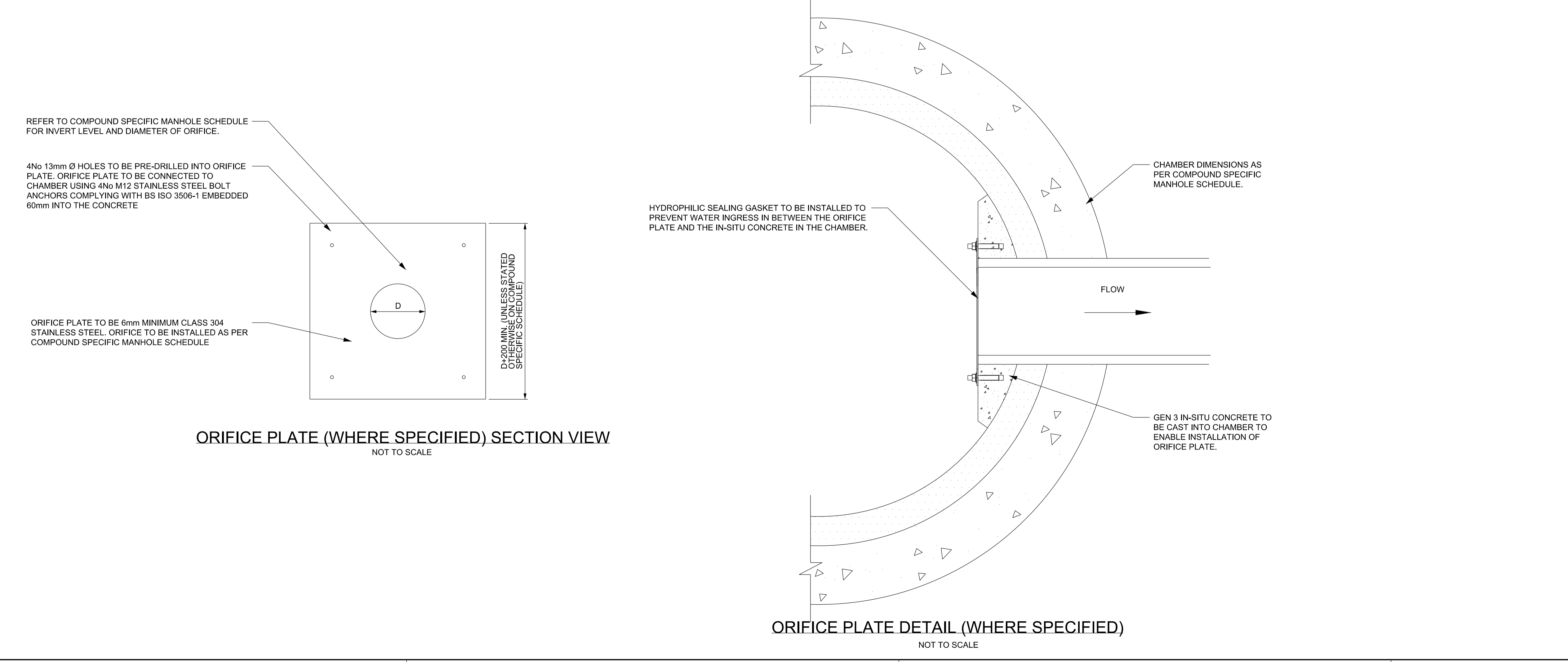
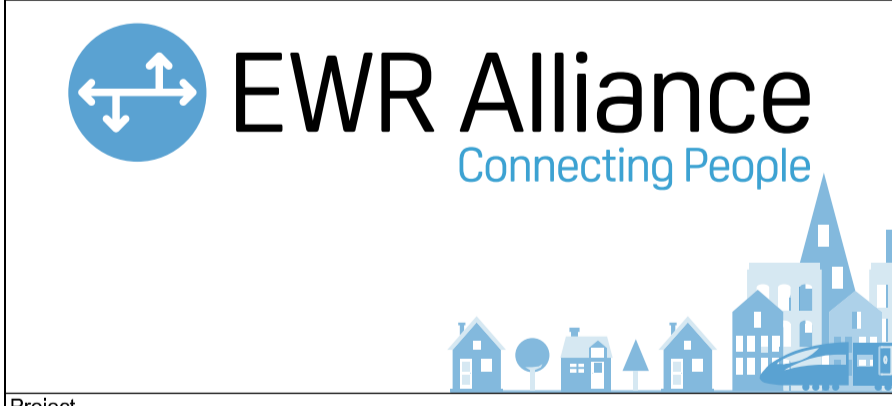


- NOTES
- THIS DRAWING IS NOT TO BE SCALED.
  - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
  - ALL WORKS TO BE IN ACCORDANCE WITH DRAINAGE SPECIFICATION 133735\_RW-EWR-XX-XX-SP-DR-000001.
  - BACK FILL AND TOPSOILING SHALL BE IN ACCORDANCE WITH THE EWR EARTHWORKS SPECIFICATION 133735\_RW-EWR-XX-XX-SP-CE-000001 AND STANDARD DETAIL DRAWINGS.
  - PROPOSED METHODS OF FLOW CONTROL VARY BETWEEN EACH SITE. WHERE VORTEX CONTROLS ARE SPECIFIED REFER TO THE MANUFACTURER'S GUIDANCE DOCUMENTS FOR INSTALLATION AND CONSTRUCTION DETAILS.
  - HAY BALES PLACED INTO 100mm DEEP TRENCH AND SECURED WITH TWO WOODEN 50x50mm STAKES PER BALE DRIVEN TO A MINIMUM DEPTH OF 500-700mm. MINIMUM HEIGHT OF HAY BALES 700mm FROM FORMATION OF TRENCH. ARRANGEMENT TO EXTEND ALONG FULL WIDTH OF FEATURE. FOR FURTHER INSTALLATION GUIDANCE REFER TO CIRIA 648 FIGURE 18.16. HAY BALES TO BE MAINTAINED IN ACCORDANCE WITH THE SITE MAINTENANCE PLAN.
  - SEDIMENT FOREBAYS WHERE APPLICABLE TO BE INSPECTED FOLLOWING RAINFALL EVENTS AND SEDIMENT BUILD UP TO BE REMOVED MONTHLY FOR THE FIRST YEAR THEN ANNUALLY THEREAFTER.
  - FOR REQUIRED HEADWALL TYPE, REFER TO COMPOUND SPECIFIC MANHOLE SCHEDULE. TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S GUIDANCE.
  - THE PENSTOCK TO BE FABRICATED FROM STAINLESS STEEL (SS316) AND HDPE BACK PLATE WITH EDPM LIPSEALS. THE PENSTOCK SHALL BE CAPABLE OF WITHSTANDING A MINIMUM ON-SEATING PRESSURE OF 5m AND BE MANUALLY OPERATED USING A NON-RISING SPINDLE. THE PENSTOCK IS TO BE FIXED TO THE HEADWALL USING STAINLESS STEEL SOCKETS CAST INTO THE HEADWALL.
  - EROSION PROTECTION STONE TO BE PROVIDED BELOW INLET TO BASIN. STONE LAYER TO BE A MINIMUM 200mm THICK LAYER OF DN50=300mm EROSION PROTECTION STONE IN ACCORDANCE WITH 181.019A OF THE SPECIFICATION. THE STONE IS TO PROVIDE A 1000mm WIDE APRON FROM THE INVERT OF THE PIPE OR DITCH EXTENDING A MINIMUM OF 1000mm ALONG BASE OF THE ATTENUATION BASIN.



| Rev                      | Date     | Description of Revisions | Desd | Chkd | Appr | Suitability |
|--------------------------|----------|--------------------------|------|------|------|-------------|
| B01                      | 28/02/20 | For Consent              |      |      |      |             |
| SHARED - for Information |          |                          |      |      |      | S2          |



Project  
**East West Rail  
(Western Section)  
Phase 2**

Drawing Title  
**Temporary Compound Drainage  
Construction Details Attenuation Basin  
And Flow Control Chamber Detail**

|                                    |  |        |            |      |          |        |
|------------------------------------|--|--------|------------|------|----------|--------|
| Designed                           | Megha Korgal                                     | Signed | M. Korgal  | Date | 27/02/20 |        |
| Drawn                              | Sreeni Ramachandra Nair                          | Signed | S. R. Nair | Date | 26/04/19 |        |
| Checked                            | Mark Stevens                                     | Signed | M. Stevens | Date | 28/02/20 |        |
| Approved                           | Adrian Rose                                      | Signed | A. Rose    | Date | 28/02/20 |        |
| Scale(s)                           | ELR - Project Chainage (Miles Yards)<br>XX - ALL |        |            |      |          |        |
| Design Package Risk Classification | Normal   |        |            |      | Sheet    | 3 of 4 |
| Alternative Reference              |  |        |            |      | Revision | B01    |
| Drawing Number                     | 133735_RW-EWR-XX-ALL-DR-DH-050003                |        |            |      |          |        |