



December 5, 2025

ADDENDUM #1
BL140-25, Gwinnett Environmental & Heritage Center Green Roof Renovation

QUESTIONS & ANSWERS:

- Q1. Please confirm the maximum allowable dead load for the green roof assembly beginning above the waterproofing. Can the structure support a depth of 5"–6" of green roof growing media to promote long-term plant health?**
- A1. Refer to Roof General Note #4 on sheet A-1 for maximum gravity load imposed by the replacement green roof.
- Q2. The available water flow and pressure at the roof appear insufficient for a green roof of this size. Is it the design team's intent for the contractor to provide a booster pump to achieve the required flow and pressure for the irrigation system?**
- A2. No. There is an existing booster pump in the basement mechanical room that can be utilized if necessary. However, the irrigation system has been designed based on the existing pressure and flow observed at the hose bib connection points.
- Q3. Because plant material is living and seasonally dependent, project delays may impact availability and appropriate installation timing. If the roof is not ready until after the planting window has closed, how should the required deferral to spring be handled from a pricing and scheduling standpoint, including any implications for delay-related penalties?**
- A3. The anticipated duration of work is 180 days from issuance of notice to proceed, which would be within the seasonal planting window. Upon award, the Contractor shall provide a detailed schedule of construction activities, including the installation of the planting material.
- Q4. Please confirm the intended access route and method for maintenance personnel and materials during the two-year maintenance period of the green roof.**
- A4. Access will be provided at the back of the building utilizing the County's lift or contractor ladders.
- Q5. Will the design team provide a planting plan for the green roof, or should the contractor include cost to develop and submit one for approval?**
- A5. The planting plan, sheet GR-3, is included in the construction document set.
- Q6. Will the back terrace area be available for accessing the roof using a forklift or crane if scheduled with the property managers?**
- A6. Yes, as directed by Owner.
- Q7. Will the front terrace area be available for accessing the roof using a forklift or crane if scheduled with the property managers?**
- A7. Yes, as directed by Owner.

- Q8. Is the intention to remove the vegetated roof, repair/patch the existing membrane, and replace the vegetated roof system? Or to remove the vegetated roof, repair the leaking areas, and install a new membrane system over the entire roof, and then replace the vegetated roof assembly?**
- A8. The intention is to remove the vegetated roof, repair leaking areas, and install a new membrane system over the entire roof. Once the new membrane over the entire roof is completed, then the vegetated roof assembly will be replaced.
- Q9. Can the owner provide original As-Builts?**
- A9. Yes, the County will provide a copy of the record drawings to the awarded contractor.
- Q10. For Planning Purposes relating to existing material removal and new waterproofing and green roof system installation: Can the Owner provide the structural capacity of the current roof?**
- A10. Refer to answers A1 and A9.
- Q11. Item 18. List of Subcontractors, "In accordance with General Condition 67, Contractor shall not award more than (75%) of the work to subcontractors. Contractor shall perform, with his/her own organization, work amounting to not less than twenty percent (20%) of the total Contract Cost, including materials, equipment and labor. Purchase of materials by the prime contractor for use by a Subcontractor will not be allowed when computing the 75% limitation. Please confirm that General Condition 67 will be enforced on this Contract.**
- A11. Due to the specialized nature of the scope of work for this contract, the 75% limitation on subcontractor work, as stated in GC-67, will not be enforced.
- Q12. Bid Schedule; The undersigned agrees to commence work within 10 days of the date of Notice to Proceed issued by Gwinnett County Purchasing Office and to commit adequate forces on-site to substantially complete all Work, including punch list items and clean-up, as determined by the County in 180 calendar days: Due to the complexity of the project, the coordination with the existing operations, and the access challenges, Can the Construction Schedule be extended to a longer period?**
- A12. The County will consider extending the contract duration for a moderate amount of time. The awarded contractor must provide a construction schedule at the beginning of the project for time evaluation. Any extension shall be handled via change order upon acceptance of the construction schedule by the Owner.
- Q13. Specification Section 070150.19 - Preparation for Reroofing: B: Full Roof Tear-off: Removal of existing green roof system down to existing roof membrane. Please confirm all the existing protection board from the existing HRA system shall be removed prior to installation of the new HRA roofing system.**
- A13. Per detail 3/A-2, existing roof cover board and membrane shall be removed in locations of known existing roof leaks, as noted on the Roof Leak Exhibit (included in the Specifications).
- Q14. Please confirm that a complete 215 mil HRA system is to be applied over all roof surfaces. Per American Hydrotech, the removal of Hyrdoflex 30 / Root barrier will be required prior to the application of the new HRA system. How should the contractor handle this if it affects the existing system?**
- A14. A new roof membrane shall be applied over the entire roof surface. Refer to Q8/A8 above.
- Q15. Scope of Work – Project Description: Once the existing vegetated assembly is removed, the existing waterproofing membrane shall be evaluated for leaks.**

- a. **Confirm following green roof removal, contractor shall vector test 100% of the roof area to determine areas needing repair.**
 - b. **Or, is the testing requirement to follow the installation of new HRA system? Or both?**
 - c. **If testing indicates additional removal of waterproofing, how will that be considered and paid for?**
- A15. As noted in 075556-3.6, testing shall be performed after the installation of the new roof membrane. Refer to Special Provisions #6 for Existing Roof Leak Coordination with the Owner.
- Q16. Specification Section 070150.19 - Preparation for Reroofing: 3.2 Roof Tear Off, Item E. Remove existing damaged membrane at areas indicated on the Roof Leak Exhibit. Remove damaged roof cover board in same areas.**
 - a. **Confirm in areas of leaks, contractor should assume to replace 100% of existing cover board with a plywood decking and additional cover board per detail 2/A2.**
 - b. **The Roof Leak Exhibit shows 6 locations identified by red boxes, is this the total amount of repair that shall be considered for bidding purposes?**
- A16. a. Correct. b. Correct.
- Q17. Drawing Detail 3 and 4 / A6 - Typ. Eave / Overflow Drain Detail: Should the Contractor include blocking repair/replacement at areas in which copper fascia/gravel stop is to be removed and reinstalled?**
- A17. No, the existing blocking is assumed to be intact.
- Q18. Drawing Detail 3 / A7 Section @ Ridge Struct. Bracket Assembly: Should the Contractor assume the existing framing is structurally capable of loads applied by the ridge bracket assembly?**
- A18. The existing ridge framing shown on detail 3/A-7 is per record drawings provided to the Architect by the Owner. For purposes of bidding, Contractor shall assume the existing ridge framing is as shown on 3/A-7 but shall confirm existing condition per note on 3/A-7 and notify Owner and Architect with findings.
- Q19. Within the Project Description under the Scope of Work section of the specifications, it states that "All fall safety structures, and cabling will need to be assessed and repaired where broken prior to the commencement of any work." The existing Fall Arrest System is not shown in documents. Can a Detail be provided for pricing? Will the new / or repaired fall safety system required to be Certified?**
- A19. Details from the original fall protection design plans are included in Addendum 1. Refer to plan sheets A501, A502 and S001. The contractor shall provide certification and warranty to the Owner for the fall protection repairs and provide an annual inspection during the 2-year maintenance period by a Guardian Certified installer. Refer to the original certification included in Addendum 1.
- Q20. Unit Rates Items No. 1 – 14: Are these items in addition to quantities required to complete the base bid work? (For example) Unit Price No.4: Waterproofing Membrane - Quantity to be included in contract sum: 2,500. It is our understanding that the entire roof is receiving a new Waterproofing system, American Hydrotech 6125. Is the contractor to carry an additional 2,500 square feet in excess of the total roof?**
- A20. Correct, the quantities noted in the Unit Price Schedule are in addition to the scope noted on the Drawings.
- Q21. Specification Section 012200 Has 17 Unit Prices Listed, will the Bid Form be adjusted to match?**

- A21. The bid form is correct. Section 012200 will be revised to remove 1.2 O, 1.2 P and 1.2 Q. A revised 012200 will be included as part of Addendum 1.
- Q22. Minor Construction Insurance Requirements. The Umbrella / Excess Liability Insurance with policy limits are determined by Contract Sums. Can the county Provide Limit requirements if the Contract Amount exceeds \$ 5 mil?**
- A22. Please see the attached Major Construction Insurance Requirements for projects that exceed \$5 million.
- Q23. Specification Section 075555 - Extensive Garden Roof Assembly - 1.10 Warranty C. Upon completion of the work, the contractor shall verify that a maintenance agreement of a period no less than 2 years is executed with the installing contractor. The contractor shall consider the 2-year maintenance period their timeframe for a workmanship warranty. Shall the Contractor include the cost of the Green roof Maintenance for a period of 2 years within their base bid?**
- A23. Yes.
- Q24. Can the County provide and requirements for Fire Watch, or Flame considerations for the use of propane kettle equipment and HRA installation.**
- A24. The awarded contractor shall be responsible for fire watch. The use of propane torches and the safety of their use shall be the awarded contractor's responsibility. Any damage caused by the contractor shall be their responsibility to repair or replace.
- Q25. Living Roofs - Green Roof Renovation Procedure calls for the Repair and Replacement of any damaged insulation. Is the Contractor to include the replacement of insulation or reuse of the existing?**
- A25. The contractor shall re-use existing insulation as long as it has not taken on water and can sufficiently provide insulative properties. Any insulation damaged by the contractor during construction shall be replaced at the contractor's expense. Bidders shall provide a unit price per Item No. 5 in Section 012200.
- Q26. What quantity of deck and HRA repair should the contractor include in bid?**
- A26. Refer to Q13/A13 above as well as Unit Price Schedule for quantity in Section 012200.
- Q27. The contractor will be responsible for obtaining all applicable permits prior to construction. Should the cost of the permits be included in the base bid proposal price?**
- A27. Yes, the awarded contractor shall be responsible for obtaining all applicable permits. Gwinnett County will not issue for permits for Gwinnett County projects.
- Q28. Will the owner allow prospective bidders to conduct exploratory openings at multiple roof areas before the bid date to allow for a complete inspection of existing systems?**
- A28. An additional site visit will not be conducted prior to bid date. The awarded contractor may perform an exploratory assessment prior to beginning the scope of work. Any site access for an exploratory assessment shall be coordinated with the Gwinnett County project manager.
- Q29. Has the owner completed any exploratory openings/destructive testing to confirm the complete roofing system? If yes, can the owner share the report/photos with the bidders?**
- A29. No, the complete roofing system is shown in the plans. Refer to the Green Roof Assessment provided in the specifications.

This addendum should be acknowledged in the space provided on page 15 of the bid documents and returned with your bid. Failure to do so may result in your bid being deemed non-responsive.

Thank you,

Jake Scarpone

Jake Scarpone, CPPB
Purchasing Associate III

Attachments:

1. Pre-Bid Conference Sign In Sheet
2. Major Construction Insurance Requirements
3. Fall Arrest System Detail

11/12/25

PRE-BID CONFERENCE

BL140-25

Representative Name	Company Name	Phone #	E-Mail Address
(DEPARTMENT REPRESENTATIVES SIGN-IN AT BOTTOM)			
1. Nick Womack	Gerrard Group	(678) 525-3303	nwomack@gerrardgroup.com
2. Jordan Harris	Good Shepherd Roofing	678-925-6996	jordan@good-shepherd-roofing.com
3. Jared Penny	Pencor, LLC	678-207-9916	jared.p@pencorconstruction.com
4. AMAR RAJASHEKAR	PENCOR	470-461-6903	ARAJASHEKAR@PENCORCONSTRUCTION.COM
5. Zachary Whyte	Integrity CRV	770-990-7301	zachary@integritycrv.com
6. Christina Pena	Atc Prime Suning	929-426-5338	atcprime09@gmail.com
7. EMILIO ANAYA	LIVING ROOFS		EMILIO@LIVINGROOFSINC.COM
8. COREY TOUSAWO	LIVING ROOFS	737-798-0708	COREYT@LIVINGROOFSINC.COM
9. ANDREW SILLIS	HODGES & HICKS	404-625-4092	ASILLIS@HODGESANDHICKS.COM
10. THOMAS DEEDS	Southeast Restoration	678-849-0815	TDEEDS@SEREST.COM
11. Keith Butcher	American Hydrotech	678-708-2059	Keithbutcher@yahoo.com
12. WES JAILLET	UNITED RESTORATION	770-460-9606	WESJ@URPINC.COM
13. Daniel Venn	ACR	855-862-7663	Intake@alphacommercialRoofs.com

Department Representative Name	Department	Department Representative Name	Department
Jake Scarpone	DOFS		
Jeremy Vanoy	PER		
Wilson White	PIR		



MAJOR CONSTRUCTION INSURANCE REQUIREMENTS (FOR PROJECTS MORE THAN \$5,000,000)

Insurance:

Contractor shall provide evidence of insurance for at least the coverage and amounts set forth below. All insurance shall be maintained in the form and with a company (or companies) satisfactory to the Gwinnett County Board of Commissioners. The Contractor and their Subcontractor's/Vendor's Certificate of Insurance shall require that the County be notified in writing thirty (30) days prior to cancellation, modification or non-renewal of any insurance policy listed on Certificate. Upon request, Contractor shall provide the County with certified copies of all required insurance policies.

A. Minimum Coverage

Commercial General Liability (Occurrence Form):

General Aggregate (other than Prod/Comp Ops Liability)	\$2,000,000
Products/Completed Operations Aggregate	\$2,000,000
Personal & Advertising Injury Liability	\$1,000,000
Each Occurrence	\$1,000,000

- Gwinnett County Board of Commissioners to be named as Additional Insured
- Additional Insured Endorsement CG 20 10 (edition dates of 07/04, 04/13, 12/19 or a substitute endorsement providing equivalent coverage) and CG 2037 (edition dates of 07/04, 04/13, 12/19 or a substitute endorsement providing equivalent coverage) must be provided with your Certificate of Insurance.
- Primary and Non-Contributory Endorsement to be specified in writing.
- Dedicated Limits per Project Site or Location (CG 25 03 or CG 25 04)
- Contractual Liability
- Broad Form Property Damage
- Severability of Interest
- Underground, explosion, and collapse coverage
- Personal Injury (deleting both contractual and employee exclusions)
- Incidental Medical Malpractice
- Hostile Fire Pollution Wording
- Include Waiver of Subrogation in favor of Gwinnett County Board of Commissioners
- If project or operations are within 50 feet of a railroad, Contractor is required to name the specific railroad as an Additional Insured and provide a copy of the Additional Insured Endorsement CG2417 or its equivalent.
- In the event the General Liability insurance required by this Contract is written on a claims-made basis, Contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract; and that either continuous coverage will be maintained or an extended discovery period will be exercised for a period of five (5) years or applicable statute of limitation period following completion of the work.

Automobile Liability to include:

Combined Single Limit – Each Accident

\$1,000,000

- Comprehensive form providing coverage for bodily injury, death of any person, and property damage arising out of the ownership, maintenance, and use of all owned, non-owned, leased, hired, borrowed vehicles, and any other statutorily required automobile coverage.
- Gwinnett County Board of Commissioners to be named as Additional Insured
- Additional Insured Endorsements must be provided with the Certificate of Insurance
- Coverage to include loading and unloading
- Contractual Liability

Worker's Compensation & Employer's Liability Coverage to include:

Workers Compensation

Georgia State Statutory Limits

Employers Liability

Bodily Injury by Accident – Each Accident

\$ 500,000

Bodily Injury by Disease – Policy Limit

\$ 500,000

Bodily Injury by Disease – Each Employee

\$ 500,000

- Waiver of Subrogation in favor of Gwinnett County Board of Commissioners

Umbrella/Excess Liability Insurance with policy limits as determined by Contract Sums (Higher limits may be required depending on the extent of contract):

Contracts Over \$5,000,000

Each Occurrence and Aggregate Limit

\$10,000,000

- Gwinnett County Board of Commissioners to be named as Additional Insured
- Additional Insured Endorsements must be provided with the Certificate of Insurance
- Concurrence of Effective Dates with Primary
- Blanket Contractual Liability
- Drop Down Feature
- Umbrella Policy must be as broad as the primary policy.
- Coverage excess over General Liability, Business Auto Liability, and Employers Liability
- In the event the Umbrella/Excess Liability insurance required by this Contract is written on a claims-made basis, Contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract; and that either continuous coverage will be maintained or an extended discovery period will be exercised for a period of five (5) years or applicable statute of limitation period following completion of the work.

Builder's Risk Insurance or Installation Floater Insurance (with the exception for work where the County secures project Builders Risk):

On all new structures, bridges, overpasses, culverts, and railroad crossings, the Contractor shall purchase and maintain insurance in an amount sufficient to cover the full contract amount, from a company licensed, and authorized to do business by the Office of the Insurance and Safety Fire Commissioner of Georgia ("Insurance Commissioner"), with the exception of non-admitted carriers, in which case the broker placing coverage should be licensed by the Insurance Commissioner. All agents placing coverage should be licensed by the Insurance Commissioner, either as a resident or non-resident.

Property Insurance:

The Contractor is fully and solely responsible for any physical loss or damage to all tools, equipment, construction office trailers and their contents, vehicles or any other personal property utilized in the performance of the Contractor's work. Contractor agrees to waive its rights of recovery and cause its insurers, if any, to waive their rights of subrogation against Owner and Company for any such damage or loss, however caused.

Professional Liability (Errors and Omissions): Applies if contract is for professional services such as architects and engineers, geotechnical investigation and reporting, environmental assessment, land surveying, or construction administrative services such as material testing. Professional services also include accountants, lawyers, doctors, computer and software engineers, and any other services the County may designate. The following Professional Errors and Omissions Liability Insurance shall meet or exceed the following minimum requirements:

- The Contractor shall maintain Errors and Omissions Liability covering negligent acts, errors and/or omissions, including design errors of the Contractor for damage sustained by reason of or in the course of operations under this Contract. The policy/coverages shall be amended to include the following:
- Claim/Wrongful Act: \$1,000,000 limit of insurance
 - General Aggregate: \$2,000,000 limit of insurance
 - Amendment of any Contractual Liability Exclusion to state: "This exclusion does not apply to any liability of others which you assume under a written contract provided such liability is caused by your negligent acts."
 - In the event that any professional liability insurance required by this Contract is written on a claims-made basis, Contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract; and that either continuous coverage will be maintained, or an extended discovery period will be exercised for a period of five (5) years or applicable statute of limitation period following completion of the work, unless such coverage becomes unavailable in the market on a commercially reasonable basis, in which case the Contractor shall notify the Insurance Manager. If the Director of the Department for which the Contractor is doing the work and the Insurance Manager both agree that such coverage is not commercially reasonably available (such agreement not to be unreasonably withheld), the Contractor may for the period such coverage is not commercially reasonably available, elect not to provide such coverage.

Pollution Liability Insurance. Applies if scope of work requires the handling and/or transportation of hazardous materials, including, but not limited to, asbestos, lead, silica, contaminated soil, or any other hazardous material as defined by applicable law then the following Pollution Liability Insurance shall meet or exceed the following minimum requirements:

Per Incident Limit	\$1,000,000
Aggregate Limit	\$2,000,000

- Limits for Bodily Injury, Property Damage, Environmental Damage or Clean-Up Costs, including coverage for Non-Owned Disposal Sites.
- For Subcontractors whose scope of work includes transportation of hazardous materials, the insurance must also include coverage for pollution conditions arising from the transportation of hazardous materials.
- Whether written on an "Occurrence" basis or on a "Claims Made" basis, coverage shall either be renewed continuously or shall provide an extended claims reporting period of five (5) years or applicable statute of limitation period following completion of the work.
- Gwinnett County Board of Commissioners shall be Additional Insureds during the term of the subcontract agreement and through all applicable statutes of limitation and repose.
- Additional Insured Endorsements must be provided with the Certificate of Insurance
- The policy shall stipulate the insurance afforded to the Additional Insureds applies as primary insurance and that any other insurance carried by the Additional Insureds will be excess only.

Crane Insurance (Applies if any work to be performed involves the use of any owned, leased, chartered or hired crane of any type):

Occurrence Limit	\$5,000,000
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- Evidence of coverage in the form of a Certificate of Insurance shall be provided to the County prior to start of work.
- Gwinnett County Board of Commissioners and their respective officers, directors and employees, and any other parties required by the County shall be Additional Insureds.
- Additional Insured Endorsements must be provided with the Certificate of Insurance

Riggers Liability Insurance.

If any work to be performed involves the rigging, lifting, lowering or moving of property or equipment, then those parties performing such work shall carry Rigger's Liability Insurance in an amount adequate to insure against the physical loss or damage to the property or equipment in its care

Crime or Fidelity Insurance:

Limit of Insurance	\$1,000,000
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- The Contractor shall maintain employee dishonesty and computer fraud coverage including, but not limited to, dishonest acts of Contractor, its employees, agents, subcontractors and anyone under Contractor's supervision or control.
- Contractor shall be liable for money, securities, or other property of the County.
- Such coverage shall include an owner coverage endorsement for County and County shall be included as a loss payee.

Cyber Liability Insurance: Applies if scope of work includes the storage or transfer of any County data or sensitive data (including but not limited to personally identifiable, health or payment card data) or the related hosting of database(s) or internet site(s):

Limit of Insurance per Claim	\$1,000,000
Aggregate Limit	\$1,000,000

The Contractor shall maintain insurance coverage for network security and privacy risks, including, but not limited to, insurance for data breach or introduction of virus or malicious codes, consumer notification, whether or not required by law, forensic investigation, public relations and crisis management and credit or identity monitoring or similar remediation services, unauthorized access, failure of security information theft, damage to destruction of or alteration of electronic information, breach of privacy perils, wrongful disclosure and release of private information, collection, or other negligence in the handling of confidential information, and including coverage for related regulatory fines, defenses, and penalties allowed by law.

Aviation Insurance. (Applies if scope of work requires the use of aircraft, including helicopters, unmanned aircraft systems (e.g., drones) and/or fixed-wing aircraft):

Maintain (or require aircraft owner or operator to maintain), and Contractor shall furnish proof of Aircraft Liability insurance with minimum limits of \$10,000,000 per occurrence for bodily injury and property damage of all aircraft.

Unmanned aircraft systems, minimum limits of \$2,000,000 for bodily injury, property damage, and personal injury (including invasion of privacy) for unmanned aircraft systems, and guest voluntary settlement bodily injury coverage (for any aircraft except unmanned aircraft systems)

- Such policy shall include contractual liability covering all owned and non-owned aircraft
- If the party providing the Aircraft Liability insurance is not Contractor, then Contractor shall require such party to (a) waive any subrogation rights of recovery they and/or their insurance carriers may

have against County and any other indemnified parties and (b) name County and such other parties as Additional Insureds

- The Contractor shall (or shall require aircraft owner or operator) to hire, employ, and utilize pilots certified by the Federal Aviation Administration to operate any such aircraft.
- B. Gwinnett County Board of Commissioners (and any applicable Authority) must be specified in writing as an Additional Insured on General Liability, Auto Liability, Umbrella Liability, Pollution, Aviation (if applicable) and Crane policies.
- C. Gwinnett County should be provided with a minimum of 30 days advance written notice of cancellation, material change, or non-renewal of policies required by the contract.
- D. Certificate Holder should read:
Gwinnett County Board of Commissioners
75 Langley Drive
Lawrenceville, GA 30046-6935
- E. Insurance Company, except Workers' Compensation carrier, must have an A.M. Best Rating of A-10 or higher. Certain Workers' Comp funds may be acceptable by the approval of the Insurance Unit. European markets including those based in London and domestic surplus lines markets that operate on a non-admitted basis are exempt from this requirement provided that the contractor's broker/agent can provide financial data to establish that a market is equal to or exceeds the financial strengths associated with the A.M. Best's rating of A-10 or better.
- F. Insurance companies providing coverage should be licensed, and authorized to do business by the Office of the Insurance and Safety Fire Commissioner of Georgia ("Insurance Commissioner"), with the exception of non-admitted carriers, in which case the broker placing coverage should be licensed by the Insurance Commissioner. All agents placing coverage should be licensed by the Insurance Commissioner, either as a resident or non-resident.
- G. Certificates of Insurance, and any subsequent renewals, must reference each corresponding bid/contract by project name and project/bid number.
- H. The Contractor shall agree to provide complete certified copies of current insurance policy(ies) or a certified letter from the insurance company(ies) if requested by the County to verify the compliance with these insurance requirements.
- I. All insurance coverage required to be provided by the Contractor will state that it is primary over any insurance program carried by the County.
- J. Contractor shall incorporate a copy of the insurance requirements as herein provided in each and every subcontract with each and every Subcontractor in any tier and shall require each and every Subcontractor of any tier to comply with all such requirements. Contractor agrees that if for any reason Subcontractor fails to procure and maintain insurance as required, all such required Insurance shall be procured and maintained by Contractor at Contractor's expense.
- K. No Contractor or Subcontractor shall commence any work of any kind under this Contract until all insurance requirements contained in this Contract have been complied with and until evidence of such compliance satisfactory to Gwinnett County as to form and content has been filed with Gwinnett County. The ACORD Certificate of Insurance or a preapproved substitute is the required form in all cases where reference is made to a Certificate of Insurance or an approved substitute.
- L. The Contractor and its insurer(s) shall agree to waive all rights of subrogation against the County, the Board of Commissioners, its officers, officials, employees, and volunteers from losses arising from work performed by the contractor for the County.

- M. Special Form Contractors' Equipment and Contents Insurance covering owned, used, and leased equipment, tools, supplies, and contents is required to perform the services called for in the Contract. The coverage must be on a replacement cost basis. The County will be included as a Loss Payee in this coverage for County owned equipment, tools, supplies, and contents.
- N. The Contractor shall make available to the County, through its records or records of its insurer, information regarding any claim related to a County project. Any loss run information available from the Contractor or its insurer relating to a County project will be made available to the County upon its request.
- O. Compliance by the Contractor and all Subcontractors with the foregoing insurance requirements shall not relieve the Contractor and Subcontractors of liability under the Contract and any applicable law.
- P. The Contractor and all Subcontractors are to comply with the Occupational Safety and Health Act of 1970, Public Law 91-956, and any other laws that may apply to this Contract.
- Q. The Contractor shall at a minimum apply risk management practices accepted by the Contractor's industry.
- R. The Contractor shall advise the County if required limits of insurance become eroded or impaired.

Surety Bonds (if required)

All of the surety requirements will stay the same except the Surety Company must have the same rating as set forth in item E above.

SECTION 012200 - UNIT PRICES

PART 1 – GENERAL

1.1 SCOPE

- A. Section Includes:
 - 1. Unit price work.
 - 2. List of unit prices required.
 - 3. Procedures for unit price work.
- B. Related Sections
 - 1. Applications for payment: As outlined in General Conditions and Bid Schedule.
 - 2. Procedures for modifications to the Contract: As outlined in General Conditions.
 - 3. Procedures for utilization of testing and inspection: As outlined in Specifications.
 - 4. Contract closeout procedures: As outlined in Specifications.

1.2 UNIT PRICES

- A. Unit Price No. 1: 3" Decorative Metal Downspouts
 - 1. Description: Installation of additional decorative metal downspouts to be installed in place of existing rain chains as directed by the County's representative. Samples of materials and colors shall be presented to the County for selection.
 - 2. Purpose: To adjust the contract sum when actual quantity is determined.
 - 3. Quantity to be included in contract sum: 1,500.
 - 4. Unit of measurement: Linear Feet.
 - 5. Include only the following in the unit price:
 - a. Material and installation of downspout, per specifications.
 - b. Maintenance and warranty per specifications.
 - c. Overhead and profit.
 - 6. Include all other costs in the contract base bid.
 - 7. Method of measurement: Actual quantity installed and authorized prior to start of work by Owner's Representative.
- B. Unit Price No. 2: Copper Fascia/Gravel Stop
 - 1. Description: Copper fascia to match existing in profile, gauge, etc.
 - 2. Purpose: To adjust the contract sum when actual repairs that are needed are observed during construction.
 - 3. Quantity to be included in contract sum: 200.
 - 4. Unit of measurement: Linear Feet.

5. Include only the following in the unit price: Copper roll product to be site fabricated to match existing in profile, gauge, and color.
 6. Include all other costs in the contract base bid for associated attachment hardware, and labor for removal and replacement.
 7. Method of measurement: Measurement will be made in the field during construction.
- C. Unit Price No. 3: Roof Cover Board
1. Description: ¼" thick rigid, fire and impact resistant glass mat faced gypsum cover board to match the existing in type and thickness.
 2. Purpose: To adjust the contract sum when water damaged boards are observed during construction.
 3. Quantity to be included in contract sum: 1,000.
 4. Unit of measurement: Square Foot.
 5. Include only the following in the unit price: Removal and replacement of Georgia-Pacific DensDeck cover boards and the removal and replacement of existing waterproofing membrane at associated damaged cover boards.
 6. Include all other costs in the contract base bid.
 7. Method of measurement: Measurement will be made in the field during construction.
- D. Unit Price No. 4: Waterproofing Membrane
1. Description: Membrane shall be a hot, fluid applied, rubberized asphalt membrane.
 2. Purpose: To adjust the contract sum when actual repairs that are needed are observed during construction.
 3. Quantity to be included in contract sum: 2,500.
 4. Unit of measurement: Square Foot.
 5. Include only the following in the unit price: American Hydrotech, Inc., Monolithic Membrane 6125EV® , proper cleaning of substrate for membrane adherence, membrane reinforcement with Spunbonded polyester fabric (standard duty) reinforcing sheet or 60-mil (1.5 mm) thick, uncured neoprene (heavy duty) reinforcing sheet, and flashing as needed with 60-mil (1.5 mm) thick, uncured neoprene sheet.
 6. Include all other costs in the contract base bid.
 7. Method of measurement: Measurement will be made and verified by the County for actual quantities as determined in the field.
- E. Unit Price No. 5: XPS Insulation
1. Description: Extruded polystyrene rigid board insulation for use above membrane.
 2. Purpose: To adjust the contract sum when water damage of existing insulation is determined during construction.
 3. Quantity to be included in contract sum: 2,400.

4. Unit of measurement: Square Foot.
 5. Include only the following in the unit price: STYROFOAM® Brand.
 6. Include all other costs in the contract base bid.
 7. Method of measurement: Measurement will be made in the field during construction.
- F. Unit Price No. 6: Root Stop Standard
1. Description: 30 mil, smooth, high quality polyethylene geo-membrane sheeting produced from specifically formulated, virgin polyethylene resin.
 2. Purpose: To adjust the Contract sum when actual damage of existing root barrier is determined during construction.
 3. Quantity to be included in contract sum: 1,500.
 4. Unit of measurement: Square Foot.
 5. Include only the following in the unit price: American Hydrotech, Inc., Root Stop Standard, and pressure-sensitive polyethylene tape American Hydrotech, Inc. Root Stop Tape.
 6. Include all other costs in the contract base bid.
 7. Method of measurement: Measurement will be made in the field during construction.
- G. Unit Price No. 7: GR10 Drainage Board
1. Description: A composite product made of recycled polypropylene core with a fleece top cover fabric, and a non-woven bottom fabric. All three components are bonded together in a single component that is designed for aeration, retention and promoting upward moisture movement.
 2. Purpose: To adjust the Contract sum when actual damage is determined during construction.
 3. Quantity to be included in contract sum: 1,200.
 4. Unit of measurement: Square Feet.
 5. Include only the following in the unit price: American Hydrotech, Inc., HydroDrain 400.
 6. Include all other costs in the contract base bid.
 7. Method of measurement: Measurement will be made in the field during construction.
- H. Unit Price No. 8: HydroDrain 300 & Moisture Retention Mat
1. Description: Roll product consisting of an entangled polypropylene mesh with a light fabric backing used under lightweight horticultural grade material made of high quality, non-deteriorating, polypropylene fibers.
 2. Purpose: To adjust the Contract sum if additional areas of the roof need extra water retention.
 3. Additional Quantity to be included in Contract sum: 1,500.
 4. Unit of measurement: Square Feet.

5. Include only the following in the unit price: American Hydrotech, Inc., HD 300 used under American Hydrotech Inc., Moisture Retention Mat.
 6. Include all other costs in the contract base bid.
 7. Method of measurement: Actual SF area of remaining high rooftops.
- I. Unit Price No. 9: System Filter
1. Description: Non-woven, polymeric, geotextile fabric.
 2. Purpose: To adjust the contract sum when actual damage is determined during construction.
 3. Quantity to be included in Contract sum: 1,500.
 4. Unit of measurement: Square Feet.
 5. Include only the following in the unit price: American Hydrotech, Inc., Systemfilter.
 6. Include all other costs in the contract base bid.
 7. Method of measurement: Measurement will be made in the field during construction.
- J. Unit Price No. 10: #57 Granite Stone
1. Description: Well screened and washed granite gravel meeting ASTM D 448 80, gradations #57.
 2. Purpose: To adjust the contract sum when actual quantity needed exceeds the base bid amount.
 3. Quantity to be included in Contract sum: 10.
 4. Unit of measurement: Ton.
 5. Include only the following in the unit price: Locally sourced stone product.
 6. Include all other costs in the contract base bid.
 7. Method of measurement: Measurement will be made in the field during construction.
- K. Unit Price No. 11: Miscellaneous Irrigation
1. Description: All irrigation equipment and adjustments.
 2. Purpose: To adjust the contract sum when actual quantity needed exceeds the base bid amount.
 3. Quantity to be included in Contract sum: 1.
 4. Unit of measurement: Sum.
 5. Include only the following in the unit price: \$1,500.00.
 6. Include all other costs in the contract base bid.
 7. Method of measurement: Measurement will be made in the field during construction.
- L. Unit Price No. 12: Engineered Growing Media
1. Description: Custom growing media mix capable of supporting vigorous growth of the specified vegetation specifically engineered for green roof applications.

2. Purpose: To adjust the contract sum when actual quantity needed exceeds the base bid amount.
 3. Quantity to be included in Contract sum: 30.
 4. Unit of measurement: Cubic Yard.
 5. Include only the following in the unit price: American Hydrotech, Inc., Intensive LiteTop® Growing Media.
 6. Include all other costs in the contract base bid.
 7. Method of measurement: Additional quantity needed for new soil beyond what is called out on plans.
- M. Unit Price No. 13: Soil Testing
1. Description: Soil chemical analysis performed in laboratory.
 2. Purpose: To adjust the contract sum to determine up to date results.
 3. Quantity to be included in Contract sum: 20.
 4. Unit of measurement: Each.
 5. Include only the following in the unit price: Test and postage.
 6. Include all other costs in the contract base bid.
 7. Method of measurement: As needed.
- N. Unit Price No. 14: Temporary Erosion Control Blanket
1. Description: Biodegradable Erosion Control Matting: Composed of straw and/or coconut fiber stitched together with biodegradable thread forming top and bottom netting.
 2. Purpose: To adjust the contract sum if construction staging requires the temporary cover of parts of the roof prior to planting vegetation.
 3. Quantity to be included in Contract sum: 20,000.
 4. Unit of measurement: Square Feet.
 5. Include only the following in the unit price: American Hydrotech, Inc., GardMat® LT.
 6. Include all other costs in the contract base bid.
 7. Method of measurement: Entire roof area that will be vegetated.

1.3 SUBMITTALS

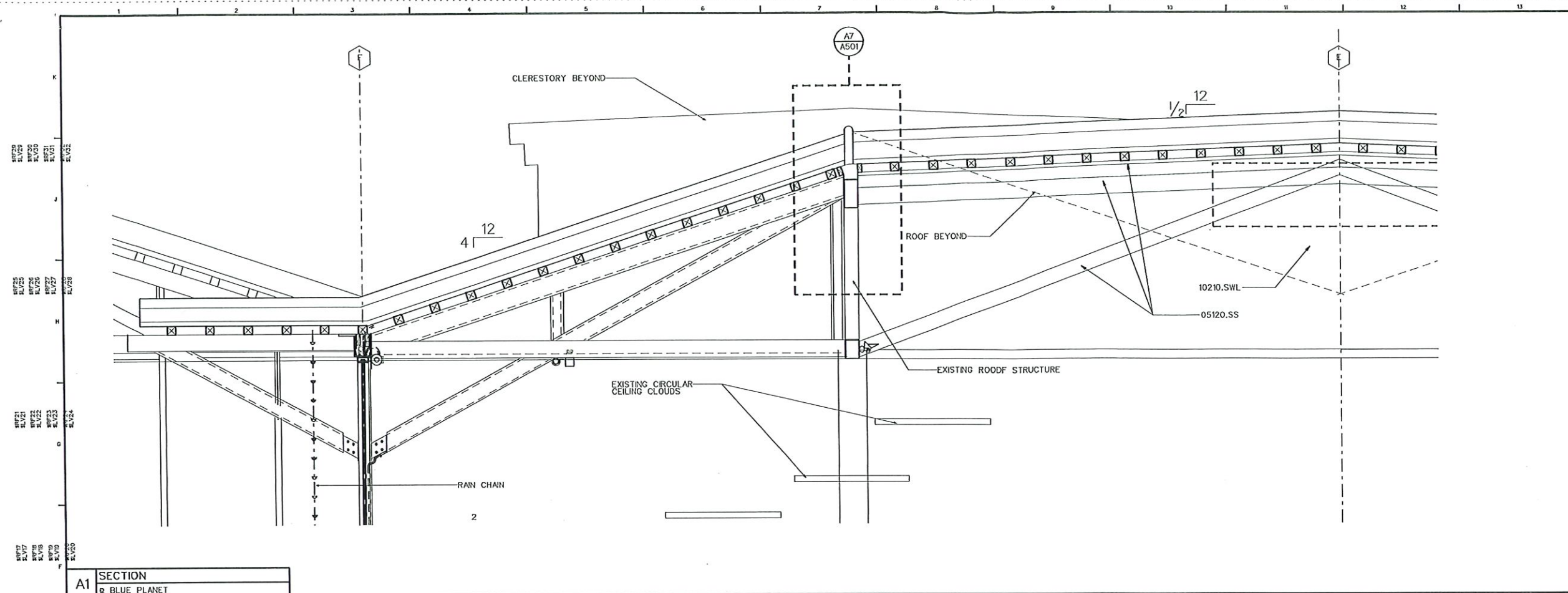
- A. Supporting Data: With applications for payment covering unit price work submit substantiated measurement of quantity installed or executed.
- B. Unit Prices
1. Indicate unit price for each item on bid form.
 2. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
 3. Quantities:

- a. Include in the contract base bid an amount equal to the unit price times the estimated quantities.
 - b. Actual quantities will be determined by measurement, and the contract sum will be adjusted accordingly.
- 4. Accepted unit prices will be included in the agreement.
- C. Procedures for Modifications to the Contract: Procedures for submitting and handling modifications due to changes are specified elsewhere.

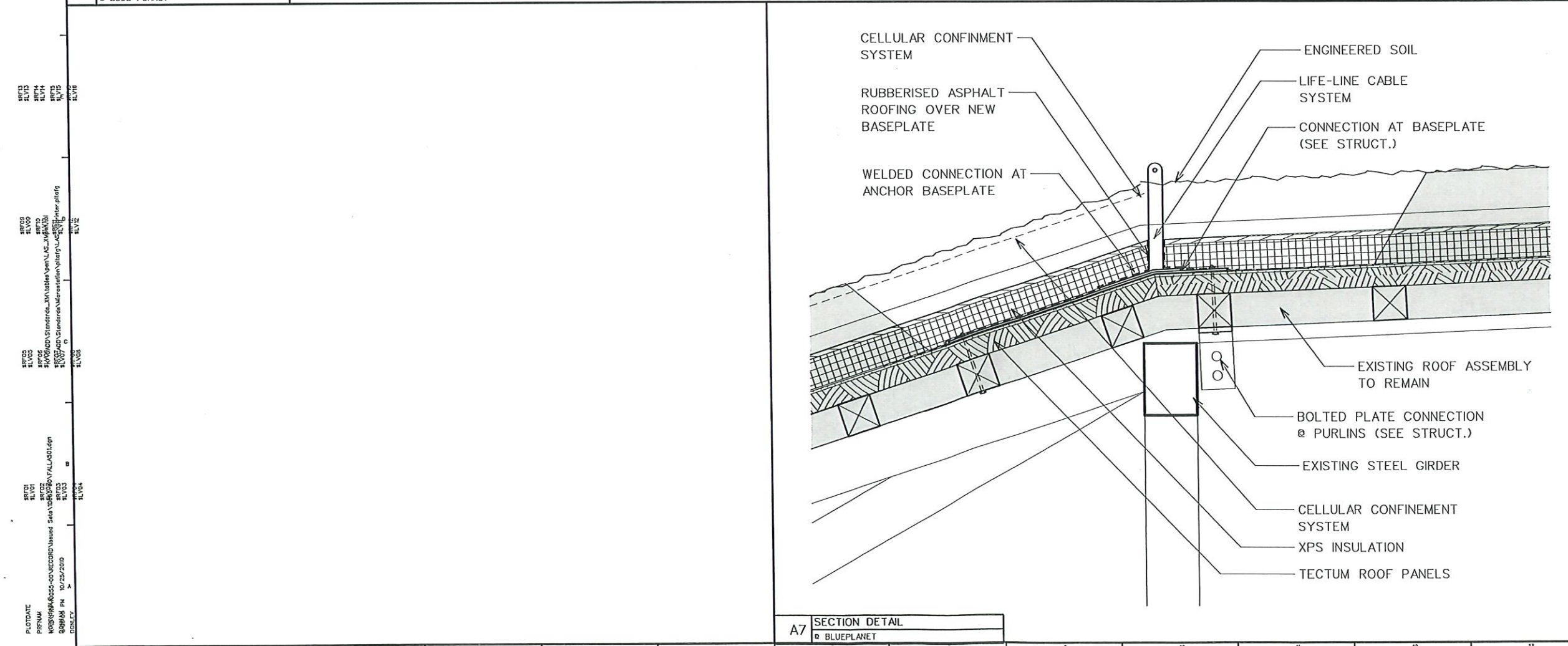
PART 2 – PRODUCTS (NOT USED)

PART 3 – EXECUTION (NOT USED)


END OF SECTION



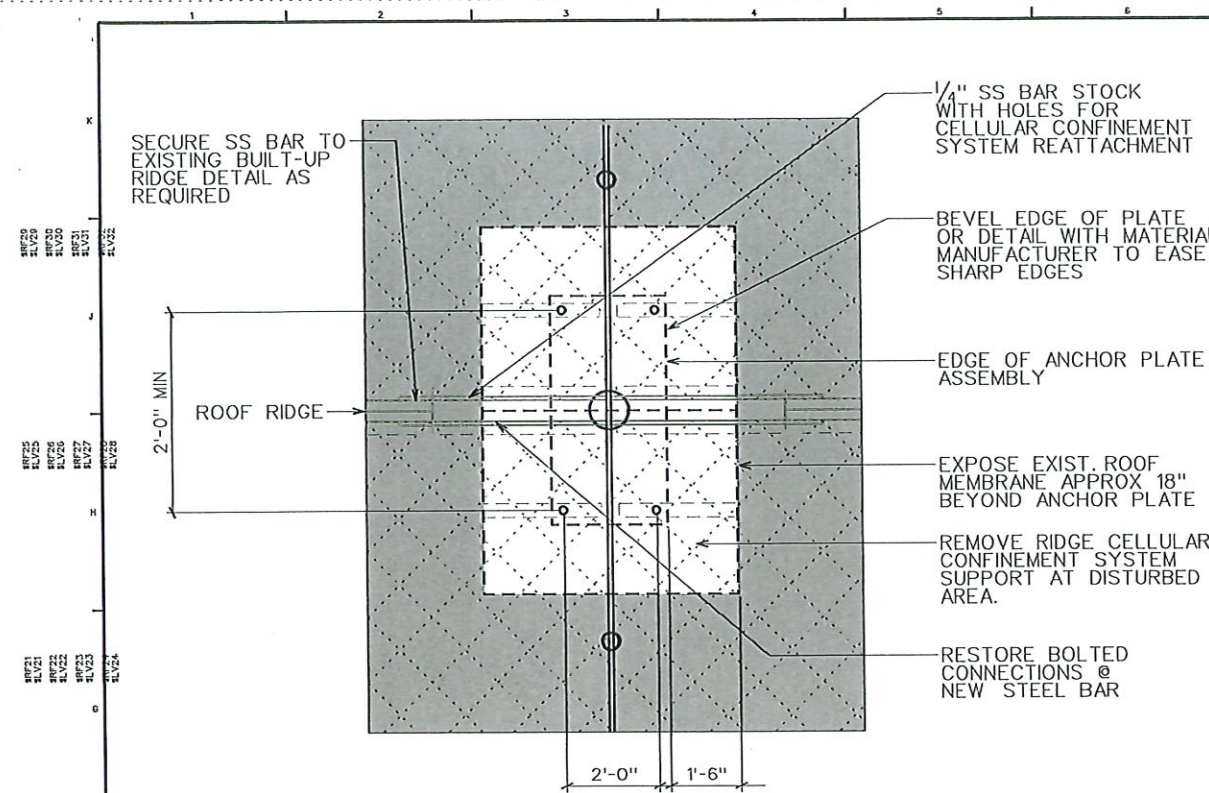
A1 SECTION
BLUE PLANET



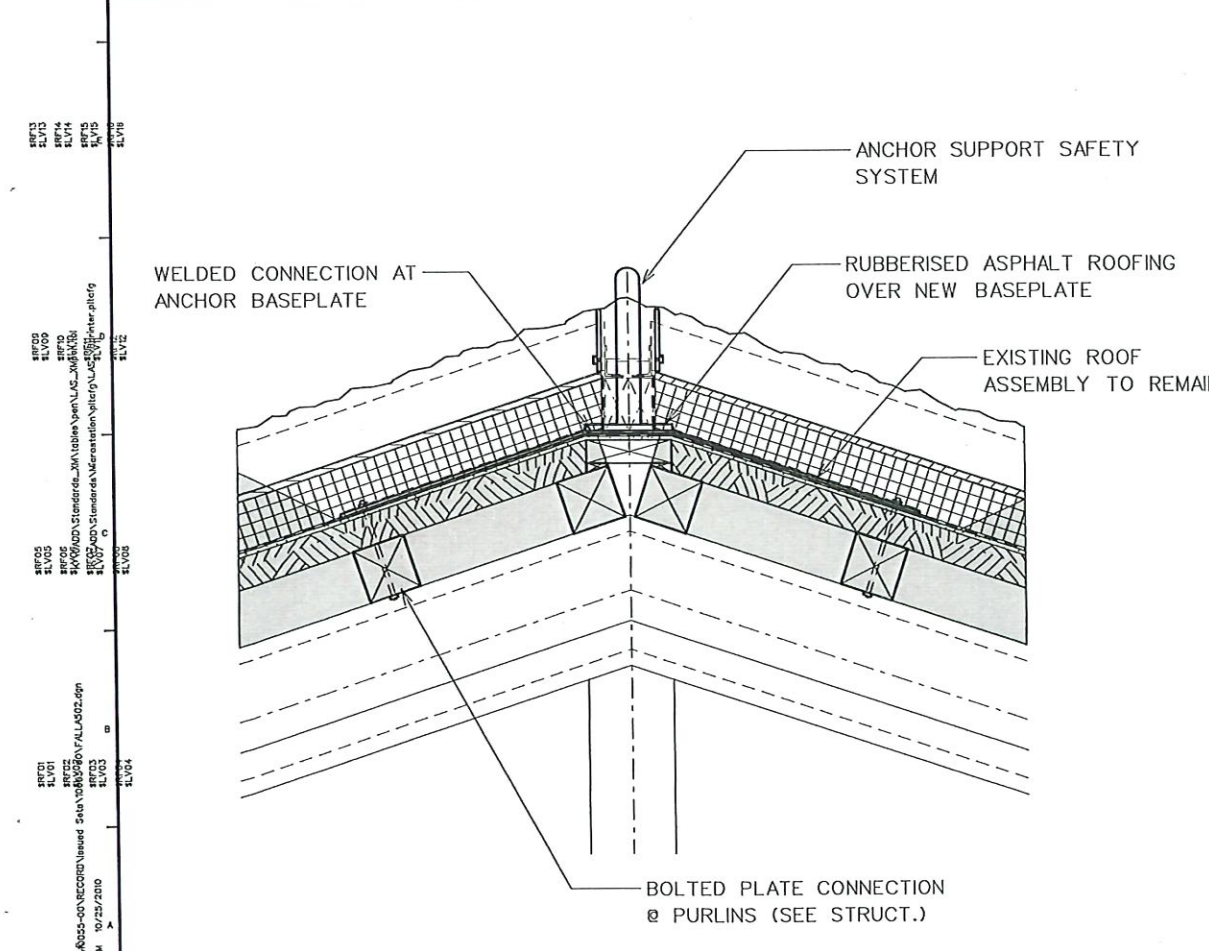
A7 SECTION DETAIL
BLUE PLANET

GENERAL NOTES	
SHEET SPECIFIC NOTES	
KEY PLAN	SEAL
	
JOB NAME GEHC Fall Protection & Green Roof	
LOCATION Gwinnett, GA	
ISSUE DATE 10/25/2010	
JOB NO. 10055-00	
DWG. NO. A501	

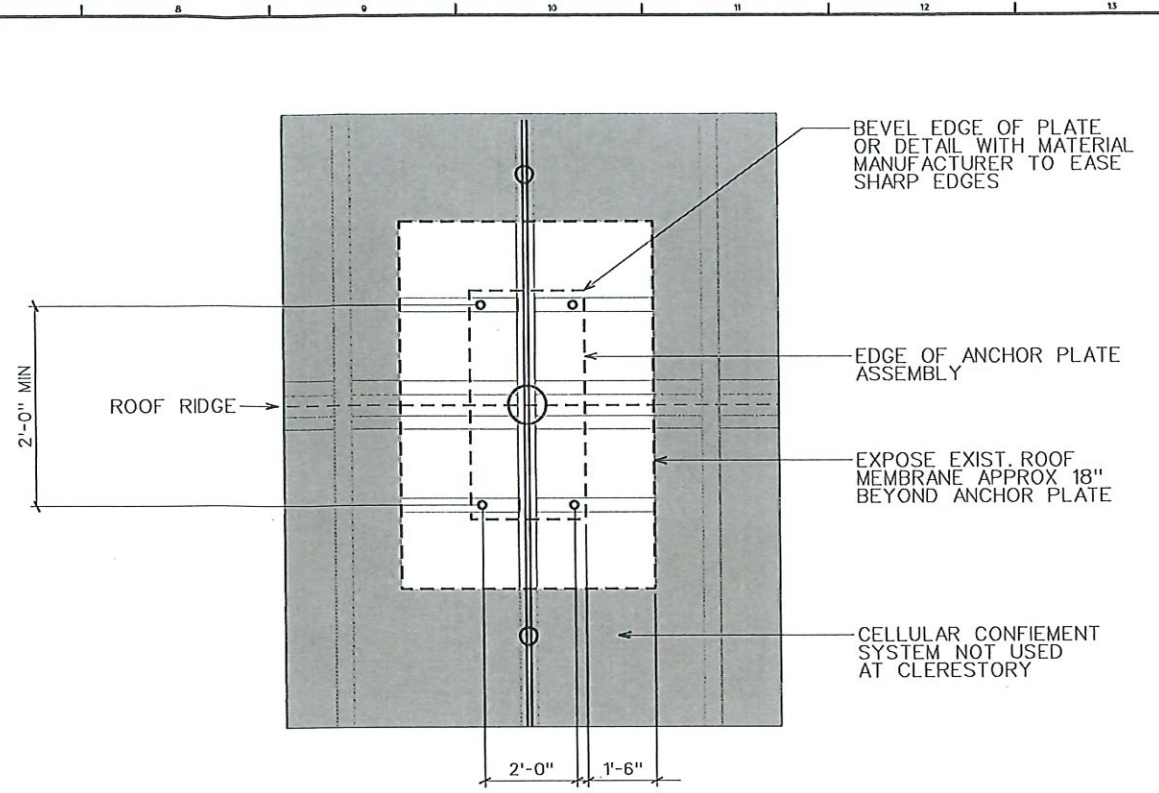
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SHEET TITLE DETAIL SECTION	
SCALE (1/4"=1'-0") 0 1 2 4 FT DRAWN BY	



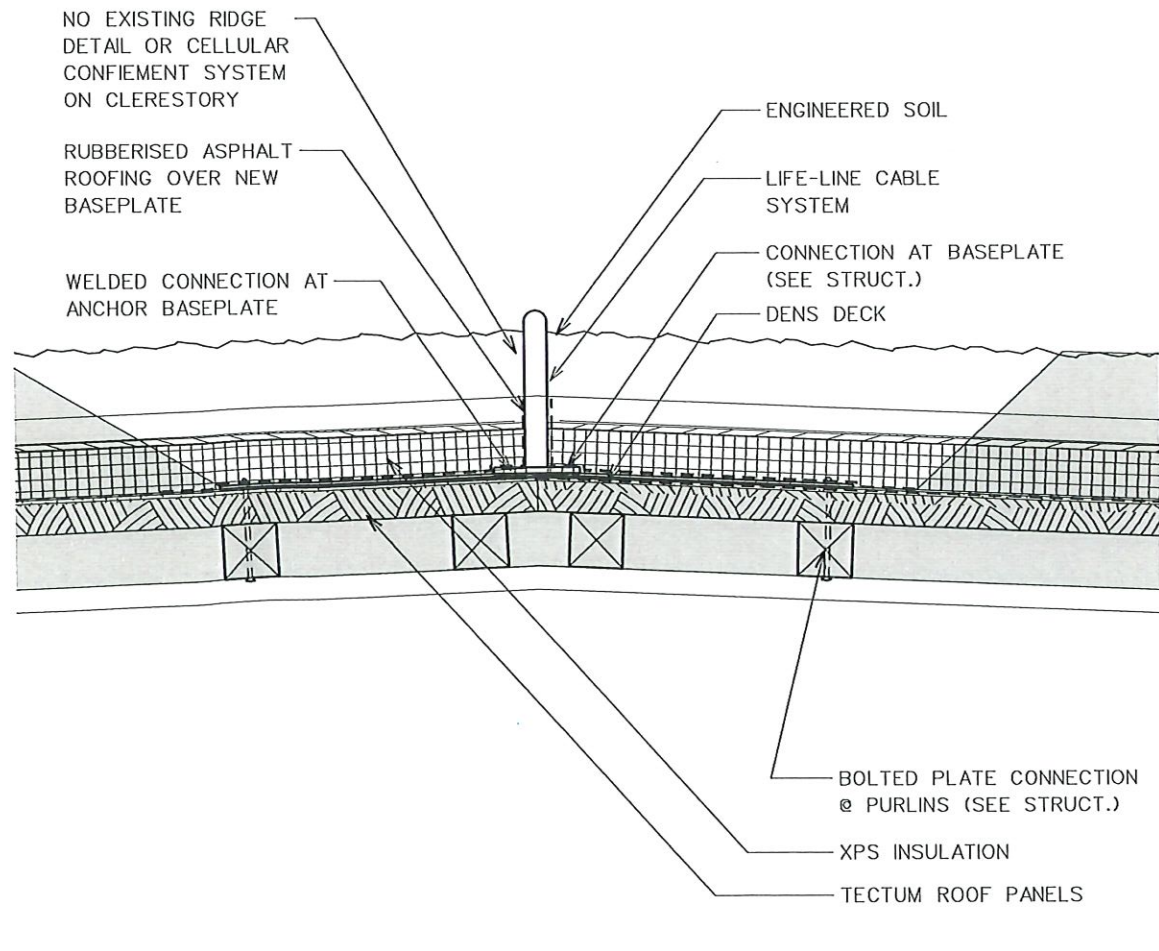
F1 ANCHOR POINT PLAN
RIDGE



A1 SECTION DETAIL
ANCHOR POINT



A8 ANCHOR POINT CONNECTION
CLERESTORY



A8 ANCHOR POINT CONNECTION
CLERESTORY

<p>REVISION</p>	
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<p>SECTION DETAILS</p> <p>SCALE (IN.) 1" = 4'-0"</p>	
<p>GENERAL NOTES</p>	
<p>SHEET SPECIFIC NOTES</p>	
<p>KEY PLAN</p>	<p>SEAL</p> <p>GEORGIA REGISTERED ARCHITECT JERRY H. STARR 006982</p>
<p>JOB NAME GEHC Fall Protection & Green Roof</p> <p>LOCATION Gwinnett, GA</p>	<p>ISSUE DATE 10/25/2010</p> <p>JOB NO. 10055-00</p> <p>DWG. NO. A502</p>

GENERAL NOTES:

1.00 GENERAL

- 1.01 ALL CONSTRUCTION SHALL CONFORM TO THE 2006 INTERNATIONAL BUILDING WITH GEORGIA STATE AMENDMENTS DATED THROUGH 1 JANUARY 2010. REFERENCE TO OTHER STANDARD SPECIFICATIONS OR CODES SHALL MEAN THE LATEST STANDARD OR CODE ADOPTED AND PUBLISHED.
- 1.02 DRAWINGS SHOW TYPICAL AND CERTAIN SPECIFIC CONDITIONS ONLY. FOR DETAILS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS SIMILAR TO THOSE SHOWN.
- 1.03 VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS BEFORE STARTING WORK. NOTIFY STRUCTURAL ENGINEER OF ANY DISCREPANCY.
- 1.04 NOTIFY THE STRUCTURAL ENGINEER IN WRITING OF CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS.
- 1.05 THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. THE STRUCTURAL ELEMENTS ARE NOT STABLE UNTIL THE STRUCTURE IS COMPLETE.
- 1.06 COORDINATE STRUCTURAL CONTRACT DOCUMENTS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL. NOTIFY STRUCTURAL ENGINEER OF ANY CONFLICT AND/OR OMISSION.
- 1.07 COORDINATE AND VERIFY FLOOR AND ROOF OPENING SIZES AND LOCATIONS WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS. FOR ADDITIONAL OPENINGS, INSERTS, SLEEVES, CURBS, PADS, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
- 1.08 THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF DIMENSIONS SHOWN ON THE STRUCTURAL AND ARCHITECTURAL DRAWINGS. NOTIFY STRUCTURAL ENGINEER OF ANY DISCREPANCY BEFORE STARTING SHOP DRAWINGS OR ANY WORK. FOR DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS.
- 1.09 REVIEW OF SHOP DRAWINGS AND OTHER SUBMITTALS BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO THE STRUCTURAL ENGINEER. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. CONTRACTOR IS ALSO RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.
- 1.10 UNLESS NOTED OTHERWISE, TESTING AND INSPECTION SERVICES CALLED FOR SHALL BE PAID BY THE OWNER, AND ARE NOT PART OF THE BASIC DESIGN SERVICES.
- 1.11 SUPERIMPOSED LOADS:

ROOF:	
LIVE LOAD	20 PSF
ROOFING	10 PSF
MECH/ELEC.	10 PSF
GREEN ROOF (W/ L. SOIL & VEGETATION)	35 PSF

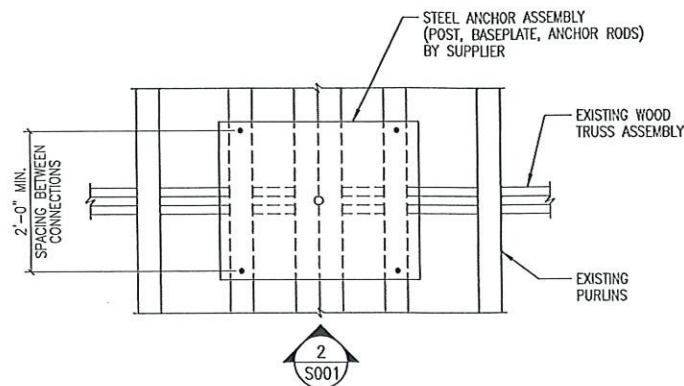
 LOADS FOR PRE-ENGINEERED ROOF ANCHOR SYSTEM:
 LATERAL 5000 LBS

6.00 STRUCTURAL STEEL

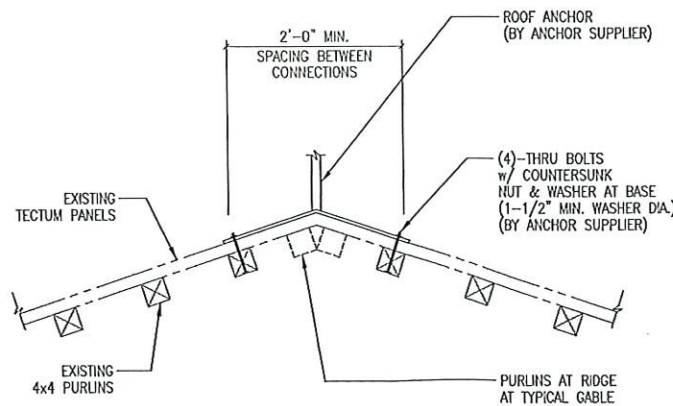
- 6.01 ALL STRUCTURAL STEEL CONSTRUCTION SHALL CONFORM TO THE AISC LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, DATED DECEMBER 1, 1989, AND THE "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", ADOPTED JUNE 10, 1992.
- 6.02 SHOP DRAWINGS PREPARED IN ACCORDANCE WITH THE LATEST "STRUCTURAL STEEL DETAILING MANUAL" OF THE AISC SHALL BE SUBMITTED FOR APPROVAL. NO FABRICATION SHALL BEGIN UNTIL SHOP DRAWINGS ARE COMPLETED AND APPROVED.
- 6.03 UNLESS NOTED OTHERWISE, STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 OR A992, GRADE 50 EXCEPT WIDE FLANGES SHALL CONFORM TO ASTM A992 GRADE 50. ROUND, SQUARE AND RECTANGULAR HSS SECTIONS SHALL CONFORM TO ASTM A500, GRADE B. ROUND PIPES SHALL CONFORM TO ASTM A53, GRADE B.
- 6.04 STEEL FRAMING CONNECTIONS SHALL BE BOLTED OR WELDED.
 - A) BOLTED JOINTS SHALL CONFORM TO AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". BOLTS SHALL CONFORM TO ASTM A325, AND SHALL BE MINIMUM 3/4" DIAMETER, UNLESS NOTED OTHERWISE. BOLTS FOR MOMENT FRAME AND DIAGONAL BRACING CONNECTIONS SHALL BE CONSIDERED SLIP CRITICAL. ALL OTHERS MAY BE CONSIDERED BEARING TYPE UNLESS OTHERWISE NOTED. PROVIDE DIRECT TENSION INDICATORS (LOAD INDICATING WASHERS OR SHAP OFF BOLTS) IN ACCORDANCE WITH ASTM F959 AT ALL HIGH STRENGTH BOLTS.
 - B) WELDS SHALL CONFORM TO THE "STRUCTURAL WELDING CODE" OF THE AMERICAN WELDING SOCIETY, AWS D1.1. USE E70XX ELECTRODES. WELDING PROCESSES AND OPERATORS SHALL BE QUALIFIED IN ACCORDANCE WITH AWS "STANDARD QUALIFICATIONS PROCEDURES". WELDERS SHALL CARRY PROOF OF QUALIFICATIONS ON THEIR PERSONS.
- 6.05 DO NOT USE GAS CUTTING TORCHES FOR CORRECTING FABRICATION ERRORS IN THE STRUCTURAL FRAMING.
- 6.06 PROVIDE A SHOP COAT OF STANDARD PRIMER PAINT. PRIMER TO BE COMPATIBLE WITH FINISH COAT. TOUCH UP AREAS DAMAGED IN HANDLING AND ERECTION WITH THE SAME PAINT USED FOR SHOP COAT. STEEL SURFACES TO BE WELDED OR ENCASED IN CONCRETE OR FIREPROOFING, CONNECTIONS DESIGNATED AS SLIP CRITICAL TYPE, OR SURFACES RECEIVING WELDED SHEAR CONNECTORS IN THE FIELD SHALL NOT BE PAINTED.
- 6.07 STEEL CONSTRUCTION SHALL BE INSPECTED BY A QUALIFIED TESTING AGENCY.
 - A) BOLTED CONNECTIONS SHALL BE INSPECTED IN ACCORDANCE WITH AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS".
 - B) ALL FILLET WELDS SHALL BE VISUALLY INSPECTED.
 - C) ALL PENETRATION WELDS SHALL BE TESTED IN ACCORDANCE WITH ASTM E164.
 - D) WELDING OF HEADED STUD CONCRETE ANCHORS AND DBA'S SHALL BE INSPECTED IN ACCORDANCE WITH AWS D1.1. TEST 15% OF ALL STUDS. RETEST ALL STUDS AND DBA'S ON ANY MEMBER WHOSE STUDS FAILED INITIAL TESTING.
 - E) WRITTEN REPORTS SHALL BE SUBMITTED DESCRIBING ALL INSPECTIONS AND INDICATING ANY NON-CONFORMING WORK.
 - F) RE-INSPECT NON-CONFORMING WORK AFTER IT IS CORRECTED.
- 6.08 PROVIDE TEMPORARY BRACING OF STRUCTURAL FRAMING UNTIL ALL PERMANENT BRACING, MOMENT CONNECTIONS AND FLOOR AND ROOF DECKS (DIAPHRAGMS) ARE COMPLETELY INSTALLED. THE STRUCTURAL ELEMENTS ARE UNSTABLE UNTIL THE STRUCTURE IS COMPLETED IN ACCORDANCE WITH THE PLANS.
- 6.09 UNLESS NOTED OTHERWISE, ALL EXPOSED STRUCTURAL STEEL, PLATES, BOLTS, AND ANCHORS SHALL BE GALVANIZED OR PAINTED WITH APPROVED RUST INHIBITING PRIMER.

10.00 ROUGH CARPENTRY

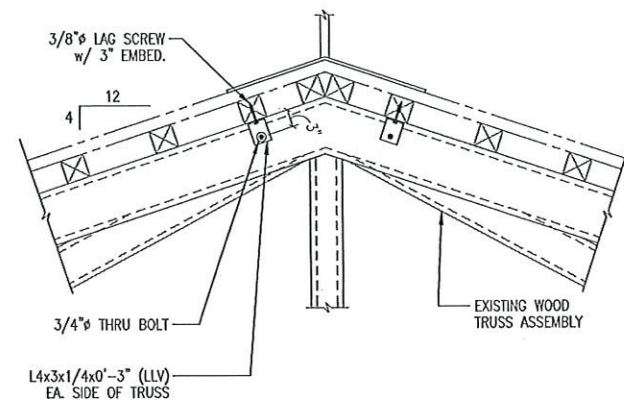
- 10.01 UNLESS NOTED OTHERWISE, ROUGH CARPENTRY SHALL BE SOUTHERN PINE NO. 1.
 - 10.02 UNL.O. NAIL ALL MULTIPLE MEMBERS TOGETHER WITH 16D NAILS AT 12" ON CENTER TOP AND BOTTOM.
 - 10.03 BEAMS MADE OF MULTIPLE 2x MEMBERS SHALL NOT BE SPLICED EXCEPT OVER SUPPORTS.
 - 10.04 ALL EXTERIOR MEMBERS TO BE PRESSURE TREATED.
 - 10.05 UNLESS NOTED OTHERWISE, ATTACH PLYWOOD SHEATHING TO FRAMING AT PANEL EDGES AND AT INTERMEDIATE FRAMING MEMBERS WITH 10d NAILS AT 4".
- ## 11.00 PRE-ENGINEERED SUBMITTALS
- 11.01 SHOP DRAWINGS FOR PRE-ENGINEERED ITEMS (INCLUDING THE ROOF ANCHOR SYSTEM) SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROJECT STATE AND SHALL BE AVAILABLE AT THE JOB SITE DURING TIMES OF INSPECTION.



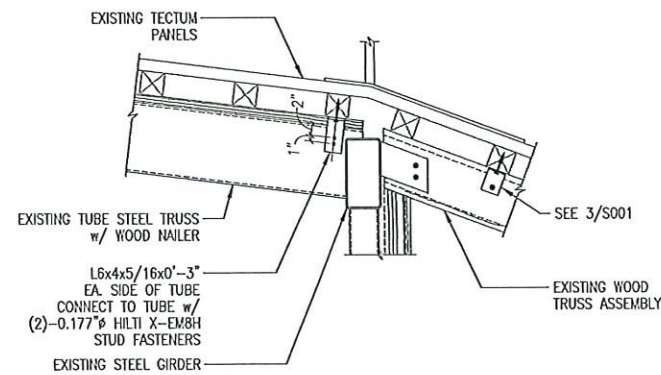
1
S001 PLAN LAYOUT AT ROOF ANCHOR
SCALE: 3/4"=1'-0"



2
S001 PLATE TO PURLIN CONNECTION DETAIL
SCALE: 3/4"=1'-0"



3
S001 PURLIN TO WOOD TRUSS CONNECTION DETAIL
SCALE: 3/4"=1'-0" (AT TYPICAL CONDITIONS)



4
S001 PURLIN TO STEEL TRUSS CONNECTION DETAIL
SCALE: 3/4"=1'-0" (AT BLUE PLANET)

SHEET NOTE:

1. EXISTING PURLIN LOCATIONS TO BE FIELD VERIFIED. FINAL CONNECTION DESIGN TO BE BASED ON ROOF ANCHOR BASE REACTIONS (TO BE PROVIDED BY THE SUPPLIER). SUPPLIER IS TO PROVIDE SIGNED & SEALED SHOP DRAWINGS (BY A GA P.E.) FOR THE ANCHOR DESIGN AND CONNECTION OF ANCHOR TO THE EXISTING ROOF PURLINS.

REVISION

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ARCHITECTURE

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SHEET TITLE
STRUCTURAL GENERAL NOTES
AND DETAILS

SCALE (INCH)
AS INDICATED

DRAWN BY

JOB NAME
GEHC

LOCATION
Fall Protection
Gwinnett, GA

ISSUE DATE

10/25/2010

JOB NO.

10055-00

DWG. NO.

S001

NOT FOR CONSTRUCTION

INSTALLATION CERTIFICATE

Client Name: GEORGIA HERITAGE CENTER

Date: 8 1 3 1 2012

Job name: GEORGIA HERITAGE CENTER

Job #: ESG-00311

Drawings used: GEHC-01 HAN CO

Location: ALANTA GA

The Engineered Horizontal Lifeline System and fall protection anchor points listed below have been installed per manufacturer's instructions and per the design of the Engineered Service Group of Guardian Fall Protection. The installed Horizontal Lifelines may now be used for up to 2 people in fall arrest and 4 people in fall restraint. All Single anchor points may only be used for one person at any time.

of Impact 360(s): 21

of All Posts: 25

of Linked Ceiling: _____

of Impact(s): _____

of Single Swivels: _____

of CB anchors: _____

of Linked Systems: _____

of Linked Wall: _____

of Rigid Hybrid Linked Systems: _____

OSHA 1910.66 (f) "Inspections."

Personal fall arrest systems shall be inspected prior to each use for mildew, wear, damage and other deterioration, and defective components shall be removed from service if their strength or function may be adversely affected.

ANSI/ASSE Z359.1-2007 6.1.1 "Inspections."

Equipment shall be inspected by the user before each use and, additionally, by a competent person other than the user at intervals of no more than one year.

Guardian Fall Protection

Guardian Fall Protection requires that all installed systems be checked by a competent person semi-annually and, additionally, once a year by a Guardian Certified Installer to maintain all written and implied warranties.

Certified by: [Signature]

Date: 8 1 3 1 2012

Contact Name: Tim Spasul

Installer Name: Michael Dorne

Signature: [Signature]

Signature: [Signature]

Company: Metro Waterproofing Inc

Company: Empire Protection & Safety

Attendees: Steve Cannon Steve Cannon

Ron Weitzner Ron Weitzner

Oscar Meza Oscar Meza

Steven Gaurilinc Steven Gaurilinc

William Shaw William Shaw

Jim Torritt Jim Torritt

Jim Torritt Jim Torritt

Jim Torritt Jim Torritt

Jim Torritt Jim Torritt

Jim Torritt Jim Torritt



Guardian Fall Protection • Corporate Headquarters
26609 79th Avenue S • Kent, Washington 98032