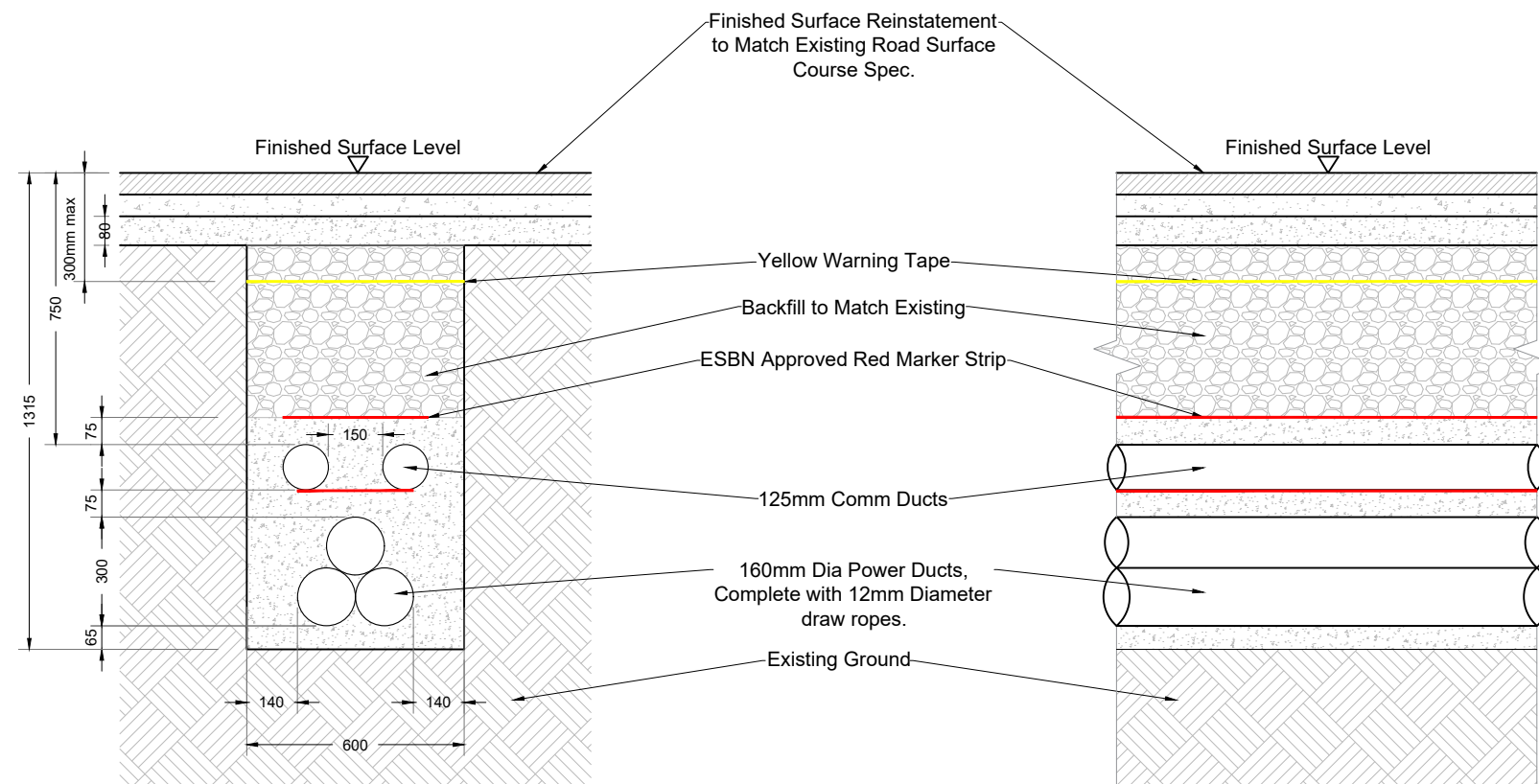
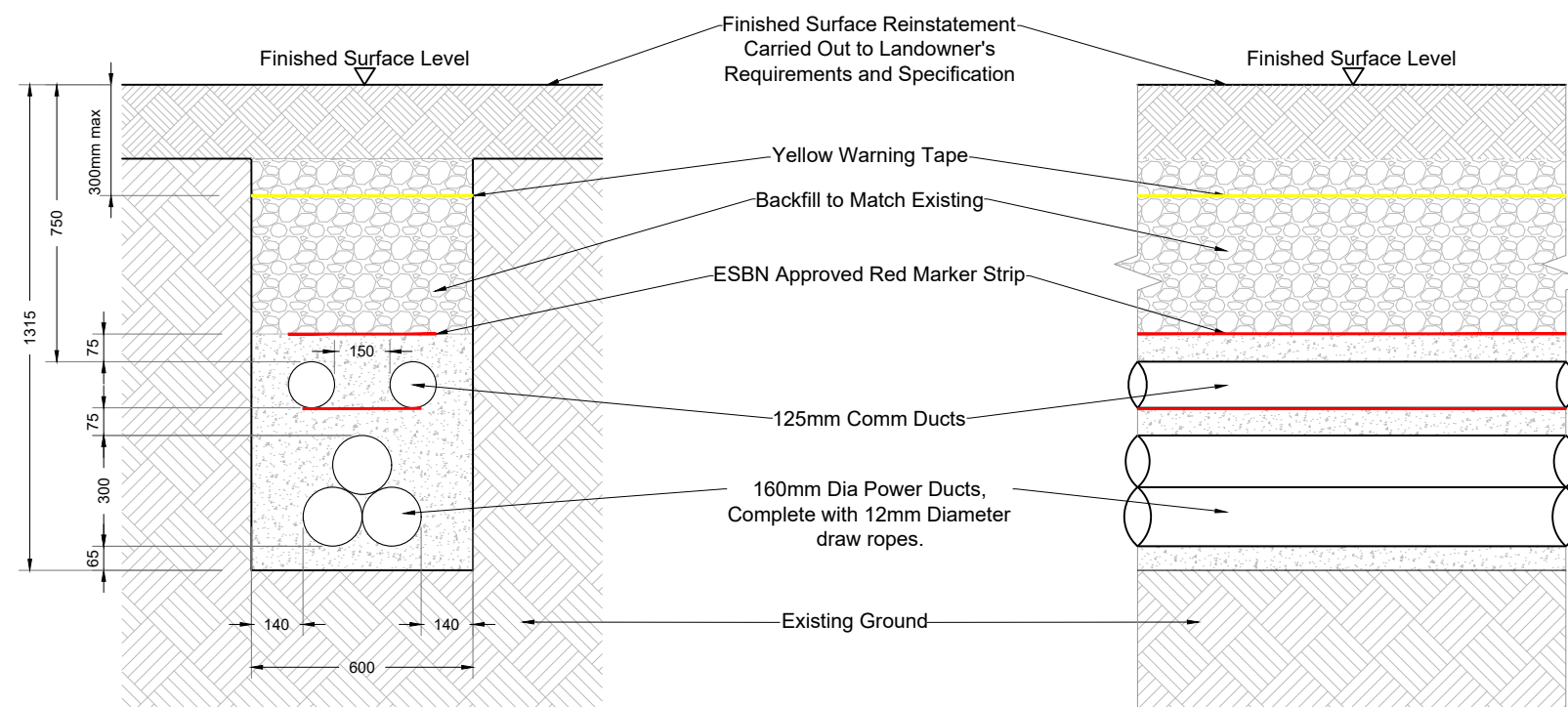




Standard 110kV Trench Detail in Local Roads

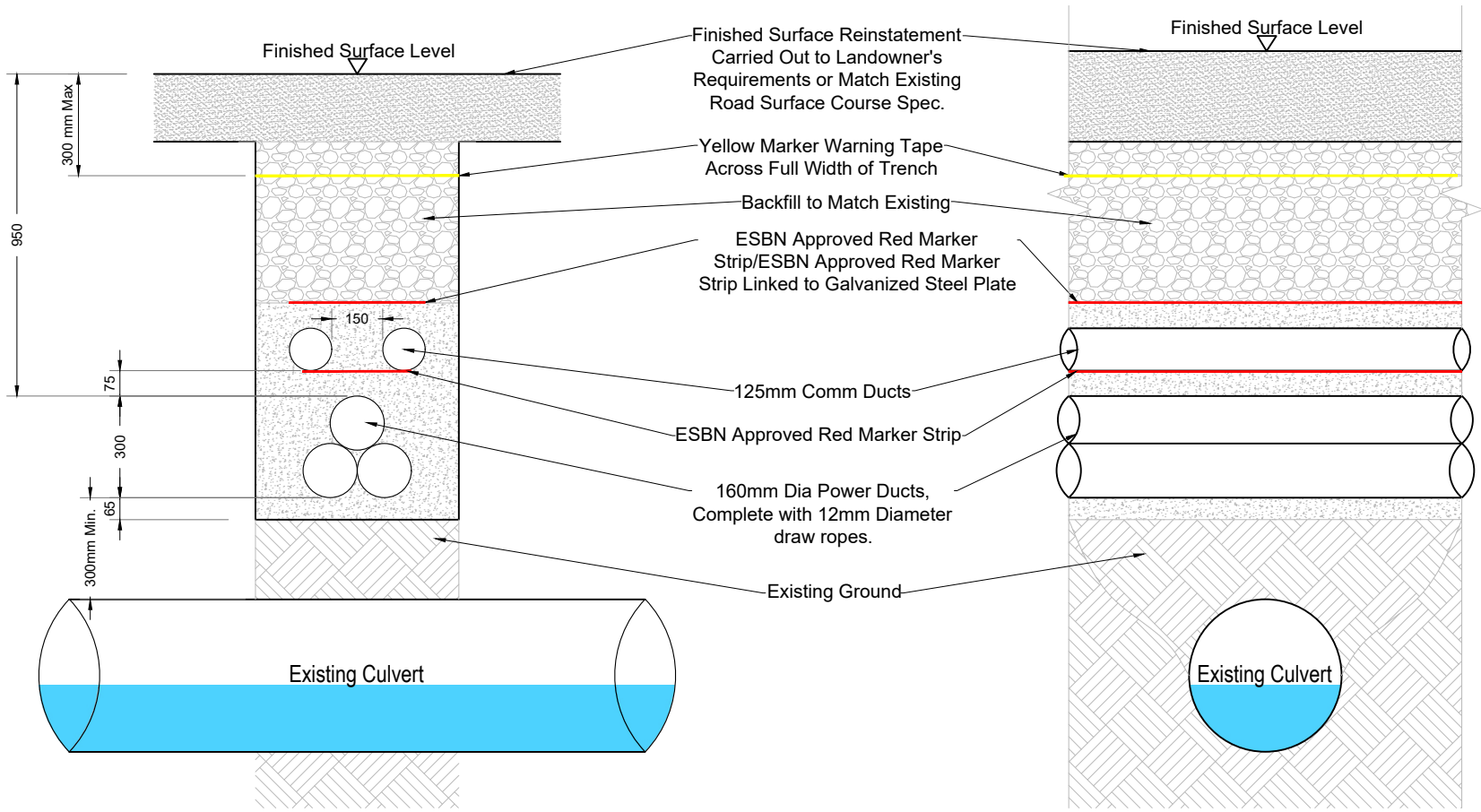
SCALE 1:20



Standard 110kV Trench Detail in Off-Roads

SCALE 1:20

NOTES						ENGINEER		CLIENT		PROJECT	
								AFRY Ireland Ltd. The Hyde Building, The Park, Carrickmines, D18VC44 Ireland Tel. +353 (0) 1 845 5031		MEENBOG WIND FARM	
						DRAWN BY M. BROWNE		DATE 23/06/2026		PAPER SIZE A3	
						CHECKED AND APPROVED L. POWER		DATE 23/06/2026		SCALE 1:20	
								STATUS EXISTING		TITLE 110kV UNDERGROUND GRID CONNECTION STANDARD TRENCH DETAILS	
										DRAWING NUMBER MNBG d042.2.1	
										REVISION A	
REV	DATE	DRAWN BY	CHECKED BY	DETAILS							
A	23/06/2026	M.B.	L.P.	FIRST ISSUE							



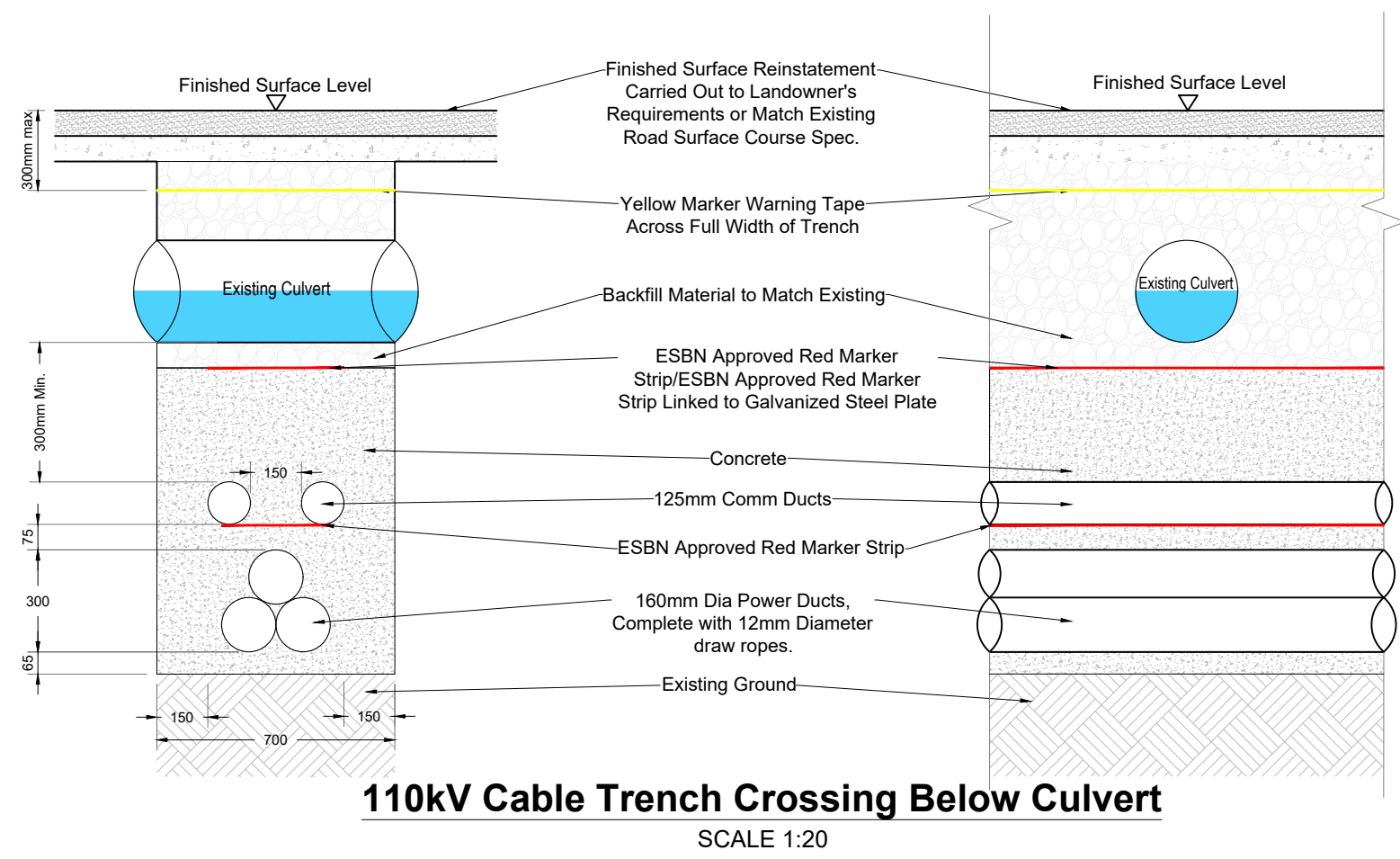
110kV Cable Trench Crossing Over Culvert

SCALE 1:20

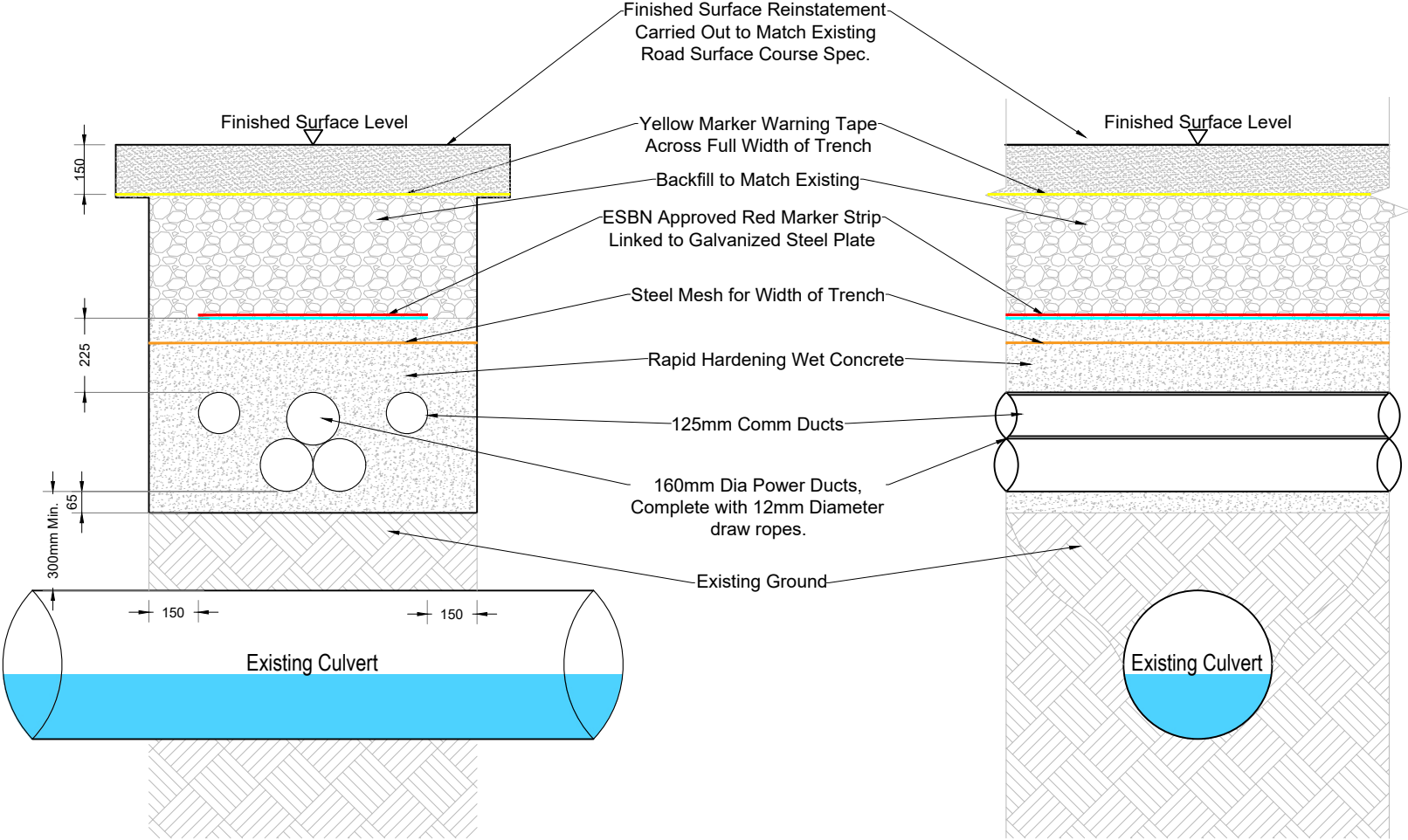
NOTES										ENGINEER			CLIENT		PROJECT	
										AFRY AFRY Ireland Ltd. The Hyde Building, The Park, Carrickmines, D18VC44 Ireland Tel. +353 (0) 1 845 5031				MEENBOG WIND FARM		
DRAWN BY		DATE		PAPER SIZE		SCALE		110kV UNDERGROUND GRID CONNECTION TRENCH OVER CULVERT CROSSING DETAILS		REVISION A						
M. BROWNE		23/06/2026		A3		1:20										
					CHECKED AND APPROVED			DATE		STATUS		DRAWING NUMBER				
					L. POWER			23/06/2026		EXISTING		MNBG d042.2.3				
REV	DATE	DRAWN BY	CHECKED BY	DETAILS												
A	23/06/2026	M.B.	L.P.	FIRST ISSUE												

Printed: 24/06/2026 16:14:19

Created: 23/06/2026 16:14:19
Drawing MNBG Drawings MNBG D042 110kV Grid Route Cross Sections MNBG D042 2 - 110 KV Grid Route - Culvert Cross Sections

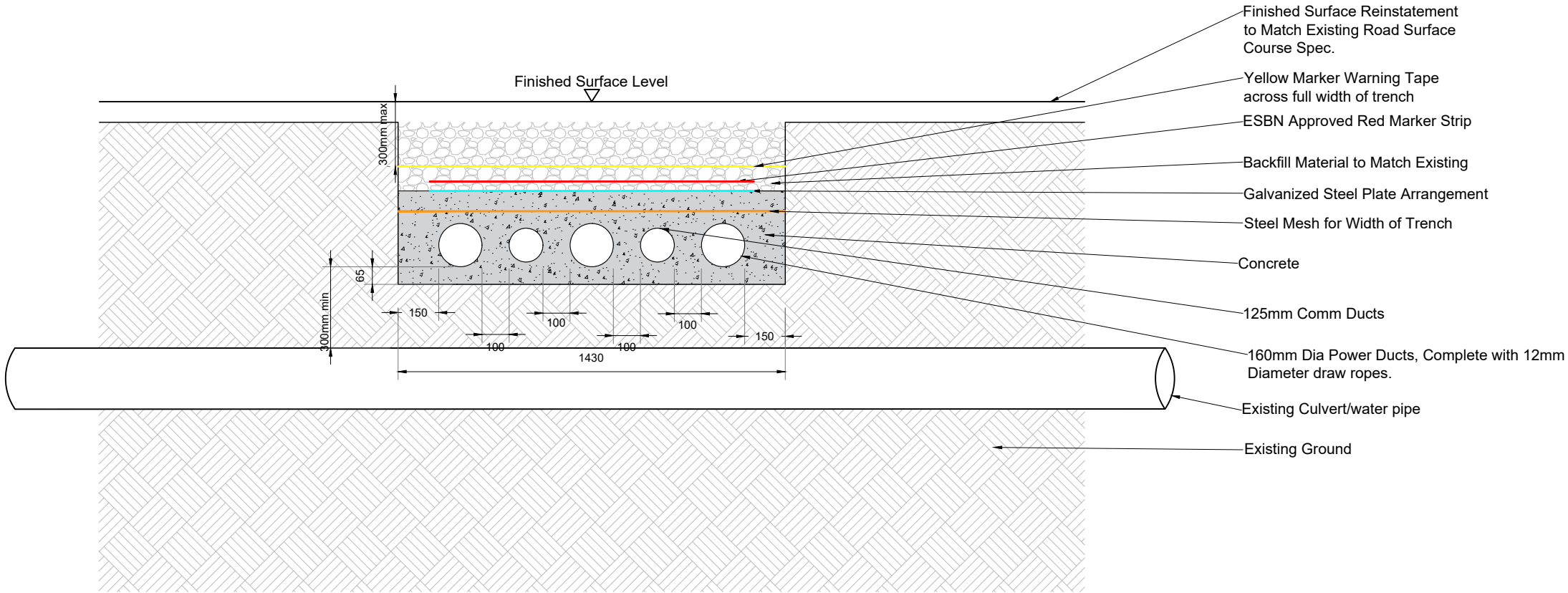
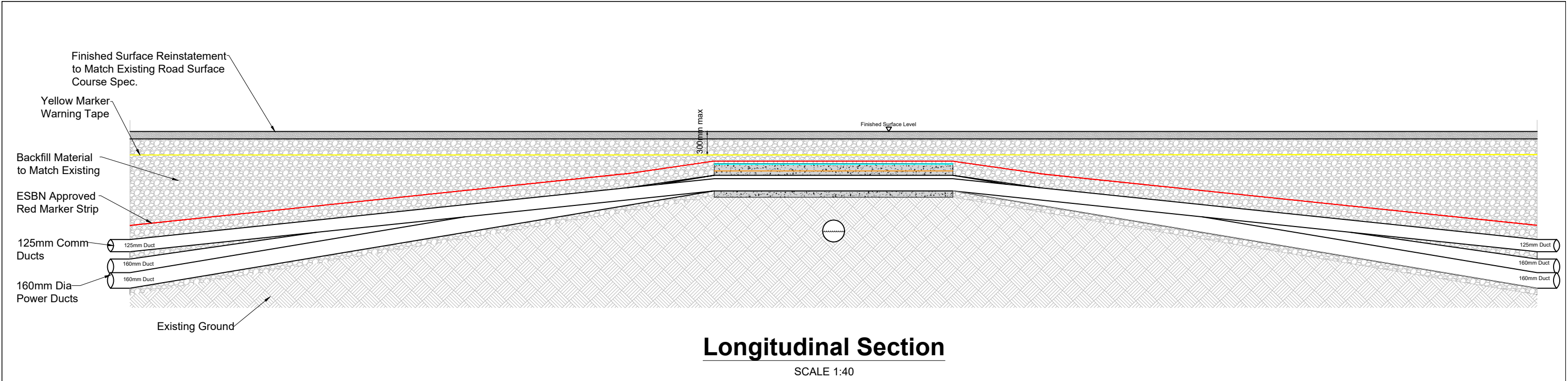


NOTES					ENGINEER AFRY AFRY Ireland Ltd. The Hyde Building, The Park, Carrickmines, D18VC44 Ireland Tel. +353 (0) 1 845 5031	CLIENT		PROJECT MEENBOG WIND FARM			REVISION A		
								TITLE 110kV UNDERGROUND GRID CONNECTION TRENCH BELOW CULVERT CROSSING DETAILS		DRAWING NUMBER MNBG d042.2.4			
								PAPER SIZE A3		SCALE 1:20			STATUS EXISTING
A	23/06/2026	M.B.	L.P.	FIRST ISSUE	DRAWN BY M. BROWNE		DATE 23/06/2026						
					CHECKED AND APPROVED L. POWER		DATE 23/06/2026						
REV	DATE	DRAWN BY	CHECKED BY	DETAILS									

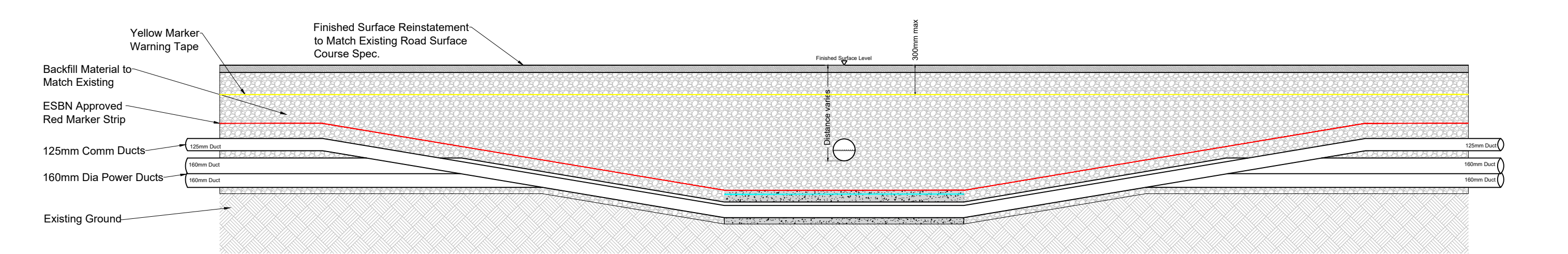


110kV Cable Trench Crossing Over Culvert - Comms Lowered Formation
SCALE 1:20

NOTES						ENGINEER		CLIENT		PROJECT	
						 AFRY AFRY Ireland Ltd. The Hyde Building, The Park, Carrickmines, D18VC44 Ireland Tel. +353 (0) 1 845 5031		A3		MEENBOG WIND FARM	
						DRAWN BY M. BROWNE		DATE 23/06/2026	SCALE 1:20	TITLE 110kV UNDERGROUND GRID CONNECTION CULVERT CROSSING DETAILS - COMMS LOWERED	
REV						CHECKED AND APPROVED L. POWER		DATE 23/06/2026	STATUS EXISTING	DRAWING NUMBER MNBG d042.2.5	
A	23/06/2026	M.B.	L.P.	FIRST ISSUE						REVISION A	

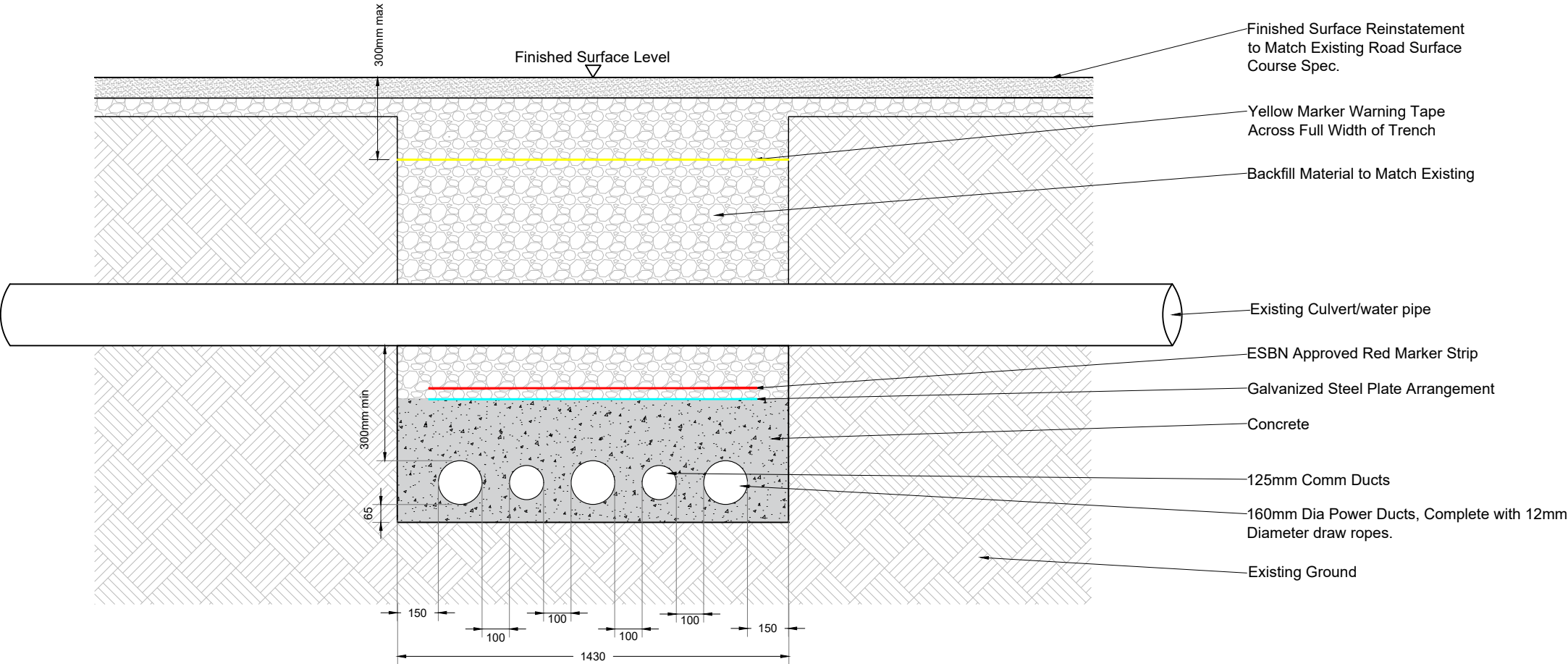


NOTES						ENGINEER AFRY AFRY Ireland Ltd. The Hyde Building, The Park, Carrickmines, D18VC44 Ireland Tel. +353 (0) 1 845 5031	CLIENT		PROJECT				MEENBOG WIND FARM			
									TITLE			REVISION				
									110kV UNDERGROUND GRID CONNECTION							
									CULVERT CROSSING - OVER - FLAT FORMATION							
									DRAWING NUMBER				A			
MNBG d042.2.6																
STATUS																
EXISTING																
DRAWN BY		DATE		PAPER SIZE		SCALE										
M. BROWNE		23/06/2026		A3		AS SHOWN										
CHECKED AND APPROVED		DATE		STATUS												
L. POWER		23/06/2026		EXISTING												
A	23/06/2026	M.B.	L.P.	FIRST ISSUE												
REV	DATE	DRAWN BY	CHECKED BY	DETAILS												



Longitudinal Section

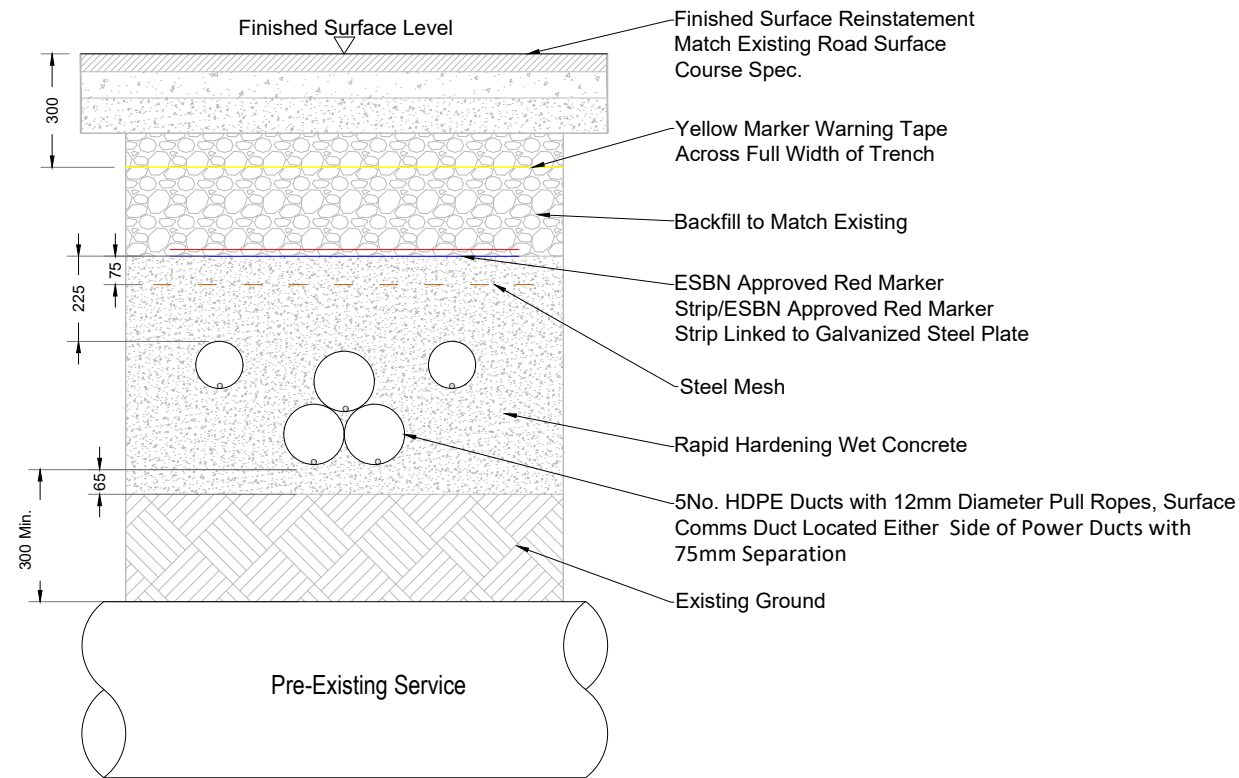
SCALE 1:40



Cross Section

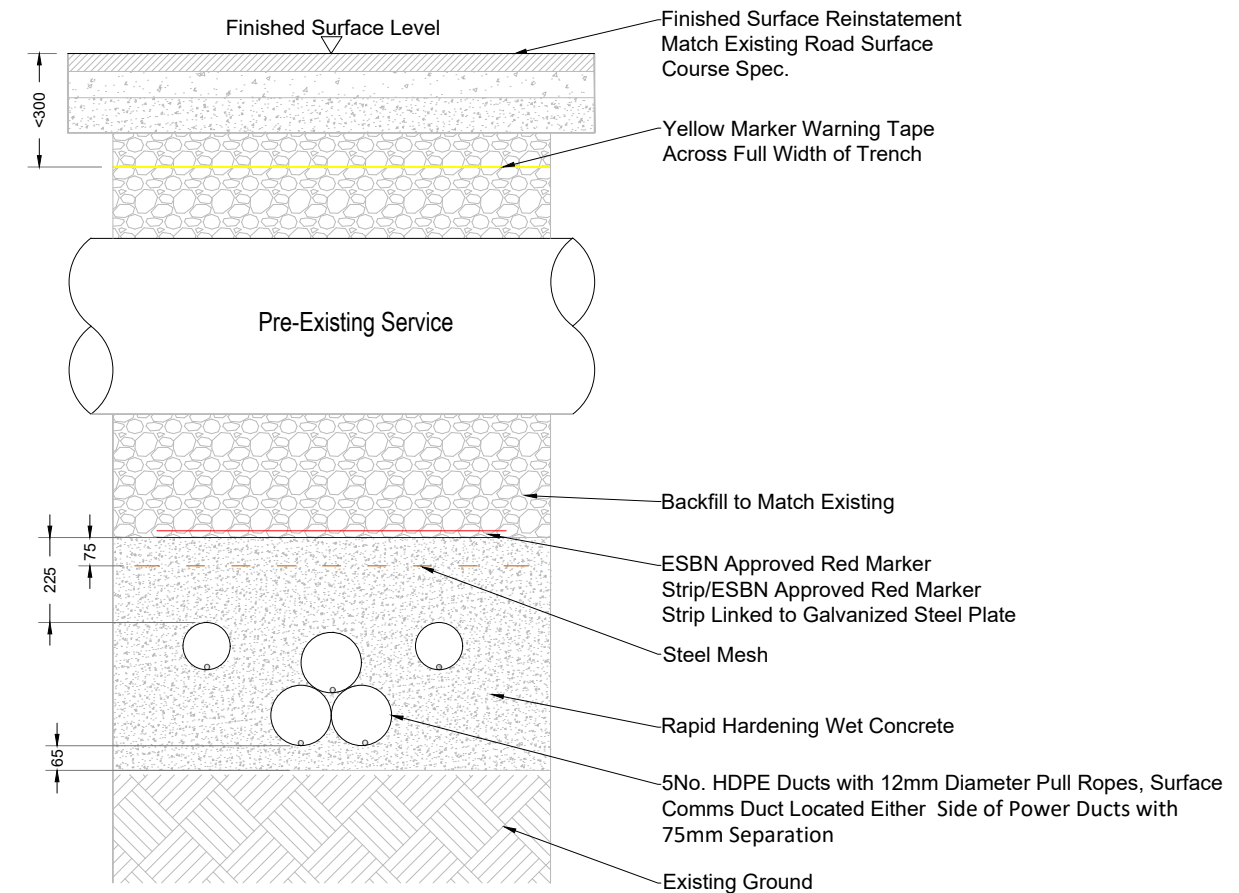
SCALE 1:20

NOTES					ENGINEER					CLIENT		PROJECT																											
					AFRY AFRY Ireland Ltd. The Hyde Building, The Park, Carrickmines, D18VC44 Ireland Tel. +353 (0) 1 845 5031							MEENBOG WIND FARM																											
					A					23/06/2026		M.B.		L.P.		FIRST ISSUE		DRAWN BY M. BROWNE		DATE 23/06/2026		PAPER SIZE A3		SCALE AS SHOWN		TITLE 110kV UNDERGROUND GRID CONNECTION CULVERT CROSSING - BELOW - FLAT FORMATION			REVISION A										
REV					DATE					DRAWN BY					CHECKED BY					DETAILS					CHECKED AND APPROVED L. POWER					DATE 23/06/2026		STATUS EXISTING		DRAWING NUMBER MNBG d042.2.7			Prelim. - 24/06/2026 10:14:08 C:\Users\j.mccann\Documents\MEENBOG\Drawings\MNBG D042 110kV Grid Route Cross Sections\MNBG D042 - 110 kV Grid Route - Culvert Cross Sections		



**110kV Underground Cable Trench Crossing Over
Other Services - Comms Lowered Formation**

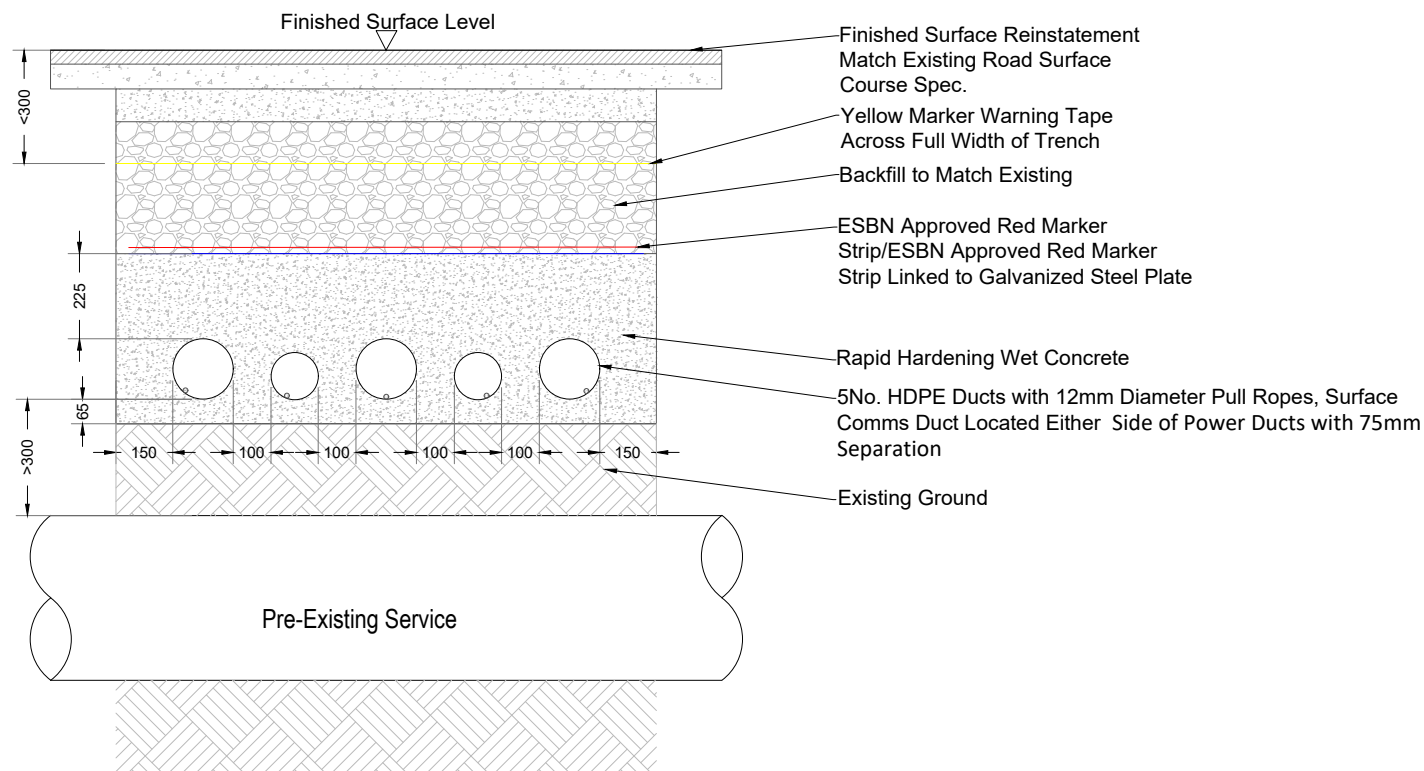
SCALE 1:20



**110kV Underground Cable Trench Crossing Below
Other Services - Comms Lowered Formation**

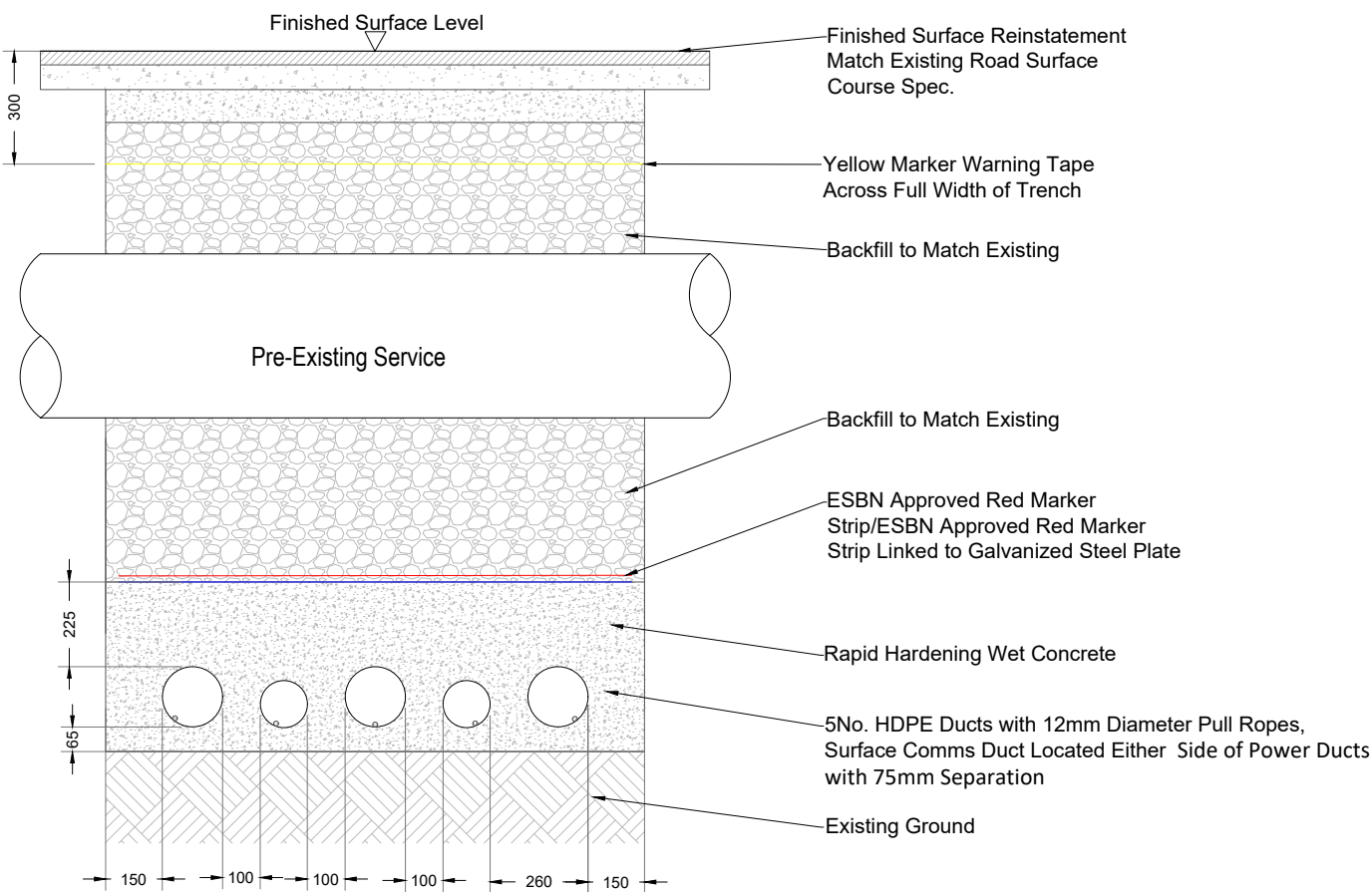
SCALE 1:20

NOTES						ENGINEER		PROJECT		CLIENT		PROJECT		
							AFRY AFRY Ireland Ltd. The Hyde Building, The Park, Carrickmines, D18VC44 Ireland Tel. +353 (0) 1 845 5031				MEENBOG WIND FARM			
							DRAWN BY M. BROWNE		DATE 23/06/2026	PAPER SIZE A3	SCALE 1:20	TITLE 110kV UNDERGROUND GRID CONNECTION STANDARD TRENCH DETAILS-SERVICE CROSSINGS 1		REVISION A
							CHECKED AND APPROVED L. POWER		DATE 23/06/2026	STATUS EXISTING		DRAWING NUMBER MNBGd042.2.8		
	REV	DATE	DRAWN BY	CHECKED BY		DETAILS								
	A	23/06/2026	M.B.	L.P.	FIRST ISSUE									



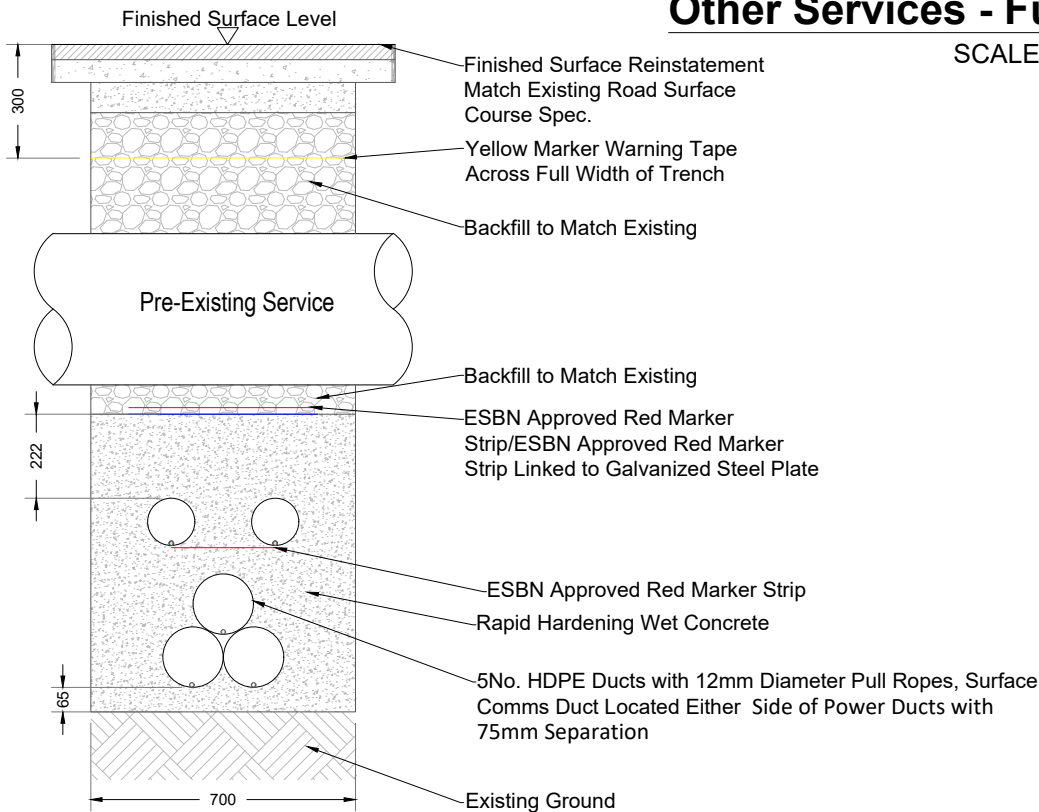
**110kV Underground Cable Trench Crossing Over
Other Services - Full Flat Formation**

SCALE 1:20



**110kV Underground Cable Trench Crossing Below
Other Services - Full Flat Formation**

SCALE 1:20



**110kV Underground Cable Trench Crossing
Below Other Services - Trefoil Formation**

SCALE 1:20

NOTES						ENGINEER		CLIENT		PROJECT	
								AFRY Ireland Ltd. The Hyde Building, The Park, Carrickmines, D18VC44 Ireland Tel. +353 (0) 1 845 5031		MEENBOG WIND FARM	
						DRAWN BY M. BROWNE		DATE 23/06/2026		PAPER SIZE A3	
						CHECKED AND APPROVED L. POWER		DATE 23/06/2026		SCALE 1:20	
								STATUS EXISTING		DRAWING NUMBER MNBGd042.2.9	
										REVISION A	
						REV A		DATE 23/06/2026		DRAWN BY M.B.	
										CHECKED BY L.P.	
										DETAILS FIRST ISSUE	