DURHAM 1869 CITY OF MEDICINE | DURHAM COUNTY

Inspections

Durham City-County Inspections Department

Commercial Building Inspections Checklist

Inspector's Name:		
Inspector's Number:		IVR Phone Number: 919-560-1500
Date:	Time:	Main Phone Number: 919-560-4144
Permit Number:		
Job Address:		

DA	Footings	AP	N/A
	Building permit, box, site plan, blueprints NCAC		
	Site address/ ID		
	Soil bearing 1801.2 & 1809.2		
	Soil test 1803.2		
	Minimum width 1809.4 & Table 1809.7		
	Minimum depth 1809.4 & 1809.5 Table 1809.7		
	Spread footings 1909		
	Step down bulkheads 1809.3		
	Site Grading/ Excavation 1804.1		
	Clear of debris, water, organics & loose soil		
	Grading and Fill in Food Hazard Area 1804.4		
	Location Per Site Plan UDO & NCAC 204.5		
	Easements, site plans, zoning, setbacks UDO		
	Engineered third party as applicable NCAC 107.4		
	Reinforcement 1907 & ACI 318		
	*UDO - Unified Development Ordinance		

DA	Slabs	AP	N/A
	Prepared in accordance with design 1808.6.2		
	Clearance from slopes 1808.7.1 & 1808.7.2		
	3-1/2 Inch minimum floor thickness 1910.1		
	Vapor barrier 1910.1		
	Steel clearance 1907 & ACI 318		
	Gyp-crete 1914		
	Protection against termites 2304.11		
	Engineered third party as applicable NCAC 107.4		
	Suspended slab support 2206.4		
	Ventilation & drainage suspended slabs 1203.3		
	Thicken for loadbearing walls or columns		
	Anchor bolts 1911		
	Insulation 502.2.6 NCECC		

DA	Framing, contd.	AP	N/A

DA	Foundations	AP	N/A
	Proper type of foundation 1808.1 & 1807		
	Concrete foundation walls 1807.1.6.2 & 1808		
	Masonry foundation walls 1807.1.6.3 & 2103		
	Pier and curtain foundations 1809.10		
	Helical Piles and deep foundations 1810.4 1810.3		
	Damp proofing/waterproofing 1805		
	Special Inspections 1810.4.12		
	Engineered third party as applicable NCAC 107.4		
	Basement waterproofing & perimeter drain 1805		
	Unequal backfill limitations 1807.1.2		
	Proper Reinforcement 1807 & 1907		
	Site grading 1804		
	Retaining walls 1807.2		
	Compacted fill 1803.5.8 & 1804.5		
	Positive drain 1805.1.2		

DA	Framing	AP	N/A
	As-Built Foundation Survey Local ordinance		
	FEMA elevation certificate if applicable UDO		
	Rough ins approved or ready for Inspection		
	Fire-rated walls relative to property lines 1401		
	Protection per construction type 601		
	Correct materials for construction type 601		
	Accessible dimensions 1101 and ICCA-117.1		
	Cold-formed steel framing 2210		
	Fire Blocking Draft-stopping 717.2 & 717.3		
	Rated assemblies in accordance with design 707		
	Fire resistance structural member 704		

DA	Final, contd.	AP	N/A

	Layout per plan NCAC 204.5					Means of egress 1001		
	Exterior walls 705					Fire barriers 707		
	Wall sheathing 2304.6					Stairways rise, width, winder & headroom 1009		
	Window requiring safety glazing 2406.2					Wall and ceiling finishes 803		
	Combustibles in I & II construction 603 & 805					Handrails 1012		
	Deflection limits Table 1604.3					Guards 1013		
	Standpipe systems during construction 3311.1					Exit signs 1011 ICCA-117.1		
	Floor Loads table 1607.1					Exit access 1014		
	Wood framing 2301					Corridors 1018		
	Span of girder & joists 2308.9.5					Ramps 1010		
	Lumber grade 2301.1					Flashing 1405		
	Fire Resistant treated lumber labeled 2303.2.4					Fire Partitions 709		
	Wood frame Anchorage per design 2303.4.4					Under-stair protection		
	Wood floor framing 2308					Exterior grading		
	Floor and roof sheathing 2304.7					Drains and vent terminations		
	Wood connections and fasteners 2304.9					Window requiring safety glazing 2406.2		
	Headers & trimmer joists 2308.8.3					Roof coverings 1507		
	Bores & notches in joist or rafters & studs 2308					Access to roof 1009		
	Trusses braced per approved design					Stair signage 1022		
	Full bearing for wood framing 2308					Penetrant protectives 713		
	Span of sheathing material 2308					Weather-stripping 502.4.3 NCECC		
	Wind bracing, portal frames 2308.9.3					Opening protectives 715		
	Top Plates 2308.9.2.1					Interior finishes 801		
	Bridging 2308.8.5					Discrepancy closeout 1701.1		
	Non-bearing wall 2308.9.2.3					Termite protection report 2304.11.6		
						Fire extinguishers 906		
						FEMA elevation certificate if applicable UDO		
						Shaft continuity 707.5 & 708.4		
						Crawl space graded		
						Attic ventilation 1203		
	Insulation					Emergency egress lighting 1205.5 & 1006.1		
	Walls, floors, ceilings R-values 502 NCEC					Crawl access 18x24 min 1209.1		
	Vestibules 502 NCEC					Attic access 20x30 min 1209.2		
	Air barrier & sealing fasteners 502 NCEC							
	Air leakage 502.4 NCEC							
	Insulation at window frame, doors & posts 502 NCEC							
	Penetrations sealed interior to exterior 502.4.3 NCEC							
	Window U-factors 502.1.2 NCECC							
	Roof assembly R –value 502.2(1)							
	Fenestration 502.3 NCEC							
	Stair and elevator seals 502.4.4 NCEC							
	Final							
	Accessibility 1101 and ICCA-117.1							
	Accessible Route 48” 1104							