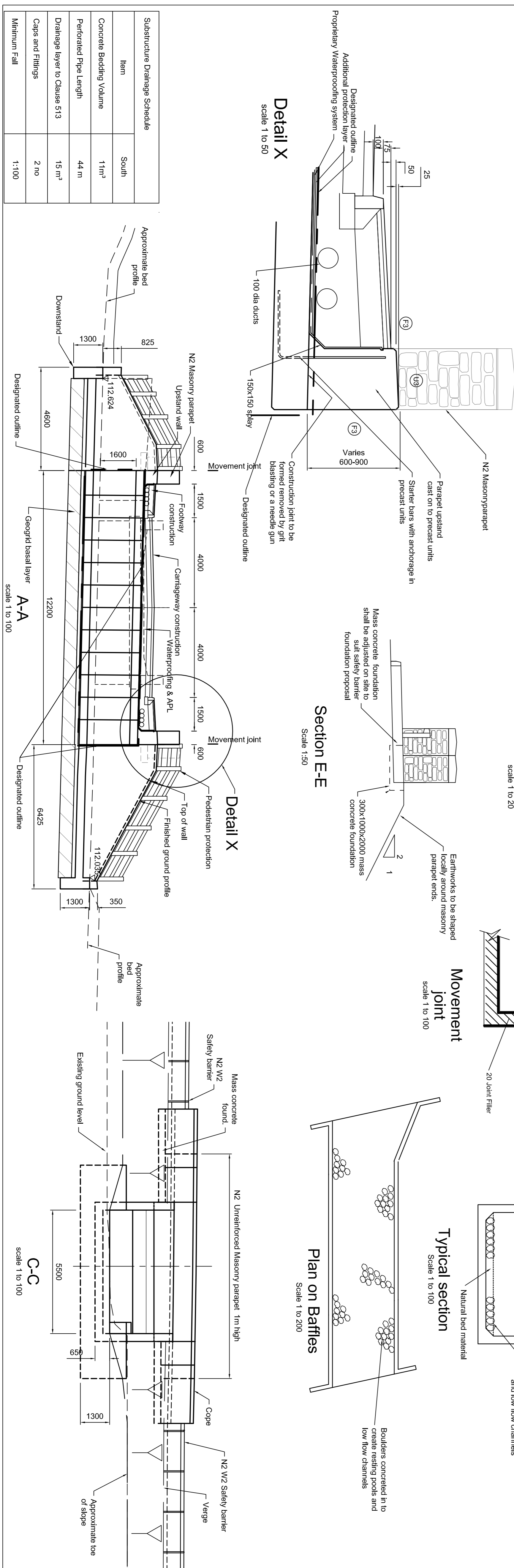
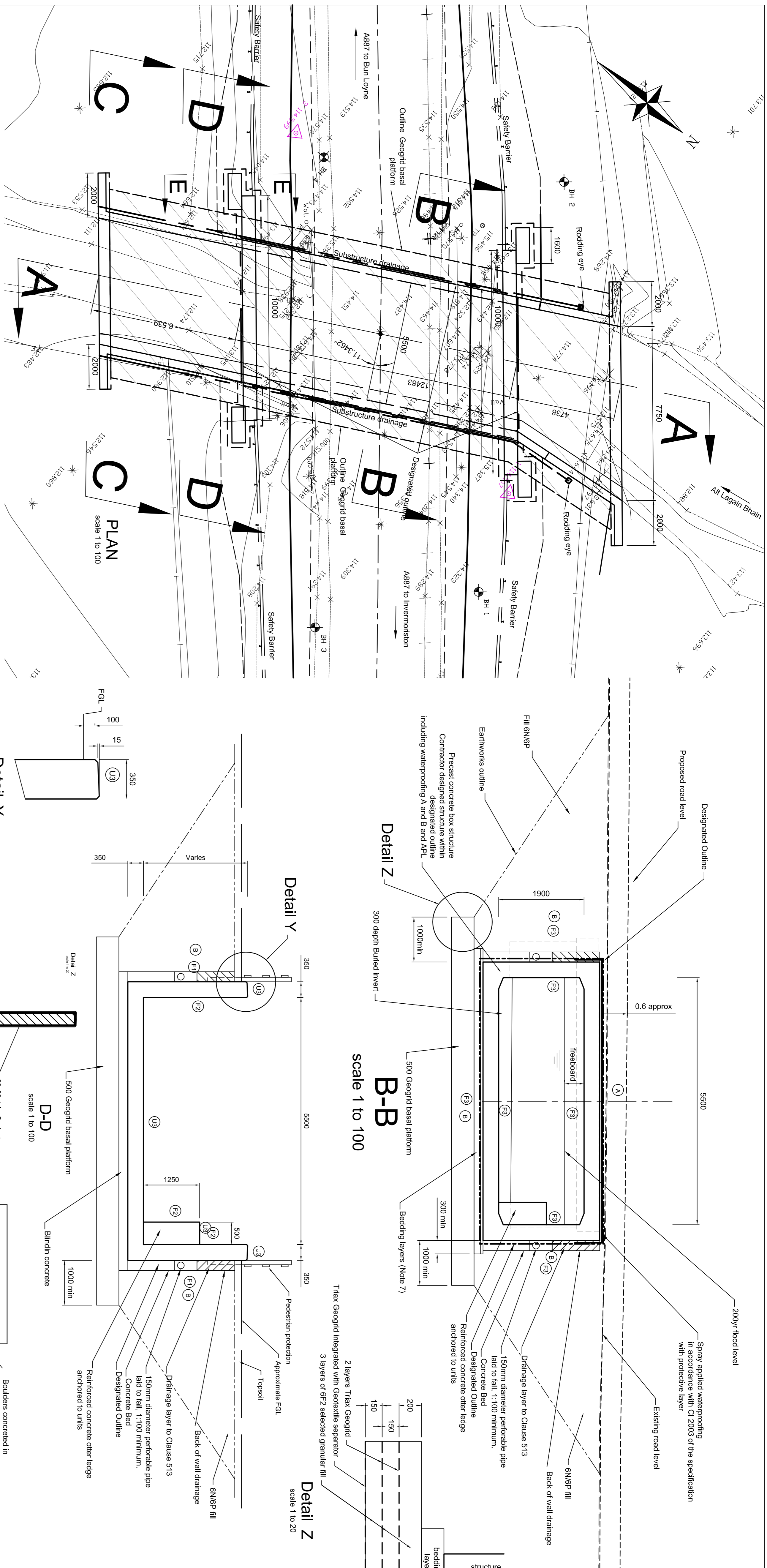


Notes:

1. All dimensions are in millimetres unless noted otherwise.
2. All levels are in metres AOD and callouts are in metres unless noted otherwise.
3. All exposed rebar to have 25x25 chamfers unless noted otherwise.
4. Concrete classes as follows:
  - Precast Concrete Structure - C50/60
  - In-situ cast concrete - C40/50
  - Concrete finishes denoted thus:
    - F - Formed
    - U - Unformed
6. Concrete protection to be as follows:
  - (A) The deck slab of the box structure to have a spray-applied proprietary waterproofing system to BU4/799 and TS124 with an additional protective layer (APL).
  - (B) All buried reinforced concrete surfaces to have two coats of bitumen waterproofing applied.
7. The bedding layers for boxes founded on other than hard material (as defined in MWHV CH1 h (ii)) to be two layers granular - bed lower 150mm of Class 6N material or 75mm blinding and an upper bed of 50mm of Class 6L material or on hard material to be two layer bed consisting of a lower 75mm minimum blinding concrete layer and an upper 50mm minimum granular layer of Class 6L.
8. The sequence of construction for all major elements of this structure shall, unless otherwise agreed, be as follows:-
  - a) Demolish existing structures and install temporary works for foundation to formation level, form geotextile basal layer.
  - b) Form foundations for precast box structure
  - c) Apply waterproofing to buried surfaces and install pre-cast box culvert units.
  - e) Lay blinding and construct foundations for retaining/training wall
  - f) Install retaining walls/training walls and parapet upstand
  - g) Complete waterproofing system
  - h) Complete wall drainage, earthworks and bridge/road construction
  - i) Complete earthworks and road finishes.
8. Structural element dimensions may change as a result of detailed design.
9. The contractor should note that the Designated Outline delineates the structure to be constructed. The contractor shall be responsible for any variations to the drawing as not to be included. Any alterations or variations to the works outside the Designated Outline or to existing works as a consequence of the Contractor's design are not to be included in any admeasurement.
10. Geogrid platform to comprise of multiple layers of geogrid between layers of GF selected granular fill
  - geogrid to extend beyond structure footprint a minimum of 1m on all sides
  - geotextile separator to be integrated with lowest layer of geogrid in order to prevent ingress of fines
  - Details shown are indicative for purposes of AIP and detailed shall be undertaken as part of SH/09 certificate process!

Do not scale this drawing



Revision			
Rev	Date	Description	By
A	5/11/12	Notes 6, 7 revised & 10 added, Joint & geogrid details added	AS/ask
Chart			CH1

		<p>Scotland <b>TranServ</b></p> <p>A Balliver Bays, Newcastle East Venture</p>	
<p>Status: <b>AIP</b></p>		<p>Project: <b>A887 Invermoriston - Bun Loyne Trunk Road</b> <b>A887 80 Lagain Bridge Replacement</b></p>	
<p>Title: <b>General Arrangement</b></p>		<p>Drawn: [ ] Checked: [ ] Approved: [ ] Date: July 2012</p>	

Item	South
Concrete Bedding Volume	11m <sup>3</sup>
Perforated Pipe Length	44 m
Drainage layer to Clause 513	15 m <sup>3</sup>
Caps and Fittings	2 no
Minimum Fill	1:100