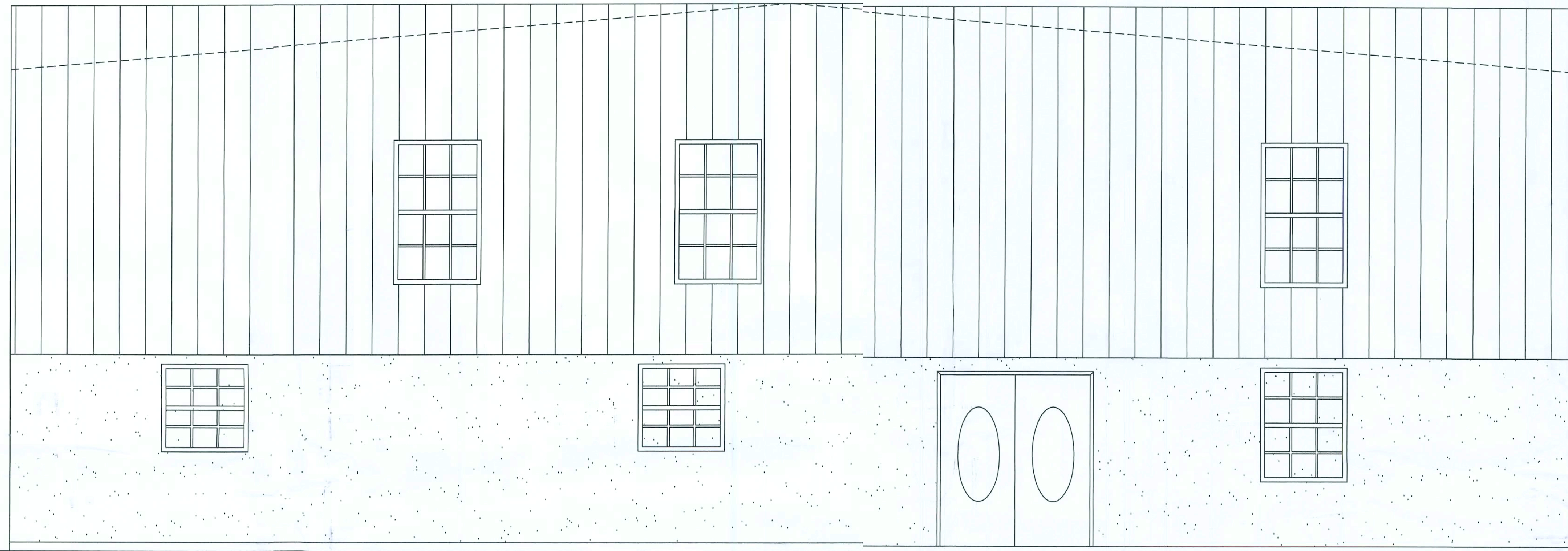


NEW GEIGER'S RESIDENCE
 863 SW HENDERSON TERRACE



PAGE LEGEND

- | | |
|---------------------|--------------------------|
| T-1= TITLE PAGE | S--1= FLOOR JOIST LAYOUT |
| C-1= SITEPLAN | E--0= UNDERSLAB ELECTRIC |
| A-0= FOUNDATION | E--1= 1ST FL ELECTRIC |
| A-1= 1ST FL. LAYOUT | E--2= 2ND FL. ELECTRIC |
| A-2= 2ND FL. LAYOUT | E--3= PANEL SCHEDULE |
| A-3= DIMENTION PLAN | M--0= MECHANICAL NOTES |
| A-4= ELEVATIONS | M--1= MECHANICAL HVAC |
| A-5= SECTION VIEW | P--0= 1ST FLOOR SUPPLY |
| A-6= WALL TYPES | P--1= 1ST FLOOR SANITARY |
| A-7= SAFE ROOM | P--2= 2ND FLOOR SANITARY |

General Notes

THESE PLANS ARE MEANT TO COMPLY WITH FBC SECTION 1606 AND WERE DESIGNED AND DRAWN BY:
 RANDAL L GEIGER
 2095 N. BERKLEY RD
 AVON PARK, FL 33825

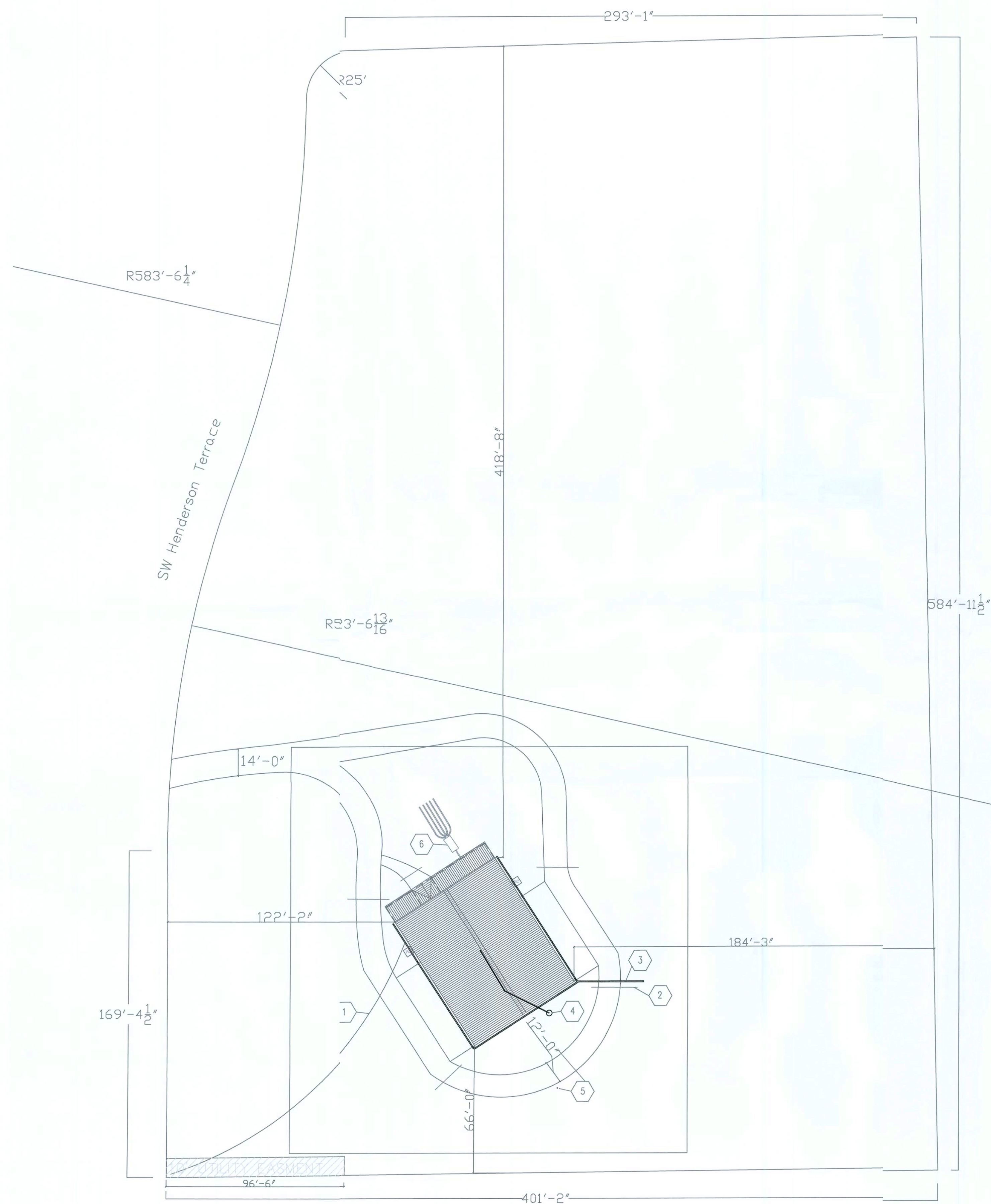
SQUARE FOOTAGES
 1ST FLOOR CONDITIONED 1450
 2ND FLOOR CONDITIONED 1670
 TOTAL CONDITIONED 3120
 1ST FLOOR GARAGE 2997

| No. | Revision/Issue | Date |
|-----|----------------|---------|
| 1 | Revision | 5/05/08 |

Firm Name and Address
 RANDAL L & MARY E GEIGER
 2095 N. BERKLEY RD.
 AVON PARK, FL 33825

Project Name and Address
 SPRING RUN ESTATES
 PROJECT FT. WHITE, FL
 RANDAL L & MARY E GEIGER
 863 SW HENDERSON TERR.
 FT. WHITE, FL 32038

| | |
|---------------------|--------------|
| Project Lot # 20 | Sheet T-1 |
| Date 04/15/2008 | |
| Scale | |



LEGAL DESCRIPTION

COMM. SW. CORNER OF SE 1/4 OF NE 1/4,
 RUN W. 2316.94 FT. FOR POB., CONT
 N. ALONG R/W 401.99 FT., NE ALONG
 CURVE 38.69 FT., E. 293.07 FT.,
 S. 584.99 FT., W. 401.19 FT. TO POB.

LOT 20 SPRING RUN, SECTION 16,
 TOWNSHIP 6 SOUTH, RANGE 16 EAST
 COLUMBIA COUNTY, FL, USA

PARCEL ID# 16-6S-16-03832-220

ZONING

AGRICULTURAL III

LOCATION MAP



SITE PLAN

General Notes

- ① UNDERGROUND ELECTRICAL SUPPLY
- ② 3" PVC SLEEVES (TYP.)
- ③ 6" PVC STORMWATER TO RETENTION AREA
- ④ 3" PVC FLOOR DRAINS INTO DRY WELL
- ⑤ DOMESTIC WATER WELL W/1 HP PUMP 30 GAL PRES. TANK W/CYCLE STOP VALVE
- ⑥ SEPTIC TANK AND DRAINFIELD

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

Firm Name and Address

RANDAL L & MARY E GEISER
 2095 N. BERKLEY RD.
 AVON PARK, FL 33825

Project Name and Address

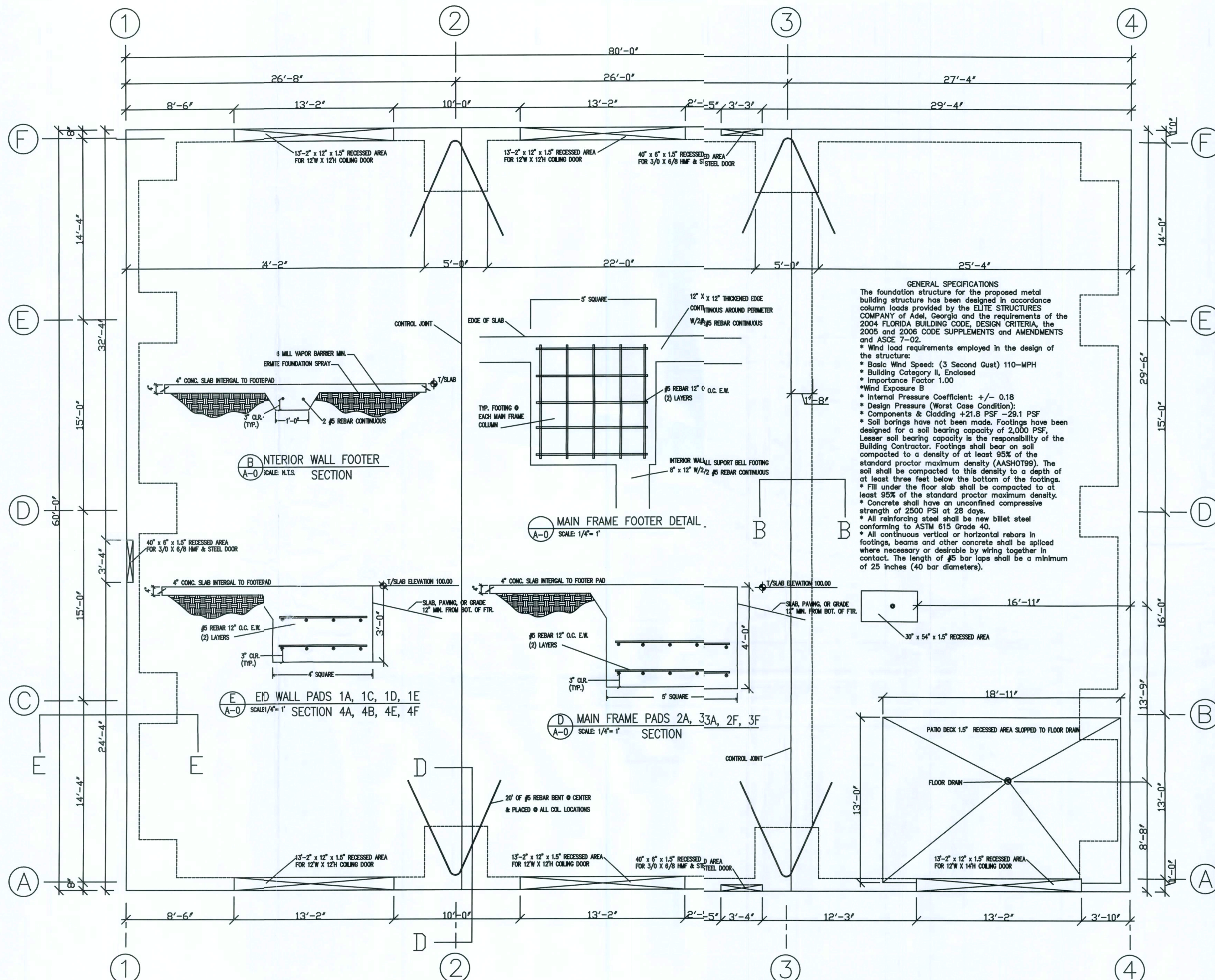
SPRING RUN ESTATES
 PROJECT FT. WHITE, FL
 RANDAL L & MARY E GEISER
 863 SW HENDERSON TERR.
 FT. WHITE, FL 32038

| | |
|------------|----------|
| Project | Sheet |
| Lot # 20 | C-1 |
| Date | |
| 04/15/2008 | |
| Scale | 1" = 20' |

General Notes

MIN. 4" THICK CONCRETE SLAB
 OVER 6 MIL VAPOR BARRIER
 TERMITE PRETREATMENT DEMON
 OR EQUIVALANT
 MIN. #5 REBAR SHALL BE USED
 THROUGHOUT
 MIN. 3" CONCRETE COVERAGE
 OVER REBAR BELOW GRADE

GENERAL SPECIFICATIONS
 The foundation structure for the proposed metal building structure has been designed in accordance with column loads provided by the ELITE STRUCTURES COMPANY of Adel, Georgia and the requirements of the 2004 FLORIDA BUILDING CODE, DESIGN CRITERIA, the 2005 and 2006 CODE SUPPLEMENTS and AMENDMENTS and ASCE 7-02.
 * Wind load requirements employed in the design of the structure:
 • Basic Wind Speed: (3 Second Gust) 110-MPH
 • Building Category II, Enclosed
 • Importance Factor 1.00
 * Wind Exposure B
 • Internal Pressure Coefficient: +/- 0.18
 • Design Pressure (Worst Case Condition):
 • Components & Cladding +21.8 PSF -29.1 PSF
 • Soil borings have not been made. Footings have been designed for a soil bearing capacity of 2,000 PSF. Lesser soil bearing capacity is the responsibility of the Building Contractor. Footings shall bear on soil compacted to a density of at least 95% of the standard proctor maximum density (AASHTO99). The soil shall be compacted to this density to a depth of at least three feet below the bottom of the footings.
 * Fill under the floor slab shall be compacted to at least 95% of the standard proctor maximum density.
 • Concrete shall have an unconfined compressive strength of 2500 PSI at 28 days.
 * All reinforcing steel shall be new billet steel conforming to ASTM 615 Grade 40.
 * All continuous vertical or horizontal rebars in footings, beams and other concrete shall be spliced where necessary or desirable by wiring together in contact. The length of #5 bar laps shall be a minimum of 25 inches (40 bar diameters).



FOUNDATION PLAN

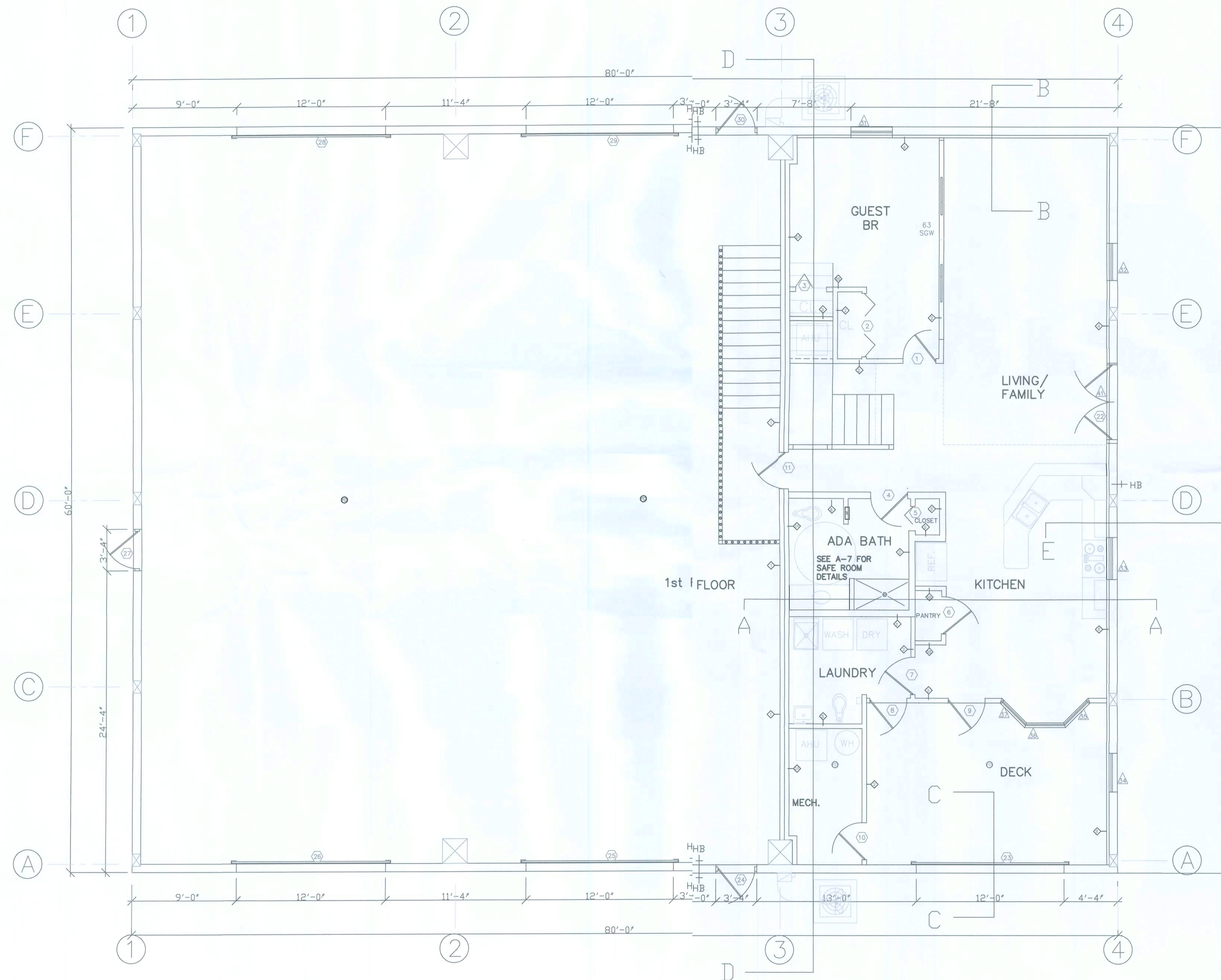
W. Stuhke
 4/15/08

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

Firm Name and Address
 William F. Stuhke, PH.D., P.E.
 State of Florida
 Professional Engineer #22150
 12215 Rebecca's Run Dr.
 Winter Garden, FL 34787
 (407) 654-8733

Project Name and Address
 SPRING RUN ESTATES
 PROJECT FT. WHITE, FL
 RANDAL L & MARY E GEIGER
 863 SW HENDERSON TERR.
 FT. WHITE, FL 32038

| | | |
|---------|------------|-------|
| Project | Lot # 20 | Sheet |
| Date | 04/15/2008 | A-0 |
| Scale | 1/4" = 1' | |



1st FLOOR PLAN

General Notes

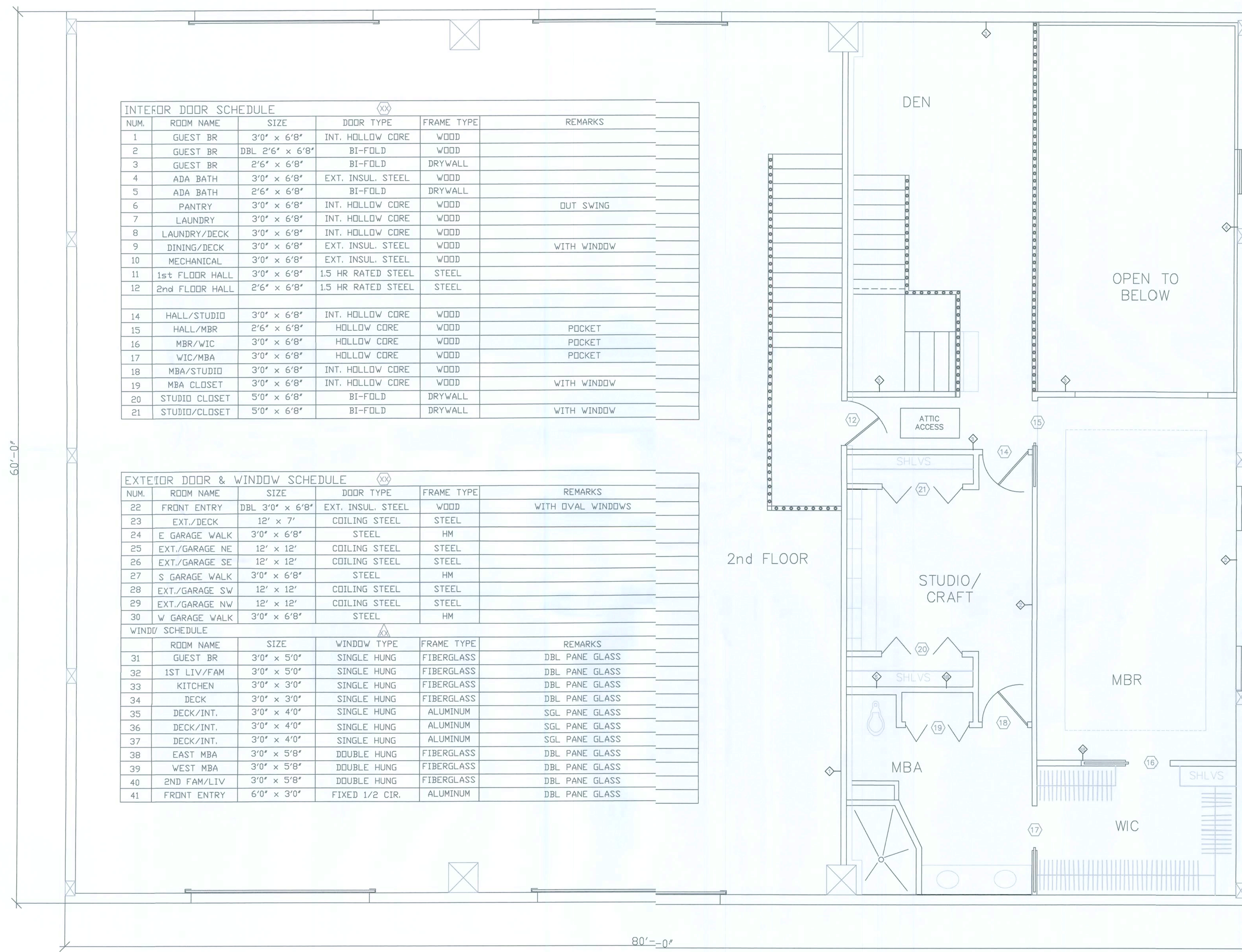
1ST FLOOR BATHROOM
HANDICAPPED ACCESSABLE
ALL DOORS 36" MIN. WIDTH

| No. | Revision/Issue | Date |
|-----|----------------|---------|
| 1 | Revision | 5/05/08 |

Firm Name and Address
 RANDAL L & MARY E GEIGER
 2095 N. BERKLEY RD.
 AVON PARK, FL 33825

Project Name and Address
 SPRING RUN ESTATES
 PROJECT FT. WHITE, FL
 RANDAL L & MARY E GEIGER
 863 SW HENDERSON TERR.
 FT. WHITE, FL 32038

| | |
|---------------------|--------------|
| Project Lot # 20 | Sheet A-1 |
| Date 04/15/2008 | |
| Scale 1/4" = 1' | |



INTERIOR DOOR SCHEDULE

| NUM. | ROOM NAME | SIZE | DOOR TYPE | FRAME TYPE | REMARKS |
|------|----------------|-----------------|--------------------|------------|-------------|
| 1 | GUEST BR | 3'0" x 6'8" | INT. HOLLOW CORE | WOOD | |
| 2 | GUEST BR | DBL 2'6" x 6'8" | BI-FOLD | WOOD | |
| 3 | GUEST BR | 2'6" x 6'8" | BI-FOLD | DRYWALL | |
| 4 | ADA BATH | 3'0" x 6'8" | EXT. INSUL. STEEL | WOOD | |
| 5 | ADA BATH | 2'6" x 6'8" | BI-FOLD | DRYWALL | |
| 6 | PANTRY | 3'0" x 6'8" | INT. HOLLOW CORE | WOOD | OUT SWING |
| 7 | LAUNDRY | 3'0" x 6'8" | INT. HOLLOW CORE | WOOD | |
| 8 | LAUNDRY/DECK | 3'0" x 6'8" | INT. HOLLOW CORE | WOOD | |
| 9 | DINING/DECK | 3'0" x 6'8" | EXT. INSUL. STEEL | WOOD | WITH WINDOW |
| 10 | MECHANICAL | 3'0" x 6'8" | EXT. INSUL. STEEL | WOOD | |
| 11 | 1st FLOOR HALL | 3'0" x 6'8" | 1.5 HR RATED STEEL | STEEL | |
| 12 | 2nd FLOOR HALL | 2'6" x 6'8" | 1.5 HR RATED STEEL | STEEL | |
| 14 | HALL/STUDIO | 3'0" x 6'8" | INT. HOLLOW CORE | WOOD | |
| 15 | HALL/MBR | 2'6" x 6'8" | HOLLOW CORE | WOOD | POCKET |
| 16 | MBR/WIC | 3'0" x 6'8" | HOLLOW CORE | WOOD | POCKET |
| 17 | WIC/MBR | 3'0" x 6'8" | HOLLOW CORE | WOOD | POCKET |
| 18 | MBA/STUDIO | 3'0" x 6'8" | INT. HOLLOW CORE | WOOD | |
| 19 | MBA CLOSET | 3'0" x 6'8" | INT. HOLLOW CORE | WOOD | WITH WINDOW |
| 20 | STUDIO CLOSET | 5'0" x 6'8" | BI-FOLD | DRYWALL | |
| 21 | STUDIO/CLOSET | 5'0" x 6'8" | BI-FOLD | DRYWALL | WITH WINDOW |

EXTERIOR DOOR & WINDOW SCHEDULE

| NUM. | ROOM NAME | SIZE | DOOR TYPE | FRAME TYPE | REMARKS |
|------|----------------|-----------------|-------------------|------------|-------------------|
| 22 | FRONT ENTRY | DBL 3'0" x 6'8" | EXT. INSUL. STEEL | WOOD | WITH OVAL WINDOWS |
| 23 | EXT./DECK | 12' x 7' | COILING STEEL | STEEL | |
| 24 | E GARAGE WALK | 3'0" x 6'8" | STEEL | HM | |
| 25 | EXT./GARAGE NE | 12' x 12' | COILING STEEL | STEEL | |
| 26 | EXT./GARAGE SE | 12' x 12' | COILING STEEL | STEEL | |
| 27 | S GARAGE WALK | 3'0" x 6'8" | STEEL | HM | |
| 28 | EXT./GARAGE SW | 12' x 12' | COILING STEEL | STEEL | |
| 29 | EXT./GARAGE NW | 12' x 12' | COILING STEEL | STEEL | |
| 30 | W GARAGE WALK | 3'0" x 6'8" | STEEL | HM | |

WINDOW SCHEDULE

| ROOM NAME | SIZE | WINDOW TYPE | FRAME TYPE | REMARKS | |
|-----------|-------------|-------------|----------------|------------|----------------|
| 31 | GUEST BR | 3'0" x 5'0" | SINGLE HUNG | FIBERGLASS | DBL PANE GLASS |
| 32 | 1ST LIV/FAM | 3'0" x 5'0" | SINGLE HUNG | FIBERGLASS | DBL PANE GLASS |
| 33 | KITCHEN | 3'0" x 3'0" | SINGLE HUNG | FIBERGLASS | DBL PANE GLASS |
| 34 | DECK | 3'0" x 3'0" | SINGLE HUNG | FIBERGLASS | DBL PANE GLASS |
| 35 | DECK/INT. | 3'0" x 4'0" | SINGLE HUNG | ALUMINUM | SGL PANE GLASS |
| 36 | DECK/INT. | 3'0" x 4'0" | SINGLE HUNG | ALUMINUM | SGL PANE GLASS |
| 37 | DECK/INT. | 3'0" x 4'0" | SINGLE HUNG | ALUMINUM | SGL PANE GLASS |
| 38 | EAST MBA | 3'0" x 5'8" | DOUBLE HUNG | FIBERGLASS | DBL PANE GLASS |
| 39 | WEST MBA | 3'0" x 5'8" | DOUBLE HUNG | FIBERGLASS | DBL PANE GLASS |
| 40 | 2ND FAM/LIV | 3'0" x 5'8" | DOUBLE HUNG | FIBERGLASS | DBL PANE GLASS |
| 41 | FRONT ENTRY | 6'0" x 3'0" | FIXED 1/2 CIR. | ALUMINUM | DBL PANE GLASS |

2ND FLOOR PLAN

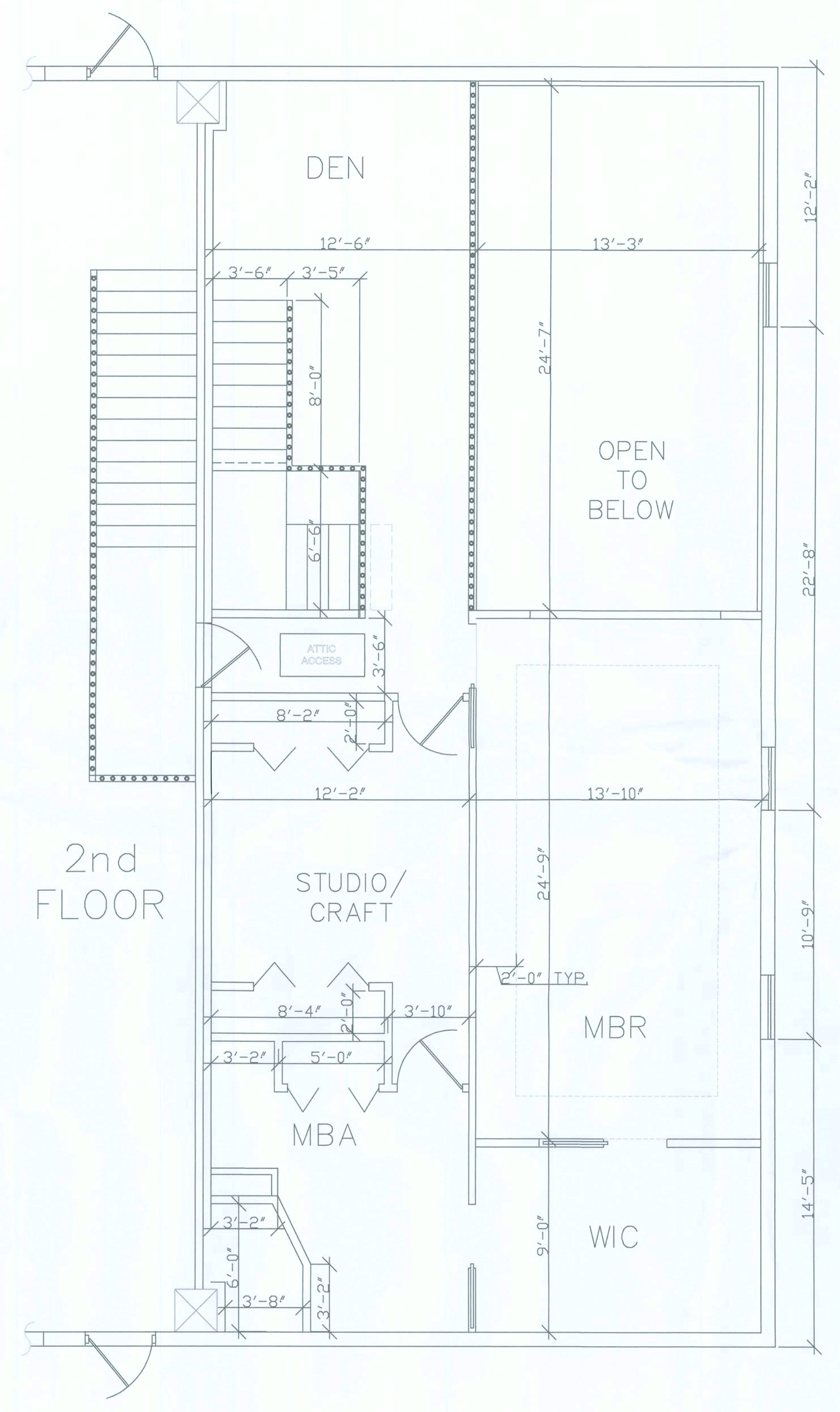
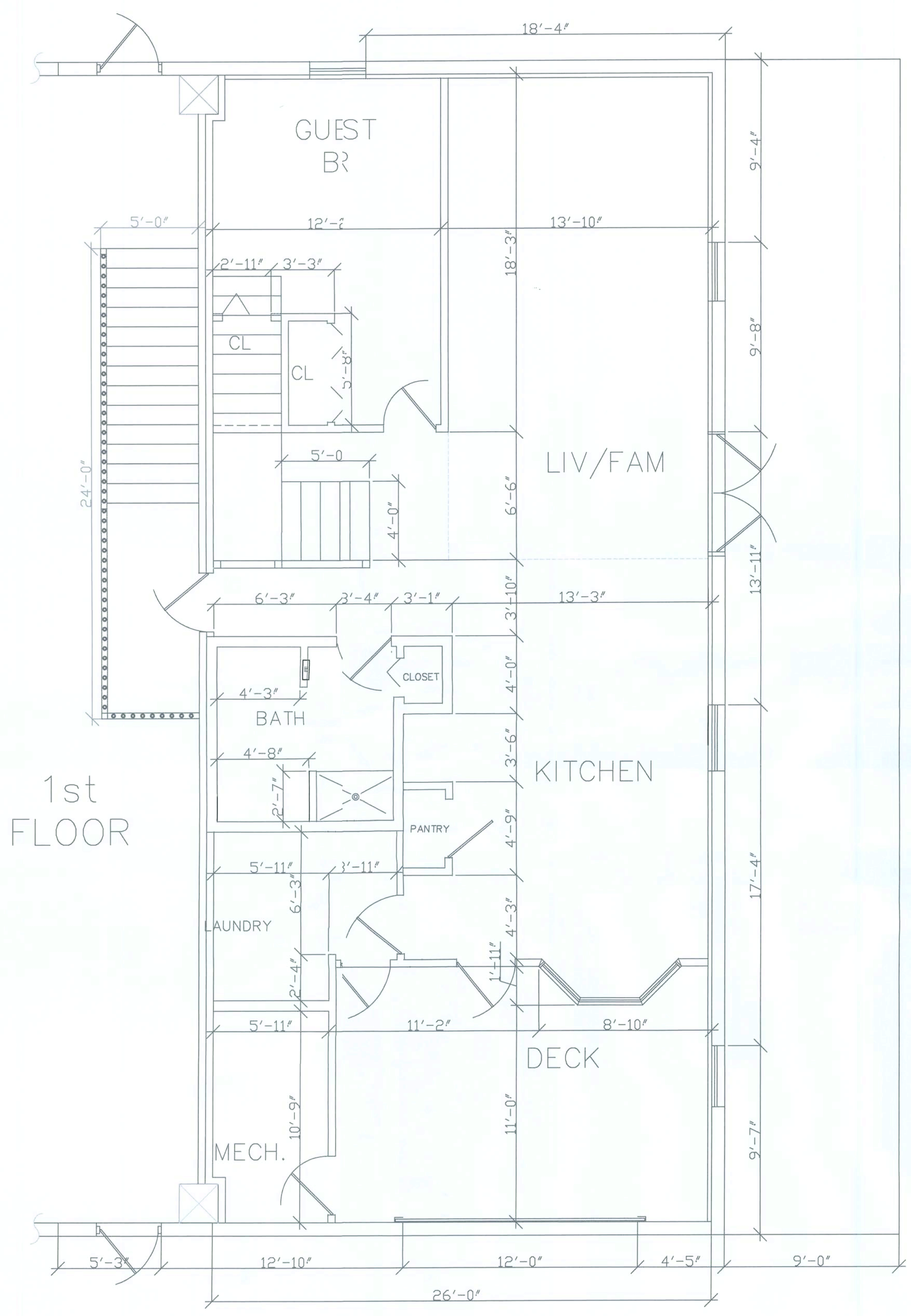
General Notes

| No. | Revision/Issue | Date |
|-----|----------------|---------|
| 1 | Revision | 5/05/08 |

Firm Name and Address
 RANDAL L & MARY E GEIGER
 2095 N. BERKLEY RD.
 AVON PARK, FL 33825

Project Name and Address
 SPRING RUN ESTATES
 PROJECT FT. WHITE, FL
 RANDAL L & MARY E GEIGER
 863 SW HENDERSON TERR.
 FT. WHITE, FL 32038

| Project | Sheet |
|------------|-------|
| Lot # 20 | A-2 |
| Date | |
| 04/15/2008 | |
| Scale | |
| 1/4" = 1' | |



DIMENSION PLAN

General Notes

| No. | Revision/Issue | Date |
|-----|----------------|---------|
| 1 | Revision | 5/05/08 |

Firm Name and Address

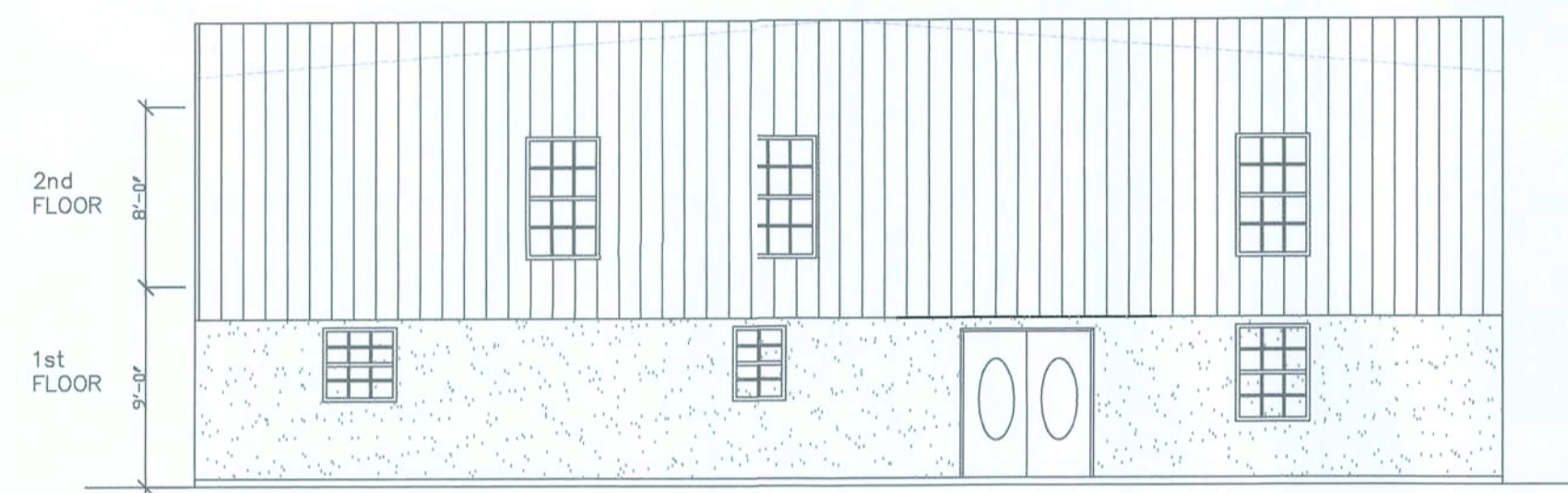
RANDAL L & MARY E GEIGER
2095 N. BERKLEY RD.
AVON PARK, FL 33825

Project Name and Address

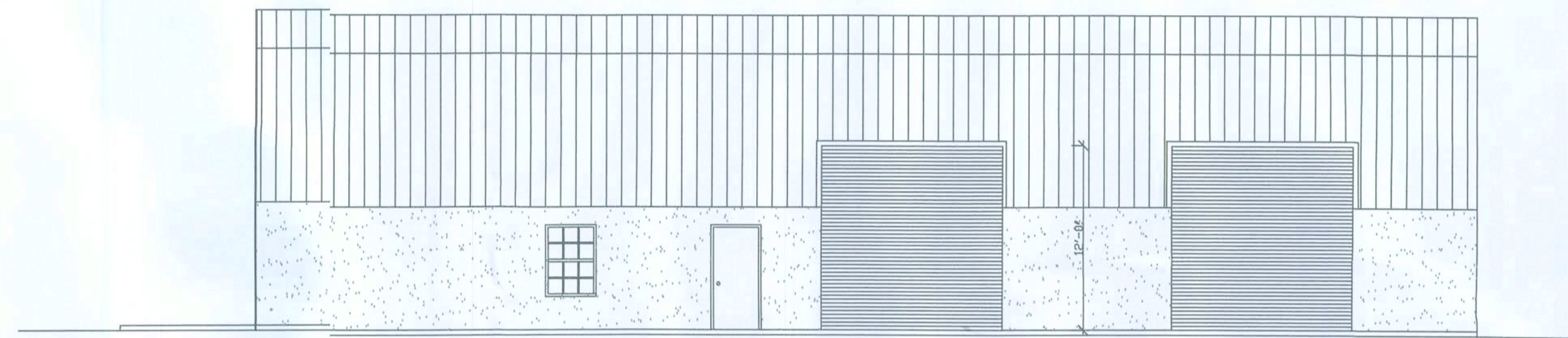
SPRING RUN ESTATES
PROJECT FT. WHITE, FL

RANDAL L & MARY E GEIGER
863 SW HENDERSON TERR.
FT. WHITE, FL 32038

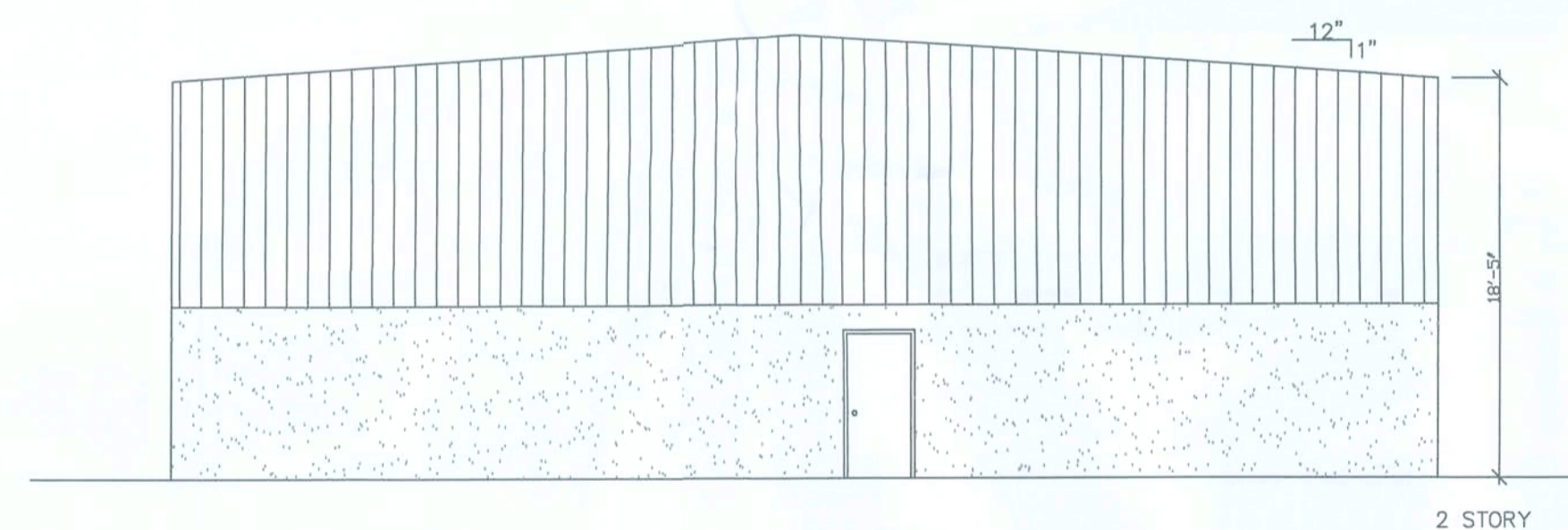
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|---------|------------|-------|
| Project | Lot # 20 | Sheet |
| Date | 04/15/2008 | A-3 |
| Scale | 1/4" = 1' | |



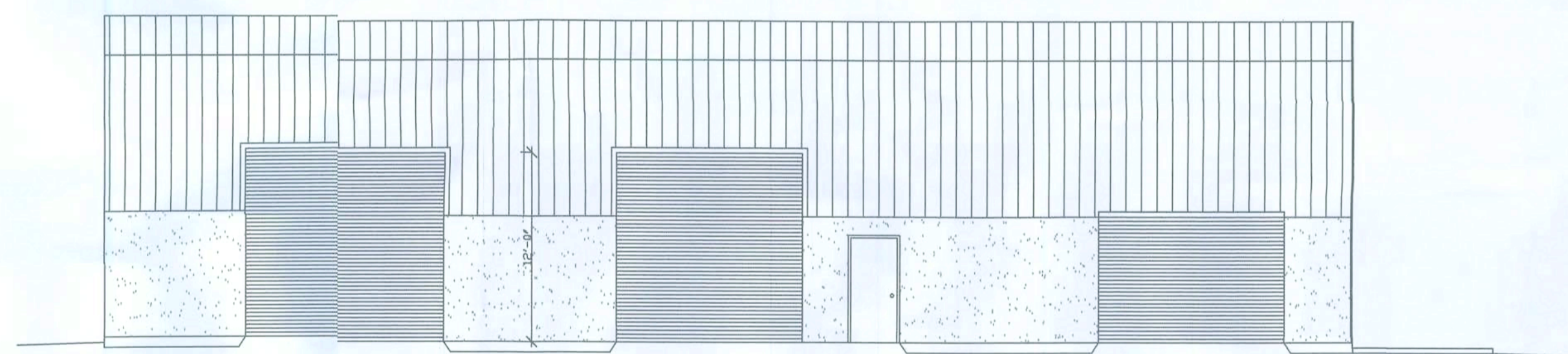
Front Elevation



Right Side Elevation



Rear Elevation



Left Side Elevation

ELEVATION PLAN

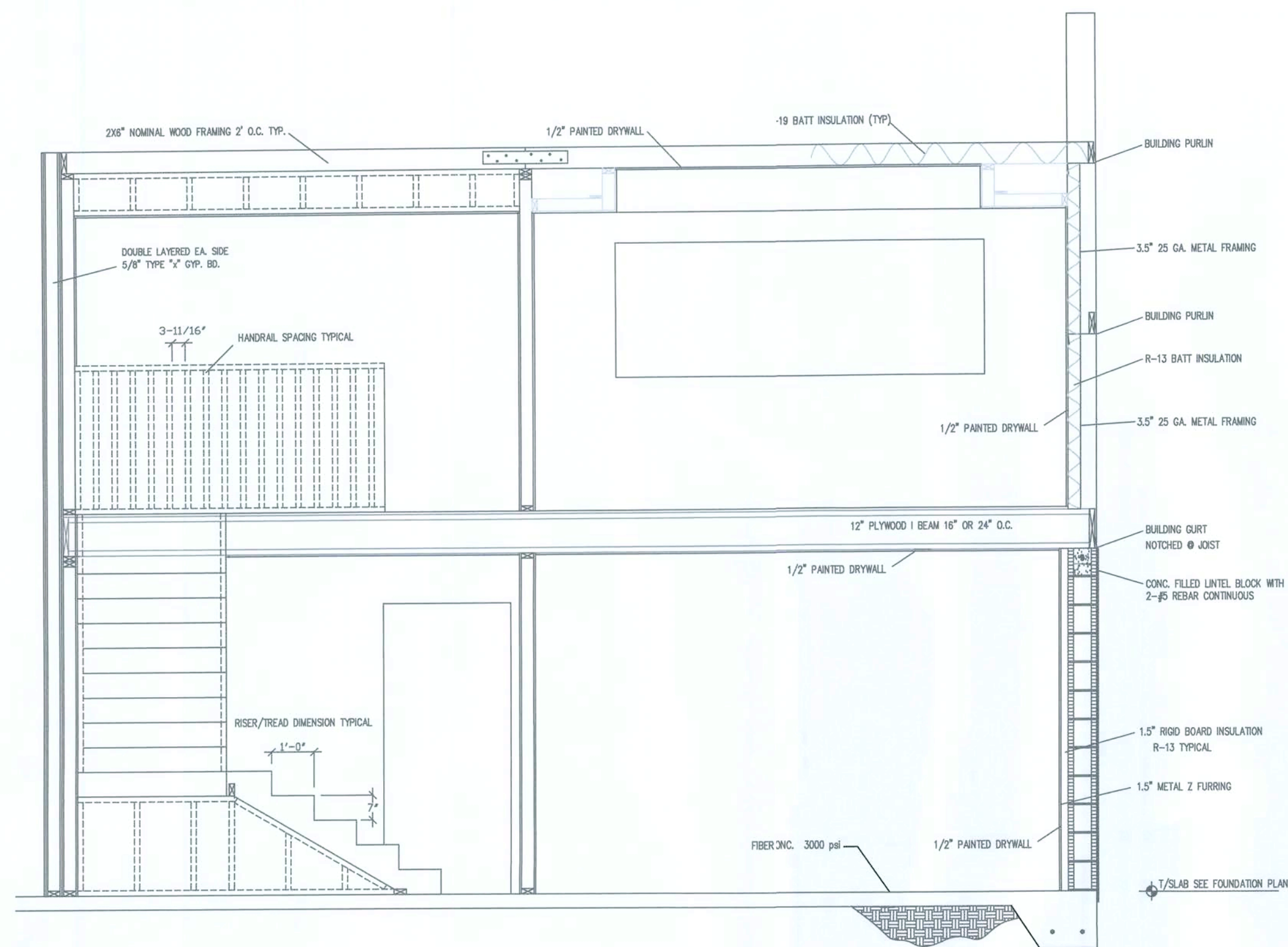
General Notes

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

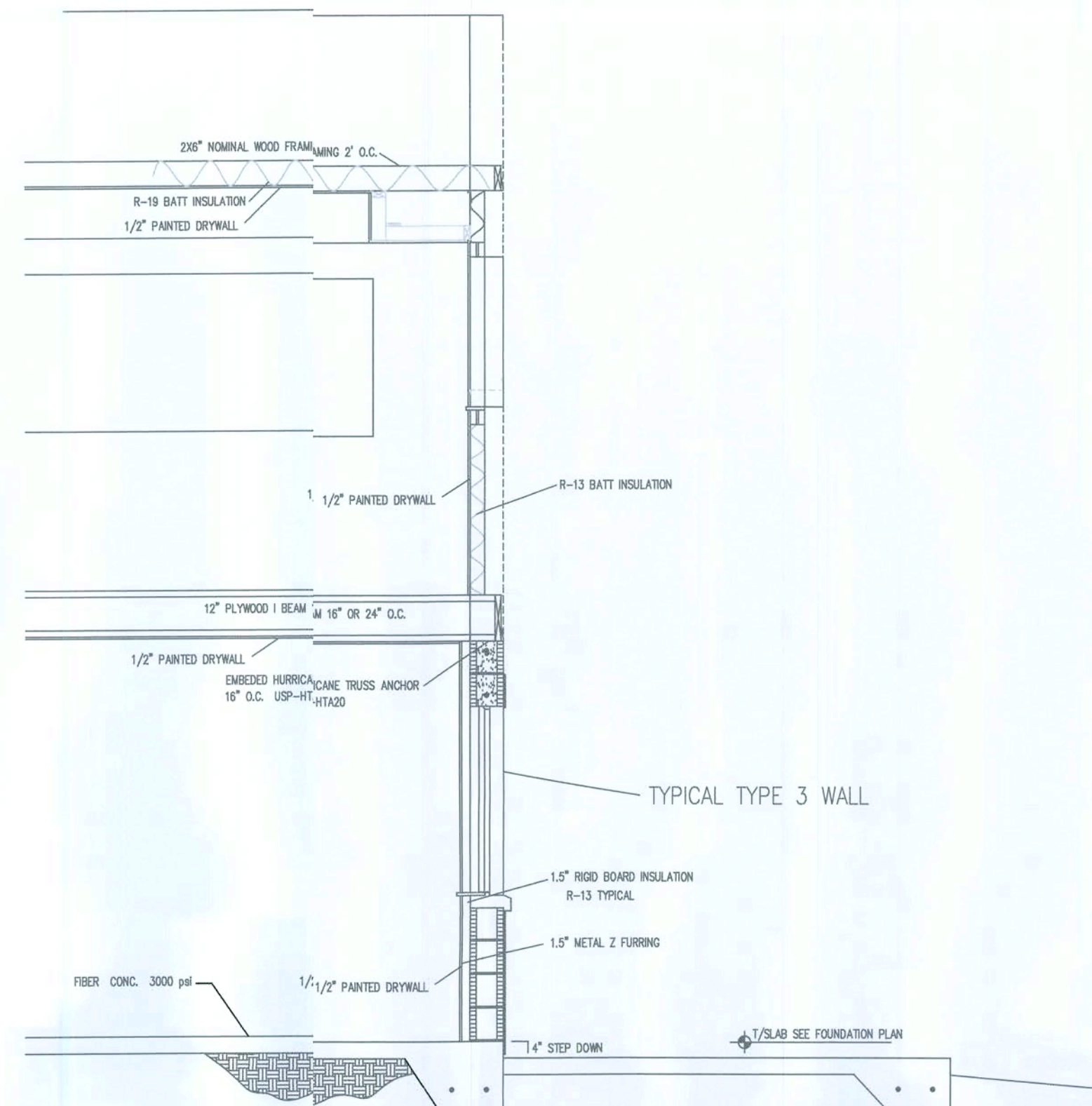
Firm Name and Address
 RANDAL L. & MARY E. GEIGER
 2095 N. BERKLEY RD.
 AVDON PARK, FL 33825

Project Name and Address
 SPRING RUN ESTATES
 PROJECT FT. WHITE, FL
 RANDAL L. & MARY E. GEIGER
 863 SW HENDERSON TERR.
 FT. WHITE, FL 32038

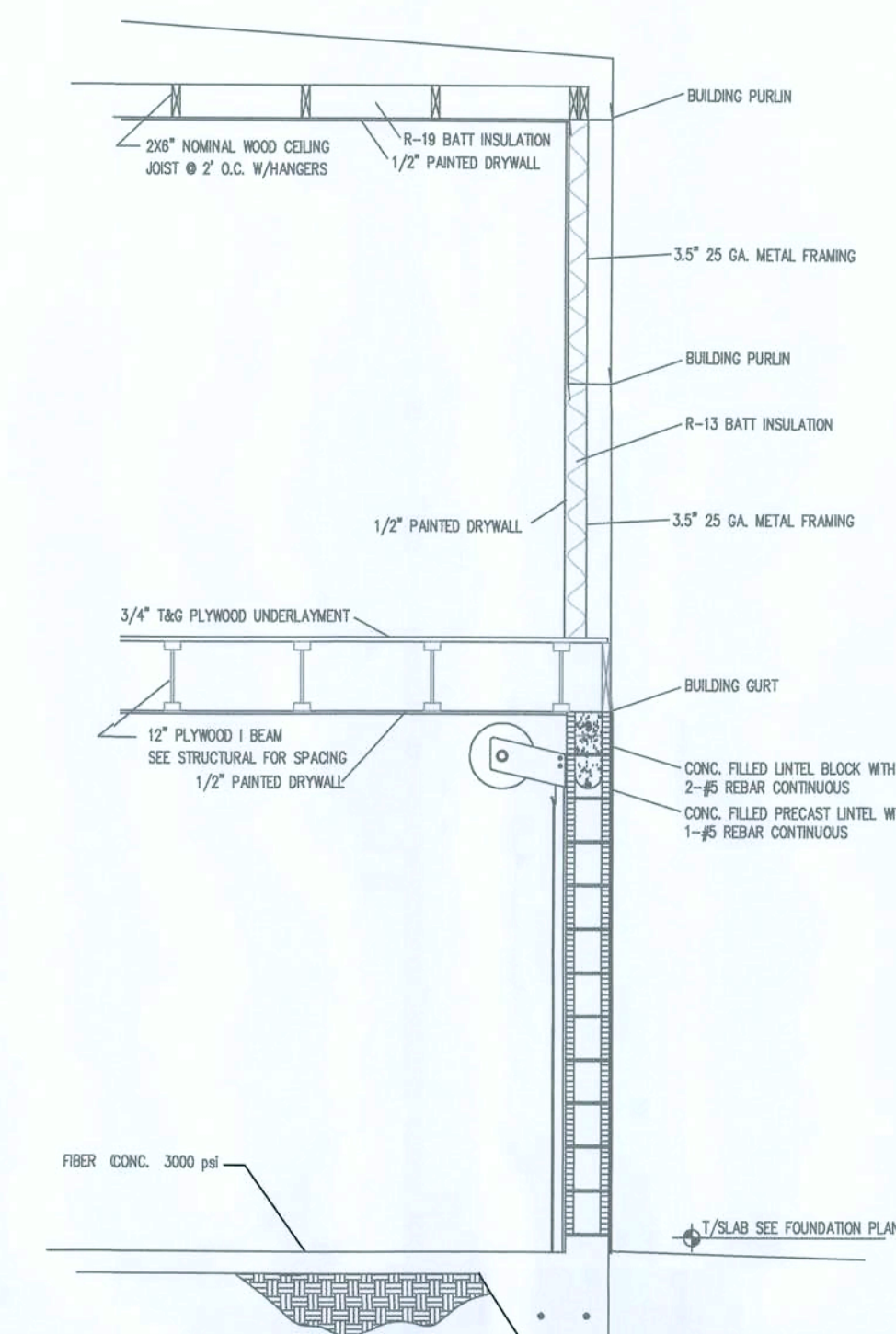
| | | |
|---------|------------|-------|
| Project | Lot # 20 | Sheet |
| Date | 04/15/2008 | A-4 |
| Scale | 1/8" = 1' | |



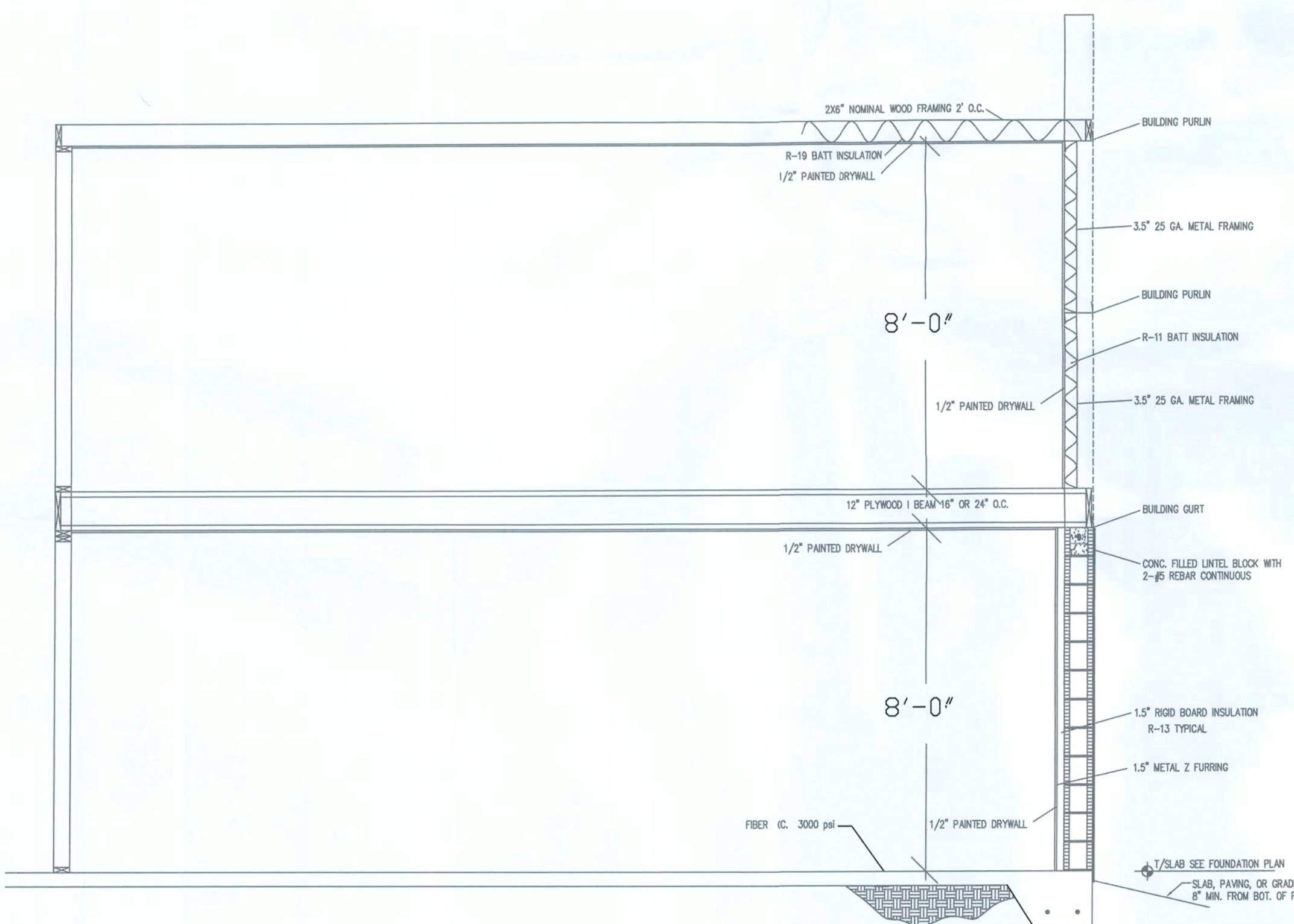
A SECTION VIEW A
A1 SCALE: 1/2" = 1'



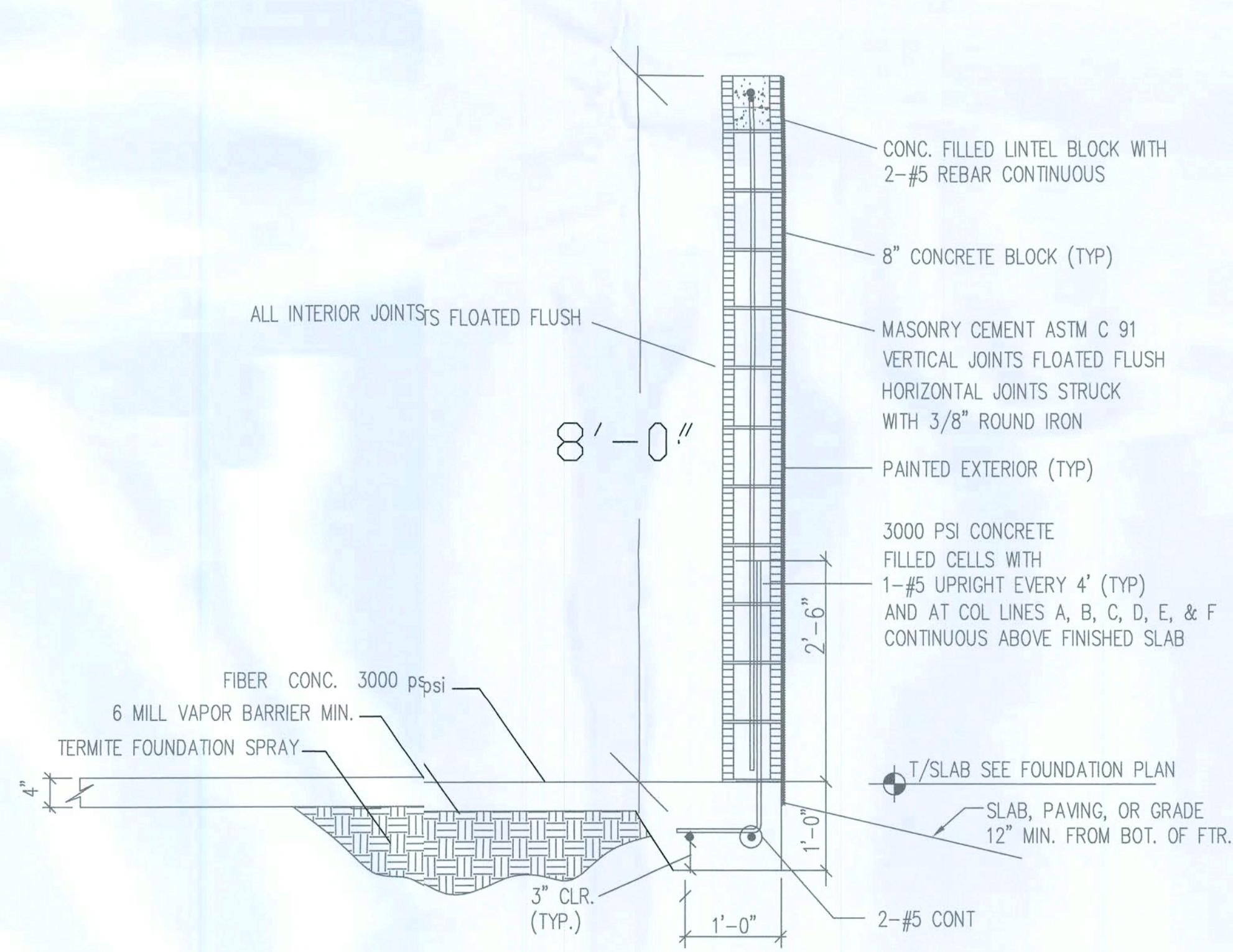
E SECTION VIEW E
A1 SCALE: 1, 1/2" = 1'



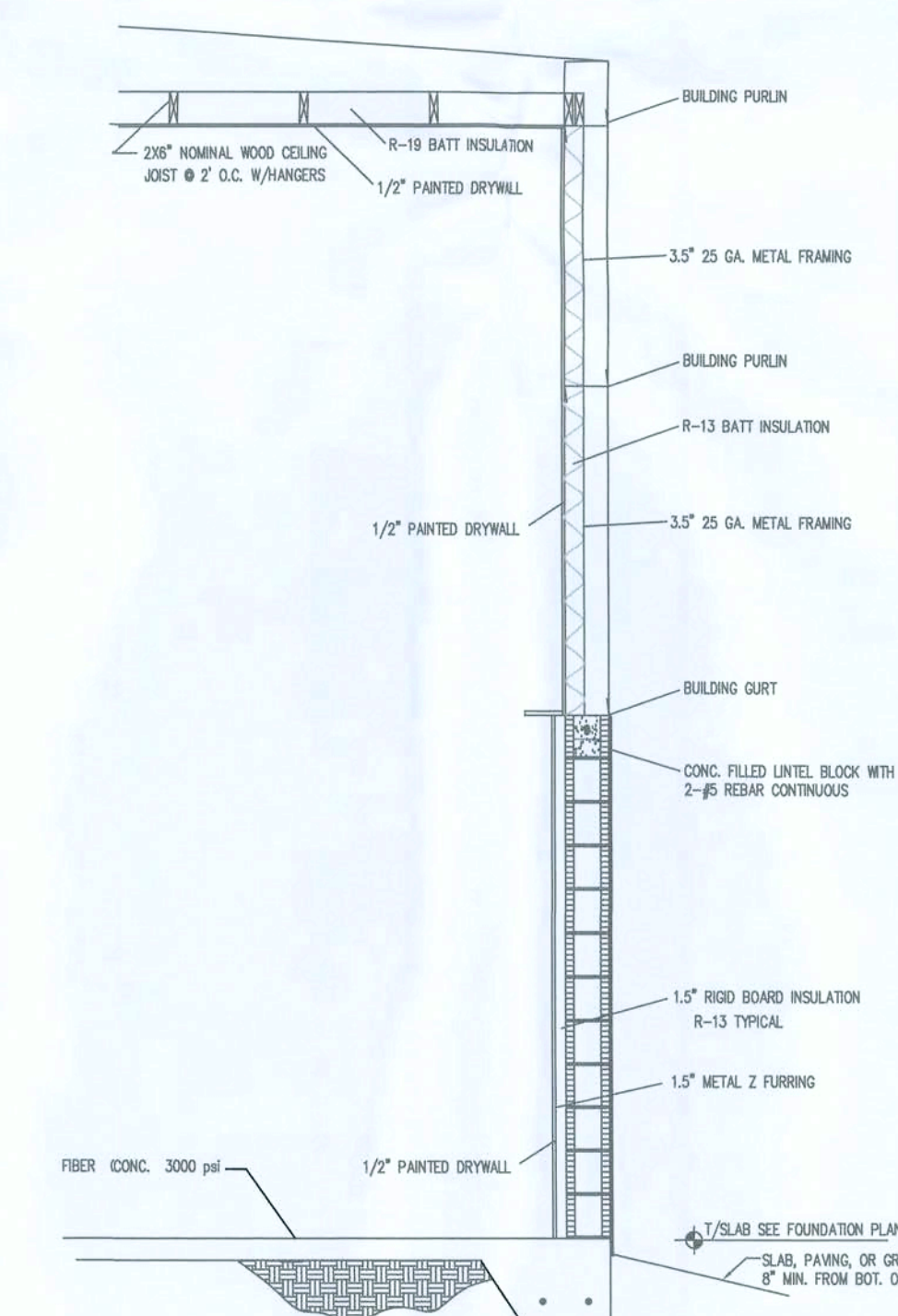
C SECTION VIEW C
A1 SCALE: 1/2" = 1'



TYPICAL WALL SECTION
SCALE: 1/2" = 1'



TYPICAL BLOCK WALL SECTION
SCALE: 1" = 1'



B SECTION VIEW B
A1 SCALE: 1/2"

SECTION VIEW

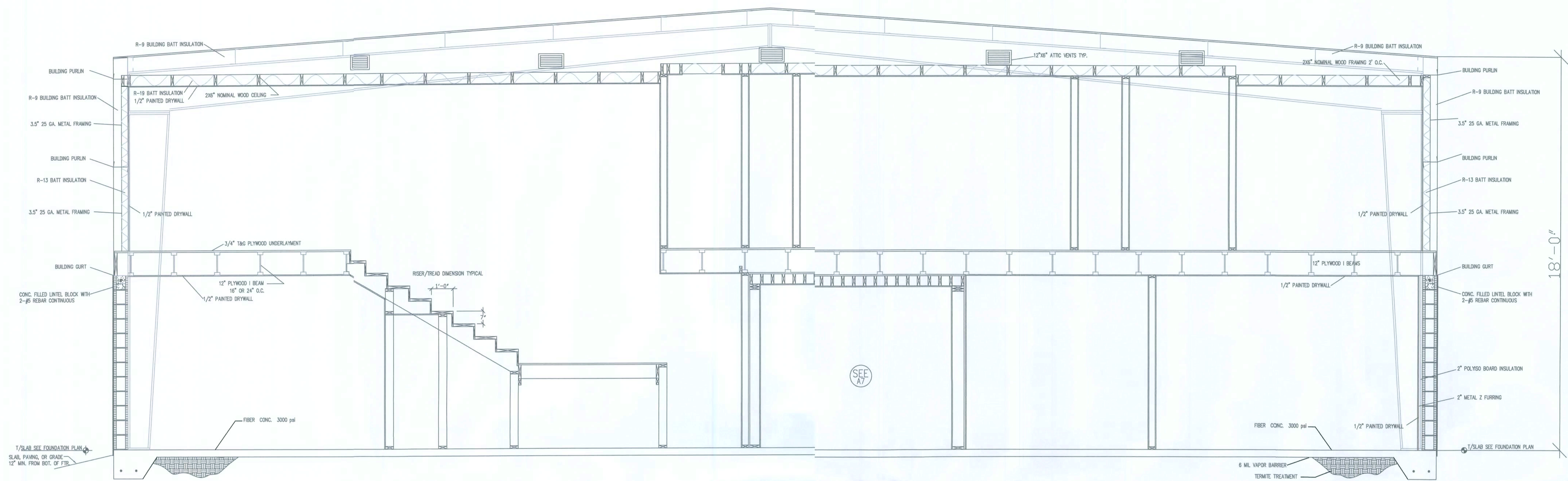
General Notes

| No. | Revision/Issue | Date |
|-----|----------------|---------|
| 1 | Revision | 5/05/08 |

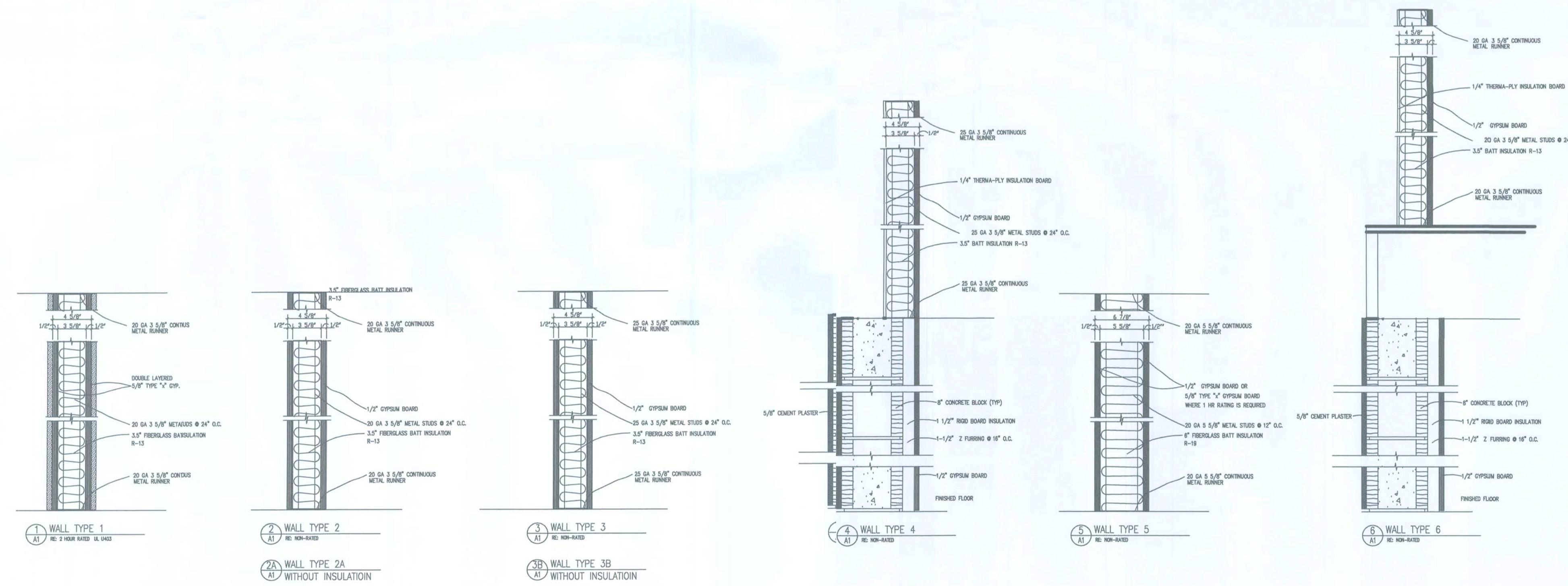
Firm Name and Address
 RANDAL L & MARY E GEIGER
 2095 N. BERKLEY RD.
 AVON PARK, FL 33825

Project Name and Address
 SPRING RUN ESTATES
 PROJECT FT. WHITE, FL
 RANDAL L & MARY E GEIGER
 863 SW HENDERSON TERR.
 FT. WHITE, FL 32038

| | |
|------------|-------|
| Project | Sheet |
| Lot # 20 | A-5 |
| Date | |
| 04/15/2008 | |
| Scale | NTS |



D SECTION VIEW D
A1 SCALE



WALL TYPES

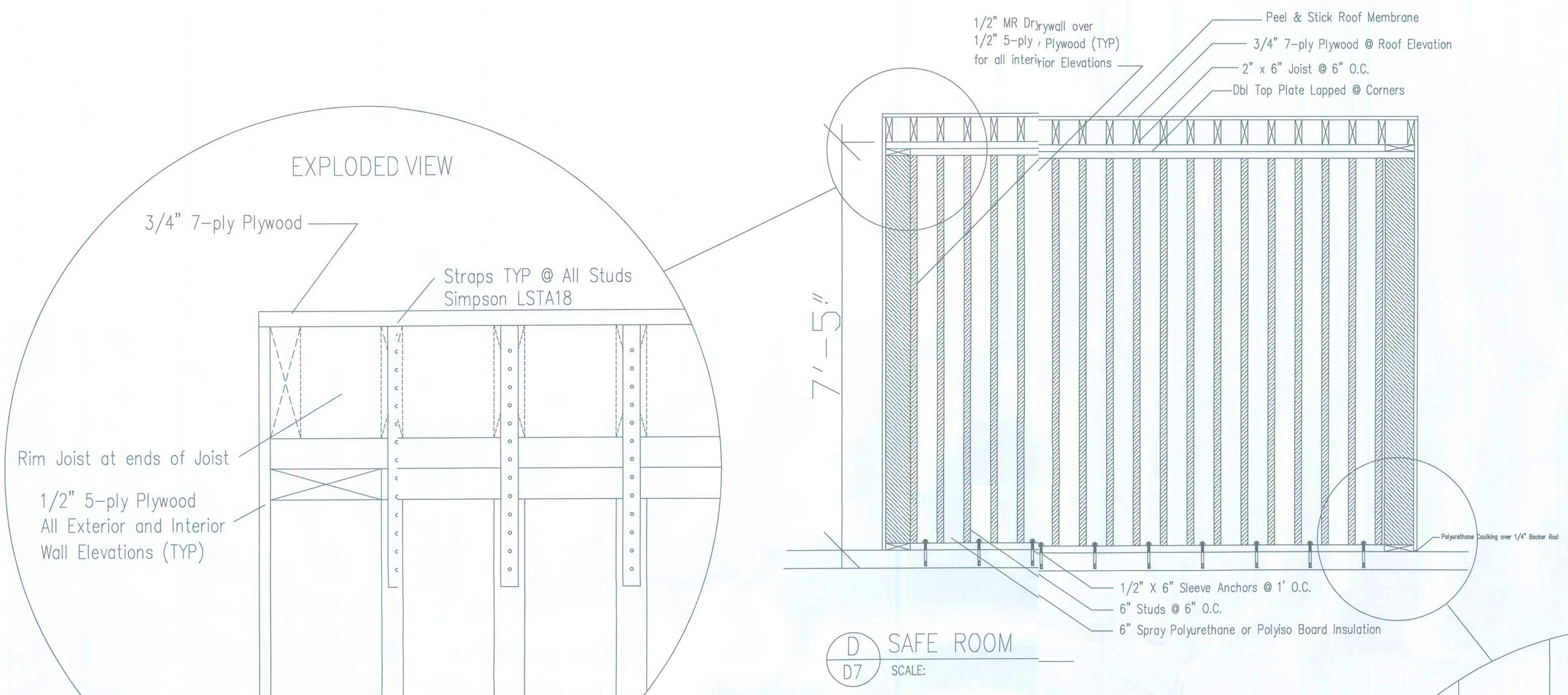
General Notes

| No. | Revision/Issue | Date |
|-----|----------------|---------|
| 1 | Revision | 5/05/08 |

Firm Name and Address
 RANDAL L & MARY E GEIGER
 2095 N. BERKLEY RD.
 AVON PARK, FL 33825

Project Name and Address
 SPRING RUN ESTATES
 PROJECT FT. WHITE, FL
 RANDAL L & MARY E GEIGER
 863 SW HENDERSON TERR.
 FT. WHITE, FL 32038

| | |
|------------|-------|
| Project | Sheet |
| Lot # 20 | A-6 |
| Date | |
| 04/15/2008 | |
| Scale | NTS |



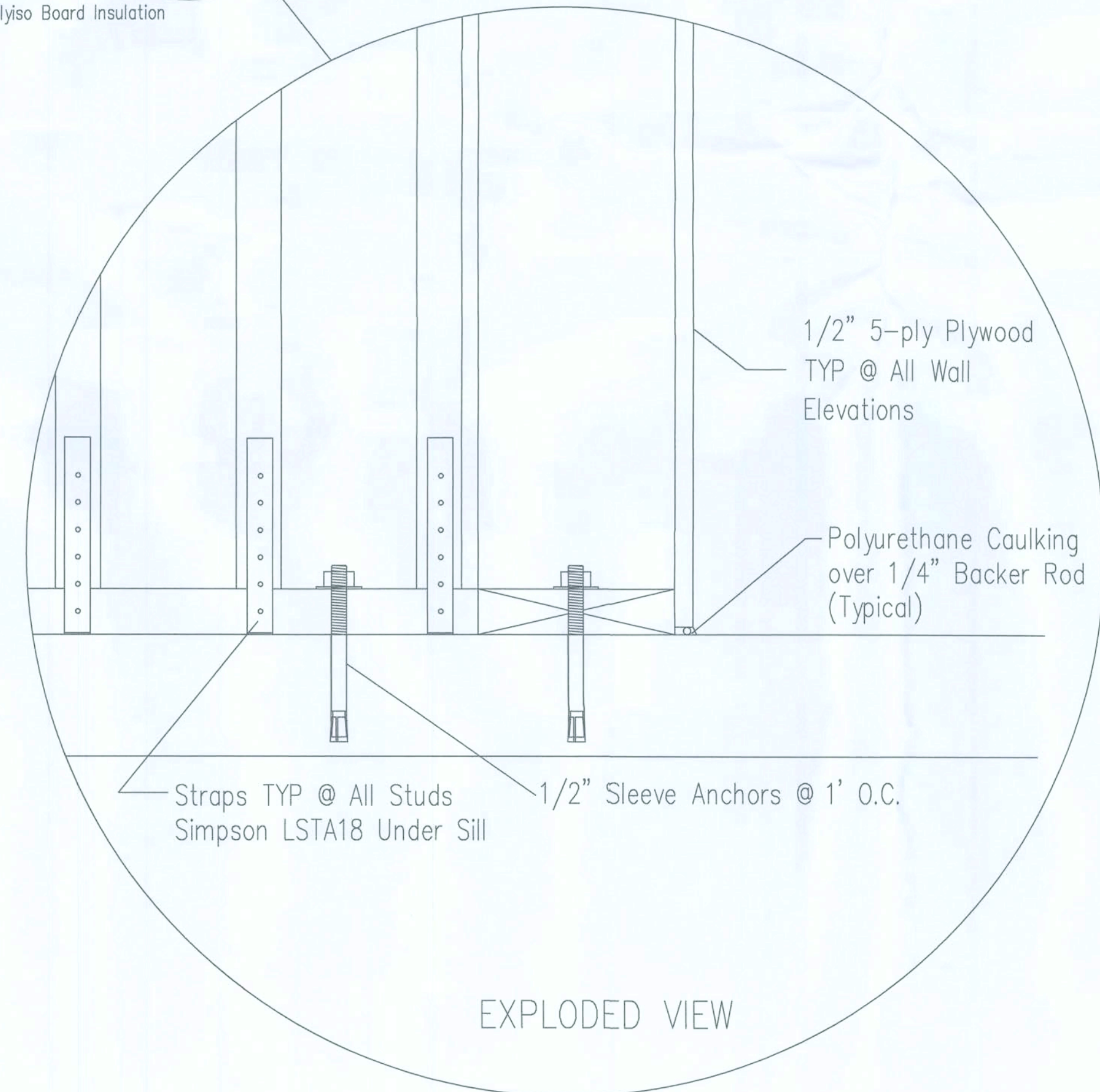
D SAFE ROOM
D7 SCALE:

Notes:

All Plywood Fastened with #8 X 1 3/4" Plated Deck Screws Placed 12" O.C. in The Field and 6" O.C. at All Joints or Seams All Joints or Seams Caulked w/Paintable Urethane Caulking

Sprayed on Urethane Foam Insulation Between Studs or 6" Thick Rigid Polyiso Board Placed Between Studs

20 GA Steel studs and track may be substituted for wood. Spacing will remain the same and studs will be fastened to track using 1 #6 screw each side top & bottom.



EXPLODED VIEW

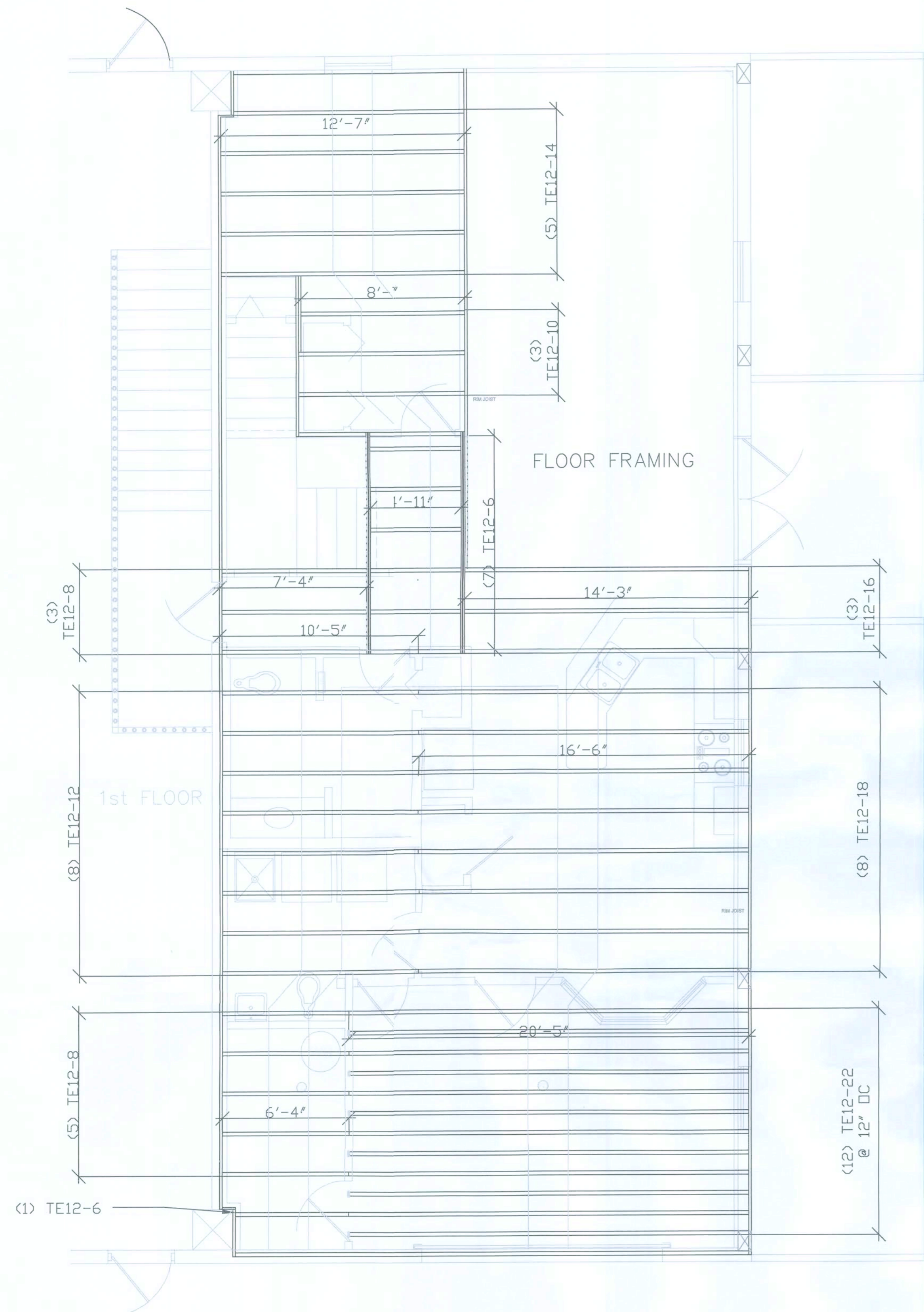
OPTIONAL SAFE ROOM./ADA BATH

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

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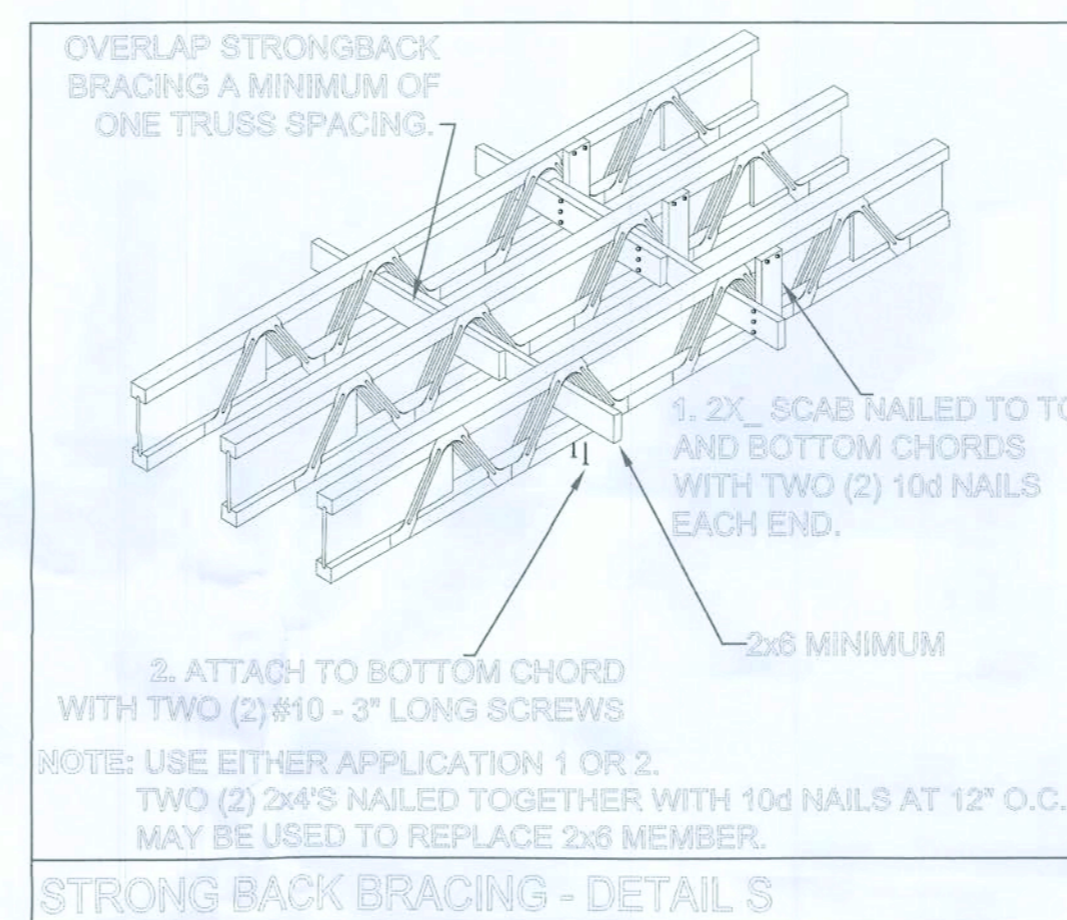
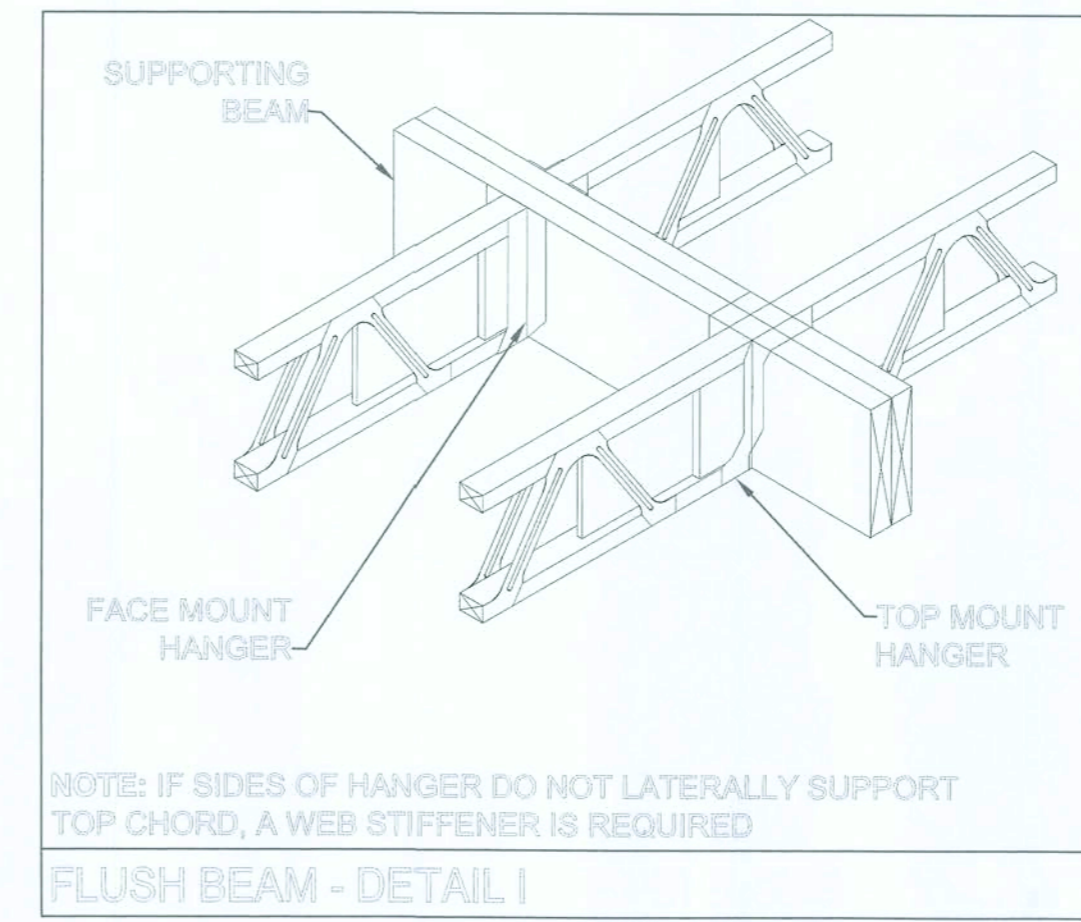
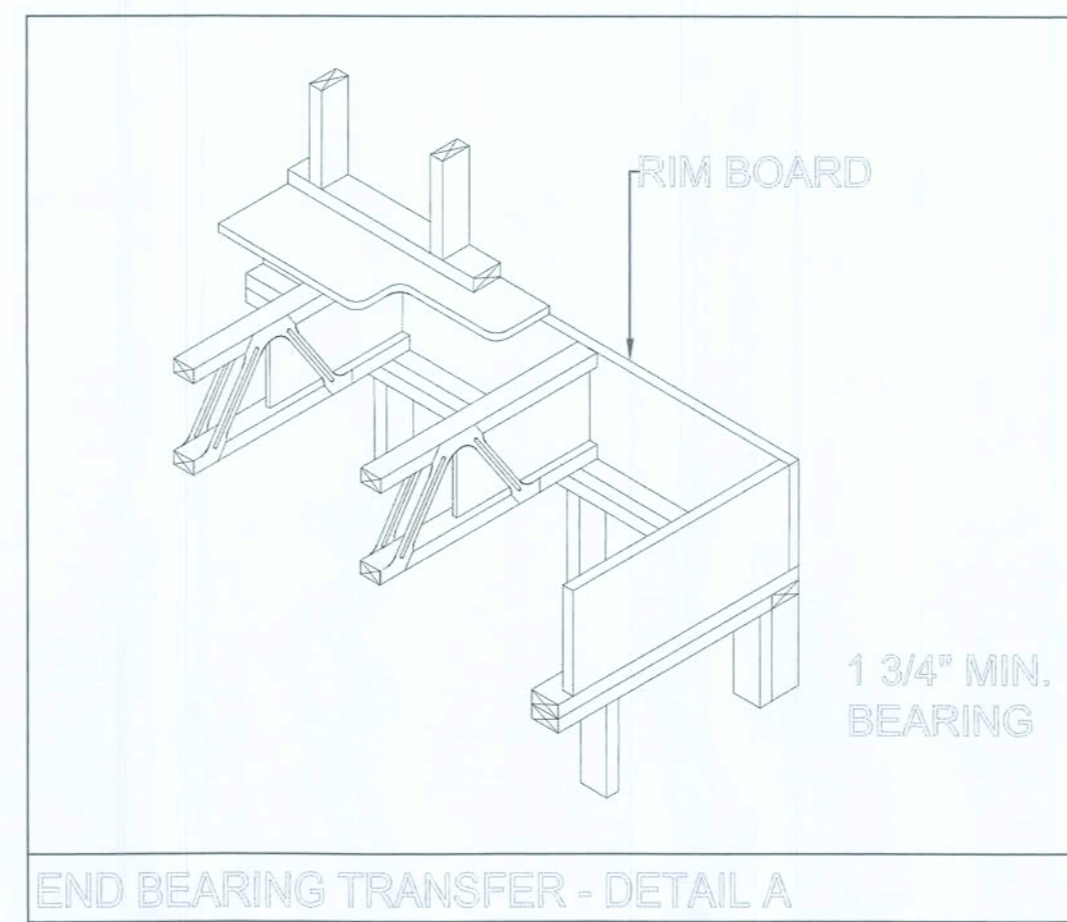
| | | |
|---------|------------|-------|
| Project | Lot # 20 | Sheet |
| Date | 04/15/2008 | A-7 |
| Scale | NTS | |



SPACEJOIST TE PLACEMENT PLAN

11 1/4" SJTE @ 24" OC UNLESS NOTED

FLOOR JOIST LAYOUT



| MATERIAL LIST | | |
|---------------|---------|--------|
| QTY | ITEM | SERIES |
| 12 | TE12-22 | 320 |
| 8 | TE12-18 | 320 |
| 3 | TE12-16 | 320 |
| 5 | TE12-14 | 320 |
| 8 | TE12-12 | 320 |
| 3 | TE12-10 | 320 |
| 8 | TE12-8 | 320 |
| 8 | TE12-6 | 320 |

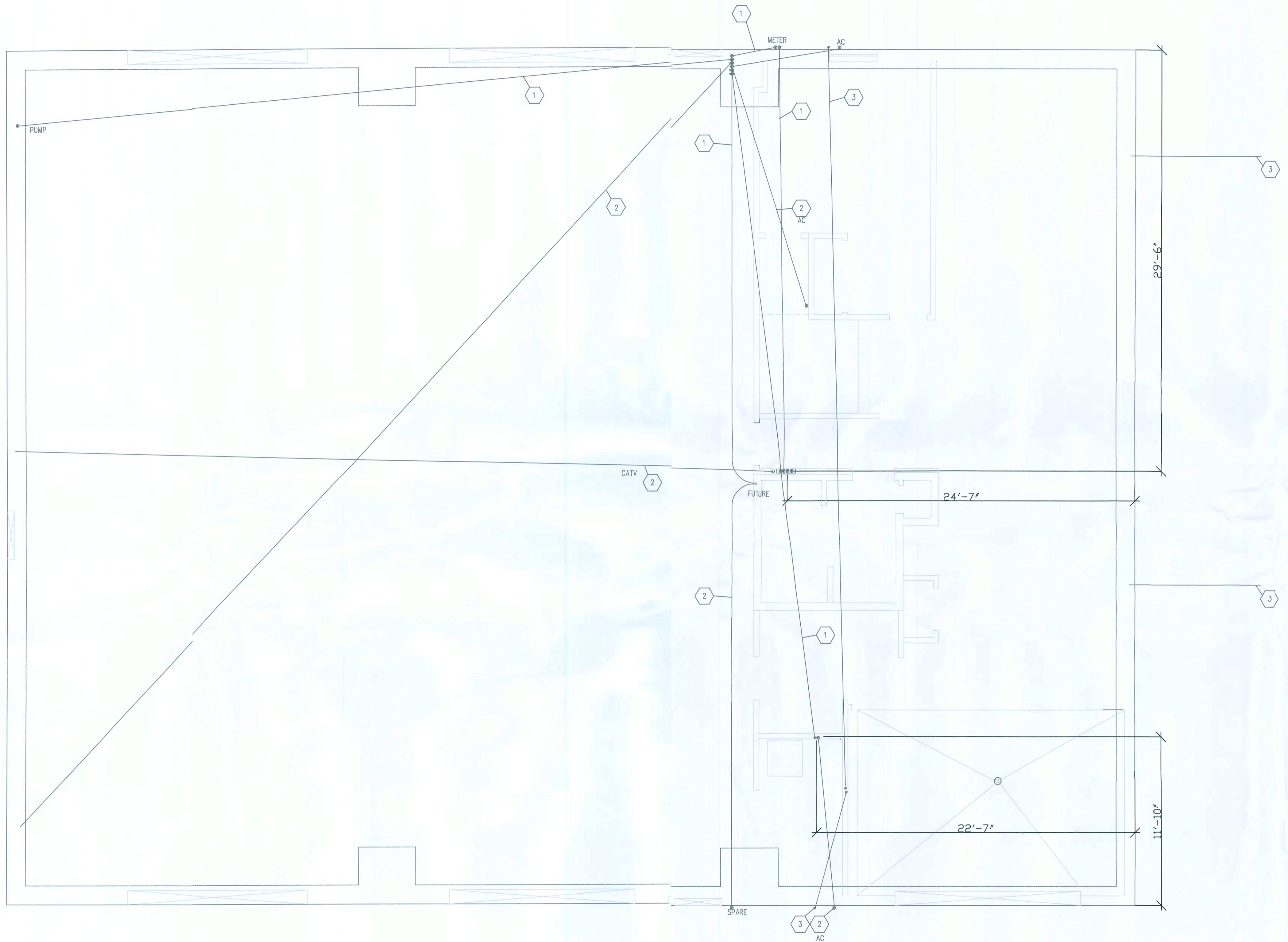
NOTE:
RIM BOARD, LVL BEAMS AND HANGERS BY OTHERS

| No. | Revision/Issue | Date |
|-----|----------------|---------|
| 1 | Revision | 5/05/08 |

Firm Name and Address
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 2095 N. BERKLEY RD.
 AVON PARK, FL 33825

Project Name and Address
 SPRING RUN ESTATES
 PROJECT FT. WHITE, FL
 RANDAL L & MARY E GEIGER
 863 SW HENDERSON TERR.
 FT. WHITE, FL 32038

| | |
|---------------------|--------------|
| Project Lot # 20 | Sheet S-1 |
| Date 04/15/2008 | |
| Scale 1/4" = 1' | |



ELECTRICAL UNDERSLAB

General Notes

- ① 2" CONDUIT
- ② 1 1/4" CONDUIT
- ③ 1" CONDUIT

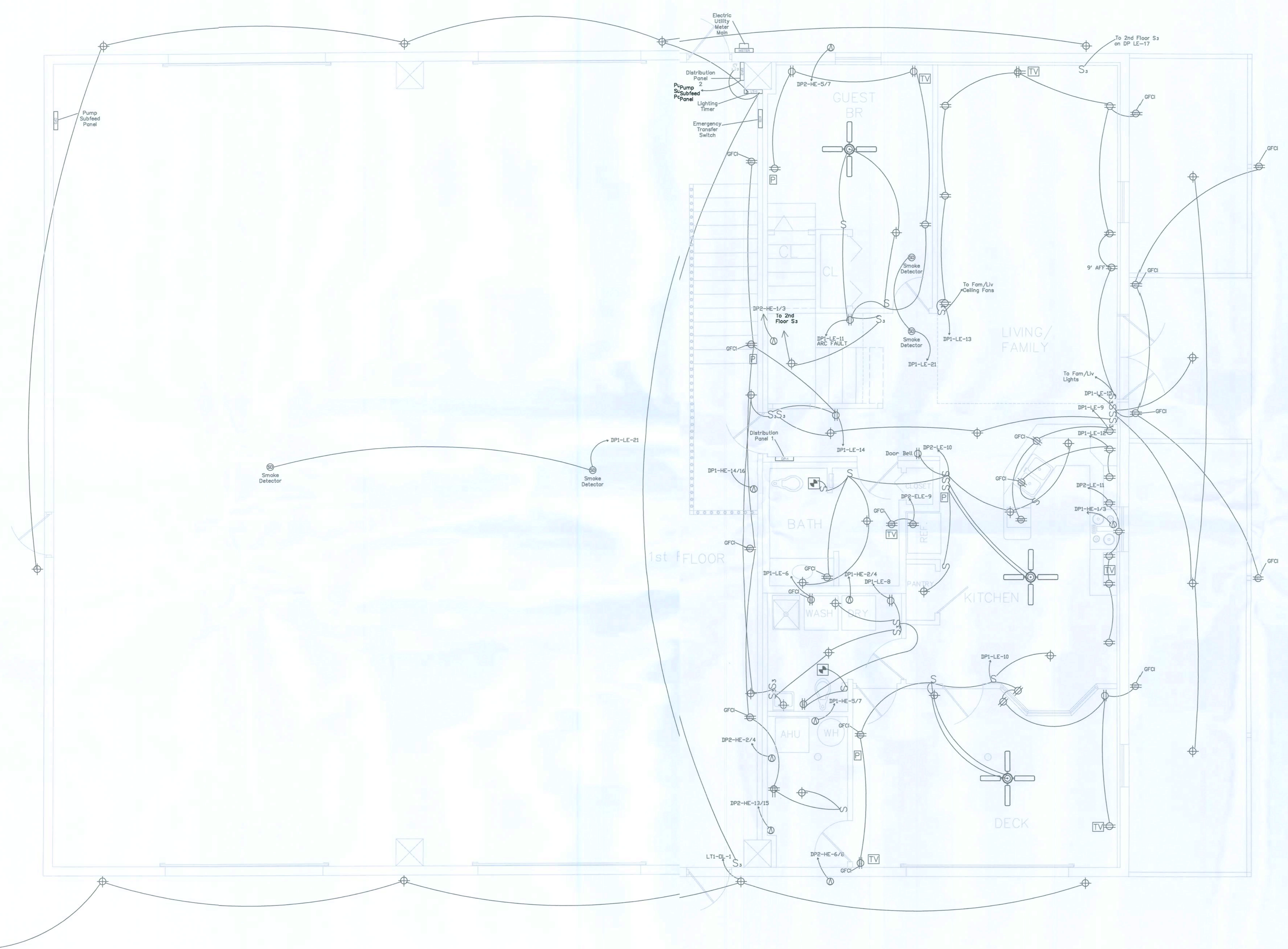
ALL PIPING TO BE SCH 40 PVC UNLESS OTHERWISE NOTED

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

Firm Name and Address
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 AVON PARK, FL 33825

Project Name and Address
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 PROJECT FT. WHITE, FL
 RANDAL L & MARY E GEIGER
 863 SW HENDERSON TERR
 FT. WHITE, FL 32038

| | |
|------------|-----------|
| Project | Sheet |
| Lot # 20 | E-0 |
| Date | |
| 04/15/2008 | |
| Scale | 1/4" = 1' |



1st FLOOR ELECTRICAL PLAN

General Notes

ELECTRICAL KEY NOTES

1. BRANCH CIRCUIT CONDUCTORS TO BE #12 AWG MIN.
2. LIGHT SWITCHES TO BE MOUNTED 48" AFF TO CENTER OF BOX UNLESS OTHERWISE NOTED.
3. RECEPTILES SHALL BE MOUNTED 18" AFF UNLESS OTHERWISE NOTED.
4. ABOVE COUNTER DEVICES SHALL BE MOUNTED 6" ABOVE BACK SPLASH TO CENTERLINE OF BOX.
5. ARC FAULT CIRCUITS IN BEDROOMS AS REQUIRED.
6. SMOKE DETECTORS IN BEDROOMS AS REQUIRED.
7. CEILING FANS IN ROOMS AS INDICATED.

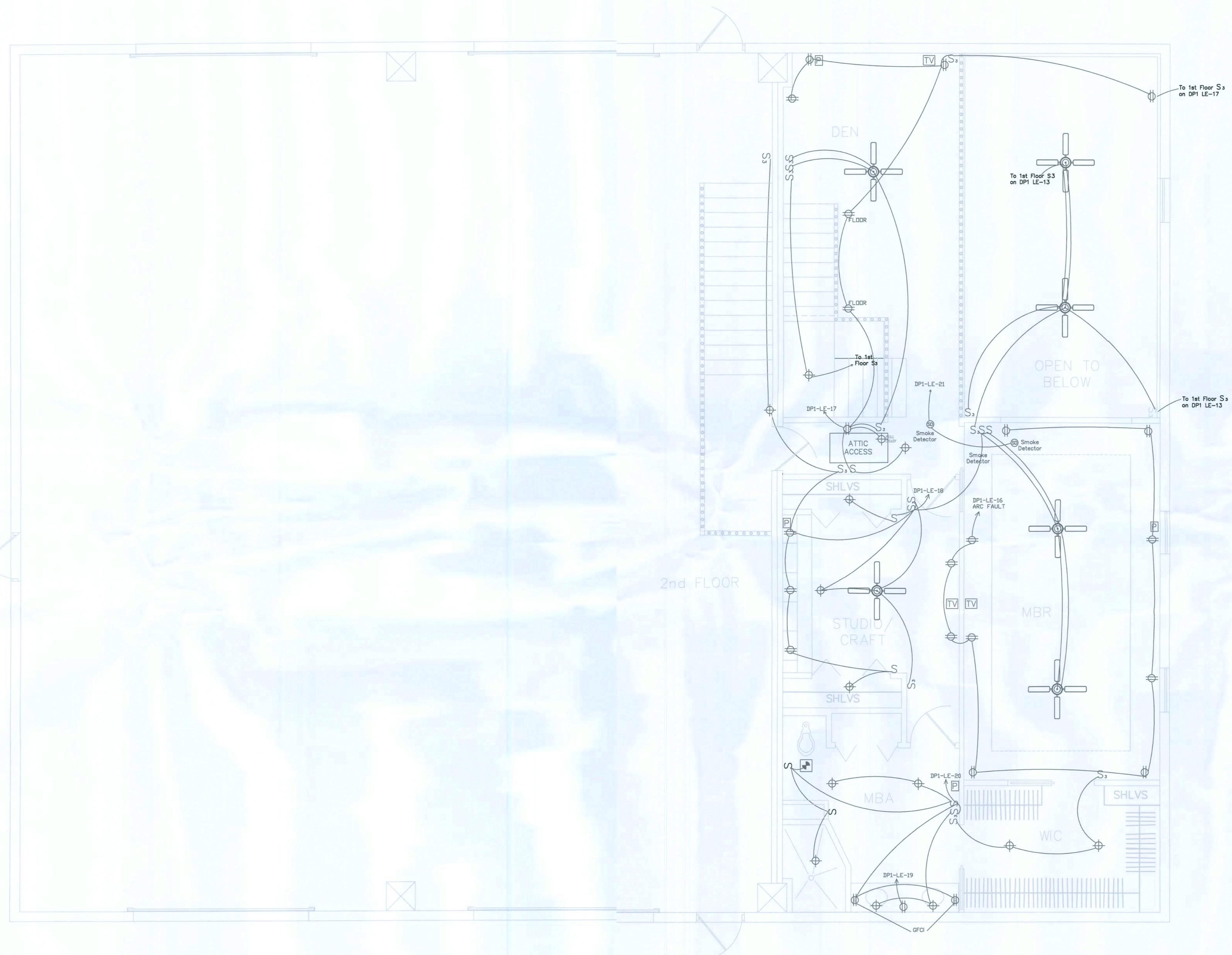
| No. | Revision/Issue | Date |
|-----|----------------|---------|
| 1 | Revision | 5/05/08 |

Firm Name and Address
 RANDAL L & MARY E GEIGER
 2095 N. BERKLEY RD.
 AVON PARK, FL 33825

Project Name and Address
 SPRING RUN ESTATES
 PROJECT FT. WHITE, FL
 RANDAL L & MARY E GEIGER
 863 SW HENDERSON TERR
 FT. WHITE, FL 32038

| | |
|---------------------|--------------|
| Project Lot # 20 | Sheet E-1 |
| Date 04/15/2008 | |
| Scale 1/4" = 1' | |

FUTURE YARD CIRCUIT



2nd FLOOR ELECTRICAL PLAN

General Notes

| No. | Revision/Issue | Date |
|-----|----------------|---------|
| 1 | Revision | 5/05/08 |

Firm Name and Address

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Project Name and Address

SPRING RUN ESTATES
PROJECT FT. WHITE, FL

RANDAL L & MARY E GEIGER
863 SW HENDERSON TERR.
FT. WHITE, FL 32038

| | | |
|---------|------------|-------|
| Project | Lot # 20 | Sheet |
| Date | 04/15/2008 | E-2 |
| Scale | 1/4" = 1' | |

ELECTRICAL DISTRIBUTION PANEL 1 = JP-1 150 AMP

| CIR | VOLT | KW | POLE | WIRE | SOURCE | TIP | CIR | VOLT | KW | POLE | WIRE | SOURCE | TRIP |
|-----|------|-----|------|------|-----------------|-----|-----|------|-----|------|---------|------------------|------|
| 1 | 240 | 10 | 2 | #6 | RANGE | 3 | 2 | 240 | 5 | 2 | #10 | DRYER | 30 |
| 3 | | | | | " | 4 | | | | | | " | |
| 5 | 240 | 5 | 2 | #10 | WATER HEATER | 3 | 6 | 120 | 1.5 | 1 | #12 | WASHER | 20 |
| 7 | | | | | " | 8 | 120 | 1.5 | 1 | #12 | LAUNDRY | 15 | |
| 9 | 120 | 1.5 | 1 | #12 | KIT RCPT WEST | 3 | 10 | 120 | 1.5 | 1 | #12 | DECK/DINING | 20 |
| 11 | 120 | 1.5 | 1 | #12 | ARC FAULT GBR | 3 | 12 | 120 | 1.5 | 1 | #12 | KIT GFI/DISPOSAL | 20 |
| 13 | 120 | 1.5 | 1 | #12 | LIVING ROOM | 3 | 14 | 120 | 1.5 | 1 | #12 | GARAGE GFI/MECH | 20 |
| 15 | 120 | 1.5 | 1 | #12 | PORCH GFI | 3 | 16 | 120 | 1.5 | 1 | #12 | ARC FAULT MBR | 20 |
| 17 | 120 | 1.5 | 1 | #12 | DEN/HALL | 3 | 18 | 120 | 1.5 | 1 | #12 | STUDIO | 20 |
| 19 | 120 | 1.5 | 1 | #10 | MBA INSTA HOT | 3 | 20 | 120 | 1.5 | 1 | #12 | MASTER BATH | 20 |
| 21 | 120 | 1.5 | 1 | #12 | SMDKE DETECTORS | 3 | 22 | | | | | SPARE | |
| 23 | | | | | SPARE | | 24 | | | | | SPARE | |

ELECTRICAL DISTRIBUTION PANEL 2 = DP-2 150 AMP

| CIR | VOLT | KW | POLE | WIRE | SOURCE | TRIP | CIR | VOLT | KW | POLE | WIRE | SOURCE | TRIP |
|-----|------|-----|------|------|-----------------|------|-----|------|-----|------|------|-------------------|------|
| 1 | 240 | 12 | 2 | #6 | A/C HANDLER | 50 | 2 | 240 | 12 | 2 | #6 | A/C HANDLER | 50 |
| 3 | | | | | " | | 4 | | | | | " | |
| 5 | 240 | 10 | 2 | #8 | A/C COMPRESSOR | 20 | 6 | 240 | 10 | 2 | #8 | A/C COMPRESSOR | 20 |
| 7 | | | | | " | | 8 | | | | | " | |
| 9 | 120 | 1.5 | 2 | #12 | REFRIGERATOR | 20 | 10 | 120 | 1.5 | 2 | #12 | BATH/KIT LIGHTING | 20 |
| 11 | 120 | 1.5 | 2 | #12 | KIT RCPT EAST | 20 | 12 | | | | | SPARE | |
| 13 | 240 | 5 | 2 | #8 | FUTURE HOT TUB | 50 | 14 | 240 | 5 | 2 | #8 | FUTURE ELEVATOR | 40 |
| 15 | | | | | " | | 16 | | | | | " | |
| 17 | 120 | 1.5 | 2 | #12 | GARAGE LIGHTING | 20 | 18 | 240 | 5 | 2 | #8 | WELL PANEL | 60 |
| 19 | 120 | 1.5 | 2 | #12 | GARAGE RECP | 20 | 20 | | | | | " | |
| 21 | | | | | SPARE | | 22 | | | | | SPARE | |
| 23 | | | | | SPARE | | 24 | | | | | SPARE | |

LIGHTING FIXTURE SCHEDULE

| ROOM | TYPE | QUANT. | COMMENTS |
|-------------|-------------------|--------|----------|
| LIVING | CLG. FAN W/ LIGHT | 2 | |
| DINING | CLG. MTD. | 1 | |
| PANTRY | CLG. MTD. | 1 | |
| BATH | WALL SCNCE | 1 | |
| KITCHEN | CLG. FAN W/ LIGHT | 2 | |
| MECHANICAL | CLG. MTD. | 1 | |
| UTILITY | CLG. MTD. | 1 | |
| G. BEDROOM | CLG. FAN W/ LIGHT | 2 | |
| DEN | WALL SCNCE | 2 | |
| M. BATH | WALL SCNCE | 2 | |
| WIC | CLG. MTD. | 2 | |
| MASTER BR | CLG. FAN W/ LIGHT | 2 | |
| STUDIO | CLG. FAN W/ LIGHT | 1 | |
| FRONT PORCH | CLG. MOUNTED | 3 | |
| REAR DECK | CLG. FAN W/ LIGHT | 1 | |

ELECTRICAL LOAD CALCS

| | |
|-------------------------------|------------------------|
| 2 SMALL APPLIANCE @1,500 W | 3,000 W |
| REFRIGERATOR | 1,500 W |
| WATER HEATER | 4,500 W |
| DISHWASHER (FUTURE) | 1,500 W |
| DISPOSAL | 1,500 W |
| WASHER | 1,500 W |
| DRYER | 5,000 W |
| EXTERIOR LIGHTING (FUTURE) | 1,500 W |
| TOTAL CONNECTED LOAD | 20,000 W |
| 1ST 10,000 @ 100% | 10,000 W |
| REMAINING 10,000 @ 40% | 4,000 W |
| TOTAL DIVERSIFIED LOAD | 14,000 W |
| TOTAL HEAT @ 65% | 10,000 W |
| TOTAL DESIGN LOAD | 24,000 W |
| | 24,000 /240 = 100 AMPS |

LIGHTING FIXTURE SCHEDULE

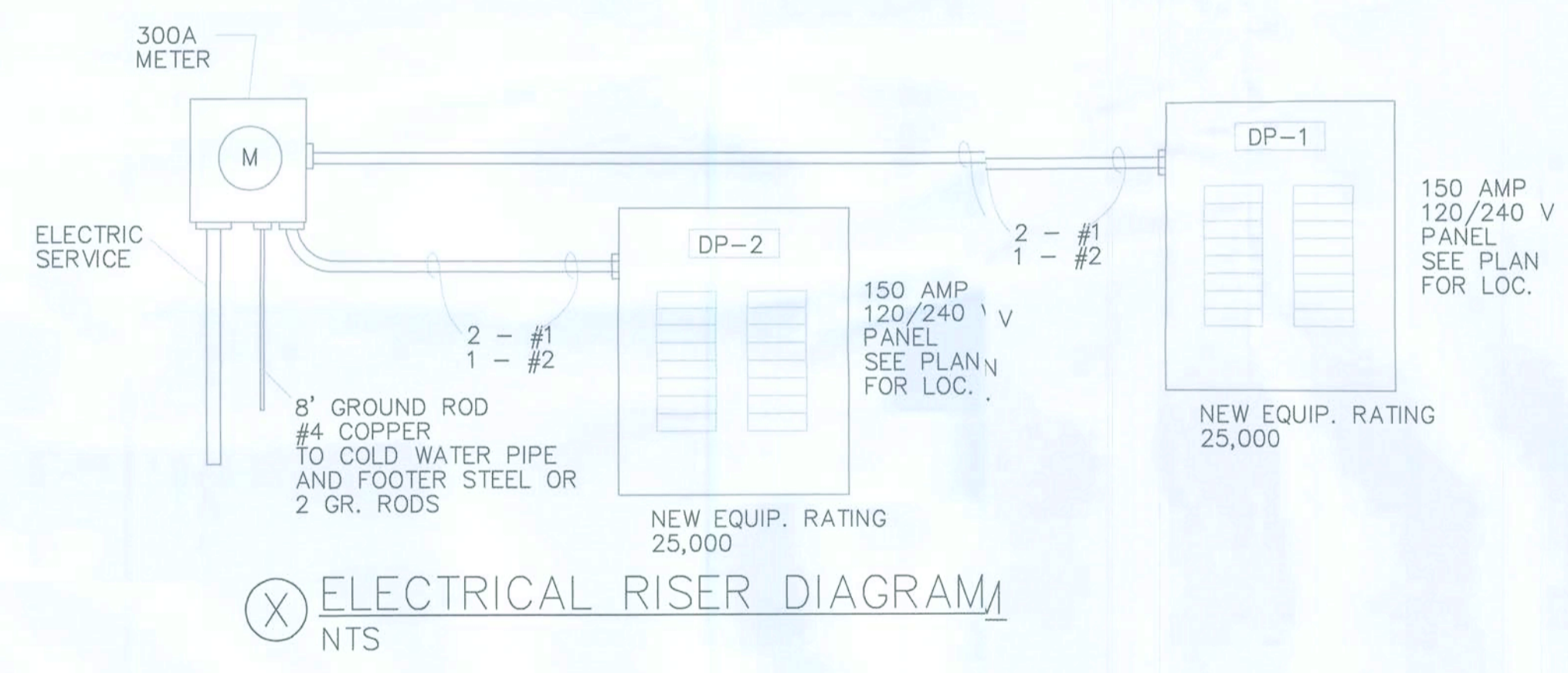
| ROOM | TYPE | QUANT. | COMMENTS |
|---------------|--------------------|--------|----------|
| GARAGE | CLG. HID LIGHT | 6 | |
| EXTERIOR YARD | HI PRESSURE SODIUM | 1 | |

ELECTRICAL LOAD CALCS

| | |
|-------------------------------|--------------------------|
| 3,120 SF x 3 W per SF | 9,360 W |
| 2 SMALL APPLIANCE @1,500 W | 3,000 W |
| REFRIGERATOR | 1,500 W |
| WATER PUMP | 4,500 W |
| EXTERIOR LIGHTING (FUTURE) | 1,500 W |
| HOT TUB HEATER | 5,000 W |
| TOTAL CONNECTED LOAD | 24,860 W |
| 1ST 10,000 @ 100% | 10,000 W |
| REMAINING 14,860 @ 40% | 5,944 W |
| TOTAL DIVERSIFIED LOAD | 15,944 W |
| TOTAL HEAT @ 65% | 10,000 W |
| TOTAL DESIGN LOAD | 25,944 W |
| | 25,944 /240 = 108.1 AMPS |

ELECTRICAL KEY

- ⊕ DUPLEX RECEPTACLE AT 12" A.F.F.
- ⊕GFI DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPT
- CEILING MOUNTED INCANDESCENT LIGHT
- WP CEILING MOUNTED INCANDESCENT LIGHT - WATER PROOF
- WALL MOUNTED INCANDESCENT LIGHT
- WP WALL MOUNTED INCANDESCENT LIGHT - WATER PROOF
- ⚡ SINGLE POLE SWITCH ⚡3 THREE-WAY SWITCH
- ⚡ 220 V RECEPTACLE ☎ TELEPHONE
- ⊕FAN CEILING LIGHT- WITH FAN
- TV CATV/DATA B DOOR BELL
- ⚡ EXT. SECURITY LIGHT — 24" OR 36" FLUORESCENT



PANEL SCHEDULE

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

Firm Name and Address

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Project Name and Address

SPRING RUN ESTATES
PROJECT FT. WHITE, FL

RANDAL L & MARY E GEIGER
863 SW HENDERSON TERR.
FT. WHITE, FL 32038

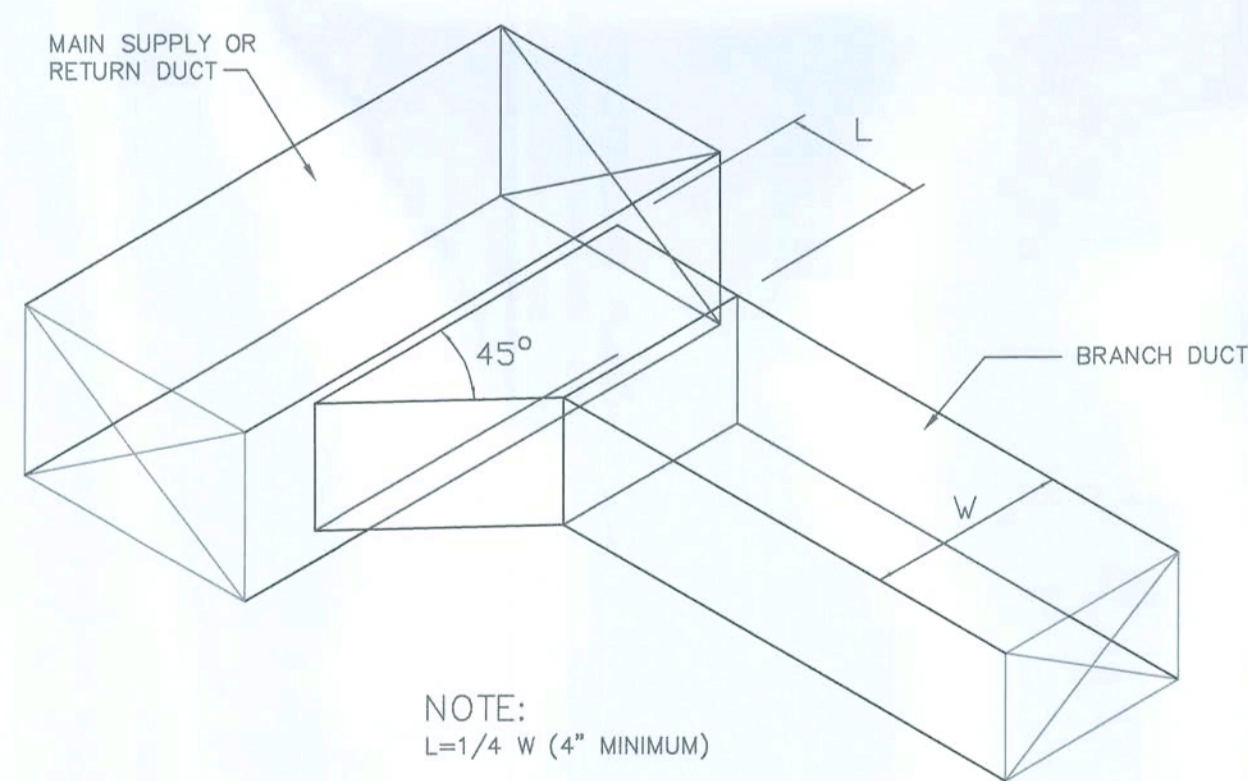
| Project | Sheet |
|------------|-------|
| Lot # 20 | E-3 |
| Date | |
| 04/15/2008 | |
| Scale | NTS |

GENERAL NOTES

- MECHANICAL INSTALLER SHALL VERIFY ALL CLEARANCES AND ACCESS SPACE BEFORE FABRICATING OR INSTALLING ANY HVAC EQUIPMENT.
- DUCTWORK, DIFFUSERS, REGISTERS, GRILLES AND OTHER ITEMS OF THE AIR HANDLING SYSTEM SHALL NOT BE SUPPORTED BY THE CEILING OR CEILING SUSPENSION SYSTEM, COORDINATE LOCATION OF GRILLES, WALLCAPS, ROOFCAPS, LOUVERS AND DIFFUSERS WITH ELECTRICAL, ARCHITECTURAL AND PLUMBING WORK.
- ALL WALL MOUNTED THERMOSTATS SHALL BE INSTALLED AT A CENTER LINE ELEVATION OF 5'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED ON DRAWINGS. LOCATION OF THE WALL MOUNTED THERMOSTATS SHALL BE COORDINATED WITH THE OTHER TRADES FOR A NEAT APPEARANCE. FINAL LOCATION OF THERMOSTATS SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT OR HIS REPRESENTATIVE IN THE FIELD.
- IN GENERAL, PLANS AND DIAGRAMS ARE SCHEMATIC ONLY AND SHOULD NOT BE SCALED. MECHANICAL INSTALLER SHALL COORDINATE WITH OTHER PLUMBING, HEATING AND ELECTRICAL WORK AT SITE SO AS NOT TO CONFLICT WITH THEIR WORK.
- ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS.
- SUPPLY, RETURN, AND TRANSFER DUCTWORK SHALL BE FIBROUS DUCTBOARD WITH A MIN. R VALUE OF 6 IN ATTIC SPACES AND R VALUE OF 4.2 IN CONDITIONED SPACE. EXHAUST AIR DUCTS SHALL BE GALVANIZED SHEETMETAL. ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF "SMACNA" DUCT CONSTRUCTION STANDARDS AND COMPLY WITH THE LATEST "NFPA" 90 A REQUIREMENTS.
- FIBERGLASS DUCT TAPE AND APPLICATION OF TAPE SHALL BE IN ACCORDANCE WITH THE DUCTBOARD MANUFACTURERS' INSTALLATION INSTRUCTIONS.
- ALL CONSTRUCTION SHALL COMPLY WITH LOCAL BUILDING CODES, NFPA, AND THE FLORIDA MECHANICAL CODE.
- PROVIDE P-TRAPS AT ALL AIR HANDLING UNITS FOR CONDENSATE DRAIN LINE CONNECTION.
- SLOPE DRAIN LINE TOWARD THE POINT OF DISCHARGE. (MIN. 1/8" / FOOT). INSULATE CONDENSATE DRAIN LINES WITH 1/2" THICK "ARMAFLEX" PIPE INSULATION. CONDENSATE DRAIN LINES TO BE PVC.
- ALL VOLUME DAMPERS SHALL BE OPPOSED BLADE TYPE.
- PROVIDE MANUALLY ADJUSTABLE VOLUME EXTRACTORS AT SUPPLY AIR CONNECTIONS OF RIGID RECTANGULAR BRANCH DUCTS TO THE MAIN DUCT WHERE SHOWN ON PLAN.
- PROVIDE SPIN-IN FITTINGS AT ALL SUPPLY AIR CONNECTIONS OF ROUND OR FLEXIBLE DUCT TO RIGID RECTANGULAR DUCT.
- INSTALL ALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
- REFRIGERANT LINES SHALL BE SIZED AS PER THE AIR CONDITIONING EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PIPING TO BE FILLED WITH DRY NITROGEN WHILE SOLDERING. TEST, CLEAN AND DEHYDRATE PIPES AND PROVIDE CRITICAL CHARGE OF REFRIGERANT AS PER EQUIPMENT MANUFACTURER'S RECOMMENDATION. PROVIDE ALL NECESSARY VALVES, TRAPS, SIGHT GLASS, ETC. AS REQUIRED FOR A COMPLETE AND READY TO OPERATE INSTALLATION. INCLUDE ACCESSIBLE SERVICE FITTINGS. INSULATE SUCTION LINES WITH 1" THICK "ARMAFLEX" PIPE INSULATION.
- PROVIDE PIPE SLEEVES FOR REFRIGERANT AND CONDENSATE DRAIN LINES PENETRATING EXTERIOR WALLS. SEAL VOIDS AROUND PIPING WITH A WEATHERTIGHT PERMANENT NON-SHRINKING SEALANT.
- OUTDOOR CONDENSING UNITS SHALL BE SET ON A 4" THICK CONCRETE PAD. PAD SHALL EXTEND 8" BEYOND UNIT ON ALL SIDES. PROVIDE ACCESS FOR MAINTENANCE AS RECOMMENDED BY EQUIPMENT MANUFACTURER.
- FLEXIBLE DUCT, IF USED, SHALL BE FACTORY INSULATED WITH 3/4" THICK GLASS FIBER AND INCLUDE A VINYL VAPOR JACKET, HELIX STEEL WIRE, FLAME SPREAD RATING OF "25" OR LESS, SMOKE DENSITY FACTOR OF "40" OR LESS AND BY UL-181 LISTED. "THERMAFLEX" TYPE M-KE OR APPROVED EQUAL. FLEXIBLE DUCT SHALL BE ATTACHED WITH "THERMAFLEX" WRAP LOCK SERIES #0902 CLAMPS. MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE 5'-0".
- PROVIDE FLEXIBLE CONNECTIONS BETWEEN ALL EQUIPMENT AND DUCTWORK.
- PROVIDE FIRESTATS IN THE INLET DUCT CONNECTIONS OF ALL RECIRCULATING AIR MOVING SYSTEMS.
- CONTRACTOR SHALL NOTE THAT ENERGY CALCULATIONS CHAPTER 13, FORM 600A-04 AS SUBMITTED FOR PERMITTING IS A PART OF THE PLANS AND SPECIFICATIONS AS DICTATED BY FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION. ALL PRESCRIPTIVE MEASURES, "R" VALUES, AND EQUIPMENT EFFICIENCIES AS INDICATED SHALL BE ADHERED TO.
- NECESSARY, OBVIOUSLY REQUIRED MECHANICAL ITEMS THAT ARE NOT SHOWN ON THE DRAWINGS DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO INSTALL A COMPLETE OPERATING AND SAFE MECHANICAL SYSTEM.

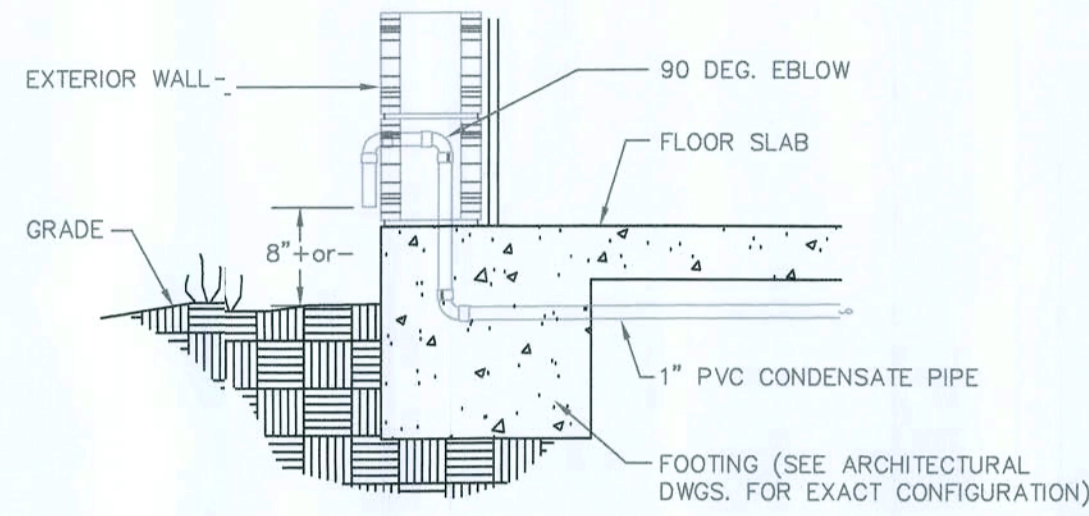
| H.V.A.C. LEGEND | |
|-----------------|---|
| | SUPPLY DUCT SECTION |
| | RETURN OR EXHAUST DUCT SECTION |
| | SUPPLY DUCT UP |
| | SUPPLY DUCT DOWN |
| | RETURN OR EXHAUST DUCT UP |
| | RETURN OR EXHAUST DUCT DOWN |
| | RISE, W/ RESPECT TO AIR FLOW |
| | DROP, W/ RESPECT TO AIR FLOW |
| | FLEXIBLE CONNECTION |
| | VOLUME DAMPER |
| | FLEXIBLE DUCT |
| | ELBOW W/ TURNING VANES |
| | THERMOSTAT |
| | VANED ELBOW(S) WITH AIR SPLIT TYPE DUCT TAKE-OFF. WIDTH OF ELBOW WILL BE AS INDICATED ON PLAN. (8" SHOWN) |

NOTE:
COORDINATE EXACT ROUTING OF ALL REFRIGERANT AND CONDENSATE PIPING WITH FRAMING MEMBERS. DROP INSIDE FRAMED WALLS SIMILAR TO WHAT IS SHOWN ON PLAN, DOWN TO BELOW SLAB. ROUTE REFRIGERANT PIPING BELOW SLAB TO CONDENSING UNITS AS PER DETAIL. TURN CONDENSATE PIPING UP ONE COURSE OF BLOCK AT EXTERIOR WALL, TURN DOWN WITH ELBOW AT EXTERIOR, DISCHARGING 8" ABOVE GRADE.

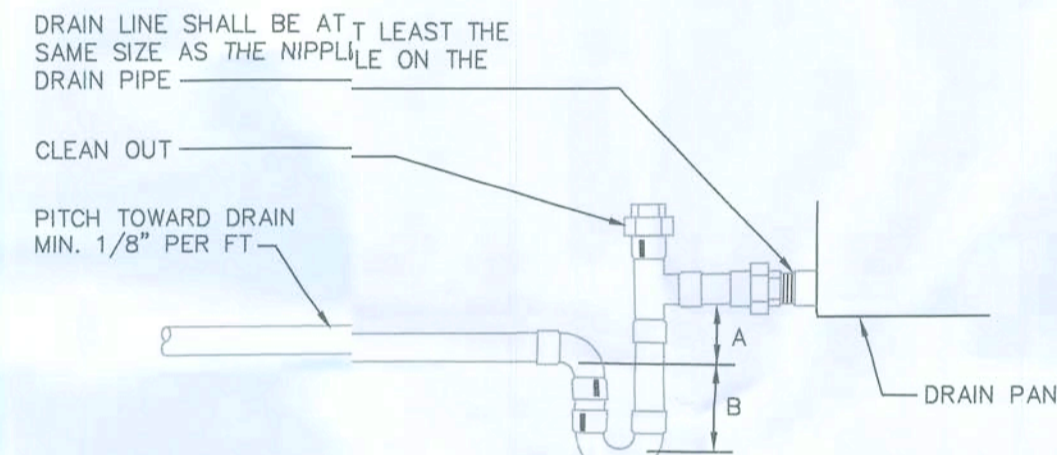


NOTE:
L=1/4 W (4" MINIMUM)

BRANCH DUCT DETAIL
NOT TO SCALE



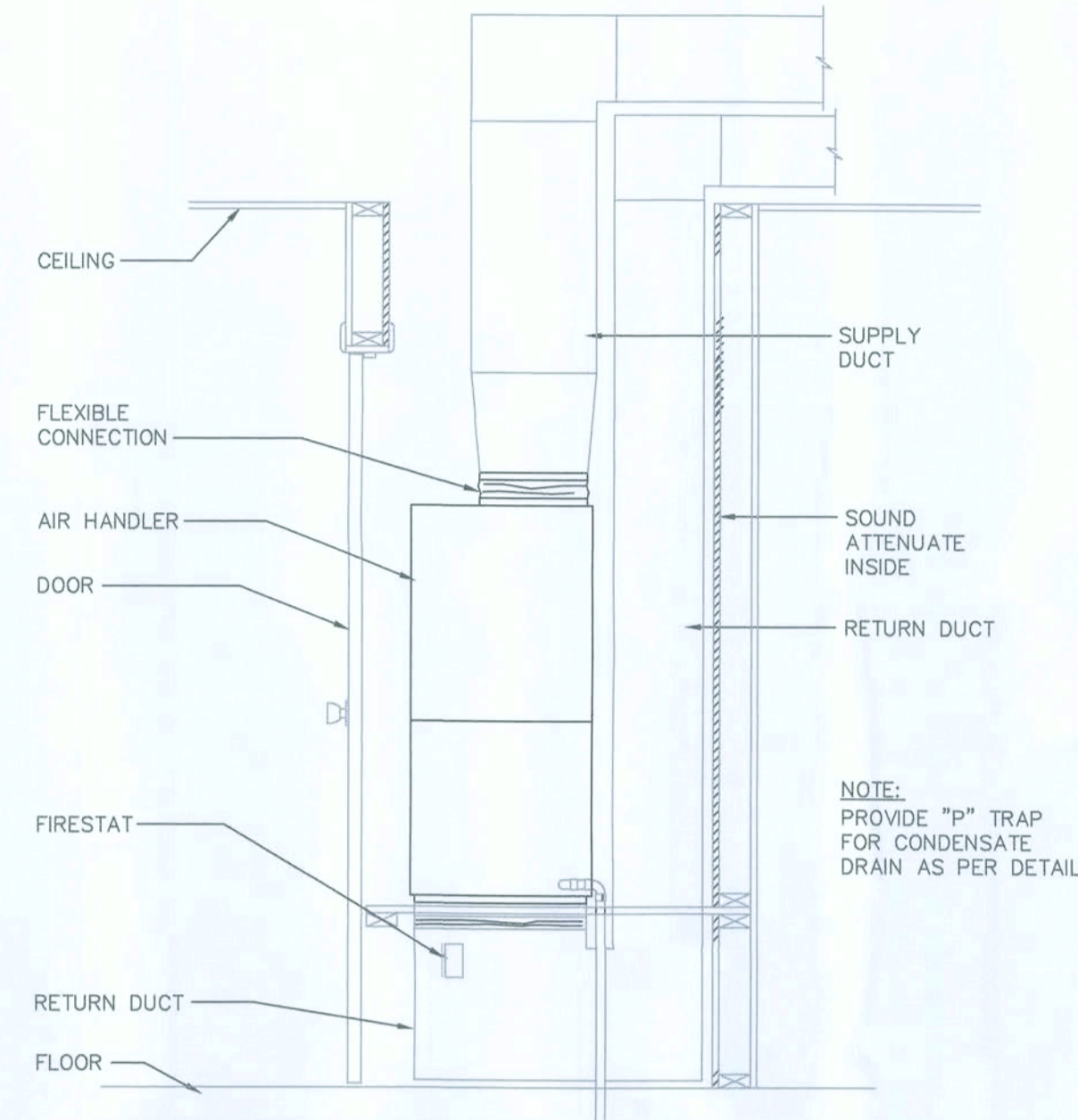
CONDENSATE PIPING DETAIL
NOT TO SCALE



| UNIT TYPE | A | B |
|-------------|---------|-------|
| DRAW V THRU | X 1" | 1.5 X |
| BLOW I THRU | 1" MIN. | 2.0 X |

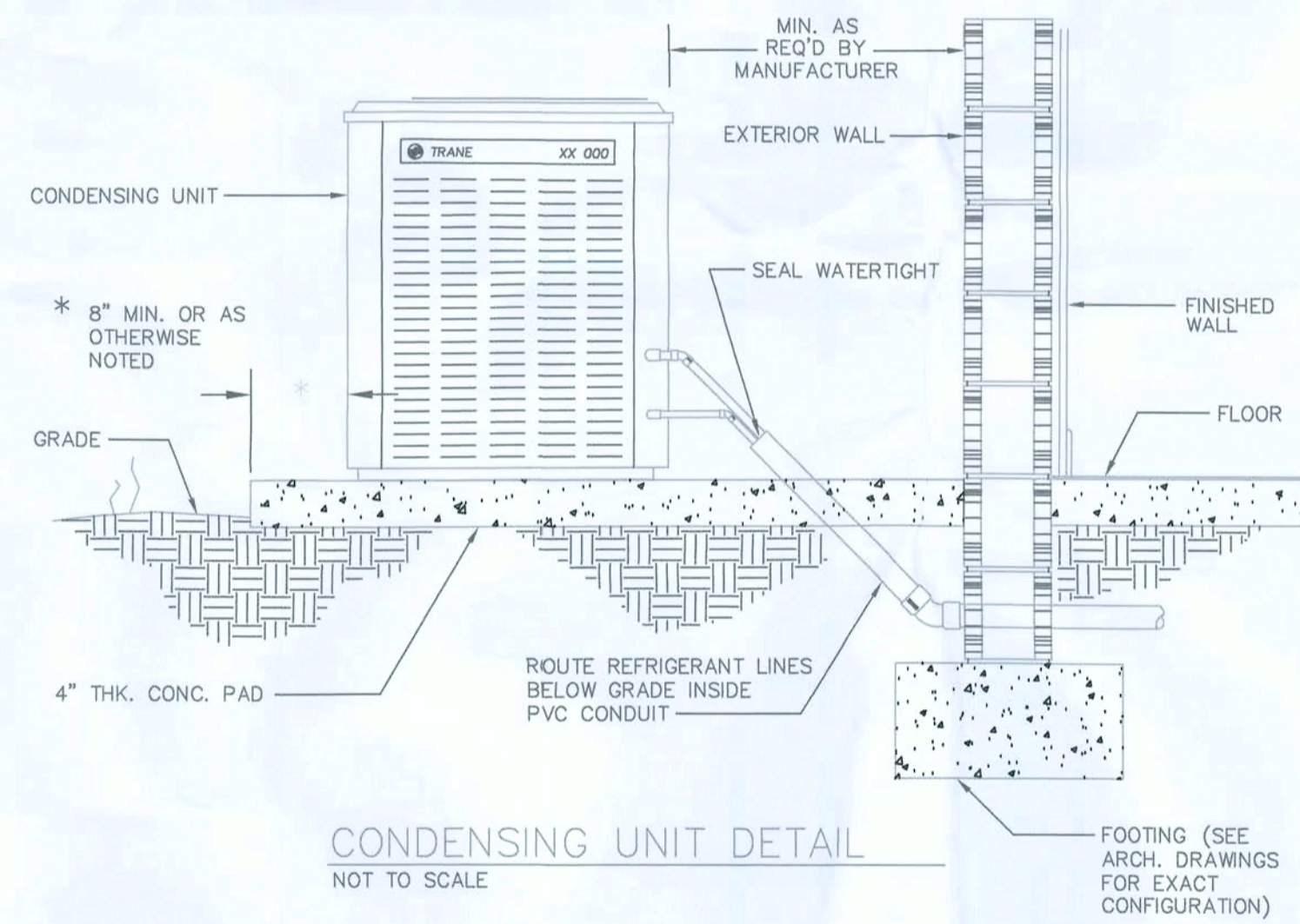
WHERE X = STATIC PRESSURE IN PAN

AIR HANDLING UNIT CONDENSATE TRAP
NOT TO SCALE



NOTE:
ACTUAL CONFIGURATION VARIES FROM ONE UNIT TO ANOTHER. SEE FLOOR PLANS FOR ACTUAL CONFIGURATION.

AIR HANDLER DETAIL
NOT TO SCALE



CONDENSING UNIT DETAIL
NOT TO SCALE

General Notes

SEE MAIN AREA OF THIS SHEET FOR NOTES

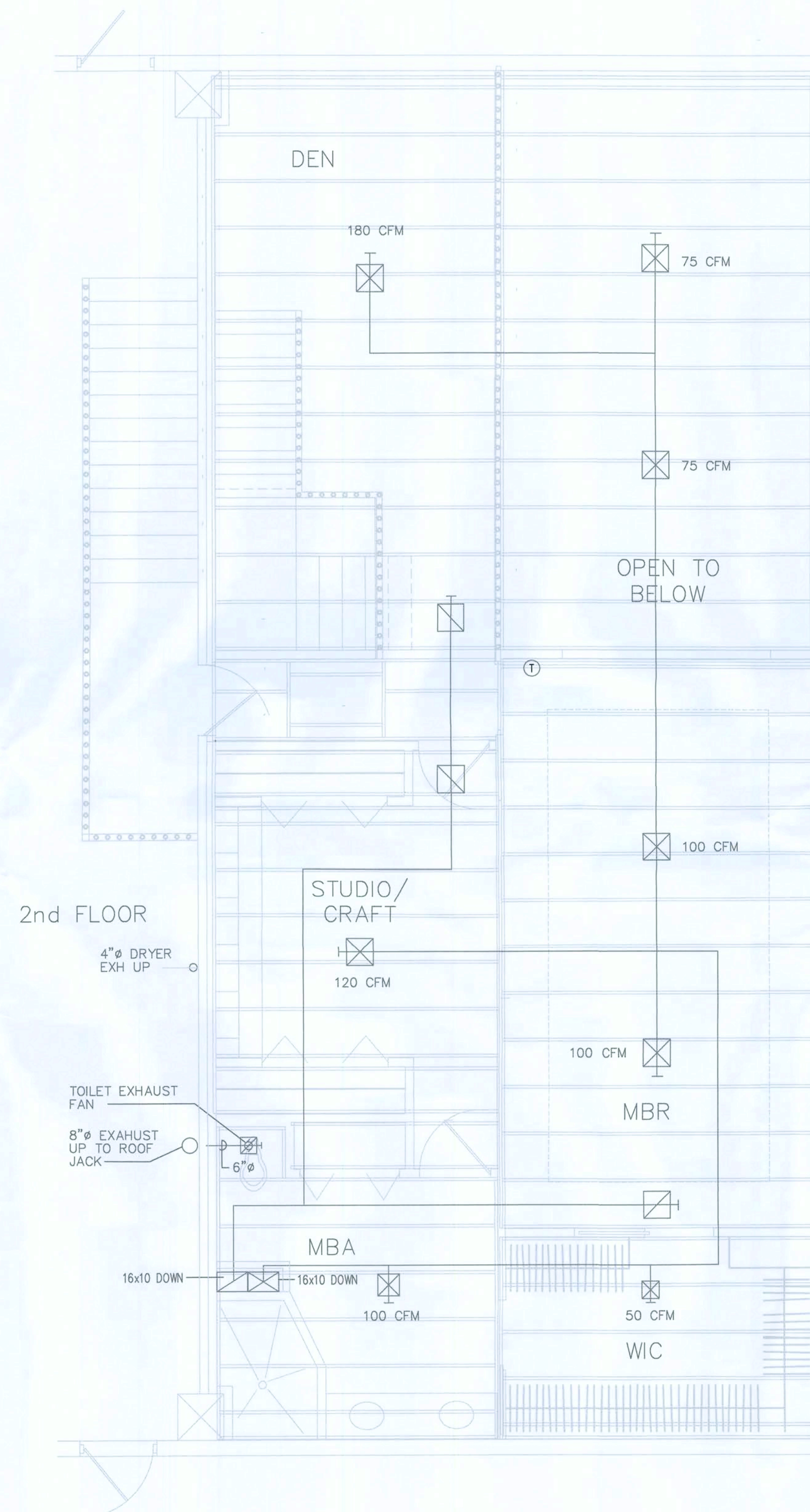
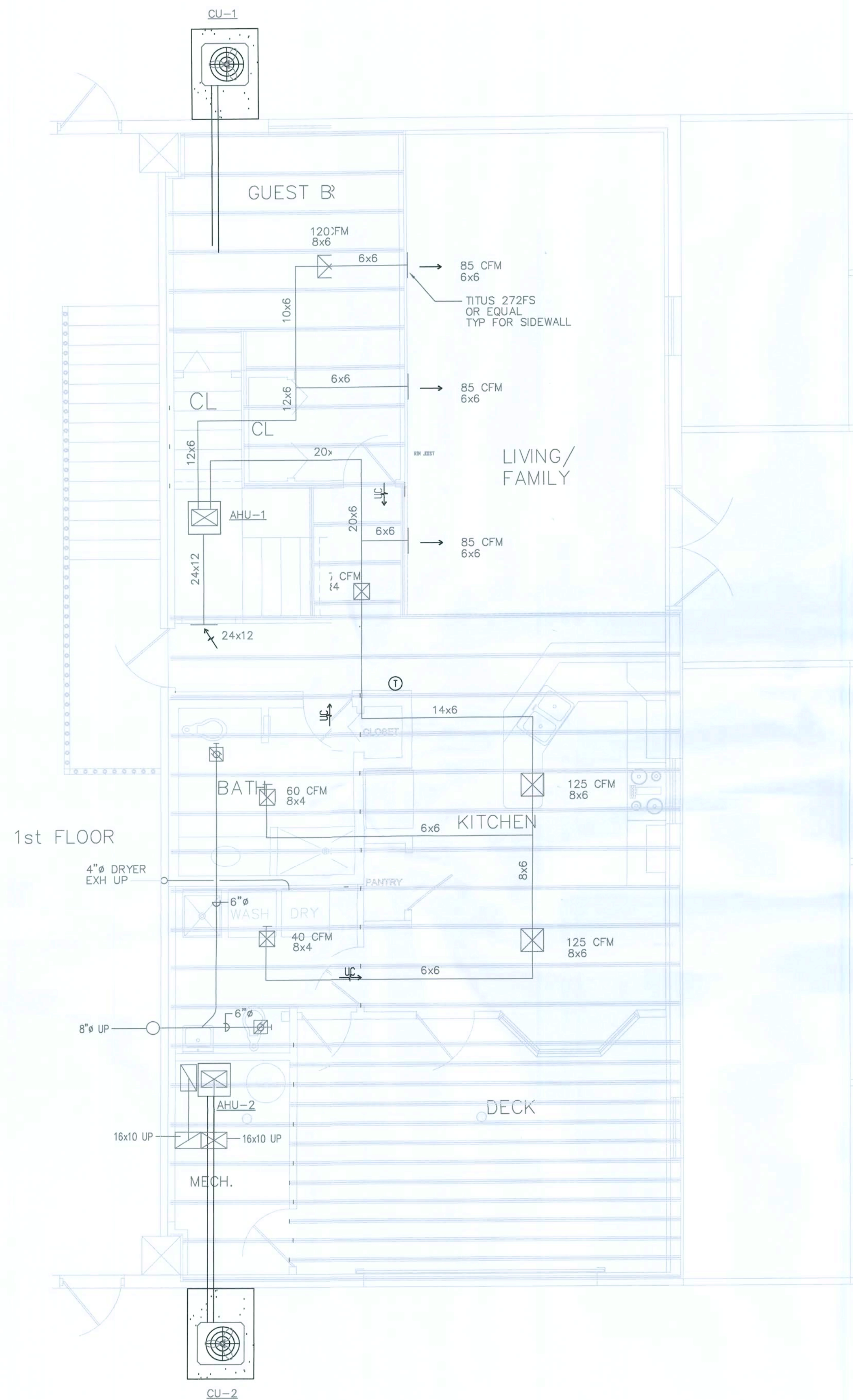
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AVD N PARK, FL 33825

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863 SW HENDERSON TERR
FT. WHITE, FL 32038

| Project | Sheet |
|--------------------|-------|
| Lot # 20 | M-0 |
| Date 04/15/2008 | |
| Scale N.T.S. | |

MECHANICAL HVAC GENERAL NOTES



MECHANICAL HVAC PLAN

General Notes

| No. | Revision/Issue | Date |
|-----|----------------|---------|
| 1 | Revision | 5/05/08 |

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863 SW HENDERSON TERR.
FT. WHITE, FL 32038

| Project | Sheet |
|--------------------|-------|
| Lot # 20 | M-1 |
| Date 04/15/2008 | |
| Scale 1/4" = 1' | |



1st FLOOR SUPPLY PIPING PLAN

General Notes

SUPPLY KEY NOTES

- ① DOMESTIC COLD WATER 1/2" (TYP)
- ② DOMESTIC HOT WATER 1/2" (TYP)
- ③ DOMESTIC SUPPLY 1-1/4"

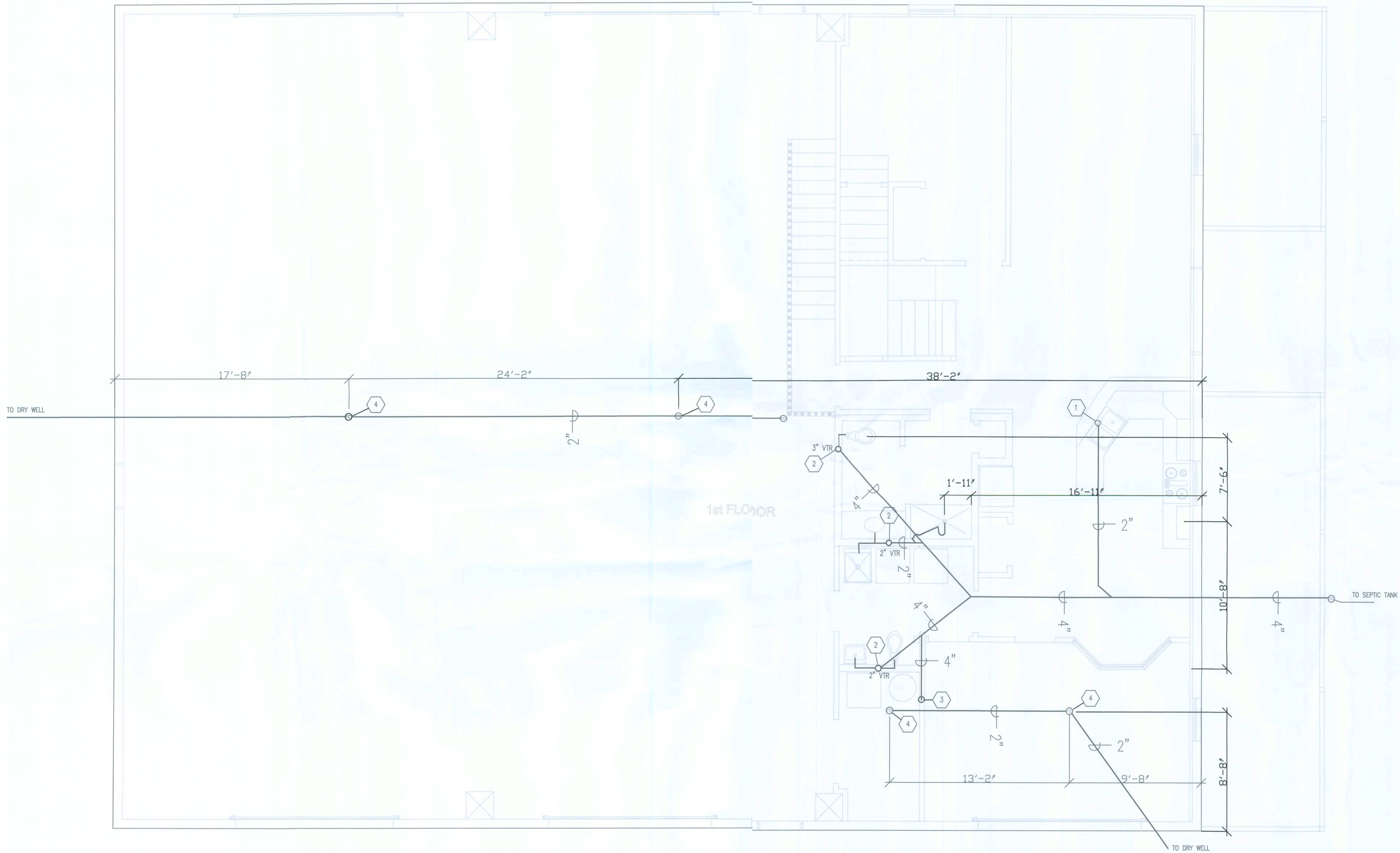
ALL SUPPLY PIPING TO BE CPVC UNLESS OTHERWISE NOTED

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| | | |

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 FT. WHITE, FL 32038

| | |
|---------------------|--------------|
| Project Lot # 20 | Sheet P-0 |
| Date 04/15/2008 | |
| Scale 1/4" = 1' | |



1st FLOOR SANITARY PIPING PLAN

General Notes

DRAINAGE KEY NOTES

- ① STUDDOR VENT UNDER CABINET
- ② SANITARY VENT THROUGH ROOF
- ③ SANITARY DRAIN FROM 2ND FLOOR
- ④ FLOOR DRAIN

ALL DRAINAGE PIPING TO BE SCH 40 UNLESS OTHERWISE NOTED

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

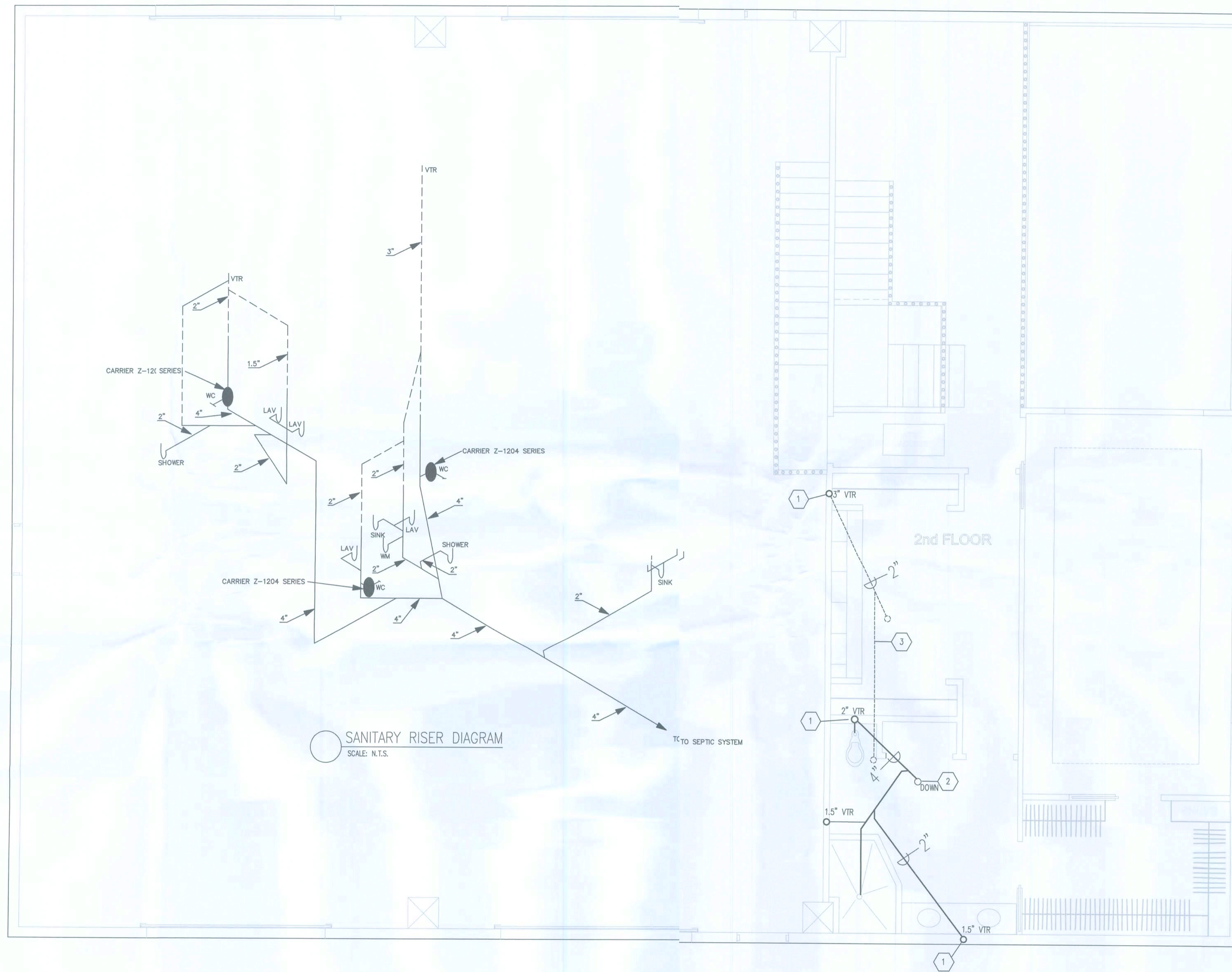
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Project Name and Address

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PROJECT FT. WHITE, FL
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863 SW HENDERSON TERR
FT. WHITE, FL 32038

| | |
|---------------------|--------------|
| Project Lot # 20 | Sheet P-1 |
| Date 04/15/2008 | |
| Scale 1/4" = 1' | |



2nd FLOOR SANITARY PIPING PLAN

General Notes

DRAINAGE KEY NOTES

- ① VENT THROUGH ROOF
- ② SANITARY DRAIN FROM 2ND FLOOR
- ③ VENT STACK BETWEEN 1ST & 2ND FLOOR

ALL DRAINAGE PIPING TO BE SCH 40 UNLESS OTHERWISE NOTED

| No. | Revision/Issue | Date |
|-----|----------------|------|
| | | |

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| | |
|---------------------|--------------|
| Project Lot # 20 | Sheet P-2 |
| Date 04/15/2008 | |
| Scale 1/4" = 1' | |

GENERAL NOTES

1. MATERIALS

PRIMARY FRAMING STEEL

STEEL FOR MILL-ROLLED STRUCTURAL SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 36, ASTM A 572 GRADE 50 OR 55, OR ASTM A 992 WITH A MINIMUM YIELD OF 50 KSI.

STEEL FOR BUILT-UP SECTIONS SHALL CONFORM TO ONE OR MORE OF THE FOLLOWING:

- A. ASTM A 1011 SS, GRADE 55
- B. ASTM A 1011 HSLAS, GRADE 55 CLASS 1
- C. ASTM A 572, GRADE 55
- D. ASTM 529 GRADE 55

STEEL FOR ENDWALL "C" SECTIONS SHALL CONFORM TO ASTM A 1011 SS, GRADE 55, OR HSLAS, GRADE 55 CLASS 1

STEEL FOR ROUND PIPE SECTIONS SHALL CONFORM TO ASTM A 3, TYPE E OR S, GRADE B, OR ASTM A 500 GRADE B

SECONDARY FRAMING STEEL

STEEL USED TO FORM PURLINS, GIRTS, EAVE STRUTS, AND "C" SECTIONS SHALL CONFORM TO ASTM A 1011 SS, GRADE 55, OR HSLAS GRADE 55, CLASS 1 OR IF GALVANIZED SHALL CONFORM TO ASTM A 653 SS, GRADE 50, CLASS 3, G90 OR HSLAS, TYPE A, GRADE 50, G90, WITH A MINIMUM YIELD STRENGTH OF 55 KSI.

ROOF AND WALL PANEL MATERIAL

EXTERIOR PANELS SHALL CONFORM TO ONE OF THE FOLLOWING:

A. PANEL MATERIAL SHALL BE ALUMINUM-ZINC ALLOY-COATED STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A 792 SS, GRADE 80 MATERIAL MAY BE EITHER 26 OR 24 GAGE.

B. PANEL MATERIAL SHALL BE ALUMINUM-ZINC ALLOY-COATED STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A 792 SS, GRADE 50 MATERIAL MAY BE EITHER 24 OR 22 GAGE.

C. PANEL MATERIAL SHALL BE ZINC-COATED (GALVANIZED STEEL COATING, DESIGNATION G90, CONFORMING TO THE REQUIREMENTS OF ASTM A 653 SS, GRADE 50 MATERIAL MAY BE EITHER 24 OR 22 GAGE.

GUTTERS / DOWNSPOUTS

IF PROVIDED: SHALL COMPLY WITH METAL BUILDING SYSTEMS MANUAL SECTION A4 "GUTTER/DOWNSPOUT DESIGN" USING FORMULAS, A4.1, A4.2, A.3, OR A4.4 FOR DETERMINING CAPACITY OF GUTTER AND DOWNSPOUT QUANTITY REQUIRED.

BRACING MATERIALS

BRACE CABLES:
ASTM A 475, 7 STRAND EHS WIRE CABLE
MATERIAL MAY BE 1/4", 5/16", 3/8", OR 1/2" DIAMETERS

BRACE RODS:
ASTM A 572, GRADE 65, UNLESS NOTED
MATERIAL MAY BE 1/2", 5/8", 3/4", OR 1.0" DIAMETERS

2. STRUCTURAL PRIMER

SHOP PRIMER PAINT IS A RUST INHIBITIVE PRIMER AND ITS COLOR IS RED OXIDE. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.

3. A325 BOLT TIGHTENING REQUIREMENTS

ALL HIGH STRENGTH BOLTS ARE A325 UNLESS SPECIFICALLY NOTE OTHERWISE.

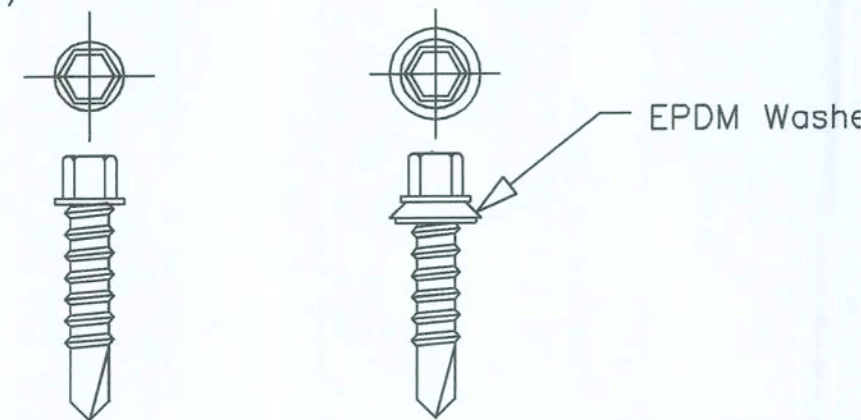
STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE TURN-OF-THE-NUT METHOD IN ACCORDANCE WITH THE THIRTEENTH EDITION AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". PER SECTION 8D.1, A325 BOLTS MAY BE INSTALLED WITHOUT WASHERS WHEN TIGHTENED BY THE TURN-OF-THE-NUT METHOD.

ALL HIGH STRENGTH BOLTS, EXCEPT AS NOTED OTHERWISE, ARE SUBJECT TO DIRECT TENSION AND MAY REQUIRE INSPECTION AS DEFINED BY THE APPLICABLE BUILDING CODE OR STANDARD. IT IS THE RESPONSIBILITY OF THE DESIGNER TO ASSURE PROPER TIGHTNESS.

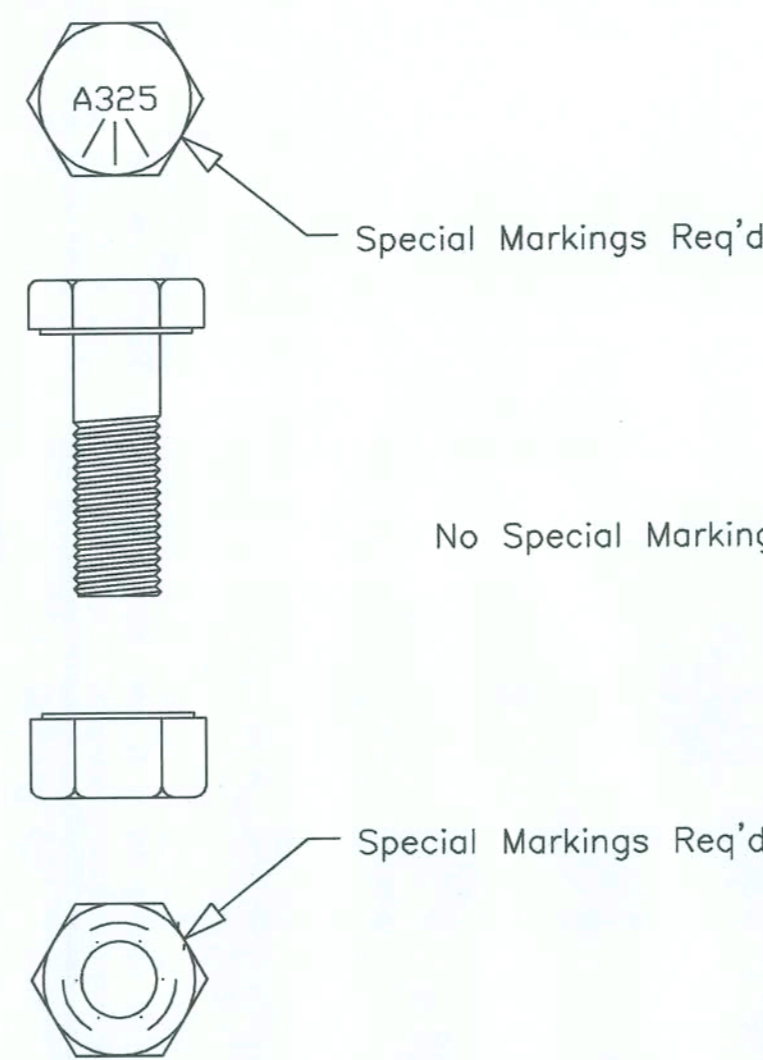
All bolts used to connect secondary framing (Purlins, Girts, Etc.) to primary framing (Main Frames, Endwall Frame, Etc) shall be ASTM A307 or ASTM A325 as required by design.

All bolts used to connect primary framing members (Main Frame Column to Rafter or Endwall Column to Rafter) shall be minimum ASTM A325 Bolts.

SELF DRILLING FASTENERS WITH/WITHOUT EPDM WASHERS



HIGH STRENGTH A-325 BOLTS



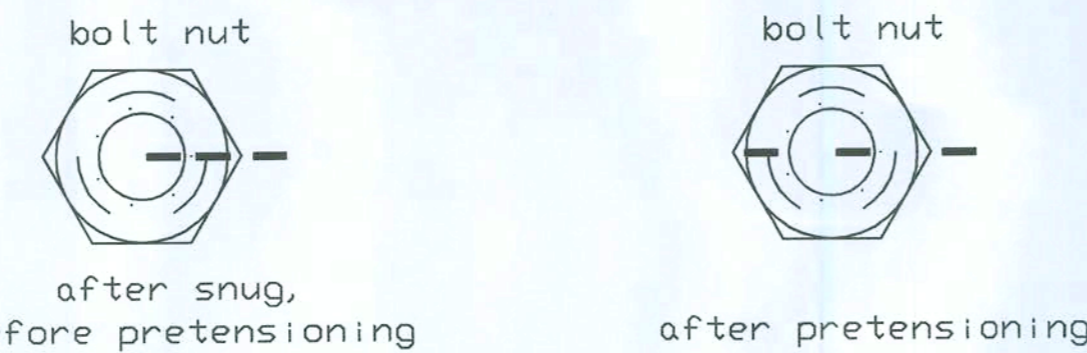
MILD STEEL A-307 BOLTS



| Required Rotation for Turn-of-the-Nut Method | | | |
|---|---|--|---|
| Condition under bolt head and under nut | Bolt length relative to bolt diameter "D" | | |
| | Bolt length less than or equal to 4D | Bolt length over 4D and less than or equal to 8D | Bolt length over 8D and less than or equal to 12D |
| both faces flat | 1/3 turn | 1/2 turn | 2/3 turn |
| one face sloped, but no more than 1:20 (< 3 deg) | 1/2 turn | 2/3 turn | 5/6 turn |
| Both faces stopped, but no more than 1:20 (< 3 deg) | 2/3 turn | 5/6 turn | 1 turn |

Pretensioning Turn-of-the-Nut Method TURNING the NUT

- (1.) Snug the joint to bring the connected plies into firm contact. Apply a few impacts with an impact wrench (until solid sound) or apply full effort on a spud wrench.
- (2.) Inspect the joint to verify that the snug condition, with firm contact, has been achieved.
- (3.) Matchmark each nut and bolt in a straight line, going across a corner of the nut. It is recommended to also mark the steel surface prior to pretensioning to indicate either the starting point or required finishing point for rotation, whichever practice is chosen for use.



- (Note: 1/2 turn illustrated)
- (4.) One worker must hold the bolt as the nut is turned.
- (5.) Using a systematic approach apply the required turns as given in Table above.
- (6.) Using visual inspection, verify by checking the matchmarks that the required rotation has been applied as required by the Tables.

BUILDING DESCRIPTION:

| | | |
|--------------------------|--------|------|
| Nominal Width: | 60 | feet |
| Nominal Length: | 80 | feet |
| Eave Height, Back S.W.: | 18 | feet |
| Eave Height, Front S.W.: | 18 | feet |
| Roof Slope, LEFT: | 1.0:12 | |
| Roof Slope, RIGHT: | 1.0:12 | |

SERVICEABILITY CRITERIA:

Note: For components and cladding, deflections involving wind are based on 10 year wind pressures. A wind deflection factor of 0.70 has been used.

| | |
|-------------------------------------|--------------|
| Rigid Frame (Horiz): | H/60 |
| Wind Bracing Moment Frames (Horiz): | H/60 |
| Rigid Frame (Vert Live): | L/180 |
| EW Columns: | L/180 |
| EW Rafter (Vert Live): | L/180 |
| Purlins (Vert Live): | L/180 |
| Girts: | L/90 |
| Spandrells: | L/240 (u.n.) |
| Roof Panel (Vert Live): | L/180 |
| Wall Panel: | L/90 |

D = bolt diameter

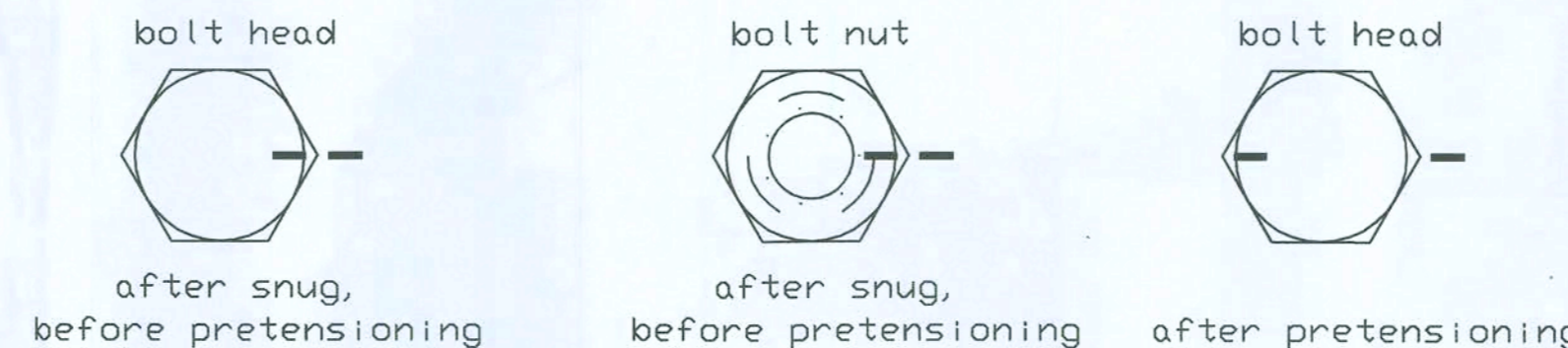
Bolt length is measured from the end of the bolt to the underside of the bolt head.

If the slope under the bolt head or nut exceeds 1:20, a matching beveled washer must be used to compensate for the slope.

If the bolt length exceeds 12D, testing must be conducted in a Skidmore-Wilhelm (or similar) device to establish the required rotation.

Pretensioning Turn-of-the-Nut Method TURNING the BOLT HEAD

- (1.) Snug the joint to bring the connected plies into firm contact. Apply a few impacts with an impact wrench (until solid sound) or apply full effort on a spud wrench.
- (2.) Inspect the joint to verify that the snug condition, with firm contact, has been achieved.
- (3.) Matchmark each bolt and steel surface in a straight line, going across a corner of the bolt head. Also matchmark a nut corner and the steel on the side opposite the impact wrench (Note: 1/2 turn illustrated.)



- (4.) One worker must hold the nut as the bolt head is turned.
- (5.) Using a systematic approach apply the required turns as given in the Table above.
- (6.) Using visual inspection, verify by using the bolt head matchmarks that the required rotation has been applied to the bolt as required by the Tables. Also, verify by using the nut matchmarks that the nut did not turn during tightening.

CODE CRITERIA:

| | |
|--------------------------|--------|
| Building Code: | FBC 04 |
| Hot-Rolled Steel Spec.: | AISC89 |
| Cold-Formed Steel Spec.: | NAUS01 |

DEAD LOADS:

| | |
|-----------------------|-----------|
| Frame Self Weight: | Included |
| Roof Dead Load: | 2.000 psf |
| Roof Collateral Load: | 0 psf |

LIVE LOADS:

| | |
|---------------------------|-----------|
| Roof Live Load: | 20.00 psf |
| Rigid Frame Live Load: | 12 psf |
| Left End Wall Live Load: | 20 psf |
| Right end wall live Load: | 20 psf |

SNOW LOAD:

| | |
|----------------------|-------|
| Ground Snow Load Pg: | 0 psf |
| Roof Snow Load Pf: | 0 psf |
| Importance Factor: | 1.0 |
| Exposure Factor Ce: | 1.0 |
| Thermal Factor Ct: | 1.0 |

WIND LOAD:

| | |
|--------------------------|-------------|
| Wind Speed (3 sec gust): | 110 mph/psf |
| Importance Factor: | 1.00 |
| Exposure Factor: | B |
| Wind Condition: | Closed |
| Edge Zone Width: | 6.0 |
| Internal Press. Coeff: | 0.180 |

SEISMIC LOAD:

| | |
|--------------------------------------|--------------------------|
| Seismic Use Group: | I |
| Importance Factor: | 1.00 |
| Structural Response Acceleration Ss: | 0.1220 |
| Structural Response Acceleration s1: | 0.0620 |
| Design Spectral Response Sds: | 0.200 |
| Design Spectral Response Sd1: | 0.0992 |
| Seismic Site Class: | D (assumed) |
| Seismic Zone/Design Category: | B |
| Design Base Shear V per Rigid Frame: | 0.68 kips horiz. |
| Analysis Procedure: | Equivalent Lateral Force |

The certifying engineer herewith is not the engineer of record for the overall project and is only certifying that the design of the metal building components furnished by the metal building manufacturer satisfy the design requirements specified above. This certification excludes the erection of the structure.



PO BOX 207
ADEL, GEORGIA 31620

ENGINEER SEAL:

WJ BBL

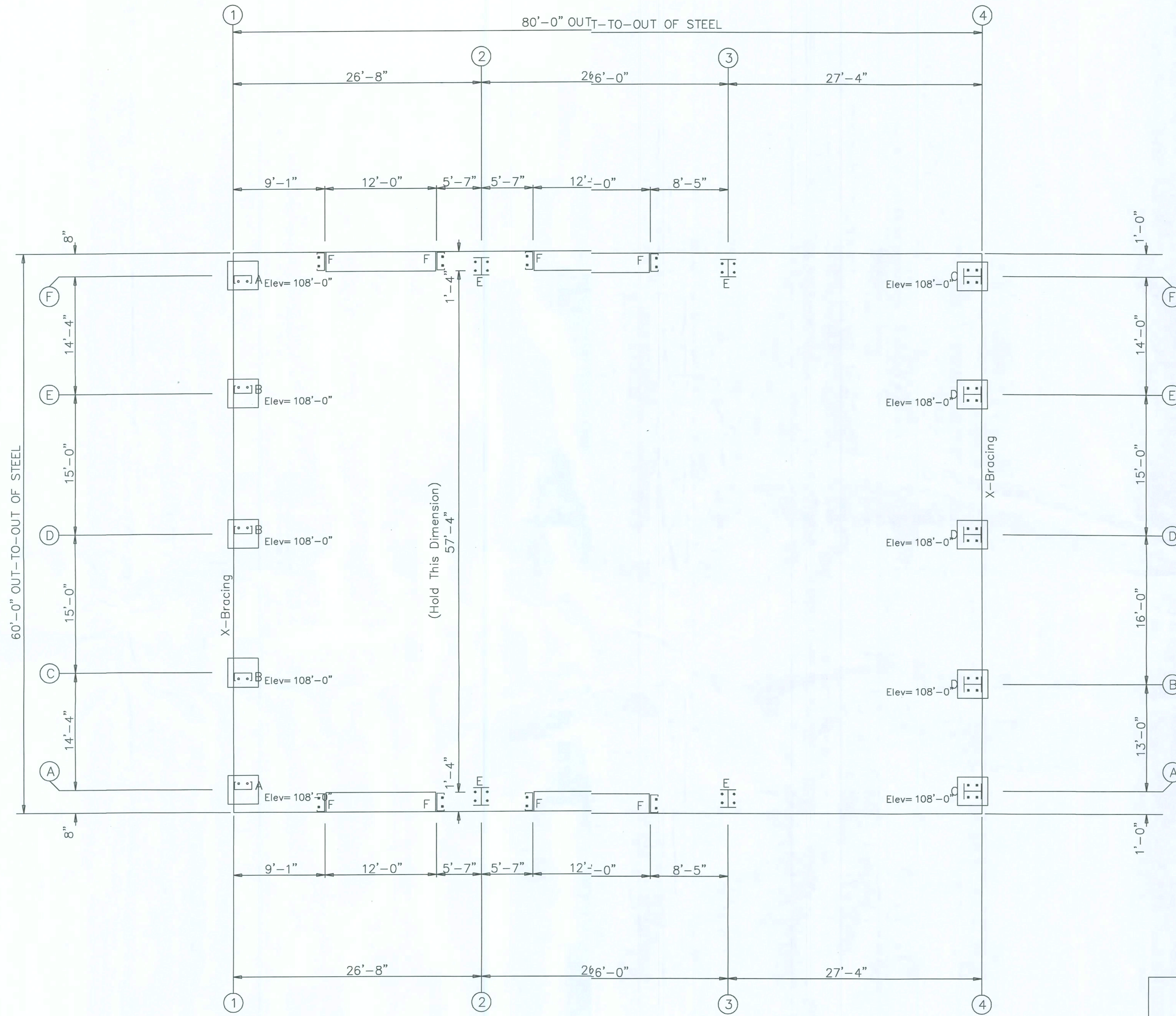
design by: 4-15-08
WAYNE BRAD BAKER P.E.
METAL BUILDING SPECIALTY ENGINEER
3306 Kentshire Drive
Valdosta, Ga 31605

| REVISION | |
|----------|-------------|
| DATE: | DESCRIPTION |
| | |
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| | |

| | | | |
|----------------|---------|-----------|--|
| SCALE: | DATE: | DRAWN BY: | DRAWING SUBMITTAL STATUS |
| N. T. S. | 4/11/08 | MBS | () FOR CONSTRUCTION () FOR APPROVAL (X) FOR PERMIT ONLY () FOR PRELIMINARY |
| BUILDING SIZE: | | | |
| 60 x 80 x 18 | | | |

| | |
|--|---------|
| TITLE/LOCATION | JOB # |
| CS 60 x 80 x 18 Ft. White, FL 32038 | 6338R11 |
| PLAN: | SHEET |
| PROJECT COVER SHEET | 1 OF 13 |

- Dia= 1/2"
- ⊗ Dia= 5/8"
- ⊕ Dia= 3/4"



ANCHOR BOLT PLAN
NOTE: All Base Plates @ 100'-0" (U.N.)


ELITE STRUCTURES
 A DIVISION OF
ELITE CONTRACTING INC.
 PO BOX 207
 ADEL, GEORGIA 31620

ENGINEER SEAL:

W. B. Baker

design by: 4-15-08

WAYNE BRAD BAKER P.E.
 METAL BUILDING SPECIALTY ENGINEER
 3306 Kentshire Drive
 Valdosta, Ga 31605

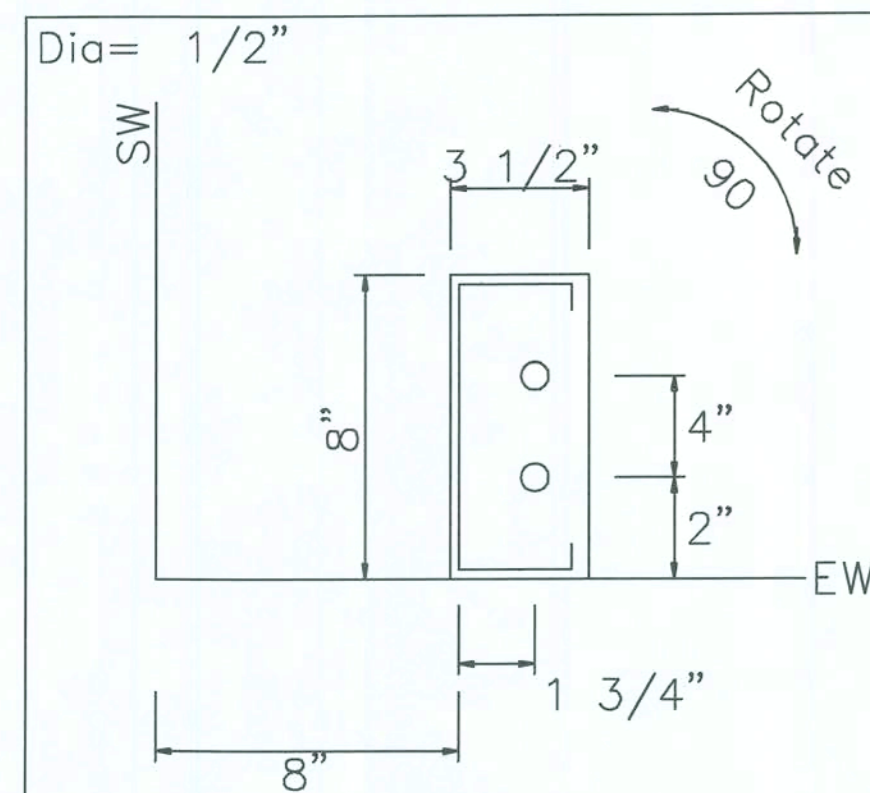
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|----------|-------------|
| DATE: | DESCRIPTION |
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|----------------|---------|-----------|
| SCALE: | DATE: | DRAWN BY: |
| N.T.S. | 4/11/08 | MBS |
| BUILDING SIZE: | | |
| 60 x 80 x 18 | | |

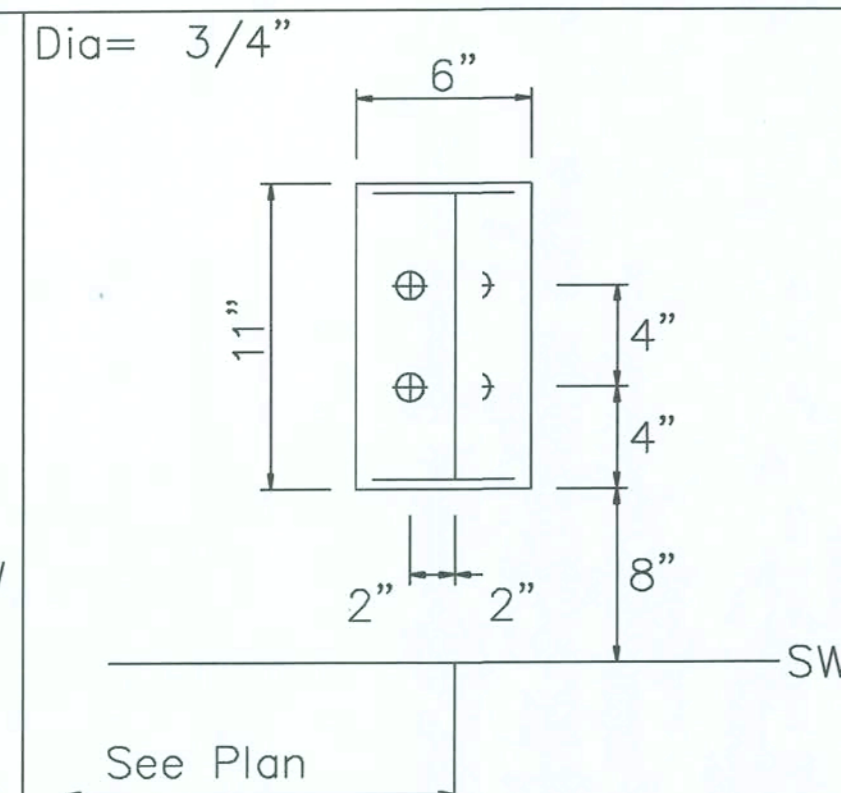
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| TITLE/LOCATION |
| CS 60 x 80 x 18 Ft. White, FL 32038 |
| PLAN: |
| ANCHOR BOLT PLAN |

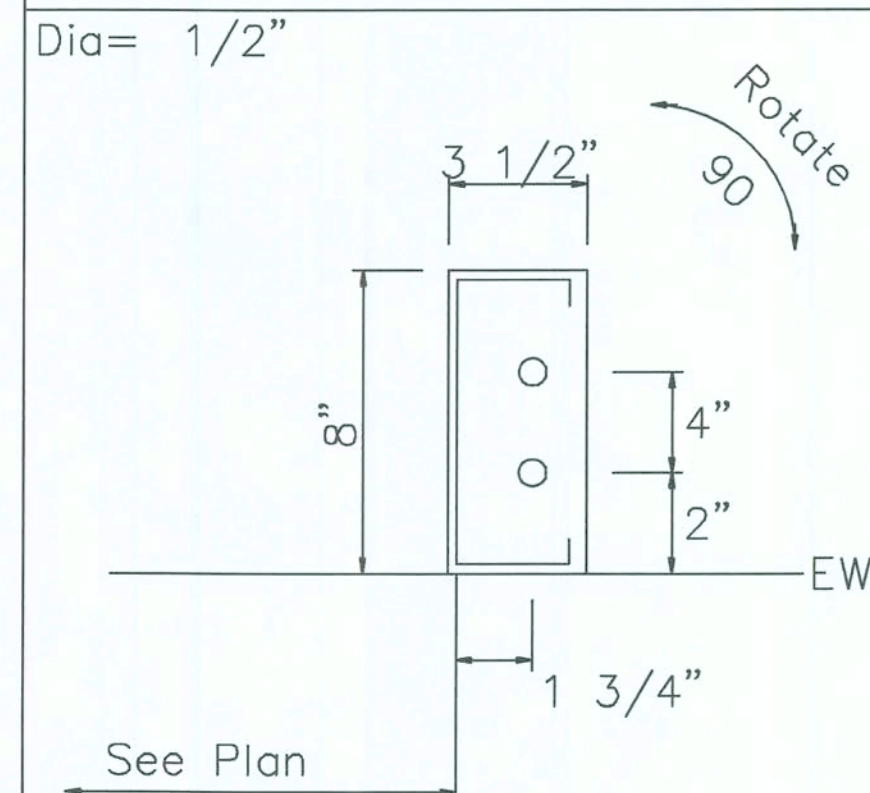
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| JOB # |
| 6338R11 |
| SHEET |
| 2 OF 13 |



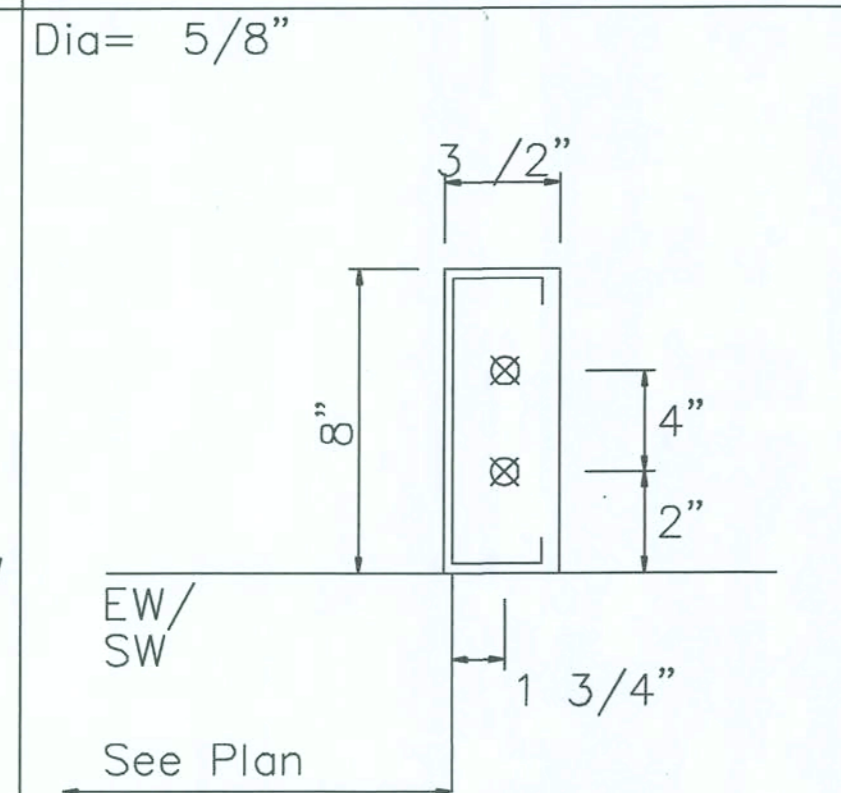
DETAIL A Base EL. 108'-0"



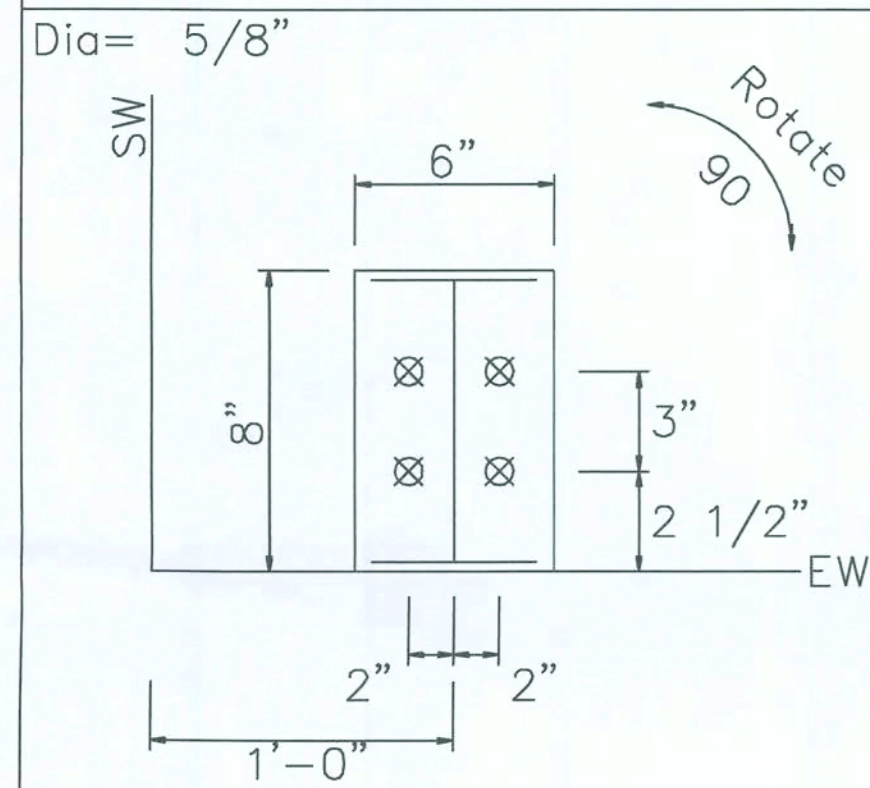
DETAIL E



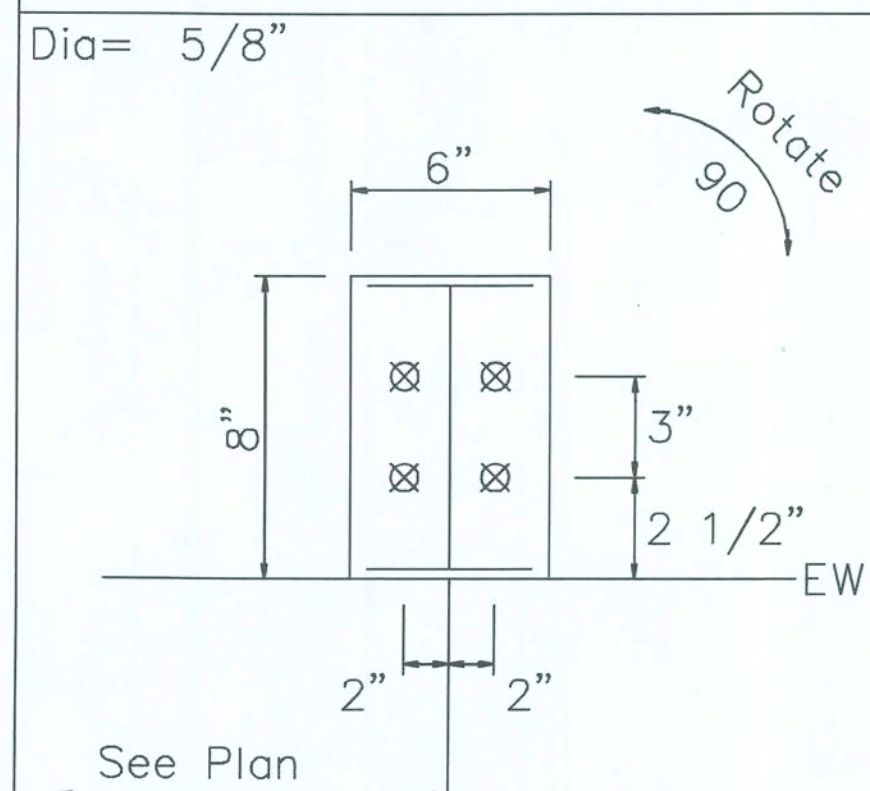
DETAIL B Base EL. 108'-0"



DETAIL F



DETAIL C Base EL. 108'-0"



DETAIL D Base EL. 108'-0"



ENGINEER SEAL:

Wayne Brad Baker
4-15-08
design by:

WAYNE BRAD BAKER P.E.
METAL BUILDING SPECIALTY ENGINEER
3306 Kentshire Drive
Valdosta, Ga 31605

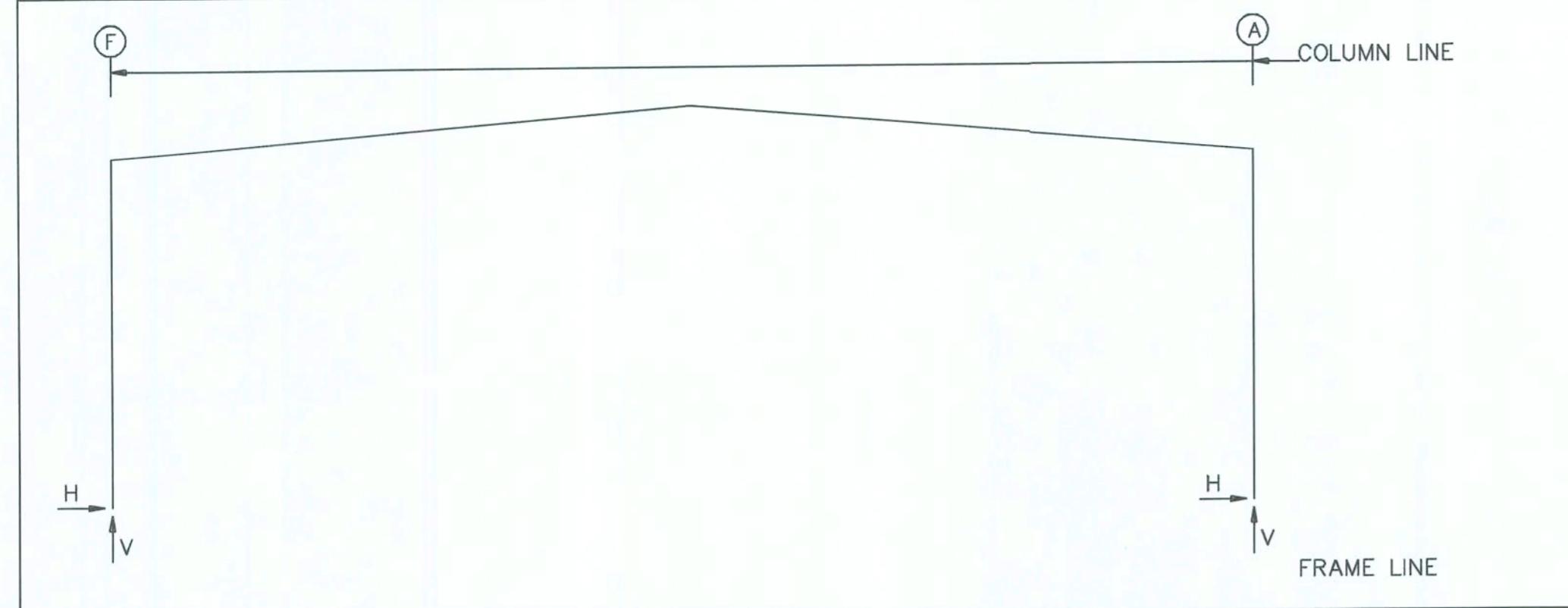
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|----------|-------------|
| DATE | DESCRIPTION |
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|----------------|---------|-----------|
| SCALE: | DATE: | DRAWN BY: |
| N.T.S. | 4/11/08 | MBS |
| BUILDING SIZE: | | |
| 60 x 80 x 18 | | |

| | |
|--------------------------|------------------|
| DRAWING SUBMITTAL STATUS | |
| () | FOR CONSTRUCTION |
| () | FOR APPROVAL |
| (X) | FOR PERMIT ONLY |
| () | FOR PRELIMINARY |

| |
|--|
| TITLE/LOCATION |
| CS 60 x 80 x 18 Ft. White, FL 32038 |
| PLAN: |
| ANCHOR BOLT PLAN |

| |
|---------|
| JOB # |
| 6338R11 |
| SHEET |
| 3 OF 13 |



RIGID FRAME: BASIC COLUMN REACTIONS (k)

| Frame Line | Column Line | Dead | Collateral | Live | Snow | Wind_L1 | Wind_R1 |
|------------|-------------|-------|------------|------|------|---------|---------|
| 2 * F | A | 1.14 | 2.42 | 0.00 | 0.00 | -5.24 | 9.60 |
| 2 * A | F | -1.14 | 2.42 | 0.00 | 0.00 | -5.24 | 9.60 |

ENDWALL COLUMN: REACTIONS

| Frm Line | Col Line | Dead | Live | Wind_L1 | Wind_R1 | Wind_L2 | Wind_R2 | Wind_P | Wind_S | Wind_Ln |
|----------|----------|------|------|---------|---------|---------|---------|--------|--------|---------|
| 1 | F | 0.23 | 1.60 | -1.69 | -0.98 | 0.00 | -1.69 | 0.00 | -0.98 | 0.00 |

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

| Frm Line | Col Line | Load Id | Hmax | Vmax | Anc. Bolt No | Base Plate (in) | Grout (in) |
|----------|----------|---------|------|------|--------------|-----------------|------------|
| 2 * F | 1 | 6.4 | 12.0 | -7.3 | 4 | 0.750 | 6.00 |

NOTES FOR REACTIONS

Building reactions are based on the following building data:

- Width (ft) = 60.0
- Length (ft) = 80.0
- Eave Height (ft) = 18.0 / 18.0
- Roof Slope (rise/12) = 1.0 / 1.0
- Dead Load (psf) = 2.0
- Collateral Load (psf) = 0.0
- Roof Live Load (psf) = 20.0
- Frame Live Load (psf) = 12.0
- Wind Speed (mph) = 110.0
- Wind Code = FBC 04
- Exposure = B
- Closed/Open = C
- Importance Wind = 1.00
- Importance Seismic = 1.00
- Seismic Zone = B
- Seismic Coeff (Fa/Ss) = 0.20

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

| Frm Line | Col Line | Load Id | Hmax | Vmax | Anc. Bolt No | Base Plate (in) | Grout (in) |
|----------|----------|---------|------|------|--------------|-----------------|------------|
| 1 | F | 6 | 0.0 | -1.5 | 2 | 0.500 | 3.500 |

ANCHOR BOLT SUMMARY

| Qty | Loc | Dia (in) | Total Len (in) | Bend Len (in) | Proj (in) |
|-----|-----|----------|----------------|---------------|-----------|
| 16 | DJ | 5/8" | 12.00 | 3.00 | 1.50 |

- Id Description**
- DL+CL+LL
 - 0.60DL+W1
 - 0.60DL+WR1
 - 0.60DL+LnWnd1
 - 0.60DL+LnWnd2
 - 0.60DL+W1+WS
 - 0.60DL+WP+LnWnd1
 - 0.60DL+WR1+WS
 - 1.03DL+1.03CL+0.75LL+0.75SeisL
 - DL+CL+0.75SL+0.75WL2+0.75WS
 - DL+CL+0.75SL+0.75WR2+0.75WS
 - 1.03DL+1.03CL+0.75LL+0.75SeisL

BRACING REACTIONS, PANEL SHEAR

| Wall Loc | Col Line | ± Reactions (k) | Panel Shear (lb/ft) |
|----------|----------|-----------------|---------------------|
| L_EW | 1 | 2.1 | 0.5 |

WIND BENT REACTIONS

| Wall Loc | Col Line | ± Reactions (k) |
|----------|----------|-----------------|
| F_SW | A | 3.67 |

REVISION

| DATE | DESCRIPTION |
|------|-------------|
| | |

SCALE: N.T.S.
 DATE: 4/11/08
 DRAWN BY: MBS
 BUILDING SIZE: 60 x 80 x 18

DRAWING SUBMITTAL STATUS

() FOR CONSTRUCTION
 () FOR APPROVAL
 (X) FOR PERMIT ONLY
 () FOR PRELIMINARY

TITLE/LOCATION
 CS 60 x 80 x 18
 Ft. White, FL 32038

PLAN:
 ANCHOR BOLT PLAN

ENGINEER SEAL:

LITE STRUCTURES
 A DIVISION OF
 LITE CONTRACTING INC.
 PO BOX 207
 ADEL, GEORGIA 31620

JOB #
 6338R11

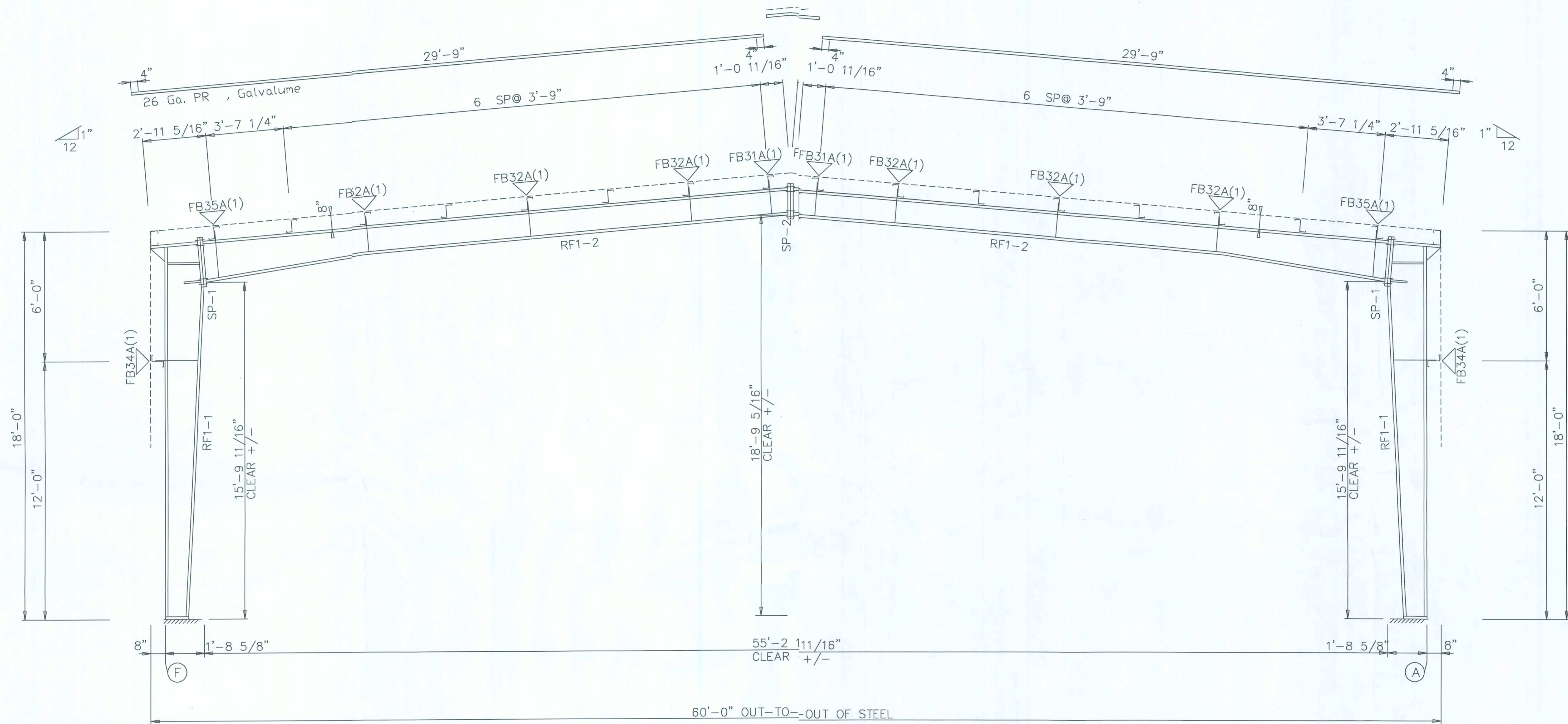
SHEET
 4 OF 13

design by: *W. Brad Baker*
 4-15-08
WAYNE BRAD BAKER P.E.
 METAL BUILDING SPECIALTY ENGINEER
 3306 Kentshire Drive
 Valdosta, Ga 31605

| SPLICE BOLTS | | | | | |
|--------------|---------|-----|------|------|------------|
| Splice Mark | Quan | | Bolt | | |
| | Top/Bot | Int | Type | Dia | Len |
| SP-1 | 4 | 4 | 0 | A325 | 0.750 2.00 |
| SP-2 | 4 | 4 | 0 | A325 | 0.625 1.75 |

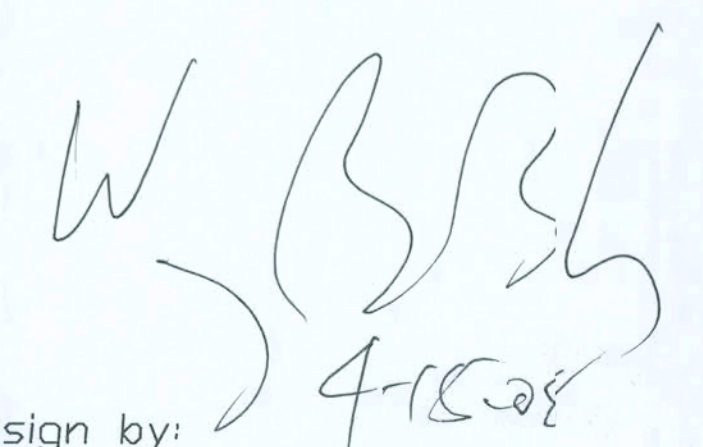
| PIECE | MEMBER SIZE TABLE (in) | | OUTSIDE FLANGE W x T x LEN | INSIDE FLANGE W x T x LEN |
|-------|------------------------|---------------------------|-------------------------------|------------------------------|
| | WEB DEPTH START/END | WEB PLATE THICK LENGTH | | |
| RF1-1 | 10.0/14.8 | 0.134 89.4 | 6x5/16" x 207.8 | 6x5/16" x 185.9 |
| RF1-2 | 14.8/20.0 | 0.134 120.0 | 6x5/16" x 26.2 | |
| | 20.0/13.0 | 0.134 93.4 | 6x1/4" x 240.0 | 6x5/16" x 93.7 |
| | 13.0/12.5 | 0.134 120.0 | 6x1/4" x 93.4 | 6x1/4" x 239.0 |
| | 12.5/12.0 | 0.134 120.0 | | |

FLANGE BRACES: Both Sides(U.N.)
 FBxxA(1): xx=length(in)
 A - L2X2X14G



RIGID FRAME ELEVATION
 FOR FRAME LINE 2 3

ELITE STRUCTURES
 A DIVISION OF
 ELITE CONTRACTING INC.
 PO BOX 207
 ADEL, GEORGIA 31620

ENGINEER SEAL:

 design by:
 WAYNE BRAD BAKER P.E.
 METAL BUILDING SPECIALTY ENGINEER
 3306 Kentshire Drive
 Valdosta, Ga 31605

| REVISION | |
|----------|-------------|
| DATE: | DESCRIPTION |
| | |

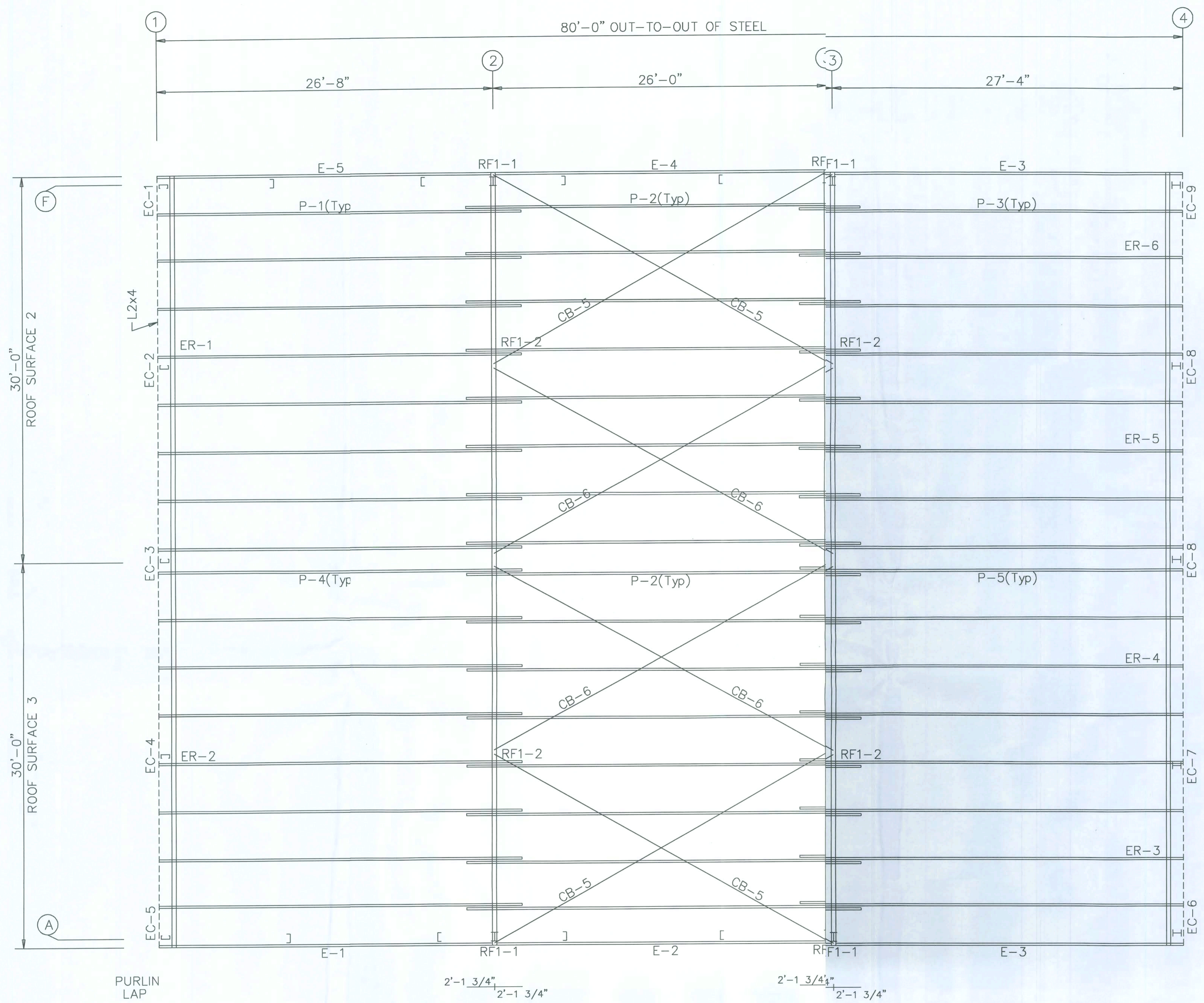
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|--------------------------------|------------------|------------------|
| SCALE: N.T.S. | DATE: 4/11/08 | DRAWN BY: MBS |
| BUILDING SIZE: 60 x 80 x 18 | | |

| |
|--------------------------|
| DRAWING SUBMITTAL STATUS |
| () FOR CONSTRUCTION |
| () FOR APPROVAL |
| (X) FOR PERMIT ONLY |
| () FOR PRELIMINARY |

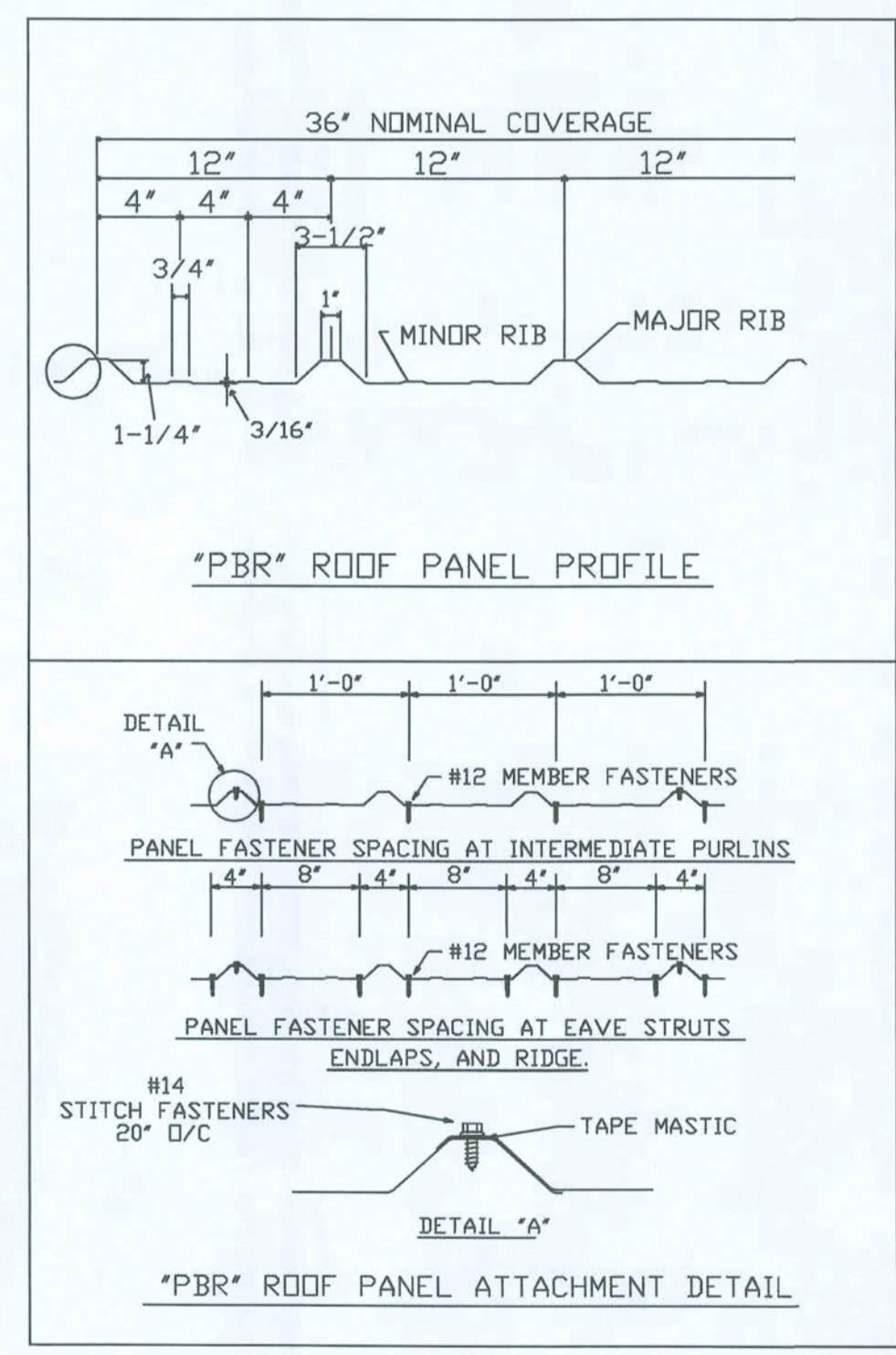
| |
|--|
| TITLE/LOCATION CS 60 x 80 x 18 Ft. White, FL 32038 |
| PLAN: RIGID FRAME ELEVATION |

| |
|------------------|
| JOB # 6338R11 |
| SHEET 5 OF 13 |

| MEMBER TABLE | |
|--------------|---------|
| ROOF PLAN | |
| MARK | PART |
| P-1 | 8X25Z12 |
| P-2 | 8X25Z12 |
| P-3 | 8X25Z12 |
| P-4 | 8X25Z12 |
| P-5 | 8X25Z12 |
| E-1 | 8ES14L1 |
| E-2 | 8ES14L1 |
| E-3 | 8ES14L1 |
| E-4 | 8ES14L1 |
| E-5 | 8ES14L1 |
| CB-5 | 3/8_CBL |
| CB-6 | 1/4_CBL |



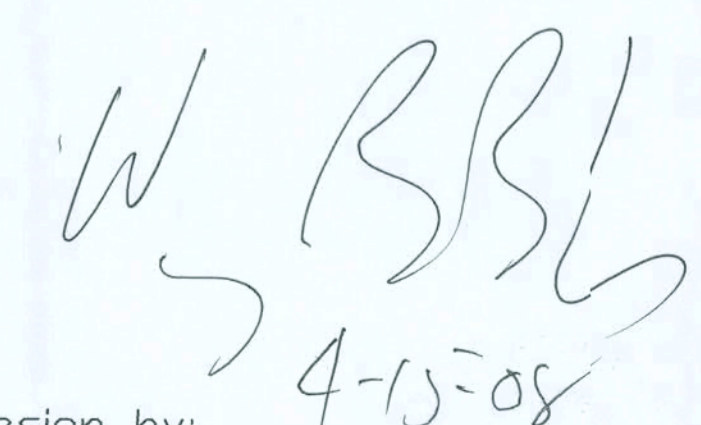
ROOF FRAMING PLAN



29'-9" (27)

ROOF SHEETING
 PANELS: 26 Gal. PR
 Galvalume

ELITE STRUCTURES
 A DIVISION OF
ELITE CONTRACTING INC.
 PO BOX 207
 ADEL, GEORGIA 31620

ENGINEER SEAL:

 design by:
 WAYNE BRAD BAKER P.E.
 METAL BUILDING SPECIALTY ENGINEER
 3306 Kentshire Drive
 Valdosta, Ga 31605

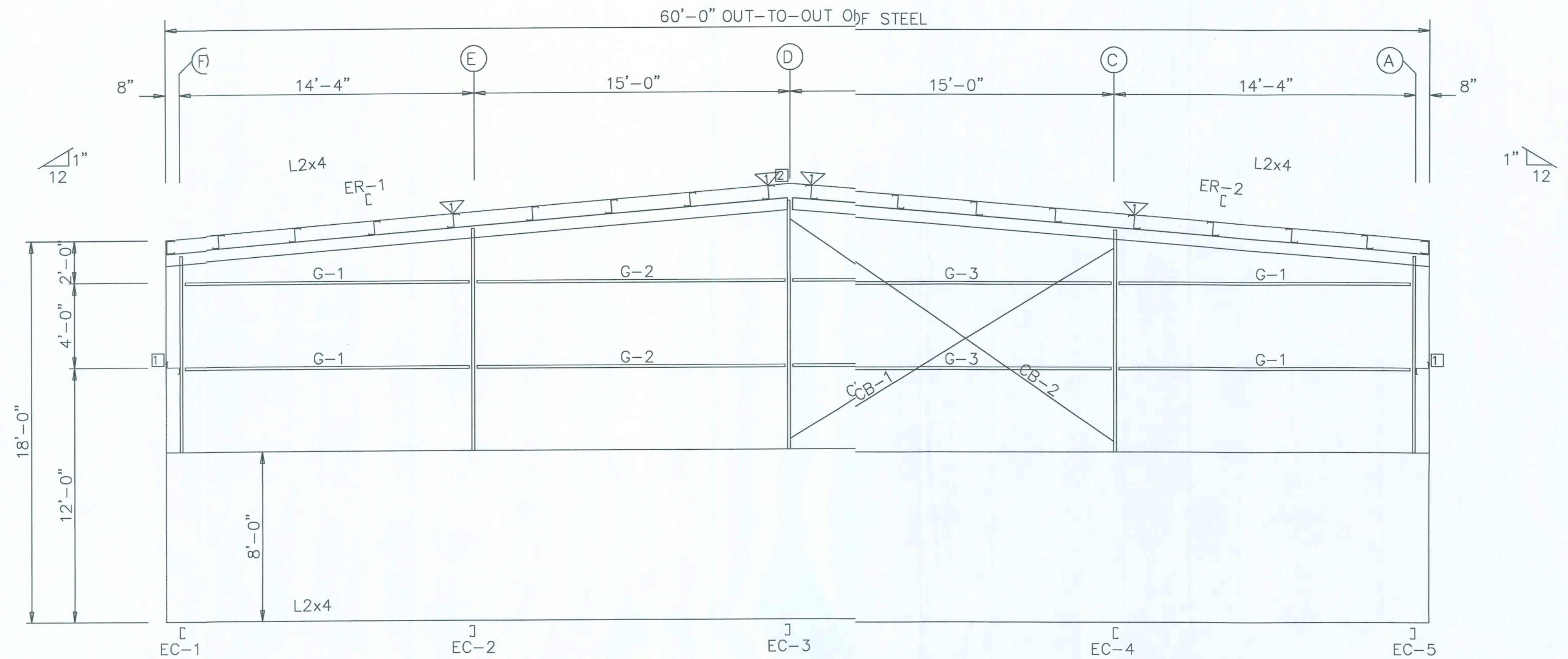
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| DATE: | DESCRIPTION |
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|--------------------------------|------------------|------------------|
| SCALE: N.T.S. | DATE: 4/11/08 | DRAWN BY: MBS |
| BUILDING SIZE: 60 x 80 x 18 | | |

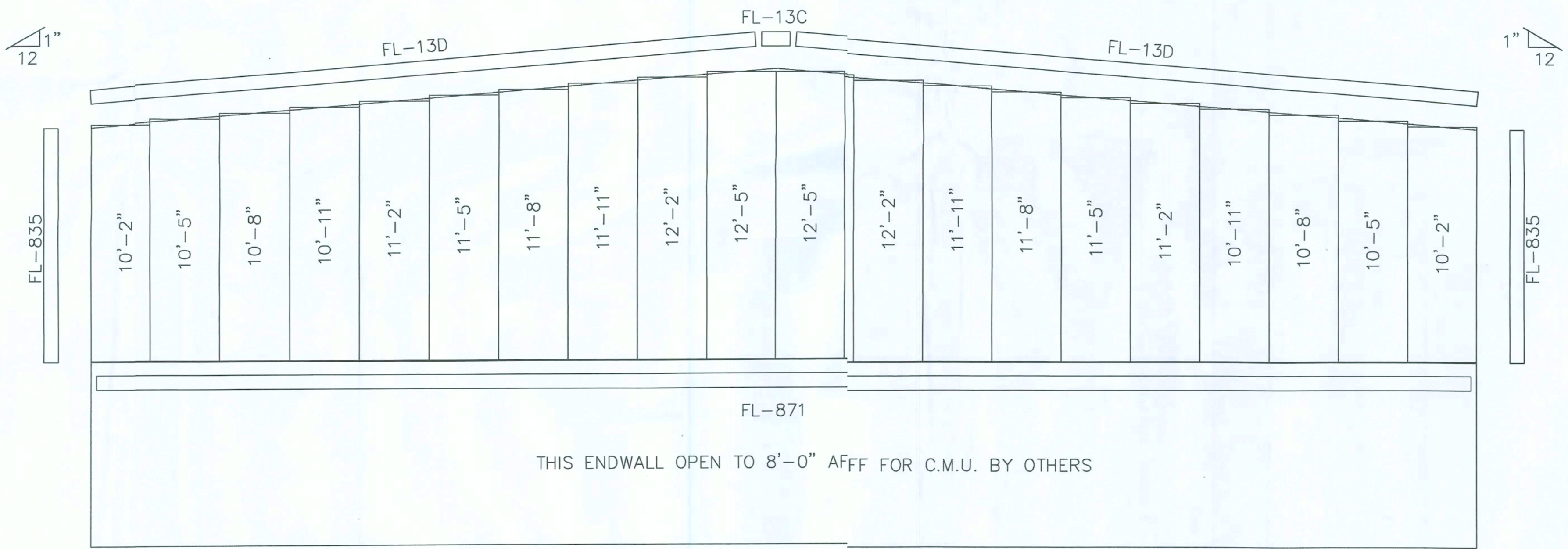
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| DRAWING SUBMITTAL STATUS |
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| () FOR APPROVAL |
| (X) FOR PERMIT ONLY |
| () FOR PRELIMINARY |

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|--|
| TITLE/LOCATION CS 60 x 80 x 18 Ft. White, Fl 32038 |
| PLAN: ROOF FRAMING |

| |
|------------------|
| JOB # 6338R11 |
| SHEET 6 OF 13 |



ENDWALL FRAMING: FRAME LINE 1



THIS ENDWALL OPEN TO 8'-0" AFF FOR C.M.U. BY OTHERS

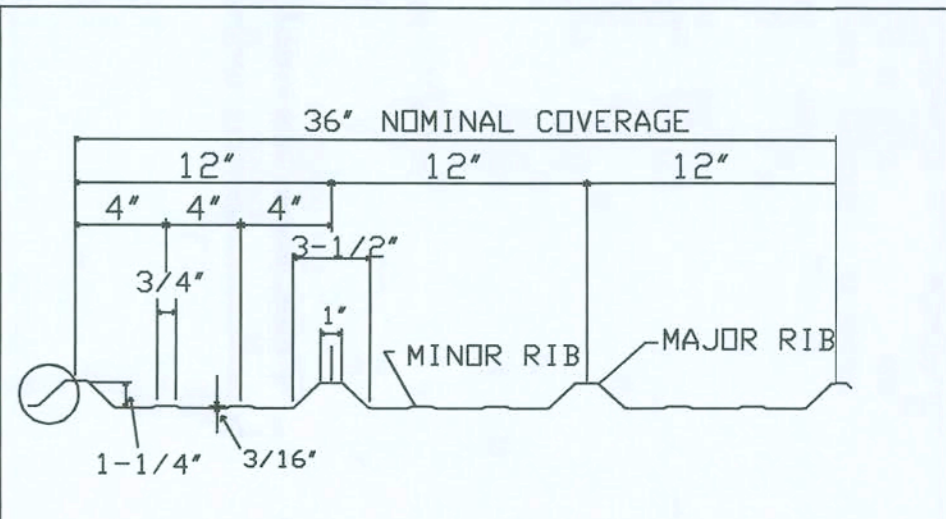
ENDWALL SHEETING & TRIM: FRAME LINE 1
PANELS: 26 Ga. PR - NEEDED COLOR

| BOLT TABLE | | | | |
|--------------|------|------|------|--------|
| FRAME LINE 1 | | | | |
| LOCATION | QUAN | TYPE | DIA | LENGTH |
| ER-1/ER-2 | 4 | A325 | 5/8" | 1 1/4" |
| Columns | 2 | A325 | 5/8" | 1 1/2" |

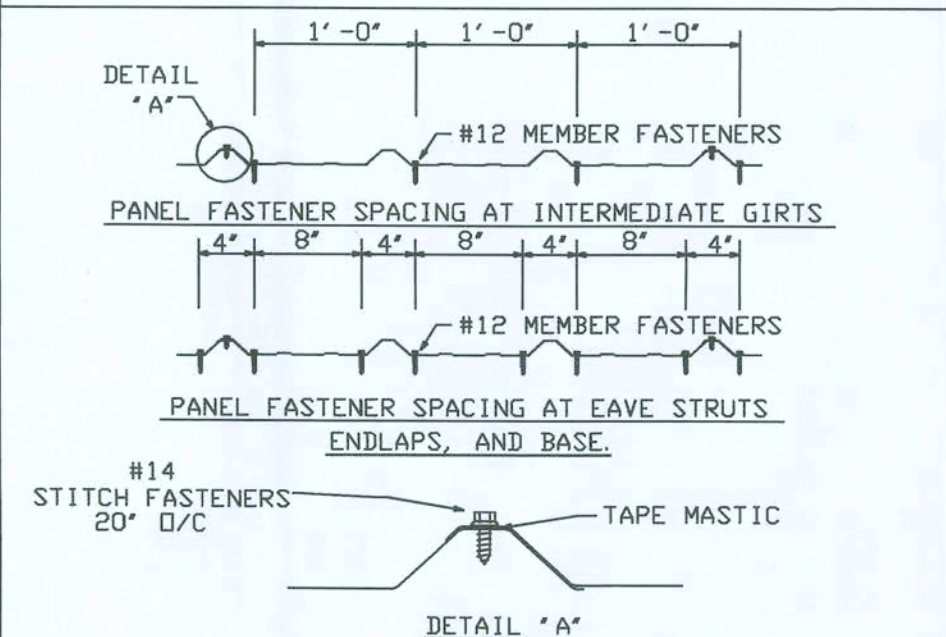
| FLANGE BRACE TABLE | | |
|--------------------|------|--------|
| FRAME LINE 1 | | |
| VID | MARK | LENGTH |
| 1 | FB34 | 2'-10" |

| CONNECTION PLATES | |
|-------------------|-----------|
| FRAME LINE 1 | |
| ID | MARK/PART |
| 1 | L4x2x14g |
| 2 | p1 |

| MEMBER TABLE | |
|--------------|---------|
| FRAME LINE 1 | |
| MARK | PART |
| EC-1 | 8X35C14 |
| EC-2 | 8X35C14 |
| EC-3 | 8X35C14 |
| EC-4 | 8X35C14 |
| EC-5 | 8X35C14 |
| ER-1 | 8X35C12 |
| ER-2 | 8X35C12 |
| G-1 | 8X25Z16 |
| G-2 | 8X25Z16 |
| G-3 | 8X25Z16 |
| CB-1 | 1/4_CBL |
| CB-2 | 1/4_CBL |



PBR WALL PANEL PROFILE



PBR WALL PANEL ATTACHMENT DETAIL

ELITE STRUCTURES
A DIVISION OF
ELITE CONTRACTING INC.

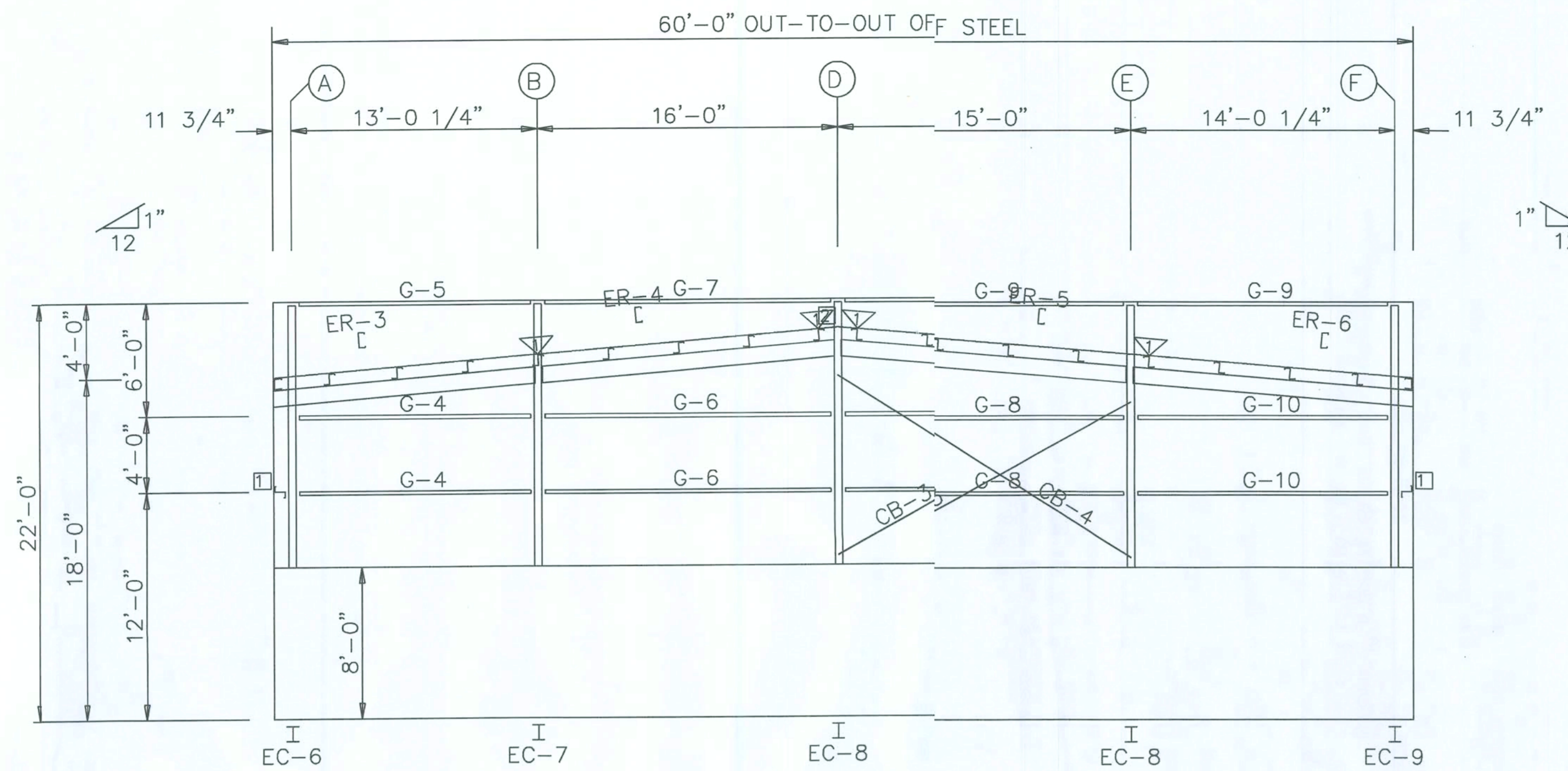
PO BOX 207
ADEL, GEORGIA 31620

ENGINEER SEAL:

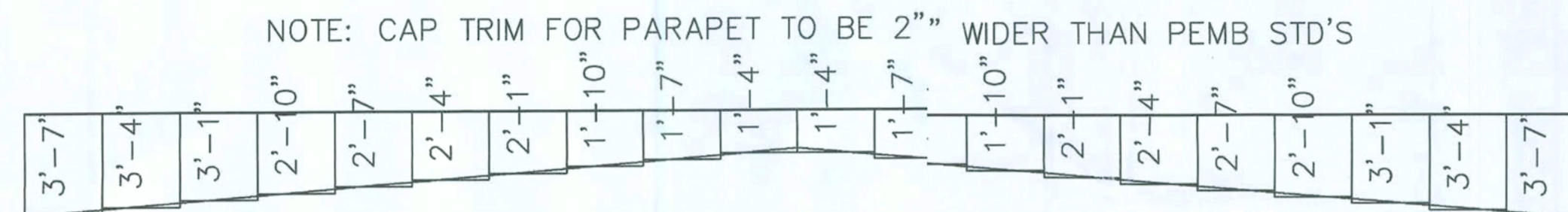
W. Brad Baker

design by:
WAYNE BRAD BAKER P.E.
METAL BUILDING SPECIALTY ENGINEER
3306 Kentshire Drive
Valdosta, Ga 31605

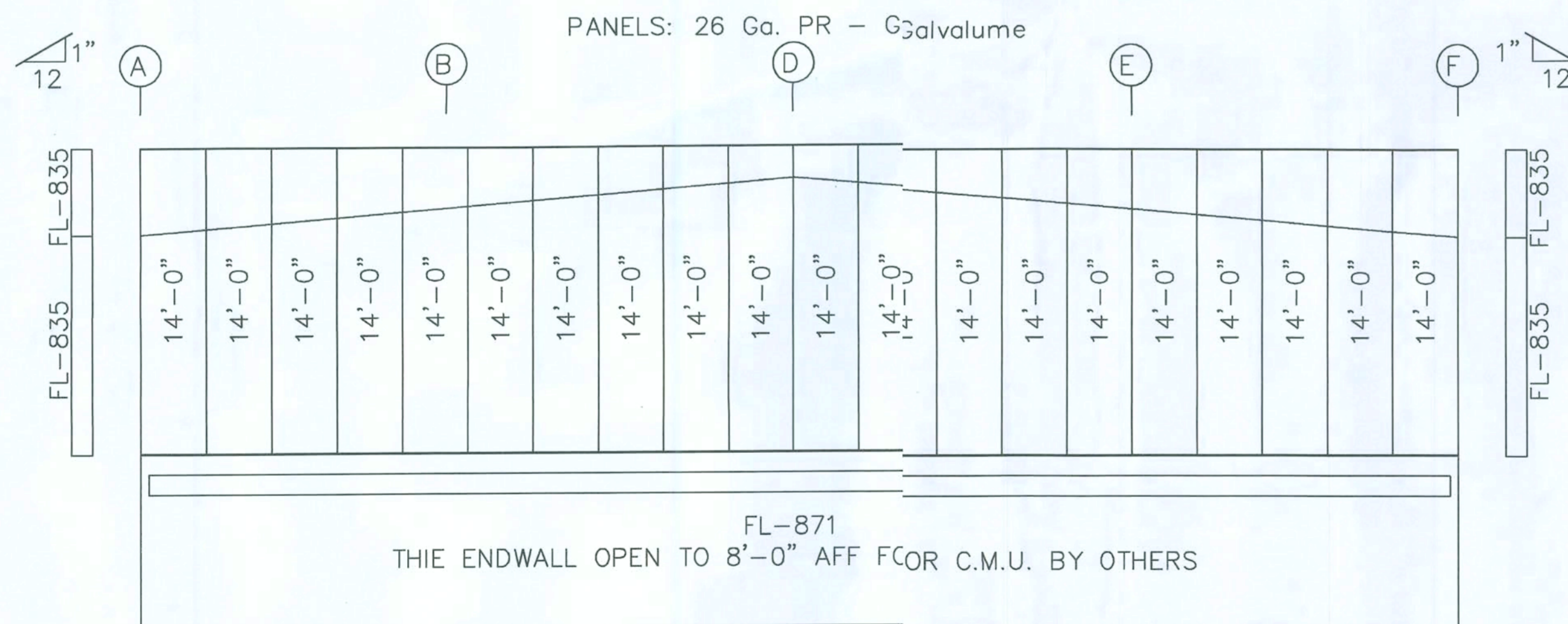
| REVISION | | SCALE: | DATE: | DRAWN BY: | DRAWING SUBMITTAL STATUS | TITLE/LOCATION | JOB # |
|----------|-------------|----------------|---------|-----------|--|--|----------|
| DATE: | DESCRIPTION | N. T. S. | 4/11/08 | MBS | () FOR CONSTRUCTION () FOR APPROVAL (X) FOR PERMIT ONLY () FOR PRELIMINARY | CS 60 x 80 x 18 Ft. White, FL 32038 | 6338R11 |
| | | BUILDING SIZE: | | | | PLAN: | SHEET OF |
| | | 60 x 80 x 18 | | | | ENDWALL FRAMING | 7 13 |



ENDWALL FRAMING: FRAME LINE 4



PARAPET BACK SHEETING & TRIM: LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4

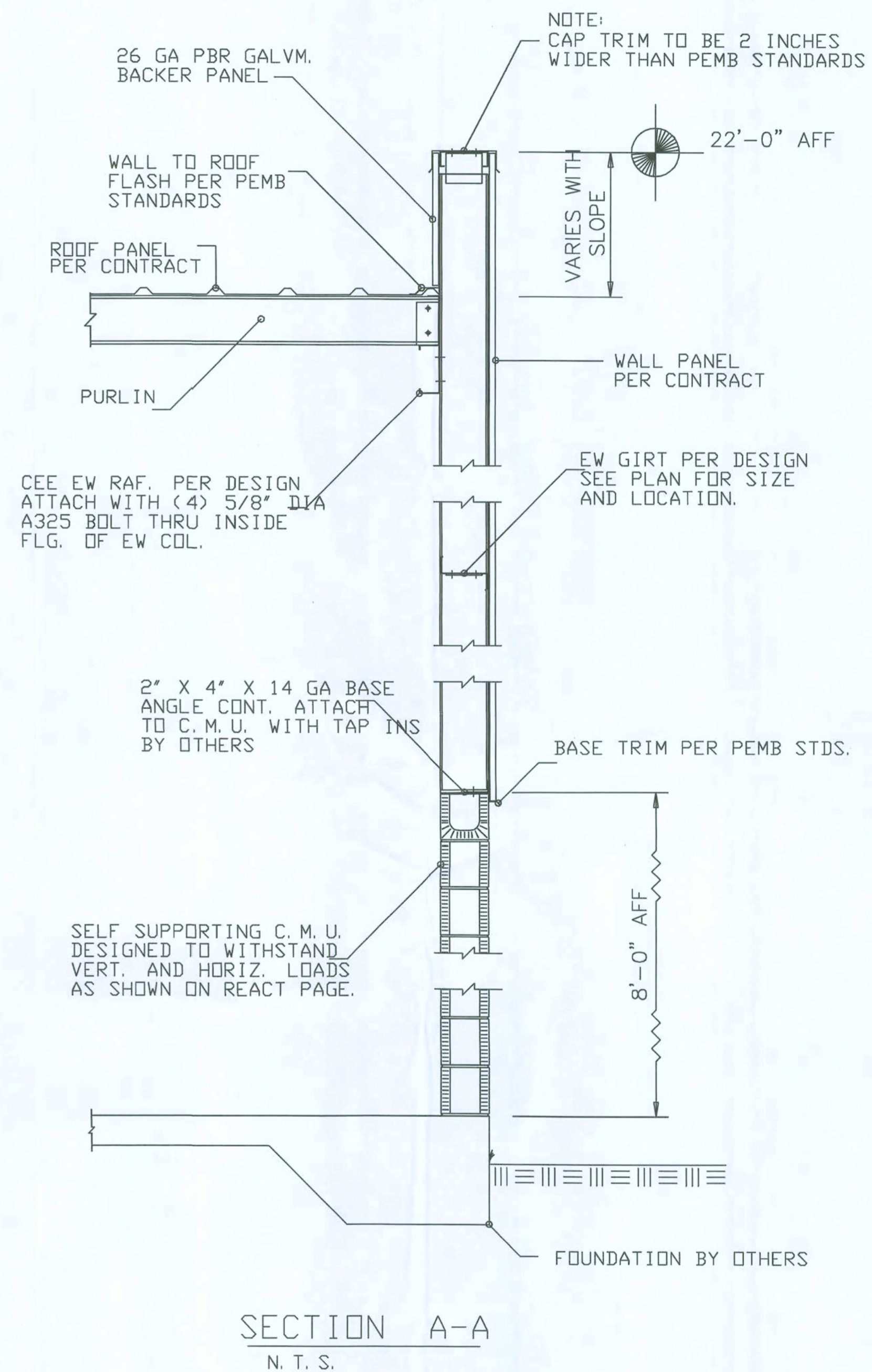
PANELS: 26 Ga. PR - NEED COLOR

| BOLT TABLE FRAME LINE 4 | | | | |
|----------------------------|------|------|------|--------|
| LOCATION | QUAN | TYPE | DIA | LENGTH |
| ER-3/ER-4 | 2 | A325 | 5/8" | 1 1/4" |
| ER-4/ER-5 | 4 | A325 | 5/8" | 1 1/4" |
| ER-5/ER-6 | 2 | A325 | 5/8" | 1 1/4" |
| Columns | 2 | A325 | 5/8" | 1 1/2" |

| FLANGE BRACE TABLE FRAME LINE 4 | | |
|------------------------------------|------|--------|
| VID | MARK | LENGTH |
| 1 | FB34 | 2'-10" |

| CONNECTION PLATES FRAME LINE 4 | | |
|-----------------------------------|-----------|--|
| ID | MARK/PART | |
| 1 | L4x2x1/4g | |
| 2 | p2 | |

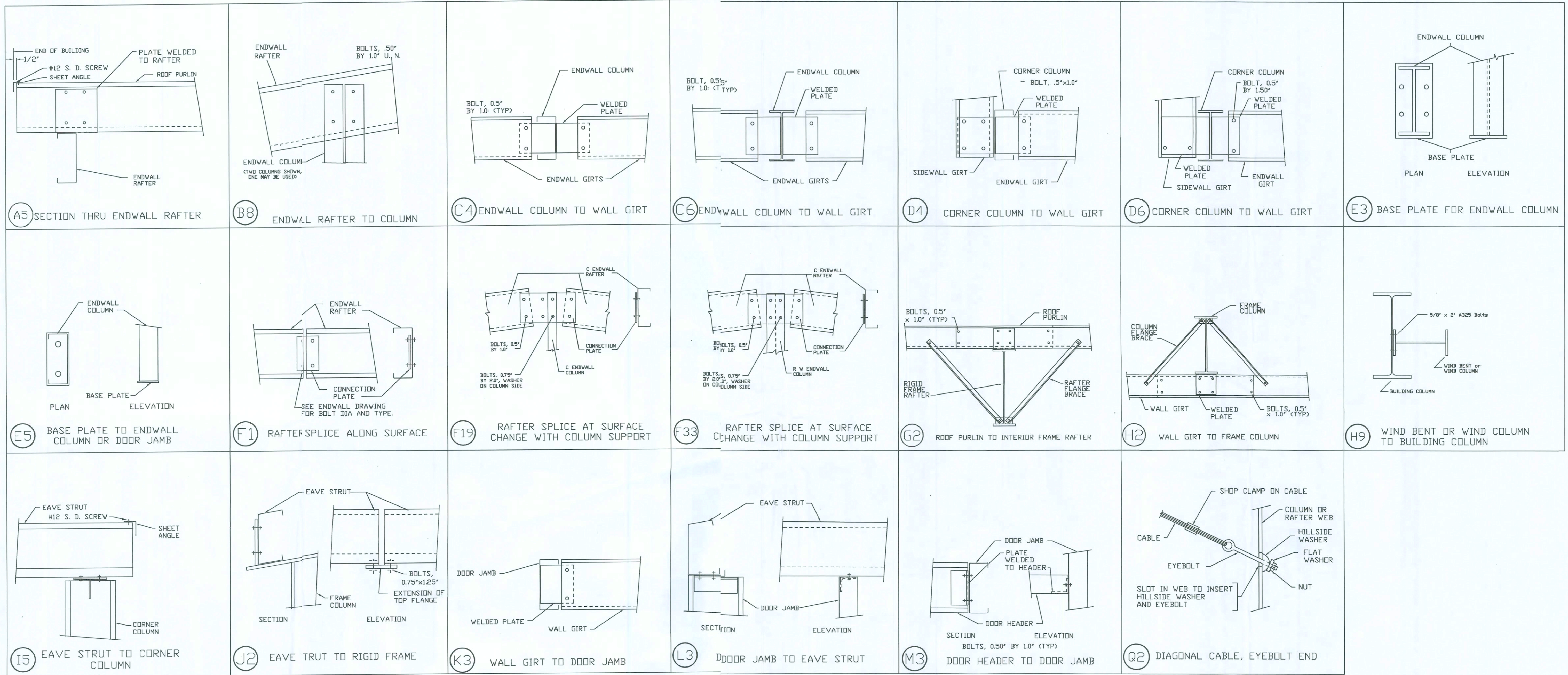
| MEMBER TABLE FRAME LINE 4 | |
|------------------------------|---------|
| MARK | PART |
| EC-6 | W8x10 |
| EC-7 | W8x10 |
| EC-8 | W8x10 |
| EC-9 | W8x10 |
| ER-3 | 8X35C12 |
| ER-4 | 8X35C12 |
| ER-5 | 8X35C12 |
| ER-6 | 8X35C12 |
| G-4 | 8X25Z16 |
| G-5 | 8X25C16 |
| G-6 | 8X25Z16 |
| G-7 | 8X25C16 |
| G-8 | 8X25Z16 |
| G-9 | 8X25C16 |
| G-10 | 8X25Z16 |
| CB-3 | 1/4_CBL |
| CB-4 | 1/4_CBL |



SECTION A-A
N. T. S.

| | |
|---|--|
| ELITE CONTRACTING INC. PO BOX 207 ADEL, GEORGIA 31620 | ENGINEER SEAL: |
| | design by: WAYNE BRAD BAKER P.E. METAL BUILDING SPECIALTY ENGINEER 3306 Kentshire Drive Valdosta, Ga 31605 |
| JOB # | 6338R11 |
| SHEET | 8 OF 13 |

| REVISION | | SCALE: | DATE: | DRAWN BY: | DRAWING SUBMITTAL STATUS | TITLE/LOCATION |
|----------|-------------|----------------|---------|-----------|--|--|
| DATE: | DESCRIPTION | N. T. S. | 4/11/08 | MBS | () FOR CONSTRUCTION () FOR APPROVAL (X) FOR PERMIT ONLY () FOR PRELIMINARY | CS 60 x 80 x 18 Ft. White, FL 32038 |
| | | BUILDING SIZE: | | | | PLAN: |
| | | 60 x 80 x 18 | | | | ENDWALL FRAMING |



| REVISION | |
|----------|-------------|
| DATE: | DESCRIPTION |
| | |
| | |

| | | |
|----------------|---------|-----------|
| SCALE: | DATE: | DRAWN BY: |
| N.T.S. | 4/11/08 | MBS |
| BUILDING SIZE: | | |
| 60 x 80 x 18 | | |

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|--------------------------|
| DRAWING SUBMITTAL STATUS |
| () FOR CONSTRUCTION |
| () FOR APPROVAL |
| (//) FOR PERMIT ONLY |
| () FOR PRELIMINARY |

| |
|---------------------|
| TITLE/LOCATION |
| CS 60 x 80 x 18 |
| Ft. White, FL 32038 |
| PLAN: |
| Detail Page |

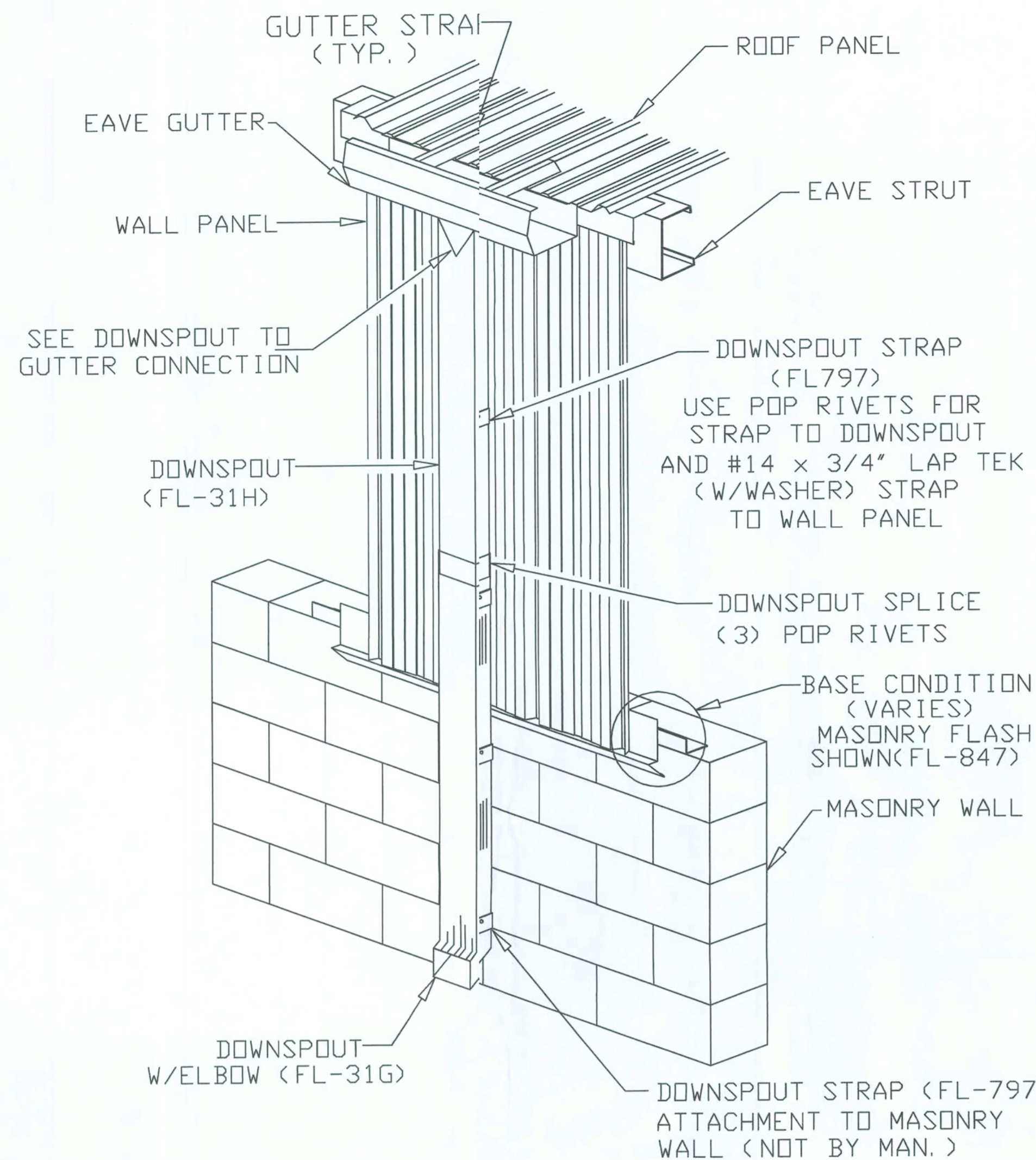
| |
|--|
| <p>ELITE STRUCTURES A DIVISION OF ELITE CONTRACTING INC.</p> <p>PO BOX 207 ADEL, GEORGIA 31620</p> |
| JOB # |
| 6338R11 |
| SHEET |
| 11 OF 13 |

ENGINEER SEAL:

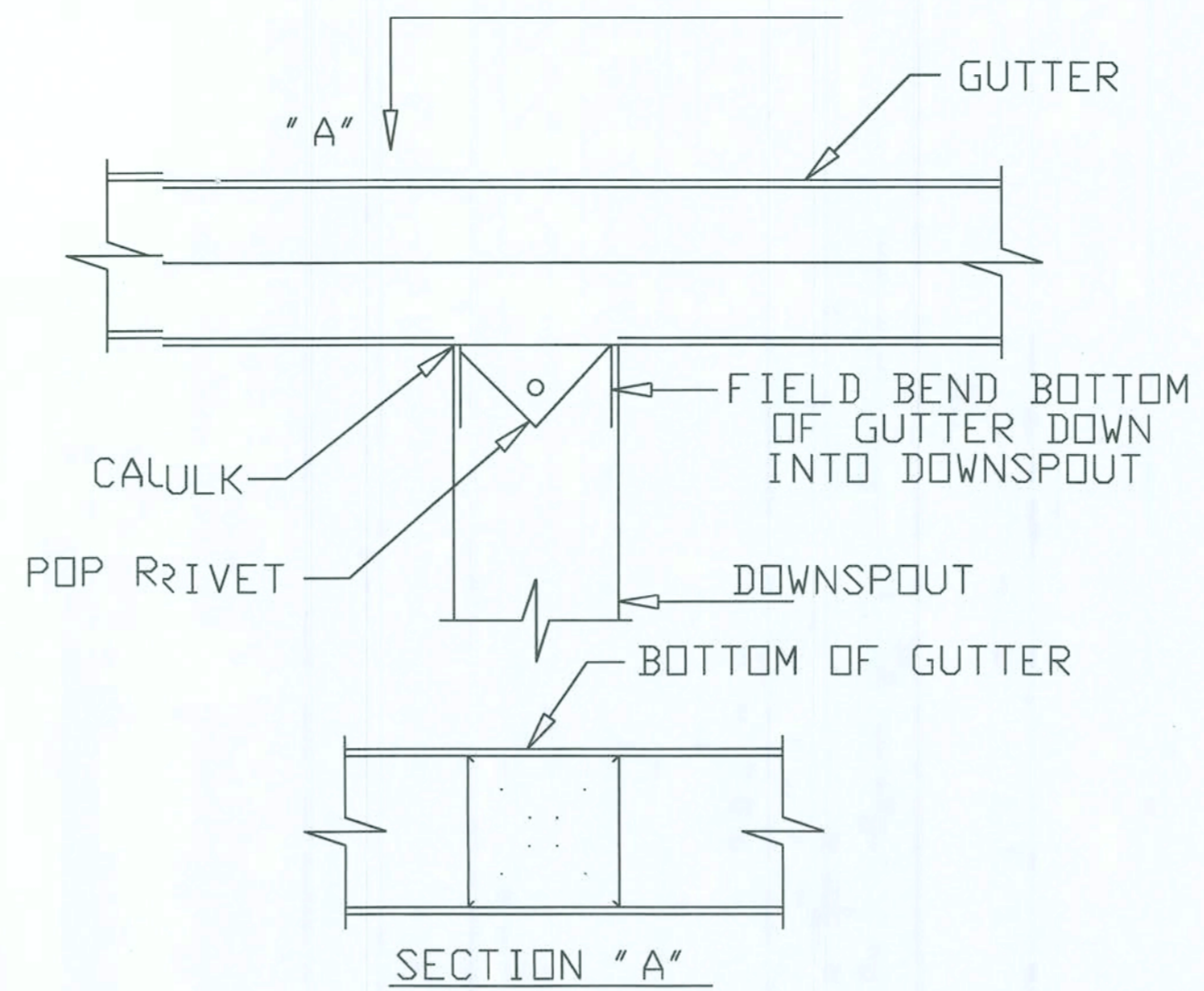
Wayne Brad Baker

design by: 4-15-08

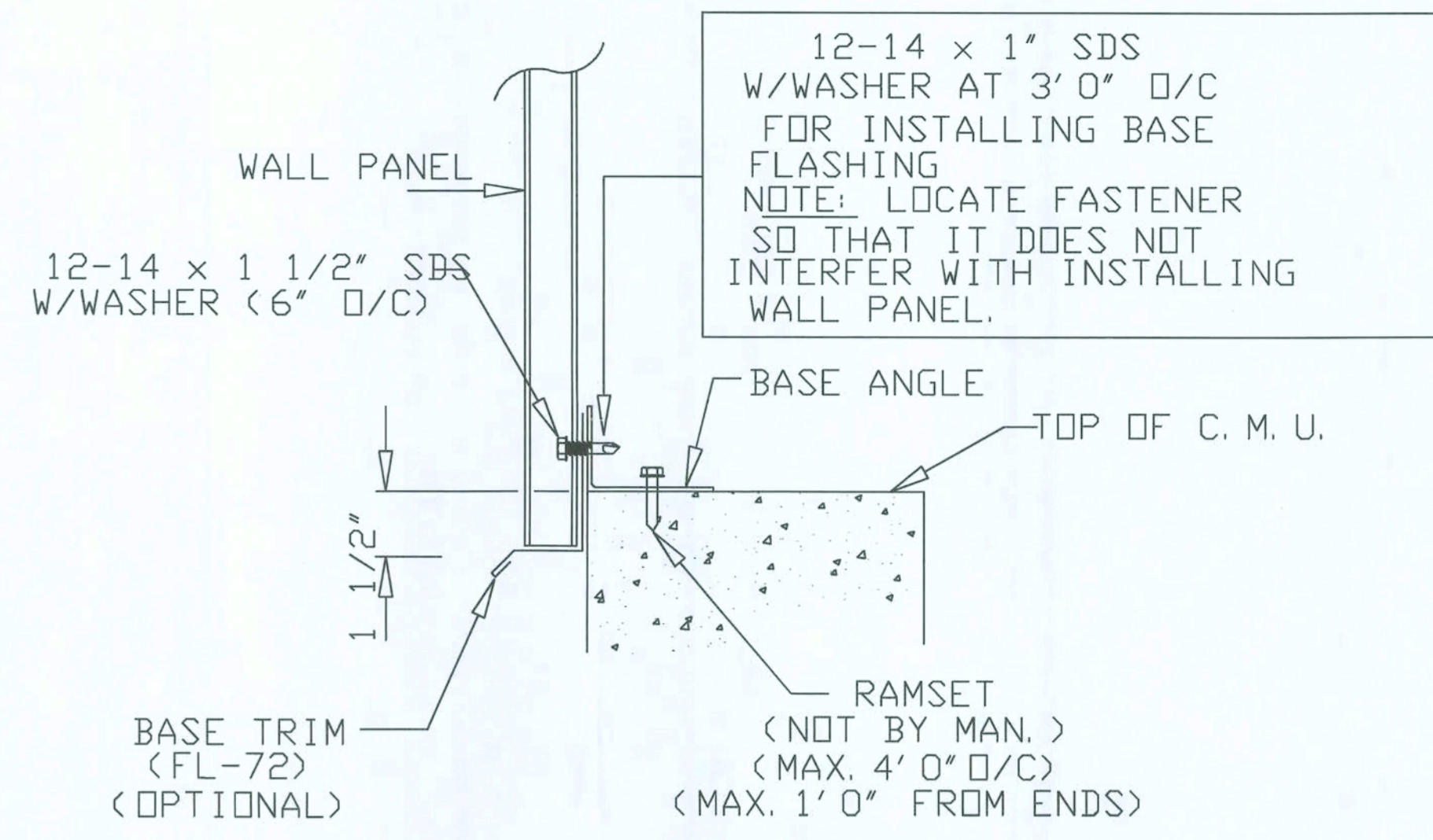
WAYNE BRAD BAKER P.E.
METAL BUILDING SPECIALTY ENGINEER
3306 Kentshire Drive
Valdosta, Ga 31605



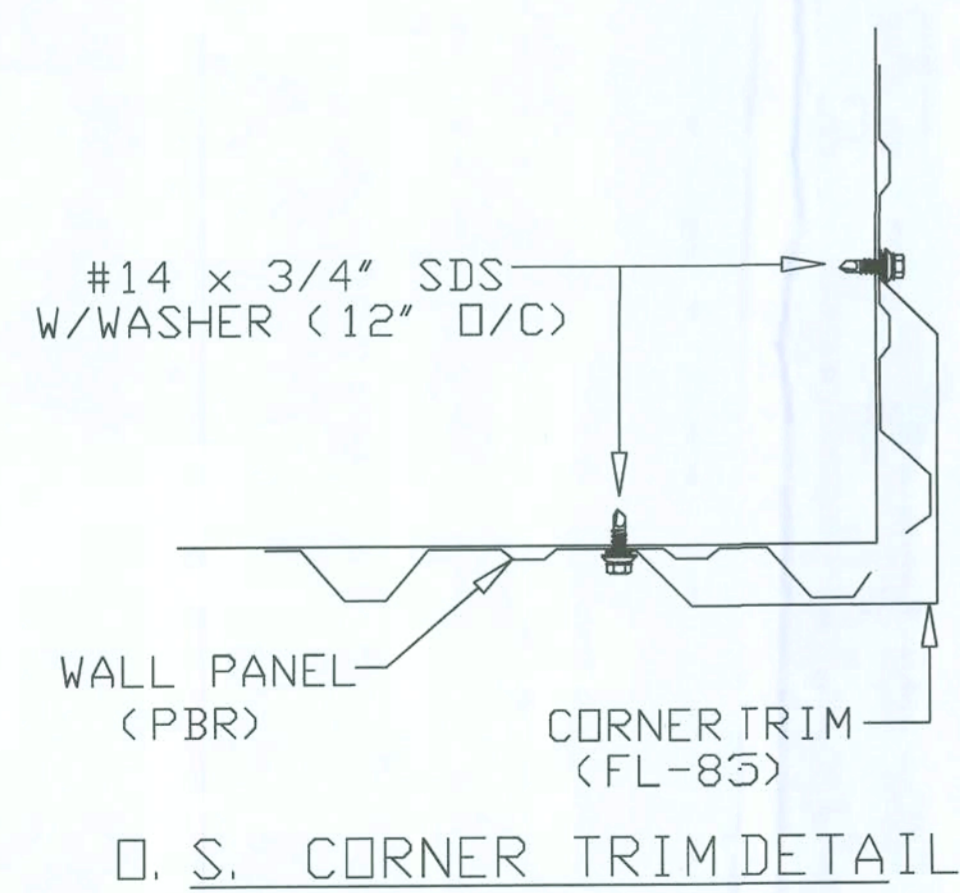
TYP. DOWNSPOUT INSTALLATION DETAIL



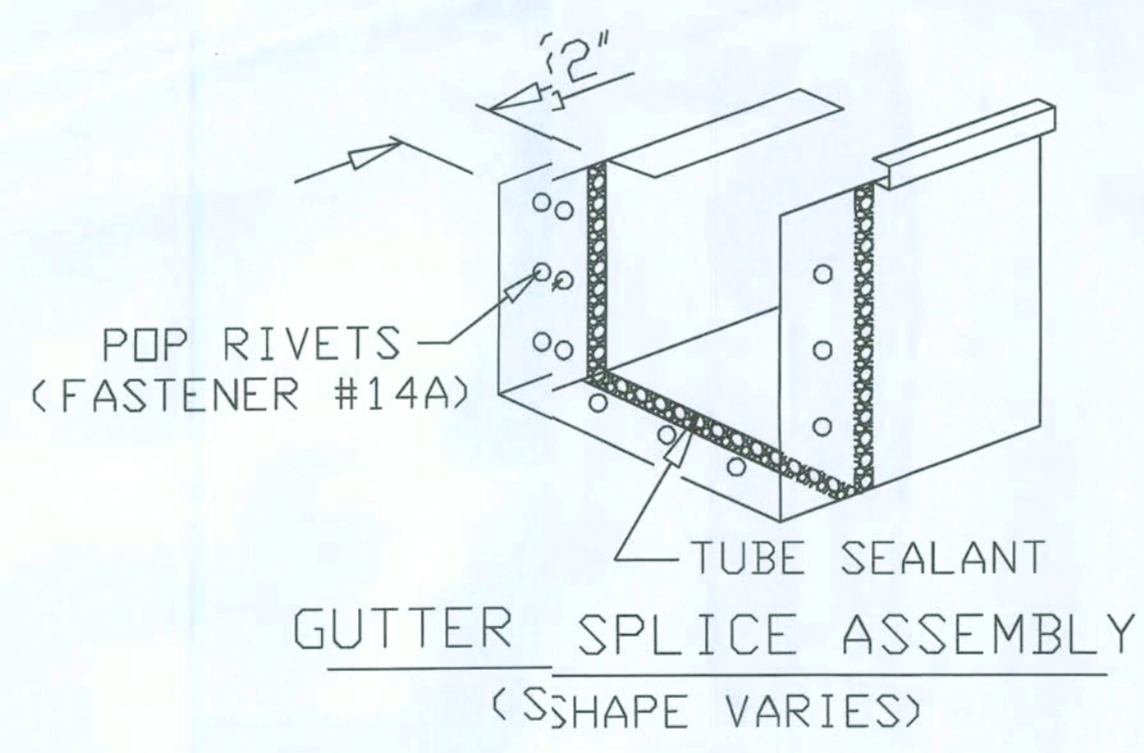
DOWNSPOUT TO GUTTER CONNECTION



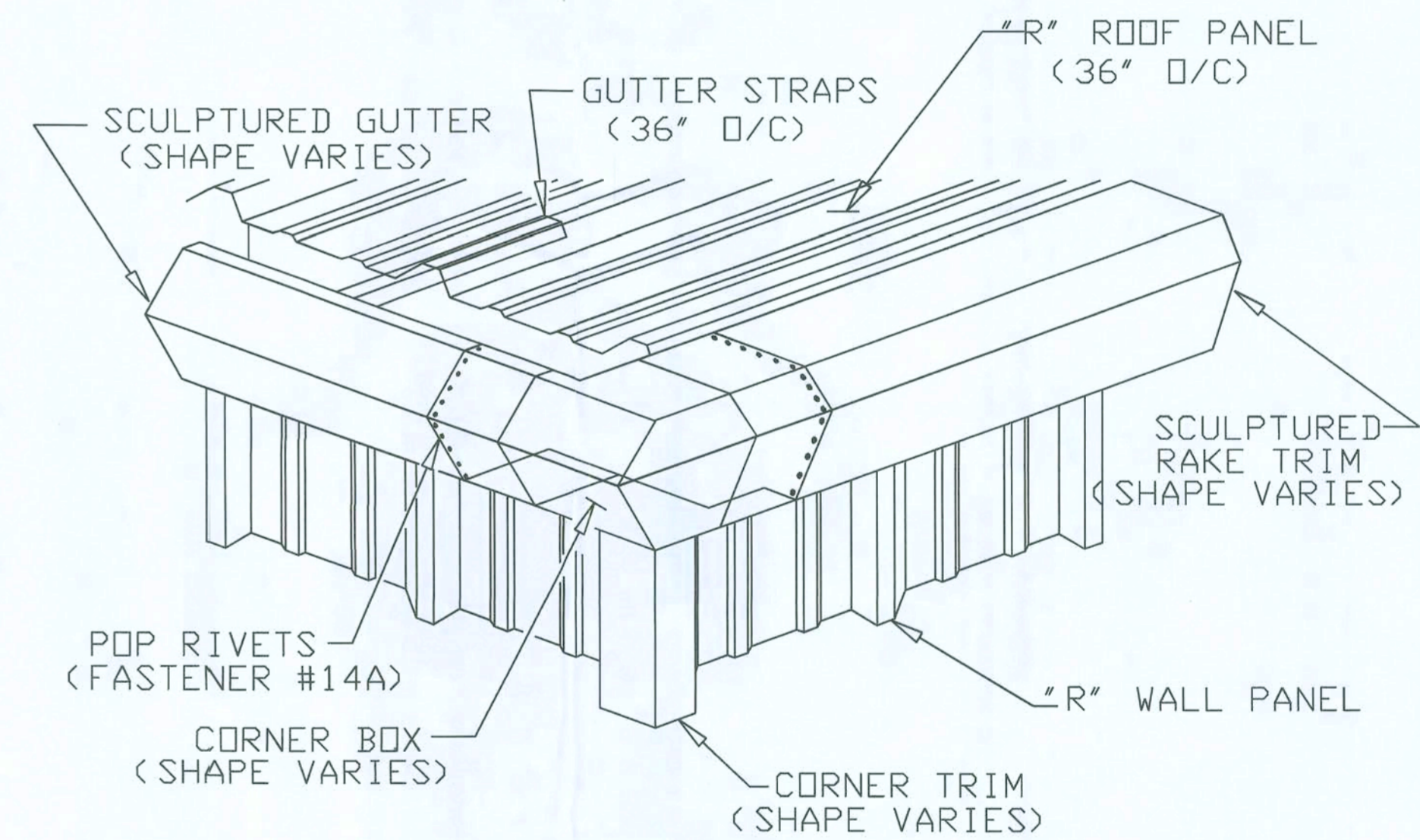
PANEL AT BASE ATTACHMENT



O. S. CORNER TRIM DETAIL



GUTTER SPLICE ASSEMBLY (SHAPE VARIES)



CORNER BOX DETAIL

| REVISION | |
|----------|-------------|
| DATE: | DESCRIPTION |
| | |
| | |
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|----------------|---------|-----------|
| SCALE: | DATE: | DRAWN BY: |
| N. T. S. | 4/11/08 | MBS |
| BUILDING SIZE: | | |
| 60 x 80 x 18 | | |

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| DRAWING SUBMITTAL STATUS | |
| () | FOR CONSTRUCTION |
| () | FOR APPROVAL |
| () | FOR PERMIT ONLY |
| () | FOR PRELIMINARY |

| |
|------------------------|
| TITLE/LOCATION |
| 60 X 80 X 18 |
| Columbia Co., FL 32038 |
| PLAN: |
| Detail Page |

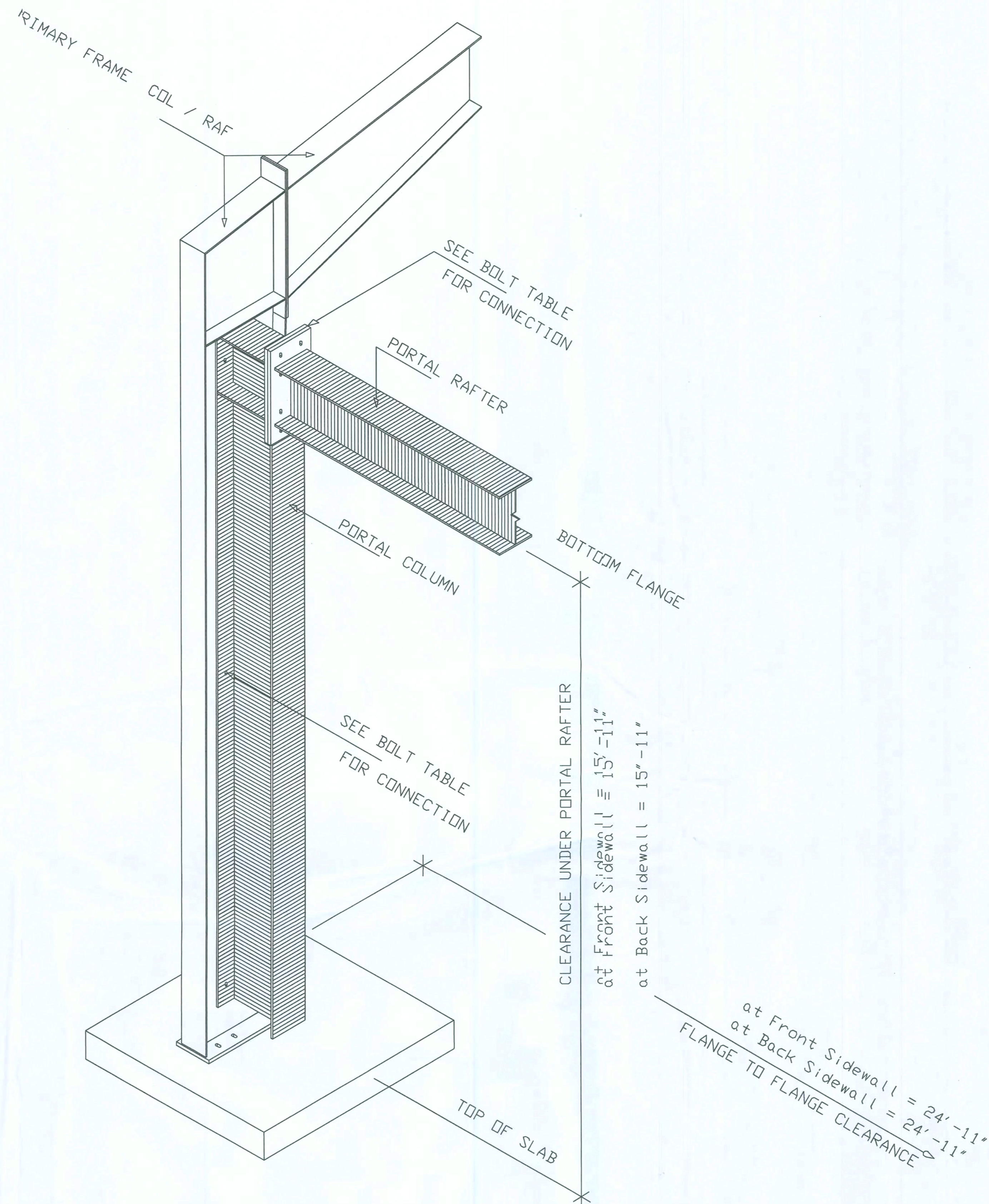
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|---------------------------------------|----------|
| PD BOX 207 ADEL, GEORGIA 31620 | |
| JOB # | 6338R11 |
| SHEET | 12 OF 13 |

ENGINEER SEAL:

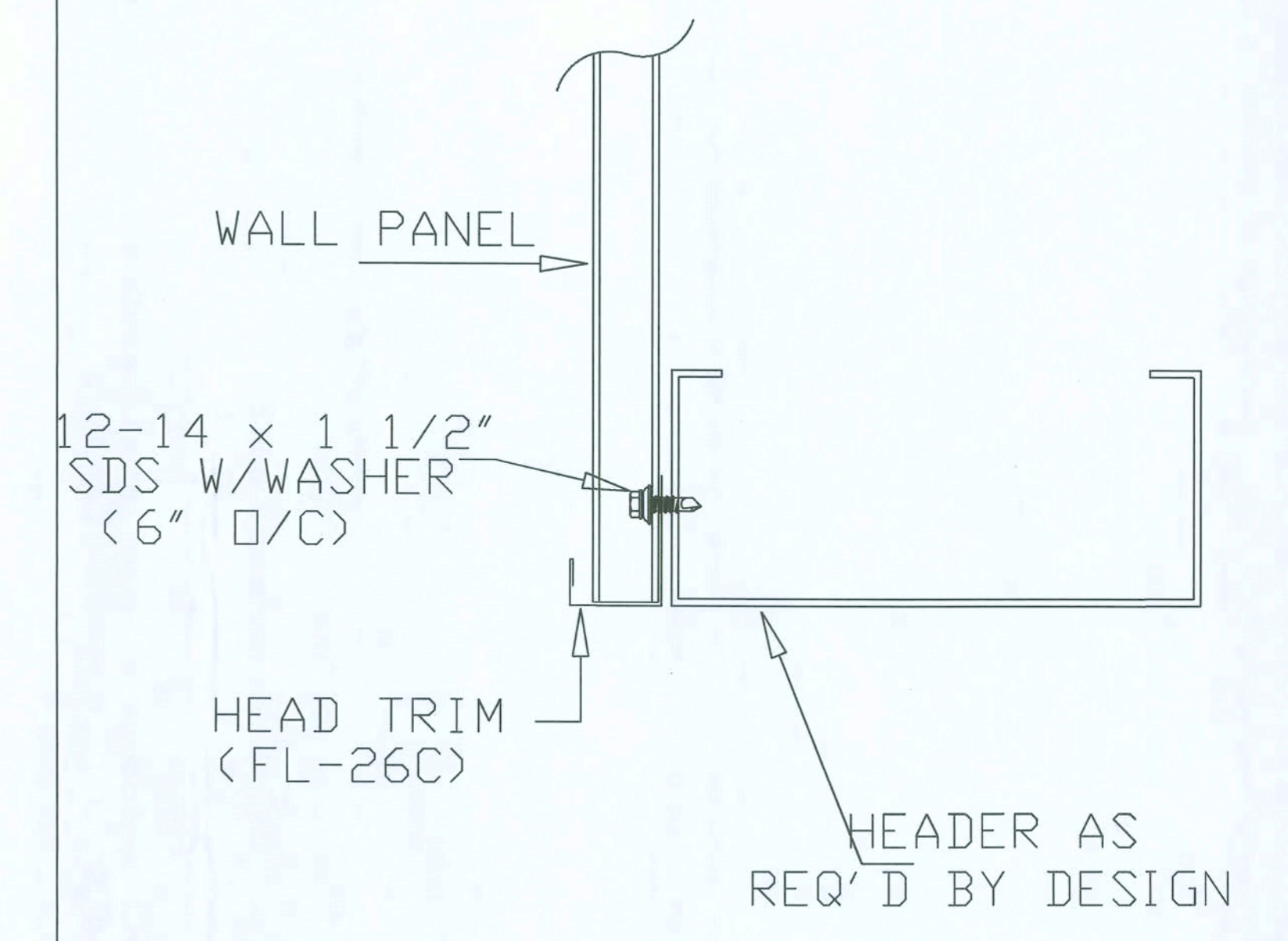
Wayne Brad Baker

design by: 4-15-08

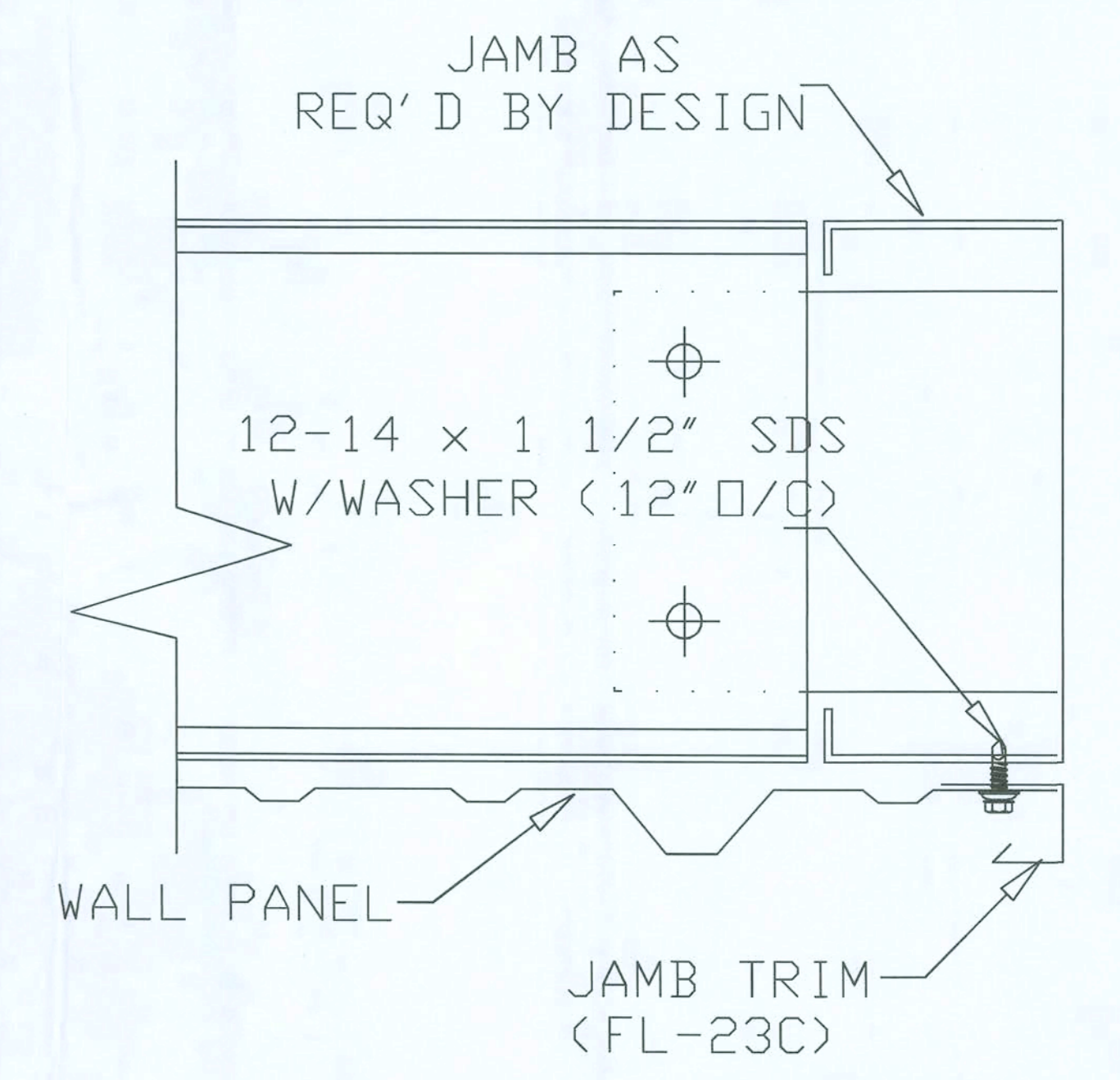
WAYNE BRAD BAKER P.E.
 METAL BUILDING SPECIALTY ENGINEER
 3306 Kentshire Drive
 Valdosta, Ga 31605



PORTAL FRAME INSTALL DETAIL
NOT TO SCALE FOR CONCEPTIONAL PURPOSES ONLY



HEAD TRIM DETAIL



JAMB TRIM DETAIL

ELITE STRUCTURES
A DIVISION OF
ELITE CONTRACTING INC.
PO BOX 207
ADEL, GEORGIA 31620

ENGINEER SEAL:

Wayne Brad Baker
4-15-08

design by:
WAYNE BRAD BAKER P.E.
METAL BUILDING SPECIALTY ENGINEER
3306 Kentshire Drive
Valdosta, Ga 31605

| REVISION | |
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| DATE: | DESCRIPTION |
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|----------------|---------|-----------|
| SCALE: | DATE: | DRAWN BY: |
| N. T. S. | 4/11/08 | MBS |
| BUILDING SIZE: | | |
| 60 x 80 x 18 | | |

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|--------------------------|------------------|
| DRAWING SUBMITTAL STATUS | |
| () | FOR CONSTRUCTION |
| () | FOR APPROVAL |
| () | FOR PERMIT ONLY |
| () | FOR PRELIMINARY |

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|--|
| TITLE/LOCATION |
| 60 X 80 X 18 Columbia Co., FL 32038 |
| PLAN: |
| Detail Page |

| |
|----------|
| JOB # |
| 6338R11 |
| SHEET |
| 13 OF 13 |