



180mm THICKNESS OF 32mm BINDER COURSE ASPHALT CONCRETE (RECIPE MIXTURES) CONFORMING TO BS EN 13108-1 AND CLAUSE 906 OF THE S.H.W. - AMENDMENT NOVEMBER 2008 WITH A MINIMUM AGGREGATE PSV VALUE OF 65 AND A MAXIMUM AAV OF 14. (AC32 DENSE BIN 45/60 PEN BINDER - PSV 65, AAV 14)

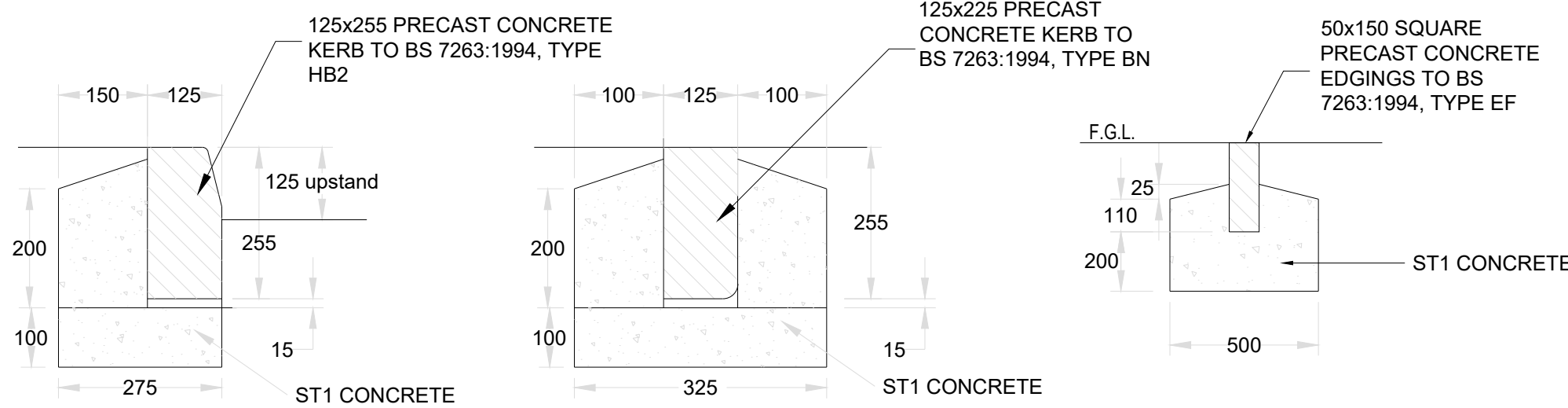
300mm THICKNESS OF TYPE 1 UNBOUND GRANULAR MATERIALS CONFORMING TO BS EN 13285:2003 AND CLAUSE 803 OF THE S.H.W. AMENDED NOVEMBER 2007 AND TRANSPORTED, LAID COMPACTED AND TRAFFICKED IN ACCORDANCE WITH CLAUSE 802 OF THE S.H.W., AMENDED NOVEMBER 2004.

CAPPING LAYER, WHERE CAPPING LAYER IS REQUIRED IN ADDITION TO THE SUB BASE LAYER BASED ON THE CBR VALUES THE CONTRACTOR SHALL PROVIDE THE REQUIRED THICKNESS IDENTIFIED IN THE ATTACHED CBR TABLE OF TYPE 1 UNBOUND GRANULAR MATERIALS CONFORMING TO BS EN 13285:2003 AND CLAUSE 803 OF THE SH.W., AMENDED NOVEMBER 2007 AND TRANSPORTED, LAID COMPACTED AND TRAFFICKED IN ACCORDANCE WITH CLAUSE 802 OF THE S.H.W., AMENDED NOVEMBER 2004. (BASED ON CBR VALUE 2-5%)

40mm THICKNESS OF WELSH GOVERNMENT STONE MASTIC ASPHALT (WGSMA) SURFACE COURSE, 10mm AGGREGATE CONFORMING TO PAG 112/20, BS EN 13108-5 AND SERIES 900 OF THE S.H.W. AMENDED AUGUST 2008. LAID ON TENSAR OR SIMILAR APPROVED REINFORCEMENT MESH FOR THE FULL WIDTH OF THE CARRIAGEWAY, TACK COURSE WITH BITUMEN EMULSION. N.B. LIMESTONE AGGREGATE WILL NOT BE PERMITTED IN ANY SURFACE COURSE)

60mm THICKNESS OF 20mm BINDER COURSE ASPHALT CONCRETE (RECIPE MIXTURES) CONFORMING TO BS EN 13108-1 AND CLAUSE 906 OF THE S.H.W. - AMENDMENT NOVEMBER 2008 WITH A MINIMUM AGGREGATE PSV VALUE OF 65 AND A MAXIMUM AAV OF 14. (AC20 DENSE BIN 45/60 PEN BINDER - PSV 65, AAV 14)

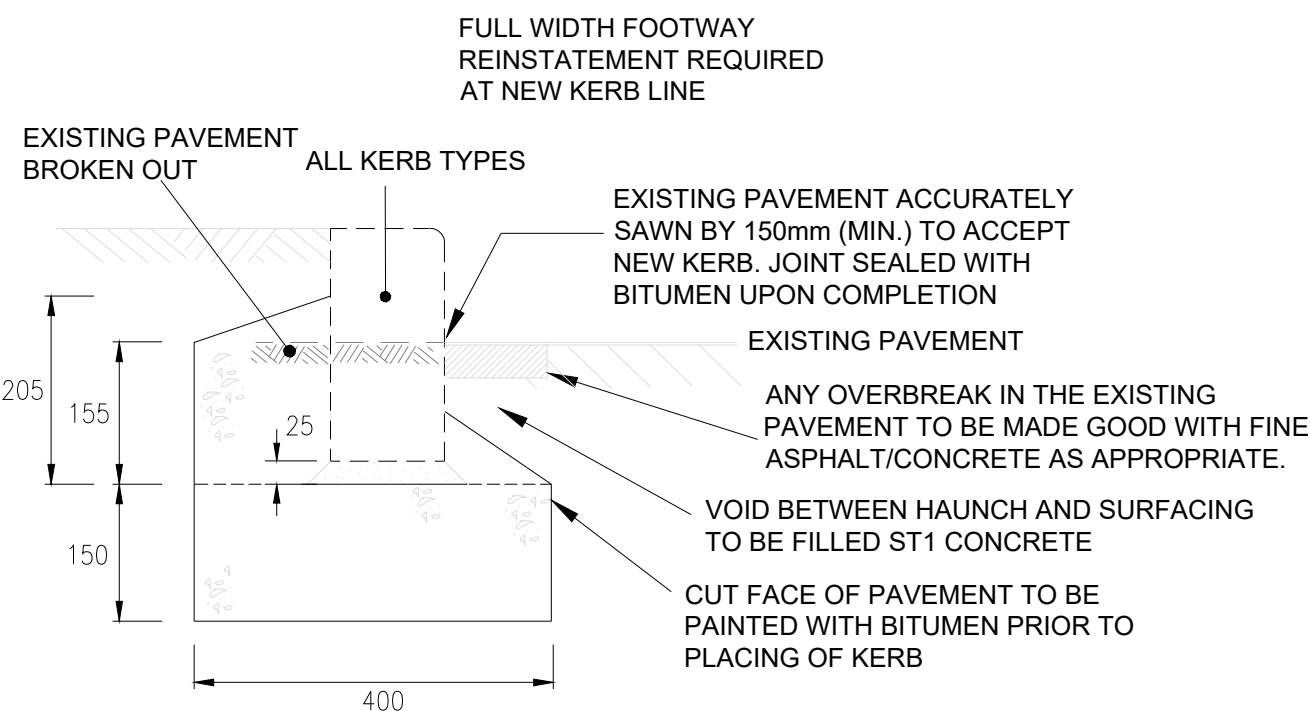
PROPOSED JUNCTION CONSTRUCTION DETAIL



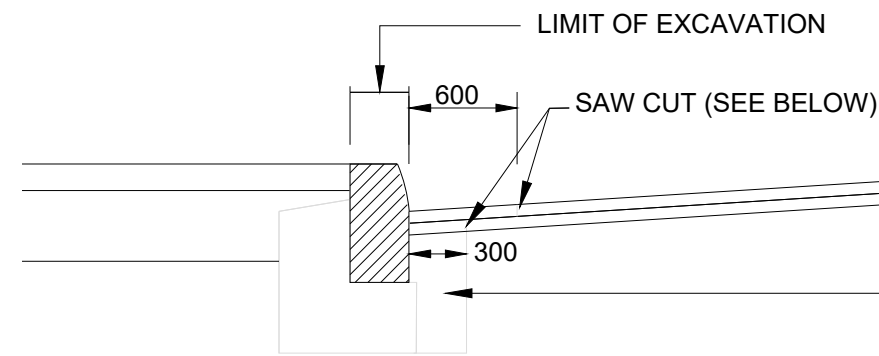
HALF BATTER KERB (HB2)

BULL NOSED KERB (BN) (INVERTED)

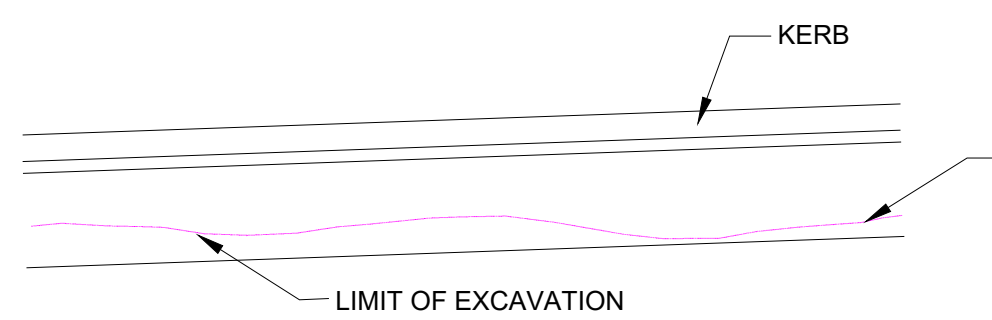
EDGING TYPE EF



DETAIL OF KERB TO BE CUT INTO EXISTING CARRIAGEWAY



REPLACEMENT OF KERBS



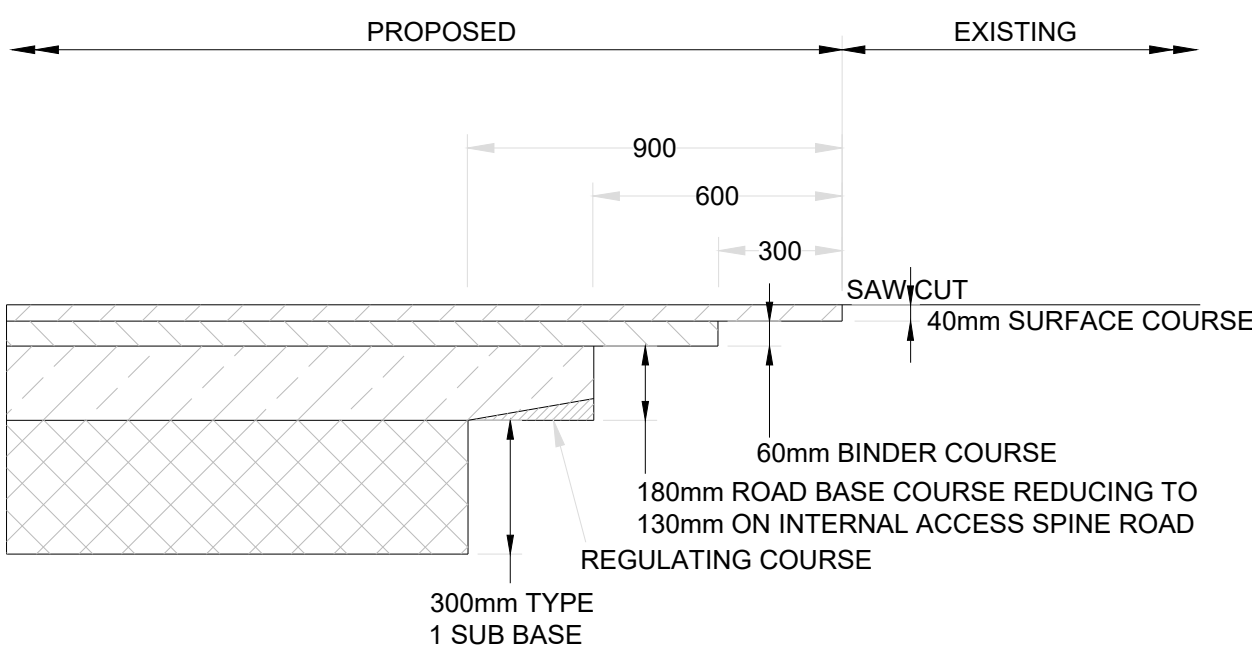
SECTION

EXCAVATION OVER THAT THEORETICALLY REQUIRED FOR THE KERB REPLACEMENT TO BE MADE UP, AT THE CONTRACTOR'S COST, IN C20 GRADE CONCRETE, DENSE BITUMEN MACADAM BASECOURSE & CLOSE GRADED MACADAM/H.R.A WEARING COURSE AS SPECIFIED IN THE CONTRACT DOCUMENTS.

PLAN

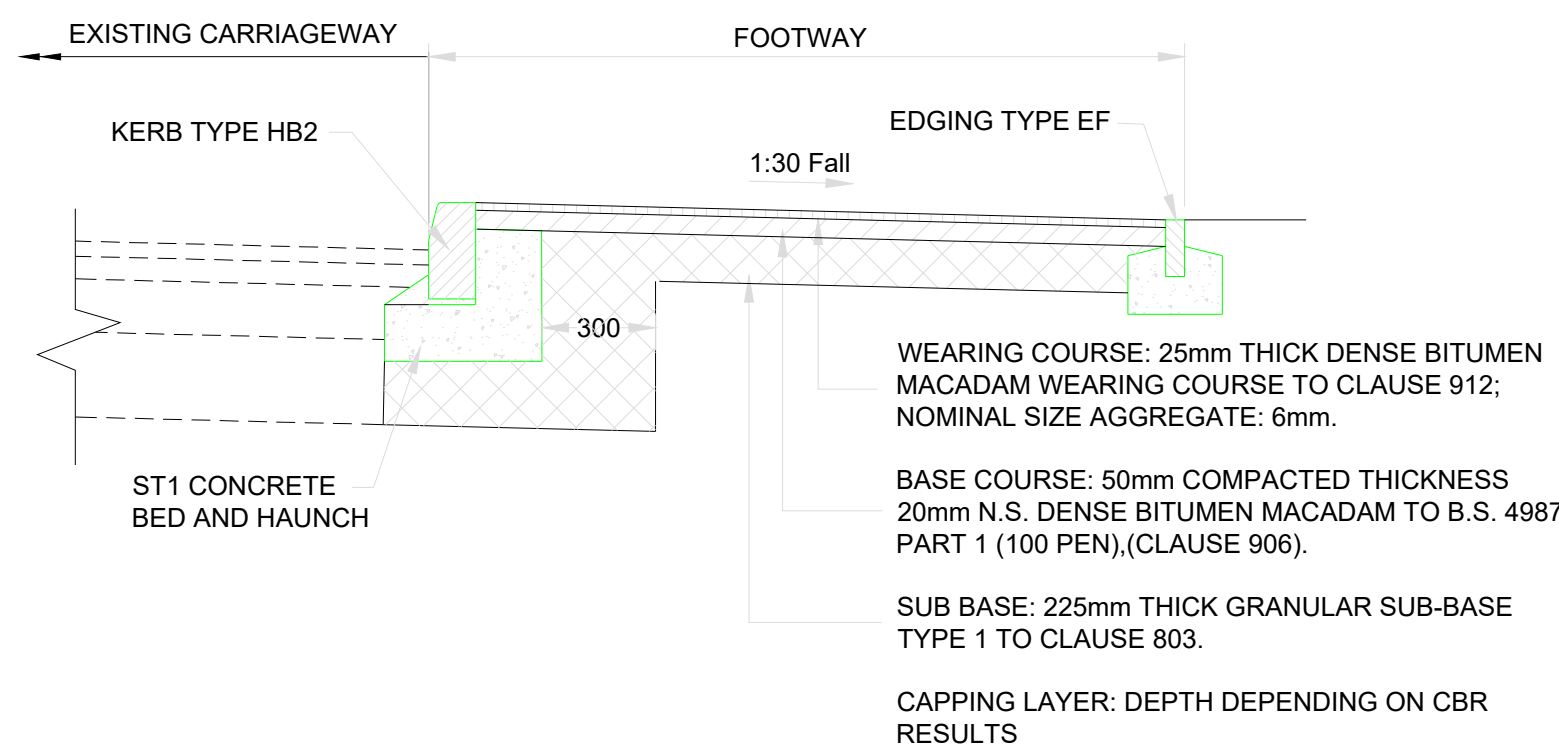
SAW CUT IN EXISTING CARRIAGEWAY TO UNDERSIDE OF BASECOURSE LEVEL. THE SAW CUT TO BE PARALLEL WITH THE NEW KERB LINE & AT A DISTANCE FROM THE KERB COMMENSURATE WITH THE MAXIMUM POINT OF EXCAVATION I.E. IN UNDISTURBED CARRIAGEWAY.

REINSTATEMENT/REPLACEMENT OF KERBLINE

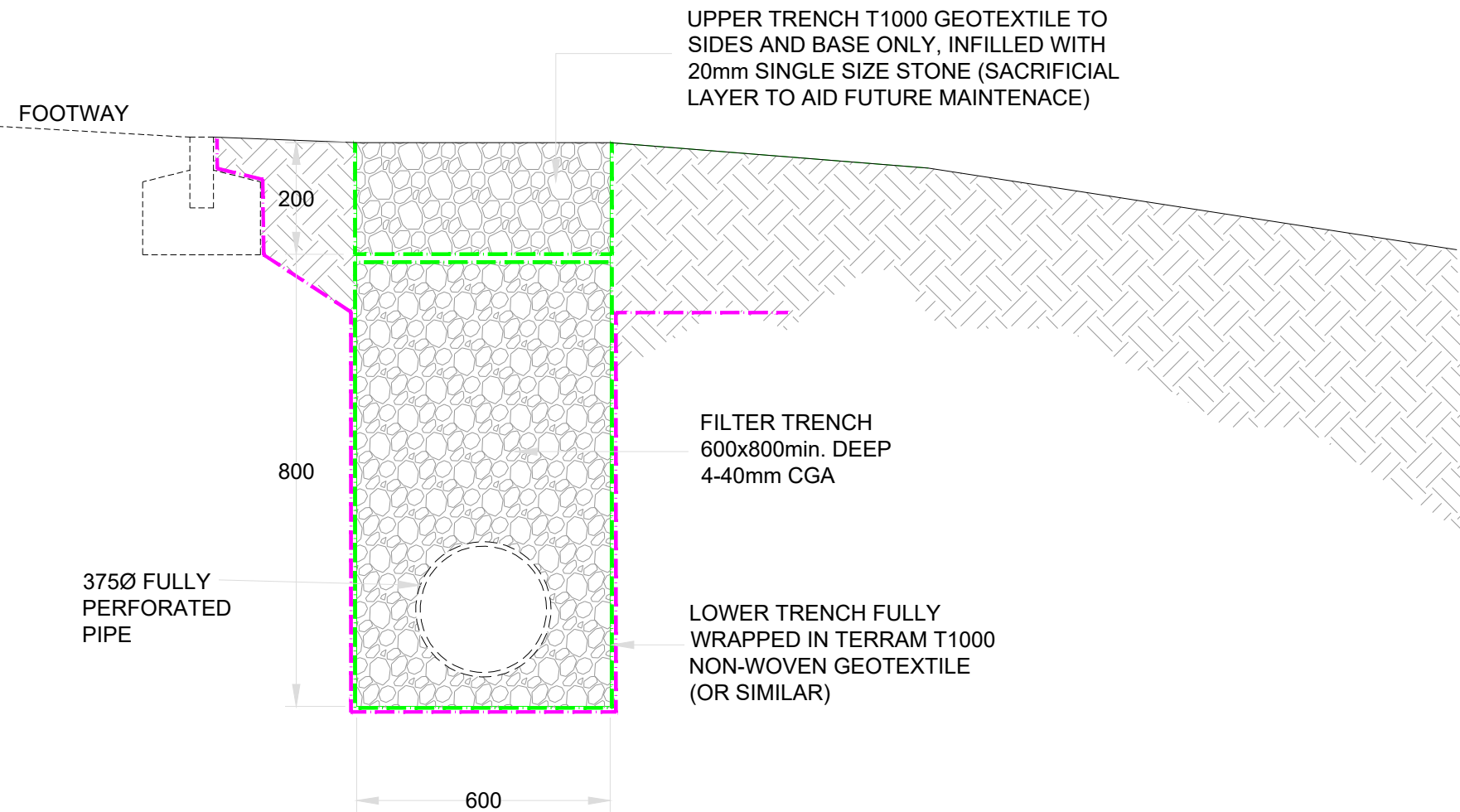


* PLANED DEPTH WILL VARY DEPENDING ON THICKNESS OF EXISTING ROAD CONSTRUCTION. ALL SURFACES TO BE TACK COATED AND ALL JOINTS SEALED

LONGITUDINAL CARRIAGEWAY TIE-IN DETAIL



FOOTWAY CONSTRUCTION DETAIL



TYPICAL FOOTWAY DRAINAGE GRIP DETAIL

GENERAL NOTES

- The contractor is to check and verify all buildings and site dimensions and levels, including existing sewer invert levels, before works start on site. The contractor is to comply in all aspects with the current building legislation, British Standards, building regulations etc.
- Positions of existing services/statutory undertakers apparatus adjacent to or crossing proposed excavations are to be checked by the contractor prior to starting work.
- This drawing is to be read in conjunction with and checked against all other drawings, engineering details, specifications and any structural, geotechnical or other specialist document provided.
- Any anomaly or contradictions between any of the above is to be reported immediately to PHG Consulting Engineers.

REV.	DATE	DETAILS	AMENDMENTS	BY.	CHK.

CLIENT:



CONSULTING ENGINEERS

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PROJECT:

Ysgubor Wyre, Llanrhystud

DRAWING TITLE:

Typical Highway Details

DRAWN:	CHK:	STATUS:	SCALE:
TL	SD		N.T.S @ A1
DATE:	JOB NO.	DRG. NO.	REV.
Feb25	2616	800	