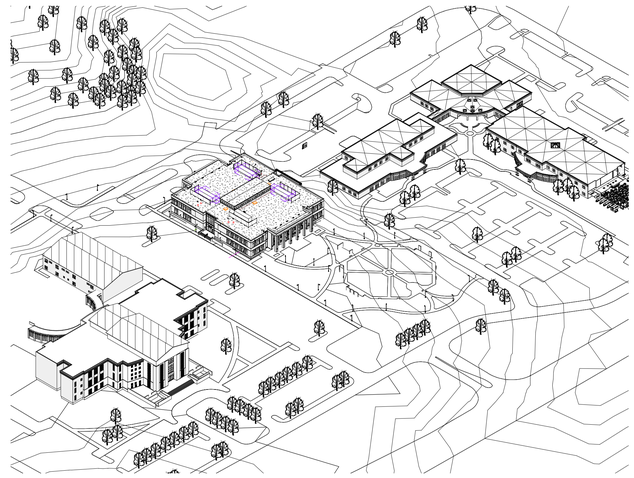
HARNETT COUNTY GOVERNMENT RESOURCE CENTER AND LIBRARY

307 W Cornelius Harnett Blvd, Lillington, NC

CONSTRUCTION DOCUMENTS - 06/28/19



CAMPUS AERIAL

VICINITY PLAN

1" = 400'-0"

OWNER
Harnett County
307 West Cornelius Harnett Blvd
Lillington, NC
910-893-7555
STEVE WARD

ARCHITECT
LITTLE
410 Blackwell Street
Durham, NC 27701
919-474-2500
ERIC SCHOENAGEL, AIA

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Raleigh, NC 27607
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EMMETT WILLIS, PE

MECHANICAL
Dewberry
2610 Wycliff Road
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984-232-6803
JOHN TEETER, PE

ELECTRICAL
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2610 Wycliff Road
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WILLIAM KEMP, PE

Reviewed For Code Compliance By:
D. Banks Wallace
Chief Deputy Fire Marshal
09/04/2019 8:57:18 AM

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Harnett COUNTY NORTH CAROLINA
strong roots • new growth

Dewberry

LITTLE DIVERSIFIED ARCHITECTURAL CONSULTING, INC. REGISTERED ARCHITECTURAL CORPORATION NORTH CAROLINA CERT. NO. 50033 CHARLOTTE, N.C.

NORTH CAROLINA REGISTERED 9584 MARK SCHOENAGEL

06·13·19

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
06.28.2019

REVISIONS

NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE
JULIE MCLAURIN, AIA

PROJECT MANAGER
ERIC SCHOENAGEL, AIA

DESIGN TEAM
LITTLE

PROJECT NAME
HARNETT COUNTY GOVERNMENT RESOURCE CENTER AND LIBRARY

PROJECT NO.
514-8066-00

SHEET TITLE
COVER SHEET

SHEET NUMBER
CS

LIST OF DRAWING SHEETS

ABBREVIATIONS

Abbr.	Abbreviated Phrase
ACT	ACOUSTIC CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJUSTABLE
AED	AUTOMATED EXTERNAL DEFIBRILLATOR
AFF	ABOVE FINISH FLOOR
AL	ALUMINUM
ALT	ALTERNATE
AMC	ACOUSTICAL METAL CEILING
APPROX	APPROXIMATE
ARCH	ARCHITECT(URAL)
AWC	ACOUSTICAL WOOD CEILING
BBD	BULLETIN BOARD
BD	BOARD
BO	BOTTOM OF
BOT	BOTTOM
C/L, CL	CENTERLINE
CAB	CABINET
CC	CUBICLE CURTAIN
CIR	CIRCLE
CLG	CEILING
CLOS	CLOSET
CLR	CLEAR(ANCE)
COL	COLUMN
CON, CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS / CONTINUE
CONTR	CONTRACTOR
COORD	COORDINATE
CPT	CARPET
CRB	COVED RUBBER BASE
CT	CERAMIC OR PORCELAIN TILE
CTR	CENTER
D	DRYER
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLISH / DEMOLITION
DET, DTL	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DR	DOOR
DS	DOWNSPOUT
DWG	DRAWING(S)
DWN	DOWN
DWR	DRAWER
EA	EACH
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EOS	EDGE OF SLAB
EP	EPOXY FLOORING
EQ	EQUAL(LY)
EQPT	EQUIPMENT
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FBO	FURNISHED BY OTHERS
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FIN	FINISH(ED)
FLR	FLOOR(ING)
FLUOR	FLUORESCENT
FO	FACE OF
FOB	FACE OF BRICK
FOG	FACE OF GLASS
FOS	FACE OF SHEATHING
FR	FIRE RETARDANT TREATED
FT	FOOT, FEET
FURR	FURR(ED), (ING)
FUT	FUTURE
FWC	FABRIC WALL COVERING
FWP	FABRIC WRAPPED PANEL
GA	GAUGE
GALV	GALVANIZED
GB	GLASS BOARD
GC	GENERAL CONTRACTOR
GL	GLASS, GLAZING
GR	GROUT
GRAN	GRANITE
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
HC	HOLLOW CORE
HD	HAND DRYER
HDR	HEADER
HDW	HARDWARE
HGT	HEIGHT
HORIZ	HORIZONTAL(LY)
HR	HOUR
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
HWD	HARDWOOD
IBC	INTERNATIONAL BUILDING CODE
ID	INSIDE DIAMETER
INCL	INCLUDE(D), (ING)
INSUL	INSULATE(D), (ING)
INT	INTERIOR
JAN	JANITOR'S CLOSET
JT	JOINT
KIT	KITCHEN
KPL	KICK PLATE
L	LENGTH
LAM	LAMINATE(D)
LBL	LABEL
LCKR	LOCKER
LIN	LINOLEUM
LT	LIGHT
LVL	LAMINATED VENEER LUMBER
LVT	LUXURY VINYL TILE
MATL	MATERIAL(S)
MAX	MAXIMUM
MB	MARKER BOARD
MECH	MECHANICAL
MFR	MANUFACTURE(R)
MIN	MINIMUM
MISC	MISCELLANEOUS
MP	METAL PANEL
MTD	MOUNTED
MTL	METAL
MULL	MULLION
MWK	MILLWORK
N	NORTH
NIC	NOT IN CONTRACT
NO, #	NUMBER
NR	NOISE REDUCTION
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OC	ON CENTER
OFF	OFFICE
OH	OPPOSITE HAND
OPNG	OPENING
PED	PEDESTAL, PEDESTRIAN, PEDIATRIC
PERF	PERFORATE(D)
PFB	PREFABRICATE(D)
PFN	PREFINISH(ED)
PL, PLAM	PLASTIC LAMINATE
PLAS	PLASTER, PLASTIC
PLWD	PLYWOOD
PNL	PANEL
PNT	PAINT(ED)
PR	PAIR
PT	PRESSURE TREAT(ED)
PTN	PARTITION
QT	QUARRY TILE, QUART
RB	RUBBER BASE
RBT	RUBBER TILE
REC	RECEPTACLE
REF	REFERENCE, REFER
REFR	REFRIGERATOR
REM	REMOVE
REQ'D	REQUIRED
RM	ROOM
RS	RESILIENT
S&R	SHELF AND ROD
SCW	SOLID CORE WOOD
SECT	SECTION
SF	SQUARE FEET
SFRM	SPRAYED FIRE RESISTIVE MATERIAL
SHR	SHOWER
SIM	SIMILAR
SPEC	SPECIFICATION(S)
SS	STAINLESS STEEL
SSM	SOLID SURFACE MATERIAL
ST	STONE
STD	STANDARD
STOR	STORAGE
SUSP	SUSPENDED
SUSP CLG	SUSPENDED CEILING
SV	SHEET VINYL
SYS	SYSTEM
TEMP	TEMPERED, TEMPORARY
TME	TO MATCH EXISTING
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VB	VINYL BASE
VCT	VINYL COMPOSITE TILE
VERT	VERTICAL(LY)
VIF	VERIFY IN FIELD
VIN	VINYL
VT	VINYL TILE
VWC	VINYL WALL COVERING
W	WIDTH
W/	WITH
W/O	WITHOUT
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD
WGT	WEIGHT
WIN	WINDOW
WTW	WALL TO WALL

GENERAL NOTES

A. WHERE NEW PARTITION ALIGNS WITH THE FACE OF AN EXISTING FURRED COLUMN OR PARTITION, REMOVE CORNER BEAD, TAPE AND SPACKLE NEW PARTITION TO EXISTING GYPSUM BOARD.
B. ALL EXISTING WALL SURFACES AND PARTITIONS TO REMAIN SHALL BE PATCHED, SPACKLED AND SANDED SMOOTH SO AS NOT TO LEAVE ANY EVIDENCE OF DEMOLITION OR REPAIR WORK. PREPARE SURFACES FOR NEW FINISHES AS REQUIRED.
C. PROVIDE RECESSED FIRE EXTINGUISHER CABINETS, SMOKE DETECTORS, AND ALL OTHER LIFE SAFETY DEVICES AS REQUIRED BY CODE. PROVIDE DRAWING SHOWING NUMBER, LOCATION, AND SPECIFICATION OF SUCH DEVICES FOR L&AA REVIEW PRIOR TO FRAMING OF WALLS. DO NOT PLACE IN FIRE RATED PARTITIONS.
D. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS WHICH INCLUDE THE OWNER/CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH CONTAINS THE GENERAL CONDITIONS, AND THE SPECIFICATIONS), THE DRAWINGS AND ALL ADDENDA AND MODIFICATIONS ISSUED BY THE ARCHITECT.
E. THE CONTRACTOR SHALL REVIEW ALL DOCUMENTS AND VERIFY ALL DIMENSIONS AND FIELD CONDITIONS AND SHALL CONFIRM THAT WORK IS BUILDABLE AS SHOWN. ANY CONFLICTS OR OMISSIONS SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT FOR CLARIFICATION PRIOR TO THE PERFORMANCE OF ANY WORK IN QUESTION.
F. CONTRACTOR SHALL COORDINATE WITH TENANT THE SCHEDULE FOR ALL TELEPHONE COMPANY AND DATA INSTALLATIONS.
G. "ALIGN" SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE.
H. CONTRACTOR SHALL COORDINATE AND PROVIDE METAL BACKING PLATES OR SOLID WOOD BLOCKING (FIRE TREATED) IN PARTITIONS AND CEILING FOR ALL MILLWORK, WALL AND CEILING ATTACHED ITEMS AS REQUIRED BY EACH SPECIFIC ITEM.
I. ALL WORK NOTED "BY OTHERS" OR "NIC" SHALL BE PROVIDED BY OWNER OR UNDER SEPARATE CONTRACT.
J. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN. ALL PARTITION LOCATIONS, DIMENSIONS AND TYPES, ALL DOOR AND WINDOW LOCATIONS SHALL BE AS SHOWN ON PARTITION PLAN. IN CASE OF CONFLICT, NOTIFY ARCHITECT; PARTITION PLAN BY DESIGN INTENT ARCHITECT SUPERSEDES OTHER PLANS.
K. ALL PARTITIONS ARE DIMENSIONED FROM FINISH FACE TO FINISH FACE, UNLESS OTHERWISE NOTED. ALL DIMENSIONS MARKED "CLEAR" SHALL BE MAINTAINED AND SHALL ALLOW FOR THICKNESS OF ALL FINISHES INCLUDING CARPET, CERAMIC TILE, VCT, ETC.
L. PARTITIONS AT BUILDING PERIMETER SHALL BE CENTERED ON CENTER LINE OF COLUMN OR WINDOW MULLION, UNLESS OTHERWISE NOTED.
M. COLUMN CENTER LINES (OR GRID LINES) ARE SHOWN FOR DIMENSIONING, VERIFY EXACT LOCATIONS IN FIELD.
N. PARTITION TYPES ENCLOSING ROOMS AND SPACES SHALL BE CONTINUOUS THROUGHOUT ENTIRE ROOM OR SPACE.
O. PROVIDE ACOUSTICAL CAULKING AROUND ALL PERIMETER EDGES AND/OR PENETRATIONS AT SOUND INSULATED WALLS. OFFSET ELECTRICAL AND TELEPHONE OUTLETS 16" MINIMUM IN SEPARATE STUD CAVITIES.

SHEET NUMBERING LEGEND

SHEET NUMBER STRUCTURE

A121B
- DISCIPLINE DESIGNATOR
- SHEET TYPE DESIGNATOR
- SHEET SUB-TYPE DESIGNATOR
- SHEET SEQUENCE NUMBER / BUILDING LEVEL
- AREA / SEGMENT INDICATOR

DISCIPLINE DESIGNATORS

CS	COVER SHEET
G	GENERAL / LIFE SAFETY
H	HAZARDOUS MATERIALS
V	SURVEY / MAPPING
B	GEOTECHNICAL
C	CIVIL
L	LANDSCAPE
A	ARCHITECTURE
I	INTERIORS
S	STRUCTURAL
P	PLUMBING
F	FIRE PROTECTION
M	MECHANICAL
E	ELECTRICAL
T	TELECOM / DATA
X	OTHER DISCIPLINES

SHEET TYPE DESIGNATORS

0	GENERAL INFORMATION
1	PLANS
2	ELEVATIONS
3	SECTIONS
4	ENLARGEMENTS
5	DETAILS
6-9	(VARIES BY DISCIPLINE)

SYMBOLS

ARCHITECTURAL ELEMENTS

ROOM NAME / 101 — ROOM NAME, ROOM NUMBER
ACT-1 / +1' - 0" — CEILING TYPE, FINISH ELEVATION
2222 — DOOR NUMBER
0A00A.XX — WALL TAG
ALUMINUM FRAMING SYSTEM TAG
A — WINDOW TAG
X — TOILET ACCESSORIES TAG
? — MATERIALS TAG
E-1 — EQUIPMENT TAG
CR — CARD READER

VIEW ELEMENTS

2 / A301 — DETAIL MARKER
1 / A101 SIM — SECTION MARKER
1 / A5.0.2B — EXTERIOR ELEVATION MARKER
+ Ref, + Ref, A5.0.2B, 1 Ref, Ref 1 — INTERIOR ELEVATION MARKER

SITE & LOCATION ELEMENTS

Level Name / 0'-0" — ELEVATION DATUM POINT
AA, 00 — COLUMN GRID AND GRID BUBBLES
N — NORTH ARROW

ANNOTATIONS

00 — SHEET KEYNOTE

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Harnett County NORTH CAROLINA
strong roots • new growth
Dewberry

NORTH CAROLINA REGISTERED 9584 REGISTERED LANDSCAPE ARCHITECT DERMARK SCHOENAGEL
06·13·19

ISSUE FOR
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ISSUE DATE
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REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
JULIE MCLAURIN, AIA
PROJECT MANAGER
ERIC SCHOENAGEL, AIA
DESIGN TEAM
LITTLE

PROJECT NAME
HARNETT COUNTY GOVERNMENT RESOURCE CENTER AND LIBRARY

PROJECT NO.
514-8066-00

SHEET TITLE
GENERAL INFORMATION AND SHEET INDEX

SHEET NUMBER
G001

2018 Appendix B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(REPRODUCE THE FOLLOWING DATA ON THE BUILDING PLANS SHEET 1 OR 2)

NAME OF PROJECT: HARNETT COUNTY GOVERNMENT SERVICES CENTER
ADDRESS: 301 W CORNELIUS HARNETT BLVD, LILLINGTON, NC **ZIP CODE:** 27546

OWNER/AUTHORIZED AGENT: STEVE WARD, HARNETT COUNTY
PHONE NUMBER: (T) (910)893-7555 ext.(F) (910)814-2662
E-MAIL: sward@harnett.org

OWNED BY: ☐ Private ■ City ■ County ☐ State ☐ Other City AHJ: LILLINGTON
CODE ENFORCEMENT JURISDICTION: ☐ City ☐ County ■ State County AHJ: HARNETT

PRIMARY POINT OF CONTACT:

NAME: ERIC SCHOENAGEL, AIA
COMPANY: LITTLE **PHONE NUMBER:** (919) 474-2543
EMAIL: Eric.Schoenagel@littleonline.com

Architect of Record:
NAME: Eric Schoenagel LICENSE NUMBER: 9584
COMPANY: Little Diversified Architectural Consulting PHONE NUMBER: (919) 474-2543
EMAIL: eric.schoenagel@littleonline.com

Civil Engineer of Record:
NAME: Matthew West LICENSE NUMBER: 034991
COMPANY: Dewberry PHONE NUMBER: (919) 424-3770
EMAIL: mwest@dewberry.com

Electrical Engineer of Record:
NAME: William Kemp LICENSE NUMBER: 041410
COMPANY: Dewberry PHONE NUMBER: (919) 424-3724
EMAIL: wkemp@dewberry.com

Fire Alarm Engineer of Record:
NAME: William Kemp LICENSE NUMBER: 041410
COMPANY: Dewberry PHONE NUMBER: (919) 424-3724
EMAIL: wkemp@dewberry.com

Plumbing Engineer of Record:
NAME: R. Emmett Wilis LICENSE NUMBER: 034327
COMPANY: Dewberry PHONE NUMBER: (919) 424-3728
EMAIL: rwillis@dewberry.com

Mechanical Engineer of Record:
NAME: John Teeter LICENSE NUMBER: 025837
COMPANY: Dewberry PHONE NUMBER: (984) 232-6803
EMAIL: jteeter@dewberry.com

Fire Suppression & Sprinkler Standpipe Engineer of Record:
NAME: R. Emmett Willis LICENSE NUMBER: 034327
COMPANY: Dewberry PHONE NUMBER: (919) 424-3728
EMAIL: rwillis@dewberry.com

Structural Engineer of Record:
NAME: Sarah Musser LICENSE NUMBER: 031551
COMPANY: Little Diversified Architectural Consulting PHONE NUMBER: (919) 474-2548
EMAIL: sarah.musser@littleonline.com

Retaining Walls (> 5'-0" high) Engineer of Record:
NAME: Sarah Musser LICENSE NUMBER: 031551
COMPANY: Little Diversified Architectural Consulting PHONE NUMBER: (919) 474-2548
EMAIL: sarah.musser@littleonline.com

Landscape Designer of Record
NAME: Bendy Ruggles LICENSE NUMBER: 2042
COMPANY: Dewberry Corp Number C-478 PHONE NUMBER: (984) 833-4833
EMAIL: bruggles@dewberry.com

Other Discipline Designer of Record
NAME: LICENSE NUMBER:
COMPANY: PHONE NUMBER:
EMAIL:

2018 NC Building Code: ☐ N/A ■ New Building ☐ Addition ☐ 1st Time Interior Completion ☐ Renovation ☐ Shell & Core* ☐ Phased Construction - Shell & Core*
* Contact local inspection jurisdiction for possible additional precedures & requirements.

2018 NC Existing Building Code: ■ N/A ☐ Prescriptive ☐ Repair ☐ Chapter 14 ☐ Alteration Level 1 ☐ Alteration Level 2 ☐ Alteration Level 3 ☐ Historic Property ☐ Change of Use

Constructed: N/A **Current Occupancy(s):** N/A
Renovated: N/A **Proposed Occupancy(s):** B, A-3

Occupancy Category: (Table 1604.5)
Current: ☐ I ☐ II ☐ III ☐ IV ■ N/A
Proposed: ☐ I ☐ II ■ III ☐ IV ☐ N/A

BASIC BUILDING DATA

Construction Type: ☐ I-A ☐ I-B ☐ II-A ■ II-B ☐ III-A ☐ III-B ☐ IV ☐ V-A ☐ V-B

Sprinklers: ☐ N/A ■ Yes ☐ No ☐ Partial ☐ N/A ■ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D

Standpipes: ☐ N/A ☐ No ■ Class I - Wet ☐ Class I - Dry ☐ Class II - Wet ☐ Class II - Dry ☐ Class III - Wet ☐ Class III - Dry

Primary Fire District: ■ Yes ☐ No

Flood Hazard Area: ☐ Yes ■ No

Special Inspections Required: ■ Yes* ☐ No
* Contact local inspection jurisdiction for possible additional precedures & requirements.

Special Inspections Required:
AS REQUIRED BY SECTION 1705, SOILS AND FOUNDATIONS, CAST IN PLACE CONCRETE, STRUCTURAL STEEL, AND RETAINING WALLS.

TOTAL SCOPE OF WORK AREA: 55,787 SF

PROJECT SCOPE OF WORK DESCRIPTION:
The Harnett County Government Services Center is a new building that will house the County Library and Government Administrative offices.

Gross Building Area Table

Floor	Existing Building Area	New Construction Area	Sub-Total
	0 SF	0 SF	0 SF
	0 SF	0 SF	0 SF
	0 SF	0 SF	0 SF
	0 SF	0 SF	0 SF
	0 SF	0 SF	0 SF
	0 SF	0 SF	0 SF
	0 SF	0 SF	0 SF
	0 SF	0 SF	0 SF
	0 SF	0 SF	0 SF
	0 SF	0 SF	0 SF
SECOND FLOOR	0 SF	25,997 SF	25,997 SF
FIRST FLOOR	0 SF	29,770 SF	29,770 SF
Totals:	0 SF	55,767 SF	55,767 SF

Allowable Area Classification & Uses

Primary Occupancy Classification(s):

Assembly	Business	Hazardous	Institutional	Mercantile	Storage	Utility & Misc.
☐ A-1	■ B	☐ H-1 (Detonate)	☐ I-1 (Condition 1)	☐ M	☐ S-1 (Moderate)	☐ U
☐ A-2	Education	☐ H-2 (Deflagrate)	☐ I-1 (Condition 2)	Residential	☐ S-1 (High Piled)	
■ A-3	☐ E	☐ H-3 (Combust)	☐ I-2 (Condition 1)	☐ R-1	☐ S-2 (Low)	
☐ A-4	Factory	☐ H-4 (Health)	☐ I-2 (Condition 2)	☐ R-2	☐ S-2 (High Piled)	
☐ A-5	☐ F-1 (Moderate)	☐ H-5 (HPM)	☐ I-3 (Condition 1)	☐ R-3	☐ Parking Garage (Open)	
	☐ F-2 (Low)		☐ I-3 (Condition 2)	☐ R-4	☐ Parking Garage (Enclosed)	
			☐ I-3 (Condition 3)		☐ Repair Garage	
			☐ I-3 (Condition 4)			
			☐ I-3 (Condition 5)			
			☐ I-4			

Accessory Occupancy Classification(s):
Incidental Uses (Table 509):
Special Uses (Chapter 4 - List Code Sections):
Special Provisions (Chapter 5 - List Code Sections):

Mixed Occupancy? ☐ No ■ Yes, Non-Separated Use (Section 508.3) ☐ Yes, Separated Use (Section 508.4)
Separation: ■ N/A ☐ 1 Hour ☐ 2 Hour ☐ 3 Hour ☐ 4 Hour
Exception: N/A

Separated Use Calculations (Table 506.2)

Occupancy Type	Actual Area (ft²)	Allowable Area (ft²)	[Actual Area]÷[Allowable Area]

NOT APPLICABLE

Allowable Area Increase Calculations

Story #	Description & Use	(A) Building Area per Story [Actual]	(B) Table 506.2[4] Area	(C) Area for Frontage Increase[1,5]	(D) Allowable Area per Story or Unlimited[2,3]
1	Library and Meeting (A-3)	29,770 ft²	28,500 ft²	7,125 ft²	35,625 ft²
2	Library and Meeting (A-3)	25,997 ft²	28,500 ft²	7,125 ft²	35,625 ft²
		0 ft²	0 ft²	0 ft²	TOTAL BUILDING 71,250 ft²
		0 ft²	0 ft²	0 ft²	0 ft²
		0 ft²	0 ft²	0 ft²	0 ft²
		0 ft²	0 ft²	0 ft²	0 ft²

[1] Frontage area increases from Section 506.2 are computed below:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = (F), (F) = 768'-8"
b. Total Building Perimeter = (P) (P) = 768'-8"
c. Ratio = (F/P) (F/P) = 1
d. Minimum width of public way = (W) (W) = 30' - 0"
e. Percent of frontage increase Iₑ = 100[F/P – 0.25] x W/30 (If) = 75%

[2] Unlimited area applicable under conditions of Section 507.
[3] Maximum Building Area = Total number of stories in the building * D (Maxumum 3 stories) (506.2).
[4] The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.
[5] Frontage increase is based on the unsprinklered area value in Table 506.2.

FIRE PROTECTION REQUIREMENTS

Building Element	Fire Separation Distance (feet)	Rating Required	Rating Provided (w/ Section ### reduction)*	Detail # & Sheet #	Design # for Rated Assembly	Sheet # for Rated Penetration	Sheet # for Rated Joints
Structural Frame (Columns, girders, trusses, etc.)	30'	0	0	N/A	N/A	N/A	N/A
Bearing Walls							
Exterior							
North	30'	0	N/A	N/A	N/A	N/A	N/A
East	30'	0	N/A	N/A	N/A	N/A	N/A
West	30'	0	N/A	N/A	N/A	N/A	N/A
South	30'	0	N/A	N/A	N/A	N/A	N/A
Interior Bearing Walls		0	N/A	N/A	N/A	N/A	N/A
Nonbearing Walls & Partitions							
Exterior							
North	30'	0	N/A	N/A	N/A	N/A	N/A
East	30'	0	0	N/A	N/A	N/A	N/A
West	30'	0	0	N/A	N/A	N/A	N/A
South	30'	0	0	N/A	N/A	N/A	N/A
Interior Walls & Partitions		0	0	N/A	N/A	N/A	N/A
Floor Construction (Including supporting beams & joists)		0	0	N/A	N/A	N/A	N/A
Floor Ceiling Assembly		0	0	N/A	N/A	N/A	N/A
Columns Supporting Floors		0	0	N/A	N/A	N/A	N/A
Roof Construction (Including supporting beams & joists)		0	0	N/A	N/A	N/A	N/A
Roof Ceiling Assembly		0	0	N/A	N/A	N/A	N/A
Columns Supporting Roof		0	0	N/A	N/A	N/A	N/A
Shaft Enclosures - Exit		1	1	G010	U419	C-AJ-2630	HW-D-0259
Shaft Enclosures - Other		1	1	G010	U415	C-AJ-2630	HW-D-0259
Corridor Separation		0	0	N/A	N/A	N/A	N/A
Occupancy/Fire Barrier Separation		1	1	G010	U419	C-AJ-2630	HW-D-0259
Party/Fire Wall Separation		0	0	N/A	N/A	N/A	N/A
Smoke Barrier Separation		0	0	N/A	N/A	N/A	N/A
Smoke Partition		0	0	N/A	N/A	N/A	N/A
Tenant/Dwelling Unit/Sleeping Unit Separation		N/A	N/A	N/A	N/A	N/A	N/A
Incidental Use Separation		0	0	N/A	N/A	N/A	N/A

* Indicate section number permitting reduction

Life Safety System Requirements

Emergency Lighting: ■ Yes ☐ No **Smoke Detection System:** ■ Yes ☐ No
Exit Signs: ■ Yes ☐ No ☐ Partial
Fire Alarm: ■ Yes ☐ No **Carbon Monoxide Detection:** ■ Yes ☐ No

Percentage of Wall Opening Calculations (Table 705.8)

	Fire Seperation Distance (ft) from Property Line	Degree of Openings Protection (Table 705.8)	Allowable Area (%)	Actual Shown on Plan (%)
Northern Elevation	570'-0"	Unprotected, Sprinkled	No Limit	46%
Eastern Elevation	730'-0"	Unprotected, Sprinkled	No Limit	36%
Southern Elevation	680'-0"	Unprotected, Sprinkled	No Limit	55%
Western Elevation	520'-0"	Unprotected, Sprinkled	No Limit	24%

Allowable Height

	Allowable	Shown on Plans	Code References
Building Height in Feet (Table 504.3)	75'-0"	41'-4"	N/A
Building Height in Stories (Table 504.4)	3	2	N/A

[1] Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

Life Safety Plan Requirements

Life Safety Plan Sheets: G111 THROUGH G114

- ■ Fire and/or smoke rated wall locations (Chapter 7)
- ☐ Assumed and real property line locations (if not on the site plan)
- ☐ Exterior wall opening area with respect to distance to assumed property lines (705.8)
- ■ Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
- ■ Occupant loads for each area
- ■ Exit access travel distances (1017)
- ■ Common path of travel distances [Tables 1006.2.1 & 1006.3.2(1)]
- ■ Dead end lengths (1020.4)
- ■ Clear exit widths for each exit door
- ■ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
- ■ Actual occupant load for each exit door
- ☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
- ■ Location of doors with panic hardware (1010.1.10)
- ■ Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
- ■ Location of doors with electromagnetic egress locks (1010.1.9.9)
- ☐ Location of doors equipped with hold-open devices
- ☐ Location of emergency escape windows (1030)
- ☐ The square footage of each fire area (202)
- ☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
- ☐ Note any code exceptions or table notes that may have been utilized regarding the items above

Accessible Dwelling Units (Section 1107)

Total Units	Accessible Units Required	Accessible Units Provided	Type "A" Units Required	Type "A" Units Provided	Type "B" Units Required	Type "B" Units Provided	Total Accessible Units Provided
NO DWELLING OR SLEEPING UNITS IN SCOPE OF WORK							

Accessible Parking (Section 1106)

Lot or Parking Area	Total # of Parking Spaces		Number of Accessible Spaces Provided			Total Number Accessible Spaces Provided
	Required	Provided	Regular with 5' Access Aisle	Van Spaces with: 132" Access Aisle	Van Spaces with: 8' Access Aisle	
CAMPUS PARKING	896	896	9	0	33	42
	0	0	0	0	0	0
Totals:	896	896	9	0	33	42

Plumbing Fixture Requirements (Table 2902.1)

Use		Water Closets Male	Water Closets Female	Water Closets Unisex	Urinals	Lavatories Male	Lavatories Female	Lavatories Unisex	Showers & Tubs	Drinking Fountains Regular	Drinking Fountains ADA
Space	Existing	0	0	0	0	0	0	0	0	0	0
	New	10	16	2	6	16	16	2	0	2	2
	Required	6	12	0	0	4	4	0	0	2	2

Total building counts shown. Refer to G111-G112 for further information.

SPECIAL APPROVALS

Special approvals: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc.) Described Below:
Parking is provided as part of a campus.

2018 Appendix B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

ENERGY SUMMARY

ENERGY REQUIREMENTS:
The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

EXISTING BUILDING ENVELOPE COMPLIES WITH CODE: ☐ Yes ☐ No ■ Not Applicable

EXEMPT BUILDING: ☐ Yes ■ No ☐ Not Applicable

Climate Zone: 4A
METHOD OF COMPLIANCE: ☐ No Change to Existing Systems ☐ Prescriptive (ASHRAE 90.1-2013) ☐ Prescriptive (NCECC 2018) ☐ Performance (ASHRAE 90.1-2013) ■ Performance (NCECC 2018) ☐ Other

2018 Appendix B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

THERMAL ENVELOPE:

Roof/Ceiling Assemblies:

Mark/Tag	LOW ROOF	CLERESTORY ROOF	
Description	TPO MEMBRANE ON R-30 INSULATION ON METAL DECKING	TPO MEMBRANE ON TAPERED R-30 INSULATION ON METAL DECKING	
Assembly Total U-Value	U-.033	U-.033	
R-Value of Insulation	R-30	R-30	
Skylights in Assembly	N/A	N/A	
Skylight Area in Assembly	N/A	N/A	

Skylight Assemblies:

Mark/Tag			
Assembly U-Value			
SHGC			

Exterior Wall Assemblies:

Mark/Tag	M-1		
Description	BRICK ON METAL STUDS WITH MIN. R-7.5 MINERAL WOOL		
Assembly Total U-Value	U=.046		
R-Value of Insulation	R-13 + R-7.5 c.i.		

Openings (Windows/Doors with Glazing):

Mark/Tag	SF	CW	
Assembly U-Value	U-.45	U-.46	
SHGC	SHGC-.27	SHGC-.27	
Projection Factor	PF=.06	PF=.06	
Door R-Value	R-2	R-2	

Walls Below Grade:

Mark/Tag			
Description			
Assembly Total U-Value			
R-Value of Insulation			

Floors Over Unconditioned Space:

Mark/Tag			
Description			
Assembly Total U-Value			
R-Value of Insulation			

Floors Slab-on-Grade:

Mark/Tag	SOG-1		
Description	4" 3000 PSI NORMAL WEIGHT CONCRETE SLAB.		
Assembly Total U-Value	U-.59		
R-Value of Insulation	R-15 @ PERIMETER		
Horizontal/Vertical Req.	48" VERTICAL		
Slab Heated?	UNHEATED		

2018 Appendix B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

STRUCTURAL DESIGN

DESIGN LOADS:

IMPORTANCE FACTORS:
SNOW (Iₛ): 1.1
SEISMIC (Iₑ): 1.25

GROUND SNOW LOAD: 15 PSF

WIND LOADS:
BASIC WIND SPEED (ASCE-7): 125 MPH
EXPOSURE CATEGORY: B

LIVE LOADS:
ROOF: 20 PSF
MEZZANINE: NA PSF
FLOOR: 100 PSF

SEISMIC DESIGN CATEGORY: C
RISK CATEGORY (TABLE 1604.5): III
SPECTRAL RESPONSE ACCELERATION:
(Sₛ): 18.1 %g
(S₁): 8.5 %g
SITE CLASSIFICATION (ASCE 7): D

DATA SOURCE: ☐ Not Applicable ■ Presumptive ☐ Field Test ☐ Historical Data
BASIC STRUCTURAL SYSTEM:
☐ Not Applicable ☐ Bearing Wall ■ Building Frame ☐ Moment Frame ☐ Dual w/ Special Moment Frame ☐ Dual w/ Intermediate R/C or Special Steel ☐ Inverted Pendulum
ANALYSIS PROCEDURE:
☐ Not Applicable ☐ Simplified ■ Equivalent Lateral Force ☐ Dynamic
Architectural, Mechanical, Components Anchored? ☐ Not Applicable ■ Yes ☐ No

LATERAL DESIGN CONTROL:
☐ Not Applicable ■ Earthquake ☐ Wind

SOIL BEARING CAPACITIES:
☐ Not Applicable ■ Field Test (Copy of Test Report Included) ☐ Presumptive Bearing Capacity
Soil Bearing Load: 3000 PSF
Pile Size, Type, & Capacity: NOT APPLICABLE

2018 Appendix B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

MECHANICAL DESIGN & SUMMARY

Mechanical Systems, Service Systems and Equipment

METHOD OF COMPLIANCE: ☐ No Change to Existing Systems ☐ Prescriptive (NCECC 2018) ☐ Performance (NCECC 2018) ☐ Performance (ASHRAE 90.1-2013) ☐ Other

Weather Station:
Thermal Zone:
Exterior Design Conditions:
summer dry bulb:
winter dry bulb:
summer wet b
Interior Design Conditions:
summer dry bulb:
winter dry bulb:
relative humidity:
Building Cooling Load:
Building Heating Load:
Mechanical Spacing Condi
Unitary:
description of unit:
cooling output:
cooling efficiency:
heating output:
heating efficiency:
Chiller:
Chiller output:
Oversizing reason:
Boiler:
Boiler output:
Oversizing reason
List equipment
Cooling Efficiency:
Heating Efficiency:
Mechanical system motors:
Motor horsepower:
Number of phases:
Minimum efficiency:
Motor type:
Number of poles:

REFER TO MECHANICAL SHEETS

2018 Appendix B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

ELECTRICAL DESIGN & SUMMARY

Electrical Systems and Equipment

METHOD OF COMPLIANCE: ☐ No Change to Existing Systems ☐ Prescriptive (NCECC 2018) ☐ Performance (NCECC 2018) ☐ Performance (ASHRAE 90.1-2013) ☐ Other

Lighting Schedule:
Fixture Type:
Lamp Type Required:
Number of Lamps:
Ballast Type Used:
Number of Ballasts:
Total Watts / Fixture:
Allowable Lighting Power:
INTERIOR LIGHTING
Allowed Lighting Power:
Designed Lighting Power:
Difference:
EXTERIOR LIGHTING
Allowed Lighting Power:
Designed Lighting Power:
Difference:

REFER TO ELECTRICAL SHEETS

Additional Efficiency Package Options:
FOR 2018 NCECC COMPLIANCE PATHS. NOT REQUIRED FOR ASHRAE 90.1 COMPLIANCE PATHS.

- ☐ C406.2 More Efficient HVAC Equipment Performance
- ■ C406.3 Reduced Lighting Power Density
- ☐ C406.4 Enhanced Digital Lighting Controls
- ☐ C406.5 On-Site Renewable Energy
- ☐ C406.6 Dedicated Outside Air System
- ☐ C406.7 Reduced Energy Use in Service Water Heating
- ☐ Not Applicable

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06-13-19

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
06.28.2019

REVISIONS

NO.	REASON	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
JULIE MCLAURIN, AIA
PROJECT MANAGER
ERIC SCHOENAGEL, AIA
DESIGN TEAM
LITTLE

PROJECT NAME
HARNETT COUNTY GOVERNMENT RESOURCE CENTER AND LIBRARY

PROJECT NO.
514-8066-00

SHEET TITLE
BUILDING CODE SUMMARY

SHEET NUMBER
G002

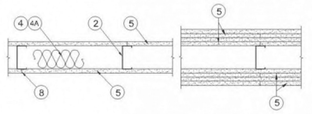
UL U419

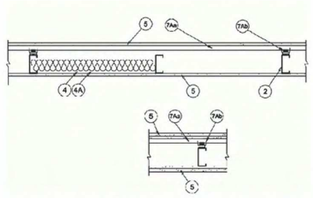
Design No. U419

September 28, 2018

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5 through 5K)

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**





1. **Floor and Ceiling Runners —** (Not Shown) — For use with Item 2 — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.

1A. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™ Track

CRACO MFG INC — SmartTrack25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track

FUSION BUILDING PRODUCTS — Viper25™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper25™ Track

1B. **Framing Members* — Floor and Ceiling Runner —** Not Shown — In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

FUSION BUILDING PRODUCTS — Viper20™ Track

IMPERIAL MANUFACTURING GROUP INC — Viper20™ Track

1C. **Framing Members* — Floor and Ceiling Runners —** (Not Shown) — In lieu of Item 1 — Channel shaped, attached to floor and ceiling with fasteners 24 in. OC. max.
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type SUPREME D20

UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20

1D. **Floor and Ceiling Runners —** (Not Shown) — For use with Item 2A — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1E. **Framing Members* — Floor and Ceiling Runners —** (Not Shown, As an alternate to Item 1) — For use with Items 2E, 5F or 5G or 5I only, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.
CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK

DMFCWBS L L C — ProTRAK

UL U415

Design No. U415

September 27, 2018

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

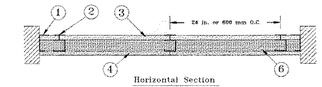
System A – 1 Hr.

Horizontal Section

System B – 2 Hr.

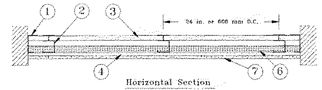
Horizontal Section

System C – 2 Hr.



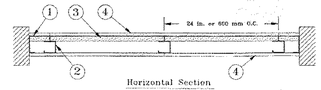
Horizontal Section

System D – 2 Hr.



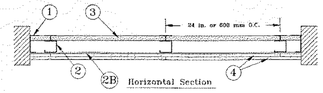
Horizontal Section

System E – 2 Hr.



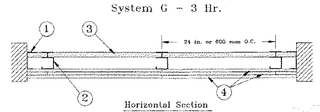
Horizontal Section

System F – 2 Hr.



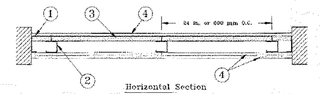
Horizontal Section

System G – 3 Hr.



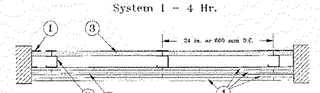
Horizontal Section

System H – 3 Hr.



Horizontal Section

System I – 4 Hr.



Horizontal Section

1. **Floor, Side and Ceiling Runners —** "J" - shaped runner, min 2-1/2 in. deep (min 4 in. deep when System C is used), with unequal legs of 1 in. and 2 in., fabricated from min 24 MSG (min 20 MSG when Item 4A, 4B, 4C, 4D or 7 are used) galv steel. Runners positioned with short leg toward finished side of wall. Runners attached to structural supports with steel fasteners located not greater than 2 in. from ends and not greater than 24 in. OC. "E" - shaped studs (Item 2A) may be used as side runners in place of "J" - shaped runners.

2. **Steel Studs —** "C-H" - shaped studs, min 2-1/2 in. deep (min 4 in. deep when System C is used), fabricated from min 25 MSG (min 20 MSG when Items 2D, 4A, 4B, 4C, 4D or 7 is used) galv steel. Cut to lengths 3/8 to 1/2 in. less than floor-to-ceiling height and spaced 24 in. or 600 mm OC (max 16 in. OC when Items 4A, 4B, 4C, or 4D are used).

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REVISIONS

NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE
JULIE MCLAURIN, AIA

PROJECT MANAGER
ERIC SCHOENAGEL, AIA

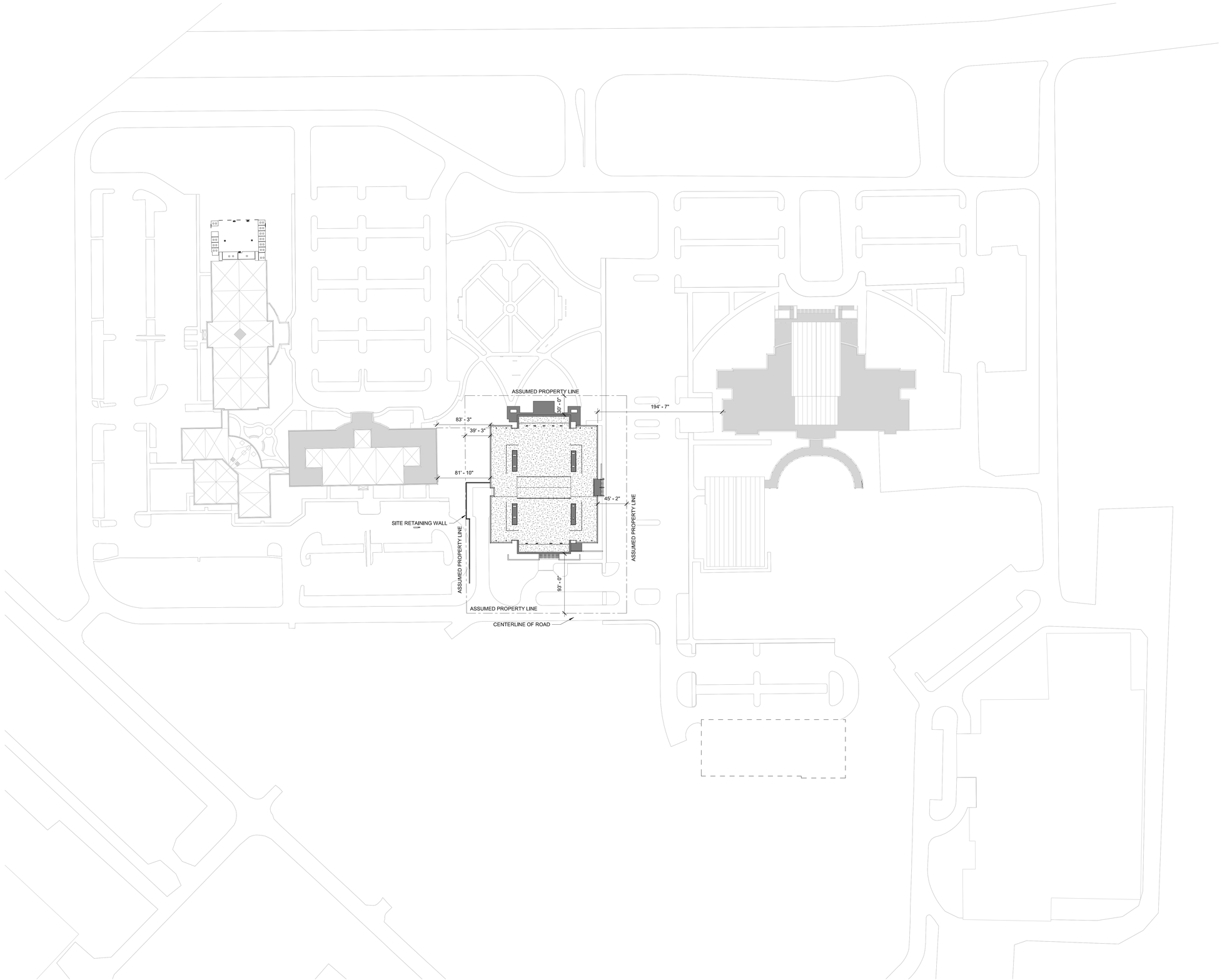
DESIGN TEAM
LITTLE

PROJECT NAME
HARNETT COUNTY GOVERNMENT RESOURCE CENTER AND LIBRARY

PROJECT NO.
514-8066-00

SHEET TITLE
FIRE RESISTANCE DESIGNS

SHEET NUMBER
G010



1 G100 ARCHITECTURAL SITE PLAN - LIFE SAFETY
1" = 60'-0"

6/28/2019 1:46:26 PM C:\Users\jeff.scott\Documents\ARCH-514806600-Harnett County GSC_jeff.scott@littleonline.com.rvt

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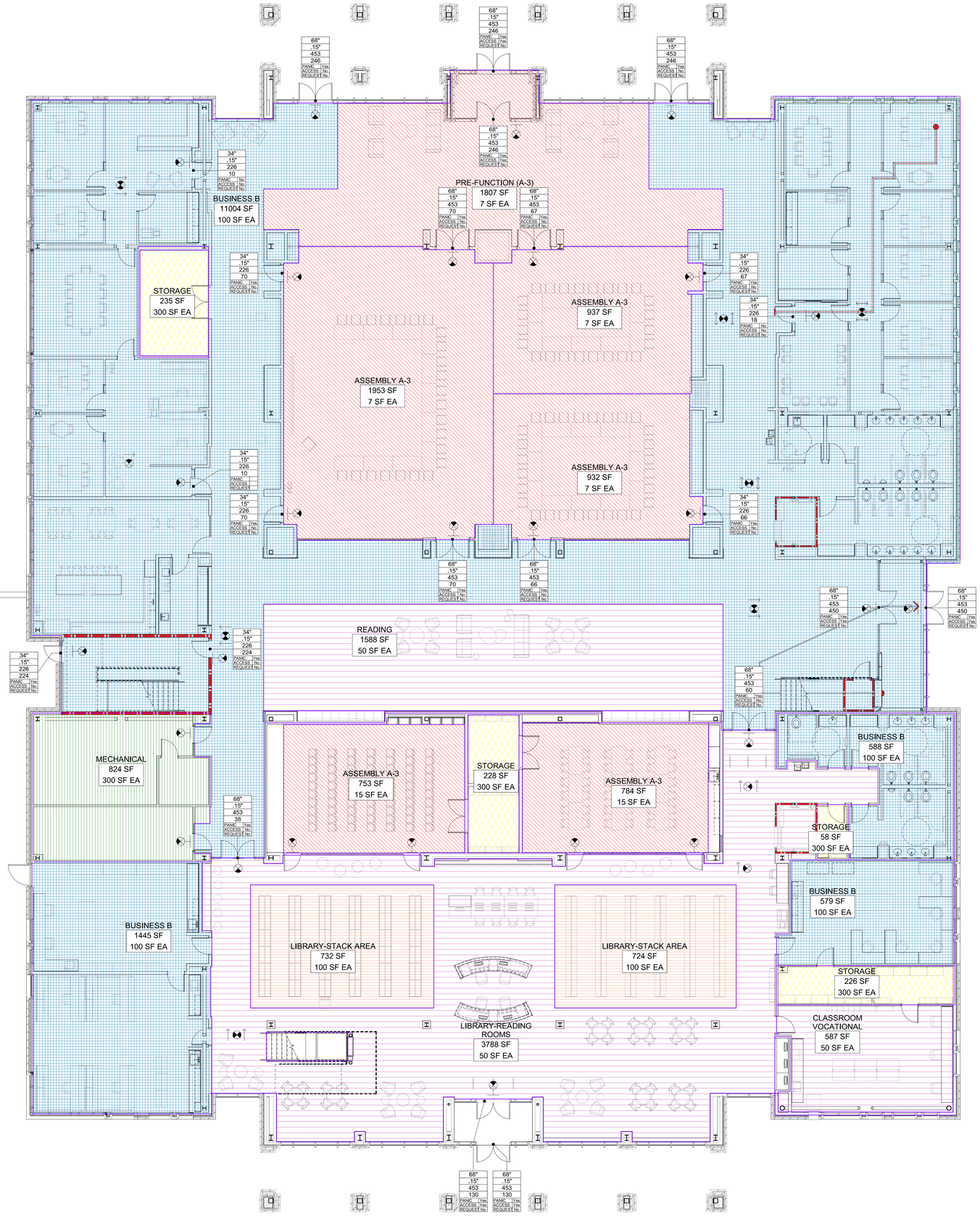
DESIGN TEAM
LITTLE

PROJECT NAME
HARNETT COUNTY GOVERNMENT RESOURCE CENTER AND LIBRARY

PROJECT NO.
514-8066-00

SHEET TITLE
ARCHITECTURAL SITE PLAN

SHEET NUMBER
G100



LIFE SAFETY - AREA SCHEDULE - LEVEL 01

OCCUPANCY	AREA	Load Factor	OCCUPANTS
BUSINESS B	11004 SF	100 SF	110
LIBRARY-READING ROOMS	3788 SF	50 SF	76
ASSEMBLY A-3	1953 SF	7 SF	279
PRE-FUNCTION (A-3)	1807 SF	7 SF	258
READING	1588 SF	50 SF	32
BUSINESS B	1445 SF	100 SF	14
ASSEMBLY A-3	937 SF	7 SF	134
ASSEMBLY A-3	932 SF	7 SF	133
MECHANICAL	824 SF	300 SF	3
ASSEMBLY A-3	784 SF	15 SF	52
ASSEMBLY A-3	753 SF	15 SF	50
LIBRARY-STACK AREA	732 SF	100 SF	7
LIBRARY-STACK AREA	724 SF	100 SF	7
BUSINESS B	588 SF	100 SF	6
CLASSROOM VOCATIONAL	587 SF	50 SF	12
BUSINESS B	579 SF	100 SF	6
STORAGE	235 SF	300 SF	1
STORAGE	228 SF	300 SF	1
STORAGE	226 SF	300 SF	1
STORAGE	58 SF	300 SF	0
	29770 SF		1,182

34" / .15" / 226 / 10 — PANIC: No, ACCESS: No, REQUEST: No — CLEAR OPENING WIDTH; CLEAR WIDTH PER OCCUPANT; OCCUPANT CAPACITY; ACTUAL OCCUPANT LOAD; PANIC HARDWARE; ACCESS CONTROL DEVICE (E.G. CARD READER); REQUEST TO EXIT

34" / 0.2" / 170 / 75 — CLEAR STAIR WIDTH; CLEAR WIDTH PER OCCUPANT; OCCUPANT CAPACITY; ACTUAL OCCUPANT LOAD

TRAVEL DISTANCE SHOWN: 000' — EXIT EGRESS DISTANCE; EXIT EGRESS COMMON PATH

TRAVEL DISTANCE SHOWN: 000' — EXIT EGRESS DEAD END DISTANCE

OVERALL DIAGONAL DIMENSION - 14' - 0" — OVERALL DIAGONAL DISTANCE

DISTANCE BETWEEN EXITS - 14' - 0" — EXIT REMOTENESS DISTANCE

CR — CARD READER

Area Name / 150 SF / 100 SF EA — AREA; LOAD FACTOR

ILLUMINATED EXIT SIGN

SYMBOLS - LIFE SAFETY

NOT TO SCALE

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NO.	REASON	DATE

PROJECT TEAM

PRINCIPAL IN CHARGE: JULIE MCLAURIN, AIA

PROJECT MANAGER: ERIC SCHOENAGEL, AIA

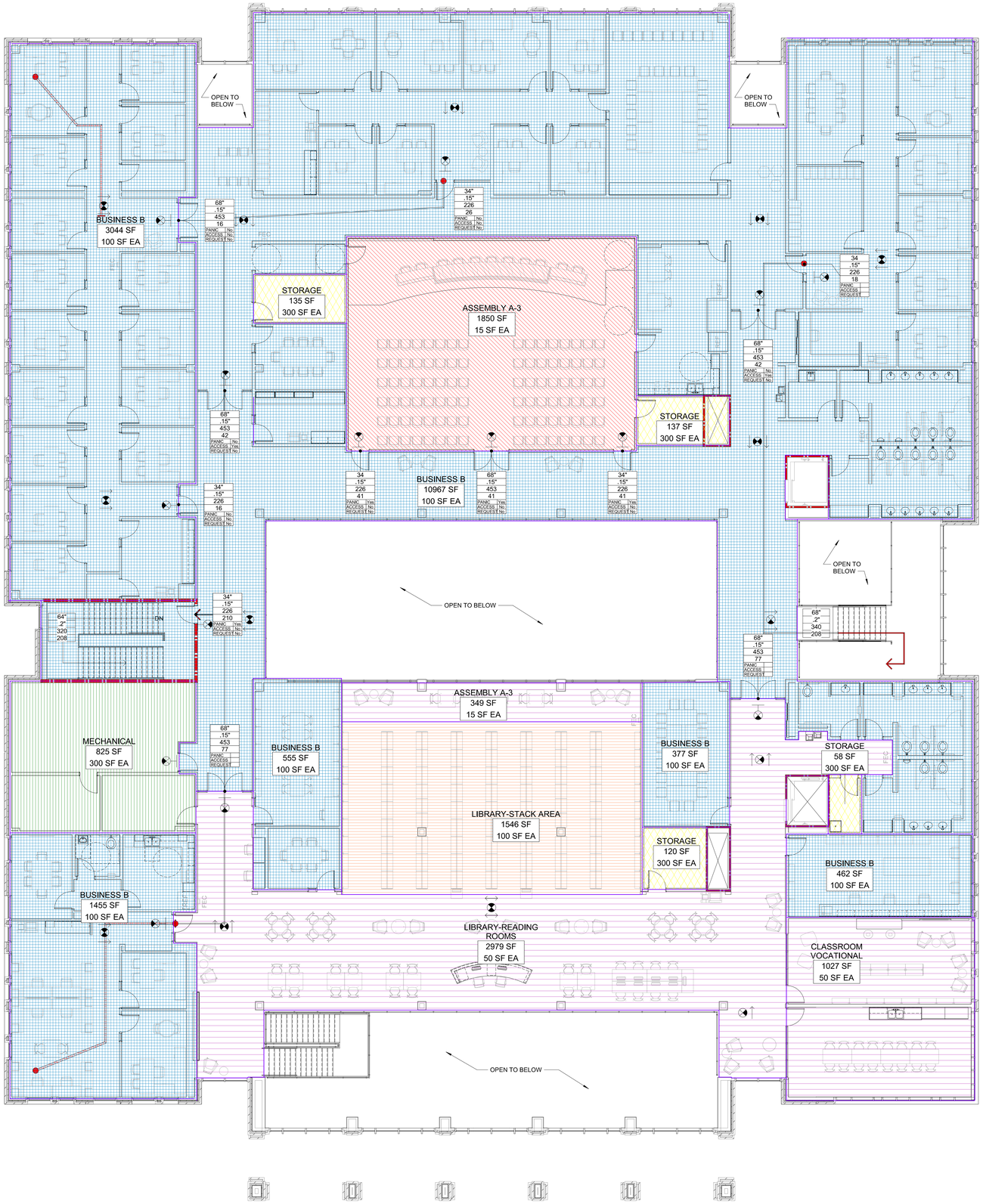
DESIGN TEAM: LITTLE

PROJECT NAME: HARNETT COUNTY GOVERNMENT RESOURCE CENTER AND LIBRARY

PROJECT NO.: 514-8066-00

SHEET TITLE: OCCUPANCY PLAN - FIRST FLOOR

SHEET NUMBER: G111



1 G112 LS OCCUPANCY PLAN - LEVEL 02
1/8" = 1'-0"

LIFE SAFETY - AREA SCHEDULE - LEVEL 02

OCCUPANCY	AREA	LOAD FACTOR	OCCUPANTS
BUSINESS B	10967 SF	100 SF	110
BUSINESS B	3044 SF	100 SF	30
LIBRARY-READING ROOMS	2979 SF	50 SF	60
ASSEMBLY A-3	1850 SF	15 SF	123
LIBRARY-STACK AREA	1546 SF	100 SF	15
BUSINESS B	1455 SF	100 SF	15
CLASSROOM VOCATIONAL	1027 SF	50 SF	21
MECHANICAL	825 SF	300 SF	3
BUSINESS B	555 SF	100 SF	6
BUSINESS B	462 SF	100 SF	5
BUSINESS B	377 SF	100 SF	4
ASSEMBLY A-3	349 SF	15 SF	23
STORAGE	137 SF	300 SF	0
STORAGE	135 SF	300 SF	0
STORAGE	120 SF	300 SF	0
STORAGE	58 SF	300 SF	0
	25887 SF		415

34" CLEAR OPENING WIDTH
.15" CLEAR WIDTH PER OCCUPANT
226 OCCUPANT CAPACITY
16 ACTUAL OCCUPANT LOAD
PANIC No PANIC HARDWARE
ACCESS Yes ACCESS CONTROL DEVICE (E.G. CARD READER)
REQUEST No REQUEST TO EXIT

34" CLEAR STAIR WIDTH
.2" CLEAR WIDTH PER OCCUPANT
170 OCCUPANT CAPACITY
75 ACTUAL OCCUPANT LOAD

TRAVEL DISTANCE SHOWN: 000' EXIT EGRESS DISTANCE / EXIT EGRESS COMMON PATH

TRAVEL DISTANCE SHOWN: 000' EXIT EGRESS DEAD END DISTANCE

OVERALL DIAGONAL DIMENSION - 14' - 0" OVERALL DIAGONAL DISTANCE

DISTANCE BETWEEN EXITS - 14' - 0" EXIT REMOTENESS DISTANCE

CR CARD READER

Area Name
150 SF
100 SF EA
AREA / LOAD FACTOR

ILLUMINATED EXIT SIGN

SYMBOLS - LIFE SAFETY
1/8" = 1'-0"

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06·13·19

ISSUE FOR
CONSTRUCTION DOCUMENTS

ISSUE DATE
06.28.2019

REVISIONS

NO.	REASON	DATE

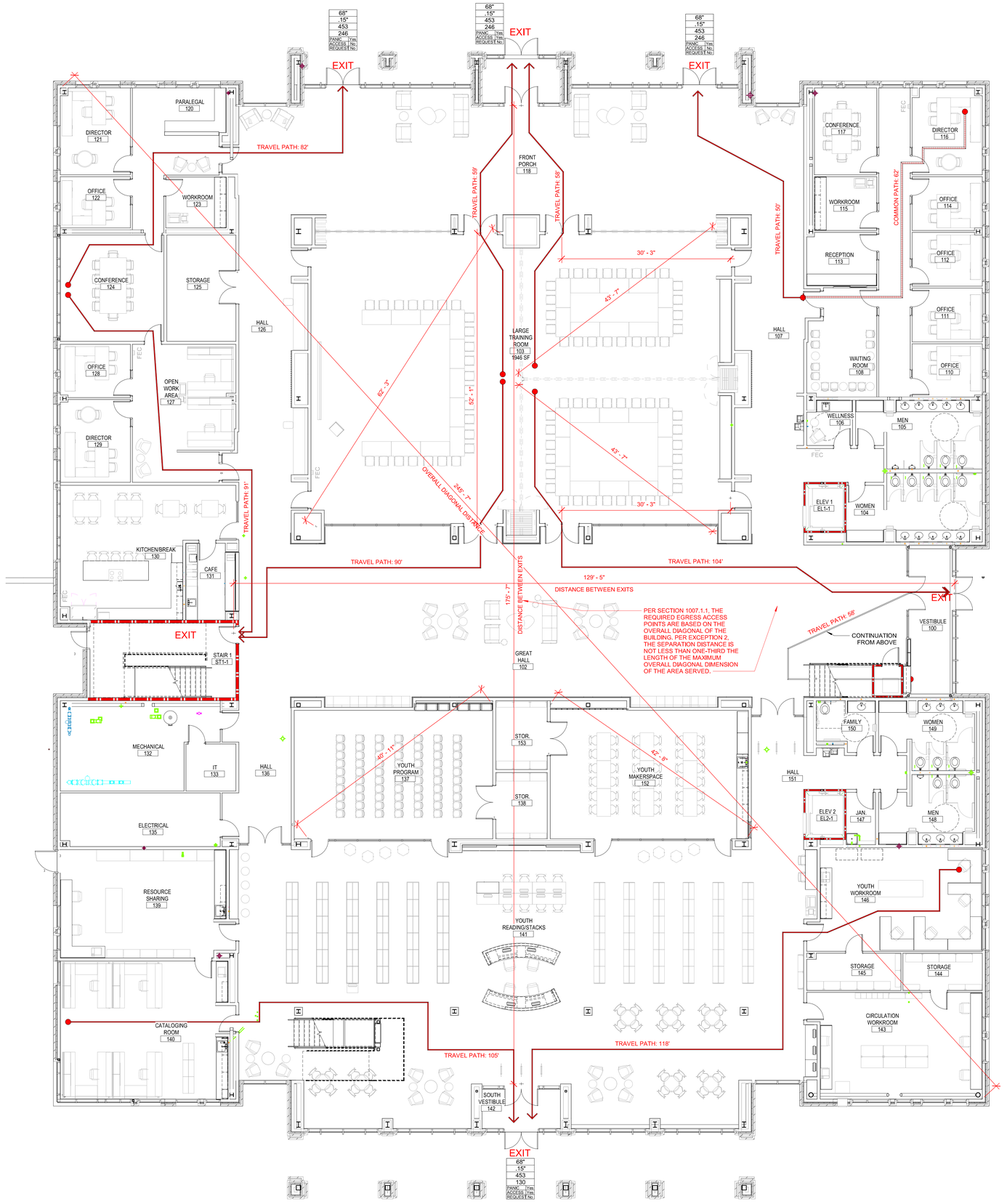
PROJECT TEAM
PRINCIPAL IN CHARGE
JULIE MCLAURIN, AIA
PROJECT MANAGER
ERIC SCHOENAGEL, AIA
DESIGN TEAM
LITTLE

PROJECT NAME
HARNETT COUNTY GOVERNMENT RESOURCE CENTER AND LIBRARY

PROJECT NO.
514-8066-00

SHEET TITLE
OCCUPANCY PLAN - SECOND FLOOR

SHEET NUMBER
G112



2A / G113 LIFE SAFETY PLAN - LEVEL 01

1/8" = 1'-0"

RATED WALL TYPES

1/8" = 1'-0"

	FIRE BARRIER	FIRE & SMOKE BARRIER
1-HOUR		
2-HOUR		
3-HOUR		

	FIRE WALL	FIRE PARTITION
2-HOUR		
3-HOUR		
4-HOUR		
0.5-HOUR		
1-HOUR		

	SMOKE PARTITION	SMOKE BARRIER
0-HOUR		
1-HOUR		

SYMBOLS - LIFE SAFETY

1/8" = 1'-0"

34" / 0.2" / 170 / 75 / PANIC: Yes / ACCESS: No / REQUEST: No
- CLEAR OPENING WIDTH
- CLEAR WIDTH PER OCCUPANT
- OCCUPANT CAPACITY
- ACTUAL OCCUPANT LOAD
- PANIC HARDWARE
- ACCESS CONTROL DEVICE (E.G. CARD READER)
- REQUEST TO EXIT

34" / 0.2" / 170 / 75
- CLEAR STAIR WIDTH
- CLEAR WIDTH PER OCCUPANT
- OCCUPANT CAPACITY
- ACTUAL OCCUPANT LOAD

TRAVEL DISTANCE SHOWN: 000'
- EXIT EGRESS DISTANCE
- EXIT EGRESS COMMON PATH

TRAVEL DISTANCE SHOWN: 000'
- EXIT EGRESS DEAD END DISTANCE

OVERALL DIAGONAL DIMENSION - 14' - 0"
- OVERALL DIAGONAL DISTANCE

DISTANCE BETWEEN EXITS - 14' - 0"
- EXIT REMOTENESS DISTANCE

CR
- CARD READER

Area Name / 150 SF / 100 SF EA
- AREA
- LOAD FACTOR

- ILLUMINATED EXIT SIGN

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REVISIONS

NO.	REASON	DATE

PROJECT TEAM
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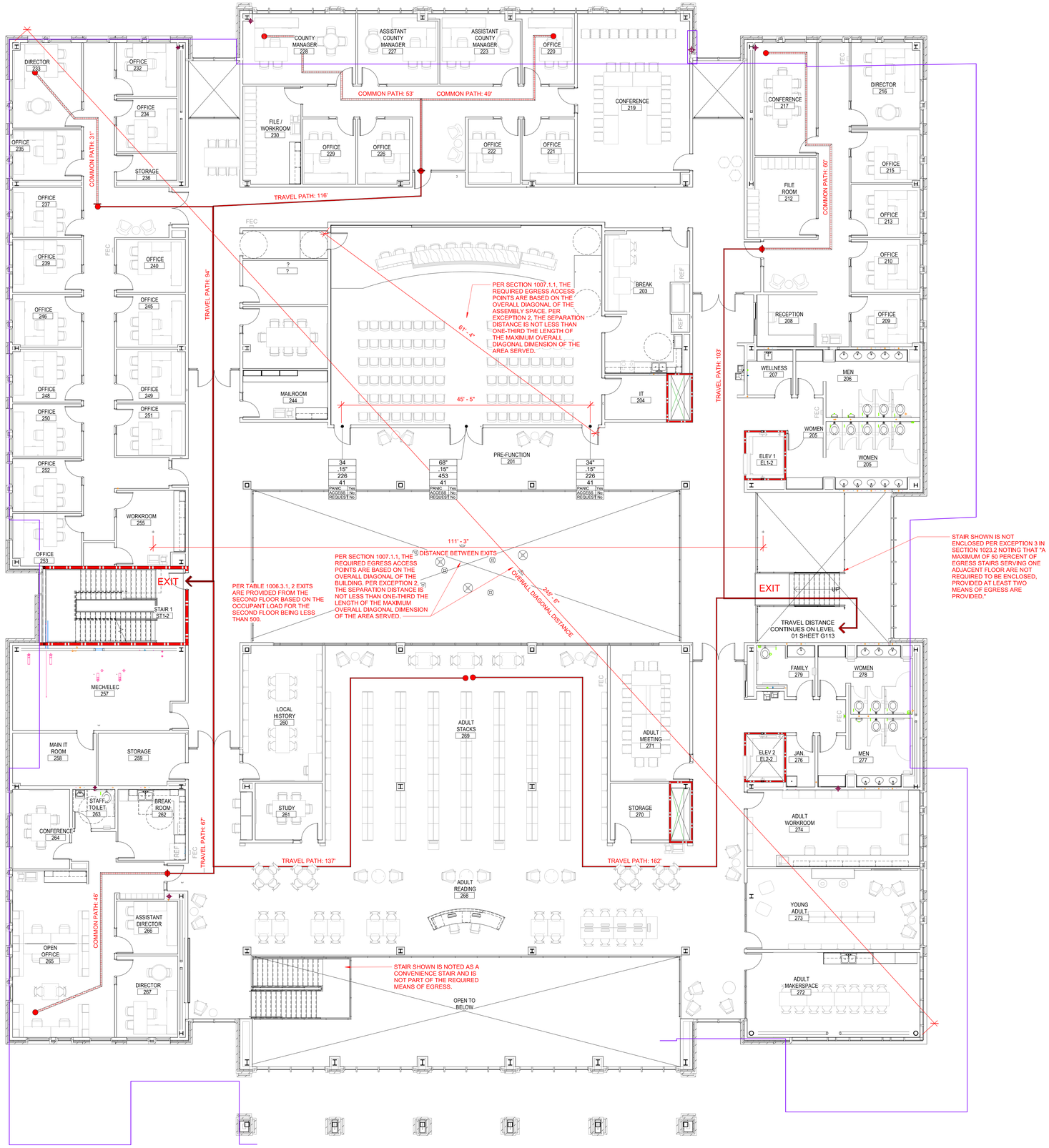
PROJECT NAME
HARNETT COUNTY GOVERNMENT RESOURCE CENTER AND LIBRARY

PROJECT NO.
514-8066-00

SHEET TITLE
LIFE SAFETY PLAN - FIRST FLOOR

SHEET NUMBER
G113



1 G114 LIFE SAFETY PLAN - LEVEL 02

1/8" = 1'-0"

	FIRE BARRIER		FIRE & SMOKE BARRIER
1-HOUR		1-HOUR	
2-HOUR		2-HOUR	
3-HOUR		3-HOUR	
	FIRE WALL		FIRE PARTITION
2-HOUR		0.5-HOUR	
3-HOUR		1-HOUR	
4-HOUR			
	SMOKE PARTITION		SMOKE BARRIER
0-HOUR		1-HOUR	

RATED WALL TYPES

NOT TO SCALE

34" — CLEAR OPENING WIDTH
0.2" — CLEAR WIDTH PER OCCUPANT
170 — OCCUPANT CAPACITY
75 — ACTUAL OCCUPANT LOAD
PANIC ACCESS REQUEST Yes No — PANIC HARDWARE / ACCESS CONTROL DEVICE (E.G. CARD READER) / REQUEST TO EXIT

34" — CLEAR STAIR WIDTH
0.2" — CLEAR WIDTH PER OCCUPANT
170 — OCCUPANT CAPACITY
75 — ACTUAL OCCUPANT LOAD

TRAVEL DISTANCE SHOWN: 000' — EXIT EGRESS DISTANCE / EXIT EGRESS COMMON PATH
TRAVEL DISTANCE SHOWN: 000' — EXIT EGRESS DEAD END DISTANCE
OVERALL DIAGONAL DIMENSION - 14' - 0" — OVERALL DIAGONAL DISTANCE
DISTANCE BETWEEN EXITS - 14' - 0" — EXIT REMOTENESS DISTANCE
CR — CARD READER
Area Name / 150 SF / 100 SF EA — AREA / LOAD FACTOR
ILLUMINATED EXIT SIGN

SYMBOLS - LIFE SAFETY

NOT TO SCALE

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PROJECT TEAM
PRINCIPAL IN CHARGE: JULIE MCLAURIN, AIA
PROJECT MANAGER: ERIC SCHOENAGEL, AIA
DESIGN TEAM: LITTLE

PROJECT NAME: HARNETT COUNTY GOVERNMENT RESOURCE CENTER AND LIBRARY
PROJECT NO.: 514-8066-00
SHEET TITLE: LIFE SAFETY PLAN - SECOND FLOOR
SHEET NUMBER: G114