



Buronga HealthOne

914 DP756961, 3 Pitman Avenue
Buronga, NSW

Far West Local Health District

Development Application
November

DEVELOPMENT APPLICATION DRAWING LIST

130533	NBRS-AR	DWG	DA01	COVER SHEET	22.11.2019
130533	NBRS-AR	DWG	DA02	SITE ANALYSIS PLAN	24.10.2019
130533	NBRS-AR	DWG	DA03	DEMOLITION PLAN	24.10.2019
130533	NBRS-AR	DWG	DA04	SITE PLAN	15.11.2019
130533	NBRS-AR	DWG	DA05	GROUND FLOOR PLAN	24.10.2019
130533	NBRS-AR	DWG	DA06	ROOF PLAN	24.10.2019
130533	NBRS-AR	DWG	DA07	ELEVATIONS 1	24.10.2019
130533	NBRS-AR	DWG	DA08	SECTIONS	24.10.2019
130533	NBRS-AR	DWG	DA09	EXTERNAL FINISHES	22.11.2019
130533	NBRS-AR	DWG	DA10	3D PERSPECTIVES	22.11.2019
130533	NBRS-AR	DWG	DA11	SOLAR STUDY	24.10.2019



SITE ANALYSIS - ACCESS



SITE ANALYSIS - VIEWS, SUN PATH AND TOPOGRAPHY

NFC

Issue No.	Date	Description	Chkd
1	10.09.2019	Draft Development Application	LC
2	24.10.2019	Development Application 1	LC
3	22.11.2019	Development Application 3	LC

Drawing Title
SITE ANALYSIS PLAN

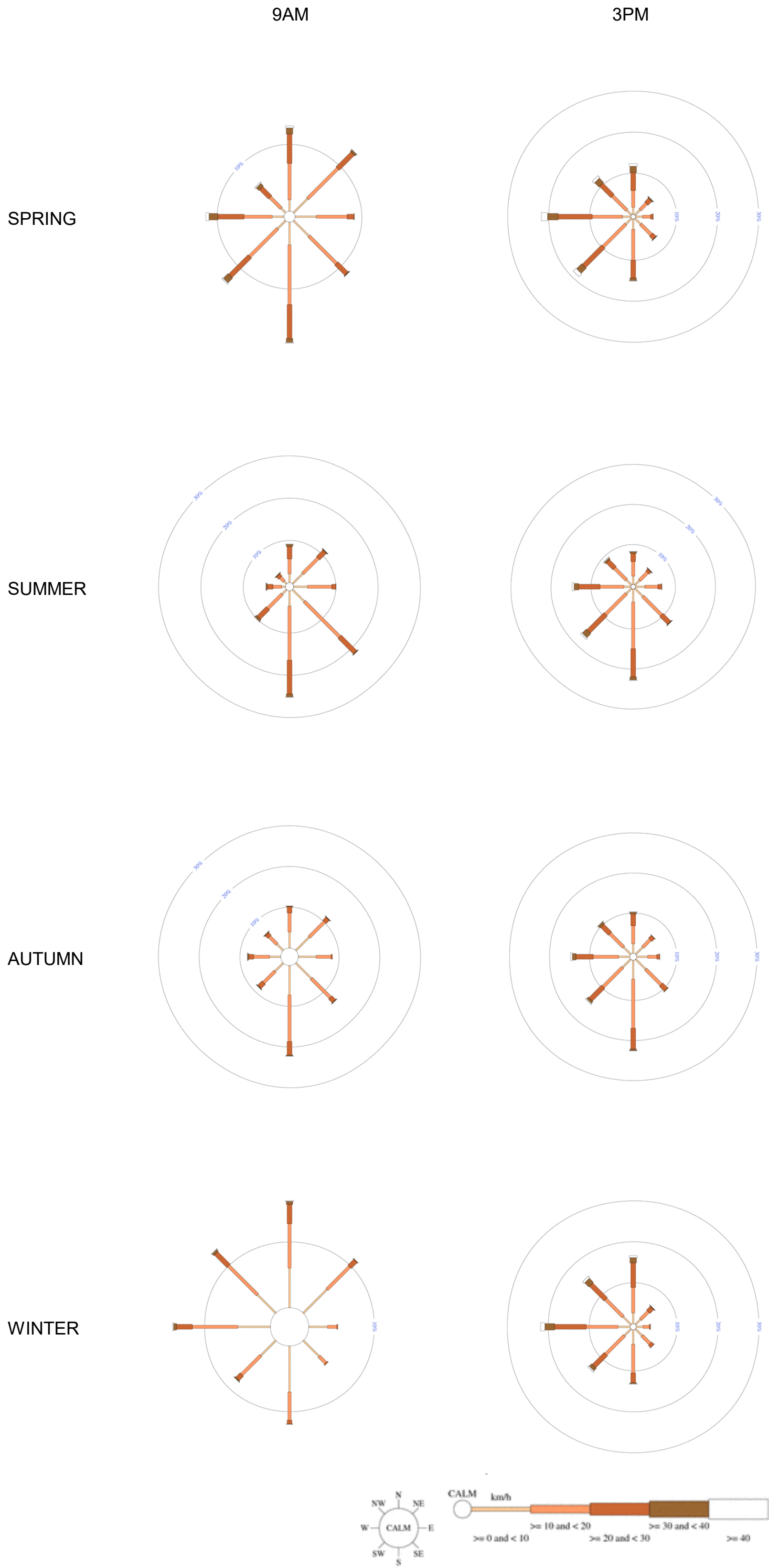
Project
Buronga HealthOne

at
914 DP756961, 3 Pitman Avenue
Buronga, NSW
for
Far West Local Health District

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NBRSPARTNERSARCHITECTURE.
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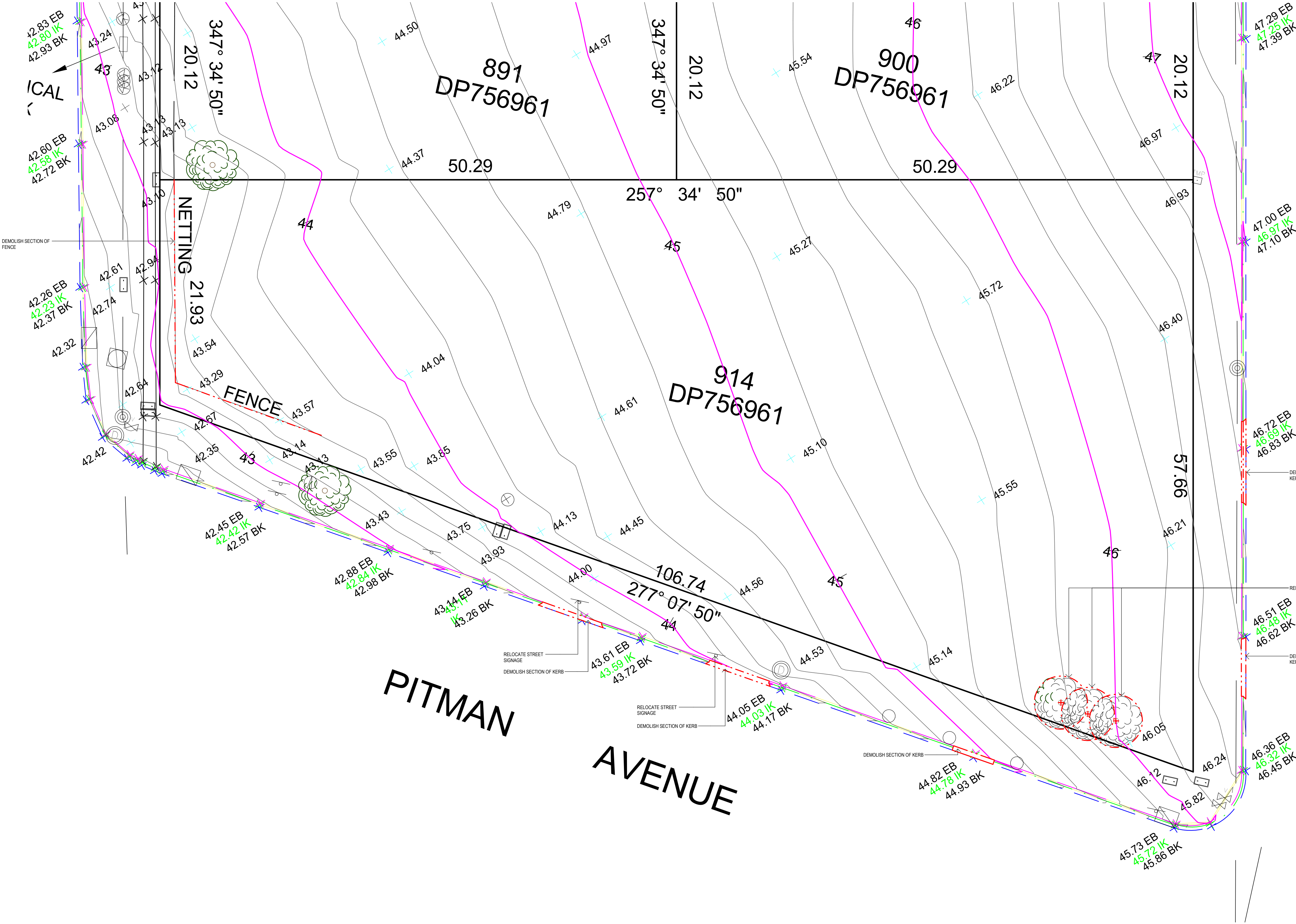
Date 22/11/2019 4:48:19 PM
Scale As indicated @ A1

Drawing Reference 130533-NBRS-AR-DWG-DA02
Revision 3























SITE ANALYSIS - WIND

RIEL STREET



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Issue			
No.	Date	Description	Chkd
1	10.09.2019	Draft Development Application	LC
2	24.10.2019	Development Application 1	LC
3	22.11.2019	Development Application 3	LC

LEGEND:					
	EXISTING ELECTRICITY OVERHEAD		EXISTING ELECTRICITY PIT		EXISTING VALVE
	EXISTING EDGE OF BITUMEN ROAD		EXISTING COMMUNICATION PIT		EXISTING FIRE PLUG
	EXISTING KERB INVERT		EXISTING TELSTRA MARKER POST		
	EXISTING BACK OF KERB		EXISTING POWER POLE		
	EXISTING FENCE & POST		EXISTING STREET LIGHT		
	EXISTING GROUP OF SHRUBS/TREES		EXISTING STREET SIGN		
	EXISTING SIDE ENTRY PIT		EXISTING BENCH MARK		
	EXISTING SEWERAGE PIT		EXISTING SURFACE LEVEL		
	EXISTING DRAINAGE PIT		EXISTING TREE		

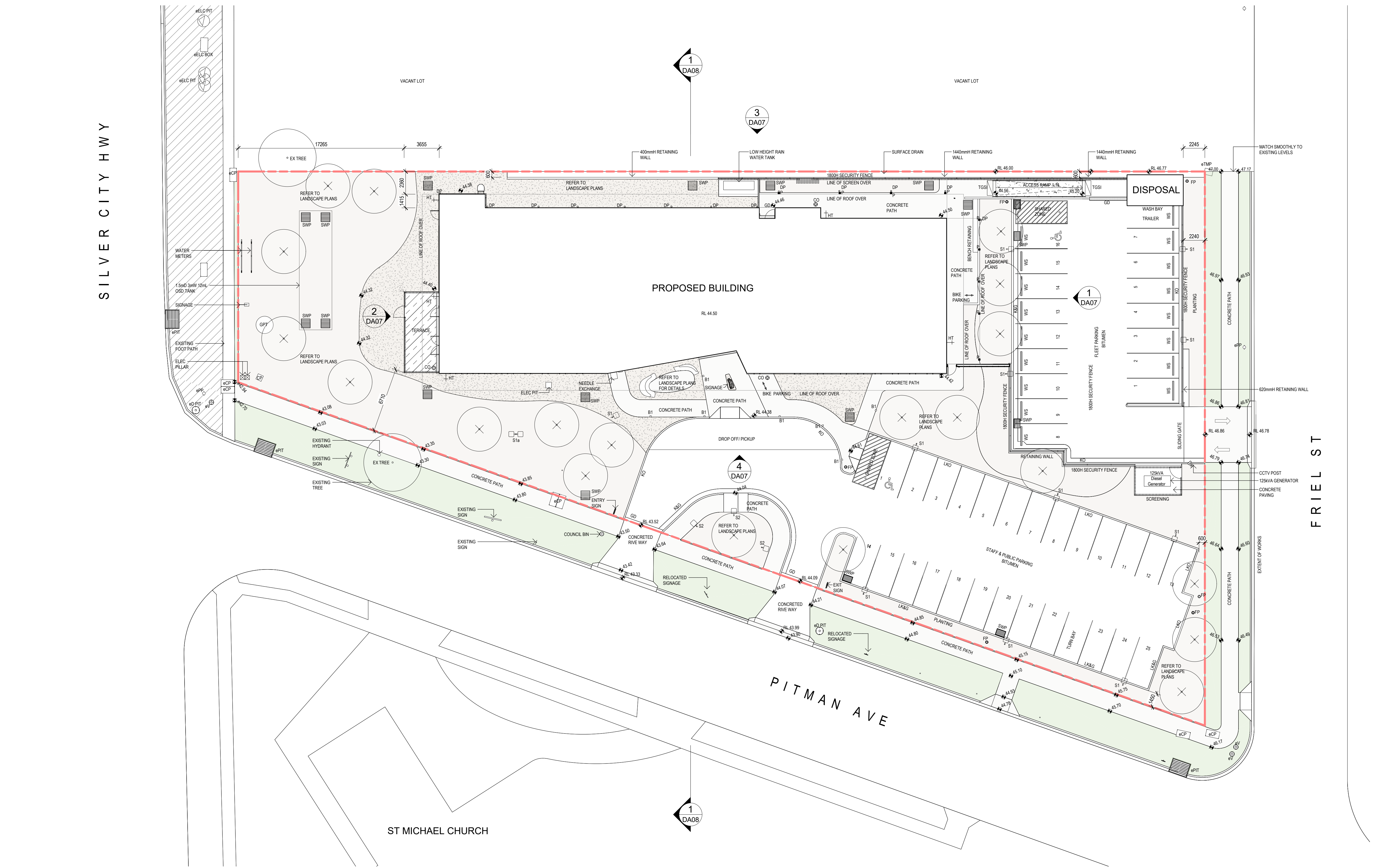
Drawing Title
DEMOLITION PLAN

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- LEGEND**
- OUTSIDE PROJECT SCOPE & BUDGET
 - PEBBLES GROUND COVER
 - MULCH GROUND COVER / PLANTING
 - PROPERTY BOUNDARY
 - PROPOSED TREES REFER TO LANDSCAPE DRAWINGS
 - EXISTING TREES REFER TO LANDSCAPE DRAWINGS

GENERAL ABBREVIATIONS

- B1 BOLLARD LIGHTING
- CO CLEAR OUT
- CP COMMUNICATION PIT
- CW COLD WATER
- DP DOWN PIPE
- DPT DRAINAGE PIT
- e DROPPED EXISTING
- ELC ELECTRICITY OVERHEAD
- ELC PIT ELECTRICITY PIT
- FP FLUSHING POINT
- GD GRATED DRAIN
- HT HOSE TAP
- ITSE SECURITY CAMERA (as scheduled)
- KO KERB ONLY
- K & G KERB & GUTTER
- LK & G LOW KERB & GUTTER
- LKO LOW KERB
- NP NONPOTABLE WATER
- P COLUMN
- PIT SIDE ENTRY PIT
- PP POWER POLE
- S SEWERAGE PIT
- SW SEWER DRAINAGE
- SWP STORMWATER PIT
- S1 LIGHTING POST
- S1a LIGHTING POST
- S2 LIGHTING POST
- TGSI TACTILE INDICATOR
- TMP TELSTRA MARKER PIT
- V VALVE
- WS WHEELSTOP
- FINISHED SURFACE LEVEL

Issue			
No.	Date	Description	Chkd
1	10.09.2019	Draft Development Application	LC
2	24.10.2019	Development Application 1	LC
3	28.10.2019	Development Application 2	LC
4	15.11.2019	Development Application 2	LC
5	22.11.2019	Development Application 3	LC

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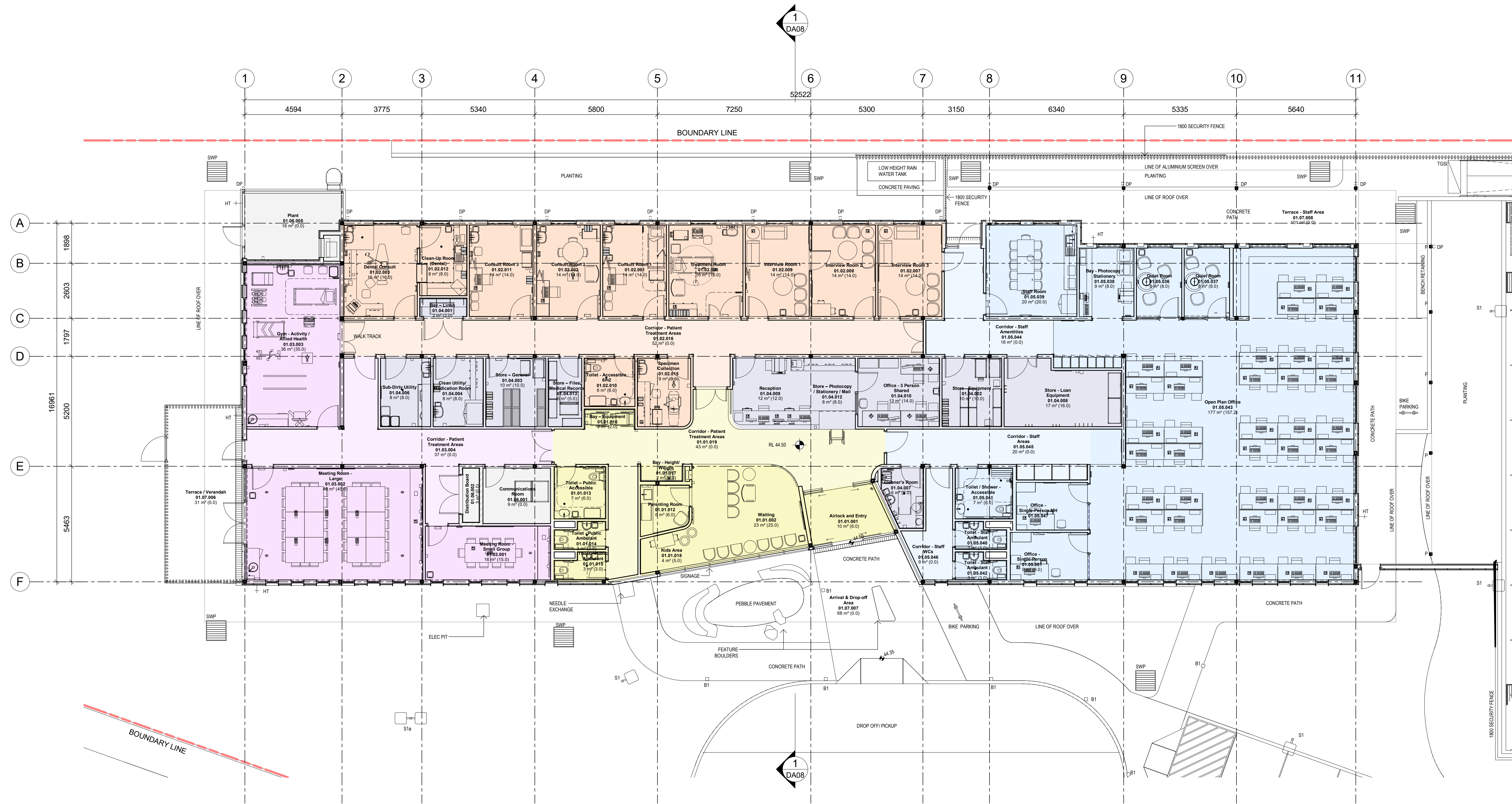
Drawing Title
SITE PLAN

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Scale 1 : 200 @ A1
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130533-NBRSPARTNERS-AR-DWG-DA04
Revision
5



- CLINICAL SUPPORT AREAS
- ENTRY / WAITING
- GROUP & ACTIVITY
- PATIENT AREAS
- PLANT & ENGINEERING
- STAFF AREAS

GENERAL ABBREVIATIONS

- B1 BOLLARD LIGHTING
- CO CLEAR OUT
- CP COMMUNICATION PIT
- CW COLD WATER
- DP DOWN PIPE
- DRIT DRAINAGE PIT
- e DONOTES EXISTING
- ELC ELECTRICITY OVERHEAD
- ELC PIT ELECTRICITY PIT
- FP FLUSHING POINT
- GD GRATED DRAIN
- HT HOSE TAP
- ITSE SECURITY CAMERA (as scheduled)
- KO KERB ONLY
- K & G KERB & GUTTER
- LK & G LOW KERB & GUTTER
- LKO LOW KERB
- NP NONPOTABLE WATER
- P COLUMN
- PIT SIDE ENTRY PIT
- PP POWER POLE
- S SEWERAGE PIT
- S SEWER DRAINAGE
- SWP STORMWATER PIT
- S1 LIGHTING POST
- S1a LIGHTING POST
- S2 LIGHTING POST
- TGSI TACTILE INDICATOR
- TMP TELSTRA MARKER PIT
- V VALVE
- WS WHEELSTOP
- FINISHED SURFACE LEVEL

Issue			
No.	Date	Description	Chkd
1	10.09.2019	Draft Development Application	LC
2	24.10.2019	Development Application 1	LC
3	22.11.2019	Development Application 3	LC

NFC

Drawing Title
GROUND FLOOR PLAN

Project
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Scale 1 : 100 @ A1

Drawing Reference
130533-NBRS-AR-DWG-DA05

Revision
3



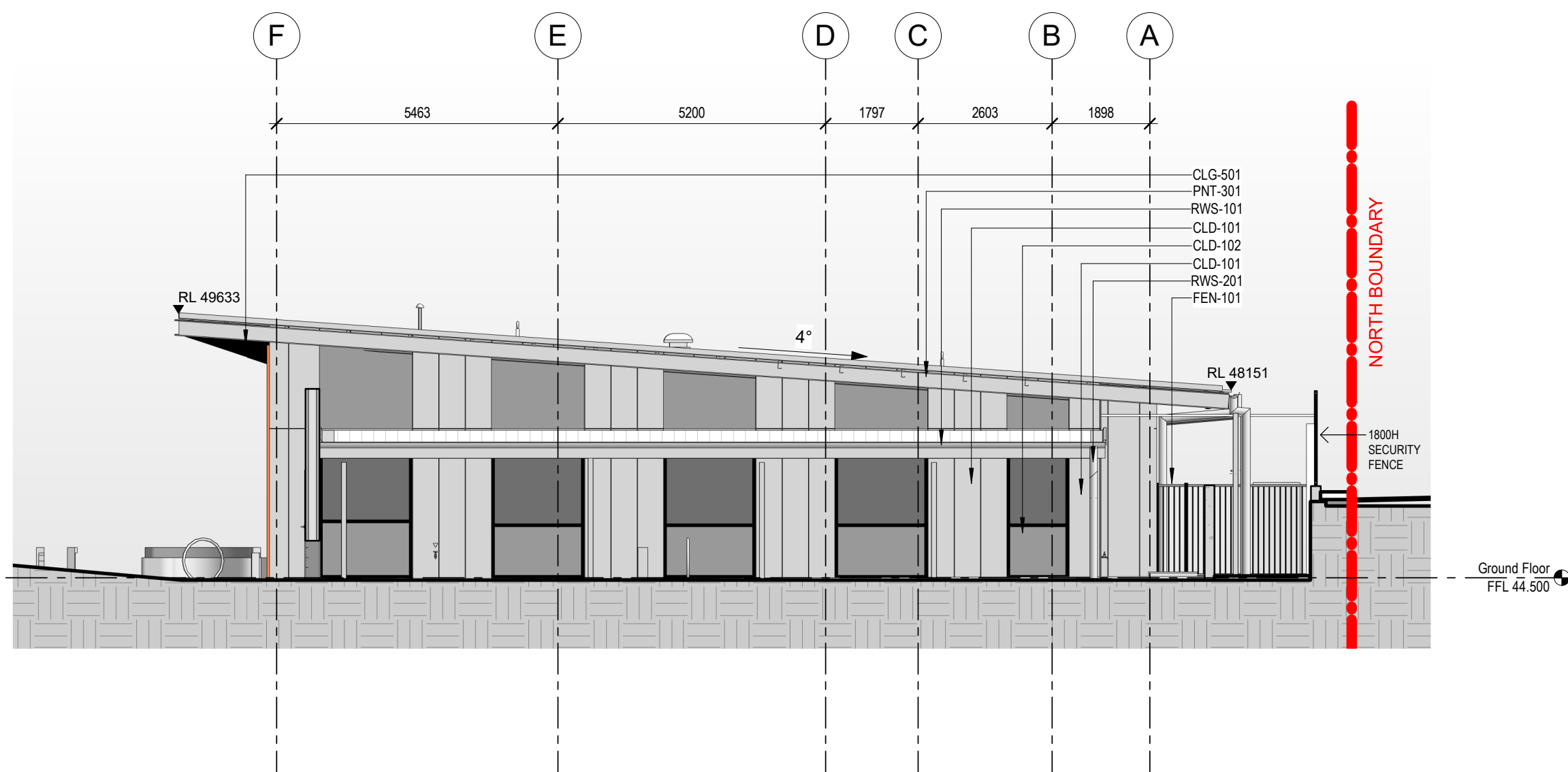
Issue			
No.	Date	Description	Chkd
1	10.09.2019	Draft Development Application	LC
2	24.10.2019	Development Application 1	LC
3	22.11.2019	Development Application 3	LC

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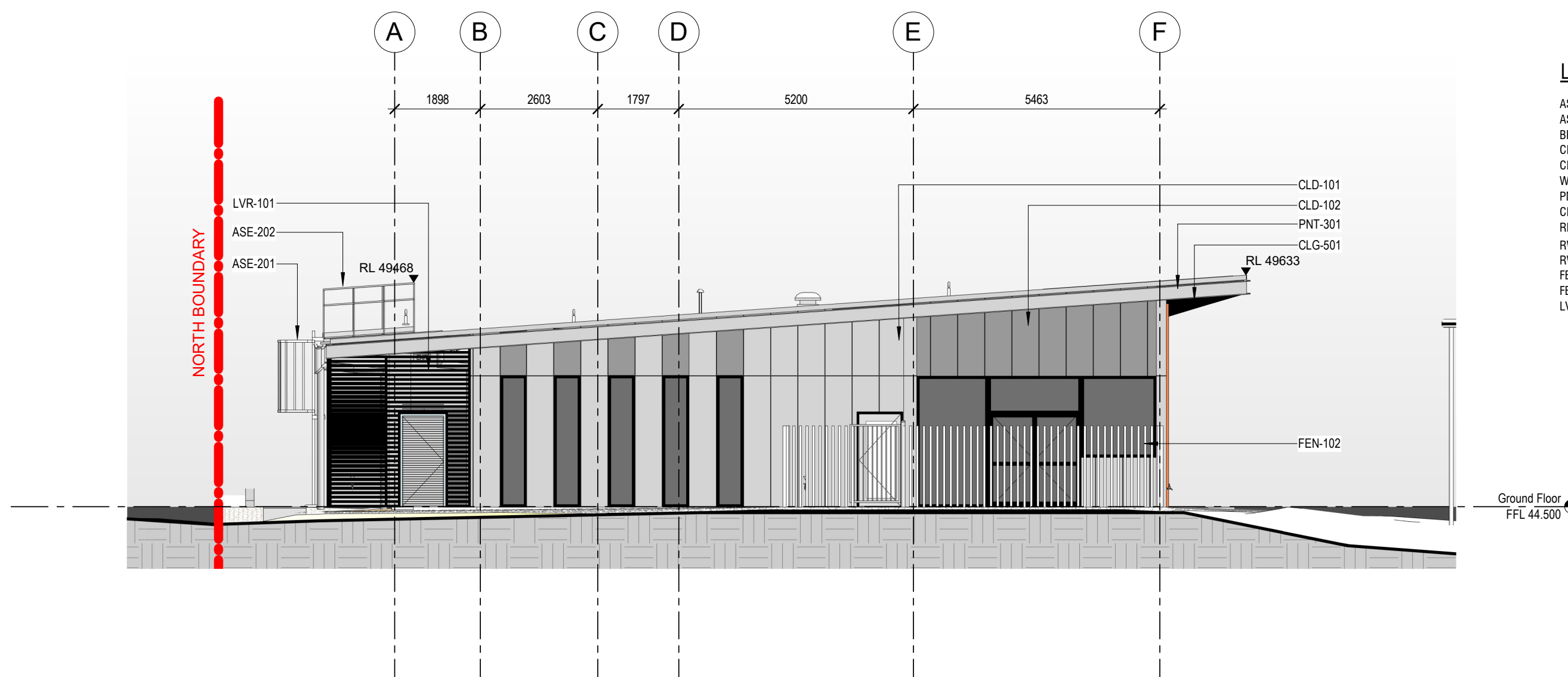
Drawing Reference	Revision
130533-NBRS-AR-DWG-DA06	3

LEGEND

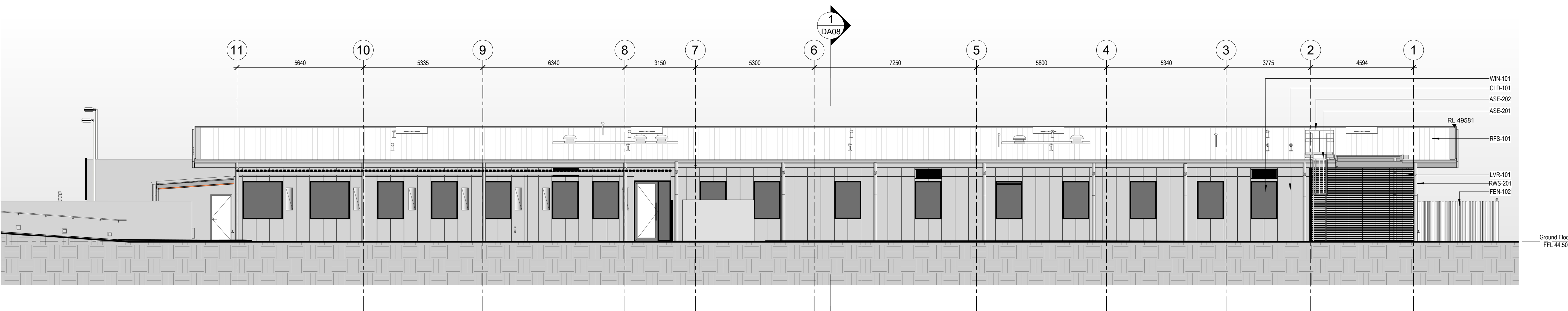
- ASE-201 ROOF ACCESS LADDER
- ASE-202 ROOF PLATFORM
- BRK-101 GLAZED BRICK VENEER
- CLD-101 FIBRE CEMENT PANEL - LIGHT
- CLD-102 FIBRE CEMENT PANEL - DARK
- WIN-101 EXTERNAL ALUMINIUM FRAMED WINDOWS - DARK
- PNT-301 EXTERNAL DECORATIVE STRUCTURAL STEEL COATING
- CLG-501 FIBRE CEMENT PANEL - SOFFIT LINING
- RFS-101 STANDING SEAM ROOFING SYSTEM
- RWS-101 QUAD EAVES GUTTER - EAVES
- RWS-201 DOWNPIPE
- FEN-101 SECURITY FENCING
- FEN-102 ALUMINIUM FENCE - SCREENS
- LVR-101 FIXED LOUVRES - PLANT ROOM SCREEN



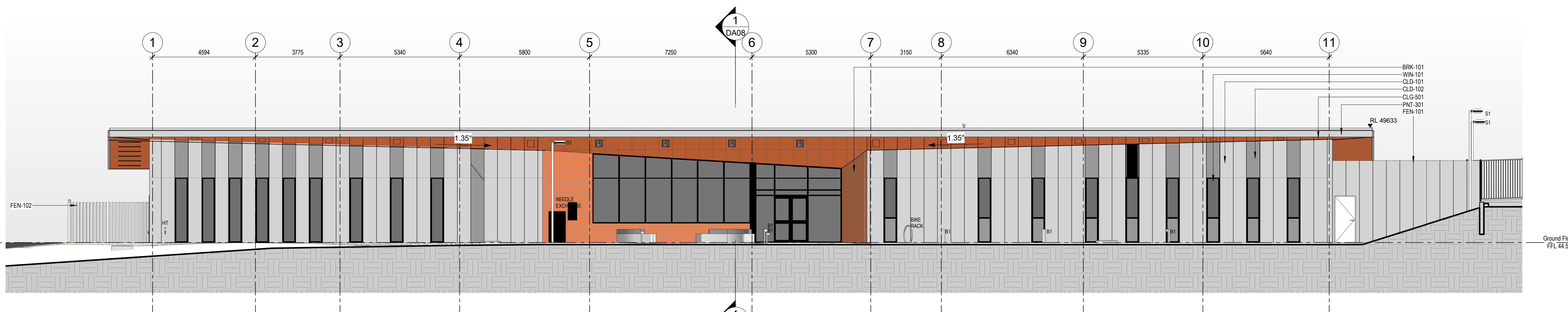
1 Development Application Elevation - East
ELEVATION 1:100



2 Development Application Elevation - West
1:100



3 Development Application Elevation - North
ELEVATION 1:100



4 Development Application Elevation - South
ELEVATION 1:100

Issue			
No.	Date	Description	Chkd
1	10.09.2019	Draft Development Application	LC
2	24.10.2019	Development Application 1	LC
3	22.11.2019	Development Application 3	LC

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Drawing Title
ELEVATIONS 1

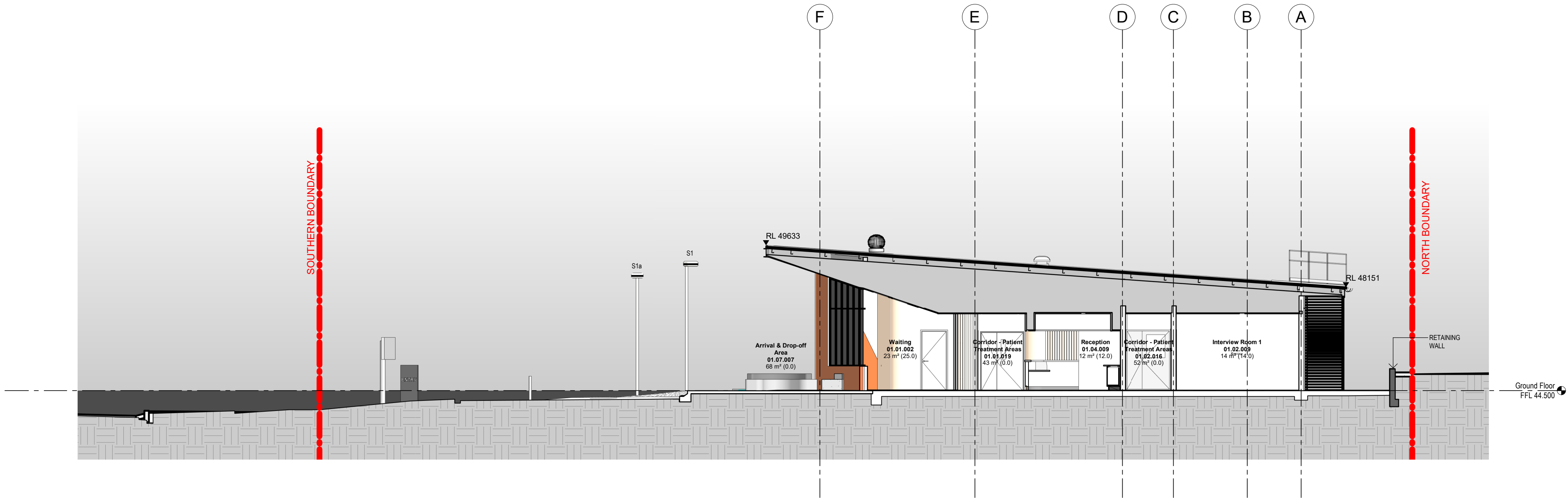
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Scale 1:100 @ A1

Drawing Reference
130533-NBRS-AR-DWG-DA07
Revision
3



GENERAL ABBREVIATIONS

- B1 BOLLARD LIGHTING
- CO CLEAR OUT
- CP COMMUNICATION PIT
- CW COLD WATER
- DP DOWN PIPE
- DPT DRAINAGE PIT
- e DONOTES EXISTING
- ELC ELECTRICITY OVERHEAD
- ELC PIT ELECTRICITY PIT
- FP FLUSHING POINT
- GD GRATED DRAIN
- HT HOSE TAP
- ITSE SECURITY CAMERA (as scheduled)
- KD KERB ONLY
- K & G KERB & GUTTER
- LK & G LOW KERB & GUTTER
- LKO LOW KERB
- NP NONPOTABLE WATER
- P COLUMN
- PIT SIDE ENTRY PIT
- PP POWER POLE
- S SEWERAGE PIT
- SW SEWER DRAINAGE
- SWP STORMWATER PIT
- S1 LIGHTING POST
- S1a LIGHTING POST
- S2 LIGHTING POST
- TGSI TACTILE INDICATOR
- TMP TELSTRA MARKER PIT
- V VALVE
- VS WHEELSTOP
- FINISHED SURFACE LEVEL

1 Development Application_Section - North - South
DA04 ELEVATION 1 : 100

NFC

Drawing Title
SECTIONS

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at
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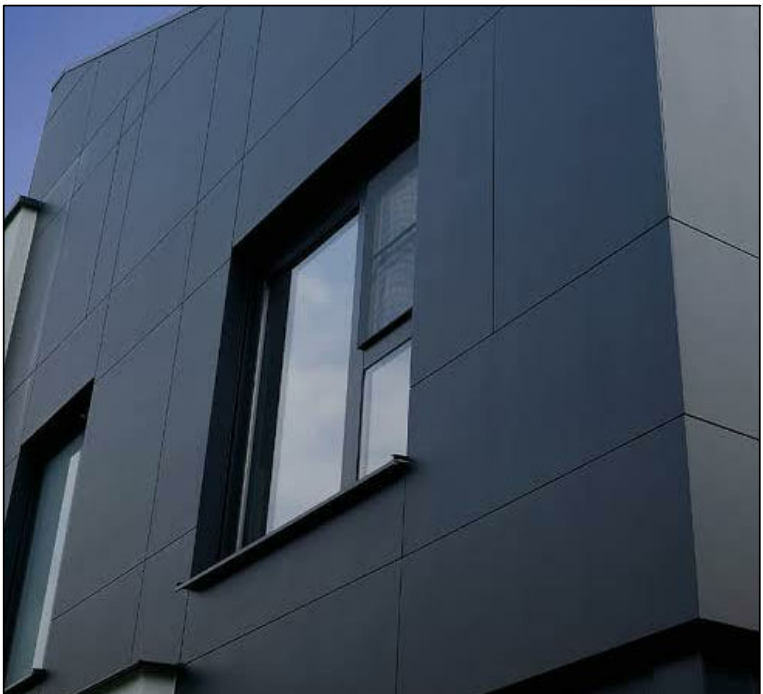
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Drawing Reference 130533-NBRSPARTNERS-AR-DWG-DA08
Revision 3



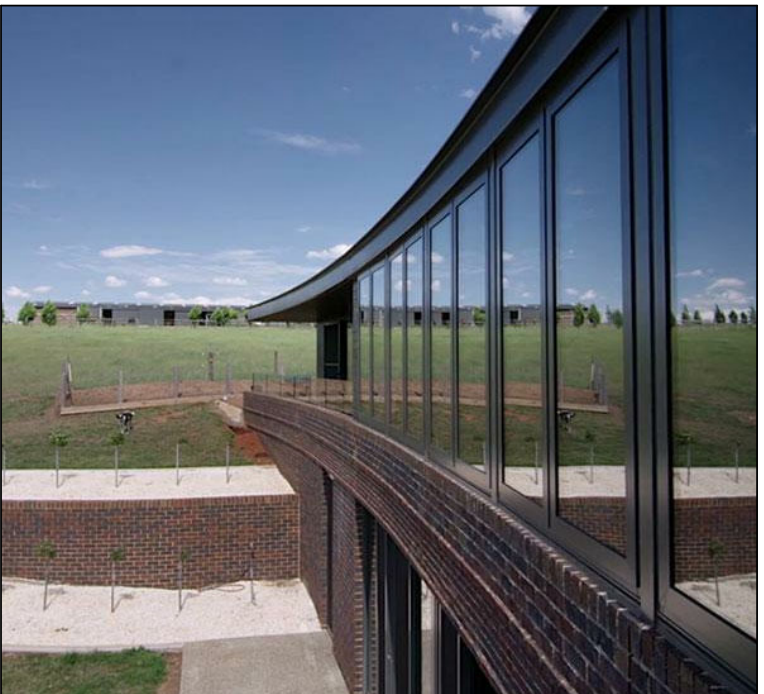
BRK-101
GLAZED BRICK VENEER - ENTRY FACADE
AUSTRAL EMPORIUM / LUXE



CLD-101
FIBRE CEMENT PANEL - FACADE CLADDING - LIGHT



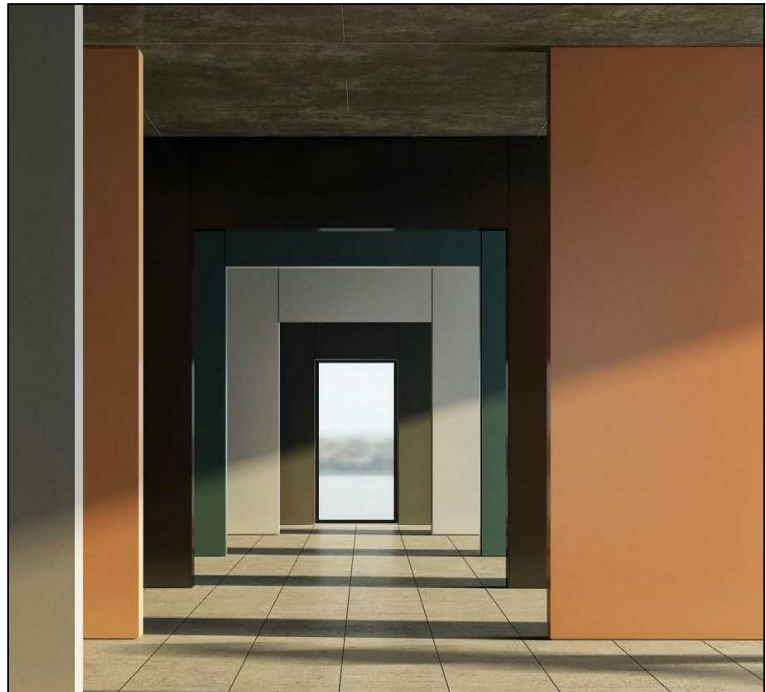
CLD-102
FIBRE CEMENT PANEL - FACADE CLADDING - DARK



WIN-101
EXTERNAL ALUMINIUM FRAMED WINDOWS - FACADE - DARK



PNT-301
EXTERNAL DECORATIVE STRUCTURAL STEEL COATING



CLG-501
FIBRE CEMENT PANEL - SOFFIT LINING
CEMINTEL SURROUND / QUINTA



RFS-101
STANDING SEEM ROOFING SYSTEM - ROOF
BLUESCOPE COLOURBOND KLIP-LOC 700 / SHALE GREY



RWS-101
QUAD EAVES GUTTER - EAVES



FEN-102
ALUMINIUM FENCE - SCREENS



LVR-101
FIXED LOUVRES - PLANT ROOM SCREEN



FEN-101
SECURITY FENCING - AROUND FLEET CAR PARK
PROFENCE DECOTUBE / CHARCOAL

Issue			
No.	Date	Description	Chkd
1	10.09.2019	Draft Development Application	LC
2	03.10.2019	Issued For Coordination	LC
3	24.10.2019	Development Application 1	LC
4	22.11.2019	Development Application 3	LC

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Drawing Title
EXTERNAL FINISHES

Project
Buronga HealthOne

at
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for
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Drawing Reference
130533-NBRS-AR-DWG-DA09
Revision
4



PERSPECTIVE 1. VIEW FROM THE CORNER OF SILVERSTY HWY & PITMAN AVENUE



PERSPECTIVE 2. VIEW FROM PITMAN AVENUE TOWARDS BUILDING ENTRY

Issue			
No.	Date	Description	Chkd
1	10.09.2019	Draft Development Application	LC
2	24.10.2019	Development Application 1	LC
3	22.11.2019	Development Application 3	LC

NFC

Drawing Title
3D PERSPECTIVES

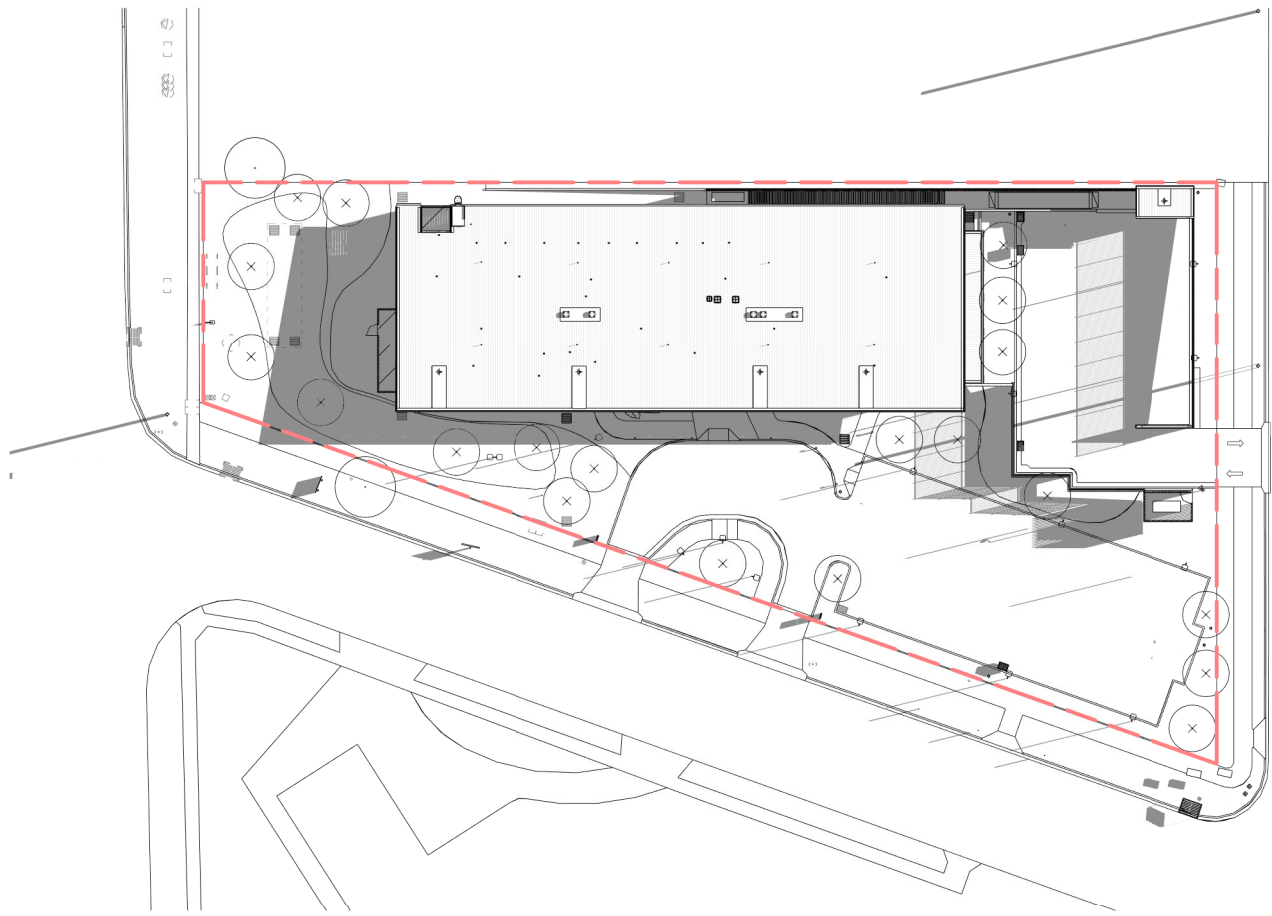
Project
Buronga HealthOne

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Buronga, NSW
for
Far West Local Health District

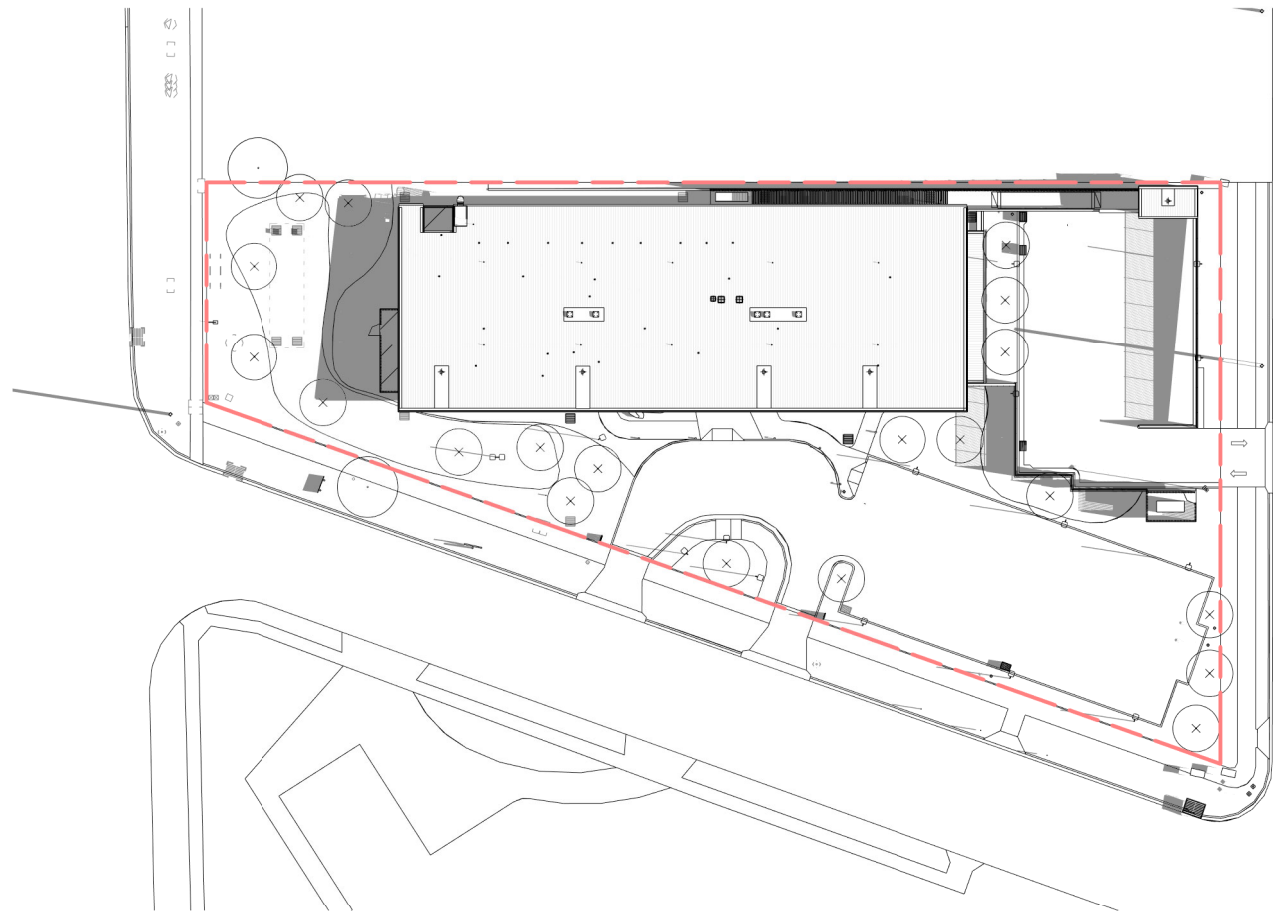
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Scale @ A1

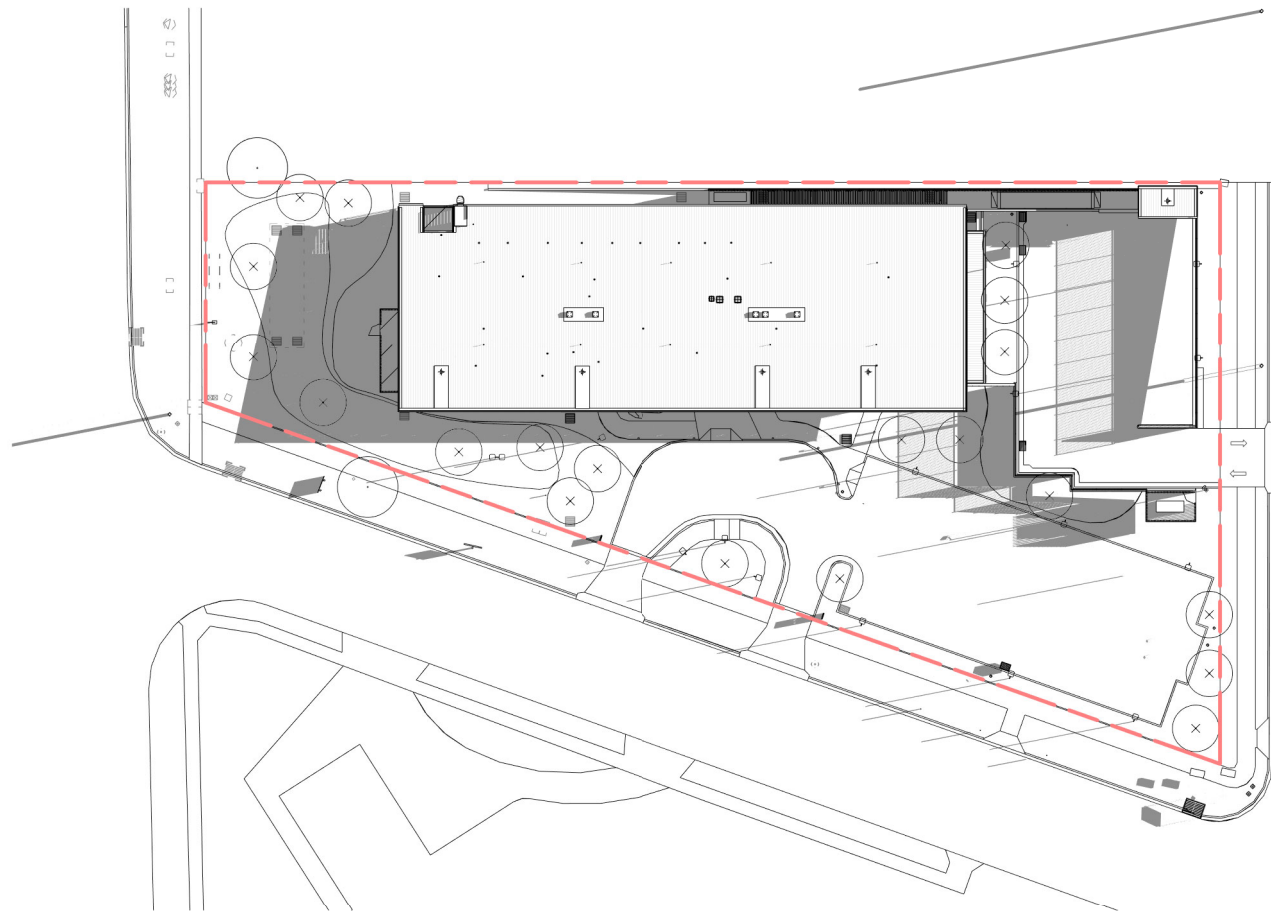
Drawing Reference
130533-NBRS-AR-DWG-DA10
Revision
3



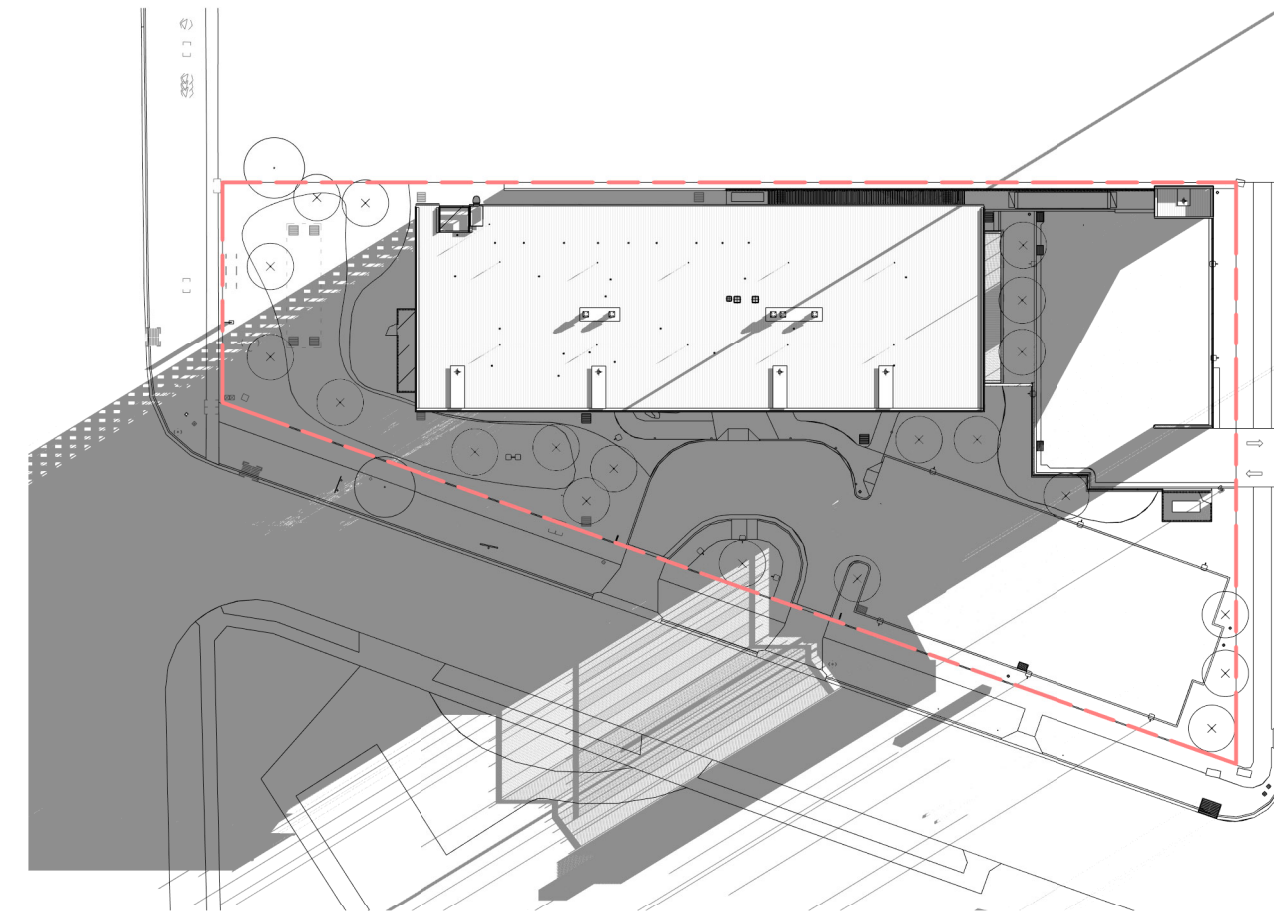
1 Solar Study - Spring - 9am
1 : 750



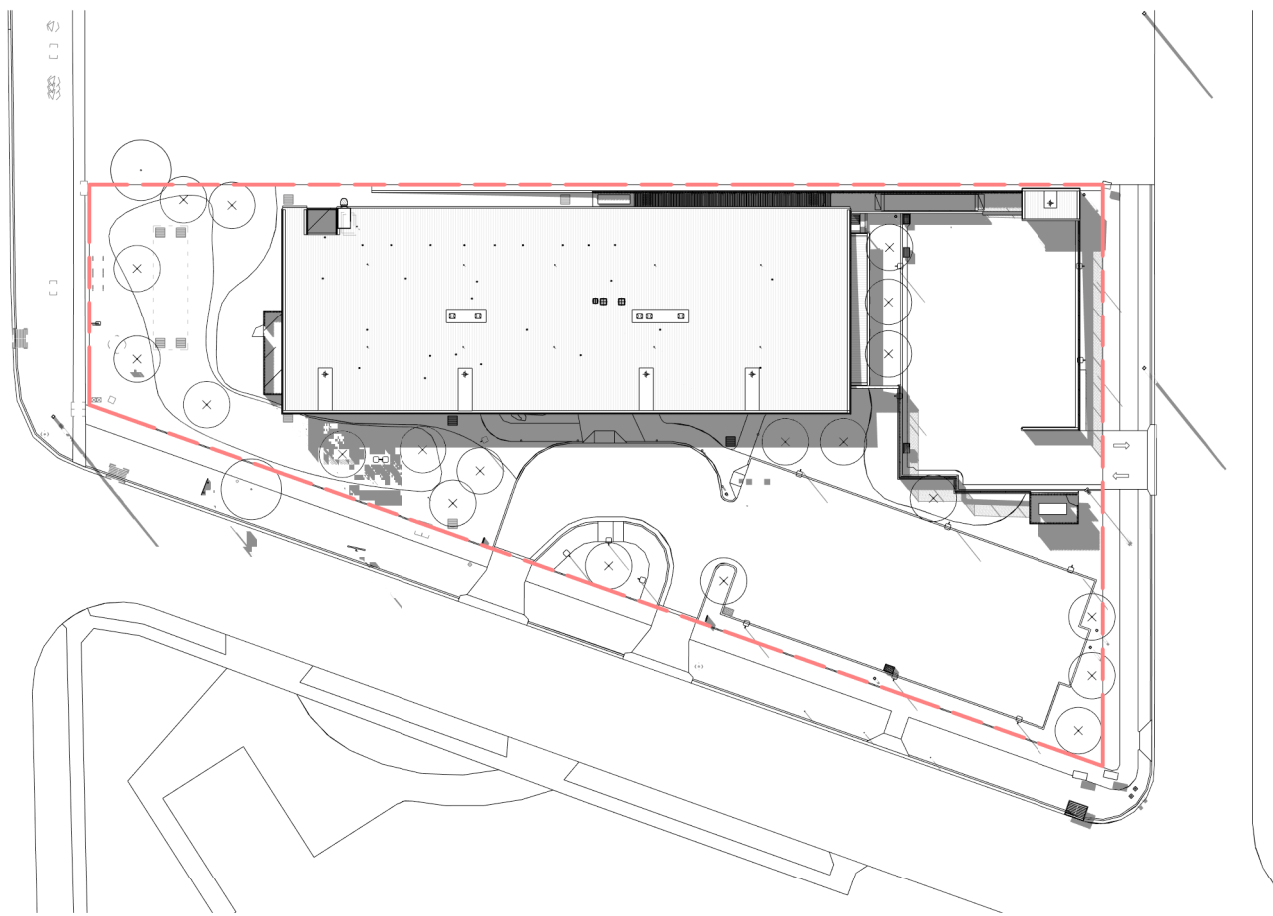
2 Solar Study - Summer - 9am
1 : 750



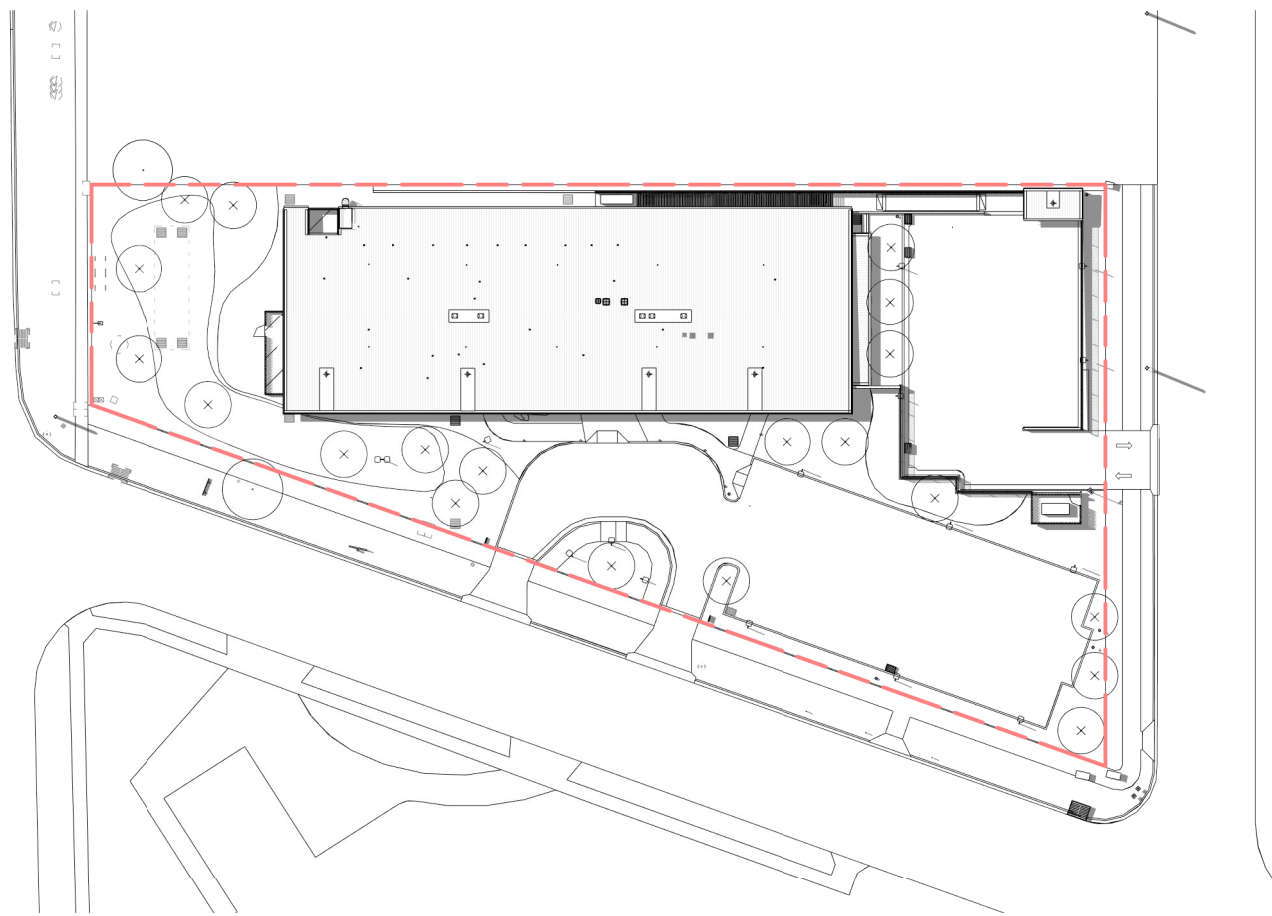
3 Solar Study - Autumn - 9am
1 : 750



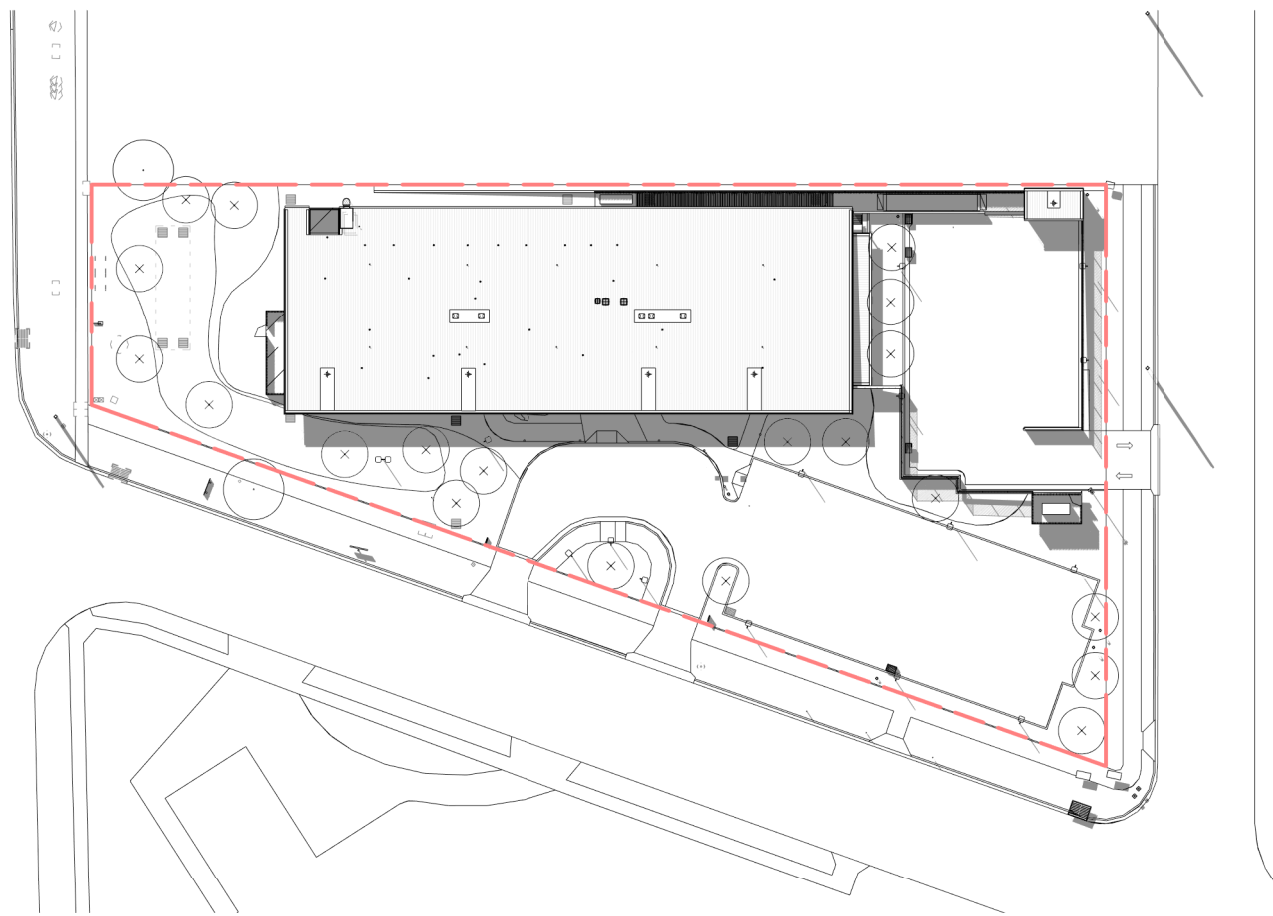
4 Solar Study - Winter - 9am
1 : 750



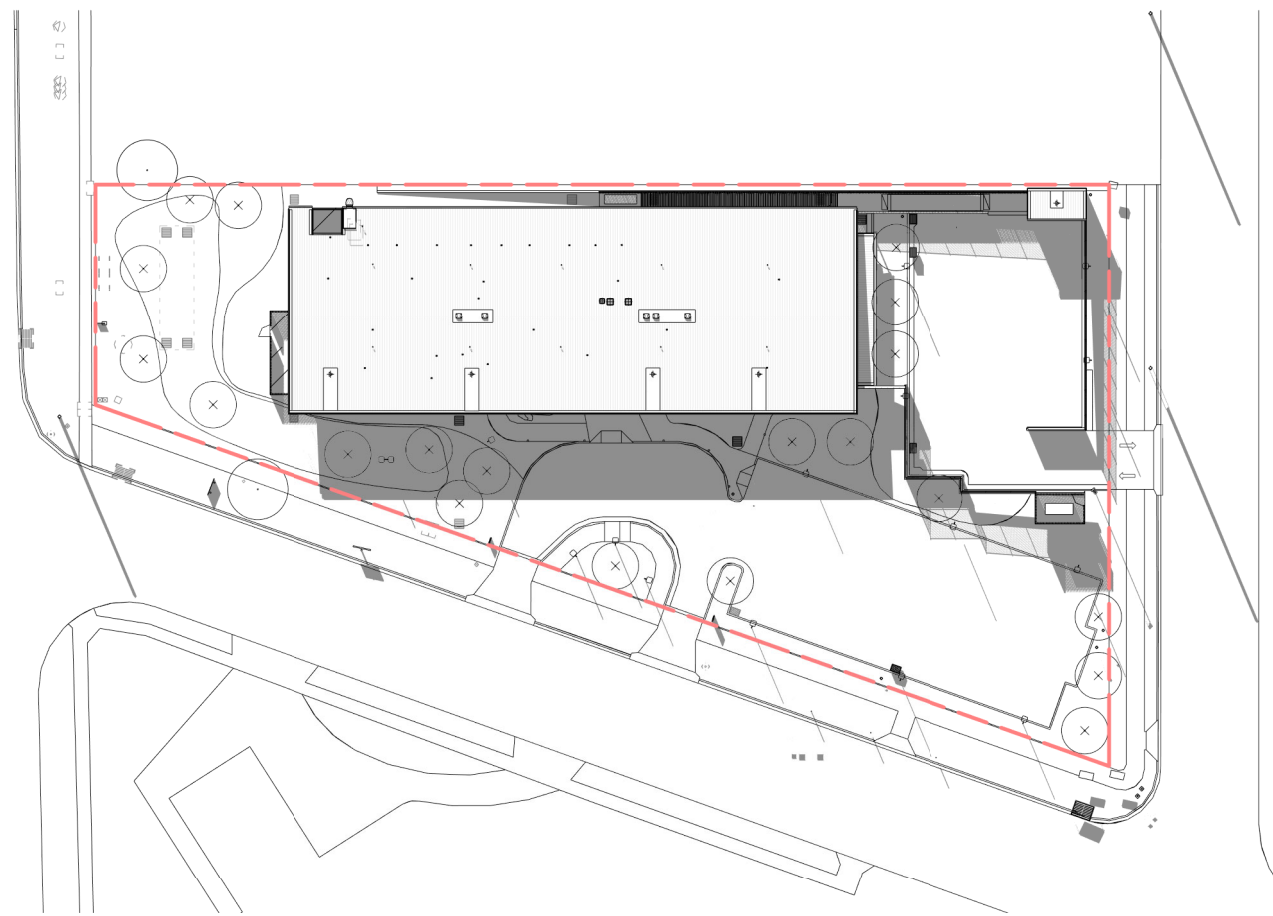
5 Solar Study - Spring - 3pm
1 : 750



6 Solar Study - Summer - 3pm
1 : 750



7 Solar Study - Autumn - 3pm
1 : 750



8 Solar Study - Winter - 3pm
1 : 750

Issue			
No.	Date	Description	Chkd
1	10.09.2019	Draft Development Application	LC
2	24.10.2019	Development Application 1	LC
3	22.11.2019	Development Application 3	LC

NFC

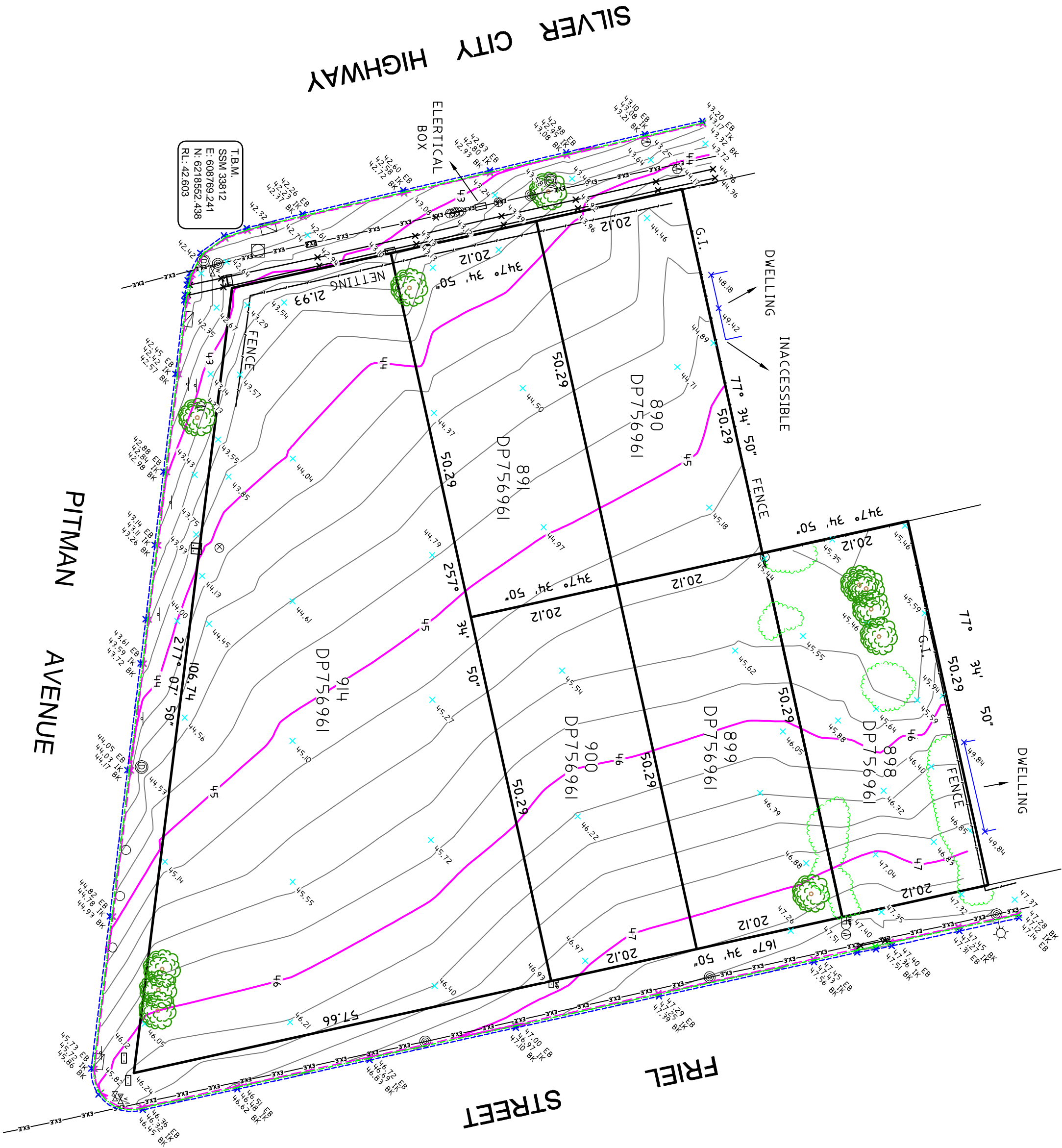
Drawing Title
SOLAR STUDY

Project
Buronga HealthOne

at
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Drawing Reference 130533-NBRS-AR-DWG-DA11
Revision 3



NOTATIONS:

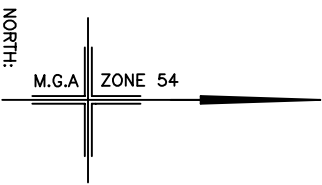
1. SURVEY DATA HAS BEEN OBTAINED THROUGH BOTH TOTAL STATION & G.P.S. OBSERVATIONS.
2. ALL MEASUREMENTS ARE IN METRES.
3. HORIZONTAL DATUM:
DATUM: MGA ZONE 54
COORDINATE SYSTEM: ARBITRARY GROUND DISTANCES.
4. LEVEL DATUM:
DATUM: A.H.D. VIDE SSM 33812 RL: 42.602.
5. TITLE BOUNDARIES ARE FOR PLANNING PURPOSES ONLY.
6. UNDERGROUND SERVICE INFORMATION HAS NOT BEEN LOCATED, SERVICES MAY EXIST.
7. CONTOURS ARE SHOWN AT AN INTERVAL OF 0.2m.

LEGEND:

- EXISTING ELECTRICITY OVERHEAD
- EXISTING EDGE OF BITUMEN ROAD
- EXISTING KERB INVERT
- EXISTING BACK OF KERB
- EXISTING FENCE & POST
- EXISTING GROUP OF SHRUBS/TREES
- EXISTING SIDE ENTRY PIT
- EXISTING SEWERAGE PIT
- EXISTING DRAINAGE PIT

- EXISTING ELECTRICITY PIT
- EXISTING COMMUNICATION PIT
- EXISTING TELSTRA MARKER POST
- EXISTING POWER POLE
- EXISTING STREET LIGHT
- EXISTING STREET SIGN
- EXISTING BENCH MARK
- EXISTING SURFACE LEVEL
- EXISTING TREE

- EXISTING VALVE
- EXISTING FIRE PLUG



DANSON & BLABY PTY LTD
CONSULTING LAND SURVEYORS
177 WALNUT AVENUE, MILDURA, VIC. 3600
Telephone (03) 5023 6268 or (03) 5023 1836

CLIENT: Buronga Health One
PLAN: Feature & Level Survey
PROJECT: Site Development
LOCATION: Silver City Hwy. Buronga, NSW 2739

SURVEY REF: 9623
DRAWN: MS
CHECKED: PD
SURVEYED: MS
SENIOR SURVEYOR: PRD
DATE OF SURVEY: 22-05-19
SCALE: 1:500(A2)

DRAWING NUMBER: 9623-1
VERSION: 1
SHEET NUMBER: 1 of 1



1 LOCALITY PLAN
NTS

LANDSCAPE DESIGN DEVELOPMENT - DRAWING SCHEDULE			
SHEET No.	TITLE	SCALE	REVISION No.
LWD100	COVER PAGE	AS SHOWN @ A1	E
LWD101	LANDSCAPE SITE PLAN	1:200 @ A1	E
LWD102	LANDSCAPE ENTRY PLAN	1:50 @ A1	E
LWD103	LANDSCAPE COURTYARD PLAN	1:50 @ A1	E
LWD104	LANDSCAPE SECTIONS	1:50 @ A1	E
LWD105	LANDSCAPE PLANTING PALETTE	N/A	E



2 CONTEXT PLAN
1:500 @ A1

LANDSCAPE DEVELOPMENT APPLICATION

BURONGA HEALTH ONE / FAR WEST LOCAL HEALTH DISTRICT

SILVER CITY HIGHWAY, BURONGA, NSW

Issue			
No.	Date	Description	Chkd
A	16/08/2019	Draft Schematic Plan	CWP
B	30/08/2019	Draft Development Application	CB
C	10/09/2019	Development Application	CWP
D	11/10/2019	Design development	CB
E	23/10/2019	Draft Development Application	CWP
F	24/10/2019	Development Application	CWP
G	12/11/2019	Development Application	CWP

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Landscape Architect
**NBR
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Level 3, 4 Glen Street, Milsoms Point, NSW 2061 Australia
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Project
Buronga HealthOne

at
Silver City Highway, Buronga, NSW
Client
Far West Local Health District

Drawing Title
COVER PAGE

Date 12/11/2019
Scale AS SHOWN
Project No. Sheet No. Revision No.
18463 - LWD100 - G

KEY

- 1

COLOURED CONCRETE TO FRAME ENTRY
FORECOURT. SEATING AREA WITH SCULPTURE,
FEATURE BOULDERS AND DECORATIVE
PEBBLES
- 2

NEEDLE EXCHANGE
- 3

BIKE PARKING
- 4

SCREEN SHRUBS AT 1.5m CENTRES ON
BOUNDARY
- 5

NATIVE EVERGREEN TREE PLANTING TO
FRAME ENTRY EXPERIENCE
- 6

SEATING WALL TO RETAINING EDGE
- 7

DROP OFF ZONE
- 8

STAFF & PUBLIC BITUMEN CARPARK
- 9

FLEET BITUMEN CARPARK
- 10

MASS PLANTING OF GRASSES TO
STABILISE EMBANKMENT
- 11

75mm MULCH SURFACE
- 12

DECORATIVE PEBBLE SURFACE
- 13

KIOSK AND GENERATOR ON CONCRETE
- 14

WATER METERS
- 15

GROSS POLLUTANT TRAP
- 16

SIGNAGE
- 17

EXISTING TREE TO BE RETAINED
- 18

PROPOSED PEDESTRIAN PATH
- 19

OUTDOOR COURTYARD SECURE
- 20

TURF PLANTING TO VERGE
- 21

CONCRETE CROSSOVER
- 22

WATER TANK

Issue

No.	Date	Description	Chkd
A	16/08/2019	Draft Schematic Plan	CWP
B	30/08/2019	Draft Development Application	CB
C	10/09/2019	Development Application	CWP
D	11/10/2019	Design Development	CB
E	23/10/2019	Draft Development Application	CWP
F	24/10/2019	Development Application	CWP
G	12/11/2019	Development Application	CWP

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Project

Buronga HealthOne

at

Silver City Highway, Buronga,

NSW

Client

Far West Local Health District

Drawing Title

LANDSCAPE SITE PLAN

Date 12/11/2019

Scale 1:200 @ A1 | 1:400 @ A3

Project No.

Sheet No.

Revision No.

18463 - LWD101 - G

10 12m 14m 16m 18m 10m 12m 14m 16m 1:200 1

SILVER CITY HIGHWAY

FRIEL STREET

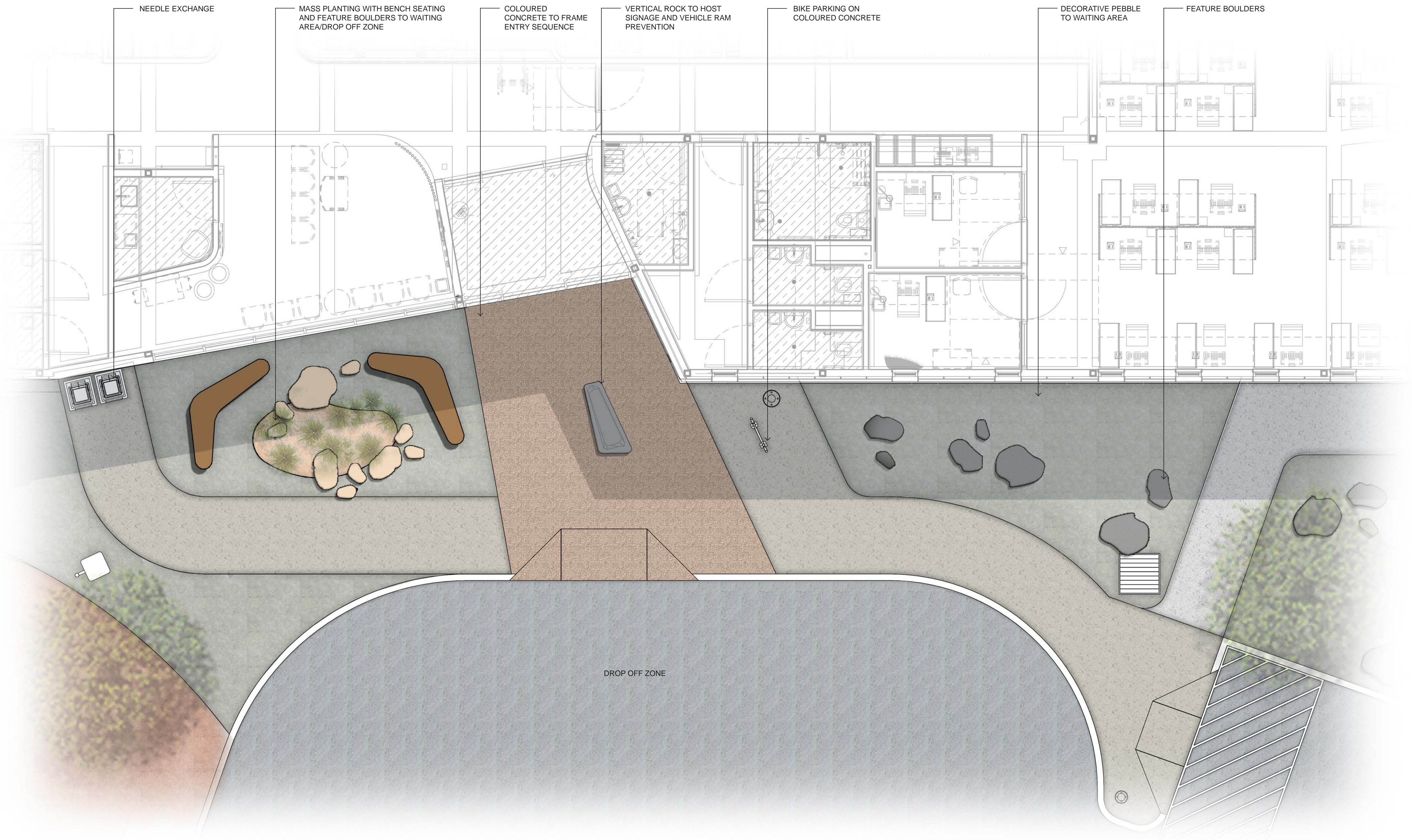
PITMAN AVENUE

LEGEND

- 75mm MULCH SURFACE
- PLAIN CONCRETE
PEDESTRIAN PATHS
- MASS PLANTING OF
GRASSES
- NATIVE EVERGREEN
TREE PLANTING 75L
- COLOURED CONCRETE
ENTRY PATH
- COLOURED CONCRETE
ENTRY FLOOR
- TURF PLANTING TO
VERGE
- NATIVE EVERGREEN
TREE PLANTING 45L
- DECORATIVE PEBBLE
- FEATURE BOULDERS
LOCATED AROUND SITE
- PROPRIETARY
SECURITY FENCE
- SHRUB PLANTING

DESIGN PRINCIPLES

- COMPLIMENT LOCAL CHARACTERISTICS OF BURONGA.
- MATERIAL CHOICES TO HIGHLIGHT KEY AREAS.
- EVERGREEN, NATIVE TREES TO FRAME ENTRY AND PROVIDE A SOFT SCREEN TO MEETING ROOMS.
- SUPPLEMENTARY SCREEN SHRUBS PLACED AT BOUNDARY AND COURTYARD TO PROVIDE PRIVACY AND TO SOFTEN THE IMPACT OF HARD STAND.
- NATIVE GRASS PLANTING OF LOW MAINTENANCE.
- EXTERNAL SEATING PROVIDED TO WAITING AREA AND DROP OFF ZONE.



Issue			
No.	Date	Description	Chkd
A	16/08/2019	Draft Schematic Plan	CWP
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Project
Buronga HealthOne

at
Silver City Highway, Buronga,
NSW
Client
Far West Local Health District

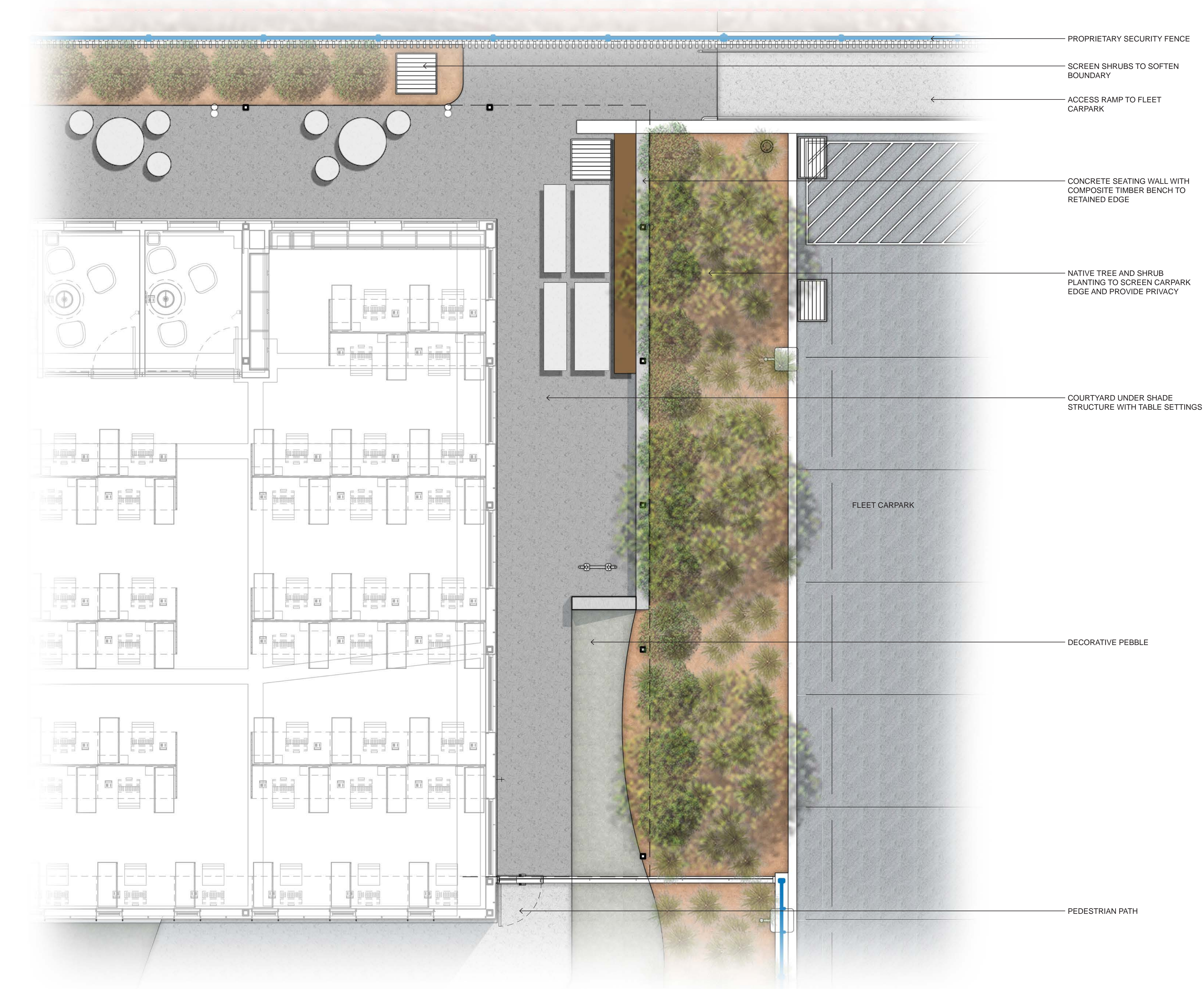
Drawing Title
LANDSCAPE ENTRY PLAN

Date 12/11/2019
Scale 1:50 @ A1 | 1:100 @ A3

Project No. Sheet No. Revision No.
18463 - LWD102 - G

10 10.5m 11m 11.5m 12m 12.5m 13m 13.5m 14m 14.5m 15m

LEGEND			
75mm MULCH SURFACE	PLAIN CONCRETE PEDESTRIAN PATHS	MASS PLANTING OF GRASSES	NATIVE EVERGREEN TREE PLANTING 75L
COLOURED CONCRETE ENTRY PATH	COLOURED CONCRETE ENTRY FLOOR	TURF PLANTING TO VERGE	NATIVE EVERGREEN TREE PLANTING 45L
DECORATIVE PEBBLE	FEATURE BOULDERS LOCATED AROUND SITE	PROPRIETARY SECURITY FENCE	SHRUB PLANTING



Issue

No.	Date	Description	Chkd
A	16/08/2019	Draft Schematic Plan	CWP
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Project

Buronga HealthOne

at

Silver City Highway, Buronga,

NSW

Client

Far West Local Health District

Drawing Title

LANDSCAPE COURTYARD PLAN

Date 12/11/2019

Scale 1:50 @ A1 | 1:100 @ A3

Project No.

Sheet No.

Revision No.

18463 - LWD103 - G

0 0.5m 1m 1.5m 2m 2.5m 3m 3.5m 4m 4.5m 5m

LEGEND

75mm MULCH SURFACE	PLAIN CONCRETE PEDESTRIAN PATHS	MASS PLANTING OF GRASSES	NATIVE EVERGREEN TREE PLANTING 75L
COLOURED CONCRETE ENTRY PATH	COLOURED CONCRETE ENTRY FLOOR	TURF PLANTING TO VERGE	NATIVE EVERGREEN TREE PLANTING 45L
DECORATIVE PEBBLE	FEATURE BOULDERS LOCATED AROUND SITE	PROPRIETARY SECURITY FENCE	SHRUB PLANTING

1 Section 1
1 : 50

2 Section 2
1 : 50

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Project
Buronga HealthOne

at
Silver City Highway, Buronga,
NSW

Client
Far West Local Health District

Drawing Title
LANDSCAPE SECTIONS

Date: 12/11/2019

Scale: 1:50 @ A1 | 1:100 @ A3

Project No. Sheet No. Revision No.

18463 - LWD104 - G

0	0.5m	1m	1.5m	2m	2.5m	3m	3.5m	4m	1:50
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TREES



BRACHYCHITON POPULNEUS



CAPPARIS MITCHELLII



EUCALYPTUS CAMALDULENSIS



EUCALYPTUS SALMONOPHLOIA



EUCALYPTUS VICTRIX

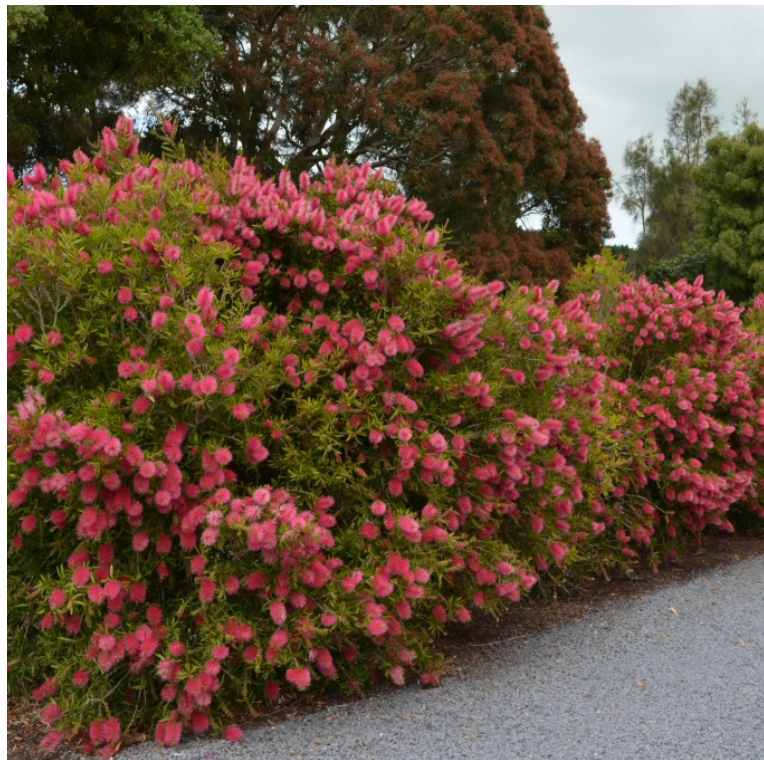


FRAXINUS GRIFFITHII



SANTALUM ACUMINATUM

SHRUBS



CALLISTEMON SALIGNUS



EREMOPHILA GLABRA



GREVILLEA 'WINPARA GOLD'



WESTRINGIA 'BLUE GEM'

GRASSES



ANIGOZANTHOS 'GOLD VELVET'



ANIGOZANTHOS MANGLESII



CYMBOPOGON AMBIGUUS



LOMANDRA LONGIFOLIA

TREES 75L

Botanical Name	Common Name	Pot Size	Density	Qty	Height @ Installation	Mature Height	Width
<i>Capparis mitchellii</i>	Native Orange	75L	As Shown	3	2-2.5m	5-8m	4-6m
<i>Brachychiton populneus</i>	Kurrajong Tree	75L	As Shown	3	2-2.5m	8-10m	10m
<i>Fraxinus griffithii</i>	Evergreen Ash	75L	As Shown	3	2-2.5m	6-8m	4m
<i>Santalum acuminatum</i>	Quandong	75L	As Shown	3	2-2.5m	4-5m	2-4m

TREES 45L

Botanical Name	Common Name	Pot Size	Density	Qty	Height @ Installation	Mature Height	Width
<i>Eucalyptus camaldulensis</i>	River Red Gum	45L	As Shown	2	1.5-2m	15-50m	15-35m
<i>Eucalyptus salmonophloia</i>	Salmon Gum	45L	As Shown	3	1.5-2m	8-20m	10-15m
<i>Eucalyptus victrix</i>	Little Ghost Gum	45L	As Shown	3	1.5-2m	8-12m	4m

SHRUBS

Botanical Name	Common Name	Pot Size	Density	Qty	Mature Height	Width
<i>Callistemon salignus</i>	Bottlebrush	25L	1.5m Cent.	20	2-4m	3m
<i>Grevillea sp.</i>	Winpara Gold	25L	1.5m Cent.	20	2m	2m
<i>Eremophila glabra</i>	Tar Bush	25L	1.5m Cent.	20	0.5-3m	1-2m
<i>Westringia fruticosa</i>	Blue Gem	25L	1.5m Cent.	20	1-1.5m	1m

GRASSES

Botanical Name	Common Name	Pot Size	Density	Qty	Mature Height	Width
<i>Anigozanthos 'Gold Velvet'</i>	Kangaroo Paw	5L	3per Sq.M	375	0.6m	0.4m
<i>Anigozanthos manglesii</i>	Kangaroo Paw	5L	3per Sq.M	375	2m	1m
<i>Cymbopogon ambiguus</i>	Native Lemon Grass	5L	3per Sq.M	375	1-2m	1-2m
<i>Lomandra longifolia</i>	Mat Rush	5L	3per Sq.M	375	1m	0.6m

Issue			
No.	Date	Description	Chkd
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Landscape Architect

Project
Buronga HealthOne

at
Silver City Highway, Buronga,
NSW
Client
Far West Local Health District

Drawing Title
LANDSCAPE PLANTING PALETTE

Date 12/11/2019
Scale N/A

Project No. Sheet No. Revision No.
18463 - LWD105 - G

BURONGA HEALTH ONE, BURONGA



GENERAL NOTES

- Contractor must verify all dimensions and existing levels on site prior to commencement of works. Any discrepancies to be reported to the Engineer
- Strip all topsoil from the construction area. All stripped topsoil shall be disposed of off-site unless directed otherwise.
- Make smooth connection with all existing works.
- Compact subgrade under buildings and pavements to minimum 98% standard maximum dry density in accordance with AS 1289 5.1.1. Compaction under buildings to extend 2m minimum beyond building footprint.
- All work on public property, property which is to become public property, or any work which is to come under the control of the Statutory Authority, the Contractor is to ensure that the drawings used for construction have been approved by all relevant authorities prior to commencement site.
- All work on public property, property which is to become public property, or any work which is to come under the control of the Statutory Authority is to be carried out in accordance with the requirements of the relevant Authority. The Contractor shall obtain these requirements from the Authority. Where the requirements of the Authority are different to the drawings and specifications, the requirements of the Authority shall be applicable.
- For all temporary batters refer to geotechnical recommendations.

REFERENCE DRAWINGS

- These drawings have been based from, and to be read in conjunction with the following Consultants drawings. Any conflict to the drawings must be notified immediately to the Engineer.

Consultant	Dwg Title	Dwg No	Rev	Date
DANSON & BLABY	DETAIL SURVEY	9623-1	1	22.05.19
NBRS	SITE PLAN PROPOSED ARCHITECTURE	130533-AR- DWG-0013	15	11.09.19

SURVEY AND SERVICES INFORMATION SURVEY

Origin of levels : SSM 33812 RL 42.602
Datum of levels : A.H.D. AUSTRALIAN HEIGHT DATUM
Coordinate system : MGA
Survey prepared by : DANSON & BLABY PTY LTD
Setout Points : CONTACT THE SURVEYOR

Taylor Thomson Whitting does not guarantee that the survey information shown on these drawings is accurate and will accept no liability for any inaccuracies in the survey information provided to us from any cause whatsoever.

UNDERGROUND SERVICES - WARNING

The locations of underground services shown on Taylor Thomson Whittings drawings have been plotted from diagrams provided by service authorities. This information has been prepared solely for the authorities own use and may not necessarily be updated or accurate.

The position of services as recorded by the authority at the time of installation may not reflect changes in the physical environment subsequent to installation.

Taylor Thomson Whitting does not guarantee that the services information shown on these drawings shows more than the presence or absence of services, and will accept no liability for inaccuracies in the services information shown from any cause whatsoever.

The Contractor must confirm the exact location and extent of services prior to construction and notify any conflict with the drawings immediately to the Engineer/Superintendent.

The contractor is to get approval from the relevant state survey department, to remove/adjust any survey mark. This includes but is not limited to; State Survey Marks (SSM), Permanent Marks (PM), cadastral reference marks or any other survey mark which is to be removed or adjusted in any way.

Taylor Thomson Whitting plans do not indicate the presence of any survey mark. The contractor is to undertake their own search.

SITETWORKS NOTES

- All basecourse material to comply with RMS specification No 3051 and compacted to minimum 98% modified standard dry density in accordance with AS 1289 5.2.1.
- All trench backfill material shall be compacted to the same density as the adjacent material.
- All service trenches under vehicular pavements shall be backfilled with an approved select material and compacted to a minimum 98% standard maximum dry density in accordance with AS 1289 5.1.1

STORMWATER DRAINAGE NOTES

1 Stormwater Design Criteria :

(A) Average exceedance probability –
1% AEP for roof drainage to first external pit
5% AEP for paved and landscaped areas

(B) Rainfall intensities –
Time of concentration: 5 minutes
1% AEP = 218 mm/hr
5% AEP = 142 mm/hr

(C) Rainfall losses –
Impervious areas: IL = 1.5 mm , CL = 0 mm/hr
Pervious areas: IL = 33 mm , CL = 0 mm/hr

- Pipes 300 dia and larger to be reinforced concrete Class "2" approved spigot and socket with rubber ring joints U.N.O.
- Pipes up to 300 dia may be sewer grade uPVC with solvent welded joints, subject to approval by the engineer
- Equivalent strength VCP or FRP pipes may be used subject to approval.
- Precast pits may be used external to the building subject to approval by
- Enlargers, connections and junctions to be manufactured fittings where pipes are less than 300 dia.
- Where subsol drains pass under floor slabs and vehicular pavements, unslootted uPVC sewer grade pipe is to be used.
- Grates and covers shall conform with AS 3996-2006, and AS 1428.1 for access requirements.
- Pipes are to be installed in accordance with AS 3725. All bedding to be type H2 U.N.O.
- Core is to be taken with invert levels of stormwater lines. Grades shown are not to be reduced without approval.
- All stormwater pipes to be 150 dia at 1.0% min fall U.N.O.
- Subsol drains to be slotted flexible uPVC U.N.O.
- Adapt invert levels for pipe installation (grades shown are only nominal).

CONCRETE NOTES

EXPOSURE CLASSIFICATION : External : B2

CONCRETE

Place concrete of the following characteristic compressive strength f_c as defined in AS 1379.

Location	AS 1379 f _c MPa at 28 days	Specified Slump	Nominal Agg. Size
Kerbs	S20	80	20
Retaining wall footing	S40	80	20

- Use Type 'GP' cement, unless otherwise specified.
- All concrete shall be subject to project assessment and testing to AS 1379.
- Consolidate by mechanical vibration. Cure all concrete surfaces as directed in the Specification.
- For all falls in slab, drip grooves, reglets, chamfers etc. refer to Architects drawings and specifications.
- Unless shown on the drawings, the location of all construction joints shall be submitted to Engineer for review.
- No holes or chases shall be made in the slab without the approval of the Engineer.
- Conduits and pipes are to be fixed to the underside of the top reinforcement layer.
- Slurry used to lubricate concrete pump lines is not to be used in any structural members.
- All slabs cast on ground require sand blinding with a Concrete Underlay

FORMWORK

- The design, certification, construction and performance of the formwork, falsework and backpropping shall be the responsibility of the contractor. Proposed method of installation and removal of formwork is to be submitted to the superintendent for comment prior to work being carried out.

CONCRETE FINISHING NOTES

- All exposed concrete pavements are to be broomed finished.
- All edges of the concrete pavement including keyed and dowelled joints are to be finished with an edging tool.
- Concrete pavements with grades greater than 10 % shall be heavily broomed finished.
- Carbounadum to be added to all stair treads and ramped crossings U.N.O.

CIVIL SAFETY IN DESIGN

Taylor Thomson Whitting (NSW) Pty Ltd operates under Safe Work Australia's Code of Conduct for the Safe Design of Structures. These drawings shall be read in conjunction with the Taylor Thomson Whitting Transfer of Information Letter and Civil Risk and Solutions Register.

Under the Code of Conduct it is the Client's responsibility to provide a copy of the Civil Risk and Solutions Register to the Principal Contractor.

It is the Principal Contractor's responsibility to review the hazards and risks identified during the design process to ensure a safe workplace is maintained for the construction, maintenance and eventual demolition of the civil infrastructure.

SAFETY IN DESIGN

Contractor to refer to Appendix B of the Civil Specification for the Civil Risk and Solutions Register.

EXISTING SERVICES

Contractor to be aware existing services are located within the site. Location of all services to be verified by the Contractor prior to commencing works. Contractor to confirm with relevant authority regarding measures to be taken to ensure services are protected or procedures are in place to demolish and/or relocate.

EXISTING STRUCTURES

Contractor to be aware existing structures may exist within the site. To prevent damage to existing structure(s) and/or personnel, site works to be carried out as far as practicably possible from existing structure(s).

EXISTING TREES

Contractor to be aware existing trees exist within the site which need to be protected. To prevent damage to trees and/or personnel, site works to be carried out as far as practicably possible from existing trees. Advice needs to be sought from Arborist and/or Landscape Architect on measures required to protect trees.

GROUNDWATER

Contractor to be aware ground water levels are close to existing surface level. Temporary de-watering may be required during construction works.

EXCAVATIONS

Deep excavations due to stormwater drainage works is required. Contractor to ensure safe working procedures are in place for works. All excavations to be fenced off and batters adequately supported to approval of Geotechnical Engineer.

GROUND CONDITIONS

Contractor to be aware of the site geotechnical conditions. Refer to geotechnical report by CivilTest report: 3190369-2 Issue 2 for details.

HAZARDOUS MATERIALS

Existing asbestos products & contaminated material may be present on site. Contractor to ensure all hazardous materials are identified prior to commencing works. Safe working practices as per relevant authority to be adopted and appropriate PPE to be used when handling all hazardous materials. Refer to geotechnical/environmental report by CivilTest report: 3190369-2 Issue 2 for details.

CONFINED SPACES

Contractor to be aware of potential hazards due to working in confined spaces such as stormwater pits, trenches and/or tanks. Contractor to provide safe working methods and use appropriate PPE when entering confined spaces.

MANUAL HANDLING

Contractor to be aware manual handling may be required during construction. Contractor to take appropriate measures to ensure manual handling procedures and assessments are in place prior to commencing works.

WATER POLLUTION

Contractor to ensure appropriate measures are taken to prevent pollutants from construction works contaminating the surrounding environment.

SITE ACCESS/EGRESS

Contractor to be aware site works occur in close proximity to footpaths and roadways. Contractor to erect appropriate barriers and signage to protect site personnel and public.

VEHICLE MOVEMENT

Contractor to supply and comply with traffic management plan and provide adequate site traffic control including a certified traffic marshal to supervise vehicle movements where necessary.

RETAINING WALLS

- Drainage shall be provided as shown on the drainage drawings.
- Backfilling shall be carried out after grout or concrete has reached a minimum strength of 0.85 f_c. Backfilling shall be approved granular material compacted in layers not exceeding 200mm to 95% Standard compaction unless noted otherwise.
- Provide waterproofing to back of walls as specified or noted.
- Where retaining walls rely on connecting structural elements for stability, do not backfill against the wall unless it is adequately propped or the elements have been constructed and have sufficient strength to withstand the loads.
- For all temporary batters obtain geotechnical engineers recommendations.

KERBING NOTES

Includes all kerbs, gutters, dish drains, crossings and edges.

- All kerbs, gutters, dish drains and crossings to be constructed on minimum 75mm granular basecourse compacted to minimum 98% modified maximum dry density in accordance with AS 1289 5.2.1.
- Expansion joints (EJ) to be formed from 10mm compressible cork filler board for the full depth of the section and cut to profile. Expansion joints to be located at drainage pits, on tangent points of curves and elsewhere at 12m centres except for integral kerbs where the expansion joints are to match the joint locations in slabs.
- Weakened plane joints to be min 3mm wide and located at 3m centres except for integral kerbs where weakened plane joints are to match the joint locations in slabs.
- Broomed finished to all ramped and vehicular crossings, all other kerbing or dish drains to be steel float finished.
- In the replacement of kerbs –
Existing road pavement is to be sawcut 900mm from lip of gutter. Upon completion of new kerbs, new basecourse and surface is to be laid 900mm wide to match existing materials and thicknesses.
Existing allotment drainage pipes are to be built into the new kerb with a 100mm dia hole.
Existing kerbs are to be completely removed where new kerbs are shown.

REINFORCEMENT NOTES

- Fix reinforcement as shown on drawings. The type and grade is indicated by a symbol as shown below. On the drawings this is followed by a numeral which indicates the size in millimetres of the reinforcement.

N. Hot rolled ribbed bar	grade D500N
R. Plain round bar	grade R250N
SL Square mesh	grade 500L
RL Rectangular mesh	grade 500L

- Provide bar supports or spacers to give the following concrete cover to all reinforcement unless otherwise noted on drawings.

Footings – 50 top, 50 bottom, 50 sides.

Walls – 30 generally,
– 30 when cast in forms but later exposed to weather or ground.
– .. when cast directly in contact with ground.- Cover to reinforcement ends to be 50 mm u.n.o.
- Provide N12-450 support bars to top reinforcement as required, Lap 500 U.N.O.
- Maintain cover to all pipes, conduits, reglets, drip grooves etc
- All cogs to be standard cogs unless noted otherwise.
- Fabric end and side laps are to be placed strictly in accordance with the manufacturers requirements to achieve a full tensile lap. Fabric shall be laid so that there is a maximum of 3 layers at any location.

FABRIC LAPS

25

- Laps in reinforcement shall be made only where shown on the drawings unless otherwise approved. Lap lengths as per table below.

SIGNS AND LINE MARKING NOTES

- Pavement marking and sign posting on public roads shall be in accordance with the requirements of the relevant Road Authority. The contractor shall obtain these requirements from the Road Authority.
- Pavement marking and sign posting to be in accordance with R.T.A. 'Interim Guide to Signs and Markings'.
- Contractor is to provide guide posts, spaced in accordance with AS1742.2. They are to be located near all head walls and pipe outlets.
- Raised pavement markers to be in accordance with AS1742.2
- Where existing pavement marking conflicts with proposed, it is to be removed.
- Lane widths do not include width of gutter.
- Line marking plan does not define boundaries.
- Erect temporary sign 'changed traffic conditions ahead' 120m ahead of new work in both directions.
- Establish the location of existing utility services and locate new signs clear of these installations.
- The sloped face of the SF median kerbs which adjoin through lanes, are to be painted white in lieu of an E3 edge line. The reflective pavement markers normally associated with an E3 edge line are to be located on the pavement adjacent to the SF kerb.
- Bicycle pavement markings and sign posting to be in accordance with Austroads Standards.
- The design of major directional sign posting to be prepared and assessed by the R.T.A.

JOINTING NOTES

Vehicular Pavement Jointing

- All vehicular pavements to be jointed as shown on drawings.
- Keyed construction joints should generally be located at a maximum of 6m centres.
- Sawn joints should generally be located at a maximum of 6m centres or 1.5 x the spacing of keyed joints, where key joint spacing is less than 4m, with dowelled expansion joints at maximum of 30m centres.
- Provide 10mm wide full depth expansion joints between buildings and all concrete or unit pavers.
- The timing of the saw cut is to be confirmed by the contractor on site. Site conditions will determine how many hours after the concrete pour before the saw cuts are commenced. Refer to the specification for weather conditions and temperatures required.
- Vehicular pavement jointing as follows.

FACE OF KERB

6m MAX

30m MAX

FACE OF BUILDING

Pedestrian Footpath Jointing

- Expansion joints are to be located where possible at tangent points of curves and elsewhere at max 6.0m centres.
- Weakened plane joints are to be located at a max 1.5 x width of the pavement.
- Where possible joints should be located to match kerbing and / or adjacent pavement joints.
- All pedestrian footpath jointings as follows (uno).

FACE OF KERB

1.5 x (1.5m MAX)

6.0m MAX

SITETWORKS LEGEND

● F22.20	Finished surface level
--- F22.00 ---	Finished contour
K&G	Kerb and gutter
KO	Kerb only
LK&G	Low kerb and gutter
LKO	Low kerb only
← ←	Swale drain 300 deep
→ [] →	Stormwater pit, flow direction and line with
IL10.00 600 ø 2' 1.25% Q=345 L/s IL9.65	Invert level upstream Pipe size and class Pipe grade Flow (Litres per second) Invert level downstream
GD	Grated drain
---	Subsoil drainage line (100 dia) – refer detail sheets
--- IR ---	Intermediate riser with subsoil drainage line (100 dia)
--- FP ---	Flushing point with subsoil drainage line (100 dia)
--- DP ---	Down pipe
RW#	Wheelstop
[]	Blockwork retaining wall

PIT SCHEDULE

Note: Grate size does not necessarily reflect pit size, refer pit type details, shown on detail sheets – C05
Final internal pit dimensions are to comply with AS3500

Type	Description	Cover (Clear Opening)	Number
A	Surface inlet pit	900 x 900 Class D galvanised mild steel grate hinged to frame	7,8,9,12, 16,17
B	Kerb inlet pit 1800 intel	600 x 900 Class D galvanised mild steel grate hinged to frame	10,11,13, 14,15
C	OSD tank Surface inlet pit	900 x 900 Class D galvanised mild steel grate hinged to frame	3,5,6
D		Existing pit to remain	1
E		Ocean protect Voritcapture	2

EXISTING SERVICES LEGEND

— S — S —	Existing sewer
— W — W —	Existing water
— EU —	Existing underground electrical
— EA —	Existing aerial electrical
— T — T —	Existing communications
— G — G —	Existing gas
— SW —	Existing stormwater

BULK EARTHWORKS NOTES

- All bulk earthworks setout from grid lines U.N.O.
- Excavated material may be used as structural fill provided,
(i) it complies with the specification requirements for fill material,
(ii) the placement moisture content complies with the Geotechnical Consultants requirements, and allows filling to be placed and proffrolled in accordance with the specification. Where necessary the Contractor must moisture condition the excavated material to meet these requirements.
- Compact fill areas and subgrade to not less than:

Location	Standard dry density (AS 1289 5.1.1.)	Moisture (OMC)
Under building slabs on ground:	98%	±2%
Under roads and carparks:	98%	±2%
Landscaped areas:	95%	±2%

- Before placing fill, proof roll exposed subgrade with a 10 tonne minimum roller to test subgrade and then remove soft spots (areas with more than 3mm movement under roller). Soft spots to be replaced with select fill U.N.O.
- Contractor shall place safety barriers around excavations in accordance with relevant safety regulations.
- For interpretation of bulk earthworks foot print line shown on the bulk earthworks drawings refer to the bulk earthworks construction legend.
- Bulk earthwork drawings are not to be used for detailed excavation.
- Refer to Geotechnical Report prepared by JK GEOTECHNICS Ref:31754brpt 28 November 2018

DRAWING SCHEDULE

Drawing No.	Drawing Title
C01	NOTES & LEGENDS SHEET
C02	EROSION & SEDIMENT CONTROL PLAN & DETAILS
C03	SITETWORKS & STORMWATER MANAGEMENT PLAN
C04	DETAILS SHEET 1
C05	DETAILS SHEET 2
C06	OSD DETAILS SHEET
C07	BULK EARTHWORKS CUT / FILL PLAN

DETAILED DESIGN

A12 1 2 3 4 5 6 7 8 9 10

DD4	DETAILED DESIGN	AH	AI	24.10.19					
DD3	DETAILED DESIGN	AH	JW	18.10.19					
DD2	DETAILED DESIGN	AH	JW	18.10.19					
D01	DETAILED DESIGN	AH	JW	04.10.19					
SD1	SCHEMATIC DESIGN	AH	AI	23.8.19					
P1	PRELIMINARY	AH	AI	30.7.19					
Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date

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Engineer

TTW

Structural Civil Traffic Façade

612 9439 7288 | 48 Chandos Street St Leonards NSW 2065

Project

BURONGA HEALTH ONE

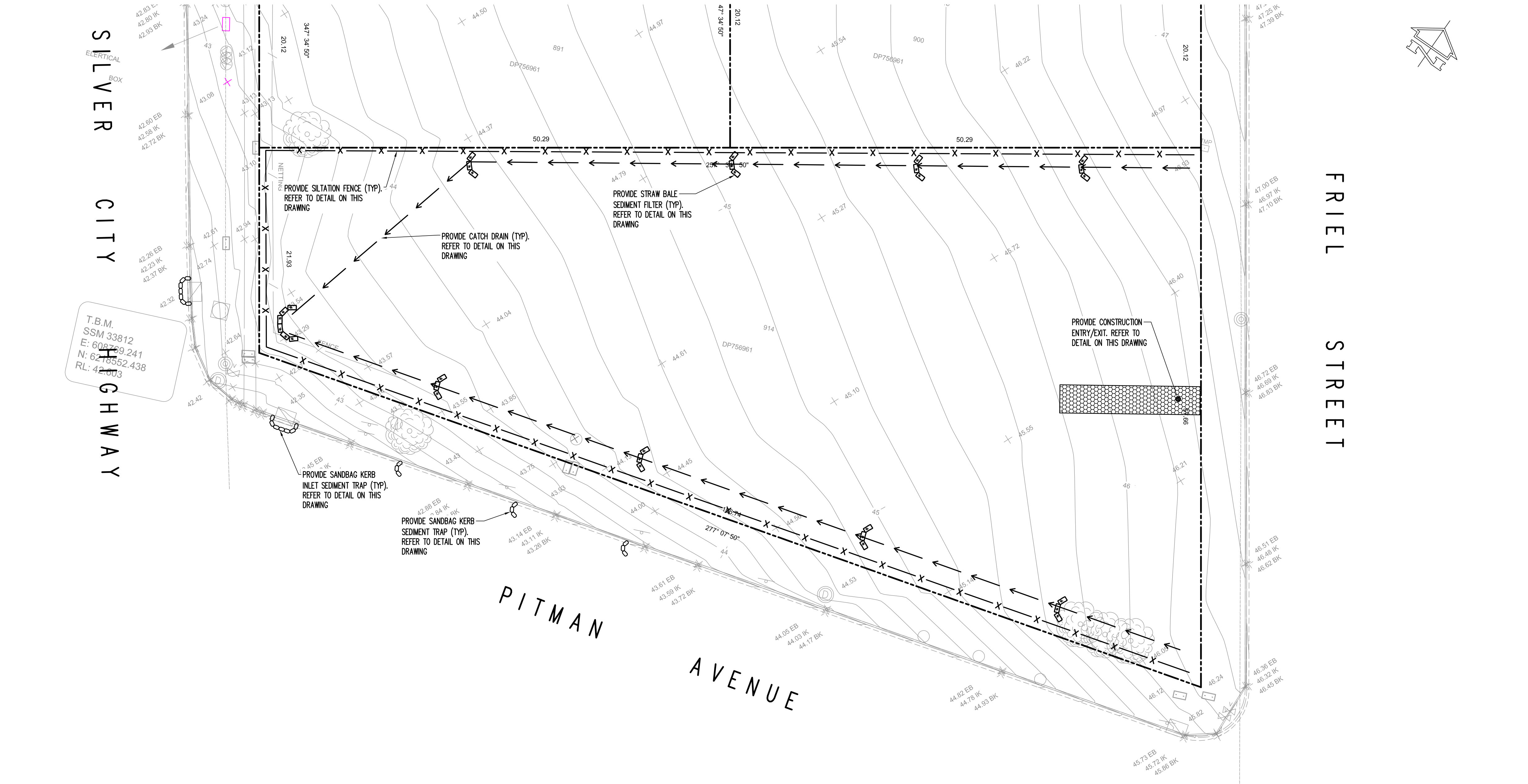
SILVER CITY HIGHWAY

BURONGA NSW

Sheet Subject

NOTES & LEGENDS SHEET

Scale : A1	Drawn	Authorised
NTS	AI	
Job No	Drawing No	Revision
191348	C01	DD4
Plot File Created: Oct 24, 2019 - 4:32pm		



EROSION AND SEDIMENT CONTROL NOTES

- All work shall be generally carried out in accordance with
 - Local authority requirements,
 - EPA – Pollution control manual for urban stormwater,
 - LANDCOM NSW – Managing Urban Stormwater: Soils and Construction ("Blue Book").
- When stormwater pits are constructed prevent site runoff entering the pits unless silt fences are erected around pits.
- Minimise the area of site being disturbed at any one time.
- Protect all stockpiles of materials from scour and erosion. Do not stockpile loose material in roadways, near drainage pits or in watercourses.
- All soil and water control measures are to be put back in place at the end of each working day, and modified to best suit site conditions.
- Control water from upstream of the site such that it does not enter the disturbed site.
- All construction vehicles shall enter and exit the site via the temporary construction entry/exit.
- All vehicles leaving the site shall be cleaned and inspected before leaving.
- Maintain all stormwater pipes and pits clear of debris and sediment. Inspect stormwater system and clean out after each storm event.
- Clean out all erosion and sediment control devices after each storm event.

Sequence Of Works

- Prior to commencement of excavation the following soil management devices must be installed.
- Construct silt fences below the site and across all potential runoff siles.
- Construct temporary construction entry/exit and divert runoff to suitable control systems.
- Construct measures to divert upstream flows into existing stormwater system.
- Construct sedimentation traps/basin including outlet control and overflow.
- Construct turf lined swales.
- Provide sandbag sediment traps upstream of existing pits.
- Construct geotextile filter pit surround around all proposed pits as they are constructed.
- On completion of pavement provide sand bag kerb inlet sediment traps around pits.
- Provide and maintain a strip of turf on both sides of all roads after the construction of kerbs.

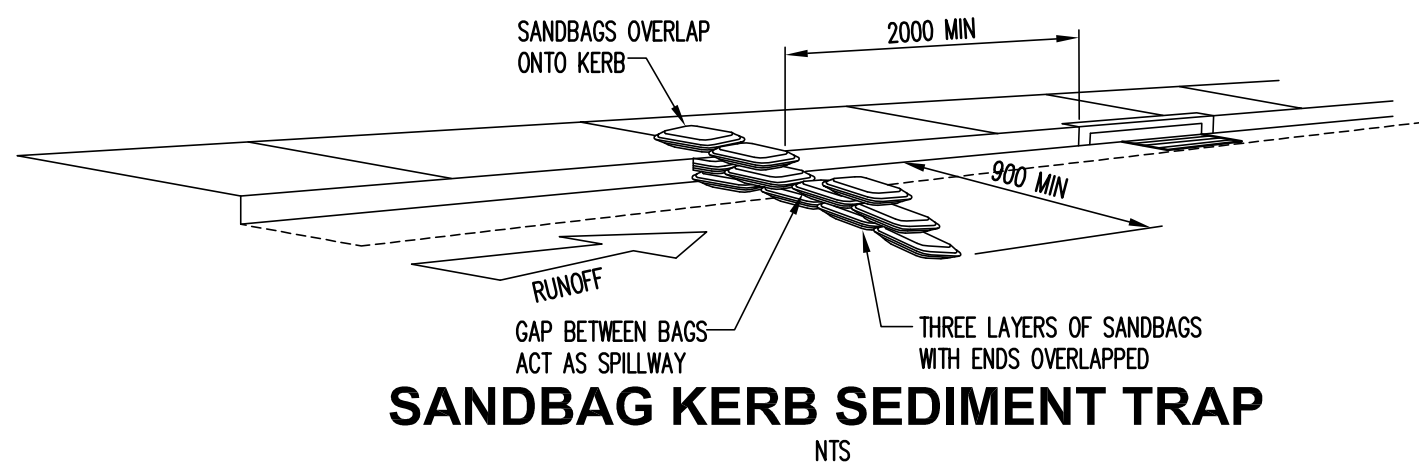
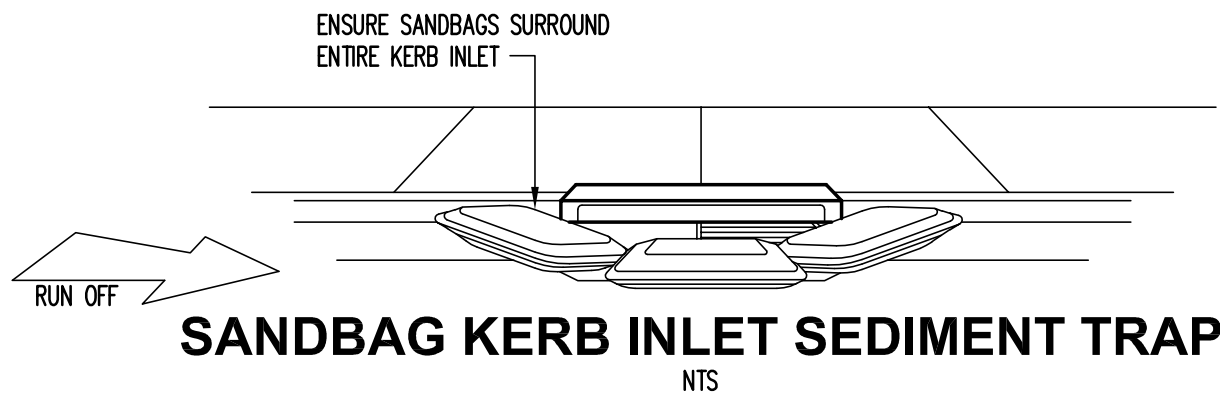
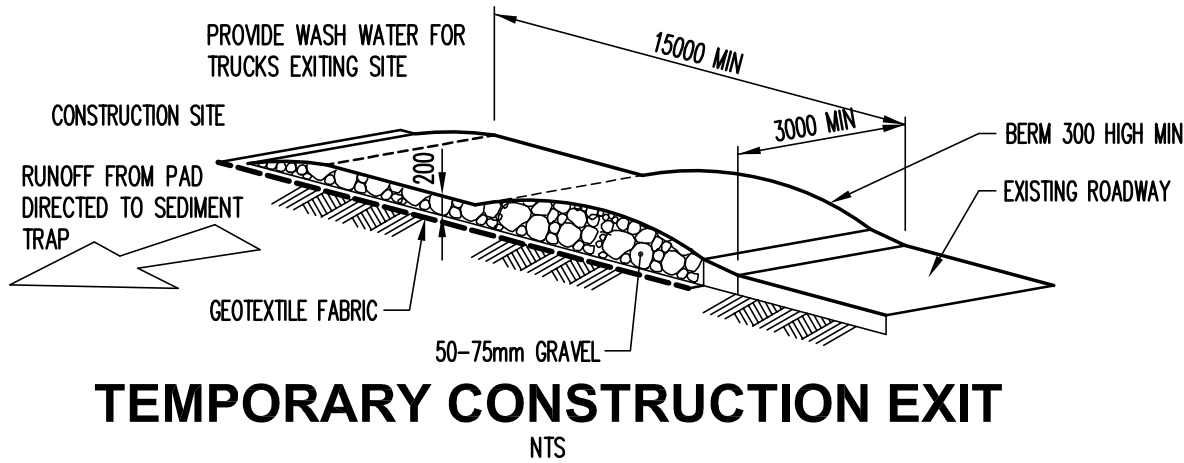
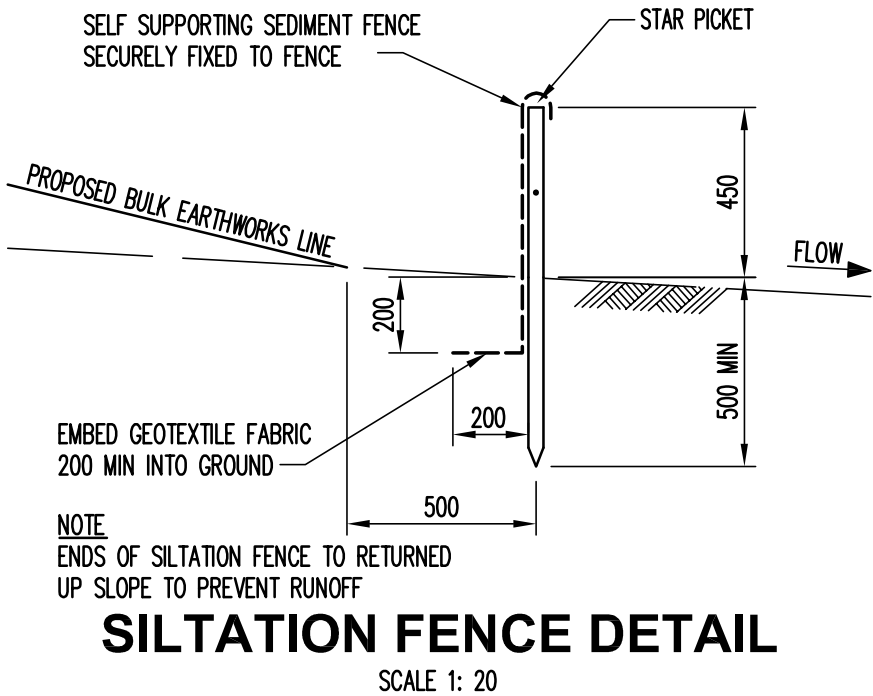
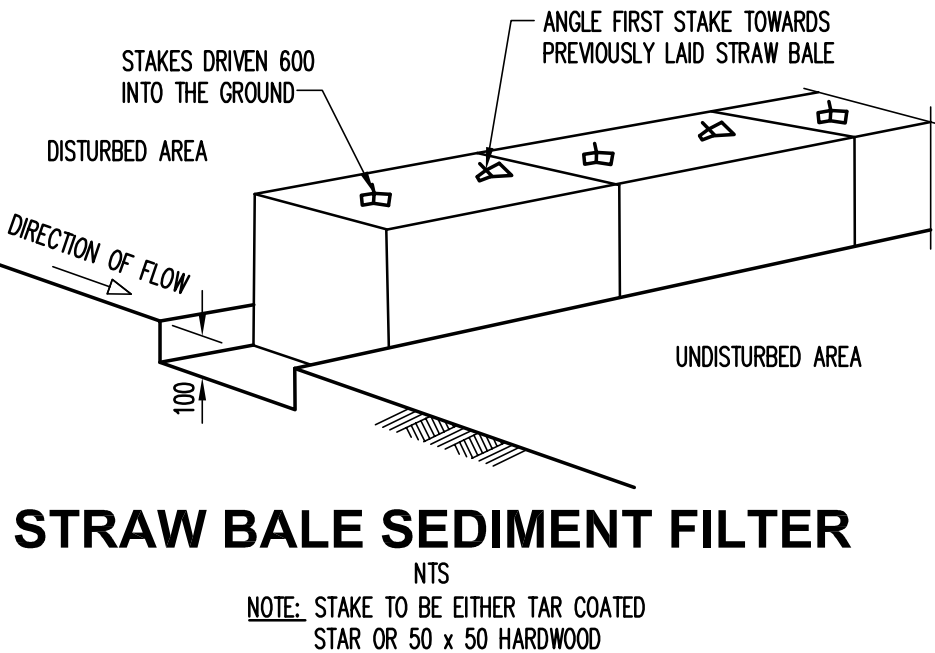
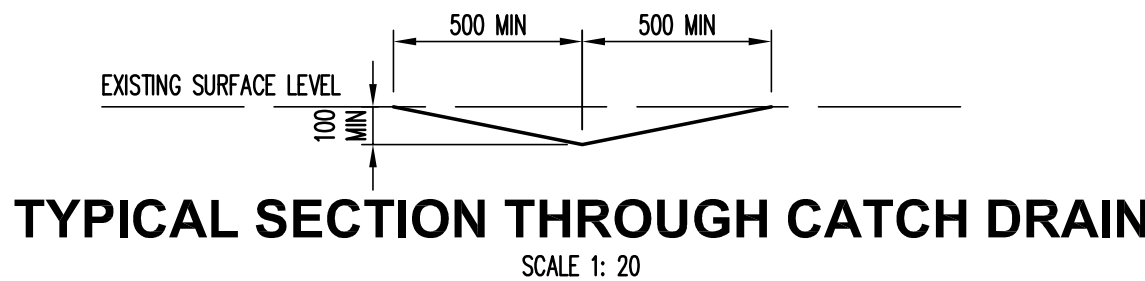
WATER QUALITY TESTING REQUIREMENTS

Prior to discharge of site stormwater, groundwater and seepage water into council's stormwater system, contractors must undertake water quality tests in conjunction with a suitably qualified environment consultant outlining the following:

- Compliance with the criteria of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality (2000)
- If required subject to the environmental consultants advice, provide remedial measures to improve the quality of water that is to be discharged into Councils storm water drainage system. This should include comments from a suitably qualified environmental consultant confirming the suitability of these remedial measures to manage the water discharged from the site into Councils storm water drainage system. Outlining the proposed, ongoing monitoring, contingency plans and validation program that will be in place to continually monitor the quality of water discharged from this site. This should outline the frequency of water quality testing that will be undertaken by a suitably qualified environmental consultant.

EROSION AND SEDIMENT CONTROL LEGEND

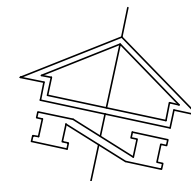
- Batter
- Siltation fence
- Stormwater pit with Geotextile filter surround
- Hay bale barriers
- Sandbag sediment trap
- Catch drain
- Overland flow path



DETAILED DESIGN

Filename: C02.dwg - User: alari - Plot File Created: Oct 24, 2019 - 4:34pm

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FRIEL STREET

SILVER CITY HIGHWAY

PITMAN AVENUE

SITeworks LEGEND

- F22.20 Finished surface level
- F22.00 Finished contour
- == K&G Kerb and gutter
- == KO Kerb only
- == LK&G Low kerb and gutter
- == LKO Low kerb only
- ← Grass swale overland path 100mm deep
- Stormwater pit, flow direction and line with Invert level upstream Pipe size and class Pipe grade Flow (Litres per second) Invert level downstream
- GD Grated drain
- Subsoil drainage line (100 dia) - refer detail sheets
- IR Intermediate riser with subsoil drainage line (100 dia)
- FP Flushing point with subsoil drainage line (100 dia)
- DP Down pipe
- Wheelstop
- Blockwork retaining wall

PAVEMENT LEGEND

- NOTES**
1. Asphaltic concrete shall conform to AS2150 and the specification
- P1 40mm Thickness asphaltic concrete (AC10) on 7mm Primer seal on 120mm Compacted thickness fine crushed rock (DGB20) on 140mm Compacted thickness fine crushed rock (DGS40) on Existing subgrade assumed CBR 8%
 - P2 150mm Thickness concrete (f'c=32MPa) with SL92 fabric (40 top cover) on 100mm Compacted thickness fine crushed rock (DGB 20)
 - P3 100mm Thickness concrete (f'c=32MPa) with SL72 fabric (40 top cover) on 100mm Compacted thickness fine crushed rock (DGB 20)
 - P4 Landscape pebbles ground cover pavement. Refer to Landscape Architect's specification
 - L1 Landscaping to Landscape Architect's specification
 - L2 Grass verge to reinstated to Council's requirements

DETAILED DESIGN

PathName: C03.dwg - User: dani - Plot File Created: Oct 24, 2019 - 4:40pm

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P5	ISSUE FOR COORDINATION	AH	KH	25.07.19										
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P3	ISSUE FOR COORDINATION	AH	AI	16.07.19	DD2	DETAILED DESIGN	AH	JW	18.10.19					
P2	ISSUE FOR COORDINATION	AH	AI	15.07.19	DD1	DETAILED DESIGN	AH	JW	04.10.19					
P1	ISSUE FOR COORDINATION	AH	AI	12.07.19	SD1	SCHEMATIC DESIGN	AH	AI	23.08.19					

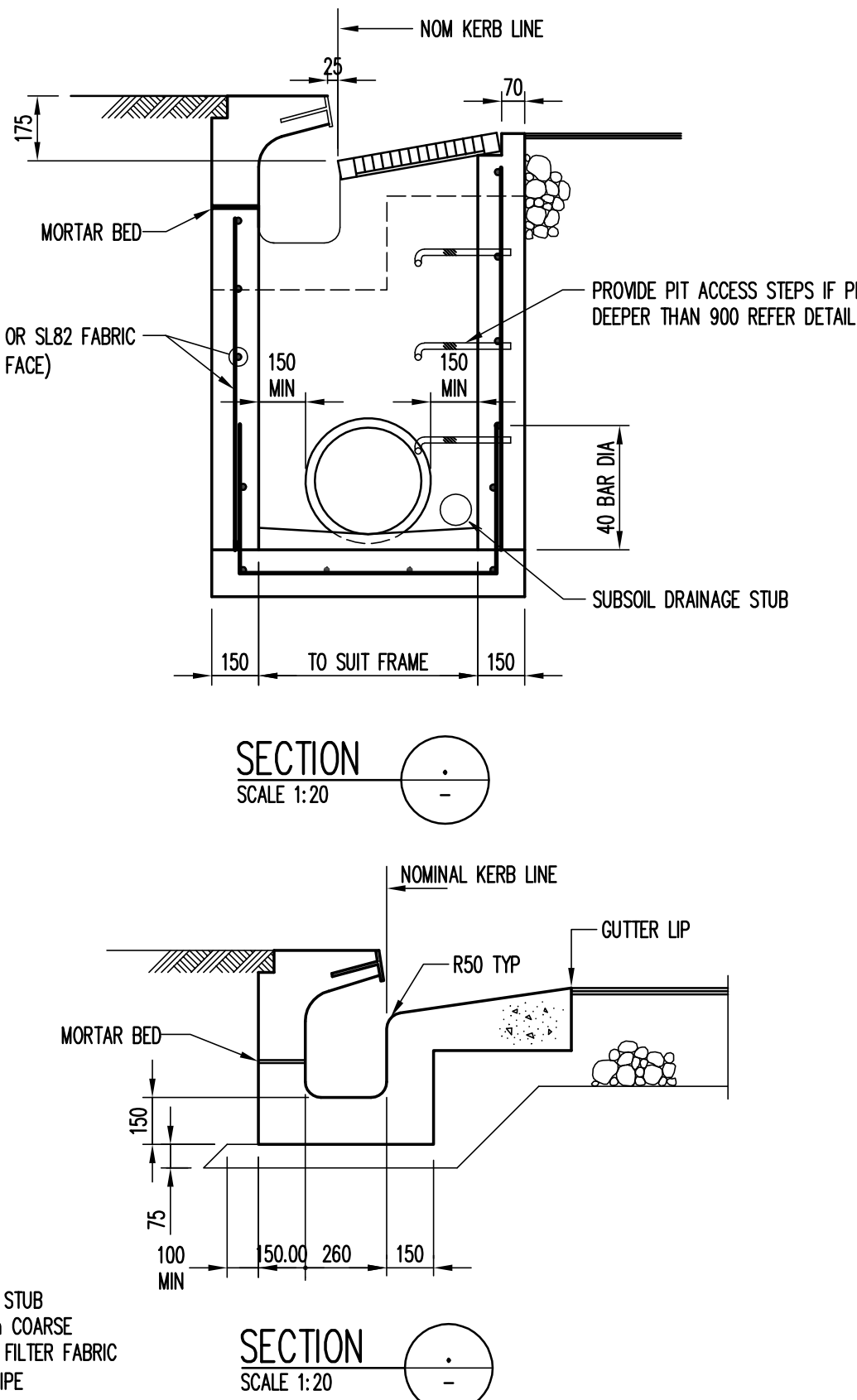
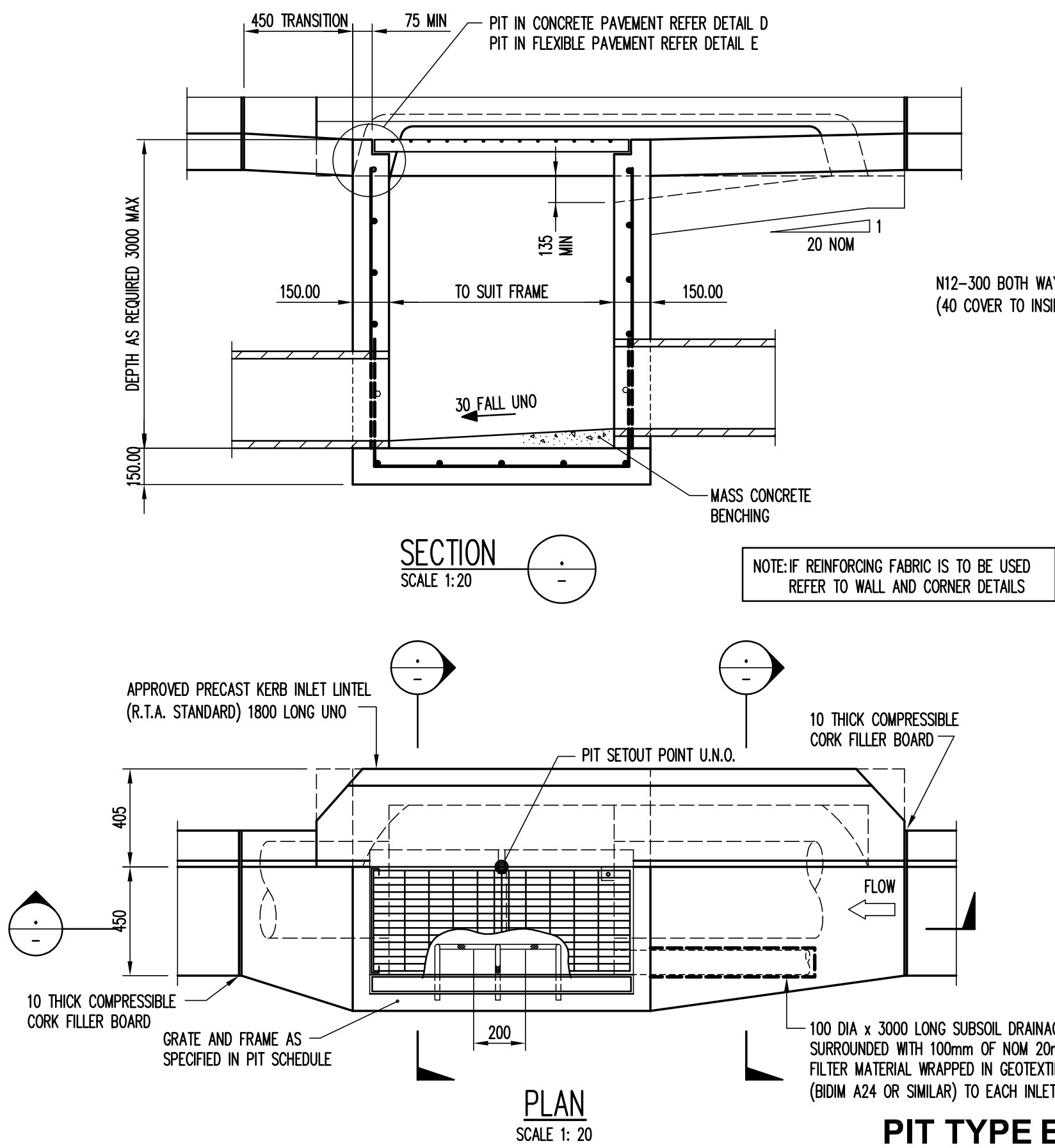
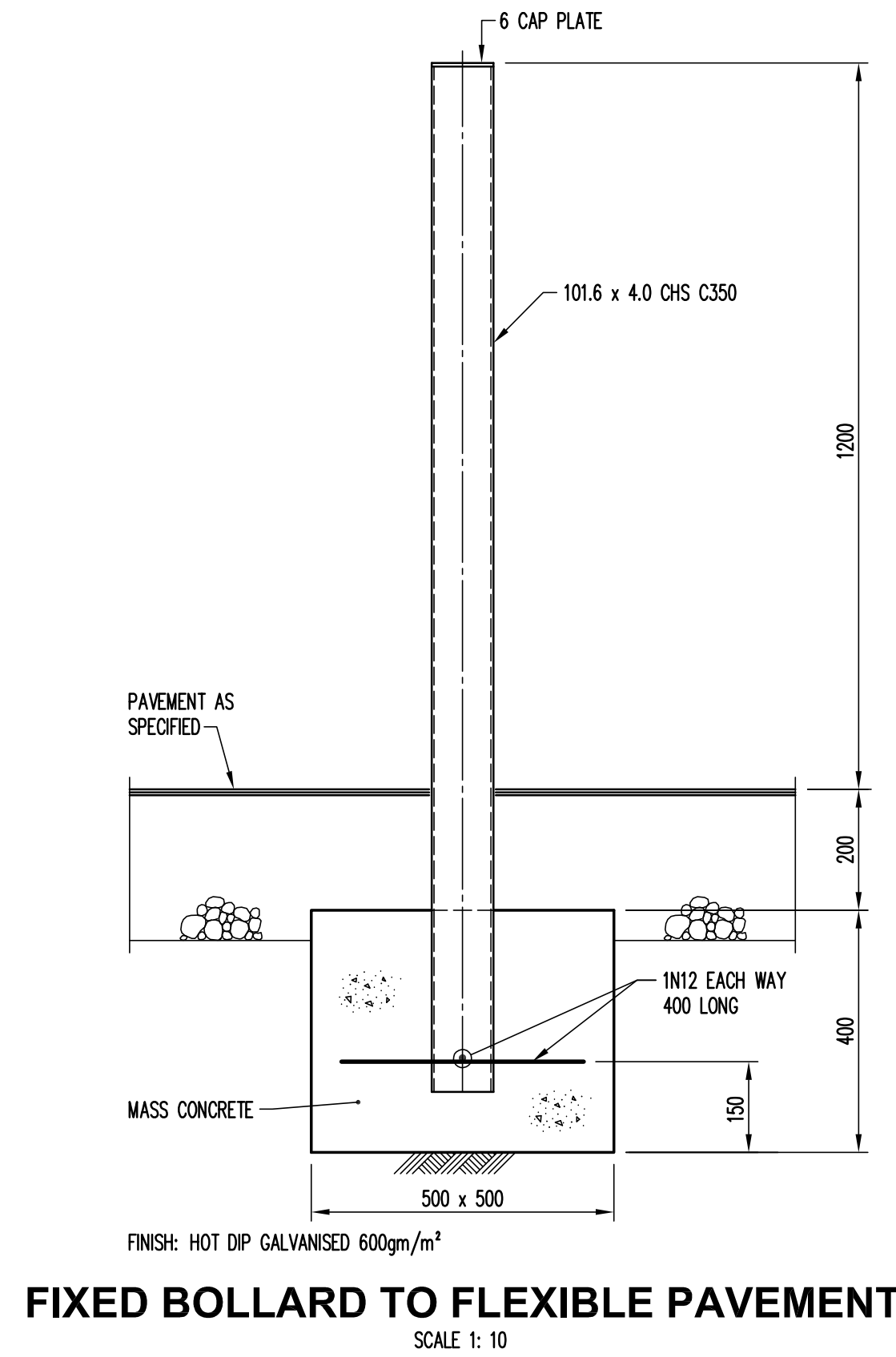
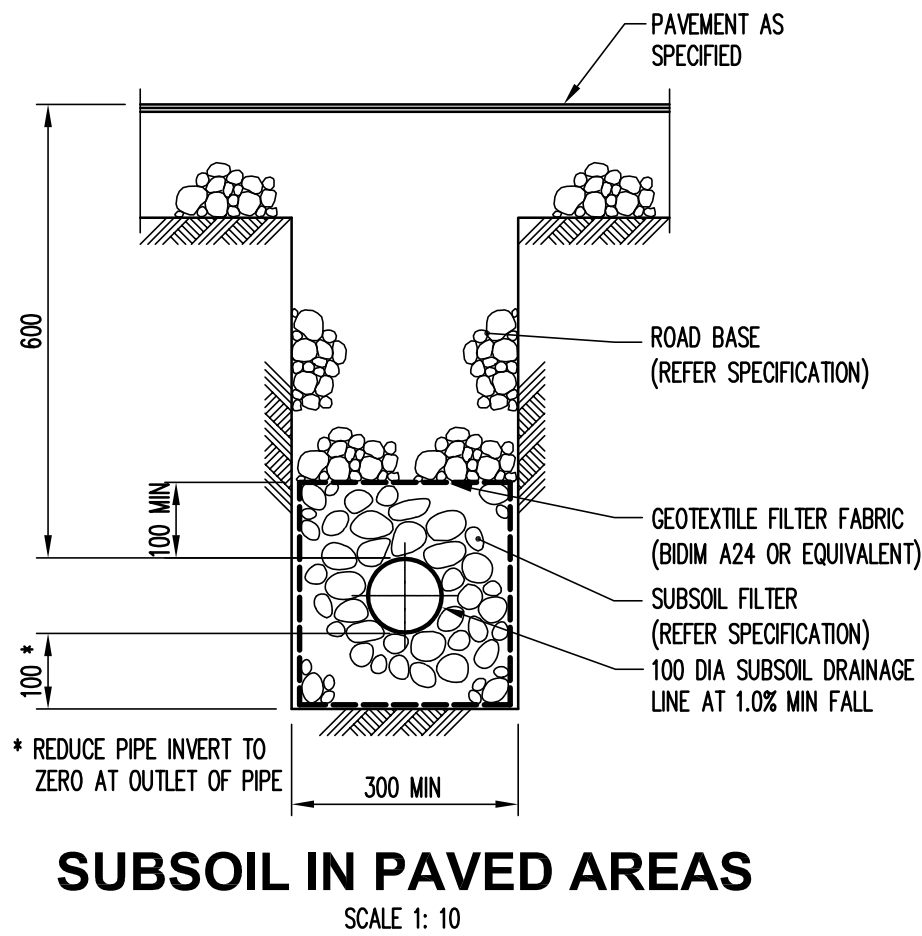
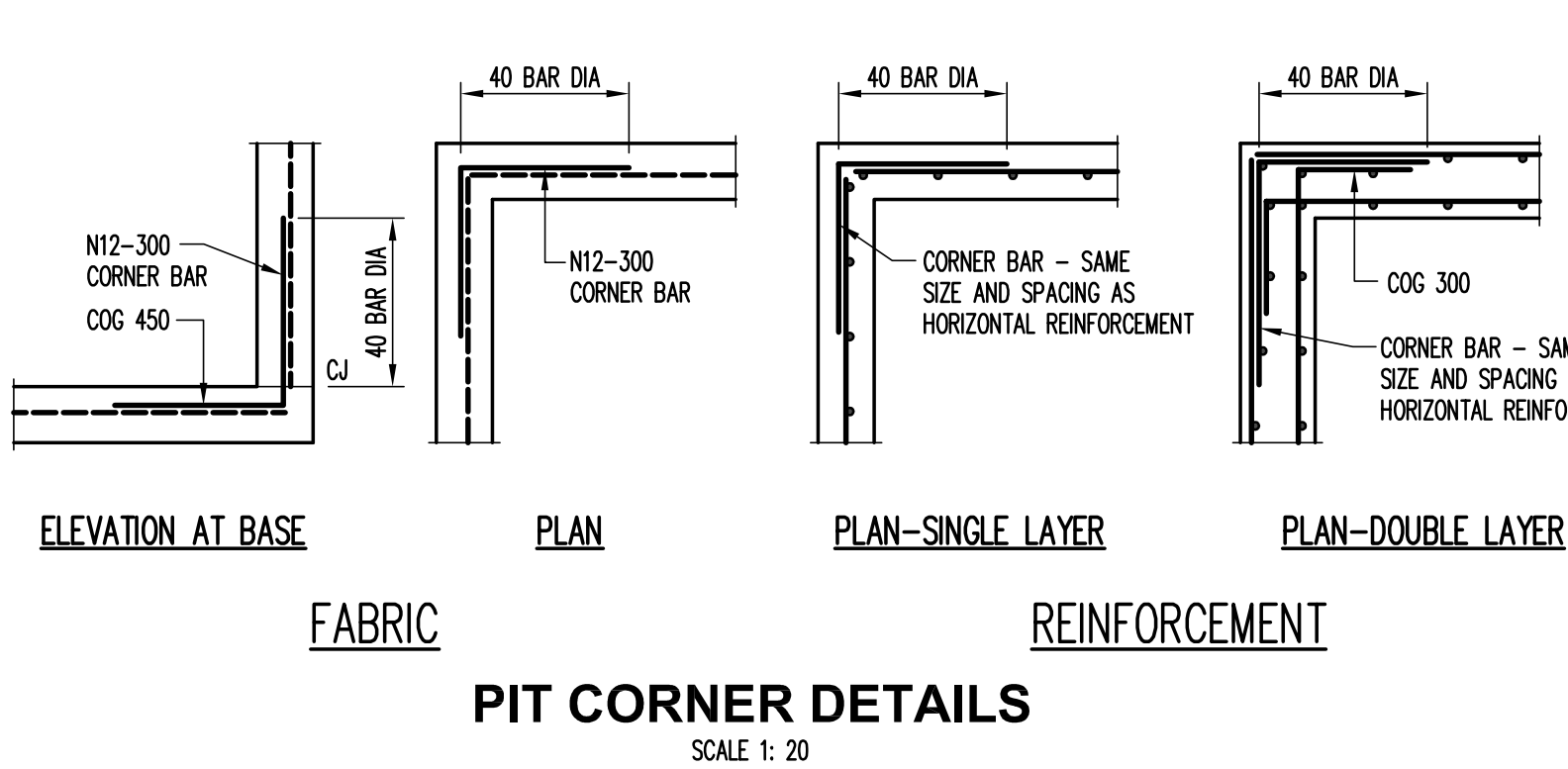
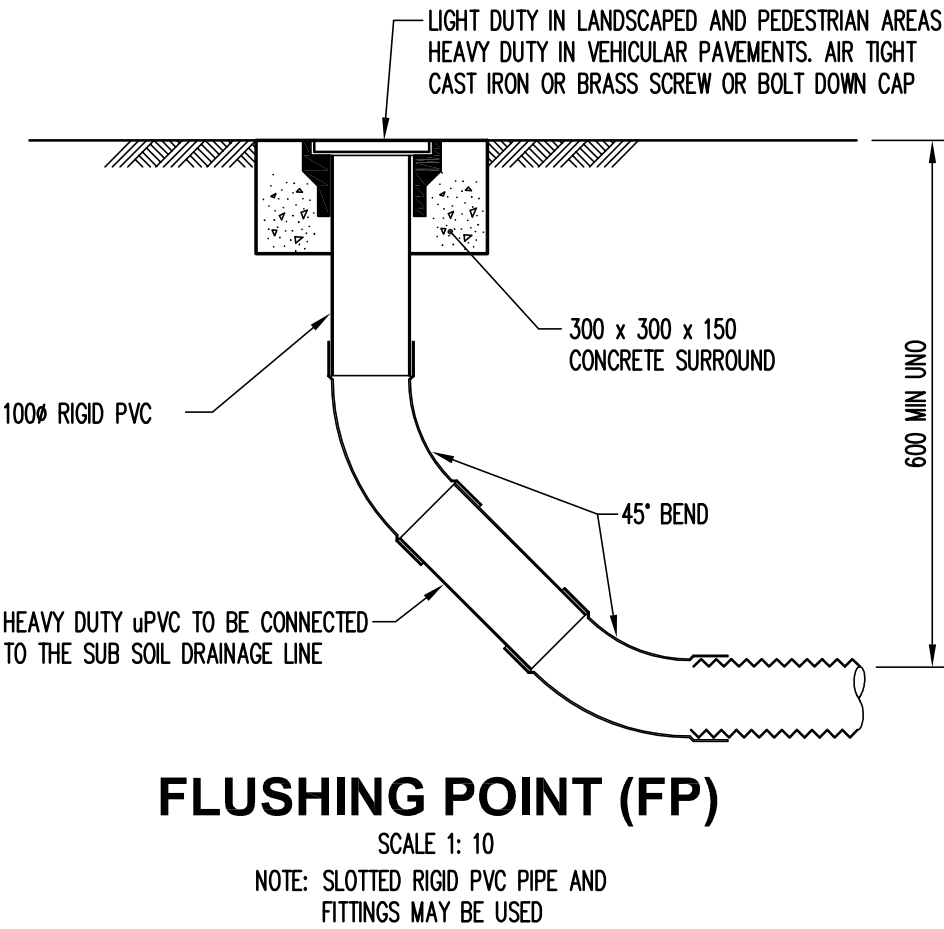
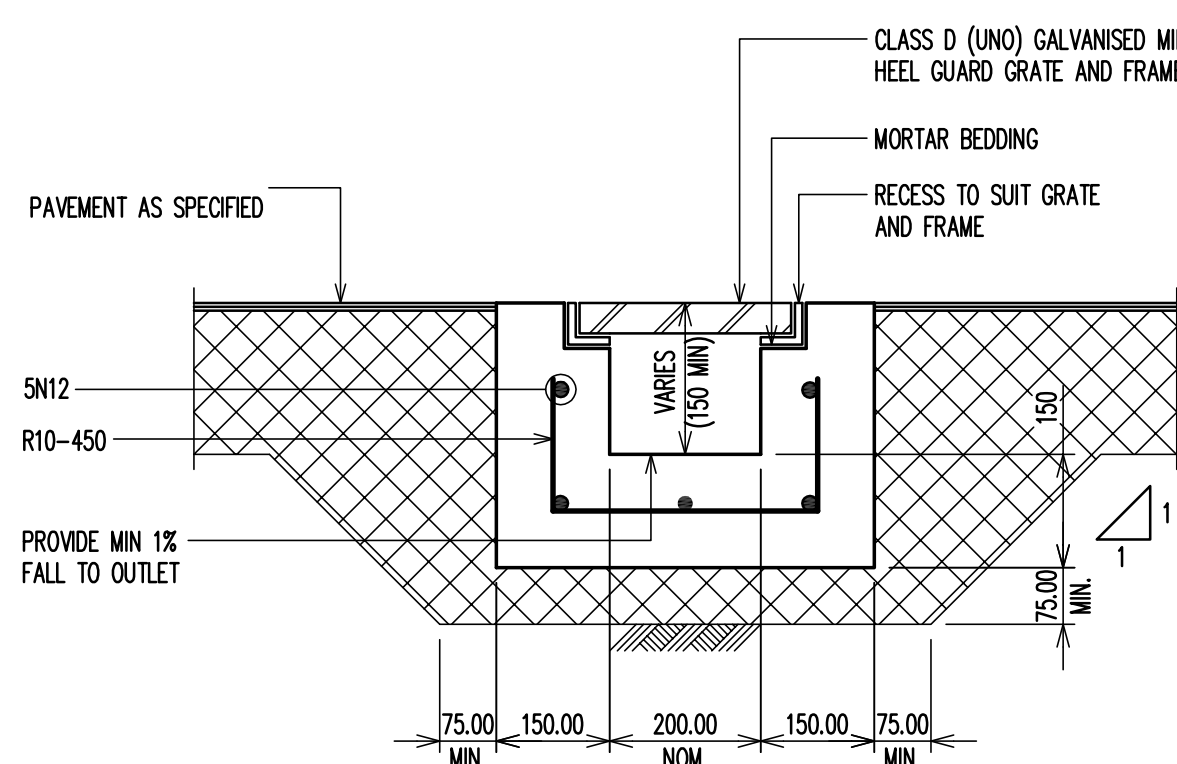
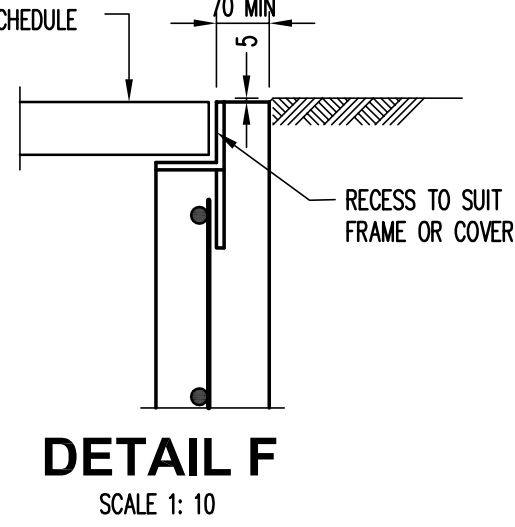
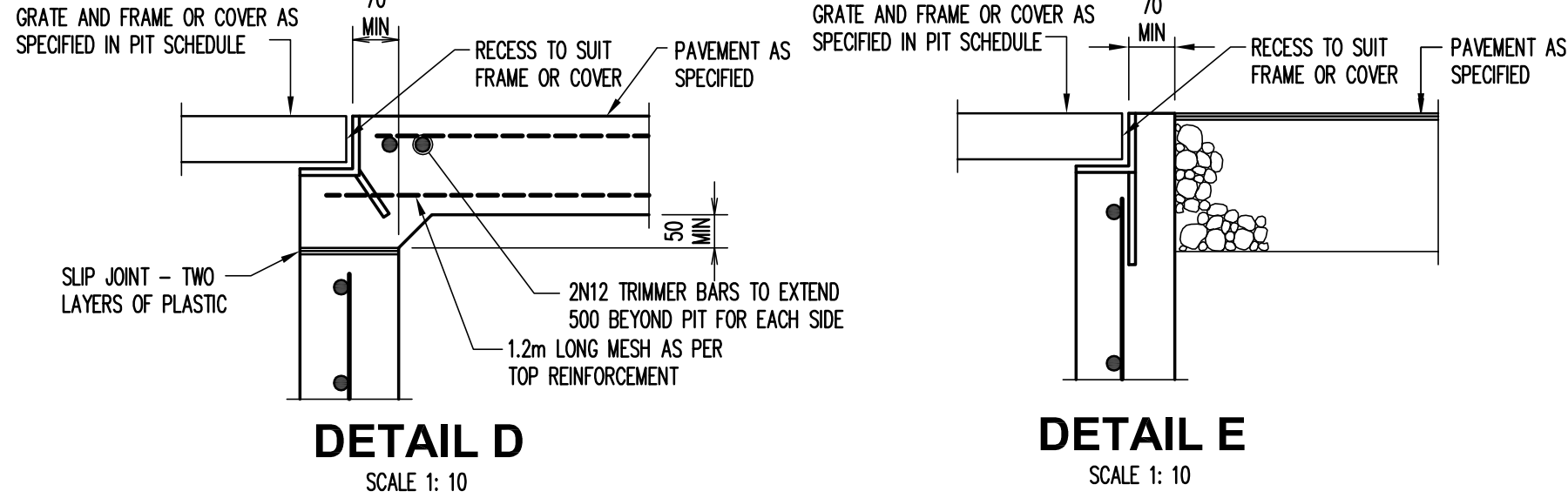
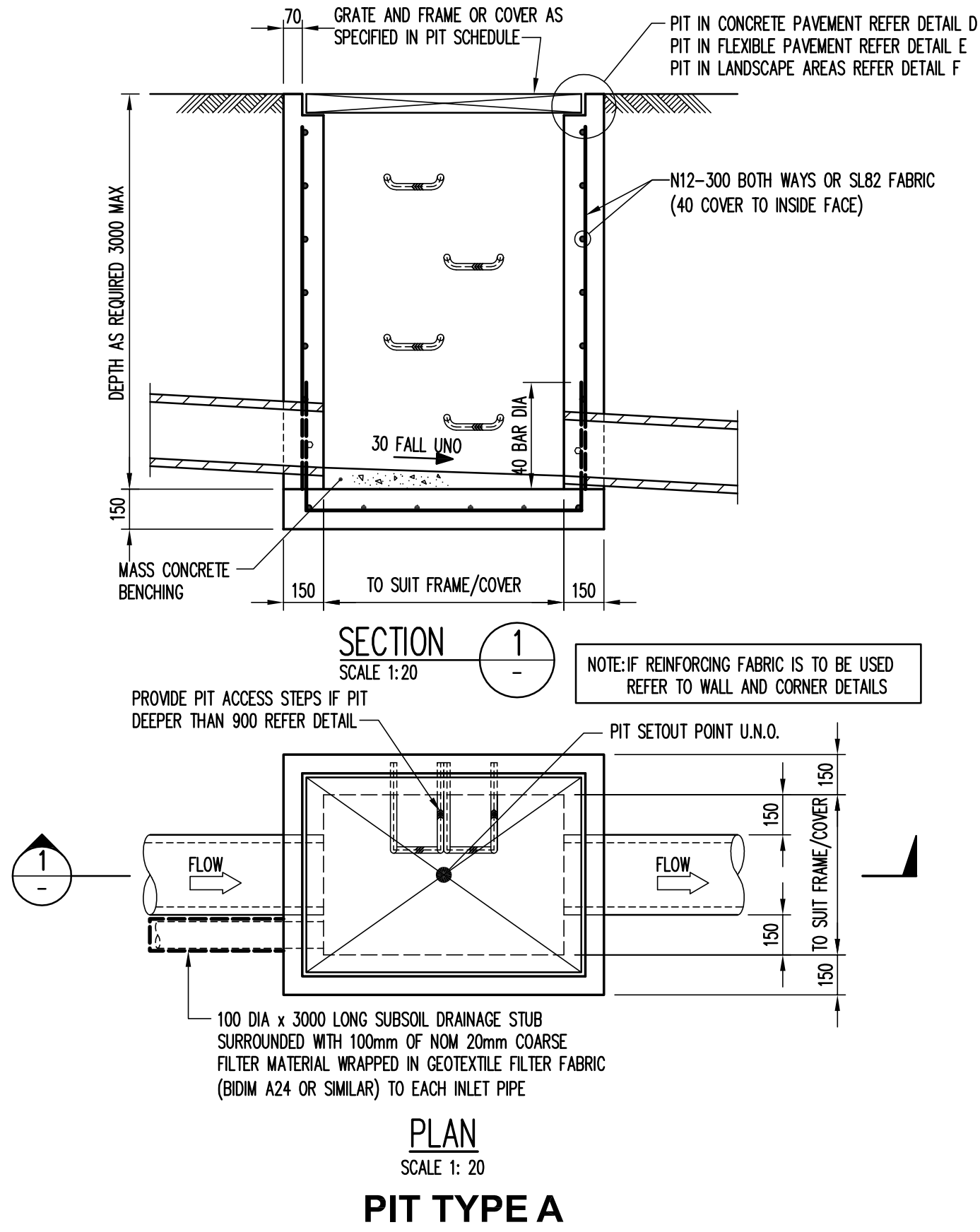
Architect
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Project
BURONGA HEALTH ONE
SILVER CITY HIGHWAY
BURONGA NSW

Sheet Subject
SITework & STORMWATER
PLAN

Scale: A1
1:200
Job No
191348
Plot File Created: Oct 24, 2019 - 4:40pm
Drawn
AI
Drawing No
C03
Authorised
DD3
Revision



DETAILED DESIGN

Filename: C05.dwg - USER: dani - Plot File Created: Oct 24, 2019 - 4:42pm

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DD2	DETAILED DESIGN	AH	JW	18.10.19										
DD1	DETAILED DESIGN	AH	JW	04.10.19										
SD1	PRELIMINARY	AH	JW	23.8.19										

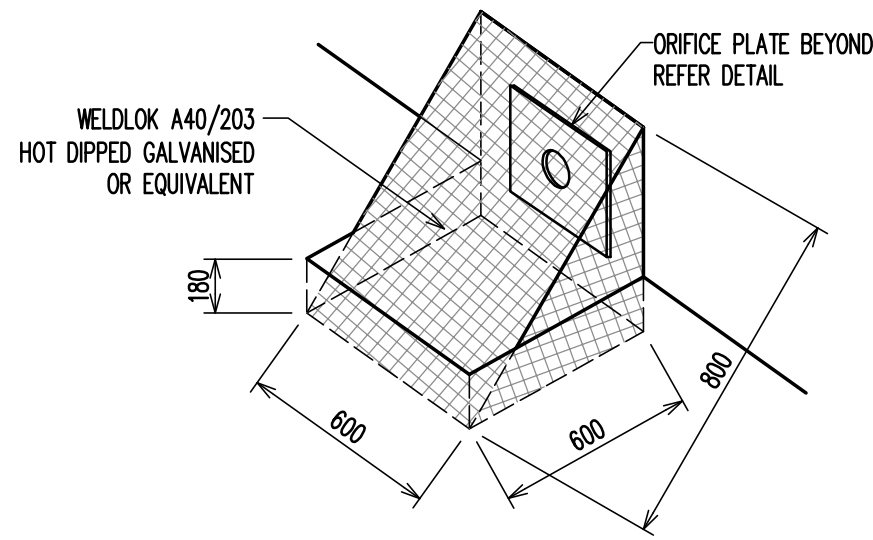
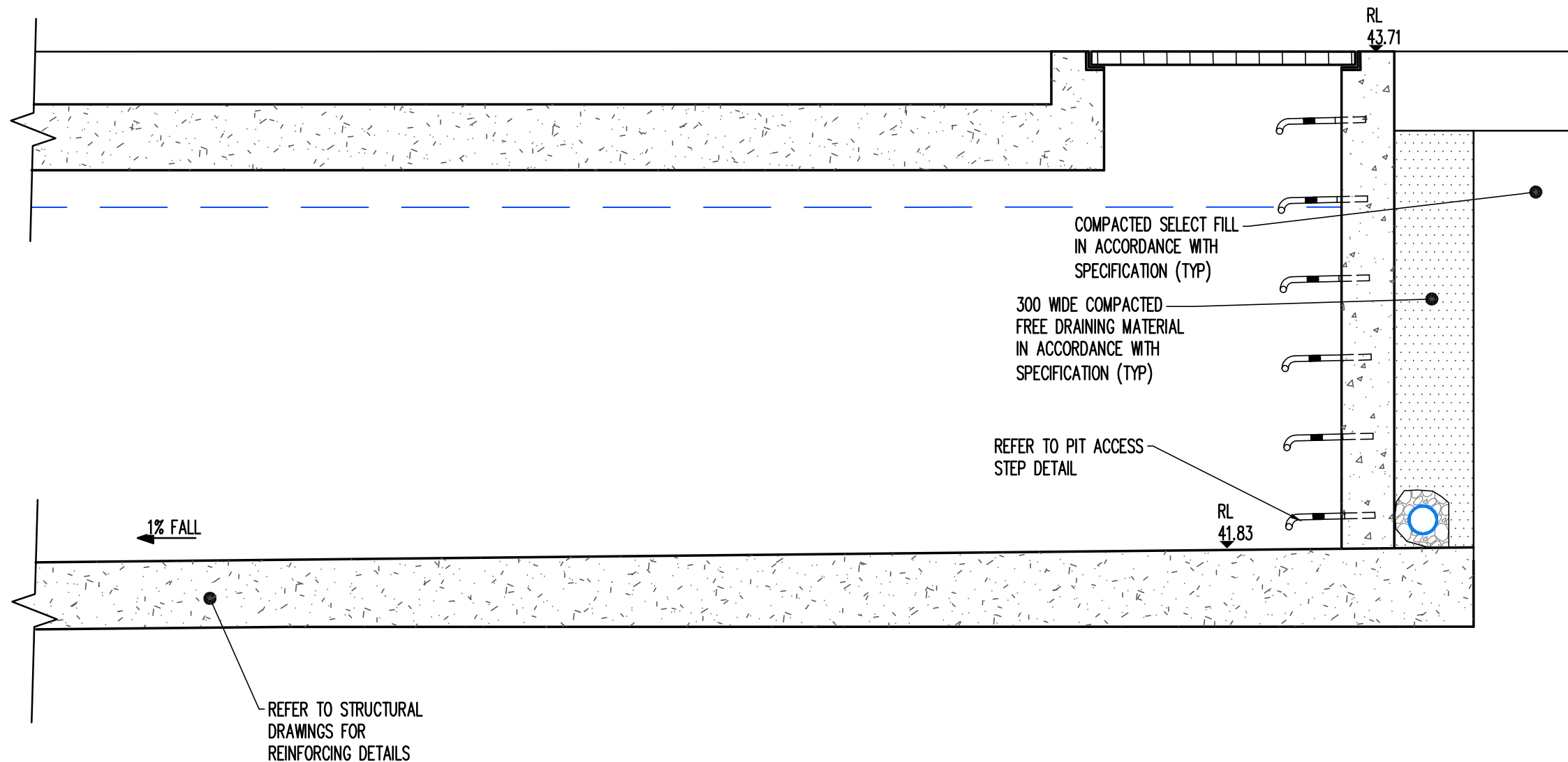
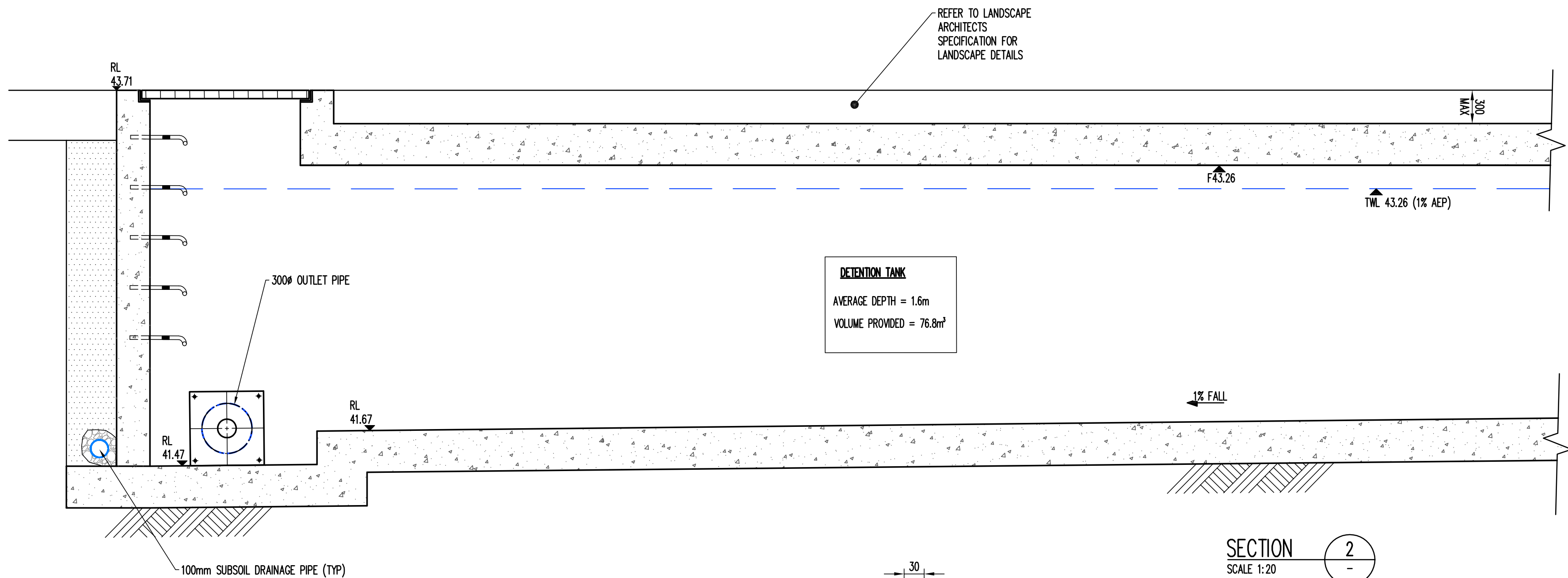
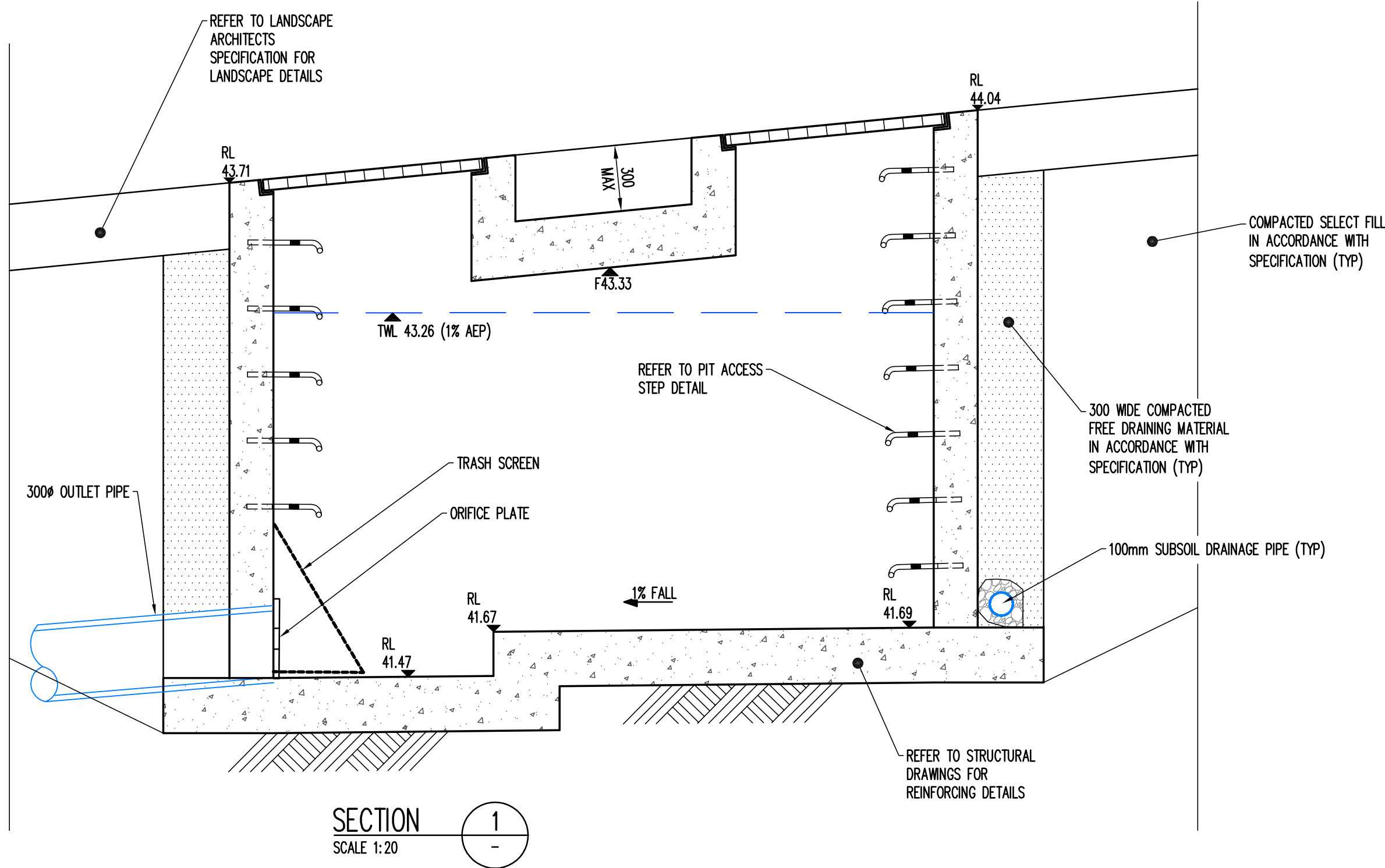
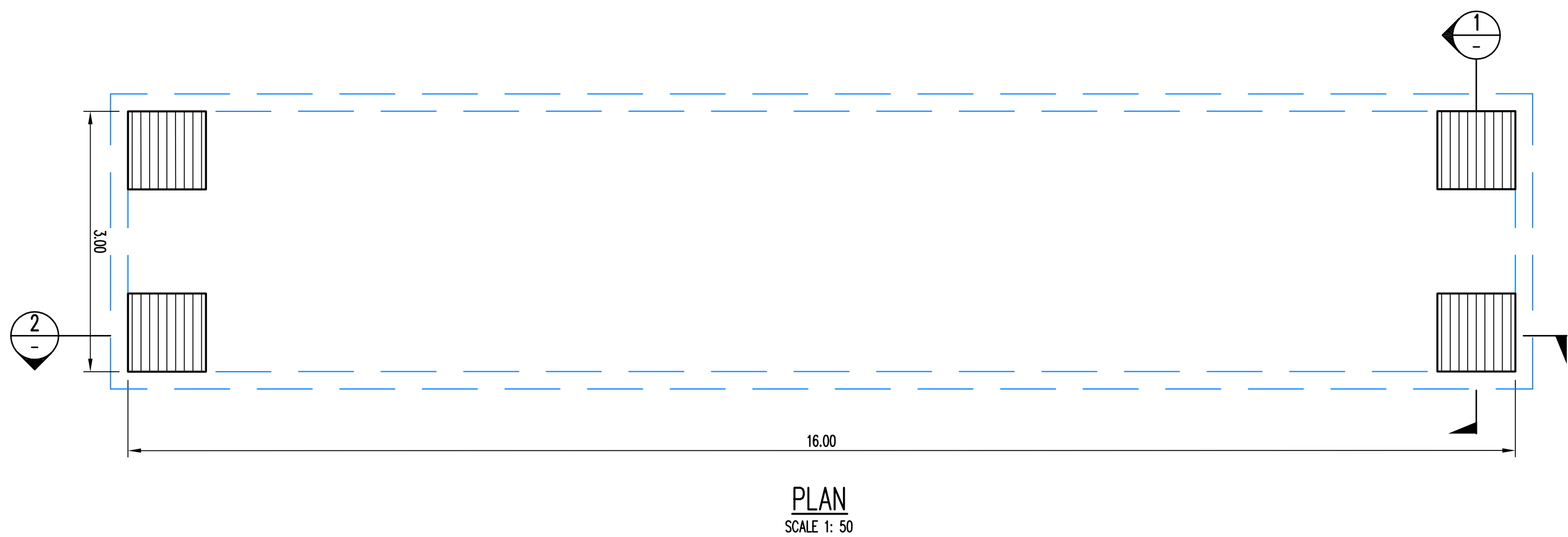
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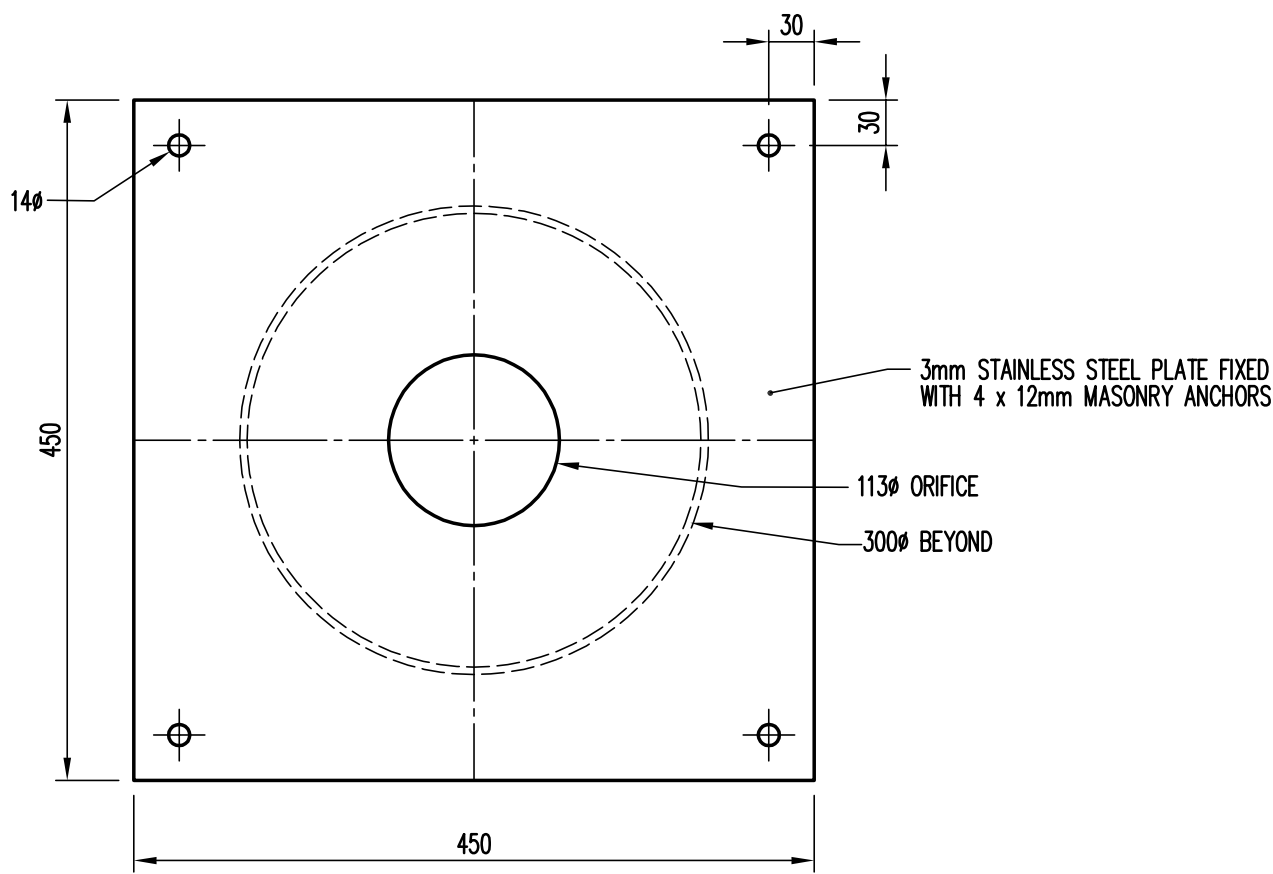
Project
BURONGA HEALTH ONE
SILVER CITY HIGHWAY
BURONGA NSW

Sheet Subject
DETAIL SHEET 2

Scale : A1
AS SHOWN
Job No
191348
Plot File Created: Oct 24, 2019 - 4:42pm
Drawn
JW
Drawing No
C05
Authorised
DD3
Revision

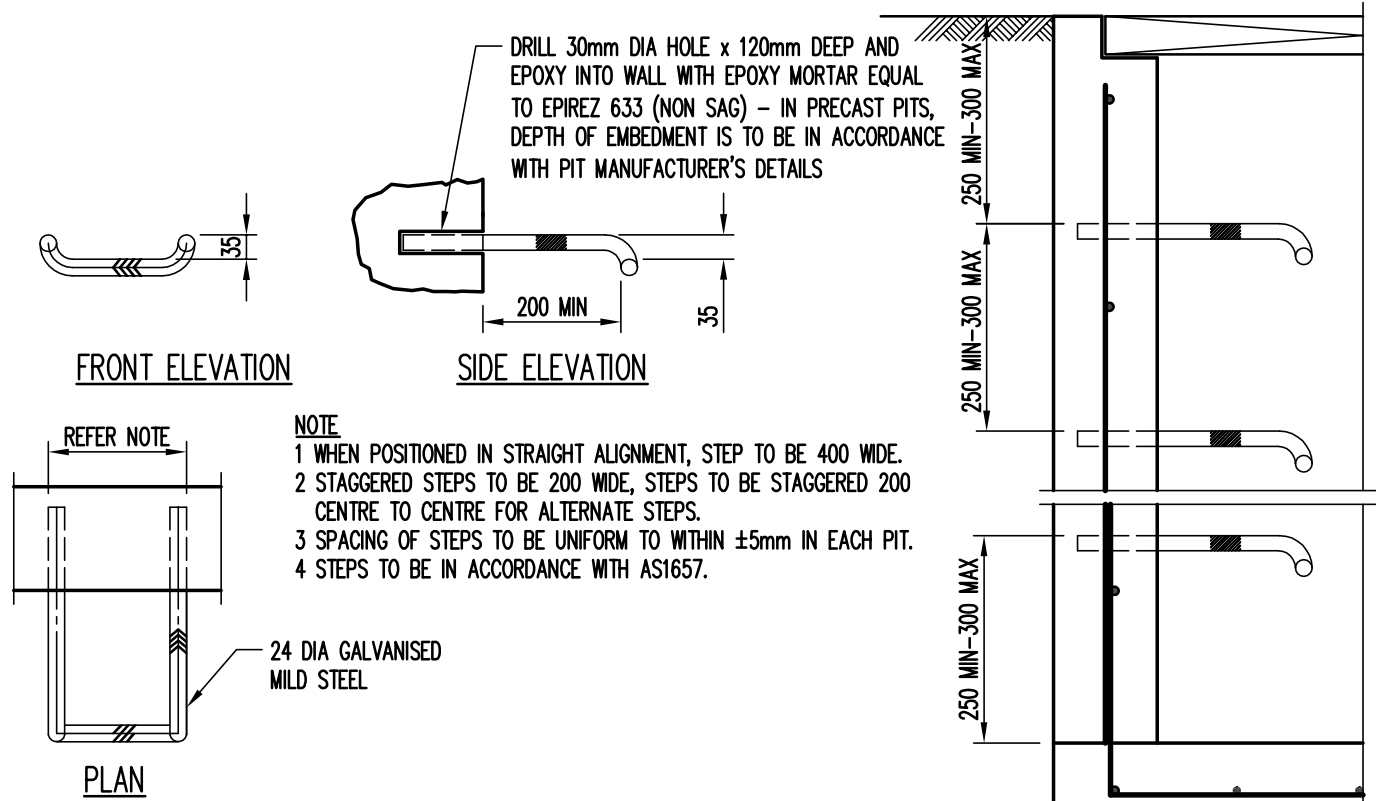


TRASH SCREEN DETAIL
NTS



ORIFICE PLATE DETAIL
SCALE 1: 5

SECTION 2
SCALE 1:20



PIT ACCESS STEP DETAIL
SCALE 1: 10

AEP			
AEP STORM	PRE-DEVELOPMENT FLOW (m³/s)	POST-DEVELOPMENT FLOW (m³/s)	
1%	0.089	0.034+0.017 (BY PASS) =0.051	
5%	0.039	0.025+0.007 (BY PASS) =0.032	

DETAILED DESIGN

Filename: C06.dwg - USER: daniel - Plot File Created: Oct 24, 2019 - 4:43pm

Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date	Rev	Description	Eng	Draft	Date
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DD2	DETAILED DESIGN	AH	JW	18.10.19										
DD1	DETAILED DESIGN	AH	JW	04.10.19										

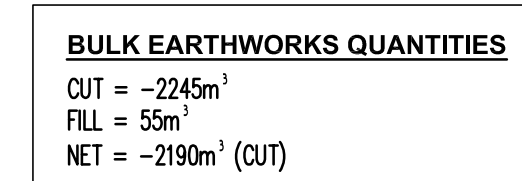
Architect
NBRSARCHITECTURE.
Sydney
612 9922 2344
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Engineer
TTW Structural
Civil
Traffic
Façade
612 9439 7288 | 48 Chandos Street St Leonards NSW 2065

Project
BURONGA HEALTH ONE
SILVER CITY HIGHWAY
BURONGA NSW

Sheet Subject
OSD DETAIL SHEET

Scale : A1
AS SHOWN
Job No
191348
Plot File Created: Oct 24, 2019 - 4:43pm
Drawn
AI
Drawing No
C06
Revision
DD3



- NOTE:**
- CIVIL CARPARK PAVEMENT ASSUMED TO BE SET DOWN 300mm
 - BUILDING SLAB ON GROUND IS ASSUMED TO BE SET DOWN 250mm
 - FOOTPATH PAVEMENT IS ASSUMED TO BE SET DOWN 200mm
 - BULK EARTHWORK QUANTITIES REPRESENT DIFFERENCE BETWEEN EXISTING SURFACE LEVELS AND BULK EARTHWORK LEVELS. NO ADJUSTMENT FACTORS AND TOPSOIL STRIPPING HAVE NOT BEEN INCLUDED
 - BULK EARTHWORKS DOES NOT INCLUDE DETAILED EXCAVATION FOR LIFT PITS, FOOTINGS, SERVICES, ETC.

DETAILED DESIGN

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<div style="display: flex; justify-content: space-between;"> <div> <p>Architect</p> <p>NBRARCHITECTURE.</p> <p>Sydney 61 2 9922 2344</p> <p>nbrsarchitecture.com</p> </div> <div> <p>TTW</p> <p>612 9439 7288 48 Chandos Street St Leonards NSW 2065</p> </div> <div> <p>Structural Civil Traffic Façade</p> </div> <div> <p>BURONGA HEALTH ONE SILVER CITY HIGHWAY BURONGA NSW</p> </div> <div> <p>BULK EARTHWORKS CUT / FILL PLAN</p> </div> <div> <p>Job No 191348</p> <p>Plot File Created: Oct 24, 2019 - 4:44pm</p> </div> <div> <p>Drawing No C07</p> </div> <div> <p>Revision DD1</p> </div> </div>											
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