All dimensions to exterior face of sheathing @ exterior walls.
2. All wall studs are 2X4 unless otherwise noted.
3. Bracing Method: CS-WSP (Continuous Sheathing Wood Structural Panel)
4. 2" rigid insulation shall be used as water-resistive barrier per ESR-2142 Sect. 4.3.
5. Face of sheathing @ exterior walls to align with face of masonry below.
6. All window locations to be determined on site unless otherwise dimensioned.
7. All windows and doors to be covered by porches and flashed.
8. All windows and doors shall have an overall U-Factor of .35 or less, and a SHGC of .30 or less.
9. Water resistant flooring shall be used in kitchen, bathroom(s), and laundry areas AND w/in 3 feet of all exterior doors.
10. Clothes dryer shall be exhausted directly to outdoors.
11. HVAC Return is shown for crawl location ONLY. Attic return is above half ceiling.
12. Trusses shall have a raised heel to ensure full insulation value and 12" overhangs.
13. Light grey - OR- light brown shingles to be used on roof.
14. Any building face within 10' of property line requires protection behind aluminum & vinyl soffits per NCRC 2012 Section R703.11.3.
15. TERMITE TREATMENT: BORATE treatment of all framing within 3' of foundation.
16. Insulation shall be installed per manuf's specs with no substantial gaps, voids, compressions, or wind intrusion. Insulation and air barrier shall be in physical contact with each other.
17. Provide min. of 2" X 10" concrete driveway AND 4" sidewalk to front door.

NOTES APPLICABLE TO LEED HOMES ONLY:
18. Seal external cracks, joints, etc. around windows and doors with caulking and install pest proof screens.
19. Water heater to be located in designated closet as shown; drain and drain pan shall be installed; drain shall lead directly to outdoors.
20. Drain and drain pan - OR- single throw supply valve shall be installed for clothes washer.

WINDOW SCHEDULE:  DOOR SCHEDULE:  WALL HEADERS:  STUD SPACING:
1. 2'-0 1/2" X 4'
2. 2'-8" X 31/2"

Meets all egress and glazing requirements per 2012 NC RES BLDG Code

CENTRAL LINE OF BOX BEAM (SETS IN FROM PORCH EDGE) GABLE TRUSS SHALL BEAR ON POSTS ONLY

TRUSS FOOTING: Heated: 1120 SF Unheated: 164 SF (covered porches)
COLUMN CAP DETAIL

HANDRAIL/GUARD RAIL DETAIL

25 YR FIBERGLASS SHINGLE CLASS A CERTAINEED INSTALLED OVER 7/16" OSB, 15# FELT (INSTALL PER MANUFACTURERS WRITTEN INSTRUCTIONS)

NOTE: WOODEN HANDRAIL/GUARD RAIL AS REQUIRED, MUST MEET CODE. SEE DETAIL THIS PAGE

NOTE: CAULK AROUND 1X6 AT COLUMN CAP

NOTE: VINYL SHAKES INSTALLED OVER 7/16" OSB, HOUSE WRAP

SINGLE RETURN ACROSS FRONT OF PORCH

SEE DETAIL 3, THIS PAGE

VINYL PERFORATED SOFFIT @ EAVES

WRAPPED PORCH BEAM & PAINTED

TAPERED COLUMN, BUILT IN FIELD

16X16 BRICK COLUMN: SEE FOUNDATION PLANS FOR DETAILS

1. SHALL COMPLY WITH NCRC 2012 EDITION SECTION(S) R311 AND R312
2. "HISTORIC B" FOUNDATION ONLY: BRICK FOUNDATION ON FRONT OF HOUSE/PORCH ONLY
   (SEE FOUNDATION PLAN FOR DETAILS)
25 YR. FIBERGLASS SINGLE CLASS A CERTAINTEED INSTALLED OVER 7/16" OSB, 15# FELT (INSTALL PER MANUFACTURERS WRITTEN INSTRUCTIONS)

2X6 BACK PORCH ROOF EXTENSION ATTACHED TO ROOF TRUSSES, BUILT IN FIELD. SEE ENGINEERED DOCUMENTS

VINYL LAP SIDING W/ TRIM (TYP) INSTALLED OVER WALL SHEATHING (INSTALL PER MANUFACTURERS WRITTEN INSTRUCTIONS)

RIDGE VENT

MAIN FLOOR

SIDE ELEVATION

REAR ELEVATION

REYNOLDS_90 RIGHT

FEB 26, 2016
1. Keep foundation walls at least 12" tall to keep wood members off the ground.
2. Dig continuous footing under all foundation walls; 8" minimum thickness.
3. All walls, including porches, must be inside set back lines.
4. No interior load bearing walls or point loads. All trusses bear on exterior walls. (Does not apply to townhouse plans or multifamily projects)
5. Top of rowlock on porch to be approx. 4" lower than top of house slab.
6. 4" of 3,000 PSI fiber reinforced concrete, 10 mil vapor barrier with min. 4" washed stone or equiv recycled concrete over compacted fill, R-5 rigid insulation. See Details.
7. Anchor Bases: Locate within 12" of each corner, both sides of exterior doors, and every 6'-0" O.C. See Habitat "Cut Sheet" for splice locations. Locate anchors within 12" each side of splice.
8. Termite Treatment: Structure to be termite treated with BORATE when framing is complete.
1. Keep foundation walls at least 12" tall to keep wood members off the ground.
2. Dig continuous footing under all foundation walls; 8" minimum thickness.
3. All walls, including porches, must be inside set back lines.
4. No interior load bearing walls or point loads. All trusses bear on exterior walls. (Does not apply to two-story plans or multi-family projects)
5. Top of rowlock on porch to be approx. 4" lower than top of house slab.
6. 4" of 3,000 PSI fiber reinforced concrete, 10 mil. vapor barrier with min. 4" washed stone or equiv recycled concrete over compacted fill, R-5 rigid insulation. See Details.
7. Foundation Strap Anchors: Locate within 12" of each corner, both sides of exterior doors, and a min. of every 32". See Habitat “Cut Sheet” for splice locations. Locate straps within 12" each side of splice. Must Meet Code.
8. Front wall ONLY: Face brick w/ ladder type joint reinforcement; 1/2" threaded rod anchors, 12" from corners; 6'-0" O.C.; 15" min. embedment.
9. Termite Treatment: Structure to be termite treated with BORATE when framing is complete.
1. Dig continuous footing under all foundation walls; 8" minimum thickness, with (2) #4 rebar, continuous, on supports, @ 4'-0" O.C. max.
2. All walls, including porches, must be inside set back lines.
3. See plan for thickened slab/load bearing interior wall locations (if applicable): 10' deep x 18' wide minimum footing with (2) #4 continuous rebar.
4. Top of rowlock on porch to be approx. 4" lower than top of house slab.
5. 4" of 3,000 PSI fiber reinforced concrete, 10 mil. vapor barrier with min. 4" washed stone or equiv recycled concrete over compacted fill, R-5 rigid insulation.
6. Foundation Strap Anchors: Locate within 12" of each corner, both sides of exterior doors, and a minimum of every 32". See Habitat plans for splice locations. Locate straps within 12" each side of splice.
7. Termite Treatment: Structure to be termite treated with BORATE when framing is complete.

Habitat for Humanity Charlotte
CONTACT: CARRIE MASTO cmasto@habitatcharlotte.org
HABITAT FOR HUMANITY CHARLOTTE
CONTACT: CARRIE MASTO cmasto@habitatcharlotte.org
1. Maintain minimum floor joist clearance of 18" to grade and minimum dropped girders clearance of 12" to grade.
2. Dig continuous footing under all foundation walls; 8" minimum thickness.
3. All walls, including porches, must be inside setback lines.
4. No interior load bearing walls or point loads. All trusses bear on exterior walls.
5. Poured porches—porch floor foundation will be two (2) brick courses plus a rowlock higher than house foundation.
6. Sill anchors/anchor bolt installation—6'-0" O.C. & within 12" of corners, then doubled every 12'.
7. Front wall ONLY: Face brick w/ 8" CMU filled solid; 1/2" rod anchors, 12" from corners; 6'-0" O.C.; 15" min. embedment.
8. Foundation vents within 3' of corners.
9. Crawl space door see Site Prep Supervisor for location.
10. Termite Treatment: Structure to be termite treated with BORATE when framing is complete (up to 3 on all LED homes).

HABITAT FOR HUMANITY CHARLOTTE

CONTACT: CARRIE MASTO cmasto@habitatcharlotte.org

FILE:Reynolds_90.dwg FLOOR PLAN: DWG DATE: Feb. 26, 16
CRAWLING NOTES:
1. Long walls that run parallel with joists need a joist or blocking underneath. Place 2X10 blocking @ 3'-0" O.C.; consider plumbing when running extra joists.
2. Dimensions are to outside face or block & center of joist unless otherwise noted.
3. Use pressure treated lumber adjacent to all foundation brick and block material.

FLOOR SYSTEMS:
• "Historic B"
  • 2X10 floor joists—top edges flush with girders & band joists; center planks dropped 2"; double 2X12 girders; 2X10 band joists.

EXAMPLE OF EXTRA JOIST UNDER WALL THAT RUNS PARALLEL WITH JOISTS

OUTSIDE FACE OF BAND

DOUBLE 2X10 HEADERS

CENTERLINES SHOWN

OUTSIDE OF BAND

EXAMPLE OF EXTRA JOIST

DOUBLE 2X10 HEADERS

OUTSIDE OF BAND

Blocking for overflow
1. All dimensions to exterior face of sheathing @ exterior walls.
2. All wall studs are 2X4 unless otherwise noted.
3. Bracing Method: CS-WSP (Continuous Sheathing Wood Structural Panel)
4. Rigid insulation shall be used as water-resistive barrier per ESR-2142 Sect. 4.3.
5. Face of sheathing @ exterior walls to align with face of masonry below.
6. All window locations to be determined on site unless otherwise dimensioned.
7. All windows and doors to be covered by porches and flashed.
8. All windows and doors shall have an overall U-Factor of .35 or less, and a SHGC of .30 or less.
9. Water resistant flooring shall be used in kitchen, bathroom(s), and laundry areas AND w/in 3 feet of all exterior doors.
10. Clothes dryer shall be exhausted directly to outdoors.
11. HVAC Return is shown for crawl location ONLY. Attic return is above hall ceiling.
12. Trusses shall have a raised heel to ensure full insulation value and 12" overhangs.
13. Light gray -OR- light brown shingles to be used on roof.
14. Any building face within 10' of property line requires protection behind aluminum & vinyl soffits per NCRC 2012 Section R703.11.3.
15. TERMITE TREATMENT:
   - BORATE treatment of all framing within 3' of foundation.
16. Insulation shall be installed per manufacturer's specs with no substantial gaps, voids, compressions, or wind intrusion. Insulation and air barrier shall be in physical contact with each other.
17. Provide min. of 20' X 10' concrete driveway AND 4' sidewalk to front door.
18. Seal external cracks, joints, etc. around windows and doors with caulking and install pest proof screens.
19. Water heater to be located in designated closet as shown; drain and drain pan shall be installed; drain shall lead directly to outdoors.
20. Drain and drain pan -OR- single throw supply valve shall be installed for clothes washer.

### WINDOW SCHEDULE

<table>
<thead>
<tr>
<th>Door Schedule</th>
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</thead>
<tbody>
<tr>
<td>1. 36&quot; Exterior Metal Entry Door</td>
<td>1. 2'-8&quot; X 4'</td>
</tr>
<tr>
<td>2. 2'-8&quot; X 3'</td>
<td></td>
</tr>
<tr>
<td>2. Meets all egress and glazing requirements per 2012 NC RES BLDG Code</td>
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### WALL SCHEDULE

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### STUD SCHEDULE

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### JACK STUD REQ:

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</tbody>
</table>

### NOTE:

- No interior load bearing walls or point loads. All trusses bear on exterior walls.
- Center Line of Box Beam (Sets In From Porch Edge) Gable Truss Shall Bear on Posts Only
1. Shall comply with NCRC 2012 Edition Section(s) R311 and R312
2. Historic B Foundation ONLY: Brick foundation on front of house/porch ONLY (See foundation plan for details)

COLUMN CAP DETAIL

HANDRAIL/GUARD RAIL DETAIL
VINYL PERFORATED SOFFIT @ EAVES

25 YR. FIBERGLASS SINGLE CLASS A CERTAINTEED INSTALLED OVER 2" OSB, 15# FELT (INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS)

VINYL LAP SIDING W/ TRIM (TYP) INSTALLED OVER WALL SHEATHING (INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS)

2X6 BACK PORCH ROOF EXTENSION ATTACHED TO ROOF TRUSSES, BUILT IN FIELD. SEE ENGINEERED DOCUMENTS

RIDGE VENT

SIDE ELEVATION

REAR ELEVATION

8'-1" 12 8'-0" 0'-0"

8'-1" 12 8'-0" 0'-0"

VINYL LAP SIDING W/ TRIM (TYP) INSTALLED OVER WALL SHEATHING (INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS)

MAIN FIN. FLOOR

VINYL PERFORATED SOFFIT @ EAVES

RIDGE VENT

25 YR. FIBERGLASS SINGLE CLASS A CERTAINTEED INSTALLED OVER 2" OSB, 15# FELT (INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS)

VINYL LAP SIDING W/ TRIM (TYP) INSTALLED OVER WALL SHEATHING (INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS)

2X6 BACK PORCH ROOF EXTENSION ATTACHED TO ROOF TRUSSES, BUILT IN FIELD. SEE ENGINEERED DOCUMENTS

RIDGE VENT

SIDE ELEVATION

REAR ELEVATION

8'-1" 12 8'-0" 0'-0"

8'-1" 12 8'-0" 0'-0"
1. Keep foundation walls at least 12" tall to keep wood members off the ground.
2. Dig continuous footing under all foundation walls; 8" minimum thickness.
3. All walls, including porches, must be inside set back lines.
4. No interior load bearing walls or point loads. All trusses bear on exterior walls. (Does not apply to townhome plans or multifamily projects)
5. Top of rowlock on porch to be approx. 4" lower than top of house slab.
6. 4" of 3,000 PSI fiber reinforced concrete, 10 mil vapor barrier with min. 4" washed stone or equiv recycled concrete over compacted fill, R-5 rigid insulation—See Details.
7. Anchor Bolts: Locate within 12" of each corner, both sides of exterior doors, and every 6' 0" O.C. See Habitat "Cut Sheet" for splice locations. Locate anchors within 12" each side of splice.
8. Termite Treatment: Structure to be termite treated with BORATE when framing is complete.

**Foundation Details:***

- **A slab foundation:**
  - Keep foundation walls at least 12" tall to keep wood members off the ground.
  - Dig continuous footing under all foundation walls; 8" minimum thickness.
  - All walls, including porches, must be inside set back lines.
  - No interior load bearing walls or point loads. All trusses bear on exterior walls.
  - Top of rowlock on porch to be approx. 4" lower than top of house slab.
  - 4" of 3,000 PSI fiber reinforced concrete, 10 mil vapor barrier with min. 4" washed stone or equiv recycled concrete over compacted fill, R-5 rigid insulation—See Details.
  - Anchor Bolts: Locate within 12" of each corner, both sides of exterior doors, and every 6' 0" O.C. See Habitat "Cut Sheet" for splice locations. Locate anchors within 12" each side of splice.
  - Termite Treatment: Structure to be termite treated with BORATE when framing is complete.

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**Not to Scale:**

- Final grade determines foundation and porch heights.
- Top of rowlock on porch to be approx. 4" lower than top of house slab.
- 4" of 3,000 PSI fiber reinforced concrete, 10 mil vapor barrier with min. 4" washed stone or equiv recycled concrete over compacted fill, R-5 rigid insulation—See Details.
- Anchor Bolts: Locate within 12" of each corner, both sides of exterior doors, and every 6' 0" O.C. See Habitat "Cut Sheet" for splice locations. Locate anchors within 12" each side of splice.
- Termite Treatment: Structure to be termite treated with BORATE when framing is complete.
1. Keep foundation walls at least 12" tall to keep wood members off the ground.
2. Dig continuous footing under all foundation walls; 8" minimum thickness.
3. All walls, including porches, must be inside set back lines.
4. No interior loading bearing walls or point loads. All trusses bear on exterior walls. (Does not apply to 2-story plans - call Habitat for Humanity Style)
5. Top of rowlock on porch to be approx. 4" lower than top of house slab.
6. 4" of 3,000 PSI fiber reinforced concrete, 10 mil. vapor barrier with min. 4" washed stone or equiv recycled concrete over compacted fill, R-5 rigid insulation. See Details.
7. Foundation Strap Anchors: Locate within 12" of each corner, both sides of exterior doors, and a min. of every 32". See Habitat "Cut Sheet" for splice locations. Locate straps within 12" each side of splice. Must Meet Code.
8. Front wall ONLY: Face brick w/ ladder type joint reinforcement; 1/2 Ø threaded rod anchors, 12" from corners; 6'-0" O.C.; 15" min. embedment.
9. Termite Treatment: Structure to be termite treated with BORATE when framing is complete.
10. 8" block below grade; hollow header block, top course, typ.

Habitat for Humanity Charlotte
Contact: Carrie Masto cmasto@habitatcharlotte.org
File: Reynolds_90.dwg
Floor plan: Reynolds 90 Left
Dwg Date: Feb 26, 2016
Sheet Title: Slab Historic B
Plot Date: Feb 26, 16

HABITAT FOR HUMANITY CHARLOTTE
CONTACT: CARRIE MASTO cmasto@habitatcharlotte.org
FILE: Reynolds_90.dwg
FLOOR PLAN: REYNOLDS 90 LEFT DWG DATE: FEB 26, 2016
SHEET TITLE: SLAB-HISTORIC B PLOT DATE: FEB 26, 16

13
1. Dig continuous footing under all foundation walls; 8" minimum thickness, with (2) #4 rebars, continuous, on supports, @ 4'-0" O.C. max.

2. All walls, including porches, must be inside set back lines.

3. See plan for thickened slab/load bearing interior wall locations (if applicable): 10" deep x 18" wide minimum footing with (2) #4 continuous rebar.

4. Top of rowlock on porch to be approx. 4" lower than top of house slab.

5. 4" of 3,000 PSI fiber reinforced concrete, 10 mil. vapor barrier with min. 4" washed stone or equiv recycled concrete over compacted fill, R-5 rigid insulation.

6. Foundation Strap Anchors: Locate within 12" of each corner, both sides of exterior doors, and a minimum of every 32". See Habitat plans for splice locations. Locate straps within 12" each side of splice.

7. Termite Treatment: Structure to be termite treated with BORATE when framing is complete.
1. Maintain minimum floor joist clearance of 18" to grade and minimum dropped girders clearance of 12" to grade.
2. Dig continuous footing under all foundation walls; 8" minimum thickness.
3. All walls, including porches, must be inside setback lines.
4. No interior load bearing walls or point loads.
5. Poured porches-porch floor foundation will be two (2) brick courses plus a rowlock higher than house foundation.
6. Sill anchors/anchor bolt installation- 6'-0" O.C. & within 12" of corners, then doubled every 12'.
7. Front wall ONLY: Face brick w/ 8" CMU filled solid; 2 8" rod anchors, 12" from corners; 6'-0" O.C.; 15" min. embedment.
8. Foundation vents within 3' of corners.
9. Crawl space door- see Site Prep Supervisor for location.
10. Termitie Treatment: Structure to be termite treated with BORATE when framing is complete (up to 8' on all LED homes).

HABITAT FOR HUMANITY CHARLOTTE
CONTACT: CARRIE MASTO cmasto@habitatcharlotte.org
SHEET TITLE: CRAWL HISTORIC B  PLOT DATE: Feb. 26, 16

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**NOTE:** PIER FOOTINGS CAN BE DUG AS SINGLE 20" TRENCH MINIMUM PIER FOOTING THICKNESS: 8"
CRAWL FRAMING NOTES:
1. Long walls that run parallel with joists need a joist or blocking underneath. Place 2X10 blocking @ 3'-0" O.C.; consider plumbing when running extra joists.
2. Dimensions are to outside face or block & center of joist unless otherwise noted.
3. Use pressure treated lumber adjacent to all foundation brick and block material.

FLOOR SYSTEMS:
- "Historic B"
  ** 2X10 floor joists--top edges flush with girders & band joists; center planks dropped
  ** 2" double 2X12 girders; 2X10 band joists

EXAMPLE OF EXTRA JOIST UNDER WALL THAT RUNS PARALLEL WITH JOISTS

CENTERLINES SHOWN

OUTSIDE FACE OF BAND

DOUBLE 2X10 HEADERS

OUTSIDE OF BAND

BLOCKING FOR OVERFLOW

EXAMPLE OF EXTRA JOIST UNDER WALL THAT RUNS PARALLEL WITH JOISTS