

CDC WARRIEWOOD BUS DEPOT

LOT 202 DP 1019363
15 JUBILEE AVE WARRIEWOOD

SCHEDULES - DRAWING LIST - DA

DA01	SCHEDULES	NOTES & LEGEND
DA05	PLAN - SITE	SITE ANALYSIS & DEMOLITION
DA10	PLAN - SITE	PLAN - SITE & ROOF
DA11	PLAN - GENERAL ARRANGEMENT	PLAN - STAGE 1
DA13	PLAN - GENERAL ARRANGEMENT	SHADOW DIAGRAMS
DA16	ELEVATIONS & SECTIONS	SECTIONS - SITE
DA20	GENERAL ARRANGEMENT	OFFICE & ACOUSTIC WALL
DA21	GENERAL ARRANGEMENT	FUEL BAY
DA40	DETAILS	SIGNAGE

LOCATION PLAN



LEGEND - SYMBOLS

	GRIDLINE
	CODE - REFER SCHEDULES
	FLOOR HEIGHT
	CEILING HEIGHT
	SPOT LEVEL EXIST PROPOSED
	DOOR NUMBER
	WINDOW NUMBER
	ELEVATION REFERNECE
	SECTION REFERENCE
	INTERNAL ELEVATION REFERENCE
	DETAIL REFERENCE
	Room name ROOM NAME

LEGEND - NEW WORKS

	EXISTING TO REMAIN
	EXISTING TO BE DEMOLISHED
	SUPPLIED BY CLIENT - GROUP 3

LEGEND - ABBREVIATIONS

ADJ	ADJACENT
AL	ALUMINIUM
AP	ACCESS PANEL
ATO	AS TURNS OUT
BTW	BETWEEN
BLK	BLOCKWORK
BWK	BRICKWORK
CL	CENTRELINE
CJ	CONTROL JOINT
COL	COLUMN
CONC	CONCRETE
COS	CHECK ON SITE
CPT	CARPET
DIA	DIAMETER
DL	DOWNLIGHT
DP	DOWNPIPE
DPM	DAMP PROOF MEMBRANE
EDB	ELECTRICAL DISTRIBUTION BOARD
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
EQ	EQUAL
EQUIP	EQUIPMENT
EXH	EXHAUST
EXIST	EXISTING
[E]	EXISTING
FL	FLOOR
FCL	FINISHED CEILING LEVEL
FFL	FINISHED FLOOR LEVEL
FE	FIRE EXTINGUISHER
FHR	FIRE HOSE REEL
FW	FLOOR WASTE
GL	GLAZING
GPO	GENERAL PURPOSE OUTLET
HWD	HARDWOOD
HWR	HARDWARE
INS	INSULATION
LV	LEVEL
MECH	MECH
MJ	MOVEMENT JOINT
MS	MILD STEEL
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
PT	PAINT
RAD	RADIUS
RV	RIDGE VENT
SIM	SIMILAR
SS	STAINLESS STEEL
TBC	TO BE CONFIRMED
TEL	TELEPHONE
TIM	TIMBER
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
U/S	UNDERSIDE
VP	VENT PIPE

SCHEDULES - MATERIALS & FINISHES

M	MATERIALS
M-FL-DK	FLOOR, DECKING
M-RF-MD	ROOF, METAL DECK COLOUR: GREY
M-RF-DP	DOWNPIPE
M-RF-GU	GUTTER
M-WA-MD	WALL, METAL DECK COLOUR: ORANGE
C	CONSTRUCTION
C-DO-AL	WINDOW, ALUMINIUM FRAMED COLOUR: GREY
C-ST-CO	STRUCTURAL CONCRETE
C-ST-ST	STRUCTURAL STEEL COLOUR: GREY
C-WI-AL	WINDOW, ALUMINIUM FRAMED COLOUR: GREY
F	FITOUT
F-SN-WF/B1	WAYFINDING SIGNAGE, BUILDING IDENTIFICATION
F-FI-LB	LETTER BOX
F-FI-EQ/BW	MOBILE BUS WASH
S	SERVICES
REFER ALSO SERVICES & CIVIL DOCUMENTATION	
S-EL-SS	ELECTRICAL SUBSTATION KIOSK
S-HY-FT	SELF BUNDED FUEL TANK
S-LI-ET	LIGHTING, EXTERNAL POLE LIGHT
S-LI-WL	LIGHTING, EXTERNAL WALL
S-SC-AC/CR	SECURITY, CARD READER
S-SC-AC/IC	SECURITY, INTERCOM
L	LANDSCAPE & EXTERNAL WORKS
REFER ALSO CIVIL & LANDSCAPE DOCUMENTATION	
L-CI-DR	CIVIL DRAINAGE, STORMWATER
L-FI-BO	BOLLARD
L-FN-AC	FENCING, ACOUSTIC COLOUR: GREY TO SUIT ACOUSTIC REPORT
L-FN-BL	FENCING, BLOCKWORK COLOUR: LIGHT
L-FN-CW	FENCING, CHAINWIRE
L-FN-CB	FENCING, COLORBOND
L-FN-GR	FENCING, GUARD RAIL BARRIER
L-FN-PS	FENCING, PALISADE COLOUR: LIGHT
L-PA-CO	PAVEMENT, CONCRETE HARDSTAND
L-PA-KB	PAVEMENT, KERB
L-WA-BL	RETAINING WALL, BLOCKWORK

DO NOT SCALE OFF THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
VERIFY ALL DIMENSIONS ON SITE.
ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.

PRELIMINARY
NOT FOR CONSTRUCTION

M-RF-MD
L-FN-AC

M-WA-MD

L-FN-PS

L-FN-BL

D2

D1

REV

DEVELOPMENT APPLICATION
DEVELOPMENT APPLICATION
REASON FOR ISSUE

2020.08.17

2020.08.12

DATE

PRELIMINARY
NOT FOR CONSTRUCTION

LEGEND - SITE ANALYSIS

- SITE**
- SITE BOUNDARY - SUBJECT SITE
 - EASEMENTS
 - PLANNING CONTROLS
 - LANDSCAPED SETBACK
 - EXISTING - DEMOLISHED
 - EXISTING TREE - DEMOLISHED *
 - EXISTING TREE - RETAINED *
 - TPZ - TREE PROTECTION ZONE *
 - SRZ - STRUCTURAL ROOT ZONE *

* REFER ARBORIST REPORT

ENVIRONMENT

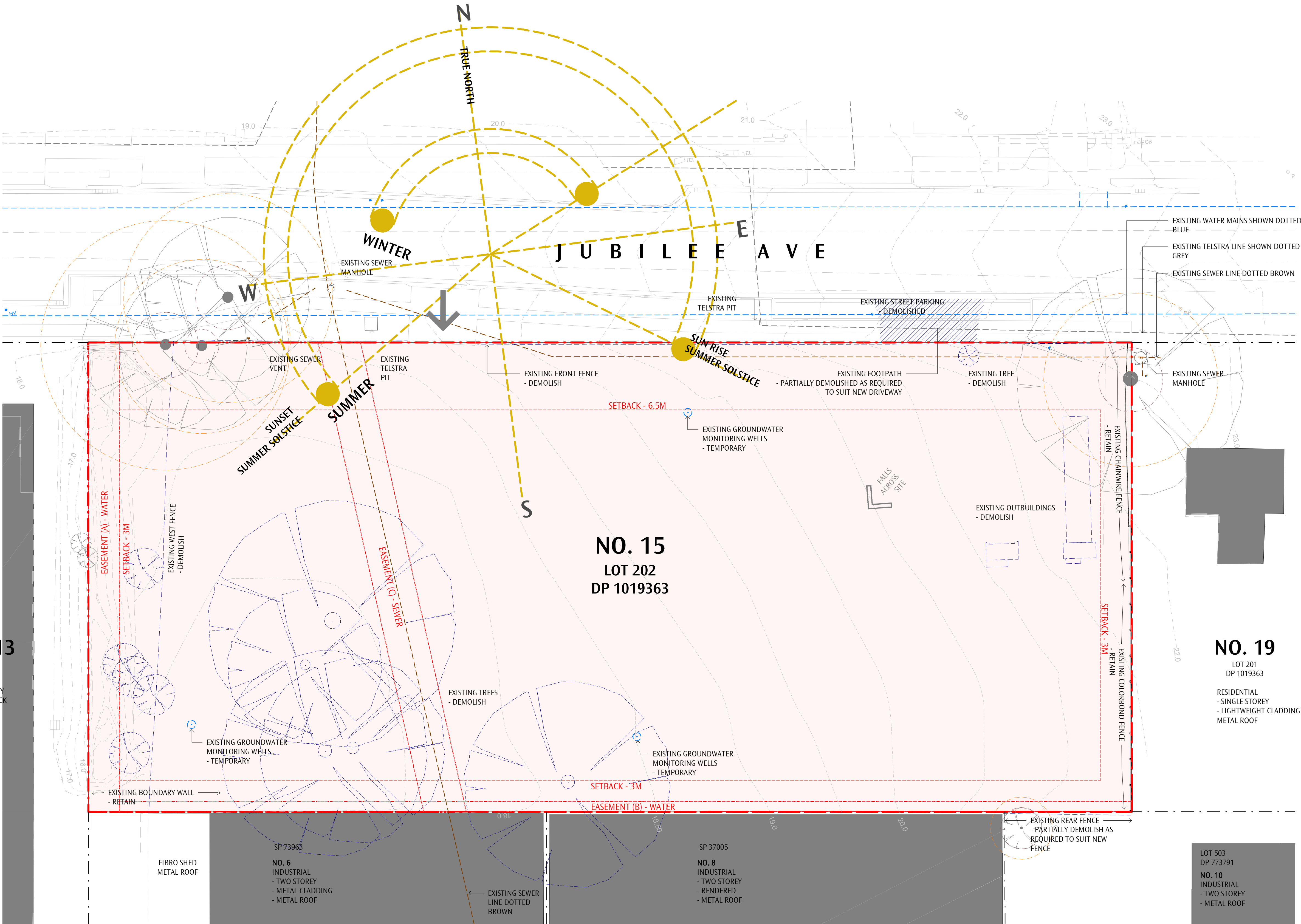
- WIND
- FALLS ACROSS SITE

ACCESS / TRANSPORT

- ACCESS
- PEDESTRIANS
- BUSES
- CARS

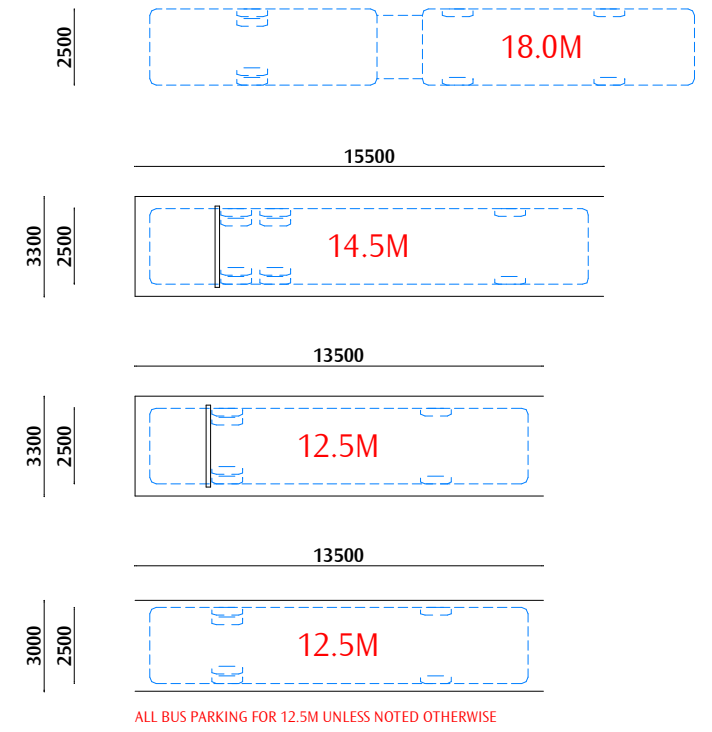
VIEWS / CONNECTIVITY

- VIEWS
- CONNECTIVITY



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PRELIMINARY
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LEGEND - SITE

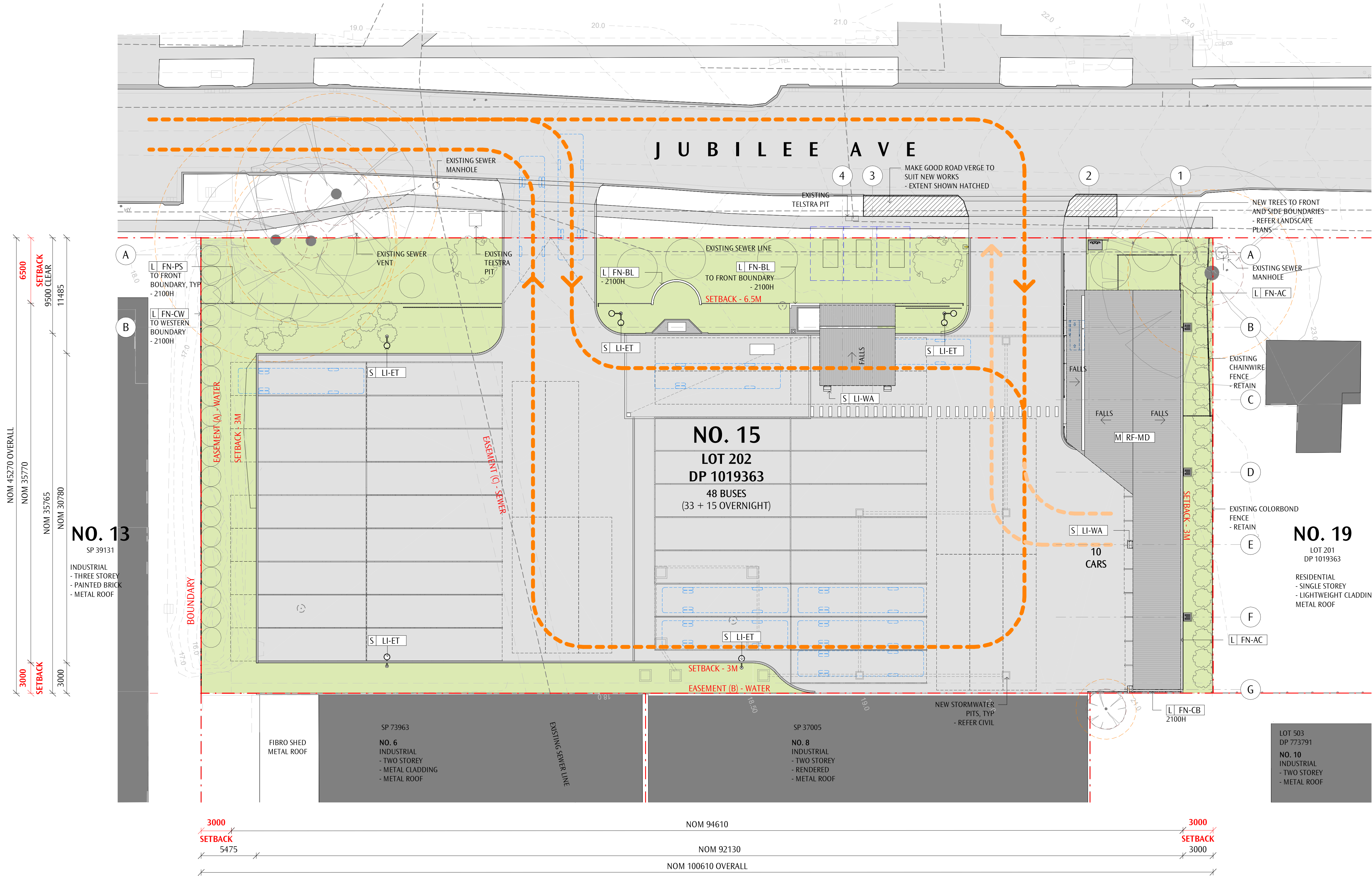
- SITE BOUNDARY - SUBJECT SITE
- EASEMENTS
- PLANNING CONTROLS
- LANDSCAPE - PROPOSED
- CIRCULATION - BUSES
- CIRCULATION - CARS

LEGEND - TREE

- TPZ - TREE PROTECTION ZONE
- SRZ - STRUCTURE ROOTS ZONE

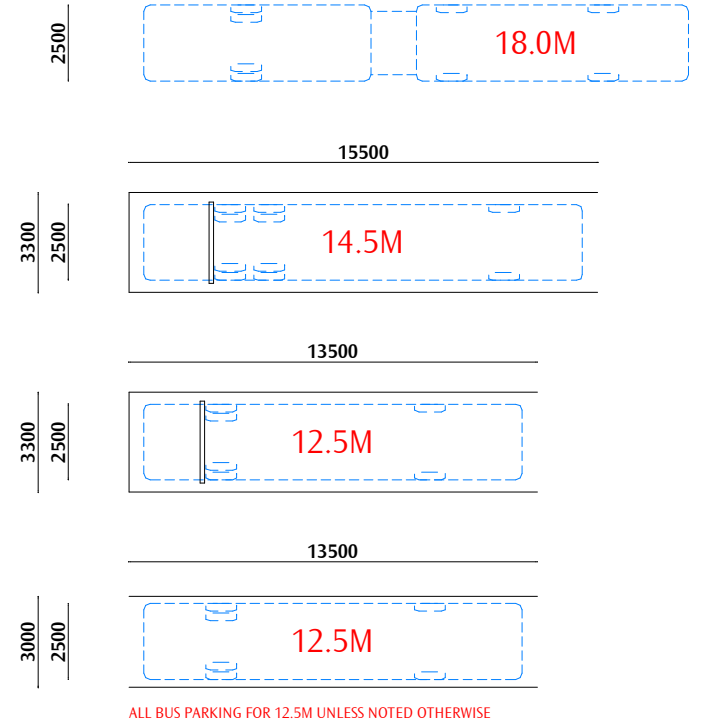
SITE AREA	4554	
	CONTROL	COMPLIES
PITTWATER LEP 2014		
HEIGHT OF BUILDINGS	11M	5.6M
FLOOR SPACE RATIO	1:1	YES
PITTWATER 21 DCP		
D16 WARRIEWOOD VALLEY LOCALITY		
BUILT FORM CONTROLS		
D16.6 BUILDING LINE - FRONT	6.5M	6.5
D16.7 BUILDING LINE - REAR	3.0M	YES
D16.6 BUILDING LINE - SIDE	3.0M	YES
LANDSCAPE AREA (MIN 3M WIDE)	25%	YES

D2	DEVELOPMENT APPLICATION	2020.08.17
D1	DEVELOPMENT APPLICATION	2020.08.12
REV	REASON FOR ISSUE	DATE



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LEGEND - SITE

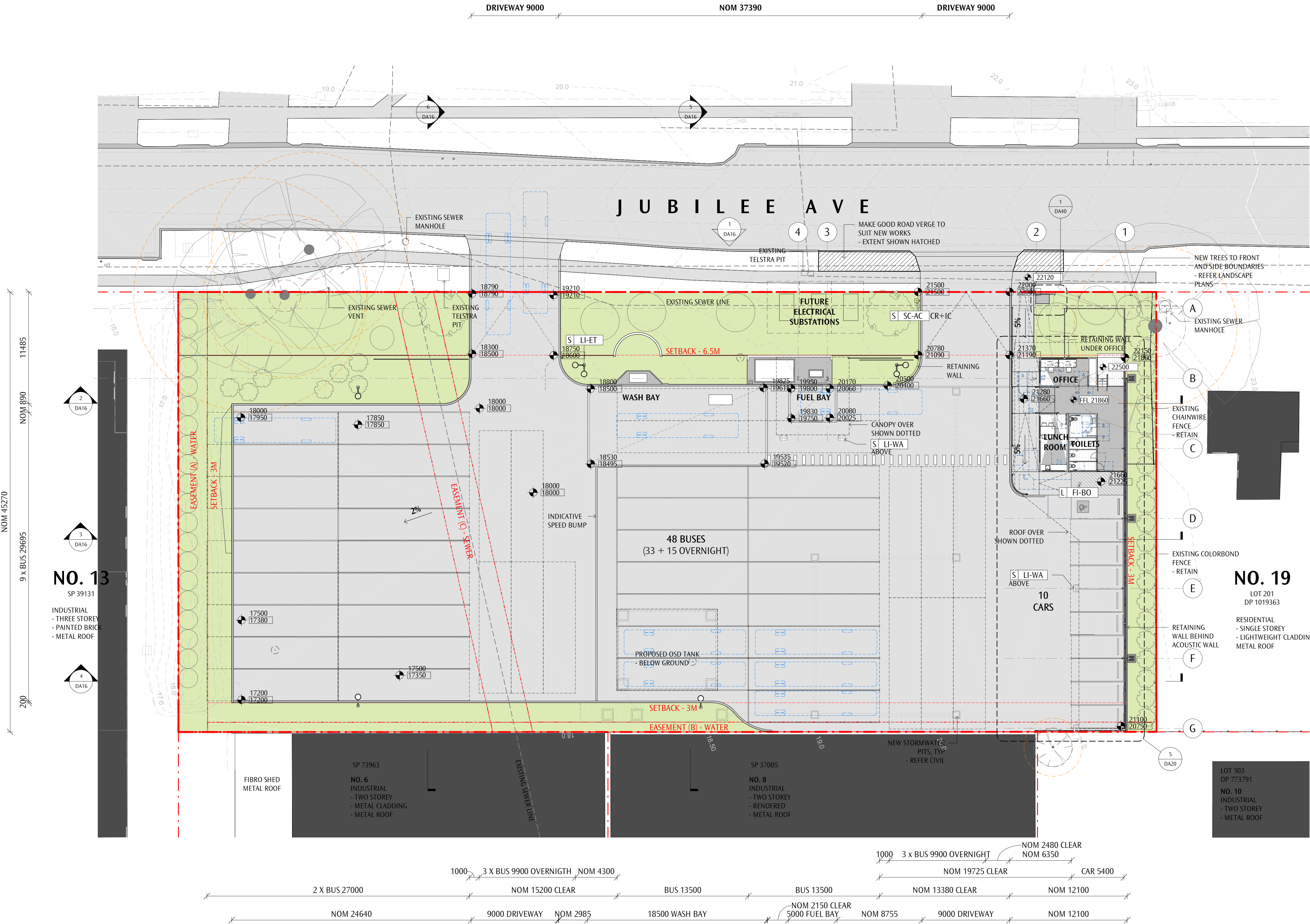
- SITE BOUNDARY - SUBJECT SITE
- EASEMENTS
- PLANNING CONTROLS
- LANDSCAPE - PROPOSED
- CIRCULATION - BUSES
- CIRCULATION - CARS

LEGEND - TREE

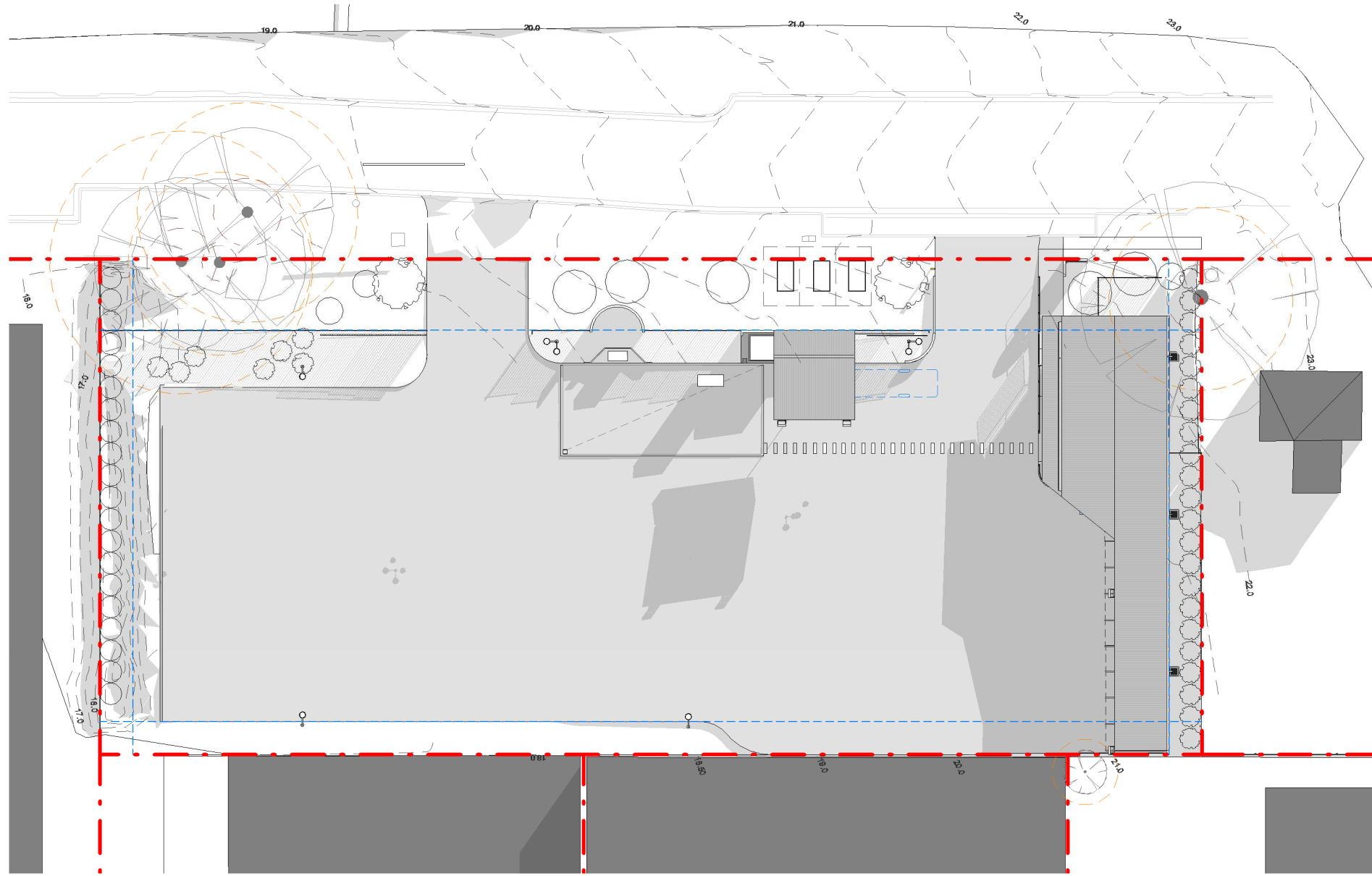
- TPZ - TREE PROTECTION ZONE
- SRZ - STRUCTURE ROOTS ZONE

LANDSCAPE AREA (MIN 3M WIDE)

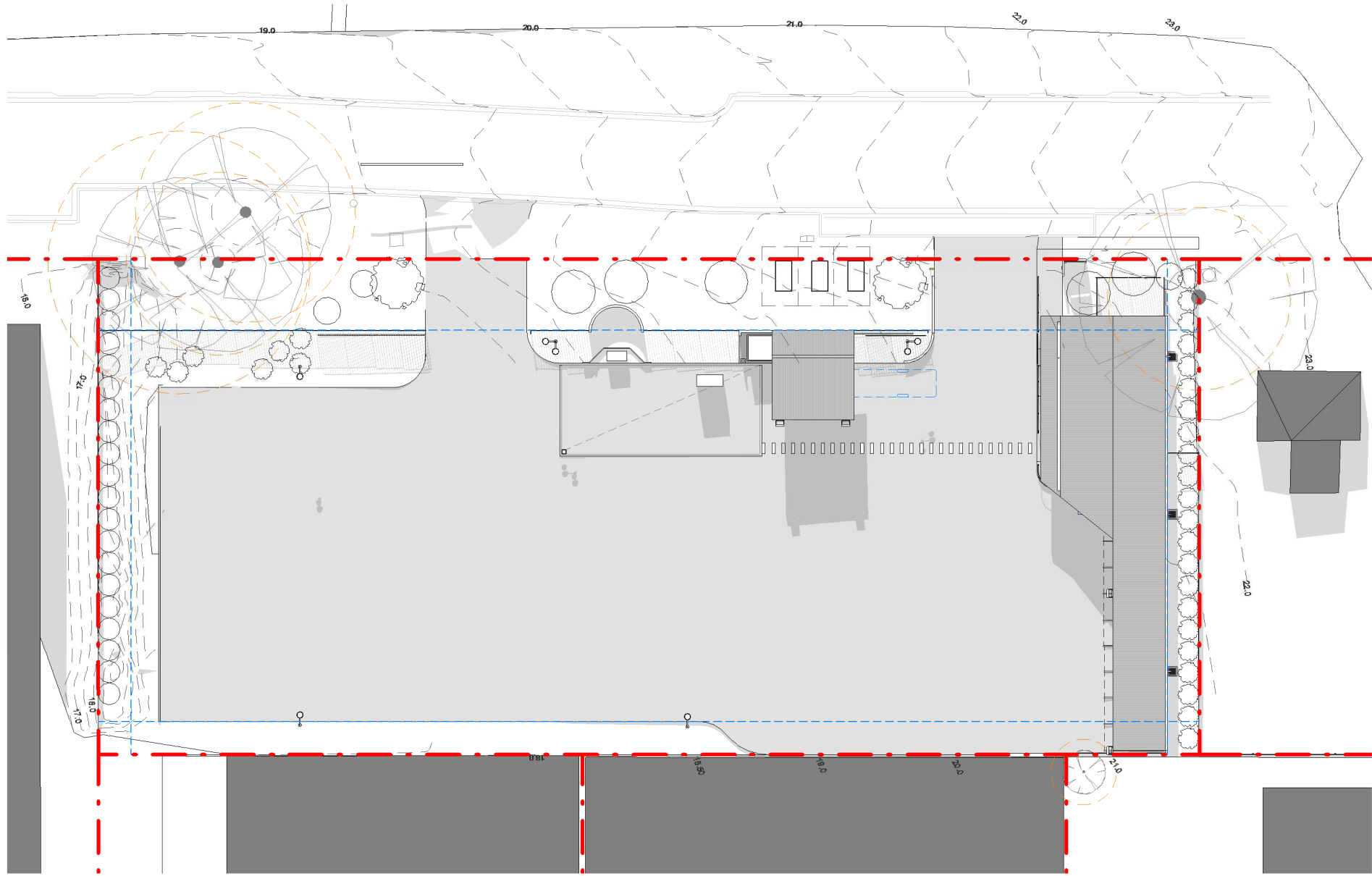
DCP	STAGE 1	STAGE 2
25%	26.1%	25.1%
(1138.5m ²)	(1186.5m ²)	(1144.5m ²)



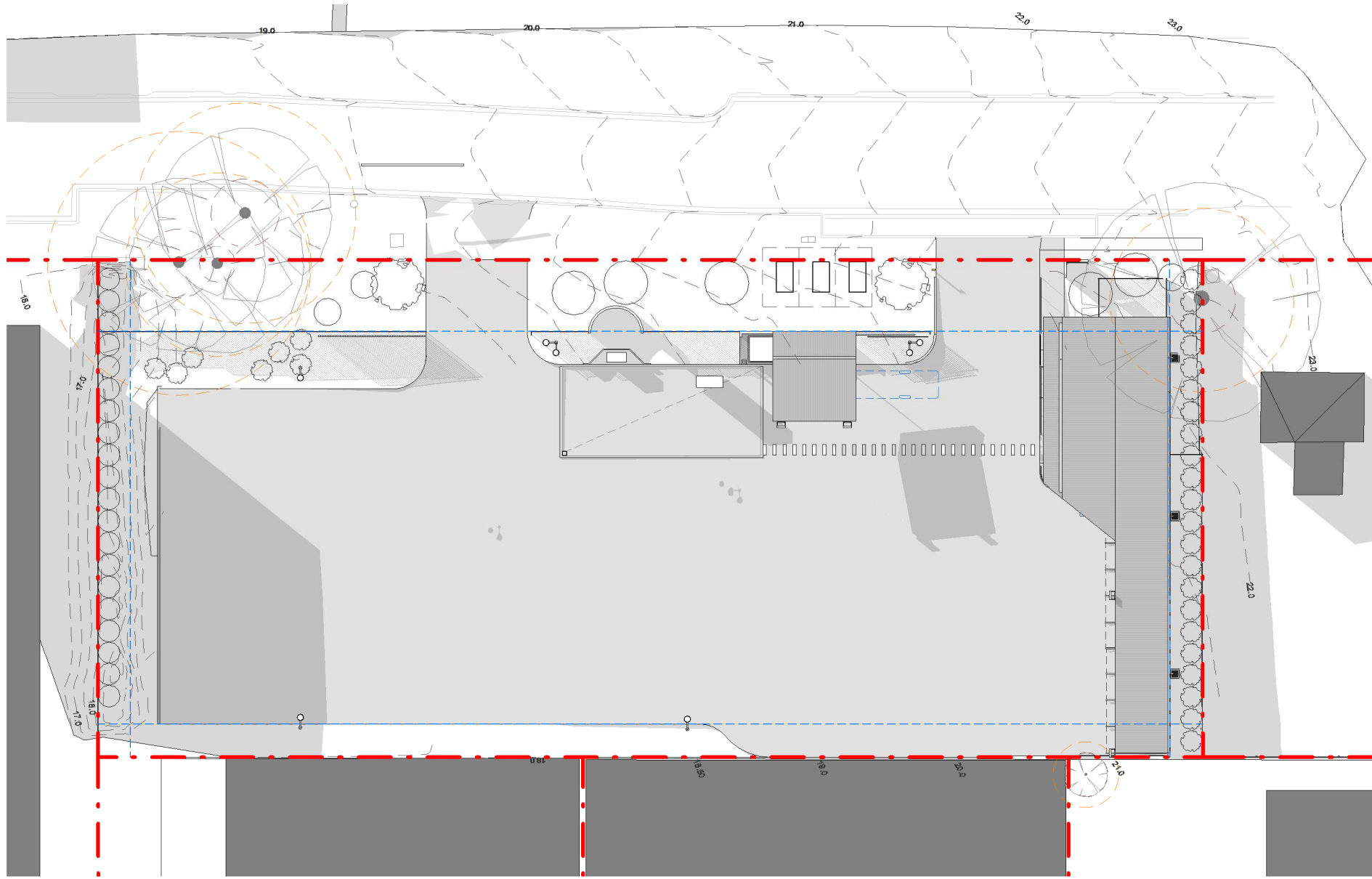
PRELIMINARY
NOT FOR CONSTRUCTION



01 SHADOW DIAGRAMS - 9.00 am
1 : 500



02 SHADOW DIAGRAMS - 12.00 pm
1 : 500

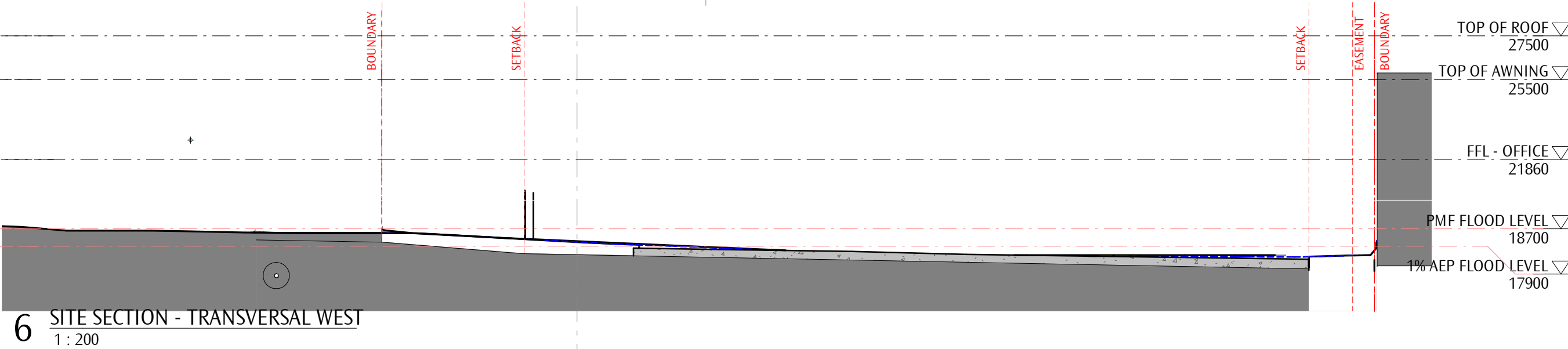
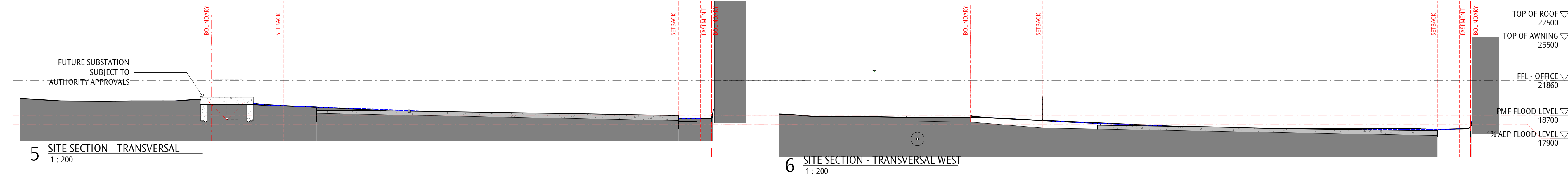
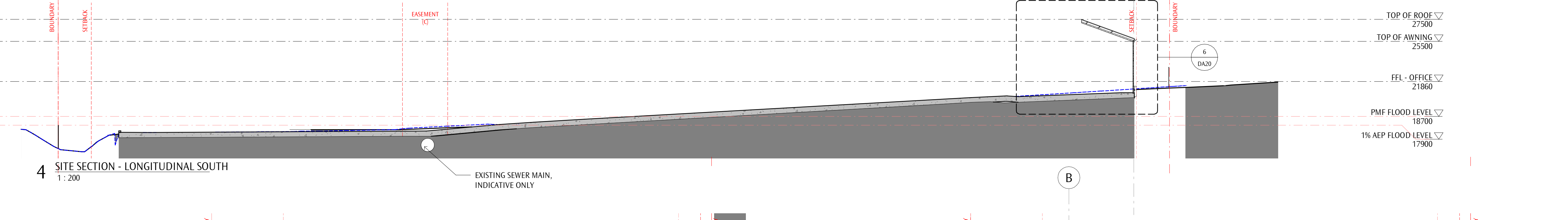
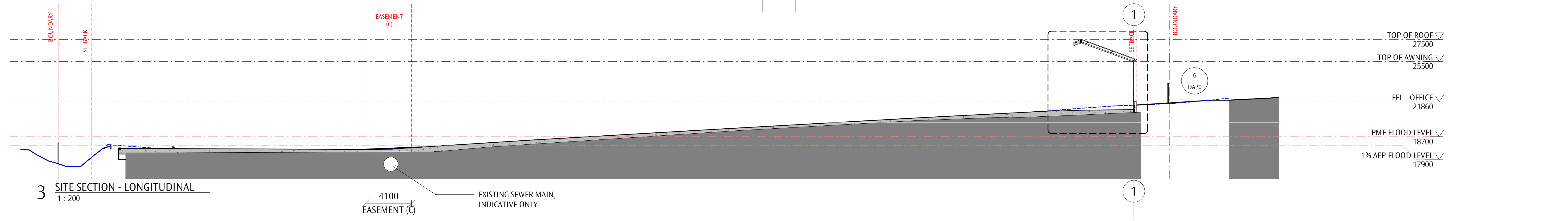
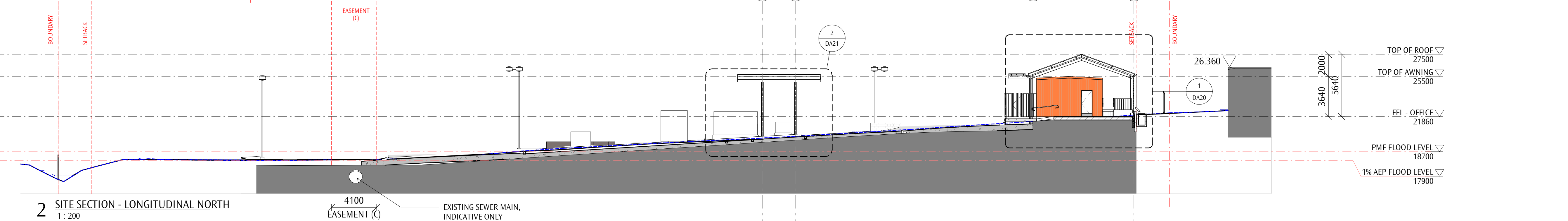
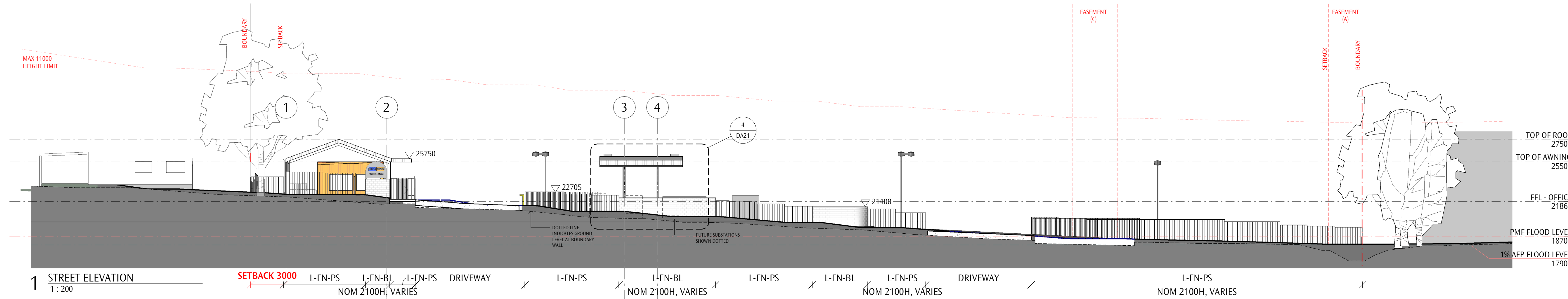
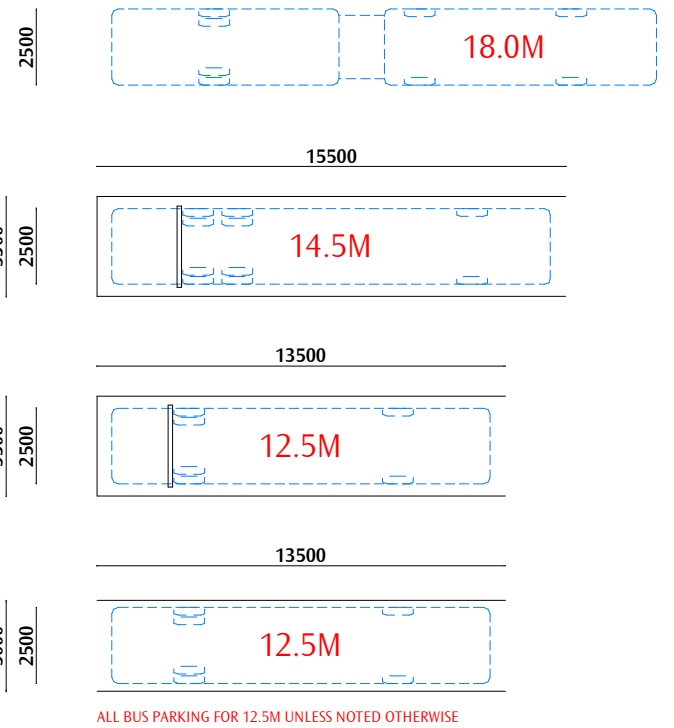


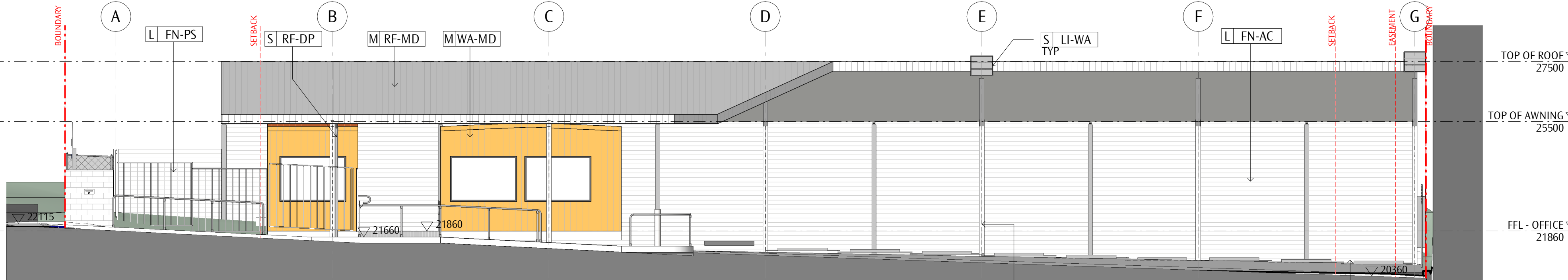
03 SHADOW DIAGRAMS - 3.00 pm
1 : 500



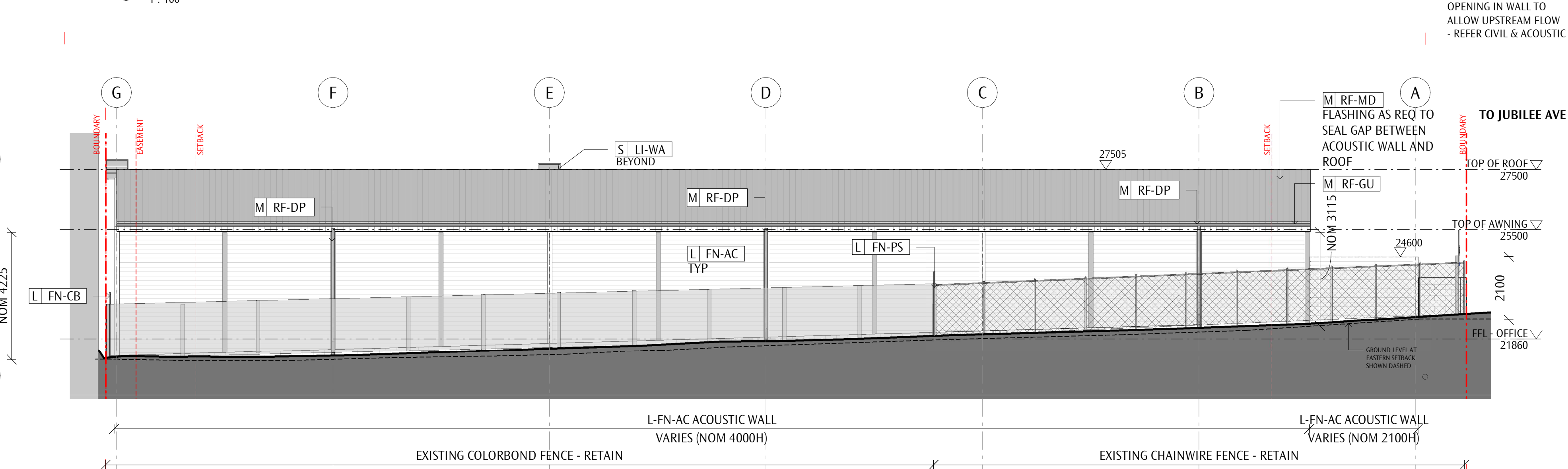
DO NOT SCALE OFF THIS DRAWING. USE FIGURED DIMENSIONS ONLY.
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PRELIMINARY
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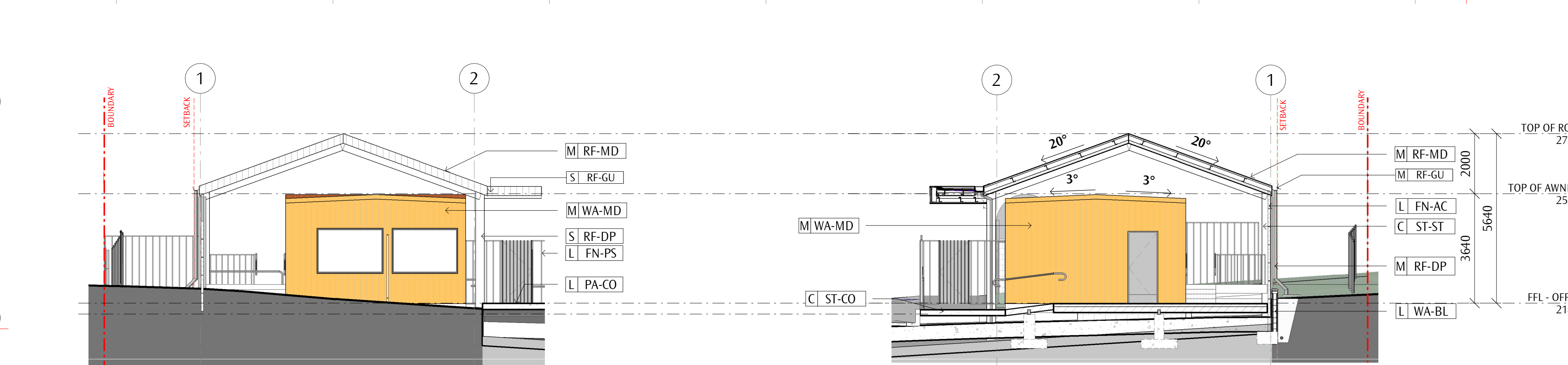




9 ELEVATION - WEST
1 : 100

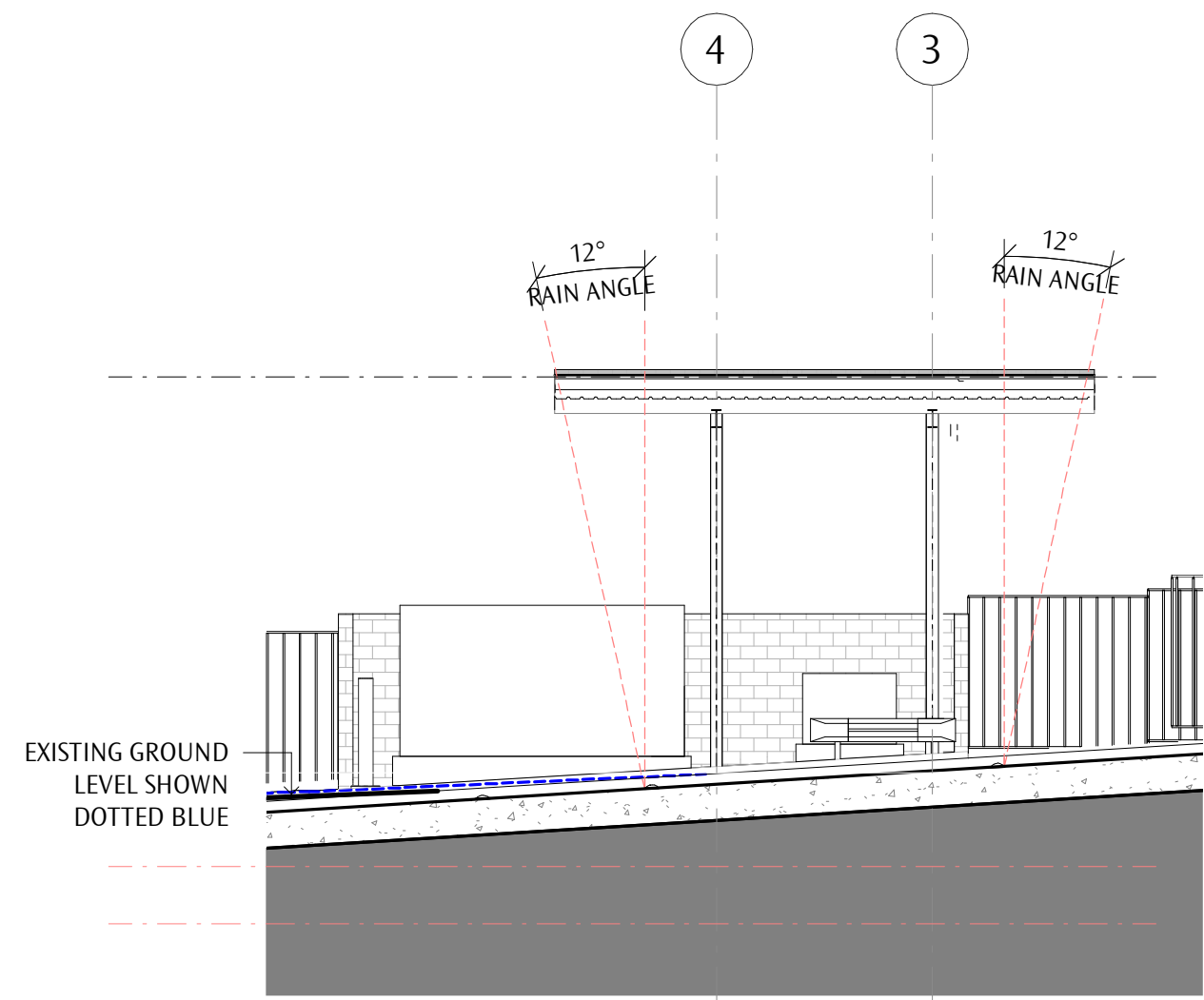


2 ELEVATION - TOILETS UNIT

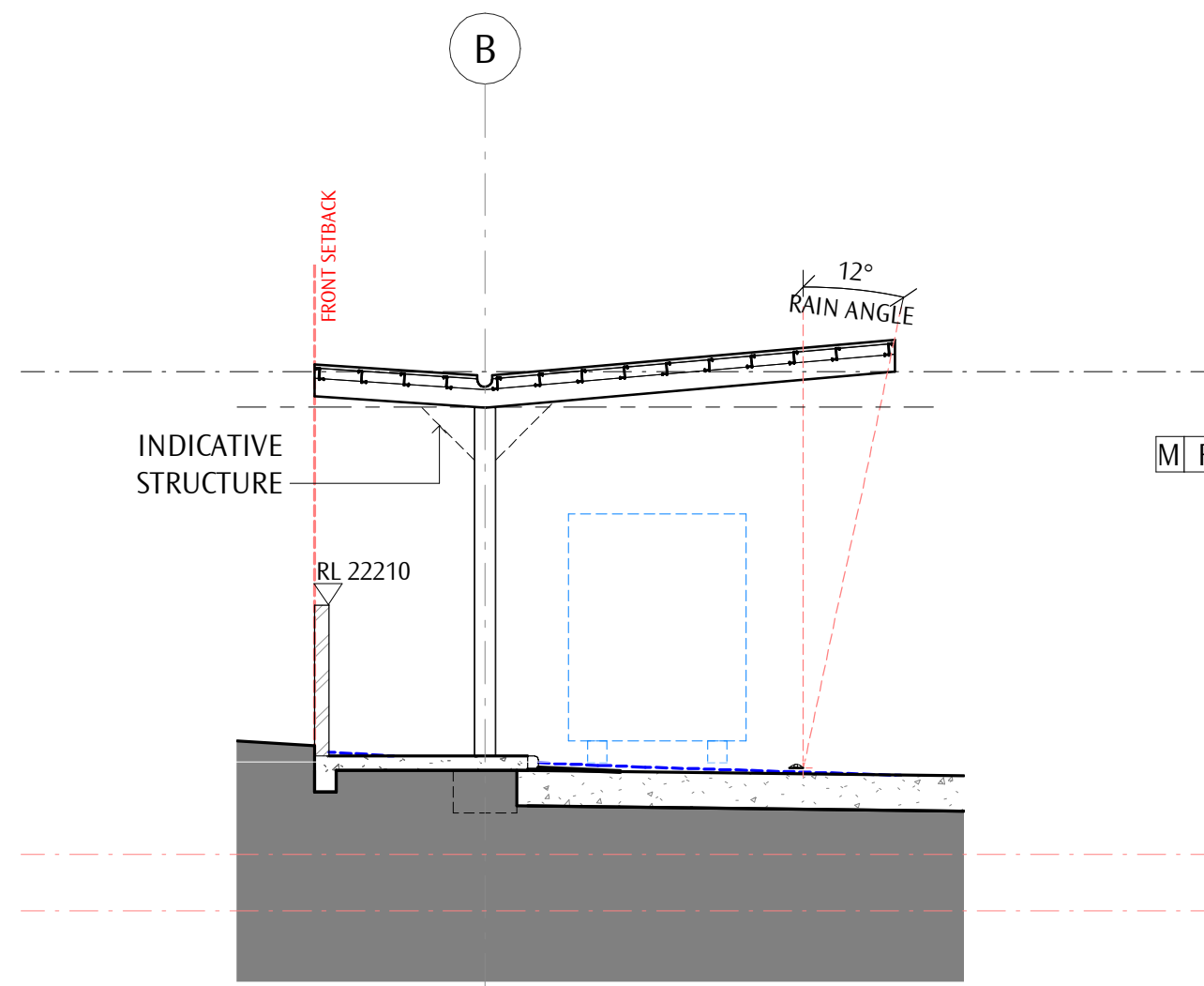
7 EVATION - NORTH
1:100

1 ELEVATION - OFFICE
1 : 100

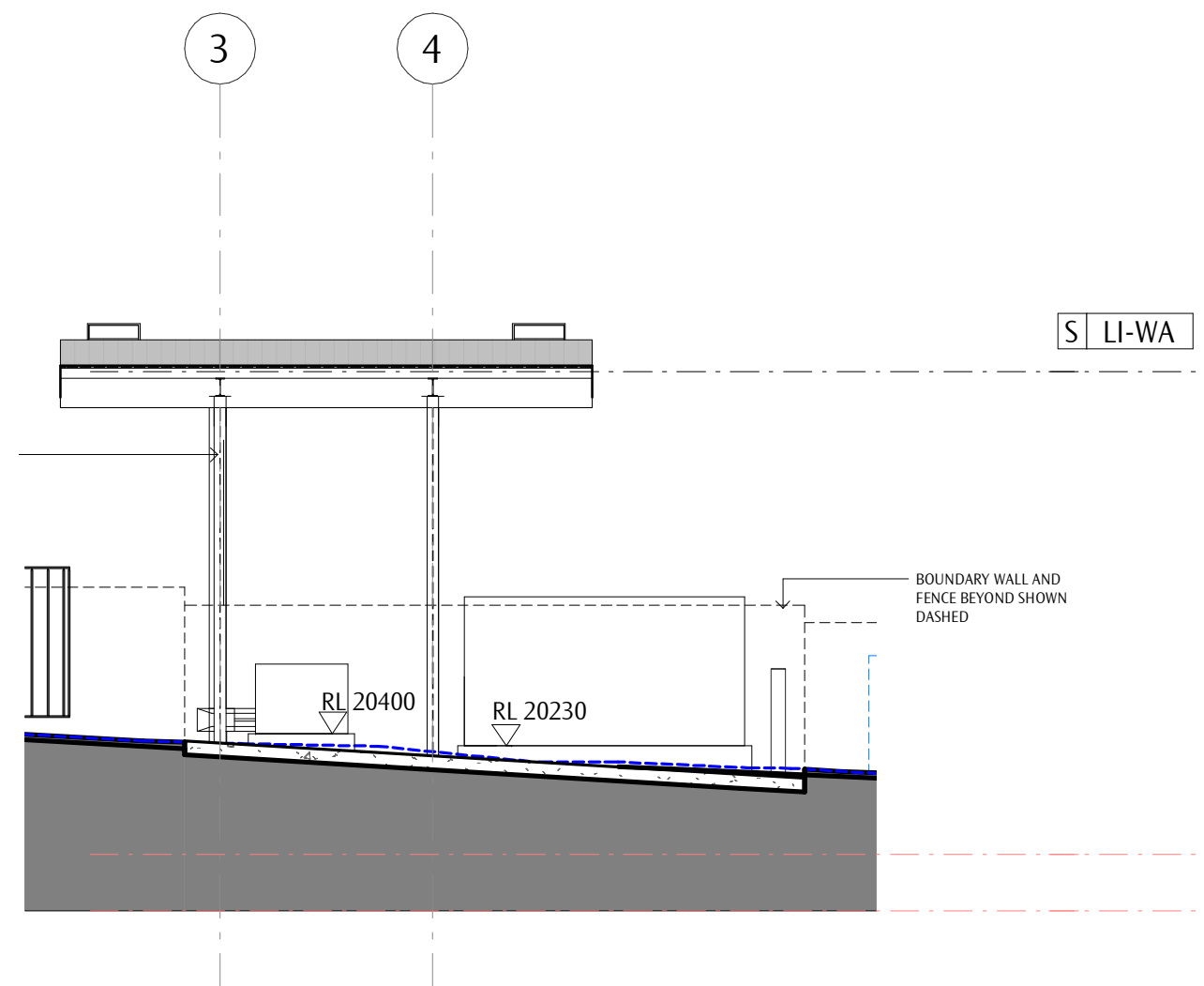
PRELIMINARY
NOT FOR CONSTRUCTION



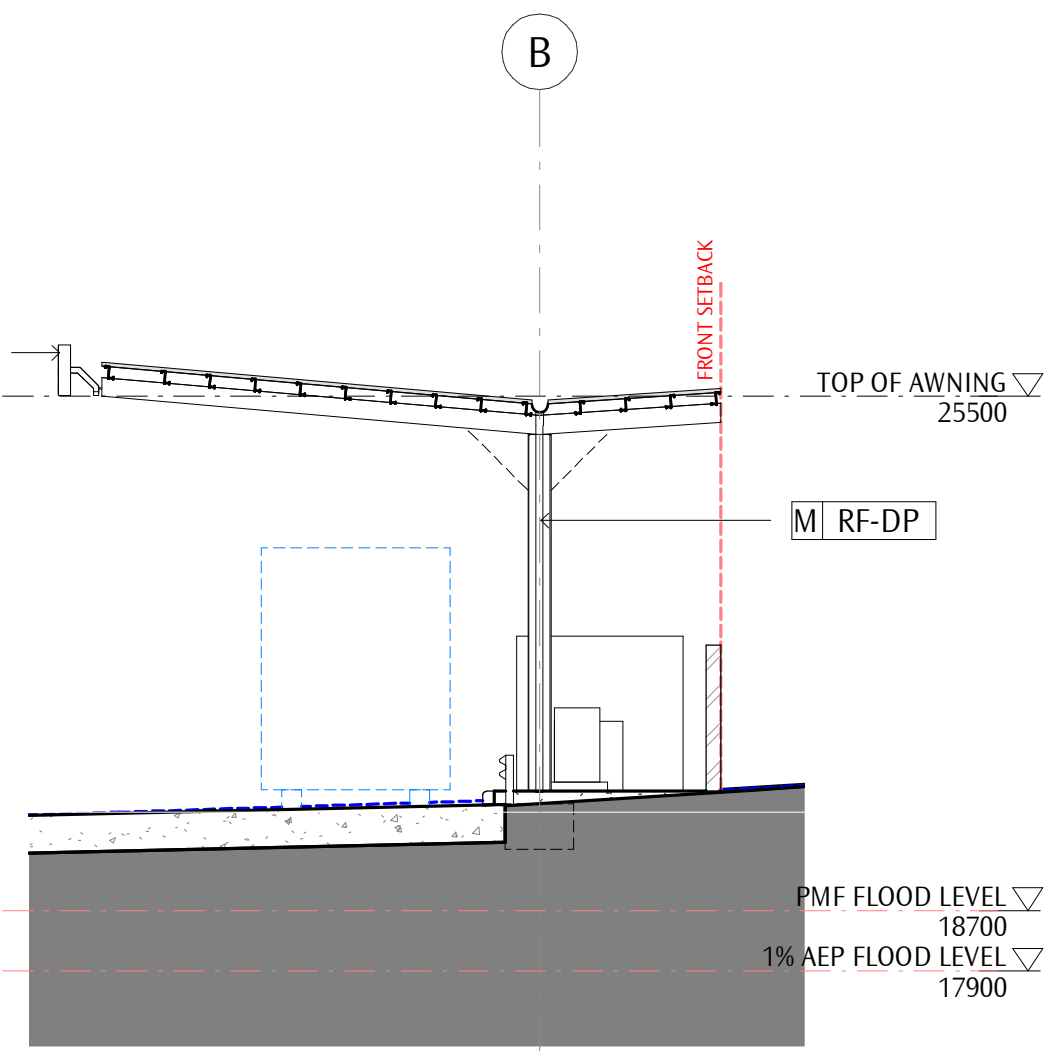
2 ELEVATION - FUEL BAY - SOUTH
1:100



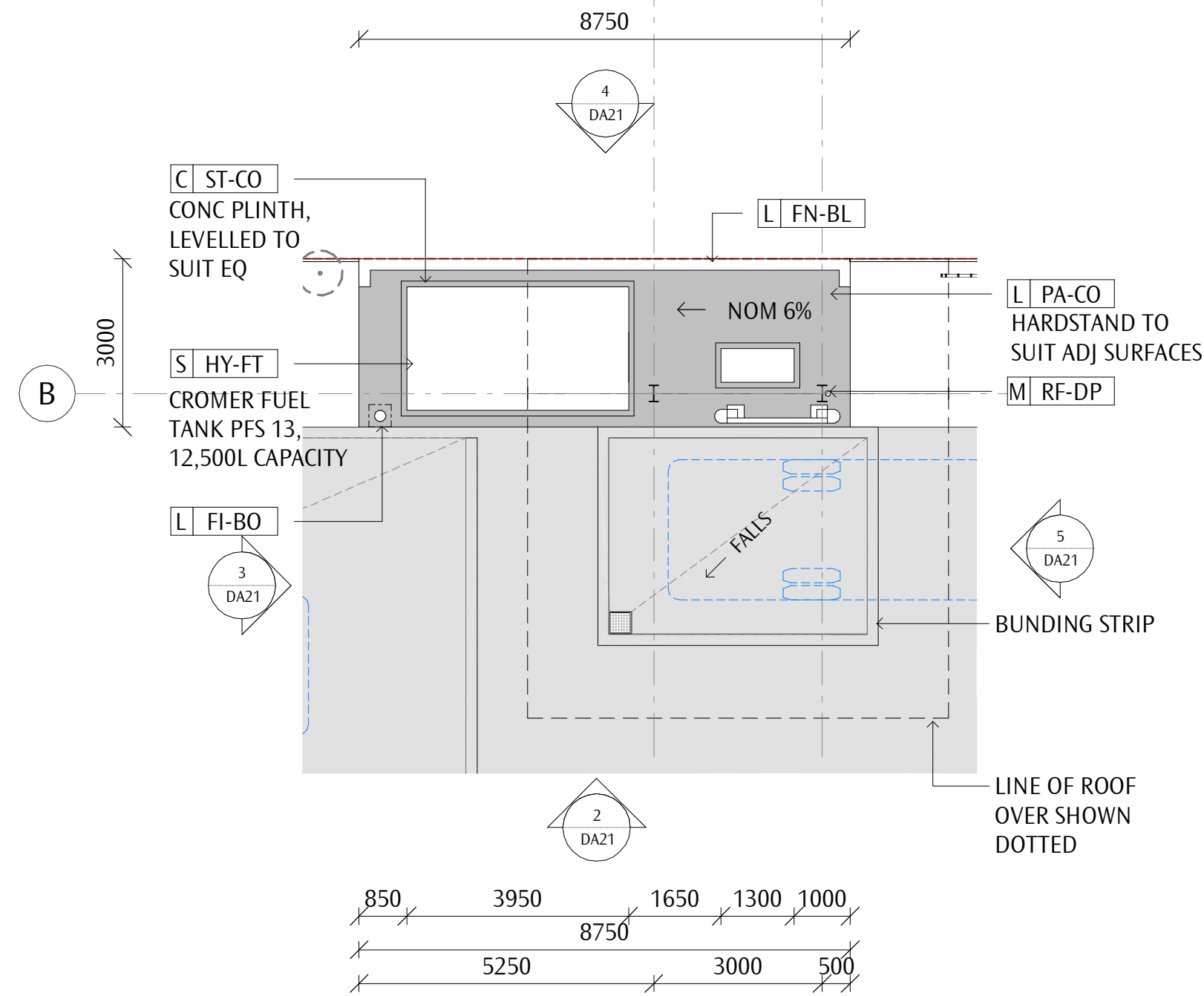
3 ELEVATION - FUEL BAY - WEST
1:100



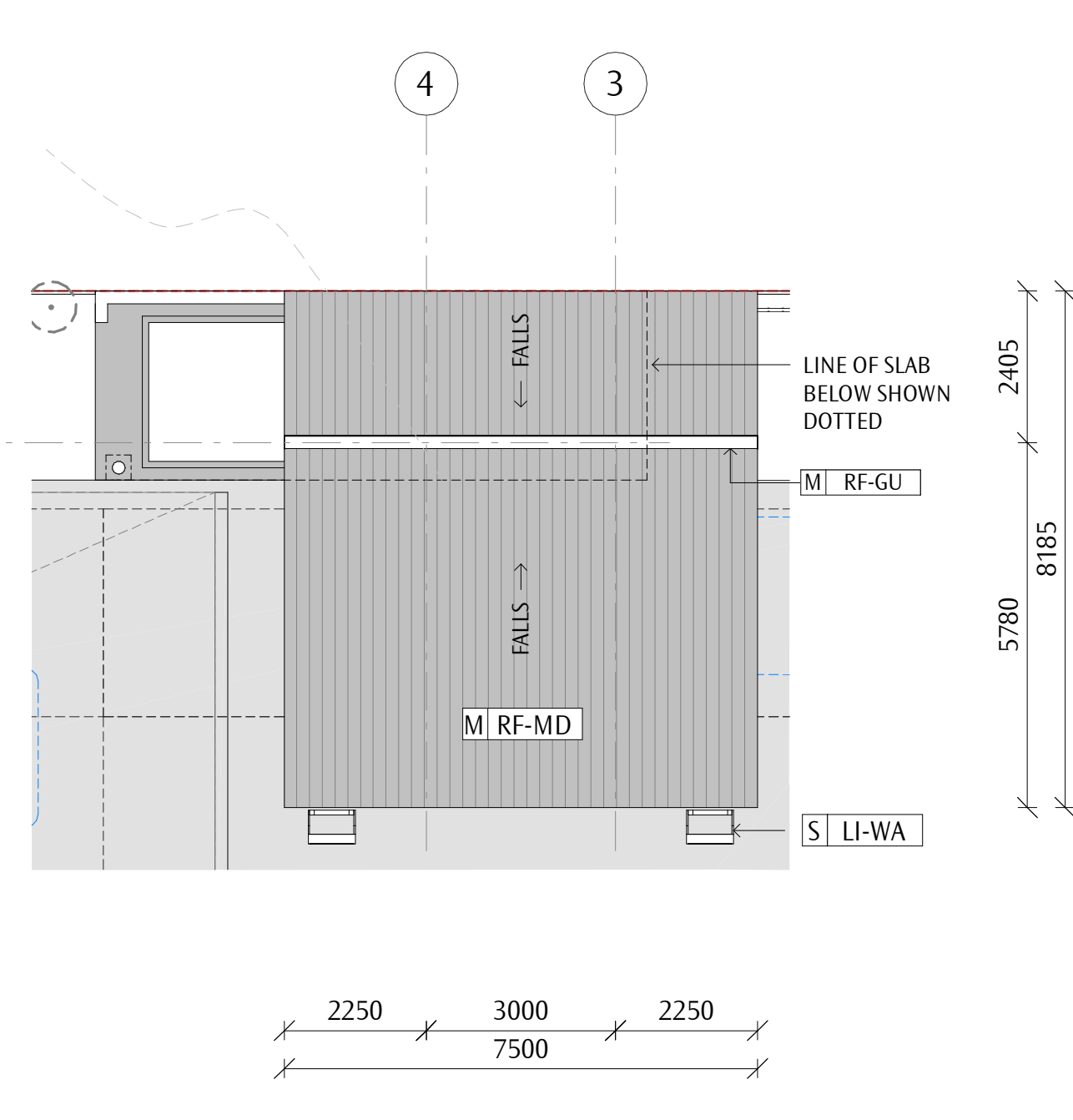
4 ELEVATION - FUEL BAY - NORTH
1:100



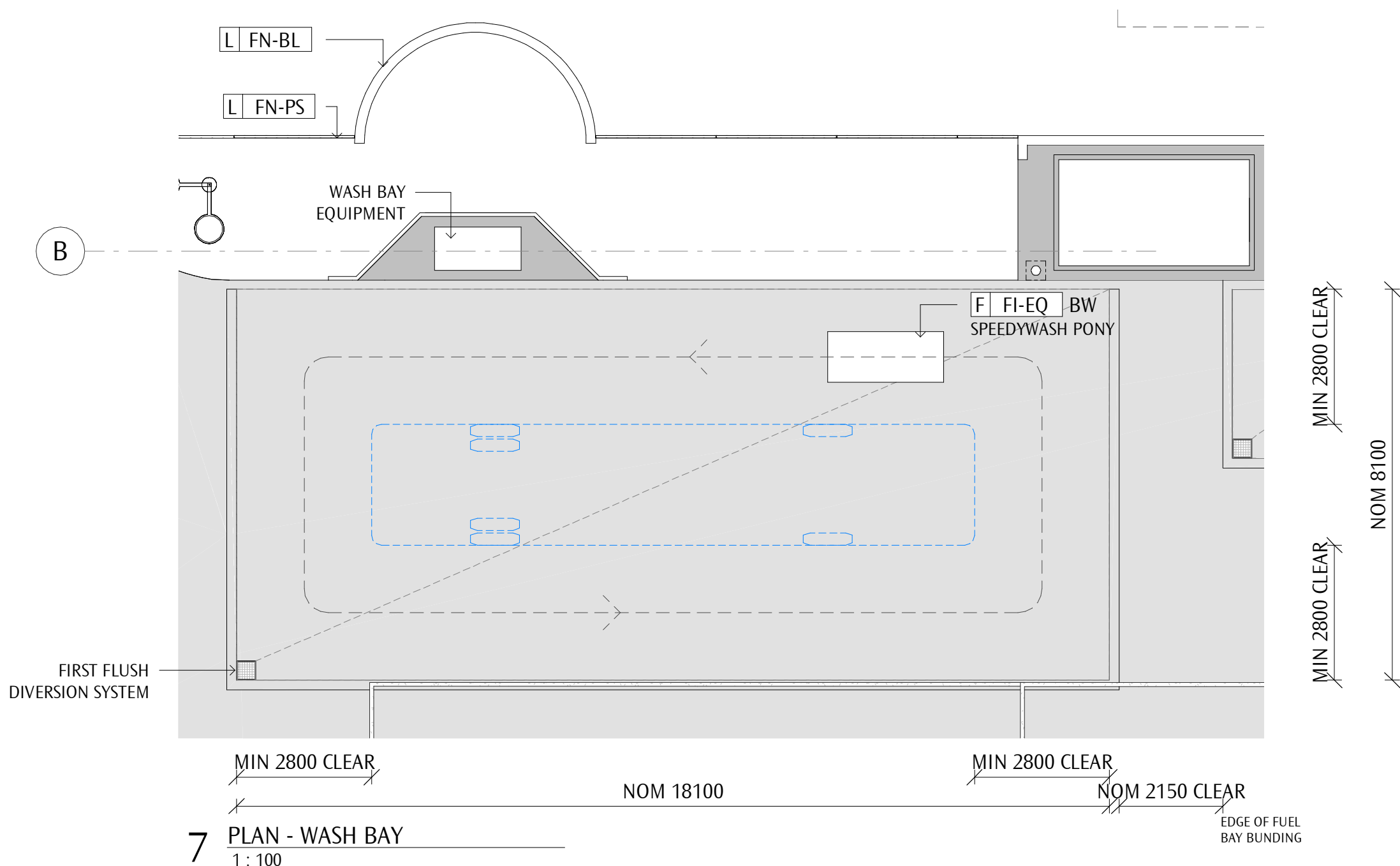
5 ELEVATION - FUEL BAY - EAST
1:100



1 PLAN - FUEL BAY
1:100

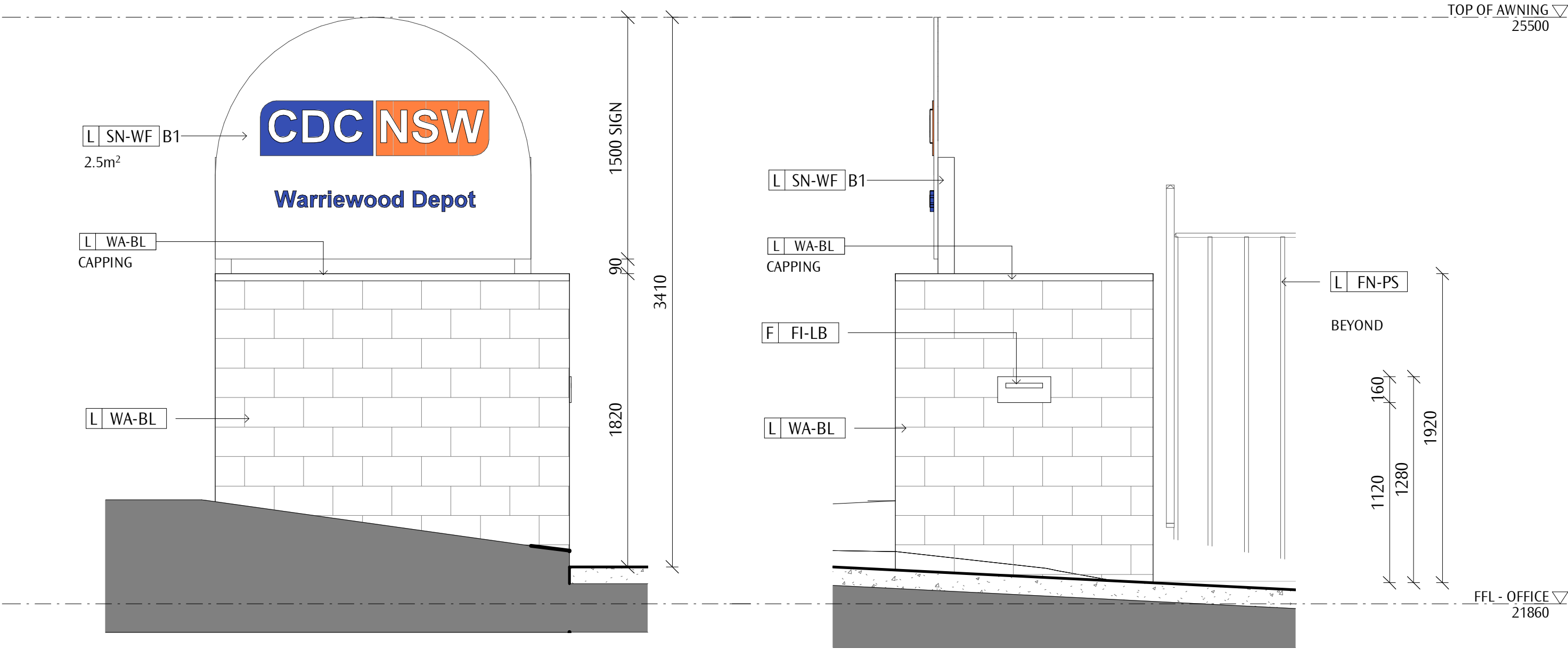


6 PLAN - ROOF - FUEL BAY
1:100



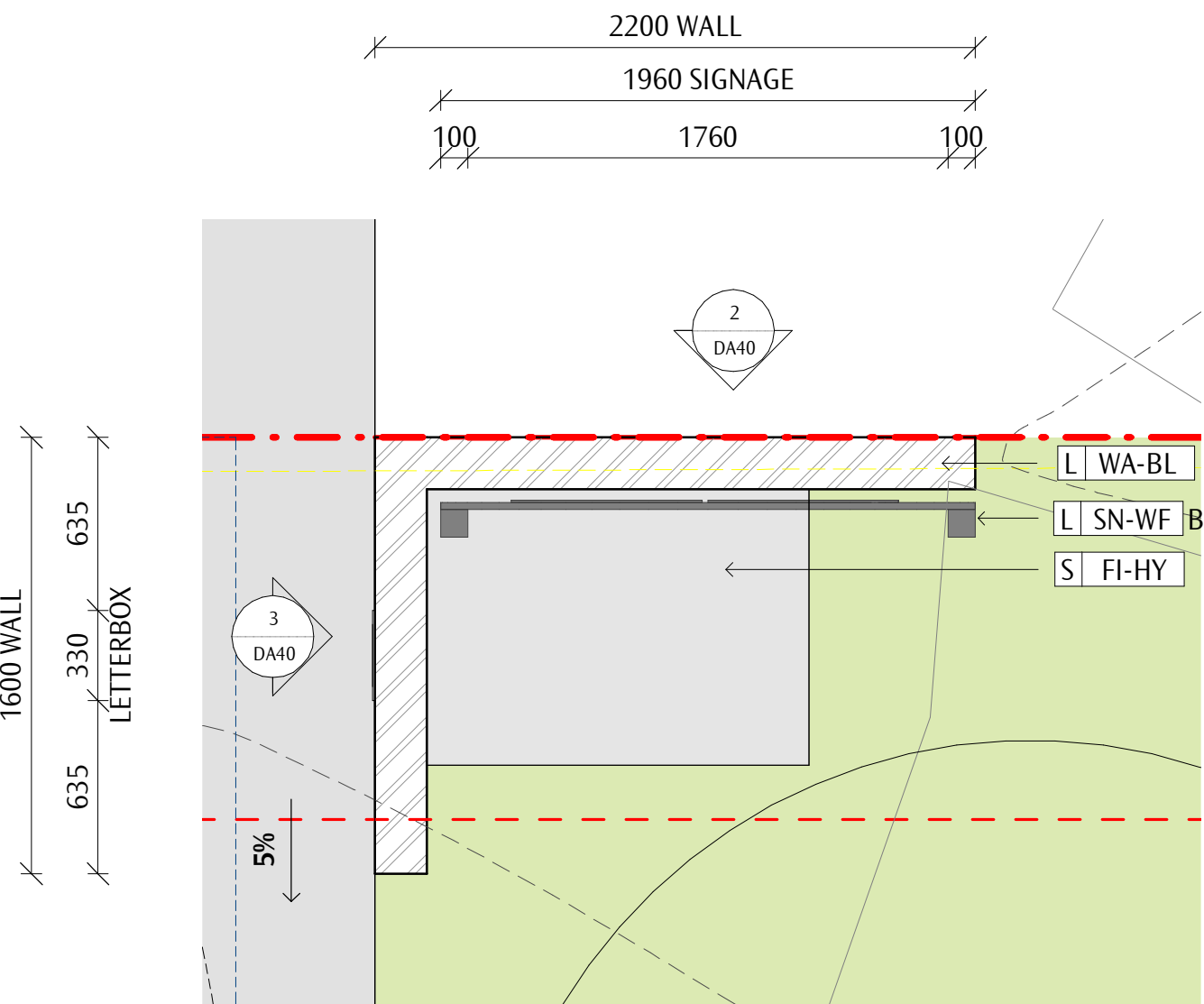
7 PLAN - WASH BAY
1:100

PRELIMINARY
NOT FOR CONSTRUCTION



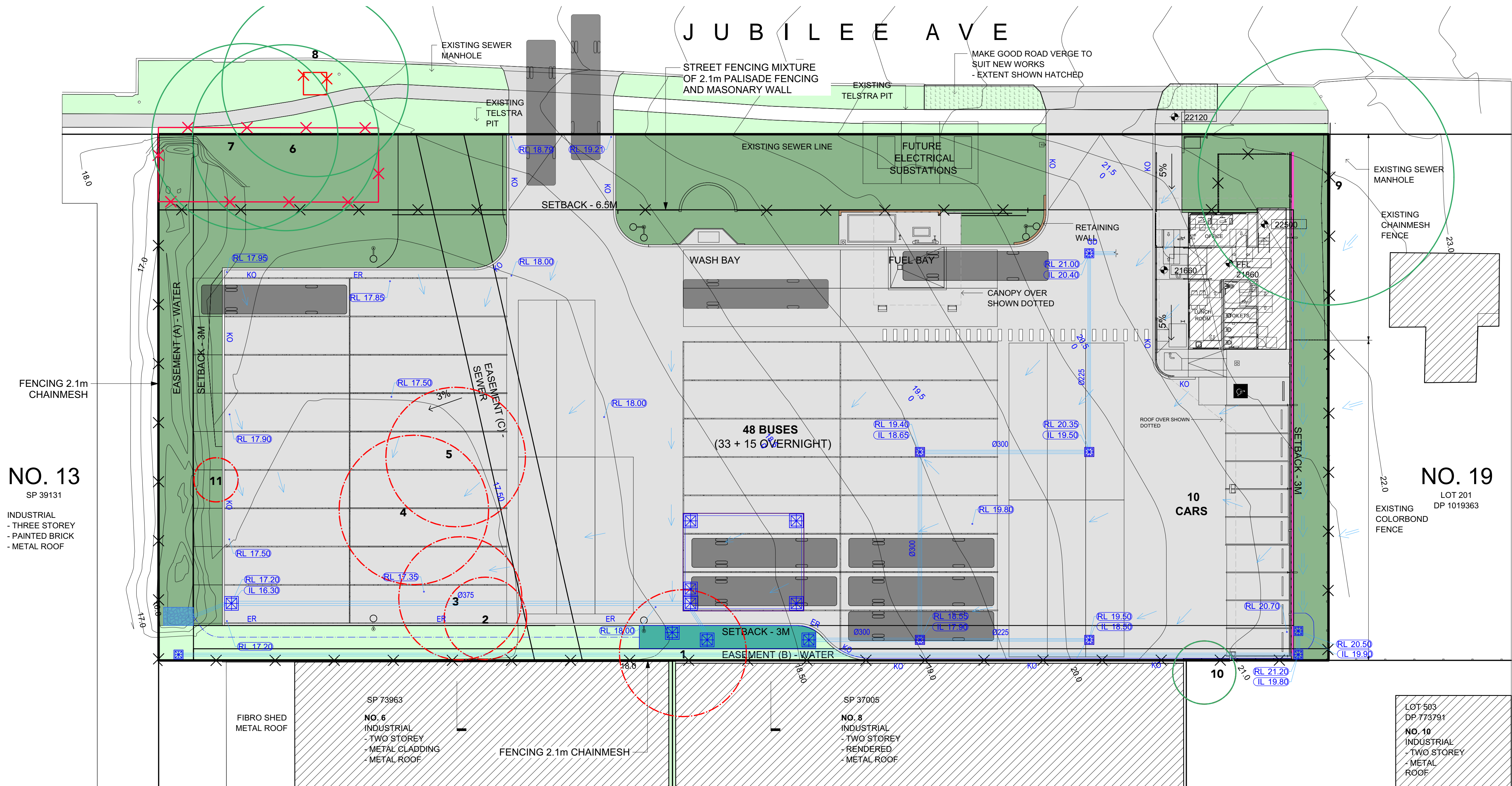
2 ELEVATION SIGNAGE
1 : 25

3 ELEVATION - LETTERBOX
1 : 25



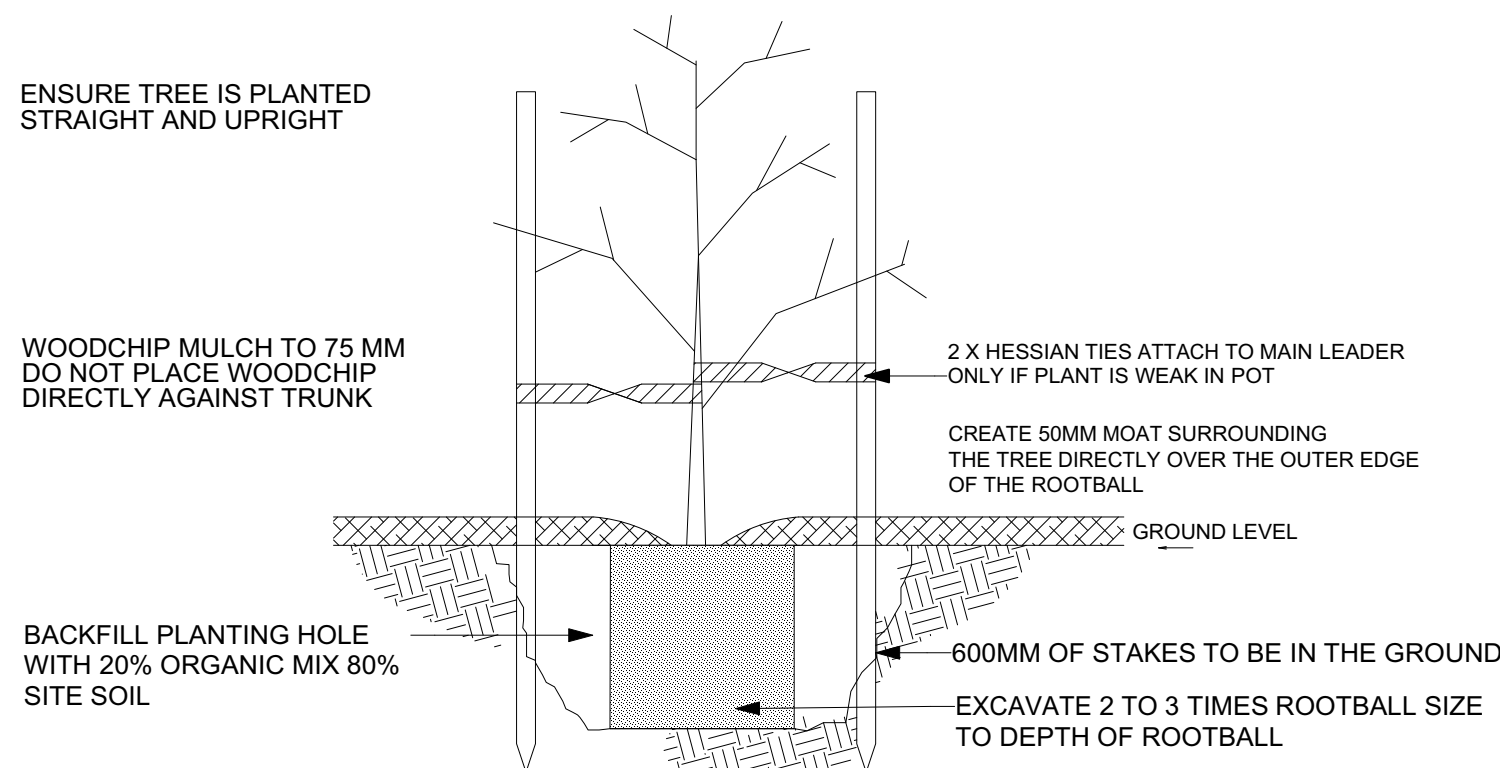
1 FLOOR PLAN - SIGNAGE
1 : 25

D2	DEVELOPMENT APPLICATION	2020.08.17
D1	DEVELOPMENT APPLICATION	2020.08.12
REV	REASON FOR ISSUE	DATE



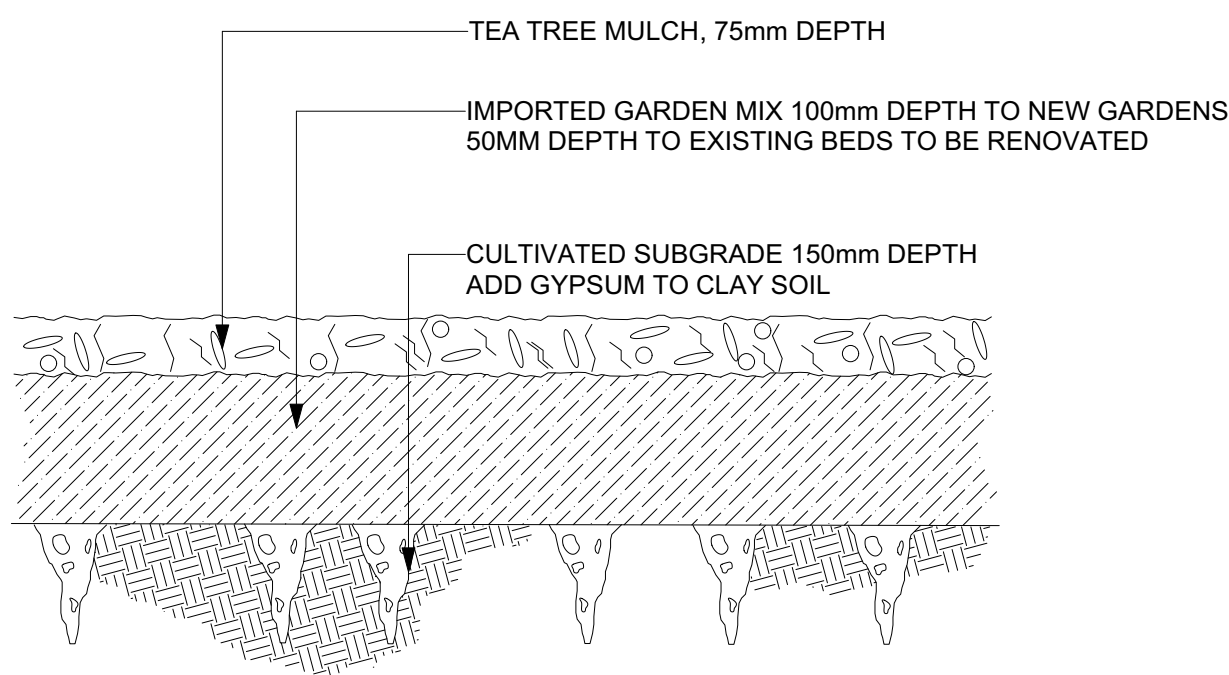
LEGEND

- LAWN
- GARDEN BEDS
- BUILDING ENVELOPE
- DRIVE WAY
- BUS
- BIORETENTION BASIN
- TREES TO BE REMOVED
- EXISTING TREES WITH TREE NUMBER RETAIN
- TREE / TREE TRUNK PROTECTION FENCING
- 2.1M FENCE
- RETAINING WALL
- ACOUSTIC WALL
- DRAINAGE PITS
- DRAINAGE LINES DIAMETER SHOWN



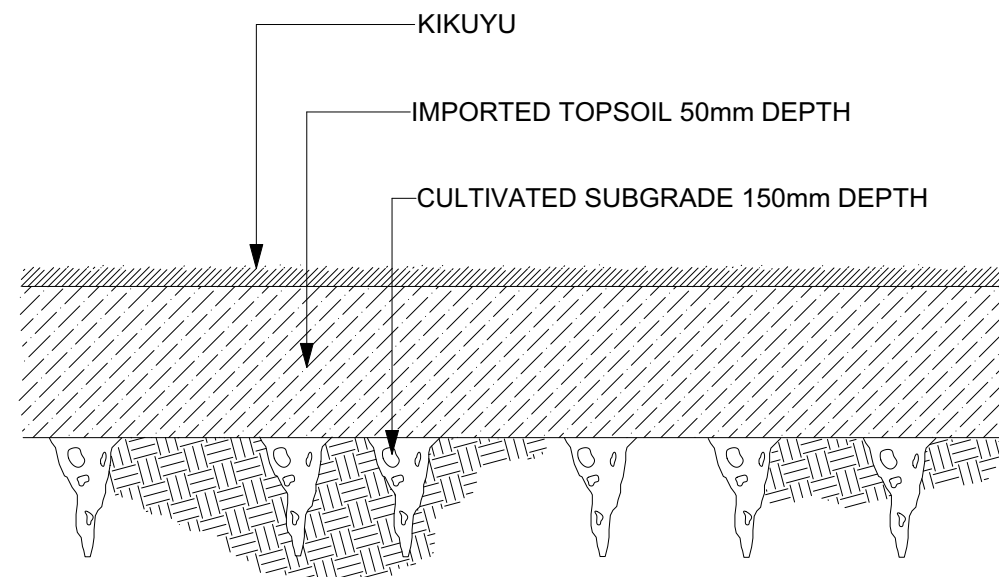
TREE PLANTING

SCALE 1:10



GARDEN BEDS ON GRADE

SCALE 1:10



TURF

SCALE 1:10

IRRIGATION

Contractor's Requirements.
The contractor is to provide a design and lump sum cost to install an approved irrigation system which meets the requirements the Australian Standards and this specification, to the garden beds. All work is to be carried out to the generally accepted urban irrigation industry standard and, as a minimum, is to meet the requirements of AS 3500 and AS 3500.1.
Connection to Water Supply
A water connection point is to be provided for the irrigation system. A back flow prevention valve meeting the requirements of AS3500, AS 3500.1 shall be fitted at the water connection point.

Irrigation types.

Garden beds - drip irrigation
A Minimum of 230KPA water pressure will be required at the source of the irrigation system.
Unless KPA exceeds 350KPA a variable frequency drive booster pump for lifting supply mains pressure to 450KPA will be required .
Irrigation schedule will be 6 hours to apply 4mm per night to the irrigated areas.
4 Litres a second will be required to deliver this water within the 6 hour period.

Specifications

- * Hunter ACC Decoder System with 20 Stations per 2 wire cable run
- * Hunter Solar Sinc Rain Sensor with ET Adjustment
- * RPZ Backflow device with Primary Filtration to 120 micro
- * Filtration will be required at each incoming water valve to ensure preventative maintenance.
- * Drip irrigation to garden beds :
 - Toro rootguard at 0.3m spacing at 2 litres per hour
- * Tree Planting
 - Toro rootguard at 0.3m spacing in 0.6 metre diameter ring around each tree
- * The central main line piping :
 - 75mm pipes for the start of the line
 - 63mm pipes for branching into garden beds and turf zones
- * Sub-lines running off mainline will be 20-40mm pipes

PLANTING MAINTENANCE

Throughout the planting establishment period, carry out maintenance work including, watering, mowing, weeding, rubbish removal, fertilising, pest and disease control, returfing, staking and tying, replanting, cultivating, pruning, hedge clipping, aerating, reinstatement of mulch, renovating, top dressing, and keeping the site neat and tidy. Continue to replace failed, damaged or stolen plants.

EXISTING TREES AS PER CONSULTING ARBORIST REPORT BY JIM McARDLE JULY 20, 2020

1. EUCALYPTUS GRANDIS
2. POPULOUS DELTOIDES
3. POPULOUS DELTOIDES
4. POPULOUS DELTOIDES
5. POPULOUS DELTOIDES
6. EUCALYPTUS ROBUSTA
7. EUCALYPTUS ROBUSTA
8. EUCALYPTUS ROBUSTA
9. EUCALYPTUS NICHOLII
10. PHEONIX CANARIENSIS
11. EUCALYPTUS SPECIES X 4

B	17/8/20	UPDATED LANDSCAPE
A	13/8/20	Design Development
ISSUE	DATE	REVISION

NOTE: DO NOT SCALE FROM DRAWING. USE FIGURED DIMENSIONS ONLY. CHECK ALL DIMENSIONS ON SITE BEFORE ANY MANUFACTURE OR CONSTRUCTION

FILE NAME
NBL_Warriewood_200817.vwx

PROJECT
Warriewood Bus Depot

ADDRESS
15 Jubilee Avenue, Warriewood NSW

CLIENT
Comfort Delgro

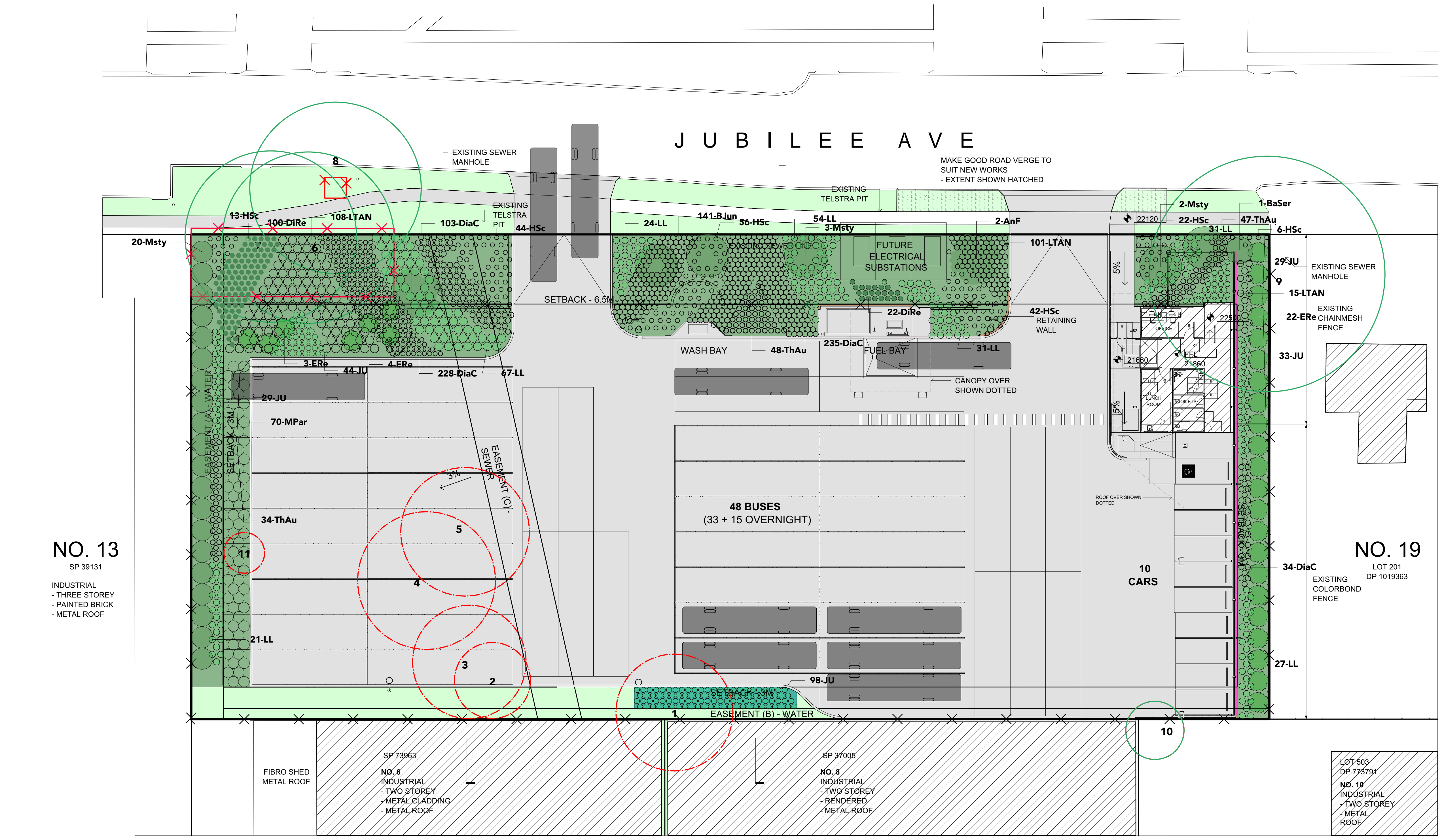
DRAWING
LANDSCAPE PLAN & DETAILS



PROJECT #	NBL_Warriewood_2007	DWG #	REV
DATE	17/8/20	SCALE @ A1	1:200
DRAWN	RH	CHKD	NB

Nicholas Bray Landscapes
PO Box 323 Moss Vale NSW 2577 Australia
M: 0417 278 267 W: www.nicholasbray.net.au E: contact@nicholasbray.net.au

471 Argyle Street Moss Vale
ABN: 25001055205
E: contact@nicholasbray.net.au



LEGEND

LAWN

GARDEN BEDS

BUILDING ENVELOPE

DRIVE WAY

BUS

BIORETENTION BASIN

TREES TO BE REMOVED

EXISTING TREES WITH TREE NUMBER

TREE / TREE TRUNK PROTECTION FENCING

2.1M FENCE

RETAINING WALL

ACOUSTIC WALL

PLANTING SCHEDULE

ID	Botanical Name	Common Name	Height	Spread	Qty
Trees					
Msty	Melaleuca styphelioides	Prickly-leaved Tea Tree	7 - 15m	4 - 7m	25
AnF	Angophora floribunda	Rough-barked Apple	8 - 10m	3 - 5m	2
BaSer	Banksia serrata	Old Man Banksia	3 - 15m	2 - 4m	1
Shrubs					
ERe	Elaeocarpus reticulatus	Blueberry Ash	5 m	2 - 5m	29
DiRe	Dianella revoluta	"Spreading Flax Lily, Blueberry Lily, Blue Flax Lily"	0.75 - 0.9m	0.3 - 0.6m	122
Ground Covers					
MPar	Myoporum parvifolium	Carpet Spreading Myoporum	0.45 - 0.6m	.5m	70
HSc	Hibbertia scandens	Golden Guinea Flower, Snake Vine	0.0 - 0.3m	3.5 - 6m	183
Grass					
LL	Lomandra longifolia	Spiny-headed Mat-Rush	0.7 - 0.9m	0.6 - 1m	255
DiaC	Dianella caerulea	Blue Flax-lily	0.45 - 0.6m	0.3 - 0.6m	600
ThAu	Themeda australis/triandra	Kangaroo Grass	0.4 - 0.75m	0.7 - 1m	129
JU	Juncus usitatus	Common Rush	0.9 - 1.2m	0.5 - 0.7m	233
LTAN	Lomandra tanika	Tanikas	0.5 - 0.6m	0.65m	224
BJun	Baumea juncea	Bare Twigrush	0.75 - 0.9m	0.3 - 0.6m	141
Climbers					
Other					
Total					2014

POT SIZES

TREES

75 LITRES

HEDGING

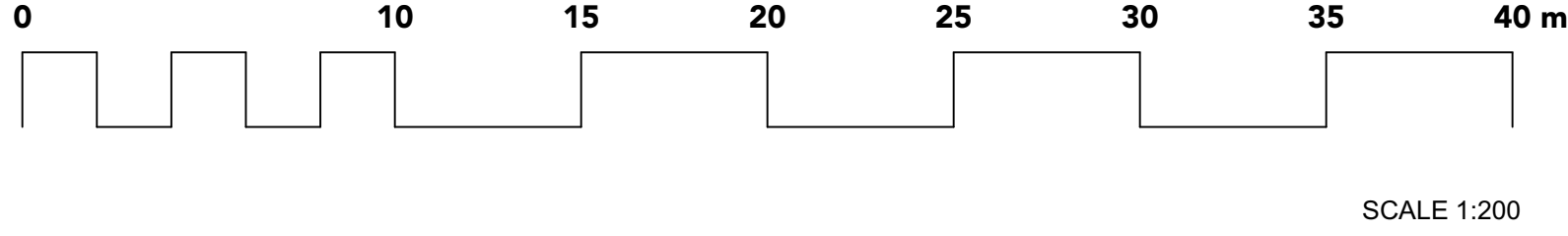
25 LITRES

SHRUBS

5 LITRES

GROUND COVERS AND GRASSES

2.5 LITRES



B	17/8/20	UPDATED LANDSCAPE
A	13/8/20	Design Development
ISSUE	DATE	REVISION

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NBL_Warriewood_200817.vwx

PROJECT
Warriewood Bus Depot

ADDRESS
15 Jubilee Avenue, Warriewood NSW

CLIENT
Comfort Delgro

DRAWING
PLANTING PLAN



PROJECT #	NBL Warriewood 2007	
DATE	17/8/20	REV
SCALE @ A1	1:200	L2
DRAWN	RH	NB