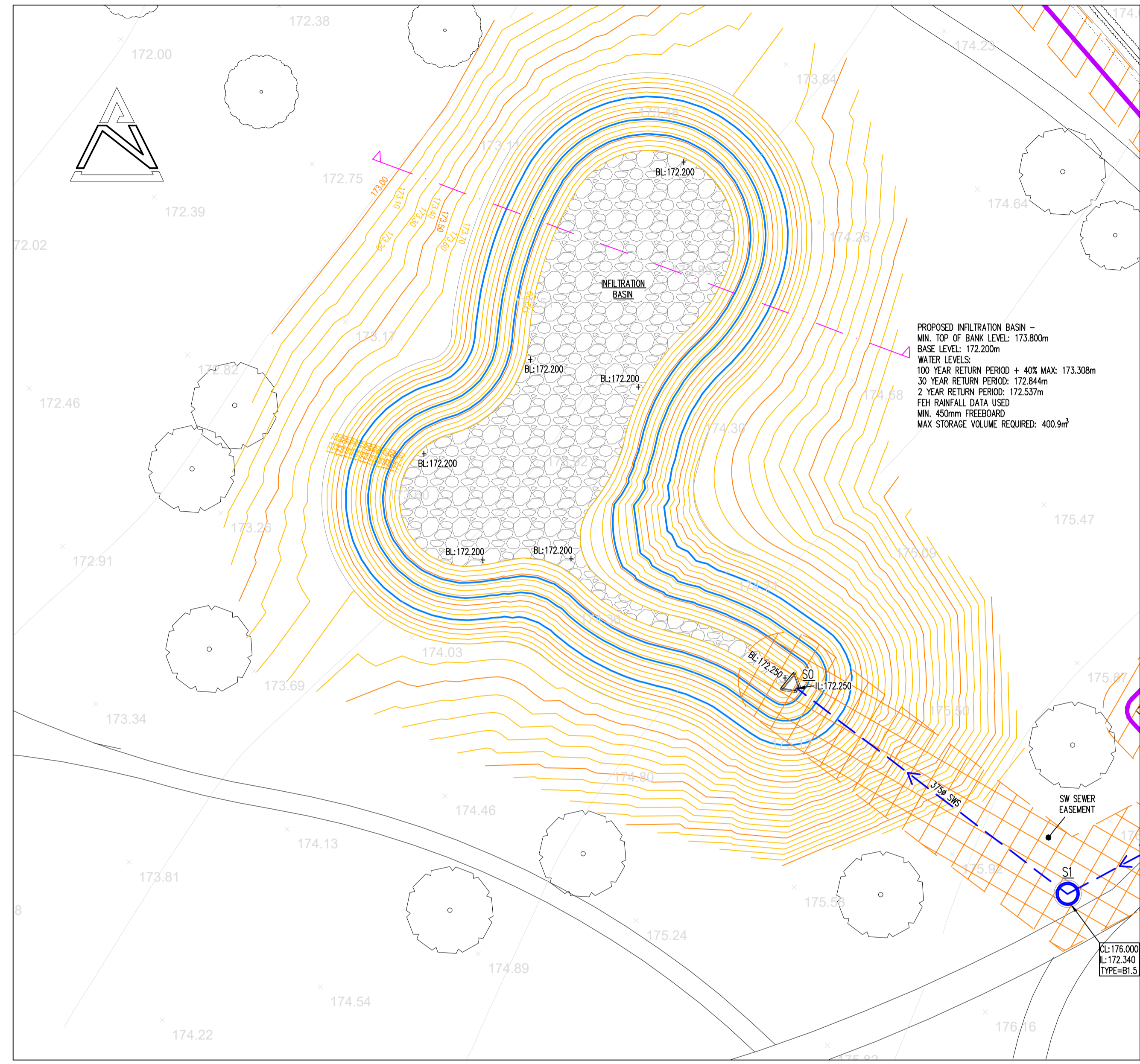
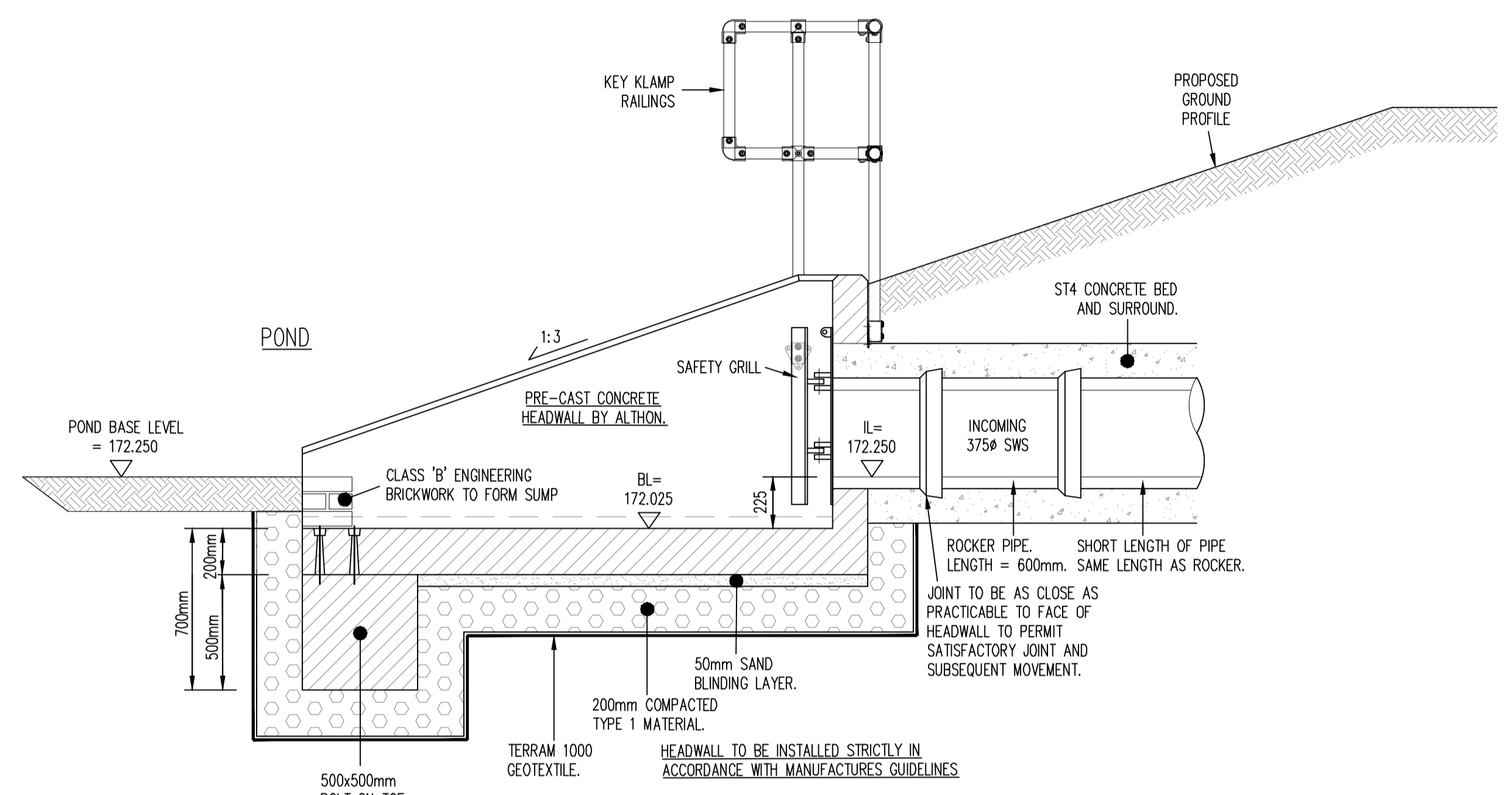


- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS. ANY DISCREPANCIES FOUND BETWEEN INFORMATION SHOWN ON THIS OR ANY OTHER DRAWING SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY AND PRIOR TO WORKS COMMENCING ON SITE.
- TYPE A GRANULAR BEDDING SHALL CONSIST OF 14mm SINGLE SIZED PEA SHINGLE TO TABLE 1 OF BS 882 PART 2 1973.
- WHERE CONCRETE BED AND SURROUND IS SPECIFIED JOINT FILLER SHOULD BE PROVIDED AT EVERY JOINT. THE FILLER MAY BE EXPANDED POLYSTYRENE 25mm THICK OR FLEXCELL CUT TO THE SHAPE OF THE BED AND SURROUNDED AND SUCH THAT THE INGRESS OF CONCRETE INTO THE PIPE IS PREVENTED.
- TO ALLOW FOR POSSIBLE DIFFERENTIAL MOVEMENT A FLEXIBLE JOINT MUST BE INCORPORATED IN EACH SECTION OF PIPELINE WITHIN 150mm OF WHERE IT ENTERS A BUILDING OR CONNECTS WITH A MANHOLE, WALL OR OTHER STRUCTURE - SEE MANUFACTURERS INSTRUCTIONS.
- ALL PIPEWORK GENERALLY TO BE BEDDED AS FOLLOWS:
  - (i) UNDER VEHICULAR AREAS WHERE COVER IS LESS THAN 1200mm UNDER PEDESTRIAN AREAS WHERE COVER IS LESS THAN 900mm } CONCRETE BED AND SURROUND.
  - (ii) UNDER VEHICULAR AREAS, PEDESTRIAN AREAS WHERE DEPTHS GIVEN IN (i) ARE EXCEEDED; } CLASS S BEDDING.
- ALL CONCRETE AT OR BELOW GROUND LEVEL ON SITE SHALL BE ABLE TO WITHSTAND SULPHATE CONCENTRATIONS IN ACCORDANCE WITH THE BRE SPECIAL DIGEST 1.
- MANHOLES COVERS AND FRAMES TO BS EN124, CLASSES ARE AS FOLLOWS:
  - CARRIAGEWAYS/PARKING AREAS - CLASS D400
  - FOOTWAYS/PEDESTRIAN AREAS - CLASS B125
  - AND REAR GARDENS
 WHERE THERE IS ANY DOUBT THE STRONGER CLASS SHOULD BE SELECTED.
- ALL ADAPTABLE DRAINAGE WORKS TO BE UNDERTAKEN STRICTLY IN ACCORDANCE WITH WATER AUTHORITIES REQUIREMENTS AND DESIGN AND CONSTRUCTION GUIDANCE FOR DESIGN OF FOUL AND SURFACE WATER SEWERS OFFERED FOR ADOPTION UNDER CODE FOR ADOPTION AGREEMENTS.
- ALL ADAPTABLE PIPEWORK SHALL BE RESISTANT TO A NETTING PRESSURE OF 4000PSI. REFER TO LONGITUDINAL SECTIONS FOR ACTUAL SIZES.
- PIPEWORK UP TO AND INCLUDING 300# SHALL BE VITRIFIED CLAY EXTRA STRENGTH. PIPEWORK OVER 300# SHALL BE CONCRETE CLASS 'H'.
- STREET FURNITURE SHOULD NOT BE PLACED DIRECTLY OVER WATER AUTHORITY APPARATUS.



PROPOSED INFILTRATION BASIN -  
 MIN. TOP OF BANK LEVEL: 173.800m  
 BASE LEVEL: 172.200m  
 WATER LEVELS:  
 100 YEAR RETURN PERIOD + 40% MAX: 173.308m  
 30 YEAR RETURN PERIOD: 172.844m  
 2 YEAR RETURN PERIOD: 172.537m  
 FEH RAINFALL DATA USED  
 MIN. 450mm FREEBOARD  
 MAX STORAGE VOLUME REQUIRED: 400.9m<sup>3</sup>



**Typical Pond PCC Headwall Section**  
 SCALE 1:20

ALL ADAPTABLE DRAINAGE WORKS SHALL BE UNDERTAKEN STRICTLY IN ACCORDANCE WITH 'SEWERAGE SECTOR GUIDANCE' AND ASSOCIATED 'DESIGN AND CONSTRUCTION GUIDANCE'.

T1	Apr 22	TENDER ISSUE.	AJV	-
REV	DATE	DESCRIPTION	BY	CHK

TENDER

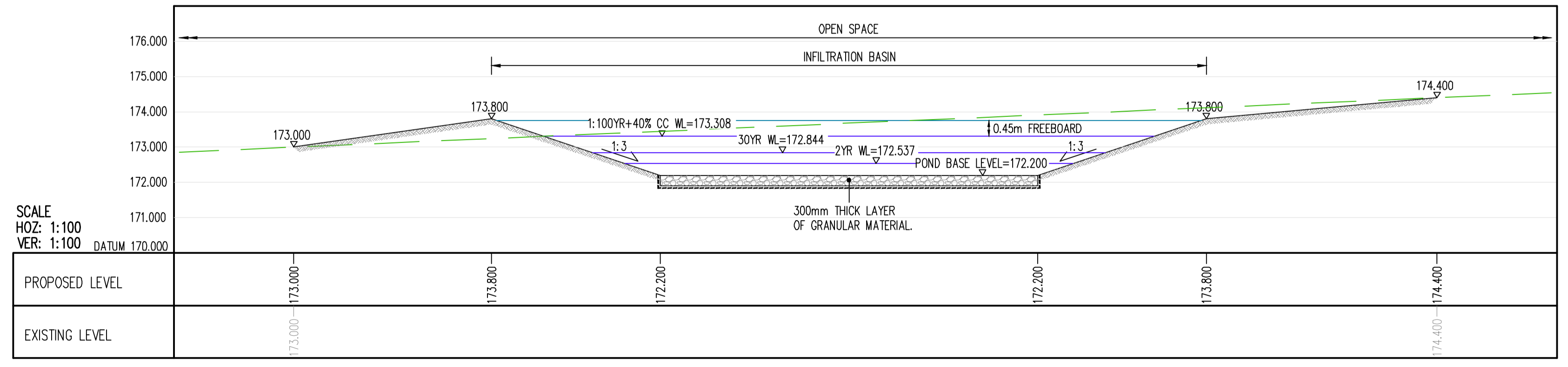
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SIBFORD FERRIS  
 BANBURY

Infiltration Basin Plan and Sections

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**CROSS SECTION**

SCALE  
 HOZ: 1:100  
 VER: 1:100  
 DATUM 170.000

PROPOSED LEVEL	173.000	173.800	172.200	172.200	173.800	174.400
EXISTING LEVEL	173.000	173.800	172.200	172.200	173.800	174.400

SCALE AT A1	DRAWN	DATE
See Drg	AJV	Apr 22
	CHECKED	PASSED

DRAWING NO.	REV.
E21-077-166	T1