



REQUEST FOR PROPOSAL



TITLE: **SCP AMPHITHEATER COVER CONSTRUCTION RFP**

RFP #: RFP-201 -001

RE-ISSUE: 11/27/16*

MANDATORY PRE-BID MEETING: BETWEEN 11-28-16 AND 12/9/16 AT NOON (details below)

BID OPENING: 12-28-16 AT 2:00PM

EXPECTED CONTRACT AWARD: 1-10-17

NEEDED PROJECT COMPLETION: 4-7-17

**This construction project RFP was originally issued with a bid opening date of November 22 and the town is reissuing it. Dates and other details have been adjusted from the original RFP. Please submit proposals based on this revised document.*

PRE-BID MEETING AND BID SUBMITTAL

A pre-bid meeting is required, but the town is offering flexibility to accommodate the schedules of prospective bidders. The pre-bid meeting period will be from November 28, 2016, until December 9, 2016, at noon. The prospective bidder should contact Town Manager Scott Whitaker during normal Summerfield Town Hall business hours to schedule the meeting. It will begin at the town hall, but move to the park to familiarize prospective bidders with the construction site. Failure to attend a pre-bid meeting by December 9 will disqualify prospective bidders. A project overview will be presented with time for questions and answers.

The RFP document and plans are available on the town website as of the date of this RFP posting. A copy of the materials will also be available at Summerfield Town Hall for review. Sealed proposals (one original and one copy of this document) for furnishing services outlined within this Request for Proposal (RFP) and subject to the conditions within this document will be received until 2:00pm (EST) Wednesday, December 28, 2016. The submittal can take any written form, provided that the outlined requirements are met and instructions are followed.

1. Proposals must be submitted directly to the Town of Summerfield (issuing agency) with the sealed proposal envelope or package addressed as follows:

If delivered by US Postal Service:

*Town of Summerfield
Town Manager Scott Whitaker
PO Box 970
Summerfield, NC 27358
Attn: SCP Amphitheater Cover Const. RFP*

If delivered by any other means:

*Town of Summerfield
Town Manager Scott Whitaker
4117 Oak Ridge Road
Summerfield, NC 27358
Attn: SCP Amphitheater Cover Const. RFP*

2. Direct all RFP and submittal inquiries concerning the RFP to Town Manager Scott Whitaker at 336-643-8655 (town hall), 336-520-7469 (cell), or swhitaker@summerfieldgov.com (e-mail).
3. It is the prospective bidder's responsibility to assure that all referenced and support materials have been reviewed. Addenda, if any, are posted at www.summerfieldgov.com under "Request for Proposals."



PROJECT INTRODUCTION AND BACKGROUND

This RFP is for the construction of an amphitheater cover for the existing stage area within Summerfield Community Park (5404 Centerfield Road, Summerfield, NC 27358). The park amphitheater was professionally-designed and constructed many years ago, has served its purpose well, but the lack of a stage covering has limited its use. The town currently holds five annual events in the area and tents are used as needed, but they are insufficient and a permanent, beautiful structure is desired to improve weather protection and allow better electrical hook-ups and permanent stage lighting.

An aerial view of the site is included within this RFP and prospective bidders will be able to directly assess the site, construction access, and amphitheater stage area during the required pre-bid meeting. The wedge-shaped stage is approximately 25'x40' and constructed of large pavers. From a design standpoint, the park has been constructed in different phases without a strong theme of consistent building materials. The new cover is designed to both fit the immediate surroundings and to establish a new basis for future materials used and aesthetics.

The Town of Summerfield does not own the park, but has long-term leases for the site and owns the constructed improvements, such as the amphitheater stage and the cover to be built. The park land covers two tracts – one owned by Guilford County and the other by Summerfield Community Center, Inc. While the broader construction area overlaps both tracts, the precise stage construction will be within the Summerfield Community Center, Inc.'s tract.

The town is seeking a reputable and proven vendor for turn-key construction of the cover. Construction quality and details are important and the expectation is for the contractor to work closely with the town during the process.

SCOPE OF WORK, including but not limited to the following:

- Vendor is responsible for complete, turn-key execution of the contract documents as indicated and specified per the attached architectural plans (Attachment A and 7 pages), which includes:
 - all general notes as specified on cover sheet;
 - floor/life safety plan and location overview;
 - elevations and roof plan;
 - foundation, roof framing, and section plan (structural design);
 - connection details (structural design); and,
 - electrical plan.
- Vendor shall coordinate and maintain a schedule set for successful completion of the project by Friday, April 7, 2017.
- Vendor will provide and maintain a secure work area at all times. (The park and site will have pedestrian traffic traversing the general area during daylight hours and the park is not fully secure at any time.) Site debris and materials during construction must be confined to a reasonable area as designated by the town's Parks and Recreation staff.
- Vendor will work with the town's Parks and Recreation staff regarding site access given the park hours, gates, logistics needed for heavy equipment, etc.
- Vendor shall verify all field measurements of actual site conditions so that all work fits properly in the locations indicated and specified.



- Vendor shall give all notices and comply with all applicable laws, ordinances, and rules and regulations bearing on the conduct of the work as drawn and specified. If the contractor observes the drawings and specifications are at a variance, he shall promptly notify the town's Contract Administrator.
- Vendor must provide the town with copies of any permits they obtain directly.
- Vendor shall warranty the project and all components for a minimum of one year.
- In the event that the vendor damages plants, shrubs, trees, grass, or park facilities, including but not limited to benches, fences, playground equipment, gates, buildings, electrical boxes, or septic and well control devices, the vendor will be responsible for all necessary repair or replacement of the damaged item(s).
- Vendor shall regrade and reseed any impacted areas to the satisfaction of the town, ensuring the area is returned to its pre-construction condition.
- Vendor shall remove all barricade materials and debris upon completion of the project.

ADDITIONAL INFORMATION

- One service agreement contract shall be awarded to the vendor through completion of all construction work.
- Minority businesses are encouraged to submit. If the service agreement contract is awarded to a minority business, "[a]ll data, including the type of project, total dollar value of the project, dollar value of minority business participation on each project, and documentation of efforts to recruit minority participation shall be reported to the Department of Administration, Office for Historically Underutilized Business, upon the completion of the project" per G.S. 143-131(b).
- The town manager or his designee shall be the Contract Administrator.
- No subcontracting is allowed unless pre-approved in writing by the town.
- Prior to awarding the service agreement contract, the town may site visit at least one project constructed by the bidder to visually assess construction quality.
- Additional work may be requested on an as-needed basis and based on separate vendor pricing to the town, although no additional work is required in order to satisfy the service agreement.

REQUIREMENTS TO BID

- Bidder must provide three professional references that can attest to its company's professional service. Each must be listed within the submitted proposal as "References" with the following:
 - name, location, brief description of the project;
 - photographs of the design;
 - contact person, telephone number, nature of relationship; and,
 - final construction cost of the project.
- Bidder must agree by signing the "RFP Vendor Form" that it will comply with all local, state, and federal laws regarding the legal status of all employees.
- Bidder must agree by signing the "RFP Vendor Form" that it will comply with all local, state, and federal laws regarding the legal status of their business (proper filing, payment of taxes, business location, etc.).



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- An authorized representative of the company must fully complete the “RFP Vendor Form.” By doing so, the bidder acknowledges understanding of the conditions set forth in this RFP and agrees to them with no exceptions. If exceptions exist, they must be clearly listed on a separate numbered sheet.

REQUIREMENTS FOLLOWING AWARD OF SERVICE AGREEMENT CONTRACT

- Vendor must have a current \$1,000,000 general liability insurance policy naming the Town of Summerfield as an additional insured party.
- If applicable, awarded vendor will provide a current Workman’s Compensation insurance policy, naming the Town of Summerfield as an additional insured party.
- Vendor must provide the following: Certificate of Insurance, W-9, and E-Verify forms. If you do not have worker’s compensation insurance, you must complete an Independent Contractor Agreement and Independent Contractor vs. Employee Checklist.
- Vendor must provide a Sales Tax Certification form upon invoice submission.

RFP VENDOR FORM (Must be completed and submitted with proposal for consideration.)

In compliance with this RFP and subject to all outlined conditions, the undersigned offers and agrees to perform the scoped work if its proposal is accepted within 90 days of the bid opening.

Vendor name _____

Address _____ City _____ State _____ Zip _____

Phone _____ Cell _____ E-mail _____

Federal Employee Identification Number _____

Principal place of business (if different) _____

(Typed or printed name)

(Signature)

(Date)



REQUEST FOR PROPOSAL



THE PROCUREMENT PROCESS

The following is a general description of the process by which a vendor will be selected:

1. Request for Proposals (RFP) is issued to prospective vendors.
2. **One original and one copy of this completed document** must be received from each vendor in a sealed envelope or package. Each original shall be signed and dated by an official authorized to bind the firm. Unsigned proposals will not be considered.
3. All proposals must be received by the issuing agency not later than the date and time specified on the cover sheet of this RFP.
4. At that date and time, the package containing the proposals from each responding firm will be opened publicly and the name of the vendor and cost(s) offered will be announced. Interested parties are cautioned that these costs and their components are subject to further evaluation for completeness and correctness and therefore may not be an exact indicator of a vendor's pricing position.
5. At their option, the evaluators may request oral presentations or discussion with any or all vendors for the purpose of clarification regarding materials presented in any part of the proposal; however, vendors are cautioned that the evaluators are not required to request clarification; therefore, all proposals should be complete and reflect the most favorable terms available from the vendor.
6. Proposals will be evaluated according to completeness, content, and experience with similar projects, ability of the vendor and its staff, and cost. Award of a contract to one vendor does not mean that the other proposals lacked merit, but that all factors considered, the selected proposal was deemed most advantageous to the Town.
7. Vendors are cautioned that this is a request for offers, not a request to contract, and the Town reserves the unqualified right to reject any and all offers when such rejection is deemed to be in the best interest of the Town.

GENERAL INFORMATION ON SUBMITTING PROPOSALS

1. **EXCEPTIONS:** All proposals are subject to the terms and conditions outlined herein. All responses shall be controlled by such terms and conditions and the submission of other terms and conditions, price lists, catalogs, and/or other documents as part of a vendor's response will be waived and have no effect either on this Request for Proposals or on any contract that may be awarded resulting from this solicitation. Vendor specifically agrees to the conditions set forth in the above paragraph by signature to the proposal.
2. **COMPETITIVE OFFER:** Pursuant to the provision of G.S. 143-54, and under penalty of perjury, the signer of any proposal submitted in response to this RFP thereby certifies that this proposal has not been arrived at collusively or otherwise in violation of either Federal or North Carolina antitrust laws.
3. **ORAL EXPLANATIONS:** The Town shall not be bound by oral explanations or instructions given at any time during the competitive process or after award.
4. **REFERENCE TO OTHER DATA:** Only information that is received in response to this RFP will be evaluated; reference to information previously submitted shall not be evaluated.
5. **ELABORATE PROPOSALS:** Elaborate proposals in the form of brochures or other presentations beyond that necessary to present a complete and effective proposal are not desired.
6. **COST FOR PROPOSAL PREPARATION:** Any costs incurred by vendors in preparing or submitting offers are the vendors' sole responsibility; the Town will not reimburse any vendor for any costs incurred prior to award.
7. **TIME FOR ACCEPTANCE:** Each proposal shall state that it is a firm offer that may be accepted within a period of 90 days. Although the contract is expected to be awarded prior to that time, the 90-day period is requested to allow for unforeseen delays.



8. **TITLES:** Titles and headings in this RFP and any subsequent contract are for convenience only and shall have no binding force or effect.
9. **CONFIDENTIALITY OF PROPOSALS:** In submitting its proposal, the vendor agrees not to discuss or otherwise reveal the contents of the proposal to any source outside of the using or issuing agency, government or private, until after the award of the contract. Vendors not in compliance with this provision may be disqualified, at the option of the Town, from contract award. Only discussions authorized by the issuing agency are exempt from this provision.
10. **RIGHT TO SUBMITTED MATERIAL:** All responses, inquiries, or correspondence relating to or in reference to the RFP, and all other reports, charts, displays, schedules, exhibits, and other documentation submitted by vendors shall become the property of the Town when received.
11. **VENDOR'S REPRESENTATIVE:** Each vendor shall submit with its proposal the name, address, and telephone number of the person(s) with authority to bind the firm and answer questions or provide clarification concerning the firm's proposal.
12. **SUBCONTRACTING:** Vendors may propose to subcontract portions of the work provided that their proposals clearly indicate what work they plan to subcontract and to whom and that all information required about the prime contractor is also included for each proposed subcontractor.
13. **PROPRIETARY INFORMATION:** Trade secrets or similar proprietary data which the vendor does not wish disclosed other than personnel involved in the evaluation or contract administration will be kept confidential to the extent permitted by NCAC T01:05B.1501 and G.S. 132-1.3 if identified as follows: Each page shall be identified in boldface at the top and bottom as "CONFIDENTIAL." Any section of the proposal that is to remain confidential shall also be so marked in boldface on the title page of that section. Cost information may not be deemed confidential. In spite of what is labeled as confidential, the determination as to whether or not it is shall be determined by North Carolina law.
14. **HISTORICALLY UNDERUTILIZED BUSINESSES:** Pursuant to General Statute 143-48 and Executive Order #150, the Town invites and encourages participation in this procurement process by businesses owned by minorities, women, disabled, disabled business enterprises and non-profit work centers for the blind and severely disabled.
15. **RECIPROCAL PREFERENCE:** G.S. 143-59 establishes a reciprocal preference law to discourage other states from applying in state preferences against North Carolina's resident vendors. The "Principal Place of Business" is defined as the principal place from which the trade or business of the vendor is directed or managed.

The following 7 pages comprise this contract's

ATTACHMENT A

NEW CONSTRUCTION FOR: SUMMERFIELD COMMUNITY PARK AMPHITHEATER ROOF COVER

5404 CENTERFIELD ROAD
SUMMERFIELD, NORTH CAROLINA 27358

NEW CONSTRUCTION FOR:
Summerfield Community Park Amphitheater Cover
5404 Centerfield Road,
Summerfield, NC 27358

COVER SHEET

MATTHEW O'BRIEN, ARCHITECT
143 NORTH MAIN STREET
KERNERSVILLE, NORTH CAROLINA 27284
TELEPHONE: 336.423.4411



DRAWN BY: AIV
CHECKED BY: MGO
COMM. NO.:
DATE: 06-16-2016
REVISIONS:

SHEET NO.
COVER

DRAWING INDEX:

CVR	COVER SHEET
APX B	APPENDIX B
A.1	FLOOR / LIFE SAFETY PLAN AND LOCATION OVERVIEW
A.2	ELEVATIONS AND ROOF PLAN
S1	FOUNDATION/ROOF PLAN, SECTION AND NOTES
S2	DETAILS
E.1	ELECTRICAL PLAN

GENERAL NOTES:

- CONTRACTOR SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF OMISSION OF NECESSARY DIMENSIONS, THE CONTRACTOR SHALL NOTIFY ARCHITECT OR OWNER'S REPRESENTATIVE.
- EACH CONTRACTOR OR SUBCONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, AND LICENSES REQUIRED FOR PROPER EXECUTION.
- EACH CONTRACTOR OR SUBCONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF ALL APPLICABLE LAWS AND ORDER OF PUBLIC OFFICIALS WITH JURISDICTION FOR SAFETY OF PERSONS/PROPERTY
- VERIFY WITH THE MANUFACTURER/SUPPLIER THE SIZE, LOCATION AND CHARACTERISTICS OF ALL WORK AND EQUIPMENT THAT IS TO BE FURNISHED BY THE OWNER OR OTHER CONTRACTORS PRIOR TO ANY CONSTRUCTION PERTAINING TO THE SAME IS BEGUN.
- KEEP DRIVEWAYS AND ENTRANCES CLEAR AT ALL TIMES. EACH SUBCONTRACTOR SHALL REMOVE RUBBISH AT THE COMPLETION OF HIS WORK. PROMPTLY REPAIR ANY DAMAGE DONE TO ADJACENT PROPERTY/TENANT SPACES AT NO COST TO OWNER.
- GENERAL CONTRACTOR AND ALL SUBCONTRACTORS TO VISIT THE SITE AND VERIFY ALL SITE CONDITIONS PERTAINING TO THIS PROJECT PRIOR TO SUBMISSION OF BIDS. ANY DISCREPANCIES FOUND DURING SITE INVESTIGATION TO BE REPORTED TO OWNER'S REP IN WRITING PRIOR TO BID SUBMISSION.
- CONTRACTOR TO COMPLY WITH ALL LANDLORD'S AND OWNER'S RULES AND REGULATIONS REGARDING CONSTRUCTION WITHIN THE BUILDING.
- ALL INSTALLATIONS AND ALL CONNECTIONS TO EXISTING BUILDING MECHANICAL SYSTEMS SHALL BE COORDINATED WITH THE LANDLORD'S REPRESENTATIVE.
- ALL WORK SHALL BE DONE BY LICENSED CONTRACTORS AND IN CONFORMANCE WITH ALL NATIONAL, STATE, COUNTY, AND LOCAL CODES. ANY VARIANCE/NON-COMPLIANCE WITH LOCAL CODE TO BE REPORTED TO PROJECT MANAGER IN WRITING PRIOR TO BIDS.
- G.C. TO ENSURE THAT A COMPLETE OF CONSTRUCTION DOCUMENTS IS GIVEN TO ALL SUBCONTRACTORS PRIOR TO BID SUBMISSION.
- G.C. TO COORDINATE LAYOUT, ROUTING, AND INSTALLATION OF ALL NEW MECHANICAL, ELECTRICAL, FIRE PROTECTION, AND PLUMBING WORK WITH EXISTING MEP/FP SYSTEMS, AND WITH EXISTING STRUCTURE TO REMAIN. REPORT ALL DISCREPANCIES TO OWNER'S REP IN WRITING PRIOR TO SUBMITTING BID PACKAGE.
- ALL EXISTING CONDITIONS, STRUCTURAL AND MECHANICAL CONNECTIONS TO ALL EXISTING BUILDING SERVICES MUST BE FIELD VERIFIED PRIOR TO SUBMISSION OF BIDS. ANY DISCREPANCIES SHALL BE REFLECTED AND NO ADJUSTMENT TO BID PRICE SHALL BE MADE AFTER BID SUBMISSION. SUBMISSION OF BID SHALL BE UNDERSTOOD AND CONSTRUED AS CONTRACTOR AS CONTRACTOR HAVING VERIFIED ALL EXISTING CONDITIONS WHETHER OR NOT SHOWN ON DRAWINGS AND HAVING TAKEN INTO ACCOUNT ANY ADJUSTMENT NECESSARY TO FULFILL THE DESIGN INTENT IN FULL AND COMPLETELY.
- LOCATION, TYPE AND SIZE OF PORTABLE FIRE EXTINGUISHERS TO BE DETERMINED BY THE FIRE MARSHALL. FIRE EXTINGUISHERS TO BE PROVIDED BY THE G.C.
- G.C. TO ENSURE THAT EXISTING STRUCTURE IS NOT ALTERED OR DAMAGED WITH EXCEPTION OF MODIFICATIONS SHOWN ON DRAWINGS
- ALL WOOD BLOCKING TO BE FIRE RETARDANT TREATED

ABBREVIATIONS:

A.C.T	ACOUSTICAL CEILING TILE	MAX.	MAXIMUM
A/C/O	ARCHED CASPED OPENING	MECH.	MECHANICAL
A.F.F	ABOVE FINISH FLOOR	MEZZ.	MEZZANINE
ALUM.	ALUMINUM	MFR.	MANUFACTURER
ANOD.	ANODIZED	MIN.	MINIMUM
A/W/O	ARCHED WINDOW OPENING (NO GLAZING)	M.O.	MASONRY OPENING
A/G/O	ARCHED WINDOW OPENING (WITH GLAZING)	M.R.	MOISTURE RESISTANT
BD.	BOARD	MSRY.	MASONRY
BOT.	BOTTOM OF	MTL.	METAL
BLDG.	BUILDING	N.I.C.	NOT IN CONTRACT
BLK.	BLOCKING	NO.	NUMBER
BRG.	BEARING	N.T.S.	NOT TO SCALE
CABT.	CABINET	O.C.	ON CENTER
CLR.	CLEAR	O.H.D.	OVERHEAD DOOR
C.F.A.	CLEAR FLOOR AREA	OPNG	OPENING
C.J.	CONTROL JOINT	P.C.	PRE CAST
CLG.	CEILING	PLAS.	PLASTIC
C.M.U	CONCRETE MASONRY UNIT	PLBG.	PLUMBING
C/O	CASED OPENING	PRE-FAB	PRE-FRABRICATED
COL.	COLUMN	P(TD.)	PAINT(ED)
CONT.	CONTINUOUS	PSF.	POUNDS PER SQUARE FOOT
CONC.	CONCRETE	PSI.	POUNDS PER SQUARE INCH
CONST.	CONSTRUCTION	R.	RADIUS
CPT.	CARPET	RD.	ROOF DRAIN
CT.	CERAMIC TILE	REINF.	REINFORCEMENT
DIAM.	DIAMETER	REQD	REQUIRED
DN.	DOWN	RM.	ROOM
DS.	DOWN SPOUT	RO.	ROUGH OPENING
DTL.	DETAIL	R.U.D.	ROLL-UP DOOR
DWG	DRAWING	S.C.	SOLID CORE
EA.	EACH	SHT.	SHEET
E.I.F.S.	EXTERIOR INSULATION + FINISH SYSTEM	SIM.	SIMILAR
ELEC.	ELECTRIC(AL)	SPEC.	SPECIFICATION(S)
ELEV.	ELEVATION	S.S.	STAINLESS STEEL
E.T.R.	EXISTING TO REMAIN	STL.	STEEL
EQ.	EQUAL	STRUCT.	STRUCTURE(AL)
EQUIP.	EQUIPMENT	SQ. FT.	SQAURE FEET
EXIST.	EXISTING	T/	TOP OF
F.D.	FLOOR DRAIN	THK.	THICK
F.F.E.	FINISHED FLOOR ELEVATION	T.O.M.	TOP OF MASONRY
FLR.	FLOOR	T.O.S.	TOP OF STEEL
F.R.P	FIBERGLASS REINFORCECED PANELS	T.O.W.	TOP OF WALL
F.R.T.	FIRE RETARDANT TREATMENT	TYP.	TYPICAL
GAL.	GALVANIZED	U.N.O	UNLESS NOTED OTHERWISE
G.C.	GENERAL CONTRACTOR	V.C.B.	VINYL COVER BASE
GL.	GLASS	V.C.T.	VINYL COMPOSITION TILE
G.W.B.	GYPSON WALL BOARD	VERT.	VERTICAL
GYP.	GYPSON	V.I.F.	VERIFY IN FIELD
		V.W.C.	VINYL WALL COVERING
HDW.	HARDWARE	W/	WITH
HM.	HOLLOW METAL	W.C.	WATER CLOSET
HOL.	HOLLOW	WD.	WOOD
HORZ.	HORIZONTAL	W/O	WINDOW OPENING
HR.	HOUR	WT.	WEIGHT
HT.	HEIGHT		
HVAC	HEATING/VENTILATION/AIR CONDITIONING		
I.C.P.	INSULATED CEILING PANEL(S)		
INFO.	INFORMATION		
INSUL.	INSULATED		
INT.	INTERIOR		
I.W.P.	INSULATED WALL PANEL(S)		
LAM.	LAMINATED		
LT.	LIGHT		

SYMBOLS:

	PARTITION TYPE
	REVISION NUMBER
	EQUIPMENT/FURNITURE NUMBER
	WINDOW TAG
	DOOR NUMBER
	KEYED NOTE
	DETAIL NUMBER SHEET NUMBER, TYP
	SECTION NUMBER SHEET NUMBER, TYP
	ROOM NAME & NUMBER
	SPOT ELEVATION
	COLUMN LINE
	EMERGENCY EXIT

2012 APPENDIX B: BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)

OCCUPANT LOAD & EXIT WIDTH - N/A OPEN STRUCTURE

Name of Project: SCP Amphitheater Roof Cover
 Address: 5404 Centerfield Road, Summerfield, NC
 Proposed Use: A-5 ASSEMBLY
 Owner or Authorized Agent: Mr. Scott Whitaker Phone # 336.643.8655
 Owned By: City/County State County E-Mail: swhitaker@summerfieldgov.com
 Code Enforcement Jurisdiction: City County Gullford

LEAD DESIGN PROFESSIONAL:	FIRM	NAME	LICENSE #	TELEPHONE #	E-Mail
DESIGNER	O'BRIEN: Architecture	Matthew O'Brien	10509	336.423.4411	obrien@obaiia.com
Architectural	Graham + Associates	Scott J. Graham	033738	704.402.4588	grahamengineering@gmail.com
Civil					
Electrical					
Fire Alarm					
Plumbing					
Mechanical					
Sprinkler-Standpipe					
Structural	Ace Solutions, INC.	Kevin Adams	17224	336.993.5114	adamsace@aol.com
Retaining Wall >5' High					
Other					

2012 EDITION OF NC CODE FOR: New Construction Addition Upfit
 EXISTING: Reconstruction Alteration Repair Renovation
 CONSTRUCTED (date) _____ ORIGINAL USE(S) _____ CURRENT USE(S) _____
 RENOVATED (date) _____ PROPOSED USE(S) _____

BASIC BUILDING DATA
 Construction Type: I-A II-A III-A IV V-A
 I-B II-B III-B V-B
 Mixed Construction: No Yes Types: _____
 NFPA 13R NFPA 13D
 Standpipes: No Yes Class I II III Wet Dry
 Fire District: No Yes (Primary) Flood Hazard Area No Yes
 Building Height (feet): ±17'-0" Number Of Stories: 1
 Mezzanine: No Yes
 Gross Building Area:
 FLOOR EXISTING (SQ FT) NEW (SQ FT) SUB-TOTAL (SQ FT)
 1st Floor 0 1,211 1,211
 TOTAL GROSS AREA: 1,211 sq. ft.

ALLOWABLE AREA
 Primary Occupancy: Assembly A-1 A-2 A-3 A-4 A-5
 Business Educational Factory F-1 Moderate F-2 Low
 Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM
 Institutional I-1 I-2 I-3 I-4
 I-3 Use Condition 1 2 3 4 5
 Mercantile R-1 R-2 R-3 R-4
 Storage S-1 Moderate S-2 Low High-piled
 Utility and Miscellaneous Parking Garage Open Enclosed Repair Garage
 Accessory Occupancies: Assembly A-1 A-2 A-3 A-4 A-5
 Business Educational Factory F-1 Moderate F-2 Low
 Hazardous H-1 Detonate H-2 Deflagrate H-3 Combust H-4 Health H-5 HPM
 Institutional I-1 I-2 I-3 I-4
 Mercantile R-1 R-2 R-3 R-4
 Storage S-1 Moderate S-2 Low High-piled
 Utility and Miscellaneous Parking Garage Open Enclosed Repair Garage
 Special Uses: 402 403 404 405 406 407 408 409 410 411 412 413 414
 415 416 417 418 419 420 421 422 423 424 425 426 427
 Special Provisions: 509.2 509.3 509.4 509.5 509.6 509.7 509.8 509.9
 Mixed Occupancy: No Yes Separation: _____ Hr. Exception: _____

Incidental Use Separation (508.2.5)
 This separation is not exempt as a Non-Separated Use (see exceptions).
 Non-Separated Use (508.3)
 The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.
 Separated Use (508.4) - See below for area calculations.
 For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.
 Actual Area of Occupancy A + Actual Area of Occupancy B
 Allowable Area of Occupancy A + Allowable Area of Occupancy B

STORY NO.	DESCRIPTION AND USE	(A) BLDG. AREA PER STORY (ACTUAL)	(B) TABLE 503.5 AREA	(C) AREA FOR FRONTAGE INCREASE 1	(D) AREA FOR SPRINKLER INCREASE 2	(E) ALLOWABLE AREA OR UNLIMITED	(F) MAXIMUM BUILDING AREA 4
1	A-5 ASSEMBLY	1,211	UL	NONE TAKEN	N/A	UL	UL

- Frontage area increases from Section 506.2 are computed thus:
 - Perimeter which fronts a public way or open space having 20 feet minimum width = _____ (F)
 - Total Building Perimeter = _____ (P)
 - Ratio (F/P) = _____ (F/P)
 - W = Minimum Width of public way = _____ (W)
 - Percent of frontage increase I = 100 (F/P-0.25) x W/30 = _____ (%)
- The sprinkler increase per Section 506.3 is as follows:
 - Multi-story building I_s = 200%
 - Single story building I_s = 300%
- Unlimited area applicable under conditions of Section 507.
- Maximum Building Area = total number of stories in the building x E (506.4).
- The maximum area of open parking garages must comply with 406.3.5. The maximum area of air traffic control towers must comply with 412.1.2

ALLOWABLE HEIGHT

	ALLOWABLE (TABLE 503)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
Type of Construction	Type: V-B		Type: V-B	
Building Height in Feet	40'-0"	Feet = H + 20' = _____	17'-0"	
Building Height in Stories	UL	Stories + 1 = _____	1	

FIRE PROTECTION REQUIREMENTS

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING		DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PEN.	DESIGN # FOR RATED JOINTS
		REQD	PROVIDED (w/REDUCTION)				
Structural frame, including columns, girders, trusses	-	0	0	-	-	-	-
Bearing Walls							
Exterior							
North	N/A	-	-	-	-	-	-
East	N/A	-	-	-	-	-	-
West	N/A	-	-	-	-	-	-
South	N/A	-	-	-	-	-	-
Interior	N/A	-	-	-	-	-	-
Nonbearing walls and partitions							
Exterior							
North	N/A	-	-	-	-	-	-
East	N/A	-	-	-	-	-	-
West	N/A	-	-	-	-	-	-
South	N/A	-	-	-	-	-	-
Interior walls and partitions	-	-	-	-	-	-	-
Floor construction including supporting beams and joist	0	0	0	-	-	-	-
Roof construction including supporting beams and joist	0	0	0	-	-	-	-
Shafts Enclosures - Exit	-	N/A	-	-	-	-	-
Shafts Enclosures - Other	-	N/A	-	-	-	-	-
Corridor Separation	-	N/A	-	-	-	-	-
Occupancy Separation	-	N/A	-	-	-	-	-
Party/Fire Wall Separation	-	N/A	-	-	-	-	-
Smoke Barrier Separation	-	N/A	-	-	-	-	-
Tenant Separation	-	N/A	-	-	-	-	-
Incidental Use Separation	-	N/A	-	-	-	-	-

LIFE SAFETY SYSTEM REQUIREMENTS
 Emergency Lighting (S1006): No Yes Partial
 Exit Signs (S1011): No Yes Partial
 Fire Alarm (S907, NFPA 72-07): No Yes
 Smoke Detection Systems (S907): No Yes Partial
 Panic Hardware (S1008.1.10): No Yes
 Life Safety Systems Generator (S2702.2): No Yes

LIFE SAFETY PLAN REQUIREMENTS
 Life Safety Plan Sheet #: A.1
 Fire and/or smoke rated wall locations (Chapter 7)
 Assumed and real property line locations
 Exterior wall opening area with respect to distance to assumed property lines (705.8)
 Existing structures within 30' of the proposed building
 Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.1)
 Occupant loads for each area
 Exit access travel distances (1016)
 Common path of travel distances (1014.3 & 1028.8)
 Dead end lengths (1018.4)
 Clear exit widths for each exit door
 Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.1)
 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 (1008.1.10)
 Location of doors with delayed egress locks and the amount of delay (1008.1.9.7)
 Location of doors with electromagnetic egress locks (1008.1.9.8)
 Location of doors equipped with hold-open devices
 Location of emergency escape windows (1029)
 The square footage of each fire area (902)
 The square footage of each smoke compartment (407.4)
 Note any code exceptions or table notes that may have been utilized regarding the items above

**EXIT REQUIREMENTS
NUMBER AND ARRANGEMENT OF EXITS**

FLOOR, ROOM OR SPACE DESIGNATION	MINIMUM NUMBER OF EXITS		TRAVEL DISTANCE		ARRANGEMENT MEANS OF EGRESS 3 (SECTION 1015.2)	
	REQD	SHOWN ON PLANS	ALLOWABLE TRAVEL DISTANCE (TABLE 1016.1)(ft)	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS (ft)	REQUIRED DIST. BETWEEN EXIT DOORS (ft)	ACTUAL DIST. SHOWN ON PLANS (ft)
A-5 ASSEMBLY	1	1	200	32'-3"	N/A	N/A

1. Corridor dead ends (SECTION 1018.4)
 2. Buildings with single exits (TABLE 1012.2). Spaces with one means of egress (TABLE 1015.1)
 3. Common Path of Travel (SECTION 1015.3)

USE GROUP OR SPACE DESCRIPTION 7	(a)		(b)		(c)		EXIT WIDTH (m) ^{2,3,4,5,6}			
	AREA ¹ sq. ft.	AREA ¹ PER OCCUPANT (TABLE 1004.1.2)	CALCULATED OCCUPANT LOAD (a/b)	EGRESS WIDTH PER OCCUPANT (TABLE 1005.1)		REQD WIDTH (SECTION 1005.1) (a/b) x c		ACTUAL WIDTH SHOWN ON PLANS		
				STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL	
A-5 ASSEMBLY	1,211	15 NET	81	0.3	0.2	24.3	16.2	47'	OPEN	

- See Table 1004.1.1 to determine whether net or gross area is applicable. See definition "Area, Gross" and "Area Net" (Section 1002)
- Minimum stairway width (Section 1009.1); min. corridor width (Section 1018.2); min. door width (Section 1008.1.1)
- Minimum width of exit passageway (Section 1023.2)
- See Section 1004.5 for converging exits.
- The loss of one means of egress shall not reduce the available capacity to less than 50 percent of the total required (Section 1005.1).
- Assembly Occupancies (Section 1028)
- Spaces within occupancies or use groups shall be calculated independently. (Ex. Lobbies, lounges, break rooms, conference rooms.)

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
NA							

ACCESSIBLE PARKING (SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES		# OF ACCESSIBLE SPACES PROVIDED			TOTAL # ACCESSIBLE PROVIDED
	REQUIRED	PROVIDED	REGULAR WITH 5' ACCESS AISLE	13' ACCESS AISLE	9' ACCESS AISLE	
A	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-

STRUCTURAL DESIGN - SEE STRUCTURAL PLANS

DESIGN LOADS:
 Importance Factors: Wind (lw): _____
 Snow (ls): _____
 Seismic (le): _____
 Live Loads: Roof: _____ psf
 Mezzanine: _____ psf
 Floor: _____ psf
 Snow Load: _____ psf
 Wind Load: Basic Wind Speed _____ mph
 ASCE-7- _____
 Exposure Category _____
 Wind Base Shears (for MWFRS)
 V_x = _____ k
 V_y = _____ k
SEISMIC DESIGN CATEGORY A
 Compliance with Section 1616.4 only? No Yes
SEISMIC DESIGN CATEGORY B, C, D
 Provide the following Seismic Design Parameters:
 Seismic Use Group _____
 S_s _____
 S₁ _____
 SITE CLASSIFICATION _____

Basic structural system:
 Bearing wall Dual w/Special Moment Frame
 Building frame Dual w/ Intermediate R/C or Special Steel
 Moment Frame Inverted Pendulum
Seismic base shear: V_x = _____ k
 V_y = _____ k
Analysis Procedure: Simplified Equivalent Lateral Force Modal
Architectural, Mechanical, Components anchored?
 N/A No Yes
LATERAL DESIGN CONTROL:
 Earthquake Wind
SOIL BEARING CAPACITIES:
 Soil Test (provide copy of test report) _____ psf
 Presumptive Bearing Capacity _____ psf
 Pile size, type, and capacity _____

PLUMBING FIXTURE REQUIREMENTS - N/A EXISTING PLUMBING FIXTURES W/ IN 500' (TABLE 2902.1)

USE	WATERCLOSETS		URINALS	LAVATORIES		SHOWERS / TUBS	DRINKING FOUNTAINS	
	MALE	FEMALE		MALE	FEMALE		REGULAR	ACCESSIBLE
SPACE								
EXISTING	-	-	-	-	-	-	-	-
NEW	-	-	-	-	-	-	-	-
REQUIRED	-	-	-	-	-	-	-	-

ENERGY REQUIREMENTS PER SEC. 101 VOLUME X - N/A OPEN STRUCTURE, ROOF COVER ONLY
ELECTRICAL SYSTEM AND EQUIPMENT METHOD OF COMPLIANCE-SEE ELECTRICAL DRAWING
MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT METHOD OF COMPLIANCE-N/A ROOF COVER ONLY

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, ICC, etc., describe below)

NEW CONSTRUCTION FOR:
 Summerfield Community Park Amphitheater Cover
 5404 Centerfield Road,
 Summerfield, NC 27358

APPENDIX B

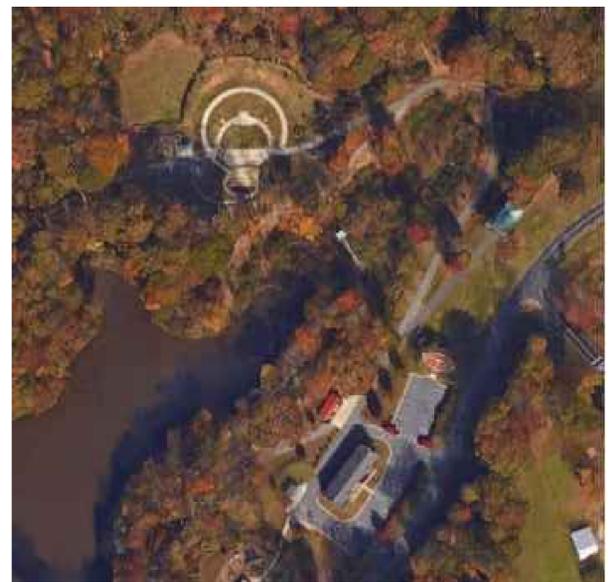
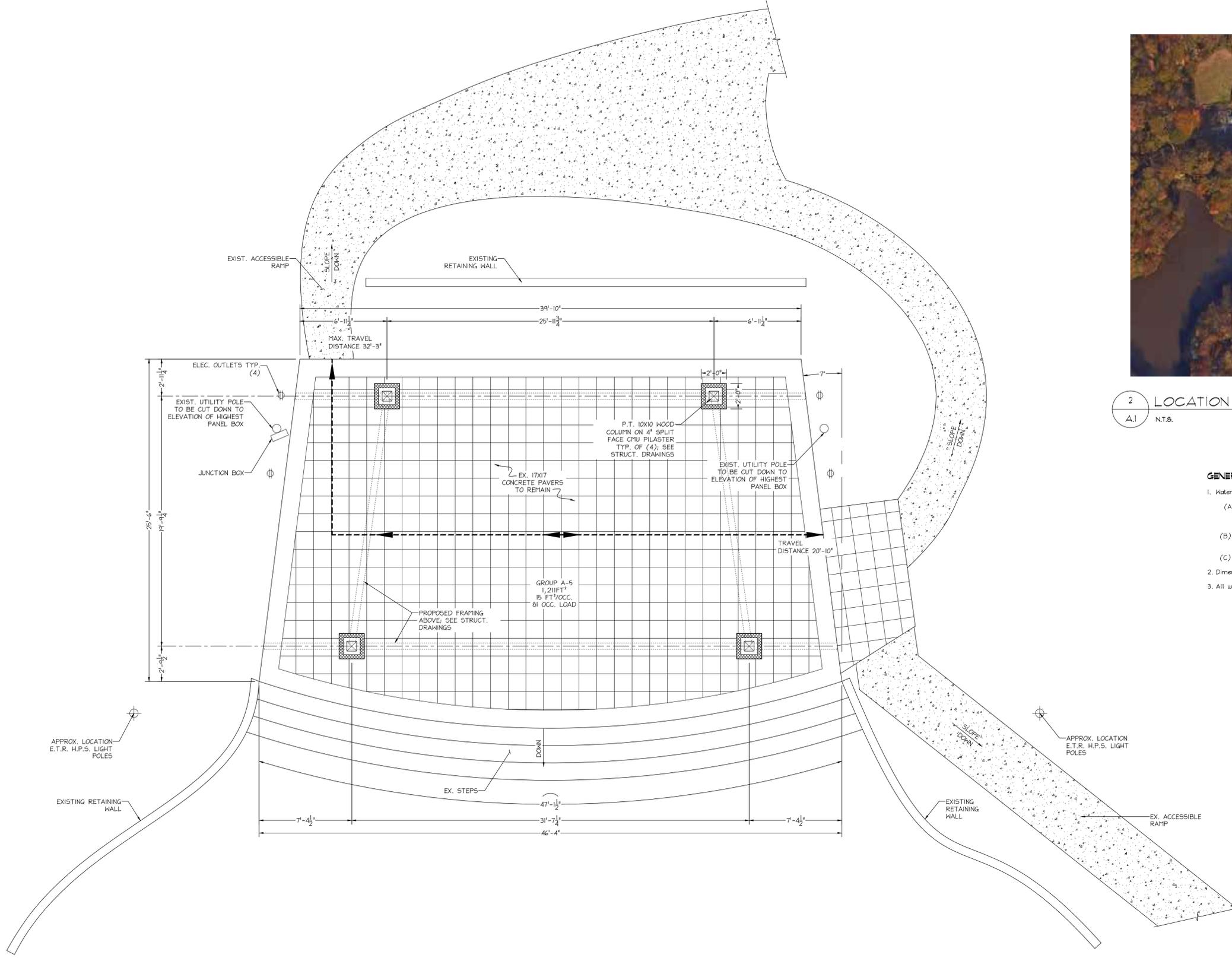
CONTENTS

MATTHEW O'BRIEN, ARCHITECT
 143 NORTH MAIN STREET
 KERNERSVILLE, NORTH CAROLINA 27284
 TELEPHONE: 336-423-4411



DRAWN BY: AIV
 CHECKED BY: MGO
 COMM. NO.:
 DATE: 06-16-2016
 REVISIONS: 10-18-2016

SHEET NO.
APX-B



2 LOCATION OVERVIEW
A.1 N.T.S.

- GENERAL NOTES**
- Water and moisture protection:
 - (A) All building exterior surface penetrations with potential exposure to weather shall be flashed and/or caulked as per code and/or industry-recognized proper construction techniques.
 - (B) All flashing shall be turned out at lower edge to direct water out of structure.
 - (C) All flashing shall be copper, aluminum or PVC unless noted otherwise.
 - Dimensions are approximate and shall be field verified.
 - All work to comply with the 2012 NC Building Code.

1 FLOOR / LIFE SAFETY PLAN
A.1 1/4"=1'-0"

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Summerfield, NC 27358

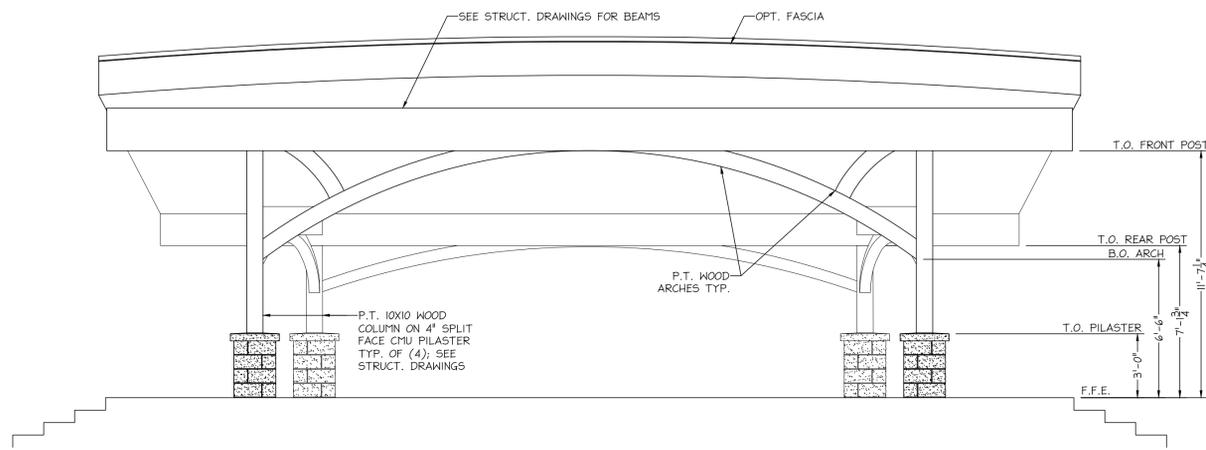
CONTENTS:
FLOOR / LIFE SAFETY
PLAN AND LOCATION
OVERVIEW

MATTHEW O'BRIEN, ARCHITECT
143 NORTH MAIN STREET
KERNERSVILLE, NORTH CAROLINA 27284
TELEPHONE: 336-423-4411

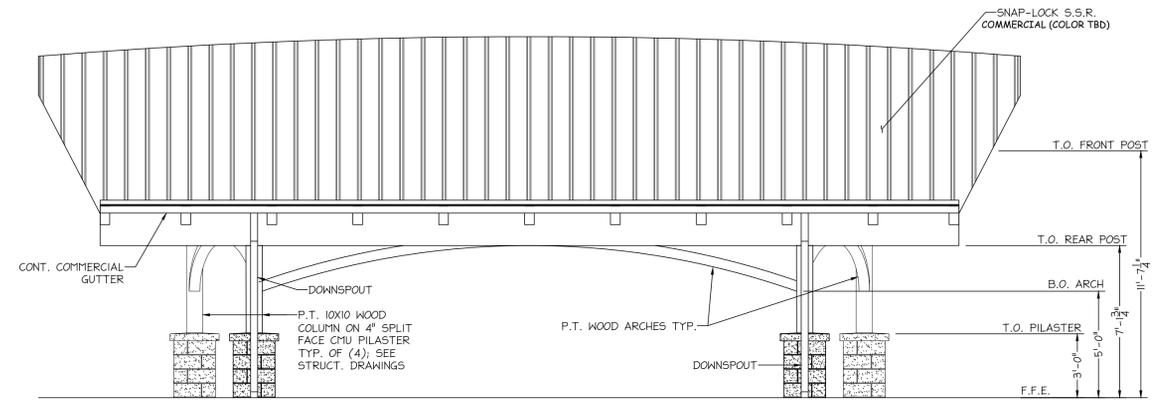


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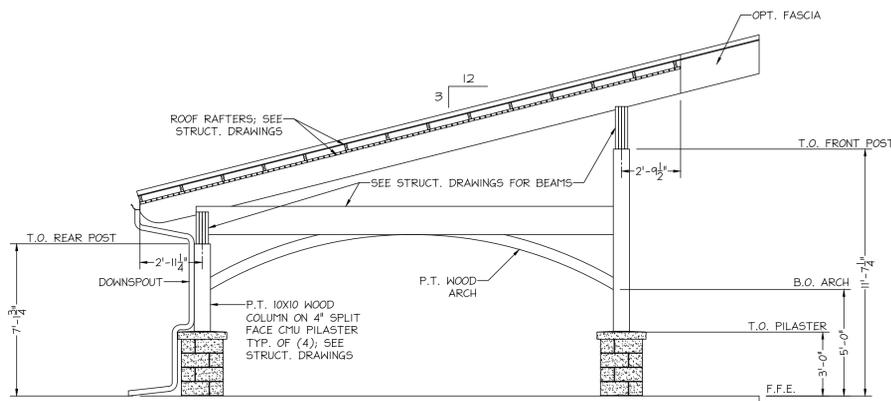
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A.1



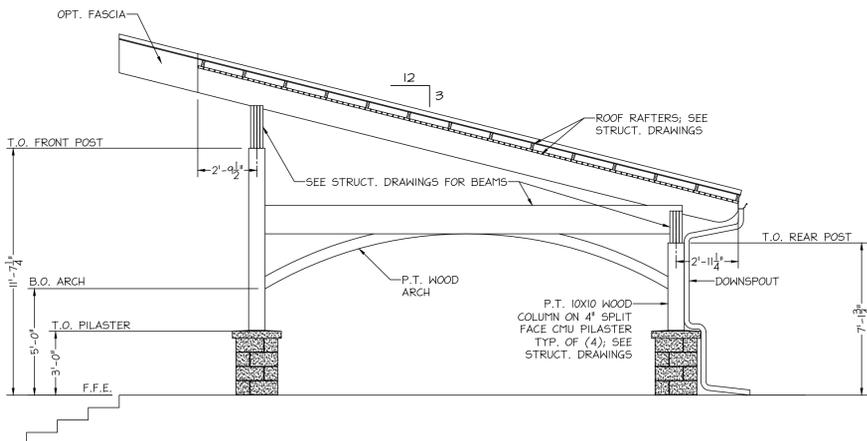
1 FRONT ELEVATION
A.2 1/4"=1'-0"



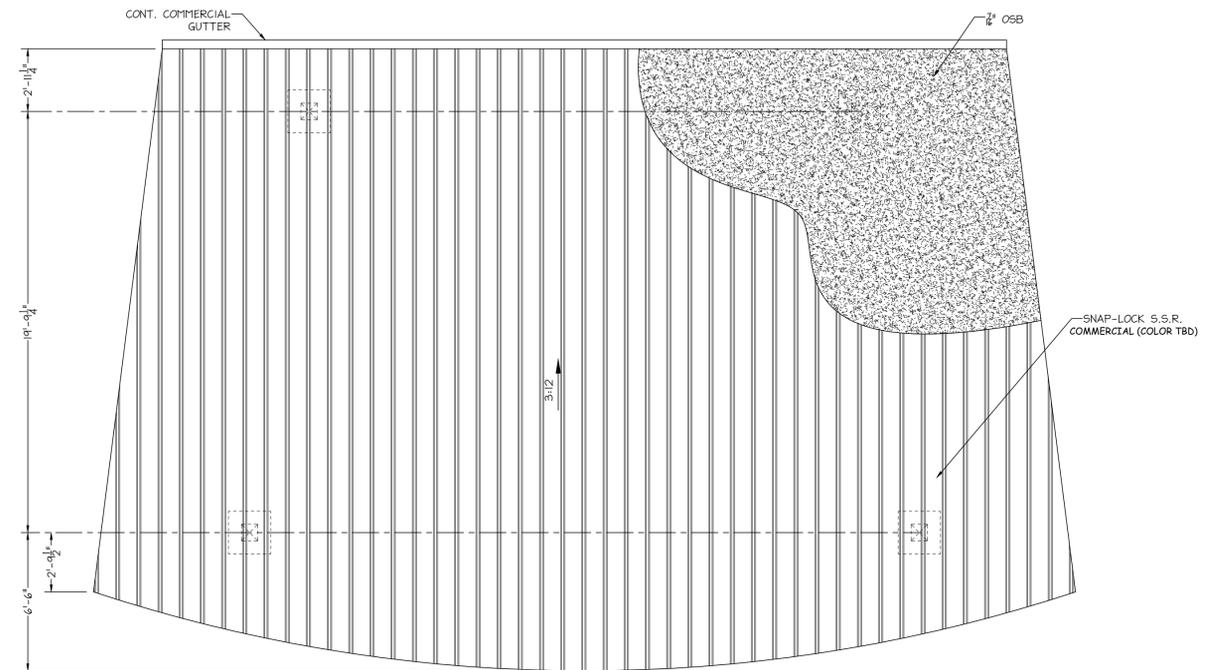
4 REAR ELEVATION
A.2 1/4"=1'-0"



2 LEFT ELEVATION
A.2 1/4"=1'-0"



3 RIGHT ELEVATION
A.2 1/4"=1'-0"



5 ROOF PLAN
A.2 1/4"=1'-0"

ELEVATION NOTES

1. Grade elevations shown are for diagrammatic purposes only and may vary. Builder is responsible for adapting this plan to suit the existing topography of the site.
2. All trades shall furnish all labor, materials and perform all work necessary, indicated, reasonably inferred or required by any code with jurisdiction to complete their scope of work.
3. Do not scale these drawings; written dimensions and notes shall control. Contact the field manager with any conflicts in the plans before beginning work.

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ELEVATIONS AND
ROOF PLAN

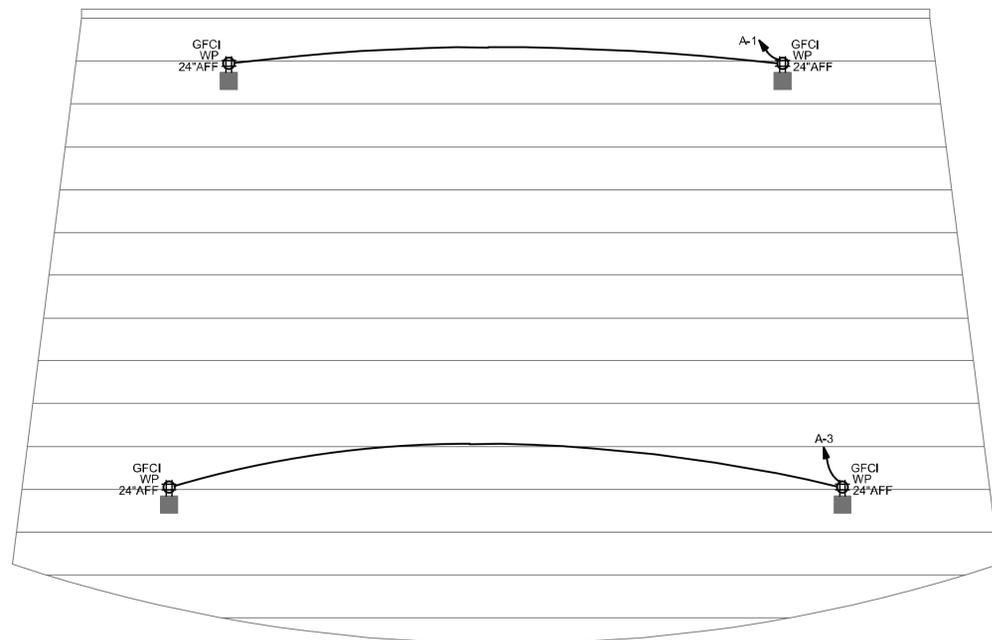
MATTHEW O'BRIEN, ARCHITECT
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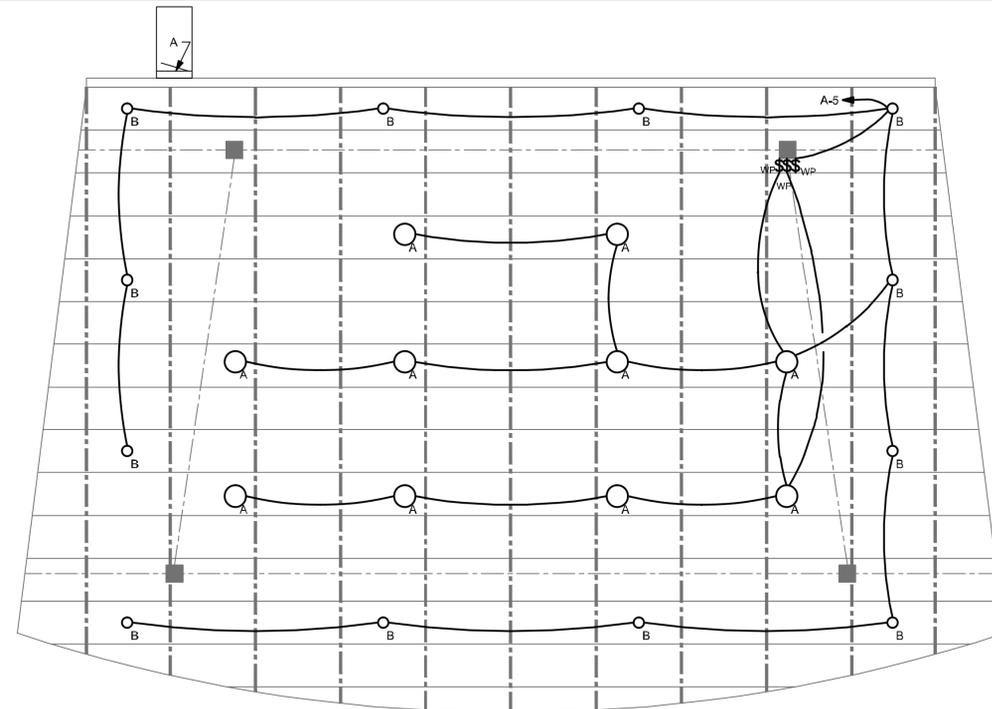
DRAWN BY: AIV
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COMM. NO.:
DATE: 06-16-2016
REVISIONS: 10-18-2016

SHEET NO.

A.2



1 ELECTRICAL POWER PLAN
E.1 1/4"=1'-0"



2 ELECTRICAL LIGHTING PLAN
E.1 1/4"=1'-0"

ROOM		VOLTS 240/120V 2P 3W		A/C 22,000					
MOUNTING SURFACE		BUS AMPS 100		MAIN BKR 100					
FED FROM ELECTRICAL METER		NEUTRAL 100%		LUGS STANDARD					
NOTE NEMA 3R									
CKT #	CKT BKR	CIRCUIT DESCRIPTION	CONDUIT/WIRE	VA LOAD	CKT #	CKT BKR	CIRCUIT DESCRIPTION	CONDUIT/WIRE	VA LOAD
				A					B
1	20/1	RECEPTACLE	1/2"C,1#10,#10N,#10G	720	2	-/1	SPACE		0
3	20/1	RECEPTACLE	1/2"C,1#10,#10N,#10G	720	4	-/1	SPACE		0
5	20/1	LIGHTING	1/2"C,1#10,#10N,#10G	638	6	-/1	SPACE		0
7	-/1	SPACE		0	8	-/1	SPACE		0
9	-/1	SPACE		0	10	-/1	SPACE		0
11	-/1	SPACE		0	12	-/1	SPACE		0
13	-/1	SPACE		0	14	-/1	SPACE		0
15	-/1	SPACE		0	16	-/1	SPACE		0
17	-/1	SPACE		0	18	-/1	SPACE		0
19	-/1	SPACE		0	20	-/1	SPACE		0
21	-/1	SPACE		0	22	-/1	SPACE		0
23	-/1	SPACE		0	24	-/1	SPACE		0
				TOTAL CONNECTED VA BY PHASE				1,360 720	
				TOTAL CONNECTED AMPS BY PHASE				11.3 6	
		CONN. VA	CALC. VA			CONN. VA	CALC. VA		
LIGHTING		638	797 (125%)	CONTINUOUS		0	0 (125%)		
LARGEST MOTOR		0	0 (125%)	HEATING		0	0 (100%)		
OTHER MOTORS		0	0 (100%)	NONCONTINUOUS		0	0 (100%)		
RECEPTACLES		1,440	1,440 (50%>10)	KITCHEN EQUIP		0	0 (N/A)		
				NONCOINCIDING		0	0 (N/A)		
				TOTAL VA		2,080	2,240		
				BALANCED PHASE AMPS		9.32			

LUMINAIRE SCHEDULE

CALLOUT	SYMBOL	LAMP	DESCRIPTION	BALLAST	MOUNTING	MODEL	INPUT WATTS	VOLTS
A	○	(1) LED	LED PENDANT MOUNTED @7'-6" AFF		PENDANT	PEACHTREE LIGHTING C9BLR4030WRCWHPND TRIM603W/L OR APPROVED EQUAL	47	120
B	○	(1) LED	6" LED RECESSED DOWNLIGHT		RECESSED	HALO RL560WH9835 OR APPROVED EQUAL	14	120

FEEDER SCHEDULE

FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
100	1"C,2#3,#3N,#8G	A, ELECTRICAL METER

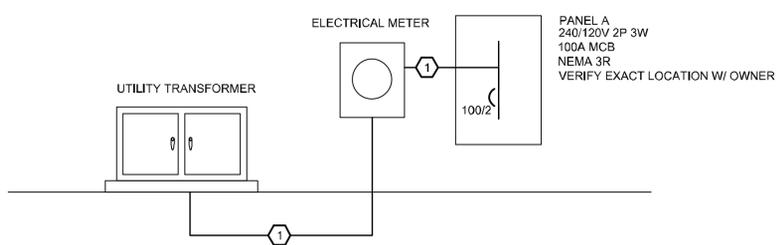
SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C 1/0 AND ABOVE

RECEPTACLE SCHEDULE

CALLOUT	SYMBOL
QUAD	⊕

SWITCH SCHEDULE

CALLOUT	SYMBOL
Generic Switch	\$ WP



3 ELECTRICAL RISER DIAGRAM
E.1 NOT TO SCALE

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ELECTRICAL PLAN

GRAHAM & ASSOCIATES
ENGINEERING, PLLC
163 WILDHURST LANE
STATESVILLE, NC 28625
TELEPHONE: 704-402-4588

PLOT DATE
JULY 08, 2016



DRAWN BY: JMJ
CHECKED BY: SG
COMM. NO.:
DATE: 07-08-2016
REVISIONS:

SHEET NO.
E.1