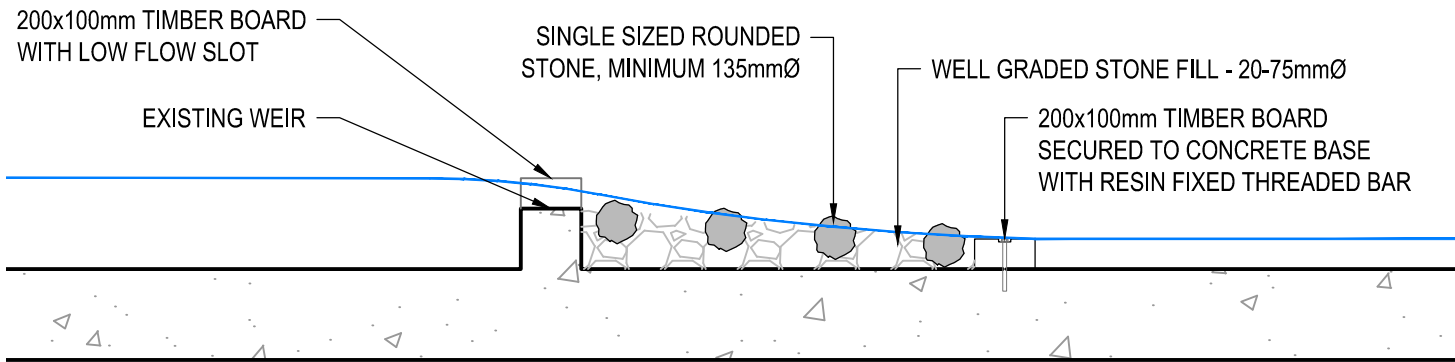
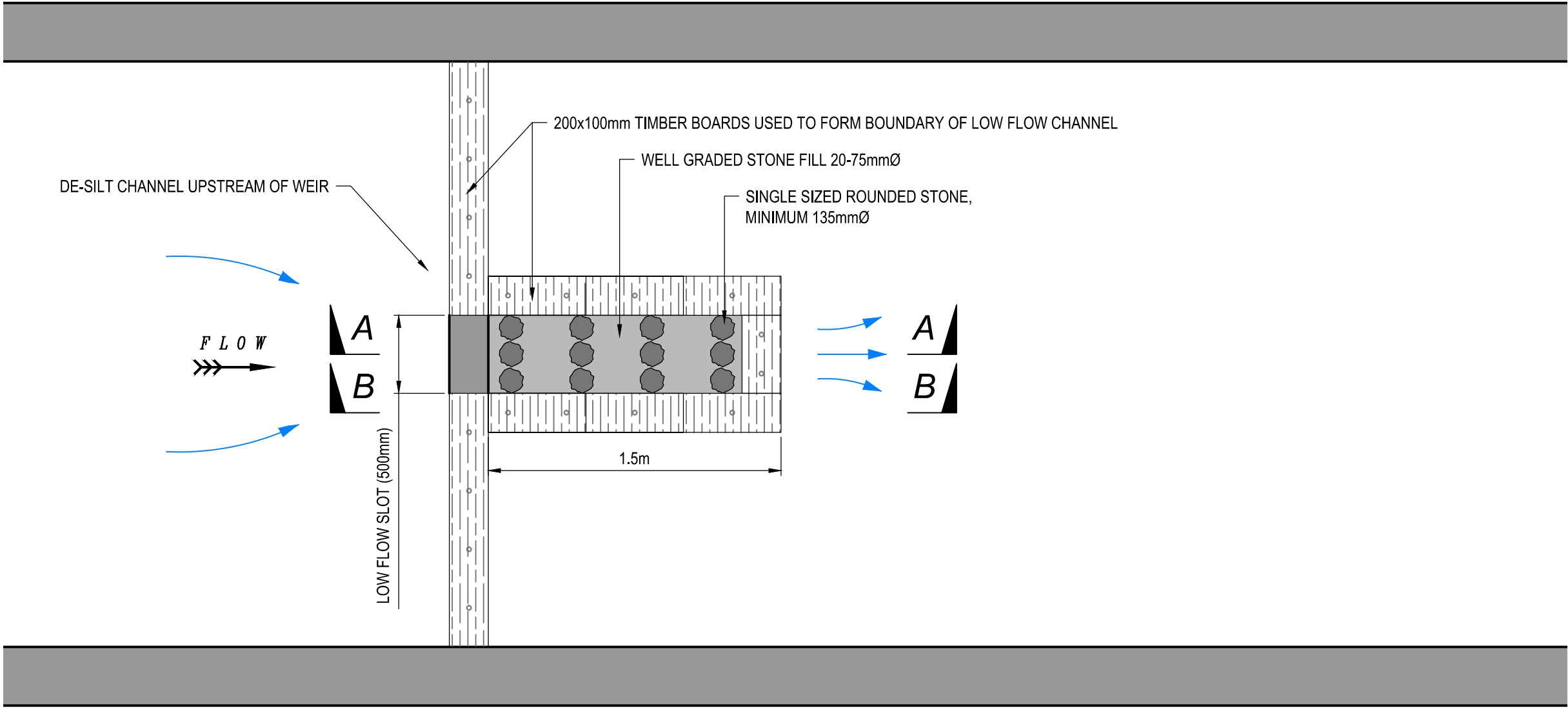


NOTES:

- ALL LEVELS ARE IN METRES AND RELATIVE TO ORDNANCE DATUM (NEWLYN).
- TOPOGRAPHIC SURVEY TAKEN FROM ROYAL HASKONING DRAWING PB2348-SK-03 DATED NOVEMBER 2014.
- TREE SURVEY TAKEN FROM ATKINS DRAWING DHFSI-ATK-TP30-XX-DR-L-0101 DATED JANUARY 2014.
- TO BE READ IN CONJUNCTION WITH ALL OTHER RELATED PBA DRAWINGS, DRAWING NUMBERS 30142/4001/100-110.
- LOCALLY SOURCED WELL GRADED ANGULAR GRAVEL, 20-75mmØ TO FORM BED OF CHANNEL. PLACEMENT OF STONE TO AVOID COMPACTION - SEE PBA DRAWING No. 30142/4001/110 FOR SPECIFICATION.
- ALL TIMBER BOARDS TO BE ACCOYA (OR SIMILAR APPROVED) WITH CLASS 1 DURABILITY IN ACCORDANCE WITH BS EN 350-1.
- TIMBER BOARDS TO BE SECURED TO CONCRETE BASE AND WEIR WITH RESIN FIXED THREADED BAR. ALL FIXING DETAILS TO BE SPECIFIED BY ROYAL HASKONING DHV.

| SHE BOX                                                                                   |                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CONSTRUCTION                                                                              |                                                                                                                                                                                                                         |
| HAZARD                                                                                    | MITIGATION                                                                                                                                                                                                              |
| 1. DE-STABILISATION OF A3 EMBANKMENT                                                      | MINIMUM 1.5m BUFFER TO BE PROVIDED BETWEEN BOTTOM OF EXISTING A3 EMBANKMENT AND ANY NEW EXCAVATION<br>NO VEHICLE TRACKING ON THE A3 EMBANKMENT                                                                          |
| 2. DE-STABILISATION OF FLEX MSE                                                           | MAXIMUM SURCHARGE LOAD ABOVE FLEX MSE EMBANKMENTS NEVER TO EXCEED 5kN/m <sup>2</sup> . 0.5m VEHICLE TRACKING BUFFER FROM EDGE OF EMBANKMENT TO BE MAINTAINED AT ALL TIMES.                                              |
| 3. DAMAGE TO EXISTING 1025mm FOUL SEWER                                                   | CONTRACTOR TO LOCATE EXISTING FOUL SEWER PRIOR TO EXCAVATION. IF ALIGNMENT OR DEPTH IS DIFFERENT TO THAT SHOWN ON DRAWINGS THEN CONTRACTOR SHOULD NOTIFY ENGINEER BEFORE PROCEEDING                                     |
| MAINTENANCE / CLEANING / OPERATION                                                        |                                                                                                                                                                                                                         |
| 1. WORKING AT HEIGHT                                                                      | CONTRACTOR TO ENSURE SAFE METHOD OF WORKING FOR ALL MAINTENANCE TASKS.                                                                                                                                                  |
| 2. MAINTENANCE OF CHANNEL AT BED LEVEL, WITHIN WATERCOURSE                                | CONTRACTOR'S SAFE METHOD OF WORKING TO CONSIDER (BUT NOT LIMITED TO): <ul style="list-style-type: none"><li>SAFE ACCESS;</li><li>WEATHER AND STREAM FLOW CONDITIONS;</li><li>COLLECTION OF VEGETATION DEBRIS.</li></ul> |
| 3. CHANNEL BECOMING OVERGROWN, INCREASING FLOOD RISK DUE TO REDUCED CONVEYANCE            | MAINTENANCE SCHEDULE TO BE ADHERED TO.                                                                                                                                                                                  |
| 4. HIGH BANKS ABOVE WATERCOURSE                                                           | FENCING TO PROVIDE BARRIER TO WATERCOURSE WITH ACCESS POINTS PROVIDED FOR MAINTENANCE ACCESS.                                                                                                                           |
| 5. DAMAGE TO GEOTEXTILE BEHIND FLEX MSE                                                   | CONTRACTOR TO ENSURE ANY FUTURE EXCAVATION DOES NOT DAMAGE GEOTEXTILE ANCHORS FOR FLEX MSE.                                                                                                                             |
| 6. DAMAGE TO FLEX MSE                                                                     | VEGETATION STRIMMING TO AVOID DAMAGE TO GEOTEXTILE BAGS.                                                                                                                                                                |
| DEMOLITION / DECOMMISSIONING                                                              |                                                                                                                                                                                                                         |
| 1. EMBANKMENTS BECOMING UNSTABLE DUE TO OVER EXCAVATION OF TOE (A3 EMBANKMENT, FLEX MSE). | 1.5m BUFFER TO BE MAINTAINED AS A MINIMUM FROM TOE OF A3 EMBANKMENT.                                                                                                                                                    |
| 2. AS CONSTRUCTION HAZARD 3                                                               |                                                                                                                                                                                                                         |
| 3. AS MAINTENANCE HAZARD 5                                                                |                                                                                                                                                                                                                         |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |                                                                                                                                        |          |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------|------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                              |                                                                                                                                        |          |      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ROCK RAMP AND RIFFLE AND POOL DESIGN UPDATED | smr                                                                                                                                    | 10.07.15 | NKA  |
| Mark                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Revision                                     | Drawn                                                                                                                                  | Date     | Chkd |
| SCALING NOTE: Do not scale from this drawing. If in doubt, ask.<br>UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake his own investigation where the presence of any existing sewers, services, plant or apparatus may affect his operations. |                                              |                                                                                                                                        |          |      |
| Drawing Issue Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                              |                                                                                                                                        |          |      |
| FOR APPROVAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                              |                                                                                                                                        |          |      |
| DUNSBURY HILL FARM, HAVANT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                              |                                                                                                                                        |          |      |
| PROPOSED CHANNEL REALIGNMENT<br>IN-CHANNEL IMPROVEMENTS SHEET 2 OF 2                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                              |                                                                                                                                        |          |      |
| Client<br>PORTSMOUTH CITY COUNCIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                              | <br>Offices throughout the UK and Europe<br><b>www.peterbrett.com</b><br>© Peter Brett Associates LLP<br>READING<br>Tel: 0118 950 0761 |          |      |
| Date of 1st Issue<br>09.06.2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Drawn by<br>smr                              |                                                                                                                                        |          |      |
| A2 Scale<br>AS SHOWN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Checked by<br>NKA                            |                                                                                                                                        |          |      |
| Drawing Number<br>30142/4001/106                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Revision<br>A                                |                                                                                                                                        |          |      |