

Environmental Impact Statement

APPENDIX

B

DRAWINGS & SITE SURVEY



## Site Plan Existing Features

VIOLET STREET  
WASTE FACILITY EA

### Legend



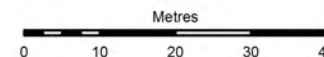
-  Existing Operations
-  Project Site



FIGURE 3-1

1:1,000 Scale at A4



Map Produced by Cardno NSW/ACT Pty Ltd (2812)  
 Date: 2018-01-06  
 Coordinate System: GDA 1994 MGA Zone 56  
 Project: 59915106  
 Map: 59915106\_GS\_002\_SitePlan\_Existing.mxd 03  
 Aerial imagery supplied by nearmap (August, 2015)



## Site Plan Proposed Features

VIOLET STREET  
WASTE FACILITY EA

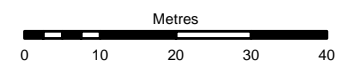
### Legend

- Project Site
- Building Demolitions
- Proposed Works

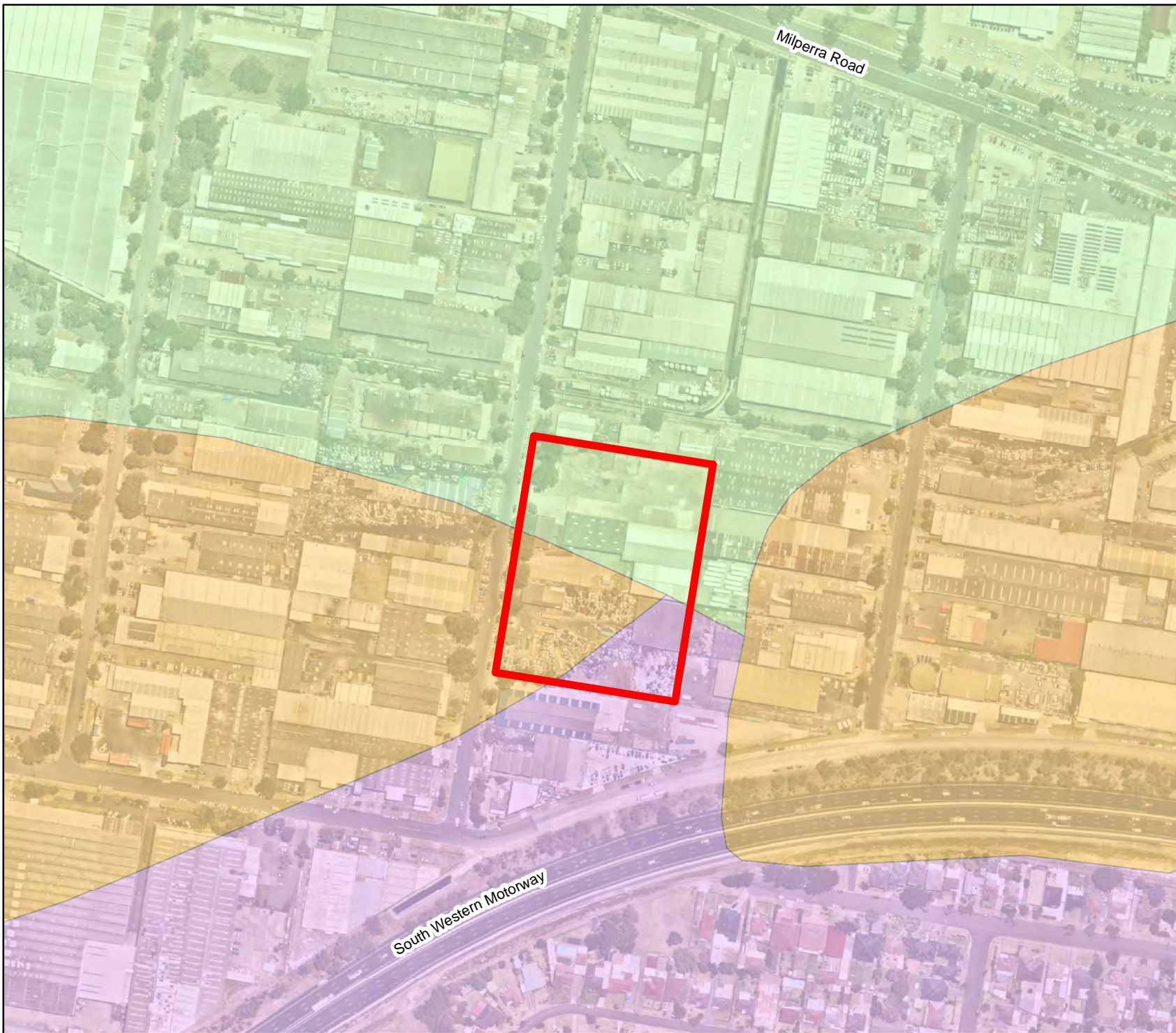


FIGURE 3-2

1:1,000 Scale at A4



Map Produced by Cardno NSW/ACT Pty Ltd (2304)  
 Date: 2016-05-25  
 Coordinate System: GDA 1994 MGA Zone 56  
 Project: 59915106  
 Map: 59915106\_GS\_003\_SitePlan\_Proposed.mxd 05  
 Aerial imagery supplied by nearmap (April, 2016)



## Soil Landscapes

VIOLET STREET  
WASTE FACILITY EA

### Legend

-  Project Site
- Soil Landscapes**
-  BIRRONG
-  BLACKTOWN
-  DISTURBED TERRAIN

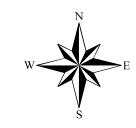
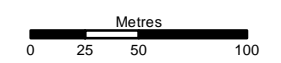
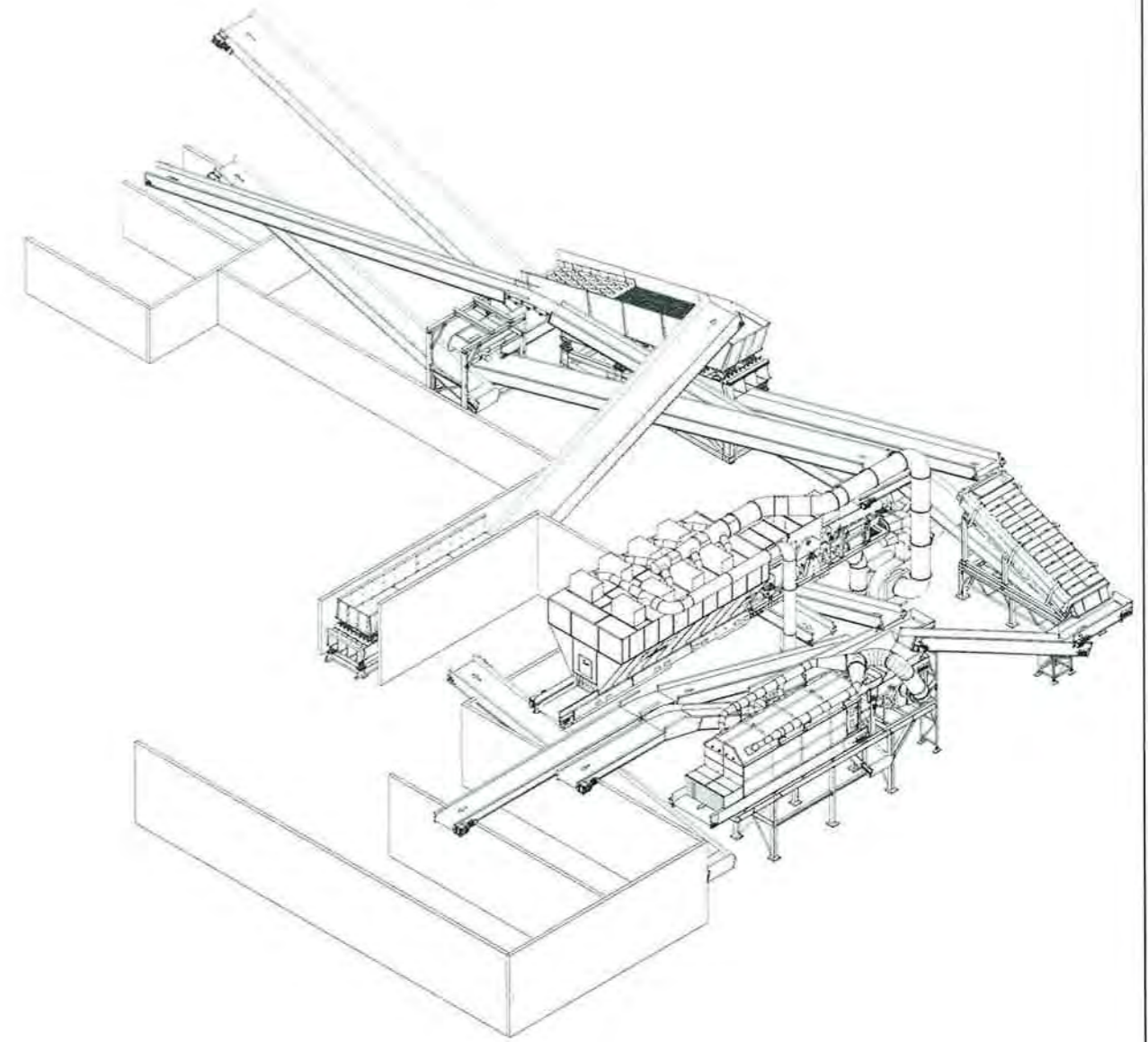
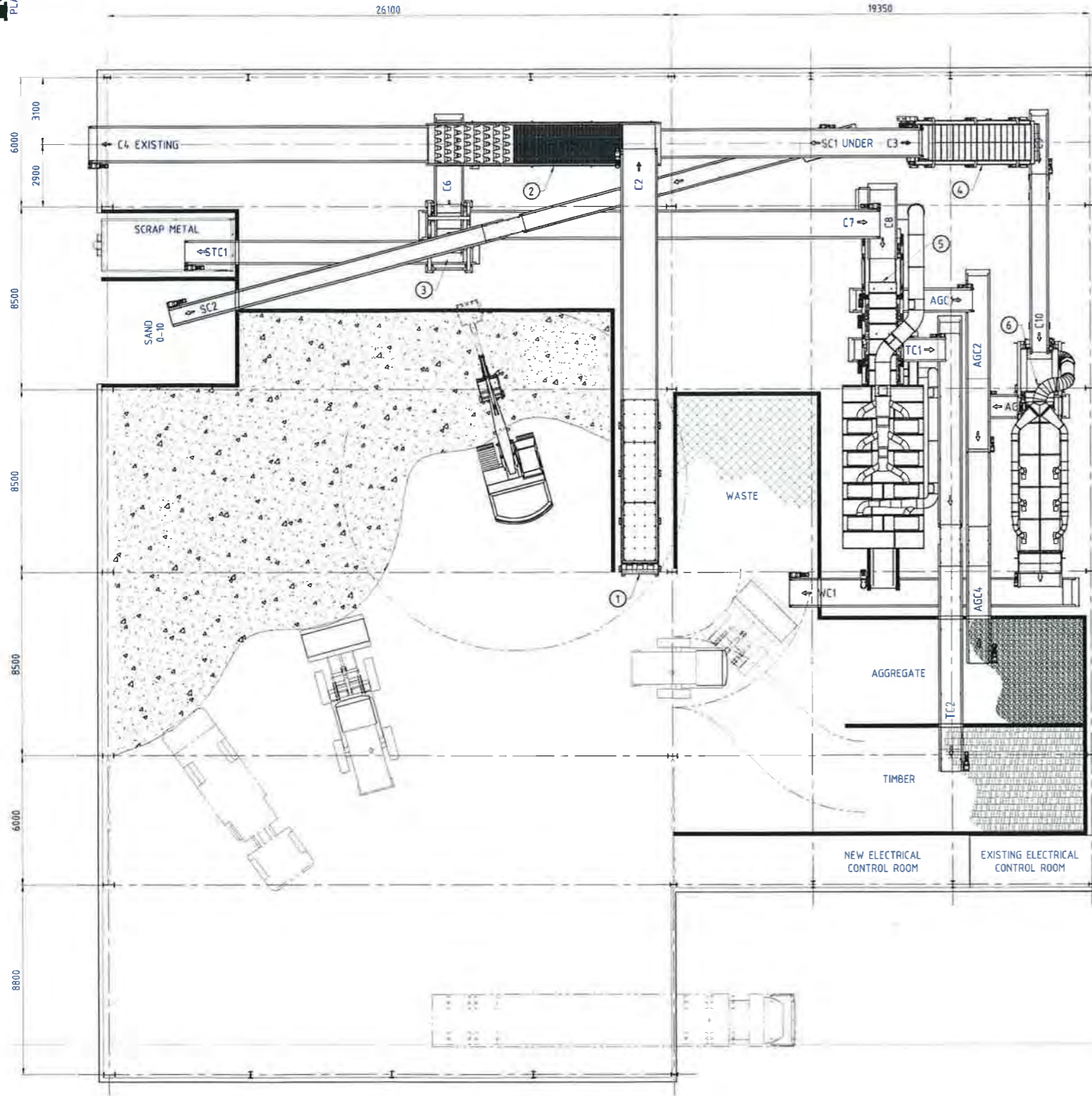


FIGURE 1-1

1:3,500 Scale at A4



Map Produced by Cardno NSW/ACT Pty Ltd (2812)  
 Date: 2016-06-14  
 Coordinate System: GDA 1994 MGA Zone 56  
 Project: 59915106  
 Map: 59915106\_GS\_006\_SoilsLandscapes.mxd 01



ISOMETRIC VIEW  
VIEWED LOOKING NORTH EAST  
ITEMS REMOVED FOR CLARITY

ARRANGEMENT ON ENVIRO C&D RECOVERY FACILITY

PRELIMINARY

EQUIPMENT SCHEDULE			
NUM	ITEM	DESCRIPTION	REMARKS
1	VFH	VIBRATORY FEEDER HOPPER	
2	VFS	VIBRATORY FINGER SCREEN	
3	BMT	BELT MAGNET TOWER 2 (PERMANENT)	
4	FFS	TRISOMAT FLIP FLOP SCREEN	
5	AS1	NIHOT AIR SEPARATOR - HEAVY FRACTION	
6	AS2	ABP AIR SEPARATOR - LIGHT FRACTION	

B	PRELIMINARY - CONVEYORS REVISED	19/01/16	D.B.
A	PRELIMINARY	15/01/16	D.B.

GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNO
- ALL WORKMANSHIP & MATERIALS TO BE IN ACCORDANCE WITH AS4100
- UNLESS NOTED OTHERWISE ALL STEEL SHALL BE IN ACCORDANCE WITH AS378 GRADE 250 FOR ALL PLATE
- GRADE BHP-300PLUS FOR STRUCTURAL SECTIONS
- AS163 GRADE C350 FOR RHS SECTIONS
- AS163 GRADE C350 FOR CHS SECTIONS - #76 & GRADE C250 - #76
- OTHER STANDARDS LISTED IN THE SPECIFICATION

- ALL HOLES TO BE Ø22 mm UNO
- ALL NOTCHES IN MEMBERS TO HAVE 11mm RADUS IN CORNERS
- ALL WELDING & WELD PREPARATION TO BE TO AS/NZS 1554:2004
- ALL JOINTS TO BE FULLY WELDED USING 60% CONTINUOUS FILET WELDS UNO
- ALL WELDING TO BE CATEGORY SP UNO
- ALL BUTT WELDING TO BE FULL PENETRATION UNO
- WELDING SYMBOLS SHOWN ARE TO AS/NZS 1013:2005

- FLAME CUT SURFACES TO BE UNIFORM & CLEAN BEFORE WELDING
- ALL DIMENSIONS GIVEN FOR MATERIAL ARE GROSS DIMENSIONS WITH NO REDUCTION FOR WELD PREPARATION
- SURFACE TREATMENT TO BE AS PER SPECIFICATION
- ITEM MARKS ARE TO BE PREFIXED BY DRAWING No FOR IDENTIFICATION

Drawn By	DATE	Checked By	DATE

RESOURCE RECOVERY DESIGN (AUST) PTY LTD.

ENVIRO RECYCLING  
REVESBY C&D FACILITY  
PLANT DESIGN AND INSTALLATION  
37 - 51 Violet Street, Revesby

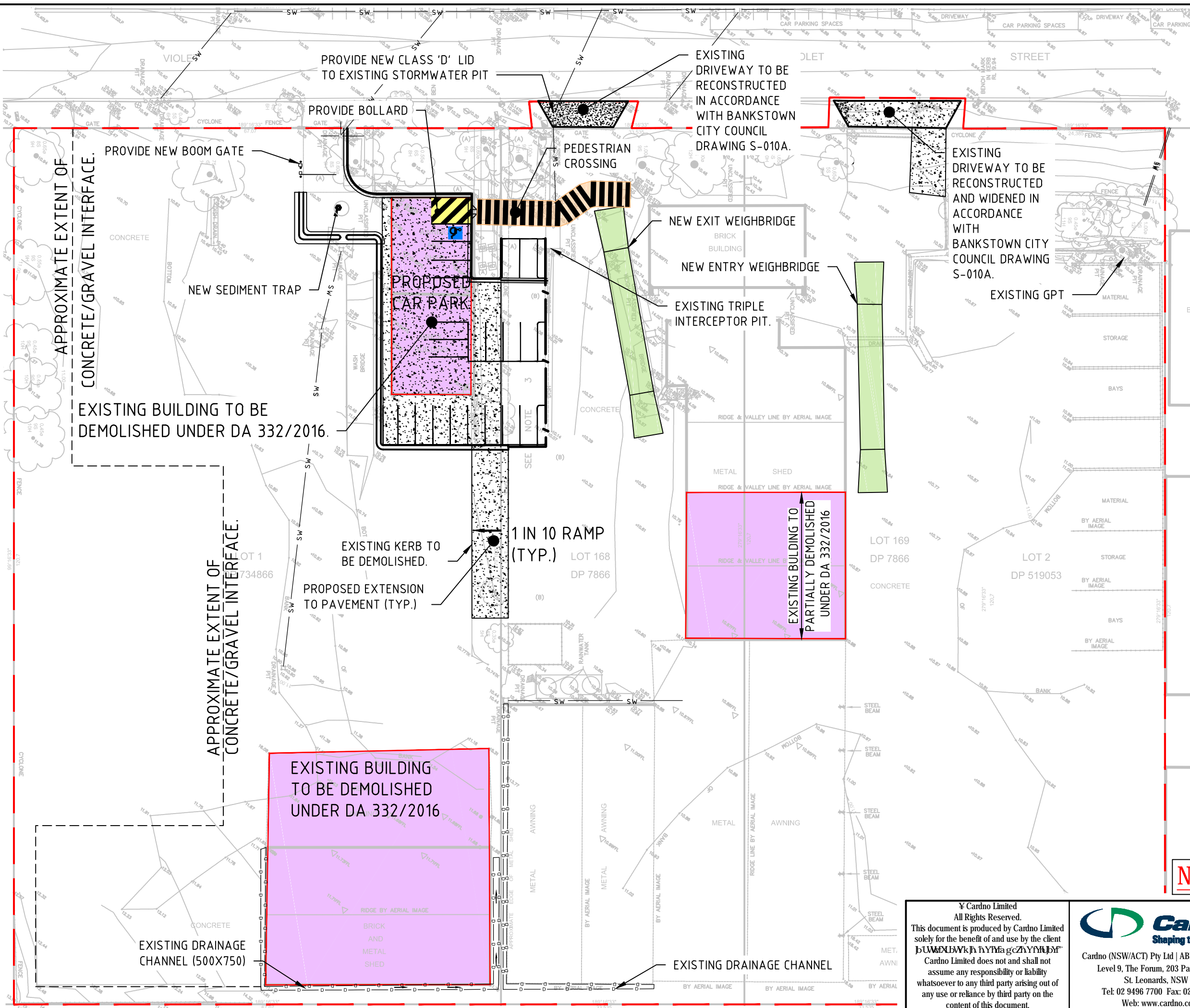
DESIGNER	DATE
D.B.	15/01/16
CHECKED	DATE
RRD	15/01/16
SHEET SIZE	SCALE
B1	1:100

PROJECT TITLE  
REVESBY C&D FACILITY  
GENERAL ARRANGEMENT  
PLAN AND DETAILS











DO NOT SCALE - IF IN DOUBT ASK

A 9388-CDF-01 B

DATE PLOTTED: 23 May 2016 11:02 AM BY: NASR AHMED



### LEGEND

-  NEW WEIGHBRIDGE
-  PEDESTRIAN CROSSING
-  BUILDING TO BE DEMOLISHED UNDER DA. 332/2016.
-  CONCRETE PAVEMENT
-  KERB AND GUTTER (K & G)
-  KERB ONLY (KO)
-  BOOM GATE ASSISTANCE POINT PILLAR  
BOOM GATE
-  PRAM RAMP
-  WHEEL STOP
-  WORK LIMIT



**NOT FOR CONSTRUCTION**

XREFS: X:59915106-CT-CLIENT/LOC: X:59915106-CT-SURVEY, X:59915106-CT-SITE BOUNDARY, X:59915106-CT-CIVIL WORKS  
 CAD File: X:\Projects\59915106\_Rev001\Drawings\Buildings\Drawings\59915106-CT-SK-00012.dwg

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<b>ENVIRO RECYCLING</b> WASTE RECYCLING FACILITY NOS 51 & 57 VIOLET STREET, REVESBY				
CIVIL WORKS PLAN				
Datum	Date	Scale	Size	
A.H.D.	23/05/2016	N.T.S.	A3	
Drawing Number <b>59915106-CT-SK-0001</b>				Revision <b>3</b>

DATE PLOTTED: 6 June 2016 10:04 AM BY: NASIR AHMED  
XREFS: X:59915106-CH-MADE; X:59915106-CL-CLIENT; LOGO: X:59915106-CL-SITE BOUNDARY  
CAD File: N:\Projects\59915106\_Revesby Waste Facility EAD\Drawings\59915106-CI-1000.dwg



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# ENVIRO RECYCLING WASTE RECYCLING FACILITY NOS 51 & 57 VIOLET STREET, REVESBY



LOCALITY PLAN  
 NTS

### SCHEDULE OF DRAWINGS

DRAWING No.	DESCRIPTION
<b>CIVIL DRAWINGS</b>	
59915106-CI-1000	COVER SHEET AND DRAWING LIST
59915106-CI-1001	GENERAL NOTES AND LEGENDS
59915106-CI-1050	GENERAL ARRANGEMENT PLAN
59915106-CI-1100	EROSION AND SEDIMENT CONTROL PLAN
59915106-CI-1150	EROSION AND SEDIMENT CONTROL DETAILS
59915106-CI-1300	SITE WORKS AND STORMWATER PLAN SHEET 1
59915106-CI-1301	SITE WORKS AND STORMWATER PLAN SHEET 2
59915106-CI-1500	CATCHMENT PLAN
<b>SURVEY DRAWINGS</b>	
59915106-500	DETAIL SURVEY CONTOURS AND RL'S

Rev.	Date	Description	Des.	Verif.	Appd.
2	17/05/2016	ISSUED FOR APPROVAL		MV	RPL SEG
1	28/04/2016	ISSUED FOR CLIENT REVIEW		MV	RPL SEG



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Drawn NIJA	Date 22/04/2016	Status <b>PRELIMINARY</b>
Checked SEG	Date 22/04/2016	NOT TO BE USED FOR CONSTRUCTION PURPOSES
Designed SEG	Date 18/04/2016	
Verified RPL	Date 27/04/2016	
Approved	Date	
SEG	28/04/2016	
Drawing Number 59915106-CI-1000		Revision 2

**GENERAL**

- ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH BANKSTOWN CITY COUNCIL STANDARDS.
- BANKSTOWN CITY COUNCIL STANDARD DETAILS TO BE USED WHERE POSSIBLE.
- UTILITY ADJUSTMENTS AT DEVELOPERS EXPENSE.
- CONDUITS TO BE PLACED WHERE REQUIRED BY THE RELEVANT AUTHORITIES.
- SUBSOIL DRAINAGE LINES TO BE PLACED AS INDICATED ON DRAWINGS.
- A MINIMUM OF 3m OF SUBSOIL LINE SHALL BE LAID INTO UPSTREAM SIDE OF COUNCIL PITS

**SURVEY NOTES**

THE EXISTING SITE CONDITIONS SHOWN ON THE FOLLOWING DRAWINGS HAVE BEEN INVESTIGATED BY CARDNO, BEING REGISTERED SURVEYORS. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA CONTACT CARDNO. THE FOLLOWING NOTES HAVE BEEN TAKEN DIRECTLY FROM THE ORIGINAL SURVEY DOCUMENTS.

**LEGEND OF EXISTING FEATURES**

- GRATED PIT
- INVERT OF PIT
- INVERT OF PIPE
- POWER POLE WITH LIGHT
- POWER POLE
- SEWER LAMP HOLE
- UNCLASSIFIED PIT
- GAS VALVE BOX
- BOLLARD
- WATER HYDRANT
- SPRINKLER HEAD
- WATER STOP VALVE
- COMMUNICATIONS PIT
- FINISHED FLOOR LEVEL
- STATION/BENCHMARK
- GATE
- TREE - TRUNK DIAMETER, SPREAD AND HEIGHT
- STORMWATER PIPE
- SPOT LEVEL

**TELSTRA - DUTY OF CARE NOTE**

TELSTRA'S PLANS SHOW ONLY THE PRESENCE OF CABLES AND PLANT. THEY ONLY SHOW THEIR POSITION RELATIVE TO ROAD BOUNDARIES, PROPERTY FENCES ETC. AT THE TIME OF INSTALLATION AND TELSTRA DOES NOT WARRANT OR HOLD OUT THAT SUCH PLANS ARE ACCURATE THEREAFTER DUE TO CHANGES THAT MAY OCCUR OVER TIME. DO NOT ASSUME DEPTH OR ALIGNMENT OF CABLES OR PLANT AS THESE VARY SIGNIFICANTLY. THE CONTRACTOR HAS A DUTY OF CARE WHEN EXCAVATING NEAR TELSTRA CABLES AND PLANT. BEFORE USING MACHINE EXCAVATORS TELSTRA PLANT MUST FIRST BE PHYSICALLY EXPOSED BY SOFT DIG POtholing TO IDENTIFY IT'S LOCATION TELSTRA WILL SEEK COMPENSATION FOR DAMAGES CAUSED TO IT'S PROPERTY AND LOSSES CAUSED TO TELSTRA AND IT'S CUSTOMERS.

**EROSION AND SEDIMENT CONTROL NOTES**

**GENERAL INSTRUCTIONS**

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE CONTROL OF EROSION AND SEDIMENTATION TO THE SATISFACTION OF COUNCIL, NSW OFFICE OF WATER, OFFICE OF ENVIRONMENT AND HERITAGE, THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE DRAWINGS SHALL ONLY BE USED AS A GUIDE BY THE CONTRACTOR, AND SHALL REPRESENT THE MINIMUM REQUIREMENT ONLY.
- THE CONTRACTOR SHALL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS DOCUMENTED OR AS OTHERWISE DIRECTED BY THE SUPERINTENDENT. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH
  - LOCAL AUTHORITY REQUIREMENTS
  - EPA REQUIREMENTS
  - NSW DEPARTMENT OF HOUSING MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH 2004.
- MAINTAIN THE EROSION CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
- WHEN STORMWATER PITS ARE CONSTRUCTED, PREVENT SITE RUNOFF ENTERING UNLESS SEDIMENT FENCES ARE ERECTED AROUND PITS.
- CONTRACTOR IS TO ENSURE ALL EROSION & SEDIMENT CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.

**LAND DISTURBANCE**

- WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:
  - INSTALL A SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
  - CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT/ENGINEER. REFER DETAIL.
  - INSTALL SEDIMENT BASIN AS SHOWN ON PLAN (D). INSTALL SEDIMENT TRAPS AS SHOWN ON PLAN.
  - UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

**EROSION CONTROL**

- DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.

- FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

**SEDIMENT CONTROL**

- STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.

- ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.

- WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE. I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.

- TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

- ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.

- ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
  - PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE
  - ENSURING THAT NOTHING IS NAILED TO THEM
  - PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS:
    - ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 15 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICHEVER IS THE GREATER
    - A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH
    - CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.

**OTHER MATTERS**

- PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE
- ENSURING THAT NOTHING IS NAILED TO THEM
- PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS:
  - ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 15 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICHEVER IS THE GREATER
  - A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH
  - CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.

**SITWORKS NOTES**

- ORIGIN OF LEVELS - REFER SURVEY NOTES.
- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES TO BE REPORTED TO CARDNO.
- MAKE SMOOTH CONNECTION WITH EXISTING WORKS.
- ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
- ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)
- ASPHALTIC CONCRETE SHALL CONFORM TO R.T.A. SPECIFICATION R116
- ALL BASECOURSE MATERIAL SHALL BE DGB 20 COMPLYING WITH R.T.A. FORM 3051 (UNBOUND), R.T.A. COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1
- FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m<sup>3</sup> OF BASECOURSE MATERIAL PLACED.
- ALL SUB-BASE COURSE MATERIAL SHALL BE DGS 20 COMPLYING WITH R.T.A. FORM 3051 AND 3051.1 AND COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m<sup>3</sup> OF SUB-BASE COURSE MATERIAL PLACED.
- A CERTIFIED RECYCLED CONCRETE MATERIAL, COMPLYING WITH R.T.A. FORM 3051 AND 3051.1 WILL BE ACCEPTED SUBJECT TO MATERIAL SAMPLES AND APPROPRIATE CERTIFICATIONS BEING PROVIDED TO THE SATISFACTION OF LANDCOM.

**STORMWATER DRAINAGE NOTES**

- STORMWATER DESIGN CRITERIA: AVERAGE RECURRENCE INTERVAL- 20 YEARS MINOR STORM EVENT. 100 YEARS MAJOR STORM EVENT.
- PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '2' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS. U.N.O.
- PIPES UP TO AND INCLUDING 225 DIA SHALL BE DWV GRADE uPVC WITH SOLVENT WELDED JOINTS. U.N.O.
- EQUIVALENT STRENGTH FRC PIPES MAY BE USED FOR PIPES UP TO 300 DIA
- PIPES TO BE INSTALLED TO TYPE HS2 SUPPORT IN ACCORDANCE WITH AS 3725 (1989) IN ALL CASES BACKFILL TRENCH WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)
- ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500.3 (2015).
- PRECAST PITS MAY NOT BE USED.
- ENLARGERS, CONNECTIONS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
- WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED uPVC SEWER GRADE PIPE IS TO BE USED.
- CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
- GRATES AND COVERS SHALL CONFORM TO AS 3996.
- AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
- ALL EXISTING STORMWATER DRAINAGE LINES AND PITS THAT ARE TO REMAIN ARE TO BE INSPECTED AND CLEANED. DURING THIS PROCESS ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERINTENDENT/ENGINEER FOR FURTHER DIRECTIONS.

**KERBING NOTES**

- ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 25 MPa U.N.O IN REINFORCED CONCRETE NOTES.
- ALL KERBS, GUTTERS, DISH DRAINS AND CROSSINGS TO BE CONSTRUCTED ON 175mm GRANULAR BASECOURSE COMPACTED TO MINIMUM 98% MODIFIED DRY DENSITY (AS 1289 5.2.1). U.N.O
- EXPANSION JOINTS (E.J) TO BE FORMED FROM 10mm COMPRESSIBLE CORN FILLER BOARD FOR THE FULL DEPTH OF THE SECTION AND CUT TO PROFILE. EXPANSION JOINTS TO BE LOCATED AT DRAINAGE PITS, ON TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX 12m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE EXPANSION JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
- WEAKENED PLANE JOINTS TO BE MIN 3mm WIDE AND LOCATED AT 3m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE WEAKENED PLANE JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
- BROOMED FINISH TO ALL RAMPED AND VEHICULAR CROSSINGS. ALL OTHER KERBING OR DISH DRAINS TO BE STEEL FLOAT FINISHED. U.N.O
- IN THE REPLACEMENT OF KERB AND GUTTER - EXISTING ROAD PAVEMENT IS TO BE SAWCUT 900mm U.N.O FROM THE LIP OF GUTTER. UPON COMPLETION OF THE NEW KERB AND GUTTER NEW BASECOURSE AND SURFACE TO BE LAID 900mm WIDE U.N.O.
- ALLOTMENT DRAINAGE PIPES ARE TO BE BUILT INTO THE NEW KERB AND GUTTER WITH 100mm DIA HOLE.
- EXISTING KERB AND GUTTER IS TO BE COMPLETELY REMOVED WHERE NEW KERB AND GUTTER IS SHOWN.

**EXISTING UNDERGROUND SERVICES NOTES**

THE LOCATIONS OF UNDERGROUND SERVICES SHOWN IN THIS SET OF DRAWINGS HAVE BEEN PLOTTED FROM SURVEY INFORMATION SERVICE INVESTIGATION AND SERVICE AUTHORITY INFORMATION. THE SERVICE INFORMATION HAS BEEN PREPARED ONLY TO SHOW THE APPROXIMATE POSITIONS OF ANY KNOWN SERVICES AND MAY NOT BE AS CONSTRUCTED OR ACCURATE. CARDNO CAN NOT GUARANTEE THAT THE SERVICES INFORMATION SHOWN ON THESE DRAWINGS ACCURATELY INDICATES THE PRESENCE OR ABSENCE OF SERVICES OR THEIR LOCATION AND WILL ACCEPT NO LIABILITY FOR INACCURACIES IN THE SERVICES INFORMATION SHOWN FROM ANY CAUSE WHATSOEVER.

CONTRACTORS SHALL TAKE DUE CARE WHEN EXCAVATING ONSITE INCLUDING HAND EXCAVATION WHERE NECESSARY. CONTRACTORS ARE TO CONTACT THE RELEVANT SERVICE AUTHORITY PRIOR TO COMMENCEMENT OF EXCAVATION WORKS. CONTRACTORS ARE TO UNDERTAKE A SERVICES SEARCH, PRIOR TO COMMENCEMENT OF WORKS ON SITE. SEARCH RESULTS ARE TO BE KEPT ON SITE AT ALL TIMES.

**PROPOSED WORKS LEGEND**

- CATCHMENT AREA 1
- CATCHMENT AREA 2
- CATCHMENT AREA 3
- BUILDING TO BE DEMOLISHED UNDER DA 332/2016
- CONCRETE PAVEMENT
- KERB AND GUTTER (K & G)
- DISH DRAIN (DD)
- KERB ONLY (KO)
- BOOM GATE ASSISTANCE POINT PILLAR
- BOOM GATE
- SANDBAG
- SEDIMENT TRAP
- SITE ACCESS POINT
- FINISH LEVEL
- PRAM RAMP
- WHEEL STOP
- STORMWATER PIPE
- UPSTREAM INVERT LEVEL
- GRADE
- DIAMETER
- DOWNSTREAM INVERT LEVEL
- STORMWATER PITS
- WORK LIMIT

Rev.	Date	Description	Des.	Verif.	Appd.
2	17/05/2016	ISSUED FOR APPROVAL		MV	RPL SEG
1	28/04/2016	ISSUED FOR CLIENT REVIEW		MV	RPL SEG



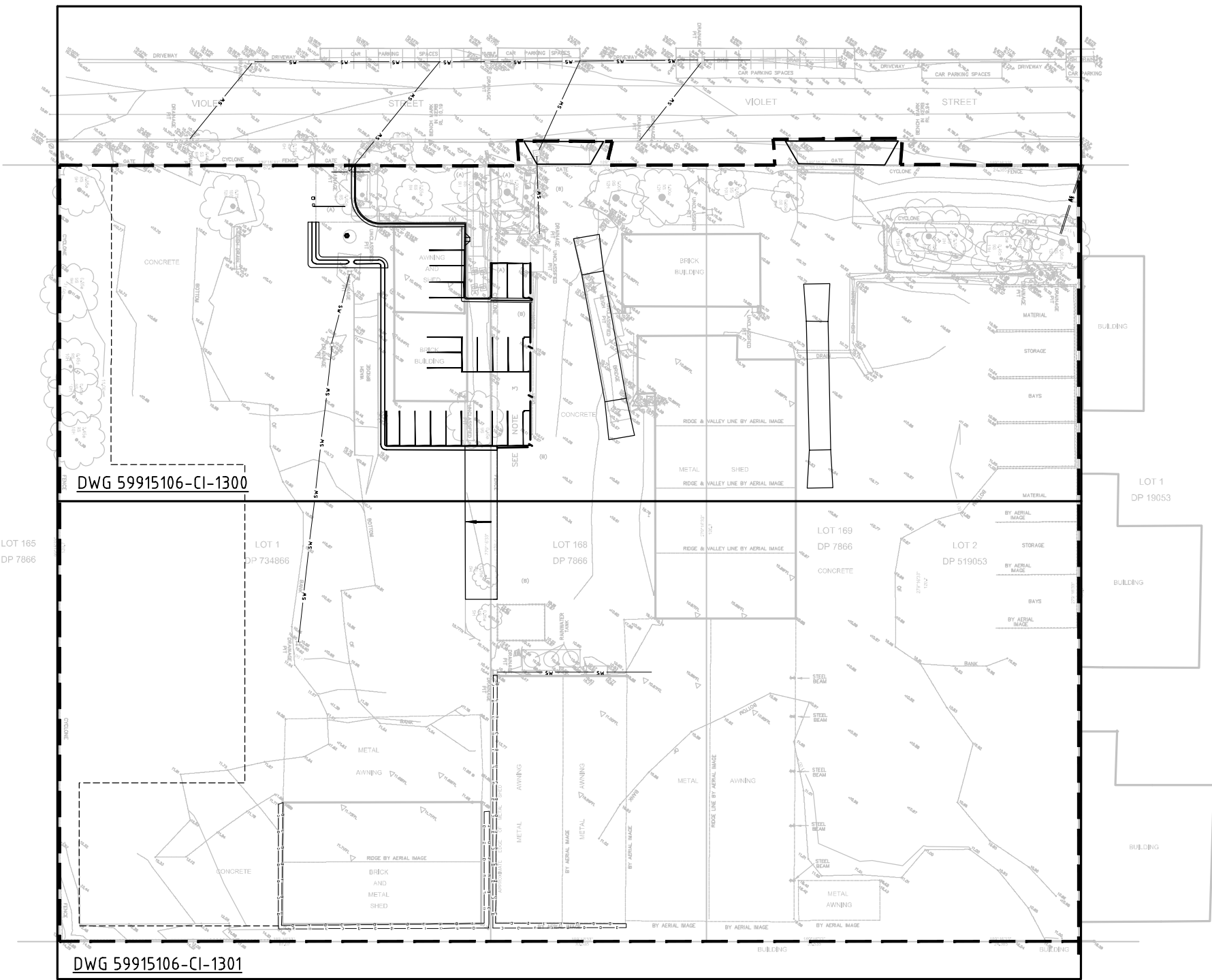
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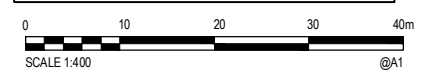
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NJA	22/04/2016
Checked	Date
SEG	22/04/2016
Designed	Date
SEG	18/04/2016
Verified	Date
RPL	27/04/2016
Approved	Date
SEG	28/04/2016

Client	ENVIRO RECYCLING
Project	WASTE RECYCLING FACILITY NOS 51 & 57 VIOLET STREET, REVESBY
Title	GENERAL NOTES AND LEGENDS

Status	PRELIMINARY		
NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Datum	Date	Scale	Size
A.H.D.	MAR-16	N.T.S.	A1
Drawing Number	Revision		
59915106-CI-1001	2		



**NOTE**  
REFER DRAWING 59915106-CI-1001 FOR ALL NOTES AND LEGENDS.



Rev.	Date	Description	Des.	Verif.	Appd.
2	17/05/2016	ISSUED FOR APPROVAL		MV	RPL SEG
1	28/04/2016	ISSUED FOR CLIENT REVIEW		MV	RPL SEG



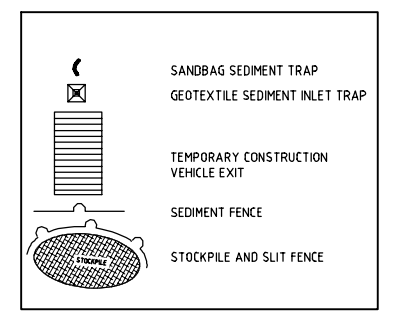
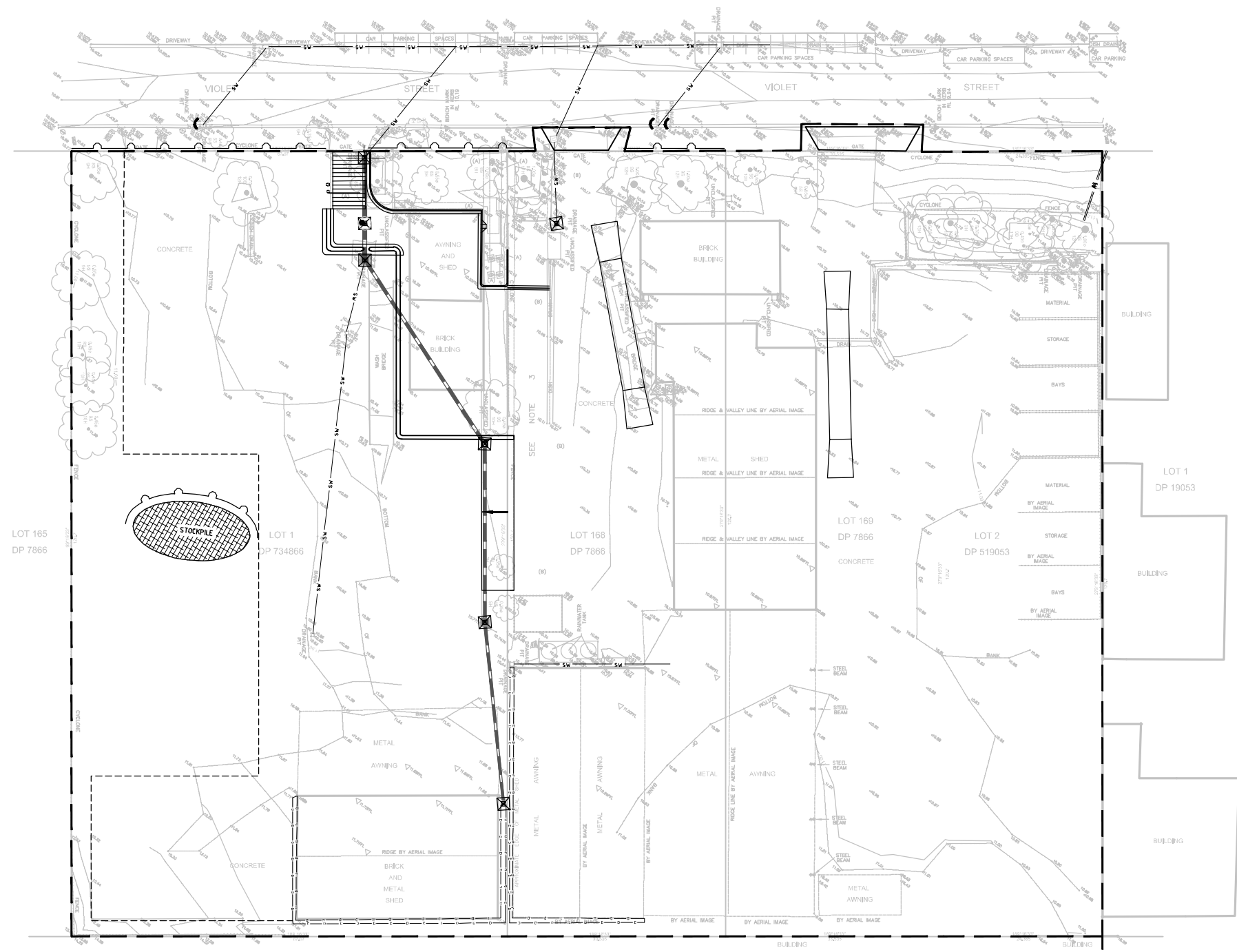
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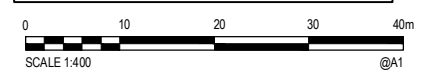
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Checked	SEG	Date	22/04/2016
Designed	SEG	Date	18/04/2016
Verified	RPL	Date	27/04/2016
Approved		Date	
SEG		Date	28/04/2016

Client: **ENVIRO RECYCLING**  
Project: **WASTE RECYCLING FACILITY  
NOS 51 & 57 VIOLET STREET, REVESBY**  
Title: **GENERAL ARRANGEMENT PLAN**

Status: <b>PRELIMINARY</b>			
NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Datum	Date	Scale	Size
A.H.D.	MAR-16	1:400	A1
Drawing Number			Revision
59915106-CI-1050			2



**NOTE**  
REFER DRAWING 59915106-CI-1001 FOR ALL NOTES AND LEGENDS.



XREF: X:59915106-CI-CLIENT.LOOC; X:59915106-CI-SURVEY; X:59915106-CI-SITE BOUNDARY; X:59915106-CI-DRAINAGE; X:59915106-CI-CIVIL WORKS  
CAD File: N:\Projects\59915106\_Revesby Waste Facility\EAD\Drawings\59915106-CI-1100.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
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1	28/04/2016	ISSUED FOR CLIENT REVIEW		MV	RPL SEG



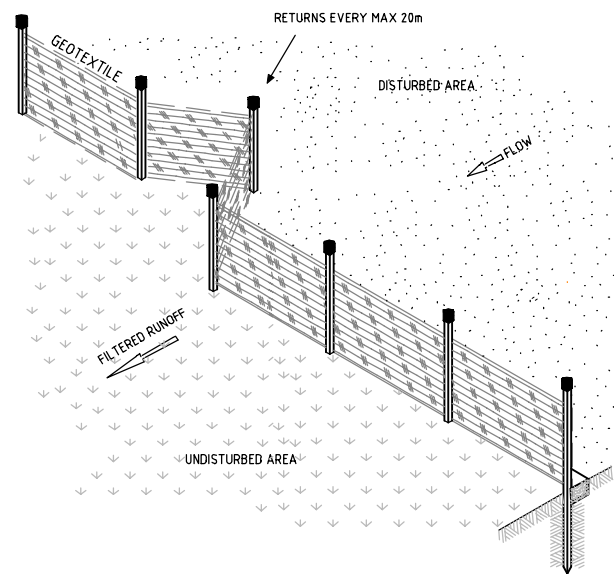
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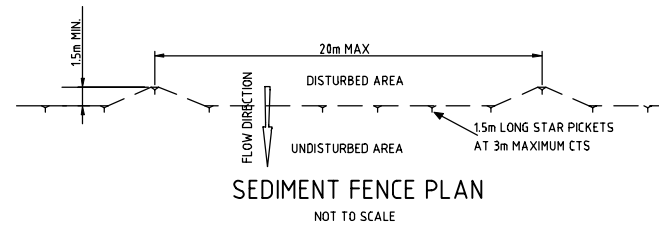
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Checked	SEG	Date	22/04/2016
Designed	SEG	Date	18/04/2016
Verified	RPL	Date	27/04/2016
Approved		Date	
SEG		Date	28/04/2016

Client **ENVIRO RECYCLING**  
Project **WASTE RECYCLING FACILITY  
NOS 51 & 57 VIOLET STREET, REVESBY**  
Title **EROSION AND SEDIMENT CONTROL PLAN**

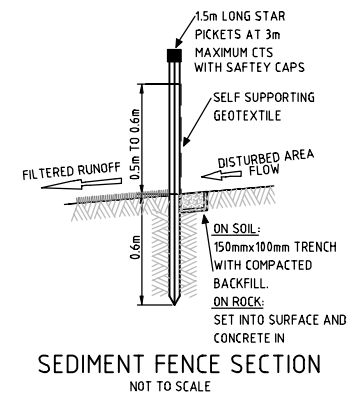
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NOT TO BE USED FOR CONSTRUCTION PURPOSES					
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Revision	2				



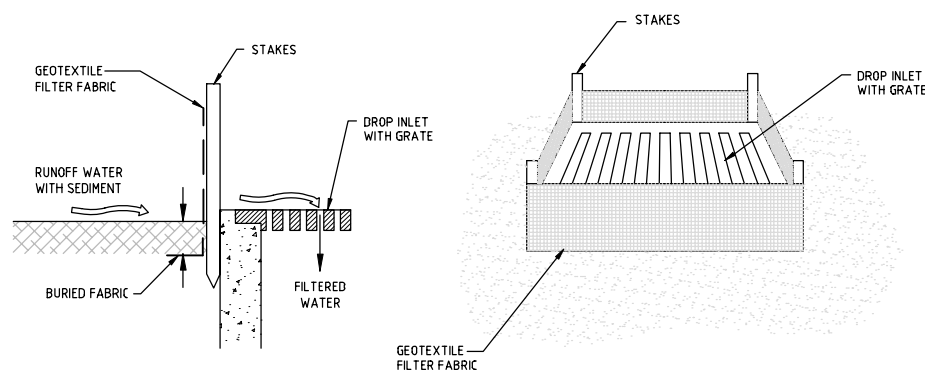
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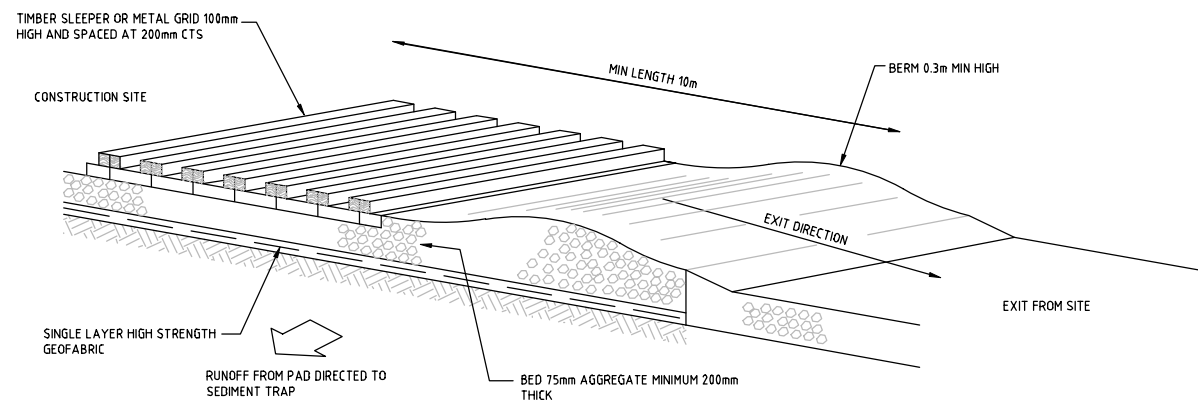
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NOT TO SCALE



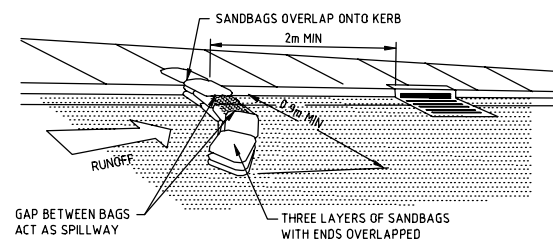
SEDIMENT FENCE SECTION  
NOT TO SCALE



GEOTEXTILE FILTER FABRIC DROP INLET SEDIMENT TRAP  
NOT TO SCALE



TEMPORARY CONSTRUCTION VEHICLE EXIT  
NOT TO SCALE



SANDBAG SEDIMENT TRAP FOR KERB INLET ON GRADE  
NTS

Rev.	Date	Description	Des.	Verif.	Appd.
2	17/05/2016	ISSUED FOR APPROVAL	MV	RPL	SEG
1	28/04/2016	ISSUED FOR CLIENT REVIEW	MV	RPL	SEG



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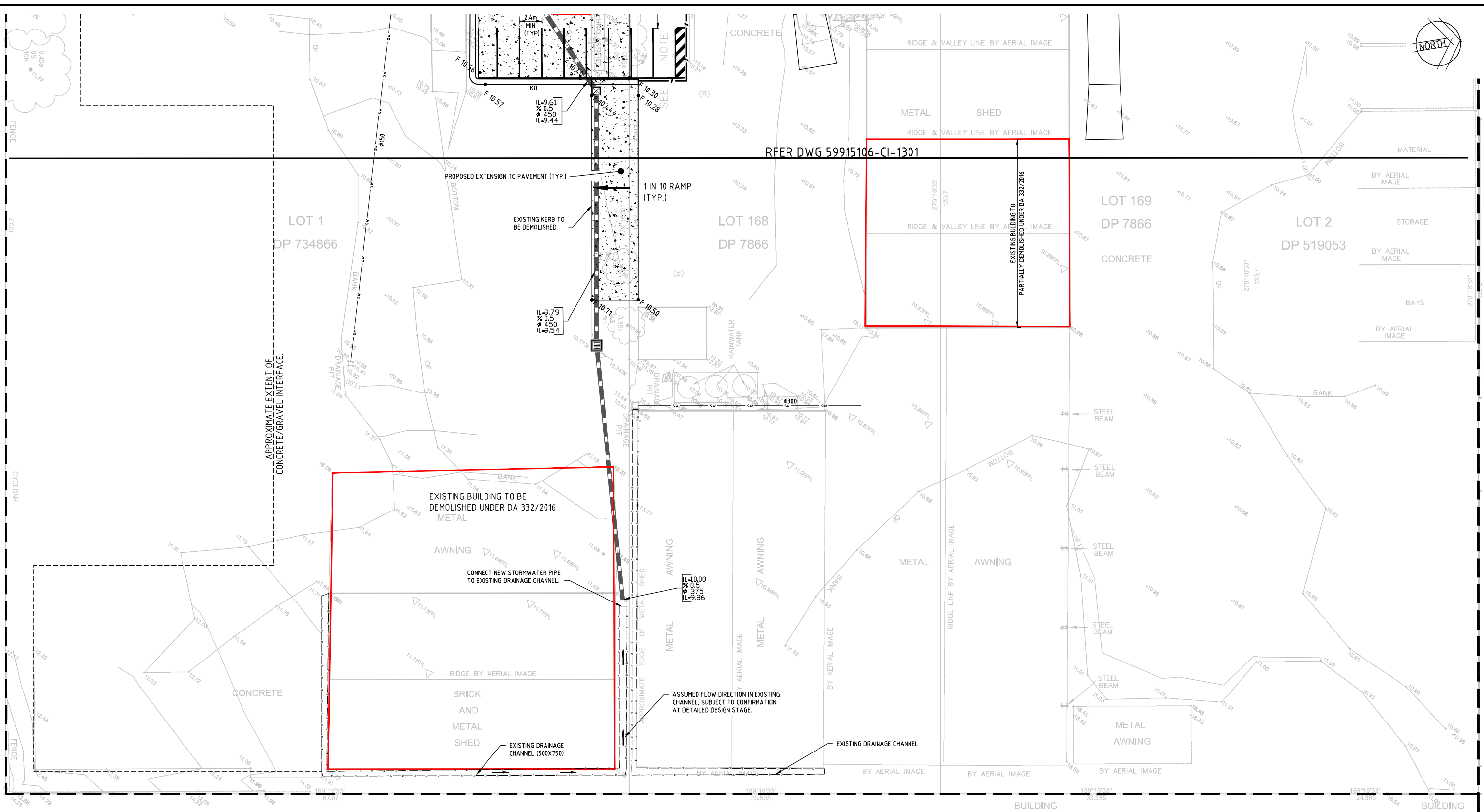
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Checked	SEG	Date	22/04/2016
Designed	SEG	Date	18/04/2016
Verified	RPL	Date	27/04/2016
Approved		Date	
SEG		Date	28/04/2016

Client	ENVIRO RECYCLING
Project	WASTE RECYCLING FACILITY NOS 51 & 57 VIOLET STREET, REVESBY
Title	EROSION AND SEDIMENT CONTROL DETAILS

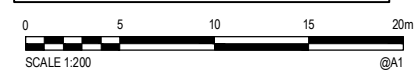
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Datum	A.H.D.	Date	MAR-16	Scale	N.T.S.	Size	A1
Drawing Number	59915106-CI-1150			Revision	2		

DATE PLOTTED: 6 June 2016 10:08 AM BY: NASIR AHMED

XREF: X-59915106-CI-CLIENT LOGO; X-59915106-CI-SURVEY; X-59915106-CI-SITE BOUNDARY; X-59915106-CI-CIVIL WORKS; X-59915106-CI-DRAINAGE  
 CAD File: N:\Projects\59915106-CI-Site Boundary\Drawings\59915106-CI-1300-1301.dwg



**NOTE**  
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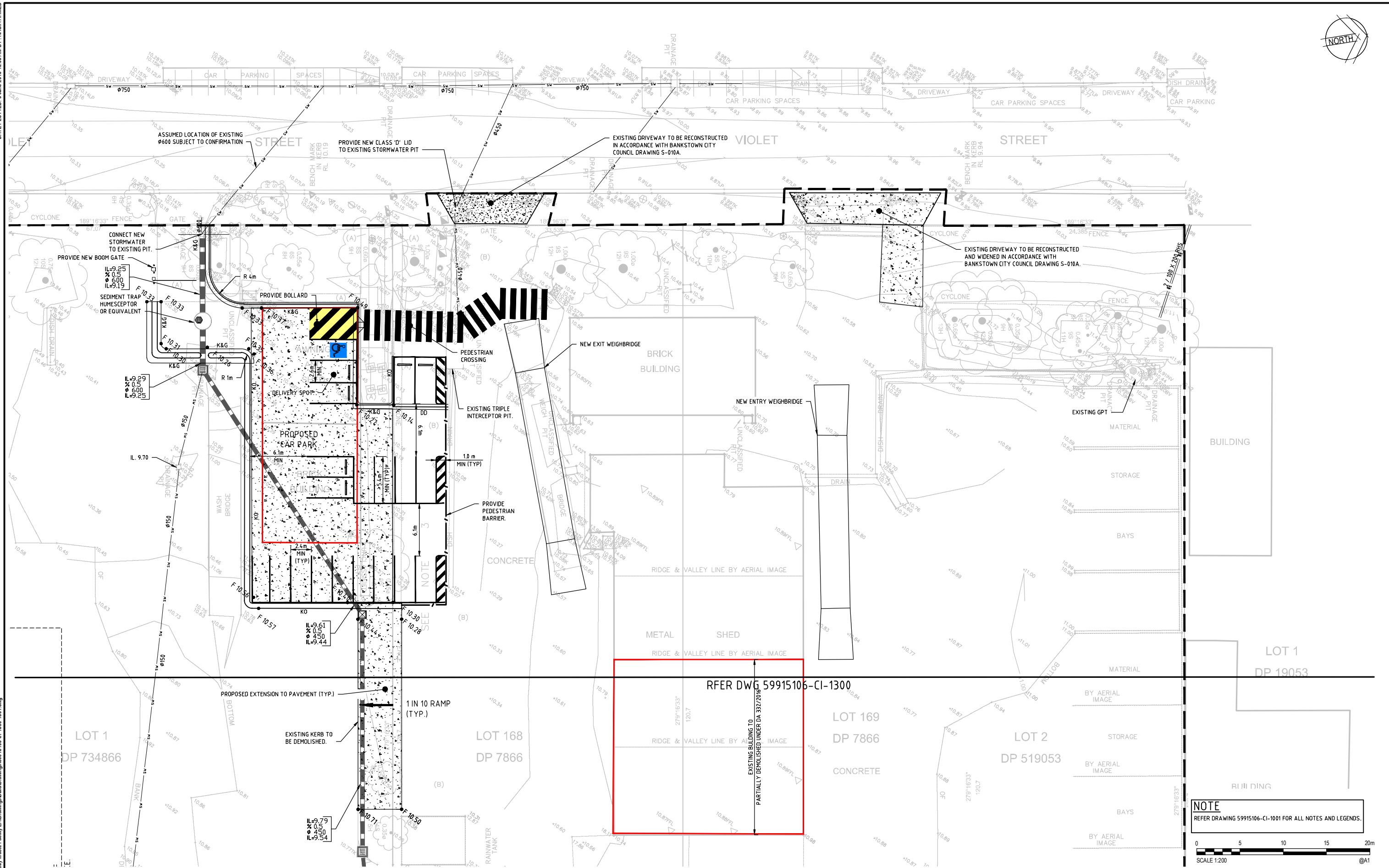


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NJA	22/04/2016	ENVIRO RECYCLING
Checked	Date	Project
SEG	22/04/2016	WASTE RECYCLING FACILITY
Designed	Date	NOS 51 & 57 VIOLET STREET, REVESBY
SEG	18/04/2016	
Verified	Date	Title
RPL	27/04/2016	SITE WORKS AND STORMWATER PLAN
Approved	Date	SHEET 1
SEG	28/04/2016	

Status	PRELIMINARY		
NOT TO BE USED FOR CONSTRUCTION PURPOSES			
Datum	Date	Scale	Size
A.H.D.	MAR-16	1:200	A1
Drawing Number	59915106-CI-1300		Revision
			2

Rev.	Date	Description	Des.	Verif.	Appd.
2	17/05/2016	ISSUED FOR APPROVAL		MV	RPL SEG
1	28/04/2016	ISSUED FOR CLIENT REVIEW		MV	RPL SEG

DATE PLOTTED: 6 June 2016 10:08 AM BY: NASIR AHMED



**NOTE**  
REFER DRAWING 59915106-CI-1001 FOR ALL NOTES AND LEGENDS.

SCALE 1:200

XREF: X-59915106-CI-CLIENT LOGO; X-59915106-CI-SURVEY; X-59915106-CI-SITE BOUNDARY; X-59915106-CI-CIVIL WORKS; X-59915106-CI-DRAINAGE; CAD File: N:\Projects\59915106\_Civil\Drawings\59915106-CI-1300-1301.dwg

Rev.	Date	Description	Des.	Verif.	Appd.
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1	28/04/2016	ISSUED FOR CLIENT REVIEW	MV	RPL	SEG

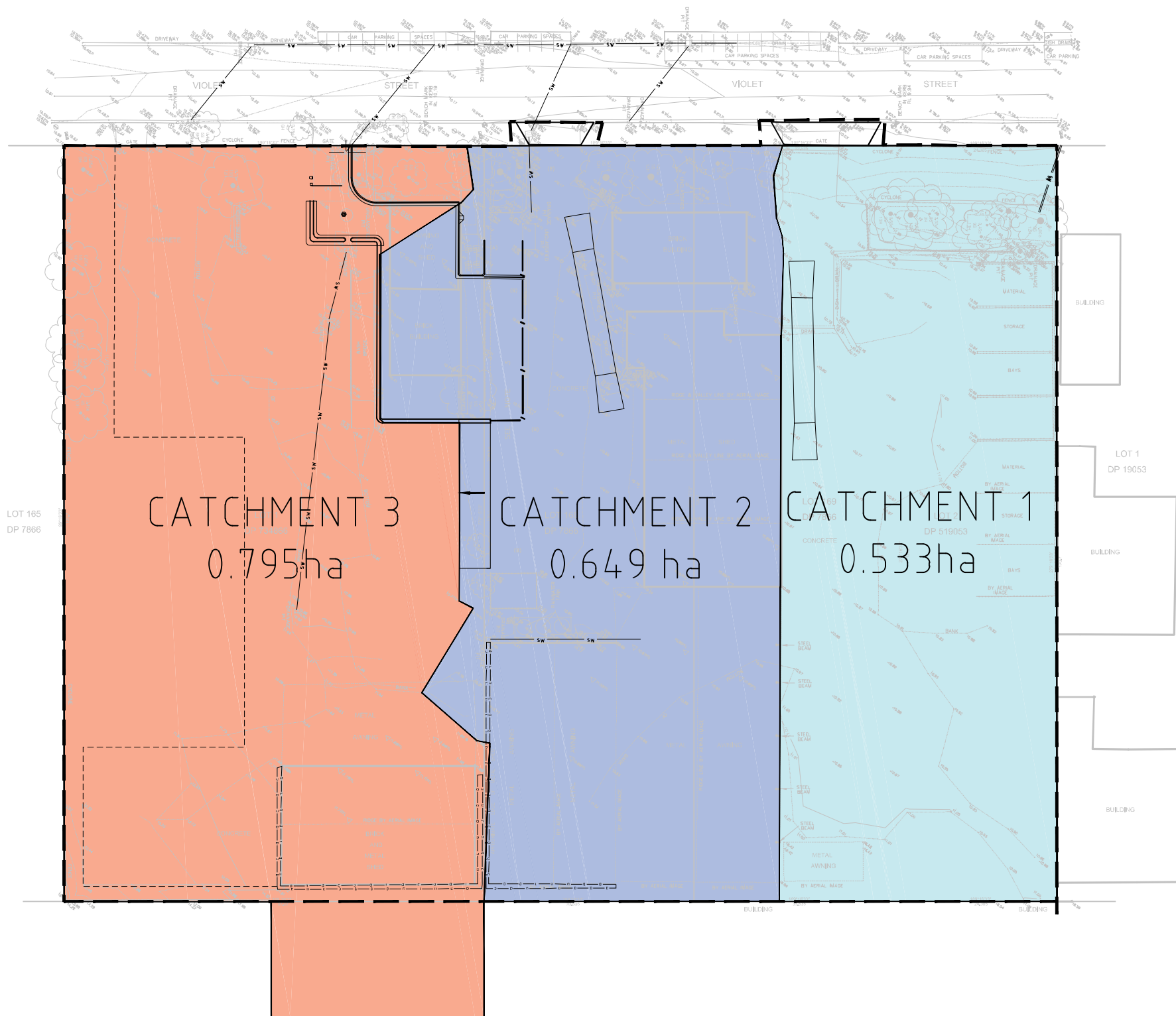


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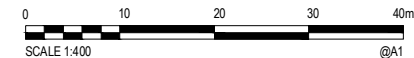
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Drawn	Date	Client
NJA	22/04/2016	ENVIRO RECYCLING
Checked	Date	Project
SEG	22/04/2016	WASTE RECYCLING FACILITY
Designed	Date	NOS 51 & 57 VIOLET STREET, REVESBY
SEG	18/04/2016	
Verified	Date	Title
RPL	27/04/2016	SITE WORKS AND STORMWATER PLAN
Approved	Date	SHEET 2
SEG	28/04/2016	

Status	<b>PRELIMINARY</b>		
NOT TO BE USED FOR CONSTRUCTION PURPOSES			
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			2



**NOTE**  
REFER DRAWING 59915106-CI-1001 FOR ALL NOTES AND LEGENDS.



Rev.	Date	Description	Des.	Verif.	Appd.
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1	28/04/2016	ISSUED FOR CLIENT REVIEW		MV	RPL SEG



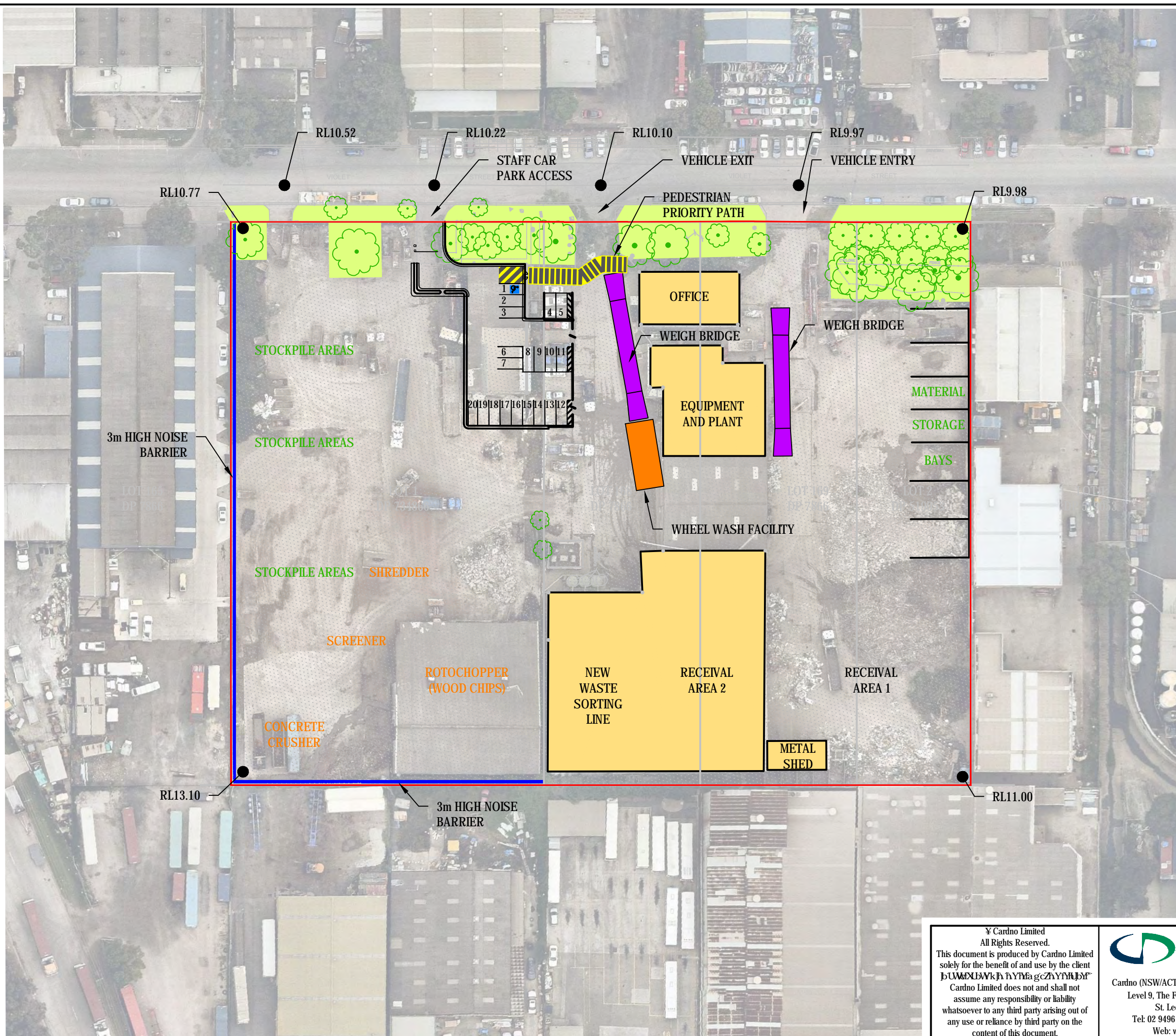
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Drawn	NJA	Date	22/04/2016
Checked	SEG	Date	22/04/2016
Designed	SEG	Date	18/04/2016
Verified	RPL	Date	27/04/2016
Approved		Date	
SEG		Date	28/04/2016

Client	ENVIRO RECYCLING
Project	WASTE RECYCLING FACILITY NOS 51 & 57 VIOLET STREET, REVESBY
Title	CATCHMENT PLAN

Status	<b>PRELIMINARY</b>				
NOT TO BE USED FOR CONSTRUCTION PURPOSES					
Datum	A.H.D.	Date	MAR-16	Scale	1:400
Drawing Number	59915106-CI-1500			Size	A1
Revision					2



### LEGEND

- SITE BOUNDARY
- 3m HIGH NOISE BARRIER
- TREES
- LAWN AREAS
- WEIGH BRIDGES
- WHEEL WASH FACILITY
- EXISTING BUILDINGS
- EXISTING PAVED AREAS
- RL9.99 REDUCED LEVEL

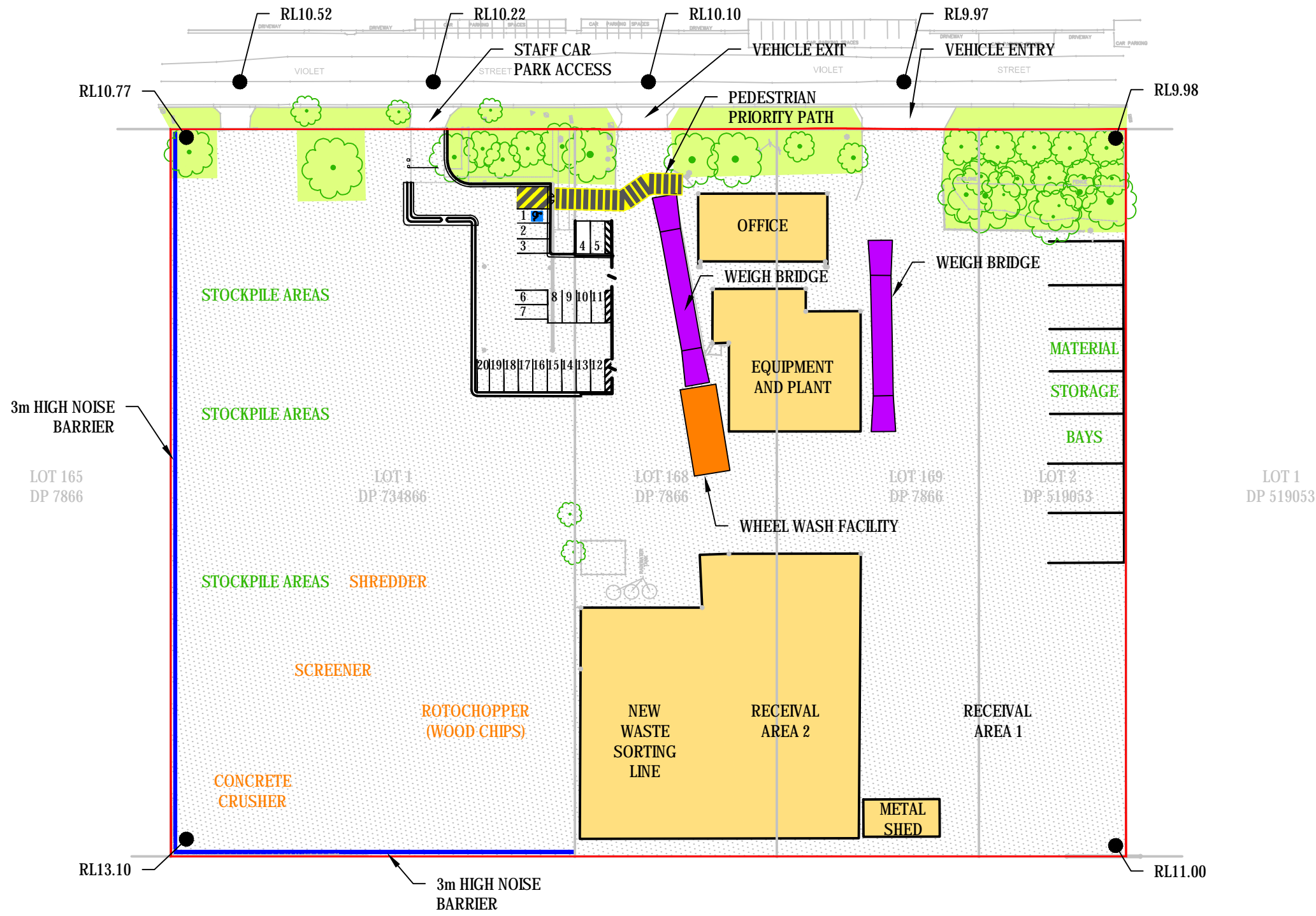


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<b>ENVIRO RECYCLING</b> WASTE RECYCLING FACILITY NOS 51 & 57 VIOLET STREET, REVESBY				
FINAL SITE LAYOUT				
Datum	Date	Scale	Size	
A.H.D.	17/08/2016	N.T.S.	A3	
Drawing Number 59915106-CI-SK-0001				Revision 4



### LEGEND

- SITE BOUNDARY
- 3m HIGH NOISE BARRIER
- TREES
- LAWN AREAS
- WEIGH BRIDGES
- WHEEL WASH FACILITY
- EXISTING BUILDINGS
- EXISTING PAVED AREAS
- RL9.99 REDUCED LEVEL



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59915106-CI-SK-0001			4															