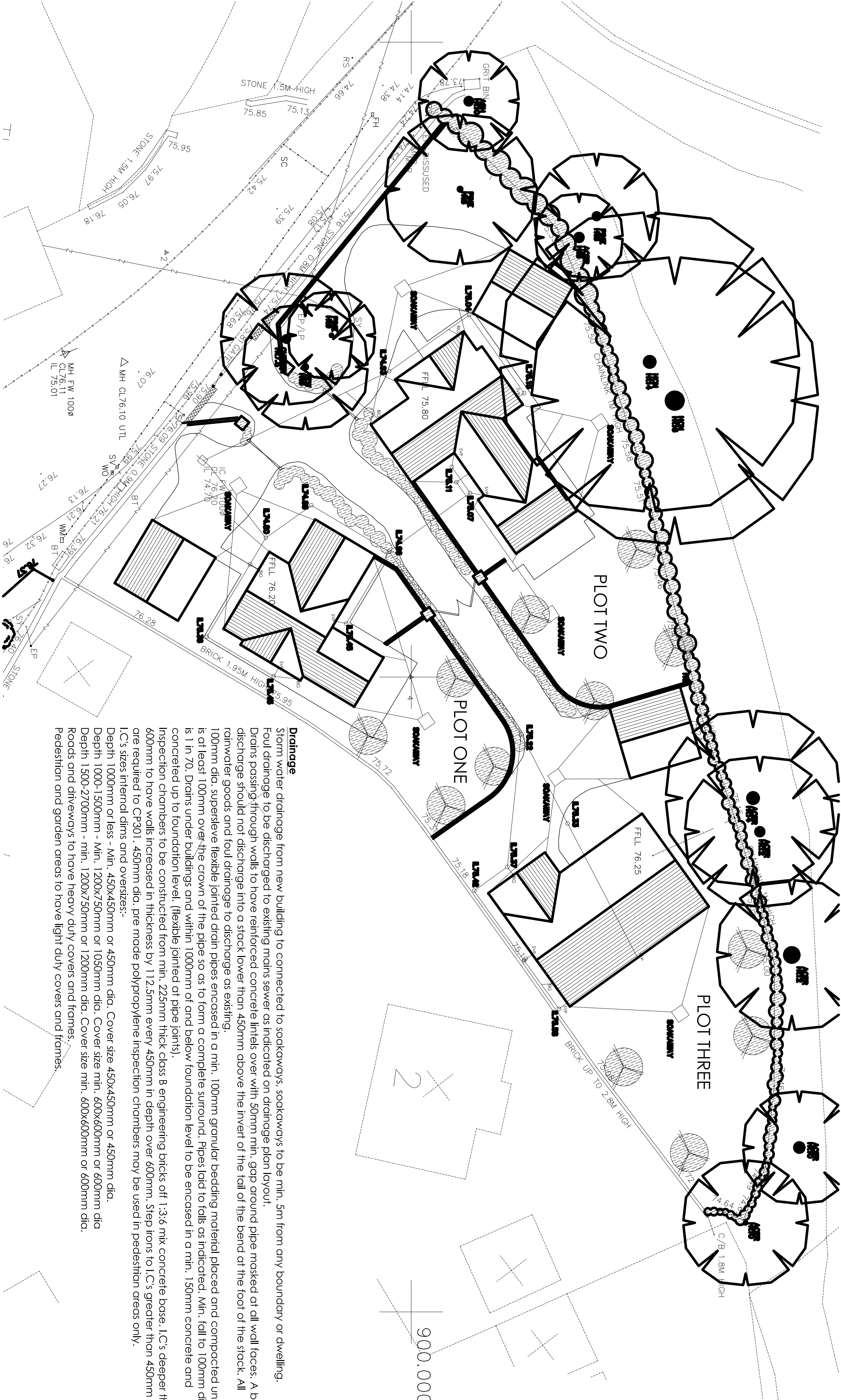




Drainage
Storm water drainage from new building to connected to soakaways, soakaways to be min. 5m from any boundary or dwelling.
Foul drainage to be discharged to existing mains sewer as indicated on drainage plan layout.
Drains passing through walls to have reinforced concrete lintels over with 50mm min. gap around pipe masked at all wall faces. A branch discharge should not discharge into a stack lower than 450mm above the invert of the tail of the bend at the foot of the stack. All rainwater goods and foul drainage to discharge as existing.
100mm dia. superstore flexible jointed drain pipes encased in a min. 100mm granular bedding material placed and compacted until there is at least 100mm over the crown of the pipe so as to form a complete surround. Pipes laid to falls as indicated. Min. fall to 100mm dia. pipe is 1 in 70. Drains under buildings and within 1000mm of and below foundation level to be encased in a min. 150mm concrete and concreted up to foundation level. (flexible jointed at pipe joints).
Inspection chambers to be constructed from min. 225mm thick class B engineering bricks off 1:3:6 mix concrete base. I.C's deeper than 600mm to have walls increased in thickness by 112.5mm every 450mm in depth over 600mm. Step irons to I.C's greater than 450mm deep are required to CP301. 450mm dia. pre made polypropylene inspection chambers may be used in pedestrian areas only.
I.C's sizes internal dims and oversizes:-
Depth 1000mm or less - Min. 450x450mm or 450mm dia. Cover size 450x450mm or 450mm dia.
Depth 1000-1500mm - Min. 1200x750mm or 1050mm dia. Cover size min. 600x600mm or 600mm dia
Depth 1500-2700mm - min. 1200x750mm or 1200mm dia. Cover size min. 600x600mm or 600mm dia.
Roads and driveways to have heavy duty covers and frames.
Pedestrian and garden areas to have light duty covers and frames.

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Parry Davies Architects. Chartered Architects.

PROJECT TITLE				
<i>Proposed Development of Land at Min Y Dyffryn, Wrexham</i>				
DRWG. TITLE	DATE	SCALE	DRAWN	CHK
<i>Drainage Plan</i>	June 2011	1:2000A&Z	CPE	
DRWG. NOS.		<i>11.5314 - DP1</i>		
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