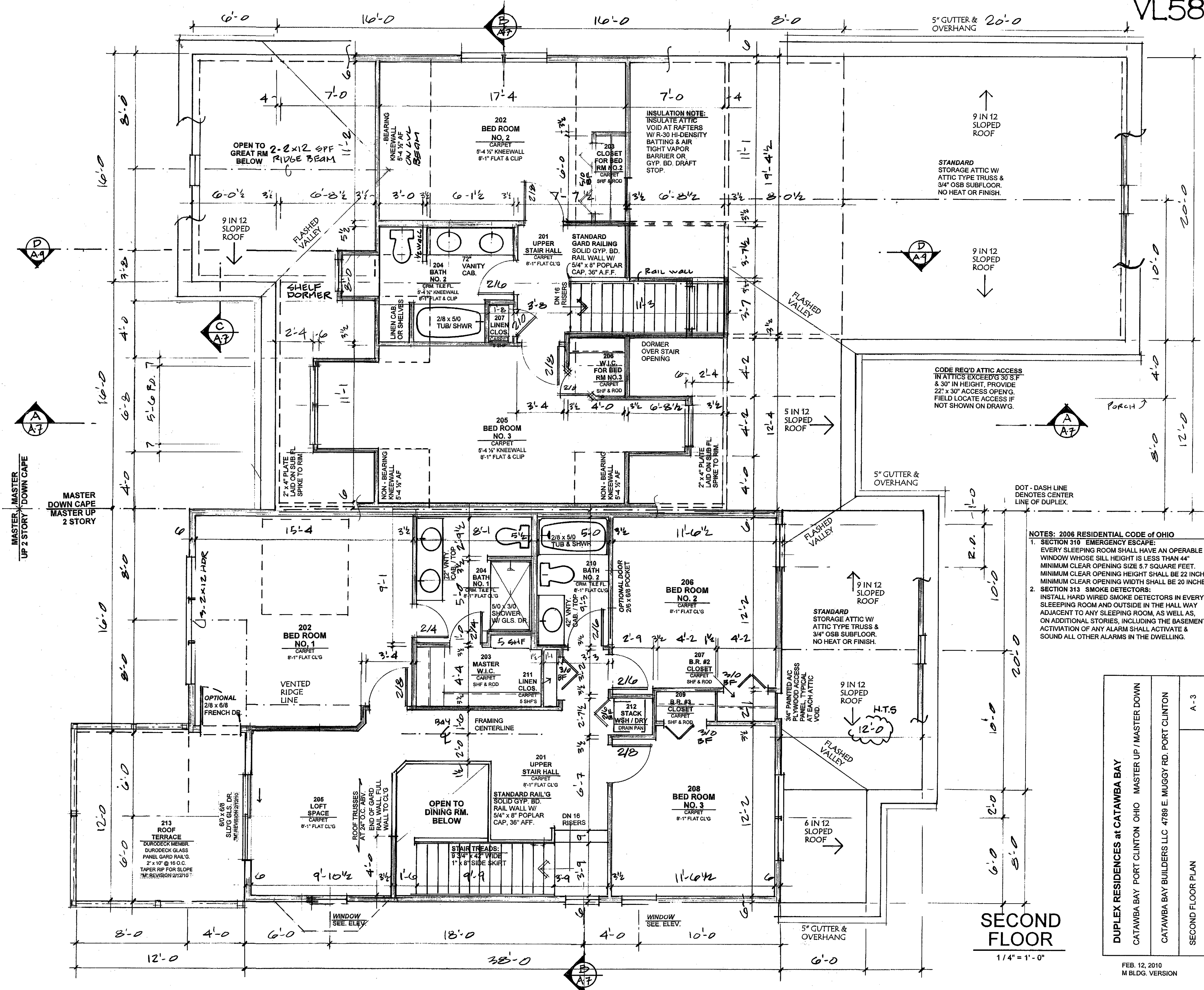


FIRST FLOOR
1/4" = 1'-0"

- GENERAL & FRAMING NOTES: DUPLEX**
1. FIELD VERIFY ALL CONDITIONS & DIMENSIONS.
 2. ROOM FLOOR FINISH & MILLWORK TRIM IS INDICATED BELOW ROOM NAME. CEILING HEIGHT GIVEN IS JOIST BEARING OR BOTTOM OF CEILING JOIST OR TRUSS.
 3. ALL DIMENSIONS ARE TO THE "ROUGH", U.N.O.
 4. SEE ELEVATIONS FOR WINDOW MAKE AND SIZES. VERIFY WINDOW ROUGH OPENING WITH SUPPLIER. GLAZING TO BE HI-PERFORMANCE TYPE, U.N.O.
 5. CASED OPENINGS (C.O.'S) ARE 6" - 10" AFF UNLESS OTHER HEIGHT IS GIVEN OR "TRANSOM" IS NOTED. INSULATION SHALL BE NOT LESS THAN REQUIRED BY O.B.C. CHAPTER 13 ENERGY CONSERVATION OR 2008 RESIDENTIAL CODE OF OHIO.
 6. TYPICAL WALL HEADER OPENINGS U.N.O. FOR SPANS UP TO 5'-0" USE 2-2" x 10". FOR SPANS UP TO 6'-0" USE 2-2" x 12". LONGER SPANS ARE AS NOTED OR CALL ME.
 7. L.V.L. DENOTES LAMINATED VENEER LUMBER.

| |
|---|
| DUPLEX RESIDENCES at CATAWBA BAY |
| CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN |
| CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON |
| FIRST FLOOR PLAN |

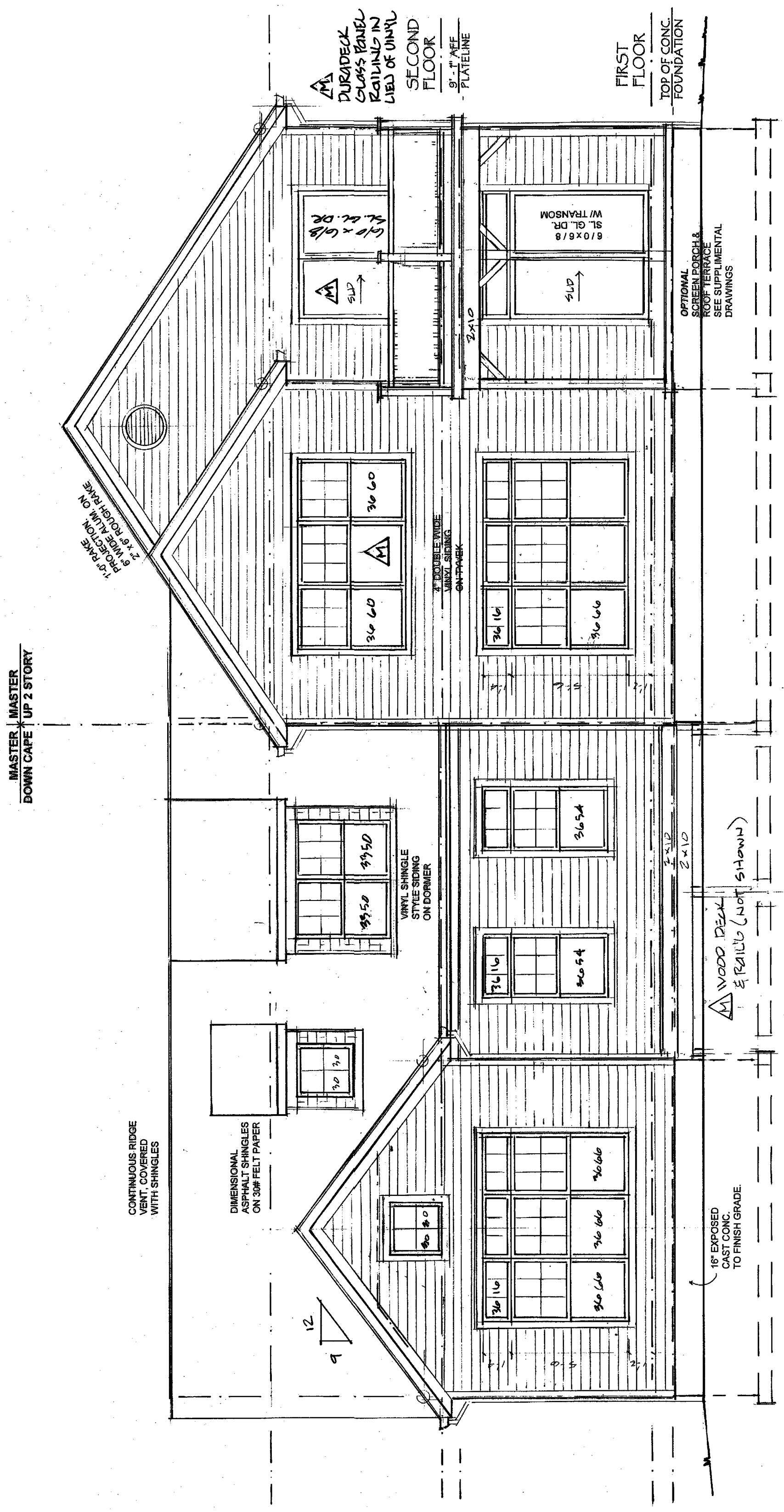


NOTES: 2006 RESIDENTIAL CODE OF OHIO

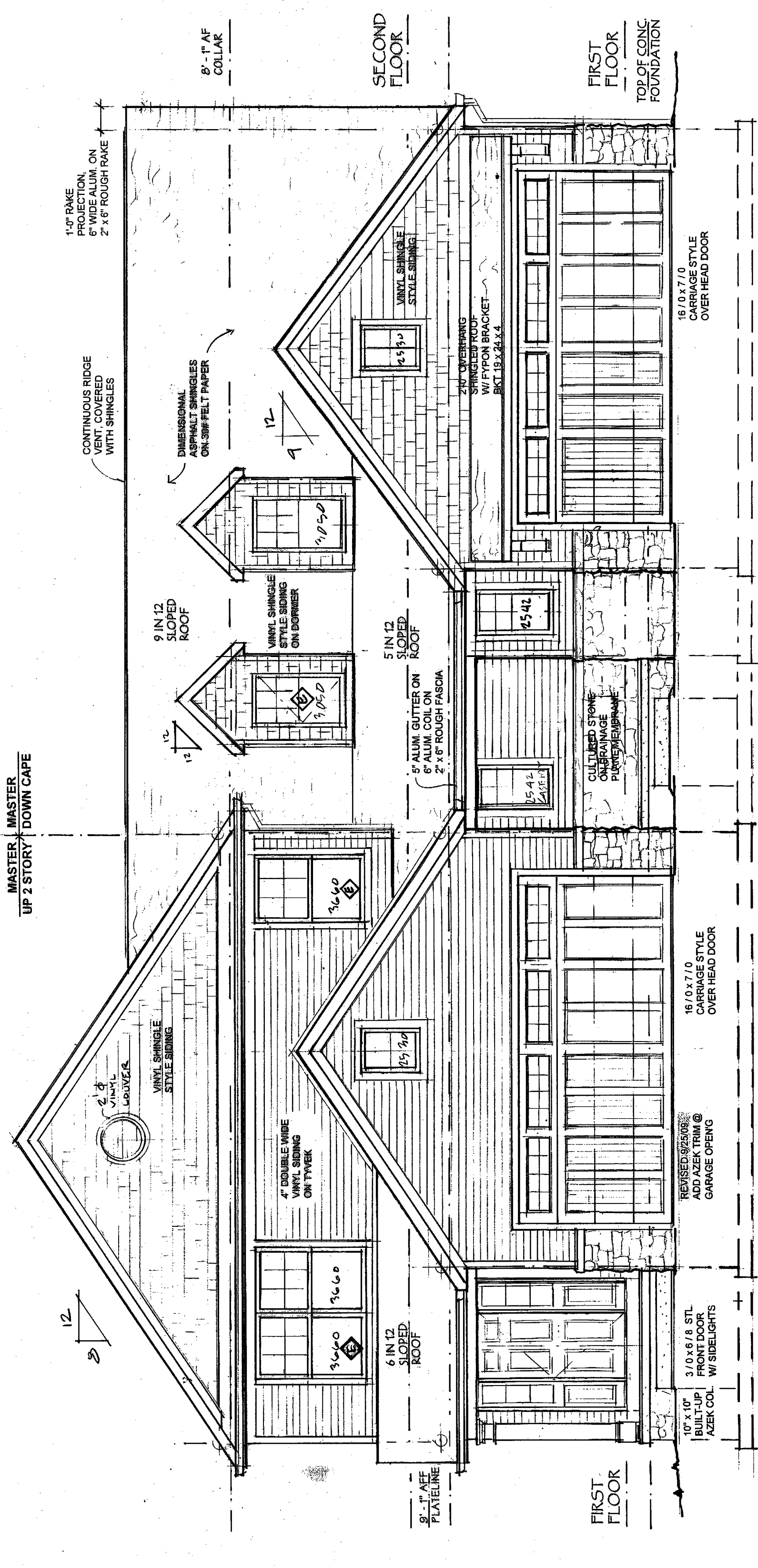
- SECTION 310 EMERGENCY ESCAPE:**
 EVERY SLEEPING ROOM SHALL HAVE AN OPERABLE WINDOW WHOSE SILL HEIGHT IS LESS THAN 44" MINIMUM CLEAR OPENING SIZE 5.7 SQUARE FEET. MINIMUM CLEAR OPENING HEIGHT SHALL BE 22 INCHES. MINIMUM CLEAR OPENING WIDTH SHALL BE 20 INCHES.
- SECTION 313 SMOKE DETECTORS:**
 INSTALL HARD WIRED SMOKE DETECTORS IN EVERY SLEEPING ROOM AND OUTSIDE IN THE HALL WAY ADJACENT TO ANY SLEEPING ROOM, AS WELL AS, ON ADDITIONAL STORIES, INCLUDING THE BASEMENT. ACTIVATION OF ANY ALARM SHALL ACTIVATE & SOUND ALL OTHER ALARMS IN THE DWELLING.

SECOND FLOOR
 1/4" = 1'-0"

| |
|---|
| DUPLEX RESIDENCES at CATAWBA BAY |
| CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN |
| CATAWBA BAY BUILDERS LLC 4788 E. MUGGY RD. PORT CLINTON |
| SECOND FLOOR PLAN |
| A-3 |



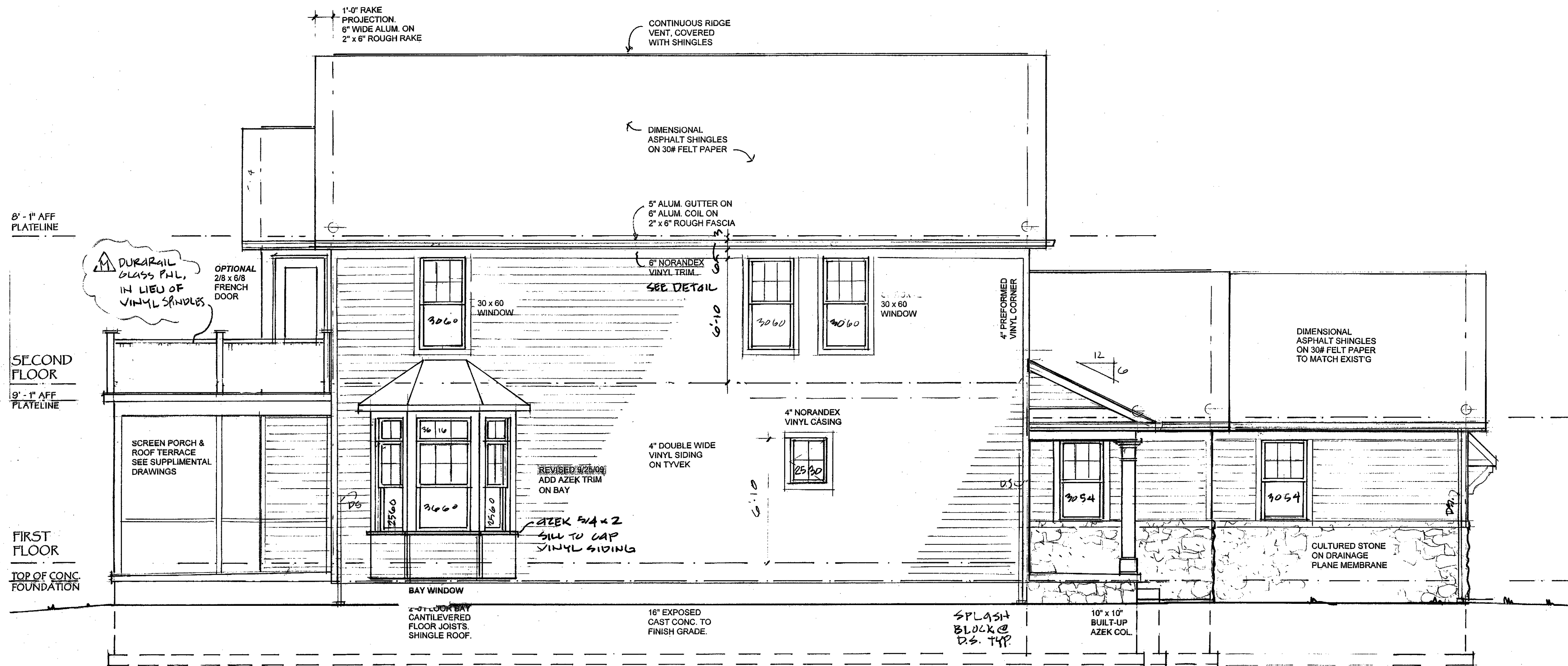
REAR ELEVATION
1/4" = 1'-0"



FRONT ELEVATION
1/4" = 1'-0"

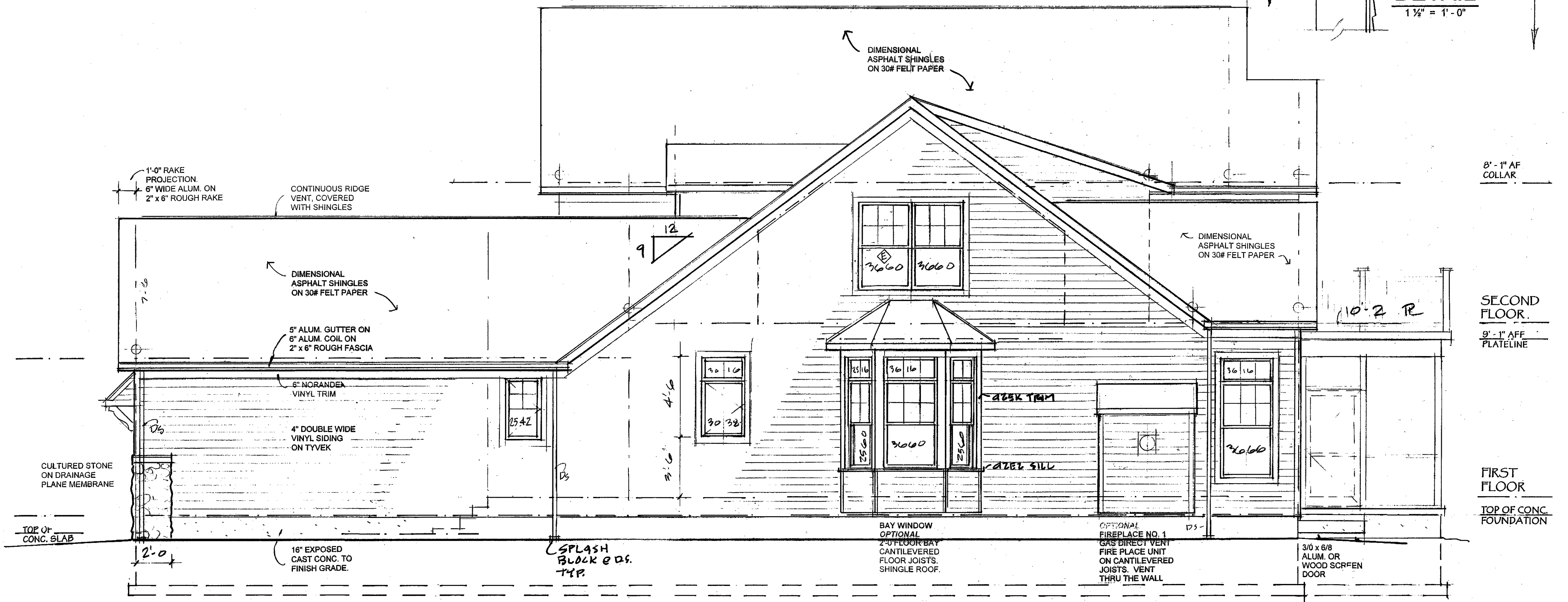
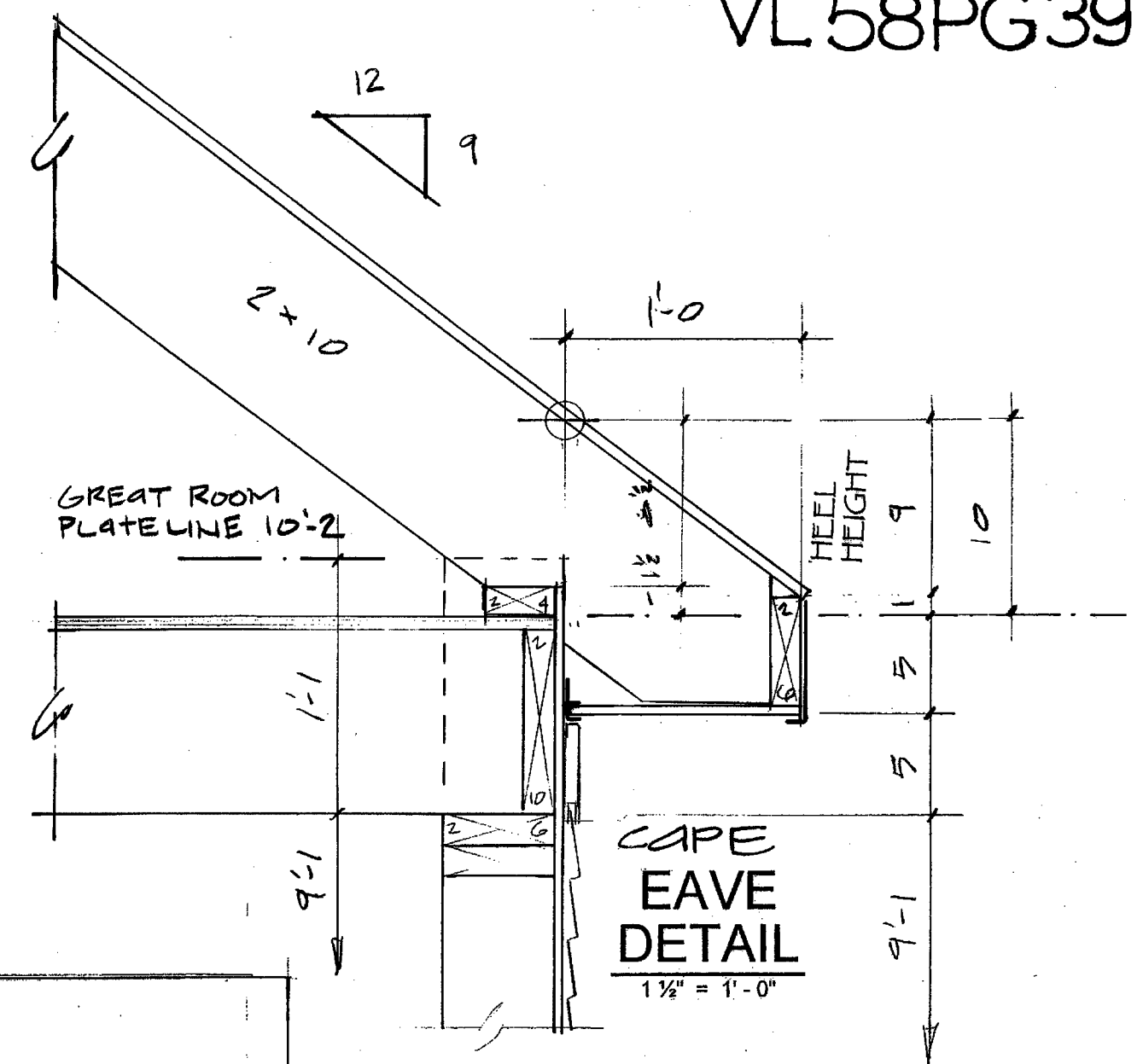
WINDOW SUPPLIER:
TO BE DETERMINED BY
VINYL OR CLAD WD.
MUTTIN BARS AS
SHOWN ON ELEV.
SIZE INDICATED BY:
MANUFACTURER'S
ID. NUMBER REFER TO
SPECIFICATIONS
FOR GLAZING
LIMIT VALUE 2.78

| | |
|---|------------|
| <p>DUPLEX RESIDENCES at CATAWBA BAY</p> <p>CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN</p> <p>CATAWBA BAY BUILDERS LLC 4788 E. MUGGY RD. PORT CLINTON</p> | |
| <p>FRONT & REAR ELEVATIONS</p> | <p>A-4</p> |



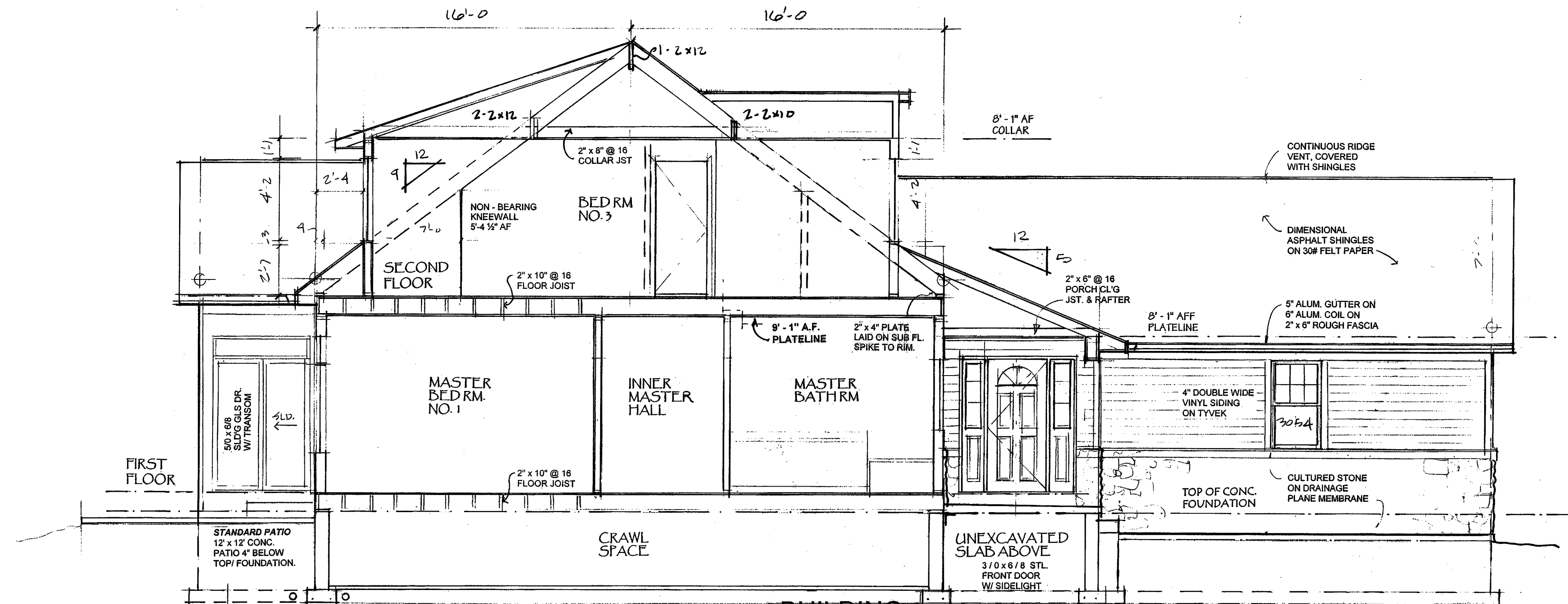
LEFT ELEVATION
1/4" = 1'-0"

| | | |
|---|----------------------------------|-------|
| DUPLEX RESIDENCES at CATAWBA BAY | | |
| CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN | | |
| CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON | | |
| LEFT ELEVATION | FEB. 12, 2010 M BLDG. VERSION | A - 5 |

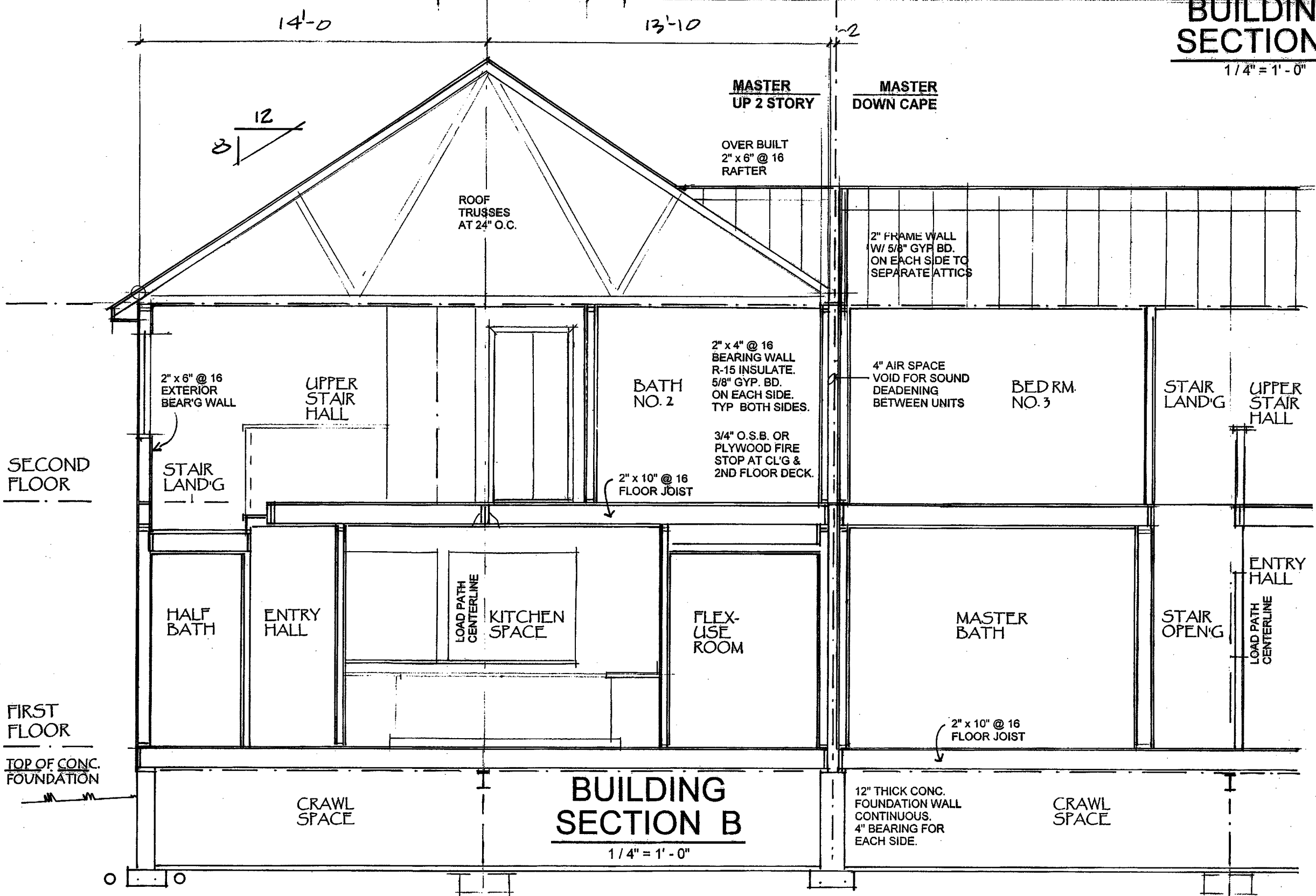


RIGHT ELEVATION
1/4" = 1'-0"

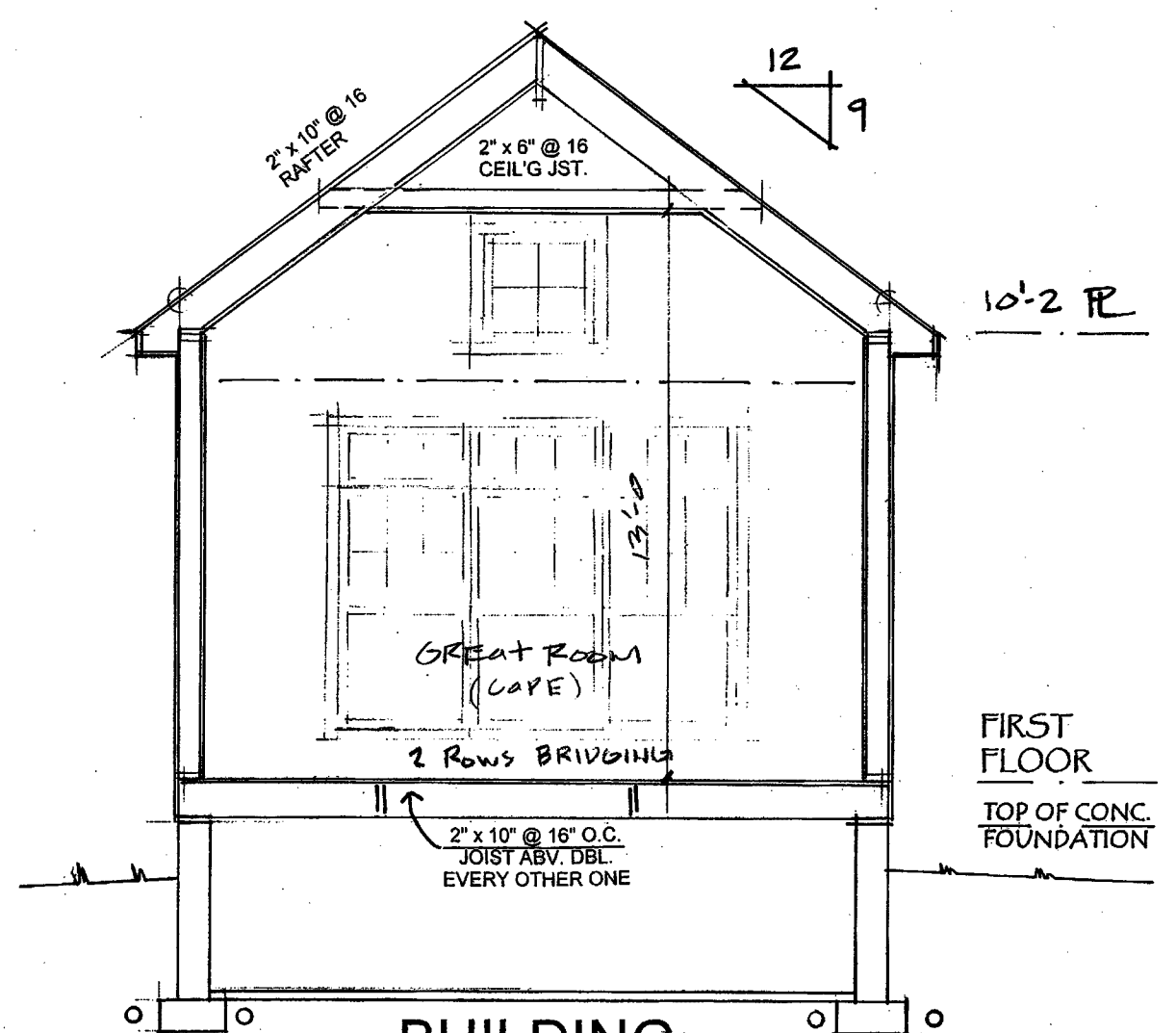
| | | |
|---|----------------------------------|-------|
| DUPLEX RESIDENCES at CATAWBA BAY | | |
| CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN | | |
| CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON | | |
| RIGHT ELEVATION | FEB. 12, 2010 M BLDG. VERSION | A - 6 |



BUILDING SECTION A
1/4" = 1'-0"

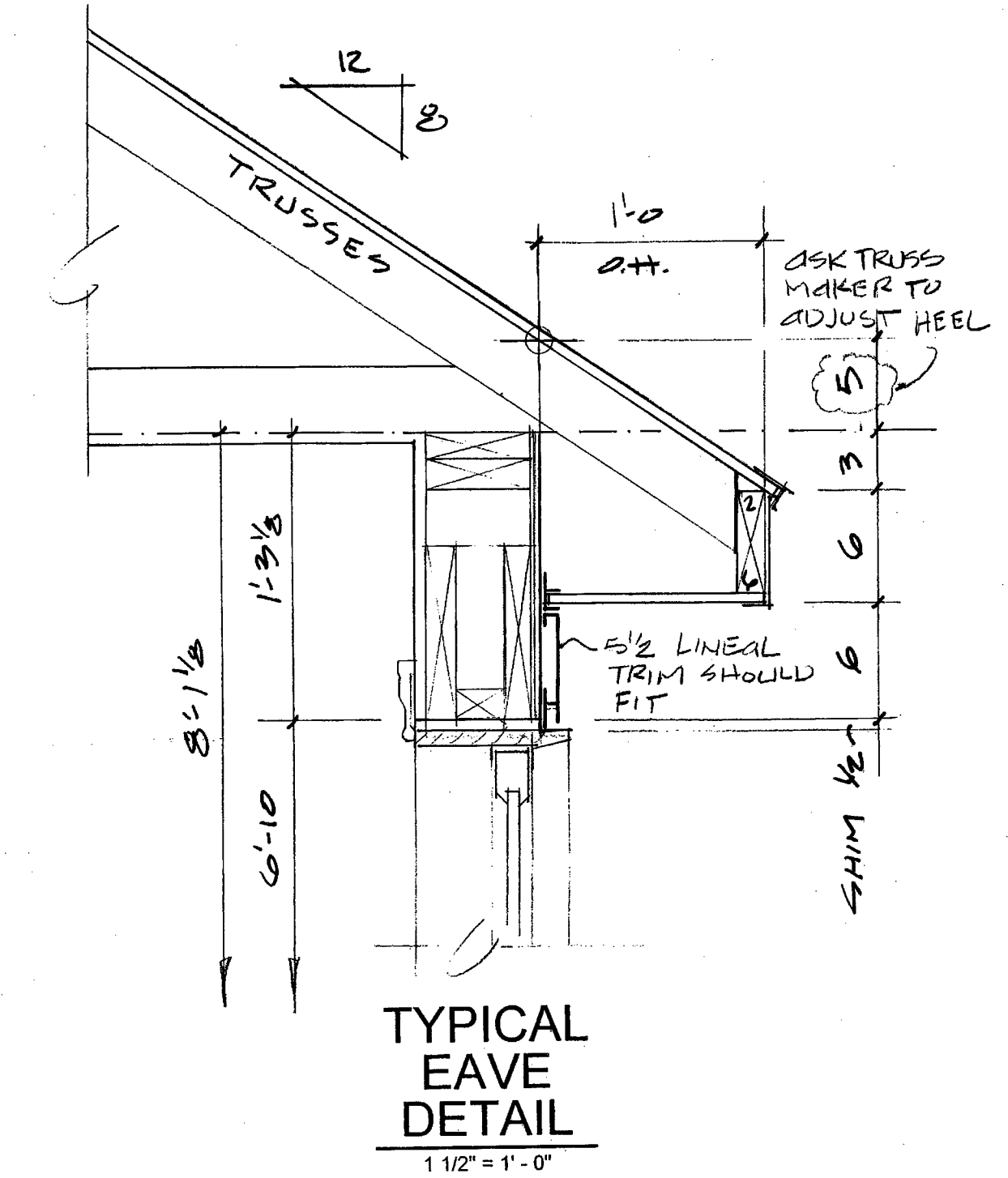
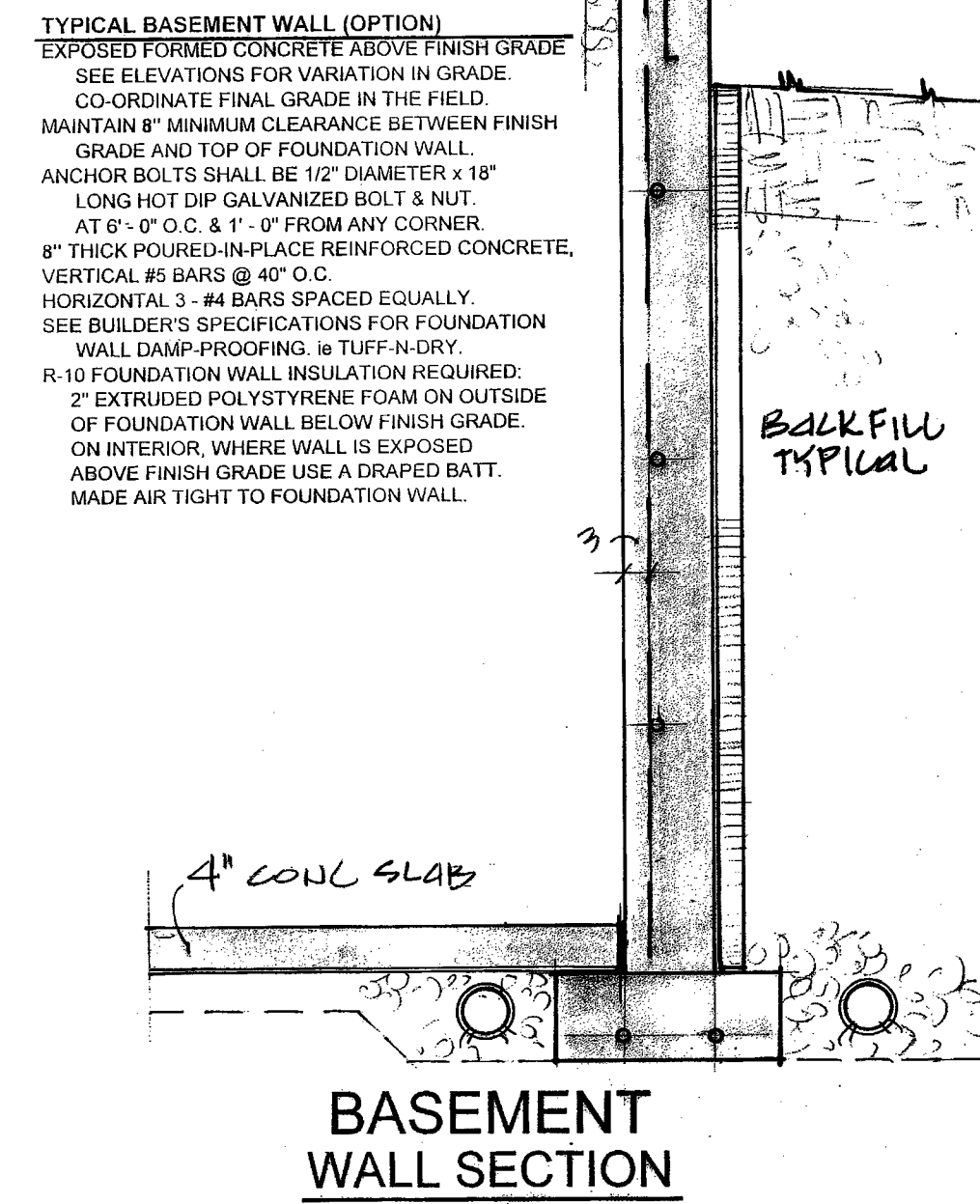
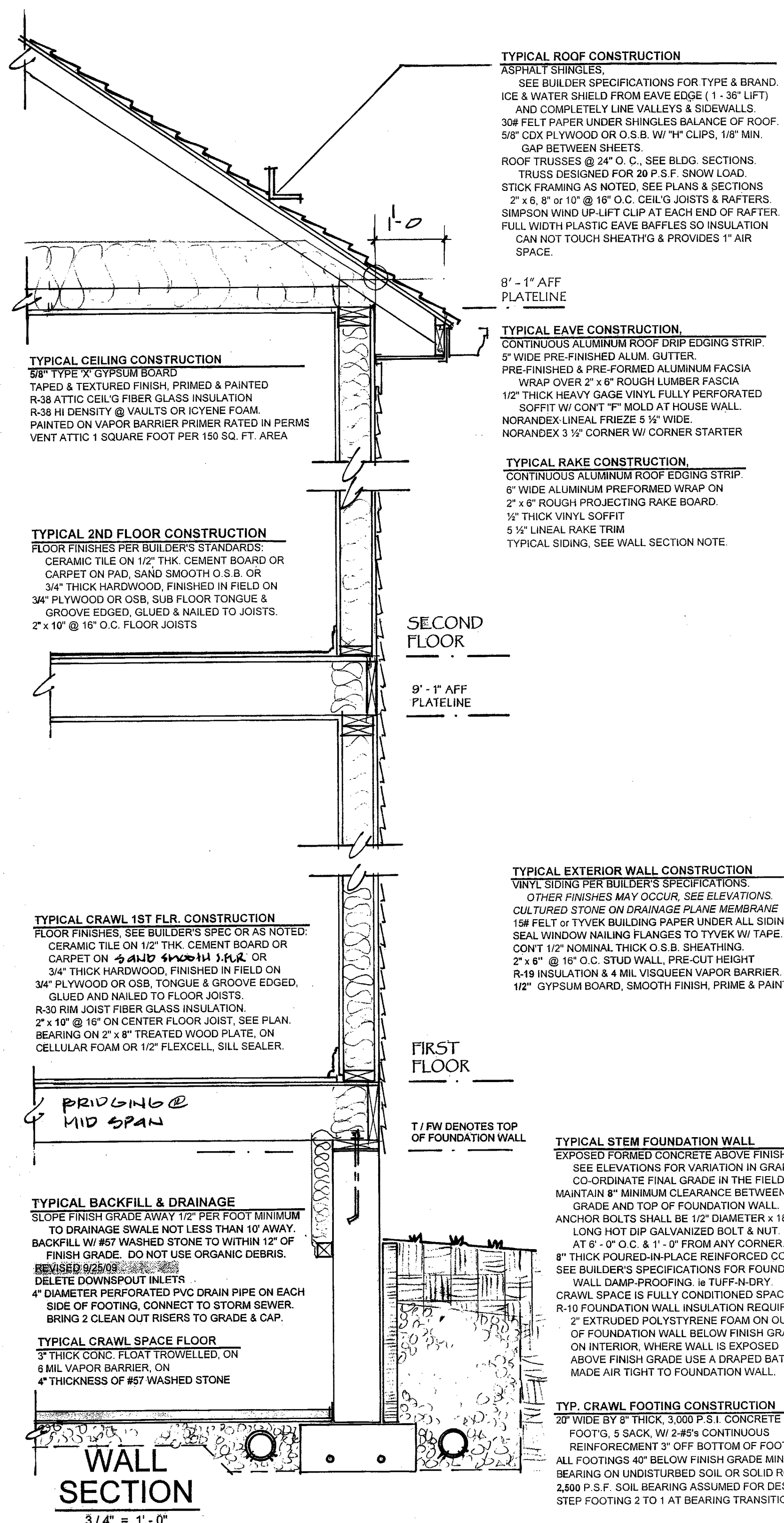


BUILDING SECTION B
1/4" = 1'-0"



BUILDING SECTION C
1/4" = 1'-0"

| | | |
|---|----------------------------------|-------|
| DUPLEX RESIDENCES at CATAWBA BAY | | |
| CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN | | |
| CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON | | |
| BUILDING SECTIONS & WALL SECTION | FEB. 12, 2010 M BLDG. VERSION | A - 7 |



DWELLING STRUCTURAL DESIGN NOTES

| DESIGN VALUES | REV 01/02/09 |
|---------------------------------|--------------|
| FIRST FLOOR LIVE LOAD | 40 PSF |
| SLEEPING FLOOR LIVE LOAD | 30 PSF |
| GARAGE FLOOR LIVE LOAD | 100 PSF |
| ATTIC W/ 30" HEADROOM LIVE LOAD | 20 PSF |
| FLOOR DEAD LOAD | 10 PSF |
| ROOF SNOW LOAD | 20 PSF |
| ROOF DEAD LOAD (TOP CORD) | 10 PSF |
| WIND (LATERAL) | 12 PSF |
| SOIL BEARING PRESSURE | 2,500 PSF |

SOIL BEARING VALUE IS ASSUMED & NOT RESULT OF TEST REPORT.
 INSPECT & VERIFY BEARING CONDITIONS DURING EXCAVATION.
 IF THERE IS UNCERTAINTY OWNER TO CONSULT SOILS ENGINEER.
 33% LIVE LOAD REDUCTION IS ASSUMED FOR FOOTINGS
 & COLUMNS WHERE TRIBUTARY AREA IS GREATER THAN 300 S.F.

ALLOWABLE DEFLECTION

| | |
|----------------------------|------------|
| FLOOR JOISTS & BEAMS | SPAN / 360 |
| CEILING OTHER THAN PLASTER | SPAN / 240 |
| ROOF RAFTERS | SPAN / 180 |

MATERIAL STRENGTH

| | |
|---------------------------------|---|
| JOISTS & RAFTER | NORMAL DURATION . Fb = 875 |
| | 15% ADJUSTMENT FOR REPETITIVE . 1,006 PSI |
| | PLUS 15% ADJUSTMENT FOR SNOW . 1,138 PSI |
| D. FIR OR S.P.F. NO. 2 & BETTER | E = 1.4 MIL |
| STUDS S.P.F. | Fb = 650 PSI |
| | E = 1.2 MIL |
| MICRO LAMINATED VENEER | Fb = 2,500 |
| | Denoted as "L.V.L." |
| | E = 1.9 MIL |
| | V = 285 PSI |
| STEEL | F = 36 KSI |
| | E = 29.0 MIL |
| CONCRETE, FOOTINGS, AT 28 DAYS | 3,000 PSI |
| CONCRETE, EXTERIOR SLABS | 4,000 PSI |
| REINFORCING RODS | 80 KSI |
| GROUT | 2,500 PSI |

THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE
 AFTER THE WORK IS COMPLETE. IT IS THE CONTRACTOR'S
 RESPONSIBILITY TO DESIGN, VERIFY AND DETERMINE ERECTION
 PROCEDURES, SHORING, BRACING AND ERECTION SEQUENCE, TO
 INSURE THE SAFETY AND STRUCTURAL INTEGRITY OF THE BUILDING.

SIZE OF UNITS

| | |
|---|---------------------|
| 2 STORY MASTER UP UNIT (LEFT SIDE) | |
| FIRST FLOOR | 892 GROSS SQ. FT. |
| 2ND FLOOR incl'g floor openings | 1,128 GROSS SQ. FT. |
| TOTAL UNIT | 2,020 GROSS SQ. FT. |
| 2ND FLOOR deduct optional | |
| sitting room & stair opening | -218 |
| TOTAL UNIT | 1,802 GROSS SQ. FT. |
| CAPE 1 1/2 STORY MASTER DOWN UNIT (RIGHT SIDE) | |
| FIRST FLOOR | 1,312 GROSS SQ. FT. |
| 2ND FLOOR incl'g stair openings | 624 GROSS SQ. FT. |
| TOTAL UNIT | 1,936 GROSS SQ. FT. |

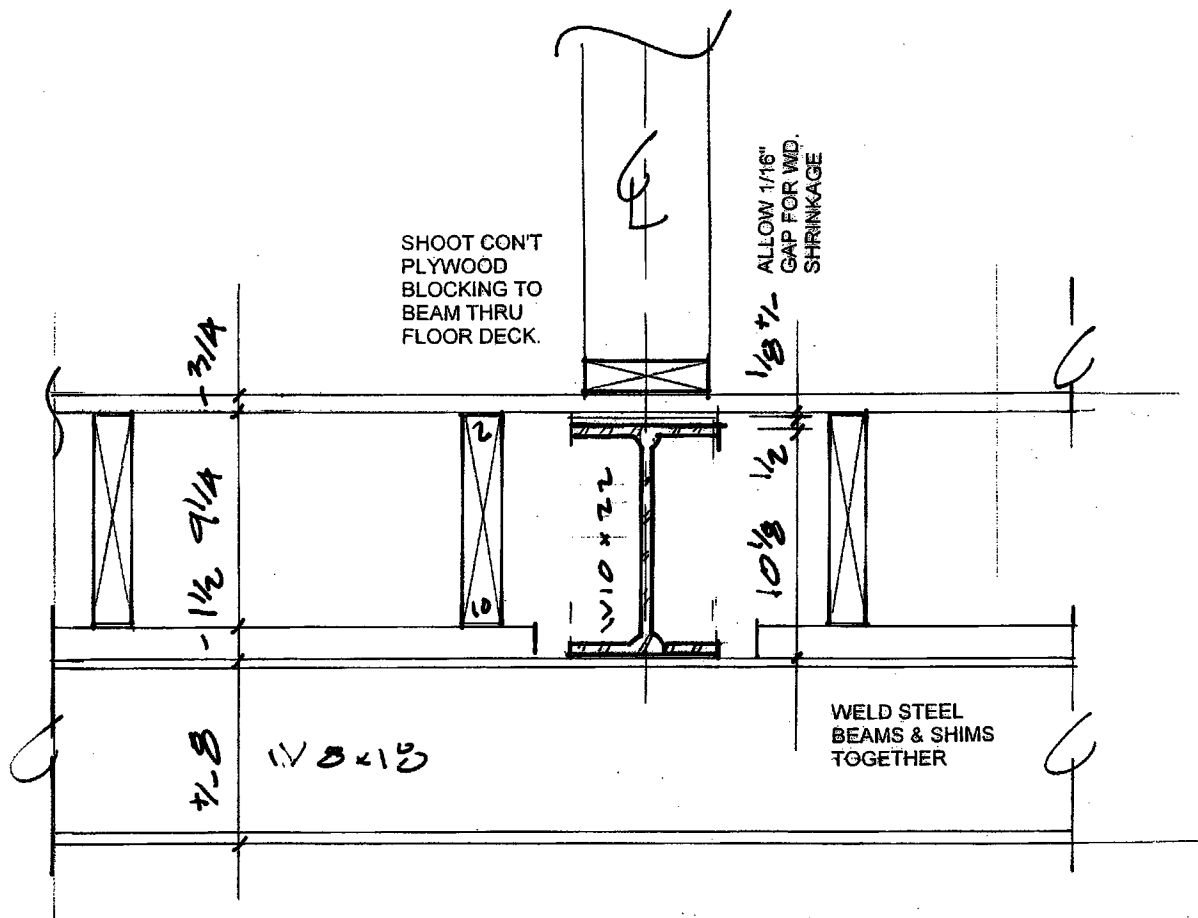
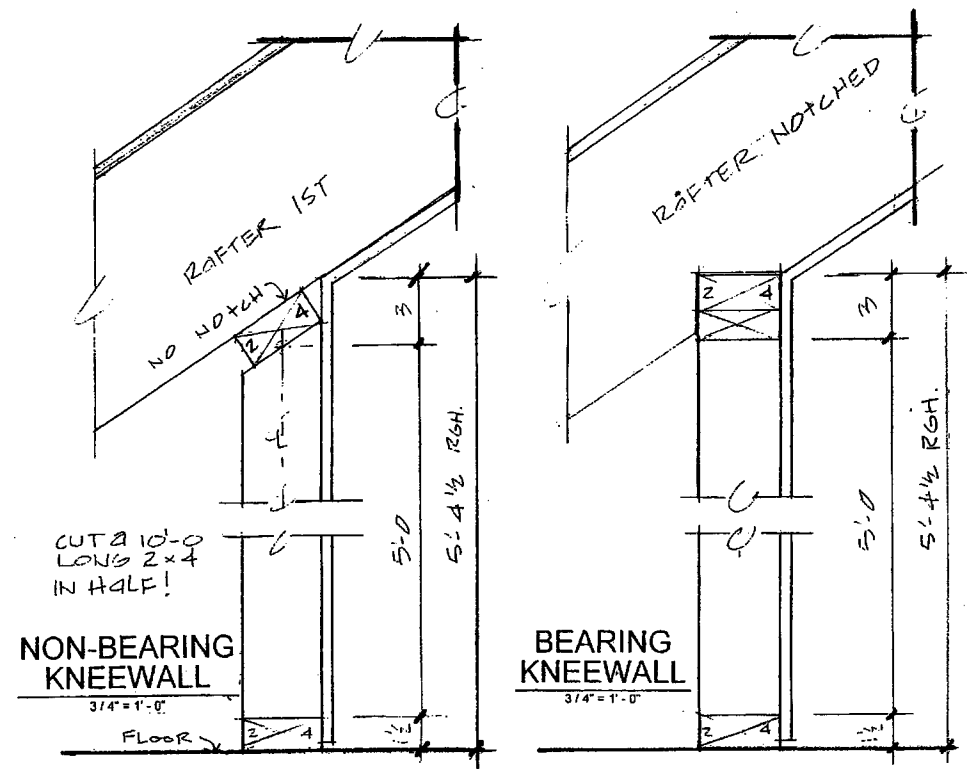
NOTE: For either unit add 12 sq. ft. for 2' x 8' angle bay.

DUPLEX RESIDENCES at CATAWBA BAY

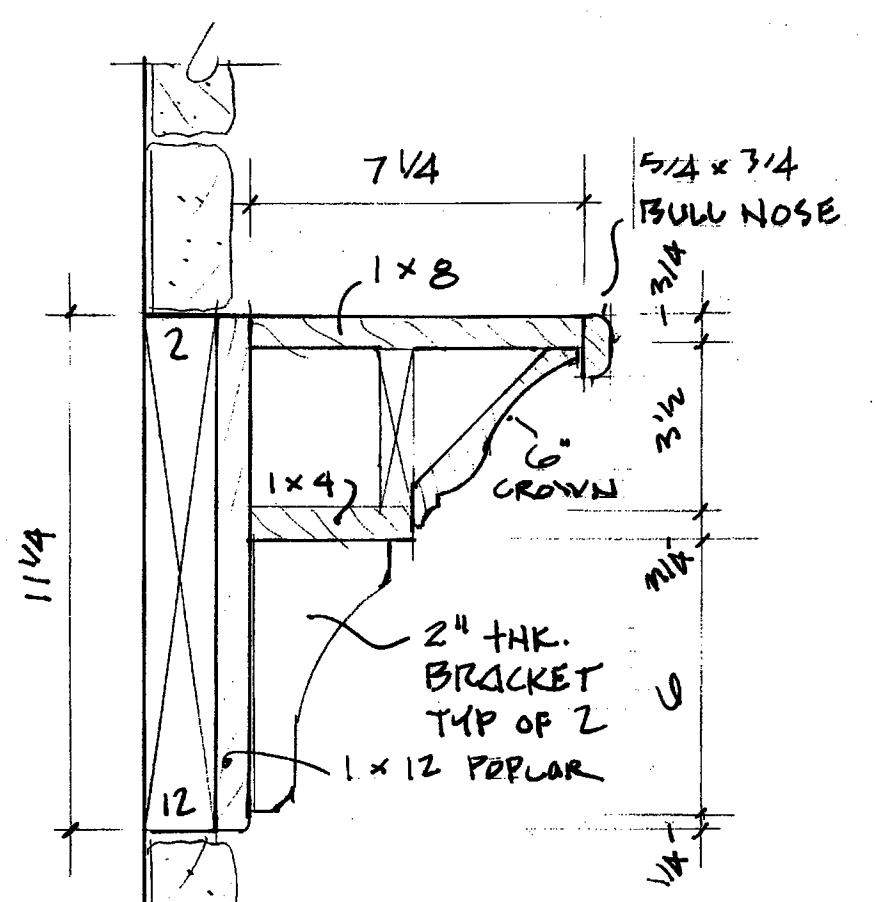
CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN

CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON

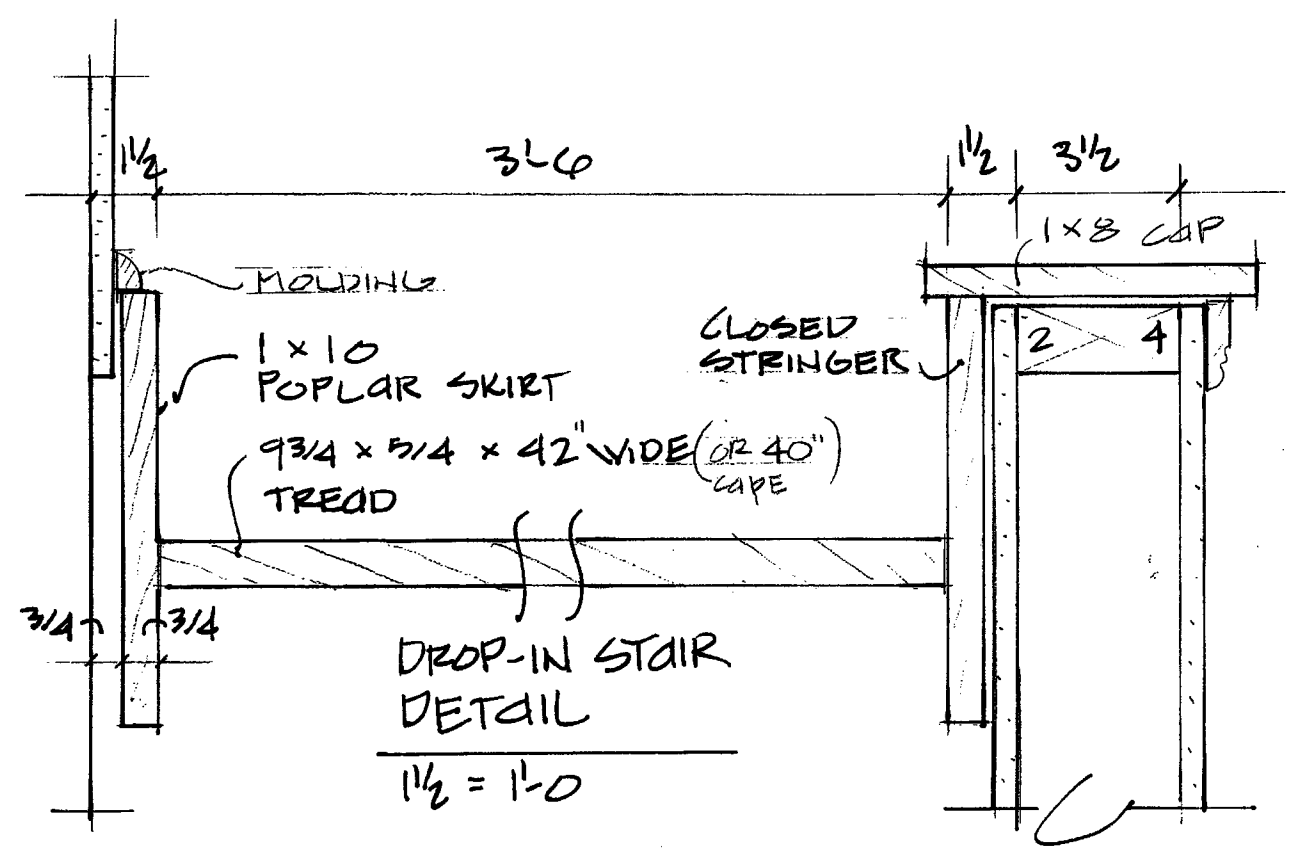
WALL SECTION & DETAILS FEB. 12, 2010 M BLDG. VERSION A - 8



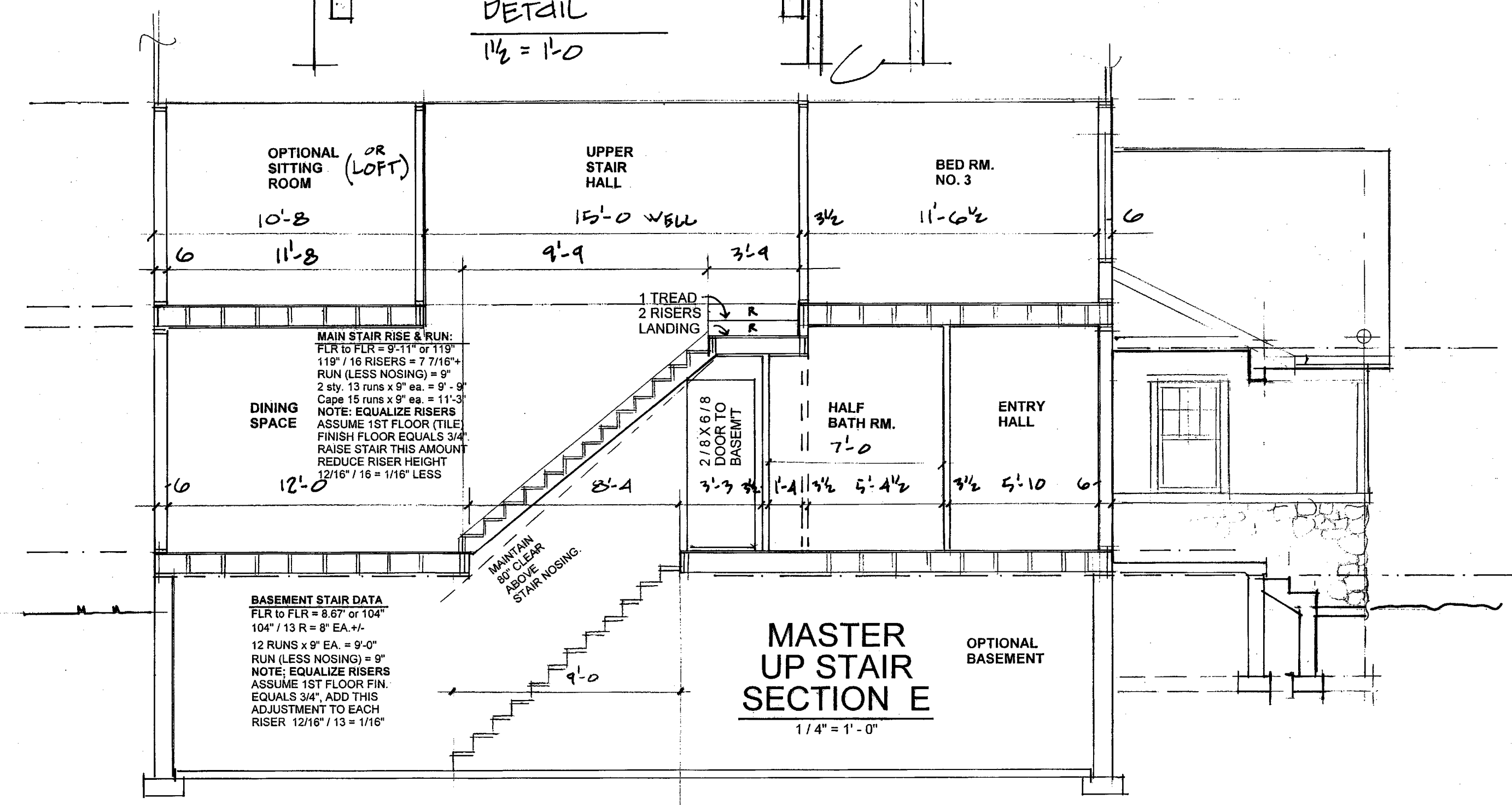
STACK BEAM DETAIL
1 1/2" = 1'-0"



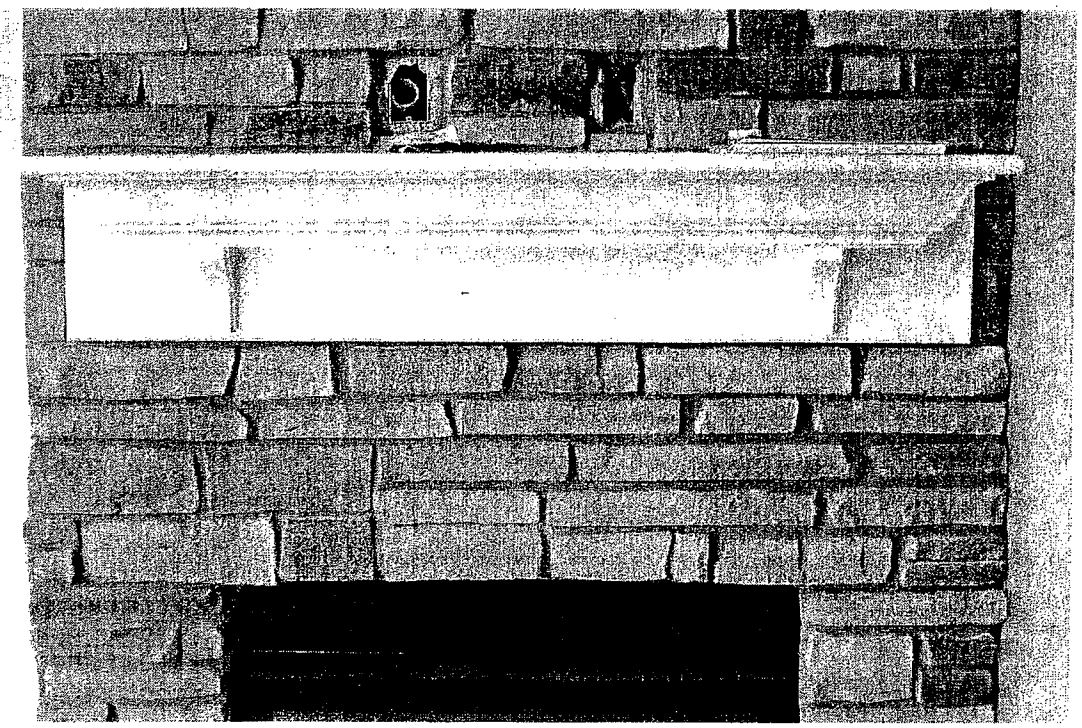
MANTLE DETAIL
1 1/2" = 1'-0"



DROP-IN STAIR DETAIL
1 1/2" = 1'-0"



MASTER UP STAIR SECTION E
1 1/4" = 1'-0"



MANTLE PHOTO
NO SCALE

| | | |
|---|----------------------------------|--------|
| DUPLEX RESIDENCES at CATAWBA BAY | | |
| CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN | | |
| CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON | | |
| MISC. DETAILS | FEB. 12, 2010 M BLDG. VERSION | A - 10 |

UNIT J.2

UNIT J.1

FIREPLACE NO. 1
GAS DIRECT VENT
FIRE PLACE UNIT
ON CANTILEVERED
JOISTS. VENT
THRU THE WALL

STRUCTURAL NOTE:
16" WIDE FRAMING BAY
REQUIRES 2" x 10" @ 16"
DOUBLING EVERY OTHER
ONE FOR SPF LUMBER.
IN LIEU OF THIS, "TJ's"
SELECTED FOR L / 480
DEFLECTION CRITERIA
AT 40 PSF LIVE LOAD
& 10 PSF DEAD LOAD,
TO REDUCE BOUNCE.

F-3 COL. FOOTG
2'-0" x 2'-0" x 1'-0"
THICK CONCRETE
COLUMN FOOTG
W/ 3-#5's EA. WAY
3" OFF BOTTOM
TYPICAL, U.N.O.
1.5K x 9.7 x .66 / 2,500 = 3.8 SF

**UNFINISHED
BASEMENT**
4" CONC. SLAB ON
6 MIL POLYETHYLENE
ON 4" #57 STONE FILL

GENERAL & FOUNDATION NOTES: DUPLEX

- FOUNDATION WALL: CAST-IN-PLACE 8" THICK REINFORCED CONCRETE, 8'-0" HIGH BASEMENT WALL.
- BOTTOM OF FOOTINGS SHALL BE A MINIMUM OF 40" BELOW FINISH GRADE.
- FOUNDATION EXPOSED ABOVE FINISH GRADE SHALL BE: EXPOSED CAST CONC., NO PATTERN.
- "T / FW" DENOTES TOP OF FOUNDATION WALL.
- "U.N.O." DENOTES "UNLESS NOTED OTHERWISE".
- "EX" DENOTES EXISTING CONDITION OR MATERIAL.
- THE DESIGN OF H.V.A.C., PLUMB'G, ELECTRICAL & GAS SYSTEMS SHALL BE BY THE RESPECTIVE SUB-TRADES. ANY LOCATIONS SHOWN ON THESE DRAWINGS ARE SCHEMATIC & SHALL BE VERIFIED IN THE FIELD & RECALCULATED BY THE SUB-TRADE.

- FIELD VERIFY THE LOCATION OF WATER, SANITARY STORM AND GAS CONNECTIONS AND / OR INVERTS.
- CONNECT SDR-35 4" DIAMETER DOWNSPOUTS INLETS & FOOTING DRAINS INTO STORM SEWER.
- DO NOT CROSS CONNECT STORM & SANITARY SEWER.
- PROVIDE SUMP PUMP FOR NEW FOOTING DRAINS, IF GRADE IS NOT FAVORABLE FOR GRAVITY DISCHARGE. PROVIDE BATTERY BACK-UP IF SUMP PUMP INSTALLED.
- PROVIDE SWITCHED 100 WATT KEYLESS LIGHTS IN UNFINISHED CRAWL AREAS, ONE PER 200 SQUARE FEET OR AT 14' O.C. +/-.
- LOCATE (SANITARY) FLOOR DRAIN NEAR HOT WATER TANK & FURNACE(S) FOR A/C CONDENSATE. PROVIDE TRAP PRIMER.

AT FRONT STOOP
PROVIDE CAST IN PLACE
SLAB SUPPORTS @ 48"
O.C., FLUSH W/ TOP OF
OF FOUNDATION WALL.

**FRONT STOOP
UNEXCAVATED
CONC. SLAB**
4" CONC. SLAB ON
#57 STONE FILL
COMPACTED FILL

**GARAGE
UNEXCAVATED
CONC. SLAB**
4" CONC. SLAB ON
6 MIL POLYETHYLENE
ON 4" #57 STONE FILL
COMPACTED SUB GRADE

STRUCTURAL NOTE:
STEEL BEAM TO BEAR
ON 7" OF FOUNDATION
WALL AND THEN THE
POCKET SHALL BE
FILLED SOLID WITH
GROUT.

STRUCTURAL NOTE:
PERPENDICULAR
STACKED STEEL BEAM
IS TO PICKUP COLUMN
LOAD FROM KITCHEN
ABOVE. CENTER
COLUMN OVER CENTER
LINE OF BEAM. WELD
BEAMS TOGETHER.

**FRONT STOOP
UNEXCAVATED
CONC. SLAB**
4" CONC. SLAB ON
#57 STONE FILL
COMPACTED FILL

AT FRONT STOOP
PROVIDE CAST IN PLACE
SLAB SUPPORTS @ 48"
O.C., FLUSH W/ TOP OF
OF FOUNDATION WALL.

4" DOWN-SPOUT INLET
CONNECT TO STORM
SEWER, TYPICAL.

BASEMENT
1/4" = 1'-0"

INDEX OF DRAWINGS for DUPLEX

| | |
|-------|--------------------------------|
| C - 1 | SITE PLAN (PREPARED BY OTHERS) |
| A - 1 | FOUNDATION PLAN |
| A - 2 | FIRST FLOOR PLAN |
| A - 3 | SECOND FLOOR PLAN |
| A - 4 | FRONT & REAR ELEVATIONS |
| A - 5 | LEFT ELEVATION |
| A - 6 | RIGHT ELEVATION |
| A - 7 | BUILDING SECTIONS A & B |
| A - 8 | WALL SECTIONS & DETAILS |

THESE ARCHITECTURAL DRAWINGS:
THESE DRAWINGS CONSTITUTE ONE PART OF THE CONTRACT DOCUMENTS FOR USE BY THE BUILDER. THE SPECIFICATIONS, ALLOWANCES, SUPPLEMENTAL DETAILS, SHOP DRAWINGS, FIELD CHANGES, FINISHING DETAILS AND ANY OTHER CONTRACT AGREEMENTS ARE PREPARED AND PROVIDED BY THE BUILDER TO THE FUTURE OWNER WITHOUT REVIEW BY THE PREPARED OF THESE DRAWINGS. NO ON SITE OBSERVATION OR INSPECTIONS IS PROVIDED BY THE PREPARED OF THE DRAWINGS.

PRINT HISTORY
FEB. 17, 2009
ADD OPT. BASEMENT

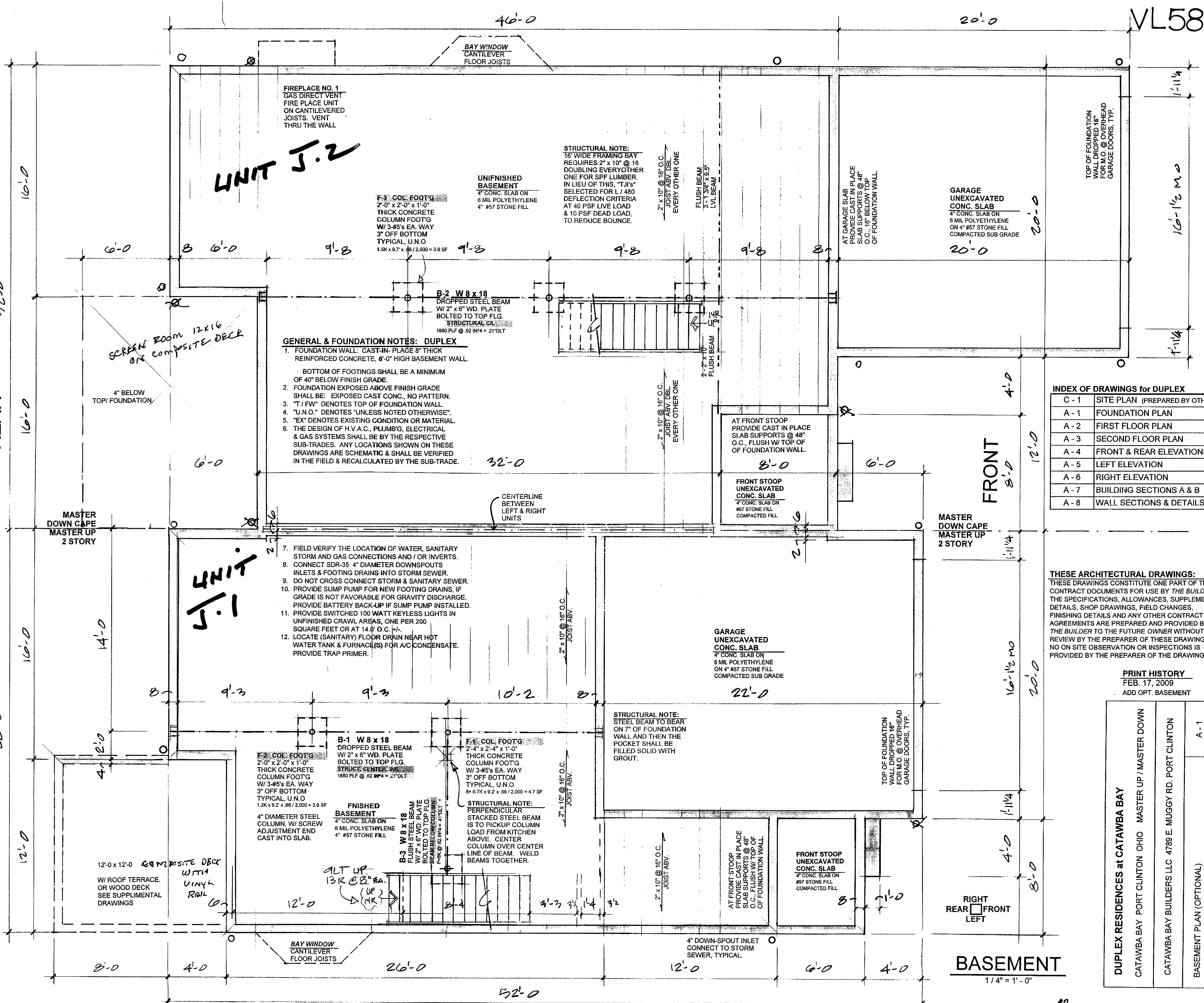
| | | |
|---|---|-------|
| DUPLEX RESIDENCES at CATAWBA BAY | PORT CLINTON OHIO MASTER UP / MASTER DOWN | A - 1 |
| CATAWBA BAY BUILDERS LLC 4788 E. MUGGY RD. PORT CLINTON | | |
| BASEMENT PLAN (OPTIONAL) | | |

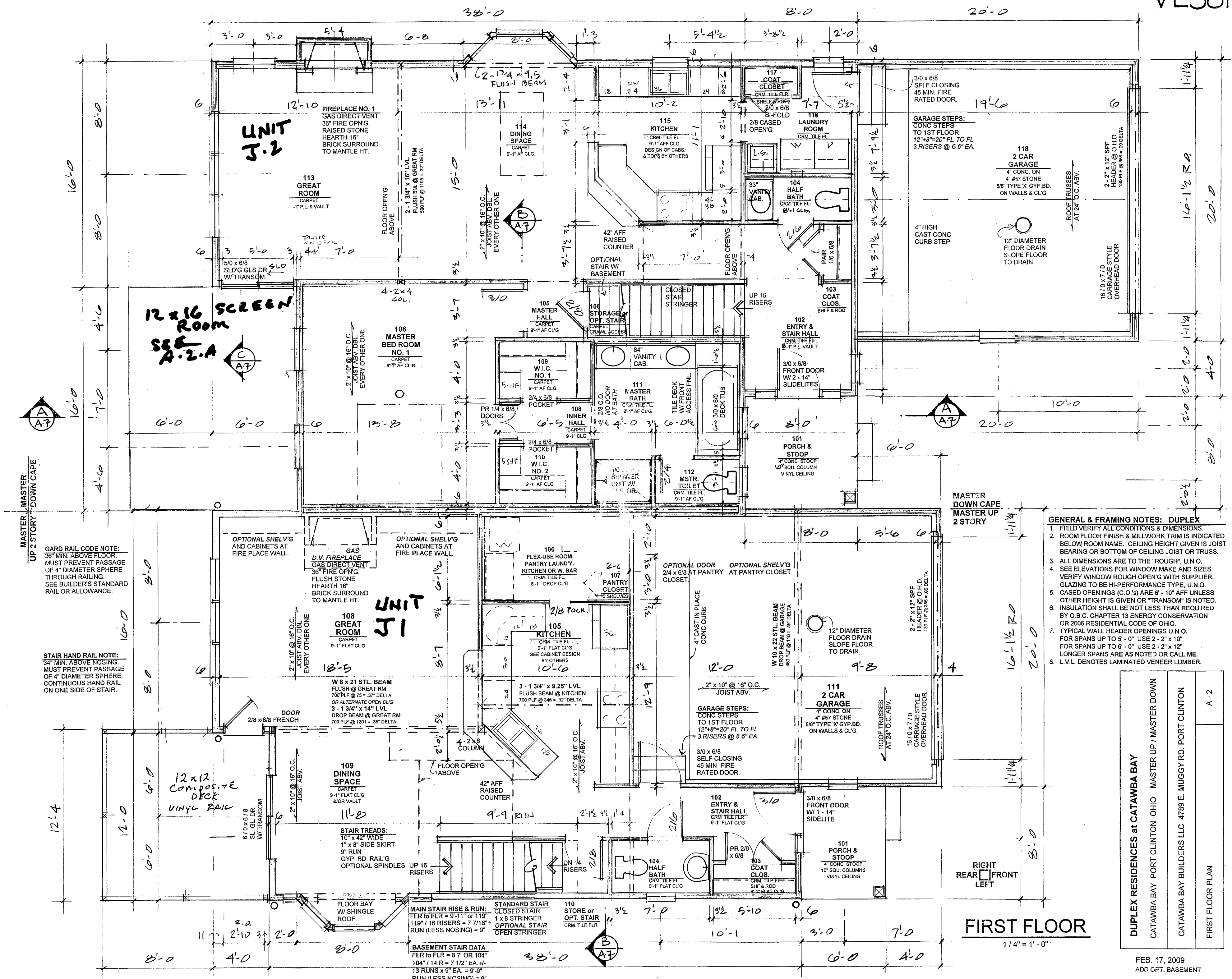
30' - 2" = 29' 8"

REAR

FRONT

RIGHT REAR FRONT LEFT





- GENERAL & FRAMING NOTES: DUPLEX**
1. FIELD VERIFY ALL CONDITIONS & DIMENSIONS.
 2. ROOM FLOOR FINISH & MILLWORK TRIM IS INDICATED BELOW ROOM NAME. CEILING HEIGHT GIVEN IS JOIST BEARING OR BOTTOM OF CEILING JOIST OR TRUSS.
 3. ALL DIMENSIONS ARE TO THE "ROUGH", U.N.O.
 4. SEE ELEVATIONS FOR WINDOW MAKE AND SIZES. VERIFY WINDOW ROUGH OPENING WITH SUPPLIER. GLAZING TO BE HI-PERFORMANCE TYPE, U.N.O.
 5. CASED OPENINGS (C.O.'s) ARE 6" - 10" AFF UNLESS OTHER HEIGHT IS GIVEN OR "TRANSOM" IS NOTED.
 6. INSULATION SHALL BE NOT LESS THAN REQUIRED BY O.B.C. CHAPTER 13 ENERGY CONSERVATION OR 2006 RESIDENTIAL CODE OF OHIO.
 7. TYPICAL WALL HEADER OPENINGS U.N.O. FOR SPANS UP TO 5' - 0" USE 2" x 2" x 10" FOR SPANS UP TO 6' - 0" USE 2" x 2" x 12" LONGER SPANS ARE AS NOTED OR CALL ME.
 8. L.V.L. DENOTES LAMINATED VENEER LUMBER.

FIRST FLOOR
1/4" = 1' - 0"

| | | |
|----------------------------------|--------------------------------|-----|
| DUPLEX RESIDENCES at CATAWBA BAY | MASTER UP / MASTER DOWN | A-2 |
| CATAWBA BAY | PORT CLINTON OHIO | |
| CATAWBA BAY BUILDERS LLC | 4789 E. MUGGY RD. PORT CLINTON | |
| FIRST FLOOR PLAN | | |

FEB. 17, 2009
ADD CPT. BASEMENT

UP 2 STORY / MASTER DOWN CAPE

STAIR HAND RAIL NOTE:
34" MIN. ABOVE NOSING.
MUST PREVENT PASSAGE OF 4" DIAMETER SPHERE THROUGH RAILING.
CONTINUOUS HAND RAIL ON ONE SIDE OF STAIR.

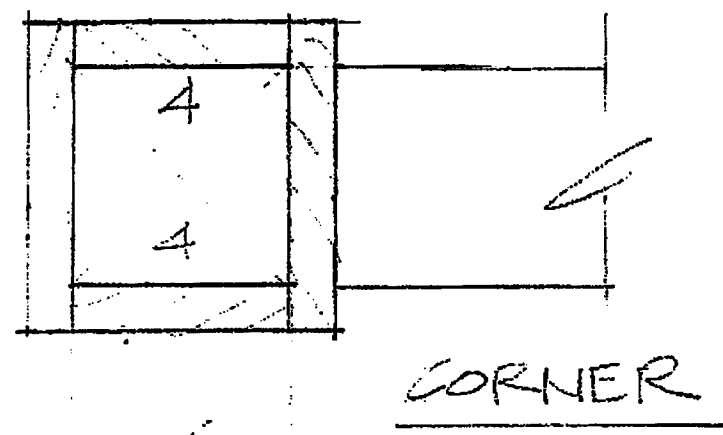
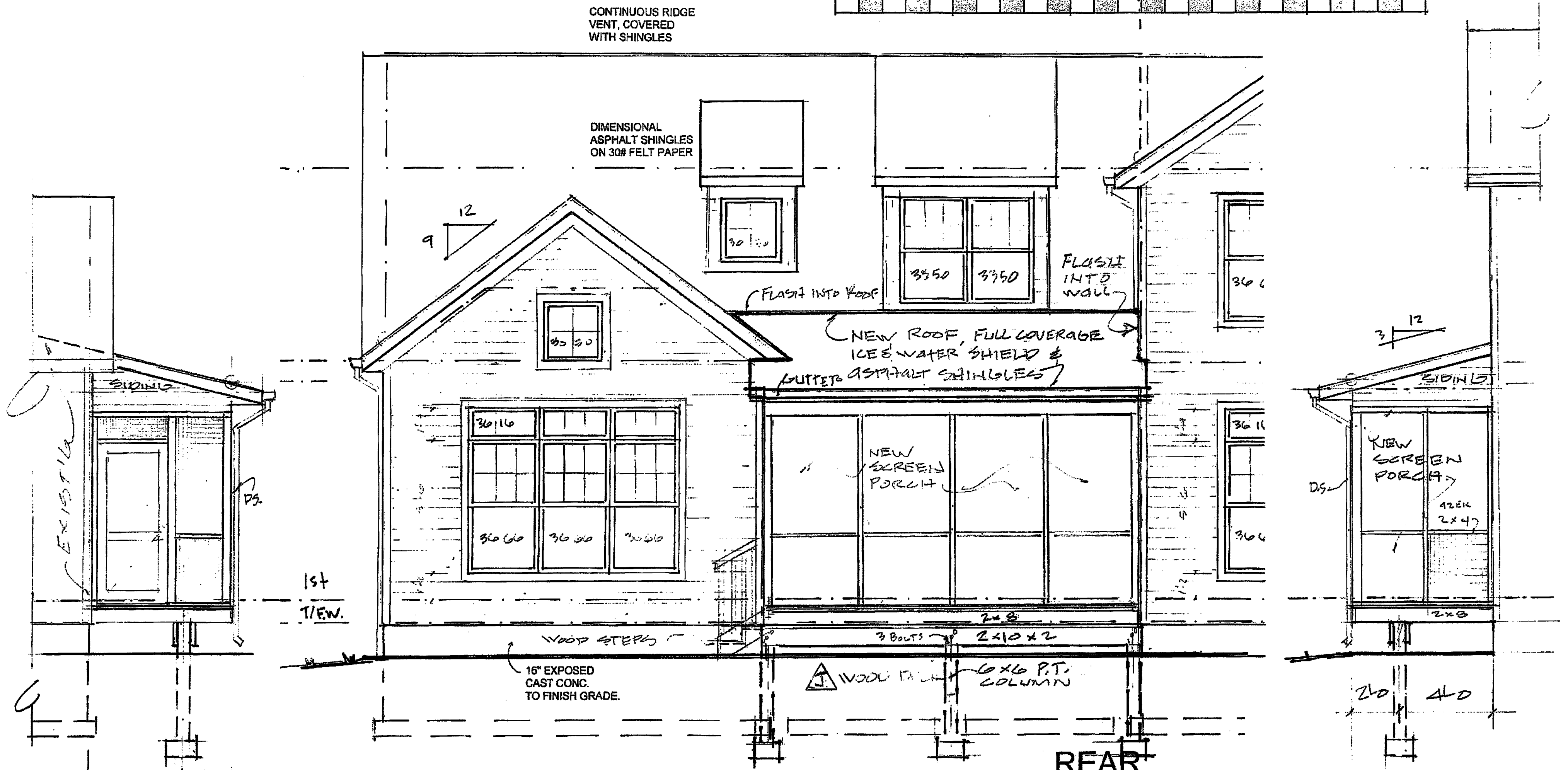
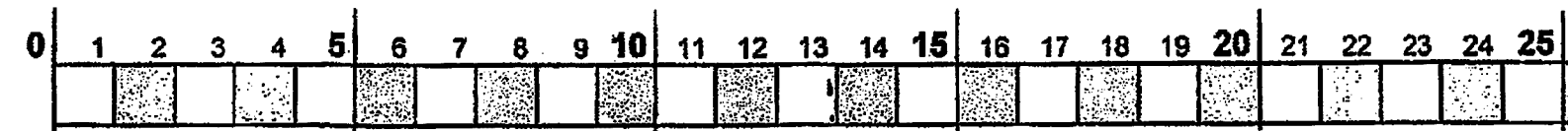
GARD RAIL CODE NOTE:
36" MIN. ABOVE FLOOR.
MUST PREVENT PASSAGE OF 4" DIAMETER SPHERE THROUGH RAILING.
SEE BUILDER'S STANDARD RAIL OR ALLOWANCE.

BASEMENT STAIR DATA
FLR TO FLR = 8.7' OR 104"
119" / 16 RISERS = 7.7125' EA. +
13 RUNS x 9" EA. = 9'-9"
RUN (LESS NOSING) = 9'

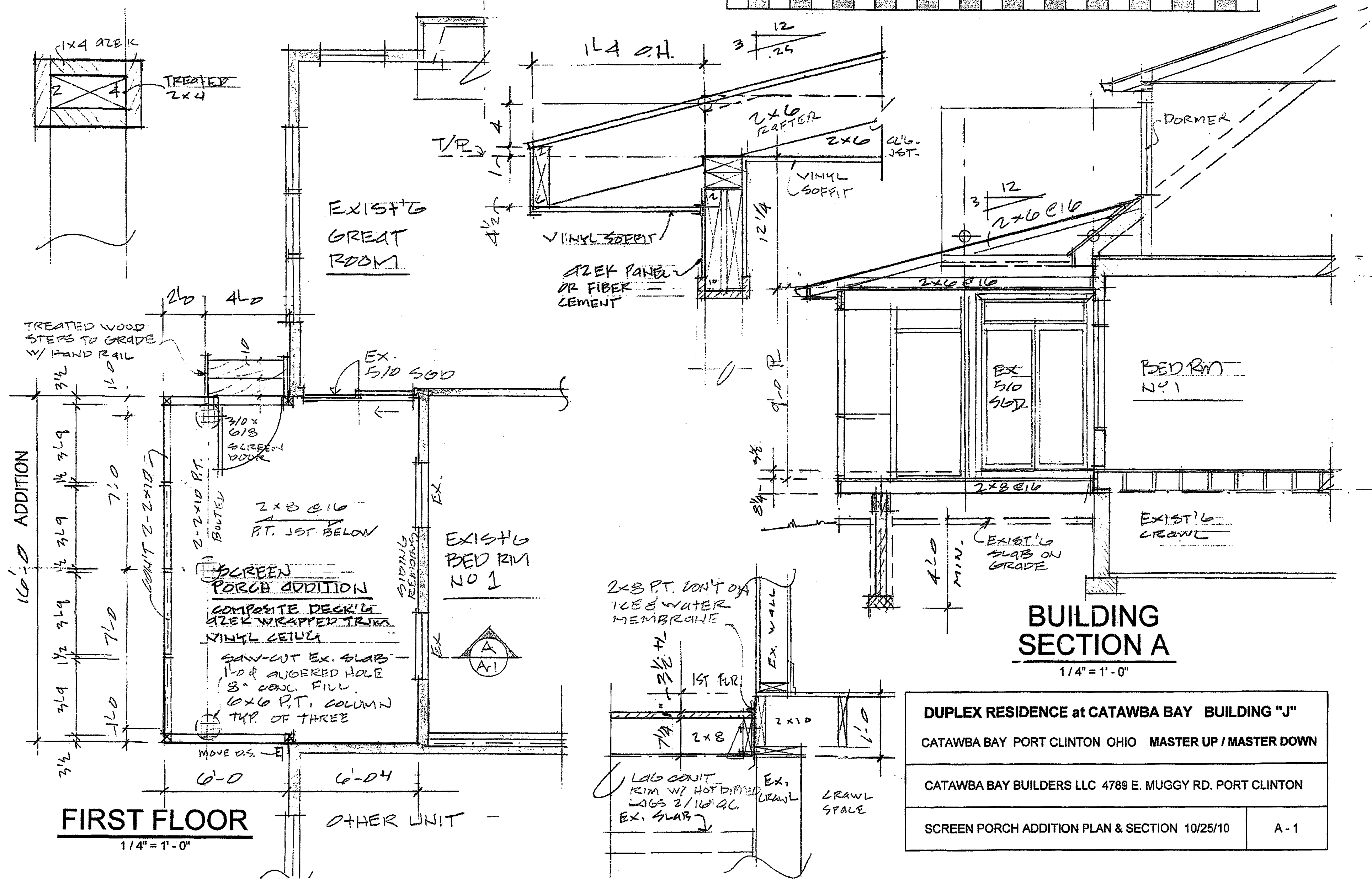
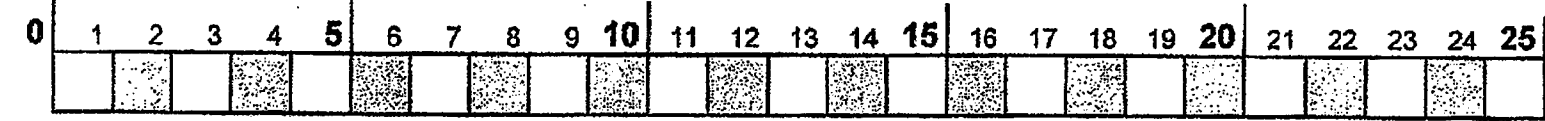
STANDARD STAIR
CLOSED STAIR
1 x 8 STRINGER
OPTIONAL STAIR
OPEN STRINGER

110 STORE or OPT. STAIR
CRM TILE FLR

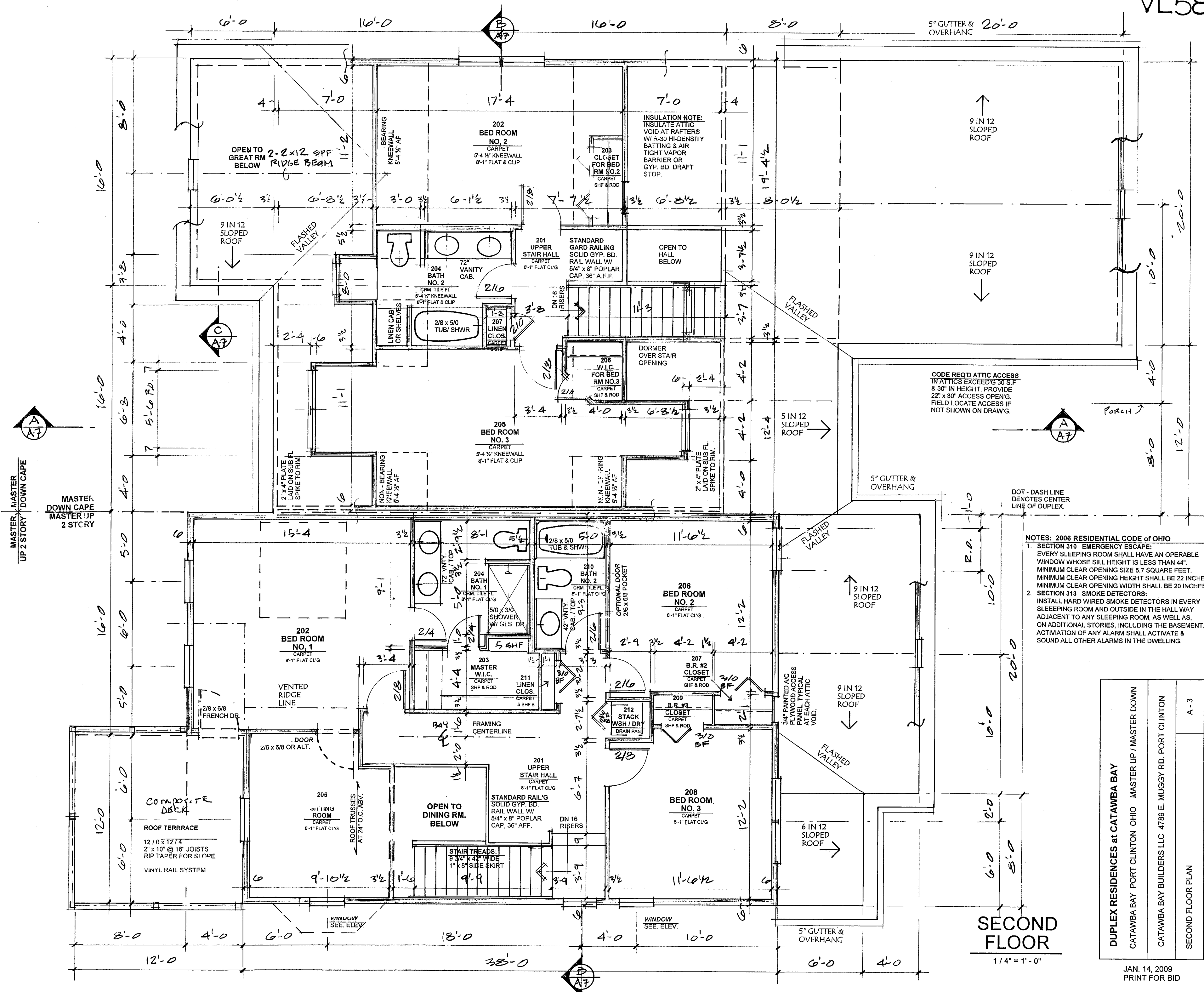
RIGHT REAR FRONT LEFT



| | |
|---|-----|
| DUPLEX RESIDENCE at CATAWBA BAY BUILDING "J" | |
| CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN | |
| CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON | |
| SCREEN PORCH ADDITION ELEVATIONS 10/25/10 | A-2 |



| | |
|---|-----|
| DUPLEX RESIDENCE at CATAWBA BAY BUILDING "J" | |
| CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN | |
| CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON | |
| SCREEN PORCH ADDITION PLAN & SECTION 10/25/10 | A-1 |

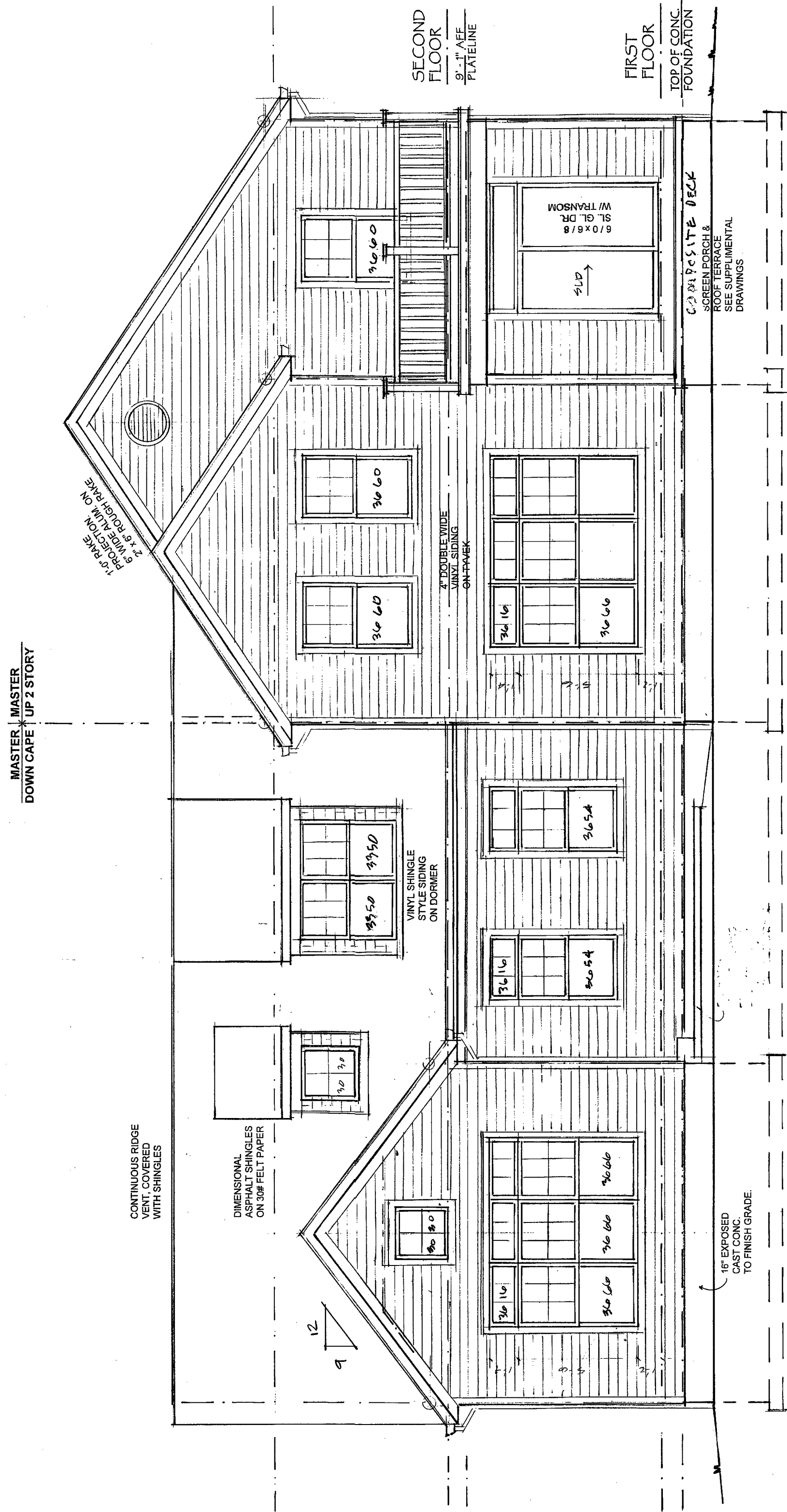


NOTES: 2006 RESIDENTIAL CODE OF OHIO

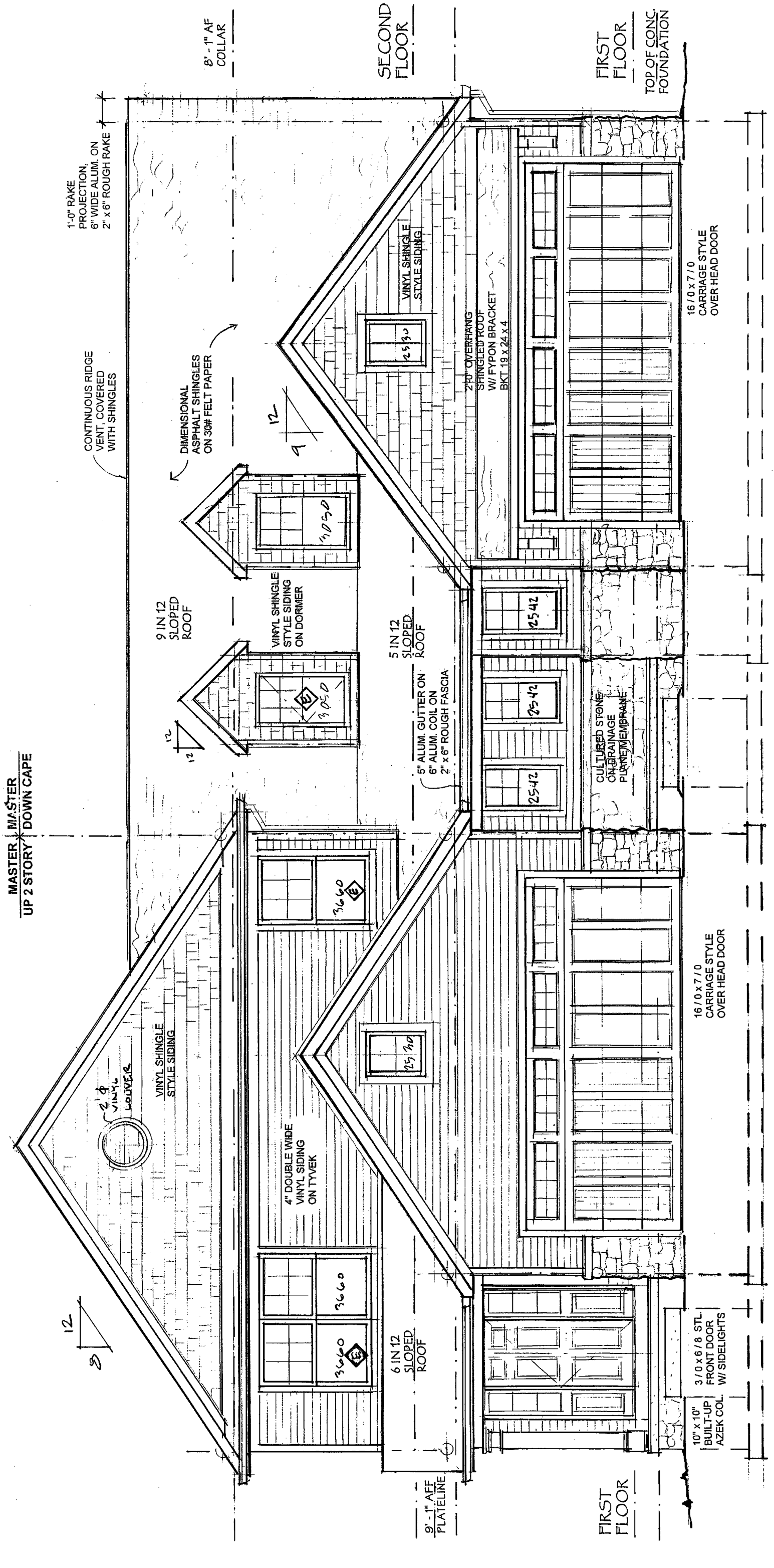
- SECTION 310 EMERGENCY ESCAPE:**
 EVERY SLEEPING ROOM SHALL HAVE AN OPERABLE WINDOW WHOSE SILL HEIGHT IS LESS THAN 44".
 MINIMUM CLEAR OPENING SIZE 5.7 SQUARE FEET.
 MINIMUM CLEAR OPENING HEIGHT SHALL BE 20 INCHES.
 MINIMUM CLEAR OPENING WIDTH SHALL BE 20 INCHES.
- SECTION 313 SMOKE DETECTORS:**
 INSTALL HARD WIRED SMOKE DETECTORS IN EVERY SLEEPING ROOM AND OUTSIDE IN THE HALLWAY ADJACENT TO ANY SLEEPING ROOM, AS WELL AS, ON ADDITIONAL STORIES, INCLUDING THE BASEMENT. ACTIVATION OF ANY ALARM SHALL ACTIVATE & SOUND ALL OTHER ALARMS IN THE DWELLING.

SECOND FLOOR
 1/4" = 1'-0"

| | |
|---|-------------------------|
| DUPLEX RESIDENCES at CATAWBA BAY | |
| CATAWBA BAY PORT CLINTON OHIO | MASTER UP / MASTER DOWN |
| CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON | |
| SECOND FLOOR PLAN | A-3 |



REAR ELEVATION
1/4" = 1'-0"

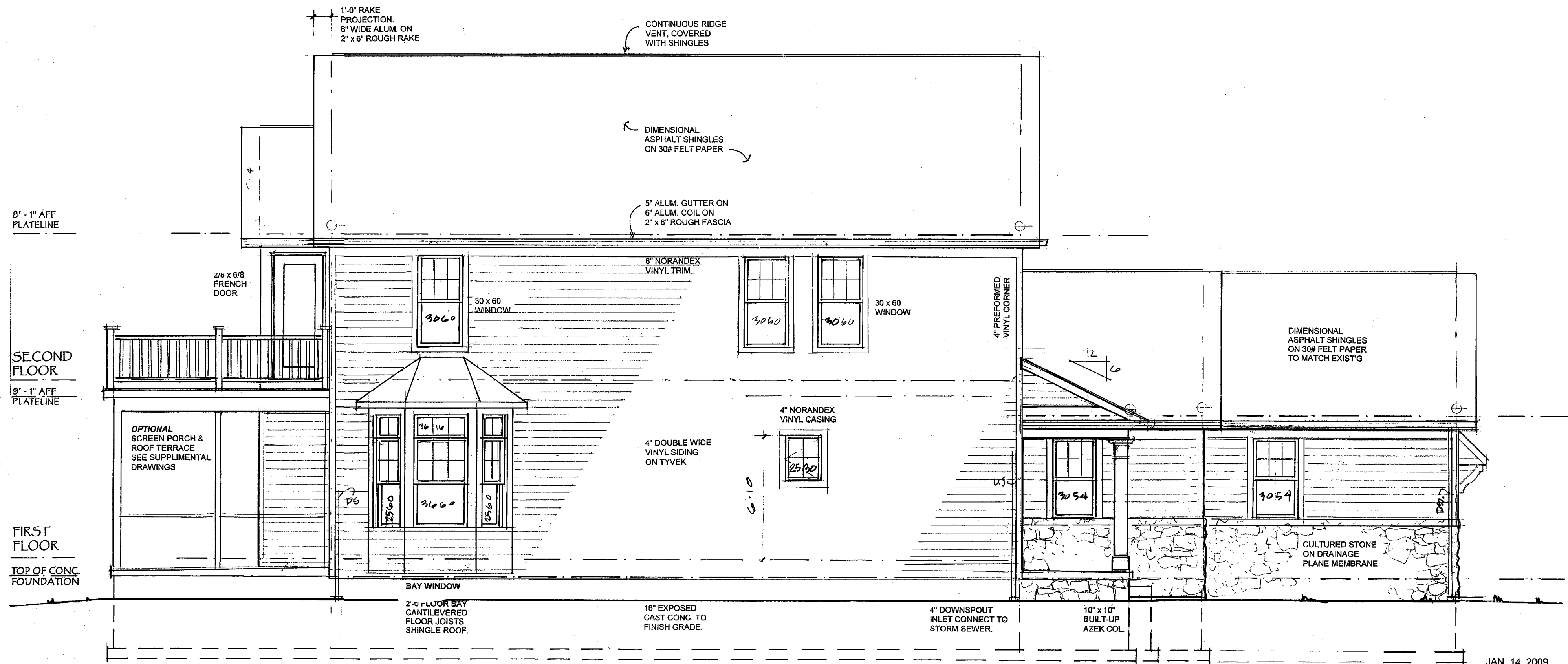


FRONT ELEVATION
1/4" = 1'-0"

WINDOW SUPPLIER:
TO BE DETERMINED BY
VINYL OR CLAD WD.
MUTIN BARS AS
SHOWN ON ELEV.
MANUFACTURER'S
I.D. NUMBER REFER TO
OUTSIDE FRAME SIZE
HORZ X VERT. INCHES
HI-PERFORMANCE
LOW-E GLAZING
UNIT R VALUE 2.78

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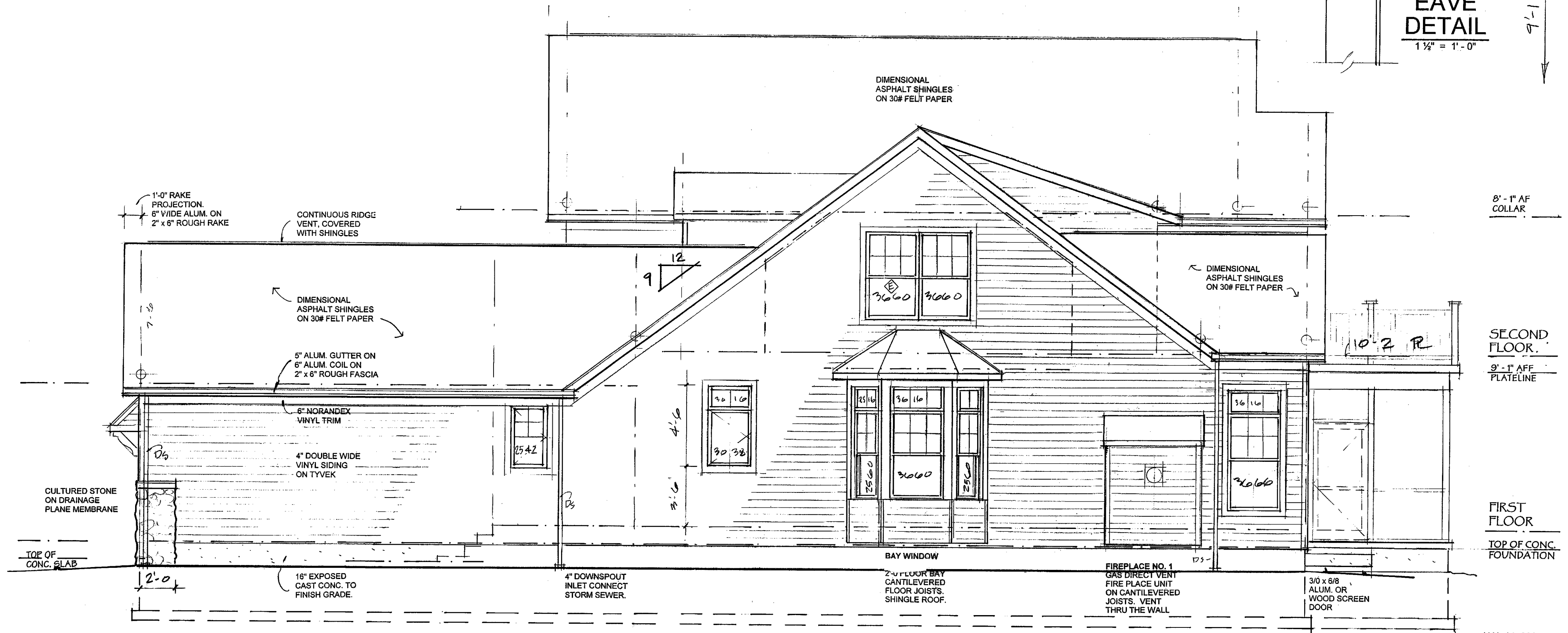
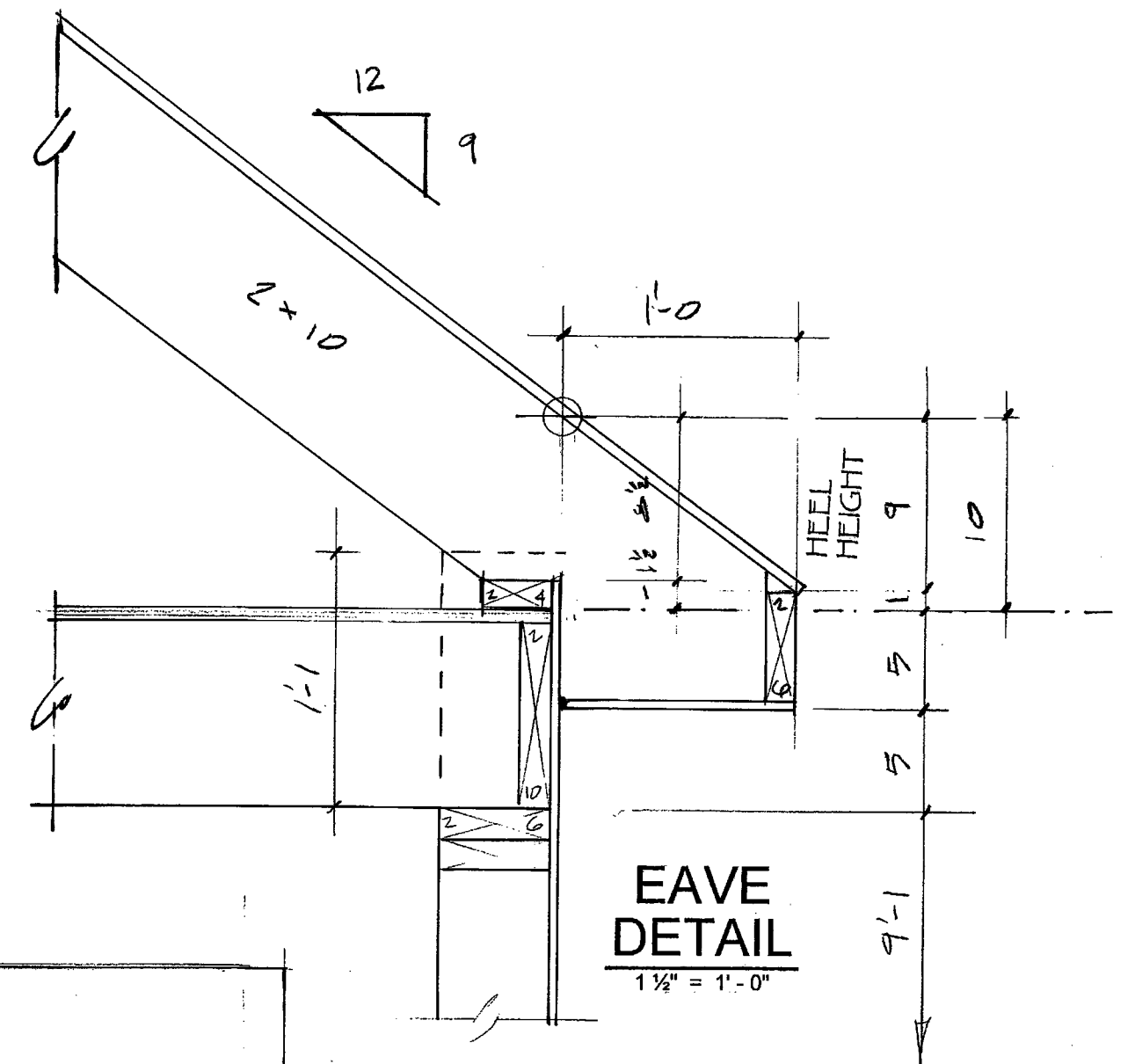
| | |
|---|---|
| DUPLEX RESIDENCES at CATAWBA BAY | |
| CATAWBA BAY | PORT CLINTON OHIO MASTER UP / MASTER DOWN |
| CATAWBA BAY BUILDERS LLC | 4788 E. MUGGY RD. PORT CLINTON |
| FRONT & REAR ELEVATIONS | A-4 |



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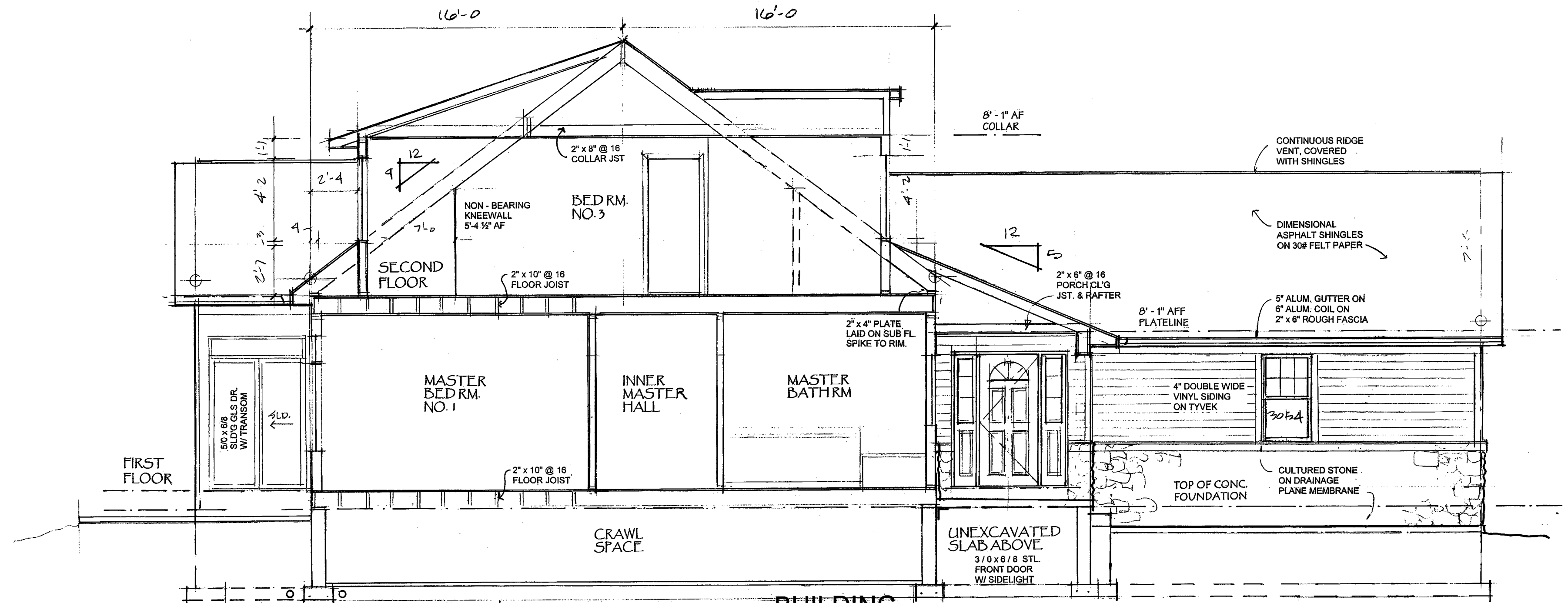
**LEFT
ELEVATION**
1/4" = 1'-0"

| | |
|---|-------|
| DUPLEX RESIDENCES at CATAWBA BAY | |
| CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN | |
| CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON | |
| LEFT ELEVATION | A - 5 |

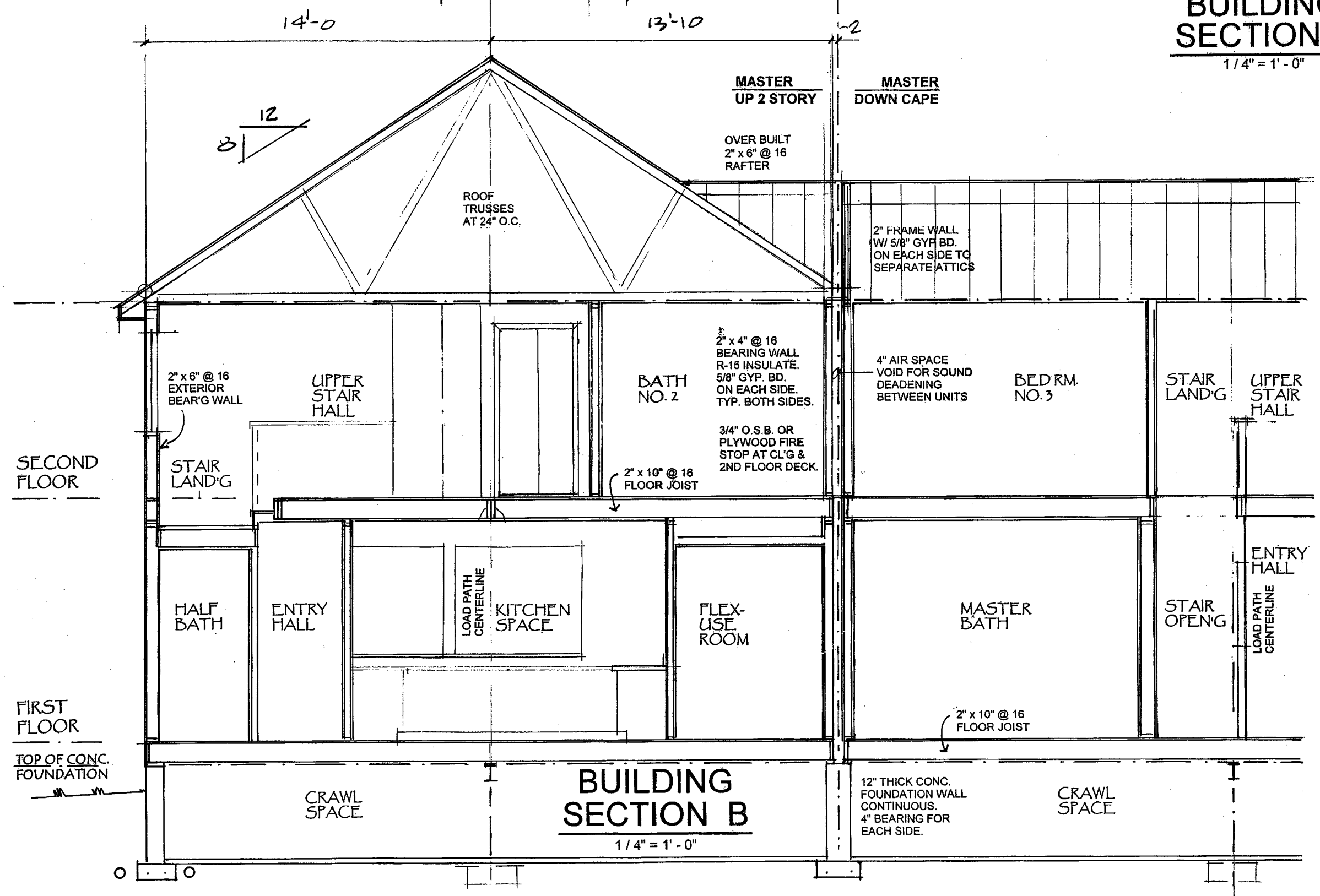


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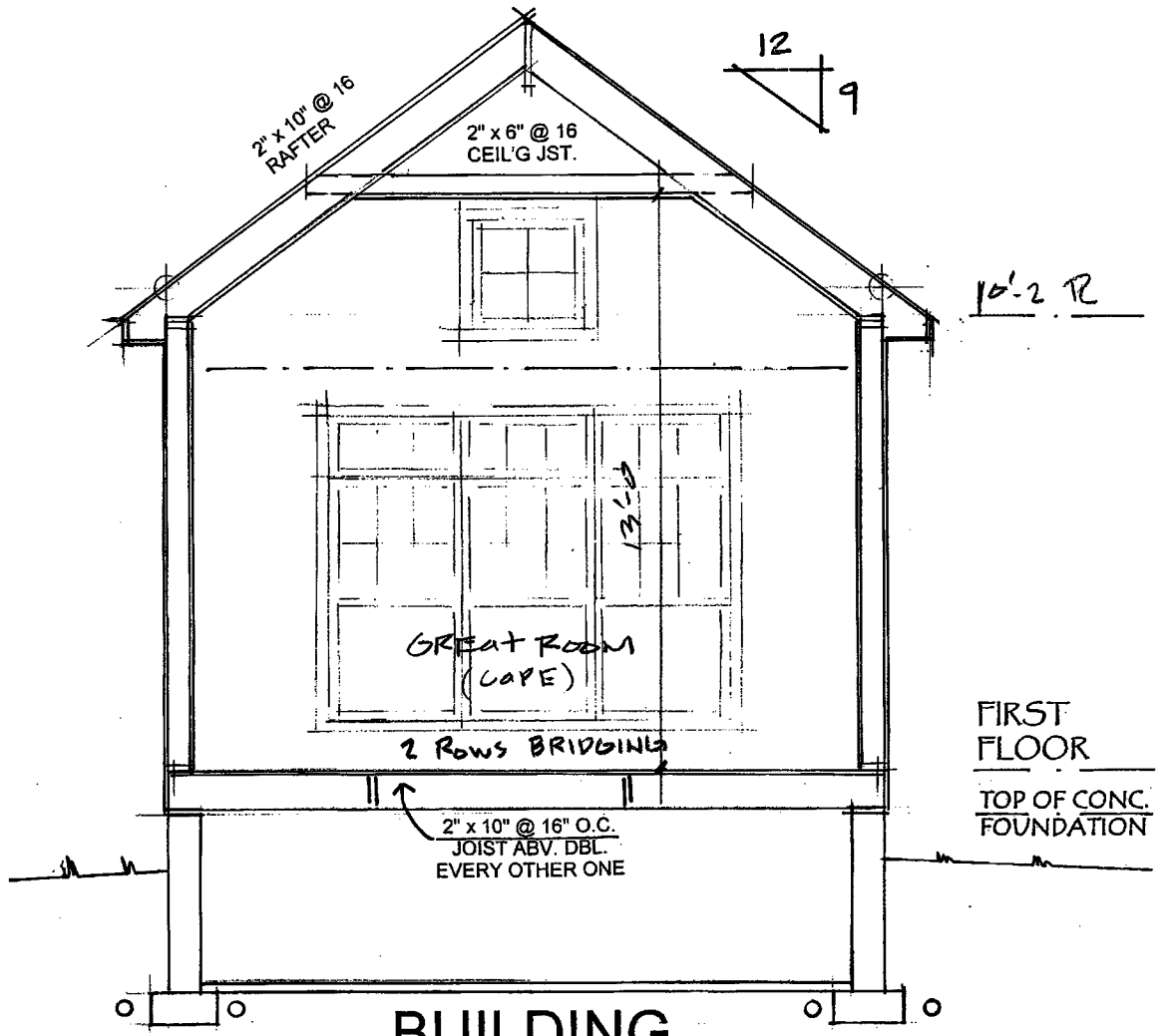
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|---|-----|
| DUPLEX RESIDENCES at CATAWBA BAY | |
| CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN | |
| CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON | |
| RIGHT ELEVATION | A-6 |



BUILDING SECTION A
1/4" = 1'-0"



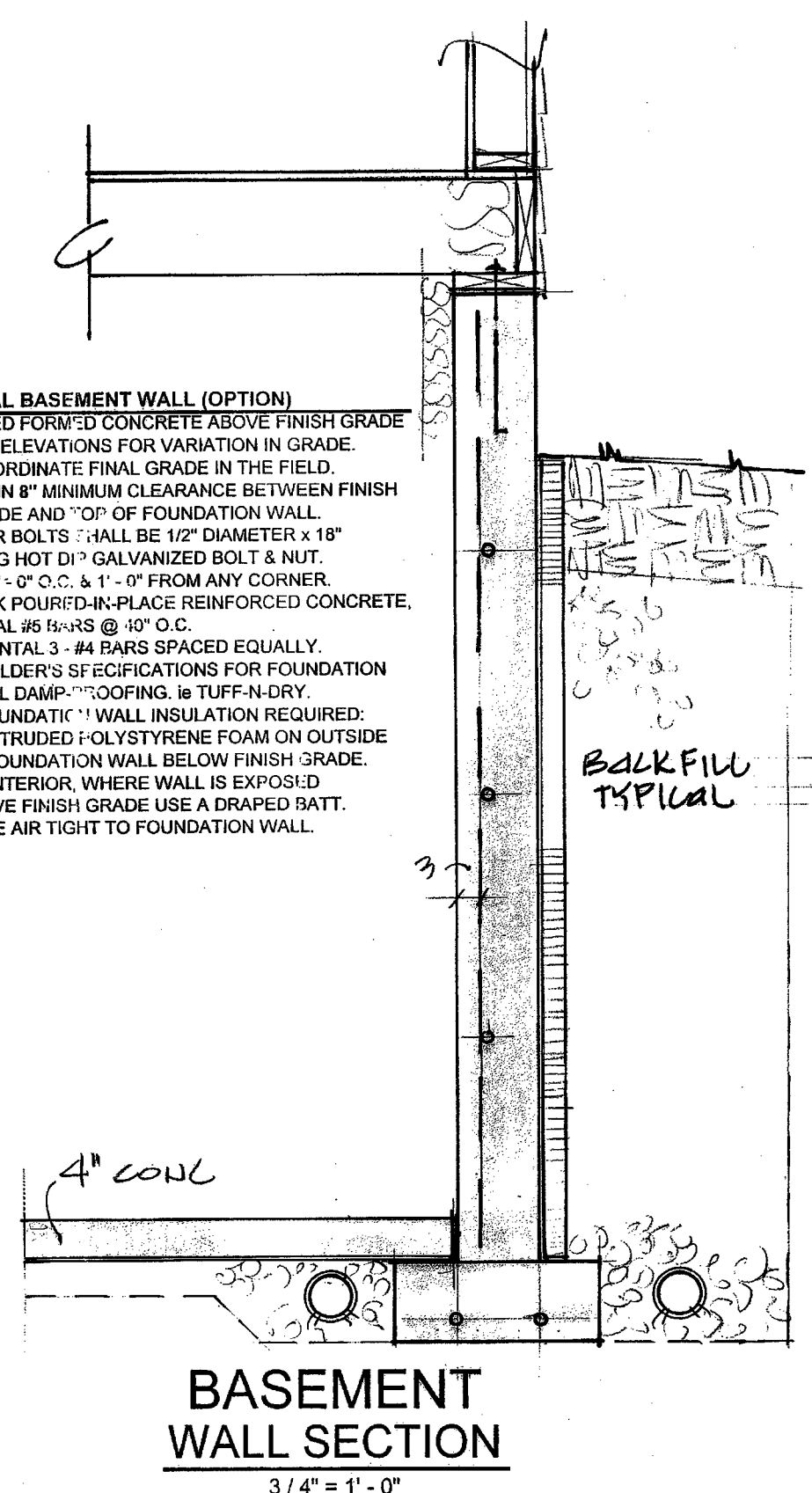
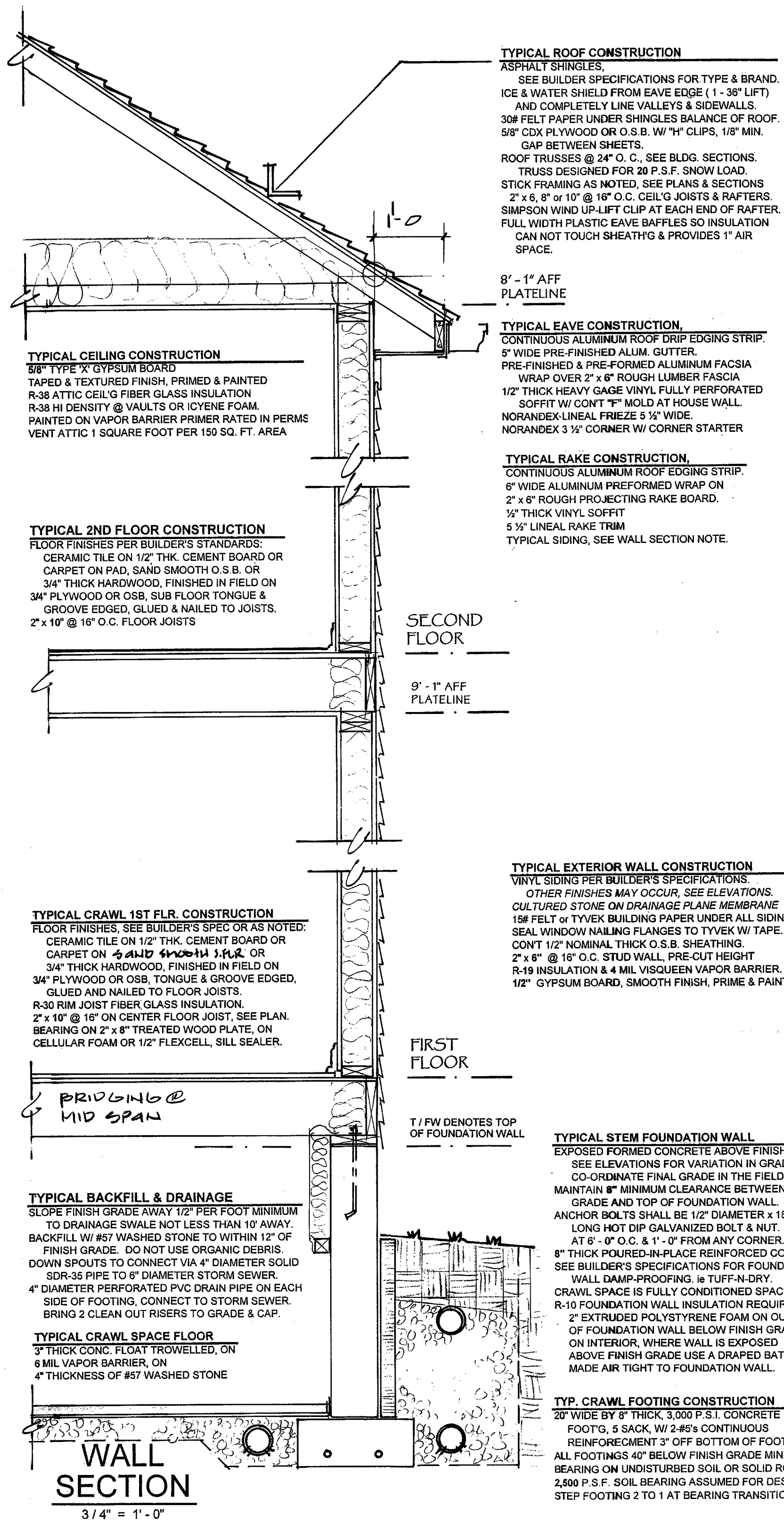
BUILDING SECTION B
1/4" = 1'-0"



BUILDING SECTION C
1/4" = 1'-0"

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| | |
|---|-----|
| DUPLEX RESIDENCES at CATAWBA BAY | |
| CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN | |
| CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON | |
| BUILDING SECTIONS & WALL SECTION | A-7 |



SIZE OF UNITS

2 STORY MASTER UP UNIT (LEFT SIDE)

| | |
|--|---------------------|
| FIRST FLOOR | 892 GROSS SQ. FT. |
| 2ND FLOOR incl'g floor openings | 1,128 GROSS SQ. FT. |
| TOTAL UNIT | 2,020 GROSS SQ. FT. |
| 2ND FLOOR deduct optional sitting room & stair opening | -218 |
| TOTAL UNIT | 1,802 GROSS SQ. FT. |

CAPE 1 1/2 STORY MASTER DOWN UNIT (RIGHT SIDE)

| | |
|---------------------------------|---------------------|
| FIRST FLOOR | 1,312 GROSS SQ. FT. |
| 2ND FLOOR incl'g stair openings | 624 GROSS SQ. FT. |
| TOTAL UNIT | 1,936 GROSS SQ. FT. |

NOTE: For either unit add 12 sq. ft. for 2' x 8' angle bay.

DWELLING STRUCTURAL DESIGN NOTES

| DESIGN VALUES | REV 01/02/09 | MATERIAL STRENGTH |
|---------------------------------|--------------|--|
| FIRST FLOOR LIVE LOAD | 40 PSF | JOISTS & RAFTER NORMAL DURATION Fb = 875 |
| SLEEPING FLOOR LIVE LOAD | 30 PSF | 15% ADJUSTMENT FOR REPETITIVE . 1,006 PSI |
| GARAGE FLOOR LIVE LOAD | 100 PSF | PLUS 15% ADJUSTMENT FOR SNOW . 1,138 PSI |
| ATTIC W/ 30" HEADROOM LIVE LOAD | 20 PSF | D. FIR OR S.P.F. NO. 2 & BETTER E = 1.4 MIL |
| FLOOR DEAD LOAD | 10 PSF | STUDS S.P.F. Fb = 650 PSI |
| ROOF SNOW LOAD | 20 PSF | E = 1.2 MIL |
| ROOF DEAD LOAD (TOP CORD) | 10 PSF | MICRO LAMINATED VENEER Fb = 2,500 |
| WIND (LATERAL) | 12 PSF | DENOTED AS "L.V.L." E = 1.9 MIL |
| SOIL BEARING PRESSURE | 2,500 PSF | V = 285 PSI |
| | | STEEL F = 36 KSI |
| | | E = 29.0 MIL |
| | | CONCRETE, FOOTINGS, AT 28 DAYS 3,000 PSI |
| | | CONCRETE, EXTERIOR SLABS 4,000 PSI |
| | | REINFORCING RODS 60 KSI |
| | | GROUT 2,500 PSI |

ALLOWABLE DEFLECTION

| | |
|----------------------------|------------|
| FLOOR JOISTS & BEAMS | SPAN / 360 |
| CEILING OTHER THAN PLASTER | SPAN / 240 |
| ROOF RAFTERS | SPAN / 180 |

THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE WORK IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DESIGN, VERIFY AND DETERMINE ERECTION PROCEDURES, SHORING, BRACING AND ERECTION SEQUENCE, TO INSURE THE SAFETY AND STRUCTURAL INTEGRITY OF THE BUILDING.

DUPLEX RESIDENCES at CATAWBA BAY

CATAWBA BAY PORT CLINTON OHIO MASTER UP / MASTER DOWN

CATAWBA BAY BUILDERS LLC 4789 E. MUGGY RD. PORT CLINTON

| | | |
|------------------------|------------------------------------|-------|
| WALL SECTION & DETAILS | FEB. 17, 2009 ADD OPT. BASEMENT | A - 8 |
|------------------------|------------------------------------|-------|