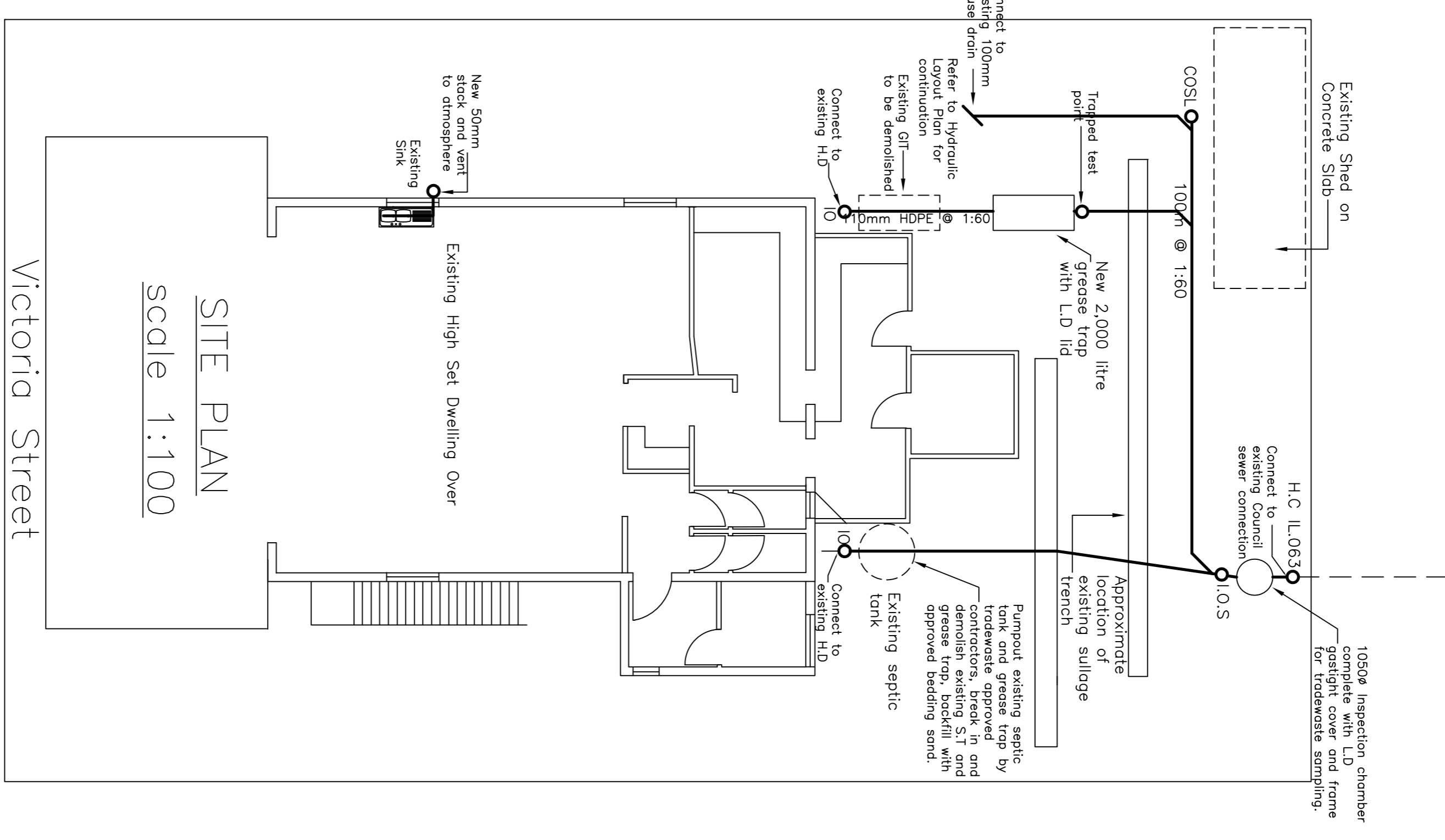


Existing wc cisterns to be fitted with 6/3 flush Shower to be fitted with 5 star shower rose.

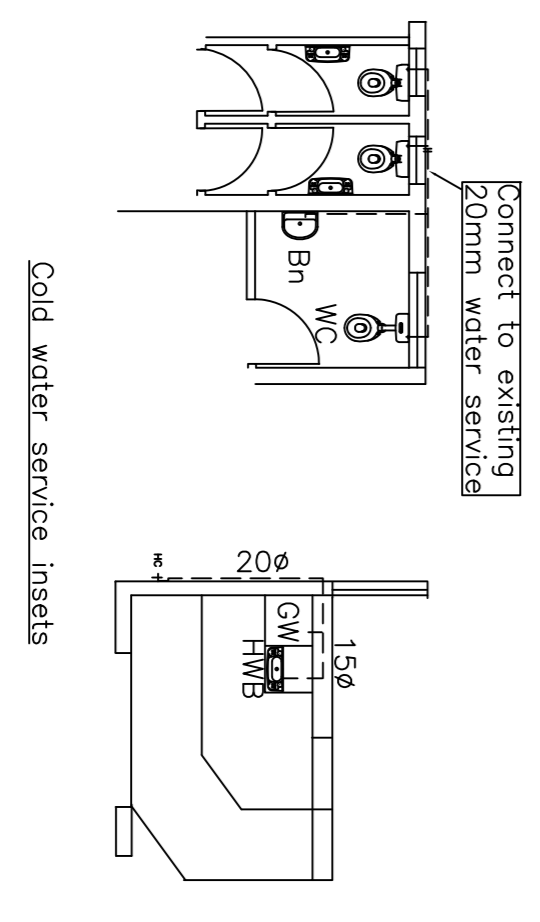
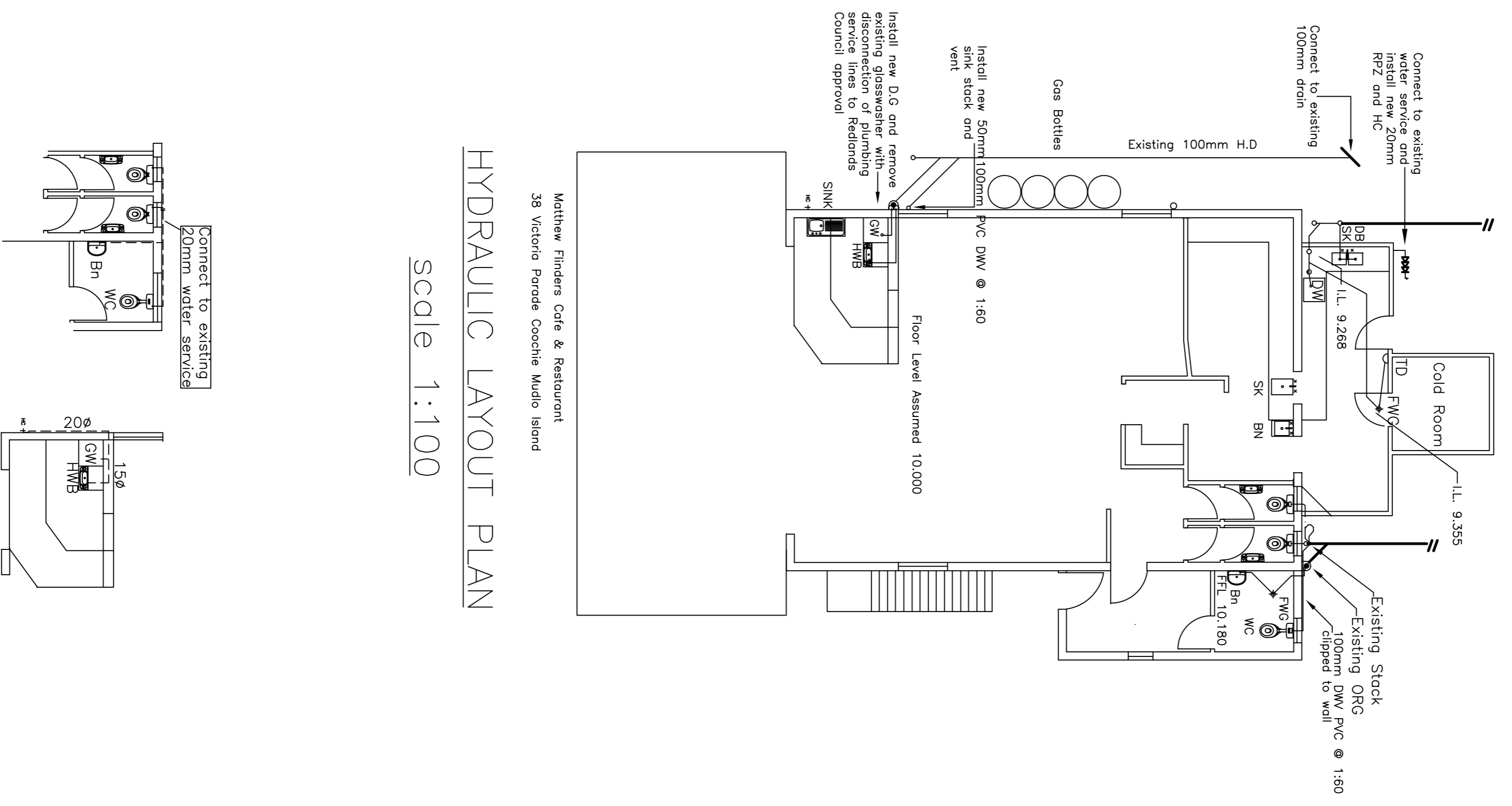
GREASE INTERCEPTOR TRAP SIZING	
FIXTURE	CAPACITY
Commercial double bowl kitchen sink	280 litres
Basin	30 litres
Dishwasher Medium Upright	500 litres
Commercial single bowl sink x 2 (140 litres each)	280 litres
Residential single bowl sink	140 litres
<b>TOTAL:</b>	<b>1230 litres</b>



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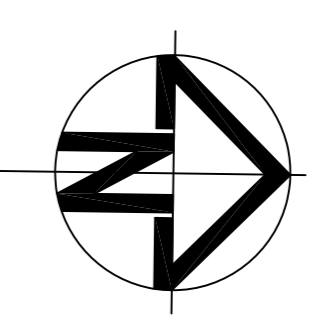
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<b>TOTAL:</b>	<b>1230 litres</b>

HYDRAULIC LAYOUT PLAN  
Scale 1:100



LEGEND

- EXISTING DRAINAGE
- DRAINAGE & SANITARY PLUMBING
- STORAGE LINE
- HOT WATER
- COLD WATER
- FIRE SERVICE
- VENT PIPE
- PIPE RISER/DROPPER
- THERMOSTATIC MIXING VALVE
- TEMPERING VALVE
- CHECK VALVE
- CONTROL VALVE
- COLD WATER RELIEF VALVE
- WATER METER



NOTES

- GENERAL NOTES**
- WATER SUPPLY AND SANITARY DRAINAGE HAS BEEN DESIGNED AND IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE SEWERAGE AND WATER SUPPLY ACT AMENDMENT ACT 1981 QID
  - THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS AND WITH SUCH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED BY THE ARCHITECT OR ENGINEER RESPONSIBLE FOR THE PROJECT. ANY DISCREPANCY SHALL BE REFERRED TO THE SUPERVISING OFFICER FOR DECISION BEFORE PROCEEDING WITH THE WORK
  - CONTRACTOR TO VERIFY ALL INVERT LEVELS, SURFACE LEVELS AND COVER TO PRES IS CORRECT AND OBTAINABLE, PRIOR TO COMMENCEMENT OF WORK.
  - CONCRETE THURST BLOCKS SHALL BE USED ON ALL UNDERGROUND PIPEWORK AT THE BASE OF VERTICAL PIPES AND AT ALL BENDS AND JUNCTIONS.
  - CONCRETE ANCHOR BLOCKS SHALL BE USED AS DIRECTED ON UNDERGROUND PIPE WORK AT GRADES GREATER THAN 1:10
- SANITARY DRAINAGE**
- UNDERGROUND PIPEWORK TO BE 100mm DIA TYPE PVC @ MIN GRADE 1:60 UNO
  - TRADE WASTE PIPES TO GREASE TRAPS TO BE MIN 100mm DIA TYPE VC OR HDPE MIN GRADE 1:40 UNO
  - SOIL WASTE AND VENT PIPES TO BE IN ACCORDANCE WITH BY-LAW 111
- INSPECTION AND TESTING OPENINGS**
- INSPECTION OPENINGS TO BE INSTALLED AT ALL CHANGE IN DIRECTION, WC'S OVER 1m FROM VENTED DRAIN, AND AS SPECIFIED IN BY-LAWS
  - TEST GATES TO BE INSTALLED AT THE BASE OF ALL STACKS
  - SAMPLE POINTS AND INSPECTION OPENINGS TO BE INSTALLED ON THE OUTLET OF ALL GREASE TRAPS
  - INSPECTION OPENINGS AND CLEAN OUTS BROUGHT TO FSL TO HAVE BRASS CAP
- STORMWATER DRAINAGE**
- UNDERGROUND PIPEWORK TO BE PVC
  - EXPOSED PIPEWORK AT GRADE TO BE DWV PVC
  - DOWNPIPES TO BE PVC
  - BEDDING TO UNDERGROUND PIPES TO BE MIN. 75mm APPROVED COMPACTED FILL LAND AND BACKFILLED IN ACCORDANCE WITH THE SEWERAGE AND WATER SUPPLY ACT QID
  - WATER SUPPLY
  - UNDERGROUND PIPEWORK TO BE CLASS 12 POLY
  - ABOVE GROUND PIPEWORK TO BE CLASS B COPPER
  - EXPOSED PIPEWORK IN AMENITIES AREAS, SHOPS AND OFFICES TO BE PVC UNLESS DIRECTED OTHERWISE
  - GATE VALVES TO BE INSTALLED IN ACCESSIBLE LOCATION TO ISOLATE HOT AND COLD WATER TO EACH INDIVIDUAL UNIT, SHOP OFFICE, AMENITIES ETC
  - HOT WATER STORAGE HEATERS INSTALLED ON UNDRAINED AND PERVIOUS SURFACES SHALL BE PROVIDED WITH A NON-CORROSIVE METAL SAFE TRAY.
  - VENT PIPE SET OUT
  - ALL VENT PIPES THAT ARE TO BE ACCOMODATED WITHIN WALL STUDS ARE TO BE DETAILED BY ARCHITECT

RPD  
LOT 210  
RP 97359  
COUNTY OF STANLEY  
PARISH OF CLEVELAND

HYDRAULIC SERVICES  
COUNCIL SEWER CONNECTION

Drawn	Designed	Approved	Date
TC	Fred Nitz		Aug 08
scale	Drawing Number	Issue	
1:100	MFC 1001	B	

**NITZ HYDRAULIC SERVICES PTY LTD**

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