

New Prison North Wales

Planning Conditions

Reserve Matter Condition 7 & 8

Supplementary Information (Green Text)

19th August 2014

Document control

Version No.	Date of first issue	Purpose of issue	Amendment summary
V01	29/07/2014	Reserve Matter Discharge	First Issue
V02	19/08/2014	Supplementary Reserve Matter Discharge Information	Supplementary information following Wrexham CBC queries

Original Submission Information :

Condition 7&8.

Technical Notes included providing information to discharge the reserve matter condition:

- Technical note 001 included.

Please note we are currently in discussions with Welsh Water to undertake a 30 week flow rate survey to determine current position with drainage to inform our design development. We have included currently for on-site storage for foul water should the existing drainage capacity not be adequate.

Supplementary Information : 19/08/2014

TPS Foul and Stormwater drainage scheme drawing as follows :

- NWP-CE-TPS-099-DR-XX-0400-099

Lend Lease confirm that foul drainage connection will be provided if the ongoing discussions with Welsh Water are acceptable

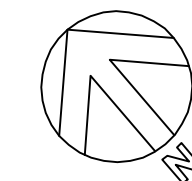
Lend Lease confirm that should it be necessary storage and pumping will be provided following the ongoing discussions with Welsh Water.

Lend Lease confirm that should it be necessary to install storage and pumping full details will be provided to Wrexham CBC prior to installation

With regards to surface water, Welsh Water have been commissioned to survey and obtain flow rates for the existing system and we are currently undertaking further Site Investigations and Ground Investigations. We cannot at this stage commit to any specific trade system but can confirm that should on site storage of surface water be necessary we will confirm prior to installation including full details to Wrexham CBC.

Provided :

- 1No paper copy of submission pack
- 2No paper copies of large format drawings
- 1No electronic copy



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
Refer to the relevant Construction (Design and Management) documentation where applicable.

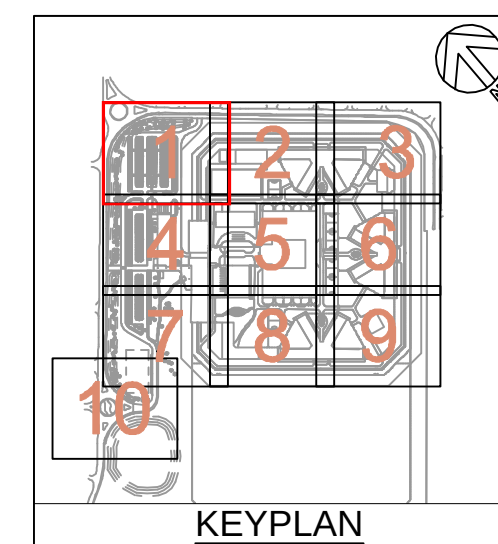
It is assumed that all works on this drawing will be carried out by a competent contractor, working where appropriate to an approved method statement.

NOTES:

1. THIS DRAWING IS BASED ON THE SITE MASTERPLAN AS ISSUED BY CAPITA ON 08.08.2014.
2. ALL MANHOLES ARE 1200Ø PC CONCRETE UNLESS OTHERWISE SHOWN. INSPECTION CHAMBERS ARE 450Ø PPC WITH CONCRETE SURROUND. INSPECTION CHAMBERS, 1.2m AVERAGE DEPTH.
3. ALL BRANCH CONNECTIONS FROM CHANNELS AND GULLIES ARE 150Ø VC.
4. PIPE SIZES AND MANHOLE DEPTHS ARE APPROX. AND SUBJECT TO DETAIL DESIGN.
5. HYDROBRAKE CONTROLS FOR SW ATTENUATION ARE SUBJECT TO CONFIRMATION OF EXISTING DRAINAGE LEVELS & APPROVED DISCHARGE RATES.
6. PIPEWORK UP TO 225Ø TO BE VC. 300Ø AND ABOVE TO BE CONCRETE.
7. ALL PIPEWORK BELOW BUILDING FLOOR SLABS TO BE DUCTILE IRON.
8. SW DRAINS TO BUILDINGS SUBJECT TO CONFIRMATION OF RWP SIZES AND LOCATIONS. ROAD DRAINAGE SHOWN IS INDICATIVE ONLY AND SUBJECT TO FINALISED LEVELS.
9. RWHT DESIGN & ASSOCIATED WATER SUPPLY PIPEWORK BY HOARE-LEA.

LEGEND:

	PROPOSED SW DRAINAGE
	PROPOSED FW DRAINAGE
	BURIED STORM ATTENUATION CELLS
KO	OUTLET TO KERB/DRAINAGE SYSTEM
RG	ROAD GULLY
CO	CHANNEL SUMP OUTLET
RWHT	RAINWATER HARVESTING TANK
MH	MANHOLE
IC	INSPECTION CHAMBER
BD	BACKDROP



P01 ISSUED FOR PLANNING. 19.08.2014

Revision	Description	Date
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Designers	HOARE LEA	TPS
	CAPITA	Crown House

Project	North Wales Prison
Title	099 SITE WIDE FOUL & SURFACE WATER DRAINAGE - OVERALL SITE

DRAWING STATUS: PLANNING		
Project No. 060692-018	Scale & Size NTS	
Drawing Identifier NWP-CE-TPS-099-DR-XX-0400		Revision P01