

# 2018 NEW CASTLE COUNTY FOOTING CHECKLIST

(2018 IRC)(2015 IPC)(2012 IECC)(NCC Chapter 6)(DE E&S Handbook)(UDC)

Rev 1/23/19

- |    | <u>Pass</u>              | <u>Corr</u>              | <u>N/A</u>               |  |                                     |
|----|--------------------------|--------------------------|--------------------------|--|-------------------------------------|
| 1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b><u>GENERAL</u></b>  |                                     |
|    |                          |                          |                          | <input type="checkbox"/> Permit displayed at worksite  | Ch 6 6.03.012(Q)                    |
|    |                          |                          |                          | <input type="checkbox"/> Access provided to all areas to be inspected  | Ch 6 6.03.018(A, D)                 |
|    |                          |                          |                          | <input type="checkbox"/> Verify footing location & model are in accordance with NCC approved plans   | Ch 6 6.03.013(B3a)                  |
|    |                          |                          |                          | <input type="checkbox"/> Verify protection from freezing on site ( <b>Footings shall NOT bear on frozen soils</b> )  | IRC 403.1.4.1                       |
| 2. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b><u>EXCAVATION</u></b>   | Ch 6 (T) R301.2(1)                  |
|    |                          |                          |                          | <input type="checkbox"/> Base of footing is 32 inches below finished grade   | Ch 6 6.03.013, IRC 1003.2, (T)403.1 |
|    |                          |                          |                          | <input type="checkbox"/> Minimum pier width is 12" (8" for stair post footings), spread footings are 16"   |                                     |
|    |                          |                          |                          | <input type="checkbox"/> Verify column & pier footers, fireplace, porch are correct size & any revisions are located per approved plan   |                                     |
|    |                          |                          |                          | <input type="checkbox"/> Minimum anticipated concrete thickness is at least 8" but per plan  |                                     |
|    |                          |                          |                          | <input type="checkbox"/> Footer stepped if bottom of footer exceeds 1:10 slope   | IRC 403.1.5                         |
| 3. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b><u>SOIL CONDITIONS</u></b>  | IRC 403.1, 401.4, 401.4.2           |
|    |                          |                          |                          | <input type="checkbox"/> Free of mud, standing water, organic material, frozen soil, debris, and soft spots  |                                     |
|    |                          |                          |                          | <input type="checkbox"/> Soil in area of footing is undisturbed (not over dug and filled)  |                                     |
|    |                          |                          |                          | <input type="checkbox"/> When expansive, compressible or shifting soils are present, a third party report is required to verify the soil has been removed to a depth and width that verifies load capacity | Ch 6 6.03.018(G)                    |
|    |                          |                          |                          | <input type="checkbox"/> Fill requires design and approval by a licensed DE design professional  | IRC 401.2                           |
| 4. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b><u>E&amp;S CONTROLS</u></b>   |                                     |
|    |                          |                          |                          | <input type="checkbox"/> Silt fence per approved plan & functioning  | E&S Handbook 3.1.2-1, Ch 6 6.03.013 |
|    |                          |                          |                          | <input type="checkbox"/> Construction entrance installed & functioning   | E&S Handbook 3.4.7-1, Ch 6 6.03.013 |
| 5. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b><u>MISCELLANEOUS</u></b>  | Ch 6 6.03.018                       |
|    |                          |                          |                          | <input type="checkbox"/> Scheduled inspections, requirement for smoke detectors, carbon monoxide detector if required  |                                     |
|    |                          |                          |                          | <input type="checkbox"/> Required third party inspections  |                                     |
|    |                          |                          |                          | <input type="checkbox"/> Review foundation reinforcing for unbalanced backfill with permit holder  | IRC 404.1.2.1                       |
|    |                          |                          |                          | <input type="checkbox"/> Remind contractor about lot type and requirements (village lots, lot line, etc)   | UDC 40.04.112                       |
|    |                          |                          |                          | <input type="checkbox"/> Remind contractor exterior concrete and garage slabs shall be air entrained   | IRC 402.2                           |
|    |                          |                          |                          | <input type="checkbox"/> Pipes through or under footings need protection (ex. pipe sleeve or arch)   | IPC 305.2, IPC 305.3                |
|    |                          |                          |                          | <input type="checkbox"/> R-10 perimeter insulation 2' down for slab on grade monopour (R-15 for heated slabs)  | IECC 402.1.1                        |

## THIRD PARTY FOOTING INSPECTION AUDIT

- |    |                          |                          |                          |   |                                     |
|----|--------------------------|--------------------------|--------------------------|---|-------------------------------------|
| 1. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <b><u>AUDIT COMPLETE</u></b>  |                                     |
|    |                          |                          |                          | <input type="checkbox"/> Third party inspection audit completed, remind permit holder to submit the sealed report within 5 business days of completion        | Ch 6 6.03.018(H)                    |
|    |                          |                          |                          | <input type="checkbox"/> The PERMIT HOLDER is required to notify the department of the time and date of a third party inspection at least 24 hours in advance | Ch 6 6.03.018(H)                    |
|    |                          |                          |                          | <input type="checkbox"/> Silt fence per approved plan & functioning   | E&S Handbook 3.1.2-1, Ch 6 6.03.013 |
|    |                          |                          |                          | <input type="checkbox"/> Construction entrance installed & functioning  | E&S Handbook 3.4.7-1, Ch 6 6.03.013 |

Inspector: \_\_\_\_\_ Permit Number: \_\_\_\_\_

Date: \_\_\_\_\_ Inspection Results: Pass  Partial  Corrections Required