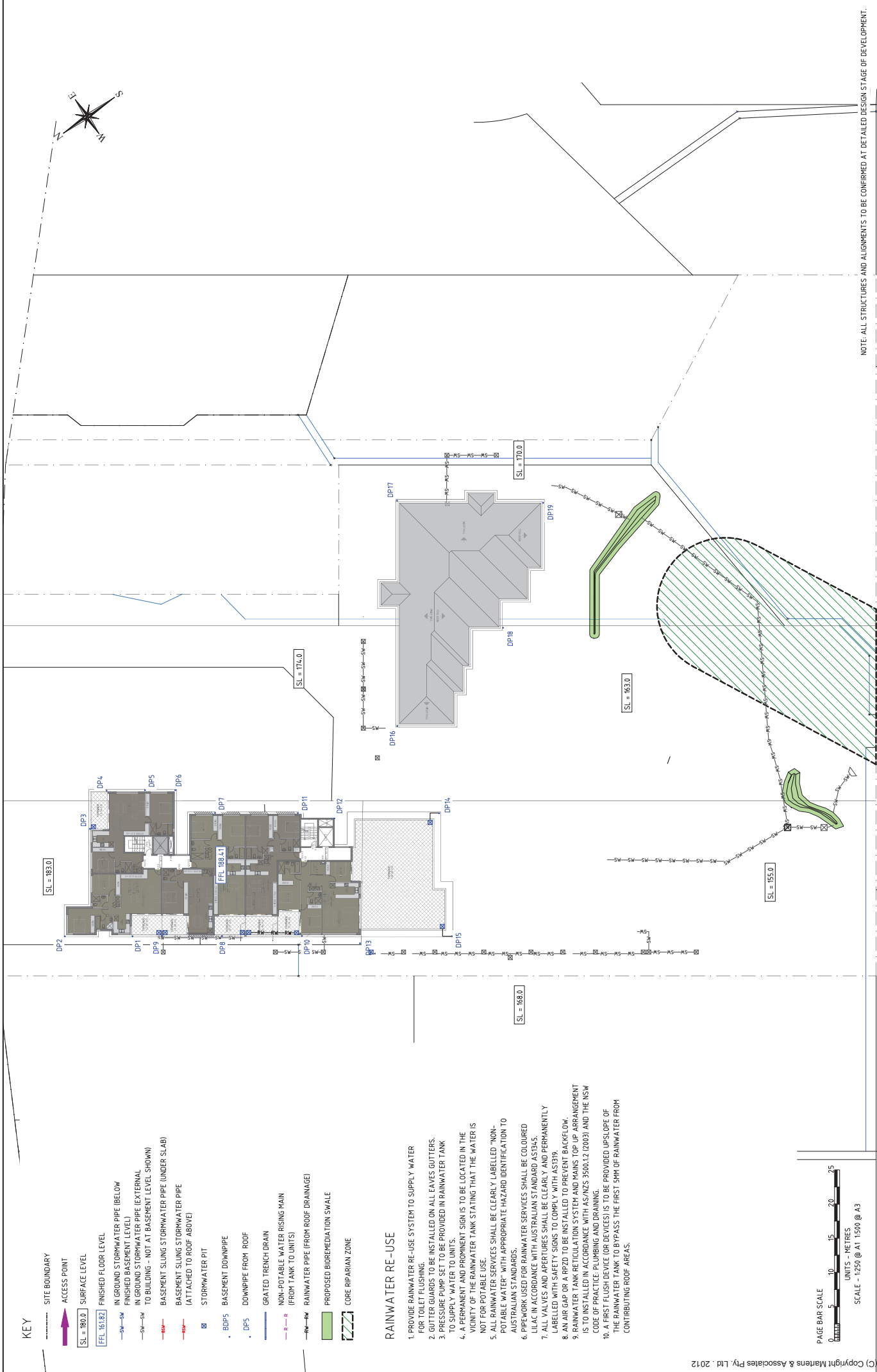
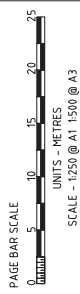
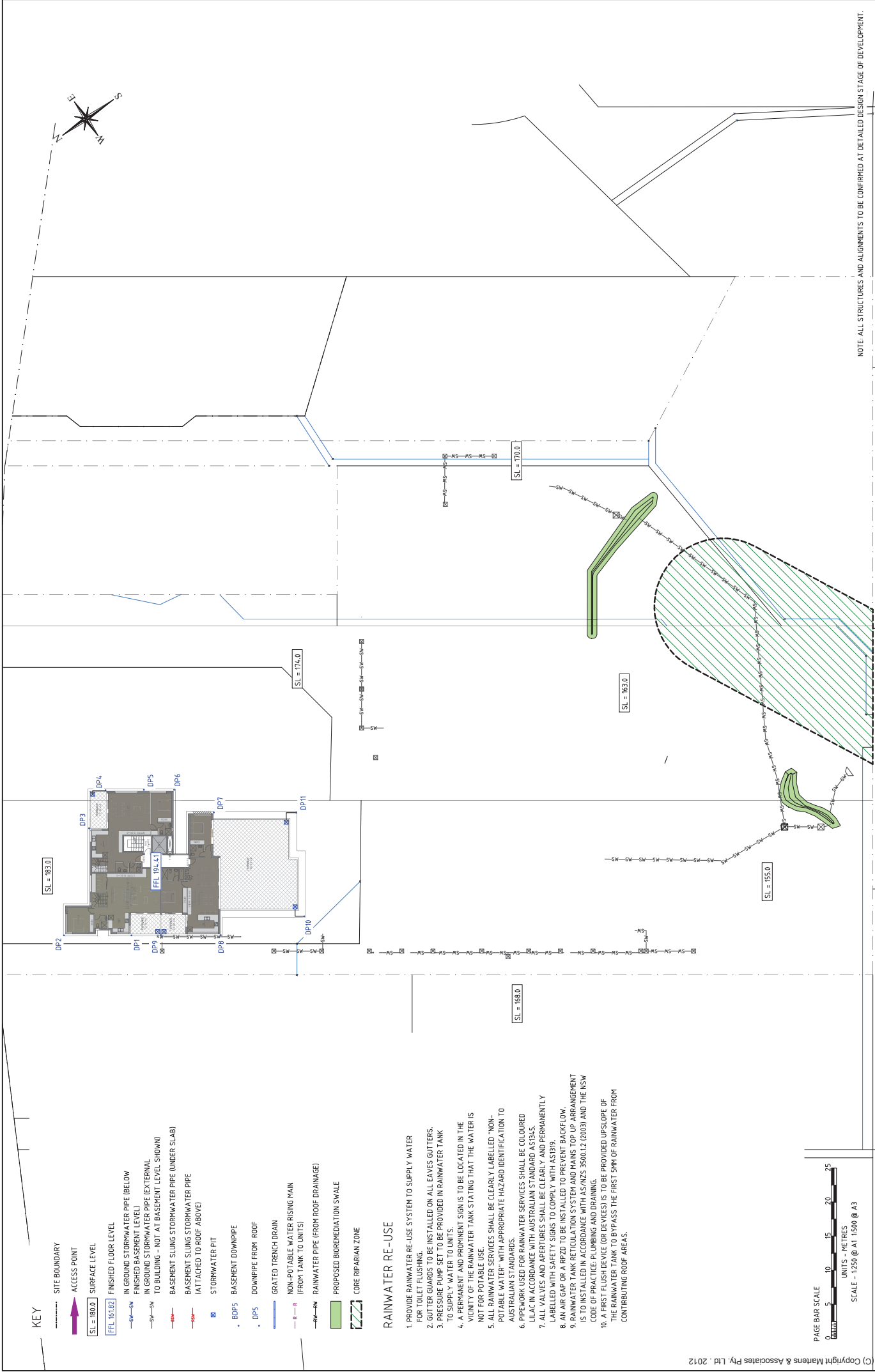








MARTENS & ASSOCIATES PTY LTD Sustainable Solutions Environmental - Geotechnical - Civil Hydraulic - Wastewater Engineers 6/21 Leighton Place Hornsby NSW 2077 Australia Phone: (02) 8476 9999 Email: info@martens.com.au Internet: info@martens.com.au		CLIENT/PROJECT MACKENZIE ARCHITECTS / PACIFIC HWY TURRAMURRA		TITLE CONCEPT STORMWATER MANAGEMENT AND SEDIMENT EROSION CONTROL PLAN SET STORMWATER LAYOUT BUILDING LEVEL 194.41		DESIGNED: MMD		DATE/AM HORIZONTAL RATIO OF 24 SHEETS		REV. DESCRIPTION 1 DRAFT PLAN SET 2 REVISED LAYOUT - AUGUST 2012		DATE 26.10.2012 01		ISSUED	
PROJECT MANAGER: GRANT TAYLOR		DRAWING NUMBER: P1002932.008/002		PAPER SIZE: A1 / A3		VERTICAL RATIO 1:250 @ A1 1:500 @ A3		SHEET 15							
THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY APPROVED BY THE PROJECT MANAGER. All measurements in mm unless otherwise specified.															

KEY

- SITE BOUNDARY
- ACCESS POINT
- SL = 180.0 SURFACE LEVEL
- FEL 161.82 FINISHED FLOOR LEVEL
- IN GROUND STORMWATER PIPE (BELOW FINISHED BASEMENT LEVEL)
- IN GROUND STORMWATER PIPE (EXTERNAL TO BUILDING - NOT AT BASEMENT LEVEL SHOWN)
- BASEMENT SLUNG STORMWATER PIPE (UNDER SLAB)
- BASEMENT SLUNG STORMWATER PIPE (ATTACHED TO ROOF ABOVE)
- STORMWATER PIT
- BDPS
- BASEMENT DOWNPIPE
- DOWNPIPE FROM ROOF
- GRATED TRENCH DRAIN
- NON-POTABLE WATER RISING MAIN (FROM TANK TO UNITS)
- RAINWATER PIPE (FROM ROOF DRAINAGE)
- PROPOSED BIOREMEDIATION SWALE
- CORE RIPARIAN ZONE

RAINWATER RE-USE

1. PROVIDE RAINWATER RE-USE SYSTEM TO SUPPLY WATER FOR TOILET FLUSHING.
2. GUTTER GUARDS TO BE INSTALLED ON ALL EAVES GUTTERS.
3. PRESSURE PUMP SET TO BE PROVIDED IN RAINWATER TANK TO SUPPLY WATER TO UNITS.
4. A PERMANENT AND PROMINENT SIGN IS TO BE LOCATED IN THE VICINITY OF THE RAINWATER TANK STATING THAT THE WATER IS NOT FOR POTABLE USE.
5. ALL RAINWATER SERVICES SHALL BE CLEARLY LABELLED "NON-POTABLE WATER" WITH APPROPRIATE HAZARD IDENTIFICATION TO AUSTRALIAN STANDARDS.
6. PIPEWORK USED FOR RAINWATER SERVICES SHALL BE COLOURED LILAC IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1345.
7. ALL VALVES AND APERTURES SHALL BE CLEARLY AND PERMANENTLY LABELLED WITH SAFETY SIGNS TO COMPLY WITH AS1319.
8. AN AIR GAP OR A RP220 TO BE INSTALLED TO PREVENT BACKFLOW.
9. RAINWATER TANK RETICULATION SYSTEM AND MAINS TOP UP ARRANGEMENT IS TO BE INSTALLED IN ACCORDANCE WITH AS/NZS 3500.12 (2003) AND THE NSW CODE OF PRACTICE: PLUMBING AND DRAINING.
10. A FIRST FLUSH DEVICE (OR DEVICES) IS TO BE PROVIDED UPSLOPE OF THE RAINWATER TANK TO BYPASS THE FIRST 5MM OF RAINWATER FROM CONTRIBUTING ROOF AREAS.



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CLIENT/PROJECT
MACKENZIE ARCHITECTS /
PACIFIC HWY TURRAMURRA

THIS PLAN MUST NOT BE USED FOR CONSTRUCTION UNLESS
SIGNED AS APPROVED BY PRINCIPAL CERTIFYING AUTHORITY
AT THESE SCALES 1:100, 1:250, 1:500 AND 1:1000.

TITLE
CONCEPT STORMWATER MANAGEMENT AND SEDIMENT EROSION CONTROL PLAN SET
STORMWATER LAYOUT BUILDING LEVEL 197.4.1

PROJECT MANAGER:
GRAY TAYLOR

DRAWING NUMBER:
P1002932.008/002

REV.	DESCRIPTION	SHEET	DATE	ISSUED
1	DRAFT PLAN SET	16	26.10.2010	GT
2	REVISED LAYOUT - AUGUST 2012	OF 24 SHEETS	28.08.2012	GT
		HORIZONTAL RATIO	VERTICAL RATIO:	PAPER SIZE:
		1:250 @ A1	1:500 @ A3	A1 / A3
		1:500 @ A3	1:500 @ A3	

NOTE: ALL STRUCTURES AND ALIGNMENTS TO BE CONFIRMED AT DETAILED DESIGN STAGE OF DEVELOPMENT.

