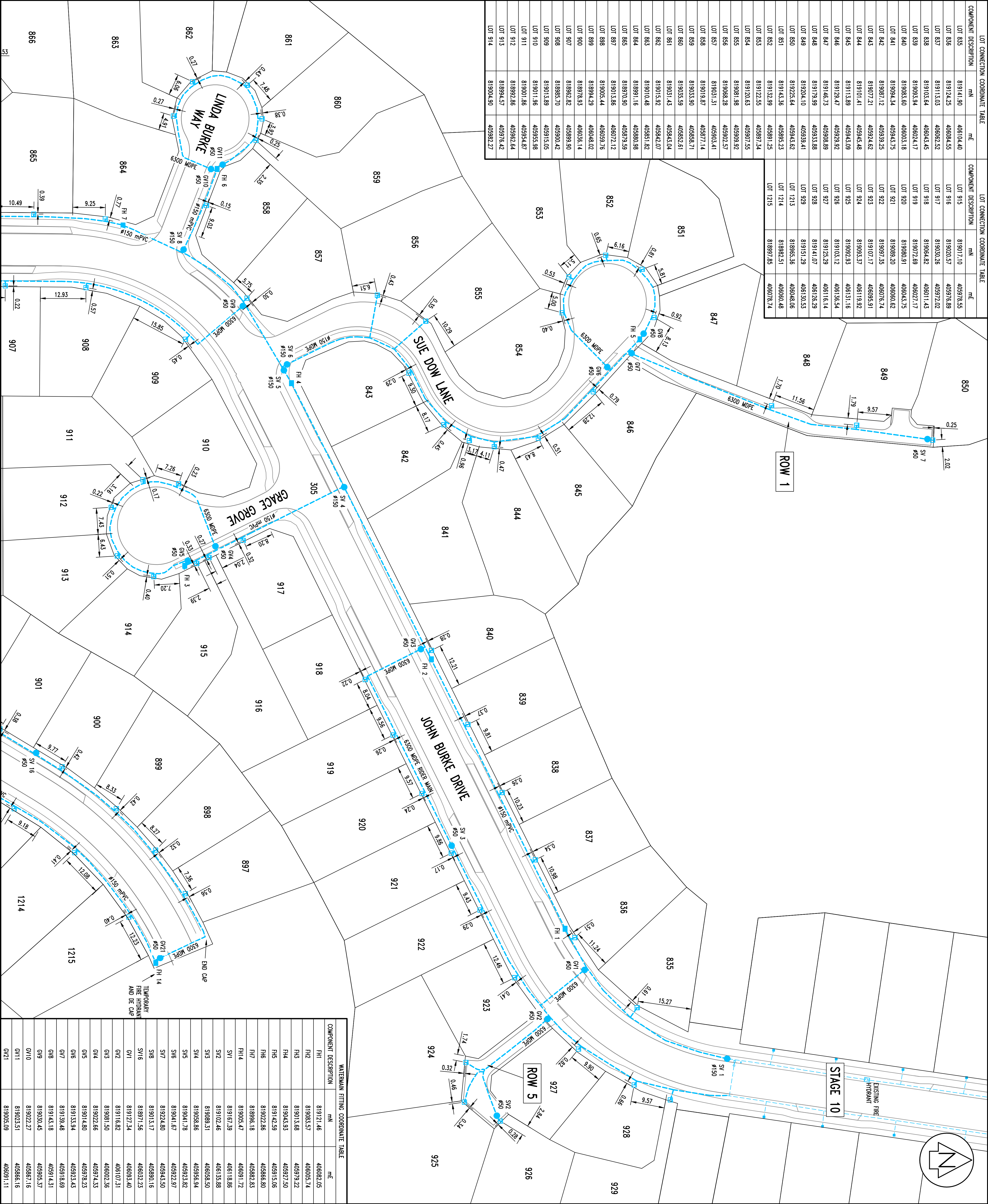
**STORMWATER
ASBUILT PLAN
(SHEET 2 OF 2)**

SCALE	NAME	DATE	DRAWING NUMBER	SIZE
1:500	(A3 1:1000)		A1	

NAME	DATE	DRAWING NUMBER	SIZE
FIELDWORK	KOC 12/13	27511ASB SW	
DESIGNED	RHH 03/13		
DRAWN	KML 12/13	SHEET 2 OF 2	SHEETS
CHECKED	KOC 02/14	REVISION	E



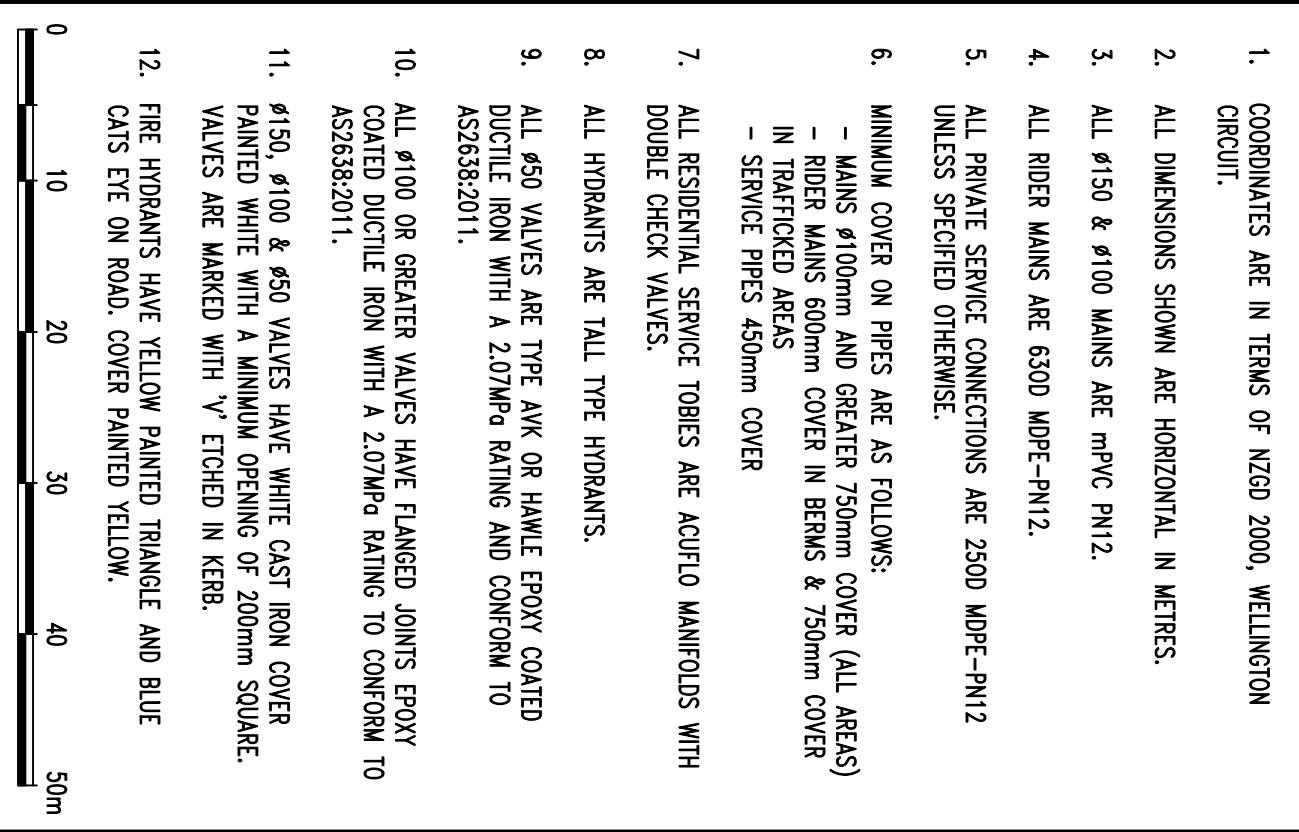
LOT CONNECTION COORDINATE TABLE			LOT CONNECTION COORDINATE TABLE		
COMPONENT DESCRIPTION	mN	mE	COMPONENT DESCRIPTION	mN	mE
LOT 835	81914.90	406104.40	LOT 915	81907.10	405978.55
LOT 836	819124.25	406084.55	LOT 916	819020.57	405976.89
LOT 837	81913.03	406062.52	LOT 917	819050.26	405972.02
LOT 838	819103.54	406043.45	LOT 918	819054.82	406011.43
LOT 839	819093.94	406024.17	LOT 919	819072.69	406027.17
LOT 840	819083.60	406003.18	LOT 920	819080.91	406043.75
LOT 841	819094.34	405943.75	LOT 921	819089.20	406060.62
LOT 842	819087.12	405939.25	LOT 922	819097.35	406076.74
LOT 843	819077.62	405924.62	LOT 923	819107.17	406095.91
LOT 844	819101.41	405945.48	LOT 924	819093.37	406119.92
LOT 845	819113.89	405943.09	LOT 925	819092.93	406131.16
LOT 846	819129.47	405929.92	LOT 926	819103.12	406136.54
LOT 847	819146.73	405906.89	LOT 927	819125.29	406116.14
LOT 848	819179.99	405933.88	LOT 928	819141.07	406126.29
LOT 849	819204.10	405939.41	LOT 929	819151.29	406130.53
LOT 850	819225.64	405943.62	LOT 1213	818985.36	406048.06
LOT 851	819143.36	405893.23	LOT 1214	818982.51	406060.48
LOT 852	819132.99	405891.25	LOT 1215	818997.85	406078.74
LOT 853	819122.55	405897.34			
LOT 854	819120.63	405907.55			
LOT 855	819081.98	405909.92			
LOT 856	819068.28	405902.57			
LOT 857	819031.31	405903.41			
LOT 858	819019.87	405877.14			
LOT 859	819033.90	405863.71			
LOT 860	819035.59	405862.61			
LOT 861	819031.43	405843.04			
LOT 862	819015.92	405842.07			
LOT 863	819010.48	405851.82			
LOT 864	818991.16	405880.98			
LOT 865	818970.90	405879.59			
LOT 867	819013.86	406072.12			
LOT 868	819005.44	406059.76			
LOT 869	818994.29	406048.02			
LOT 900	818978.93	406036.14			
LOT 907	818962.82	405999.90			
LOT 908	818985.70	405900.42			
LOT 909	819013.89	405915.05			
LOT 910	819011.96	405953.98			
LOT 911	819011.86	405943.87			
LOT 912	818992.86	405962.64			
LOT 913	818994.57	405971.42			
LOT 914	819004.90	405982.27			



WATERMAIN FITTING COORDINATE TABLE		
COMPONENT DESCRIPTION	mN	mE
FH1	819121.46	406082.05
FH2	819083.57	406005.74
FH3	819013.68	405979.22
FH4	819043.93	405927.50
FH5	819142.59	405915.06
FH6	819022.86	405866.80
FH7	818996.18	405882.83
FH14	819005.47	406091.72
SV1	819167.39	406118.85
SV2	819102.46	406135.88
SV3	819088.31	406056.50
SV4	819056.86	405956.94
SV5	819041.78	405923.82
SV6	819041.67	405922.97
SV7	819224.80	405943.50
SV8	819015.17	405890.16
SV16	818997.56	406032.23
GV1	819127.34	406093.40
GV2	819116.82	406107.31
GV3	819081.50	406002.36
GV4	819022.66	405974.33
GV5	819014.80	405978.23
GV6	819133.94	405923.43
GV7	819139.48	405918.69
GV8	819143.18	405914.31
GV9	819050.45	405905.37
GV10	819022.27	405867.16
GV11	819023.51	405866.16
GV21	819005.09	406091.11

AMENDMENT		NAME	DATE
A	STAGE 11B ASBUILT DATA ADDED	KML	07/14
B	STAGE 11C DATA ADDED	KML	07/16

- LEGEND:
- BOUNDARY
 - BOUNDARY (FUTURE)
 - EXISTING WATER
 - PROPOSED WATER
 - FIRE HYDRANT
 - VALVE
 - ACRUCO MANHOLE
- NOTES:
- COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.
 - ALL DIMENSIONS SHOWN ARE HORIZONTAL IN METRES.
 - ALL #150 & #100 MAINS ARE mPVC PN12.
 - ALL RIDER MAINS ARE 6300 MDEPE-PN12.
 - ALL PRIVATE SERVICE CONNECTIONS ARE 2500 MDEPE-PN12 UNLESS SPECIFIED OTHERWISE.
 - MINIMUM COVER ON PIPES ARE AS FOLLOWS:
 - MAINS #100mm AND GREATER 750mm COVER (ALL AREAS)
 - RIDER MAINS 600mm COVER IN KERBS & 750mm COVER IN TRAFFICKED AREAS
 - SERVICE PIPES 450mm COVER
 - ALL RESIDENTIAL SERVICE TUBES ARE ACRUCO MANHOLES WITH DOUBLE CHECK VALVES.
 - ALL HYDRANTS ARE TALL TYPE HYDRANTS.
 - ALL #50 VALVES ARE TYPE ANY OR HAMLE EPOXY COATED DUCTILE IRON WITH A 2.07MPa RATING AND CONFORM TO AS2658:2011.
 - ALL #100 OR GREATER VALVES HAVE FLANGED JOINTS EPOXY COATED DUCTILE IRON WITH A 2.07MPa RATING TO CONFORM TO AS2658:2011.
 - #150, #100 & #50 VALVES HAVE WHITE CAST IRON COVER PAINTED WHITE WITH A MINIMUM OPENING OF 200mm SQUARE. VALVES ARE MARKED WITH 'V' ETCHED IN KERB.
 - FIRE HYDRANTS HAVE YELLOW PAINTED TRIANGLE AND BLUE CARS ETC ON ROAD. COVER PAINTED YELLOW.



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JOB
**AOTEA
SUBDIVISION CIVIL WORKS
STAGE 11**

**WATER
ASBUILT PLAN
(SHEET 1 OF 2)**

SCALE
1:500 (A3 1:1000)

NAME	DATE	DRAWING NUMBER	SIZE
FIELDWORK	KOC 12/13	27511ASB W	A1
DESIGNED	RHH 03/13		
DRAWN	KML 12/13		
CHECKED	KOC 02/14	REVISION	B

AMENDMENT		NAME	DATE
A	STAGE 11B ASBUILT DATA ADDED	KML	07/14
B	STAGE 11C DATA ADDED	KML	07/16

LEGEND:

- BOUNDARY
- BOUNDARY (FUTURE)
- EXISTING WATER
- PROPOSED WATER
- FIRE HYDRANT VALVE
- ACQUILIO MANIFOLD

NOTES:

- COORDINATES ARE IN TERMS OF NZGD 2000, WELLINGTON CIRCUIT.
- ALL DIMENSIONS SHOWN ARE HORIZONTAL IN METRES.
- ALL #150 & #100 MAINS ARE mPVC-FH12.
- ALL RIDER MAINS ARE 6300 MDPE-FH12.
- ALL PRIVATE SERVICE CONNECTIONS ARE 2500 MDPE-FH12 UNLESS SPECIFIED OTHERWISE.
- MINIMUM COVER ON PIPES ARE AS FOLLOWS:
 - MAINS #100mm AND GREATER 750mm COVER (ALL AREAS)
 - RIDER MAINS 800mm COVER IN KERBS & 750mm COVER IN TRAFFICKED AREAS
 - SERVICE PIPES 450mm COVER
- ALL RESIDENTIAL SERVICE TORIES ARE ACQUILIO MANIFOLDS WITH DOUBLE CHECK VALVES.
- ALL HYDRANTS ARE TALL TYPE HYDRANTS.
- ALL #50 VALVES ARE TYPE ANY OR HAMLE EPOXY COATED DUCTILE IRON WITH A 2.0MPa RATING AND CONFORM TO AS2638:2011.
- ALL #100 OR GREATER VALVES HAVE FLANGED JOINTS EPOXY COATED DUCTILE IRON WITH A 2.0MPa RATING TO CONFORM TO AS2638:2011.
- #150, #100 & #50 VALVES HAVE WHITE CAST IRON COVER PAINTED WHITE WITH A MINIMUM OPENING OF 200mm SQUARE. VALVES ARE MARKED WITH 'V' ETCHED IN KERB.
- FIRE HYDRANTS HAVE YELLOW PAINTED TRIANGLE AND BLUE CANS ETC ON ROAD. COVER PAINTED YELLOW.

SCALE



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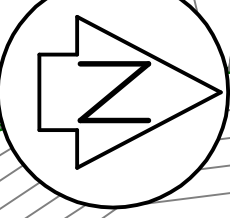
JOB
AOTEA
SUBDIVISION CIVIL WORKS
STAGE 11

WATER
ASBUILT PLAN
(SHEET 2 OF 2)

SCALE
1:500 (A3 1:1000)

NAME	DATE	DRAWING NUMBER	SIZE
FIELDWORK	12/13	27511ASB W	A1
DESIGNED	RH 03/13		
DRAWN	KML 12/13	SHEET 2 OF 2 SHEETS	
CHECKED	KOC 02/14	REVISION B	

INSET
SCALE 1:500



AREA SHOWN HATCHED
EARTHWORKED UNDER STAGE 10
AND CERTIFIED WITHIN
EARTHWORKS COMPLETION
REPORT DATED FEBRUARY 2014



AMENDMENT		NAME	DATE
A	BATTER LOT 860 & 861 ALTERED	KML	02/14
B	ADDITIONAL FILLING LOT 866	KML	06/14
C	FINAL LT BOUNDARIES ADDED	KML	08/14

LEGEND:

- EXISTING BOUNDARY
- NEW STAGE 11 BOUNDARY
- TOP OF BANK
- INVERTED PARKING BAY
- CONSENT NOTICE AREA - PROPOSED BUILDING RESTRICTIONS, REQUIRES SPECIFIC FOUNDATION/RETAINING DESIGN.

NOTES:

- LEVELS ARE IN TERMS OF MEAN SEA LEVEL, WELLINGTON CITY DATUM 1953.
- EXISTING AND ASBUILT CONTROLS ARE SHOWN AT 1m INTERVALS.
- ALL LOT AREA OUTSIDE THE CONSENT NOTICE AREA SHOWN IS CERTIFIED FOR DEVELOPMENT IN ACCORDANCE WITH THE REQUIREMENTS OF NZS 3804: 2011.
- BUILDING LOCATIONS ARE SUBJECT TO RCC DISTRICT PLAN REQUIREMENTS AND THE EXTENT OF ANY EASEMENTS ON THE ALLOTMENTS.

JOB

AOTEA

STAGE 11 – EARTHWORKS

ASBUILT

BUILDING SETBACK PLAN

SCALE

1:500 (1:1,000 AT A3)

SIZE

A1

NAME	DATE	DRAWING NUMBER
FIELDWORK	-	-
DESIGNED	-	-
DRAWN	KML	01/14
CHECKED	-	-

SHEET 1 OF 2

27511BR

REVISION C



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