

NOTES:
1. REFER TO LANDSCAPE PLANS FOR TREES TO BE REMOVED AND TREES TO BE RETAINED AND DETAILS OF TREE PROTECTION FENCING.

EROSION AND SEDIMENT CONTROL NOTES

GENERAL INSTRUCTIONS

- ALL REFERENCES OF DETAILS, TESTING AND PROCEDURES ARE TO BE FOLLOWED AS SPECIFIED IN THE DEPARTMENT OF HOUSING 'MANAGING URBAN STORMWATER SOILS AND CONSTRUCTION' MANUAL (MARCH 04). IN PARTICULAR, THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENT OF SECTION 9.1 OF THE ABOVE DOCUMENT.
- THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE ENGINEERING PLANS, AND ANY OTHER PLANS OR WRITTEN INSTRUCTIONS THAT MAY BE ISSUED AND RELATING TO DEVELOPMENT AT THE SUBJECT SITE.
- THE CONTRACTOR WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS SHOWN IN THIS SPECIFICATION.
- ALL CONTRACTORS SHALL BE AWARE OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS.
- THESE PLANS PRESENT CONCEPTS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT & MANAGEMENT OF A DETAILED SCHEME MEETING COUNCIL'S APPROVAL.

CONSTRUCTION SEQUENCE

- THE SOIL EROSION POTENTIAL ON THIS SITE SHALL BE MINIMISED. INITIAL WORKS SHALL BE UNDERTAKEN IN THE FOLLOWING SEQUENCE PRIOR TO COMMENCING CONSTRUCTION -

- INSTALL ALL TEMPORARY SEDIMENT FENCES.
- CONSTRUCT TEMPORARY SITE ACCESS.
- INSTALL SEDIMENT TRAPS.
- INSTALL TREE PROTECTION FENCING.

EROSION CONTROL

- AT ALL TIMES AND IN PARTICULAR DURING WINDY AND DRY WEATHER, LARGE UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.

SEDIMENT CONTROL

- 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/STABILISED 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 STABILISED/REHABILITATED.

OTHER MATTERS

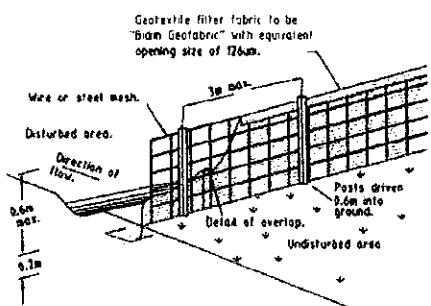
- ACCEPTABLE RECEPTORS WILL BE CONSTRUCTED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
- ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
 - PROTECTING THEM WITH BARRIER FENCING OR 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 15 PLACED UNDER ALL FLL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH
 - CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.

SITE INSPECTION & MAINTENANCE

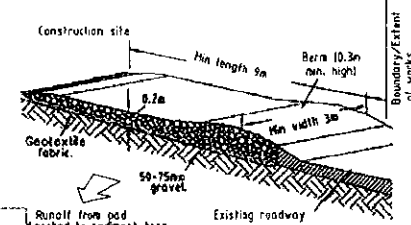
- ALLOW FOR GRASS STABILISATION OF UNSTABLE AREAS, OPEN CHANNELS AND ROCK BATTERS AS AND WHERE DIRECTED.
- ALLOW FOR ESTABLISHMENT OF OTHER EROSION PROTECTION MEASURES AS DIRECTED.
- RECEPTORS FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER ARE TO BE EMPTIED AS NECESSARY. DISPOSAL OF WASTE SHALL BE IN A MANNER APPROVED BY THE SITE SUPERINTENDENT.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED TO ENSURE THAT THEY OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN REGULARLY AND AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.
- THE CONTRACTOR SHALL PROVIDE ALL MONITORING CONTROLS & TESTING.

LEGEND

- INSTALL TEMPORARY SEDIMENT FENCE
- INSTALL TEMPORARY CONSTRUCTION FENCE 1800 HIGH
- CONSTRUCT TEMPORARY WASHDOWN AREA
- INSTALL SANDBAG SEDIMENT TRAP
- TREES



SEDIMENT FENCE



MAINTENANCE

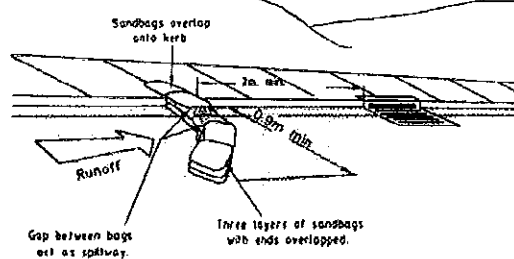
THE TEMPORARY ACCESS SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL GRAVEL AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY.

TEMPORARY SITE ACCESS

This Plan/Specification forms part of the certification for:

J1 0 0 1 4 5 0 5 APR 2010

VEGETATION BUFFER ZONE



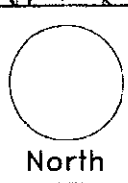
SANDBAG SEDIMENT TRAP FOR KERB INLET ON GRADE

NOTE:
THE CONTRACTOR SHALL NOT EXCAVATE EXISTING ROCK SHELVES OR BOULDERS WITHOUT THE SPECIFIC WRITTEN APPROVAL OF THE SUPERINTENDENT IN EACH INSTANCE.



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Revision	Amendment or reason for issue	Issue date	Drawing Completed by	Designed & checked by
B	RE-ISSUED FOR REVIEW	14.12.07	RAS	RPH
A	ISSUED FOR REVIEW	12.12.07	RAS	RPH
			Verified by	Issue authorised
			X = Not verified	(*)



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Project
ST. PATRICKS ESTATE MAINLY PRECINCTS 1 & 13 SITE 20-26

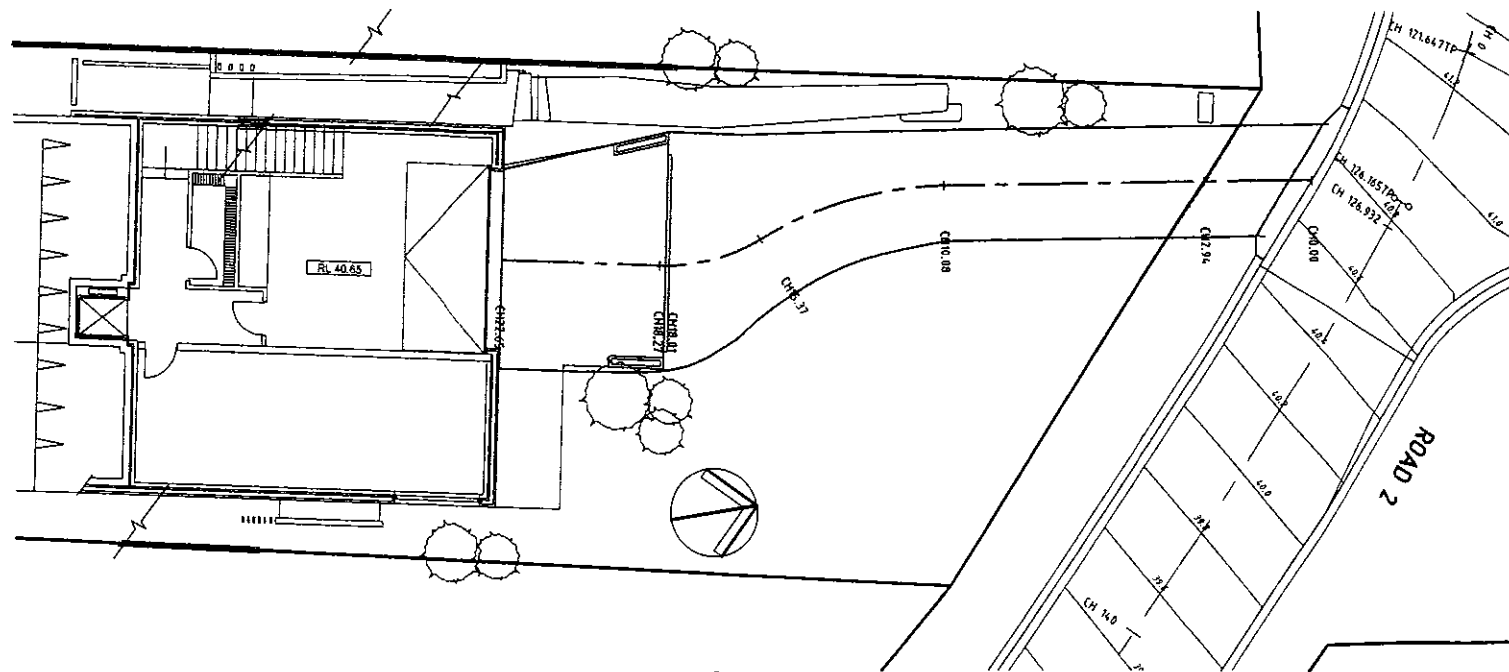
Client
LEND LEASE DEVELOPMENT
Architect / Project Manager
TONY CARO ARCHITECTURE

Drawing Title
EROSION AND SEDIMENT CONCEPT CONTROL PLAN, NOTES AND DETAILS

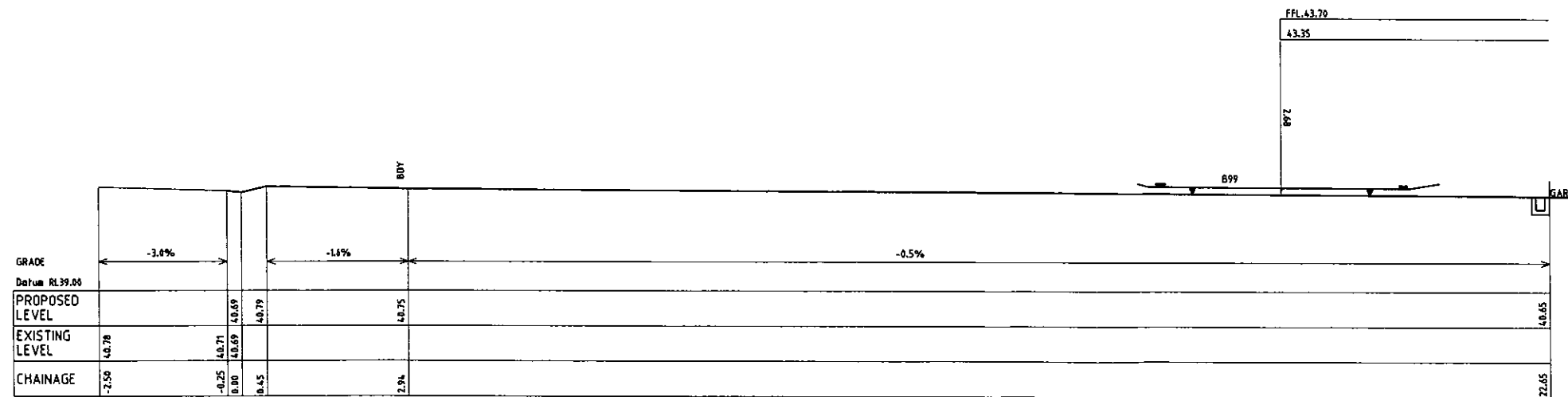
Scales
AS SHOWN

Drawing No.
02S259-DAC40

Client Project No.
Sheet 1 of 77
Revision B



PLAN
LOT 24
SCALE 1:100




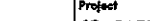
LONGITUDINAL SECTION
SCALE 1:50
DRIVEWAY LOT 24

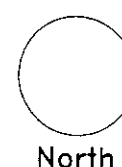
- NOTES:**
1. REFER TO ENGINEERING PLANS APPROVED BY DEVELOPMENT CONSENT No. 144/03 FOR DETAILS OF ACCESS ROAD.
 2. REFER TO LANDSCAPE PLANS FOR SURFACE FINISHES.
 3. STORMWATER DRAINAGE TO BE CONNECTED TO STORMWATER PIPELINE IN ACCESS ROAD.

This Plan/Specification forms
part of the certification for:
J1 0 0 1 45
06 APR 2010



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A ISSUED FOR REVIEW						13.12.07	RAS	RPH	X			Client LEND LEASE DEVELOPMENT		Scale AS SHOWN		Client Project No.													
Revision						Amendment or reason for issue						Issue date		Drawing Completed by		Designed & checked by		Verified by		Issue authorised (*)		Drawing No.		Sheet		Revision			
																								02S259-DAC42		3 of ??		A	



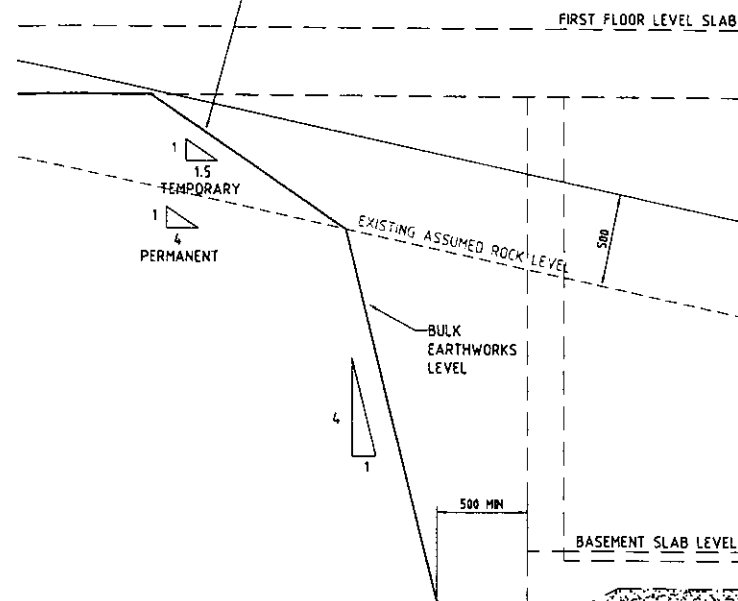
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Client
LEND LEASE DEVELOPMENT

Revision
3 of ??

SOIL BATTERS SHALL BE AVOIDED WHERE POSSIBLE ADJACENT TO RETAINED TRESS. THE EXCAVATION FACE SHALL BE LOCALLY STABILISED WITH GEOFABRIC OR SIMILAR PINNED TO THE EXCAVATION FACE.



TYPICAL BULK EARTHWORKS SECTION

1:20

NOTE: BATTERS NOT SHOWN ON PLAN FOR CLARITY

NOTE: THE CONTRACTOR SHALL CONFIRM THE FINAL BULK EXCAVATION LEVELS WITH LEND LEASE ONCE EXCAVATION REACHES WITHIN 500mm OF THE NOMINATED LEVELS. EXCAVATION OF THE FINAL 500mm SECTION SHALL NOT COMMENCE UNTIL CONFIRMATION HAS BEEN RECEIVED.

BULK EARTHWORK SECTIONS

BULK EARTHWORKS LEVELS FOR DRIVEWAY RAMP
BE. VARIES
FROM 400 BELOW TOP OF KERB TO BE. BASEMENT LEVEL

BULK EARTHWORKS LEVELS FOR BASEMENT LEVEL
200mm
- 100mm CONCRETE SLAB ON
- 80mm GRAVEL
- 20mm FALL

BULK EARTHWORKS LEVELS FOR LIFT SHAFT
680mm
- 500mm SHAFT DEPTH (T.B.C.)
- 100mm CONCRETE SLAB ON
- 80mm GRAVEL

BULK EARTHWORKS LEVELS FOR LEVEL 1 DECK/SLAB
180mm
- 100mm CONCRETE SLAB ON
- 80mm GRAVEL

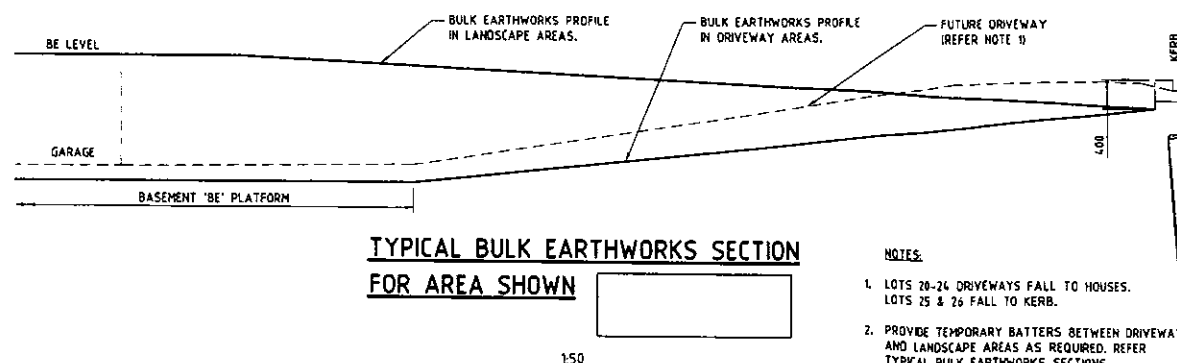
BULK EARTHWORKS LEVELS POOL
2000mm
- 1800mm POOL DEPTH
- 200mm CONCRETE SLAB

BULK EARTHWORKS LEVELS FOR POOL DECK
180mm
- 100mm CONCRETE SLAB ON
- 80mm GRAVEL

LANDSCAPE AREAS (GARDENS, TURF & PATHS)
REFER LANDSCAPE ARCHITECT PLANS

BULK EARTHWORKS TABLE

PLATFORM	DESCRIPTION	DEPTH FROM FFL	LOT 20 BE LEVEL	LOT 21 BE LEVEL	LOT 22 BE LEVEL	LOT 23 BE LEVEL	LOT 24 BE LEVEL	LOT 25 BE LEVEL	LOT 26 BE LEVEL
A	LIFT SHAFT	680mm	61.02	61.02	60.57	60.57	39.97	39.92	38.92



**TYPICAL BULK EARTHWORKS SECTION
FOR AREA SHOWN**

NOTES:

- LOTS 20-24 DRIVEWAYS FALL TO HOUSES. LOTS 25 & 26 FALL TO KERB.
- PROVIDE TEMPORARY BATTERS BETWEEN DRIVEWAY AND LANDSCAPE AREAS AS REQUIRED. REFER TYPICAL BULK EARTHWORKS SECTIONS.



North

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Project
ST. PATRICKS ESTATE MANLY
PRECINCTS 1 & 13 SITE 20-26

Client
LEND LEASE DEVELOPMENT
Architect / Project Manager
TONY CARO ARCHITECTURE

Drawing Title
BULK EARTHWORKS PLAN

Scale
1:200
Drawing No.
02S259-C200
Client Project No.
Sheet
1 of 1
Revision
0

Revision	Amendment or reason for issue	Issue date	Drawing Completed by	Designed & dwg. checked by	Verified by X = Not verified	Issue authorised (*)
0	ISSUED FOR CONSTRUCTION	26.03.10	RAS	RPH	X	
B	RE-ISSUED FOR REVIEW	11.12.09	RAS	RPH	X	
A	ISSUED FOR REVIEW	26.11.09	RAS	RPH	X	

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