

## APPENDIX 5

### CIVIL ENGINEERING PLANS



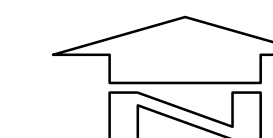
*PROPOSED MAINFREIGHT FACILITY EXPANSION*  
*26 YARRAWA STREET, PRESTONS, NSW*  
*CIVIL DRAWINGS FOR DEVELOPMENT APPLICATION*

## DRAWING LIST

DRAWING NO.	DRAWING TITLE
Co8753.08-DA10	DRAWING LIST & GENERAL NOTES
Co8753.08-DA15	SITE MASTER PLAN
Co8753.08-DA20	EROSION AND SEDIMENT CONTROL PLAN
Co8753.08-DA25	EROSION AND SEDIMENT CONTROL DETAILS
Co8753.08-DA40	CONCEPT STORMWATER MASTER PLAN
Co8753.08-DA41	CONCEPT STORMWATER PLAN - SHEET 1
Co8753.08-DA42	CONCEPT STORMWATER PLAN - SHEET 2
Co8753.08-DA45	CONCEPT STORMWATER DETAILS
Co8753.08-DA51	FINISHED LEVELS PLAN - SHEET 1
Co8753.08-DA52	FINISHED LEVELS PLAN - SHEET 2
Co8753.08-DA70	APPROVED INFRASTRUCTURE COMPARISON PLAN

### GENERAL NOTES

- G1 THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED DURING THE COURSE OF THE CONTRACT. ANY DISCREPANCY SHALL BE REFERRED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
- G2 ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT STANDARDS AUSTRALIA CODES AND WITH THE BY-LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES EXCEPT WHERE VARIED BY THE PROJECT SPECIFICATION.
- G3 ALL DIMENSIONS SHOWN SHALL BE VERIFIED BY THE BUILDER ON SITE. ENGINEER'S DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.  
ENGINEER'S DRAWINGS ISSUED IN ANY ELECTRONIC FORMAT MUST NOT BE USED FOR DIMENSIONAL SETOUT. REFER TO THE ARCHITECT'S DRAWINGS FOR ALL DIMENSIONAL SETOUT INFORMATION.
- G4 UNLESS NOTED OTHERWISE ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES.
- G5 ALL WORKS SHALL BE UNDERTAKEN IN ACCORDANCE WITH ACCEPTABLE SAFETY STANDARDS & APPROPRIATE SAFETY SIGNS SHALL BE INSTALLED AT ALL TIMES DURING THE PROGRESS OF THE JOB.
- G6 THE CONTRACTOR IS TO PERFORM A DIAL-BEFORE-YOU-DIG SEARCH & CONFIRM LOCATION OF ALL EXISTING SERVICES PRIOR TO CONSTRUCTION WORKS.



SITE LOCATION PLAN  
N.T.S

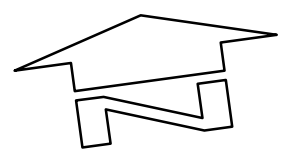
**FOR DEVELOPMENT APPLICATION**

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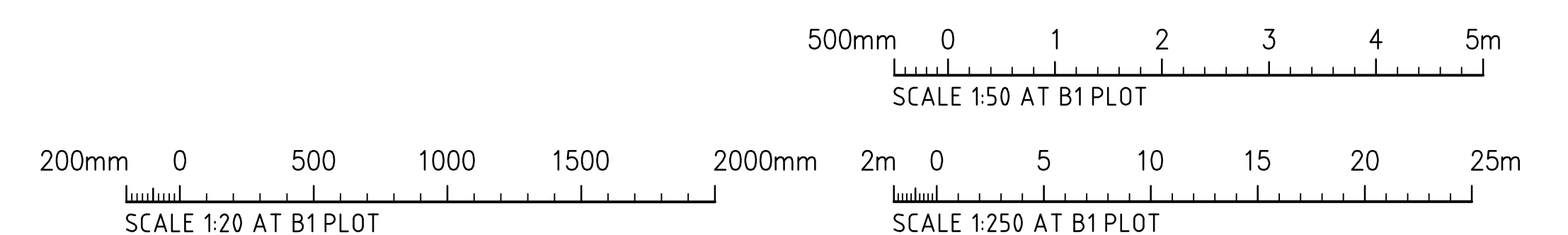
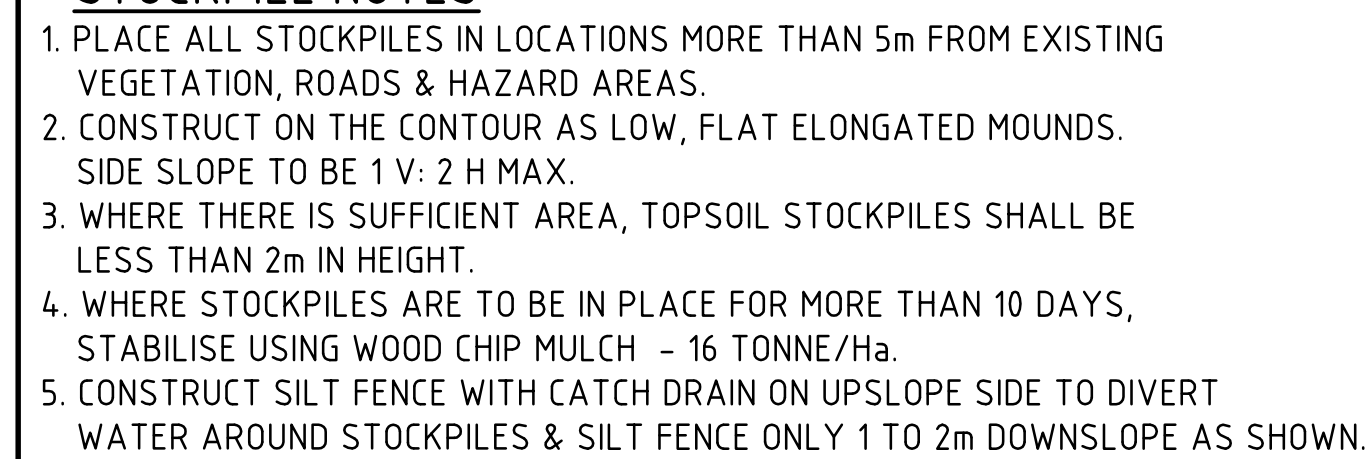






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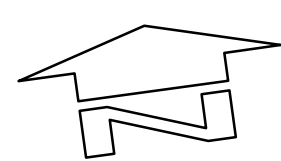
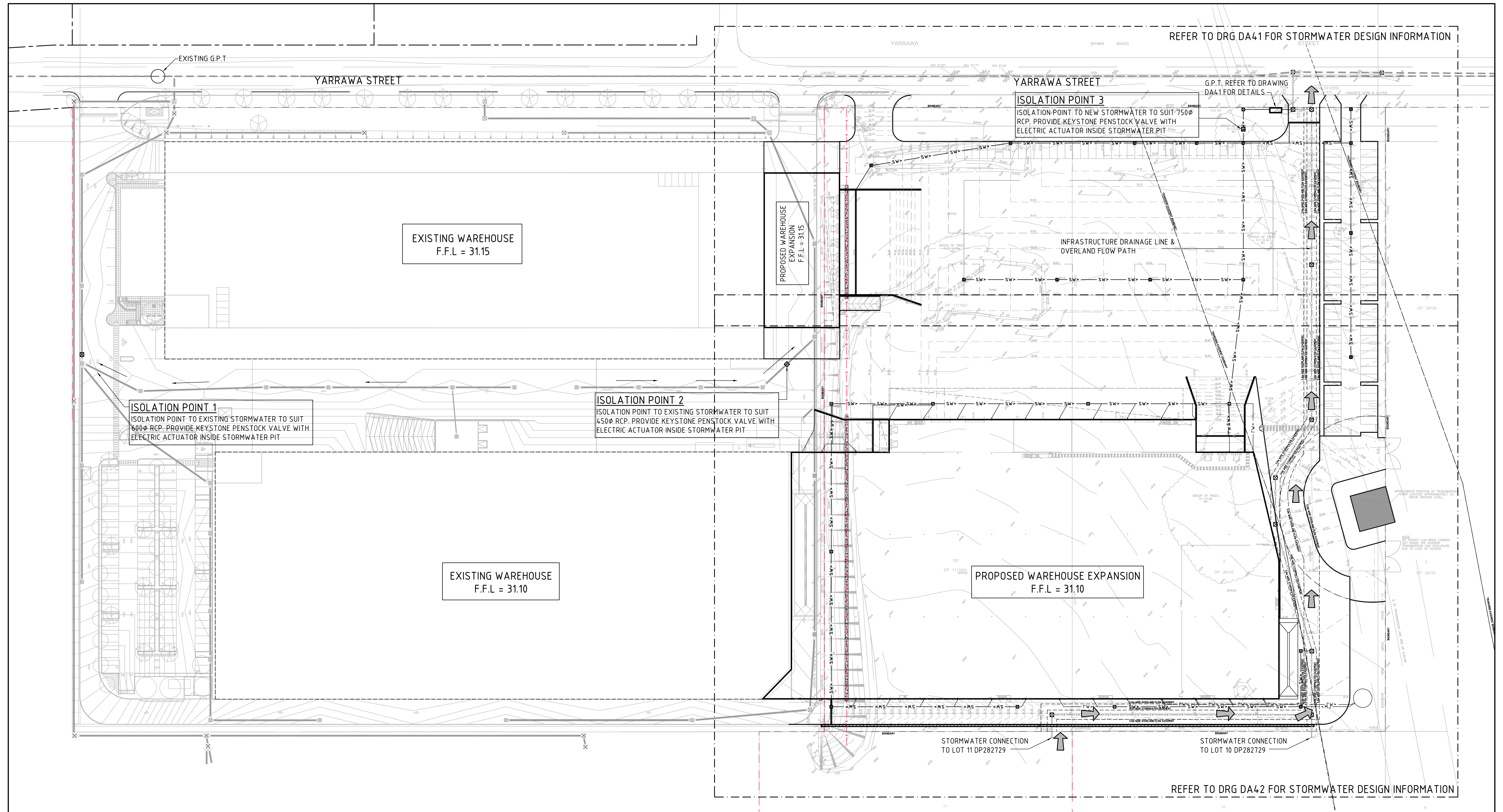




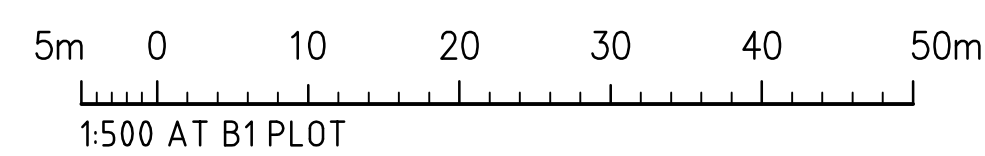
FOR DEVELOPMENT APPLICATION

						<div>CLIENT</div> <div><div>Goodman</div><div>LEVEL 17, 50 Centeniah Street SYDNEY NSW, 2000, Australia  Tel (02) 9230 7600 Fax (02) 9230 7644</div></div>			<div>PROJECT</div> <div>PROPOSED MAINFREIGHT EXPANSION 26 YARRAWA ST, PRESTONS, NSW</div> <div><div>DESIGNED MW</div><div>DRAWN MC</div><div>DATE 12.07.17</div><div>CHECKED</div><div>SCALE AS SHOWN</div><div>CAD REF: C68753.08-DA25</div></div>			<div><div><div><div>Costin Roe Consulting Pty Ltd. Consulting Engineers 625 000 006 446 Level 1, 8 Windmill Street Walsh Bay, Sydney NSW 2000 Tel: (02) 9251-7699 Fax: (02) 9241-9731 email: mail@costinroe.com.au ©</div></div></div></div>			<div><div>Costin Roe Consulting</div><div>Value in Engineering and Management</div></div>			<div><div>DRAWING TITLE</div><div>EROSION AND SEDIMENT CONTROL DETAILS</div><div><div>DRAWING No</div><div>C08753.08-DA25</div><div><div>ISSUE</div><div>B</div></div></div></div>		
FOR DEVELOPMENT APPLICATION 20.02.13 B																				
FOR INFORMATION 20.12.12 A																				
AMENDMENTS DATE ISSUE			AMENDMENTS DATE ISSUE			AMENDMENTS DATE ISSUE														








CONCEPT STORMWATER MASTER PLAN  
1:500



FOR DEVELOPMENT APPLICATION

									CLIENT						LEVEL 11, 40 Castlereagh Street SYDNEY NSW, 2000, Australia  Tel: (02) 9230 7400 Fax: (02) 9230 7444			PROJECT <b>PROPOSED MAINFREIGHT EXPANSION</b> 26 YARRAWA ST, PRESTONS, NSW						Costin Roe Consulting Pty Ltd. <b>Consulting Engineers</b> <small>ACN 003 006 441</small> Level 1, 8 Windmill Street Walsh Bay, Sydney NSW 2000 Tel: (02) 9251-7699 Fax: (02) 9241-3731 email: mail@costinroe.com.au ©						DRAWING TITLE <b>CONCEPT STORMWATER MASTER PLAN</b>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
FOR DEVELOPMENT APPLICATION			10.04.13			A																											DRAWING No			Co8753.08-DA40			ISSUE			A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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STORMWATER DRAINAGE NOTES:

- ALL FINISHED PAVEMENT LEVELS SHALL BE AS INDICATED ON FINISHED LEVELS PLAN.
- PIT SIZES SHALL BE AS INDICATED IN THE SCHEDULE WHILE PIPE SIZES AND DETAILS ARE PROVIDED ON PLAN.
- EXISTING STORMWATER PIT LOCATIONS AND INVERT LEVELS TO BE CONFIRMED BY SURVEY PRIOR TO COMMENCING WORKS ON SITE.
- ALL STORMWATER PIPES Ø375 OR GREATER SHALL BE CLASS 2 REINFORCED CONCRETE WITH RUBBER RING JOINTS UNLESS NOTED OTHERWISE.
- ALL PIPES UP TO AND INCLUDING 300ØS TO BE uPVC GRADE SN8.
- ALL CONCRETE PITS GREATER THAN 1000mm DEEP SHALL BE REINFORCED USING N12-200 EACH WAY CENTRED IN WALL AND BASE. LAP MINIMUM 300mm WHERE REQUIRED. ALL CONCRETE FOR PITS SHALL BE F'c 25 MPA. PRECAST PITS MAY BE USED WITH THE APPROVAL OF THE ENGINEER.
- IN ADDITION TO ITEM 6 ABOVE, ALL CONCRETE PITS GREATER THAN 3000mm DEEP SHALL HAVE WALLS AND BASE THICKNESS INCREASED TO 200mm.
- PIPES SHALL BE LAID AS PER PIPE LAYING DETAILS. PARTICULAR CARE SHALL BE TAKEN TO ENSURE THAT THE PIPE IS FULLY AND EVENLY SUPPORTED. RAM AND PACK FILLING AROUND AND UNDER BACK OF PIPES AND PIPE FAUCETS, WITH NARROW EDGED RAMMERS OR OTHER SUITABLE TAMPING DETAILS.
- WHERE PIPE LINES ENTER PITS, PROVIDE 2m LENGTH OF STOCKING WRAPPED SLOTTED Ø100 uPVC TO EACH SIDE OF PIPE.
- ALL SUBSOIL DRAINAGE LINES SHALL BE Ø100 SLOTTED uPVC WITH APPROVED FILTER WRAP LAID IN 300mm WIDE GRANULAR FILTER UNLESS NOTED OTHERWISE. LAY SUBSOIL LINES TO MATCH FALLS OF LAND AND/OR 1 IN 200 MINIMUM. PROVIDE CAPPED CLEANING EYE (RODDING POINT) AT UPSTREAM END OF LINE AND AT 30m MAX. CTS. PROVIDE SUBSOIL LINES TO ALL PAVEMENT/ LANDSCAPED INTERFACES, TO REAR OF RETAINING WALLS (AS NOMINATED BY STRUCTURAL ENGINEER) AND AS SHOWN ON PLAN.
- ALL PIPE GRADES 1 IN 100 MINIMUM UNO.
- PROVIDE STEP IRONS IN PITS DEEPER THAN 1000mm.
- MIN. 600 COVER TO PIPE OBVERT BENEATH ROADS & MIN. 400 COVER BENEATH LANDSCAPED AND PEDESTRIAN AREAS.
- PIT COVERS IN TRAFFICABLE PAVEMENT SHALL BE CLASS D 'HEAVY DUTY', THOSE LOCATED IN NON-TRAFFICABLE AREAS SHALL BE CLASS B 'MEDIUM DUTY' U.N.O.
- PROVIDE CLEANING EYES (RODDING POINTS) TO PIPES AT ALL CORNERS AND T-JUNCTIONS WHERE NO PITS ARE PRESENT.
- DOWN PIPES TO BE AS PER HYDRAULIC ENGINEERS DETAILS WITH CONNECTOR TO MATCH DP SIZE U.N.O. ON PLAN. PROVIDE CLEANING EYE AT GROUND LEVEL.
- PIPE LENGTHS NOMINATED ON PLAN OR LONGSECTIONS ARE MEASURED FROM CENTER OF PITS TO THE NEAREST 0.5m AND DO NOT REPRESENT ACTUAL LENGTH. THE CONTRACTOR IS TO ALLOW FOR THIS.

PIT SCHEDULE

PIT No.	GRATE RL	DEPTH	TYPE	SIZE	COMMENT
PIT 1	33.10	1150	SJP	900x900	
PIT 2	30.90	1050	S.G.G.P	900x900	
PIT 3	31.10	1550	SJP	900x900	
PIT 4	30.41	1150	SJP	900x900	
PIT 5	30.85	1810	SJP	900x900	
PIT 6	31.05	2310	SJP	900x900	
PIT 7	30.30	1860	SJP	900x900	
PIT 8	30.40	2410	S.G.G.P	900x900	
PIT 9	29.90	2430	S.G.G.P	900x900	
PIT 10	29.50	2190	SJP	900x900	
PIT 11	33.23	1030	SJP	900x900	
PIT 12	32.93	1380	S.G.G.P	900x900	
PIT 13	32.83	1510	SJP	900x900	
PIT 14	30.40	1200	S.G.G.P	900x900	
PIT 15	30.40	1550	S.G.G.P	900x900	
PIT 16	30.40	1900	S.G.G.P	900x900	
PIT 17	30.35	1300	S.G.G.P	900x900	
PIT 18	30.30	1750	S.G.G.P	900x900	
PIT 19	29.90	1800	S.G.G.P	900x900	
PIT 20	29.90	2050	S.G.G.P	900x900	
PIT 21	31.30	1000	S.G.G.P	900x900	
PIT 22	30.35	1050	S.G.G.P	900x900	
PIT 23	29.40	1050	S.G.G.P	900x900	
PIT 24	29.68	1380	S.G.G.P	900x900	

LEGEND:

LEVELS DATUM IS AHD.

EXISTING SITE LEVELS AND DETAILS BASED ON SURVEY INFORMATION PROVIDED BY HARD & FORESTER SURVEYORS DATED 05.10.2012.

- SGGP, SINGLE GRATED GULLY PIT

- SJP, SEALED JUNCTION PIT

- KIP, KERB INLET PIT

- OVERLAND FLOW PATH

- EXISTING DRAINAGE LINE

- DRAINAGE LINE

- INFRASTRUCTURE DRAINAGE LINE (STAGE 1)
- SUBSOIL LINE

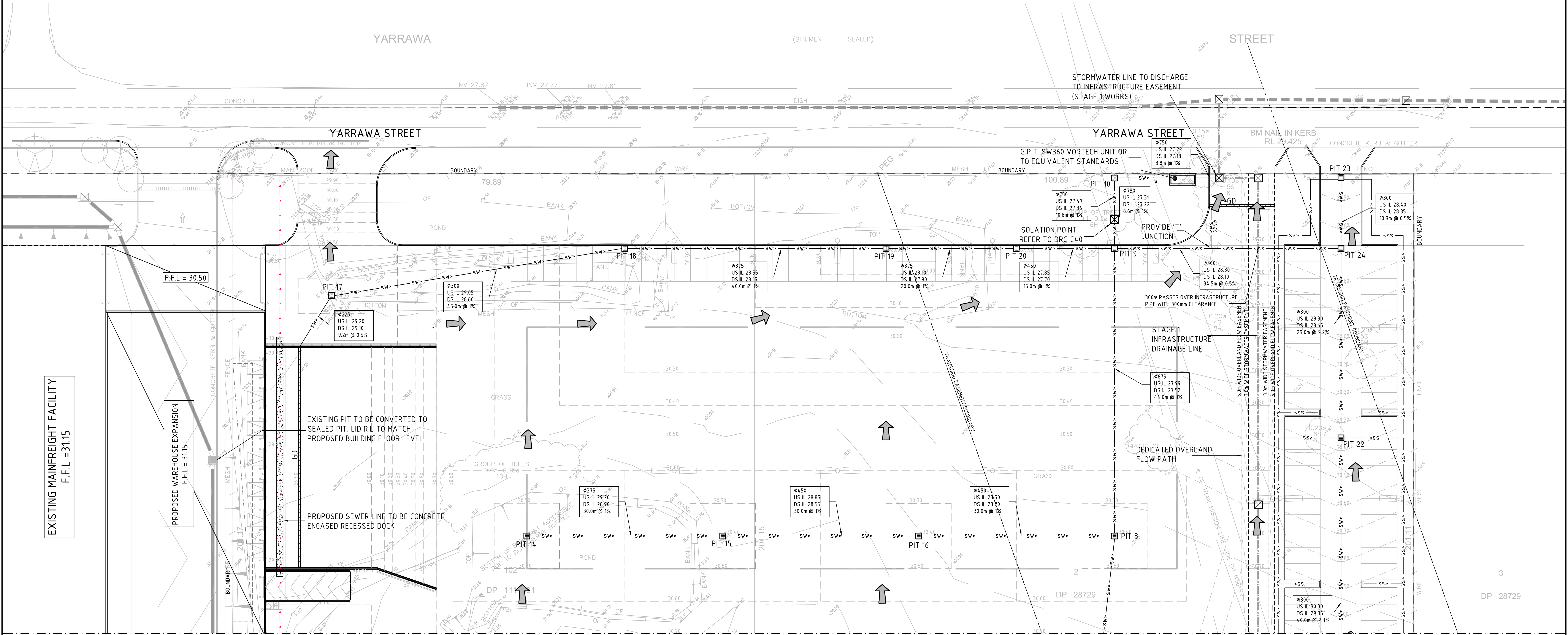
- ROOFWATER LINE

- SEWER LINE (STAGE 1 WORKS)

- FINISHED PAVEMENT CONTOUR (MAJOR) 0.5m INTERVALS

- FINISHED PAVEMENT CONTOUR (MINOR) 0.1m INTERVALS

- DOWNPIPE (INDICATIVE) REFER TO DRAWINGS BY HYDRAULIC ENGINEER



BREAKLINE. REFER TO DRAWING Co8753.08 - DA42 FOR CONTINUATION

CONCEPT STORMWATER PLAN - SHEET 1

1:250

FOR DEVELOPMENT APPLICATION

2m 0 5 10 15 20 25m  
1:250 AT B1 PLOT

AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE
FOR DEVELOPMENT APPLICATION	10.04.13	D			
FOR DEVELOPMENT APPLICATION	20.02.13	C			
FOR INFORMATION	06.02.13	B			
FOR INFORMATION	20.12.12	A			



LEVEL 17,  
60 Castlereagh Street  
SYDNEY  
NSW, 2000, Australia  
Tel: (02) 9230 7400  
Fax: (02) 9230 7444

PROJECT  
PROPOSED MAINFREIGHT  
EXPANSION  
26 YARRAWA ST, PRESTONS, NSW

DESIGNED	DRAWN	DATE	CHECKED	SCALE
MW	MC	12.07.12		AS SHOWN



Costin Roe Consulting Pty Ltd.  
Consulting Engineers  
Level 1, 8 Windmill Street  
Wah Bay, Sydney NSW 2000  
Tel: (02) 9551-7899 Fax: (02) 9541-3791  
email: mail@costinroe.com.au ©



Value in Engineering and Management

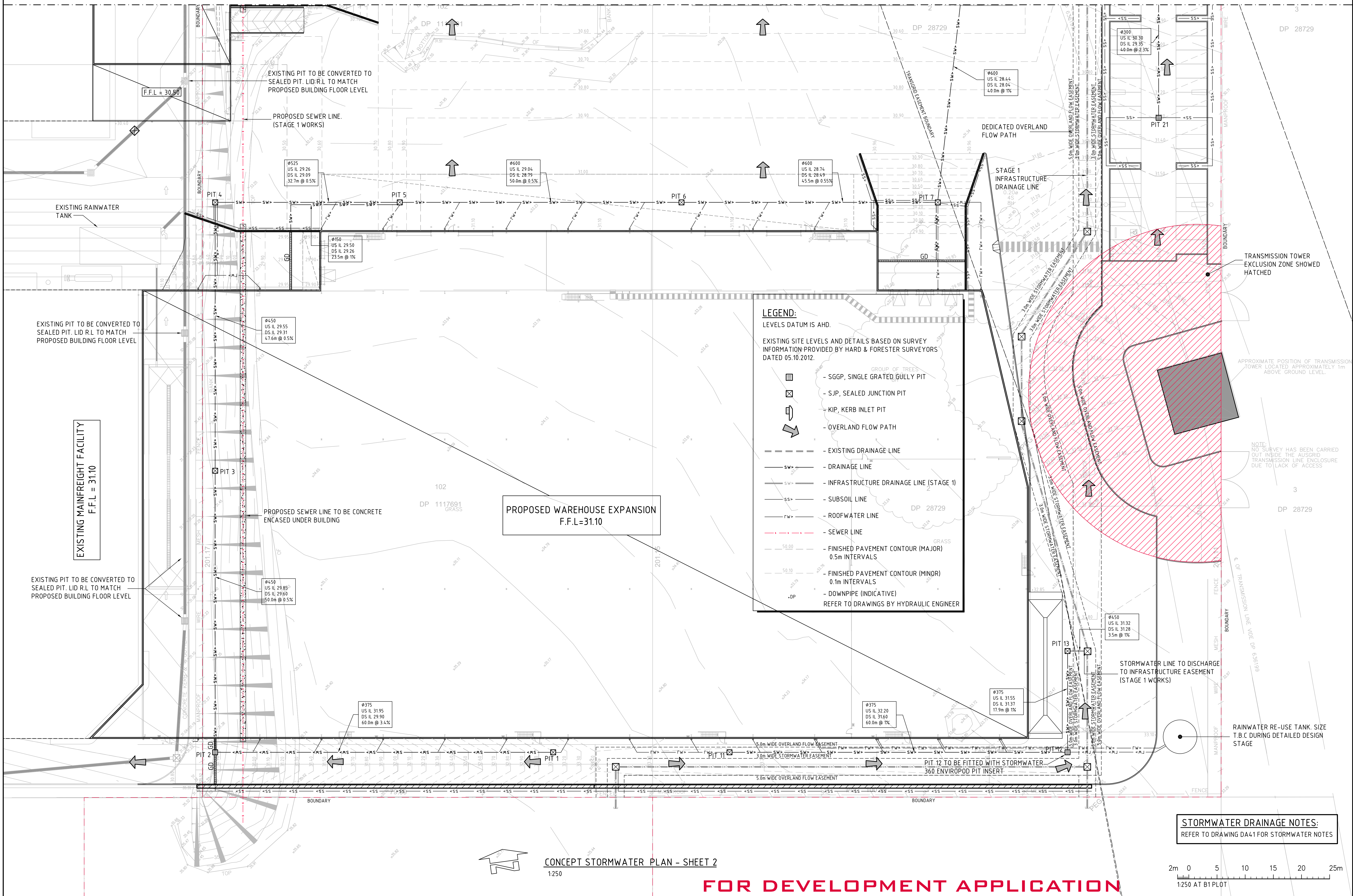
DRAWING TITLE  
CONCEPT STORMWATER PLAN  
SHEET 1

DRAWING No. Co8753.08-DA41

ISSUE  
D



BREAKLINE. REFER TO DRAWING Co8753.08 - DA41 FOR CONTINUATION

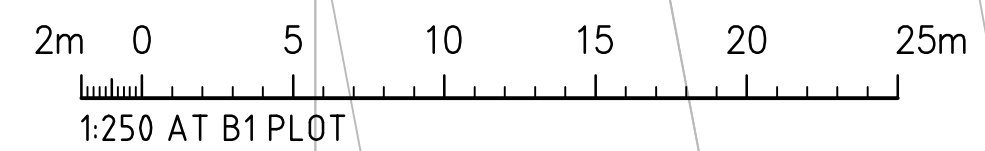


**LEGEND:**  
LEVELS DATUM IS AHD.

EXISTING SITE LEVELS AND DETAILS BASED ON SURVEY INFORMATION PROVIDED BY HARD & FORESTER SURVEYORS DATED 05.10.2012.

- SGGP, SINGLE GRATED GULLY PIT
- SJP, SEALED JUNCTION PIT
- KIP, KERB INLET PIT
- OVERLAND FLOW PATH
- EXISTING DRAINAGE LINE
- DRAINAGE LINE
- INFRASTRUCTURE DRAINAGE LINE (STAGE 1)
- SUBSOIL LINE
- ROOFWATER LINE
- SEWER LINE
- FINISHED PAVEMENT CONTOUR (MAJOR) 0.5m INTERVALS
- FINISHED PAVEMENT CONTOUR (MINOR) 0.1m INTERVALS
- DOWNPIPE (INDICATIVE) REFER TO DRAWINGS BY HYDRAULIC ENGINEER

**STORMWATER DRAINAGE NOTES:**  
REFER TO DRAWING DA41 FOR STORMWATER NOTES



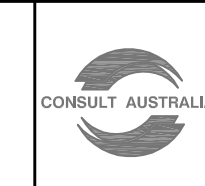
FOR DEVELOPMENT APPLICATION	10.04.13	D							
FOR DEVELOPMENT APPLICATION	20.02.13	C							
FOR INFORMATION	06.02.13	B							
FOR INFORMATION	20.12.12	A							
AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	AMENDMENTS	DATE	ISSUE	



LEVEL 17,  
60 Castlereagh Street  
SYDNEY  
NSW, 2000, Australia  
Tel: (02) 9230 7400  
Fax: (02) 9230 7444

PROJECT  
**PROPOSED MAINFREIGHT  
EXPANSION**  
26 YARRAWA ST, PRESTONS, NSW

DESIGNED: MW  
DRAWN: MC  
DATE: 12.07.12  
CHECKED: A1  
SCALE: AS SHOWN

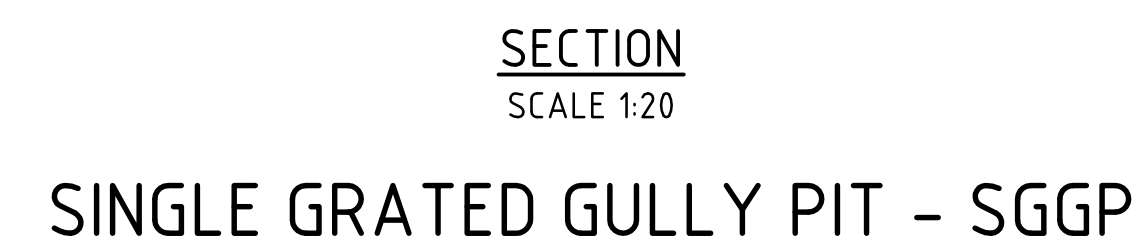
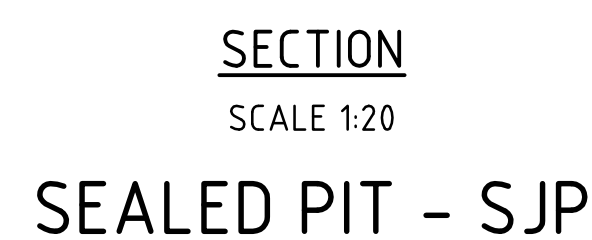


Costin Roe Consulting Pty Ltd.  
Consulting Engineers  
Level 1, 8 Windmill Street  
Wahia Bay, Sydney NSW 2000  
Tel: (02) 9551-7899 Fax: (02) 9541-3731  
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DRAWING TITLE  
**CONCEPT STORMWATER PLAN  
SHEET 2**  
DRAWING No: **Co8753.08-DA42**  
ISSUE: **D**



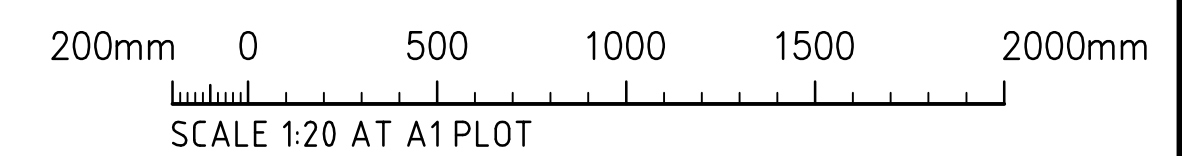





**NOTES:**

1. WHERE GULLY PIT IS LOCATED ON KERB RETURNS OR BULB OF CUL-DE-SACS PROVIDE CURVED PRECAST CONCRETE LINTELS.
2. SAG PITS SHALL HAVE LINTEL PLACED CENTRALLY ABOUT THE GRATE.
3. ALL REINFORCING TO HAVE 30 MIN. CLEAR CONCRETE COVER.
4. FOR PITS DEEPER THAN 1200mm CLIMB RAILS SHALL BE PROVIDED.

SIDE ZONE MATERIAL GRADING	
SIEVE SIZE	WEIGHT PASSING(%)
75	100
9.5	100 TO 50
2.36	100 TO 30
0.60	50 TO 15
0.075	25 TO 0

TYPE HS2 SUPPORT TO  
CONCRETE PIPES  
UNDER PAVEMENT






								CLIENT				 <div>LEVEL 17, 60 Castlereagh Street SYDNEY NSW, 2000, Australia  Tel (02) 9230 7400 Fax (02) 9230 7444</div>				PROJECT <b>PROPOSED MAINFREIGHT EXPANSION</b> 26 YARRAWA ST, PRESTONS, NSW						<b>Costin Roe Consulting Pty Ltd.</b> <b>Consulting Engineers</b> A/CN 003 003 448 Level 1, 8 Windmill Street Walsh Bay, Sydney NSW 2000 Tel: (02) 9251-7899 Fax: (02) 9241-3731 email: mail@costinroe.com.au ©								DRAWING TITLE CONCEPT STORMWATER DETAILS					
FOR DEVELOPMENT APPLICATION				20.02.13		B																													
FOR INFORMATION				20.12.12		A																													
AMENDMENTS				DATE		ISSUE		AMENDMENTS				DATE		ISSUE																					



LEVELS DATUM IS AHD.

EXISTING SITE LEVELS AND DETAILS BASED ON SURVEY  
INFORMATION PROVIDED BY HARD & FORESTER SURVEYORS  
DATED 05.10.2012.

-  - SJP, SEALED JUNCTION PIT
-  - KIP, KERB INLET PIT
-  - SGGP, SINGLE GRATED GULLY PIT

57.00	-	FINISHED PAVEMENT CONTOUR (MAJOR)
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57.60 - FINISHED PAVEMENT CONTOUR (MINOR)

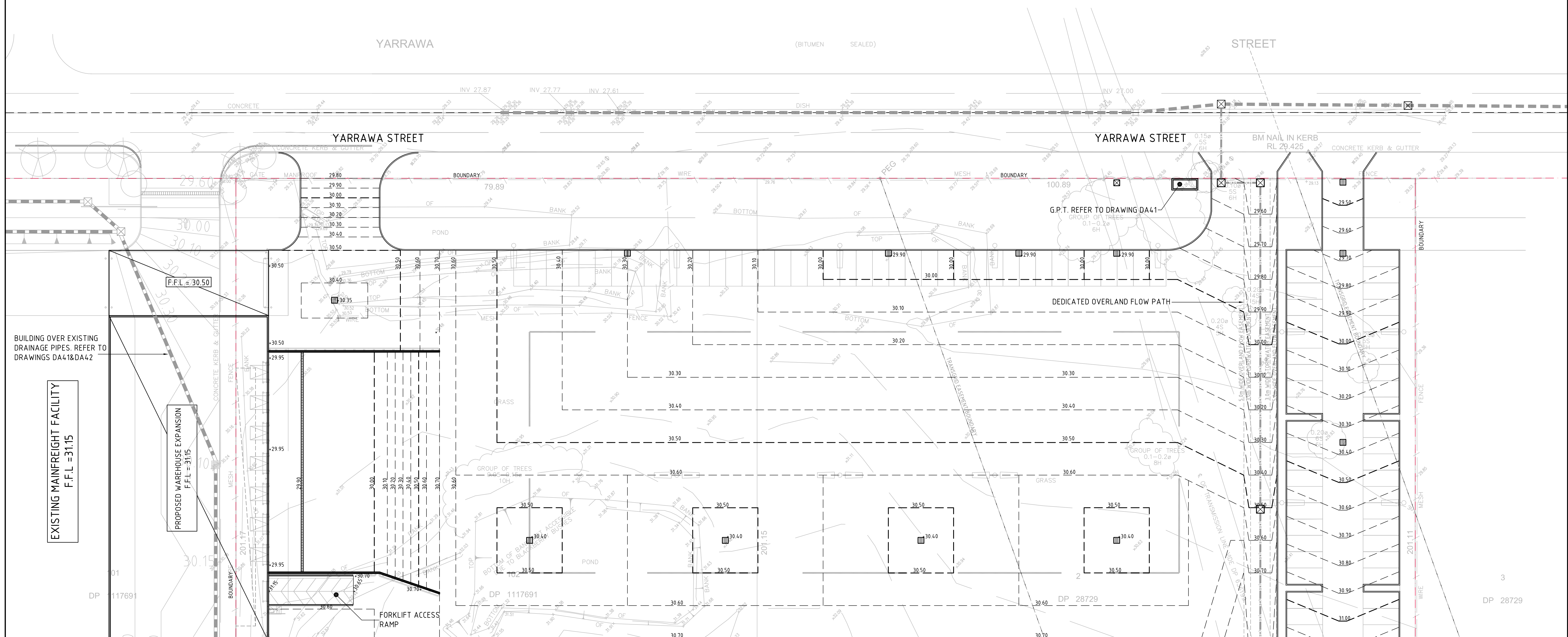
+65.30 - FINISHED PAVEMENT SPOT HEIGHT

— SW — - INFRASTRUCTURE DRAINAGE LINE (STAGE 1)

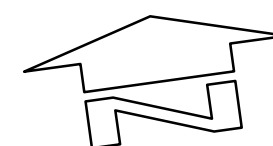
58.5 - EXISTING CONTOUR

- EXISTING SPOT HEIGHT

1. LEVELS DATUM IS A.H.D.
2. ALL CONTOUR LINES & SPOT LEVELS INDICATE FINISHED PAVEMENT LEVELS U.N.O. ON PLAN.
3. THE MAJOR CONTOUR INTERVAL IS 0.5m
4. THE MINOR CONTOUR INTERVAL IS 0.1m.
5. MINIMUM PAVEMENT GRADE IS TO BE 1:100 (1%).
6. MAXIMUM PAVEMENT GRADE IS TO BE 1:30 IN DISABLED PARKING, 1:20 (5%) IN CARPARKING AREAS AND 1:25 (4%) ELSEWHERE.
7. MAXIMUM RAMP GRADES ARE TO BE 1:12 (8.3%) U.N.O. ON PLAN
8. PROVIDE MINIMUM 3.0m LONG TRANSITION WHERE CHANGES GRADE EXCEED 1:20 (5%).
9. PERMANENT BATTER SLOPES ARE TO HAVE A MAXIMUM GRADE OF 1V:3H.
10. ALL BATTER SLOPE WITH GRADES AT OR EXCEEDING 1V:6H ARE TO BE TURFED IMMEDIATELY OR APPROPRIATE EROSION CONTROL IS TO BE PROVIDED TO THE SATISFACTION OF THE ENGINEER.

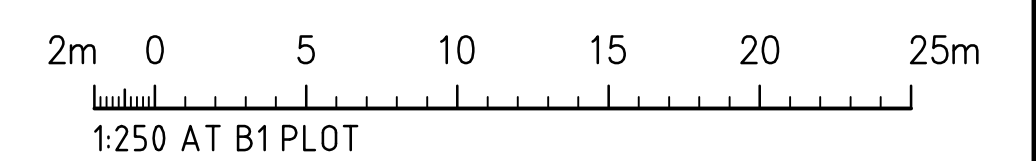





BREAKLINE. REFER TO DRAWING C68753.08 - DA52 FOR CONTINUATION



1:250

FOR DEVELOPMENT APPLICATION



						CLIENT			 <div>LEVEL 17, 60 Castlereagh Street SYDNEY NSW, 2000, Australia  Tel (01) 9230 7400 Fax (01) 9230 7444</div>			PROJECT <div>PROPOSED MAINFREIGHT EXPANSION 26 YARRAWA ST, PRESTONS, NSW</div> 			Costin Roe Consulting Pty Ltd. <b>Consulting Engineers</b> ACS 003 006 448 Level 1, 8 Windmill Street Walsh Bay, Sydney NSW 2000 Tel: (02) 8251-7899 Fax: (02) 9241-3731 email: mail@costinroe.com.au ©						DRAWING TITLE FINISHED LEVELS PLAN SHEET 1		
FOR DEVELOPMENT APPLICATION 20.02.13 C									DESIGNED BY: J.M.C. DATE: 12.07.12 CHECKED BY: A.L. SCALE: AS SHOWN CAD REF: C08753.08-DA51			DRAWING NO <b>C08753.08-DA51</b> ISSUE 1											
FOR INFORMATION 06.02.13 B																							
FOR INFORMATION 20.12.12 A																							
AMENDMENTS DATE ISSUE			AMENDMENTS DATE ISSUE																				






**LEGEND:**  
LEVELS DATUM IS AHD.

EXISTING SITE LEVELS AND DETAILS BASED ON SURVEY INFORMATION PROVIDED BY HARD & FORESTER SURVEYORS DATED 05.10.2012.

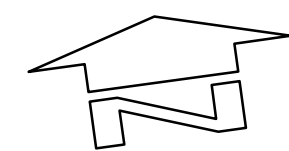
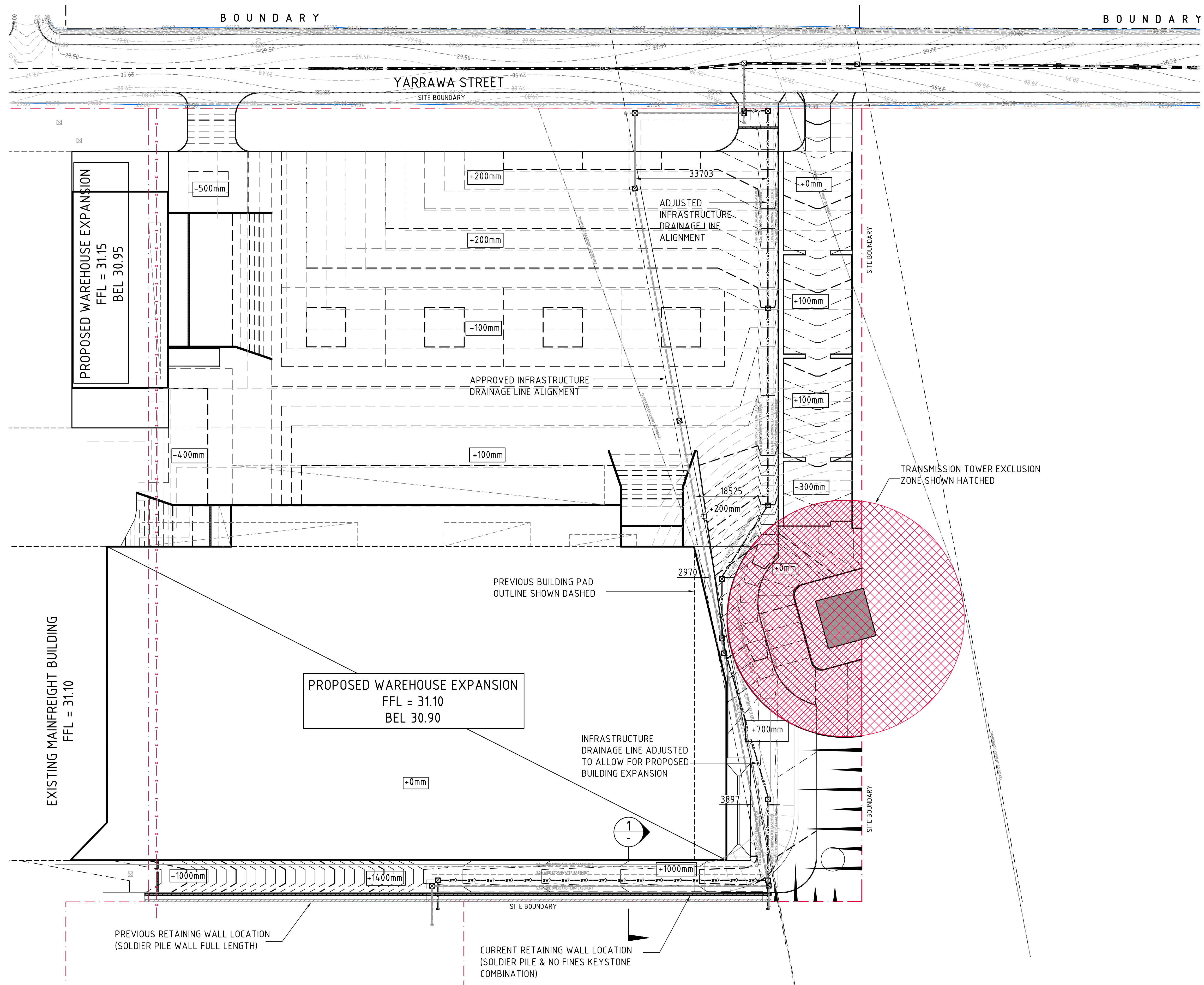
- ☒ - SJP, SEALED JUNCTION PIT
- ☐ - KIP, KERB INLET PIT
- ☐ - SGPP, SINGLE GRATED GULLY PIT
- 57.00 — - FINISHED PAVEMENT CONTOUR (MAJOR)
- 57.60 — - FINISHED PAVEMENT CONTOUR (MINOR)
- 65.30 — - FINISHED PAVEMENT SPOT HEIGHT
- SW — - INFRASTRUCTURE DRAINAGE LINE (STAGE 1)
- 58.5 — - EXISTING CONTOUR
- — - EXISTING SPOT HEIGHT

**NOTES:**  
REFER TO DRAWING DA51 FOR FINISHED LEVELS NOTES

**FOR DEVELOPMENT APPLICATION**

						CLIENT			 LEVEL 17, 60 Castlereagh Street SYDNEY NSW, 2000, Australia  Tel (02) 9230 7400 Fax (02) 9230 7444			PROJECT <b>PROPOSED MAINFREIGHT EXPANSION</b> 26 YARRAWA ST, PRESTONS, NSW 			Costin Roe Consulting Pty Ltd. <b>Consulting Engineers</b> A20 000 000 000 Level 1, 8 Windmill Street Walsh Bay, Sydney NSW 2000 Tel: (02) 9251-7699 Fax: (02) 9241-3731 email: mail@costinroe.com.au ©						DRAWING TITLE <b>FINISHED LEVELS PLAN SHEET 2</b>		
FOR DEVELOPMENT APPLICATION 20.02.13 C FOR INFORMATION 06.02.13 B FOR INFORMATION 20.12.12 A AMENDMENTS DATE ISSUE			AMENDMENTS DATE ISSUE AMENDMENTS DATE ISSUE			DESIGNED MW DATE 12.07.12 DRAWN MC CHECKED SIZE A1 SCALE AS SHOWN CAD REF: c08753-08-DA52			DRAWING No <b>Co8753.08-DA52</b>			ISSUE <b>C</b>											





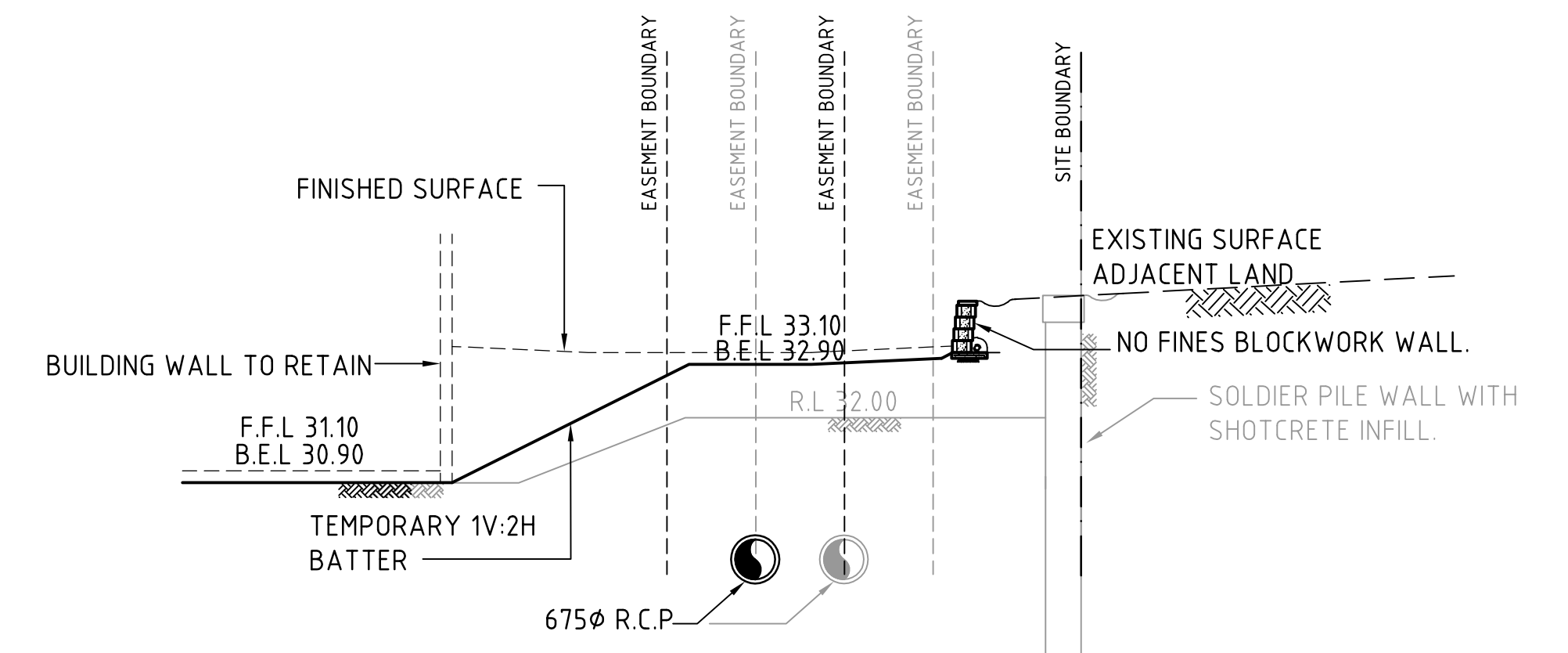
MAINFREIGHT EXPANSION – APPROVED INFRASTRUCTURE DESIGN COMPARISON PLAN  
1:500

#### LEGEND:

LEVELS DATUM IS AHD.

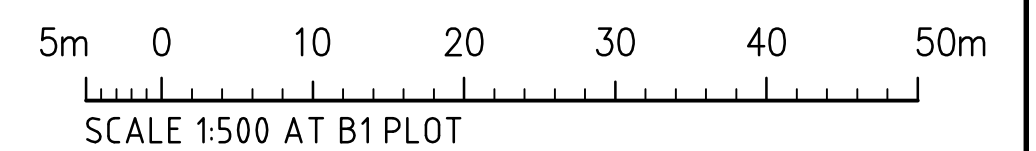
EXISTING SITE LEVELS AND DETAILS BASED ON SURVEY INFORMATION PROVIDED BY HARD & FORESTER SURVEYORS DATED 05.10.2012.

- SGGP, SINGLE GRATED GULLY PIT
- SJP, SEALED JUNCTION PIT
- SITE TRUNK DRAINAGE LINE
- PREVIOUS SITE TRUNK DRAINAGE LINE
- SEWER LINE
- FINISHED PAVEMENT CONTOUR (MAJOR) 0.5m INTERVALS
- FINISHED PAVEMENT CONTOUR (MINOR) 0.1m INTERVALS
- PREVIOUS FINISHED PAVEMENT CONTOUR (MAJOR) 0.5m INTERVALS
- PREVIOUS FINISHED PAVEMENT CONTOUR (MINOR) 0.1m INTERVALS
- DENOTES CHANGE IN B.E.L. LEVEL FROM PREVIOUS DESIGN TO CURRENT DESIGN



SECTION 1:100

NOTE: PREVIOUS APPROVED DESIGN SHOWN IN GREYSKALE



FOR INFORMATION ONLY

FOR INFORMATION			AMENDMENTS			AMENDMENTS			AMENDMENTS		
10.04.13			A			A			A		
DATE			ISSUE			DATE			DATE		
AMENDMENTS			AMENDMENTS			AMENDMENTS			AMENDMENTS		

CLIENT		PROJECT		DESIGNED		DRAWN		DATE		CHECKED		SCALE		CAD REF:		COSTIN ROE CONSULTING PTY LTD.		DRAWING TITLE		ISSUE	
Goodman		LEVEL 17, 60 Castlereagh Street SYDNEY NSW, 2000, Australia Tel: (02) 9230 7400 Fax: (02) 9230 7444		PROPOSED MAINFREIGHT EXPANSION		MW		MC		05.04.13		A1		AS SHOWN		Co8753.08-DA70		APPROVED INFRASTRUCTURE DESIGN COMPARISON PLAN		A	
26 YARRAWA ST, PRESTONS, NSW		Costin Roe Consulting Engineers		Level 1, 8 Windmill Street Walsh Bay, Sydney NSW 2000 Tel: (02) 9251-7899 Fax: (02) 9241-3731 email: mail@costinroe.com.au ©		Value in Engineering and Management		DRAWING No		Co8753.08-DA70		ISSUE		A							