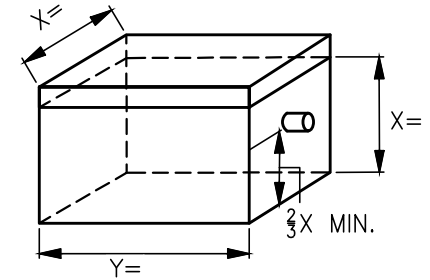


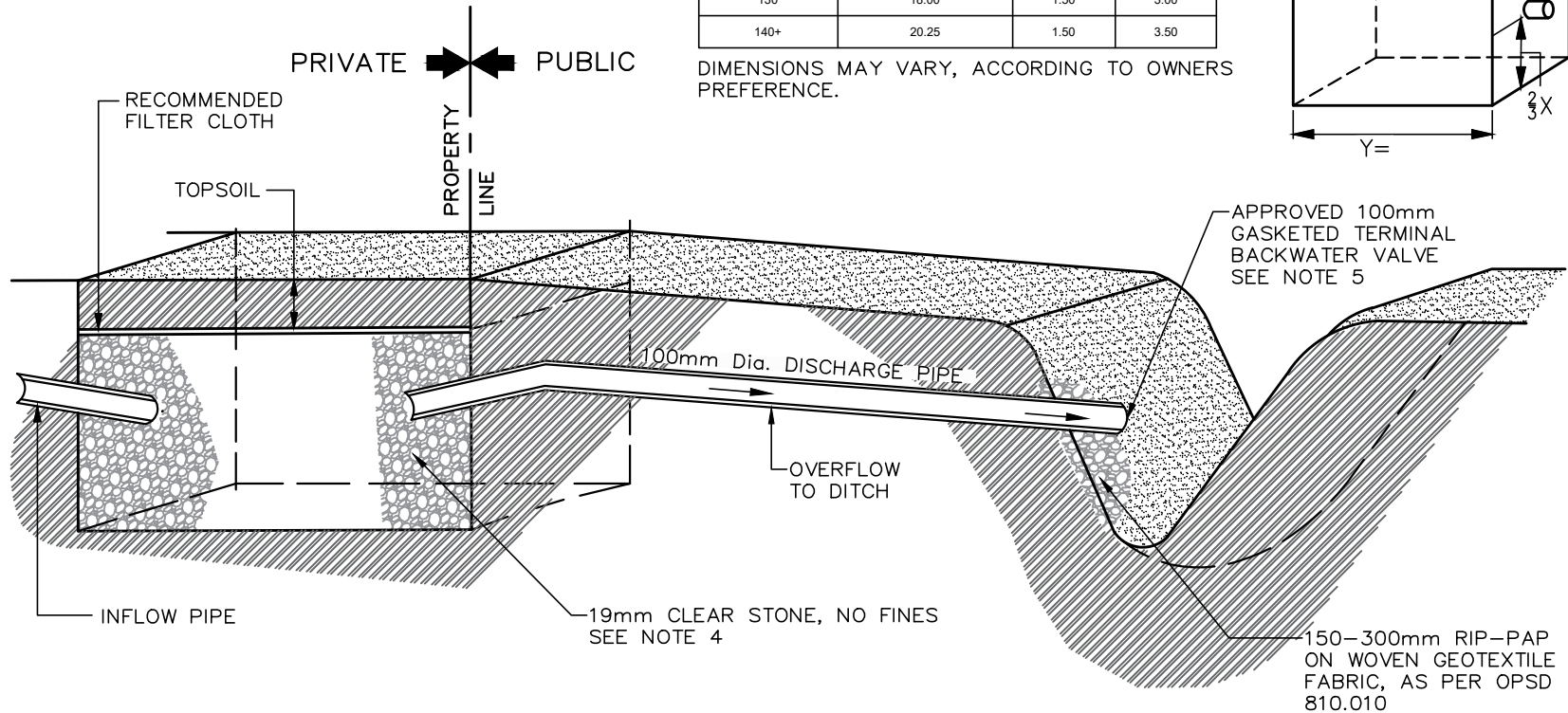
FORMULA = $3(XY)+2X^2=12.96m^2$
 MIN. SIZE FOR 100 sq.m. OF ROOF SURFACE

ROOF AREA (m ²)	PERCOLATING SURFACE (m ²)	X (m)	Y (m)
100	12.96	1.20	2.80
105	13.50	1.50	2.00
110	15.75	1.50	2.50
120	17.10	1.50	2.80
130	18.00	1.50	3.00
140+	20.25	1.50	3.50

DIMENSIONS TO BE FILLED BY THE P.W.D.



DIMENSIONS MAY VARY, ACCORDING TO OWNERS PREFERENCE.




TYPICAL CROSS SECTION

NOTES:

- ① FOR A HOUSE WITH 100 sq.m. OF GROUND COVERAGE AREA, THE DIMENSIONS OF THE PIT WILL BE 1.2 m WIDE, 1.2m DEEP BY 2.8m LONG. THIS SURFACE WILL VARY PROPORTIONATELY WITH GROUND COVERAGE OF EACH INDIVIDUAL HOUSE.
- ② PIPE DISCHARGED FROM STONE PIT INTO THE DITCH SHOULD BE PLACED HIGH ON BANK.
- ③ INSPECTION OF STONE PIT SHALL BE CARRIED OUT BY P.W.D.
- ④ 19mm CLEAR STONE IN PIT SHALL BE WRAPPED WITH GEOTEXTILE FABRIC.
- ⑤ 100mm CASKETED TERMINAL BACKWATER VALVE TO BE INSTALLED ON OUTLET TO DITCH. RODENT GATES WILL NOT BE ACCEPTED.

NOT TO SCALE

 CITY OF WINDSOR ENGINEERING DEPARTMENT	
STONE PIT	
DR'N BY: TR, AZ	DATE: JUN, 1986
REV. DATE: MAR, 2024	CH'KD BY (ENG): PM, JH
CH'KD BY (GEO/OPS): PJU, AL	PASSED BY: FM
_____ CITY ENGINEER	AS-514