

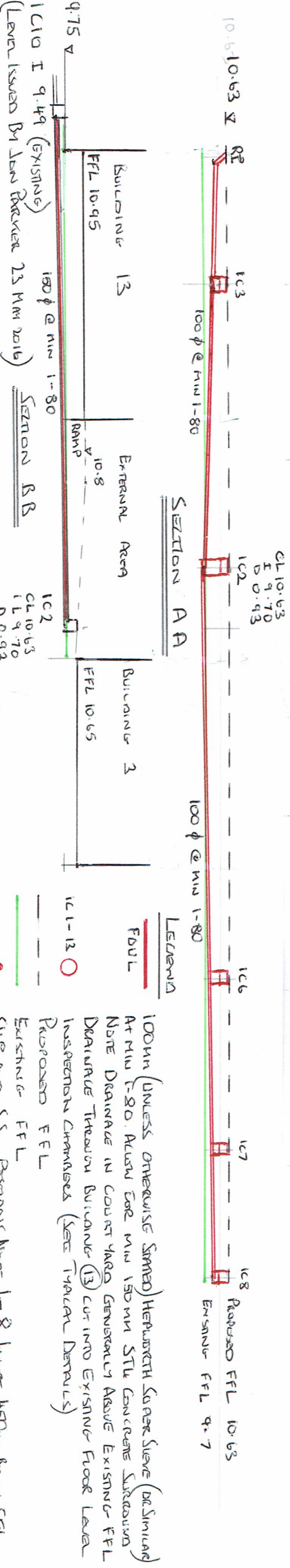
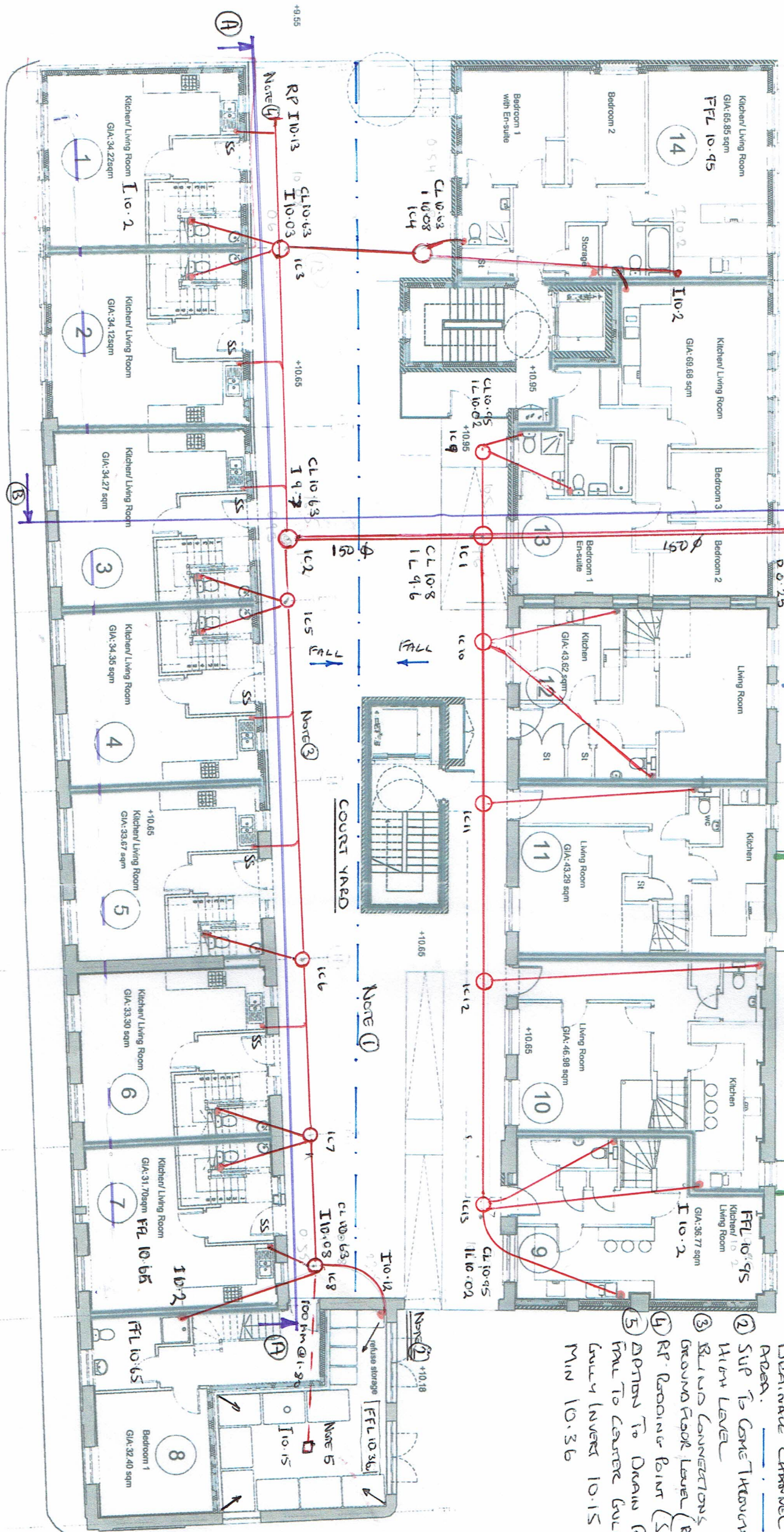
Adjacent Building

Existing For Tank/Ramp System

Adjacent Building

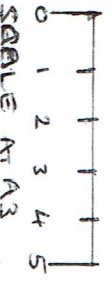
PRELIMINARY

Notes
1. Possible Position For Separate Water Drainage Channel To Down External Area.
2. SUE To Come Through Wall In Refuse Area At High Level
3. Run Connections From SUE Sinks At Ground Floor Level (Remove Access At SUE Sink)
4. RP Rooming Point (See Typical Detail)
5. Option To Drain Refuse Store. Fall To Center Gully (Make Q40s with Filter Bypass Gully Invert 10.15 To Achieve Fall To Be Min 10.36



100mm (UNLESS OTHERWISE STATED) HEPBURNTH SORPER SIEVE (DESIMILAR AT MIN 1-80) ALLOW FOR MIN 150mm STL CONCRETE SURROUNDING
NOTE DRAINAGE IN COURTYARD GENERALLY ABOVE EXISTING FFL
DRAINAGE THROUGH BUILDING (13) CUT INTO EXISTING FLOOR LEVEL
INSPECTION CHAMBERS (SEE TYPICAL DETAILS)
PROPOSED FFL
EXISTING FFL
SUE AND SS POSITIONS NOTE 1-8 MUST BE 450mm BELOW FFL
9-14 MUST BE 750mm BELOW FFL

Basins Ground Drainage
DESIGN ISSUE FOR
COMMENT 26 MAR 2016



CURIOUS
IT ALL BEGINS WITH THE IDEA.

HEXAGON
STOUR STREET
CANTERBURY

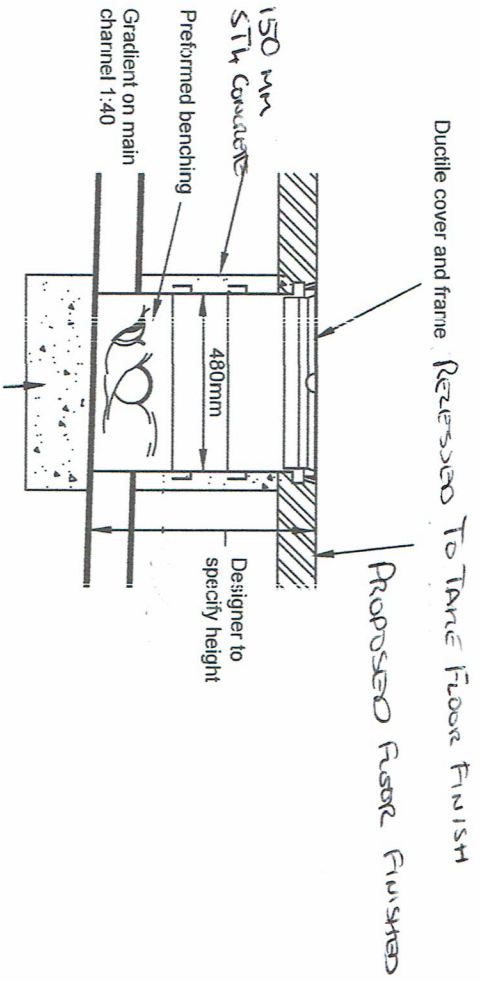
Ground Floor
General Arrangement
As Proposed

20200

Current
20200

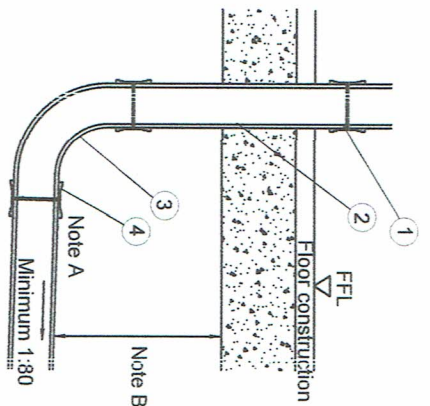
TYPICAL INSPECTION CHAMBER DETAIL 1:20

100mm Polypropylene Inspection Chamber, Light Loads



100mm bed of selected as-dug material (well compacted) or granular material of 150mm of concrete. If concrete is used place chamber in position whilst concrete is wet in order that it takes the shape of the chamber base.

REST BEND 1:20

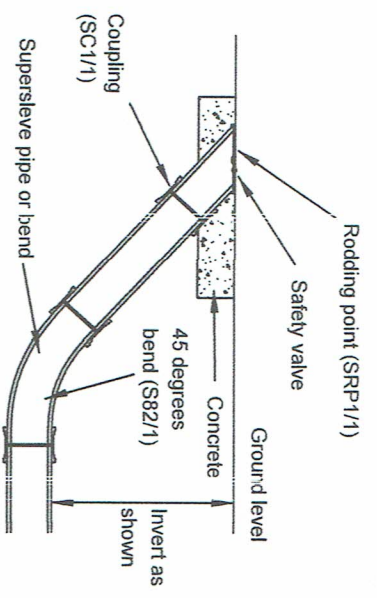


NOTE A: Joint maximum 150mm from face of concrete surround (for all situations).
NOTE B: Where cover beneath slab is <300mm ST4 concrete surround to encase pipe.

REST BEND DETAILS

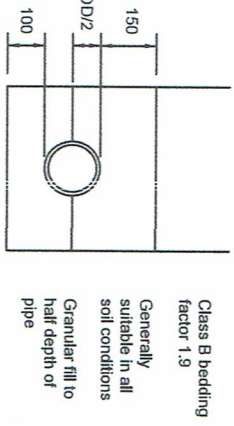
1. Suitable connection: piece from internal drainage to below ground drainage type.
2. Connection piece cut to size
3. Rest bend minimum 150mm ST4 concrete surround, minimum 450mm minimum 750mm from lowest connection to invert.
4. Invert adjusted to allow connections to pass underground beams. Easy bends (rodtable) used to form connections where required.

(UNITS 1-8)
(UNITS 9-14)



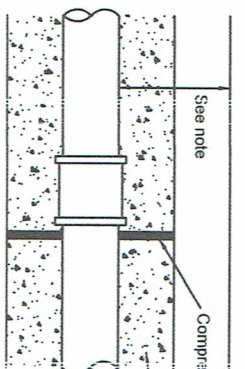
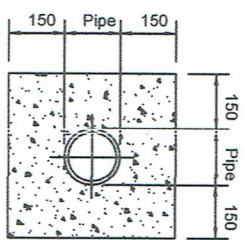
RODDING POINT 1:20

CLASS B PIPE SURROUND DETAIL 1:20



- 1) Selected fill - free from stones larger than 40mm, lumps of clay over 100mm, timber, frozen material, vegetable matter.
- 2) Granular material - for rigid pipes the granular material should conform BS EN 1610, Annex B, table B15 and should be single size material or graded material from 5mm up to a maximum size of 10mm for 100mm pipes, 14mm for 150mm pipes, 20mm for pipes from 150mm to 600mm and 40mm for pipes more than 600mm diameter. Compaction fraction maximum 0.3.
- 3) Selected fill or granular fill free from lumps larger than 40mm.

CONCRETE PIPE SURROUND DETAIL 1:20



NOTE
If depth from slab to top of pipe is less than 300mm use concrete surround (generally under building)