

PLUMBING FIXTURE CONNECTION SCHEDULE					
NO.	DESCRIPTION	DRAIN	WATER		REMARKS
			COLD	HOT	
WC	WATER CLOSET	3"	1/2"	---	FLUSH TANK, 1.28 GPF
LAV	LAVATORY (COUNTER TYPE)	1 1/2"	1/2"	1/2"	PROVIDE 0.5 GPM FAUCET
SH	SHOWER (NOTE 1)	2"	3/4"	3/4"	BASIN BY ARCH. (PROVIDE 1.5 GPM SHOWERHEAD)
SK	KITCHEN SINK	1 1/2"	1/2"	1/2"	PROVIDE 1.5 GPM FAUCET
SK-1	LAUNDRY SINK	1 1/2"	1/2"	1/2"	PROVIDE 1.5 GPM FAUCET
REF	REFRIGERATOR	---	1/2"	---	PROVIDE ICE MAKER KIT
W	CLOTHES WASHER	3"	1/2"	1/2"	BY OWNER, PROVIDE RECESSED BOX, GUY GREY T200 OR EQUAL
DW	DISHWASHER	1" IND	---	1/2"	---
H.B.	HOSE BIBB	---	1/2"	---	WITH S.O.V. AND VACUUM BREAKER

NOTES: 1. ALL SHOWER HEADS SHALL BE OF THE ANTI-SCALD, PRESSURE BALANCE TYPE.  
2. ALL FIXTURES SHALL COMPLY WITH THE FLORIDA BUILDING CODE WATER CONSERVATION STANDARDS.  
3. ALL PLUMBING FIXTURES, FIXTURES FITTING AND APPLIANCES FOR NEW OR SUBSTANTIALLY RESIDENTIAL AND COMMERCIAL STRUCTURES SHALL INCLUDE HIGH EFFICIENCY PLUMBING FIXTURES, FIXTURE FITTING AND APPLIANCES AS PROVIDE IN TABLE 604.4 OF SECTION 8-31 OF THE CODE OF MIAMI-DADE COUNTY.  
(W/C 1.28 gpf, LAV 0.5 gpm @ 60 psi INLET, SH HEAD 1.5 gpm, KIT FAUCETS 1.5 gpm @ 60 psi INLET.)  
4. BATHTUB AND WHIRLPOOL BATHTUB VALVES SHALL BE IN COMPLIANCE W/TEMPERATURE CONTROL REQUIREMENTS AS PER FBC P2713.3

### STEEL PIPE

SPANS SHOWN AGREE WITH VALUES SHOWN IN MSS SP-69, ANSI B31.1, AND ASME SUBSECTION NF

NOMINAL PIPE SIZE		1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12	14	16	18	20	24	30		
MAXIMUM SPAN (FEET)	WATER SERVICE	7	7	7	7	9	10	11	12	13	14	16	17	19	20	23	25	27	28	30	32	33		
	STEAM GAS AIR SERVICE	8	9	9	9	12	13	14	15	16	17	19	21	24	26	30	32	35	37	39	42	44		
HANGER ROD	RECOMMENDED DIAMETER	3/8				1/2				5/8				3/4				1				1 1/4		1 1/2
	MAX RATED LOAD	610				1130				1810				2710				4960				8000		11630

HANGER ROD DIAMETERS MAY BE SELECTED BY PIPE SIZE ONLY AFTER A CHECK THAT THE SUPPORTED LOAD DOES NOT EXCEED THE MAX RATED LOAD OF THAT ROD DIAMETER, AND THAT A PARTICULAR ROD DIAMETER IS NOT REQUIRED BY THE COMPONENT TO WHICH THE ROD IS ATTACHED.

### COPPER TUBING

TUBING SIZE	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10	12
SPAN (FEET)	5	5	6	7	8	8	9	10	11	12	13	14	16	18	19

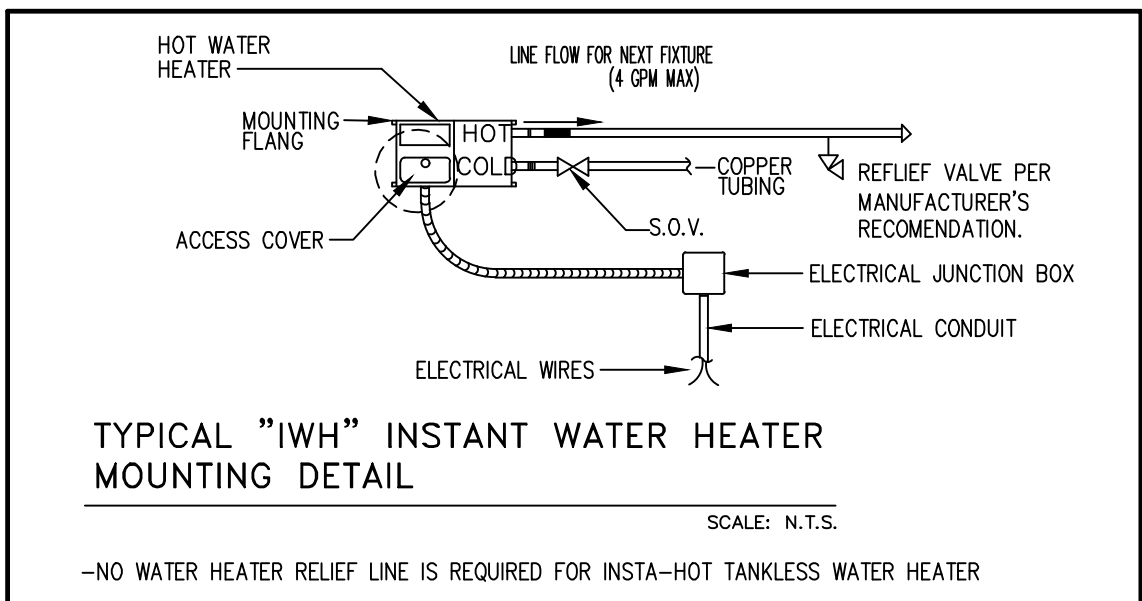
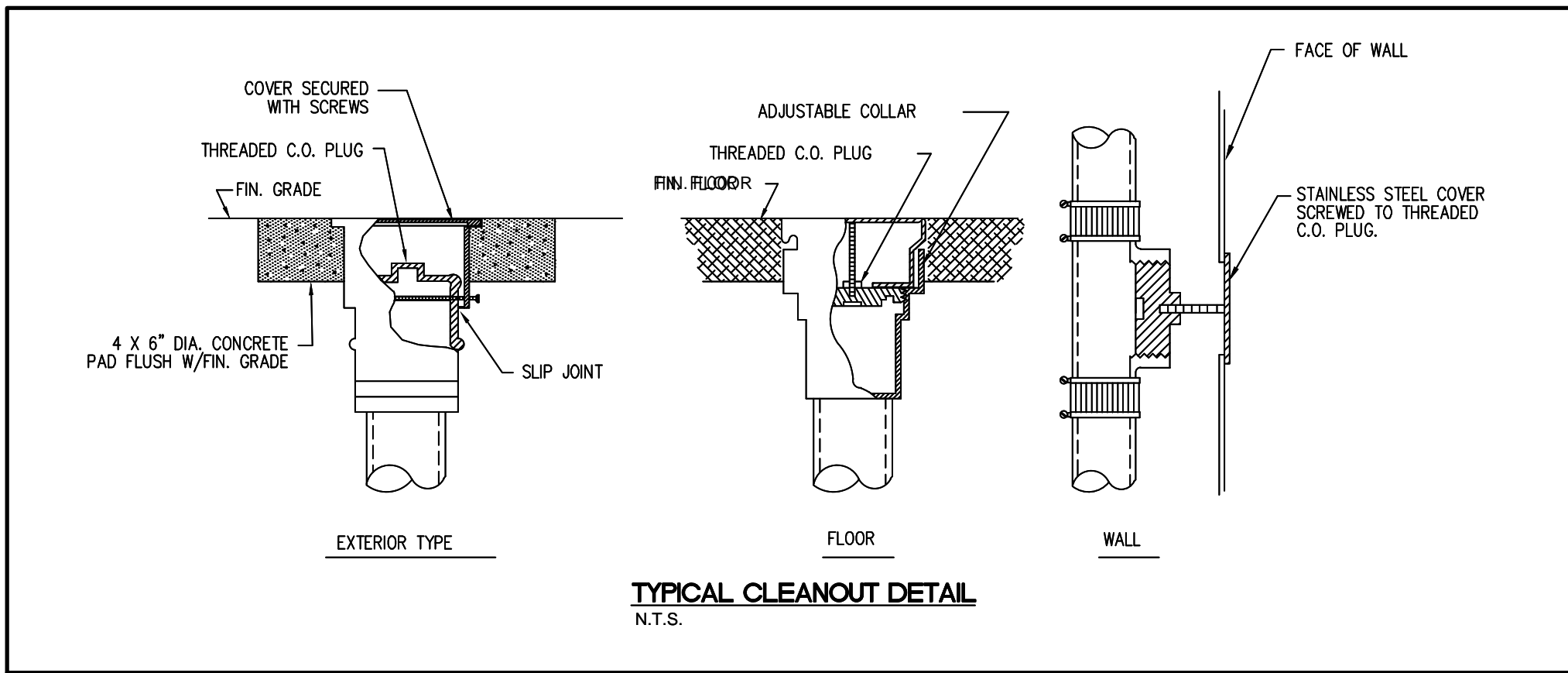
### PVC PLASTIC PIPE (MAX. 100° F)

PIPE SIZE	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	6
SPAN (FEET)	4	4	4	4	5	5	5	5	5	6	6

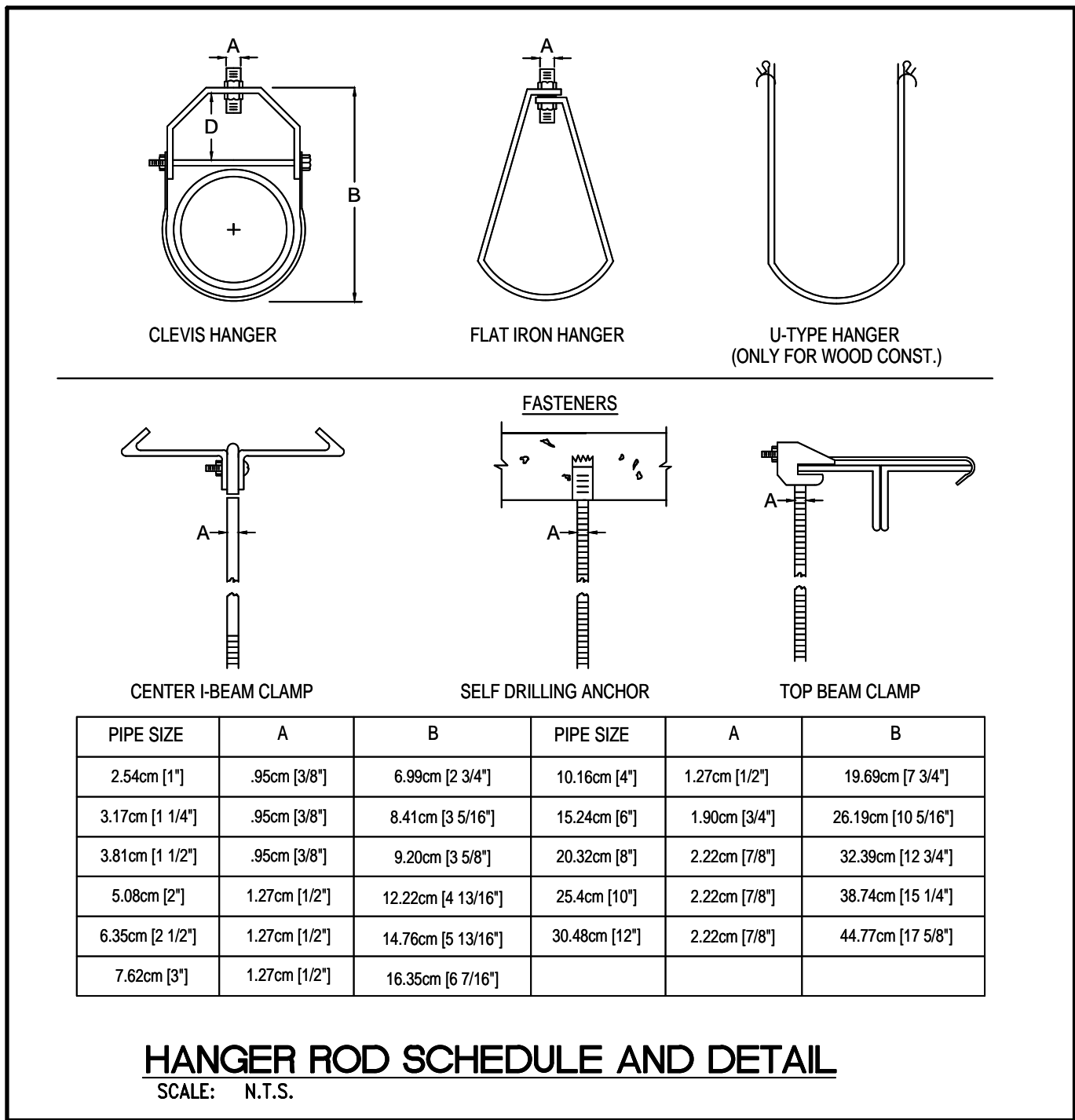
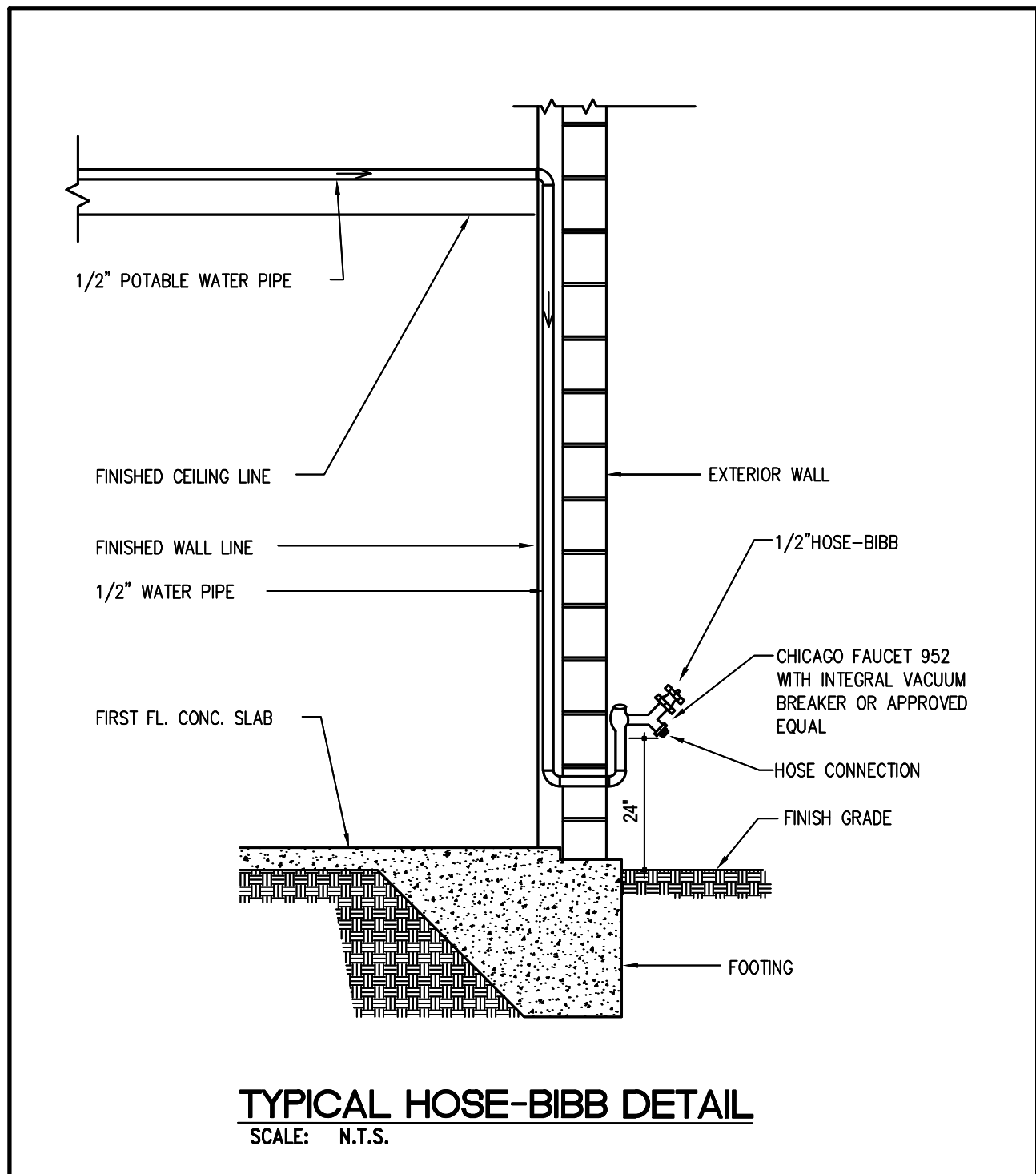
### TABLE 607.2.1 MINIMUM PIPE INSULATION

FLUID DESIGN OPERATING TEMPERATURE RANGE, (°F)	INSULATION CONDUCTIVITY		NOMINAL PIPE DIAMETER OR TUBE SIZE (IN.)				
	CONDUCTIVITY Btu * N	MEAN TEMPERATURE RATING	< 1	1 TO 1-1/2	1-1/2 TO 4	4 TO < 8	8 >
DOMESTIC AND SERVICE HOT WATER SYSTEMS							
> 105	0.22 – 0.285	100	0.5	0.5	1.0	1.0	1.0

Minimum pipe insulation Circulation hot water system shall be insulated in accordance with the requirements of table 607.2.1 FBCP



INSTHOT WATER HEATER SCHEDULE			
MARK	MANUFACTURER	MODEL No.	CHARACTERISTICS
IWH-1	ECO SMART OR EQUAL	ECO 18	18.0 KW, 240V, 1ø



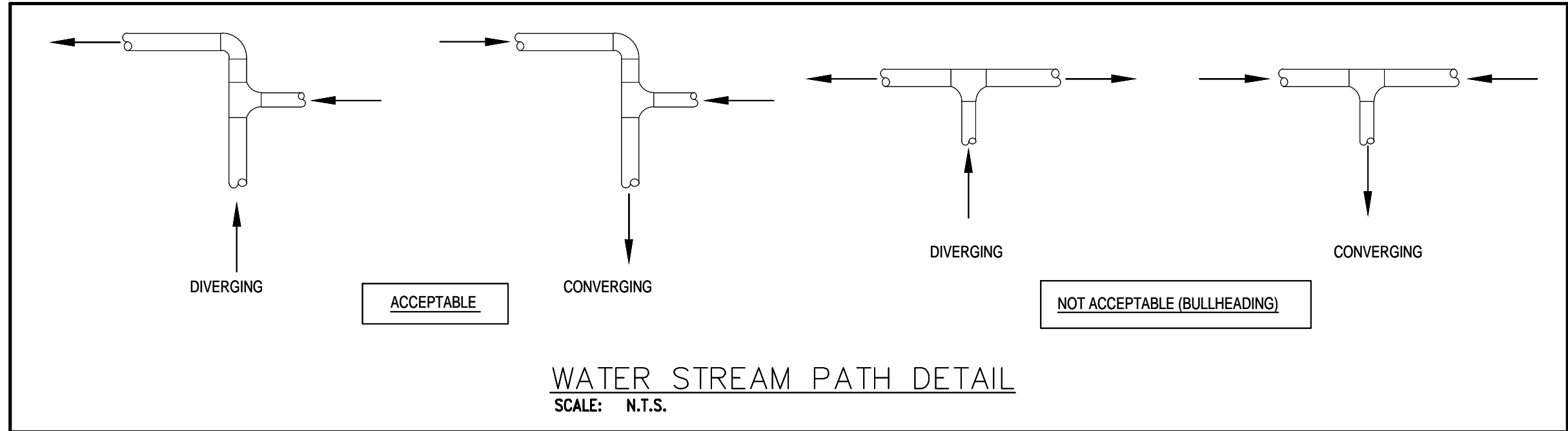
SIZE OF TRAP (inches)	SIZE OF FIXTURE DRAIN (inches)	SLOPE (inch per foot)	DISTANCE FROM TRAP (feet)
1 1/4	1 1/4	1/4	3 1/2
1 1/4	1 1/2	1/4	5
1 1/2	1 1/2	1/4	5
1 1/2	2	1/4	6
2	2	1/4	6
3	3	1/8	10
4	4	1/8	12

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 inch per foot = 83.3 mm/m.

NOTE: EACH FIXTURE TRAP SHALL HAVE A PROTECTING VENT LOCATED SO THAT THE SLOPE AND THE DEVELOPED LENGTH IN THE FIXTURE DRAIN FROM THE TRAP WEIR TO THE VENT FITTING ARE WITHIN THE REQUIREMENTS SET FORTH IN TABLE 906.1. FBCP

NOTE:

- ALL HORIZONTAL DRAIN PIPE 2"ø OR SMALLER SHALL BE SLOPED AT 1/4" / FT
- ALL HORIZONTAL DRAIN PIPE 3"ø OR LARGER SHALL BE SLOPED AT 1/8" / FT. MIN.
- PROVIDE 1/2" AUTOMATIC TRAP RESEAL FOR ALL FLOOR DRAINS



PROJECT NAME:

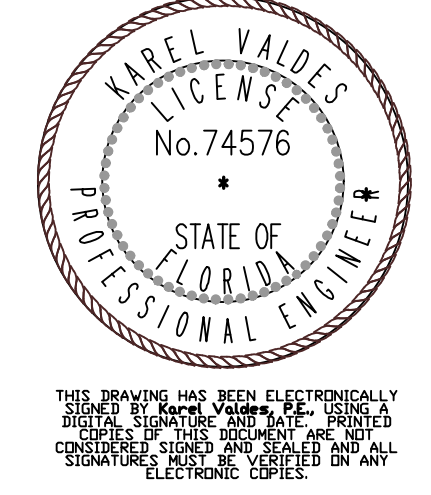
NEW RESIDENCE  
5125 SW 98 TH CT , MIAMI, FL 33165  
4755 COLLINS AVENUE MIAMI BEACH, FLORIDA 33140

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Issue	No.	Date	Description

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### SCHEDULES AND DETAILS

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