

Thatcher
homes

Prepared by
THATCHER HOMES P/L
 A.B.N. 97 117 258 652
 109 Palmer St Woolloomooloo 2011
 Ph. 9357 2641 Mob. 0411 614112

THORNTON
 Lot 2213
 William Hart Crescent
 NOTIFICATION PLAN

Date: 15/4/14
 Scale: 1:200 @ A4
 THORNTON 2213.DA.0

The following have been identified as significant environmental aspects for the site:
 - Noise
 - Dust
 - Erosion and Sediment
 - Waste
 These aspects shall be managed with the environmental protection measures outlined on this plan.

Management

1. Responsibilities: Construction manager, Michael Bianco to be responsible for implementation of all EMP measures	4. Staging of Works: N/A
Emergency contact 1: Michael Bianco 0418 299996 Emergency contact 2: Paul Jumikis 0411 614112	
2. Communication of Site EMP Requirements: This plan to be posted in site office All personnel to be informed of EMPs upon site induction	5. Informing Residents: N/A
3. Inspections and Maintenance Integrity of silt fence and gravel sausages to be inspected daily. After rain, effectiveness of silt fence and gravel sausages to be checked and system repaired or augmented as required	6. Associated documents:

Noise Risk: Significant
 Requirement: EPA and Council requirements must be adhered to in relation to the level of noise and working hours, to ensure that residents and other applicable neighbours to the site are not disturbed unreasonably. The generation of noise must be minimised.

7. Working hours: Mon-Fri 7:00am - 5:00pm Sat 7:00am - 12:00pm No construction activities Sunday or Public Holidays	8. Noise Minimisation Methods: Noise generated not to exceed limits specified in Protection of Environment Act 1997	9. Other:
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Dust Risk: Significant
 Requirement: Litter and waste must be contained on site before disposal in a responsible manner. Waste generation must be minimised.

10. Minimising Dust Generation: Site levelling activities not to proceed during wind speeds > 30kph	12. Contingencies: Halt works where excessive dust generated
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11. Dust Suppression: Hand held hose adjacent to site levelling equipment	13. Other
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Erosion and Sediment Risk: Significant
 Requirement: Erosion and Sediment must be managed in accordance with current best practice environmental management practices to prevent sediment laden water from entering any drainage system or natural waterway.

14. Drainage Management: On site runoff flows toward site frontage Provide silt fence as marked Provide gravel sausages as marked	17. Sediment Traps (sediment retention devices): N/A
15. Soil Stabilisation During construction: N/A Post construction: Landscaping as per Landscape plan	18. Dewatering: N/A

16. Stockpile Management: Provide silt fence to stockpiles as required	19. Vehicle and Road Management: Site access: Provide rubble access driveway as marked Cleaning Vehicles: Scrape/ brush tyres manually Street Cleaning: Scrape/sweep manually
20. Other:	

Waste Risk: Significant
 Requirement: Litter and waste must be contained on site before disposal in a responsible manner. Waste generation must be minimised.

21. Movement of Soil: Off site Contaminant Status: Clean fill	23. Waste Storage and Disposal: Skip for general waste as marked removed as required Recycling bins as marked removed weekly by Council Metal scrap stockpile removal as required Solid waste stockpile as marked
22. Waste Minimisation Methods: Rubble to be reused around footings Recycling receptacles to be provided for metal, paper, glass and plastic waste	24. Other:

Chemicals Risk: Low
 Requirement: Storage and spill management practices must be implemented to ensure that no environmental damage can result from the escape or spillage of chemicals or fuels.

25. Storage:	27. Refuelling Procedure:
26. Spill Management:	28. Other:

SITE S.E.C.P. A2 PLAN (1) – TYPES AND LOCATIONS OF ENVIRONMENTAL PROTECTION MEASURES

Environmental protection measures shall be constructed in accordance with the following designs:

EROSION CONTROL NOTES:

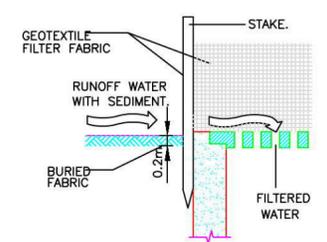
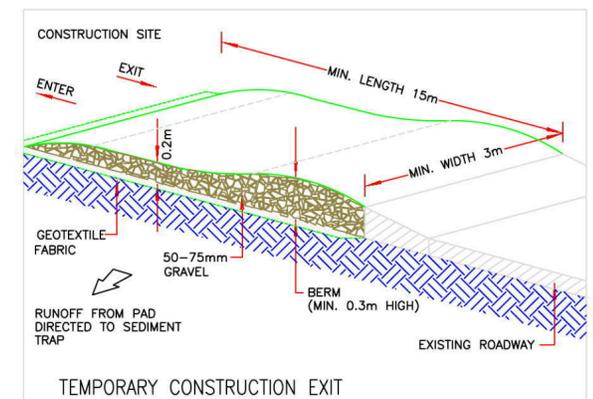
1. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED PRIOR TO SITE DISTURBANCE AND TO BE INSPECTED AND MAINTAINED DAILY BY SITE MANAGER.
2. STRIPPING OF GRASS AND VEGETATION ETC. FROM SITE SHALL BE KEPT TO A MINIMUM.
3. TOPSOIL FROM ALL AREAS THAT WILL BE DISTURBED TO BE STRIPPED AND STOCKPILED AND TO BE KEPT CLEAR FROM DRAINS, GUTTERS AND FOOTPATHS.
4. DRAINAGE IS TO BE CONNECTED TO STORMWATER SYSTEM AS SOON AS POSSIBLE.
5. ROADS AND FOOTPATH TO BE SWEEP DAILY
6. ALL SEDIMENT CONTROL STRUCTURES TO BE INSPECTED AFTER EACH RAINFALL EVENT FOR STRUCTURAL DAMAGE AND ALL TRAPPED SEDIMENT TO BE REMOVED TO A DESIGNATED SOIL STOCKPILE.

SILT FENCES

- SLOPING OR STEEP UNEVEN TERRAIN
 - CONSIST OF A FILTER FABRIC ('GEOTEXTILE FILLER'), ATTACHED TO A STEEL WIRE OR CABLE, WHICH IS SUPPORTED ON 900mm LONG STEEL OR WOODEN POSTS AT 2.5-3m CENTRES.
 - THE LOWER END OF THE FABRIC IS EMBEDDED INTO THE GROUND, AS SHOWN IN FIGURE 1.
 - GENERALLY FOLLOW THE CONTOURS OF THE LAND.

SILTATION MANAGEMENT PROCEDURE

1. ERECT SILT FENCE & GRAVEL DRAIN
2. DEMOLISH EXISTING BUILDING
3. EXCAVATE BASEMENT AND PLACE TEMPORARY PUMPOUT SEDIMENT PIT
4. FINISH CONSTRUCTION
5. SILT FENCE AND GRAVEL DRAIN ARE NOT TO BE REMOVED UNTIL CONSTRUCTION IS COMPLETE AND GARDEN HAS BEEN FULLY REVEGETATED



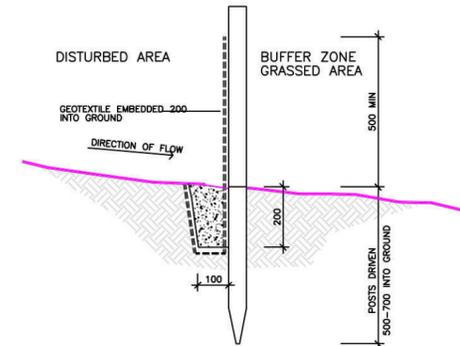
SEDIMENT BARRIER AROUND PIT

SCALE 1:20

CONSTRUCTION NOTES:

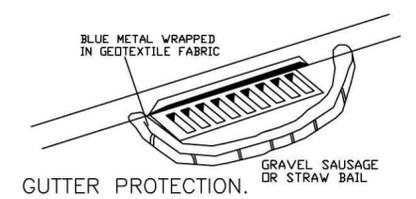
1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE
2. SUPPORT GEOTEXTILE WITH MESH TIED TO POSTS AT 1 METRE CENTRES.
3. DO NOT COVER INLET WITH GEOTEXTILE.

NOTE:
 CONCRETE TRENCH WITH GALVANISED STEEL GRATING MAY BE SUBSTITUTED FOR U.V. STABILISED POLYPROPYLENE U CHANNEL & GRATE SUBJECT TO ENGINEERS APPROVAL

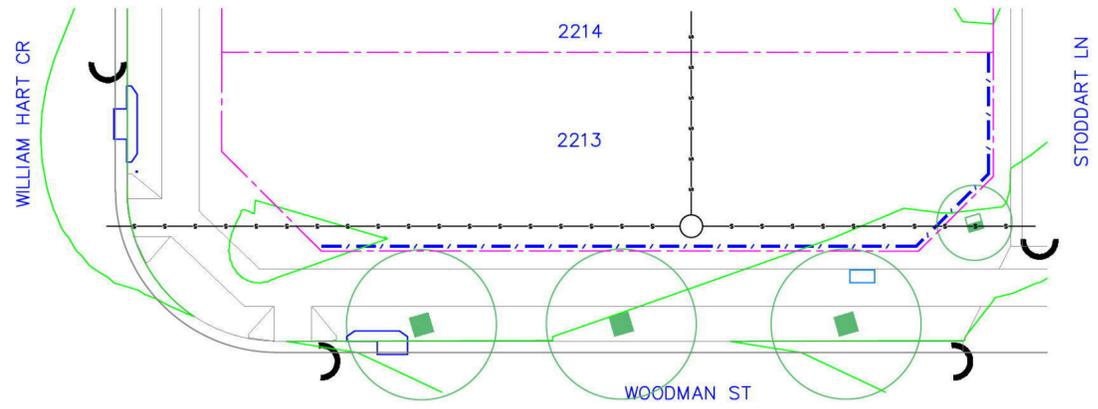


GEOTEXTILE LINED 'SILT' FENCE

SCALE 1:10



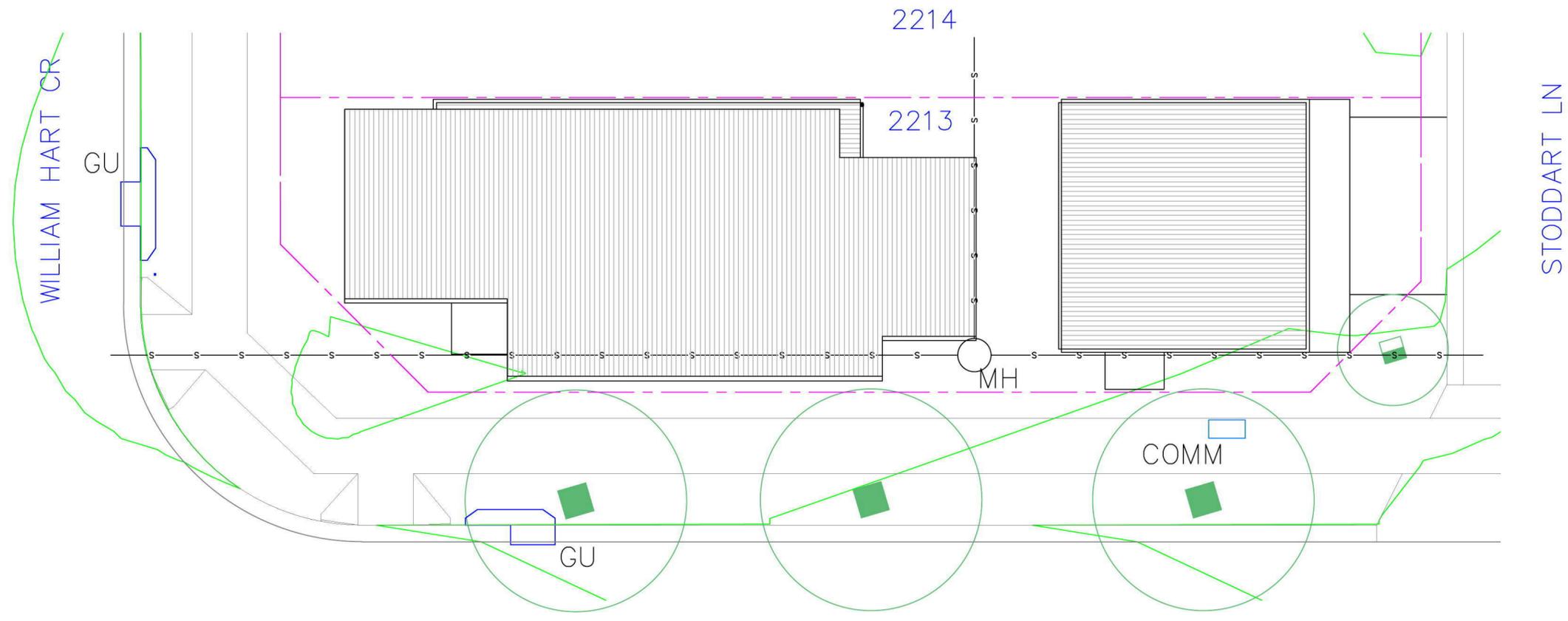
GUTTER PROTECTION.



SITE PLAN

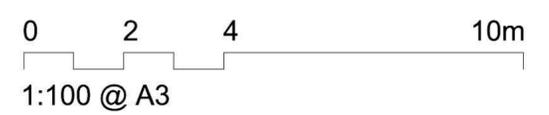
Significant Flora/Fauna Risk: Low Requirement: All significant flora and fauna on and adjacent to the site must be protected.	Archaeological/Heritage Risk: Low Requirement: Places, sites and objects of archaeological or heritage significance must be protected.
29. Yes/No. Details:	30. Yes/No. Details:

Rev	Date	Amendment:
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LEGEND

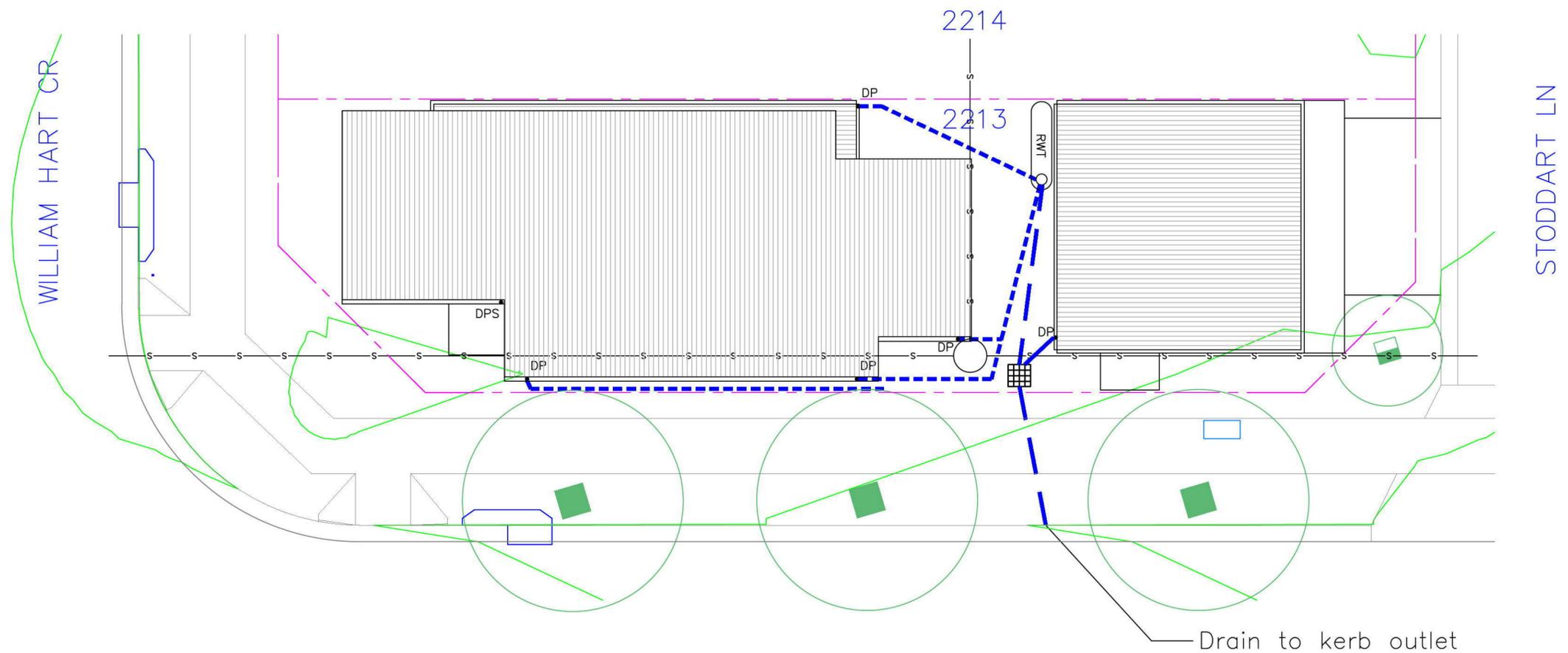
ELEC	ELCTRICITY COVER
FH	FIRE HYDRANT
GU	GULLY
COMM	COMMS PIT
LP	LAMP POST
SP	SIGN POST
SV	STOP VALVE



Prepared by
THATCHER HOMES P/L
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109 Palmer St Woolloomooloo 2011
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THORNTON
Lot 2213
William Hart Crescent
SITE & ROOF PLAN

Date: 15/4/14
Scale: 1:100 @ A2
THORNTON 2213.DA.4

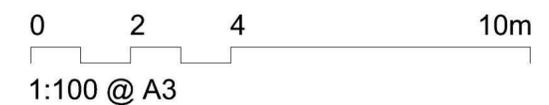


KEY

DP	Downpipe	$\times 51.77$	Existing ground level
DPS	Downpipe with Spreader	52	Existing contour level
	300 x 300 Stormwater pit	—s—s—	Sewer
	600 x 600 Stormwater pit		
CL: 52.00	Pit lid level		
IL: 51.70	Pit invert level		
FL: 28.74	Finished ground floor level		
	100mm dia. charged UPVC Rainwater pipe		
	100mm dia. UPVC Stormwater pipe @ 1% min.		
	Existing Kerb Outlet 10mm above gutter invert		

LEGEND

ELEC	ELECTRICITY COVER
FH	FIRE HYDRANT
GU	GULLY
IC	INSPECTION COVER
LP	LAMP POST
MH	MANHOLE
SP	SIGN POST
SV	STOP VALVE



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THORNTON
 Lot 2213
 William Hart Crescent
 STORMWATER CONCEPT PLAN

Date: 15/4/14
 Scale: 1:100 @ A2
 THORNTON 2213.DA.3

Lot 2217

PLANT SCHEDULE Prepared by ecodeign Pty Ltd

SYMBOL	BOTANICAL NAME	COMMON NAME	QUANTITY	POT SIZE	MATURE SIZE
Lwf	Liriope muscari 'Monroe's White'	Liriope (white flowering)	16	200mm	0.45m
Mcd	Malus 'Cinzam Cinderlla'	Dwarf Crab Apple	1	75L	3m
Vo	Viburnum odoratissimum	Sweet Viburnum	7	200mm	2.5m
Vh	Viola hederacea	Native Violet	20	150mm	0.1m

STODDARD LANE - Supply + installation by BUILDER

SYMBOL	BOTANICAL NAME	COMMON NAME	QUANTITY	POT SIZE	MATURE SIZE
Lix	Lagerstroemia 'Sioux'	Crepe Myrtle	1	25L	4m
Lcj	Lomandra confertifolia 'Crackerjack'	Fine-leaved Lomandra	3	140mm	0.45m

STODDARD LANE CROSS-OVER - Supply + construction by BUILDER

MATERIAL SCHEDULE

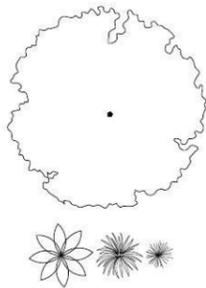
	Area m ² URBANGROWTH*	Area m ² BUILDER*
HEADER COURSE		
Concrete pavers 'Adbri Quartzstone', 300x300x50mm in 'Cradle' colour, laid in stackbond pattern	4.46	1.29
IN-FILL PAVEMENT		
Concrete pavers 'Adbri Havenbrick', 200x100x50mm in 'Brushwood' colour, laid in herringbone pattern	0.00	0.00
Total area	4.46	1.29

*Area's outside of the allotment boundary. **Area's inside of the allotment boundary

LOT PLANTING SUMMARY

Total Plants	Total Fence Hedging	Street Planting	Other Shrubs/ground-covers	Total Trees
44	7	0	37	1

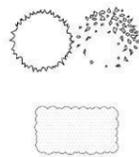
Minimum of 1 tree and 20 shrubs / groundcovers to each front / side yard (excluding fence hedging)



LEGEND

Proposed trees - refer to plant schedule

Proposed accents & grasses - refer to plant schedule



Proposed shrubs - refer to plant schedule

Proposed groundcovers and grasses - refer to plant schedule



Existing levels

Proposed levels

Proposed Top Of Wall levels



Boundary



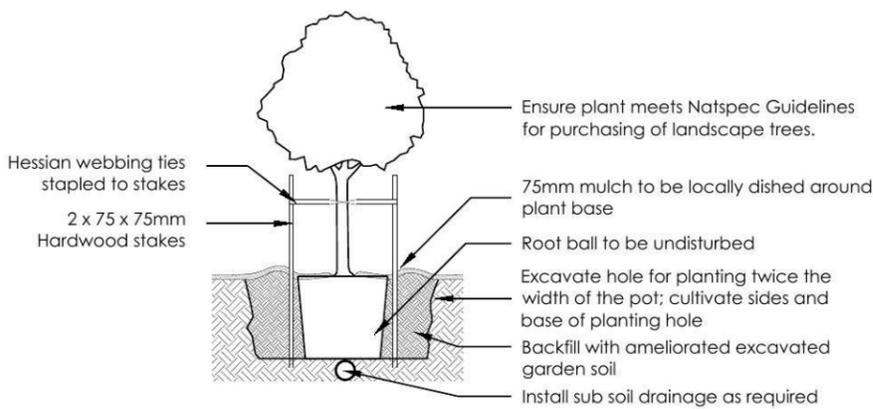
Garden edging



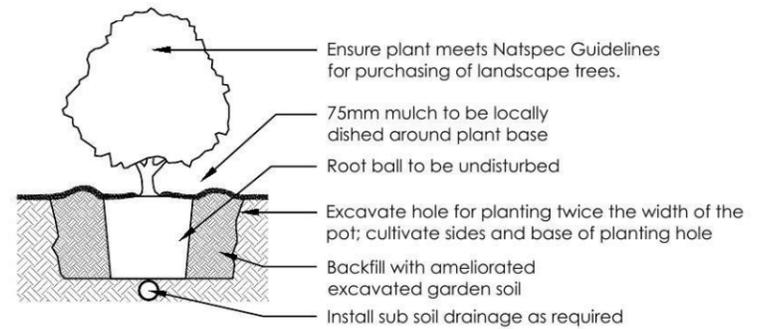
Masonry retaining walls



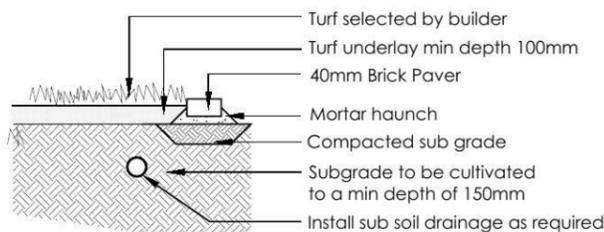
Existing contours



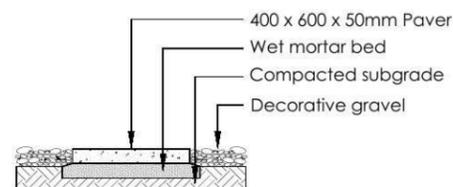
1 Tree Planting Detail
NTS 25L - 100L Pot Size



2 Planting Detail
NTS 150mm, 200mm Pot Size



3 Turf Detail
NTS Brick Paver Edge



4 Stepping stones in gravel
NTS Low traffic zone

REVISION	DESCRIPTION	DRAWN	CHECK	DATE
A	ISSUE FOR CLIENT REVIEW	RS	BT	28-04-14
B	AMEND TO NEW ARCHITECTURALS + CLIENT FEEDBACK	RS	RS	29-04-14

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outdoor living environments

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Member of the Australian Institute of Landscape Designers and Managers

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6. All work to comply with relevant Australian Standards or Building Code of Australia.
7. All work to be performed by a suitably qualified tradesperson.
8. For application purposes only - NOT FOR CONSTRUCTION

ADDRESS
LOT 2217 WILLIAM HART DRIVE, PENRITH

CLIENT
THATCHER HOMES

PROJECT
NEW RESIDENCE

DRAWING
LANDSCAPE PLAN

SCALE
1:100 @ A3

DATE
29-04-14

REVISION
B



Lot 2216

PLANT SCHEDULE Prepared by ecodeign Pty Ltd

SYMBOL	BOTANICAL NAME	COMMON NAME	QUANTITY	POT SIZE	MATURE SIZE
Lwf	Liriope muscari 'Monroe's White'	Liriope (white flowering)	16	200mm	0.45m
Mcd	Malus 'Cinzam Cinderlla'	Dwarf Crab Apple	1	75L	3m
Vo	Vibumum odoratissimum	Sweet Vibumum	7	200mm	2.5m
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STODDARD LANE - Supply + installation by BUILDER

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STODDARD LANE CROSS-OVER - Supply + construction by BUILDER

MATERIAL SCHEDULE

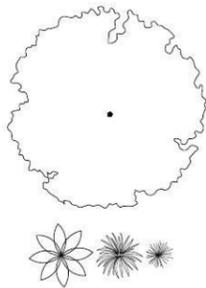
	Area m ² URBANGROWTH*	Area m ² BUILDER*
HEADER COURSE		
Concrete pavers 'Adbri Quartzstone', 300x300x50mm in 'Cradle' colour, laid in stackbond pattern	4.46	1.29
IN-FILL PAVEMENT		
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LOT PLANTING SUMMARY

Total Plants	Total Fence Hedging	Street Planting	Other Shrubs/ground-covers	Total Trees
44	7	0	37	1

Minimum of 1 tree and 20 shrubs / groundcovers to each front / side yard (excluding fence hedging)



LEGEND

Proposed trees - refer to plant schedule

Proposed accents & grasses - refer to plant schedule



Proposed shrubs - refer to plant schedule



Proposed groundcovers and grasses - refer to plant schedule



Existing levels



Proposed levels



Proposed Top Of Wall levels



Boundary



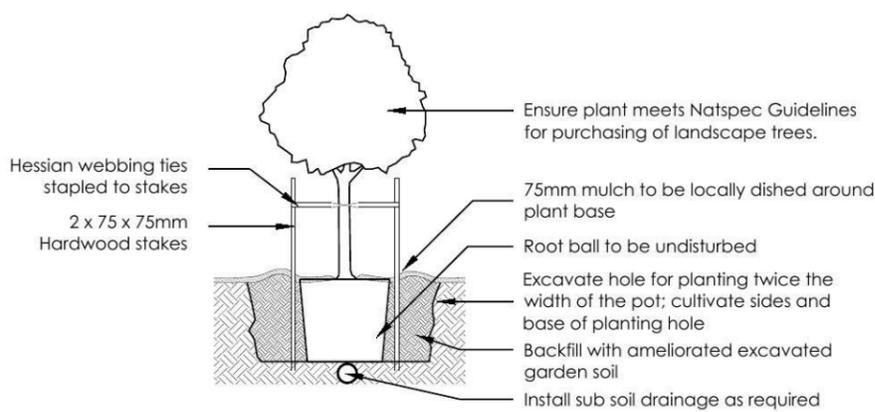
Garden edging



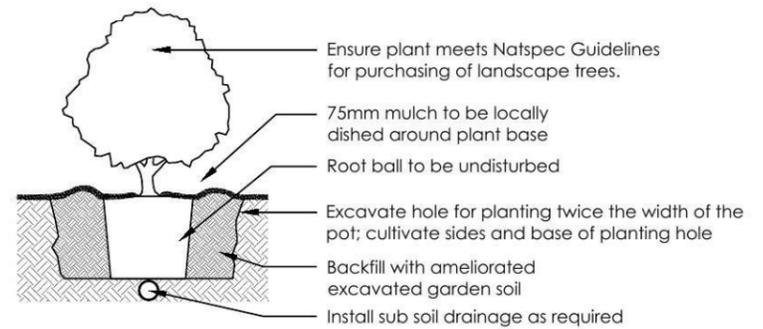
Masonry retaining walls



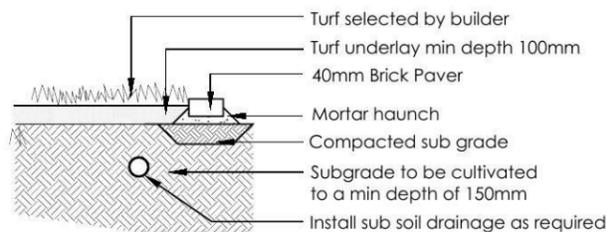
Existing contours



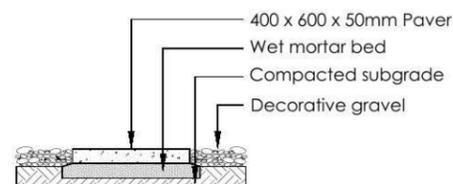
1 Tree Planting Detail
NTS 25L - 100L Pot Size



2 Planting Detail
NTS 150mm, 200mm Pot Size



3 Turf Detail
NTS Brick Paver Edge



4 Stepping stones in gravel
NTS Low traffic zone

REVISION	DESCRIPTION	DRAWN	CHECK	DATE	PROJECT		DRAWING	
A	ISSUE FOR CLIENT REVIEW	RS	BT	28-04-14	NEW RESIDENCE		LANDSCAPE PLAN	
B	AMEND TO NEW ARCHITECTURALS + CLIENT FEEDBACK	RS	RS	29-04-14	LOT 2216 WILLIAM HART DRIVE, PENRITH		SCALE	1:100 @ A3
					THATCHER HOMES		DATE	29-04-14
							REVISION	B

Lot 2215

PLANT SCHEDULE Prepared by ecodeign Pty Ltd

SYMBOL	BOTANICAL NAME	COMMON NAME	QUANTITY	POT SIZE	MATURE SIZE
Lwf	Liriope muscari 'Monroe's White'	Liriope (white flowering)	16	200mm	0.45m
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STODDARD LANE - Supply + installation by BUILDER

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STODDARD LANE CROSS-OVER - Supply + construction by BUILDER

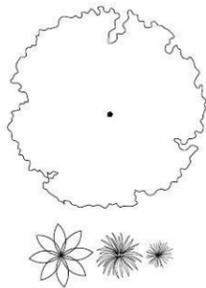
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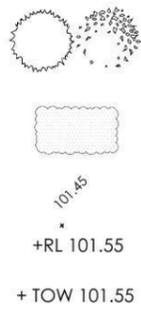
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LEGEND

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Proposed accents & grasses - refer to plant schedule



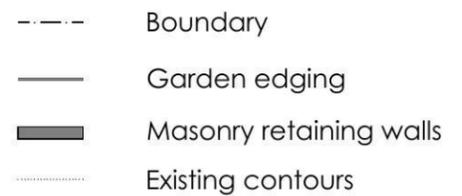
Proposed shrubs - refer to plant schedule

Proposed groundcovers and grasses - refer to plant schedule

Existing levels

Proposed levels

Proposed Top Of Wall levels

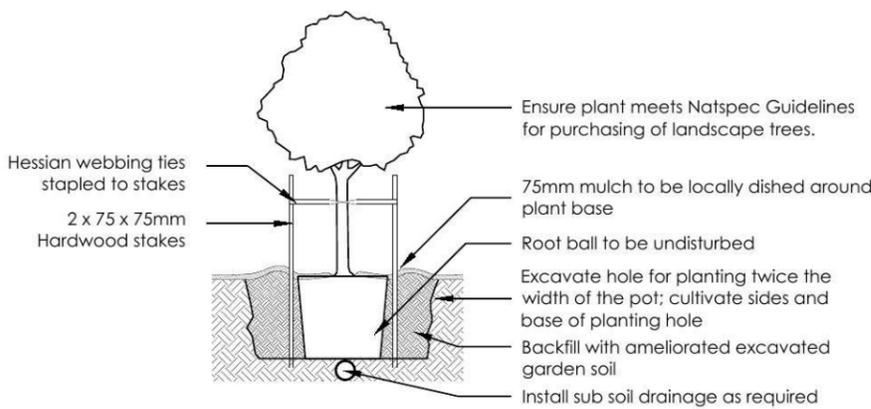


Boundary

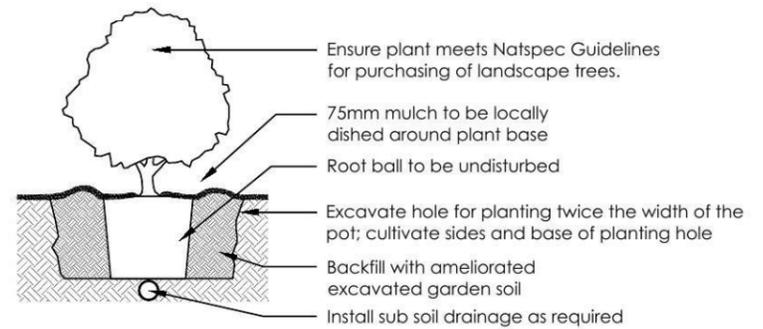
Garden edging

Masonry retaining walls

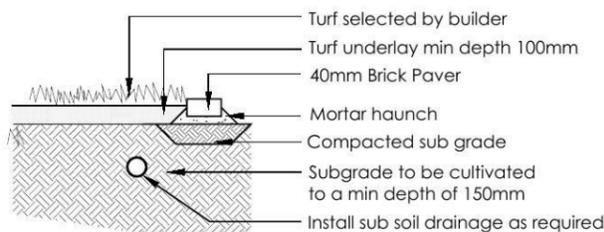
Existing contours



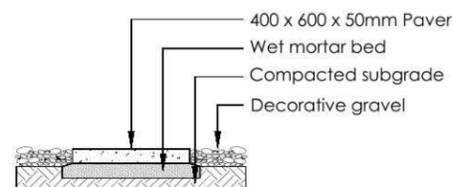
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B	AMEND TO NEW ARCHITECTURALS + CLIENT FEEDBACK	RS	RS	29-04-14

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outdoor living environments

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ADDRESS
LOT 2215 WILLIAM HART DRIVE, PENRITH

CLIENT
THATCHER HOMES

PROJECT
NEW RESIDENCE

DRAWING
LANDSCAPE PLAN

SCALE
1:100 @ A3

DATE
DA

SHEET
06

DRAWN
RS

CHECK
BT

DATE
29-04-14

REVISION
B



Lot 2214

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SYMBOL	BOTANICAL NAME	COMMON NAME	QUANTITY	POT SIZE	MATURE SIZE
Lwf	Liriope muscari 'Monroe's White'	Liriope (white flowering)	16	200mm	0.45m
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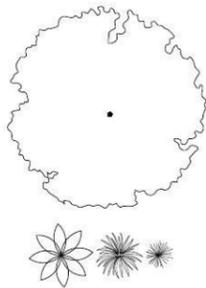
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Concrete pavers 'Adbri Quartzstone', 300x300x50mm in 'Cradle' colour, laid in stackbond pattern	4.46	4.72
IN-FILL PAVEMENT		
Concrete pavers 'Adbri Havenbrick', 200x100x50mm in 'Brushwood' colour, laid in herringbone pattern	0.00	0.00
Total area	4.46	4.72

*Area's outside of the allotment boundary. **Area's inside of the allotment boundary

LOT PLANTING SUMMARY

Total Plants	Total Fence Hedging	Street Planting	Other Shrubs/ground-covers	Total Trees
44	7	0	37	1

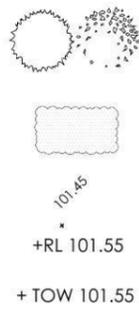
Minimum of 1 tree and 20 shrubs / groundcovers to each front / side yard (excluding fence hedging)



LEGEND

Proposed trees - refer to plant schedule

Proposed accents & grasses - refer to plant schedule



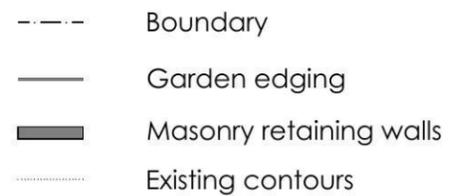
Proposed shrubs - refer to plant schedule

Proposed groundcovers and grasses - refer to plant schedule

Existing levels

Proposed levels

Proposed Top Of Wall levels

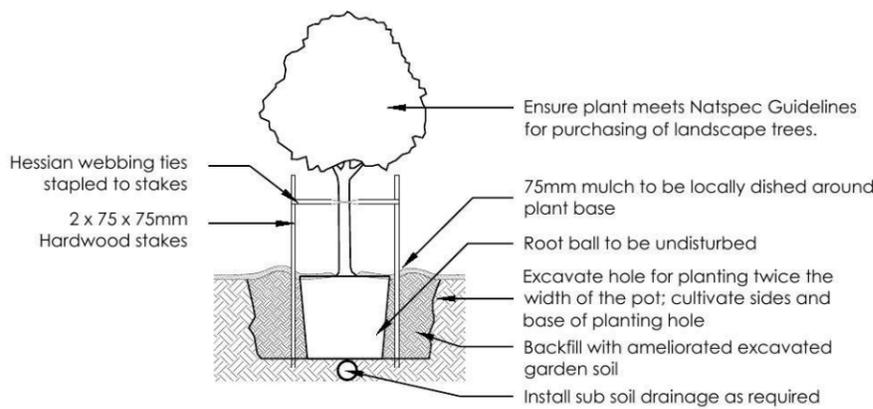


Boundary

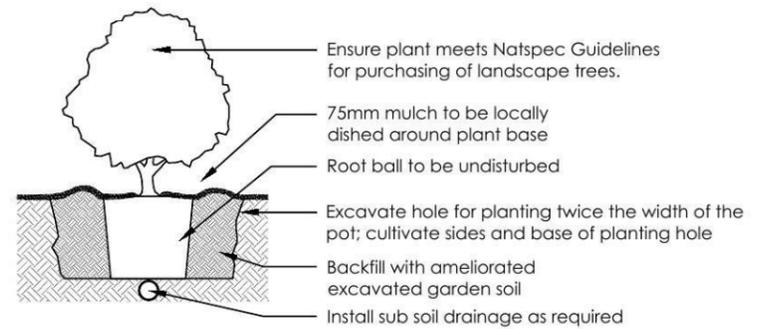
Garden edging

Masonry retaining walls

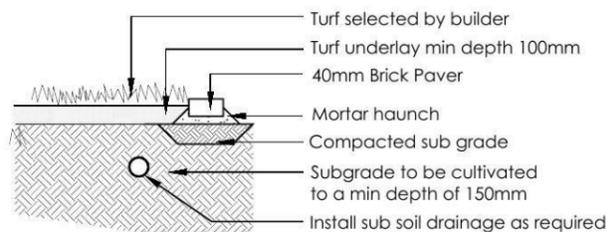
Existing contours



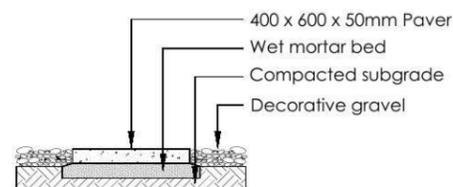
1 Tree Planting Detail
NTS 25L - 100L Pot Size



2 Planting Detail
NTS 150mm, 200mm Pot Size



3 Turf Detail
NTS Brick Paver Edge



4 Stepping stones in gravel
NTS Low traffic zone

REVISION	DESCRIPTION	DRAWN	CHECK	DATE
A	ISSUE FOR CLIENT REVIEW	RS	BT	28-04-14
B	AMEND TO NEW ARCHITECTURALS + CLIENT FEEDBACK	RS	RS	29-04-14

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ADDRESS: **LOT 2214 WILLIAM HART DRIVE, PENRITH**

CLIENT: **THATCHER HOMES**

PROJECT: **NEW RESIDENCE**

DRAWING: **LANDSCAPE PLAN**

SCALE: **1:100 @ A3** | DATE: **DA** | SHEET: **08**

DRAWN: **RS** | CHECK: **BT** | DATE: **29-04-14** | REVISION: **B**



Lot 2213

PLANT SCHEDULE Prepared by ecodeign Pty Ltd

SYMBOL	BOTANICAL NAME	COMMON NAME	QUANTITY	POT SIZE	MATURE SIZE
Aw	Agapanthus 'White'	White Agapanthus	26	200mm	0.5m
Dg	Diets grandiflora	Wild Iris	14	200mm	1m
Lwt	Liriope muscari 'Monroe's White'	Liriope (white flowering)	22	200mm	0.45m
Mcd	Malus 'Cinzam Cinderlla'	Dwarf Crab Apple	1	75L	3m
Vo	Viburnum odoratissimum	Sweet Viburnum	22	200mm	2.5m
Vh	Viola hederacea	Native Violet	10	150mm	0.1m

STODDARD LANE - Supply + installation by BUILDER

SYMBOL	BOTANICAL NAME	COMMON NAME	QUANTITY	POT SIZE	MATURE SIZE
Lix	Lagerstroemia 'Sioux'	Crepe Myrtle	1	25L	4m
Lcj	Lomandra confertifolia 'Crackerjack'	Fine-leaved Lomandra	12	140mm	0.45m

STODDARD LANE CROSS-OVER - Supply + construction by BUILDER

MATERIAL SCHEDULE

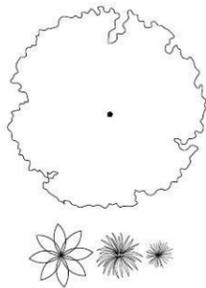
	Area m ² URBANGROWTH*	Area m ² BUILDER*
HEADER COURSE		
Concrete pavers 'Adbri Quartzstone', 300x300x50mm in 'Cradle' colour, laid in stackbond pattern	1.74	2.84
IN-FILL PAVEMENT		
Concrete pavers 'Adbri Havenbrick', 200x100x50mm in 'Brushwood' colour, laid in herringbone pattern	1.68	11.59
Total area	3.42	14.43

*Area's outside of the allotment boundary. **Area's inside of the allotment boundary

LOT PLANTING SUMMARY

Total Plants	Total Fence Hedging	Street Planting	Other Shrubs/ground-covers	Total Trees
95	22	26	47	1

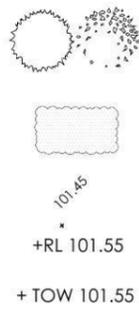
Minimum of 1 tree and 20 shrubs / groundcovers to each front / side yard (excluding fence hedging)



LEGEND

Proposed trees - refer to plant schedule

Proposed accents & grasses - refer to plant schedule



Proposed shrubs - refer to plant schedule

Proposed groundcovers and grasses - refer to plant schedule

Existing levels

Proposed levels

Proposed Top Of Wall levels



Boundary



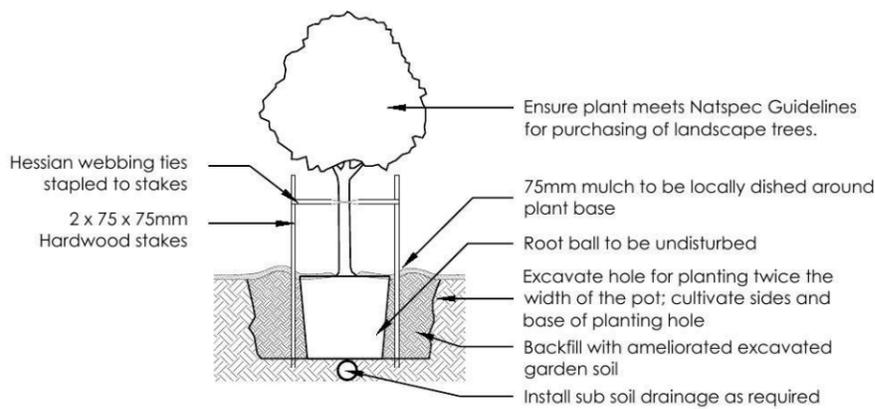
Garden edging



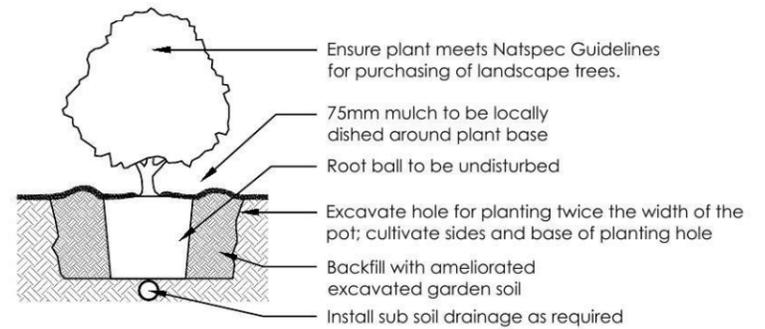
Masonry retaining walls



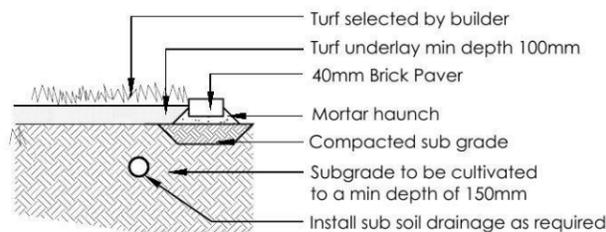
Existing contours



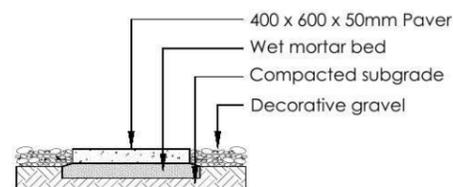
1 Tree Planting Detail
NTS 25L - 100L Pot Size



2 Planting Detail
NTS 150mm, 200mm Pot Size



3 Turf Detail
NTS Brick Paver Edge



4 Stepping stones in gravel
NTS Low traffic zone

REVISION	DESCRIPTION	DRAWN	CHECK	DATE
A	ISSUE FOR CLIENT REVIEW	RS	BT	28-04-14
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ADDRESS
LOT 2213 WILLIAM HART DRIVE, PENRITH

CLIENT
THATCHER HOMES

PROJECT
NEW RESIDENCE

DRAWING
LANDSCAPE PLAN

SCALE
1:100 @ A3

DATE
DA

SHEET
10

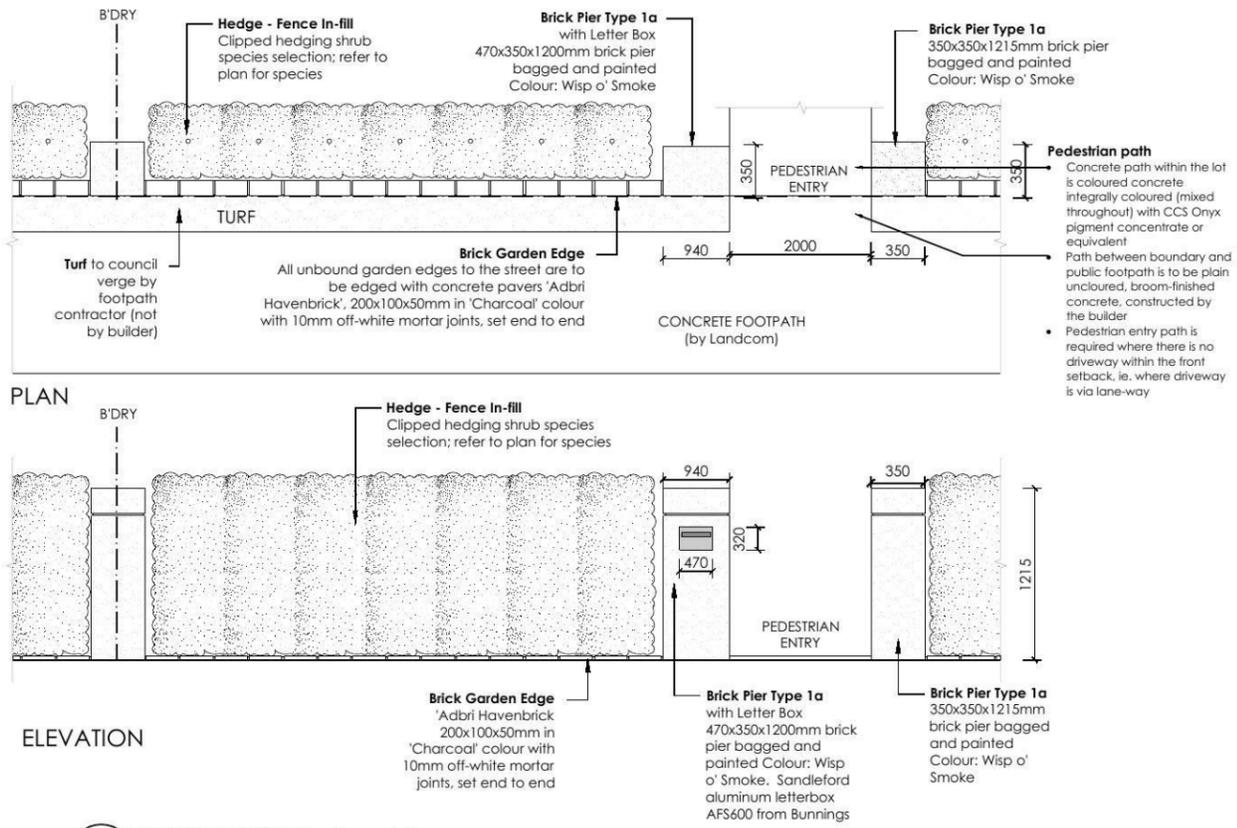
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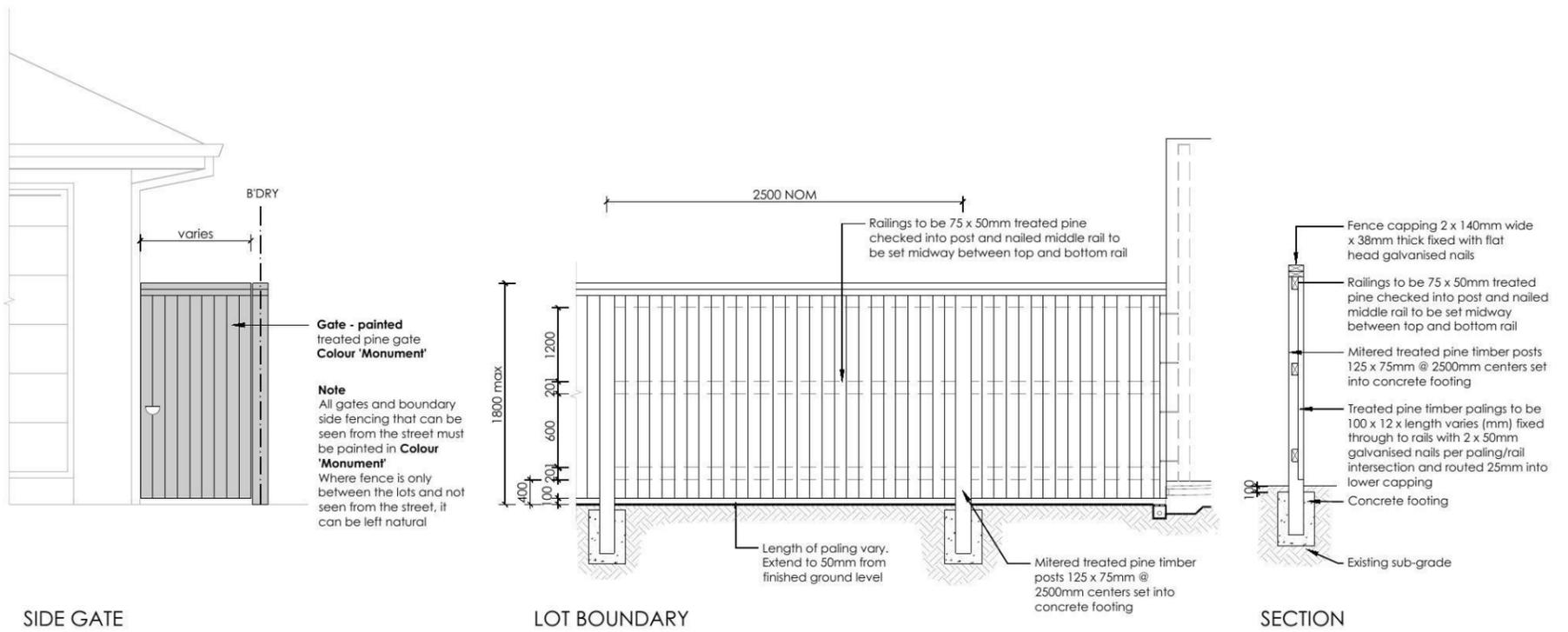
DATE
29-04-14

REVISION
B





8 FENCE TYPE 5 - Front Fence
1:50 Typical detail



6 FENCE TYPE 4a - Side Boundaries
1:50 Typical detail

REVISION	DESCRIPTION	DRAWN	CHECK	DATE
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CLIENT: **THATCHER HOMES**

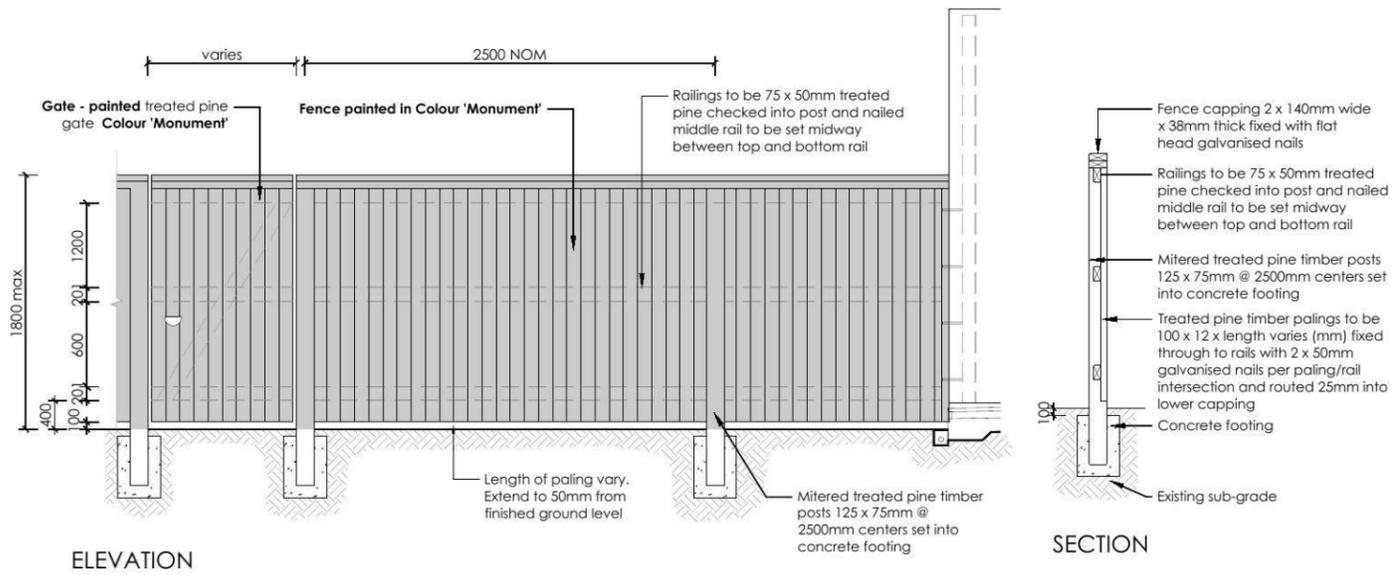
PROJECT: **NEW RESIDENCE**

DRAWING: **LANDSCAPE PLAN**

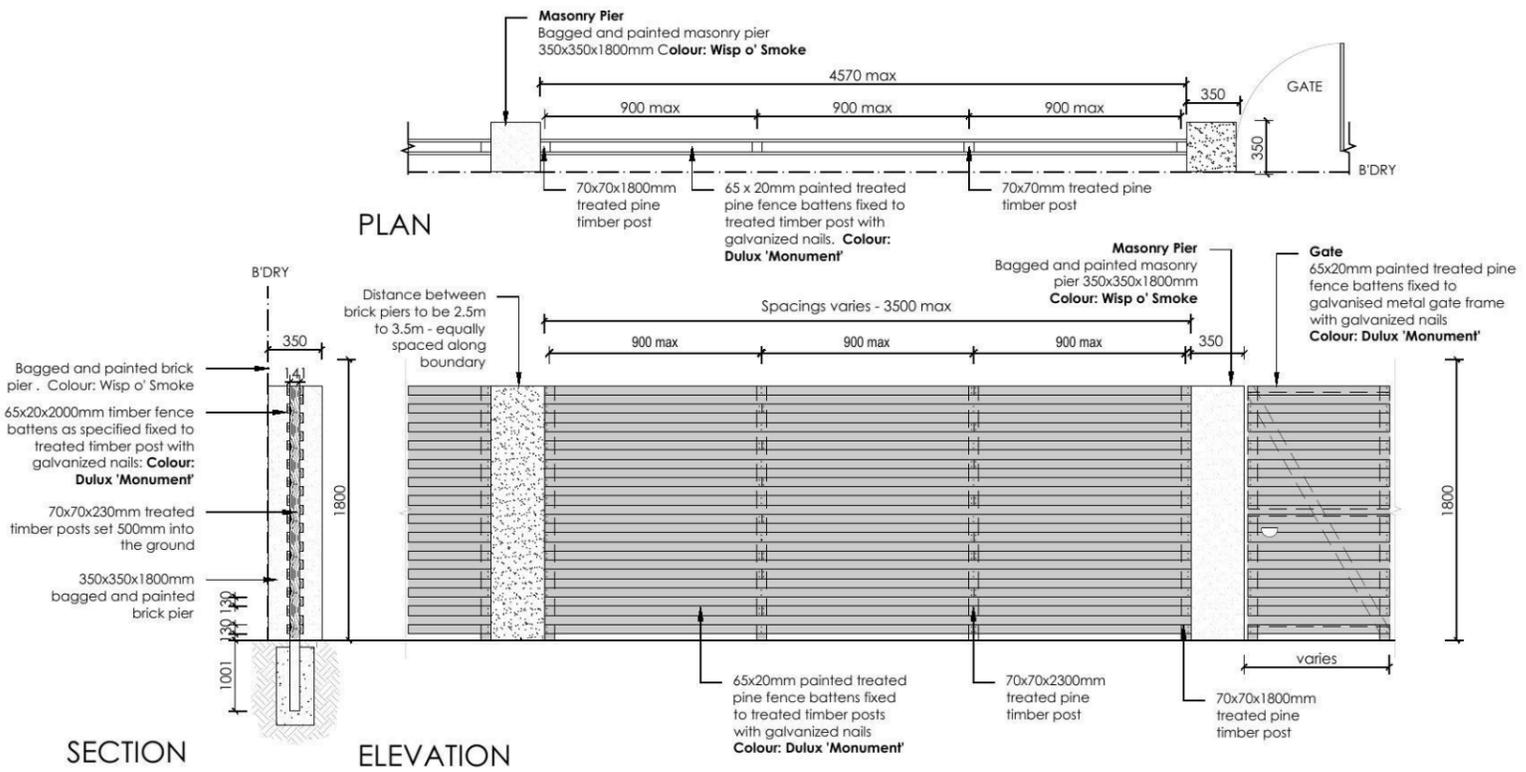
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DRAWN: **RS** CHECK: **BT** DATE: **29-04-14** REVISION: **B**





7 FENCE TYPE 4b - Rear Boundary
 1:50 All Laneways (except Barlett Lane)
 Typical detail



8 FENCE TYPE 2a - Secondary Street Fencing
 1:50 Typical detail

REVISION	DESCRIPTION	DRAWN	CHECK	DATE
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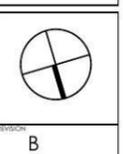
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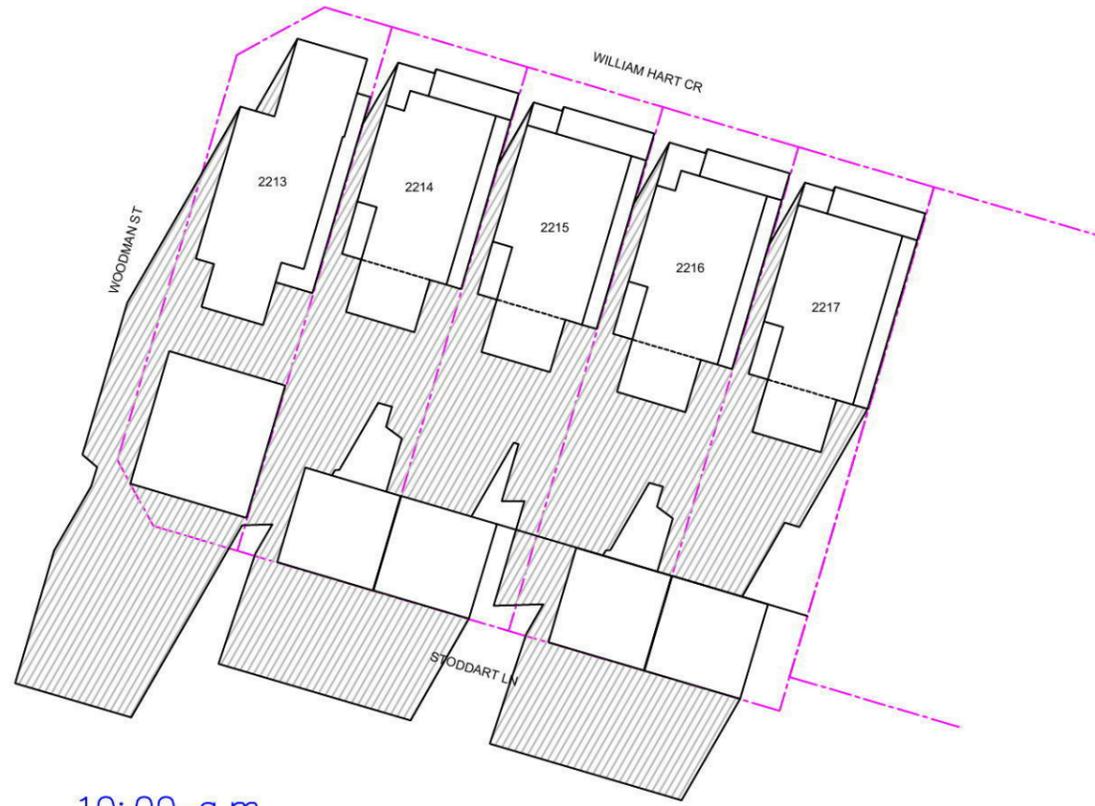
PROJECT: **NEW RESIDENCE**

DRAWING: **LANDSCAPE PLAN**

SCALE: **1:100 @ A3** DATE: **DA** SHEET: **12**

DRAWN: **RS** CHECK: **BT** DATE: **29-04-14** REVISION: **B**

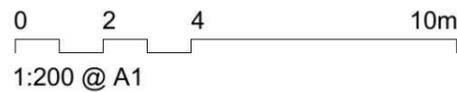




10:00 a.m.



11:00 a.m.



1:200 @ A1

Rev	Date	Amendment:
-	-	-

Rev Date Amendment:

Lot	Area (m ²)	POS Design (m ²)	POS (20%min) %	Req. sun (0.5PPOS) (m ²)	Sunlight Penetration (m ²)							Alt.(°)	Az.(°)
					9 a.m.	10 a.m.	11 a.m.	12 a.m.	1 p.m.	2 p.m.	3 p.m.		
					18 43 NE	26 30 NE	31 16 NE	32 0 N	31 16 NW	26 30 NW	18 43 NW		
2213	233.9	51.7	22	9	0.0	5.7	10.0	13.3	15.4				
2214	247.2	110.6	45	9	10.0	25.5	9.0	5.0	0.0				
2215	247.2	110.6	45	9	5.8	24.0	17.4	13.2	5.5				
2216	247.2	110.6	45	9	10.0	25.7	11.9	8.3	6.7				
2217	247.2	110.6	45	9	22.6	24.1	17.0	13.2	8.3				

☐ Sunshine penetration > 50% of PPOS



Prepared by
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 109 Palmer St Woolloomooloo 2011
 Ph. 9357 2641 Mob. 0411 614112

THORNTON
 Lots 2213-2217
 William Hart Crescent
 SHADOW DIAGRAMS

Date: 15.4.14
 Scale: 1:400 @ A3
 THORNTON 2C.SH.1



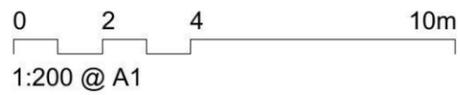
12:00 a.m.



1:00 p.m.



2:00 p.m.



Rev	Date	Amendment:
-	-	-



Prepared by
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THORNTON
 Lots 2213–2217
 William Hart Crescent
 SHADOW DIAGRAMS

Date: 15.4.14
 Scale: 1:400 @ A3
 THORNTON 2C.SH.2