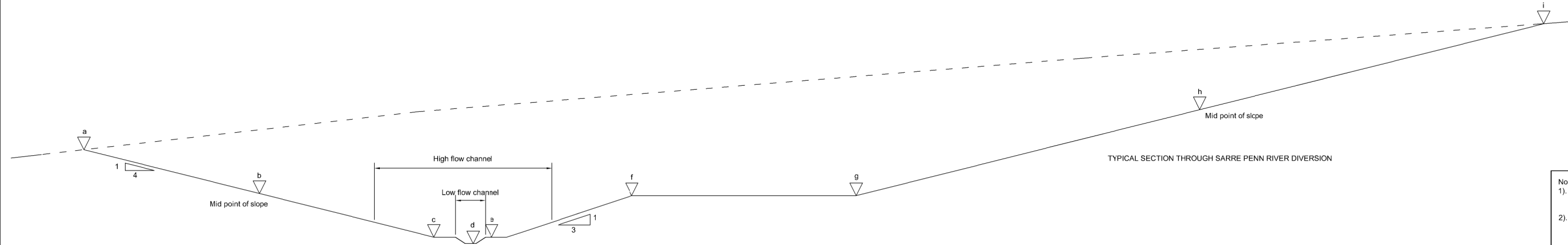
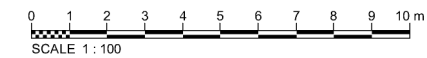
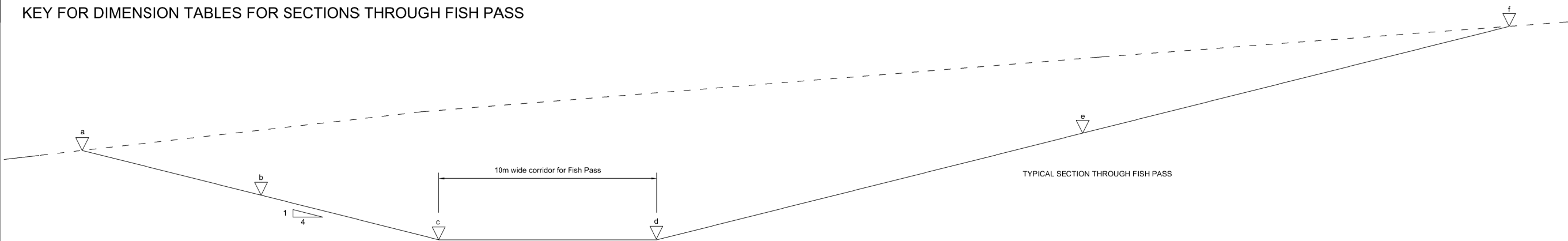


KEY FOR DIMENSION TABLES FOR SECTIONS THROUGH SARRE PENN RIVER DIVERSION



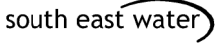
KEY FOR DIMENSION TABLES FOR SECTIONS THROUGH FISH PASS



- Notes:
- All sections are taken perpendicular to the RCP looking east.
 - Clearance Zone based upon clearances in the Electricity Networks Association (ENA) Technical Specification 43-8 issue 4 2015. Clearance Zone A shown is for climbable trees 5.3m clearance provided to the conductor. For Coppiced trees clearance zone A will be 2.2M higher towards the RCP conductors (3.1m clearance provided to the conductor). Clearance Zone B is for falling trees with 3.1m clearance provided to the conductor.
 - Clearance zone for fixed trees to conductor swing includes an offset of 3m to account for breadth of canopy, such that the zone can reflect maximum tree height.
 - Clearance from bridge deck to conductor must be at least 8.1m and from other physical infrastructure on bridge to conductor 5.3m. SEW do not anticipate that hardrails or lights to be greater than the 2.8m difference. Thus provided 8.1m clearance is achieved this is satisfactory.
 - Exclusion zone of 32m and Maintenance zone at 50m shown around pylons is generic zone as per NC proposal. Exact size and extent will be advised by NG to account for physical obstruction and minimum required access and working space.
 - The clearance zone is for maximum permissible tree height and does not represent tree heights attained between maintenance activity periods when trees will be substantially lowered to allow for growth within agreed maintenance scheduled frequency.
 - Clearance zone B (falling trees) shown to maximum height of 40m above ground level to reflect maximum height of tree species proposed (e.g. Oak).
 - The tables give distances at different points along the cross section. The minimum distance from the finished ground surface to the clearance zone may be less than the lowest value shown in the table.

0	07-09-2016	FINAL DRAFT FOR AGREEMENT WITH NG	PS	CF	JDG	AJS
Rev	Revision Date	Purpose of revision	Drawn	Checked	Revised	App'd

Client



1180 Lakeside Road, Wincoburn, Wokingham, RG41 5TU
Tel: +44(0)118 945 7000 Fax: +44(0)118 945 7001 www.jacobs.com

Project
BROAD OAK RESERVOIR

Drawing title
SECTION KEY FOR 32.5mAOD AND 38mAOD RESERVOIR SCHEMES

Drawing status
DRAFT

Scale
1:500 @ A1 Do not scale

Drawing number
B14000AT-501

Rev
0

The drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.