

Friday 11 February 2022

Baseball Field & Stadium Improvements Copiah-Lincoln Community College



ADDENDUM NO. 03

NOTICE TO ALL DOCUMENT HOLDERS:

The following additions, deletions, changes and clarifications to the drawings and specifications are to be included as part of the Contract Documents.

SPECIFICATIONS

ITEM NO. 01 SECTION 32.1817 OUTDOOR SYNTHETIC PLAYING FIELD SURFACING

Part 2 Products, Paragraph 1.B

REPLACE paragraph 1.B with the following:

B. Basis of Design: SP14 by Brock USA; 3090 Sterling Circle, Suite 102, Boulder, CO 80301, Phone: 303.544.5800, brockusa.com or approved equal.

ITEM NO. 02 SECTION 32.1823.26 ATHLETIC FIELD ROOT ZONE & DRAINAGE LAYER MEDIA

ADD the attached specification 32.1823.26 Athletic Field Root Zone & Drainage Layer Media, in its

entirety.

ITEM NO. 03 SECTION 32.1823.27 ATHLETIC FIELD SODDING AND MAINTENANCE

ADD the attached specification 32.1823.27 Athletic Field Sodding and Maintenance, in its entirety.

DRAWINGS

ITEM NO. 04 SHEET C102 - CIVIL SITE IMPROVEMENTS - BASE BID

REPLACE sheet C102 with the attached revised sheet C102.

ITEM NO. 05 SHEET C103 – CIVIL SITE IMPROVEMENTS – ALT #1

REPLACE sheet C103 with the attached revised sheet C103.

ITEM NO. 06 SHEET C104 – CIVIL SITE IMPROVEMENTS – ALT #2

REPLACE sheet C104 with the attached revised sheet C104.

ITEM NO. 07	SHEET C105 – CIVIL SITE IMPROVEMENTS – ALT #3 REPLACE sheet C105 with the attached revised sheet C105.
ITEM NO. 08	SHEET C106 – CIVIL SITE IMPROVEMENTS – ALT #4 REPLACE sheet C106 with the attached revised sheet C106.
ITEM NO. 09	SHEET C200 – DEMOLITION PLAN REPLACE sheet C200 with the attached revised sheet C200.
ITEM NO. 10	SHEET C300 – GRADING & DRAINAGE OVERVIEW REPLACE sheet C300 with the attached revised sheet C300.
ITEM NO. 11	SHEET C301 – GRADING & DRAINAGE PLAN – BASEBALL FIELD REPLACE sheet C301 with the attached revised sheet C301.
ITEM NO. 12	SHEET C302 – GRADING & DRAINAGE PLAN – STADIUM AREA <i>REPLACE</i> sheet C302 with the attached revised sheet <u>C302</u> .
ITEM NO. 13	SHEET C303 – GRADING & DRAINAGE PLAN - ENTRANCE <i>REPLACE</i> sheet C303 with the attached revised sheet C303.
ITEM NO. 14	SHEET C500 – UTILITY PLAN REPLACE sheet C500 with the attached revised sheet C500.
ITEM NO. 15	SHEET C600 – FENCING DETAILS REPLACE sheet C600 with the attached revised sheet C600.
ITEM NO. 16	SHEET C700 – CONSTRUCTION DETAILS REPLACE sheet C700 with the attached revised sheet C700.
ITEM NO. 17	SHEET A100 – SITE PLAN – BASE BID REPLACE sheet A101 with the attached revised sheet A100.
ITEM NO. 18	SHEET A101 – FIELD IMPROVEMENTS REPLACE sheet A101 with the attached revised sheet A101.
ITEM NO. 19	SHEET A501 – PROJECT INFO REPLACE sheet A501 with the attached revised sheet A501.
ITEM NO. 20	SHEET M120 – MECHANICAL PLANS – ADD ALT NO. 2 REPLACE sheet M120 with the attached revised sheet M120.

Encl: <u>Specifications (8.5x11):</u>

32.1823.26 ATHLETIC FIELD ROOT ZONE & DRAINAGE LAYER MEDIA (5 pages)

32.1823.27 ATHLETIC FIELD SODDING & MAINTENANCE (5 pages)

Drawings (17 Sheets - 24x36):

 $\texttt{C102}, \texttt{C103}, \texttt{C104}, \texttt{C105}, \texttt{C106}, \texttt{C200}, \texttt{C300}, \texttt{C301}, \texttt{C302}, \texttt{C303}, \texttt{C500}, \texttt{C600}, \texttt{C700}, \texttt{A100}, \texttt{A101}, \texttt{A501}, \textit{M120}, \texttt{A101}, \texttt{A501}, \texttt{A101}, \texttt{A501}, \texttt{A101}, \texttt$

cc: All Document Holders

File 21-053.C2



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, all complete and in accord with the Drawings and Specifications:
 - 1. Provision of materials required to prepare root zone and transporting root zone media to be spread;
 - 2. Field preparation;
 - 3. Placing and spreading root zone media, compaction of root zone media and finish and fine grading as required;
 - 4. Provision all materials, equipment, labor, services and incidentals as required to install a system of athletic field subsurface drainage piping, drainage layer media and related items.
 - 5. Testing as specified and/or required.
- B. Related Work includes:
 - 1. Section 321823.27 Athletic Field Sodding and Maintenance.

1.3 SUBMITTALS:

- A. At time of Bid, submit the following contractor qualifications for the work of this section:
 - 1. A list providing specific contacts and telephone numbers for five (5) completed natural turf athletic field projects. A minimum of three (3) of the projects are to be baseball projects.
 - 2. 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.
- B. Samples:
 - 1. Submit twelve-inch length of each type and size plastic pipe required.
- C. Product Data: Submit manufacturer's product literature, instructions and guaranteed analysis for fertilizer and lime.
- 1.4 JOB CONDITIONS:
- A. Dust Control:



- Use all means necessary to control dust on and near the Work and on and near all offsite 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:

- 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 at no additional cost to the Owner.

PART 2 - MATERIALS

2.1 ROOT ZONE MEDIA:

A. General:

- 1. Root zone media will be the top 4" of soil as salvaged from the existing field.
- 2. During placement, process the material to remove any roots, branches, sticks, extraneous matter, and any substance harmful to plant growth.

2.2 DRAINAGE LAYER MEDIA: (NOT REQUIRED)

A. General:

- 1. Approval Required: Drainage Layer Media shall be subject to the approval of the Landscape Architect at all times.
- Provide Drainage Layer Media free of all deleterious materials, noxious weeds, grasses, seeds, plants, roots, branches, sticks, extraneous matter and any substance harmful to plant growth.
- B. In addition to complying with Article 2.1 A., provide Drainage Layer Media aggregate conforming to the following:
 - Crushed Silica Gravel or Granite containing less than 10% carbonate with a uniformity coefficient <2.5 and meeting the following gradation:

Percentage passing size:

12.5mm (1/2 inch) 100% 9.5mm (3/8 inch) 90-100%

2mm <10% 1mm <5%

2. LA Abrasion (ASTM C-131): <40

Sulfate Soundness (ASTM C-88):<12% (by weight)



2.3 PLASTIC PIPE:

A. Solid Drain Pipe:

- Advanced Drainage Systems, (ADS) N12, smooth interior wall corrugated polyethylene pipe. Diameters as shown on the Drawings. Furnish complete with bends, adapters, couplings, collars, fittings and joint materials.
- 2. Approved substitute.

B. Perforated Drain Pipe:

- 1. Advanced Drainage Systems, (ADS) N12, smooth interior wall corrugated, perforated class II (slot), polyethylene pipe. Diameters as shown on the Drawings. Furnish complete with bends, adapters, couplings, collars, fittings and joint materials.
- 2. Approved substitute.

2.4 FILTER FABRIC:

- A. Non-woven polypropylene. Approved products:
 - 1. Amoco, 4550
 - 2. Mirafii , 160N.
 - 3. Syntex, 501
- 2.5 FERTILIZER: 'Milorganite', heat-dried microbes as distributed by Innovative Turf Products, LLC 1100 23rd Avenue, Meridian, MS 39302 (601) 616-3679.
- 2.6 OTHER MATERIALS: Provide all other materials, not specifically described but required for a complete and proper installation.

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 falling within this Section.
- B. Inspection: Prior to all work of this Section, inspect all areas of the site. Check existing subgrade elevations, lines, grades, conditions to assure specified root zone media depths and final finished grades. Confirm all findings requiring correction to the Engineer in writing. Do not proceed with work until corrective measures have been taken. Failure of the Contractor to comply with this requirement will be construed, as the Contractor having accepted existing subgrade and the Contractor at no cost will make any necessary or required corrective measures to the Owner.
- 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 SUBSURFACE DRAINAGE:

A. 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 on the Drawings, 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 approved material and then compact to provide a firm and unyielding subgrade and/or foundation.

B. Filter Fabric:

- Install filter fabric as detailed on the Drawings 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 6" minimum and secure using staples to prevent opening of joint.

C. Drainage Pipe and Fittings:

- 1. Install pipe in accord with manufacturer's instruction and as specified herein.
- 2. Lay pipe as detailed and shown on the 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. Certify subsurface drainage was successfully tested before covering. Contractor shall sign certification.

D. Drainage Media Fill:

- 1. Place drainage media fill as detailed and required, using care not to damage or displace pipe.
- 2. Install to assure complete cover of pipe. Leave no voids around pipe and compact to preclude settlement. Do not crush pipe.



3.4 FIELD PREPARATION AND INSTALLATION:

- A. Bring areas to uniform grade. Allow for a consistent depth of imported root zone. Maintain positive drainage on all surfaces.
- B. Place root zone to the depth and extent indicated on the drawings. Truck root zone to site in covered vehicles and place in the center of field. Spread from the center to the edges.
- C. Care shall be taken to protect drainage system layers during placement of root zone by using boards or mats as travel surfaces for vehicles.
- D. Apply Milorganite and work into the top two (2) inches of the root zone at a rate of 150lbs / 1000 square feet.
- E. The root zone shall be settled, firmed and smoothed, using mechanical means until a uniform firmness is achieved. Rollers are not acceptable. The final grade shall be established by laser grading methods and the field leveled by floating, matting or dragging to achieve smoothness over the entire area to be grassed. Apply water with fine spray to finished surface to moisten the top 3" of root zone and provide final settlement. Do not over compact.
- F. Reset irrigation heads and thoroughly compact around heads. Set heads to allow for sod placement.
- G. A final pH of 6.0-6.6 is required. Add lime as required to produce final pH. Add 5-10-10 fertilizer at rate of 25 pounds fertilizer per 1000 square feet. The surface shall be approved by the Engineer prior to grassing. Apply water with fine spray to finished surface to moisten the top 3" of root zone and provide final settlement.

END OF SECTION



PART 1 - GENERAL

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. Labor, materials, and equipment necessary to prepare surface and provide and install solid sod grass on areas indicated.
- B. Areas to be Solid Sodded: Entire outfield and adjoining surfaces as shown on the Drawings are to be solid sodded in accordance with this Specification. For the purpose of this Specification, the term "field" shall mean all items designated to receive athletic field solid sodded.
- C. Maintenance as required establishing turf.
- D. Maintenance after acceptance of 100% establishment as defined herein until Owner's occupancy.
- E. See Drawings for other requirements or conditions.

1.3 SUBMITTALS:

- A. At time of Bid, submit the following contractor qualifications for the work of this section:
 - 1. A list providing specific contacts and telephone numbers for five (5) completed athletic field projects.
 - 2. 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
- B. Product Data: Submit manufacturer's product literature, instructions and guaranteed analysis f or fertilizer, and lime.
- C. Certification: Certificate from sod provider certifying genetic identity and purity of the turf and freedom from most noxious or objectionable weeds.
- D. Test Results: Soil PH and nutrient requirements from an approved soils testing laboratory, in accordance with laboratory's standard procedures.
- E. Maintenance Schedule: Submit a written schedule outlining all sodding and maintenance operations for the duration of the project and post completion. Schedule shall be updated on weekly basis, along with a written report of job progress.



1.4 QUALITY ASSURANCE:

A. Codes and Standards:

- Perform sodding operations per Section V of Turfgrass Producers International (TPI)
 Guideline Specifications to Turfgrass Sodding, revised 1995.
- 2. Perform operations necessary to establish a completely sodded area free of weeds and other foreign growth.
- 3. Submit a written schedule outlining all sodding and maintenance operations for the duration of the project. Schedule shall be updated on weekly basis, along with a written report of job progress. Three copies of schedule and weekly updates are required.

1.5 JOB CONDITIONS:

A. Dust Control:

- Use all means necessary to control dust on and near the Work and on and near all offsite 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:

- 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 at no additional cost to the Owner.

PART 2 - MATERIALS

2.1 WATER:

A. Water for use under this Contract shall be fresh, free from oil or any other impurity or substance harmful to the Work or to plant materials and sod. The Contractor shall make, at his expense, whatever arrangements may be necessary to insure an adequate supply of water to meet the needs of this Contract. He shall also furnish all necessary hose, equipment, attachments, and accessories as may be necessary to complete the Work as specified.

2.2 SOLID SOD:

- A. Sod shall conform to the following:
 - 1. Furnish sod grown for a minimum of twenty-four (24) months.
 - 2. Furnish sod grown in light sandy loam to match proposed root zone.
 - 3. Furnish sod in rolls measuring, at minimum, 30 inches in width; length, as practicable for ease of handling, but in no case shorter than 6 feet.



- B. Sod species shall be certified Tifton 419 Bermudagrass.
- C. Provide access to Owner for review of sod growing location. Owner may review sod, growing media and maintenance practices prior to acceptance.

2.3 OTHER MATERIALS:

A. All other materials, not specifically described but required for a complete and proper installation, shall be as selected by the Contractor subject to the approval of Engineer.

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 falling within this Section.
- B. Inspection: Prior to all work of this Section, inspect all areas of the site to be solid sodded in the presence of the Engineer and Owner. Check existing soil elevations, lines, grades, and conditions to assure specified final finished grades and grassed surfaces. Confirm all findings requiring correction to the Engineer in writing. Do not proceed with work until corrective measures have been taken. Failure of the Contractor to comply with this requirement will be construed, as the Contractor having accepted existing surface and the Contractor at no cost will make any necessary or required corrective measures to the Owner.

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 SOLID SODDING:

A. General:

- 1. Sodding Season: Do not place immediately following rain, or when ground is too dry, frozen or during windy periods.
- Damage to Sodded Areas: At all times from beginning of construction to sodding acceptance, Contractor shall provide protection for Work and shall repair damage occurring to solid sod and grades during above stated period.

B. Sod Installation:



- 1. Place solid sod as follows:
 - a. Fine rake finished grade to provide smooth finished surface.
 - b. Place sod on completed planting surface utilizing suitable equipment for placing rolled sod. Remove netting during installation operation.
 - c. Tightly butt edge of sod rolls. Place rolls with alternating joints.
 - d. Hand water as required after sod has been placed and until irrigation station can be utilized.
 - e. Locate and trim sod around all irrigation heads, valve boxes and quick coupler boxes at time of sod installation.
- 2. Roll sodded areas to bond sod to soil and smooth out rough spots.
- 3. Water as required.
- 4. Completed sod surface shall be smooth, free of irregularities, conform to the grades and lines specified, and acceptable to the Engineer/Owner.

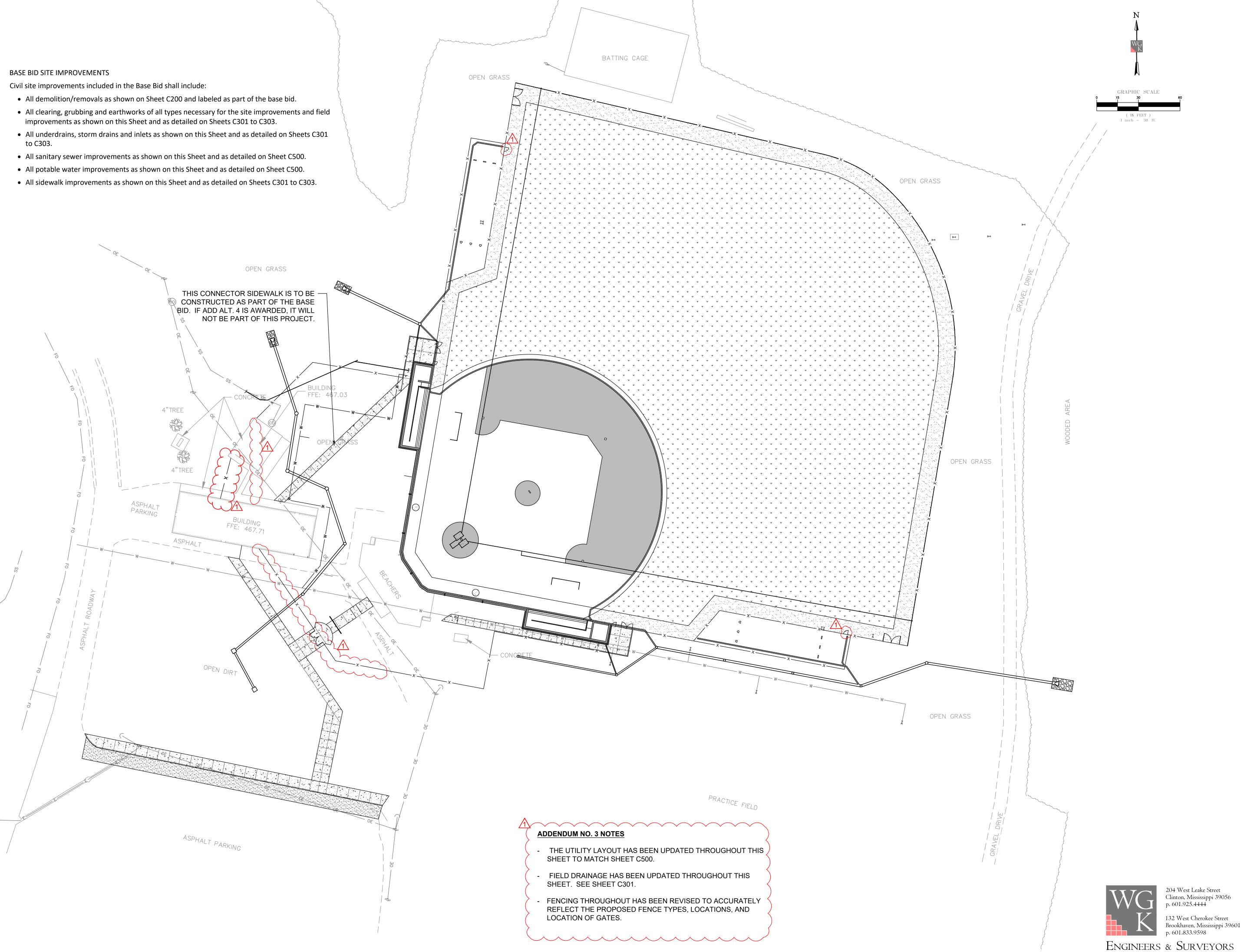
3.3 FIELD ESTABLISHMENT AND MAINTENANCE:

- A. Water field as needed to keep sod damp. Provide all equipment, personnel, and appurtenances required for watering operations.
- B. Fill ruts, runnels, and other such surface inequities with specified soil mix, tamp, level, and replant. Remove hummocks, high points and other such surface inequities, tamp level, and replant.
- C. Remove all rocks, pebbles and any debris from the finished surface.
- D. Test for soil ph and nutrient requirements. Apply 35 to 50 pounds of nitrogen per acre in the form of ammonium nitrate on a weekly basis until sod has knit to surface. Apply agricultural limestone as required to maintain optimum soil mix pH. After knitting, apply slow release nitrogen at the rate of 1.5 pounds per 1000 square feet, on monthly basis, through August.
- E. Begin mowing turf regularly 14 days following planting. Maintain height of 1" to 1-1/2" for two weeks. Lower mowers over the following three weeks in even increments to a final cutting height of 3/4". Do not cut more than 1/3 of grass blade at any one mowing. Mowing shall be done in a bi-directional manner with a reel type mower or accepted rotary mower. Clippings shall be removed at each mowing.
- F. Continue to fill depressions and voids and remove high points to achieve smoothness.
- G. Following establishment of turf, core aerate entire sodded field surface to a depth of 6" -8" to blend athletic field soil and soil cut with sod. Break up cores and drag into turf.
- H. Submit written schedule for control of weeds, insects, and fungus, listing chemicals to be used, rates of application, personnel to apply chemicals, and time of day of application to Engineer for approval. Control any infestation that appears before final acceptance with measures and procedures in accordance with approved schedule.



- I. Water as required preventing turf and soil from drying out.
- J. Replant areas that show bare spots larger than 2" in any dimension after 30 days following sod installation.
- K. Post signs to protect sodded areas during establishment and maintenance period.
- L. Contractor to include in his bid a full service maintenance program for the establishment period of forty-five (45) days. The Owner reserves the right to reduce the above requirements and to adjust scheduling of maintenance operations.
- 3.4. FINAL INSPECTION AND ACCEPTANCE:
- A. At the end of the maintenance period, submit request for inspection for final acceptance one week before date of inspection. Jointly review with Engineer/Owner all work for final acceptance.
- B. Upon completion of required repairs and replacements, the Engineer will confirm date of final acceptance of the work.

END OF SECTION





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H F McCarthy DRIVE, Wesson, Mississippi 39191



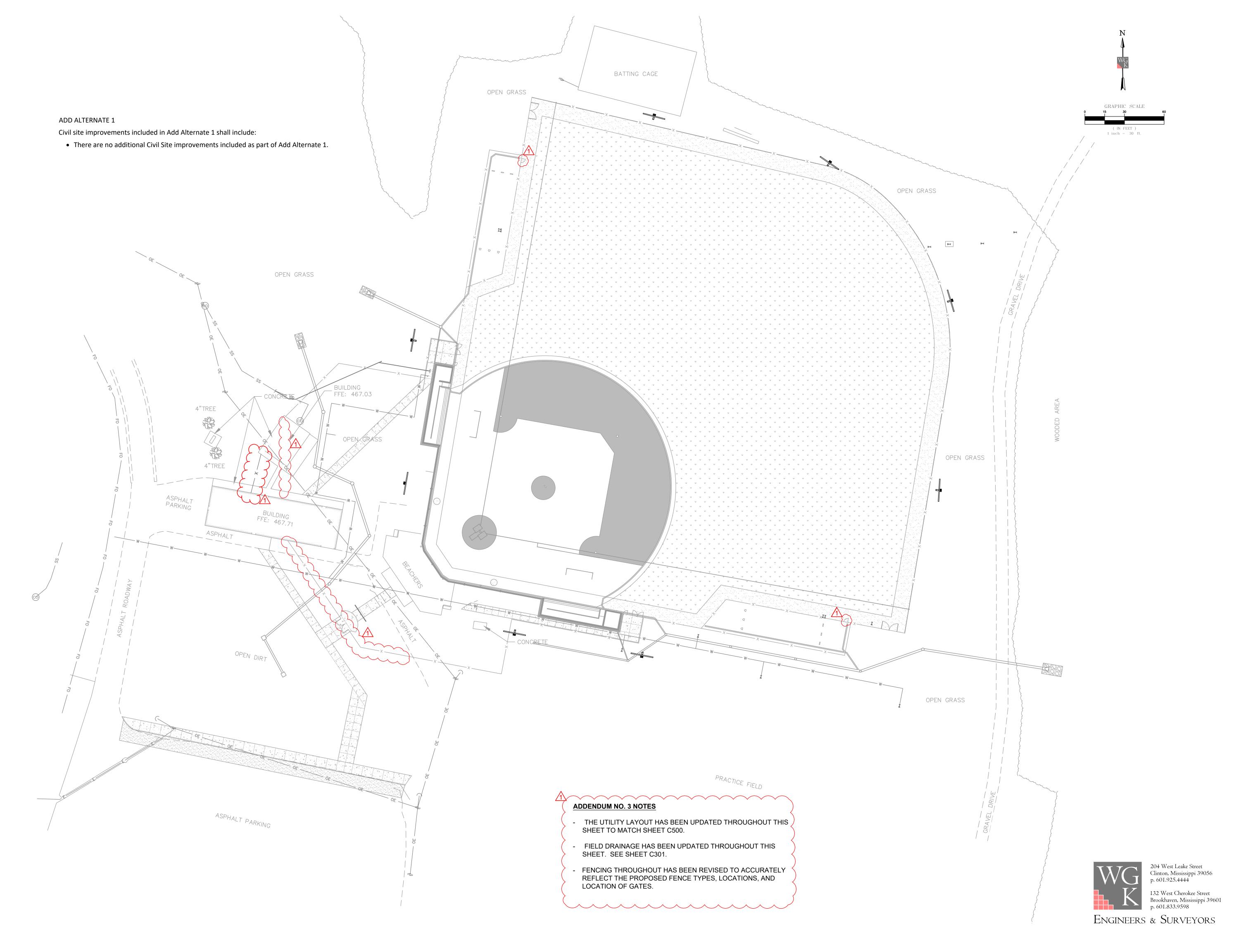
CONSTRUCTION DOCUMENTS WBA # 21-053

REVISIONS

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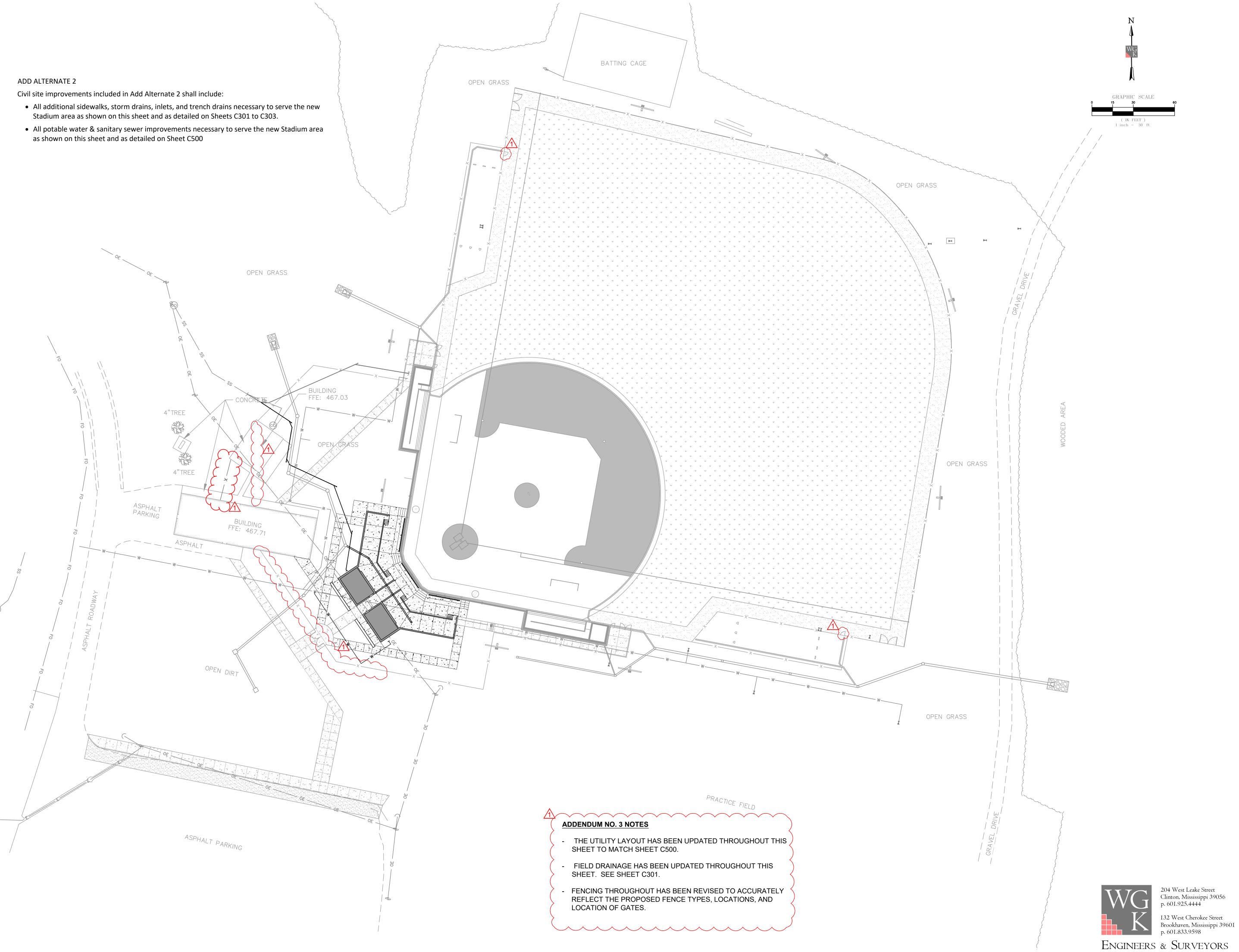
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C103
CIVIL SITE
IMPROVEMENTS
- ALT #1





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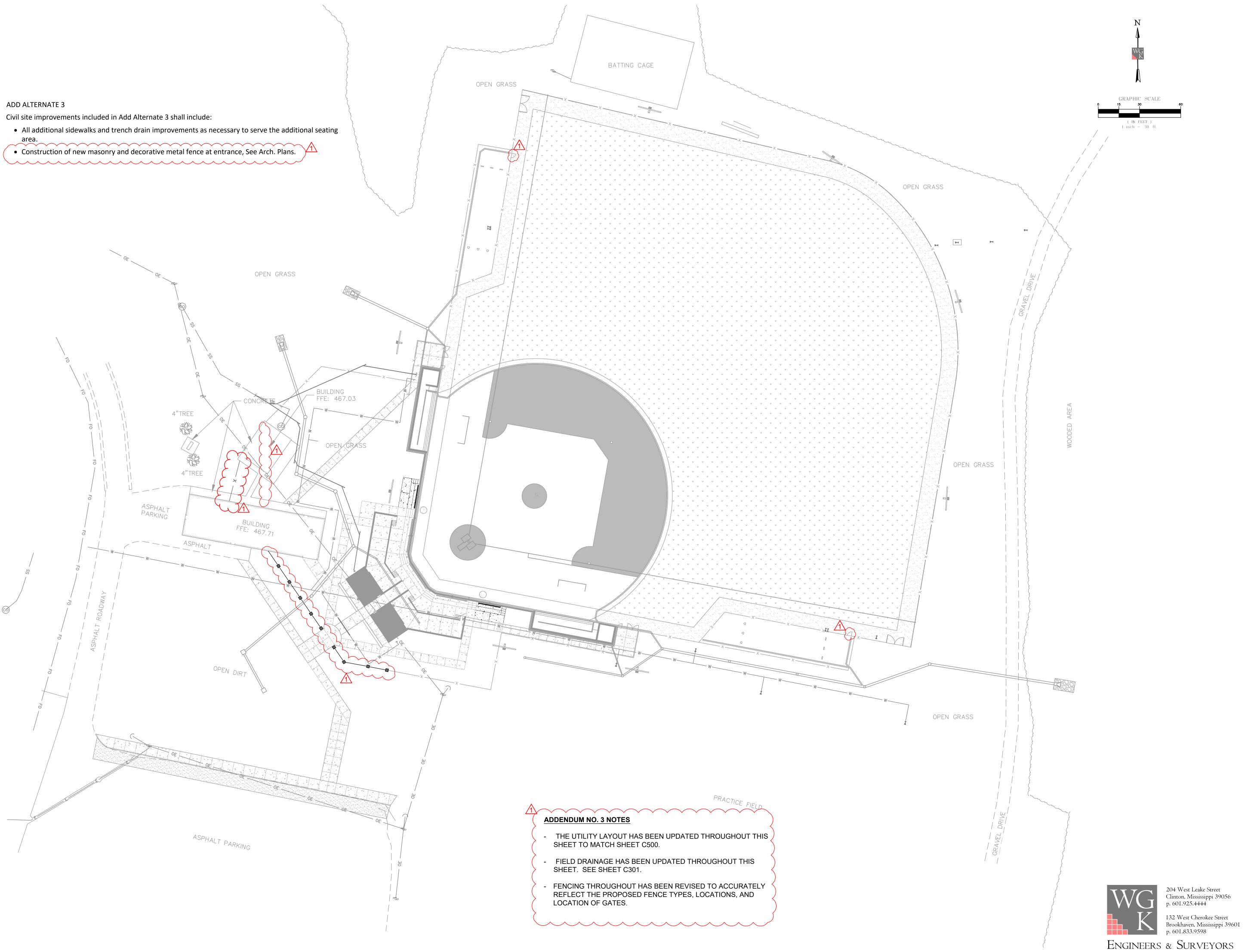
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444

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CIVIL SITE IMPROVEMENTS - ALT #2





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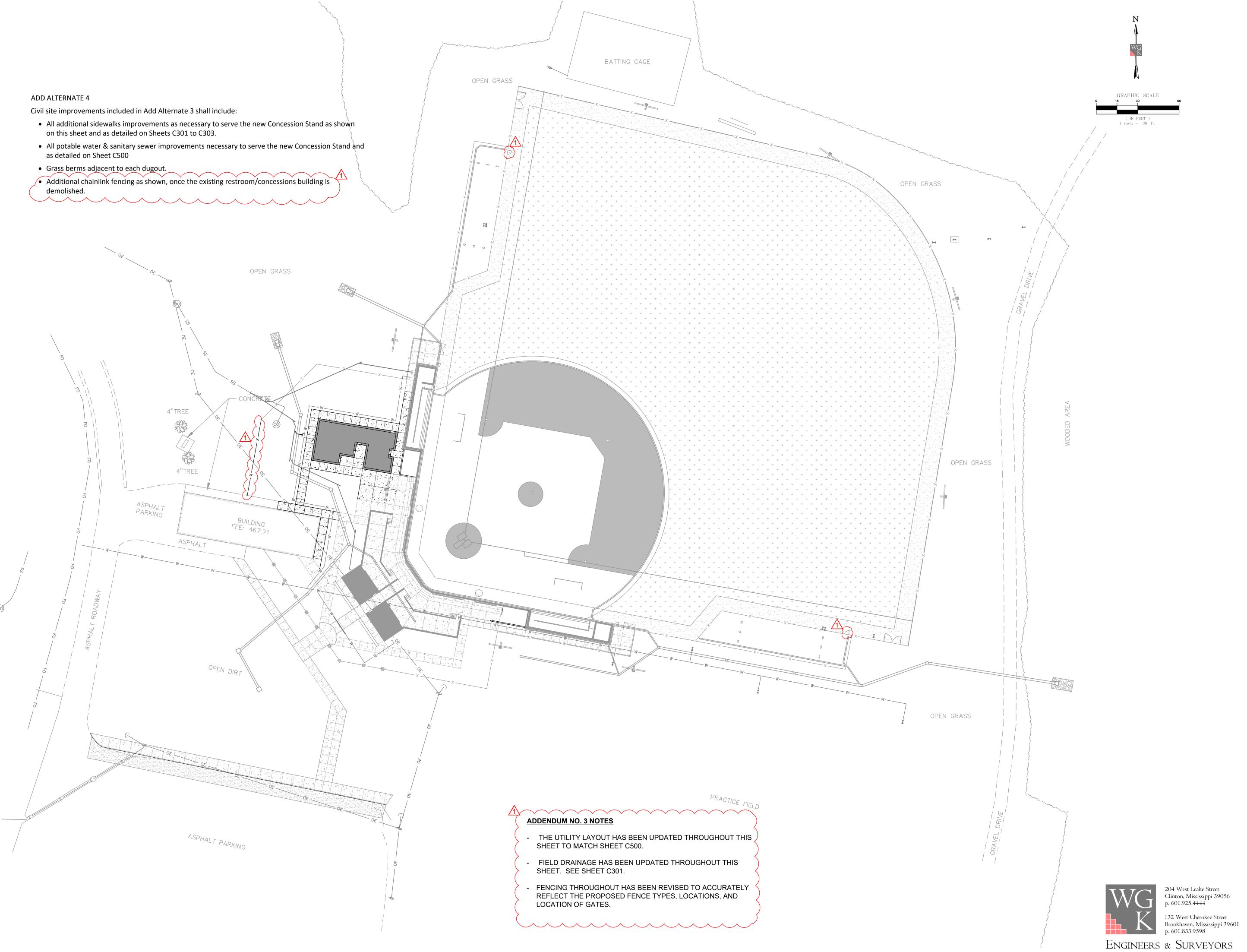
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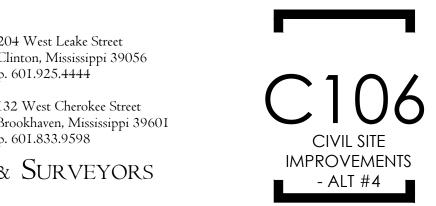


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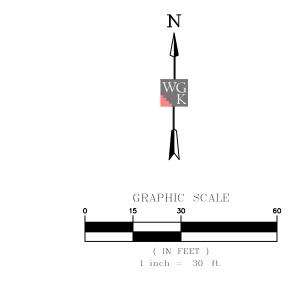


FIELD DEMOLITION NOTES:

OTHERWISE AUTHORIZED BY THE ARCHITECT/ENGINEER.

INFORMATION GIVEN WAS TAKEN FROM TOPOGRAPHICAL SURVEY AND ON-SITE MEASUREMENTS. CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS AND REPORT ANY DISCREPANCIES, CONFLICTS, OR OTHER UNSATISFACTORY CONDITIONS TO THE ARCHITECT/ENGINEER PRIOR TO CONSTRUCTION.

- 1. THE CONTRACTORS OPERATIONS SHALL BE LIMITED TO AREAS WITHIN THE LIMITS OF WORK INDICATED ON THE PLANS UNLESS
- 2. THE CONTRACTOR SHALL CALL THE MISSISSIPPI DAMAGE PREVENTION NUMBER (1-800-227-6477) BY LAW TO LOCATE ALL EXISTING UTILITIES ON SITE PRIOR TO THE START OF HIS WORK.
- 3. ALL MATERIALS TO BE DEMOLISHED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF OFF SITE IN A LEGAL LANDFILL. CONTRACTOR IS NOT ALLOWED TO STOCKPILE DEMOLITION MATERIALS ON SITE; ALL MATERIALS TO BE REMOVED IN A TIMELY
- 4. <u>SITE UTILITIES</u>: ALL SITE UTILITIES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE TO REMAIN UNLESS SPECIFICALLY NOTED TO BE REMOVED. CONTRACTOR IS TO FIELD VERIFY ALL SUBSURFACE UTILITIES PRIOR TO STARTING ANY DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE OWNER (COLLEGE) AND COORDINATING ANY REQUIRED DISCONNECTS OF





BASEBALL FIELD AND **STADIUM IMPROVEMENTS**

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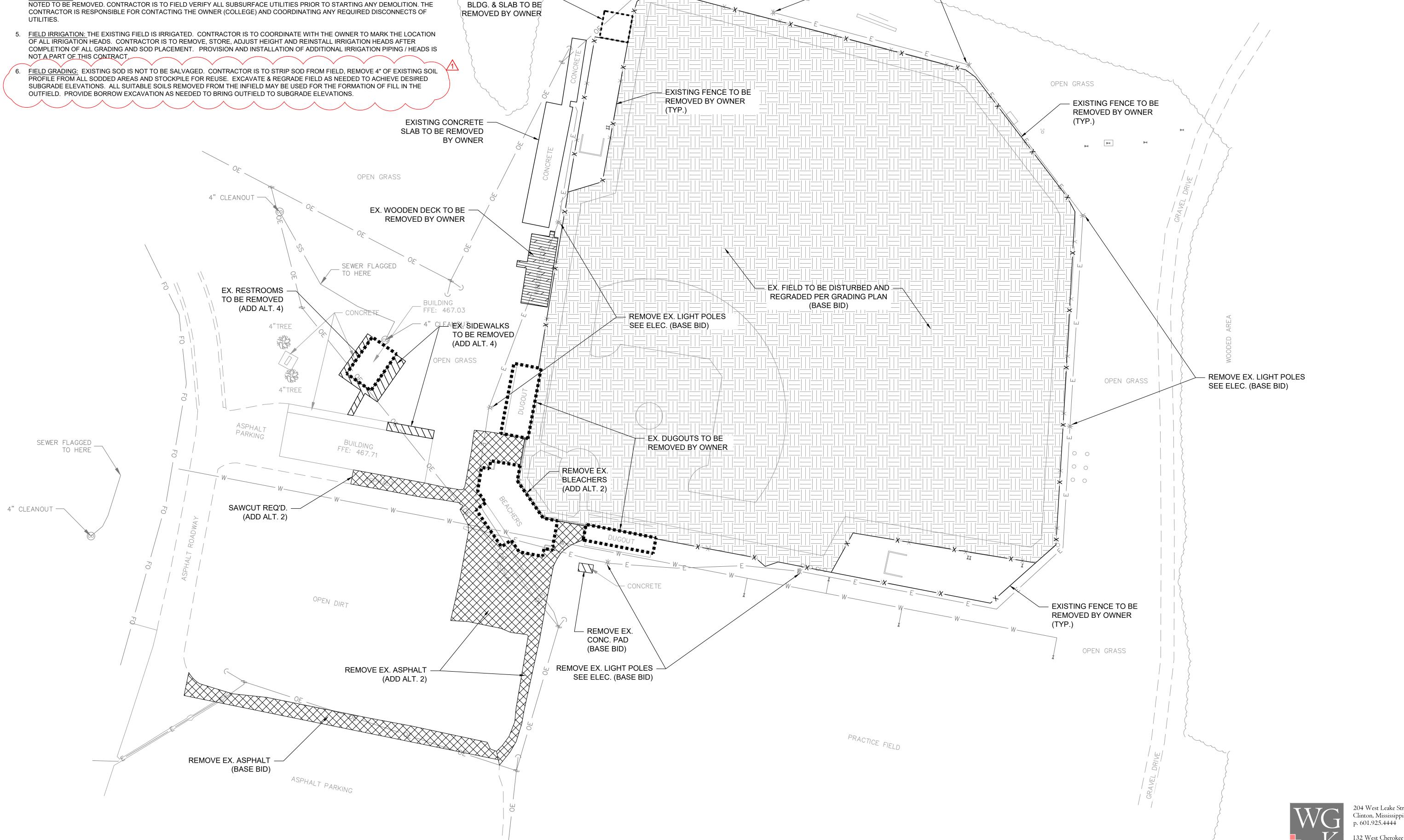
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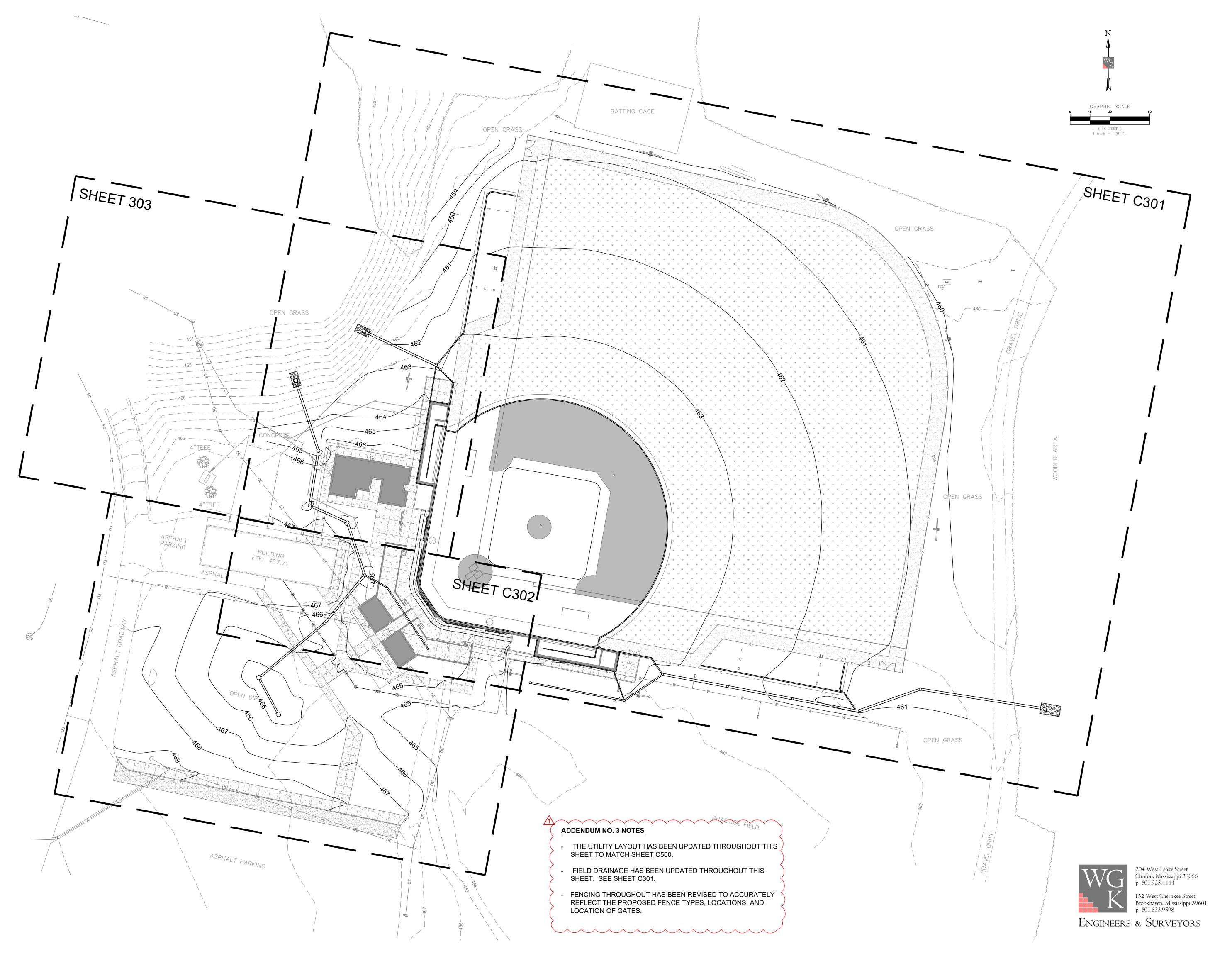
OPEN GRASS

EXISTING STORAGE

REMOVE EX. LIGHT

POLES

SEE ELEC.





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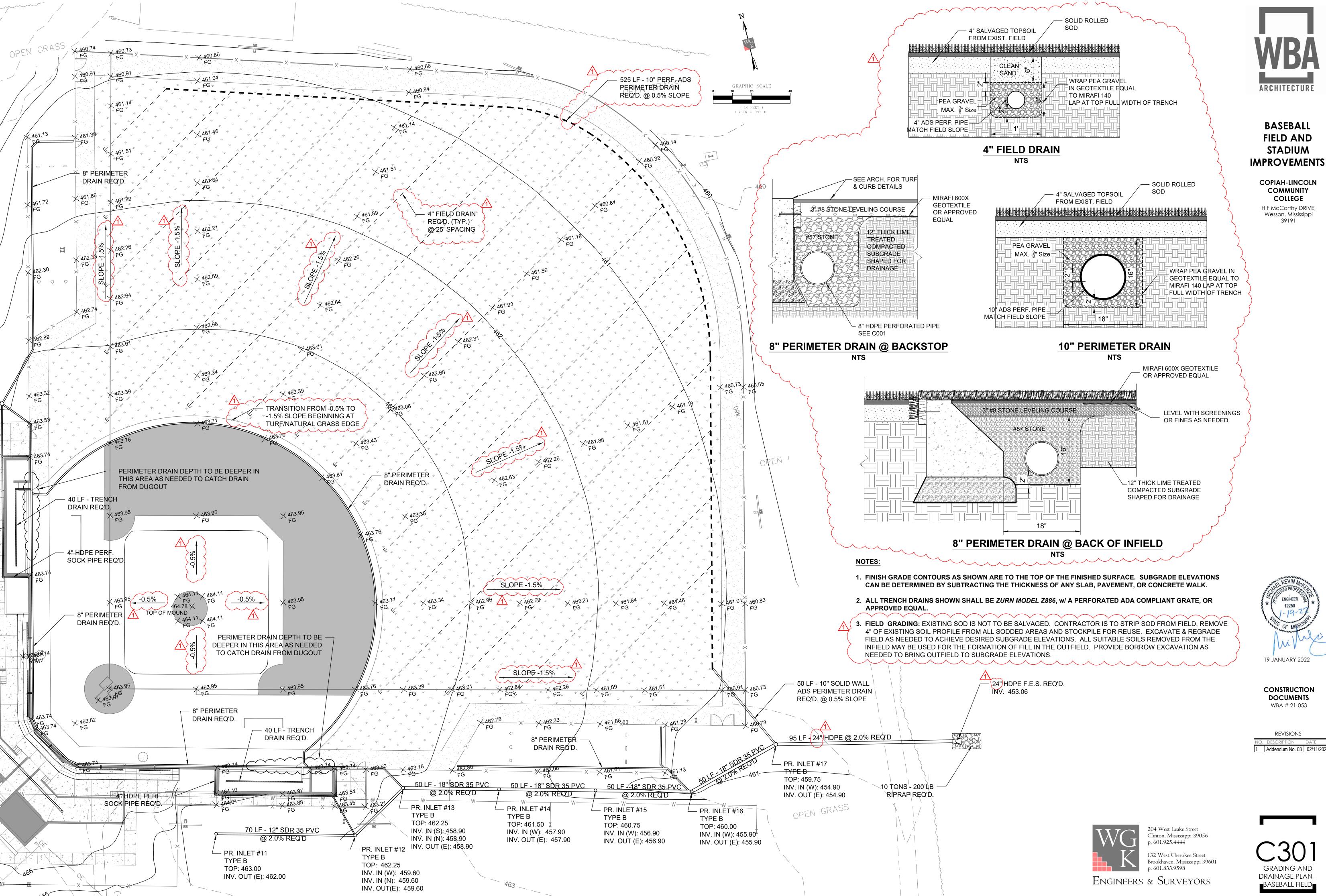
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C300
GRADING AND
DRAINAGE PLAN
- OVERVIEW



BASEBALL FIELD AND **STADIUM**

COPIAH-LINCOLN COMMUNITY

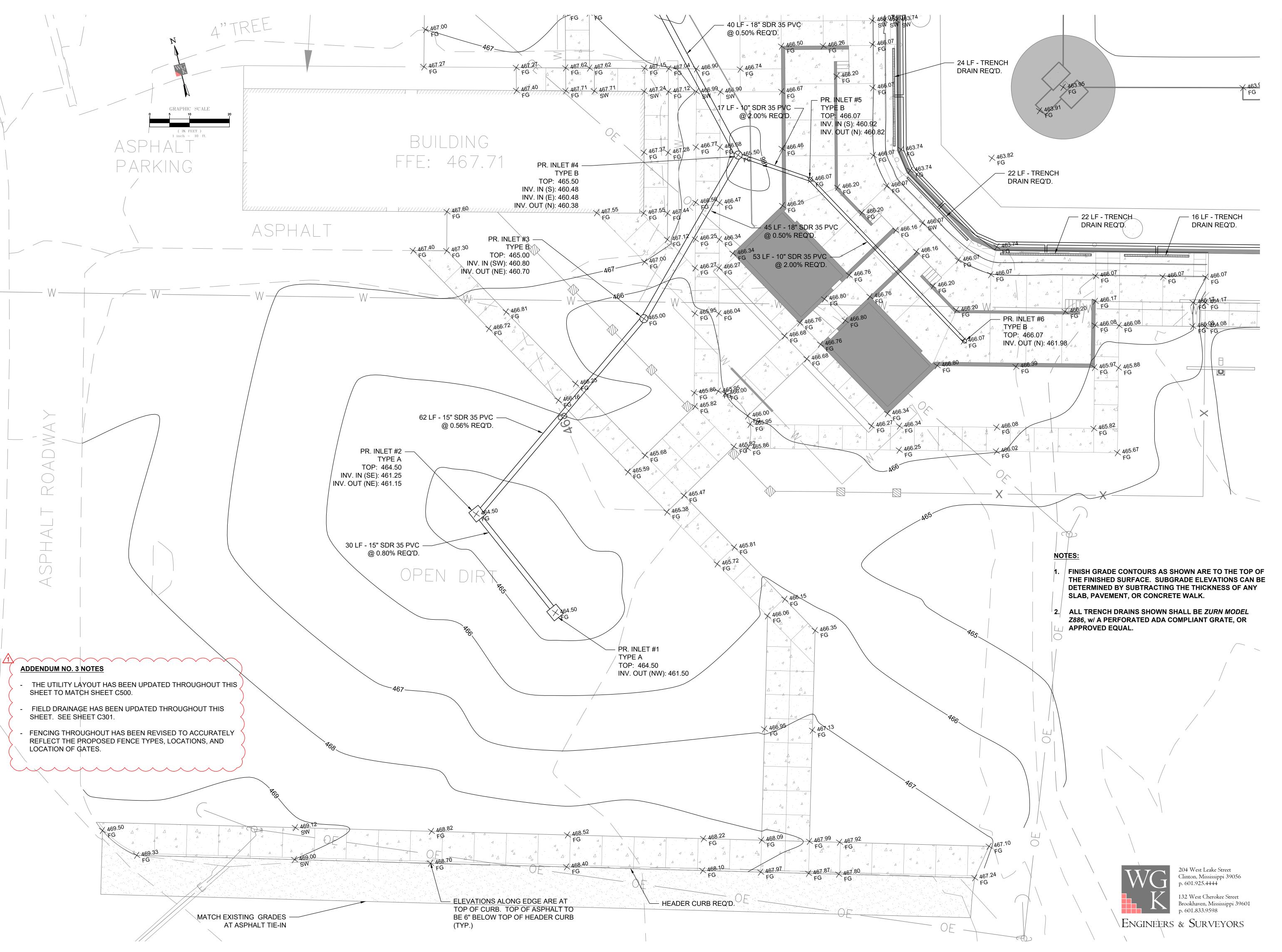
Wesson, Mississippi

19 JANUARY 2022

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GRADING AND DRAINAGE PLAN -





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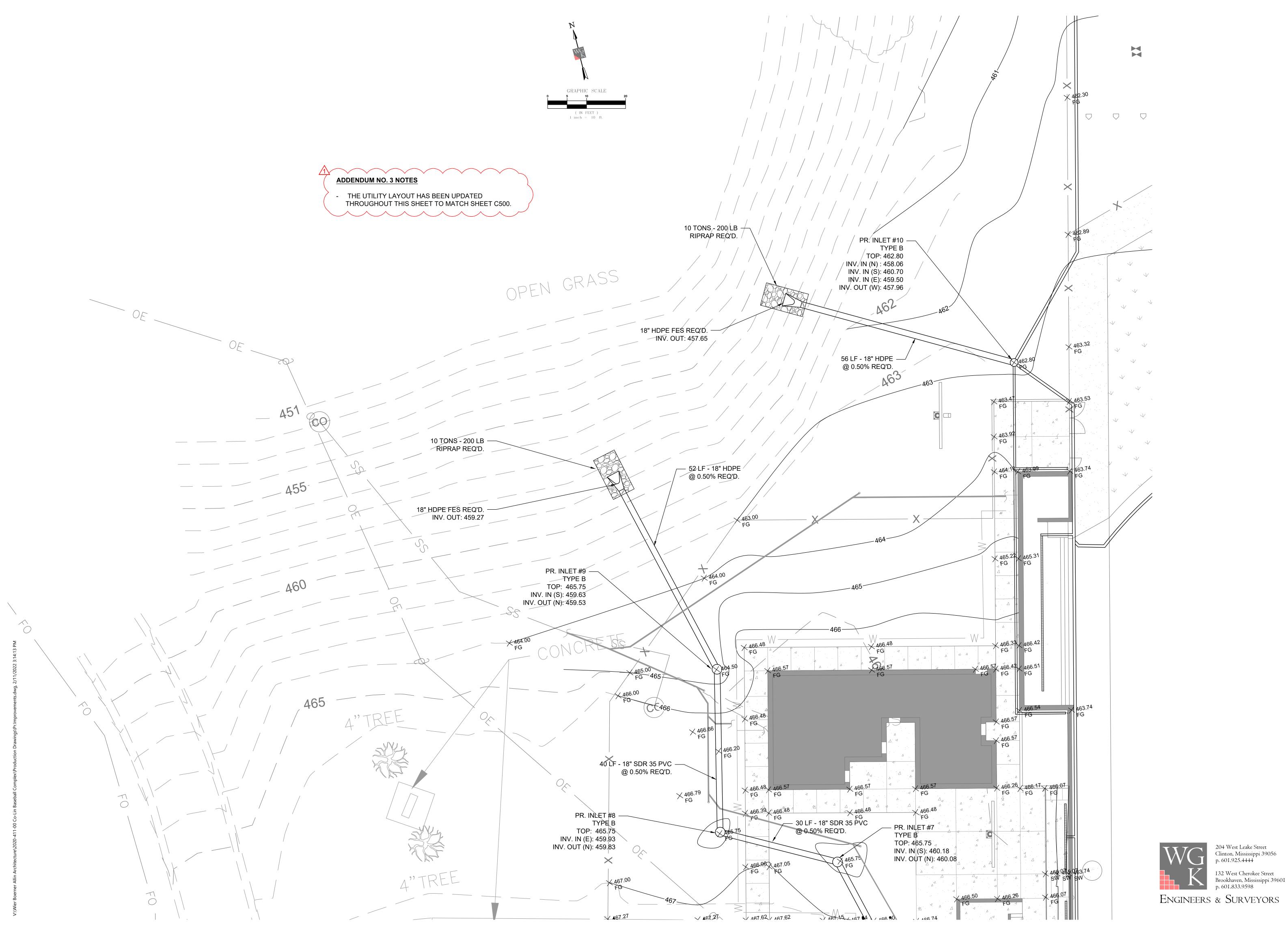


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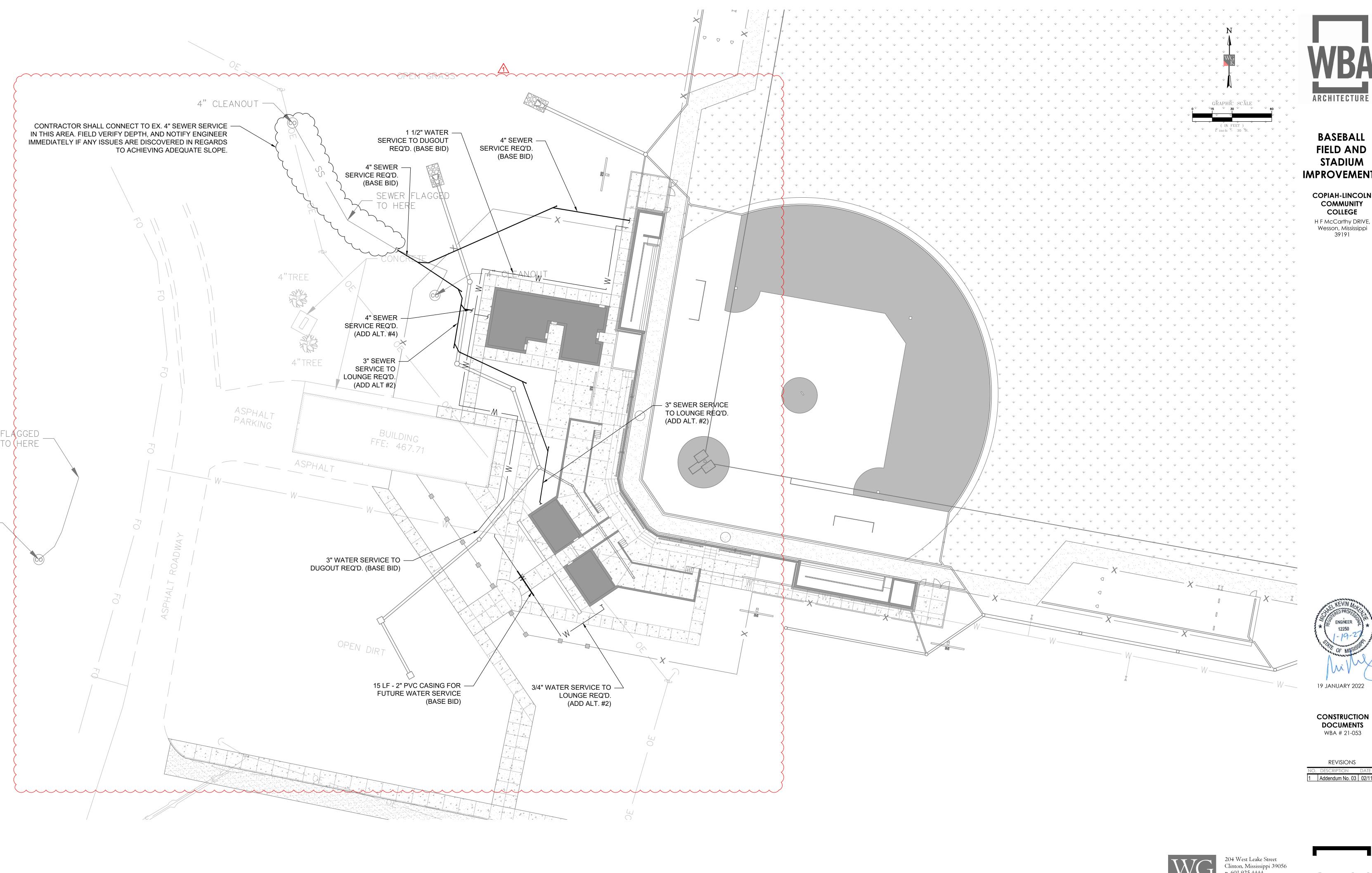
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> COMMUNITY COLLEGE

CONSTRUCTION DOCUMENTS WBA # 21-053





NOTES:

- 1. ALL COMPONENTS AND FENCE FABRIC TO BE VINYL COATED STEEL.
- 2. FENCING SHALL BE INSTALLED WITH FABRIC FACING THE FIELD.
- 3. ALL POSTS SHALL BE SET IN 2500 PSI CONCRETE FOOTINGS. SEE SPECS FOR EXACT DEPTH.
- 4. CONCRETE SHALL CURE A MINIMUM OF SEVEN DAYS PRIOR TO THE INSTALLATION OF ANY FABRIC MATERIAL.
- 5. FENCING FABRIC SHALL BE FASTENED ALONG PIPE RAILS AT 24" SPACING WITH APPROVED TIES OR CLIPS.

6. FENCING FABRIC SHALL BE FASTENED TO ALL POSTS AT 15" SPACING WITH APPROVED TIES OR CLIPS.

7. FENCE HEIGHT SHALL BE 6'-0" AT ALL AREAS OUTSIDE OF THE FIELD. SEE ARCH. PLANS FOR FENCE HEIGHTS AT PERIMETER OF FIELD AND BULLPENS.



BASEBALL FIELD AND STADIUM IMPROVEMENTS

COPIAH-LINCOLN
COMMUNITY
COLLEGE
H F McCarthy DRIVE,
Wesson, Mississippi
39191



CONSTRUCTION

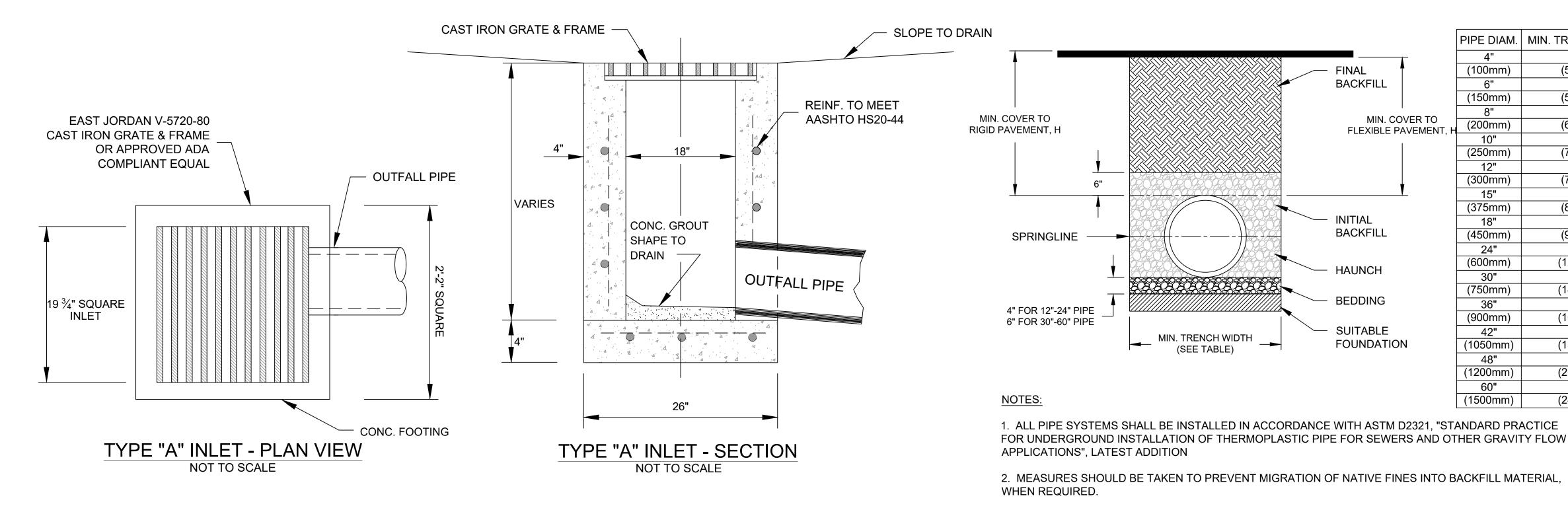
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				1
<u> </u>	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		4"	21"
		→ FINAL ↑	(100mm)	(533mm)
		BACKFILL	6"	23"
			(150mm)	(584mm)
N COVER TO		MINI COVER TO	8"	26"
N. COVER TO D PAVEMENT, H		MIN. COVER TO FLEXIBLE PAVEMENT, H	(200mm)	(660mm)
DIAVEMENT, II		I LEXIBLE I //VEIVIENT, II	10"	28"
			(250mm)	(711mm)
<u> </u>			12"	30"
6"			(300mm)	(762mm)
1			15"	34"
↑			(375mm)	(864mm)
ı		INITIAL	18"	39"
SPRINGLINE		BACKFILL	(450mm)	(991mm)
			24"	48"
↓		HAUNCH	(600mm)	(1219mm)
		HAUNCH	30"	56"
		DEDDING	(750mm)	(1422mm)
4" FOR 12"-24" PIPE		BEDDING	36"	64"
6" FOR 30"-60" PIPE			(900mm)	(1626mm)
	MIN. TRENCH WIDTH	SUITABLE	42"	72"
	(SEE TABLE)	FOUNDATION	(1050mm)	(1829mm)
	,		48"	80"
			(1200mm)	(2032mm)
			60"	96"
NOTES:			(1500mm)	(2438mm)

3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A

DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE

ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH

4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE

LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR

IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO

OF COVER, EMBEDMENT OF THE PIPE SHALL BE USING ONLY A CLASS I OR CLASS II BACKFILL

DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE

ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100mm) FOR 4"-24" (100mm-600mm); 6" (150mm)

5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT

MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321

PLASTIC PIPE INSTALLATION

BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.

FOR 30"-60" (750mm-1500mm).

LATEST EDITION.

PIPE DIAM. MIN. TRENCH WIDTH

		SURFACE LIVE LOADING CONDITION		
	PIPE DIAM.	11.05	HEAVY CONSTRUCTION	
		H-25	(75T AXLE LAOD) *	
	12" - 48"	12"	48"	
	(300mm - 1200mm)	(305mm)	(1219mm)	
	60"	24"	60"	
	(1500mm)	(610mm)	(1524mm)	

CLASS II

95% 90%

CLASS III

95%

Г	
W	BA
ARCHIT	ECTURE

BASEBALL FIELD AND **STADIUM IMPROVEMENTS**

> **COPIAH-LINCOLN** COMMUNITY COLLEGE H F McCarthy DRIVE,

Wesson, Mississippi 39191

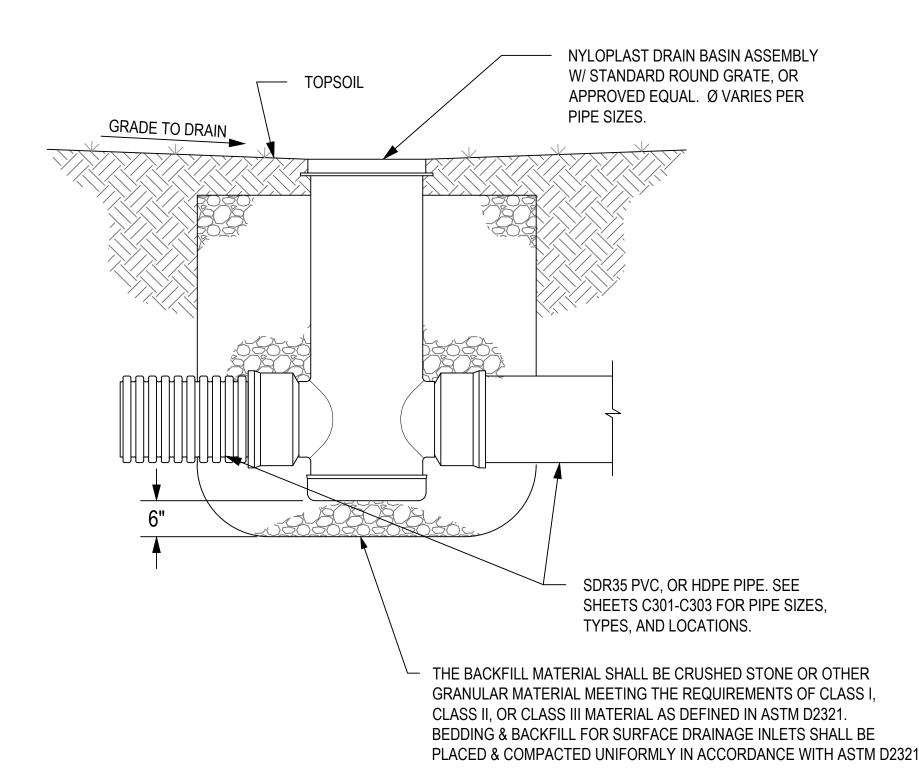
(200mm)	(9.8m)	(4.6m)	(6.7m)	(
10"	38	18	26	
(250mm)	(11.6m)	(5.5m)	(7.9m)	
12"	35	17	24	
(300mm)	(10.7m)	(5.2m)	(7.3m)	
15"	38	17	25	
(375mm)	(11.6m)	(5.2m)	(7.6m)	
18"	36	17	24	
(450mm)	(11.0m)	(5.2m)	(7.3m)	
24"	28	13	20	

CLASS I

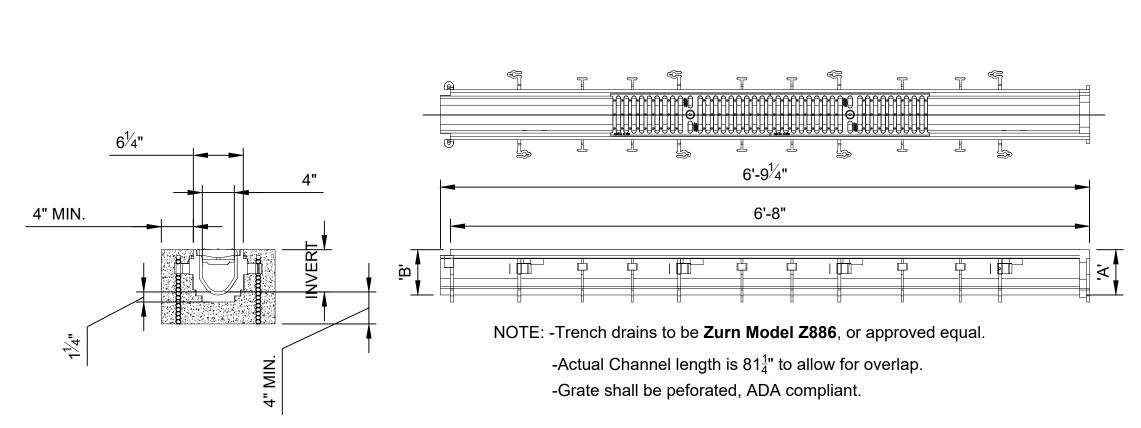
COMPACTED DUMPED

PIPE DIAM.

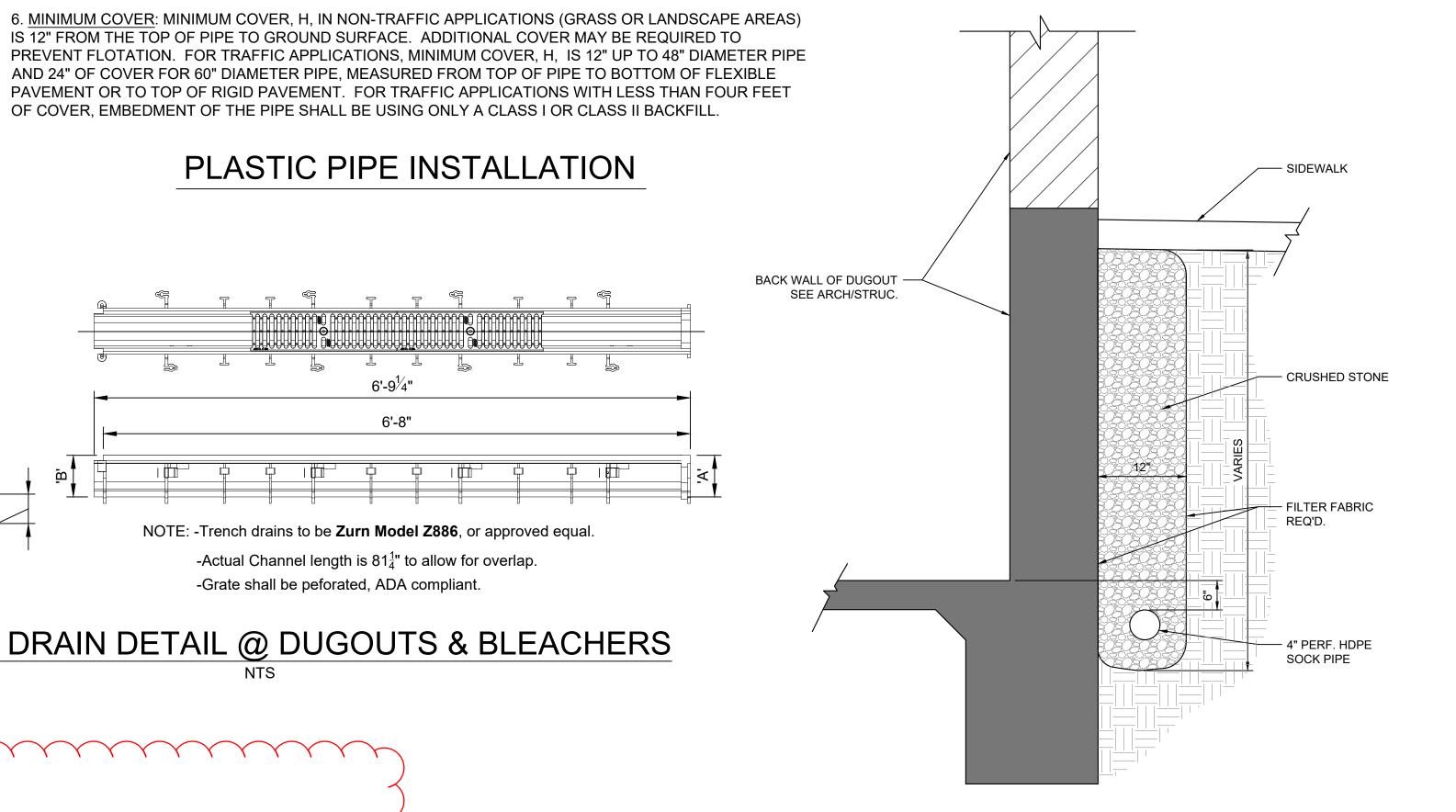
25 (100mm) (11.3m) (5.5m) (7.6m) (5.5m) (5.5m) 20 20 29 (6.1m) (8.8m) (150mm) (13.4m) (6.1m) (6.4m) 15 16 (4.6m)(4.9m)18 (5.5m) (5.5m) 17 17 (5.2m) (5.2m)17 18 (5.2m)(5.5m)17 17 (5.2m) (5.2m)13 14 (600mm) (8.5m)(4.0m) (4.0m) (4.3m)(6.1m) 30" 20 13 14 13 (750mm) (8.5m)(4.0m) (6.1m) (4.0m) (4.3m)36" 26 12 18 13 13 (900mm) (7.9m)(3.7m)(5.5m) (4.0m) (4.0m) 11 11 42" 11 16 (1050mm)(7.0m)(3.4m) (4.9m) (3.4m) (3.4m) 25 11 48" 11 17 12 (1200mm)(7.6m)(3.4m) (5.2m) (3.4m) (3.7m) 25 11 17 11 12 (5.2m) (3.4m) (1500mm) (7.6m) (3.4m) (3.7m)



TYPE "B" INLET



TRENCH DRAIN DETAIL @ DUGOUTS & BLEACHERS



TYP. DRAINAGE @ DUGOUT WALLS





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PROJECT SCOPE OVERVIEW:

BASE BID SCOPE:

- A. REGRADE EXISTING BASEBALL FIELD (SEE CIVIL)
- B. INSTALL NEW FIELD SURFACE MATERIALS
- C. CONSTRUCT NEW HOME & VISITOR DUGOUTS
- D. CONSTRUCT NEW BACKSTOP WALL & SAFETY NETTING SYSTEME. CHAIN LINK FENCE ENCLOSURE
- F. SITE PAVING FOR FACILITY ACCESS (SEE CIVIL)

ADD ALTERNATE 1 SCOPE:

A. NEW BASEBALL FIELD LIGHTING (SEE ELECTRICAL)

ADD ALTERNATE 2 SCOPE:

- A. CONSTRUCT NEW CONCRETE CONCOURSE W/ CHAIRBACK SEATING
- B. CONSTRUCT NEW ALUM BLEACHER SYSTEM & ENCLOSURE
- C. CONSTRUCT NEW PRESSBOX BUILDING
- D. CONSTRUCT NEW STEEL SHADE STRUCTURE
- E. ADDITIONAL SITE PAVING (SEE CIVIL & STRUCTURAL)

ADD ALTERNATE 3 SCOPE:

- A. CONSTRUCT NEW ENTRY STRUCTURE WITH GATE
- B. CONSTRUCT NEW MASONRY AND DECORATIVE METAL FENCE
- C. ADDITIONAL SITE PAVING & ENTRY PLAZA
- D. NEW LIGHTING AT SIDEWALKS (SEE ELECTRICAL)

ADD ALTERNATE 4 SCOPE:

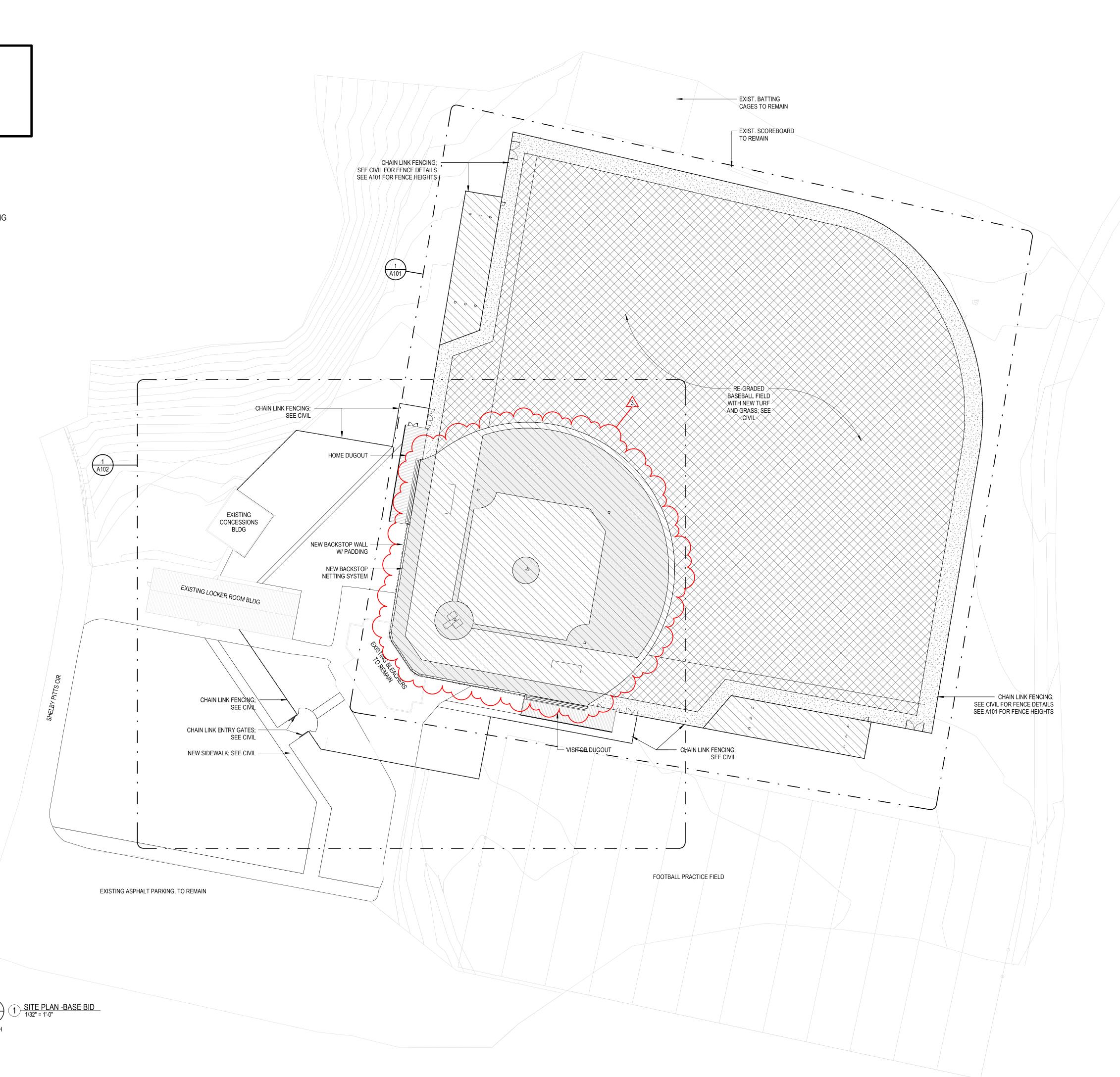
- A. CONSTRUCT NEW CONCESSIONS & RESTROOM BUILDING
- B. EXTEND CONCRETE STEP SEATING
- C. CONSTRUCT GRASS BERM SEATING
- ADDITIONAL SITE PAVING (SEE CIVIL & STRUCTURAL)

FIELD MATERIALS LEGEND



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BASEBALL FIELD AND STADIUM IMPROVEMENTS

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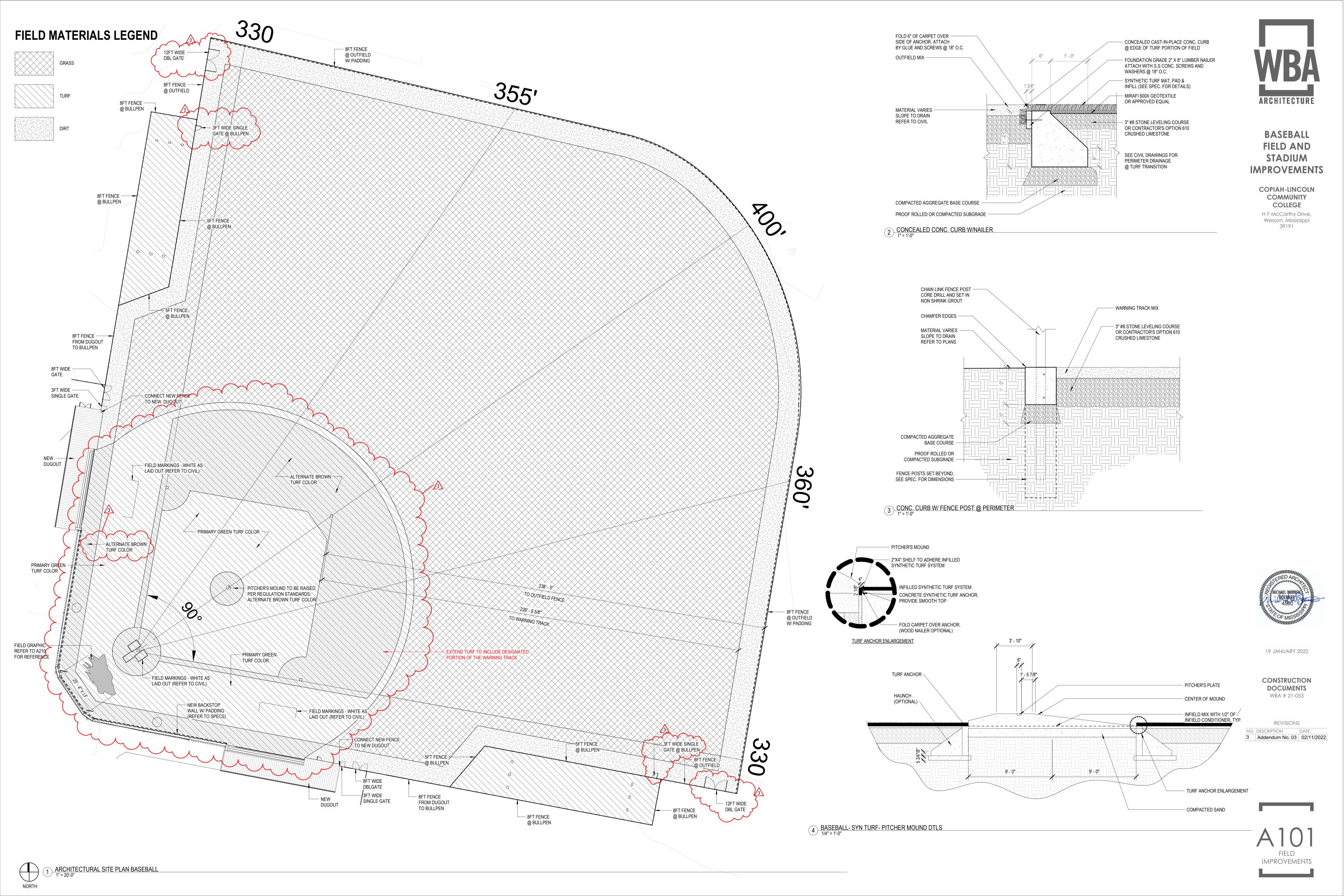
CONSTRUCTION DOCUMENTS WBA # 21-053

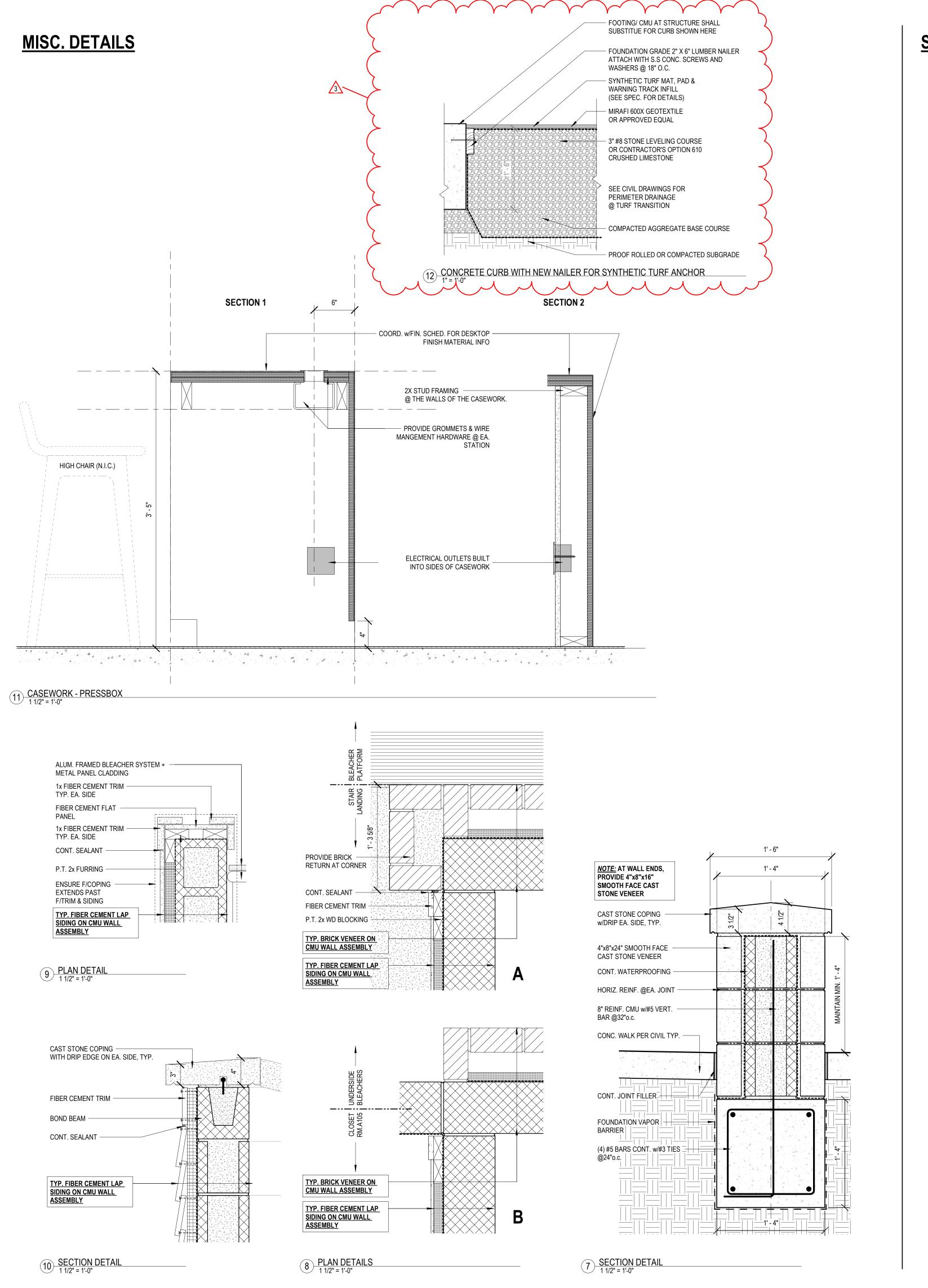
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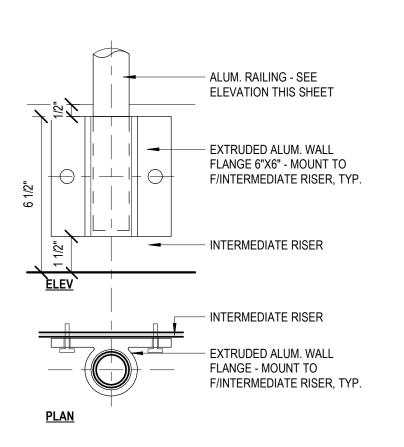
STAIR AND RAILING DETAILS



BASEBALL FIELD AND **STADIUM IMPROVEMENTS**

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6 RAILING DETAILS
3" = 1'-0"

4 STAIR & RAILING DETAILS
1 1/2" = 1'-0"

1-1/2" DIA. STL PIPE

PROVIDE CONT. FLASHING

w/HEMMED EDGE SET IN

CONT. SEALANT BED ALL

1-1/2"SQ. STL POST;

STRINGER w/1/4" PLATE TYP; PAINT

STEEL STAIR FRAMING PER STRUCT. DWGS; PAINT ALL EXPOSED STEEL SURFACES

TYP. FIBER CEMENT LAP

2 STAIR & RAILING DETAILS
3/4" = 1'-0"

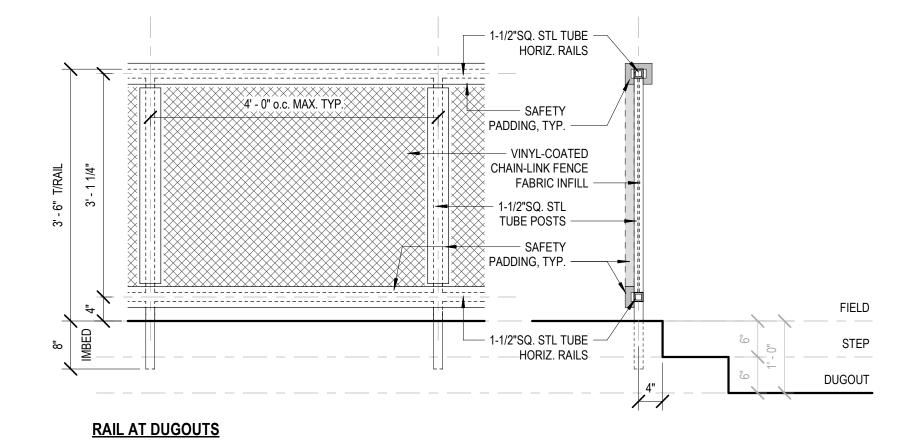
SIDING ON CMU WALL

ANCHOR TO F/

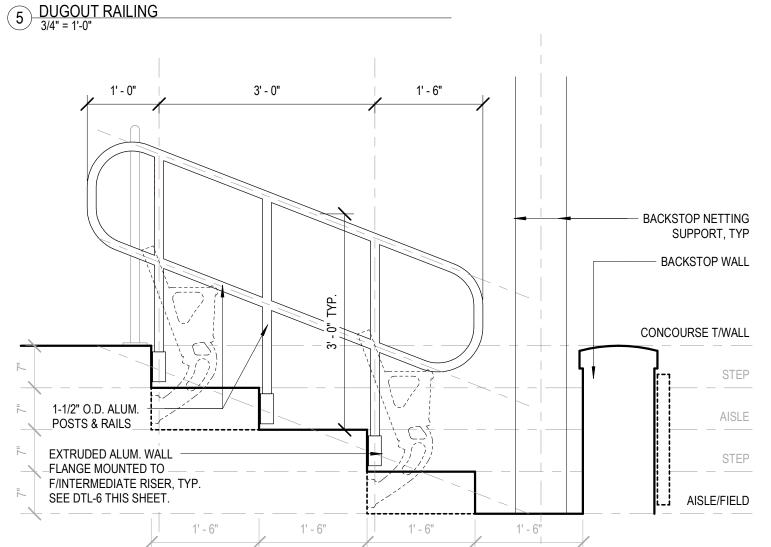
CONT. SEALANT

ALONG TOP OF STRINGER

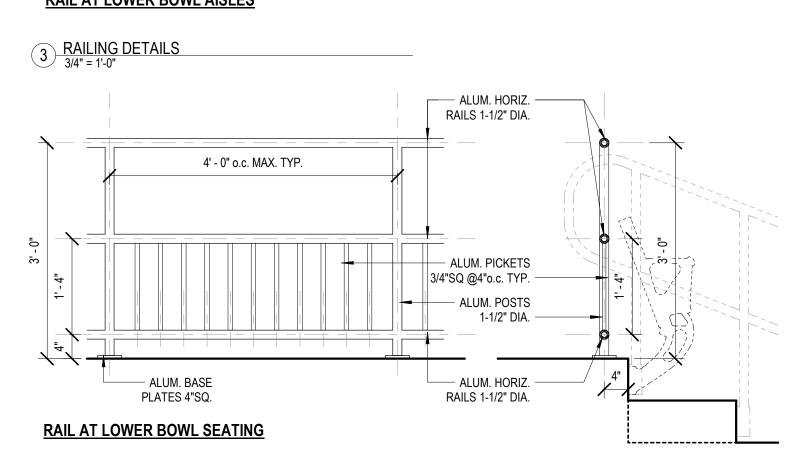
HANDRAIL, PAINT



11" TYP HANDRAIL POST MOUNTING -SEE SECTION BELOW



1'-6" 1'-6" 1'-6" RAIL AT LOWER BOWL AISLES



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SPECIFIC MECHANICAL NOTES

M1 TYPICAL SERVICE PIPING B

M1 TYPICAL SERVICE PIPING BELOW GRADE. SEE CIVIL DRAWINGS FOR CONTINUATION.

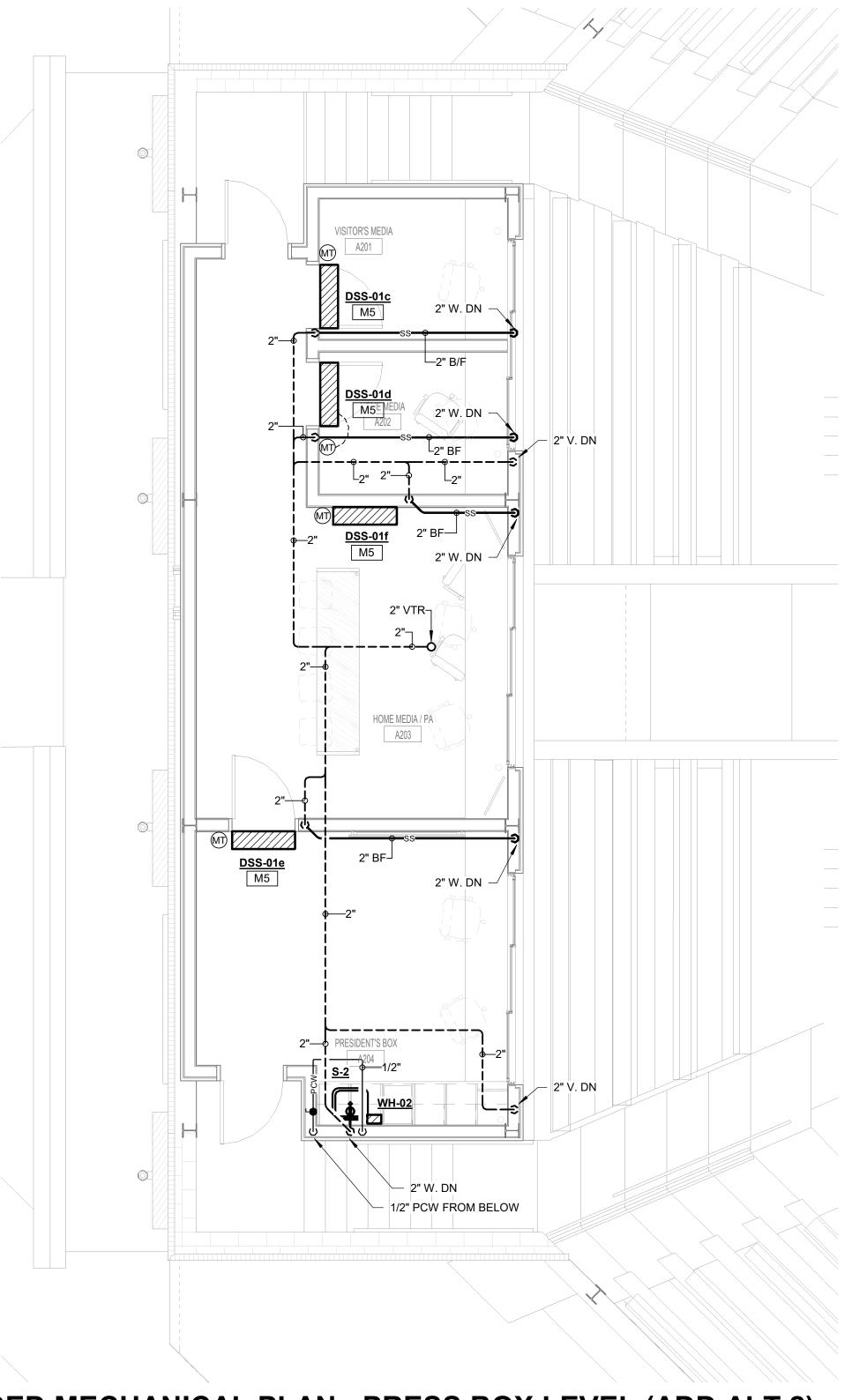
M5 DUCTLESS MINI-SPLIT MOUNTED HIGH ON WALL. SEE



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ENLARGED MECHANICAL PLAN - PRESS BOX LEVEL (ADD ALT 2)

1/4" = 1'-0"



LVR-E01

BOTTOM OF LOUVER SET AT 6'-0" AFF

-3/4" PCW LOOPED B/S

M1 3"→ <u>FGCO</u> <u>//1\</u>

DSS-01a M5

2" W. UP -

2" W. UP -

- 1/2" PCW UP

- 3/4" PCW LOOPED B/S A110

BOTTOM OF LOUVER SET AT 6'-0" AFF

