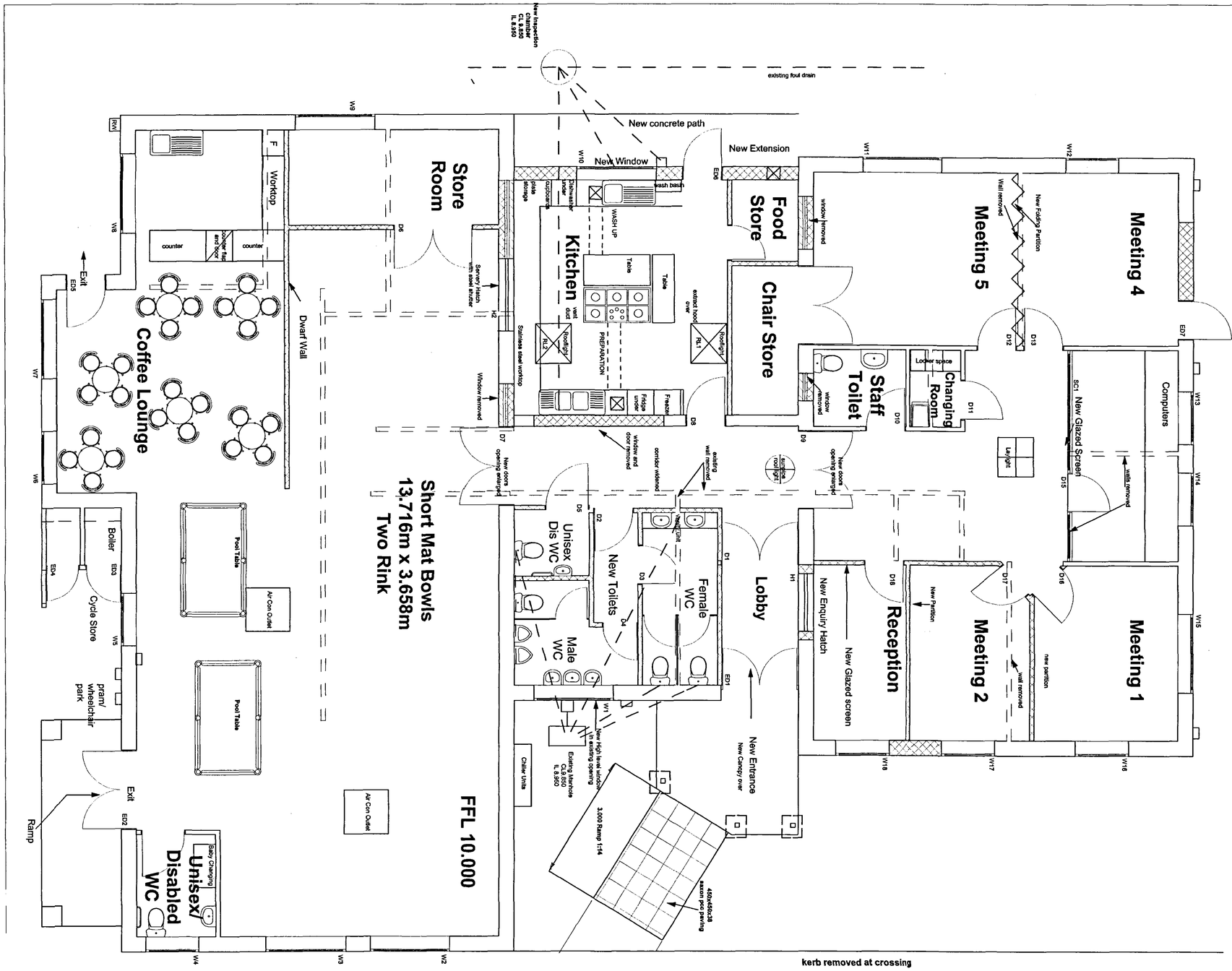


proprietary guard rail system

Path

DRAINAGE NOTES

New drainage to generally be upvc 100mm dia with push fit joints manufactured by marley or equal approved and laid in accordance with the manufacturers instructions

Below ground:

All drains under the building are to have 100mm granular filling around pipe where the crown of the pipe is within 300mm of the underside of the slab, surround in 150mm concrete integral with the slab.
(1) Where drain runs are within 1m of loadbearing walls the trenches are to be filled with concrete up to the level of the u/side of the foundation.
(2) Where (if any) more than 1m from the building , fill with concrete to a level below the u/side of the foundation equal to the distance from wall to nearside of trench, less 150mm.
(3) Where drains have less than 300mm cover, surround in 150mm concrete at all conditions
(1), (2) & (3) provide 400 x 400 x 20mm flexible joint (fibreboard or polystyrene) installed around pipe at coupling position in concrete at 5m max. c/cs.
Other new drains are to be laid on a 50mm bed of granular material well compacted and covering the full trench width (to bs 8301 : 1985).
Backfill in layers using selected fill. Where drain pipes pass through substructure walls provide Spanlite 65mm or similar approved concrete lintels to each leaf for each pipe, flexible joint each side of wall and soft packing between to fill void tightly.

Harmer SML Suspended above ground lightweight cast iron drainage system.
Designed in accordance with BS2494, BS5572, BS6087, BS8301 together with fittings manufactured by Alumasc Exterior Building Products Ltd, White House Works, Bold Road, Sutton St Helens, Merseyside,WA9 4JQ Tel: 01744 648400.

New Inspection chambers to be pre-formed polypropylene 450mm dia. ref. UCC3 with risers ref.UCR2, bed and surrounded in C20P concrete. Cover to be Clarkesteel Ltd Recessed Covers Ref. CLKS 450SR/426SL fitted with non retractable stainless steel screws. Existing brick manholes within secure area to have existing covers replaced with Clarkesteel Ltd Recessed Covers Ref. AQK6040 fitted with non retractable screws.

All drains are to be provided with a coupling within 150mm of m.h. or i.c. walls. all gullies to be surrounded in min. 100mm concrete.

External Drainage channel to be Aco N100K with stainless steel edge laid to constant invert to follow ground level, NK900 sump unit, Ref.06231 Junction, Gratings to be Ref.482QL perforated stainless steel to secure area and Ref.470QL slotted stainless steel elseware.

Above ground:

Soil and vent pipes to be fitted externally and project min. 1m above opening light, stub stacks to be fitted internally with Durgo valves and project min. 1m above the highest fitting. Wastes 110mm to wc's, 32mm to basins generally, 40mm to sinks generally, basin and sink wastes over 2m in length to be 50mm.
Sinks and basins to be fitted with bottle traps with 75mm seal.

Pipework in ceiling voids to be Saint Globain Ensign cast iron drainage system with lightweight cast-iron socketless pipes and fittings connected by two-piece ductile iron couplings.

Floor gullies to be Wade International: Grating to be secure fixed stainless steel ref.K2106H, with cast iron accessible trap ref.G304 and coupling ref.T1501

All Dimensions and Levels to be verified on site.
Do not scale this drawing.
Any discrepancies to be notified to the originator of this drawing immediately.
If in doubt, ask.
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Rev.	Date	Description	By	Chk'd

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Client
Ruby Hunt Trust

Project
Donington Community Centre

Drawing Title
Proposed Floor Plan

Drawn By	Checked By
JLH	DS
Scale	Date
1:50	April 2005
Project No.	Drawing No. / Revision
X/032/0001	002

Drawing Status
~~Preliminary~~ TENDER

DETERMINED PLAN

SHDC
Planning & Development
22 JUL 2005
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