



Request for COMPETITIVE SEALED PROPOSALS

CSP 2324-04
Golf Practice Facility Project

<u>Date</u>	<u>Event</u>
November 30, 2023	1 st Advertisement / Issue Date
December 7, 2023	Pre-Bid Conference – 10:00 A.M. (CST)
December 14, 2023	Last day to submit questions - 12:00 P.M. (CST)
December 20, 2023	Final Addendum Posted
December 25, 2023 - January 5, 2024	MISD Closed for Holiday Break
January 18, 2024	Proposals Due – 2:00 P.M. (CST)
February 26, 2024	Recommendation to MISD Board of Trustees
June 12, 2024	Substantial Completion

** The District will make every effort to adhere to this schedule; however, dates are subject to change. Any changes will be posted in the form of an addendum on the MISD website. Additional addendums may be posted at the discretion of MISD. Potential respondents are responsible for watching the website for such publications.*

Deliver Sealed Responses to:

Midlothian ISD Administration Building
Purchasing Department
100 Walter Stephenson RD
Midlothian, Texas 76065

Midlothian ISD Purchasing Department:

Shana Volentine, RTSBA
Director of Purchasing
469-856-5032
shana.volentine@midlothianisd.org

Midlothian ISD Operations

Department:

Jose Martinez
469-856-5386
jose.martinez@midlothianisd.org

Pre-Bid Information:

December 7, 2023 – 10:00 AM
MISD Administration Building

NOTICE

The Midlothian Independent School District (MISD) is soliciting proposals for **Golf Practice Facility Project** per the specifications stated elsewhere in this solicitation document. A response to this solicitation is an offer to contract with Midlothian ISD and its members based on the specifications and standard terms and conditions contained in the bid document.

Respondents are cautioned to read this document completely and submit all documents. Each respondent, by submitting a response, represents that he/she has read and understands the proposal. Failure to examine the documents will be at the vendor's risk.

Respondents shall familiarize themselves with existing conditions in the material and labor markets prior to submission of an offer. The fact that an offer is submitted will be construed by the MISD Board of Trustees to indicate that the respondent agrees to carry out the furnishing of products and services in full accordance with the specifications and other contract documents notwithstanding existing material and labor market conditions. A signed, submitted proposal constitutes an offer to perform the work and/or deliver the product(s) and/or services specified in the solicitation.

The vendor should propose his/her lowest and best price. All pricing information shall be entered on the proposal in ink or typewritten. Pricing should include labor and materials unless otherwise noted by the vendor.

If the vendor is awarded a contract under this solicitation, the prices proposed by the vendor shall remain fixed and firm during the term of the contract, provided, however that the vendor may offer incentive discounts from this fixed price to the District at any time during the contractual term.

Shara Volentine

Director of Purchasing

November 30, 2023

Date



DISTRICT OVERVIEW

Midlothian is a fast growing city in Northwest Ellis County, Texas with a population of more than 31,500. The city is 25 miles (40 km) southwest of Dallas. It is the hub for the cement industry in North Texas, as it is home to three separate cement production facilities, as well as a steel mill.

The District currently has 14 campuses comprised of 8 elementary schools, 3 middle schools, 2 high schools, and a CTE center. The District currently serves approximately 11,100 students and employs approximately 1100 employees.

Midlothian ISD has grown by more than 3,000 over the last decade and is expected to grow by nearly 4,500 students by 2030.

Midlothian ISD's mission is to educate students by empowering them to maximize their potential and inspiring excellence today to change the world tomorrow.

We believe that:

- Safe, engaging, rigorous, and diverse learning environments provide the best opportunity for student to reach their fullest potential.
- A high quality staff with appropriate resources is essential to creating educational experiences that promote student success.
- Effective communication, purposeful collaboration, and strong partnerships create an atmosphere of trust and a strong sense of community vital to student achievement.

Cultural Tenants

- We Are Family
- Celebrate the Power of Diversity
- Honor Relationships
- Unlimited Potential
- Excellence Through Purpose
- We Are Midlothian Strong



Additional information about Midlothian ISD can be obtained on its website: www.midlothianisd.org

CODE OF CONDUCT

Vendors and their suppliers, installers and all others working on Midlothian ISD facilities are required to understand and adhere to the following rules and responsibilities. Failure to comply with the following rules and responsibilities may result in a work's removal from the facilities and/or the termination of all subcontractor's contract. Vendors are responsible for the suppliers and installers adherence to these policies. All personnel working on MISD facilities will indicate their understanding and agreement to comply with these rules and responsibilities by submitting a response to this solicitation.

1. Vendor's employees, installers and suppliers who will be entering the district should check in with the Midlothian ISD designated representative.
2. Vendor's employees, installers and suppliers must wear picture ID badges while on Midlothian ISD property.
3. The use of any tobacco products is prohibited on district property. These prohibited items include but are not limited to cigarettes, cigars, vapes and smokeless tobacco.
4. Drugs and alcoholic beverages are prohibited.
5. The use of vulgar or improper language is prohibited.
6. Unacceptable behavior including physical or verbal intimidation, horseplay, or fighting by any individual on district property will result in immediate remove from property.
7. School requirements may occasionally result in the untimely termination of a subcontractor's daily activities. Vendors are expected to anticipate and understand these circumstances and work with MISD to make-up any scheduling.
8. All contact with student is strictly prohibited.
9. Vendor's employees, installers and suppliers must be properly dressed in work attire which includes the use of proper work shoes and personal protection equipment (as needed).
10. Vendor's employees, installers and suppliers will promptly leave the premises at the end of each work shift or once business purpose has been served.
11. Vendor's employees, installers and suppliers will comply with all state and district rules regarding weapon free zones.
12. Vendor's employees, installers and suppliers shall submit such background information as may be requested by Midlothian ISD to perform criminal background evaluations/investigations.
13. No person who has charges pending or who has been convicted, received probation or deferred adjudication for the following shall be engaged to work on MISD property where students are present: Any offense against a child, any sex offense, any crimes against persons involving weapons or violence, any felony offense against property; or any offense that Midlothian ISD determines to compromise the safety and well-being of staff, students and/or property.

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STANDARD TERMS AND CONDITIONS

The following instructions by the Midlothian Independent School District are intended to afford potential respondents an equal opportunity to participate in the solicitation process. The following Terms and Conditions are standard for the District and apply to all types of purchasing, including this solicitation. In these Terms and Conditions, the terms *respondent*, *contractor*, *proposer*, *vendor*, and/or *bidder* refer to the person/firm that submits the offer to this solicitation document. The terms *MISD*, *owner*, *district*, and/or *government entity* refer to Midlothian Independent School District.

The documents contained in this solicitation represent the potential agreement between the successful respondent and the school district and supersedes any prior discussions, negotiations, representations, agreements, written or oral.

Any specifications, details, or specific instructions for this solicitation will be found following these Standard Terms and Conditions. Some of the Standard Terms and Conditions may not be applicable to a specific bid or proposal. To the extent each of the terms and conditions is applicable, these shall be deemed to be part of the vendor's bid or proposal documents. If there are specific terms and conditions contained in the bid or proposal documents which are inconsistent with the Standard Terms and Conditions, the specific terms and conditions in the bid and solicitation documents shall control. By submitting a bid or proposal, each vendor or proposer agrees to waive any claims it has or may have against the Owner, the Architect, and their respective officers, trustees, employees, agents, or representatives, arising out of or in connection with the administration, evaluation, recommendation, or selection of any bid or proposal; waiver of any requirements under the bid or proposal documents or contract documents; acceptance or rejection of any bid or proposal; and award of the contract.

The district guarantees no minimum dollar amount in purchase orders against this contract. The scope of this request and requirements of the District as shown in the specifications shall not be considered as binding on the District, and the work actually may be less than or greater than projected.

The MISD can terminate any resulting award for this request with thirty (30) calendar day notice, in the event no funds or insufficient funds are appropriated and budgeted or are otherwise not available in the next fiscal year for obligations herein provided, however, this provision shall not be construed so as to permit MISD to terminate this request in order to enter other contracts or make other arrangements for essentially the same services made the subject of this solicitation.

All bids and proposals from the vendor must remain open for acceptance for sixty (60) days after submittal.

AUTHORITY

The Board of Trustees has delegated to the superintendent the authority to make budgeted purchases for goods and services. Functional area experts, day-to-day contract administrators/managers, teachers, principals, and/or other district employees are not authorized to substantially amend this solicitation document or to substantially modify the subsequent contract. Substantially includes, but is not limited to, changes to delivery dates, place of delivery, and/or specifications that significantly alter the form, fit, and function of a product or the scope of work of a service. Amendments to solicitation documents may be made by the Director of Purchasing. Modifications to contracts/agreements will be made by the Director of Purchasing in accordance with the MISD Board of Trustee guidance, policies, and/or procedures. If a vendor acts on the guidance of a district employee that is not authorized to make changes, the vendor does so at his or her own risk or peril. Also, if a vendor attempts, or gains, a modification/amendment from a district employee that is not authorized to make changes, the vendor does this at his or her own risk or peril and risks the termination of his or her contract/agreement. The functional administrator for this contract is Jose Martinez, Executive Director of Operations.

CONTACT

Contact between soliciting vendors and user departments during this solicitation process or evaluation process is prohibited. Any attempt by a soliciting firm to contact the department may result in disqualification.

VENDOR QUESTIONS

Any explanation desired or questions by a vendor regarding the meaning or interpretation of these instructions or any other documents included in this solicitation must be requested in writing to MISD, Director of Purchasing, 100 Walter Stephenson Rd, Midlothian, TX 76065 (shana.volentine@midlothianisd.org) with sufficient time allowed for a reply to reach vendors before the submission of their offers. The email subject line for questions should read: "Questions" followed by the solicitation number and title. The deadline for questions regarding this solicitation is December 14, 2023.

ADDENDA

Written responses to vendor questions shall be presented in the form of an Addendum and posted on the District's website at <https://www.midlothianisd.org/departments/finance/purchasing/bids-rfps-csps-rfqf>. Respondents should monitor the Purchasing page on the MISD website for such postings. Oral explanations or instructions will not be binding. Midlothian ISD reserves the right to post addendums up to, and including, the business day prior to the deadline. Vendors who submit a bid or proposal without acknowledging receipt of all addenda issued may be deemed to have submitted a bid or proposal not responsive to the solicitation. Failure to receive such addenda does not relieve the vendor from any obligation under the bid or proposal submitted. All formal written addenda become a part of the vendor bid or proposal documents.

PRE-BID MEETING

Any scheduled pre-bid meeting, will be noted on the cover page of this document. In the event a pre-bid meeting is held, attendance is highly recommended to all potential responders. The purpose of this meeting will be to answer any questions regarding the proposal specifications. Proposers are reminded, however, that verbal responses are not binding – only questions answered by formal written agenda will be binding and will be made part of the proposal documents. Proposers must satisfy themselves, upon examination of these specifications in the pre-bid conference, as to the intent of the specifications. After submission of the proposal, no complaint or claim that there was any misunderstanding in regard to items listed for proposal will be entertained from either party.

SUBMISSION

The responsibility for compliance with this solicitation and the subsequent contract shall be with the bidder/respondent. In submitting a response to this solicitation, respondent understands and agrees to be bound by the terms and conditions, provided in this document, which shall be incorporated into any future contracts, agreements, or purchase orders relating to any resulting agreement between the vendor and Midlothian ISD.

Submissions to this request are due by: January 18, 2024 – 2:00 P.M. (CST)

Responses must be plainly marked on the outside with the vendor's name and address and the solicitation number. A shipping label has been provided in this packet and its use is highly encouraged. Respondents are instructed to submit (1) one original and (1) one copy. The original copy must be plainly marked "ORIGINAL". ***Please also include one full "original" copy (in searchable PDF format) on a flash drive.***

Responses must be delivered in a sealed envelope or container and submitted to the Purchasing Department at the MISD Administration Building in sufficient time to be received and time-stamped on or before the published date and time shown within this document or on any subsequent addenda. No other published dates will be binding. Late submissions will not be accepted. Unsigned, unsealed, faxed or late responses will not be accepted. Midlothian ISD will not be responsible for mail delivered from the post office. No oral, telegraphic, telephonic, electronic mail or facsimile transmitted responses will be considered. MISD Purchasing personnel will be the official time keeper for all submissions.

Each vendor shall furnish the information required by the solicitation documents. Proposals should provide straightforward, concise information that satisfies the requirements of this solicitation. Emphasis should be placed on conformity to the instructions and requirements of this solicitation and the completeness and clarity of content. Links to web sites for supporting documentation are not acceptable. Expensive bindings, color displays, and advertising materials are not necessary or desired.

Offers submitted on other than authorized forms or with different terms or provisions may be considered to be non-responsive. The vendor must sign the Offer Form and return with the other certifications provided herein. Failure to manually sign the offer may disqualify it from being considered. The person signing the documents must initial erasures or other changes. Signatures by an agent are to be accompanied with evidence of his authority unless such evidence has been previously furnished to MISD.

EXCEPTIONS/MODIFICATIONS/WITHDRAWAL

Responses deposited with Midlothian ISD may be withdrawn prior to the time set for opening. A response may not be withdrawn after the submittal deadline. By submitting a response, the proposer warrants and guarantees that the document has been carefully reviewed and checked and that it is in all things true and accurate and free of mistakes. If any exceptions are taken to any portion of the bid or proposal, the vendor must clearly indicate the exceptions taken and include a full explanation. Vendor's failure to identify exceptions or proposed changes will constitute acceptance by the vendor of the bid or proposal as proposed by the District. The District reserves the right to reject a bid or proposal containing exceptions, additions, qualifications, or conditions. Any bid or proposal to the District by the vendor, or contract between the District and the vendor, can be modified or withdrawn only by written agreement between Midlothian ISD and the vendor.

BID OPENING

Submittals may be publicly opened immediately after the response deadline on the same day. Responses received by hand delivery or mail after the stated due date and time will remain unopened. Trade secrets and confidential information contained in response shall not generally be open for public inspection, but MISD's records are a matter of public record.

DISQUALIFICATION

Any bid or proposal that does not contain all required contents required by District may be disqualified. Vendor is strongly encouraged to carefully review its bid or proposal documents prior to submitting their response to ensure all requirements are met. Failure to provide the information requested, in its entirety, may be grounds for disqualification of the bid or proposal. Bidders or proposers may also be disqualified and their bids or proposals not considered, among other reasons, for any of the following specific reasons:

- a. Reason for believing collusion exists among respondents
- b. Reasonable grounds for believing that any respondent is interested in more than one solicitation for the work contemplated
- c. Where the respondent, any sub-contractor or supplier, or the surety on any bond given, or to be given, is in litigation with the District or where such litigation is contemplated or imminent, in the sole opinion of the District
- d. Respondent being in arrears on any existing contract/purchase order or having defaulted or failed to perform in a satisfactory manner on a previous purchase order

- e. Lack of competency as revealed by pertinent facts, including but not necessarily limited to, experience and equipment, financial statement and questionnaires
- f. Uncompleted work that, in the judgement of the District, will prevent or hinder the prompt completion of addition work if awarded.
- g. Where the bidder or proposer has failed to perform in a satisfactory manner on a previous purchase order or contract.

MISD expressly reserves the right to:

- a. Reject any or all proposals
- b. Consider a response irregular if it shows any omissions, alterations of form, additions, or conditions not called for; failure to return all forms and copies; or irregularities of any kind.
- c. Waive any minor informality or deficiency in a bid or proposal if it is determined to be in the best interest of MISD
- d. Award to a single vendor, multiple vendors, each line item separately, or in any combination it determines to be in the best interest of the District. If the Respondent chooses to propose "All or None" or is not agreeable to multiple or split awards, it must be noted as a deviation and included with the response.
- e. Reissue a request
- f. Consider and accept an alternate proposal as provided herein when most advantageous to MISD, including the utilization of other District contracts, contracts awarded by other governmental agencies, other school boards, or cooperative agreements in lieu of any offer received or award made as a result of this proposal, if it is in the best interest to do so.
- g. Cancel the contract with a thirty-day written notice, without prejudice, for factors including, but not limited to, non-availability or non-appropriation of funds
- h. Procure any item or services by other means to meet time-sensitive requirements
- i. As part of the evaluation process, seek additional information from bidders or proposers, interview bidders or proposers, and negotiate the terms of a proposal as allowed by Texas law.
- j. Negotiate price/delivery for service(s)/products(s) identified by this request. The District reserves the right to reject any and all bids that comply with the specifications or to accept a higher bid that complies, when, in judgment of the District, such proposal offers additional value or function, which justifies the difference in price.
- k. Make an award without discussion with any proposer.
- l. Be the sole judge of acceptable proposal responses.
- m. Cancel part or this entire contract at any time during the term without cause. Notification will be submitted in writing no less than thirty (30) days prior to the effective date. Upon receipt of such notice from the District, vendor shall not thereafter incur, and MISD shall have no liability for, any costs under this solicitation that are not necessary for actual performance of the request between the date of the notice of termination for convenience and the effective date of that termination

for convenience. In the event of a termination for convenience hereunder, MISD shall have no liability to vendor for lost or anticipated profit resulting there from.

- n. Terminate for default all or any part of this contract if vendor breaches any of the terms hereof or if the vendor becomes insolvent or files any petition in bankruptcy. Such right of termination is in addition to and not in lieu of any other remedies which MISD may have in law or equity, specifically including, but not limited to, the right to collect for damages or demand specific performance. MISD may terminate the contract and debar the vendor for future "bidding" for violations of the federal requirements including, but not limited to, "Contract Work Hours and Safety Standards Act", "Equal Employment Opportunity Act", and "Energy Policy and Conservation Act".

Purchases of service or equipment from a business owned in whole or in part by a Midlothian ISD employee shall be permitted only when approved by the Director of Purchasing and when determination has been made that such equipment or service is not an extension of the employee's regular job responsibility at the District. Failure on part of Proposer to disclose ownership by the District employee may be grounds for disqualification.

EVALUATION

Proposals may be evaluated by an Evaluation Committee comprised of key Midlothian ISD personnel in order to fairly evaluate all qualified proposals. Evaluation by committee members will be combined into one score, which will be compared to the other proposals.

To the extent allowed by law, discussions/negotiations may be conducted with vendors who are deemed to be within the competitive range. If discussions/negotiations are conducted, respondents may be required to submit a best and final offer. The best and final offer may be required as early as 24 hours after completion of discussions/negotiations.

The solicitation process seeks to find the best overall solution to Midlothian ISD. While it is the intent of the school district to obtain the best quality products and/or services at the lowest prices possible, cost is not the only factor in making the determination of best value. Award shall be made to the qualified respondent(s) whose response is most advantageous to Midlothian ISD. In determining to whom to award a contract and per the Texas Education Code 44.031 (b), the district considers (at a minimum) the following criteria. At the discretion of the district and in evaluation of this solicitation, point values are indicated where applicable.

EVALUATION CRITERIA

COST	25 POINTS	The purchase price will be scored mathematically as a ratio of the proposal price ranking to the total number of proposers.
REPUTATION	15 POINTS	The reputation of the Proposer's goods and services. Items considered: Proposer's past relationships with and input from provided project references regarding recommendation of the Proposer, the Proposer's performance as a team player and their ability to work with the Owner on Change Orders and Contingency Allowances.
QUALITY	20 POINTS	The quality of the Proposer's goods and services. Items considered: <ul style="list-style-type: none"> - Proposer's past performance with input from provided project references regarding the Proposer's quality of craftsmanship - All required items submitted - Information provided in the proposal is clear
EXPERIENCE	20 POINTS	The Proposer's overall experience as well as past record of completing similar size and scope of projects on time. Items considered: <ul style="list-style-type: none"> - Number of years in business - Number of similar size projects within the past five years - Number of similar scope projects within the past five years –project scope must include working on an existing, operational campus maintaining full functionality.
WARRANTY WORK	10 POINTS	The Proposer's response to warranty work requests. Items considered: Proposer's past performance with input from provided project references regarding the ability to perform warranty work in a timely manner.
PROJECT TEAM	5 POINTS	Qualifications of the proposed project manager(s) and project superintendent (s). Items considered: <ul style="list-style-type: none"> - Time in the construction industry for each individual - Number of K-12 school projects completed by each individual - Time with company for each individual
PROJECT SCHEDULE	5 POINTS	The Proposer's anticipated construction schedule. Items considered: start date, substantial completion date, final completion date, and total construction duration in calendar days.

LOBBYING

In order to ensure the integrity of the selection process, the vendor's employees, officers, agents, or other representatives shall not lobby or attempt to influence a vote or recommendation related to the vendor's response, directly or indirectly, through any contact with school board members or other district officials involved in the solicitation from the date it is released until the award.

AWARD

Successful vendor(s) may be notified in writing of District's award. No assignment of a bid, proposal, or resulting contract is permitted without the prior notice to and written consent of Midlothian ISD by means of a Notice to Proceed and/or Authorized Purchase Order or signed contract after a recommendation has been accepted by the MISD Board of Trustees. If respondent requires any other agreement, a draft document must be provided with the proposal. No work shall begin, goods procured or delivered, or costs incurred by vendor until the notice is received. Any cost incurred by the vendor prior to the notice shall not be reimbursed by the District.

Tabulations may be requested by contacting the Director of Purchasing via email upon award of a contract based upon approval by the MISD Board of Trustees, if required. Otherwise, information may be released after award of the contract by the Superintendent or designee.

TERM –

If this solicitation is for a set time period only, or a single purchase, the award will last until the goods or services have been delivered, completed and accepted by the District. Renewing the contract would imply doing so under the same terms and conditions. The District reserves the right to acquire reasonable amounts of additional goods/services, as listed in the bid or proposal, subject to verification of the same or lower prices and conditions of the bid or proposal and consistent with Texas law. After the initial contract term, the District reserves the right to extend the contract as indicated in this request.

PRICING

All prices proposed by the vendor, and accepted by the District, shall remain in effect throughout the term of the bid proposal, award, contract, or purchaser order, and cannot be increased during that term without written agreement between the vendor and the Midlothian ISD Board of Trustees or its designee. Midlothian

ISD reserves the right to show a preference to any bid or proposal that provides a standard discount percentage for goods or services, or a discount for early payment of any bill to the vendor for its goods or services.

BILLING AND PAYMENTS

Per CH Local of District Policy - The District limits its purchases through the use of properly drawn and authorized purchase orders. Consequently, the District is not responsible for items not ordered via this method. The purchase order number shall appear on all itemized invoices to ensure payment. District employees shall not be permitted to purchase supplies or equipment for personal use through the District's business office without an authorized purchase order. Completing work or providing product without a purchase order may result in non-payment by the district and/or termination of awarded contract.

The District is a tax-exempt entity under Texas law. Vendor should not include tax on its bid, proposal, quote or invoice to the District. Vendor shall submit itemized invoices on each purchase order in a timely manner following delivery.

Invoices shall indicate the purchase order number and be submitted to MISD Business Office, Attn: Accounts Payable, 100 Walter Stephenson Rd, Midlothian TX 76065 or emailed to accounts_payable@midlothianisd.org.

The vendor shall make no charge or addition to the accepted price for delivering, placing, or invoicing product(s). Payment shall not be due until all items on the purchase order have been received by MISD (unless specified in the specifications) and the above instruments are submitted and the invoice has been accepted by MISD. All prices shall be F.O.B. destination.

District shall make all payments under this Agreement from current revenues available. In the event no funds, or insufficient funds due to non-appropriation, are available at any time or during any fiscal period when such payment is due, in accordance with Local Government Code Ann. §271.903, District shall notify vendor of such occurrence and this Agreement shall terminate on the last day of the fiscal period for which payment was received without penalty or expense to District of any kind whatsoever. However, District shall be responsible to remit payment for all services provided by the Vendor to the District prior to the termination date.

GOODS

The vendor warrants that it owns and is legally able to transfer ownership of the goods or materials that are the basis of the solicitation to Midlothian ISD. The vendor warrants that it owns a clear title free of any materialman's, suppliers, or other type of liens, mortgage, encumbrance, or other security interest in the goods or materials supplied to Midlothian ISD. Any breach to this warranty of title shall be considered a default by the vendor and good cause for termination of the award, contract, or purchase order.

Strict conformance with the standards, specifications, and requirements of the bid or proposal is required by Midlothian ISD. Unless otherwise stated in the specifications, all supplies and components to be provided shall be new (not used or reconditioned, and not of such age or so deteriorated as to impair their usefulness or safety), of current production, and of the most suitable grade for the purpose intended. If at any time during the term of an awarded agreement the vendor believes the furnishings of supplies or components which are not new is necessary or desirable, it shall notify the District immediately, in writing, including the reasons and proposing any consideration which will flow to the District if authorization to use such supplies or components is granted.

If a brand name or specific model name is shown in the proposed specifications or bid form, such usage is to indicate an acceptable standard which must be considered if bidding better or equivalent products. Any bid or proposal for such better or equivalent products shall provide significant information on the products to allow the District to determine whether or not they are acceptable.

Any proposed substitution of goods or services to be supplied by the vendor shall require prior written acceptance by the District, unless stated otherwise. The vendor shall be bound to provide all proposed goods or services if its bid or proposal is accepted and awarded by Midlothian ISD, and no changes shall be acceptable unless agreed to in writing by the District.

Vendor assumes all liability for delivering non-compliant goods. The District reserves the right to reject any tender of non-compliant goods and shall require the vendor to take possession of such defective goods at no cost to District, and replace them with compliant goods at no cost to District, unless Midlothian ISD elects, in writing, to accept such non-compliant goods. Such non-confirming goods shall constitute good cause for termination of the contract, purchase order, or award, if not accepted by written agreement by Midlothian ISD or cured by the vendor.

Respondent agrees to ascertain whether goods manufactured in accordance with the specifications will give rise to the rightful claim of any third person by way of infringement or the like. If vendor is of the opinion that an infringement or the like will result, he/she will notify MISD to this effect in writing within two weeks after the signing of this a contract. If MISD does not receive notice and is subsequently held liable for the infringement or the like, vendor will indemnify MISD for any damages due to such claim. If vendor, in good faith, ascertains that production of the goods in accordance with the specifications will result in infringement or the like, this document shall be null and void. MISD may pay vendor for the reasonable cost (as determined by MISD) of his/her search as to infringements.

Respondent warrants that the product sold to MISD shall conform to the standards promulgated by the federal government including, but not limited to, the U.S. Department of Labor under the Occupational Safety and Health Act (OSHA) and the Consumer Product Safety Commission (CPSC). In the event the product does not conform to applicable safety standards, MISD may return the product for correction or replacements at

the vendor's expense. In the event vendor fails to make the appropriate correction within a reasonable time (i.e., 2 weeks) correction may be made by MISD at vendor's expense.

The terms of the agreement are "no arrival, no sale". The title and risk of loss of the goods shall not pass to the District until the District actually receives and takes possession of the goods/services at the point or points of delivery. The District shall have the right to inspect the goods at delivery before accepting them.

The vendor shall be responsible for replacing or correcting any defective product or service supplied to the District in response to the Solicitation at no cost to Midlothian ISD.

DELIVERY

Performance of service/delivery of goods shall be made to the location identified on each purchase order or resulting contract. All work performed, as herein shown under the specifications, shall be of the highest quality workmanship and shall in every respect meet or exceed the industry standards for this type of good/service. Every tender or delivery of goods must fully comply with all provisions of this contract as to time of delivery, quality and the like. All delivered equipment, materials or merchandise must be new, unused, free of liens, and in the manufacturer's original packing unless otherwise specified. If a tender is made which does not fully conform, this shall constitute a breach of the contract, purchase order, and award, and the vendor shall not have the right to substitute a conforming tender, provided, where the time for performance has not yet expired, the vendor may reasonably notify the district of his intention to cure and may then make a conforming tender within the contract time but not afterward.

The vendor will package goods in accordance with good commercial practice. Each shipping container shall be clearly and permanently packed as follows: (a) vendor's name and address;(b) Consignee's name, address and purchase order or purchase release number and the supply agreement number if applicable; (c) Container number and total number of containers, e.g., box 1 of 4 boxes; and (d) the number of the container bearing the packing slip. The vendor shall bear the costs of packaging and delivery at reasonable costs unless otherwise provided. Acceptance by the District of any delivery shall not relieve the vendor of any guarantee or warranty, express or implied, nor shall it be considered an acceptance of material not in accordance with the specifications and shall not waive the District's right to request replacement of defective material.

NOTICE OF DELAYS

Whenever the vendor encounters any difficulty which delays or threatens to delay timely performance, the vendor shall immediately give notice, in writing, to the District, including all relevant information. Such notice shall not in any way constitute a basis for an extension of the delivery or performance schedule or be construed as a waiver by Midlothian ISD of any right or remedies to which it is entitled by law or pursuant to provisions herein. Failure to give such notice, however, may be grounds for denial of any request for an extension of the delivery or performance schedule because of such delay.

SAFETY DATA SHEET (SDS)

The vendor shall provide, at no cost to DISTRICT, at least one (1) copy of any Safety Data Sheet (SDS) applicable to any goods or materials to be supplied by the vendor in response to this solicitation.

WARRANTIES

Warranties for goods and services shall be a minimum of one (1) year from completion of the bid or proposal. If goods or services to be provided are of comparable quality, the District may give preference to longer warranties when evaluating the bid or proposal.

The price to be paid by Midlothian ISD shall be that contained in vendor's response, which the vendor warrants to be no higher than the vendor's current prices on orders by others for products of the kind and specification covered by the agreement for similar quantities under similar or like conditions and methods of purchase. In the event the vendor breaches this warranty, the prices of the items shall be reduced to the vendor's current prices on orders by others or, in the alternative, Midlothian ISD may cancel this contract without liability to the vendor for breach or the vendor's actual expense.

The vendor warrants that no person or selling agency has been employed or retained to solicit or secure this contract upon an agreement or understanding for commission, percentage, brokerage, or contingent fee excepting bona fide employees of bona fide established commercial or selling agencies maintained by the vendor for the purpose of securing business. For breach or violation of this warranty, Midlothian ISD shall have the right in addition to any other right or rights to cancel this contract without liability and to deduct from the contract price, or otherwise recover the full amount of such commission, percentage, brokerage or contingent fee.

The vendor shall not limit or exclude any implied warranties and any attempt to do so shall render this contract voidable at the option of the District. The vendor warrants that the goods furnished will conform to the specifications, drawings and descriptions listed in the bid invitation and to the sample(s) furnished by the vendor, if any. In the event of a conflict between the specifications, drawings and descriptions, the specifications shall govern. All equipment items awarded as a result of the bid will be covered by an all parts and labor warranty, including any/all transportation charges, for a minimum period of one (1) year.

CONTRACTORS

Persons providing services on a project ("subcontractor" in Texas Labor Code 406.096) include all persons or entities performing all or part of the services the contractor has undertaken to perform on the project, regardless of whether that person contracted directly with the contractor and regardless of whether that person has employees. This includes, without limitation, independent contractors, subcontractors, leasing companies, motor carriers, owner-operators, employees of any such entity, or employees of any entity that furnishes persons to provide services on the project.

Services include, without limitation, providing, hauling, or delivering equipment or materials, or providing labor, transportation, or other service related to a project. Services do not include activities unrelated to the project, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

The proposer declares that in the event of the award of a contract to the undersigned to this offer will comply with the Immigration Reform & Control Act of 1986.

Respondents will provide their own tools/equipment required/expected of their craft/trade. The contractor is responsible for permits and fees required and compliance with all local, state, and federal rules, regulations, and statutes. The job site shall be in a clean, safe and orderly condition at all times. It shall be the contractor's responsibility to remove all debris, materials, and equipment from the job site upon completion of the work specified.

The contractor shall agree to waive all right of subrogation against the District, its officials, employees and volunteers for losses from work performed by contractor for the District.

The contractor shall hold the District harmless from and indemnify it against all liability, including attorney's fees, which may arise from and accrue directly from the performance of the work or any obligation of Contractor or failure of Contractor to perform any work or obligation provided for in this Agreement.

INSURANCE

The successful respondent, at his/her own expense, shall provide and maintain insurance with fiscally sound firms (at least an AM Best rating of A-) authorized to do business in Texas. Insurance requirements also apply to any sub-contractor(s) in the event that any work is sublet. The contractor is responsible for making sure the sub-contractor(s) meets the minimum insurance requirement limits as by law.

Insurance must remain in effect for the duration of this contract. Should any policy be canceled before the expiration date, the issuing company will mail thirty (30) days written notice to the certificate holder, MISD. The contractor shall notify the district in writing by certified mail or personal delivery, within ten days after the contractor knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project. If the coverage period shown on the contractor's current certificate of coverage ends during the duration of the project, the contractor must, prior to the end of the coverage period, file a new certificate of coverage with the district showing that coverage has been extended.

Vendor may be required to provide a copy of insurance coverage to MISD. If the district is to be named as an additional insured on the vendor's insurance coverage, the certificate indicating this should be provided within ten (10) calendar days from date of award. The bid/proposal number and title should be noted in the "Description of Operations/Locations/Vehicles/Special Items" block of the certificate and the "Certificate Holder" block of the certificate should read, Midlothian ISD, Attn: Director of Purchasing, 100 Walter Stephenson Rd, Midlothian, TX 76065."

Additional insurance requirements may be required for construction and/or services projects and will be identified elsewhere in this document.

The contractor represents to the district that all employees of the contractor who will provide services on the project will be covered by statutory workers' compensation coverage for the duration of the project, that the coverage will be based on proper reporting of classification codes and payroll amounts and filing of any coverage agreements, which meets the statutory requirements of Texas Labor Code 401.011 (44) for all employees of the contractor, and that all coverage agreements will be filed with the appropriate insurance carrier or, in the case of a self-insured, with the commission's Division of Self-Insurance regulation. Providing false or misleading information may subject the contractor to administrative penalties, criminal penalties, civil penalties, or other civil actions.

The contractor shall post on each project site a notice, in the text, form, and manner prescribed by the Texas Workers' Compensation Commission, informing all persons providing services on the project that they are required to be covered, and stating how a person may verify coverage and report lack of coverage.

A copy of a certificate of insurance, a certificate of authority to self-insure issued by the commission, or a coverage agreement (TWCC-81, TWCC-82, TWCC-83, or TWCC-84), showing statutory workers' compensation insurance coverage for the person's or entity's employees providing services on a project is required for the duration of the project. Duration of the project includes the time from the beginning of the work on the project until the project has been completed and accepted by the district.

The contractor shall retain all required certificates of coverage for the duration of the project and for one year thereafter. The contractor's failure to comply with any of these provisions is a breach of contract by the contractor that entitled the governmental entity to declare the contract void if the contractor does not remedy the breach within ten days after receipt of notice of breach from the governmental entity.

TERMINATION

Vendor shall be considered in default, and such default shall be grounds for the District to terminate any resulting award for this solicitation and/or pursue any and all relief, at law or in equity, to which it may be entitled by reason of such default, in the presence of a failure to perform any of its obligations under any resulting agreement and fails to correct such non-performance within ten (10) calendar days of written notice from the District to do so. In case of default of the vendor, MISD reserves the right to terminate the purchase order. In case of default of three (3) purchase orders, the district reserves the right to terminate the contract and suspend future business with the vendor.

Midlothian ISD shall have the right to terminate any purchase order to, contract with, or awarded to the vendor, in whole or in part, for cause (including breach of the proposal warranties, or contract by the vendor, or because of loss of federal funding) or for the District's convenience at any time. Any award, contract or purchase order is subject to termination by the District if any person significantly involved in initiating, negotiating, securing, drafting, or creating the solicitation on behalf of the District, is at any time while the solicitation is in effect, an employee of the vendor in any capacity or as a consultant to the District with respect to the subject matter of the Solicitation.

If deemed necessary, inspections will be made by authorized District personnel on a routine basis. Any deficiencies in the work performance disclosed during such inspections must be corrected following receipt of notification by the Vendor. Continued failure to take such corrective actions could, at the District's discretion, lead to termination of any resulting award.

FORCE MAJEURE

Neither the District nor the vendor shall be responsible or deemed to be in default of its obligations to the other to the extent any failure to perform or delay in performing its obligations under the bid or proposal is caused by events or conditions beyond the reasonable control of that party, and are not due to the negligence or willful misconduct of such party (hereinafter, "Force Majeure events"). For purposes of the bid or proposal, Force Majeure events shall include, but not be limited to, acts of God or public enemy, war, riot or civil commotion, strikes, epidemic, fire, earthquake, tornado, hurricane, flood, explosion, weather-related emergencies, or other catastrophes, or events or conditions due to law, regulations, ordinances, order of a court of competent jurisdiction, or executive decree or order. However, in the event of such delayed non-performance or nonperformance, the party so delayed shall furnish prompt written notice to the other party (including the date of inception of the Force Majeure event and the extent to which it will affect performance) and shall undertake all efforts reasonably possible to cure the delay or nonperformance and mitigate its effects, or to otherwise perform. The District shall not be responsible for payment for any product or service delayed or foreclosed by any Force Majeure event unless and until such delayed or foreclosed product or service is provided. These provisions shall not preclude the District from canceling or terminating any resulting award (or any order for any goods or services included herein), or from revising the scope of the work, as otherwise permitted under the bid or proposal.

CONFLICTS

Effective January 1, 2006 and pursuant to Texas H.B. No. 914 and in accordance with Chapter 176 of the Texas Local Government Code, Section 176.006, any person or entity who contracts or seeks to contract with MISD for the sale or purchase of property, goods, or services (as well as agents of such persons, hereafter referred to as Vendors) are required to file, on an annual basis, a Conflict of Interest Questionnaire with the District. Each covered person or entity who seeks to or who contracts with MISD is responsible for complying with any applicable disclosure requirements. MISD will post the completed questionnaires on its website. Information regarding H.B. No. 914 may be obtained from the Texas Ethics Commission's website at <http://www.ethics.state.tx.us>.

Any board member who has any substantial interest, either direct or indirect, in any business entity seeking to contract with the District, shall, before any vote or decision on any matter involving the business entity, file an affidavit stating the nature and extent of interest and shall abstain from any participation in the matter. This is not required if the vote or decision will not have any special effect on the entity other than its effect on the public. However, if a majority of the governing body are also required to file, and do file similar affidavits, then the member is not required to abstain from further participation.

Local Government Code Chapter 171

In 2015, the Texas Legislature adopted House Bill 1295, which added section 2252.908 of the Government Code. The laws states that a governmental entity or state agency may not enter into certain contracts with a business entity unless the business entity submits a disclosure of interested parties (Form 1295) to the governmental entity or state agency at the time the business entity submits the signed contract to the governmental entity or state agency. The business entity is responsible for first electronically filing Form 1295 with the Ethics Commission. This filing process creates a certification of filing and a completed Form 1295 must be printed, signed by an authorized agent of the business entity and submitted to the school district.

GRATUITIES

Please note that a “gift to a public servant” is a Class A misdemeanor offense if the recipient is a government employee who exercise some influences in the purchasing process of the governmental body. This would certainly apply to anyone who helps establish specifications or is involved in product selection or directs a purchase.

The District may, by written notice to the vendor, cancel this solicitation, its contract, purchase order, or award without liability to the vendor if it is determined by the District that gratuities, in the form of entertainment, compensation, gifts, or otherwise were offered or given by the vendor, or any agent or representative of the vendor, to any Board of Trustee member, officer, or employee of the Midlothian Independent School District with an intent to secure favorable treatment with respect to the awarding or amending, or the making of any determinations with respect to the performing of such an agreement. In the event this contract is canceled by the District pursuant to this provision, Midlothian ISD shall be entitled, in addition to any other rights and remedies, to recover or withhold the amount used by the vendor to provide such gratuities.

FACILITIES

Midlothian ISD is a tobacco-free, drug-free, weapon-free and alcohol-free environment. No one may use, consume, carry, transport or exchange alcohol beverages, tobacco, cigarettes, electronic cigarettes, controlled substances and/ or illegal drugs while in a school district building or while on school district property. It is the responsibility of the vendor to ensure that its employees, agents, and subcontractors are not under the influence of drugs or alcohol and/or in possession of drugs, tobacco, alcohol, or weapons. If an employee, agent, or subcontractor of vendor is found to be under the influence and/or in possession of drugs/tobacco, alcohol, or weapons at the time of service, the vendor will be notified at once by District that the individual(s) must be

immediately restricted from all Midlothian ISD campuses/departments. Repeated offenses by vendor could result in contract termination for default.

For the safety of students, all vendor personnel will sign visitor log in the office at the campus. An identification badge will be worn as required by the campus administrator. Vendor personnel are expected to maintain proper dress and exhibit a vendor badge or wear vendor issued shirts displaying the vendor logo. All contractors must also be in a uniform that identifies them at all times.

All vendor personnel are required to stay within the designated installation areas and may only enter a teacher's classroom when accompanied by District personnel.

At the time of offer submission, the person or entity submitting an offer must give notice to the district if the person or an owner or operator of the business entity has been convicted of a felony. The notice must include a general description of the conduct resulting in this conviction of a felony. The District may terminate a contract with a person or business if the District determines that the person or business failed to give such notice or misrepresented the conduct resulting in the conviction. This requirement does not apply to a publicly held corporation.

Texas Education Code Chapter 22 requires service contractors to obtain criminal history record information regarding covered employees and to certify to the District that they have done so. Covered employees with disqualifying convictions are prohibited from serving at a school district. Covered employees are all employees of a contractor who have or will have continuing duties related to the service to be performed at the District and have or will have direct contact with students. The District will be the final arbiter of what constitutes direct contact with students.

Vendors (owners, officers, employees, volunteers, etc.) may not work on District property where students may or may not be present when they have charges pending, have been convicted, received probation or deferred adjudication for the following:

- Any offense against a child
- Any sex offense
- Any crimes against persons involving weapons or violence
- Any felony offense involving controlled substances
- Any felony offense against property
- Any other offense the District believes might compromise the safety of students, staff, or property.

ASBESTOS

Vendors who perform work inside the MISD facilities are hereby notified that buildings may contain asbestos containing materials. This notification is required by both the State of Texas Department of

State Health Services and the Federal EPA Asbestos regulations. These guidelines cover both MISD's responsibilities and the Employer's responsibility to their employees. As a vendor, it is your

responsibility to check each building prior to performing any work in that facility. These building materials may include but are not limited to: ceiling tile, floor tile and mastic, sheetrock, tape and bed compound, thermal pipe insulation, spray-on ceiling material, calks, and roofing products. As there have been numerous asbestos containing products manufactured over the years, you must check each building's Asbestos Management Plan. This plan is normally kept in the main office. Check with the school secretary and she will allow you to look at it. It is the vendor's responsibility to notify all employees working for them that MISD facilities may contain asbestos and where their employees may find the facility's Asbestos Management Plan.

Products and/or services procured under this agreement may be of a construction nature and will require certification that materials utilized and installed in conjunction with any project involving construction, be it new, renovation or contracted trade services, are free of asbestos and lead.

PUBLIC INFORMATION ACT (PIA) / FREEDOM OF INFORMATION ACT (FOIA)

By entering into a contract, pursuant to Texas Government Code Ann. Chapter 552, Subchapter J, the vendor agrees to be bound by the following terms if the contract has a stated expenditure of at least \$1,000,000 for the purchase of goods or services by the District or if the contract results in the expenditure of at least \$1,000,000 in public funds for the purchase of goods or services by the District in a fiscal year of the Midlothian ISD. If the district receives a written request for public information related to this Contract that is in the possession or custody of the vendor and not in the possession or custody of the District, Midlothian ISD shall send, not later than the third business day after the date the District receives the written request, a written request to the vendor that vendor provide that information to the District.

The vendor must:

- Preserve all contracting information related to the contract as provided by the records retention requirements applicable to the District for the duration of the contract;
- Promptly, within four business days, provide to the District any requested contracting information that is in the custody or possession of the vendor upon request of the Midlothian ISD; and,

On completion of the contract, either:

- Provide to the District at no cost all contracting information related to the contract that is in the custody or possession of the vendor; or
- Preserve the contracting information related to the contract as provided by the records retention requirements applicable to the District.

If the requirements of Subchapter J, Chapter 552, Texas Government Code Ann. apply to this Solicitation or Contract, the vendor agrees that the contract can be terminated if the vendor knowingly or intentionally fails to comply with the requirements of that subchapter. Texas Government Code Ann. Chapter 552.374.

Further, under Texas Government Code Ann. Chapter 552.372(c), Midlothian ISD may not accept a bid from or award a contract to an entity that the District has determined has knowingly or intentionally failed in a previous bid or contract to comply with Subchapter J, unless the District determines and documents that the entity has taken adequate steps to ensure future compliance. If a vendor fails to provide the requested information to the District, Texas Government Code Ann. §552.373 requires the District to notify the vendor in writing of the failure and allow 10 business days to cure the violation. Midlothian ISD may terminate the contract if vendor fails to remedy the failure, the District determines the failure was knowing and intentional, and steps have not been taken to ensure future compliance.

INDEMNITY

Except as otherwise expressly provided or prohibited by law, respondent shall defend, indemnify, and hold MISD harmless from and against all claims, liability, loss and expenses, including reasonable costs, collection expenses, and attorneys' fees incurred, which arise by reason of the acts or omissions of respondent, its agents or employees in the performance of its obligations under this contract. This clause shall survive termination of this contract.

ANTI-TRUST

Successful respondent shall assign to MISD any and all claims for overcharges associated with this contract which arise under the antitrust laws of the United States, 15 USCA, Section 1 et seq., and which arise under the antitrust laws of the State of Texas, Tex. Bus. & Com. Code, Section 15.01, et seq.

MEDIATION

In the event of any dispute arising out of, related to, or regarding vendor's bid or proposal, or charges for goods or services provided by the vendor, those disputes will be resolved under the terms of Texas Government Code Ann. Chapter 2251. The vendor further agrees that any dispute regarding the sufficiency of the goods or services supplied by the vendor that is not resolved by discussion with the District, will be submitted to mediation in Midlothian County, Texas, with a mutually-agreed mediator, before either party may file suit. The costs of the mediator will be divided equally between the parties. In the event of any litigation between the parties, the prevailing party shall be entitled to recover reasonable and necessary attorneys' fees from the other party.

LITIGATION

This procurement, and any resulting award, contract, purchase order, or other agreement arising out of or related to it, shall be governed and interpreted by the laws of the State of Texas, and any litigation shall be conducted in state district court. Mandatory and exclusive venue shall be in Midlothian County, Texas, or, if no county is specified, then in the county in which the Owner's main administrative office is located.

STATUTORY PERFORMANCE BOND AND STATUTORY LABOR AND MATERIAL PAYMENT BOND

A Statutory Performance Bond and a Statutory Labor and Material Payment Bond will be required of the successful proposer and shall be executed by a surety company acceptable to the Owner and authorized to do business in the State of Texas. Each bond shall be in an amount equal to one hundred percent (100%) of the contract price. The Performance Bond and the Labor and Material Payment Bond may be in one or separate instruments in accord with local law and are to be delivered to the Owner no later than the date of execution of the contract. Failure or neglecting to deliver said bonds, as specified, shall be considered as having abandoned the contract and the proposal security will be retained as liquidated damages.

Bonds shall be executed by a Surety Company that is:

- Approved by the school district, and duly authorized and admitted to do business in the State of Texas as determined by the State Board of Insurance.
- Listed by the United States Department of the Treasury in that issue of the "Federal Register" covering the date on which the bond was executed and the date that Surety Company has obtained reinsurance, if applicable, from a reinsurer that is authorized and admitted as a reinsurer in this state and is the holder of a certificate of authority from the United States Secretary of the Treasury.

CERTIFICATE OF LIABILITY INSURANCE

The successful proposer shall provide a Certificate of Liability Insurance in at least the amount of \$1,000,000.00. The Midlothian Independent School District shall be listed as additional insured.

SUBMITTAL

Submit proposals in accordance with the Request for Proposals.

Enclose proposal in sealed envelope, clearly marked on the outside with the following:

- Project name and CSP Number
- Name of Proposer
- Midlothian Independent School District

Proposals shall be submitted on unaltered proposal forms. Fill in all blank spaces. If there are entries (blank spaces) on the proposal form which do not apply to a particular proposer, these entries shall be marked "N.A." (Not Applicable) by the proposer. No proposals will be considered that are amended or are qualified with conditional clauses, alterations, items not called for in the proposal, or irregularities of any kind which, in the Owner's opinion, may disqualify the proposer.

Proposals meeting the requirements of the CSP shall be considered. Respondents taking exception to the specifications or offering substitutions shall state these exceptions.

Each proposer shall submit one original, one duplicate copy, and one digital copy saved on a USB Flash Drive of each of the following. All shall be submitted in a single sealed envelope. Electronic signatures are acceptable.

Proposer Identification: Contractor shall add a Cover Sheet/Proposer Identification Form that includes the following information: Date, Company Name, Full Address, Phone number and Email address.

OFFER FORM

This form should serve as the cover to all responses; failure to sign may result in disqualification.

Bid Number and Title: CSP 2324-04 Golf Practice Facility Project
 Submittal Due Date and Time: January 18, 2024 - 2:00 P.M. (CST)
 Submittal Address: Midlothian Independent School District
 Shana Volentine, Director of Purchasing
 100 Walter Stephenson Rd
 Midlothian, Texas 76065

The undersigned authorized representative of the responding company indicated below hereby acknowledges;

- They are authorized to enter into contractual relationship on behalf of the responding company;
- They have carefully examined this document in its entirety;
- They propose to supply any products/services submitted under this solicitation at the prices quoted and in strict compliance with all terms, policies and procedures, unless any exceptions are noted;
- Any and all exceptions have been noted in writing in the response and that no other exception will be claimed;
- The accuracy of all certifications which accompany this offer;
- The stated organization is an equal opportunity employer;
- The organization has not been a party to any collusion among offer/vendors in restraint of freedom of competition by agreement to offer at a fixed price or to refrain from offering; or with any MISD employee, Board Trustee, or consultant as to quantity, quality, or price in the prospective contract, or in any terms of the prospective contract except in any authorized discussion(s) with MISD's Purchasing personnel; or in any discussions or actions between offer/vendors and any MISD employee, Board Trustee, or consultant concerning exchange of money or other things of value for special consideration in the award of this contract.
- The prices in this offer have been determined independently, without consultation, communication, or agreement for the purpose of restricting competition, as to any matter related to such prices, with any other vendor or with any competitor;
- Notice of award and/or any communication regarding an award will be submitted via MISD and not by any consultant, contractor or other party involved in this solicitation.
- Receipt of Addenda, or lack thereof:

None: _____ (initial)

1: _____ (initial)

2: _____ (initial)

3: _____ (initial)

4: _____ (initial)

Name of Company:	Date:
Signature of Authorized Rep:	Printed Name:
Position or Title:	Phone:
Email:	Fax:

PROPOSAL FORM

The undersigned, has carefully examined the Request for Proposals, Contract Documents, Conditions of the Contract, the Specifications, the Drawings and any addenda to the Drawings and Specifications, the site, premises and all conditions affecting the work on the project listed above as prepared by Midlothian ISD. The undersigned proposes to furnish all labor, materials, services and equipment necessary to complete the entire work in strict accordance with the above documents for the following sum:

Location	Lump Sum (LS)	Proposed Amount
Golf Practice Facility Project	1	\$
Golf Simulator	1	\$
		\$
		\$
<i>Owner's Contingency</i>	1	<i>\$25,000.00</i>
TOTAL PROJECT PROPOSAL	1	\$

Respectfully submitted by:

Company: _____

Printed Name: _____

Signature: _____

Date: _____

VENDOR DATA

FOR PURCHASE ORDER: ORDERING ADDRESS INFORMATION	
Company Name:	
Address:	
City, State, Zip:	
Contact Person:	
Title:	
Phone:	
Fax:	
Email address:	
May we submit orders via email:	
Email address, if different:	

FOR PAYMENTS: REMITTANCE ADDRESS INFORMATION	
Company Name:	
Address:	
City, State, Zip:	
Contact Person:	
Title:	
Phone:	
Fax:	
Email address:	

COOPERATIVE AGREEMENTS											
<i>If the vendor holds a contract with any of the following, please circle and provide contract number(s) as applicable.</i>											
Allied States	Choice Partners	CTPA	DIR	EPCNT	Omnia Partners	PACE	REGION 18	Sourcewell	TASB Buy Board	TIPS	
Contract Number(s):											

REFERENCE SHEET**Reference 1**

Name: (School District/ Company)	
Contact Name:	
Address:	
Phone Number:	
Email Address:	

Reference 2

Name: (School District/ Company)	
Contact Name:	
Address:	
Phone Number:	
Email Address:	

Reference 3

Name: (School District/ Company)	
Contact Name:	
Address:	
Phone Number:	
Email Address:	

**Please note: Some projects may require more attention to be given to historical projects of like scope, type, location, institute, etc. While it is not a requirement, the District prefers references be given for school districts of similar size to Midlothian ISD and the district may evaluate responses as a whole, based on references provided.*

VENDOR ACKNOWLEDGEMENTS

RESIDENT BIDDER

Governmental contract

A contract awarded by a governmental entity for general construction, an improvement, a service or a public works project, purchase of supplies, materials or equipment. (Texas Government Code Section 2252.001(1))

Governmental entity

- The state.
- A board, commission, department, office or other agency in the executive branch of state government, including an institution of higher education as defined by Texas Education Code Section 61.003.
- The Legislature or a legislative agency.
- The Supreme Court, the Court of Criminal Appeals, a court of appeals, the State Bar of Texas

Nonresident bidder

A person whose principal place of business is not in Texas. (Texas Government Code Section 2252.001(3))

Resident bidder

A person whose principal place of business is in Texas, including a contractor whose ultimate parent company or majority has its principal place of business in this state. (Texas Government Code Section 2252.001(4))

Check only one: _____ Resident Bidder _____ Non-Resident Bidder of Texas

FELONY CONVICTION AND CRIMINAL HISTORY NOTICE

Texas Education Code, Section 44.034, Notification of Criminal History, Subsection (a), states, "a person or business entity that enters into a contract with a school district must give advance notice to the District if the person or owner or operator of the business entity has been convicted of a felony." The notice must include a general description of the conduct resulting in the conviction of a felony. Subsection (b) states, "a school district may terminate a contract with a person or business entity if the district determines that the person or business entity failed to give notice as required by Subsection (a) or misrepresented the conduct resulting in the conviction." The district must compensate the person or business entity for services performed before the termination of the contract. Vendor is responsible for the performance of the persons, employees and/or sub-contractors. Vendor assigns to provide services for Midlothian ISD pursuant to this proposal on any and all Midlothian ISD campus or facilities. Vendor will not assign individuals to provide services at a Midlothian ISD campus or facility who have a history of violent, unacceptable, or grossly negligent behavior or who have a felony conviction, without the prior written consent of the Midlothian ISD Purchasing Department. Please select the statement that applies to your company regarding the Felony Conviction Notification

- _____ Publicly-Held Corporation (Notice Not Required)
_____ Firm is NOT owned or operated by convicted felon
_____ Firm IS owned or operated by convicted felon

CONFIDENTIALITY DECLARATION

Any portion of the response considered to be confidential or contain proprietary information, or to contain trade secrets, must be marked accordingly. This designation may not necessarily guarantee the non-release of the information under the Public Information Act or as otherwise required by law, but does provide the District with a means to review the issues thoroughly and, if justified, request an opinion by the Attorney General's office prior to releasing any information requested under the Public Information Act.

- _____ Packet DOES contain confidential information, as marked
_____ Packet DOES NOT contain confidential information

INTERLOCAL AGREEMENTS WITH OTHER SCHOOL DISTRICTS

Midlothian ISD is a member of the Central Texas Purchasing Alliance (CTPA) and the Education Purchasing Cooperative of North Texas (EPCNT), each serving as an alliance of over 100 school districts in Texas representing millions of students, sharing information, services and contractual opportunities. A list of member districts can be found on the respective cooperative's webpage.

In support of this collaborative effort, all awards made by Midlothian ISD may be adopted by other active member districts in either (or both) of the identified entities. By adopting a contract from another member district, the adopting district has met the competitive bidding requirements established by the Texas Education Code, Section 44.031 (a)(4). While there is no obligation to participate, doing so will streamline the public purchasing process and cut costs to the public. It will also keep vendors from having to answer multiple bids for many school districts for the same product(s) or services, thereby saving the vendors resources.

All purchases by members and participants other than Midlothian ISD will be billed directly to that entity and paid by that entity. Midlothian ISD will not be responsible for another entity's debts. Each governmental entity will order its own materials/services as necessary and according to their policies.

Does vendor agree: _____ Yes _____ No

COMMITMENT TO PROVIDE INSURANCE

Bidder will be able to furnish a valid insurance certificate reflecting as Certificate Holder: Midlothian ISD, 100 Walter Stephenson Rd, Midlothian TX 76065. The vendor shall provide and maintain insurance in a company rated no less than an "A" by A.M. Best Company.

Vendor is aware of all costs to provide insurance, will do so pending contract award, and will provide a valid insurance certificate as describe within this solicitation.

Does vendor agree: _____ Yes _____ No

DEBARMENT OR SUSPENSION CERTIFICATION

This firm nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. *(Non-Federal entities are prohibited from contracting with or making sub-awards under covered transaction to parties that are suspended or debarred or whose principals are suspended or debarred. Covered transactions include procurement of goods or services equal to or in excess of \$100,000. Vendors receiving individual awards of \$100,000 or more and all sub-recipients must certify that the organizations and its principals are not suspended or debarred.)*

Does vendor affirm non-debarment/suspension: _____ Yes _____ No

INDEMNIFICATION AND HOLD HARMLESS

Except as otherwise expressly provided, respondent shall defend, indemnify and hold MISD harmless from and against all claims, liability, loss and expenses, including reasonable costs, collection expenses, and attorney's fees incurred, which arise by reason of the acts or omissions of respondent, its agents or employees in the performance of its obligation under this contract.

Does vendor affirm: _____ Yes _____ No

STATEMENT OF COMPLIANCE/DEVIATION

Unless otherwise stated, this proposal complies with all specifications and/or scope of work contained in the solicitation document. Any deviations from any part of this solicitation shall be listed on a separate page as provided by the respondent with detailed conditions and information. MISD will consider any deviations in its evaluation, and reserves the right to accept or reject any bid based upon any deviations.

Response is in full compliance: _____ Yes _____ No (Deviations must be detailed on a separate page)

CONTRACTOR CERTIFICATION

If an employee of a contractor is covered under SB 9 the contractor must bear the burden of obtaining a national, fingerprint- based criminal history check. Under Section 22.0834 of the Education Code, the contractor is then required to certify to the district that the criminal history check has been performed. Under the statute SB 9, a contractor is required to conduct a criminal history review on an employee only when the following criteria has been met: 1) The employer has contracted with the district to provide services. 2) The particular employee will have continuing duties relating to the contract with the district. 3) The particular employee will have contact with students.

VENDOR ACKNOWLEDGEMENT: _____ Authorized Representative of Vendor

TOXIC CONTROL COMPLIANCE

Midlothian Independent School District has established Management Plans for ensuring a high level of environmental air quality through its Operations Department. All contractors performing construction projects for MISD must familiarize themselves with these Management Plans and comply prior to the beginning of any awarded construction project. MISD employees are available to review such Plans and assist in interpretation and understanding its Asbestos Management Plans at any time prior to beginning construction.

Certification of non-use of Asbestos and Lead Containing Materials is required by all General and Sub-Contractors for all construction projects, by State and Federal regulations which MISD is subject to. Completion of this Affidavit is mandatory before final payment on a project will be made. Complete this certificate, have it notarized and submit it with your application for final payment, certifying that no materials used in conjunction with this project contain asbestos or lead in any form and that all Material Safety Data Sheets (MSDS) have been supplied to Owner before submitting application for final payment.

VENDOR ACKNOWLEDGEMENT: _____ Authorized Representative of Vendor

MWBE/HUB CERTIFICATION

A bidder/proposer that has been certified as a Minority/Women Business Enterprise (also known as "Historically Underutilized Business" or "HUB") is encouraged to indicate its MWBE certification status when responding to this Bid/Proposal. If so, please provide the Certificate Number and Name of Certifying Agency.

VENDOR ACKNOWLEDGEMENT: _____ Authorized Representative of Vendor

CERTIFICATION OF EQUAL EMPLOYMENT STATEMENT

It is the policy of the District not to discriminate on the basis of race, color, national origin, gender, limited English proficiency or handicapping conditions in its programs. Vendor agrees not to discriminate against any employee or applicant for employment to be employed in the performance of this Contract, with respect to hire, tenure, terms, conditions and privileges of employment, or a matter directly or indirectly related to employment, because of age (except where based on a bona fide occupational qualification), sex (except where based on a bona fide occupational qualification) or race, color, religion, national origin, or ancestry. Vendor further agrees that every subcontract entered into for the performance of this Contract shall contain a provision requiring non-discrimination in employment herein specified, binding upon each subcontractor. Breach of this covenant may be regarded as a material breach of the Contract.

VENDOR ACKNOWLEDGEMENT: _____ Authorized Representative of Vendor

CERTIFICATION OF SECTION 2271.002 TEXAS GOVERNMENT CODE

This section applies to a contract that: (1) is between a governmental entity and a company with 10 or more full-time employees; and (2) has a value of \$100,000 or more that is to be paid wholly or partly from public funds of the governmental entity. A governmental entity may not enter into a contract with a company for goods or services unless the contract contains a written verification from the company that it: (1) does not boycott Israel; and (2) will not boycott Israel during the term of the contract.

VENDOR ACKNOWLEDGEMENT: _____ Authorized Representative of Vendor

CERTIFICATION OF SECTION 2252 TEXAS GOVERNMENT CODE

This section applies to contracts with companies engaged in business with Iran, Sudan, or foreign terrorist organization is prohibited. A governmental entity may not enter into a governmental contract with a company that is identified on a list prepared and maintained under Section 806.051, 807.051 or 2252.153. The comptroller shall prepare and maintain, and make available to each governmental entity, a list of companies known to have contracts with or provide supplies and services to a foreign terrorist organization.

VENDOR ACKNOWLEDGEMENT: _____ Authorized Representative of Vendor

CERTIFICATION OF SECTION 2274 TEXAS GOVERNMENT CODE

If (a) vendor is not a sole proprietorship; (b) vendor has ten (10) or more full-time employees; and (c) this agreement has a value of \$100,000 or more that is to be paid wholly or partly from public funds, the following certification shall apply; otherwise, this certification is not required. Pursuant to TEX. GOV'T CODE Ch. 2274 of SB 13 (87th session), vendor hereby certifies and verifies that vendor, or any wholly owned subsidiary, majority- owned subsidiary, parent company, or affiliate of these entities or business associations, if any, does not boycott energy companies and will not boycott energy companies during the term of the agreement. For purposes of this agreement, the term "company" shall mean an organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or limited liability company, that exists to make a profit. The term "boycott energy company" shall mean "without an ordinary business purpose, refusing to deal with, terminating business activities with, or otherwise taking any action intended to penalize, inflict economic harm on, or limit commercial relations with a company because the company (a) engages in the exploration, production, utilization, transportation, sale, or manufacturing of fossil fuel-based energy and does not commit or pledge to meet environmental standards beyond applicable federal and state law, or (b) does business with a company described by paragraph (a)." See TEX. GOV'T CODE § 809.001(1).

VENDOR ACKNOWLEDGEMENT: _____ Authorized Representative of Vendor

CERTIFICATION OF SECTION 2274 TEXAS GOVERNMENT CODE

This section applies only to a contract that: (1) is between a governmental entity and a company with at least 10 full-time employees; and (2) has a value of at least \$100,000 that is paid wholly or partly from public funds of the governmental entity. Except as provided by Subsection (c) and Section 2274.003, a governmental entity may not enter into a contract with a company for the purchase of goods or services unless the contract contains a written verification from the company that it: (1) does not have a practice, policy, guidance, or direction that discriminates against a firearm entity or firearm trade association; and (2) will not discriminate during the term of the contract against a firearm entity or firearm trade association. Subsection (b) does not apply to a governmental entity that (1) contracts with a sole-source provider; or (2) does not receive any bids from a company that is able to provide the written verification required by that subsection.

VENDOR ACKNOWLEDGEMENT: _____ Authorized Representative of Vendor

CERTIFICATION OF SECTION 2274 TEXAS GOVERNMENT CODE

Pursuant to Texas Government Code Chapter 2272, Midlothian ISD is prohibited from contracting with any abortion provider or an affiliate of an abortion provider whereby the provider or affiliate receives something of value derived from state or local tax revenue. Any contract entered into by Midlothian ISD is void if the prospective vendor has such a prohibited affiliation or contractual relationship. By submitting a bid or contracting with Midlothian ISD, you are certifying to Midlothian ISD that you do not have such an affiliation or contractual relationship.

VENDOR ACKNOWLEDGEMENT: _____ Authorized Representative of Vendor

CERTIFICATION OF SECTION 2274 TEXAS GOVERNMENT CODE

Vendor is prohibited from entering into a contract or other agreement relating to critical infrastructure that would grant direct or remote access to or control of critical infrastructure in this state, excluding access specifically allowed by the vendor for product warranty and support purposes. Vendor, certifies that neither it nor its parent company nor any affiliate of vendor or its parent company, is (1) owned by or the majority of stock or other ownership interest of the company is held or controlled by individuals who are citizens of China, Iran, North Korea, Russia, or a designated country; (2) a company or other entity, including governmental entity, that is owned or controlled by citizens of or is directly controlled by the government of China, Iran, North Korea, Russia, or a designated country; or (3) headquartered in China, Iran, North Korea, Russia, or a designated country. For purposes of this contract, "critical infrastructure" means "a communication infrastructure system, cybersecurity system, electric grid, hazardous waste treatment system, or water treatment facility." See TEX. GOV'T CODE § 2274.0101(2) of SB 1226 (87th leg.). The vendor verifies and certifies that vendor will not grant direct or remote access to or control of critical infrastructure, except for product warranty and support purposes, to prohibited individuals, companies, or entities, including governmental entities, owned, controlled, or headquartered in China, Iran, North Korea, Russia, or a designated country, as determined by the Governor.

VENDOR ACKNOWLEDGEMENT: _____ Authorized Representative of Vendor

Vendor agrees to comply with all federal, state, and local laws, rules, regulations and ordinance applicable. It is further acknowledged that vendor certifies compliance with all provisions, law regulations, etc. as specifically noted above.

Company Name:	
Federal Tax ID #:	
City, State, Zip:	
Phone Number:	
Printed Name of Authorized Representative:	
Title of Authorized Representative:	
Email Address:	
Signature of Authorized Representative:	
Date Signed:	

CONFLICT OF INTEREST

Effective January 1, 2006, any person or entity who contracts or seeks to contract with MISD for the sale or purchase of property, goods, or services (as well as agents of such persons) (hereafter referred to as Vendors) are required to file a Conflict of Interest Questionnaire with the District. Each covered person or entity who seeks to or who contracts with MISD is responsible for complying with any applicable disclosure requirements. Forms received by the District become public records immediately and the law requires school districts that maintain web sites to place these records on the District's web site.

The Conflict of Questionnaire must be filed no later than the seventh business day after the date that the vendor begins contract discussions or negotiations with the government entity, or submits to the entity an application, response to a request for proposal or bid, correspondence, or other writing related to a potential agreement with the entity.

The vendor also shall file an updated questionnaire not later than September 1 of each year in which a covered transaction is pending, and the seventh day after the date of an event that would make a statement in the questionnaire incomplete and inaccurate.

Note: A vendor is not required to file an updated questionnaire if the person had filed an updated statement on or after June 1, but before September 1 of the year.

Completed forms should be sent to Midlothian Independent School District Purchasing Department, 100 Walter Stephenson Rd, Midlothian, Texas 76065. Forms are available from the Texas Ethics Commission website.

The Midlothian ISD website provides a list of Local Government Officers, Superintendent and other Personnel

IRS FORM W9

This is a required form by the IRS for government entities that pay vendors in excess of \$600.00 annually in order to issue a 1099 form and is required in conjunction with the reporting requirements by the Internal Revenue Service. Please include a current W9 with vendor's response.



MIDLOTHIAN INDEPENDENT SCHOOL DISTRICT PROPOSER/VENDOR CERTIFICATION FORMS FEDERAL REGULATIONS FOR CONTRACTS, UNITED STATES DEPARTMENT OF AGRICULTURE

CFR 200 Federal Purchase Notice: Required Federal contract provisions of Federal Regulations for Contracts with Midlothian ISD (MISD) for purchases under USDA for purchases in conjunction with the National School Lunch Program, School Breakfast Program, and Summer Feeding Program. The following provisions are required to be in place and agreed if the procurement is funded with federal funds. MISD is the sub grantee or sub recipient. In addition to other provisions required by the Federal agency or non-Federal agency, all contracts made by the non-Federal entity under the Federal award must contain provisions covering the following, as applicable.

(A) Contracts for more than the simplified acquisition threshold, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 U.S.C. 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate. Pursuant to Federal Rule, when federal funds are expended by Midlothian ISD, Midlothian ISD reserves all rights and privileges under the applicable laws and regulations with respect to this procurement in the event of breach of contract by either party.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

(B) Termination for cause and for convenience by the grantee or sub-grantee including the manner by which it will be effected and the basis for settlement. (All contracts in excess of \$10,000). Pursuant to Federal Rule, when federal funds are expended by Midlothian ISD, Midlothian ISD reserves the right to immediately terminate any agreement in excess of \$10,000 resulting from this procurement process in the event of a breach or default of the agreement by Vendor, in the event vendor fails to: (1) meet schedules, deadlines, and/or delivery dates within the time specified in the procurement solicitation, contract, and/or a purchase order; (2) make any payments owed; or (3) otherwise perform in accordance with the contract and/or the procurement solicitation. Midlothian ISD also reserves the right to terminate the contract immediately, with written notice to vendor, for convenience, if Midlothian ISD believes, in its sole discretion that it is in the best interest of Midlothian ISD to do so. The vendor will be compensated for work performed and accepted and goods accepted by Midlothian ISD as of the termination date if the contract is terminated for convenience of Midlothian ISD. Any award under this procurement process is not exclusive and Midlothian ISD reserves the right to purchase goods and services from other vendors when it is in the best interest of Midlothian ISD.

Does vendor agree? YES _____ Initials of Authorized representative of vendor

(C) Equal Employment Opportunity. Except as otherwise provided under 41 CFR Part 60, all contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 must include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor." Pursuant to Federal Rule when federal funds are expended by Midlothian ISD on any federally assisted construction contract, the equal opportunity clause is incorporated by reference herein.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

(D) Davis-Bacon Act, as amended (40 U.S.C. 3141-3148). When required by Federal program legislation, all prime construction contracts in excess of \$2,000 awarded by non-Federal entities must include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, contractors must be required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor. In addition, contractors must be required to pay wages not less than once a week. The non-Federal entity must place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation. The decision to award a contract or subcontract must be conditioned upon the acceptance of the wage determination. The non-Federal entity must report all suspected or reported violations to the Federal awarding agency. The contracts must also include a provision for compliance with the Copeland "Anti-Kickback" Act (40 U.S.C. 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or sub-recipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled. The non-Federal entity must report all suspected or reported violation to the Federal awarding agency. Pursuant to Federal Rule, when federal funds are expended by Midlothian ISD, during the term of an award for all contracts and sub-grants for construction or repair, the vendor will be in compliance with all applicable Davis-Bacon Act provisions.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

(E) Contract Work Hours and Safety Standards Act (40 U.S.C. 3701-3708). Where applicable, all contracts awarded by the non-Federal entity in excess of \$100,000 that involve the employment of mechanics or laborers must include a provision for compliance with 40 U.S.C. 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 U.S.C. 3702 of the Act, each contractor must be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week. The requirements of 40 U.S.C. 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence. Pursuant to Federal Rule, when federal funds are expended by Midlothian ISD, the vendor certifies that during the term of an award for all contracts by Midlothian ISD resulting from this procurement process, the vendor will be in compliance with all applicable provisions of the Contract Work Hours and Safety Standards Act.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

(F) Rights to Inventions Made Under a Contract or Agreement. If the Federal award meets the definition of "funding agreement" under 37 CFR §401.2 (a) and the recipient or sub-recipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or sub-recipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency. Pursuant to Federal Rule, when federal funds are expended by Midlothian ISD, the vendor certifies that during the term of an award for all contracts by Midlothian ISD resulting from this procurement process, the vendor agrees to comply with all applicable requirements as reference in the Federal Rule above.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

(G) Clean Air Act (42 U.S.C. 7401-7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251-1387), as amended. Contracts and sub-grants of amounts in excess of \$150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401-7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251- 1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA). Pursuant to Federal Rule, when federal funds are expended by Midlothian ISD, the vendor certifies that during the term of an award for all contracts by Midlothian ISD resulting from this procurement process, the vendor agrees to comply with all applicable requirements as referenced in Federal Rule.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

(H) Debarment and Suspension (Executive Orders 12549 and 12689). A contract award (see 2 CFR 180.220) must not be made to parties listed on the government-wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR part 1986 Comp., p. 189) and 12689 (3 CFR part 1989 Comp., p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549. Pursuant to Federal Rule, when federal funds are expended by Midlothian ISD, the vendor certifies that during the term of an award for all contracts by Midlothian ISD resulting from this procurement process, the vendor certifies that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

(I) Byrd Anti-Lobbying Amendment (31 U.S.C. 1352). Contractors that apply or bid for an award exceeding \$100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier-to-tier up to the non-Federal award. Pursuant to Federal Rule, when federal funds are expended by Midlothian ISD, the vendor certifies that during the term and after the awarded term of an award for all contracts by Midlothian ISD resulting from this procurement process, the vendor certifies that it is in compliance with all applicable provisions of the Byrd Anti-Lobbying Amendment (31 U.S.C. 1352). The undersigned further certifies that:

- (1) No Federal appropriated funds have been paid or will be paid for on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with the awarding of a Federal contract, the making of a Federal grant, the making of a Federal loan, the entering into a cooperative agreement, and the extension, continuation, renewal, amendment, or modification of a Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of congress, or an employee of a Member of Congress in connection with this Federal grant or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL "Disclosure Form to Report Lobbying", in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all covered sub-awards exceeding \$100,000 in Federal funds at all appropriate tiers and that all sub-recipients shall certify and disclose accordingly.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

(J) Civil Rights/Discrimination. When federal funds are expended by MISD requires that the proposer certify that during the term of an award by the MISD resulting for this procurement process the vendor will be in compliance with mandatory standards and policies relating to Title VI of the Education Amendments of 1972; Section 504 of the Rehabilitation Act of 1973; the Age Discrimination Act of 1975; Title 7 CFR Parts 15, 15a, and 15b; the Americans with Disabilities Act; and FNS Instruction 113-1, Civil Rights Compliance and Enforcement – Nutrition Programs and Activities.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

(K) Procurement of Recovered Materials. When federal funds are expended, the District and its contractors must comply with section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act. The requirements of Section 6002 include: (1) procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds \$10,000 or the value of the quantity acquired during the preceding fiscal year exceeded \$10,000; (2) procuring solid waste management services in a manner that maximizes energy and resource recovery; and (3) establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

(L) Domestic preferences for procurements. (a) As appropriate and to the extent consistent with law, the non-Federal entity should, to the greatest extent practicable under a Federal award, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States (including but not limited to iron, aluminum, steel, cement, and other manufactured products). The requirements of this section must be included in all sub-awards including all contracts and purchase orders for work or products under this award. (b) For purposes of this section: (1) "Produced in the United States" means, for iron and steel products, that all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States. (2) "Manufactured products" means items and construction materials composed in whole or in part of non-ferrous metals such as aluminum; plastics and polymer-based products such as polyvinyl chloride pipe; aggregates such as concrete; glass, including optical fiber; and lumber. Pursuant to the Federal Rule, vendor certifies that it will, to the greatest extent practicable, enter into contracts with the District with items produced within the United States, as outlined above, and will include this requirement in any sub-awards for any District contract that is entered into.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

(M) Prohibition on certain telecommunications and video surveillance services or equipment. Federal grant funds may not be used to purchase equipment, services, or systems that use "covered telecommunications" equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. "Covered telecommunications" means purchases from Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities), and video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities). Pursuant to Federal Rule, when federal funds are expended by the District, vendor certifies, by signing this document, vendor will not purchase equipment, services, or systems that use "covered telecommunications", as defined by 2 CFR §200.216, equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

CERTIFICATION OF COMPLIANCE WITH S/B/WBE/LABOR SURPLUS

Contracting with small and minority businesses, women's business enterprises, and labor surplus area firms. The non-federal entity and contractor must take all necessary affirmative steps to assure that minority businesses, women's business enterprises, and labor surplus area firms are used when possible.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

CERTIFICATION OF COMPLIANCE WITH TEXAS FAMILY CODE

Pursuant to Texas Family Code, Section 231.006, a child support obligor who is more than thirty (30) days delinquent in paying child support or a business entity in which the child support obligor is a sole proprietor, partner, shareholder, or owner with an ownership interest of at least twenty-five percent (25%) is not eligible to receive payments from State funds under a contract to provide property, materials, or services until all arrearages have been paid; the obligor is in compliance with a written repayment agreement or court order as to existing delinquency; or a court of continuing jurisdiction over the child support order has granted the obligor an exemption as part of a court-supervised effort to improve earnings and child support payments. The undersigned proposer certifies that he or she, as the proposing individual, or the proposing business entity named in this contract, bid or application, is not ineligible under Section 231.006 of the Texas Family Code, to receive the specified grant, loan or payment, and acknowledges that a contract resulting from this solicitation may be terminated and payment may be withheld if the certification provided herein is found to be inaccurate. NOTE: Owners not owing at least twenty-five (25%) of the business entity submitting this proposal need not exclude this certification and acknowledgement.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

CERTIFICATION OF COMPLIANCE WITH BUY AMERICA PROVISIONS

MISD has a preference for domestic end products for supplies acquired for use in the United States when spending federal funds (purchases that are made with non-federal funds or grants are excluded from the Buy America Act). Vendor certifies that it is in compliance with all applicable provisions of the Buy America Act.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

CERTIFICATION OF ACCESS TO RECORDS – 2 C.F.R. § 200.337

Vendor agrees that the District's Inspector General or any of their duly authorized representatives shall have access to any books, documents, papers and records of Vendor that are directly pertinent to Vendor's discharge of its obligations under the Contract for the purpose of making audits, examinations, excerpts, and transcriptions. The right also includes timely and reasonable access to Vendor's personnel for the purpose of interview and discussion relating to such documents.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

CERTIFICATION OF HEALTH AND SAFETY CERTIFICATIONS, LICENSING OR REGULATIONS

When federal funds are expended by MISD requires proposers to certify that during the term of an award by the MISD resulting from this procurement process, the vendor will follow mandatory standards and policies relating to observance of applicable local, state, or federal health and safety certifications, licensing, or regulations.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

RECORD RETENTION REQUIREMENTS FOR CONTRACTS PAID FOR WITH FEDERAL FUNDS – 2 CFR § 200.333

When federal funds are expended by Midlothian ISD for any contract resulting from this procurement process, the vendor certifies that it will comply with the record retention requirements detailed in 2 CFR § 200.333. The vendor further certifies that vendor will retain all records as required by 2 CFR § 200.333 for a period of three years after grantees or sub-grantees submit final expenditure reports or quarterly or annual financial reports, as applicable, and all other pending matters are closed.

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

CERTIFICATION OF COMPLIANCE WITH THE ENERGY POLICY AND CONSERVATION ACT

When federal funds are expended by Midlothian ISD for any contract resulting from this procurement process, the vendor certifies that the vendor will be in compliance with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).

Does vendor agree? YES _____ Initials of Authorized Representative of vendor

CERTIFICATION OF NON-COLLUSION STATEMENT

Vendor certifies under penalty of perjury that its response to this procurement solicitation is in all respects bona fide, fair, and made without collusion or fraud with any person, joint venture, partnership, corporation or other business or legal entity.

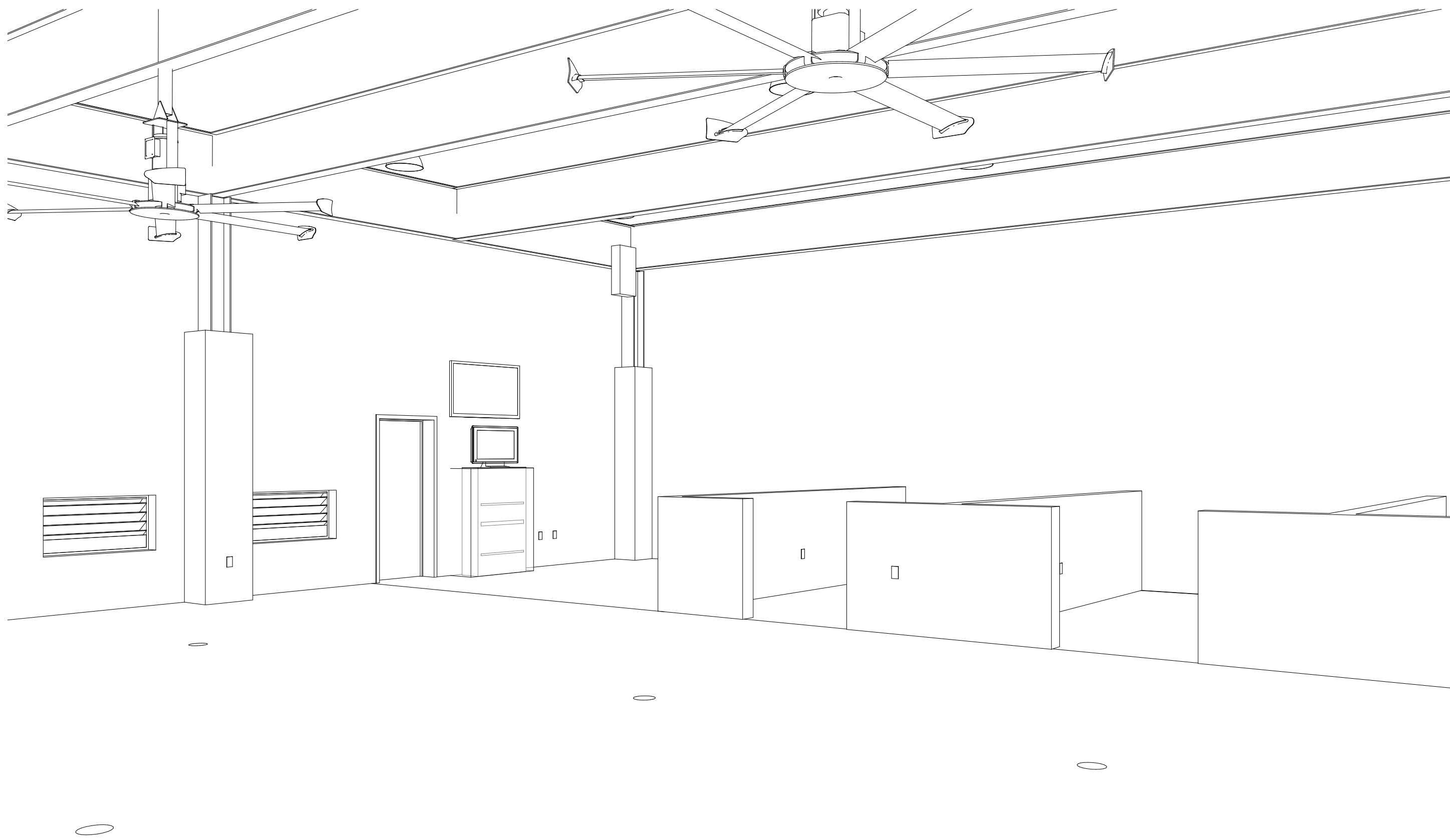
Does vendor agree? YES _____ Initials of Authorized Representative of vendor

.....

Vendor agrees to comply with all federal, state, and local laws, rules, regulations and ordinances, as applicable. It is further acknowledged that vendor certifies compliance with all provisions, laws, acts, regulations, etc. as specifically noted above.

Company Name:	
Federal Tax ID #:	
City, State, Zip:	
Phone Number:	
Printed Name of Authorized Representative:	
Title of Authorized Representative:	
Email Address:	
Signature of Authorized Representative:	
Date Signed:	

FRANK SEALE MIDDLE SCHOOL INDOOR GOLF FACILITY



ABBREVIATIONS LIST

AS DESCRIBED THE US NATIONAL CAD STANDARDS MODULE 4 TERMS AND ABBREVIATIONS, INCLUDING THE FOLLOWING:			
A/C	Air Conditioning/Conditioner	MAX	Maximum
AB	Anchor Bolt	MECH	Mechanical
ABC	Aggregate Base Course	MFR	Manufacturer
ACT	Acoustical Ceiling Tile	MO	Masonry Opening
AFF	Above Finish Floor	MIN	Minimum
ALT	Alternate	MISC	Miscellaneous
ALUM	Aluminum	MTL	Metal
BRG	Bearing	NIC	Not In Contract
BM	Beam	NTS	Not To Scale
BUR	Built up roof	OC	On Center
CI	Cast Iron	OD	Outside Diameter
CJ	Control Joint	OPP	Opposite
CL	Center Line	ORD	Overflow Roof Drain
CLG	Ceiling	PL	Property Line
CLR	Clear	PLAM	Plastic Laminate
CMU	Concrete Masonry Unit	PLMB	Plumbing
CO	Clean Out	PLYWD	Plywood
COL	Column	PWR	Power
CONC	Concrete	RD	Roof Drain
CONT	Continue	RO	Rough Opening
OPT	Carpet	S/S	Stainless Steel
CT	Ceramic Tile	SCHED	Schedule
DF	Drinking Fountain	SF	Square Foot
DIA	Diameter	SHT	Sheet
DIM	Dimension	SIM	Similar
DS	Downspout	SPEC	Specifications
DWG	Drawing	SQ	Square
ELEC	Electric	SS	Sanitary Sewer
EJ	Expansion Joint	STD	Standard
EL	Elevation	STRUCT	Structural
EQ	Equal	SUSP	Suspended
EXIST	Existing	T&G	Tongue and Groove
EXT	Exterior	TEMP	Temporary
FD	Floor Drain	TMPD	Temporary
FDC	Fire Department Connection	TOB	Top of Beam
FEC	Fire Extinguisher Cabinet	TOC	Top of Curb/Concrete
FIN FLR	Finished Floor	TOJ	Top of Joint
FIN GR	Finished Grade	TOM	Top of Masonry
FIN	Finish	TOS	Top of Steel
FLR	Floor	TOW	Top of Wall
GA	Gage	TYP	Typical
GAL	Galvanized	UGNG	Underground
GLU LAM	Glue Laminated Wood	UNO	Unless Noted Otherwise
GYP	Gypsum	VCT	Vinyl Composition Tile
GYP BD	Gypsum Board	VERT	Vertical
HB	Hose Bibb	WC	Water Closet
HORIZ	Horizontal	WD	Wood
HVAC	Heating/Ventilating/Air Conditioning	WH	Water Heater
ID	Inside Diameter	WWF	Welded Wire Fabric
INFO	Information		
INT	Interior		
LAV	Lavatory		
LLH	Long Leg Horizontal		
LLV	Long Leg Vertical		
LVR	Louver		

TYPICAL SYMBOLS LEGEND

NORTH ARROW	
BUILDING SECTION	
WALL SECTION	
DETAIL BUBBLE	
EXTERIOR ELEVATION	
INTERIOR ELEVATION	
DOOR TAG	
SHEET KEYNOTE	
REFERENCE KEYNOTE	
WALL TAG	
WINDOW TAG	
REVISION	
ROOM NAME & NUMBER	

CONTACT INFORMATION

SALAS O'BRIEN - MEP
106 DECKER DR.
SUITE 200IRVING, TEXAS 75062
CONTACT: JUSTICE POPE
OFFICE PHONE: 972-812-1270
CELL PHONE: 972-349-0801
EMAIL: E.justice.pope@salasobrien.com

VACINITY MAP



PROJECT LOCATION
700 George Hopper Rd.
Midlothian, TX 75065

SHEET INDEX

GENERAL

SHEET #	DESCRIPTION	REV. DELTA #	REV. DATE
G-001	TITLE SHEET		

ARCHITECTURAL

SHEET #	DESCRIPTION	REV. DELTA #	REV. DATE
AS101	ARCHITECTURAL SITE PLAN		
AS102	ENLARGED SITE PLAN		
A-101	FLOOR PLAN AND DEMOLITION FLOOR PLAN		
A-102	REFLECTIVE CEILING PLAN AND FINISH FLOOR PLAN		
A-202	INTERIOR ELEVATIONS		
A-402	SPECIFICATIONS		

ELECTRICAL

SHEET #	DESCRIPTION	REV. DELTA #	REV. DATE
E-101	ELECTRICAL FLOOR PLAN		
E-102	ELECTRICAL SHEET SPECS		

MECHANICAL

SHEET #	DESCRIPTION	REV. DELTA #	REV. DATE
M-101	MECHANICAL FLOOR PLAN		

TECHNOLOGY

SHEET #	DESCRIPTION	REV. DELTA #	REV. DATE
T-200	TECHNOLOGY FLOOR PLAN		
T-201	TECHNOLOGY SHEET SPECIFICATION		

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FRANK SEALE MIDDLE SCHOOL INDOOR GOLF FACILITY

700 GEORGE HOPPER RD, MIDLOTHIAN, TX 75065

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MIDLOTHIAN ISD
100 WALTER STEPHENSON RD.
Midlothian, TX 76065

648-856-5000 T Jose Martinez
jose.martinez@midlothianisd.org

OWP PROJECT NO. DATE OF ISSUE
2022-079 02.27.2024

REVISIONS
DELTA DESCRIPTION DATE

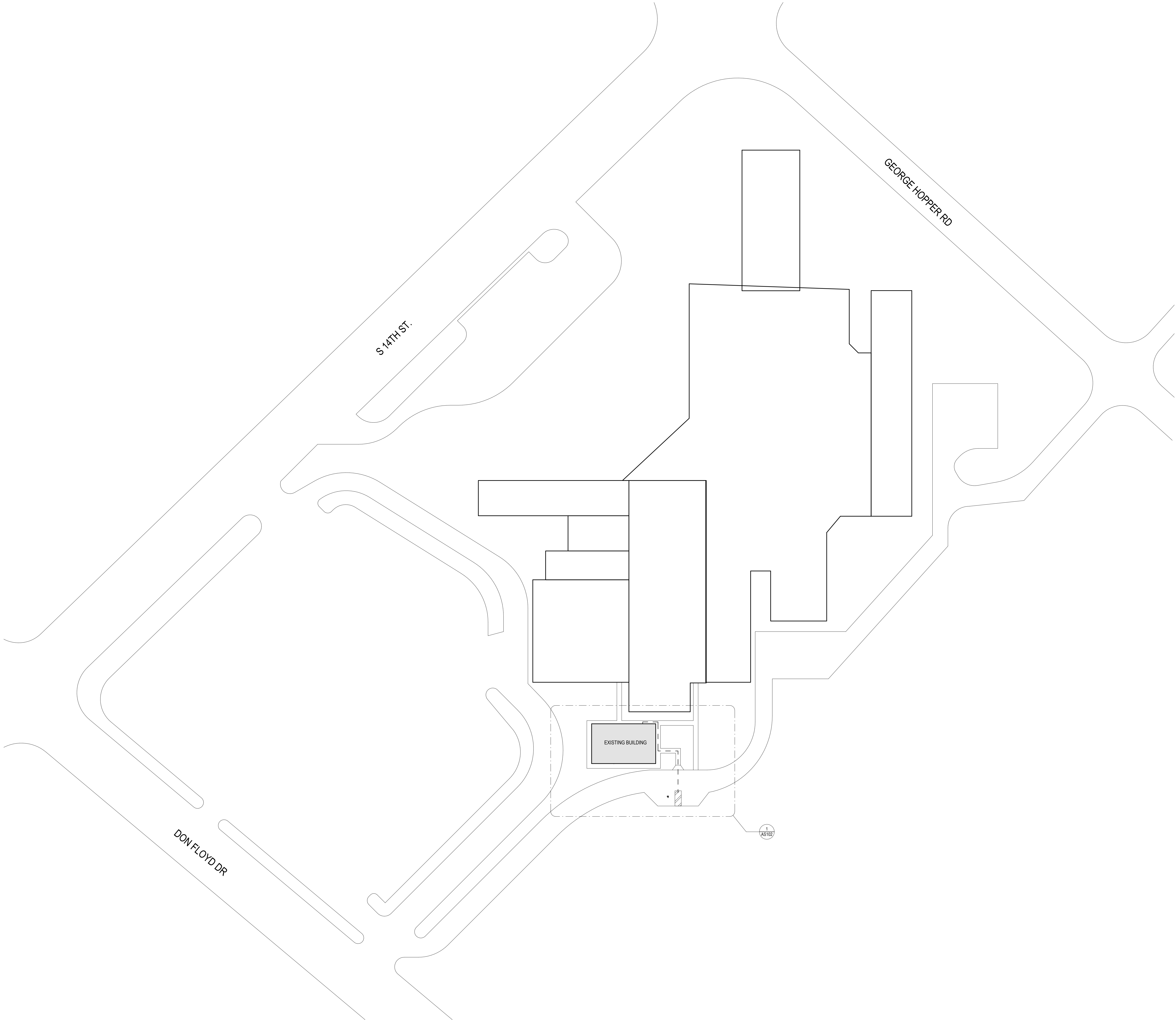
PROJECT TEAM DRAWN BY
Ed Studio EA

PROJECT PHASE
100% CD Package

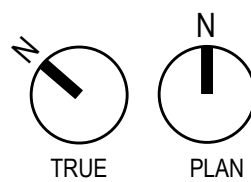
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TITLE SHEET

SHEET NO.
G-001
AGENCY NO.

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1 EXISTING SITE PLAN
1" = 50'-0"
0 1 2



GENERAL SHEET NOTES

- A. Contractor shall visit the site and verify all quantities and items that are required to be removed prior to submittal of this proposal.
- B. Slope all grades and pavement away from building(s) to provide positive drainage, unless noted otherwise.
- C. Finish grade at sidewalks, buildings, etc., as required to provide smooth transition to grade.
- D. Angles indicated are 45 degrees unless noted otherwise.
- E. Construction debris shall be removed from the site on a continuing basis for the duration of construction.
- F. Concrete walks shall have expansion joints at a maximum spacing of 20 feet O.C. and control joints at 5 feet O.C., unless noted otherwise.
- G. Should slopes of greater than 1:20 (5%) occur at pavement locations, notify architect immediately.
- H. Dimensions are to outside face of stem walls/foundations unless noted otherwise.
- I. All areas disturbed by construction, staging, etc. shall be restored to their original condition by the General Contractor. General Contractor is responsible for documenting original condition.

ARCHITECTURAL SITE PLAN LEGEND

- EXISTING CONCRETE CURB
- EXISTING CONCRETE SIDEWALK

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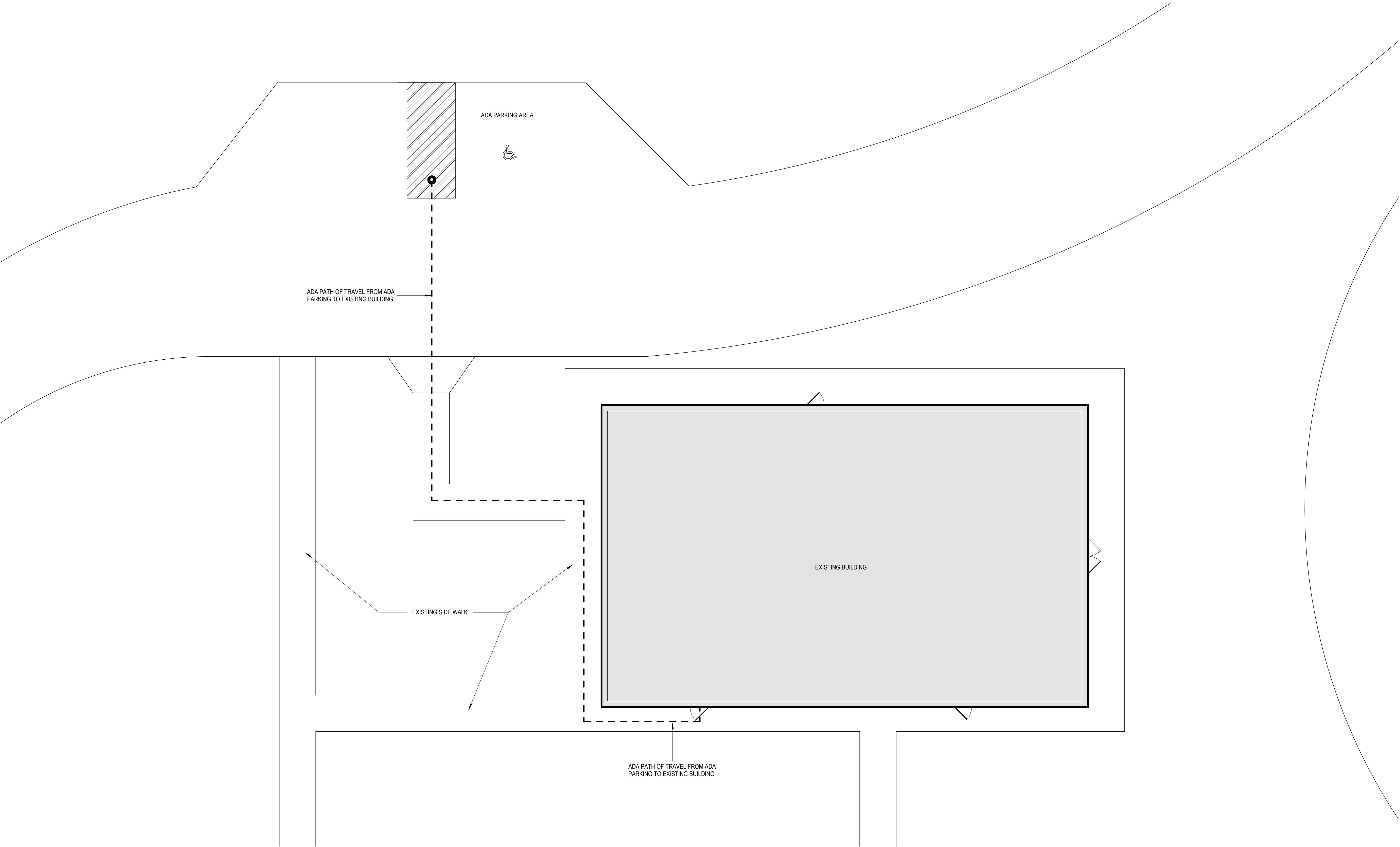
PROJECT TEAM Ed Studio
DRAWN BY EA

PROJECT PHASE
100% CD Package

SHEET CONTENTS
ARCHITECTURAL SITE PLAN

SHEET NO.
AS101
AGENCY NO.

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1

1/8" = 1'-0"

0

1'

2'

N

TRUE

N

PLAN

ENLARGED EXISTING SITE PLAN

DEMOLITION SITE PLAN GENERAL NOTES

A.

Perform all site preparation work, remove all materials, clear and grub site in accordance with the requirements of the Geotechnical Engineering Report.

B.

The Contractor is responsible for protecting all existing improvements to remain, and shall repair or replace them in kind to the satisfaction of the Owner and Architect if damaged, at no additional cost to the Owner.

C.

Contractor shall remove all existing vegetation, site improvements, etc. whether or not specifically indicated on the drawings to facilitate the completion of all required work. Contractor shall visit the site and verify all quantities and items required to be removed prior to bidding.

D.

Underground utilities may exist in locations other than those shown. Contractor shall take care to locate and protect underground utilities that are to remain in service.

DEMOLITION SITE PLAN LEGEND

EXISTING CONCRETE CURB TO REMAIN

EXISTING CONCRETE SIDEWALK TO REMAIN

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eleventh floor
phoenix, az 85012
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www.owp.com

REGISTERED ARCHITECT
BRITNEY C. HANLEY
19969
STATE OF TEXAS

11-30-2023

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INDOOR GOLF FACILITY

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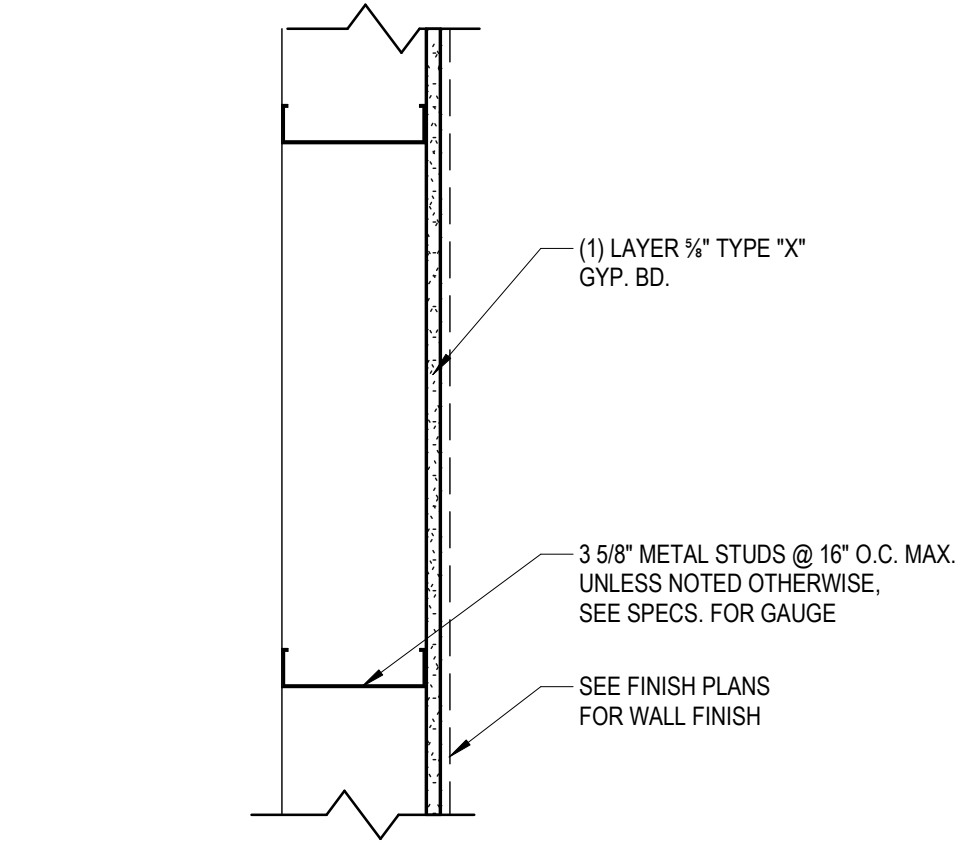
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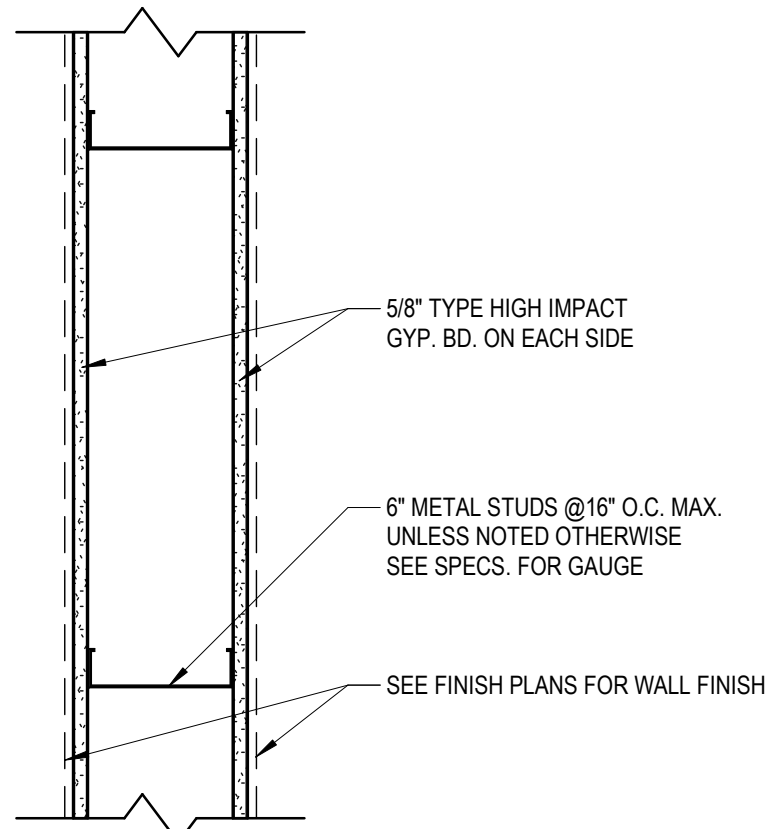
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SHEET CONTENTS
ENLARGED SITE PLAN

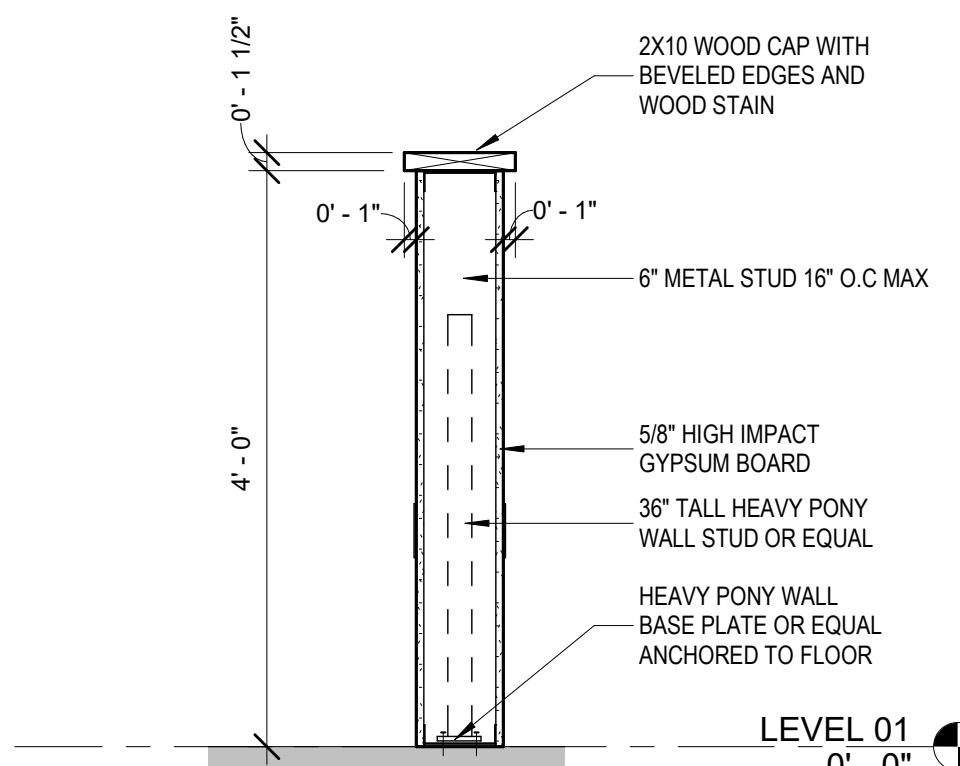
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AGENCY NO.



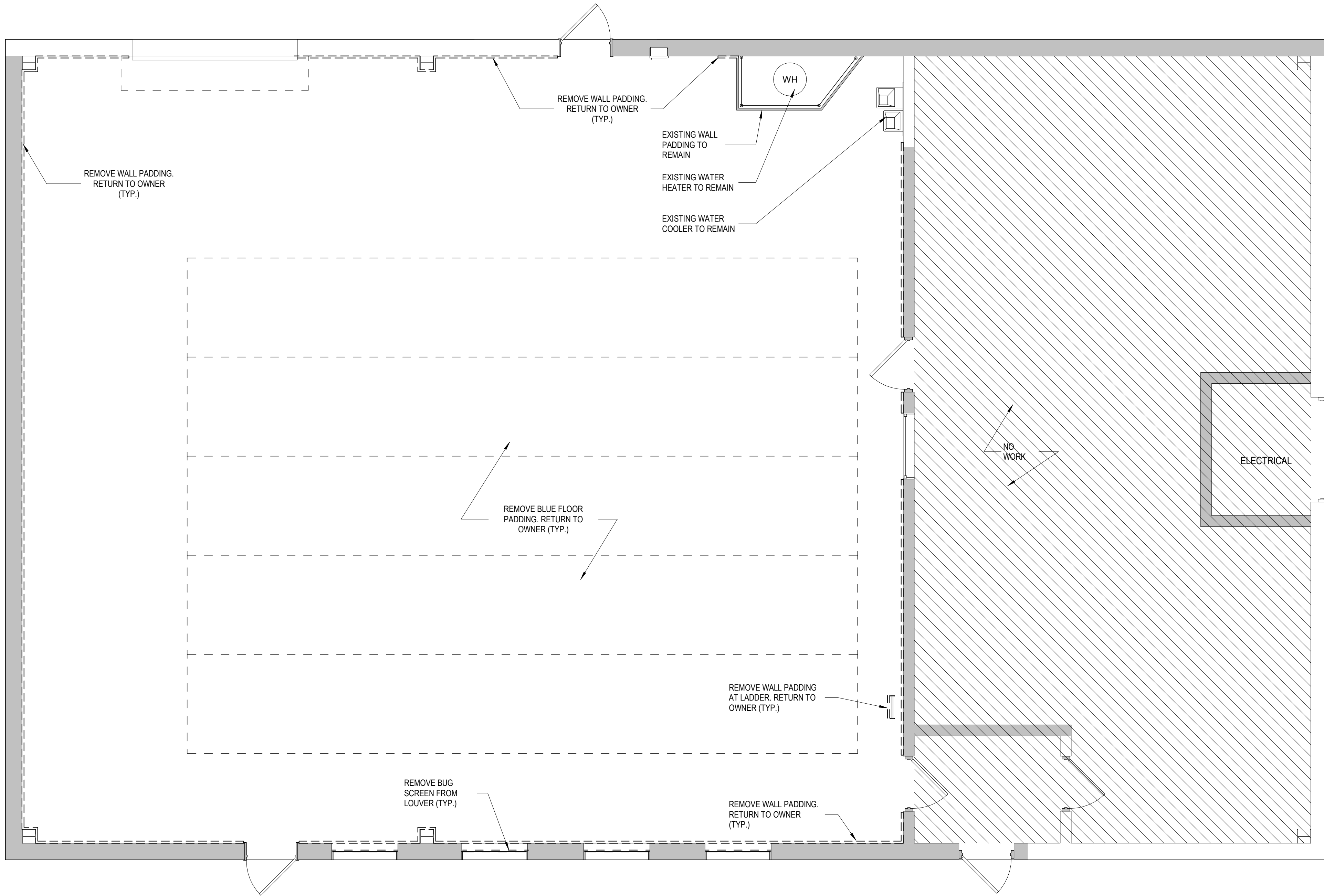
3 S-00 WALL PARTITION
1 1/2" = 1'-0"



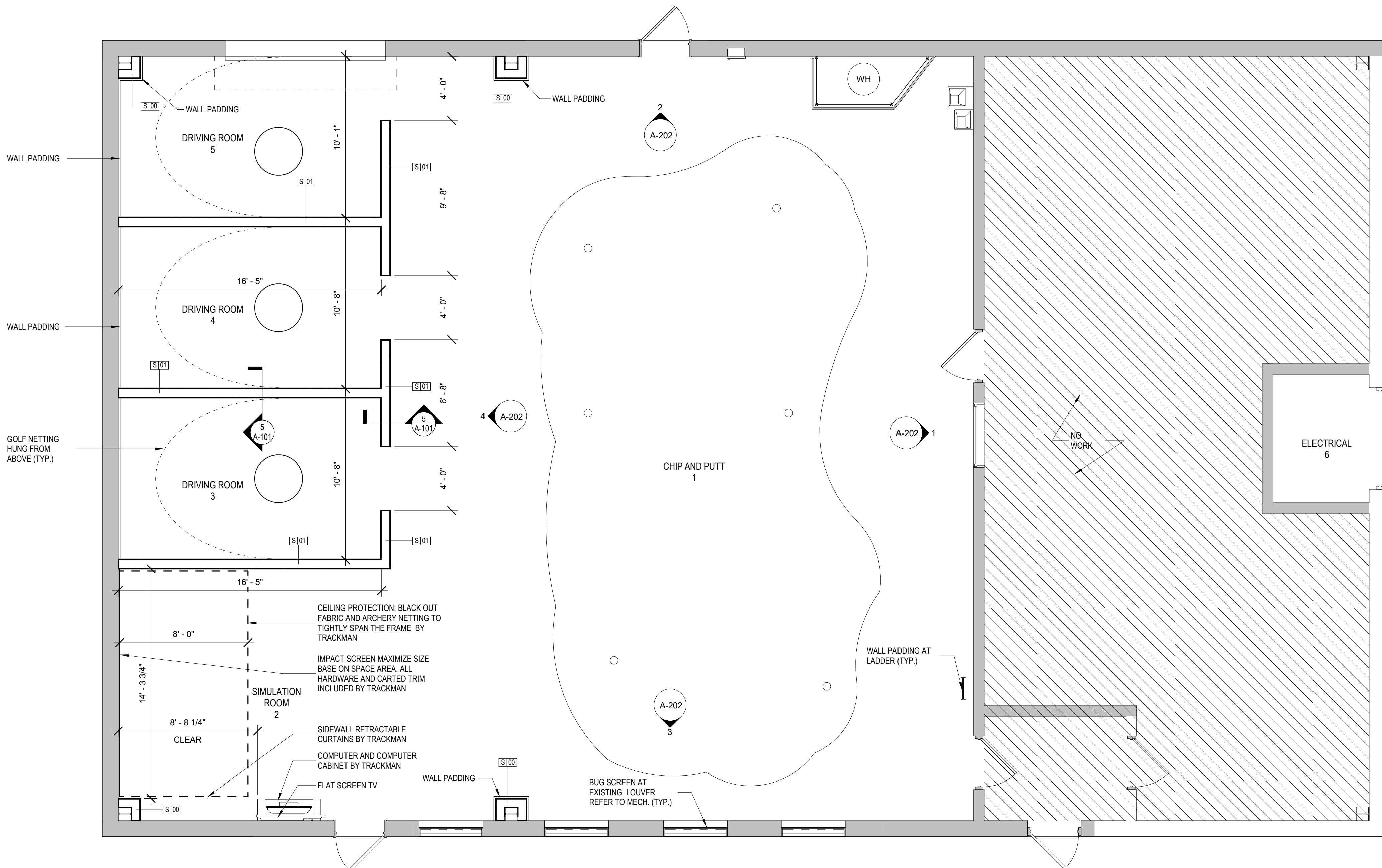
4 S-01 WALL PARTITION
1 1/2" = 1'-0"



5 WALL SECTION
3/4" = 1'-0" REF 2 / A-101



1 DEMOLITION FLOOR PLAN
1/4" = 1'-0" REF 5 / A-101



2 FLOOR PLAN
1/4" = 1'-0" REF 5 / A-101

GENERAL SHEET NOTES

- Keynotes and legends are typical for all floor plan sheets, and may not apply to each sheet.
- Dimensions are to face of masonry, metal studs and centerline of columns unless noted otherwise.
- See enlarged floor plans and details for specific locations.
- Field verify all dimensions prior to fabrication of any cabinetry, frames, structural items, etc.
- All guardrails and handrails shall be fabricated and installed in accordance with applicable codes, regulations, and AHJ.
- Verify and coordinate all requirements for owner furnished items, prior to performance of any work that is to accommodate and interface with such items.
- All angles are increments of 45 degrees unless noted otherwise.
- Provide "Fry" reveal FDM 625-75 or equal at all gypsum board to masonry or concrete transitions.
- All frame walls to be Type S-01 and all furring walls to be S-00 unless noted otherwise.

DEMOLITION NOTES

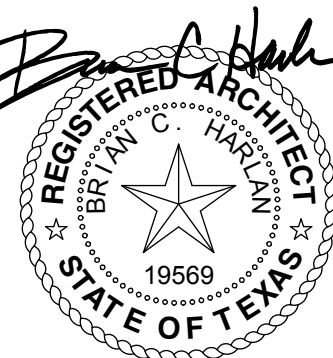
- Coordinate demolition with new construction. All demolition and repair necessary to accomplish new construction shall be included. Contractor shall remove all existing improvements whether or not specifically indicated on the drawings to facilitate the completion of all required work. Contractors shall visit the site and verify all quantities and items required to be removed.
- Where gypsum board is to remain, patch, tape and float portion of wall to match adjacent new finish.
- Contractor to coordinate demolition so all wiring, conduit, equipment, etc. to remain is not damaged. Certain items may be temporarily removed and replaced later during course of restoration. General Contractor will be required to incorporate this work into their schedule. The systems may include, but are not limited to the following: EMS/controls, electrical power and lighting, data, audiovisual, security, intercom, CATV, etc. Contractor to tag and loop wire to remain back to control panels, typical.
- Any plumbing to be demolished shall have piping terminated above finished ceiling, below finished floor, and behind finished walls. All drain/waste/vent piping to be capped and sealed at all openings per requirements of AHJ.
- Remove floor and wall covering typical throughout areas of demolition (UNO) and any other areas as affected by demolition/new construction. Parge, float and/or prepare floor and wall surfaces to receive new finishes.
- Contractor shall coordinate any shutdown required during demolition with Owner.
- Contractor to maintain or repair fire and smoke ratings of existing floor, roof and wall assemblies throughout.

WALL & PARTITION GENERAL NOTES

- All penetrations at smoke and fire rated assemblies shall be protected, sealed, and dampened, using only UL or ICC-ES approved methods, materials and installation, as required to maintain the assembly's rating and smoke resistance. All materials and installation details shall conform to the UL listings for "through penetration fire stop systems" where applicable. The Contractor shall submit shop drawing details, furnished by the manufacturer of the fire stop material, that show complete conformance to the UL Listing, and such drawings shall be available to the Fire or Building Inspectors on-site. The drawings shall be specific for each penetration type.
- All backing support for wall mounted items shall be 16 gauge min. metal strapping, UNO.
- Brace interior non-bearing walls to structure per Architectural Drawings.
- All light gauge metal framing shall be installed in strict accordance with ASTM 754 "Standard Specifications for Installation of Steel Framing Members".

FLOOR PLAN LEGEND

EXISTING WALLS



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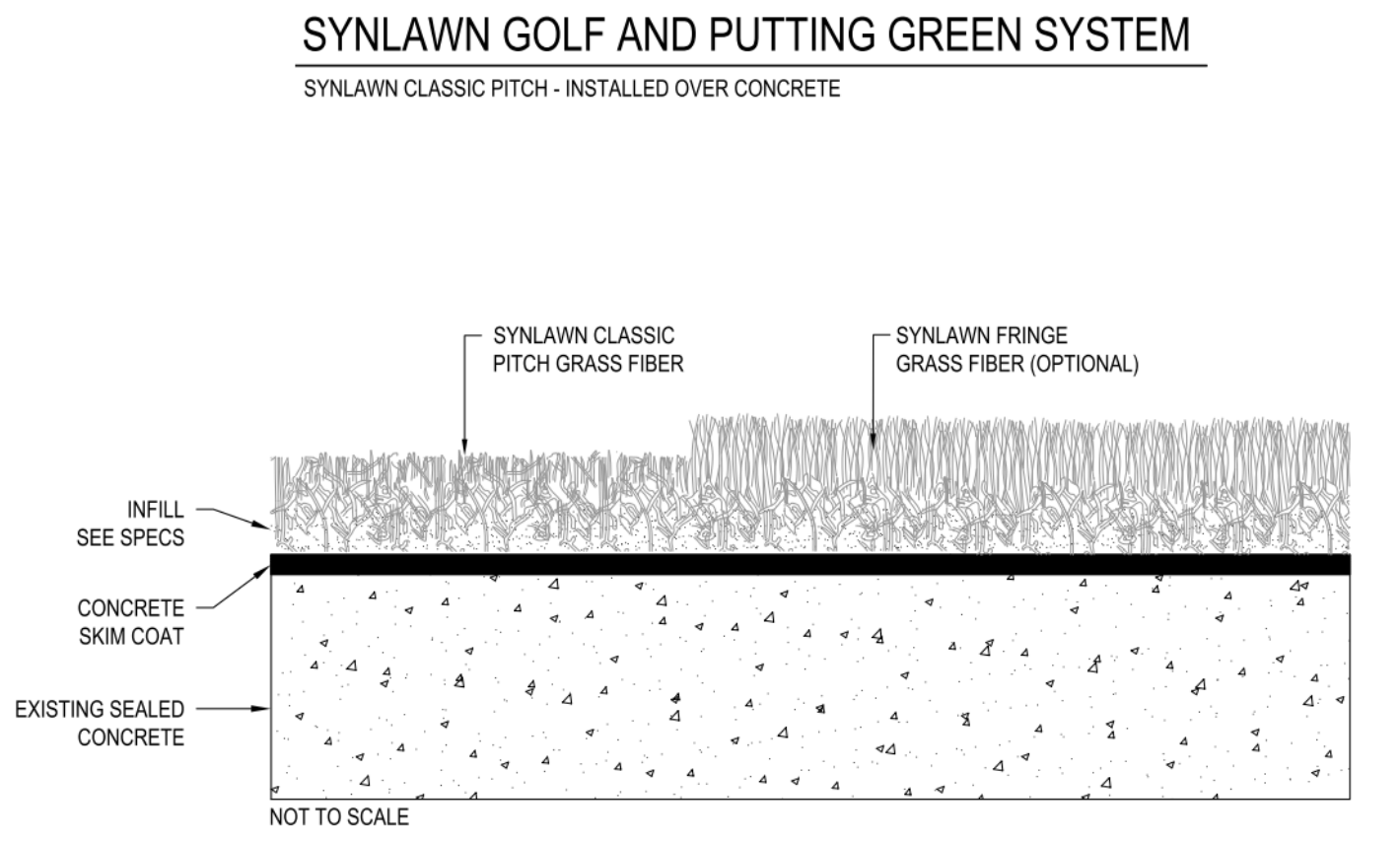
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SHEET CONTENTS
FLOOR PLAN AND
DEMOLITION FLOOR PLAN

SHEET NO.
A-101
AGENCY NO.

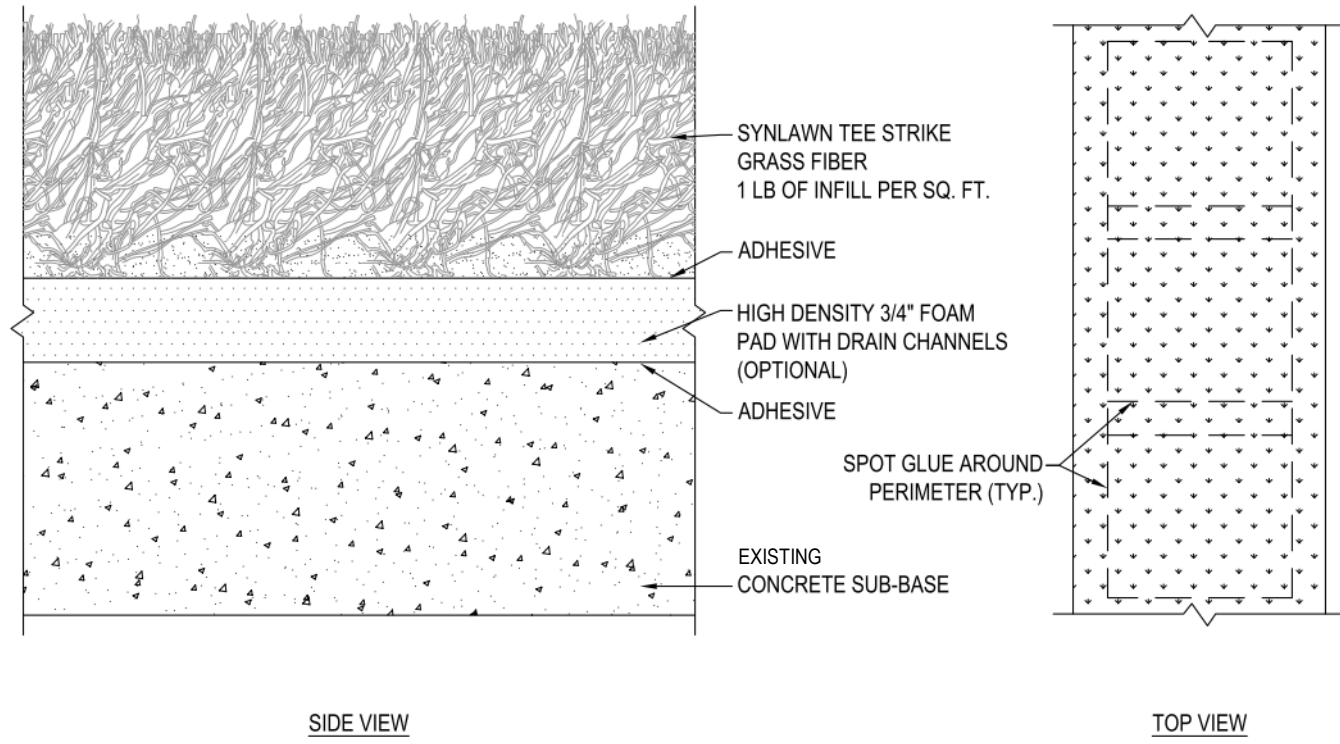
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- MANUFACTURER NOTES:
1. THE GRASS MUST BE INSTALLED AND SEALED WITH ADJACENT PIECES RUNNING IN THE SAME DIRECTION; SEAMS SHOULD BE GLUED WITH SUITABLE SEAMING GLUE AND SEAMING CLOTH; NOT ADHESIVE TAPE.
- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWING.
 3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
 4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
 5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 1437-137A.

3 SYNTHETIC LAWN DETAIL
1 1/2" = 1'-0" REF 2 / A-102

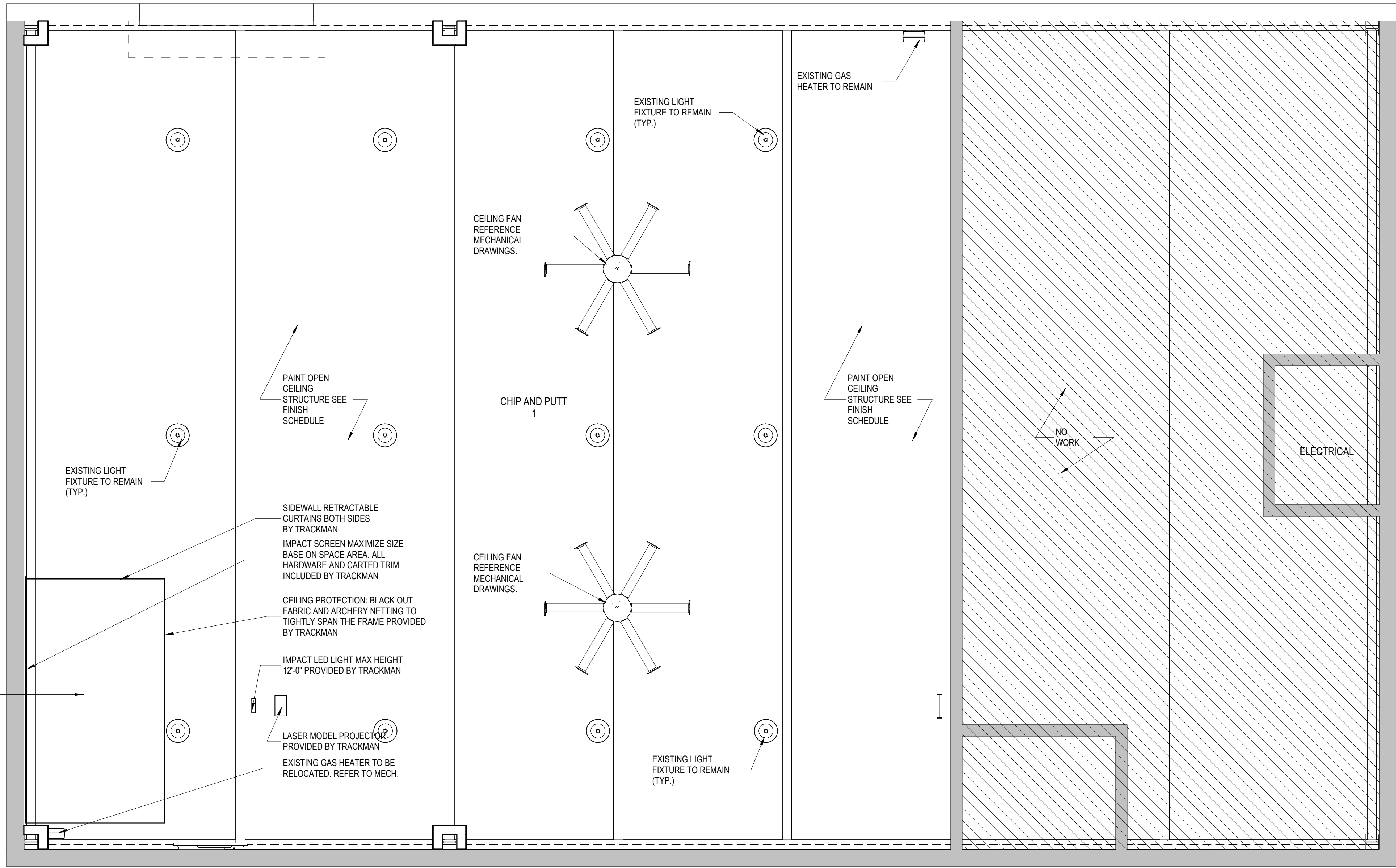
SYNLAWN GOLF TEE LINE SYSTEM
SYNLAWN TEE STRIKE INSTALLATION, USA



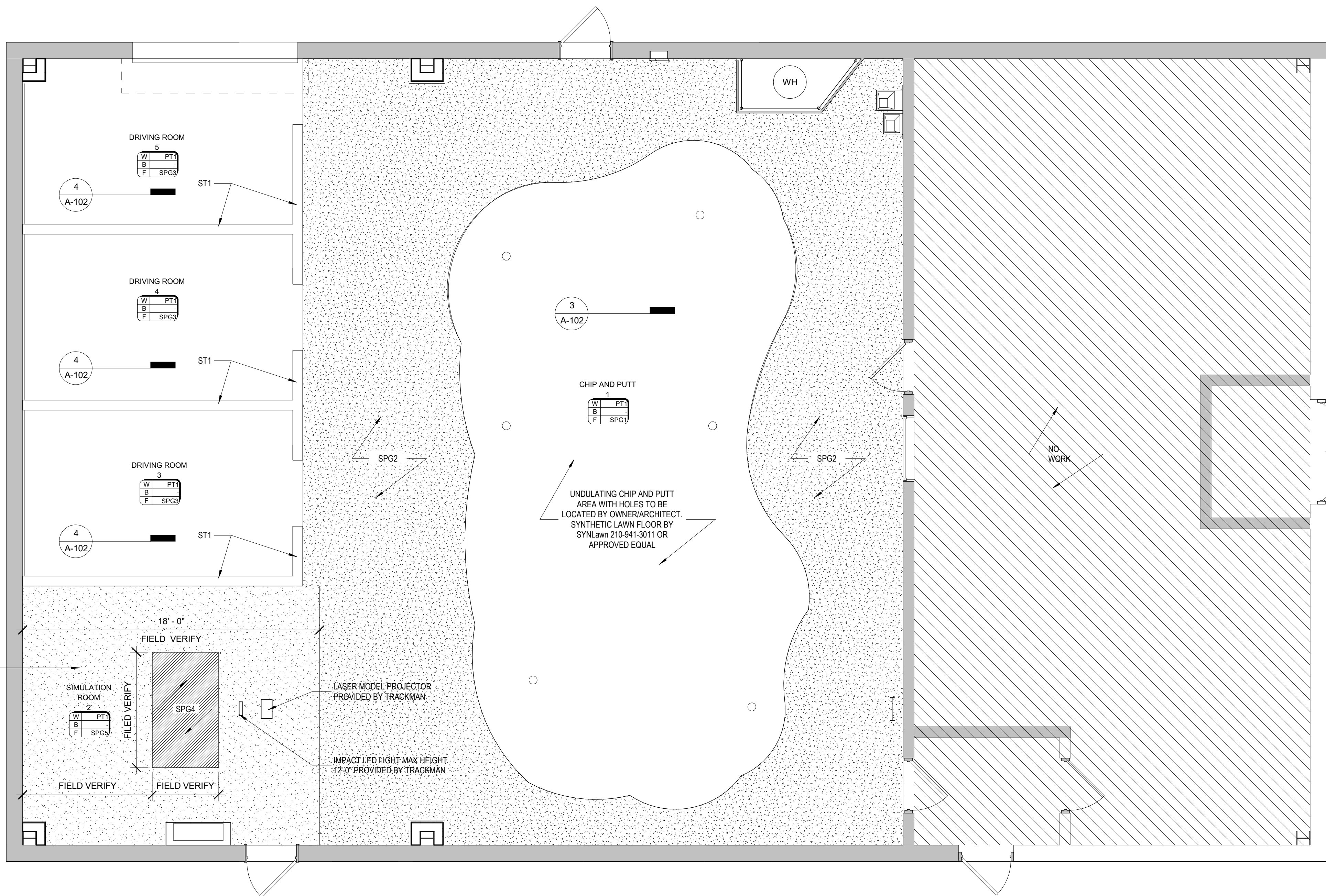
- RECOMMENDED GUIDELINES FOR TEE LINE INSTALLATION**
- RECOMMENDED WIDTH 12\"/>
- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWING.
 3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
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 5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 1437-438.

4 SYNTHETIC LAWN DETAIL
1 1/2" = 1'-0" REF 2 / A-102

SYNTHETIC LAWN FLOOR
BY TRACKMAN CONTACT
JOHN MULHOLLAND
EMAIL: jml@trackman.com
CELL: 972-814-5394



1 REFLECTIVE CEILING PLAN
1/4" = 1'-0" REF 5 / A-101



2 FINISH FLOOR PLAN
1/4" = 1'-0" REF 5 / A-101

GENERAL CEILING NOTES

- A. Ceilings and other suspended items shall be attached to structure by fully embedded or "shear" connection; pull out connections are not acceptable.
- B. Ceiling and soffit heights noted on Reflected Ceiling Plans, are above finish floor.
- C. Center all devices, sprinkler heads, etc. in ceiling tiles.

FLOOR PLAN LEGEND

EXISTING WALLS

FINISH SCHEDULE

WALLS:

PT1 - WALL PAINT
MANUFACTURER : SHERWIN WILLIAMS (OR EQUAL)
COLOR: SW _____ COLOR TO MATCH EXISTING
FINISH: EGG SHELL

CEILING:

PT2 - CEILING PAINT
MANUFACTURER : SHERWIN WILLIAMS (OR EQUAL)
COLOR: SW _____ COLOR TO MATCH EXISTING
FINISH: EGG SHELL

HOLLOW METAL AND ROLL UP DOORS AND DOOR FRAME ONLY:

PT3 - DOOR AND DOOR FRAME PAINT
MANUFACTURER : SHERWIN WILLIAMS (OR EQUAL)
COLOR: SW _____ MATCH EXISTING COLOR
FINISH: EGG SHELL

PONY WALL TRIM:

ST1 - TOP OF PONY WALL WOOD TRIM STAIN
MANUFACTURER: SHERWIN WILLIAMS MINWAX PERFORMANCE SERIES TINTABLE WOOD STAIN (OR EQUAL)
COLOR: MW433 AMBER PINE COLOR
FINISH: MATTE

FLOOR:

SPG1 - SYNTHETIC PUTTING GREEN
MANUFACTURER: SYNLAWN OR EQUAL
TYPE: GOLF AND PUTTING GREEN SYSTEM
COLOR: GREEN
SIZE: N/A

SPG2 - SYNTHETIC WALKING GREEN
MANUFACTURER: SYNLAWN OR EQUAL
TYPE: WALKING GOLF AND PUTTING SYSTEM
COLOR: GREEN
SIZE: N/A

SPG3 - SYNTHETIC WALKING GREEN
MANUFACTURER: SYNLAWN OR EQUAL
TYPE: GOLF TEE LINE SYSTEM (STRIKE)
COLOR: GREEN
SIZE: N/A

SPG4 - SYNTHETIC HITTING GREEN
MANUFACTURER: TRACKMAN OR EQUAL
TYPE: TEE LINE HITTING MATT (1 3/8\"/>

SPG5 - SYNTHETIC WALKING GREEN
MANUFACTURER: TRACKMAN OR EQUAL
TYPE: PUTTING TURF (3/8\"/>

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100% CD Package

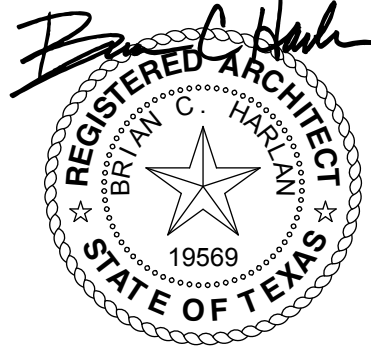
SHEET CONTENTS
REFLECTIVE CEILING PLAN
AND FINISH FLOOR PLAN

SHEET NO.

A-102

AGENCY NO.

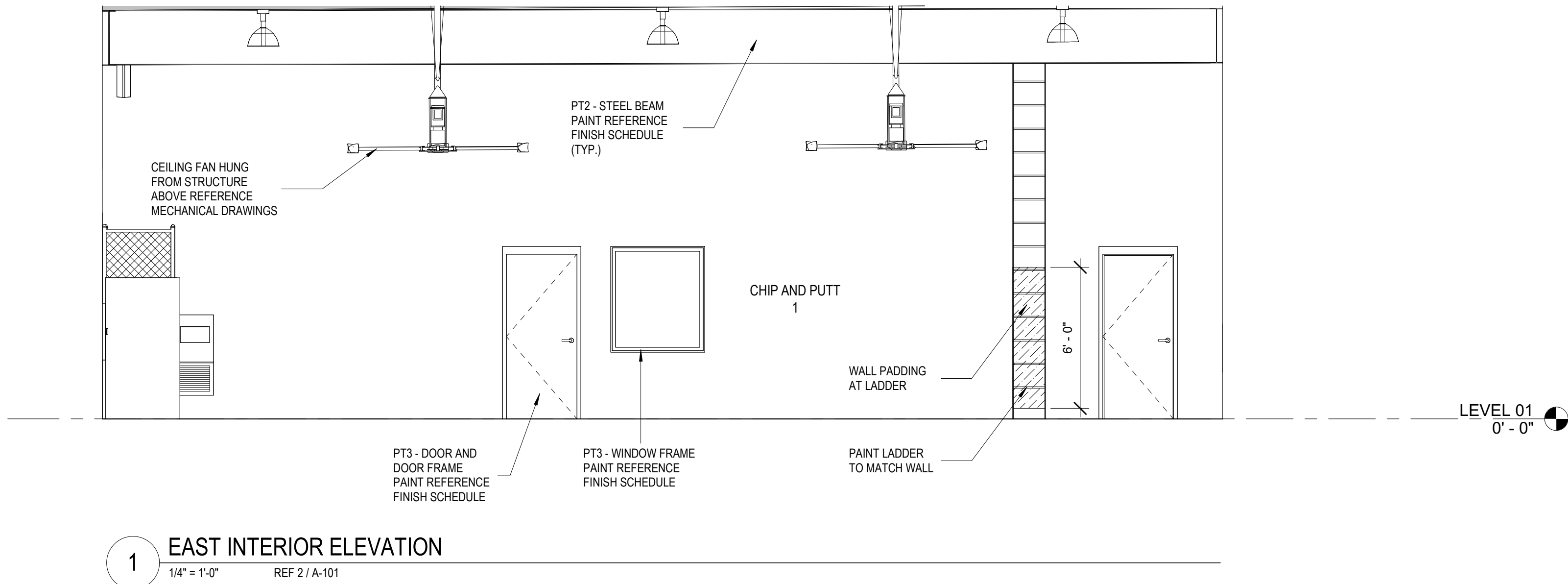
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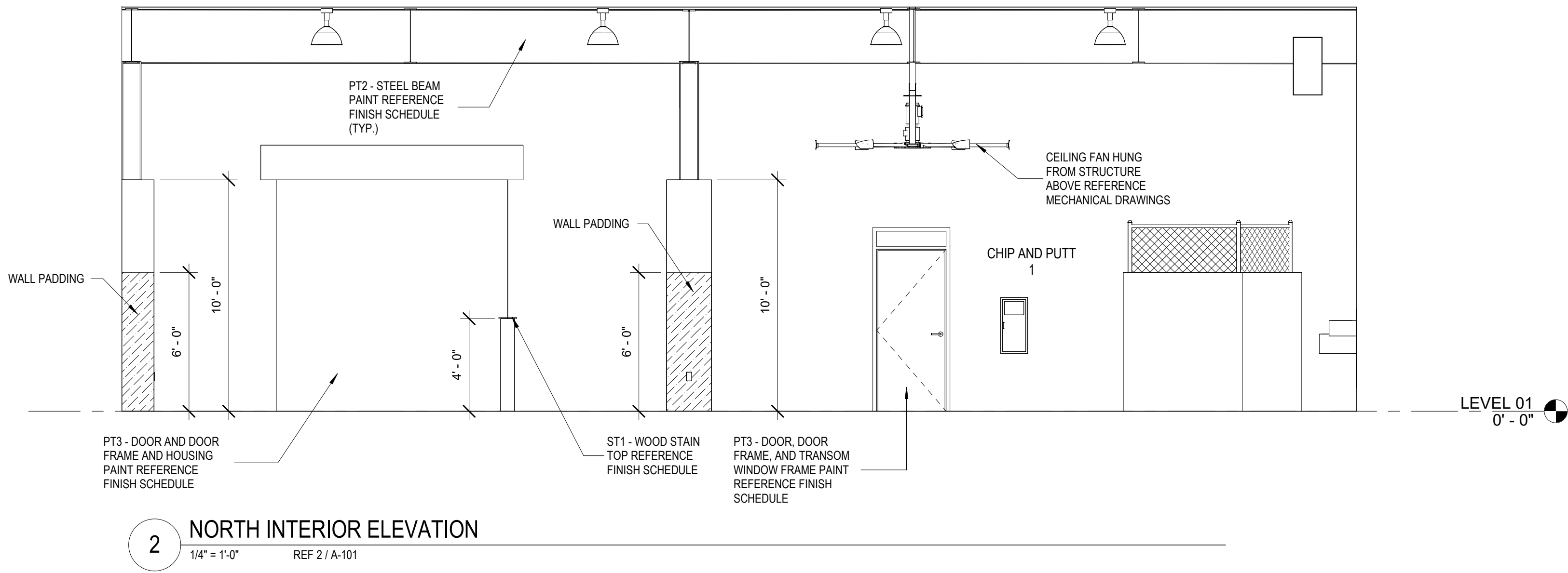
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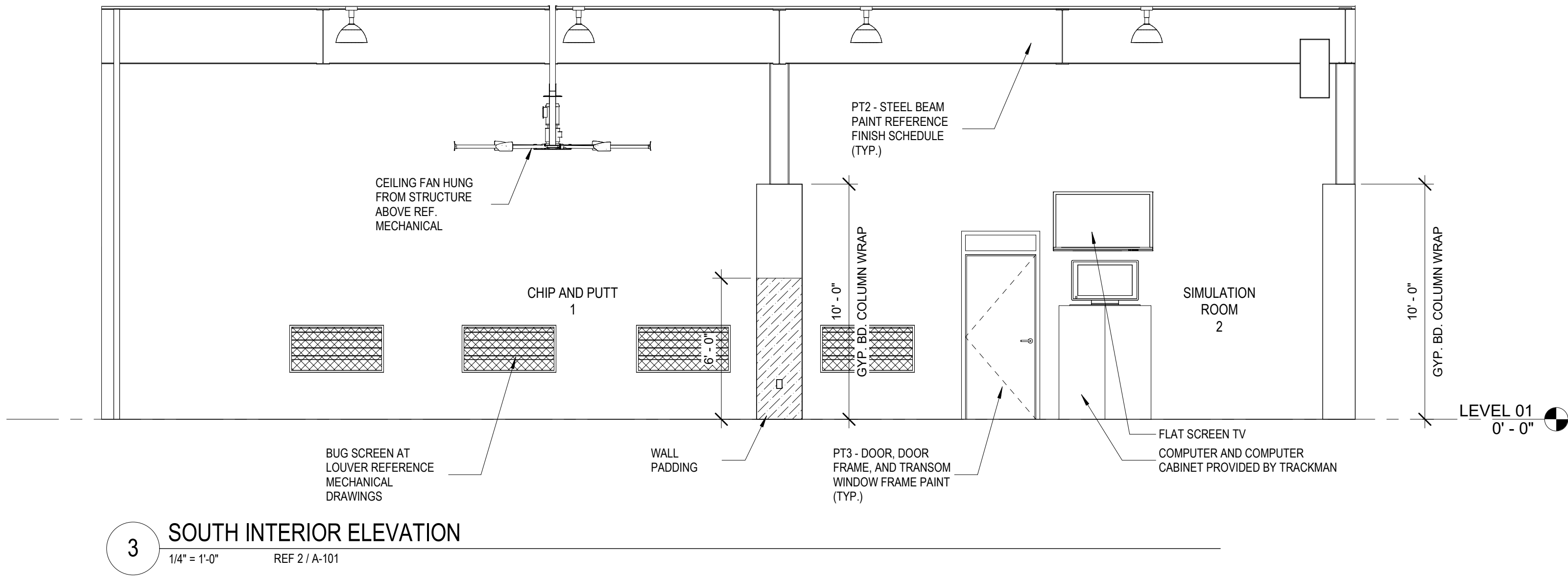
11/30/2023 4:58:29 PM C:\Users\arva\Documents\2023.079_MidlothianIndoor_Golf_Facility\arva.evt orcutt | winslow / 2022-079 / INDOOR GOLF FACILITY - FRANK SEALE MIDDLE SCHOOL / SCHEMATIC DESIGN / A-202- INTERIOR ELEVATIONS / Author



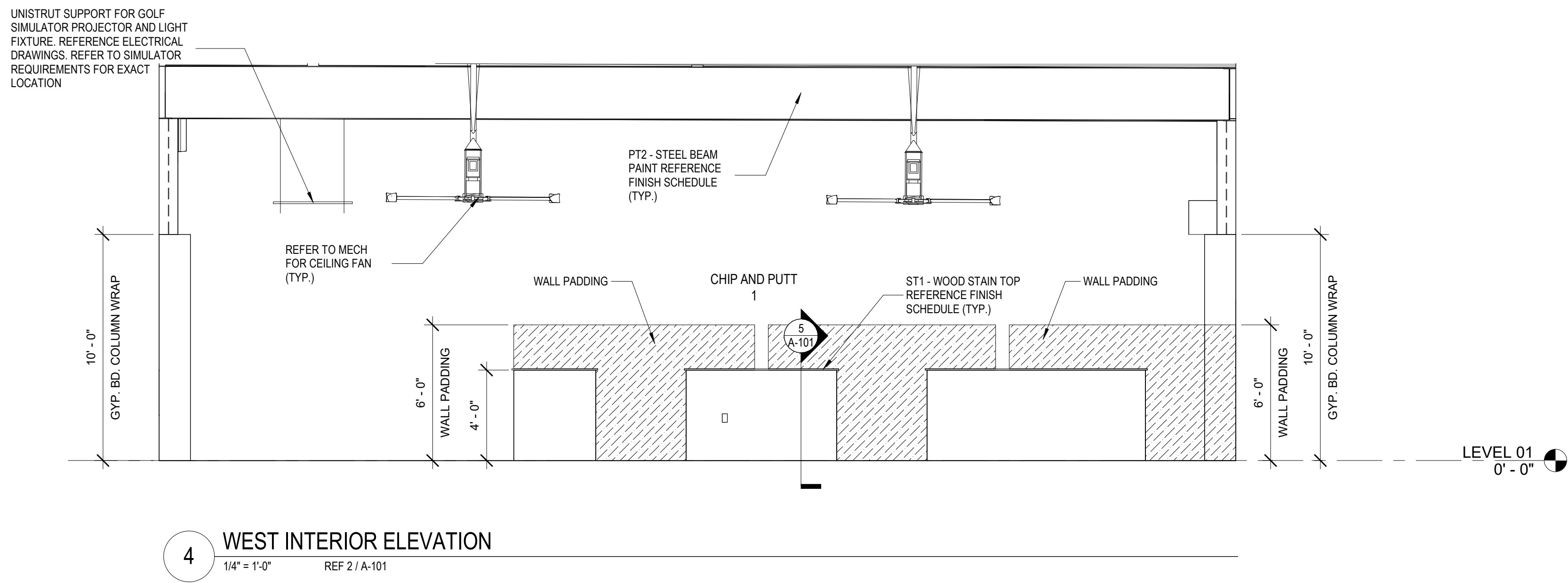
1 EAST INTERIOR ELEVATION
1/4" = 1'-0" REF 2 / A-101



2 NORTH INTERIOR ELEVATION
1/4" = 1'-0" REF 2 / A-101



3 SOUTH INTERIOR ELEVATION
1/4" = 1'-0" REF 2 / A-101

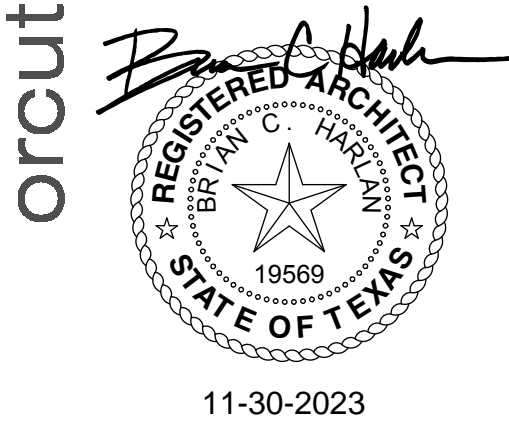


4 WEST INTERIOR ELEVATION
1/4" = 1'-0" REF 2 / A-101

GENERAL SHEET NOTES

- A. Paint all exposed metal that is not specified to receive paint finish.
B. All exposed flashing shall be factory finished.

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eleventh floor
phoenix, az 85012
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FRANK SEALE MIDDLE SCHOOL
INDOOR GOLF FACILITY
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OWP PROJECT NO. DATE OF ISSUE
2022-079 02.27.2024

REVISIONS
DELTA DESCRIPTION DATE

PROJECT TEAM DRAWN BY
Ed Studio Author

PROJECT PHASE
100% CD Package

SHEET CONTENTS
INTERIOR ELEVATIONS

SHEET NO.
A-202
AGENCY NO.

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orcutt | winslow 2022-079 / INDOOR GOLF FACILITY - FRANK SEALE MIDDLE SCHOOL / SCHEMATIC DESIGN / A-402- SPECIFICATIONS / EA

SECTION 01 6000 PRODUCT REQUIREMENTS

- A. Delivery and Storage of Material**
1. Deliver manufactured materials in the original packages, containers or bundles bearing the name or identification mark of the manufacturer and store as recommended.
 2. Deliver fabrications in as large assemblies as practicable and where specified to be shop-primed or shop-finished, they shall be packaged as required to preserve such priming or finish intact.
 3. Store materials in such manner to properly protect from damage. Materials or equipment damaged by handling, weather, dirt or from any other cause will not be acceptable.
 4. Store materials so as to cause no obstructions, stored off sidewalks, roadways and underground services.
- B. Product Substitution**
1. This project is to include only the products, materials, equipment and systems that are indicated on the drawings, and as specified.
 2. All requests for substitution shall be accompanied by a Substitution Request Form available from the Architect. Requests not accompanied by the form, shall not be considered.
 3. The Architect's review for approval is for quality of visual appearance. It is the Contractor's responsibility to confirm and correlate quantities and dimensions and coordinate with trades whose work may be affected by the requested substitution.
 4. Substitutions will not be considered if they are indicated or implied on Shop Drawings or if acceptance will require substantial revision to the Contract Documents.
 5. Time spent reviewing substitution requests may be billed to the Owner at the prevailing hourly rate.
- C. Maintenance Materials:** Contractor shall provide additional finish materials for Owners use at completion of project. Provide approximately 2% of each floor, wall, ceiling finish materials in labeled boxes or containers.

SECTION 01 7700 CLOSEOUT PROCEDURES

- A. Cleaning:** Perform the following special cleaning for trades at completion of work, employing only experienced workmen or professional cleaners for the final cleaning.
1. Remove marks, stains, fingerprints, soil and dirt from painted areas. Remove spots, soil, paint and mastic from tile work and wash same. Clean fixtures, equipment and piping; remove stains, paint, dirt and dust.
 2. Remove temporary floor protections; clean and polish floors.
 3. Clean concrete walks and slabs of plaster or cement droppings, paint and other objectionable materials to present a neat, clean appearance.
 4. Clean exterior and interior metal surfaces, including doors and windows and their frames.
 5. Clean items required to have a polished finish of oil, stains, dust, dirt, paint and the like; polish and leave without finger marks or other blemishes.
- B. Record Drawings:** Contractor shall provide a clean set of drawings for the project and shall legibly denote the actual constructed condition of the project. Record Drawings shall be kept up-to-date during the entire course of the work and available upon request for examination by the Architect and as a condition of Payment. Record Drawings shall include but not be limited to the following information.
1. Any changes from the contract documents secured with approval of the Architect via ASI, PR or RFI response.
 2. Deviations from the sizes, locations, and from other features of installations shown in the Contract Documents shall be recorded. Shut-off valves and other controls shall be clearly marked.
 3. Locations of underground Work shall be established by dimensions to column lines or walls, locating all turns, etc., and by property referenced centerline or invert elevations and rates of fall.
 4. For Work concealed in the building, sufficient information shall be given so it can be located with reasonable accuracy and ease in the future.
 5. Upon substantial completion of the Work submit electronic copy of the Record Drawings (with the professional seals removed or obscured) to the Architect. After approval provide Owner with (1) set each clean bond copy and electronic .pdf files.

SECTION 07 9200 JOINT SEALANTS

- A. Manufacturers**
1. Dow Corning
 2. Pecora
 3. Sika
 4. Sonneborn
 5. Tremko
- B. Materials**
1. Sealant: The type and grade as recommended by the manufacturer for the service intended and surfaces to be sealed.
 2. Back-up materials: Compatible with sealant and primer, and of a resilient nature.
 3. Bond Breaker: Pressure sensitive tape recommended by sealant manufacturer to suit application.
- C. Installation**
1. Install caulk/sealants at all intersections of dissimilar materials required for appearance or to stop passage of air, noise, or light or moisture and as recommended by the manufacturer.
 2. Install back-up material or joint filler, of type and size to provide sealant dimensions recommended by manufacturer. Do not apply sealant to joints over 3/16" without back-up materials.
 3. Sealant color shall match the color of the material sealed, unless otherwise noted. Approval of color shall be obtained prior to application.
 4. Provide sealant at the following locations
10. At stud wall base plates and around electrical outlets and penetrations at acoustically rated walls - One-part, gun grade, synthetic rubber, suitable for non-exposed locations.

SECTION 09 2216 NON-STRUCTURAL METAL FRAMING

- A. Manufacturers**
1. CEMCO
 2. Clark Dietrich Building Systems
 3. MarinoWARE
 4. MBA Building Supplies
 5. SCAFCO
 6. United Metal Products
- B. Materials**
1. Studs, Track and Furring
 - a. Roll formed 20 or 25 gauge electrogalvanized steel, sizes indicated, conforming to ASTM C845.
 - b. Use 20 gauge for door jambs and walls to receive ceramic tile or cement backer board and for walls over 14 feet high.
 - c. Provide slotted track at top of partitions subject to deflection.
 - d. Top track to be slotted and designed to accommodate the specified studs.
 - e. Fire and sound rated construction: Provide studs, track and furring in accordance with assemblies specified or noted on Drawings.
 2. Suspended Ceiling Components
 - a. Furring channels: Type DWG as manufactured by U.S. Gypsum Company, or rigid furring channels conforming to ASTM C845, 2-5/8 inches wide by 7/8 inch by 0.0188 inch thick.
 - b. Main runner channels: Cold rolled sections, 1-1/2 inches, formed of No. 16 gauge steel.
 - c. Hanger wires: 8 gauge.
 - d. Brackets: 20 gauge.
 - e. Tie Wire: 18 gauge galvanized.

- C. Owner's Manual:** Submit one (1) complete copy of the Owner's Manual in .pdf format containing the following documents and any others required in other Sections.
1. AIA Documents: G706 - Contractor's Affidavit of Payment of Debts and Claims;
 2. G706-A - Contractor's Affidavit of Release of Liens
 3. G707 - Consent of Surety Company to Final Payment, if bonded.
 4. Subcontractors, major suppliers list with companies, names, addresses and telephone numbers.
 5. Guarantees/warranties, certifications from Subcontractors and General Contractor.
 6. Affidavit from General Contractor and Subcontractors indicating no asbestos was utilized in the construction of the Work. (available from the Architect).
 7. Maintenance/operation instructions
 8. List of Extra Materials supplied to Owner, signed by Owner's representative (available from the Architect).
 9. Certifications and any required Special inspections.
 10. Other items required by these Specifications.
- D. Operating Manuals:** Submit one (1) complete copy of the Operating Manual in .pdf format containing the following documents and any others required in other Sections.
1. Operating instructions shall include complete operating sequence, control diagrams, description of method of operating machinery, machine serial numbers, factory order numbers, parts, tests, instruction books, suppliers phone numbers and addresses and individual equipment guarantees. Parts lists shall be complete in every respect showing parts and part numbers. Maintenance instructions shall include a written list of required and suggested maintenance for mechanical, plumbing, electrical or other equipment. Each item shall contain a brief description of the type and frequency of required maintenance. Include lists of filter sizes for air handling equipment, indicated "washable" or "disposable" and for which unit the filter is for. All shut off valves, dampers, etc., must be clearly marked on Record Drawings.
 2. Upon substantial completion of the Project Work, submit one copy of the Maintenance Manual and Operating Instructions to the Architect for approval. Failure to properly complete and submit maintenance and operation manuals in a timely manner shall place responsibility for detrimental maintenance and operating procedures on the Contractor.
 3. **E. Training:** Schedule training with the Owner or Tenant's designated representative for each building system installed or modified. Each trade shall provide a trained representative who can instruct the Owner or Tenant's representative in the proper operation of the system. The Contractor shall provide a written report describing the date, time and persons present as well as the training performed.

SECTION 02 4100 DEMOLITION

- A.** Visit site and examine the existing Work area.
- B.** Execute demolition Work in an orderly and careful manner with consideration for existing structures, including parts of the surrounding areas that are to remain. Protect existing active service lines whether indicated or not. Provide "walk-off mats" or other protection at entry to work area. Keep corridors clean and clear.
- C.** Use movable, covered debris boxes to convey the material through the building. Do not store or permit debris to accumulate on the site.
- D.** Remove, protect and turn over to the Own items noted to be salvaged. If item is to be used elsewhere on this project store and protect per section 01 6000, Product Requirements.
- E.** Throughout construction, remove excess materials, equipment and debris and dispose of away from premises.
- F.** If hazardous materials are encountered the Contractor shall notify the Owner before proceeding with work in the affected area.

SECTION 02 4100 DEMOLITION

- C. Installation**
1. Install cold-formed framing in accordance with requirements of current versions of ASTM C754, AISI-WSD AISI-NAS, AISI-WSD AISI-Header and the current Gypsum Construction Handbook and relevant sections of the IBC. System design shall resist horizontal loads (regular and seismic) as required by IBC and local AHJ. In addition, comply with the following requirements.
9. At walls that do not extend full height and are not otherwise braced, provide and install 2-1/2" x 2-1/2" x 3/16" tube steel stiffeners welded to base plate and anchored to floor with four (4) 1/2" x 2-1/2" expansion anchors. Set stiffeners at 4'-0" O.C. and secure to continuous 20 gauge top track.

SECTION 09 9100 PAINTING AND COATING

- A. Manufacturers**
- Benjamin Moore Paints
PPG
Sherwin Williams
- B. Materials**
1. Water-based, Low Odor products from manufacturer's top of the line products.
 2. Refer to the "Finish Plan" on the Drawing for designated finishes.
 3. Provide 3 samples paint "draw-downs" for each color and sheen scheduled.
 4. The following are acceptable products of Sherwin Williams. Other manufacturers indicated in this section or by prior approval shall furnish equal types of materials. Responsibility for recommending, scheduling and using the proper paint for the job conditions rests with the manufacturer and Contractor.

Gypsum Wallboard - Eggshell (Acrylic)
1st Coat: ProMar 200 Zero VOC Interior Latex Primer B28W2600, MPI #149
2nd Coat: ProMar 200 HP Zero VOC Interior Acrylic Low Gloss Eg-Shel B41-1900 Series (Gloss Level 3) MPI # 144 X-Green
3rd Coat: ProMar 200 HP Zero VOC Interior Acrylic Low Gloss Eg-Shel B41-1900 Series (Gloss Level 3) MPI # 144 X-Green

- C. Installation**
1. The number of coats scheduled is the minimum number of coats required. Additional coat(s) shall be applied, at no additional cost to the Owner, to completely hide base material, provide uniform color and to produce satisfactory finish results.
 2. Exposed water, gas, waste piping, sprinkler piping, conduit, lighting and electrical panels, telephone terminal boxes, galvanized ducts and insulated ducts, shall be painted in areas other than mechanical rooms, unless otherwise scheduled. Paint exposed unfinished fixtures, metal ducts, switch boxes, control panels, devices, starters, junction boxes, vents, drains, and other similar items, as directed by Architect.
 3. Fire hose cabinets, access panels (except stainless steel), air registers and grilles, suspended space heaters, flanges around ceiling fixtures, exposed pipe and conduit, electrical panelboards, primed hardware, and other similar items, shall be painted to match adjacent surfaces, at the direction of the Architect, even though the item already may have a factory applied finish.
 4. After taping and sanding gypsum board but prior to texturing, apply one coat of 1030 Ultra-Hide PVA Interior Primer-Sealer to gypsum board surfaces. The primer-sealant coat shall contrast with the color of the texture material. This primer-sealer coat may be deleted at gypsum board surfaces that receive a 100 percent skim coat of texture before painting.

5 «Masonry - Eggshell (Acrylic):
1st Coat: 6-15XI Speedhide Hi Fill Block Filler, MPI #4
Provide Level 3 fill at toilet rooms and food preparation areas. Provide Level 2 fill at other locations.
2nd Coat: 1402 Ultra Hide 250 Latex (Gloss Level 3) MPI #44
3rd Coat: 1402 Ultra Hide 250 Latex (Gloss Level 3) MPI #44
1st Coat: 6-15XI Speedhide Block Filler, MPI #4 X-Green
PPG Paints Pure Performance Eggshell 9-300XI (Gloss Level 3) MPI #144 X-Green
3rd Coat: PPG Paints Pure Performance Eggshell 9-300XI (Gloss Level 3) MPI #144 X-Green»



PRODUCT SPECIFICATIONS



DETAILS

Product SKU: CP1C	Roll Width: 15'
Yarn/Color:	Nylon/Verde
Denier:	5040/12
Grass Zone Yarn Shape:	Textured Diamond
Finished Pile Height:	3/4"
Backing: Primary/ 2-part 13/18 6 oz PP - Secondary/20oz EnviroLoc™	
Tuft Gauge:	3/16"
Total Weight:	79 oz.
Tuft Bind:	>8 lbs.
Fall Rating:	9 feet
Permeability:	>45 inches per /SY
Features:	EnviroLoc™, HeatBlock™, Plant-Based
Test Data:	ASTM E648, ASTM F1292, ASTM F1951, Pill Test, Critical Radiant Flux

SYNLawn Classic Pitch

An excellent product for the intermediate golfer seeking consistent ball roll for putting and durability for chip shots. Its remarkable durability also makes it an excellent choice for us in playground TrampZones™

FIRE RATED

20% Cooler with patented HeatBlock™ Technology

LIFETIME WARRANTY

SHOT STOPPER Proprietary Deep Pile ShotStopper™ technology absorbs ball energy to practice once impossible shots.

APPLICATIONS

GOLFTENNISSOFTBALLBASEBALLFOOTBALLHOCKEYBASKETBALLVOLLEYBALLRUGBYCRICKETHANDBALLBADMINTONTABLE TENNISOTHER

For ordering and questions, contact SYNLawn at 866-796-5296 or visit SYNLawn.com





PRODUCT SPECIFICATIONS



DETAILS

Product SKU: SS301	Roll Width: 6' x 12'
Yarn/Color:	Nylon/Verde
Denier:	5040/12
Grass Zone Yarn Shape:	Textured Diamond
Finished Pile Height:	1.0"
Backing: Primary/ 2-part 13/18 6 oz. PP - Secondary/20oz EnviroLoc™	
Tuft Gauge:	3/16"
Total Weight:	146 oz.
Tuft Bind:	>8 lbs.
Fall Rating:	10 feet
Permeability:	>45 inches per /SY
Features:	EnviroLoc™, Plant-Based
Test Data:	ASTM E648, ASTM F1292, ASTM F1951, Pill Test, Critical Radiant Flux

SYNLawn Tee Strike

This artificial tee-line grass is so dense it easily supports a standard golf tee for a natural, true-to-life feel allowing golfers to swing on a surface that won't grab the club head.

GREENMASTER® CERTIFIED GreenMaster® is an ISO 9001:2015 certified manufacturer of artificial turf products. All products are made in the USA and are backed by a 10-year warranty.

FIRE RATED

10 YEAR RESIDENTIAL WARRANTY
4 YEAR COMMERCIAL WARRANTY

EnviroLoc™ Backing Soybean oil coating locks-in turf fibers for lasting beauty and longer lifespan.

APPLICATIONS

GOLFTENNISSOFTBALLBASEBALLFOOTBALLHOCKEYBASKETBALLVOLLEYBALLRUGBYCRICKETHANDBALLBADMINTONTABLE TENNISOTHER

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OWP PROJECT NO. 2022-079
DATE OF ISSUE 02.27.2024

REVISIONS
DELTA DESCRIPTION DATE

PROJECT TEAM Ed Studio
DRAWN BY EA

PROJECT PHASE 100% CD Package

SHEET CONTENTS
SPECIFICATIONS

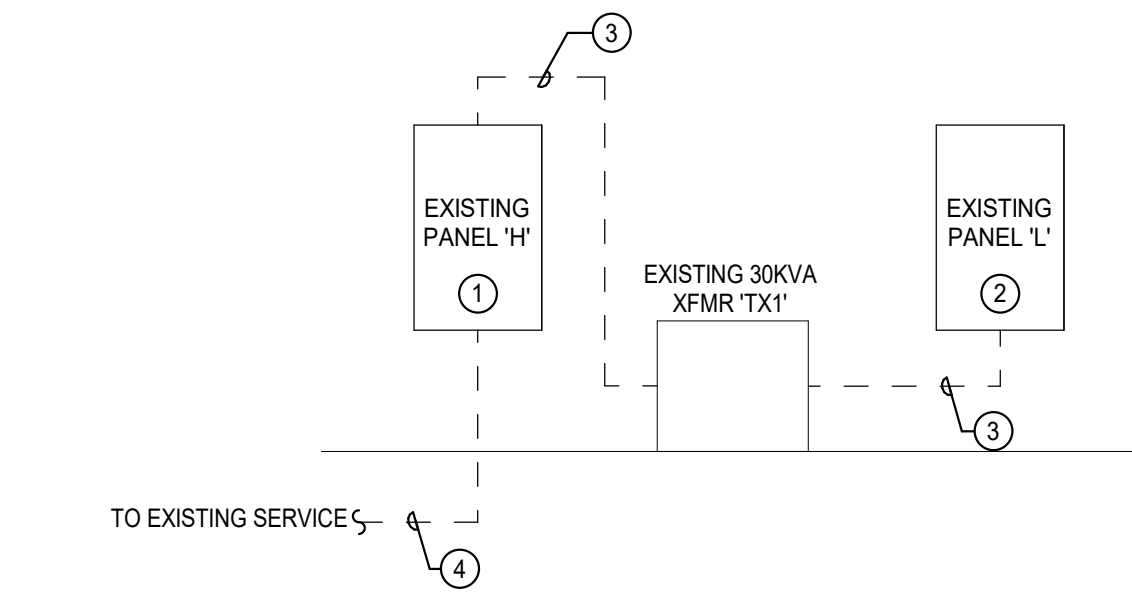
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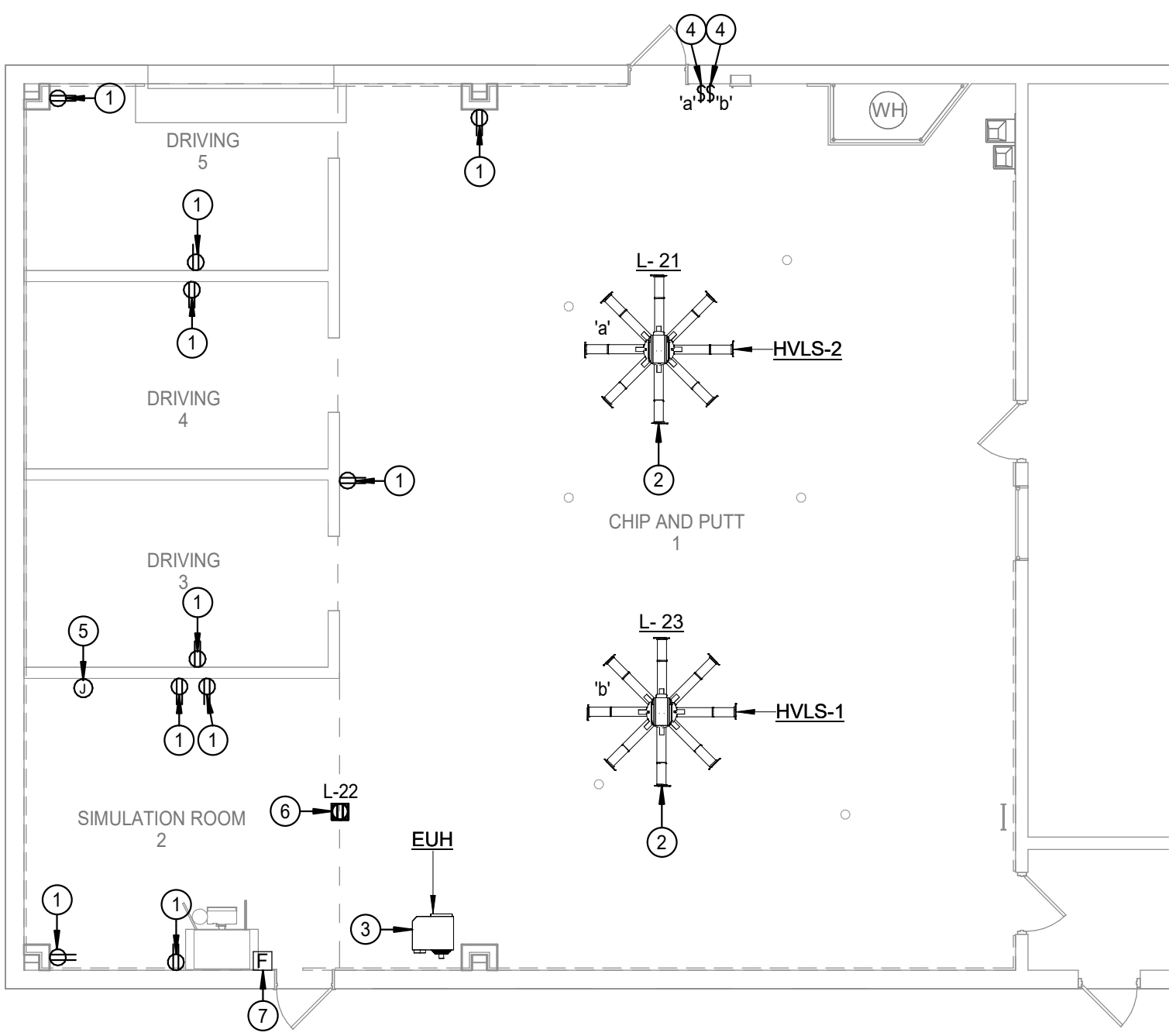
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SYMBOL SCHEDULE			
SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)	SYMBOL	DESCRIPTION (DISREGARD ITEMS NOT SHOWN ON PLANS)
LIGHTING (LETTER DENOTES TYPE - SEE LIGHT FIXTURE SCHEDULE)			
	LIGHT FIXTURE		MISCELLANEOUS EQUIPMENT
	FIXTURE ON EMERGENCY CIRCUIT		FIRE ALARM CONTROL PANEL
	DOWNLIGHT FIXTURE		FIRE ALARM REMOTE ANNUNCIATOR
	LIGHT FIXTURE - WALL MOUNTED		TRANSFORMER FOR DOOR BELL/BUZZER
	DOWNLIGHT FIXTURE ON EMERGENCY CIRCUIT		CHIME/BUZZER
	LIGHT FIXTURE - WALL MOUNTED ON EMERGENCY CIRCUIT		MOTOR CONTROLLERS AND EQUIPMENT
	EXIT LIGHT-CEILING MTD WITH DIRECTIONAL ARROWS AS REQUIRED		MOTOR, MAKE FINAL MOTOR CONNECTION
	EXIT LIGHT-WALL MTD WITH DIRECTIONAL ARROWS AS REQUIRED		3-PHASE MOTOR, MAKE FINAL MOTOR CONNECTION
SWITCHES			
	LINE VOLTAGE SINGLE POLE SWITCH		DISCONNECT SWITCH AS REQUIRED
	LINE VOLTAGE 2-POLE SWITCH		COMBINATION MOTOR STARTER/DISCONNECT SWITCH AS REQUIRED
	LINE VOLTAGE 3-WAY SWITCH		MOTOR STARTER
	LINE VOLTAGE 4-WAY SWITCH		MANUAL MOTOR SWITCH AS REQUIRED
	LINE VOLTAGE KEYED SWITCH		PREWIRED DEVICE, MAKE ELECTRICAL FINAL CONNECTIONS
	LINE VOLTAGE WALL DIMMER SWITCH, SIZE AND TYPE AS REQUIRED		VARIABLE FREQUENCY DRIVE MOTOR CONTROLLER FURNISHED BY DIVISION 23 AND INSTALLED BY DIVISION 28
	LINE VOLTAGE WALL MOUNTED DIMMER SWITCH WITH VACANCY SENSOR, MANUAL ON / AUTO OFF.	ELECTRICAL EQUIPMENT	
	LINE VOLTAGE WALL MOUNTED SWITCH WITH VACANCY SENSOR, MANUAL ON / AUTO OFF.		ELECTRICAL DISTRIBUTION OR PANELBOARD
	LINE VOLTAGE WALL MOUNTED SWITCH WITH VACANCY SENSOR, AUTO ON / AUTO OFF.		DRY TYPE TRANSFORMER
	LINE VOLTAGE SWITCH WITH PILOT LIGHT	CIRCUITING	
	MOMENTARY CONTACT SWITCH		CONDUIT
	PUSH BUTTON		CONDUIT BELOW FLOOR, SLAB, OR GRADE
	6-HOUR TIMER SWITCH WITH HOLD	SUBSCRIPTS AND ABBREVIATIONS	
	6-HOUR TIMER SWITCH WITH NO HOLD	WP	INDICATES WEATHERPROOF
	20 AMP GENERATOR TRANSFER DEVICE	WG	INDICATES WIREGUARD
LOW VOLTAGE LIGHTING CONTROLS		H	INDICATES HORIZONTAL
	LOW VOLTAGE LIGHTING CONTROLLER WALL SWITCH	TL	INDICATES TWIST LOCK
	BACS TIMER LOCAL OVERRIDE SWITCH	NL	LIGHT FIXTURE ON NIGHT LIGHT CIRCUIT
	CEILING MOUNTED PHOTO SENSOR	ERMS	ENERGY REDUCTION MAINTENANCE SWITCH
	CEILING MOUNTED VACANCY SENSOR, MANUAL ON / AUTO OFF	1-L	REFER TO ONE-LINE DIAGRAM
	CEILING MOUNTED OCCUPANCY SENSOR, AUTO ON / AUTO OFF		INDICATES WALL MOUNTED DEVICE
	LIGHTING CONTROLLER WITH GTD, ZONES AS REQUIRED.		NEXT TO ANY SYMBOL, INDICATES FINAL ROUGH-IN FIELD COORDINATION BY CONTRACTOR WITH ARCHITECTURAL MILLWORK DRAWINGS AND OTHER TRADES
RECEPTACLES AND OUTLETS			
	SIMPLEX RECEPTACLE	GENERAL NOTES:	
	DUPLEX RECEPTACLE	-ALL EXTERIOR BUILDING ELECTRICAL EQUIPMENT TO BE WEATHERPROOF NEMA-3R MINIMUM.	
	POWER POLE	CONTRACTOR NOTES:	
	125/250 VOLT, 1 PHASE, 3-WIRE, 20 AMPS UNLESS NOTED OTHERWISE		
	DOUBLE DUPLEX IN 2-GANG BOX WITH SINGLE COVER PLATE	IT IS THE RESPONSIBILITY OF THE CONTRACTORS TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO COMMENCEMENT OF WORK.	
	DOUBLE DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE IN 2-GANG BOX WITH SINGLE COVER PLATE	CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF THE WORK. THE BASE PROPOSAL SHALL INCLUDE MODIFICATIONS TO SYSTEMS AND DEVICES AS REQUIRED BY STATE AND LOCAL CODES WHETHER INDICATED OR NOT ON CONTRACT DOCUMENTS. THE SUBMISSIONS OF A PROPOSAL WILL BE EVIDENCE THAT SUCH AN EXAMINATION AND COMPLIANCE WITH GOVERNING CODES/REQUIREMENTS HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD AN EXAMINATION AND CODE/REQUIREMENTS REVIEW BEEN MADE, WILL NOT BE ACCEPTED.	
	FLUSH FLOOR CONCEALED SERVICE DOUBLE DUPLEX RECEPTACLE OUTLET	CONTRACTOR TO VERIFY THAT ALL EXISTING CONDUITS, J-BOXES, ETC. ARE NOT DAMAGED, IN GOOD SHAPE, SUPPORTED PROPERLY AND HAVE NO EXPOSED WIRING. CONTRACTOR IS TO PERFORM AN EXTENSIVE WALK THROUGH THE BUILDING PRIOR TO BIDDING TO VERIFY ALL EXISTING CONDITIONS THAT NEED REPAIR ARE IN BASE BID. NO EXCEPTIONS.	
	CONCEALED SERVICE MULTI-ACCESS FLOOR BOX WITH WIRING DEVICES AS INDICATED ON DRAWINGS, SIZE TO MATCH DEVICE QUANTITIES.		
	REMOTE BLANK FACE GFCI DEVICE		
	PROVIDE DUPLEX POWER RECEPTACLE AND USB OUTLET PER SPECIFICATION 20 27 73 WITH QUADPLEX OUTLET COVER PLATE.		
	E.C. TO PROVIDE ROUGH-IN FOR CARD READER JUNCTION BOX, REFER TO TECHNOLOGY SHEETS FOR ADDITIONAL INFORMATION.		
	SWITCH CONTROLLED RECEPTACLE WITH THE TOP RECEPTACLE LOAD CONTROLLED VIA PLUG LOAD SWITCH MEETING 2021 EEC 405.11 REQUIREMENTS. SPLIT LOAD-CONTROLLED RECEPTACLES SHALL BE PERMANENTLY FACTORY MARKED AS CONTROLLED.		



2 ONE LINE DIAGRAM
Scale: N.T.S.



1 POWER FLOOR PLAN
Scale: 1/8" = 1'-0"

ELECTRICAL ONE LINE KEYED NOTES	
1	EXISTING 225A, 277/480V, 3-PHASE, 4 WIRE SINGLE SECTION PANEL.
2	EXISTING 120/208V, 3-PHASE, 4 WIRE SINGLE SECTION PANEL. CONTRACTOR TO VERIFY FINAL PANEL SIZE.
3	EXISTING CONDUIT AND WIRE.
4	EXISTING CONDUIT AND CONDUCTORS TO ELECTRICAL SERVICE.

POWER GENERAL NOTES	
1	ELECTRICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY PROBLEMS PERTAINING TO CIRCUIT AVAILABILITY OR LOAD CAPACITY PRIOR TO INSTALLATION.
2	CONTRACTOR SHALL REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT AND SCHEDULES. CONTRACTOR SHALL PROVIDE ALL ELECTRICAL DISCONNECTS, BRANCH CIRCUITRY, STARTERS/CONTROLS, CIRCUIT BREAKERS AND CONNECTIONS REQUIRED TO POWER EQUIPMENT.
3	CONTRACTOR TO COORDINATE EXACT LOCATION OF DISCONNECT SWITCHES, JUNCTION BOXES AND SINGLE POLE TOGGLE SWITCHES FOR MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION.
4	ALL RECEPTACLES LOCATED WITHIN 6'-0" OF SINK SHALL BE GFCI TYPE.
5	CONTRACTOR SHALL COORDINATE EXACT LOCATIONS OF RECEPTACLES AND SWITCHES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ELECTRICAL ROUGH-IN. ADJUST DEVICES AS REQUIRED SO THAT NO DEVICES ARE INSTALLED BEHIND CABINETS OR SHELVES.
6	ALL BLANK FACE GFCI DEVICES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION AND NOT BEHIND EQUIPMENT.
7	CONTRACTOR SHALL REFER TO TECHNOLOGY SERIES CONSTRUCTION DOCUMENTS FOR EXACT LOCATION AND REQUIREMENTS OF ALL LOW VOLTAGE BACK BOXES, FITTINGS, AND CONDUITS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8	ALL EXTERIOR OUTLETS SHALL BE WP GFI IN METAL WHILE-IN-JUSE LOCKABLE ENCLOSURE WITH EXCEPTION TO INTEGRAL RTU RECEPTACLES.

ELECTRICAL POWER KEYED NOTES	
1	CONNECT RECEPTACLE TO NEAREST AVAILABLE 120V CIRCUIT. CONTRACTOR TO VERIFY CIRCUIT AMPACITY DOES NOT EXCEED 16A.
2	NEW BIG ASS FAN, CONNECT TO CIRCUIT INDICATED ON FLOOR PLAN.
3	EXISTING UNIT HEATER TO BE RELOCATED HERE. ELECTRICAL CONTRACTOR TO COORDINATE FINAL LOCATION WITH MECHANICAL CONTRACTOR AND EXTEND EXISTING CONDUCTORS AND CONDUIT TO NEW LOCATION.
4	SPEED DIAL FOR HVLS FAN, CONTROL TO BE CONNECTED TO FIRE ALARM RELAY DEVICE FOR AUTOMATIC SHUT OFF. COORDINATE FINAL LOCATION OF SPEED DIAL WITH ARCHITECT PRIOR TO ROUGH-IN.
5	PROVIDE J-BOX FOR TRACKMAN GOLF SIMULATOR PROVIDED LIGHT. CONNECT J-BOX TO NEAREST AVAILABLE 120V CIRCUIT. ELECTRICAL CONTRACTOR TO VERIFY CIRCUIT AMPACITY DOES NOT EXCEED 16A. ELECTRICAL CONTRACTOR TO COORDINATE FINAL LOCATION AND REQUIREMENTS WITH TRACKMAN GOLF SIMULATOR LIGHTING PROVIDER PRIOR TO ROUGH-IN.
6	NEW CEILING RECEPTACLE FOR GOLF SIMULATOR PROJECTOR. ELECTRICAL CONTRACTOR TO COORDINATE FINAL LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
7	EXISTING FIRE ALARM PULL STATION TO BE SHIFTED 6" TOWARDS DOOR.

Exist. Branch... L													
Location: Supply From: Mounting: Surface				Volts: 120/208 Wye Phases: 3 Wires: 4				A.I.C. Rating: EXIST. Enclosure: Type 1 Mains: 80A MCB					
Phase in kVA													
Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note	
--	1	EXISTING CIRCUIT	--	20 1	1.0 / 1.0			1 20	--	EXISTING CIRCUIT	2	--	
--	3	EXISTING CIRCUIT	--	20 1		1.0 / 1.0		1 20	--	EXISTING CIRCUIT	4	--	
--	5	EXISTING CIRCUIT	--	20 1			1.0 / 1.0	1 20	--	EXISTING CIRCUIT	6	--	
--	7	EXISTING CIRCUIT	--	20 1	1.0 / 1.0			1 20	--	EXISTING CIRCUIT	8	--	
--	9	EXISTING CIRCUIT	--	20 1		1.0 / 1.0		1 20	--	EXISTING CIRCUIT	10	--	
--	11	EXISTING CIRCUIT	--	20 1			1.0 / 1.0	1 20	--	EXISTING CIRCUIT	12	--	
--	13	EXISTING CIRCUIT	--	20 1	1.0 / 1.0			1 20	--	EXISTING CIRCUIT	14	--	
--	15	EXISTING CIRCUIT	--	20 1		1.0 / 1.0		1 20	--	EXISTING CIRCUIT	16	--	
--	17	EXISTING CIRCUIT	--	20 1			1.0 / 1.0	1 20	--	EXISTING CIRCUIT	18	--	
--	19	EXISTING CIRCUIT	--	20 1	1.0 / 1.0			1 20	--	EXISTING CIRCUIT	20	--	
	21	HVLS-1	#12	20 1		1.2 / 0.2		1 20	#12	REC - GOLF SIMULATOR PROJECTOR	22	--	
	23	HVLS-1	20 1				1.2 / 0.0	1	--	SPACE	24	--	
--	25	SPACE	--	-- 1	0.0 / 0.0			1	--	SPACE	26	--	
Total Load:					8.0 kVA	7.4 kVA	7.2 kVA						
Total Amps:					67 A	62 A	60 A						
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals				
HVAC			2.4 kVA		100.00%		2.4 kVA		Total Conn. Load: 22.6 kVA				
Lighting			0.0 kVA		0.00%		0.0 kVA		Total Est. Demand: 22.6 kVA				
Receptacles			0.2 kVA		100.00%		0.2 kVA		Total Conn. Current: 63 A				
Spare			20.0 kVA		100.00%		20.0 kVA		Total Est. Demand Current: 63 A				
Notes:				Abbreviations:									
CONTRACTOR TO VERIFY MAIN SIZE ON PANEL SCHEDULE.				G - PROVIDE GFCI CIRCUIT BREAKER									
				LF - PROVIDE PERMANENT LOCK-OFF DEVICE									
				LO - PROVIDE PERMANENT LOCK-ON DEVICE									

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MECHANICAL SPECIFICATIONS

HIGH VOLUME LOW SPEED FANS

PART 1 - GENERAL

1.1 WORK INCLUDED

A. Furnish and install an Industrial High Volume Low Speed (HVLS) ceiling mounted fans with supplemental equipment.

1.2 RELATED WORK

A. Division 23 Mechanical:

1. Electrical Provisions of Mechanical Work

1.3 PERFORMANCE

A. Provide fan type, arrangement, rotation, capacity, size, motor horsepower, and motor voltage as shown. Fan capacities and characteristics are scheduled on the drawings. Provide fans capable of accommodating air volume variations of +10% of scheduled design at the design air flow.

B. Rate fans according to appropriate Air Moving and Conditioning Association, Inc. (AMCA), approved test codes and procedures. Fans with sound ratings shall be below the maximums permitted by AMCA Standards. All fans provided must be licensed to bear the Certified Ratings Seal.

C. Statically and dynamically balance all fans.

D. Motors shall be sized so that they do not operate within the motor service factor.

1.4 SUBMITTALS

A. Submit fan drawings detailing product dimensions, weight, structural supporting points and attachment methods.

B. Submit product specification sheets on the ceiling mounted fan, specifying electrical and installation requirements, features, and benefits and controller information.

C. Submit manufacturer's installation instructions and operation and maintenance instructions.

D. Submit documentation illustrating fan sizing, placement and performance was verified using computational fluid dynamics (CFD) analysis. Documentation shall include all input data used for CFD analysis including significant obstructions to airflow at the floor level and the actual space dimensions. Submittal shall also include results of the CFD analysis.

2.1 ACCEPTABLE MANUFACTURERS

A. Big Ass Fans – Powerful X

B. MacroAire - AirVolution

2.2 HIGH VOLUME, LOW SPEED FANS (GEAR DRIVEN)

A. Complete Unit: The fan shall be NRTL certified and built pursuant to construction guidelines set forth by UL Standard 507 and CSA Standard 22.2. The fan controller shall be compliant with FCC rules to not cause harmful interference and accept and interference received. The fan shall be designed to move an effective amount of air and provide destratification in a variety of applications with dense floor obstructions, over an extended life. The fan and components shall be designed specifically for high volume, low speed fans to ensure lower operational noise. The sound levels from the fan operating at maximum speed measured in a laboratory setting shall not exceed 55 dBA.

B. Onboard Fan Control: The fan shall be equipped with an onboard fan controller which utilizes a variable frequency drive (VFD) that is prevented to the motor and factory programmed to minimize the starting and braking torques.

C. Airfoil System: The fan shall be equipped with eight (8) airfoils of precision extruded aluminum alloy. The airfoils shall be connected by means of two (2) locking bolts per airfoil. The airfoils shall be connected to the hub and interlocked with zinc plated steel retainers. Airfoils shall be powder coated with color per Architect. The fan shall be equipped with eight (8) airfoil winglets on the ends of the airfoils. The winglets shall be molded of high density polyethylene. Winglets shall be "Safety Yellow," but may be colored as specified by the Architect or Owner.

D. Motor: The fan motor shall be an AC induction type inverter rated at 1725 RPM, 240/120 VAC, 1 Phase and 60 Hz. The motor shall be totally enclosed, fan cooled (TEFC) with an IP56 NEMA classification. A NEMA 56C standard frame shall be provided for ease of service. The motor shall be manufactured with a double baked Class F minimum insulation and be capable of continuous operation in 32°F to 122°F ambient conditions. The motor shall have a C-face motor attachment to enable service technicians to detach motor for field service.

E. Gearbox: The fan gearbox shall be Nitrosreal Drive. The gearbox shall include a high efficiency, hermetically sealed, nitrogen filled, offset helical gear reducer with two stage or three stage gearing, a hollow output shaft, cast iron housing, double lip seals, high quality SKF Explorer Series bearings with crowned cages for optimal lubrication flow, and precision machined gearing to maintain backlash less than 11 arc-minutes over the life of the unit. Lubrication shall be a high grade, low foaming synthetic oil with extreme pressure additives and a wide temperature range and shall be lubricated for the life of the product without oil change. The fan gearbox shall be equipped with a passageway in which wiring, piping, etc. can be routed below the fan. A non-rotating, standard junction box shall be provided at the base of the fan for installing optional features such as lights, cameras, and VESDA. An aluminum cover plate shall be provided for attachment to the junction box when these features are not installed.

F. Mounting Post: The fan shall be equipped with a mounting post that provides a structural connection between the fan assembly and extension tube. The mounting post shall be formed from A36 steel, contain no critical welds and be powder coated for corrosion resistance and appearance. Mounting post color shall be per Architect.

A. Hub: The fan hub shall be precision cut aluminum for high strength and light weight. The hub design shall provide flexible assembly to distribute force loads experienced by the hub assembly over a large area to reduce fatigue experienced at the attachment point for the fan blade. The hub shall be secured to the output shaft of the gearbox by high strength bolts. Both hub and flange shall be precision machined to achieve a well balanced and solid rotating assembly. The hub shall incorporate a minimum of four (4) safety retaining clips made of 1/4" thick steel that shall restrain the hub/airfoil assembly.

H. Mounting System: The fan mounting system shall be designed for quick and secure installation to a variety of structural support types. The mounting system shall accommodate adjustments after fan installation via two axes of rotation to ensure fan will hang level from structure. All components in the mounting system shall be welded construction using low carbon steel no less than 3/16" thick and be powder coated for appearance and resistance to corrosion. All mounting bolts shall be SAE Grade 8 or equivalent and rated with a minimum tensile strength of 150,000 psi. Mounting components color shall be per Architect.

I. Safety Cable: The fan shall be equipped with an upper safety cable that provides additional means of securing the fan assembly to the building structure. The safety cable shall be 3/8" diameter and fabricated of 7x19 stranded galvanized steel. The loops shall be secured with swaged Nicopress fittings, pre-loaded and tested to 5,200 lbf. Field construction of safety cables shall not be permitted.

J. LED Light Kit: Fan shall be provided with a LED light kit suitable for wet locations with output of up to 48,000 or 39,000 lumens and have a standard color temperature of 5,000 K or 4,000 K. LED light shall operate independently from the fan operation. LED light kit housing color shall be per Architect.

K. Wall Control Controller (Single Fan): Each fan shall be provided wired wall mounted speed controller. The controller shall be IP55 rated and mount to a standard single or duplex outlet box. Controller shall be provided with a 150' CAT5 cable for connecting the controller to the fan's VFD and provide power to controller.

L. Fire Control Panel Integration: Includes a 10-30 VDC pilot relay for seamless fire control panel integration. The pilot relay can be wired Normally Open or Normally Closed in the field.

M. Guy Wires: Provide guy wires to limit the potential for lateral movement.

PART 3 – EXECUTION

3.1 INSTALLATION

A. The fan shall be installed by a factory certified installer in accordance with manufacturer's installation instruction.

B. Fan location shall be free from obstacles such as lights, cables or other building components and have bar joists or I-beam structure to mount fan and be capable of supporting fan weight and fan operational torque. A structural engineer shall be consulted for installation methods outside the manufacturer's recommendation and a certification submitted prior to installation.

C. The fan shall be installed so that the airfoils are a minimum of 10' above the floor. The fan installation area must be free of obstructions such as lights, cables, sprinklers or other building structures, with the airfoils at least 2' clear of all obstructions. The fan should not be installed where it will be continuously subjected to wind gusts or in close proximity to the outputs of HVAC systems.

D. The fan controller shall be mounted to a flat, readily accessible surface that is free from vibration and away from foreign objects and moving equipment. mounting location shall meet all accessibility requirements.

E. In buildings equipped with sprinklers, including ESFR sprinklers, fan installation shall comply with all of the following:

1. The maximum fan diameter shall be 24 ft (7.3 m).

2. The HVLS fan shall be centered approximately between four adjacent sprinklers.

3. The vertical clearance from the HVLS fan to the sprinkler deflector shall be a minimum of 3 ft (0.9 m).

4. All HVLS fans shall be interlocked to shut down immediately upon receiving a wetflow signal from the alarm system in accordance with the requirements of NFPA 72—National Fire Alarm and Signaling Code.

3.2 WORKMANSHIP

A. Good workmanship shall be evident in all aspects of construction and installation. Field balancing of the airfoils shall not be necessary.

GENERAL

A. PERFORM WORK IN ACCORDANCE WITH APPLICABLE STATUTES, ORDINANCES, CODES AND REGULATIONS OF GOVERNMENTAL AUTHORITIES HAVING JURISDICTION.

B. OBTAIN ALL PERMITS REQUIRED.

C. CONTRACT DRAWINGS ARE DIAGRAMMATIC ONLY AND DO NOT GIVE FULLY DIMENSIONED LOCATIONS OF VARIOUS ELEMENTS OF WORK. DETERMINE EXACT LOCATIONS FROM FIELD MEASUREMENTS.

D. GUARANTEE WORK FOR 1 YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT. DURING THAT PERIOD MAKE GOOD ANY FAULTS OR IMPERFECTIONS THAT MAY ARISE DUE TO DEFECTS OR OMISSIONS IN MATERIAL, EQUIPMENT OR WORKMANSHIP. AT THE OWNER'S OPTION, REPLACEMENT OF FAILED PARTS OR EQUIPMENT SHALL BE PROVIDED.

E. IMMEDIATELY PRIOR TO SUBSTANTIAL COMPLETION OF THE PROJECT, REPLACE AIR FILTERS.

F. PROVIDE EQUIPMENT HOUSEKEEPING PADS UNDER ALL FLOOR MOUNTED AND GROUND MOUNTED HVAC EQUIPMENT, AND AS SHOWN ON THE DRAWINGS. CONCRETE PADS ARE TO BE 4" THICK UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

G. PROVIDE NAMEPLATES WITH 1/2" HIGH LETTERS AND FASTENED WITH EPOXY OR SCREWS.

H. MAINTAIN QUALITY CONTROL OVER SUPERVISION, SUBCONTRACTORS, SUPPLIERS, MANUFACTURERS, PRODUCTS, SERVICES, SITE CONDITIONS AND WORKMANSHIP TO PRODUCE WORK IN ACCORDANCE WITH CONTRACT DOCUMENTS.

I. COMPLY WITH INDUSTRY STANDARDS EXCEPT WHEN MORE RESTRICTIVE TOLERANCES OR SPECIFIED REQUIREMENTS INDICATE MORE RIGID STANDARDS OR MORE PRECISE WORKMANSHIP.

J. PERFORM WORK BY PERSONS QUALIFIED TO PRODUCE WORKMANSHIP OF SPECIFIED QUALITY.

K. SECURE PRODUCTS IN PLACE WITH POSITIVE ANCHORAGE DEVICES DESIGNED AND SIZED TO WITHSTAND STRESSES, VIBRATION, AND RACKING. UNDER NO CONDITIONS SHALL MATERIAL OR EQUIPMENT BE SUSPENDED FROM STRUCTURAL BRIDGING.

L. PROVIDE FINISHES TO MATCH APPROVED SAMPLES. ALL EXPOSED FINISHES SHALL BE APPROVED BY THE ARCHITECT. SUBMIT COLOR SAMPLES AS REQUIRED.

M. COMPLY WITH INSTRUCTIONS IN FULL DETAIL, INCLUDING EACH STEP IN SEQUENCE. SHOULD INSTRUCTION CONFLICT WITH CONTRACT DOCUMENTS, REQUEST CLARIFICATION FROM ARCHITECT / ENGINEER BEFORE PROCEEDING.

MECHANICAL ALTERATIONS

A. INSPECT AND SERVICE EXISTING EQUIPMENT AND MATERIALS THAT ARE TO REMAIN OR TO BE REUSED.

B. DISPOSAL OF EQUIPMENT, MATERIALS, OR HOUSEKEEPING PADS TO BE ABANDONED. PRIOR TO DISPOSAL, THE CONTRACTOR SHALL VERIFY WITH THE OWNER WHAT IS TO BE SALVAGED BY THE OWNER AND WHAT IS TO BECOME THE PROPERTY OF THE CONTRACTOR.

C. HANDLING OF EQUIPMENT AND MATERIALS TO BE REMOVED.

D. INSPECTION: EXISTING MATERIALS AND EQUIPMENT INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS TO BE REUSED SHALL BE INSPECTED FOR DAMAGED OR MISSING PARTS. CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER, IN WRITING, ACCORDINGLY. IF USING MATERIALS SPECIFIED OR SHOWN ON THE DRAWING VOIDS OR DIMINISHES THE WARRANTY OR OPERATION OF REMAINING EQUIPMENT OR SYSTEMS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER, IN WRITING. DEMOLITION DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATION, AND WHEN AVAILABLE, EXISTING RECORD DOCUMENTS. REPORT DISCREPANCIES TO ARCHITECT BEFORE DISTURBING EXISTING INSTALLATION, AND IMMEDIATELY AFTER SUCH DISCREPANCIES ARE DISCOVERED.

E. APPLICATION: EXISTING MATERIALS AND EQUIPMENT INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS TO BE REUSED SHALL BE CLEANED AND RECONDITIONED, INCLUDING CLEANING OF PIPING SYSTEMS AND HVAC COILS PRIOR TO INSTALLATION AND REUSE. MATERIAL AND EQUIPMENT REMOVED THAT IS NOT TO BE SALVAGED FOR OWNERS USE OR FOR REUSE ON THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE REMOVED FROM THE SITE. MATERIAL OR EQUIPMENT SALVAGED FOR OWNER'S USE SHALL BE CAREFULLY HANDLED AND STORED WHERE DIRECTED BY THE OWNER OR THE ARCHITECT / ENGINEER. RELOCATE MATERIAL AND/OR EQUIPMENT AS DIRECTED BY OWNER. MATERIALS AND EQUIPMENT NOT INDICATED TO BE REMOVED OR ABANDONED SHALL BE RECONNECTED TO THE NEW SYSTEM. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL WALK AREAS TO BE RENOVATED WITH OWNER TO IDENTIFY AND DOCUMENT ITEMS TO BE SALVAGED FOR OWNERS USE.

F. SEQUENCE AND SCHEDULE: COORDINATE UTILITY SERVICE OUTAGES WITH UTILITY COMPANY, ARCHITECT AND OWNER. REMOVE CONCRETE HOUSEKEEPING PAD WHERE MATERIALS OR EQUIPMENT HAVE BEEN REMOVED.

1

MECHANICAL FLOOR PLAN

Scale: 1/4" = 1'-0"

MECHANICAL KEYED NOTES									
1	CONTRACTOR TO RELOCATE EXISTING UNIT HEATER AND EXTEND EXISTING GAS PIPING AND EXISTING FLUE VENT TO NEW LOCATION SHOWN.								
2	UNIT HEATER EXISTING TO REMAIN. CONTRACTOR TO FIELD VERIFY EXACT LOCATION. CONTRACTOR SHALL CLEAN AND INSPECT EXISTING HEATER AND ALL ACCESSORIES AND REPAIR OR REPLACE ANY EQUIPMENT AS REQUIRED FOR PROPER WORKING ORDER.								
3	EXHAUST FAN EXISTING TO REMAIN. CONTRACTOR TO FIELD VERIFY EXACT LOCATION. CONTRACTOR SHALL CLEAN AND INSPECT EXISTING FAN SYSTEM, DAMPERS, AND ALL ACCESSORIES AND REPAIR OR REPLACE ANY EQUIPMENT AS REQUIRED FOR PROPER WORKING ORDER. CONTRACTOR TO ENSURE FAN IS PROPERLY INTERLOCKED TO ACTIVATE EXISTING INTAKE LOUVERS MOTORIZED DAMPER.								
4	INTAKE LOUVER EXISTING TO REMAIN. CONTRACTOR TO FIELD VERIFY EXACT LOCATION. CONTRACTOR SHALL CLEAN AND INSPECT EXISTING LOUVER, INSECT SCREEN, MOTORIZED DAMPERS AND ALL ACCESSORIES AND REPAIR OR REPLACE ANY EQUIPMENT AS REQUIRED FOR PROPER WORKING ORDER. CONTRACTOR TO ENSURE MOTORIZED DAMPERS PROPERLY ACTIVATE UPON ACTIVATION OF EXHAUST FANS.								

FAN											
MARK	LOCATION	MAX. RPM	FLA	V	PH	F	LOCALLY SWAGED BY	INTERLOCKED WITH	FAN TYPE	DRIVE TYPE	MANUFACTURER
HVLS-1	CHIP AND PUT	158	1.61	120	1	60	SEE E101	-	HIGH VOLUME LOW SPEED	DIRECT	Big Ass Fans
HVLS-2	CHIP AND PUT	158	1.61	120	1	60	SEE E101	-	HIGH VOLUME LOW SPEED	DIRECT	Big Ass Fans
GENERAL NOTES: <div>1. REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS FOR ALL REQUIRED HVLS CLEARANCES AND MOUNTING TO STRUCTURE.</div> <div>2. COORDINATE FINAL COLOR WITH ARCHITECT.</div>										REMARKS: <div>1. PROVIDE WITH DISCONNECT.</div> <div>2. PROVIDE WITH WALL MOUNTED VARIABLE SPEED CONTROLLER.</div> <div>3. PROVIDE WITH FIRE RELAY FOR FIRE CONTROL PANEL INTEGRATION.</div>	

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OWP PROJECT NO.

2022-079

DATE OF ISSUE

11.30.2023

REVISIONS		
NO.	DESCRIPTION	DATE

PROJECT TEAM

Ed Studio

DRAWN BY

Author







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








100% CD Package

SHEET CONTENTS

MECHANICAL FLOOR PLAN

11/30/2023 1:37:39 AM orcutt | winslow / INDOOR GOLF FACILITY - FRANK SEALE MIDDLE SCHOOL / SCHEMATIC DESIGN / T-200- TECHNOLOGY FLOOR PLAN / Author
Autodesk Docs:Midlothian ISD - Indoor Golf Simulator Build-Out2023-09286_MidlothianISD_Indoor_Golf_Facility_MEPT_L203.rvt

27 10 00 TECHNOLOGY LEGEND				
SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
	WALL MOUNTED NETWORK OUTLET DW: NUMBER OF DATA DROPS IN OUTLET AP: WIRELESS ACCESS POINT	+18" AFF, UNLESS OTHERWISE NOTED	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
	COMMUNICATIONS OUTLET	FIELD COORDINATE	FIELD COORDINATE	
	WALL MOUNTED NETWORK OUTLET	+44" AFF	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
	WALL MOUNTED BOX FOR FUTURE USE.	+18" AFF UNO	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
	FLOOR MOUNTED NETWORK OUTLET	N/A	COORDINATE WITH ELECTRICAL CONTRACTOR	FINISHED HARDWARE PROVIDED BY DIV 27
	CEILING MOUNTED NETWORK OUTLET AP: WIRELESS ACCESS POINT DW: NETWORK OUTLET	ABOVE CEILING	CEILING BRACKET WITH BISCUIT BLOCK	
NOTES: 1. #G INDICATES BACK BOX SIZE. 2. #C INDICATES CONDUIT SIZE. 3. UNO, UNLESS NOTED OTHERWISE 4. CONDUIT STUB UP AND SLEEVES SHALL HAVE A SOLID UNCOIT PLASTIC PROTECTIVE BUSHING. 5. NO CONDUITS SHALL EXCEED FOR 40% MAXIMUM FILL RATIO. CONTRACTOR TO PROVIDE ADDITIONAL CONDUITS REQUIRED.				

27 41 16.20 AUDIO/VIDEO LEGEND				
SYMBOL	DESCRIPTION	ELEVATION	BACK BOX/RACEWAY	NOTES
	WALL MOUNTED PROJECTOR AV OUTPUT OUTLET	REFERENCE FLOOR PLANS	4 11/16"x4 11/16"x2-1/8" BACK BOX WITH DOUBLE GANG RING, TWO(2) 1.25"C	NOTE #5
	CEILING MOUNTED PROJECTOR AV OUTPUT OUTLET	CEILING MOUNTED	N/A	NOTE #5
	WALL MOUNTED AUDIO/VIDEO INPUT OUTLET	+18" AFF UNO	4 11/16"x4 11/16"x2-1/8" BACK BOX WITH DOUBLE GANG RING, TWO(2) 1.25"C	
	WALL MOUNTED FLAT SCREEN DISPLAY AUDIO/VIDEO OUTPUT OUTLET	REFERENCE FLOOR PLAN	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	NOTE #5
	WALL MOUNTED FLAT SCREEN DISPLAY AUDIO/VIDEO OUTPUT OUTLET ASSOCIATED WITH AV-1 INPUT OUTLET	REFERENCE FLOOR PLAN	4 11/16"x4 11/16"x2-1/8" BACK BOX WITH DOUBLE GANG RING, TWO(2) 1.25"C	NOTE #5
	INTERACTIVE VIDEO DISPLAY AUDIO/VIDEO OUTPUT OUTLET	REFERENCE FLOOR PLAN	4 11/16"x4 11/16"x2-1/8" BACK BOX WITH DOUBLE GANG RING, TWO(2) 1.25"C	NOTE #5
	AV CONTROL PANEL	+48" AFF TO TOP	4"x4"x2 1/8" BACK BOX WITH 1-G MUD RING, 1"C	
	LOCAL INSTRUCTIONAL SPACE PRESENTATION SPEAKER	CEILING	CONTRACTOR PROVIDED CEILING BOX	COORDINATE POWER WITH EC
	STREAMING CAMERA	CEILING UNO	N/A	NOTE #5
NOTES: 1. #G INDICATES BACK BOX SIZE. 2. #C INDICATES CONDUIT SIZE. 3. UNO, UNLESS NOTED OTHERWISE 4. THE SYSTEM INTEGRATOR SHALL COORDINATE ALL BOX AND CONDUIT SIZE REQUIREMENTS PRIOR TO ROUGH-IN BY THE PROJECTS ELECTRICAL CONTRACTOR. 5. PROVIDE AND INSTALL ONE (1) CATEGORY CABLE TO CONNECT DEVICE TO NETWORK				

TECHNOLOGY KEYED NOTES

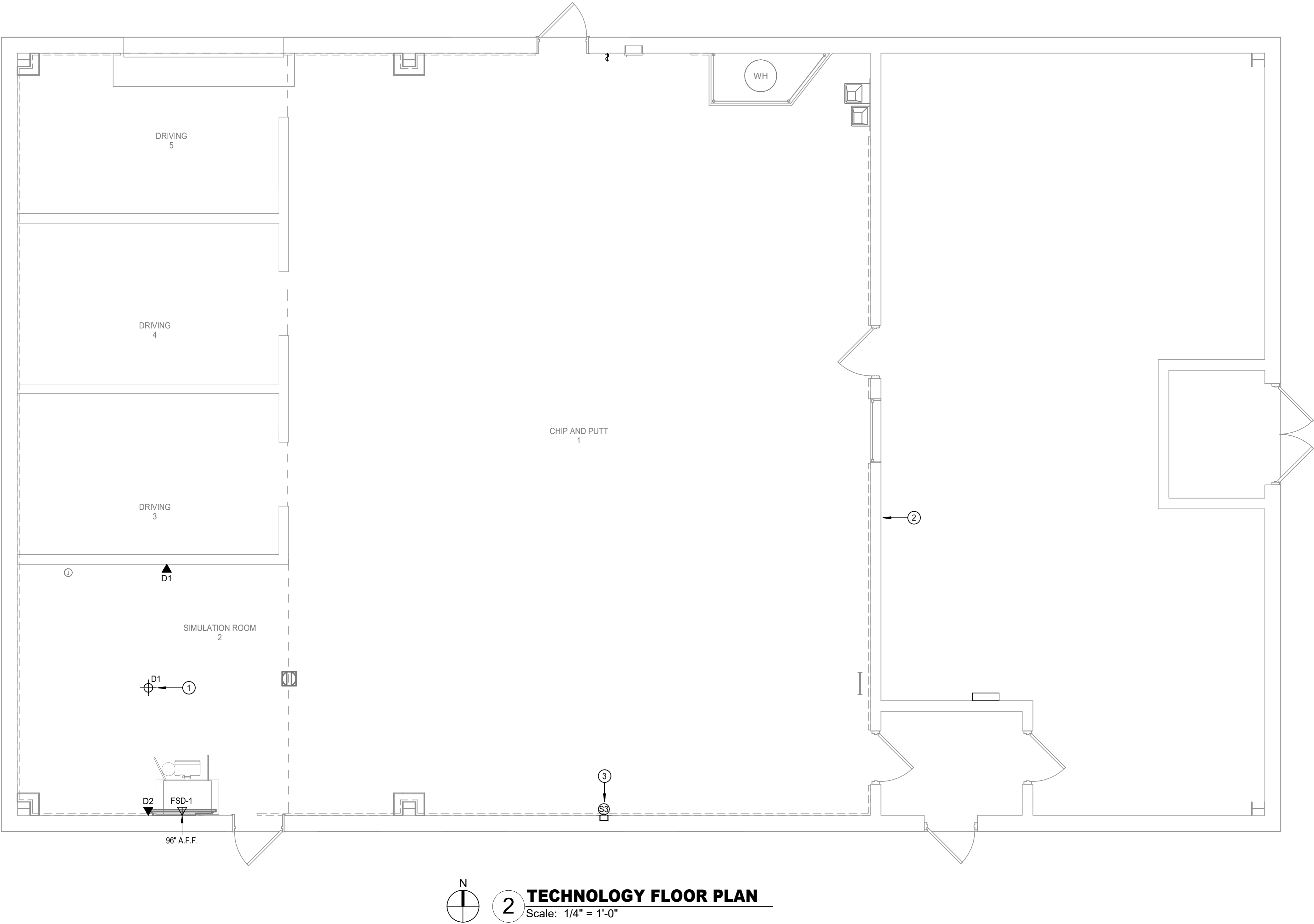
RESPONSIBILITY MATRIX				
SCOPE ITEM		RESPONSIBILITY		NOTES
COMMUNICATIONS - DIVISION 27		OFCI	CFCI	OFCI
CATEGORY 66A STRUCTURED CABLING SYSTEM			✓	
FLAT PANEL DISPLAYS			✓	
FLAT PANEL DISPLAY MOUNTS			✓	
OFCI - OWNER FURNISHED AND OWNER INSTALLED CFCI - CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED OFCI - OWNER FURNISHED AND CONTRACTOR INSTALLED				
RESPONSIBILITY MATRIX NOTES: 1. NONE IN PROJECT. 2. OWNER CONFIGURED, CONTRACTOR INSTALLED AND PATCHED. 3. OWNER CONFIGURED, CONTRACTOR INSTALLED AND PATCHED. CONTRACTOR TO PROVIDE AND INSTALL WALL MOUNT BRACKETS AND HIGH IMPACT ENCLOSURES. 4. BY DIVISION 26. 5. REFERENCE DIVISION 8 FOR DOOR HARDWARE. 6. BY DIVISION 11. 7. BY DIVISION 27. 8. UNLESS SPECIFIED OTHERWISE				

SUBSCRIPTS AND ABBREVIATIONS	
TEXT	DESCRIPTION
'WP'	DEVICE SHALL BE WEATHER PROOF AND RATED FOR EXTERIOR CONDITIONS
•	FIELD COORDINATE ELEVATION
AFF	ABOVE FINISHED FLOOR
'UC'	DEVICE IS TO BE MOUNTED ON THE UNDERSIDE OF THE ELEVATED CANOPY.

SUBSCRIPTS LEGEND - EXISTING DEVICES	
TEXT	DESCRIPTION
'E'	EXISTING TO REMAIN.
'D'	DEVICE IS EXISTING AND IS TO BE REMOVED. CONTRACTOR TO REMOVE THE DEVICE AND RETURN TO OWNER.
'RR'	REMOVE EXISTING DEVICE AND RELOCATE TO A LOCATION INDICATED ON THE DRAWINGS.

NOTES TO CONTRACTOR	
1.	EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS.
2.	SYSTEM INSTALLERS SHALL COORDINATE LOCATIONS AND CONNECTIONS WITH THE PROJECTS ELECTRICAL CONTRACTOR.
3.	CONTRACTOR TO PROVIDE PROPERLY GROUNDED LIGHTING PROTECTION ON ALL CABLING ENTERING AND EXITING THE BUILDING.

TECHNOLOGY KEYED NOTES	
1	DATA TO BE FOR PROJECTOR MOUNTED TO TRACKMAN CAGE SYSTEM.
2	APPROXIMATE LOCATION OF EXISTING WALL MOUNTED TELECOMMUNICATIONS CABINET. NEW DATA CABLES SHOULD BE HOMERUN BACK TO THIS CABINET.
3	EXISTING INTERCOM SPEAKER. CONTRACTOR TO REMOVE EXISTING SPEAKER AND REPLACE WITH NEW. VERIFY SPEAKERS USED IN EXISTING MIDDLE SCHOOL BUILDING, AND PROVIDE NEW FOR THE INDOOR GOLF FACILITY. ENSURE NEW SPEAKER IS HOMERUN BACK TO EXISING INTERCOM SYSTEM.



STRUCTURED CABLING Horizontal Cabling		Communications Equipment Room Fittings		General		
Requirements	Copper cable shall be Category 6 plenum rated cable (blue in Color) for all work station drops.	Horizontal cable management <ul style="list-style-type: none">Horizontal cable manager shall be a 2 RU Chatsworth part #30130-719.No substitutions.		Contractor is required to properly mount integrated AV solutions and connect all ceiling video / audio cables to projector component inputs.		
	Approved Category 6 cables are as follows.	Vertical cable management <ul style="list-style-type: none">Vertical cable manager shall be Chatsworth part #30095-703.No substitutions.		Contractor is required to thoroughly test and verify operation of all AV inputs and video modes prior to project completion.		
	Superior Essex Cat6 Plenum Part #s	77-240-2B blue 77-240-4B white 77-240-6B yellow 77-240-5B green	Optical fiber patch panel / enclosure <ul style="list-style-type: none">Optical fiber enclosure shall be Corning LC loaded rack mount panel.		Contractor is required to focus and adjust projector to properly project image on viewing surface (screen or multimedia board depending on location)	
	Mohawk Cat6 Plenum Part #s	M58281B Blue M58280B white M58283B yellow M58286B green	CCH-04U CCH-01U CCH-CP24-E4 SOCC-LC-900-OM4		Damage: The Contractor shall replace or rework cables showing evidence of improper handling including stretches, kinks, short radius bends, over tightened bindings, loosely twisted and over-twisted pairs at terminals and cable shield removed too far (over 1-1/2 inches).	
	Berk-Tech Cat6 Plenum Part #s	10136226 blue 10136230 white 10136749 yellow 10136748 green	No Substitutions.		The Contractor shall replace any damaged ceiling tiles that are broken during cable installation.	
	General Cat6 Plenum Part #s	7131800 blue 7131841 white 7131802 yellow 7131806 green	Ladder racking <ul style="list-style-type: none">Ladder racking shall be Chatsworth #10250-718.The appropriate Chatsworth mounting hardware shall be used.No substitutions.		Clean Up: All clean up activity related to work performed will be the responsibility of the Contractor and must be completed daily before leaving the facility.	
	DLConnector shall be Leviton part # 6111D-R06 eXtreme 6 connector for all workstation drops.	Power protection power strips <ul style="list-style-type: none">PDU's are to be placed in all data racks.PDU shall have overload protection and easy to reset circuit breaker.PDU shall be rack mountable.PDU shall be constructed from 18 AWG steel.PDU shall have light emitting diodes to indicate "Power On" and "Ground/Polarity OK" feature.PDU shall be rated for 20 Amps and have a 12' LS-20P plug and ten 5-20R receptacles.No substitutions.		Station Wiring Installation <ul style="list-style-type: none">General: All cable must be handled with care during installation so as not to change performance specifications. Factory twists of each individual pair must be maintained up to the connection points at both ends of all category 6 cable. There shall never be more than one and one-quarter inch of unsheathed enhanced Category6 UTP cable at either the wiring USB Transmitter or Receiver.Exposed Cable: All cabling shall be installed inside walls or ceiling spaces whenever possible. Exposed station cable will only be run where installed on the Drawings. Additional exposed cable runs will require Owner approval and will only be allowed when no other options exist.Placement: All cabling and associated hardware shall be placed so as to make efficient use of available space. All cabling and associated hardware shall be placed so as not to impair the Owner's efficient use of their full capacity.Cable Routes:<ol style="list-style-type: none">All ceiling placed in ceiling areas must be in conduit, cable tray or an approved J-Hook cable support. Cable supports shall be permanently anchored to building structure or substrates. Provide attachment hardware and anchors designed for the structure to which attached and that are suitably sized to carry the weight of the cables to be supported. Do not route cable through webbing of structural steel. Cabling must be supported in dedicated supports intended to support cabling as described in the section. Contractor shall adhere to the manufacturer's suggested fill ratio for each size cable support installed.Attaching cable to pipes or other mechanical items is not permitted. Communications cable shall be routed so as to provide a minimum of 18 inches spacing from light fixtures, sources of heat, power feeder conduits and EMI sources. Cabling shall not be attached to ceiling. Grid support wires. Cable runs shall be routed down the corridors, parallel or perpendicular to building structure. Multiple cables to be bundled together at and between each cable support installed.Contractor shall be responsible for coordinating with other trades on the project so that the installed cable pathway does not interfere with the installation of other systems to insure that mechanical ducts, pipes, conduits, or any other above ceiling systems are not putting unnecessary stress on any portion of the install audio-video cabling.		
	Contractor shall provide Midlothian ISD, Technology Department, one 5' category 6 patch cord, (blue in color) for each category 6 work station cable installed. To be installed by contractor at the network cabinet.	End of Section		End of Section		
	Each cable shall be terminated on the existing patch panel in existing wall mounted cabinet.	Cable management <ul style="list-style-type: none">Vertical cable manager shall be installed on every rack vertical rail. Where two rack rails will be butted together there shall be two vertical wire managers between the racks.Horizontal wire managers shall be utilized above and below every copper and fiber patch panel.All cables shall sweep in and out of any cable management product without a deformation of cable jacket.Ensure cables are properly supported when using cable management to ensure cables do not sag.Utilize Velcro ONLY for securing of cables on cable management.		Equipment 1.01 System Manufacture <ul style="list-style-type: none">Contractor shall coordinate/ verify existing system manufacturer in the middle school. 1.02 Intercom Systems Equipment 1.02.a Telecor Intercom Equipment <ul style="list-style-type: none">Intercom Wall Mounted Speaker shall match existing speaker manufacturer in the existing middle school. New speaker should be compatible with existing intercom system and its full functionalities.		
	All Category 6 connectors shall be placed into QuickPort faceplates at the workstation end.	Copper and Fiber patching panels <ul style="list-style-type: none">Route all cables to backside of termination panels in an asymmetrical orientation to ensure cable bundles are split evenly.Utilize rear wire management bars for supporting cables into point of termination.Secure all cables on all panels using Velcro ONLY to prevent cables from pulling away.		Installation 2.01 Systems Installation <ul style="list-style-type: none">All non-IP cabling shall be shielded and have a minimum of 5 conductors.All network IP cabling shall be Cat6 (See Structured Cabling System Specifications for cabling information)All circuits and cabling shall be labeled at all terminating ends.All devices shall be mounted according to the manufacturer's specifications.All devices shall be properly adjusted and tested prior to job completion.All non-IP room circuits shall run from the intercom system to the call button then to the room speaker.All extra speaker wire taps shall be insulated.All rooms shall be individually wired and terminated at the intercom system on individual points. (No Doubling)All call buttons shall be labeled with their corresponding system point number.Protective grommets shall be installed on all conduits to protect wire.All wire shall be run in J hooks above ceiling with a minimum space of 4" from ceiling deck. All wire shall be in separate pathways 6" from other system wiring. No wire ties allowed. No wire shall be run between the red iron and roof deck.All wire ran between building shall be in conduit and shall be direct burial cable. It shall be a minimum of 5 conductor 18 AWG copper.Installer shall supply the electrical and/or masonry contractors with specialty back boxes and coordinate with them to ensure that all necessary conduits, back boxes, etc. are installed in the proper locations.Follow and adhere to installation practices specified by NFPA-700 National Electric Code, Edition 2008.Follow and adhere to installation practices specified by the Manufacturers.		
Faceplate shall be Leviton part # 41080-dwp	End of Section		End of Section			
No substitutions.	Quality Assurance <ul style="list-style-type: none">Install all components as directed by Manufacturer's installation guidelines.All products shall bear the mark of UL or ETL for performance level.System installation shall meet all applicable Local/State codes and safety requirements where project is located.All products shall be new and un-used in original packaging.Follow and adhere to installation practices specified by the applicable Telecommunications Industry Association standards.Follow and adhere to installation practices specified by BICSI Information Transport System Installation.Follow and adhere to installation practices specified by BICSI Telecommunications Distribution Methods.Follow and adhere to installation practices specified by NFPA-700 National Electric Code.Follow and adhere to installation practices specified by the Manufacturers.Contractor shall make available all ceiling and termination work for inspection by Manufacturer's representative or owner's representative.Contractor shall replace all defective components.		Installation 2.02 Quality Assurance <ul style="list-style-type: none">Install all components as directed by Manufacturer's installation guidelines.All products shall bear the mark of UL or ETL for performance level.System installation shall meet all applicable Local/State codes and safety requirements where project is located.All products shall be new and un-used in original packaging.			
	Bidder/Installer Qualifications <ul style="list-style-type: none">Bidding Contractor shall be a licensed to install telecommunications systems in the state where work will be performed.Bidding Contractor shall be Leviton certified for at least one yearBidding Contractor shall have a minimum of 5 years experience installing structured cabling for telecommunications.Bidding Contractor shall have the capability to bond project in its entirety.Bidding Contractor shall be able to provide insurance at the request of the owner.Installer shall have an onsite supervisor and one technician who are certified by the Manufacturer to install the Manufacturer's telecommunications products.Communications Contractor shall have an RCDD on staff for at least one year, to certify that the Communications System can support the required applications on the various cabling media.Installer shall have obtained Leviton certification from the Manufacturer within 1 year prior to performing the Work.		2.03 Bidder/Installer Qualifications <ul style="list-style-type: none">Bidding Contractor shall have a minimum of 5 years experience installing school intercom systems.Bidding contractor shall be able to provide insurance at the request of the owner.			
	Delivery, Storage, and Protection <ul style="list-style-type: none">Communications Contractor shall ensure that materials delivery to work area shall be coordinated with construction site manager responsible for materials distribution to all trades.Communications Contractor is responsible for all materials, tools and vehicles left on the job site.Communications Contractor shall coordinate a disposal bin for the removal of all trash produced by the Communications Contractor personnel during the project.Communications Contractor shall ensure materials are stored in an environmental area where:<div>Temperature does not exceed 120 degrees Fahrenheit nor below 32 degrees Fahrenheit.</div><div>Humidity does not exceed 80 %.</div><div>No direct exposure to sunlight.</div>Follow Manufacturer's recommendations for handling of materials.		2.04 Delivery, Storage, and Protection <ul style="list-style-type: none">Contractor shall ensure that materials delivery to work area shall be coordinated with construction site manager responsible for materials distribution to all trades.Contractor is responsible for all materials, tools and vehicles left on the job site.Follow Manufacturer's recommendations for handling of materials.			
	Warranty <ul style="list-style-type: none">Communications Contractor shall provide a 1 year parts and labor warranty against defective workmanship and/or system component failure.Communications Contractor shall execute a Lifetime Applications Assurance Warranty for parts and labor to support stated applications from the connectivity Manufacturer.		2.05 Scheduling <ul style="list-style-type: none">Contractor shall provide a detailed construction schedule with hard dates for completion of roughing in cables, terminations and testing once scheduling sequence has been determined to the Owner's Project Manager. 2.06 Warranty <ul style="list-style-type: none">Contractor shall provide a 1 year parts and labor warranty against defective workmanship and/or system component failure.			
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