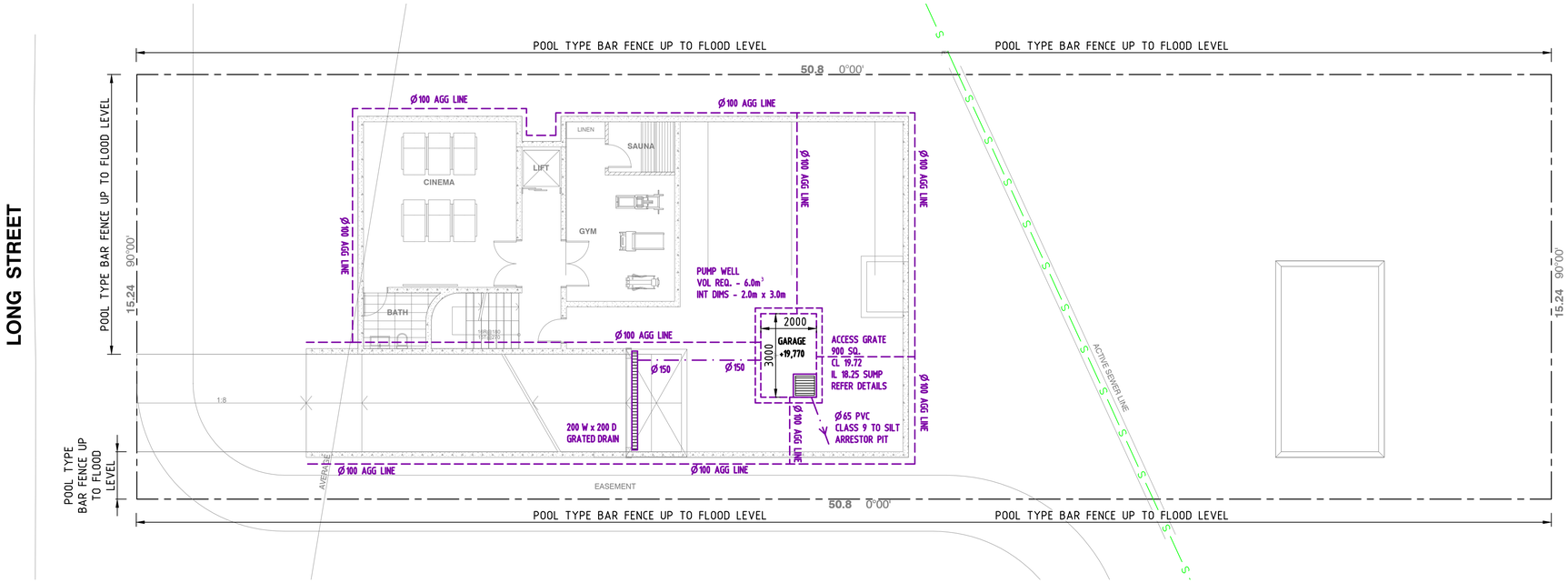


LEGEND

RL	REDUCED LEVEL
CL	COVER LEVEL
IL	INVERT LEVEL
GSIP	GRATED SURFACE INLET PIT
OSD	ON-SITE DETENTION
TWL	TOP WATER LEVEL
BWL	BOTTOM WATER LEVEL
TW	TOP OF WALL
IO	INSPECTION OPENING
ARI	AVERAGE RECURRENCE INTERVAL
FW	FLOOR WASTE
AHD	AUSTRALIAN HEIGHT DATUM
PSD	PERMISSIBLE SITE DISCHARGE
HED	HIGH EARLY DISCHARGE
RHS	RECTANGULAR HOLLOW SECTION
SS	STAINLESS STEEL
FRC	FIBER REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE
RRJ	RUBBER RING JOINT
U/S	UNDERSIDE OF SLAB
O/S	OVER THE SLAB
O/F	OVERFLOW
DP ●	DOWN PIPE
	DROPPER
RWO	RAIN WATER OUTLET
RWH	RAIN WATER HEAD
FFL	FINISHED FLOOR LEVEL

GENERAL NOTES:

1. ALL SERVICES ARE TO BE LOCATED IN THE FIELD IN CONJUNCTION WITH A RESPONSIBLE OFFICER OF EACH RELEVANT AUTHORITY PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. DRAINAGE PITS ARE TO BE A 450mm SQUARE OR LARGER AS SHOWN, AND FITTED WITH A GALVANIZED GRATE.
3. ALL PITS ARE TO HAVE A GALVANISED GRATE AND FRAME. FRAME TO BE CAST INTEGRALLY WITH THE PIT.
4. ALL PITS ARE TO BE BENCHED TO HALF PIPE LEVEL.
5. PROVIDE STEP IRONS WHERE PIT IS DEEPER THAN 1m. AT 450mm CENTRES.
6. DRAINAGE PIPES SHALL BE SEWER GRADE UPVC UNLESS OTHERWISE NOTED.
7. DRAINAGE PIPE SIZES ARE 100mm DIAMETER UNLESS OTHERWISE NOTED.
8. ALL BARE SOIL AREAS ARE TO BE PROTECTED FROM EROSION BY TEMPORARY MEASURES AND REVEGETATED AT THE CESSATION OF CONSTRUCTION.
9. THE DOWNHILL BOUNDARY OF THE SITE IS TO BE PROTECTED BY HAY BALES OR A FILTER FABRIC FENCE DURING CONSTRUCTION AS SHOWN IN THE ATTACHED DETAILS.
10. THE STREET DRAINAGE PIT LOCATED DOWNHILL OF THE SITE SHALL BE PROTECTED FROM SEDIMENT WITH HAY BALES.
11. A SINGLE CONSTRUCTION ENTRANCE SHALL BE ESTABLISHED IN THE MANNER SHOWN IN THE ATTACHED DETAILS.
12. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL AND STRUCTURAL ENGINEERING DOCUMENTS. ANY DISCREPANCIES SHALL BE REPORTED BY THE BUILDER TO THE ARCHITECT PRIOR TO COMMENCEMENT OF THE ITEM.
13. THESE PLANS ARE DIAGRAMMATIC AND SHOW THE GENERAL LOCATION OF STRUCTURES AND PIPES. WORK SHALL BE SET OUT ON SITE BY THE SITE FOREMAN & MAY VARY FROM THE PLANS TO THE EXTENT REQUIRED. TO ENSURE COMPATIBLE CONSTRUCTION OF OTHER SERVICES AND STRUCTURAL REQUIREMENTS. VARIATION IN LOCATION OF MORE THAN 1.0M & ANY CHANGES IN SIZE OF ANY COMPONENT NOMINATED HEREON SHALL BE REFERRED TO THE DESIGNER FOR COMMENT.
14. IF IN DOUBT, ASK THE SUPERINTENDENT WHO SHALL CONSULT THE DESIGNER.

BASEMENT FLOOR DRAINAGE PLAN SCALE - 1:100

ALL GUTTERS TO BE 200 ½ ROUND MINIMUM SIZE TO ARCHITECTURAL SPECIFICATION OR AS NOTED ON PLAN.

ALL GUTTERS TO BE PROVIDED WITH LEAF GUARD.

ALL BALCONIES ARE TO HAVE A 65mm DIAMETER OVERFLOW PIPE OR AND 80mm SQUARE OPENING ACTING AS AN OVERFLOW.

ALL DOWNPIPES TO BE 100mm DIAMETER OR 100 x 75mm MIN. TO ARCHITECTURAL SPECIFICATIONS OR AS NOTED ON PLAN.

PROVIDE AG. LINES BEHIND ALL RETAINING WALLS AND SUBSOIL DRAINAGE AS PER STRUCTURAL ENGINEERING DETAILS. ALL LINES TO DRAIN TO PITS.

* DENOTES PROPOSED LEVEL

× DENOTES EXISTING LEVEL

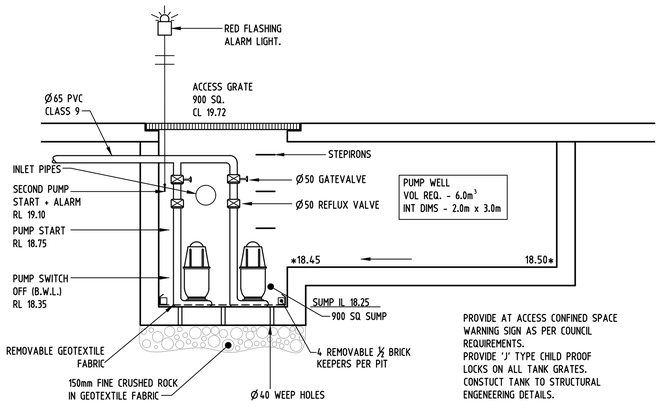
● DENOTES DOWNPIPE

PROPOSED RAINWATER PIPE

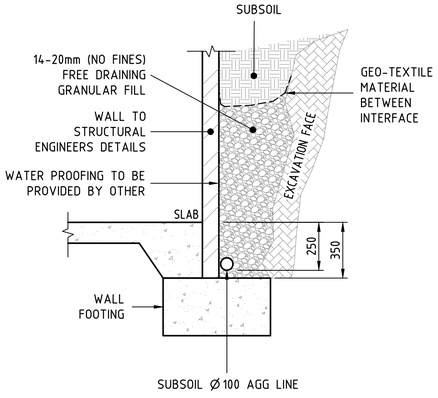
PROPOSED STORMWATER PIPE

BASEMENT PUMPING WELL

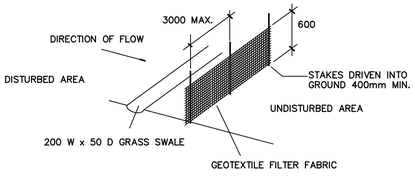
Provide two centrifugal drainage SUMP pumps with single phase electric motor capable of discharging 3.5L/s each against a total head of (5.0m) with 10 starts per hour maximum.
Class 1 Zone 2 certified pumps for hazardous areas is required
Switching shall provide for alternative operation of the pumps, high level switch ON/OFF, 2nd pump, and a red light alarm placed prominently in the basement area activated by high level switch ON.



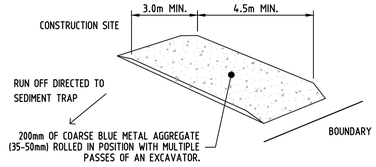
BASEMENT PUMPING SYSTEM N.T.S.



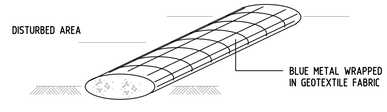
SUBSOIL DRAINAGE DETAIL N.T.S.



SEDIMENT FENCE DETAIL N.T.S.



CONSTRUCTION ENTRY/EXIT DETAIL N.T.S



SEDIMENT BARRIER N.T.S.

NOT FOR CONSTRUCTION

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B	30-01-2022	ISSUED FOR DA APPROVAL	HE
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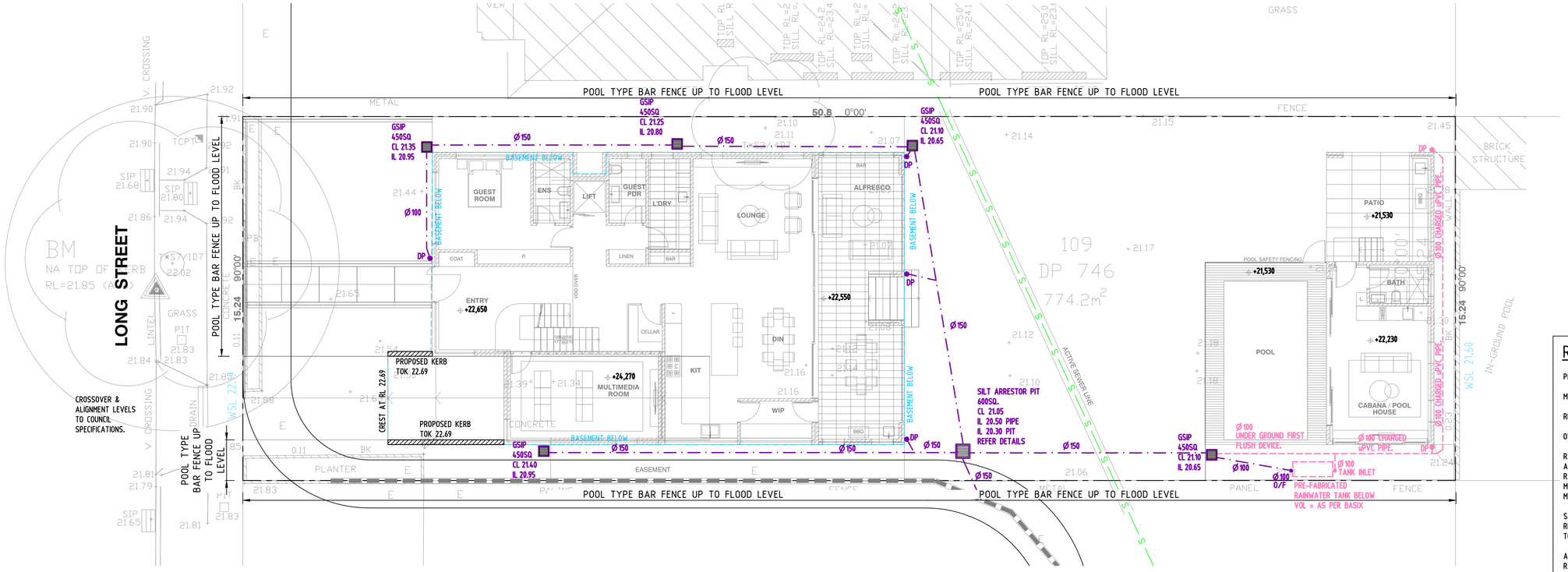
SUITE 2D / 322 KINGSGROVE RD. KINGSGROVE NSW 2208 Ph (02) 83 87 68 26

PROPOSED DEVELOPMENT AT:
46 LONG STREET, STRATHFIELD.

STORMWATER DRAINAGE / SEDIMENT CONTROL DETAILS

DRAWN	CHECKED	SCALE	DATUM	DRAWING No.	REV.
HE	D.M.ROMANOUS ,B.E., M.I.E.AUST.	AS SHOWN @A1	A.H.D	2293 - S1/3	B



NOTE :
THE POST DEVELOPMENT HARD SURFACE ON THIS PROPERTY MUST REMAIN UNDER 65% OTHERWISE OSD WILL APPLY TO THIS SITE.

GROUND FLOOR DRAINAGE PLAN SCALE - 1:100

ALL GUTTERS TO BE 200 ¼ ROUND MINIMUM SIZE TO ARCHITECTURAL SPECIFICATION OR AS NOTED ON PLAN.

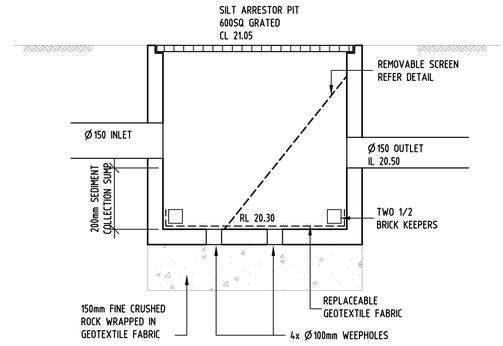
ALL GUTTERS TO BE PROVIDED WITH LEAF GUARD.

ALL BALCONIES ARE TO HAVE A 65mm DIAMETER OVERFLOW PIPE OR AND 80mm SQUARE OPENING ACTING AS AN OVERFLOW.

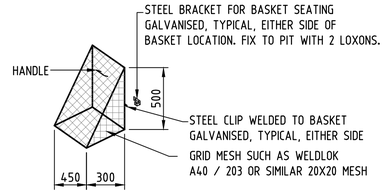
ALL DOWNPIPES TO BE 100mm DIAMETER OR 100 x 75mm MIN. TO ARCHITECTURAL SPECIFICATIONS OR AS NOTED ON PLAN.

PROVIDE AG. LINES BEHIND ALL RETAINING WALLS AND SUBSOIL DRAINAGE AS PER STRUCTURAL ENGINEERING DETAILS. ALL LINES TO DRAIN TO PITS.

- * DENOTES PROPOSED LEVEL
- × DENOTES EXISTING LEVEL
- ● DENOTES DOWNPIPE
- PROPOSED RAINWATER PIPE
- PROPOSED STORMWATER PIPE



SILT ARRESTOR PIT DETAIL N.T.S



SCREEN DETAIL (TYPICAL)
N.T.S.

NOTES - CHARGED LINE

THE FOLLOWING MAINTENANCE WORK MUST BE UNDERTAKEN TO ENSURE THE DRAINAGE SYSTEM FUNCTIONS SATISFACTORY.

- INSPECTION/FLUSH LINE/CLEANING WITH WATER EVERY 6 MONTHS AND AFTER HEAVY RAINFALL.
- INSPECTION/CLEANING GUTTERS AT LEAST ONCE A YEAR AND AFTER HEAVY RAINFALL OR STRONG WIND.

THE ABOVE IS FOR GUIDANCE ONLY. AN ASSESSMENT OF MAINTENANCE REQUIREMENTS SHOULD BE UNDERTAKEN WHEN IN SERVICE.

ALL DOWN PIPES MUST BE uPVC WITH CEMENT SOLVENT SEALED JOINTS TO 1000mm ABOVE THE PERMANENT WATER LINE, OR ALL THE WAY UP TO THE UNDERSIDE OF THE EAVES. A SQUARE/CIRCULAR SECTION MAY THEN OCCUR. (REFER DETAILS)

PROVIDE AN INSPECTION OPENING (IO.) AND 2mm SLOW RELEASE HOLE AT THE END OF THE CHARGED LINE. (REFER DETAILS)

RAINWATER RE-USE NOTES

PROVIDE SIGN IN PROMINENT LOCATION AT FRONT OF PROPERTY NOTING "RAINWATER IN USE".

MARK TANK OUTLETS "NON-POTABLE WATER"

RECYCLED RAINWATER TO SERVICE BUILDING AS PER THE BASIX CERTIFICATE.

OVER FLOW FROM RAINWATER TANK TO BE CONNECTED TO STORMWATER SYSTEM.

RAINWATER SUPPLY PIPE WORK ABOVE GROUND MUST BE LABELLED ALONG THEIR LENGTH WITH A PERMANENT MARKING STATING 'RAINWATER' EVERY 500mm OR LESS. BELOW GROUND RAINWATER SUPPLY PIPE WORK MUST HAVE IDENTIFICATION TAPE AT LEAST 75mm WIDE AND MARKED 'RAINWATER' ON THE RAINWATER SUPPLY PIPE AND FASTENED TO THE PIPE AT NOT MORE THAN 3m INTERVALS.

SYDNEY WATER BACKFLOW PREVENTION DEPARTMENT MUST BE CONTACTED REGARDING RECYCLED WATER ON THIS BUILDING AND FOR THE BACKFLOW PREVENTION REQUIREMENTS AND TOP-UP SYSTEM.

APPROPRIATE WATER METER MUST BE OBTAINED FROM SYDNEY WATER TAKING INTO ACCOUNT RAINWATER RE-USE.

ANY GARDEN OR CARWASH TAPS CONNECTED TO RECYCLED SYSTEM MUST BE LOCATED 1.5m MIN. ABOVE THE SURFACE OR PROVIDE WITH REMOVABLE HANDLE.

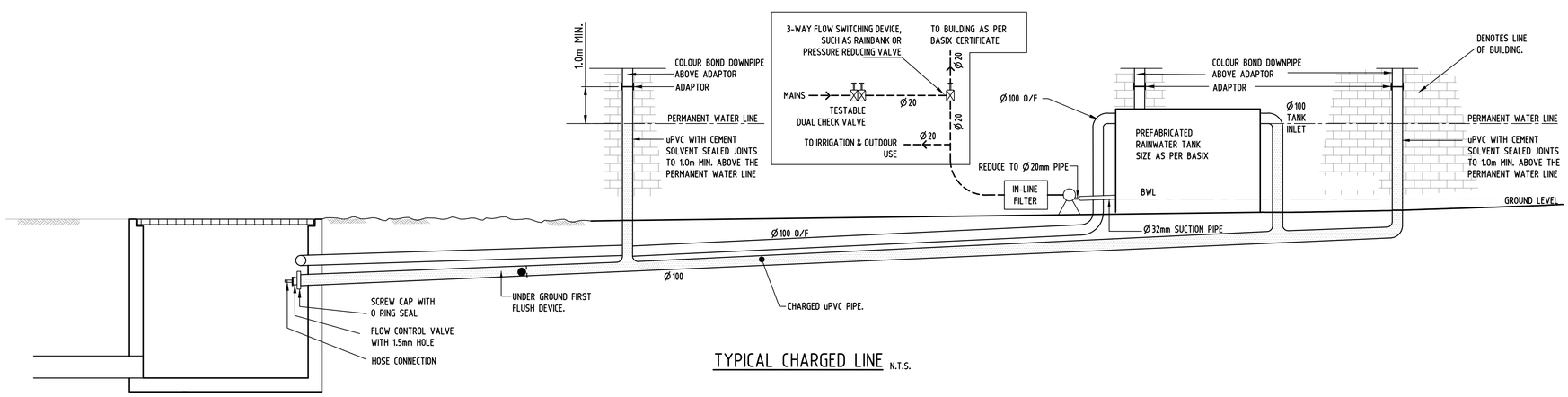
EVERY FIXTURE SERVICED FROM THE RECYCLED WATER SUPPLY MUST BE CLEARLY LABELLED 'RAINWATER'. REFER TO SIGNAGE.

FOR PERIOD OF LOW WATER LEVEL IN THE RAIN WATER TANK A CONNECTION TO THE WATER MAIN IS NEEDED AND TO BE PROVIDED IN ACCORDANCE WITH THE SYDNEY WATER REQUIREMENTS.

PUMPS AND FILTERS ON OUTLETS FROM RECYCLED SYSTEM TO BE SUPPLIED BY OTHERS AS MAY BE REQUIRED.

SIGNAGE FOR RAINWATER TANKS AND OUTLETS

-DIMENSIONS: 80mm X 60mm
-BACKGROUND COLOUR SHOULD BE YELLOW;
-TEXT IS WHITE ON A BLACK BACKGROUND;
-TAP SYMBOL IS BLACK.



TYPICAL CHARGED LINE N.T.S.

TYPICAL PIT N.T.S

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PROPOSED DEVELOPMENT AT:
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STORMWATER DRAINAGE / SEDIMENT CONTROL DETAILS

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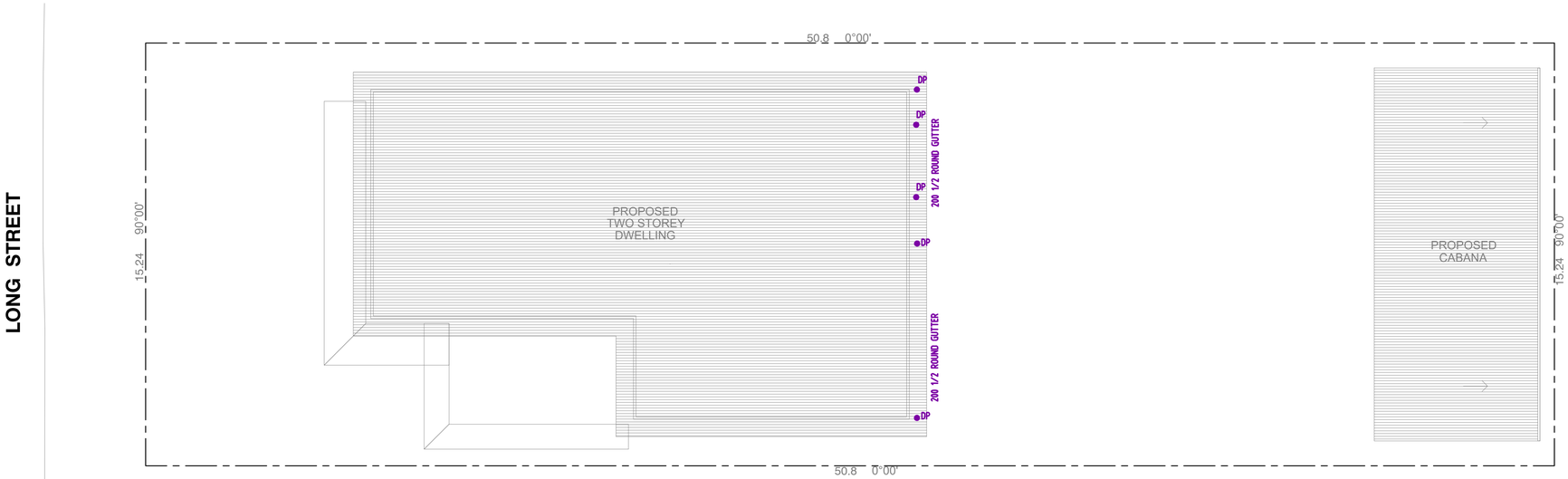
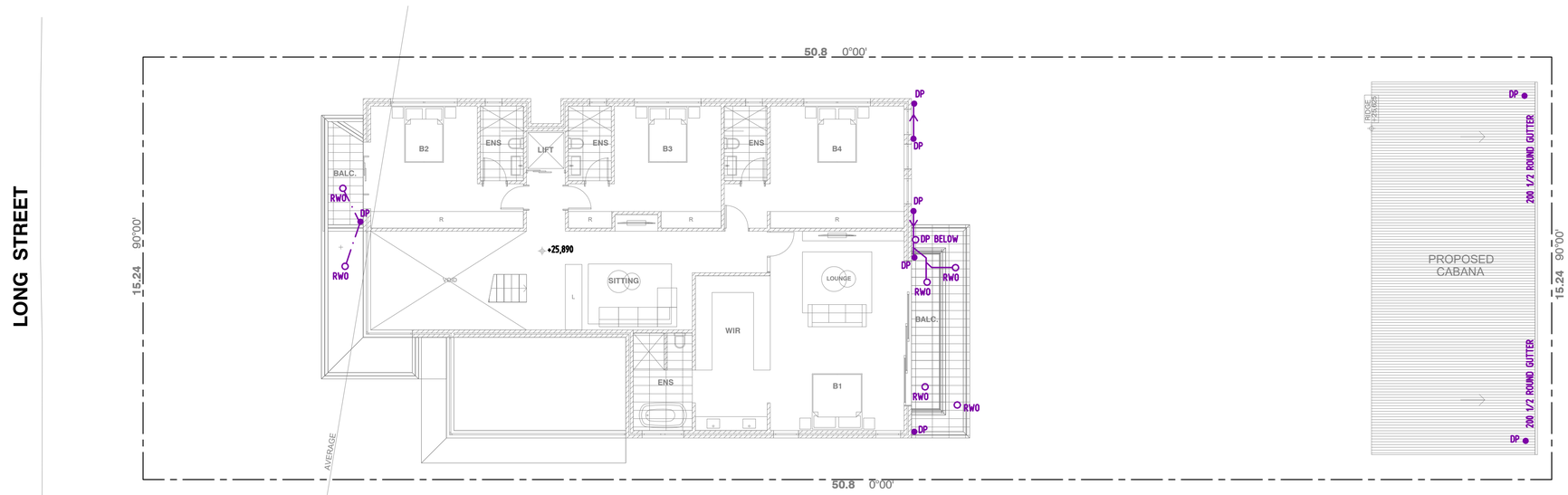
HE	D.M.ROMANOUS ,B.E., M.I.E.AUST.	AS SHOWN @A1	A.H.D	2293 - S2/3	B



ROOF DRAINAGE PLAN SCALE - 1:100



FIRST FLOOR DRAINAGE PLAN SCALE - 1:100

ALL GUTTERS TO BE 200 ½ ROUND MINIMUM SIZE TO ARCHITECTURAL SPECIFICATION OR AS NOTED ON PLAN.

ALL GUTTERS TO BE PROVIDED WITH LEAF GUARD.

ALL BALCONIES ARE TO HAVE A 65mm DIAMETER OVERFLOW PIPE OR AND 80mm SQUARE OPENING ACTING AS AN OVERFLOW.

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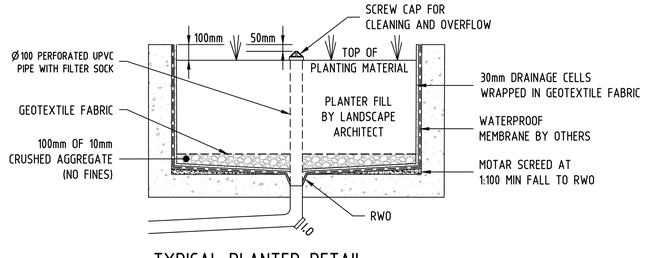
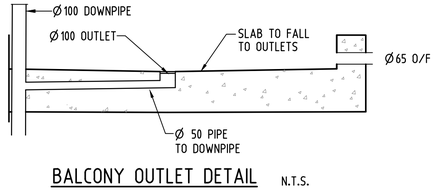
- × DENOTES EXISTING LEVEL
- ● DENOTES DOWNPIPE
- PROPOSED RAINWATER PIPE
- PROPOSED STORMWATER PIPE



TYPICAL PLANTER DETAIL N.T.S.



BALCONY OUTLET DETAIL N.T.S.

LEGEND

RL	REDUCED LEVEL
CL	COVER LEVEL
IL	INVERT LEVEL
GSIP	GRATED SURFACE INLET PIT
OSD	ON-SITE DETENTION
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BWL	BOTTOM WATER LEVEL
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RRJ	RUBBER RING JOINT
U/S	UNDERSIDE OF SLAB
O/S	OVER THE SLAB
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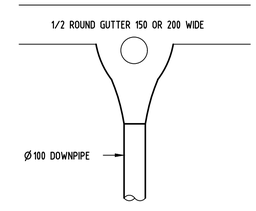
DP ●	DOWN PIPE
	DROPPER
RWO	RAIN WATER OUTLET
RWH	RAIN WATER HEAD
FFL	FINISHED FLOOR LEVEL



HALF ROUND GUTTER DETAIL N.T.S.

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