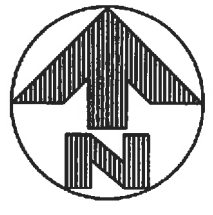


REDLINE

5-30-17

7/21/17

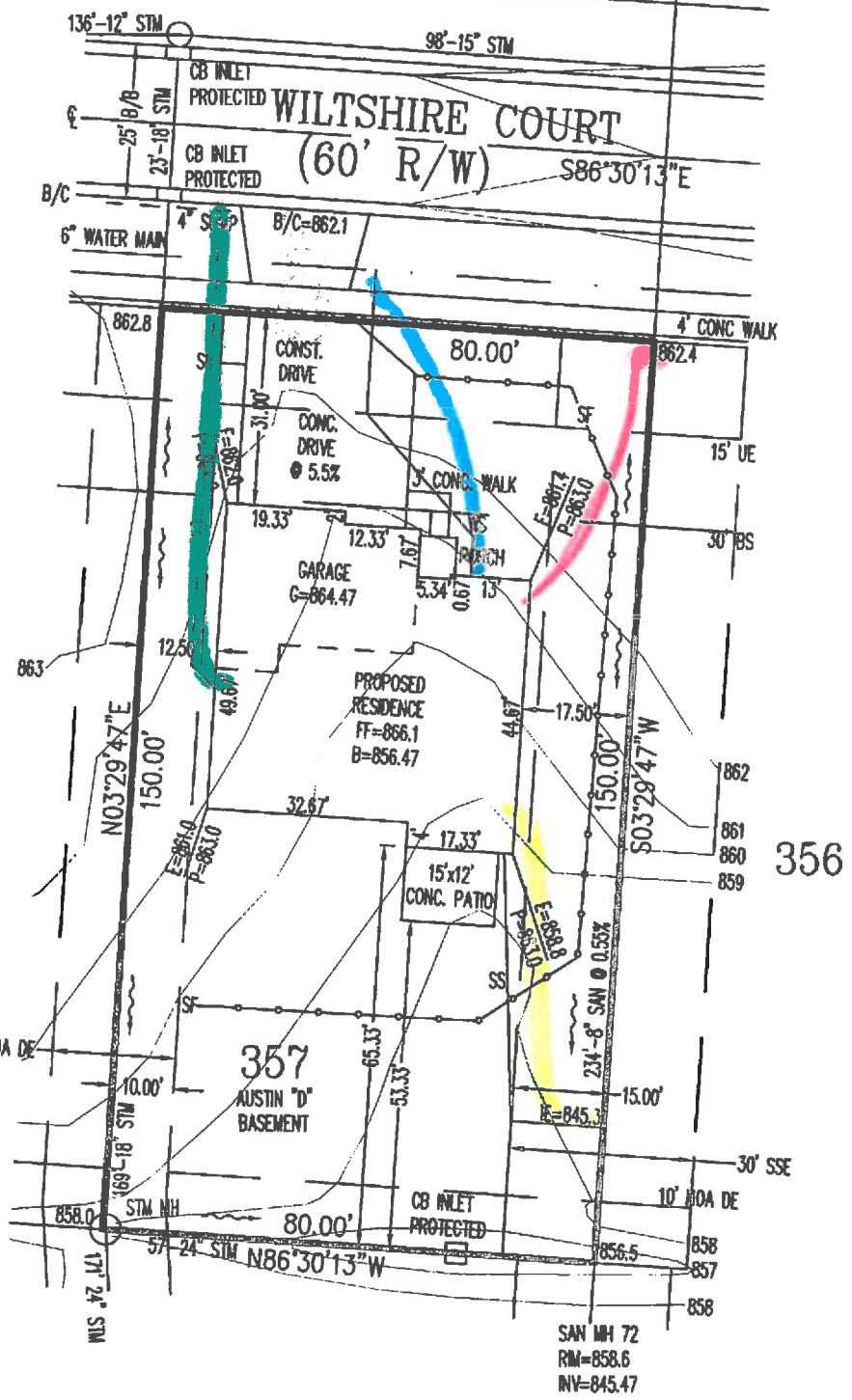


M.O.E. = 853.0

SAN MH 70
RM=863.9
INV(SW)=844.88
INV(N&E)=842.96

SAN MH 71
RM=862.6
INV=844.18

221'-8" SAN @ 0.55%



358

356

357
AUSTIN "D"
BASEMENT

INFORMATION FROM CONSTRUCTION DRAWINGS.

CONTRACTOR IS TO VERIFY LOCATION AND DEPTH OF WATER AND SANITARY SERVICES BEFORE CONSTRUCTION.

ALL ELEVATIONS ARE EXISTING UNLESS SPECIFIED WITH AN "E" FOR EXISTING OR A "P" FOR PROPOSED.

UNLESS F.F.E., M.O.E. OR M.B.E. ARE FIELD VERIFIED BY AN ENGINEERING FIRM, CONTRACTOR TAKES FULL RESPONSIBILITY FOR THE FINISH FLOOR ELEVATION.

A STANDARD FORMULA WAS USED TO DETERMINE FINISH FLOOR GRADE. FINAL FINISH FLOOR ELEVATION IS CONTRACTOR'S RESPONSIBILITY.

Prior to construction, a geotechnical report shall be obtained by the builder. Apex assumes no responsibility for soil conditions.

APEX ENGINEERING & SURVEYING INC.
ADVISES AGAINST HOLDING THE MINIMUM REQUIRED DISTANCE ON ANY AND ALL SETBACKS, FRONT, REAR, AND SIDES.
THE BUILDER ASSUMES ALL RESPONSIBILITIES FOR ANY BUILDING ENCROACHMENTS THAT MAY OCCUR.

SETBACKS
FRONT=30'
REAR=30'
SIDE=5' / 10' TOTAL



PROJECT No. TRAILSFOURBRIDGE DWG No. 170838PA

DATE: 05-25-17

JOHN HENRY HOMES

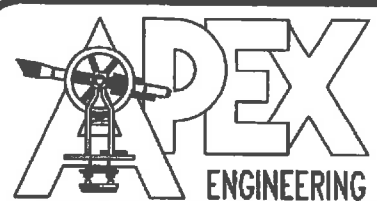
EXHIBIT "A"

PLOT PLAN
LOT 357 (12,000 SF) 0.2755 AC.
THE TRAILS OF FOUR BRIDGES 7-C
SECTION 8, TOWN 3, RANGE 3
LIBERTY TWP. BUTLER COUNTY, OHIO

SCALE: 1"=30'

DRAWN: JLL

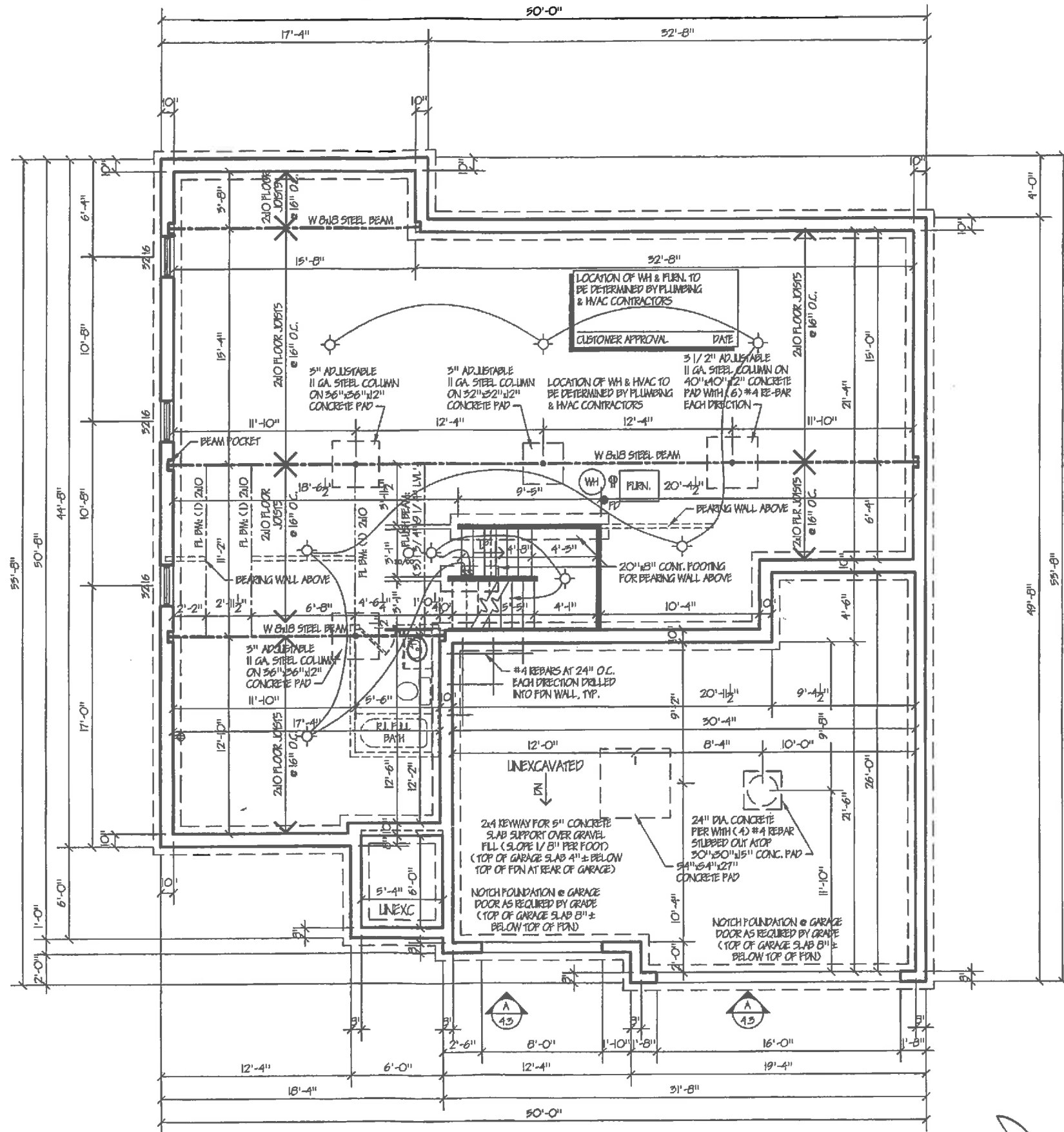
CHECKED: KC



ENGINEERING & SURVEYING, INC.
1068 NORTH UNIVERSITY BLVD. MIDDLETOWN, OHIO 45042
PH.-(513) 424-5202 OR (513) 932-8991 FAX - (513) 424-6202

NOTE:
- ALL DIMENSIONS ARE TO FOUNDATION UNLESS NOTED OTHERWISE

| MECHANICAL LEGEND | | | |
|-------------------|--------------------------------|--------------------|--|
| ⊞ | SWITCH | ○ _{SD} | SMOKE DETECTOR |
| ○ | LIGHT FIXTURE | ○ _{SD/CO} | SMOKE DETECTOR/ CARBON MONOXIDE DETECTOR COMBO |
| ○ _{P.C.} | PULL CHAIN LIGHT | ⊕ | WEATHERPROOF OUTLET |
| ○ | RECESSED LIGHT | ⊕ | DUPLEX OUTLET |
| ○ | RECESSED DIRECTIONAL | ⊕ | DRIER/RANGE OUTLET |
| ○ | FLOOD LIGHT | ⊕ | PHONE JACK |
| — | FLUORESCENT LIGHT | ⊕ | CABLE TV JACK |
| ⊕ | CEILING FAN & LIGHT FIXTURE | ⊕ | BATH FAN |
| | | ⊕ | HOSE BIB |



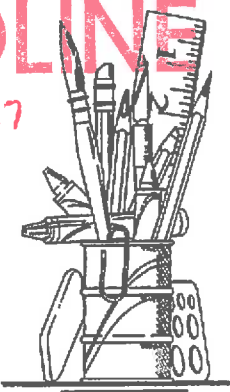
FOUNDATION PLAN

ELEVATION D

Scale: 1/4" = 1'-0" (24x36)
Scale: 1/8" = 1'-0" (11x7)

| | |
|-------------------|------|
| CUSTOMER APPROVAL | DATE |
| CUSTOMER APPROVAL | DATE |

REDLINE
7/21/17



ASSOCIATES & ENZWEILER
RESIDENTIAL DESIGN SPECIALISTS
6402 EAST ALEXANDRIA PIKE
COLD SPRING, KY 40116
859-655-3121

| Date | Drawn |
|----------|-------|
| 02-24-17 | |
| 02-24-17 | |
| 02-08-17 | |
| 02-04-17 | |

Miscellaneous Revisions
 MARK fresh windows / revise garage roof pitch
 Revised for Construction
 Revised for Review

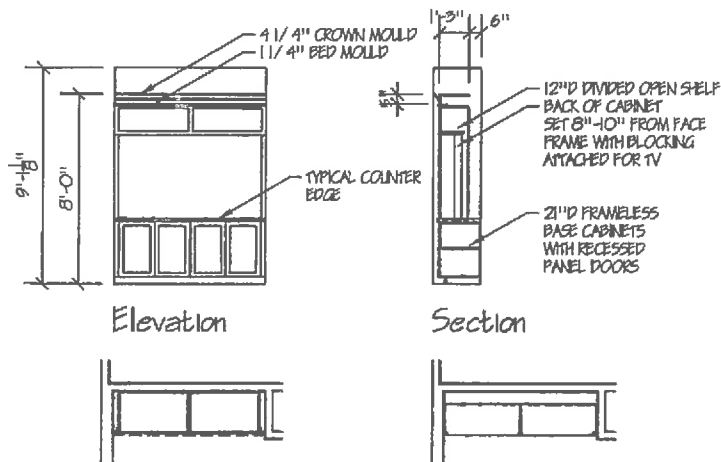
Builder: **John Henry Homes**
 Homeowner: **Market**
 Location: **Trails Four Bridges Lot # 357**

Designed By: **Assoc's & Enzweiler**
 Proposed Residence For: **Austin**

Sheet 2.1
Foundation Plan

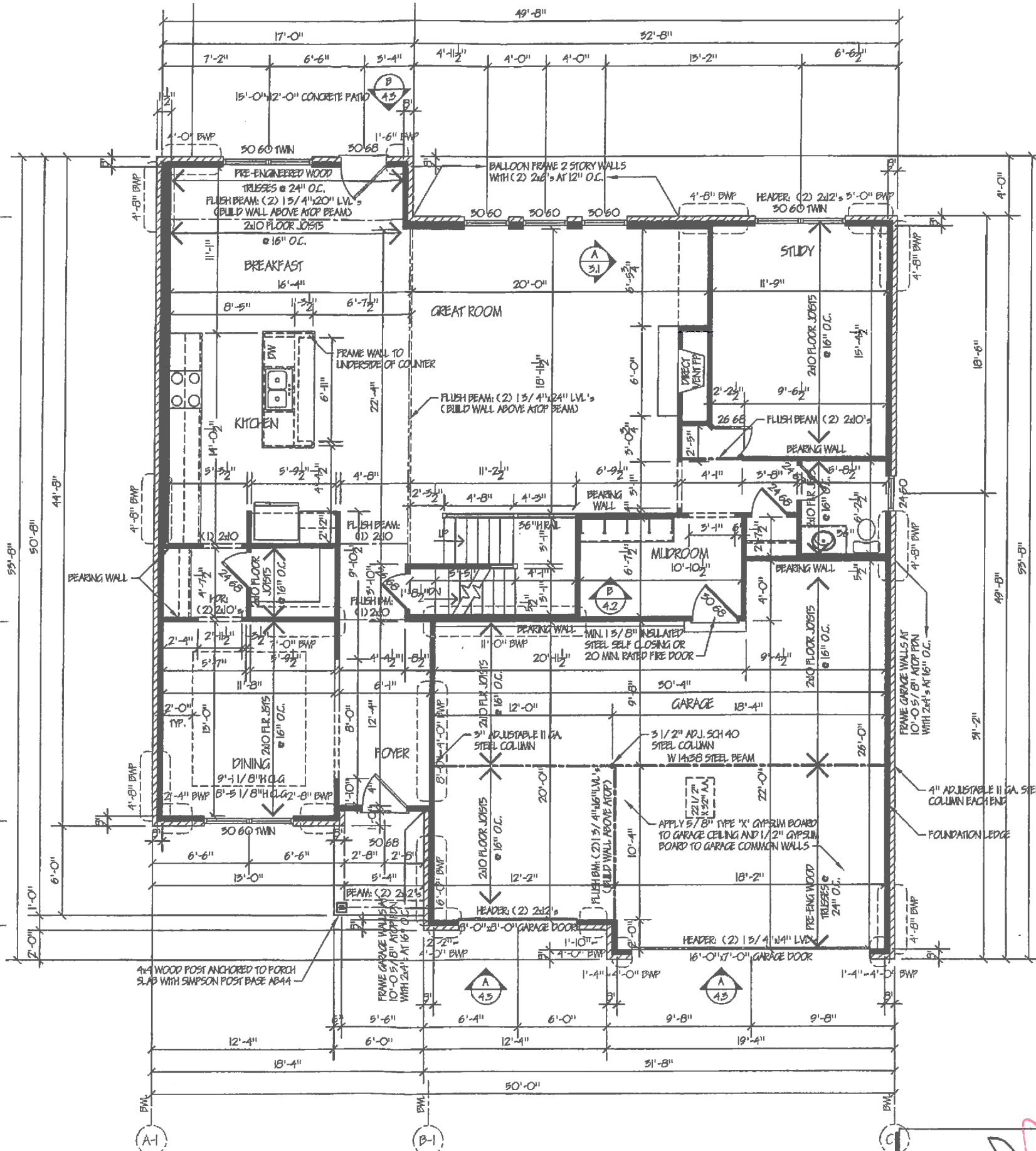
NOTE:
 - ALL INTERIOR WALL DIMENSIONS ARE 3/16" UNLESS OTHERWISE NOTED
 - CONSTRUCTION METHODS AND ELECTRICAL/MECHANICAL INSTALLATIONS MAY CAUSE ROOM SIZES AND EXTERIOR APPEARANCES TO VARY.
 - ALL FEDERAL, STATE AND LOCAL CODES, ORDINANCES AND REGULATIONS, ETC. SHALL BE CONSIDERED PART OF THE SPECIFICATIONS OF THESE DRAWINGS AND ARE TO BE ADHERED TO EVEN IF IN VARIANCE WITH THESE DOCUMENTS.

| WIND CALCULATIONS | | | | | | | | |
|--|----------------|--------------------------|------------------|-------------------|---------------------|------------------------|-------------------------------|-------------------------|
| RC TABLE R602.10.1.2 (1) FOOTNOTES | | | | | | | | |
| EXPOSURE CATEGORY | 1.00 | 1.00 | | | | | | |
| ROOF EAVE-TO-RIDGE HEIGHT | 1.00 | 1.00 | | | | | | |
| WALL HEIGHT | 0.95 | 0.95 | | | | | | |
| NUMBER OF BRACED WALL LINES | 1.00/1.45 | 1.00 | | | | | | |
| WIND FACTOR TOTAL | 0.95/1.58 | 0.95 | | | | | | |
| WALL BRACING TABLE | | | | | | | | |
| BRACED WALL LINE (BWL) | BRACING METHOD | BRACED WALL LINE SPACING | REQUIRED BRACING | WIND FACTOR TOTAL | TOTAL GYPSUM FACTOR | PANELS WITH HOLD DOWNS | TOTAL REQUIRED BRACING LENGTH | BRACING LENGTH PROVIDED |
| 1-1 | CS-PF | 47.35' | 13.75' | 0.95 | N/A | N/A | 13.06' | 13.17' |
| 2-1 | CP | 20.17' | 13.00' | 1.58 | N/A | N/A | 17.94' | 13.00' |
| 3-1 | CS-WSP | 10.17' | 3.50' | 1.58 | N/A | N/A | 4.85' | 5.00' |
| 4-1 | PFH | 47.35' | 13.75' | 0.95 | N/A | N/A | 13.06' | 16.00' |
| A-1 | CS-WSP | 50.00' | 14.50' | 0.95 | N/A | N/A | 13.78' | 14.00' |
| B-1 | CP | 25.00' | 7.75' | 1.24 | N/A | N/A | 9.61' | 10.00' |
| C-1 | CS-WSP | 50.00' | 14.50' | 0.95 | N/A | N/A | 13.78' | 14.00' |
| FASTENER SCHEDULE FOR STRUCTURAL MEMBERS | | | | | | | | |
| TYPICAL 5/8" - 1/2" WOOD SHEATHING: - SUBFLOOR/WALL: FASTEN SHEATHING WITH 6d NAILS (2" x 0.15") AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD - ROOF: FASTEN SHEATHING WITH 8d NAILS (2 1/2" x 0.15") AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD BWP USING BRACING METHODS CS-WSP OR CS-G: - FASTEN SHEATHING WITH 8d NAILS (2 1/2" x 0.15") AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD BWP USING BRACING METHOD CP: - FASTEN GYPSUM BOARD WITH 15 GAGE, 1 3/8" LONG, 19/64" HEAD, 0.098" DIAMETER, 1 1/4" LONG, ANNULAR-RINGED, 5d COOLER NAIL, 0.086" DIAMETER, 1 3/8" LONG, 15/64" HEAD, OR GYPSUM BOARD NAIL, 0.086" DIAMETER, 1 3/8" LONG, 9/32" HEAD AT 7" O.C. AT ALL PANEL EDGES (INCLUDING TOP AND BOTTOM PLATES) AND 7" O.C. IN THE PANEL FIELD BWP USING BRACING METHODS PFH, PFG, OR CS-PF: - SEE SECTION/ DETAIL | | | | | | | | |



Base Cabinet Plan Upper Cabinet Plan
 Great Room Built-Ins Details

Scale: 1/4" = 1'-0" (24x36)
 Scale: 1/8" = 1'-0" (11x17)



FIRST FLOOR FRAMING PLAN

ELEVATION D

Scale: 1/4" = 1'-0" (24x36)
 Scale: 1/8" = 1'-0" (11x17)



ASSOCIATES & ENZWEILER
 RESIDENTIAL DESIGN SPECIALISTS
 6402 EAST ALEXANDRIA PIKE
 COLD SPRING, KY 41076
 859-635-3721

| Date | Revisions |
|----------|---|
| 05-24-17 | Miscellaneous Revisions |
| 06-24-17 | ADDP from windows/ remove garage roof pitch |
| 08-05-17 | Issued for Construction |
| 08-04-17 | Issued for Review |

Builder: John Henry Homes
 Homeowner: Market
 Location: Trails Four Bridges Lot # 357

Designed By: Assoc's & Enzweiler
 Proposed Residence For: Austin

Sheet 3.1
 First Floor Framing Plan

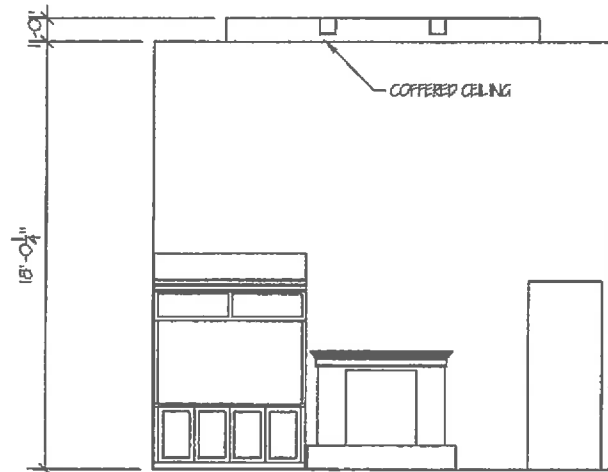
CUSTOMER APPROVAL _____ DATE _____
 CUSTOMER APPROVAL _____ DATE _____

NOTE:
 ALL INTERIOR WALL DIMENSIONS ARE 5/16" UNLESS OTHERWISE NOTED
 CONSTRUCTION METHODS AND ELECTRICAL/MECHANICAL INSTALLATIONS MAY CAUSE ROOM SIZES AND EXTERIOR APPEARANCES TO VARY.
 ALL FEDERAL, STATE AND LOCAL CODES, ORDINANCES AND REGULATIONS, ETC. SHALL BE CONSIDERED PART OF THE SPECIFICATIONS OF THESE DRAWINGS AND ARE TO BE ADHERED TO EVEN IF IN VARIANCE WITH THESE DOCUMENTS.

| WIND CALCULATIONS | | |
|-----------------------------------|---------------------|---------------------|
| | NUMBERED WALL LINES | LETTERED WALL LINES |
| RC TABLE R602.10.1.2(1) FOOTNOTES | | |
| EXPOSURE CATEGORY | 1.00 | 1.00 |
| ROOF EAVE-TO-RIDGE HEIGHT | 1.00 | 1.00 |
| WALL HEIGHT | 0.90 | 0.90 |
| NUMBER OF BRACED WALL LINES | 1.00/1.30 | 1.00/1.30 |
| WIND FACTOR TOTAL | 0.90/1.17 | 0.90/1.17 |

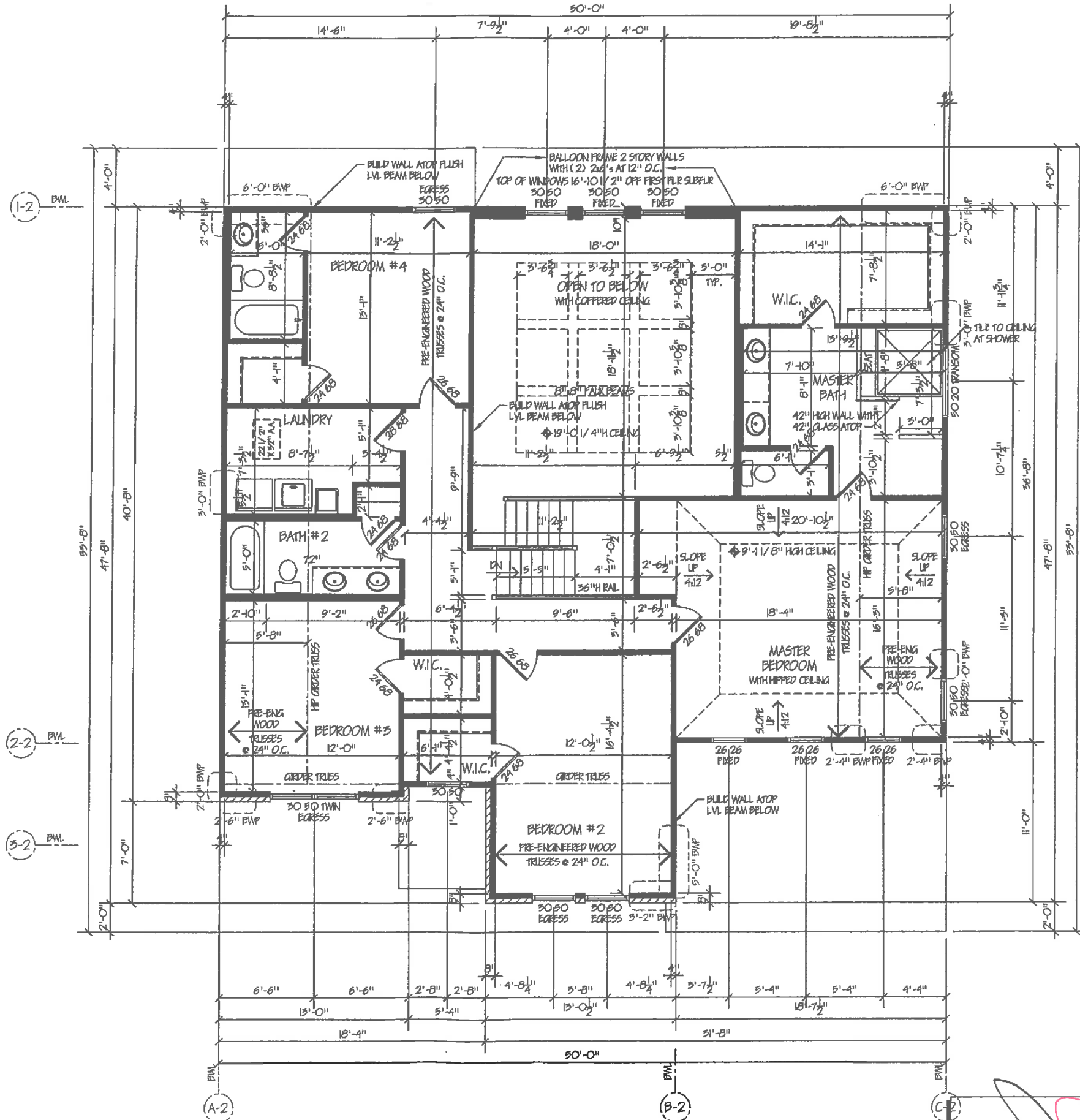
| WALL BRACING TABLE | | | | | | | | |
|------------------------|----------------|--------------------------|------------------|-------------------|---------------------|------------------------|-------------------------------|-------------------------|
| BRACED WALL LINE (BWL) | BRACING METHOD | BRACED WALL LINE SPACING | REQUIRED BRACING | WIND FACTOR TOTAL | TOTAL GYPSUM FACTOR | PANELS WITH HOLD DOWNS | TOTAL REQUIRED BRACING LENGTH | BRACING LENGTH PROVIDED |
| 1-2 | CS-WSP | 43.67' | 6.60' | 0.90 | N/A | N/A | 5.94' | 6.00' |
| 2-2 | CS-WSP | 21.85' | 3.80' | 1.17 | N/A | N/A | 4.45' | 4.67' |
| 3-2 | CS-WSP | 43.67' | 6.60' | 0.90 | N/A | N/A | 5.94' | 9.16' |
| A-2 | CS-WSP | 50.00' | 7.50' | 0.90 | N/A | N/A | 6.75' | 7.00' |
| B-2 | CS-WSP | 25.00' | 4.25' | 1.17 | N/A | N/A | 4.97' | 5.00' |
| C-2 | CS-WSP | 50.00' | 7.50' | 0.90 | N/A | N/A | 6.75' | 7.00' |

| FASTENER SCHEDULE FOR STRUCTURAL MEMBERS |
|--|
| TYPICAL 5/8" - 1/2" WOOD SHEATHING: - SUBFLOOR/WALL: FASTEN SHEATHING WITH 6d NAILS (2" x 0.115") AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD - ROOF: FASTEN SHEATHING WITH 6d NAILS (2 1/2" x 0.131") AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD BWP USING BRACING METHODS CS-WSP OR CS-G - FASTEN SHEATHING WITH 6d NAILS (2 1/2" x 0.131") AT 6" O.C. AT ALL PANEL EDGES AND 12" O.C. IN THE PANEL FIELD BWP USING BRACING METHOD CB: - FASTEN GYPSUM BOARD WITH 15 GAGE, 1 5/8" LONG, 19/64" HEAD, 0.098" DIAMETER, 1 1/4" LONG, ANNULAR-RINGED, 5d COOLER NAIL, 0.086" DIAMETER, 1 5/8" LONG, 15/64" HEAD; OR GYPSUM BOARD NAIL, 0.086" DIAMETER, 1 5/8" LONG, 9/32" HEAD AT 7" O.C. AT ALL PANEL EDGES (INCLUDING TOP AND BOTTOM PLATES) AND 7" O.C. IN THE PANEL FIELD BWP USING BRACING METHODS PTH, PFG, OR CS-PF: - SEE SECTION/ DETAIL |



GREAT ROOM ELEVATION

Scale: 1/4" = 1'-0" (24x36)
 Scale: 1/8" = 1'-0" (11x17)



SECOND FLOOR FRAMING PLAN

ELEVATION D Scale: 1/4" = 1'-0" (24x36)
 Scale: 1/8" = 1'-0" (11x17)



A ASSOCIATES & ENZWEILER
 RESIDENTIAL DESIGN SPECIALISTS
 6402 EAST ALEXANDRIA PIKE
 COLD SPRING, KY 41076
 859-895-3721

Builder: John Henry Homes
 Homeowner: Market
 Location: Trails Four Bridges Lot # 357

Designed By: Assoc's & Enzweiler
 Proposed Residence For: Austin

CUSTOMER APPROVAL _____ DATE _____
 CUSTOMER APPROVAL _____ DATE _____

Sheet 3.2
 Second Floor Framing Plan