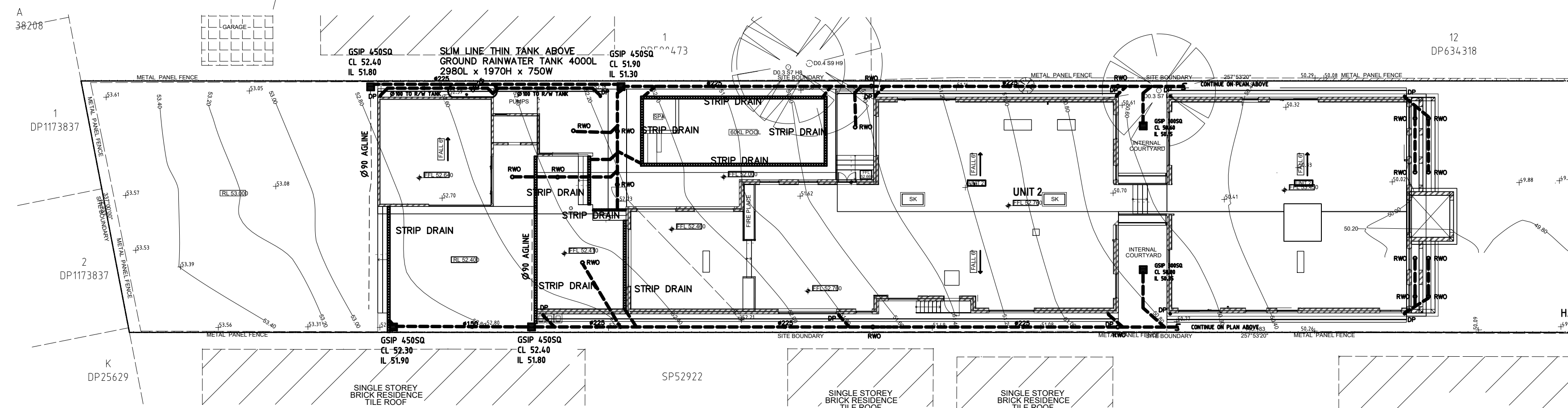


SITE DRAINAGE PLAN (UNIT 1)

SCALE 1: 200 @ A1
SCALE 1: 400 @ A3



SITE DRAINAGE PLAN (UNIT 2)

SCALE 1: 200 @ A1
SCALE 1: 400 @ A3

- ALL GUTTERS TO BE QUAD MINIMUM SIZE TO ARCHITECTURAL SPECIFICATIONS.
- ALL PLANTING AREAS ARE TO HAVE SUB-SOIL DRAINAGE AG. LINES WRAPPED WITH GEOTEXTILE FABRIC AND SURROUNDED WITH BLUE METAL OR ATLANTIS SUB-SOIL DRAINAGE CELLS. FALL PLANTER BASES TO OUTLETS.
- ALL BALCONIES ARE TO HAVE A Ø65mm OVERFLOW PIPE OR AN 80mm SQUARE OPENING ACTING AS AN OVERFLOW.
- ALL DOWNPIPES TO BE 90mm DIAMETER PVC OR EQUIVALENT. TO ARCHITECTURAL SPECIFICATIONS.
- PROVIDE INSPECTION OPENING AT THE BASE OF EACH DOWNPIPE THAT IS CONNECTED TO RAINWATER TANK.
- PROVIDE AG.LINES BEHIND ALL RETAINING WALLS AND SUBSOIL DRAINAGE AS PER STRUCTURAL ENGINEERING DETAILS.ALL LINES TO DRAIN TO PITS.

* 25.75 DENOTES PROPOSED LEVEL
26.53 DENOTES EXISTING LEVEL

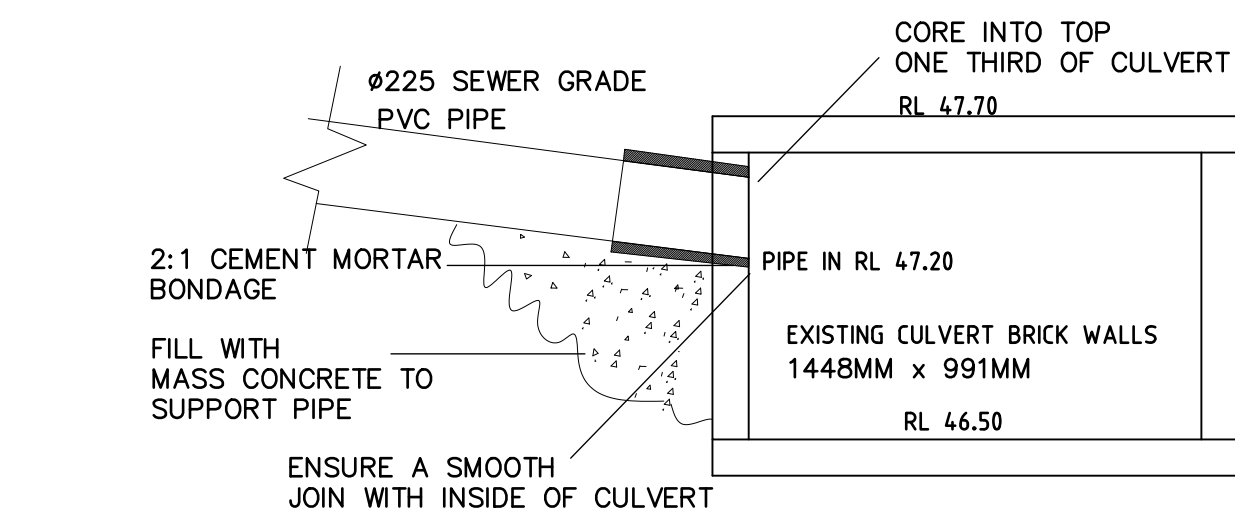
NOTE: IMPERVIOUS AREA MUST REMAIN UNDER 66% OTHERWISE OSD POLICY APPLIES

TOTAL AREA : 2201m²
AREA OF IMPERVIOUS SURFACE : 1106.5m²
PERCENTAGE OF IMPERVIOUS SURFACE : 50%

NOTE: IMPERVIOUS AREA MUST REMAIN UNDER 66%
OTHERWISE OSD POLICY APPLIES

ALL SITE WORKS ARE TO COMPLY WITH
COUNCIL'S STORMWATER SYSTEM REPORT DATED
13 MAY 2024.

OPEN TYPE LOUVRE FENCE MIN 300mm HIGH AROUND
ENTIRE PROPERTY BOUNDARY TO PERMIT FOR UNOBSTRUCTED
OVERLAND FLOW IN THE 1 IN 100 YEAR ARI STORM EVENT.

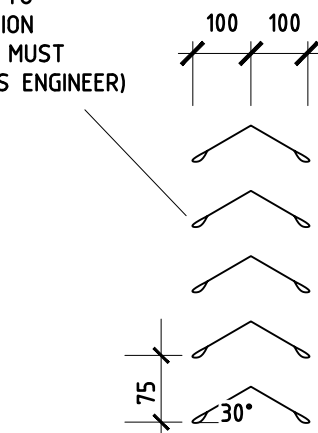


DRAINAGE CONNECTION DETAIL

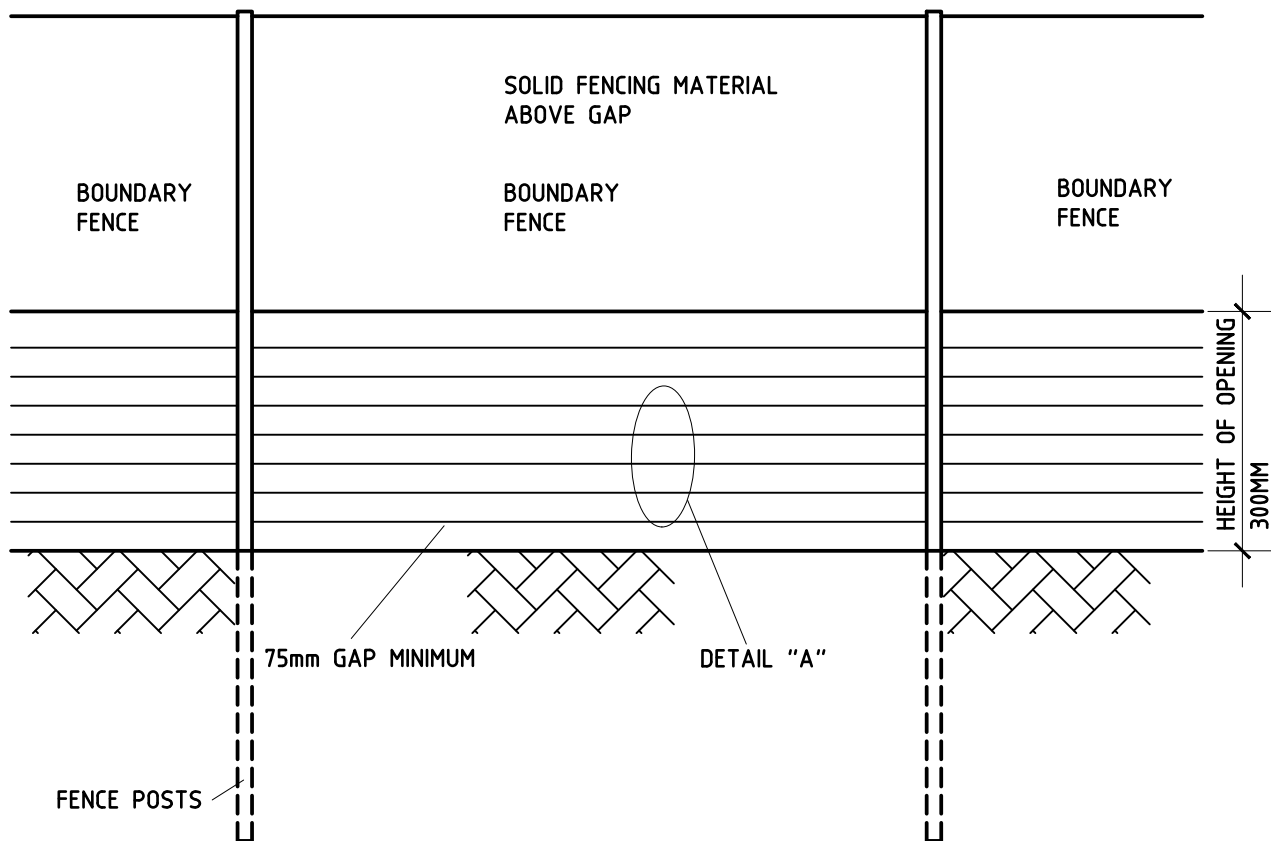
PLUMBER TO CONFIRM PIPE DEPTH AT CONNECTION
POINT PRIOR TO COMMENCEMENT OF ANY
STORMWATER WORKS.

COLORBOND LOUVRES FIXED TO
MANUFACTURERS SPECIFICATION
OR EQUIVALENT (APPROVAL MUST
BE OBTAINED FROM COUNCILS ENGINEER)

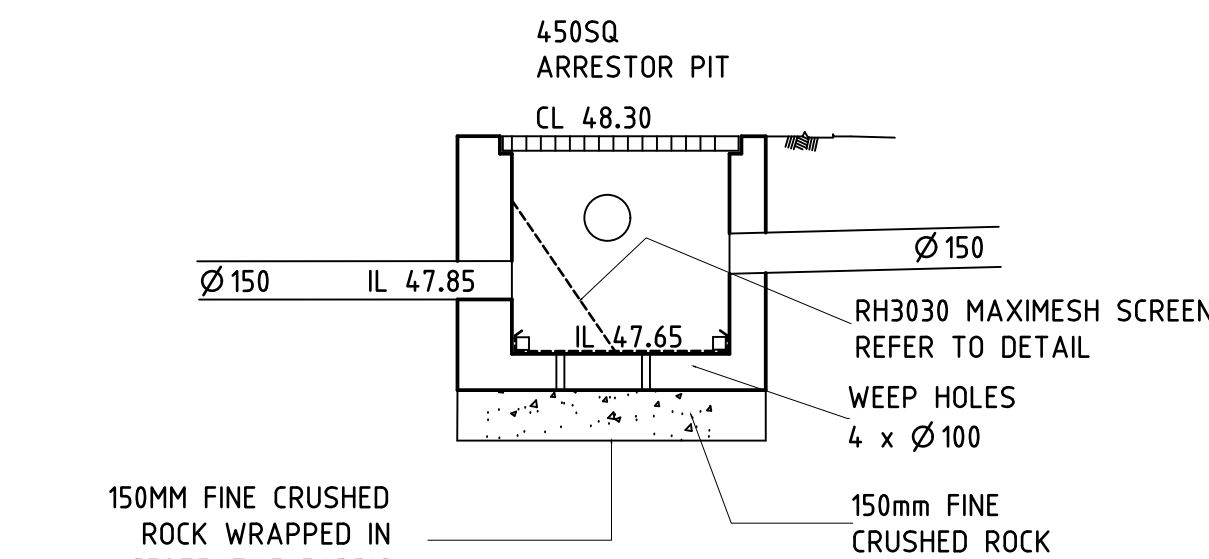
FOR LOUVRE TYPE
FENCE DETAILS REFER TO:
BANKSTOWN COUNCILS
STANDARD DRAWINGS
S112A AND S112B



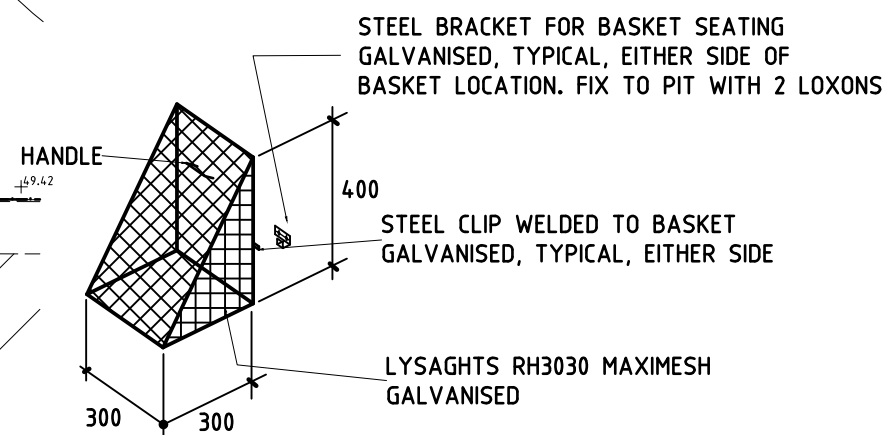
DETAIL "A" - SECTION



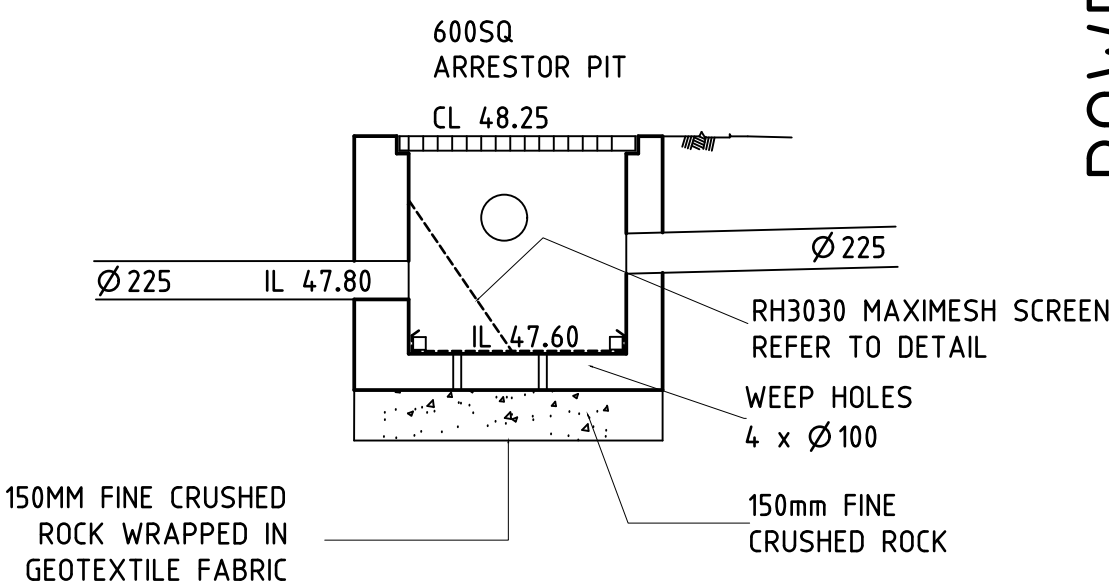
OVERLAND FLOW OPENING ELEVATION (TYPICAL)



SILT ARRESTOR PIT 1 DETAIL



SCREEN DETAIL



SILT ARRESTOR PIT 2 DETAIL

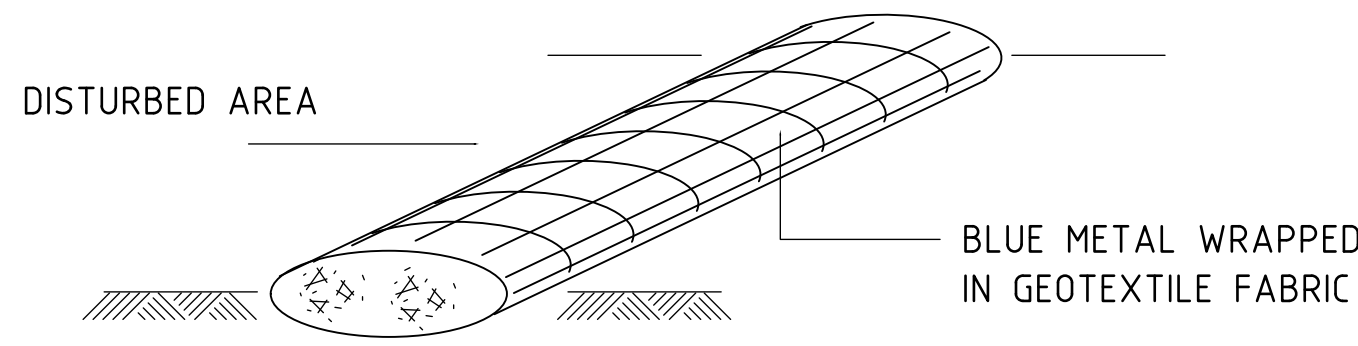
NOTES:

- ALL SERVICE ARE TO BE LOCATED IN THE FIELD IN CONJUNCTION WITH A RESPONSIBLE OFFICER OF EACH RELEVANT AUTHORITY PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- DRAINAGE PITS ARE TO BE 450mm SQUARE OR LARGER AS SHOWN, AND FITTED WITH A GALVANISED GRATE.
- ALL PITS ARE TO HAVE A GALVANISED GRATE AND FRAME. FRAME TO BE CAST INTEGRALLY WITH THE PIT.
- ALL PITS ARE TO BE BENCHED TO HALF PIPE LEVEL.
- PROVIDE STEP IRONS WHERE PIT IS DEEPER THAN 1m. AT 450mm CENTRES.
- DRAINAGE PIPE SIZES ARE 100mm DIAMETER UNLESS OTHERWISE NOTED.
- DRAINAGE PIPES SHALL BE SEWER GRADE uPVC UNLESS OTHERWISE NOTED.
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- 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.
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-

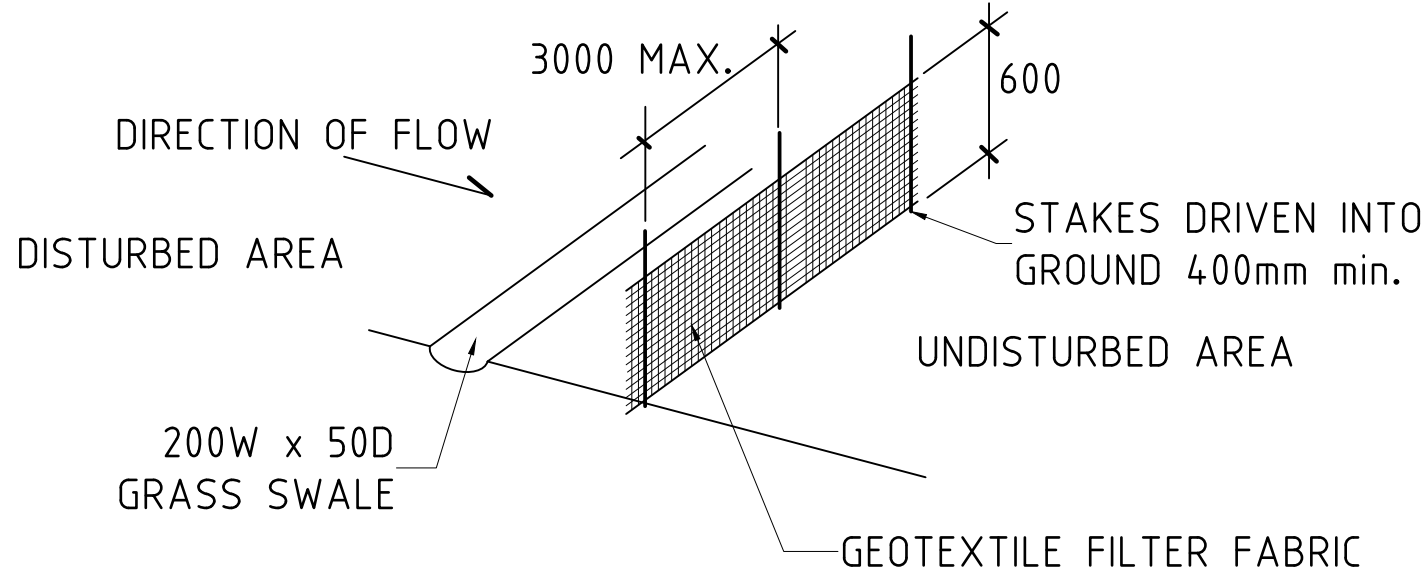
LEGEND

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
WSL	WATER SURFACE 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	FIBRE REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE
RRJ	RUBBER RING JOINT
U/S	UNDERSIDE OF SLAB
O/F	OVERFLOW
RWO	RAIN WATER OUTLET DROPPER

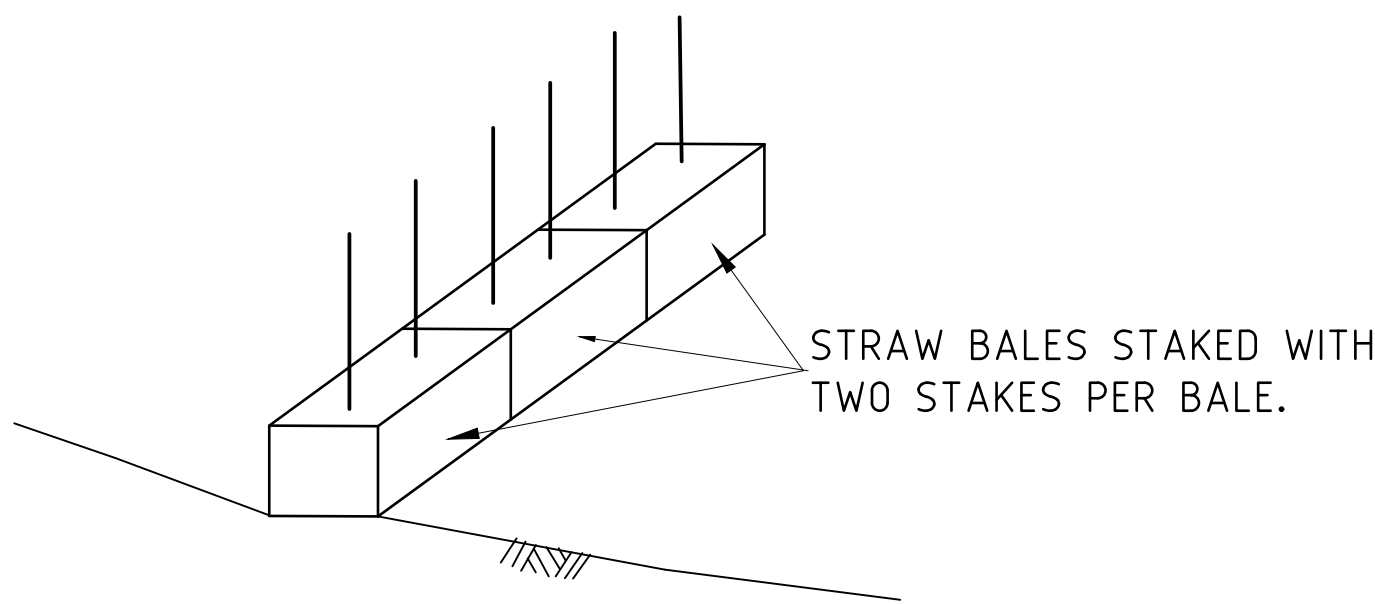
A	30.01.2025	CONCEPT, ISSUED FOR APPROVAL	TA
REV.	DATE	AMENDMENT DESCRIPTION	DRAWN
TAA CONSULTING GROUP Tony Ahal Registered Engineer Design Practitioner. 201/25 FALCON STREET CROWS NEST NSW 2065 Ph: 0411778799 Email: engineers@taaconultinggroup.com			
PROPOSED DWELLING DEVELOPMENT 44 POWELL STREET, YAGOONA			
STORMWATER DRAINAGE & SEDIMENT CONTROL DETAILS			
DRAWN	CHECKED	SCALE	DATUM
TA	TONY AHAL - Civil & Structural Engineer (B.E., M.Built.Surv., (ME)Aust)11080225	AS SHOWN	N/A
		DRAWING No.	REV.
		H44P - S1/2	A



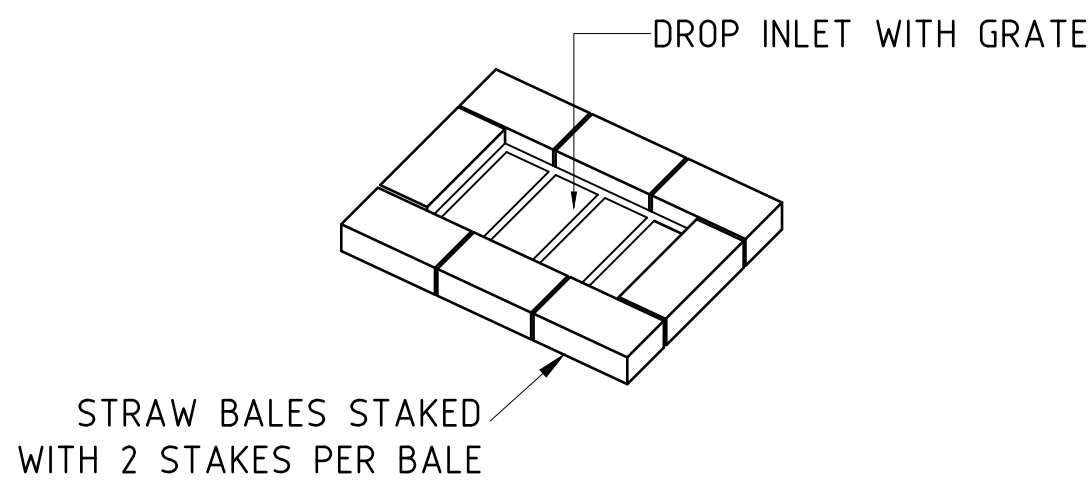
SEDIMENT BARRIER



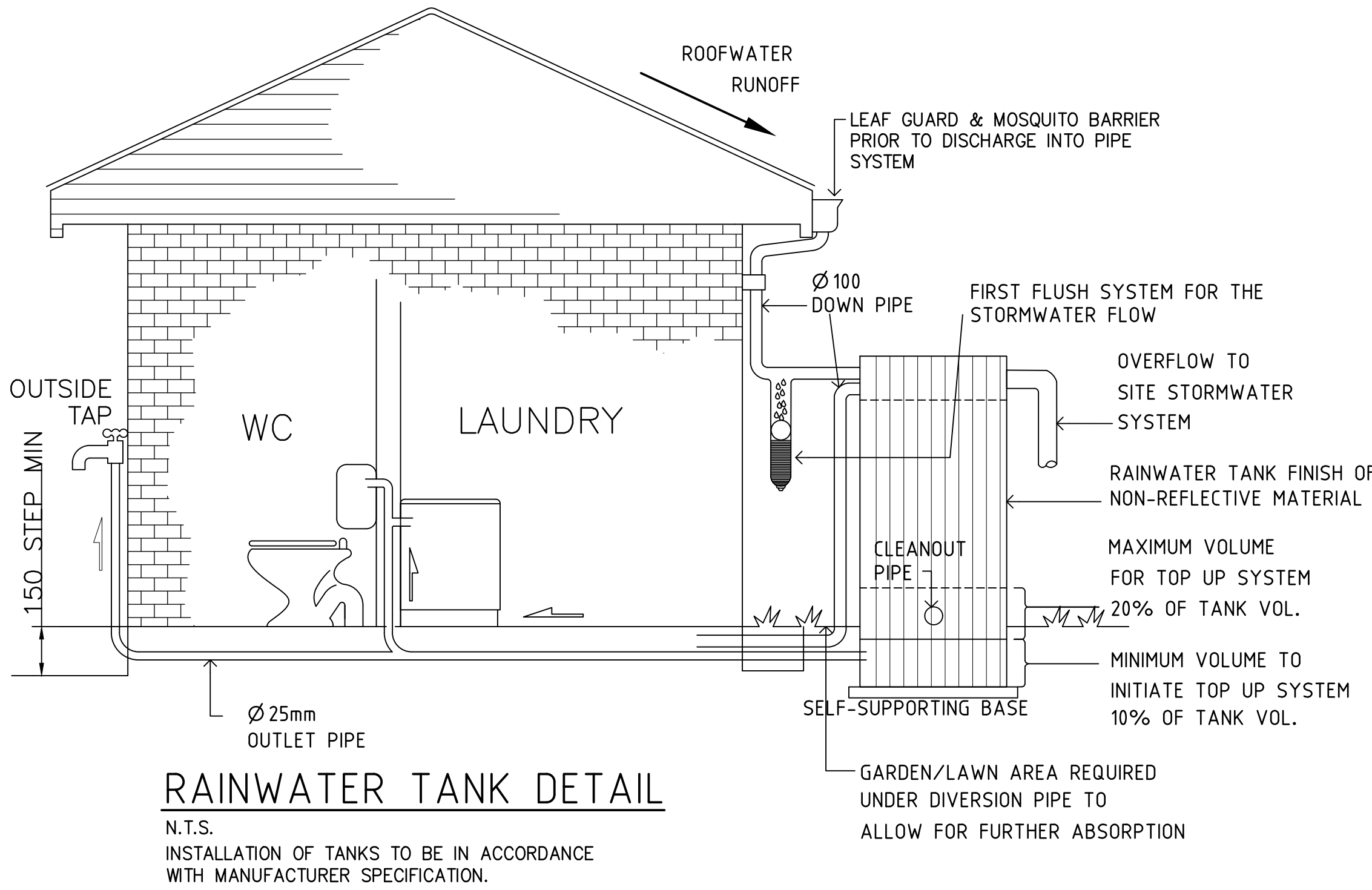
SEDIMENT FENCE DETAIL



STRAW BALE SEDIMENT TRAP

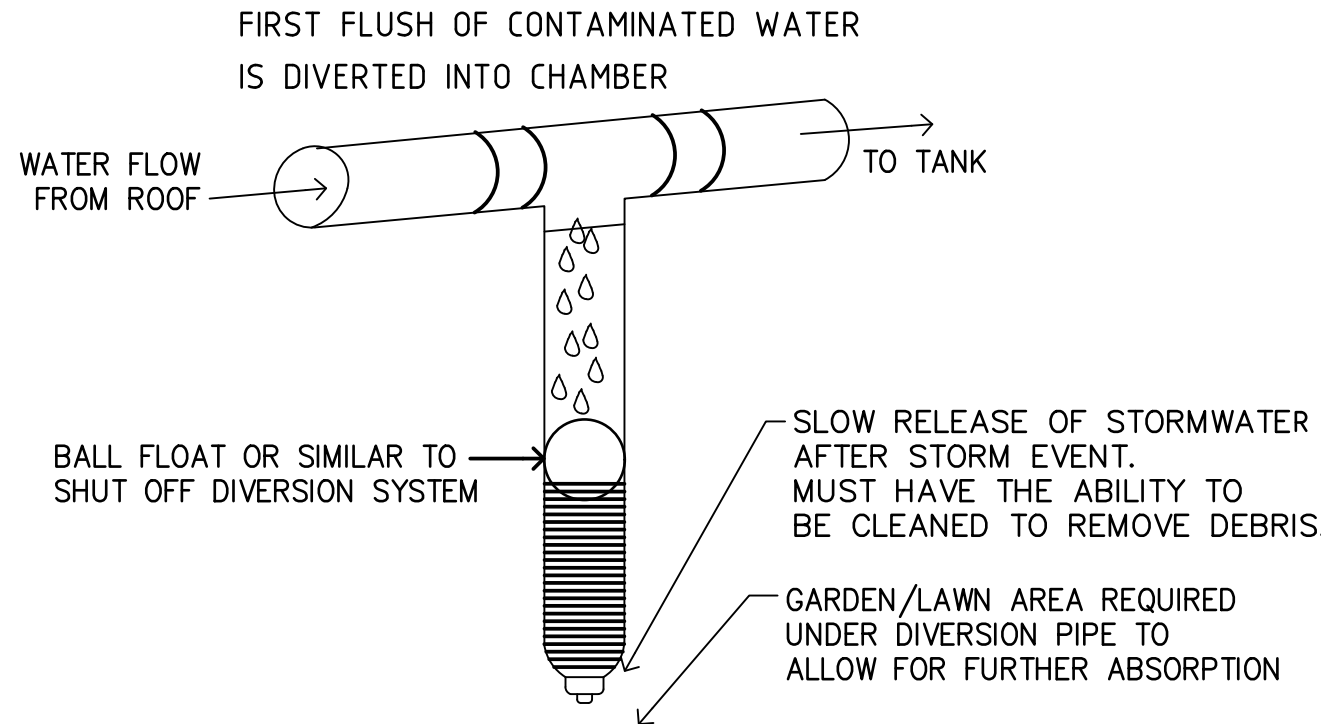


STRAW BALE DROP INLET



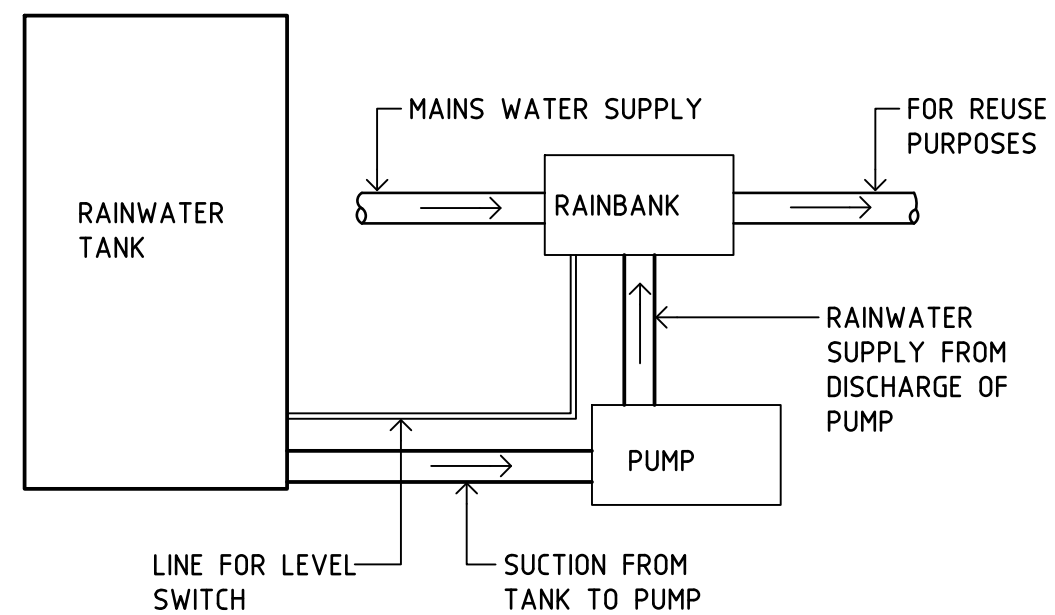
RAINWATER TANK DETAIL

N.T.S.
INSTALLATION OF TANKS TO BE IN ACCORDANCE WITH MANUFACTURER SPECIFICATION.



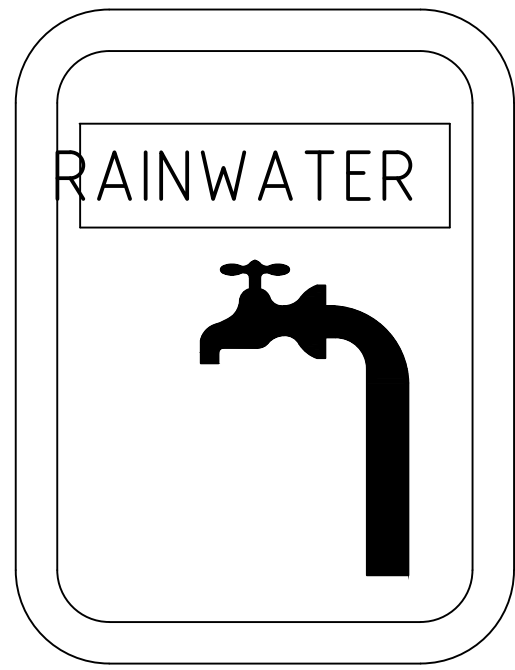
FIRST FLUSH WATER DIVERTER DETAIL

NTS



PLAN

N.T.S.



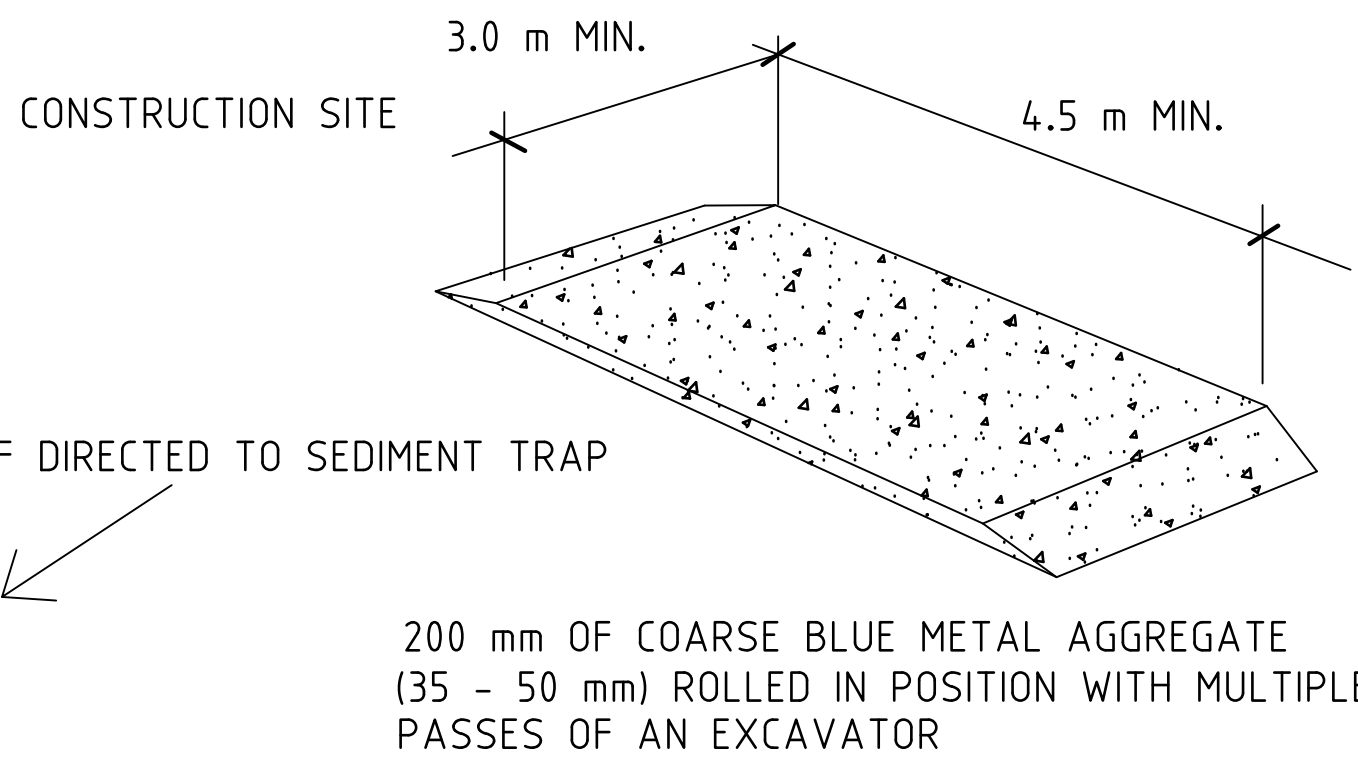
DIMENSIONS: 120MM X 150MM
BACKGROUND COLOUR IS YELLOW.
TEXT IS WHITE ON BLACK
BACKGROUND
TAP SYMBOL IS BLACK.

RAINWATER TANK

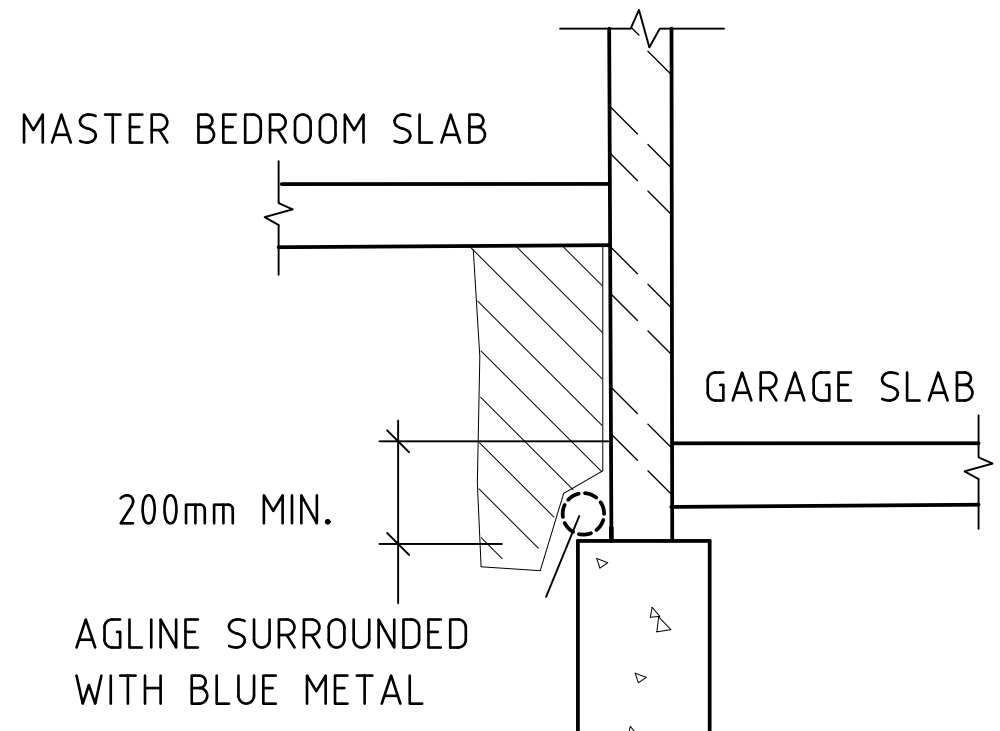
SIGNAGE

NOTES:

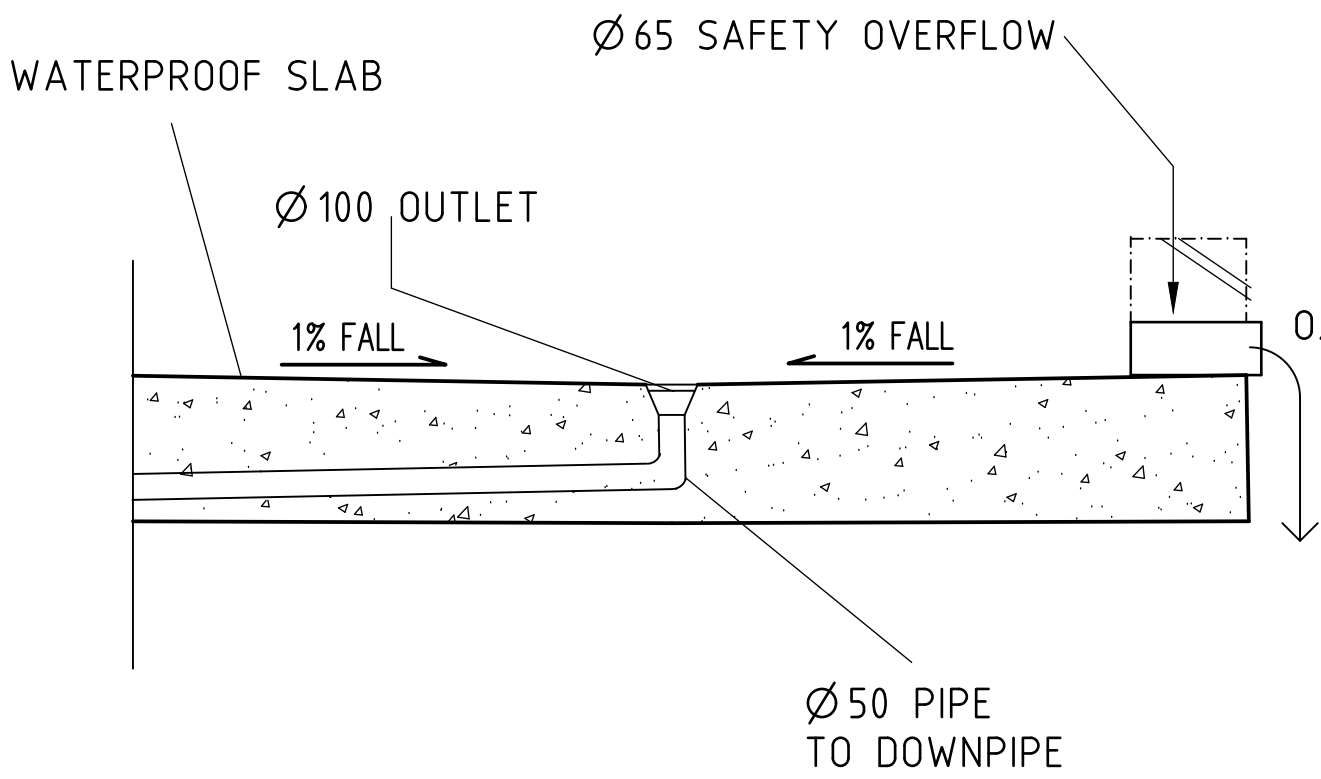
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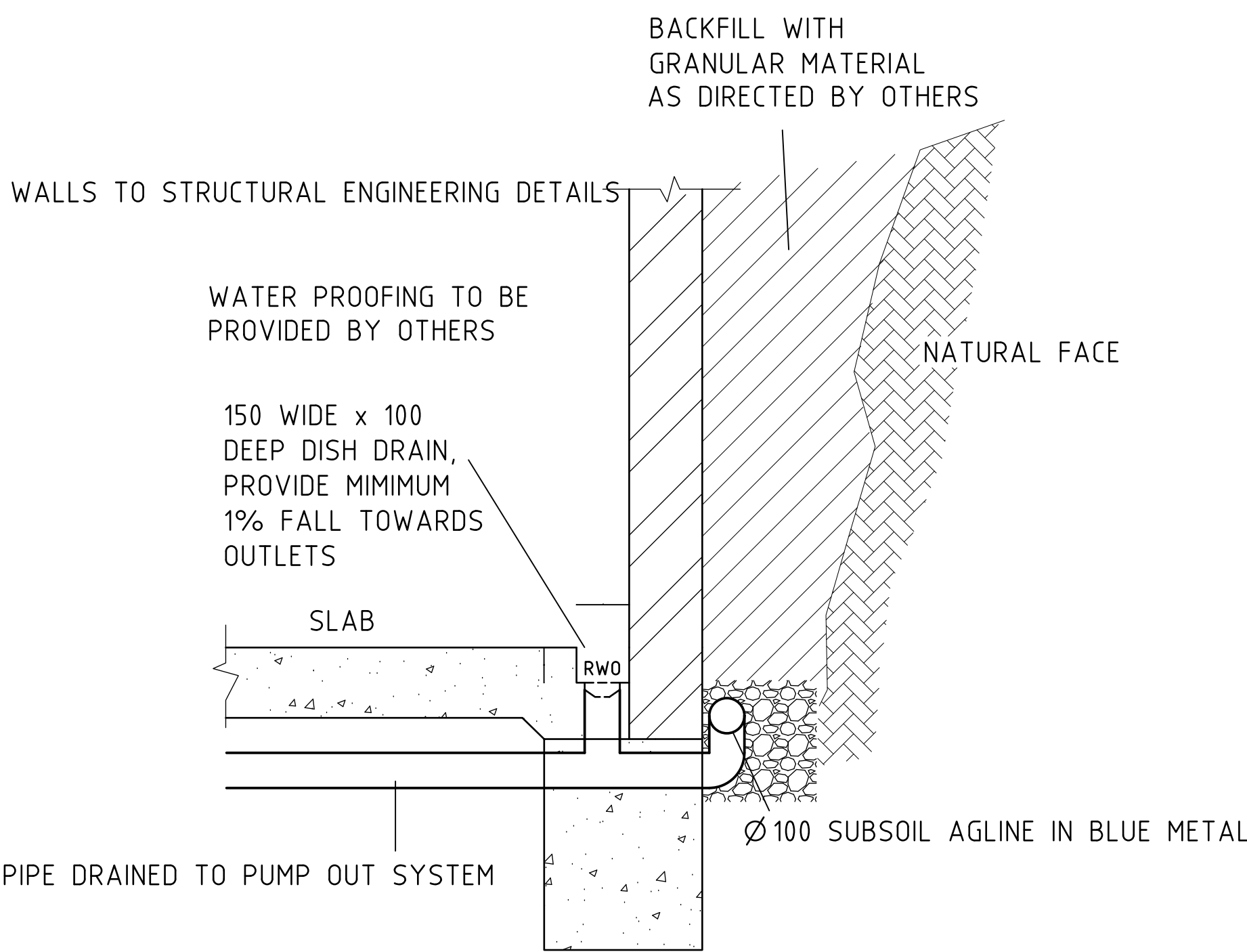
CONSTRUCTION ENTRY/EXIT DETAIL



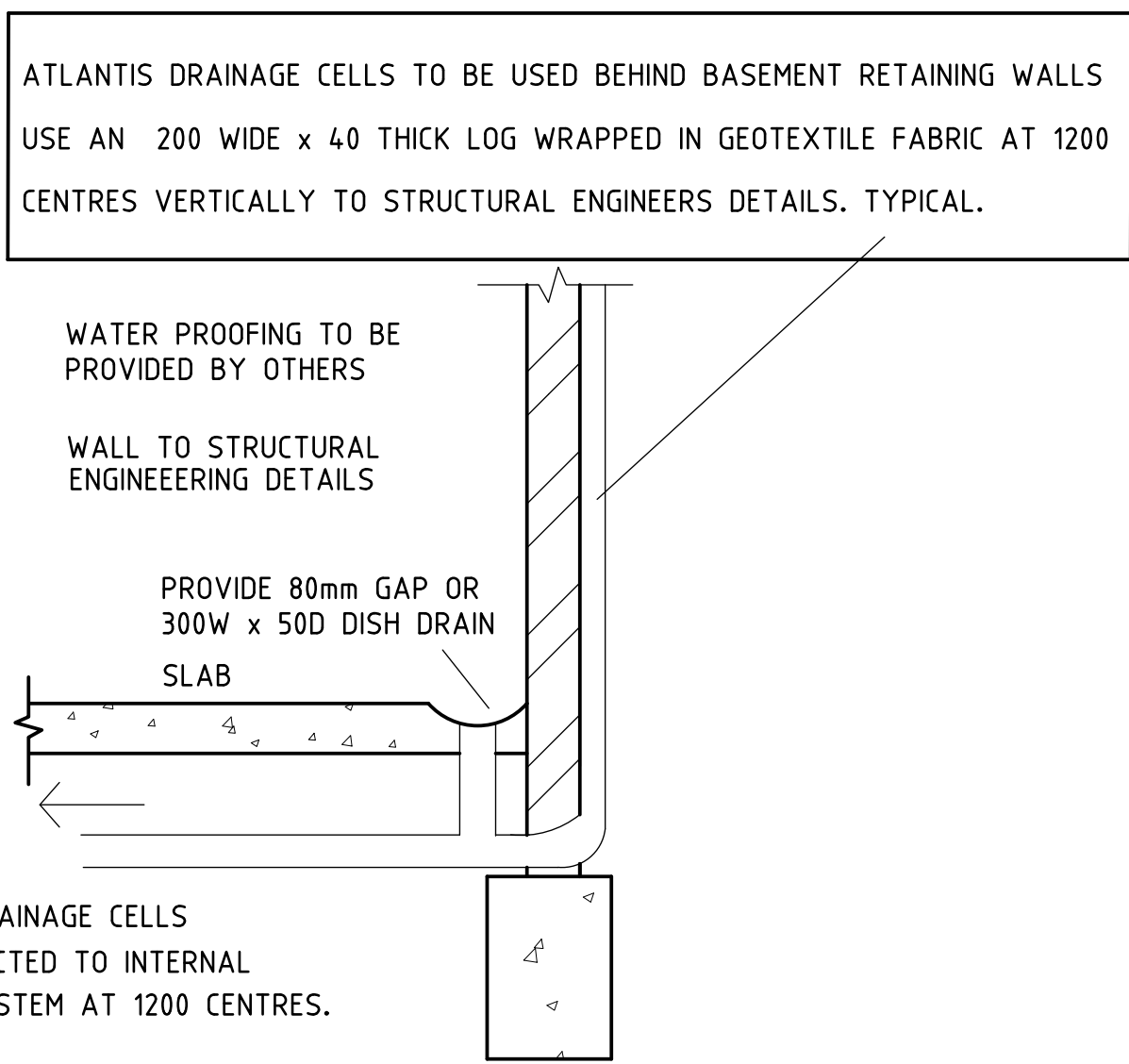
TYPICAL GARAGE STEPDOWN DRAINAGE DETAIL



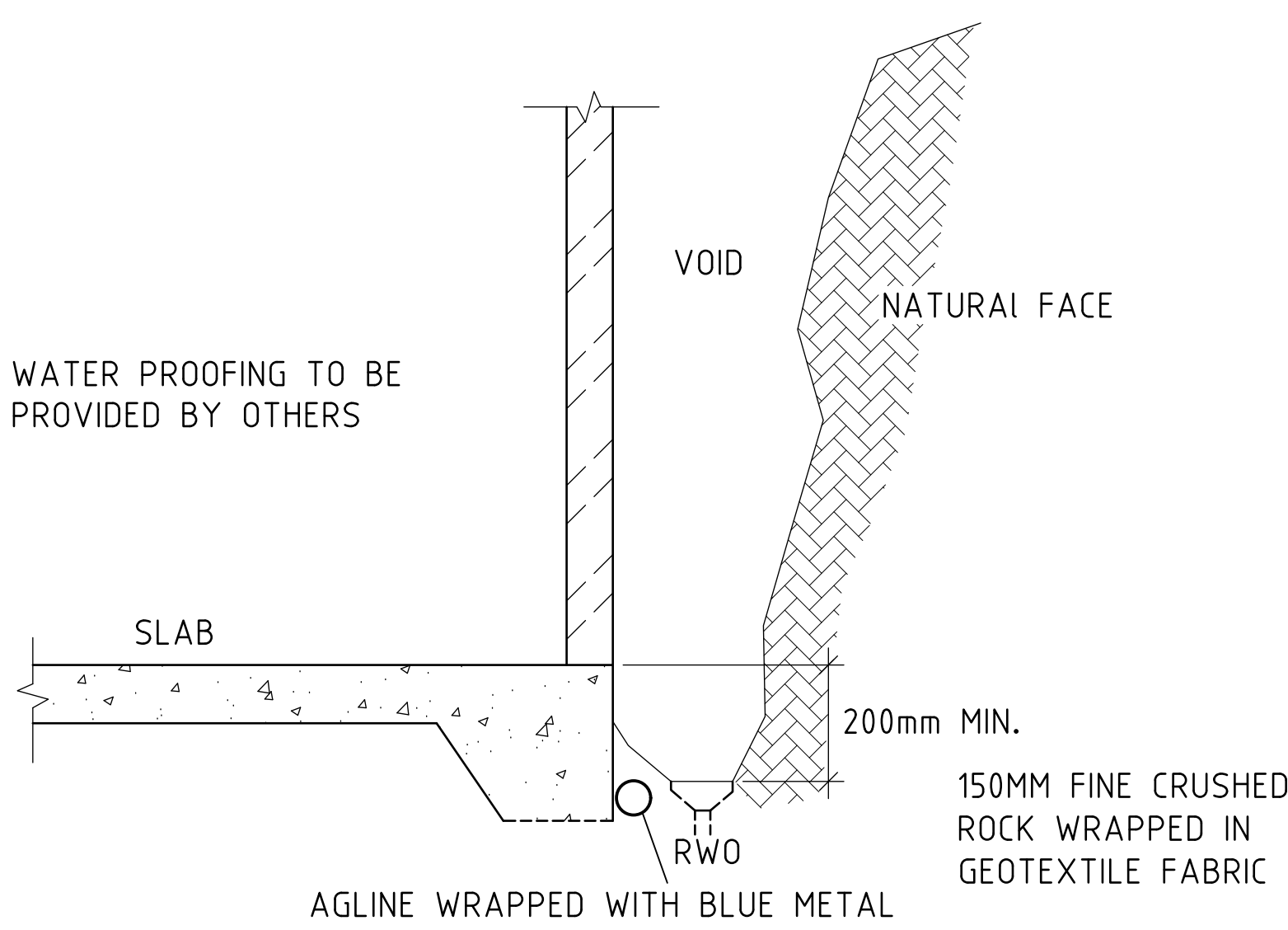
BALCONY OUTLET DETAIL (RWO)



TYPICAL BASEMENT WALL DRAINAGE DETAIL



TYPICAL BASEMENT WALL DRAINAGE DETAIL



TYPICAL VOID DRAINAGE DETAIL

LEGEND

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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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DRAWN	CHECKED	SCALE	DATUM
TA	TONY AHAL - Civil & Structural Engineer (B.E., M.BusIn.Serv., (MPEWS)1060225	AS SHOWN	N/A
		DRAWING No.	REV.
		H44P - S2/2	A