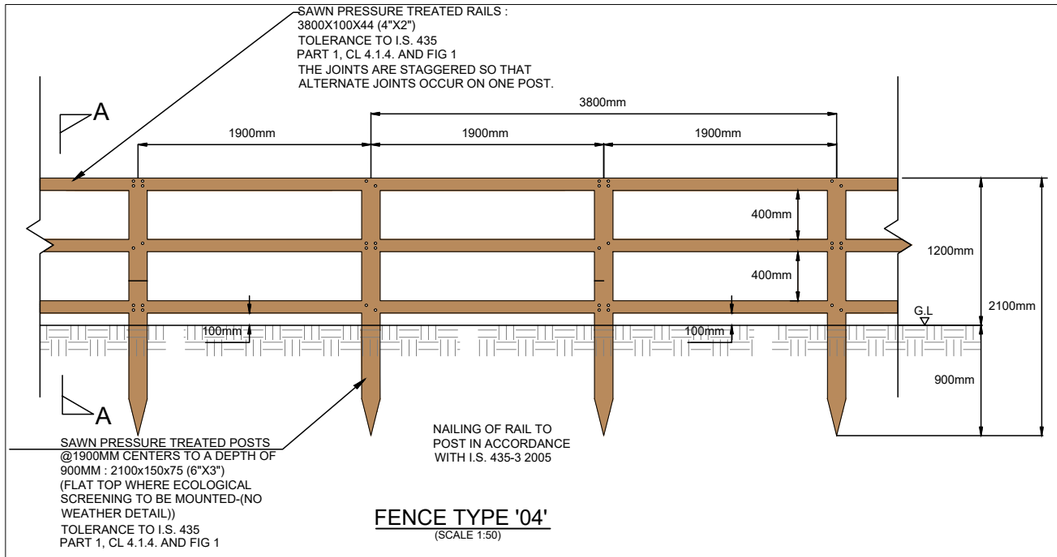
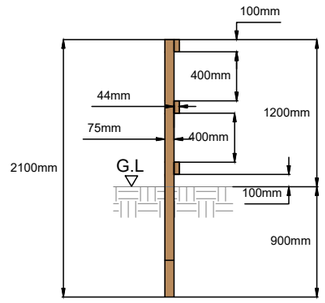


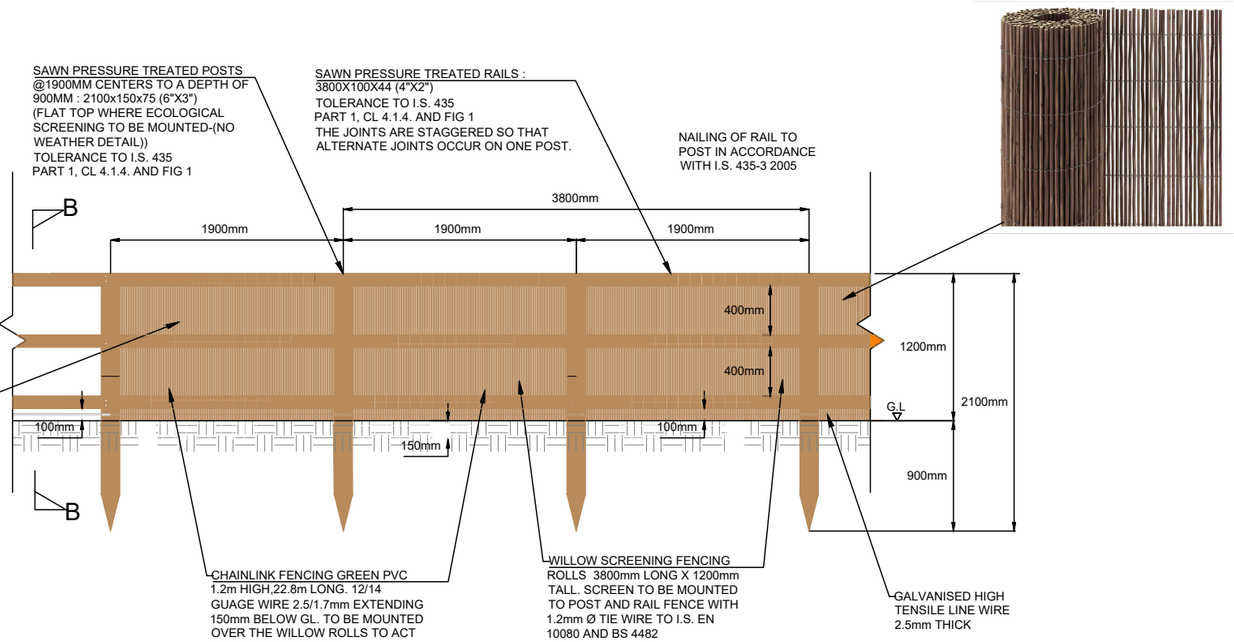
FENCE TYPE '04'
(SCALE 1:50)



SECTION A-A
(SCALE 1:50)

NOTES:

1. FENCES SHALL BE CONSTRUCTED AND ERECTED IN ACCORDANCE WITH CC-SPW-00300 & CC-GSW-00300.
2. ANY LENGTH OF FENCING (INCLUDING BRANCHES OR SPURS) SHALL START AND END WITH A STRAINING POST. ADDITIONAL STRAINING POSTS SHALL BE PROVIDED AT FENCE JUNCTIONS, CORNERS AND WHERE CURVES AND ANGLES EXCEED 10°. STRAINING POSTS ARE TO BE PROVIDED AT MAX 150 m SPACING. WHERE A FENCE CROSSES A LANDOWNER BOUNDARY (I.E. CHANGE IN OWNERSHIP AND BOUNDARY) AN ADDITIONAL STRAINING POST SHALL BE LOCATED ON THE BOUNDARY CENTER. IN OPEN BOG, STRAINING POSTS TO BE PROVIDED AT 20m C/C
3. WHERE STRAINING AND INTERMEDIATE POSTS ARE TO BE DRIVEN, THEY SHOULD BE POINTED AS PER SECTION 1.
4. STANDARD POST HOLES FALLING IN ROCK TO BE EXCAVATED TO THE DEPTH SHOWN ON THIS DRAWING OR, WITH THE EMPLOYERS REPRESENTATIVES APPROVAL, TO A DEPTH OF 0.5m, AND SHALL BE BACK FILLED WITH MIX ST2 CONCRETE, IN ACCORDANCE WITH IS EN 206-1. WHERE A REDUCED DEPTH OF HOLE IS AGREED, THE TOP OF THE POST SHALL BE SUITABLY CUT AND TREATED IN ACCORDANCE WITH THE RECOMMENDATIONS OF IS 435. END POST HOLES TO BE EXCAVATED TO 1.10m.
5. ALL FENCE POSTS SHALL BE TREATED WITH PRESERVATIVE IN ACCORDANCE WITH ANNEX B OF IS 435:1.
6. WHEN THE GROUND CROSS-FALL ACROSS A SECTION OF FENCE EXCEEDS 1:4, THE PERMANENT FENCE & FENCING POST HEIGHTS SHALL BE INCREASED BY A MINIMUM OF 0.25m
7. CURVES SHOULD BE AVOIDED WHERE POSSIBLE. WHERE A CURVE CANNOT BE AVOIDED THE WIRE SHOULD ALWAYS BE ON THE OUTSIDE OF THE CURVE WITH THE WIRE PRESSING AGAINST THE POST (REFER FIG 1).
8. WHERE A CURVE CANNOT BE AVOIDED AND THE CHANGE IN DIRECTION MEASURED AT EACH POST WITHIN THE CURVE IS GREATER THAN 10° , THE INTERMEDIATE POSTS SHALL BE REPLACED WITH STRAINING POSTS AND THE SPACING BE REDUCED TO 2M UNTIL THE CHANGE IN DIRECTION MEASURED AT THE POST IS <10°. SEE DETAIL 5.
9. WHERE A CHANGE IN HORIZONTAL DIRECTION OF THE FENCE LINE IS GREATER THAN 30 ° A DOUBLE END PPOST ASSEMBLY SHOULD BE INSTALLED E.G. AT FIELD CORNERS.
10. WILLOW ROLLS SHOULD BE TERMINATED AT AN END POST BY WRAPPING THE TIE WIRE AROUND THE END POST FIVE TIMES AND SECURING TIGHTLY.
11. CHAINLINK PVC FENCING SHOULD BE TERMINATED AT AN END POST BY WRAPPING THE TIE WIRE AROUND THE END POST FIVE TIMES AND SECURING TIGHTLY.
12. WHERE 2 SECTIONS OF WILLOW ROLLS ARE TO BE JOINED, THEY SHOULD MEET CENTRALLY ON AN INTERMEDIATE POST. THEY SHOULD BE WRAPPED TWICE TOGETHER WITH TIE WIRE AND THEN AROUND THE RAIL AND POST
13. WHERE THE FENCE IS REQUIRED TO BE MAMMAL RESISTANT, THE DETAIL IN CC-SCD-00324 SHALL BE USED.
14. WHERE THE FENCE IS REQUIRED TO TRAVERSE AN UNEVEN GROUND PROFILE, THE CONTRACTOR SHALL PRE-CLEAR A SMOOTH PATH FOR THE FENCE PRIOR TO ITS INSTALLATION. ADDITIONAL STRAINING POSTS WILL BE REQUIRED AT PEAKS AND TROUGHS IN AREAS OF SHARPLY UNDULATING TERRAIN TO PREVENT ANY SLACKNESS DEVELOPING IN THE FENCE. SUCH ADDITIONAL STRAINING POSTS TO BE FOUNDED IN MIX ST2 CONCRETE, IN ACCORDANCE WITH IS EN 206-1 TO AVOID THE RISK OF BECOMING LOOSE OVER THE LIFE OF THE FENCE. THE FENCE SHALL BE CUT AND RE-TENSIONED AT EACH ADDITIONAL STRAINING POST. AS GUIDANCE, IT IS NOT RECOMMENDED TO EXCEED A 4° CHANGE IN VERTICAL DIRECTION WHERE 4M POST SPACING IS PROVIDED.
15. IN AREAS OF POOR GROUND, INTERMEDIATE POSTS SHALL BE 2.5m X 0.17m DIAMETER POSTS TO PROVIDE ADDITIONAL RIGIDITY TO THE FENCE. WHERE THE PERFORMANCE OF THE FENCE MAY BE COMPROMISED BY POOR GROUND CONDITIONS, THE EXISTING GROUND SHALL BE EXCAVATED AND REINSTATED AS PER CC-SPW-00300.



FENCE TYPE '04' WITH ECOLOGICAL SCREENING & CHAINLINK GREEN PVC FENCING MOUNTED
(SCALE 1:50)

SECTION B-B
(SCALE 1:50)

END POST ASSEMBLY ELEVATION WITH WILLOW AND CHAINLINK MOUNTED
(SCALE 1:50)

END POST ASSEMBLY ELEVATION
(SCALE 1:50)

PROJECT TITLE:	**Ballydermot Wind Farm, Co. Offaly and Co. Kildare**
DRAWING TITLE:	**Amenity Track Screening Detail**
PROJECT No.: **250708**	DRAWING No.: **250708-77**
SCALE: **1:50 @ A3**	
DRAWN BY: **GO**	CHECKED BY: **RD**
DATE: **23.10.2026**	REVISION.: P03

Email: info@www.mkoireland.ie /Website: www.mkoireland.ie