

Order Plans

APPLICABLE CODES (SUBJECT TO LOCAL JURISDICTIONS)	
BUILDING	2018 IBC (INTERNATIONAL BUILDING CODE) WITH SOUTH CAROLINA MODIFICATIONS (2018)
FIRE	2018 IFC (INTERNATIONAL FIRE CODE) WITH SOUTH CAROLINA MODIFICATIONS (2018)
MECHANICAL	2018 IMC (INTERNATIONAL MECHANICAL CODE) WITH SOUTH CAROLINA MODIFICATIONS (2018)
PLUMBING	2018 IPC (INTERNATIONAL PLUMBING CODE) WITH SOUTH CAROLINA MODIFICATIONS (2018)
FUEL & GAS	2018 IFGC (INTERNATIONAL FUEL & GAS CODE) WITH SOUTH CAROLINA MODIFICATIONS (2018)
ELECTRICAL	2017 NEC (NATIONAL ELECTRICAL CODE)
ENERGY CODE	2009 IECC (INTERNATIONAL ENERGY CONSERVATION CODE)
ACCESSIBILITY	2017 ANSI A117.1 ADA ACCESSIBILITY CODE

OCCUPANT LOAD CALCULATIONS					
AREA	SQUARE FOOTAGE	OCC. LOAD CALC.	WIDTH FACTOR	REQD.	PROVIDED WIDTH (NO. OF DRS)
LOBBY 100	558 S.F.	S.F./100 = 6	x 0.15	0.9'	6'-0" (2 DOORS)
OFFICE 101	100 S.F.	S.F./100 = 1	x 0.15	0.15'	3'-0" (1 DOORS)
OFFICE 102	100 S.F.	S.F./100 = 1	x 0.15	0.15'	3'-0" (1 DOORS)
BULLPEN 104	313 S.F.	S.F./100 = 3	x 0.15	0.45'	3'-0" (FRAMED OPENING)
OFFICE 103	100 S.F.	S.F./100 = 1	x 0.15	0.15'	3'-0" (1 DOORS)
IT 109	38 S.F.	S.F./100 = 1	x 0.15	0.15'	3'-0" (1 DOORS)
BREAK-ROOM 105	397 S.F.	S.F./100 = 3	x 0.15	0.45'	6'-0" (2 DOORS)
HALLWAY 112	X	UNOCCUPIED SPACE			
STORAGE 107	22 S.F.	S.F./100 = 1	x 0.15	0.15'	3'-0" (1 DOORS)
MEN 110	66 S.F.	S.F./100 = 1	x 0.15	0.15'	3'-0" (1 DOORS)
WOMEN 111	66 S.F.	S.F./100 = 1	x 0.15	0.15'	3'-0" (1 DOORS)
WORKSHOP 113	13,567 S.F.	S.F./300 = 45	x 0.15	9'-0" (3 DOORS)	
PARTS STAGING 114	803 S.F.	S.F./300 = 3	x 0.15	0.45'	3'-0" (1 DOORS)
SHOP-RESTROOM 108	142 S.F.	S.F./100 = 2	x 0.15	0.30'	3'-0" (1 DOORS)
FIRE RISER 106	32 S.F.	UNOCCUPIED SPACE			3'-0" (1 DOORS)
DETAIL BAY 115	807 S.F.	S.F./300 = 3	x 0.15		3'-0" (1 DOORS)

BUILDING OCCUPANCIES		
B	BUSINESS (OFFICE AREA)	2,496 S.F.
S1	MODERATE HAZARD STORAGE (SERVICE BAY AREA)	15,174 S.F.
BUILDING TOTAL S.F.		17,670 S.F.
B OCCUPANCY	2,496 S.F. / 100	25 OCCUPANTS
S1 OCCUPANCY	15,174 S.F. / 100	151 OCCUPANTS
TOTAL OCC. LOAD		176 OCCUPANTS

TYPE OF CONSTRUCTION
 TYPE IIB PER SECTION 602.2 AND TABLE 601 AND 602 (2018 IBC)

ALLOWABLE AREA
 THIS BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM AND IS SURROUNDED ON ALL SIDES BY 60 FEET MINIMUM OF PERMANENT OPEN SPACE AND COMPLIES WITH SECTION 510 (2018 IBC)

PLUMBING FIXTURE CALCULATIONS (OFFICE)	
PER TABLE 403.1 (2018 IPC)	
TOTAL BUILDING OCCUPANT "B" LOAD	= 24
LOAD DISTRIBUTION:	50% MALE & 50% FEMALE
DISTRIBUTION LOAD:	12 MALE & 12 FEMALE
LAVATORIES REQUIRED	1/40 MALE & 1/40 FEMALE
MALE LAVATORIES	1/40 = 1 (1 PROVIDED)
FEMALE LAVATORIES	1/40 = 1 (1 PROVIDED)
WATER CLOSETS REQUIRED	1/25 MALE & 1/25 FEMALE
MALE WATER CLOSETS	1/25 = 1 (1 PROVIDED)
FEMALE WATER CLOSETS	1/25 = 1 (1 PROVIDED)
DRINKING FOUNTAINS REQUIRED	1/100 OCCUPANTS
24 OCCUPANTS / 100	= 1 DRINKING FOUNTAIN
NOTE: (1) DRINKING FOUNTAIN IS PROVIDED AND (1) BEVERAGE COOLER WITH WATER BOTTLES AT THE LOBBY AREA.	

PLUMBING FIXTURE CALCULATIONS (SHOP)	
PER TABLE 403.1 (2018 IPC)	
TOTAL BUILDING OCCUPANT "S1" LOAD	= 51
LAVATORIES REQUIRED	1/100 = 1 (1 PROVIDED)
WATER CLOSETS REQUIRED	1/100 = 1 (1 PROVIDED)
DRINKING FOUNTAINS REQUIRED	1/100 OCCUPANTS
51 OCCUPANTS / 100	= 1 DRINKING FOUNTAIN
NOTE: (1) DRINKING FOUNTAIN IS PROVIDED	

ENERGY NOTES
 ROOF INSULATION: R-30 OR BETTER
 EXTERIOR WALL R VALUE MIN: R-19 OR BETTER
 WINDOW U-FACTOR = 0.6 OR BETTER
 WINDOW SHGC = 0.39 OR BETTER
 NOTE: REFER TO PROJECT ENERGY MODEL OR COMCHECK FOR REQUIRED ENERGY VALUES FOR WALLS, ROOF AND OPENINGS.

DEFERRED / SEPARATE PERMIT ISSUES AND COMPLIANCE
 LIST OF DEFERRED PERMIT ISSUES:
 • FIRE SAFETY • SIGNAGE
 • ACCESS CONTROL • HAZARDOUS MATERIALS
 • FIRE SPRINKLER

1. WE UNDERSTAND THAT I/WE WILL NOT BE AUTHORIZED ANY INSPECTION OF THE DEFERRED ITEMS PROPOSED PRIOR TO THE SUBMITTAL AND APPROVAL OF PLANS AND/OR CALCULATIONS FOR THOSE DEFERRED ITEMS.
 2. IT IS UNDERSTOOD THAT PLANS FOR THE PROJECT HAVE, AT THIS TIME, BEEN REVIEWED FOR COMPLIANCE WITH ALL APPLICABLE STATE AND CITY REGULATIONS, AND THAT THE PROJECT AS A WHOLE HAS BEEN APPROVED BY THE CITY, WITH THE EXCEPTION OF THE DEFERRED ITEMS LISTED*
 3. SPRAY BOOTHS ARE SHOWN FOR REFERENCE ONLY AND ARE NOT PART OF THIS SCOPE OF WORK. SPRAY BOOTHS WILL BE PERMITTED SEPARATELY.

Caliber Collision Five Forks (161)
 1215 East Butler Rd
 Greenville, SC 29607

CLIENT NAME
 Cross Development
 4536 MacArthur Blvd
 Carrollton, TX 75010

PROJECT NAME
 Caliber Collision Five Forks (161)

PROJECT NO.
220057

DATE
07/08/2020

DRAWN
JL_DV

CHECKED
CD

SHEET TITLE
Code Data

RELEASE
 PERMIT COMMENTS RESPONSE - 08/27/2020

CS.01