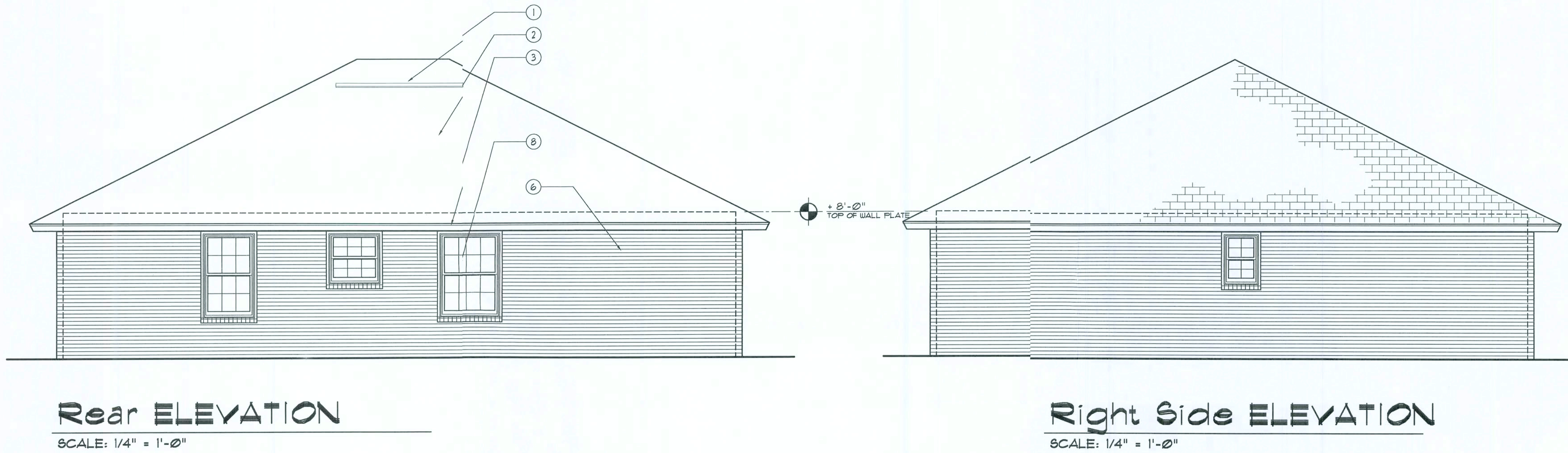
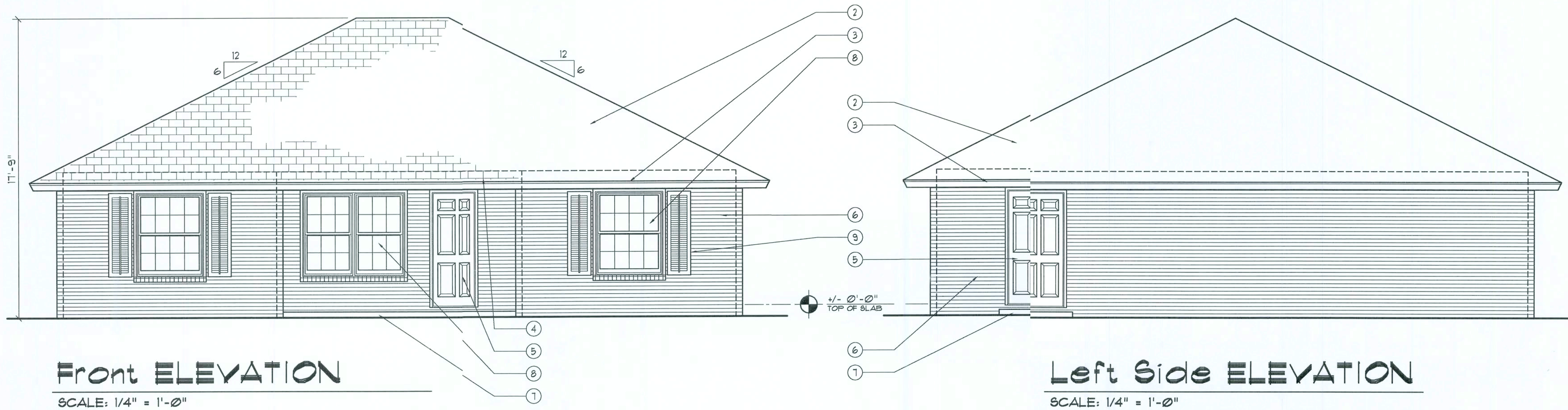


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**NOTE !!!**  
EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:  
SERIES ENTERGY 6-8 W/E INSULV OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

**NOTE !!!**  
ROOF SHINGLES SHALL BE AS MANUFACTURED BY "TAMKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:

GLASS-SEAL AR  
ELITE GLASS-SEAL AR  
HERITAGE 30 AR  
HERITAGE 40 AR  
HERITAGE 50 AR

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE 1 MODIFIED TO 110 MPH WINDS & FBC TAS 100, USING 4 NAILS/SHINGLE

**NOTE !!!**  
WINDOW ASSEMBLIES SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCTS:

"MI HOME PRODUCTS, INC." SERIES 450/650 ALUMINUM WINDOWS, SINGLE HUNG, 1, 2 & 3 MULLED UNITS, PICTURE WINDOWS & SLIDING GLASS DOORS  
PER ASTM E 283, ASTM E 330 & ASTM E 541

#### EXTERIOR FINISH MATERIALS:

- 1 CONT. RIDGE VENT TO MATCH ROOFING
- 2 FINISH ROOFING AS SELECTED BY OWNER
- 3 MTL. FLASHING ON 1X6 CYPRESS FASCIA
- 4 PORCH BEAM - SEE PLANS FOR SIZE
- 5 STEEL ENTRY DOOR, STYLE AS SELECTED BY THE OWNER - PAINTED FINISH
- 6 BRICK VENEER - COLOR, STYLE & PATTERN AS SELECTED BY THE OWNER
- 1 CONCRETE PORCH DECK, W/ WOOD FLOAT FINISH & TOOLED EDGES
- 8 SINGLE HUNG ALUMINUM WINDOWS W/ DBL. GLAZING, AS SELECTED BY OWNER
- 9 VINYL SHUTTERS AS SELECTED BY THE OWNER

| WINDOW SCHEDULE |  |  |              |
|-----------------|--|--|--------------|
| MARK            | DESCRIPTION                            | INSTALLATION                                   | MODEL        |
| 2030            | SINGLE HUNG ALUM. SASH W/ INSUL. GLASS | 1" ROOFING NAILS - 3 PER FLANGE, MAX. 18" O.C. | SERIES 650 - |
| 3030            | SINGLE HUNG ALUM. SASH W/ INSUL. GLASS | 1" ROOFING NAILS - 3 PER FLANGE, MAX. 18" O.C. | SERIES 650 - |
| 3050            | SINGLE HUNG ALUM. SASH W/ INSUL. GLASS | 1" ROOFING NAILS - 3 PER FLANGE, MAX. 18" O.C. | SERIES 650 - |
| 2-3050          | SINGLE HUNG ALUM. SASH W/ INSUL. GLASS | 1" ROOFING NAILS - 5 PER FLANGE, MAX. 18" O.C. | SERIES 650 - |
| 4050            | SINGLE HUNG ALUM. SASH W/ INSUL. GLASS | 1" ROOFING NAILS - 4 PER FLANGE, MAX. 18" O.C. | SERIES 650 - |

ALL WINDOWS ARE INSULATED & WEATHERSTRIPPED AS MANUFACTURED BY "MI HOME PRODUCTS, INC." - OTHER MANUFACTURERS/PRODUCTS SHALL BE CONSIDERED AS EQUAL IF THEIR WIND DESIGN PERFORMANCE MEETS OR EXCEEDS THESE UNITS

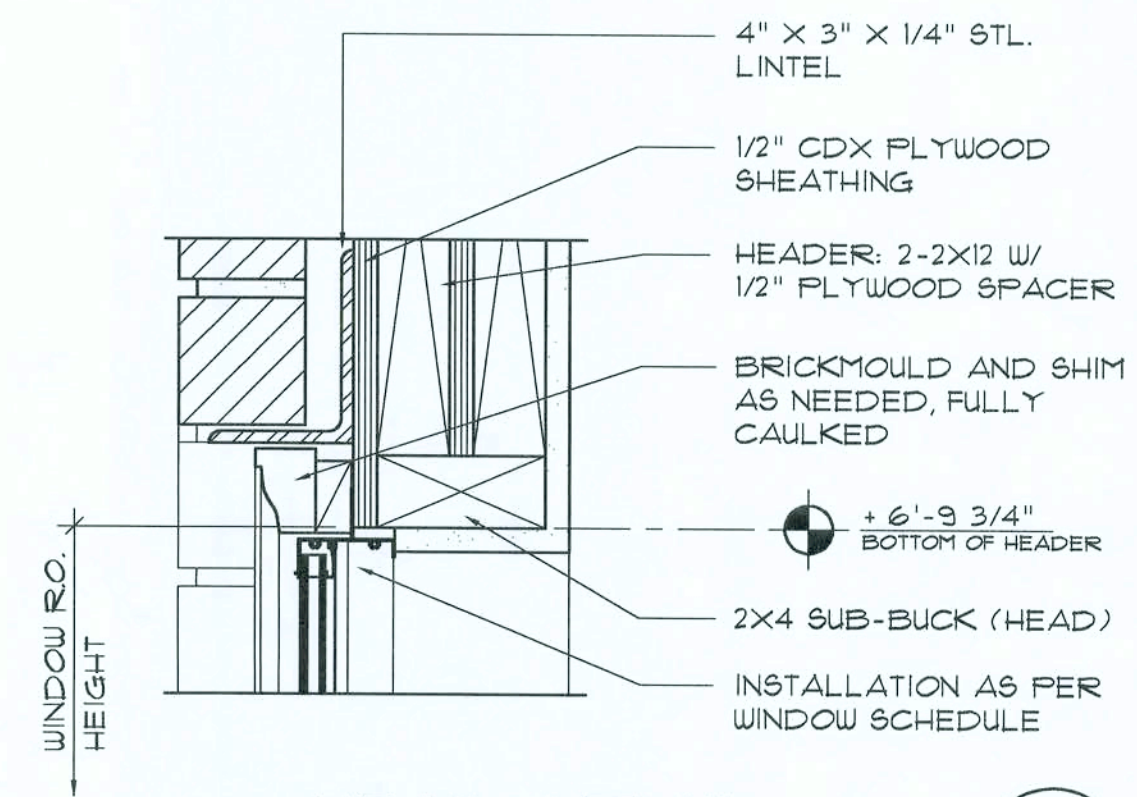
NOTE, VERIFY ROUGH OPENINGS & WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.

**NOTE !!!**  
EXTERIOR DOORS SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCT:

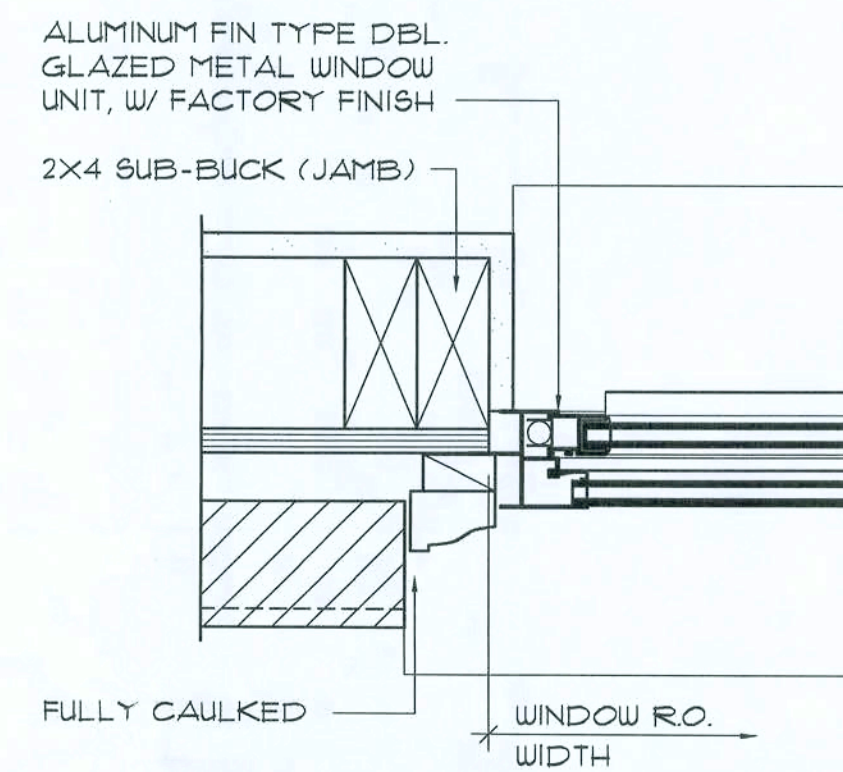
SERIES ENTERGY 6-8 W/E INSULV OPAQUE RESIDENTIAL INSULATED STEEL DOOR W/ STEEL FRAME AS MFG'D BY "PREMDOR ENTRY SYSTEMS"

**NOTE !!!**  
WINDOW ASSEMBLIES SHALL MEET OR EXCEED THE WIND RESISTANCE OF THE FOLLOWING PRODUCTS:

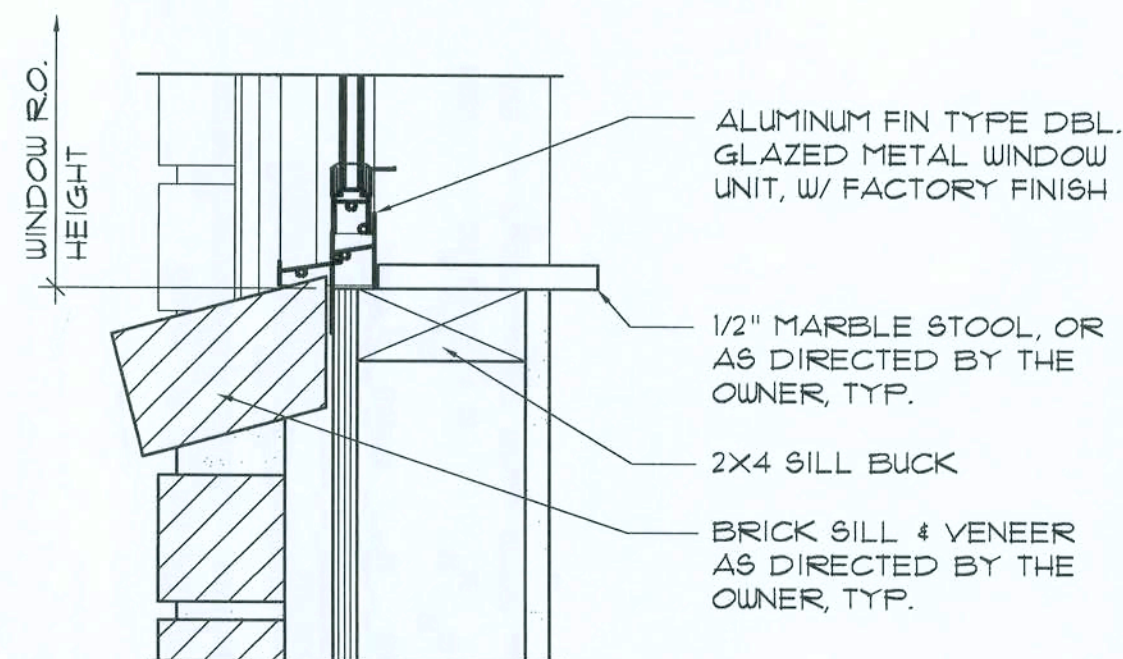
"MI HOME PRODUCTS, INC." SERIES 450/650 ALUMINUM WINDOWS, SINGLE HUNG, 1, 2 & 3 MULLED UNITS, PICTURE WINDOWS & SLIDING GLASS DOORS  
PER ASTM E 283, ASTM E 330 & ASTM E 541



**HEAD DETAIL**  
MTL. SASH



**JAMB DETAILS**  
MTL. SASH



**SILL DETAIL**  
MTL. SASH

**Typ. Window DET'S**  
SCALE: 3" = 1'-0"

REVISION:

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N.P. Gehlert, Architect

DRAWN:

mpg

STANDARD HOME PLAN:  
MODEL "58EX"  
for C&S CONSTRUCTION, LAKE CITY, FLORIDA  
ELEVATIONS

C & S  
CONSTRUCTION  
704 S. FRANK STREET - LAKE CITY, FLORIDA 32065  
PHONE: 407-755-9021  
FAX: 407-755-9021

NICHOLAS  
SEBASTIAN  
ARCHITECT  
N.C.A.R.B. Certified  
Route 17, Box 1058  
Buckeye, AZ 85326

DATE:

05 APR 2004

COMM:

2K419

SHEET:

A.1

1 OF 6

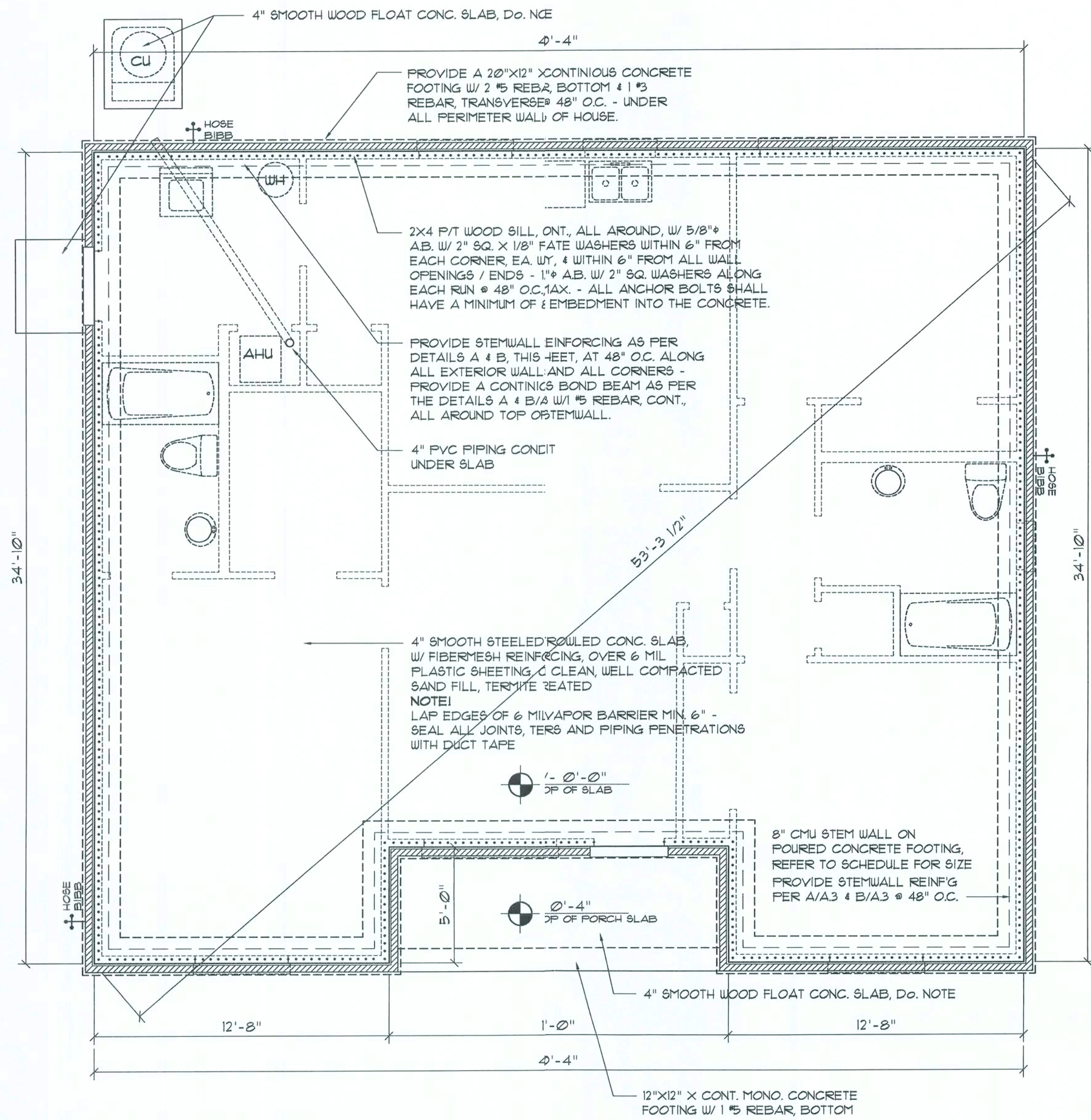
AR0007005







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## Foundation PLAN

SCALE: 1/4" = 1'-0"

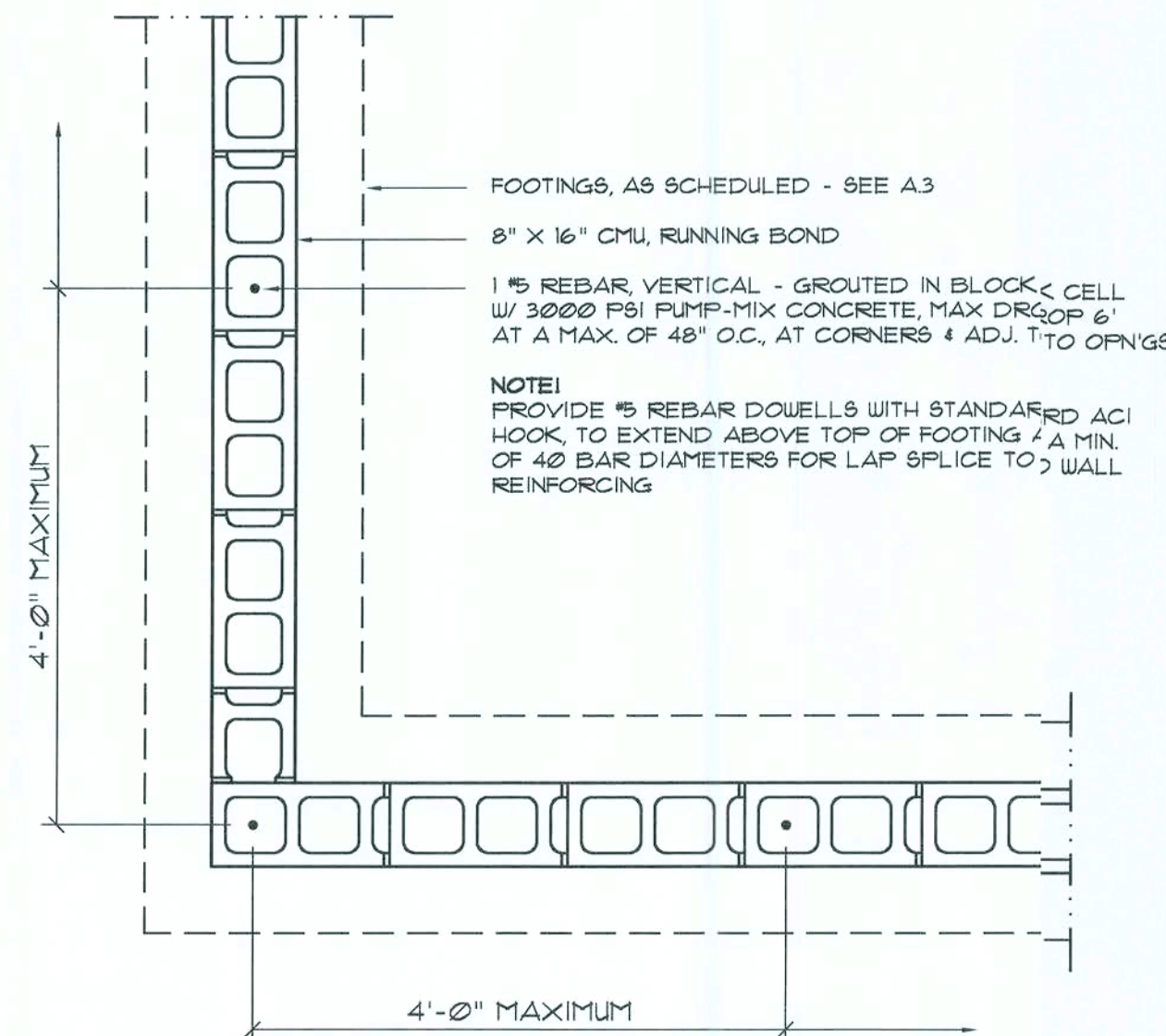
..... SHEAR WALL SEGMENTS, SEE A-6  
(ALL EXT. WALLS, LESS DOOR OPENINGS)

**NOTE!**  
THE DESIGN WIND SPEED FOR THIS PROJECT IS 110 MPH PER 2004 FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

**NOTE!**  
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 95% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

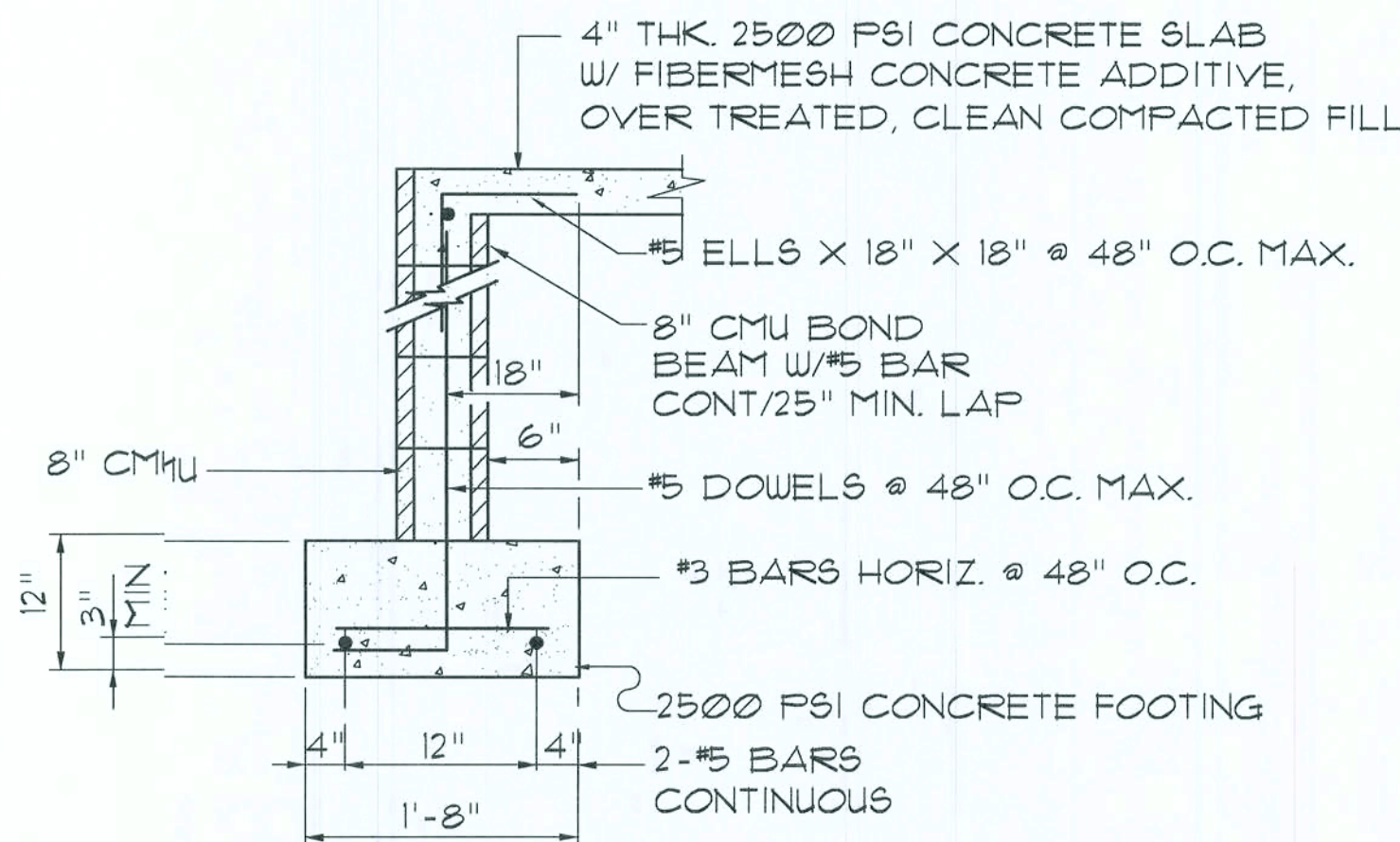
**NOTE!**  
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR. SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

**NOTE!**  
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING REPORT - CONTR. SHALL PROVIDE 1 COPY OF AS-BUILT DUGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.



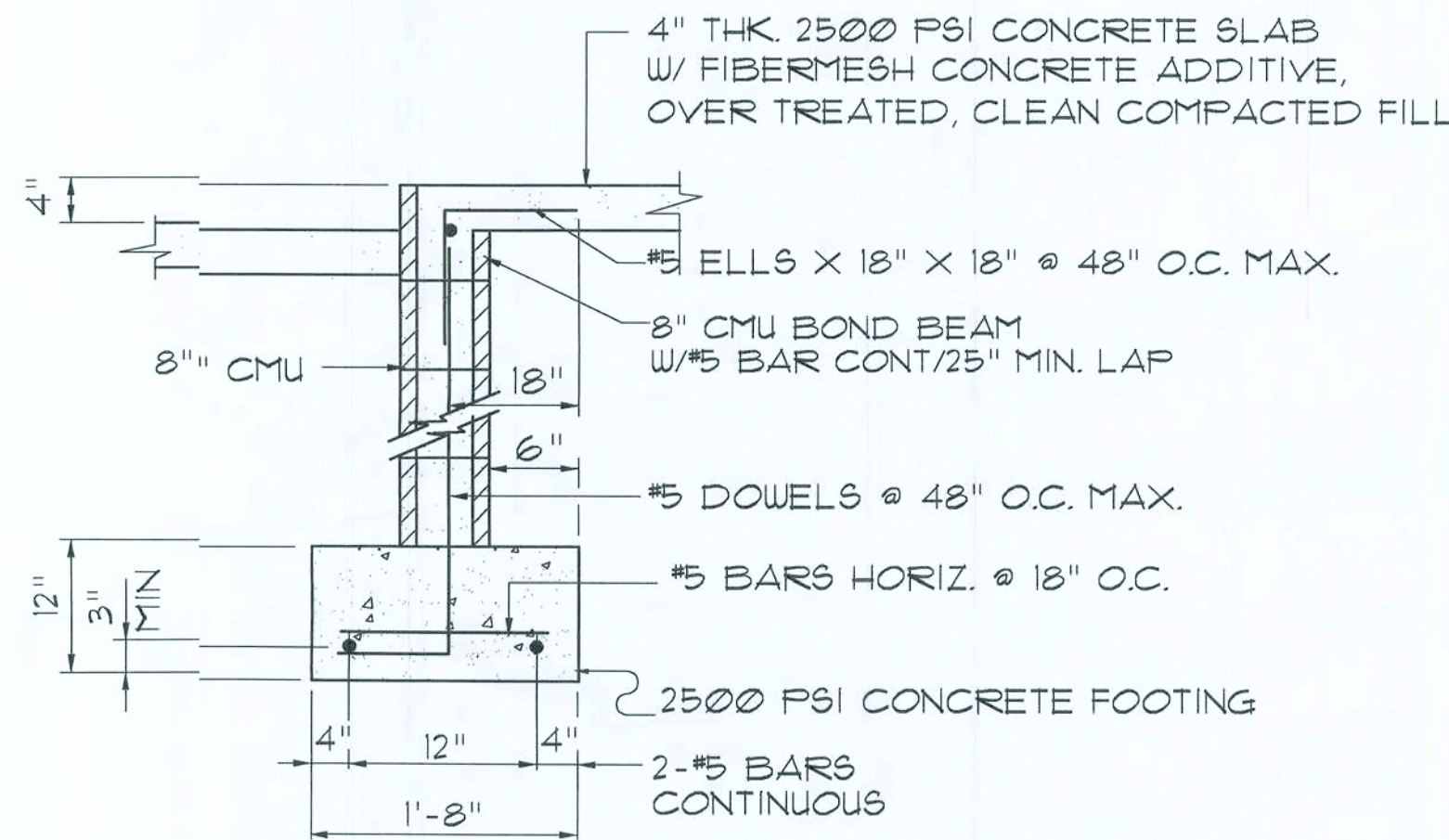
## Wall/Foundation Reinf'g DETAIL

SCALE: 3/4" = 1'-0"



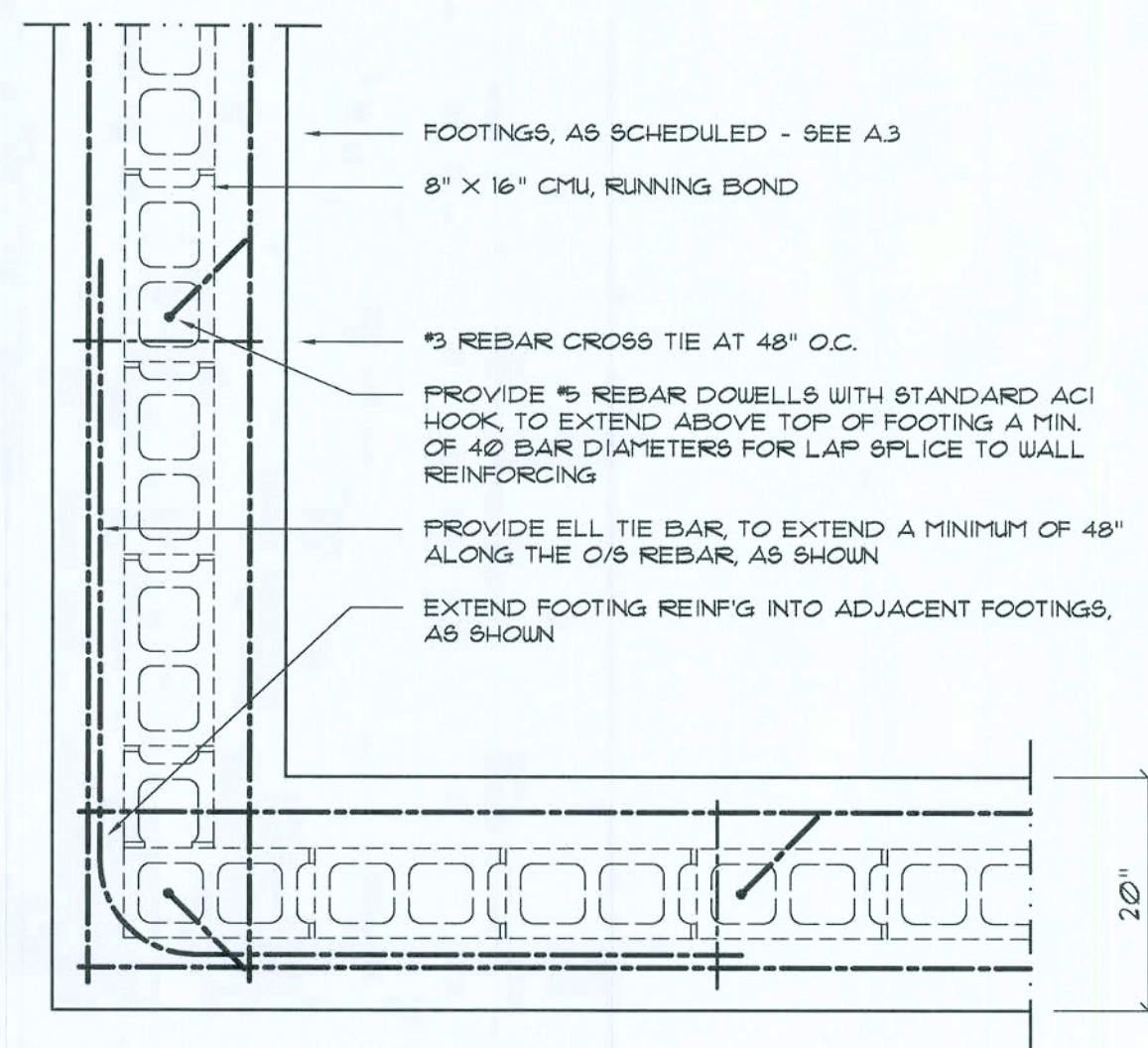
## SECTION

SCALE: 3/4" = 1'-0"



## SECTION

SCALE: 3/4" = 1'-0"



## FLORIDA BUILDING CODE

### Compliance Summary

#### TYPE OF CONSTRUCTION

Roof: Gable Construction, Wood Trusses @ 24" O  
Walls: 2x4 Wood Studs @ 16" O.C.  
Floor: 4" THK. Concrete Slab w/ Fibermesh Concrete Additive  
Foundation: Continuous Footer/Stem Wall

#### ROOF DECKING

Material: 1/2" CD Plywood or 7/16" OSB.  
Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing  
Fasteners: 8d Common Nails per schedule on sheet A-6

#### SHEARWALLS

Material: 1/2" CD Plywood or 7/16" OSB.  
Sheet Size: 48"x96" Sheets Placed Vertical  
Fasteners: 8d Common Nails @ 4" O.C. Edges & 8" O.C. Interior  
Dragstrut: Double Top Plate (S.Y.P.) w/ 6d Nails @ 12" O.C.  
Wall Studs: 2x4 Hem Fir Studs @ 16" O.C.

#### HURRICANE UPLIFT CONNECTORS

Truss Anchors: SEMCO HDFT2 @ Ea. Truss End (Typ. U.ON.)  
Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top & Bot.  
Anchor Bolts: 1/2" A307 Bolts @ 48" O.C.  
Corner Hold-down Device: (1) HD5a @ each corner w/ 5/8" A.B.  
Porch Column Base Connector: Simpson ABU66 @ each column  
Porch Column to Beam Connector: Simpson EPC66 @ each column

#### FOOTINGS AND FOUNDATIONS

Footing: 20"x12" Cont. w/ 2 #5 Bars Cont. & 1 #5 Transverse @ 24" O.C.  
Stemwall: 8" CMU w/ 1 #5 Vertical Dowel @ 48" O.C.

ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2004 EDITION.

|   |  |
|---|--|
| BASIC WIND SPEED:   | 110 MPH  |
| WIND IMPORTANCE FACTOR (I):   | I = 1.00   |
| BUILDING CATEGORY:  | CATEGORY II  |
| WIND EXPOSURE:  | "B"  |
| INTERNAL PRESSURE COEFFICIENT:  | +/- 0.18   |
| MUFRS PER TABLE 1609.2A (FBC 2004)<br>DESIGN WIND PRESSURES:                            | ROOF: - 23.1 PSF<br>WALLS: + 26.6 PSF<br>EAVES: - 32.3 PSF                   |
| COMPONENTS & CLADDING PER TABLES 1609.2B & 1609.2C (FBC 2004)<br>DESIGN WIND PRESSURES: | OPNGS: + 21.8 / - 29.1 PSF<br>EAVES: - 68.3 PSF<br>ROOF: + 19.3 / - 25.5 PSF |

## CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 85 KSI.
- CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F'm = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

REVISION:

16 DEC 2005

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N.P. Gensler, Architect

DRAWN:

198

STANDARD HOME PLAN:  
MODEL "58EX"  
for C&S CONSTRUCTION, LAKE CITY, FLORIDA  
FOUNDATION PLAN & DETAILS

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CONSTRUCTION  
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NICHOLAS  
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Lake City, FL 32055  
Phone: 407.595.5021  
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DATE:

05 APR 2004

COMM:

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