

Project Name: \_\_\_\_\_

PR #: \_\_\_\_\_

Construction type: \_\_\_\_\_ Occupancy type: \_\_\_\_\_

Sprinkler: \_\_\_\_\_ Fire Alarm: \_\_\_\_\_ OL: \_\_\_\_\_

## Plan Review Checklist

**X** - Has not been properly identified on the plan or does not comply with minimum code standards

**Y or ✓** – Is identified and approved

**NA** – Is not applicable to the Project submitted

**E** – Existing

<b>Architectural</b>	
	Has the plans been stamped by the appropriate design professional?
	Plans must be a maximum 24" x 36" in size, with a minimum scale of 1/8"=1'
	Are the correct applicable codes on the cover sheet? Department of Community Affairs
	Are the construction and occupancy type along with occupant load identified on the cover sheet? 302.1, 503.1 2006 International Building Code
	Is the building identified on the cover sheet as being sprinkled and/or fire alarmed
	Drawing index must be on the plan and match the pages in the plan
	Plans should all be the same size and drawn to scale and all text legible
	Building within the allowable area, story, or height allowed based off the current construction type and sprinkler conditions on the cover sheet. Will need key plan showing square feet of building and each suite. Table 503 2006 International Building Code
	Building materials are being used that does not comply with the construction type and design criteria of the building. 602 2006 International Building Code
	Site plan submitted with the building must match the site plan submitted for LDP
	Wall details must be identified on the plans, including how to construct them if using a prescriptive method or specific design standard.
	Need UL Details or other approved agency of all fire barriers, fire wall, and fire partitions or detail the prescriptive method and identify it in chapter 7 in the 2006 International Building Code
	Need door schedule showing fire ratings, closure types, and hardware
	Need window and door details showing openings be properly protected in are fire rated assemblies. 715 2006 International Building Code
	Identify that safety glazing being used where required in all doors and windows for all hazardous location 2403.6 2006 International Building Code
	Doors must not swing into a corridor that will obstruct the corridor. Doors or gates in series must have 48" clearance from each other 7.2.1.4.4 2000 Life Safety Code
	On 3B building exterior load bearing walls must be rated 2 hours and be non-combustible 602.3 and table 601 2006 International Building Code
	Membrane penetrations of a rated floor/ceiling or roof ceiling assemblies by non-rated partitions shall not be allowed. 712.3.1.1 2006 International Building Code
	Membrane penetrations of a rated floor/ceiling or roof ceiling assemblies by rated partitions shall be allowed only if no less than the rating of the assembly and installed with a double wood top plate 714.4.1.1.1 2012 International Building Code
	Supporting construction for all rated ceiling assemblies shall be protected to afford the

	required fire-resistance rating of the ceiling assembly. 711.4 2006 International Building Code	
	Supporting construction of fire partitions shall be protected to afford the required fire-resistance rating of the fire partition. Exceptions: tenant and sleeping unit separation walls and corridor walls in 2B, 3B, and 5B construction. 708.4 2006 International Building Code	
	Columns, girders, trusses, beams, lintels or other structural members that are required to have a fire-resistance rating that support more than two floors, one floor and one roof, or support a load bearing wall must have individual protection 714.2.1 2006 International Building Code	
	Draft stopping/fire blocking above fire partition walls 717 2006 International Building Code	
	Toilet rooms shall not open directly into a room used for the preparation of food for service to the public. 1210.5 2006 International Building Code	
	Need structural design load for floor live load, roof load, wind load, snow load on plan 1603.1 2006 International Building Code	
	Statement and schedule of special inspections with a list of the inspectors scoped to do the inspections must be incorporated into the plan. 1704.1.1 2006 International Building Code	
	Must maintain six inches minimum clearance between bottom edges of exterior wall covering (excluding masonry veneer) to the top of exposed earth. 1405.19 2006 International Building Code Ga Amendment	
	The minimum depth of footings below the undisturbed ground surface shall be 12" 1805.2 2006 International Building Code	
	New commercial shall show proof of energy code compliance for envelope, mechanical, and lighting by submitting a <a href="#">energy code com-check</a>	

### **Life Safety And Accessibility**

	Cannot have less than two exits unless you meet an exception in chapter 11 through 43 in Life Safety Code 7.4.1 2000 Life Safety Code	
	Objects more than 27" and not more than 80" above the finish floor or ground shall not protrude more than 4" Horizontally 307.1 2010 ADA	
	Stairs have been properly design with tread height and depth along with proper installed handrails 7.2.2.3.5 and 7.2.2.4 2000 Life Safety Code	
	Handrails must extend past the nosing for top of stairs 12" and bottom length of one tread. Extensions shall return to a wall, guard, or the landing surface, or shall be continuous to the handrail of an adjacent stair flight. 505.10 2010 ADA	
	Check-out aisle at least 1 or table 227.1 ADA shall not exceed 38" high at a width of 24" wide 904.3 ADA	
	Sales or service counter at least 1 227.3 ADA shall not exceed 36" high at a width of 36" long for parallel and 30' long for forward with kneed and toe space 904.4 ADA	
	At least 5 percent no, but no fewer than one dressing room in each cluster shall comply with 803 ADA	
	Maintain minimum maneuvering clearances at doors and gates 404.2.4 2010 ADA	

### **Electrical**

	Need electrical plans new or any changes being made to existing electrical if all existing identify on the cover sheet.	
	Maintain proper working clearance for electrical equipment 110.26 2011 National Electrical Code	
	All 120 volt single phase 15-20 amp receptacles installed outdoors, in bathrooms, in kitchens and on rooftops must be shown to have GFCI protection 210.8 2011 National Electrical Code	
	All branch circuits serving patient care areas in a health care facility shall be run in a raceway that by itself shall qualify as an equipment grounding return path 517.13(A) 2011 National Electrical Code	

	Light switches must be located in the room in which lights they operate 505.2 2009 International Energy Code and 9.4.1.2(b) Ashra 90.1-2007	
	Class rooms, conference/meeting rooms and employee lunch/break room must have occupant sensing controls 9.4.1.2(a) Ashra 90.1-2007	
	Branch circuits feeding emergency lights must be on the same branch circuit as the normal lighting in that area connected ahead of switches. 700.12(F) 2011 National Electrical Code	
	Cannot exit through storerooms, kitchen, workrooms or other similar spaces. 7.5.2 2000 Life Safety Code	
	Show electrical risers of new or existing feeders and/or service along with all panel schedules	
	Metal water piping, building steel, concrete-encased electrode and ground ring shall be bonded together to form the grounding electrode system 250.50 2011 National Electrical Code	
	Indicate on the drawing the location of all electrical equipment and the physical protection of panel boards, transformers, etc. 110.27(B) 2011 National Electrical Code	

## Mechanical

	Need mechanical plans new or any changes being made to existing mechanical if all existing identify on the cover sheet	
	Need mechanical equipment list with specification of each with output and input BTU, ventilation, power consumption, outdoor air, etc.	
	Outdoor air requirements must comply with the ventilation requirements outlined in the 403.2 2006 International Mechanical Code	
	Interior spaces intended for human occupancy shall be capable of maintain a minimum of 68° F at a point 3 feet above the floor. 1204.1 2006 International Building Code	
	Smoke detectors shall be installed in supply air system with a design capacity greater than 2,000 CFM. 606.2.1 2006 International Mechanical Code Georgia Amendment	
	The type of cooking scope requires a Type 1 grease hood and must comply with NFPA 97	
	Egress corridors shall not serve as supply, return, exhaust, relief or ventilation air ducts	
	Need an approved damper when passing through rated construction or other method of complying. 607.5 2006 International Mechanical Code	
	Inadequate or prohibited source of combustion air for gas appliances	
	Gas pipe size to small for the longest length for the projected equipments	
	Indicate on the architectural drawings the location of concealed air plenums and state on the drawings that materials exposed within plenums are permitted.	
	Clothes dryer max length is exceeded along with linear feet each 90 counts as 5' feet and each 45 counts as 2 ½' feet	
	Provide permanent ladder access to mechanical equipment and appliances located on roofs that exceed 16 feet above finish floor.	

## Plumbing

	Need plumbing plans new or any changes being made to existing plumbing if all existing identify on the cover sheet	
	Provide drinking fountain; drinking fountain to accommodate everyone with a Hi/Lo style 410.1 2006 International Plumbing Code & 211.2 2010 ADA	
	Provide toilet facilities for customer use 403.4 2006 International Plumbing Code	
	Employee and public toilet rooms the required lavatory shall be located in the same room as the required water closet 405.3.2 2006 International Plumbing Code	

Customers may not pass through an employee area to access toilet room 403.4 2006 International Plumbing Code	
Separate gender facilities 403.2 2006 International Plumbing Code	
Insulate all moving water in circulating system with 1" wall insulation 607.2.1 2006 International Plumbing Code & 504.5 2006 International Energy Code	
Water, soil, or waste pipes installed in outside walls, attics, crawl spaces, or in unheated buildings must have freeze protection 305.6 2006 International Plumbing Code	
Lavatories require 0.5 GPM aerators or 0.25 GPM per metering cycle T604.4 2006 International Plumbing Code	
Lavatories and any hand washing sinks are required to be limited to 110 F through a tempering device 416.5 2006 International Plumbing Code	
Shower water hot water must be limited to 120 F	
Water closets must be 1.28 gallons per flush cycle. 420.1 2006 International Plumbing Code Georgia Amendment	
Flush handles for water closets must be on wide side of water closet compartment 604.6 2010 ADA	
Urinal partitions must be within 12 inches above the finish floor to a height of at least 60 inches and must be 18 inches deep or 6 inches past the front lip of the urinal, whichever is greater	
Toilet stalls shall be a minimum of 30" wide by 60" deep International Plumbing Code	
Condensate (or any un-metered water) may not discharge into sanitary system 18-5.18 Unified Development Code	
Lint trap required for washing machine that is removable for cleaning, that prevents passage into the drainage system of solids 0.5 inch or larger in size detrimental to the public sewer system 1003.6 2006 International Plumbing Code	
Safe waste system	
Master trap inlet must be a minimum one pipe size higher than outlet 1002.2 2006 International Plumbing Code	
Provide cleanouts on master trap vents and branch vents above finished floor level	
Individual back flow protection required on all water outlets to equipment (i.e. coffee maker, fountain drinks, ice/slushy machine, handheld spray head, pedicure) Table 608.1 2006 International Plumbing Code	
No fixtures can be located in the clear floor space of the water closet. 60" wide by 56" deep	
Toilet rooms including private offices must comply with the 2010 ADA	
Need ADA details of grab bars, toilet paper dispenser, etc. for the restrooms	
Showers must comply with the current ADA code	
Shower seat shall be on opposite side of shower as the controls and a transfer to into shower of at least 48" from the control side 608 ADA	