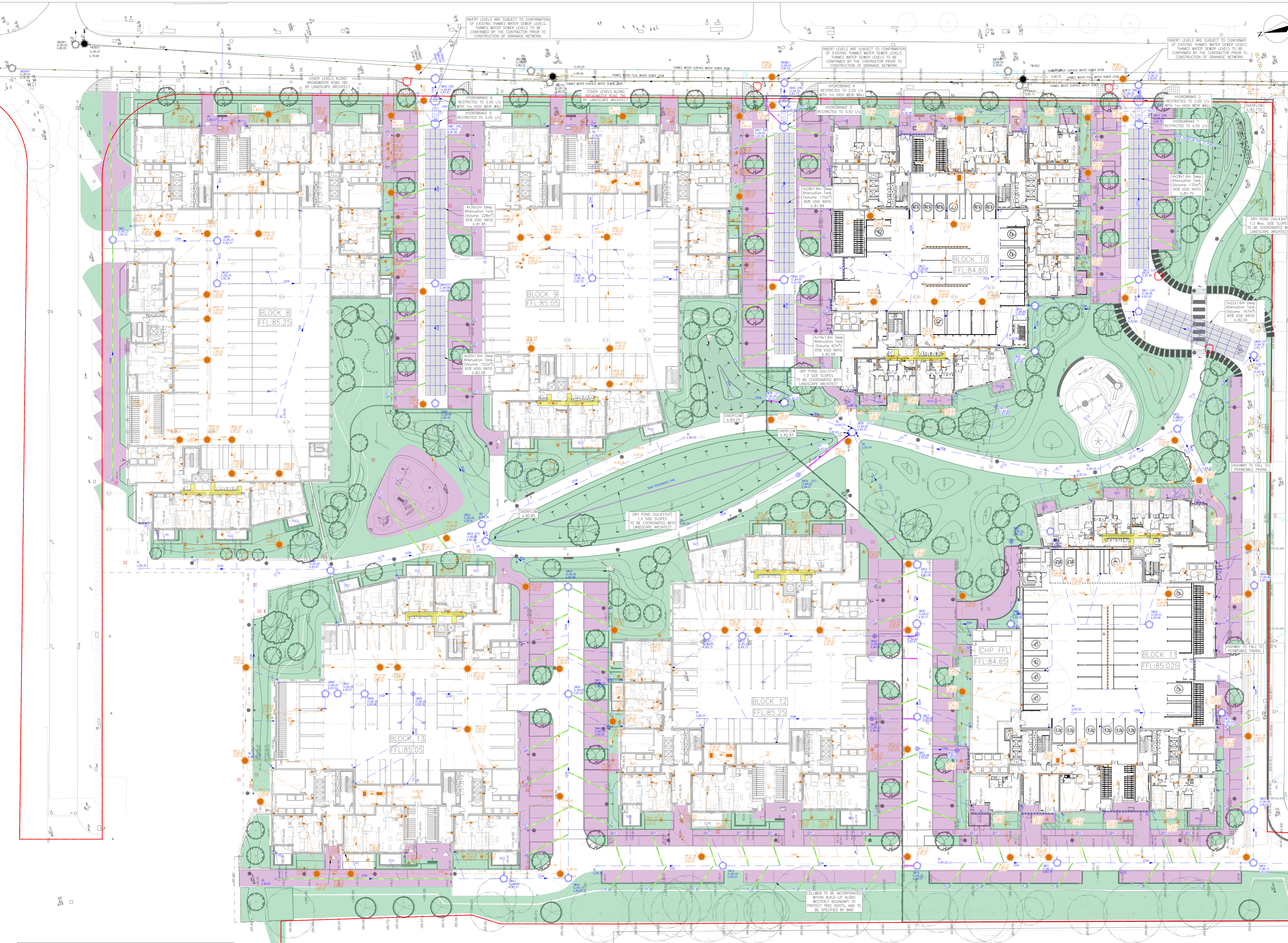




- GENERAL NOTES:**
- This drawing is to be read in conjunction with all relevant Architects and Engineers drawings and specifications.
 - Do not scale from this drawing. All details and dimensions and levels are to be checked by the contractor prior to commencement of construction. Any discrepancies are to be reported to the Engineer.
 - All levels are in meters & dimensions in millimeters unless noted otherwise.
 - Design based on topographical survey and CCTV survey information available at the time of design. All existing sewers, connections, pipe sizes and invert levels to be confirmed by contractor prior to commencement of works to ensure connectivity. Any variance from the information shown should be reported to the Engineer for review.
 - Where existing drainage is being used, allowances should be made to remediate this drainage in line with available CCTV survey information.
 - Where there is no requirement to keep existing drainage, allowances should be made to abandon this in line with Curtins drainage specification.
 - Any new gully and external surface water inlet positions and associated falls to them are shown indicatively and to be designed set out by the Landscape Architect.
 - Cover levels should be confirmed against Landscape Architects level design. Any discrepancy should be confirmed against the Engineer ASAP.
 - All internal drainage points are shown indicatively and are to be designed and set out by the M&E Engineer.
 - Any drainage runs and their connections damaged through construction works should be replaced to sufficient standard.
 - Division and abandonment of services associated with these designs by others. Lateral connections from internal drain points should be sized to match above ground designs, with minimum size of 100mm.
 - Surface water restricted to 0.000m AOD and shall be designed to the 1 in 1 in 30 and 1 in 100 year event. Discharge rates agreed with LPA and summarised in the Drainage Strategy Report (066571-CUR-00-XX-RP-D-92001).
 - S100 Application required for new connection to public sewer.
 - Surface water network modelled. Results shown in the Drainage Strategy Report (066571-CUR-00-XX-RP-D-92001).

KEY:

PRIVATE DRAINAGE

- 1500 — SURFACE WATER DRAIN
- SW20 CL.28.29 L.27.88 — S100 SURFACE WATER CHAMBER
- SW20 CL.28.29 L.27.88 — FOC SURFACE WATER CHAMBER
- SW20 (CP) CL.28.29 L.27.88 — FOC SURFACE WATER CATCHPIT
- R — RAIN WATER DOWN PIPE
- RE — RECODING EYE
- YG — YARD GULLY, 1000 OUTLET
- RD — ROAD GULLY, 1000 OUTLET
- SU — SLOTTED DRAIN AND SUMP/GULLY UNIT
- RO20 — SLOTTED CHANNEL DRAIN AND ROAD GULLY
- TD — THRESHOLD SLOT DRAIN AND SUMP/GULLY UNIT
- PERMEABLE PAVING SURFACE WATER OUTLET PIPE
- BD — PROPOSED BACKDROP
- SCS SLOTTED BELOW GROUND SURFACE WATER ATTENUATION STORAGE SYSTEM
- KINGSPIRE BYPASS SEPARATOR REF: N08010 (TEL: +44(0) 28 3836 4400)
- PROPOSED GREEN AREA
- PROPOSED PERMEABLE PAVING 400mm TYPE 3
- 1500 — FOUL WATER DRAIN
- FW20 CL.28.29 L.27.45 — FOC FOUL WATER CHAMBER
- BD — BACK DROP
- SS — STUB STACK
- SVP — SOIL AND VENT PIPE
- FG — TRAPPED FOUL GULLY, 1000 OUTLET
- SU — CHANNEL DRAIN AND SUMP/GULLY UNIT
- FOUL WATER DRAIN CAPPED OFF AT BOUNDARY
- SURFACE WATER DRAIN CAPPED OFF AT BOUNDARY
- 2m WIDE SHALE DRAINAGE

EXISTING DRAINAGE

- 1500 — SURFACE WATER DRAIN TO REMAIN
- 1500 — FOUL WATER DRAIN TO REMAIN
- 1500 — COMBINED DRAIN TO REMAIN

GENERAL

- 1000mm DEEP GROUND BEAM (BENEATH 300mm SLAB)
- ALL OTHER GROUND BEAMS 600mm

SURFACE WATER TO BE RESTRICTED TO GREENFIELD RUN OFF RATES FOR THE 1 IN 1, 1 IN 30 AND 1 IN 100 YEAR EVENT. PERMITTED DISCHARGE RATES SUMMARISED IN DRAINAGE STRATEGY REPORT (066571-CUR-00-XX-RP-D-92001)

P06	DRAINAGE REVISED TO LATEST MODEL	10.01.20	NH	MS
P05	STAGE 4 COMPLETE ISSUE	10.12.18	NH	LG
P04	DRAINAGE REVISED TO SUIT NEW LANDSCAPE	22.11.18	NH	LG
P03	PODIUM AREA DRAINAGE RATIONALISED	26.10.18	NH	LG
P02	GULLY LOCATIONS REVISED	03.10.18	NH	TL
P01	STAGE 4 ISSUE	28.08.18	FD	AS
T02	FOUL NETWORK REVISED TO GRAVITY	01.08.18	NMH	AS
T01	STAGE 3 ISSUE	20.04.18	DSR	AS
Rev	Description	Date	By	Chk

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Birmingham - Bristol - Cambridge - Cardiff - Glasgow - London - Manchester - Newcastle - Nottingham - Oxford - Plymouth - Southampton - Swansea - Wolverhampton

STAGE 4

SHREDDED WHEAT, METROPOLITAN

Proj Title

PROPOSED DRAINAGE LAYOUT

Size	Date	Drawn By	Designed By	Checked By
A0	20.04.2018	D.ROUFE	A.SMITH	R.UPTON
Scale: 1:250				
Project No:	Originator	Zone	Level	Type
066571 - CUR - 00 - 00 - 00	Displine	Category	Number	Rev
066571 - CUR - 00 - 00 - 00 - 00	DR - C	- 90001	- P06	