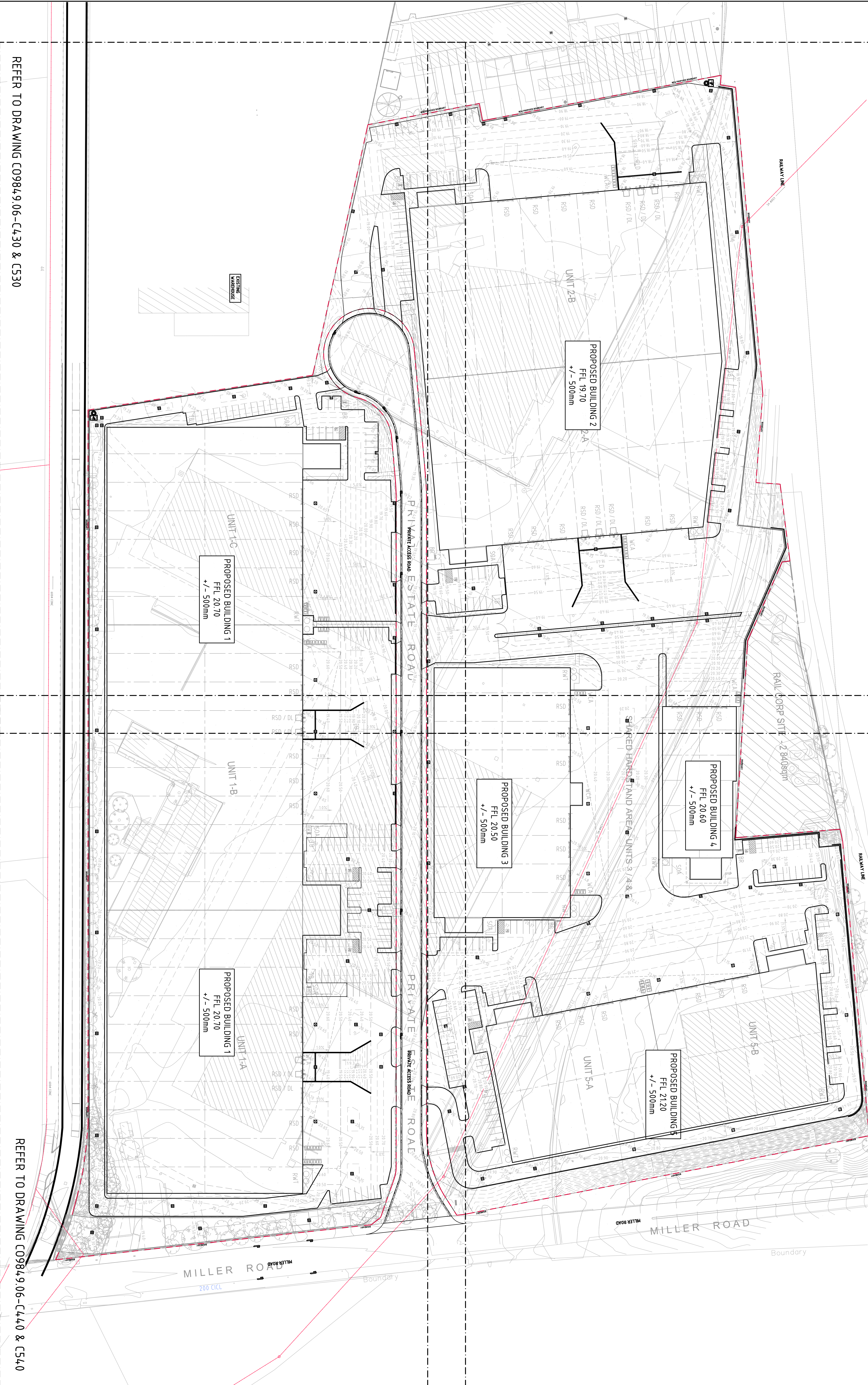


REFER TO DRAWING C0984.9.06-C410 & C510

REFER TO DRAWING C0984.9.06-C420 & C520



REFER TO DRAWING C0984.9.06-C430 & C530

REFER TO DRAWING C0984.9.06-C440 & C540



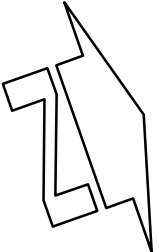
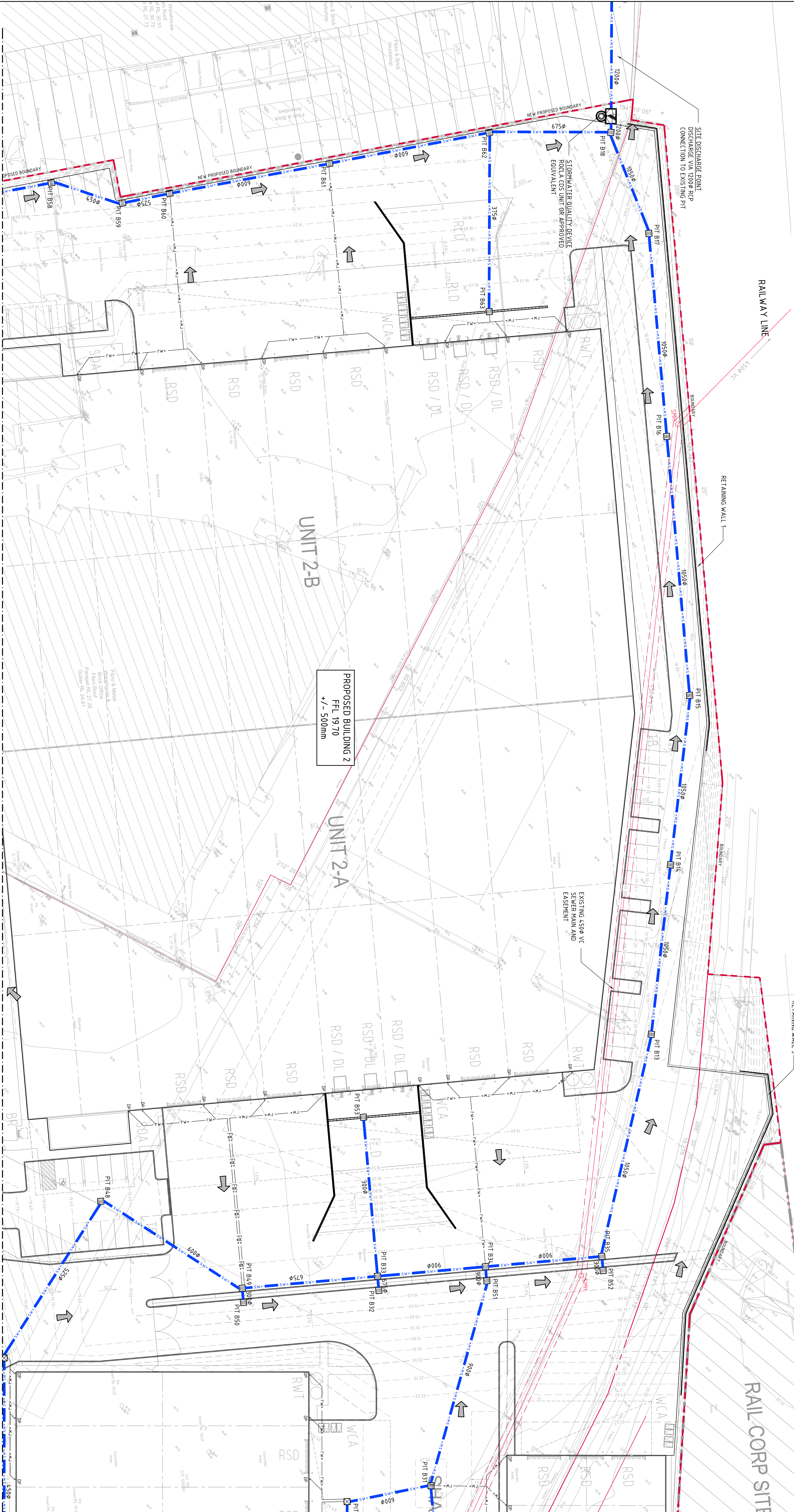
FOR DEVELOPMENT APPLICATION

REVISIONS	REVISIONS	DATE	BY	REASON
	1	2019.03	D	ISSUED FOR DEVELOPMENT APPLICATION
	2	2019.03	C	ISSUED FOR DEVELOPMENT APPLICATION
	3	2019.03	A	ISSUED FOR DEVELOPMENT APPLICATION
ARCHITECT				
AMIS ARCHITECTURAL				
4/712 Cordelia Street				
Sydney NSW 2150				
P: 02 9551 3333				
F: 02 9551 3334				
www.amisarchitectural.com.au				
LOGOS				
PROJECT				
WAREHOUSE STORAGE AND DISTRIBUTION				
246 MILLER ROAD, VILLAWOOD NSW				
CONSULTANT				
Costin Roe Consulting Pty Ltd				
Consulting Engineers				
The Hub 8th Floor Kye (80) 844-2701				
email: info@costinroe.com.au				
PRECISION COMMUNICATION ACCOUNTABILITY				
DRAWING TITLE				
SITE KEY PLAN				
DRAWING NO				
C0984.9.06-DA4.00				

LEGEND:
LEVELS DATUM IS AHD.
EXISTING SITE LEVELS AND DETAILS BASED ON SURVEY
INFORMATION PROVIDED BY MICHAEL S. DUNN SURVEYING DATED
16.09.08.

- SGGP, SINGLE GRATED GULLY PIT
- SJP, SEALED JUNCTION PIT
- KIP, KERB INLET PIT
- GD, GRATED DRAIN (300W x 225D UNO)
- PROPOSED DRAINAGE LINE
- EXISTING SEWER LINE
- EXISTING DRAINAGE LINE
- SUBSOIL LINE
- OVERLAND FLOW DIRECTION
- FINISHED PAVEMENT CONTOUR (MAJOR) 0.5m INTERVALS
- FINISHED PAVEMENT CONTOUR (MINOR) 0.1m INTERVALS

PIT SCHEDULE
REFER TO DRAWING DA420 FOR PIT SCHEDULE



CONCEPT STORMWATER DRAINAGE PLAN - SHEET 1
SCALE 1:250

BREAKLINE - REFER TO DRAWING DA430 FOR CONTINUATION

BREAKLINE - REFER TO DRAWING DA420 FOR CONTINUATION

FOR DEVELOPMENT APPLICATION

DESIGNED BY	21/12/20	D	REVISIONS	DATE	ISSUE
DRAWN BY	21/12/20	C	REVISIONS	DATE	ISSUE
CHECKED BY	21/12/20	A	REVISIONS	DATE	ISSUE
APPROVED BY	21/12/20	A	REVISIONS	DATE	ISSUE

ARCHITECT	ANIS ARCHITECTURAL	ENGINEER	COSTIN ROE CONSULTING
4/712 Cordelia Street	4/712 Cordelia Street	4/712 Cordelia Street	4/712 Cordelia Street
Perth, Western Australia 6000	Perth, Western Australia 6000	Perth, Western Australia 6000	Perth, Western Australia 6000
Phone: 08 9438 3333	Phone: 08 9438 3333	Phone: 08 9438 3333	Phone: 08 9438 3333
Email: info@anisarchitectural.com.au	Email: info@anisarchitectural.com.au	Email: info@anisarchitectural.com.au	Email: info@anisarchitectural.com.au

LOGOS	WAREHOUSE STORAGE AND DISTRIBUTION	COSTIN ROE CONSULTING
246 MILLER ROAD, VILLAWOOD NSW	246 MILLER ROAD, VILLAWOOD NSW	246 MILLER ROAD, VILLAWOOD NSW
NSW 2157	NSW 2157	NSW 2157
Phone: 02 9638 1234	Phone: 02 9638 1234	Phone: 02 9638 1234
Email: info@warehousestorage.com.au	Email: info@warehousestorage.com.au	Email: info@warehousestorage.com.au

PRECISION	COMMUNICATION	ACCOUNTABILITY
PRECISION	COMMUNICATION	ACCOUNTABILITY
PRECISION	COMMUNICATION	ACCOUNTABILITY

DRAWING TITLE	CONCEPT STORMWATER DRAINAGE PLAN - SHEET 1
PROJECT NO.	C09849.06- DA4.10
DATE	21/12/20

PIT SCHEDULE - SYSTEM A

PIT No.	GRATE RL	TYPE	SIZE	COMMENT
PIT A1	20.35	SGGP	900x900	
PIT A2	20.35	SGGP	900x900	
PIT A3	20.65	SGGP	900x900	
PIT A4	20.60	SGGP	900x900	
PIT A5	20.65	SGGP	900x900	
PIT A6	19.30	SGGP	900x900	
PIT A7	20.65	SGGP	900x900	
PIT A8	20.35	SGGP	900x900	
PIT A9	20.25	SGGP	900x900	
PIT A10	20.30	SGGP	900x900	
PIT A11	20.25	SGGP	900x900	
PIT A12	20.65	SGGP	900x900	
PIT A13	20.10	SGGP	900x900	
PIT A14	20.10	SJP	900x900	
PIT A15	19.35	SGGP	900x900	
PIT A16	20.65	SGGP	900x900	
PIT A17	20.65	SGGP	900x900	
PIT A18	20.65	SGGP	900x900	
PIT A19	19.45	SGGP	900x900	
PIT A20	19.85	SGGP	900x900	
PIT A21	20.10	SGGP	900x900	
PIT A22	20.10	SGGP	900x900	
PIT A23	20.10	SGGP	900x900	
PIT A24	20.10	SGGP	900x900	
PIT A25	20.10	SGGP	900x900	
PIT A26	20.10	SGGP	900x900	
PIT A27	19.90	SGGP	900x900	
PIT A28	19.70	SGGP	900x900	
PIT A29	19.50	SGGP	900x900	
PIT A30	19.30	SGGP	1200x1200	
PIT A31	19.10	SGGP	1200x1200	
PIT A32	19.10	SGGP	1200x1200	
PIT A33	19.10	SGGP	1500x1500	
PIT A34	19.10	SGGP	1200x1200	
PIT A35	19.10	SGGP	1200x1200	
PIT A36	19.05	SGGP	1200x1200	
PIT A37	19.05	SGGP	1200x1200	
PIT A38	19.35	SGGP	900x900	

PIT SCHEDULE - SYSTEM B

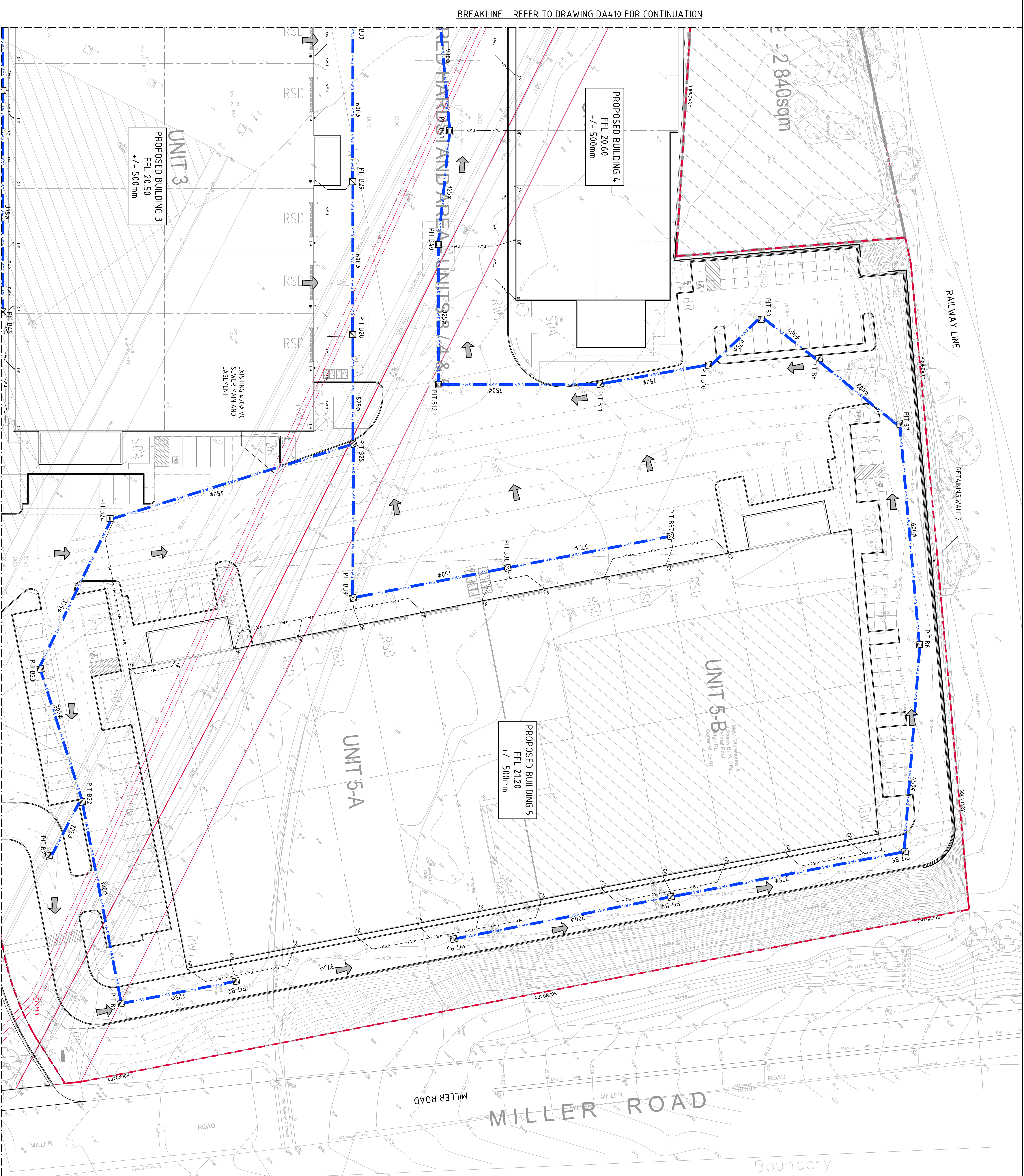
PIT No.	GRATE RL	TYPE	SIZE	COMMENT
PIT B1	20.47	KIP	900x900	1800 LINTEL
PIT B2	20.14	KIP	900x900	1800 LINTEL
PIT B3	19.78	KIP	900x900	1800 LINTEL
PIT B4	19.44	KIP	900x900	1800 LINTEL
PIT B5	19.22	KIP	1200x1200	1800 LINTEL
PIT B6	19.07	KIP	1200x1200	1800 LINTEL
PIT B7	18.98	KIP	1200x1200	1800 LINTEL
PIT B8	18.89	KIP	1200x1200	1800 LINTEL
PIT B9	18.73	KIP	900x900	1800 LINTEL

PIT SCHEDULE - SYSTEM C

PIT No.	GRATE RL	TYPE	SIZE	COMMENT
PIT C1	19.73	SGGP	1200x1200	
PIT C2	19.51	SGGP	1200x1200	
PIT C3	19.30	SGGP	1200x1200	

PIT SCHEDULE - SYSTEM B

PIT No.	GRATE RL	TYPE	SIZE	COMMENT
PIT B1	20.80	SGGP	900x900	
PIT B2	20.80	SGGP	900x900	
PIT B3	20.80	SGGP	900x900	
PIT B4	20.80	SGGP	900x900	
PIT B5	20.39	SGGP	900x900	
PIT B6	20.39	SGGP	900x900	
PIT B7	20.39	SGGP	900x900	
PIT B8	20.40	SGGP	900x900	
PIT B9	20.25	SGGP	1200x1200	
PIT B10	20.40	SGGP	1200x1200	
PIT B11	20.40	SGGP	1200x1200	
PIT B12	20.41	SGGP	1200x1200	
PIT B13	19.09	SGGP	1500x1500	
PIT B14	18.93	SGGP	1500x1500	
PIT B15	18.78	SGGP	1500x1500	
PIT B16	18.54	SGGP	1500x1500	
PIT B17	18.30	SGGP	1500x1500	
PIT B18	18.22	SGGP	1500x1500	
PIT B19	NOT USED			
PIT B20	NOT USED			
PIT B21	20.77	SGGP	900x900	
PIT B22	20.64	SGGP	900x900	
PIT B23	20.35	SGGP	900x900	
PIT B24	20.10	SGGP	900x900	
PIT B25	20.46	SGGP	900x900	
PIT B26	NOT USED			
PIT B27	NOT USED			
PIT B28	20.43	SJP	900x900	
PIT B29	20.43	SJP	900x900	
PIT B30	20.43	SJP	900x900	
PIT B31	20.15	SGGP	1200x1200	
PIT B32	19.30	SGGP	900x900	
PIT B33	19.30	SGGP	1200x1200	
PIT B34	19.30	SGGP	1200x1200	
PIT B35	19.30	SGGP	1200x1200	
PIT B36	NOT USED			
PIT B37	21.15	SJP	900x900	
PIT B38	21.15	SJP	900x900	
PIT B39	21.15	SJP	900x900	
PIT B40	20.15	SGGP	1200x1200	
PIT B41	20.15	SGGP	1200x1200	
PIT B42	NOT USED			
PIT B43	NOT USED			
PIT B44	NOT USED			
PIT B45	20.38	SJP	900x900	
PIT B46	20.17	SJP	900x900	
PIT B47	19.93	SJP	900x900	
PIT B48	19.35	SGGP	900x900	
PIT B49	19.30	SGGP	900x900	
PIT B50	19.30	SGGP	1200x1200	
PIT B51	19.30	SGGP	900x900	
PIT B52	19.30	SGGP	900x900	
PIT B53	18.35	SGGP	900x900	
PIT B54	19.12	SGGP	900x900	
PIT B55	18.90	SGGP	900x900	
PIT B56	18.80	SGGP	900x900	
PIT B57	18.80	SGGP	900x900	
PIT B58	18.80	SGGP	900x900	
PIT B59	19.00	SGGP	900x900	
PIT B60	18.90	SGGP	900x900	
PIT B61	18.80	SGGP	900x900	
PIT B62	18.70	SGGP	1200x1200	
PIT B63	18.35	SGGP	900x900	



LEGEND:

LEVELS DATUM IS AND

EXISTING SITE LEVELS AND DETAILS BASED ON SURVEY INFORMATION PROVIDED BY MICHAEL S. DINN SURVEYING DATED 16.09.08

— SGP, SINGLE GRATED GULLY PIT

— SJP, SEALED JUNCTION PIT

— KIP, KERB INLET PIT

— GD, GRATED DRAIN (300 x 225 UNO)

— PROPOSED DRAINAGE LINE

— EXISTING DRAINAGE LINE

— SUBSOIL LINE

— OVERLAND FLOW DIRECTION

— FINISHED PAYMENT (CONTOUR (MAJOR) 0.5m INTERVALS

— FINISHED PAVEMENT (CONTOUR (MINOR) 0.1m INTERVALS

FOR DEVELOPMENT APPLICATION

CONCEPT STORMWATER DRAINAGE PLAN - SHEET 2

REVISIONS

ISSUED FOR PERMIT APPLICATION	21.03.23	D
ISSUED FOR DEVELOPMENT APPLICATION	20.11.20	C
ISSUED FOR INFORMATION	12.06.19	A

APPROVED

AMS ARCHITECTURAL
4/712 Connaught Street
Crows Nest NSW 1585
P: 02 9439 3344
E: amy@amsarchitectural.com.au

CLIENT

LOGOS
www.logosgroup.com

PROJECT

WAREHOUSE STORAGE AND DISTRIBUTION
246 MILLER ROAD, VILLAWOOD NSW

CONSULTANT

Costin Roe Consulting Pty Ltd
Consulting Engineers
Wahia Bay, Sydney NSW 2000
The Hub 381-389 The Hub 381-389
costin.roe@costinroe.com.au

PRECISION

Costin Roe Consulting

DRAWING TITLE

CONCEPT STORMWATER DRAINAGE PLAN - SHEET 2

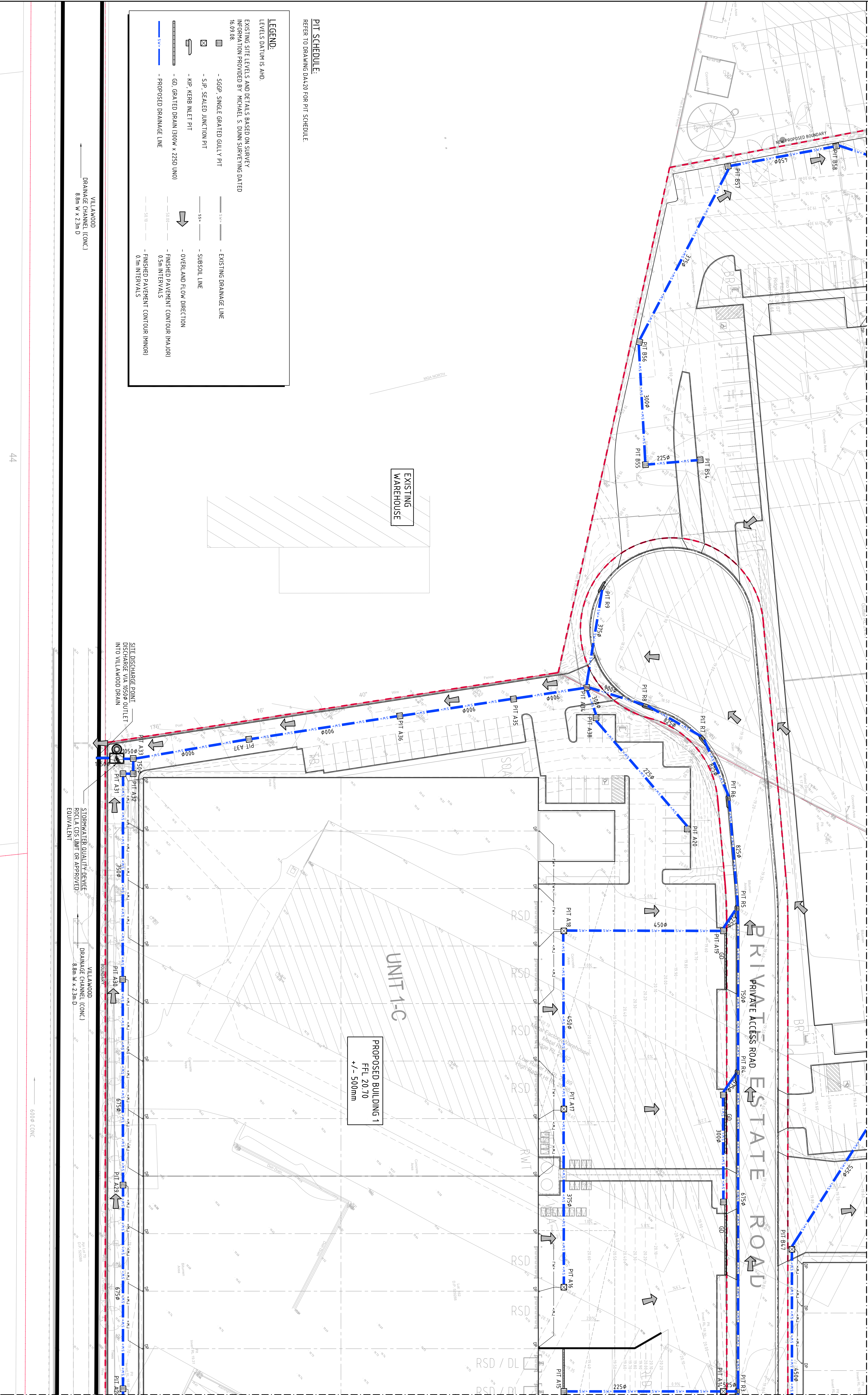
PROJECT NO.

C0984.9.06-DA4.20

SCALE

1:250

BREAKLINE - REFER TO DRAWING DA440 FOR CONTINUATION



BREAKLINE - REFER TO DRAWING DA440 FOR CONTINUATION

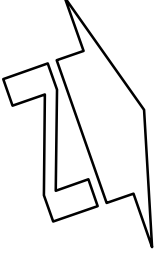
PIT SCHEDULE:
REFER TO DRAWING DA420 FOR PIT SCHEDULE.

LEGEND:

LEVELS DATUM'S AND
EXISTING SITE LEVELS AND DETAILS BASED ON SURVEY
INFORMATION PROVIDED BY MICHAEL S. DINN SURVEYING DATED
16.09.08.

	- SGGP - SINGLE GRATED GULLY PIT		- EXISTING DRAINAGE LINE
	- SJP - SEALED JUNCTION PIT		- SUBSOIL LINE
	- KIP, KERB INLET PIT		- OVERLAND FLOW DIRECTION
	- GD, GRATED DRAIN (300W x 225D UNO)		- FINISHED PAVEMENT CONTOUR (MAJOR) 0.5m INTERVALS
	- PROPOSED DRAINAGE LINE		- FINISHED PAVEMENT CONTOUR (MINOR) 0.1m INTERVALS

VILLAWOOD
DRAINAGE CHANNEL (CONC.)
8m W x 2.2m D



CONCEPT STORMWATER DRAINAGE PLAN - SHEET 3
SCALE 1:250

FOR DEVELOPMENT APPLICATION

DESIGNED BY MICHAEL DINN	21.03.20	D	ARCHITECT	ANIS ARCHITECTURAL	PROJECT	WAREHOUSE STORAGE AND DISTRIBUTION	CONSULTING ENGINEERS	COSTIN ROE CONSULTING PTY LTD	PRECISION	COMMUNICATION	ACCOUNTABILITY	DRAWING TITLE
ISSUED FOR DEVELOPMENT APPLICATION	29.03.20	C	ARCHITECT	ANIS ARCHITECTURAL	PROJECT	WAREHOUSE STORAGE AND DISTRIBUTION	CONSULTING ENGINEERS	COSTIN ROE CONSULTING PTY LTD	PRECISION	COMMUNICATION	ACCOUNTABILITY	CONCEPT STORMWATER DRAINAGE PLAN - SHEET 3
ISSUED FOR INFORMATION	12.06.19	A	ARCHITECT	ANIS ARCHITECTURAL	PROJECT	WAREHOUSE STORAGE AND DISTRIBUTION	CONSULTING ENGINEERS	COSTIN ROE CONSULTING PTY LTD	PRECISION	COMMUNICATION	ACCOUNTABILITY	CONCEPT STORMWATER DRAINAGE PLAN - SHEET 3
APPROVED			ARCHITECT	ANIS ARCHITECTURAL	PROJECT	WAREHOUSE STORAGE AND DISTRIBUTION	CONSULTING ENGINEERS	COSTIN ROE CONSULTING PTY LTD	PRECISION	COMMUNICATION	ACCOUNTABILITY	CONCEPT STORMWATER DRAINAGE PLAN - SHEET 3

