

DO NOT SCALE

**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

**CONSTRUCTION**

TBC

**MAINTENANCE/CLEANING**

TBC

**DECOMMISSIONING/DEMOLITION**

TBC

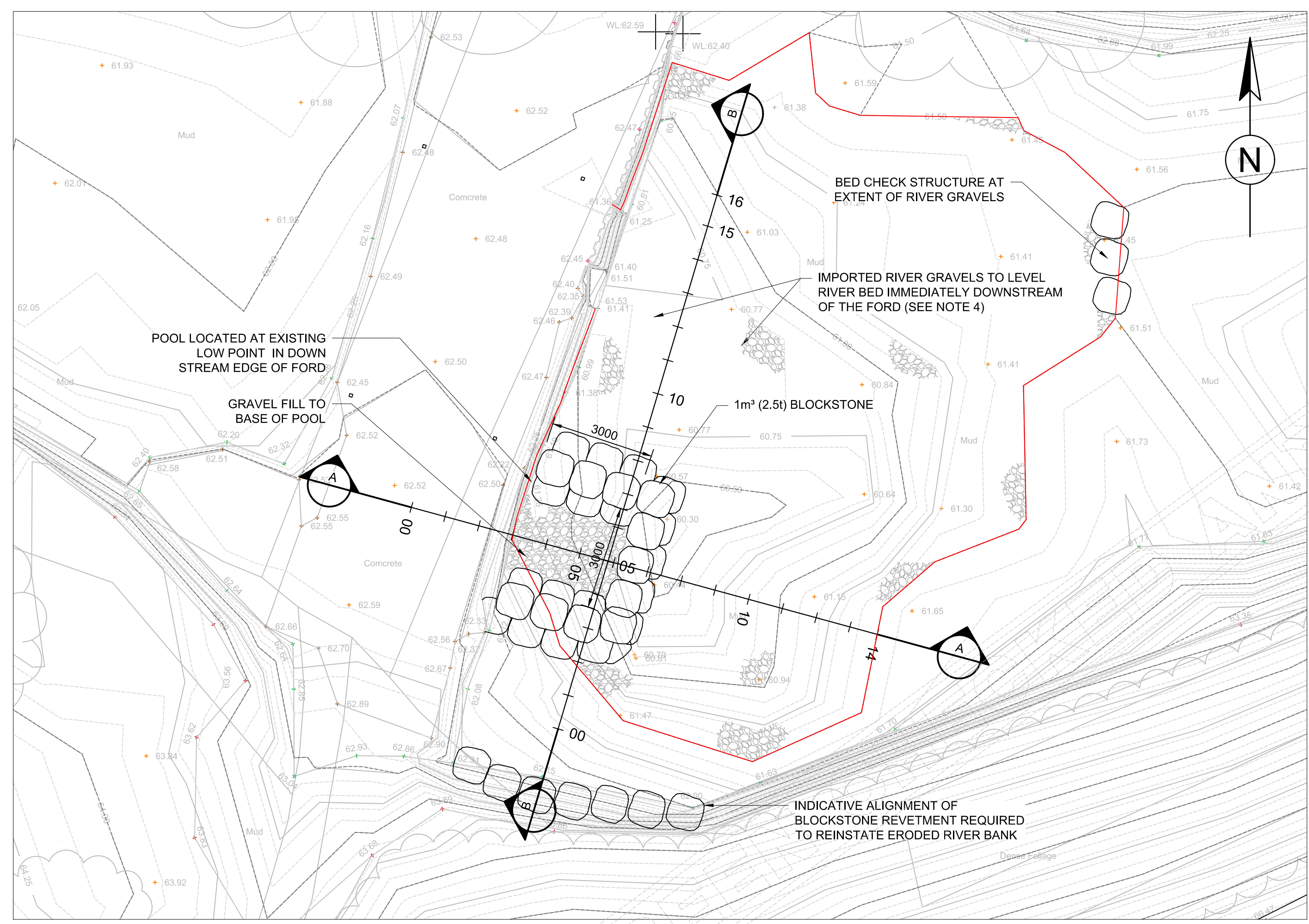
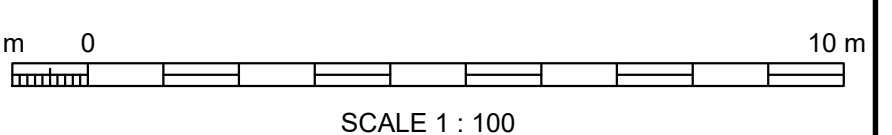
It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

**NOTES**

1. ALL LEVELS IN mAOD.
2. ALL DIMENSIONS IN mm UNLESS STATED OTHERWISE.
3. FORMATION LEVEL TO BE INSPECTED BY GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF THE BLOCKSTONE. SOFT MATERIAL MAY NEED TO BE EXCAVATED AND REPLACED WITH SUITABLE ENGINEERING FILL.
4. RIVER GRAVELS PLACED TO GENERAL LEVEL OF 61.5mAOD. NATURAL ADJUSTMENT OF THE RIVER GRAVELS IS EXPECTED AS THE RIVER ADJUSTS TO THE NEW FEATURES. THIS MAY BE MONITORED FOLLOWING CONSTRUCTION.

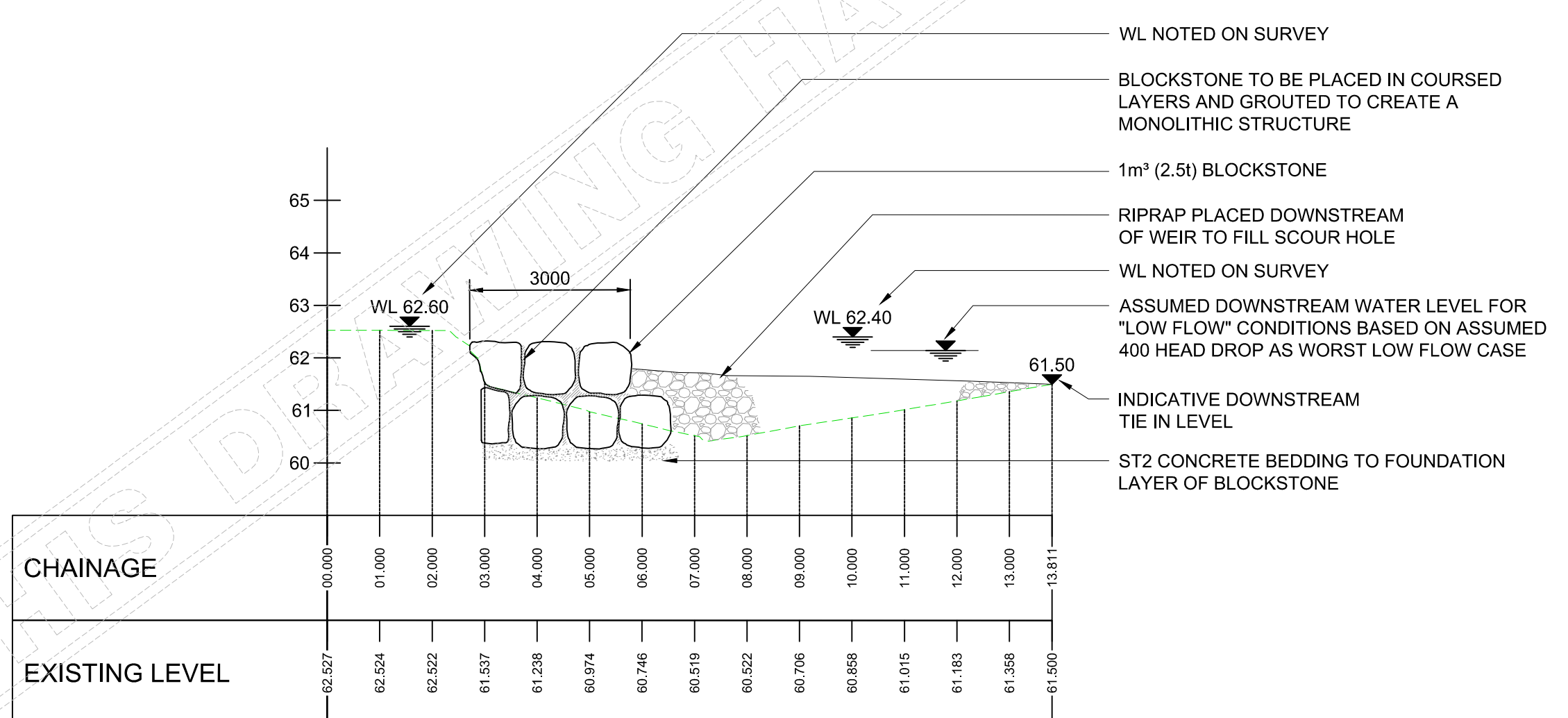
**LEGEND**

--- EXISTING GROUND LEVEL

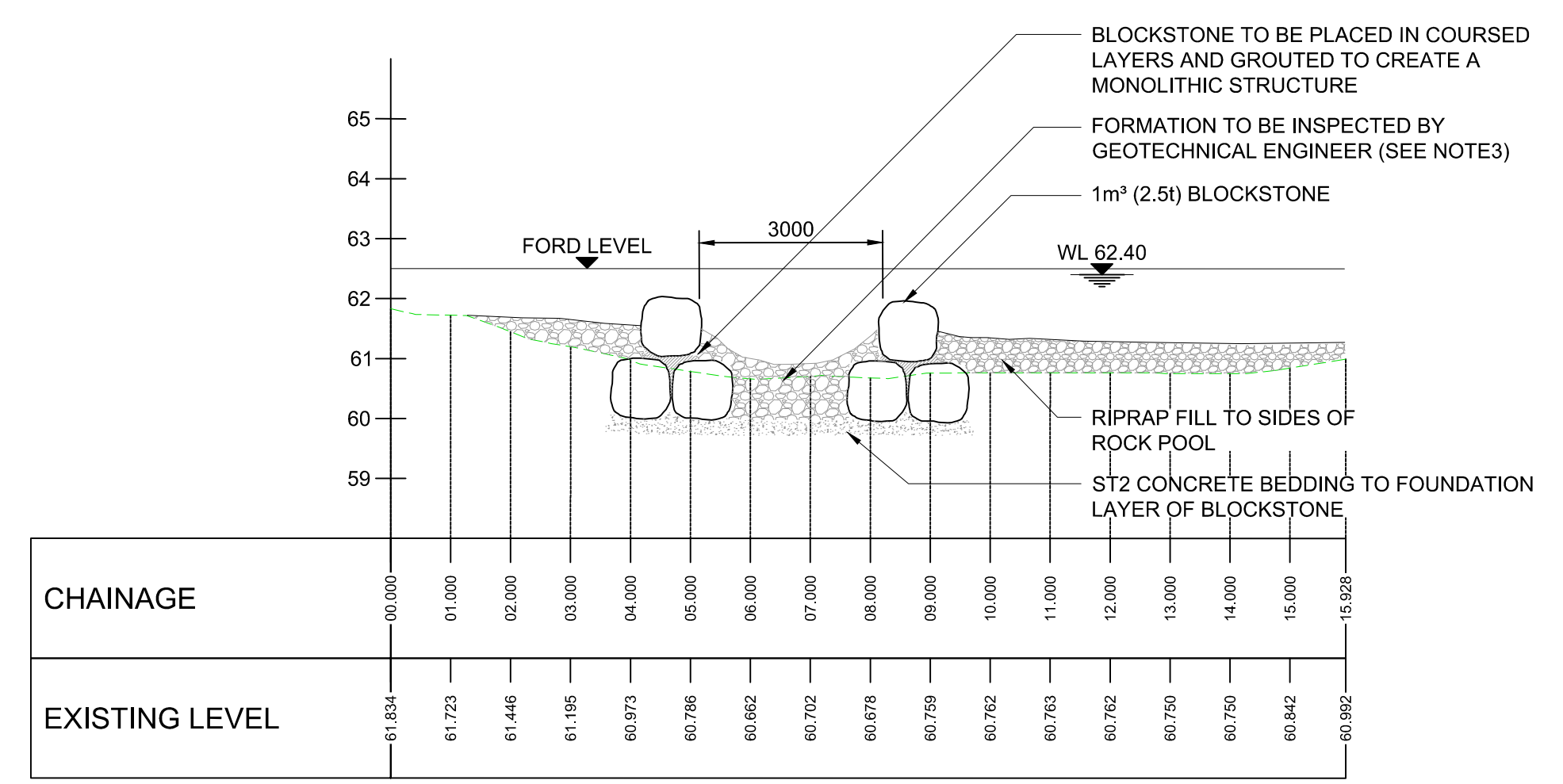


- BLOCK STONE**
1. UNLESS OTHERWISE MODIFIED OR EXTENDED HEREIN ALL STONE SHALL CONFORM TO THE REQUIREMENTS OF THE MODEL SPECIFICATION FOR TOCK ARMOUR MATERIALS AND CONSTRUCTION AS PUBLISHED BY CIRIA/CUR.
  2. ACCEPTABLE STONE SHALL BE INTACT, NON-DETERIOUS AND INERT. THE MATERIAL IS LIKELY TO BE ON OF THE FOLLOWING:
    - IGNEOUS AND GNEISSIC ROCK
    - SANDSTONE ROCK
  3. STONES SHOULD BE PLACED IN A MANNER THAT CREATES A ROBUST INTERLOCKING MATRIX WHICH IS RESISTANT TO BEING MOBILISED BY THE HYDRAULIC FORCES OF THE WATER IN THE POOLS.
  4. THE AVERAGE DENSITY SHALL BE AT LEAST 2600kg/m<sup>3</sup> WITH 90% OF THE STONE HAVING A DENSITY OF AT LEAST 2500kg/m<sup>3</sup>.
  5. THE AVERAGE WATER ABSORPTION SHALL BE LESS THAN 2%, WITH 90% OF THE STONE HAVING WATER ABSORPTION LESS THAN 2.5%.
  6. THE AVERAGE MILL ABRASION INDEX SHALL BE LESS THAN 0.004, WITH 90% BY NUMBER OF STONES HAVING A VALUE LESS THAN 0.015.
  7. STONES MUST BE FREE FROM VISUALLY OBSERVABLE CRACKS, VEINS, FISSURES, SHALE LAYERS, STYOLITE SEAMS, LAMINATIONS, FOLIATION PLANES, CLEAVAGE PLANES, UNIT CONTACTS OR OTHER SUCH FLAWS WHICH COULD LEAD TO BREAKAGE DURING LOADING, UNLOADING OR PLACING.
  8. THE CONTRACTOR SHALL PROVIDE DETAILS OF THE INTENDED SOURCE PRIOR TO DELIVERY ON SITE. THESE DETAILS SHALL INCLUDE A LOCATION PLAN, COPIES OF PHYSICAL AND CHEMICAL ANALYSES AND A BRIEF DESCRIPTION OF THE TYPE OF MATERIAL. NO STONE SHALL BE DELIVERED TO THE SITE WITHOUT THE SUPERVISOR'S PRIOR APPROVAL.

**PLAN**  
SCALE 1: 1:100



**A CROSS SECTION**  
SCALE 1: 1:100



**B CROSS SECTION**  
SCALE 1: 1:100

Rev.	Date	Description	By	Chkd	Appd

Drawing Status: **WORK IN PROGRESS** Suitability: **SO**

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Project Title: **CHIMNEY MEADOWS RESTORATION**

Drawing Title: **DUXFORD FORD PROPOSED FISH PASS ROCK POOL PLAN AND CROSS SECTIONS**

Scale	Designed	Drawn	Checked	Authorised
1:1000	AH	SDG	--	--
Original Size	Date	Date	Date	Date
A1	10/08/2020	11/08/2020	--/--/--	--/--/--

Drawing Number: 5197548-ATK-XX-ZZ-DR-C-0125 Revision: P1.1