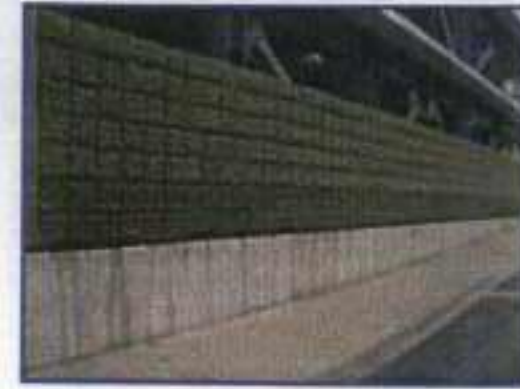


Green Wall Panels





G-SKY GREEN WALL PANELS

PLAN / SECTION DETAILS FOR TYPICAL WALL

gsky

DRAWING #

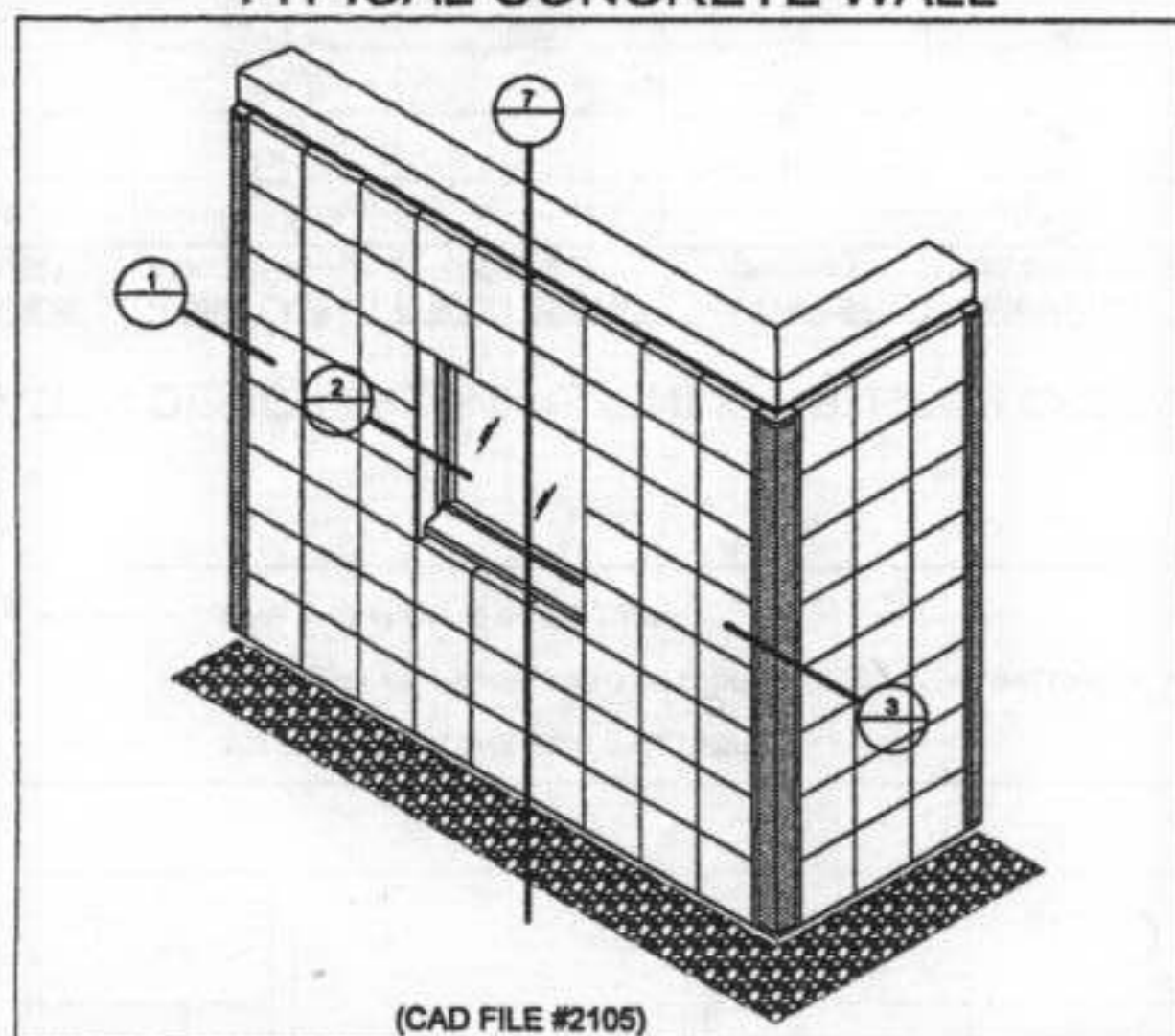
G-4

DATE: FEB 7, 2007

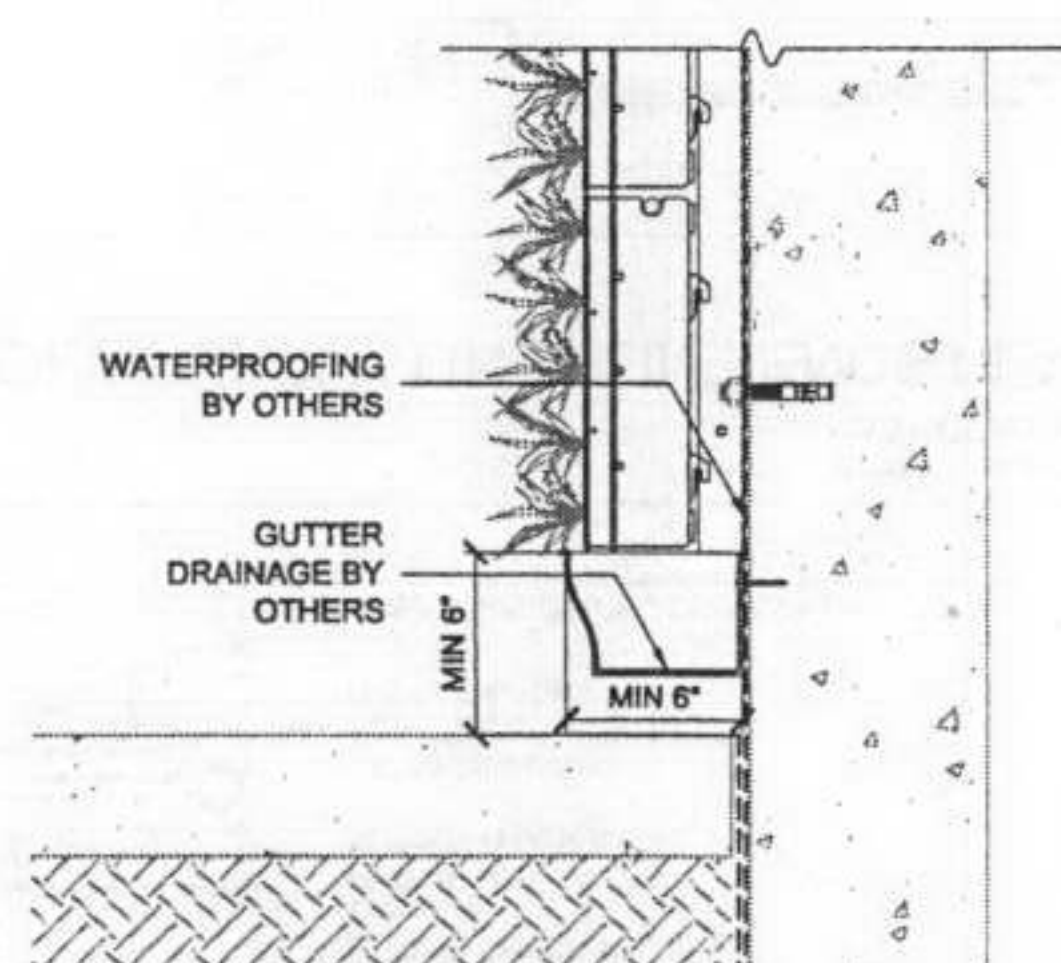
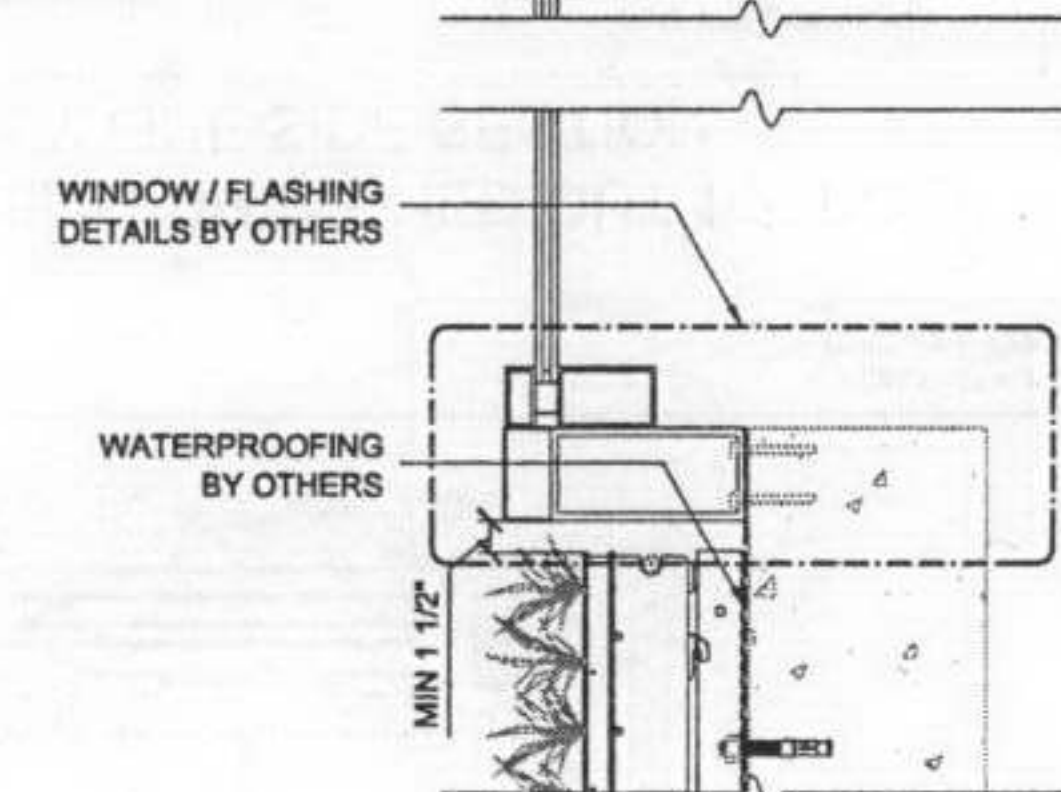
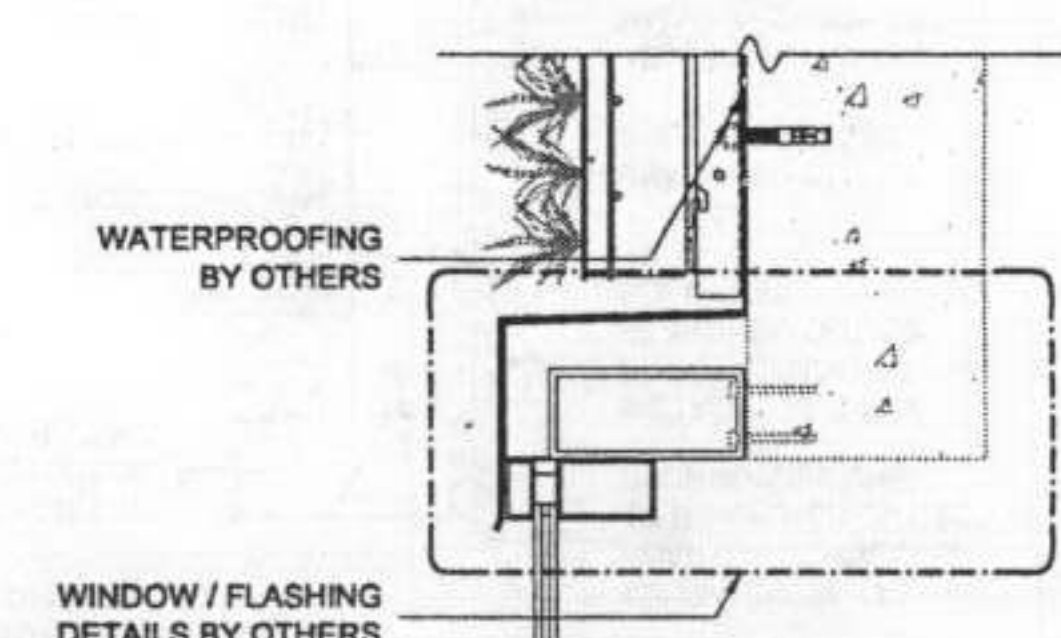
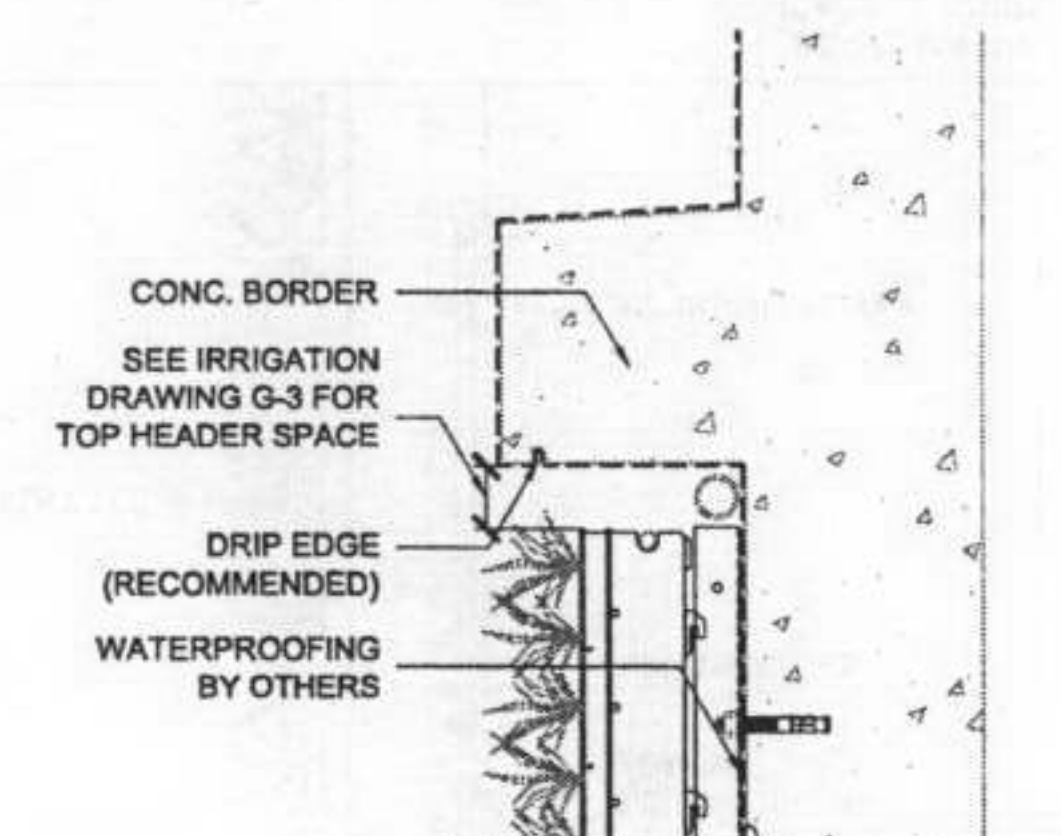
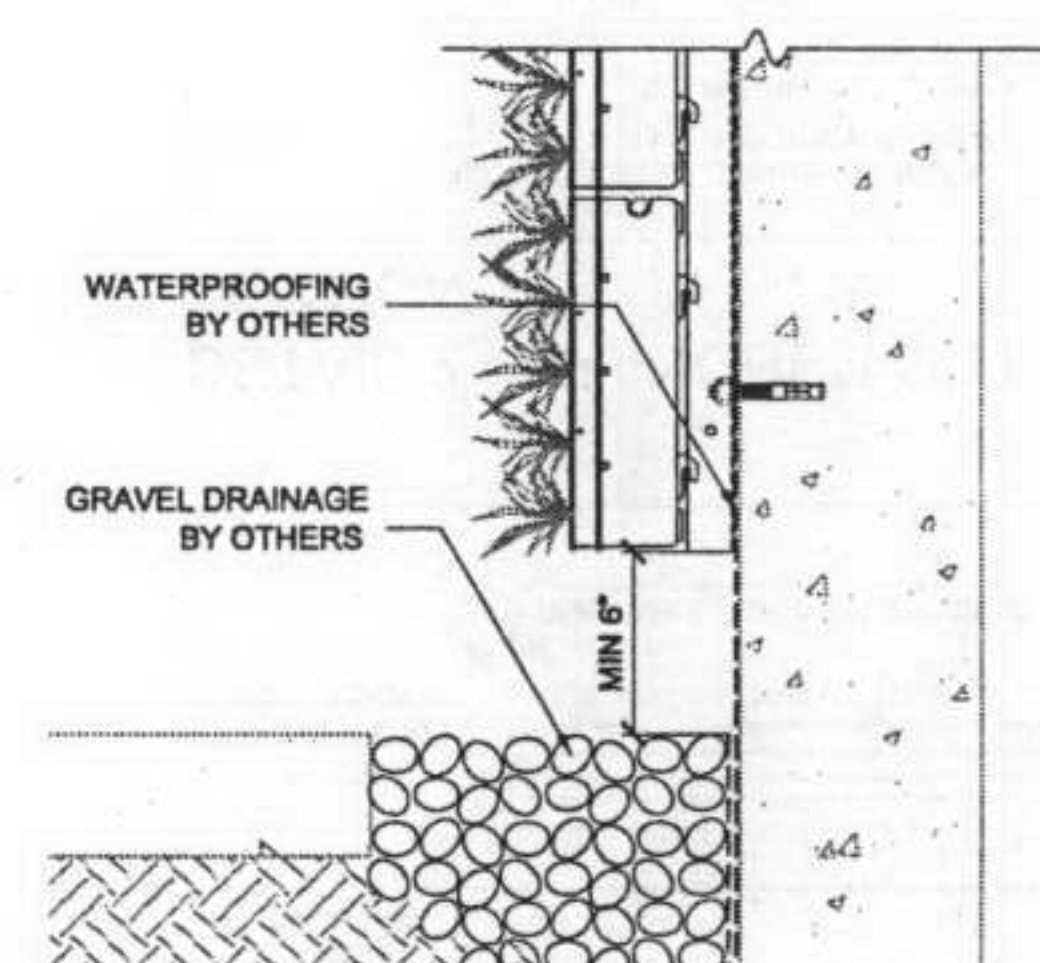
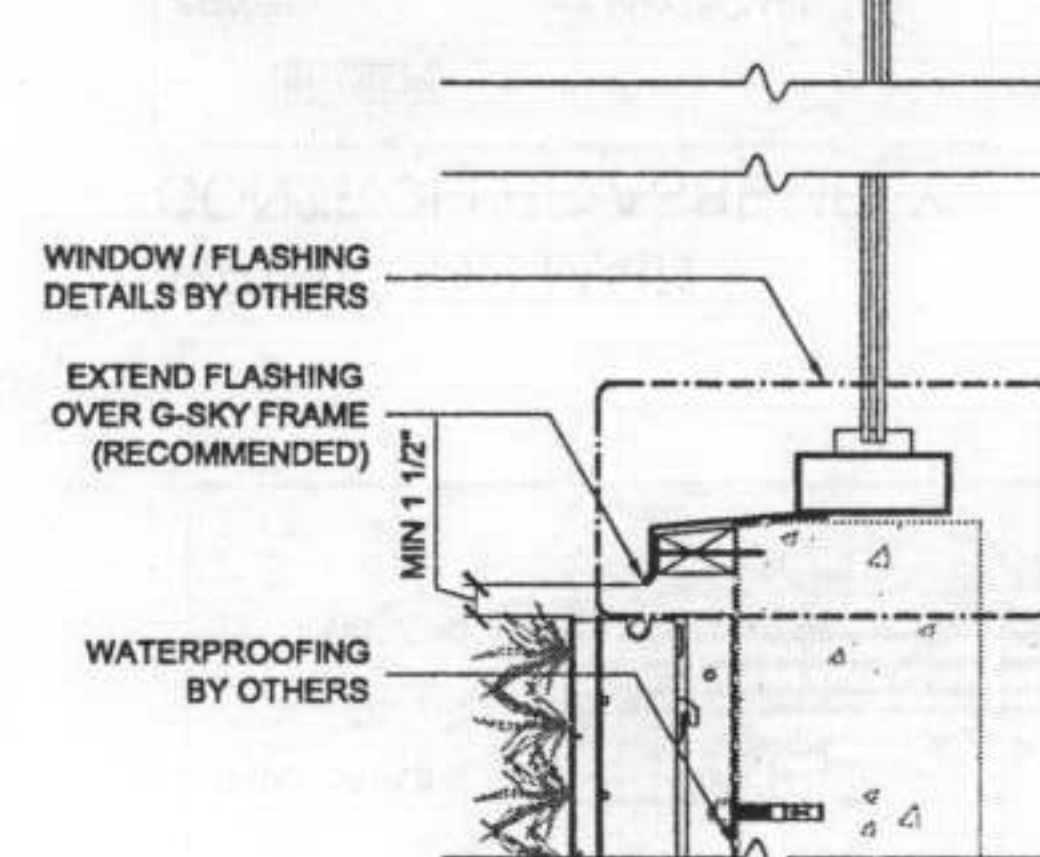
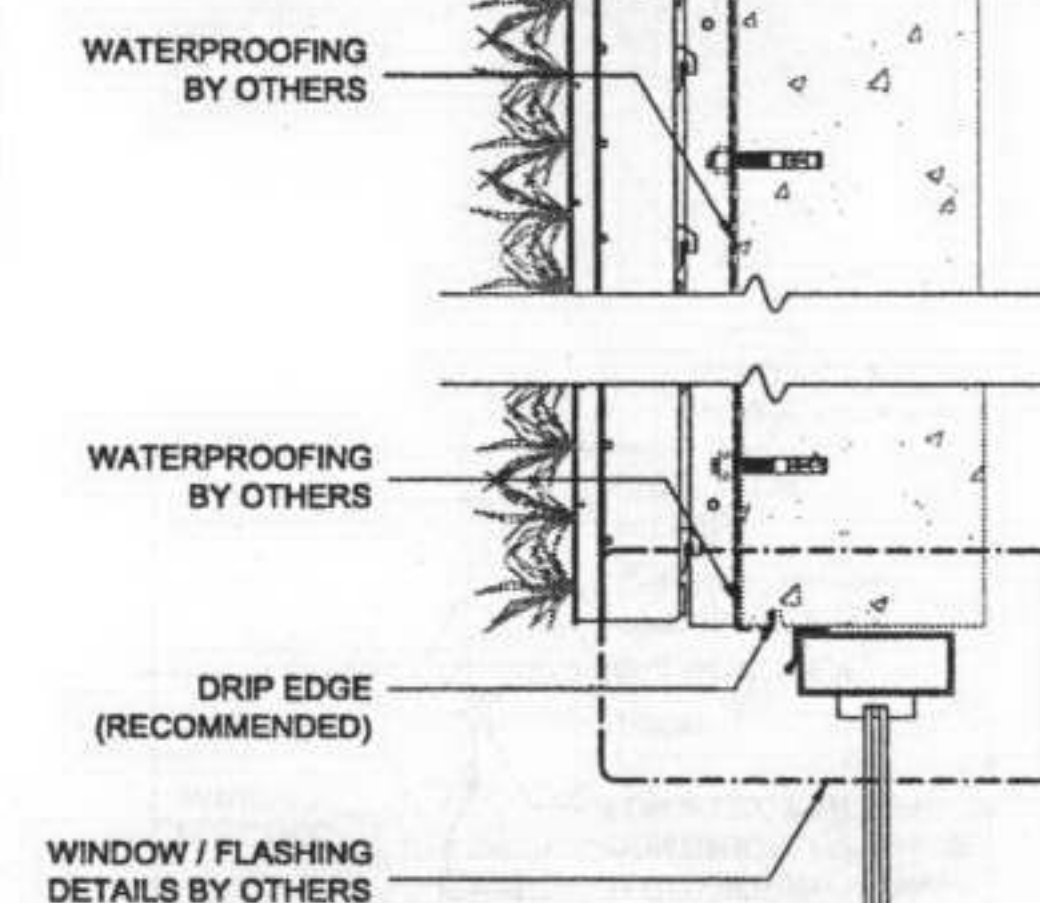
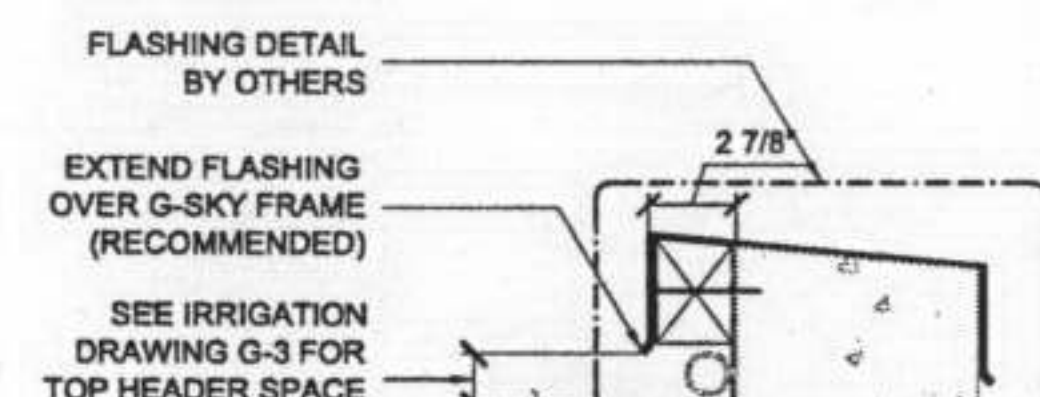
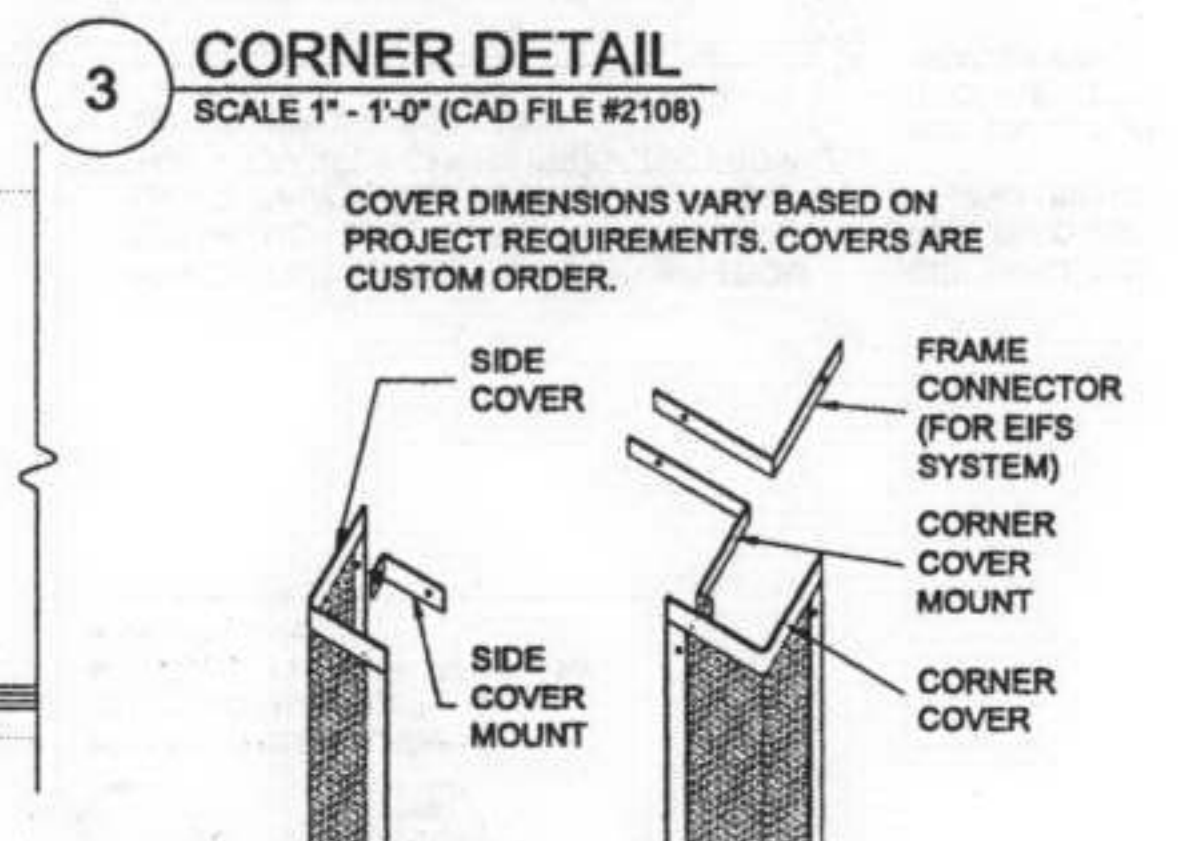
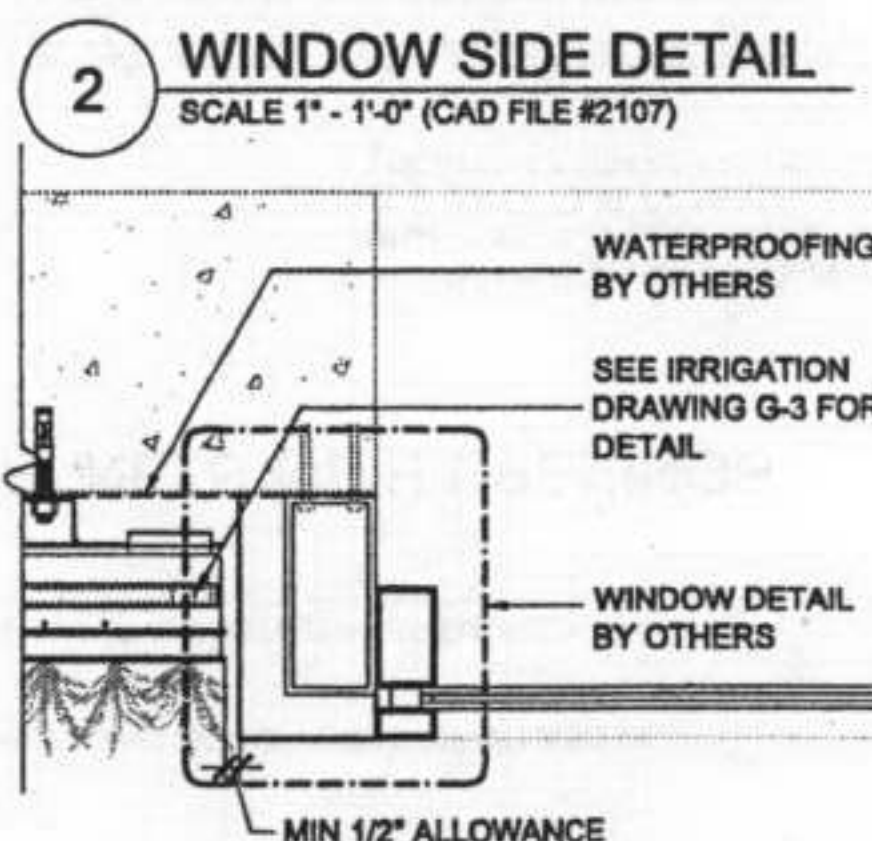
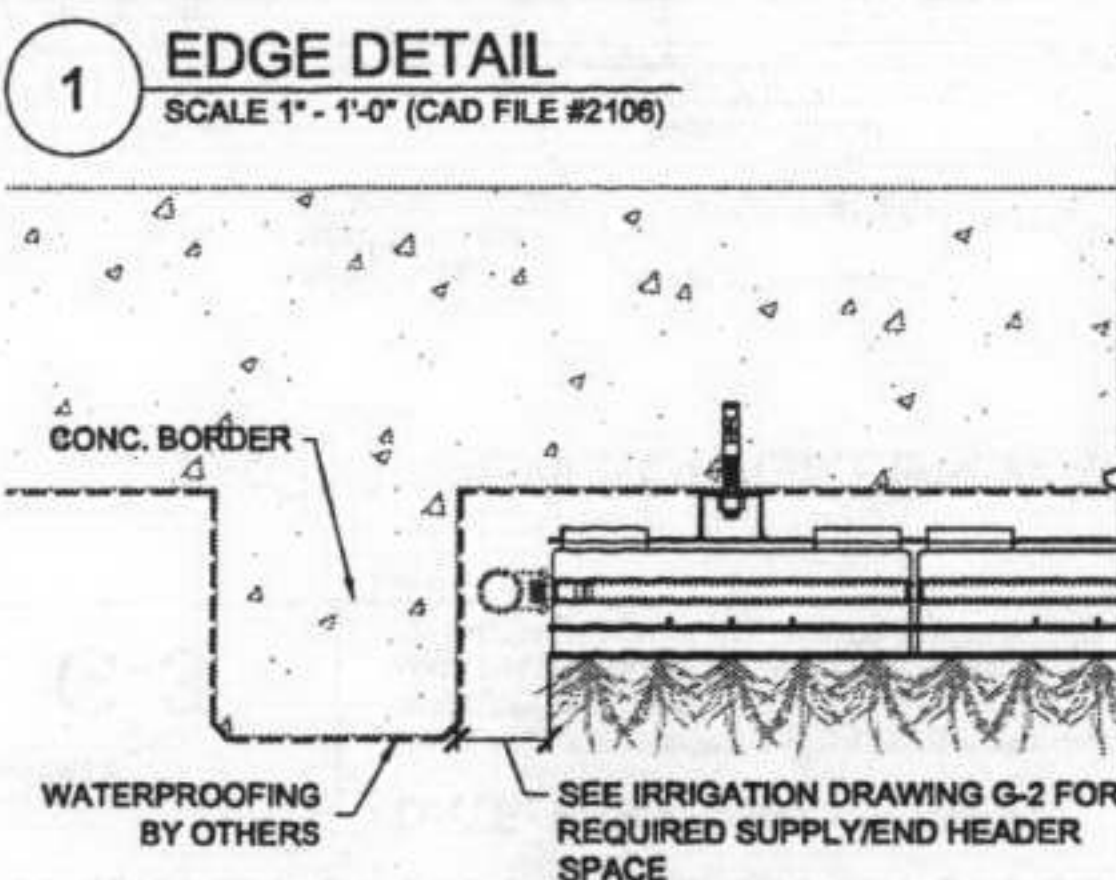
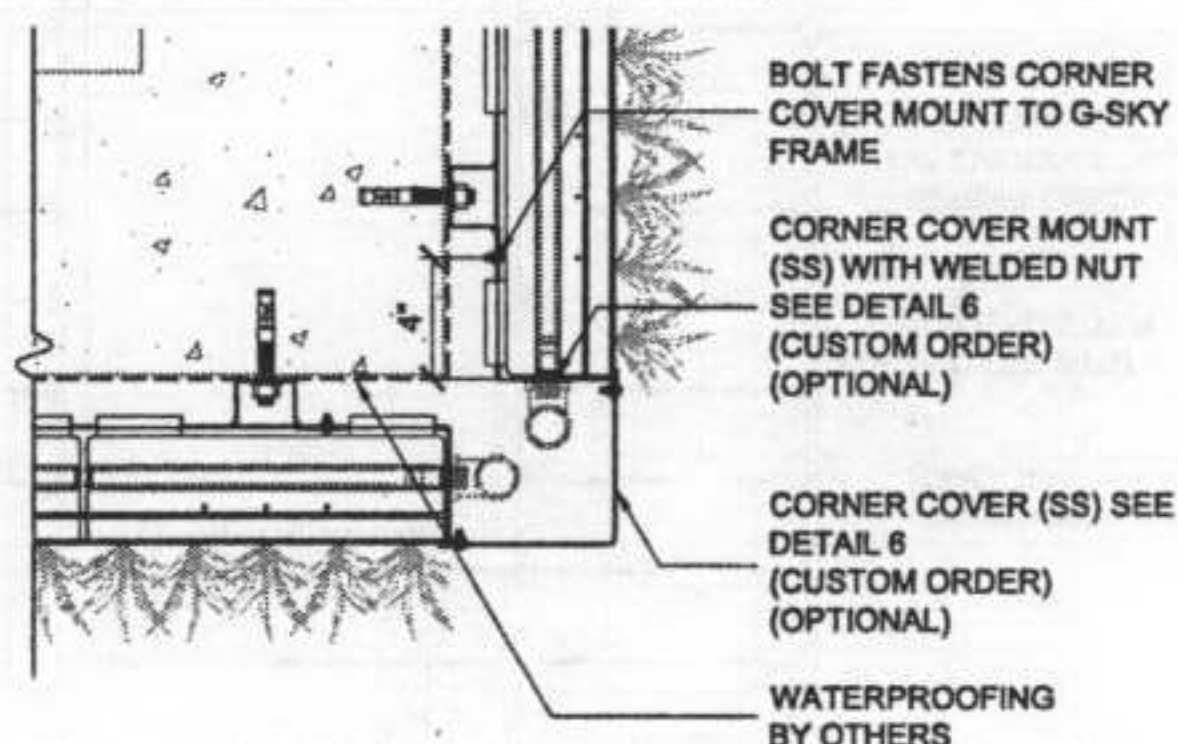
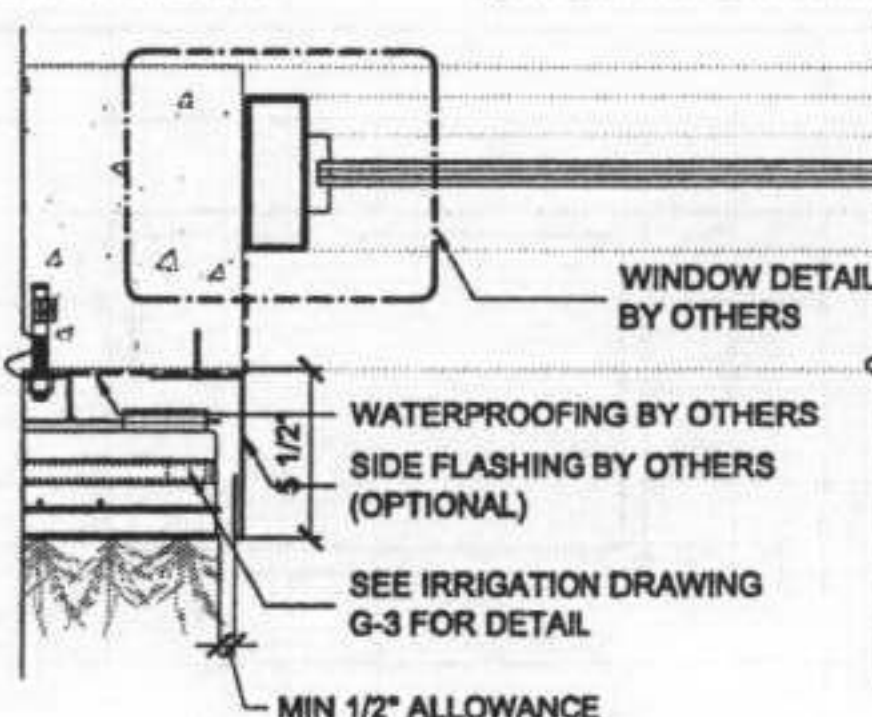
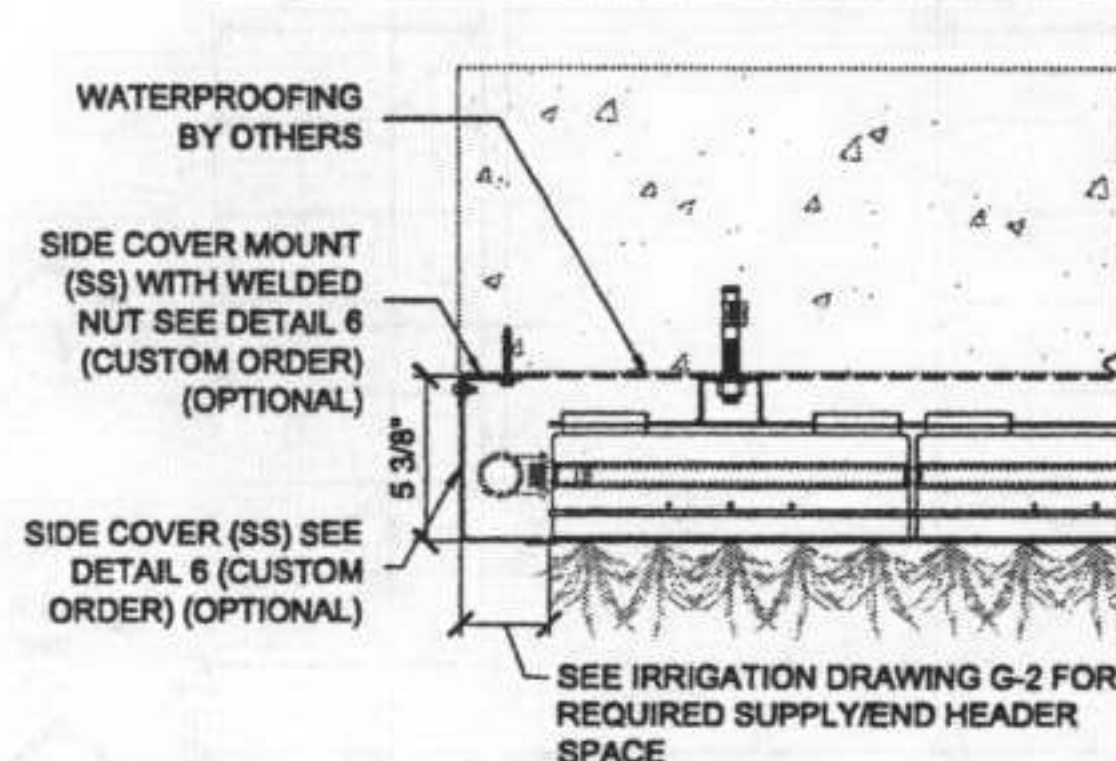
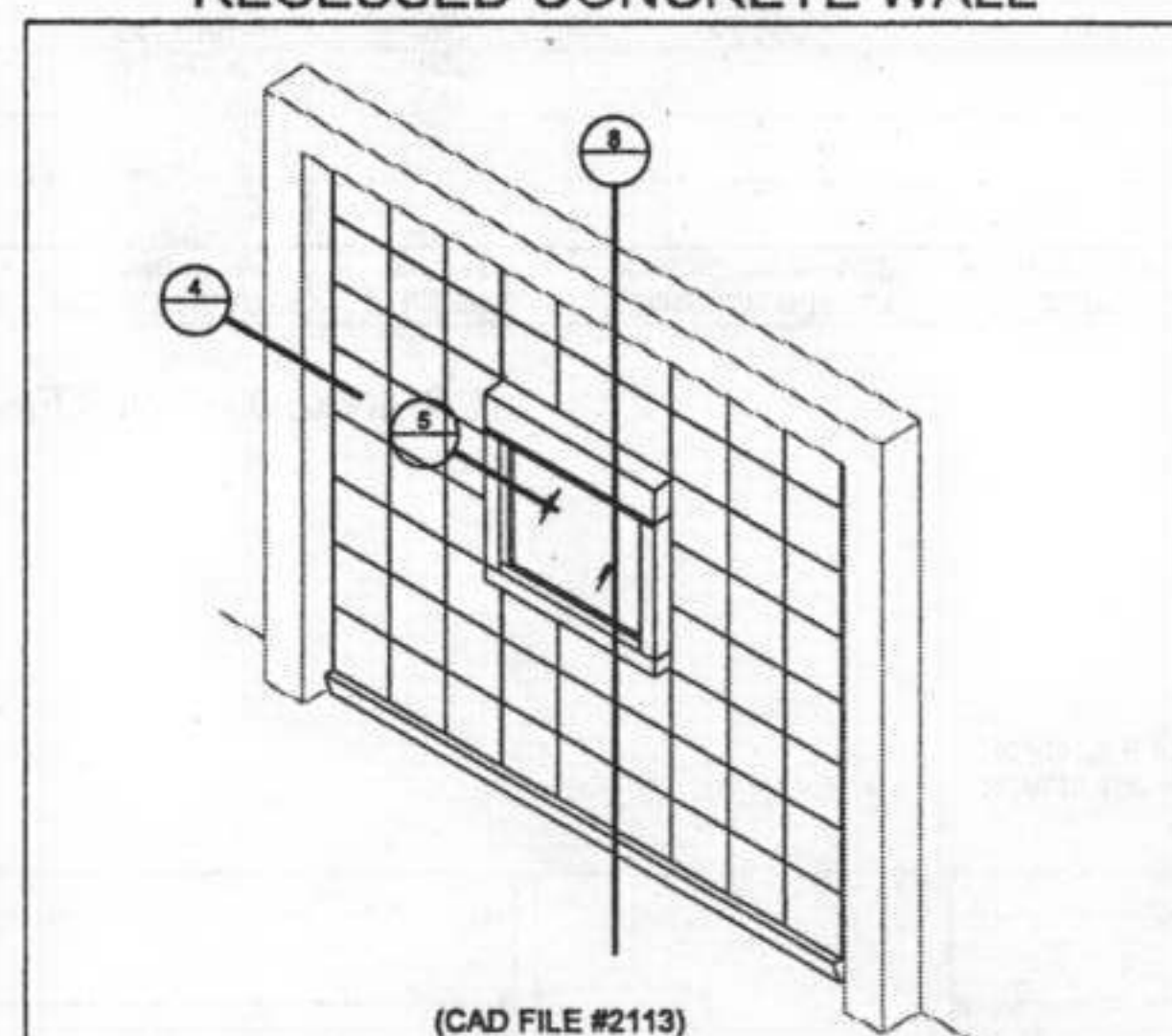
WALL MUST SUPPORT SATURATED GREEN WALL PANEL AND FRAME WEIGHT OF 30 LB/SQ.FT.
WATERPROOFING BY OTHERS

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TYPICAL CONCRETE WALL



RECESSED CONCRETE WALL



G-SKY GREEN WALL PANELS

IRRIGATION DESIGN WITH OPENINGS

gsky

DRAWING #

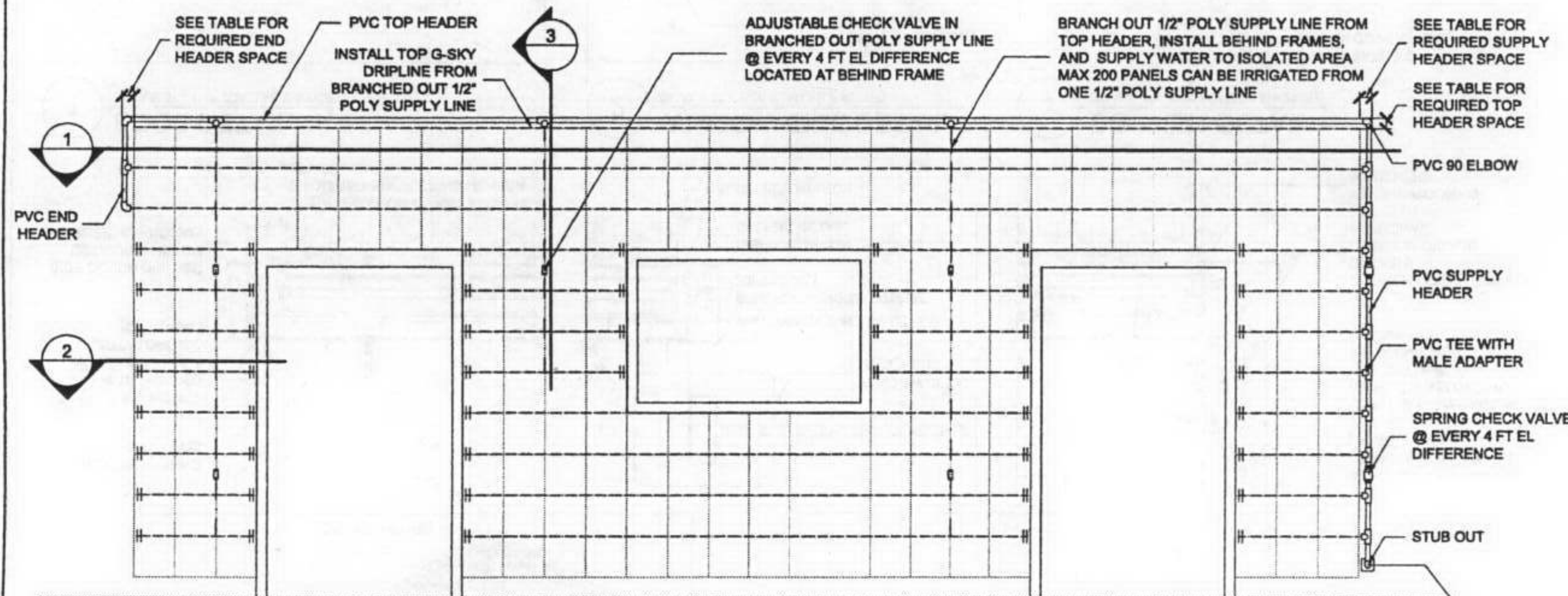
G-3

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

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FRONT VIEW FOR GREEN WALL PANELS WITH OPENINGS



- 1/2\"/>

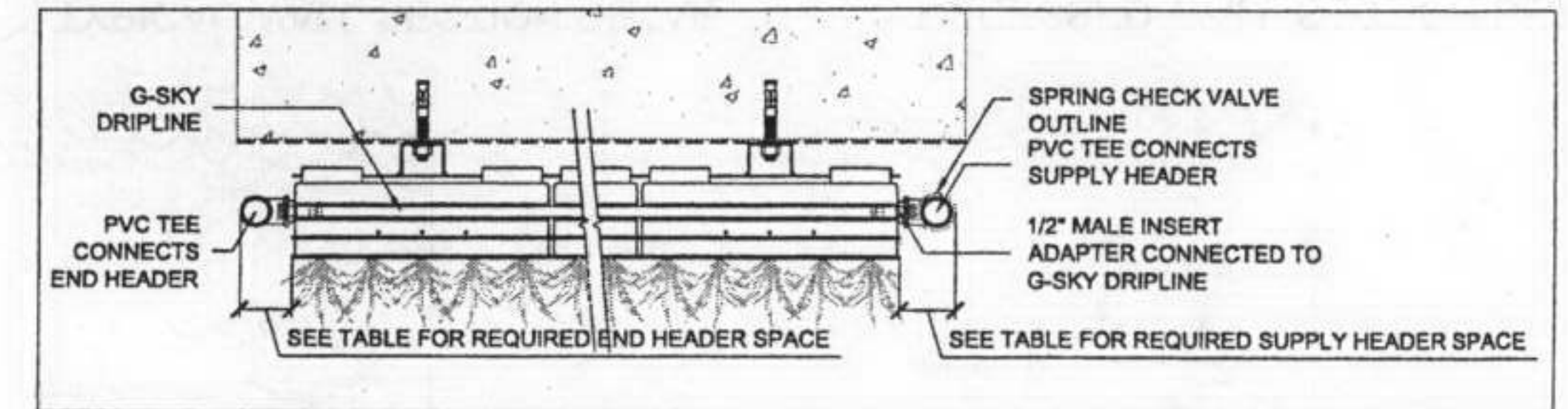
SCALE: 1/4\"/>

IRRIGATION DESIGN / REQUIREMENTS TABLE FOR GREEN WALL PANELS WITH OPENINGS

WALL SIZE (PANEL)	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	REQUIRED TOP HEADER *3 SPACE
12	3 x 4	-	-	20	0.2	1/2" POLY	1/2"	-	-	≥1"
50	50 x 1	-	10	30	0.6	1/2" POLY	1/2"	-	-	≥1"
	5 x 10	-	10	30	0.6	1/2" POLY	1/2"	-	-	≥1"
150	150 x 1	-	20	35	1.8	1/2" POLY	1/2"	-	-	≥1"
	10 x 15	-	20	35	1.6	1/2" POLY	1/2"	-	-	≥1"
250	250 x 1	250	20	35	2.6	1/2" PVC	3/4"	≥2 1/2"	≥2"	≥2"
	25 x 10	250	20	35	2.6	1/2" PVC	3/4"	≥2 1/2"	≥2"	≥2"
500	250 x 2	250	50	40	5.2	3/4" PVC	1"	≥2 3/4"	≥2 1/2"	≥2 1/2"
	10 x 50	250	50	45	5.2	3/4" PVC	1"	≥2 3/4"	≥2 1/2"	≥2 1/2"
750	250 x 3	250	50	40	7.8	3/4" PVC	1"	≥2 3/4"	≥3"	≥3"
	15 x 50	250	50	45	7.8	3/4" PVC	1"	≥2 3/4"	≥3"	≥3"
1000	250 x 4	250	50	45	10.4	1" PVC	1"	≥3 1/2"	≥3"	≥3"
	20 x 50	250	50	50	10.4	1" PVC	1"	≥3 1/2"	≥3"	≥3"
2000	250 x 8	250	50	45	20.8	1 1/4" PVC	1 1/2"	≥4 1/2"	≥3 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"	≥3 1/2"

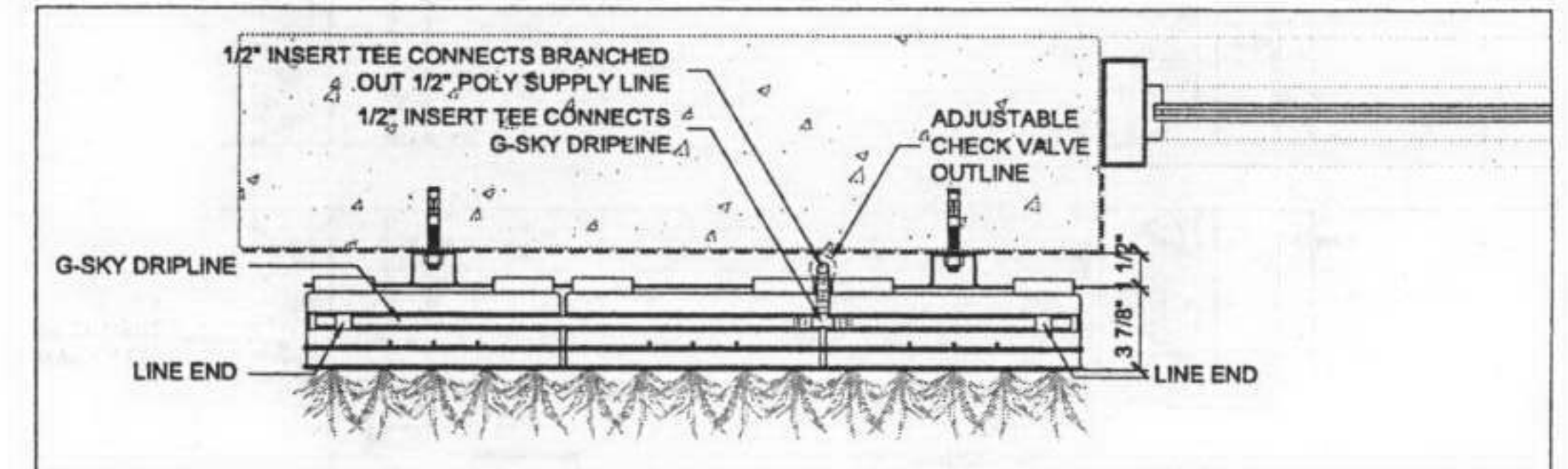
- *1 THIS TABLE APPLIES FOR GREEN WALL WITH OPENINGS. SEE G-2 FOR GREEN WALLS WITHOUT OPENING DESIGN.
- *2 THIS TABLE ASSUMES THAT THE STUB OUT IS LOCATED AT THE BOTTOM OF THE GREEN WALL.
- *3 SUPPLY HEADER: SUPPLIES WATER VERTICALLY FROM STUB OUT; END HEADER: INCREASES WATER CIRCULATION; TOP HEADER: SUPPLIES WATER TO POLY SUPPLY LINE FOR ISOLATED ZONES.
- * FOR LESS THAN 150 GREEN WALL PANELS, THE SUPPLY HEADER MAY BE DESIGNED TO FIT BEHIND THE GREEN WALL.
- * 200 PANELS MAX. CAN BE IRRIGATED BY A BRANCHED OUT 1/2\"/>

DETAIL 1 - SUPPLY / END HEADERS PLAN SECTION



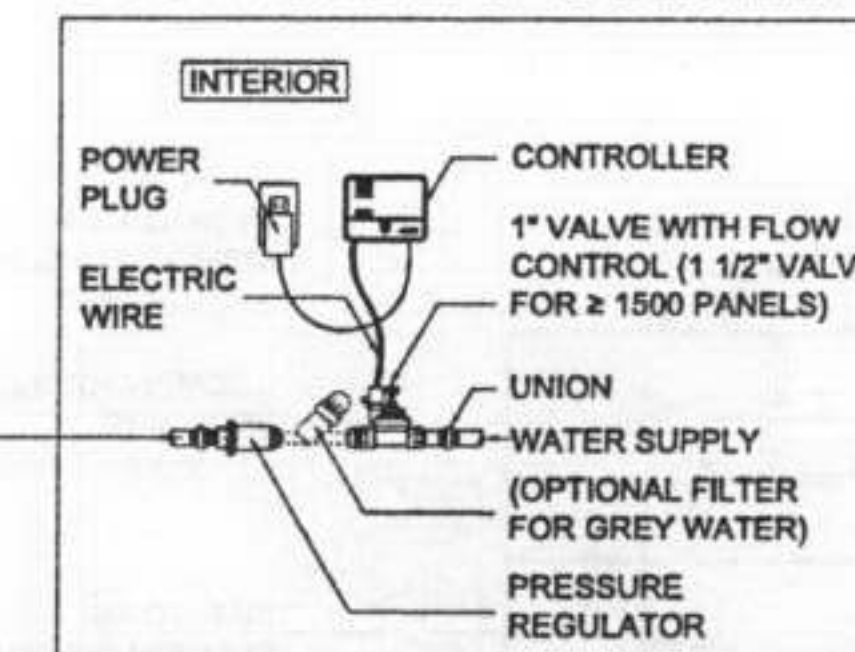
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DETAIL 2 - BRANCHED OUT 1/2\"/>



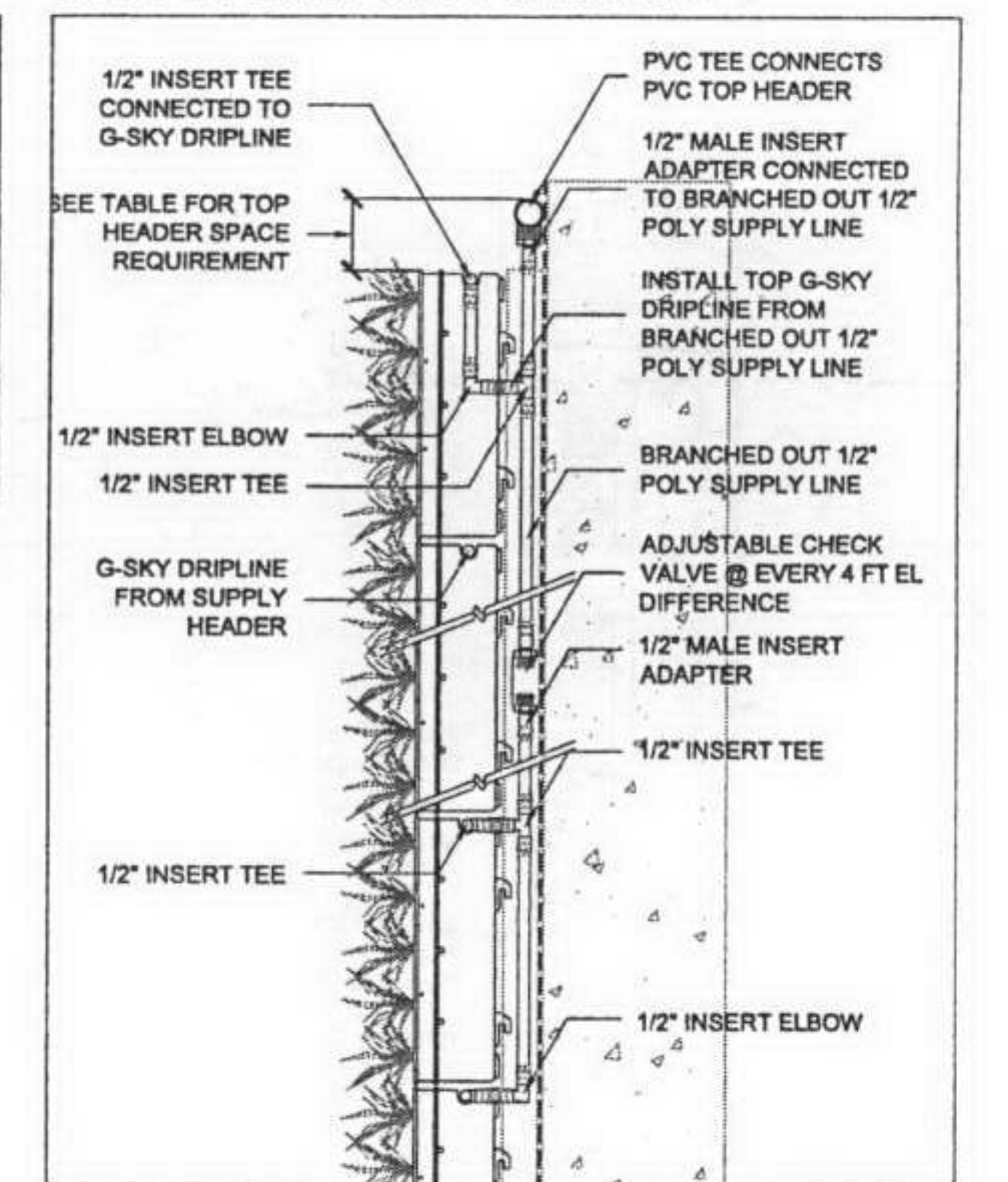
SCALE: 1\"/>

IRRIGATION MAIN CONTROLLER ASSEMBLY



SCALE: 1/2\"/>

DETAIL 3 - BRANCHED OUT 1/2\"/>



SCALE: 1\"/>

G-SKY GREEN WALL PANELS

IRRIGATION DESIGN WITHOUT OPENING

gsky

DRAWING #

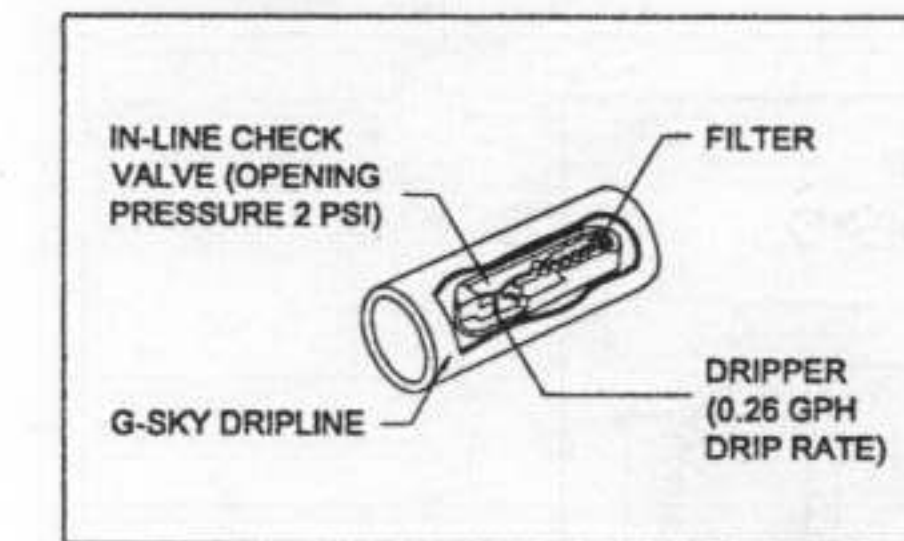
G-2

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

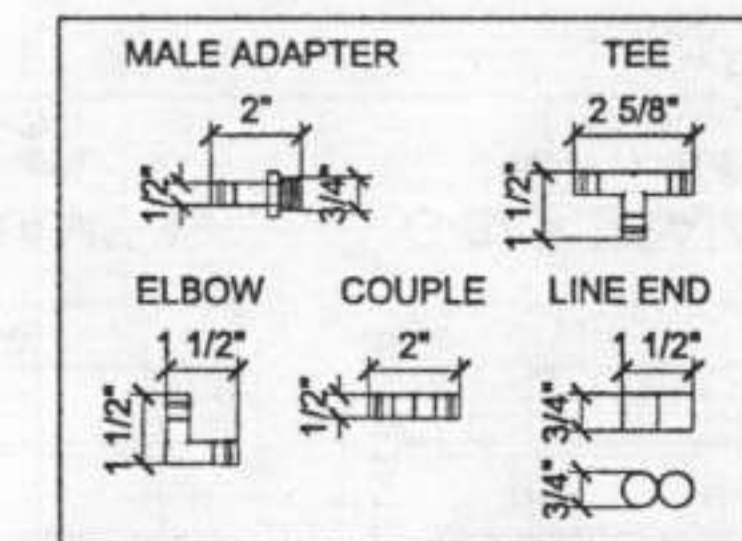
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DRIPPER DETAIL



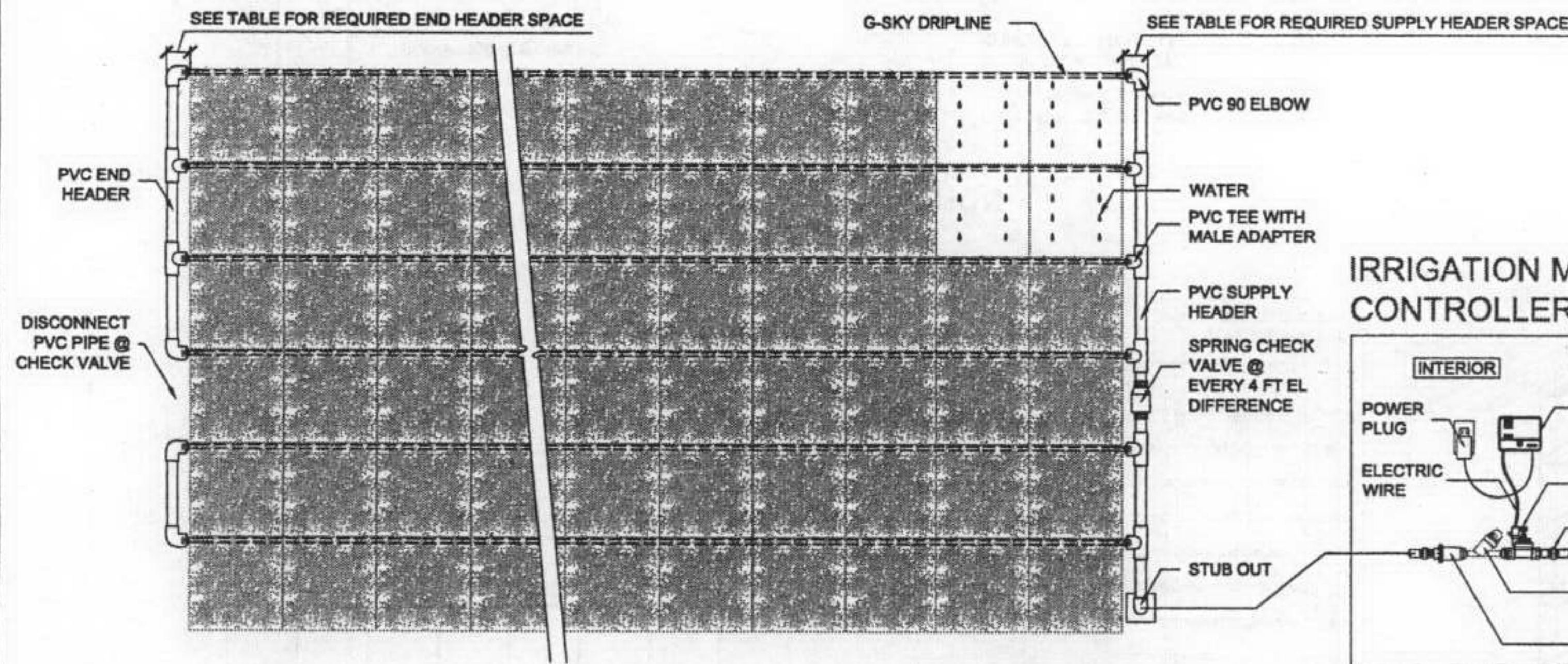
SCALE: 6" = 1'-0"
(CAD FILE #1302)

1/2" INSERT FITTING DETAIL



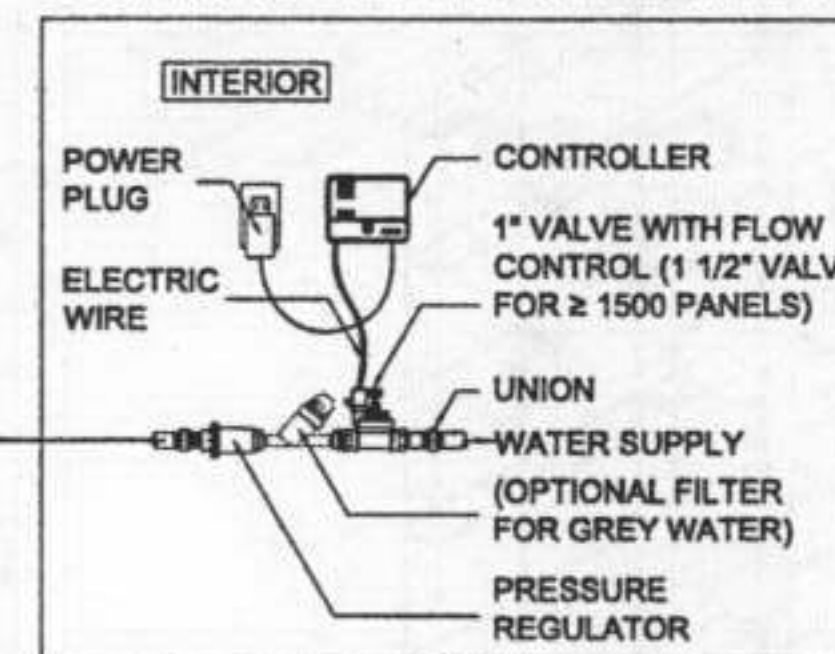
SCALE: 1 1/2" = 1'-0"
(CAD FILE #1301)

FRONT VIEW FOR MORE THAN 150 GREEN WALL PANELS



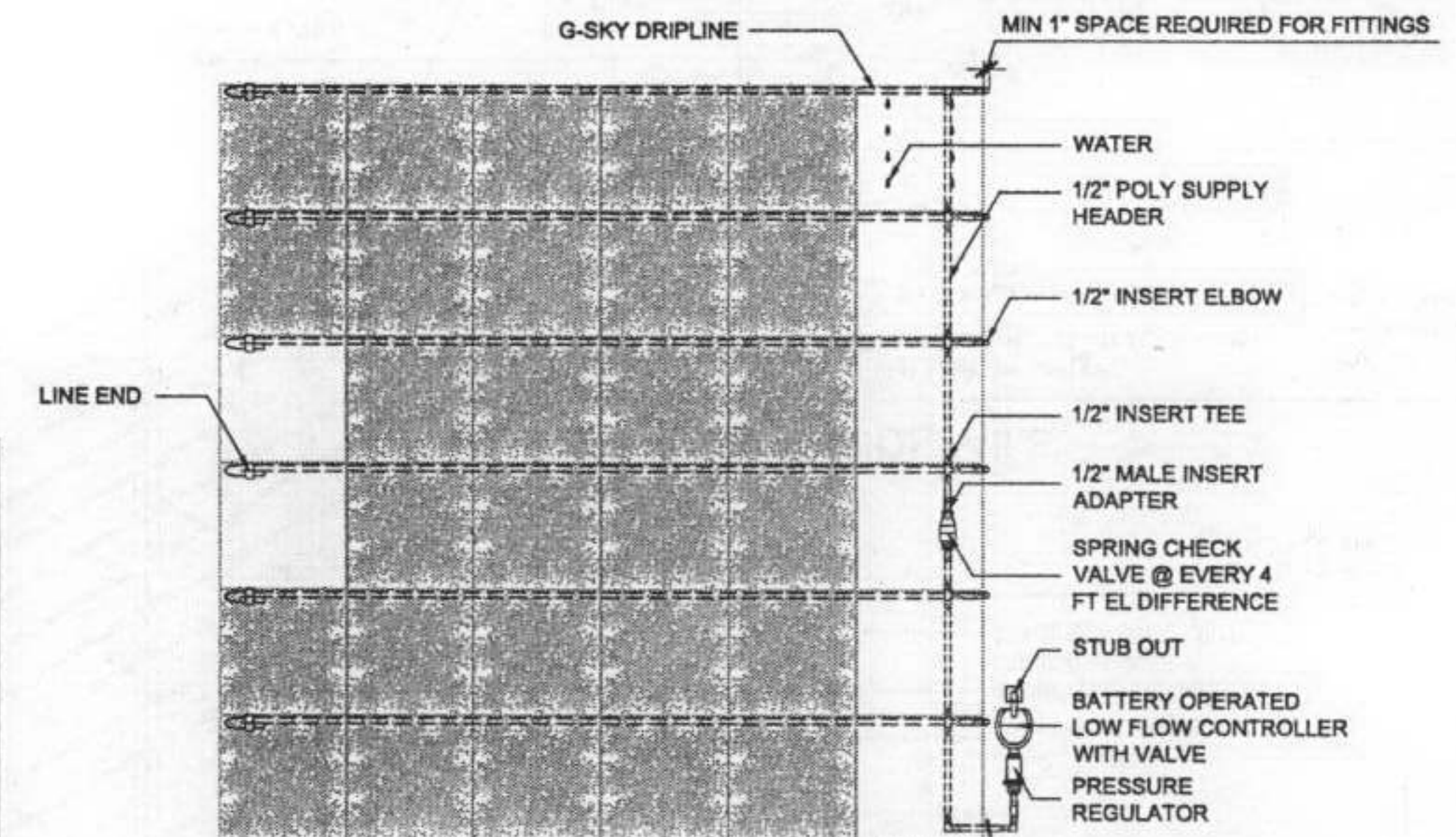
SCALE: 1/2" = 1'-0"
(CAD FILE #2201)

IRRIGATION MAIN CONTROLLER ASSEMBLY



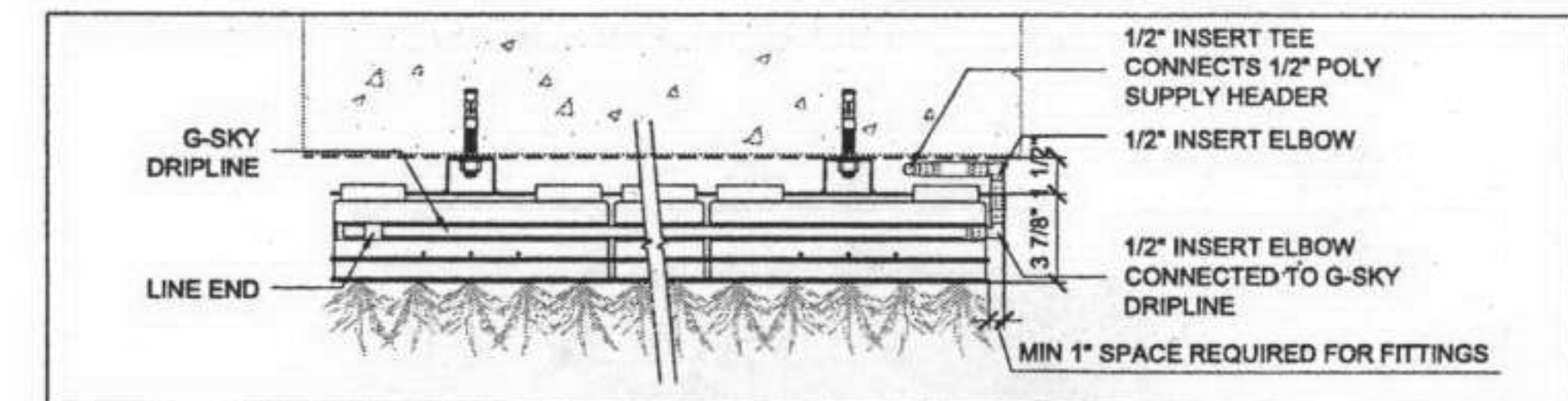
SCALE: 1/2" = 1'-0"
(CAD FILE #2208)

FRONT VIEW FOR LESS THAN 150 GREEN WALL PANELS



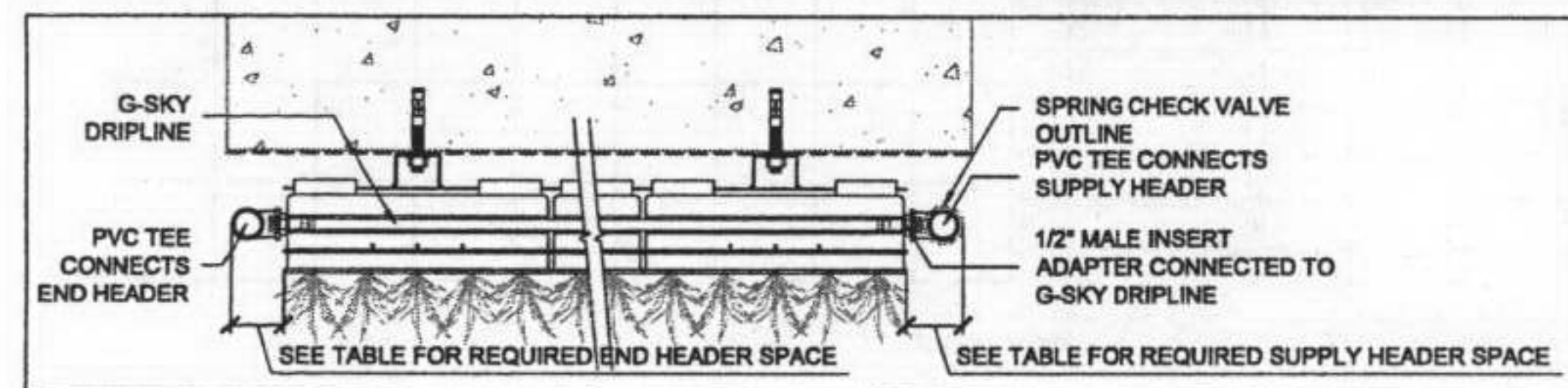
SCALE: 1/2" = 1'-0"
(CAD FILE #2203)

PLAN VIEW FOR LESS THAN 150 GREEN WALL PANELS



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

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"

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.

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

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

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

G-SKY GREEN WALL PANELS

PANEL LAYOUT / FRAME DESIGN

gsky

DRAWING #

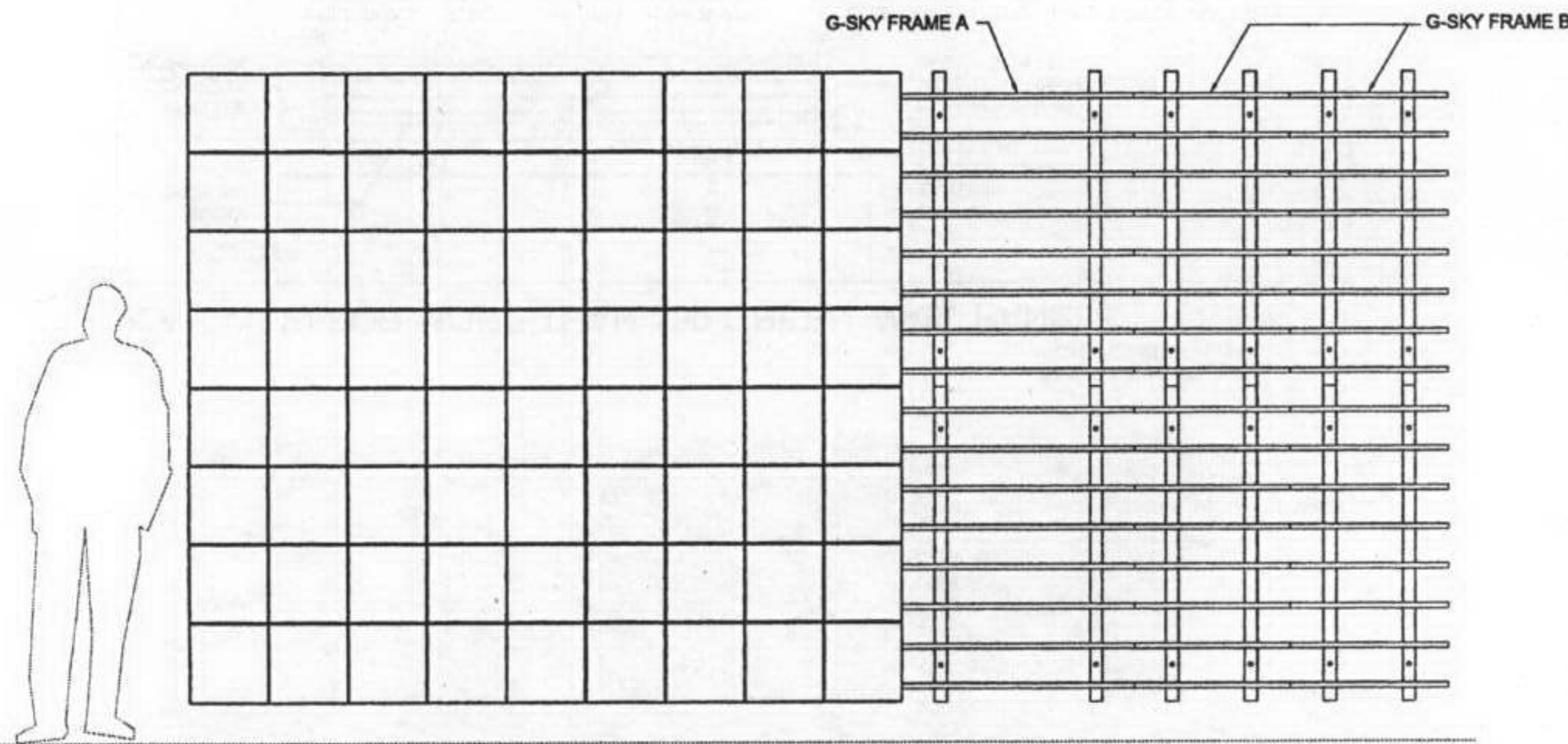
G-1

DATE: FEB 7, 2007

WALL MUST SUPPORT SATURATED GREEN WALL PANEL AND FRAME WEIGHT OF 30 LB/SQ.FT.
WATERPROOFING BY OTHERS

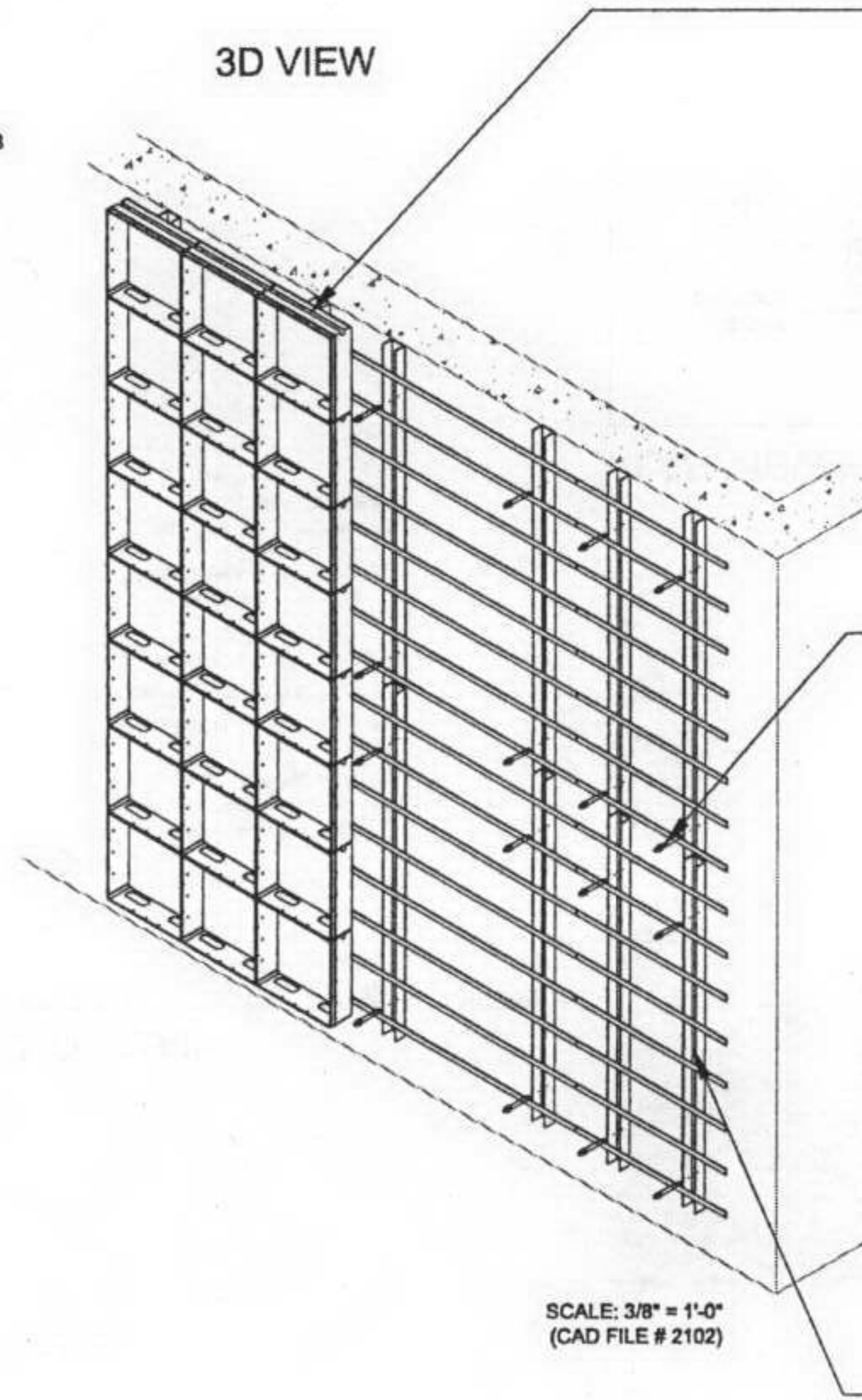
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FRONT VIEW



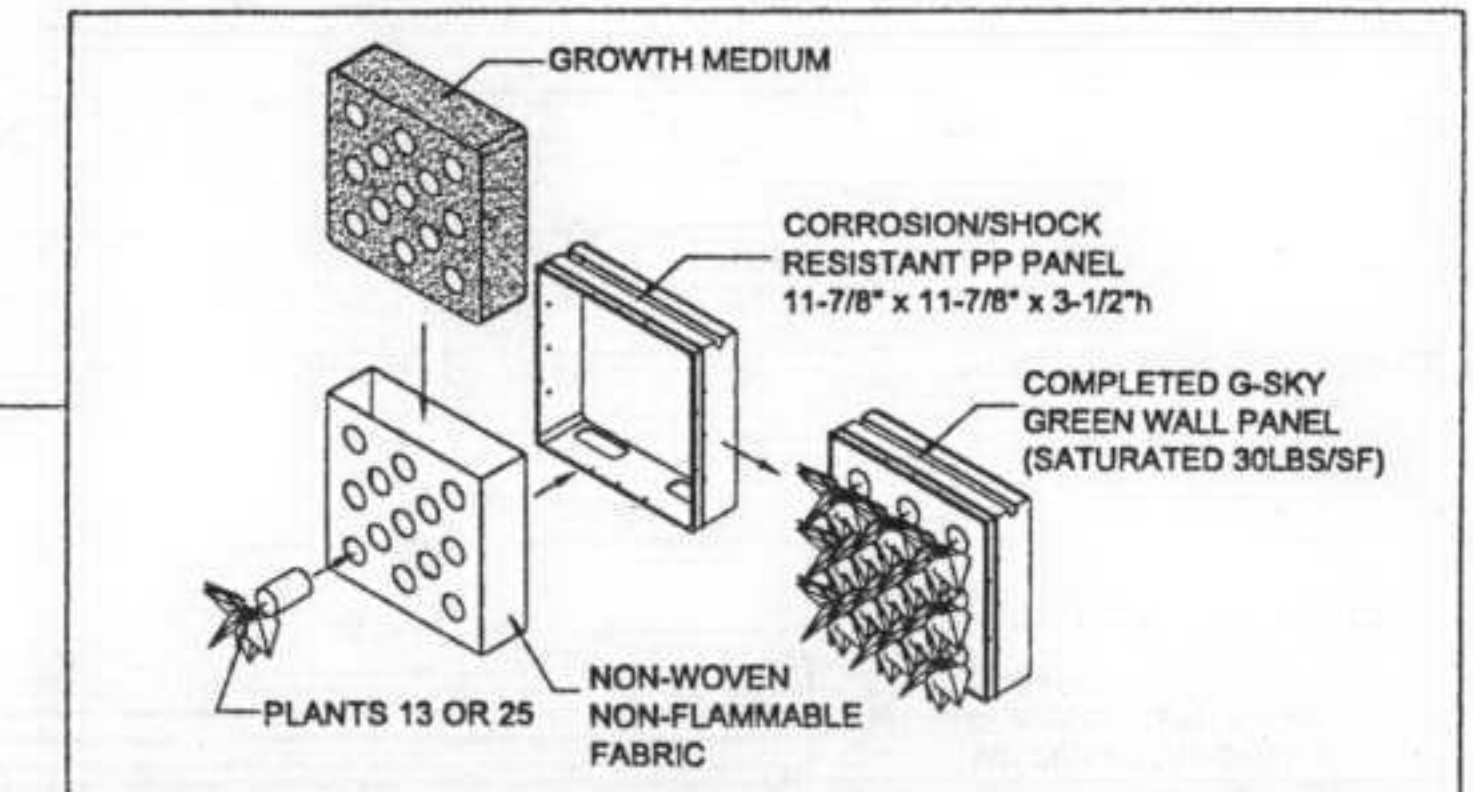
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(CAD FILE #2101)

3D VIEW



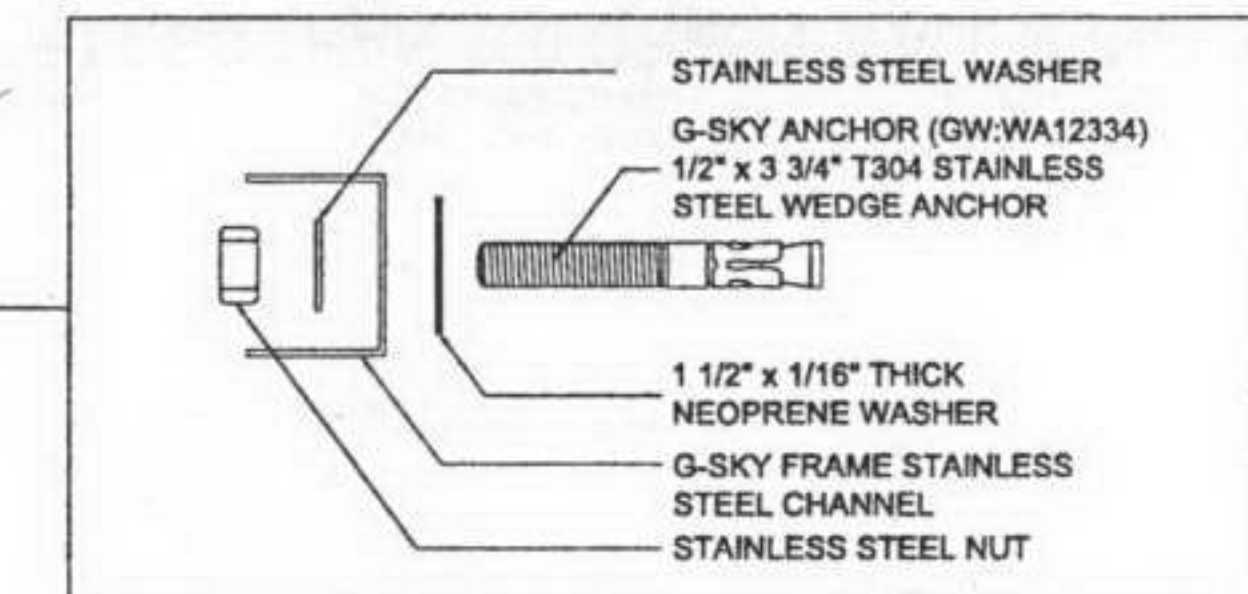
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(CAD FILE #2102)

G-SKY GREEN WALL PANEL ASSEMBLY



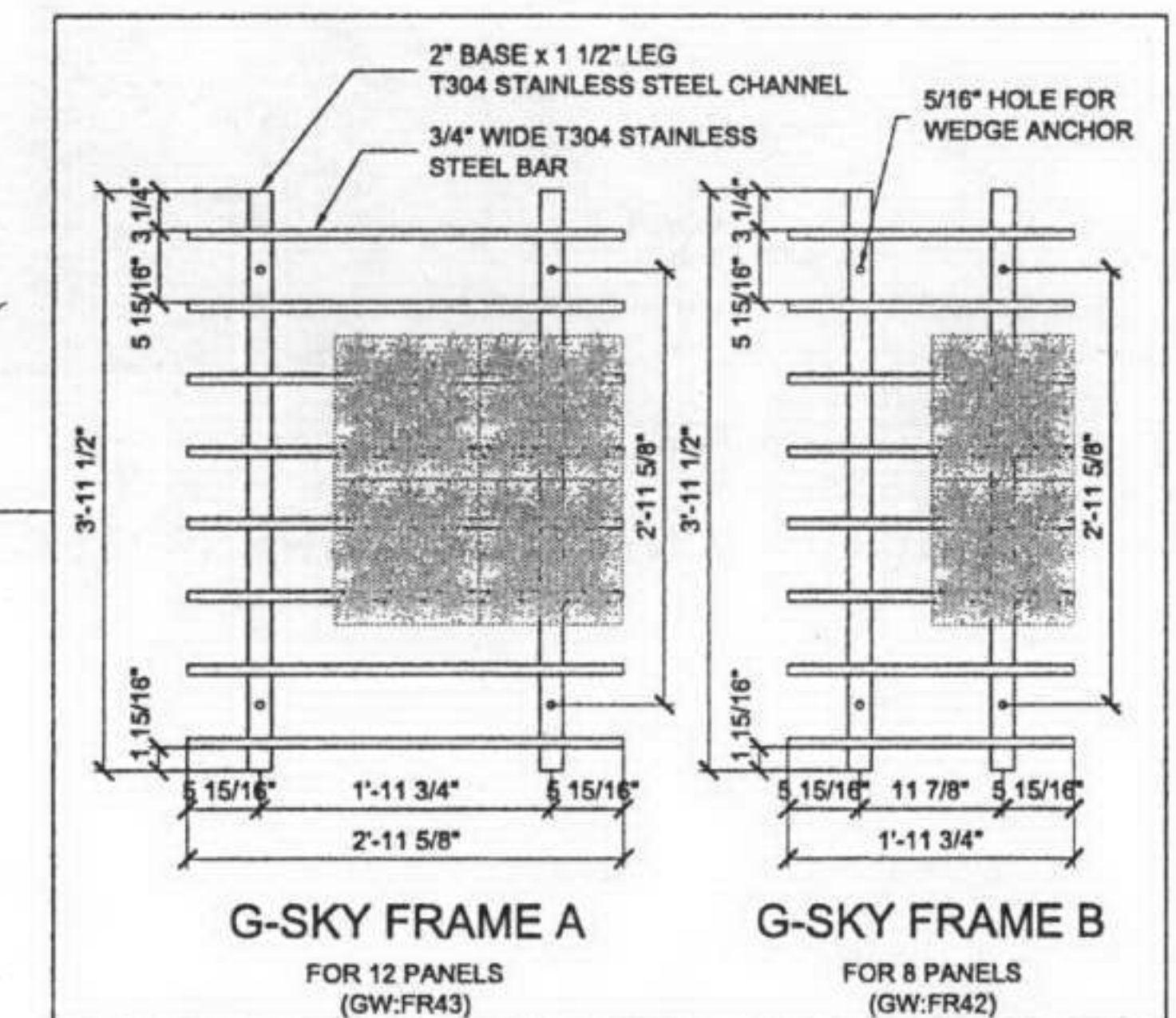
SCALE: 1/2" = 1'-0"
(CAD FILE #1101)

G-SKY ANCHOR DETAIL



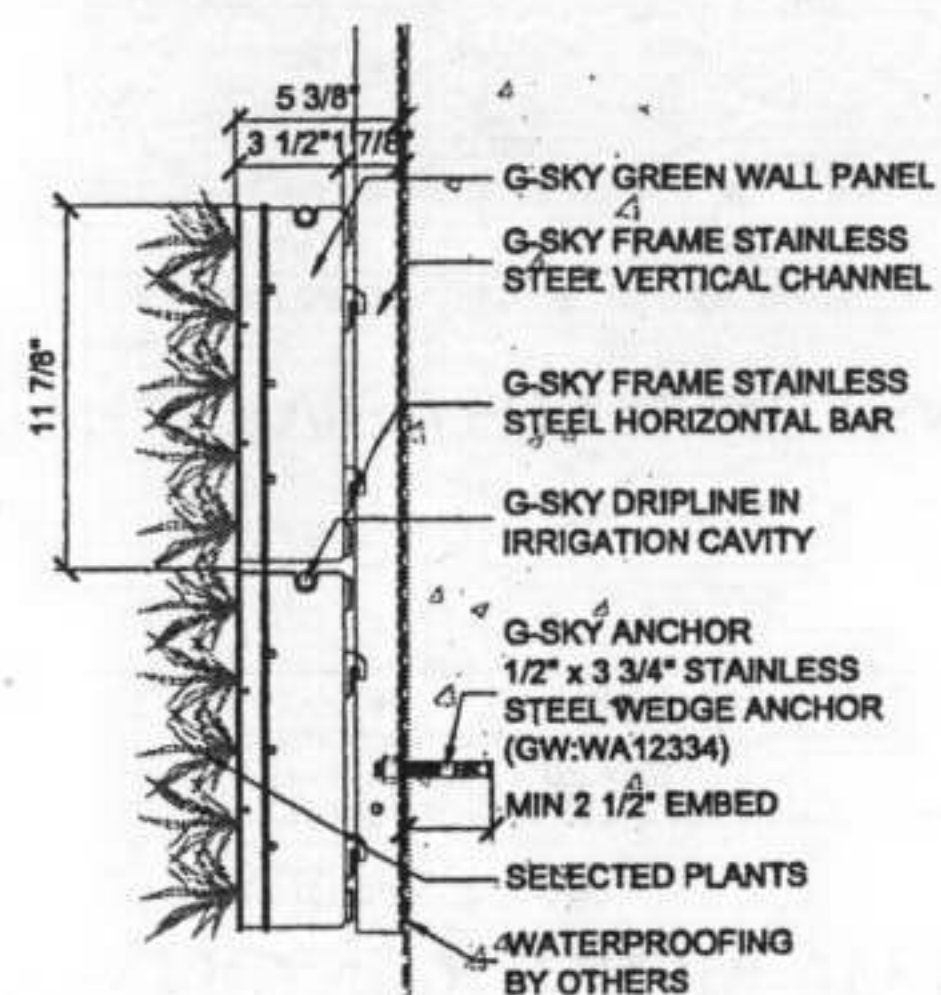
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(CAD FILE #1205)

G-SKY FRAME DETAILS



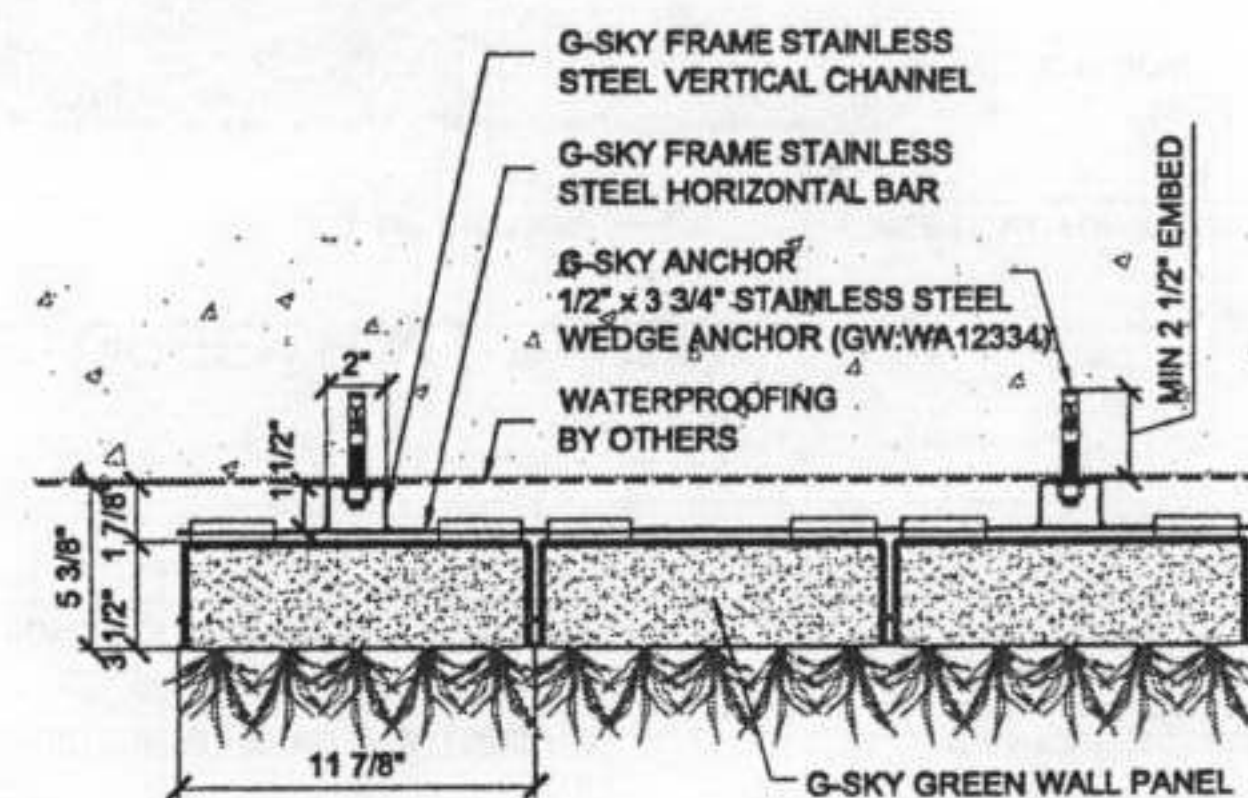
SCALE: 1/2" = 1'-0"
(CAD FILE #1201,1202)

SIDE VIEW



SCALE: 1" = 1'-0"
(CAD FILE #2103)

PLAN SECTION



SCALE: 1" = 1'-0"
(CAD FILE #2104)

G-SKY GREEN WALL PANELS

EIFS SYSTEM

gsky

DRAWING #

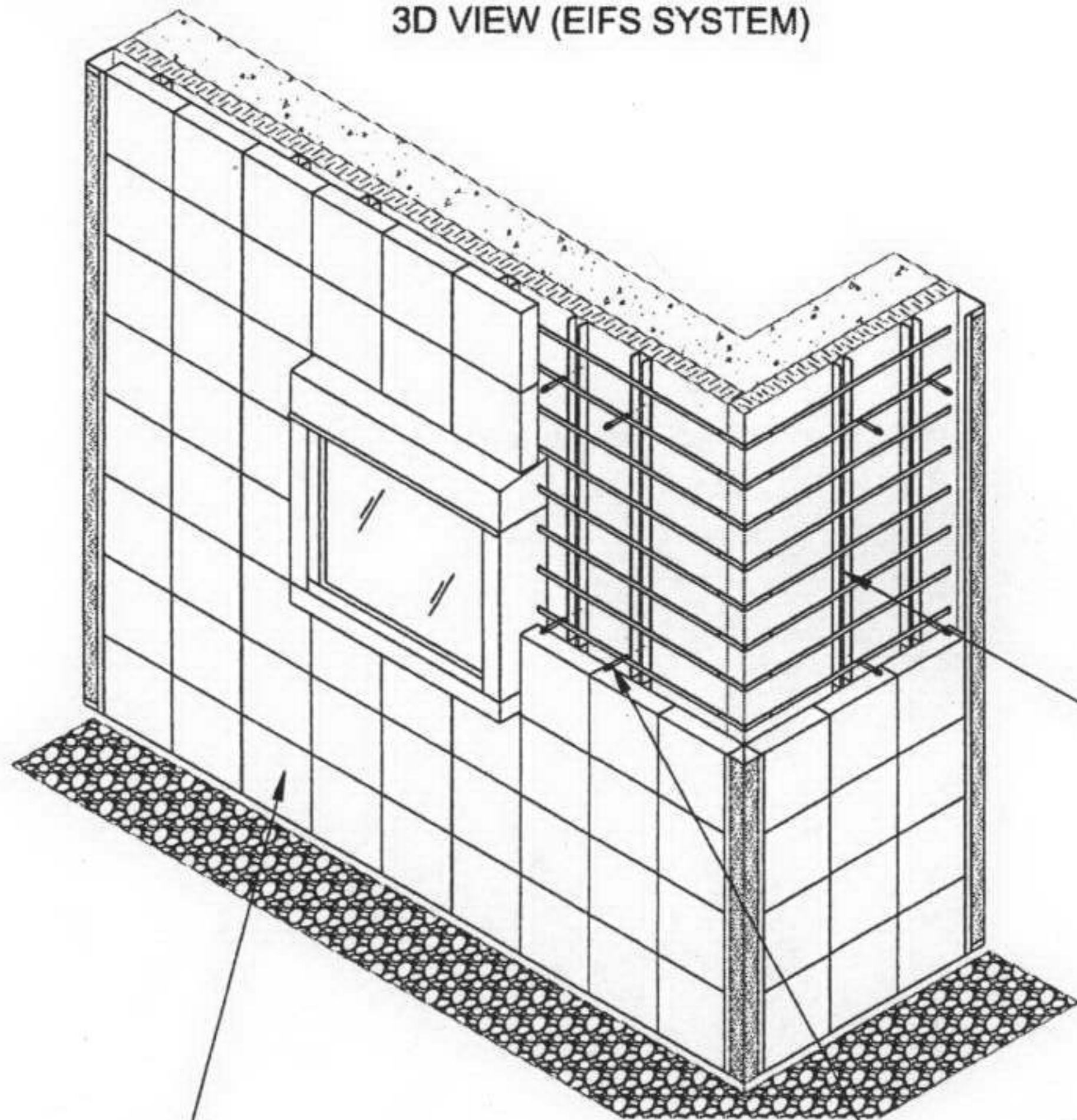
G-5

DATE: FEB 7, 2007

WALL MUST SUPPORT SATURATED GREEN WALL PANEL AND FRAME WEIGHT OF 30 LB/SQ.FT.
WATERPROOFING BY OTHERS

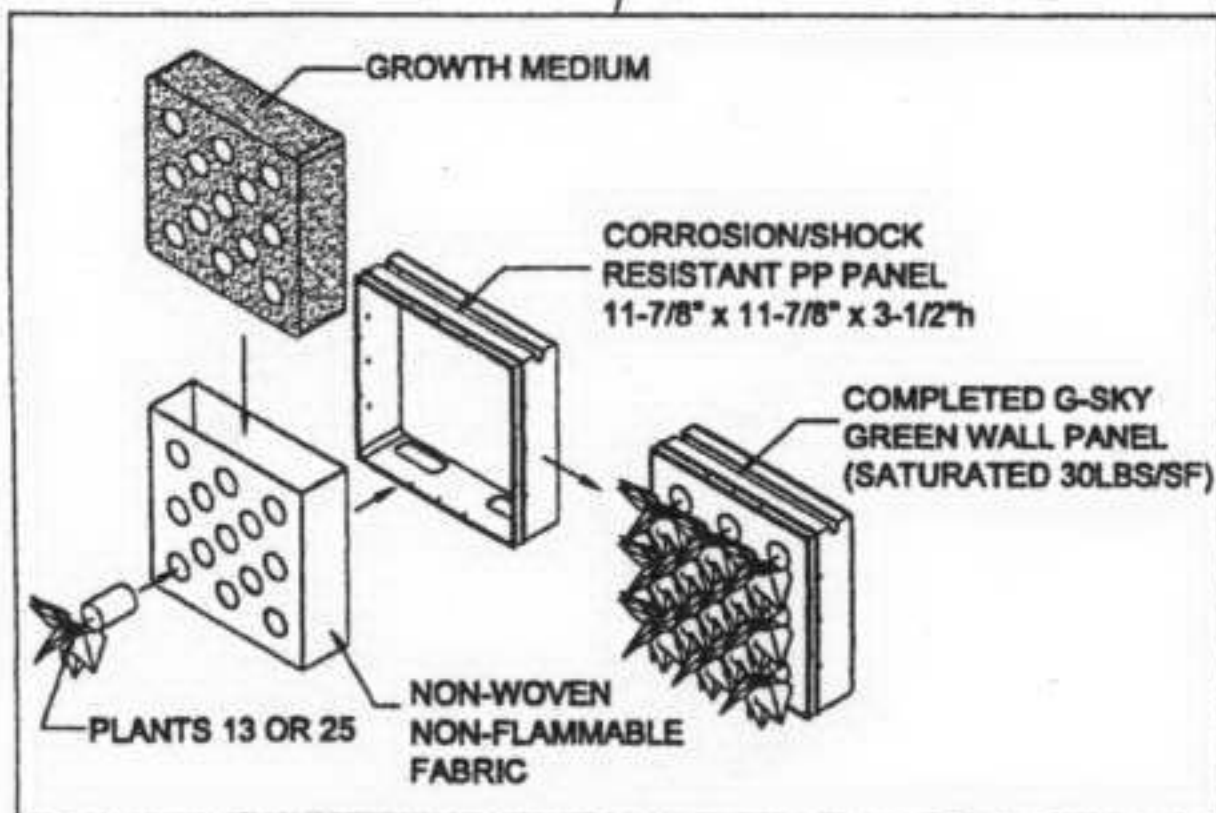
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3D VIEW (EIFS SYSTEM)



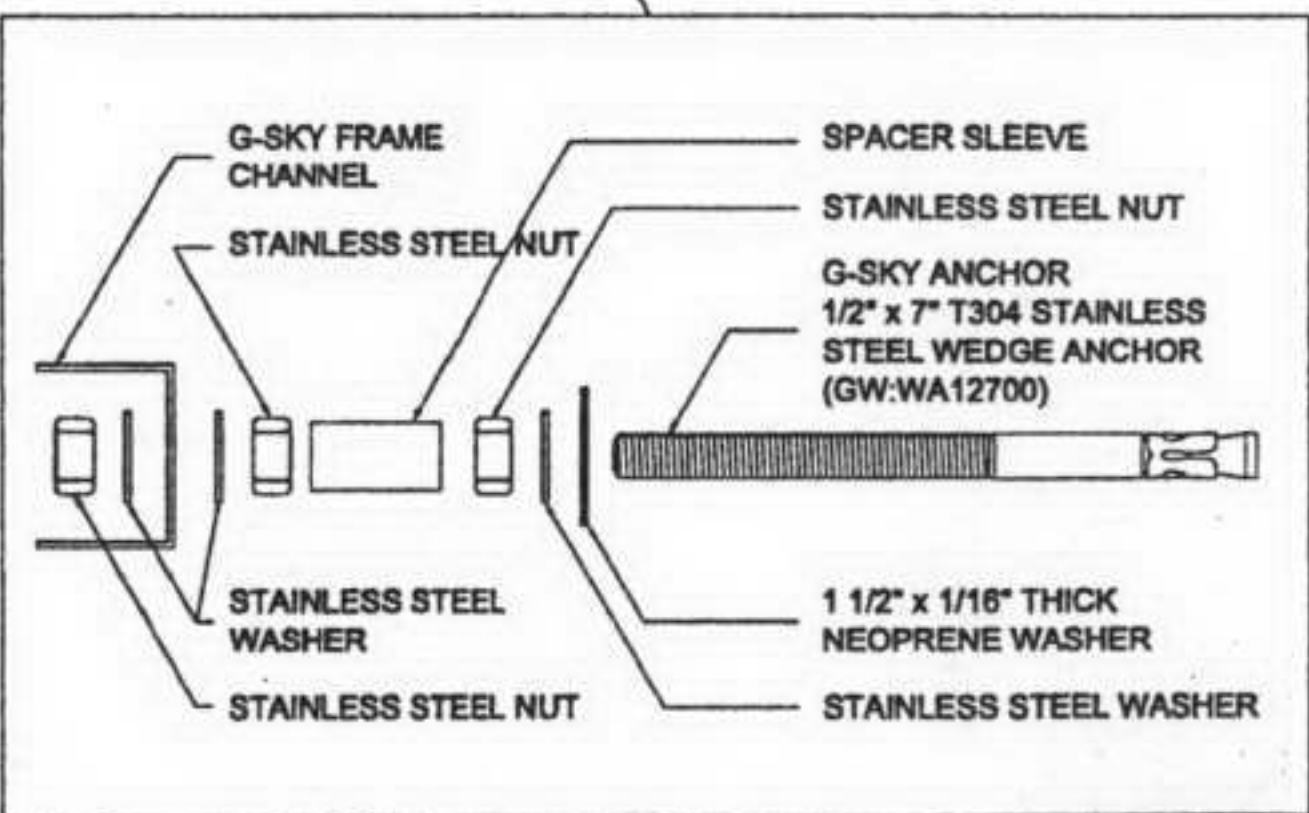
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(CAD FILE #2120)

G-SKY GREEN WALL PANEL ASSEMBLY



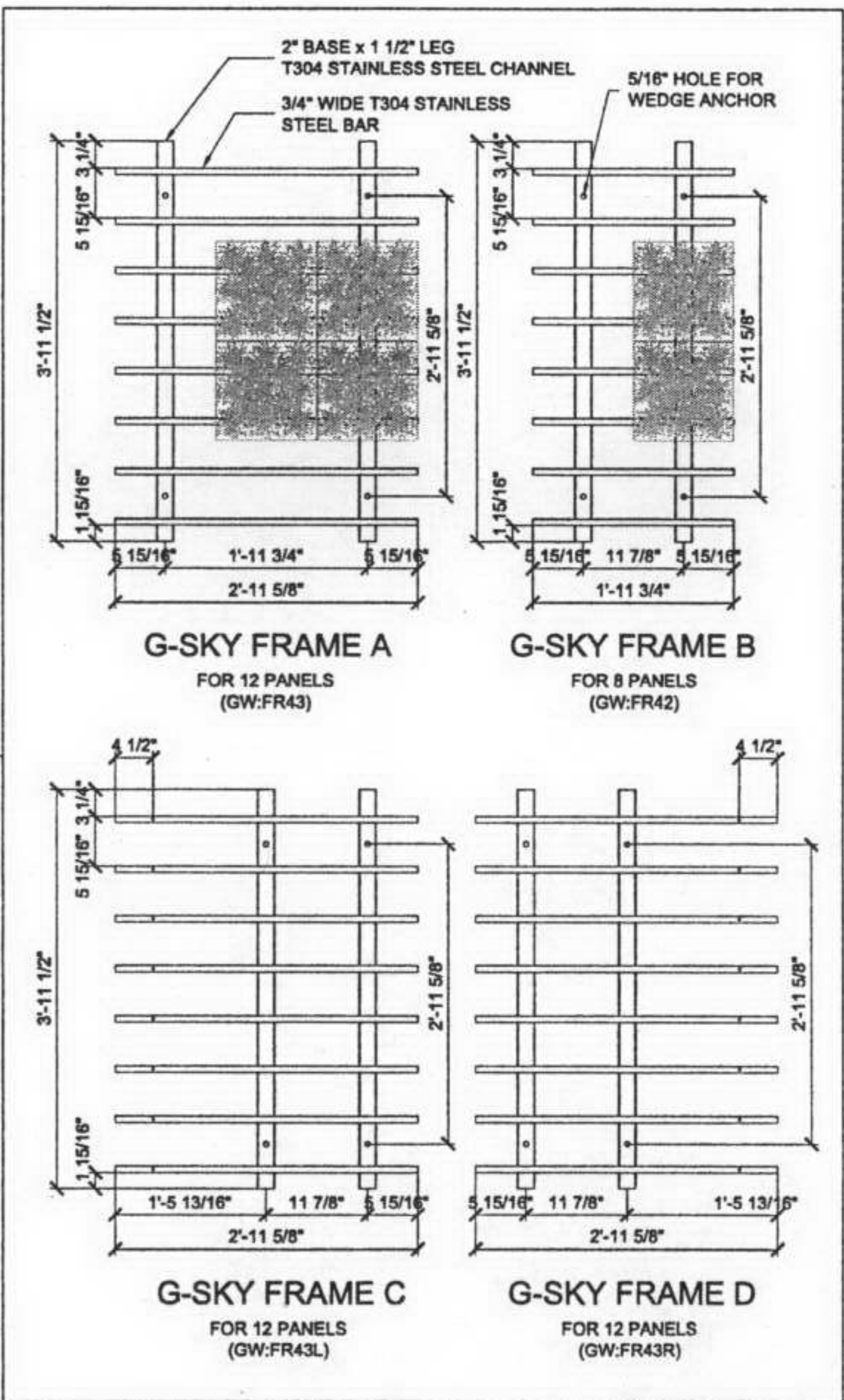
SCALE: 1/2" = 1'-0"
(CAD FILE #1101)

G-SKY ANCHOR DETAIL



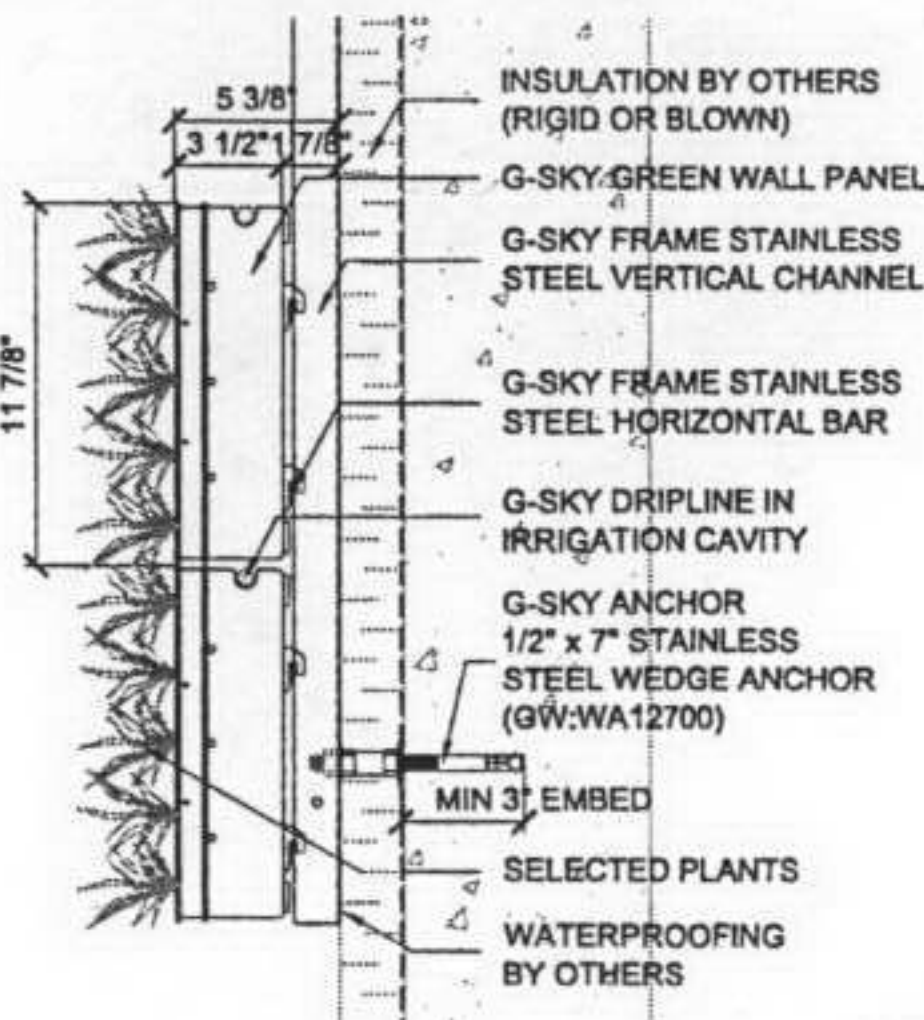
SCALE: 3" = 1'-0"
(CAD FILE #1206)

G-SKY FRAME DETAILS



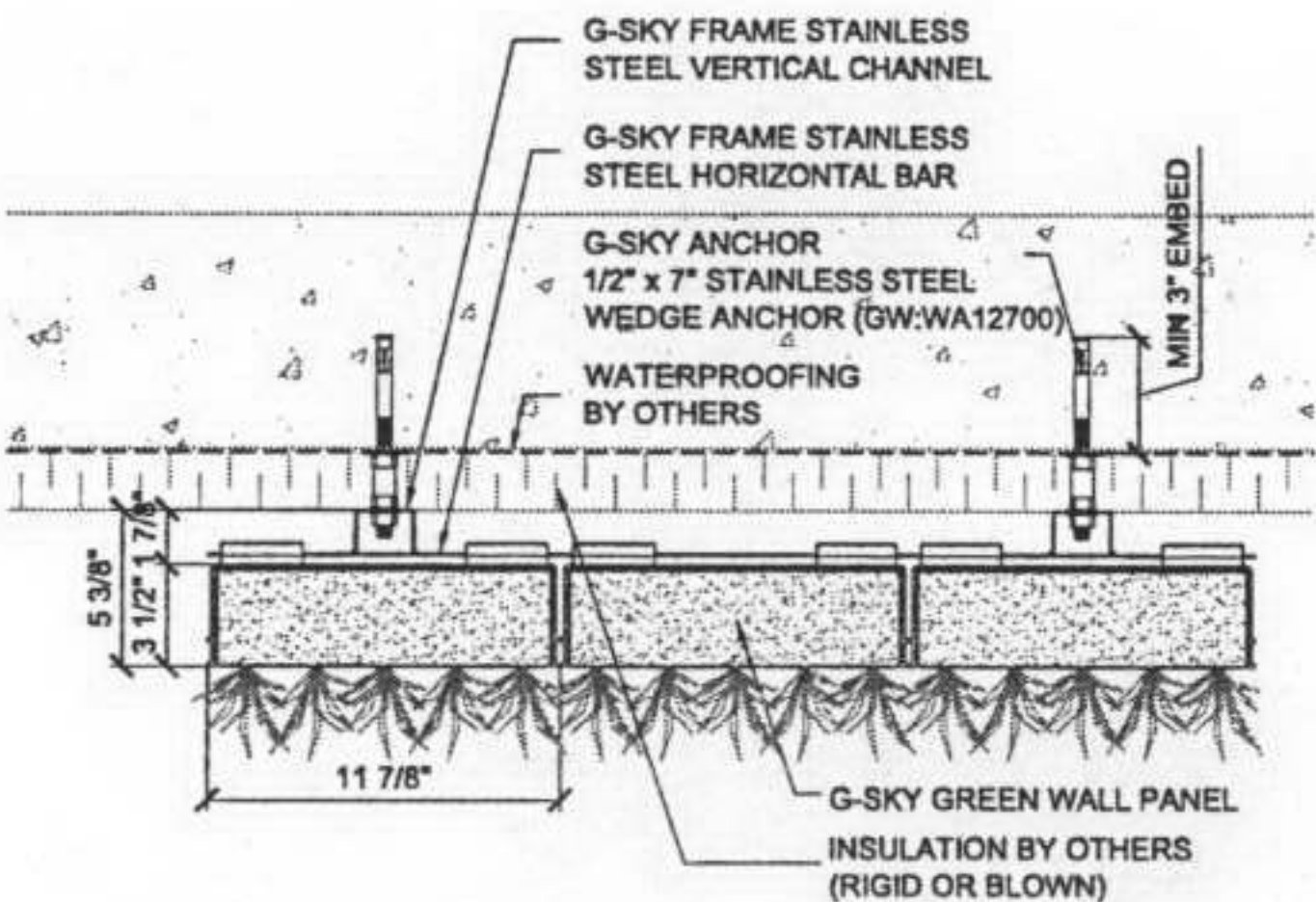
SCALE: 1/2" = 1'-0"
(CAD FILE #1201,1202,1203,1204)

SIDE VIEW (EIFS SYSTEM)



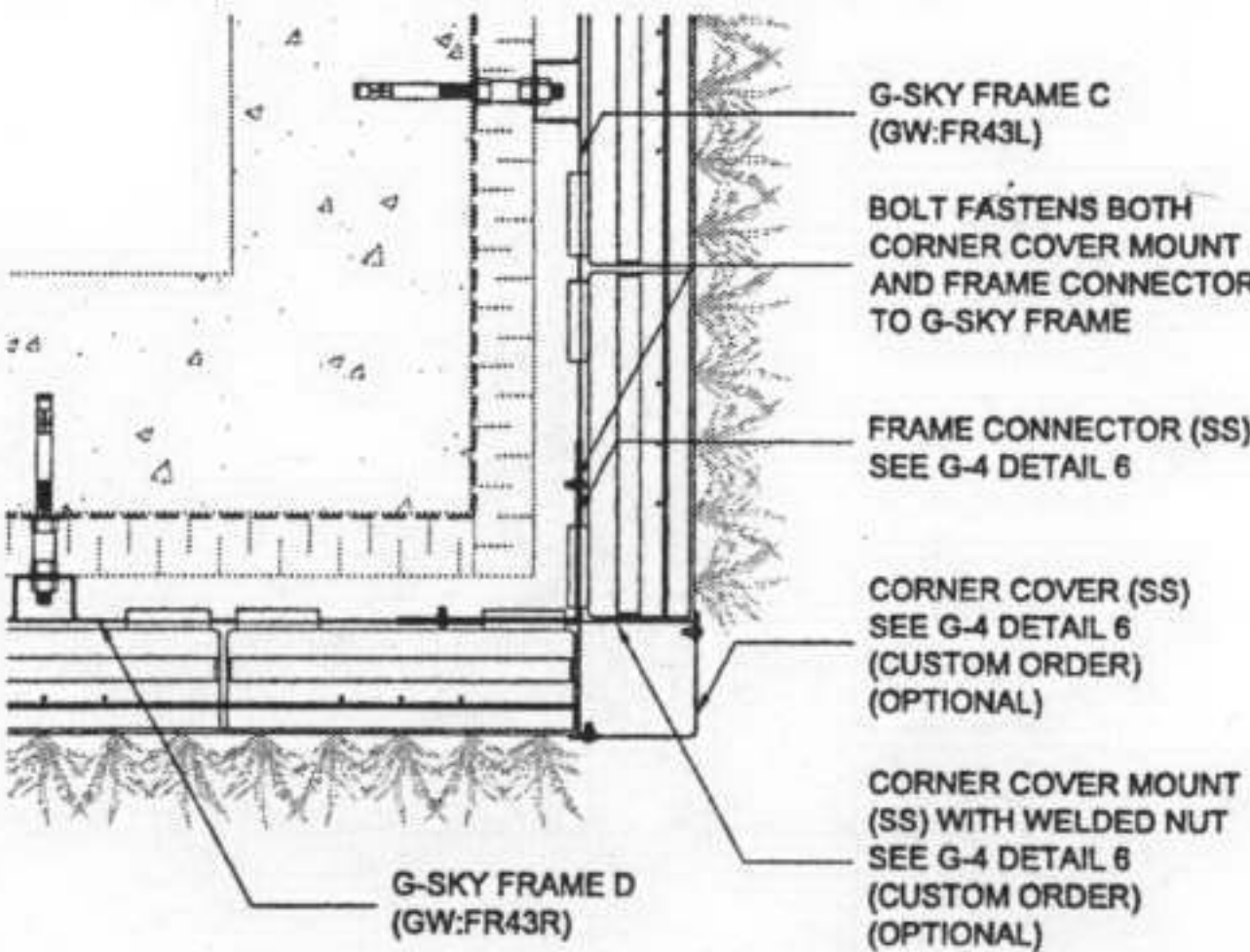
SCALE: 1" = 1'-0"
(CAD FILE #2121)

PLAN SECTION (EIFS SYSTEM)



SCALE: 1" = 1'-0"
(CAD FILE #2122)

CORNER DETAIL (EIFS SYSTEM)



SCALE: 1" = 1'-0"
(CAD FILE #2123)