

DO NOT SCALE



ALIGNMENT ROAD-1								
LOCATION	CHAINAGE	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
SP-1	0.000	297216.353	515564.659		316.02785			
TP-1a	46.133	297184.323	515597.860		316.02785			
IP-1		297168.277	515614.492	96.999		26.80260	45.376	23.111
TP-1b	91.508	297161.454	515636.573		342.83045			
TP-2a	143.505	297146.105	515686.253		342.83045			
IP-2		297134.624	515723.432	53.000		72.54355	67.105	38.892
TP-2b	210.610	297095.732	515723.607		270.28690			
IP-3		297039.439	515723.889	348.941		18.32885	111.626	56.294
TP-3b	322.236	296985.913	515705.454		251.95905			
IP-4		296965.283	515699.734	301.197		8.24037	43.319	21.697
TP-4b	365.554	296945.829	515690.127		243.71798			
JP-1	441.140	296878.057	515656.658		243.71798			

ALIGNMENT ROAD-2								
LOCATION	CHAINAGE	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JP-1	0.000	297178.000	515605.100		225.88763			
TP-1a	19.737	297163.829	515591.361		225.88763			
IP-1		297144.301	515573.429	84.400		35.72433	52.624	27.199
TP-1b	72.361	297117.393	515568.461		261.61196			
TP-2a	126.065	297064.264	515560.627		261.61196			
IP-2		297056.086	515559.421	104.418		9.05296	16.498	8.266
TP-2b	142.563	297048.200	515556.944		252.55930			
JP-2	150.341	297040.779	515554.613		252.55930			

ALIGNMENT ROAD-2-T								
LOCATION	CHAINAGE	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JP-1	0.000	297133.868	515572.620		160.31217			
TP-1a	9.232	297136.878	515581.927		160.31217			
IP-1		297137.794	515581.645	28.410		9.75147	4.835	2.424
EP-1	14.067	297138.985	515589.535		150.56070			

ALIGNMENT ROAD-3								
LOCATION	CHAINAGE	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JP-1	0.000	297160.447	515609.831		252.83045			
TP-1a	9.541	297151.332	515637.015		252.83045			
IP-1		297137.057	515632.604	195.600		8.73605	29.824	14.941
TP-1b	39.385	297122.278	515630.413		261.55650			
TP-2a	76.104	297085.938	515625.025		261.55650			
IP-2		297070.010	515622.684	204.400		9.00720	32.133	16.100
TP-2b	108.236	297054.651	515617.839		252.55930			
JP-2	140.420	297023.948	515608.192		252.55930			

ALIGNMENT ROAD-10								
LOCATION	CHAINAGE	EASTING	NORTHING	RADIUS	BEARING	ANGLE	ARC LENGTH	TANL
JP-1	0.000	297065.490	515722.448		172.77694			
JP-2	99.546	297078.007	515623.690		172.77694			

JUNCTION DETAILS: ROAD-10 - ROAD-1 LH Side					
Curve 1	E	N	Level	Radius	
Centre 01 :	297075.038	515734.082	94.175	6.000	
Start TP1:	297074.683	515720.072	94.175		
End TP2:	297069.065	515713.327	93.858		

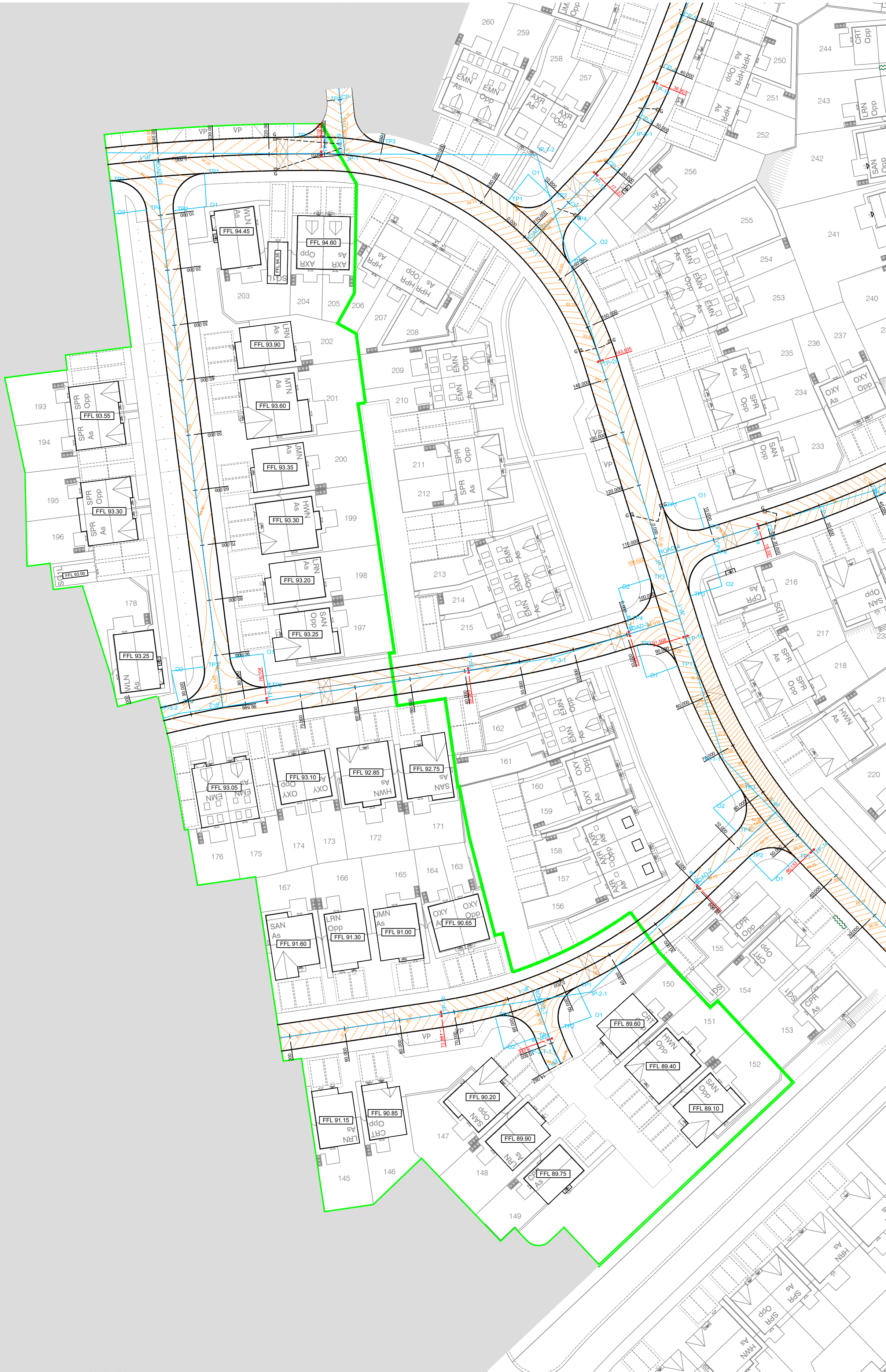
JUNCTION DETAILS: ROAD-10 - ROAD-1 RH Side					
Curve 2	E	N	Level	Radius	
Centre 02 :	297058.255	515732.728	93.887	6.000	
Start TP3:	297057.624	515718.695	93.887		
End TP4:	297064.207	515713.482	93.871		

JUNCTION DETAILS: ROAD-10 - ROAD-3 LH Side					
Curve 1	E	N	Level	Radius	
Centre 01 :	297085.242	515633.414	93.003	6.000	
Start TP1:	297079.289	515632.459	93.003		
End TP2:	297086.121	515627.479	93.170		

JUNCTION DETAILS: ROAD-10 - ROAD-3 RH Side					
Curve 2	E	N	Level	Radius	
Centre 02 :	297068.698	515630.331	93.015	6.000	
Start TP3:	297074.650	515631.085	93.015		
End TP4:	297070.029	515624.481	93.063		

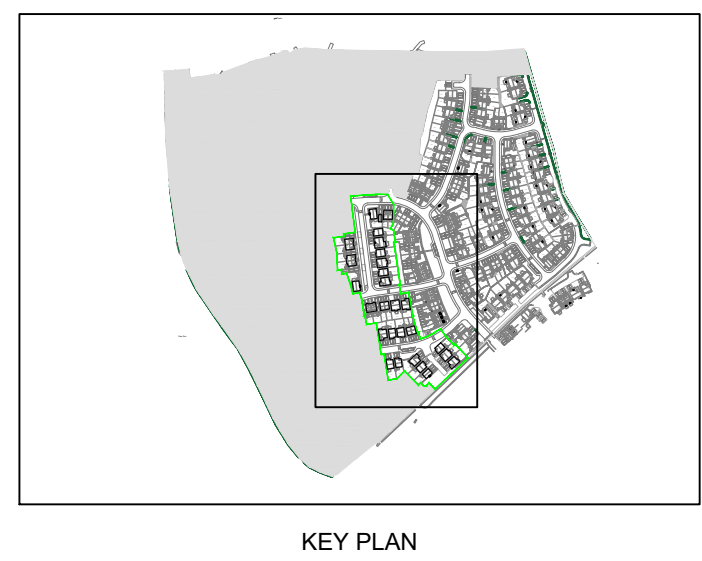
JUNCTION DETAILS: ROAD-2-T - ROAD-2 LH Side					
Curve 1	E	N	Level	Radius	
Centre 01 :	297144.467	515567.931	89.845	6.000	
Start TP1:	297141.920	515573.364	89.845		
End TP2:	297138.818	515565.910	89.911		

JUNCTION DETAILS: ROAD-2-T - ROAD-2 RH Side					
Curve 2	E	N	Level	Radius	
Centre 02 :	297128.672	515562.207	90.270	6.000	
Start TP3:	297127.146	515568.010	90.270		
End TP4:	297134.321	515564.228	89.849		



**Design based on Layout:**  
**Edgehill Park, Whitehaven Site Layout**  
**Plan, 3b Master dated 24.08.22**


**Grid/Level datum based on Topo:**  
**230720-EHP-SH-TOPO-001, Edgehill Park**  
**Topographic Survey, dated 23.07.20**  
**Rev: -**



- Coopers Drawing List:
- 7503-3B / 01 Proposed Drainage Layout
  - 7503-3B / 02 Proposed Highway Setting Out
  - 7503-3B / 03 Proposed Highway Layout
  - 7503-3B / 04 Proposed Highway Longsections
  - 7503-3B / 05 Highway Construction Details
  - 7503-3B / 06 S38 Agreement Plan
  - 7503-3B / 07 External Works Layout
  - 7503-3B / 08 Private Drainage Layout
  - 7503-3B / 09 Drainage Construction Details
  - 7503-3B / 10 Manhole Schedules
  - 7503-3B / 11 Surface Water Manhole Details
  - 7503-3B / 12 Surface Water Catchment Areas
  - 7503-3B / 13 Proposed Cut and Fill Earthworks
  - 7503-3B / 14 Surface Finishes

- ### Notes
- This drawing is to be read in conjunction with all relevant approved Architects/Planning/Designers drawings and details.
  - Setting out shall be undertaken using only the information given. Distances should not be scaled from this drawing.
  - It is the responsibility of the Contractor to verify all information given with regards to existing services and drainage connections etc. prior to commencing the works. The rates shall include for hand dig around services where necessary. The Contractor shall adhere to the CDM Regulations at all times
  - The Contractor shall comply with the following:-
    - All operations should be carried out in accordance with the General Health and Safety Policy of the Developer as required by Sections 2 of the Health and Safety at Work Act 1974 and in particular the Construction (General Provisions) Regulations.
    - The Local Authority and service companies are to be notified prior to commencement of work on site.
    - Prior to construction the actual positions and depths of services likely to be affected by the works should be established by means of hand dig in close liaison with the service companies. The Contractor shall immediately advise the Adopting Engineer of any services exposed which may affect the design.
    - All operatives working on the highway must have street works accreditation. Which must be first checked and approved by the Highways Authority before any works are commenced.
  - The Contractor and/or Developer are entirely responsible for compliance with the Health and Safety at Work Act. He shall be specifically responsible for all temporary works and for the stability of the affected land and structures.
  - CBR values to be determined on site with the Highways Authority at the time of construction and CBR testing carried out as necessary by an independent UKAS laboratory.
  - The Contractor shall check all road and pavement levels before commencing the permanent adoptable works. The Adopting Engineer shall be informed immediately if any levels do not tie-in or will lead to areas of standing water. If this occurs the Developer will have to correct such problems, at his own cost, after first agreeing the necessary remedial measures required with the Adopting Engineer.
  - No limestone aggregate to be permitted in any wearing courses whether permanent wearing course or temporary.
  - All materials to be kite marked where applicable.
  - All final wearing courses must only be laid once construction operations on site have been completed. All permanent kerbing shall not be installed until the final wearing course is ready for laying and all permanent kerb lines must first be approved by the Adopting Engineer accordingly. All delivery tickets will be provided for all wearing course material laid.
  - The final thickness of sub-base materials required shall be determined by on site tests to the approval of the Engineer. Soft spots below formation and unsatisfactory sub-grade materials shall be excavated and replaced with selected fill Type 1 material to formation level.
  - Bitumen Materials shall comply with BS EN 13108-1
  - Hot bond coat to be applied between flexible carriageway layers and joints over banded.
  - Minimum 500mm carriageway construction for non frost susceptible protection.
  - Refer to Coopers Drawing No.7503-3A / 05 for highway construction details.

APPROVAL

A	26.08.22	Updated to suit revised layout	PW	AJ
Rev.	Date	Revision	By	Appd.
 chartered consulting engineers				
Tel: 01244 684910 Email: admin@coopers.co.uk Web: http://coopers.co.uk				
Park House Sandpiper Court Chester Business Park Chester CH4 9QU				
Client				
				
Project				
EDGEHILL PARK, CUMBRIA, PHASE 3B				
Title				
Proposed Highway Setting Out				
DRAWING NUMBER				
7503-3B / 02				
SCALE at A1 1:500				
DATE 04.08.22				
DRAWN PJN				
CHECKED JAR				
REVISION				
A				