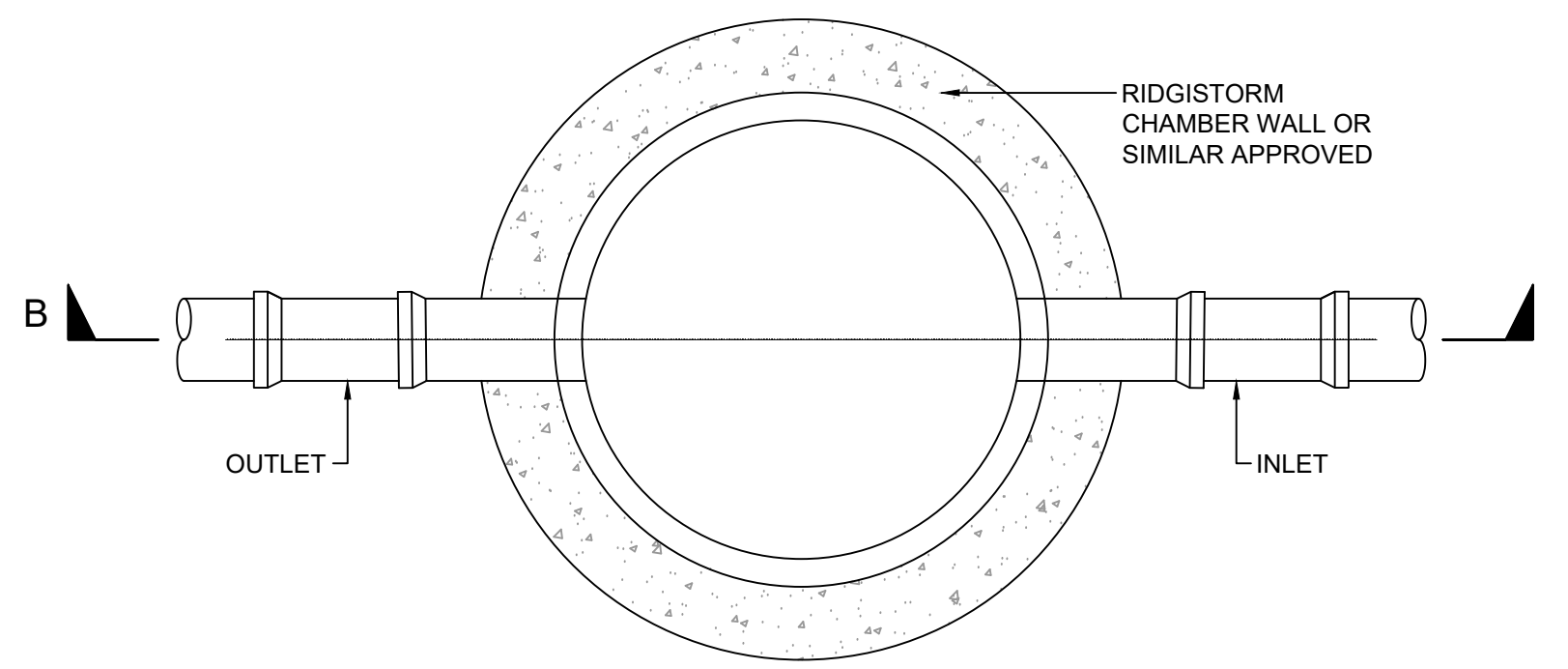
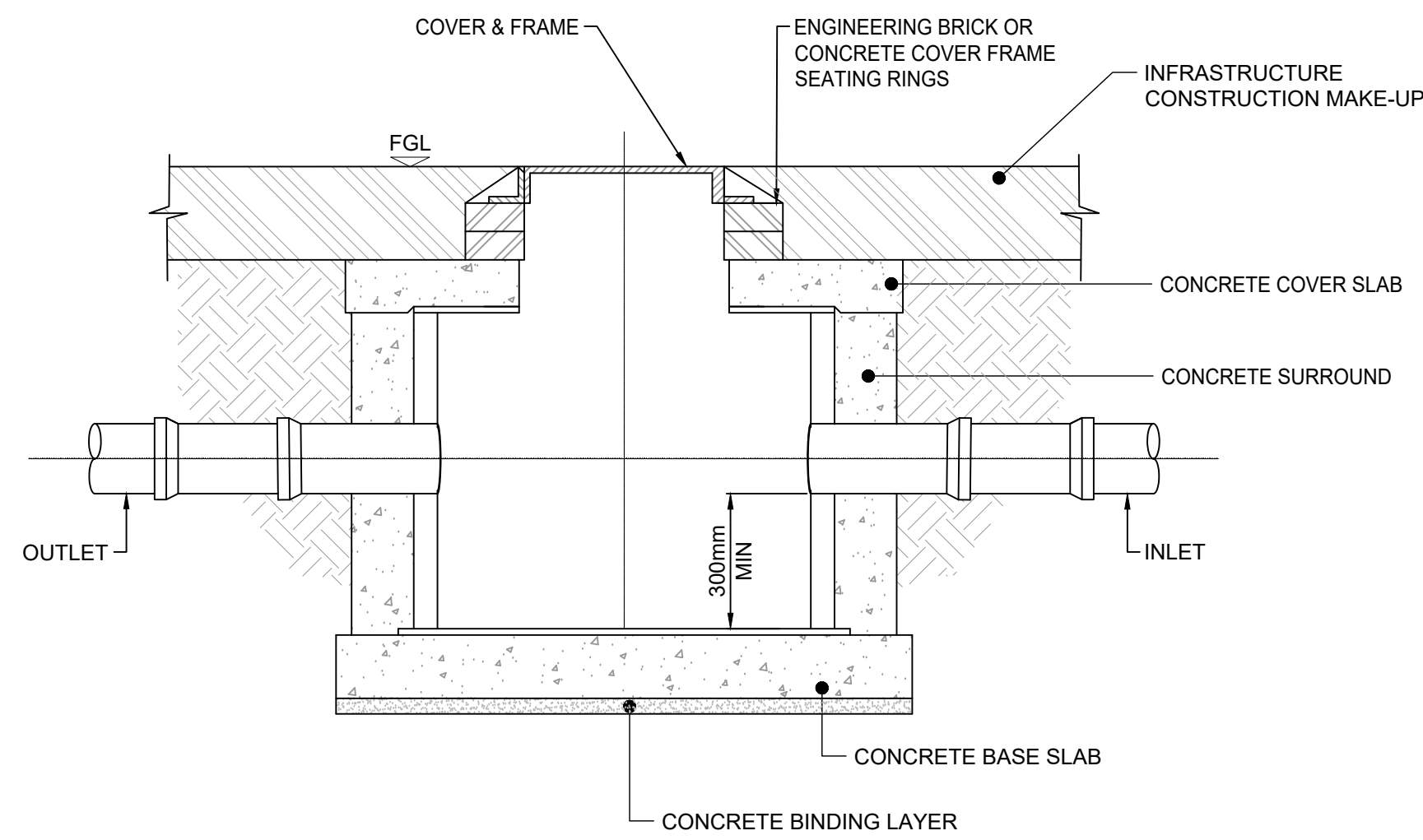


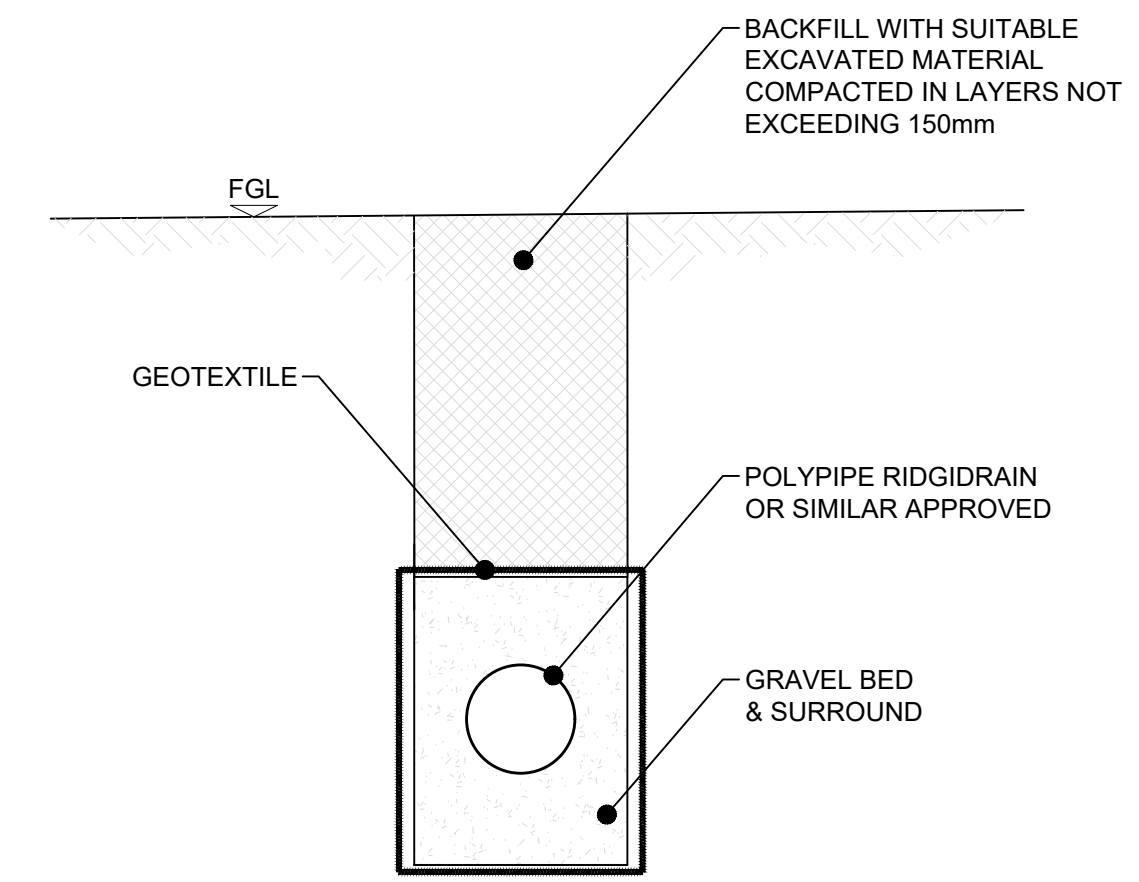
Ø OF LARGEST PIPE IN MANHOLE (mm)	INTERNAL DIAMETER OF MANHOLE (mm)
LESS THAN 375	1200
375 - 700	1500
750 - 900	1800



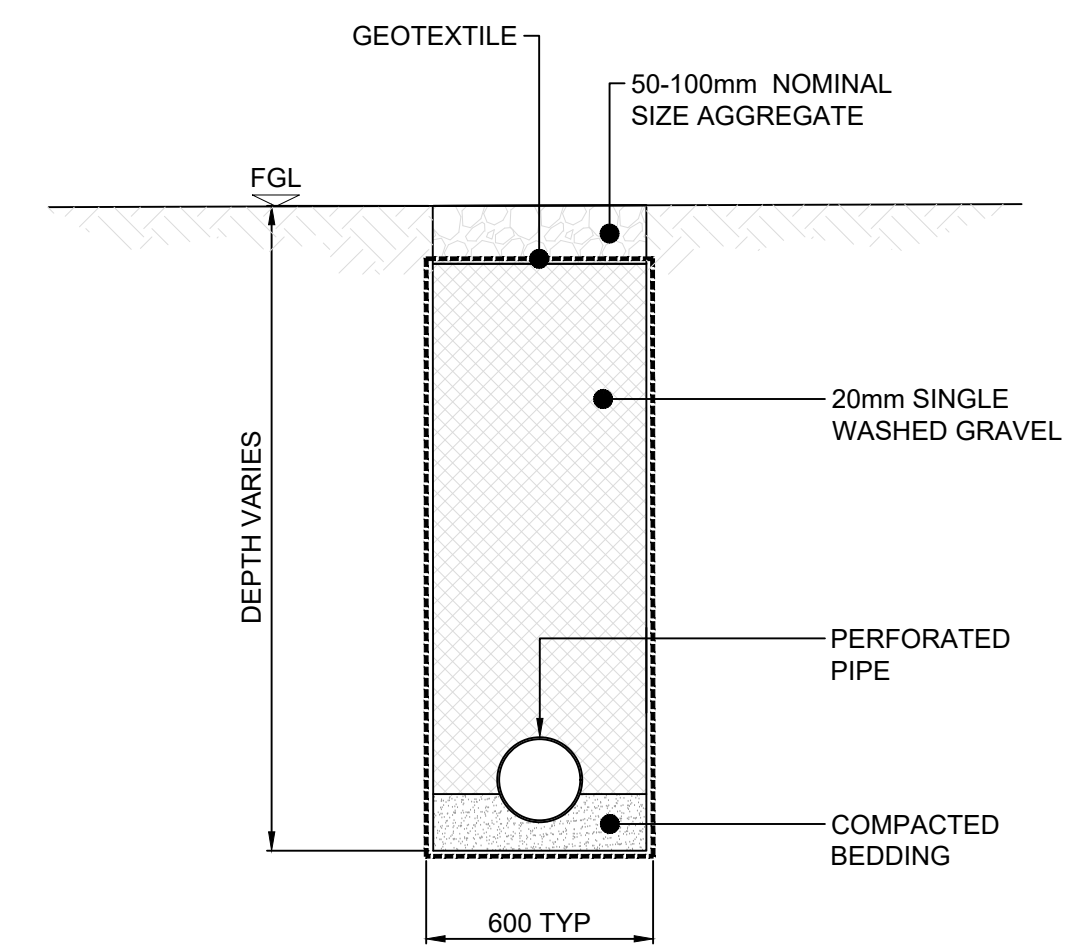
MANHOLE WITH CATCHPIT
SCALE 1:20



SECTION B-B
SCALE 1:20

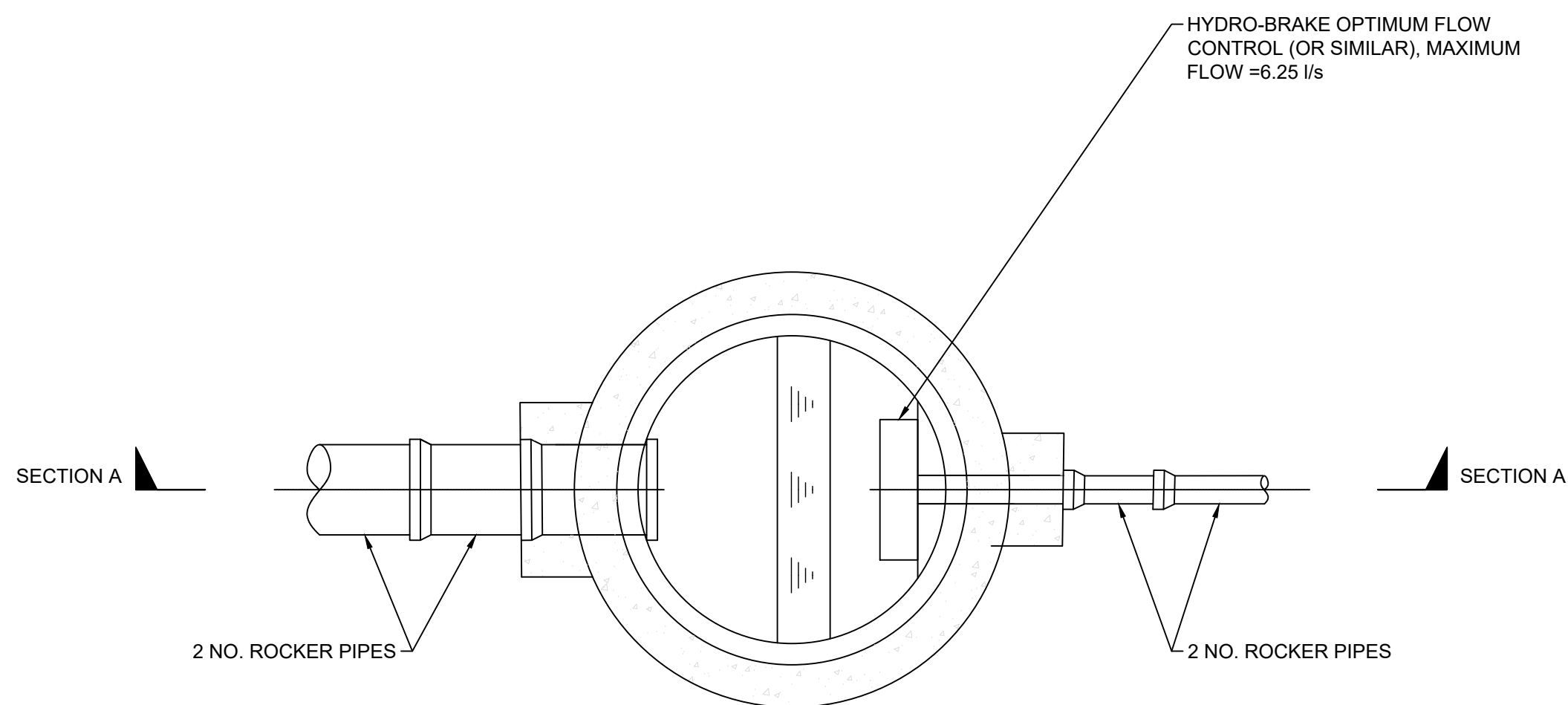


PIPE BEDDING DETAIL
SCALE 1:20

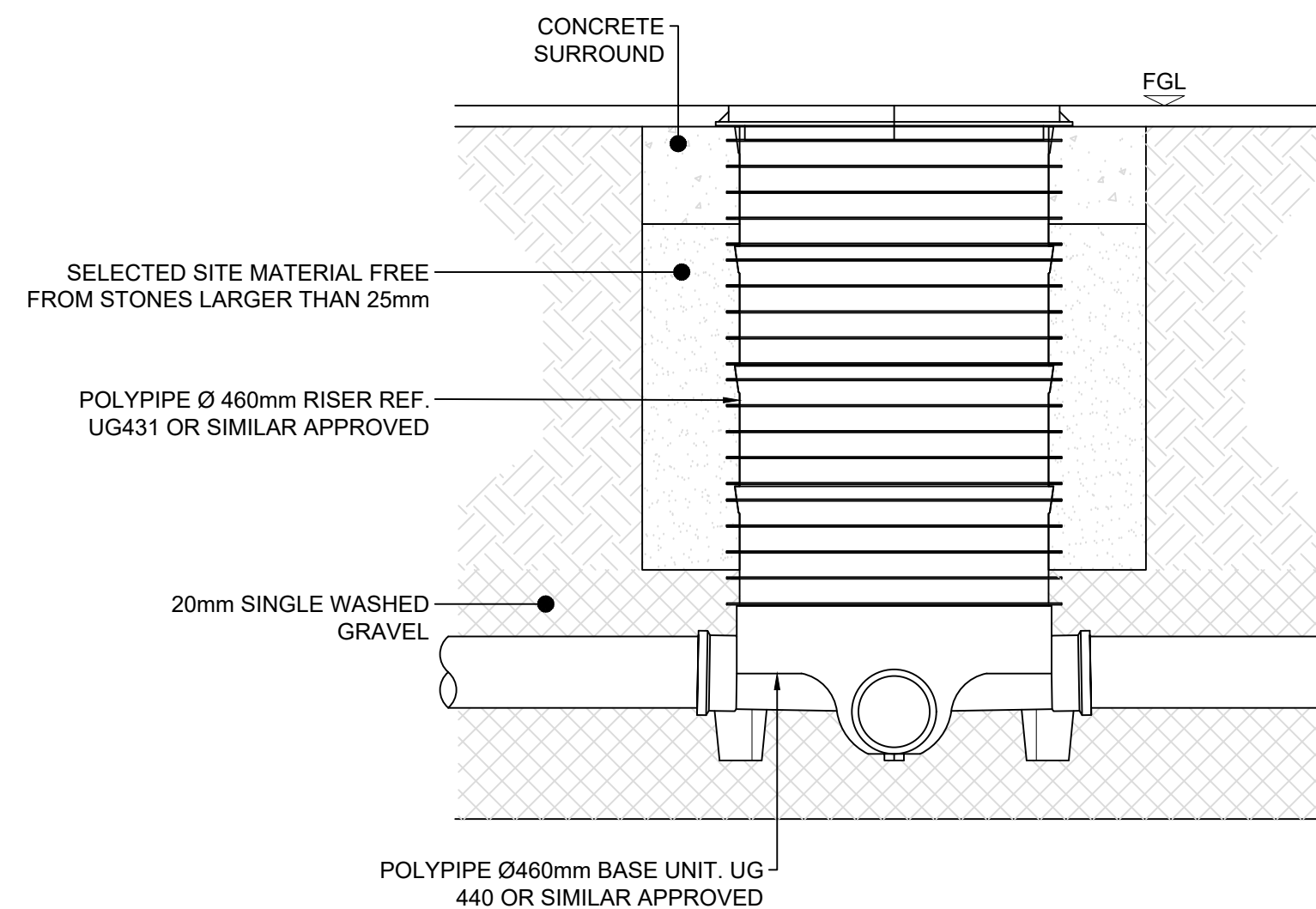


FILTER DRAIN DETAIL
SCALE 1:20

- NOTES:
- DO NOT SCALE, ANY DISCREPANCIES SHALL BE HIGHLIGHTED TO THE DESIGNER FOR CONFIRMATION.
 - SUDS SYSTEMS TO BE CONSTRUCTED PRIOR TO, OR AT THE SAME TIME AS THE ACCESS TRACK AND COMPOUND. INTERIM MEASURES SUCH AS THE PLACEMENT OF SILT FENCES TO BE USED AROUND WATERCOURSES AND RETAINED IN PLACE UNTIL SUDS ARE ESTABLISHED AND PROVIDING SUFFICIENT SILT REMOVAL.
 - WHERE RESEEDING IS REQUIRED, NATIVE SPECIES SEED MIX SHALL BE USED BASED UPON THE SURROUNDING HABITAT. THE PLANTING SHALL BE CAPABLE OF RESISTING DROUGHT CONDITIONS.
 - AREAS STRIPPED OF VEGETATION SHOULD BE KEPT TO A MINIMUM.
 - SILT LEVELS AT DETENTION BASIN TO BE VISUALLY INSPECTED AS PART OF AN ONGOING MAINTENANCE PROGRAMME DURING THE CONSTRUCTION PHASE. WHERE CHECK DAMS BECOME CLOGGED WITH SILT OR VEGETATION, STONE CHECK DAM TO BE REMOVED AND DISPOSED OF APPROPRIATELY.
 - SUDS DETAILS, DIMENSIONS AND LEVELS MAY BE MODIFIED DURING DETAILED DESIGN. CHANGES WILL ADHERE TO THE REQUIREMENTS AND PHILOSOPHY IN THE SURFACE WATER MANAGEMENT PLAN AND ADDENDUM.



MANHOLE DETAIL WITH FLOW CONTROL DEVICE
SCALE 1:20



TYPICAL INSTALLATION DETAIL FOR INSPECTION PIPE CHAMBER
SCALE 1:20

SHEET 1 OF 3

ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
1	BM	WM	JM	2024-03-27	FIRST ISSUE
PURPOSE					COORDINATES
PLANNING					N/A
SCALE					DATUM
AS SHOWN @ A1					N/A
LAYOUT DWG					T.LAYOUT NO.
N/A					N/A

PROJECT TITLE
CORSHELLACH ENERGY STORAGE

DRAWING TITLE
TYPICAL DRAINAGE DETAILS

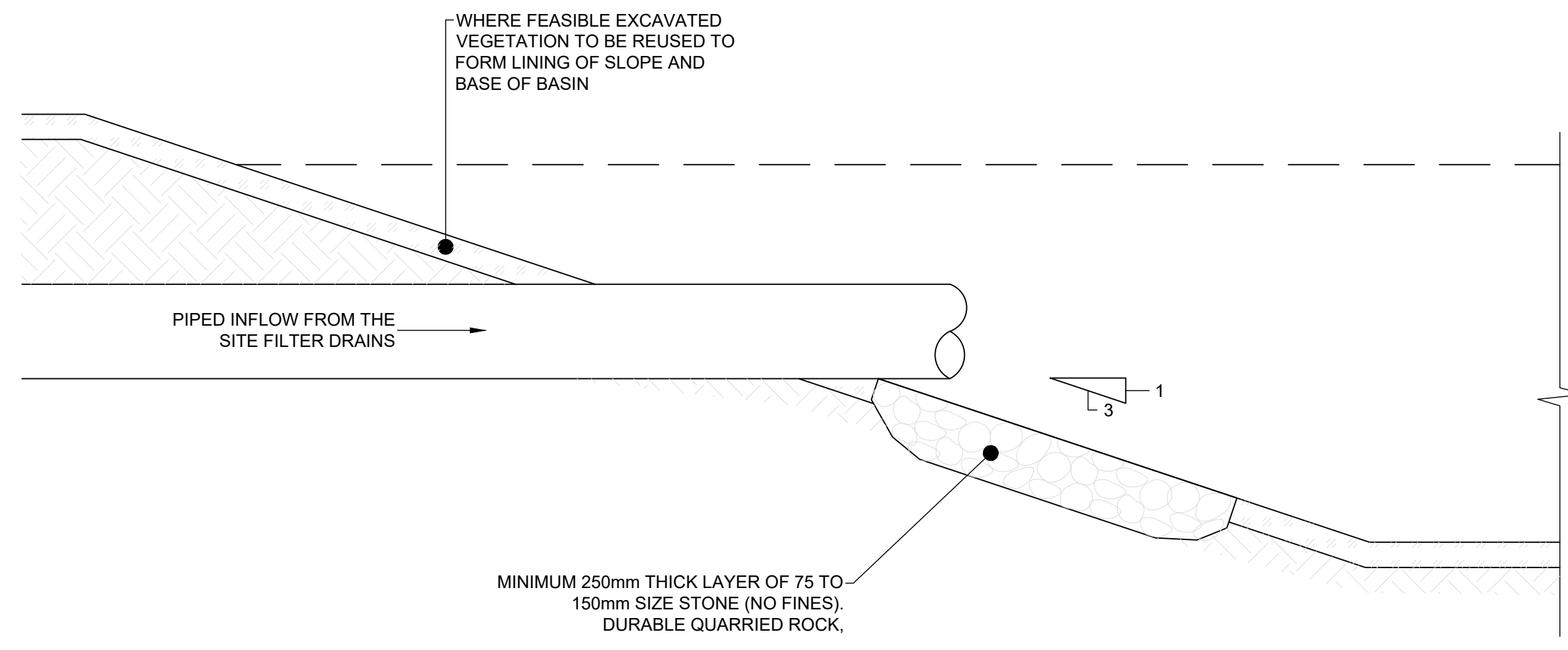
RES DRAWING NUMBER
04876-RES-DRN-DR-PT-001

REV
1

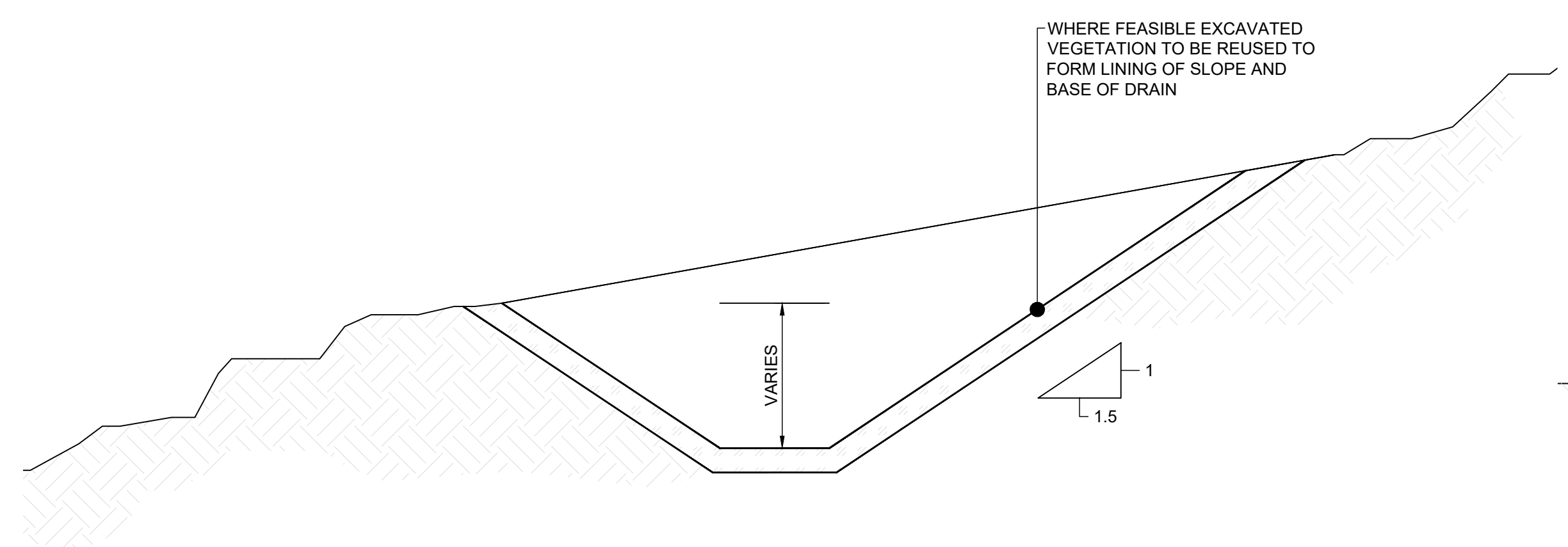
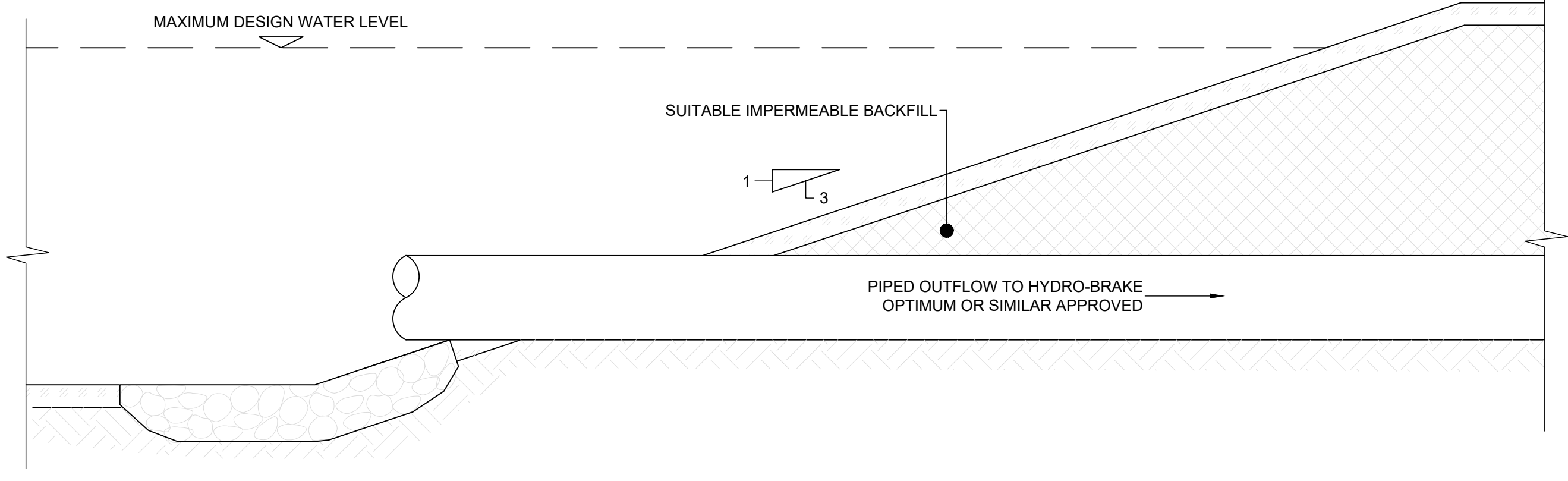
THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LIMITED AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION

res

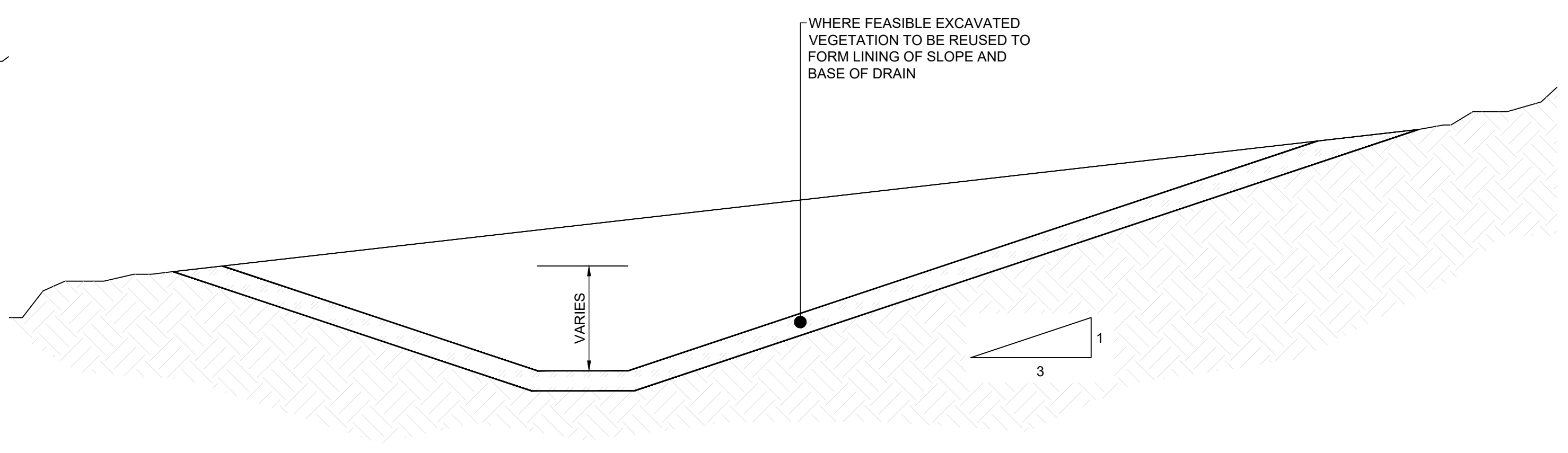
BEAUFORT COURT,
EGG FARM LANE,
KINGS LANGLEY,
HERTS WD4 8LR, UK
TEL: +44 (0) 1923 29000
WWW.RES-GROUP.COM



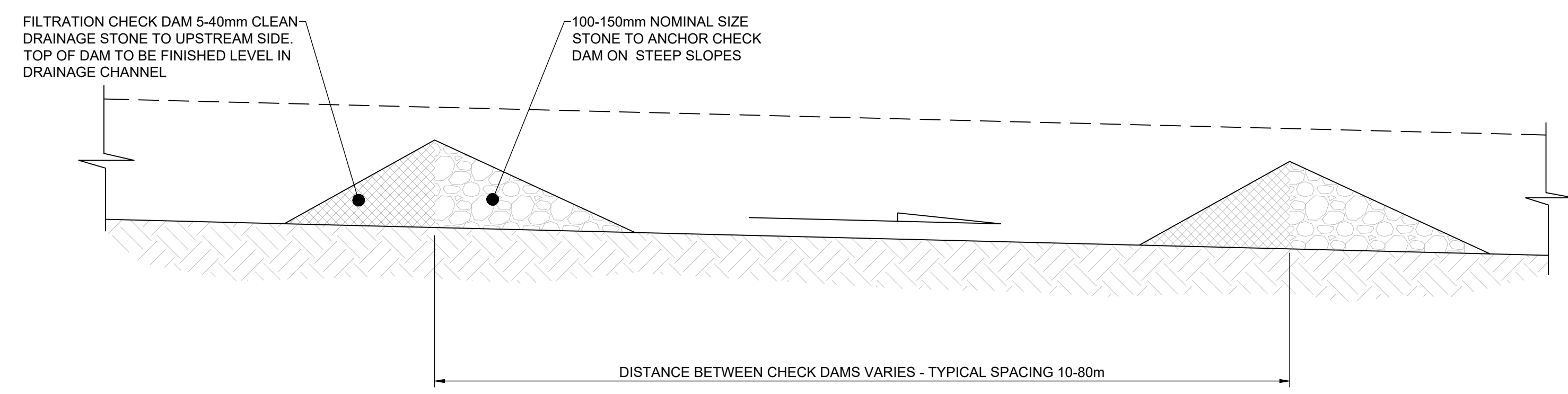
TYPICAL SECTION OF ATTENUATION BASIN
SCALE - NTS



TYPICAL DRAINAGE CHANNEL
SCALE - 1:20



TYPICAL SWALE DETAIL
SCALE - 1:20



TYPICAL FILTRATION CHECK DAM DETAIL
SCALE - 1:20

- NOTES:
- DO NOT SCALE. ANY DISCREPANCIES SHALL BE HIGHLIGHTED TO THE DESIGNER FOR CONFIRMATION.
 - SUDS SYSTEMS TO BE CONSTRUCTED PRIOR TO, OR AT THE SAME TIME AS THE ACCESS TRACK AND COMPOUND. INTERIM MEASURES SUCH AS THE PLACEMENT OF SILT FENCES TO BE USED AROUND WATERCOURSES AND RETAINED IN PLACE UNTIL SUDS ARE ESTABLISHED AND PROVIDING SUFFICIENT SILT REMOVAL.
 - WHERE RESEEDING IS REQUIRED, NATIVE SPECIES SEED MIX SHALL BE USED BASED UPON THE SURROUNDING HABITAT. THE PLANTING SHALL BE CAPABLE OF RESISTING DROUGHT CONDITIONS.
 - AREAS STRIPPED OF VEGETATION SHOULD BE KEPT TO A MINIMUM.
 - SILT LEVELS AT DETENTION BASIN TO BE VISUALLY INSPECTED AS PART OF AN ONGOING MAINTENANCE PROGRAMME DURING THE CONSTRUCTION PHASE. WHERE CHECK DAMS BECOME CLOGGED WITH SILT OR VEGETATION, STONE CHECK DAM TO BE REMOVED AND DISPOSED OF APPROPRIATELY.
 - SUDS DETAILS, DIMENSIONS AND LEVELS MAY BE MODIFIED DURING DETAILED DESIGN. CHANGES WILL ADHERE TO THE REQUIREMENTS AND PHILOSOPHY IN THE SURFACE WATER MANAGEMENT PLAN AND ADDENDUM.

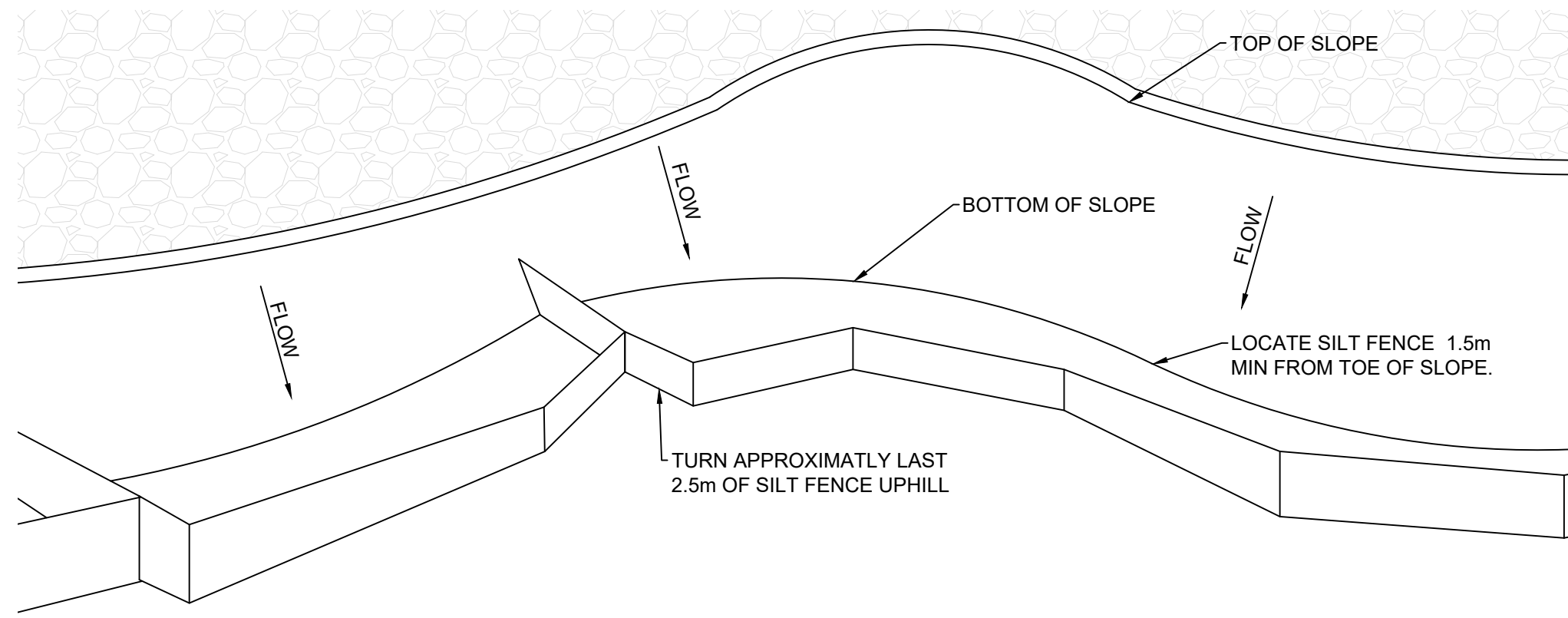
SHEET 2 OF 3

ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
1	BM	WM	JM	2024-03-27	FIRST ISSUE
PURPOSE					COORDINATES
PLANNING					N/A
SCALE					DATUM
AS SHOWN @ A1					N/A
LAYOUT DWG					T.LAYOUT NO.
N/A					N/A

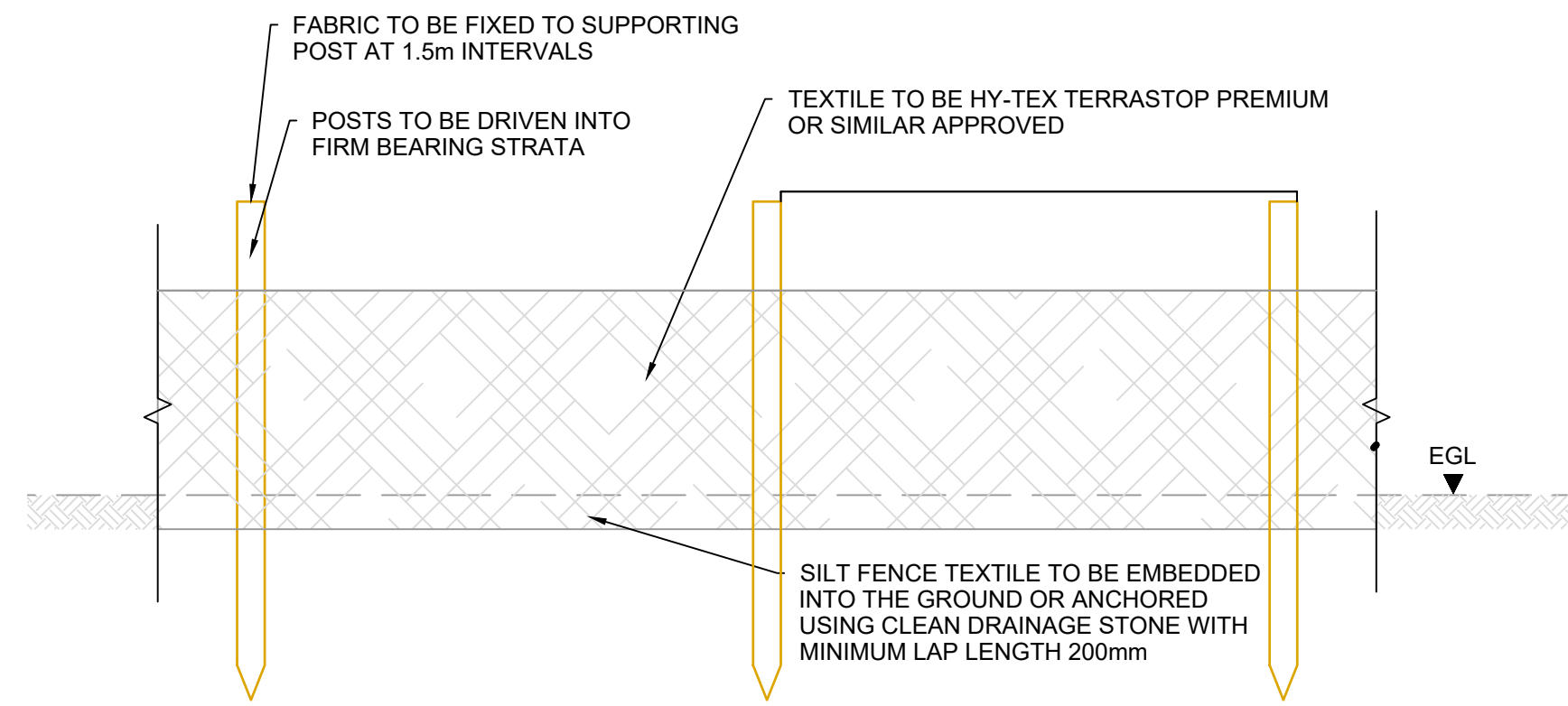
PROJECT TITLE	CORSELLACH ENERGY STORAGE	
DRAWING TITLE	TYPICAL DRAINAGE DETAILS	
RES DRAWING NUMBER	04876-RES-DRN-DR-PT-001	REV 1

THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LIMITED AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION

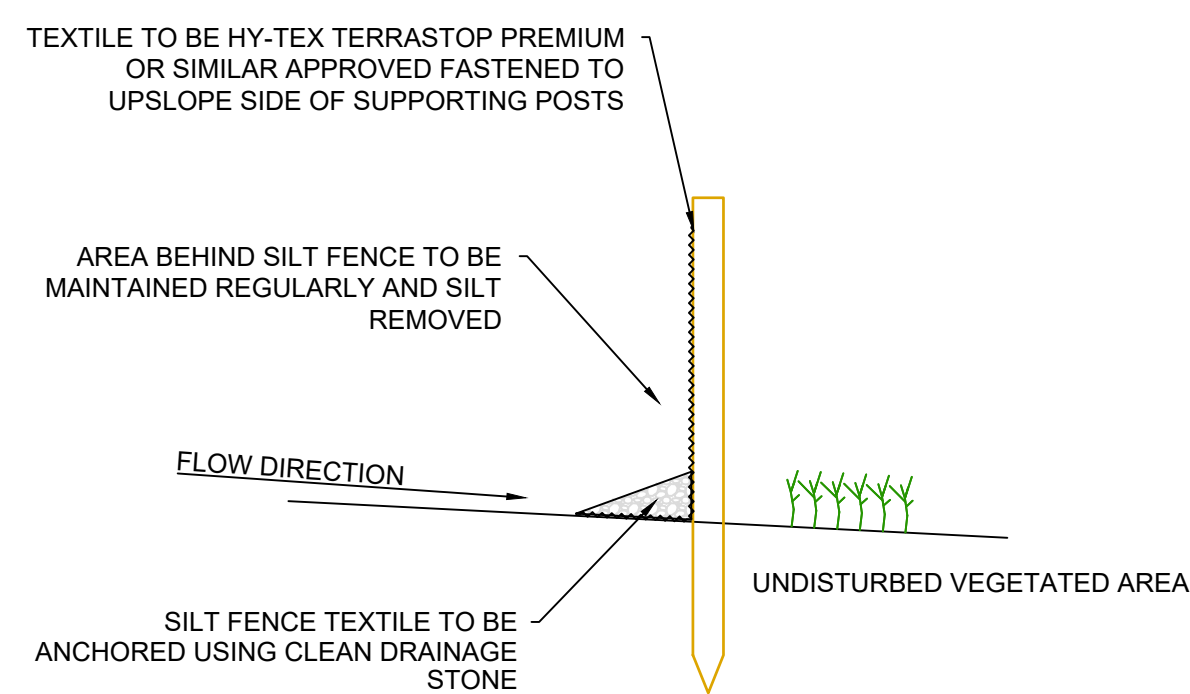
BEAUFORT COURT,
EGG FARM LANE,
KINGS LANGLEY,
HERTS WD4 8LR, UK
TEL: +44 (0) 1923 299200
WWW.RES-GROUP.COM



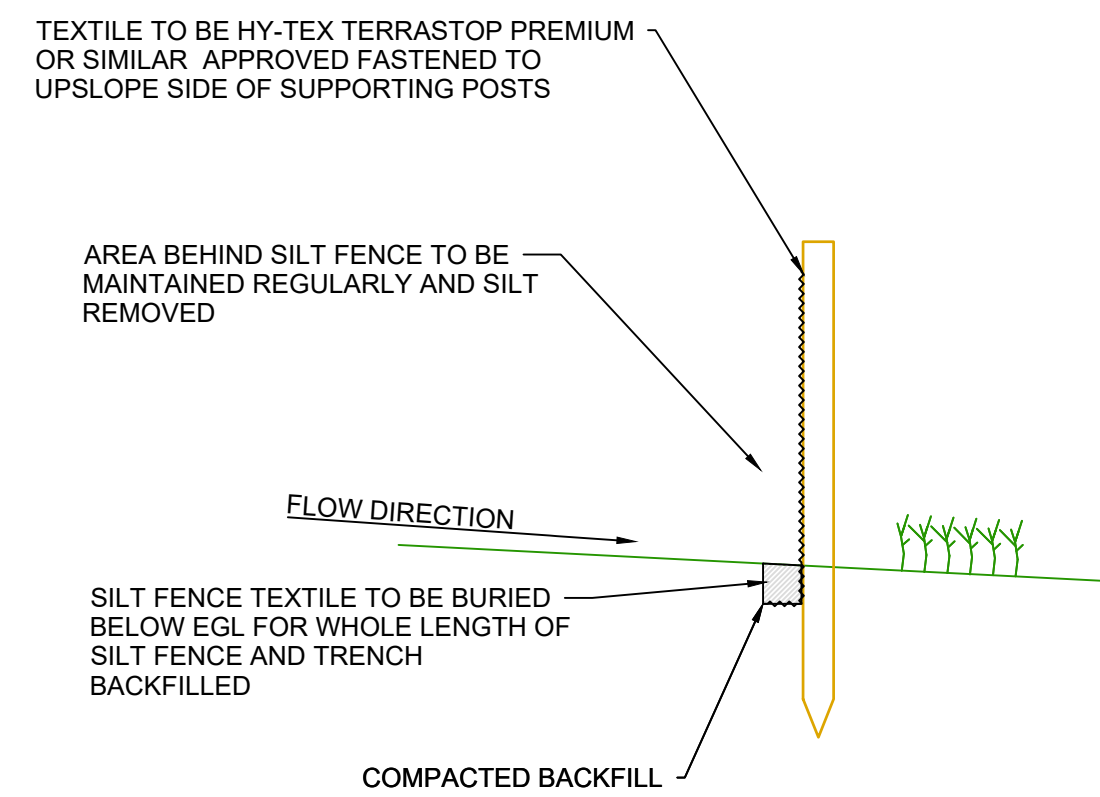
TYPICAL SILT FENCE BOTTOM OF SLOPE
SCALE - NTS



SILT FENCE TEXTILE DETAIL
SCALE 1:20



ANCHORED TYPE OPTION
SCALE 1:20



BURIED TYPE OPTION
SCALE 1:20

NOTES:

- DO NOT SCALE, ANY DISCREPANCIES SHALL BE HIGHLIGHTED TO THE DESIGNER FOR CONFIRMATION.
- SUDS SYSTEMS TO BE CONSTRUCTED PRIOR TO, OR AT THE SAME TIME AS THE ACCESS TRACK AND COMPOUND. INTERIM MEASURES SUCH AS THE PLACEMENT OF SILT FENCES TO BE USED AROUND WATERCOURSES AND RETAINED IN PLACE UNTIL SUDS ARE ESTABLISHED AND PROVIDING SUFFICIENT SILT REMOVAL.
- WHERE RESEEDING IS REQUIRED, NATIVE SPECIES SEED MIX SHALL BE USED BASED UPON THE SURROUNDING HABITAT. THE PLANTING SHALL BE CAPABLE OF RESISTING DROUGHT CONDITIONS.
- AREAS STRIPPED OF VEGETATION SHOULD BE KEPT TO A MINIMUM.
- SILT LEVELS AT DETENTION BASIN TO BE VISUALLY INSPECTED AS PART OF AN ONGOING MAINTENANCE PROGRAMME DURING THE CONSTRUCTION PHASE. WHERE CHECK DAMS BECOME CLOGGED WITH SILT OR VEGETATION, STONE CHECK DAM TO BE REMOVED AND DISPOSED OF APPROPRIATELY.
- SUDS DETAILS, DIMENSIONS AND LEVELS MAY BE MODIFIED DURING DETAILED DESIGN. CHANGES WILL ADHERE TO THE REQUIREMENTS AND PHILOSOPHY IN THE SURFACE WATER MANAGEMENT PLAN AND ADDENDUM.

SHEET 3 OF 3

ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
1	BM	WM	JM	2024-03-27	FIRST ISSUE
PURPOSE					COORDINATES
PLANNING					N/A
SCALE					DATUM
AS SHOWN @ A1					N/A
LAYOUT DWG					T.LAYOUT NO.
N/A					N/A

PROJECT TITLE
CORSHELLACH ENERGY STORAGE

DRAWING TITLE
TYPICAL DRAINAGE DETAILS

RES DRAWING NUMBER
04876-RES-DRN-DR-PT-001 REV **1**

THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LIMITED AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION

res
BEAUFORT COURT,
EGG FARM LANE,
KINGS LANGLEY,
HERTS WD4 8LR, UK
TEL: +44 (0) 1923 290000
WWW.RES-GROUP.COM