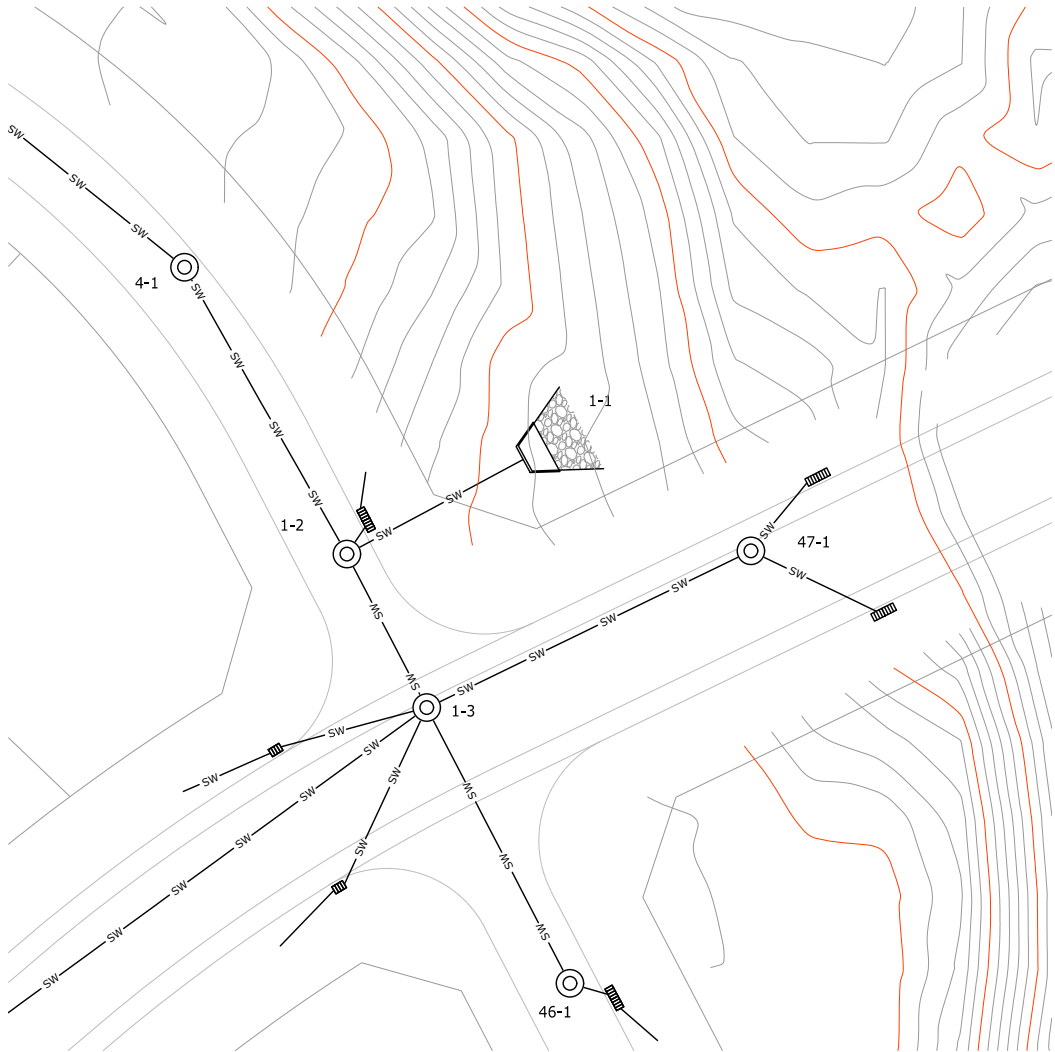




13 HEADWALL LAYOUT PLAN
SK295 SCALE 1:250-A1 1:500-A3

NOTES:

1. NO ADJUSTMENTS TO LOCATION FROM SUBMITTED CONSENT.
2. RENO MATTRESS TO BE PLACED WITH HEADWALL
3. TRADITIONAL MACHINERY COULD BE USED. NO TREES TO BE DISTURBED.
4. HEADWALL TO DISCHARGE TO EXISTING GULLY.
5. HEADWALL TO HAVE TOE INCORPORATED AND RENO MATTRESS TO BE PEGGED DOWN.
6. THIS OUTLET WILL BE ELIMINATED IF BASIN 5 IS CONSTRUCTED AS THE FLOW WILL BE DIRECTED TO BASIN 5.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS

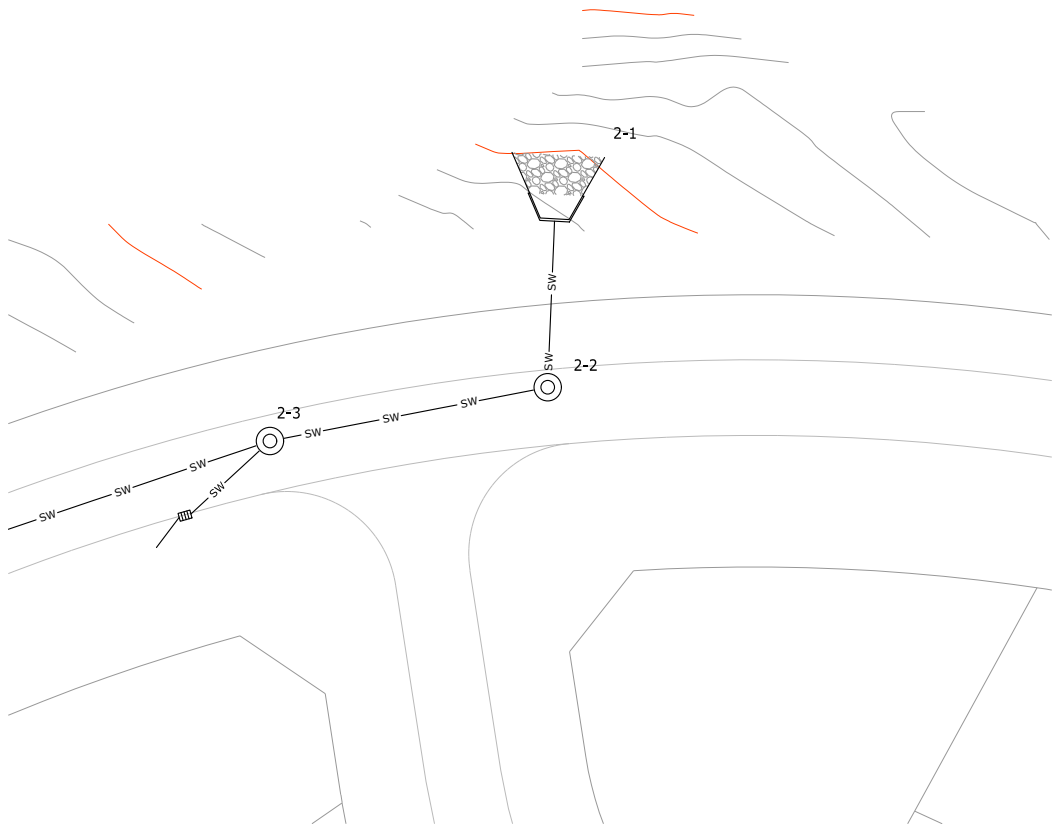


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W www.harrisongrierson.com

2	NOTES ADDED	SWK	17.08.18
1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE
PROJECT:			
WEASTON LEA LTD AMBERFIELD PEACOCKE RD HAMILTON			
TITLE:			
STORMWATER OUTLET 1-1			
ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
SWK	06.08.18		SWK
DRAWN:	DATE:	SIGNED:	PLOT DATE:
SWK	06.08.18		16.08.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
KRW	06.08.18		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
STM	06.08.18		
ISSUE STATUS:			
FOR RESOURCE CONSENT			
PROJECT No:		SCALES:	A1
9820-141842-01		NTS	
DRAWING No:		REV	
141842-SK321		2	



2 HEADWALL LAYOUT PLAN
SK291 SCALE 1:250-A1 1:500-A3

NOTES:

1. THE HEADWALL LOCATION IS AS PER SUBMITTED CONSENT.
2. ONCE YOU PASS UNDER THE TREE CANOPY THERE IS AN OPEN TERRACE ABOUT 2-3 METRES ABOVE THE MEAN HIGH WATER MARK.
3. ONCE WE VISITED THE ACTUAL GPS POSITIONED SITE WE HAVE NOW CONFIRMED THAT A PRECAST CONCRETE HEADWALL CAN BE PLACED HERE WITH NO TO MINIMAL EFFECT ON THE EXISTING VEGETATION.
4. RENO MATTRESS TO BE PLACED TO MATCH THE EXISTING TOPOGRAPHY OR AN ALTERNATIVE ROCK OUTFALL COULD BE USED.
5. TRENCH TO BE HAND DUG OR WITH "KANGA'S" OR OTHER SMALL TRACKED CONSTRUCTION VEHICLES.
6. HEADWALL TO DISCHARGE TO NATURAL LOW POINT AS SHOWN IN SUPPLEMENTARY PHOTO 807.
7. HEADWALL TO HAVE TOE INCORPORATED AND RENO MATTRESS TO BE PEGGED DOWN



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



PHOTO 808



PHOTO 807



PHOTO 803



PHOTO 814



PHOTO 812

1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE

PROJECT:
**WEASTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

TITLE:
**STORMWATER OUTLET
2-1**

ORIGINATOR: SWK	DATE: 06.08.18	SIGNED:	PLOT BY: SWK
DRAWN: SWK	DATE: 06.08.18	SIGNED:	PLOT DATE: 10.08.18
CHECKED: KRW	DATE: 06.08.18	SIGNED:	SURVEY BY:
APPROVED: STM	DATE: 06.08.18	SIGNED:	SURVEY DATE:

ISSUE STATUS:
FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01	SCALES: NTS	A1
DRAWING No:		REV 1

141842-SK322



14 HEADWALL LAYOUT PLAN
SK296 SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE PLACED IN LOCATION FROM SUBMITTED CONSENT.
2. RENO MATTRESS TO BE PLACED WITH HEADWALL.
3. TRADITIONAL MACHINERY COULD BE USED, NO TREES TO BE DISTURBED.
4. HEADWALL TO DISCHARGE TO EXISTING GULLY.
5. HEADWALL TO HAVE TOE INCORPORATED AND RENO MATTRESS TO BE PEGGED DOWN.
6. THIS OUTLET WILL BE ELIMINATED IF BASIN 7 IS CONSTRUCTED AS THE FLOW WILL BE DIRECTED TO BASIN 7.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS





ASSOCIATION OF CONSULTING
ENGINEERS NEW ZEALAND

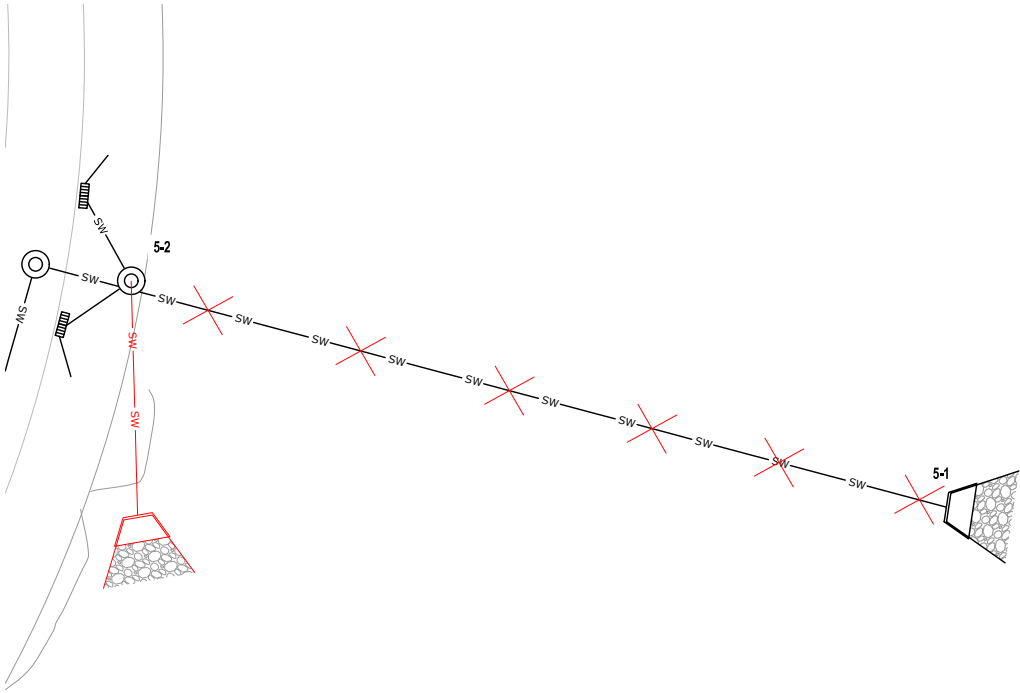
ISO 9001
QUALITY
ASSURED

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2	NOTES ADDED	SWK	17.08.18
1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE
PROJECT:			
WEASTON LEA LTD AMBERFIELD PEACOCKE RD HAMILTON			
TITLE:			
STORMWATER OUTLET 3-1			
ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
SWK	06.08.18		SWK
DRAWN:	DATE:	SIGNED:	PLOT DATE:
SWK	06.08.18		16.08.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
KRW	06.08.18		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
STM	06.08.18		
ISSUE STATUS:			
FOR RESOURCE CONSENT			
PROJECT No:	SCALES:		A1
9820-141842-01	NTS		
DRAWING No:			REV
141842-SK323			2



18 HEADWALL LAYOUT PLAN
SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE RELOCATED IN A MORE APPROPRIATE POSITION FROM SUBMITTED CONSENT.
2. POSITION/PLACEMENT TO MATCH EXISTING WATERCOURSE.
3. LOW HEIGHT SHRUB TO BE CONSTRUCTED BY HAND.
4. ROCK OUTFALL TO BE CONSTRUCTED OR POSSIBLY RENO MATTRESS.
5. HEADWALL TO HAVE TOE INCORPORATED.
6. HEADWALL TO BE PLACED ON LOWER TERRACE/BANK.
7. EXISTING WATERCOURSE VISIBLE IN SUPPLEMENTARY PHOTO 031



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



PHOTO 032



PHOTO 031



PHOTO 036



PHOTO 021



PHOTO 016

REF	REVISIONS	BY	DATE
1	FOR RESOURCE CONSENT	KRW	06.08.18

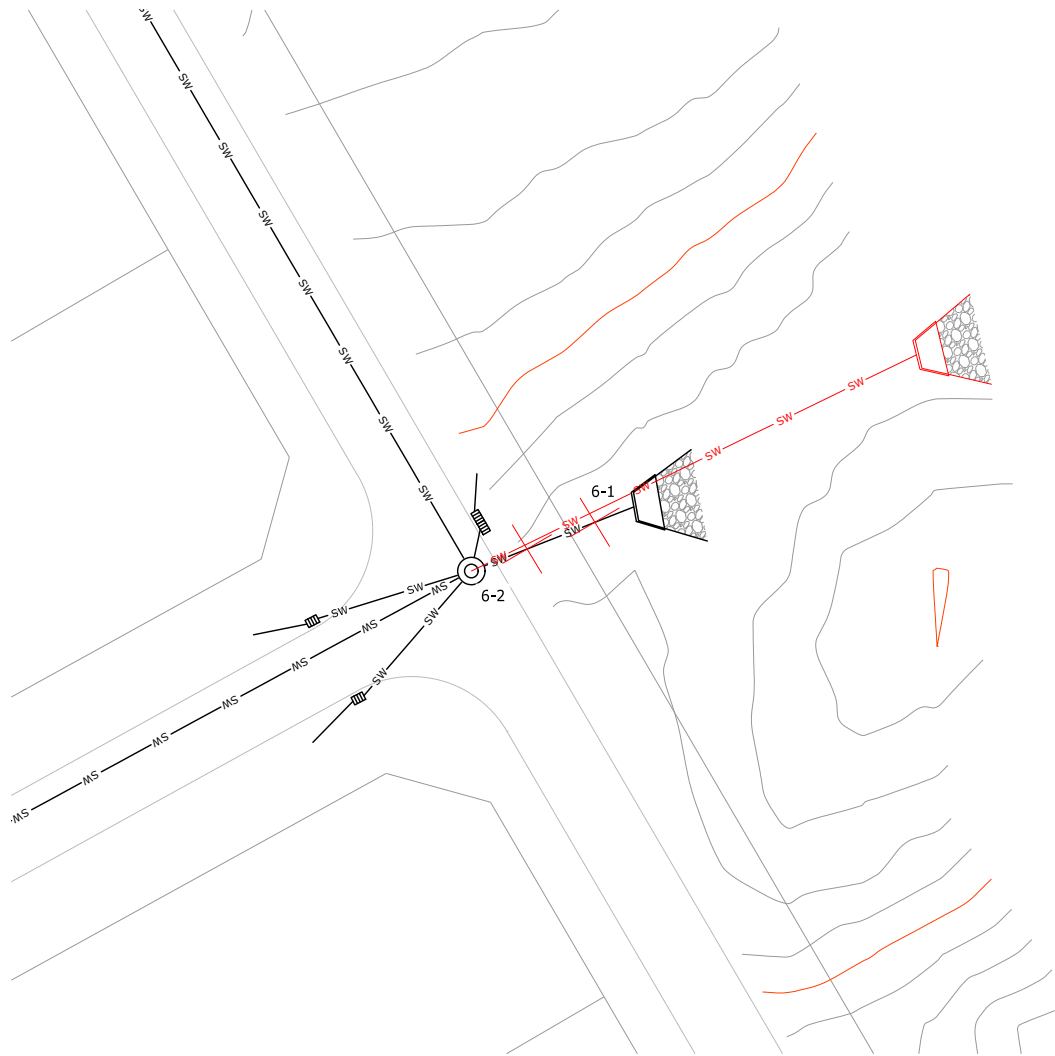
PROJECT:
**WEASTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

TITLE:
**STORMWATER OUTLET
5-1**

ORIGINATOR: SWK	DATE: 06.08.18	SIGNED:	PLOT BY: SWK
DRAWN: SWK	DATE: 06.08.18	SIGNED:	PLOT DATE: 10.08.18
CHECKED: KRW	DATE: 06.08.18	SIGNED:	SURVEY BY:
APPROVED: STM	DATE: 06.08.18	SIGNED:	SURVEY DATE:

ISSUE STATUS:
FOR RESOURCE CONSENT

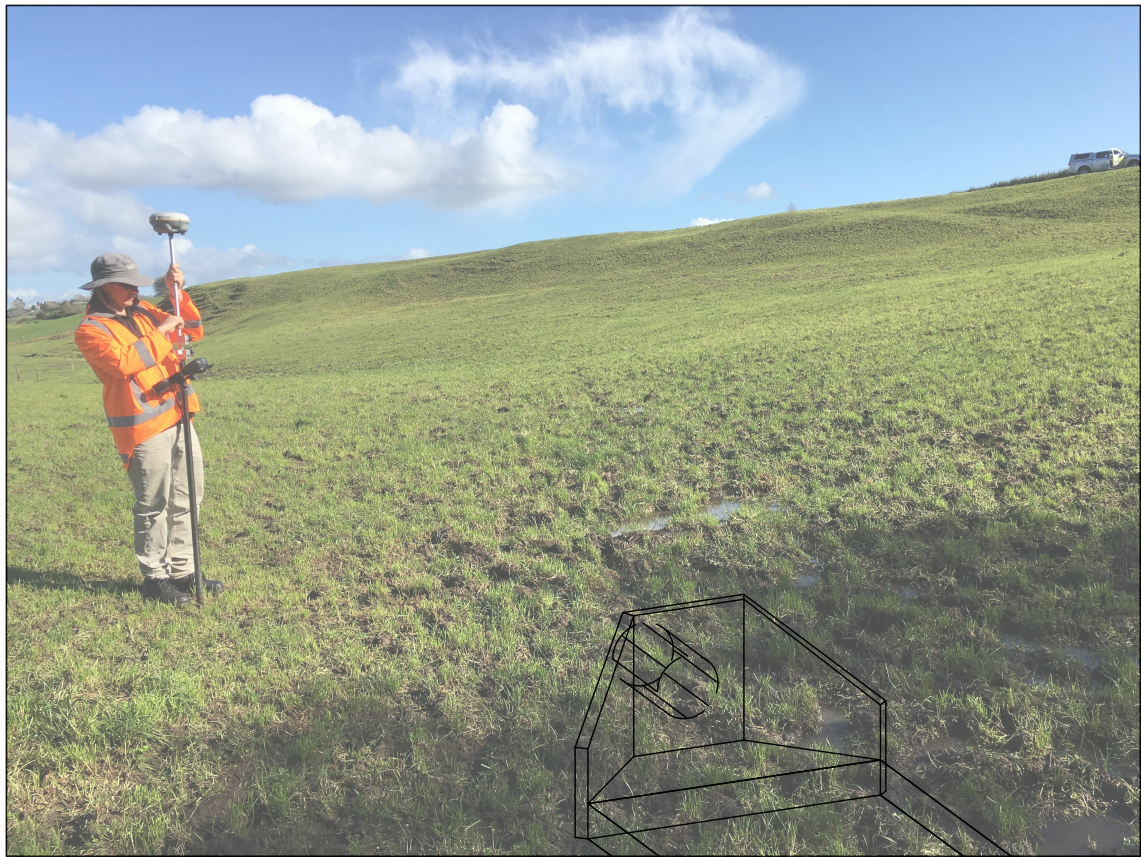
PROJECT No: 9820-141842-01	SCALES: NTS	A1
DRAWING No: 141842-SK324	REV 1	



12 HEADWALL LAYOUT PLAN
SK294 SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE RELOCATED TO SLIGHTLY MORE APPROPRIATE POSITION.
2. POSITION TO MATCH EXISTING WATERCOURSE.
3. RENO MATTRESS TO BE CONSTRUCTED.
4. TRADITIONAL MACHINERY COULD BE USED, NO TREES TO BE DISTURBED.
5. HEADWALL TO FLOW TO NATURAL LOW POINT AND EXISTING WATERCOURSE AS SHOWN IN SUPPLEMENTARY PHOTO 989.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



PHOTO 982



PHOTO 989



PHOTO 984



PHOTO 994



PHOTO 006



PHOTO 012

1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE

PROJECT:
**WEASTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

TITLE:
**STORMWATER OUTLET
6-1**

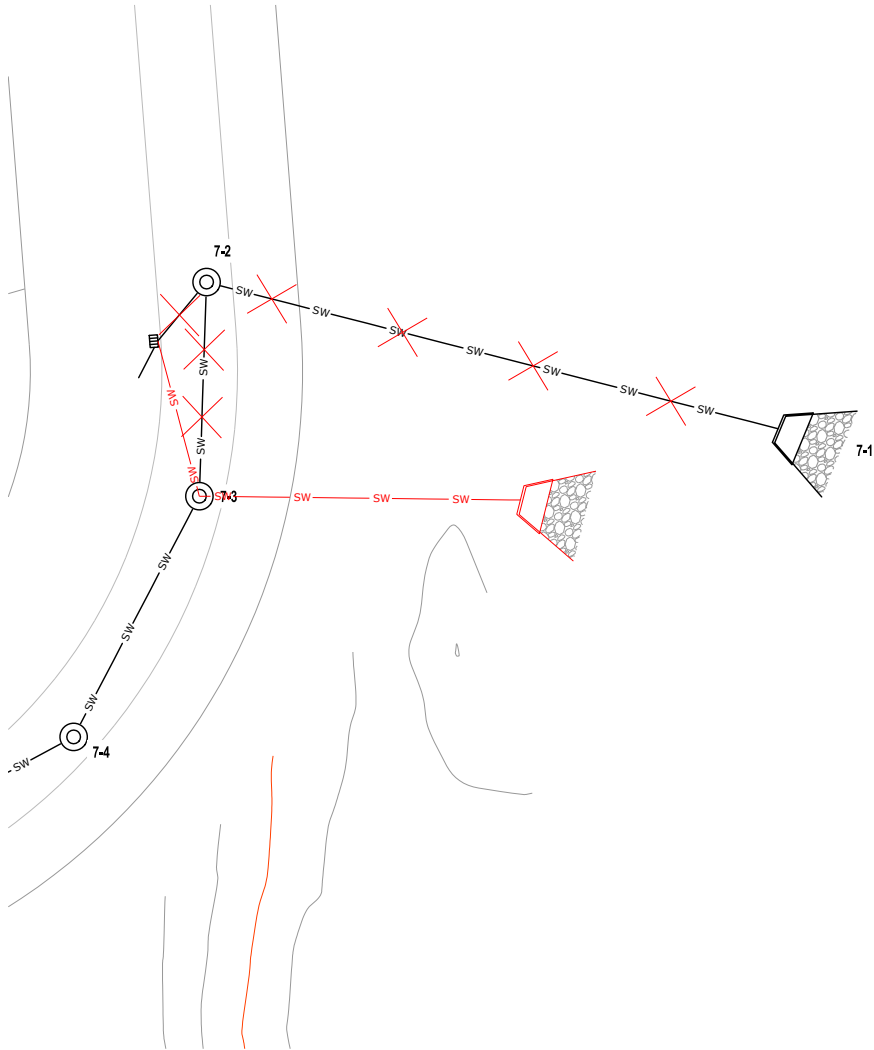
ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
SWK	06.08.18		SWK
DRAWN:	DATE:	SIGNED:	PLOT DATE:
SWK	06.08.18		10.08.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
KRW	06.08.18		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
STM	06.08.18		

ISSUE STATUS:
FOR RESOURCE CONSENT

PROJECT No:	SCALES:	A1
9820-141842-01	NTS	

DRAWING No:
141842-SK325

REV
1



3 HEADWALL LAYOUT PLAN
SK291 SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE RELOCATED IN TO A MORE APPROPRIATE POSITION FROM SUBMITTED CONSENT.
2. RENO MATTRESS TO BE PLACED WITH HEADWALL.
3. LOW HEIGHT SHRUB TO BE CONSTRUCTED BY HAND.
4. POSITION/PLACEMENT TO MATCH EXISTING WATERCOURSE.
5. HEADWALL TO HAVE TOE INCORPORATED AND RENO MATTRESS TO BE PEGGED DOWN.
6. SUPPLEMENTARY PHOTO 856 SHOWS EXISTING WATERCOURSE.
7. THIS OUTLET WILL BE ELIMINATED IF BASIN 1 IS CONSTRUCTED AS THE FLOW WILL BE DIRECTED TO BASIN 1.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



PHOTO 855



PHOTO 858



PHOTO 856

2	NOTES ADDED	SWK	17.08.18
1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE

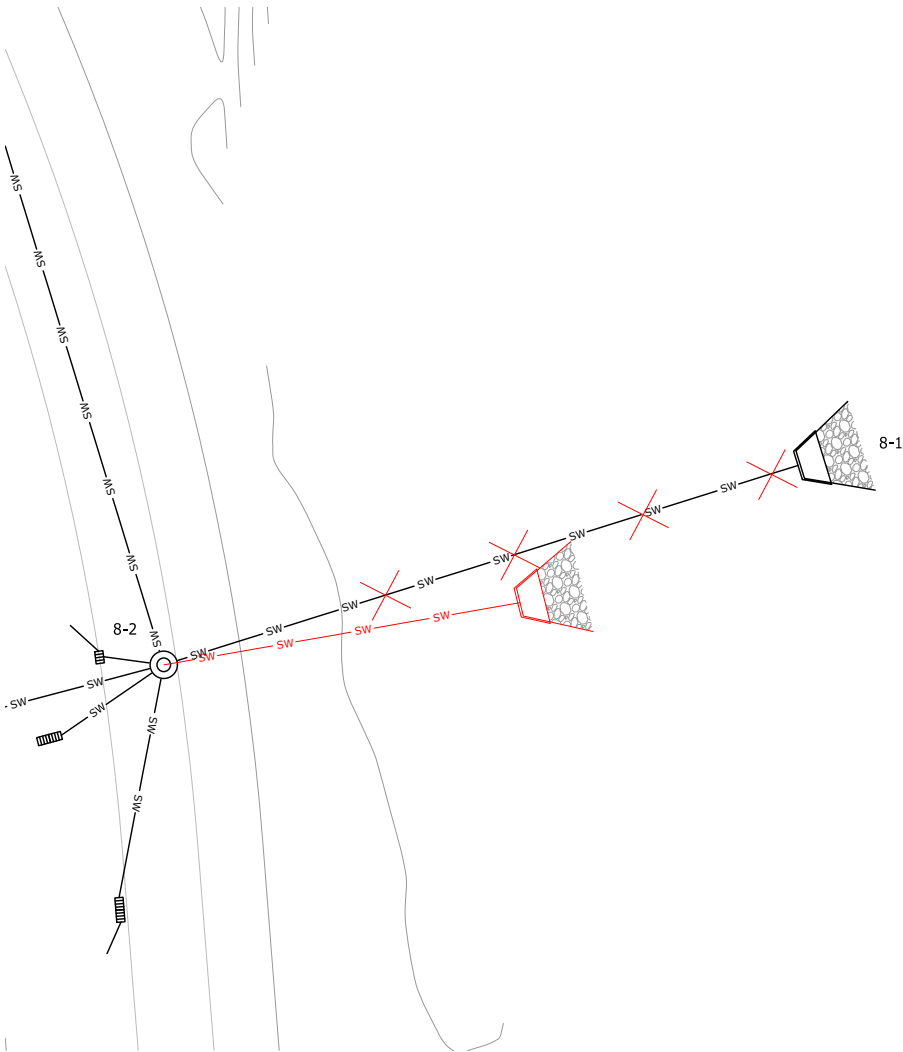
PROJECT:
**WEASTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

TITLE:
**STORMWATER OUTLET
7-1**

ORIGINATOR: SWK	DATE: 06.08.18	SIGNED:	PLOT BY: SWK
DRAWN: SWK	DATE: 06.08.18	SIGNED:	PLOT DATE: 16.08.18
CHECKED: KRW	DATE: 06.08.18	SIGNED:	SURVEY BY:
APPROVED: STM	DATE: 06.08.18	SIGNED:	SURVEY DATE:

ISSUE STATUS:
FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01	SCALES: NTS	A1
DRAWING No:	141842-SK326	REV 2



2 HEADWALL LAYOUT PLAN
SK291 SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE RELOCATED TO A MORE APPROPRIATE POSITION FROM SUBMITTED CONSENT.
2. HEADWALL TO BE PLACED ON LOWER TERRACE/BANK.
3. TRADITIONAL MACHINERY COULD BE USED, NO TREES TO BE DISTURBED.
4. HEADWALL TO DISCHARGE TO RIVER.
5. HEADWALL TO HAVE TOE INCORPORATED AND RENO MATTRESS TO BE PEGGED DOWN.
6. LOW HEIGHT SHRUB TO BE CONSTRUCTED BY HAND.
7. NOTE SPACING OF TREES IS SPARCE ONCE PAST TREE CANOPY. THIS IS HIGHLIGHTED IN SUPPLEMENTARY PHOTO 840



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



PHOTO 840



PHOTO 851



PHOTO 837

1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE

PROJECT:

WEASTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

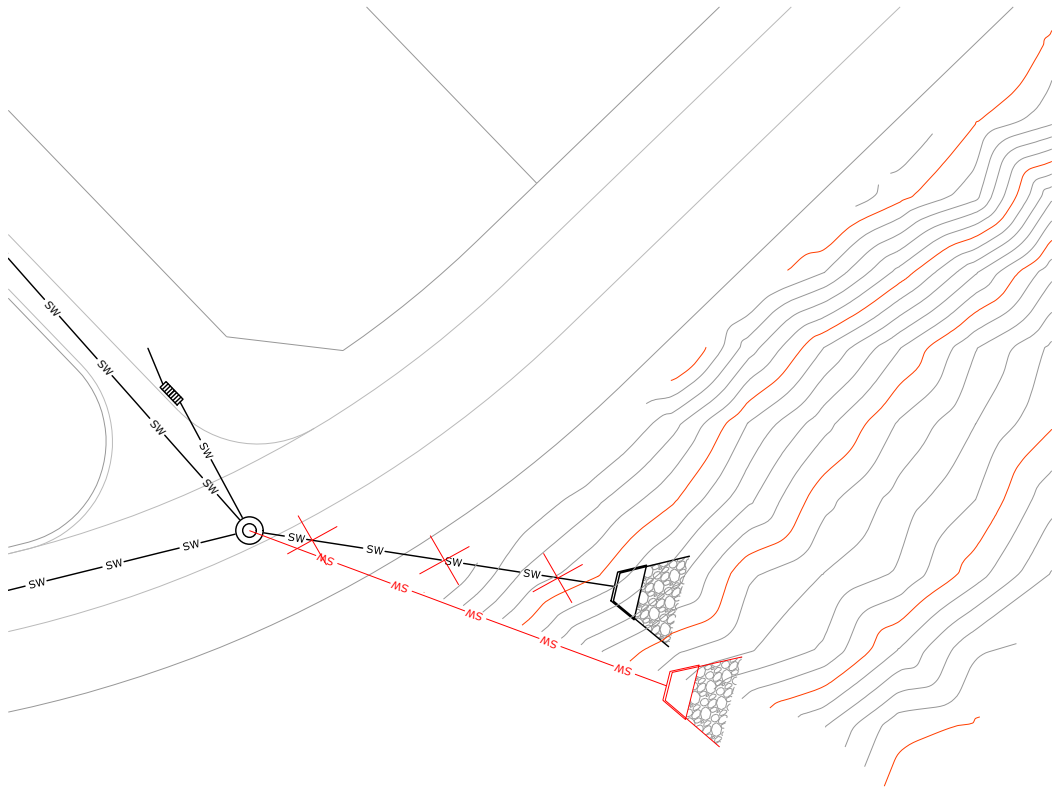
TITLE:

STORMWATER OUTLET
8-1

ORIGINATOR: SWK	DATE: 06.08.18	SIGNED:	PLOT BY: SWK
DRAWN: SWK	DATE: 06.08.18	SIGNED:	PLOT DATE: 10.08.18
CHECKED: KRW	DATE: 06.08.18	SIGNED:	SURVEY BY:
APPROVED: STM	DATE: 06.08.18	SIGNED:	SURVEY DATE:

ISSUE STATUS:
FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01	SCALES: NTS	A1
DRAWING No:	141842-SK327	REV 1



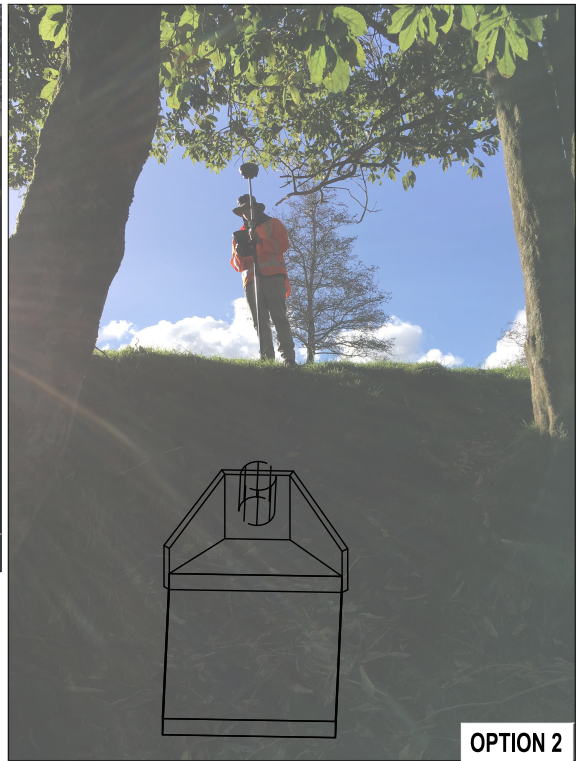
16 HEADWALL LAYOUT PLAN
SK296 SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE RELOCATED TO A MORE APPROPRIATE POSITION FROM SUBMITTED CONSENT.
2. ROCK OUTFALL TO BE CONSTRUCTED.
3. TRADITIONAL MACHINERY COULD BE USED, NO TREES TO BE DISTURBED.
4. HEADWALL TO DISCHARGE TO RIVER.
5. HEADWALL TO HAVE TOE INCORPORATED.
6. THERE ARE 2 POSSIBLE STORMWATER OUTLET POSITIONS OUR RECOMMENDATION IS FOR OPTION 1, OPTION 2 FOLLOWS EXISTING LOW POINT BUT IS BETWEEN TWO EXISTING TREES. IF THE PIPE SIZE IS KEPT TO A MINIMUM THIS COULD BE AN OPTION AS WELL.
7. SUPPLEMENTARY PHOTO 090 SHOWS EXISTING FLOWPATH DOWN TO RIVER/BANK.
8. THIS OUTLET WILL BE ELIMINATED IF BASIN 7 IS CONSTRUCTED AS THE FLOW WILL BE DIRECTED TO BASIN 7.



PERSPECTIVE VIEW
SCALE N.T.S



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



2	NOTES ADDED	SWK	17.08.18
1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE

PROJECT:

WEASTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

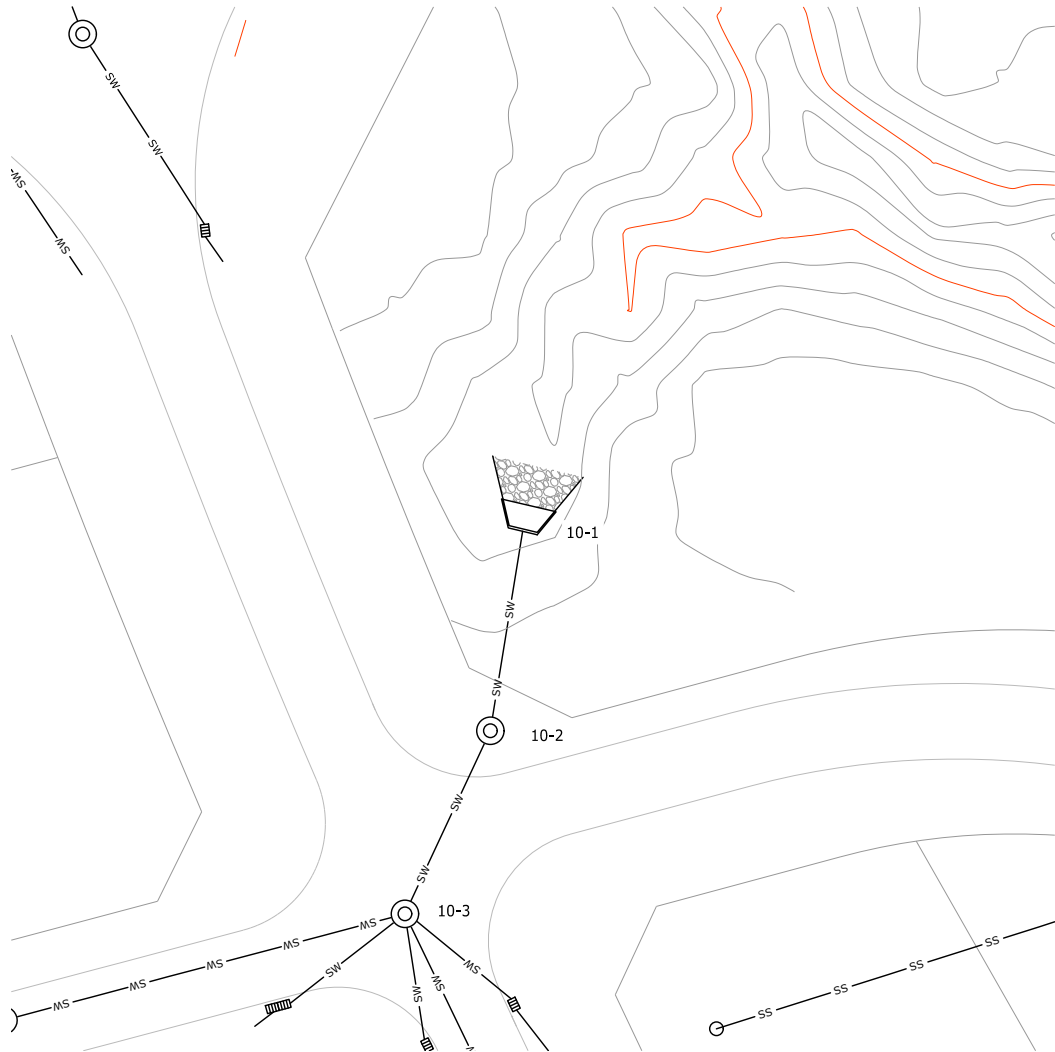
STORMWATER OUTLET
9-1

ORIGINATOR: SWK	DATE: 06.08.18	SIGNED:	PLOT BY: SWK
DRAWN: SWK	DATE: 06.08.18	SIGNED:	PLOT DATE: 16.08.18
CHECKED: KRW	DATE: 06.08.18	SIGNED:	SURVEY BY:
APPROVED: STM	DATE: 06.08.18	SIGNED:	SURVEY DATE:

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01	SCALES: NTS	A1
DRAWING No:	141842-SK328	REV 2



6 HEADWALL LAYOUT PLAN
SK292 SCALE 1:250-A1 1:500-A3

NOTES:

1. NO ADJUSTMENTS IN LOCATION FROM SUBMITTED CONSENT.
2. TRADITIONAL MACHINERY COULD BE USED, NO TREES TO BE DISTURBED.
3. HEADWALL TO DISCHARGE TO EXISTING GULLY.
4. ROCK OUTFALL TO BE CONSTRUCTED.
5. HEADWALL TO HAVE TOE INCORPORATED.
6. THIS OUTLET WILL BE ELIMINATED IF BASIN 2 IS CONSTRUCTED AS THE FLOW WILL BE DIRECTED TO BASIN 2.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



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2	NOTES ADDED	SWK	17.08.18
1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE

PROJECT:

WEASTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

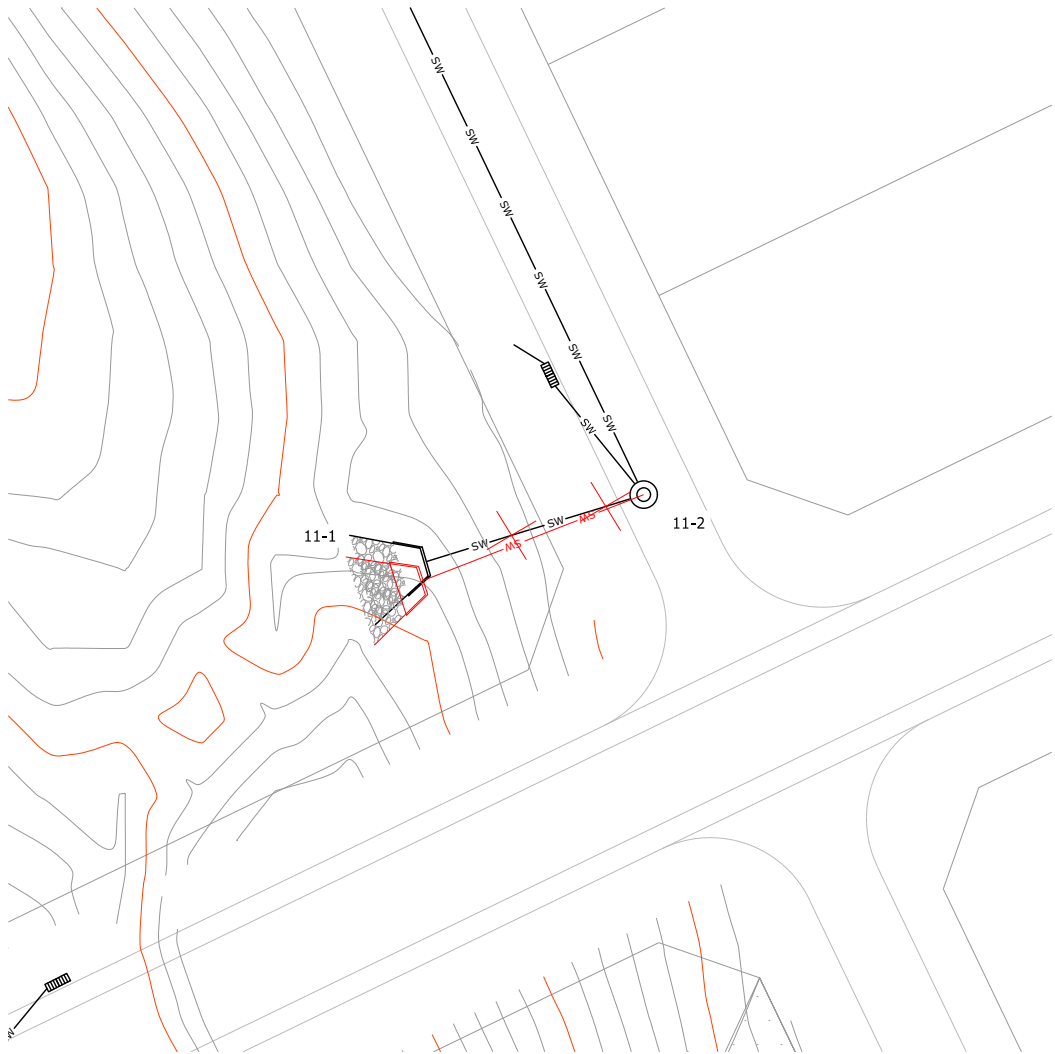
STORMWATER OUTLET
10-1

ORIGINATOR: SWK	DATE: 06.08.18	SIGNED:	PLOT BY: SWK
DRAWN: SWK	DATE: 06.08.18	SIGNED:	PLOT DATE: 16.08.18
CHECKED: KRW	DATE: 06.08.18	SIGNED:	SURVEY BY:
APPROVED: STM	DATE: 06.08.18	SIGNED:	SURVEY DATE:

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01	SCALES: NTS	A1
DRAWING No:		REV
141842-SK329		2



15 HEADWALL LAYOUT PLAN
SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE RELOCATED TO A MORE APPROPRIATE POSITION FROM THE SUBMITTED CONSENT.
2. RENO MATTRESS TO BE PLACED WITH HEADWALL.
3. TRADITIONAL MACHINERY COULD BE USED, NO TREES TO BE DISTURBED.
4. HEADWALL TO DISCHARGE TO EXISTING GULLY.
5. HEADWALL TO HAVE TOE INCORPORATED AND RENO MATTRESS TO BE PEGGED DOWN.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE

PROJECT:	WEASTON LEA LTD AMBERFIELD PEACOCKE RD HAMILTON
----------	---

TITLE:	STORMWATER OUTLET 11-1
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ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
SWK	06.08.18		SWK
DRAWN:	DATE:	SIGNED:	PLOT DATE:
SWK	06.08.18		09.08.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
KRW	06.08.18		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
STM	06.08.18		

ISSUE STATUS:	FOR RESOURCE CONSENT
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PROJECT No:	SCALES:	A1
9820-141842-01	NTS	

DRAWING No:	REV
141842-SK330	1



10 HEADWALL LAYOUT PLAN
SK293 SCALE 1:250-A1 1:500-A3

- NOTES:
- 1. HEADWALL TO BE RELOCATED TO A MORE APPROPRIATE POSITION FROM SUBMITTED CONSENT.
 - 2. TRADITIONAL MACHINERY COULD BE USED, NO TREES TO BE DISTURBED.
 - 3. HEADWALL TO DISCHARGE TO EXISTING GULLY.
 - 4. ROCK OUTFALL TO BE CONSTRUCTED.
 - 5. POSITION/PLACEMENT TO MATCH EXISTING WATERCOURSE.
 - 6. HEADWALL TO HAVE TOE INCORPORATED.
 - 7. SUPPLEMENTARY PHOTO 949 SHOWS EXISTING NATURALLY FORMED GULLY, WATER WAS RUNNING DOWN NATURALLY.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS





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1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE
PROJECT:			
WEASTON LEA LTD AMBERFIELD PEACOCKE RD HAMILTON			
TITLE:			
STORMWATER OUTLET 12-1			
ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
SWK	06.08.18		SWK
DRAWN:	DATE:	SIGNED:	PLOT DATE:
SWK	06.08.18		10.08.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
KRW	06.08.18		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
STM	06.08.18		
ISSUE STATUS:			
FOR RESOURCE CONSENT			
PROJECT No:	SCALES:		A1
9820-141842-01	NTS		
DRAWING No:			REV
141842-SK331			1



5 HEADWALL LAYOUT PLAN
SK292 SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE RELOCATED TO A MORE APPROPRIATE POSITION FROM SUBMITTED CONSENT.
2. RENO MATTRESS TO BE PLACED WITH HEADWALL.
3. TRADITIONAL MACHINERY COULD BE USED, NO TREES TO BE DISTURBED.
4. HEADWALL TO DISCHARGE TO RIVER.
5. HEADWALL TO HAVE TOE INCORPORATED AND RENO MATTRESS TO BE PEGGED DOWN.
6. POSITION/PLACEMENT TO MATCH EXISTING WATERCOURSE.
7. THIS OUTLET WILL BE ELIMINATED IF BASIN 2 IS CONSTRUCTED AS FLOW WILL BE DIRECTED INTO BASIN 2.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



2	NOTES ADDED	SWK	17.08.18
1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE

PROJECT:

WEASTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

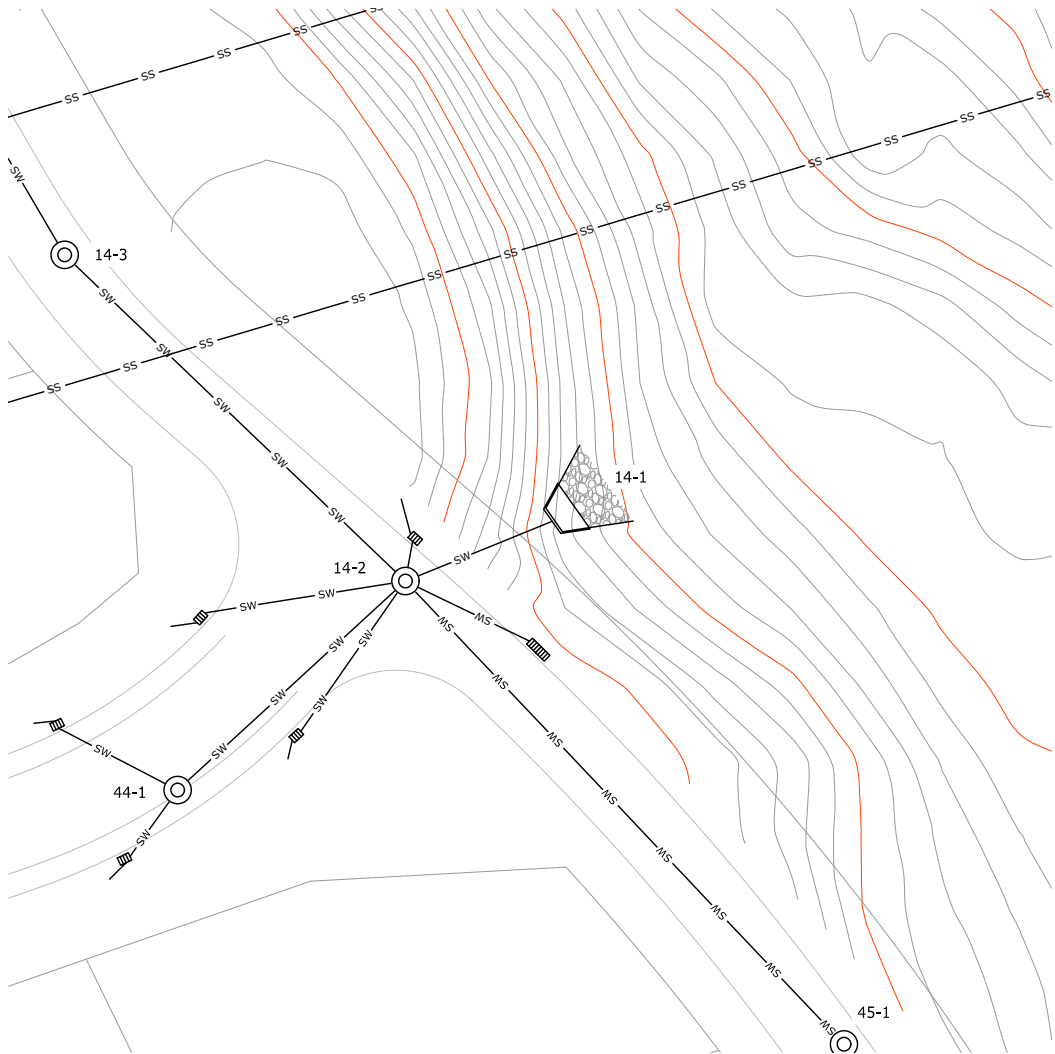
STORMWATER OUTLET
13-1

ORIGINATOR: SWK	DATE: 06.08.18	SIGNED:	PLOT BY: SWK
DRAWN: SWK	DATE: 06.08.18	SIGNED:	PLOT DATE: 16.08.18
CHECKED: KRW	DATE: 06.08.18	SIGNED:	SURVEY BY:
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ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01	SCALES: NTS	A1
DRAWING No: 141842-SK332	REV 2	



8 HEADWALL LAYOUT PLAN
SK292 SCALE 1:250-A1 1:500-A3

- NOTES:
- 1. NO ADJUSTMENT IN LOCATION FROM SUBMITTED CONSENT.
 - 2. ROCK OUTFALL TO BE CONSTRUCTED.
 - 3. TRADITIONAL MACHINERY COULD BE USED, NO TREES TO BE DISTURBED.
 - 4. HEADWALL TO DISCHARGE TO RIVER.
 - 5. HEADWALL TO HAVE TOE INCORPORATED.
 - 6. THIS OUTLET WILL BE ELIMINATED IF BASIN 3 IS CONSTRUCTED AS THE FLOW WILL BE DIRECTED TO BASIN 3.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



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2	NOTES ADDED	SWK	17.08.18
1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE

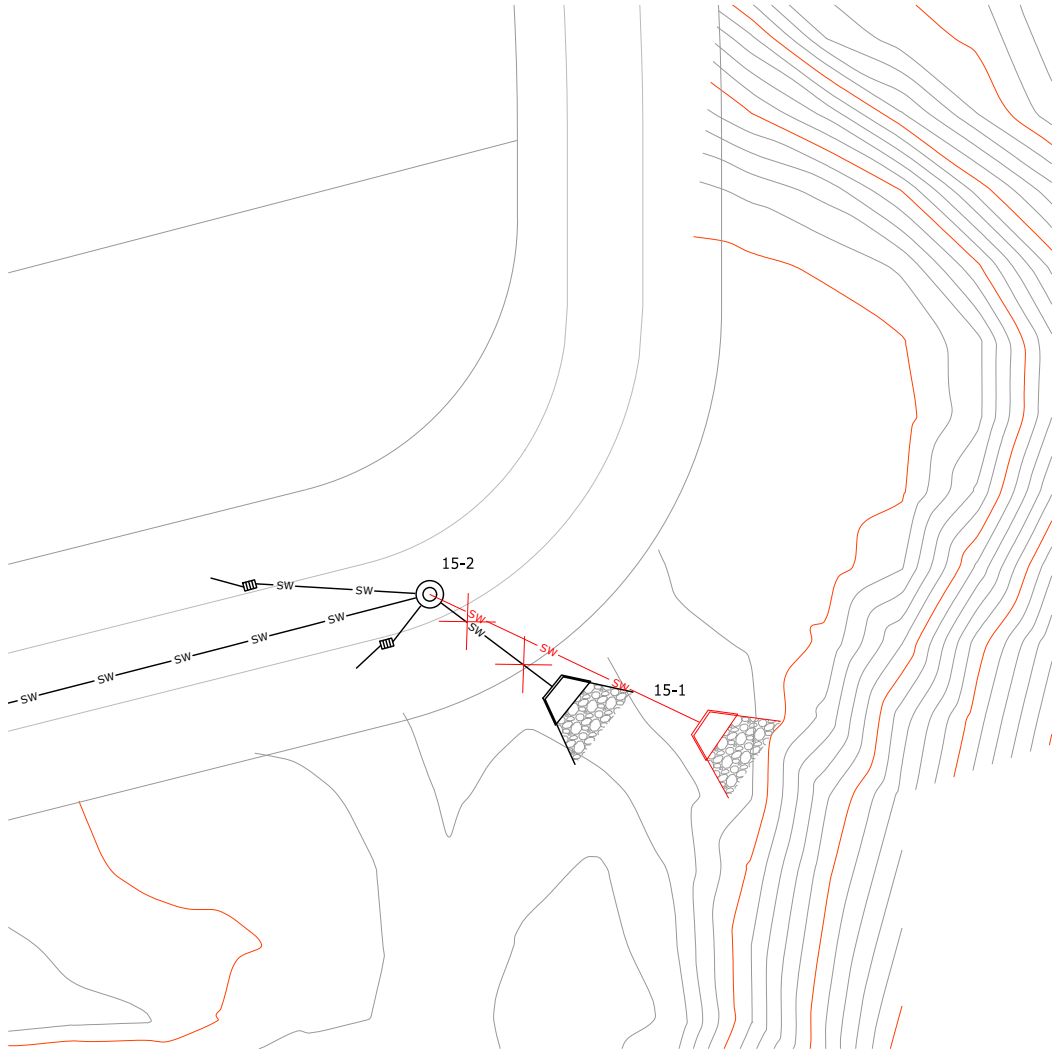
PROJECT:
**WEASTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

TITLE:
**STORMWATER OUTLET
14-1**

ORIGINATOR: SWK	DATE: 06.08.18	SIGNED:	PLOT BY: SWK
DRAWN: SWK	DATE: 06.08.18	SIGNED:	PLOT DATE: 16.08.18
CHECKED: KRW	DATE: 06.08.18	SIGNED:	SURVEY BY:
APPROVED: STM	DATE: 06.08.18	SIGNED:	SURVEY DATE:

ISSUE STATUS:
FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01	SCALES: NTS	A1
DRAWING No:	141842-SK333	REV 2



9 HEADWALL LAYOUT PLAN
SK293 SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE RELOCATED TO A MORE APPROPRIATE POSITION FROM SUBMITTED CONSENT.
2. RENO MATTRESS TO BE PLACED WITH HEADWALL.
3. TRADITIONAL MACHINERY COULD BE USED NO TREES TO BE DISTURBED.
4. HEADWALL TO DISCHARGE TO RIVER
5. HEADWALL TO HAVE TOE INCORPORATED AND RENO MATTRESS TO BE PEGGED DOWN.
6. POSITION/PLACEMENT TO MATCH EXISTING WATERCOURSE.
7. SUPPLEMENTARY PHOTO 911 SHOWS FLOW DIRECTION AND PATH OUTLET WOULD FACE.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



PHOTO 911



PHOTO 910



PHOTO 909



PHOTO 905

1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE

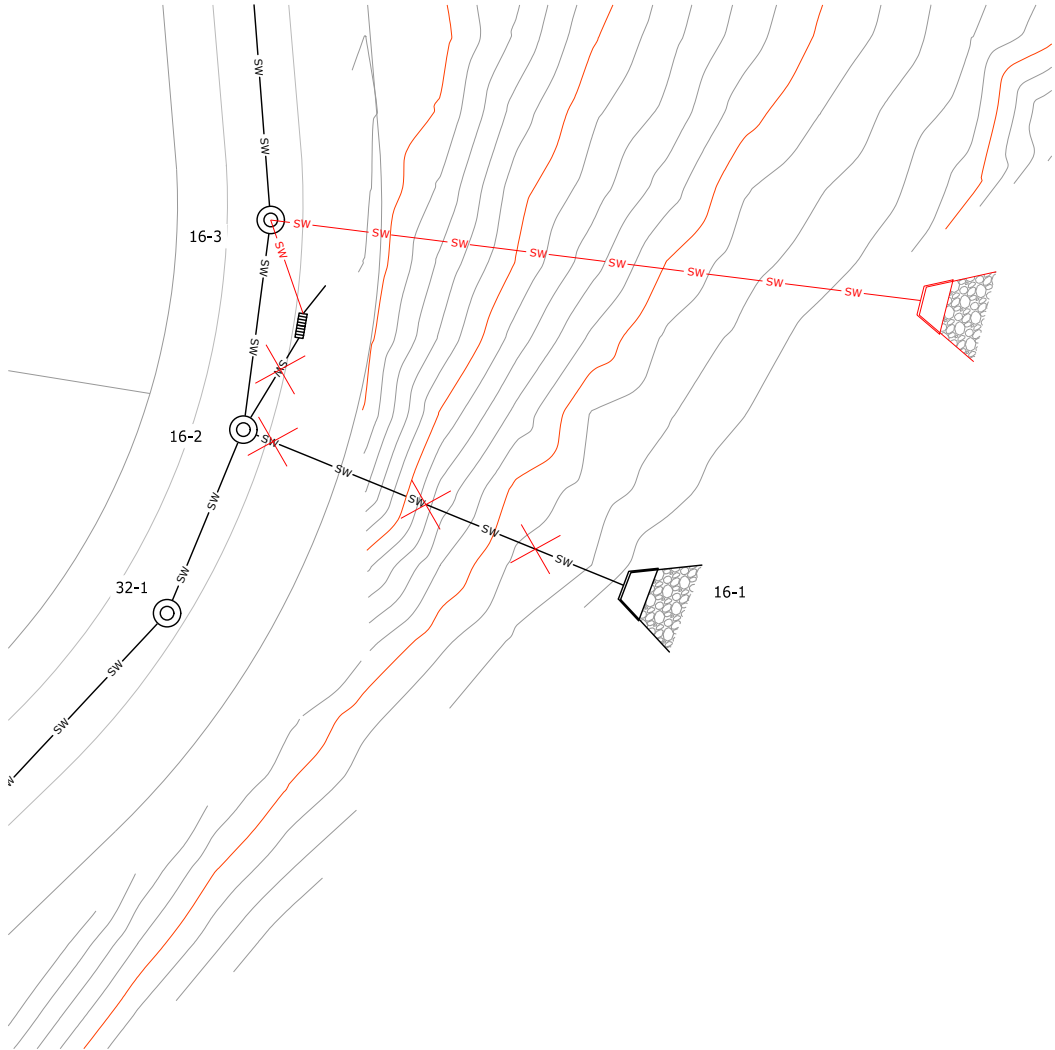
PROJECT:	WEASTON LEA LTD AMBERFIELD PEACOCKE RD HAMILTON
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TITLE:	STORMWATER OUTLET 15-1
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ORIGINATOR: SWK	DATE: 06.08.18	SIGNED:	PLOT BY: SWK
DRAWN: SWK	DATE: 06.08.18	SIGNED:	PLOT DATE: 10.08.18
CHECKED: KRW	DATE: 06.08.18	SIGNED:	SURVEY BY:
APPROVED: STM	DATE: 06.08.18	SIGNED:	SURVEY DATE:

ISSUE STATUS:	FOR RESOURCE CONSENT
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PROJECT No: 9820-141842-01	SCALES: NTS	A1
DRAWING No:	141842-SK334	REV 1



17 HEADWALL LAYOUT PLAN
SK296 SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE RELOCATED TO A MORE APPROPRIATE POSITION FROM SUBMITTED CONSENT.
2. RENO MATTRESS TO BE PLACED WITH HEADWALL
3. TRADITIONAL MACHINERY COULD BE USED, NO TREES TO BE DISTURBED.
4. HEADWALL TO DISCHARGE TO RIVER.
5. HEADWALL TO HAVE TOE INCORPORATED AND RENO MATTRESS TO BE PEGGED DOWN.
6. OUTLET TO FOLLOW EXISTING LOW POINT AS SHOWN AND SUPPLEMENTARY PHOTO 075.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



PHOTO 072



PHOTO 075



PHOTO 061

1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE

PROJECT:
**WEASTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON**

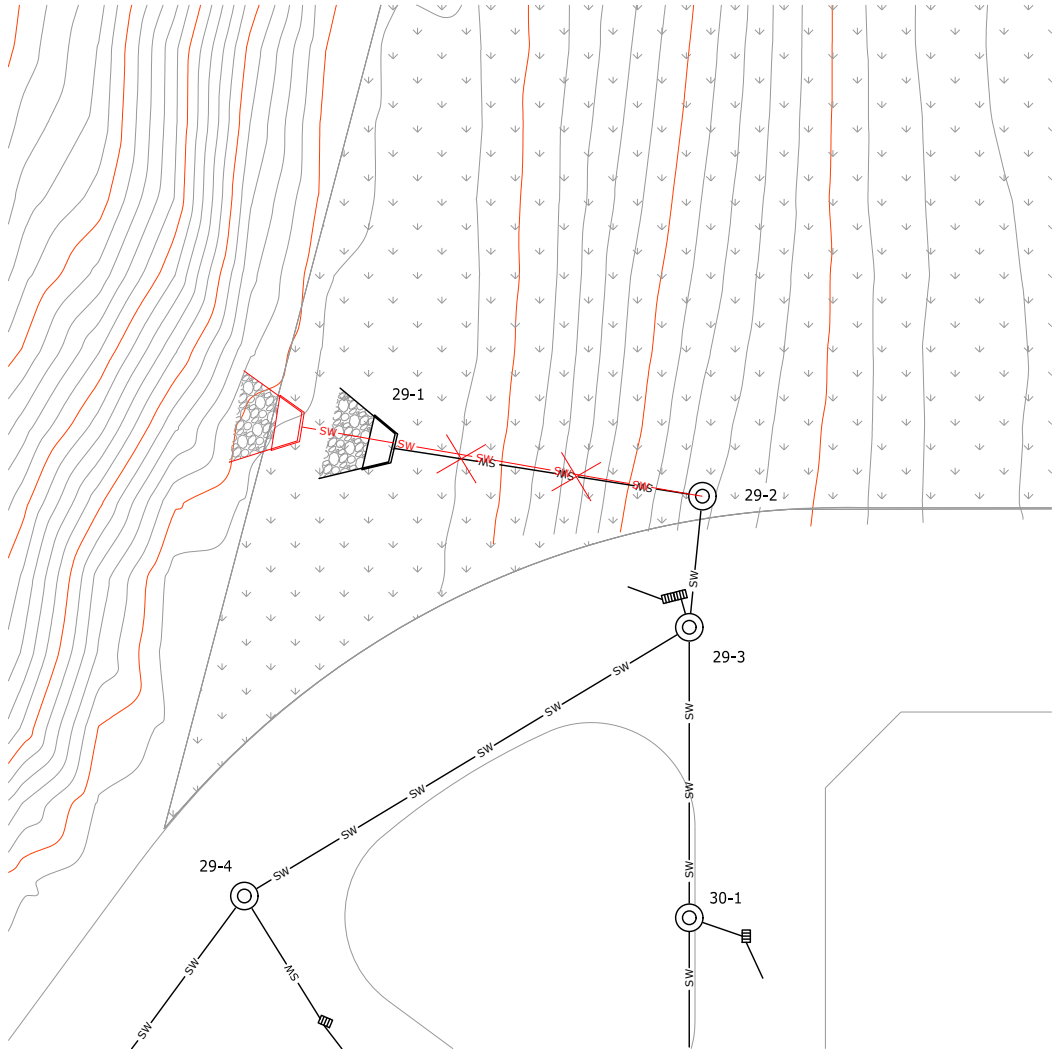
TITLE:
**STORMWATER OUTLET
16-1**

ORIGINATOR: SWK	DATE: 06.08.18	SIGNED:	PLOT BY: SWK
DRAWN: SWK	DATE: 06.08.18	SIGNED:	PLOT DATE: 10.08.18
CHECKED: KRW	DATE: 06.08.18	SIGNED:	SURVEY BY:
APPROVED: STM	DATE: 06.08.18	SIGNED:	SURVEY DATE:

ISSUE STATUS:
FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01	SCALES: NTS	A1
DRAWING No:		REV 1

141842-SK335



11 HEADWALL LAYOUT PLAN
SK294 SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE RELOCATED TO A MORE APPROPRIATE POSITION FROM SUBMITTED CONSENT.
2. RENO MATTRESS TO BE PLACED WITH HEADWALL.
3. TRADITIONAL MACHINERY COULD BE USED , NO TREES TO BE DISTURBED.
4. HEADWALL TO DISCHARGE INTO EXISTING GULLY.
5. HEADWALL TO HAVE TOE INCORPORATED AND RENO MATTRESS TO BE PEGGED DOWN.
6. OUTLET TO DISCHARGE PAST HEDGE SHOWN IN SUPPLEMENTARY PHOTO 969.
7. THIS OUTLET WILL BE ELIMINATED IF BASIN 4 IS CONSTRUCTED AS THE FLOW WILL BE DIRECTED TO BASIN 4.



PERSPECTIVE VIEW
SCALE N.T.S

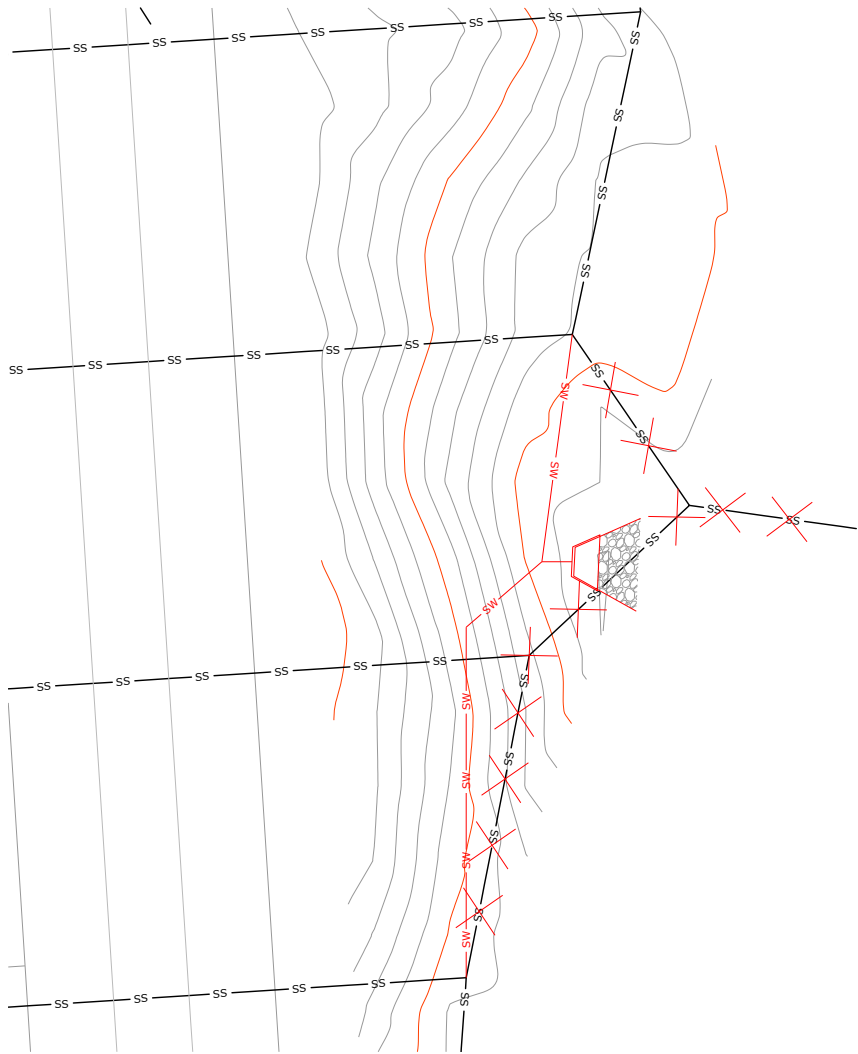
SUPPLEMENTARY PHOTOS



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2	NOTES ADDED	SWK	17.08.18
1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE
PROJECT:			
WEASTON LEA LTD AMBERFIELD PEACOCKE RD HAMILTON			
TITLE:			
STORMWATER OUTLET 29-1			
ORIGINATOR: SWK	DATE: 06.08.18	SIGNED:	PLOT BY: SWK
DRAWN: SWK	DATE: 06.08.18	SIGNED:	PLOT DATE: 16.08.18
CHECKED: KRW	DATE: 06.08.18	SIGNED:	SURVEY BY:
APPROVED: STM	DATE: 06.08.18	SIGNED:	SURVEY DATE:
ISSUE STATUS:			
FOR RESOURCE CONSENT			
PROJECT No: 9820-141842-01		SCALES: NTS	A1
DRAWING No:			REV
141842-SK336			2



4 HEADWALL LAYOUT PLAN
SK291 SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE RELOCATED TO A MORE APPROPRIATE POSITION FROM SUBMITTED CONSENT.
2. ROCK OUTFALL TO BE CONSTRUCTED.
3. TRADITIONAL MACHINERY COULD BE USED, NO TREES TO BE DISTURBED.
4. HEADWALL TO DISCHARGE TO RIVER.
5. POSITION/PLACEMENT TO MATCH EXISTING WATERCOURSE.
6. HEADWALL TO HAVE TOE INCORPORATED.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS





ASSOCIATION OF CONSULTING
ENGINEERS NEW ZEALAND

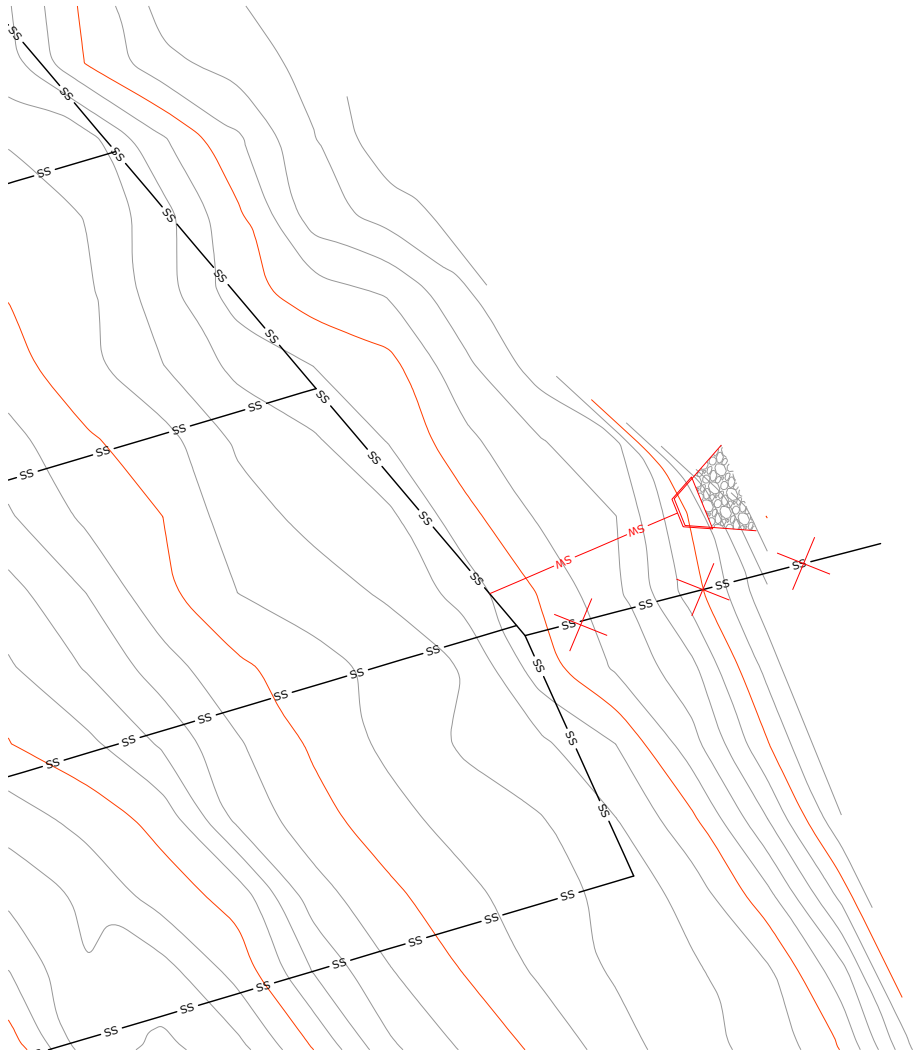
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1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE
PROJECT:			
WEASTON LEA LTD AMBERFIELD PEACOCKE RD HAMILTON			
TITLE:			
STORMWATER OUTLET SUBSOIL DRAIN NORTH			
ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
SWK	06.08.18		SWK
DRAWN:	DATE:	SIGNED:	PLOT DATE:
SWK	06.08.18		09.08.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
KRW	06.08.18		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
STM	06.08.18		
ISSUE STATUS:			
FOR RESOURCE CONSENT			
PROJECT No:	SCALES:		A1
9820-141842-01	NTS		
DRAWING No:			REV
141842-SK337			1



7 HEADWALL LAYOUT PLAN
SK292 SCALE 1:250-A1 1:500-A3

NOTES:

1. HEADWALL TO BE RELOCATED TO A MORE APPROPRIATE POSITION FROM SUBMITTED CONSENT.
2. TRADITIONAL MACHINERY COULD BE USED, NO TREES TO BE DISTURBED.
3. HEADWALL TO DISCHARGE TO RIVER.
4. ROCK OUTFALL TO BE CONSTRUCTED.
5. POSITION/PLACEMENT TO MATCH EXISTING WATERCOURSE.
6. HEADWALL TO HAVE TOE INCORPORATED.



PERSPECTIVE VIEW
SCALE N.T.S

SUPPLEMENTARY PHOTOS



PHOTO 925



PHOTO 915



PHOTO 918



PHOTO 933



PHOTO 916



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1	FOR RESOURCE CONSENT	KRW	06.08.18
REF	REVISIONS	BY	DATE

PROJECT:

WEASTON LEA LTD
AMBERFIELD
PEACOCKE RD HAMILTON

TITLE:

STORMWATER OUTLET
SUBSOIL DRAIN SOUTH

ORIGINATOR:	DATE:	SIGNED:	PLOT BY:
SWK	06.08.18		SWK
DRAWN:	DATE:	SIGNED:	PLOT DATE:
SWK	06.08.18		10.08.18
CHECKED:	DATE:	SIGNED:	SURVEY BY:
KRW	06.08.18		
APPROVED:	DATE:	SIGNED:	SURVEY DATE:
STM	06.08.18		

ISSUE STATUS:

FOR RESOURCE CONSENT

PROJECT No: 9820-141842-01

SCALES: NTS

A1

DRAWING No:

141842-SK338

REV

1