

GENERAL NOTES
 1) Drawing and design Copyright.
 2) Figured dimensions only are to be used.
 3) All dimensions to be checked on site, differences between drawings and specification or bills of quantities to be referred to OPTIMA B.E.S. Ltd.

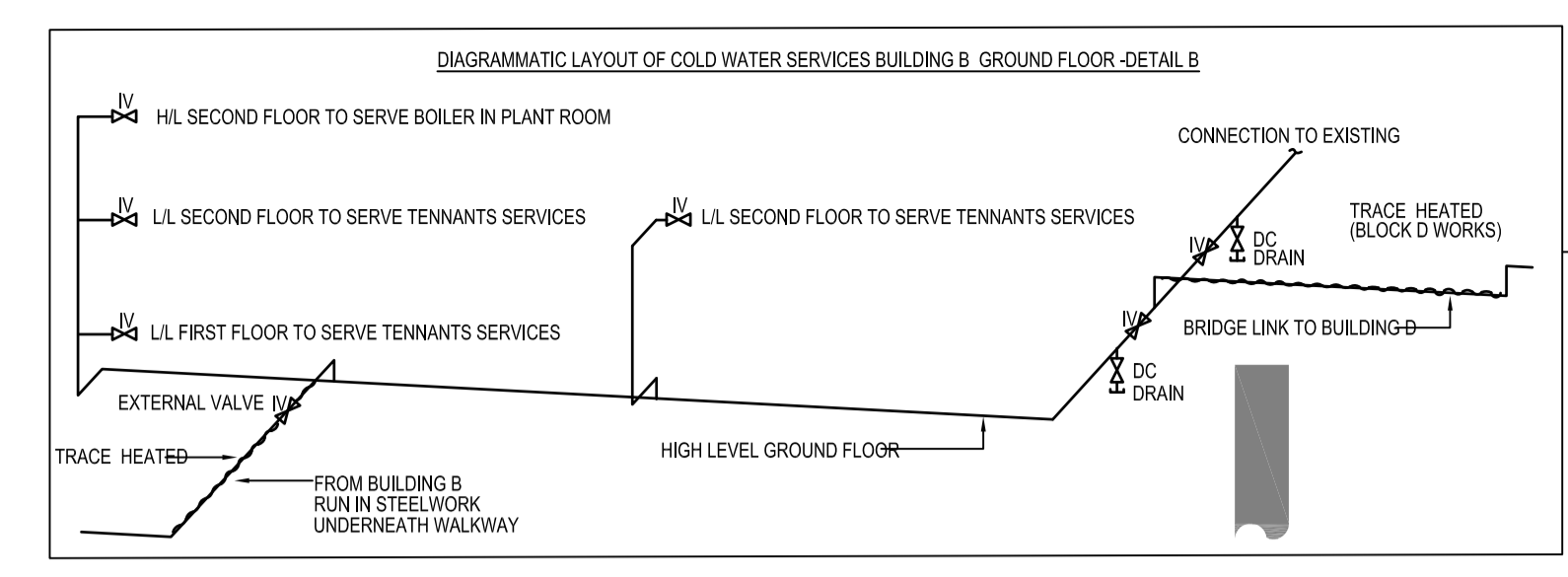
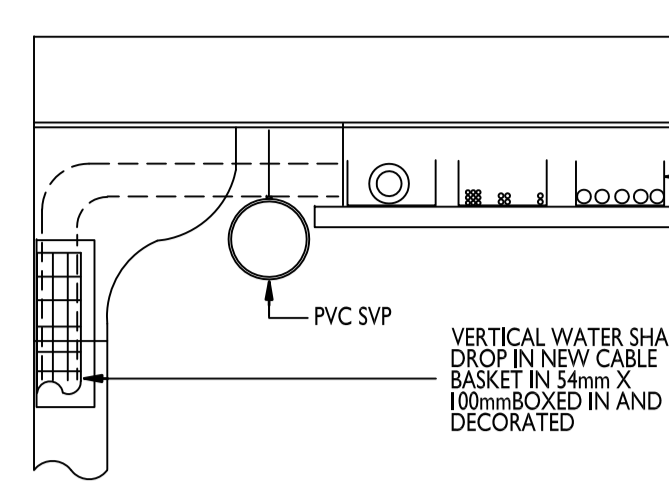
RELATED DRAWINGS & SPECIFICATIONS SCHEDULE (AT TIME OF ISSUE)

OPTIMA	AP297-E-50-T	BLOCK B-ELECTRICAL SERVICES SCHEMATIC
OPTIMA	AP297-E-100-T	BLOCK B-EXISTING SERVICES FRONT ELEVATION
OPTIMA	AP297-E-200-T	BLOCK B-SERVICES ELECTRICAL GROUND, FIRST & SECOND
OPTIMA	AP297-M-201-T	BLOCK B-SERVICES MECHANICAL GROUND, FIRST & SECOND
OPTIMA	AP297-E-300-T	BLOCK B-SERVICES FRONT & REAR ELEVATION
OPTIMA	AP297-JULY 2014	BLOCK B-MECHANICAL & ELECTRICAL SPECIFICATION

WALL COLUMN

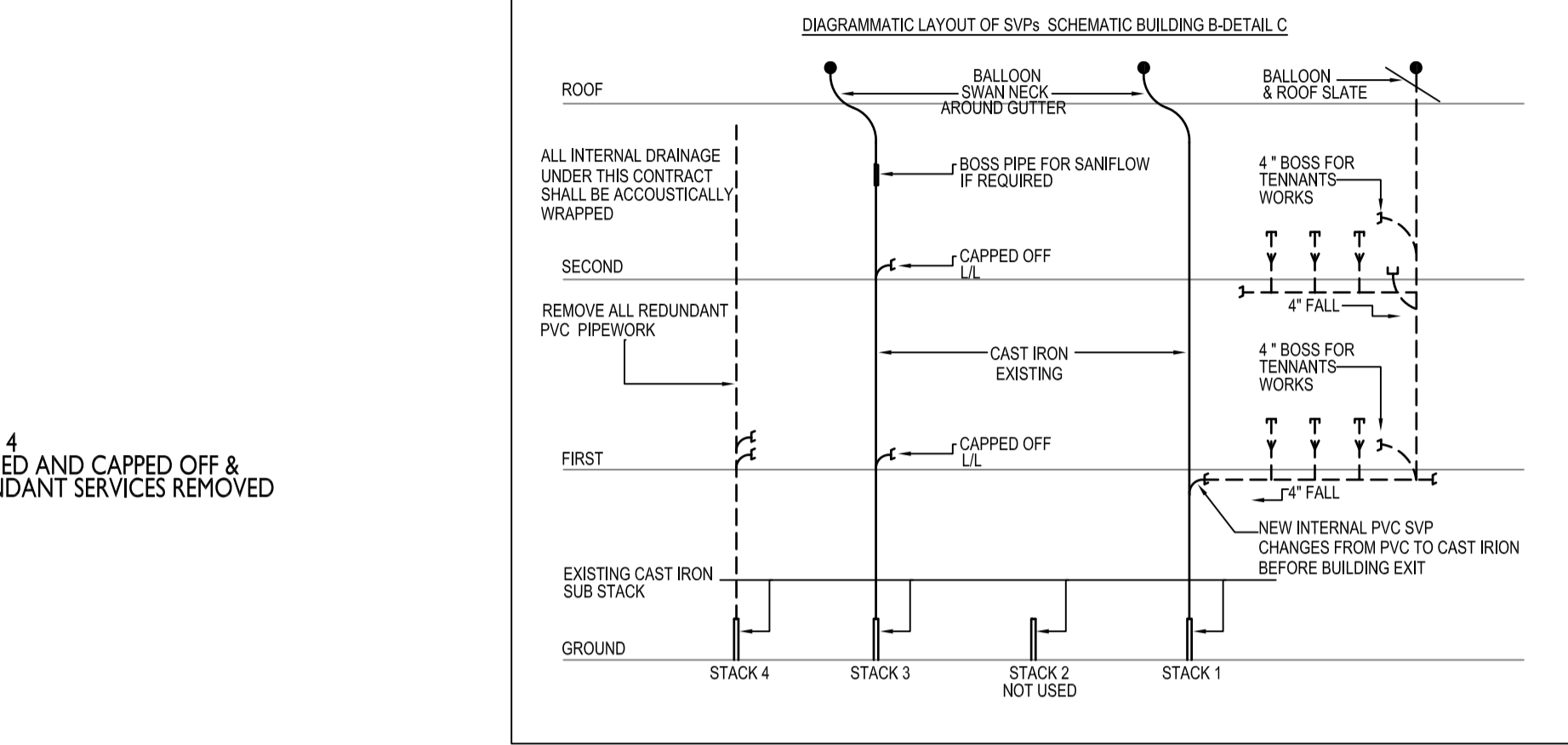
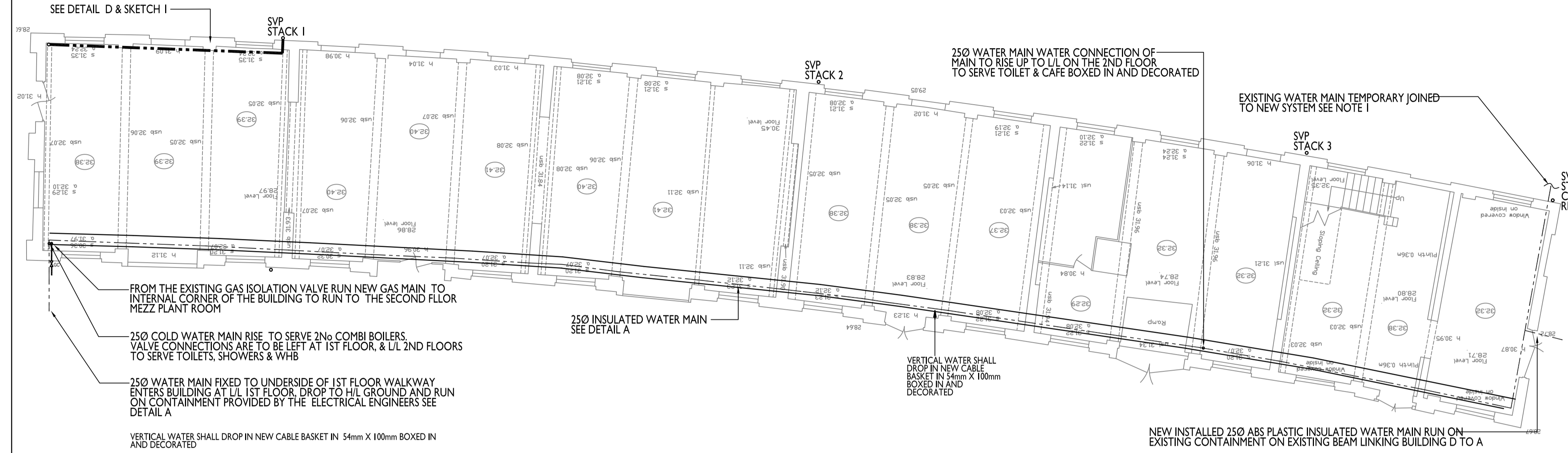


DETAIL A "SEE SKETCH I"

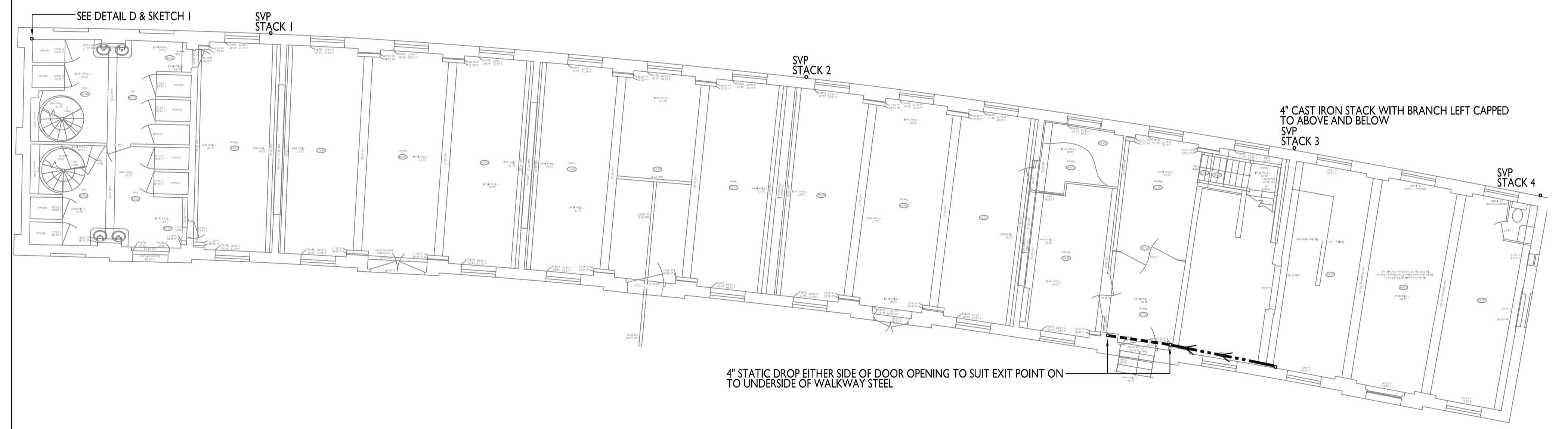


The running at ground floor a new water main upon a supporting frame provided by the electrical engineer, off this main will be run a independently supported water supply up to the 2nd floor toilet and restaurant and kitchen at the block "D" end of the building, this main is to be adequately sized to accommodate the fittings and will be valued and capped off for pick up by others, within the toilet area.
 At the other end of the building a adequately sized water main will be run up internally, independently supported to serve the Combi boilers on the 2nd floor mezzanine level, provision is also to be made to provide a stopcock/capped water connection at low level at 1st and 2nd floor to be picked up by others.
 Finally a connection shall as a temporary measure is to be linked into the existing watermain at block "D" End all as described on drg no

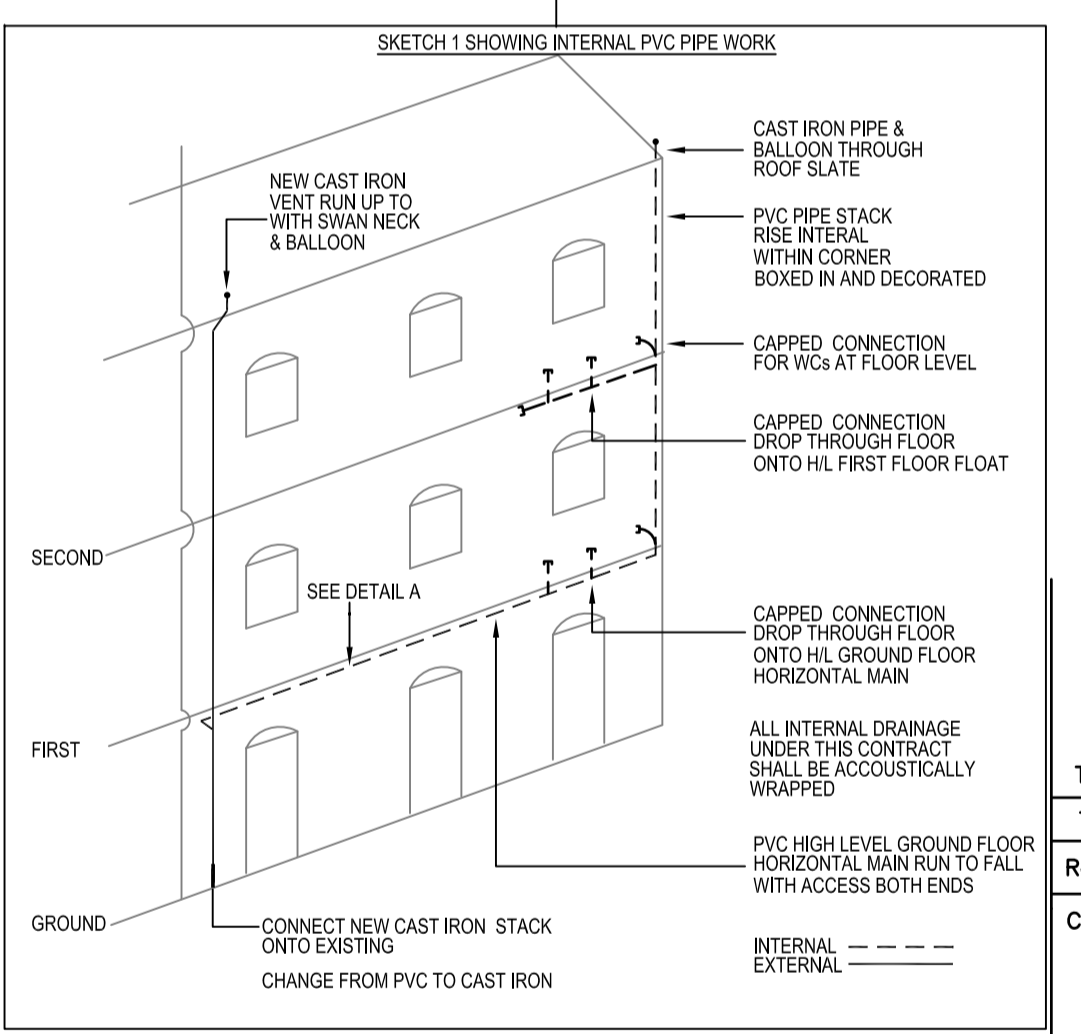
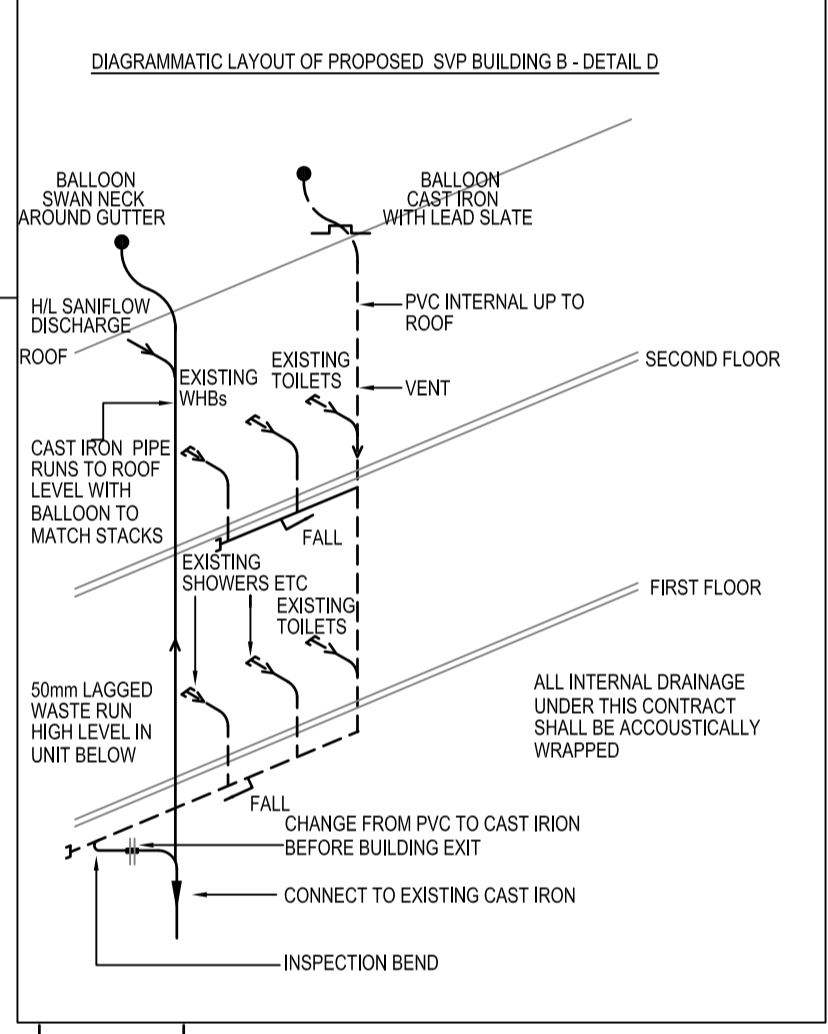
GROUND FLOOR



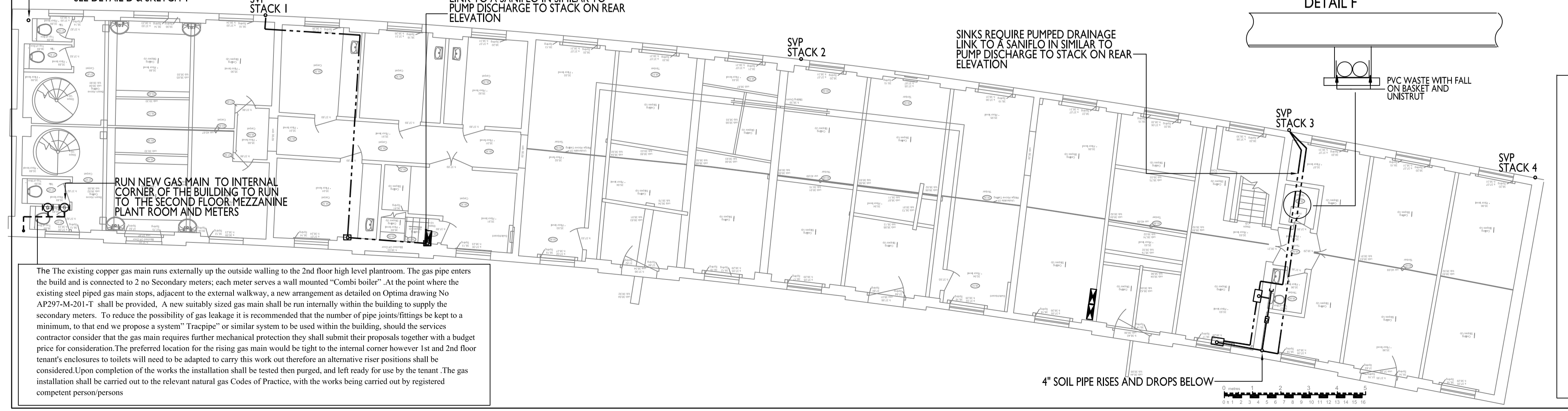
FIRTS FLOOR



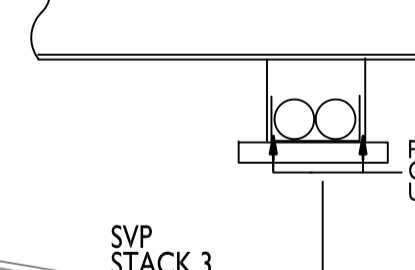
It is assumed that the planners will not allow a horizontal run of external drainage from the proposed new stack to pick up 1st and 2nd floor existing toilets and fittings at block "B" end. It is therefore proposed that the new stack (designated stack 1) will rise to the roof externally in cast iron, at high level ground floor a branch will be provided to enter the building, whence it will rise up to vent to atmosphere, termination being in Cast iron with suitable lead slate and wire balloon as before.
 It is proposed that the services contractor leave a single capped 110mm dia connection at each floor for toilets, and low level capped connections for showers and washhand basins as per the schematic
 To enable the tenants contractor, sufficient scope to grade his falls correctly it is proposed that whilst the wc pans branch connectors on the 2nd floor will be at low level, the connections left for the showers and wash hand basins will on a high level float on the first floor with branches brought back up to low level 2nd floor then capped
 It is proposed that the same arrangement apply to the 1st floor with wasted dropping on to a high level float on the ground floor
 All pipework to be acoustically treated and fire collars fitted at all penetrations



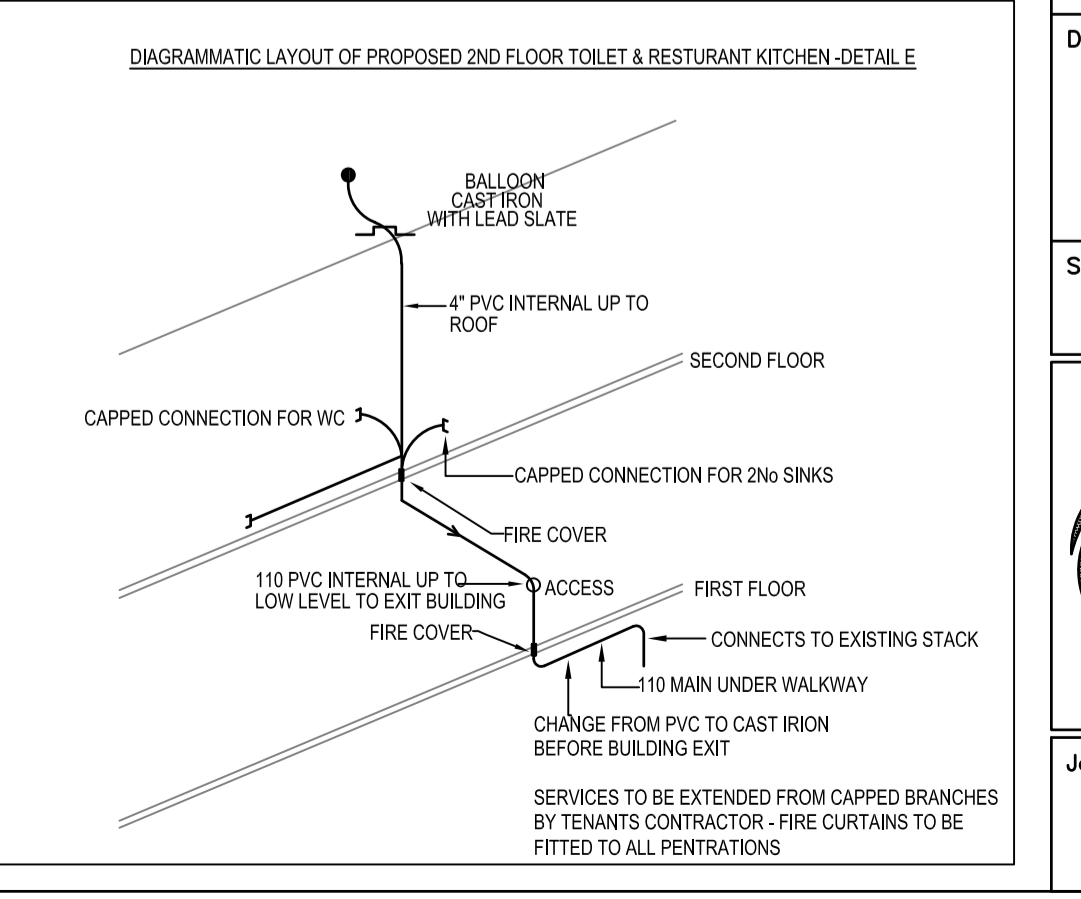
SECOND FLOOR



DETAIL F



We have made the assumption that the planners will allow an external stack on Building "C" (the Cuban bar) to take the public toilets
 See Schematic for "C" general notes
 Stack 1 and 3 will be run from an existing point at ground level in cast iron; external to the building.



The existing copper gas main runs externally up the outside walling to the 2nd floor high level plantroom. The gas pipe enters the build and is connected to 2 no Secondary meters; each meter serves a wall mounted "Combi boiler". At the point where the existing steel piped gas main stops, adjacent to the external walkway, a new arrangement as detailed on Optima drawing No AP297-M-201-T shall be provided. A new suitably sized gas main shall be run internally within the building to supply the secondary meters. To reduce the possibility of gas leakage it is recommended that the number of pipe joints/fittings be kept to a minimum, to that end we propose a system "Traspipe" or similar system to be used within the building, should the services contractor consider that the gas main requires further mechanical protection they shall submit their proposals together with a budget price for consideration. The preferred location for the rising gas main would be tight to the internal corner however 1st and 2nd floor tenant's enclosures to toilets will need to be adapted to carry this work out therefore an alternative riser positions shall be considered. Upon completion of the works the installation shall be tested then purged, and left ready for use by the tenant. The gas installation shall be carried out to the relevant natural gas Codes of Practice, with the works being carried out by registered competent person/persons

T1	15-01-15	TENDER ISSUE ARCHITECTS COMMENTS ADDED
T	11-08-14	TENDER PROVISIONAL ISSUE

Client	STANLEY SIDINGS		
Project	CAMDEN STABLES MARKET LONDON		
Drawing	BUILDING B MECHANICAL SERVICES GROUND, FIRST & SECOND FLOOR		
Scale	1:100	Date	July 2014
Drawn	TA	Checked	DB
Job No.	AP297	Drawing No.	M201
Revision			T1

