BRENTWOOD AGED CARE

28 GLEBE STREET, PARRAMATTA, NSW 2150
CIVIL ENGINEERING PACKAGE

LOCALITY PLAN

IMAGE SOURCE : SIXMAPS

DRAWING LIST

DWG No.	DRAWING TITLE
DA-C01.01	COVER SHEET, DRAWING LIST AND LOCALITY PLAN
DA-C02.01	EROSION AND SEDIMENT CONTROL PLAN
DA-C03.01	BULK EARTHWORKS PLAN
DA-C04.01	CIVIL WORKS PLAN - GROUND FLOOR
DA-C04.11	CIVIL WORKS PLAN - LEVEL 1
DA-C05.01	CIVIL DETAILS - SHEET 1

DRAWN: R.HUTCHSON DESIGNED: R.JEANS JOB MANAGER: R.JEANS VERIFIER: C.PIPER

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REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE
1	ISSUED FOR INFORMATION	R.H		R.J	05.03.21
2	ISSUED FOR INFORMATION	R.H		R.J	13.04.21
A	ISSUED FOR DA	R.H	C.P	R.J	03.05.21
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C	ISSUED FOR DA	R.H	C.P	R.J	21.10.21
D	ISSUED FOR APPROVAL	R.H	C.P	R.J	14.03.22

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ARCHITECT: GROUPGSA

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ABN 81 094 433 100

PROJECT: BRENTWOOD AGED CARE
28 GLEBE STREET, PARRAMATTA, NSW 2150

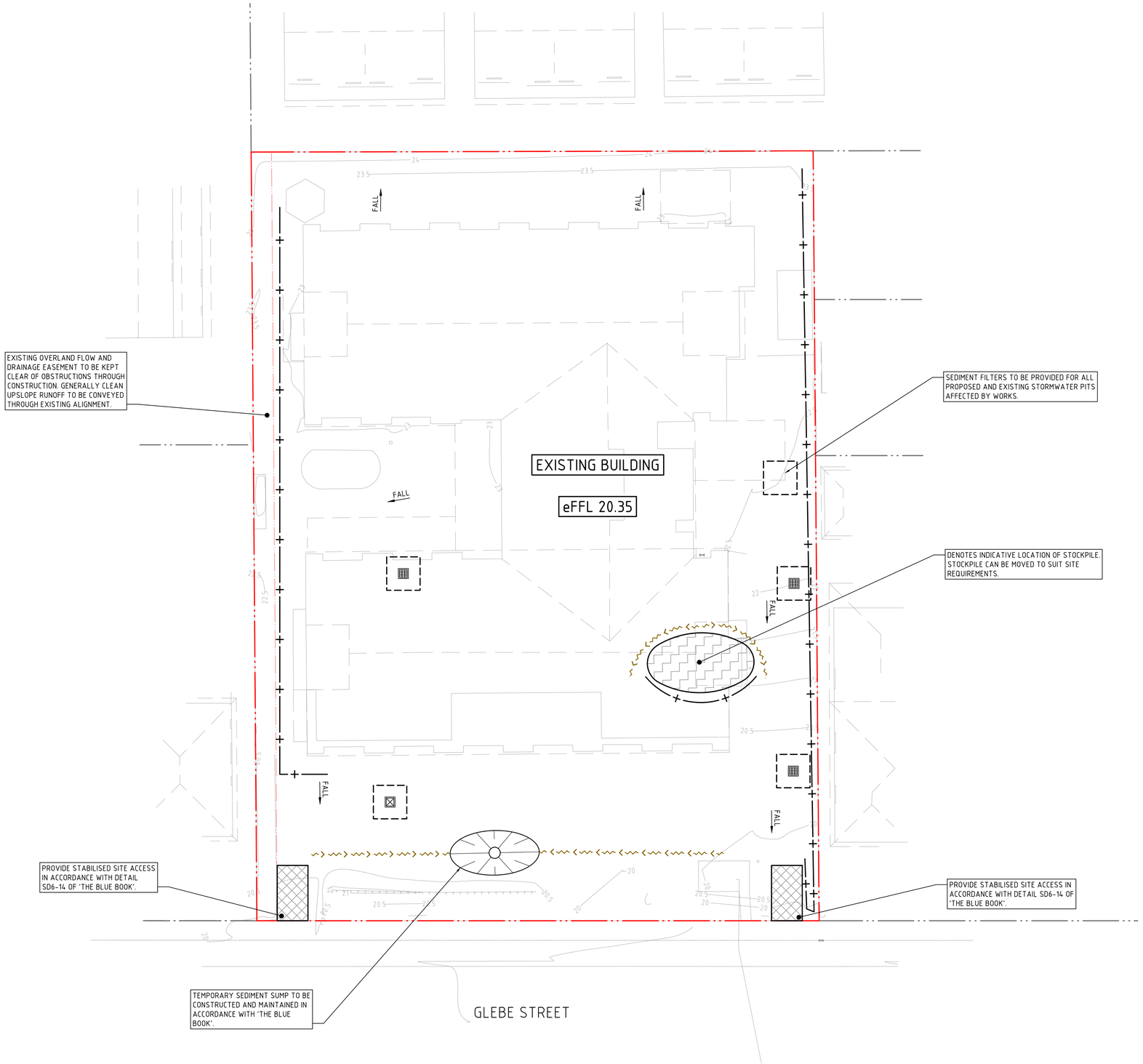
DRAWING TITLE: CIVIL ENGINEERING PACKAGE
COVER SHEET, DRAWING LIST AND LOCALITY PLAN

JOB NUMBER: NL203407

DRAWING NUMBER: DA-C01.01

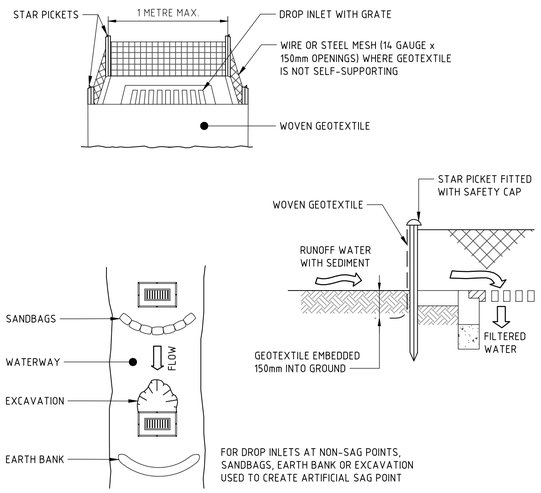
REVISION: D

DRAWING SHEET SIZE = A1



LEGEND

- SITE BOUNDARY LINE
- EXISTING BOUNDARY LINE
- EASEMENT LINE
- EXISTING CONTOURS
- SEDIMENT FENCE
- DIVERSION DRAIN (DIRTY)
- FALL — DIRECTION OF FALL IN EXISTING SURFACE
- STABILISED SITE ACCESS
- STOCKPILE
- SEDIMENT SUMP
- eFFL 20.35 — EXISTING FIRST FLOOR LEVEL
- DROP INLET SEDIMENT FILTER



CONSTRUCTION NOTES

1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
2. FOLLOW STANDARD DRAWING 6-7 AND STANDARD DRAWING 6-8 FOR INSTALLATION PROCEDURES FOR THE STRAW BALES OR GEOFABRIC. REDUCE THE PICKET SPACING TO 1 METRE CENTRES.
3. IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
4. DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.

GEOTEXTILE INLET FILTER (SD 6-12)

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SCALE 1:200@ A1 — 0 2 4 6 8 10m

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PROJECT: BRENTWOOD AGED CARE
28 GLEBE STREET, PARRAMATTA, NSW 2150

DRAWING TITLE: CIVIL ENGINEERING PACKAGE
EROSION AND SEDIMENT CONTROL PLAN

JOB NUMBER: NL203407

DRAWING NUMBER: DA-C02.01 REVISION: D

DRAWING SHEET SIZE = A1

LEGEND

	PROPOSED BOUNDARY LINE
	EXISTING BOUNDARY LINE
	EASEMENT LINE
• BEXX.XX	BULK EARTHWORKS SPOT HEIGHT
+ eRLXX.XX	EXISTING SPOT HEIGHT
FALL	DIRECTION OF GRADE
XX.XX	EXISTING CONTOURS
	STRUCTURAL RETAINING WALL

DEPTH OF CUT

	- 3.0m PLUS
	- 2.0m TO - 3.0m
	- 1.0m TO - 2.0m
	- 0.0m TO - 1.0m

DEPTH OF FILL

	+ 0.0m TO + 1.5m

CONCEPT BULK EARTHWORKS NOTES

1. CONCEPT BULK EARTHWORKS LEVELS SHOWN ARE BASED ON THE FOLLOWING DEPTH ALLOWANCES:

CONCRETE VEHICLE PAVEMENT = 220mm
BUILDING SLAB = 200mm
LANDSCAPING = 300mm

2.THE APPROXIMATE SITE EARTHWORKS VOLUMES BASED ON THE NOTED DEPTHS ARE OUTLINED BELOW:

CUT: 4390 m^3
FILL: 0 m^3
FILM: 4390 m^3 EXCESS

NOTE THAT THE ABOVE CALCULATIONS HAVE BEEN UNDERTAKEN WITH A 2D ANALYSIS.

3. ALL EARTHWORKS TO BE UNDERTAKEN IN ACCORDANCE WITH THE SITE SPECIFIC GEOTECHNICAL REPORT PREPARED BY STS GEOTECHNICS (REF# 21/0363) AND UNDER THE SUPERVISION OF A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER.

4. ADDITIONAL EXCAVATION MAY BE REQUIRED IN ORDER TO REMOVE CONTAMINATED OR UNSUITABLE MATERIAL.

5. EXCAVATION OF UP TO 4m IS EXPECTED IN UNDERLYING ROCK MATERIAL.

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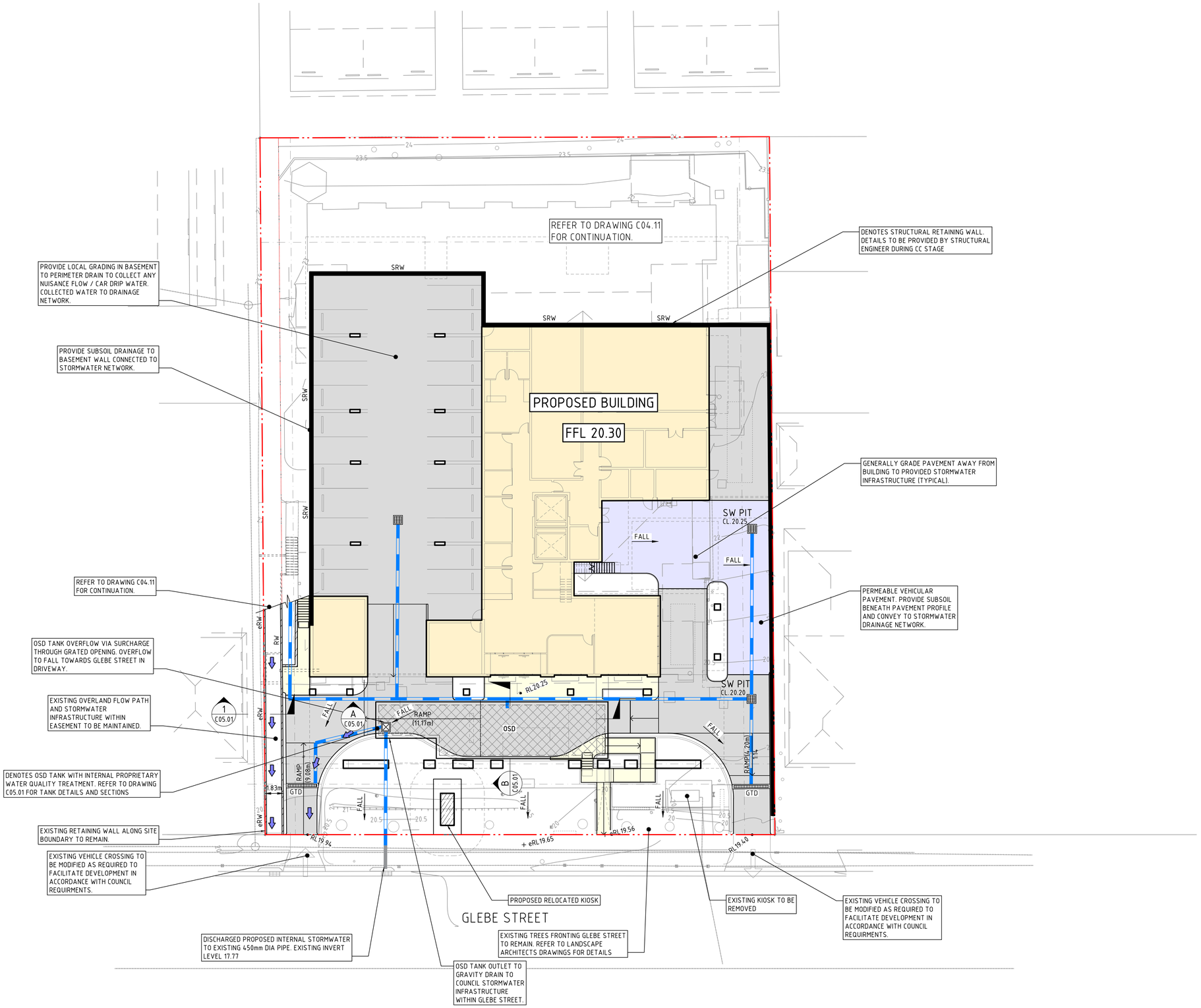
PROJECT: BRENTWOOD AGED CARE
28 GLEBE STREET, PARRAMATTA, NSW 2150

DRAWING TITLE: CIVIL ENGINEERING PACKAGE
BULK EARTHWORKS PLAN

JOB NUMBER: NL203407
DRAWING NUMBER: DA-C03.01
REVISION: D
DRAWING SHEET SIZE = A1



LEGEND

- PROPOSED BOUNDARY LINE
- EXISTING BOUNDARY LINE
- EASEMENT LINE
- STORMWATER PIPE
- PRECAST CONCRETE GRATED INLET PIT (NEW / EXTG)
- KERB INLET PIT (NEW / EXTG)
- GTD — GRATED TRENCH DRAIN
- SW PIT CL.XX.XX — STORMWATER PIT TAG COVER LEVEL
- OSD — ON-SITE DETENTION TANK
- EXISTING CONTOURS
- RL18.70 — PROPOSED SPOT HEIGHT
- eRL18.70 — EXISTING SPOT HEIGHT
- FALL — DIRECTION OF GRADE
- OVERLAND FLOW PATH
- FFL 18.70 — FINISHED FLOOR LEVEL
- RW — RETAINING WALL
- eRW — EXISTING RETAINING WALL
- SRW — STRUCTURAL RETAINING WALL
- VEHICULAR PAVEMENT
- PERMEABLE VEHICULAR PAVEMENT
- CONCRETE FOOTPATH PAVEMENT
- PROPOSED ELECTRICAL KIOSK

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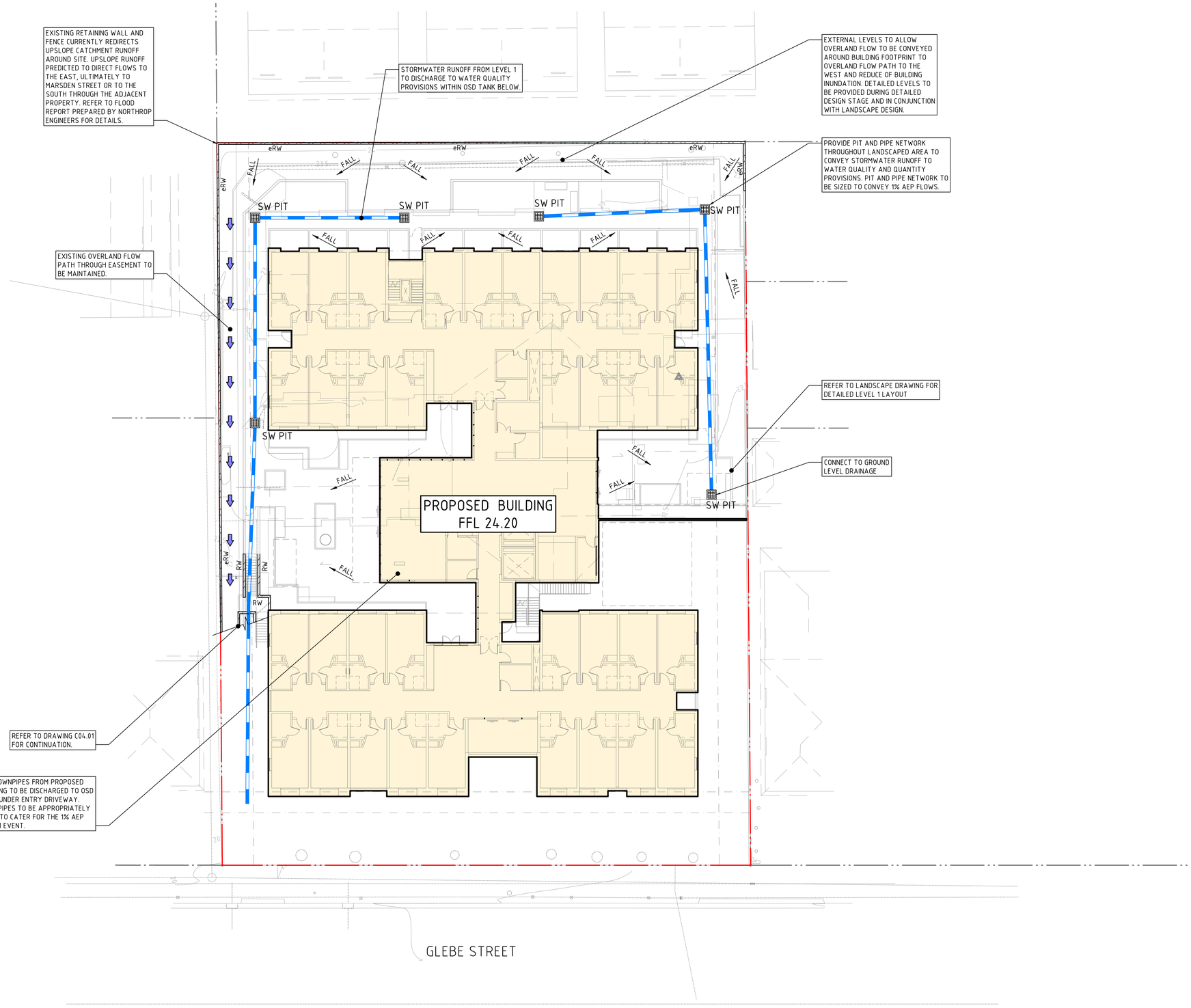
DRAWING TITLE: CIVIL ENGINEERING PACKAGE
CIVIL WORKS PLAN - GROUND FLOOR

JOB NUMBER: NL203407

DRAWING NUMBER: DA-C04.01 — REVISION: D

DRAWING SHEET SIZE = A1



LEGEND

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- EXISTING BOUNDARY LINE
- EASEMENT LINE
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- PRECAST CONCRETE GRATED INLET PIT (NEW / EXTG)
- KERB INLET PIT (NEW / EXTG)
- SW PIT — STORMWATER PIT TAG COVER LEVEL
- DP — DOWNPIPE
- DOWNPIPE DRAINAGE LINE
- OSD — ON-SITE DETENTION TANK
- EXISTING CONTOURS
- RL18.70 — PROPOSED SPOT HEIGHT
- eRL18.70 — EXISTING SPOT HEIGHT
- FALL — DIRECTION OF GRADE
- OVERLAND FLOW PATH
- FFL 22.70 — FINISHED FLOOR LEVEL
- RW — RETAINING WALL
- eRW — EXISITNG RETAINING WALL
- CONCRETE FOOTPATH PAVEMENT

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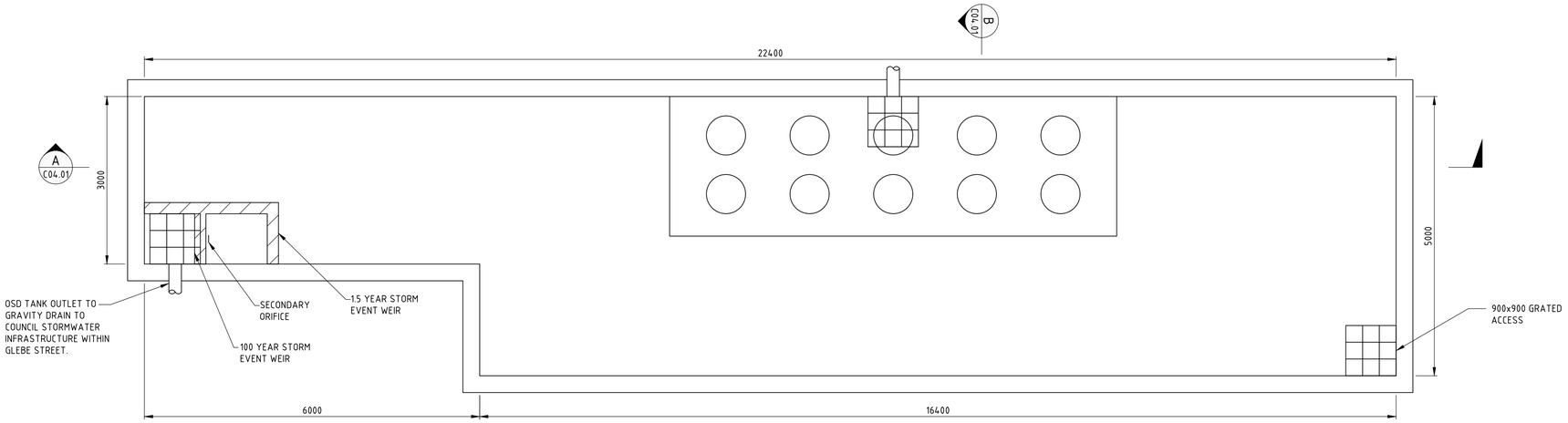
DRAWING TITLE: CIVIL ENGINEERING PACKAGE
CIVIL WORKS PLAN - LEVEL 1

JOB NUMBER: NL203407

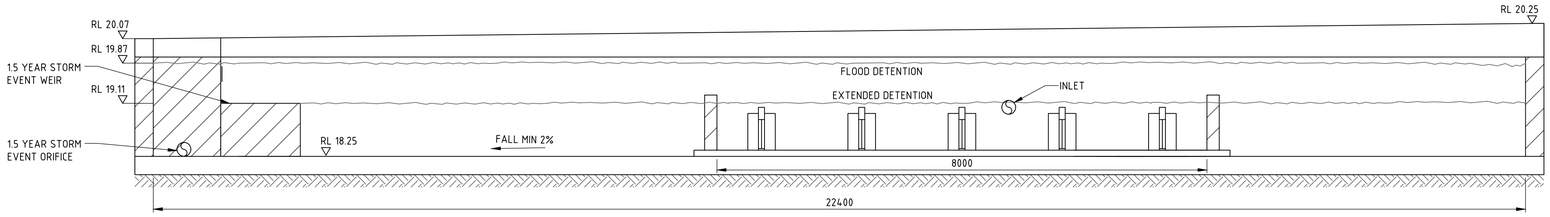
DRAWING NUMBER: DA-C04.11

REVISION: D

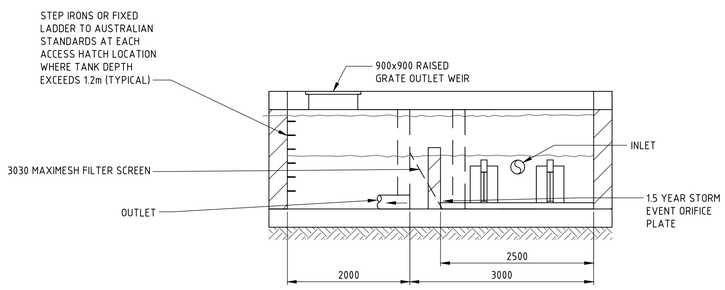
DRAWING SHEET SIZE = A1



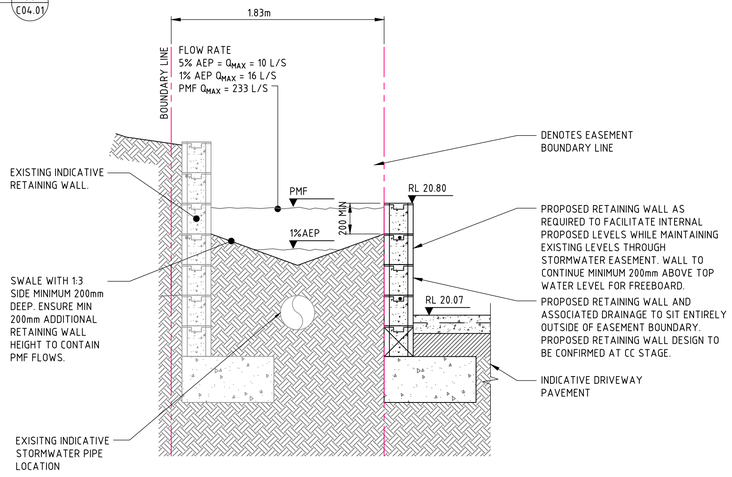
PLAN VIEW



SECTION A C04.01
SCALE 1:50



SECTION B C04.01
SCALE 1:50



OVERLAND FLOWPATH TYPICAL SECTION
SECTION 1

NOTES:
1. FLOW DEPTHS EXTRACTED FROM NORTHROP FLOOD IMPACT AND RISK ASSESSMENT REVISION A.
2. FLOW DEPTHS HAVE BEEN CALCULATED USING MANNINGS EQUATION WITH A ROUGHNESS COEFFICEINT OF 0.05 AND A SLOPE OF 1% WHICH IS CONSIDERED CONSERVATIVE.

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SCALE 1:20 @ A1 — 0.0 0.2 0.4 0.6 0.8 1.0m
SCALE 1:50 @ A1 — 0.0 0.5 1.0 1.5 2.0 2.5m

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DRAWING TITLE: CIVIL ENGINEERING PACKAGE
CIVIL DETAILS - SHEET 1

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DRAWING NUMBER: DA-C05.01
REVISION: E
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