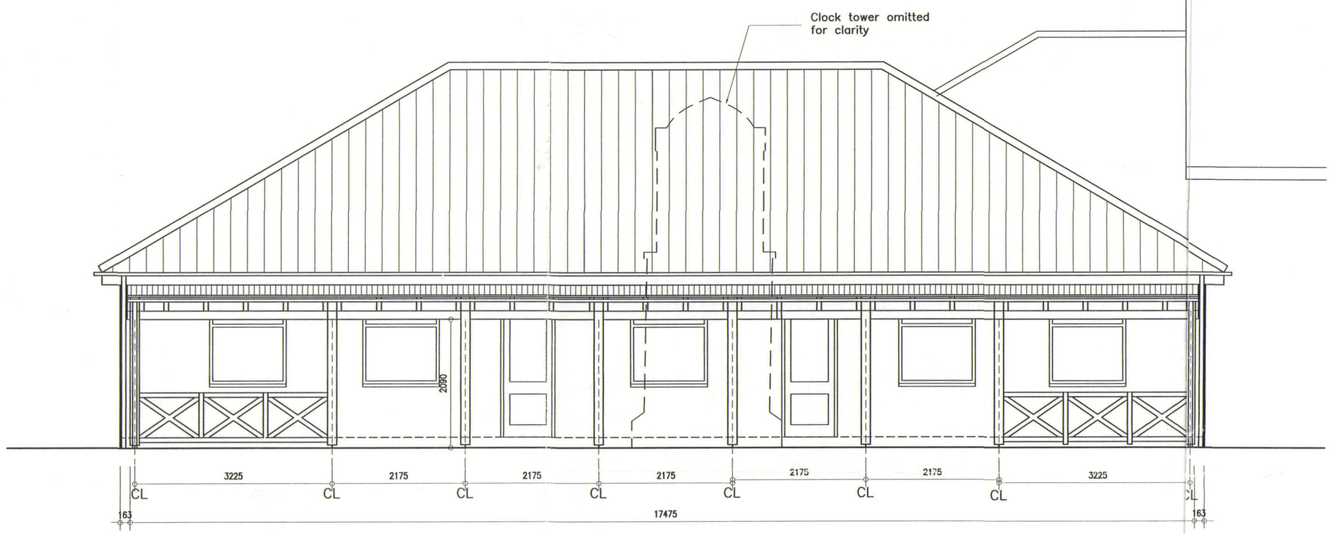
NOTES

RAINWATER GOODS:
Modify existing rainwater goods to building; rainwater goods to discharge water outside covered canopy; provide new gulley and drain connected to existing surface water drainage system.
Surface water drainage to comprise 'Marley Deepflow' pvcu gutters and 68mm dia. rainwater downpipes fitted with a shoe; downpipes to discharge to 'Gerberit Limited' rectangular hopper (Ref: 4DG93) with rectangular cover plate to receive rainwater pipe (Ref: 4DG93RP) with 4 No self tapping screws , to 110mm dia pipe as required to low 'P' trap with spigot outlet (Ref: 4DG91) to 100mm dia drain; new connection to surface water manhole.

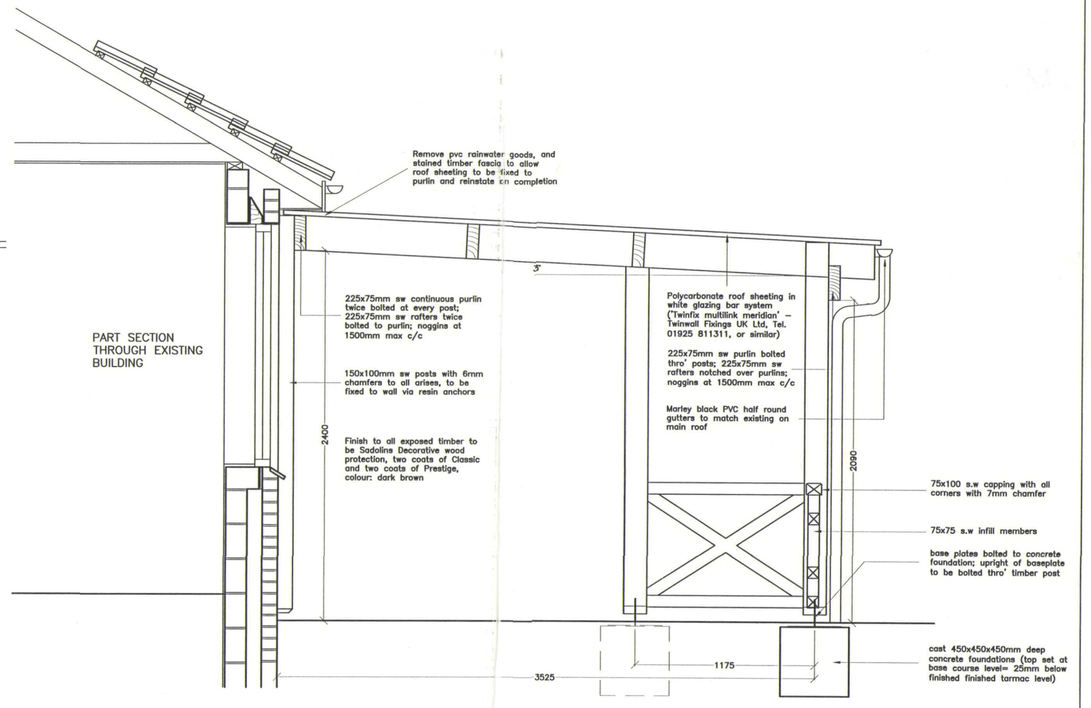
BEDDING FOR FLEXIBLE PIPES:
As diagram 9 in Part H of the Building Regulations. Pipes to be 100mm dia. laid on 100mm deep granular material to conform to BS 882:1983 Table 4 or BS 8301:1985 Appendix D to crown of pipe; 100mm thick selected fill of granular fill free from stones larger than 40mm, lumps of clay over 100mm, frozen material or vegetable matter—compacted by hand or with a light plate vibrator,especially at the sides. Backfill to formation level and reinstate tarmacadam playground. Prevent ground water flow in trenches.

BITUMEN PLAYGROUND AND REINSTATEMENT:
Excavate for and extend playground; excavate for fondations and surface water drainage connections in existing playground; bitumen to comprise:
Wearing course: 25mm thick dense bitumen macadam, 6mm nominal size using 100 pen bitumen binder to BS 4987:1988 Clause 7.5, manufactured and laid in accordance with BS 4987:1988 parts 1 and 2.
Base course: 50mm thick dense bitumen macadam, 20mm nominal size using 100 pen bitumen binder to BS 4987:1988 Clause 6.5, manufactured and laid in accordance with BS 4987:1988 parts 1 and 2.
Base: 150mm thick non frost susceptible Type 1 aggregate.
Note: Perimeter restrained via precast concrete edgings (50x150mm) set in 100mm thick concrete base and battered up both sides. Make good ground, level with adjacent ground generally, reinstate bark chippings. New playground laid to falls to discharge to drainage channel.

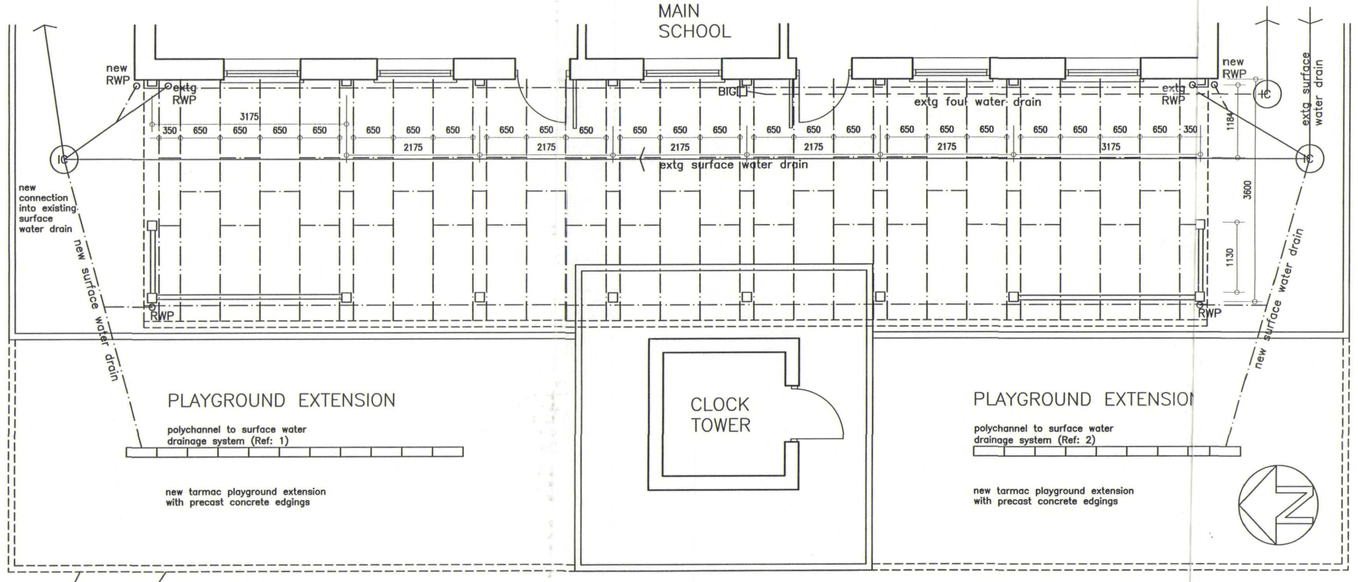
DRAINAGE CHANNEL SPECIFICATION:
To be provided by 'ACO Technologies PLC', Hitchin Road, Shefford, Bedfordshire, SG17 5SQ (Tel. 01462 816666; Fax. 01462 815895), and be ACO 'K' range presloped channel drainage system as follows:
* K100S sloping channel system (Ref 1: K1 to K5; Ref 2: K2 to K5) to be set in 100mm C25 concrete bed and surround, to
* K900RE sump unit with side outlet with 110mm dia foul air trap to surface water drainage system
* Gratings to be Class A, Ref: 402 (in pavement). Channels 500mm long – 2 No per channel; Locking standard Ref: 811
* End cap (Ref: 106) provided at highest point
All items to be laid in accordance with manufacturers instructions.



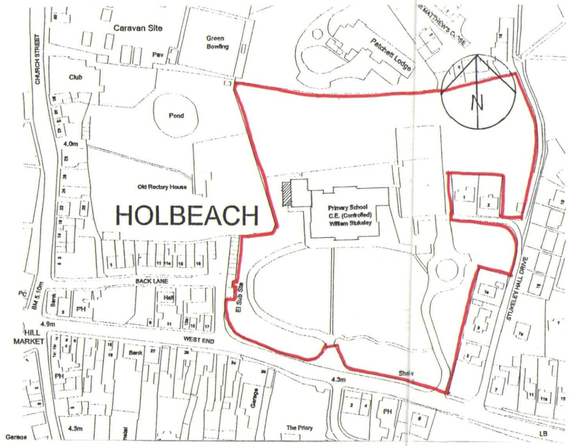
EAST ELEVATION 1:50



SECTION THROUGH PERGOLA 1:20



PLAN 1:50



SITE LOCATION 1:2500

SHDC Planning & Development - 4 OCT 2004 Ref: 1321/04

Revisions
Rev A: Amended following telephone conversation with school (26.07.04)

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All levels and dimensions to be checked on site by General Contractor before work is put in hand.

client
DIOCESE OF LINCOLN

job
ALTERATIONS TO WILLIAM STUKELEY CE PRIMARY SCHOOL

drawing
PROPOSED PERGOLA

D B Lawrence & Associates
Architects
30 Handley Street
Sleaford
Lincs
NG34 7TQ
Tel: 01529 302541
Fax: 01529 413960
Email: dbloffice@btconnect.com

date	drawn	checked	scale
FEB 04	DH		as noted

drawing no.
D102–02A