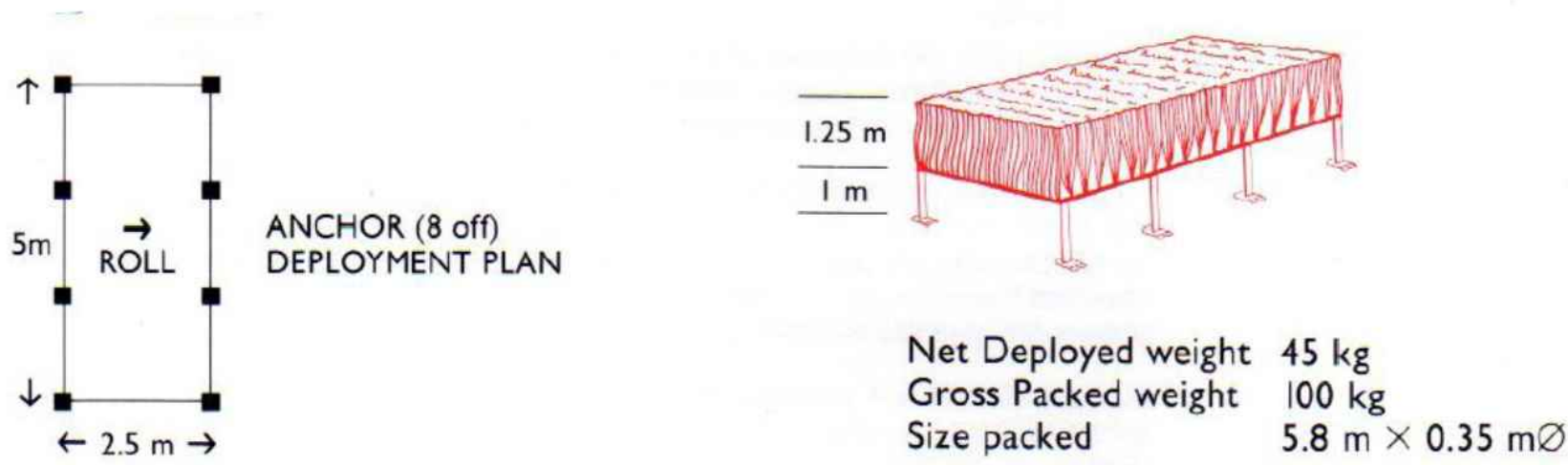
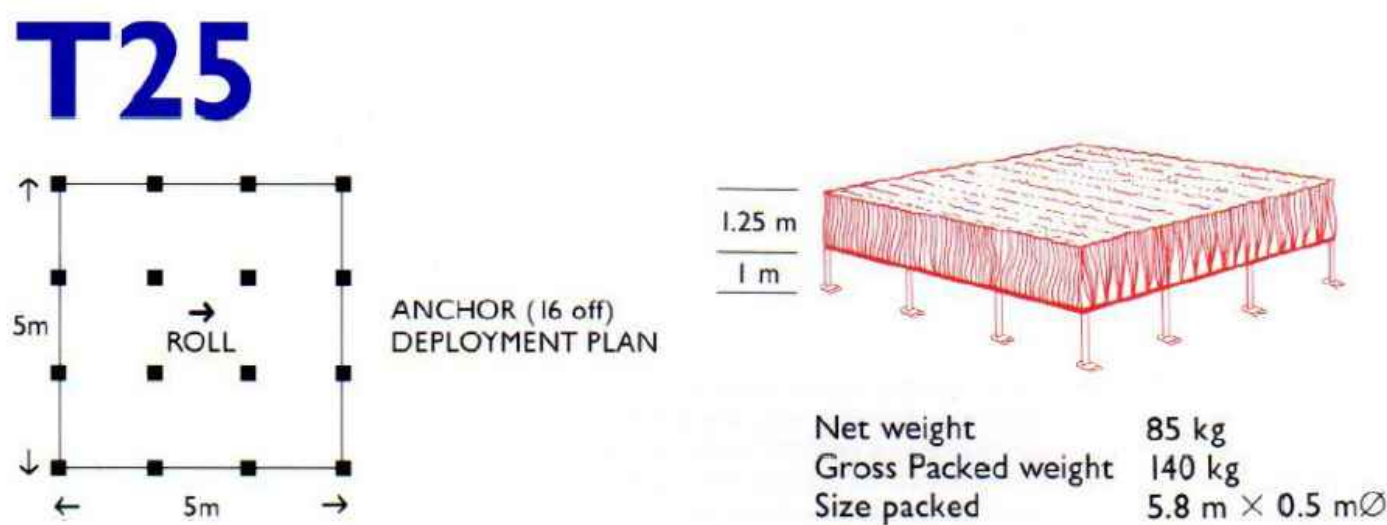




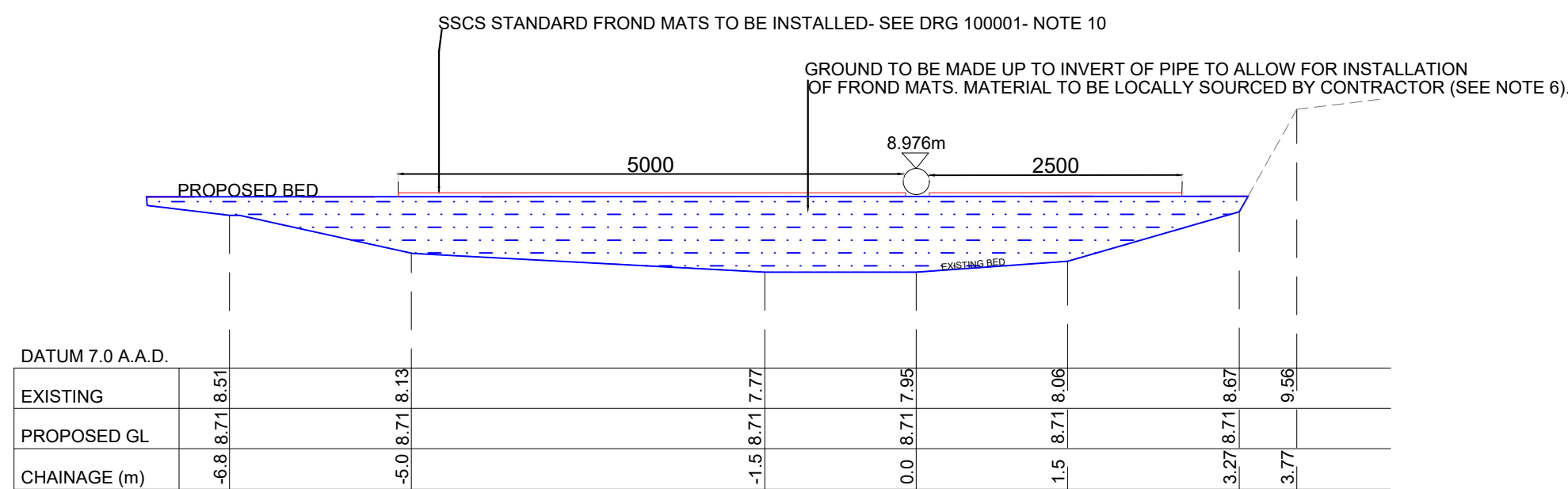
SSCS FROND MATS INSTALLATION T12 ANCHOR DEPLOYMENT PLAN (SEE NOTE 9)



SSCS FROND MATS INSTALLATION T2 ANCHOR DEPLOYMENT PLAN (SEE NOTE 10)

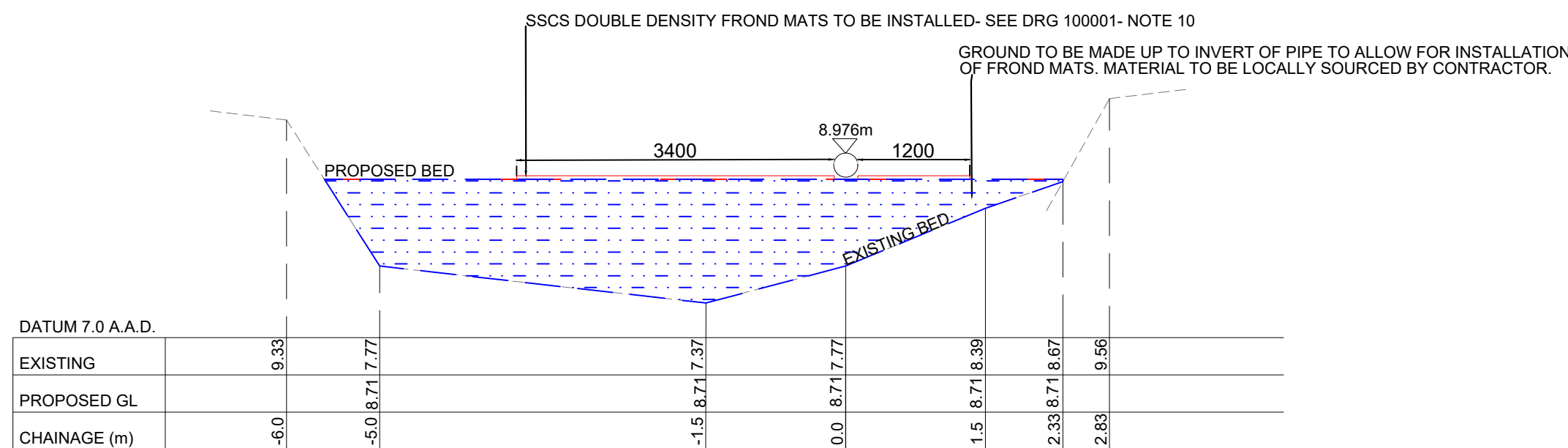


PHOTOGRAPHIC EXAMPLE OF FROND MATS



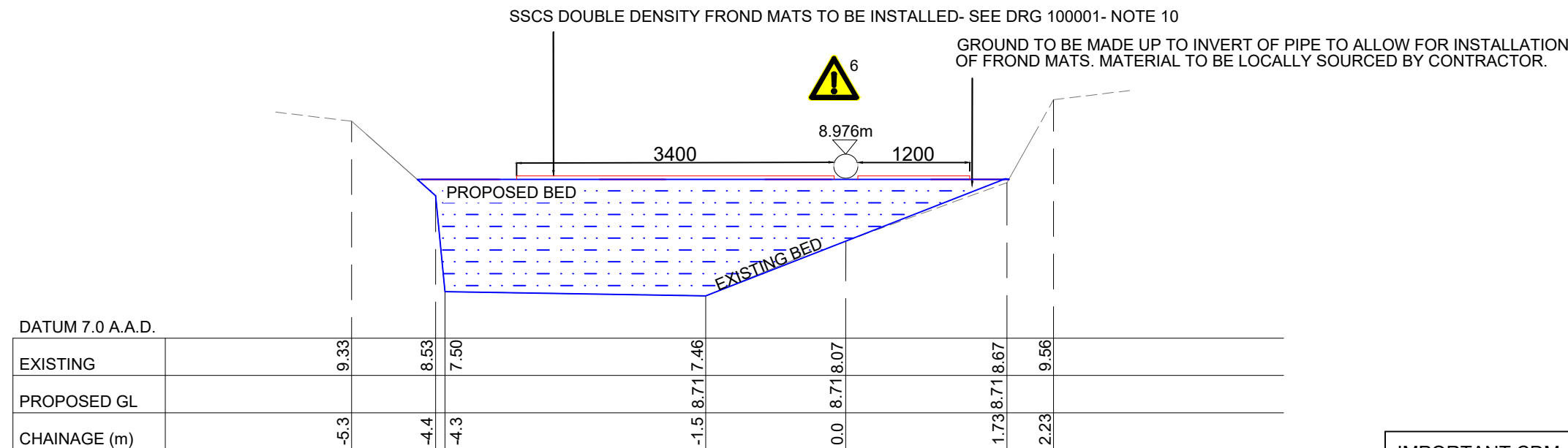
CROSS-SECTION AT 6m

SCALE 1:50



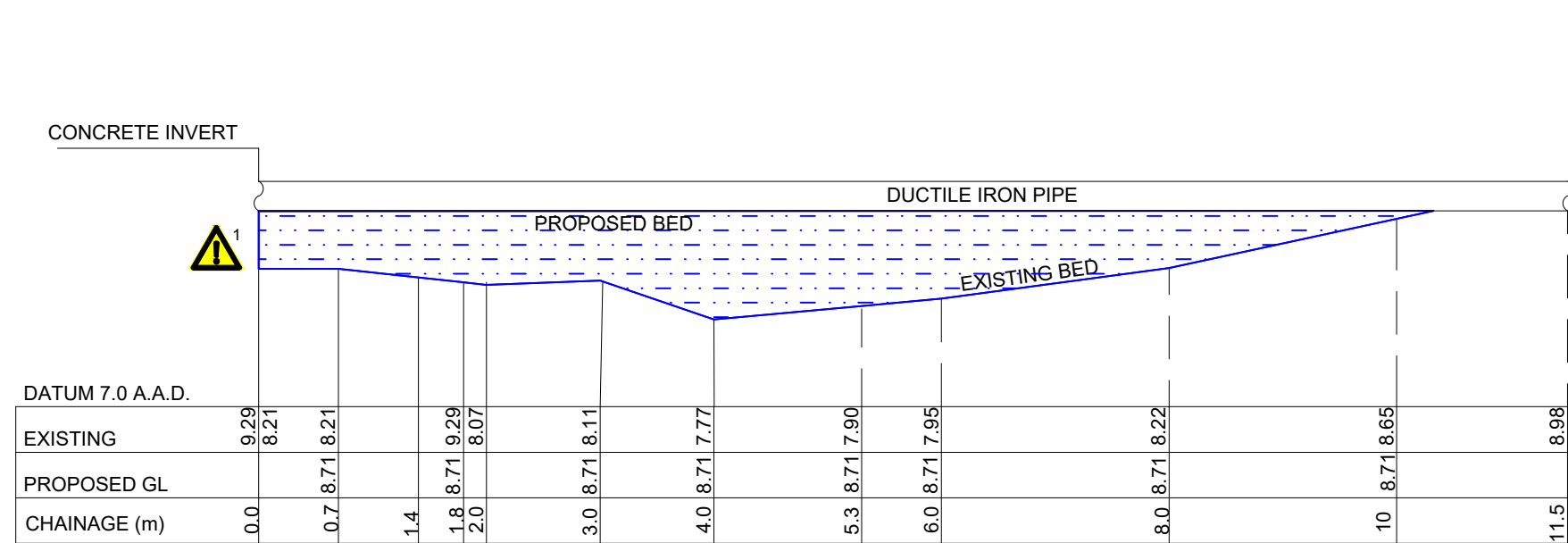
CROSS-SECTION AT 4m

SCALE 1:50



CROSS-SECTION AT 2m

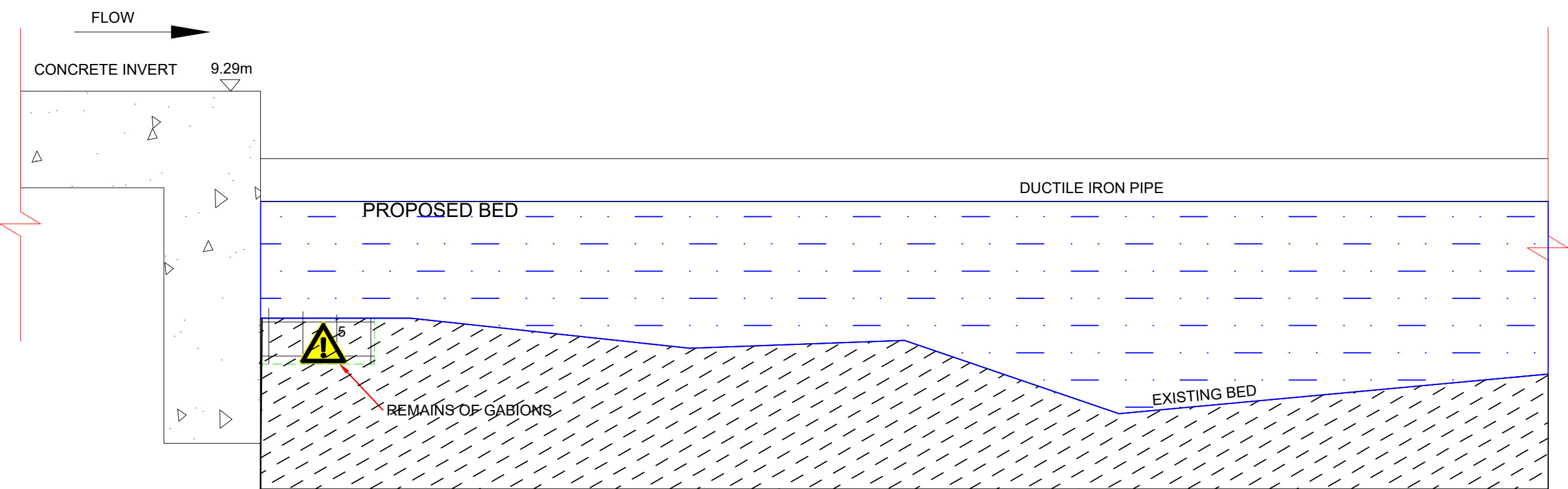
SCALE 1:50



LONG SECTION

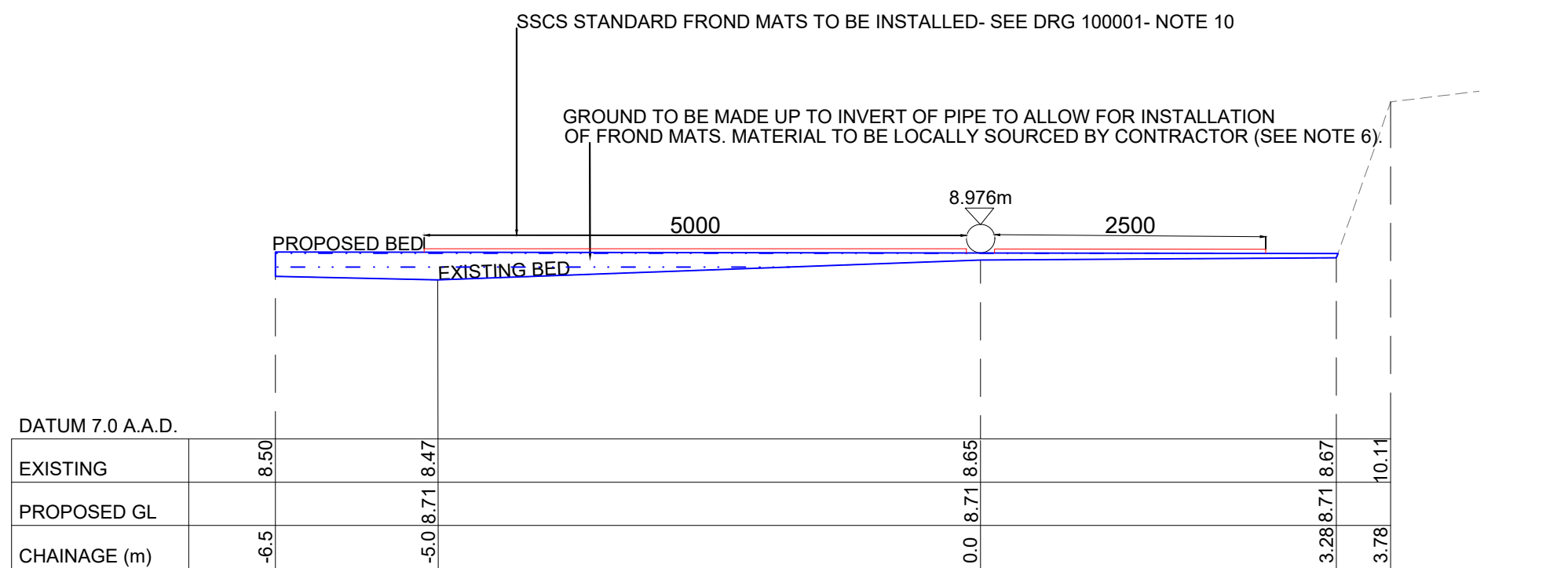
SCALE 1:50

|                                                                                                                                                                                                                    |                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| IMPORTANT CDM / H&S NOTE<br>THE DESIGNERS WOULD DRAW THE READERS ATTENTION TO THE KEY RESIDUAL HEALTH AND SAFETY RISKS THAT HAVE NOT BEEN ELIMINATED FROM THE DESIGNS SHOWN ON THIS DRAWING BY THE DESIGN PROCESS. |                                                                                                        |
| DRA REF: 1                                                                                                                                                                                                         | WORKING ALONGSIDE A TIDAL ESTUARY.                                                                     |
| 5                                                                                                                                                                                                                  | REMAINS OF GABIONS MAY CONTAIN LOOSE WIRE OR CORRODED PINS UNSEEN IN TURBID WATER. RISK OF IMPALEMENT. |
| 6                                                                                                                                                                                                                  | CAST IRON COMBINED SEWAGE PIPE MAY BE BRITTLE IF STRUCK CAUSING SEWAGE SPILLAGE.                       |



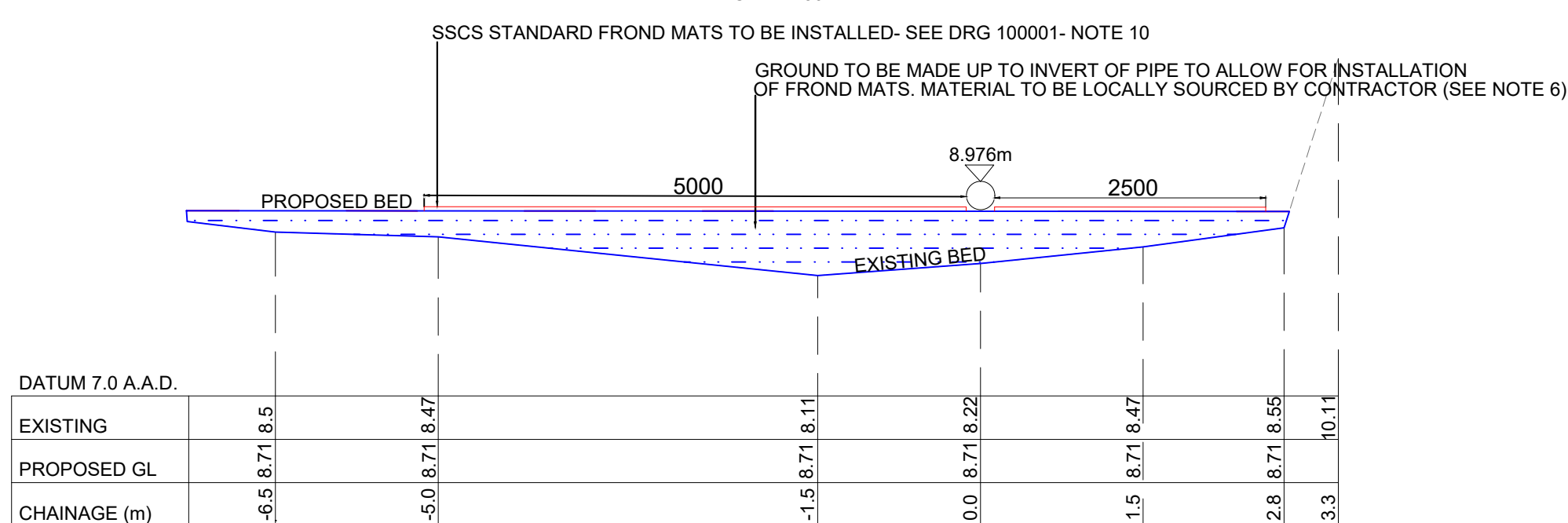
DETAIL

SCALE 1:20



CROSS-SECTION AT 10m

SCALE 1:50



CROSS-SECTION AT 8m

SCALE 1:50

- LEGEND/NOTES
- ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS IN METRES, UNLESS NOTED OTHERWISE
  - DO NOT SCALE FOR THIS DRAWING. ALL DIMENSIONS ARE APPROXIMATE.
  - THE DATUM USED IS A STATION AT 10.000m ABOVE ASSUMED DATUM (AAD).
  - THE CONTRACTOR IS TO VISIT SITE, CHECK ALL DIMENSIONS AND REPORT BACK ANY ANOMALIES BEFORE ANY COMMERCIAL COMMITMENTS ARE MADE.
  - THE BED LEVEL IS TO BE REINSTATED TO THE BOTTOM OF PIPE LEVEL. BED MATERIAL USED TO REINSTATE BED LEVEL TO INVERT OF PIPE TO BE SOURCED LOCALLY BY CONTRACTOR. NATIONAL RESOURCES WALES SHOULD BE CONSULTED THROUGHOUT.
  - THE CONTRACTOR IS TO ENSURE THAT WATER FLOW IS MAINTAINED AT ALL TIMES. THE CONTRACTOR IS TO MONITOR RAINFALL FORECASTS AND TO REMOVE TEMPORARY FORM THE SITE WHEN FLOODING IS EXPECTED.
  - THE CONTRACTOR WILL LIAISE WITH WELSH WATER FOR THE TREATMENT AND PROTECTION OF THE CI SEWAGE PIPE. MACHINERY USED WHEN INCREASING FORMATION LEVEL AND INSTALLING FROND MATS MUST AVOID TRACKING OVER OR IN CLOSE PROXIMITY TO BRITTLE WELSH WATER PIPE.
  - THE WORK SITE IS TIDAL.
  - THE FROND MATS SIZED 1.2X5M AND 2.5X5M WILL USE THE T12 ARRANGEMENT- (8 ANCHORS TOTAL)
  - THE 5X6M FROND MATT WILL THE T25 ARRANGEMENT- (16 ANCHORS TOTAL)
  - THE 3.4X5M FROND MATT WILL USE A BESPOKE ARRANGEMENT OF 3 ROWS OF 4 ANCHORS EACH- (12 ANCHORS TOTAL)

LINK TO SSCS FOND MATS WEBSITE:



|                                                                                                                                                                                                                                                                            |           |                          |                  |           |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------------|------------------|-----------|----------|
| B01                                                                                                                                                                                                                                                                        | NOV 21    | FIRST ISSUE              | JH               | IF        | IF       |
| REV                                                                                                                                                                                                                                                                        | DATE      | DESCRIPTION OF REVISIONS | DRAWN            | CHKD      | APPR'D   |
| SAFETY HEALTH AND ENVIRONMENTAL INFORMATION                                                                                                                                                                                                                                |           |                          |                  |           |          |
| THE HAZARDS AND RISKS ASSOCIATED WITH THE WORKS SHOWN ON THIS DRAWING AND DESCRIBED IN THE SCHEDULE OF WORKS ARE CONSIDERED TO BE WITHIN THE REASONABLE, NORMAL AND ACCEPTABLE LIMITS FOR GENERAL BUILDING AND MAINTENANCE WORKS. PLEASE REFER TO DESIGNER RISK ASSESSMENT |           |                          |                  |           |          |
| DOCUMENT REF:                                                                                                                                                                                                                                                              |           |                          |                  |           |          |
| STATUS                                                                                                                                                                                                                                                                     |           |                          | SUITABILITY CODE |           |          |
| DETAILED DESIGN                                                                                                                                                                                                                                                            |           |                          | S3               |           |          |
| CLIENT                                                                                                                                                                                                                                                                     |           |                          |                  |           |          |
| <div>NetworkRail</div>                                                                                                                                                                                                                                                     |           |                          |                  |           |          |
| DESIGNER                                                                                                                                                                                                                                                                   |           |                          |                  |           |          |
| <div>DESIGN DELIVERY   NetworkRail</div>                                                                                                                                                                                                                                   |           |                          |                  |           |          |
| DETAILED DESIGN                                                                                                                                                                                                                                                            |           |                          |                  |           |          |
| PROJECT :                                                                                                                                                                                                                                                                  |           |                          |                  |           |          |
| LJT1 St No.2<br>MILL RIVER<br>SCOUR MITIGATION                                                                                                                                                                                                                             |           |                          |                  |           |          |
| DRAWING TITLE :                                                                                                                                                                                                                                                            |           |                          |                  |           |          |
| CROSS-SECTIONS & DETAIL                                                                                                                                                                                                                                                    |           |                          |                  |           |          |
| DESIGNED                                                                                                                                                                                                                                                                   | J.HOWELLS |                          | SIGNED           | J Howells |          |
| DRAWN                                                                                                                                                                                                                                                                      | J.HOWELLS |                          | SIGNED           | J Howells |          |
| CHECKED                                                                                                                                                                                                                                                                    | I.FOX     |                          | SIGNED           | I Fox     |          |
| APPROVED                                                                                                                                                                                                                                                                   | I.FOX     |                          | SIGNED           | I Fox     |          |
| SCALE (B1 A1 SHEET SIZE - B11 X 594)                                                                                                                                                                                                                                       |           | ELR                      | MILEAGE          |           |          |
| 1:50 / 1:20                                                                                                                                                                                                                                                                |           | LJT1                     | 1m 1501y         |           |          |
| DRAWING NUMBER                                                                                                                                                                                                                                                             |           |                          |                  |           | REVISION |
| 62882-NRD-ST2-LJT1-DRG-ECV-100002                                                                                                                                                                                                                                          |           |                          |                  |           | B01      |