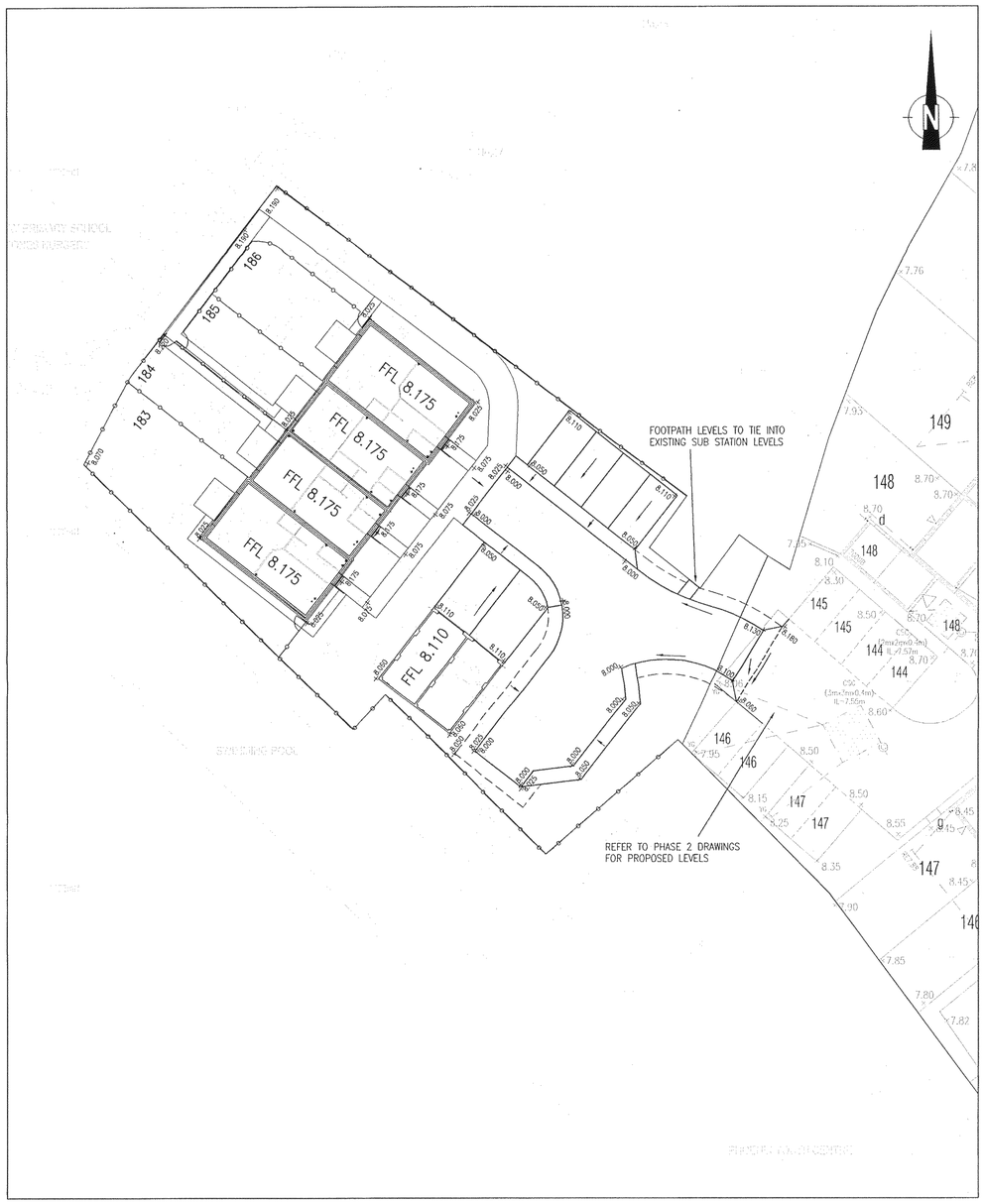
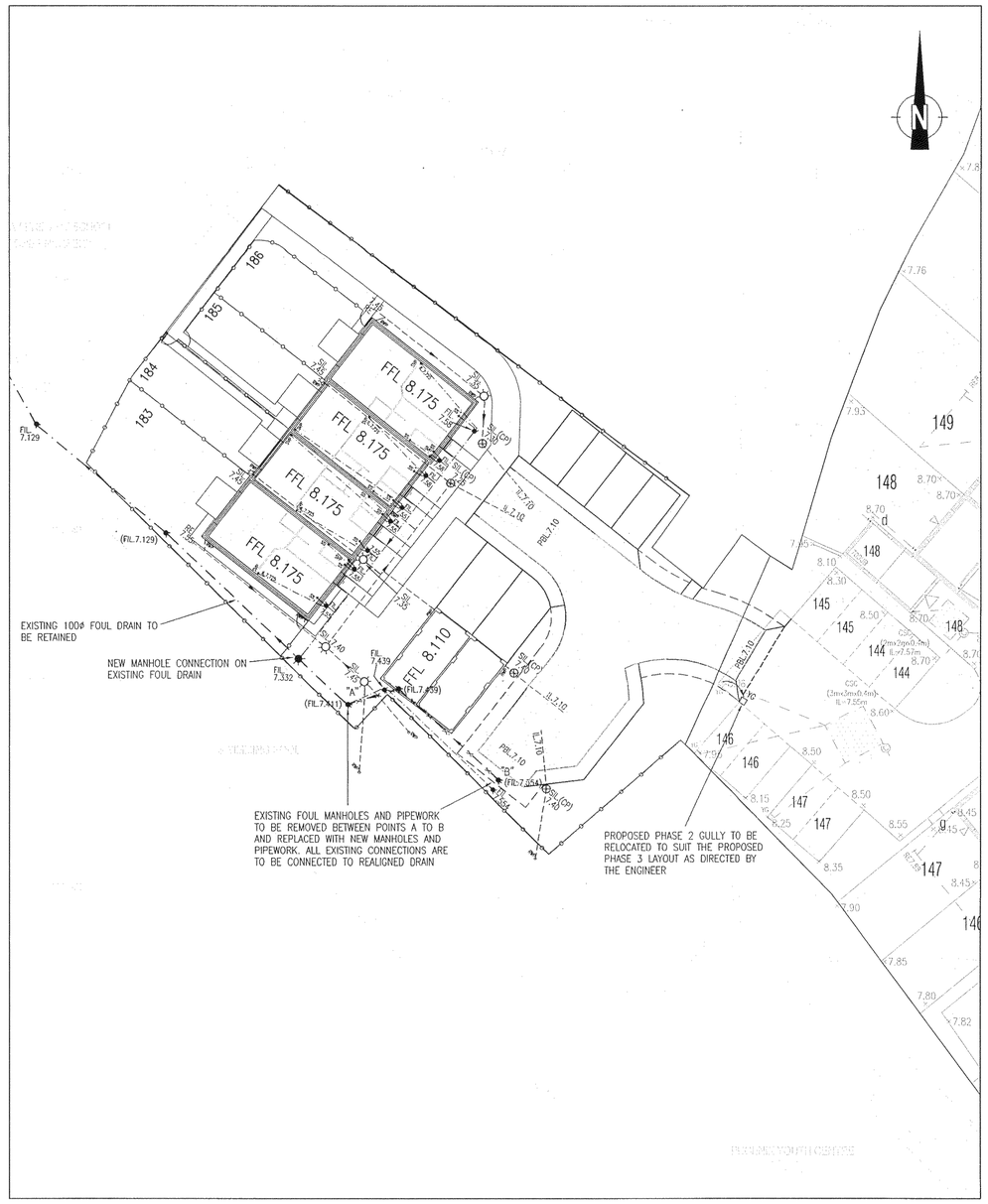


PROPOSED LEVELS

KEY

+ 6.93	PROPOSED PRIVATE LEVEL EXISTING LEVEL
FFL 8.175	FINISHED FLOOR LEVEL



PROPOSED DRAINAGE

SURFACE

- SURFACE WATER DRAIN
- RAINWATER PIPE
- RODDING EYE
- INVERT LEVEL
- 'SEWERS FOR ADOPTION' MANHOLE TYPE 3 OR 4 MANHOLE TYPE DEPENDANT ON DEPTH, LOCATION AND NUMBER OF CONNECTIONS
- PRIVATE PERMEABLE BLOCKWORK CONSTRUCTION
- PERMEABLE BLOCK PAVING BED LEVEL

PROPOSED DRAINAGE

FOUL

- INVERT LEVEL
- FOUL WATER DRAIN
- SOIL VENT PIPE WITH AIR ADMITTANCE VALVE
- STUB STACK
- 'SEWERS FOR ADOPTION' MANHOLE TYPE 3 OR 4 MANHOLE TYPE DEPENDANT ON DEPTH, LOCATION AND NUMBER OF CONNECTIONS
- EXISTING FOUL WATER DRAIN

constructionline

NOTES:

1. DO NOT SCALE FROM THIS DRAWING.
2. LEVELS ARE IN METRES TO O.S DATUM
3. THIS DRAWING IS BASED ON TOPOGRAPHICAL SURVEY UNDERTAKEN BY:-

siteline
Unit E, Woodside
34 Parham Drive
Eastleigh
SO50 4NU
t: 023 8031 1081
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4. GRID SHOWN IS A LOCAL PLANE GRID ONLY. SURVEY STATIONS GIVEN ARE DERIVED FROM THIS GRID.
5. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT SCHEME DRAWINGS AND SPECIFICATIONS.
6. PRIOR TO COMMENCING ANY WORKS OR SETTING OUT FOR THE WORKS, THE CONTRACTOR SHALL ESTABLISH CONTROL STATIONS BASED ON THE TOPOGRAPHICAL SURVEY SUPPLIED AND CONFIRM ORIENTATION OF THE SITE GRID.
7. ALL EXISTING LEVELS TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF ANY WORKS.
8. ANY DISCREPANCIES WITH THE ORIGINAL SITE SURVEY MUST BE IMMEDIATELY REPORTED TO THE EMPLOYER.

DRAINAGE NOTES:

1. ALL MATERIALS USED IN THE CONSTRUCTION OF DRAINS AND MANHOLES SHALL COMPLY TO THE RELEVANT BRITISH STANDARD AND BE KITE MARKED WHERE APPROPRIATE.
2. ALL PRIVATE DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE RELEVANT SECTIONS OF THE BUILDING REGULATIONS APPROVED DOCUMENTS AND BS 8301.
3. ALL PRIVATE FOUL DRAINAGE INSPECTION CHAMBERS SHALL BE SET 600mm MINIMUM BELOW FINISHED FLOOR LEVEL, UNLESS SHOWN OTHERWISE.
4. ALL PRIVATE DRAINS ARE TO BE 100mmø PVCu (UNLESS STATED OTHERWISE) TO BS EN 1401-1:1998 AND BS 4660:1989 AND HAVE A MINIMUM OF 450mm COVER AT ANY POINT.
5. FOUL SEWER CONNECTIONS UNDER EXISTING CARRIAGEWAY SHALL BE 150mmø SUPER STRENGTH VITRIFIED CLAYWARE TO BS 65.
6. PRIVATE SW DRAINS SHALL BE LAID AT A MINIMUM GRADIENT OF 1in100 OR TO THE INVERT LEVELS AS SHOWN.
7. PRIVATE FW DRAINS SHALL BE LAID AT A MINIMUM GRADIENT OF 1in80 OR TO THE INVERT LEVELS AS SHOWN.
8. FALLS FROM SVP, RWP & SS TO ACCESS CHAMBERS SHALL BE LAID AT A MINIMUM GRADIENT OF 1in40.
9. PIPE BED AND SURROUND
   UNDER CARRIAGEWAY :CLASS S UNLESS SHOWN OTHERWISE.
   PRIVATE SEWERS AND DRAINS :CLASS B
   PRIVATE SEWERS AND DRAINS :CLASS Z UNDER DRIVES WHERE COVER LESS THAN 900mm
10. ALL DRAINS SHALL BE FLEXIBLY JOINTED, AND WHERE PIPES PASS THROUGH FOOTINGS, RETAINING OR SCREEN WALLS, LINERS SHALL BE PROVIDED OVER PIPES, UNLESS STATED OTHERWISE.
11. WHERE DRAINS ARE CLOSE TO BUILDINGS, REFER TO CLAUSE 5.3-53 OF THE BUILDING REGULATIONS APPROVED DOCUMENT H.
12. COVER LEVELS SHOWN ARE APPROXIMATE ONLY.
13. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS.
14. INSPECTION CHAMBERS AND PPIC's COVERS AND FRAMES SHALL BE PROVIDED BY PROPRIETARY MANUFACTURER.
15. FOR EXACT LOCATIONS OF RAINWATER PIPES AND SOIL PIPES, REFER TO RELEVANT ARCHITECTS DRAWINGS.
16. ALL RWP'S SHALL HAVE RODDING ACCESS PLATES.
17. CONTRACTOR SHALL VERIFY EXISTING MANHOLE LOCATIONS, PIPE DIAMETERS AND LEVELS PRIOR TO MAKING ANY CONNECTIONS TO EXISTING DRAINS AND CONFIRM FINDINGS TO THE EMPLOYER.
18. MANHOLES IN CARRIAGEWAY/VERGE AND PARKING AREAS TO HAVE HEAVY DUTY COVERS.
19. FOR CONSTRUCTION DETAILS, REFER TO DETAIL DRAWINGS No. 4087 503, 504 AND 505
20. WHERE COVER TO SEWER UNDER CARRIAGEWAY IS LESS THAN 1.0m CLASS Z BED AND SURROUND TO BE USED

Rev	Description	Drn	Chk	Date
D	PERMEABLE BLOCKWORK CONSTRUCTION EXTENTS UPDATED TO SUIT NHBC COMMENTS	DB	DM	02.01.14
C	PERMEABLE BLOCK PAVING BED LEVEL REVISED FOLLOWING RECEIPT OF SOAKAGE TEST RESULTS	DB	DM	28.11.13
B	SURFACE WATER DRAINAGE FROM ADJACENT SWIMMING POOL BUILDING ADDED. BASE LEVEL TO POROUS PAVING UPDATED TO SUIT	DB	DM	22.10.13
A	REAR ACCESS TO DEVELOMENT UPDATED TO CLIENTS REQUIREMENT	DB	DM	21.10.13

REVISIONS

Preliminary Issue		Submitted for S104	
Planning Issue		Issued for Tender	
Submitted for S38		Issued for Construction	
Submitted for S278		As Built	

DRAWING STATUS

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Bellway

JOB TITLE
BOGNOR COMMUNITY COLLEGE SITE 3

DRAWING TITLE
PROPOSED LEVELS AND DRAINAGE

DATE	DRAWN	CHECKED	TITLE CHECKED
OCT. 2013	DWB	DJLM	

DRAWING NO. 4687.501 REV D SCALE 1:200 @ A1

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