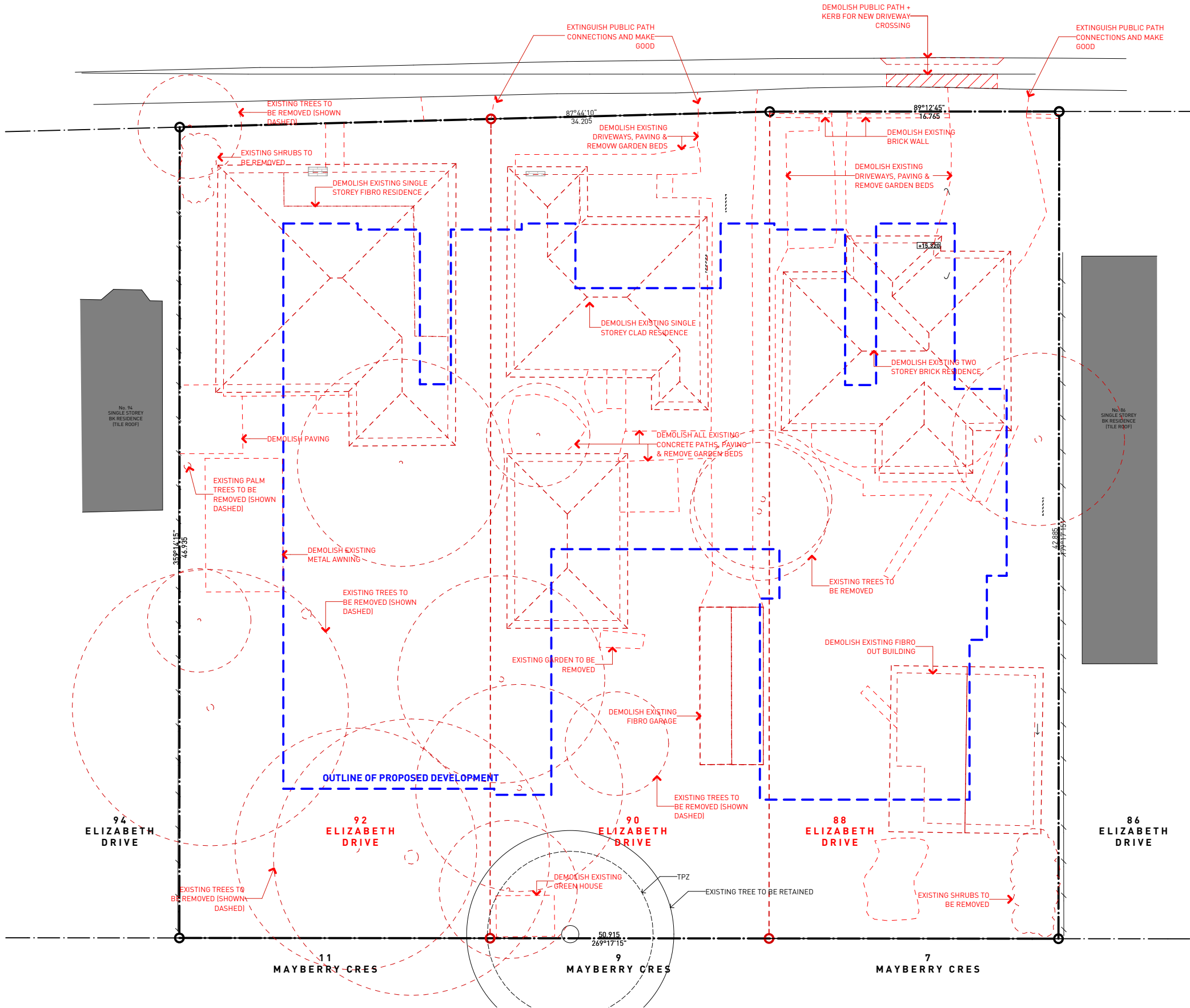




CONSTRUCTION MANAGEMENT

MATERIALS HANDLING

Materials handling and vehicle operations will comply with the Road Transport Act 1999 (NSW) which incorporates the Mass Loading and Access Regulation 1996 and Safety Traffic Management Road Rules Regulations 1999. All loads will be covered to minimise dust and prevent the transfer of sediment onto the roadway.

DILAPIDATION SURVEY

A dilapidation survey is to be undertaken to record the physical condition of any existing structure or situation that may be effected by the proposed development.

TRAFFIC MANAGEMENT PLAN

A traffic management plan to be prepared to meet council and RTA ("Traffic Control Worksite Manual") requirements, by a suitably qualified person (minimum red card' qualification).

WASTE MANAGEMENT

The proposed development will incorporate the waste minimisation principles of Avoid, Reduce, Reuse and Recycle, and conform with the Waste Avoidance and Recovery Act 2001. Specific bins for waste and recycling shall be provided on site.

NOISE CONTROL

To reduce noise from construction and demolition sites, all activities should be carried out in accordance with the requirements of Australian Standard Guidelines AS2436-1981 "Guide to noise control on Construction Maintenance and Demolition sites."

OCCUPATIONAL HEALTH AND SAFETY

All site works must comply with the occupational health and safety requirements of the New South Wales Work Cover Authority.

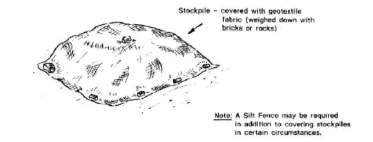
TOILET FACILITIES

During excavation, demolition and construction phases, toilet facilities are to be provided on the site, at the rate of one toilet for every twenty (20) persons or part of twenty (20) persons employed at the site.

SOIL AND WATER MANAGEMENT

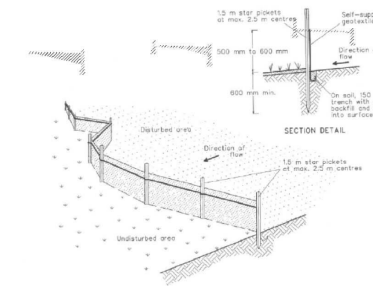
1. Minimise the area of soils exposed at any one time.
2. Conserve top soil.
3. Protect proposed stockpile locations. Use only nominated stockpile locations.
4. A durable sign, available from Council must be erected during the works in a prominent location on site, warning of penalties should appropriate measures required by the Soil and Water Management Plan not be maintained.
5. Prevent soil, sand and sediments leaving the site in an uncontrolled manner.
6. Control surface water flows through the site in a manner that:
 - i) Diverts clean run-off around disturbed areas
 - ii) Minimises slope gradient & flow distance within disturbed areas
 - iii) Ensures surface run-off occurs at non-erodable velocities
 - iv) Ensures disturbed areas are promptly rehabilitated.
7. Sediment and erosion control measures are to be in place before work commences.
8. Materials are not to be tracked onto the road by vehicles entering or leaving the site.
9. Specified drainage is to be implemented to protect and drain the site during works.

Stockpile Protection:

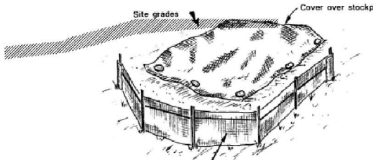


v. Drainage structure protection on and off the site (kerb and gutter, pits, culverts etc)

Silt Fence Diagram:



Silt Fence with returns:



Certificate no.: 0002390580
Assessor Name: Amir Girgis
Accreditation no.: 20579
Certificate date: 22 January 2018
Dwelling Address: 88-92 Elizabeth Drive
Liverpool, NSW 2170
www.nathers.gov.au



FOR DA

REV A 05-02-2018

DEMOLITION & SITE MANAGEMENT PLAN

DEVELOPMENT APPLICATION

SGCH ELIZABETH DRIVE

ST GEORGE COMMUNITY HOUSING LTD





0					10m - 1:200
					5.0m - 1:100
					2.5m - 1:50
					1.25m - 1:25



SMITH & TZANNES

17_043 DA-A-102

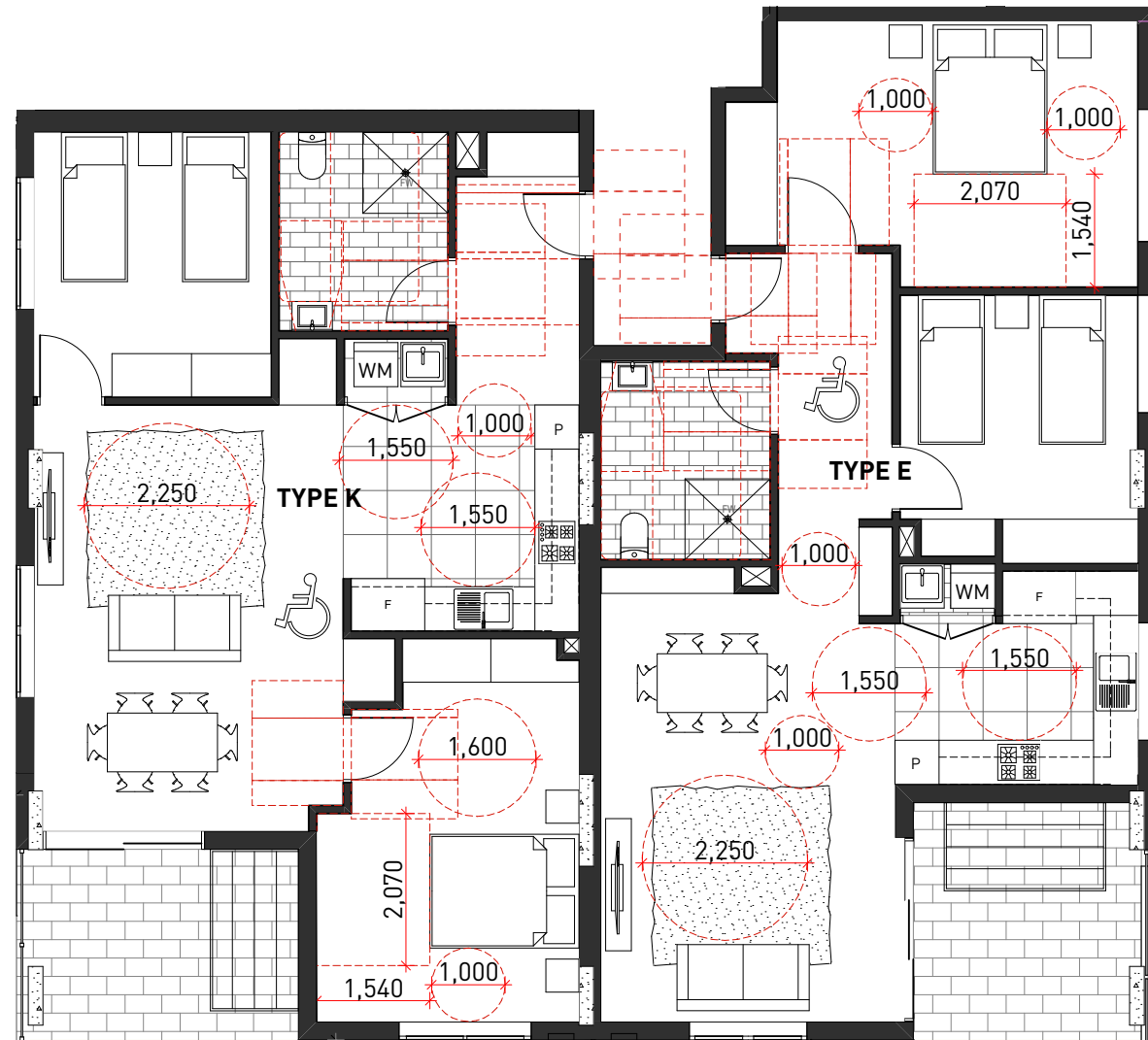


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17_043 DA-A-105





1. ADAPTABLE UNITS - TYPE K & E TYP.
1:100



Certificate no.: 0002390580
Assessor Name: Amir Girgis
Accreditation no.: 20579
Certificate date: 22 January 2018
Dwelling Address: 88-92 Elizabeth Drive
Liverpool, NSW
2170
www.nathers.gov.au



ADAPTABLE RESIDENTIAL UNITS SPECIFICATION
ADAPTABLE 2 BED UNITS: TYPE K - AG.02 TYPE E - AG.01, A1.01, A2.01, A3.01
APPLICABLE STANDARDS: AS 4299-1995, AS 1428.1-2009, AS 1428.2-1992
SCHEDULE OF FEATURES FOR ADAPTABLE HOUSING

[Item numbers relate to relevant items in Appendix A AS4299-1995]

SITE

3 SITING Continuous accessible path provided from street and from accessible carspaces.

11 LETTERBOXES Located outside main lobby entry off Elizabeth Drive. Area is flat, paved and accessible from the street and main entrance walkway.

14 CARSPACES Minimum area 5.4m x 2.4m. Carspaces 15, 16, 17, 18 and 22 have been allocated to the accessible apartments. Comply with AS1428.1 (Min 5.4m x 2.4m)

ENTRANCE

20 ENTRY Entry to apartments accessible by ramp direct from street or lift from carpark.

22 LEVEL Accessible entry to be level (Max 1:40 slope)

23 THRESHOLD Threshold to be low-level

24 LANDING Landing to enable wheelchair manoeuvrability.

25 ENTRY DOORS Min 920mm leaf.

27 DOOR HARDWARE Door lever and hardware to AS 1428.1

INTERNAL GENERALLY

32 INTERNAL DOORS Min 870mm leaf.

33 CORRIDORS Min 1000mm width clearance.

34 DOOR APPROACHES Comply AS 1428.1 - refer to drawings.

LIVING

36 LIVING SPACE CIRCULATION Provision for circulation space of min 2250mm diameter.

37 POWER Provide 4 double GPO.

38 PHONE Provide phone outlet adjacent.

41 ILLUMINATION Min 300 lux.

KITCHEN

42 BENCHES Min width 2700mm. Min 1550mm clear between benches.

43 CIRCULATION Comply with AS 1428.1 - refer to drawings.

44 BENCH Adjustable/removable surface 800mm wide adjacent cooktop.

45 REFRIGERATOR Located adjacent worksurface.

46 SINK Plumbing to allow to make adjustable in height.

47 SINK BOWL Max depth 150mm.

48 TAPS Lever handles.

49 TAPS Locate to side of sink.

51 COOKTOP Provide side located crossbar controls.

52 COOKTOP Provide isolating switch.

53 WORKSURFACE Min 800mm length adjacent to cooktop at same height.

54 OVEN Oven located adjacent to an adjustable height or replaceable work surface.

59 POWER GPO to comply with AS 1428.1 within 300mm of worksurface.

60 POWER GPO located at side of refrigerator.

61 FLOOR Slip resistant.

MAIN BEDROOMS

62 BEDROOM To accommodate circulation space to AS 1428.2.

63 POWER Two power outlets on either side of bed location.

64 POWER One GPO on opposite wall to bed.

65 PHONE Outlet provided near bed.

66 TV Outlet provided in wall opposite bed.

67 LIGHT Two way light switch: One switch located at bed, other switch located at door.

68 ILLUMINATION Min 300 lux.

69 ROBE Sliding mirror doors.

BATHROOMS

75 AREA Bathroom area to comply with AS 1428.1.

76 FLOOR Slip resistant floor surface.

77 SHOWER Min size 1160mm x 1100mm.

78 SHOWER WATERPROOFING Comply with AS 3740.

79 SOAP HOLDER Recessed.

80 TAPS Shower taps positioned for easy reach to access side of shower sliding track.

82 SHOWER ROSE Handheld.

83 SHOWER Wall studs located to enable grab rails to be installed.

86 TAPS Located to AS 1428.1 with lever handles with single outlet.

88 BASIN Clearance to comply with AS 1428.1.

90 POWER Double GPO beside mirror.

93 TOILET Position and circulation to comply with AS 1428.1.

94 WC Location to comply with AS 1428.1.

95 WALLS Locate to enable grab rails to be installed.

96 FLOOR Slip resistant floor surface.

LAUNDRY

98 CIRCULATION Circulation at doors to comply with AS 1428.1.

99 CIRCULATION Min 1150mm clearance in front of appliances.

100 WASHING MACHINE Provide automatic washing machine.

102 CLOTHES LINE Direct path to external clothes line.

105 POWER Double GPO.

108 FLOOR Slip resistant.

DOOR LOCKS

110 HARDWARE Locate between 900mm - 1100mm above floor.

FLOOR COVERINGS

111 INTERNAL/EXTERNAL Generally slip resistant surfaces.

BCA PART D3

1. An accessible path of travel is provided to the entrance doorways of each sole occupancy unit served by the lift from the street and carspace .
2. Accessible parking spaces are available at grade.

FOR DA

REV A 05-02-2018

ADAPTABLE UNIT PLANS

DEVELOPMENT APPLICATION

SGCH ELIZABETH DRIVE

ST GEORGE COMMUNITY HOUSING LTD

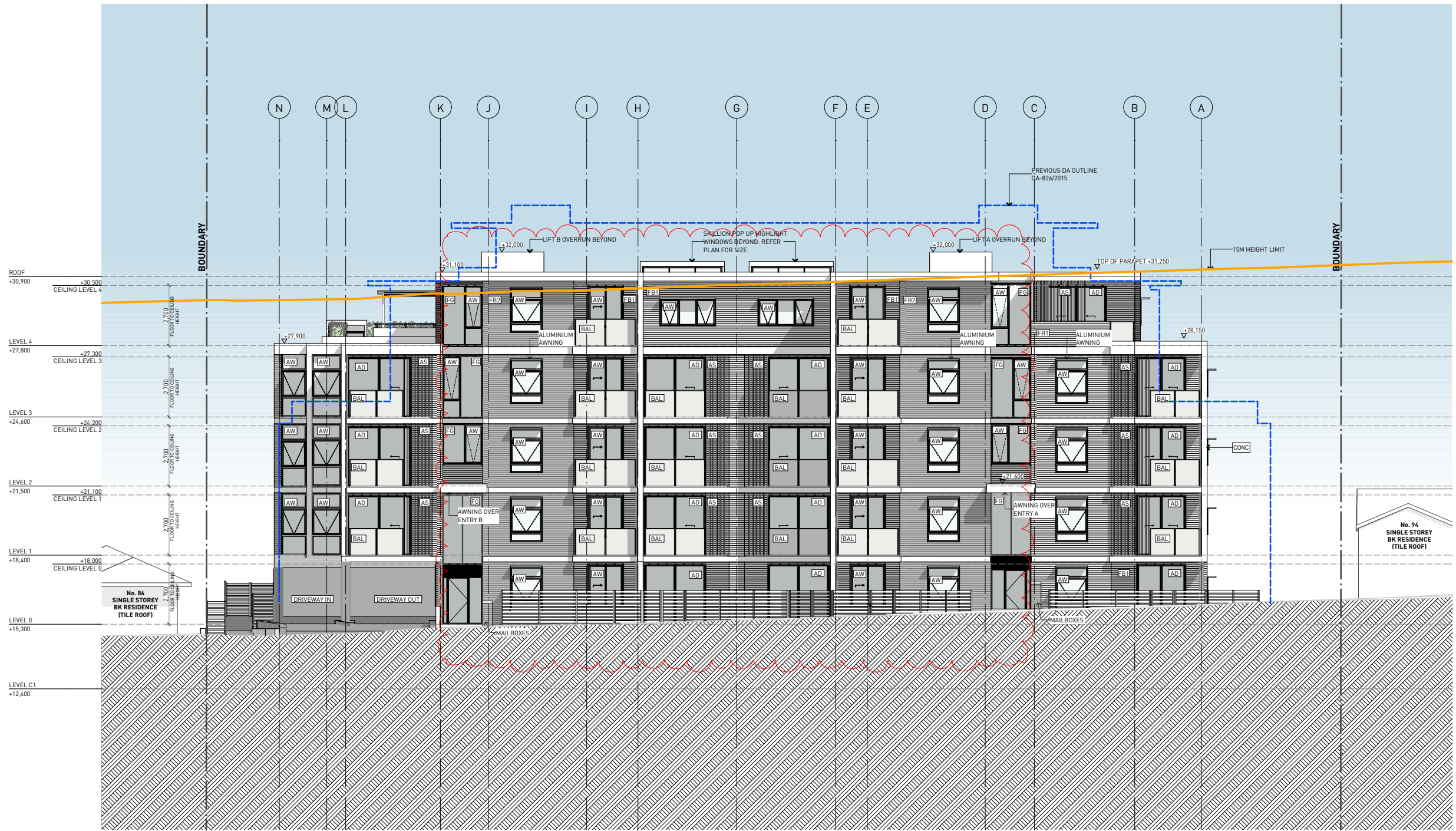


ARCHITECTURE URBAN PLANNING
M1/147 McEvoy Street Alexandria NSW 2015
P 02 9516 2022 E email@smithtzannes.com.au
smithtzannes.com.au
Nominated Architect: Peter Smith (Reg 7024)



LEGEND

AS	ALUMINIUM SCREEN
AW	ALUMINIUM WINDOW
AWN	ALUMINIUM WINDOW HOODS
BAL	TRANSLUCENT GLASS BALUSTRADE
BP	FEATURE PATTERN BRICK INFILL
CONC	CONCRETE
FB#	FACE BRICK TYPE #
FG	FIXED GLAZING
TG	TRANSLUCENT GLAZING



1 NORTH (STREET) ELEVATION
1:200

FOR DA

REV D 29-06-2018

NORTH (STREET) ELEVATION

DEVELOPMENT APPLICATION

SGCH ELIZABETH DRIVE

ST GEORGE COMMUNITY HOUSING LTD

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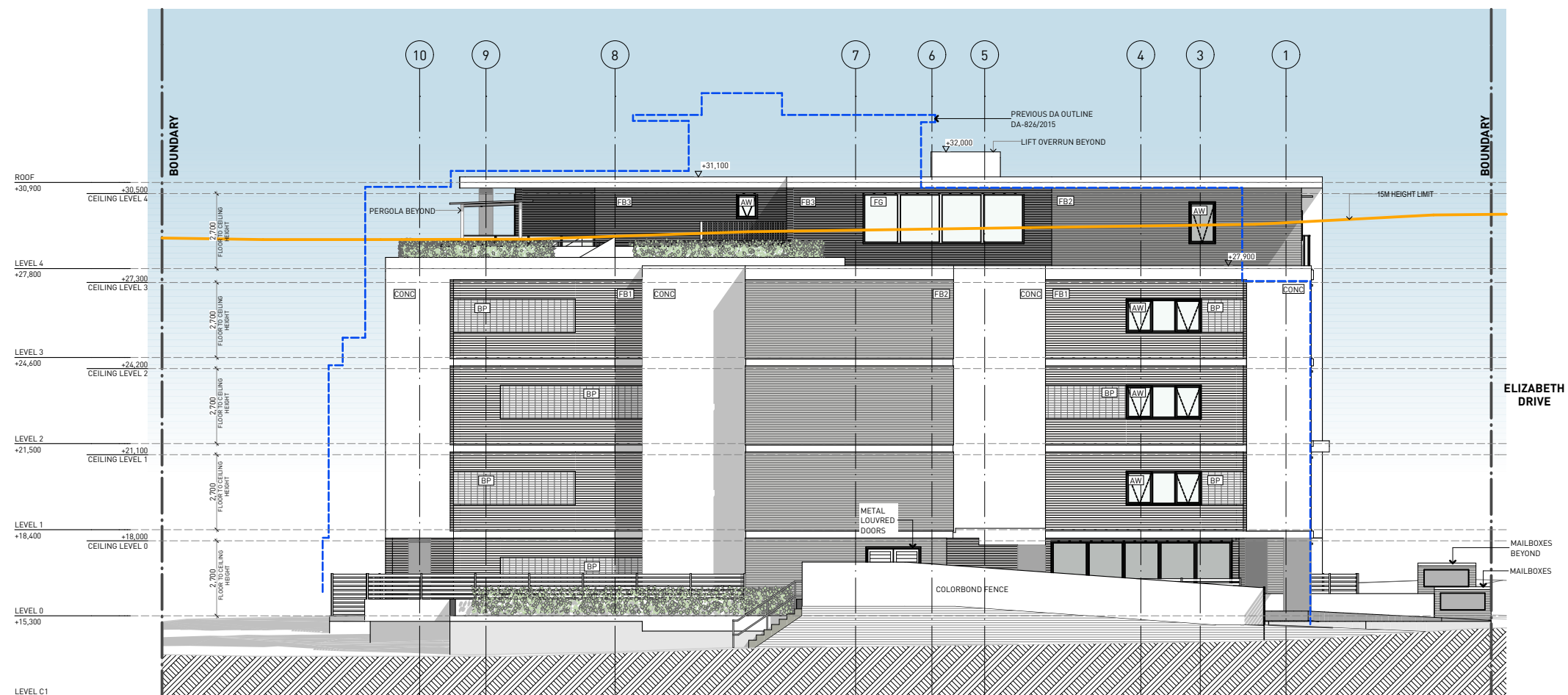
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	1.25m - 1:25



ARCHITECTURE URBAN PLANNING
M1/147 McEvoy Street Alexandria NSW 2015
P 02 9516 2022 E email@smithtzannes.com.au
smithtzannes.com.au
Nominated Architect: Peter Smith (Reg 7024)



17_043 DA-A-200



LEGEND

AS	ALUMINIUM SCREEN
AW	ALUMINIUM WINDOW
AWN	ALUMINIUM WINDOW HOODS
BAL	TRANSLUCENT GLASS BALUSTRADE
BP	FEATURE PATTERN BRICK INFILL
CONC	CONCRETE
FB#	FACE BRICK TYPE #
FG	FIXED GLAZING
TG	TRANSLUCENT GLAZING



1 SOUTH ELEVATION
1:200

FOR DA

REV D 29-06-2018

SOUTH ELEVATION

DEVELOPMENT APPLICATION

SGCH ELIZABETH DRIVE

ST GEORGE COMMUNITY HOUSING LTD

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0	10m - 1:200
	5.0m - 1:100
	2.5m - 1:50
	1.25m - 1:25



ARCHITECTURE URBAN PLANNING
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P 02 9516 2022 E email@smithtzannes.com.au
smithtzannes.com.au
Nominated Architect: Peter Smith (Reg 7024)



17_043 DA-A-202



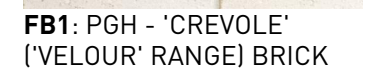
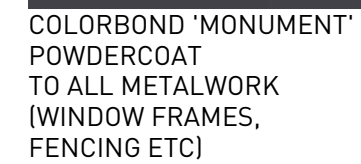
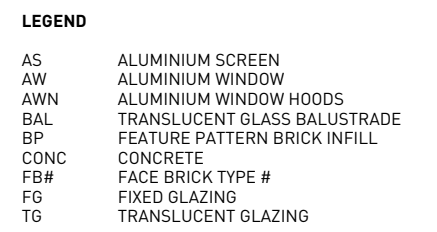
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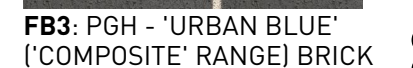
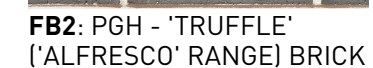
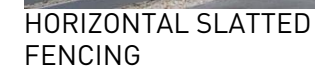
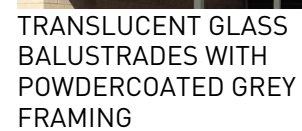
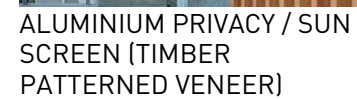
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17_043 DA-A-205



CONCRETE ROOF AND
SLAB EDGE



ARCHITECTURE URBAN PLANNING
M1/147 McEvoy Street Alexandria NSW 2015
P 02 9516 2022 **E** email@smithtannes.com.au
smithtannes.com.au
Nominated Architect: Peter Smith (Reg 7024)





REVISION HISTORY		
REVISION	DESCRIPTION	DATE APPROVED
A	GATEWAY 2.2	12/10/17
B	GATEWAY 2.2	02/11/17
C	GATEWAY 2.2	09/11/17
D	GATEWAY 2.3	05/12/17
E	GATEWAY 2.3	06/12/17
F	GATEWAY 2.3	08/12/17
G	DA ISSUE	22/01/18

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CLIENT

St George Community Housing Ltd.

PROJECT

88-92 Elizabeth Drive, Liverpool, NSW

DRAWING TITLE

LANDSCAPE PLAN- LEVEL 0

Sheet 1 of 1

SCALE
1:100 @ A1

DRAWN	CHECKED	PLOT DATE
SM	SM	20/01/18
PROJECT No.	DRAWING No.	REVISION
17_009	LC01	G

Simone Marsh trading as:
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E: simone@stitchstudio.com.au
www.stitchstudio.com.au
ABN: 75972357129



ELIZABETH DRIVE



LEVEL 4 PROPOSED PLANT SCHEDULE

KEY	SPECIES	COMMON NAME	ORIGIN	HEIGHT x SPREAD (m)	DENSITY	POT SIZE
Hedges						
SBB	Syzygium australe 'Baby Boomer'	Dwarf Lilly Pilly	Native	1.5 x 1.5	0.8m ctrs	300mm

HEDGES



SBB

Pebble mulch.

Skylights. Refer to Architects dwgs.

Masonry planter wall.

Pergola. Refer to Architects dwgs.

Syzygium australe 'Baby Boomer' hedge in modular planters. Refer to Proposed Plant Schedule.

REVISION HISTORY		
REVISION	DESCRIPTION	DATE APPROVED
A	GATEWAY 2.2	02/11/17
B	GATEWAY 2.3	05/12/17
C	GATEWAY 2.3	08/12/17
D	DA ISSUE	22/01/18

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CLIENT
St George Community Housing Ltd.

PROJECT
88-92 Elizabeth Drive, Liverpool, NSW

DRAWING TITLE
LANDSCAPE PLAN- LEVEL 4

Sheet 1 of 1
SCALE
1:100 @ A1

DRAWN SM	CHECKED SM	PLOT DATE 22/01/18
PROJECT No. 17_009	DRAWING No. LC03	REVISION D

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ABN: 75972357129



PROPOSED PLANT IMAGES

TREES



Cau RF Tla

HEDGES



SBB SNS

SHRUBS & FEATURES



Aat Cmi RSM Wfr

GRASSES & TUFTED PLANTS



DLJ Dex LJR LT

GROUNDCOVERS



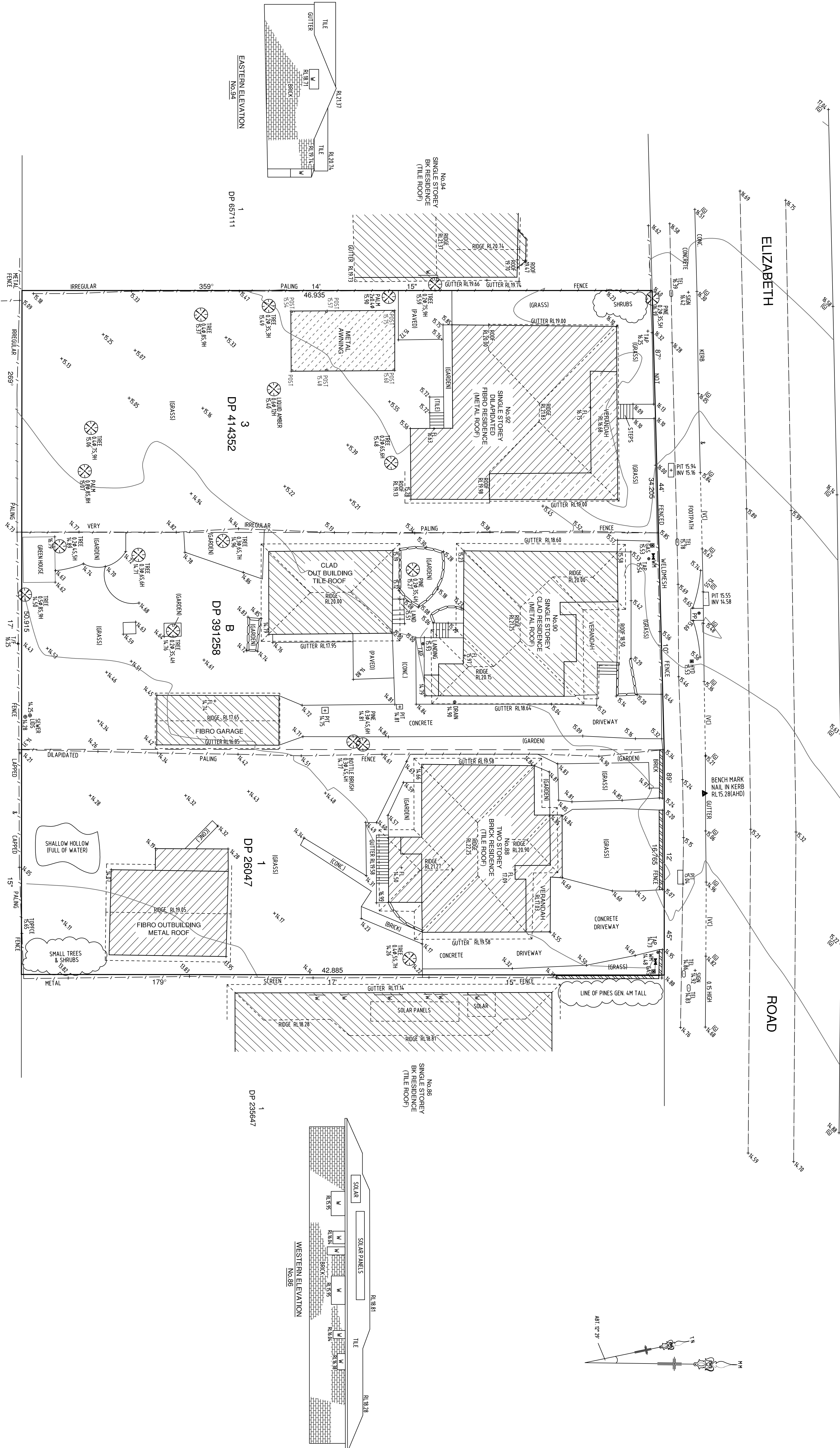
Dre DSF Hdi Kru LJR PX Vhe

GROUND FLOOR PROPOSED PLANT SCHEDULE

KEY	SPECIES	COMMON NAME	ORIGIN	HEIGHT x SPREAD (m)	DENSITY	POT SIZE
Trees						
Cau	Cyathea australis	Rough Tree Fern	Native	2-3 x 2	as shown	mature
RF	Robinia pseudoacacia 'Frisia'	Golden Robinia	Exotic	9 x 6	as shown	100L
Tla	Tristaniopsis laurina	Watergum	Native	8 x 6	as shown	100L
Hedges						
SBB	Syzygium australe 'Baby Boomer'	Dwarf Lilly Pilly	Native	1.5 x 1.5	0.8m ctrs	300mm
SNS	Syzygium australe 'Northern Select'	Lilly Pilly	Native	5 x 1.5	0.8m ctrs	300mm
Shrubs & Features						
Aat	Agave attenuata	Agave	Exotic	1 x 1	3/m2	300mm
Cmi	Clivia miniata	Clivia	Exotic	1 x 1	6/m2	300mm
RSM	Raphiolepis indica 'Snow Maiden	Dwarf Raphiolepis	Exotic	0.75 x 0.5	0.5m ctrs	300mm
Wfr	Westringia fruticosa	Coastal Rosemary	Native	1.5 x 1	6/m2	300mm
Grasses & Tufted Plants						
DLJ	Dianella 'Little Jess'	Paroo Lily	Native	0.5 x 1	6/m2	150mm
Dex	Doryanthes excelsa	Gymea Lily	Native	1.5-2 x 2	3/m2	300mm
LJR	Liriope muscari 'Just Right'	Giant Liriope	Exotic	1 x 1	6/m2	150mm
LT	Lomandra longifolia 'Tanika'	Spiny Headed Mat Rush	Native	0.5 x 1	6/m2	150mm
Groundcovers						
Dre	Dichondra repens	Kidney Weed	Native	0.1 x 2	6/m2	150mm
DSF	Dichondra argenta 'Silver Falls'	Kidney Weed	Exotic	0.1 x 2	6/m2	150mm
Hdi	Hibbertia diffusa	Guinea Flower	Native	0.2 x 2	6/m2	150mm
Kru	Kennedia rubicunda	Dusky Coral Pea	Native	0.2 x 2	6/m2	150mm
LJR	Liriope 'Just Right'	Giant Liriope	Exotic	1 x 1	6/m2	150mm
PX	Philodendron 'Xanadu'	Xanadu	Exotic	1 x 1	6/m2	150mm
Vhe	Viola hederacea	Native Violet	Native	0.1 x 2	6/m2	150mm

REVISION HISTORY		
REVISION	DESCRIPTION	DATE APPROVED
A	GATEWAY 2.2	12/10/17
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C	GATEWAY 2.3	08/12/17
D	DA ISSUE	22/01/18
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CLIENT		
St George Community Housing Ltd.		
PROJECT		
88-92 Elizabeth Drive, Liverpool, NSW		
DRAWING TITLE		
PROPOSED PLANTING- LEVEL 0		
Sheet 1 of 1		
SCALE		
NTS @ A1		
DRAWN	CHECKED	PLOT DATE
SM	SM	22/01/18
PROJECT No.	DRAWING No.	REVISION
17_009	LC02	D
Simone Marsh trading as: Stitch Design Studio 19 Newman Street, Newtown NSW, 2042		P: 0431 867 167 E: simone@stitchstudio.com.au www.stitchstudio.com.au ABN: 75972357129





NOTES:

- 1) TITLE BEARINGS AND DIMENSIONS ARE SHOWN.
- 2) BOUNDARY REDEFINITION HAS NOT BEEN UNDERTAKEN.
- 3) SITE COMPRISES LOT 1 DP 26047, LOT 2 DP 391258 & LOT 3 DP 414352.
- 4) SITE AREA 2422 m² BY TITLE DIMENSIONS.
- 5) UNDERGROUND SERVICES HAVE NOT BEEN INVESTIGATED.
- 6) (G) DENOTES GUTTER LEVEL.
- 7) TREE NAMES SHOWN CONSTITUTE OUR OPINION ONLY. IF TREE SPECIES IDENTIFICATION IS IMPORTANT FOR DESIGN OR HERITAGE REASONS THEY SHOULD BE DETERMINED BY A QUALIFIED ARBORIST.

ISSUE		DATE		AMENDMENT	
TITLE:		PLAN SHOWING SELECTED DETAIL & LEVELS OVER		REFERENCE: 24485	
LGA:		LIVERPOOL		DATE: 24-3-17	
CLIENT :		SGCH		SHEET	
SCALE (AT A1)		1:150		SURVEYOR: AW	
DATUM: AHD				1	
Norton Survey Partners		SURVEYORS & LAND TITLE CONSULTANTS		A.C.N. 199 734 968	
				SUITE 1	
				670 DARLING STREET	
				ROZELLE N.S.W. 2039	
				PH: +61 2 9555 7244	
				FM: +61 2 9553 2766	
				office@nortonpartners.com.au	

