

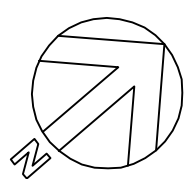
FOUL CONNECTION TO BE AGREED WITH WELSH WATER FOLLOWING HYDRAULIC MODELLING ASSESSMENT

CONTROLLED SW DISCHARGE TO
EXISTING 8000 WELSH WATER
SEWER

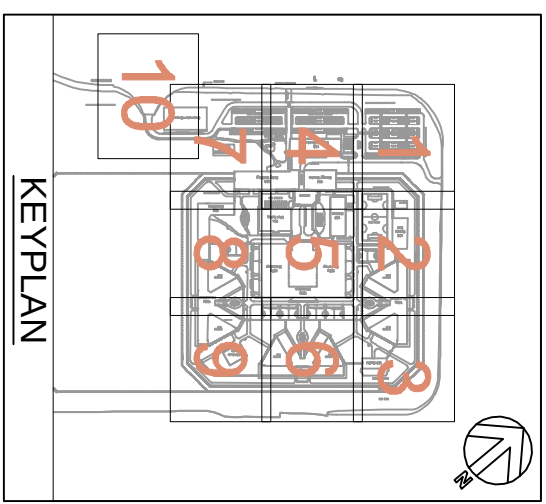
SW PUMPING STATION
18000 PC RINGS
2 No PUMPS EACH RATED AT 10 l/sec (TBC)
ARRANGED DUTY
STAND-BY
DEPTH 3.50m

DIVISION OF EXISTING DUCT TO FORM PART OF TEMPORARY WORKS

DRAWING TO BE READ IN CONJUNCTION
WITH TFS TECHNICAL NOTES :-
TN001A 'DRAINAGE REVIEW'
TN002 GREENFIELD RUNOFF ESTIMATION



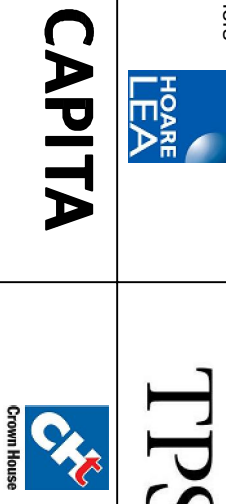
1. THIS DRAWING IS BASED ON THE SITE MASTERPLAN AS ISSUED BY CAPITA ON 04.09.2014 EXISTING OFF-SITE DRAINAGE INFORMATION HAS BEEN TAKEN FROM SITE SURVEY DATED 14.08.14.
2. ALL PROPOSED MANHOLES ARE 1200Ø PC CONCRETE. ALL SLEEVES REMOVED SHOWN INSPECTION CHAMBERS ARE 600Ø PCC WITH CONCRETE SURROUND.
3. INSPECTION CHAMBERS, 1.2m AVERAGE DEPTH.
4. ALL BRANCH CONNECTIONS FROM CHANNELS AND GULLIES ARE 150Ø VC.
5. PIPE SIZES AND MANHOLE DEPTHS ARE APPROX. AND SUBJECT TO DETAIL DESIGN.
6. HYDROBRANE CONTROLS FOR SW ATTENUATION ARE SUBJECT TO CONFIRMATION OF APPROVED DISCHARGE RATES.
7. PIPEWORK UP TO 225Ø TO BE VC.
8. PIPEWORK BELOW BUILDING FLOOR SLABS TO BE VC.
9. SW DRAINS TO BUILDINGS SUBJECT TO CONFIRMATION OF RWP SIZES AND LOCATIONS. ROAD DRAINAGE SIZES IS INDICATIVE ONLY AND SUBJECT TO FINALISED LEVELS.
10. RWP DESIGN & ASSOCIATED WATER SUPPLY PIPEWORK BY HOARELEA.
11. RAINWATER DOWNSPE COUNTITIES ARE INDICATIVE. IN ABSENCE OF ARCHITECTS DETAILS ALL DOWNSPEES TO HAVE 100Ø BELOW GROUND CONNECTION.



P04	MINOR AMENDMENT TO DISCHARGE CONNECTIONS	20.08.2014
P03	SCHEME REVISED TO INCLUDE 100% RAINWATER HARVESTING AND A POND PRISON SW OUTFALL ROUTED TO MH UPSTREAM OF PESTICIDE CHAMBER.	19.08.2014
P02	REVISED TO ADDRESS PLANNING. APPLICATION RESERVED MATTERS IN RELATION TO P01 & SW DRAINAGE. REVISED TO ADDRESS PLANNING. RECEIVED 22.09.2014. CONNECTIONS TO EXISTING WELSH WATER P01 & SW SEWERS INDICATED.	03.10.2014
P01	ISSUED FOR PLANNING.	19.08.2014



TIPS



Project North Wales Prison

099 SITE WIDE
FOUL & SURFACE WATER
DRAINAGE - OVERALL SITE

DRAWING STATUS:		
PLANNING		
Project No.	Scale & Size	
0606992-018	NTS	
Drawing Identifier		Revision
NWP-CE-TPS-099-DR-XX-0400		P04