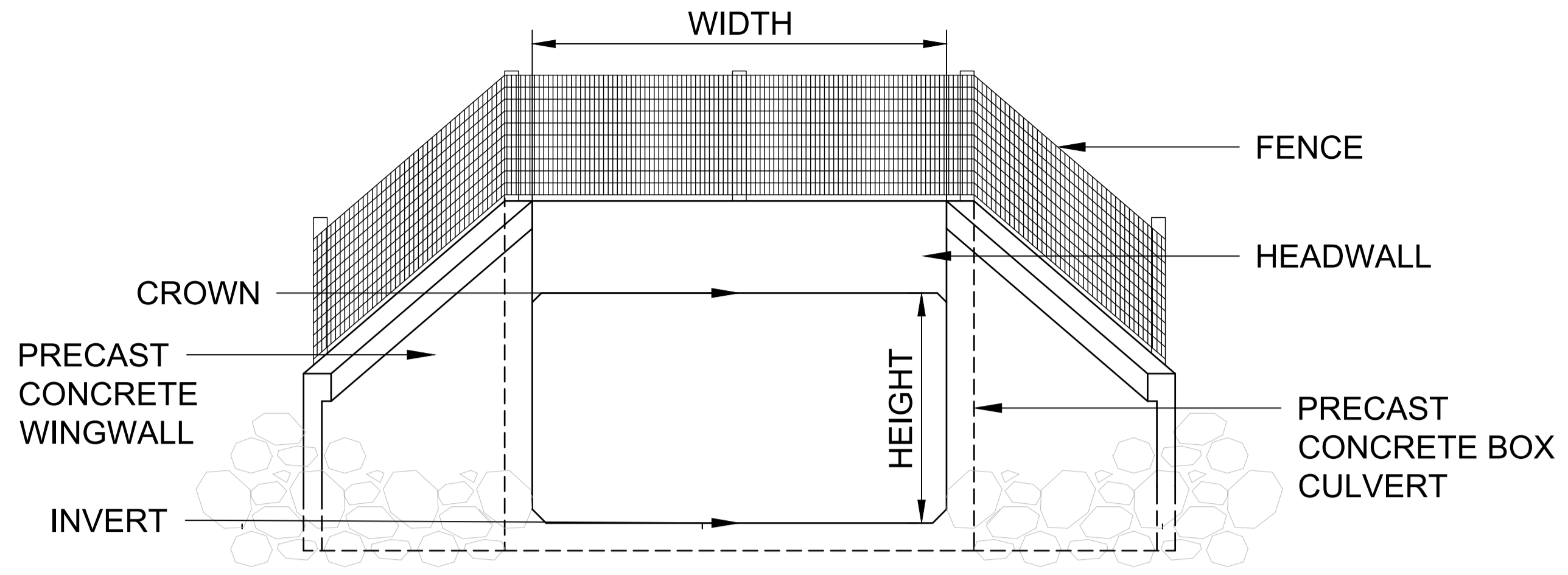
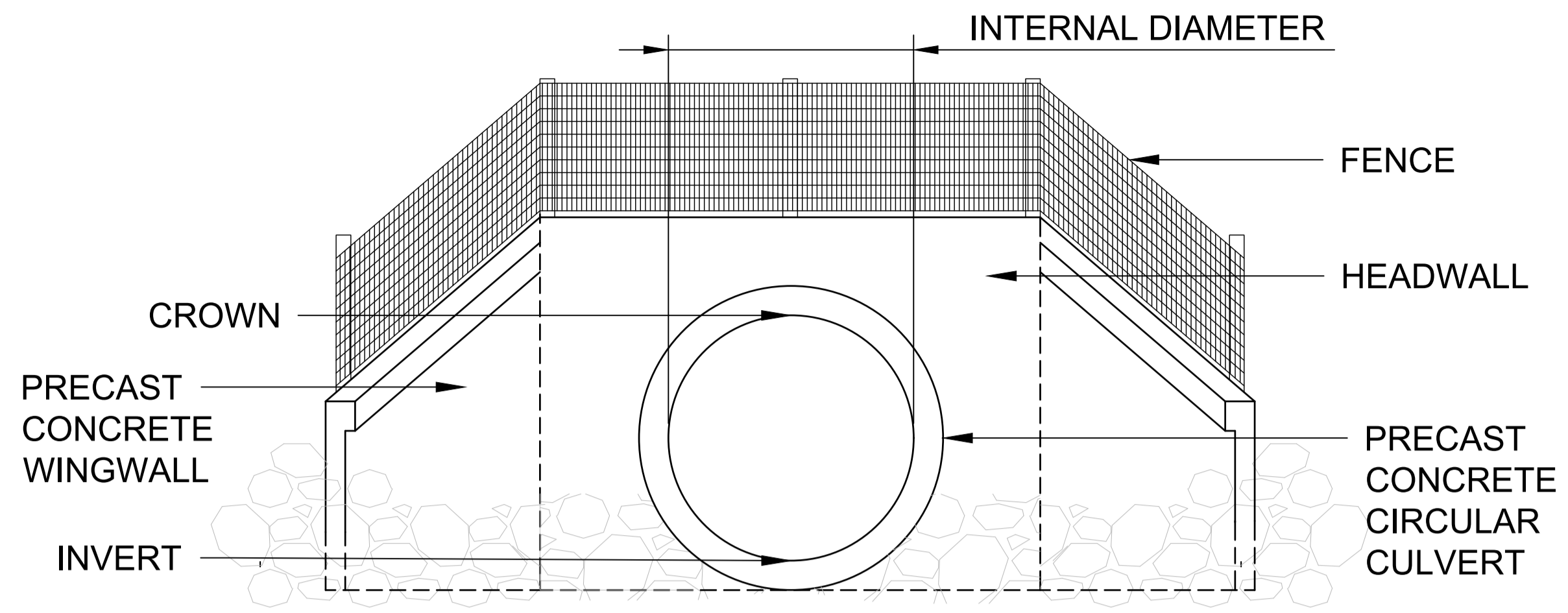


File name: \\EU-AECOM\NET\COM\MEM\UK\IED\B\2\0\BSPR-447485\_BLESSINGTON\_GREENWAY\900\_CAD\_GIS\910\_CAD\05-MODELS\606172025-BLESSINGTON\_GREENWAY-STRUCTURES - CULVERT STANDARD DETAILS.DWG  
 Last saved by: MCGOVERNT14 Last Plotted: 2023-12-15  
 Project Management Initials: Designer: SF Checked: PC Approved: EOM ISO A1 594mm x 841mm



## BOX CULVERT ELEVATION

SCALE 1:100



## CIRCULAR CULVERT ELEVATION

SCALE 1:100

Culvert No.	Chainage	Culvert Type	Flow rate through Culvert (m <sup>3</sup> s <sup>-1</sup> )	Culvert Sizing (Width x Height)	Status / Progress
Culvert 1	2+605 Valleymount			N/A	
Culvert 2	3+205 Valleymount	Box	1.36	2.1m x 1.2m	Passes all checks.
Culvert 3	3+320 Valleymount	Box	0.98	1.8m x 1.2m	Passes all checks.
Culvert 4	4+040 Valleymount	Box	7.88	6.0m x 1.5m	Passes all checks.
Culvert 5	Ballyknockan 0+730	Box	9.96	7.5m x 1.8m	Passes all checks.
Culvert 6	Ballyknockan 1+890	Box	5.87	8.7m x 1.2m	Passes all checks.
Culvert 7	2+300 Ballyknockan	N/A - Under Bridge			
Culvert 8	2+450 Ballyknockan	Box	2.44	5.1m x 1.5m	Passes all checks.
Culvert 9	2+810 Ballyknockan	Box	1.33	3.3m x 1.2m	Passes all checks.
Culvert 10	2+860 Ballyknockan	Box	0.81	1.5m x 1.5m	Passes all checks.
Culvert 11	2+910 Ballyknockan	Box	1.34	2.1m x 1.5m	Passes all checks.
Culvert 12	3+165 Ballyknockan	Box	0.86	1.5m x 1.5m	Passes all checks.
Culvert 13	3+525 Ballyknockan	Box	1.54	3.9m x 1.2m	Passes all checks.
Culvert 14	3+680 Ballyknockan	Box	30.29	15m x 3.6m	Passes all checks.
Culvert 15	3+740 Ballyknockan	N/A	N/A	N/A	
Culvert 16	3+805 Ballyknockan	Box	2.9	5.1m x 1.5m	Passes all checks

Culvert No.	Chainage	Culvert Type	Flow rate through Culvert (m <sup>3</sup> s <sup>-1</sup> )	Culvert Sizing (Width x Height)	Status / Progress
Culvert 17	4+010 Ballyknockan	Box	2.36	5.4m x 1.8m	Passes all checks
Culvert 18	0+080 Lackan	Box	5.63	5.1m x 1.8m	Passes all checks
Culvert 19	1+110 Lackan	Box	1.49	5.4m x 2.1m	Passes all checks
Culvert 20	1+305 Lackan	Box	0.584	1.5m x 1.2m	Passes all checks
Culvert 21	1+480 Lackan	Circular Culvert	0.482	1.2m Diameter	Passes all checks.
Culvert 22	1+740 Lackan	Circular Culvert	0.727	1.8m Diameter	Passes all checks.
Culvert 23	1+890 Lackan	Box	1.796	1.5m x 1.2m	Passes all checks.
Culvert 24	3+870 Lackan	Box	1.796	2.7m x 1.5m	Passes all checks.
Culvert 25	4+380 Blessington	Box	9.744	5.1m x 2.1m	Passes all checks.
Culvert 26	6+980 Blessington	Box	1.081	2.4m x 1.5m	Passes all checks.
Culvert 27	8+740 Blessington				Incomplete
Culvert 28	1+650 Tulfarris				Incomplete
Culvert 29	1+400 Tulfarris	Box	0.669	1.5m x 1.2m	Passes all checks.
Culvert 30	3+800 Baltyboys	Box	1.02	1.8m x 1.2m	Passes all checks.
Culvert 31	4+900 Baltyboys	Box	1.41	2.4m x 1.2m	Passes all checks.
Culvert 32	5+050 Baltyboys	Box	2.02	2.7m x 1.8m	Passes all checks.



**PROJECT**  
 BLESSINGTON  
 eGREENWAY



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- NOTES**
1. INFORMATION IS INDICATIVE ONLY AND RELATES TO CURRENT INFORMATION AVAILABLE
  2. SIZE AND TYPE OF STRUCTURE DEPENDS ON FURTHER GEOTECHNICAL INVESTIGATION INFORMATION
  3. STRUCTURE TYPE DEPENDENT ON SUCCESSFUL APPROVAL OF SECTION 50 POSITION AND DIMENSIONS OF STRUCTURE ASSUMED BASED ON HIGH WATER LEVEL 185.20M IN BLESSINGTON LAKE
  5. WATER LEVEL IN STREAMS YET TO BE CONFIRMED

**ISSUE/REVISION**

A	DEC 2023	ABP RFI UPDATE
I/R	DATE	DESCRIPTION

**PROJECT NUMBER**  
 60617025

**SHEET TITLE**  
 CONCEPTUAL CULVERT DESIGN  
 STANDARD DETAILS  
 SHEET 1 OF 1

**SHEET NUMBER**  
 60617025-SHT-20-CS-005

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