

2018 NEW CASTLE COUNTY LATH CHECKLIST

(2018 IRC)(ASTM C926)(ASTM C1063)(NCC Chapter 6)

Rev 1/23/19

Pass **Corr** **N/A**

- 1. GENERAL**
- Permit displayed at worksite Ch 6 6.03.012(Q)
 - Access provided to all areas to be inspected, verify weather barrier inspection passed Ch 6 6.03.018(A, D, E)
 - NCC approved, stamped building and L & G plans available at site Ch 6 6.03.013(B3a)
 - Drawings show flashing details, opening details, and means of maintaining the weather resistance of the exterior wall envelope Ch 6 6.03.013(B)(4)
 - Exterior plaster details not conforming to **all** applicable requirements of ASTM C1063 & C926 are sealed by a Delaware registered design professional. Exception: decorative coatings installed per mfr specs IRC 703.7, Ch 6 R703.7, 6.03.014
- 2. LATH INSTALLATION** mfr specs, Ch 6 R703.7.3, IRC 703, IRC 703.2, IRC 703.7.3
- Exterior wall envelope designed and constructed in a manner that prevents the accumulation of water within the wall assembly by providing a water-resistant barrier behind the exterior veneer and a means of draining water that enters the assembly to the exterior
 - Furred metal lath is required C 926 7.1.3, C 1063 table 3 footnote b
 - Side laps shall be secured to framing members. They shall be tied between supports at intervals of no more than 9" with .0475" galvanized, annealed steel wire C 1063 7.8.1
 - Metal lath shall be lapped ½" at sides, or nest the edge ribs and 1" at ends, wire lapped one mesh C 1063 7.8.2
 - Where end laps occur between framing members, the ends of the sheets of all metal plaster bases shall be laced or wire tied with 0.0475" galvanized, annealed steel wire C 1063 7.8.2
 - Attachments for securing expanded metal or woven wire lath shall be spaced not more than 6" apart IRC 703.7.1
 - Spacing of framing members for the type and weight of metal plaster base used shall conform to the requirements of Table 3, lath must be attached to framing members C 1063 7.10.1.1
 - Staples shall have crowns not less than ¾" and should penetrate framing members not less than ¾" C 1063 7.10.2.2
- 3. ATTACHMENTS FOR METAL PLASTER BASES TO CONCRETE**
- Metal plaster bases shall be attached to masonry or concrete with power or powder actuated fasteners or a combination of power and powder actuated fasteners and hardened concrete stub nails
 - ONE power or powder actuated fastener shall be located at each corner and ONE at the mid-point of the long dimension adjacent to the edge of the metal plaster base sheet. Fasteners shall be installed in rows not more than 16" OC, spaced vertically not more than 7" OC, shall be not less than ¾" long, heads not less than 3/8" wide C 1063 7.10.5
- 4. ATTACHMENT OF ACCESSORIES**
- All metal accessories shall be installed in such a manner that flanges and clips provided for their attachment are completely embedded in the plaster and attached at no more than 7" intervals C 1063 7.11.1, 7.11.1.1
 - All exterior corners shall be reinforced C 1063 7.11.2, 7.11.2.1
 - Casing Beads – Non load-bearing members shall be isolated from load bearing members, and all penetrating elements, with casing beads or other suitable means, and to separate from dissimilar materials C 1063 7.11.3
 - Control Joints – Shall be formed by using a single prefabricated member or fabricated by installing casing beads back to back with a flexible barrier membrane behind the casing beads. The separation spacing shall be not less than 1/8" or as required by the anticipated thermal exposure range and shall be in conformance with 7.10.1.4. Control joints must not be secured to the sheathing and must be tied to the lath only. The lath must not be continuous through control joints. The control joints shall not be spaced more than 18' apart C 1063 7.11
 - Weep Screed – Shall be installed at the bottom of all steel or wood framed exterior walls to receive lath and plaster. Minimum 3 ½" flange, weather barrier shall cover entire flange, and the nose of the screed shall be placed at least 4" above raw earth or 2" above paved surfaces C 1063 7.11.5, IRC 703.7.2.1
 - Flashing at Foundation for Stone Installations – Shall be minimum 26 gauge galvanized steel or plastic with a minimum vertical attachment flange of 3 ½" and shall be installed so it extends a minimum of 1" below the plate IRC 703.12.2
- 5. MISCELLANEOUS** Ch 6 6.03.018
- Designed Drainage Space (ex. Rain Screen, MortAirVent) installed per manufacturer's installation requirements
 - Silt fence per approved plan & functioning E&S Handbook 3.1.2-1, Ch 6 6.03.013
 - 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