Site Area Schedule

Total Site Area	**117.117 ha**
Less:	
Non Developable Land	33.67 ha
Easements	4.58 ha
Regional Roads	1.74 ha
Estate Roads	6.22 ha
	46.22 ha

Development Areas

Precinct 1	16.34 ha
Precinct 2	7.46 ha
Precinct 3	18.92 ha
Precinct 4	14.27 ha
Precinct 5	6.46 ha
Precinct 6	6.86 ha
Amenity Lot	0.58 ha
Total Developable	**70.89 ha**
Total Warehouse	319,567 sqm
Total Office	16,498 sqm
Total Facility	336,065 sqm

Warehouse 1A	
Site	25,230sqm
Warehouse	11,595sqm
Office	705sqm
Dock Office	95sqm
Total Area	12,395sqm
Total Carparking	42
Provisional Parking	19

Warehouse 1B	
Site	34,491sqm
Warehouse	17,900sqm
Office	535sqm
Dock Office	100sqm
Drive Thru	1,000sqm
Total Area	19,535sqm
Total Carparking	91

Warehouse 1C	
Site	49,776sqm
Warehouse 1	14,180sqm
Warehouse 2	13,460sqm
Office 1	698sqm
Office 2	698sqm
Dock Office 1	190sqm
Dock Office 2	190sqm
Total Area	29,416sqm
Total Carparking	185

Warehouse 1D	
Site	53,960sqm
Warehouse 1	14,108sqm
Warehouse 2	15,392sqm
Office 1	862sqm
Office 2	707sqm
Dock Office 1	202sqm
Dock Office 2	202sqm
Total Area	31,473sqm
Total Carparking	169

Warehouse 2A	
Site	25,685sqm
Warehouse 2A-1	4,320sqm
Warehouse 2A-2	3,840sqm
Warehouse 2A-3	3,845sqm
Office 2A-1	300sqm
Office 2A-2	300sqm
Office 2A-3	300sqm
Dock Office	N/A
Total Area	12,905sqm
Total Carparking	69

Warehouse 2B	
Site	48,824sqm
Warehouse 2B-1	13,435sqm
Warehouse 2B-2	12,510 sqm
Office 2B-1	750sqm
Office 2B-2	750sqm
Dock Office 2B-1	75sqm
Dock Office 2B-2	75sqm
Total Area	27,595sqm
Total Carparking	214

Warehouse 3A	
Site	70,383sqm
Warehouse	40,090sqm
Office	1,015sqm
Dock Office	175sqm
Total Area	41,280sqm
Total Carparking	200

Warehouse 3B	
Site	64,290sqm
Warehouse	36,100sqm
Office	1,478sqm
Dock Office	176sqm
Fork ReCharge	702sqm
Total Area	38,456sqm
Total Carparking	159
Provisional Parking	32

Warehouse 3C	
Site	23,094sqm
Warehouse	10,324sqm
Office	516sqm
Dock Office	N/A
Total Area	10,840sqm
Total Carparking	62

Warehouse 3D	
Site	31,424sqm
Warehouse	13,451sqm
Office	1500sqm
Dock Office	94sqm
Total Area	15,045sqm
Total Carparking	110

Warehouse 4A	
Site	142,768sqm
Warehouse	33,588sqm
Office	1,761sqm
Dock Office	N/A
Total Area	35,349sqm
Total Carparking	325

Warehouse 5A	
Site	64,613sqm
Warehouse	31,457sqm
Plant Rooms	470sqm
Office 1	1,302sqm
Office 2	317sqm
Dock Office	430sqm
Total Area	33,976sqm
Total Carparking	250

Warehouse 6A	
Site	68,662sqm
(Includes developable, part of landscape drainage setback and APZ setback areas)	
Warehouse	26,720sqm
Workshop	707sqm
Gatehouse	108sqm
Drivers Quarters	265sqm
Dock Office	N/A
Total Area	27,800sqm
Total Carparking	193

SBA ARCHITECTS

Oakdale South Estate **Precinct 2 DA**

Horsley Park

Development Application

Estate Masterplan

1:2500 @ A1
1:5000 @ A3

25 Sept 2020

OAK MP 02 (C)
Project No: 19146

Development Area Schedule	
Site Area	48,824 sqm
Warehouse 2B-1	13,435 sqm
Warehouse 2B-2	12,510 sqm
Office 2B-1 (2 level)	750 sqm
Office 2B-2 (2 level)	750 sqm
Dock Office 2B-1 (1 level)	75 sqm
Dock Office 2B-2 (1 level)	75 sqm
Total Building Area	27,595 sqm
Awning	2,881 sqm
Site Cover (exc. awning)	56 %
Floor Space Ratio	0.56 : 1
Hardstand Area	7,345 sqm
Light Duty Area	6,346 sqm
Carparking (inclusive of 6 disable carparking spaces)	211

LEGEND

- Site Boundary
- Lot Boundary
- Building 7.5m Setback
- Landscape 3.75m Setback
- FNC-1 Chainwire Fencing
- FNC-2 Palisade Fencing
- RW Retaining Wall

Goodman

BRICKWORKS LIMITED

Lot 2A
Proposed Future Industrial Facility

Boundary
FNC-1
Entolasia Close
Chelodina Street
Fire Brigade Truck Parking(18mx6m)
Fire Brigade Access Gate
36m Hardstand
20m Awning Over
Truck Entry / Exit
Gate
Car Entry / Exit
Pump Room
Sprinkler Tank
Fire Brigade Truck Parking 20m x 6m
Dock Office 75sqm
3m Awning Over
RSD
Recessed Docks (3)
On Grade Docks (5)
Office 2B-1 (2 Levels) 750 sqm
Office 2B-2 (2 Levels) 750 sqm
Waste Storage Area - 31.30sqm
Waste Storage Area - 27.8sqm
Covered Walkway Over
FNC-2
3750
7500
RL 65.19 +
RL 65.35 +
RL 65.80 +
RL 65.36 +
RL 66.32 +
RL 66.50 +
RL 66.65 +
RL 66.70 +
RL 67.35 +
RL 66.72 +
RL 66.78 +

Industrial Facility
Warehouse 2B-1
13,435sqm
FFL 67.55 (+/- 500mm)

Industrial Facility
Warehouse 2B-2
12,510sqm
FFL 67.55 (+/- 500mm)

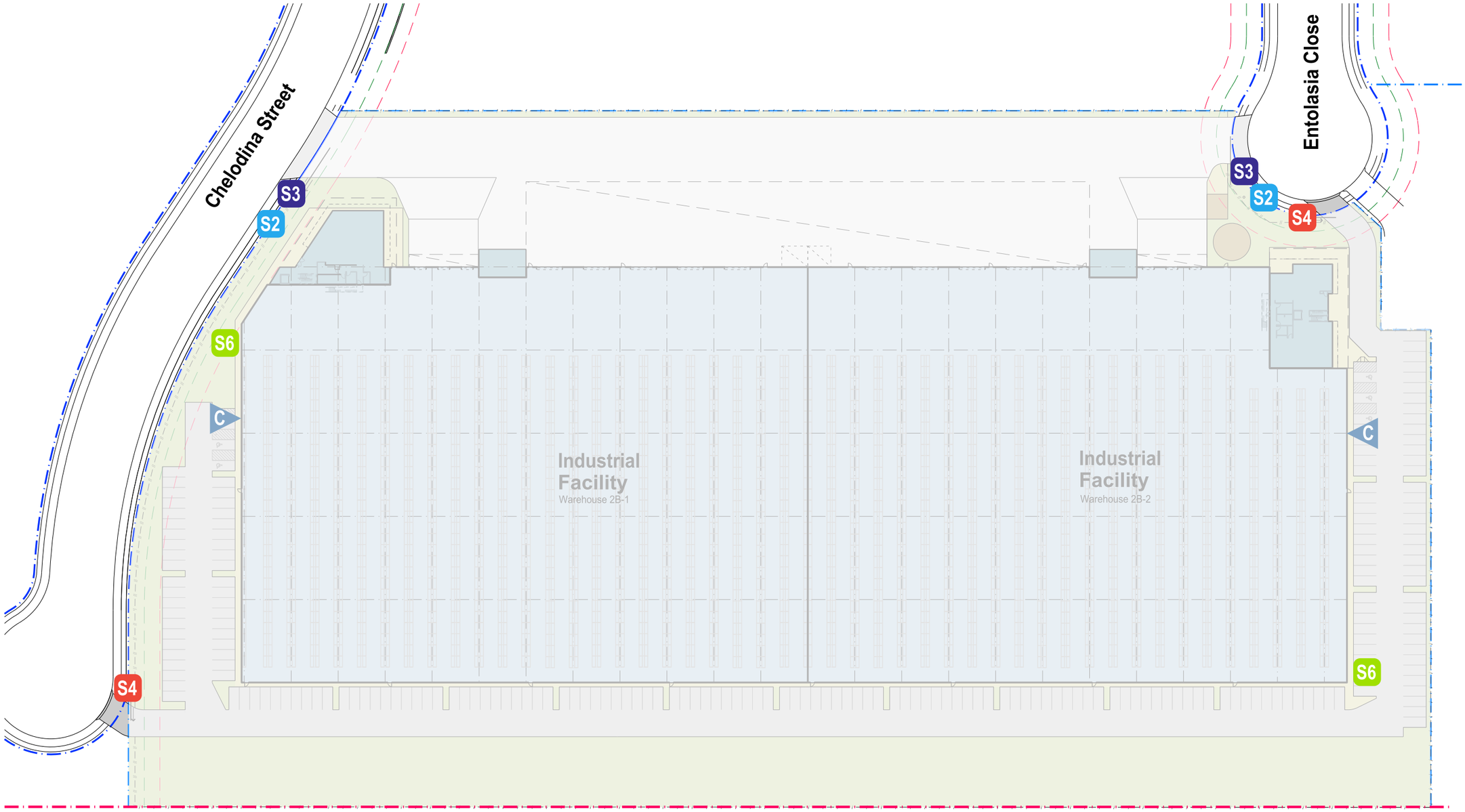
Carparking (44)
Carparking (65)
Carparking (102)
Existing Fence
+RL 66.80
+ RL 67.35

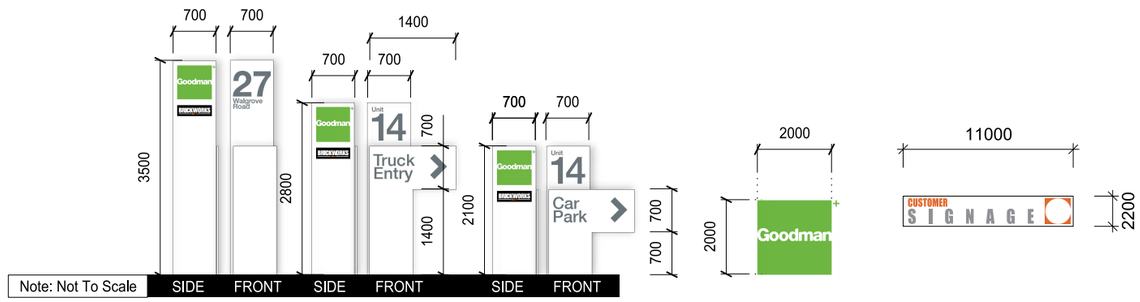
Lot 1D
Existing Industrial Facility

136300
129800
266100 warehouse
36000 hardstand
100100 warehouse
13000
16898
29898

SBA ARCHITECTS

Oakdale South Estate	Proposed Industrial Facility - Building 2B	**Site Plan / Floor Plan**	1:500 @ A1 1:1000 @ A3	OAK DA 210 (E)
Horsley Park	Development Application	0 10 50	25 Sept 2020	Project No: 19146





S2 Illuminated Building Identification

S3 Illuminated Truck Wayfinding Pylon Sign

S4 Illuminated Car Wayfinding Pylon Sign

S6 Illuminated Sign Fixed To Building

C Non Illuminated Tenant Sign Fixed To Building (artwork To Future Details)

Signage Legend

- S2 Identification - Building
- S3 Wayfinding - Truck
- S4 Wayfinding - Car
- S6 Goodman Light Box on Warehouse
- C Tenant Sign. Artwork To Future Detail

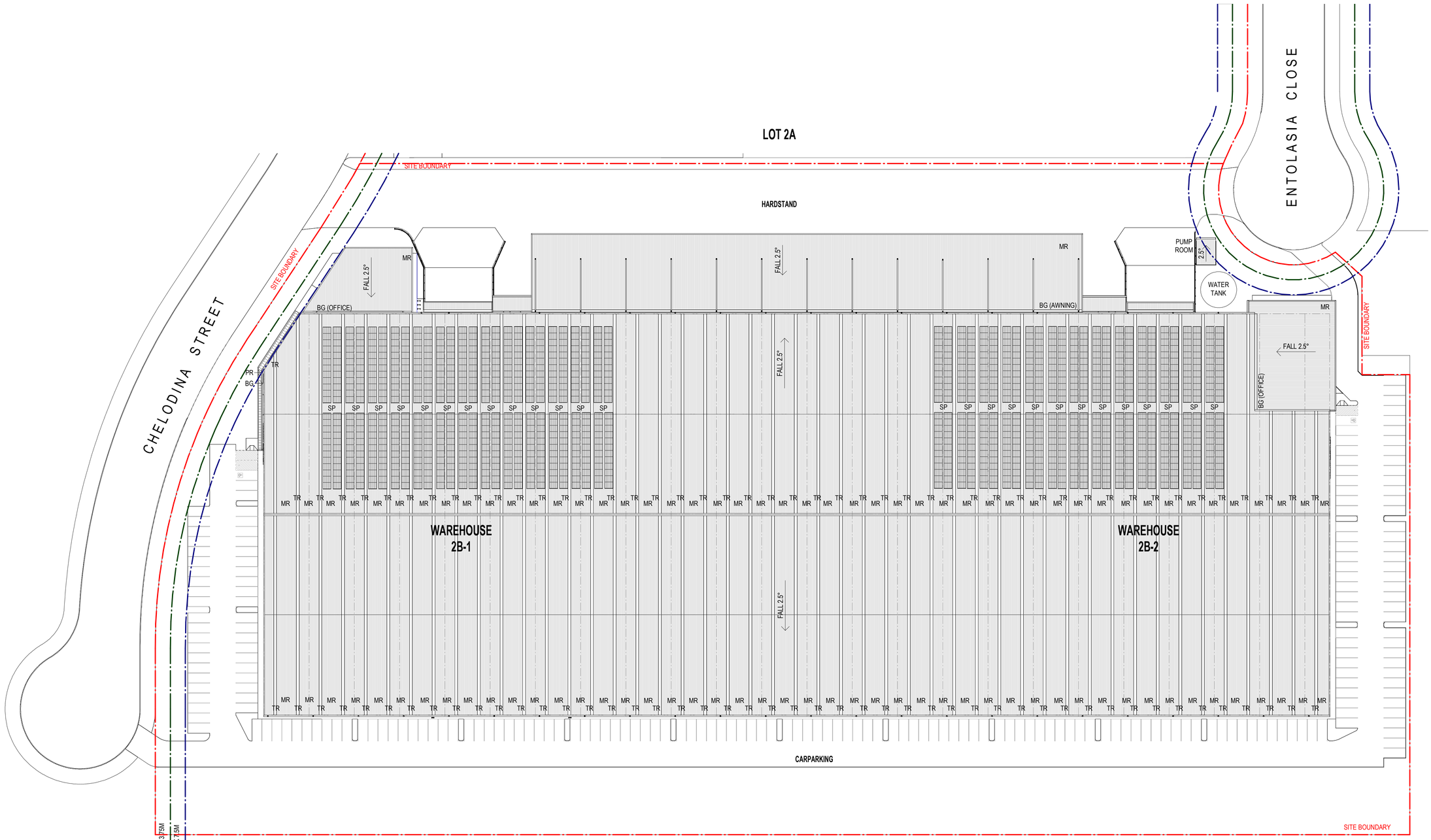
SBA ARCHITECTS

Oakdale South Estate — Proposed Industrial Facility - Building 2B — Signage Plan

Horsley Park — Development Application

1:500 @ A1
1:1000 @ A3
28 Sept 2020

OAK DA 215 (D)
Project No: 19146



1 ROOF PLAN - WAREHOUSE 2B 1 : 500

LEGEND

BG	BOX GUTTER
EG	EAVES GUTTER
MR	METAL ROOF SHEETING
TR	TRANSLUCENT SHEETING
SP	SOLAR PANELS
PR	POLYCARBONATE ROOFING SYSTEM OR EQUAL DANPAL

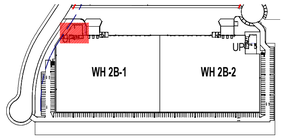
SBA ARCHITECTS

Oakdale West Estate — PROPOSED INDUSTRIAL FACILITY - BUILDING 2B — **ROOF PLAN - WAREHOUSE 2B**

Horsley Park

1:500 @A1
1:1000@A3
29 Sept 2020

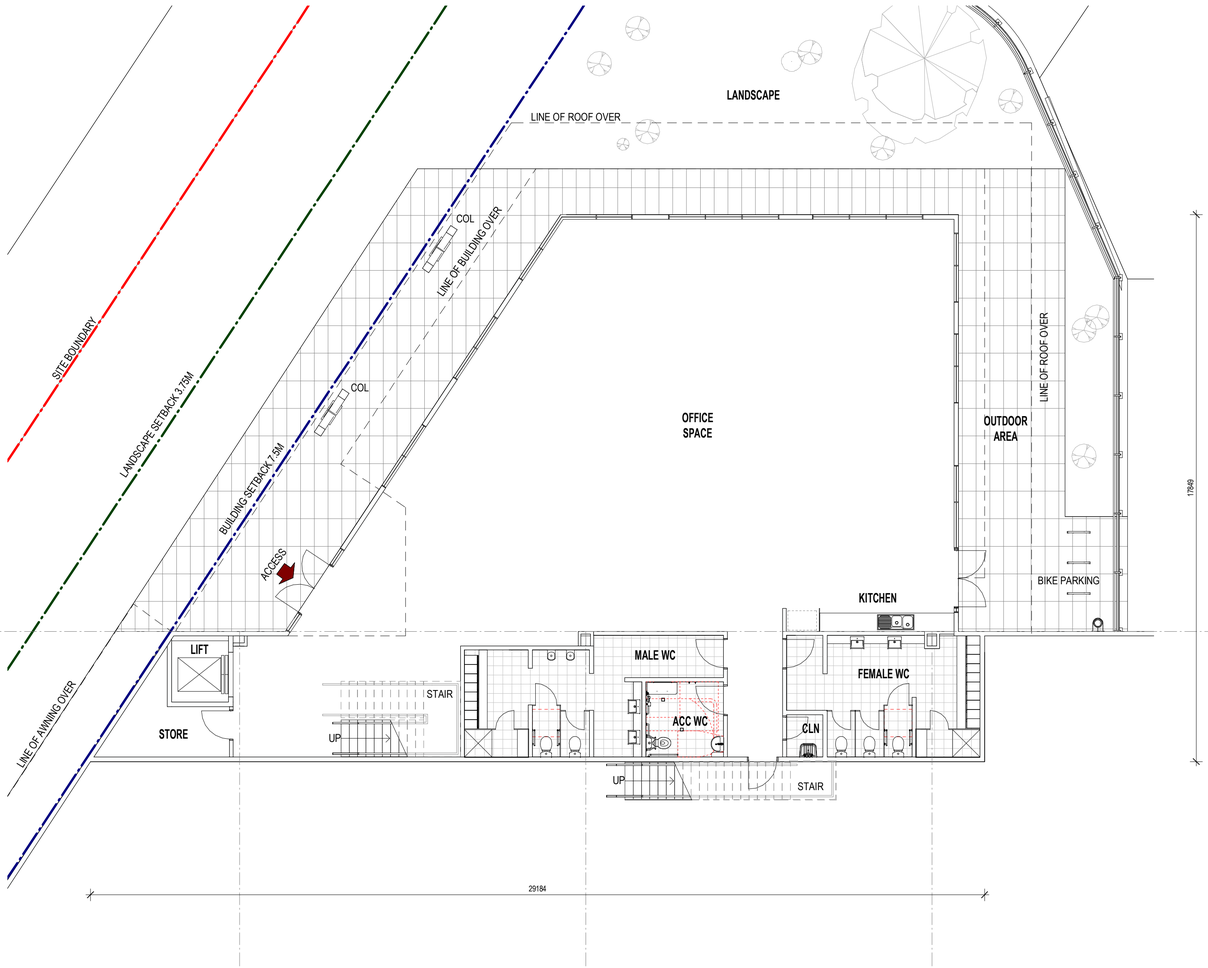
OAK 2A DA311 (D)
Job No 19146



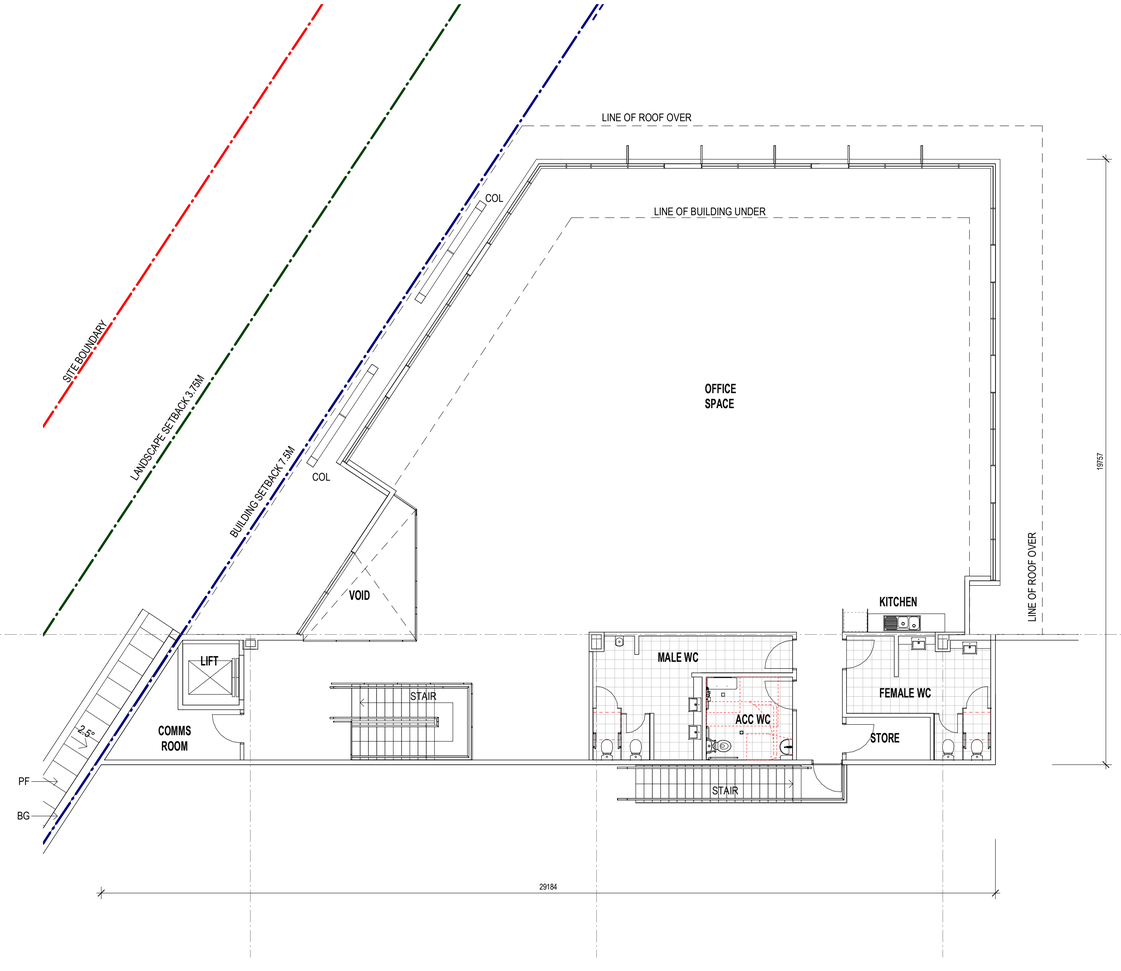
KEY PLAN

Goodman

BRICKWORKS LIMITED



1 FLOOR PLAN - GROUND FLOOR OFFICE 2B-1 1 : 100



2 FLOOR PLAN - LEVEL 01 OFFICE 2B-1 1 : 100

AREA SCHEDULE	
OFFICE GROUND FLOOR	356 SQM
OFFICE LEVEL 01	394 SQM
TOTAL AREA	**750 SQM**

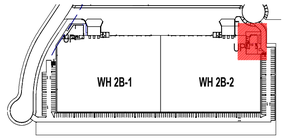
SBA ARCHITECTS

Oakdale West Estate — PROPOSED INDUSTRIAL FACILITY - BUILDING 2B — **FLOOR PLAN - OFFICE 2B-1**

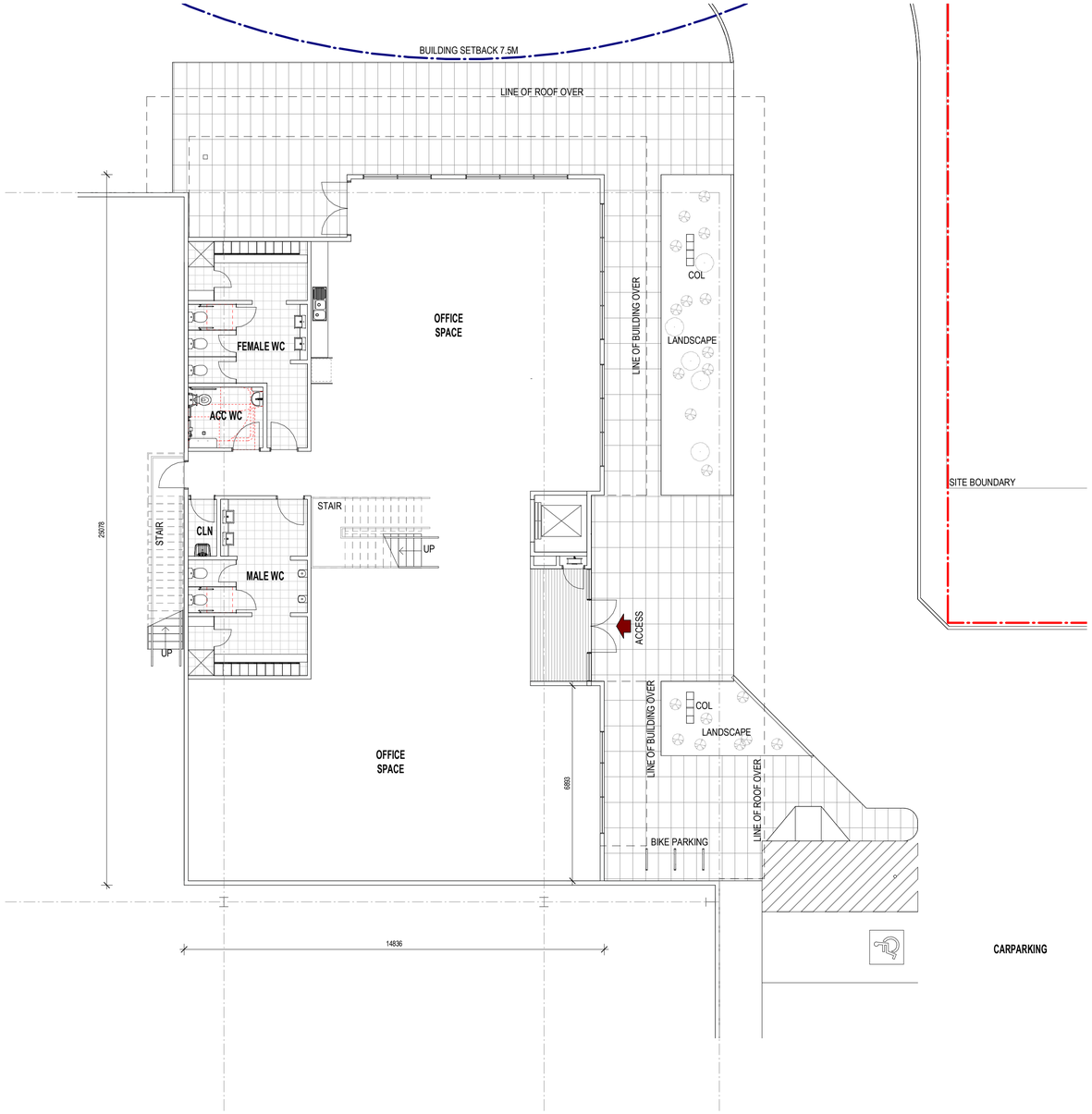
Horsley Park

1:100@ A1
1:200@ A3
24 Sept 2020

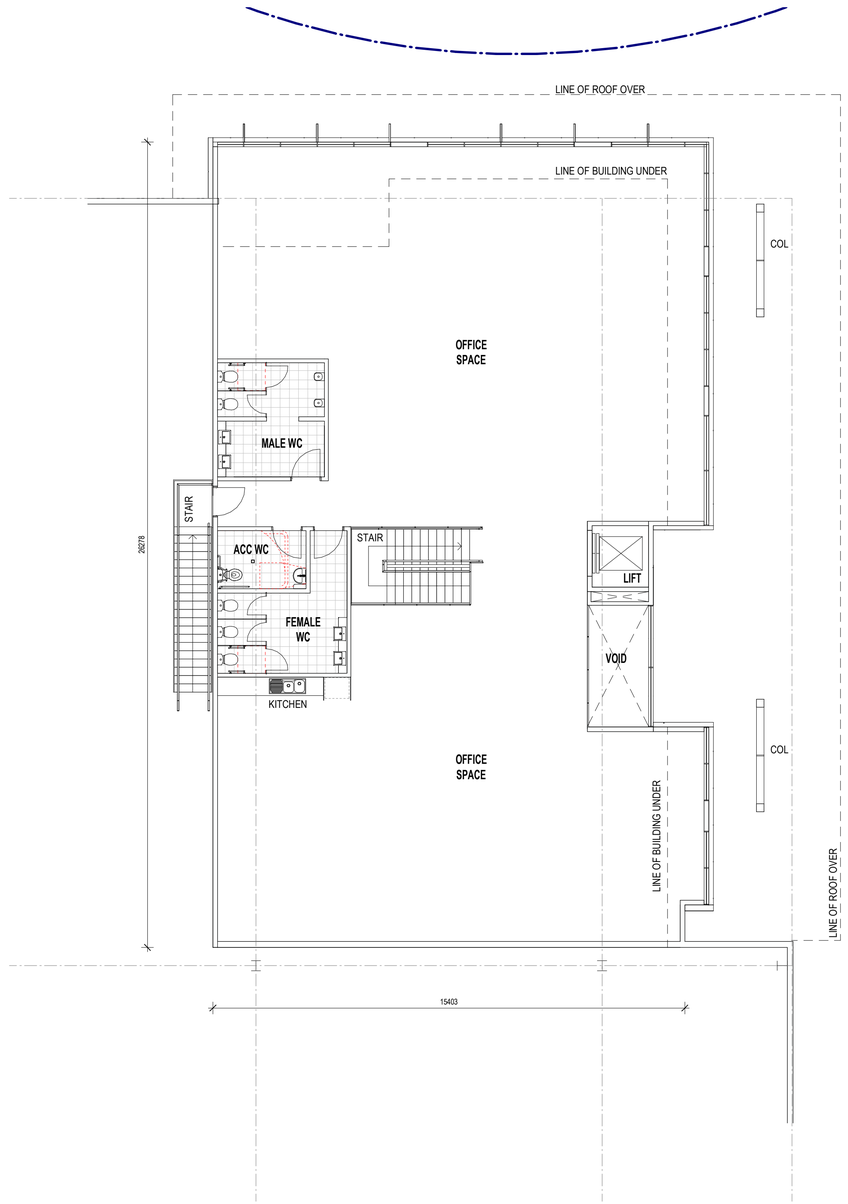
OAK 2A DA312 (D)
Job No 19146



KEY PLAN



1 FLOOR PLAN - GROUND FLOOR OFFICE 2B-2 1 : 100



2 FLOOR PLAN - LEVEL 01 OFFICE 2B-2 1 : 100

AREA SCHEDULE	
OFFICE GROUND FLOOR	356 SQM
OFFICE LEVEL 01	394 SQM
TOTAL AREA	**750 SQM**

SBA ARCHITECTS

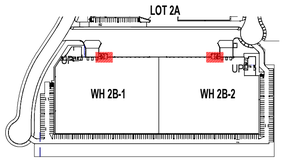
Oakdale West Estate
Horsley Park

PROPOSED INDUSTRIAL FACILITY - BUILDING 2B

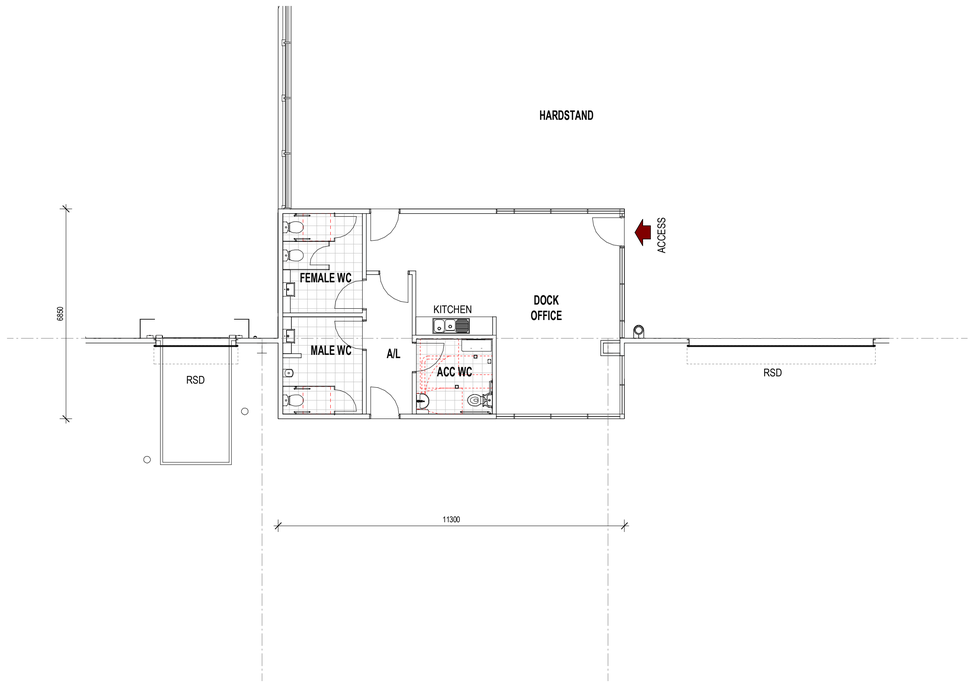
FLOOR PLAN - OFFICE 2B-2

1:100@ A1
1:200@ A3
28 Sept 2020

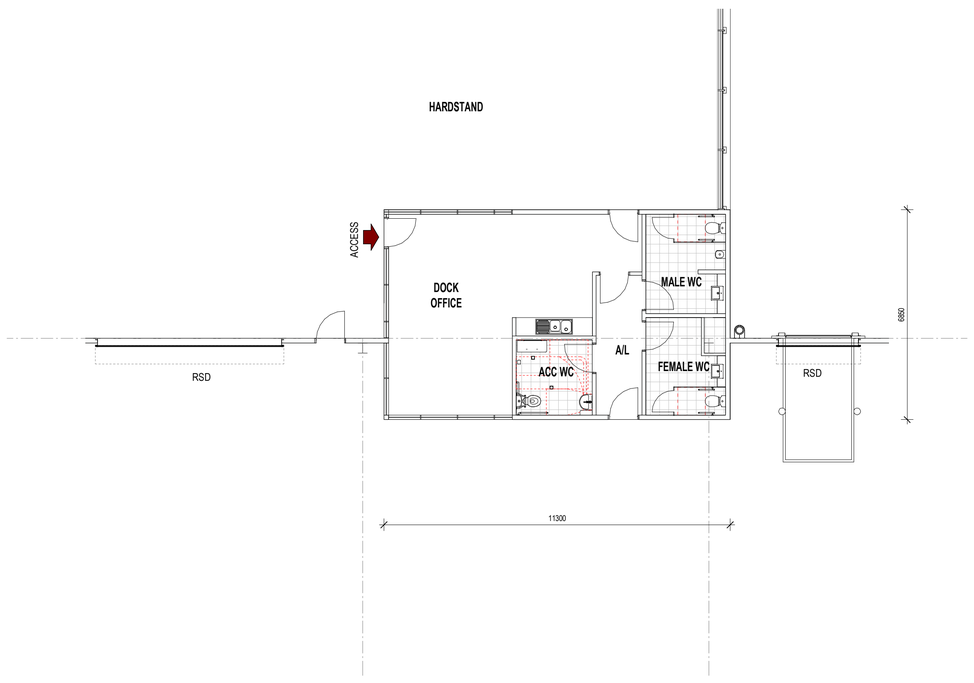
OAK 2A DA313 (E)
Job No 19146



KEY PLAN



1 FLOOR PLAN - GROUND FLOOR DOCK OFFICE 2B-1 1 : 100



2 FLOOR PLAN - GROUND FLOOR DOCK OFFICE 2B-2 1 : 100

AREA SCHEDULE	
DOCK OFFICE 2B-1	75 SQM
DOCK OFFICE 2B-2	75 SQM
TOTAL AREA	**150 SQM**

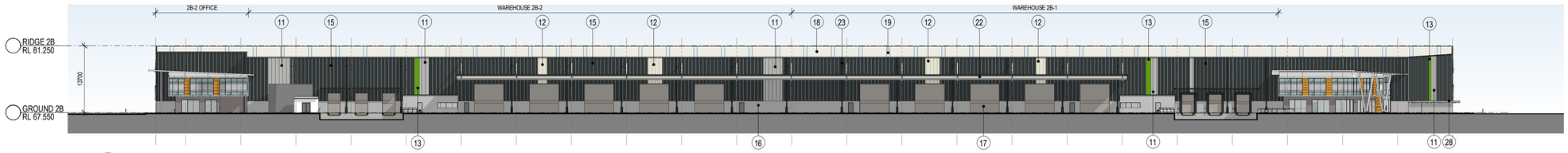
SBA ARCHITECTS

Oakdale West Estate — PROPOSED INDUSTRIAL FACILITY - BUILDING 2B — **FLOOR PLAN - DOCK OFFICE 2B-1 &2B-2**

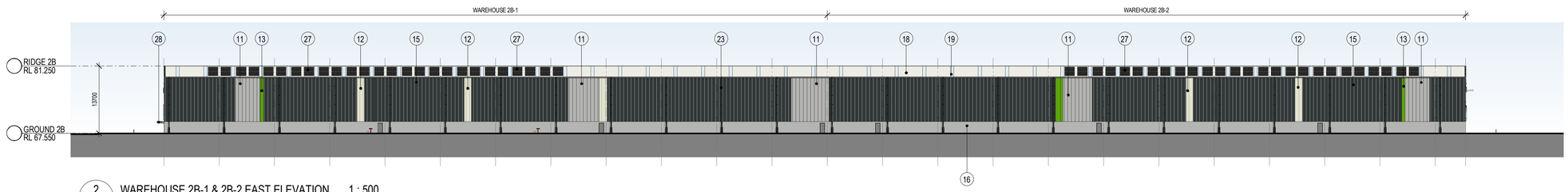
Horsley Park

1:100@ A1
1:200@ A3
11 Sept 2020

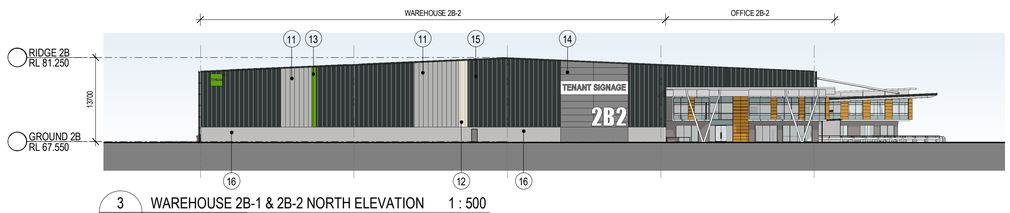
OAK 2A DA314 (B)
Job No 19146



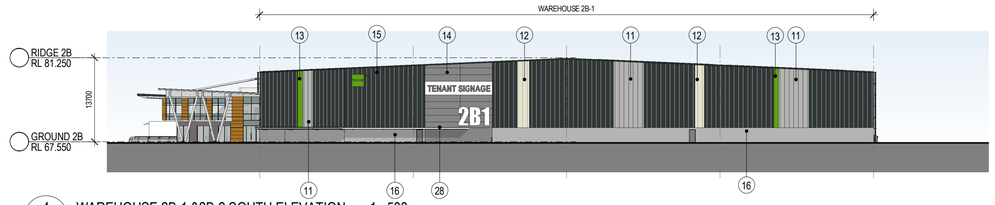
1 WAREHOUSE 2B-1 &2B-2 WEST ELEVATION 1 : 500



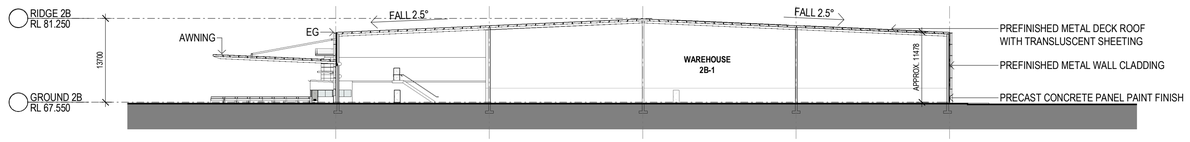
2 WAREHOUSE 2B-1 & 2B-2 EAST ELEVATION 1 : 500



3 WAREHOUSE 2B-1 & 2B-2 NORTH ELEVATION 1 : 500



4 WAREHOUSE 2B-1 &2B-2 SOUTH ELEVATION 1 : 500



5 SECTION - WAREHOUSE 2B 1 : 500

INDICATIVE EXTERNAL FINISHES LEGEND

MATERIAL	FINISH/ PROFILE	COLOUR	MATERIAL	FINISH/ PROFILE	COLOUR	MATERIAL	FINISH/ PROFILE	COLOUR	MATERIAL	FINISH/ PROFILE	COLOUR
01.BRICKS	AUSTRAL BRICKS "LA PALOMA" RANGE	GAUDI	08.PROFILED GLAZING REVEALS - CLADDING	MONDOCLAD SOLID ALUMINIUM CLADDING	WHITE	15.PROFILED METAL WALL CLADDING	COLORBOND	MONUMENT	22.AWNNG STEEL STRUCTURE		GALVANISED
02.PRE- FINISHED FC	VITRAPANEL	DARK NIGHT	09.EXTERNAL PAVER	SURFACE GALLERY 1200X600	BASLE GREY TEXTURED	16.PRECAST CONCRETE DADO PANELS	PAINT	SHALE GREY	23.GUTTER & DOWNPIPES		MONUMENT
03.PRE- FINISHED " TIMBER LOOK" CLADDING	ALIWOOD	SNOWGUM	10.PROFILED METAL WALL CLADDING	COLORBOND	WINDSPRAY	17.METAL ROLLER SHUTTER DOORS	GALVANISED & PAINTED	SHALE GREY	24.ENTRY WALL	ALIWOOD SOLID ALUMINIUM CLADDING	SNOWGUM (MATT)
04.V COLUMNS	PAINT	LIGHT GREY	11.PROFILED METAL WALL CLADDING	COLORBOND	SHALE GREY	18.PROFILED METAL ROOF SHEETING	COLORBOND KLIPLOK COOLMAX STEEL	WHITE HEAVEN	25.OFFICE ROOF SOLFIT LINING- PREFINISHED	VITRAPANEL	TYLDESLEY (WHITE)
05.TIMBER BATTENS	MODWOOD	SAHARA	12.PROFILED METAL WALL CLADDING	COLORBOND	SURFMIST	19.TRANSLUCENT ROOF SHEETING	WONDERGLASS GC	OPAL	26.GLAZZING - BLACKOUT GLASS	COLOUR BACK GLAZNG	TO MATCH DURATEC ZEUS DARK GREY MATTE
06.ALUMINIUM FRAMED GLAZING SYSTEM	POWDERCOAT	DURATEC ZEUS DARK GREY MATTE	13.PROFILED METAL WALL CLADDING	COLORBOND	GOODMAN GREEN	20.VERTICAL METAL SUNSCREENS	ALIWOOD SOLID ALUMINIUM CLADDING	SNOWGUM	27.SOLAR PANELS		
07.GLAZING - VIOSION PANELS	BLUE TINT - TBC SECTION J	TINTED GLASS	14.PROFILED METAL WALL CLADDING	KINGSPAN MICRORIB	DARK ANTHRACITE METALLIC	21.PFC SURROUND TO ROLLER SHUTTER DOOR	PAINT	SHALE GREY	28.COVERED WALKWAY	STEEL STRUCTURE	PAINTED FINISH

REFER TO OFFICE ELEVATIONS FOR OFFICE FINIHES

SBA ARCHITECTS

Oakdale West Estate
Horsley Park

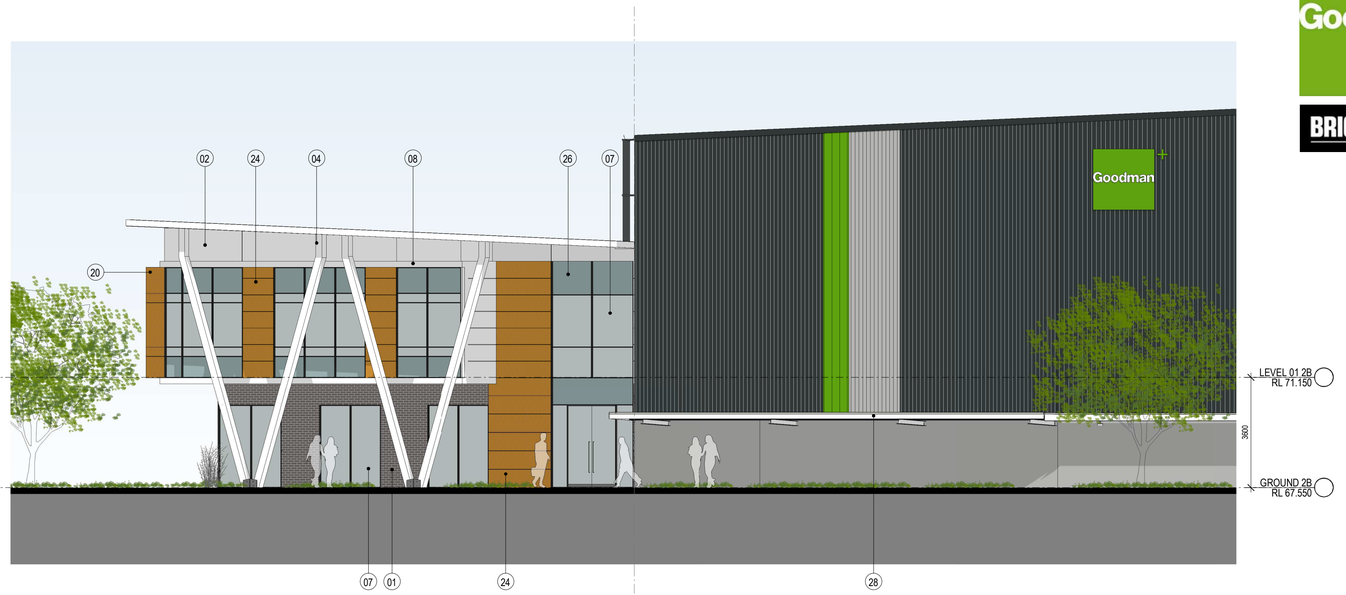
PROPOSED INDUSTRIAL FACILITY - BUILDING 2B

ELEVATIONS & SECTION - WAREHOUSE 2B-1 & 2B-2

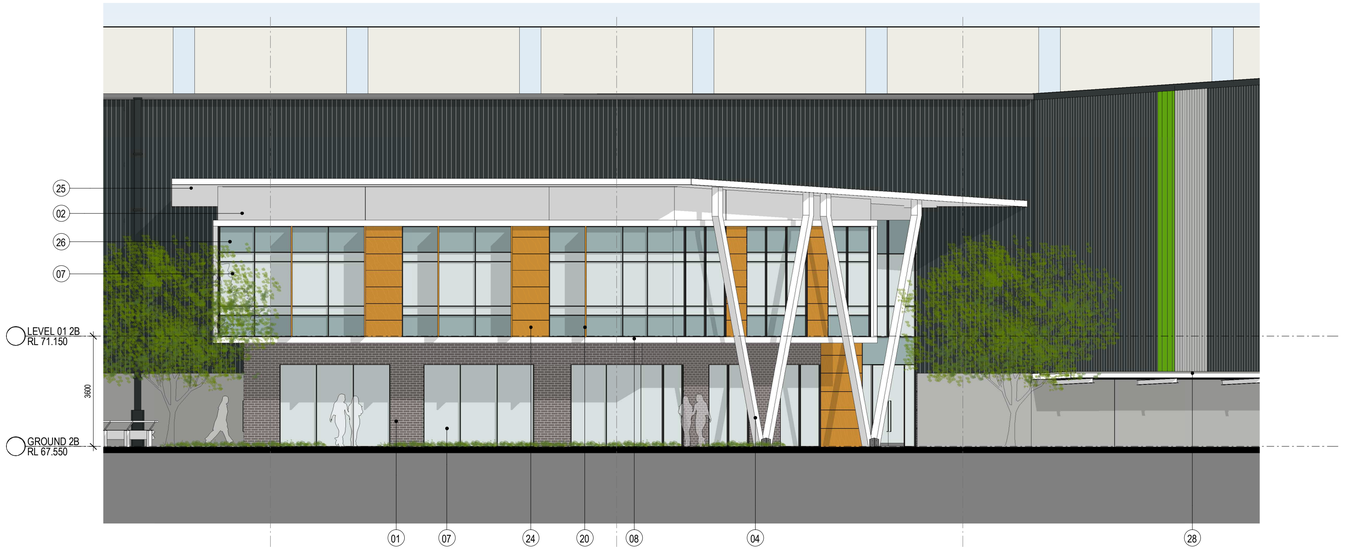
1:500 @ A1
1:1000 @ A3
11 Sept 2020

OAK 2A DA315 (B)
Job No 19146

1 OFFICE 2B-1 ELEVATION NORTH 1 : 100



2 OFFICE 2B-1 ELEVATION SOUTH 1 : 100



3 OFFICE 2B-1 ELEVATION WEST 1 : 100

INDICATIVE EXTERNAL FINISHES LEGEND

MATERIAL	FINISH/ PROFILE	COLOUR
01.BRICKS	AUSTRAL BRICKS "LA PALOMA" RANGE	GAUDI
02.PRE- FINISHED FC	VITRAPANEL	DARK NIGHT
03.PRE- FINISHED " TIMBER LOOK" CLADDING	ALIWOOD	SNOWGUM
04.V COLUMNS	PAINT	LIGHT GREY
05.TIMBER BATTENS	MODWOOD	SAHARA
06.ALUMINIUM FRAMED GLAZING SYSTEM	POWDERCOAT	DURATEC ZEUS DARK GREY MATTE
07.GLAZING - VIOSION PANELS	BLUE TINT - TBC SECTION J	TINTED GLASS

MATERIAL	FINISH/ PROFILE	COLOUR
08.PROFILED GLAZING REVEALS - CLADDING	MONDOCLAD SOLID ALUMINIUM CLADDING	WHITE
09.EXTERNAL PAVER	SURFACE GALLERY 1200X600	BASLE GREY TEXTURED
10.PROFILED METAL WALL CLADDING	COLORBOND	WINDSPRAY
11.PROFILED METAL WALL CLADDING	COLORBOND	SHALE GREY
12.PROFILED METAL WALL CLADDING	COLORBOND	SURFMIST
13.PROFILED METAL WALL CLADDING	COLORBOND	GOODMAN GREEN
14.PROFILED METAL WALL CLADDING	KINGSPAN MICRORIB	DARK ANTHRACITE METALLIC

MATERIAL	FINISH/ PROFILE	COLOUR
15.PROFILED METAL WALL CLADDING	COLORBOND	MONUMENT
16.PRECAST CONCRETE DADO PANELS	PAINT	SHALE GREY
17.METAL ROLLER SHUTTER DOORS	GALVANISED & PAINTED	SHALE GREY
18.PROFILED METAL ROOF SHEETING	COLORBOND KLIPLOK COOLMAX STEEL	WHITE HEAVEN
19.TRANSLUCENT ROOF SHEETING	WONDERGLASS GC	OPAL
20.VERTICAL METAL SUNSCREENS	ALIWOOD SOLID ALUMINIUM CLADDING	SNOWGUM
21.PFC SURROUND TO ROLLER SHUTTER DOOR	PAINT	SHALE GREY

MATERIAL	FINISH/ PROFILE	COLOUR
22.AWNNG STEEL STRUCTURE		GALVANISED
23.GUTTER & DOWNPIPES		MONUMENT
24.ENTRY WALL	ALIWOOD SOLID ALUMINIUM CLADDING	SNOWGUM (MATT)
25.OFFICE ROOF SOLFIT LINING- PREFINISHED	VITRAPANEL	TYLDESLEY (WHITE)
26.GLAZZING - BLACKOUT GLASS	COLOUR BACK GLAZING	TO MATCH DURATEC ZEUS DARK GREY MATTE
27.SOLAR PANELS		
28.COVERED WALKWAY	STEEL STRUCTURE	PAINTED FINISH

SBA ARCHITECTS

Oakdale West Estate
Horsley Park

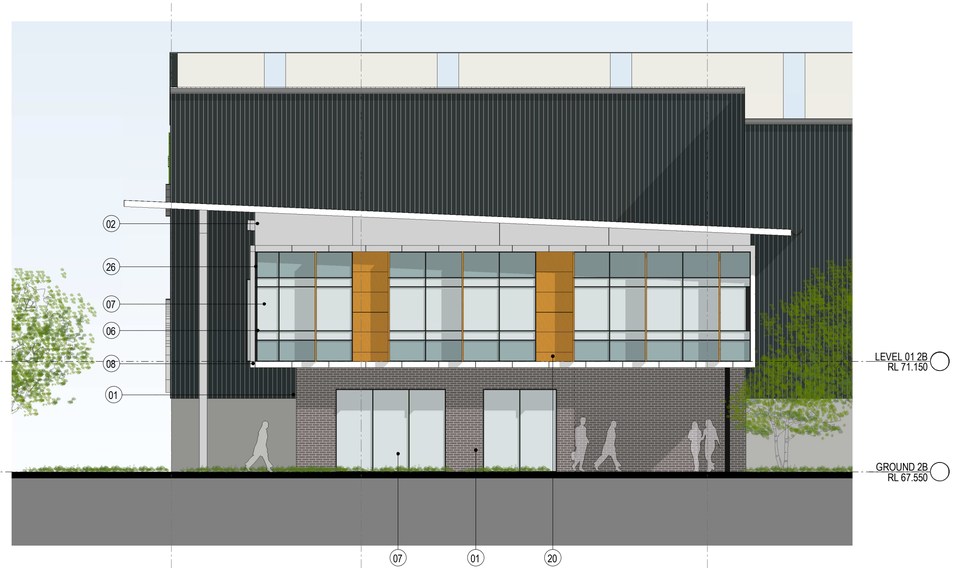
PROPOSED INDUSTRIAL FACILITY - BUILDING 2B

ELEVATIONS - OFFICE 2B-1

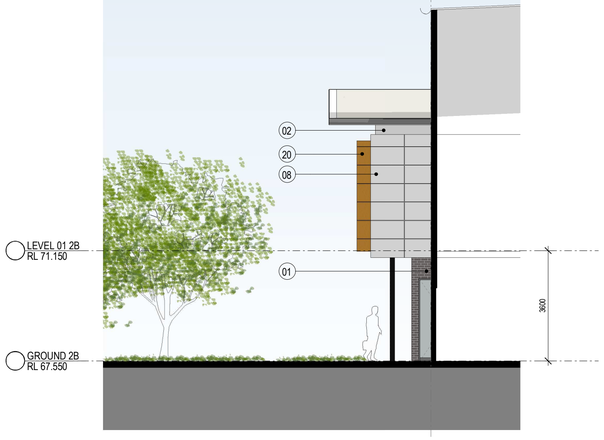
1:100@A1
1:200@A3
11 Sept 2020

OAK 2A DA316 (B)
Job No 19146

1 OFFICE 2B-2 ELEVATION NORTH 1 : 100



2 OFFICE 2B-2 ELEVATION WEST 1 : 100



3 OFFICE 2B-2 ELEVATION SOUTH 1 : 100

INDICATIVE EXTERNAL FINISHES LEGEND

MATERIAL	FINISH/ PROFILE	COLOUR
01.BRICKS	AUSTRAL BRICKS "LA PALOMA" RANGE	GAUDI
02.PRE- FINISHED FC	VITRAPANEL	DARK NIGHT
03.PRE- FINISHED " TIMBER LOOK" CLADDING	ALIWOOD	SNOWGUM
04.V COLUMNS	PAINT	LIGHT GREY
05.TIMBER BATTENS	MODWOOD	SAHARA
06.ALUMINIUM FRAMED GLAZING SYSTEM	POWDERCOAT	DURATEC ZEUS DARK GREY MATTE
07.GLAZING - VIOSION PANELS	BLUE TINT - TBC SECTION J	TINTED GLASS

MATERIAL	FINISH/ PROFILE	COLOUR
08.PROFILED GLAZING REVEALS - CLADDING	MONDOCLAD SOLID ALUMINIUM CLADDING	WHITE
09.EXTERNAL PAVER	SURFACE GALLERY 1200X600	BASLE GREY TEXTURED
10.PROFILED METAL WALL CLADDING	COLORBOND	WINDSPRAY
11.PROFILED METAL WALL CLADDING	COLORBOND	SHALE GREY
12.PROFILED METAL WALL CLADDING	COLORBOND	SURFMIST
13.PROFILED METAL WALL CLADDING	COLORBOND	GOODMAN GREEN
14.PROFILED METAL WALL CLADDING	KINGSPAN MICRORIB	DARK ANTHRACITE METALLIC

MATERIAL	FINISH/ PROFILE	COLOUR
15.PROFILED METAL WALL CLADDING	COLORBOND	MONUMENT
16.PRECAST CONCRETE DADO PANELS	PAINT	SHALE GREY
17.METAL ROLLER SHUTTER DOORS	GALVANISED & PAINTED	SHALE GREY
18.PROFILED METAL ROOF SHEETING	COLORBOND KLIPLOK COOLMAX STEEL	WHITE HEAVEN
19.TRANSLUCENT ROOF SHEETING	WONDERGLASS GC	OPAL
20.VERTICAL METAL SUNSCREENS	ALIWOOD SOLID ALUMINIUM CLADDING	SNOWGUM
21.PFC SURROUND TO ROLLER SHUTTER DOOR	PAINT	SHALE GREY

MATERIAL	FINISH/ PROFILE	COLOUR
22.AWNING STEEL STRUCTURE		GALVANISED
23.GUTTER & DOWNPIPES		MONUMENT
24.ENTRY WALL	ALIWOOD SOLID ALUMINIUM CLADDING	SNOWGUM (MATT)
25.OFFICE ROOF SOLFIT LINING- PREFINISHED	VITRAPANEL	TYLDESLEY (WHITE)
26.GLAZZING - BLACKOUT GLASS	COLOUR BACK GLAZING	TO MATCH DURATEC ZEUS DARK GREY MATTE
27.SOLAR PANELS		
28.COVERED WALKWAY	STEEL STRUCTURE	PAINTED FINISH

SBA ARCHITECTS

Oakdale West Estate
Horsley Park

PROPOSED INDUSTRIAL FACILITY - BUILDING 2B

ELEVATIONS - OFFICE 2B-2

1:100@A1
1:200@A3
11 Sept 2020

OAK 2A DA317 (B)
Job No 19146

OAKDALE SOUTH ESTATE

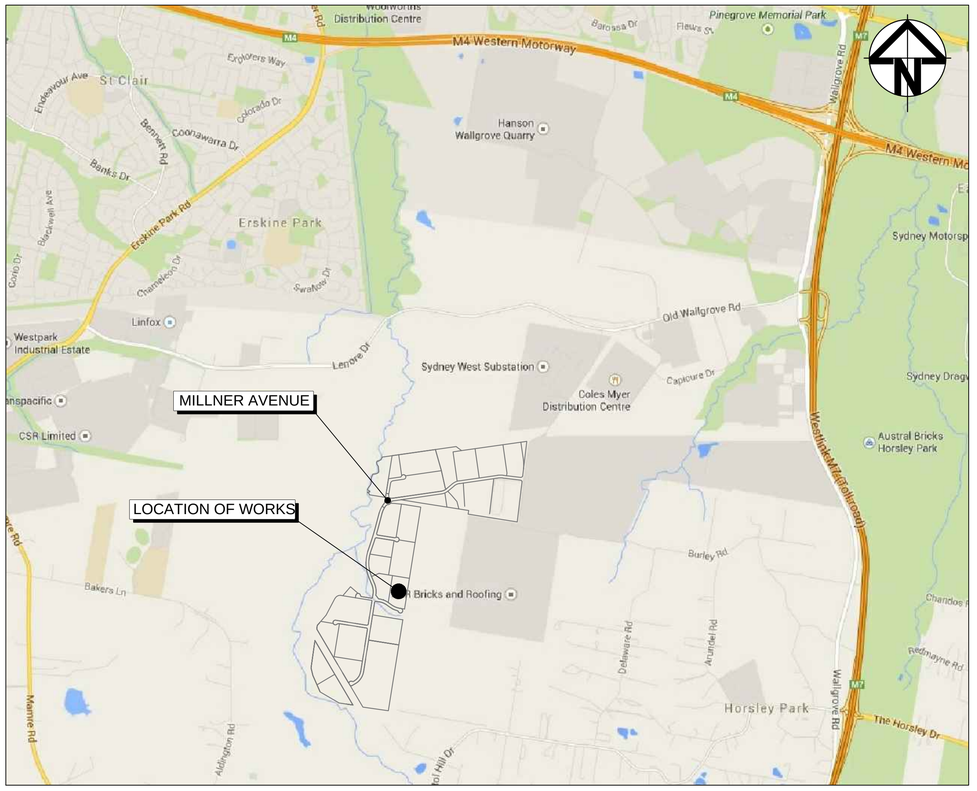
LOT 2B

CIVIL WORKS PACKAGE

DEVELOPMENT APPLICATION

DRAWING LIST

DWG NO.	DRAWING TITLE
20-781-C200	COVER SHEET AND LOCALITY PLAN
20-781-C201	GENERAL NOTES
20-781-C205	GENERAL ARRANGEMENT PLAN
20-781-C206	TYPICAL SECTIONS
20-781-C210	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 1
20-781-C211	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 2
20-781-C212	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 3
20-781-C213	SITEWORKS AND STORMWATER DRAINAGE PLAN SHEET 4
20-781-C220	SITEWORKS DETAILS
20-781-C225	STORMWATER DRAINAGE DETAILS
20-781-C230	BULK EARTHWORKS CUT/FILL PLAN
20-781-C235	PAVEMENT PLAN
20-781-C240	EROSION AND SEDIMENT CONTROL PLAN
20-781-C245	EROSION AND SEDIMENT CONTROL DETAILS



LOCALITY PLAN
NTS

Bar Scales

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

File Name: 20-781-C200.dwg

		Drawn	TK
		Designed	FX
Height Datum	AHD	Checked	AT
Grid	MGA	Approved	AT

Client: Goodman

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Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

Title
COVER SHEET AND LOCALITY PLAN

Drawing No. 20-781-C200
Issue A

KERBING NOTES

1. ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF MPa 25 U.N.O IN REINFORCED CONCRETE NOTES.
2. ALL KERBS, GUTTERS, DISH DRAINS AND CROSSINGS TO BE CONSTRUCTED ON 100mm GRANULAR BASECOURSE COMPACTED TO MINIMUM 95% MODIFIED DRY DENSITY (AS 1289 5.2.1).
3. EXPANSION JOINTS (E.J) 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 MAX 12m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE EXPANSION JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
4. WEAKENED PLANE JOINTS TO BE MIN 3mm WIDE AND LOCATED AT 3m CENTRES EXCEPT FOR INTEGRAL KERBS WHERE THE WEAKENED PLANE JOINTS ARE TO MATCH THE JOINT LOCATIONS IN THE SLABS.
5. BROOMED FINISH TO ALL RAMPED AND VEHICULAR CROSSINGS. ALL OTHER KERBING OR DISH DRAINS TO BE STEEL FLOAT FINISHED.
6. IN THE REPLACEMENT OF KERB AND GUTTER :- EXISTING ROAD PAVEMENT IS TO BE SAWCUT 900mm U.N.O FROM THE LIP OF GUTTER. UPON COMPLETION OF THE NEW KERB AND GUTTER NEW BASECOURSE AND SURFACE TO BE LAID 600mm WIDE U.N.O. EXISTING ALLOTMENT DRAINAGE PIPES ARE TO BE BUILT INTO THE NEW KERB AND GUTTER WITH 100mm DIA HOLE. EXISTING KERB AND GUTTER IS TO BE COMPLETELY REMOVED WHERE NEW KERB AND GUTTER IS SHOWN.

OVERALL SITEWORKS LEGEND - COMBINED

EXISTING

- EXISTING BOUNDARY
- 60.0 EXISTING CONTOUR

PROPOSED SITEWORKS

- PROPOSED BOUNDARY
- BATTER
- ● F65.50 PROPOSED SURFACE LEVE
- 65.5 PROPOSED MAJOR CONTOUR (0.5m INTERVAL)
- PROPOSED MINOR CONTOUR (0.25m INTERVAL)
- K&G KERB AND GUTTER (REFER PCC DWG. SD1003/1)
- KO KERB ONLY (REFER PCC DWG. SD1003/2)
- IKO INTEGRAL KERB
- DD DISH DRAIN (REFER PCC DWG. SD1003/2)
- VC VEHICLE CROSSOVER (REFER PCC DWG. SD1004)
- PR PRAM RAMP (REFER PCC DWG. SD1002)
- S SEWER MAIN (BY OTHERS)
- 375ø STORMWATER PIPE WITH SIZE
- KERB INLET PIT (REFER PCC DWG. SD2001 U.N.O.)
- SURFACE INLET PIT (REFER PCC DWG. SD2002 U.N.O)
- JUNCTION PIT (REFER PCC DWG. SD2002 U.N.O)
- FP DOWNPIPES & PIPE WORK (T.B.C. BY HYDRAULIC ENGINEERS)
- FP SUB-SOIL DRAINAGE AND FLUSH POINT
- D/3 PROPOSED STORMWATER PIT NUMBER
- GD (GRATED DRAIN) RETAINING WALL
- RETAINING WALL

EXISTING SERVICES LEGEND

- E EXISTING ELECTRICAL
- EXISTING LIGHTPOLES
- W EXISTING WATER
- S EXISTING SEWER
- EXISTING SEWER MANHOLE
- T EXISTING TELECOM
- EXISTING STORMWATER LINE
- EXISTING STORMWATER PIT

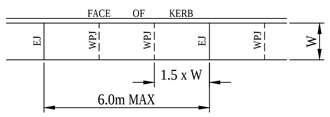
SITEWORKS NOTES

1. ORIGIN OF LEVELS:- REFER SURVEY NOTES.
2. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND EXISTING LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES TO BE REPORTED TO AT & L.
3. MAKE SMOOTH CONNECTION WITH EXISTING WORKS.
4. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED TO THE SAME DENSITY AS THE ADJACENT MATERIAL.
5. ALL SERVICE TRENCHES UNDER VEHICULAR PAVEMENTS SHALL BE BACKFILLED WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% MODIFIED MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1(2017). (OR A DENSITY INDEX OF NOT LESS THAN 75)
6. PROVIDE 10mm WIDE EXPANSION JOINTS BETWEEN BUILDINGS AND ALL CONCRETE OR UNIT PAVEMENTS.
7. ASPHALTIC CONCRETE SHALL CONFORM TO RMS. SPECIFICATION R116.
8. ALL BASECOURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH RMS. FORM 3051 (UNBOUND), RMS. FORM ACCORDANCE WITH AS 1289 5.2.1(2017) FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m OF BASECOURSE MATERIAL PLACED.
9. ALL SUB-BASE COURSE MATERIAL SHALL BE IGNEOUS ROCK QUARRIED MATERIAL TO COMPLY WITH RMS. FORM 3051, 3051.1 AND COMPACTED FREQUENCY OF COMPACTION TESTING SHALL NOT BE LESS THAN 1 TEST PER 50m OF SUB-BASE COURSE MATERIAL PLACED.
10. AS AN ALTERNATIVE TO THE USE OF IGNEOUS ROCK AS A SUB-BASE MATERIAL IN (9) A CERTIFIED RECYCLED CONCRETE MATERIAL COMPLYING WITH RMS. FORM 3051 AND 3051.1 WILL BE CONSIDERED. SUBJECT TO MATERIAL SAMPLES AND APPROPRIATE CERTIFICATIONS BEING PROVIDED TO THE SATISFACTION OF AT & L.
11. SHOULD THE CONTRACTOR WISH TO USE A RECYCLED PRODUCT THIS SHALL BE CLEARLY INDICATED IN THEIR TENDER AND THE PRICE DIFFERENCE BETWEEN AN IGNEOUS PRODUCT AND A RECYCLED PRODUCT SHALL BE CLEARLY INDICATED.
12. WHERE NOTED ON THE DRAWINGS THAT WORKS ARE TO BE CARRIED BY OTHERS, (eg. ADJUSTMENT OF SERVICES), THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THESE WORKS. 3052 (BOUND) COMPACTED TO MINIMUM 98% MODIFIED DENSITY IN TO MINIMUM 95% MODIFIED DENSITY IN ACCORDANCE WITH A.S 1289 5.2.1(2017)

JOINTING NOTES

PEDESTRIAN PAVEMENT JOINTS

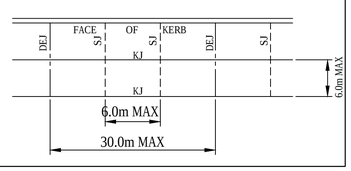
1. ALL PEDESTRIAN PAVEMENTS ARE TO BE JOINTED AS FOLLOWS. (U.N.O)
2. EXPANSION JOINTS ARE TO BE LOCATED WHERE POSSIBLE AT TANGENT POINTS OF CURVES AND ELSEWHERE AT MAX. 6.0m CENTRES.
3. WEAKENED PLANE JOINTS ARE TO BE LOCATED AT A MAX. SPACING OF 1.5 x WIDTH OF THE PAVEMENT.
4. WHERE POSSIBLE JOINTS SHOULD BE LOCATED TO MATCH KERBING AND OR ADJACENT PAVEMENT JOINTS.
5. PEDESTRIAN PAVEMENT JOINT DETAIL.



NB: CHECK RELEVANT COUNCIL REQUIREMENTS IF IN PUBLIC ROAD.

VEHICULAR PAVEMENT JOINTS

6. ALL VEHICULAR PAVEMENTS TO BE JOINTED AS FOLLOWS. (U.N.O)
7. ALL VEHICULAR PAVEMENTS TO BE JOINTED AS SHOWN ON DRAWINGS.
8. KEYED CONSTRUCTION JOINTS SHOULD GENERALLY BE LOCATED AT A MAX OF 6.0m CENTRES
9. SAWN JOINTS SHOULD GENERALLY BE LOCATED AT A MAX OF 6.0m CENTRES WITH DOWELED EXPANSION JOINTS AT MAX 30.0m CENTRES
10. VEHICULAR PAVEMENT JOINT DETAIL.



STORMWATER DRAINAGE NOTES

1. STORMWATER DESIGN CRITERIA:
   A) AVERAGE RECURRENCE INTERVAL:
   1:100 YEARS ROOFED AREAS TO SURCHARGE PIT
   1:?? YEARS EXTERNAL PAVEMENTS
   (B) RAINFALL INTENSITIES:
   TIME OF CONCENTRATION: MINUTES 5
   1:100 YEARS= ?? mm/hr
   1:?? YEARS= ?? mm/hr
   (C) RUNOFF COEFFICIENTS:
   ROOF AREAS: C =1.0 100
   EXTERNAL PAVEMENTS: C =1.0 ??
2. PIPES 300 DIA. AND LARGER TO BE REINFORCED CONCRETE CLASS '2' APPROVED SPIGOT AND SOCKET WITH RUBBER RING JOINTS. U.N.O.
3. PIPES UP TO 300 DIA SHALL BE SEWER GRADE uPVC WITH SOLVENT WELDED JOINTS.
4. EQUIVALENT STRENGTH VCP OR FRC PIPES MAY BE USED.
5. ALL STORMWATER DRAINAGE LINES UNDER PROPOSED BUILDING SLABS TO BE uPVC PRESSURE PIPE GRADE 6. ENSURE ALL VERTICALS AND DOWNPIPES ARE uPVC PRESSURE PIPE, GRADE 6 FOR A MIN OF 3.0m IN HEIGHT.
6. PIPES TO BE INSTALLED TO TYPE HS3 (ROAD) HS2 (LOTS) SUPPORT IN ACCORDANCE WITH AS 3725 (2007) IN ALL CASES BACKFILL TRENCH WITH SAND TO 300mm ABOVE PIPE. WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 150mm LAYERS TO MINIMUM 98% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)
7. ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500 3.1 (2006) AND AS/NZS 3500 3.2 (2010).
8. PRECAST PITS MAY BE USED EXTERNAL TO THE BUILDING SUBJECT TO APPROVAL BY AT & L.
9. ENLARGERS, CONNECTIONS AND JUNCTIONS TO BE PREFABRICATED FITTINGS WHERE PIPES ARE LESS THAN 300 DIA.
10. WHERE SUBSOIL DRAINS PASS UNDER FLOOR SLABS AND VEHICULAR PAVEMENTS, UNSLOTTED uPVC SEWER GRADE PIPE IS TO BE USED.
11. CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES. GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
12. GRATES AND COVERS SHALL CONFORM TO AS 3996.
13. ALL INTERNAL PIT DIMENSIONS TO CONFORM TO AS3500.3 TABLE 7.5.2.1
14. AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
15. ALL EXISTING STORMWATER DRAINAGE LINES AND PITS THAT ARE TO REMAIN ARE TO BE INSPECTED AND CLEANED. DURING THIS PROCESS ANY PART OF THE STORMWATER DRAINAGE SYSTEM THAT WARRANTS REPAIR SHALL BE REPORTED TO THE SUPERINTENDENT/ENGINEER FOR FURTHER DIRECTIONS.

BULK EARTHWORKS NOTES

1. ORIGIN OF LEVELS: REFER SURVEY NOTES
2. STRIP ALL TOPSOIL/ORGANIC MATERIAL FROM CONSTRUCTION AREA AND REMOVE FROM SITE OR STOCK PILE AS DIRECTED BY SUPERINTENDENT.
3. EXCAVATED MATERIAL TO BE USED AS STRUCTURAL FILL PROVIDED THE PLACEMENT MOISTURE CONTENT OF THE MATERIAL IS +/- 2% OF THE OPTIMUM MOISTURE CONTENT.
4. COMPACT FILL AREAS AND SUBGRADE TO NOT LESS THAN:

LOCATION	STANDARD DRY DENSITY (AS 1289 E 5.1.1.)
UNDER BUILDING SLABS ON GROUND	98%
UNDER ROADS AND CARPARKS	98%
LANDSCAPED AREAS UNLESS NOTED OTHERWISE	98%

5. FOR NON COHESIVE MATERIAL, COMPACT TO 75% DENSITY INDEX.
6. BEFORE PLACING FILL, PROOF ROLL EXPOSED SUBGRADE WITH AN 8 TONNE (MIN) DEADWEIGHT SMOOTH DRUM VIBRATORY ROLLER TO DETECT THEN REMOVE SOFT SPOTS (AREAS WITH MORE THAN 2mm MOVEMENT UNDER ROLLER).
7. FREQUENCY OF COMPACTION TESTING SHALL BE NOT LESS THAN :-
   (A) 1 TEST PER 200m^2 OF FILL PLACED PER 300 LAYER OF FILL.
   (B) 3 TESTS PER VISIT
   (C) 1 TEST PER 1000m^3 OF EXPOSED SUBGRADE
   TESTING SHALL BE "LEVEL 1" TESTING IN ACCORDANCE WITH AS 3798 (2007).
8. FILLING TO BE PLACED AND COMPACTED IN MAXIMUM 150mm LAYERS
9. NO FILLING SHALL TAKE PLACE TO EXPOSE SUBGRADE UNTIL THE AREA HAS BEEN PROOF ROLLED IN THE PRESENCE OF AT & L AND APPROVAL GIVEN IN WRITING THAT FILLING CAN PROCEED.

CONCRETE NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600(2018) CURRENT EDITION WITH AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
2. CONCRETE QUALITY ALL REQUIREMENTS OF THE CURRENT ACSE CONCRETE SPECIFICATION DOCUMENT 1 SHALL APPLY TO THE FORMWORK, REINFORCEMENT AND CONCRETE UNLESS NOTED OTHERWISE.

ELEMENT	AS 3600 F'c MPa AT 28 DAYS	SPECIFIED SLUMP	NOMINAL AGG. SIZE
VEHICULAR BASE	32	60	20
KERBS, PATHS, AND PITS	25	80	20

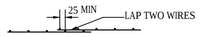
- CEMENT TYPE SHALL BE (ACSE SPECIFICATION) TYPE SL
- PROJECT CONTROL TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS 1379.

3. NO ADMIXTURES SHALL BE USED IN CONCRETE UNLESS APPROVED IN WRITING BY AT & L.
4. CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE 40mm TOP AND 70mm FOR EXTERNAL EDGES UNLESS NOTED OTHERWISE.
5. ALL REINFORCEMENT SHALL BE FIRMLY SUPPORTED ON MILD STEEL PLASTIC TIPPED CHAIRS, PLASTIC CHAIRS OR CONCRETE CHAIRS AT NOT GREATER THAN 1m CENTRES BOTH WAYS. BARS SHALL BE TIED AT ALTERNATE INTERSECTIONS.
6. THE FINISHED CONCRETE SHALL BE A DENSE HOMOGENEOUS MASS, COMPLETELY FILLING THE FORMWORK, THOROUGHLY EMBEDDING THE REINFORCEMENT AND FREE OF STONE POCKETS. ALL CONCRETE INCLUDING SLABS ON GROUND AND FOOTINGS SHALL BE COMPACTED AND CURED IN ACCORDANCE WITH R.M.S. SPECIFICATION R83.
7. REINFORCEMENT SYMBOLS:
   N DENOTES GRADE 450 N BARS TO AS/NZS 4671 GRADE N
   R DENOTES 230 R HOT ROLLED PLAIN BARS TO AS/NZS 4671
   SL DENOTES HARD-DRAWN WIRE REINFORCING FABRIC TO AS/NZS 4671

NUMBER OF BARS IN GROUP — BAR GRADE AND TYPE
17 N 20 250
NOMINAL BAR SIZE IN mm — SPACING IN mm

THE FIGURE FOLLOWING THE FABRIC SYMBOL SL IS THE REFERENCE NUMBER FOR FABRIC TO AS/NZS 4671.

8. FABRIC SHALL BE LAPPED IN ACCORDANCE WITH THE FOLLOWING DETAIL:



SURVEY NOTES

THE EXISTING SITE CONDITIONS HAS BEING SURVEY AS PART OF THE WORK AS EXECUTED PLANS PREPARED BY BURTON CONTRACTORS. THE INFORMATION IS SHOWN TO PROVIDE A BASIS FOR DESIGN. AT & L DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE SURVEY BASE OR ITS SUITABILITY AS A BASIS FOR CONSTRUCTION DRAWINGS.

SHOULD DISCREPANCIES BE ENCOUNTERED DURING CONSTRUCTION BETWEEN THE SURVEY DATA AND ACTUAL FIELD DATA, CONTACT AT & L.

EROSION AND SEDIMENT CONTROL NOTES

GENERAL INSTRUCTIONS

1. THE SITE SUPERINTENDENT/ENGINEER WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE LOCATED AS DOCUMENTED.
2. ALL WORK SHALL BE GENERALLY CARRIED OUT IN ACCORDANCE WITH
   a. LOCAL AUTHORITY REQUIREMENT
   b. EPA REQUIREMENTS
   c. NSW DEPARTMENT OF HOUSING MANUAL "MANAGING URBAN STORMWATER, SOILS AND CONSTRUCTION", 4th EDITION, MARCH 2004.
3. MAINTAIN THE EROSION CONTROL DEVICES TO THE SATISFACTION OF THE SUPERINTENDENT AND THE LOCAL AUTHORITY.
4. WHEN STORMWATER PITS ARE CONSTRUCTED, PREVENT SITE RUNOFF ENTERING UNLESS SEDIMENT FENCES ARE ERECTED AROUND PITS.
5. CONTRACTOR IS TO ENSURE ALL EROSION & SEDIMENT CONTROL DEVICES ARE MAINTAINED IN GOOD WORKING ORDER AND OPERATE EFFECTIVELY. REPAIRS AND OR MAINTENANCE SHALL BE UNDERTAKEN AS REQUIRED, PARTICULARLY FOLLOWING STORM EVENTS.

LAND DISTURBANCE

6. WHERE PRACTICAL, THE SOIL EROSION HAZARD ON THE SITE WILL BE KEPT AS LOW AS POSSIBLE. TO THIS END, WORKS SHOULD BE UNDERTAKEN IN THE FOLLOWING SEQUENCE:
   (A) INSTALL A WIND FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
   (B) INSTALL A SEDIMENT FENCE ALONG THE BOUNDARIES AS SHOWN ON PLAN. REFER DETAIL.
   (C) CONSTRUCT STABILISED CONSTRUCTION ENTRANCE TO LOCATION AS DETERMINED BY SUPERINTENDENT/ENGINEER. REFER DETAIL.
   (D) INSTALL SEDIMENT BASIN AS SHOWN ON PLAN
   (E) INSTALL SEDIMENT TRAPS AS SHOWN ON PLAN.
   (F) UNDERTAKE SITE DEVELOPMENT WORKS IN ACCORDANCE WITH THE ENGINEERING PLANS. WHERE POSSIBLE, PHASE DEVELOPMENT SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF WORKABLE SIZE.

EROSION CONTROL

7. DURING WINDY WEATHER, LARGE, UNPROTECTED AREAS WILL BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO KEEP DUST UNDER CONTROL.
8. FINAL SITE LANDSCAPING WILL BE UNDERTAKEN AS SOON AS POSSIBLE AND WITHIN 20 WORKING DAYS FROM COMPLETION OF CONSTRUCTION ACTIVITIES.

SEDIMENT CONTROL

9. STOCKPILES WILL NOT BE LOCATED WITHIN 2 METRES OF HAZARD AREAS, INCLUDING LIKELY AREAS OF CONCENTRATED OR HIGH VELOCITY FLOWS SUCH AS WATERWAYS. WHERE THEY ARE BETWEEN 2 AND 5 METRES FROM SUCH AREAS, SPECIAL SEDIMENT CONTROL MEASURES SHOULD BE TAKEN TO MINIMISE POSSIBLE POLLUTION TO DOWNSLOPE WATERS, E.G. THROUGH INSTALLATION OF SEDIMENT FENCING.
10. ANY SAND USED IN THE CONCRETE CURING PROCESS (SPREAD OVER THE SURFACE) WILL BE REMOVED AS SOON AS POSSIBLE AND WITHIN 10 WORKING DAYS FROM PLACEMENT.
11. WATER WILL BE PREVENTED FROM ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE, I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN FILTERED THROUGH AN APPROVED STRUCTURE.
12. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE REHABILITATED.

OTHER MATTERS

13. ACCEPTABLE RECEPTORS WILL BE PROVIDED FOR CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHT-WEIGHT WASTE MATERIALS AND LITTER.
14. ANY EXISTING TREES WHICH FORM PART OF THE FINAL LANDSCAPING PLAN WILL BE PROTECTED FROM CONSTRUCTION ACTIVITIES BY:
   (A) PROTECTING THEM WITH BARRIER FENCING OR SIMILAR MATERIALS INSTALLED OUTSIDE THE DRIP LINE
   (B) ENSURING THAT NOTHING IS NAILED TO THEM
   (C) PROHIBITING PAVING, GRADING, SEDIMENT WASH OR PLACING OF STOCKPILES WITHIN THE DRIP LINE EXCEPT UNDER THE FOLLOWING CONDITIONS.
   (I) ENCROACHMENT ONLY OCCURS ON ONE SIDE AND NO CLOSER TO THE TRUNK THAN EITHER 1.5 METRES OR HALF THE DISTANCE BETWEEN THE OUTER EDGE OF THE DRIP LINE AND THE TRUNK, WHICH EVER IS THE GREATER
   (II) A DRAINAGE SYSTEM THAT ALLOWS AIR AND WATER TO CIRCULATE THROUGH THE ROOT ZONE (E.G. A GRAVEL BED) IS PLACED UNDER ALL FILL LAYERS OF MORE THAN 300 MILLIMETRES DEPTH
   (III) CARE IS TAKEN NOT TO CUT ROOTS UNNECESSARILY NOR TO COMPACT THE SOIL AROUND THEM.

CONTRACTOR SHALL CALL;
DIAL BEFORE YOU DIG 1100
PRIOR TO COMMENCEMENT OF WORK TO OBTAIN ALL CURRENT SERVICE AUTHORITY PLANS

DIAL BEFORE YOU DIG www.1100.com.au

Bar Scales

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

File Name: 20-781-C201.dwg

		Drawn	TK
		Designed	FX
Height Datum	AHD	Checked	AT
Grid	MGA	Approved	AT

Client: Goodman

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Project: INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

Title: GENERAL NOTES

Drawing No. 20-781-C201
Issue A

100mm on Original

Date Plotted: 2 Sep 2020 - 03:32PM File Name: F:\20-781 OSE - Precinct 2\6.0 Drgs\Civil\DA-Drawings\200 Series - Lot 2B\20-781-C201.dwg V1

C210

C211

C212

C213

CHELODINA STREET

ENTOLASIA CLOSE

2A

2A

1
C206

2
C206

6
C206

3
C206

5
C206

4
C206

1D

BUILDING 2B-1
FFL 67.55
(±500mm)

BUILDING 2B-2
FFL 67.55
(±500mm)

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

File Name 20-781-C205.dwg

		Drawn	TK
		Designed	FX
Height Datum	AHD	Checked	AT
Grid	MGA	Approved	AT

Client

Goodman

Civil Engineers and Project Managers

at&l

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Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

Title
GENERAL
ARRANGEMENT PLAN

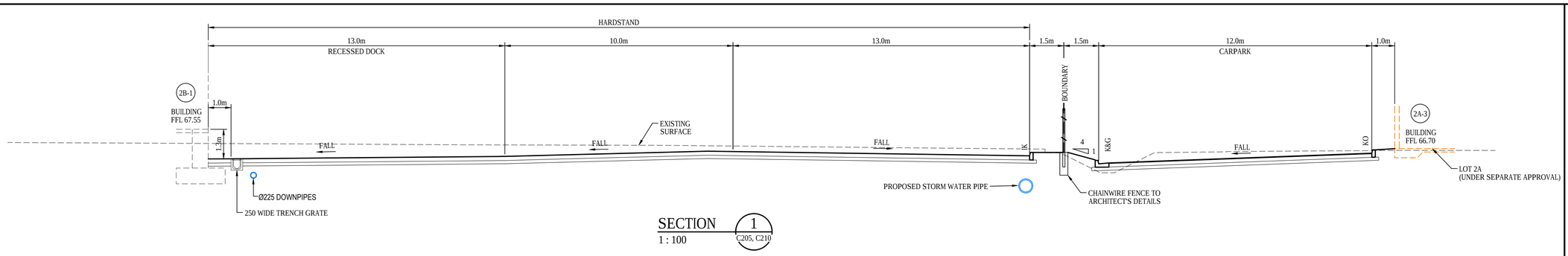
Drawing No. 20-781-C205

Issue A

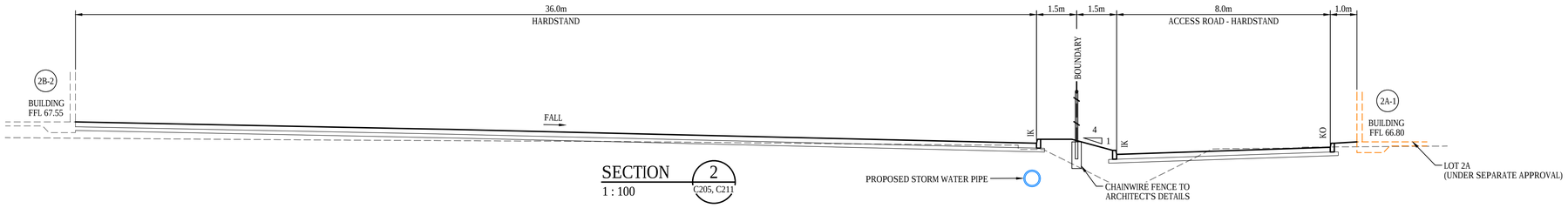
100mm on Original

Date Plotted: 2 Sep 2020 - 03:32PM File Name: F:\20-781OSE - Precinct 2\6.0 Drgs\Civil\DA-Drawings\200 Series - Lot 2B\20-781-C205.dwg V1

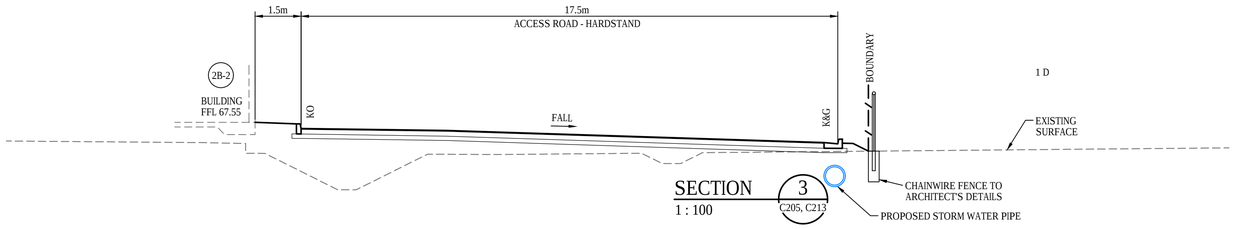
Document Set ID: 9349374
Version: 1, Version Date: 26/10/2020



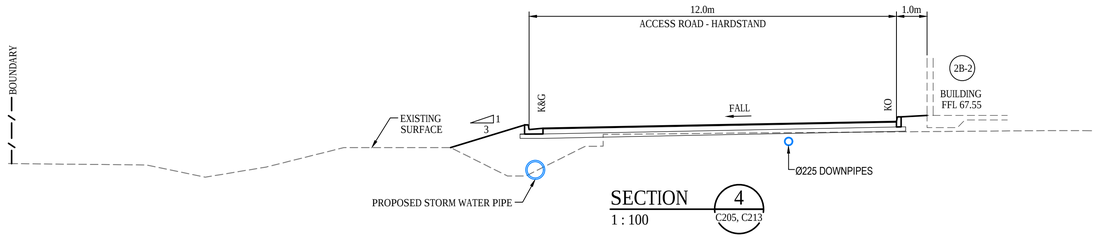
SECTION 1 — C205, C210
1 : 100



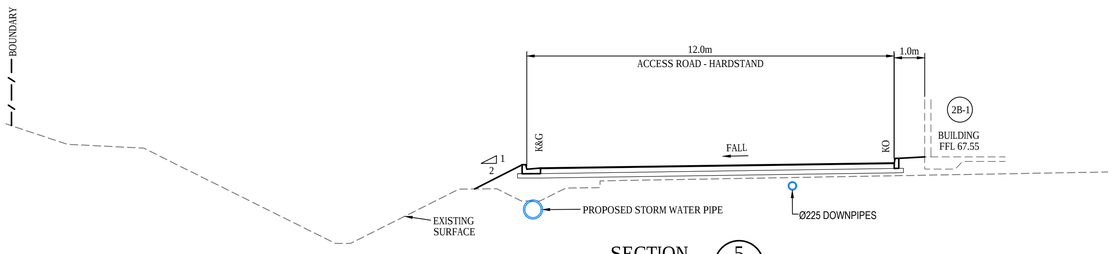
SECTION 2 — C205, C211
1 : 100



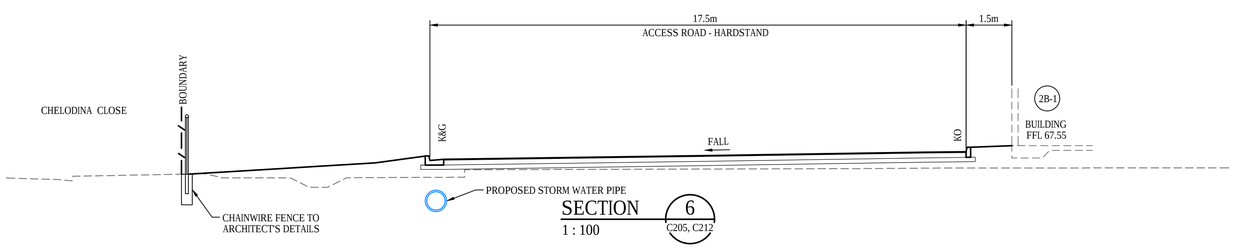
SECTION 3 — C205, C213
1 : 100



SECTION 4 — C205, C213
1 : 100



SECTION 5 — C205, C212
1 : 100



SECTION 6 — C205, C212
1 : 100

Bar Scales

0 2 4 6 8

1 : 100 @ A1 1 : 200 @ A3

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

File Name: 20-781-C206.dwg

		Drawn	TK
		Designed	FX
Height Datum	AHD	Checked	AT
Grid	MGA	Approved	AT

Client: Goodman

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Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

Title
TYPICAL SECTIONS

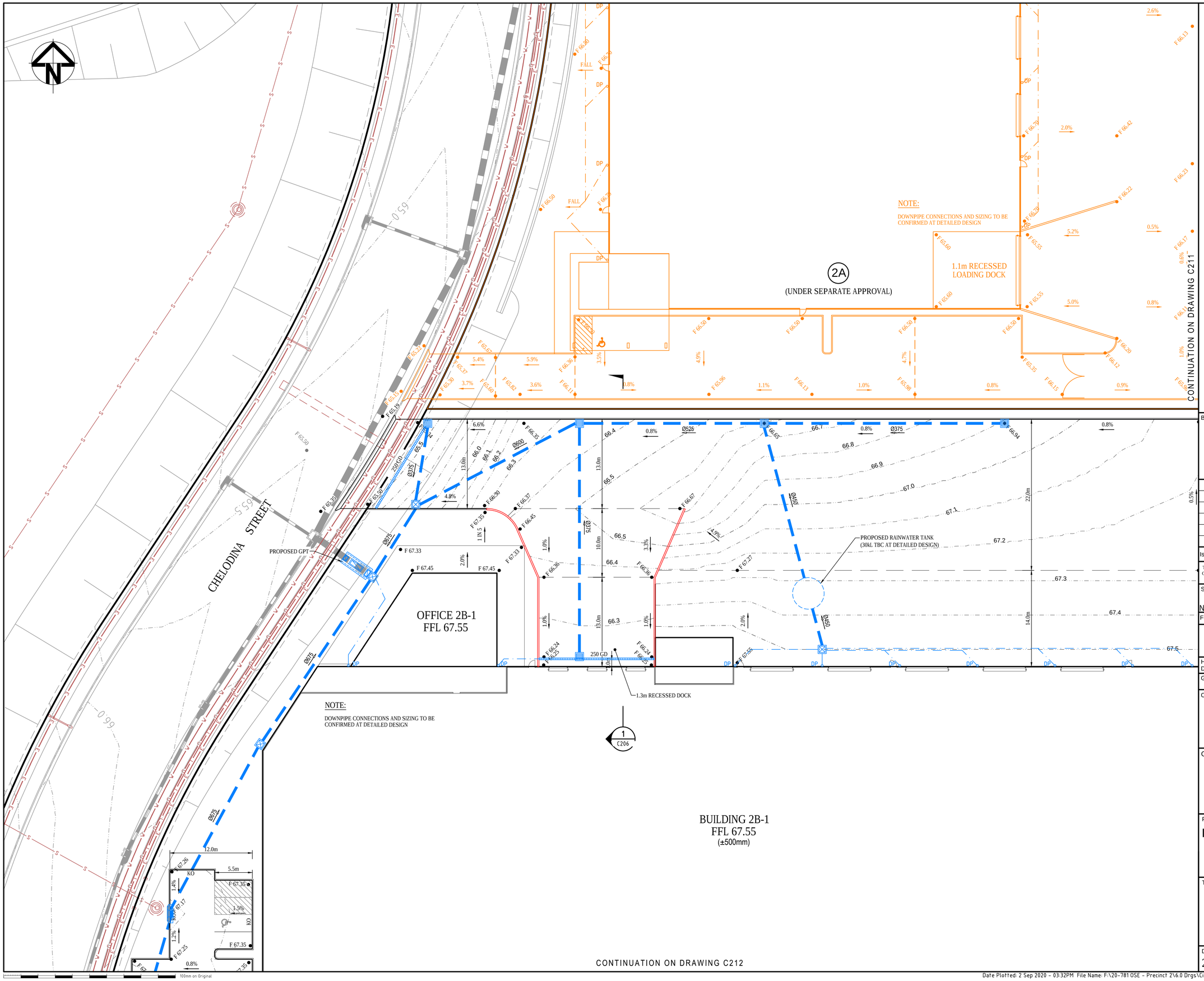
Drawing No. 20-781-C206

Issue A

100mm on Original

Date Plotted: 2 Sep 2020 - 03:32PM File Name: F:\20-781OSE - Precinct 2\6.0 Drgs\Civil\DA-Drawings\200 Series - Lot 2B\20-781-C206.dwg V1

Document Set ID: 9349374
Version: 1, Version Date: 26/10/2020



Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

File Name: 20-781-C210.dwg

		Drawn	TK
		Designed	FX
Height Datum	AHD	Checked	AT
Grid	MGA	Approved	AT

Client: Goodman

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Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

Title
SITEWORKS AND
STORMWATER DRAINAGE
PLAN - SHEET 1

Drawing No. 20-781-C210

Issue A

100mm on Original

Date Plotted: 2 Sep 2020 - 03:32PM File Name: F:\20-781 OSE - Precinct 2\6.0 Drgs\Civil\DA-Drawings\200 Series - Lot 2B\20-781-C210.dwg V1

CONTINUATION ON DRAWING C210

2A
(UNDER SEPARATE APPROVAL)

NOTE:
DOWNPIPE CONNECTIONS AND SIZING TO BE CONFIRMED AT DETAILED DESIGN

1C

ENTOLASIA CLOSE

PROPOSED GPT

PROPOSED RAINWATER TANK
(30kL TBC AT DETAILED DESIGN)

NOTE:
DOWNPIPE CONNECTIONS AND SIZING TO BE CONFIRMED AT DETAILED DESIGN

2
C206

OFFICE 2B-2
FFL 67.55

BUILDING 2B-2
FFL 67.55
(±500mm)

1D

CONTINUATION ON DRAWING C213

Bar Scales
0 5 10 15 20
1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

File Name: 20-781-C211.dwg

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		Designed	FX
Height Datum	AHD	Checked	AT
Grid	MGA	Approved	AT

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Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

Title
SITEWORKS AND STORMWATER DRAINAGE PLAN - SHEET 2

Drawing No. 20-781-C211
Issue A

100mm on Original

Date Plotted: 2 Sep 2020 - 03:33PM File Name: F:\20-781 OSE - Precinct 2\6.0 Drgs\Civil\DA-Drawings\200 Series - Lot 2B\20-781-C211.dwg V1

CONTINUATION ON DRAWING C210

BUILDING 2B-1
FFL 67.55
(±500mm)

CONTINUATION ON DRAWING C213

CHELODINA STREET

NOTE:

DOWNPIPE CONNECTIONS AND SIZING TO BE CONFIRMED AT DETAILED DESIGN

6 C206

5 C206

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

File Name 20-781-C212.dwg

		Drawn	TK
		Designed	FX
Height Datum	AHD	Checked	AT
Grid	MGA	Approved	AT

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Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

Title
SITEWORKS AND STORMWATER DRAINAGE PLAN - SHEET 3

Drawing No. 20-781-C212

Issue A

100mm on Original

Date Plotted: 2 Sep 2020 - 03:33PM File Name: F:\20-781 OSE - Precinct 2\6.0 Drgs\Civil\DA-Drawings\200 Series - Lot 2B\20-781-C212.dwg V1

CONTINUATION ON DRAWING C211

CONTINUATION ON DRAWING C212

BUILDING 2B-2
FFL 67.55
(±500mm)

3
C206

1D

4
C206

NOTE:

DOWNPIPE CONNECTIONS AND SIZING TO BE CONFIRMED AT DETAILED DESIGN

Bar Scales

0 5 10 15 20

1 : 250 @ A1 1 : 500 @ A3

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status
FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

File Name 20-781-C213.dwg

		Drawn	TK
		Designed	FX
Height Datum	AHD	Checked	AT
Grid	MGA	Approved	AT

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Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

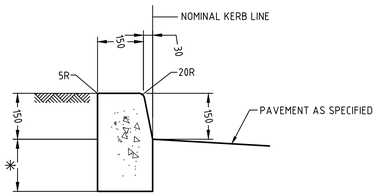
Title
SITEWORKS AND STORMWATER DRAINAGE PLAN - SHEET 4

Drawing No. 20-781-C213

Issue A

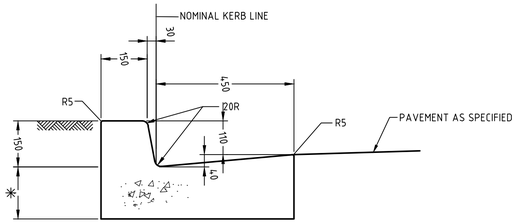
100mm on Original

Date Plotted: 2 Sep 2020 - 03:33PM File Name: F:\20-781 OSE - Precinct 2\6.0 Drgs\Civil\DA-Drawings\200 Series - Lot 2B\20-781-C213.dwg V1



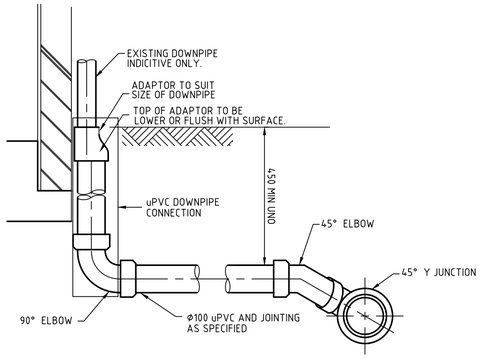
KERB ONLY (KO)
SCALE 1:10

✳ TO SUIT PAVEMENT DEPTH MIN. 150mm

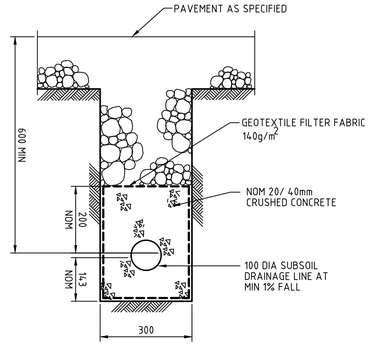


KERB AND GUTTER (K&G)
SCALE 1:10

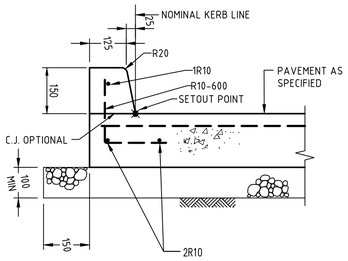
✳ TO SUIT PAVEMENT DEPTH MIN. 150mm



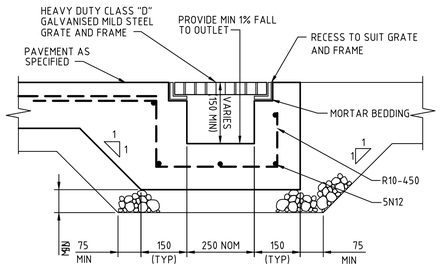
PVC DOWNPIPE CONNECTION
SCALE 1:10



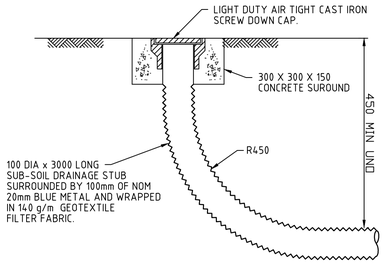
SUBSOIL IN PAVED AREAS
SCALE 1:10



INTEGRAL KERB (IKO)
SCALE 1:10

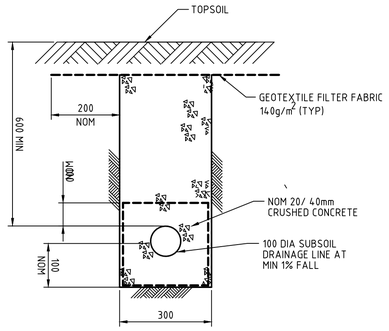


GRATED DRAIN (GD)
SCALE 1:10

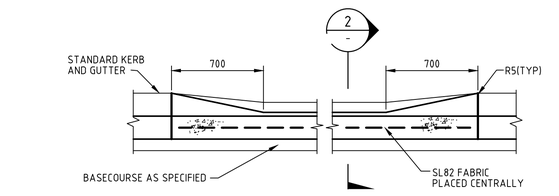


FLUSHING POINT
SCALE 1:10

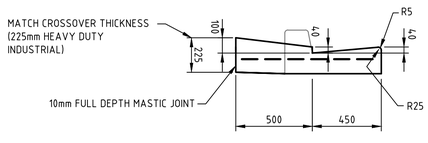
NOTE: SLOTTED RIGID PVC PIPE AND FITTINGS MAY BE USED



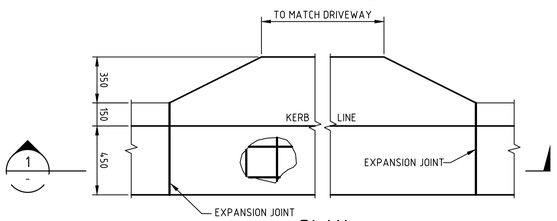
SUBSOIL IN LANDSCAPED AREAS
SCALE 1:10



SECTION 2-2
1 : 20

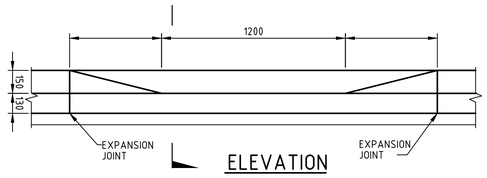


SECTION 1-1
1 : 20

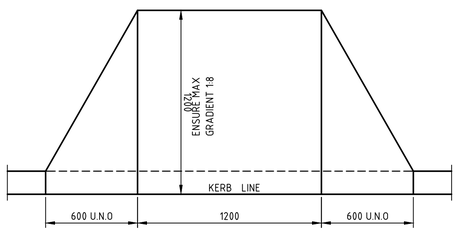


PLAN
VEHICULAR CROSSING
SCALE 1:20

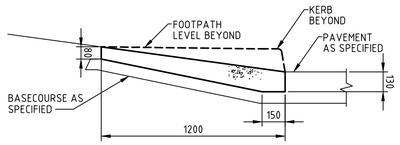
NOTE: VEHICULAR CROSSOVER AND LAYBACKS TO BE CONSTRUCTED IN ACCORDANCE WITH PENRITH CITY COUNCIL SPECIFICATIONS AND GUIDELINES. REFER TO STANDARD DRAWING SD1004 FOR LAYBACK DETAILS.



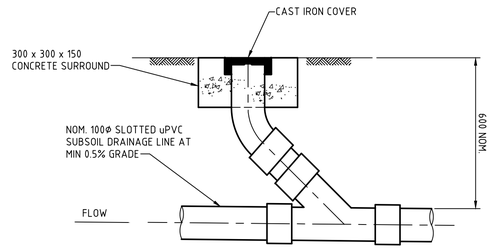
ELEVATION



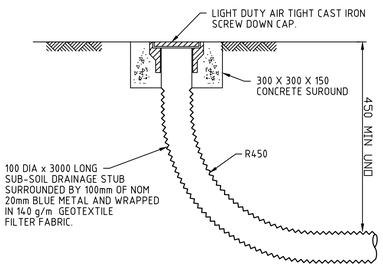
PLAN
RAMPED CROSSING
SCALE 1:20



SECTION 1-1
1 : 20



INTERMEDIATE RISER
SCALE 1:10



FLUSHING POINT
SCALE 1:10

NOTE: SLOTTED RIGID PVC PIPE AND FITTINGS MAY BE USED

Bar Scales
0 500 1000 1500
1 : 20 @ A1 1 : 40 @ A3
0 100 200 400 600 800
1 : 10 @ A1 1 : 20 @ A3

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

File Name: 20-781-C220.dwg

		Drawn	TK
		Designed	FX
Height Datum	AHD	Checked	AT
Grid	MGA	Approved	AT

Client: Goodman

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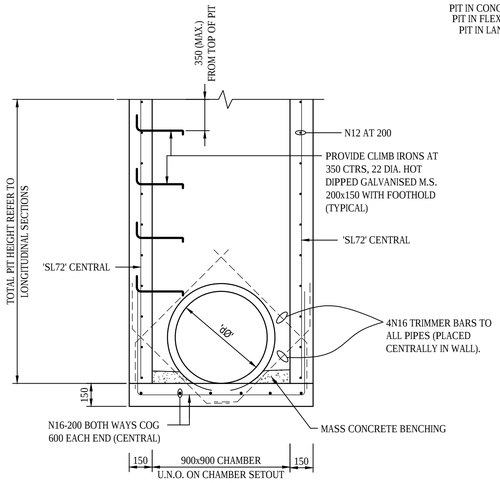
Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

Title
SITEWORKS
DETAILS

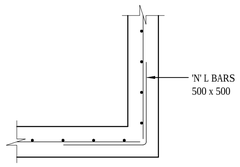
Drawing No. 20-781-C220
Issue A

100mm on Original.



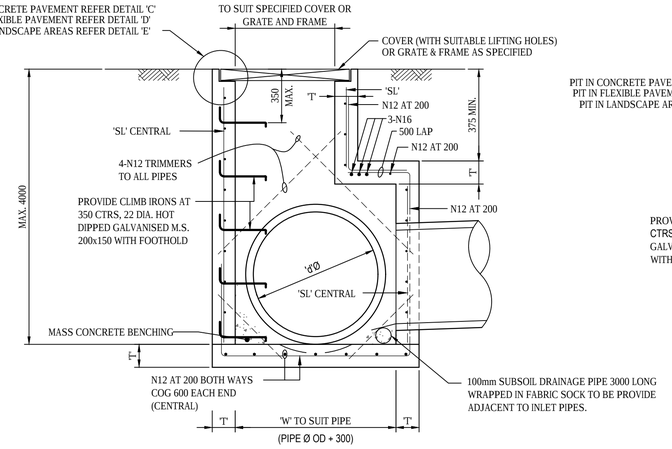
PIT CHAMBER DETAIL FOR PIPES UP TO 525Ø (TYPE 1)

SCALE: 1:20



TYPICAL CORNER DETAIL

SCALE 1:20



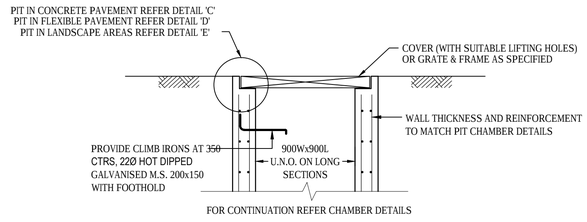
PIT CHAMBER DETAIL FOR PIPES FROM 600Ø TO 1200Ø TYPE 2

(ENLARGED CHAMBER)

SCALE: 1:20

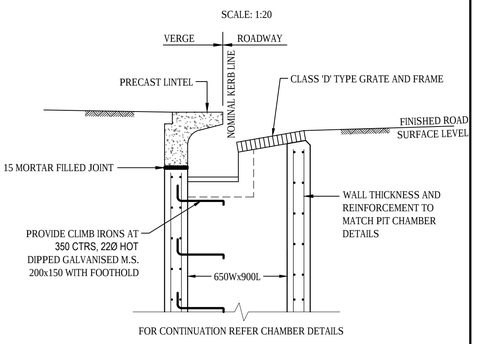
PIPE DIA. 'dØ'	WIDTH 'W' (U.N.O)	WALL 'T'	FABRIC/COV 'SL'
600	900	150	SL82
675	940	150	SL82
750	1020	150	SL82
825	1100	150	SL82
900	1180	200	SL82
1050	1350	200	SL92
1200	1510	200	SL102

CHAMBER DEPTH EXCEEDING 2m IN HEIGHT CERTIFIED APPROVED BY STRUCTURAL ENGINEER.



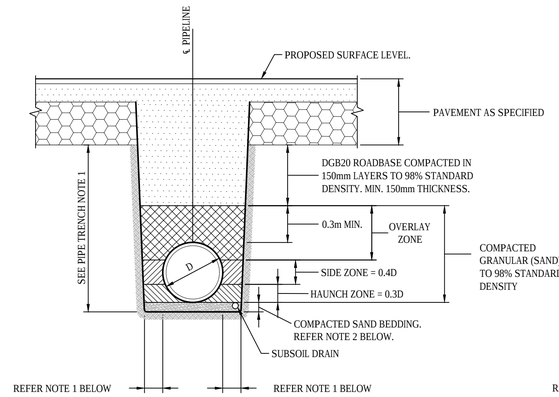
STANDARD SURFACE INLET OR SEALED JUNCTION PIT

SCALE: 1:20



STANDARD GRATED KERB INLET PIT WITH LINTEL

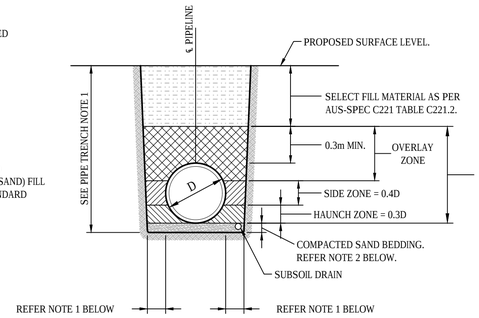
SCALE: 1:20



PIPE TRENCH BELOW PAVEMENT

N.T.S.

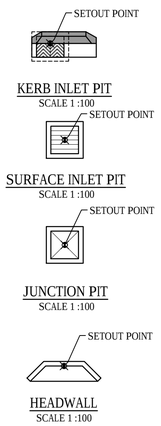
NOTE
1. ≥0.2D OR 0.3m (WHICHEVER IS GREATER)
2. 100mm FOR PIPE DIA. ≤1500



PIPE TRENCH BELOW LANDSCAPING (HS3)

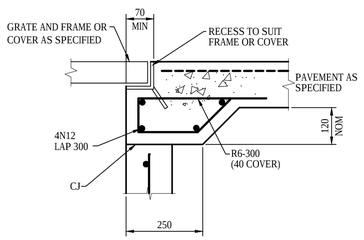
N.T.S.

NOTE
1. ≥0.2D OR 0.3m (WHICHEVER IS GREATER)
2. 100mm FOR PIPE DIA. ≤1500



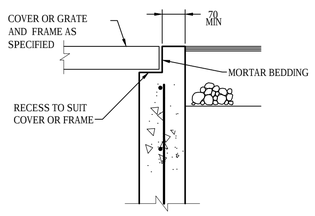
STORMWATER PIT SETOUT POINTS

REFER PIT SETOUT PLANS FOR ENLARGED CHAMBERS



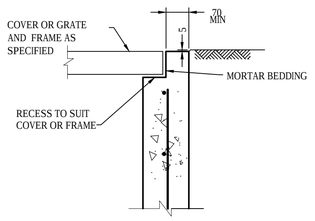
DETAIL "C"

SCALE 1:10



DETAIL "D"

SCALE 1:10



DETAIL "E"

SCALE 1:10

PIPE TRENCH NOTES

1. IN UNDERTAKING TRENCH EXCAVATION, THE CONTRACTOR SHALL PROVIDE ANY SHORING, SHEET PILING OR OTHER STABILISATION OF THE TRENCH NECESSARY TO COMPLY WITH OH&S REGULATION REQUIREMENTS. THE SIDES ARE NOT TO BE LOADED & SHALL BE KEPT CLEAR OF LOOSE MATERIAL ETC. SAFE ACCESS & EGRESS SHALL BE PROVIDED AT ALL TIMES.

2. THE TRENCH SHALL BE EXCAVATED TO A WIDTH 1.4 TIMES THE EXTERNAL DIAMETER OF THE PIPE, OR TO THE EXTERNAL DIAMETER OF THE PIPE PLUS 300mm ON EACH SIDE, WHICHEVER IS THE GREATER.

NOTE

1. STANDARD GULLY PITS REFER TO LIVERPOOL CITY COUNCIL STANDARD DRAWINGS FOR DETAILS

FOR INLET SIZE, PIT CHAMBER SIZE AND SETOUT REFER TO STORMWATER LONGITUDINAL SECTIONS.

2. REINFORCING MESH IS TO BE BENT TO LAP 300 AROUND ALL CORNERS. VERTICAL BARS ARE NOT TO BE CUT. ALTERNATELY PROVIDE N12 "L" BARS (500x500) AT 400 VERTICAL CTS.

3. COMPRESSIVE STRENGTH (F'c) FOR CAST IN SITU CONCRETE SHALL BE A MINIMUM 32 MPa AT 28 DAYS.

4. TOP OF BENCHING SHALL BE ½ OF OUTLET PIPE DIAMETER.

5. 100mm SUBSOIL DRAINAGE PIPE 3000 LONG WRAPPED IN FABRIC SOCK TO BE PROVIDE ADJACENT TO INLET PIPES.

6. ALL PITS SHALL BE PROVIDED WITH A LOCKING CLIP.

7. PIT GRATE TO BE 'WELDLOK' GULLY GRATE GG 78-50 OR APPROVED EQUIVALENT.

8. DURING INSTALLATION OF GRATE AND FRAME CONTRACTOR IS TO ENSURE CLEARANCE BETWEEN LINTEL AND OPENED GRATE (REFER TO INSTALLATION TOLERANCE).

9. PROVIDE STEP IRONS AS INDICATED FOR PITS DEEPER THAN 1200.

10. N12 AT 200 CENTRALLY PLACED MAY BE USED IN LIEU OF MESH. LAP 500 AT CORNERS

11. MINIMUM REINFORCEMENT COVER TO BE 45mm UNLESS NOTED OTHERWISE

15. CHAMBER DEPTH EXCEEDING 2m IN HEIGHT WILL BE DESIGNED AND APPROVED BY STRUCTURAL ENGINEER

16. CONCRETE STRENGTH: - UNLESS NOTED OTHERWISE

ELEMENT	f'c MPa (28 DAYS)	SLUMP	MAX AGG SIZE	CEMENT TYPE
PITS	32	80mm	20mm	GP

Bar Scales

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION
A1

File Name: 20-781-C225.dwg

		Drawn	TK
		Designed	FX
Height Datum	AHD	Checked	AT
Grid	MGA	Approved	AT

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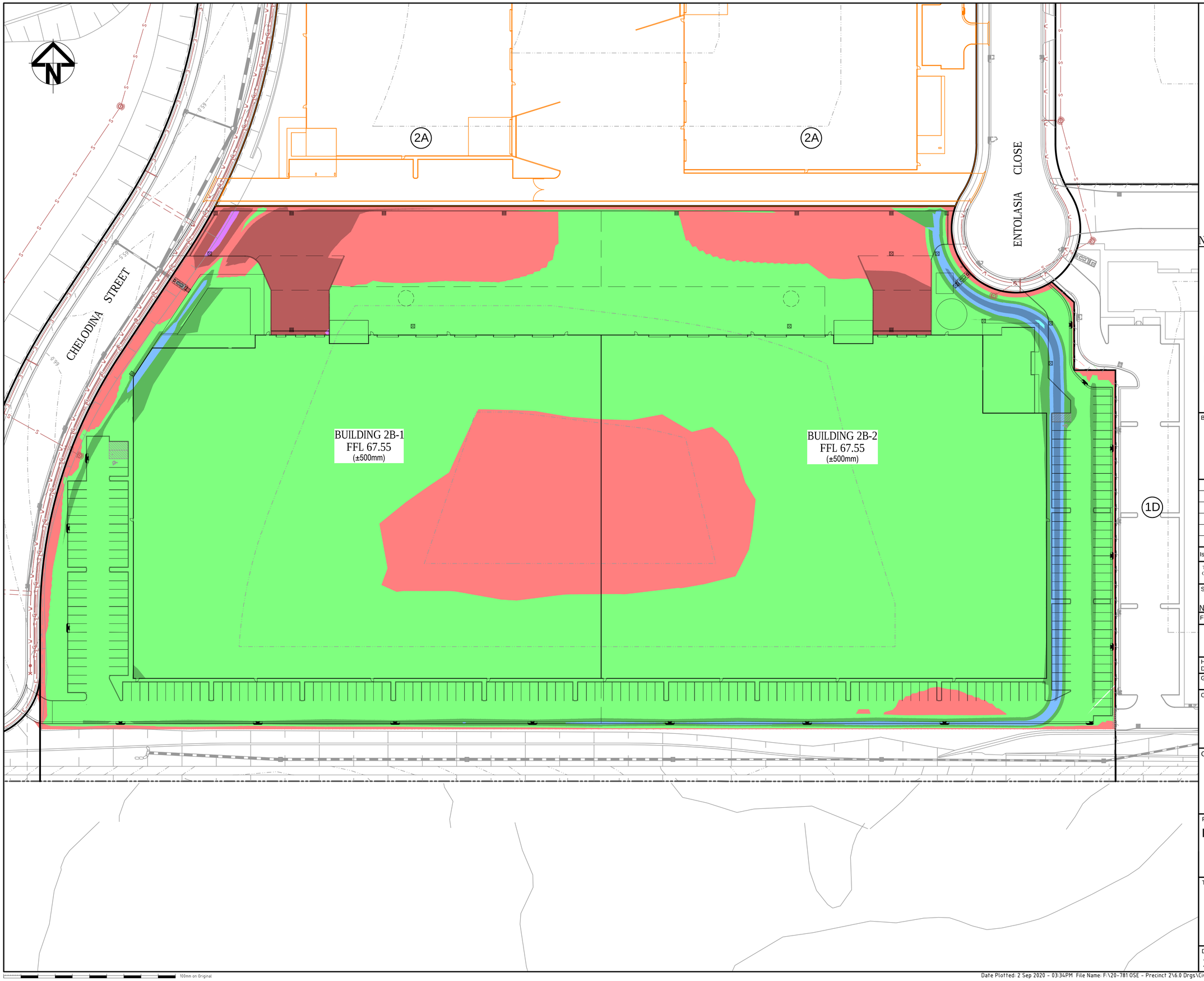
Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

Title
STORMWATER DRAINAGE DETAILS

Drawing No. 20-781-C225
Issue A

100mm on Original

Document Set ID: 9349374
Version: 1, Version Date: 26/10/2020



CUT\FILL DEPTH RANGE LEGEND

Lower_value		Upper_value	Colour
-2.0	to	-1.5 m	
-1.5	to	-1.0 m	
-1.0	to	-0.5 m	
-0.5	to	0.0 m	
0.0	to	0.5 m	
0.5	to	1.0 m	
1.0	to	1.5 m	
1.5	to	2.0 m	
2.0	to	2.5 m	

NOTES

1. ASSUMED NO TOP SOIL STRIPING
2. THE VOLUMES DO NOT TAKE INTO ACCOUNT THE FOLLOWING :-
   - BULKING FACTORS OF REMOVED CUT
   - REMOVAL AND\OR REMEDIATION OF ANY EXISTING UNCONTROLLED FILL
   - PROPOSED LANDSCAPING
3. ASSUMED 300mm PAVEMENT DEPTH

EARTHWORKS VOLUMES

CUT (m³)	FILL (m³)	BALANCE (m³)
-2,000	+8,600	+6,600 (IMPORT)

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status: FOR APPROVAL
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File Name: 20-781-C230.dwg

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Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

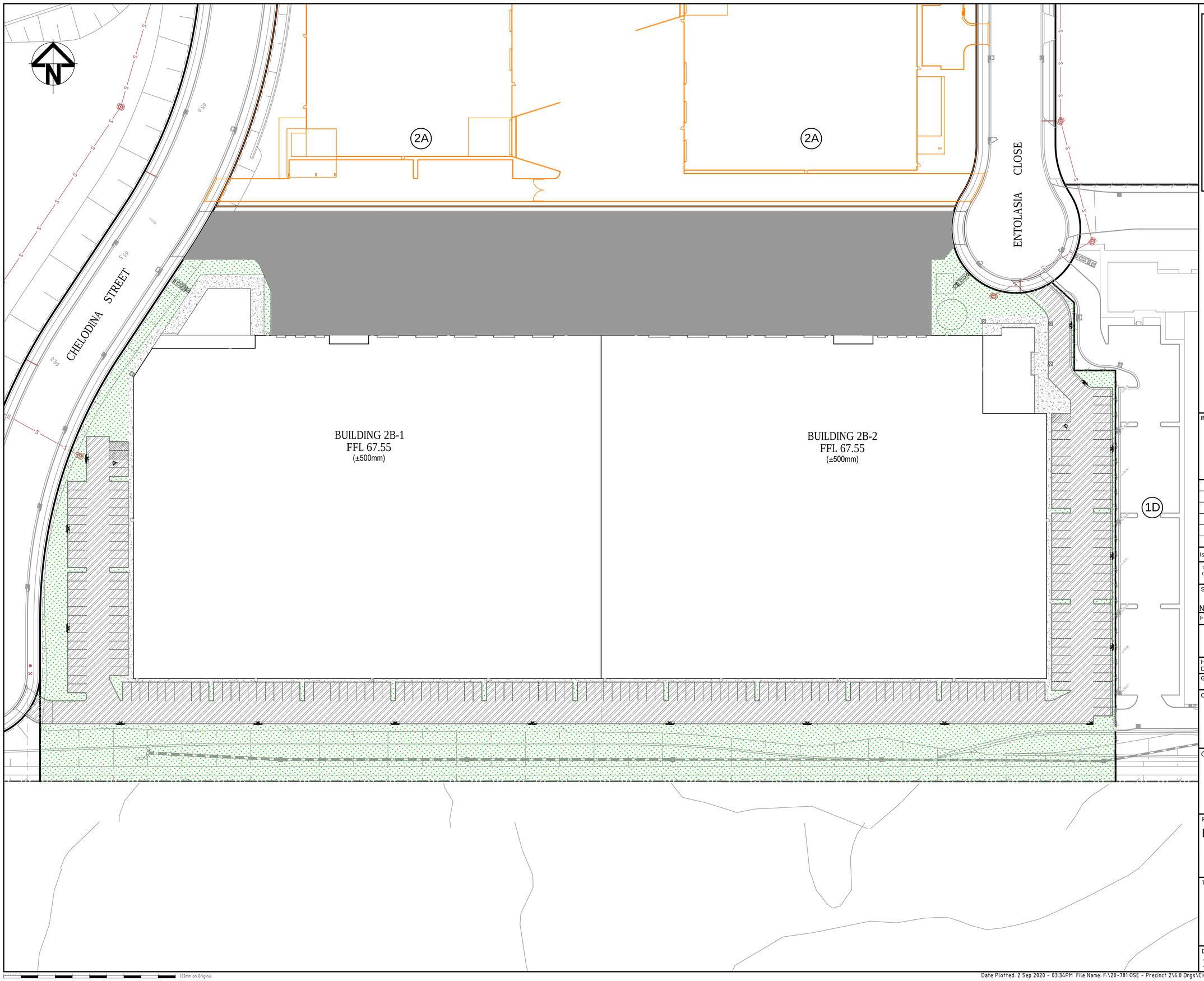
Title
BULK EARTHWORKS
CUT/FILL PLAN

Drawing No. 20-781-C230

Issue A

100mm on Original

Date Plotted: 2 Sep 2020 - 03:34PM File Name: F:\20-781 OSE - Precinct 2\6.0 Drgs\Civil\DA-Drawings\200 Series - Lot 2B\20-781-C230.dwg V1



PAVEMENT LEGEND

- HEAVY DUTY RIGID PAVEMENT
- ASPHALT PAVEMENT
- LANDSCAPE
- FOOTPATH

Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

File Name: 20-781-C235.dwg

		Drawn	TK
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Grid	MGA	Approved	AT

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Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

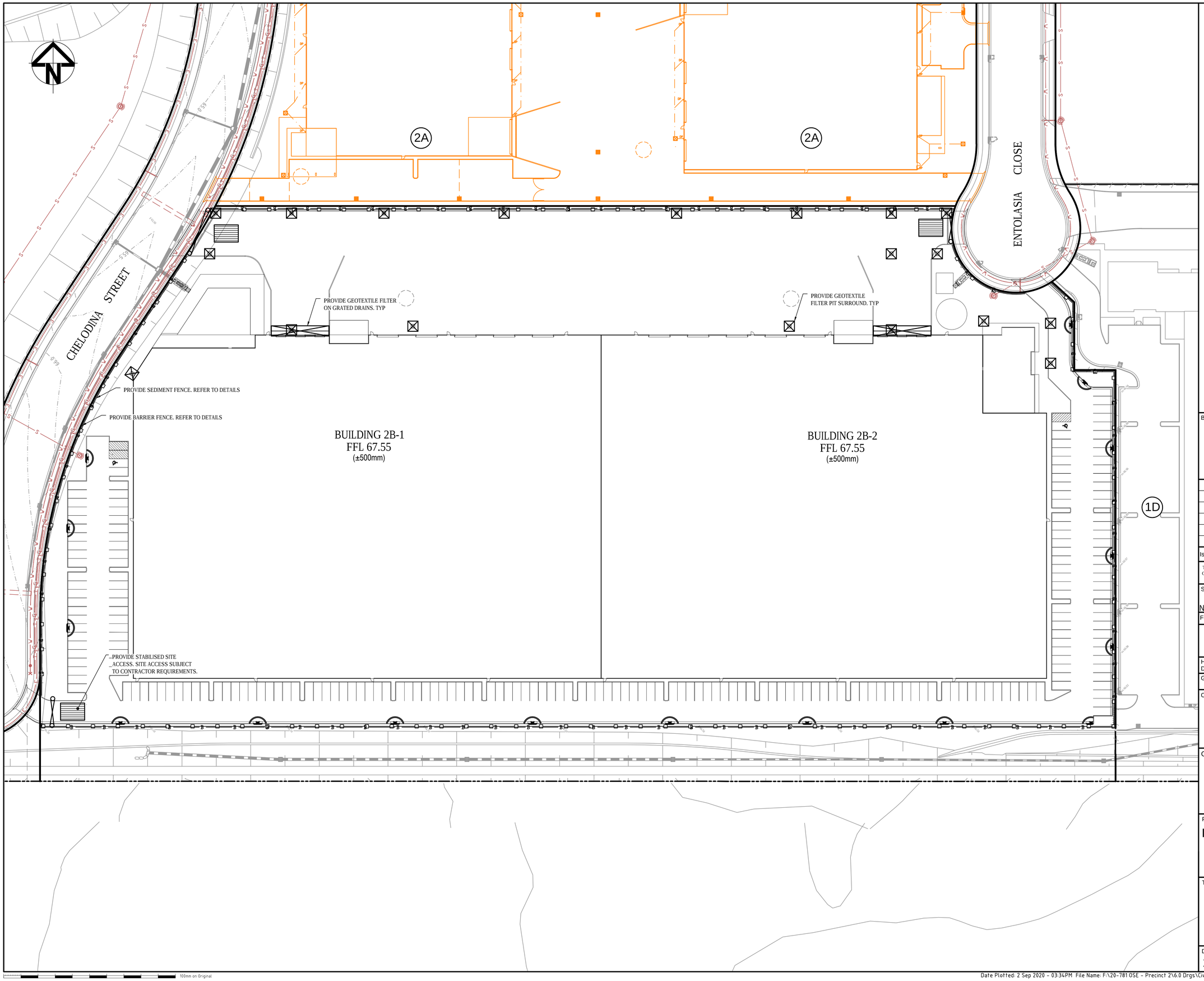
Title
PAVEMENT PLAN

Drawing No. 20-781-C235

Issue A

100mm on Original

Date Plotted: 2 Sep 2020 - 03:34PM File Name: F:\20-781 OSE - Precinct 2\6.0 Drgs\Civil\DA-Drawings\200 Series - Lot 2B\20-781-C235.dwg V1



Bar Scales

0 10 20 30 40

1 : 500 @ A1 1 : 1000 @ A3

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

File Name: 20-781-C240.dwg

		Drawn	TK
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Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

Title
EROSION AND SEDIMENT CONTROL PLAN

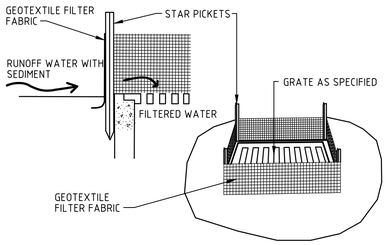
Drawing No. 20-781-C240

Issue A

100mm on Original

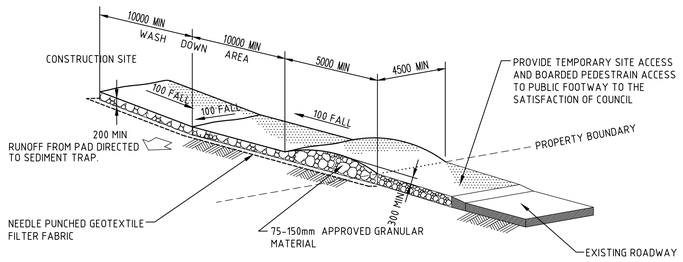
Date Plotted: 2 Sep 2020 - 03:34PM File Name: F:\20-781 OSE - Precinct 2\6.0 Drgs\Civil\DA-Drawings\200 Series - Lot 2B\20-781-C240.dwg V1

Document Set ID: 9349374
Version: 1, Version Date: 26/10/2020



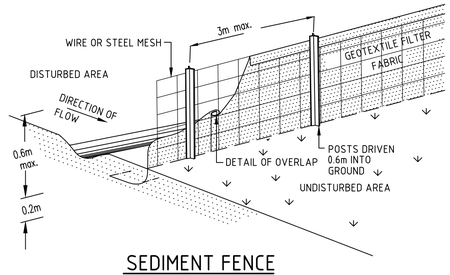
GEOTEXTILE FILTER PIT SURROUND

NTS



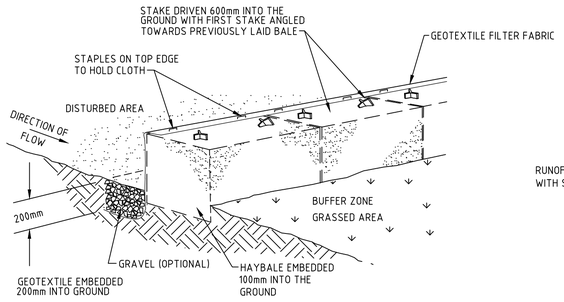
STABILISED SITE ACCESS AND TRUCK WASH DOWN AREA

NTS



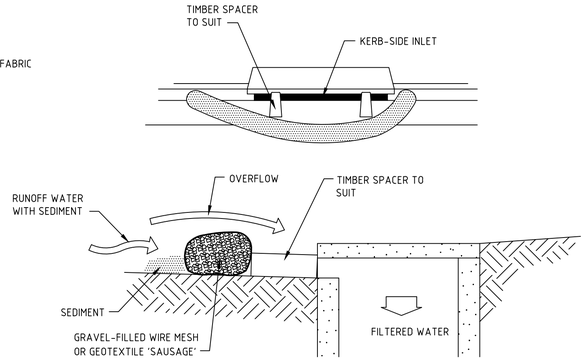
SEDIMENT FENCE

NTS



HAYBALE AND GEOTEXTILE SEDIMENT FILTER

NTS



MESH AND GRAVEL INLET FILTER

NTS

Bar Scales

Issue	Description	Date
A	ISSUED FOR DA APPROVAL	02-09-20

Status: FOR APPROVAL
NOT TO BE USED FOR CONSTRUCTION

A1

File Name: 20-781-C245.dwg

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Project
INDUSTRIAL DEVELOPMENT
OAKDALE SOUTH
LOT 2B

Title
EROSION AND SEDIMENT CONTROL DETAILS

Drawing No. 20-781-C245

Issue A

100mm on Original

Date Plotted: 2 Sep 2020 - 03:34PM File Name: F:\20-781 OSE - Precinct 2\6.0 Drgs\Civil\DA-Drawings\200 Series - Lot 2B\20-781-C245.dwg V1