



Research and Technology Center  
700 North Highway 45  
Libertyville, IL 60048  
(847) 970-5253  
fax: (847) 362-4871

REVISIONS

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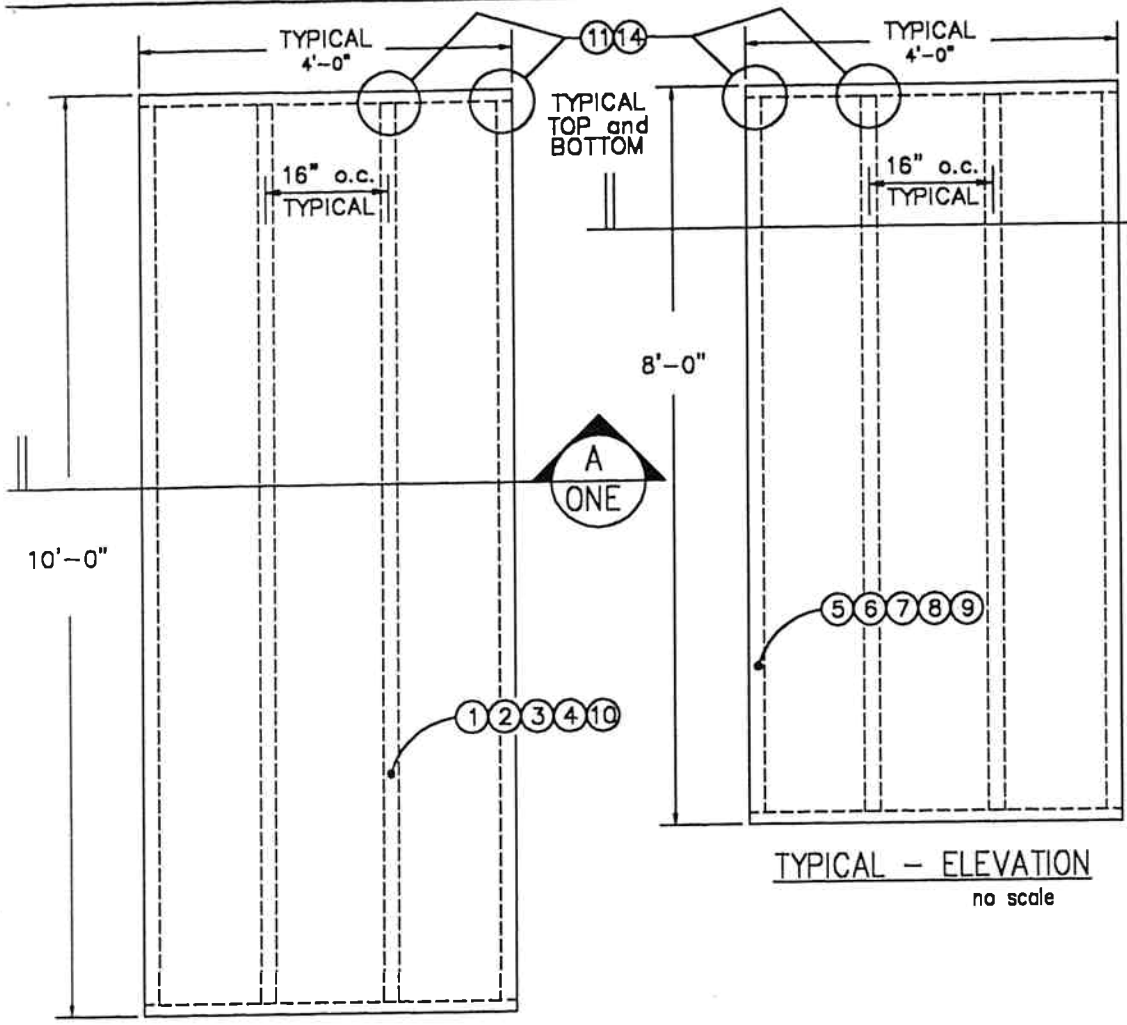
USG DUROSCREEN™ 1000 SYSTEM

\* PANEL TYPE 1 \*

MATERIALS LIST \* Panel Type 1 \*

MARK	DESCRIPTION
①	STUDS 3 5/8" X 18ga X 10'-0" with Fy=40 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP., and
②	TRACK 3-5/8" X 18ga X 4'-0", Fy=40 KSI
③	STUDS 6" X 20ga X 10'-0" with Fy=33 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP., and
④	TRACK 6" X 20ga X 4'-0", Fy=33 KSI
⑤	STUDS 6" X 18ga X 8'-0" with Fy=33 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP.
⑥	TRACK 6" X 18ga X 4'-0", Fy=33 KSI
⑦	STUDS 3-5/8" X 18ga X 8'-0" with Fy=33 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP.
⑧	TRACK 3-5/8" X 18ga X 4'-0", Fy=33 KSI
⑨	2x6x8'-0" WOOD STUDS and PLATES
⑩	2x8x10'-0" WOOD STUDS and PLATES
⑪	2-No. 8x1/2-ins WAFER SELF-DRILLING SCREWS by "GRABBER", or EQUAL (Use to connect track to vertical stud)
⑫	No. 8-1/8 by 1-5/8" S-12 STEEL DUROCK SCREWS spaced at 6" o.c. Along all stud and perimeter.
⑬	2-1/4" WOOD DUROCK® SCREWS SPACED AT 8" o.c. for all design pressures
⑭	2-16dx2-3/4-ins COMMON NAILS to connect plates to each stud
⑮	5/8" CDX PLYWOOD (min. 5 ply). For Fastening Refer to Mark 23
⑯	1/2" DUROCK® EXTERIOR CEMENT BOARD. For fastening Refer to Mark 12
⑰	5/8" GYPSUM PANELS (used for bracing of framing - see footnote 1.)
⑱	#15 ASPHALT FELT PAPER
⑲	1/4" STAPLES spaced randomly to connect the #15 asphalt felt paper to the sheathing
⑳	4.5 oz./yd.² USG EXTERIOR STANDARD REINFORCING MESH TO BE EMBEDDED TO THE SUBSTRATE WITH USG EXTERIOR BASECOAT.
㉑	USG EXTERIOR™ BASECOAT MIXED WITH WATER AND TROWEL APPLIED
㉒	USG EXTERIOR™ TEXTURED FINISH
㉓	1-1/4" S-12 SCREWS @ 12" o.c. along each stud and perimeter

FOOTNOTES: 1. The gypsum panel was secure to the framing with 1-1/4" drywall screws type S-12 spaced at 12" o.c., Typical.  
2. The joints on the Durack panels shall be treated with 4" USG Durack Tape that's embedded into USG Exterior™ Basecoat.

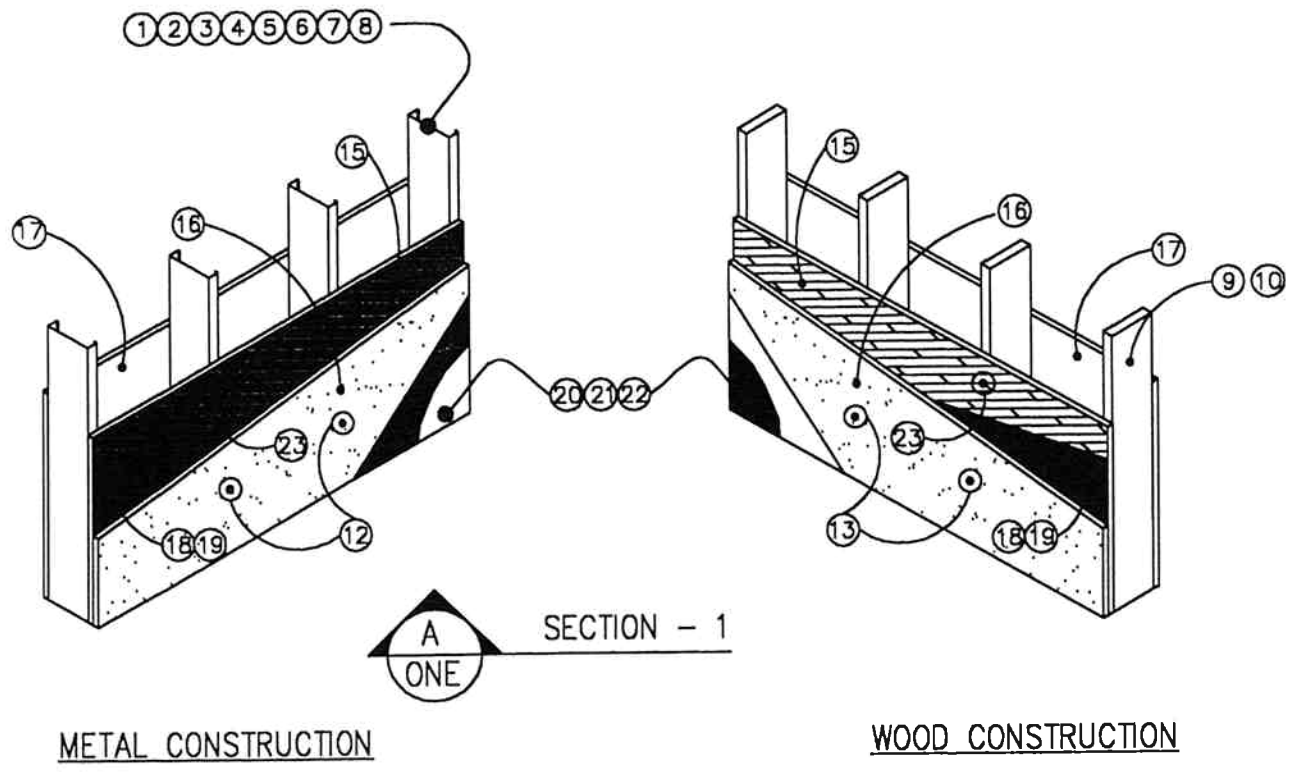


GENERAL NOTES AND DESIGN REQUIREMENTS

- DESIGN CRITERIA:
- All systems have been designed in accordance with the following codes:
    - South Florida Building Code 1994 Edition, Latest Edition & Supplements
    - American Iron & Steel Institute
    - American Institute of Timber Construction
  - All Steel Studs to be structural with 1-5/8" min. flange width and 1/2" lip return.
  - All Steel Stud to have a minimum yield stress value of 33 KSI or 40 KSI in accordance with this document.
  - Wood Stud shall be Southern Pine Structural No. 2 with a specific gravity of 0.55 or greater.
  - The successfully tested specimen shown on this drawing has been purposely assembled with a variety of stud sizes and gages for both wood framing and light-gauge steel framing. The Engineer and Architect of record shall assume the responsibility for the adequate sizing of framing to comply with pertinent codes as it relates to limiting stress levels, deformation and any other code requirement.
  - Maximum allowable deflection for this assembly shall be the lesser of L/240 or as required by code.
  - This system has been tested in accordance with Dade County Protocols PA — 202 & 203.
  - This system shall be applied by a licensed plastering contractor who shall follow this notice of acceptance, the recommendations of USG Corporation, and the applicable sections of the South Florida Building Code.

DESIGN PRESSURE	
POSITIVE	NEGATIVE
77 PSF	77 PSF

(FOR SHEET 1 ONLY)



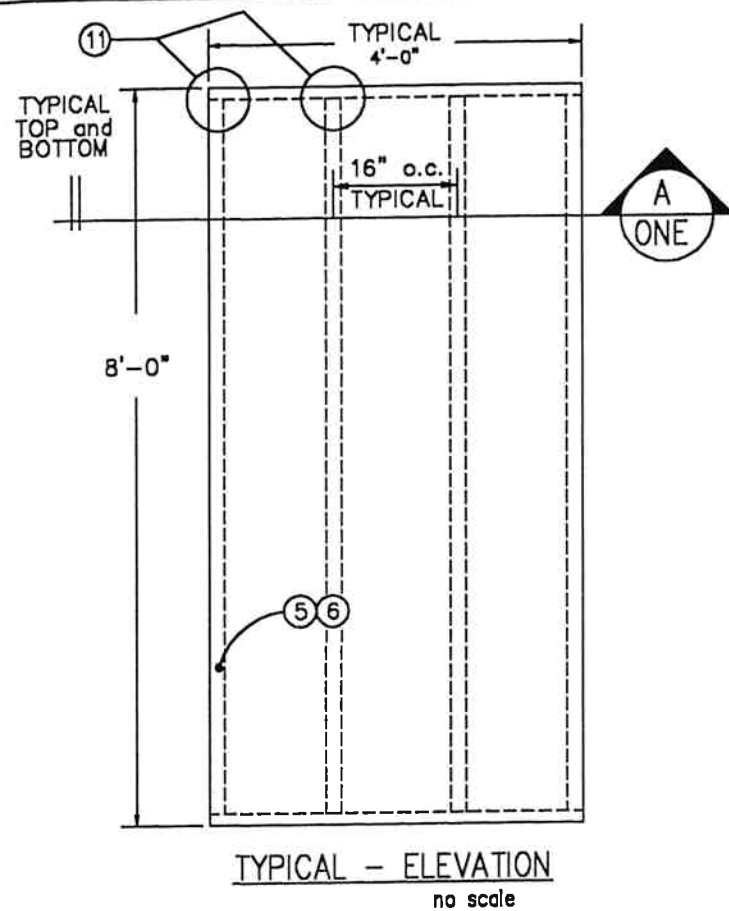
APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE October 29, 1998  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 98-0616-12

SEP 30 1998  
Warren W. Schaefer P.E.  
Structural Engineer  
PE 44135

FILE: dade1.dwg

designed	E.F.
drawn	J.S.
checked	E.F.
date	5-21-97

drawing number  
**ONE**  
SHT 1 of 2



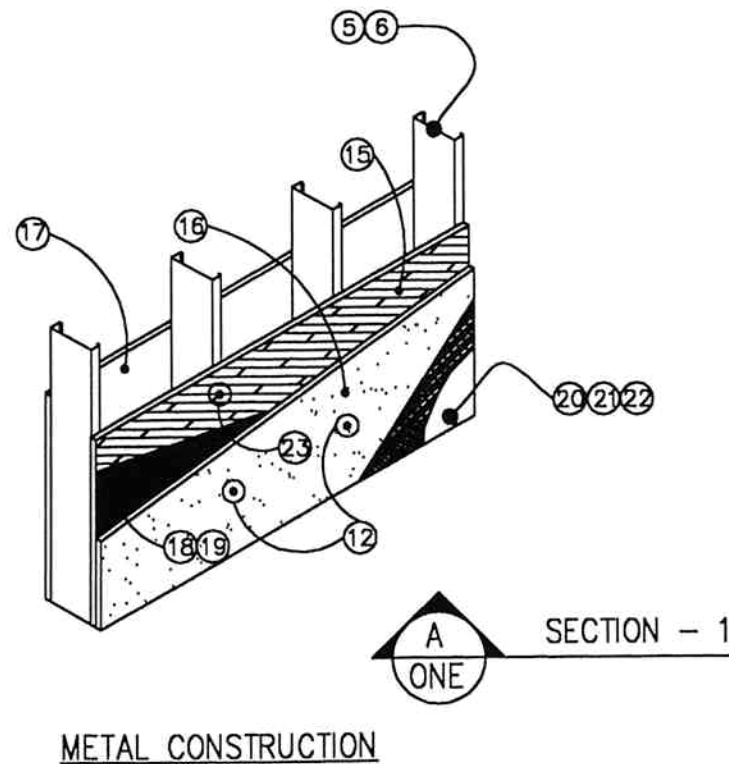
### GENERAL NOTES AND DESIGN REQUIREMENTS

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  - \* South Florida Building Code 1994 Edition, Latest Edition & Supplements
  - \* American Iron & Steel Institute
  - \* American Institute of Timber Construction
- All Steel Studs to be structural with 1-5/8" min. flange width and 1/2" lip return.
- All Steel Stud to have a minimum yield stress value of 33 KSI or 40 KSI in accordance with this document.
- Wood Stud shall be Southern Pine Structural No. 2 with a specific gravity of 0.55 or greater.
- The successfully tested specimen shown on this drawing has been purposely assembled with a variety of stud sizes and gages for both wood framing and light-gauge steel framing. The Engineer and Architect of record shall assume the responsibility for the adequate sizing of framing to comply with pertinent codes as it relates to limiting stress levels, deformation and any other code requirement.
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- This system has been tested in accordance with Dade County Protocols PA 202 & 203.
- This system shall be applied by a licensed plastering contractor who shall follow this notice of acceptance, the recommendations of USG Corporation, and the applicable sections of the South Florida Building Code.

DESIGN PRESSURE	
POSITIVE	NEGATIVE
105 PSF	105 PSF

(FOR SHEET 2 ONLY)



MATERIALS LIST * Panel Type 1 *	
MARK	DESCRIPTION
5	STUDS 6" X 18ga X 8'-0" with Fy=33 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP., and
6	TRACK 6" X 18ga X 4'-0", Fy=33 KSI
11	2-No. 8x1/2-ins WAFER SELF-DRILLING SCREWS by "GRABBER", or EQUAL. (Use to connect track to vertical stud)
12	NO. 8-18 by 1 5/8" S-12 STEEL DUROCK SCREWS spaced at 4" o.c. Along all stud and perimeter.
15	5/8" CDX PLYWOOD (min. 5 ply). For Fastening Refer to Mark 23
16	1/2" DUROCK EXTERIOR CEMENT BOARD. For fastening Refer to Mark 12
17	5/8" GYPSUM PANELS (used for bracing of framing - see footnote 1.)
18	#15 ASPHALT FELT PAPER
19	1/4" STAPLES spaced randomly to connect the #15 asphalt felt paper to the sheathing
20	4.5 oz./yd <sup>2</sup> USG EXTERIOR STANDARD REINFORCING MESH TO BE EMBEDDED INTO THE SUBSTRATE WITH USG EXTERIOR BASECOAT
21	USG EXTERIOR BASECOAT MIXED WITH WATER AND TROWEL APPLIED
22	USG EXTERIOR TEXTURED FINISH
23	1-1/4" S-12 SCREWS @ 12" o.c. along each stud and perimeter

- FOOTNOTES:
- The gypsum panel was secure to the framing with 1-1/4" drywall screws type S-12 spaced at 12" o.c., Typical.
  - The joints on the Durock panels shall be treated with 4" USG Durock Tape that's embedded into USG Exterior Basecoat.

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USG DUROSCREEN 1000 SYSTEM  
\* PANEL TYPE 1 \*

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SEP 30 1998  
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PE 44135

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Drawing number  
**ONE**  
SHT 2 of 2

Metropolitan Miami-Dade



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REVISIONS

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USG INSULSCREEN™ 2000 SYSTEM

\* PANEL TYPE 2 \*

MATERIALS LIST \* Panel Type 2 \*

MARK	DESCRIPTION	
①	STUDS 6" X 18ga X 10'-0" with Fy=33 or Fy=40 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP., and	/
②	TRACK 6" X 18ga X 4'-0", Fy=33 or Fy=40 KSI	/
③	STUDS 8" X 18ga X 8'-0" with Fy=33 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP., and	/
④	TRACK 8" X 18ga X 4'-0", Fy=33 KSI	/
⑤	STUDS 6" X 18ga X 8'-0" with Fy=33 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP., and	/
⑥	TRACK 6" X 18ga X 4'-0", Fy=33 KSI	/
⑦	2x8x10'-0" WOOD STUDS and PLATES	/
⑧	2-No. 8x1/2-ins WAFER SELF-DRILLING SCREWS by "GRABBER", or EQUAL (Use to connect track to vertical stud)	/
⑨	5/8" GYPSUM PANELS (used for bracing of framing - see footnote 1.)	/
⑩	#15 ASPHALT FELT PAPER	/
⑪	1/4" STAPLES spaced randomly to connect the #15 asphalt felt paper to the sheathing	/
⑫	2-16dx2-3/4-ins COMMON NAILS to connect plates to each stud	/
⑬	2" USG EXTERIOR Grooved Insulation Board with 1 PSF min. density by "Apache". For fasteners see mark 19 or 20.	/
⑭	USG EXTERIOR™ BASECOAT mixed with water and trowel applied.	/
⑮	USG EXTERIOR™ TEXTURE FINISH	/
⑯	20.0 oz./yd. USG EXTERIOR™ HEAVY-DUTY REINFORCING MESH Embedded into USG Exterior™ Basecoat	/
⑰	4.5 oz./yd. USG EXTERIOR™ DETAIL REINFORCING MESH Embedded into USG Exterior™ Basecoat	/
⑱	5/8" USG EXTERIOR SHEATHING Fire Code Sheetrock® Brand Exterior Wall board (see foot note for fastening)	/
⑲	#8x3", No. US-4 METAL Screws by Wind-Lock Corp and 2" dia Wind-Devil 2™ washer spaced at 12" o.c. to connect the Foam panel to the framing alternating with a 1-3/4" dia washer Type ULP-302 using the same screw and spacing to connect the Foam to the framing over the 20.0 oz./yd. USG EXTERIOR™ HEAVY-DUTY MESH (Item ⑯)	/
⑳	#8x3", No. UW-4 WOOD Screws by Wind-Lock Corp and 2" dia Wind-Devil 2™ washer spaced at 12" o.c. to connect the Foam panel to the framing alternating with a 1-3/4" dia washer Type ULP-302 using the same screw and spacing to connect the Foam to the framing over the 20.0 oz./yd. USG EXTERIOR™ HEAVY-DUTY MESH (Item ⑯)	/
㉑	1-1/4" S-12 SCREWS @ 12" o.c. along each stud and perimeter	/

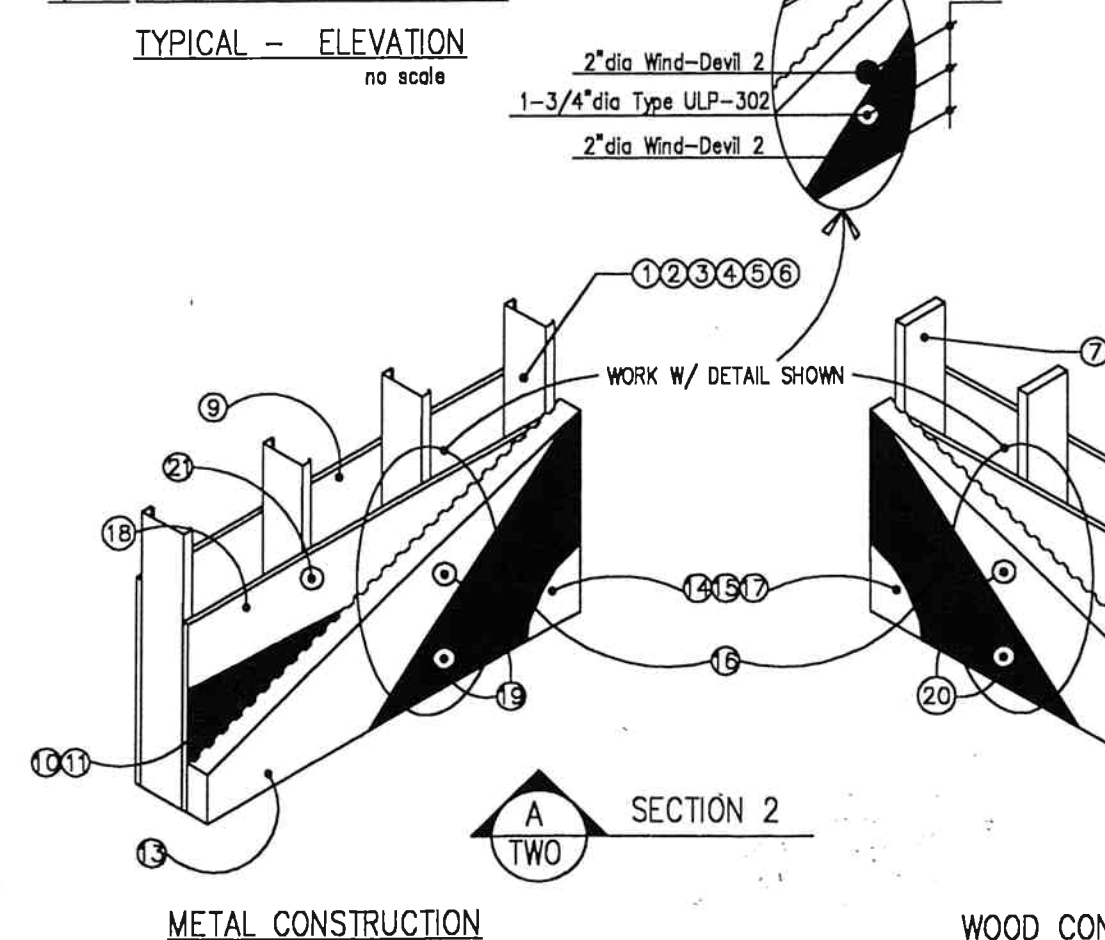
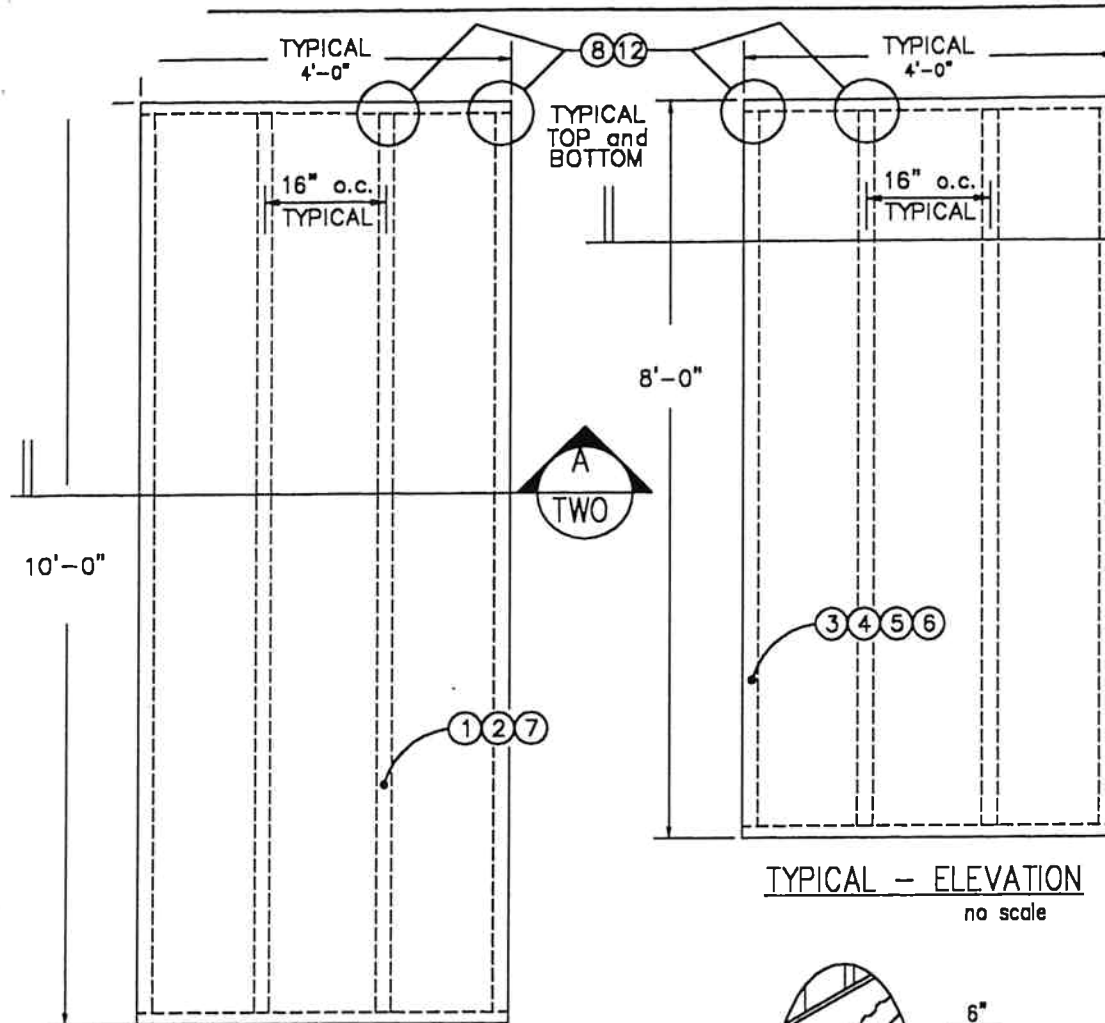
GENERAL NOTES AND DESIGN REQUIREMENTS

DESIGN CRITERIA:

- All systems have been designed in accordance with the following codes:
  - \* South Florida Building Code 1994 Edition, Latest Edition & Supplements
  - \* American Iron & Steel Institute
  - \* American Institute of Timber Construction
- All Steel Studs to be structural with 1-5/8" min. flange width and 1/2" lip return.
- All Steel Stud to have a minimum yield stress value of 33 KSI or 40 KSI in accordance with this document.
- Wood Stud shall be Southern Pine Structural No. 2 with a specific gravity of 0.55 or greater.
- The successfully tested specimen shown on this drawing has been purposely assembled with a variety of stud sizes and gages for both wood framing and light-gauge steel framing. The Engineer and Architect of record shall assume the responsibility for the adequate sizing of framing to comply with pertinent codes as it relates to limiting stress levels, deformation and any other code requirement.
- Maximum allowable deflection for this assembly shall be the lesser of L/240 or as required by code.
- This system has been tested in accordance with Dade County Protocols PA 201, 202 & 203 for large missile impact.
- This system shall be applied by a licensed plastering contractor who shall follow this notice of acceptance, the recommendations of USG Corporation, and the applicable sections of the South Florida Building Code.
- Install insulation boards with the edge horizontally using a running board pattern and off-setting sheathing vertical joints by 8".

DESIGN PRESSURE	
POSITIVE	NEGATIVE
84 PSF	84PSF

(FOR SHEET 1 ONLY)



METAL CONSTRUCTION

WOOD CONSTRUCTION

FOOTNOTES: 1. The gypsum panel is to be secured to the framing with 1-1/4" drywall screws type S-12 spaced at 12" o.c., Typical.

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DATE October 29, 1998  
BY [Signature]  
PRODUCT CONTROL DIV'S ON BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 98-0616-11

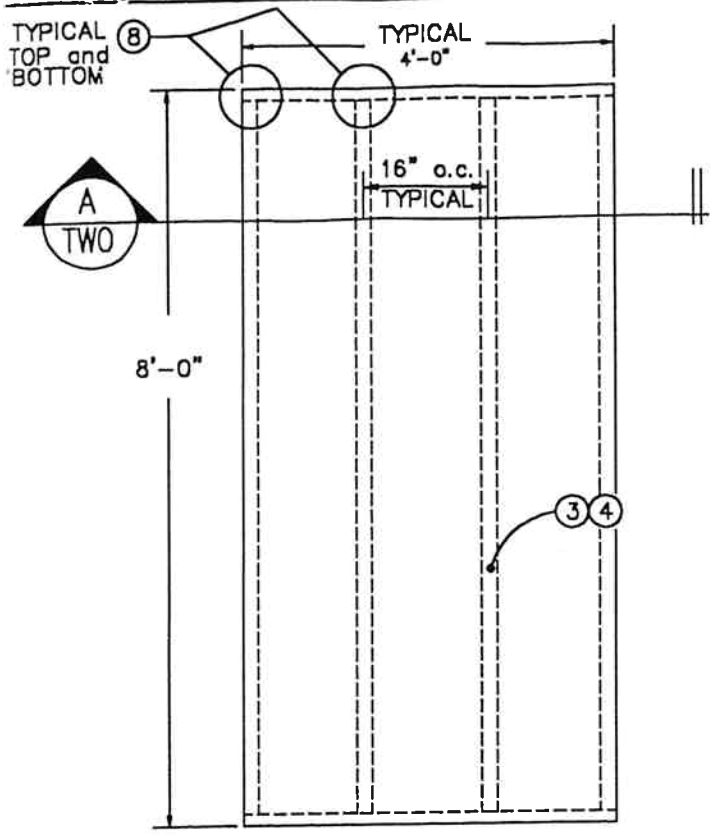
[Signature]  
SEP 30 1998  
Warren W. Schaefer P.E.  
Structural Engineer  
PE 44135

Metropolitan Miami-Dade

FILE: dade1.dwg

designed	E.F.
drawn	J.S.
checked	E.F.
date	5-21-97

Drawing number  
**TWO**  
SHT 1 of 2



TYPICAL - ELEVATION  
no scale

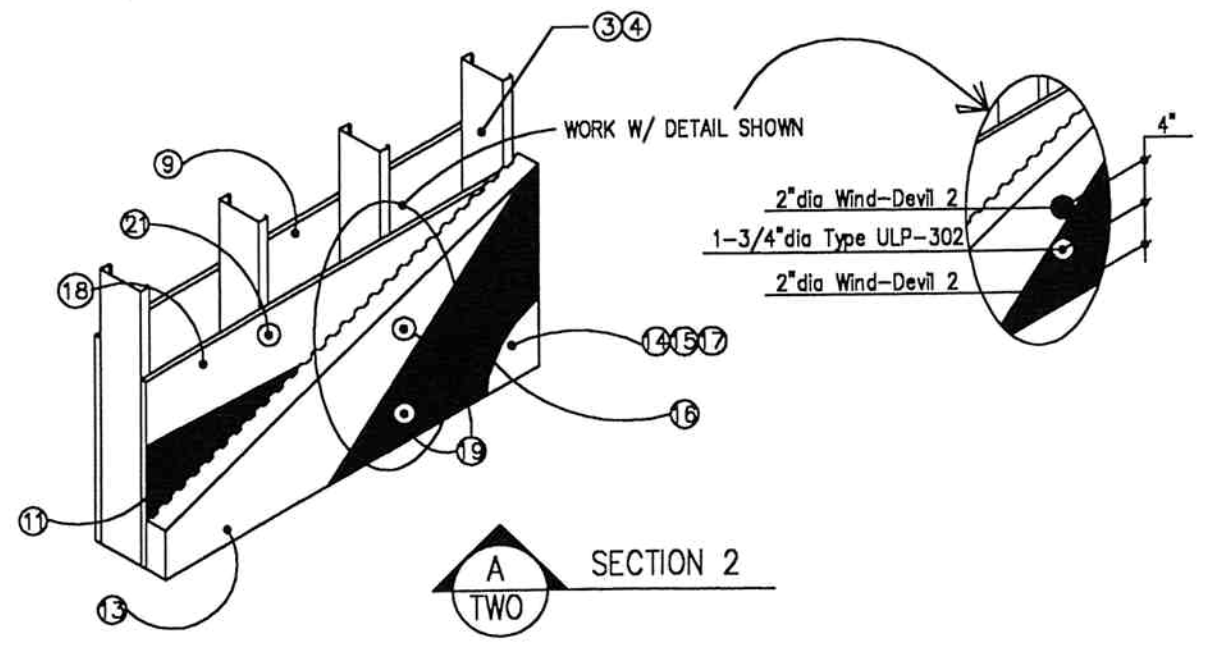
**GENERAL NOTES AND DESIGN REQUIREMENTS**

**DESIGN CRITERIA:**

- All systems have been designed in accordance with the following codes:
  - \* South Florida Building Code 1994 Edition, Latest Edition & Supplements
  - \* American Iron & Steel Institute
  - \* American Institute of Timber Construction
- All Steel Studs to be structural with 1-5/8" min. flange width and 1/2" lip return.
- All Steel Stud to have a minimum yield stress value of 33 KSI or 40 KSI in accordance with this document.
- Wood Stud shall be Southern Pine Structural No. 2 with a specific gravity of 0.55 or greater.
- The successfully tested specimen shown on this drawing has been purposely assembled with a variety of stud sizes and gages for both wood framing and light-gauge steel framing. The Engineer and Architect of record shall assume the responsibility for the adequate sizing of framing to comply with pertinent codes as it relates to limiting stress levels, deformation and any other code requirement.
- Maximum allowable deflection for this assembly shall be the lesser of L/240 or as required by code.
- This system has been tested in accordance with Dade County Protocols PA 201, 202 & 203 for large missile impact.
- This system shall be applied by a licensed plastering contractor who shall follow this notice of acceptance, the recommendations of USG Corporation, and the applicable sections of the South Florida Building Code.
- Install insulation boards with the edge horizontally using a running board pattern and off-setting sheathing vertical joints by 8".

DESIGN PRESSURE	
POSITIVE	NEGATIVE
119 PSF	119 PSF

(FOR SHEET 2 ONLY)



METAL CONSTRUCTION

MATERIALS LIST * Panel Type 2 *	
MARK	DESCRIPTION
③	STUDS 8" X 18ga X 8'-0" with Fy=33 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP., and ✓
④	TRACK 8" X 18ga X 4'-0", Fy=33 KSI ✓
⑧	2-No. 8x1/2-ins WAFER SELF-DRILLING SCREWS by "GRABBER", or EQUAL (Use to connect track to vertical stud) ✓
⑨	5/8" GYPSUM PANELS (used for bracing of framing - see footnote 1.) ✓
⑩	#15 ASPHALT FELT PAPER ✓
⑪	1/4" STAPLES spaced randomly to connect the #15 asphalt felt paper to the sheathing ✓
⑬	2" USG EXTERIOR Grooved Insulation Board with 1 PSF min. density by "Apache". (For fasteners see MARK 19) ✓
⑭	USG EXTERIOR™ BASECOAT mix with water and trowel applied. ✓
⑮	USG EXTERIOR™ TEXTURE FINISH ✓
⑯	20.0 oz./yd. USG EXTERIOR™ HEAVY-DUTY REINFORCING MESH Embedded with USG Exerior™ Basecoat. ✓
⑰	4.5 oz./yd. USG EXTERIOR™ DETAIL REINFORCING MESH Embedded with USG Exerior Basecoat. ✓
⑱	5/8" USG EXTERIOR SHEATHING Fire Code Sheetrock® Brand Wall board (see foot note for fastening) ✓
⑲	#8x3", No. US-4 METAL Screws by Wind-Lock Corp and 2" dia Wind-Devil 2 washer spaced at 8" o.c. to connect the Foam panel to the framing alternating with a 1-3/4" dia washer Type ULP-302 using the same screw and spacing to connect the Foam to the framing over the 20.0 oz./yd. USG EXTERIOR™ HEAVY-DUTY MESH (mark 16) ✓
⑳	1-1/4" S-12 SCREWS @ 12" o.c. along each stud and perimeter ✓

FOOTNOTES: 1. The gypsum panel is to be secured to the framing with 1-1/4" drywall screws type S-12 spaced at 12" o.c., Typical.

**USG**  
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REVISIONS	
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USG INSULSCREEN™ 2000 SYSTEM  
\* PANEL TYPE 2 \*

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE October 29, 1998  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 98-0616-11

[Signature]  
SEP 30 1998  
Warren W. Schaefer P.E.  
Structural Engineer  
PE 44135

FILE: dade1.dwg

designed	E.F.
drawn	J.S.
checked	E.F.
date	5-21-97

drawing number  
**TWO**  
SHT 2 of 2



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REVISIONS

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USG INSULSCREEN™ 2100 SYSTEM  
\* PANEL TYPE 3 \*

MATERIALS LIST \* Panel Type 3 \*

MARK	DESCRIPTION
①	STUDS 6" X 18ga X 10'-0" with Fy=33 or Fy=40 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP., and
②	TRACK 6" X 18ga X 4'-0", Fy=33 or Fy=40 KSI
③	STUDS 8" X 18ga X 8'-0" with Fy=33 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP., and
④	TRACK 8" X 18ga X 4'-0", Fy=33 KSI
⑤	STUDS 6" X 18ga X 8'-0" with Fy=33 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP., and
⑥	TRACK 6" X 18ga X 4'-0", Fy=33 KSI
⑦	2x8x10'-0" WOOD STUDS and PLATES
⑧	2-No. 8x1/2-ins WAFER SELF-DRILLING SCREWS by "GRABBER"® or EQUAL. (Use to connect track to vertical stud)
⑨	1-5/8" S-12 DUROCK® SCREWS SPACED AT 4" o.c. for ALL DESIGN PRESSURES, along each stud and perimeter
⑩	2-1/4" WOOD DUROCK® SCREWS SPACED AT 8" o.c. for ALL DESIGN PRESSURES, along each stud and perimeter
⑪	5/8" GYPSUM PANELS (used for bracing of framing see footnote 1)
⑫	#15 ASPHALT FELT PAPER
⑬	1/4" STAPLES spaced randomly to connect the #15 asphalt felt paper to the sheathing, AT 4" MAXIMUM SPACING.
⑭	2-16dx2-3/4-ins COMMON NAILS to connect plates to each stud
⑮	1-1/2" USG EXTERIOR™ Insulation Board with 1 PSF min. density by Apache® Adhered to Durock® with USG Exterior™ Basecoat
⑯	USG EXTERIOR™ BASECOAT mixed with water and trowel applied
⑰	USG EXTERIOR™ TEXTURE FINISH
⑱	15.0 oz./yd. USG EXTERIOR™ IMPACT REINFORCING MESH Embedded with USG Exterior™ Basecoat
⑲	4.5 oz./yd. USG EXTERIOR™ DETAIL REINFORCING MESH Embedded with USG Exterior™ Basecoat
⑳	1/2" DUROCK® CEMENT BOARD (for fastening see mark 9 or 10)

FOOTNOTES: 1. The gypsum panel was secure to the framing with 1-1/4" drywall screws type S-12 spaced at 12" o.c., Typical.

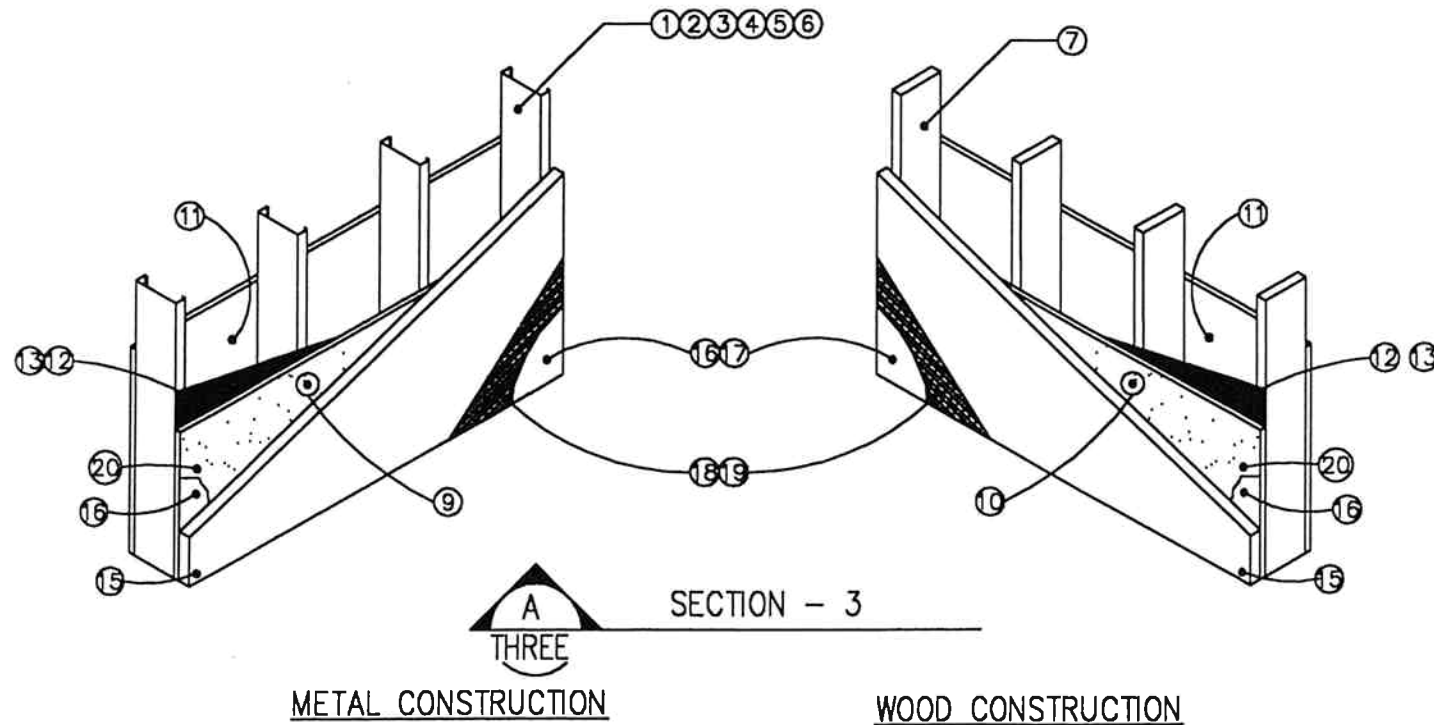
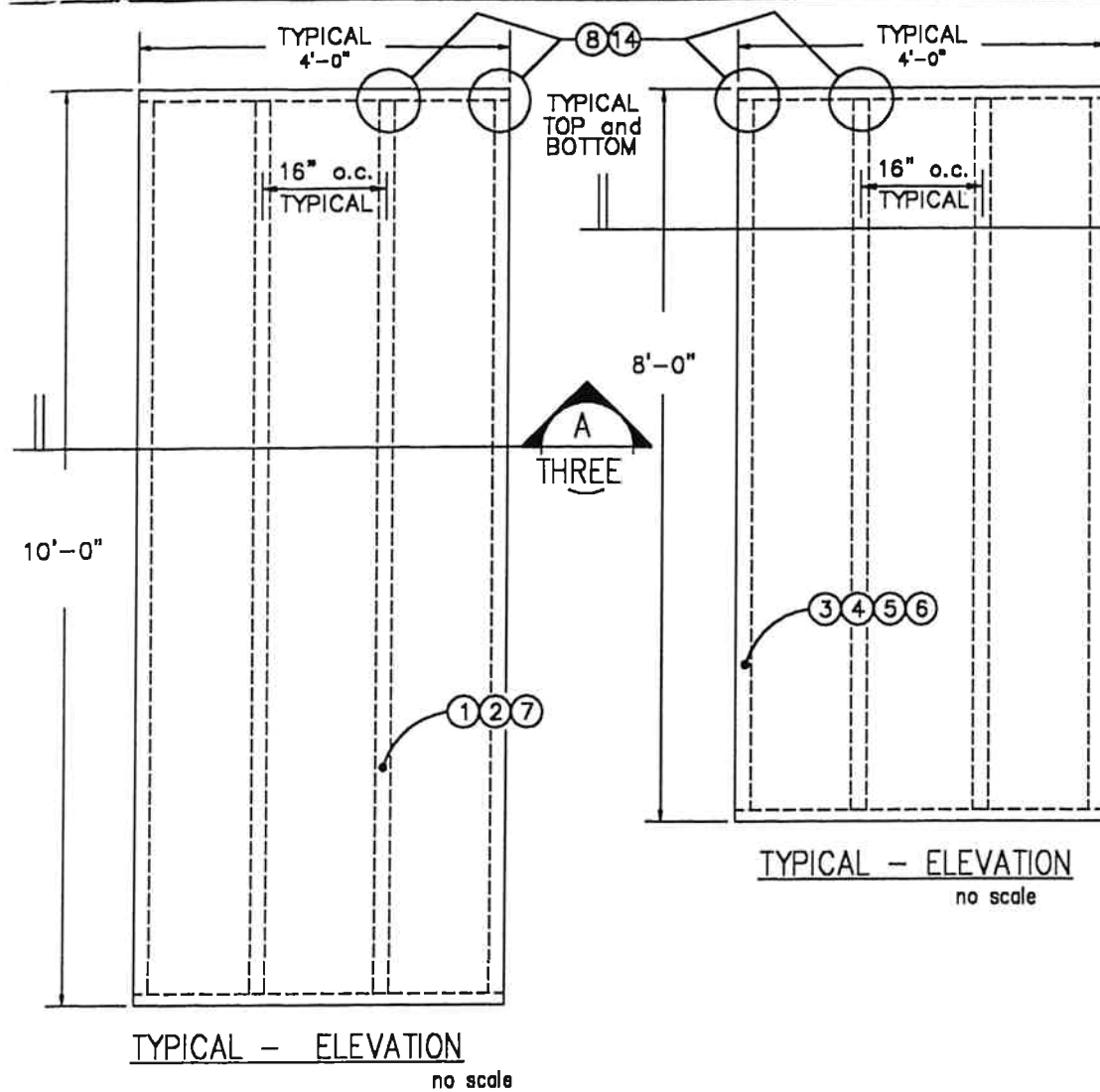
GENERAL NOTES AND DESIGN REQUIREMENTS

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  - \* American Iron & Steel Institute
  - \* American Institute of Timber Construction
- All Steel Studs to be structural with 1-5/8" min. flange width and 1/2" lip return.
- All Steel Stud to have a minimum yield stress value of 33 KSI or 40 KSI in accordance with this document.
- Wood Stud shall be Southern Pine Structural No. 2 with a specific gravity of 0.55 or greater.
- The successfully tested specimen shown on this drawing has been purposely assembled with a variety of stud sizes and gages for both wood framing and light-gauge steel framing. The Engineer and Architect of record shall assume the responsibility for the adequate sizing of framing to comply with pertinent codes as it relates to limiting stress levels, deformation and any other code requirement.
- Maximum allowable deflection for this assembly shall be the lesser of L/240 or as required by code.
- This system has been tested in accordance with Dade County Protocols PA 201, 202 & 203 for large missile impact.
- This system shall be applied by a licensed plastering contractor who shall follow this notice of acceptance, the recommendations of USG Corporation, and the applicable sections of the South Florida Building Code.
- Install insulation boards with the edge horizontally using a running board pattern and off-setting sheathing vertical joints by 8".

DESIGN PRESSURE	
POSITIVE	NEGATIVE
84 PSF	84PSF

(FOR SHEET 1 ONLY)



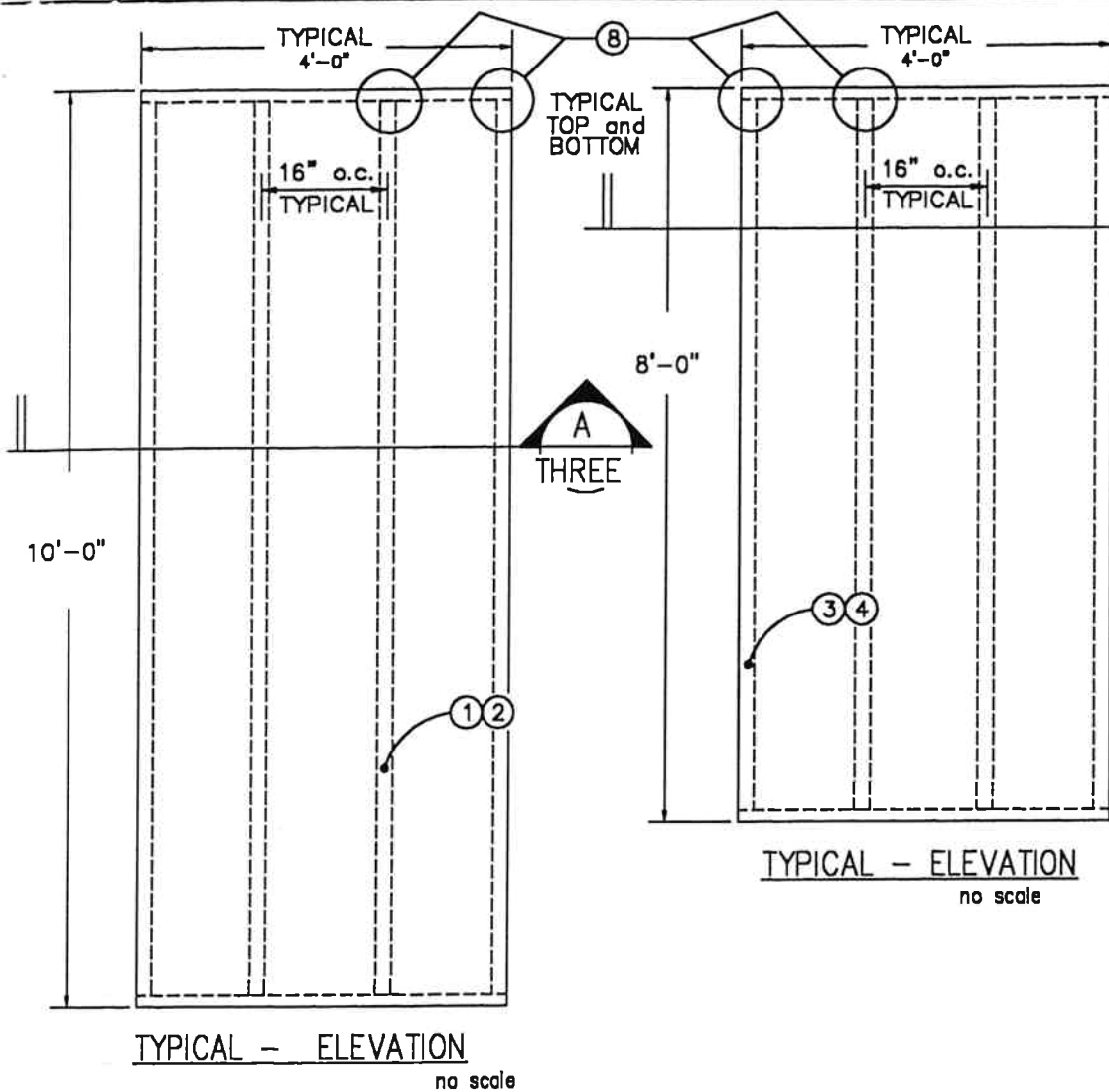
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Metropolitan Miami-Dade

SEP 30 1998  
Warren W. Schaefer P.E.  
Structural Engineer  
PE 44135

FILE: dade1.dwg

designed	E.F.
drawn	J.S.
checked	E.F.
date	5-21-97

drawing number  
**THREE**  
SHT 1 of 2



A  
THREE

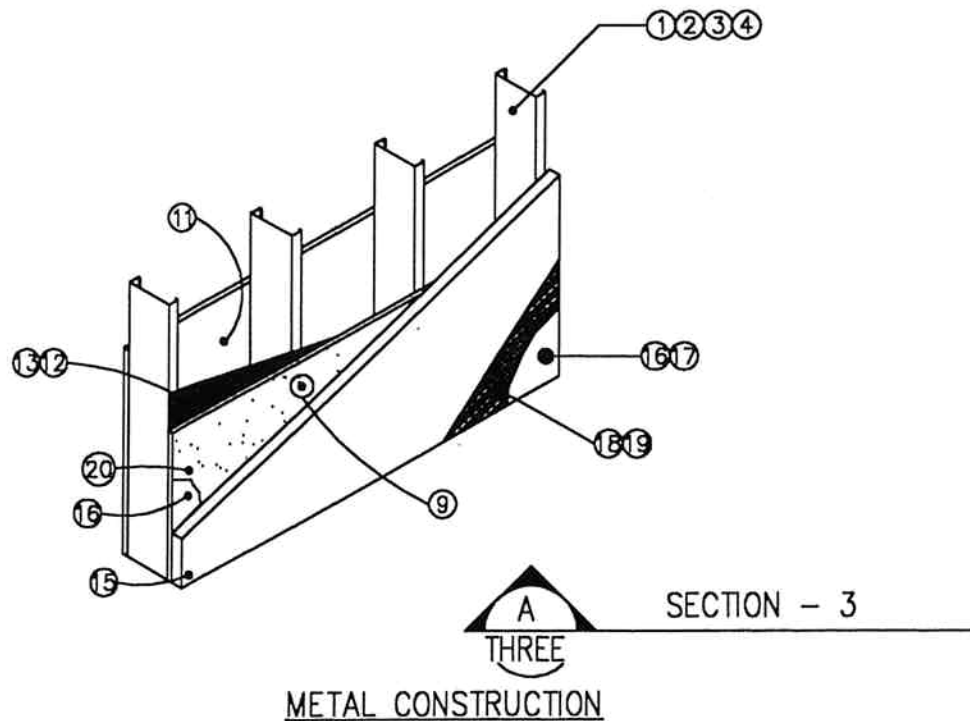
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- All systems have been designed in accordance with the following codes:
  - \* South Florida Building Code 1994 Edition, Latest Edition & Supplements
  - \* American Iron & Steel Institute
  - \* American Institute of Timber Construction
- All Steel Studs to be structural with 1-5/8" min. flange width and 1/2" lip return.
- All Steel Stud to have a minimum yield stress value of 33 KSI or 40 KSI in accordance with this document.
- Wood Stud shall be Southern Pine Structural No. 2 with a specific gravity of 0.55 or greater.
- The successfully tested specimen shown on this drawing has been purposely assembled with a variety of stud sizes and gages for both wood framing and light-gauge steel framing. The Engineer and Architect of record shall assume the responsibility for the adequate sizing of framing to comply with pertinent codes as it relates to limiting stress levels, deformation and any other code requirement.
- Maximum allowable deflection for this assembly shall be the lesser of L/240 or as required by code.
- This system has been tested in accordance with Dade County Protocols PA 201, 202 & 203 for large missile impact.
- This system shall be applied by a licensed plastering contractor who shall follow this notice of acceptance, the recommendations of USG Corporation, and the applicable sections of the South Florida Building Code.
- Install insulation boards with the edge horizontally using a running board pattern and off-setting sheathing vertical joints by 8".

DESIGN PRESSURE	
POSITIVE	NEGATIVE
119 PSF	119 PSF

(FOR SHEET 2 ONLY)



A  
THREE  
SECTION - 3

METAL CONSTRUCTION

MATERIALS LIST * Panel Type 3 *	
MARK	DESCRIPTION
①	STUDS 8" X 18ga X 10'-0" with Fy=33 or Fy=40 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP., and
②	TRACK 8" X 18ga X 4'-0", Fy=33 or Fy=40 KSI
③	STUDS 8" X 18ga X 8'-0" with Fy=33 KSI, and 1-5/8" FLANGE WIDTH and 1/2" LIP RETURN, at 16" o.c., TYP., and
④	TRACK 8" X 18ga X 4'-0", Fy=33 KSI
⑧	2-No. 8x1/2-ins WAFER SELF-DRILLING SCREWS by "GRABBER", or EQUAL (Use to connect track to vertical stud)
⑨	1-5/8" S-12 DUROCK® SCREWS SPACED AT 4" o.c. for ALL DESIGN PRESSURES, along each stud and perimeter
⑪	5/8" GYPSUM PANELS (used for bracing of framing - see footnote 1)
⑫	#15 ASPHALT FELT PAPER
⑬	1/4" STAPLES spaced randomly to connect the #15 asphalt felt paper to the sheathing, AT 4" MAXIMUM SPACING
⑮	1-1/2" USG EXTERIOR Insulation Board with 1 PSF min. density by Apache Adhered to Durock with USG Exterior Basecoat
⑯	USG EXTERIOR BASECOAT mixed with water and trowel applied
⑰	USG EXTERIOR TEXTURE FINISH
⑱	15.0 oz./yd. USG EXTERIOR IMPACT REINFORCING MESH Embedded with USG Exterior Basecoat
⑲	4.5 oz./yd. USG EXTERIOR DETAIL REINFORCING MESH Embedded with USG Exterior Basecoat
⑳	1/2" DUROCK® CEMENT BOARD (for fastening see mark 9)

FOOTNOTES: 1. The gypsum panel was secure to the framing with 1-1/4" drywall screws type S-12 spaced at 12" o.c., Typical.

**USG**  
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REVISIONS	
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USG INSULSCREEN™ 2100 SYSTEM  
\* PANEL TYPE 3 \*

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE October 29, 1998  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 98-0616-13

Metropolitan Miami-Dade

[Signature]  
SEP 30 1998  
Warren W. Schaefer P.E.  
Structural Engineer  
PE 44135

FILE: dade1.dwg  
designed E.F.  
drawn J.S.  
checked E.F.  
date 5-21-97

drawing number  
**THREE**  
SHT 2 of 2