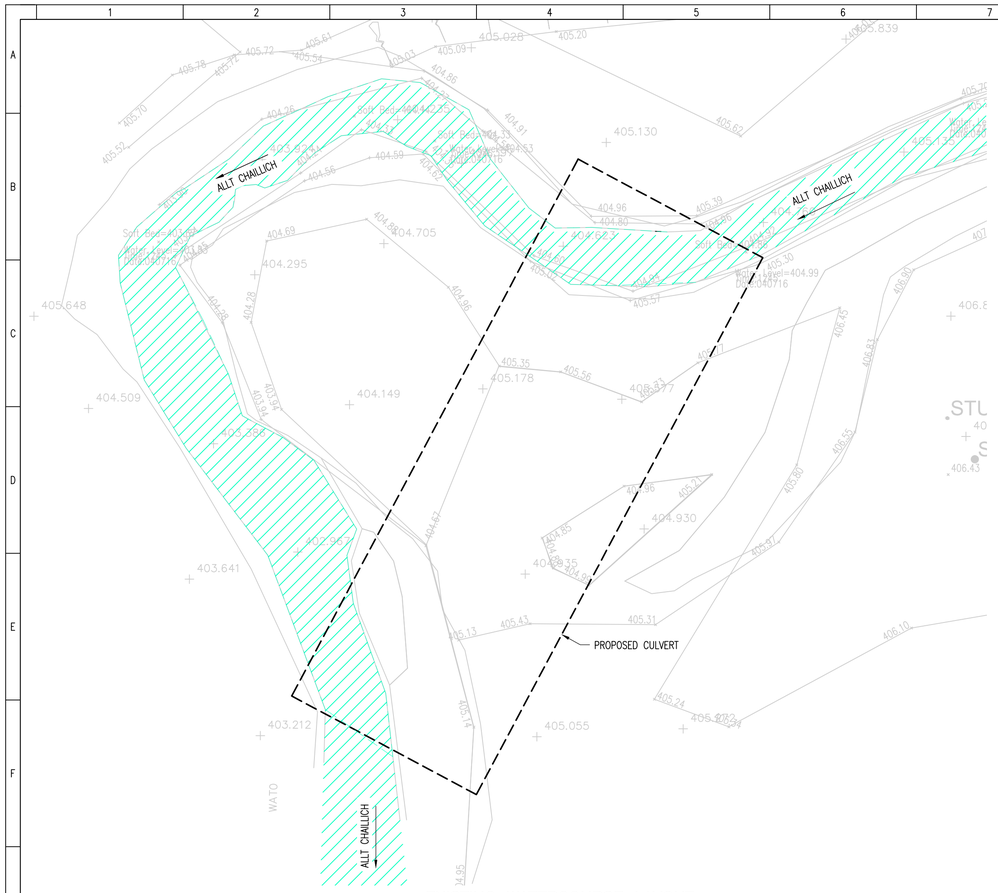
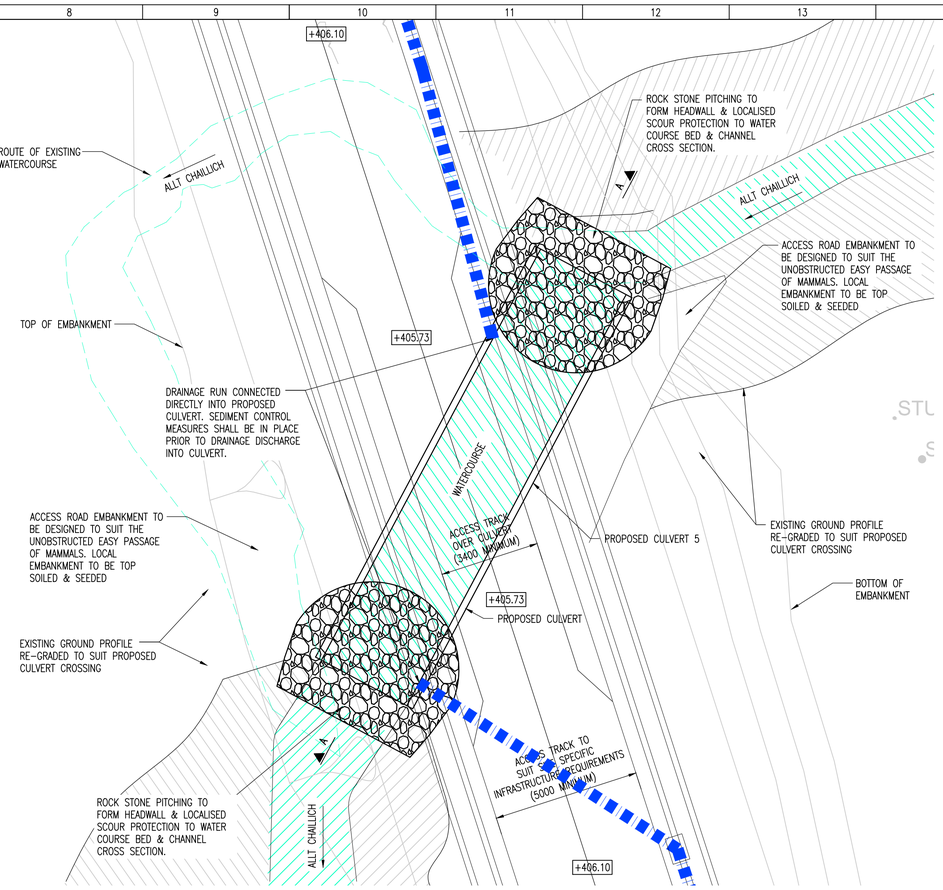


EXISTING WATERCOURSE LAYOUT

SCALE 1:100

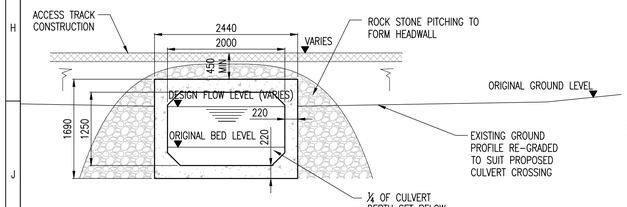


PROPOSED CULVERT LAYOUT

SCALE 1:100

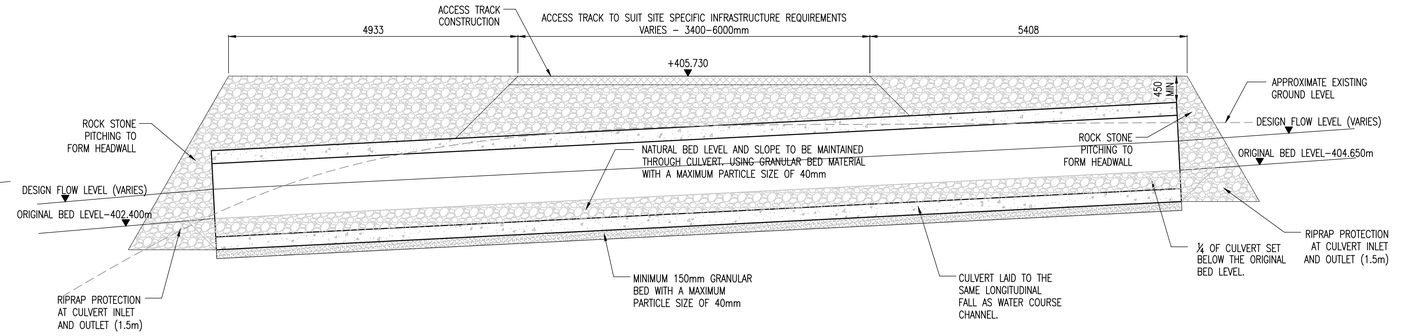
NOTES

1. DO NOT SCALE FROM THIS DRAWING. USE ONLY SPECIFIED DIMENSIONS.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
3. ALL LEVELS ARE IN METRES TO ORDNANCE DATUM UNLESS NOTED OTHERWISE.
4. THIS DRAWING IS FOR INFORMATION ONLY SUBJECT TO DETAILED DESIGN.
5. DRAINAGE LAYOUT PROPOSALS ARE SUBJECT TO AGREEMENT WITH SSE AND SITE DISCHARGE CONSENT HOLDERS.
6. ALL NEW DRAINAGE TO BE INSTALLED AND TESTED TO COMPLY WITH ALL RELEVANT BRITISH STANDARDS, CODES OF PRACTICE AND BUILDING STANDARDS.
7. CONTRACTOR SHALL BE AWARE OF THE POTENTIAL TO BREAKOUT ROCK TO FACILITATE THE INSTALLATION OF THE DRAINAGE LAYOUT. DRAINAGE INSTALLATIONS ARE ALSO BEING INSTALLED AT DEPTH THEREFORE APPROPRIATE TEMPORARY WORKS SHALL BE CONSIDERED AND PROVIDED WHERE REQUIRED.
8. ALL EXISTING LEVELS TO BE VERIFIED ON SITE BY CONTRACTOR.
9. THE FOLLOWING WORKS EXCLUDE THE TEMPORARY POLLUTION CONTROL AND ENVIRONMENTAL DRAINAGE WORKS WHICH MAY BE REQUIRED DURING THE PROJECT, SUCH AS SILT TRAPS & SPLASH BOARDS.
10. ALL NEW CROSSINGS HAVE BEEN SIZED FOR A 1:200 YEAR STORM EVENT FOLLOWING RESPONSE TO TQ0035 – CULVERT DESIGN.
11. THE CROSSING INVERT IS TO BE SET A THE SAME GRADIENT AS THE EXISTING STREAM BED.
12. PROPOSED OPEN DITCH DRAINAGE CHANNELS TO HAVE SILT CONTROL WEIRS PRIOR TO CONNECTION INTO PIPED OUTLET TO CONTROL SILT TRANSPORTATION AND DISCHARGE INTO THE CULVERT DURING CONSTRUCTION AND OPERATION.
13. THIS DRAWING HAS BEEN PREPARED IN ACCORDANCE WITH:
    - FORESTRY COMMISSION ROAD SPECIFICATION
    - CIRIA 689 – CULVERT DESIGN AND OPERATION GUIDANCE
    - SSE DOCUMENT TG-PS-747 TRANSMISSION SUBSTATION CIVIL DESIGN AND CONSTRUCTION GUIDANCE
    - SEPA WAT-SG-25



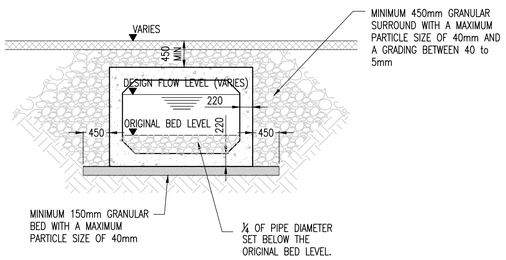
TYPICAL ELEVATION ON NEW CULVERT CROSSING

SCALE 1:50



SECTION A–A – SECTION THROUGH NEW CULVERT CROSSING

SCALE 1:50



TYPICAL CROSS SECTION ON NEW CULVERT CROSSING SHOWING BED & SURROUND

SCALE 1:50

INTERNAL DESIGN CHECK BOX

CIVIL	ELECTRICAL	PRIMARY	PROTECTION

SHE HAZARD BOX

IN ADDITION TO THE HAZARDS / RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORKS DETAILED ON THIS DRAWING, NOTE THE FOLLOWING SPECIFIC HAZARDS WHICH REQUIRE SPECIAL CONSIDERATIONS.

MAINTENANCE / CLEANING / OPERATION
N/A

CONSTRUCTION
DRAINAGE INSTALLATION IS BEING INSTALLED AT DEPTH AND ADJACENT TO EXISTING WATERCOURSE. TEMPORARY WORKS SHALL BE CONSIDERED AND PROVIDED WHERE REQUIRED.

DECOMMISSIONING / DEMOLITION
N/A

REV	DESCRIPTION	DATE	DRAWN	CHKD	APPD
03	UPDATED TO RRR COMMENTS	31/01/17	RH	JB	JC
02	SEPA & SSE COMMENTS ADDED	19/01/17	RH	JB	DJ
01	PART A2 SUBMISSION	30/11/16	DC	JB	JC

DRAWING STATUS: FOR INFORMATION

DATE:	SCALE:	SIZE:
04/11/16	1:50, 1:100	CAD A1
DRAWN BY: RH	CHECKED BY: RC	APPROVED BY: JC

Unit 2A-2E International House. Stanley Boulevard
Hamilton International Technology Park,
High Blantyre, G72 0BN.
Telephone 01698 404690 Fax 01698 404691
E-mail: communications@amey.co.uk Website: www.amey.co.uk

Drawing to BS 8888 unless otherwise stated

DRAWING TITLE:
ACCESS ROAD PROPOSED CULVERT LAYOUT & DETAILS CHAINAGE – 10881m

CLIENT NAME: SCOTTISH & SOUTHERN ENERGY

PROJECT NAME: TOMATIN KNOCKNAGAEL REINFORCEMENT

SITE NAME: TOMATIN 275/132kV SUBSTATION

DRAWING NUMBER: SWZ-1-6620

SHEET No. 1 OF 1

REVISION: 03

SWZ-1-6620 – ACCESS ROAD CULVERT LAYOUT & DETAILS, CHAINAGE – 10881M.DWG