

G-SKY GREEN WALL PANELS

IRRIGATION DESIGN WITHOUT OPENING

gsky

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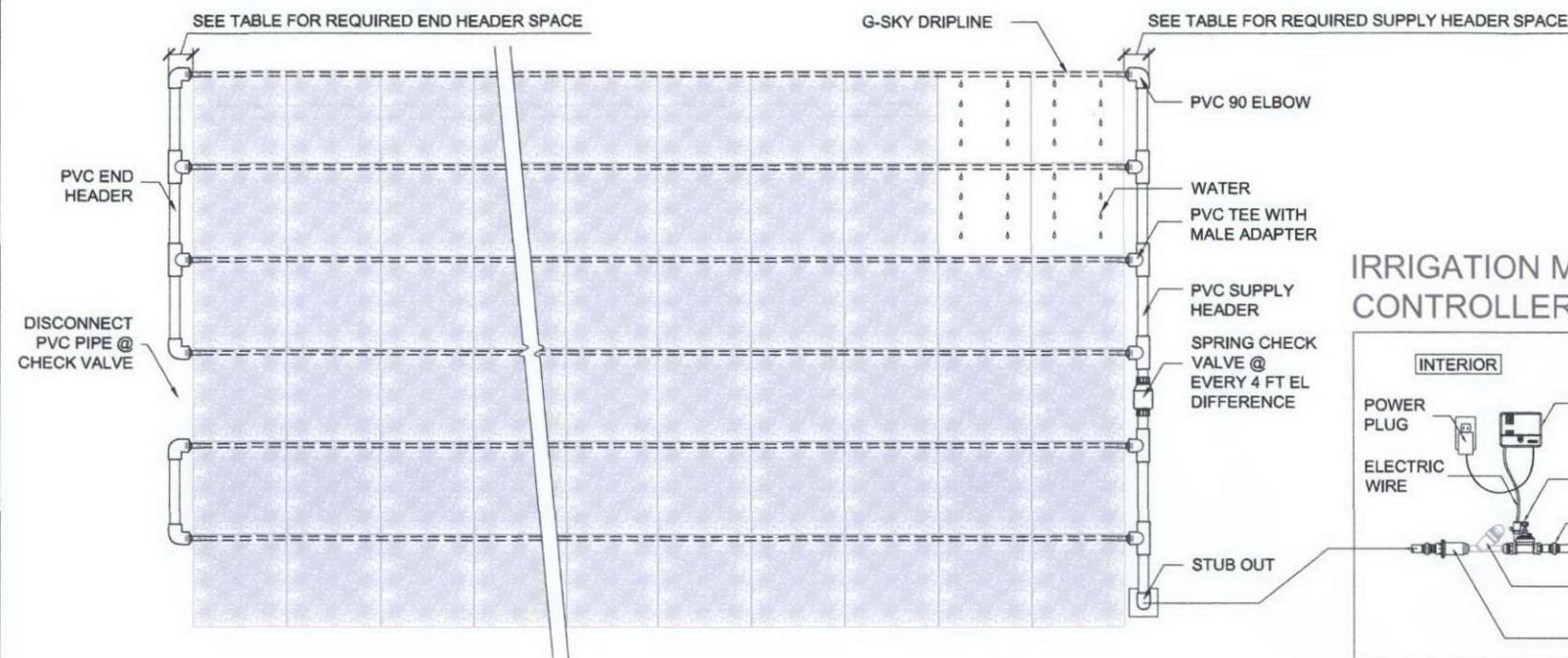
DATE: FEB 7, 2007

WALL MUST SUPPORT SATURATED GREEN WALL PANEL AND FRAME WEIGHT OF 30 LB/SQ.FT.
WATERPROOFING BY OTHERS
MAIN WATER SUPPLY LINE BY OTHERS
AN INDEPENDENT MAIN WATER SUPPLY LINE AND 110V POWER OUTLET ARE REQUIRED

DRAWING #

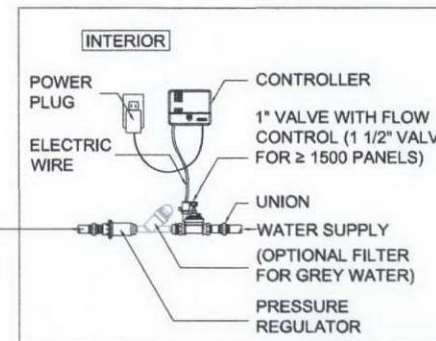
G-2

FRONT VIEW FOR MORE THAN 150 GREEN WALL PANELS



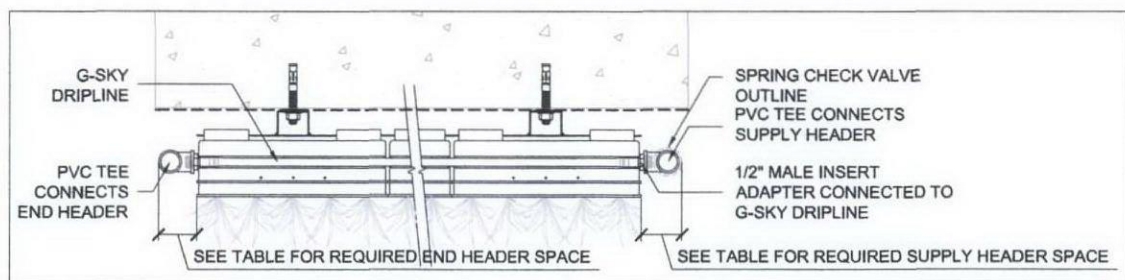
SCALE: 1/2" = 1'-0"
(CAD FILE #2201)

IRRIGATION MAIN CONTROLLER ASSEMBLY



SCALE: 1/2" = 1'-0"
(CAD FILE #2208)

PLAN VIEW FOR MORE THAN 150 GREEN WALL PANELS

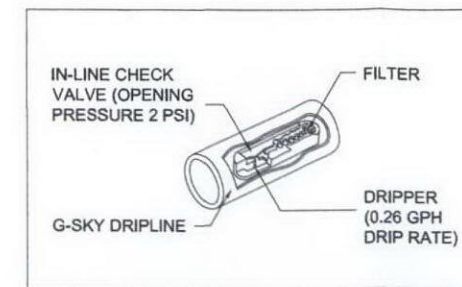


SCALE: 1" = 1'-0"
(CAD FILE #2202)

IRRIGATION DESIGN / REQUIREMENTS TABLE FOR MORE THAN 150 GREEN WALL PANELS

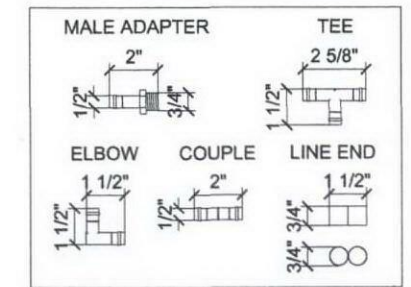
WALL SIZE (PANEL) *1	PANEL LAYOUT (PANEL x PANEL)	MAX LENGTH (PANEL)	MAX HEIGHT (PANEL)	MIN WATER PRESSURE (PSI)	MIN WATER FLOW (GPM)	SUPPLY HEADER LINE SIZE	STUB OUT SIZE *2	REQUIRED SUPPLY HEADER *3 SPACE	REQUIRED END HEADER *3 SPACE
250	250 x 1	250	20	35	2.6	1/2" PVC	3/4"	≥ 2 1/2"	≥ 2"
	25 x 10	250	20	35	2.6	1/2" PVC	3/4"	≥ 2 1/2"	≥ 2"
500	250 x 2	250	50	40	5.2	3/4" PVC	1"	≥ 2 3/4"	≥ 2 1/2"
	10 x 50	250	50	45	5.2	3/4" PVC	1"	≥ 2 3/4"	≥ 2 1/2"
750	250 x 3	250	50	40	7.8	3/4" PVC	1"	≥ 2 3/4"	≥ 3"
	15 x 50	250	50	45	7.8	3/4" PVC	1"	≥ 2 3/4"	≥ 3"
1000	250 x 4	250	50	45	10.4	1" PVC	1"	≥ 3 1/2"	≥ 3"
	20 x 50	250	50	50	10.4	1" PVC	1"	≥ 3 1/2"	≥ 3"
2000	250 x 8	250	50	45	20.8	1 1/4" PVC	1 1/2"	≥ 4 1/2"	≥ 3 1/2"
	40 x 50	250	50	50	20.8	1 1/4" PVC	1 1/2"	≥ 4 1/2"	≥ 3 1/2"

DRIPPER DETAIL



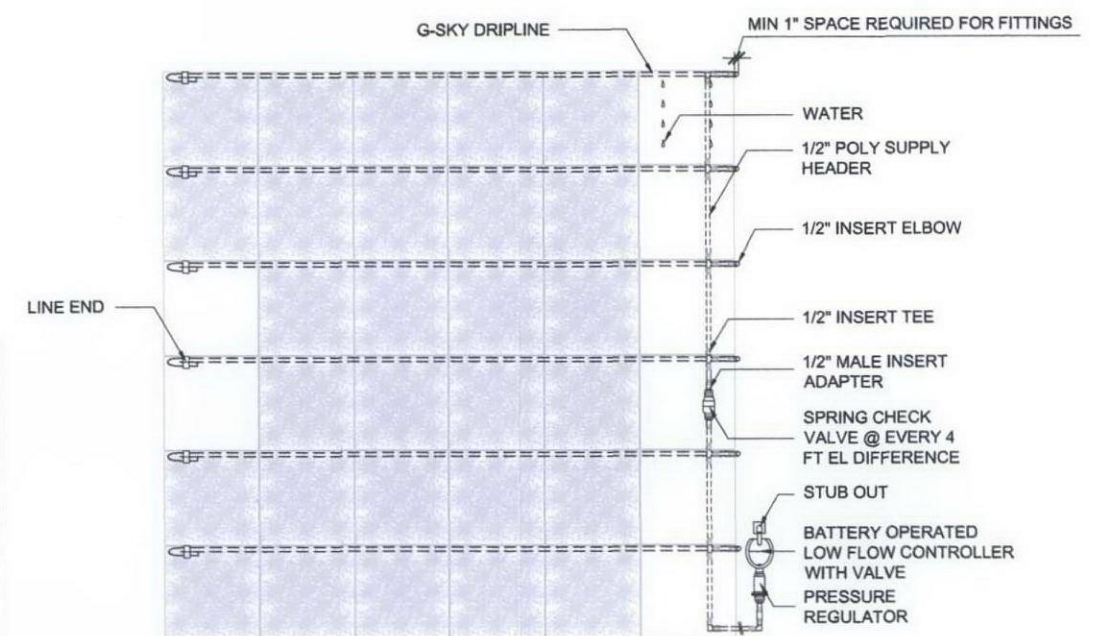
SCALE: 6" = 1'-0"
(CAD FILE #1302)

1/2" INSERT FITTING DETAIL



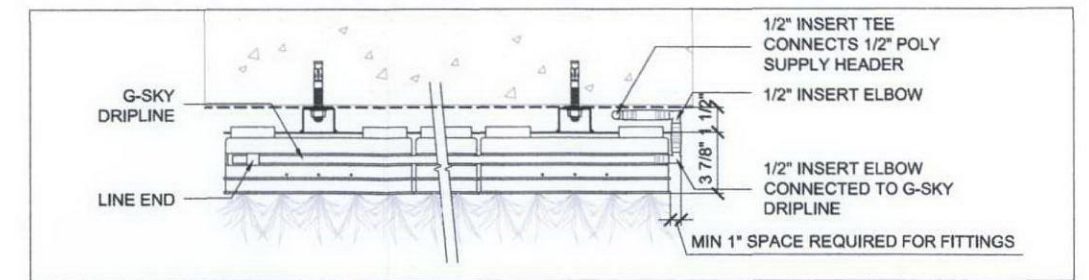
SCALE: 1 1/2" = 1'-0"
(CAD FILE #1301)

FRONT VIEW FOR LESS THAN 150 GREEN WALL PANELS



SCALE: 1/2" = 1'-0"
(CAD FILE #2203)

PLAN VIEW FOR LESS THAN 150 GREEN WALL PANELS



SCALE: 1" = 1'-0"
(CAD FILE #2204)

IRRIGATION DESIGN / REQUIREMENTS TABLE FOR LESS THAN 150 GREEN WALL PANELS

WALL SIZE (PANEL) *1	PANEL LAYOUT (PANEL x PANEL)	MAX LENGTH (PANEL)	MAX HEIGHT (PANEL)	MIN WATER PRESSURE (PSI)	MIN WATER FLOW (GPM)
12	3 x 4	-	-	20	0.2
50	50 x 1	-	10	30	0.6
	5 x 10	-	10	30	0.6
150	150 x 1	-	20	35	1.6
	10 x 15	-	20	35	1.6

*1 THESE TABLES APPLY TO SQUARE SHAPED GREEN WALLS. SEE G-3 FOR GREEN WALLS WITH OPENINGS.

*2 THESE TABLES ASSUME THAT THE STUB OUT IS LOCATED AT THE BOTTOM OF THE GREEN WALL.

*3 SUPPLY HEADER: SUPPLIES WATER VERTICALLY FROM STUB OUT; END HEADER: INCREASES WATER CIRCULATION.

* FOR LESS THAN 150 GREEN WALL PANELS, THE SUPPLY HEADER MAY BE DESIGNED TO FIT BEHIND THE GREEN WALL.

* THE IRRIGATION SYSTEM IS DESIGNED FOR CLEAN (CONTAMINANT FREE) WATER. CONSULT G-SKY FOR GREY WATER FILTER REQUIREMENTS.

* IRRIGATION CONTROLLER ASSEMBLY MAY BE USED FOR LESS THAN 150 GREEN WALL PANELS.