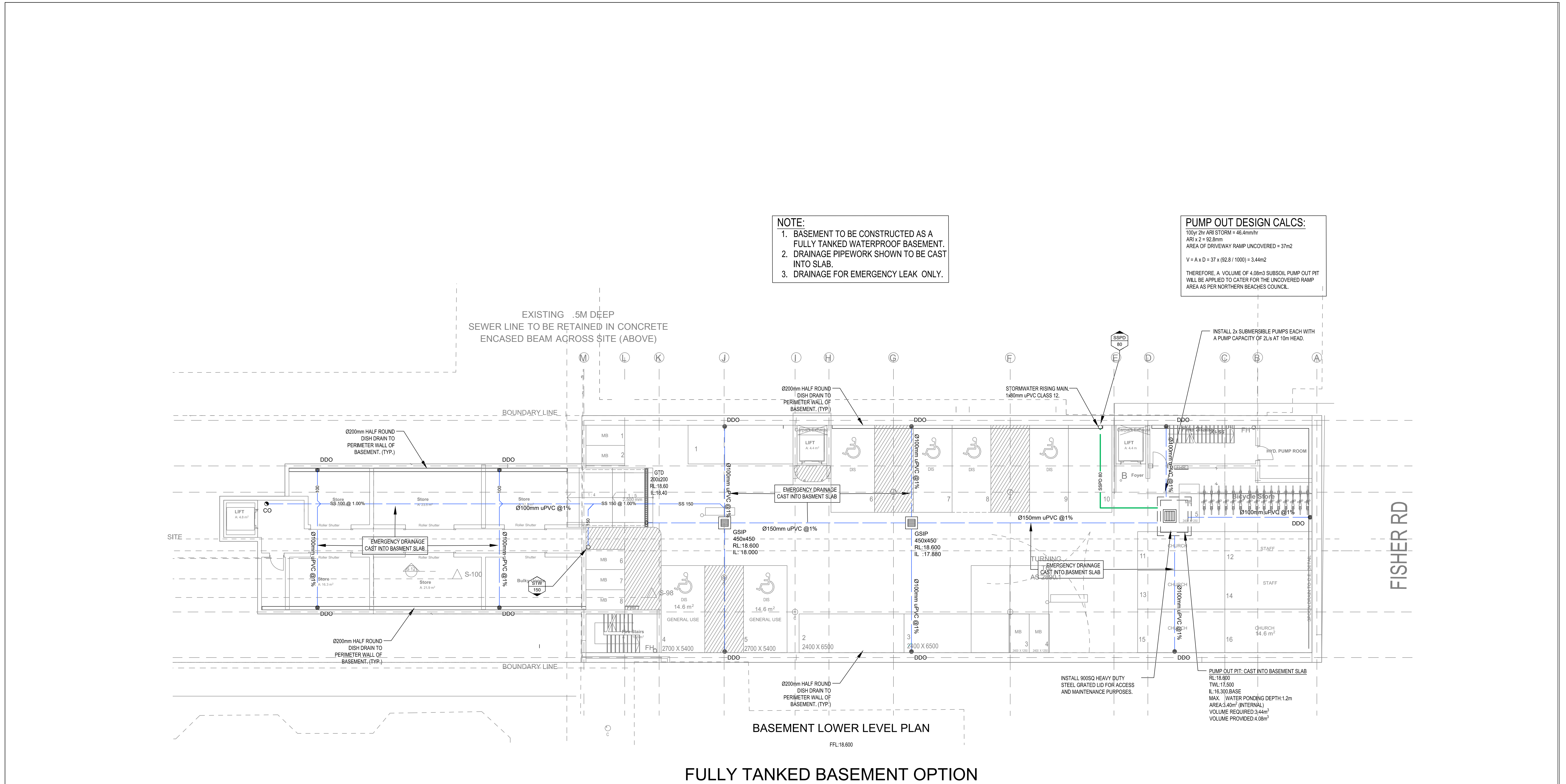
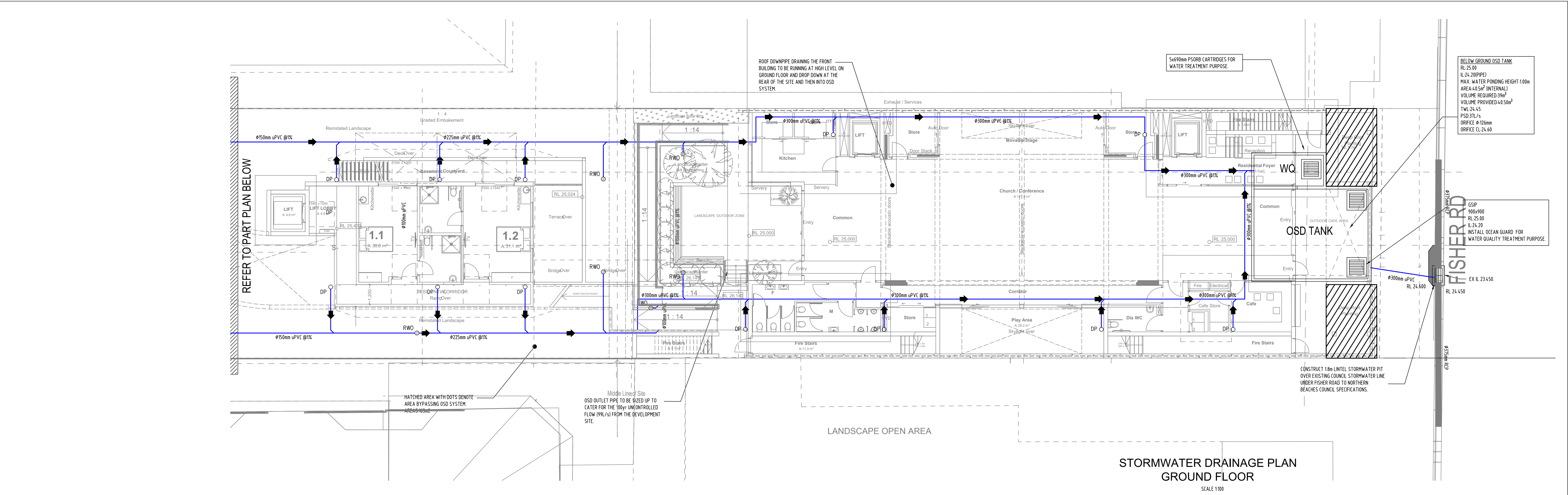


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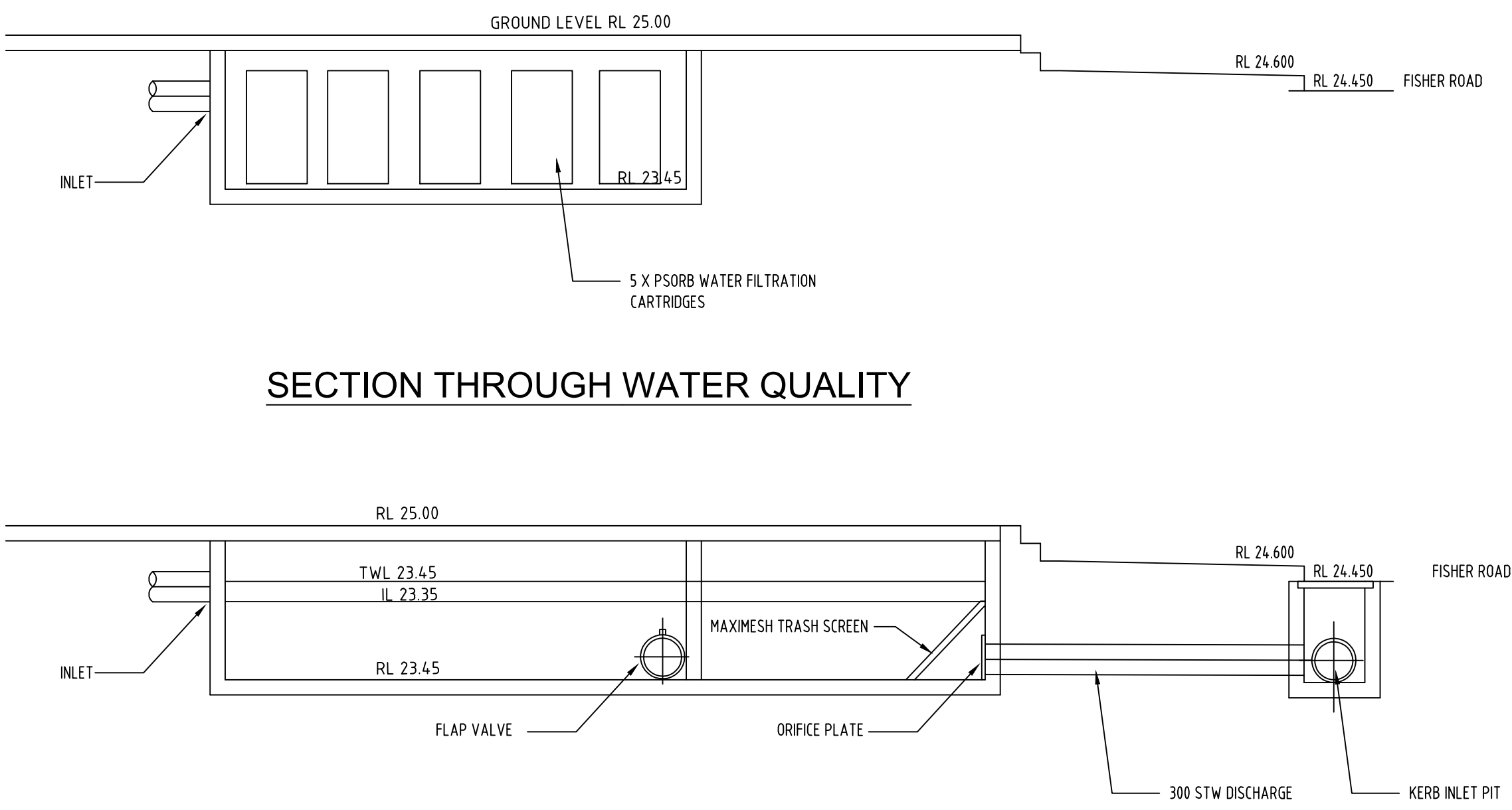
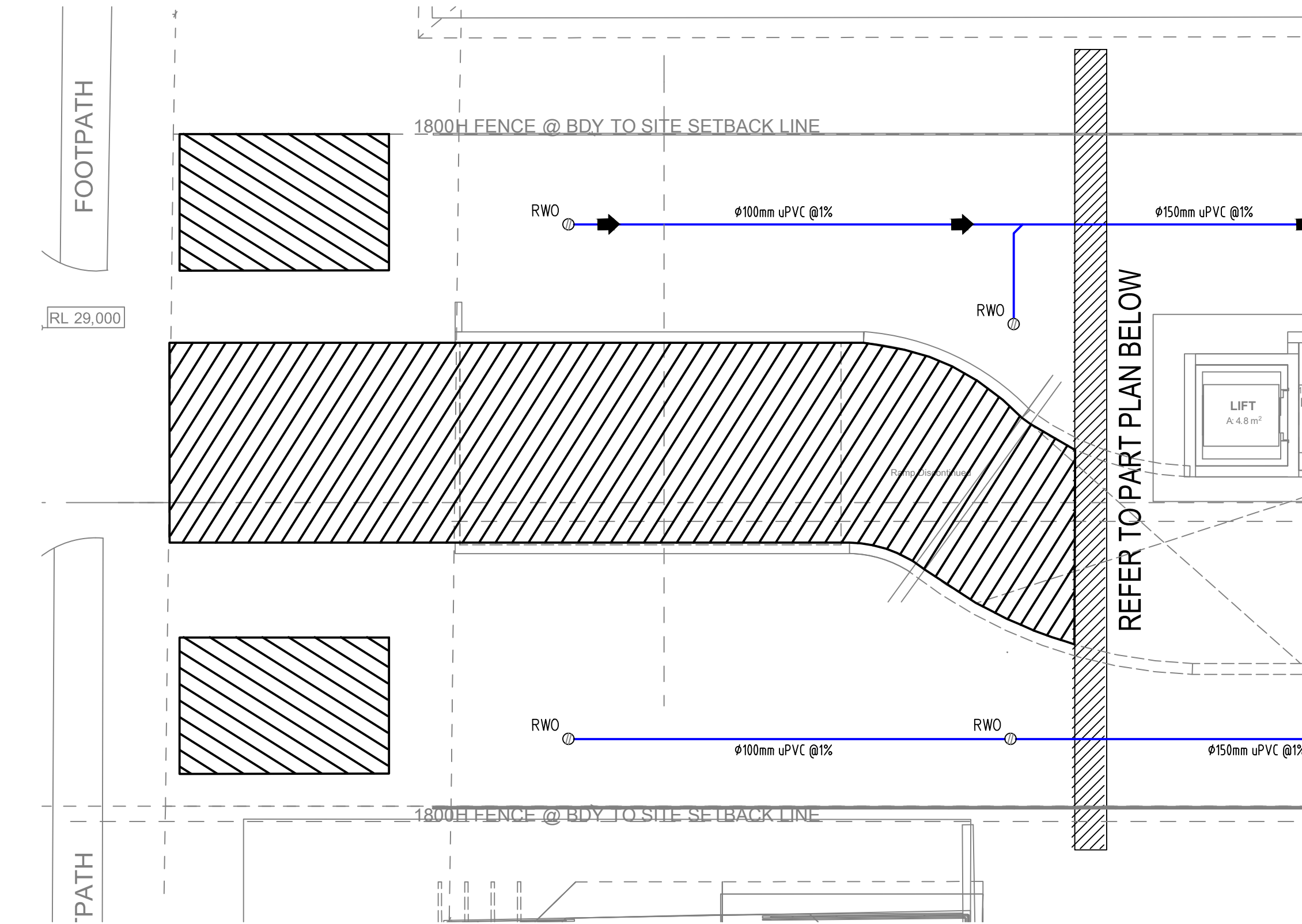
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JOB 0000	DRAWING STW-02		REVISION A

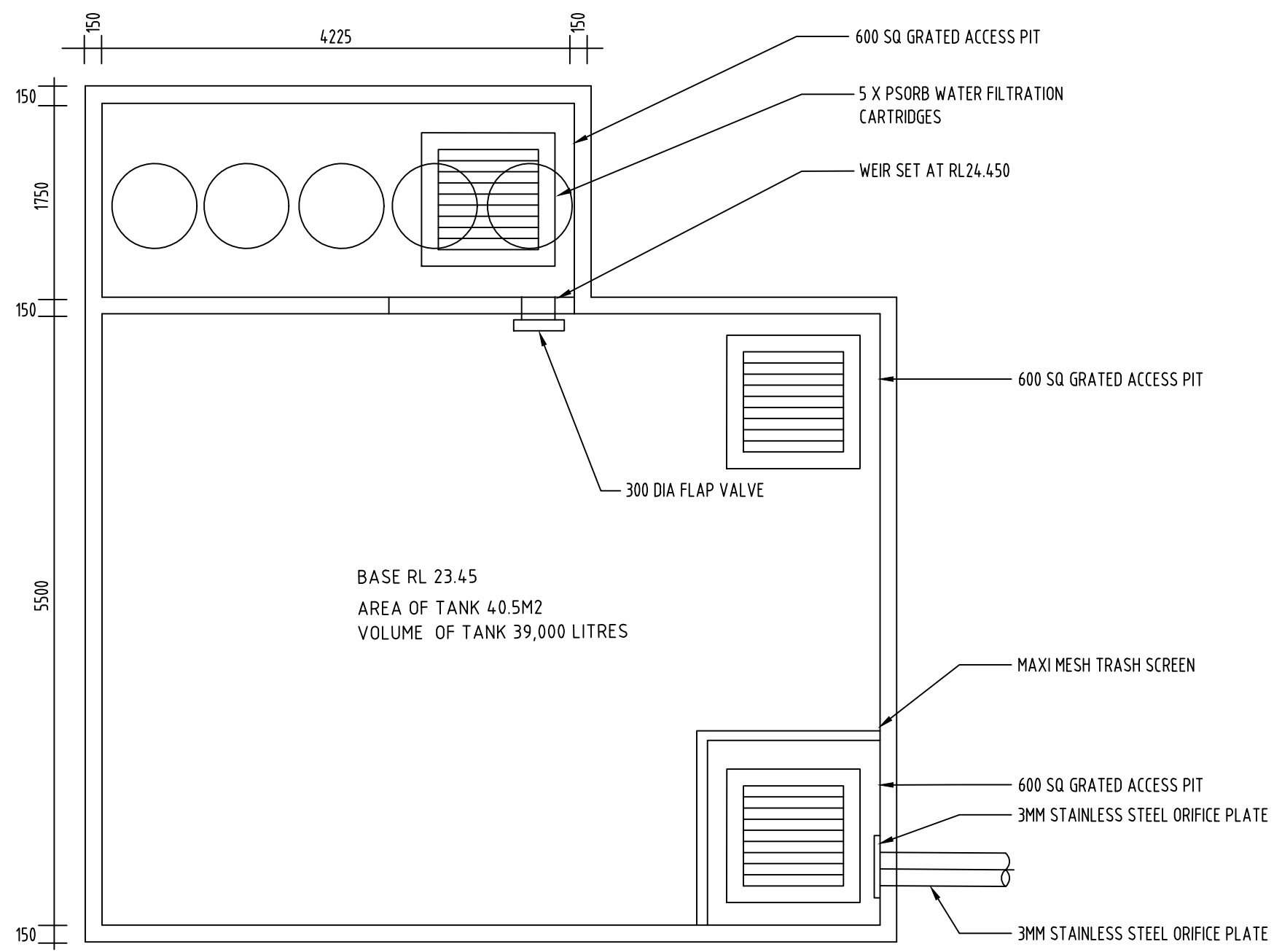


STORMWATER DRAINAGE PLAN
GROUND FLOOR
SCALE 1:100

DRAINS-OSD										OSD VOL. (m³)
TOTAL SITE AREA (m²)	PRE-DEV. IMPERVIOUS (%)	POST-DEV. IMPERVIOUS (%)	STORM (YR)	PRE-DEV. FLOW (m³/s)	POST-DEV. FLOW (m³/s)	PIPE OUTFLOW (m³/s)	WEIR OUTFLOW (m³/s)	BYPASS FLOW (m³/s)	TOTAL PSD (m³/s)	
1399	0	100	5	0.048	0.062	0.026	0	0.007	0.033	39.00
			20	0.067	0.083	0.032	0	0.010	0.042	
			100	0.082	0.099	0.037	0	0.011	0.048	



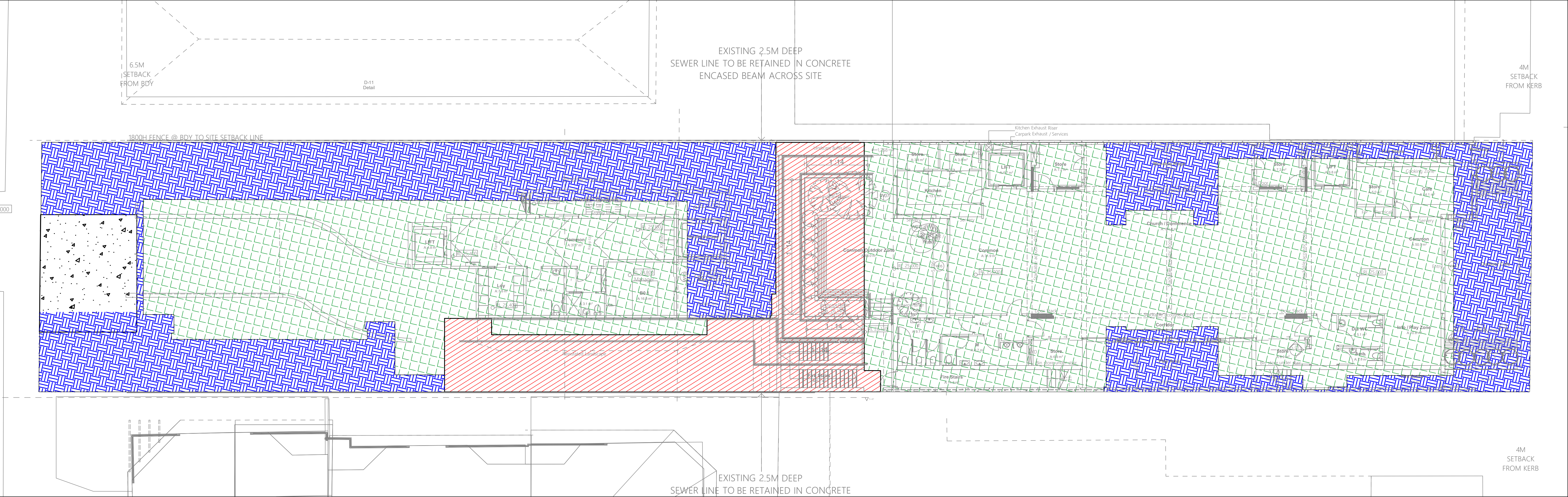
SECTION THROUGH OSD TANK
SCALE 1:50



PLAN OSD TANK
SCALE 1:50

FOR APPROVAL

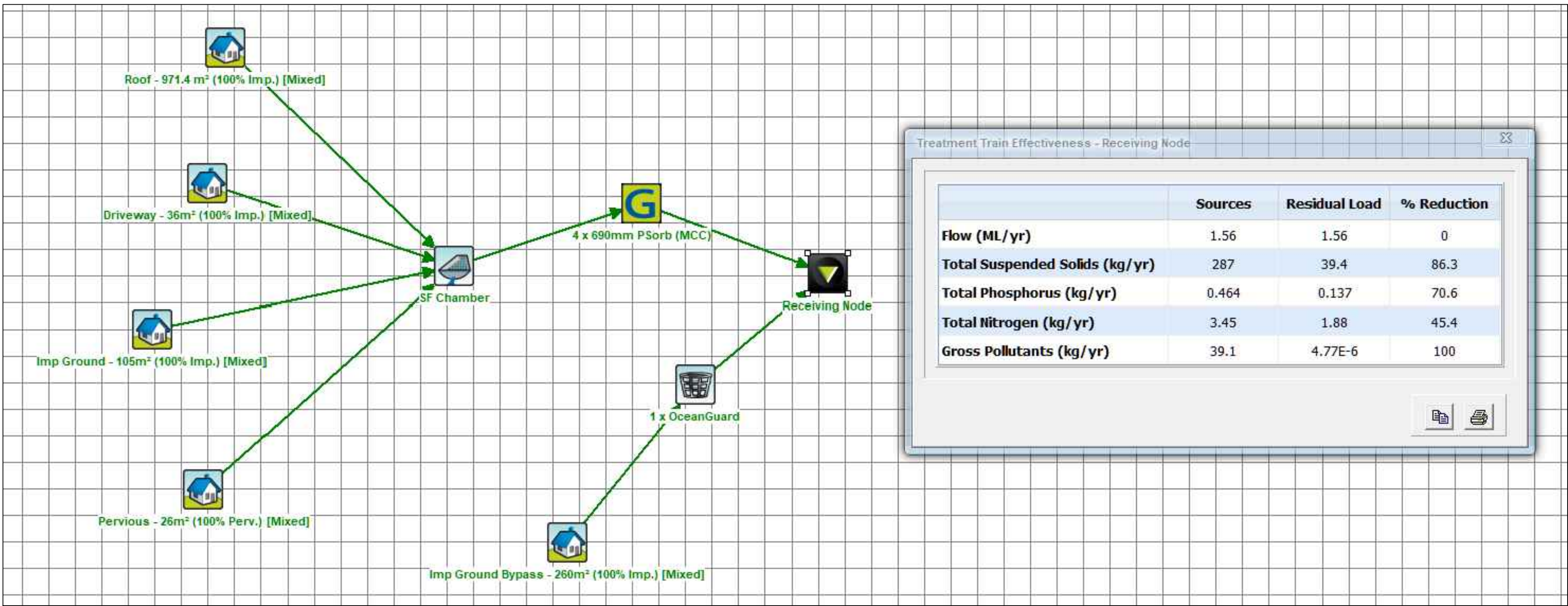
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	P-01	25.06.20	PRE DA STORMWATER REVIEW		JG								SCALE 1:100 @ B1	DATE June, 2020	DRAWN JG	CHECKED
	P-02	20.07.20	DA STORMWATER REVIEW		JG								JOB 0000	DRAWING STW-03	REVISION A	



MUSIC CATCHMENT PLAN

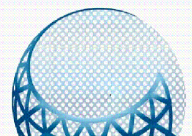
LEGEND.

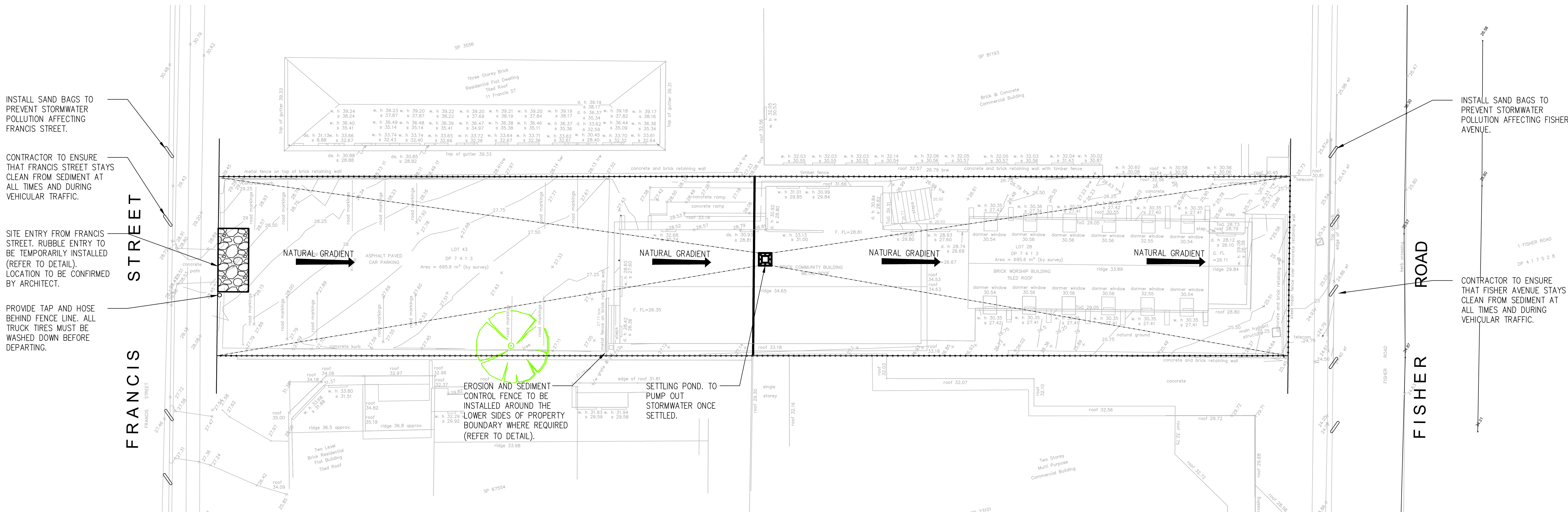
- ROOF AREAS TO STORMFILTER CHAMBER: 748m2
- DRIVEWAY AREAS TO STORMFILTER CHAMBER: 36m2
- IMPERVIOUS AREAS TO STORMFILTER CHAMBER: 452m2
- IMPERVIOUS AREAS BYPASS STORMFILTER CHAMBERS BUT TO ENVIROPOD: 163m2



MUSIC MODEL OUTPUTS

FOR APPROVAL

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	A	20.03.22	FOR APPROVAL		JG							SCALE 1:100 @ A1	DATE June, 2020	DRAWN JG	CHECKED
												JOB 0000	DRAWING STW-04	REVISION A	



SEDIMENT AND EROSION CONTROL PLAN

EROSION & SEDIMENTATION CONTROL NOTES

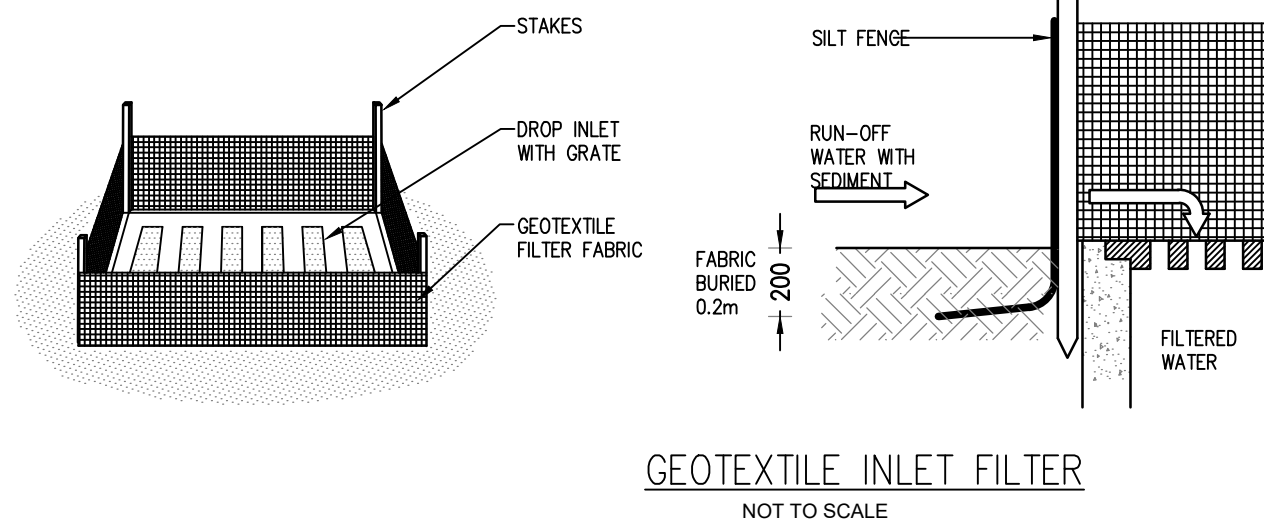
- CONTRACTOR SHALL PROVIDE SEDIMENT FENCING MATERIAL DURING CONSTRUCTION TO THE LOW SIDE OF THE WORKS. THE SEDIMENT FENCING MATERIAL TO CYCLOM WIRE SECURITY FENCE. SEDIMENT CONTROL FABRIC SHALL BE AN APPROVED MATERIAL (EG. HUES PROPEX Silt STOP) STANDING 300mm ABOVE GROUND & EXTENDING 150mm BELOW GROUND.
- 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

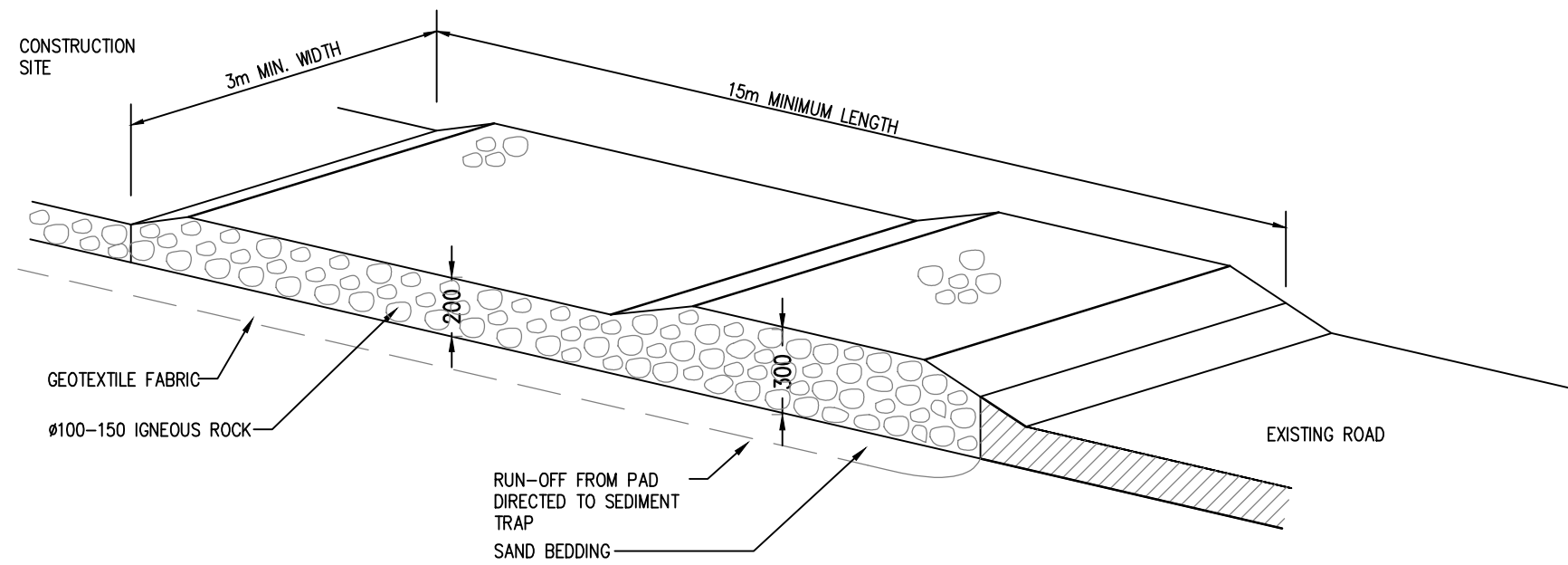
- THIS PLAN IS A CONCEPT PLAN ONLY FOR STORMWATER DISPOSAL & EROSION CONTROL. IT IS NOT SUITABLE FOR CONSTRUCTION. THIS PLAN SHOULD BE ADOPTED BY THE BUILDER DURING DEMOLITION, EXCAVATION & CONSTRUCTION PHASES TO ENSURE ADEQUATE PERFORMANCE.
- ALL DRAINAGE LAYOUT & DETAILS ARE DIAGRAMMATIC & INDICATIVE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

CLAY SOILS

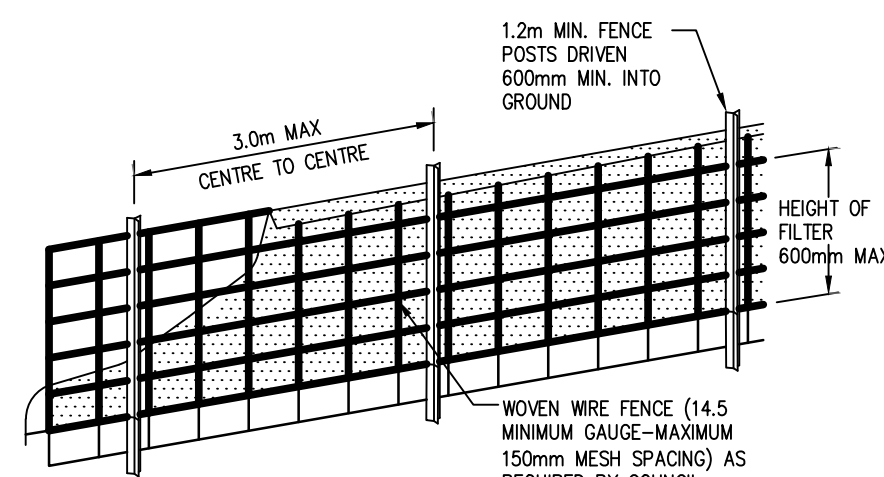
- A SYSTEM SHALL BE INSTALLED TO EITHER:
- TRANSPORT STORMWATER RUNOFF WITH SUSPENDED SOLIDS FROM SITE VIA PUMP TRUCKS.
 - TREAT THE STORMWATER RUNOFF WITH SUSPENDED SOLIDS SO THE DISCHARGE WATER QUALITY TO COUNCIL STORMWATER DRAINAGE SYSTEM HAS A MAXIMUM CONCENTRATION OF SUSPENDED SOLIDS THAT DOES NOT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



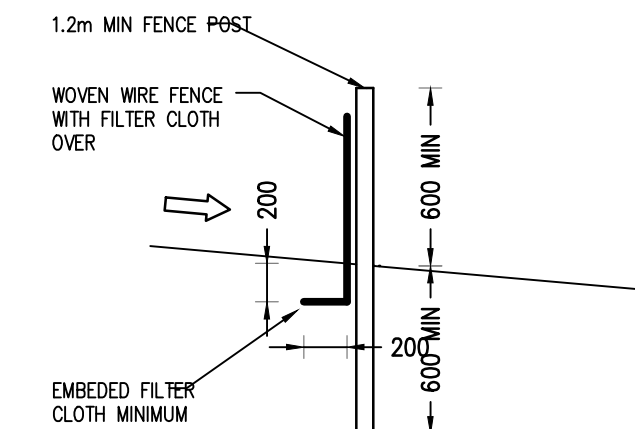
GEOTEXTILE INLET FILTER
NOT TO SCALE



TEMPORARY CONSTRUCTION EXIT
RUBBLE ALTERNATIVE
NOT TO SCALE



DIAGRAMMATIC VIEW



TYPICAL SECTION

SEDIMENT FENCE
NOT TO SCALE

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A	20.03.23	FOR APPROVAL	JG

REVISION	DATE	DESCRIPTION	BY

BUILDING SERVICES

MESH GROUP P/L

10 POPULAR PLACE PICTON, NSW 2571
JAM@MESHGROUP.COM
02814627366/0401

ARCHITECT

THE GEORGE GROUP

THE GEORGE GROUP PTY LTD
LEVEL 1, 335 MONVALE ROAD
TERREY HILLS NSW. 2084

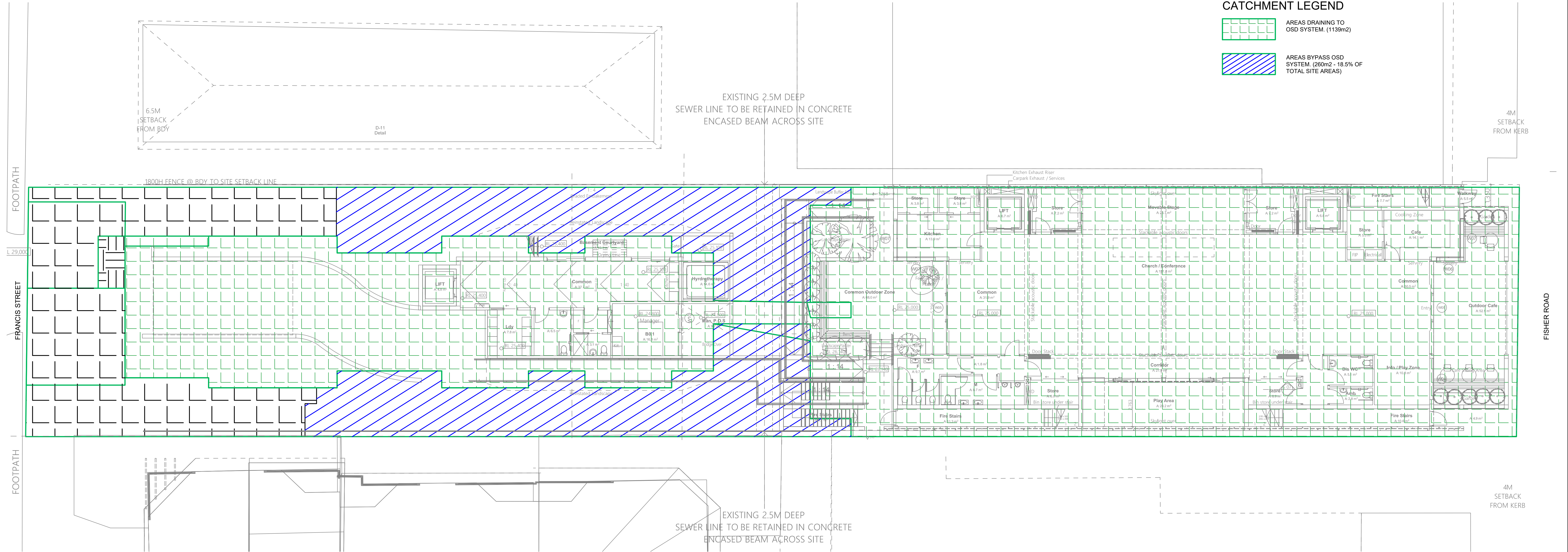
WWW.GEORGEGROUP.COM.AU

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

SCALE	DATE	DRAWN	CHECKED
1:100 @ A1	June, 2020	JG	
JOB	DRAWING	REVISION	
0000	STW-05	A	

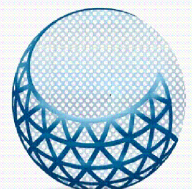


CATCHMENT LEGEND

- AREAS DRAINING TO OSD SYSTEM (1139m2)
- AREAS BYPASS OSD SYSTEM (260m2 - 18.5% OF TOTAL SITE AREAS)

ODS CATCHMENT PLAN
28 FISHER ROAD DEE WHY

FOR APPROVAL

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	A	20.03.23	FOR APPROVAL									SCALE 1:100 @ B1	DATE June, 2020	DRAWN JG	CHECKED
												JOB 0000	DRAWING STW-06		REVISION A

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