

AUBURN PUBLIC LIBRARY ADDITION & RENOVATION

: PROJECT

24 5TH STREET
Auburn, Georgia 30011

: LOCATION

PIEDMONT REGIONAL LIBRARY SYSTEM
990 Washington Street, Jefferson, GA 30549 | Ph: 706.367.9399

: OWNER

PONDER & PONDER, ARCHITECTS
3000 Langford Road, Building 200, Norcross, Georgia 30071 Ph: 770.449.8860 Fax: 770.449.8861

: ARCHITECT

PALMER ENGINEERING COMPANY (Structural)
3585 Habersham at Northlake, Building N | Tucker, GA 30084 | Ph: 770.908.9908 Fax: 770.908.9919

CONSULTING
: ENGINEERS

GENE GABRELL, P.E. (Electrical)
2745 Rockside Court | Snellville, GA | Ph. 678.938.6392

PROJECT DATA

PROJECT DATA:
NAME OF PROJECT: AUBURN PUBLIC LIBRARY ADDITION AND RENOVATION
ADDRESS: 24 5TH STREET
AUBURN, GEORGIA 30011
CONTACT: BELINDA OUTWATER, LIBRARY MANAGER, (770)513-2925
OWNER: PIEDMONT REGIONAL LIBRARY SYSTEM
990 WASHINGTON STREET,
JEFFERSON, GA 30549
(706)367-9399
PROJECT TYPE: RENOVATION OF AN EXISTING LIBRARY BUILDING
ADDITION TO AN EXISTING LIBRARY BUILDING
OCCUPANCY GROUP: ASSEMBLY A-3
PROPOSED USE: PUBLIC LIBRARY

DESIGN CODES:
2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL PLUMBING CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2014 NATIONAL ELECTRIC CODE
2018 INTERNATIONAL FIRE CODE
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
2018 INTERNATIONAL EXISTING BUILDING CODE
2018 INTERNATIONAL PROPERTY MAINTENANCE CODE
2018 NFPA 101 LIFE SAFETY CODE
ALL CODES TO INCLUDE
GEORGIA AMENDMENTS

DESIGNER OF RECORD:
ARCHITECTURAL: ROBERT M. PONDER, LICENSE # 8327, TELEPHONE # 770.449.8860
STRUCTURAL: MICHAEL J. TELFER, LICENSE # 20409, TELEPHONE # 770.908.9908
ELECTRICAL: EUGENE J. GABRELL, LICENSE # 25061, TELEPHONE # 770.982.8289

BUILDING DATA:
CONSTRUCTION TYPE: QUALIFIED UNDER TYPE VB
STORY: N/A
ALLOWABLE HEIGHT: SINGLE STORY
PROPOSED HEIGHT: ±23'-0" TO PEAK OF HIGHEST SLOPED ROOF
ALLOWABLE AREA: 24,000 SQ. FT. PER FLOOR
PROPOSED AREA: 2,820 GROSS SQ. FT. OF ADDITION.
TOTAL BUILDOUT AREA: 8,775 GROSS SQ. FT. (EXISTING & ADDITION)
ALLOWABLE STORIES: 1 STORY
NUMBER OF STORIES: 1 STORY
MEZZANINE: NO
HIGH RISE: NO

FIRE RESISTANCE RATINGS			
WALL TYPE	RATING	DETAIL #	UL DESIGN #
PARTY FIREWALLS:	N/A	N/A	N/A
EXTERIOR BEARING WALLS:	0 HOUR	-	-
EXTERIOR NON-BEARING WALLS:	0 HOUR	-	-
ROOF:	0 HOUR	-	-
INTERIOR BEARING WALLS:	0 HOUR	-	-
INTERIOR NON-BEARING WALLS:	0 HOUR	-	-
BEAMS:	0 HOUR	-	-
COLUMNS:	0 HOUR	-	-
CEILING/ROOF ASSEMBLY:	0 HOUR	-	-
VERTICAL SHAFTS:	2 HOUR	-	-
CHASES - P.M.E.:	N/A	-	-
CEILING/FLOOR ASSEMBLY:	0 HOUR	-	-
TENANT SEPARATION:	N/A	-	-

EMERGENCY LIGHTING AND EXIT SIGNS
PANIC HARDWARE

EXIT REQUIREMENTS:
DEAD END LIMIT-MAXIMUM ALLOWED = 20'-0"
DEAD END LIMIT-MAXIMUM PROPOSED = N/A
TRAVEL DISTANCE TO EXIT-MAXIMUM ALLOWED = 250'-0"
TRAVEL DISTANCE TO EXIT-MAXIMUM PROPOSED = ±105'-0"
NUMBER OF EXITS REQUIRED = 2
NUMBER OF EXITS PROVIDED = 5

OCCUPANT LOAD CALCULATIONS:
LIBRARY STACK AREA: 1,830 G.S.F. @ 100 G.S.F. / OCCUPANT = 19 OCCUPANTS
LIBRARY READING AREAS: 3,552 N.S.F. @ 50 N.S.F. / OCCUPANT = 72 OCCUPANTS
ASSEMBLY (MEETING ROOM): 1,318 N.S.F. @ 7 N.S.F. / OCCUPANT = 189 OCCUPANTS
ACCESSORY AREAS: 2,075 G.S.F. @ 300 G.S.F. / OCCUPANT = 7 OCCUPANTS
TOTAL OCCUPANTS FOR FINAL BUILD-OUT: 287 OCCUPANTS

EGRESS CAPACITY FACTOR:
0.2 IN. / OCCUPANT X 287 TOTAL OCCUPANTS = 57.4 INCHES

DESIGN LOADS:
ROOF LIVE LOAD: SEE STRUCTURAL DWGS.
ROOF SNOW LOAD: SEE STRUCTURAL DWGS.
FLOOR LIVE LOAD: SEE STRUCTURAL DWGS.
WIND FORCE: SEE STRUCTURAL DWGS.
SEISMIC: SEE STRUCTURAL DWGS.
FROST DEPTH: SEE STRUCTURAL DWGS.

PARKING REQUIREMENTS:
N/A - EXISTING PARKING TO REMAIN AS IS.

ARCHITECTURAL SCOPE OF WORK:
A ONE STORY BUILDING ADDITION OF 2,820 GROSS SQUARE FEET TO AN EXISTING 5,955 GROSS SQUARE FOOT PUBLIC LIBRARY. THE ADDITION SHALL INCLUDE A NEW MEETING ROOM, EMPLOYEE WORK ROOM, MEETING ROOM STORAGE ROOM, STUDY ROOMS, AND ADDITIONAL AREA FOR THE RE-LOCATED CHILDRENS AREA. THE ADDITION IS TO BE TIED INTO THE EXISTING BUILDING SEAMLESSLY, UTILIZING SIMILAR CONSTRUCTION, AND APPEARING AS IF IT WAS PART OF THE ORIGINAL CONSTRUCTION. THERE ARE SPECIFIC RENOVATIONS TO THE EXISTING LIBRARY, IN THE AREA OF THE CURRENT WORK ROOM, WHERE A DEDICATED EMPLOYEE BREAK ROOM IS TO BE CREATED, AND TWO STUDY ROOMS ARE TO BE ADDED.

THE LIBRARY IS TO REMAIN OPEN AND FUNCTIONAL AS MUCH AS POSSIBLE DURING CONSTRUCTION.

HVAC SCOPE OF WORK:
HVAC SCOPE OF WORK INCLUDES THE ADDITION OF HVAC FOR THE BUILDING ADDITION. THIS WORK IS TO BE PROVIDED BY THE CONTRACTOR ON A DESIGN-BUILD BASIS. THE CONTRACTOR SHALL ASSUME THE ADDITION OF ONE 5-TON HEATING AND AIR CONDITIONING SPLIT SYSTEM UNIT, WITH ONE GROUND MOUNTED OUTSIDE CONDENSING UNIT, AND ONE INSIDE FLOOR MOUNTED FAN COIL UNIT. THE FAN COIL UNIT IS TO BE LOCATED INSIDE THE CORNER OF THE NEW MEETING ROOM STORAGE ROOM, NOTED ON THE FLOOR PLAN. THE CONDENSING UNIT IS TO BE LOCATED OUTSIDE THE BUILDING ON A GROUND MOUNTED CONCRETE PAD, SUFFICIENTLY SIZED FOR THE UNIT SIZE, AND LOCATED JUST OUTSIDE OF THE FAN COIL UNIT SPACE, AT THE END OF THE BUILDING (NOT AT THE BUILDING FRONT). THE SPLIT SYSTEM SHALL BE ALL ELECTRIC. THE WORK SHALL INCLUDE INSULATED DUCTWORK FROM THE FAN COIL UNIT TO DISTRIBUTION POINTS AT THE ADDED ROOMS AND SPACES, INCLUDING EACH OF THE NEW STUDY ROOMS. PROVIDE ONE ELECTRONIC, PROGRAMMABLE THERMOSTAT, INSIDE A LOCKABLE WALL-MOUNTED ENCLOSURE, LOCATED IN A PUBLIC SPACE, AS DIRECTED BY THE OWNER. PROVIDE DUCTED RETURNS FROM EACH SPACE. PROVIDE SQUARE CEILING MOUNTED METAL SUPPLY AND RETURN AIR DIFFUSERS, PRE-FINISHED IN WHITE, SUITABLE FOR INSTALLATION IN ACUSTICAL GRID CEILINGS. SUPPLY DIFFUSERS IN STUDY ROOMS TO BE ADJUSTABLE. INSTALL NEW DUCTWORK ABOVE CEILING AND AS TIGHT TO STRUCTURE AS POSSIBLE, AND COORDINATED WITH RECESSED LIGHT FIXTURES SO AS TO NOT INTERFERE WITH THEIR PLACEMENT.FOLLOW ASHRAE STANDARDS AND IBC REQUIREMENTS.

PONDER & PONDER ARCHITECTS

3000 Langford Road
Building 200
Norcross, GA 30071-4771
770-449-8860
770-449-8861 fax



ABBREVIATIONS

AT	ANCHOR BOLT	I.D.	IDENTIFICATION
A.B.	ANCHOR BOLT	INSUL.	INSULATION
A.C.	ACOUSTICAL TILE	INT.	INTERIOR
AC	AIR CONDITIONING	JAN.	JANITOR
ACU.	ACOUSTICAL	JOINT	JOINT
ADJ.	ADJUSTABLE	LAM.	LAMINATED
A.F.F.	ABOVE FINISH FLOOR	LAV.	LAVATORY
AL.	ALUMINUM*	LGT.	LIGHT
ALUM.	ALUMINUM	MACH.	MACHINE
APPROX.	APPROXIMATE	MAINT.	MAINTENANCE
AUTO.	AUTOMATIC	MAX.	MAXIMUM
B.F.	BARRIER FREE	MECH.	MECHANICAL
BK.	BLOCK	MIN.	MINIMUM
BM.	BEAM	MISC.	MISCELLANEOUS
BOT.	BOTTOM	M.R.	MOISTURE RESISTANT
CA.	CARPET	M.T.	METAL THRESHOLD
CAB.	CABINET	MTD.	MOUNTED
C.J.	CONSTRUCTION JOINT	MTL.	METAL
CL.	CENTERLINE	N.C.	NON COMBUSTIBLE
CL.	CEILING	N.I.C.	NOT IN CONTRACT
CLR.	CLEAR	N.T.S.	NOT TO SCALE
C.M.U.	CONCRETE MASONRY UNIT	O.C.	ON CENTER
C.O.	CLEAN OUT	O.F.	OUTSIDE FACE
COL.	COLUMN	O.F.C.I.	OWNER FURNISHED/ CONTRACTOR INSTALLED
CONC.	CONCRETE	O.F.O.I.	OWNER FURNISHED/ CONTRACTOR INSTALLED
CONT.	CONTIGUOUS		
C.T.	CERAMIC TILE		
C.F./C.I.	CONTR. FURN./ CONTR. INSTALLED		
C.F./O.I.	CONTR. FURN./ OWNER INSTALLED		
DBL.	DOUBLE	PA.	PAINT
DF.	DRINKING FOUNTAIN	PF.	PRE-FINISHED
DIAG.	DIAGONAL	P.L.	PLASTIC LAMINATE
DIA.	DIAMETER	PLT.	PLATE
DISP.	DISPENSER	PRFH.	PRESSURE TREATED
DN.	DOWN	P.W.D.	PLYWOOD
DR.	DOOR	Q.T.	QUARRY TILE
DRK.	DARK	R.	RISER
D.S.	DOWNSPOUT	R.B.	RESILIENT BASE
DTL.	DETAIL	REF.	REFERENCE
DWG.	DRAWING	REFL.	REFLECTED
EA.	EACH	RES-ST.	RESISTANT
E.B.	EXPANSION BOLT	R.M.	ROOM
E.F.	EACH FACE	R.S.	RELIEF SCUPPER
E.I.F.S.	EXTERIOR INSULATION FINISH SYSTEM	R.O.W.	RIGHT OF WAY
E.J.	EXPANSION JOINT	S.B.	SUPPORT BARS
ELEV.	ELEVATION	S.C.	SOLID CORE
EQ.	EQUAL	SH.	SHIELD
EQIP.	EQUIPMENT	SHK.	SIMILAR
EXT.	EXISTING	SPKLR.	SPECIFICATION
EXT.	EXTERIOR	SQ.	SQUARE
F.E.	FIRE EXTINGUISHER	ST.	STAIN
F.E.C.	FIRE EXTING. CABINET	STL.	STEEL
F.O.B.	FACE OF BRICK	STOR.	STORAGE
F.O.C.	FACE OF CONCRETE	SUSP.	SUSPENDED
F.O.M.	FACE OF MASONRY	SP.	STANDPIPE
F.D.	FLOOR DRAIN	SW	SIDEWALK
F.F.	FINISH FLOOR	TEL.	TELEPHONE
F.G.	FINISH GRADE	TEXT.	TEXTURE
FIN.	FINISH	THR.	THRESHOLD
FLR.	FLOOR	T.O.B.	TOP OF BEAM
FR.	FRAME	T.O.C.	TOP OF CONC.
F.O.S.	FACE OF STUD	T.O.P.	TOP OF PAVING
FR.	FIRE RESISTANT	T.O.S.	TOP OF SLAB
F.V.	FIELD VERIFY	T.O.W.	TOP OF WALL
GA.	GALVANIZED IRON	T.P.	TOILET PAPER
GL.	GLASS	TR.	TREAD
GpW.	GYPSON DRYWALL	TYP.	TYPICAL
H.B.	HOSE BIBB	VERT.	VERTICAL
H.C.	HOLLOW CORE	V.C.T.	VINYL COMPOSITION TILE
H.D.	HUB DRAIN	VEST.	VESTIBULE
HDWR.	HARDWARE	V.W.C.	VINYL WALL COVERING
H.M.	HOLLOW METAL	W.	WIDTH
HORIZ.	HORIZONTAL	W.C.	WALLCOVERING*
HT.	HEIGHT	W.D.	WOOD
		W.H.	WALL HYDRANT
		W.R.	WATER RESISTANT
		W.W.F.	WELDED WIRE FABRIC

REFERENCE SYMBOLS

	NORTH ARROW	TITLE	ROOM NUMBER
	EXTERIOR ELEVATION	(A)	GUESTROOM TYPE
	INTERIOR ELEVATION	(3)	TOILET ACCESSORIES EQUIPMENT NUMBER
	BUILDING SECTION	(28)	DOOR NUMBER
	WALL SECTION	(47)	CEILING FINISH / CEILING HEIGHT
	DETAIL REFERENCE	FIRST FLOOR	DATUM ELEVATION
	DRAWING TITLE	(A)	COLUMN LINE
	WINDOW TYPES		MATCH LINE
			REVISION / RESUE

MATERIALS

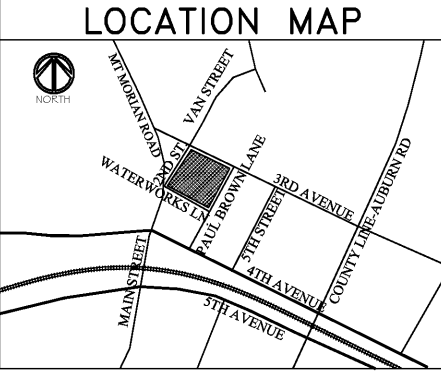
	BRICK		EARTH
	CONCRETE		GRAVEL
	CONCRETE MASONRY (C.M.U.)		METAL FERROUS STEEL
	METAL LATH & STUCCO		GYPSON BOARD SHOWN IN SECTION
	RIGID INSULATION		PLYWOOD
	BATT INSULATION		FINISH WOOD

DRAWING INDEX

COVER	PROJECT COVER SHEET
ARCHITECTURAL:	
A-0	SITE PLAN
A-1	FLOOR PLAN
A-2	REFLECTED CEILING PLAN
A-3	ROOF PLAN
A-4	ELEVATIONS
A-5	WALL SECTION & DETAILS
A-6	FINISHES & SPECIFICATIONS
A-7	FURNITURE PLAN
STRUCTURAL	
S-0	GENERAL NOTES
S-1	FOUNDATION PLAN
S-2	STEEL FRAMING PLAN
S-3	ROOF FRAMING PLAN
S-4	SECTIONS & DETAILS
S-5	SECTIONS & DETAILS

ELECTRICAL

E-1	NEW GROUND FLOOR POWER PLAN
E-2	NEW GROUND FLOOR LIGHTING PLAN
E-3	SYMBOL LEGEND, SCHEDULES, RISER & DETAILS



Order Plans

Owner:
PIEDMONT REGIONAL LIBRARY SYSTEM

Project:
AUBURN PUBLIC LIBRARY ADDITION & RENOVATION

24 5TH STREET
AUBURN, GA 30011

COVER PAGE

CONSTRUCTION DOCUMENTS

Job no.: 19009
date: 04/24/2020
by: TNN
app:
File name: APL- COVER
sheet no.:

COVER