COMMONWEALTH OF VIRGINIA

STANDARD CONTRACT

Contract Number: VTS-2989-2026

This contract entered into this 1st day of September 2025 by Esport Supply, LLC hereinafter called the "Contractor" and Commonwealth of Virginia, Virginia Polytechnic Institute and State University called "Virginia Tech."

WITNESSETH that the Contractor and Virginia Tech, in consideration of the mutual covenants, promises and agreements herein contained, agree as follows:

SCOPE OF CONTRACT: The Contractor shall provide Furniture, Fixtures, and Equipment (FF&E) for the War Mememorial Hall eSports Area to Virginia Tech as set forth in the Contract Documents.

PERIOD OF CONTRACT: From Sepmtember 1st, 2025 through August 31st, 2026, with the option of two (2) x two year (2) renewals .

COMPENSATION AND METHOD OF PAYMENT: The Contractor shall be paid by Virginia Tech in accordance with the Contract Documents.

CONTRACT DOCUMENTS: The Contract Documents shall consist of this signed contract, Request for Proposal (RFP) number 443882501 dated June 4, 2025, together with Addendum Number 1 To RFP dated June 11, 2025, Addendum Number 2 To RFP dated June 13, 2025, the proposal submitted by the Contractor dated June 17, 2025 and the negotiation summary, all of which Contract Documents are incorporated herein.

ELECTRONIC TRANSACTIONS: If this paragraph is initialed by both parties, to the fullest extent permitted by Code of Virginia, Title 59.1, Chapter 42.1, the parties do hereby expressly authorize and consent to the use of electronic signatures as an additional method of signing and/or initialing this contract and agree electronic signatures (for example, the delivery of a PDF copy of the signature of either party via facsimile or electronic mail or signing electronically by utilizing an electronic signature service) are the same as manual executed handwritten signatures for the purposes of validity, enforceability and admissibility.

In WITNESS WHEREOF, the parties have caused this Contract to be duly executed intending to be bound thereby.

Contractor Signed by:		Virginia Tech I dan (. Smith
By: Durrek Harter		By:
(Signature)		— LUUUZI VUUNI 1421
Derrek Harter F	Principal	Adam Smith
Name and Title		Associate Director for Capital Construction

RFP



Request for Proposal #443882501

For

FF&E War Memorial Hall eSports Area

6/4/25

Note: This public body does not discriminate against faith-based organizations in accordance with the *Code of Virginia*, § 2.2-4343.1 or against a bidder or offeror because of race, religion, color, sex, sexual orientation, gender identity, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment.

1

RFP #443882501, FF&E War Memorial Hall eSports Area

INCLUDE THIS PAGE WITH YOUR PROPOSAL, SIGNATURE AT SUBMISSION IS REQUIRED

<u>DUE DATE:</u> Proposals will be received until <u>Wednesday, June 18, 2025, at 3:00 PM</u>. Failure to submit proposals to the correct location by the designated date and hour will result in disqualification.

<u>INQUIRIES</u>: All inquiries for information regarding this solicitation should be directed to Deirdre Curry, Phone: (540) 231-4775; e-mail: <u>currydr11@vt.edu</u>. All inquiries will be answered in the form of an addendum. Inquiries must be submitted by <u>5:00 PM on June 9, 2025</u>. Inquiries must be submitted to the procurement officer identified in this solicitation.

<u>PRE-PROPOSAL CONFERENCE</u>: No pre-proposal conference will be held. To request a site visit, please contact Deirdre Curry at <u>currydr11@vt.edu</u>.

PROPOSAL SUBMISSION:

*Please note, proposal submission procedures have changed effective March 2023.

Proposals may NOT be hand delivered to the Procurement Office.

Proposals should be submitted electronically through Virginia Tech's procurement portal. This portal allows you access to view business opportunities and submit bids and proposals to Virginia Tech digitally and securely.

Proposals must be submitted electronically at:

https://bids.sciquest.com/apps/Router/PublicEvent?CustomerOrg=VATech

Vendors will need to register through this procurement portal, hosted by Jaggaer. It is encouraged for all vendors to register prior to the proposal submission deadline to avoid late submissions. Registration is easy and free. If you have any challenges with the registration process, please contact Jaggaer Support at 1-800-233-1121 or procurement@vt.edu.

Click on the opportunity and log in to your vendor account to begin preparing your submission. Upon completion, you will receive a submission receipt email confirmation. Virginia Tech will not confirm receipt of proposals. It is the responsibility of the offeror to make sure their proposal is delivered on time.

Hard copy or email proposals will not be accepted. Late proposals will not be accepted, nor will additional time be granted to any individual Vendor.

Attachments must be smaller than 50MB in order to be received by the University.

In	complian	ce wi	th this	Reques	st For	Propos	al and	to a	ll the	condi	itions i	impose	ed there	ein	and h	herek	Эy
in	corporated	d by i	referen	ce, the	unde	rsigned	offers	and	agre	es to	furnis	h the	goods	or	servi	ces	in
ac	ccordance	with t	he atta	ched sig	gned p	proposal	and as	s mut	ually	agree	d upor	by su	bseque	nt r	negoti	ation	1.

AUTHORIZED SIGNATURE: _	C	Date:

I. PURPOSE:

This Request for Proposal (RFP) seeks to solicit proposals to establish a contract through competitive negotiations by Virginia Polytechnic Institute and State University (Virginia Tech), an agency of the Commonwealth of Virginia.

The Department of Recreational Sports at Virginia Tech is seeking proposals from qualified vendors to provide, deliver, and install esports equipment and furniture for a newly constructed esports space in War Memorial Hall. The project includes the procurement of 1) high-performance gaming computers, gaming peripherals, gaming consoles, displays, and specialized esports furniture; and 2) to provide game license management services, including the acquisition, installation, and configuration of all necessary hardware and software licenses to ensure games are ready for use upon deployment.

Virginia Tech is seeking to contract for the purchase of Furniture, Fixtures & Equipment and game license management services. Proposers may, but are not required to, propose for each service within the RFP Statement of Work. The University will select the best suited provider for each service area.

II. SMALL, WOMAN-OWNED AND MINORITY (SWAM) BUSINESS PARTICIPATION:

The mission of the Virginia Tech supplier opportunity program is to foster inclusion in the university supply chain and accelerate economic growth in our local communities through the engagement and empowerment of high quality and cost competitive small, minority-owned, women-owned, and local suppliers. Virginia Tech encourages prime suppliers, contractors, and service providers to facilitate the participation of small businesses, and businesses owned by women and minorities through partnerships, joint ventures, subcontracts, and other inclusive and innovative relationships.

For more information, please visit: https://www.sbsd.virginia.gov/

III. CONTRACT PERIOD:

The term of this contract is for 1 year(s), or as negotiated. There will be an option for 2, 2-year renewals, or as negotiated.

IV. EVA BUSINESS-TO-GOVERNMENT ELECTRONIC PROCUREMENT SYSTEM:

The eVA Internet electronic procurement solution streamlines and automates government purchasing activities within the Commonwealth of Virginia. Virginia Tech, and other state agencies and institutions, have been directed by the Governor to maximize the use of this system in the procurement of goods and services. We are, therefore, requesting that your firm register as a vendor within the eVA system.

There are transaction fees involved with the use of eVA. These fees must be considered in the provision of quotes, bids and price proposals offered to Virginia Tech. Failure to register within the eVA system may result in the quote, bid or proposal from your firm being rejected and the award made to another vendor who is registered in the eVA system.

Registration in the eVA system is accomplished on-line. Your firm must provide the necessary information. Please visit the eVA website portal at http://www.eva.virginia.gov/pages/eva-registration-buyer-vendor.htm and register both with eVA and Ariba. This process needs to be completed before Virginia Tech can issue your firm a Purchase Order or contract. If your firm conducts business from multiple geographic locations, please register these locations in your initial registration.

3

For registration and technical assistance, reference the eVA website at: https://eva.virginia.gov/, or call 866-289-7367 or 804-371-2525.

V. <u>CONTRACT PARTICIPATION</u>:



It is the intent of this solicitation and resulting contract to allow for cooperative procurement. Accordingly, any public body, public or private health or educational institutions, or Virginia Tech's affiliated corporations and/or partnerships may access any resulting contract if authorized by the contractor.

Participation in this cooperative procurement is strictly voluntary. If authorized by the Contractor, the resultant contract may be extended to the entities indicated above to purchase at contract prices in accordance with contract terms. The Contractor shall notify Virginia Tech in writing of any such entities accessing the contract, if requested. No modification of this contract or execution of a separate contract is required to participate. The Contractor will provide semi-annual usage reports for all entities accessing the Contract, as requested. Participating entities shall place their own orders directly with the Contractor and shall fully and independently administer their use of the contract to include contractual disputes, invoicing and payments without direct administration from Virginia Tech. Virginia Tech shall not be held liable for any costs or damages incurred by any other participating entity as a result of any authorization by the Contractor to extend the contract. It is understood and agreed that Virginia Tech is not responsible for the acts or omissions of any entity, and will not be considered in default of the contract no matter the circumstances.

Use of this contract does not preclude any participating entity from using other contracts or competitive processes as the need may be.

VI. STATEMENT OF NEEDS/SCOPE OF WORK:

A. Installation, Support and Warranty Requirements

Virginia Tech confirms that all networking infrastructure will be in place prior to delivery.

1) Installation

- a. Vendor must deliver, assemble, and install all equipment and furniture on-site.
- b. All packaging and debris must be removed and properly disposed of by the vendor.
- c. Installation must be coordinated with university staff to avoid disruption to facility operations.

2) Support & Warranty

- a. All items should include a manufacturer or vendor warranty; no minimum length is required but must be clearly described in the proposal.
- b. Remote technical support must be included for troubleshooting and assistance related to the gaming PCs and peripherals.

3) Equipment Deliverables

- a. Gaming Computers (36 Total)
 - 1. Each unit must meet or exceed the following specifications:
 - i. Processor: Intel Core Ultra 7
 - ii. Graphics Card: NVIDIA RTX 5070 (or equivalent or better)
 - iii. Memory: 32 GB RAM
 - iv. Storage: 1 TB SSD
 - v. Operating System: Windows 11 Pro
 - vi. Gold Rated Power Supply
 - 2. Gaming Peripherals (36 of each)
 - i. Monitors: 27" minimum, 1080p or higher resolution, 144Hz refresh rate or higher
 - ii. Keyboards: Mechanical or high-performance gaming keyboards
 - iii. Mice: Wired or wireless gaming mice with adjustable DPI
 - iv. Mouse Pads: Gaming-quality surface pads
 - v. Headsets: Over-ear gaming headsets with built-in microphones
 - 3. Gaming Consoles and Displays
 - i. 3x Xbox Series X
 - ii. 3x PlayStation 5
 - iii. 8x 50" or larger 4K UHD TVs
 - iv. 3x Console Gaming Hubs (furniture/supports for 2 console gaming stations)

4. Furniture

- i. 40x Esports Chairs (ergonomic, high-back gaming style)
- ii. 36x Esports Desks (no more than 36" wide; cable management preferred)
- iii. 1x Locker Bay (for player gear storage)
- iv. 3x Soft Seating Couches
- v. 12x Soft Seating Elements (similar in style to Blender Wave soft seating for console gaming stations)
- vi. 6x Soft Seating Ottomans
- vii. 1x Collaboration/Conference Room Table (max dimensions: 96" x 48")
- viii. 1x 2 Person Shoutcaster Station (workstation for streaming/broadcast with monitor/mount space)
- **B.** Game License Management. The selected vendor will be responsible for acquiring and managing digital game licenses for all applicable gaming stations (PC and console). This includes ensuring legal compliance, ease of access for users, and centralized management for administrative efficiency.

Requirements:

- 1) License Procurement: Vendor must assist in the purchase and installation of licenses for commonly played competitive and casual esports titles across PC, Xbox, and PlayStation platforms. Titles may include (but are not limited to):
 - a. Valorant
 - b. League of Legends
 - c. Rocket League
 - d. Overwatch 2
 - e. Fortnite
 - f. Apex Legends

- g. Call of Duty
- h. FIFA
- i. NBA 2K
- j. Super Smash Bros
- 2) PC Game Platforms: Vendor must support management through centralized platforms such as Steam, Epic Games Store, Riot Client, Battle.net, etc
- **3) Console Games**: Games should be digitally licensed and installed on the Xbox Series X and PlayStation 5 consoles using shared or institutional accounts where allowed.

4) Account and Access Management:

- a. Provide centralized or scalable solutions for managing user access (e.g., shared university-owned accounts, game library access across all stations).
- b. Ensure licensing complies with publisher Terms of Service, including for public/multi-user environments.
- **5) Maintenance & Updates**: Vendor must ensure all game licenses are installed, activated, and regularly updated as part of system setup.
- **6) Documentation**: Vendor must provide a list of all games licensed and installed, license type (individual, bulk, or institutional), and associated account credentials or login instructions.
- 7) Cost Transparency: Vendors should include all anticipated license-related costs in their pricing proposal, including one-time purchase fees and any recurring subscriptions.

VII. PROPOSAL PREPARATION AND SUBMISSION:

A. Specific Requirements

Proposals should be as thorough and detailed as possible so that Virginia Tech may properly evaluate your capabilities to provide the required goods or services. Offerors are required to submit the following information/items as a complete proposal:

- 1. Describe your experience providing eSport related equipment.
- 2. Describe your experience providing license management services.
- 3. Provide a project schedule inclusive of lead times.
- 4. Provide a detailed cost proposal.
- 5. Participation of Small, Women-owned and Minority-owned Business (SWAM) Business:

If your business cannot be classified as SWaM, describe your plan for utilizing SWaM subcontractors if awarded a contract. Describe your ability to provide reporting on SWaM subcontracting spend when requested. If your firm or any business that you plan to subcontract with can be classified as SWaM, but has not been certified by the Virginia Department of Small Business and Supplier Diversity (SBSD), it is expected that the certification process will be initiated no later than the time of the award. If your firm is currently certified, you agree to maintain your certification for the life of the contract. For assistance with SWaM certification, visit the SBSD website at http://www.sbsd.virginia.gov/

6. The return of the Submission Instruction page and addenda, if any, signed and filled out as required.

B. <u>General Requirements</u>

- 1. RFP Response: In order to be considered for selection, Offerors shall submit a complete response to this RFP to include;
 - a. **One (1) electronic document** in WORD format or searchable PDF of the entire proposal <u>as one document</u>, INCLUDING ALL ATTACHMENTS must be uploaded through the Virginia Tech online submission portal. Refer to page 2 for instructions.

Any proprietary information should be clearly marked in accordance with 2.d. below.

b. Should the proposal contain proprietary information, provide one (1) redacted electronic copy of the proposal and attachments with proprietary portions removed or blacked out. This redacted copy should follow the same upload procedures as described on Page 1 of this RFP. This redacted copy should be clearly marked "Redacted Copy" within the name of the document. The classification of an entire proposal document, line item prices and/or total proposal prices as proprietary or trade secrets is not acceptable. Virginia Tech shall not be responsible for the Contractor's failure to exclude proprietary information from this redacted copy.

No other distribution of the proposals shall be made by the Offeror.

2. Proposal Preparation:

- a. Proposals shall be signed by an authorized representative of the Offeror. All information requested should be submitted. Failure to submit all information requested may result in Virginia Tech requiring prompt submission of missing information and/or giving a lowered evaluation of the proposal. Proposals which are substantially incomplete or lack key information may be rejected by Virginia Tech at its discretion. Mandatory requirements are those required by law or regulation or are such that they cannot be waived and are not subject to negotiation.
- b. Proposals should be prepared simply and economically providing a straightforward, concise description of capabilities to satisfy the requirements of the RFP. Emphasis should be on completeness and clarity of content.
- c. Proposals should be organized in the order in which the requirements are presented in the RFP. All pages of the proposal should be numbered. Each paragraph in the proposal should reference the paragraph number of the corresponding section of the RFP. It is also helpful to cite the paragraph number, subletter, and repeat the text of the requirement as it appears in the RFP. If a response covers more than one page, the paragraph number and subletter should be repeated at the top of the next page. The proposal should contain a table of contents which cross references the RFP requirements. Information which the offeror desires to present that does not fall within any of the requirements of the RFP should be inserted at an appropriate place or be attached at the end of the proposal and designated as additional material. Proposals that are not organized in this manner risk elimination from consideration if the evaluators are unable to find where the RFP requirements are specifically addressed.
- d. Ownership of all data, material and documentation originated and prepared for Virginia Tech pursuant to the RFP shall belong exclusively to Virginia Tech and be subject to

public inspection in accordance with the Virginia Freedom of Information Act. Trade secrets or proprietary information submitted by an Offeror shall not be subject to public disclosure under the Virginia Freedom of Information Act. However, to prevent disclosure the Offeror must invoke the protections of Section 2.2-4342F of the Code of Virginia, in writing, either before or at the time the data or other materials is submitted. The written request must specifically identify the data or other materials to be protected and state the reasons why protection is necessary. –The proprietary or trade secret material submitted must be identified by some distinct method such as highlighting or underlining and must indicate only the specific words, figures, or paragraphs that constitute trade secret or proprietary information. The classification of an entire proposal document, line item prices and/or total proposal prices as proprietary or trade secrets is not acceptable and may result in rejection of the proposal.

3. Oral Presentation: Offerors who submit a proposal in response to this RFP may be required to give an oral presentation of their proposal to Virginia Tech.—This will provide an opportunity for the Offeror to clarify or elaborate on the proposal but will in no way change the original proposal. Virginia Tech will schedule the time and location of these presentations. Oral presentations are an option of Virginia Tech and may not be conducted. Therefore, proposals should be complete.

VIII. SELECTION CRITERIA AND AWARD:

A. Selection Criteria

Proposals will be evaluated by Virginia Tech using the following:

<u>Criteria</u>	Maximum Point <u>Value</u>
Quality of products/services offered and suitability for the intended purposes	25
Qualifications and experiences of Offeror in providing the goods/services	25
Specific plans or methodology to be used to provide the Services	25
4. Cost (or Price)	15
5. Participation of Small, Women-Owned and Minority (SWAM) Business	10
Tota	al 100

B. Award

Selection shall be made of two or more offerors deemed to be fully qualified and best suited among those submitting proposals on the basis of the evaluation factors included in the Request for Proposal, including price, if so stated in the Request for Proposal. Negotiations shall then be conducted with the offerors so selected. Price shall be considered, but need not be the sole determining factor. After negotiations have been conducted with each offeror so selected, Virginia Tech shall select the offeror which, in its opinion, has made the best proposal, and shall award the contract to that offeror. Virginia Tech may cancel this Request for Proposal or reject proposals at any time prior to an award. Should Virginia Tech determine in writing and in its

8

sole discretion that only one offeror has made the best proposal, a contract may be negotiated and awarded to that offeror. The award document will be a contract incorporating by reference all the requirements, terms and conditions of this solicitation and the Contractor's proposal as negotiated.

Virginia Tech reserves the right to award multiple contracts as a result of this solicitation.

IX. INVOICES:

Invoices for goods or services provided under any contract resulting from this solicitation shall be submitted by email to vtinvoices@vt.edu or by mail to:

Virginia Polytechnic Institute and State University (Virginia Tech) Accounts Payable North End Center, Suite 3300 300 Turner Street NW Blacksburg, Virginia 24061

X. METHOD OF PAYMENT:

Virginia Tech will authorize payment to the contractor as negotiated in any resulting contract from the aforementioned Request for Proposal.

Payment can be expedited through the use of the Wells One AP Control Payment System. Virginia Tech strongly encourages participation in this program. For more information on this program please refer to Virginia Tech's Procurement website:

http://www.procurement.vt.edu/vendor/wellsone.html

or contact the procurement officer identified in the RFP.

XI. ADDENDUM:

Any <u>ADDENDUM</u> issued for this solicitation may be accessed at https://bids.sciquest.com/apps/Router/PublicEvent?CustomerOrg=VATech. Since a paper copy of the addendum will not be mailed to you, we encourage you to check the web site regularly.

XII. COMMUNICATIONS:

Communications regarding this solicitation shall be formal from the date of issue, until either a Contractor has been selected or the Procurement Department rejects all proposals. Formal communications will be directed to the procurement officer listed on this solicitation. Informal communications, including but not limited to request for information, comments or speculations regarding this solicitation to any University employee other than a Procurement Department representative may result in the offending Offeror's proposal being rejected.

XIII. CONTROLLING VERSION OF SOLICITATION:

The posted version of the solicitation and any addenda issued by Virginia Tech Procurement Services is the mandatory controlling version of the document. Any modification of/or additions to the solicitation by the Offeror shall not modify the official version of the solicitation issued by Virginia Tech Procurement Services. Such modifications or additions to the solicitation by the Offeror may be cause for rejection of the proposal; however, Virginia Tech reserves the right to decide, on a case by case basis, in its sole discretion, whether to reject such a proposal.

9

XIV. TERMS AND CONDITIONS:

This solicitation and any resulting contract/purchase order shall be governed by the attached terms and conditions, see Attachment A.

XV. CONTRACT ADMINISTRATION:

- A. Kyle LeDuc, Associate Director of Operations, Recreational Sports, at Virginia Tech or their designee, shall be identified as the Contract Administrator and shall use all powers under the contract to enforce its faithful performance.
- B. The Contract Administrator, or their designee, shall determine the amount, quantity, acceptability, fitness of all aspects of the services and shall decide all other questions in connection with the services. The Contract Administrator, or their designee, shall not have authority to approve changes in the services which alter the concept or which call for an extension of time for this contract. Any modifications made must be authorized by the Virginia Tech Procurement Department through a written amendment to the contract.

XVI. ATTACHMENTS:

Attachment A - Terms and Conditions

Attachment B - Renovations for the War Memorial Hall eSports (95% Drawings) - Dated August 14th. 2024

ATTACHMENT A

TERMS AND CONDITIONS

RFP GENERAL TERMS AND CONDITIONS

See:

https://www.procurement.vt.edu/content/dam/procurement vt edu/docs/terms/GTC RFP 02182022.pdf

ADDITIONAL TERMS AND CONDITIONS

- 1. ADDITIONAL GOODS AND SERVICES: The University may acquire other goods or services that the supplier provides other than those specifically solicited. The University reserves the right, subject to mutual agreement, for the Contractor to provide additional goods and/or services under the same pricing, terms and conditions and to make modifications or enhancements to the existing goods and services. Such additional goods and services may include other products, components, accessories, subsystems, or related services newly introduced during the term of the Agreement.
- 2. AUDIT: The Contractor hereby agrees to retain all books, records, and other documents relative to this contract for five (5) years after final payment, or until audited by the Commonwealth of Virginia, whichever is sooner. Virginia Tech, its authorized agents, and/or the State auditors shall have full access and the right to examine any of said materials during said period.
- 3. AVAILABILITY OF FUNDS: It is understood and agreed between the parties herein that Virginia Tech shall be bound hereunder only to the extent of the funds available or which may hereafter become available for the purpose of this agreement.
- 4. CANCELLATION OF CONTRACT: Virginia Tech reserves the right to cancel and terminate any resulting contract, in part or in whole, without penalty, upon 60 days written notice to the Contractor. In the event the initial contract period is for more than 12 months, the resulting contract may be terminated by either party, without penalty, after the initial 12 months of the contract period upon 60 days written notice to the other party. Any contract cancellation notice shall not relieve the Contractor of the obligation to deliver and/or perform on all outstanding orders issued prior to the effective date of cancellation.
- 5. CONTRACT DOCUMENTS: The contract entered into by the parties shall consist of the Request for Proposal including all modifications thereof, the proposal submitted by the Contractor, the written results of negotiations, the Commonwealth Standard Contract Form, all of which shall be referred to collectively as the Contract Documents.
- 6. IDENTIFICATION OF PROPOSAL: Virginia Tech will only be accepting electronic submission of proposals. All submissions must be submitted to the Virginia Tech online submission portal. Upon completion you will be directed to your Submission Receipt. Virginia Tech will not confirm receipt of proposals. It is the responsibility of the offeror to make sure their proposal is delivered on time. Attachments must be smaller than 50MB in order to be received by the University. Proposals may NOT be hand delivered to the Procurement Office.
- **7. NOTICES**: Any notices to be given by either party to the other pursuant to any contract resulting from this solicitation shall be in writing via email.
- 8. **SEVERAL LIABILITY:** Virginia Tech will be severally liable to the extent of its purchases made against any contract resulting from this solicitation. Applicable entities described herein will be severally liable to the extent of their purchases made against any contract resulting from this solicitation.

- 9. CLOUD OR WEB HOSTED SOFTWARE SOLUTIONS: For agreements involving Cloud-based Web-hosted software/applications refer to link for additional terms and conditions: https://www.procurement.vt.edu/content/dam/procurement-vt-edu/itprocurement/Data Security FER-PA-Addendum 2024.docx.
- 10. ADVERTISING: In the event a contract is awarded for supplies, equipment, or services resulting from this solicitation, no indication of such sales or services to Virginia Tech will be used in product literature or advertising. The contractor shall not state in any of the advertising or product literature that the Commonwealth of Virginia or any agency or institution of the Commonwealth has purchased or uses its products or services.
- 11. CRIMINAL CONVICTION CHECKS: All criminal conviction checks must be concluded before the Contractor's employees gaining access to the Virginia Tech Campus. Employees who have separated employment from Contractor shall undergo another background check before re-gaining access to the Virginia Tech campus. Contractor shall ensure subcontractors conduct similar background checks. All criminal conviction checks will normally include a review of the individual's records to include Social Security Number Search, Credit Report (if related to potential job duties), Criminal Records Search (any misdemeanor convictions and/or felony convictions are reported) in all states in which the employee has lived or worked over the past seven years, and the National Sex Offender Registry. In addition, the Global Watch list (maintained by the Office of Foreign Assets Control of The US Department of Treasury) should be reviewed. Virginia Tech reserves the right to audit a contractor's background check process at any time. All employees must self-disclose any criminal conviction(s) occurring while assigned to the Virginia Tech campus. Such disclosure shall be made to Contractor, which in turn shall notify the designated Virginia Tech contract administrator within 5 days. If, any time during the term of the contract, Virginia Tech discovers an employee has a conviction which raises concerns about university buildings, property, systems, or security, the contractor shall remove that employee's access to the Virginia Tech campus, unless Virginia Tech consents to such access in writing. Failure to comply with the terms of this provision may result in the termination of the contract.
 - a. The University has an awarded contract with a service provider for criminal conviction screening and background checks. The University prefers this vendor be utilized by the Contractor to comply with the contractual obligations and University Policy 4060.
 - b. If Contractor chooses to utilize a different firm than the university's preferred provider, the Contractor's selected service provider shall be pre-approved by the Virginia Tech Police department as an acceptable service provider for criminal conviction and background checks to ensure that firm's service levels meet the requirements of University Policy 4060.
 - c. If a Contractor chooses to utilize a different firm than the university's preferred provider, a five-day hold will be required before placement of employees deemed by the Contractor to meet all of the requirements of the University including a clean background check. Contractor shall provide the University with the name, date of birth and the last four digits of the social security number of all individual(s) to be placed in a temporary position under this contract. The University reserves the right to conduct its own background check process during this hold period.
- **12. DELIVERY NOTIFICATION**: Virginia Tech shall be notified hours prior to delivery of any items so that personnel may be available to allow access to the building and verify items received. Notification shall be made to:

Name phone

13. DELIVERY POINT: Except when otherwise specified herein, all items shall be F.O.B. delivered any point within the Commonwealth of Virginia as directed by ordering department, institution or agency of

the Commonwealth or Public bodies of the Commonwealth as defined in Section 2.2-4301 of the Virginia Public Procurement Act.

- 14. ELECTRICAL INSTALLATION: All equipment/material shall—conform to the latest issue of all applicable standards as established by National Electrical Manufacturer's Association (NEMA), American National Standards Institute (ANSI), and Underwriters' Laboratories, Incorporated (UL) or other Nationally Recognized Testing Laboratories (NRTL) currently listed with the US Department of Labor. All equipment and material, for which there are NEMA, ANSI, UL or other NRTL standards and listings, shall-bear the appropriate label of approval for use intended.
- **15. EXTRA CHARGES NOT ALLOWED**: The Proposal/Bid price shall be for complete installation ready for Virginia Tech use, and shall include all applicable freight and installation charges; extra charges will not be allowed.
- **16. INSTALLATION**: All items must be assembled and set in place, ready for use. All crating and other debris must be removed from the premises.
- 17. **FINAL INSPECTION**: At the conclusion of the work, the contractor shall demonstrate to the authorized owner's representatives that the work is fully operational and in compliance with contract specifications and codes. Any deficiencies shall be promptly and permanently corrected by the contractor at the contractor's sole expense prior to final acceptance of the work.
- **18. INSPECTION OF JOB SITE**: My signature on this solicitation constitutes certification that I have inspected the job site and am aware of the conditions under which the work must be accomplished. Claims, as a result of failure to inspect the job site, will not be considered by Virginia Tech.

19. INSURANCE:

By signing and submitting a Proposal/Bid under this solicitation, the offeror/bidder certifies that if awarded the contract, it will have the following insurance coverages at the time the work commences. Additionally, it will maintain these during the entire term of the contract and that all insurance coverages will be provided by insurance companies authorized to sell insurance in Virginia by the Virginia State Corporation Commission.

During the period of the contract, Virginia Tech reserves the right to require the contractor to furnish certificates of insurance for the coverage required.

INSURANCE COVERAGES AND LIMITS REQUIRED:

- A. Worker's Compensation Statutory requirements and benefits.
- B. Employers Liability \$100,000.00
- C. General Liability \$2,000,000.00 combined single limit. Virginia Tech and the Commonwealth of Virginia shall be named as an additional insured with respect to goods/services being procured. This coverage is to include Premises/Operations Liability, Products and Completed Operations Coverage, Independent Contractor's Liability, Owner's and Contractor's Protective Liability and Personal Injury Liability.
- D. Automobile Liability \$500,000.00
- E. Builders Risk For all renovation and new construction projects under \$100,000 Virginia Tech will provide All Risk Builders Risk Insurance. For all renovation contracts, and new construction from \$100,000 up to \$500,000 the contractor will be required to provide All Risk Builders Risk Insurance in the amount of the contract and name Virginia Tech as additional insured. All insurance verifications of insurance will be through a valid insurance certificate.
- F. The contractor agrees to be responsible for, indemnify, defend and hold harmless Virginia Tech, its officers, agents and employees from the payment of all sums of money by reason of any claim against them arising out of any and all occurrences resulting in bodily or mental injury or property damage that may happen to occur in connection with and during the performance of the contract,

<u>including but not limited to claims under the Worker's Compensation Act.</u> The contractor agrees that it will, at all times, after the completion of the work, be responsible for, indemnify, defend and hold harmless Virginia Tech, its officers, agents and employees from all liabilities resulting from bodily or mental injury or property damage directly or indirectly arising out of the performance or nonperformance of the contract.

- **20. PROPOSAL ACCEPTANCE PERIOD**: Any Proposal received in response to this solicitation shall be valid for (120) days. At the end of the (120) days the Proposal may be withdrawn at the written request of the offeror. If the Proposal is not withdrawn at that time it remains in effect until an award is made or the solicitation is cancelled.
- 21. SAFETY: The contractor bears sole responsibility for the safety of its employees. The contractor shall take all steps necessary to establish, administer, and enforce safety rules that meet the regulatory requirements of the Virginia Department of Labor and Industry (VDLI) and the Occupational Safety and Health Administration (OSHA). The contractor shall take steps as necessary to protect the safety and health of university employees, students, and visitors during the performance of their work. In addition, the contractor must also provide the university with a written safety program that it intends to follow in pursuing work under this contract. By entering into a contract with Virginia Tech, the contractor and its subcontractors agree to abide by the requirements described in Safety Requirements for Contractors and Subcontractors located on Virginia Tech's Environmental, Health and Safety Services (EHSS) web site at this URL https://ehs.vt.edu/programs/occupational-safety/contractor-safety.html. A copy of the publication may also be obtained by contacting EHS at 540/231- 5985. No work under this contract will be permitted until the university is assured that the contractor has an adequate safety program in effect.
- 22. SIDEWALK POLICY: Driving on sidewalks is allowed when there is no other way to get a needed vehicle to a designated place or building on campus. The vehicle operator shall be made aware that extreme caution shall be used to operate the vehicle in a way that will not be a hazard or hindrance to pedestrians using the walk. The contractor shall be responsible for any damage to turf and anything that is located adjacent to the walk. Parking an unattended vehicle on a sidewalk is strictly prohibited by State Law. The contractor is allowed to park a vehicle on a sidewalk if there is no other way to perform necessary work. The procedure to obtain a permit to operate a vehicle on sidewalks is the same as for the turf as outlined in Turf Policy. Any vehicle parked illegally on sidewalks shall be subject to ticketing, fines and towing if necessary.
- 23. SUBCONTRACTS: No portion of the work shall be subcontracted without prior written consent of Virginia Tech. In the event that the contractor desires to subcontract some part of the work specified herein, the contractor shall furnish Virginia Tech the names, qualifications and experience of their proposed subcontractors. The contractor shall, however, remain fully liable and responsible for the work to be done by his subcontractor(s) and shall assure compliance with all requirements of the contract.
- **TURF POLICY:** Parking or driving on campus turf or sidewalk is strictly prohibited, except as specifically directed or otherwise allowed by the Physical Plant Grounds Department. In this case, a turf permit must be obtained from Virginia Tech Parking Services and displayed by the vehicle. Turf parking is not allowed under the canopy of any tree on campus. Any vehicle parked illegally on turf or sidewalks shall be subject to ticketing and fines.
- 25. WARRANTY (COMMERCIAL): The contractor agrees that the supplies or services furnished under any award resulting from this solicitation shall be covered by the most favorable commercial warranties the contractor gives any customer for such supplies or services and that the rights and remedies provided therein are in addition to and do not limit those available to Virginia Tech by any other clause of this solicitation. A copy of this warranty must be furnished with the Proposal/Bid.

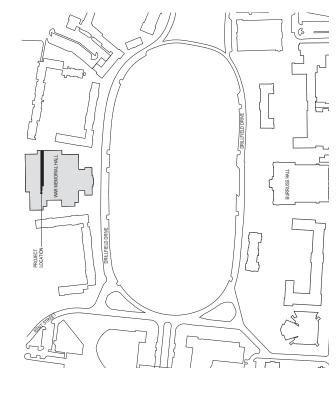
- **26. WORK SITE DAMAGES**: Any damage to existing utilities, equipment or finished surfaces resulting from the performance of this contract shall be repaired to the Owner's satisfaction at the contractor's expense.
- or modified taxes, duties, tariffs or equivalent measures imposed by any U.S. or foreign government authority that are applicable to the Contractor's offerings, including any materials, equipment, hardware, software or service components contained therein, the Contractor shall produce sufficient evidence demonstrating: (i) the unit price paid by contractor as of the date of contract award or date of Purchase Order issuance (whichever comes earlier) for the good or raw material used to furnish the goods to the University under this Agreement, (ii) the applicability of the tariff to the specific good or raw material being impacted, and (iii) contractor's payment of the increased import duty or tariff (either directly or through an increase to the cost paid for the good or raw material). The evidence submitted shall be sufficient in detail and content to allow the University to verify that the tariff is the cause of the price change. The Contractor shall make every effort possible to notify the University before any such taxes, duties, tariffs, or equivalent measures impact the goods or services being provided. If the impact of any such increase is material in nature, the University at its sole discretion may cancel the order with no penalties or cancelation fees.

WirginiaTech RENOVATIONS FOR THE

WAR MEMORIAL HALL **ESPORTS**

370 DRILLFIELD DRIVE BLACKSBURG, VIRGINIA

MEP ENGINEERING: LAWRENCE PERRY AND ASSOCIATES	15 E. SALEMAVE SE, SUITE 101 ROANOKE, VA 24011 DHONE JAM 347.1816
ARCHITECT: TKA ARCHITECTS	300 CHURCH STREET BLACKSBURG, VA 24060 BHONEL (AM 051 A005
OWNER: VIRGINIA TECH	230 STERRETT DRIVE BLACKSBURG, W 24061 DHONE /54m 23,14733



Attachment B

INDEX TO DRAWINGS:

- An SECOPE CAPE CAPE CAPE OF CA
- M0 LEGEND, NOTES, SCHEDULES, AND DETALS HVAC M1 SPECIFICATIONS HWAC M2 PARTIAL THER DELOOR NEW WORK PLAN EDUTWOR M3 PARTIAL THERD FLOOR NEW WORK PLAN PIPING

- SP1 PARTIAL THIRD WORK PLANS SPRINKLER
- EDI MKTIAL THEO FLOOR DEMOLTION PLAN LUHTING
 EDI KARTIAL THEO FLOOR DEMOLTION PLAN LUHTING
 ELE ELETINGLI, LEEGON DAN DEMEN WATANN
 ELETINGLI, LEEGON DAN DEMEN WATANN
 ELETINGLI, GENERAL MOTES SOFELLIES AND DE-BLAS
 ELETINGLI, GENERAL MOVES AND LOHTING
 ELETINGLI, GENERAL MOVES AND LOHTING
 ELETINGLI, GENERAL MOVES AND FER ALARI
 ELETINGLI, GENERAL MOVES AND FONDER
 EN MATINAL ELECTINGLI AND AREA FONDER
 ELETINGLI AND MOSE RABE FONDER
 ELETINGLI AND

ABBREVIATIONS:

YDDKEV					
4FF OR A.F.F.	ABOVE FINISH FLOOR	EXIST	EXISTING	ò	OVER
ALUM	ALUMINUM	EX	EXTERIOR	O.C. OROC	ON CENTER
WA.	AMERICAN PLYWOOD ASSOCIATION	8	FLOOR DRAIN	OFG	OWNER FURNISHED
APPROX.	APPROXIMATE	Ħ	FINISH FLOOR BLEVATION		CONTRACTOR INSTALLED
ASC	ACOUSTICAL SUSPENDED CELLING	B	EQUAL	8	OVERALL
ARCH.	ARCHITECTURAL.	FIN.	FINISH	OPMG.	OPENING
BD.	BOARD	ď	FLOOR	.ZO	OUNCE
BLDG	BUILDING	6	FACE OF	Я	PLATE
BM	BEAM or BENCH MARK	Ħ	FOOT or FEET	PA	PROPERTYLINE
BOT.	ВОТТОМ	FTG.	FOOTING	PLYWD.	PLYWOOD
BRG.	BEARING	8	GAGE	PML	PANEL
BTWN	BETWEEN	æ	GRADE	PLAM	PLASTIC LAMINATE
CAB	CABINET	GWB	GYPSUM WALLBOARD	Ы	PRESSURE TREATED
3	CONTROLJOINT	GYP.	GYPSUM	RAD.	RADIUS
CLG.	CELING	HM OR HM.	HOLLOW METAL	RB.	REFRIGERATOR
CT	CERAMIC TILE	HORIZ	HORIZONTAL	REIN.	RBINFORCE
000	CLOSET	Ħ	HEIGHT	REGD	REQUIRED
0.0	CLEANOUT	HTR	HEATER	REV.	REVERSED
CMU	CONCRETE MASONRY UNIT	Z.	INCH	RM	ROOM
00	COLUMN	INSUL	INSULATION	RW	RIGHT OF WAY
CONC	CONCRETE	INT	INTERIOR	oj.	SOUTH
CONST	CONSTRUCTION	JCI	JUNCTION	SIM	SMILAR
CONT.	CONTINUE	Ħ	JOINT	SPEC	SPECIFICATION
CONTR	CONTRACTOR	9	POUND	g	SQUARE
CPT.	CARPET	9	LENGTHorLONG	STD.	STANDARD
CTR	CENTER	∃	LINE LOAD	STRUCT.	STRUCTURAL
Ø, DIA.	DIAMETER	A)	LONG LEG VERTICAL	STL	STEEL
DIM	DIMENSION	MATL	MATERIAL	TAG	TONGUE & GROOVE
Ы	DEADLOAD	MAX.	MAXIMUM	TO	TOP OF
DN.	DOWN	MECH.	MECHANICAL	TS	TUBULAR STEEL
.SO	DOWNSPOUT	MFR.	MANUFACTURER	INP. OR TYP	TYPICAL.
DT.	DETAIL	MR	MOISTURE RESISTANT	Ħ	UNDERWRITERS LABORATORY
D.W.	DISHWASHER	WW	MICRO WAVE	NB NB	VAPOR BARRER
DWG.	DRAMING	MIN.	MINIMUM	VERT.	VERTICAL
шi	EAST	MISC.	MISCELLANEOUS	VCT	VINYLCOMPOSITION TILE
æ	EACH	MMTG.	MOUNTING	×.	WEST
BIFS	EXTERIOR INSULATION	Z	NORTH	////	WITH
	FINISH SYSTEM	NIC	NOT IN CONTRACT	WH	WATERHEATER
3	EXPANSION JOINT	NO.	NUMBER	WD	WOOD
ELEC.	ELECTRICAL	NTS	NOT TO SCALE	WT.	WEIGHT
i					

MATERIAL SYMBOLS:

STEBL (SECTION)	BATT INSULATION (F	RIGID INSULATION ()	GRMEL	SOIL	GYPSUM BOARD	PLINTEL OR BEAM OR
	MANNA					
CONCRETE (PLAN & SECTION)	BRICK (PLAN & SECTION)	CONCRETE BLOCK (PLAN & SECTION)	WOOD (PLAN)	FRAMING LUMBER (SECTION)	FINISH MOOD (SECTION)	PLYWOOD (SECTION)

VICINITY MAP
NOSCALE

GENERAL NOTES:

THE GREAL CONTRACTOR AND SIROCHMENCTORGS SHALL INSPECT PRELEXES PROCKTOR TO SUBLITIVE MEDICALEST TO REFER PESSING CONDITIONS SHALLON CONTRACTOR THE DECONDITIONS WHICHE BE REPORTED TO WARRY TO SHALL EXPENT SHALLON CONDITIONS WITH THE REPORTED THE TO SHALL DISKNITH TO SHALL DISKNITH TO SHALLON THE TO SHALLON CONDITIONS AND HE INTERIOR TO THE PERSON SHALLON SHALLON THE HE WAS AND THE TO HE WARRY TO HE WARRY.

THE GENERAL CONTRACTOR SHALL LEBRY ALL DIRENSONS AND CONDITIONS IN FIELD. IF DAMENS DIVALERSONS OCC.
THE CONDITIONS OF CONTRACTORS SHALL NOTIFY THE ARCHITECT TO CONDITIONS OF A PARCHITECT TO COMMENCE NATIONS THE ARCHITECT TO COMMENCE NATIONS THAT DOWN OF THE WORK.

ALLMANUFACTURED ARTICLES, MATBRIALS AND EQUPMENT SHAL BE APPLIED, INSTALLED, CONF EAMED AND CONDITIONED IN ACCORDANCE WITH THE MANUFACTURERS "MRITTEN SPECIFICATION . ALL WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND NATIONAL CODES.

THE CEREBLA CONTRACTOR SHALL SUPERVISE AND DRECT THE WORK USING HIS BEST SKILL AND ATTEMTON HE SHOWS SEE FOR ALL CONSTRUCTION WINDOWS HIS SULFLANK MANNS, INFORMACIES, SECURACES AND CASINESS AND SECROOM SHALL SHALL SHATIONS OF THE WORK UNDER THE CONTRACT. DMENSIONS TAKE PRECEDENCE OVER SCALE ON CONSTRUCTION DOCUMENTS. DRAWINGS MAY BEROUGH NEPALREFERENCE FIELD VERFYALL CONDITIONS PRIOR TO CONSTRUCTION AND/OR FABRICATION.

UNLESS OTHERWISE SPECIFICALLY NOTED. THE GENERAL CONTRACTOR SHALL PROVIDEANID PAY FOR ALL L.
LILL SCHIPPLENT, NOTES, TOCKS, CONSTRUCTOR COLDINENT NAM ACHEREN; TRANSPORTATION AND OF
LITTERS AND SHAWCES NOTES SUCK FOR PROPER PECULTION AND CONFLETION OF THE WORK.

11. THE GENERAL CONTRACTOR SHALL OBTAIN AND PAY FEES FOR ALL RECUIRED PERAITS, SCHEDLIE ALL RECUIR NS PECTIONS, OBTAIN ALL CODE APPROVALS, ETC. NECESSARY FOR PROPER COMPLETION OF THE WORK

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALLEXSTING AND NEY MEETING. WITHIN THE PROSED OF STRUCKING THACHOW THE AND VANGE CAUSED FOR OBJAINING THE EXCOMENS SALL BE PROPARED OR PEDLACED TO THE OWNERS SALL BE REPARED OR REPLACED TO THE OWNERS SALL BE REPARED OR THE DATE OF THE CONTRACTOR AND SHALL BE REPARED OR REPLACED TO THE OWNERS SALL BE THE OWN

RENOVATIONS FOR THE WAR MEMORIAL HALL ESPORTS
BLACKSBURG, VIRGINIA

4. ALL PENETRATIONS THROUGH FLOOR SLABS, SUCHAS PIRMG, CONDUIT, DUCTS, PNEUMATIC TACKED AND SEALED OF F WITH FIRE-RATED MATERIAL AND SEALED AGAINST WATER PENETRATION CONSTRUCTION SHALL BE PERFORMED DURING NORMAL WORKING HOURS, BUILDIN STAGINGSTORAGE OF MATERIALS SHALL BE COORDINATED WITH THE BUILDING OWNER.

7. A TESTING & BALANCING REPORT SHALL BE SUBMITTED TO THE BUILL ERTIFICATE OF OCCUPANCY.

VIRGINIA TECH.

T ARCHITECTS

300 Church Sheet P. (540) 951-48 Brabburg, W. F. (540) 951-48 24090 E. Info@bapo.

95% UBO SUBMITTAL NOTFOR CONSTRUCTION

I. ALL DIMENSIONS ARE GIVEN TO FACE OF STUD OR FACE OF EXISTING MANSIONS NOTED AS CLEAR, OR CLR, ARE TO WALL FINISH.

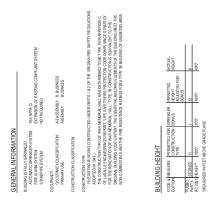
). OUTSDE EDSE OF NEW FRAMES AT NEW DOOR JAMBS SHALL RDIMENSIONED OTHERWISE.

2. ALL WORK SHALL COMPLY WITH VIRGINIA TECHS SAFETY REQUIRDABNTS FOR CONTRACTO ROCRAM, COPIES OF THIS PROGRAM, ARE AVAILABLE FROM THE OWNER OR MAY BE DOWNLO.

ASBESTOS & LEAD NOTES:

HALL COMPLY WITH VIRGINA TEOP'S SAFETY REQUIRBAINT FOR CONTRACTORS AND SUBCONTRACTORS AND SUBCONTRACTORS. WITH VIRGINAL TEOPHS OF THIS PROGRAM ARE AMALARE FROM THE OWNER OR MAY BE WALHARLE FROM THE OWNER OR MAY BE

ELEVATION, SECTION, & DETAIL SYMBOL



. S	MEASURE	CONSTRUCTION BONUS TYPE	BONUS		8	HEIGHT		
Ú.	OTOBICO	5		enwos so		9	1	
= 2	EIGHT*	1800*	200.	1800	Γ	490	1	
3	RED IN FEET.	SURED IN FEET ABOVE GRADE PLANE	INE					
S	RTS 00	PORTS OCCUPANT LOAD SUMMARY	ADSL	MMARY				
1								
K	N OF THE SF	TION OF THE SPACE OCCUPANCY TYPE FACTOR	YTYPE	FACTOR	PROJE	CTAREA	PROJECT AREA OCCUPANT LOAD	
ψį		8		150 GROSS	475SF		**	
ı	RTS GAMNG AREA	EA A3		15 NET	1,098 SF	L	74	
ğ	IDOR				884SF		0	
				TOTALS	2,457 SF		78	
w	OF EXITS RE	ER OF EXITS REQUIRED (1006.33); 2,2 PROVIDED	12,2 PRC	VIDED				

SPORTS OCCUPANT LOAD SUMMARY	AN LOADS	JMMAKY		
NCTION OF THE SPACE OCCUPANCY TYPE FACTOR	OCCUPANCY TYPE	FACTOR	PROJECTAREA OCCUPANT LOAD	OCCUPANT LOAD
FICE	8	150 GROSS	475SF	4
PORTS GAMING AREA	A3	15 NET	1,098 SF	74
RRIDOR			884SF	0
		TOTALS	2,457 SF	78
MBER OF EXITS REQUIRED (1006.33); 2,2 PROVIDED CHANGE OF OCCUPANCY	ED (1006.33); 2,2 PRO	OVIDED		

0000	THE CONTRACT OF THE CONTRACT O	T I I I I I I I I I I I I I I I I I I I		
N OF THE SPACE	N OF THE SPACE OCCUPANCY TYPE FACTOR	FACTOR	PROJECTAREA OCCUPANT LOAD	OCCUPANT LOAD
	8	150 GROSS	475SF	4
S GAMING AREA	N3	15 NET	1,098 SF	74
38			884SF	0
		TOTALS	2,457 SF	78
OF EXITS REQUIRE	OF EXITS REQUIRED (1006.3.3): 2,2 PROVIDED	OVIDED		
IGE OF OCCUPANCY	×			



74	LE PROGRAMS
JINNERSITY BUILDING OFFICIAL 11 STERRETT CENTER 31 ACKSBURG, W 24061 540) 231-4678	STATE FIRE MARSHAL FRIGINA DEPARTMENT OF FIRE PROGRAMS



FIRE RESISTANCE RATINGS	VUSBC 2021 - TABLE 801 - TYPE 18 FRE PATING	CTURAL FRAME 2 HRS	ING WALLS:	RIOR 2 HRS	IOR 2 HRS	SEARING WALLS AND PART THONS	RIOR 0 HRS	RATION > 30'	IOR 0 HRS	D CONCEDITION O UDG
FIRE RE	VUSBC 2021 ITEM	STRUCTURA	BEARING W	EXTERIOR	INTERIOR	NON-BEARIN	EXTERIOR	SEPARATION	INTERIOR	FIOORCON

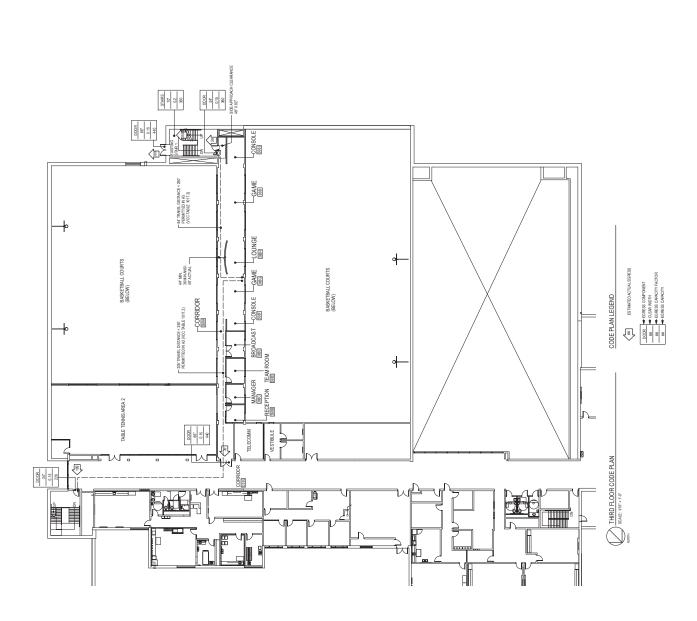
	2 HRS	2 HRS	TITIONS	0 HRS		0 HRS	2 HRS	1 HR	
BEARING WALLS:	EXTERIOR	INTERIOR	NON-BEARING WALLS AND PART	EXTERIOR	SEPARATION > 30'	INTERIOR	FLOOR CONSTRUCTION	ROOF CONSTRUCTION	

5	
10,	10.
-	1/16"= 1
	0 1 10 2

BASKETBALL COLETTS BASKET	CODE PLAN LEGEND (II) STIMMTED ACTUAL GORGSS (III) ACTUAL GORGSS (III
THE LEAVE WERE LANGE WER LANGE WERE LANGE WERE LANGE WERE LANGE WERE LANGE WERE LANGE WE	SECOND FLOOR CODE PLAN SOLE: 116" + 1-2"







CORRIDOR

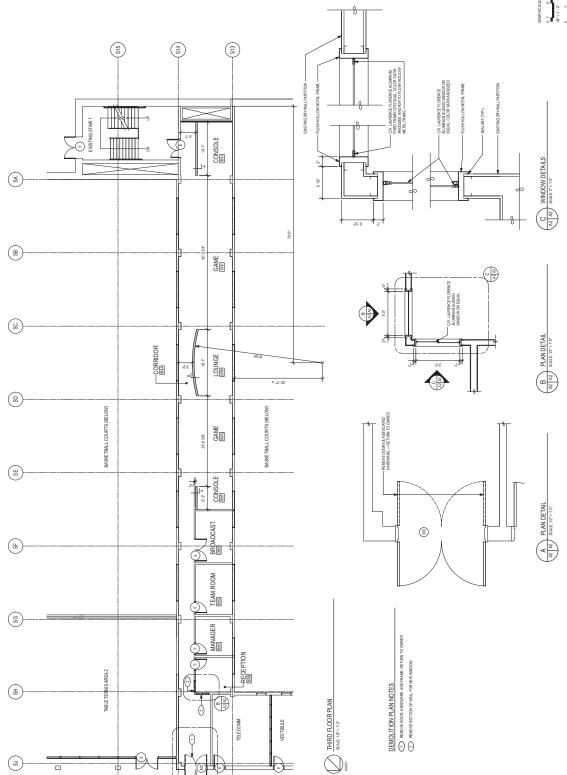


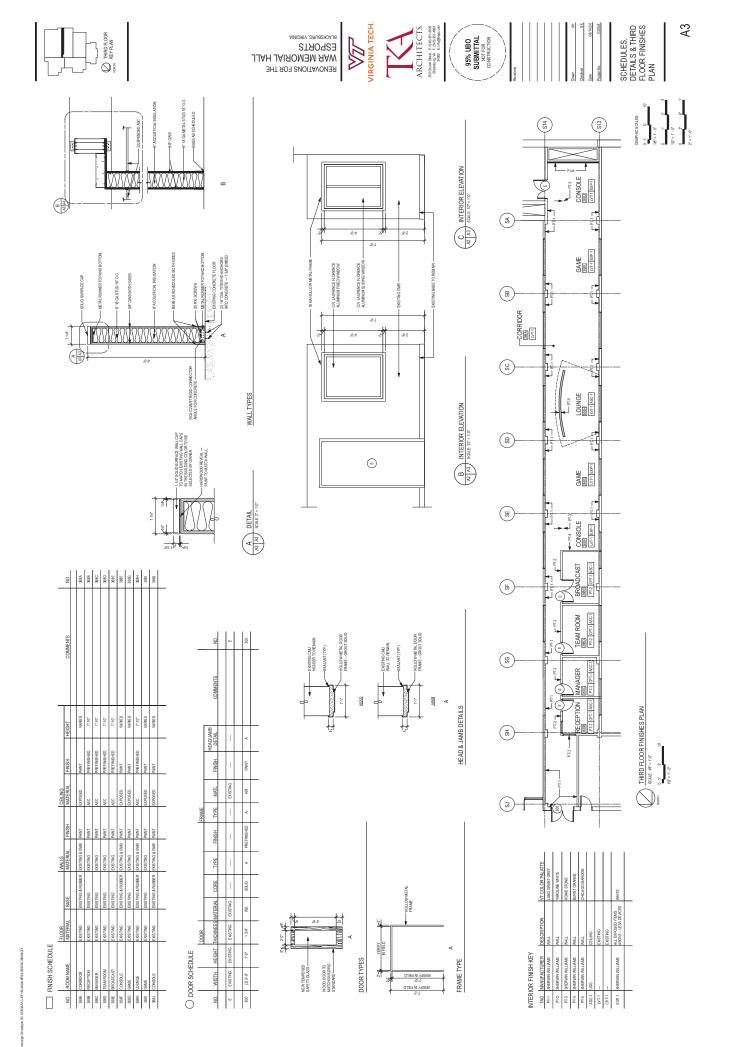


















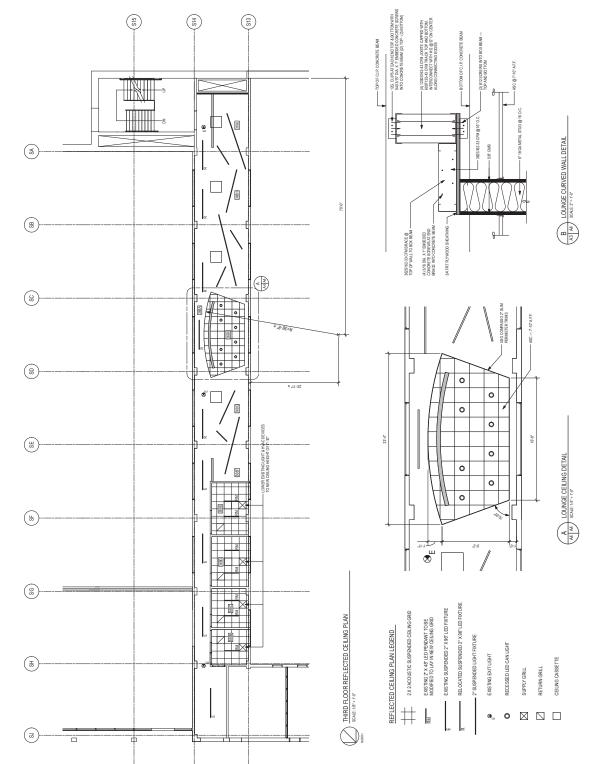




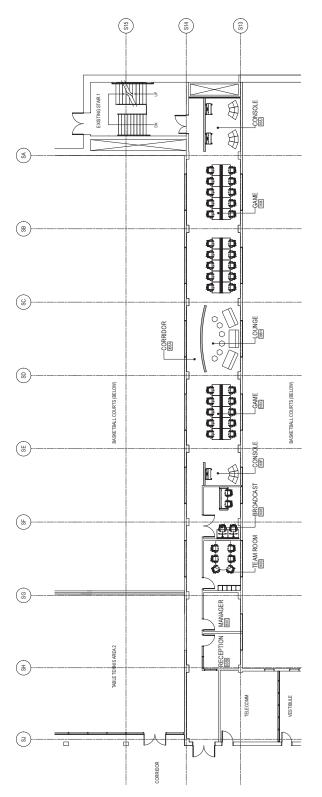














BROADCAST ROOM 368D (2) 35" W 32"D ESPORTS DESINS (2) DULU, LIOWITOR ARMS (1) 76" ESPORTS SHOUTCASTERTABLE (4) GAMING CHAIRS TEAM ROOM 368E
(1) 48*N S8*L OPTO TABLE WI DSPLAY STAND
(8) GAMANG CHARS
(9) ESPORTS LOCKERS
(5) TOENCHS FOR ESPORTS LOCKERS EQUIPMENT LIST (NIC)

CONSOLE 368F
(1) CONSOLE GARINO HUBS
(3) SOFT SEATING CHARRS (FA)

LOUNGE 368H
(3) MOTIV PRIMESS SOFAS
(8) HEXAGON SOFT SEATING (GAME 368G (10) 36W x 3YD ESPORTS GAMING DESKS (10) GAMING CHAIRS

GAME 3681 (20) 35"W X 30"D ESPORTS DESINS (20) GAMING CHAIRS

CONSOLE 368J (2) CONSOLE GAMING HUBS (6) SOFT SEATING CHARIS (FAR



SECTION 024119 - SELECTIVE STRUCTURE DEMOLITION

- DEMOTION HALLDES THE COMPLETE WERGONG OF TEBS OF SENSING WORK MICKED ON THE DOWN MALL DESTROYAL OF HER POTICION OF SENSING WORK TO REAWN ENDALINGWISH TAKEN THE WAS TO REAWN TO ACH. DESTROYAL OF WHEN COLLETED TO WHEN CHAILED TO WHEN CHAILED TO WHEN CHAILED WEND WEND ACKNOWN SAND SECRECATIONS. REMOVAL AND DISPOSAL OF BEACH SENDING HARD SENDING HAD SENDING HAD SENDING WITH SENDING WHEN SENDING WEND SENDING HAD SENDING WEND SENDING WE
- 12 CONDITION OF THE BUILDING
- CONDITION OF BULL DNG CONDITIONS EXISTING AT THE TIME OF INSPECTION FOR BODDING UPPROSESS IN LIBE MANTINGABLE HOMENER, WARANDOSS WITHIN THE STRUCTURE MAY COCAL REY OMMERS REMOVING AND SAUVAGE OPERATIONS PRICK? TO THE START OF THE DEMOLITION WORK.
- PRITIAL REMOVAL -ITBNS OF SAUVAGEABLE WILLETO THE CONTRACTOR MAY BE REMOVED THE TOTAL THE STITLEN MAST BE TRANSPORTED FROM THE STITLEN MAST BE TRANSPORTED FROM THE STITLEN AS THEY ARE REMOVED, STORAGE OR SALES OF REMOVED ITEMS ON THE STIE WILL MOT BE PERMITTED.

 - TRAFRIC CONDUCT DEMOLITION OPERATIONS AND THE REMOVAL OF DEBRIS TO ENSURE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPED (MICHES) FOUR ITES.
- 1. PROTECTIONS.
 OWER PRESPONSE, AND CONTENTIONS OF PROTECTION TO PROTECT
 DEMONSTORM OF PROTECTION OF PROTECTION TO PROTECT
 DEMONSTORM OF PROMISE OF PROTECTION OF PROTECTION OF PROTECTION WITH CONTENTION OF PROTECTION OF PROTEC
- DAMAGES. PROMPTY REPAIR DAMAGES TO BULDNG AND ADJACENIT FACUTIES OR PROPERTY BY ENLIDING BALD DAMAGE, DEFRANCIA OF TO SOME THE OWNER ALL REPAIRS TO THE BULDNG, BULDNG STRUCTIVE OR ADJACEN FROMESTY SHALL BE MADE FOLLOWING REVIEW AND INRITIES APPROVAL OF THE OWNERS REQUEST MANAGER.
 - UTILITY SERVICES MANITAN EXISTING UTILITIES, INDICATED TO REMAIN, KEEP IN SERVICE, AND PROTECT AGAINST DAMAGE DURING DEMOLITION OPERATIONS.
- POLLITION CONTROLS USE WATER SPRINKLING, TRANSORARY SENCIOSLRES, AND OTHER PROMISE MENTIONS TRANSMENTERNOS INTERNOS IN
- DO NOT USE WATER WHEN IT MAY CREATE HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS ICE, FLOCOTING, AND POLLUTION.
- PROCEED WITH DEMOLITION IN A SYSTEMATIC MANNER.
- LOCATE DEMOLITION EQUIPMENT THROUGHOUT THE STRUCTURE AND REMOVE MATERIA. TO NOT MINOSE EXCRESSIVE LOADS TO SUPPORTING WALLS, ROOFS, FLOORS OR STRUCTURE.

- POSPIG OF DEAL ASSO, FROM FERSI ARE SERVE, MAIO OTHER MATERNA'S RESULTING GENERAL ASSO, FROM FERSI EXPRISE ARE RESULTING GENERAL ASSO, FROM FERSI CHARLES AND FERBANTED ON THE SIGNAN OF RESULTING SERVED THE SERVED THE SERVED ASSO, FROM THE SERVED ASSO, FROM FERSI COLPA HONGE THE COLPA H
- SECTION 054000 LIGHT GAGE METAL FRAMING
- QJALIY ASSURANCE: COMPUTE STRUCTURAL PROPERTIES OF STUDS AND JOSTS IN ACCORDANCE WITH AISC "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL. STRUCTURAL MEMBERS."
- LIGHT GAUGE NETUL FRAMING UNT TYPE US SWJEDS TEEL, STIDS, 16 GAUGE MEETING ASTIN. C666, FRANCHOER FROM STILLONDA, QUALITY STEEL SEET WITH AMMAINA, YELD PORTICE MOUDO PSE, ASTIN ANGHA, ASTU, OFA ASTI.

 1. PROVINGE EMTHA, GAUGHUEDE PRICEH COMPLYING WITH ASTIN ASSE FOR IMMINIUM G BO COATING.
- STREET CORPORATE SPOKER WANTE, THESE STANDERS THE ANAESTINGS.
 BLOOME, UNTEL OF MALES SHEEK SERFOCKBINST AFFERENCES.
 STOKEMBEDED THE WANTE, THEN SPOKE MALES AFFERENCES.
 TO STUD THE WANTE, THEN SPOKE MALES AFFERENCES.
 THEN SPOKE MALES AFFERENCES TO SHEEK SERFOCKBINST AFFER THE WANTE, THEN SPOKE MALES AFFER AFFER
 - - AWILABLE MANUFACTURERS: U.S. GYPSUM; DIETRICH INDUSTRIES, INC.; GOLD BOND.
 - 12 DELIVERY AND STORAGE
- PROTECT METAL FRAMING UNITS FROM RUSTING AND DAMAGE. DEL MER 170 THE PROJECT TITM MANUFACHERS UNCHEND CONTIAMERS OR BUNDLES, CLERRY DEN TIFED WITH WARE BRADD. TYPE, AND GADGE, STORE OF FITHE GROUND IN ADRIVENTIATED SPINCE, GR. PROTECT WITH APPROVED WATERPROCOF COVERNG.
- FABRICATION
- AITACH SIMLAR COMPONENTS BY WELDING OR WITH SELF TAPPING SOREN'S RECOMMENDED, OR COMPONENTS BY WELDING SOFT BY RISKLAL ATION MICHOED ATTACHED DISSINLAR COMPONENTS BY WELDING SOFT TING, OR SOREM KASTENIOG, PER MANUFACTURER STANDARDS. WIRE TING OF FRAMMIC CARNOLIST SIND T FERMITED.
- INSTALL METAL FRAMING SYSTEM IN ACCORDANCE WITH MANUFACTURERS PRINTED INSTRUCTIONS AND RECOMMENDATIONS.

- REMAINER TRACKS, RETALL CONTRALOS, BRACKS, SEZDIO, MARCH STELOS, ALGA TRACKS, ACCORABELY TO THE VERY AREA COMMENDED BY THE STELO MARINER OF THE STELO MARINE
- WHEN STUD SYSTEM ABUTS STRUCTURAL COLUMNS OR WALLS, INCLUDING MASONRY WALLS AND CONCRETE WALLS, ANCHOR END OF STIFFENERS TO SUPPORTING STRUCTURE. SET STUDS R. UM, EXCEPT AS NEEDED FOR DIAGONAL BRACING OR REQUIRED FOR NON-PLUMB WALLS OR WARPED SURFACES AND SIMILAR REQUIREMENTS.
- NRTALS UP A BAEATARY TRANS. GEOVER, AND RECORDING HIRES WALS OR PARTITIONS ARE FERNEWATER CONTRACTOR OF THE STATE OF THE STATE OF THE WALSHAMMEN. WEER TYPE CESTER THE SANT HAND HE STATE OF THE THE WALSHAMMEN. CAMPLY WHITE HAS A PERCENT. THE RECORDING AND HIS DRAWNING CAMPLY WHITE HAS A PERCENT. THE RESEAUTH OF A DRAWNING SANT HAS A DRAWNING SANT HE WEIGHTLOOP RESULTING FOR

SECTION 072100 - INSULATION

- 1 BATT INSULATION
- SOUND ATTEMIATION INSULATION: UNFACED, GLASS-FIBER BLANKET INSULATION, ASTAN, C655 TYPE 1, MAXIMUM FLAME SPREAD OF 25 AND SMOKE DEVELOPED OF 50 PER ASTAN E84.
- A. TAPE: POLYETHYLENE SELF-ADHERING TAPE.

- ADHESIVE: TYPE RECOMMENDED BY INSULATION FASTENERS: IMPALE CLIP OF GALVANIZED STEEL.
 - 1.3 EXAMINATION AND PREPARATION

- VERIFY THAT SUBSTRATE, ADJACENT MATERIALS, AND INSULATION BOARDS ARE DRY AND READY TO RECEIVE INSULATION.

 - A. INSTALLINSULATION IN ACCORDANCE WITH INSULATION MANUFACTURERS INSTRUCTIONS. 1.4 INSTALLATION - BATT INSULATION
- B. FIT INSULATION TIGHT IN SPACES, LEAVE NO GAPS OR VOIDS.
- INSTALL FRICTION FIT INSULATION TIGHT TO I SPACES.

SECTION 079200 - JOINT SEALANTS

- 1 LATEX JOINT SEALANTS
- A. LATEX SEALANT: SOMPLY WITH ASTIN C 834, TYPE O, P, GRADE NF.

 - PRODUCTS:
 1. PECORA CORPORATION; AC-20+.
 2. SONNEBORU DIVISON OF CHENREX INC.; SONOLAC.
 3. TREMOS; TREMILEX 83+.
- 2 ACOUSTICAL JOINT SEALERS
- A CASTORAL AND RESPONSE AND CONCRETE CORN WITHOUT RESS STANDARD
 HOSTIGATE AND RESPONSE AND CONCRETE CORN WITHOUT RESS STANDARD
 HOSTIGATE AND RESPONSE COLD MARKINSON HITCOMESTING SHARINSON
 FOR BURNES AND AND CONTRIBUTION SERVICES TO THE TOTAL SERVICES AND CONTRIBUTION SERVICES.

 C. BOSTICO-CIENCE AND CONTRIBUTION SERVICES AND CONTRIBUTION SERVICES.
- SEALANT BACKER ROD. NONABSORPTIVE CLOSED.CELL (OR. JACKETED OPEN CELL)

 CANTERES BE FALSTROMBER RAD STOCK WHICH SO KOMPRIBER MITH SEAL ANT PER

 CANTER SEE PROCOMIBILATION POLYTETHY LEME, BITTY. LAPPRENE, POLYTIVE HAVE, W.C.).
- BOND BREAKER TAPE. POLYETHYLENE OR OTHER PLASTIC TAPE WHICH WILL NOT BOND TO SELAAMI, SELFAAHISIVE. THYLENE OR OTHER PLASTIC TAPE WHICH WILL NOT BOND TO SEJLANT SELFAADRISVE.
- A. CLEANJONT SURFACES IMMEDIATELY BEFORE INSTALLATION OF SEALANT OR CALLKING
 COMPOUND, REHOLDE DET, INSCENSE COMPOS, MOSTURE AND OTHER SUBSTANCES WHICH
 WOULD INTERFERE WITH BOND OF SEALATIOR CALLKING COMPOUND.
- COMR.Y WITH SEALANT MANUFACTURER'S PRANTED INSTRUCTIONS EXCEPTIVHERE MORE STRINGEN RECEIVED WAS SERVING IN SECOFE EDAND EXCEPTIVHERE MANUFACTURER'S TECHNOLAR PEPEZSINIANTE DIRECTIS OF HERWISE. 5 INSTALLATION:
- SEALANT INSTALLATION STANDARD: COMPLY WITH RECOMMENDATIONS OF ASTIN C. 1199 FOR USE OI JOINT SEALANTS AS APPLICABLE TO MATERIALS, APPLICATIONS, AND CONDITIONS INDICATED.
 - PRIME OR SEALJOINT SUPFACES WHERE SHOWN OR RECOMMENDED BY SEALANT WANNEWOTHERF, DO NOTALLOW PRINERSEALER TO SPILL OR MIGRATIE ONTO ADJOINING SUPFACES.
- INSTALL SEALANT BACKER ROD FOR LIQUID SEALANTS, EXCEPT WHERE SHOWN TO BE OMITTED OF RECOMMENDED TO BE OMITTED BY SEALANT MANUFACTURER FOR THE APPLICATION SHOWN.
 - INSTALL BOND BREAKER TAPE WHERE REQUIRED BY MANUFACTURER'S RECOMMENDATIONS TO ENSURE THAT BLASTOMBRIC SEALANTS WILL PERFORM PROPERLY.
- INSTALL SEALANTS TO DEPTHSAS RECOMMENDED BY SEALANT MANUFACTURBY BUT WITHIN TH FOLLOWINS GENERAL LIMITATIONS, MEASURED AT CENTER (THIN) SECTION OF BEAD.

SECTION 081113 - HOLLOW METAL FRAMES

- AMALABLE MANJFACTURERS INCLUDE, BJT ARE NOT LIMITED TO THE FOLLOWING:
 1. CECO DROOP PRODUCTS
 1. FIRE BLUE BLUERS PROD. CO.
 3. STEEL CRAPT MFG. CO.
- STEEL FRANKS: HOT ROLLED AND OILED PER ASTM A 568 AND A 568; COLD-ROLLED PER ASTM A 366 AND A 568. 18 GAU GE.
- 3 ANCHORS AND ACCESSORIES . AS REQUIRED FOR PROPER INSTALLATION

- SUPPORTS AND ANCHORS. FARRICATED FROM ELECTROLYTICZNIC COATED OR NETALLIC COATED STEEL SPEET FABRICATE FRAMES WITH MITERED OR COPED AND WELDED FACE COPAERS AND SEAMLESS FACE JOINTS.
- JAMB ANCHORS: STUD-WALL, COMPRESSION, OR POST INSTALLED EXPANSION TYPE; NOT LESS THAN 0.042 INCH'THICK CANUWALL, MASONRY ANCHORS.
- - STEEL FAUTORY PRAINING FOR FIELD PAINTED FINISH.

 SHOP PRAINER, MANJARCHERS STRANDER, PASTERNO, LEADAND CHROMATE-RREF
 PRAINER COMPLYING WITH ANS AZOTI 0 ACCEPTANCE CRITERIA.
- PROVIDE RRAIES OF SIZES, THICKNESSES, AND DESIGNS ADDICATED INSTALL STANDARD STEEL RAMES PLUMS RIGH PROPEREY MAGNED, AND SECURELY PASTENED IN PLACE, COMPLYWITH DEMANASS AND MANUFACTURERS, WITH THE NISTRUCTIONS, COMPLY WITH SDI-100, PROVIDE RENE RROCK AT HARDWARE LOCATIONS. 1.5 INSTALLATION
 A. REMOVE WELDED-IN SHIPPING SPREADERS INSTALLED AT FACTORY.

 - SENDING CHAPTER SHAPE STATE THE TOWN TO CHAPTER SHAPE SHAPE
- FINAL ADJUSTANDENTS CHECK AND READ LAIG CREATINGS ARROWNER TERS MANEAURIET, VEEPOR THE MASS TOTON LEAK WORK IN COMPLETE AND PROFER PREMANE CANDITION REMAYER. WE REPLACE DEFECTION WAS ALCUMON STEEL DOORS OR FRANES THAT ARE WARPED REPLACE DEFECTION WAS ALCUMON STEEL DOORS OR FRANES THAT ARE WARPED PROFESSED OR OTHERWISE UNACCEPTUALS.
 - PRIME-COATTOLICHUP. IMMEDIATELY AFTER ERECTION, SAND SMOOTH RUSTED OR DAMMGE! AREAS OF PRIME COAT AND APPLY TOUCH UP OF COMPATIBLE AIR-DRYING PRIMER.

SECTION 081416 - FLUSH WOOD DOORS

- THE CHARGE THE SEASON TO CAPACIDATE WITH RECURSIONED ANALAGE INVALIGNORS OF THE WAY INCLUDED THE WAY INCLUDE
- OJALITY STANDARD, IN ADDITION TO REQUIREMENTS SPECIFIED. COMPLY WITH AWYS, AMMACKS, AND MYS WASHED TURAL, WOODWORK, STANDARDS OR WOM IS:14, "WACHTECTURAL, WOOD THE HUGH DOOGN." PRODORS, DODAS, PROJUCINO CERTIFICATION OR WI CERTIFED COMPLIANCE LABELS INDICATING TI DODRS COMPLY WITH REQUIREMENTS OF GRADES SPECIFIED. 12 FLUSH WOOD DOORS, GENERAL
- WDMA.1S.1.4 PERFORMANCE GRADE: 1. EXTRA HEAVY DUTY UNLESS OTHERWISE INDICATED.
- C. WIRESCONDERING THE LANGEAU PROJUCT COMP. WEB WITH RECURRENCES OF THE COMP. THE COMP
- A MIRROR SEALMAN WITH GROBE ANALOS.

 1 GAUGE FRAMA WITH GROBE ANALOS.

 1 GAUGE FRAMA WITH GROBE ANALOS.

 2 GATTO MANO ESTERNIO WITH FAME TO MANO ESTERNIO WATO ESTERNIO WA
- WOOD BEADS FOR LIGHT OPENINGS IN WOOD BOORS: PROVIDE MANUFACTURER'S STANDARD WOOD BEADS UNLESS OTHERWISE INDICATED.
 - 5 FABRICATION
 - FACTORY RTDOORS TO SUIT FRAME-OPENING SIZES INDICATED. COMPLYWITH CLEARANCE REQUIREMENTS OF REFERENCED QUALITY STRADARD FOR FITTING UNLESS OTHERWISE WINDICATED.
 - FACTORY MACHINE DOORS FOR HARDWARE THAT IS NOT SURFACE APPLIED.
- OPENNICS FACTORY CUT AND TRIM OPENINGS THROUGH DOORS.

 1. LIGHT OPENINGS: TIMM OPENINGS THROUGH OF MATERIAL AND PROFILE INDICATED.

 2. GLAZING FACTORY MSTIALL GLAZING IN DOORS MADICATED TO BE FACTORY FINISHED.

 COMPLY WITH APPLICABLE FREQUIREMENTS IN SECTION 108000 YGLAZING.
- 1.6 FACTORY FINISHING
- CANING, COMPY WITH REFERENCED CALLITY STANDARD FOR FACTORY PRISHING, COMPLETE HERICATOR IN NACIONAL FOR PROFESSIONAL SAD MACHINANG, THE FERBORY OF STANDARD FOR PRISHING, THE FERBORY OF STANDARD FLERS IN NACIONAL PARTIES AND STANDARD FLERS IN WE GAMITED ON 10P AND 80T 10M FESSES, EDGS GF CATIOUS, AND MORTISES, STANDARD FLERS IN WE GAMITED ON 10P AND 80T 10M FESSES, EDGS GF CATIOUS, AND MORTISES.
 - FACTORY FINISH DOORS THAT ARE INDICATED TO RECEIVE TRANSPARENT FINISH.
 - PER SERVICE SE

SECTION 087100 - DOOR HARDWARE

- PROVIDE COMPLETE DOORHARDWASE IN COMPLANCE WITH ADA ANSI ATIT 1 AND DHI, FRAUL. SCODE OF DOOR HARDWASE TO BE COOPDIANTED BY CONTRACTOR WITH THE OWNERS PROJECT MANAGER.
 - KEYING SCHEDLLE TO BE COOKDINATED BY THE CONTRACTOR WITH THE OMNIBR'S PROJECT MANAGER.
 - C. PROVIDE CYLINDERS THAT ARE COMPATIBLE WITH THE CURRENT MASTER KEYINS SYSTEM.
- INSTALLATION TEMPLATES. DISTRIBUTE FOR D.OORS, FRAME AND OTHER WORK SPECIFED TO BE FACIORY PREPARED. CHECK SKIPD DRAWNINGSS OF OTHER WINGKT OOM-RRIMCEALED BOARDS. PROVIDE LAMBER WITH 19 PERCENT MAXIMAL MOSTURE CONTIBUT.
- SEE DOOR SCHEDLLEAND DOOR HARDWARE SCHEDLLE FOR LOCATIONS, MANUFACTURER, FINISH, AND RUNCTION OF DOOR HARDWARE.

HW SET#1 DOOR 300 EACH TO RECEIVE:

ME NON	NON RES	NON	BES	2	Š	Ž	SS	SS	SS	SOE
NUMBER 5881HW 4.5 X 4.5 NRP EPT 10	1E/VER X 5027L-DT-LBR X 596L-DT X #06 LEVER X SNB	CD-RX-9927L-LBR X E996L X #06 LEVER X SNB	1CMX7	CUSHN-STOP TBMMS	8400 10" X 1" LDW B4E CS	SR64	MT15	679-05	PS902 900-FA	DOOR ELEVATION AND POINT-TO- POINT
CATALOS BUTT HINGE POWER TRANSFER	MORTISE CYLINDER ELECTRIFIED EXIT DEVICE	ELECTRIFIED EXIT DEVICE	PERMANBATCORE	DOOR CLOSER 4040XP	KICK PLATE	SILENCER	MULTI-TECHNOLOGY	DOOR POSITION SWITCH	POWER SUPPLY	WIRING DIAGRAMS
QTY DESCRIPTION 6 EA 2 EA	- E E	1 EA	3 EA	2 EA	2 EA	2 EA	T EA	2 EA	T EA	T3ET

DODGE MANALY WILL SEED AND SECURED POSITIONS.
ALTHOUGH SEED AND SECURED POSITIONS.
ALTHOUGH SEED AND SECURED POSITION.
ALTHOUGH SEED AND SECURED AND S

W. LHEAD ENDECUBARENT INCLUDANS BUTNOTTUANTED TO, READER CONTRICILEN, READER WITERFACE, HIRE, AND ALL OTHER COAIRONENTS NECESSARY FOR A COMPILE AND ENDICTIONING PACESS CONTROLS SYSTEM SHALL BE PROVIDED BY SECURITY SUC-CONTRACTOR. NSTALL MULTI-TECHNOLOGY READER INAN AREA DESIGNATED BY ARCHITECT / OMNE

SUPPLIER SHALL COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL ENGINEERS, ALARM SYSTEMS ENGINEERS, AND ACCESS CONTROL SYSTEMS INTEGRATORS.

SECTION 088000 - GLAZING

A PERFORM WORK IN ACCORDANCE WITH GLASS ASSOCIATION OF NORTH AMERICA GLAZING MANUAL AND FGMA SEALANT MANUAL FOR GLAZING INSTALLATION METHODS.

RENOVATIONS FOR THE WAR MEMORIAL HALL ESPORTS
BLACKSBURG, VIRGINIA

SAETY GLAZING PRODUCTS TO COMPLYWITH ANSI 287 I AND TESTING REQUIREMENTS OF OPSO FOR PRETATI DIT FOR CHEGORYTH MARRIAGA, PROMISE SEETY GLASIO FERMANBRITY MANGED WHITCRS IFFOCKION LABELOF SAETY GLAZIO CREMIFECKION COLINCI, (SGCD) OR OTHER CERTIFICATION AGBLOY ACCEPTABLETO ALITHORITES HAWIG LINESDICTION.

SECTION 092900 - GYPSUM BOARD

- 1.1 MATERIALS
- AVALVBLE NANLENCTURERS, GEORGIA PACIFIC GYPSUM, LLC; UNITED STATES GYPSUM COMPANY (USG); NATYONAL GYPSUM COMPANY.

VIRGINIA TECH.

ARCHITECTS

300 Church Street P. (540) 951-492 Blacksburg, W. P. (540) 951-495 24050 E. info@blap.cox

- REGULAR GYPSUM BOARD: 5/8 INCH THICK, MAXIMUM PERMISSBLE LENGTH; ENDS SQUARE CUTTAPERED EDGES; UNL ESS NOTED OTHERWISE COMPLY WITH ASTM C 36.
 - DRYWALL SUSPENSION SYSTEM: USG DRYWALL SUSPENSION SYSTEM FOR FLAT CELLING OR EQUAL, COMPLY WITH ASTIM COM5.
- APPLICATION: 1. REGILLAR GYPSUM BOARD APPLICATION: ALL LOCATIONS NOT NOTED OTHERM SE
 - 12 ACCESSORIES
- CONTROL JOINT: GALVANIZED STEEL; ONE-PIECE FORMED WITH V-SHAPED SLOTWITH REMOVABLE STRIP COVERING SLOT OPENING. CORNER BEADS: GALVANIZED STEBL; WITH METAL FLANGES.
- JONITANTERIALS: GA201 AND GA216, REINFORCING TAPE, JOINT COMPOUND, ADHESIVE, AND WATER, SINGLE COMPOUND, TREATMENT SYSTEMAS RECOMMENDED BY DRYWALL MANAFACTURER.
 - FASTENERS: ASTM C1002 TYPE S12 HARDENED SCREWS, GA 216

95% UBO SUBMITTAL NOTFOR CONSTRUCTION

- ADHESIVE: ASTM C557, GA 216.
- 1.3 INSTALLATION
- INSTALL GYPSUM BOARD IN ACCORD ANCE WITH GA 201, GA 216 AND MANUFACTURER'S INSTRUCTIONS.
- INSTALL WALLBOARDS IN LENGTHS AND DIRECTIONS WHICH WILL MINIMIZE END JOINTS.
- PROVIDE ACOUSTICAL SEALANT AT EDGES, INTERRUPTIONS, AND OPENING THROUGH DRYWALI WORK, CONDEALED BEHIND EDGE OF BOARD. TRIM DRYWALLAT EXTERNAL CORNERS WITH CORNER BEADS. SECURELY FASTEN BEADS TO SUBSITRATES. CRIMPINS OF BEAD FLANGES WILL NOT BE PERMITTED.
- PROVIDE CASING BEAD AT EXPOSED EDGES OF WALLBOARD, AND WHEREVER DRYWALL ABUTS RUSH WITH OTHER WALL OR CELLING FANSH.
- PLACE CONTROL JOINTS COMSISTENT WITH LINES OF BUILDING SPACES AND AS RECOMMENDED BY MANALF ACTURER. ALL JOINT COMPOUND SHALL BE SMOOTH AND FREE OF TOOL MARKS AND RIDGES.

PECIFICATIONS

- PROTECT ADJACENT SURFACES REQUIDENWALL COMPOUND AND TEXTURE FAUSHES AND PROMETLY REMOVE FROM FLOORS AND OTHER NOW JERWALL APPLICATION. SURFACES STANDS STANDS, DEFOUND SURFACES SURFACES STANDS, DEFOUND SURFACES DEFOUNDS SURFACES STANDS.
 - K. REMOVE AND REPLACE PAYELS THAT ARE WET, MOISTURE D'AMAGED, AND MOLD DAMAGED.
- **9**8

SECTION 095113 - ACOUSTICAL PANEL CEILINGS

- THIS SECTION INCLUDES ACOUSTICAL PANELS AND EXPOSED SUSPENSION SYSTEMS FOR CELLINGS.
- PRODUCT DATA SUBMIT MANJE ACTURER'S TECHNICAL DATA FOR EACH TYPE OF ACOUSTICAL CELING UNIT AND SUSPENSION SYSTEM REQUIRED.
- SAMPLES. MINIMAM 6 INCH X 6 INCH SAMPLES OF SPECIFIED ACOUSTICAL PAVEL: 8 INCH LONG SAMPLES OF EXPOSED WALLIMOLDING AND SUSPENSION SYSTEM, INCLIDING MAIN RUNNER AND FOOT TOROSS TEES.
- CERTIFICATIONS, MANUFACTURERS CERTIFICATIONS THAT PRODUCTS COMPLYWITH SPECIFED REQUIREMENTS. MALDONG LOBACHORY REPORTS SPOWNE COMPLACKE, WITH SECOFED TESTS AND SYSTAMPRICES FOR ACCOUNTING, PERSORMANZE, EACH CARTION OF MATERIAL MINIST CARRY MA MPRROVED INDEPSIDENT LABORATIORY CLASSIFICATION OF NEC, CAC, ANDAC. SHOP DRAWINGS: LAYOUT AND DETAILS OF ACOUSTICAL CELLINGS, SHOW LOCATIONS OF ITEMS WHICH ARE TO BE COORDINATED WITH, OR SUPPORTED BY THE CELLINGS.
- MAIN TEMANCE DATA AT PROJECT CLOSEOUT.
- WARRANTY DOCUMENTS AT PROJECT QLOSEOUT, SPECIFIED INARTICLE 1.5 OF THIS SPECIFICATION. SECTION.
- ACCUSTICAL TESTING AGENCY QUALIFICATIONS: AN INDEPENDENT TESTING LABORATORY OR AN NVLAP-ACCREDITED LABORATORY.
 - SINGLE-SOURCE RESPONSBILITY: PROVIDE ACOUSTICAL PANEL UNITS AND GRID COMPONENTS BY A SINGLE MANUFACTURER.
- 1.4 EXTRAMATERIALS
- FLRNISH EXTRAMATERIALS DESCRBED BELOW THAT MATCH PRODUCTS INSTALLED AND THAT). PADDAGED WITH PROTECTIVE COVERING FOR STORAGE AND IDBATFIED WITH LABELS DESCRIE CONTENT.
 - VOLUSIONS ...
 1. ACOUSTICAL CELING PARELS: FILL; SIZE PARELS EQUIA, TOS PERCENT GF QUANTITY
 1. SIZEPERSONS SYSTEM, COMPONENTS: QUANTITY OF EACH EPOSED COMPONENT EQUAL TO 2
 PERCENT OF QUANTITY NISTALLED.

- COEDICIA, MAR SE SEGNIT AVMITTENENCH PROLITICATE ACRESIA COEDICIA, MAR COEDICIA, MAR SEGNIT AVMITTENENCH CHIEFA ACRESIA COEDICIA COEDICA COEDICA COEDICIA COEDICA COED
- WROBANY TREPOLIALINGUES TROUGH UNIQUES TRESTATIAL COMPLETION.
 2. GROTI THE IN 10°THES REMONDE OF SESSIONAL COMPLETION.
 3. GROTI THE IN 10°THES REMONDENCE SESSIONAL COMPLETION.
 4. ACOUSTING A MODIS ON THE SESSIONAL MODIS OF THE OWNER OF THE OWNER OF SESSIONAL SERVED FOR SOME SOME SENT THE OWN T
- THE WARRAITY SHALL NOT DEPRIVE THE OWNER OF OTHER RICHTS THE OWNER MAY HAVE NADES THE REPONSINGS OF THE CONTRACT DICCURENTS AND WILL BE IN ADDITION TO AND RAIN CONCLIRED WITH OTHER WARRANTES MADE BY THE CONTRACTOR LINDER THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
 - 1.6 DELIVERY, STORAGE, AND HANDLING
- DELIVER ACCUSTICAL CELING UNITS TO PROJECT SITE IN ORGANAL, UNOPENED PACKAGES AND STORETHEM HAN A PLULY BENCESSED SAVAN WHERE THEY WILL ER PROTECTED AGAINST DAMMER STORM MANISTULE, DEPOSITED AGAINST DAMMER STORM MANISTULE, DEPOSITE SAVAN SECONTAMINATION, AND OTHER CAUSES.
- BEFORE INSTALLING ACQUISTICAL CELING UNITS, PERMITTHEM TO REACH ROOM TEMPERATURE AND STABLIZED MOISTURE CONTENT.
- HANDLE ACOUSTICAL CELING UNITS CAREFULLY TO AVOID CHIPPING EDGES OR DAMAGED UNITS I ANY WAY.
 - ACOUSTICAL PANEL CEILINGS, GENERAL
 - ACOUSTICAL PANE, STANDARD; COMPLY WITH ASTM E 1284.
- METAL SUSPENSION SYSTEM STANDARD: COMPLY WITH ASTM C 635 AND ASTM C 636.
- APPLICATION TO THE ATTENDED THE STATE OF THE
- WIRE HANGERS, BRACES, AND TESS, ZINC, CONTED CARBONSTEEL WIRE, ASTINA 641 A611M, CLUAST, TO COUNTS, OT STATE CONTED CARBON 19 THO COSS TREES HANGEN CESSIOLOUD, (ASTIN COSS TREES, TO BEECT WIRE, DAMETER TO STRESS OF WIRE, BUT PROVIDE NOT LESS THAN THE DESS THAN THE LESS THAN YELD STRESS OF WIRE, BUT PROVIDE NOT LESS THAN TO WE ACT WHEN THE THAN OT WE ACT WE ACT WE ACT WE WE ACT WHEN THE THAN OT WE ACT WHEN THE WEST WE ACT WE WANT WAS AND WE ACT WE WANT WAS AND WE ACT WE WANT WAS AND WE WANT WAS AND WE WANT
- METAL EDGE MOLDINGS AND TRIM. TYPE AND PROFILE MOLOCIED OR, IF NOT NOICKIED.
 MANUFACTURENS STANDARD MOLDINGS FOR DECENDANDE THAT COMPLY WITH
 MESTINAND ESCHOOLDERARIA'S FORMED FROM SHEET METAL OF SAME MATERIAL, FINISH AM
 COLOR AS INFILIATUSED FOR EUPOSED FLANGES OF SUSFENSION SYSTEM RUIMERS.
- 22 ACOUSTICAL PANELS
- A. PRODUCT: BASIS OF DESIGN IS USG MARS HIGHARC PANES 80/35, 24/24/7/8" SQUARE EDGE TILE.

2.3 METAL SUSPENSION SYSTEM FOR ACOUSTICAL PANEL CEILING

- A PRODUCTOROPHISM ALL MARKA BAND STEES AND LEE COMPANDED OUTLY THOUGH TO PRODUCE A MANAZIO (GAUNTETIO TO STEEL ALL MANAZIO (GAUNTETIO TEEL ALL MANAZIO (GAUNTETIO CANDETIO ET MANAZIO GAUNTETIO CANDETIO CANDETIC C
- C. WIRE FOR HANGERS AND TIES, ASTIM 4641, CLASS 1/ZIMC CONTING, SOFT TEMPER, PRESTRICTULE, WITH YIELD STRESS LOAD OF AT LEAST TIME THREE DESIGNLOAD, BUT NOT EST THAT THE TEST THAT TO GAUGE. A TEMST TIME THREE DESIGNLOAD, BUT NOT SESTIMAN TO GAUGE. ATTACHMENT DEVICES. SIZE FOR FIVE TIMES DESIGN LOAD INDICATED IN ASTM C 635, TABLE 1, DIRECT HUNG UNLESS OTHERWISE INDICATED.
- EDGE NAZ DNOSAND TRAK METAL OR EXTRUCED ALUMNUM OF TYPES AND PROFILES NDICA OR, R HOT TOTOCHED MANIFACTURIES S STAKADAN OLUDIANS STORES AND PERFETRATI NAZLIDIAN LIGHT FATURES I HAFT TYPE OF EDGE ETALA AND SIRSENSIAN SYSTEM NOTO PROVIDE INCLIDANS WITH EDFORCED FLANGE OF THE SAME WIDH AS EPFORCED RAWHER.
- - E. ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.
- 3.1 INSTALLATION
- COMPLY WITH ASTIM CROEAND SEISMIC DESIGN REQUIREMENTS INDICATED, PER MANUFACTURE PS WRITTEN INSTRUCTIONS AND CISCAS "CELLING SYSTEMS HANDBOOK."
- MEASINE EACH CELING RELAND ESTABLISH LAYOLT OF ACOUSTICAL PARELS TO BALANCE BODGER MYDIR FOR POYSIELE EGGS OF EGAN CHAIRM. AND USUNG USES THAN HAYLAYNDTH PARELS RESPORTED ALD COMMEY WITH LAYOLT SKYMN ON REFECTED CELING R. ANS. COCROMATE PAREL LAYOLT WITH MECHANICAL AND ELECTRICAL FIXTURES.
- C SUPPORT CASE OF HANGEST SEQUEL BLOCKS STORT CAN ARREST SET OF CONDUCT WHEN SECURITY CONTRIBUTION OF CONDUCT WHEN SECURITY ON SECURITY ON MESSE CHAIN MESSE CHAIN MESSE CHAIN MESSE CHAIN SECURITY ON SECURITY CONTRIBUTION ARE CHAIN CHOSES OF MESSE CHAIN OF CONTRIBUTION ARE CHAIN CHOSES OF CHAIN CHOSES OF CHAIN CHAIN CHOSES OF CHAIN CHA
- RINTLA CERC MULDINGS AND HIGH THE REAL DIFFERENCE OF PROBREMS OF ACCUSATION CELL AN SCALAN PHETE MESSARY TO DONE FLE LITES OF ACCUSATION, PARELS, SEPENTIAN, MACHER MAN TOS BESTIFFET AT INTERNALS NOT MATER THAN INCHEST WAN INCHESTED AT INCHESTED AT MACHER MATERIA DEL BLEED AND TOWNERS, SECURITY OF A LIZE AND TO THE CONTRIBUTION TO THE PARELS OF THE STATES OF THE SACRO-THE MATERIA THE COMPARISANCE OF IN SECURITY.
 - INSTALL SUSPENSION SYSTEM RUNNERS SO THEY ARE SQUARE AND SECURELY INTERLOCKED WITH ONE ANOTHER. REMOVE AND REPLACE DENTED, BENT, OR KINKED MEMBERS.
- INSTALLACOUSTICAL PANELS WITH UNDAMAGED EDGES AND FITACOURATELY INTO SU GENISON SYSTEM RAINNERS AND EDGE MICHORISS SOSBE AND CUITPANELSAT BORDERS AND PENETRATIONS TO PROVIDE A MEAGUEF FIT.
 - - 3.2 ADJUSTING AND CLEANING

A. REPLACE DAMAGED AND BROKEN PANELS.

- CLEAN EXPOSED SUPPLACES OF ACCUSTICAL CELINICS, INCLUDING TRAIL EDGE MALDINAS, AND SUSPENSION MEMBERS. COMPLY WITH MANUFACTURERS INSTRUCTIONS FOR CLEANING AND LOCAL FOR MINICAL RESISTANCE AND MANUFACTURERS. INSTRUCTIONS FOR CLEANING AND MANUFACTURE AND ACCUSATION MANUFACTURE AND ACCUSATION MANUFACTURE AND ACCUSATION MANUFACTURE AND ACCUSATION. CELING TOUCH JP PAINT "GLOBAL WHITE" LATEX PAINT SHOULD BE USED TO HIDE MINOR STARTCHES AND MOKES IN THE SURFACE AND TO COMER PLED TEGULARZED EDGES THAT EXPOSED TO VEW.
 - PERMOVE AND REPLACE WORK THAT CANNOT BE SUCCESSFULLY CLEANED AND REPAIRED TO PERMANENTLY ELIMINATE EVIDENCE OF DAMAGE.

H. PROVEC MURTIPALS FOR ESEWTHA EACH PART SYSTEM THAT ARE COMPATIBLE WITH TOO ANOTHER, MUST CARROLL STATES THE MOCHEN LOUND THAT SYSTEM THE MOCHEN COMPATION SES REPROSE THE MOCHEN CARROLL OF SERVICE AND APPLICATION DEMONSTRATED BY WANNE SYSTEM MOCHEN FOLLOW SHOWS THE DEPOSIT SYSTEM AND THAT SYSTE

MPI (MASTER PAINTERS INSTITUTE) STAND/RDS: PROVIDE PRODUCTS THAT COMPLY WITH MPI STAND/BROS INDICATED BAID THAT ARE LISTED IN ITS "MPI APPROVED PRODUCTS LIST".

2 PAINT, GENERAL

MATERIA, QUALITY PROVIDENIANJEACTURENS BEST-GUAL ITY PAINT MATERIAL OF THE WAROU VANNON OTTERS SENDE EIN HAT AREA (TOTON FORMULED BAND ECCOMMENDED BY MANUFACTUREN FOR APPL, GOTON MOTO/ATED, MANTANTERIAL CONTANTENS NOT DISPLAYING MANUFACTURENS PRODUCT IDENTIFICATION WILL NOT EE ACCIETNABLE.

SECTION 096513 - RESILIENT WALL BASE

1.1 ACTION SUBMITTALS

- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT. 2.1 AMILABLE MANUFACTURERS.
- 22 THERMOSET-RUBBER BASE

A. ROPPE JOHNSONITE; MANNINGTON; ARMSTRONG

D I VOCTORIES REQUISES UNE LOCARY WITH CAUSING WHITE SHAPE WITH CONTRIBUTION OF THE PROPERTY WAS A PROPERTY WHITE THE FOLLOWING THE MEN AND AND A PROPERTY WERE THE FOLLOWING TO WHITE SHAPE THE FOLLOWING TO SHAPE THE PROPERTY WAS A PROPERTY OF AN AND THE PROPERTY OF THE

LOW-EMITTING MATERIALS, INTERIOR PAINTS AND COATINGS SHALL COMPLYWITH THE TEST THE PRODUCT FECHICIATE HIS THE CALL FORM LEPRATIBENT OF HEALTH SERVICES "STANDARD PRACTICE FOR THE TEST THIS OF VOLATILE ORGANIC EMISSIONS FROM MAROUS SOLRCES USING SMALL-SCALE ENVIRONMENTAL CHAMBERS."

COLORS: AS SELECTED BYOWNER. SEE FINISHES PLAN.

3.1 EXAMINATION

EXXAMNE SUBSTACTES MUD CONDITIONS, WITH APPLICATOR PRESENT, FOR COMPLIANCE V RECLIEBEMENTS FOR MANAGEMEM MIGSTURE CONTENTAND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK. MAXXIMJAI MOISTURE CONTENT OF SUBSTRATES: WHEN MEASURED WITH AN ELECTRONIC MOISTURE METERAS FOLLONS: 1. GYPSUM BOARD: 12 PERCENT.

- A. STYLE: B, COVE
 - B. THICKNESS: 0.125 INCH
- HEIGHT: 4 INCHES.

LENGTHS: COILS IN MANUFACTURER'S STANDARD LENGTH

- INSIDE AND OUTSIDE CORNERS: JOB FORMED.
- COLORS: TO MATCH EXISTING; VERIFY COLOR SELECTION WITH OWNER'S PROJECT MANAGER
- ADHESNES: WATER RESISTANT TYPE RECOMMENDED BY RESILENT-PRODUCT MANAJEACT NORM RESILENT PRODUCTS AND SUBSTRATE CONDITIONS INDICATED. PROVIDE LOW OR NOVACCAPIESINE.
- PREPARE SUBSTRATES ACORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS TO BYSURE ADRESION OF RESULENT PRODUCTS.
- DO NOTINSTALL RESULBYT PRODUCTS UNTILTHEY ARE THE SAME TEMPERATURE AS THE SPACE WHERE THEY ARE TO BE INSTALLED.

PROCEED WITH COATING APPLICATION ONLY AFTER UNBATTSFACTORY CONDITIONS HAVE BEEN CORRECTED.

1. CAPPLICATION OF COATING NUDICATES ACCEPTANCE OF SUIFFACES AND COADITIONS.

VERIFY SUITABILITY OF SUBSTRATES, INCLUDING SUPFACE CONDITIONS AND COMPAT EXISTING FINISHES AND PRIMERS.

- MMMEDIATELY BEFORE INSTALLATION, SMEEP AND VACULMICLEAN SUBSTRATES TO BE COVERED BY RESILIENT PRODUCTS. 3.2 RESILIBNT BASE INSTALLATION
- VERIEY THAT WALL SURFACES ARE SMOOTH AND FLAT WITHIN TOLERANCES FER MANUFACTURER RECOMMEDIATIONS. WALLS SHALL BE DUST-FREE AND READY TO RECBIVE FESS. IROH THASE PRIOR TO ASSTALLATION. A. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALL ING RESILIENT

APPLY RESILIENT BASE TO WALLS, COLUMNS, PILASTERS, CASEWORK, AND CABINETS IN TOE SPACES, AND OTHER PERMANENT FIXTURES IN ROOMS AND AREAS WHERE BASE IS REQUIRE

INSTAL RESU, ENT BASE IN LENGTHS AS LONG AS PRACTICAL WITHOUT GAPS AT SEAMS WITH TOPS OF ADJACENT PIECES ALIGNED.

COMPLY WITH MANUFACTURER'S WRITTEN NISTRICTIONS AND RECOMMENDATIONS IN THP MANUAL" APPLICABLE TO SUBSTRATES INDICATED.

- FEMOMES HOWING CONFIGURATION OF THE ACTION OF THE CONFIGURATION OF THE PRODUCE SURFACE APPLED PROTECTION BET OFF ESTIMATE. PREPARATION AND BATTING.

 THE CONFIDENCE WHIN TO PREPARE OF THE PRODUCE SURFACE APPLED PROTECTION OF THE CONFIDENCE OF THE CONFID
- CLEAN SUBSTRATES OF SUBSTRANCES THAT COLLD MPARE BOAD OF PRAITS, INCLIDING DUST, DRIT, OFFICE, AND CAREEA, AND AND WHILE PRAIRES OF A SUBSTRANCE WHIT COMPATIBLE PRAIRES OR APPLYTE COAT AS PECURED TO PRODUCE PAINT SYSTEMS NDICATED.
- A. APPLY PAINTS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND TO RECOMMENDATIONS IN "MPI MANUAL."

3.3 APPLICATION

TIGHTLY ADHERE RESULENT BASETO SUBSTRATE THROUGHOUT LENGTH OF EACH PIECE, WITH BASE IN CONTINUOUS CONTRACT WITH HORIZONTAL AND VERTICAL SUBSTRATES.

G. ON IMAGONRY SUIPAGES OR OTHER SMILAR RREGULAR SUBSTRATES, FILL VOIDS A, CNOTY EDGE OF RESULENTBAGE WITH MANUFACTURETS RECOMMENCED ADHESVE FILLER MATERIA.

F. DONOT STRETCH RESILIENT BASE DURING INSTALLATION.

H, LOPET VENDER CHEES LUES TRANSPINECES OF MANAMA LEAGHTS POSSIBLE AND FORM IN THE LOPET CHEESE CHEE

- APPLY PAINTS TO PRODUCE SUPFACE FILMS WITHOUT CLOUDINESS, SPOTTING, HOLLDAYS, LAPS, BRRUSH MARKE, ROLLER TRUCKING, RAINS, SAGS, ROPHESS, OR OTHER SUFFACE INFERFECTION OUT IN SHEAPPLIED TOOL OF BREAKE IN THE SAULD OCCOUNTED THE SAULD S
- 3.4 CLEANING AND PROTECTION
- A PROTECT WORK OF OTHER TRADES AGAINST DEMANGE FROM PANT APPLICATION, CORRECT DAMAGE TO WARK OF OTHER TRADES BY CERMINE, REPAIRAS, REPLACING, AND REFINISHING, AS APPROFILED TAND IT BY CERMINE, APPRODITION.
- AT COMPLETION OF CONSTRUCTION ACTIVITIES OF OTHER TRADES, TOUCH UP AND RESTORE DAMAGED OR DEFACED PAINTED SURFACES.
 - 3.5 INTERIOR PAINTING SCHEDULE
- 1. INSTITUTIONAL (JANGODRADOCLATE) SYSTEM (UPPRARED).
 1. INSTITUTIONAL (JANGODRADOCLATE) SYSTEM (UPPRARED).
 2. INSTITUTIONAL (JANGODRADOCLATE) SYSTEM (JANGODRADOCLATE).
 2. INSTITUTIONAL (JANGODRADOCLATE).
 3. INSTITUTIONAL (JANGODRADOCLATE).
 3. INSTITUTIONAL (JANGODRADOCLATE).
 4. IN

REMONE EXCESS ADHESNE FROM FLOOR BASE, AND WALL SUFFACES, REPAIR OR REPLACE ALL MATERAL DAMAGED DURNOINSTAL LATION, CLEAN ALL RESIDLE AND MARKINGS OFF OF RESL IBYT BASE AND SURROLNDING MATERIALS.

SECTION 099123 - INTERIOR PAINTING

COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR CLEANING AND PROTECTING RESLIBYT PRODUCTS.

3.3 CLEANING AND PROTECTION

RENOVATIONS FOR THE WAR MEMORIAL HALL SPORTS
BLACKSBURG, VIRGINIA

- E. EXPOSED CELING AREA (CONCRETE DECK, DUCTWORK, CONDUIT, ETC.)
 I. WATER BASID OF YELL, USTRICK.
 I. WATER BASID OF YELL, USTRICK.
 I. PARIE, COAT, SHOP PRAIRES SPECIFIED. IN SECTION WHERE SLIBSTRATE IS SPECIFIED.
 I. TOPOCAT, DRY PAUL LATEX FLAT MIN #118.

PRODUCTS: SIBJECT TO COMPLANCE WITH REQUIREMENTS. AMALABLE PRODUCTS THAT MAY BE MOORPOWING TO THE MAN THE MOORPOWING TO THE PRODUCTS LISTED IN OTHER PARTS ARTICLES FOR THE PANT CATEGORY MOUCATED.

2.1 MANUFACTURERS

SECTION NOLLICES SURFACE PREPADATION AND THE APPLICATION OF PAINT SYSTEMS ON THE POLICY ON NOTION THROUGH SUBSTINATES.

1. FIRST SUBSTRAINES.

2. SITES SUBSTRAINES.

3. CONVECTE MASSIANTY.

- C. OFGENIA GROPE SISSENIA GROSSONICA IN STREAM.

 1. PRINTINDIAM, LOWODORNOCIA PER SISTEMA.

 1. INSTITUTIONAL LOWODORNOCIA PER SISTEMA LOWODORNOCIA PER PROPERTINDIAM, LOWODORNOCIA PER PROPERTING COAT LATEN ATTENDRA INSTITUTIONAL LOWODORNOCIA GOSSILERE 3, MPR 1445.

 1. TOPOCAT LATE, MITERORIA NISTEMATIONAL LOWODORNOCI GLOSSILERE 3, MPR 1445.
- COMCRETE IMSONAY SUBTRATES
 1. INSTITUTIONAL LOW/DODRY/OC LATEX SYSTEM
 2. TOPCOAT: LATEX, INTERIOR, INSTITUTIONAL LOW OD GRIVOC, SEMI-GLOSS (GLOSS LEVEL 5)
 IMPH #147.

VIRGINIA TECH. T ARCHITECTS

300 Church Street P. (540) 951-4925 Backsburg, W. P. (540) 951-4950 24050 Elifogbap.com

95% UBO SUBMITTAL NOTFOR CONSTRUCTION

PECIFICATIONS

A₇

EQUIPMENT SCHEDULES:

FAN COIL UNITS (CHILLED WATER CEILING CASSETTES): AIREDALE	ILING CASSETTES). AIR	
INDOORFAN COLLUNT MARK	1000	GF02
AIRLOW, CFM (HINEDLOW)	20071707160	620 / 480 / 480
MOTOR HP	1/8	1/8
COCUING		
TOTAL CAPACITY, MBH	4.6	113
SENSBLE CARACITY, MBH	3.9	8.6
ENT. AR TEMP, 15, D8 / WB	760	75.0
EVIT / LWT, * F	45/55	99 / 99
FLOWRATE, GPM	6.0	2.3
WATERP.D, FT W.G.	1.2	2.3
FLTBRS (TYPE)	MBRV10	WERV10
UNIT ELECTRICAL (V / Ph / Hg)	115/1/60	115/1/60
MCA. A	6.0	1.4
MOCP, A	16	91
UNIT MODEL NO.	COW12	OCW18
CONFIGURATION	6-WAY	4 W W
ESTIMATED UNIT WEIGHT, LBS	99	88
NOTES		
1. REFER TO PLANS FOR UNIT QUANTITIES.		
2. UNIT PERSORMANCE SELECTED ATMEDIUM FAN SREED	W SPEED.	
3. COOLING CAPACITY BASED ON46°F BWT.		
4. PIRNS RUNOUT SIZES SHALL BE 34" UNLESS NOTED OTHERWISE.	JOTED OTHERWISE.	
6. PROVIDE INTEGRAL DISCONNECTSWITCH.		
 6. ALL UNIS SHALL INCLIDE GRULE KIT, PARITED SHEET AETAL DUCT SHOOLD, AND FACTORY PROVIDED CONDENSATE FUMP WITH REMOTE. INCOMAN LET FOR INTEGRAL CONDENSATE PUMP IS 30 INCHES. 	DSHEET NETAL DUCTSHROUG T FOR INTEGRAL CONDENSATE	D, AND FACTORY PROVIDED EPUNP IS 30 INCHES.
7. OVERALL SOUND PRESSURE LEVEL (BAN) MEASURED AT A DISTANCE S PT 88.0 W PACA IN PREFEID SHALL NOT EXCEPT AS A 8.5 AT LOW MEDIUM, AND HORSPEED BESPECTAGETY	SURED AT A DISTANCE 5 FT 8B.	WO.

 CPM
 FIN
 FIN</th

CHILLED WATER COILS (DUCT-MOUNTED): DAIKIN

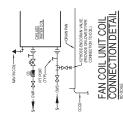
MARK GFM FN RN IN HZO LBAGTH HEXATT

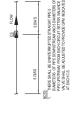
RODY ENETL GREENLEGK Mark Early Freezing Rody Rody

GRILL	ES, REGIS	GRILLES, REGISTERS AND DIFFUSERS: PRICE	USERS: P	RICE			
MARK	WARK SERVICE	TYPE	MATERIAL	FACE SIZE, IN XIN	NECK 92E. N x N	MAXAR P.D., IN HZO	MAXNG
<	SUPRLY	SUPRLY SUPPLY GRULE	STEB	12'x12"	12'x12"	0.1	Ю
NOTES:							
1. SING	ALE DEPLECT	. SINGLE DEFLECTION SUPPLY GRULE.					

PF.V	OF VENT: GREENHECK	HECK				
š	FREE ARGA SQ.FT.	THROAT DIM N	HBGHT,	APPLICATION	MODEL	l z
Ξ	1.0	10	22	NTACE	GRS1-12	-
iš Eg						
BO/UD	EWITH PREFABI	ROYDE WITH PREFABRICATED 14* ROOF CLRS. HEXALT INCLUDES CLRS DIVENSOR	P CURB. HE	GITINGLIDES C	SURB DIVERS	ě
10 VIC	ROVIDEWITHWOTORIZEDDAWPER	EDDWIFE				
ROVIC	ROVIDE WITH INSECT SCREBA	NEEDS.				

딡	ES, REGIS	ALLES, REGISTERS AND DIFFUSERS: PRICE	-USERS: P	RICE				
×	RK SERVICE	TYPE	MATERIAL	FACE SIZE, IN XIN	NECK SZE, N x N	MAXARPD.	MAXNG	WODEL #
7	SUPRLY	SUPRLY SUPPLY GRULE	STEB	12'x12"	12×12*	0.1	Ю	510
OT BS:								
SING	E DERLECTI	SINGLE DERLECTION SUPPLY GRULE.						
l								



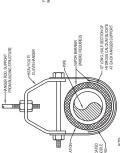


THE BYTRE CROUIT SENSOR & BALANONG VALVE SHALL BE INSULATED WITH REMOVABLE SECTIONS OF PIPE NSULATION SIZED TO O'GRALAN PILE CONTRICTED PIPE NSULATION SHALL O'GRALAP BY ORDES O'HLED WATER SYSTEMS SHALL BE WIPOR SEALED ASSPECIFIED.

CIRCUIT SETTER DETAIL





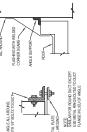




DUCT-MOUNTED HOT OR CHILLED WATER COIL CONNECTION DETAIL

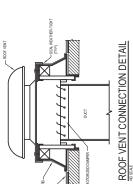
NOTE: PROVIDE CONDENSATE DRAIN PAN FOR C







GOOSENECK DETAIL



	♦ ⊠⊠%%		HWS HWS	φε φε
呈	S C C S E E E E E E E E E E E E E E E E	COCCO COCCO CFM DIA PWT	GPM HWS HWS LAT LMT	S R R R R R R R R R R R R R R R R R R R
HVAC LEGEND	The state of the s	COMPACT CONTROL OF THE PRESENCE OF THE PRESENC	PROMINES BENIMINE FATON WATER SETTING FATON	PORTIONA DIRECTOR TO COLON TO

VERFY THE LOCATION OF ALL THERMOSTATS, TEAPERATURE SENSORS, AND CONTRIC INSTRUMENTS WITH THE ARCHITECT AND CAMER PRICE TO ROUGHAN.

CONTRACTOR SHALL SEAL MO FLASH ALL PENETRATIONS IN EXSTING ROOF AND W VERIEY ROOF AND WALL OPENINGS WITH STRUCTURE.

MATERIAIS AND NSTALATION SHALL COMPLY WITH LOCAL CODES APPLICABE PROVISIONS LATESTED THOM OF MATIONAL FIRE PROTECTION ASSOCIATION LOCAL UTILITY REGULATIONS CONERMINENTAL DEPARTMENTSHAWNG JURISOCTION.

ALL EQUIPMENT SHALL BE NSTALED IN ACCORDANCE WITH IMMIE ACTURIERS PUBLISHED INSTRUCTIONS.

GENERAL NOTES:

		T FOR TORIA JAINOMS FOR JAINOMS FOR JAINOMS FOR JAINOMS JAINOM	
LWT MOD B	9 45 05 0 05 05 05	PO SA SA SA SA MAN MAN MAN MAN MAN MAN MAN MAN MAN MA	€
# 0	PECT TO FLOW	JRE SENSOR	

WHERE PIPE CONTECTIONS ARE SHOWN CONNECTING TOEXSTING, CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND CONNECTION SZES PRIOR TO NSTALLATON.

CONTRACTOR SHALL PROVIDE ALL SUPPORTS REQURED TOMOUNT MECHAP PIPINS AND DUCTWORK.

NEWDUCT WID PIPE INSULATION SHALL MATCH EXSTING, INSULATION THAT IS DAMMS. PEROYED FOR NEW WORK SHALL BE REPUACED, REPARED AND. SEALED AS PECURED.

DIPOSED PIPINGRUNOUTS SHALL BE INSTALLED IN PRACTICAL ALIGNMENT WITH AND SHALL BE ADEQUATELY SECURED TO THE BUILDING STRUCTURE.

HACCONTRACTOR SHILL AQUET CFAROR CELING DEVICES AND AR UNITY ROORPLANS.

FOR EXACT LOCATIONS OF CELLINS DEVICES, SEE REFLECTED CELLING PLAN.

PROVIDE FLEXIBLE DUCT CONNECTIONS BETWEEN THE SUPPLY AND RETURN DUC UNITS. FLEXIBLE CONNECTIONS SHALL BE WEATHERTIGHT WHEN EXPOSED.

REFER TO ARCHITECTURAL AND ELECTRICAL DRAMINGS TO COORDINATE THEEXACT LO OF DUCHWORK, P PING AND OTHER INECHANCAL EQUIPMENT WITH CELING GRD, LIGHT AND OTHER BUILDING COMPONENTS.

ALL CUTTING AND PATCHING FOR THE INSTALLATION OF NEW WORK IN EXISTIF BE DONE BY THE GENERAL CONTRACTOR.

VERIFY LOCATIONS OF NEW EQUIPMENT AND ROUTE OF DUCTWORK AND CONDITIONS.

<u>'</u>	ARCHITE	300 Church Street P. (54 Bardsburg, VA F. (54 2406) E. info

EQUANIENT IMPENAS AND UBGR REQURED BY THESE COMFACT DRAWINGS SHALL BE QUANNIENT DOBERTER FROM LECTIONE METERS OF WORKINGHAPP FOR ONE YEAR AFTER RHALACEPTANCE OF THE PROJECT UNESS SECTION DOTHERWISE. DEFECTIVE MATERIALS OF WORKINGHAPP OF COURTOWL, COST WORKINGHAPP OCCURRING DURING THIS PERIOD SHALL BE CORRECTED AT NO ADDITIONAL, COST

CELING GRD AND OTHER ITEMS SHALLNOT BE SUPPORTED FROM OR IN CONTACT WITH FAL UNITS. COYDUIT, WIRING, PIPING AND SUPPORTS SHALL NOT INTERFERE WITH UNIT ACCESS

INSTRUCT THE OWNER IN THE PROPER OPERATION AND IMMITENANCE OF THE MES SYSTEMS LIVIL THE OWNER IS FULLY PREPARED TO OPERATE AND MANITAN THE SYSTEM. HOMENEY, LENGTH OF INSTRUCTON TIME SHALL BE LIMITED TO ONE HA

24 SYSTEMS SHALL OPERATE UNDER CONDITIONS OF LOAD WITHOUT UNJISIAL OR OR VIBRATION. UNUSUAL, OR EXCESSIVE MORE OR VIBRATION SHALL BE CORREC.

ALL REMOTE MOUNTED TEMPERATURE CONTROL DEVICES AND TEMPERATURE CON SHALL BE FURNISHED AND NISTALLED BY THE MECHANICAL CONTRACTOR.

PROVIDE ACCESS DOORS OF SUFFICIENT SIZE FOR ALL CONCEALED CONTERNS REQUIRING ACCESS. RIVALLOCATION OF ROOF-MOUNTED EQUIPMENT SHALL BE COORDINA VERIFY ROOF OPENINGS WITH EXIS TING STRUCTURE. AR DEFLECTORS SHALL BE PROMOED IN ALL SQUARE ELBOWS.

95% UBO SUBMITAL NOT FOR CONSTRUCTION	
--	--

			B(č
			Drawn	

				BCR	RDF	08/14/24	2305-8	
waans				awn	necked	op op	plect No.	

WU	BCF
poked	RDF
	08/14/24
ect No.	2306-8







RENOVATIONS WAR MEM ESPORTS BLECKSBURG, VIRG	
⊕ ♦-€≑	

WI TECH.	
ģ	

95% UBO SUBMITTAL NOT FOR CONSTRUCTION

Drawn	B(
Checked	R
Date	08/14
Project No.	230



<u>@</u>

HVAC SPECIFICATIONS:

- <u>920PE OF THE WORK WORK SHUL NGUIDE COMPLETE HING SYSTEMS. PROVIDE SUPERNISON UAROR, IMTERIN.</u> EQUIPMENT, IMCHNERY, PLAYT, AND TEMIS NECESSARY FOR COMPLETE SYSTEMS TESTED AND REJOY FOR OPERY.
 - FEQUATIONS WITERALS NO INSTALATON SHAL COMPLY WITH COAL CODES, APA LOBIE PROVISONS OF LATEST EDITION OF MINONA, PRE PROTECTION ASSOCIATION, LOCAL UTLITY REGLATIONS AND COMENMERIA, DEPARTMENTS, HAVING JARSOCIATION, NO VIRGINAT, EICH ESSON AND COMERNICTON STANDARDS.
 - DRAININSS: THESE DRAWINSS ME DIACRAMATIC AND INDICATE GENERAL ARRANCEMENT OF SYSTEMS AND WORK WHERE WARANCES OCCUR INCLIDE THE ITEMS OF BETTER QUALITY, GREATER QUANTITY OR HIGHER COST.

 - <u>cocornations wor</u> the countainton shall be responsed from the cocornation and more relative to the countainton and the control of the countainton and the control of the countainton and the countainton and
- NET THE STEE SHOWN THAT CARS HALL BE RESPONSE E FON INSTING THE STEEST-OREPROUGHE, DOE TO SHALLOWER THE STEEST-OREPROUGHE. DOE TO SHALLOWER THE WARK UNDST THIS CONTRACT ON THE THE CONTRACT OF THE WARK UNDST THIS CONTRACT ON THE CONTRACT OF THE CONTRACT OF THE WARK UNDST THIS CONTRACT OF THE CONTRACT O
- MITERUTION OF SERVICE, INTERPUTIONS OF SERVICE TO DISTING SNS TEALS MALL BE COOTDINATED WITH THE OME AS TO THE MOUNDAINTON. THE CONTRACTORS SALL BESERVINGES FOR ANY HETEROLITICAS TO SERVICE AND SALL. FEW ARY TRAMASS TO DISTINGS STERS CAREED BY HIS OFFENDINGS.
- MOWER IN COLDINGS MEAS, WORKIN COLD PED ARBS SHALL SE CORROLATED WITH THE COCUPANT AND OWNERN ASTO TAN MODIFICATION THE COMPANIZACE SHALL ROBGET THE COCUPAN DEAL MAD SHALL SERSENGS FOR THE WASHING AND SHALL SHA
- SENDIALMENT SEVENINGE CHROUGHOOK LUIT REPORTED FOR ELEMENT SEVENINGE SEVENINGE CHROUGH CHROUGH
 - <u>ACE SSBLD</u>T, LOXT E CUPREIT WHCH MUST BE SERNCED OR MANTANED IN FILLY ACE SSBLE POSTIONS WERE POSSISEL. O'N HERMAGE, FURNISH ACES IPANGES OF SUFFICIENTS SEZ MOLLCOATED SO THAT THE CONCEALED EQUIPME. OWNES SERVICED.
- THE MADSTATS. ROUGH IN OPENINSS SHALL ALIGN VERTICALLY AND HORIZANTALLY WITH BUILDING STRUCTURE. WALLANCINTED THERIACSTATS SHALL BE MOUNTED 49" ABOVE FINISHED FLOOR TO THE TOP OF THE THERIACSTA
- SLEED, LOCKE ER REST BARROWNING CORPS OF THE WORK SERIES PROFINE PROFIT WOUND THE TOWN THE THE STATE AND THE TOWN THE TOWN THE TOWN THE TOWN THE STATE SHALL DIVERTING THE SHALL DIVERTING THE STATE SHALL DIVERTING THE SHALL DIVERTING
- JUTING AND PATIONING: THE CONTRACTOR SHALL PROVIDE ALL CULTING AND PATCHING NECESSARY TO INSTALL HIS WORNATCHING SHALL IM TCH ACLA CENT.
 - <u>OLEMINO</u>, EQUIPMENT AND PRING SHALL BE CLEMED TO REMONE FORBONI MATERIALS. PROVINCET BIRDORAN'E FLITENS WITH THE REPRESENTATION TO CHECK OF OPERINGS IN EQUIPMENT, DUSTWARK PRING MATERIAL SHALL CONSCILOTING SHALLO FOR SHE ARE BESONE FROM THE PRESENT AND THE SHALL SHALL CONSCILOTING SHALLO FOR SHE ARE SHOWN THE PRESIDES THE UNISED MATERIAL AND THE SHALL SHALL SHALLOW SHALL
- WIRRO, TERFRATURE CONTROL WIRRO, EQUIPMENT CONTROL WIRROAND CONTROL INTERLOCK WIRRO FOR INSTOWNING WIRROAND TO INCLUDE ARYWINGNOWNESS SALLES FUNDED. CONTROL WIRROSALL INOT INCLUDE ARYWINGNOWNESS SALLES FUNDED. CONTROL WIRROSALL INOT INCLUDE ARYWINGNOWNESS SALLES FUNDED. CONTROL WIRROSALL INOT WIRROSALLES FUNDED. SECURITION OF SALLES FUNDED. S
 - QUET OPBIATON: SYSTBAS SHALL OPBIATE UNDER CONDITIONS OF LOAD WITHOUT UNUSUAL OR EXCESSIVE NOISE OF WIRPATION UNUSUAL OR EXCESSIVE NOISE OF WIRPATION SHALL BECORRECITED.
- <u>TESTINGARD BANATON</u> HALCOGNIACTOR SHALL EST ALL HACEDLIMENT TO ASSRETHIT THE PROPERSIZENCE OF THE CASE LEST ALL AND OFFCENIOR IN THE SECRETARY THE SHEET OF THE SECRETARY CELLIMENT DEFICES BY ON PROSTERS SHALL EST AND THE THE FOLK IN CATED OF THE OPHNICAL ALL PRECOVED, INCLUDE IN THE EDECLITY OF THE WAYN SHALL BE EDERSHED. IN THE BALLACHIC OF HIS WAYN SHALL BE EDERSHED.
- <u>NISTRUTIONS TOOMER</u> NISTRUTTHE OMER IN THE PROPIET OFFRATON MOLIMMETINGE OF THE RECHWICK STRIEND WITH THE OMISHES INTELLIFE PROMISH OF OWNERS, HOWERS, LINCHES, LINC
- QUANTIE COLPRETI, MITBALS MOLJARA ROJINED BY THERE CONTRACT DRAWINGS SHILL BE CURANTEED TO BE REPORTED LEEFTINE, MEANLES ON WOMBANNEROR OR BE IN THE TREATMY COFFIE PROJECTIVILES SPRETED FOR A LOGGER PROTON ON THE PROPERTIES OF THE RESERVANT OF THE REPORT OF THE PROJECTIVILES OF COCURRING DIRNG THE PROTOS DHALL BE CORRECTED ATMONDITIONAL COST. OPENATING, AND MANTEWAYCE. PROVIDE THE CONNESS WITH TWO (2) BOUND SETS OF OPENATING AND MANTERWAYER INSTRUCTIONS FOR ALL HING EQUIPMENT AND CONTROLS.

- GRERAL: DUCTWORK SHALL BE ZNICCONTED SHEET STEEL OR ALUMNUM, CONSTRUCTED AND INSTALLED A PECOMENDED BY THE LATEST EDITION OF SIMOLA.
- DUCT CLEARANCE SHALL BEESTABLISHED AT THE JOS SITE BEFORE ANY DUCTS ARE FARRICATED. THE CONTRACTOR WILL NOT BE ALLOMED ANY EXTRA COSTS FOR DUCTS FARRICATED AND THEN FOUND IN

- SERVICE VALVES. ALL SERVICE WALVES 2-172" AND SAALLER SHALL BE BRASS. DISC GATE WALVES.
- MANUAL AR VENTS. SHALL BE CHROMIMPLATED BRASS 18" NPT COIN-OPBRATED TYPE, PROVIDEEXTENSION T F REQUIRED TO MAINTAIN ACCESS TO VENT OPERATOR.
- ONDITISTENS CAPUT STEPS SHALL SE SEL AND COSSITTOR SDAL BOOLD SHAME WHEN PROVED SHAME SPREADED WAS SELF SHEET STEP CONSISTENT AND STANKES DEFENDENT SHALL SHALL SHAME SHEET SHEET SHALL SH
- PRE SIPPORTS. SUSPONDED HORZOVIR, IPPING SHALL EE SUPPORTED BY ADJUSTIBLE WIXDLOTS TELL O.ENS PROSS SHALL ES WE TOAKE TES SZE COPPRES DE THOUGHOT? PPE THWOETHOE SWALL ER ATTICHED TO THE TO CHORD OLY LY SKEEL JOSTS AND BEBANK WITH CLAMPS. PPING SHALL ES INSTILLED IPPORTED. ALCOMED CHORD OLY LY SKEEL JOSTS AND BEBANK WITH CLAMPS. PPING SHALL ES INSTILLED IPPORTED.
 - - NSTALATION: ALL PRING SHALLEE INSTALED, WITH SLFFICENT PTCH TO INSLREADEGLATE DRIVIN VENTING. ALL HGH PONTS INWAITER LINES SHALL BE PROVIDED WITH ALITOAR 198TIS, ALL LOWPOIN DRIVING. COXUDEISATE DRIVILLING SHALL SLOPE 187 PER FOOT IN DIRECTION OF FLOW.
- DIBLECTRIC FITTINGS SUCH AS COURTINGS, UNIONS OR FUANGES SHALL BE INSTALLED TO ISOLATE NOW-FERROUS METAL WHERE CONNECTION IS MADE TO FERROUSMETAL.

THE RMAL CONFIRMS

- NSJATOVSIMLE LOHSIMMILE, OMBS CORING, RHISTRONG OR COLL. NSJATOVSIMLIOT EE PAPED UIT. LETHE NEEDVERHEN SOGNETOR OE RISJATON WILEPOOREN SISSACTORVUNG TISSES, ALL MITERALS LEED SHALL NEED CORPORTE FLAME, SPREJORATING NOT EXCERDING NOT SUCCEDING SING. SHALL ONE CRELE OPED RATING NOT EXCEDING SI
- FERENCAS PRE INSLATION SALLANGE AMERICANTE TO ALLIMANISTICA, REPRODED WITH PRESENCE AND ALLIMANISTICAL REPRODED WITH PRESENCE AND ALCORS LEGISLATION REPORTED RESPONSE TO ALLIMANISTICAL REPORTS AND ALCORS LEGISLATION REPORTS AND ALCORS AND ALC PIPING: INSULATION SHALL BE INSTALLED IN CONFORMANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

STEM	TEMP.	LESS THAN	1.10	1.12*	4*T0	8.8	2
	RWGE (dag. F)	t-	1-1/4	T03*	lo	ď	E 2
ATING	140-300	1.5	15	20	20	20	Ì
IILED ATER	40.55	1.0	10	1.5	118	20	-
NOENSATE JAIN	16	0.5	0.5	1.0	10	1.0	~
E 6	MANAJA THICKNES NOT EXCEDING 0. NSJILATION WITH G PERFORMANCE CHA A. FIBERGLASS TYF	MARNUM THONESS FOR NEULTON LISTED IN PRECEDING TARE IS IS ASSO ON THERMY, CONDUCTION? IN THOSE THONESS TO THOSE THOSE THOSE THOSE THONESS TO THOSE THOSE THONESS TO THOSE THOSE THONESS TO THOOF IS ASSOCIATION THOSE THOSE THONESS TO THOOSE SO THOUSES TO THOOSE SO THOSE TH	ISTED N PRECI X X SQ. FT. X C ZONDUCTMTY PEOFED. UNSTOMERIC TY	EG. F. BASED (HALL HAVE INC PEINSLLATION.	BASED ON THE ON MEAN TEMP REASED THICK!	RIML CONDUC ERATURE OF 7 VESS TO PROV	5 DEG. F IDE SWII

- THE GLASS PRE BLALL WHITTEN SHALL ESCHARISH WITH REALD CAPITITE CARES, ADCTSON
 THE REAL GROWN BLALLOWS THE STALL STALL SHALL SHAPE SHALL SHALLOWS THE SEGUENT HE SEGUENT HE STALL SHALLOWS THE SHALLOWS HE SHALLOW
- BLASTOMERD FPE INSLLATION SEMIS, VOOS AND BLITL JOINTS SHALL BE SEALED WITH A WHORN BARRIEN JOHESME ON TREED WITH THE VIEW OWING THAT THYSE. ILENS TOWNERS INSULATION EXPOSED TO WEATHER SHALL IS OVERSED WITH TWO DAYINS OF AURISTROAM WAN ALE THEN THE

- SJPRLY GRULES SHALLEE PRICE MODE, 510 CR EQUAL, GRULES SHALLEE SINGLE DE LECTION TYPE, AND SHA, HAVE FREE AREA NOT LESS THAN 75%, CONSTRUCTION SHALLEE STEEL. GRILES SHALL BE PRICE OR EQUALUALESS NOTED OTHERWISE, DEMCE PINISH SHALL BE COORDINATE D WITH AGCHTECT.

- ADMINISTRATED HOUSE TO SERVICE THE CONTRIBUTION OF THE CONTRIBUTIO
- BEEROY CORE; BHEROY CORE; BHALL RE CFTOTA, BY HALP MID SHALL RE REMOVABLE FROM CASING THE CORE CONTINUES TO REAL MANNEZED THE LAMBARINGN THE COCK HEIDS SHALL BE FOLY MER HEINERARE IN A CAULAINZED THE HAMPHONG ALD OWN BE REMOVABLE FOR SENVING.

EVERSY RECOVERY UNT (ERV-1) AND DUCT-MOUNTED HEATING AND C GMC-1):

- ELTERS THE CUTDOCR AND ENHAST FLUERS SHALL BE ZHCHICEP. 33'4, EFFORIT DBS'OSABLE FLEN RICHER AND FLUENS SHALL BE PROVIDED IN THE UNIT AND FACTORY INSTALED. MERY 8 DSPOSABLE FLENTED FLUENS SHALL BE PROVIDED IN THE INTAKE AND ENHALST AS STREAMS.
- BECTRICAL ALL INTERNALELECTRICAL COMPONENTS SHILL BE FACTORY WIRED FOR SINGLEPONT POMEN CONTECTION, LLE BECTRICAL COMPONENTS STALLE BLILLS FIELD, APPROVED, CNCLASS FIELD WHERE APPLY MO WHERD IN ACCORDANCE WITH THE WINDALE LECTRICAL CODE.
- WARMATY THE ELECTOR RECOVERY LETTLA TOR SHALL BE WARMATED TO BE PREAT PROJUCTED STANKER.
 AND VOCATION OF THE AT PROJUCTED COVER TO STANKER.
 WARMANDER TO THE FIRST DID SHOUS THE WIRE THAT WARMANDER TO A PREDICT OF THE PERSON THE PROJUCTED THE STANKER THAT WARMANDER TO THE PROJUCTED SHALL BE WARMATED THE THE ADDITION THAT THE PROJUCTED THE STANKER THAT THE AT THE AT

UNCOUPED MODE: THE UNIT SHALL BE DE-BERGZED, SUPPLY MO ENHAST MAF PANSHALE OFF, MO THE OUTDOOR AND ENHAST MET MOOD ON THE OUTDOOR AND ENHAST MET MOOD ONLY WALKES SHALL MODILATED THE CLOSED THE DUCK MOUNTED THE MING AND COOLING OOL WALKES SHALL MODILATED THE CLOSED POSITION

b COCURG THE DUCHADUNTED CHILED WATER COLL SHALL SE CONTROLLED BY A SYNCHAGAGANTED TREATHER SHALL INCOLLART THE COCURG OXI COCHAGES FLOWIT TIBLE ENAUTIVE (MOLISTING, PANK TO MANKAN THE COCHAGES FLOWIT TIBLE ENAUTIVE (MOLISTING, PANK THE FAIR TIME, WALK SHALL SHALL

FEATING, THE DUCTANDINTED FEATING WATER COLL SHALL BECOMFROLLED BY A
SPACEAUNTED THE WEATHING SESSION, THE BAS SHALL INDOLLATE THE FEATING COL
CONTROL, WAY, TO JAMMA, AN THE HEATING SET FOUNT TEMPERATURE FAQUISTING FAMILE FOLL LO. GOOD.

SERFIES, ADCT SEARCHTOR SHALL REPAIRED HER ENHIGH HOLD UPSTREAM.
THE HYSTERS ON DETECTION OF PRODUCTO OF COMBUTTON, THE DAYS ON DETECTION OF PRODUCTO OF COMBUTON, THE DAYS ON DETECTION OF SHALL STOP FILE OF SHALL STOP FILE OF SHALL STOP FILE OF SHALL STOP FILE OF SHALL SHALL ON SHALL SHALL ON THE OUT-MACHINE DOCKNOCOL.
WALF THE FINE HOLD ON SHALL SHAP THE SHALL OF SHALL SHAP THE SHAP

FANCOL UNITS (OFC-1 & OFC-2):

- GBRBAL. FM LOL UNTS SHALL EK HONAE GELNG OKSETTE THE GRE GALL COMPLETE WITH CASHS, COX OLD ASSEMENT, WHAN MAR HELE FER SHA KINDTON FUNDER, COMPRED, CANCE, COMPENSATION, PA WHES, SHEEL BET, SHOULD UND'OR SHOULH AND SECONDARY CONTROL THANSORIES, AND MONORROES, SOAR COMPIGLUES. END UNIT SHALL BET FASTER SECURENT TO HE SALDING STRUCTURE.
 - UNT CASHOS MALLEB LAWAFATHED PROJECTIVEN FOR MANZED SHEET STEEL WITH MITGRAL RAY MOUNTING BALL CASHO SHALL HAVE FIRE RESISTANT FORM INSULATION (ILLAN OF FORTHERMAL MOUNCOL). RISLATION
 - - FANS SHALL GE BAXWAND CIRRED, CBRITISHOLA. THE STATIOLLY AND DINMARCALLY BALANGES FOR DEPAYMENT PASSILY MALLES BALL ER ALLANGUA CHIPE RETHADMET PASSILY CROSSILY OF SHALL GE MULTI-SPEED ROTOR THPE WITH THE WAY OF RECLORD PROCESTICA NO. SEALED FURGATED BEARMOS.
- AROUTETVAKES SHILL BEMOTOR DRIVEN TO AUTO-SMEEP THE AIR DURING OPERATION.

THE UNIT CONTROLLER SHALL PERFORM THE FOLLOMING FAN COLL CON IROL STRATEGIES PROVIDE THE SPECFIED MONITORING AND DIAGNOSTICS:

OHILED WATER COLS SHALL BE MANUFACTURED FROM REFRICERATION QUALITY COPPERTURE BONDED TO ALLIMANIA FINS CIRCUTED ROM THE HEADERS TO PROMIDE LOW PRESSURE DROP.

FLTERSSHALL BE PROMDED FOR EACH UNIT AND SHALL BEMERY-10 TYPE.

UNIT SHULL INCLUDE INTEGRAL CONDENSATE PUIPP WITH CHECK VALVE AND FLOAT SHOLLD THE PUIPP BECOME BLOCKED OR FALL.

VIRGINIA TECH.

RENOVATIONS FOR THE WAR MEMORIAL HALL ESPORTS

FAN COIL UNITS (CFC-1 & CFC-2):

ARCHITECTS

300 Church Snest P. (543) 551-4925 Blacksburg, VA F. (543) 951-4930 24300 E. irfo@khap.com

A CONDENSATE OVERFLOW SWITCH SHALL SHUT OFFTHE FAN COLLINIF FAN AND QLOSETH CHILED WATER VALVE IF THE HIGH CONDENSATE LEVEL TRIPS THE SMITCH.

TWO PRE VALVE CONTRICL. THE BAS SHALL MODILATE THE COCLING WAVE TOMANTAN TO COCK AND STATE THE COCKING WAVE TOMANTAN TO COCKING MODIFIED STATEMENT TO AND STATEMENT OWN ALLOSTING OF A LOAD STATEMENT OWN ALLOSTING OF A LOAD STATEMENT OF COCKING OF COCKING

95% UBO SUBMITTAL NOT FOR CONSTRUCTION

- OWING, PACKAGE SHALLEE ELECTROMECHANICAL OPTION, FACTORY WRED WITH ALL NECESSARY RELAYS SWEETY SWITCHES FOR UNIT OP BANTON. TERMINAL STRIP PROVIDED AT UNIT FOR ANY WRING TO RELD MOUN. SIEMENS COMTROLLER.
 - - UNITSHALLING, LDE METAL SHROUD UNT HOUSING COVER FOR ED SHROUD HOUSING COVER SHALL BE COORDINATED WITH ARCHITEC

DUCT-MOUNTED HEATING AND COOLING COLLS (HWC-1 & CMC-1);

- TYPE: GREENHECK MODEL GRSI OR EQUAL.
- CONSTRUCTION ROCF VENT SHULL HAVE ALL ALLIMININD EXTEROR CONSTRUCTION WITH GAVANZED STEEL TREIGNS SHOOTIST, JUIKT STEEL HAVE AN WITES, BROSCHEEN AND A BUILT-IN CURBICAR, UNIT SHULL ER INTERIOR SHOUTED WHITH MAD VENZED DAMIER IN NEOF CURB.
- PREVARCATED ROSF GURB GREENHECK MODE, GRIFG GREQUAL, GURB CONSTRUCTION SHALL BEGAL WAZES STEEL GREGTRUEDS ALUMNUM WITH CONTINUOUS WELDED AND MITERED CORRERS SEAMS TO FORM A REGIOAL LEAK-PROOFS SIELL, CARRI FEIGHT SHALL BE A MANAMA IZ NOHES ARONE THE TOP OF THE ROCHING SYSTEM.

TEMPERATURE CONTROL SYSTEM

- - THE MIOSTATS (AC) HEATING COCLING THE MIOSTATS SHALL BE AS RECURED FOR THE SECURICE OF CONTRICL AND AC ECUIPMENT NOTE. THESE UNIT THE MIOSTATS SHALL BE ECUPPED WITH ADJASTATE FOR HEATING AND COCLING.
 - TEPPEN UNE ESPECYOS, AL TERFERA UNE ESPECYOS TO DE SCLUD STATE EL PROYC FACTONY CALBINITED TOWNIN 10 ST. TOTAL IN WEIGHAWGES BE WITH HAUSING APPR STREAM.
- DWIFER ACTUATORSSHALL BEPROVIDED FOR ALL AUTOMATIC DAMPERS AND SHALL BE OF SUFFICE CAPACITY TO OPERATE THE CONNECTED DAMPER.
- CONTRICLIVALISES 2 MD SIMULER SHALL BE BRONZE, SOTEMED THPE AND SHALL BETANIED AT ZAOPSIG WALKESSHALL BEZEED BY THE CONTRICL SMALL BOARDS AND THE AUXIMALIAMAZINAEE FRESSINE POPP SHALL BE FEET WITHST COLLIAN WAVE ACTUATIONS SHALL BE ELECTRICKS SPRINGRETURE LO VICTAZE, AND ROCHRELY SELECTED FOR WALKE BOOF MOSSINGE.

LAWRENCE PROCCATES
CARACTER CARACTER PROCCATES

 Ξ

SPECIFICATIONS -HVAC







© PARTIAL THRID FLOOR PLAN - NEW WORK - DUCTWORK MONTH STATE WHITE PLOOR PLAN - NEW WORK - DUCTWORK

PARTIAL THIRD FLOOR NEW WORK PLAN - DUCTWORK

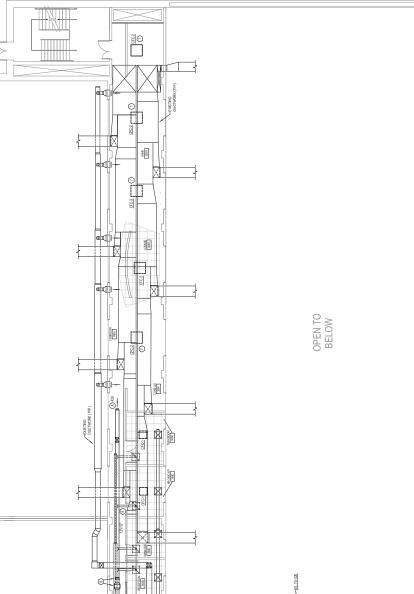
LAWRENCE PERFORMANCE CONTRIBUTION PROPERTY CONTRIBUTION C

MOUNT CELING CASSETTE (CYC.), RECESSED BETWEEN EXISTING CONCRETE BEAMS, PROMOT MOUNTING SUPPORT CHANNES IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

RA-LICKATED ON ROCE BYSINE WTAKE YEN'TS LICKATED AN WINNAM WEROM ALL OTHER DAMJST AR DSCHARGESYRING ON ROCE PROVIDE MOTOR OPERATED DAMPER (M.CI), AND NSCT SYREN, RASH AND SEAL PENETRA WEATHER TICKATED. 9/X10 INSULATED EXHAISTOUCT UP TO ROCF. TERMANTE DUCINVORK WITH GOOSBECK PROVIDE MATER OF SPREIN FLASH AND SEAL ROCF PERETRATION WEATHER THOM.

PLAN NOTES:

NSTALLERW! IN STRICT ACCORDANCE WITH THE MANUFACTURER'S ENSIRE ALL REQUIRED SERVICE CLEARANCES ARE MANUMED.



389

DEBREF

EX TU-224

WES TRAULE 362

TELE COMM.

388

D300









200	
08/14/24	
RDF	acked
BCF	wn

PARTIAL THIRD FLOOR NEW WORK PLAN - PIPING

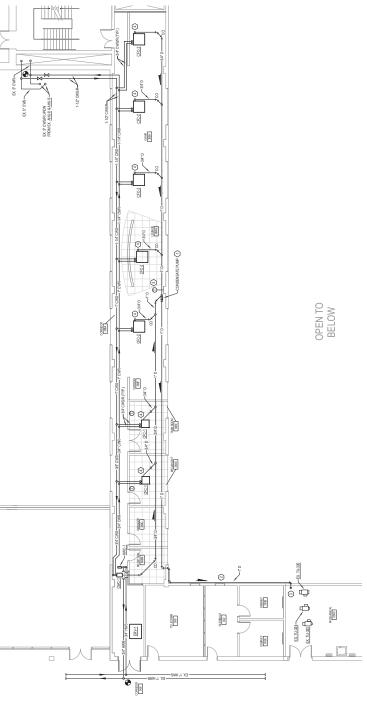




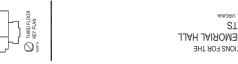
- LITLE GIMT CONDBISATE RUIP MODE, VOMA'S OR BOULL, COLDENATE FROM CELLNG GASSETTES (CFC.18, GFC.3) AND BUCH MONTED COCUNG COLL SHALL BE CONSOLIDATED AND PUIMED TO DISIN MECHANICAL.

- 1. ROLIE F CORDERATE PRINCIPATION UNAUTHANISM SLOCE OF ALLUSTS OF PREFINOR
 1. ROLIE F CORDERATE DOWN TON CORDINAN RECOMMENTALISMS REPREFINED FOR THE COMMENT OF THE PROPERTY OF THE CORDINANT OF



















PARTIAL THIRD WORK PLANS-SPRINKLER

LAWRENCE PROCESSES CONTESSES PROCESSES PROCESS

_		
	SPRINKLER LEGEND	
	CBUNG	
	NEW CONNECTED TO EXISTING	æ
	P P NG NDICATION WITH RESPECT	,
	TO WATER R.OW	,
	SIDE CONNECTION	9€
	CONNECTION (BOTTTOM, TEE OR TOP)	5-
	TOP TAGGOFF	
	TURN DOWN OR IROM BELOW	٥
	TURN UP OR DOWN	
	P P E HWGER	
	RECESSED PENDENT SPRINKLER HEAD, NEW	
	UPRIGHT SPRING_ER HEAD, NEW	
	RECESSED PENDENT SPRINKLER HEAD, EXISTING TOBEREMAIN	
	SPRINGER PIPE, NEW	
	SPRINGER PIPE, EXISTING	

THE EXISTING SPRINGER SYSTEMIN THE RENOW TED PREAS SHALL BE MODIFIED AS PECUIFED TO PROVIDE FILL. SPRINGLER COMENGE IN ACCORDANCE WITH YEPA 19,30 WAND THE 2018 VRIGINA CONSTRUCTION CODE. 2 INSTRUCTION SHALL BE ACCONTACHED BY ACCONTRACTOR WHO IS DLLY L'CENESCIAND ACCREDITED IN THE INSTRUCTION OF AUTOMATIC SPRINKLER SYSTEMS AND FRE PROTECTION EQUIPMENT FOR THE PAST THREE Y

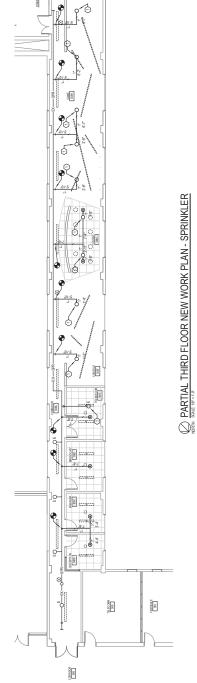
SPRINKLER SYSTEM NOTES AND SPECIFICATIONS:

OROGEOGRAPHICA CONTRACTOR OF THE ORIGINAL CONTRACTOR CO	CEUING REW COWRECTED TO WHITE A COWNECTED TO WHITE	TO ENSITING IN WITH RESPECT IN	SPRINKLER LEGEND Co The state of the state
--	---	--	--





- THE SYRING ERS INTER IN THE REDIONATED. AREAS SHALL LIGHT HAZARD DE SIGNED TO PROVIDE 0.10 GRANSO. FT. CUER. SIGN 55. FT. FLUS AT INCHANGE. THE STRANDAMET. THE STRANDAMET WE SHALL SEWET US NO 155 DEG. F. SYRING ETH FLUDS. AND CORRENOMET HAZARD ST. FERHEND.
- SPRINKLER HEAD SCHEDULE



PLAN NOTES THIS SHEET: O

1. UPRIGHTSPRINGERBLOW LARGE DUCT.

SP1







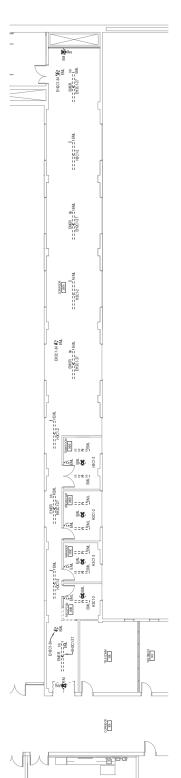












© PARTIAL THIRD FLOOR DEMOLITION PLAN - LIGHTING

RENOVATIONS FOR THE WAR MEMORIAL HALL ESPORTS
BLACKSBURG, VIRGINIA

THIRD FLOOR

PLAN NOTES:

VIRGINIA TECH.

ARCHITECTS

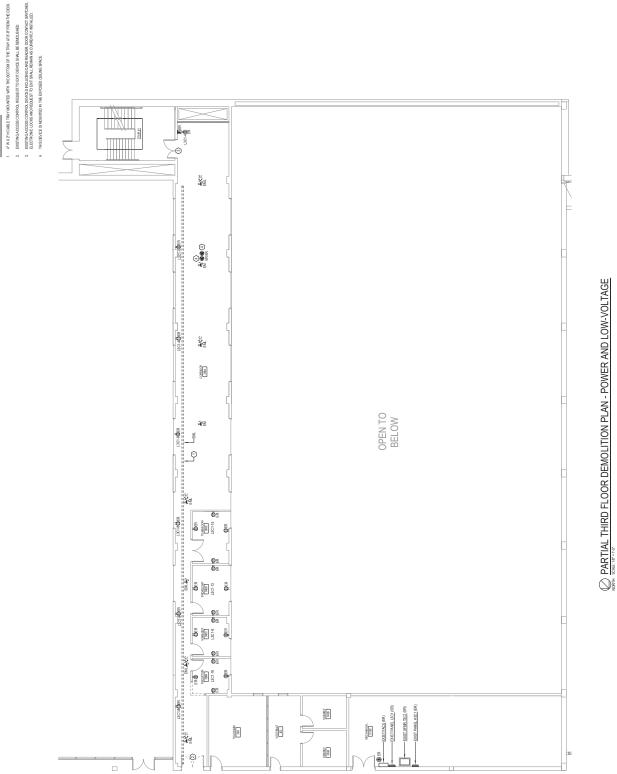
BIOLOGISH SEGUE SEGUE

PARTIAL THIRD FLOOR DEMOLITION PLAN - POWER AND LOW-VOLTAGE





ED2



DEBREF

CORROCA

SAMEAL SOURCE STATES SOURCE STATES SOURCE STATES SOURCE STATES			ECTRICAL LEGEND - LOW VOLTAGE		ELECT	ELECTRICAL LEGEND - LIGHTING CONTROLS
COMMUNICATION (DATA AND ON YOLDS OTHER CALLAR COMMUNICATION (DATA AND ON YOLDS OTHER CALLAR COMMUNICATION (DATA AND ON YOLDS OTHER CALLAR COMMUNICATION (CALLAR CALLAR) ELECTRICAL LEGEND - FIRE ALARM SHARA S	MTG.HGT.	SYMBOL	DESCRPTION	MTG. HGT.	SYMBOL	DESCRIPTION
© Production (PATA MODE) FIRE ALLARM S\(\frac{1}{2}\) S S S	1-8" TO TOP	•	COMMINICATION (DATA AND/OR VOICE) QUITLET, WALL	4:0"TOTOP	Ş	GENERAL USE SWITCH SINGLE POLE LOWER CASE ALPHASE TIC SUBSCRIPT, WHERESHOWN, INDICATES LOADS CORRISCLED, (TYPICAL FOR ALL SMITCHES).
Processing Section Control to		•	COMMUNICATION (DATA ANDOR VOICE) OUTLET, CELING	4'0'TOTOP	\$17	SMITCH, LOW VOLTAGE LIGHTING CONTROL, WALLBOX MOUNTED. NUMBER INDICATES THE AS SCHEDULED ON DRAWINGS ON IN SPECIFICATIONS.
ELECTRICAL LEGEND - FIRE ALARM SOME SHORE OF EVENCIOLAGE SOME SHORE OF SEVENCE CHANGE SOME SHORE OF SEVENCE CHANGE SOME SHORE SHORE OF SEVENCE SHOWERS AND HOUSENESS OF SEVENCE SHOWERS CHANGE SHOWERS OF SEVENCE SHOWERS CHANGE SH		©	POKETHRU ASSEMBLY COMBINATION RECEPTIZIETE, ECOM MILTERBRIGE FLOOR BOX, NUMBER HOLGATES TIPEAS SCHEULE D ON DRAWINGS CAN SPECIFICATIONS. ALPHAMURENC OR NUMBER C. SUBSCHEM, MERE SHOWN, NOTCATES CINCUIT.	4:0" TO TOP	\$17	6-10/ DIRAKER, LOW VOL,TAGE LIGHTING CONTROL, WALL-BOX MOUNTED. NJIMBER INDICATES TIPE AS SCHEDULED ON DRIWINGS OR IN SPECIFICATIONS.
SON DE RESIDON CEIDAG. SON DE RESIDON CONCENTE. RESIDON CEIDAG. SON DE RESIDON CONCENTE. SON DE RESIDON CONCENTE. SON DE RESIDON CONCENTE. SON DE RESIDON CONCENTE. SON DER RESIDON CO			LECTRICAL LEGEND - FIRE ALARM		6	OCCUPANCY SENSOR, CELUNGMOUNTED, NUMBER INDICATES TIPEAS SCHEDULED ON DRAWNINGSOR IN SPECIFCATIONS.
© SHOPE OF RECORDING	1.0	SYMBOL	DESCRIPTION		8	COMBINATION BRANCH CIRCUIT BARRACHO'R LIGHTING TRANSFER SMITCH (IL. 10)8) AND ALL'OMATIC LOAD CONTROL PELLY (ILL'OMATIC LOAD CONTROL PELLY (ILL'OMATIC LOAD CONTROL PELLY (ILL'OMATIC LOAD CONTROL PELLY (ILL'OMATIC LOAD CONTROL PELLY LOAD CONT
THE CTRICAL LEGEND - POWER DEVICES WAS A RECORD OF THE A ADMINISTRATION OF THE		0	SMOKE DE TECTOR, CELLING.			OF LOCAL WITH HONOR OF THE FIDESCRIPTED THE FLOSO OF MULTIWAY INCLUDED TO CLOSE OF MULTIWAY INCLUDED THE SERVICE. SHOWING THE LOCAL WITH HONOR WITH WE LIBERCE SERVICE THE SERVICE THE SERVICE THE SERVICE SHOWING THE SERVICE WHITH SERVICE WITH SERVICE WITH SERVICE WITH SERVICE WHITH SERVICE WITH SERVICE WHITH SERVICE WHITH SERVICE WITH SERVICE WHITH SE
One See Leaduring of See See See Report	700	u.	FIRE ALARM MANUAL PULL STATION, WALL			CERTEM ITS PLANKER WERR INCOME. PARKER LOSS IS BITMAS A MILL SWITCH OF ALL UN- GENERAL TO SUPPLED USENTING LOADS TO BITEMASE. WHEN KORML POWER B LOST: 3) BITMAS A DIMINIC BY ONE MILL MODERNIES TO BITMASE TO A WILL MIND FOR BY BUT AND TO BE A DIMINIC FOR BY BY AND THE STATEMASE WHEN TO BE A DIMINIC FOR THE STATEMASE WHEN TO BE A DIMINIC FOR THE STATEMASE TO BE A DIMINICATION FOR THE STATEMASE TO BE DOWN FOR THE ST
ELECTRICAL LEGEND - POWER DEVICES SWAZ		8	FIRE AJARIA HORN OR SPEAKER (AS INDICATED IN SPECIFICATIONS) WITH NTEGRAL WISJAL, DEVICE, CELLING, NUMBER INDICATED NSJAL, DEVICE MANMAJJI CAVIDE, ARATING.			USING AN AUXILMAY RELAYCONTACT.
ELECTRICAL LEGEND - POWER DEVICES 12 97/802. 13 97/802. 14 10 10 10 10 10 10 10 10 10 10 10 10 10		()	FIRE ALARM HORN OR SPEAKER (AS NOICATED IN SPECIFICATIONS), CELING.			ELECTRICAL LEGEND - LIGHTING
ELECTRICAL LEGEND - POWER DEVICES TO SECURIOR ELECTRICAL LEGEND - POWER EQUIPMENT ELECTRICAL LEGEND - POWER EQUIPMENT TO SINGLE SIGNATURE CONNECTOR TO SIGNATURE SIGNATURE CONNECTOR TO SIGNATURE SIGNATURE CONNECTOR TO SIGNATURE SIGN				MTG. HGT.	SYMBOL	DESCRIPTION
SWACA SIGNACA SIGNACON		ELE	CTRICAL LEGEND - POWER DEVICES		•	LIGHTING FIXTURE TYPE DESIGNATION.
PO TECTRICAL LEGEND - POWER EQUIPMENT ELECTRICAL LEGEND - POWER EQUIPMENT SWAZA SECRETOR CONNECTOR SWAZA SECRETOR CONNECTOR SWAZA SWAZA SWAZA CONNECTOR SWAZA CONN	31.	SYMBOL	DESCRIPTION			THE SECTION OF THE PROPERTY OF
SIMBOLA CORDIT CONCEIDENT	90	Φ	RECEPTACLE, DUREX, WALL, ALPHANUMERO, OR NUMERO, SUBSORPT, WHERE SHOWN, INDICATES ORGUT.		0	LOS HING PATURE THE LOS CENTROS ONE THAT CONTROS ONE THE LOS CENTROS WITH LOS THING STATURE LDS. CENTROS ONE MERCHED ONE MERCHED CONTROS CONTROS CONTROS CONTROS CENTROS CONTROS CENTROS CONTROS CENTROS CENTROS CONTROS CENTROS CENTR
SYMBOLA		ELEC	TRICAL LEGEND - POWER EQUIPMENT			E DESIGNATION)
CHOMBOOKEDTON	E	SYMBOL	NOTABLE		0	LIGHTING FIXTURE, LED, CELLING MOUNTED.
(b) BECTHOLORIO CONSCITOR DP MEDIAN COT SHANDS ON ALIGHNON TED INVELDINED THICK AS ABSTRICT SHANDS ON ALIGHNON TED INVELDINED BECTTALCE SHANDS ON ALIGHNON TED INVELDINED THE CTRICAL LEGEND - RADORD ON ALIGHNON TED INVELDING ON THE OWN OF SERVING TO CORDIT CONCELLED IN WALL ON HONG SERVING CORDIT CONCELLED IN WALL ON HONG SERVING 2		10.1	GROUND COMISCITION		፟	LED EXT SIGN CELING MOUNTED. SHAZED QUACRANTIS) INDICATES FAZESI, PROVIDE ARROWS AS NOTCATED ON DRAWINGS.
THE CARLO FOR SHAPE OF ALSH MONTED WRILEDWED THE COTRICOAL LEGEND - RACEWAYS THE COTRICOAL LEGEND - RACEWAYS THE COTRICOAL SHAPE OF THE WAY CONTRIBUTION OF THE WAY OF THE WAY CONTRIBUTION OF THE		<u>≅</u> \	BLECTRIC MOTOR CONNECTION.			ELECTRICAL LEGEND - GENERAL
PO MENTINATE SIRVACIO IN LOS HOUTED INVARIADORD. ELECTRICAL LEGEND - RACEWAYS SINDEA CONDITIONAL OF RECHING HOUTED IN THE CONDITIONAL OF RECHING HOUTED IN THE CONDITIONAL OF RECHING.	ф		208/1/20 VOLT SURFACE OR FLUSH MOUNTED PARELBOARD.	MTG. HGT.	SYMBOL	DESCRIPTION
ELECTRICAL LEGEND - RACEWAYS SIMEX DESCRIPTION DESCRIPTION SIMEX DESCRIPTION DESCRIPTIO	100	/	480277 VOLT SUIPFACE OR FLUSH MOUNTED PANELBOARD.		0	PLANHOTE DESIGNATION.
SIMBOL DECEMBED DECEMBED SECOND		Ш	LECTRICAL LEGEND - RACEWAYS		⊲	RENSON DESIGNATION.
1. 1. 2. 2. 2. 2. 2. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	12	SYMBOL	DESCRIPTION		N.A.M.3	ORGUIT DESIGNATION, DESIGNATION SHOWN INDICATES PANEL IN A 14 AND GROUT NUMBER 3.
. 2			CONDUIT EPPOSED.	NOTES (ELECT	RCALLEGEND):	
2			CONDUIT CONCEALED IN OR BELOWFLOOR SLAB OR BELOW GRADE.		RE STANDARD BLECT AND ELECTRICAL	RICAL SYMBOLS AND MAY NOT ALL APPEAR ON THE PROJECT DRAWNGS, HOWEVER, YMBOL APPEARS ON THE PROJECT DRAWINGS, THE ITEM SHALL BE FURNISHED AND INSTALLED.
FROM PRIVATE TO TOP OF EXCES OR EQUIPMENT.			CONDUIT CONCEALED IN WALL OR ABOVE CRUNG.		G HEIGHTS NOTED GHEIGHT INDICATE SECOR MOLIMINGS	INTO THE SCHEDULE ARE FROM ENISHED FLOOR TO TOP OF OUTLET OR EQUIPMENT, UNO WHERE A OVEN THE DRAWNESS IS DEFERRED FROM THE LEGEBLY. THE ROWNING TAKES RECEIBLE. SEE FROM THE TOWN THAT DRAWNESS AND THE DECEMBLE. SEE FROM THE MAINTAIN A THE LEGEBLY BAYTOT AN THE POLYMENT OF THE POLYMENT O
				FROM RI	ISHED FLOOR TOT	P OF DEVICES OR EQUIPMENT.

ELECTRICAL ABBREVIATIONS

March Marc				
ACCOUNTS ACCOUNTS ACCOUNTS				
Comparison	AORAMP	ARANDONED	NC NI	INCANDESCENT INFIA
## ## ## ## ## ## ## ## ## ## ## ## ##	Ng:	ABONE	9	JUNCTION BOX
WATER DESCRIPTION OF THE PROPERTY OF THE PRO	NC NC	ALTERVATING CURRENT ARONE COLINTER BACKSPLASH	KCML	THOUSAND GIRCULAR MILS MACCICALIT
ACCORDING ACCOUNT	AF OR AFI	ARC FAULT INTERRUPTER	2	MLOVOLT
Comparison	WED.	ADJUSTABLE PREQUENCY DRIVE	KVA	NILOVOLT- MPERE
MATCHING	44	ABOVE FINISHED R.COR	KVAK	NLOWALI-AMPERE REACTIVE
ACT	2 4	ARANDONED IN PLACE	KWH	NLOWATT-HOUR
Comparison	×	ALUMINUM	5	UGHTWINGARRESTER
WATTERSTONE WATERSTONE WA	W	WMETER	0 00	IOM DESCRIPE SOUR
MARCHA PANNES GOOD AT THE STREET OF THE ST	ASYM	ASSYMMETBICAL	8 %	LIGHTING RELAY PANEL
MAY	ATS	AUTOMATIC TRANSFER SMITCH	LTG	UGHTNG
MACHINE MACH	WWG	AMERICAN WIPE GAGE	MUU	LUMENS OR LUMINAIPE
BELDING	848	BULDING AUTOMATION SYSTEM	MMG	MAGNETIC
Commenced Comm	88 8	BELOW	MAN IN	MACTED ANTENNA TELESCON
Control Cont	8 8	BUS DUCT	MCA	MINIMUM CIRCUIT AND ACITY
COMMITTED COMM	88108	BEMER	MCB	MAIN GROUIT BREAKER
Out ## O	ú	COUNTERTOR	MCC	MOTOR CONTROL CENTER
Control	. 5	CABLE	MCM	THOUSAND CIRCULARMLS
CONTINUES CONT	CAB	CABINET	MDF	MAIN DISTRIBUTION FRAME
Comparison	CATV	CABLE TV	WG	MOTORIGENERATOR
COUNTY C	85	CRCUIT BREAKER		METAL HALDE OR MOUNTING HEIGHT
COUNTY C	CCIV	CLOSED CIRCUIT TELEMISION	NIN C	MANUALITICS CARN
CONTINUED CONT	5 5	COMPACT PLUCKESCENI	MMS	MANIA MOTOR STARTER
COUNTY C	38	CRCUII	MAS	MASS NOTIFICATION SYSTEM
COMMENT COMM	3 5	COMPILE	MOCP	MAXIMUM OVER CURPENT PROTECTION
COLUMN	CMTR	CENTER	WOO	MOTOR OP ERATED DAMPER
CONTICUOS NEW CONTICUOS	COMB	COMBINATION	MOT	MOTOR
CONTRICT	COMD	CONDUCTOR	SW	MAGNETIC STARTER
COMPANY COMP	COMM	CONNECTION	MTG	MOUNTED OR MOUNTING
COLORED PROCESSES PROCES	COMT	CONTACTOR	MIR	METER
Comment	CR	CORROSION RESISTANT	W	MERCURY WAYOR
COO WARTER NEW YORK	CT	CURPENT TRANSFORMER	NORNORM	NORIAL METOMINI PLEOTING IL CODE
COOK	CTRL	CONTRO.	e la	MATICINAL ELECTRICAL CODE
COORDINATES 1975	3	COMMER	NE CO	NOW ELIGIBLE CAPETY CANTON
DOI: 100.000 DOI:	M.	COLD WATER	8 2	MONTO GIBE SPECIT SMILES
THE STATE OF THE S	80	DOOR BELL	2 9	NIMBER
COOK MELLOS SERVICES P. 19	00	DIRECT CURRENT	2 3	CARDINA
COOK MINCH	DIM	DIMENSION	5 a	DOLL
RESIDENCE SENDEZ SENDEZ PER DE CONTROLLE DE	DISC	DISCONNECT	. 8	DILL BOY OB BISHBITTON
BERTAINCE	8	DOOR RELEASE SERVICE	2 86	PUSHBUILDIN STATION
BATTOON REPORT OF THE PART O	SO	DOOR SMITCH	Æ	PHASE
RATE AND THE PROPERTY OF THE P	DWG	DRAMING	ING	DAME OF DAMEROLES
Commence	EOREMER	EME HOSEN CY	DALDON	DOWN BOARD
Designation of the control of the	2	EMPTY CONDUIT	DOI	DOMADA
CONTRACTOR OF THE CONTRACTOR O	ECNC	EXIST CND AND NEWCONDS	i la	POTENTIAL TRANSFORMED
Line	EGC	EQUIPMENT GROUNDING CONDUCTOR	D.V.	BOLWING CHICAGO
DOS SERVORO DOS S	ы	EXIST RELOCATED TO THIS LOCATION	OWO	DOWNED
Col.	B.EC	ELECTRIC OR ELECTRICAL	NIO.	CUMMITY
March Marc	erev	ELEVALOR	RB	RELAYBASE
Deciding	MG 1	EXIST REMOVED	REC	RECEPTACLE
Comparison	EWL	EXIST REMOVED AND RELOCATED	REFRIG	REFRIGERATOR
Description	DAT	DISTRIBUTED AND NEW INSTALLED	RGS	RIGID GALVANZED STEEL CONDUIT
Comparison	ENG	EVO. OSURE	08	SPACE ONLY
TOTAL CONTRICTOR TO THE STATE OF THE STATE O	ENG	ENGNE	8 8	SUDDICTION DATE
ELECTRIC CONTRIBUTION OF THE STATE OF THE ST	в	ENLOSIONPROOF	5 6	SECONDADY
The control of the	EQUIP	EQUPMENT	8 8	SINGLE STATION
ELETTIFICATION STATE	£ 8	EXELIOREMIN	SWD	MOTOR OPERATED SMOKE DAMPER
DESTRUCTIONS AND ADMINISTRATION OF THE STATE	240	ELEVATOR NEUGLI	SWR	SURFACE METAL RACE WAY
	FOST	EXSTING	8 8	SOLID NEUTRAL
THE WAY OF THE PART OF THE PAR	Ed	EXTERIOR	h 9	SHEUAL PURPOSE SHEGERROTECTIVE DEVICE
1,000 1,00	¥.	FIRE AL ARM	SPIGS	SPEAKER
13	200	FIRE ALARM CONTROL PAREL	95 :	SURFACE RACEWAY
12	200	FEEDER	8 5	SURGESUPPRESSOR
NUMBER N	5	FOOTCANDLE	NIS WIS	SMITCH
15	FWOR	FLUORESCENT	SWBD	SWITCHDARD
100 100	89	FIRE/SMOKE DAMPER	SWGB	SMICHGEAR
1	8	FUSBLE SAFETY SWITCH	SYM	SYMMETRICAL
1	Y C	DECEDENCE COLUD	ı-i	TAMPER RESISTANT
Control Cont	9 8	CABACE DOOR	21	TIME CLOCK
Control	OEC	GROUNDING BLECTRODE CONDUCTOR	₫ ≥	TELEPHONE TELEPHONE
CONTROL OF ALL DESIGNATION AND ALL DESIGNATI	NGO.	GENERATOR	ž.	TYPICAL
COUNTY C	GF,GFI,GFCI	GROUND FALLT GROUIT INTERRUPTER	>	USB CHARGER
COTO	150	GROUND FALL I PROTECTION PROTECTED	on	UNDERCOUNTER
FORTION CONTEXTON,	0.00	GENERATOR TRANSFER DEVICE	5	UNDERFLOOR
Comparing the property of th	HORHOR	HORIZONTAL.	20 =	UNDERGROUND
0	£	HOSPITAL GRADE	OND	UNLESS NOTED OTHERWISE
Charles Char	HGT	HEIGHT	>	VOLT
19	e de	HAND-OFF-ALTOMATIC	*	VOLT-WPERE
FFF	£	HORSEPOWER OR HEAT PUMP	WAR	VOLT-AMPERE REACTIVE
THE STATE OF THE S	±:	HIGH POWER FACTOR	VED.	VARIABLE FREQUENCY DRIVE
W	¥.	HIGH PRESSURE SOCIUM	VW	VOLTMETER
1 KI SHESH SWANERIA NEBRUTUK GANOTYY NEB TONER ABBRANDO DE TREBOLITIEN ABBRITOTY OPREV TONER TONER ABBRANDO DE TREBOLITIEN ABBRITOTY OPREV TONER TONER ABBRANDO MATERIAL TONER ABBRANDO TONER ABBRANDO TO	1	HOT WATER	× 5	WATT OR WIRE
C INTEGRAL OF MEMBERS OF A MAN TO THE TOWN OF THE TOWN	보	HERTZ	2 91	WEATHER PROOF
L PRINCIPATION DE BROUNTWINE YARIN TRANSPORER ACC REPRESENTATION CONTOUR CONT	ω ί	INTERCOMOR INTERRUPTING CAPACITY	XER	TRANSFER
INC. MIRREDINE INFLINE INFLINE INFLINE CONDUT. 1. ALL ARRESHIVE MISTER AND ANY TO THE PROJECT. PERFORMED THE REPORT TO THE ARREST AND ANY TO THE PROJECT. PERFORMED THE SERVING AND ANY TO THE PROJECT. PERFORMED THE SERVING AND ANY TO THE PROJECT. PERFORMED THE SERVING AND ANY TO THE PROJECT PROJECT P	<u> </u>	IN LERMEDIA LE LISTIK BUTTON PHAME ISOLATED GROUND	XRAR	TRANSFORMER
TOTE GLECTROLA, MOREWAITONS 1. ALLEGEMENT THIS SECURION TO THAN MOREWAITONS WAS USED TO OTHER ABREMATION 1. SECURIOR THIS SECURION TO THE WASSENATION OF THE ABBREMATION 1. SECURIOR THIS SECURION TO THE WASSENATION OF THE ABBREMATION 1. SECURIOR THIS SECURION TO THE ABBREMATION OF THE ABBREMATION 1. SECURIOR THIS SECURIOR TO THE ABBREMATION OF THE ABBREM	IWC	INTERMEDIATE METAL CONDUIT		
NOTE ALL ABREAT HOUSE. 1. ALL ABREAT THINGS LISTED MAY NOT YOU TO THIS PROJECT. REFIR TO OTHER ABREAMTON LISTS BLEACHFIELEN HISSE DOCUMENTS FOR ABBREAMTON NOT LISTED HERE.				
 ALL ABBREVIATIONS LISTED MAY NOT APRLY TO THIS PROJECT. RETER TO OTHER ABBRENATION LISTS ELSEWHEREIN THESE DOCUMENTS FOR ABBRENATIONS NOT LISTED HERE. 	NOTE (ELECTF.	ICAL ABBREVATIONS:		
LISTS ELSEMHERE IN THESE DOCUMENTS FOR ABBREMATIONS NOT LISTED HERE.	1 ALLABSE	EVILTONS LISTED MAY NOT APPLY TO THIS PROJ	ECT. REFER TO OTH	ER ABBREMATION
	USTSEL	EWHEREIN THESE DOCUMENTS FOR ABBREVIATION	DNS NOT LISTED HE	82

П

SENERAL NOTES:

- LOJO SICE CONDUCTOR AND CONDUIT SIZES FROM DISCONNECT SMITCHES, STAPIERS AND VFOS TO EQUIPMENT SMIL BETHE SAME AS LINE SICE CONDUCTORS AND CONDUIT.
 - CAREFULY COCRDINATE ALLELECTRICAL EQUPINENT LOCATONS WITH DUCTVORK, PIPING AND NECHANCAL EQUIPMENT. MAINTAN ALL QLEMANCES AND SPACES REQUIRED BY THE NEC. WHERE MULTIPLE CROUTS ARE COMBINED IN A SINGLE CONDUIT, DERATE CONDUCTORS PER THE NEC.
- SEE ON DRIWING SPECFICATIONS FOR REQUIREMENTS RECARDING OVERSIONS CONDUCTORS FOR HOLE SAME WITHOUTS TO FOR HOLE OF THE WORLD STORE OF THE WITHOUTS TO FORE OF THE WITHOUTS TO FORE OF THE WITHOUTS FOR HOLD WITH THE WHILE SCHEDLES OVERSIED CONDUCTORS FOR VIZINGEDAPP ON OTHER ORDINS ARE MOCATED IN THE PARIEL SCHEDLES.
 - HILESS NDCATED ONERWISE ALL EXTSIGNS AND THEY CLACE SENSING TERAINALS OF ALL GITDSSMALL RE-CONNECTED MEAD OF ALL SMITCHES, RELAYS, SENSORS AND POWER PACKS WITH 2 ATO 14 JE CROLAND MISM SYNDHIT.
- ALL BLERGERICY LIGHTINGFYTURES SWILL BE MARKED SOAS TO BE IDENTIFED BY NSULL INSPECTION FOR TESTING UPPROSES, IDENTIFICATION FOR THE VEHICL FORTICKS OF LOWER OR ON THE UPPORT FELENS.
- E XACTLOCATON AND ORIENTATION OF OCCUPIACY SENSORS SHALL BE AS RECOMMENDED BY MANIFACTUREN TO OBTAIN COMPLETE COMERAGE, ALL OCCUPIANCY SENSOR TIME DELAYS SHALL BE SET TONOMORE HAM 20 MRIUTE
- PROVIDE ALI, JODITIONAL, DEVICT POMER NEEEDS FOR THE REILA FAIR SYSTEM, PROVIDE CROLIT BREMEST, WAN CLEARLY, HAND CLEARLY, HAND CLEARLY, BROWNER THE BENEST AND CONTRICT BREAD CONTRICT BR IT SHALL RETHE CONTRACTOR SRESPONSBLITY TO DETERMINE ALL PANEL BONED AND SMITCHBOURD FEET. ENTRANCE LOCATIONS (TOP, BOTTOM, S.DE). UNLESS NODATED OTHERWISE, SWITCHES AND OCCUPANCY SENSORS IN A ROOMSPACE SHALL CONTROL FIXTURES IN THAT ROOMSPACE.
- - - WHER REJECTOR DISTING CORDIT, WARRA MOTOR OTHER BOXES IN UNCATED. A SO PROVIDE NEW WEBSIAL INCRESSANT PROVIDED WAS RETEXANDED WAS TO RESERVE WHICH WE RELEASON TO SOFT WHERE SECURIZELY INVIDENT DISTINGUES AND TO SOFT TO SOFT WAS TO SOFT WHICH WE WEBSIAL WE SECURIZELY INVIDENT TO TO SOFT WAS TAKEN WE WE RANNOW THE TO SOFT WAS TO SOFT WAS TO SOFT WAS TAKEN WE SHALL BE APPOYED BY THE WOUNTEST.
 - PROVIDE SHALLOW BOXES FOR NEW DEVICES IN FURRED WALLS, COORDINATE DEPTH WITH ARCHITECTURAL
- MARE CUTETS ARE SHOWN ABOVE A COUNTER OR SMLAR SURFACE WITH A SPECIFC MOUNTING FEIGHT OF COUNTING MEDICAL WITH BOTH HE SURFACE BELOW AND WITH ARY WALL INCURTED ARCHITE. ASSOCIATED FROM THE SOFT HE SURFACE BELOW AND WITH ARY WALL INCURTED ARCHITE.
- FOR WALL DEVICES MOUNTED ABOVE AROHITECTURAL ITEMS, COORDINATE MOUNTING HEIGH IS OF WAL. THAT THEY DONOT IN TERFERE WITH ARCHITECTURAL ITEMS.
 - WHERE SURFACE RACEWAY IS USED, COORDINATE WITH MARKERBOARD, TACKBOARD AND SKARTBOARD LACKBOARD AND SKARTBOARD L FOODERT O MOOD INTERFERENCE WITH RACEWAY, ALL USE OF SARFACE RACEWAY SHALL BE APPROVED BE MODITED. FOR ALL EXISTING CUTLET BOXES THAT ARE NOT BBING REUSED, PROVIDE BLAIK CONER PLATETO MATO: PLATES IN THAT AREA.
- SEE ACHTECTURA DRAWIGS FOR RATED WALL, FLORS AND CELING CORS TRUCTON, AND PROVIDENCESS. PRATIOD EVIDES AND FIRE SEEL ANT FOR PRETINE TRICKNY KHIEBER IN WICKUES WE SKOWN RECOSSED IN KHIE PRATIONS, CARELLLY COCKRIN, TELOCALIVAS AND OFFISEIN.
 - MODEY EXSTINGPINEL SCHEDLES TO ACCURATELY REFLECT ALL CHANGES MAZE ASPART OF THIS CONTRACT. THEN REQUERE IN RESIDENCE SHELLAN HOTO BROAD ACCURATE HEW THYED'AS BUILT PANEL SCHEDL HARDWATTERANEL SCHEDLES WILL NOT EE ACCEPTED. HOWERUY CONDUITS SHALL BE RUNDOWN CORRIDORS FROM THE RESPECTIVE ELECTRICAL ROOM (NOT CLASSROOMS OR OFFICES OR OTHER SMALAS SPACES).
- DETRIBUTED TO CHRONIC CONTROLL TO CHRONIC CHRONIC CHRONIC CONTROLL TO CHRONIC CHRONIC

- WEER DES THE CALLENS MANTIOL DESTITATIONS IN HE REDVOLT REAL MES TO SERVING MES REPORTED HER MANTICES AND MEN AND CLEAN OF THE MEN AND CLEAN OF THE MEN AND THE MEN AND CHARLES AND THE MEN AND THE ME

GENERAL DEMOLITION NOTES

- LIGITIZE, GERME, DIR EDITORI, CELT CAN, SPRING ANAL, IR READS, ANGEONMENTE, LIBAT THE CONTINUES OF THE PROPERTY SHALL BE AND THE CONTINUES OF THE PROPERTY SHALL BE AND THE CONTINUES OF THE BEAUTH OF THE CONTINUES OF THE BEAUTH OF THE CONTINUES OF THE BEAUTH OF THE CONTINUES OF
- 11 TOTAL REPORT AND THE CONTROLLED AND THE CONTROL THE
 - - - - - THE RIGHT OF THE RESTREAM OF T
- - 3131. 3132. 313.
- RECEPTAGES: ALEXS TWG REGEPTAGES AND BRANCH CIRCUITS TO THE I WITH NEW UNLESS NOTED OTHERWISE TO KEID. REFOR TO <u>DEMOS SABONE</u>
- THE CONTRACTORISES, ALL STREET SERVICES ADMITS CHARGE ALL SERVICES AND SERVICES OF THE SERVICES OF THE SERVICES OF THE SERVICES ADMITS AND SERVICES AND

- EXSTRODE ROOMS MAFROOM, AND TELEPHONE CLOSETS VARIETS. ALL EXISTNO COMMUNICATION BOUPIENT IN THEE ROOMS AND TELEPHONE CLOSETSCHAMENS SHALL REMAINED AND OPERATIONAL.
- MANDER, ALL WHITE TO CHAUSHED DRIGGSAND CLUPMENT SHALL BIFFREAVED, UMESS NOTIFIONERWISE, ALL EXISTING UMEN AN THE AND THE AND THE PRESENCED OFFINE ALL ALL CHAUSHED WISE WHITE ARE ARE THE AND THE PRESENCED OFFINE ALL ALL CHAUSHED AND THE PRESENCED ALL WHITE OFFI SHALL BE AND THE PRESENCED ALL WHITE OFFI SHALL BE AND THE PRESENCED. ALL WHITE OFFI SHALL BE AND THE PRESENCED ALL WHITE OFFI SHALL BE AND THE PRESENCED.

- THE CONTRACTOR SHALL VISIT THE STE PRICE TO SUBMETING IID AND SHALL VISIES YALL DEINXLITON REQUIRD. ACCITIVANT WILL NOT BE ALLONED FOR DBILDLITON DUE TO CONTRACTOR NOT VISITING SITEAND DETERMINIS PLLESCOPE OF DBINCLITO

NAMERS SERVINGE THE SEASON PRINCE SERVINGE SERVI SETHE ALTO-WORNEN THE SERGAT OF SUBJECT OF JAKE THE SERGAT MACCIDINAL STREAM THE SERGAT WAS COLPRON THE LIGHT PATTNESS SHALL MANTER SHOWN THE LIGHT PATTNESS SHALL MANTER SHALL SE MANALLE MANALLY RASED SHOWS SHALL SEMANALLY RASED SHOWS SHALL SHAMLALLY RASED SHOWS SHALL SHAMLALLY RASED SHOWS SHALL SHAMLALLY RASED SHAMLALLY RASED SHAMLALLY RASED SHAMLALY RASED SHAMLAND SHAMLALY RASED SHAMLAND SHAML THS LOWNOLTAGE WRELESS SMITCH SHALL PROVIDE ON OFF CONTROL FOR ONE ZINE OF LIGHT FIXTURES, COLOR OF DENCE SHALL BE AS SELECTED BY THE LOW-WITCH. WIRELESS LIGHTING SENSOR AND SWITCH SCHEDULE \$L1 (46' AFF TO CELLING

(8) (5)

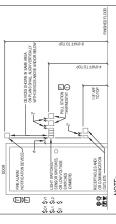
LIGHTING SENSOR AND SWITCH SCHEDULE NOTES:

P.ID-39RL-XXL01

\$12 (46'AFF TO CENTER)

- TOWN CHANGES WHE AS A CONTINUED BY THE SECRETARY BY WHAT CHANGES BY A SECRETARY B

	_		_
LIGHTING FIXTORE SCHEDULE	REMARKS	XX = LENGTHS AS NODCATED ON PLAN CONFRINSATIN BLACK FINESH WITH ANGLED CL CONFRIBLACKCOOD CO, CON WITH ACCHTEGT, SUPSEID UGHT FOTUNES OF THS TYPE WITH BOTTOMS OF FIXTURES AT 8°0" AFF.	CONFIRM FLANCE AND REFLECTOR FINISH WITH ARCHITECT.
	MANUFACTURER AND CATALOG NO. (BASIS OF DESIGN)	A,W UGHTNOL UGHTRARE+2 R.PX-20-SP-FNSXX0346-81-SL-XX1-H-HH-HH-SB-816-1C- Unvikhy	LIGHTHEADED LIGHTINGS TAPER (NYTEGRAL DRAVER). R2-15s1 TOHODE PROSESSO 80 TO ONDE-FRT 3-P-277
	(NO.) TYPE	9	(E)
	MOUNTING	CELLING/ SUSPENDED	CELLING/ PECESSED



ARCHITECTS

300 Church Snest P. (541) 951-4925 Backsburg, VA. F. (541) 951-4990 24100 E. info@bapc.com

95% UBO SUBMITTAL NOT FOR CONSTRUCTION

VIRGINIA TECH.

RENOVATIONS FOR THE WAR MEMORIAL HALL ESPORTS

NOTE:

- - - - THE ALARI DEVOELERS SHALL BE MOUNTED SUCH THAT IN THAN 90' AND NOT GREATER THAN 90' AFF PER NFPA 72.

TYPICAL WALL DEVICE LOCATION DETAIL



ELECTRICAL GENERAL NOTES, SCHEDULES AND DETAILS

ELECTRICAL SPECIFICATIONS:

- ACCORDING MACCOLOGY IN WATER AND ADMINE TO ALL OF THE DIRECTION OF THE DIR WHERE WARNACES COCIA RETWERN DRIWINGS AND SPECIFICATIONS OR WITHN BITHEN DOCUMENTITISELF, NOLIDE NTHECON PRICE THE ITEM OR ARRANGEMENT OF BETTER QUALITY, GREATER QUANTITY, OR HIGHER COST.

 - PERMIS AUDIEES, OBTAN PERMIS, BOVOS, LICENSES AND INSPECTION CENTRICATES, PAY INSPECTION FEES AND TAXES, FILE NAMS AND PREPARE DOCUMENTS REQUIRED TO OSTAN APPROVALS OF GOVERNIBATIAL DEPARTMENTS HAWIG LIRSDICTION. COOLEN PROVIDE THE LEAR LEAVE LIVE TO THE REPRESENTATION HAS NOT REPRESENTED BE REPORTED HER OFFICE THE PROPERTY OF THE PROPERTY OF THE REPRESENTATION HER REPRESENTA
- TYPE AC, MC, BX, MI, AND NACCABLE ARE NOT ALLOWED.
- JUNCTION CULTET AND PLLI BOXES. PROVICE JUNCTION CULTET AND PULL BOXES FOR WIRNG CEVICES, RATHERS, COMECTIONS TO EQUIPED OTHER WISCOMED BY THE NEC. BOXES SHALL BE STEEL UNLESS REQLIPED OTHERWISEBY ENVIRONMENT.
 - HANGERS AND SUPPORTS. PROVIDE ALL HANSERS, SUPPORTS, ANCHORS, SLEENES AND SEALS AS RECURED BY THE NEC.
- INVESTIGATION TO FIGURE THAT AND THE ADDITIONAL TO THE THAT AND THE TH
 - GOLDING-LINE BADDIE, PROVIE NE KOLHANG GOLDING-SYSTEM KITALID YOUTHLU, STRUTHES BOLDSJESS.

 ANNINA, MATCHY DOS OLD ET BOOS SHI UN SOS, LINE STRUTHER FROM SYNCHE STRUCHER HAND FOWER BOOK OCKNOWN FOR SHE KINGS FROM SYNCH BE CHARLE A CADAIT STRUCH SHOW THE THE CHARLE A CADAIT STRUCH SHOW THE THE CHARLE A CADAIT STRUCH SHOW THE CHARLE A CADAIT STRUCK S
- DISTRICTION CREATION OF DESCOURCES ACCOUNTS. ACCOUNTS AND ACCOUNTS ACCOUNTS
 - CONFICTIONS TO EQUIPMENT, IMPERINT, ELEPRICAL POWER CONFECTIONS TO MECHANICAL, AND SPECIALTY EXPINANT. PROVIDE CONDUCTOR ELE ORDER AND ENTERNANT MECHANISATIONS TO THE UTDOKE OLD IMPORTING YOU CAN USE ON WHITE OF PROVIDED SHEED OF SPECIAL VIOLES OF AND ENTERNANT MECHANISATION WHITE THE CAUSES IN THE IESE OS SPECIAL WITH CHECK IN THE MEMORY STATEMENT METAL AND MEMORY SET AND MEMORY SET AND THE CONTROL OF THE CAUSE OF TH
- WIND DOCKS GOVERNMEN SECURIOR OF CO.CO. OR ASSESSION THE ADMINISTRATION OF MEMBERS OF THE ADMINISTRATION OF TH
- 11 DECEMBER RESPONDED TO THE PROPRESSION OF THE PROPERTY OF TH

LICHTIFIC SECUL CONTRIBUTE SECULDS TO PROVIDE THE SE SHOUTED ON THE PROWINGS MANUFURES SHUT, BE SHOUT OF THE PROWINGS MALE CHEES SHOUTES WHE SECULD SHOUTED THE SHOUTES WHEN SECULD SHOUTES WHEN CASSAMER RELEVINGS HAVE THE SHOUTES WHEN SHOUTED THAT SHOUTES THE SHUT SHOUTES WHEN S

IDOVA, REQUIRE MENTS FOR LED LUMMAINES. SOZ OR TRUBERATURE SYALL BE 4/10K WITH MAYMALIA CR OF 8), UNLESS INDICATED OTHERWISE. OXYMINA COLOR TEAPER STATA A CHITECPA.

- IN TICKS SOLL EER INRED WITHIN LANGUAL THESE SEP INJUDIO BLUES O'D DISCRIPTION AND WEST DUMBNIESS OF THE SEPECT OF

RENOVATIONS FOR THE WAR MEMOYATIONS FOR THE ESPORTS

- A HIES SECTION, THE ORDER OF THE ATT THE ORDER OF THE LEGISLATION OF THE LEGISLA. THE SERVICE ATT THE ORDER OF THE LEGISLATION OF THE LEGISLATION
- DO JON DAMANG DRIVERS SHALL COMPLY WITH IEC 08929. FOR 0-30 UTMAING CONTROLS, THE PERFORMANCE CLRYES FOR THE 0-3 CONTROL AND THE DUYLAR HE SHALL NOT BOTHEE LOGARTHAIC. ALL DRIVERS SHALL HAVE TOTAL HARMONC, DISTORTION OF THAM 1954, AT FILL, COUTULT. OPERED MANDER SENDET FOR THE STATE OF THE ST

VIRGINIA TECH.

ARCHITECTS

ARCHITECTS

Backers and Feel stress

Backer

- BIRDINGE, LAND PORTE, BATE POR COMMINING STORMS IN BROAD TO THE WORK OF THE PROPERTY OF THE PR
- BERGER LETE, ACCOUNTS COCKE MANDELED TO PROTECT THE TO ACCOUNT WOUTHOOFT THE TOWN OF THE SECRETARY OF THE TOWN OF THE SECRETARY OF THE SECRETA



E3

PARTIAL THIRD FLOOR NEW WORK PLAN - LIGHTING

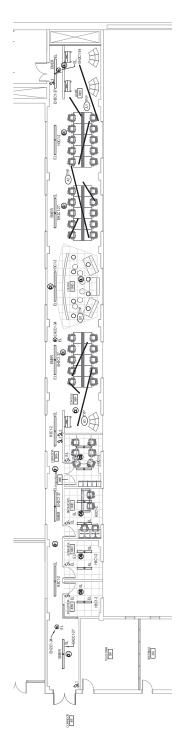


E4









PARTIAL THIRD FLOOR NEW WORK PLAN - LIGHTING MOTH STAFF 197

PARTIAL THIRD FLOOR NEW WORK PLAN - POWER AND TELECOM

LAWRENCE PERFORMANCE PERFORMAN



- EXISTING ACCESSION IPOL DENCES INCLIDING CARD FEADER, DOOR CONTACT SMITC ELECTRONICLOGIS AND REQUEST TO EXIT SHALL REMAN AS CLIRREATLY INSTALLED.
- MOUNT RECEPTAGLE A DIA GRYT TO CONDENSATE PUIAP. COORDINATE RIVAL LOCATION MECHANICAL, CONTRACTOR.





THIS DE WCE IS MOUNTED IN THE EXPOSED CELLNGSPACE. If W.X.Z.H. CARLE TRAY MOUNTED WITH THE BOTTOM OF THE TRAY AT 8'8" FROM THE DEC

PLAN NOTES:

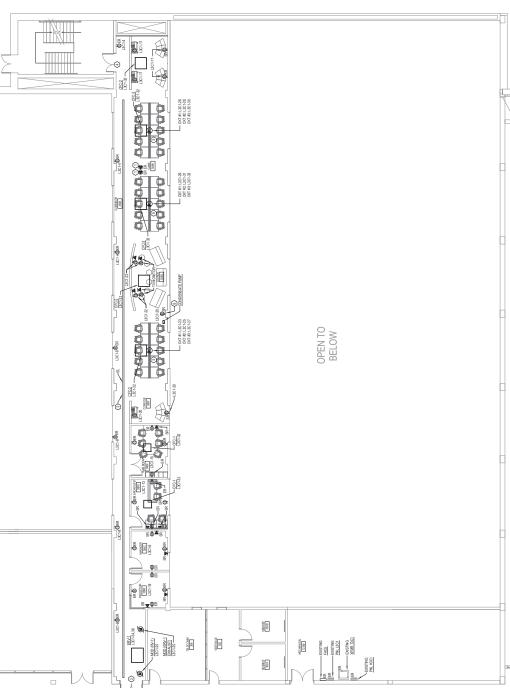
THIRD FLOOR

ALLEWOFC I AND CFC2 RN COL UNIS ARE PROVIDED WITH NTEGRU, DISCONNECT SWITCHES ALL NEW CFCFAN COLLUNIS ARE PROVIDED WITH CONDENSATE FULWS WA SHALL BE POWERED FROM THE SMAE ORCUITS POWERNG THE UNITS.

GENERAL NOTES:

NEW BHENSY RECOVERY UNITERA-11S PROVIDED WITH A SINGLI CORNECTION AND A FACTORY MOUNTED DISCONNECT SMITCH. COORDINATE THE FINAL LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL ROUGH-INS WITH THE ARCHITECT.





OF PARTIAL THIRD FLOOR NEW WORK PLAN - POWER AND TELECOM NORW SALE WITH

PARTIAL THIRD FLOOR NEW WORK PLAN - FIRE ALARM



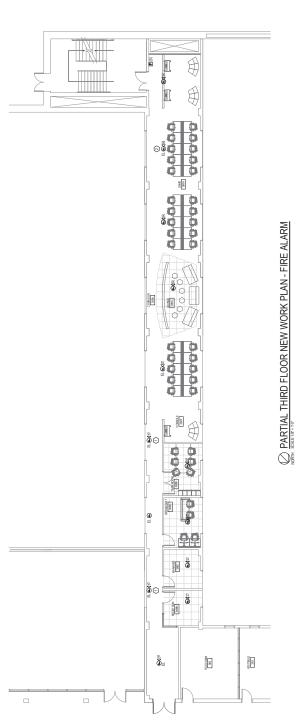


FIRE ALARM DEVCES IN A REAS DOPOSED TO THE STRUCTURE ABOVE (NO CI MOUNTED WITH THE BOTTOMS OF THE DEVCES AT 8 477 AFF.

PLAN NOTES:

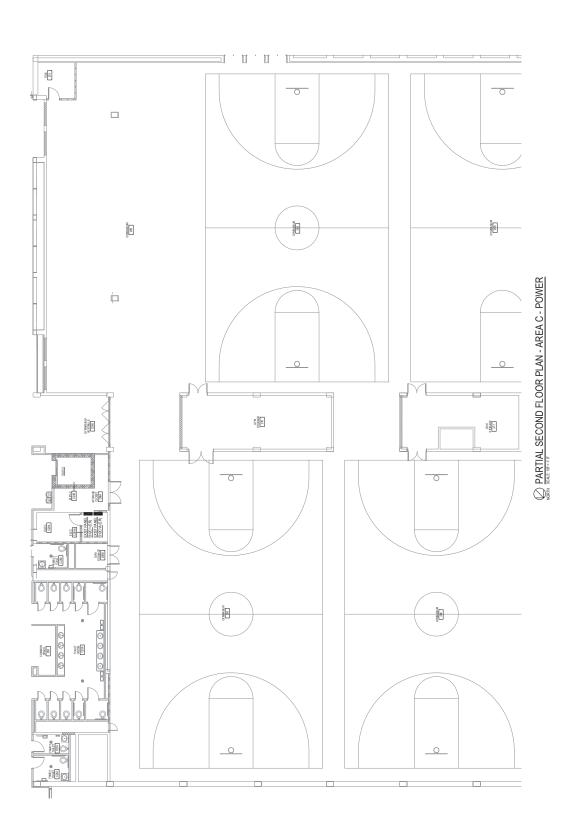
1. SETCMBEA WLETO SS.

2. SETCMBEA WLETO SS.



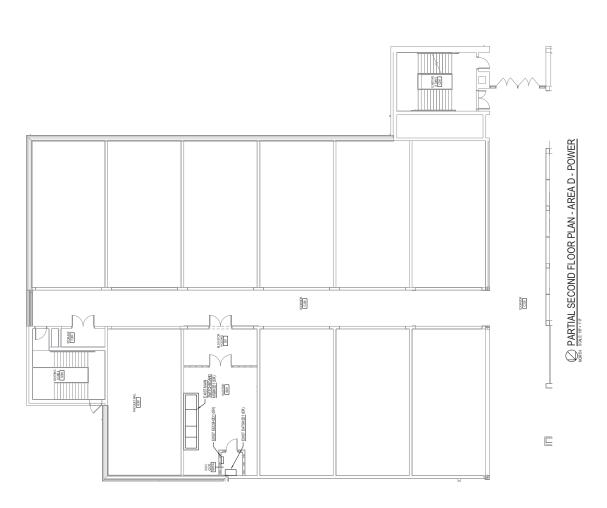






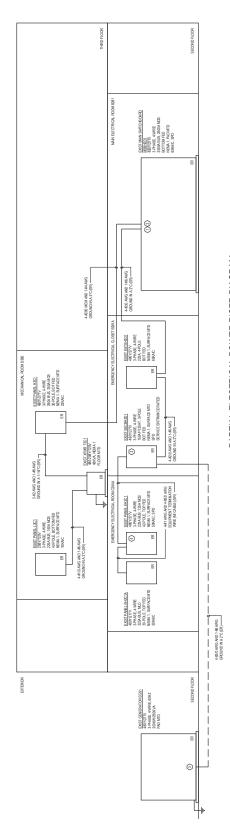


8 E



PARTIAL ELECTRICAL POWER RISER DIAGRAM

LAWRENCE PROCESSES CONTESSES CONTESS



PARTIAL ELECTRICAL POWER RISER DIAGRAM

- RISER DIAGRAM NOTES; O

 L. acomotic the full volativas absorbadi, Li mat, not record cideures

 a. acomotic the full volativas absorbadi, Li mat, not record order present

 a. acomotic the full volativas absorbadi, Li mora order present

 a. acomotic the full volativas asserbadi, Li mora present

 a. acomotic the full volativas asserbadi, Li mora present

 a. acomotic the full volativas asserbadi, Li mora present

 a. acomotic the full volativas asserbadi, Li mora order present

 a. acomotic the full volativas asserbadi, Li mora order present

 a. acomotic the full volativas asserbadies

 a. acom

MMPS

EXISTING PANEL EH2C1A

EXISTING	PANELBO	SCHEDUL		
			_	

EXISTING PANEL L3C1	NTEGRAL SI MOUNTING: NTERRUPT		MEC	GYMO	GYM	GYMC	MEC		0																COADS (KVA)	OTOUGN CO. IDIA	NUMBER	NON-CONTINUOUS	DEMAND		TOTAL CONVECTE	MIK PEEDEK PAR
ᆸ		Ř	2	4	9	∞	10	12	14	16	18	20	22	24	56	28	8	32	34	38	38	40	42		LOAC	STS	2 2	NON	DEW		TOT	MR.
PAN		23			2.5			12						ŀ			ŀ															
8		77		2.5			.78		Г	.72		Г	1.2					Г														
XIST		5	25	Г	Г	25		Г	2:			22:	Г	Г		Г	Г	Ī					П									
ш		QWQ	œ	œ	œ	œ	В	œ	œ	œ		œ	œ								H											
		ONO	3/4"		3/4"		3/4	3/4"	3/4	3/4"		3/4	3/4"																			
		GND	01.0		01.0	-	#12	#12	#12	#12		#12	#12	-			-	-														
	8 254 YES	EUT G	#8		88		#12 #	#12 #	#12 #	#12 #		#12 #	#12	-			-															
	MAN: 190A MCB BUS RATING: 225A GROUND BUS: YES	PHASE NEUT	88	80 4t	89	#8	#12	#12	#12	#12		#12	#12	r	ŀ		r	ŀ							DEWND	c	5	7.08	18	0	0	0 0
	MAN: BUSR, GROUP	BOR	352		382		20.1	20.1	20.1	20/1	20.1	20.1	20.1	20.1	20/1	20.1	20.1	20.1	20/1	20.1	201	20/1	20/1		2 ×							
		H				Н			H			H						H		Н	Н				DEMAND	200	40	0.5	10	0.0	10	0.25
	VOLTAGE 208Y120V SYSTEM: 3PH, 4W SOLID NEUTRAL: YES	LOAD SERVED	TELECOM PACK	TELECOM PACK	TELECOM PACK	TELECOM PACK	OFFICE PECEPTACLES	DINDERCURTAN	GYM STORAGE RECEPTACLES	GYM STORAGE RECEPTACLES	SPARE	GYM STORAGE RECEPTACLES	BACKBOARD	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE		CONNECTED CONNECTED	0	BECTO 10 IOUR	-		AR CONDITIONING 0	NON-SEASONAL MOTORS 0	LARGEST MOTOR 0
	VOLTAG SYSTEV SOLID N	CKT	-	3	2	7	6	Ξ	13	15	17	19	21	23	25	27	59	31	33	35	37	39	41		LOWDS	OWITHOU	DECT	RECRE	SPACE	AIRCO	NOW-S	LANGE
				_									_			_																
		13			245	L		99	L		.2	L		07			-19	L		90'				18.42								
		7		.46			.34			.41			1.43			1.42			.14			٠		PHASELOAD TOTALS 21.76 16.63								
		2	89			333			ŧ.			154			80			83						21.76								
		QWQ	_	_	_	_	٦	_	_		_	_	_	_	_	_	_	_	٦	۔				TALS								
		ONOO	3/4	3/4	3/4"	3/4"	3/4	3/4"	3/4	3/4	3/4"	3/4	3/4	3/4"	3/4	3/4	3/4"	3/4	3/4	3/4"				LOMDT							AMPS	2
		GMD	#12	#12	#12	#12	73.#	#12	#12	21.#	21.#	#12	#12	#12	#12	#12	#12	#12	21.#	#12				PHASE	9							
		PHASE NEUT	#12	#15	#12	#12	#12	#12	#12	#15	#12	#12	#15	#12	#12	#15	#12	#12	#15	#12	٠				DEMANC	c	0 0	0	0		46.8	28.5
			#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	٠	٠			DEMAND	5	3 %	101	9		KVA.	*
		BAR	201	201	201	201	201	20.1	201	201	201	201	201	20.1	201	201	20.1	201	201	201	303					έ.					Ψ:	×
EXISTING PANEL EH2C1	INTEGRAL SPD: YES MOUNTING: SURFACE INTERRUPT RATING: 50,000 AIC	COND SERVED	LEVEL 03 - AREA DE - LIGHTING	UGHTING - FACULTY-2 402-2	LEVEL 03 - GYM SOUTHLTG	LEVEL 01 - AREA C - LIGHTING	LEVEL 00.01 - EXIT SIGNS	LEVEL 02 - AREA C - LIGHTING	LTG - INFORMALLE ARN SPACE	LEVEL 03 - CORRIDOR LIGHTING	LEVEL 01 - AREA C - LIGHTING	LEYEL 02 - RAQUETBALL LTG	LEVEL 02 - AREA E LIGHTING	LEVEL 01 - CORRIDOR LIGHTING	LTGEXERGISE CLASSROOM 173	LEVEL 02 - AREA DE - CORRIDOR LTG	LEVEL 02 - AREA B - LIGHTING	LEVEL 02 - EXIT SIGNS	LEVEL 03 - EXIT SIGNS	LEVEL 04.05 - EXIT SIGNS	0.65	0ds	Outs		LOADS (KVA) CONNECTED	CONTRACTOR ECONOMICS CONTRACTOR	ON THE PROPERTY OF THE PARTY OF	NONCONTINUOUS	DEMAND		TOTAL CONNECTED LOAD 38.9	MIN. PEEUER (PANEL CAPACITY 48.6
힞		CKT	2	4	9	∞	10	12	14	16	18	20	22	24	26	28	30	32	34		38	40	42		2	Š	5 8	2	8	_	2	\$ 8
Ā		2			5.84			8			1.49			3.17			2.45			1.3			1									
E E		7		5.84			91"			232			3.17			91			60													
SIS		5	5.84			1.03			.24			2.2			2.54			3.07														
ш		QWQ	8s	85	85	_	٦	۔	_	٦	_	_	_	۔	_	_	۔	_	٦	ب												
		COND	:-			3/4*	3/4*	3/4*	3/4*	3/4*	3/4*	3/4*	3/4*	3/4*	34.	3/4*	3/4*	3/4*	3/4*	34*												
		GWD	01.0			#12	#12	#12	#12	#12	#12	#12	#15	#12	#12	#15	#12	#12	#12	#12												
	125A 125A	NEUT	98			#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12					9							
	MAIN: 1254 MOB BUS RATING: 1254 GROUND BUS: YES	PHISE NEUT	æ	絽	æ	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12					DEWAND	40.0	į	0	0	0	0	0 0
	BUSF	BKR	603			204	20.1	204	20/1	20/1	20/1	204	204	204	204	204	204	20/1	20/1	204	20/1	20/1	20.1		DEMAND	176	2 0	9	0.0	0.	1.0	529
	H, 4W ML: YES	LOAD SERVED	ET2C1	ET2C1	ET2C1	LEVEL 01 - AREA D - LIGHTING	LEVEL 02 - GYM CORRIDOR	LEVEL 0) - APEA A - LIGHTING	EVEL 01 - AREA C - CORR. LTG	LEVEL 01 - AREA E LIGHTING	LEVEL 01 - APEA A - LIGHTING	LEVEL 01 - APEA C - LIGHTING	LIGHTING POOL-7 162-7	LIGHTING POOL -7 162-7	LIGHTING POOL -7 162-7	LEVEL 03 - AREA CIDIE - LTG	EVEL 03 - GYM NORTH LIGHTING	LEVEL 02 - APEA A - LIGHTING	LEVEL 01 - AREA C - LIGHTING	EVEL 03 - AREA D.E - CORR. LTG	SPARE	SPARE	SPARE		CONNECTED DB/	2000	2000	. 0	ING 0	0	TORS 0	D O O

		17	1.04											L				PHASE LOAD TOTALS 9.09								
		OWO C	-	ŀ.	ŀ.	Ŀ	ŀ.	ŀ.	Ŀ	ŀ.	ŀ.	Ŀ	ŀ.	Ŀ	Ŀ	ŀ.	Ŀ	TOTALS								
		COMO	34.	Ŀ	·		Ŀ			Ŀ	·		Ŀ	Ŀ		Ŀ	Ŀ	Œ LOAD							MMPS	9000
		GND	#12	Ŀ	ŀ						ŀ		Ŀ			Ŀ	Ŀ	PHR	QW				0		13	
		15 JU 32	#12	Ŀ			ŀ			ŀ			Ŀ			ŀ	٠		DEMAND		0	0			ŧ,	
		PHASE	#12	Ŀ			Ŀ	٠					Ŀ			Ŀ			DEMAND	0.0	8	1.0	0.1		KVA	
		BAR	20/1	Ŀ			ŀ			ŀ			Ŀ	Ŀ		Ŀ	Ŀ								*	
51	NTEGRALSPD: NO MOUNTING: SURFACE NTERRUPT RATING: 22,000 AIC	LOAD SERVED	LEVEL3: AREA C - LIGHTING	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE	SPACE		(VA) CONNECTED	NTOHBY EQUIPMENT 0	O	NON-CONTINUOUS 0	0		TOTAL CONNECTED LOAD 1	
EXISTING PANEL H3C1	NSN	ΤX	2	4	9	∞	10	12	14	16	18	20	22	24	98	28	8		LOADS (KVA)	MTCHEN	CONTINUOUS	NON-CO	DEMAND		TOTALC	
Ä		23	Г	Г	8.05	Г	Г		Г	Г		Г	Г		Г	Г										
8		77	T	8.05	Н		ŀ	Н		ŀ	Н			r			Н									
ISTI		5	808	-	H	-	H	H	-	H	H	-	H	H	-	H	Н									
ă		QWQ	85	lbs	lbs		-	-		-																
		O ONO	5.				-			-																
		GND	86	-	l.	_	L		_	L	l.		-	-	_	-	H									
	. 5 S		81.0 8	ŀ			-	-		-	-		-			-			_							
	MAIN: 290 A MCB BUS RATING: 250A GROUND BUS: YES	PHASE NEUT	#170 #	8110	81.0		-	-		-	-		-			-	-		DEMAND	1.3	0	0	0	0	0	
	MAN: 2 BUS RA GROUN	BOR PY	5003			20.1	20.1	20.1	20.1	20.1	20.1	20/1	20.1	20.1	20.1	20.1	20.1		0 m							
		_	-	H	H		-	-		-	-		-			-	-		DEMAND	1.28	10	0.5	000	10	1.0	
	7.7 V rES	LOAD SERVED	MECH. ROOM - T3C1	MECH. ROOM - T3C1	MECH. ROOM - T3C1	SPARE		CONNECTED	104	0	0	0	0 9	AOTORS 0												
	VOLTAGE 480Y/27TV SYSTEM 3PH, 4W SOLID NEUTRAL: YES																		CONDS (KVA)	NG	REC TO 10 KVA	RECREMNING	SPACE HEATING	ARCONDITIONNG	NOW-SEASONAL MOTORS	
L	VOLTA SYSTE SOLID?	CKT	-	m	2	7	တ	=	13	15	17	19	21	23	25	27	58	L	LOMB	LIGHTING	RECT	RECR	SPACE	AIRCC	NON	
_					_	_	_	_	_	_	_	_	_		_	_			_	_	_	_	_	_	_	
		E3	L	L	52		L			L							Ŀ	ø,								
		7		.28									ŀ	L		ŀ	L	.54								
		2	2															26								
		QWQ	_	_	_		·	·		·	·			٠				DTALS								
		ONO	3/4	3/4	3/4"													PHASE LOAD TOTALS							AMPS	
		GND	#12	#15	#12	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	Ŀ	٠	Ŀ	Ŀ	Ŀ	PHASE	9							
		NEUT	#12	#12	#12														DEMAND	0	0	0	0		2.7	

_ ◀	& ABBOCIATES ngineers	Pr. proposens	
<u> </u>	LAWRENCE PERRY Consulting E	12 Sales Avenue SS, Sule 191 Parada, Vigida 2001	Come, No.: SOTOLSS

⋖	& ABBOCIATES ginees	Pre-pospace-una Fue: pospace-ena	
 - -	LAWRENCE PERRY Consulting Er	12 Edden Auren III, Bala 101 Feareth, Vigita 1981	Corner, No.: 50/01.00

REVISED PANEL EH2C1	MWIN 1254 MOB BUS RATING: 1254 GROUND BUS: YES	BKR PHASE NEUT GND COND	#5 #5 #10 1*			#12 #12	#12 #12	#12 #12 #12	#12 #12 #12	#12 #12 #12	#12 #12 #12	#12 #12 #	#12 #12 #12	#12 #12 #12	#12 #12 #12	#12 #12 #12	#12 #12 #1	#12 #12 #12	#12 #12 #12	#12 #12 #12					DEMAND	48.6	0	0	0 1			. 0
	- 10	GND GND	-			-	_	-		_	-	_	-	-		-	_	_	-	_		Ŀ	٠									
		COND	:-	Ľ	Ш	Н	_	Т				#12	l o	lα	2	0	#12	2	l o	101					1							
		_				3/4	34.	3/4*	3/4.	3/4	3/4*	3/4*	3/4*	3/4*	3/4*	34.	3/4	3/4*	3/4*	3/4*	Ŀ		٠									
		OWO	b	85	35	-	_	_	-	_	_	_	Ľ	_	-	_	1	_	Ľ	_		Ŀ	H									
ISED PANEL		2	5.84			103			.24			2.2			2.54			3.07														
PANEL		2		5.84			.16			232			3.17			91			03			Ŀ										
垣		23	L		5.84			99:			1.49			3.17			2.45			13		Ц	Ŀ									
Ξ̈́	MOL	CKT	2	4	9	8	10	12	14	16	18	20	22	24	56	78	30	32	¥	36	38	40	42		LOADS(KVA)	MTCHEN	CONTINUOUS	NOWCON	DEWND	TOTAL OC	MN. FEEC	OVERML
2C1	MOUNTING SURFACE INTERRUPTRATING SQUOLACE	LOAD SERVED	LEVEL 03 - AREA DIE - LIGHTING	LIGHTING -FACULTY-2402-2	LEVEL 03 - GYM SOUTHLTG	LEVEL 01 - AREA C - LIGHTING	LEVEL 00/01 - EXIT SIGNS	LEVEL 02 - AREA C - LIGHTING	LTG-INFORMALLEARN SPACE	LEVEL 03 - CORRIDOR LIGHTING	LEVEL 01 - AREA C - LIGHTING	LEVEL 02 - PACUETBALL LTG	LEVEL 02 - AREA ELIGHTING	LEVEL 01 - CORRIDOR LIGHTING	LTG EXERCISE CLASSROOM 173	LEVEL 02 - AREA DIE - CORRIDOR LTG	LEVEL 02 - AREA B -LIGHTING	LEVEL 02 - ENT SIGNS	LEVEL 03 - EXIT SIGNS	LEVEL 04/05 - EXIT SIGNS	Outs	350	Od8		VA) CONNECTED	NOTCHEN EQUIPMENT 0		NON-CONTINUOUS 0		TOTAL CONNECTED LOAD 38.9	MN. FEEDER / PAVEL CAPACITY 48.6	
		BAG	20.1	201	201	201	201	201	201	201	201	201	201	201	201	201	201	201	201	201	303				١.		,,,			*	*	
			#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12					DEMAND	10	125	10	20	3/8	KVA	
		PHASE NEUT GND	#12	#12 #	#12 #	#12 #	#12 #	#12 #	#12 #	#12 #	#12 #	#12 #	#12 #	#12 #	#12 #	#12 #	#12 #	#12 #	#12 #	#12 #				-	DEMAND	0	0	0	0	468	58.5	
			#12 34	#12 3/4	#12 34	#12 3/4"	#12 3VF	#12 3/4	#12 3/4	#12 34	#12 3/4	#12 3/4	#12 34	#12 34	#12 3/4	#12 34	#12 34	#12 3/4	#12 34	#12 34	H			PHASE LOND TOTALS 21.76						SOW	AMPS	
		OWO ONCO	3/4	5	3/4 [9	ے ب	9	9	3/4	9	5	3/4"	-	9	3/4	34 1	5	3/4"	3/4 [H	H	H	4D TOTAL								
		17	88	L	Ц	3.33		Ц	Ψ.		Ц	1.54	L		89		L	. 23	L	Ц		Н	Н	21.7								
		L2		.46		3	.34			.41			1.43			1.42			.14					16.63								
		ខា			245			99			.2			20			-19			90'				18.42								
	VOLTAGE: 208Y/20V SYSTEM: 3PH,4W SOLID NEUTRAL: YES	₩ W	-	3	2	7	တ	11	13	12	17	19	21	23 R	25 R	27 R	Z9	31 R	33	32	37	38	41		LOADS (KVA)	LIGHTING	REC TO 10 KWA	REC REMA.	SPACE HEATING	NON-SEAS	LARGEST MOTOR	WATERHEATING
	3PH,4W PAL: YES	LOADSERVED	TELECOM RACK	TELECOM RACK	TELECOM RACK	TELECOM RACK	OFFICE RECEPTACLES	DIVIDER CURTAIN	RECEPTACLES BROADCAST 3680	RECEPTACLES TEAM ROOM 368E	RECEPTA CLES CONSOLE 3 68.1	RECEPTACLES RECEPTION 3538	BACKBOARD	POKE-THRU DEVICE (GMANGDESKS)	POKE-THRU DEVICE (GM/ING DESKS)	POKE-THRU DEVICE (GMMNGDESKS)	POKE-THRU DEVICE (GAMING DESIGS)	POKE-THRU DEVICE (GM/ING DESICS)	POKE-THRU DEVICE (GM/INGDESKS)	SPARE.	SPARE	SPARE	SPARE.		CONNECTED	0	KVA 10		MING	SECTION		4TNG 0
	18 88	BKR	35.2	-	35.2	-	20.1	30.1	30.1	20.1	30.1	20.1	20.1	20.1	30.1	20.1	20.1	20.1	20.1	30.1	20.1	20.1	30.1		DEMAND	125	01	0.5	00	3 5	0.25	10
	MAIN: 150A MOB BUS RATING: 225A GROUND BUS: YES	THASE NEUT	88	88	#	88	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12		Ĺ				DEMANC	0	00	12.	0	186	-	0
	MOB 225A 5. YES		88		8		#12	#12	#12 1	#12	#12	#12	#12	#15	#12 1	#12	#12	#12	#12		ŀ				0%		_	19		2		
		GMD C	910	H	#10		#12	#12	#12 8	#12	#12	#12	#12	#12	#12 8	#12	#12 3	#12	#12	-	H		-									
		an away	34.	H	34.		34.	34.	34.	34.	34.	3/4*	34.	3/4.	3/4*	34.	34.	3/4*	34.		H											
2		DWD L1	R 2.5	œ	В	R 2.5	œ	В	B9	œ	В	R .72	œ	œ	1 1	œ	В	я-	œ	L	H		L									
VISED		21		25		-	78			ø,		-	12			-			-													
A		23			2.5			12			22:			1			1															
REVISED PAINEL LSC	MOUN	CKT	2	4	9	8	10	12	14	16	18	20 RECCC	22	24	Ш	28 PO		32	ষ্ক	36	38	40	42		LOADS (KVA)	KITCHENEQUIPMENT	COMMINUOUS	NOWCONTINUOUS	DEWND	TOTAL CONT	MN. FEEDER	OVERALL DE
_	INTEGRAL SPD: NO MOUNTING SURFACE INTERRUPTRATING: 10,000 AIC	LOAD SERVED	MECH. ROOM - UNIT HEATER	RECEPTACLES CORRIDOR 368A	RECEPTACLES MANAGER 358C	RECEPTACLES CORRIDOR 368A	MECH ROOM RECEPTACLES	BACHBOARD	OFFICE RECEPTACLES	DIMDER CURTAIN	BACHBOARD	REC CONSOLE 369F, MODS (X2) & COND PUMP	RECEPTA CLES LOUNGE 368G	BACKBOARD	POKE-THRU DEVICE (GAMING DESKS)	POKE-THRU DEVICE (GM/ING DE SKS)	POKE-THRU DEVICE (GAMING DE SKS)	CFC-1 (A2) & OFC-2 (A5)	BRV-1		SPARE	SPARE	SPARE		OONNECTED (UPMB/T 0			0	TOTAL CONNECTED LOAD 37.6	MN. FEEDER / PAVEL CAPACITY 24.8	
		8	20.1	201	201	201	201	201	201	201	201	PUMP 2011	201	201	0 201	0 201	0 201	201	202		201	201	201		١.							
		BKR PHKS	1 #12	1 #12	1 #12	1 #12	1 #12	1 #12	1 #12	1 #12	1 #12	1 #12	1 #12	1 #12	1 #12	1 #12	1 #12	1 #12	2 #12	#12					DEMAND	9	125	10	91	KVA	KVA	
		PHASE NEUT	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12							DEMANC	0	0	0	0	104.6	683	
		CMD CMD	#12 3	#12 3	#12 3	#12 3	#12 3	#12 3	#12 3	#12 3	#12 3	#12 3	#12 3	#12 3	#12 3	#12 3	#12 3	#12 3	#12 3					PHASE LOAD TO	١						AMPS	
		ONOO	34	3/4	3/4	3/4"	3/4	3/4	3/4"	3/4	3/4	3/4"	3/4	3.4	3/4"	3/4	3/4	3/4"	3/4					OMD TC								

					Ĺ					l						l											Γ
													REVI	REVISED PANEL H3C1	PANE	H	3C1										
				Γ	Š	VOLTAGE: 480Y/277V	IMI	WNR 250A MOB	W/W							ľ	NTEGRAL SPD: NO										Г
					88	SYSTEM: 3PH,4W SOUD NEUTRAL: YES	# G	SRATIN SUND B	BUS RATING: 290A GROUND BUS: YES								MOUNTING SURFACE NTERRUPTRATING: 22,000 AIC										
OWD D	QWQ	22	77	23	DQC!	LONDSERVED	BKR	PHAS	BKR PHASE NEUT	GWD _	COND	CWO	2	23	8	CKT	LOAD SERVED		BKR	PHISE NEUT		GND OX	DWOO	QWQ	-	77	23
3/4	_	2	Г		-	MECH. ROOM - T3C1	150/3	#10	#10	9#	2	8s	8.05			2	LEVEL 3 - APEA C - LIGHTING	MING	20.1	#12	#12	#12	34	_	10.1	H	Г
3/4	_	H	.28	Г	m	MECH. ROOM - T3C1	ŀ	#10				85		8.05	Г	4	SPACE								H		Г
3/4	_	H		52	S	MECH. ROOM - T3C1		#10		٠		b			8.05	9	SPACE										
T		H	Г		_	SPARE	20.1	Ŀ	Ŀ	Ŀ	ŀ	٠				80	SPACE			r		-			-	H	Г
-	H	H		Г	တ	SPARE.	20.1	Ŀ	Ŀ						Г	10	SPACE								H		Г
		Н			ij.	3b ME	30.1					-				12	SPACE									Н	
	-	-			13	SPARE	20.1					٠				14	SPACE										
-	-	H		Г	15	SPARE .	20.1	Ŀ	Ŀ	Ŀ					Г	16	SPACE								H		Г
		Н			17	3bVdS	20.1									18	SPACE										
ŀ		H	Г		9	SPARE	20.1	Ŀ	Ŀ	Ŀ	ŀ	٠				8	SPACE			ŀ		-			-	H	Г
-	H	H		Г	21	SPARE.	20.1	Ŀ	Ŀ						Г	22	SPACE								H		Г
	H	Н			23	SPARE.	30.1	Ŀ	-							24	SPACE									Н	
		H			25	SPARE	20.1					٠				56	SPACE									Н	
ŀ	H	H		Г	27	SPARE.	20.1	Ŀ	Ŀ	Ŀ					Г	78	SPACE							-	H	-	Г
	H	Н	П		53	39.49E	20.1							П		30	SPACE								Н	Н	
LOAD TOTALS	_	25	54	on:																	u.	PHASE LOAD TOTALS 9.09	TOT DAY	STR	\vdash	8.05	8.05
	l																							l			Г
					3	CONDS (KVA) CONNECTED	DEMAND FACTOR	8	CNAMBO							LOWD	LOADS (KVA)	CONNECTED	DEMAND FACTOR		DEMAND						
					ĭ	LIGHTING 1.04	125		1.3							KITCH	KITCHEN EQUIPMENT	0	10		0						
					R		10		0							COM	CONTINUOUS	0	125		0						
					R	REC REMAINS 0	0.5		0							NONC	NOWCONTINUOUS	0	1.0		0						
					S	SPACE HEATING 0	00		0							DEMAND	9	0	10		0						
					₹ :	AR CONDITIONING 0	01		0																		
8 38					ž:	NON-SEASONML MOTORS 0	9 5		0 :							TOTAL	TOTAL CONNECTED LOAD	- ;	XX.		1.3	MAPS					
e					5 3	LARGEST MOTOR 0	10		> 0							OVER	MIN. PEELER / PAREL CAPACITY OVERALL DEMAND FACTOR	5.5	2		0.	AMP					
				1					,																		1

н		CKT	2	4	9	80	10	12	14	16	18	20	22	24	58	28	30	32	¥	36	38	9	42		Sign	5	KITCHE	CONTIL	NONC	DEMA	TOT	TOTAL
REVISED PANEL LO		23		Г	2.5		Г	12		Г	22.		Г	-		Г	-		Г			Г			Г			_	_			_
		2	Г	5.5		Г	78		Г	6			12		Г	-		Г	-		Г											
E		5	2.5	Г		2.5	Г		o,	Г		.72	Г		-	Г		-	Г		ŀ	Г										
œ		OWO	œ	œ	œ	œ	œ	œ	œ	œ	œ	œ	œ	м	œ	œ	м	œ	œ	-		-	-									
		COND	34.		3/4.		34.	3/4.	34.	3/4.	34.	34.	3/4.	34.	34.	34.	34.	34.	3/4.													
		GWD	#10		#10	-	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12		-											
	225A YES		85	ŀ	報	F	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12		F				,				_			
	MAIN: 150A MOB BUS RATING: 225A GROUND BUS: YES	PHASE NEUT	22	86	報	22	#12	#15	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12		ı	·			JAMASU		0	0	12.79	0 ;	120	0
	MMR BUS R. GROUI	BKR	352		35.2		20.4	20.4	20.4	20.1	20.1	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.1	33.1	20.4	20.1	33.1		QV	ğ	92		10	0 :		0
	VOLTAGE: 203Y/20V SYSTEM: 3PH,4M SOUD NEUTRAL: YES	LOADSERVED	TELECOM RACK	TELECOMIRACK	TELECOM RACK	TELECOM RACK	OFFICE RECEPTACLES	DIVIDER CURTAIN	RECEPTACLES BROADCAST 3830	RECEPTACLES TEAM ROOM 368E	RECEPTACLES CONSOLE3883	RECEPTACLES RECEPTION 3688	BACKBOARD	POKE-THRU DEVICE (GAMING DESKS)	POKE-THRU DEVICE (GMANGDESKS)	POKE-THRU DEVICE (GMANGDESKS)	POKE-THRU DEVICE (GMAING DESKS)	POKE-THRU DEVICE (GMANGDESKS)	POKE-THRU DEVICE (GMANGDESKS)	36 M dS	SPARE	3b/v8s	36 M dS		WAY CONNECTED DEMND		0		25.58	88.	AR CONDITIONING 186 10	NON-SEASONL MOTORS 0 10
	OLTAGE: NSTBM: XOLID NEL	DX.	-	8	2	_	6	Ξ	13	15	- 1	19	21	23	- 22	27	53	31	33	35	37	39	41		OMDS (KVA)		LIGHTING	REC TO 10 KVA	REC REMAINING	SPACEHEATING	AR CONL	NOW SELVE
	> 0 0		_		_	ľ		_	-	_		_		_			_						7		1-	_	_		_		_	_
		ខា			245			99			.2		L	70'			.19			90'				18.42								
		۲٦	L	.46		L	.34		L	.41			1.43		L	1.42		L	.14		L	Ŀ		PHASE LOAD TOTALS 21.76 16.63								
		2	89	L		3.33	L		Ħ.			1.5			80	L		82			Ŀ			21.76								
		OWO 0	_	_	_	_	_	_	_	Ŀ	_	_	_	٦	_	_	٦	_	_	٦	Ŀ	Ŀ		TOTALS								
		OWO 4	3/4	3/4	3/4	3/4	34	3/4	3/4	34	34	34	34	3/4	3/4	3/4	3/4	3/4	3/4	3/4	ŀ	ŀ		SE LOWD							90717	MARS
		T GND	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	2 #12	Ŀ			Æ	DEMMIN		0		0			46.8
		PHASE NEUT	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	#12 #12	ŀ	Ŀ	-								-	ē
		BKR PH	201 #1	20'1 #1	20.1 #	20.1	20'1 #1	20.1	201 #1	201 #1	20.1 #	201 #1	201 #1	201 #1	201 #1	20'1 #1	201 #1	201 #1	201	201 #1	303				DEMAND	FACTOR	1.0	125	1.0	10	110	KW
		_	~	2	2	~	2	2	~	- 2	2	2	- 2	2	T	Н	2	~	- 2	2		H			COMMECTED		_	_	0	0		9
REVISED PANEL EH2C1	INTEGRAL SPD. YES MOUNTING SURFACE INTERRUPTRATING: 50,000 AIC	LOWD SERVED	LEVEL 03 - AREA DIE - LIGHTING	LIGHTING -FACULTY:2402-2	LEVEL 03 - GYM SOUTHLTG	LEVEL 01 - AREA C - LIGHTING	LEVEL 00/01 - EXIT SIGNS	LEVEL 02 - AREA C - LIGHTING	LTG-INFORMLLEARN SPACE	LEVEL 03 - CORRIDOR LIGHTING	LEVEL 01 - AREA C - LIGHTING	LEVEL 02 - RAQUETBALL LTG	LEVEL 02 - AREA ELIGHTING	LEVEL 01 - CORRIDOR LIGHTING	LTG EXERCISE CLASSROOM 173	LEVEL 02 - AREA DIE - CORRIDORLTG	LEVEL 02 - AREA B -LIGHTING	LEVEL 02 - DUT SIGNS	LEVEL 03 - EXIT SIGNS	LEVEL 04/05 - EXIT SIGNS	068	Outs	350		SWACO (AVAILABLE AVAILABLE		NTCHEN EQUIPMENT 0		NOWCONTINUOUS	DEMAND	TOTAL COMMENCED CAD	TOTAL CONNECTED LOAD 389
ভ		CKT	2	4	9	∞	9	12	4	16	18	8	22	. 24	92	28	30	32	딿	Н	88	8	42		F	-	Ā	8	2	8	-	5
PAI		ន	L	L	5.84	L	L	18	L	L	1.49		L	3.17	L	L	2.45	L	L	13	L	L	Ŀ									
/ISEL		2		5.84			.16			232			3.17			91			03			Ŀ										
Æ		5	5.84	L		103	L		.24	L		2.2	L		254	L		3.07	L		Ŀ	L										
		OWO	85	bs	b	_	Ľ	_	_	_	_	_	_	_	_	Ľ	_	_	_	_	Ŀ	Ŀ	Ĺ									
		COMO	:-	Ŀ	Ŀ	34.	3/4.	3/4.	34.	3/4	3/4.	3/4	3/4	3/4.	34.	3/4.	3/4.	34.	3/4	3/4.	Ŀ	Ŀ	Ŀ									
		GND	#10			#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12												
	MOB 3: 125A IS: YES	PHASE NEUT	Æ	Ŀ		#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	Ŀ	Ŀ			CMANS		18.6	6	0			
	MAIN: 1254 MOB BUS RATING: 1254 GROUND BUS: YES	PHAS	Æ	Æ	報	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	#12	<u> -</u>	Ŀ	Ŀ		18	3	÷		•			
	¥ 38 %	BKR	803	Ŀ		20,4	20.4	20,4	20,4	20.1	204	20,4	20.1	20.1	30,4	20.1	20.1	30,4	20.1	30.1	20,4	20.1	30.1		DEMAND	ACTOR	125	10	0.5	00	9 9	10
		03				- UGHTING	CRRIDOR	-UGHTING	CORR.LTG	LIGHTING	-LIGHTING	- LIGHTING	-7.162-7	7.162.7	7.162.7	:DIE -LTG	THLIGHTWG	- UGHTING	- UGHTING	- CORP.LTG					O ONNECTED D		38.88	0	0	0 0	0 0	0
	SYSTEM: 3PH, 4W SOUD NEUTRAL: YES	LOADSERVED	ET2C1	ET2C1	ET2C1	LEVEL 01 -AREAD - LIGHTING	LEVEL 02 - GYM CORRIDOR	LEYEL 00 - APEA A - LIGHTING	LEVEL 01 - AREA C - CORR. LTG	LEVEL 01 - A PEAE LIGHTING	LEVEL 01 - AREA A - LIGHTING	LEVEL 01 -AREA C - LIGHTING	LIGHTING POOL:7 162-7	LIGHTING POOL-7 162-7	LIGHTING POOL 7 162-7	LEVEL 03 - AREA CIDIE - LTG	LEVEL 03 - GYM NORTH LIGHTING	LEVEL 02 - APEA A - LIGHTING	LEVEL 01 -AREA C - LIGHTING	LEVEL 03 - AREA D.E - CORP. LTG	SPARE	SPARE	SPARE		Caros acuso		LIGHTING	REC TO 10 KVA	RECREMAINING	SPACE HEATING	AR CONDITIONING	SEASON MCCCRU
	VOLT, SYSTE SOUD	Ø	-	3	2	7	6	Ξ	13	15	17	19	21	23	25	27	29	31	83	35	37	33	41		1 5	5	LIGH	REC	REC	SPW	AMC	5

REVISED PANEL EH2C1A

LIGHTING. STARB
LIGHTING. STARB
LIGHTING. STARB
SAARE



VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY PROCUREMENT DEPARTMENT

ADDENDUM NO. 1

DATE: 6/11/2025 TO: All Offerors

FROM: Deirdre Curry, Contracting Officer
TOTAL PAGE(S): 1 page (not including attachments)
SOLICITATION TITLE: FF&E War Memorial Hall eSports Area

SOLICITATION NUMBER: 443882501

I. CLARIFICATIONS AND ADDITIONAL INFORMATION

NONE

II. REQUESTS FOR INFORMATION

1. For RFP #443882501, do we have to bid on all items in section VI – A and B or can we just bid on A(3)?

<u>Virginia Tech Response</u>: No, proposers are not required to bid on all items in Section VI of the RFP.

All other aspects of this solicitation remain the same.



VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY PROCUREMENT DEPARTMENT

ADDENDUM NO. 2

DATE: 6/13/2025 TO: All Offerors

FROM: Deirdre Curry, Contracting Officer
TOTAL PAGE(S): 2 pages (not including attachments)
SOLICITATION TITLE: FF&E War Memorial Hall eSports Area

SOLICITATION NUMBER: 443882501

I. CLARIFICATIONS AND ADDITIONAL INFORMATION

- 1. The new deadline for submitting proposals is June 23, 2025 at 3:00 PM.
- **2. Equipment Deliverables:** Two updates have been made to the equipment deliverables listed in the RFP as follows:
 - a. 3.a.3. Gaming Consoles and Displays: Add three (3) Nintendo Switch 2 consoles
 - **b. 3.a.3.iv. Gaming Consoles and Displays:** Update **Console Gaming Hubs** to include furniture/supports for three (3) console gaming stations.
- **3. RFP General Terms and Conditions:** It was brought to our attention that the URL for our RFP General Terms and Conditions listed within our solicitation was broken. Those RFP General Terms and Conditions have been attached hereto as "Exhibit A".

II. REQUESTS FOR INFORMATION

1. Is there an implementation date?

<u>Virginia Tech Response</u>: Ideally the space would be available at the start of the Fall 2025 semester. If this in unachievable then our deadline would be before the end of the Fall 2025 semester.

2. Is there room for design edits for this space or is this it?

<u>Virginia Tech Response</u>: We are open to different layouts, but the power and data connections are in the floor in the space and cannot be moved.

3. What is IT's role in this? To make an accurate schedule it would be helpful to understand their role in this space.

<u>Virginia Tech Response:</u> VT NI&S/IT should not have any role in the RFP. All cabling and ports were done as a part of the construction project.

4. Do the games need to be pre-installed on the consoles, or can that be done on site?

Virginia Tech Response: This can be done on-site.

5. Is there a dedicated contact person for management? This will be managed remotely but having an on-site contact person is helpful.

<u>Virginia Tech Response:</u> There will be a dedicated contact person.

All other aspects of this solicitation remain the same.

Exhibit A

RFP General Terms and Conditions

RFP GENERAL TERMS AND CONDITIONS

- 1. ANTI-DISCRIMINATION: By submitting their proposals, offerors certify to the Commonwealth that they will conform to the provisions of the Federal Civil Rights Act of 1964, as amended, as well as the Virginia Fair Employment Contracting Act of 1975, as amended, where applicable, the Virginians With Disabilities Act, the Americans With Disabilities Act, and Section 2.2-4311 of the Virginia Public Procurement Act. If the award is made to a faith-based organization, the organization shall not discriminate against any recipient of goods, services, or disbursements made pursuant to the contract on the basis of the recipient's religiou, religious belief, refusal to participate in a religious practice, or on the basis of race, age, color, gender, sex, sexual orientation, gender identity or national origin and shall be subject to the same rules as other organizations that contract with public bodies to account for the use of the funds provided; however, if the faith-based organization segregates public funds into separate accounts, only the accounts and programs funded with public funds shall be subject to audit by the public body. (Code of Virginia, § 2.2-4343.1 E). In every contract over \$10,000 the provisions in A and B below apply:
 - A. During the performance of this contract, the Contractor agrees as follows:
 - 1) The contractor will not discriminate against any employee or applicant for employment because of race, religion, color, sex, sexual orientation, gender identity, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment, except where there is a bona fide occupational qualification reasonably necessary to the normal operation of the contractor. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
 - 2) The Contractor, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, will state that such Contractor is an equal opportunity employer.
 - 3) Notices, advertisements and solicitations placed in accordance with federal law, rule or regulation shall be deemed sufficient for the purpose of meeting the requirements of this Section.
 - B. The Contractor will include the provisions of A. above in every subcontract or purchase order over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.
- 2. ANTITRUST: By entering into a contract, the Contractor conveys, sells, assigns, and transfers to Virginia Tech and the Commonwealth of Virginia all rights, title and interest in and to all causes of the action it may now have or hereafter acquire under the antitrust laws of the United States and the Commonwealth of Virginia, relating to the particular goods or services purchased or acquired by Virginia Tech and the Commonwealth of Virginia under said contract.
- 3. APPLICABLE LAWS AND COURTS: This solicitation and any resulting contract shall be governed in all respects by the laws of the Commonwealth of Virginia and any litigation with respect thereto shall be brought in the courts of the Commonwealth. The Contractor shall comply with applicable federal, state and local laws and regulations.
- 4. ASSIGNMENT OF CONTRACT: A contract shall not be assignable by the Contractor in whole or in part without the written consent of Virginia Tech.
- 5. CHANGES TO THE CONTRACT: Changes can be made to the Contract in any one of the following ways:
 - A. The parties may agree in writing to modify the scope of the contract. An increase or decrease in the price of the contract resulting from such modification shall be agreed to by the parties as a part of their written agreement to modify the scope of the contract
 - B. Virginia Tech may order changes within the general scope of the contract at any time by written notice to the Contractor. Changes within the scope of the contract include, but are not limited to, things such as the method of packing or shipment and the place of delivery or installation. The Contractor shall comply with the notice upon receipt. The Contractor shall be compensated for any additional costs incurred as the result of such order and shall give Virginia Tech a credit for any savings. Said compensation shall be determined by one of the following methods:
 - 1) By mutual agreement between the parties in writing; or
 - 2) By agreeing upon a unit price or using a unit price set forth in the contract, if the work to be done can be expressed in units, and the Contractor accounts for the number of units of work performed, subject to Virginia Tech's right to audit the Contractor's records and/or to determine the correct number of units independently; or
 - 3) By ordering the Contractor to proceed with the work and to keep a record of all costs incurred and savings realized. A markup for overhead and profit may be allowed if provided by the contract. The same markup shall be used for determining a decrease in price as the result of savings realized. The Contractor shall present Virginia Tech with all vouchers and records of expenses incurred and savings realized. Virginia Tech shall have the right to audit the records of the Contractor as it deems necessary to determine costs or savings. Any claim for an adjustment in price under this provision must be asserted by written notice to Virginia Tech within thirty (30) days from the date of receipt of the written order from Virginia Tech. If the parties fail to agree on an amount of adjustment, the question of an increase or decrease in the contract price or time for performance shall be resolved in accordance with the procedures for resolving disputes provided by the Disputes Clause of this contract or, if there is none, in accordance with the disputes provisions of the Commonwealth of Virginia Purchasing Manual for Institutions of Higher Education and Their Vendors. Neither the existence of a claim or a dispute resolution process, litigation or any other provision of this contract shall excuse the Contractor from promptly complying with the changes ordered by Virginia Tech or with the performance of the contract generally.
- 6. CLAIMS: Contractual claims, whether for money or other relief, shall be submitted in writing to the Director of Procurement, Procurement Department, North End Center, Suite 2100, Virginia Tech, 300 Turner Street NW, Blacksburg, Virginia 24061, no later than sixty (60) days after final payment; however, written notice of the contractor's intention to file such claim shall have been given at the time of the occurrence or beginning of the work upon which the claim is based. Nothing herein shall preclude a contract from requiring submission of an invoice for final payment within a certain time after completion and acceptance of the work or acceptance

- of the goods. Pending claims shall not delay payment of amounts agreed due in the final payment (*Code of Virginia*, Section 2.2-4363). A contractor may not institute legal action prior to receipt of the Director of Procurement decision on the claim, unless that office fails to render such decision within thirty (30) days. The decision of the Director of Procurement shall be final and conclusive unless the contractor, within six (6) months of the date of the final decision on the claim, institutes legal action as provided in the *Code of Virginia*, Section 2.2-4364.
- 7. CLARIFICATION OF TERMS: If any prospective offeror has questions about the specifications or other solicitation documents, the prospective offeror should contact the buyer whose name appears on the face of the solicitation no later than five working days before the due date. Any revisions to the solicitation will be made only by addendum issued by the buyer.
- 8. COMMONWEALTH OF VIRGINIA PURCHASING MANUAL FOR INSTITUTIONS OF HIGHER EDUCATION AND THEIR VENDORS: This solicitation is subject to the provisions of the Commonwealth of Virginia Purchasing Manual for Institutions of Higher Education and Their Vendors and any revisions thereto, which are hereby incorporated into this contract in their entirety. A copy of the manual is available for review in the Virginia Tech Procurement Department or by accessing URL http://www.procurement.vt.edu on the Web.
- 9. CONFLICT OF INTEREST: Virginia Tech is a public university, subject to the laws of the Commonwealth of Virginia. Among these is the State and Local Government Conflict of Interests Act (The Act). The Act can be accessed via https://law.lis.virginia.gov/vacode/title2.2/chapter31. You may wish to consult the provisions of The Act before submitting a response to the Request for Proposal. Additionally, by submitting a proposal or by entering into any resulting contract, the offeror certifies that it is in full compliance with the provisions of The Act as to this RFP.
- 10. CONTRACT PARTICIPATION: Any public body, public or private health or educational institutions, or Virginia Tech's affiliated corporations and/or partnerships may access any resulting contract/purchase order if authorized by the contractor. Participating entities shall place their own order(s) directly with the Contractor and shall fully and independently administer their use of the contract/purchase order to include contractual disputes, invoicing and payments without direct administration from Virginia Tech. Virginia Tech shall not be held liable for any costs or damages incurred by any other participating entity as a result of any authorization by the Contractor to extend the contract/purchase order. It is understood and agreed that Virginia Tech is not responsible for the acts or omissions of any entity, and will not be considered in default of the contract/purchase order no matter the circumstances.
- 11. DEBARMENT STATUS: By submitting their proposals, offerors certify that they are not currently debarred by the Commonwealth of Virginia from submitting bids or proposals on contracts for the type of goods and/or services covered by this solicitation, nor are they an agent of any person or entity that is currently so debarred.
- 12. DEFAULT: In case of failure to deliver goods or services in accordance with the contract terms and conditions, Virginia Tech, after due oral or written notice, may procure them from other sources and hold the Contractor responsible for any resulting additional purchase and administrative costs. This remedy shall be in addition to any other remedies which Virginia Tech may have.
- 13. DRUG-FREE WORKPLACE: In every contract over \$10,000 the following provisions apply: During the performance of this contract, the Contractor agrees to (i) provide a drug-free workplace for the Contractor's employees; (ii) post in conspicuous places, available to employees and applicants for employment, a statement notifying employees that the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana is prohibited in the Contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition; (iii) state in all solicitations or advertisements for employees placed by or on behalf of the Contractor that the Contractor maintains a drug-free workplace; and (iv) include the provisions of the foregoing clauses in every subcontract or purchase order of over \$10,000, so that the provisions will be binding upon each subcontractor or vendor.
 - For the purposes of this section, "drug-free workplace" means a site for the performance of work done in connection with a specific contract awarded to a Contractor the employees of whom are prohibited from engaging in the unlawful manufacture, sale, distribution, dispensation, possession or use of any controlled substance or marijuana during the performance of the contract.
- 14. EO/AA STATEMENT: If this contract is a covered government contract or subcontract, contractors and subcontractors shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status or disability.
 - Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, or veteran status; or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees, or applicants; or any other basis protected by law.
 - For inquiries regarding non-discrimination policies, contact the Office for Equity and Accessibility at 540-231-2010 or Virginia Tech, North End Center, Suite 2300 (0318), 300 Turner St. NW, Blacksburg, VA 24061.
- 15. ETHICS IN PUBLIC CONTRACTING: By submitting their proposals, offerors certify that their proposals are made without collusion or fraud and that they have not offered or received any kickbacks or inducements from any other offeror, supplier, manufacturer or subcontractor in connection with their proposal, and that they have not conferred on any public employee having official responsibility for this procurement transaction any payment, loan, subscription, advance, deposit of money, services or anything of more than nominal value, present or promised unless consideration of substantially equal or greater value was exchanged.
- 16. eVA BUSINESS-TO-GOVERNMENT VENDOR REGISTRATION: The eVA Internet electronic procurement solution, web site portal https://eva.virginia.gov/, streamlines and automates government purchasing activities in the Commonwealth. The portal is the

- gateway for vendors to conduct business with state agencies and public bodies. All vendors desiring to provide goods and/or services to Virginia Tech should participate in the eVA Internet e-procurement solution either through the eVA Basic Vendor Registration Service or eVA Premium Vendor Registration Service. Failure to register may result in the proposal being rejected.
- 17. FEDERAL FUNDS: If goods and/or services under this procurement are funded by Federal grants or awards, the terms and conditions governing 2 CFR 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (effective 12/26/14) shall also apply.
 - APPENDIX II TO PART 200—CONTRACT PROVISIONS FOR NON-FEDERAL ENTITY CONTRACTS UNDER FEDERAL AWARDS If a Purchase Order is issued under a Federal Government grant, award or contract/subcontract, it shall be subject to the clauses and conditions of that grant, award or contract/subcontract and all applicable Federal Regulations.
- 18. IMMIGRATION REFORM AND CONTROL ACT OF 1986: By submitting their proposals, the offerors certify that they do not and will not during the performance of this contract employ illegal alien workers or otherwise violate the provisions of the federal Immigration Reform and Control Act of 1986.
- 19. INDEMNIFICATION: Contractor agrees to indemnify, defend and hold harmless Virginia Tech and the Commonwealth of Virginia and their officers, agents, and employees from any claims, damages and actions of any kind or nature whether at law or in equity, arising from or caused by the use of any materials, goods, or equipment of any kind or nature, furnished by the contractor/any services of any kind or nature furnished by the contractor, provided that such liability is not attributable to the sole negligence of Virginia Tech or failure of Virginia Tech to use the materials, goods, or equipment in the manner already and permanently described by the contractor on the materials, goods or equipment delivered.
- 20. INDEPENDENT CONTRACTOR: The contractor shall not be an employee of Virginia Tech, but shall be an independent contractor. Nothing in this agreement shall be construed as authority for the contractor to make commitments which shall bind Virginia Tech, or to otherwise act on behalf of Virginia Tech, except as Virginia Tech may expressly authorize in writing.
- 21. LATE PROPOSALS: To be considered for selection, proposals must be received by the Virginia Tech Procurement Department, Ste. 2100, Virginia Tech, 300 Turner Street NW, Blacksburg, Virginia 24061, by the designated date and hour. The official time used in the receipt of proposals is that time on the automatic time stamp machine in the Virginia Tech Procurement Department. Proposals received in the Virginia Tech Procurement Department after the date and hour designated are automatically disqualified and will not be considered. Virginia Tech is not responsible for delays in the delivery of mail by the U.S. Postal Service, private couriers, the intrauniversity mail system, or another means of delivery. It is the sole responsibility of the offeror to insure that its proposal reaches the Virginia Tech Procurement Department by the designated date and hour.
- 22. MANDATORY USE OF VIRGINIA TECH FORMS AND TERMS AND CONDITIONS: Failure to submit a proposal on the official Virginia Tech form provided for that purpose may be a cause for rejection of the proposal. Modification of or additions to the General Terms and Conditions of the solicitation may be cause for rejection of the proposal; however, Virginia Tech reserves the right to decide, on a case by case basis, in its sole discretion, whether to reject such a proposal.
- 23. NONDISCRIMINATION OF CONTRACTORS: An offeror or contractor shall not be discriminated against in the solicitation or award of this contract because of race, religion, color, sex, national origin, age, disability, faith-based organizational status, any other basis prohibited by state law relating to discrimination in employment or because the offeror employs ex-offenders unless the state agency, department or institution has made a written determination that employing ex-offenders on the specific contract is not in its best interest. If the award of this contract is made to a faith-based organization and an individual, who applies for or receives goods, services, or disbursements provided pursuant to this contract objects to the religious character of the faith-based organization from which the individual receives or would receive the goods, services, or disbursements, the public body shall offer the individual, within a reasonable period of time after the date of his objection, access to equivalent goods, services, or disbursements from an alternative provider.
- 24. NONVISUAL ACCESS TO TECHNOLOGY: All information technology which, pursuant to this Agreement, is purchased or upgraded by or for the use of (the "Technology") Virginia Tech shall comply with the following nonvisual access standards from the date of purchase or upgrade until the expiration of this Agreement:
 - (i) effective, interactive control and use of the Technology shall be readily achievable by nonvisual means;
 - (ii) the Technology equipped for nonvisual access shall be compatible with the information technology used by other individuals with whom any blind or visually impaired user of the Technology interacts;
 - (iii) nonvisual access technology shall be integrated into any networks used to share communications among employees, program participants or the public; and
 - (iv) the technology for nonvisual access shall have the capability of providing equivalent access by nonvisual means to telecommunications or other interconnected network services used by persons who are not blind or visually impaired.

 Compliance with the foregoing nonvisual access standards shall not be required if the head of the using agency, institution or political subdivision determines that (i) the Technology is not available with nonvisual access because the essential elements of the Technology are visual and (ii) nonvisual equivalence is not available.

Installation of hardware, software, or peripheral devices used for nonvisual access is not required when the Technology is being used exclusively by individuals who are not blind or visually impaired, but applications programs and underlying operating systems (including the format of the data) used for the manipulation and presentation of information shall permit the installation and effective use of nonvisual access software and peripheral devices

If requested, the Contractor must provide a detailed explanation of how compliance with the foregoing nonvisual access standards is achieved and a validation of concept demonstration.

The requirements of this Paragraph shall be construed to achieve full compliance with the Information Technology Access Act, § 2.2-3500 through 2.2-3504 of the <u>Code of Virginia.</u>

25. PARKING PERMITS: Virginia Tech Parking Services requires the purchase and display of a parking permit for all vendor/business/contractor vehicles, privately and company owned, that park on campus. The cost of the permit is listed on the Parking and Transportation website under vendor/business/contractor https://parking.vt.edu/permits/pricing.html. Permit options include one year, six months, three months, summer, or day. Permits are available through application at Virginia Tech Parking Services, 505 Beamer Way, Blacksburg, Virginia 24061. Additional information is available at https://parking.vt.edu/parking/vbc.html or by calling Parking Services at (540) 231-3200.

26. PAYMENT:

A. TO PRIME CONTRACTORS:

- 1) Invoices for items ordered, delivered and accepted shall be submitted by the Contractor directly to the payment address shown on the purchase order/contract. All invoices shall show the Virginia Tech or state contract number and/or purchase order number; social security number (for individual contractors) or the federal employer identification number (for proprietorships, partnerships, and corporations).
- 2) Any payment terms requiring payment in less than 30 days will be regarded as requiring payment 30 days after invoice or delivery, whichever occurs last. This shall not affect offers of discounts for payment in less than 30 days, however.
- 3) All goods or services provided under this contract or purchase order, that are to be paid for with public funds, shall be billed by the Contractor at the contract price, regardless of which public agency is being billed.
- 4) The following shall be deemed to be the date of payment: the date of postmark in all cases where payment is made by mail, or the date of offset when offset proceedings have been instituted as authorized under the Virginia Debt Collection Act.
- 5) Unreasonable Charges. Under certain emergency procurements and for most time and material purchases, final job costs cannot be accurately determined at the time orders are placed. In such cases, contractors should be put on notice that final payment in full is contingent on a determination of reasonableness with respect to all invoiced charges. Charges which appear to be unreasonable will be researched and challenged, and that portion of the invoice held in abeyance until a settlement can be reached. Upon determining that invoiced charges are not reasonable, the Commonwealth shall promptly notify the contractor, in writing, as to those charges which it considers unreasonable and the basis for the determination. A contractor may not institute legal action unless a settlement cannot be reached within thirty (30) days of notification. The provisions of this section do not relieve an agency of its prompt payment obligations with respect to those charges which are not in dispute (*Code of Virginia*, § 2.2-4363).

B) TO SUBCONTRACTORS:

- 1) A contractor awarded a contract under this solicitation is hereby obligated:
 - a) To pay the subcontractor(s) within seven (7) days of the contractor's receipt of payment from the Commonwealth for the proportionate share of the payment received for work performed by the subcontractor(s) under the contract; or
 - b) To notify Virginia Tech and the subcontractor(s), in writing, of the contractor's intention to withhold payment and the reason. The contractor is obligated to pay the subcontractor(s) interest at the rate of one percent per month (unless otherwise provided under the terms of the contract) on all amounts owed by the contractor that remain unpaid seven (7) days following receipt of payment from the Commonwealth, except for amounts withheld as stated in b) above. The date of mailing of any payment by U.S. Mail is deemed to be payment to the addressee. These provisions apply to each sub-tier contractor performing under the primary contract. A contractor's obligation to pay an interest charge to a subcontractor may not be construed to be an obligation of the Commonwealth.
- 27. PRECEDENCE OF TERMS: Paragraphs 1, 2, 3, 7, 8, 9, 13, 15, 18, and 19 of these General Terms and Conditions shall apply in all instances. In the event there is a conflict between any of the other General Terms and Conditions and any Special Terms and Conditions in this solicitation, the Special Terms and Conditions shall apply.
- 28. PUBLIC NOTICE OF AWARD: Public notice of the purchase order/contract award will be publicly posted on the DGS/DPS eVA web site https://eva.virginia.gov/. Award information may also be obtained by contacting the buyer whose name appears on the solicitation.
- 29. QUALIFICATIONS OF OFFERORS: Virginia Tech may make such reasonable investigations as deemed proper and necessary to determine the ability of the offeror to perform the work/furnish the item(s) and the offeror shall furnish to Virginia Tech all such information and data for this purpose as may be requested. Virginia Tech reserves the right to inspect offeror's physical facilities prior to award to satisfy questions regarding the offeror's capabilities. Virginia Tech further reserves the right to reject any proposal if the evidence submitted by, or investigations of, such offeror fails to satisfy Virginia Tech that such offeror is properly qualified to carry out the obligations of the contract and to complete the work/furnish the item(s) contemplated therein.
- 30. SMALL, WOMEN, AND MINORITY-OWNED (SWAM) BUSINESS SUBCONTRACTING AND EVIDENCE OF COMPLIANCE:
 - A. Where it is practicable for any portion of the awarded contract to be subcontracted to other suppliers, the contractor is encouraged to offer such business to small, women, and/or minority-owned (SWAM) business. If SWAM subcontractors are used, the prime contractor agrees to report the use of SWAM subcontractors by providing the Owner at a minimum the following information: name of firm, SBSD SWAM certification number, phone number, total dollar amount subcontracted, category type (small, women, or minority-owned), and type of product/service provided. Note that SWAM vendors MUST be certified with the Virginia Department of Small Business and Supplier Diversity (SBSD) http://www.sbsd.virginia.gov.

B. Definitions:

1) Small business – An independently owned and operated business which, together with affiliates, has 250 or fewer employees or average annual gross receipts of \$10 million or less averaged over the previous three years. Virginia Department of Small

- Business and Supplier Diversity (SBSD) certified women-owned and minority-owned business shall also be considered small business when they have received SBSD small business certification.
- 2) Women-owned business A business concern that is at least 51% owned by one or more women who are U. S. citizens or legal resident aliens, or in the case of a corporation, partnership, or limited liability company or other entity, at least 51% of the equity ownership interest is owned by one or more women who are citizens of the United States or non-citizens who are in full compliance with the United States immigration law, and both the management and daily business operations are controlled by one or more women who are U. S. citizens or legal resident aliens.
- 3) Minority-owned business A business concern that is at least 51% owned by one or more minority individuals (see Section 2.2-1401, Code of Virginia) or in the case of a corporation, partnership, or limited liability company or other entity, at least 51% of the equity ownership interest in the corporation, partnership, or limited liability company or other entity is owned by one or more minority individuals and both the management and daily business operations are controlled by one or more minority individuals.
- 4) Minority individual means an individual who is a citizen of the United States or a non-citizen who is in full compliance with United States immigration law and who satisfies one or more of the following definitions:
 - a) "African American" means a person having origins in any of the original peoples of Africa and who is regarded as such by the community of which this person claims to be a part.
 - b) "Asian American" means a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands, including but not limited to Japan, China, Vietnam, Samos, Laos, Cambodia, Taiwan, Northern Marinas, the Philippines, a U. S. territory of the Pacific, India, Pakistan, Bangladesh, or Sri Lanka and who is regarded as such by the community of which this person claims to be a part.
 - c) "Hispanic American" means a person having origins in any of the Spanish-speaking peoples of Mexico, South or Central America, or the Caribbean Islands or other Spanish or Portuguese cultures and who is regarded as such by the community of which this person claims to be a part.
 - d) "Native American" means a person having origins in any of the original peoples of North America and who is regarded as such by the community of which this person claims to be a part or who is recognized by a tribal organization.
- C. All Small, Woman-owned, Minority-owned and Disabled Veteran-owned businesses who meet the definition established by the Code of Virginia as certifiable are strongly encouraged to obtain certification with the Virginia Department of Small Business and Supplier Diversity (SBSD).
- 31. SUPREMACY CLAUSE: Notwithstanding any provision in the bidder's response to the contrary, the bidder agrees that the terms and conditions contained in Virginia Tech's bid prevail over contrary terms and conditions contained in the bidder's response.
- 32. SUSTAINABILTY COMMITMENT: To become a Leader in Campus Sustainability, Virginia Tech developed a unique Climate Action Commitment and Sustainability Plan (VTCAC&SP)
 - https://www.facilities.vt.edu/content/dam/facilities_vt_edu/sustainability/climate-action-commitment.pdf.
 - The Supplier agrees to use its best efforts to support Virginia Tech's environmental sustainability efforts and promote sustainable business practices within its own organization. Virginia Tech may from time to time request information from the Supplier to ensure that it is demonstrating commitment to environmental sustainability. The Supplier agrees to provide information as requested. In addition, the Supplier will consider any commercially reasonable requests that Virginia Tech puts forth to promote environmentally sustainable business practices. The Supplier's response to these requests may inform Virginia Tech's decision when purchasing those goods or services in the future.
- 33. TAXES: Sales to Virginia Tech and the Commonwealth of Virginia are normally exempt from State sales tax, State sales and use tax certificates of exemption, Form ST-12, will be issued upon request. Deliveries against this contract shall be free of Federal excise and transportation taxes. The Commonwealth's excise tax exemption registration number is 54-73-0076K.
- 34. TESTING AND INSPECTION: Virginia Tech reserves the right to conduct any test/inspection it may deem advisable to assure supplies and services conform to the specification.
- 35. TRANSPORTATION AND PACKAGING: By submitting their proposals, all offerors certify and warrant that the price(s) offered are for FOB destination and include only the actual freight rate costs at the lowest and best rate and is based upon the actual weight of the goods to be shipped. Except as otherwise specified herein, standard commercial packaging, packing and shipping containers shall be used. All shipping containers shall be legibly marked or labeled on the outside with purchase order number, commodity description, and quantity.
- 36. USE OF BRAND NAMES: Unless otherwise provided in this solicitation; the name of a certain brand, make or manufacturer does not restrict offerors to the specific brand, make or manufacturer named, but conveys the general style, type, character, and quality of the article desired. Any article which Virginia Tech in its sole discretion determines to be equal of that specified, considering quality, workmanship, economy of operation, and suitability for the purpose intended, shall be accepted. The offeror is responsible to clearly and specifically indicate the product being offered and to provide sufficient descriptive literature, catalog cuts and technical detail to enable Virginia Tech to determine if the product offered meets the requirements of the solicitation. This is required even if offering the exact brand, make or manufacturer specified. Unless the offeror clearly indicates in its proposal that the product offered is an "equal" product, such proposal will be considered to offer the brand name product referenced in the solicitation.
- 37. COUNTERFEIT PARTS: This purchase shall be governed by and in accordance with DFARS Sections 246.870 and 252.246-7007. Any electronic parts must have a Certificate of Origin and the total quantity of any individual part must be from a single manufacturing lot or date code.

Proposal







Esport Supply response to Virginia Tech

RFP #443882504 FF&E War Memorial Hall eSports Area





TABLE OF CONTENTS

Cover Page	1
Table of Contents	2
Our Work in Esports	3
Our Clients	3
Esports In Action	5
Project Leadership	6
RFP Response Proposal Components	8-29
References	30
Appendix	35
Case Studies	36-43
Thank You	44























































































































COMPETITIVE STAGE AND SPECTATOR AREA

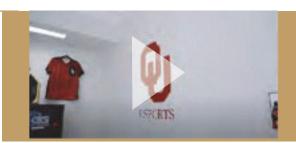


ESPORTS IN ACTION - VIDEOS

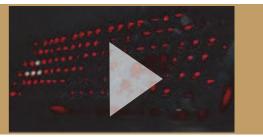


UNIVERSITY OF OKLAHOMA

Design and build of community space that includes PC, Console, iRacing, and VR along with broadcasting and AV rooms.



https://youtu.be/kvt1l_hYpfs?si=aWY5sxdj4vZiosXC



https://www.youtube.com/watch?v=70ehuHomRlY

SUNY JAMESTOWN

Design and build of an old train depot that included an esports community arena, a community lounge room, varsity room, coach room, console area, and viewing areas.





GALLAUDET UNIVERSITY

Design and build out a community gaming arena, spectator viewing area, and dedicated iRacing space.



https://www.youtube.com/watch?v=3vLMT2-v0KE



https://www.youtube.com/watch?v=Udj9HytPNyw

SOUTHERN UNIVERSITY

Design and build of a community space, varsity gaming space, spectator seating, and competition stage, along with a broadcasting and AV room.





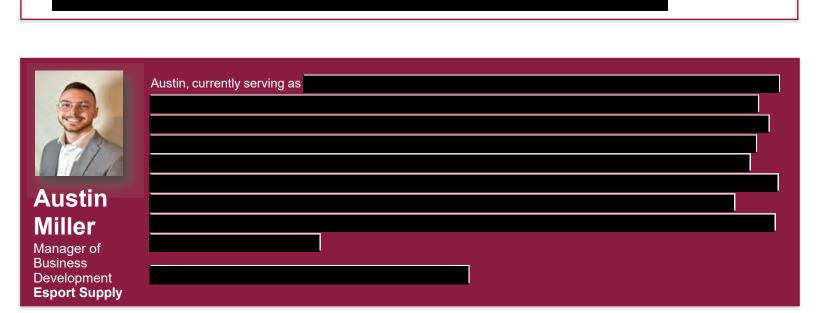
CSU CHICO

Design and build of community gaming space with PC gaming, console gaming, lounge space, and coaches room.



PROJECT LEADERSHIP







Harter Principal

Esport Supply







Virginia Tech RFP #443882501 Proposal Components

RFP #443882501, FF&E War Memorial Hall eSports Area

INCLUDE THIS PAGE WITH YOUR PROPOSAL, SIGNATURE AT SUBMISSION IS REQUIRED

DUE DATE: Proposals will be received until Wednesday, June 18, 2025, at 3:00 PM. Failure to submit proposals to the correct location by the designated date and hour will result in disqualification.

INQUIRIES: All inquiries for information regarding this solicitation should be directed to Deirdre Curry, Phone: (540) 231-4775; e-mail: . All inquiries will be answered in the form of an addendum. Inquiries must be submitted by 5:00 PM on June 9, 2025. Inquiries must be submitted to the procurement officer identified in this solicitation.

PRE-PROPOSAL CONFERENCE: No pre-proposal conference will be held. To request a site visit, please contact Deirdre Curry at

PROPOSAL SUBMISSION:

*Please note, proposal submission procedures have changed effective

Proposals may NOT be hand delivered to the Procurement Office.

Proposals should be submitted electronically through Virginia Tech's procurement portal. This portal allows you access to view business opportunities and submit bids and proposals to Virginia Tech digitally and securely.

Proposals must be submitted electronically at:

Vendors will need to register through this procurement portal, hosted by Jaggaer. It is encouraged for all vendors to register prior to the proposal submission deadline to avoid late submissions. Registration is easy and free. If you have any challenges with the registration process, please contact Jaggaer Support at 1-800-233-1121 or procurement@vt.edu.

Click on the opportunity and log in to your vendor account to begin preparing your submission. Upon completion, you will receive a submission receipt email confirmation. Virginia Tech will not confirm receipt of proposals. It is the responsibility of the offeror to make sure their proposal is delivered on time.

Hard copy or email proposals will not be accepted. Late proposals will not be accepted, nor will additional time be granted to any individual Vendor.

Attachments must be smaller than 50MB in order to be received by the University.

In compliance with this Request For Proposal and to all the conditions imposed therein and hereby incorporated by reference, the undersigned offers and agrees to furnish the goods or services in accordance with the attached signed proposal and as mutually agreed upon by subsequent negotiation.

AUTHORIZED SIGNATURE:

Date: 6/17/2025



A. Specific Requirements

Proposals should be as thorough and detailed as possible so that Virginia Tech may properly evaluate your capabilities to provide the required goods or services. Offerors are required to submit the following information/items as a complete proposal:

1. Describe your experience providing eSport related equipment.

Esport Supply has extensive experience in delivering comprehensive esports solutions, having successfully supported over 100 institutions, including colleges, universities, K-12 schools, and private esports facilities, in building state-of-the-art gaming environments. Our expertise spans the procurement, delivery, and installation of high-performance esports equipment, including custom gaming PCs, peripherals, and ergonomic furniture, all designed to meet the rigorous demands of competitive and casual gaming. (https://www.esportsupply.com/)

We specialize in providing gaming PCs that meet or exceed specifications such as those outlined in the RFP, including Intel Core Ultra 7 processors, NVIDIA RTX 5070 graphics cards (or equivalent), 32 GB RAM, 1 TB SSDs, Windows 11 Pro, and Gold-rated power supplies. Our team collaborates with leading gaming manufacturers to source equipment that ensures optimal performance, low latency, and reliability, critical for tournament-level play. Additionally, we supply peripherals such as monitors, keyboards, mice, mouse pads, and headsets, each accompanied by detailed datasheets to confirm compliance with specified requirements.

Beyond hardware, we provide ergonomic furniture tailored for esports environments, including specialized gaming chairs and desks that enhance player comfort and facility aesthetics. Our team, composed of former university club founders, leaders, and national champions, brings real-world insights to ensure equipment selections align with the needs of competitive gamers and institutional goals. We have worked with clients across the USA and Canada delivering turnkey solutions that include equipment procurement, assembly, and on-site installation, all coordinated to minimize disruption to facility operations. Every piece of equipment is backed by robust warranties—two years for custom gaming PCs and one year for peripherals—ensuring long-term reliability and support. (https://www.esportsupply.com/esport-facility-lan-management/)

Our proven track record includes designing and outfitting esports arenas that foster community engagement and provide immersive gaming experiences. We handle all aspects of equipment delivery, from coordinating logistics to removing packaging and debris, leaving the facility ready for immediate use. By leveraging best practices developed through our extensive industry experience, Esport Supply ensures that Virginia Tech's esports facility will be equipped with cutting-edge, high-quality equipment tailored to create a premier gaming environment.





A. Specific Requirements

2. Describe your experience providing license management services.

Esport Supply provides license management services through a strategic partnership with ggCircuit, a leading esports software platform used in academic and commercial gaming environments worldwide. We serve as their largest higher education reseller. Through ggCircuit's ggLeap and ggRock systems, we deliver robust license management that ensures secure, centralized control over game access, software updates, and user authentication across all gaming stations. This partnership enables Virginia Tech to streamline game deployment, maintain compliance with publisher licensing requirements, and reduce IT overhead—ensuring a scalable and efficient solution tailored to the demands of a modern esports facility.

Using the industry-leading ggLeap platform from ggCircuit, we provide centralized license management that simplifies the deployment and updating of game licenses across all gaming stations. This platform supports automated patching and validation routines, ensuring that all titles remain current, conflict-free, and compliant with publisher requirements, minimizing downtime and enhancing user experience. For Virginia Tech, we will procure and install licenses for specified titles, utilizing shared or institutional accounts where permitted, particularly for consoles, to streamline access for students and esports team members.

We provide comprehensive documentation detailing all licensed games, including license types (individual, bulk, or institutional), account credentials, and clear login instructions, presented in both digital and printed formats for ease of management. Our ongoing support includes remote technical assistance and coordination with publishers to handle renewals and updates, ensuring Virginia Tech's esports facility operates smoothly and remains compliant with all licensing requirements.





SCHEDULE AND MILESTONES

Project Initiation and Planning
Week 1-2

- Kickoff meeting with Virginia Tech's project management and procurement teams to finalize scope, specifications, and timeline.
- Conduct a needs assessment and site survey to confirm equipment and furniture requirements.
- Finalize procurement plans for gaming PCs, peripherals, furniture, and game licenses.
- Equipment and License Procurement
 Week 3–6
 (Lead Time: 4 Weeks)**
- Order custom gaming PCs (Intel Core Ultra 7, NVIDIA RTX 5070, 32 GB RAM, 1 TB SSD, Windows 11 Pro, Gold-rated power supply) and peripherals (monitors, keyboards, mice, mouse pads, headsets). Estimated lead time: 3–4 weeks for manufacturing and delivery.
- Procure ergonomic furniture (chairs, desks) tailored to the esports arena.
 Estimated lead time: 2–3 weeks for delivery.
- Acquire digital game licenses for PC, Xbox Series X, and PlayStation 5
 platforms, coordinating with publishers for compliance and institutional
 accounts. Estimated lead time: 1–2 weeks for license activation.
- Delivery and Pre-Installation Preparation Week 7–8 (Lead Time: 2 Weeks)**
- Coordinate logistics for equipment and furniture delivery to Virginia Tech's facility, ensuring alignment with university staff schedules to avoid operational disruptions.
- Pre-configure gaming PCs and consoles with necessary software and licenses off-site to expedite on-site setup.
- Prepare detailed installation plans and assign dedicated installers to execute the project.
- On-Site Installation and Setup
 Week 9–10

(Lead Time: 2 Weeks)**

- Deliver, assemble, and install all equipment and furniture in the esports arena, adhering to the approved design and specifications.
- Install and activate game licenses across all PC and console stations, integrating with ggLeap for centralized management.
- Conduct system testing to ensure all hardware, software, and network configurations meet performance standards.
- Remove all packaging and debris, leaving the facility clean and ready for
- Training and Handover
 Week 11
 (Lead Time: 1 Week)**
- Provide training for university staff on ggLeap's admin interface, including license management, user access control, and system monitoring.
- Deliver comprehensive documentation, including equipment warranties (two years for PCs, one year for peripherals), a list of licensed games, license types, and login instructions.
- Conduct a final walkthrough with Virginia Tech staff to ensure satisfaction and address any concerns.
- Project Closeout and Ongoing Support
 Week 12
 (Lead Time: 1 Week)**
- · Finalize project deliverables and obtain university approval.
- Initiate ongoing remote technical support via our multi-channel help desk, including extended hours for troubleshooting and software updates.
- Provide access to Esport Supply resources for continued education and community-building support.





A. Specific Requirements

**Notes on Lead Times:

- Lead times for equipment procurement may vary slightly based on supplier availability and global supply chain conditions. Esport Supply maintains strong relationships with leading manufacturers to mitigate delays.
- License procurement lead times depend on publisher response times, but our established partnerships expedite this process.
- The schedule can be adjusted to align with Virginia Tech's academic calendar or specific operational constraints, with regular progress updates provided to ensure transparency.

Esport Supply's project management team, backed by our experience with over 100 organizations globally, will coordinate all phases of the project to ensure timely execution. We will assign a dedicated project manager to serve as the primary point of contact, ensuring seamless communication and adherence to the agreed-upon timeline, delivering a fully operational esports facility ready to support Virginia Tech's esports program. (https://www.esportsupply.com/esport-facility-lan-management/)



VI. STATEMENT OF NEEDS/SCOPE OF WORK:



A. Installation, Support and Warranty Requirements

Virginia Tech confirms that all networking infrastructure will be in place prior to delivery.

1) INSTALLATION

- a. Vendor must deliver, assemble, and install all equipment and furniture on-site.
- b. All packaging and debris must be removed and properly disposed of by the vendor.
- c. Installation must be coordinated with university staff to avoid disruption to facility operations.

Our team is committed to delivering a seamless and professional installation experience tailored to the university's needs for the esports arena and related spaces. We work closely with the university's project management and procurement services teams to develop a detailed installation schedule that minimizes disruption to ongoing facility operations. Our experienced installers follow crafted installation plans to ensure that all equipment and furniture are assembled and installed with precision, adhering strictly to the project's specifications and scope.

To maintain the integrity and aesthetics of the facility, our team takes great care to protect the building's infrastructure during the installation process. All equipment and furniture are delivered, assembled, and installed on-site with a focus on quality and efficiency. Upon completion, we ensure that all packaging materials, debris, and waste are removed and disposed of responsibly in accordance with environmental standards and university policies. Our goal is to leave the esports arena and related spaces in pristine condition, fully prepared for immediate use by esports members and ready to provide an exceptional gaming experience.

Additionally, we prioritize open communication and coordination with university staff throughout the process. Our project managers will provide regular updates and remain available to address any concerns, ensuring a smooth and collaborative installation process that aligns with the university's operational needs and timeline.



VI. STATEMENT OF NEEDS/SCOPE OF WORK:



A. Installation, Support and Warranty Requirements

2) SUPPORT AND WARRANTY

a. All items should include a manufacturer or vendor warranty; no minimum length is required but must be clearly described in the proposal.

All equipment provided by Esport Supply is backed by warranty coverage to ensure the reliability and longevity of your esports facility. Our custom gaming PCs are supported by a robust two-year manufacturer warranty, providing peace of mind for your investment. All peripherals, come with a one-year manufacturer warranty, ensuring prompt resolution for any issues that may arise. Detailed warranty terms and conditions will be included during the purchase, outlining the scope of coverage and the process for service or repairs to maintain transparency and alignment with your expectations.

b. Remote technical support must be included for troubleshooting and assistance related to the gaming PCs and peripherals.

At Esport Supply, our commitment to your esports facility extends well beyond the initial installation, ensuring the long-term success and sustainability of your investment. We provide comprehensive remote technical support designed to keep your gaming PCs and peripherals operating at peak performance, fostering a thriving esports community. Our Support Services include a robust, multi-channel help desk staffed by knowledgeable technicians who are also avid gamers, offering extended hours to promptly address any technical issues that may arise.

Our remote support encompasses troubleshooting, diagnostics, and resolution for gaming PCs, peripherals, and related software, ensuring minimal downtime and an optimal gaming experience. We provide ongoing software management, including game updates and patches, to keep your systems current and secure. Additionally, our services include detailed analytics and reporting to monitor system performance, warranty support for hardware, and seamless escalation to Tier 2 and Tier 3 support with hardware and software vendors when advanced assistance is required.

To further enhance your experience, our Concierge Tier 1 Help Desk offers personalized, user-friendly assistance, ensuring that university staff and esports members receive prompt and effective solutions. Our team is dedicated to empowering your esports program by providing continuous education and resources to maximize the functionality of your equipment. With Esport Supply, you can trust that your facility is supported by a responsive, expert team committed to delivering exceptional service and maintaining the integrity of your esports environment.



VI. STATEMENT OF NEEDS/SCOPE OF WORK:



A. Installation, Support and Warranty Requirements

3) EQUIPMENT DELIVERABLES

a. Gaming Computers (36 Total)

1. Each unit must meet or exceed the following specifications:

i. Processor: Intel Core Ultra 7

ii. Graphics Card: NVIDIA RTX 5070 (or equivalent or better)

iii. Memory: 32 GB RAM iv. Storage: 1 TB SSD

v. Operating System: Windows 11 Pro

vi. Gold Rated Power Supply

2. Gaming Peripherals (36 of each)

i. Monitors: 27" minimum, 1080p or higher resolution, 144Hz refresh rate or higher

ii. Keyboards: Mechanical or high-performance gaming keyboards

iii. Mice: Wired or wireless gaming mice with adjustable DPI

iv. Mouse Pads: Gaming-quality surface pads

v. Headsets: Over-ear gaming headsets with built-in microphones

3. Gaming Consoles and Displays

- i. 3x Xbox Series X
- ii. 3x PlayStation 5
- iii. 8x 50" or larger 4K UHD TVs
- iv. 3x Console Gaming Hubs (furniture/supports for 2 console gaming stations)

Esport Supply confirms that all gaming peripherals provided, including monitors, keyboards, mice, mouse pads, and headsets, fully meet or exceed the specifications outlined in the RFP. Detailed datasheets for each peripheral are included in our proposal, clearly documenting the technical specifications to ensure transparency and alignment with your requirements. We guarantee that every peripheral has been carefully selected to deliver optimal performance, durability, and user comfort, enhancing the overall esports experience for your facility.

Esport Supply confirms that all 36 gaming computers provided will meet or exceed the specified requirements. Each unit will be equipped with an Intel Core Ultra 7 processor, an NVIDIA RTX 5070 graphics card (or equivalent or better), 32 GB of RAM, a 1 TB SSD, Windows 11 Pro operating system, and a Gold-rated power supply, ensuring high-performance and reliability for your esports facility.





SPECIFICATIONS

Processor	Intel Core Ultra 7 265
Air Cooler	CPU Air Cooler
Graphics Card	NVIDIA GeForce RTX 5070, 12GB OC
Memory	32GB 5600MHz-DDR5
Storage	1TB
Operating System	Microsoft Windows 11 Professional
Power Supply	850W 80+Gold
Motherboard	Z890 UD WIFI6E
Details	Custom tuning Windows 11 base tune for maximum FPS, BIOS Optimization, GPU Optimization



MONITORS

MAG 274CXF







SPECIFICATIONS

Panel Size	27" (68.58 cm)
Active Display Area (mm)	597.888 (H) x 336.312 (V)
Curvature	Curve 1500R
Panel Type	Rapid VA
Panel Resolution	1920×1080 (FHD)
Pixel Pitch (H x V)	0.3114(H)x0.3114(V)
Aspect Ratio	16:9
Brightness (nits)	300 (Typ.)
Contrast Ratio	4000:1 (Typ.)
DCR	100000000:1
Signal Frequency	309.504~589.120KHz (H) / 48~280Hz(V
ACTIVATED RANGE	48 to 280Hz
Refresh Rate	280Hz
Response time	0.5ms (GtG, Min.)
DYNAMIC REFRESH RATE TECHNOLOGY	AMD FreeSync™ Premium
HDR Support	HDR Ready
Video ports	1 x DisplayPort 1.2a 2 x HDMI™ 2.0b (FHD@240Hz)
USB ports	N/A
Audio ports	1 x Headphone-out
Viewing Angle	178°(H) / 178°(V)
Adobe RGB / DCI-P3 / sRGB	88.3% / 92.2% / 123.3%
Surface Treatment	Anti-glare
Display Colors	1.07B , 10 bits (8 bits + FRC)
Frameless Design	Yes
PIP / PBP Function	Yes
Power Type	External Adaptor 20V 2.25A
Power Input	100~240V, 50/60Hz
Adjustment (Tilt)	-5° ~ 20°
Kensington Lock	Yes
VESA Mounting	100 x 100 mm
Weight (NW / GW)	3.4kg / 6.1kg 3kg (without stand)
Dimension (W x D x H)	613.5 x 249.8 x 438.3mm 613.5 x 76.6 x 363.6mm (without stand)
Carton Dimension (W X D X H)	WW carton: 750 x 150 x 488mm Outer: 765 x 165 x 515mm

FEATURES



Curved 1500R

1500R Bring an immersive & comfortable viewing experience to eliminate distortion and cover a wider field of view



Make sure the intensity and purity of colors when gaming.



280Hz High Refresh Rate

280_{Hz} Experience smooth gaming with a blazing fast refresh rate, that gives you the upper hand in fast-moving games.



0.5ms (GtG, Min.) Response Time

Eliminate screen tearing and choppy frame rates with 0.5ms (GtG, Min.) Response Time.



Provide eye-catching detail through contrast and shadows adjustment.



Console Mode

Optimized for seamless compatibility with gaming consoles like PS5 and Xbox Series X|S.



MAG 274CXF

Note

Display Port: 1920 x 1080 (Up to 280Hz) HDMI 2.0b: 1920 x 1080 (Up to 240Hz) Adobe RGB, DCI-P3 and sRGB follow CIE1976 Standard

CONNECTIONS



- 1. 5-way Joystick Navigator
- 2. DC-in
- 3. Display Port 1.2a
- 4. 2x HDMI™ 2.0b(FHD@240Hz)
- 5. Earphone out
- 6. Kensington Lock

19



MAESTRO 300





SPECIFICATIONS

MODEL NAME	MAESTRO 300
DRIVER UNIT	40mm Neodymium
SPEAKER FREQUENCY RESPONSE	20 – 40000 Hz
SPEAKER SENSITIVITY (SPL)	118.5 ± 3db
SPEAKER IMPEDANCE	32 Ω
MICROPHONE FREQUENCY RESPONSE	50 - 15,000 Hz
MICROPHONE SENSITIVITY	-40 dB
MICROPHONE IMPEDANCE	≦ 2.2 KΩ
PICKUP PATTERN	Unidirectional (Cardioid)
CONNECTOR	Wired USB-C USB-C to A Adapter
CABLE TYPE	USB-C: 1.5m
	PC, Mac, PlayStation [°] , Nintendo Switch™, Android & iOS
COMPATIBILITY	(*All trademarks and registered trademarks are the property of their respective owners.)
OPERATING SYSTEM	Windows 10 (and above)
PRODUCT DIMENSIONS	197 x 165 x 84 mm
WEIGHT (PRODUCT / PACKAGE)	247g (w/o Mic) & 258g (w/ Mic) / 543g

FEATURES



High-resolution 40mm Neodymium Drivers

Boasting a broad frequency response, the high-resolution 40mm drivers fine-tuned by MSI reproduce true-to-life audio for immersive playback in games, movies, and music.



Detachable Unidirectional (Cardioid) Mic

Experience clear voice capture with a high-quality unidirectional (cardioid) microphone and detach it for immersive music and movie enjoyment.



Mesh Chill or Leather Thrill

Choose high-density foam earpads: breathable mesh for all-day freshness or luxurious protein leather for superior sound isolation and a better seal.



Durable Lightweight Comfort

Weighing only 247g (without mic), the MAESTRO 300 is designed for comfort with thick head padding and a lightweight, durable build for extended gaming sessions.



Snug Fit for All Heads

The swiveling 90-degree tiltable earcups and robust size adjustment mechanism easily fit any head shape, ensuring the best seal for an immersive audio experience.



Ouick Control

Toggle to mute the microphone, and adjust the volume, using the wheel, all within reach on the left earcup.



Simply plug the headset in and it's ready to go by connecting it to any available USB port with the USB-C cable or USB-C to A adapter.



Universal Compatibility

Tailored for PC gaming yet versatile across platforms with seamless connectivity with Mac, PlayStation, Nintendo Switch, and mobile devices.



Nahimic for Headset

The world-renowned audio software elevates the gaming experience with 3D sound technology and advanced sound tuning for unparalleled immersion.



MSI Center

MSI Center software lets users get the most out of MSI peripherals by offering additional features and options with just a few clicks.

11151







SPECIFICATIONS

MODEL NAME	VIGOR GK30 GAMING KEYBOARD
KEYBOARD INTERFACE	USB 2.0
BACKLIGHT	RGB
SWITCH TYPE	Plunger Switches
OPERATING SYSTEM	Windows 10 / 8.1 / 8 / 7
N-KEY ROLLOVER	6 Keys Rollover 20 Keys Anti-Ghosting
KEY STROKE LIFE	12+ Million
CABLE TYPE	1.8m with gold-plated connector
NORMAL KEYS	104 / 105 / 108 keys (different by languages)
PRODUCT DIMENSIONS (MM)	438 x 157 x 38mm
WEIGHT (PRODUCT / PACKAGE)	1042 g / 1303 g

FEATURES

- · Mechanical-like plunger switches for a crisp typing experience
- \cdot Stunning RGB lighting effects in 6 areas
- · Increased stability with Gaming Base
- · Water repellent keyboard design
- \cdot Fine-tune detail settings with Dragon Center





SPECIFICATIONS

Model Name	CLUTCH GM08 GAMING MOUSE
Response time	1000Hz
Main Key switches	Switch with 10+ Million Clicks
USB 2.0 Interface	USB 2.0
DPI switch	200 / 400 / 800 / 1600 / 3200 (max. 4200 by software)
USB Cable	1.8m with gold-plated connector
Color	Black
WEIGHT (PRODUCT / PACKAGE)	92g (w/o weights & cable) / 103g
LED Light	Red
Sensor	PAW-3519 Sensor
Dimensions(mm)	128 x 68.5 x 40.5 mm
Sensor	Optical
Buttons	6
OS Supported	Windows 10 / 8.1 / 8 / 7

FEATURES

- · Accurate optical sensor
- · Durable build quality
- · Adjustable weight system
- · On the fly change







SPECIFICATIONS

Surface	Silk Gaming Fabric Surface	
Model Name	AGILITY GD30 GAMING MOUSEPAD	
$\underline{\textbf{Dimension (mm)}} \hspace{2cm} \underline{\textbf{450mm(L)} \times \textbf{400mm(W)} \times \textbf{3mm(H)}}$		
WEIGHT (PRODUCT / PACKAGE) 325g / 460g		
Dimensions(mm) 450mm(L) x 400mm(W) x 3mm(H)		
Base	Natural Rubber Base	

FEATURES

- · Silk Gaming Fabric surface
- · Incredible smooth user experience
- \cdot Extra soft and comfortable touch
- · Anti-slip natural rubber base



A. Installation, Support and Warranty Requirements

4) FURNITURE

Esport Supply confirms that all furniture specified in the RFP for the esports arena and related spaces is included in our proposal. Each piece of furniture has been carefully selected to meet the university's requirements for functionality, durability, and aesthetics, ensuring an optimal environment for esports activities. Our proposal includes a detailed itemized list of all furniture, complete with specifications and descriptions, presented clearly in the cost summary for full transparency. We will coordinate closely with university staff to ensure that all furniture is delivered, assembled, and installed on-site in accordance with the project timeline, maintaining the highest standards of quality and alignment with the facility's operational needs.

- i. 40x Esports Chairs (ergonomic, high-back gaming style)3x PlayStation 5Storage: 1 TB SSD
- ii. 36x Esports Desks (no more than 36" wide; cable management preferred)
- iii. 1x Locker Bay (for player gear storage)
- iv. 3x Soft Seating Couches
- v. 12x Soft Seating Elements (similar in style to Blender Wave soft seating for console gaming stations)
- vi. 6x Soft Seating Ottomans
- vii. 1x Collaboration/Conference Room Table (max dimensions: 96" x 48")
- viii. 1x 2 Person Shoutcaster Station (workstation for streaming/broadcast with monitor/mount space)





A. Installation, Support and Warranty Requirements

GAME LICENSE MANAGEMENT

The selected vendor will be responsible for acquiring and managing digital game licenses for all applicable gaming stations (PC and console). This includes ensuring legal compliance, ease of access for users, and centralized management for administrative efficiency.

Esport Supply will acquire and manage all digital game licenses for Virginia Tech University's esports facility, ensuring legal compliance, user accessibility, and streamlined administration. Utilizing ggLeap from ggCircuit, we provide a centralized platform for license management, enabling seamless access to popular esports titles on PC and console stations. The cloud-based ggLeap system offers real-time monitoring, Single Sign-On integration with university credentials, and dynamic license allocation, simplifying operations for staff. We ensure compliance through regular audits and adherence to licensing agreements, while ggLeap's security features maintain a safe gaming environment. With analytics, remote management, and integration with ggRock for efficient updates, our solution supports scalability and ease of use, empowering Virginia Tech's esports program with a robust, user-friendly ecosystem.

REQUIREMENTS

1) License Procurement

Vendor must assist in the purchase and installation of licenses for commonly played competitive and casual esports titles across PC, Xbox, and PlayStation platforms. Titles may include (but are not limited to):

a. Valorant	Free
b. League of Legends	Free
c. Rocket League	Free
d. Overwatch 2	Free
e. Fortnite	Free
f. Apex Legends	Free
g. Call of Duty	\$87.49
h. FIFA	\$87.49
i. NBA 2K	\$87.49
j. Super Smash Bros	\$74.99





A. Installation, Support and Warranty Requirements

Esport Supply is dedicated to supporting Virginia Tech University by expertly managing the procurement and installation of digital game licenses for a diverse array of competitive and casual esports titles across PC, Xbox, and PlayStation platforms, including but not limited to popular titles such as *Call of Duty*, *League of Legends*, *Rocket League*, and others specified in the RFP. Our team will collaborate closely with university staff to identify and source the required licenses, ensuring full compliance with platform-specific requirements and publisher agreements.

We streamline the process by secureing the licenses that align with the university's esports program needs. Using the ggLeap platform, we ensure seamless installation and integration of all licenses into the gaming systems, enabling immediate access for students and esports team members. Our solution includes configuring licenses for both free-to-play and premium titles, with optional Single Sign-On (SSO) integration for user convenience and security. Esport Supply guarantees that all licenses are properly installed, activated, and maintained, delivering a hassle-free experience for both players and administrators while supporting the operational and competitive goals of Virginia Tech's esports facility.

2) PC Game Platforms

Vendor must support management through centralized platforms such as Steam, Epic Games Store, Riot Client, Battle.net, etc

Esport Supply leverages ggLeap from ggCircuit to provide seamless management of PC game platforms, including Steam, Epic Games Store, Riot Client, Battle.net, and others. The platform's backend tools enable centralized deployment, version control, and license management, ensuring efficient software updates and platform integrity with minimal administrative effort, supporting a smooth and reliable gaming experience for Virginia Tech's esports facility.

3) Console Games

Games should be digitally licensed and installed on the Xbox Series X and PlayStation 5 consoles using shared or institutional accounts where allowed.

Esport Supply will manage the procurement and installation of digitally licensed console games for Virginia Tech University's esports facility, ensuring all titles on Xbox Series X and PlayStation 5 consoles are fully compliant with platform policies and accessible to users. Whenever permitted by platform terms, we will utilize shared or institutional accounts to streamline access for students and esports team members, enhancing convenience and operational efficiency. Our team will coordinate with Xbox and PlayStation networks to secure and install the required digital licenses for specified titles, ensuring seamless integration into the consoles. Using the ggLeap platform, we provide centralized management of these licenses, enabling easy monitoring and updates to maintain compliance and functionality, delivering a reliable and user-friendly gaming experience for the university's esports program.



A. Installation, Support and Warranty Requirements

4) Account and Access Management

a. Provide centralized or scalable solutions for managing user access (e.g., shared university-owned accounts, game library access across all stations).

Esport Supply utilizes ggLeap from ggCircuit to deliver centralized and scalable account and access management for Virginia Tech's esports facility. The platform supports flexible login systems, including shared university-owned accounts, student credentials, or temporary guest access, tailored to user roles and events. This ensures seamless game library access across all stations while maintaining compliance with publisher requirements for shared and public environments, enhancing security and operational efficiency.

b. Ensure licensing complies with publisher Terms of Service, including for public/multi-user environments.

Licensing will be include with each game through the terms and services for each publisher.

5) Maintenance & Updates

Vendor must ensure all game licenses are installed, activated, and regularly updated as part of system setup.

Esport Supply, through ggLeap from ggCircuit, ensures all game licenses for Virginia Tech's esports facility are installed, activated, and consistently updated during initial setup and ongoing maintenance. Automated patching and validation processes prevent version conflicts and downtime, maintaining high system availability with minimal administrative effort, ensuring a seamless gaming experience.

6) Documentations

Vendor must provide a list of all games licensed and installed, license type (individual, bulk, or institutional), and associated account credentials or login instructions.

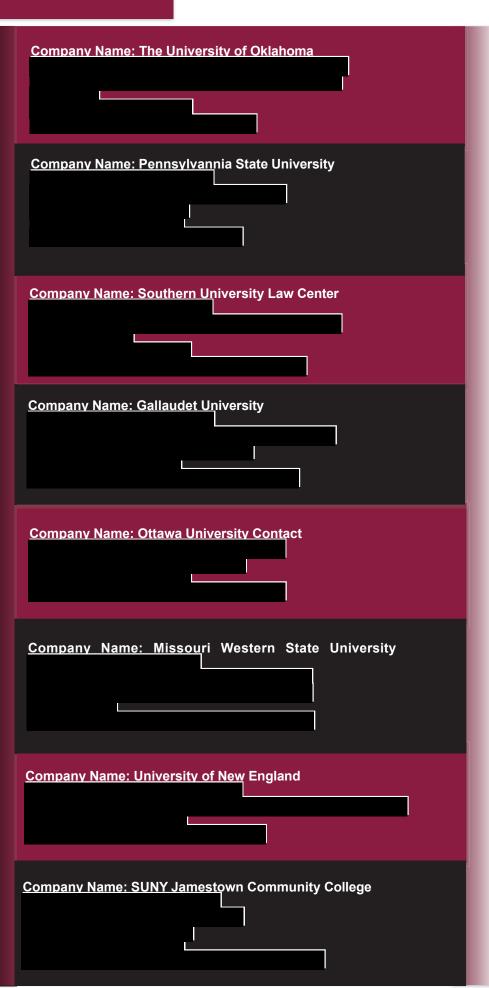
Esport Supply will provide Virginia Tech with comprehensive documentation detailing all licensed and installed games, including license types—whether individual, bulk, or institutional. This documentation will also include associated account credentials or clear login instructions, ensuring easy access and straightforward management for facility administrators.

RFP Section	Product	Description	Quantity	Price	Total Year 1	Total Year 2
A. Installation,	Support and Warranty Req	uirements Installation of computer hardware, furniture, and removal of all debris.	4	\$46,536.53	\$46,536.53	
	Support & Warranty	Remote help desk & support services Dedicated customer support team Tier 1 help desk hardware and software remote help desk provided via email, phone, and discord LAN management support for the club, varsity, and tournaments Warranty information included in questions above	4	\$11,940.00	\$11,940.00	\$11,940.00
3. Equipment						
a. Gaming Co	Mputers Zediae Labs custom gaming PCs includes:	-Intel Core-Ultra 7 265 -CPU Air Cooler -NVIDIA GeForce RTX 5070, 12GB OC -Memory: 32GB 5600MHz DDR5 -Storage: 1TB -Microsoft Windows 11 Professional -Power Supply: 850W 80+Gold -Z800 UD WIFI6E Motherboard -Custom tuning Windows 11 base tune for maximum FPS, BIOS Optimization	36	\$ 2,199.00	\$ 79,164.00	
Gaming Perip	nerals (spec sneets included Monitor	MSI MN MAG 274CXF 27" Rapid VA 1920x1080p, 16:9 0.5ms, 280Hz, 2xHDMI/DP	36	\$198.00	\$7,128.00	
	Keyboard	MSI KB Vigor GK30 Gaming Keyboard Wired Membrane 6 zones RGB lighting	36	\$53.60	\$1,929.74	
	Mice	MSI Mouse Clutch GM08 Gaming Mouse Clutch GM08 Optica GAMING MOUSE w/USB Black	36	\$18.80	\$676.94	
	Mouse Pads	MSI Accessory AGILITY GD30 Gaming Mouse Pad Ultra-smooth low-friction	36	\$15.60	\$561.60	
	Headsets	MSI Headset MAESTRO 300 Gaming Headset	36	\$44.23	\$1,592.35	
Gaming Cons	oles and Displays					
	Xbox X	Xbox Series X 1TB Carbon Black	3	\$750.00	\$2,250.00	
	Playstation 5	PlayStation 5 console slim model	3	\$630.00	\$1,890.00	
	Nintendo-Switch	Nintendo Switch 2	3	\$615.00	\$1,845.00	
	TVs	Samsung Q70D 64.5" Smart LED-LCD TV 2024 - 4K UHDTV - High Dynamic Range (HDR) - Black Quantum HDR, Hybrid Log Gamma (HLG), HDR10+ - Quantum Dot LED Backlight - 3840 x 2160 Resolution	8	\$1,299.99	\$10,399.92	
	Console Gaming Hubs	Console Gaming Hub Laminate Black Edgeband Black Metal Finish Black Metal Finish Black Panel Accent Silver Northsea Base Legs w/ Glides *Logo on Door Standard Cutout Printed Backer *Logo on Door Standard Cutout Printed Backer *Logo on Side Custom Logo Printed Backer *Logo on Bloplay Stand *Logo file required in .Al or .EPS format to generate customer approval PRIOR to placing order.	3	\$ 1,738.35	\$ 5,215.05	
Furniture	Chairs	Spectrum Genova 2.0 Esports Chair Black	40	\$357.40	\$ 14,295.84	
	Desks	Evolution Esports Desk 36" X 30" Adj - Black w/Black Edge	36	\$546.27	\$ 19,665.83	
	Locker	Esports Locker Black/Black	10	\$330.25	\$3,302.52	
	Locker	Esports Locker Toekick for the base of the locker bays	5	\$81.43	\$407.16	
	Soft Seating Couches	MOTIV Sofa Armless 2 Seat G2 Fabric Mikan (Orange)	2	\$1,839.01	\$3,678.01	
	Soft Seating Couches	MOTIV Sofa Armless 2 Seat G8 Fidget Garnet	4	\$2,579.81	\$2,579.81	
	Soft Seating Elements	BLENDER Wave Soft Seating G3 Utmost Iron	6	\$1,357.20	\$8,143.20	
	Soft Seating Elements	BLENDER Wave Soft Seating G2 Ridgecrest Ruby	6	\$1,244.10	\$ 7,464.60	
	Soft Seating Ottomans	Blender Hexagon Ottoman 19x18 G3 Utmost Iron	6	\$779.26	\$4,675.55	
	Collaboration / Conference Room Table	Optio Collaboration Table Laminate Black Edgeband Black Metal Finish Black Shape Arched Table Size 96"L x 48"W Table Height 30" Leg Option T Leg w/ Glides Cutout 1 None Gord Channel Cord Channel Display Option None	4	\$3,445.03	\$3,445.03	
	Shoutcaster	76"W Esports Double Shoutcaster Station Laminate Black Edgeband Black Metal Finish Black Column Accent Color Silver Northsea	1	\$ 2,907.80	\$ 2,907.80	
	Shoutcaster	76" Esports Double Shoutcaster Logo Panel - if desired	4	\$228.46	\$228.46	
	Furniture Miscellaneous	Logo Setup - Complex	4	\$525.00	\$525.00	

RFP Section	Product	Description	Quantity	Price	Total Year 1	Total Year 2
3. Game License Manage	ment					
1) License Procurement	PC game licenses	a. Valorant		Free	Free	
	PC game licenses	b. League of Legends		Free	Free	
	PC game licenses	c. Rocket League		Free	Free	
	PC game licenses	d. Overwatch 2		Free	Free	
	PC game licenses	e. Fortnite		Free	Free	
	PC game licenses	f. Apex Legends		Free	Free	
	Console game licenses	g. Call of Duty - license for each console 3 Xbox and 3 Playstation	6	\$87.49	\$ 524.93	\$524.93
	Console game licenses	h. FIFA - license for each console 3 Xbox and 3 Playstation	6	\$87.49	\$524.93	\$524.93
	Console game licenses	i. NBA 2K - license for each console 3 Xbox and 3 Playstation	6	\$87.49	\$524.93	\$524.93
3) Console Games	Console game licenses	j. Super Smash Bros - license for each Nintendo Switch 2	6	\$99.99	\$ 599.9 4	\$ 599.94
	ggCircuit LAN manageme PC Game Platforms, Accol a library of over 1,000 gam It also will include the follov Automated game updates —SSO integration —User management system —PC Security solution					
	ggCircuit costs	ggLeap Annual Site license - EDU 12-months ggLeap software subscription for a single campus up-to-99-PCs	4	\$5,000.00	\$5,000.00	\$5,000.00
2) PC Game Platforms 4) Account and Access Management 5) Maintenance & Updates 6) Documentation 7) Cost Transparency	g gCircuit costs	ggRock Annual Site License – EDU 12-months ggRock software subscription for a single campus up-to-99-PCs	4	\$5,000.00	\$ 5,000.00	\$ 5,000.00
	ggCircuit costs	Managed Services ggRock server maintenance & support for single image: Daily Game, OS & driver Updates Dedicated Discord support channel for Updates and Requests 12-Months	1	\$6,500.00	\$6,500.00	\$6,500.00
	gg Circuit costs	On-site — North America Travel to client's location in North America. Help client's staff install ggRock server, boot PCs with proper bios settings, and train staff on ggLeap & ggRock best practices. Includes: 1 technician for 1.5 days onsite. Airfare, food, lodging, transportation, & insurance are all included	4	\$4,000.00	\$4,000.00	
	ggCircuit costs	ggRock Server - Standard - North America Configured Server: 64GB-EEC Ram 8TB-RAW Sterage EPYC - 8 Core 10G-sfp+ NIC 3Y manufacturer Warranty	4	\$9,400.00	\$9,400.00	
otal Year 1					\$ 274,522.67	

FOR REVISED PRICING - PLEASE SEE UPDATED STATEMENT OF NEEDS/SCOPE OF WORK - COSTS ATTACHED UNDER THE NEGOTIATION SUMMARY

REFERENCES













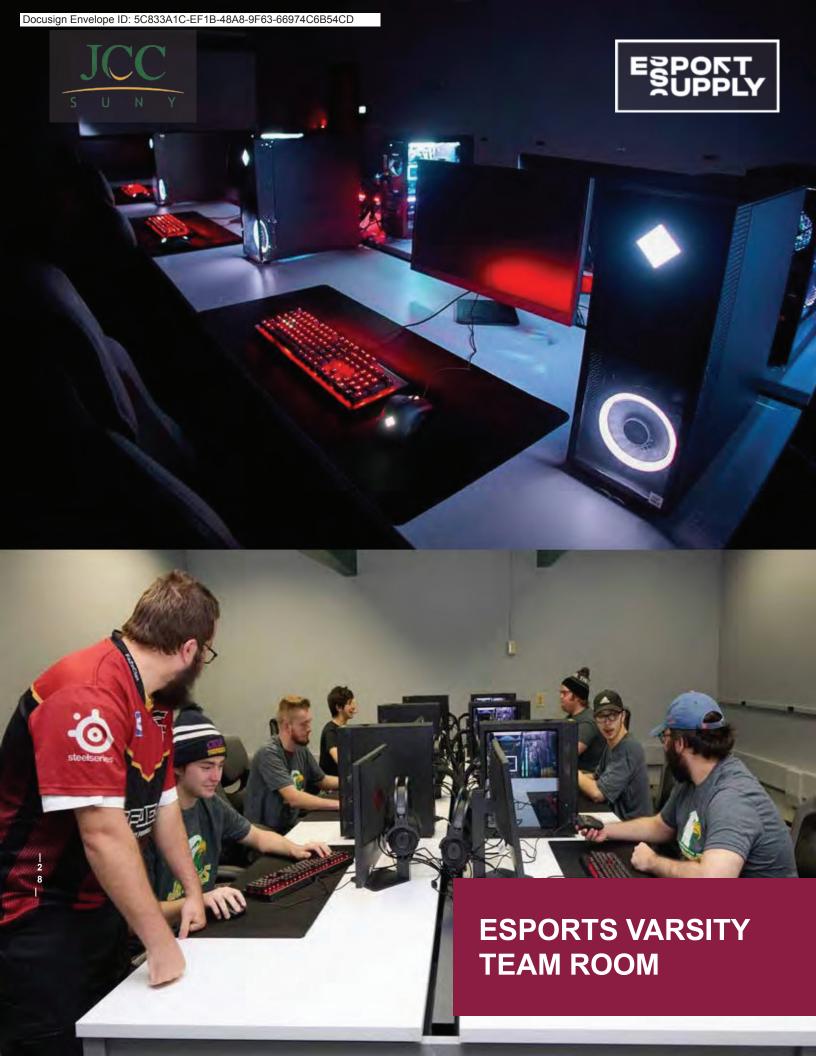






























THE STATE OF THE S





WESTERN.





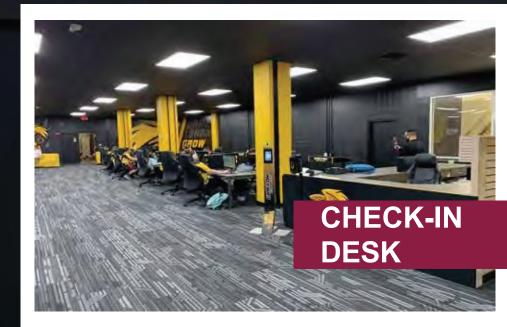






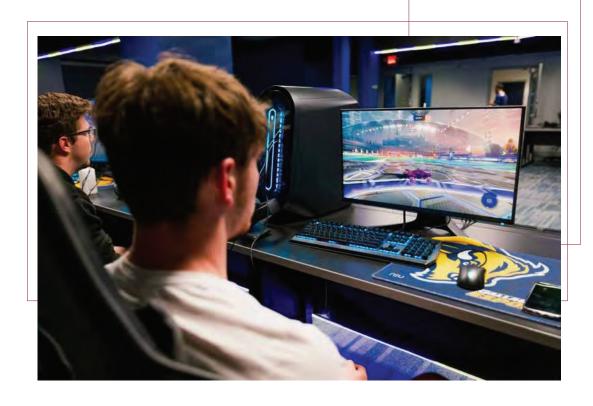
GRIFFIN ESPORTS

ESPORT





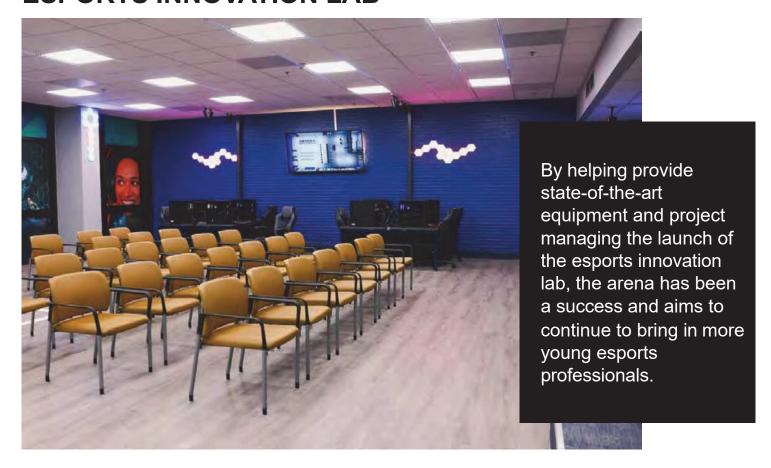
CASE STUDIES



SOUTHERN UNIVERSITY LAW CENTER	28
SUNY JAMESTOWN COMMUNITY COLLEGE	29
NORTHERN KENTUCKY UNIVERSITY	30
CALIFORNIA STATE UNIVERSITY CHICO	31
SAINT XAVIER UNIVERSITY	32
UTAH STATE UNIVERSITY	33
MIDWESTERN STATE UNIVERSITY TEXAS	34



SOUTHERN UNIVERSITY LAW CENTER ESPORTS INNOVATION LAB



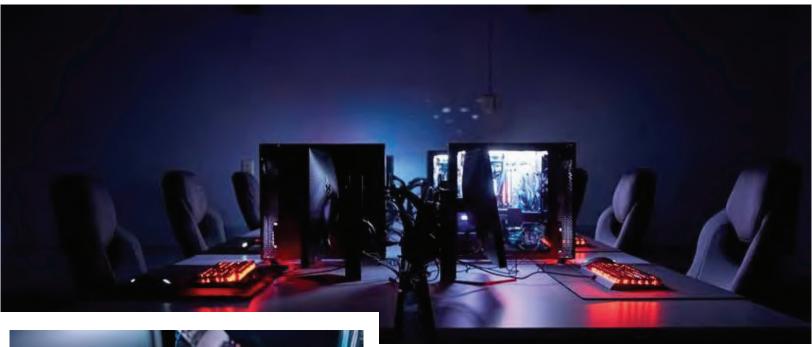
ESPORT SUPPLY WORKED WITH SOUTHERN UNIVERSITY LAW CENTER TO HELP REACH ALL OF THEIR ESPORTS ARENA NEEDS.

The lab is purposed to not only highlight high level esports competition, but also becoming a valuable resource for career exploration and professional development. Esport Supply helped equip the space with 34 powerful gaming PCs. This includes their practice area, competition stage, and broadcasting area. SULC now offers 5 esports industry related courses in their curriculum. The lab will allow for students to harness their skills to compete in national and international tournaments.

By helping provide state-of-the-art equipment and project managing the launch of the esports innovation lab, the arena has been a success and aims to continue to bring in more young esports professionals.

3D DESIGN 34 GAMIN PCS, DESKS AND CHAIRS

- Main Stage Competition Area
- Lounge Area
- Console Gaming Area
- Esport Supply Academy
- Esport Remote Help Desk







SUNY JAMESTOWN COMMUNITY COLLEGE

THE GAMING FACILITY OPENED TO STUDENTS ON DECEMBER 2, 2022.

The space includes an area for competitions with mezzanine spectator seating, a team meeting and practice room, coaches office, and a space for console games and concessions.

The facility will serve as a host site for regional high school tournaments and other competitions. Students began school sanctioned competition in the new space beginning January 2023. The college is also exploring adding an esports management degree program to its academic offerings!

20 GAMING STATIONS & LOUNGE AREA





NORTHERN KENTUCKY UNIVERSITY - NEWPORT ON THE LEVEE ESPORTS VENUE FEASIBILITY

The customer leveraged Esport Supply and to complete a feasibility study to determine the technical, market, and financial feasibility of an esport arena that included staging, LAN center, mixed-use lounge area, and production studio facilities. The location was in an abandoned Imax Theatre located at the Newport on the Levee in Newport Kentucky. 95% of the project planning proposed the additions of connectivity, furniture systems, gaming hardware, and audio visual equipment. 5% of the project planning was dedicated to renovations to include a snack bar for food and beverage options. The feasibility portion of the project took 90 days from inception to completion. This project is similar in that we did a full technical, market, and financial analysis on the proposed space that gave the university the data to understand if their proposed plan aligned with the requirements and needs of the space and additional stakeholders. We did not provide design work as part of the scope of services, because understanding the infrastructure upgrades, total addressable market, and the P&L Statements we needed to guide the design of venue itself, taking into consideration what stakeholder expectations were within a certain budget framework.

Summary of Deliverables

- > Esports Executive Summary
- Site and Local Area Overview
- > Esports Program Outreach
- Feasibility Study for the Competitive Facility Analysis

Services provided:

- Technical analysis and recommendations
- Compared benefits to university vs private investors
- > Total addressable market analysis
- > ProForma P&L
- > Comparable venue analysis
- > Recommended operational models

Size: 29,500 square feet



CALIFORNIA STATE UNIVERSITY | CHICO

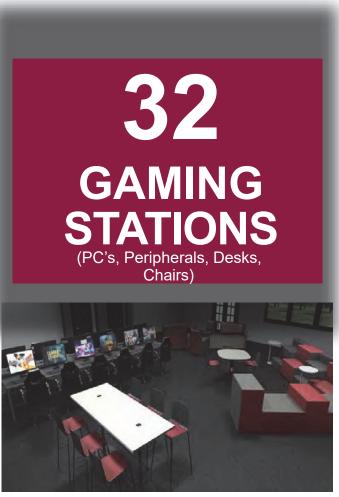
Esport Supply began by conducting a thorough analysis of California State Chico's esports program. We assessed the current state of the program, including the number of participants, available resources, and the school's goals for the future of esports. Based on the findings, **Esport Supply** helped equip **CSUC** with fully fitted gaming stations. The space features a diverse array of video games, PC games, board games, and even a vintage Pac Man game.

It serves as a place for members of the esports gaming club as well as students who just want to hang out and play video games. The space provides a sense of community and a positive social atmosphere.





Esport Supply was able to create a feasibility study for Saint Xavier that revealed the current interest of esports on campus, recommended what steps SXU needed to take in order to bring the community to life, and helped plan out what the future of an esports team would look like.

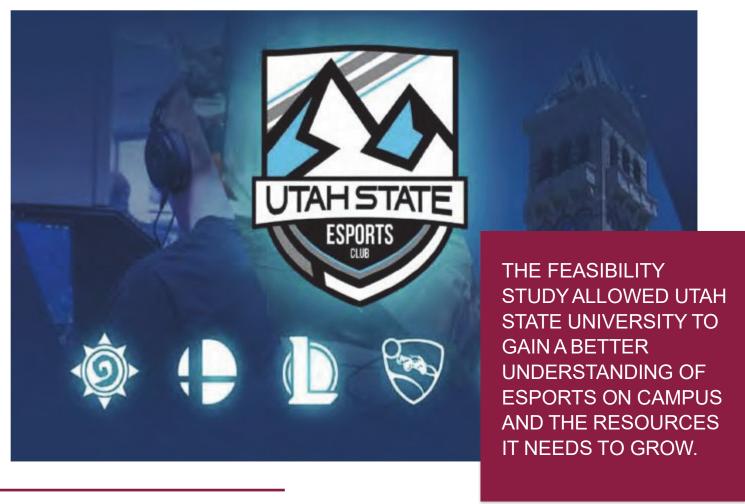


SAINT XAVIER UNIVERSITY

Esport Supply worked with **Saint Xavier University** to help plan and build out their newest co-ed sport, esports.

With the help of administrators and the passion from the students, Esport Supply helped structure a program that would attract all sorts of gamers around campus and in so giving them a space to grow a community and relationships. With 32 Gaming Stations, a plethora of lounge space with several console gaming areas, coach's room, and a designated team room. Everything a student needs to be successful inside and out of the game. The team offers a wide array of roles to take part in including broadcasting, production, social media, and team management.





UTAH STATE UNIVERSITY

Esport Supply worked with **Utah State University** to put together a feasibility study showcasing why bringing esports to their campus is important. The feasibility study covered market feasibility, community feedback, local area assessment, facility recommendations, and financial feasibility. The study was then presented to Utah State's administration.

Throughout the study, a survey was distributed that engaged the entire student body via email, doing so allowed Esport Supply to evaluate the preexisting esports and gaming interest at Utah State University and it was clear that there was a strong desire from students for an esports space. The survey also revealed the interest in community and competitive usage and barriers that blocked students from participating such as lack of space, lack of equipment, and time management.

We have been very busy working with key stakeholders on campus to identify a location to renovate for our Esports Arena. The information was very helpful in our efforts to tell the story of Esports at USU and future opportunities.

- Daniel Lawrence Director of Campus Recreation

MIDWESTERN STATE UNIVERSITY TEXAS

LEGACY HALL GAMING SPACE

MSU, Texas is leveraging Esport Supply to guide and advise them in building both a competitive varsity team and dedicated esports space. Esport Supply will utilize its partnerships and networks to assist MSU, Texas with developing a strategy and budget to start and grow its esport program, focusing on student growth and participation.

75% of the project planning proposed the additions of connectivity, furniture systems, gaming hardware, and audio visual equipment. 25% of the project planning was dedicated to renovations to remove a kitchenette, and convert it into a casual console gaming lounge. The feasibility portion of the project took 90 days from inception to completion.

This project is similar in that we helped the university define the scope and budget for the project, in addition to providing technical, market, and financial feasibility analysis, we helped the university understand the total addressable market for collegiate esports in Texas over the next 3 years, so they could produce a ProForma P&L Statement to present to the Budget Oversight Committee. Our analysis took into account connectivity, gaming equipment, furniture, and renovations to the space.





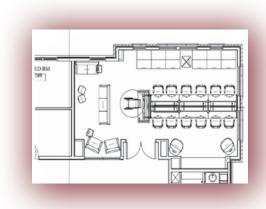
Summary of Deliverables

Contracted Responsibility: Prime professional

- > Esports industry overview
- > Texas total addressable market overview
- > Esports and resident life plan
- > Esports pro-forma profit and loss statement

Services Provided

- > Infrastructure and Connectivity Audit
- > Technical Audit
- > Player Recruitment Guidance
- > Interior Design Planning
- Gaming Hardware Analysis and Recommendations
- > Dedicated Project Manager Software:
- > Player management
- > Broadcast & Shout-Casting
- > Esport game management & IT architecture
- > Player Leadership Development
- Dedicated Esport Program Advisor
 Procurement services for connectivity, interior design, hardware, and software
- > Size: 610 square feet





Negotiation Summary

Negotiation Questions for Esport Supply RFP#443882501

- As part of Virginia Tech standard procedures, all awarded contracts will be publicly posted on an online contracts portal. Is there any information included that would be used to identify or harm a person's identity, finances or personal information? If so, please provide a redacted copy of your proposal.
- 2. End of Contract Service Transition Expectations: If or when a transition of service to another provider is required (end of contract life or otherwise), the university would require the incumbent firm to cooperative fully in a successful transition of services. Explain any requirements your firm might have in preparing for such a transition of services. Additionally, please indicate your willingness to establish a transition plan alongside the new provider of service which may include but not be limited to sharing important data and/or existing service information via a cooperative knowledge transfer process.

Yes, Esport Supply will fully assist the University in ensuring a seamless transition of services to a new provider at the end of the contract or otherwise. We are committed to cooperating and developing a collaborative transition plan, including:

- Knowledge Transfer: We will share critical service data, such as configurations and performance metrics, in a secure, compatible format.
- Data Sharing: All relevant data will be transferred in compliance with university policies and data privacy regulations.
- Support and Training: We will provide documentation and consultation and, if needed, to the new provider to ensure continuity.

We request 60-90 days' notice, a clear transition scope, and access to relevant stakeholders to facilitate the process. Esport Supply is dedicated to a professional, transparent transition with minimal disruption

- Cost to the University is a major component of this solicitation and one of the 5 factors considered during the award process. With this in mind, please submit your best and final pricing for consideration.
 See attachment labeled (Statement of Needs_Scope of Work Virginia Tech RFP Response Costs (Updated) 9-3-2025)
- 4. Are the prices provided with your proposal as favorable (or more favorable) as pricing provided to other Higher Educational Institutions?

 Pricing provided to Virginia Tech is more favorable than to other higher education institutions.
- 5. Does Esport Supply, LLC agree to provide monthly invoices with payment due thirty (30) days after receipt of invoice or goods/services, whichever is later? Esport Supply agrees to provide monthly invoices for goods and/or services rendered. Payment shall be due thirty (30) days after the University's receipt of the applicable invoice or the receipt of goods/services, whichever occurs later.
- 6. If awarded a contract, do you agree to limit price increases to no more than the increase in the Consumer Price Index, CPI, "All Items Category" for the latest twelve

(12) months for which statistics are available at the time of renewal or 3 percent, whichever is less?

Yes

- 7. Are you registered with and willing to participate in the eVA internet procurement solution described in the terms and conditions of the RFP?

 Yes. We are registered already with eVA. We have an account and a VLIN number as well in our profile.
- 8. Are the prices for all goods/services listed in your proposal inclusive of all applicable eVA system transaction fees? Yes
- Will Esport Supply, LLC agree to participate in the <u>Wells One AP Control Payment</u> System? Yes
- 10. Is Esport Supply, LLC willing to provide a report at the end of each Virginia Tech Fiscal Year detailing the money saved by the University by utilizing this contract? Virginia Tech's Fiscal Year ends June 30th of each year. Yes
- 11. Do you agree that the initial contract period shall be one (1) year?
 Yes
- 12. Upon completion of the initial contract period, does Esport Supply, LLC agree that the contract may be renewed by Virginia Tech upon written agreement of both parties for two (2) two-year periods, under the terms of the current contract? Yes
- 13. Prior to renewal does Esport Supply, LLC agree to revaluated pricing to be sure Virginia Tech is receiving the best possible discount or rate structure Esport Supply, LLC can provide? Yes
- 14. Please describe Esport Supply, LLC process for handling damaged, incorrect, or otherwise unacceptable goods?

In the event that equipment arrives damaged, incorrect, or otherwise unacceptable, we will promptly coordinate the return and replacement process. Our team will work directly with the manufacturer or vendor to resolve the issue, leveraging warranty coverage where applicable.

The Zodiac Labs Custom PCs are equipped with a two-year parts and service warranty that provides direct support for repair or replacement, while peripherals are covered by a one-year manufacturer's warranty. Esport Supply manages this process end-to-end including any RMA needs, ensuring that replacement products are shipped and installed as quickly as possible to minimize disruption.

- 15. Do you agree that you will be performing services as an Independent Contractor, Company, Corporation or other business entity and are not an employee of Virginia Tech or any other Commonwealth Entity? Yes
- 16. Do you further agree that Virginia Tech will not withhold any income taxes from its payments to contractors nor will it provide any employment benefits to the contractor or contractor's employees? Yes
- 17. Please describe Esport Supply, LLC process for addressing any service-related issues.

The process for any service-related issues during the project management and installation process will be handled by the project manager and the Virginia Tech team can also call or email us with any issues. After the installation process, the Virginia Tech team can contact our support team and they will process all issues. Virginia Tech can submit any tickets, or issues via phone, email, or Discord.

- 18. How soon after contract award can you begin providing services?

 As soon as the contract is awarded we will start immediately on providing services. We will also begin the process with scheduling a kickoff meeting with all the key stakeholders from Virginia Tech and with Esport Supply. We will work with your team to understand all deliverables awarded and project manage the whole process with your team.
- 19. Do you acknowledge, agree and understand that your contract is not exclusive, and that Virginia Tech cannot guarantee a minimum amount of business if a contract is awarded to your company? Yes
- 20. Do you acknowledge that prior to commencing any work related to this contract, you must be in receipt of a Purchase Order?

 Yes. We will start work once we have a purchase order in hand to begin work.
- 21. Does the vendor agree that no import customs clearance fees, customs duties, taxes, or other costs or fees shall apply to this order?
 Yes. We would ask that Virginia Tech provides us with a copy of your tax exempt certificate.
- 22. Does the vendor acknowledge, agree, and understand that the terms and conditions of the RFP # 443882501 shall govern the contract if a contract is awarded to your company? Yes
- 23. Please submit a W-9 on the current IRS Form Revision, and a copy of your Certificate of Insurance that meets the requirements of the solicitation.

 Both our W-9 and Certificate of Insurance are attached.

		Statement of Needs / Scope of Work - Costs			Total	Total
RFP Section	Product	Description	Quantity	Price	Year 1	Year 2
A. Installation, Support and Warranty	Requirements	·				
	Installation	Installation of computer hardware, furniture, and removal of all debris.	1	\$45,372.57	\$45,372.57	
	Support & Warranty	Remote help desk & support services Dedicated customer support team Tier 1 help desk - hardware and software remote help desk - provided via email, phone, and discord LAN management support for the club, varsity, and tournaments Warranty information included in questions above	1	\$11,940.00	\$11,940.00	\$11,940.0
3. Equipment Deliverables		, ,			. ,	
a. Gaming Computers						
	Zodiac Labs custom gaming PCs includes:	- Intel Core Ultra 7 265 - CPU Air Cooler - NVIDIA GeForce RTX 5070, 12GB OC - Memory: 32GB 5600MHz-DDR5 - Storage: 1TB - Microsoft Windows 11 Professional - Power Supply: 850W 80+Gold - Z890 UD WIFIGE Motherboard - Custom tuning Windows 11 base tune for maximum FPS, BIOS Optimization, GPU Optimization	36	\$2,149.00	\$77,364.00	
Gaming Peripherals (spec sheets inc		MOLANI MA C. 0740VE 071 D:-1/A 4000-4000- 40-0 0 E 00011- 0-1/DM/DD	00	6400.00	60 040 05	
	Monitor	MSI MN MAG 274CXF 27" Rapid VA 1920x1080p, 16:9 0.5ms, 280Hz, 2xHDMI/DP	36	\$168.03	\$6,048.95	
	Keyboard	MSI KB Vigor GK30 Gaming Keyboard Wired Membrane 6 zones RGB lighting	36	\$29.74	\$1,070.60	
	Mice	MSI Mouse Clutch GM08 Gaming Mouse Clutch GM08 Optica GAMING MOUSE	0-			
	Marina Dada	W/USB Black	36	\$18.80	\$676.94	
	Mouse Pads Headsets	MSI Accessory AGILITY GD30 Gaming Mouse Pad Ultra-smooth low-friction	36	\$15.60	\$561.60	
Gaming Consoles and Displays	neausets	MSI Headset MAESTRO 300 Gaming Headset	36	\$27.27	\$981.59	
Gaining Consoles and Displays	Xbox X	Xbox Series X 1TB Carbon Black	3	\$688.85	\$2,066.55	
	Playstation 5	PlayStation 5 console slim model	3	\$630.00	\$1,890.00	
	Nintendo Switch	Nintendo Switch 2	3	\$573.85	\$1,721.55	
	TVs	Samsung O70D 64.5" Smart LED-LCD TV 2024 - 4K UHDTV - High Dynamic Range (HDR) - Black Quantum HDR, Hybrid Log Gamma (HLG), HDR10+ - Quantum Dot LED Backlight - 3840 x 2160 Resolution	8	\$1,299.99	\$10,399.92	
	Console Gaming Hubs	Console Gaming Hub Laminate Black Edgeband Black Metal Finish Black Panel Accent Silver Northsea Base Legs wi Glides *Logo on Door Standard Cutout Printed Backer *Logo on Side Custom Logo Printed Backer Display Display Stand *Logo file required in .Al or .EPS format to generate customer approval PRIOR to Logologic file required in .Al or .EPS format to generate customer approval PRIOR to Logologic file required in .Al or .EPS format to generate customer approval PRIOR to	3	\$1,738.35	\$5,215.05	
Furniture						
	Chairs	Spectrum Genova 2.0 Esports Chair Black	40	\$357.40	\$14,295.84	
	Desks Locker	Evolution Esports Desk 36" X 30" Adj - Black w/Black Edge	36	\$546.27	\$19,665.83	
	Locker	Esports Locker Black/Black	10 5	\$330.25 \$81.43	\$3,302.52 \$407.16	
	Soft Seating Couches	Esports Locker Toekick for the base of the locker bays MOTIV Sofa Armless 2 Seat G2 Fabric Mikan (Orange)	2	\$1,839.01	\$3,678.01	
	Soft Seating Couches	MOTIV Sofa Armless 2 Seat G8 Fidget Garnet	1	\$2,579.81	\$2,579.81	
	Soft Seating Southes	BLENDER Wave Soft Seating G3 Utmost Iron	6	\$1,357.20	\$8,143.20	
	Soft Seating Elements	BLENDER Wave Soft Seating G2 Ridgecrest Ruby	6	\$1,244.10	\$7,464.60	
	Soft Seating Ottomans	Blender Hexagon Ottoman 19x18 G3 Utmost Iron	6	\$779.26	\$4,675.55	
	Collaboration / Conference Room Table	Delitider Frekagior Continual 19x16 GS Unitides (101) Optio Collaboration Table Laminate Black Edgeband Black Metal Finish Black Shape Arched Table Size 96°L x 48°W Table Height 30° Leg Option T-Leg w/ Glides Cutout 1 None Cord Channel Cord Channel Display Option None	1	\$3,445.03	\$3,445.03	
	Shoutcaster	76"W Esports Double Shoutcaster Station Laminate Black Edgeband Black Metal Finish Black	1	\$2,007.00	\$2,007.00	
		Column Accent Color Silver Northsea	1 1	\$2,907.80	\$2,907.80	
	Shoutcaster	76" Esports Double Shoutcaster Logo Panel - if desired	1	\$228.46	\$228.46	

otal Year 2						\$30,614.7
otal Year 1					\$268,702.87	
	ggCircuit costs	ggRock Server - Standard - North America Configured Server: 64GB EEC Ram 8TB RAW Storage EPYC - 8 Core 10G sfp+ NIC 3Y manufacturer Warranty	1	\$9,400.00	\$9,400.00	
6) Documentation 7) Cost Transparency	ggCircuit costs	On-site - North America Travel to client's location in North America. Help client's staff install ggRock server, boot PCs with proper bios settings, and train staff on ggLeap & ggRock best practices. Includes: 1 technician for 1.5 days onsite. Airfare, food, lodging, transportation, & Insurance are all included.	1	\$4,000.00	\$4,000.00	
	ggCircuit costs	Managed Services ggRock server maintenance & support for single image: Daily Game, OS & driver Updates Dedicated Discord support channel for Updates and Requests 12 Months	1	\$6,500.00	\$6,500.00	\$6,500.0
Account and Access Management S) Maintenance & Updates	ggCircuit costs	ggRock Annual Site License - EDU 12-months ggRock software subscription for a single campus up to 99 PCs	1	\$5,000.00	\$5,000.00	\$5,000.0
2) PC Game Platforms	ggCircuit costs	ggLeap Annual Site license - EDU 12-months ggLeap software subscription for a single campus up to 99 PCs	1	\$5,000.00	\$5,000.00	\$5,000.0
		e solution will provide access to all items listed under PC Game Platforms, Account and Updates. There is a library of over 1,000 games for the PCs that users can access from ude the following features:				
	Console game licenses	j. Super Smash Bros - license for each Nintendo Switch 2	6	\$99.99	\$599.94	\$599.9
3) Console Games	Console game licenses	i. NBA 2K - license for each console 3 Xbox and 3 Playstation	6	\$87.49	\$524.93	\$524.9
	Console game licenses	h. FIFA - license for each console 3 Xbox and 3 Playstation	6	\$87.49	\$524.93	\$524.9
	Console game licenses	g. Call of Duty - license for each console 3 Xbox and 3 Playstation	6	\$87.49	\$524.93	\$524.9
	PC game licenses	e. Fortnite f. Apex Legends		Free	Free	
	PC game licenses	d. Overwatch 2 e. Fortnite		Free Free	Free Free	
	PC game licenses PC game licenses	c. Rocket League		Free	Free	
	PC game licenses	b. League of Legends		Free	Free	
1) License Procurement		a. Valorant		Free	Free	
Game License Management 1) License Procurement	PC game licenses	a Valarant		Free	Free	