



GAS WATER HEATER SCHEDULE							
MARK	RECOVERY	TEMPERATURE	ENERGY FACTOR	POWER	MANUFACTURER	MODEL	
GWH-1	3.8 GPM	100°	1.99	120/1/6	RINNAI	RU199R	
GWH-2	3.8 GPM	100°	1.99	120/1/6	RINNAI	RU199R	
GWH-3	3.8 GPM	100°	1.99	120/1/6	RINNAI	RU199R	

ROOF DRAIN AREA CALCULATIONS	
SIZES FROM TABLE 1106.3 OF IPC	
ROOF AREA "A"	
AREA OF ROOF (A):	1,420 S.F.
1/2 AREA OF VERTICAL WALLS:	1,161 S.F.
TOTAL PROJECTED ROOF AREA:	2,581 S.F.
PRIMARY DRAIN (4 IN./HR. RAINFALL RATE @ 1/8" PER FOOT SLOPE)	
PIPE SIZE	MAX. ROOF AREA ALLOWED PER DRAIN (SQ. FT.)
4"	1,800
4"	1,800
SECONDARY DRAIN (4 IN./HR. RAINFALL RATE @ 1/8" PER FOOT SLOPE)	
PIPE SIZE	MAX. ROOF AREA ALLOWED PER DRAIN (SQ. FT.)
4"	1,800
4"	1,800

PIPING LEGEND	
SYMBOL	DESCRIPTION
---	STORM SEWER PIPING (PVC)

- NOTES:**
- INSULATE HORIZONTAL ROOF DRAIN PIPING WITH 1/2" CLOSED CELL FOAM INSULATION.
 - HORIZONTAL PIPE TO BE RAN AT 1/8" PER FOOT OR MORE.
 - ROOF DRAIN PIPED DOWN INSIDE WALL CAVITY.
 - PVC ROOF OVERFLOW DOWNSPOUT W/ZURN MODEL #ZARB199 BRONZE "COW TONGUE" NOZZLE PIPED THRU WALL ABOVE SIDEWALK.
 - ZURN Z100-C 4" ROOF DRAIN AND SECONDARY ROOF DRAIN (BEYOND), PIPED DOWN INSIDE WALL CAVITY.

REV #	DATE	BY	CHECKED	DESCRIPTION
1	3/11/19	TGW	GKB	REVISED FIXTURE MODEL NUMBERS REFER TO EMAL DATED 3/11/19 FROM JOHN ARMFIELD OF COOKOUT.

Order Plans

@WWW.LDILine.com

WWW.LDILine.com