

300 CHASE PARK SOUTH • SUITE 200 • HOOVER, ALABAMA 35244
205-988-9112

ADDENDUM NO. 7
NEW SOFTBALL COMPLEX FOR TRUSSVILLE CITY SCHOOLS
Architect Job No. 23-72
April 23, 2024
DCM # 20240224

BIDS DUE:

Thursday, April 25, 2024, until
2:00 p.m., local time at
Trussville City Board of Education,
476 Main Street
Trussville AL 35173

The Plans and Specifications are hereby amended. The following supersedes all contrary and/or conflicting information and is made part of the contract documents.

GENERAL

1. See the attached **REVISED** Proposal Form, **Attachment – Unit Prices**, Accounting of Sales Tax Attachment to be included in bid documents in lieu of any previous version.

SPECIFICATIONS

1. Reference **Section 01020 – Allowances** **REVISE** as follows:

- 3.3 **Schedule of Allowances**

Allowance No. 1: Include a contingency allowance of \$100,000.00 for the Owner's use throughout the project for unforeseen conditions as directed by the Architect.

Allowance No. 2: Include a quantity allowance of 2,500 cubic yards of replacement of unsuitable soils with compacted structural fill. This Base Bid grading shall include the required cutting and filling of the existing grade to the proposed subgrade elevation. Onsite Geotechnical engineer shall determine if unsuitable soils are present. Unit price is provided for the addition to or deletion from this assumed amount. Refer to Section 02300. This allowance shall include all costs associated with removing unsuitable soil from below subgrade elevation, off-site disposal, and placement of the structural fill as directed by the geotechnical engineer.

Allowance No. 3: Include a contingency allowance of \$10,000.00 as an AID -to-Construction for utility fees.

Allowance No. 4: Include a quantity allowance under base bid for providing an additional 1 ton of in-place medium – heavy structural steel system construction, not otherwise indicated, to be shop fabricated, primed, and installed at the direction of the architect. This steel may be used throughout the project at multiple locations of any divisible quantity denomination or location, including but not limited to: lintels, beams, columns, shelf angles, edge angles, bent plates, rebar, joists, etc.

Allowance No. 5: Include a quantity allowance under base bid for providing an additional 1/2 ton of in-place miscellaneous steel system construction, not otherwise indicated, to be fabricated, primed, and installed at the direction of the architect. This steel may be used throughout the project at multiple locations of any divisible quantity denomination or location, including but not limited to: finished railings, clip angles, embeds, stair components, etc.

Allowance No. 6: Include a lump sum allowance of \$105,000 to provide and install additional plant, shrub, sod, soil, irrigation, and mulch materials/labor. Unit price is provided for the addition to or deletion from this assumed amount. Refer to Unit Price schedule.

Allowance No. 7: Geogrid

Include a quantity allowance of 5,000 square yards of geogrid to be used in combination with or in lieu of undercutting unsuitable soils. This allowance shall include all costs associated with providing and placement of the geogrid as directed by the geotechnical engineer. Onsite Geotechnical engineer shall determine if unsuitable soils are present. Unit price is provided for the addition to or deletion from this assumed amount.

Allowance No. 8: ALDOT #57 stone

Include a quantity allowance of 500 tons of ALDOT #57 stone to be used in combination with or in lieu of undercutting unsuitable soils. This allowance shall include all costs associated with providing and placement of stone as directed by the geotechnical engineer. Onsite Geotechnical engineer shall determine if unsuitable soils are present. Unit price is provided for the addition to or deletion from this assumed amount.

Allowance No. 9: ALDOT 825B Stone

Include a quantity allowance of 550 tons of ALDOT 825B stone to be used in combination with or in lieu of undercutting unsuitable soils. This allowance shall include all costs associated with providing and placement of stone as directed by the geotechnical engineer. Onsite Geotechnical engineer shall determine if unsuitable soils are present. Unit price is provided for the addition to or deletion from this assumed amount.

Allowance No. 10: Include a contingency allowance of \$110,000.00 for the Owner's use throughout the project for purchase and installation of lockers as directed by the Architect.

ADD: Allowance No. 11: Include an AID-to-Construction allowance of \$ 5,000.00 for APCO charges associated with the project as directed by the electrical engineer.

2. **ADD** attached **SECTION 02710.5 – FIELD BASE & DRAINAGE** in its entirety.

3. **Section 02731 – Synthetic Turf:** 1.2 Summary **REVISE** the following:

C. Related Work includes:
02710.5 – Field Base & Drainage

4. **ADD** attached **SECTION 09515 – CEMENTITIOUS WOOD FIBER PANELS** in its entirety.

DRAWINGS

1. See attached Sheet **C5.1** for revisions to JCES Plan & Profile.
2. See attached Sheet **SP1.0** – Layout and Material Plan **REVISED TO ADD** the following Field Equipment Notes:

“14. **OUTFIELD DISTANCE MARKERS (VINYL LETTERS, PLASTIC PANEL, ZIP-TIED TO FENCE, LF, CF, RF).**”
3. See attached Sheet **SP6.1** – DETAILS revised Detail 3 “IN-GROUND RECEPTACLES”.
4. See attached Sheet **SP6.2** – DETAILS revised Detail 3 “PLYOWALL MAT-BACK”.

CLARIFICATIONS

1. The approved fabricators for section 11400 shall include Atlanta Custom Fabricator, LowTemp, and Advance Tabco or equal.
2. The Concession Canopy sizes are 1-16x4 and 2-5x3, Locker Room Canopy sizes are 4-12x6 and 2-6'-8'x6. Canopies finish to be 3-Coat Kynar finish.
3. Reference Sheet **A1.1** provide a prefinished aluminum enclosure for the entire OSA unit.
4. PVC conduit is acceptable for all below grade conduits. 90-degree bend and vertical conduit will need to be metal per specs.
5. Bullpen pitching lanes require subsurface nailer boards for future replacement (see details) but not their own set of replacement turf panels.
6. Bullpen batter's boxes do not require subsurface nailer boards or replacement panels.
7. It is acceptable to use 15" or 18" RCP underneath the drive, field verify that there is enough cover for the pipe as well as any utility crossings to ensure the system operates as intended.

APPROVED MANUFACTURERS

The following manufacturers have submitted data for prior approval and have been approved by our office, **contingent upon the stipulation that their products must meet or exceed the contract specifications.**

Product

02731 Safe Sheel/Olive Pit Infill

Elia Renufill (Infill)

Manufacturer

Safe Play LLC

PROPOSAL FORM

To: Trussville City Board of Education Date: _____

In compliance with your Advertisement for Bids and subject to all the conditions thereof, the undersigned,

(Legal name of Bidder)

hereby proposes to furnish all labor and materials and perform all work required for the construction of
WORK: New Softball Complex for Trussville City Schools, Architect's Job No. 23-72, in accordance with
Drawings and Specifications, dated, March 15, 2024, prepared by Lathan Associates Architects, P.C.,
300 Chase Park South, Suite 200, Hoover, AL 35244, Architect.

The Bidder, which is organized and existing under the laws of the State of _____,
having its principal offices in the City of _____,
is: _____ a Corporation _____ a Partnership _____ an individual _____ (other) _____,

LISTING OF PARTNERS OR OFFICERS: If Bidder is a Partnership, list all partners and their addresses; if
Bidder is a Corporation, list the names, titles and business addresses of its Officers:

BIDDER'S REPRESENTATION: The Bidder declares that it has examined the site of the Work, having
become fully informed regarding all pertinent conditions, and that it has examined the Drawings and
Specifications (including all Addenda received) for the Work and the other Bid and Contract Documents
relative thereto; and that it has satisfied itself relative to the Work to be performed.

ADDENDA: The Bidder acknowledges receipt of Addenda Nos. _____ through _____
inclusively.

ALLOWANCES: The Bidder acknowledges by initials _____ that he/she has read Specification
Section 01020 - Allowances and has included cost of same in bid.

ALABAMA IMMIGRATION LAW COMPLIANCE: The Bidder acknowledges by initials _____ that he/she will
comply with H.B. 56 - Alabama Immigration Law Compliance.

BASE BID: For construction complete as shown and specified, the sum of _____
Dollars (\$ _____)

ALTERNATES: If alternates as set forth in the Bid Documents are accepted, the following adjustments are
to be made to the Base Bid: **N/A**

UNIT PRICES: See Attachment

BID SECURITY: The undersigned agrees to enter into a Construction Contract and furnish the prescribed Performance and Payment Bonds and evidence of insurance within fifteen calendar days, or such other period stated in the Bid Documents, after the contract forms have been presented for signature, provided such presentation is made within 30 calendar days after the opening of bids, or such other period stated in the Bid Documents. As security for this condition, the undersigned further agrees that the funds represented by the Bid Bond (or cashier's check) attached hereto may be called and paid into the account of the Awarding Authority as liquidated damages for failure to comply.

Attached hereto is a: *(Mark the appropriate space and provide the applicable information.)*

____ Bid Bond, executed by _____ as Surety,
____ cashier's check on the _____ Bank of _____,
for the sum of _____ Dollars
(\$ _____) made payable to the Awarding Authority.

BIDDER'S ALABAMA LICENSE:

State License for General Contracting: _____
License Number Bid Limit Type(s) of Work

CERTIFICATIONS: The undersigned certifies that he or she is authorized to execute contracts on behalf of the Bidder as legally named, that this proposal is submitted in good faith without fraud or collusion with any other bidder, that the information indicated in this document is true and complete, and that the bid is made in full accord with State law. Notice of acceptance may be sent to the undersigned at the address set forth below.

The Bidder also declares that a list of all proposed major subcontractors and suppliers will be submitted at a time subsequent to the receipt of bids as established by the Architect in the Bid Documents but in no event shall this time exceed twenty-four (24) hours after receipt of bids.

Legal Name of Bidder _____

Mailing Address _____

* **By (Legal Signature)** _____ (Seal)

* Name & Title (print) _____

Telephone Number _____

Email Address _____

* If other than an individual proprietor, or an above named member of the Partnership, or the above named president, vice-president, or secretary of the Corporation, attach written authority to bind the Bidder. Any modification to a bid shall be over the initials of the person signing the bid, or of an authorized representative.

Note: A completed DCM Form C-3A: Accounting of Sales Tax must be submitted with DCM Form C-3: Proposal Form. Submission of DCM Form C-3A is required, it is not optional. A proposal shall be rendered non-responsive if an Accounting of Sales Tax is not provided.

PROPOSAL FORM ATTACHMENT

UNIT PRICES

For certain items of **credit or extra work**, if required, the undersigned proposes UNIT PRICES as follows:

Remove/Replace Unsuitable Soils	\$ _____ /per cu. yd.
Geogrid	\$ _____ /per cu. yd.
Aldot #57	\$ _____ /per ton
Aldot 825B Stone	\$ _____ /per ton
Natchez Crapeyrrtle (8'-10' HT).	\$ _____ /each
Bosque Elm (3"-3.5" cal.)	\$ _____ /each
Oakleaf Holly (6-7" HT)	\$ _____ /each
Nellie R. Stevens Holly (6-7' HT)	\$ _____ /each
Limelight Hydrangea (7g)	\$ _____ /each
Pink Muhly Grass (3g)	\$ _____ /each
Adagio Maiden Grass (3g)	\$ _____ /each
Copperstone Distylium (7g)	\$ _____ /each
419 Bermuda Sod	\$ _____ /per sq yd.
Pine Straw Mulch (3" Depth)	\$ _____ /per sq ft.
Screened Topsoil	\$ _____ /per cu. yd.
6' HT. Black Vinyl Coated Fencing	\$ _____ /per LF.
4' Fence Gate. Match Fence Material	\$ _____ /each
10' Fence Gate. Match Fence Material	\$ _____ /each
1" Class 200 PVC Pipe	\$ _____ /per LF.
2" Class 200 PVC Pipe	\$ _____ /per LF.
3" Class 200 PVC Pipe	\$ _____ /per LF.
1" Rainbird PGA Valve	\$ _____ /each
2" Rainbird PGA Valve	\$ _____ /each
Rainbird 1806 Body W/ He-Van Nozzle	\$ _____ /each
Standard Valve Box	\$ _____ /each

Modular Retaining Wall	\$ _____/per sq ft.
24" Valley Gutter	\$ _____/per LF
4' High Black Vinyl Chain Link Fence	\$ _____/per LF
18" Curb & Gutter	\$ _____/per LF
Standard Duty Asphalt Paving	\$ _____/per sq ft.
Stormtech SC-740 Chamber	\$ _____/per LF
4" Foundation Drain	\$ _____/per LF
Grading: Cut/Fill in place	\$ _____/ per cu. yd.
Import fill & compact in place	\$ _____/ per cu. yd.
Haul off excess fill	\$ _____/ per cu. yd.
Hooded Grate Inlet (5' deep)	\$ _____/each
Storm Manhole (6' deep)	\$ _____/each
18" HDPE installed (6' deep)	\$ _____/per LF
24" HDPE installed (6' deep)	\$ _____/per LF
Medium – Heavy Structural Steel	\$ _____/per ton
Miscellaneous Steel	\$ _____/per ton

Note: All grading shown on the drawings shall be included in the Base Bid as Unclassified to required subgrade elevations. This Base Bid grading shall include the required cutting and filling of the existing grade to the proposed subgrade elevation. Onsite Geotechnical engineer shall determine if unsuitable soils are present.

Refer to SECTION 02300 - EARTHWORK for additional information regarding undercut & replacement of unsuitable soils and associated quantity allowance.

Note: Costs for profit and overhead shall be included in Unit Prices.

Note: Unit Prices are provided for the addition to or deletion from the contract Base Bid.

BIDDER (to be signed by an Officer of the Company)

_____ by _____
(Name/Title) (Legal Signature)

WITNESS (to the above signature)

_____ by _____
(Name/Title) (Legal Signature)

ACCOUNTING OF SALES TAX

Attachment to DCM Form C-3: Proposal Form

To: Trussville City Board of Education **Date:** _____
(Awarding Authority)

NAME OF PROJECT: New Softball Complex for Trussville City Schools

SALES TAX ACCOUNTING

Pursuant to Act 2013-205, Section 1(g) the Contractor accounts for the sales tax NOT included in the bid proposal form as follows:

	<u>ESTIMATED SALES TAX AMOUNT</u>
BASE BID:	\$ _____

Failure to provide an accounting of sales tax shall render the bid non-responsive. Other than determining responsiveness, sales tax accounting shall not affect the bid pricing nor be considered in the determination of the lowest responsible and responsive bidder.

Legal Name of Bidder _____

Mailing Address _____

* By (Legal Signature) _____

* Name (type or print) _____

* Title _____ *(Seal)*

Telephone Number _____

Email Address _____

Note: A completed DCM Form C-3A: Accounting of Sales Tax must be submitted with DCM Form C-3: Proposal Form. Submission of DCM Form C-3A with DCM Form C-3 is required, it is not optional. A proposal shall be rendered non-responsive if an Accounting of Sales Tax is not provided.

FIELD BASE & DRAINAGE - SECTION 02710.5

PART 1 GENERAL

- 1.1 Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.
- 1.2 SUMMARY:
- A. The work under this Section will include, but not necessarily be limited to, the following, complete and in accord with the Specifications:
 - 1. Subgrade preparation and testing with a slope as shown on the Drawings.
 - 2. Laser grade subgrade, drainage layer and choker layer utilizing laser activated/controlled equipment from off-board transmitter to achieve accurate equipment blade positioning;
 - 3. Provision all materials, equipment, labor, services and incidentals as required to install a system of subsurface drainage piping, drainage layer media and related items.
 - 4. Testing as specified and/or required.
 - B. Related Work includes:
 - 2. Section 02220 - Earthwork
 - 3. Section 02731 - Synthetic Turf
- 1.3 SUBMITTALS:
- A. At time of Bid, submit the following contractor qualifications for the work of this section:
 - 1. Active membership, in good standing, with the American Sports Builders Association (ASBA) and/or The Synthetic Turf Council (STC)
 - 2. A list providing specific contacts and telephone numbers for ten (10) completed stone bases and drainage systems for synthetic turf field project of NFHS level of competition or higher.
 - 3. Resume of installation supervisor with a minimum of five (5) years experienced who will be present on-site during installation, including a list of installations and the qualifications of the workers.
 - 4. The Contractor is acceptable to the synthetic turf manufacturer/installer. Obtain in writing.
 - B. Submit manufacturer's product data for each product specified. Submit the manufacturer's specifications, product brochures, and installation instructions. Include details of construction relative to materials and dimensions of individual components, and certifications and other data required to show compliance with the contract documents.
 - C. Provide testing of drainage layer media for compliance with specified characteristics, bridging compatibility and final permeability (ASTM F2898-19) tests on the finished base stone. Submit results and maintain one (1) copy of all test results on-site for reference.

- 1.3 D. Provide testing of final surface planarity (EN13036-7). Submit results and maintain one (1) copy of test results on-site for reference.

1.4 STANDARDS:

- A. ASTM Standard Test Methods / Specifications (latest standards):
1. C131 Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
 2. C88 Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
 3. D698 Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort
 4. F2898 Standard Test Method for Permeability of Synthetic Turf Sports Field Base Stone and Surface System by Non-confined Area Flood Test Method
- B. European Standards:
1. EN13036-7 Surface Regularity (3m Straight Edge)
- C. American Association of State Highway and Transportation Officials (AASHTO)

1.5 QUALITY ASSURANCE:

- A. Installer Qualifications:
1. Provide competent workmen skilled in this specific type of synthetic grass base installation.
 2. The designated Supervisory Personnel on the project must be certified, in writing by the turf Manufacturer, as competent in the installation.

1.6 JOB CONDITIONS:

- A. Dust Control:
1. Use all means necessary to control dust on and near the Work and on and near all off-site borrow areas if such dust is caused by the Contractor's operations during performance of the Work or if resulting from the condition in which the Contractor leaves the site.
 2. Thoroughly moisten all surfaces as required to prevent dust being a nuisance to the public and concurrent performance of other work on site.
- B. Protection:
1. Use all means necessary to protect all materials of this Section before, during and after installation; to protect all objects designated to remain, existing construction and to protect the public.
 2. In the event of damage, immediately make all repairs and replacements necessary to the approval of the Owner's Representative and at no additional cost to the Owner.

2.0 MATERIALS:

2.1 FILTER FABRIC:

- A. Non-woven polypropylene. 4.5oz minimum.
- B. Acceptable products:
 - 1. Propex, 451
 - 2. Mirafii , 140N.
 - 3. Haynes, NO4.5

2.2 DRAINAGE SYSTEM:

- ~~A. Panel Drain : Hydraway 2000, manufactured by Hydraway Drainage Systems- (800-223-7015). 12" width roll or approved substitute.~~
- B. Perforated Drain Pipe; Advanced Drainage Systems, (ADS) N12, smooth interior wall corrugated, perforated class II (slot), polyethylene pipe or approved substitute. Diameters as shown on the Drawings.
- C. Solid Drain Pipe; Advanced Drainage Systems, (ADS) N12, smooth interior wall corrugated, polyethylene pipe or approved substitute. Diameters as shown on the Drawings.
- D. Furnish complete with bends, adapters, couplings, collars, fittings and joint materials supplied by or approved by pipe manufacturer.

2.3 DRAINAGE LAYER MEDIA:

- A. General:
 - 1. Approval Required: Drainage Layer Media is subject to the approval of the Owner's Representative at all times.
 - 2. Mechanically crushed limestone or granite, angular and elongated in nature
 - 3. Rounded or river stone is not acceptable
 - 4. Drainage Layer Media to comply with AASHTO requirements and will be cleaned of and free of all deleterious materials as defined therein.
 - 5. Provide testing of drainage layer media for compliance with specified characteristics and bridging compatibility. A minimum of three (3) initial samples of both media types will be tested for approval.
- B. Provide Drainage Layer Media aggregate conforming to the following:
 - 1. Stone Drainage Layer: Washed, crushed stone and meeting the following gradation: AASHTO #57 Stone
 - 2. Stone Choker Layer: Washed, crushed stone and meeting the following gradation: AASHTO #89 Stone
 - 3. LA Abrasion (ASTM C-131): <40
 - Sulfate Soundness (ASTM C-88): <12% (by weight)

- 2.4 OTHER MATERIALS: All other materials, not specifically described but required for a complete and proper installation, to be selected by the Contractor subject to the approval of the Owner's Representative.

PART 3 - EXECUTION:

3.1 GENERAL:

- A. Familiarization: Prior to all work of this Section, become thoroughly familiar with the site, site conditions, and all portions of the Work in this Section.
- B. Inspect and test all areas of the site in the presence of the Owner's Representative. Check elevations, lines, grades, conditions to assure specified drainage layer media depths and final finished grades.
- C. Operations Prior to Approvals:
 - 1. Do not allow or cause any work to be performed or installed to be covered or enclosed by work of this Section prior to all required inspections, tests and approvals.
 - 2. Should any work be so enclosed or covered before it has been approved, uncover at no additional cost to the Owner.
 - 3. After work has been completely tested, inspected, and approved, make all repairs and replacements necessary to restore the work to the condition in which it was found at the time of uncovering, all at no additional cost to the Owner.

3.2 FIELD PREPARATION:

- A. Subsurface Preparation:
 - 1. Leveling: Remove all ruts, hummocks and other uneven surfaces by surface grading.
 - 2. Laser grade areas as shown on the Drawings. Bring areas to uniform grade. Allow for drainage layer and synthetic turf placement. Maintain positive drainage on all surfaces as shown on the Drawings. Compact to 98% Standard Proctor (ASTM 698-21).
 - 3. In the presence of the Owner's Representative, proof roll entire field with a 50,000 pounds gross weight, tandem dump truck with tires inflated to between 70psi and 90psi. Subgrade is to be non-yielding under the load. Correct any weak areas or areas that exhibit 'pumping' and retest.
- B. Trenching/Subgrade Shaping:
 - 1. Perform all trenching and subgrade shaping as required for the installation of the work of this Section.
 - 2. Trench and shape as shown on the Drawings and as required for joining, backfilling and compacting.
 - 3. Depth: As required to provide the elevations called for on the Drawings. Where elevations are not shown, trench and shape to sufficient depth to provide positive system drainage.
 - 4. Correction of faulty grades: Where excavation is inadvertently carried below proper elevations, backfill with material approved by the Owner's Representative and then compact to provide a firm and unyielding

subgrade and/or foundation to the approval of the Owner's Representative and at no additional cost to the Owner.

3.3 SUBSURFACE DRAINAGE SYSTEM:

A. Filter Fabric:

1. Install filter fabric as detailed providing required lap onto adjacent surfaces. Install to conform to all surfaces beneath fabric so that fabric will not be displaced during subsequent backfilling operations.
2. Secure fabric overlap to adjacent surfaces by stapling or other approved method. Install staples at centers sufficient to prevent displacement of fabric.
3. Overlap all fabric edges 12" minimum and secure using staples to prevent opening of joint.

B. Drainage System:

1. Install pipe in accord with Manufacturer's instructions and as specified herein.
2. Lay pipe as detailed and shown on the Shop Drawings, true to line and grade.
3. Install couplings, fittings and other appurtenances as required or detailed.
4. Terminate pipe as shown on Drawings. Remove burrs, rough and/or torn edges from cuts as directed.
5. Install geo-composite drain tile as detailed and in accord with Manufacturer's instructions, true to line and grade.

3.4 STONE DRAINAGE LAYER:

A. Stone Drainage Layer Fill:

1. Place drainage media fill as detailed and required, using care not to damage or displace drainage system.
2. Compact stone with a vibratory roller to settle, compact and align the stone facets in no more than 5" lifts.
3. Install to assure complete cover of pipe. Leave no voids and compact to preclude settlement. Do not crush drainage system.
4. Establish intermediate grade by laser grading methods and compact.

B. Stone Choker Layer Fill:

1. Place media fill as detailed and required.
2. Compact stone with a vibratory roller to settle, compact and align the stone facets.
3. Establish final grade by laser grading methods and leveled by floating, matting or dragging to achieve smoothness over the entire area to receive synthetic turf. The final surface to be approved by the synthetic turf manufacturer/installer in writing.

- C. The surface planarity tolerance is not exceed 0-1/4 inch over 10 feet and 0-1/2" from design grade (EN13036-7). Certification to be signed by Contractor.

- D. Provide permeability tests (ASTM F2898-19) tests on the finished base stone prior to synthetic turf installation. Certify subsurface drainage was successfully tested before covering. Certification to be signed by Contractor.

3.5 TREATMENT AFTER COMPLETION OF GRADING:

- A. After final grading is complete and the Owner's Representative has finished his observation, permit no further grading except with the approval of and observation of Owner's Representative.
- B. Use all means necessary to prevent erosion of or damage to completed areas during construction and until final acceptance of the work.

END OF SECTION

1.0 - GENERAL

1.1 Summary

- A. Section Includes: Cementitious wood fiber panel system .
- B. Related Sections:
 - A. Section 09620.

1.2 References

- A. ASTM International:
 - 1. ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials.
 - 2. ASTM E1264 Standard Classification for Acoustical Ceiling Products.

1.3 System Description

- A. Performance Requirements:
 - 1. Provide acoustical panel assembly designed and tested to provide surface burning characteristics (ASTM E84) as follows:
 - a. Flamespread: 0.
 - b. Smoke Developed: 0.

1.4 Submittals

- A. General: Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedures Section.
- B. Product Data: Submit manufacturer's product data and installation instructions.
- C. Samples: Submit selection and verification samples: 6 inch × 6 inch sample for each wood fiber ceiling unit required, showing full range of exposed texture to be expected in completed work.
- D. Quality Assurance/Control Submittals: Submit the following:
 - 1. Certificates: Submit manufacturer's certificate that products meet or exceed specified requirements.

1.5 Quality Assurance

- A. Installer Qualifications: Utilize an installer having demonstrated experience on projects of similar size and complexity.

1.6 Delivery, Storage & Handling

- A. General: Comply with Division 1 Product Requirement Section.
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
 - 1. Provide labels indicating brand name, style, size and thickness.
- C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

1. Prevent soiling, physical damage or wetting.
2. Store cartons open at each end to stabilize moisture content and temperature.

1.7 Project/Site Conditions

A. Environmental Requirements:

1. Do not install ceiling panels until building is closed in and HVAC system is operational.
2. Locate materials onsite at least 24 hours before beginning installation to allow materials to reach temperature and moisture content equilibrium.
3. Maintain the following conditions in areas where acoustical materials are to be installed 24 hours before, during and after installation:
 - a. Relative Humidity: 65 - 75%.
 - b. Uniform Temperature: 55 - 70 degrees F (13 - 21 degrees C).

1.8 Maintenance

- A. Extra Materials: Provide 5% additional material for use by owner in building maintenance and repair.
- B. Provide new unopened cartons of extra materials, packaged with protective covering for storage and identified with appropriate labels.

2.0 - PRODUCTS

2.1 Panel System

- A. Manufacturer: Tectum Inc. or pre-approved equal. Comply with Section 01360 - Product Substitutions..
- B. Acoustical panel system to include the following:
 1. Tectum Bevel Direct Attachment Panels:
 - a. Material: Aspen wood fibers bonded with inorganic hydraulic cement.
 - b. Thickness: 1 inch plus 2" poly-iso insulation (**system thickness 3"**)
 - c. Length: 96 inches
 - d. Width: 47¾ inches
 - e. Color: Standard Color – To be painted
 - f. Provide 2" poly-iso insulation providing an R-value of 5 per inch adhered to the back of the tectum panel.
 - g. Wall Mounting Style: Provide all fasteners, etc., for a complete single source installation according to manufacturer's recommendation.

2.2 Accessories

Provide accessories as recommended for correct installation per manufacturer's recommendation..

3.0 - EXECUTION

3.1 Manufacturer's Instructions

- A. Install materials in accordance with governing regulations, fire resistance rating requirements and industry standards applicable to work.
Comply with CISCA Code of Practices.

3.2 Examination

- A. Site Verification of Conditions:
 - 1. Examine surfaces scheduled to receive suspended or directly attached acoustical units for unevenness, irregularities and dampness that would affect quality and execution of work.
 - 2. Do not proceed with installation of ceiling system until unacceptable conditions are corrected.

3.3 Installation

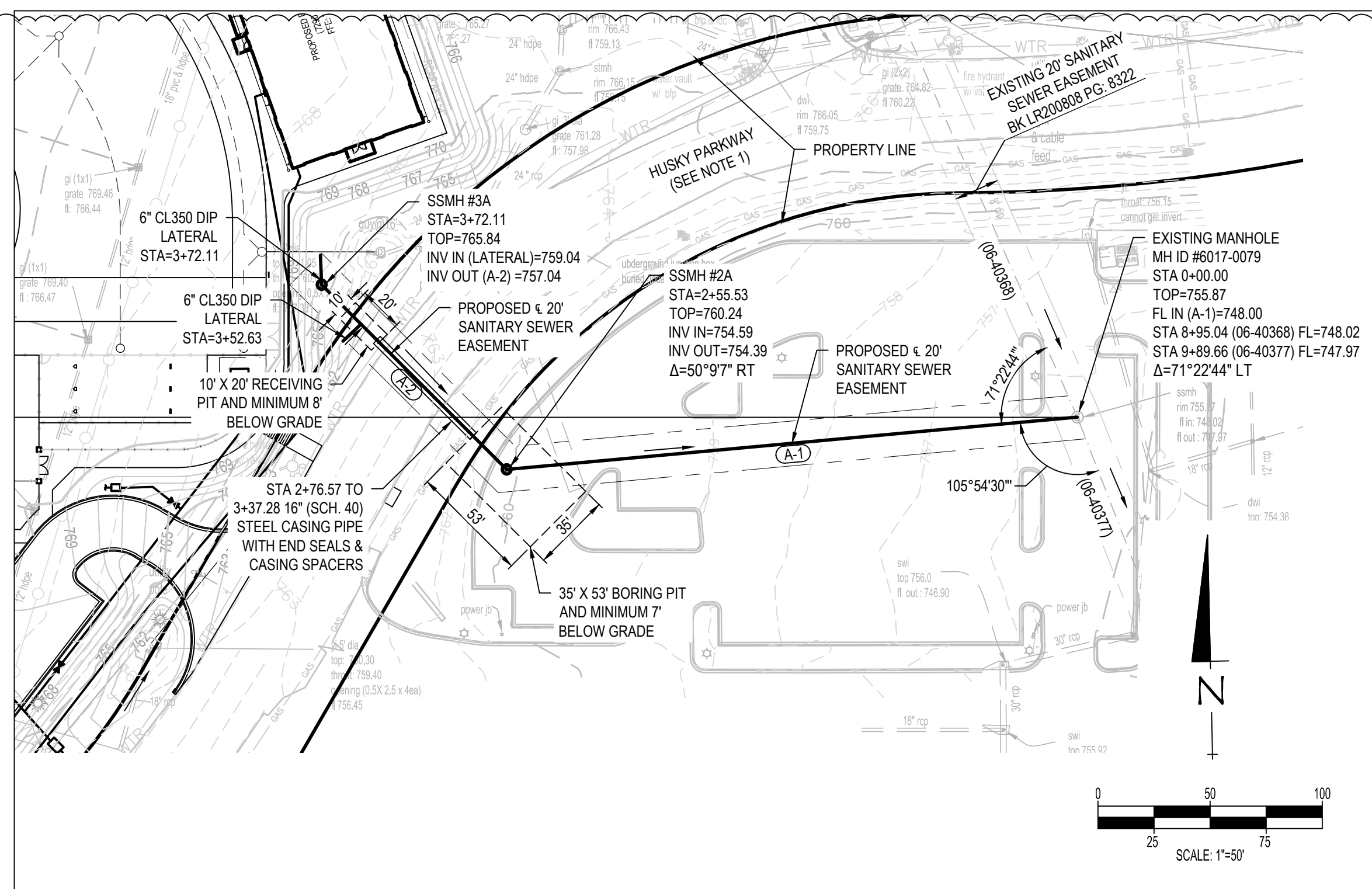
- A. General: Do not begin installation until materials sufficient to complete an entire room are received and prepared for installation.
- B. Measure each ceiling area and establish layout of acoustical units to balance border widths at opposite edges of each ceiling. Avoid use of less-than-half width units at borders.
- C. Supports to accept screws no greater than 24" o.c. Supports to run perpendicular to panel direction.
- D. Panel ends must fall over support. Panel ends are to be staggered.
- E. Screwed to supports, three screws per panel width for 23³/₄" panels and five screws per panel width for 47³/₄" panels.
- F. Screw head to be flush with panel surface.

3.4 Cleaning

- A. Clean exposed surfaces of acoustical panels, trim, edge moldings and suspension members to comply with manufacturer's instructions for cleaning.
- B. Touch up any minor finish damage.
- C. Remove and replace work that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

3.5 Protection

- A. Protect installed work from damage due to subsequent construction activity, including temperature and humidity limitations and dust control, so that the work will be without damage and deterioration at the time of acceptance by the Owner.



JEFFERSON COUNTY STANDARD NOTES FOR 8 INCH AND LARGER SANITARY SEWERS:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF JEFFERSON COUNTY, THE LOCAL MUNICIPALITY AND/OR THE STATE HIGHWAY DEPARTMENT, AND APPLICABLE O.S.H.A. REGULATIONS, AS APPLICABLE.
- THE CONTRACTOR SHALL NOTIFY THE JEFFERSON COUNTY ENVIRONMENTAL SERVICES DEPARTMENT AT 205/325-5127 AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION. THERE SHALL BE NO CHANGES IN DRAWINGS WITHOUT WRITTEN APPROVAL BY THE JEFFERSON COUNTY ENVIRONMENTAL SERVICES DEPARTMENT.
- DUCTILE IRON PIPE SHALL BE CLASS 350 OR BETTER.
- PVC PIPE SHALL BE AWWA C900, CAST IRON (CI) STANDARD DIMENSIONS. DIMENSION RATIO (DR) 18. PRESSURE CLASS (PC) 150 PSI OR BETTER.
- IN EARTH TRENCHES, 4" OF CRUSHED STONE SHALL BE PLACED UNDER SEWER LINES OF 12" IN DIAMETER OR SMALLER AND 6" OF CRUSHED STONE SHALL BE PLACED UNDER SEWER LINES LARGER THAN 12" IN DIAMETER. IN ROCK TRENCHES, 6" OF CRUSHED STONE SHALL BE PLACED UNDER ALL SEWERS. THE DITCH SHALL BE BACKFILLED WITH CRUSHED STONE TO A DEPTH OF 12" ABOVE THE TOP OF THE PIPE. WHEN CROSSING EXISTING ROADS AND STREETS, THE TOTAL BACKFILL SHALL BE CRUSHED STONE AND PROPERLY CHOKED.
- AT THE DIRECTION OF THE ESD INSPECTOR, A CONNECTION OF SANITARY SEWER PIPES (8" THROUGH 16") OF DISSIMILAR SIZES OR FOR REPAIR OF SANITARY SEWER PIPES OF SIMILAR MATERIALS MAY BE MADE BY MEANS OF AN APPROVED MECHANICAL SEAL TYPE ADJUSTABLE COUPLING. COUPLINGS WITH ANY REQUIRED ADAPTING BUSHINGS SHALL BE MANUFACTURED OF AN APPROVED PREFORMED ELASTOMERIC MATERIAL SPECIFICALLY FOR DIMENSIONS OF THE PIPE MATERIALS TO BE CONNECTED. COUPLINGS OF THE MECHANICAL SEAL TYPE SHALL HAVE NUT AND BOLT TIGHTENING CLAMPS OR DEVICES MADE OF 316 STAINLESS STEEL, WITH AN ADJUSTABLE STAINLESS STEEL SHEAR RING, AND STAINLESS STEEL HARDWARE. A CONCRETE COLLAR AS SHOWN ON APPENDIX STANDARD DRAWING SD2060 IS REQUIRED. THE ADJUSTABLE COUPLING SHALL BE INSTALLED AS RECOMMENDED AND SPECIFIED BY THE MANUFACTURER. EACH COUPLING SHALL BEAR THE MANUFACTURER'S NAME AND REQUIRED MARKINGS.
- MANHOLES SHALL MEET ASTM SPECIFICATIONS C-478. JOINTS BETWEEN THE MANHOLES SECTIONS SHALL BE OFFSET TONGUE AN GROOVE "PUSH ON" TYPE. SUPPLIED WITH TYLOX SUPER SEAL PRE-LUBRICATED GASKET AS MANUFACTURED BY HAMILTON KENT MEETING THE REQUIREMENTS OF ASTM C443. EACH JOINT SHALL ALSO BE SUPPLIED WITH CONSEAL CS-231 WATERSTOP SEALANT AS MANUFACTURED BY CONCRETE SEALANTS. IN WIDTHS AS RECOMMENDED BY THE MANUFACTURER. MANHOLES SHALL HAVE A MINIMUM DIAMETER OF 48" AND A MINIMUM THICKNESS OF 5". ALL MANHOLE CONES SHALL BE OF THE

NOTES:

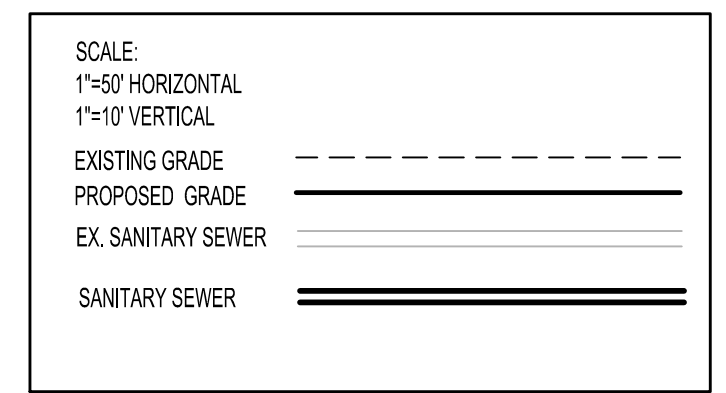
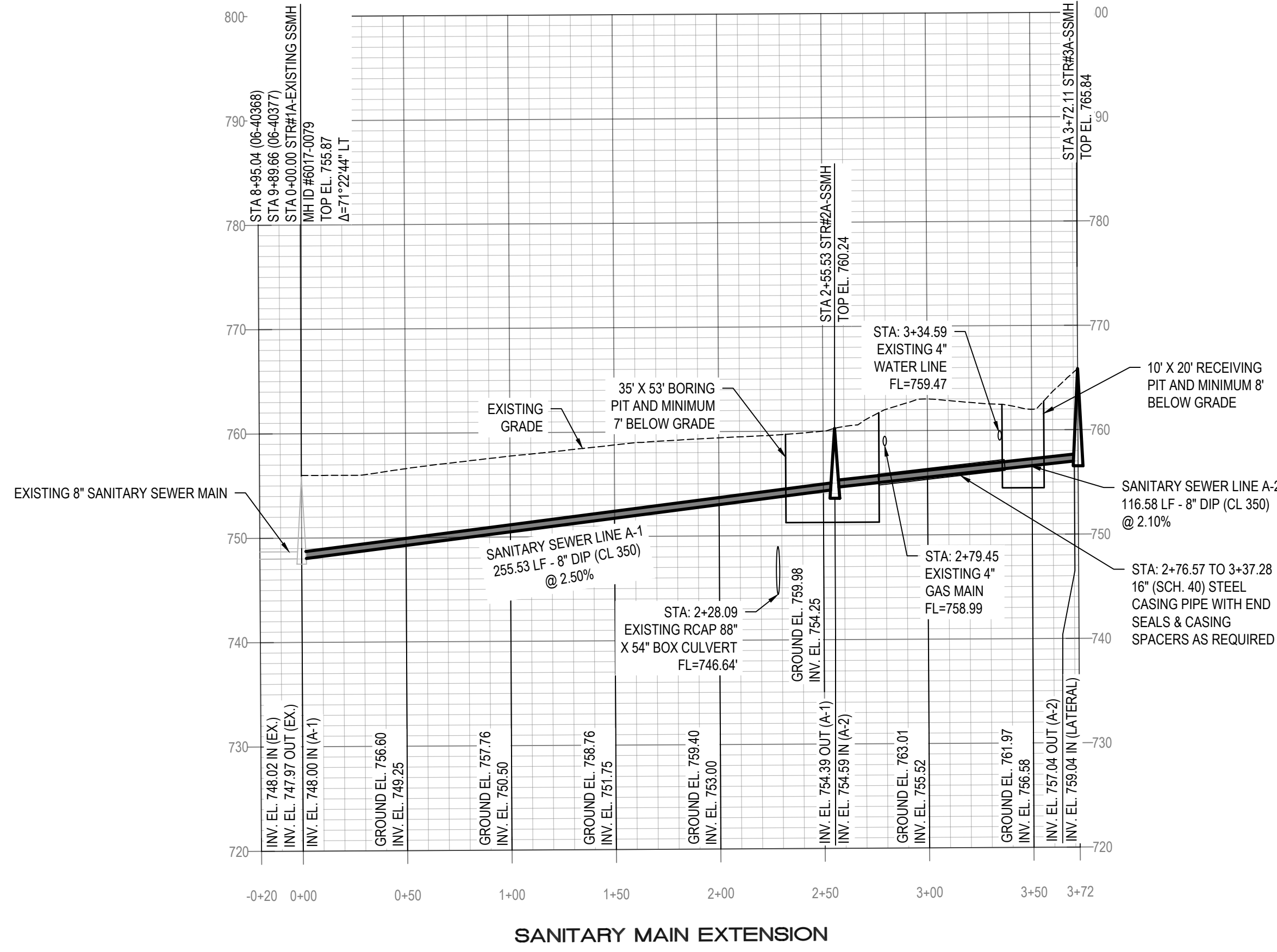
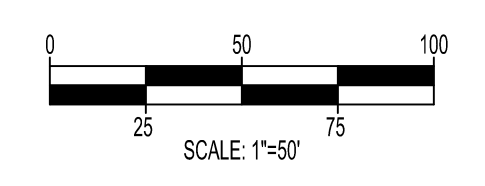
- HUSKY PARWAY ROW HAS NOT BEEN DEDICATED AND NO RECORD INFORMATION HAS BEEN FOUND.

- STUBOUTS FOR SANITARY SEWER SERVICE LINES SHALL END ON OR NEAR THE PROPERTY LINE UNLESS OTHERWISE NOTED. ON "DOWNHILL" SIDE LOTS INSTALL LATERALS ON A MINIMUM 1% GRADE. ON "UPHILL" SIDE LOTS, INSTALL SERVICE LINES TO GRADE THAT WILL TERMINATE A MAXIMUM DEPTH OF 10 FEET. THE FIRST JOINT OUT OF A MANHOLE, FOR BUILDING OR HOUSE SERVICE, SHALL BE DUCTILE IRON PIPE CLASS 52 OR BETTER (MINIMUM 8 FEET). ANY BUILDING SERVICE LINE SET OUTSIDE OF EASEMENT OR R.O.W. MUST BE INSTALLED BY A MASTER PLUMBER AND HAVE A SEWER CONNECTION PERMIT FOR EACH LOT.
- IF THE CONTRACTOR IS INSTALLING SERVICE LINES AT THE SAME TIME AS MAIN LINE, THE SERVICE LINE SHALL BE INSTALLED IN ACCORDANCE WITH JEFFERSON COUNTY STANDARDS FOR CONSTRUCTION OF SERVICE LINES AND CONNECTIONS, AND INSPECTED/TESTED BY COUNTY INSPECTOR BEFORE IT IS BACKFILLED.
- ALL SERVICE LINE STUBOUTS INSTALLED IN ROAD ROW OR UNDER ASPHALT SHALL BE PER STANDARD SPECIFICATIONS FOR SANITARY SEWER SERVICE LINES AND CONNECTIONS SECTION 4.
- CONSTRUCTION SIGNS FOR WORK WITHIN AND ADJACENT TO PUBLIC ROADS, HIGHWAYS, AND ALLEYS SHALL BE IN ACCORDANCE WITH ALDOT STANDARDS.
- CONTRACTOR WILL BE RESPONSIBLE FOR THE CONTINUOUS AND PROPER OPERATION OF ALL EXISTING UTILITIES LOCATED ON OR ADJACENT TO THE PROJECT SITE AND WITHIN THE CONSTRUCTION LIMITS OF THIS PROJECT.
- ALL EMBANKMENT FILL AREAS SHALL BE FILLED AND COMPACTED PRIOR TO EXCAVATION OF SEWER LINE TRENCHES.
- CONTRACTOR WILL BE RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS AND FOR ACQUISITION OF ALL PERMITS DURING CONSTRUCTION TO INSURE THAT DAMAGE DOES NOT OCCUR TO ADJACENT PROPERTIES, PUBLIC ROADS AND/OR DITCHES (CREEKS, STREAMS).
- UPON COMPLETION OF ALL OR ANY PART OF A SANITARY SEWER LINE, THE CONTRACTOR WILL BE REQUIRED TO TEST SAID SEWER FOR ACCEPTABILITY. GRAVITY SEWERS WILL BE PRESSURE TESTED WITH AIR. FORCE MAIN SEWERS WILL BE PRESSURE TESTED WITH WATER. MANHOLES WILL BE VACUUM TESTED. ALL TESTS WILL BE CONDUCTED IN THE PRESENCE OF THE COUNTY SEWER CONSTRUCTION INSPECTOR IN ACCORDANCE WITH SECTION 5.00 STANDARDS FOR COMMERCIAL AND RESIDENTIAL CONSTRUCTION OF SANITARY SEWER SYSTEMS. GRAVITY SANITARY SEWERS WILL BE TELEVISION INSPECTED FOLLOWING AIR TESTING WITH THE FINAL VIDEO TAPE AND LOG FURNISHED TO THE COUNTY FOR RECORD INFORMATION.

LBVD, Inc.
Civil and Structural Engineers
880 Montclair Road
Suite 600
Birmingham, AL 35213
Main (205) 251-4500
PROJECT NO. 133212.001
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LATHAN ARCHITECTS
LATHAN • BRYANT • CALMA

NEW SOFTBALL COMPLEX FOR
TRUSSVILLE CITY SCHOOLS
6344 HUSKY PARKWAY, TRUSSVILLE, AL 35173
TRUSSVILLE CITY BOARD OF EDUCATION



PROJECT CONTACTS

OWNER:
TRUSSVILLE CITY SCHOOLS
476 MAIN STREET
TRUSSVILLE, AL 35173
PHONE: (205) 226-3900
CONTACT: PATRICK MARTIN

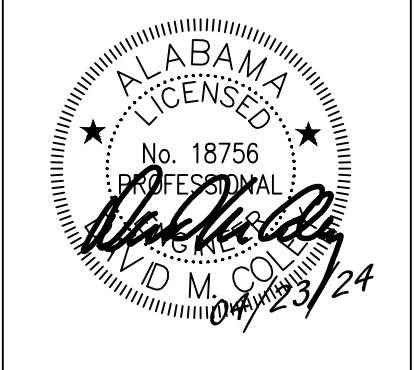
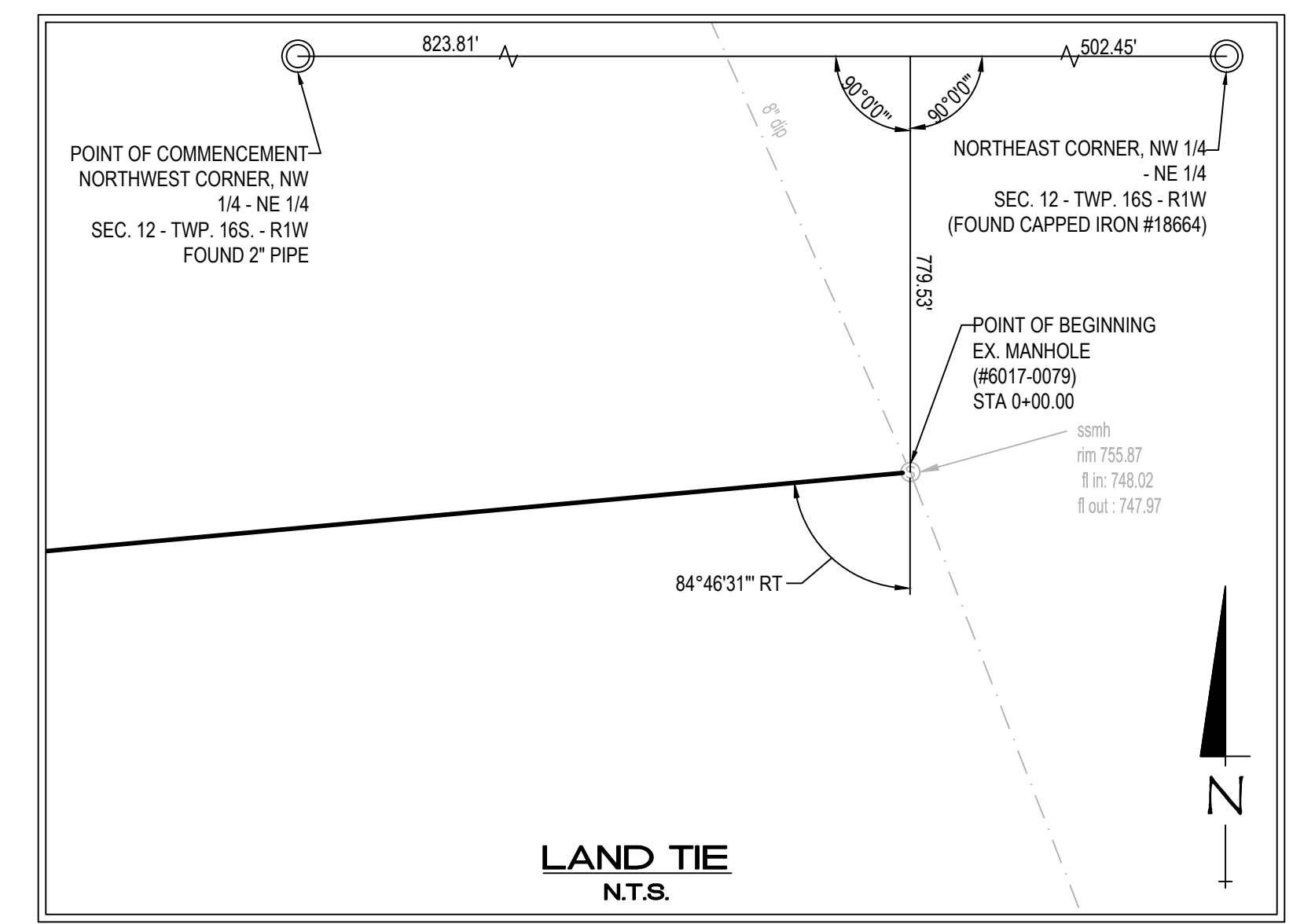
ENGINEER:
LBVD, INC.
880 MONTCLAIR RD, SUITE 600
BIRMINGHAM, AL 35213
PHONE: (205) 251-4500
CONTACT: MICHAEL HERMECZ, PE

SURVEYOR:
ARRINGTON ENGINEERING & LAND SURVEYING INC.
2032 VALLEYDALE RD
BIRMINGHAM, AL 35244
PHONE: (205) 985-9315
CONTACT: DAVE ARRINGTON

SURVEY CONTROL
THE BASIS OF BEARINGS AND OR COORDINATES SHOWN ON THIS SURVEY ARE BASED ON ALABAMA STATE PLANE WEST ZONE, GRID NORTH IS NAVD 83 (2011) AND VERTICAL DATUM IS NAVD 88 (GEOID 128) ELEVATION AND POSITION WAS OBTAINED FROM R.T.K OBSERVATION USING THE ALDOT CORS NETWORK AS CONTROL.

PARCEL ID: 12 00 12 1 000 001.001
SITE ADDRESS: 6344 HUSKY PARKWAY, TRUSSVILLE, AL 35173

SECTION INFORMATION
THE NW 1/4 OF THE NE 1/4, SEC. 12,
TOWNSHIP 16 SOUTH,
RANGE 1 WEST, JEFFERSON
COUNTY, ALABAMA



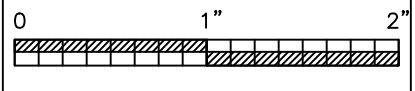
SHEET TITLE:
JCES PLAN & PROFILE

PROJ. MGR.: MTH
DRAWN: IJB
DATE: MARCH 13, 2024
REVISIONS
4/19/2024 ADDENDUM 7

JOB NO. 23-72
SHEET NO:

C5.1

SHEET 1 OF 1

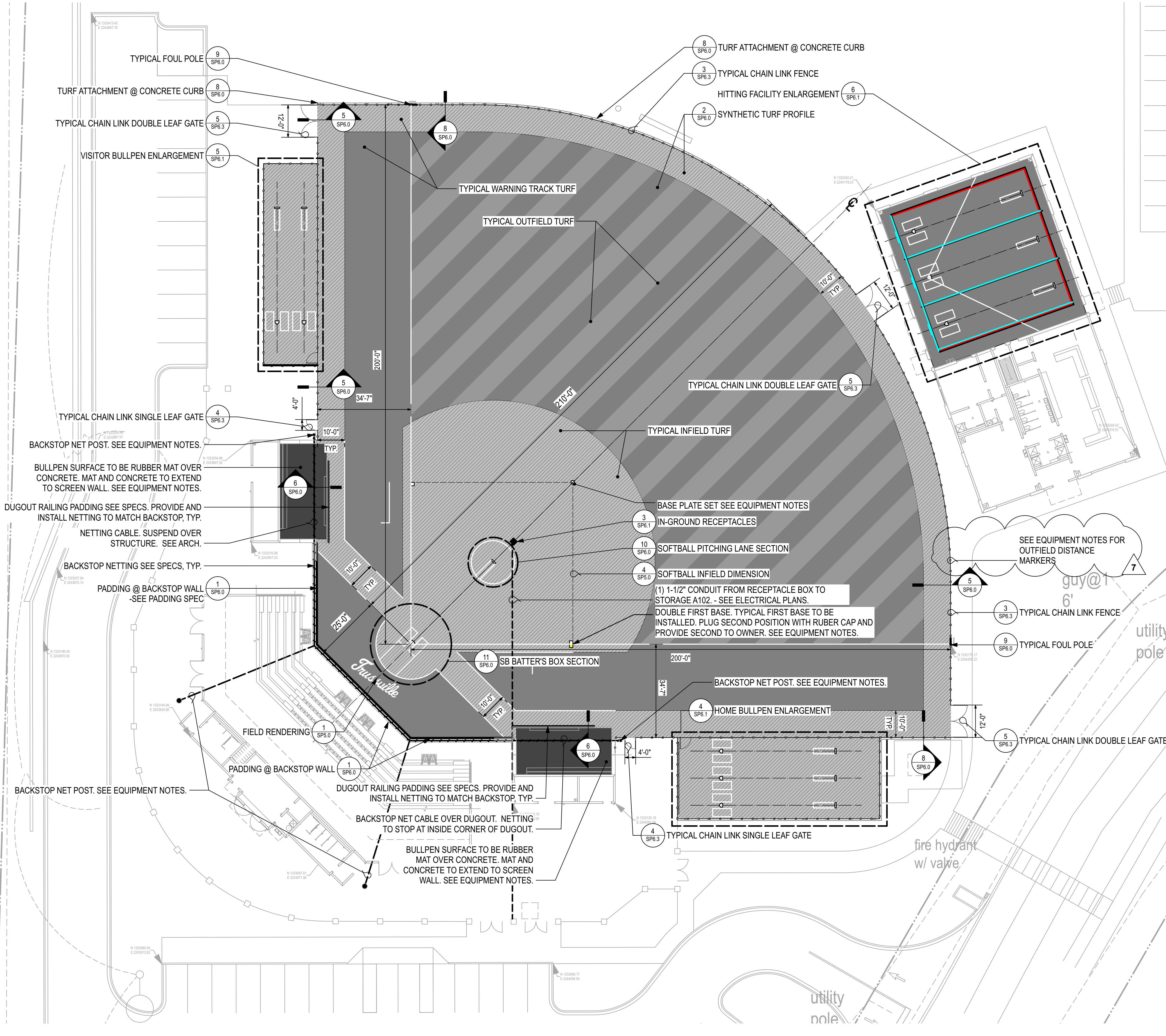




SHEET TITLE:
LAYOUT AND MATERIAL
PLAN

PROJ. MGR.: R. VERNON
DRAWN: DMW
DATE: 03/13/24 100% BID SET
REVISIONS
4/19/24 - ADD NO. 7

JOB NO. **23-72**
SHEET NO. **SP1.0**



GENERAL NOTES:

- ALL WORK WILL CONFORM TO ALL LOCAL, COUNTY AND STATE CODES AND REGULATIONS. OBTAIN ALL PERMITS, LICENSES, ETC. REQUIRED FOR EXECUTION OF WORK.
- LAYOUT WORK AND VERIFY ALL DIMENSIONS PRIOR TO ACTUAL CONSTRUCTION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BEFORE CONTINUING WORK. CONTRACTOR RESPONSIBLE FOR STAKING SITE LAYOUT, GRADES, AND LIMIT OF WORK. THE WORK SHALL BE PERFORMED/STAKED BY A LICENSED SURVEYOR.
- CONDUCT ALL OPERATIONS TO AVOID DAMAGE TO OR DISTURBANCE OF EXISTING VEGETATION AND STRUCTURES TO REMAIN.
- CLEAN-UP, REMOVE AND PROPERLY DISPOSE OF ALL DEBRIS, WASTE AND EXCESS CONSTRUCTION MATERIALS FOLLOWING COMPLETION AND LEAVE NEAT, CLEAN READY FOR OWNER'S USE.
- ANY VARIATION FROM DRAWINGS OR SUBSTITUTIONS IN MATERIALS WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT ONLY.
- THE CONTRACTOR SHALL, FOR HIS OWN PROTECTION, VERIFY THE PRESENCE AND LOCATION OF ALL UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION.
- CHECK DIMENSIONS GIVEN ARE FOR FIELD VERIFICATION OF LAYOUT. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- CONSTRUCTION SAFETY - THE PRESENCE OF THE LANDSCAPE ARCHITECT, ITS EMPLOYEES, OR CONSULTANTS AT THE PROJECT SITE SHALL NOT BE DEEMED AN ASSUMPTION BY THE LANDSCAPE ARCHITECT OF ANY OBLIGATIONS, DUTIES, OR RESPONSIBILITIES FOR SAFETY, INCLUDING BUT NOT LIMITED TO CONSTRUCTION MEANS, METHODS, SEQUENCES, TECHNIQUES, OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING, OR COORDINATING THE WORK OF THE PROJECT IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS OR REGULATORY HEALTH OR SAFETY REQUIREMENTS. IF ANY, THE LANDSCAPE ARCHITECT, ITS EMPLOYEES, AND CONSULTANTS HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION CONTRACTOR, ITS EMPLOYEES, OR SUBCONTRACTORS IN CONNECTION WITH THEIR WORK OR HEALTH AND SAFETY PROGRAMS AND PROCEDURES.

EQUIPMENT NOTES:

- CONTRACTOR IS RESPONSIBLE FOR COORDINATING DELIVERY AND PROVIDING ALL LABOR AND EQUIPMENT NEEDED TO RECEIVE, UNLOAD, ASSEMBLE, HANDLE, AND INSTALL SITE EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
- INSPECT PRODUCTS ON DELIVERY TO DETERMINE COMPLIANCE WITH THE CONTRACT DOCUMENTS AND TO DETERMINE THAT PRODUCTS ARE UNDAMAGED AND PROPERLY PROTECTED. CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING, REPORTING, AND/OR REJECTING DAMAGED EQUIPMENT TO THE MANUFACTURER'S SATISFACTION TO ENSURE TIMELY REPAIR/REPLACEMENT AT NO COST TO THE OWNER.
- CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EQUIPMENT FROM ANY/ALL DAMAGE, SOILING AND DETERIORATION FROM RECEIPT OF DELIVERY UNTIL SUBSTANTIAL COMPLETION. COMPLY WITH PRODUCT MANUFACTURER'S WRITTEN INSTRUCTION FOR TEMPERATURE, HUMIDITY, VENTILATION, AND WEATHER-PROTECTION REQUIREMENTS FOR STORAGE.
- CONTRACTOR IS RESPONSIBLE TO REMEDY ALL DAMAGE TO EQUIPMENT PROVIDED UNDER THIS CONTRACT THROUGH REPLACEMENT OR REPAIR TO THE OWNER'S SATISFACTION AT NO COST TO THE OWNER.
- NOMINAL TOUCH-UP OR REPAIR OF PAINTED FINISHES IS PERMITTED IF (A) DONE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED PROCEDURES AND MATERIALS (B) WILL NOT VOID ANY MANUFACTURER WARRANTY. THE RESULTANT REPAIRS SHALL APPEAR TO BE AS LIKE NEW CONDITION AS APPROVED BY THE LANDSCAPE ARCHITECT/OWNER IN ACCEPTANCE OF THE WORK AT NO COST TO THE OWNER.

FIELD EQUIPMENT NOTES:

- FIELD HOME PLATE - SCHUTT® HOLLYWOOD BURY ALL HOME PLATE OR APPROVED SUBSTITUTE. 1/4" REVEAL. SEE DETAIL.
- FIELD BASES - SCHUTT® ORIGINAL JACK CORBETT® MLB® HOLLYWOOD BASE SET WITH CORRESPONDING GROUND ANCHOR MOUNTS AND PLUGS OR APPROVED SUBSTITUTE. SOFTBALL DOUBLE FIRST BASE- HOLLYWOOD IMPACT® DOUBLE FIRST BASE SET WITH CORRESPONDING GROUND ANCHOR MOUNTS AND PLUGS OR APPROVED SUBSTITUTE..
- FIELD PITCHING CIRCLE - SEE DETAIL - (1) BULLDOG 4"-SIDED PITCHING RUBBER OR APPROVED SUBSTITUTE.
- BULLPEN HOME PLATE - (1) SCHUTT® HOLLYWOOD BURY ALL HOME PLATE OR APPROVED SUBSTITUTE. 1/4" REVEAL. PER LANE
- BULLPEN PITCHING RUBBER- (1) BULLDOG 4"-SIDED PITCHING RUBBER OR APPROVED SUBSTITUTE. PER LANE, SEE DETAILS.
- HITTING CAGE- SEE DETAIL
- FOUL POLES - SEE DETAIL
- PADDING - SEE SPECIFICATIONS
- PITCHING MATS-PROVIDED BY OWNER.
- BATTING MATS-PROVIDED BY OWNER.
- PLYOWALL RUBBER MAT- 1/2" THICK X 4' WIDTH, ROLL MATERIAL. BY AMERICAN FLOOR MATS OR APPROVED SUBSTITUTE.
- DUGOUT FLOOR MAT- 3/4" THICK 2X2 INTERLOCKING TILES BY AMERICAN FLOOR MATS OR APPROVED SUBSTITUTE. CUT EDGE STRAIGHT TO FINISH OR PROVIDE CORRESPONDING INTERLOCKING EDGE PIECE. MIN 8" PIECE AT ANY EDGE.
- BACKSTOP NET POST - 4-POLE TIE-BACK SYSTEM. 30' NET HT. CONTRACTOR TO PROVIDE ENGINEER-STAMPED, DESIGN/BUILD SHOP DRAWINGS FOR LANDSCAPE ARCHITECT APPROVAL. SEE ARCHITECTURE DRAWINGS FOR CLEAR HT OVER GRANDSTAND. LOCATE POSTS AS SHOWN.
- OUTFIELD DISTANCE MARKERS (VINYL LETTERS, PLASTIC PANEL, ZIP-TIED TO FENCE, LF, CF, RF)

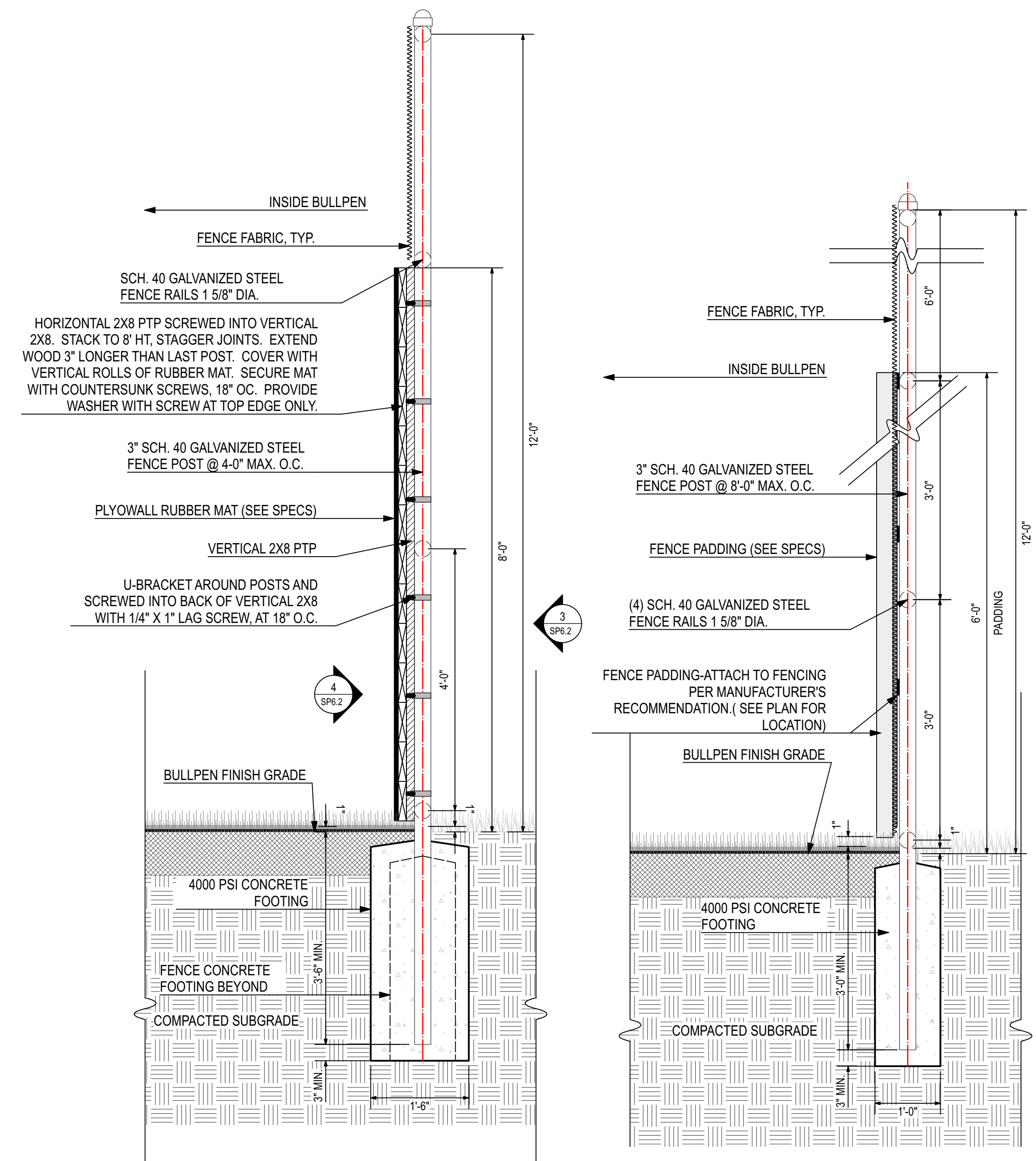
1 FIELD LAYOUT PLAN
Scale: 1" = 20'-0"



SHEET TITLE:
DETAILS

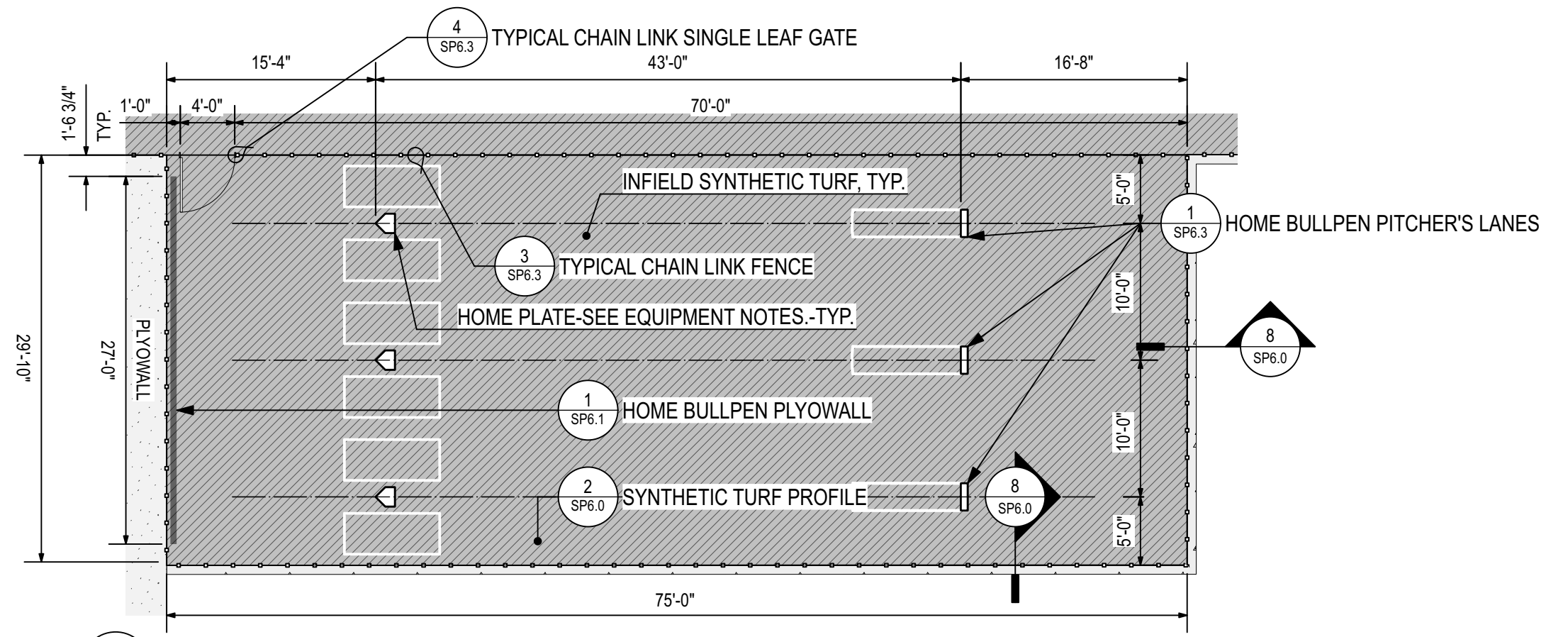
PROJ. MGR.: R. VERNON
DRAWN: DMW
DATE: 03/13/24 100% BID SET
REVISIONS
4/19/24 - ADD NO. 7

JOB NO. **23-72**
SHEET NO. **SP6.1**

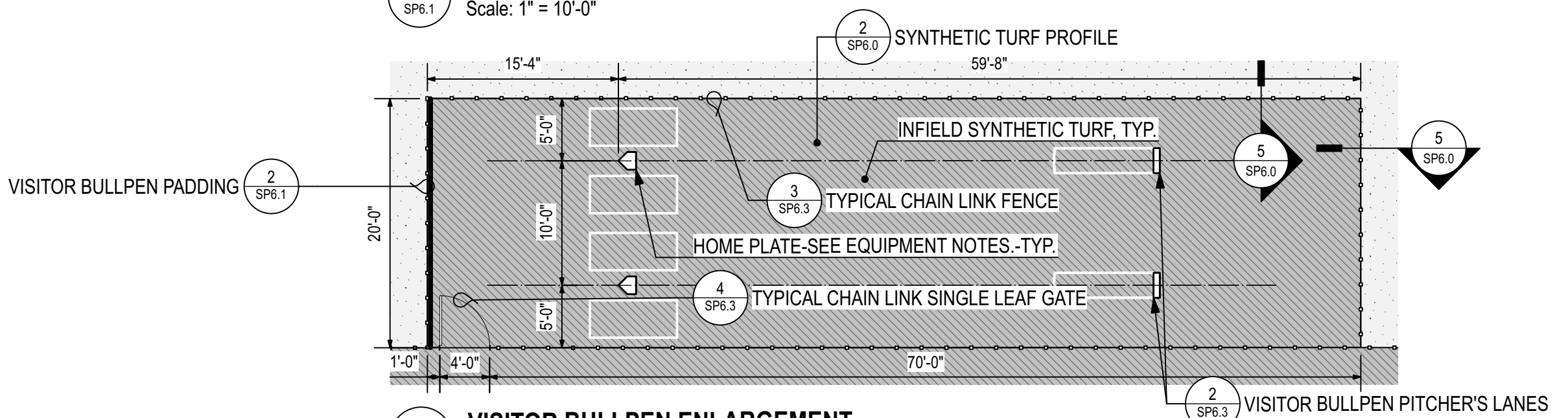


1 HOME BULLPEN PLYOWALL
Scale: 3/4" = 1'-0"

2 VISITOR BULLPEN PADDING
Scale: 3/4" = 1'-0"



4 HOME BULLPEN ENLARGEMENT
Scale: 1" = 10'-0"



5 VISITOR BULLPEN ENLARGEMENT
Scale: 1" = 10'-0"

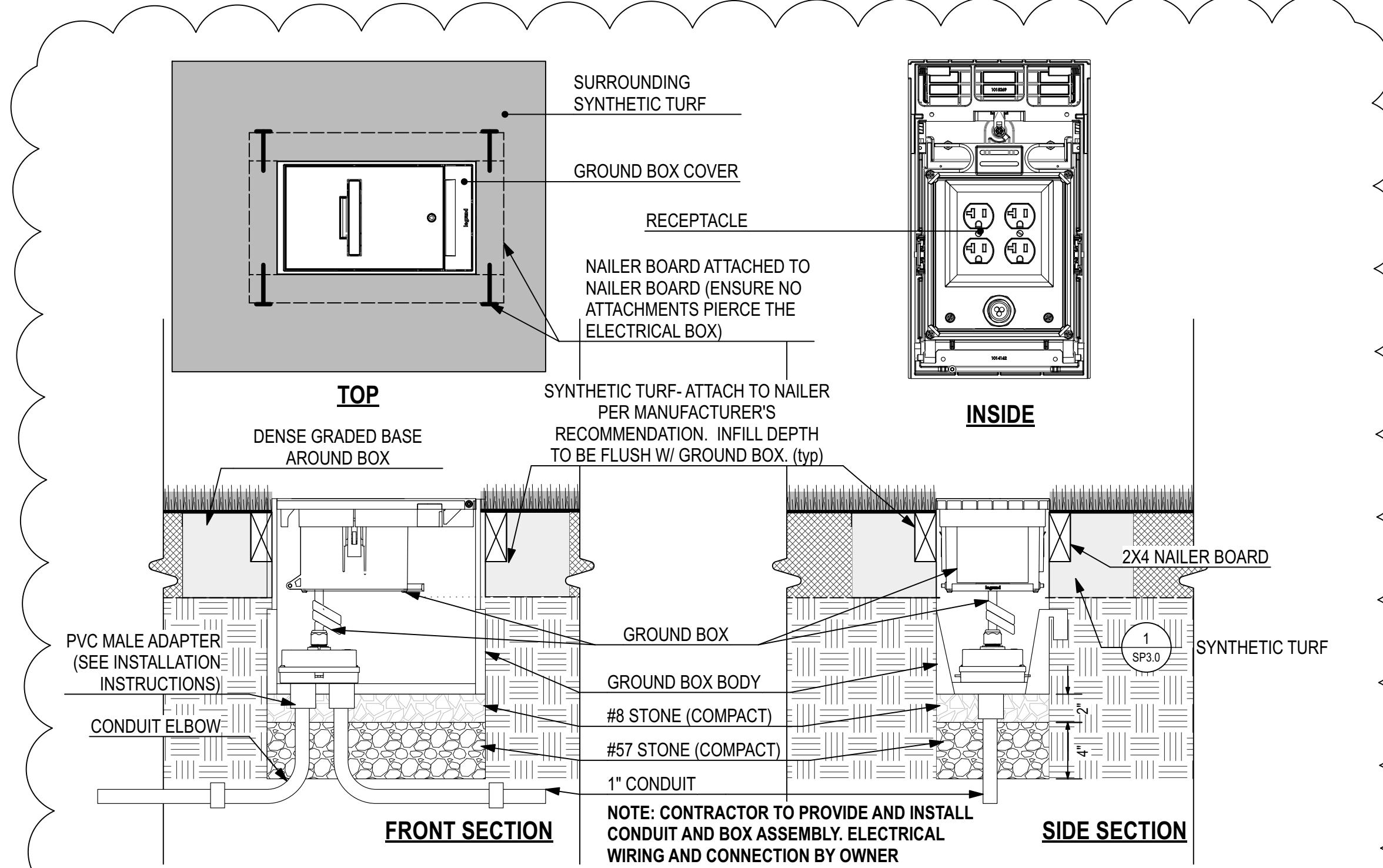
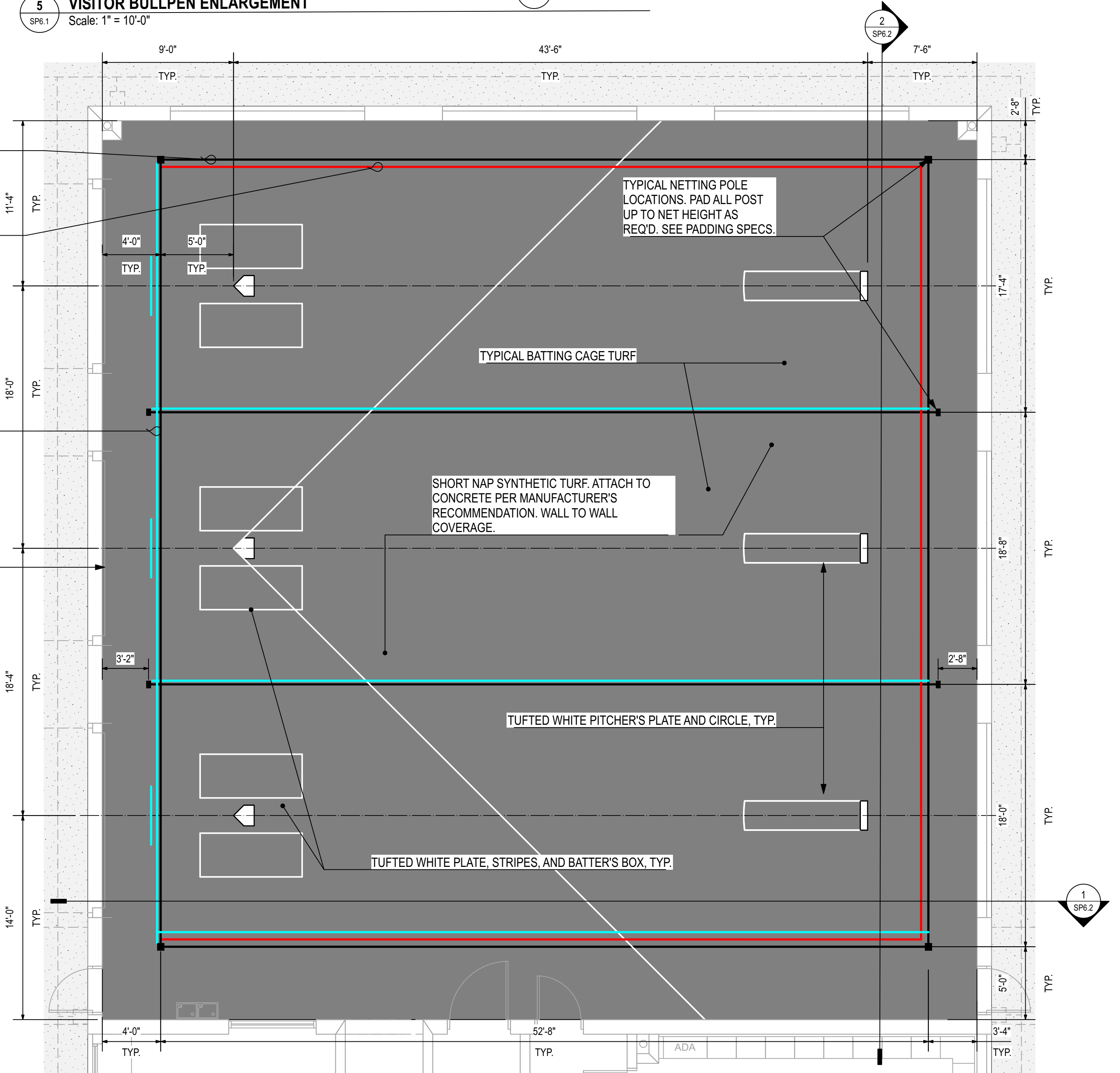
BLACK - DOUBLE CABLE 2' FROM NEAREST TOP OBSTRUCTION AND 2' FROM NEAREST WALL/POST ON BUILDING SIDE. TOP CABLE HOLD OVERHEAD NET. BOTTOM CABLE JUST BELOW ALLOWS PULLBACK NET.

RED - STATIC BOUNDARY NET

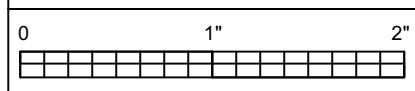
CYAN - PULLBACK NET PANELS AND SECOND CABLE 1' BELOW TOP NET CABLE SYSTEM. PROVIDE FLAP DOORS WHERE SHOWN.

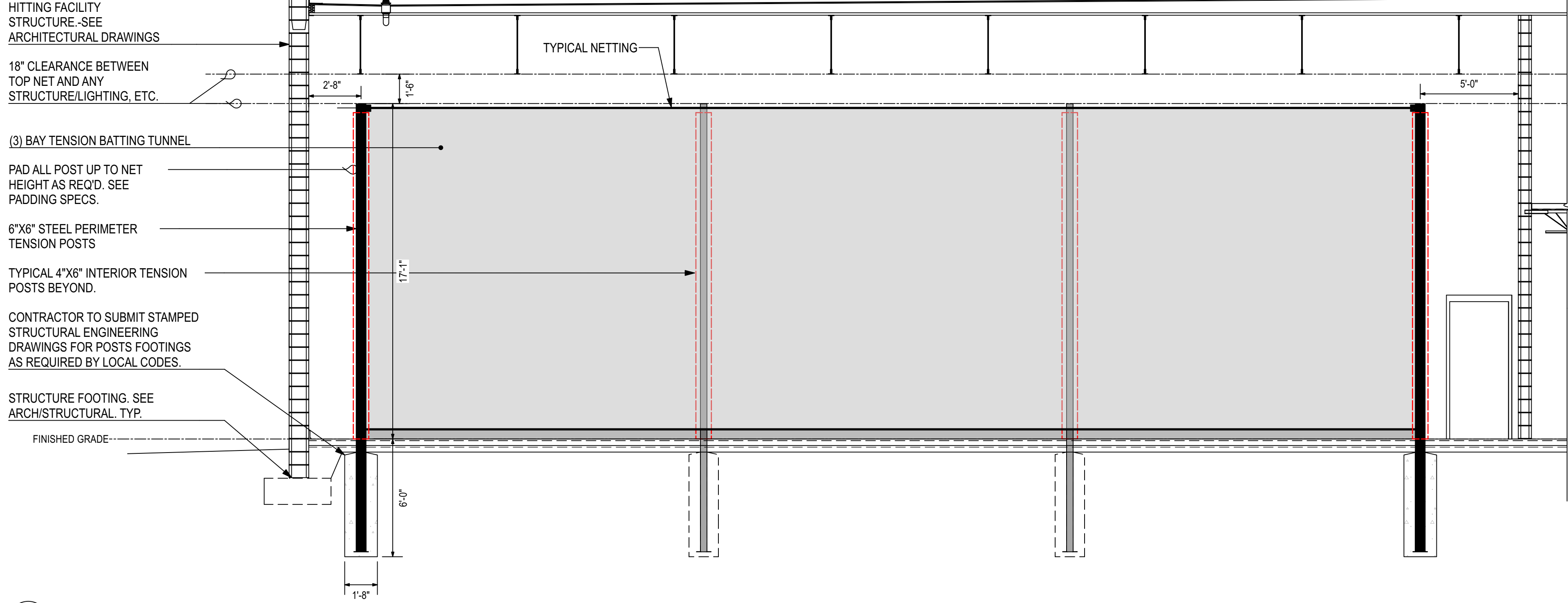
TYPICAL SCREW-DOWN ALUMINUM TRANSITION STRIP AT EXPOSED EDGES OF TURF AT ENTRIES. COORDINATE WITH ARCHITECT-SPECIFIED PERIMETER FLOOR MATERIALS AND THRESHOLDS

6 HITTING FACILITY ENLARGEMENT
Scale: 3/16" = 1'-0"

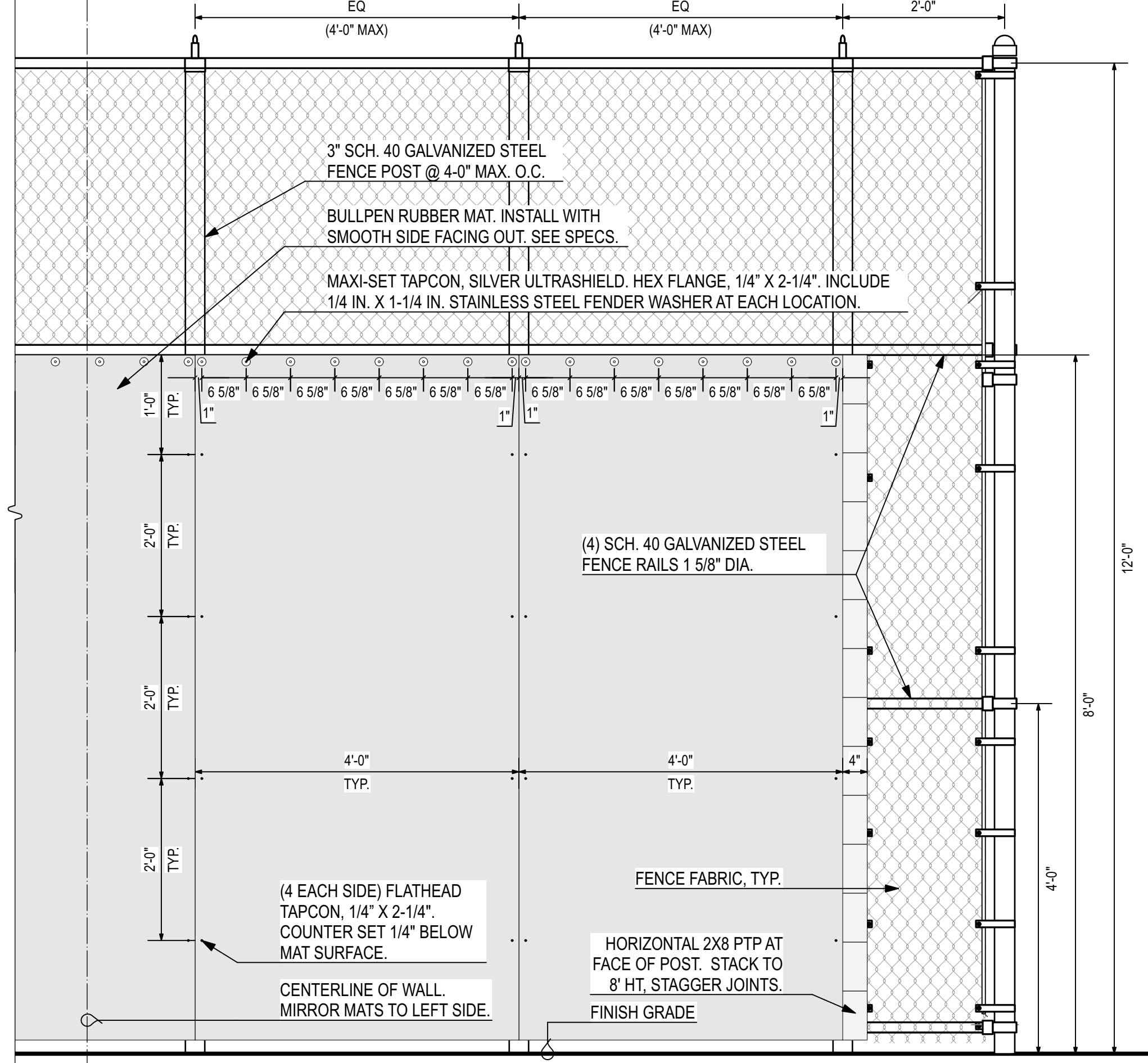


3 IN-GROUND RECEPTACLES
Scale: 1 1/2" = 1'-0"

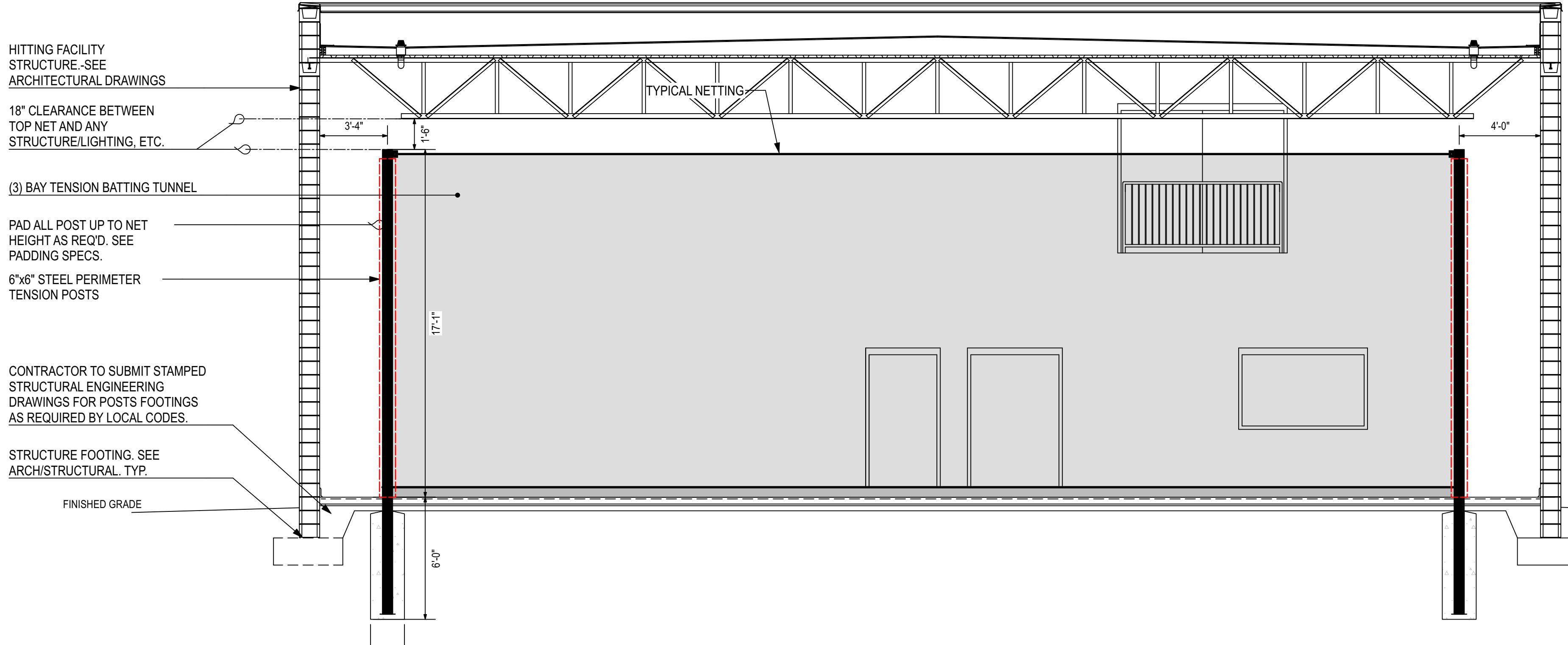




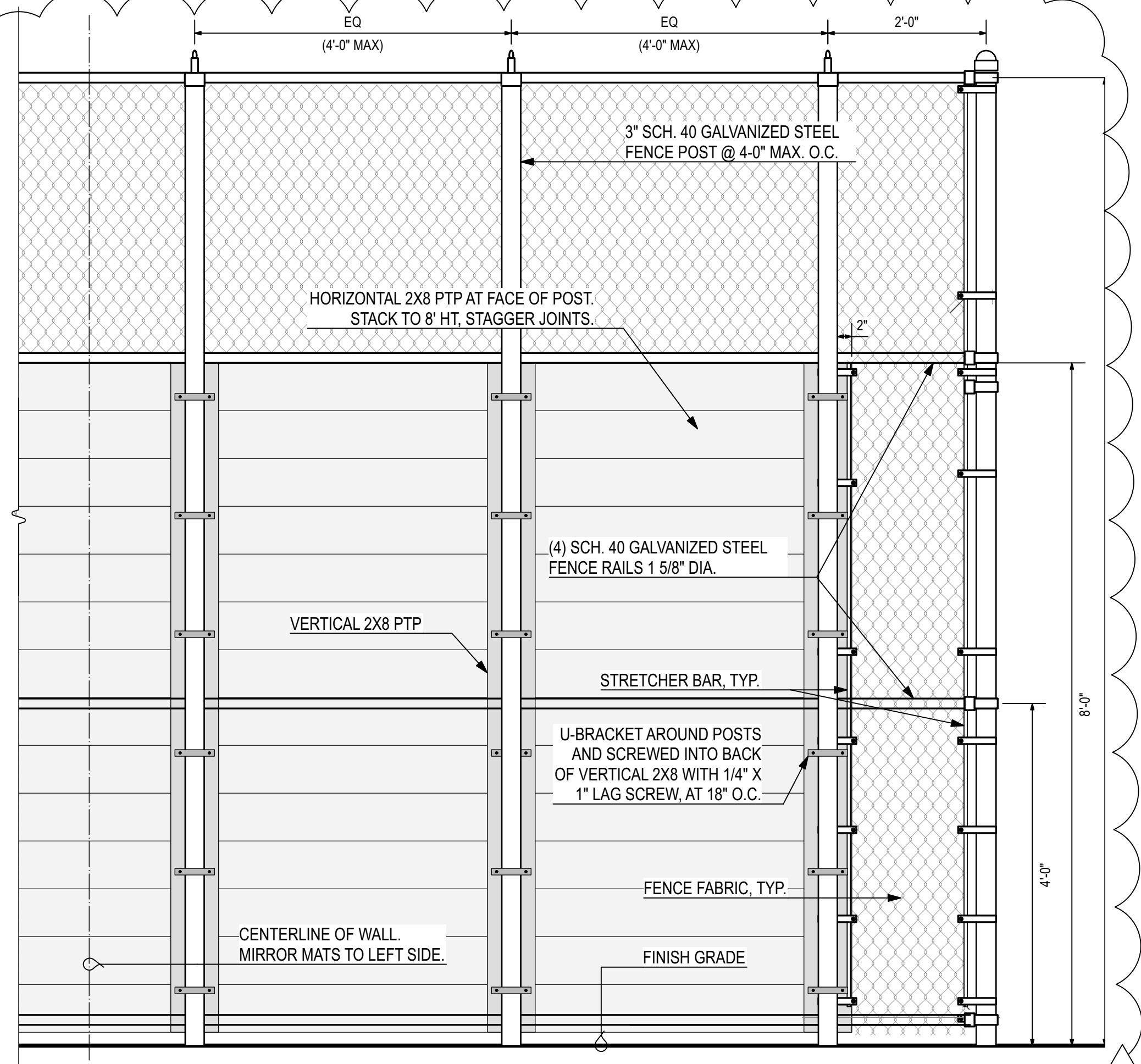
1 INDOOR HITTING CAGE LONGITUDINAL SECTION
Scale: 1/4" = 1'-0"



4 PLYOWALL MAT-FRONT
Scale: 3/4" = 1'-0"



2 INDOOR HITTING CAGE CROSS SECTION
Scale: 1/4" = 1'-0"



3 PLYOWALL MAT-BACK
Scale: 3/4" = 1'-0"



SHEET TITLE:
DETAILS

PROJ. MGR.: R. VERNON
DRAWN: DMW
DATE: 03/13/24 100% BID SET
REVISIONS

4/19/24 - ADD NO. 7

JOB NO. 23-72
SHEET NO:

SP6.2

