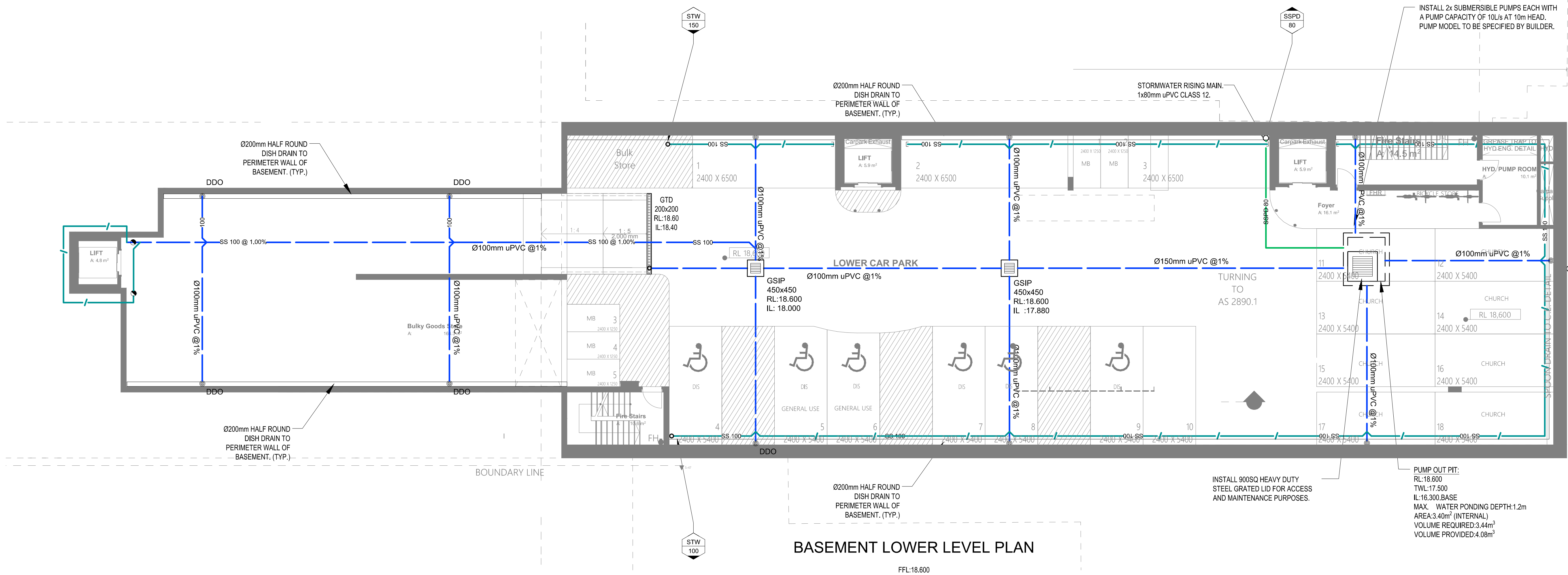


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0000	STW-01	A																									

PUMP OUT DESIGN CALCS:
100yr 2hr ARI STORM = 46.4mm/hr
ARI x 2 = 92.8mm
AREA OF DRIVEWAY RAMP UNCOVERED = 37m2
 $V = A \times D = 37 \times (92.8 / 1000) = 3.44m^2$
THEREFORE, A VOLUME OF 4.08m3 SUBSOIL PUMP OUT PIT
WILL BE APPLIED TO CATER FOR THE UNCOVERED RAMP
AREA AS PER NORTHERN BEACHES COUNCIL.



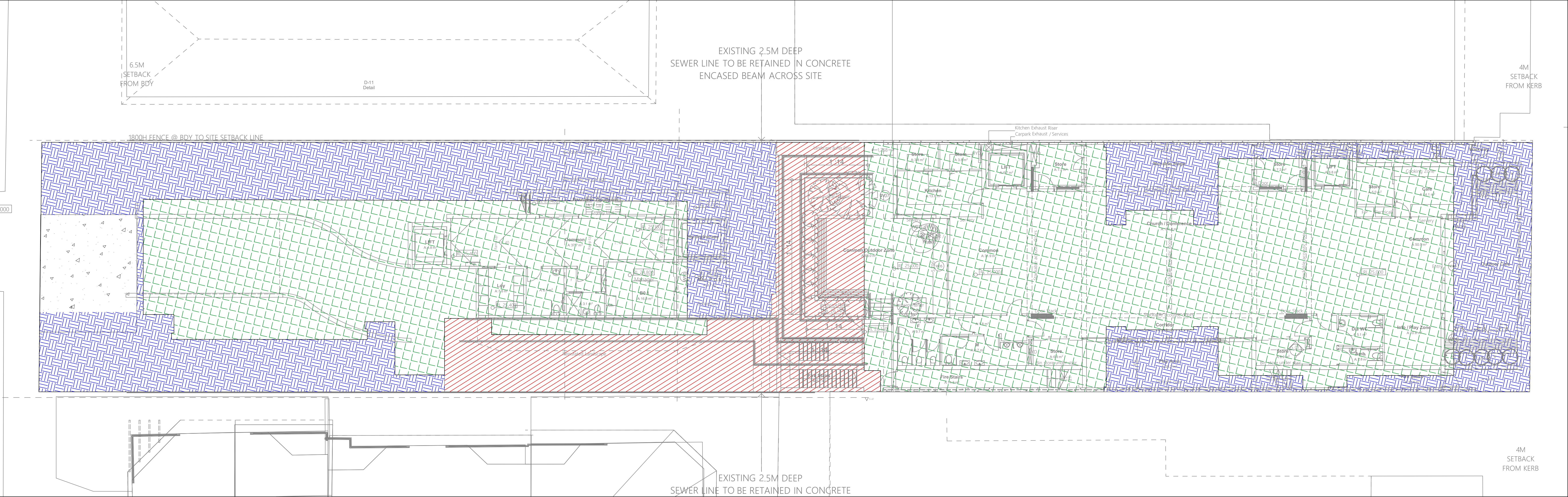
FISHER RD

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	P-01	25.06.20	PRE DA STORMWATER REVIEW	JG	P-02	27.07.20	DA STORMWATER SUBMISSION	JG				SCALE 1:100 @ B1	DATE June, 2020	DRAWN JG	CHECKED
	A	26.08.22	DA STORMWATER SUBMISSION	JG								JOB 0000	DRAWING STW-01	REVISION A	



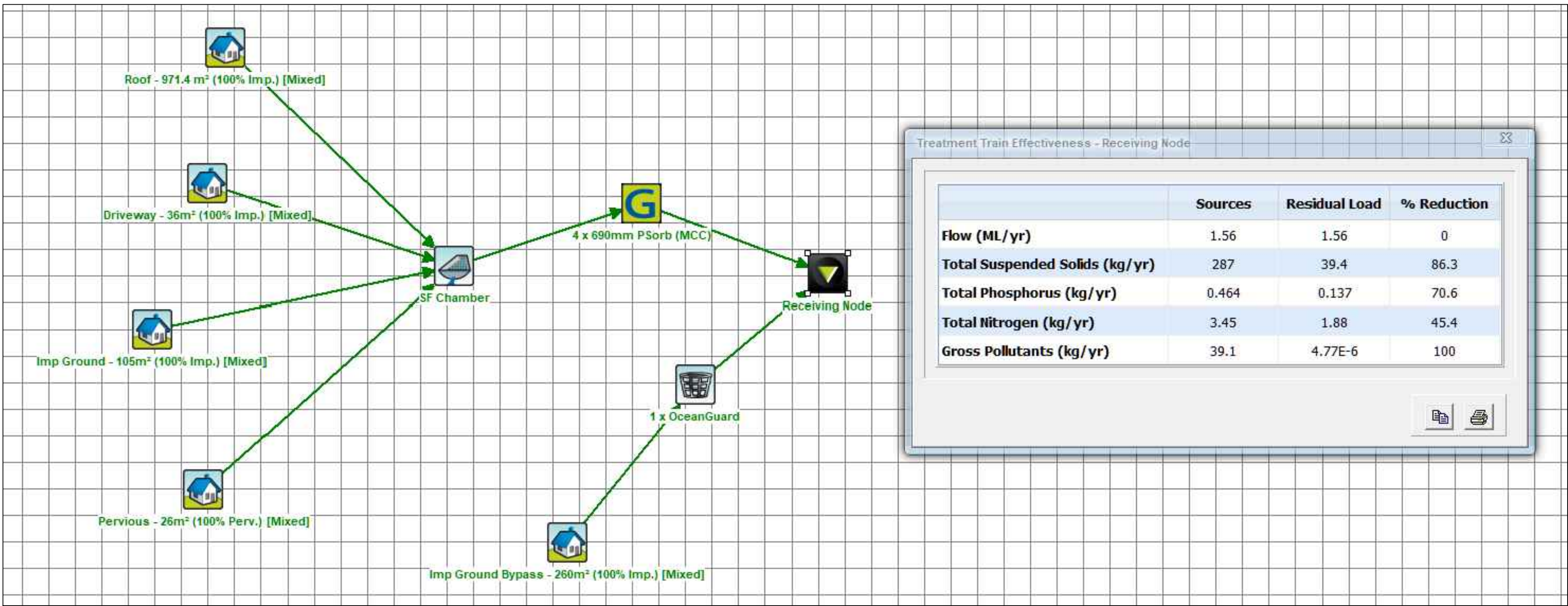
SCALE 1:100 @ B1	DATE June, 2020	DRAWN JG	CHECKED
JOB 0000	DRAWING STW-02		REVISION A



MUSIC CATCHMENT PLAN

LEGEND.

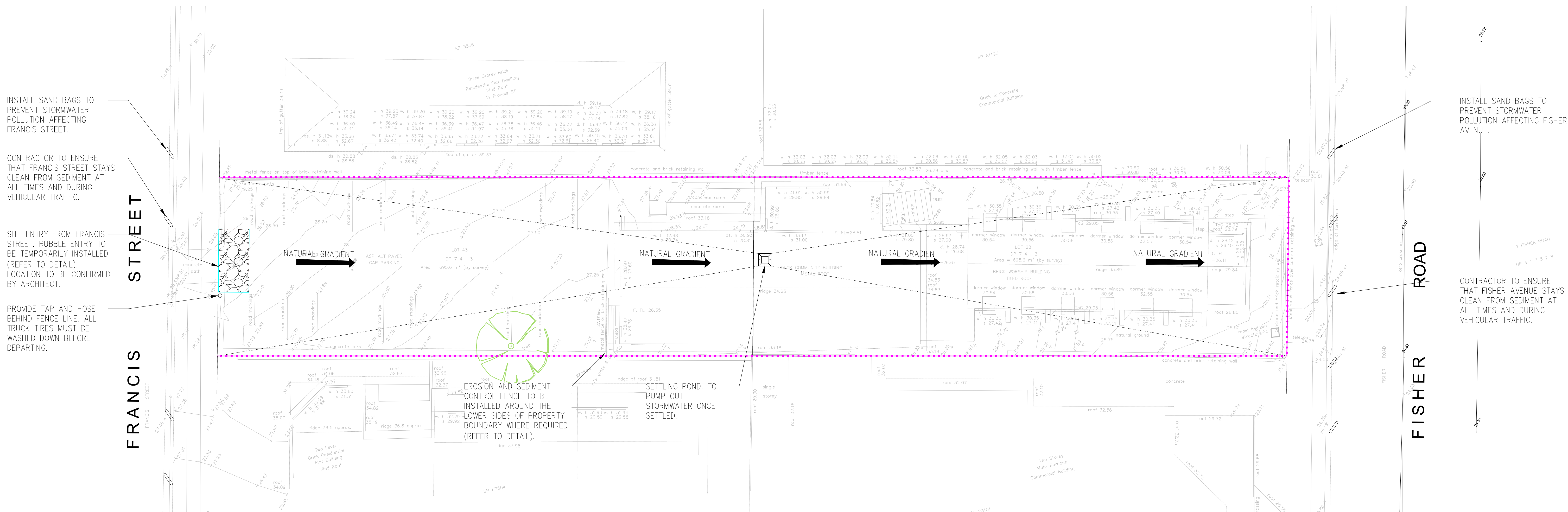
- ROOF AREAS TO STORMFILTER CHAMBER: 748m2
- DRIVEWAY AREAS TO STORMFILTER CHAMBER: 36m2
- IMPERVIOUS AREAS TO STORMFILTER CHAMBER: 452m2
- IMPERVIOUS AREAS BYPASS STORMFILTER CHAMBERS BUT TO ENVIROPOD: 163m2



MUSIC MODEL OUTPUTS

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	P-01	25.06.20	PRE DA STORMWATER REVIEW	JG	P-02	27.07.20	PRE DA STORMWATER REVIEW	JG				SCALE 1:100 @ A1	DATE June, 2020	DRAWN JG	CHECKED
	A	26.08.22	FOR APPROVAL	JG								JOB 0000	DRAWING STW-04	REVISION A	



SEDIMENT AND EROSION CONTROL PLAN

EROSION & SEDIMENTATION CONTROL NOTES

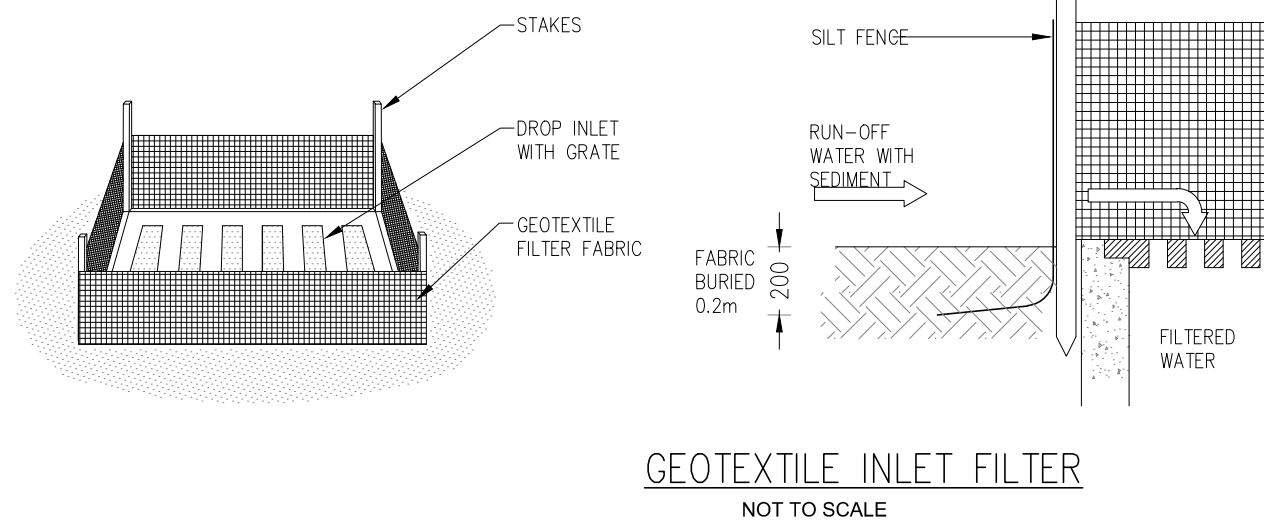
- CONTRACTOR SHALL PROVIDE SEDIMENT FENCING MATERIAL DURING CONSTRUCTION TO THE LOW SIDE OF THE WORKS. THE SEDIMENT FENCING MATERIAL TO CYCLONE WIRE SECURITY FENCE. SEDIMENT CONTROL FABRIC SHALL BE AN APPROVED MATERIAL (EG. HUMES PROPEX SLT STOP) STANDING 300mm ABOVE GROUND & EXTENDING 150mm BELOW GROUND.
- EXISTING DRAINS LOCATED WITHIN THE SITE SHALL ALSO BE ISOLATED BY SEDIMENT FENCING MATERIAL.
- NO PARKING OR STOCKPILING OF MATERIALS IS PERMITTED ON THE LOWER SIDE OF THE SEDIMENT FENCE.
- GRASS VERGES SHALL BE MAINTAINED AS MUCH AS PRACTICAL TO PROVIDE A BUFFER ZONE TO THE CONSTRUCTION SITE.
- CONSTRUCTION ENTRY/EXIT SHALL BE VIA THE LOCATION NOTED ON THE DRAWING. CONTRACTOR SHALL ENSURE ALL DROPPABLE SOIL & SEDIMENT IS REMOVED PRIOR TO CONSTRUCTION TRAFFIC EXITING SITE. CONTRACTOR SHALL ENSURE ALL CONSTRUCTION TRAFFIC ENTERING & LEAVING THE SITE DO SO IN A FORWARD DIRECTION.

GENERAL NOTES

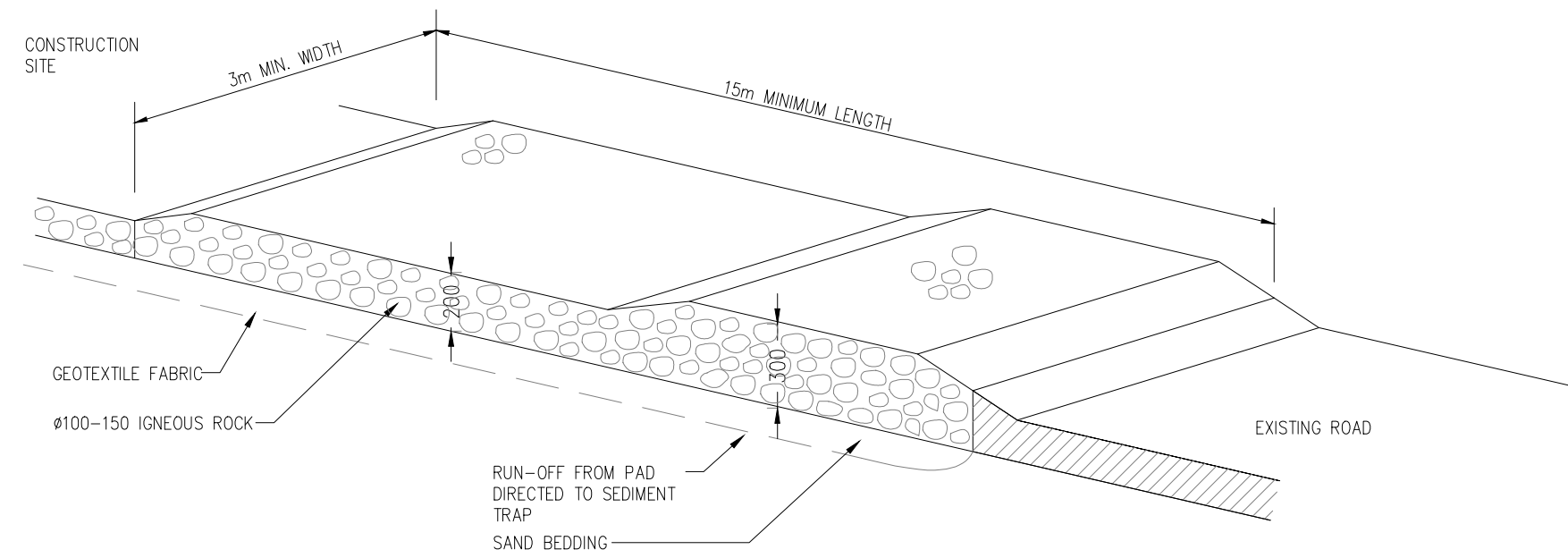
- THIS PLAN IS A CONCEPT PLAN ONLY FOR STORMWATER DISPOSAL & EROSION CONTROL. IT IS NOT SUITABLE FOR CONSTRUCTION. THIS PLAN SHOULD BE ADAPTED BY THE BUILDER DURING DEMOLITION, EXCAVATION & CONSTRUCTION PHASES TO ENSURE ADEQUATE PERFORMANCE.
- ALL DRAINAGE LAYOUT & DETAILS ARE DIAGRAMMATIC & INDICATIVE ONLY. ACTUAL LOCATION, SIZES, LEVELS & GRADES MAY ALTER WHEN DETAIL DESIGN WORKS ARE DOCUMENTED.

CLAY SOILS

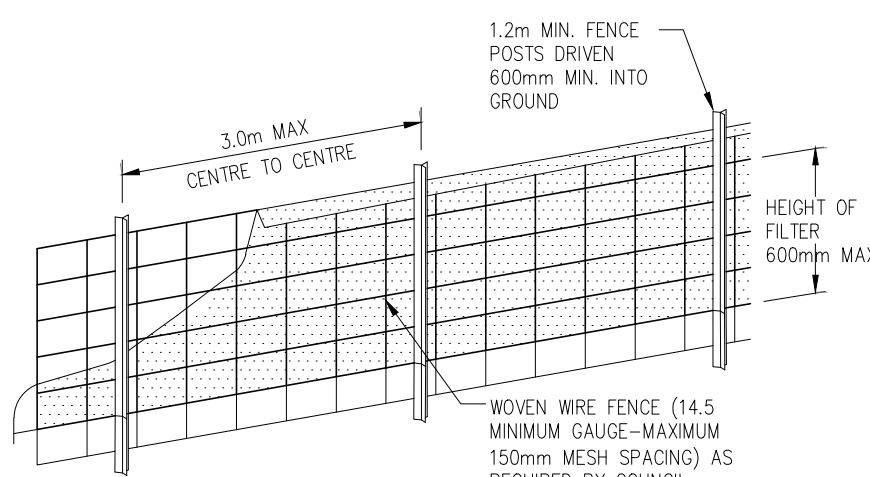
- A SYSTEM SHALL BE INSTALLED TO EITHER:
- TRANSPORT STORMWATER RUNOFF WITH SUSPENDED SOLIDS FROM SITE VIA PUMP TRUCKS.
 - TREAT THE STORMWATER RUNOFF WITH SUSPENDED SOLIDS SO THE DISCHARGE WATER QUALITY TO COUNCIL STORMWATER DRAINAGE SYSTEM HAS A MAXIMUM CONCENTRATION OF SUSPENDED SOLIDS THAT DOES NOT EXCEED 50 MILLIGRAMS PER LITRE IN ACCORDANCE WITH THE PROTECTION OF THE ENVIRONMENT OPERATION ACT (POEO 1997) AND SHALL BE APPROVED BY LOCAL COUNCIL.



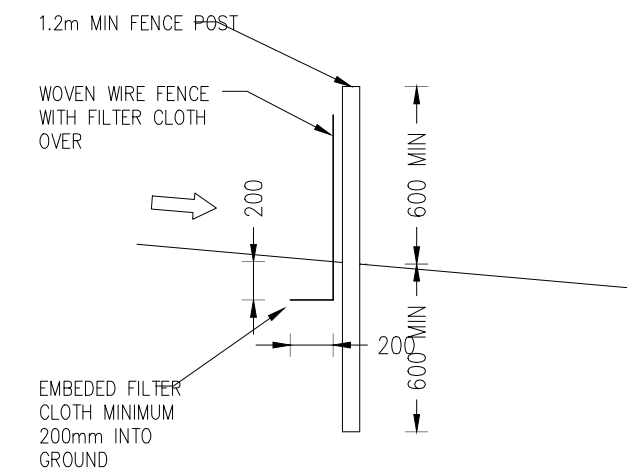
GEOTEXTILE INLET FILTER
NOT TO SCALE



TEMPORARY CONSTRUCTION EXIT
RUBBLE ALTERNATIVE
NOT TO SCALE



DIAGRAMMATIC VIEW



TYPICAL SECTION

SEDIMENT FENCE
NOT TO SCALE

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TERREY HILLS NSW, 2084

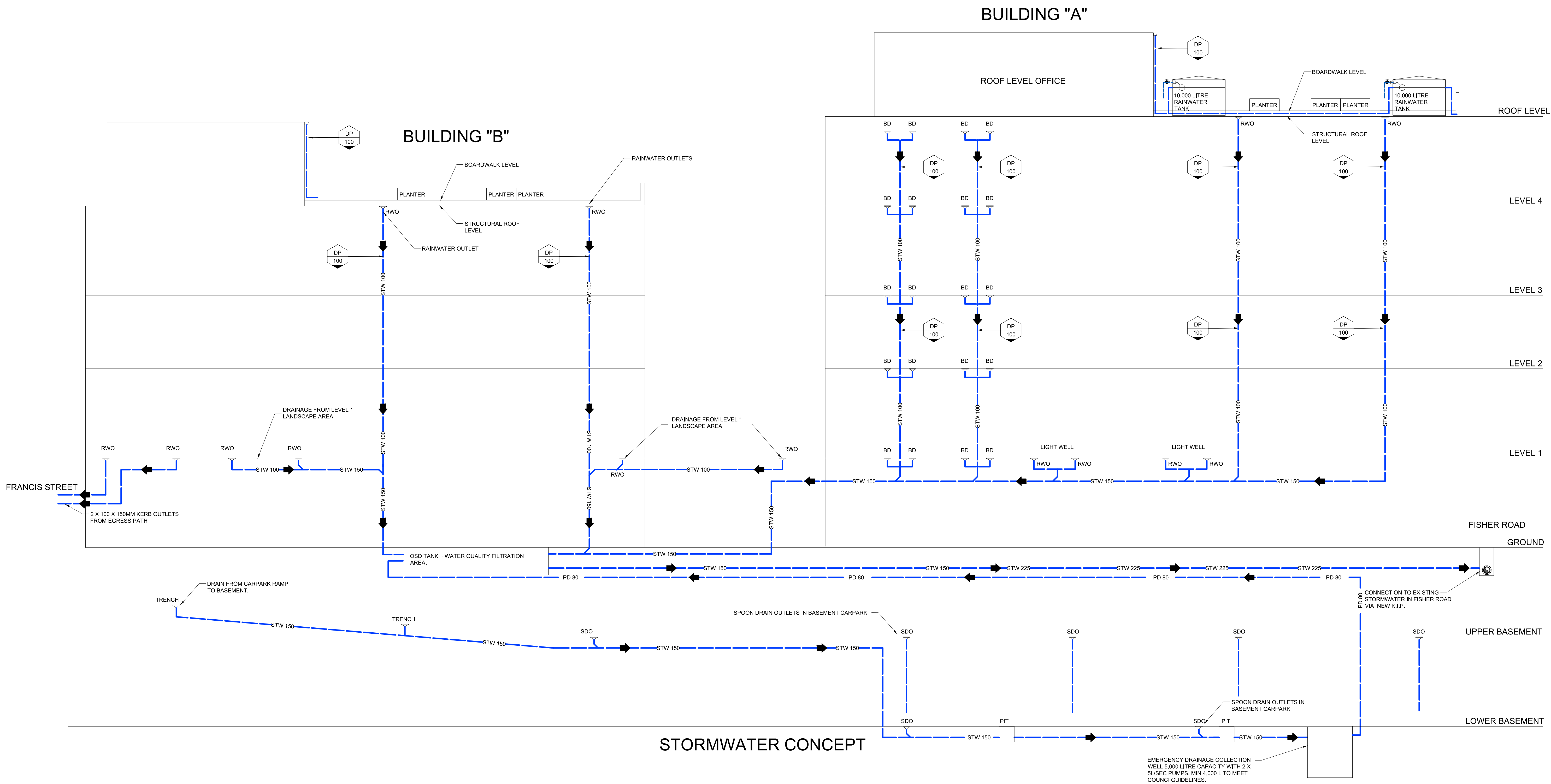
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CLIENT
BAPTIST CHURCH
28 FISHER ROAD

PROJECT
PROPOSED DEVELOPMENT
ACCOMMODATION UNITS
28 FISHER ROAD DEE WHY

DRAWING TITLE
STORMWATER DRAINAGE
SEDIMENT AND EROSION CONTROL PLAN

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JOB	DRAWING	REVISION	
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A	29.08.20	FOR APPROVAL	JG



MESH GROUP P/L

10 POPULAR PLACE PICTON, NSW 2571
JIM@MESHGROUP.COM
MOB 0427-368 080

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LEVEL 1, 335 MONA VALE ROAD
TERREY HILLS NSW, 2084
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BAPTIST CHURCH
28 FISHER ROAD

DRAWING TITLE

STORMWATER DRAINAGE PLAN
SYSTEM SCHEMATIC PLAN

PROJECT

PROPOSED DEVELOPMENT
ACCOMMODATION UNITS
28 FISHER ROAD DEE WHY

SCALE

1:100 @ B1

DATE

June, 2020

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