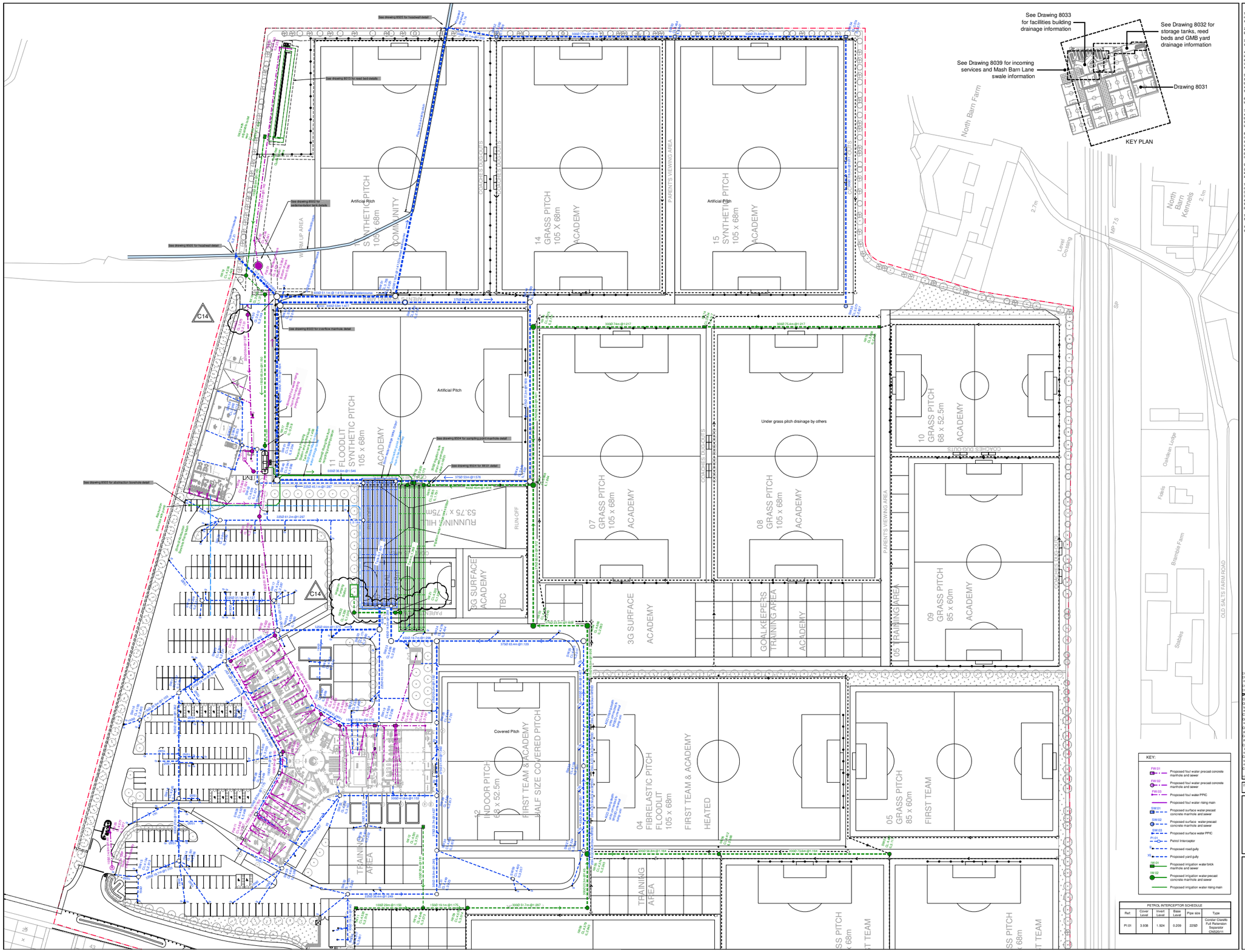

1. All dimensions to be checked on site. All details and dimensions relating to sub-Contractors work must be checked and agreed between the sub-Contractor in supplier and the general Contractor.

2. This drawing is to be read in conjunction with all relevant Architects and Engineer's drawings and specification.

3. The main Contractor is responsible for ensuring the stability of the structure whilst the works are in progress.

4. Any information given regarding existing underground services is given in good faith after consultation with the relevant authority. No liability is accepted by the Consultant and the main Contractor is responsible for obtaining and checking all information and taking due care and attention whilst undertaking the works.

5. All pipes, bends and junctions shall be vitrified clay to BS EN 295-1, with flexible joints and kitemark certified. Alternatively all pipes and fittings can be UPVC conforming to BS EN 1401-1 and shall be laid in accordance with the manufacturers specification. If UPVC pipes are to be used then the manufacturer shall be approved by the Engineer prior to construction.

6. All pipework to be laid in pipe bedding unless concrete is required for loading purposes.

7. All private building drainage shall be constructed in strict accordance with BS EN 752-1996. Unless otherwise specified building drainage shall be 100mm diameter and shall be laid at a minimum gradient of 1 in 40 for foul drains and 1 in 80 for surface water drains. All building drains shall be laid in class B bedding unless otherwise specified.

8. Where a pipe is within 1m of a foundation the trench shall be filled with class GEN 3 concrete up to the lowest level of the foundation. Where the trench is further than 1m from the foundation, the trench shall be filled with class GEN 3 concrete to a level below the lowest level for the foundation equal to the distance from the foundation less 150mm. In both cases the pipe shall be bedded and surrounded in 150mm thick class GEN 3 concrete.

9. Where pipes, external to the structures, have a depth to soffit from ground level of less than 450mm they shall have a class GEN 3 concrete encasement (150mm thick). In all other cases the pipes shall be bedded and surrounded with 100mm thick granular material.

10. In any circumstances where pipes are bedded and surrounded in concrete flexible joints should be provided. Compressible boards (fibreboard or polystyrene) shall be provided at a maximum of 6m centres coinciding with pipe joints). The boards shall be pre-cut to pipe diameter and to a height and width equal to the concrete cross section. A board shall be placed at each end of the pipe run. 100mm nominal diameter and 36mm for pipes over 450mm nominal diameter.

11. All svps shall have rodding access plates fitted at their bases (ground floor level).

12. Where existing pipes are to be abandoned they shall be dug out together with any abandoned manholes.

NOTES:

Drawing to be read in conjunction with:

8013	Reed Bed Plan and Sections
8032	Drainage Sheet 2 of 3
8033	Drainage Sheet 3 of 3
8035	Manhole Schedules
8036	Drainage Longitudinal Sections Sheet 1 of 3
8037	Drainage Longitudinal Sections Sheet 2 of 3
8038	Drainage Longitudinal Sections Sheet 3 of 3
8039	Drainage Outy Levels
8045	Drainage Catchment Areas Sheet 1 of 2
8046	Drainage Catchment Areas Sheet 2 of 2
8501	Construction Details Sheet 1
8501	Construction Details Sheet 2
8503	Construction Details Sheet 3
8504	Construction Details Sheet 4
8505	Construction Details Sheet 5 Diverted Watercourse

D	04.10.13	AJD	IW21 and IW22 added, FW50 moved
C	13.09.13	AJD	SW35 moved, first team and academy canopy roof connections added
B	12.09.13	AJD	Penstock added to SW01
A	19.07.13	AJD	Indoor pitch RWPs revised
P4	15.07.13	AJD	Revisions to reed bed area
P3	10.07.13	AJD	Petrol Interceptor shown in 'as built' location
P2	05.07.13	AJD	Irrigation P Stn moved, Recycling P Stn updated to Liquiveult details, water main revised, Irrigation tank drain manhole revised, Petrol Interceptor schedule updated, tank air vents removed
P1	02.07.13	AJD	Reed bed updated
P0	21.06.13	AJD	Sampling point manhole IW01 added, water main updated
J	18.06.13	AJD	GMB RWPs revised, Irrigation tank moved and pipework updated to suit
H	03.06.13	AJD	ACO Channels added to road south of indoor pitch. Air vents added to tanks and pumping station, SW50 added
G	24.05.13	AJD	Pipes to irrigation pumping station revised, cover levels updated, manhole sizes changed to suit schedule, drawing updated to suit. Minor
F	14.05.13	AJD	Irrigation pumping station moved, pipework updated to suit. Minor revision to suit client's comments. Key Plan and notes added. Geotxt pitch added
E	14.05.13	AJD	First issue
Ref	DATE	INT	DESCRIPTION

Issue Status: FOR CONSTRUCTION

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Client: Buckingham Group Contracting Ltd
Project: New Training Ground
New Monks Farm, Lancing
Title: Site Layout
Drainage - Sheet 1 of 3

Drawn: A Davies	Date: Nov 2012	Project No: 22044	
Approved: G Waller	Checked:	Scale: 1:500 @ A0	Rev: D

Drawing No: 8031C14