GREAT WESTERN RAILWAY.

PLANS AND SECTIONS.

NOVEMBER 1910.

LOCOMOTIVE SUPERINTENDENT'S COPY

G.W.R.
LOCO. & C. & W. DEPT.
SWINDON.
G.W.R. 21-12-10

Engineer. W. W. GRIERSON,
Consulting Engineer, JAMES C. INGLIS.

20

31/F

GREAT WESTERN RAILWAY.

RAILWAY Nº I.

SESSION 1911.
GREAT WESTERN RAILWAY.
RAILWAY Nº I.

COUNTY OF CARMARTHEN
PARISH OF LLANDILO RURAL
In the Rural District of Llandilo Fawr

COUNTY OF GLAMORGAN
PARISH OF LLANGUICK
In the Rural District of Pontardawe

Commencement of Railway Nº1. and Junction with the Great Western Railway Company's Brynamman Branch Railway.

To Brynamman

To Gwaun-Leision

Glan Garnant

Termination of Railway Nº 1. and Junction with Railway Nº 7 authorised by the Great Western Railway Act 1904. Total Length 0 Miles 2 Furlongs 3·30 Chains

To Gwaun-cae-Gurwen

From Pantyffynnon

From Pantyffynnon

From Tir-Sir-Walter

County, Parish and Rural District

County, Parish & Rural District

From Ammanford

Boundary

Boundary

To Incline Sidings

Cors-y-Garnant Colliery

Gors-y-Garnant Halt

Datum Point

ELY R. CENTRE LINE OF DIVERSION OF RIVER. 40 FEET IN WIDTH

GREAT WESTERN RAILWAY COMPANY'S BRYNAMMAN BRANCH RAILWAY

GREAT WESTERN RAILWAY COMPANY'S GWAUN-CAE-GURWEN BRANCH RAILWAY

RAILWAY Nº 7 AUTHORISED BY THE GREAT WESTERN RAILWAY COMPANY'S GWAUN-CAE-GURWEN BRANCH RAILWAY

1 Furlong FURLONG

Deviation

Deviation

Deviation

RIVER

GARNANT

½ M.P.

½ M.P.

½ M.P.

½ Mile

2 Furlongs

1904

BRANCH RAILWAY

Boundary

To Incline Sidings

COUNTY OF CARMARTHEN
PARISH OF BETTWS
In the Rural District of Llandilo Fawr.

Railway Nº1 Commences

Railway Nº1 Terminates

To Brynamman

To Gwaun-Cae-Gurwen

GRADIENTS OF THE GREAT WESTERN RAILWAY COMPANY'S BRYNAMMAN BRANCH RAILWAY.

From Pantyffynnon — 1 IN 118·21 — 1 IN 83·9 — 1 IN 63·56 — 1 IN 66·37

GRADIENTS OF RAILWAY Nº 7 AUTHORISED BY THE GREAT WESTERN RAILWAY ACT 1904.

From Pantyffynnon — 1 IN 65·42 — 1 IN 43·8 — 1 IN 43·35 — 1 IN 40

GRADIENTS OF THE GREAT WESTERN RAILWAY COMPANY'S GWAUN-CAE-GURWEN BRANCH RAILWAY — 1 IN 75

Railway Crosses

Level of Rails

18·6

1 in 45

Incline to Level

From Tir-Sir-Walter

To Gwaun-Leision

Greatest Inclination of Present Road 1 in 45.
Greatest Inclination of Road when altered 1 in 45.

CROSS SECTION Nº 1.

Horizontal Scale for Plan Sections and Cross Section

Links 100 50 0 1 2 3 4 5 10 20 Chains

Commencement of Railway Nº 1. and Junction with the Great Western Railway Company's Brynamman Branch Railway

Line corresponding with Surface of Ground

Line corresponding with upper Surface of Rails

Road to be Lowered 3 Feet 6 Inches See Cross Section Nº 1. Arch 15 Feet Span 15 Feet high

15·6

River Garnant Arch 18 Feet Span 6 Feet high

36·0

Termination of Railway Nº 1. and Junction with Railway Nº 7. authorised by the Great Western Railway Act 1904.

1 IN 63·56 LEVEL — 1 IN 43·35 — 1 IN 40

179·12 — 177·57 — 177·57 — 205·43 — 208·73

Datum Line 185·6 Feet below the Ordinance Bench Mark shown thus ⊼ at point marked X on Plan such Bench Mark being 385·6 Feet above Ordinance Datum

1 Furlong — 2 Furlongs

Total Length 0 Miles 2 Furlongs 3·30 Chains

Vertical Scale for Sections and Cross Section

Feet 10 5 0 10 20 30 40 50 100 200 Feet

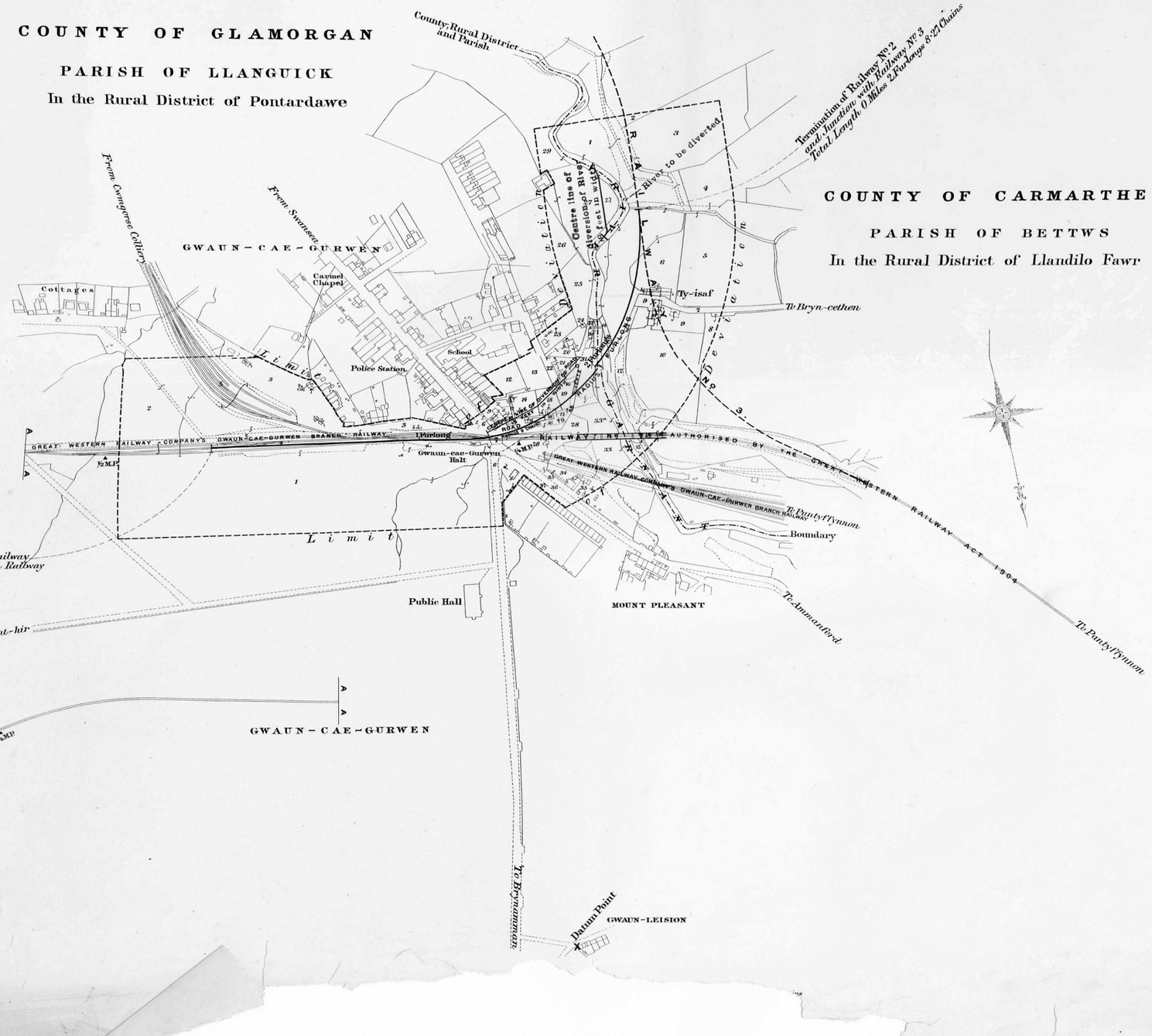
DEC. SELL & SON, 12TH & KING STS. ET. COVENT GARDEN.

SHEET Nº 2.

GREAT WESTERN RAILWAY.

SESSION 1911.
GREAT WESTERN RAILWAY.
RAILWAY Nº 2.

RAILWAY Nº 2.



GREAT WESTERN RAILWAY.

SHEET Nº 3.

SESSION 1911.
GREAT WESTERN RAILWAY.
RAILWAY Nº 2

RAILWAY Nº 2.

From Gwaun-Cae-Gurwen

GRADIENTS OF THE GREAT WESTERN RAILWAY COMPANY'S GWAUN-CAE-GURWEN BRANCH RAILWAY

1 IN 40 | 1 IN 84·4 | 1 IN 50·5 | 1 IN 58 | 1 IN 47 | Railway Nº 2 Commences | 1 IN 60 | 1 IN 104·2

GRADIENTS OF RAILWAY Nº 7 AUTHORISED BY THE GREAT WESTERN RAILWAY ACT 1904

1 IN 40 To Pantyffynnon

Commencement of Railway Nº 2 and Junction with the Great Western Railway Company's Gwaun-cae-Gurwen Branch Railway

Line corresponding with upper Surface of Rails

Line corresponding with surface of Ground

Road to be crossed on the Level See Cross Section Nº 1 Level Unaltered

Road to be Diverted see Cross Sections Nºs 1 and 1a

Road to be Diverted see Cross Section Nº 1 and 1a

River Garnant Arch 18 Feet Span 6 Feet high

Termination of Railway Nº 2 and Junction with Railway Nº 3

60'0" 29'3" 60'0" 88'6"

VIADUCT 27 YARDS

1 IN 47 | 1 IN 63·71 | 1 IN 147·64 | LEVEL

323·22 329·05 317·75 312·67 312·67

Datum Line 568·00 Feet below the Ordnance Bench Mark shewn thus ✕ at the point marked X on Plan such Bench Mark being 568·00 Feet above Ordnance Datum

1 Furlong | 2 Furlongs

Total Length 0 Miles 2 Furlongs 8·27 Chains

Diversion of Road Commences

Diversion of Road Terminates

1 IN 9

To Bryn-celhen

Greatest Inclination of Present Road 1 in 9

From Cottages

To Amanford

To Cwm-rant-hir

Railway Nº 2 Crosses

To Brynamman

From Swansea

Level of Rails

1 IN 40

Greatest Inclination of Present Road 1 in 40

CROSS SECTION Nº 1

Horizontal Scale for Section and Cross Sections

Commencement of Diversion of Road

Termination of Diversion of Road

1 IN 31·6

1 IN 12·27

Greatest Inclination of Diversion of Road 1 in 12·27

517·74 517·17 485·29

CROSS SECTION Nº 1A

0 | 2 Miles

GREAT WESTERN RAILWAY.

SHEET Nº 4.

SESSION 1911.
GREAT WESTERN RAILWAY.
RAILWAY Nº 3.

RAILWAY Nº 3.

COUNTY OF GLAMORGAN

PARISH OF LLANGUICK

In the Rural District of Pontardawe

To Gwaun-Cae-Gurwen Colliery

GWAUN-CAE-GURWEN

Mount Pleasant

Halt

From Ammanford

County Rural District and Parish

GREAT WESTERN RAILWAY COMPANY'S GWAUN-CAE-GURWEN BRANCH RAILWAY

VIADUCT OVER ROAD

RAILWAY Nº 3

RISED BY THE GREAT WESTERN RAILWAY ACT 1904

Ty-isaf

1 Furlong

RADIUS 1 FURLONG 2 CHAINS

Centre line of diversion of River 10 feet in width

River to be diverted

2 Furlongs

RADIUS 1 FURLONG 5 CHAINS

3 Furlongs

4 Furlongs

5 Furlongs

6 Furlongs

RADIUS 2 FURLONGS

7 Furlongs

NANT HIR

Limit of Deviation

From Brynamman

CWMGORSE

FOOTPATHS TO BE STOPPED UP

CENTRE LINES OF NEW FOOTPATHS 3 FEET IN WIDTH

RIVER GARW-NYZ

To Swansea

1 Mile

Boundary

Commencement of Railway Nº 3 and Junction with Railway Nº 7 authorised by the Great Western Railway Act 1904

To Bryn-cethen

From Pantyffynnon

COUNTY OF CARMARTHEN

PARISH OF BETTWS

In the Rural District of Llandilo Fawr

Scale

60 50 0 1 2 3 4 5 10 20 Chains

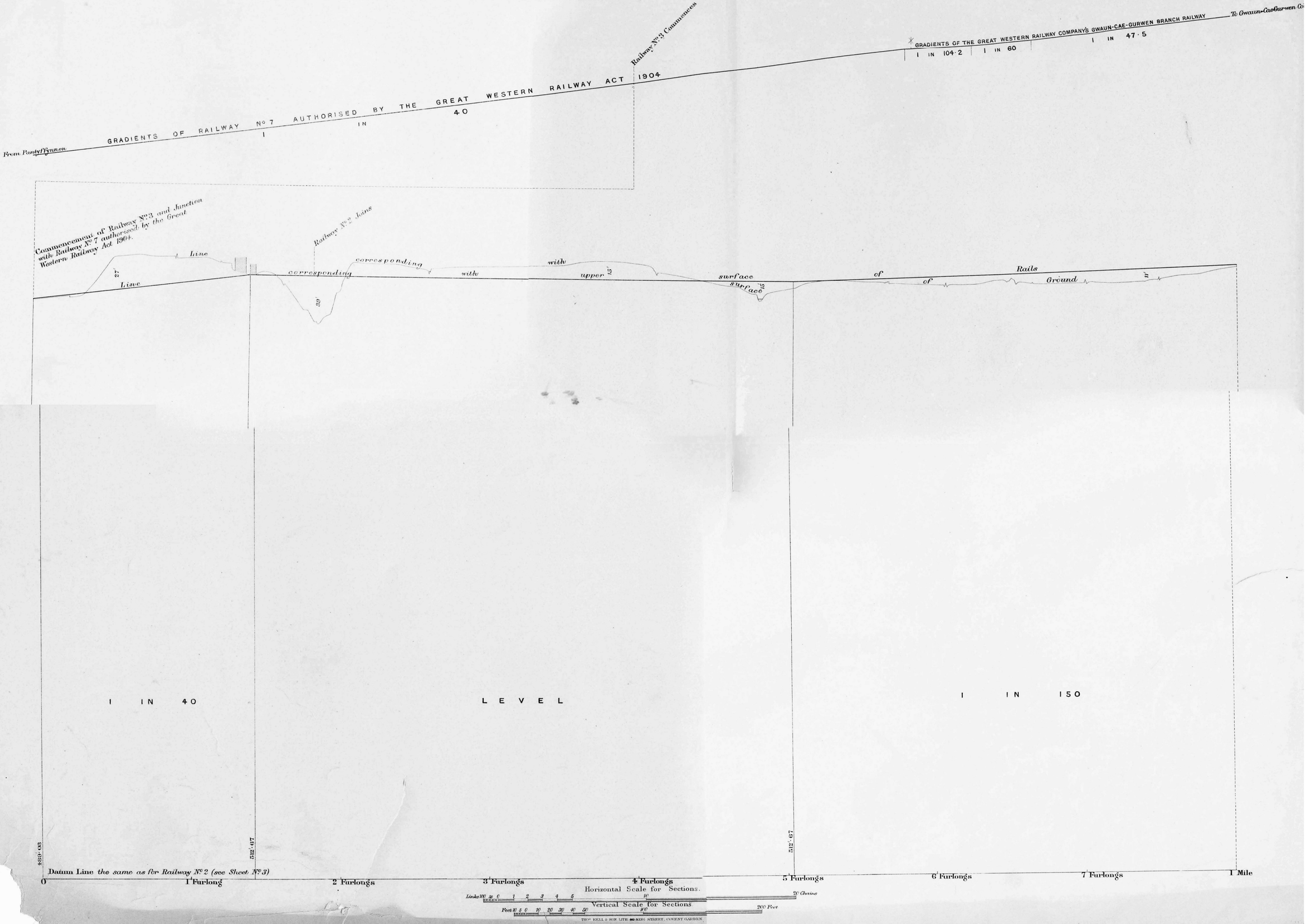
THOS. KELL & SON, LITH. 10 KING STREET, COVENT GARDEN

SHEET Nº 5.

GREAT WESTERN RAILWAY.

SESSION 1911.
GREAT WESTERN RAILWAY.
RAILWAY Nº 3.

RAILWAY Nº 3.



THOS BELL & SON LITH 80 KING STREET, COVENT GARDEN.

GREAT WESTERN RAILWAY.

SHEET Nº 6.

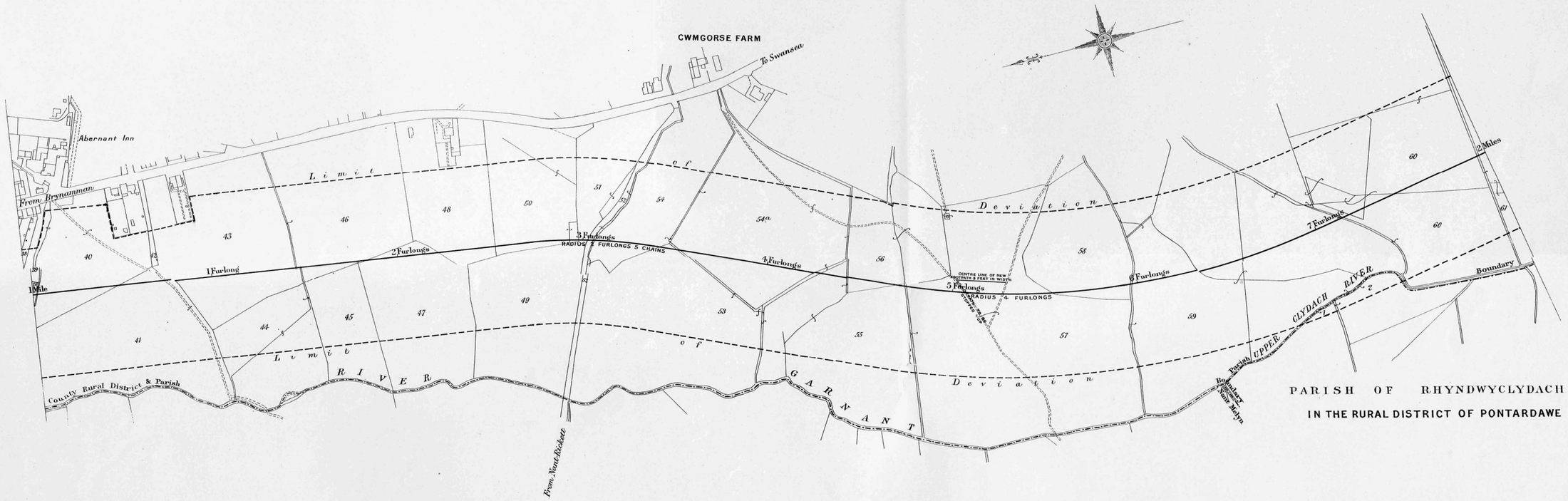
SESSION 1911.
GREAT WESTERN RAILWAY.
RAILWAY Nº 3.

RAILWAY Nº 3.

COUNTY OF GLAMORGAN

PARISH OF LLANGUICK

IN THE RURAL DISTRICT OF PONTARDAWE



COUNTY OF CARMARTHEN

PARISH OF BETTWS

IN THE RURAL DISTRICT OF LLANDILO FAWR

Scale

Links 100 50 0 1 2 3 4 5 10 20 Chains

THOT. BELL & SON, LITH. 40 KING STREET, COVENT GARDEN

GREAT WESTERN RAILWAY.

RAILWAY Nº 3.

SESSION 1911.
GREAT WESTERN RAILWAY.
RAILWAY Nº 3.



Horizontal Scale for Section

Links 100 50 0 1 2 3 4 5 10 20 Chains

Vertical Scale for Section

Feet 40 5 0 10 20 30 40 50 100 200 Feet

THOS. KELL & SON, LITH. 40, KING STREET, COVENT GARDEN

GREAT WESTERN RAILWAY.

SHEET Nº 8.

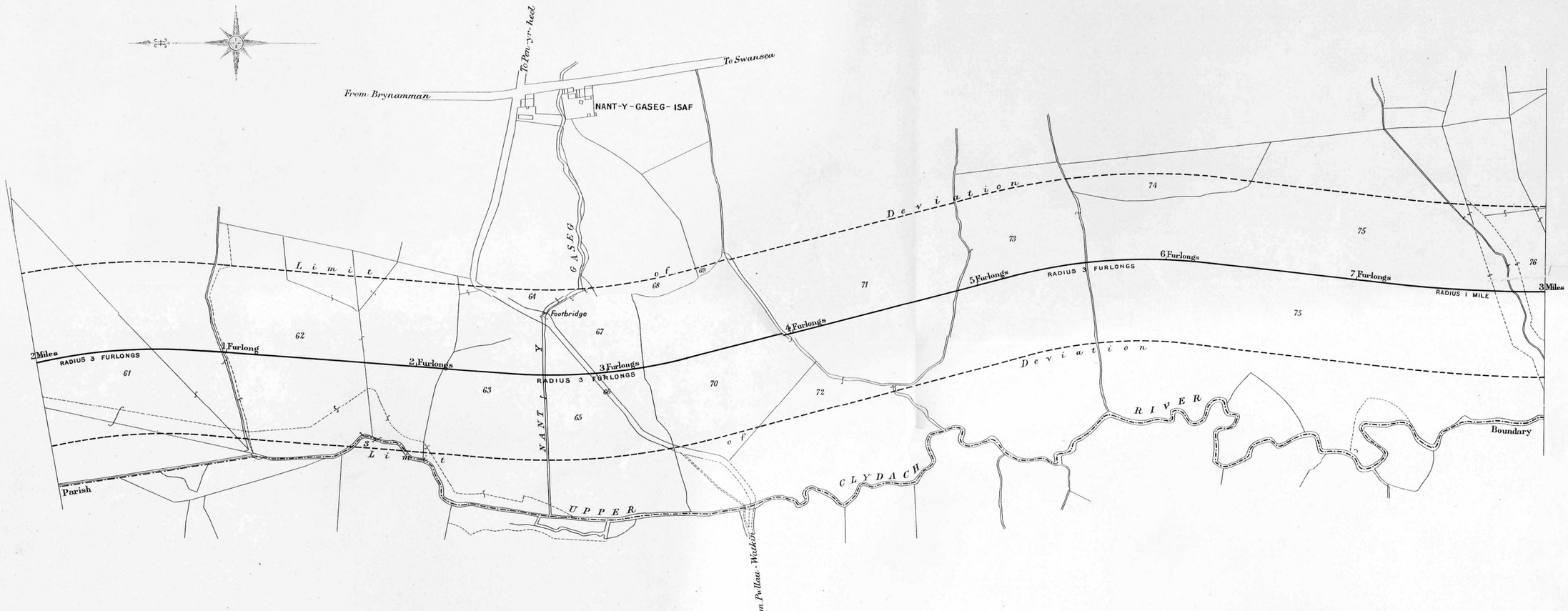
SESSION 1911.
GREAT WESTERN RAILWAY.
RAILWAY Nº 3.

RAILWAY Nº 3.

COUNTY OF GLAMORGAN

PARISH OF LLANGUICK

IN THE RURAL DISTRICT OF PONTARDAWE



PARISH OF RHYNDWYCLYDACH

IN THE RURAL DISTRICT OF PONTARDAWE

Scale

Links 100 50 0 1 2 3 4 5 10 20 Chains

THOS BELL & SONS, LITH. 30, KING STREET, COVENT GARDEN.