



WATER CLOSET SPACE

RUMBING...PASS.ON FALT?

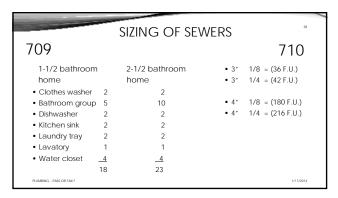
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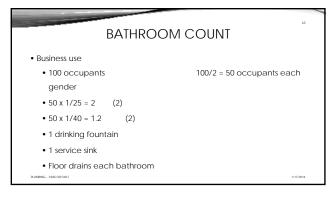


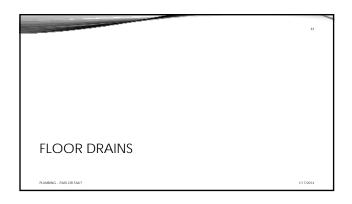
















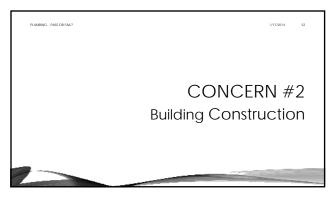


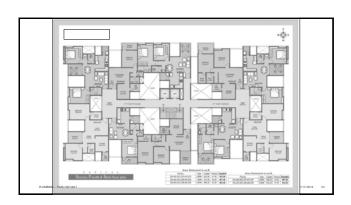










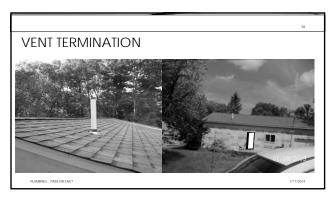
























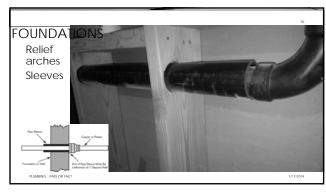








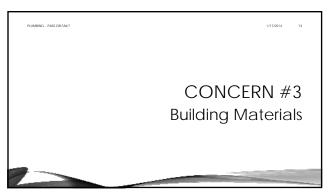








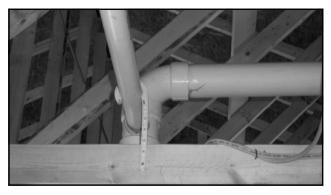




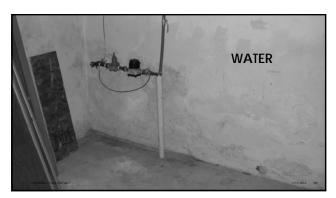








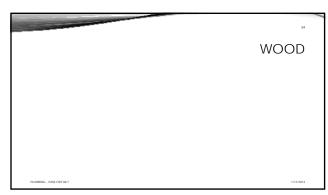






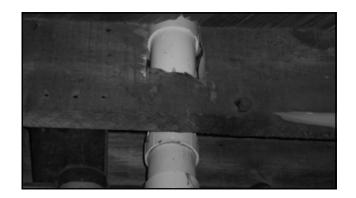


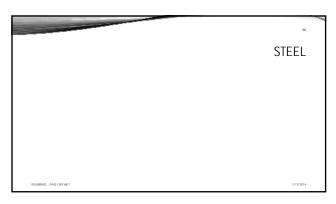




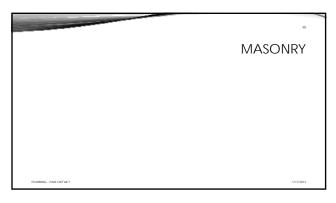


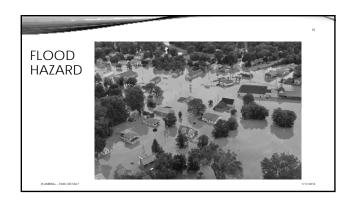










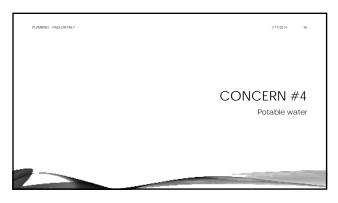


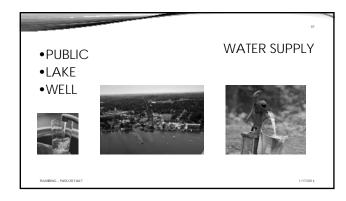


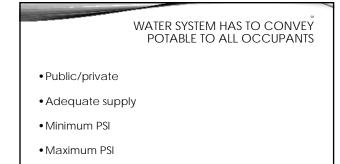


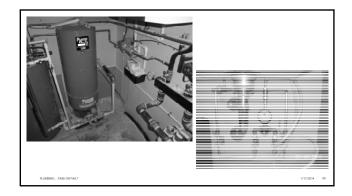






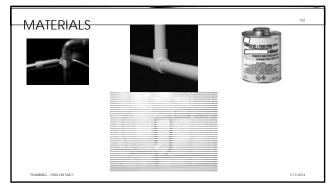






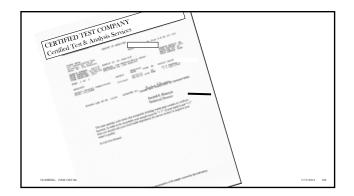




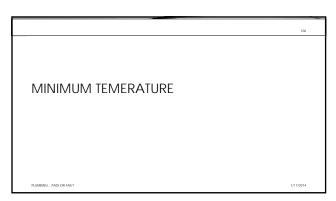


WATER SAMPLE – TEST

- •Test to no less than 50 psi
- •NSF 61
- •Potable water source shall be used to test water piping



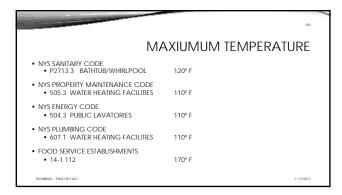




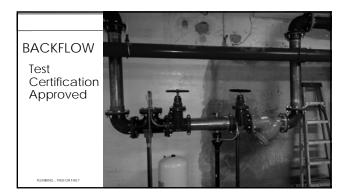


MAXIUMUM TEMPERATURE • NYS RESIDENTIAL CODE • P2708.3 SHOWER 120° F BIDET 110° F • P2802.2 WATER-SPACE HEATER FOR SPACE HEATING SHALL HAVE A MASTER THREMOSTATIC MIXING VALVE TO TEMPER THE WATER TO A TEMPERATURE OF 140° OR LESS FOR DOMESTIC USES

• P2721









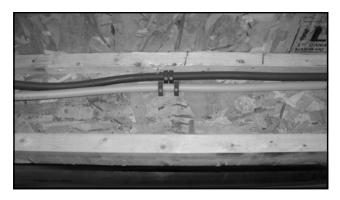
PIPE SUPPORT

RUMBNG.- PASS OR FAL?

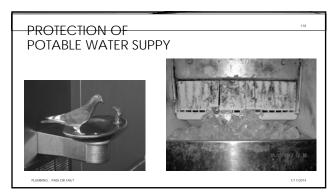
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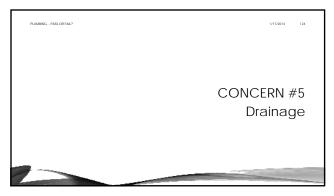


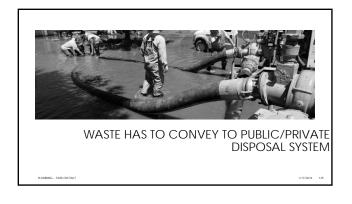






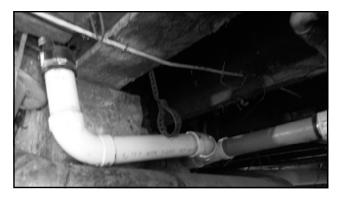
















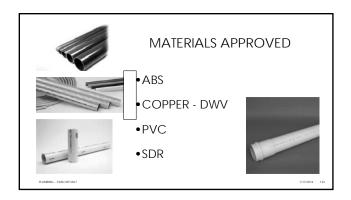


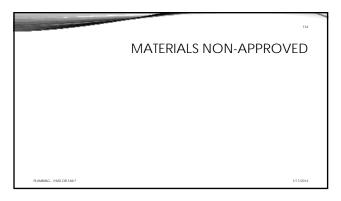
DWV SYSTEMS SHALL NOT COMPROMISE BUILDING ELEMENTS:

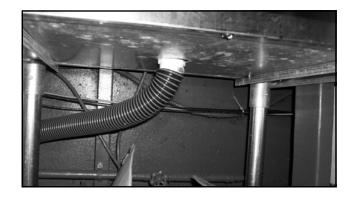
- Structure
- Walls
- Penetrations
- Nuisance to others
- Weather
- Systems have to breathe flow of air thru system

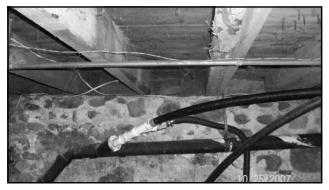
PLUMBING... PASS OR FAIL?

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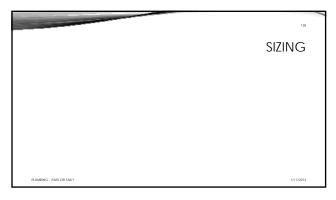


TABLE 710.1(1) BUILDING DRAINS AND SEWERS							
	MAXIMUM NUMBER OF DRAINAGE FIXTURE UNITS CONNECTED TO ANY PORTION OF THE BUILDING DRAIN OR THE BUILDING SEWER, INCLUDING BRANCHES OF THE BUILDING BRAIN* Slope per foot						
DIAMETER OF PIPE (inches)							
	1/ ₁₆ inch	1/a inch	1/4 inch	36 inch			
11/4	_	_	1	1			
11/2	_	_	3	3			
2	-	_	21	26			
21/2	_	_	24	31			
3	_	36	42	50			
4	_	180	216	250			
5	_	390	480	575			
6	_	700	840	1,000			
8	1,400	1,600	1,920	2,300			
10	2,500	2,900	3,500	4,200			
12	3,900	4,600	5,600	6,700			
15	7.000	8,300	10,000	12,000			

TABLE 710.1(2) HORIZONTAL FIXTURE BRANCHES AND STACKS *						
	MAXIMUM NUMBER OF DRAINAGE FIXTURE UNITS (dfu)					
		Stacks ^b				
DIAMETER OF PIPE (inches)	Total for horizontal branch	Total discharge into one branch interval	Total for stack of three branch intervals or less	Total for stack greater than three branch intervals		
11/2	3	2	4	8		
2	6	6	10	24		
21/2	12	9	20	42		
3	20	20	48	72		
4	160	90	240	500		
5	360	200	540	1,100		
6	620	350	960	1,900		
8	1,400	600	2,200	3,600		
10	2,500	1,000	3,800	5,600		
12	3,900	1,500	6,000	8,400		
15	7,000	Note c	Note c	Note c		

For SI: 1 inch = 25.4 mm

a. Does not include branches of the building drain. Refer to Table 710.1(1).

b. Stacks shall be sized based on the total accumulated connected load at each story or branch interval. As the total accumulated connected load decreases, stacks are permitted to be reduced in size. Stack diameters shall not be reduced to less than one-half of the diameter of the largest stack size required.

