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TAG	SIZE	MATERIAL	GRADE	DESCRIPTION
'A'	100 Ø	P.V.C	1% MIN	REGULAR GRAVITY PIPE
'B'	150 Ø	P.V.C	1% MIN	REGULAR GRAVITY PIPE
'X'	100 Ø	P.V.C	CHARGED	TO FEED RAINWATER TANK
'F'	100 Ø	P.V.C	1% MIN	FLUSHING LINE - CAPPED END

NOTE, ALL PIT & PIPELINE LOCATIONS SHOWN ON PLAN ARE INDICATIVE. BUILDER TO DETERMINE BEST POSITION FOR PLACEMENT WITHIN A 1m TOLERANCE OF WHAT IS SHOWN ON PLAN. HROUGH PITS CAN ALSO BE ADJUSTED TO BE 'END OF LINE' WITH THE OUTLETS TO JUNCTION INTO THE MAIN GRAVITY LINE IF LEVELS PERMIT. TYPE & POSITION OF PITS TO BE TO THE DISCRETION OF THE BUILDER & PLUMBER DURING CONSTRUCTION. IF IN DOUBT CONTACT DESIGN ENGINEER.

STORMWATER LAYOUT NOTES

SCALE 1:200/A3

- 1) PITS DEEPER THAN 600mm TO BE 600 X 900 W, ELSE
- 375 SQ U.N.O.
- 2) ALL PIPES TO HAVE 1% MIN. GRADE U.N.O.
- 3) ALL DOWNPIPES TO BE 100 X 50 BOX or 90 Ø. 4) PIPES TO BE U.P.V.C. OR STORMWATER PIPE TO A.S.1254.
- 5) PITS TO BE STANDARD PRECAST CONCRETE PITS OR BRICK RENDERED WITH CONCRETE HEAVY DUTY GRATES SIZED
- AS PITS PER PLAN. 6) NO SEWER VENTS, GULLY PITS OR SIMILAR TO BE LOCATED
- BELOW THE MAXIMUM WATER SURFACE LEVEL IN DETENTION BASINS 7) PERSONS UTILISING THIS PLAN FOR ANY PURPOSES SHALL
- VERIFY THE DATUM & RESPECTIVE LEVELS PRIOR TO

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SITE STORMWATER MANAGEMENT LAYOUT

- HOUSE CUT/FILL CONDITIONS BUT NEED TO MAINTAIN INTENT OF DRAINAGE SYSTEM. ENGINEER TO BE CONSULTED PRIOR TO CONSTRUCTION TO ENSURE INTENT MAINTAINED. 9) END OF EXISTING DRAINAGE LINE TO BE EXPOSED & LEVELS
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	LEGEND		
	PIT LABEL SUMP PIT - PIT SIZE REFERS TO GRATE DIMENSIONS 300x300 FLOOR GULLY	G.F.L. ≉ 0.00 • R.L 157.00	GARAGE FLOOR LEVEL EXISTING REDUCED LEVEL PROPOSED REDUCED LEVEL
	100/150 Ø GARDEN GULLY	■ DP	DOWNPIPE
∲	DRAINAGE PIPE	= SP	SPITTER/SPREADER
	AERIAL PIPE	(CB)	CLEANING EYE
S.L.	SURFACE LEVEL		SEDIMENT FENCE
I.L.	INVERT LEVEL		AG LINE
F.F.L.	FINISHED FLOOR LEVEL		OVERLAND FLOW

	6 X AQUACOMB STORAG (USE 225 HIGH - 250L F AS SHOWN ON PLA
	PROVIDE A RAINWATER 1500L IN CAPACITY TO ALL BASIX REQUIREM TANK TO BE CONNECT SPECIFIED IN BASIX RE
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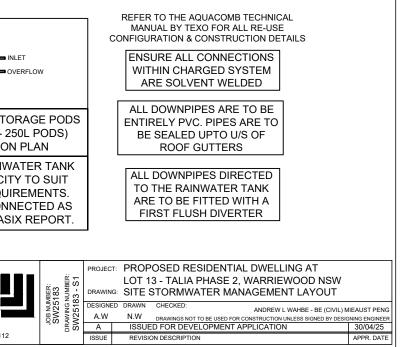
CIVIL EN P: 02 9802 5509 E: admin@alwdesign.com.au M: 0413 763 432 69 DELANGE ROAD, PUTNEY NSW 2112

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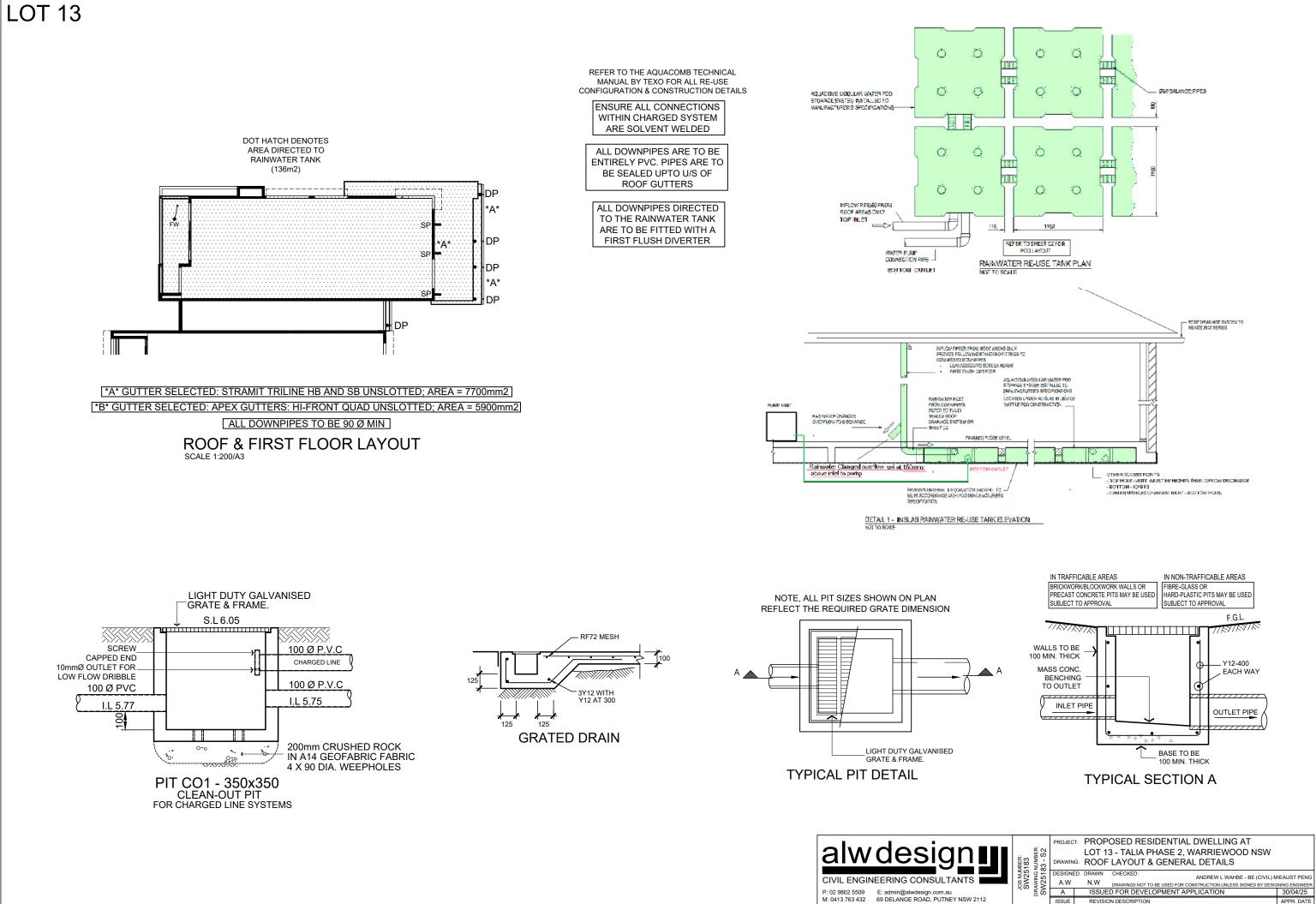
AN ON SITE DETENTION SYSTEM HAS BEEN PROVIDED TO CATER FOR THE ENTIRE SUB-DIVISION. REFER TO APPROVED DETAILED CIVIL ENGINEERING WORKS DRAWINGS PREPARED BY ENSPIRE SOLUTIONS (PROJECT NUMBER: 220122).

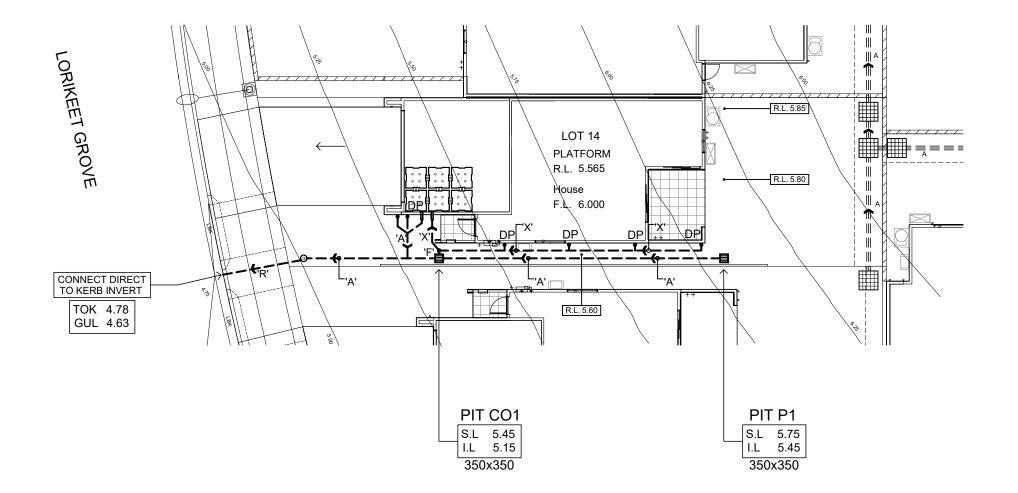
GRATED DRAIN S.L 6.27 I.L 6.15 150 WIDE

CONNECT TO EX STORMWATER PIT. LEVELS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION



ISSUED FOR CDC APPROVAL







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	POSITION OF PITS TO BE TO) THE	DISCRETION OF	THE BUILDER & PLUMBER DURING CON	STRUCTION. IF IN I	OOUBT CONTACT DESIGN ENGINEER.
STORMWATER LAYOUT NOTES				LEGEND		
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PRACTICE & MATERIALS TO MEET ACCEPTED SPECIFICATIONS.

SITE STORMWATER MANAGEMENT LAYOUT

SCALE 1:200/A3

VERIFY THE DATUM & RESPECTIVE LEVELS PRIOR TO

OVERELO 6 X AQUACOMB STORAGE PODS (USE 225 HIGH - 250L PODS) AS SHOWN ON PLAN PROVIDE A RAINWATER TANK 1500L IN CAPACITY TO ALL BASIX REQUIREM TANK TO BE CONNECT SPECIFIED IN BASIX RI



TO Me CT	SUIT SUIT ENTS. ED AS PORT.		ALL DOWNPIPES DIRECTED TO THE RAINWATER TANK ARE TO BE FITTED WITH A FIRST FLUSH DIVERTER	
		PROJEC	TE PROPOSED RESIDENTIAL DWELLING AT	
	S18		LOT 14 - TALIA PHASE 2, WARRIEWOOD NSW	
	JOB NUMBER: SW25184 RAWING NUMBER W25184 - S1	DRAWIN	G: SITE STORMWATER MANAGEMENT LAYOUT	
		DESIGNE	ED DRAWN CHECKED: ANDREW L WAHBE - BE (CIVIL) M	IFAUST PENG
	JOB NUI SW25 SW2518 SW2518	A.W	N.W DRAWINGS NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY DESIG	
	S P S	A	ISSUED FOR DEVELOPMENT APPLICATION	30/04/25
		ISSUE	REVISION DESCRIPTION	APPR. DATE

REFER TO THE AQUACOMB TECHNICAL MANUAL BY TEXO FOR ALL RE-USE

CONFIGURATION & CONSTRUCTION DETAILS ENSURE ALL CONNECTIONS WITHIN CHARGED SYSTEM

ARE SOLVENT WELDED

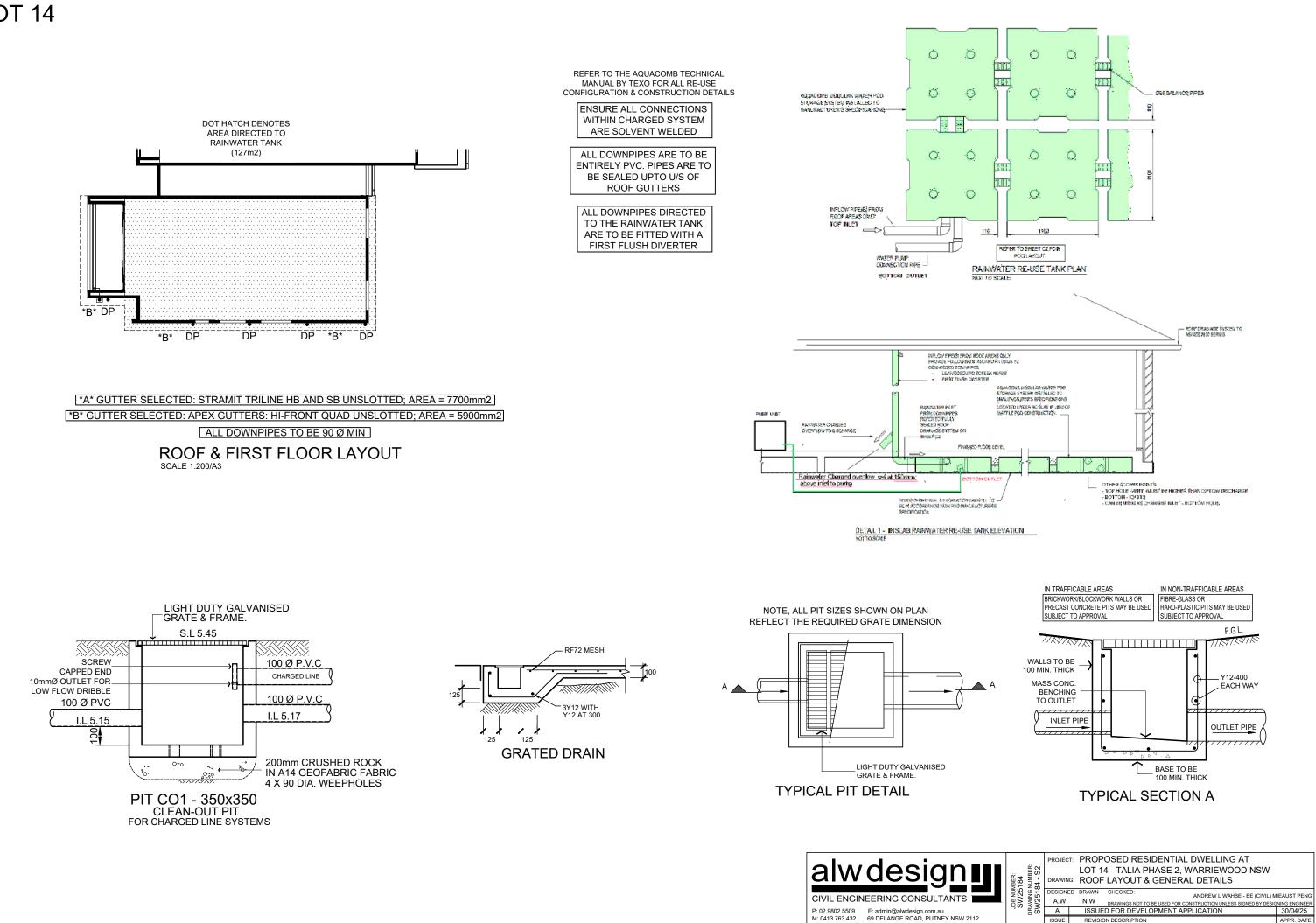
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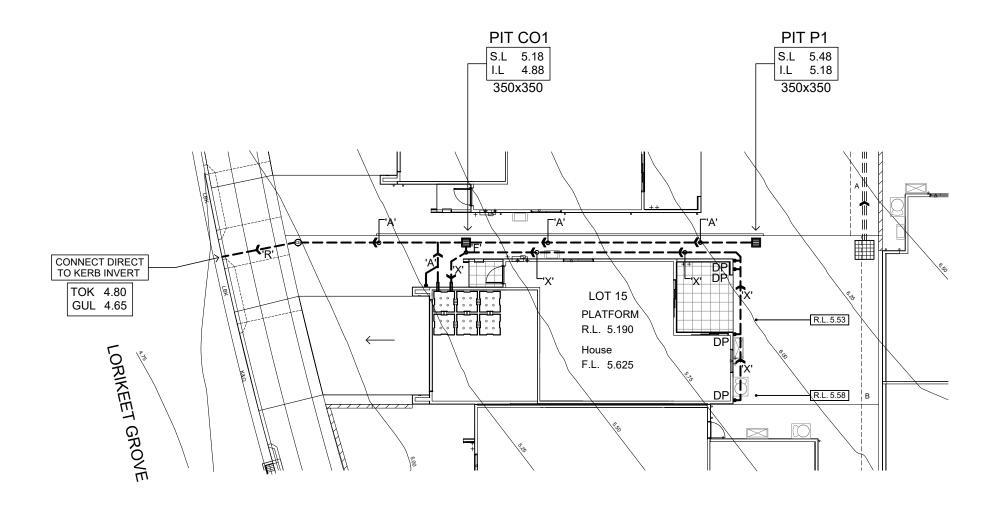
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ROOF GUTTERS

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LOT 14



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	LEGEND		
P1 ■ ♥ →	PIT LABEL SUMP PIT - PIT SIZE REFERS TO GRATE DIMENSIONS 300x300 FLOOR GULLY 100/150 Ø GARDEN GULLY DRAINAGE PIPE AERIAL PIPE	G.F.L. ★ 0.00 • R.L 157.00 ■ DP ■ SP 3	GARAGE FLOOR LEVEL EXISTING REDUCED LEVEL PROPOSED REDUCED LEVEL DOWNPIPE SPITTER/SPREADER CLEANING EYE
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TO Me Cti	TANK SUIT ENTS. ED AS PORT.		ALL DOWNPIPES DIRECTED TO THE RAINWATER TANK ARE TO BE FITTED WITH A FIRST FLUSH DIVERTER	
	ser: S1	PROJEC	PROPOSED RESIDENTIAL DWELLING AT LOT 15 - TALIA PHASE 2, WARRIEWOOD NSW	
	MBER: 5185 NUMBER 85 - S1	DRAWIN		
	JOB NUMBER: SW25185 DRAWING NUMB SW25185 - 5	DESIGNE A.W	ANDREW L WAHBE - BE (CIVIL)	IGNING ENGINEER
	S N	A	ISSUED FOR DEVELOPMENT APPLICATION	30/04/25
		ISSUE	REVISION DESCRIPTION	APPR. DATE
			ISSUED FOR CDC APPROVAL	

REFER TO THE AQUACOMB TECHNICAL
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ENSURE ALL CONNECTIONS

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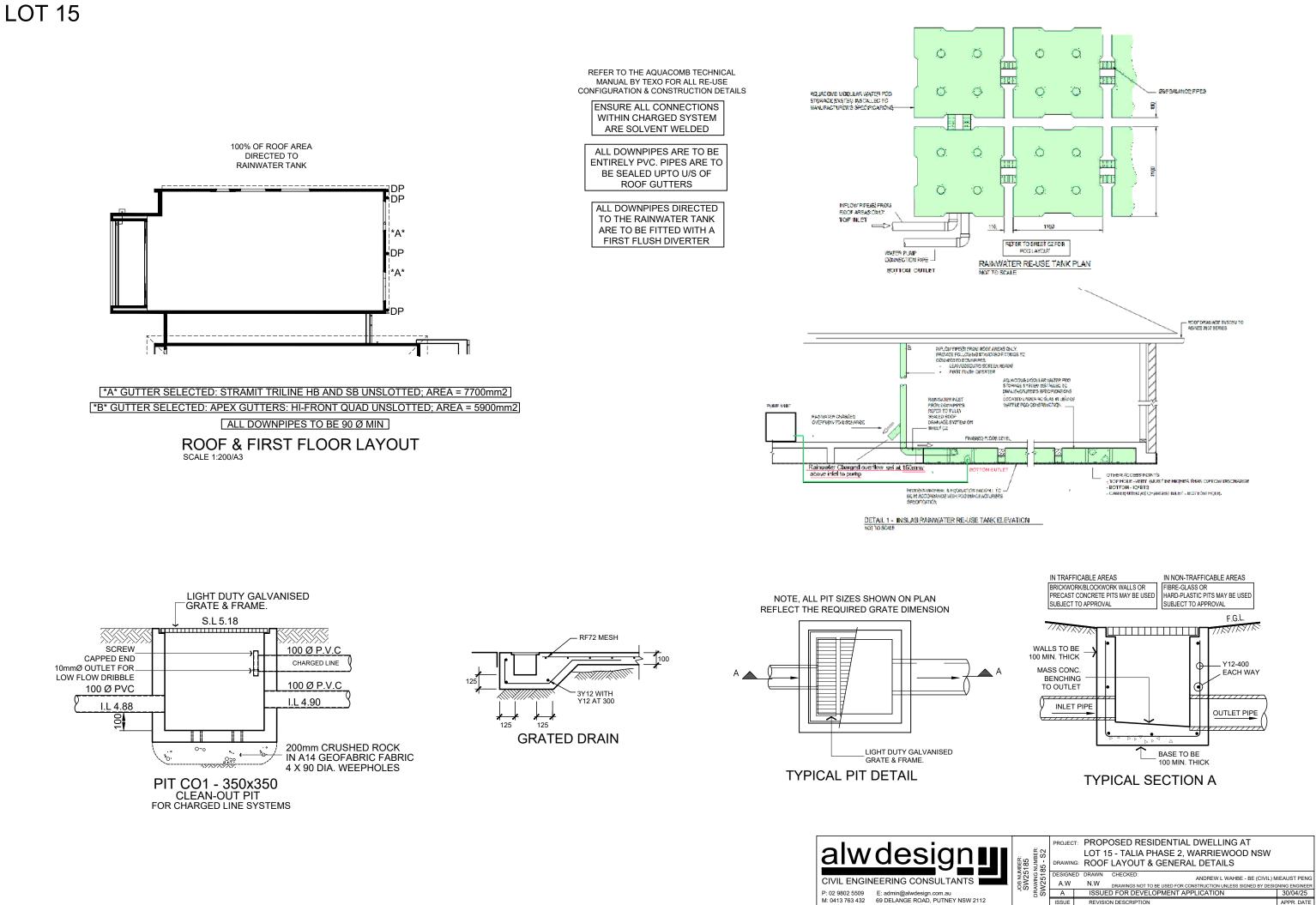
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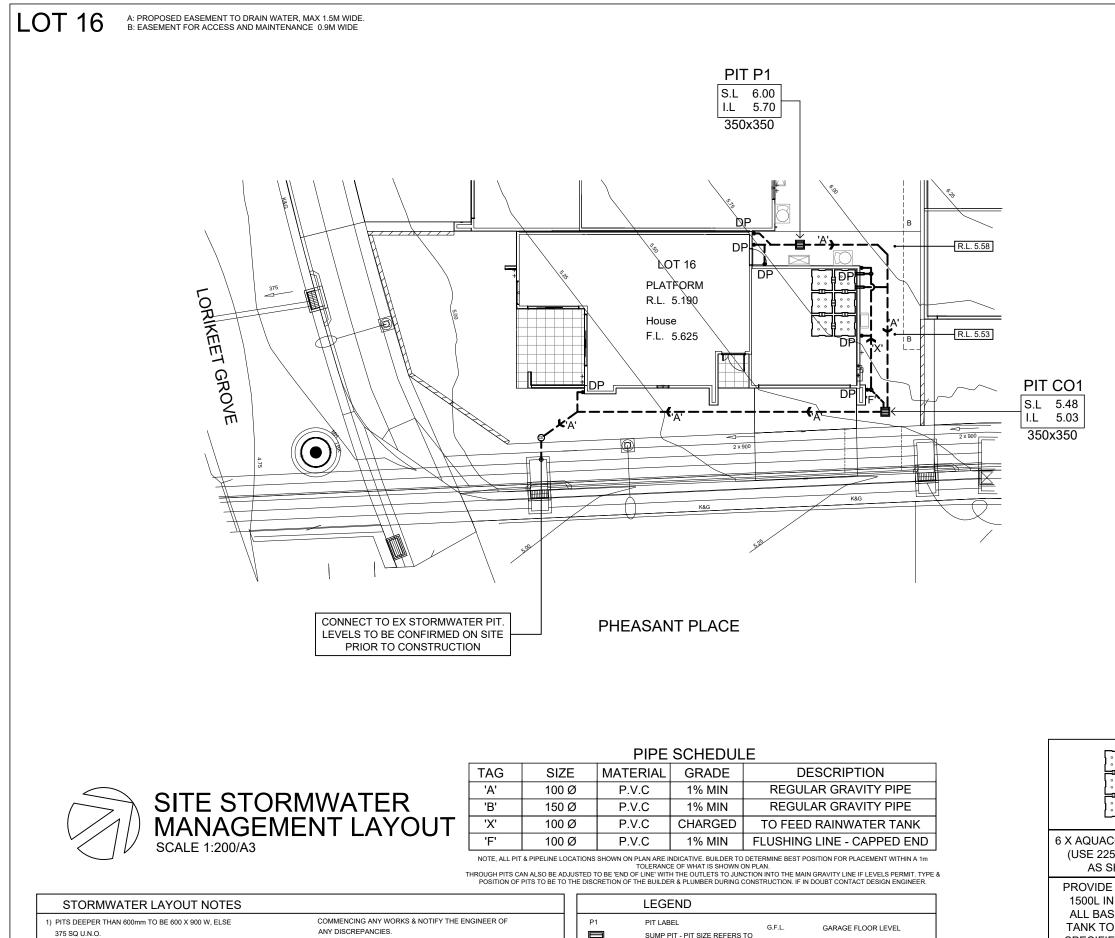
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ISSUED FOR CDC APPROVAL





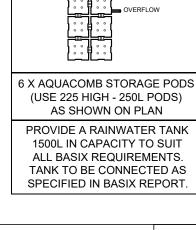
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	GANAGETEOON LEVEL	
	EXISTING REDUCED LEVEL	
0	PROPOSED REDUCED LEVEL	
	DOWNPIPE	
	SPITTER/SPREADER	
	CLEANING EYE	
	SEDIMENT FENCE	
-	AG LINE	
	OVERLAND FLOW	



CIVIL ENGINEERING CONSULTANTS P: 02 9802 5509 M: 0413 763 432 E: admin@alwdesign.com.au 69 DELANGE ROAD, PUTNEY NSW 2112

		PROJECT	PROF	OSED RESIDENTIAL DWELLING AT	
	UMBER: 5186 6 NUMBER: 186 - S1	DRAWING		6 - TALIA PHASE 2, WARRIEWOOD NSW STORMWATER MANAGEMENT LAYOUT	
	ZNZIO	DESIGNED	DRAWN	CHECKED: ANDREW L WAHBE - BE (CIVIL) M	IIFAUST PENG
	SW2	A.W	N.W	DRAWINGS NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY DESIG	
	SV SV	Α	ISSUE	ED FOR DEVELOPMENT APPLICATION	30/04/25
		ISSUE	REVISI	ON DESCRIPTION	APPR. DATE
			ISSUE	D FOR CDC APPROVAL	

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TO THE RAINWATER TANK

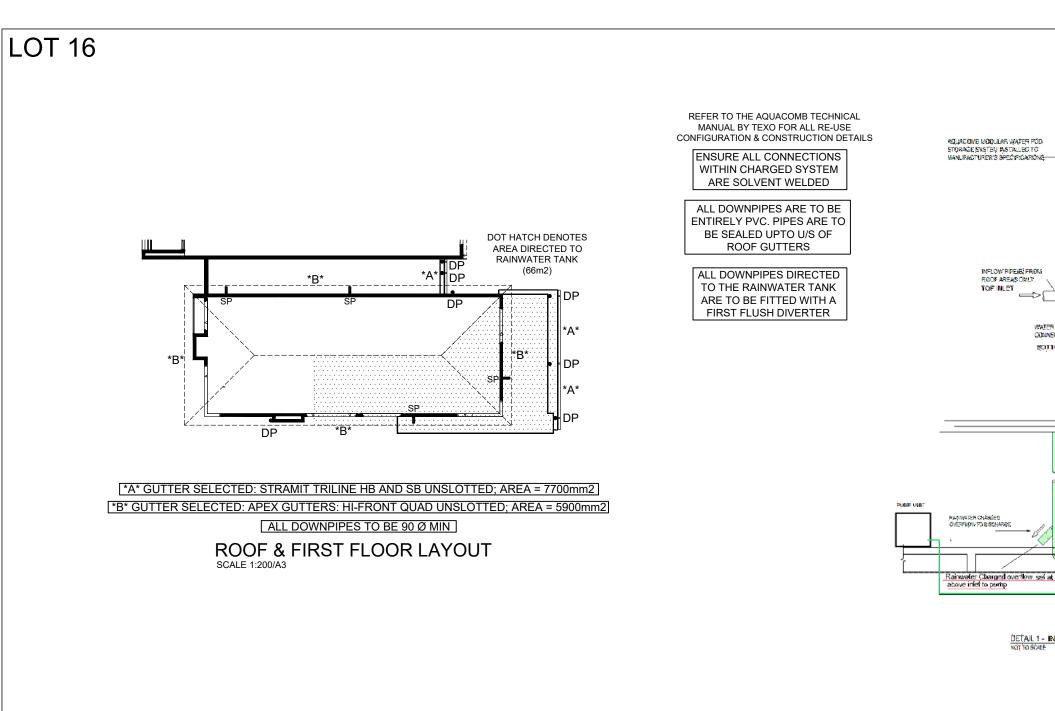
ARE TO BE FITTED WITH A

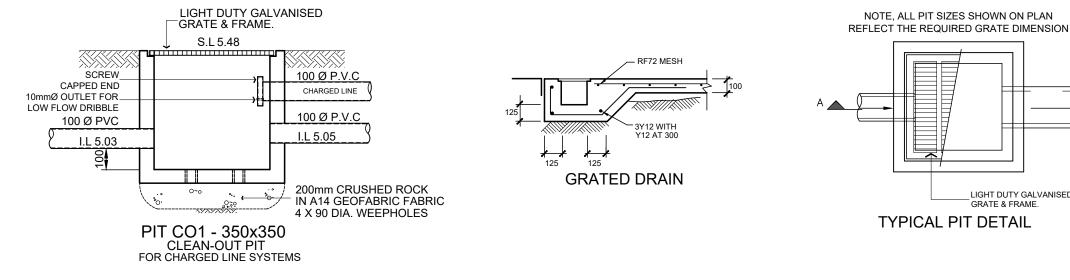
FIRST FLUSH DIVERTER

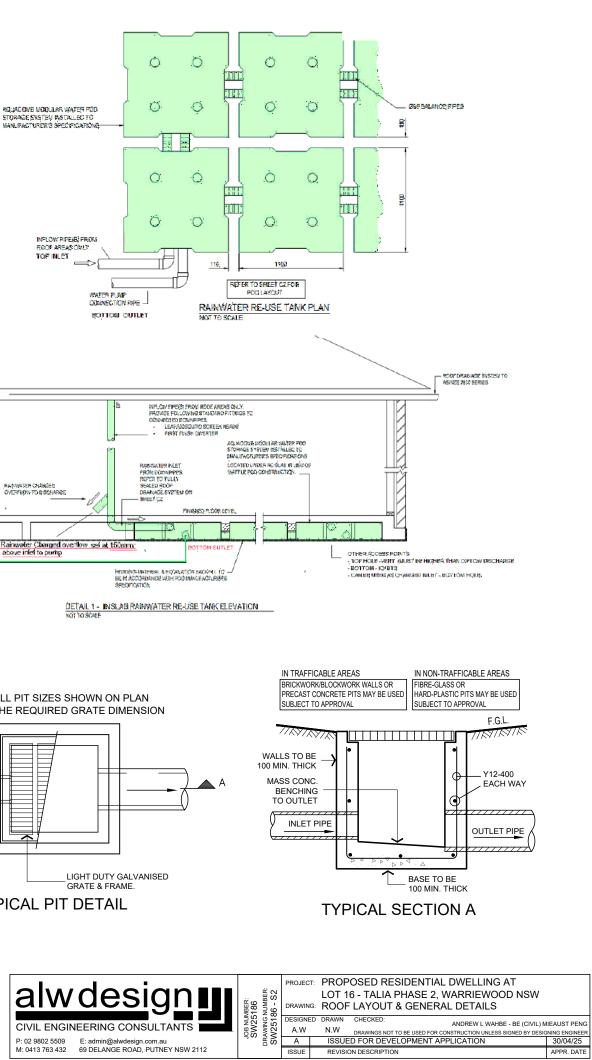
SOLUTIONS (PROJECT NUMBER: 220122).			

AN ON SITE DETENTION SYSTEM HAS BEEN

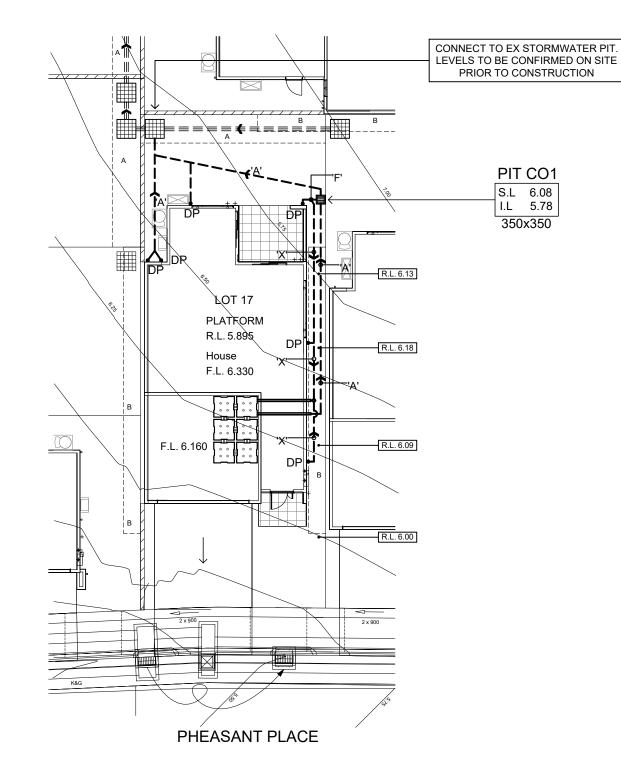
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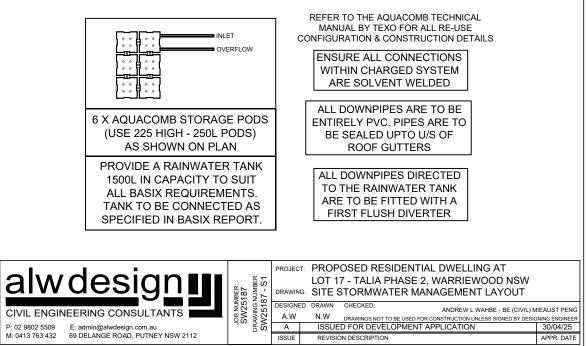
A: PROPOSED EASEMENT TO DRAIN WATER, MAX 1.5M WIDE. B: EASEMENT FOR ACCESS AND MAINTENANCE 0.9M WIDE LOT 17





G	SIZE	MATERIAL	GRADE	DESCRIPTION
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3'	150 Ø	P.V.C	1% MIN	REGULAR GRAVITY PIPE
(100 Ø	P.V.C	CHARGED	TO FEED RAINWATER TANK
; '	100 Ø	P.V.C	1% MIN	FLUSHING LINE - CAPPED END
	(G \' 8' (' 	100 Ø 3' 150 Ø (' 100 Ø	N 100 Ø P.V.C B' 150 Ø P.V.C K' 100 Ø P.V.C	N 100 Ø P.V.C 1% MIN B' 150 Ø P.V.C 1% MIN K' 100 Ø P.V.C 1% MIN

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	300x300 FLOOR GULLY	• R.L 157.00	F
¢	100/150 Ø GARDEN GULLY	DP	C
	DRAINAGE PIPE	SP	S
	AERIAL PIPE	6	C
S.L.	SURFACE LEVEL		5
I.L.	INVERT LEVEL	AG AG	A
F.F.L.	FINISHED FLOOR LEVEL	\implies	C

	G.F.L.	GARAGE FLOOR LEVEL
)	* 0.00	EXISTING REDUCED LEVEL
	• R.L 157.00	PROPOSED REDUCED LEVEL
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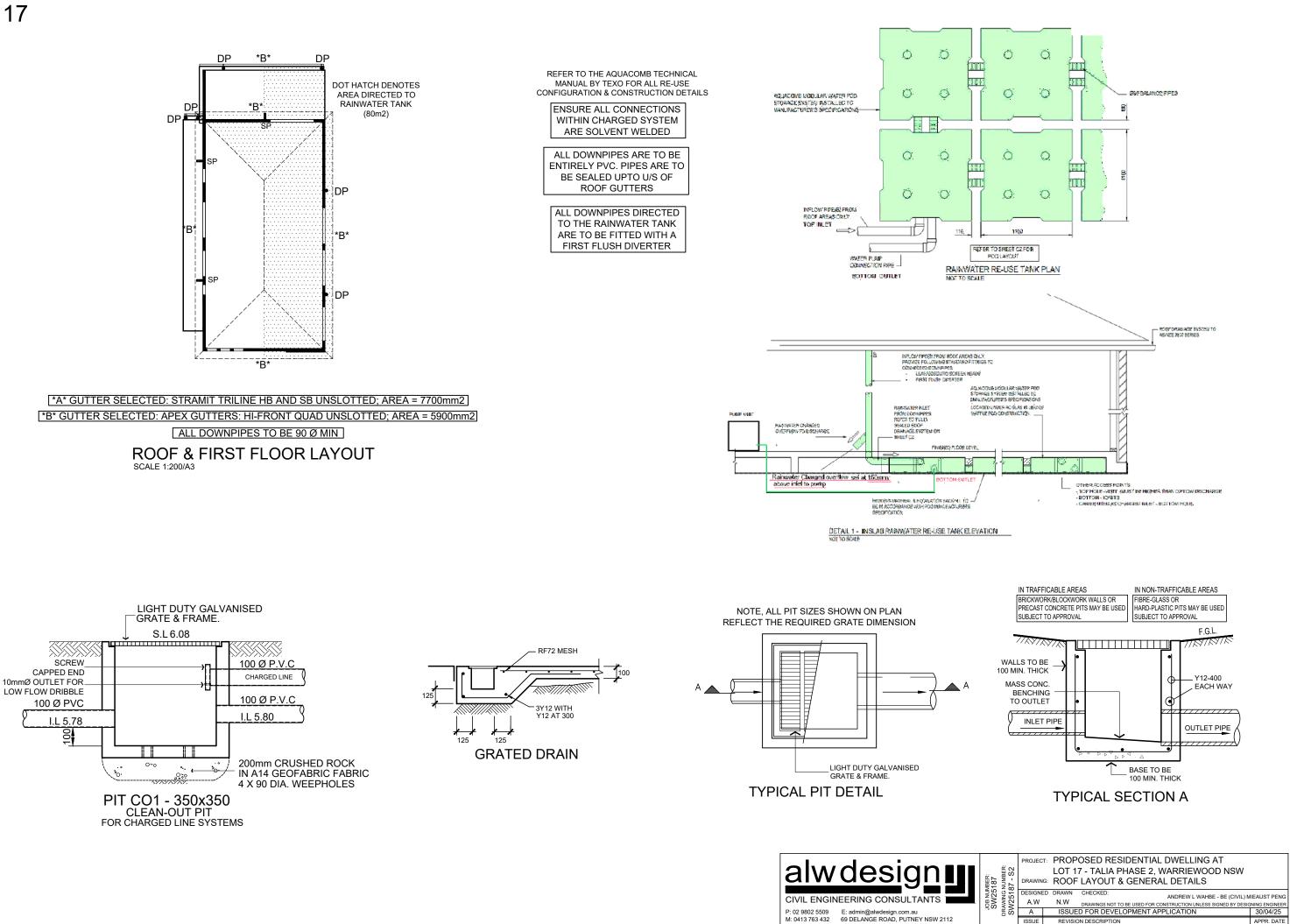
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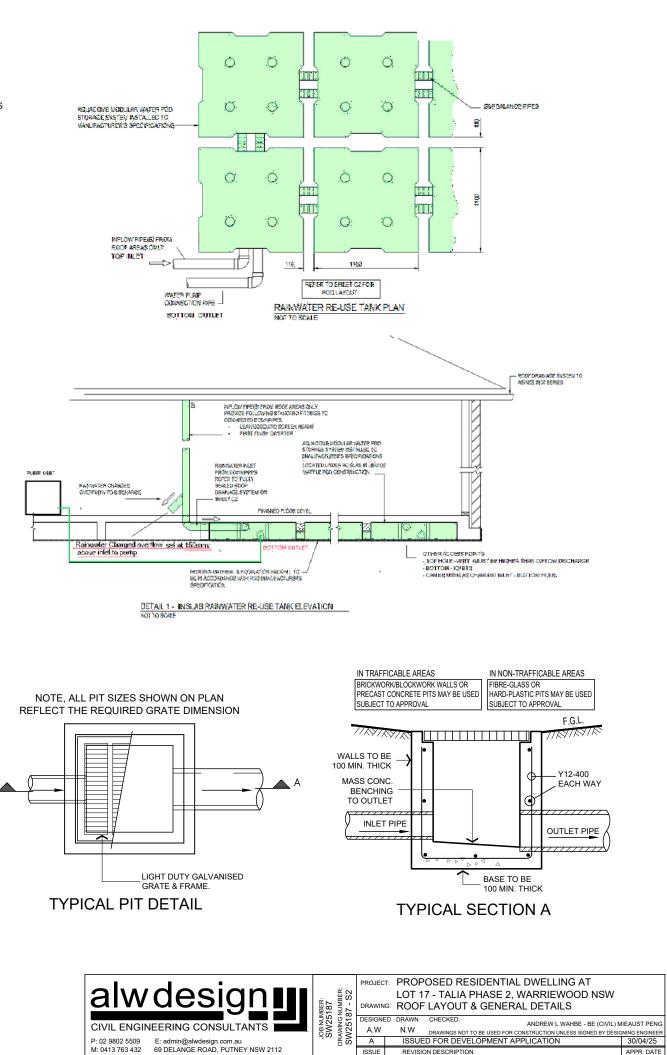
SITE STORMWATER MANAGEMENT LAYOUT SCALE 1:200/A3

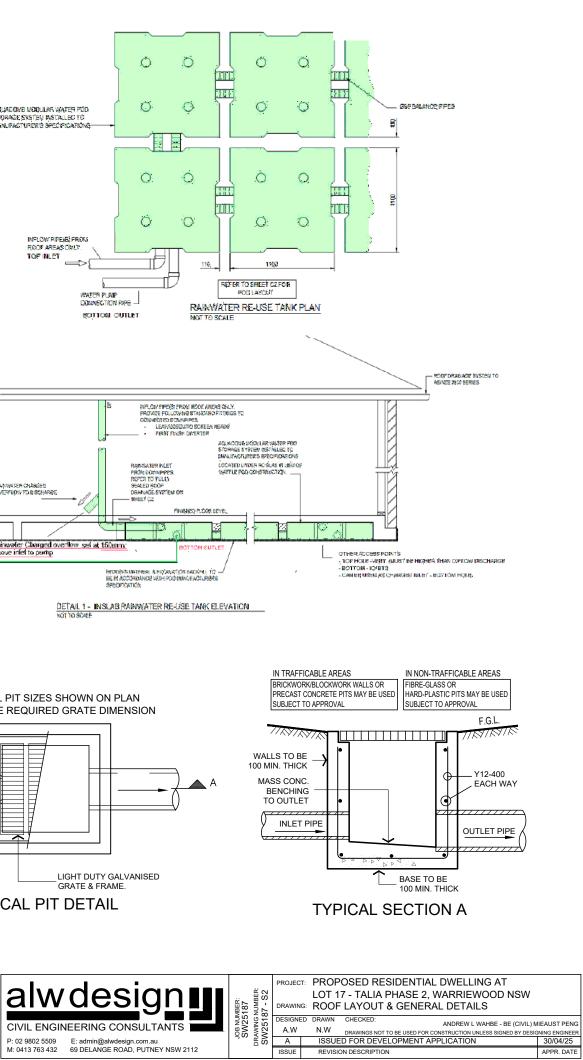
PIPE SCHEDULE

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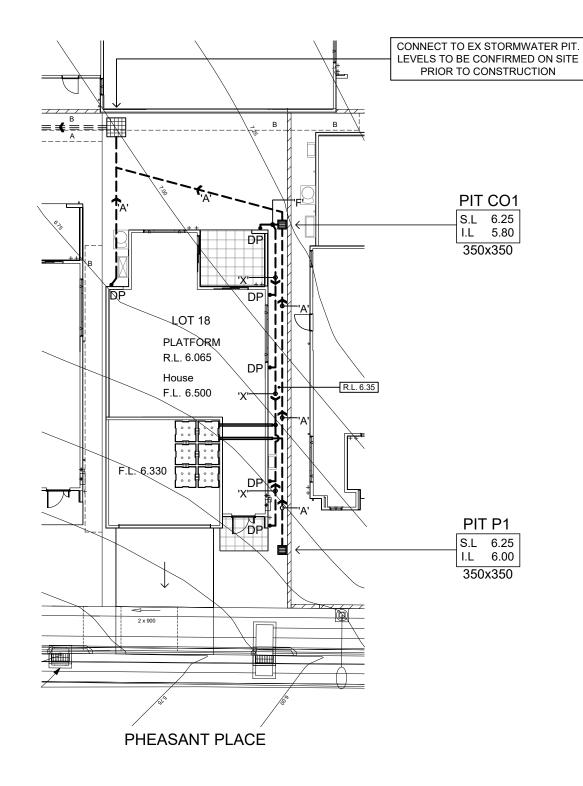
LOT 17







A: PROPOSED EASEMENT TO DRAIN WATER, MAX 1.5M WIDE. LOT 18 B: EASEMENT FOR ACCESS AND MAINTENANCE 0.9M WIDE





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- 5) PITS TO BE STANDARD PRECAST CONCRETE PITS OR BRICK RENDERED WITH CONCRETE HEAVY DUTY GRATES SIZED AS PITS PER PLAN.
- 6) NO SEWER VENTS, GULLY PITS OR SIMILAR TO BE LOCATED BELOW THE MAXIMUM WATER SURFACE LEVEL IN DETENTION BASINS
- 7) PERSONS UTILISING THIS PLAN FOR ANY PURPOSES SHALL VERIFY THE DATUM & RESPECTIVE LEVELS PRIOR TO

COMMENCING ANY WORKS & NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

- 8) DRIVEWAY LEVELS PROVIDED FOR DRAINAGE DESIGN PURPOSES ONLY. LEVELS MAY BE ADJUSTED TO SUIT FINAL HOUSE CUT/FILL CONDITIONS BUT NEED TO MAINTAIN INTENT OF DRAINAGE SYSTEM. ENGINEER TO BE CONSULTED PRIOR TO CONSTRUCTION TO ENSURE INTENT MAINTAINED.
- 9) END OF EXISTING DRAINAGE LINE TO BE EXPOSED & LEVELS CONFIRMED BY BUILDER PRIOR TO COMMENCEMENT OF WORKS.
- 10) BUILDERS TO ENSURE SERVICES CONNECTIONS TO HOUSE DO NOT CONFLICT WITH DRAINAGE DESIGN REQUIREMENTS. 11) ALL WORKS TO BE CONSTRUCTED TO GOOD BUILDING

PRACTICE & MATERIALS TO MEET ACCEPTED SPECIFICATIONS

	LEGEND		
P1	PIT LABEL	G.F.L.	GAR
	SUMP PIT - PIT SIZE REFERS TO GRATE DIMENSIONS	*0.00	EXIS
	300x300 FLOOR GULLY	• R.L 157.00	PRO
0	100/150 Ø GARDEN GULLY		DOV
_ ` _	DRAINAGE PIPE	SP	SPIT
	AERIAL PIPE	ē	CLE
S.L.	SURFACE LEVEL		SED
I.L.	INVERT LEVEL	— AG — AG —	AG L

F.F.L.

GARAGE FLOOR LEVEL
EXISTING REDUCED LEVEL
PROPOSED REDUCED LEVEL
DOWNPIPE
SPITTER/SPREADER
CLEANING EYE
SEDIMENT FENCE
AG LINE
OVERLAND FLOW

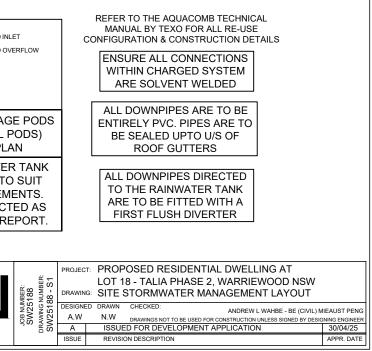
	LEGEND		
	PIT LABEL	G.F.L.	GARAGE FLOOR LEVEL
	SUMP PIT - PIT SIZE REFERS TO GRATE DIMENSIONS	* 0.00	EXISTING REDUCED LE
	300x300 FLOOR GULLY	• R.L 157.00	PROPOSED REDUCED
	100/150 Ø GARDEN GULLY	DP	DOWNPIPE
-	DRAINAGE PIPE	SP	SPITTER/SPREADER
-	AERIAL PIPE	6	CLEANING EYE
	SURFACE LEVEL		SEDIMENT FENCE
	INVERT LEVEL	AG AG	AG LINE
	FINISHED FLOOR LEVEL	\implies	OVERLAND FLOW

AN ON SITE DETENTION SYSTEM HAS BEEN PROVIDED TO CATER FOR THE ENTIRE SUB-DIVISION. REFER TO APPROVED DETAILED CIVIL ENGINEERING WORKS DRAWINGS PREPARED BY ENSPIRE SOLUTIONS (PROJECT NUMBER: 220122).

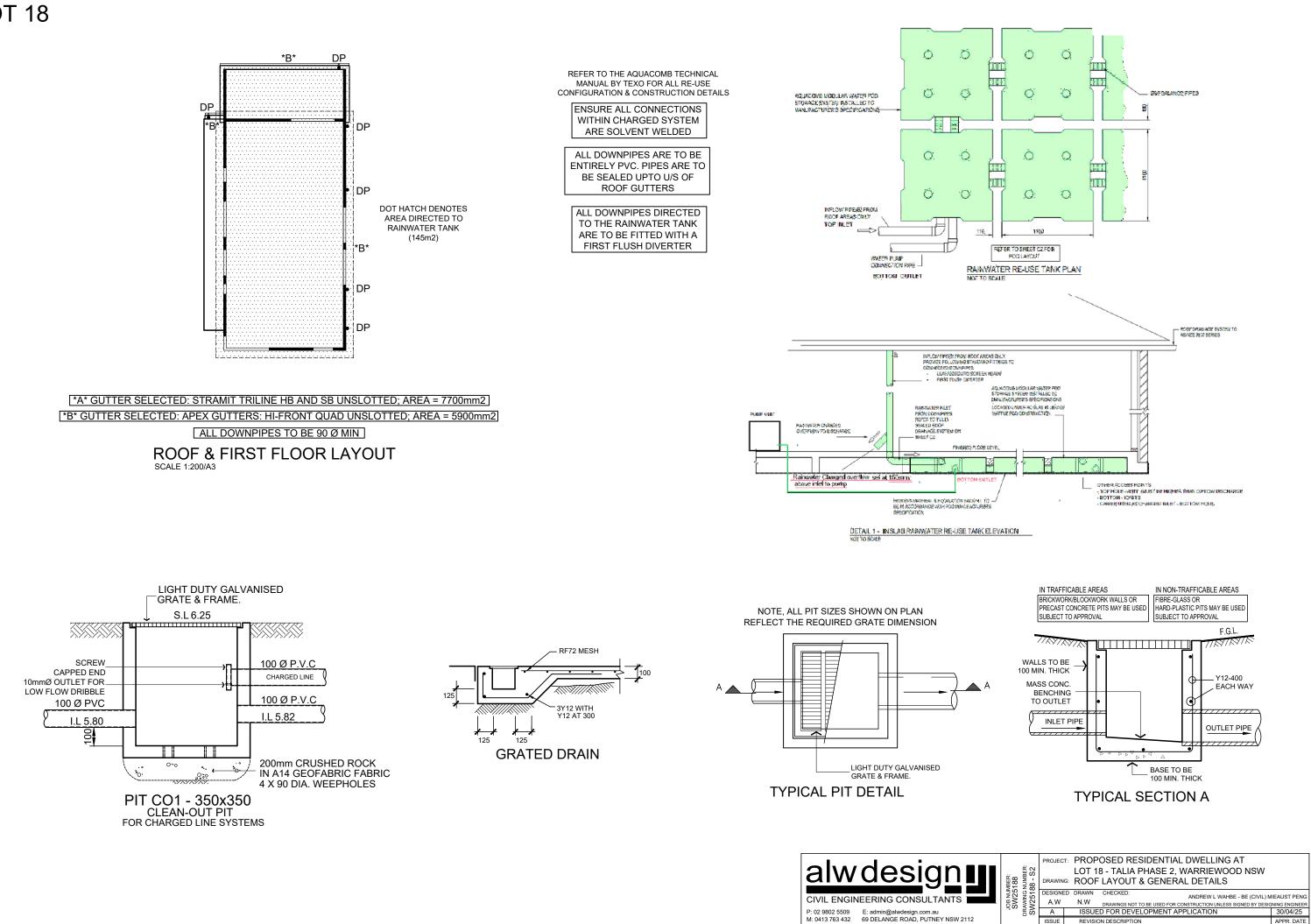
SITE STORMWATER MANAGEMENT LAYOUT SCALE 1:200/A3

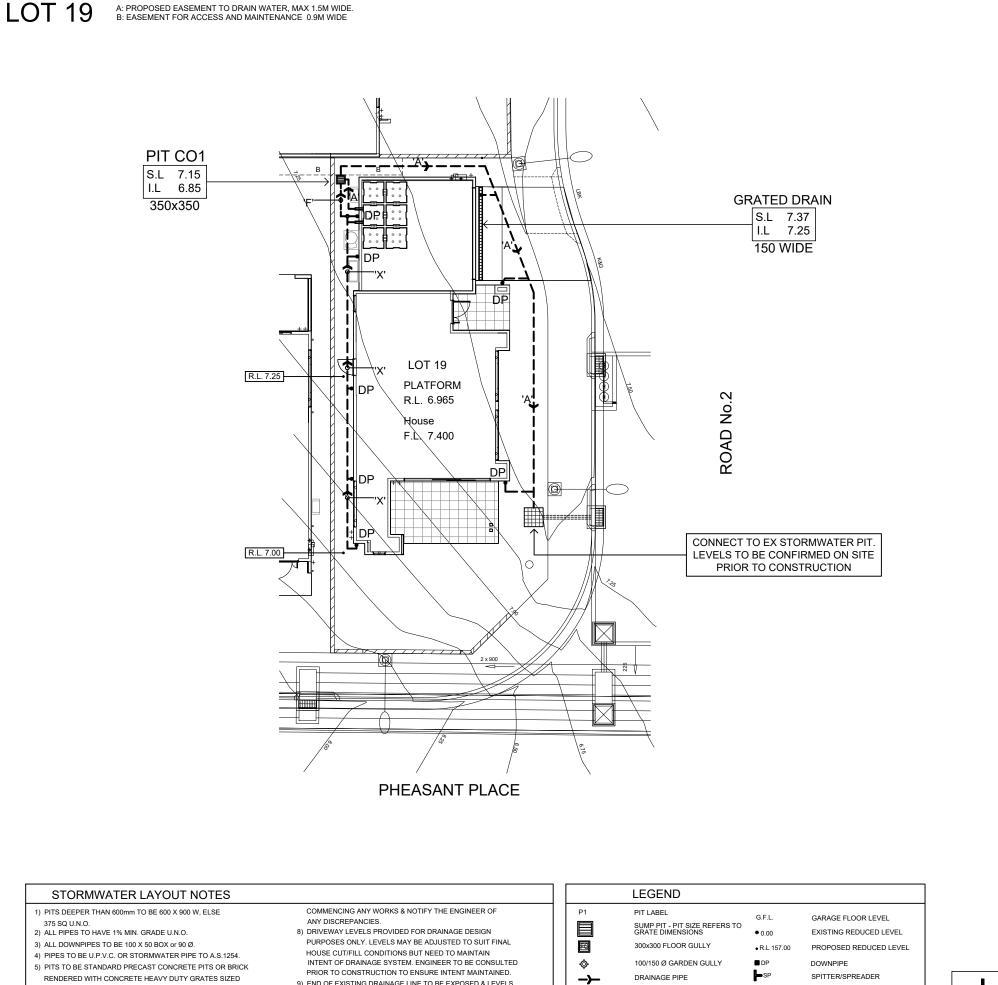
PIPE SCHEDULE

NOTE, ALL PIT & PIPELINE LOCATIONS SHOWN ON PLAN ARE INDICATIVE. BUILDER TO DETERMINE BEST POSITION FOR PLACEMENT WITHIN A 1m TOLERANCE OF WHAT IS SHOWN ON PLAN. THROUGH PITS CAN ALSO BE ADJUSTED TO BE 'END OF LINE' WITH THE OUTLETS TO JUNCTION INTO THE MAIN GRAVITY LINE IF LEVELS PERMIT. TYPE & POSITION OF PITS TO BE TO THE DISCRETION OF THE BUILDER & PLUMBER DURING CONSTRUCTION. IF IN DOUBT CONTACT DESIGN ENGINEER.



LOT 18





9) END OF EXISTING DRAINAGE LINE TO BE EXPOSED & LEVELS

NOT CONFLICT WITH DRAINAGE DESIGN REQUIREMENTS.

10) BUILDERS TO ENSURE SERVICES CONNECTIONS TO HOUSE DO

PRACTICE & MATERIALS TO MEET ACCEPTED SPECIFICATIONS.

CONFIRMED BY BUILDER PRIOR TO COMMENCEMENT

11) ALL WORKS TO BE CONSTRUCTED TO GOOD BUILDING

OF WORKS.

AERIAL PIPE

SURFACE LEVEL

FINISHED FLOOR LEVEL

INVERT LEVEL

S.L.

I.L.

F.F.L.

œ

_____ AG _____ AG ____

 \implies

CLEANING EYE

AG LINE

SEDIMENT FENCE

OVERLAND FLOW

AS PITS PER PLAN.

BASINS

6) NO SEWER VENTS, GULLY PITS OR SIMILAR TO BE LOCATED

7) PERSONS UTILISING THIS PLAN FOR ANY PURPOSES SHALL

VERIFY THE DATUM & RESPECTIVE LEVELS PRIOR TO

BELOW THE MAXIMUM WATER SURFACE LEVEL IN DETENTION



TAG	SIZE	MATERIAL	GRADE	DESCRIPTION
'A'	100 Ø	P.V.C	1% MIN	REGULAR GRAVITY PIPE
'B'	150 Ø	P.V.C	1% MIN	REGULAR GRAVITY PIPE
'X'	100 Ø	P.V.C	CHARGED	TO FEED RAINWATER TANK
'F'	100 Ø	P.V.C	1% MIN	FLUSHING LINE - CAPPED END

6 X AQUACOMB STORAGE (USE 225 HIGH - 250L PC AS SHOWN ON PLAT PROVIDE A RAINWATER 1500L IN CAPACITY TO ALL BASIX REQUIREME TANK TO BE CONNECTE SPECIFIED IN BASIX REP	ODS) N TANK SUIT ENTS. ED AS	REFER TO THE AQUACOMB TECHNICAL MANUAL BY TEXO FOR ALL RE-USE NFIGURATION & CONSTRUCTION DETAIL ENSURE ALL CONNECTIONS WITHIN CHARGED SYSTEM ARE SOLVENT WELDED ALL DOWNPIPES ARE TO BE ENTIRELY PVC. PIPES ARE TO BE SEALED UPTO U/S OF ROOF GUTTERS ALL DOWNPIPES DIRECTED TO THE RAINWATER TANK ARE TO BE FITTED WITH A FIRST FLUSH DIVERTER	LS	
RING CONSULTANTS	JOB NUMBER: SW25189 DRAWING NUMBER: SW25189 - S1	PROPOSED RESIDENTIAL DWELLIN LOT 19 - TALIA PHASE 2, WARRIEWO SITE STORMWATER MANAGEMENT DRAWN CHECKED: ANDREW LWA N.W DRAWINGS NOT TO BE USED FOR CONSTRUCTION UNLE ISSUED FOR DEVELOPMENT APPLICATION REVISION DESCRIPTION	DOD NSW LAYOUT	GINEER 1/25

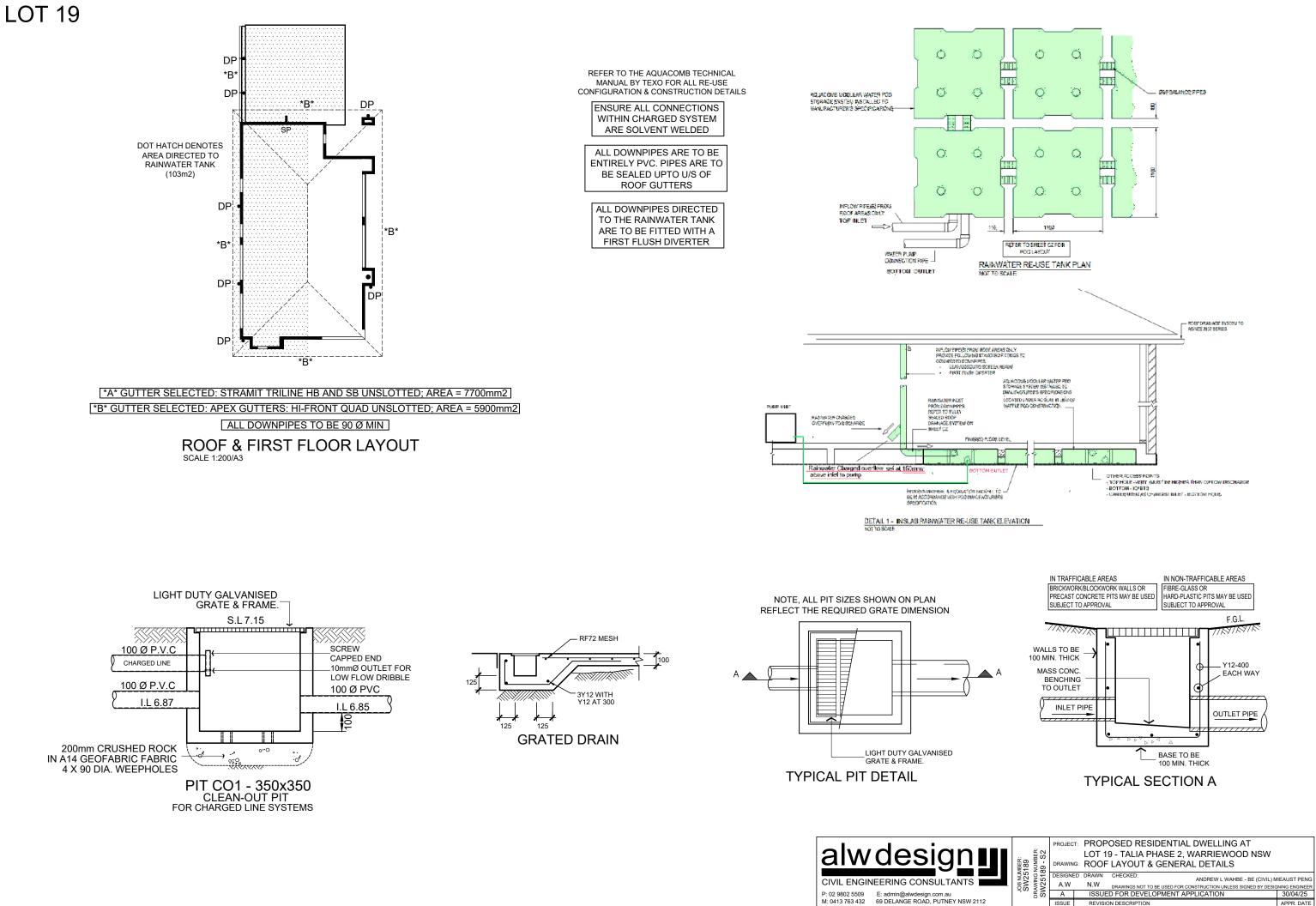


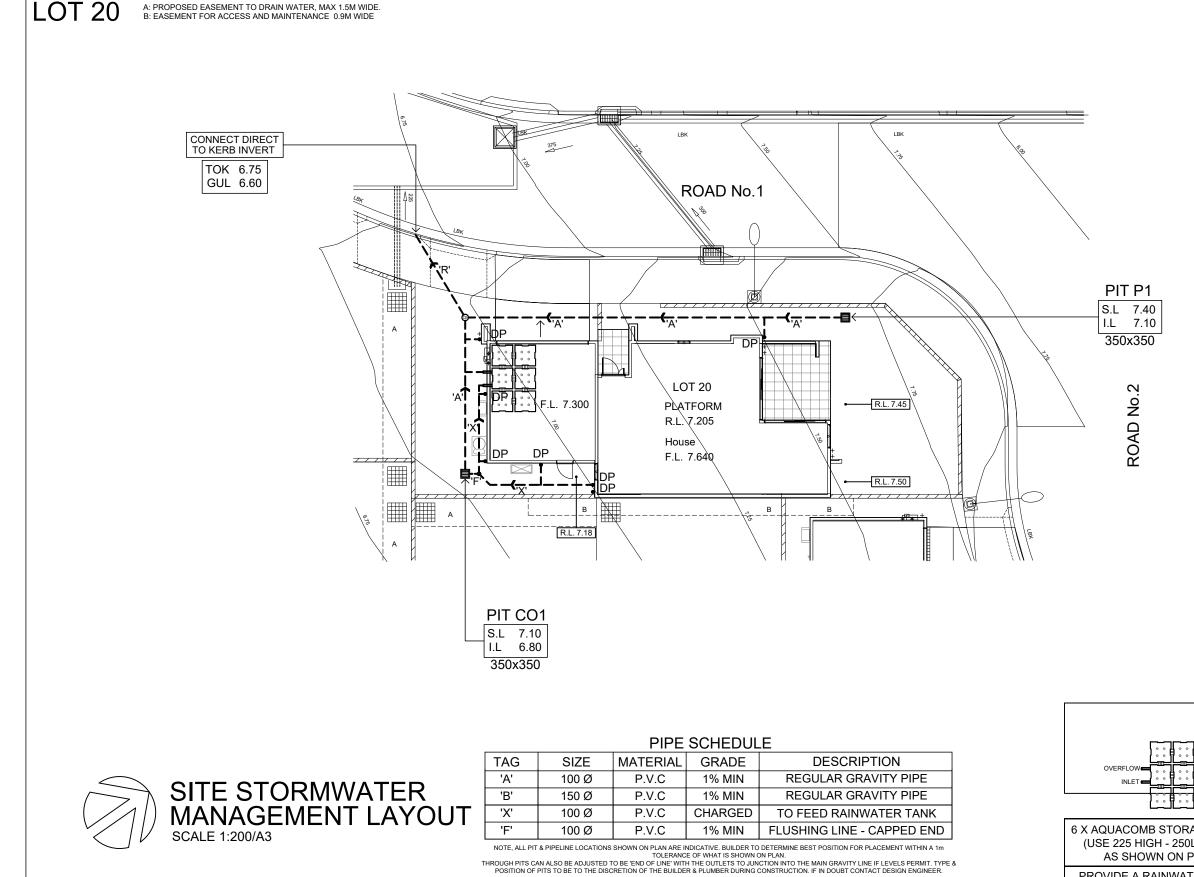
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ß	300x300 FLOOR GULLY	• R.L 157.00	PROPOSED REDUCED LEVEL
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Alwdesign U CIVIL ENGINEERING CONSULTANTS P: 02 9802 5509 M: 0413 763 432 E: admin@alwdesign.com.au 69 DELANGE ROAD, PUTNEY NSW 2112	JOB NUMBER: SW25190 DRAWING NUMBER: SW25190 - S1	PROJECT: PROPOSED RESIDENTIAL DWELLING AT LOT 20 - TALIA PHASE 2, WARRIEWOOD NSW DRAWING: DRAWING: SITE STORMWATER MANAGEMENT LAYOUT DESIGNED DRAWN CHECKED: ANDREW L WAHBE - BE (CIVIL) MIEAUST PENG A.W N.W DRAWINGS NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED BY DESIGNING ENGINEER A ISSUED FOR DEVELOPMENT APPLICATION 30/04/25 30/04/25 ISSUE REVISION DESCRIPTION

MANUAL BY TEXO FOR ALL RE-USE **CONFIGURATION & CONSTRUCTION DETAILS**

REFER TO THE AQUACOMB TECHNICAL

ENSURE ALL CONNECTIONS

WITHIN CHARGED SYSTEM

ARE SOLVENT WELDED

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ISSUED FOR CDC APPROVAL

