DRAINAGE

Sanitaryware pipework to be in accordance with "Approved Document H.1 Section 1" or BS:5572: 1978 Clauses 3, 4, 7 - 12. Discharge stack to be 100mm diameter PVC reducing to 75mm diameter above highest branch. Sanitary pipework should not allow light through (as it encourages damage by rodents). 75mm deep seal trap to basin, sink, bath. All traps to be removable or to be fitted with a cleaning eye. Where acess for cleaning discharge pipes cannot be provided by removing traps, then rodding points are to be included these must be above the spillover level of the lowest connected appliance. Where appropriate, waste pipes at ground floor level to discharge into back inlet gulley or below gully grating. 50mm deep seal trap to W.C. 32mm waste to basin, 40mm waste to sink, bath and shower. Vertical ducts forming boxing in to SVPs are to be constructed from 50 x 50mm timber studs lined with 2no. layers of plasterboard, each layer to have a weighted value of min 8 kg/m ², all joints to be taped and all to be finished with plaster skim finish, ducts to be closed at top and bottom.

Waste pipes to hand basins should be increased to 40mm for runs over 1.7m (3.0m maximum) and 50mm for baths and showers over 3.0m (up to 4.0m maximum), unless antisiphon precautions are employed.

Boiler Condensate may connect to sanitaryware pipework - pipes to be min 22mm dia with 75mm trap.

Foul and rainwater drainage to be in accordance with "Approved Document H1 Section 2 and H3 Section 3" or BS:8301:1985. Access points to be provided at any change in gradient, any change in pipe size (unless each run can be cleared from an access point). Drains running under or near to a building to be provided with minimum 100mm granular surround. Drains passing through walls or foundations to be provided with minimum 50mm clearance all around with r.c. lintel over and a sheet or rigid material fixed both sides of wall void to be filled with compressible sealant to prevent entry of gas.

All new foul drainage runs to be vented at head of run via manhole/inspection chamber.

All cover levels to existing foul and rainwater manholes/inspection chambers to be measured and all covers lifted and invert levels measured prior to new drainage runs being installed.

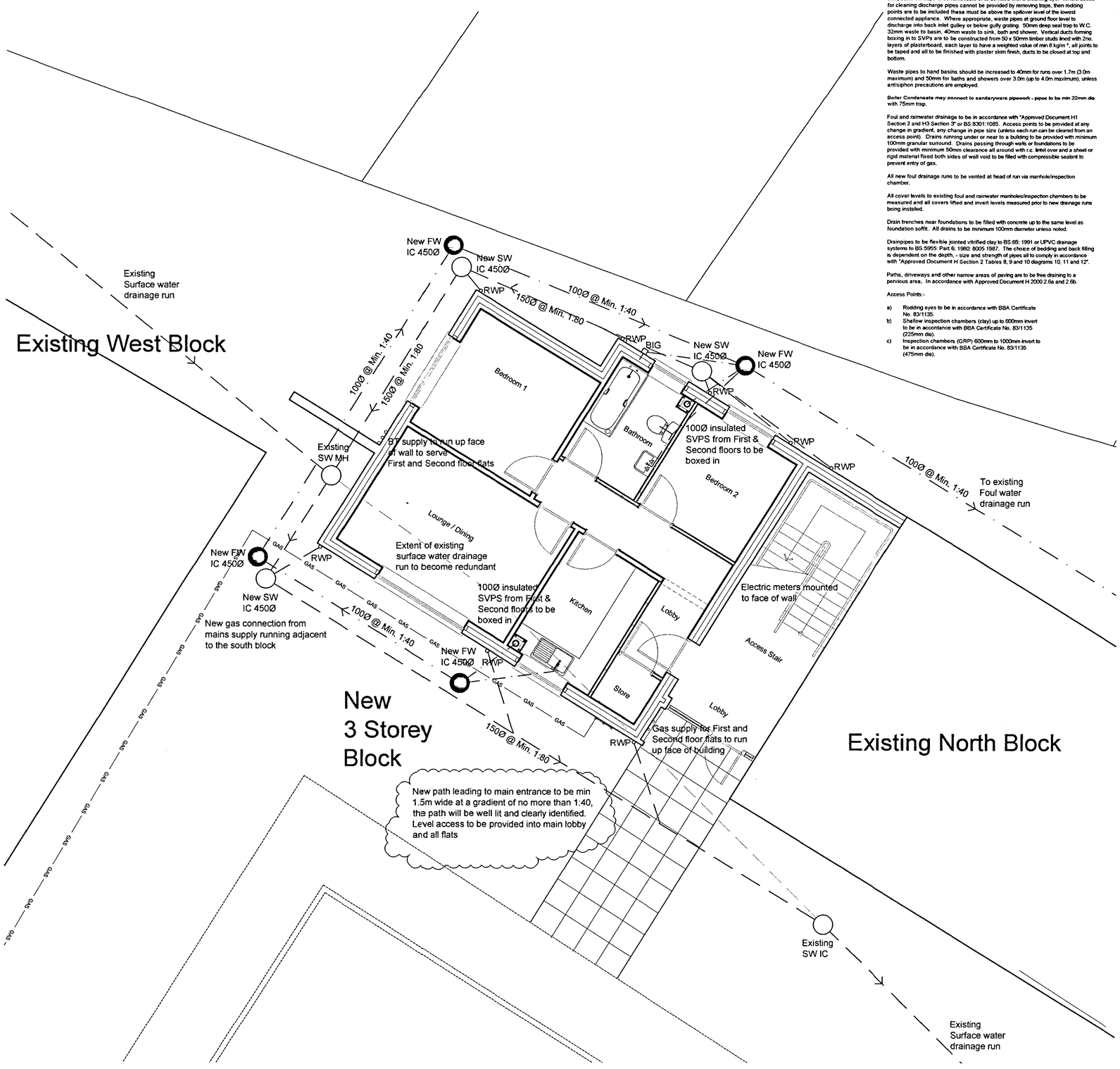
Drain trenches near foundations to be filled with concrete up to the same level as foundation soffit. All drains to be minimum 100mm diameter unless noted.

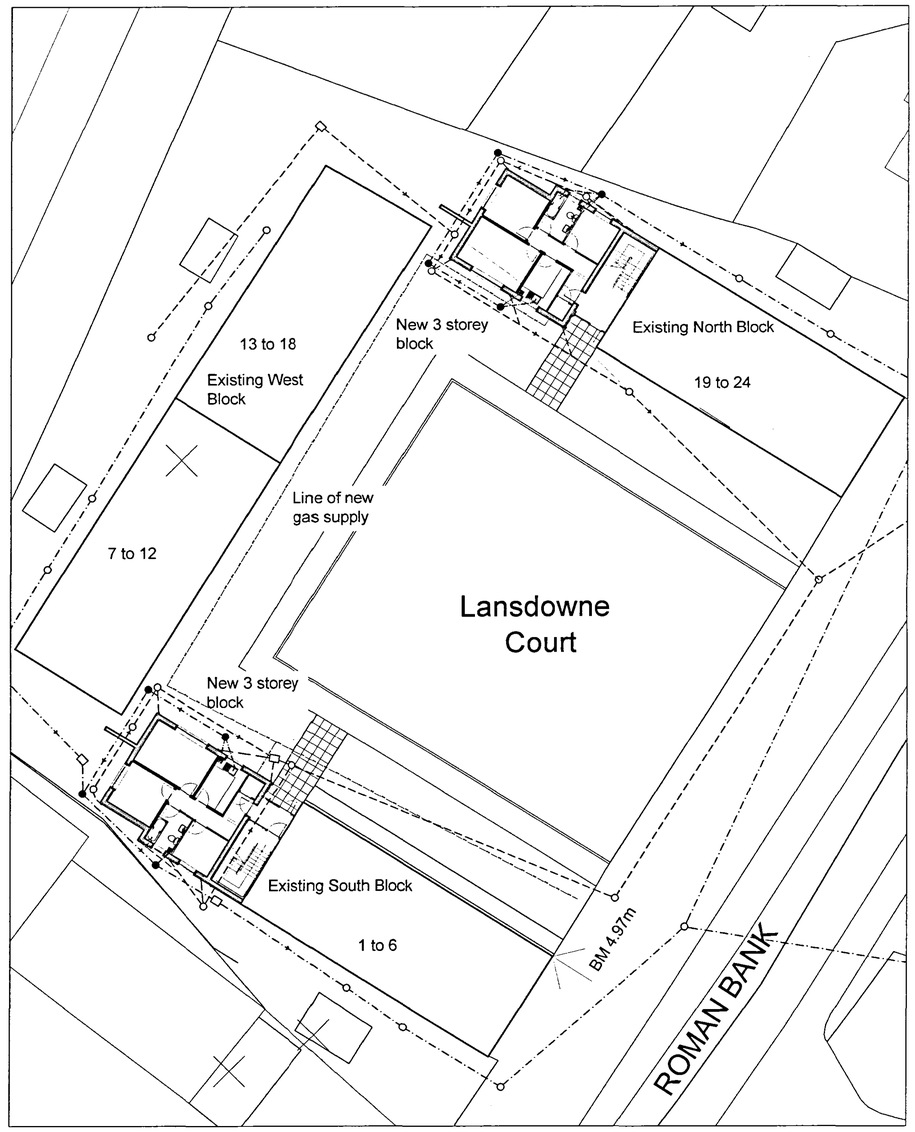
Drainpipes to be flexible jointed vitrified clay to BS.65: 1991 or UPVC drainage systems to BS:5955: Part 6; 1980: 8005 1987. The choice of bedding and back filling is dependent on the depth, - size and strength of pipes all to comply in accordance with "Approved Document H Section 2 Tables 8, 9 and 10 diagrams 10, 11 and 12".

Paths, driveways and other narrow areas of paving are to be free draining to a pervious area. In accordance with Approved Document H 2000 2.6a and 2.6b.

Access Points:-

a) Rodding eyes to be in accordance with BBA Certificate No. 83/1135.
b) Shallow inspection chambers (clay) up to 600mm invert to be in accordance with BBA Certificate No. 83/1135 (225mm dia).
c) Inspection chambers (GRP) 600mm to 1000mm invert to be in accordance with BBA Certificate No. 83/1135 (475mm dia).





KEY

- Foul water drainage run
- Surface water drainage run
- New Foul water inspection chamber
- New Surface water inspection chamber
- New back inlet gully

FW = Foul water
SW = Storm water
IC = Inspection chamber
MH = Manhole
GAS = Gas supply pipe run

N

DETERMINED

SHDC PLANNING & DEVELOPMENT - 6 FEB 2007 Ref. 0175/07

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Client: Langwith Builders Limited

Project: Proposed Extension to Flats
Lansdowne Court, Roman Bank, Spalding
for South Holland District Council

Drawing Title: Drainage Plan - North Block
Drawing number: dc:084:S:23
Scale: 1:50 & 1:200
Drawn: GDM
Revison: B
Date: October 06
Checked:

REVISIONS
B - 15.12.06 - GDM - Part M note added following comments from building control

A - 29.11.06 - GDM - Gas supply and distribution shown, location of other incoming services added, SVPs ammended to show 2no. per block