

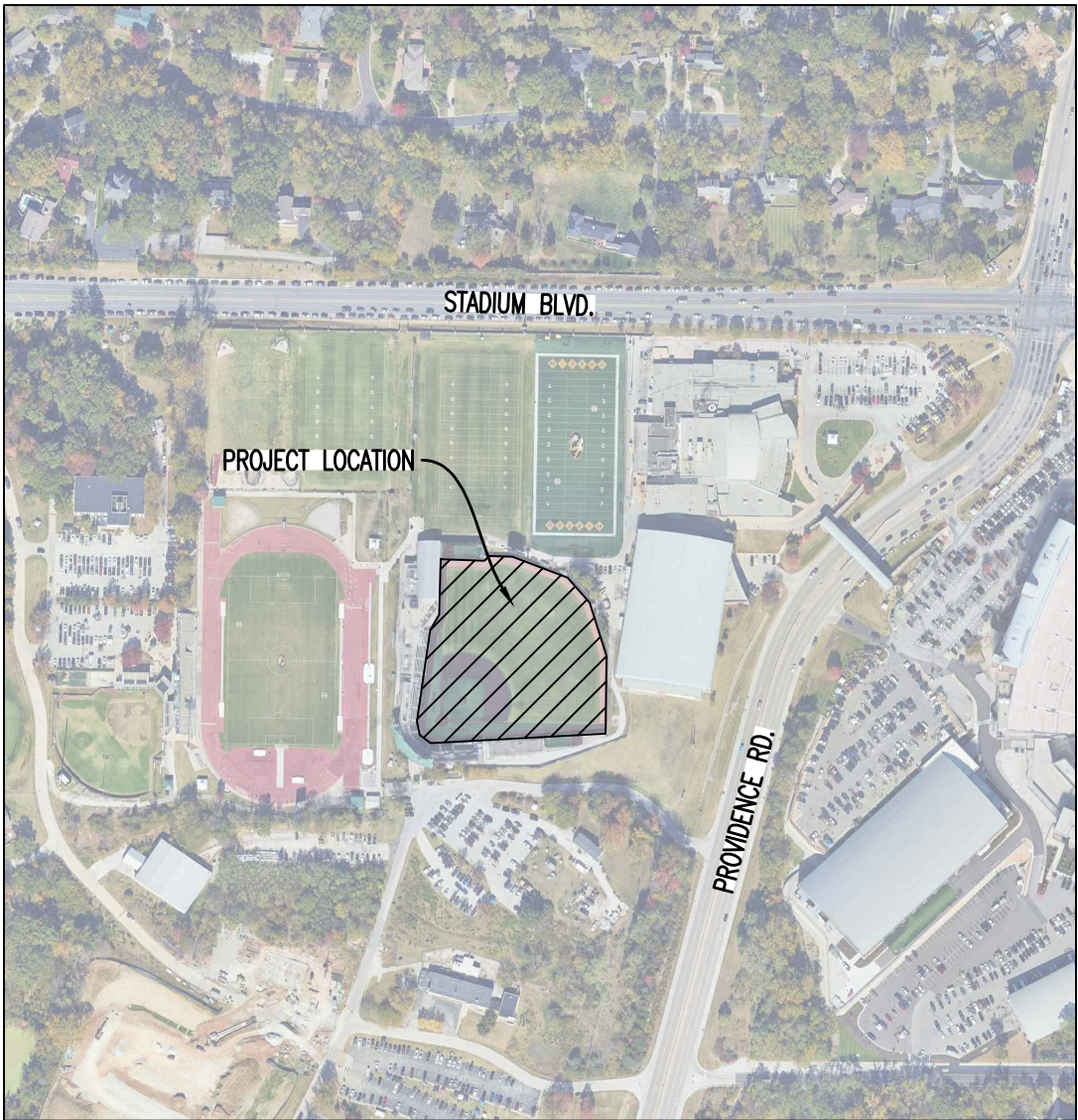


TAYLOR STADIUM - TURF REPLACEMENT

FOR THE CURATORS OF THE UNIVERSITY OF MISSOURI

PROJECT NO. CP252171

LOCATION MAP



FLOOD PLAIN STATEMENT:

NO PART OF THIS TRACT IS LOCATED WITHIN THE 100-YEAR FLOODPLAIN AS PER THE FEME F.I.R.M. PANEL #29019C0280E AND #29019C0287E, BOTH DATED APRIL 19, 2017.

UTILITY COMPANIES:

LOCATES:

MISSOURI ONE CALL INC.
10222 B NORTHEAST DRIVE
JEFFERSON CITY, MO 65109
1-800-344-7483



NATURAL GAS:

AMEREN MISSOURI
2001 MAGUIRE BLVD.
COLUMBIA, MO 65201
573-876-3030

FIBER:

UNIVERSITY OF MISSOURI, DIVISION OF I.T.
920 S COLLEGE AVE.
COLUMBIA, MO 65211
573-882-5000

WATER/ELECTRIC:

CITY OF COLUMBIA
P.O. BOX 6015
WATER & LIGHT DEPARTMENT
COLUMBIA, MO 65205
573-874-7325

SANITARY SEWER:

CITY OF COLUMBIA
P.O. BOX 6015
UTILITIES DEPARTMENT
COLUMBIA, MO 65205
573-874-7250

WATER/ELECTRIC:

ENERGY MANAGEMENT
417 S. 5TH ST.
COLUMBIA, MO 65211
573-882-3094

STORM/SANITARY SEWER &

SECONDARY ELECTRIC:

UNIVERSITY CAMPUS FACILITY OPERATIONS
180 GENERAL SERVICES BUILDING
COLUMBIA, MO 65211
573-882-8211

GENERAL NOTES:

CONTRACTOR WILL BE RESPONSIBLE FOR PLACEMENT AND MAINTENANCE OF TRAFFIC CONTROL DEVICES NECESSARY TO COMPLETE THEIR PORTION OF WORK. THE DEVICES AND METHODS EMPLOYED WILL COMPLY WITH THE CURRENT VERSION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD).

EXISTING UTILITIES SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL COORDINATE LOCATES PRIOR TO ANY EXCAVATION.

ALL EXCAVATION TO BE IN ACCORDANCE WITH SECTIONS 319.010-319.050, REVISED STATUTES OF THE STATE OF MISSOURI. SUCH COMPLIANCE SHALL NOT, HOWEVER, EXCUSE ANY PERSON MAKING ANY EXCAVATION FROM DOING SO IN A CAREFUL AND PRUDENT MANNER, NOR SHALL IT EXCUSE SUCH PERSON FROM LIABILITY FOR ANY DAMAGE OR INJURY TO UNDERGROUND UTILITIES RESULTING FROM THE EXCAVATION.

IT IS THE INTENT OF THESE PLANS TO COMPLY WITH THE REQUIREMENTS OF THE MO&NR CLEAN WATER COMMISSION.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL DEVICES AND REMOVING THEM ONCE THE SITE IS STABILIZED.

STORM WATER OR OTHER SOURCES OF WATER SHALL NOT BE ALLOWED TO ENTER ACTIVE STEAM SYSTEMS.

CONTRACTOR TO PROTECT ALL EXISTING UTILITIES, STRUCTURES, AND PAVEMENT THAT IS TO REMAIN. ALL DAMAGED ITEMS OUTSIDE THE SCOPE OF WORK TO BE REPLACED OR REPAIRED TO ORIGINAL CONDITION AT THE CONTRACTORS EXPENSE.

ALL PAVEMENTS, SIDEWALKS, ABANDONED SEWERS, PIPELINES, EXCESS EARTHWORK, OR OTHER OBSTRUCTIONS TO CONSTRUCTION THAT ARE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS SPECIFICALLY NOTED AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH STATE REGULATION 10 CSR 80-2.010 (9)(A)1.

ALL SLOPES ARE 3:1 OR FLATTER UNLESS OTHERWISE NOTED.

ALL DISTURBED AREAS WITHIN THE "LIMITS OF DISTURBANCE" SHALL BE FINE GRADED BY CONTRACTOR AND VEGETATION REESTABLISHED BY OWNER.

ALL STORM SEWER PIPING SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. REFER TO DETAIL FOR PIPE BEDDING REQUIREMENTS.

TOTAL DISTURBED AREA ON SITE = 2.95 AC.

SPECIAL INSPECTIONS:

THE FOLLOWING ITEMS REQUIRE SPECIAL INSPECTION IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE:

- PLACING OF CONCRETE AND REINFORCING STEEL (CONTINUOUS OF CONCRETE SAMPLING / PERIODIC OF REINFORCING)
- IN-SITU SOILS, EXCAVATIONS, FILLING & COMPACTION (PERIODIC)

THE CONTRACTOR SHALL REQUEST SPECIAL INSPECTION OF THE ITEMS LISTED ABOVE PRIOR TO THOSE ITEMS BECOMING INACCESSIBLE AND UNOBSERVABLE DUE TO PROGRESSION OF THE WORK.

PROJECT BENCHMARK:

TBM #1 - CHISELED SQUARE LOCATED AT SOUTHEAST CORNER OF 3RD BASE DUGOUT.
ELEVATION = 720.84

ENGINEER CERTIFICATION:

BY SIGNING AND AFFIXING MY SEAL TO THESE PLANS, I HEREBY CERTIFY THESE DRAWINGS AND/OR SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE DRAWINGS AND/OR SPECIFICATIONS ARE AS REQUIRED BY AND IN COMPLIANCE WITH THE BUILDING CODES OF THE UNIVERSITY OF MISSOURI.

SHEET INDEX

SHEET NUMBER	SHEET TITLE	BID SET 04/22/2025		
CE 0.0	COVER SHEET	X		
CE 1.0	EXISTING CONDITIONS	X		
CE 2.0	DEMOLITION & EROSION CONTROL PLAN	X		
CE 2.1	ACCESS PLAN	X		
CE 3.0	GRADING PLAN	X		
CE 4.0	UTILITY PLAN	X		
CE 5.0	STORM SEWER PROFILES	X		
CE 6.0	SITE PLAN	X		
CE 7.0	STRIPING PLAN	X		
CE 8.0	SYNTHETIC TURF DETAILS	X		

LEGEND OF SYMBOLS:

=====	EXISTING CURB	818.....	EXISTING MINOR CONTOUR
—————	NEW CURB	-- --820-- --	EXISTING MAJOR CONTOUR
— W —	EXISTING WATERLINE	——818——	PROPOSED MINOR CONTOUR
⊗	EXISTING WATER VALVE	——820——	PROPOSED MAJOR CONTOUR
⊞	EXISTING WATER METER	LP.	GRADING LOW POINT
⊕	EXISTING FIRE HYDRANT	HP.	GRADING HIGH POINT
— W —	NEW WATERLINE	⊞	EXISTING CONCRETE
- - - G - - -	EXISTING GAS LINE	⊞	NEW CONCRETE
⊞	EXISTING GAS METER	⊞	EXISTING ASPHALT
- - - S - - -	EXISTING SANITARY SEWER	⊞	NEW ASPHALT
⊞	EXISTING MANHOLE		SAW JOINT
— S —	EXISTING SANITARY SEWER LATERAL	- - - - -	EXPANSION JOINT
- - - UE - - -	EXISTING UNDERGROUND ELECTRIC	⊞	DEMOLITION AREA
— E —	NEW UNDERGROUND ELECTRIC	⊞	UTILITY CAP
⊞	EXISTING LIGHT POLE	⊞	EXISTING SIGN
⊞	NEW/RELOCATED LIGHT POLE	⊞	EXISTING FENCE
⊞	EXISTING UTILITY POLE	⊞	BUILDING LINE
⊞	EXISTING AIR CONDITIONER	⊞	EASEMENT
⊞	EXISTING ELECTRICAL TRANSFORMER	⊞	EXISTING TREE
⊞	EXISTING ELECTRIC METER	⊞	SILT FENCE/ TREE PROTECTION FENCE
⊞	EXISTING UNDERGROUND FIBER OPTIC	⊞	LIMITS OF DISTURBANCE
⊞	EXISTING TELEPHONE PEDESTAL	⊞	CONSTRUCTION FENCE
⊞	EXISTING STEAM CHASE	⊞	LIMITS OF DEMOLITION FOR UTILITY
⊞	EXISTING STORM SEWER	⊞	
⊞	NEW STORM SEWER	⊞	

SPECIAL SCHEDULING:

CONTRACTOR WILL NEED TO COORDINATE ACTIVITIES WITH THE OWNER'S REPRESENTATIVE FROM MAY 16, 2025 THROUGH MAY 16, 2025 DURING UNIVERSITY COMMENCEMENT ACTIVITIES.

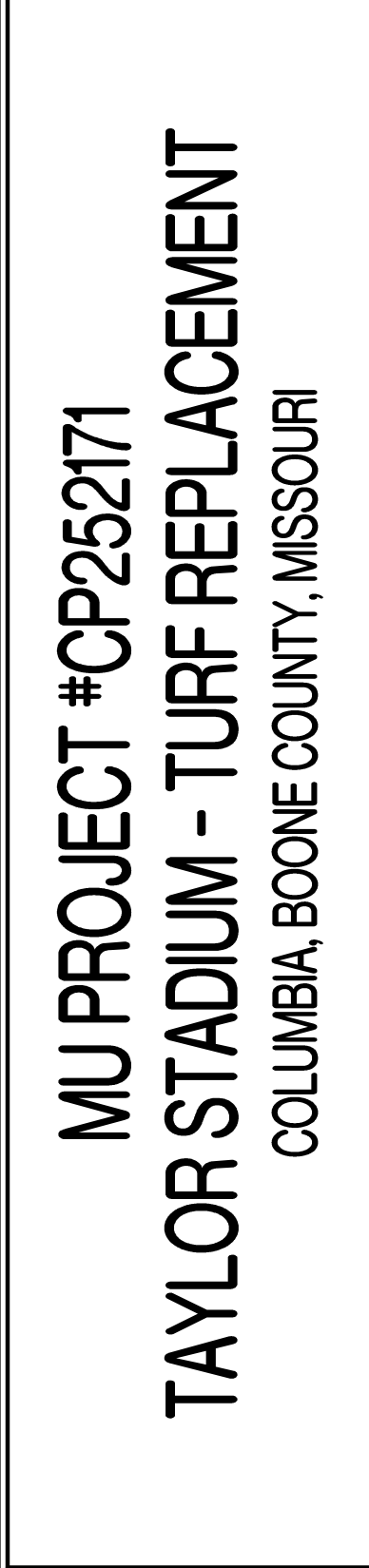
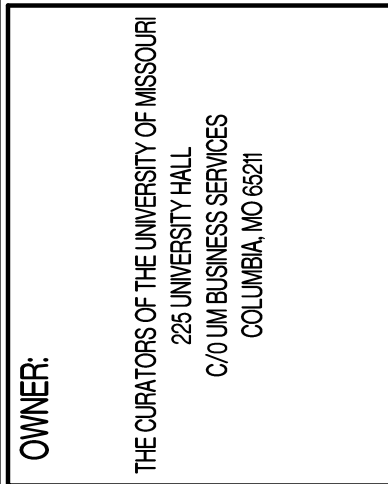
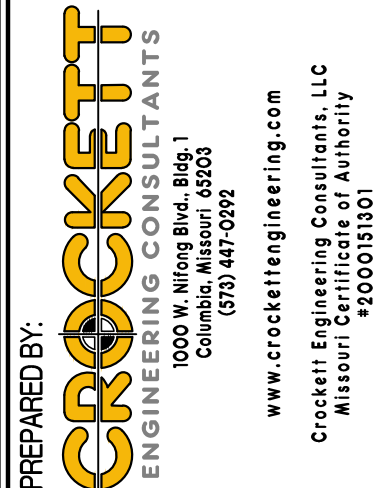
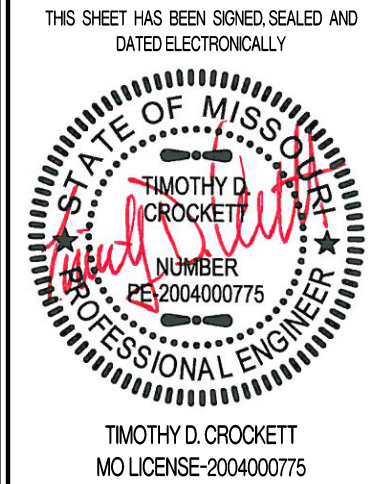
WORK WILL BE SCHEDULED AROUND THE 2025-2026 MU FOOTBALL SEASON. HOME GAMES FOR THE 2025-2026 MU FOOTBALL SEASON ARE LISTED BELOW:

AUGUST 30, 2025
SEPTEMBER 6, 2025
SEPTEMBER 13, 2025
SEPTEMBER 20, 2025
SEPTEMBER 27, 2025 - HOMECOMING
OCTOBER 11, 2025

PARKING LOT RP-2/AH, ATHLETICS LOT H & RP8/U ARE DESIGNATED AS MU ATHLETICS DONOR PARKING DURING THE 2025-2026 MU FOOTBALL SEASON. PARKING WITHIN THESE LOTS WILL NOT BE ALLOWED ON A SCHEDULED HOME GAME. PROJECT WORK AREA SHALL BE CLEANED UP AND A WALK THROUGH PERFORMED TO ENSURE THE SITE IS SECURE AT THE CLOSE OF THE DAY BEFORE ALL HOME GAMES. THE PROJECT SITE WILL BE MADE SECURE, EQUIPMENT LOCKED DOWN AND MATERIAL MADE SAFE DURING HOME GAMES FOR THE PROJECT DURATION DURING THE 2025-2026 MU FOOTBALL SEASON.

REVISIONS:

NO.	DATE
BID SET	04/22/2025



DRAWING INCLUDES:

COVER SHEET

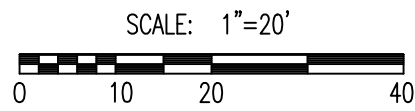
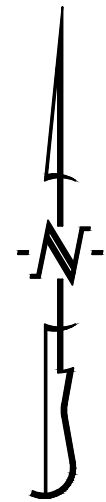
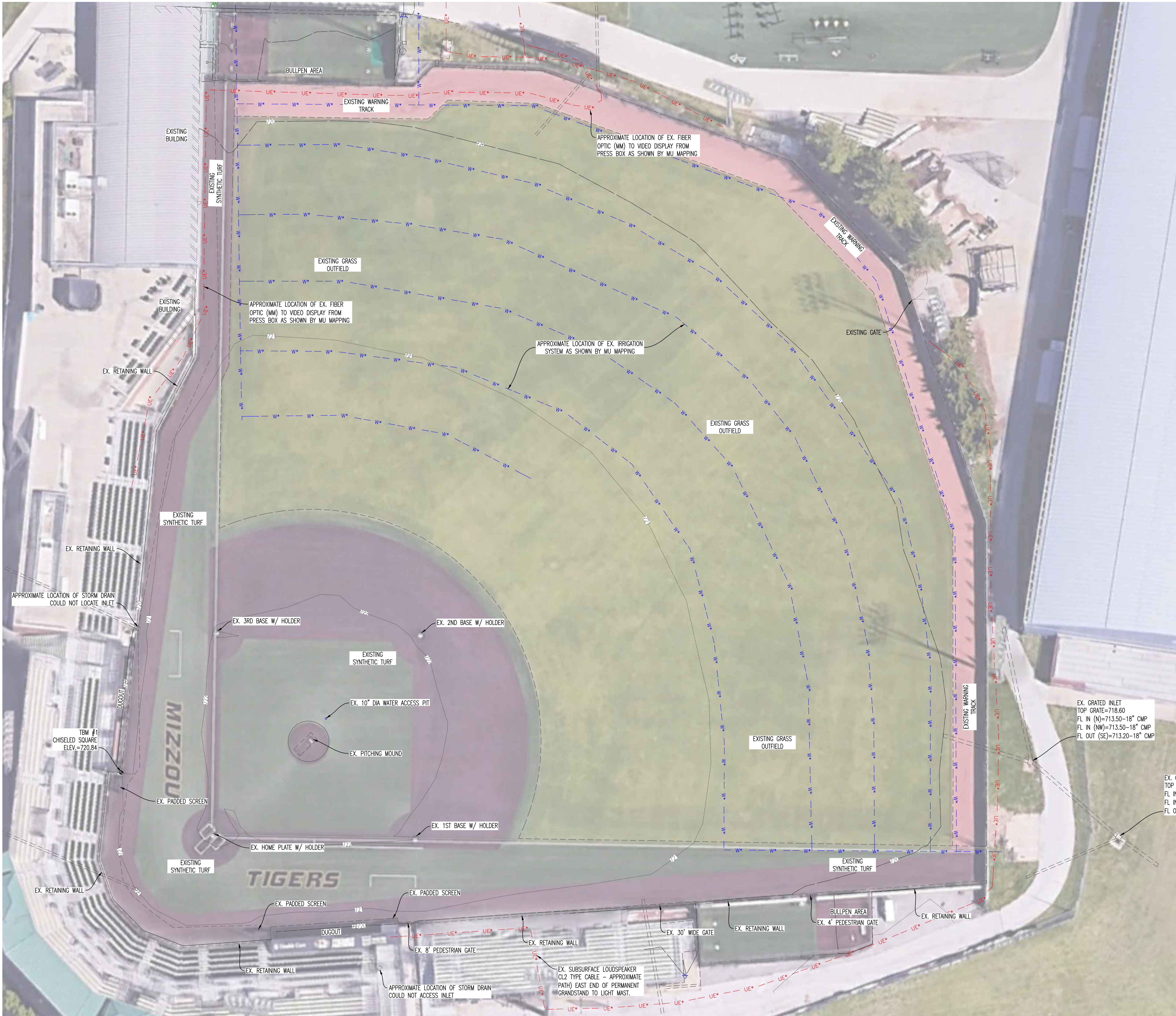
DESIGNED: TDC

DRAWN: JEE

PROJECT NO: 240133

SHEET:
CE 0.0

Y:\2024\240133 - CP24251 - Taylor Stadium - Field Surface Replacement\Civil\LOAD Files\Construction Plans\240133_SiteBase.dwg

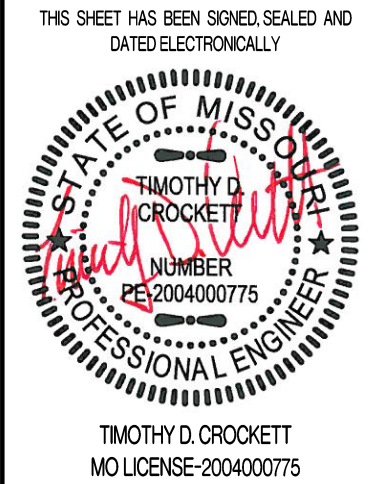


LEGEND OF SYMBOLS: (*" INDICATES UTILITY DRAWN FROM MAP PROVIDED BY OWNER)

- EXISTING CONCRETE PAVEMENT
- EXISTING TRACK SURFACE
- EXISTING STRUCTURE
- EXISTING WATERLINE
- EXISTING WATERLINE (PER MAP - NOT LOCATED)
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING FIRE HYDRANT
- EXISTING UNDERGROUND TELEPHONE
- EXISTING UNDERGROUND TELEPHONE (PER MAP - NOT LOCATED)
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND ELECTRIC (PER MAP - NOT LOCATED)
- EXISTING STEAM CHASE
- EXISTING MANHOLE
- EXISTING STORM SEWER
- EXISTING SIGN
- EXISTING FENCE

REVISIONS:

NO.	DATE
BID SET	04/22/2025



OWNER:
THE CURATORS OF THE UNIVERSITY OF MISSOURI
220 UNIVERSITY HALL
COLUMBUS BUSINESS SERVICES
COLUMBIA, MO 65211

**MU PROJECT #CP252171
TAYLOR STADIUM - TURF REPLACEMENT
COLUMBIA, BOONE COUNTY, MISSOURI**

DRAWING INCLUDES:

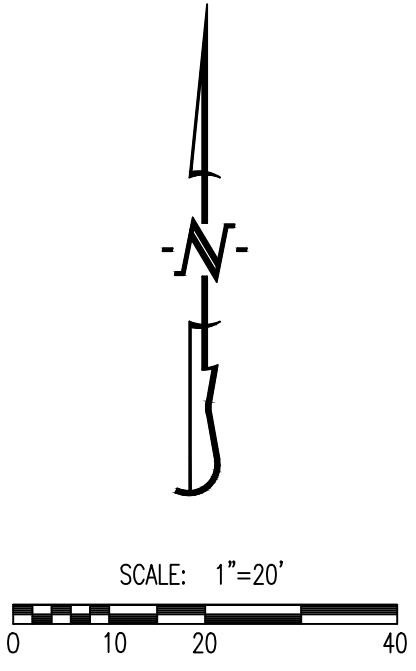
EXISTING CONDITIONS

DESIGNED: TDC

DRAWN: JEE

PROJECT NO: 240133

SHEET:
CE 10



LEGEND OF LABELS

- (A) EXISTING SYNTHETIC TURF SURFACE, SUBBASE, AND UNDERDRAIN PIPING TO BE REMOVED AND LEGALLY DISPOSED OFF-SITE. ALL EXISTING UNDERDRAIN PIPE SHALL BE CAPPED AT THE LIMITS OF DISTURBANCE.
- (B) EXISTING HOME PLATE AND ANCHOR TO BE REMOVED AND LEGALLY DISPOSED OFF-SITE.
- (C) EXISTING BASE ANCHOR TO BE REMOVED AND LEGALLY DISPOSED OFF-SITE.
- (D) EXISTING WATER ACCESS PIT TO BE REMOVED AND REPLACED. CONTRACTOR TO ADJUST NEW PIT LID TO FINAL GRADE AS REQUIRED. REFER TO UTILITY PLAN FOR MORE INFORMATION. CONTRACTOR TO LOCATE SERVICE LINE AND USE CAUTION DURING CONSTRUCTION TO NOT DAMAGE EXISTING LINE AT THE LIMITS OF DISTURBANCE. IF DAMAGED DURING CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL REPAIR LINE AS REQUIRED AT CONTRACTORS EXPENSE.
- (E) CONTRACTOR TO REMOVE ALL PORTIONS OF EXISTING STORM SEWER PIPING LOCATED WITHIN THE FIELD LIMITS. CAP ALL EXISTING STORM SEWER PIPE AT LIMITS OF DISTURBANCE SUCH THAT NO OPEN ENDS REMAIN.
- (F) IRRIGATION PIPING, SPRINKLER HEADS, VALVES, METERS, ETC. SHALL BE REMOVED FROM WITHIN THE TURF AND GRANULAR BASE SECTIONS. ALL HEADS AND VALVES SHALL BE GIVEN TO OWNER.
- (G) CONTRACTOR TO DISCONNECT IRRIGATION SYSTEM OUTSIDE THE LIMITS OF THE BALLFIELDS AND TERMINATE EACH WITH PERMANENT CAP. (THIS INCLUDES ELECTRICAL DISCONNECTIONS AS WELL). THE IRRIGATION LAWN CARE PROVIDER FOR THE UNIVERSITY SHALL BE PRESENT AND APPROVE THESE TERMINATIONS FROM THE MAIN. COSTS ASSOCIATED FOR THESE INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE EXISTING IRRIGATION SYSTEMS, AS SHOWN, ARE ESTIMATES BASED ON RECORD DRAWINGS. ACTUAL FIELD CONDITIONS MAY DIFFER.
- (H) EXISTING STORM SEWER PIPING TO BE REMOVED AND LEGALLY DISPOSED OFF-SITE.
- (I) CONTRACTOR TO USE EXISTING PAVING AS CONSTRUCTION ENTRY AND EXIT AND STAGING AREA WITHIN THE FENCE LIMITS. ALL CONSTRUCTION TRAFFIC SHALL UTILIZE THIS ENTRY AND EXIT TO THE PROJECT. ANY DAMAGED PAVEMENT DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR. CONTRACTOR SHALL CLEAN/POWER WASH CONSTRUCTION AREA PAVEMENT ONCE WORK IS COMPLETE. REFER TO SHEET CE 2.1 FOR ACCESS AND STAGING AREA.
- (J) LIMITS OF DISTURBANCE.
- (K) INSTALL STAKED FIBER ROLL.
- (L) EXISTING PADS AND FENCE STRUCTURE TO BE REMOVED FOR CONSTRUCTION OF CONCRETE CURB. EXISTING FENCE POST ARE TO REMAIN. EXISTING PADS AND FENCE STRUCTURE TO BE REINSTALLED. EXISTING KICK PLATE AT BOTTOM OF FENCE SHALL BE REMOVED AND LEGALLY DISPOSED OFF-SITE. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION FENCING TO SECURE THE FACILITY UNTIL THE FENCE STRUCTURE AND PADS HAVE BEEN REINSTALLED.
- (M) EXISTING BULLPEN TURF, PITCHING RUBBER AND HOME PLATE TO BE REMOVED AND DISPOSED LEGALLY OFF-SITE. CONTRACTOR TO REMOVE EXISTING CONCRETE PAVEMENT UNDER PROPOSED CLAY PITCHING MOUND AND DISPOSE LEGALLY OFF-SITE.
- ALTERNATE #1 - IF CLAY MOUNDS ARE NOT TO BE INSTALLED AS BASE BID, EXISTING BULLPEN MOUNDS SHALL REMAIN IN PLACE. EXISTING TURF SHALL BE REMOVED AS REQUIRED FOR NEW TURF SURFACE INSTALLATION.
- (N) EXISTING FENCE AND GATE TO BE REMOVED AND DISPOSED LEGALLY OFF-SITE.
- (O) APPROXIMATE LOCATION OF EXISTING FIBER OPTIC LINE, PER MU UTILITY MAPS, FOR VIDEO DISPLAY FROM THE SCOREBOARD TO THE PRESS BOX SHALL REMAIN. CONTRACTOR TO USE CAUTION DURING EXCAVATION PROCESS. CONTRACTOR TO COORDINATE WITH MU UTILITIES DURING CONSTRUCTION IF DAMAGE OCCURS TO LINE, ANY REPAIR COST WILL BE AT THE CONTRACTORS EXPENSE.
- (P) APPROXIMATE LOCATION OF EXISTING UNDERGROUND ELECTRIC PER MU UTILITY MAPS. CONTRACTOR TO USE CAUTION. RELOCATION MAY BE REQUIRED. CONTRACTOR TO COORDINATE WITH MU UTILITIES.

DEMOLITION NOTES:

1. EXISTING STORM SEWER PIPING, IRRIGATION LINES, ELECTRICAL AND COMMUNICATION CONDUITS FROM PREVIOUS FILED MODIFICATIONS MAY BE ENCOUNTERED DURING CONSTRUCTION AND SHALL BE REMOVED FROM WITHIN THE TURF AND GRANULAR BASE SECTIONS. RELOCATION/REINSTALLATION OF EXISTING ELECTRIC, FIBER OPTIC AND COMMUNICATION LINES MAY BE REQUIRED. DEMOLITION AND/OR RELOCATION OF UTILITIES SHALL BE COORDINATE WITH MU UTILITIES.

GENERAL EROSION CONTROL NOTES:

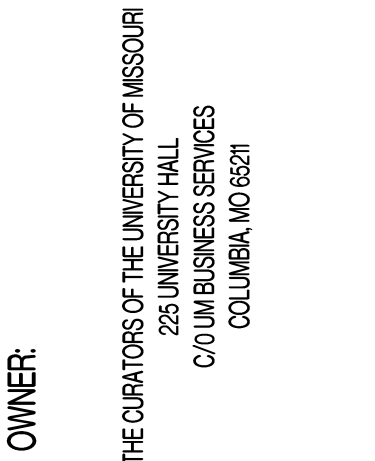
1. THE CONTRACTOR SHALL PROVIDE FOR CONTROL OF SURFACE EROSION AND SEDIMENT DEPOSITION DURING ALL PHASES OF CONSTRUCTION AND UNTIL THE OWNER ACCEPTS THE WORK AS SUBSTANTIALLY COMPLETE.
2. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL ROADWAYS AND SIDEWALKS ADJACENT TO THE CONSTRUCTION SITE FREE OF DIRT AND DEBRIS RESULTING FROM ACTIVITIES RELATED TO THE CONSTRUCTION OF THIS PROJECT.
3. CONTRACTOR SHALL KEEP THE ENTIRE PROJECT SITE FREE OF DEBRIS AND TRASH AT ALL TIMES. CONTRACTOR SHALL EXECUTE WORK USING METHODS THAT MINIMIZE EXCESSIVE NOISE OR DUST EMISSIONS. CONTRACTOR SHALL PROVIDE METHODS, MEANS AND FACILITIES TO PREVENT CONTAMINATION OF SOIL OR WATER FROM DISCHARGE OF REGULATED MATERIALS (I.E., DIESEL FUEL) USED DURING CONSTRUCTION.
4. CONTRACTOR MUST INSTALL AND MAINTAIN THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN. IF THE ENGINEER, OWNER'S REPRESENTATIVE, DETERMINES THAT THE INSTALLATION OF THE MAINTENANCE IS INADEQUATE, THE CONTRACTOR MUST IMMEDIATELY CORRECT AT THEIR EXPENSE. IF IT IS DETERMINED THAT ADDITIONAL EROSION CONTROL MEASURES ARE NEEDED THE CONTRACTOR WILL BE DIRECTED TO INSTALL AND MAINTAIN THOSE MEASURES.
5. THE CONTRACTOR SHALL INSPECT THE LAND DISTURBANCE SITE AT LEAST ONCE EVERY SEVEN (7) DAYS AND WITHIN TWENTY-FOUR (24) HOURS FOLLOWING EACH RAINFALL EVENT OF 1/2" OR MORE WITHIN ANY TWENTY-FOUR (24) HOUR PERIOD. THE CONTRACTOR SHALL ALSO INSPECT AND ASSURE THAT ALL SEDIMENT CONTROL DEVICES ARE IN WORKING CONDITION PRIOR TO ANY FORECASTED RAINFALL.
6. THE CONTRACTOR SHALL REMOVE SEDIMENT FROM THE FLOW AREAS AND MAKE ALL NECESSARY REPAIRS TO MAINTAIN THE INTEGRITY OF THE SEDIMENT CONTROL MEASURES. SEDIMENT SHALL BE REMOVED ONCE IT REACHED 1/2 THE INSTALLED HEIGHT OF MEASURE.
7. SOME OF THE EROSION AND SEDIMENT CONTROL MEASURES WILL REQUIRE THE CONTRACTOR TO INSTALL, REMOVE, AND REINSTALL THE MEASURES AS CONSTRUCTION PROCEEDS. THE PHASING OF THIS WORK IS DEPENDENT ENTIRELY ON THE CONTRACTOR'S SCHEDULE, AND IS NOT SPECIFIED HEREIN. HOWEVER, THE CONTRACTOR SHALL COORDINATE THESE ACTIONS WITH THE ENGINEER AT THE TIMES ADJUSTMENTS ARE NEEDED.

GENERAL DEMOLITION NOTES:

1. CONTRACTOR SHALL TAKE CAUTION TO PROTECT EXISTING UTILITIES THAT ARE TO REMAIN.
2. ITEMS OUTSIDE CONSTRUCTION LIMITS OR CALLED OUT TO REMAIN SHALL BE PROTECTED AS REQUIRED. CONTRACTOR SHALL REPAIR/REPLACE DAMAGED ITEMS AT NO EXPENSE TO THE OWNER.
3. CONTRACTOR TO COORDINATE WITH OWNER AND UTILITY PROVIDER PRIOR TO DISCONNECTING ANY UTILITIES.

REVISIONS:

NO.	DATE
BID SET	04/22/2025



MU PROJECT #CP252171
TAYLOR STADIUM - TURF REPLACEMENT
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

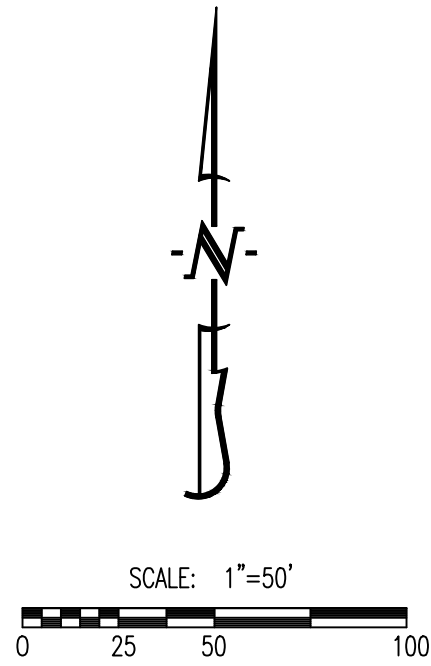
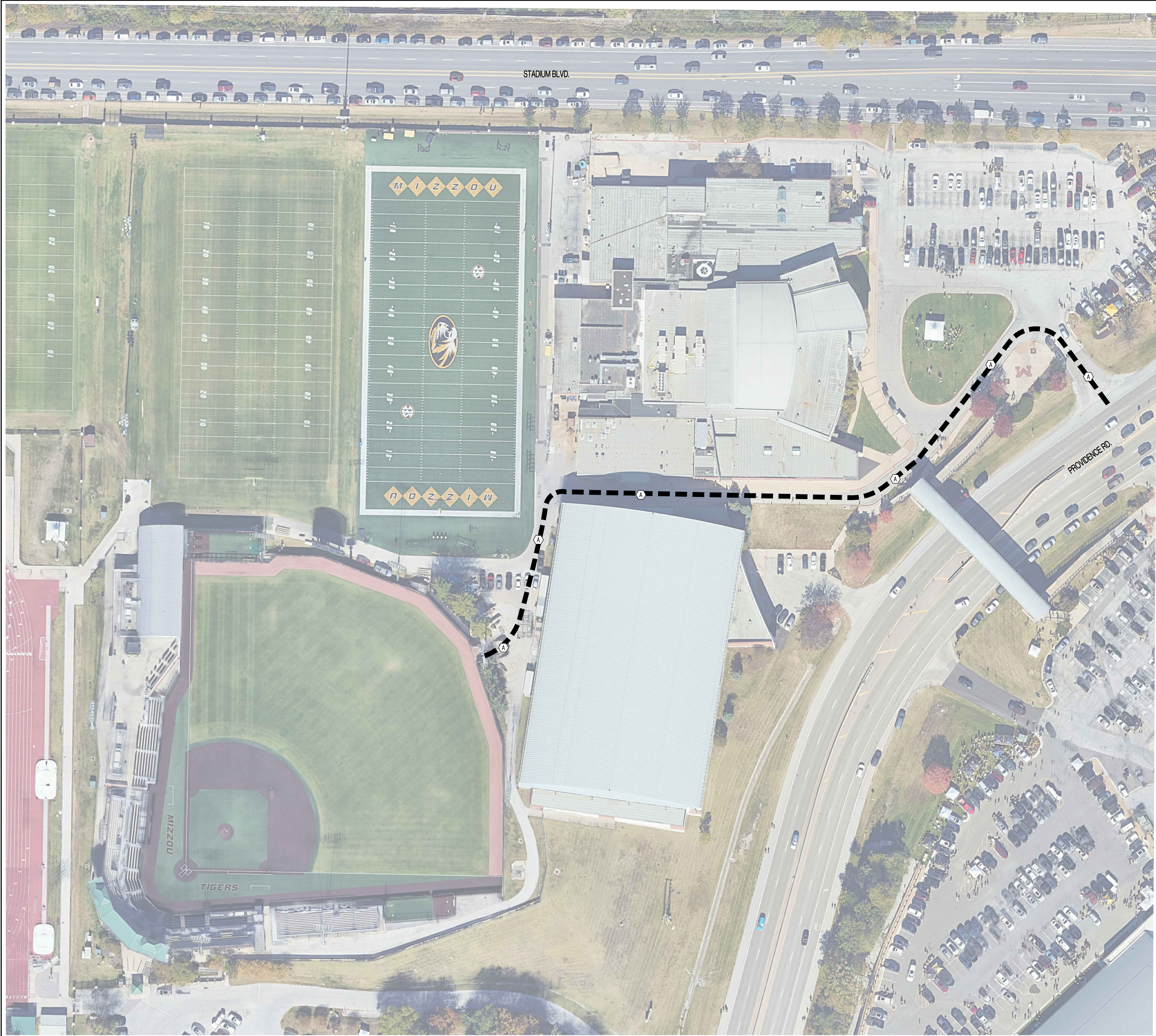
DEMOLITION & EROSION
CONTROL PLAN

DESIGNED: TDC

DRAWN: JEE

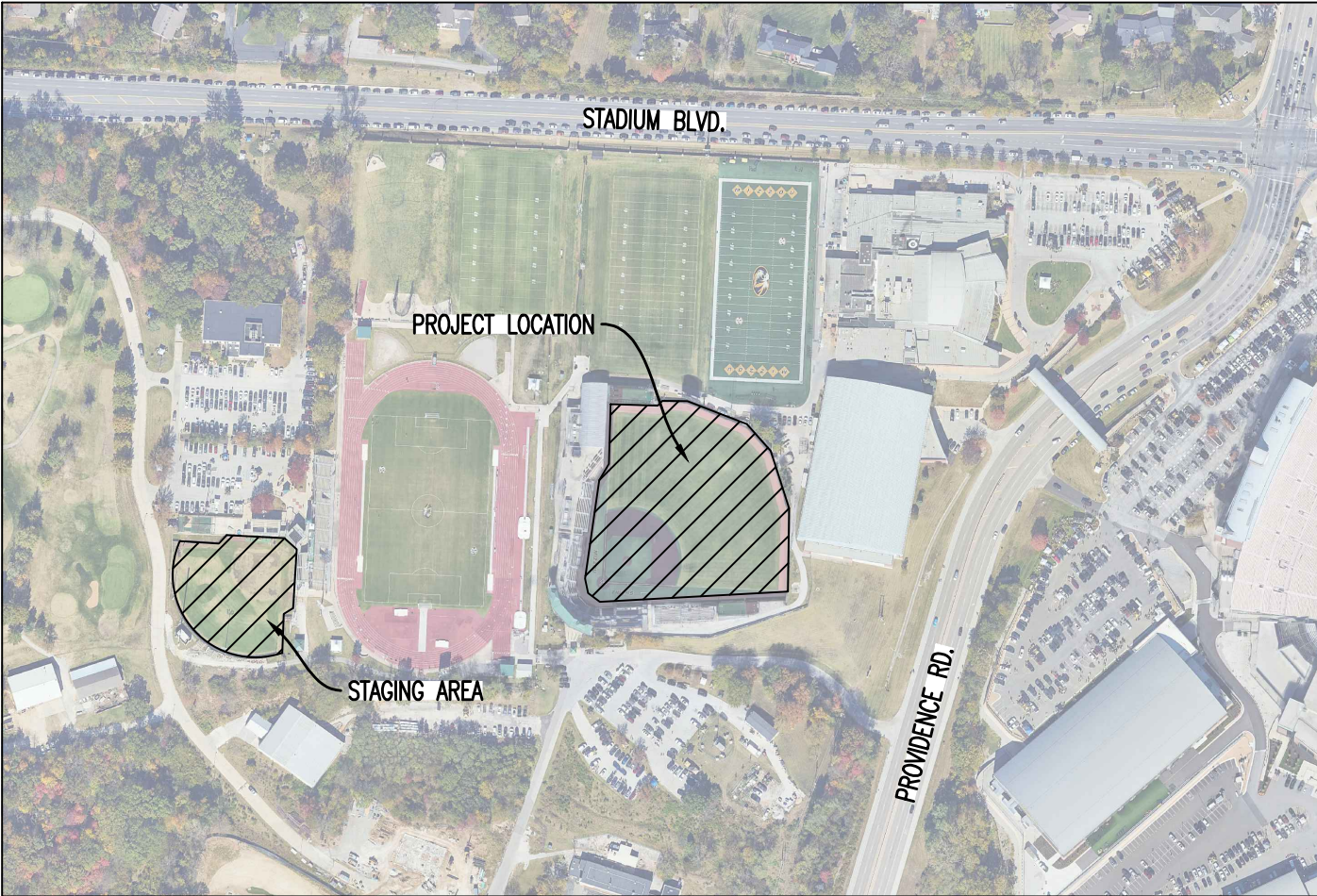
PROJECT NO: 240133

SHEET:
CE 2.0



LEGEND OF LABELS	
(A)	CONTRACTOR TO USE EXISTING PAVING AS CONSTRUCTION ENTRY AND EXIT AND STAGING AREA WITHIN THE FENCE LIMITS. ALL CONSTRUCTION TRAFFIC SHALL UTILIZE THIS ENTRY AND EXIT TO THE PROJECT. ANY DAMAGED PAVEMENT DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR. CONTRACTOR SHALL CLEAN/POWER WASH CONSTRUCTION AREA PAVEMENT ONCE WORK IS COMPLETE.

CONSTRUCTION STAGING AREA



REVISIONS:

NO.	DATE
BID SET	04/22/2025

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

TIMOTHY D. CROCKETT
MO LICENSE 2004000775

PREPARED BY:

ENGINEERING CONSULTANTS
1000 W. Illinois Blvd.
Columbia, Missouri 65203
(314) 487-0292
www.crockettengineering.com
Missouri Certificate of Authority
#000001001

OWNER:

THE CURATORS OF THE UNIVERSITY OF MISSOURI
225 UNIVERSITY HALL
COLUMBUS BUSINESS SERVICES
COLUMBIA, MO 65211

MU PROJECT #CP252171
TAYLOR STADIUM - TURF REPLACEMENT
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

ACCESS PLAN

DESIGNED: TDC

DRAWN: JEE

PROJECT NO: 240133

SHEET: CE 21

Y:\2024\240133 - Field Surface Replacement\Civil\AAD Files\Construction Plans\240133_GradingBase.dwg



LEGEND OF SYMBOLS:

- XXX----- EXISTING MINOR CONTOUR
- - - - -XXX- - - - - EXISTING MAJOR CONTOUR
- XXX----- PROPOSED MINOR CONTOUR
- XXX----- PROPOSED MAJOR CONTOUR
- (XXX.XX EX TP) EXISTING TOP OF PAVEMENT ELEVATION
- (XXX.XX FO) PROPOSED FINISH GRADE ELEVATION = PROPOSED TOP OF TURF INFILL ELEVATION
- (XXX.XX TW) PROPOSED TOP OF WALL ELEVATION
- (XXX.XX TP@BW) PROPOSED TOP OF PAVEMENT AT BOTTOM OF WALL
- X.XX PROPOSED SLOPE

NOTES:

- EXISTING STORM SEWER PIPING, IRRIGATION PIPING, SPRINKLER HEADS, VALVES, METERS, ETC. SHALL BE REMOVED FROM WITHIN THE TURF AND GRANULAR BASE SECTIONS.
- CONTRACTOR TO DISCONNECT IRRIGATION SYSTEM OUTSIDE THE LIMITS OF THE BALLFIELDS AND TERMINATE EACH WITH PERMANENT CAP. (THIS INCLUDES ELECTRICAL DISCONNECTIONS AS WELL). THE IRRIGATION LAWN CARE PROVIDER FOR THE UNIVERSITY SHALL BE PRESENT AND APPROVE THESE TERMINATIONS AT THE MAIN. COSTS ASSOCIATED FOR THESE INSPECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE EXISTING IRRIGATION SYSTEMS, AS SHOWN, ARE ESTIMATES BASED ON RECORD DRAWINGS. ACTUAL FIELD CONDITIONS MAY DIFFER. NUMBER UNDER LABEL INDICATES ANTICIPATED IRRIGATION LINE SIZE.
- GRADES AND CONTOURS SHOWN ABOVE ARE FINAL TOP OF TURF ELEVATIONS.
- CONTRACTOR TO PROVIDE 12" OF SOIL STABILIZATION. REFER TO SOIL STABILIZATION SPECIFICATIONS.

CONSTRUCTION NOTES:

- (A) ALL DISTURBED AREAS OUTSIDE OF SYNTHETIC TURF FIELD AND WITHIN THE "LIMITS OF DISTURBANCE" THAT ARE NOT TO BE PAVED OR PART OF THE SYNTHETIC TURF FIELD SHALL BE FINE GRADED BY CONTRACTOR TO AN ELEVATION OF 6" BELOW FINISHED GRADE. VEGETATION WILL BE REESTABLISHED BY OWNER.
- (B) ALL EXCESS EXCAVATED MATERIAL SHALL BE HAULED OFFSITE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A LOCATION FOR THIS MATERIAL. ALL PERMITTING FOR ANY FILL SITE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL EXPORT MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR ONCE REMOVED FROM THE FIELD.

EX. GRATED INLET
TOP GRATE=718.60
FL IN (N)=713.50-18" CMP
FL IN (NW)=713.50-18" CMP
FL OUT (SE)=713.20-18" CMP

EX. GRATED INLET
TOP GRATE=718.05
FL IN (SW)=715.50-12" CMP
FL IN (W)=706.55-18" CMP
FL OUT (SE)=706.35-18" CMP

REVISIONS:

NO.	DATE
BID SET	04/22/2025

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY



TIMOTHY D. CROCKETT
MO LICENSE 2004000775

PREPARED BY:
CROCKETT
ENGINEERS & ARCHITECTS
PLANNERS

1000 W. Illinois Blvd., Ste. 100
Columbia, Missouri 65203
(314) 487-0292
www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority
#000000001

OWNER:
THE COURTOURS OF THE UNIVERSITY OF MISSOURI
224 UNIVERSITY HALL
COLUMBUS BUSINESS SERVICES
COLUMBIA, MO 65211

MU PROJECT #CP252171
TAYLOR STADIUM - TURF REPLACEMENT
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

GRADING PLAN

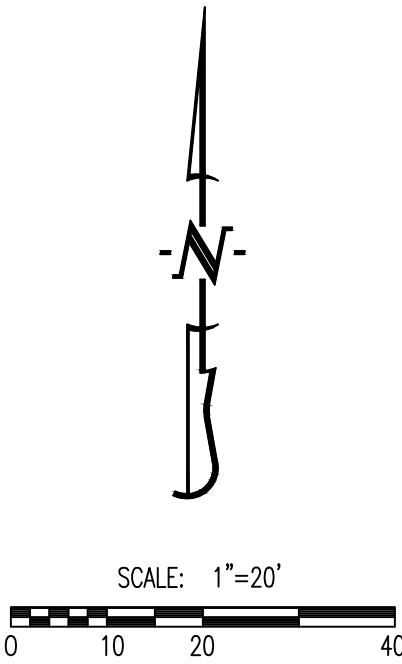
DESIGNED: TDC

DRAWN: JEE

PROJECT NO: 240133

SHEET:
CE 3.0

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LEGEND OF LABELS	
(A)	12" PERFORATED HDPE COLLECTOR PIPE. REFER TO LINE PROFILE FOR SLOPE AND ELEVATIONS.
(B)	18" PERFORATED HDPE COLLECTOR PIPE. REFER TO LINE PROFILE FOR SLOPE AND ELEVATIONS.
(C)	12" WIDE x 1 INCH TALL PANEL DRAIN. PANEL DRAIN TO BE WRAPPED IN GEOTEXTILE FABRIC. REFER TO DETAIL ON CE 8.0.
(D)	18" HPP STORM SEWER PIPE. REFER TO LINE PROFILE FOR SLOPE AND ELEVATIONS.
(E)	EXACT LOCATION OF WATER SERVICE LINE TO VAULT IS UNKNOWN. CONTRACTOR TO INSTALL NEW WATER SERVICE LINE, 36" MINIMUM COVER FROM LIMITS OF DEMOLITION AND INSTALL NEW VAULT WITH QUICK COUPLER VALVE. INSTALL NEW WATER VAULT AND QUICK DISCONNECT. TOP OF VAULT SHALL BE INSTALLED WITH TURF TOP AND TOP ADJUSTED TO BE FLUSH WITH SURROUNDING TURF. CONTRACTOR TO ENSURE WATER SERVICE LINE CAN BE BLED TO PROVIDE PROTECTION FROM FREEZING.
(F)	INSTALL NEW ELECTRICAL BOX. ELECTRIC SERVICE AND CONDUITS TO BE COORDINATED WITH M.E.P. TOP OF BOX SHALL BE INSTALLED WITH TURF TOP AND TOP ADJUSTED TO BE FLUSH WITH SURROUNDING TURF.
(G)	APPROXIMATE LOCATION OF EXISTING UNDERGROUND ELECTRIC PER MU UTILITIES MAPPING. RELOCATION MAY BE REQUIRED TO AVOID CONFLICT WITH RETAINING WALL FOOTING. IF RELOCATION IS REQUIRED, CONTRACTOR SHALL COORDINATE WITH MU UTILITIES.
(H)	APPROXIMATE LOCATION OF EXISTING UNDERGROUND FIBER OPTIC PER MU UTILITIES MAPPING. CONTRACTOR TO WORK AROUND LINES AS REQUIRED FOR STORM SEWER INSTALLATION. IF RELOCATION IS REQUIRED, CONTRACTOR SHALL COORDINATE WITH MU UTILITIES.

- FIELD DRAINAGE NOTES:**
- 1) AFTER EXCAVATION OF EXISTING SOIL TO THE PROPER ELEVATIONS REQUIRED, THE NEW SUBGRADE WILL BE SHAPED AND COMPACTED TO DESIGNED DENSITY WITH A 0.5% SLOPE TO ALLOW FOR DRAINAGE TO DRAIN PIPES.
 - 2) AN EXISTING CONCRETE CURB WILL BE USED AND A NEW NAILER WILL BE INSTALLED AROUND THE PERIMETER TO PROVIDE A SECURE EDGE FOR FASTENING THE SYNTHETIC TURF. IN ALL CASES THE NAILER AND STONE ARE AT THE SAME ELEVATION.
 - 3) A GEOTEXTILE FABRIC WILL BE PLACED OVER THE SUBGRADE, AND COMPOSITE DRAINS WILL BE INSTALLED AT 20 FEET ON CENTER AT A 45 DEGREE ANGLE TO THE FIELD. REFER TO THE FIELD DRAINAGE PLAN. (HERRINGBONE DESIGN)
 - 4) THE COMPOSITE DRAINS WILL DRAIN TO A PERIMETER COLLECTOR (REFER TO PLANS FOR SIZE) WHICH WILL BE CONNECTED TO THE EXISTING DRAINAGE SYSTEM AS SHOWN ON THE PLANS.
 - 5) FREE DRAINAGE AGGREGATE SHALL BE PLACED OVER THE COMPOSITE DRAINS AND THE PERIMETER COLLECTORS AND FINE GRADED FOR A FIELD AS SHOWN ON THE GRADING PLAN.
 - 6) IN ORDER TO PROTECT THE FLAT DRAINS, COVER WITH AGGREGATE AS SOON AS POSSIBLE.

EX. GRATED INLET
TOP GRATE=718.60
FL IN (N)=713.50-18" CMP
FL IN (NW)=713.50-18" CMP
FL OUT (SE)=713.20-18" CMP

EX. GRATED INLET
TOP GRATE=718.05
FL IN (SW)=715.50-12" CMP
FL IN (W)=706.55-18" CMP
FL OUT (SE)=706.35-18" CMP

REVISIONS:

NO.	DATE
BID SET	04/22/2025

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI

TIMOTHY D. CROCKETT

PROFESSIONAL ENGINEER

NUMBER 2004000775

MISSOURI LICENSE 2004000775

PREPARED BY:

CROCKETT ENGINEERS & ARCHITECTS

1000 W. Illinois Blvd., Suite 100

Columbia, Missouri 65203

(314) 447-0292

www.crockettengineering.com

Crockett Engineering Consultants, LLC

Missouri Certificate of Authority #000000001

OWNER:

THE CURATORS OF THE UNIVERSITY OF MISSOURI

226 UNIVERSITY HALL

COLUMBUS BUSINESS SERVICES

COLUMBIA, MO 65211

MU PROJECT #CP252171

TAYLOR STADIUM - TURF REPLACEMENT

COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

UTILITY PLAN

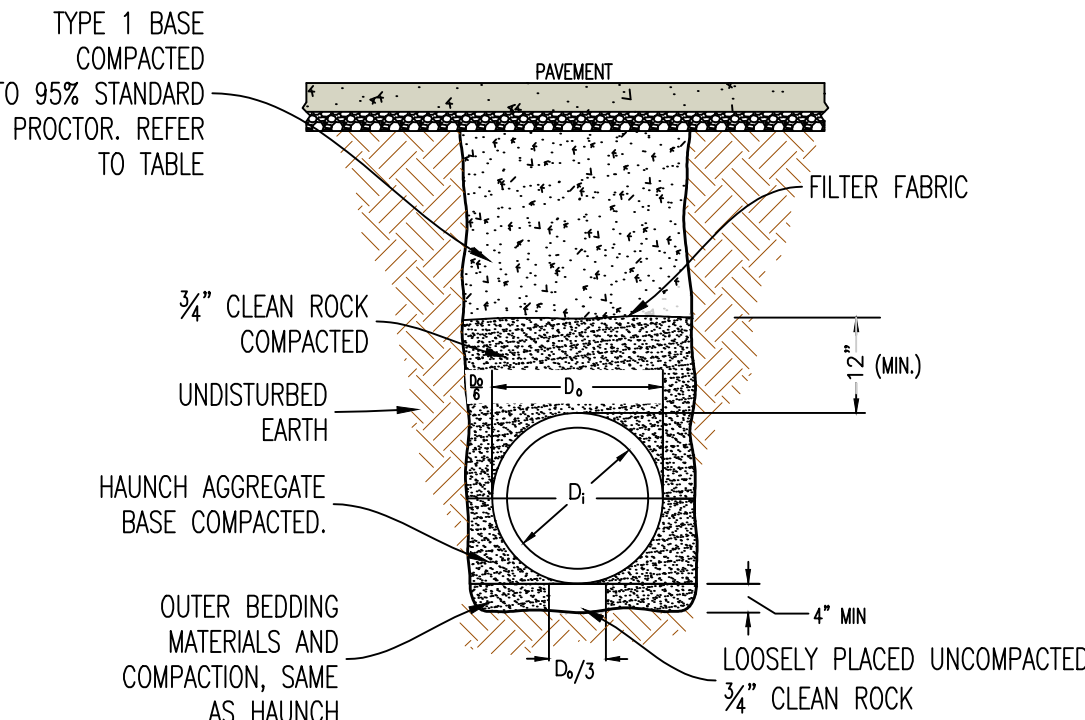
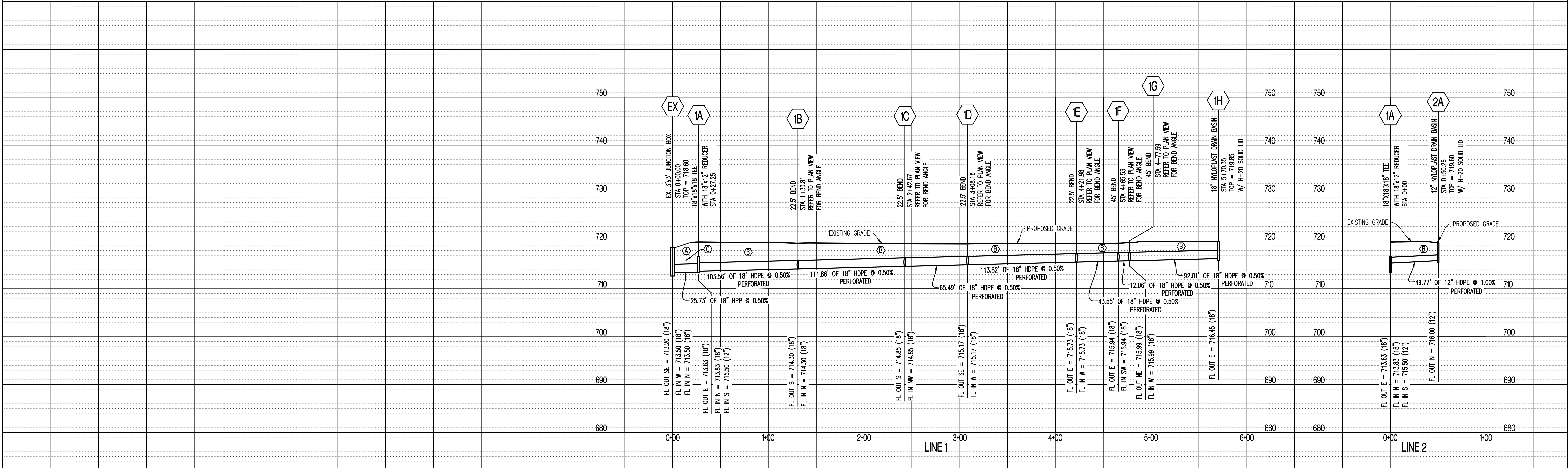
DESIGNED: TDC

DRAWN: JEE

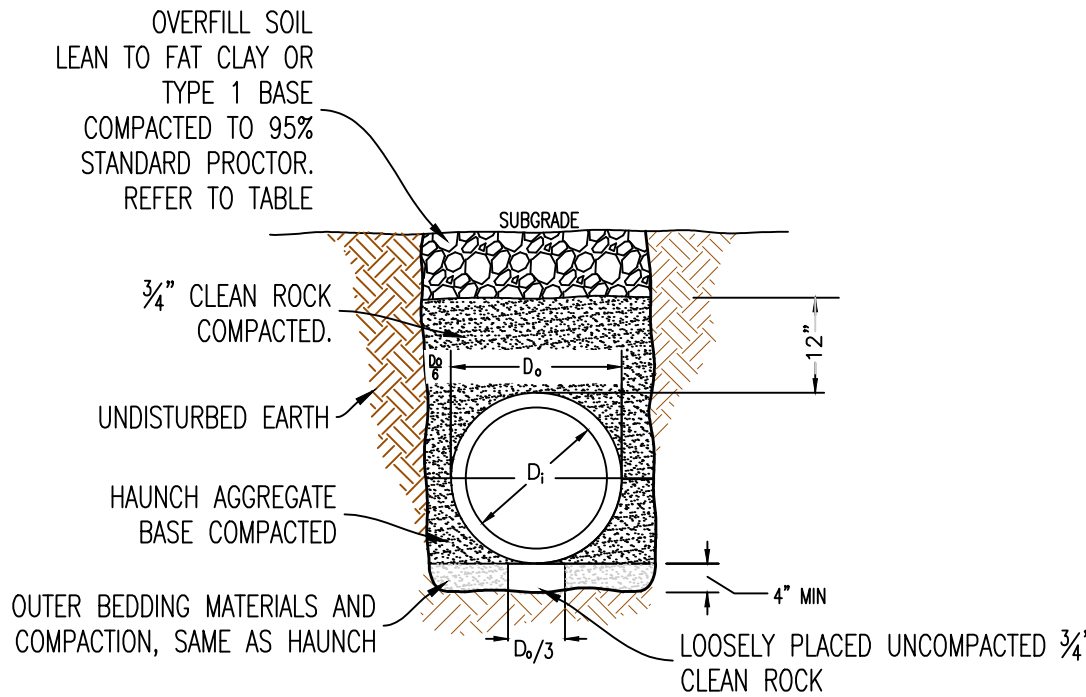
PROJECT NO: 240133

SHEET: CE 4.0

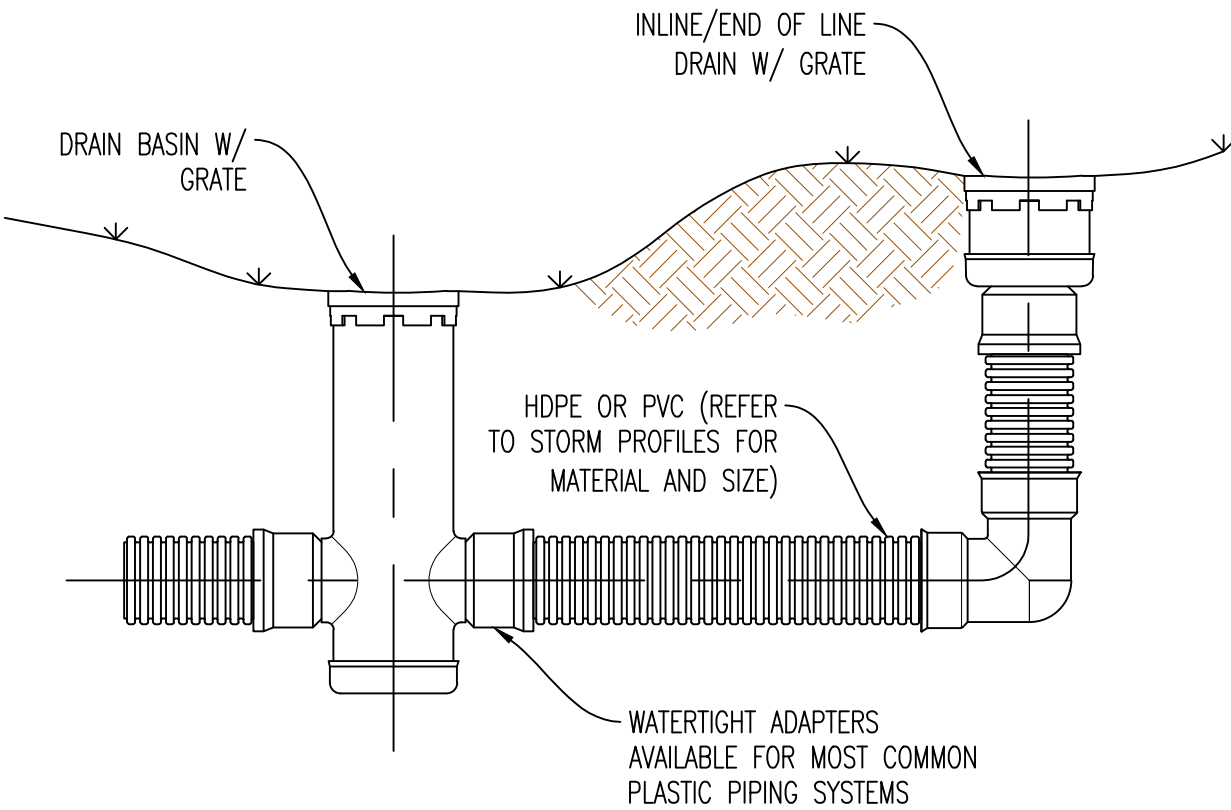
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PIPE EMBEDMENT (UNDER PAVEMENT)



PIPE EMBEDMENT (NOT UNDER PAVEMENT)



TYPICAL INSTALLATION OF NYLOPLAST DRAIN BASIN AND INLINE DRAIN

SCALE:
HORIZ 1" = 50'
VERT 1" = 10'

LEGEND OF LABELS:

- (A) REFER TO PIPE EMBEDMENT DETAIL. REFER TO DETAIL THIS SHEET.
- (B) REFER TO PIPE EMBEDMENT DETAIL UNDER TURF SURFACE ON SHEET CE 5.0.
- (C) EXISTING UNDERGROUND ELECTRIC.

REVISIONS:

NO.	DATE
BID SET	04/22/2025

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

STATE OF MISSOURI
TIMOTHY D. CROCKETT
PROFESSIONAL ENGINEER
NUMBER: 2004000775
TIMOTHY D. CROCKETT
MO LICENSE 2004000775

PREPARED BY:
CROCKETT ENGINEERS & PLANNERS
1000 W. Illinois Blvd., Ste. 100
Columbia, Missouri 65203
(314) 447-0599
www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority #000000001

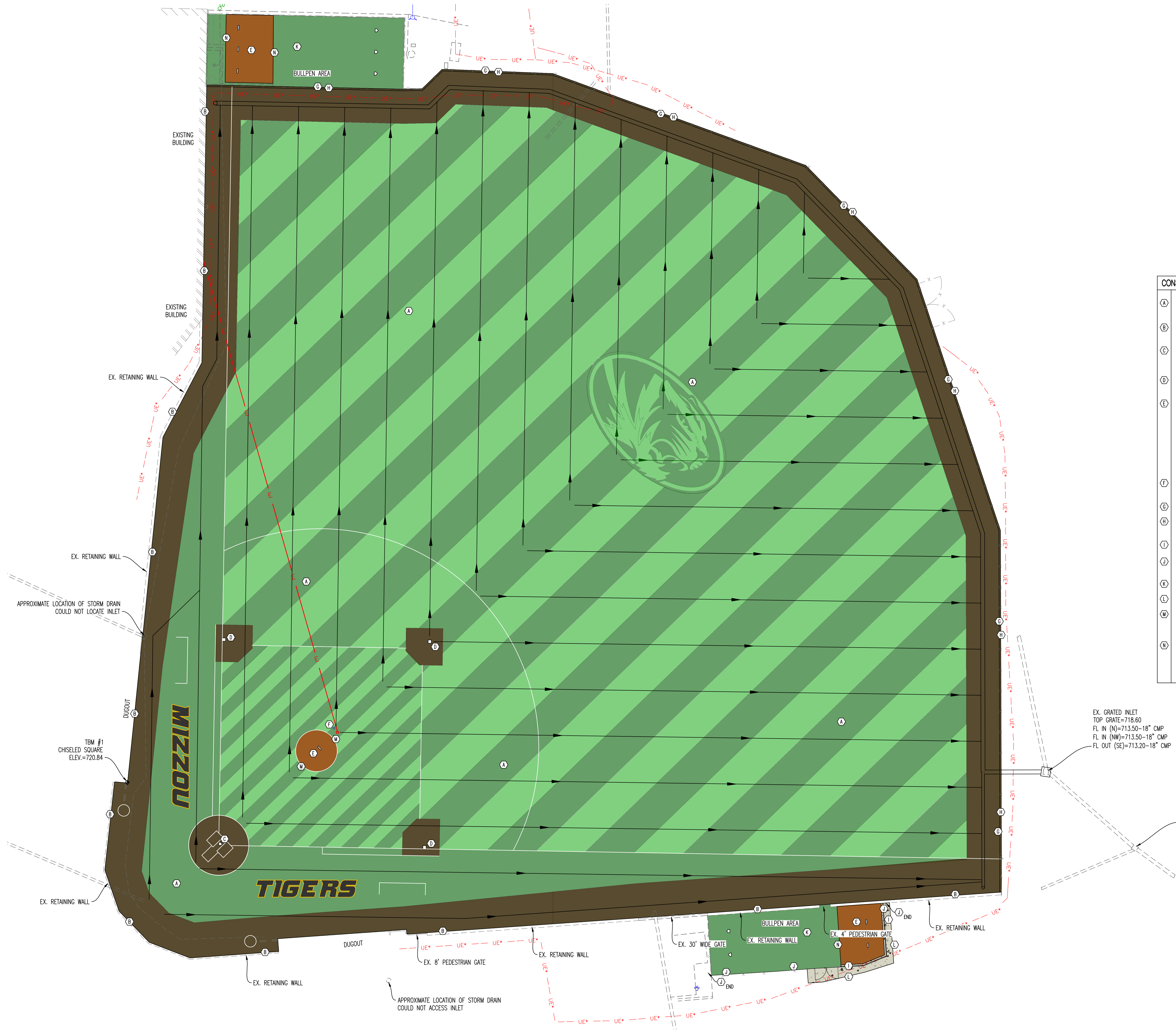
OWNER:
THE CURATORS OF THE UNIVERSITY OF MISSOURI
225 UNIVERSITY HALL
COLUMBUS BUSINESS SERVICES
COLUMBIA, MO 65211

MU PROJECT #CP252171
TAYLOR STADIUM - TURF REPLACEMENT
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:
STORM SEWER PROFILES

DESIGNED: TDC
DRAWN: JEE
PROJECT NO.: 240133
SHEET: CE 5.0

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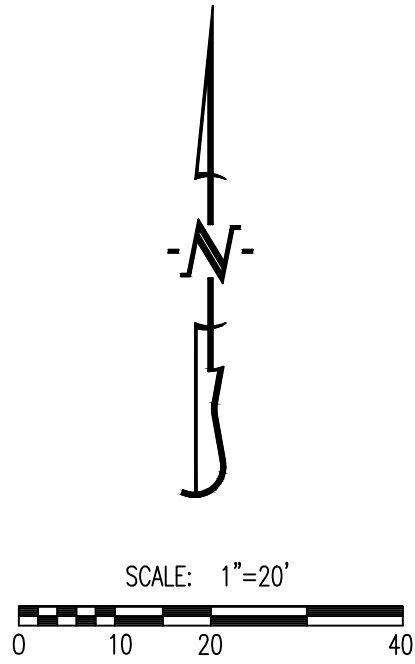


- CONSTRUCTION NOTES:**
- (A) CONTRACTOR TO INSTALL SYNTHETIC TURF PER MANUFACTURES RECOMMENDATIONS. SEE STRIPING PLAN FOR TURF COLOR AND FIELD LAYOUT.
 - (B) CONTRACTOR TO INSTALL NAILER BOARD ALONG EXISTING CURB/BLOCK WALL AS SHOWN BY DETAILS ON SHEET CE 8.0.
 - (C) CONTRACTOR TO INSTALL HOME PLATE AND HOME PLATE ANCHOR SYSTEM. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION. HOME PLATE AND INSTALLATION SHALL MEET NCAA STANDARDS.
 - (D) CONTRACTOR TO INSTALL BASE AND BASE ANCHOR SYSTEM. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION. BASE AND INSTALLATION SHALL MEET NCAA STANDARDS.
 - (E) CONTRACTOR TO INSTALL PITCHING RUBBER AND RUBBER ANCHOR SYSTEM ON CLAY MOUND. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION. PITCHING RUBBER AND INSTALLATION SHALL MEET NCAA STANDARDS.
 - ALTERNATE #1 - INSTALL PERMANENT TURF PITCHING MOUND SYSTEM WITH PITCHING RUBBER AND ANCHOR SYSTEM ON 4" CONCRETE SLAB WITH 6" COMPACTED GRANULAR BASE. CONTRACTOR TO SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION. AT BULLPEN LOCATIONS, CONTRACTOR SHALL INSTALL SYNTHETIC TURF PER MANUFACTURES RECOMMENDATIONS ON EXISTING CONCRETE PAD AT PITCHING MOUND.
 - (F) CONTRACTOR TO INSTALL NEW WATER VAULT AND QUICK DISCONNECT. TOP OF VAULT SHALL BE INSTALLED WITH TURF TOP AND TOP ADJUSTED TO BE FLUSH WITH SURROUNDING TURF.
 - (G) CONTRACTOR TO INSTALL NEW CURB WITH NAILER BOARD AS SHOWN BY DETAILS ON SHEET CE 8.0.
 - (H) CONTRACTOR TO REINSTALL EXISTING FENCE PANELS AND PAD AS REQUIRED. INSTALL NEW KICK PLATE. KICK PLATE TO BE PAINTED BLACK.
 - (I) CONTRACTOR TO INSTALL CAST-IN-PLACE RETAINING WALL. REFER TO DETAIL ON SHEET CE 8.0.
 - (J) CONTRACTOR TO INSTALL NEW 8' TALL BLACK VINYL FENCE AND 10' DOUBLE SWING GATE PER MU SPECIFICATIONS.
 - (K) CONTRACTOR TO INSTALL SYNTHETIC TURF PER MANUFACTURES RECOMMENDATIONS ON EXISTING CONCRETE.
 - (L) CONTRACTOR TO INSTALL NEW CONCRETE PAVEMENT. REFER TO DETAIL ON SHEET CE 8.0.
 - (M) CONTRACTOR TO INSTALL COMPOSITE NAILER BOARD WITH VELCRO SEAM TAPE AT PITCHERS MOUND TO ALLOW FOR REMOVAL AND REPLACEMENT OF TURF AROUND MOUND. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION.
 - (N) CONTRACTOR TO INSTALL COMPOSITE NAILER BOARD WITH VELCRO SEAM TAPE AT JOINT FROM CLAY PITCHERS MOUND AND TURF SURFACE TO ALLOW FOR REMOVAL AND REPLACEMENT OF TURF. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION.

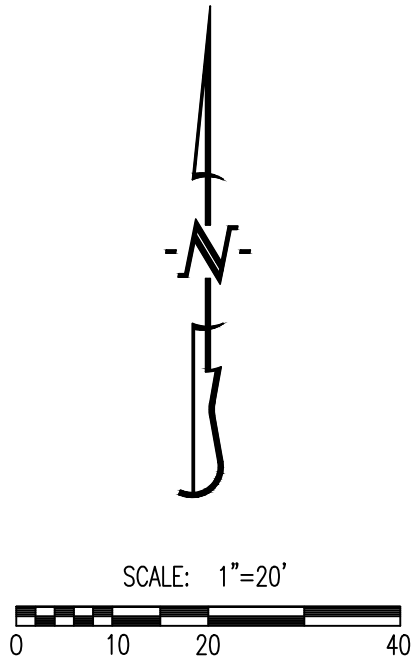
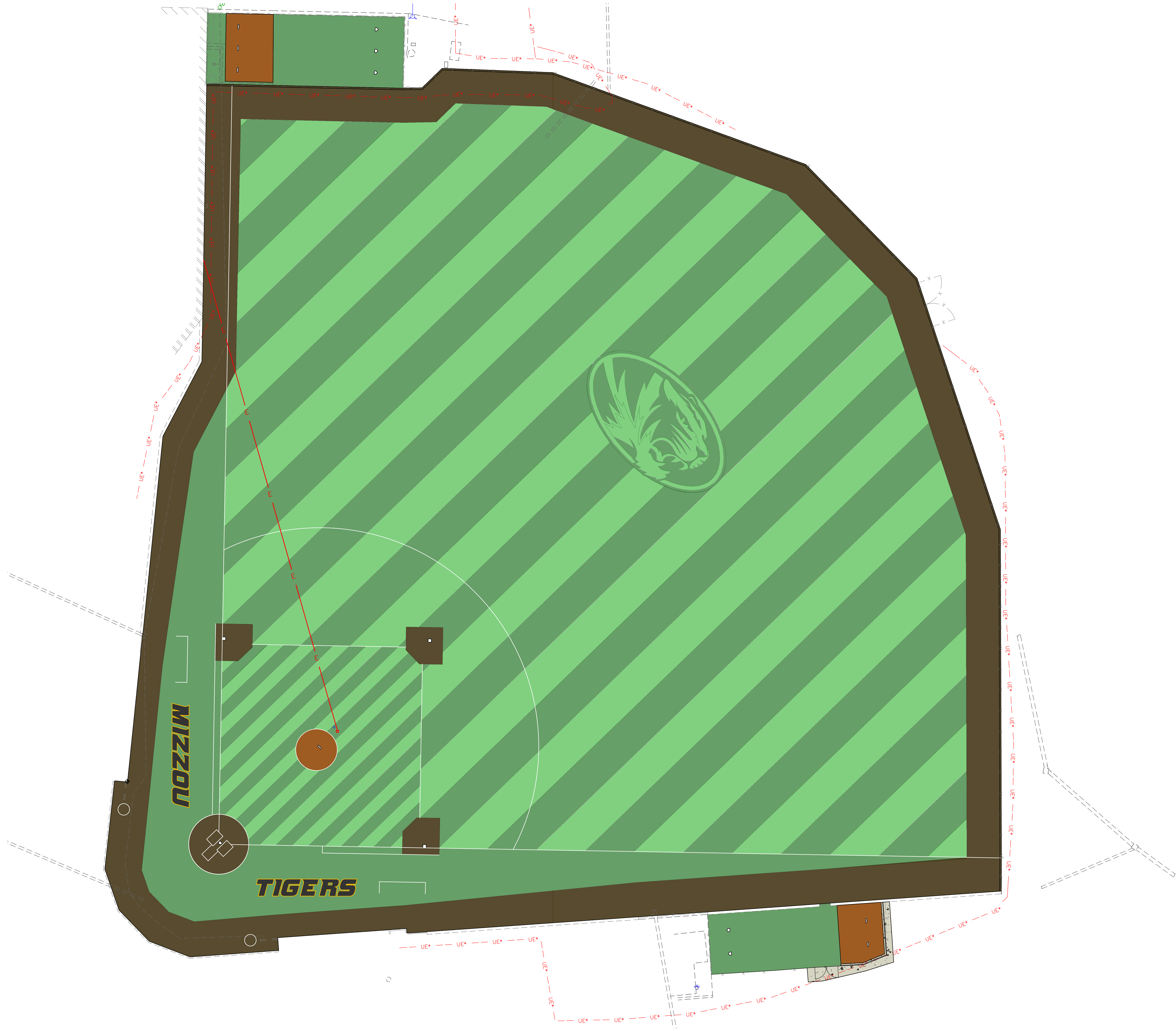
NOTE:
CONTRACTOR TO PROVIDE STRIPING AND FIELD DIMENSIONING PLAN FOR REVIEW PRIOR TO INSTALLATION OF TURF SURFACE. BASES, HOME PLATE, AND PITCHING MOUND LAYOUT SHALL MEET NCAA STANDARDS FOR COLLEGIATE BASEBALL FIELDS.

EX. GRATED INLET
TOP GRATE=718.05
FL IN (SW)=715.50-12" CMP
FL IN (W)=706.55-18" CMP
FL OUT (SE)=706.35-18" CMP

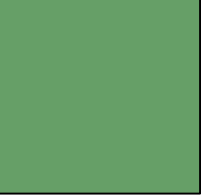
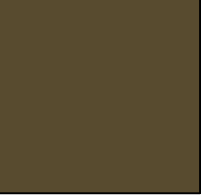
EX. GRATED INLET
TOP GRATE=718.60
FL IN (N)=713.50-18" CMP
FL IN (NW)=713.50-18" CMP
FL OUT (SE)=713.20-18" CMP

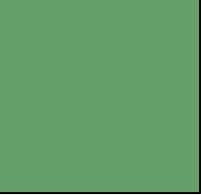
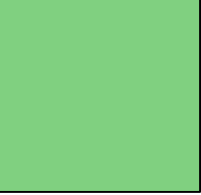


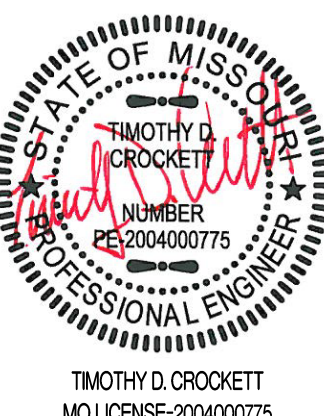
REVISIONS:	
NO.	DATE
BID SET	04/22/2025
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY	
TIMOTHY D. CROCKETT MISSOURI LICENSE 2004000775	
PREPARED BY: ENGINEERS & ARCHITECTS 1000 W. Illinois Blvd., Suite 100 Columbia, Missouri 65203 (314) 447-0592 www.crockettengineering.com Missouri Certificate of Authority #000000001	
OWNER: THE CURATORS OF THE UNIVERSITY OF MISSOURI 228 UNIVERSITY HALL COLUMBUS BUSINESS SERVICES COLUMBIA, MO 65211	
MU PROJECT #CP252171 TAYLOR STADIUM - TURF REPLACEMENT COLUMBIA, BOONE COUNTY, MISSOURI	
DRAWING INCLUDES: SITE PLAN	
DESIGNED: TDC	
DRAWN: JEE	
PROJECT NO: 240133	
SHEET: CE 6.0	

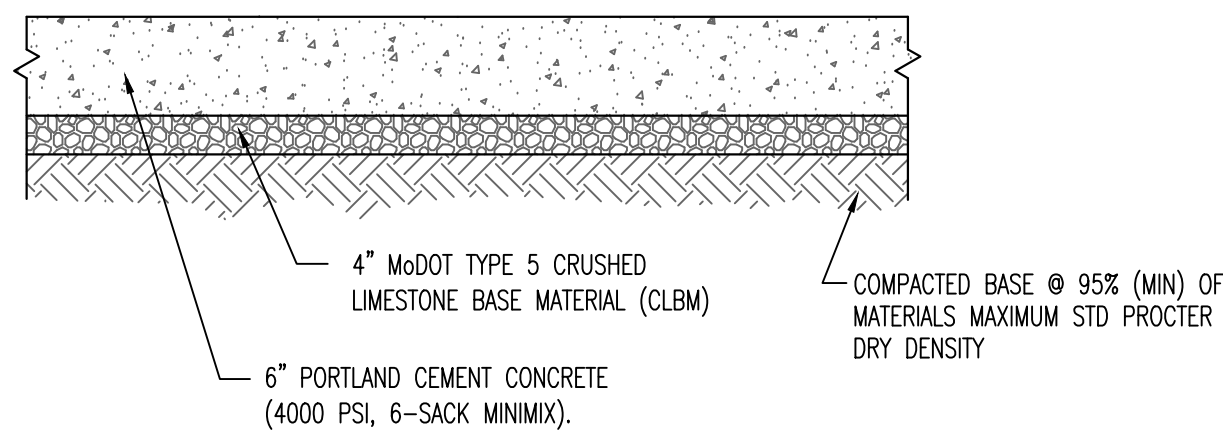


- CONSTRUCTION NOTES:**
- CONTRACTOR TO SUPPLY DIMENSIONED MARKING PLANS FOR APPROVAL PRIOR TO TURF INSTALLATION. PLANS SHALL CONFORM TO NCAA STANDARDS AND SHALL SUBSTANTIALLY CONFORM TO THE STRIPING PLAN CONTAINED ON THIS SHEET.
 - ALL FIELD MARKINGS SHALL BE 4" INLAID LINES IN THE RESPECTIVE COLORS AS NOTED BELOW:
BASEBALL: WHITE

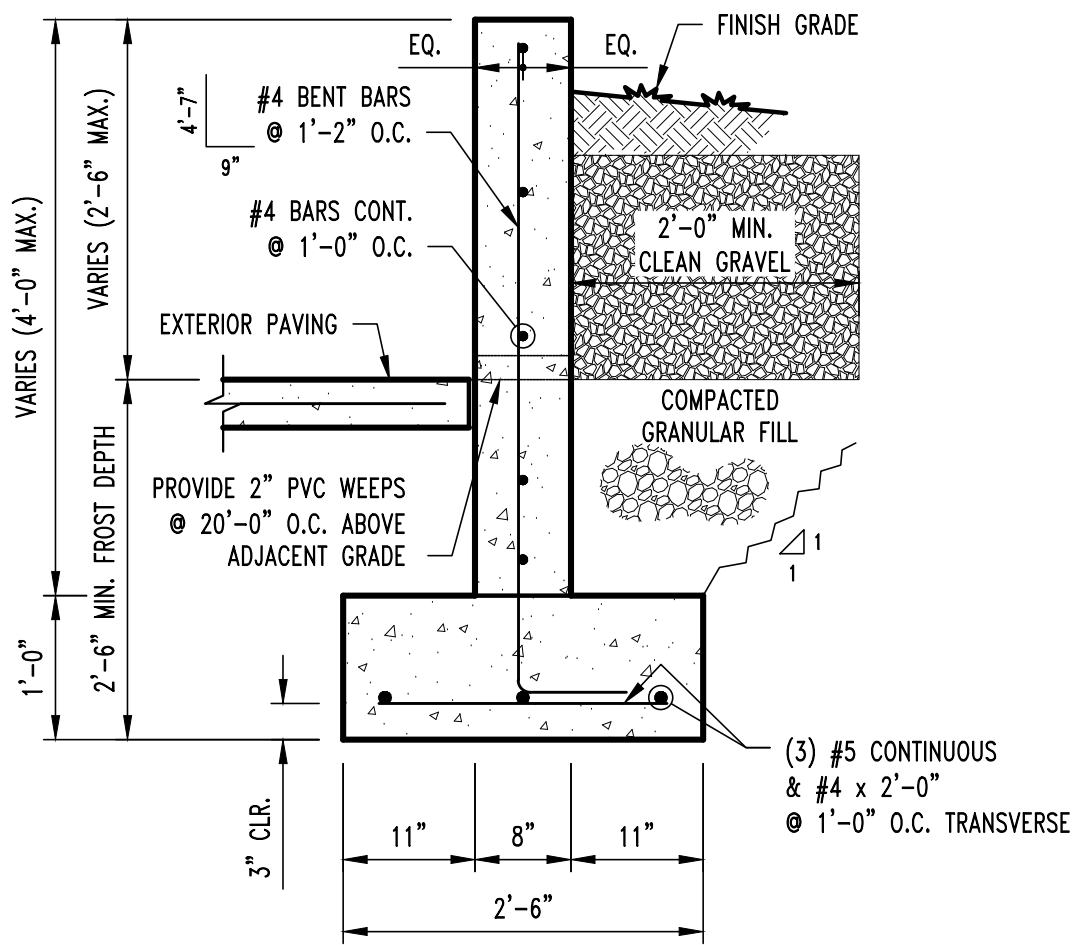
3. TURF COLORS SHALL BE AS FOLLOWS:
- | | |
|---|--|
|  | FIELD GREEN
PANTONE: 5615C
CMYK: 35/0/31/50
RGB: 81,128,89
HEX: #538059 |
|  | SUMMER GREEN
PANTONE: 352C
CMYK: 36/0/23/11
RGB: 146,228,175
HEX: #92E4AF |
|  | WARNING TRACK & INFIELD
PANTONE: 19-1223 TCX
CMYK: 0/75/75/35
RGB: 165,42,42
HEX: #A52A2A |

4. LOGO COLORS SHALL BE AS FOLLOWS:
- | | |
|---|--|
|  | FIELD GREEN
PANTONE: 5615C
CMYK: 35/0/31/50
RGB: 81,128,89
HEX: #538059 |
|  | SUMMER GREEN
PANTONE: 352C
CMYK: 36/0/23/11
RGB: 146,228,175
HEX: #92E4AF |
|  | MU GOLD
PANTONE: 124C
CMYK: 0/31/99/00
RGB: 253,183,25
HEX: #FDB719 |
|  | MU BLACK
PANTONE: N/A
CMYK: 35/24/24/100
RGB: 0,0,0
HEX: #000000 |

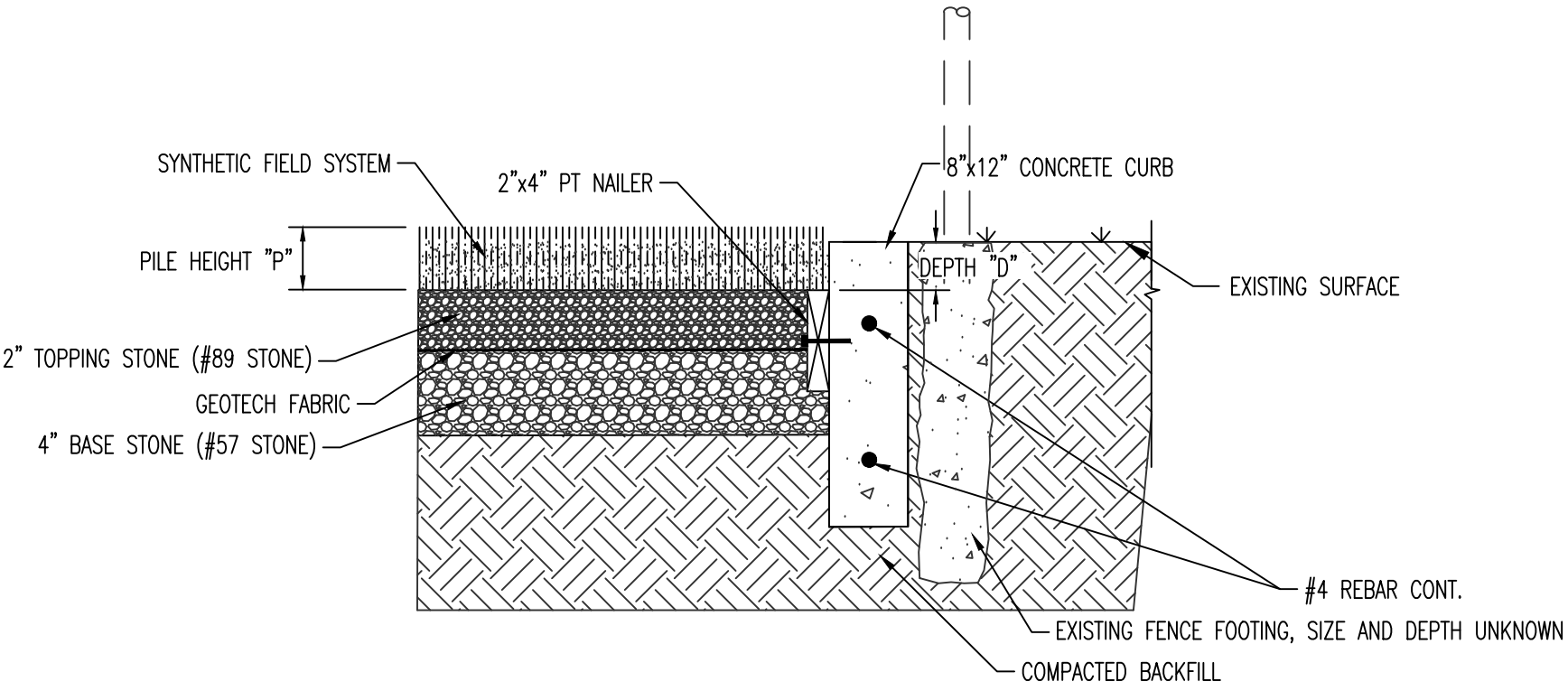
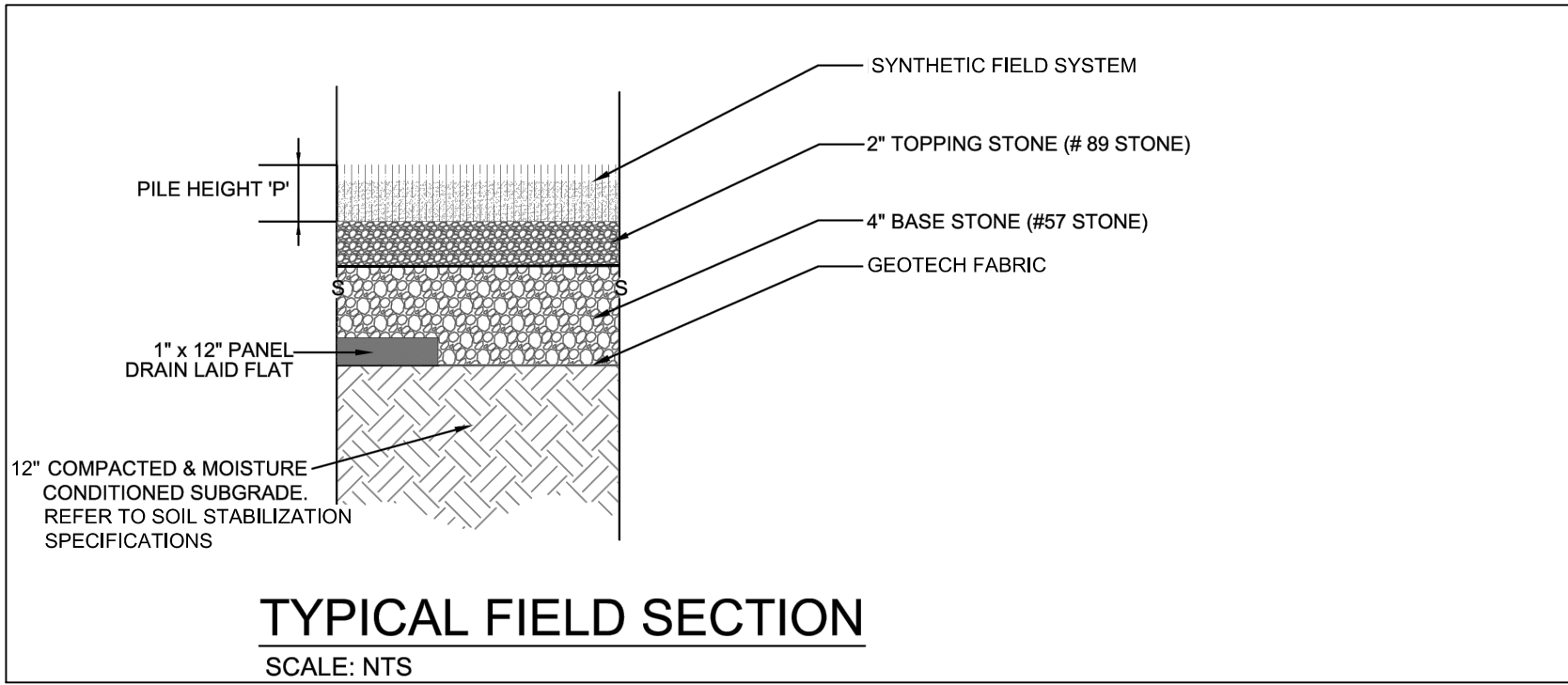
REVISIONS:	
NO.	DATE
BID SET	04/22/2025
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY	
	
TIMOTHY D. CROCKETT MO LICENSE 2004000775	
PREPARED BY: CROCKETT ENGINEERS & ARCHITECTS 1000 W. Illinois Blvd., Suite 100 Columbia, Missouri 65203 (314) 447-0592 www.crockettengineering.com Crockett Engineering Consultants, LLC Missouri Certificate of Authority #000000001	
OWNER:	THE CURATORS OF THE UNIVERSITY OF MISSOURI 226 UNIVERSITY HALL COLUMBUS BUSINESS SERVICES COLUMBIA, MO 65211
MU PROJECT #CP252171 TAYLOR STADIUM - TURF REPLACEMENT COLUMBIA, BOONE COUNTY, MISSOURI	
DRAWING INCLUDES: STRIPING PLAN	
DESIGNED:	TDC
DRAWN:	JEE
PROJECT NO:	240133
SHEET:	CE 7.0



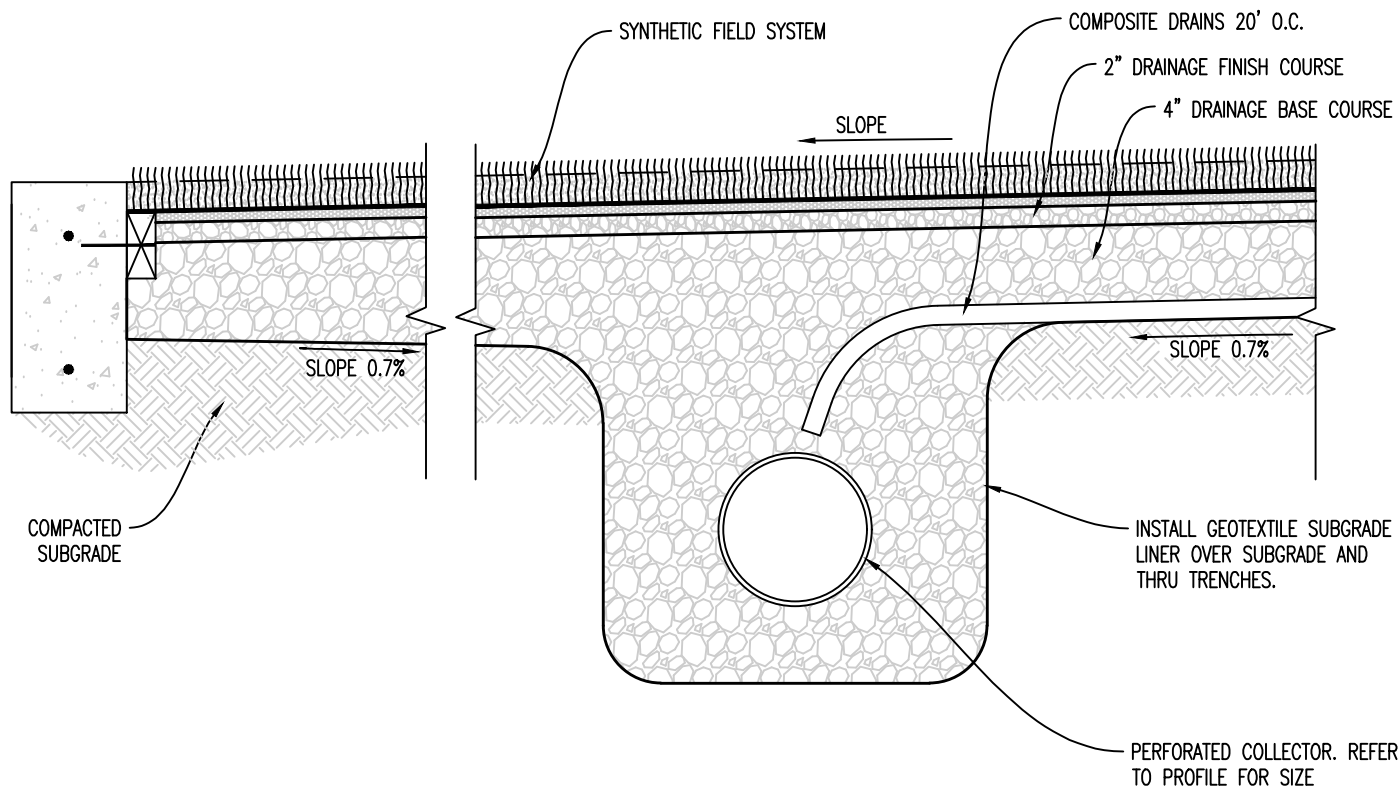
TYPICAL CONCRETE PAVEMENT CROSS SECTION (LIGHT DUTY)



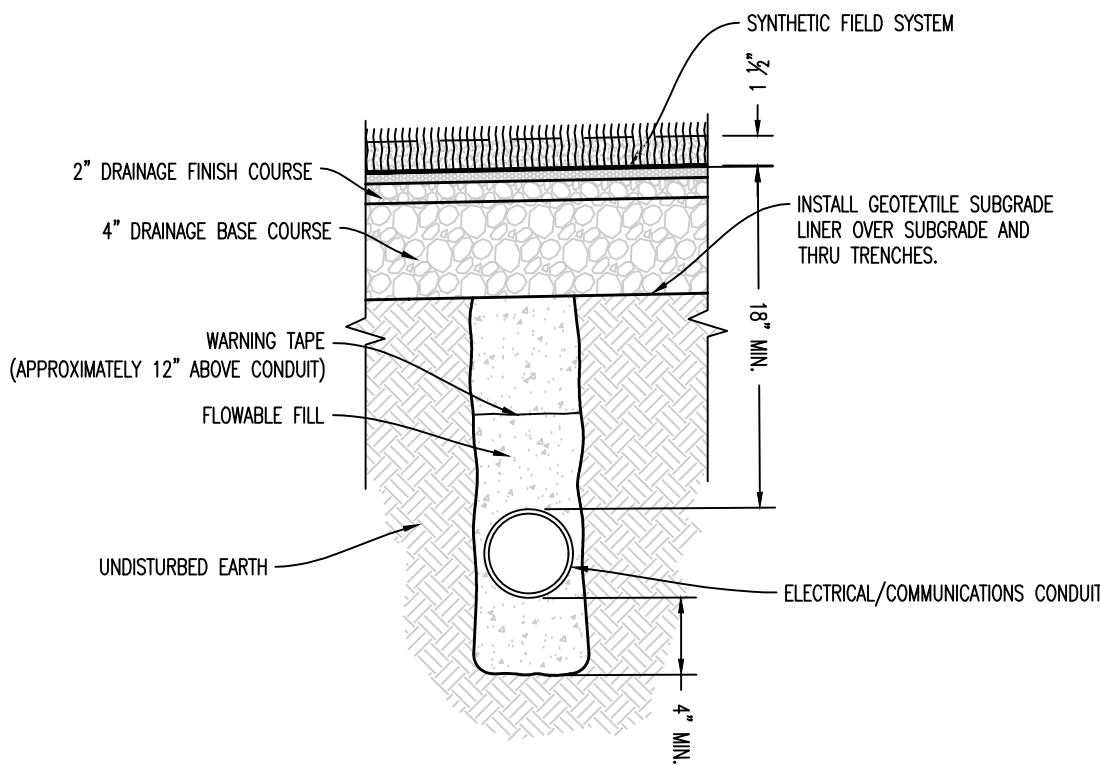
TYP. RETAINING WALL SECTION



SYNTHETIC TURF EDGE - 8"x12" CURB
SCALE: NTS



PERFORATED COLLECTOR
DETAIL



CONDUIT UTILITY TRENCH DETAIL

REVISIONS:

NO.	DATE
BID SET	04/22/2025

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STATE OF MISSOURI

TIMOTHY D. CROCKETT

PROFESSIONAL ENGINEER

NUMBER: 2004000775

MISSOURI LICENSE: 2004000775

PREPARED BY:

CROCKETT ENGINEERS & ARCHITECTS

1000 W. Illinois Blvd., Suite 100

Columbia, Missouri 65203

(314) 447-0592

www.crockettengineering.com

Crockett Engineering Consultants, LLC

Missouri Certificate of Authority #000000001

OWNER:

THE CURATORS OF THE UNIVERSITY OF MISSOURI

220 UNIVERSITY HALL

COLUMBUS BUSINESS SERVICES

COLUMBIA, MO 65211

MU PROJECT #CP252171

TAYLOR STADIUM - TURF REPLACEMENT

COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

SYNTHETIC TURF DETAILS

DESIGNED: TDC

DRAWN: JEE

PROJECT NO: 240133

SHEET: CE 8.0