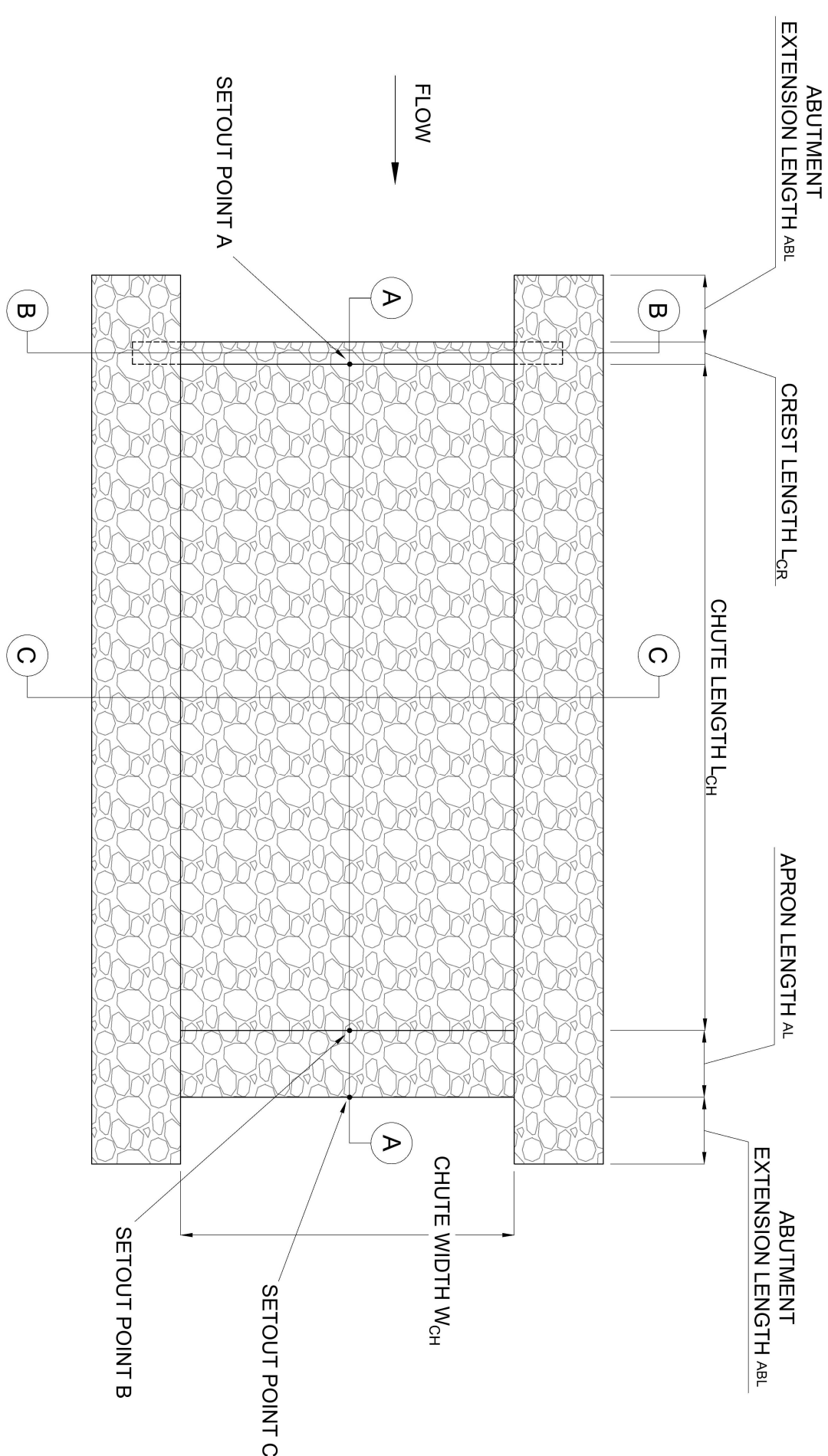
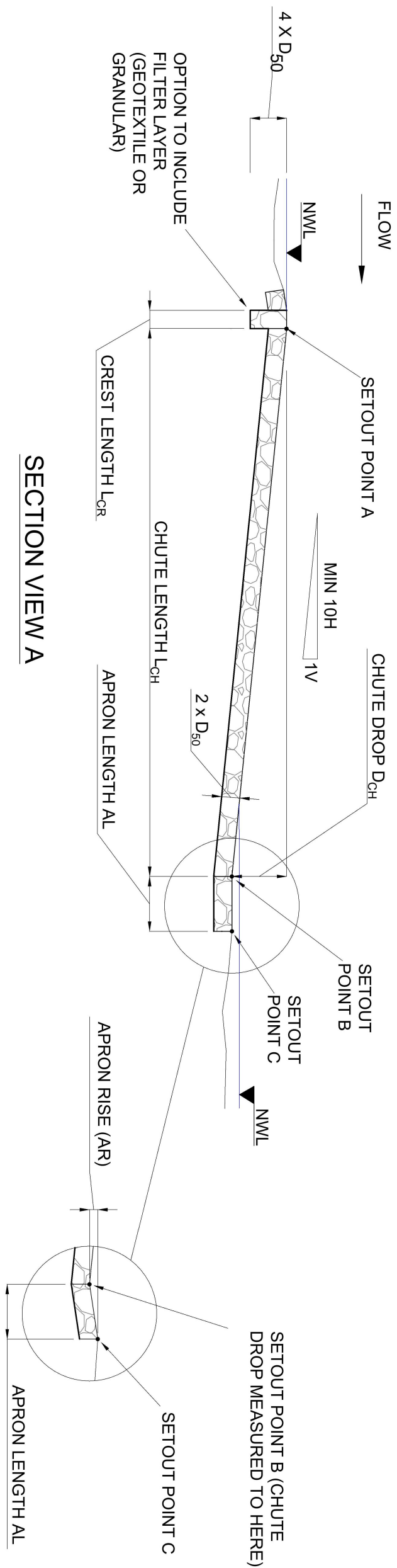
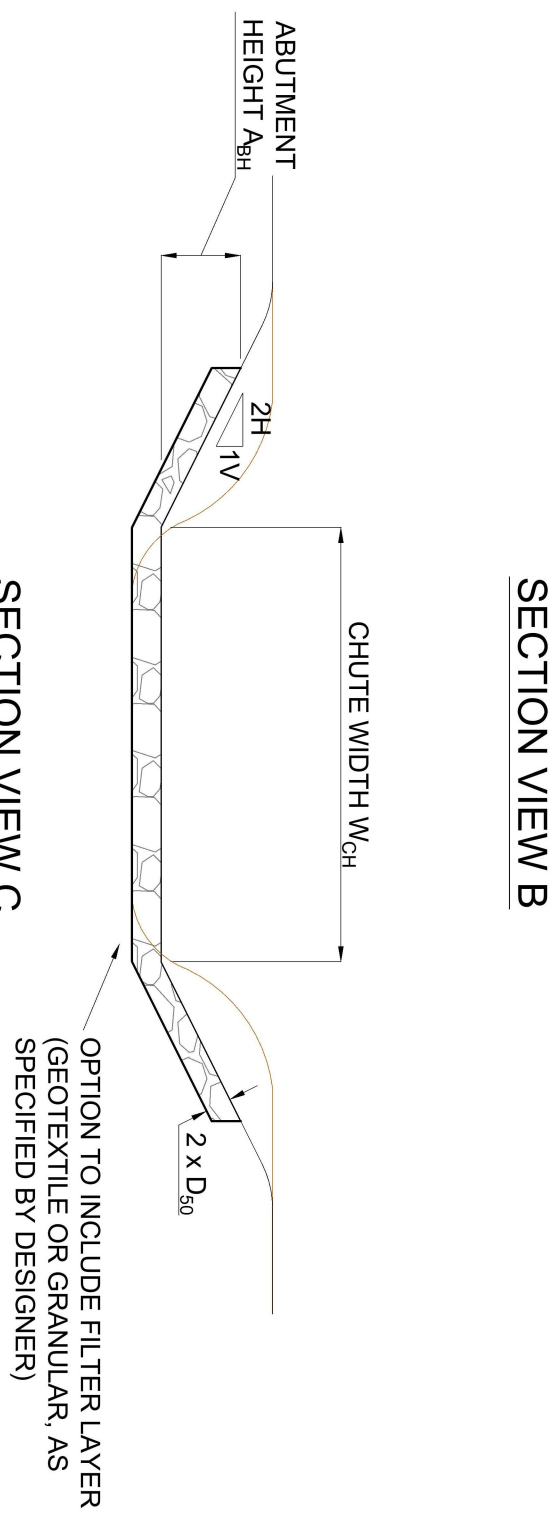
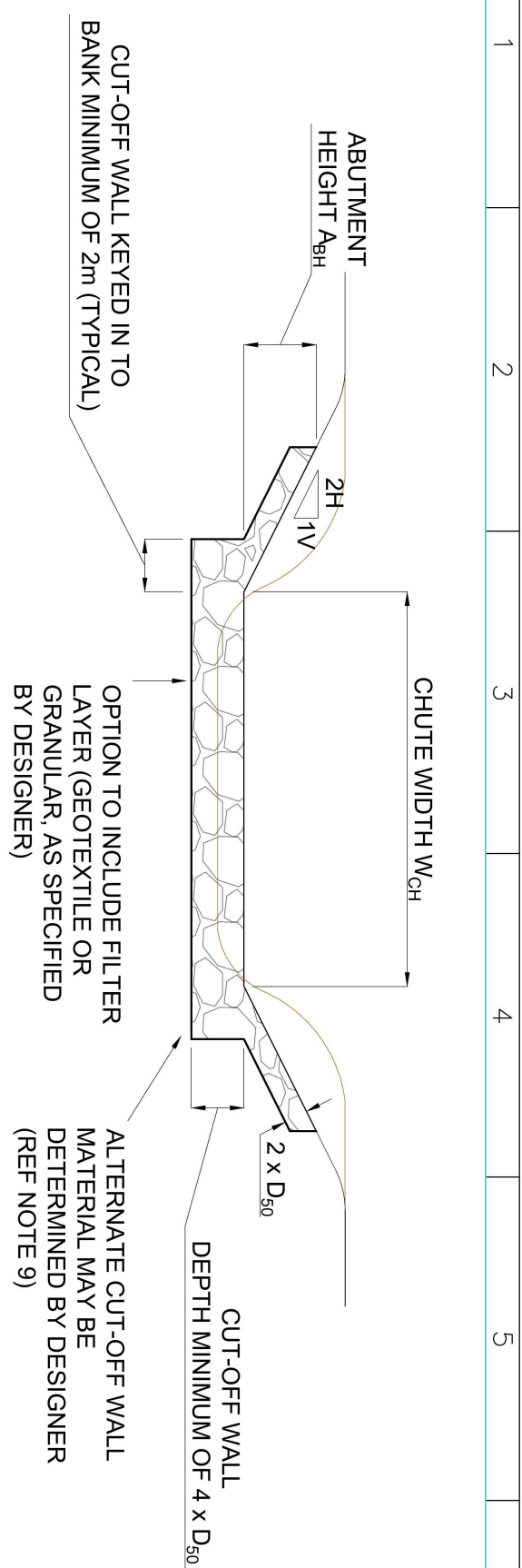




| SETOUT POINTS (MGA2020 GD4255) |         |          |              |
|--------------------------------|---------|----------|--------------|
|                                | EASTING | NORTHING | LEVEL m(AHD) |
| SETOUT POINT A                 |         |          |              |
| SETOUT POINT B                 |         |          |              |
| SETOUT POINT C                 |         |          |              |

| SITE SPECIFIC DESIGN INPUTS     |      |       |
|---------------------------------|------|-------|
| CHUTE PARAMETER                 | UNIT | VALUE |
| CHUTE LENGTH ( $L_{CH}$ )       | m    |       |
| CREST LENGTH ( $L_{CR}$ )       | m    |       |
| CHUTE WIDTH ( $W_{CH}$ )        | m    |       |
| CHUTE DROP ( $D_{CH}$ )         | m    |       |
| APRON LENGTH (AL)               | m    |       |
| APRON RISE (AR)                 | m    |       |
| $D_{50}$ OF ROCK                | mm   |       |
| ABUTMENT HEIGHT (ABH)           | m    |       |
| ABUTMENT EXTENSION LENGTH (ABL) | m    |       |

1. GRADED ROCK TO BE CLEAN, HARD, ANGULAR ROCK WITH SIZE VARIATION AS PER D<sub>50</sub> SPECIFICATION TABLE
2. ALL DIMENSIONS SHOWN ON DRAWING ARE TYPICAL VALUES AND SITE SPECIFIC DESIGN ANALYSIS MUST BE CONDUCTED TO DETERMINE APPROPRIATE DESIGN VALUES.
3. CHUTE SHOULD BE NO STEEPER THAN 10H:1V.
4. FILTER LAYER OF GRANULAR MATERIAL OR GEOTEXTILE MAY BE REQUIRED.
5. SURROUNDING AREAS TO BE REVEGETATED WITH NATIVE PLANT MIX.
6. INSTALLATION GUIDELINE TO BE REFERENCED FOR CONSTRUCTION TECHNIQUES.
7. SITE SPECIFIC DESIGN SHOULD CONSIDER REQUIREMENTS FOR PROVISION OF FISH PASSAGE.
8. SITE SPECIFIC HYDRAULICS MAY REQUIRE AN APRON RISE.
9. WHEN DESIGNING A GRADE CONTROL STRUCTURE WITHIN A CONSTRUCTED WETLAND REFER TO DRAWING 725/1/2003 FOR CUT-OFF WALL MATERIAL.

| D <sub>50</sub> GRADED ROCK SPECIFICATION |                       |
|-------------------------------------------|-----------------------|
| EQUIVALENT SIZE                           | % SMALLER (BY WEIGHT) |
| 2 x D <sub>50</sub>                       | 100 %                 |
| D <sub>50</sub>                           | 50 %                  |
| 0.3 x D <sub>50</sub>                     | 10 %                  |

**LEGEND**

PRE-WORKS SURFACE

POST WORKS SURFACE

GEOTEXTILE LINING (OPT)

D<sub>50</sub> GRADED ROCK



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**FOR INFORMATION**  
NOT FOR CONSTRUCTION

|  |  |  |  |  |  |  |  |  |  |                                          |  |
|--|--|--|--|--|--|--|--|--|--|------------------------------------------|--|
|  |  |  |  |  |  |  |  |  |  | TITLE                                    |  |
|  |  |  |  |  |  |  |  |  |  | GRADE CONTROL STRUCTURE STANDARD DRAWING |  |
|  |  |  |  |  |  |  |  |  |  | (NOT FOR CONSTRUCTION)                   |  |
|  |  |  |  |  |  |  |  |  |  | SHEET 1 OF 1                             |  |
|  |  |  |  |  |  |  |  |  |  | Original                                 |  |
|  |  |  |  |  |  |  |  |  |  | PROJECT DATUM                            |  |
|  |  |  |  |  |  |  |  |  |  | SCALE                                    |  |
|  |  |  |  |  |  |  |  |  |  | NOT TO SCALE                             |  |
|  |  |  |  |  |  |  |  |  |  | A1                                       |  |
|  |  |  |  |  |  |  |  |  |  | CODE                                     |  |
|  |  |  |  |  |  |  |  |  |  | MNC DRAWING NUMBER                       |  |
|  |  |  |  |  |  |  |  |  |  | 725/108/104                              |  |
|  |  |  |  |  |  |  |  |  |  | MELBOURNE WATER CORPORATION              |  |
|  |  |  |  |  |  |  |  |  |  | C                                        |  |
|  |  |  |  |  |  |  |  |  |  | REV                                      |  |
|  |  |  |  |  |  |  |  |  |  | 1                                        |  |
|  |  |  |  |  |  |  |  |  |  | 2                                        |  |
|  |  |  |  |  |  |  |  |  |  | 3                                        |  |
|  |  |  |  |  |  |  |  |  |  | 4                                        |  |
|  |  |  |  |  |  |  |  |  |  | 5                                        |  |
|  |  |  |  |  |  |  |  |  |  | 6                                        |  |
|  |  |  |  |  |  |  |  |  |  | 7                                        |  |
|  |  |  |  |  |  |  |  |  |  | 8                                        |  |
|  |  |  |  |  |  |  |  |  |  | 9                                        |  |
|  |  |  |  |  |  |  |  |  |  | 10                                       |  |
|  |  |  |  |  |  |  |  |  |  | 11                                       |  |
|  |  |  |  |  |  |  |  |  |  | 12                                       |  |