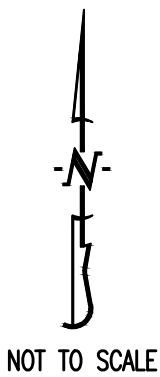
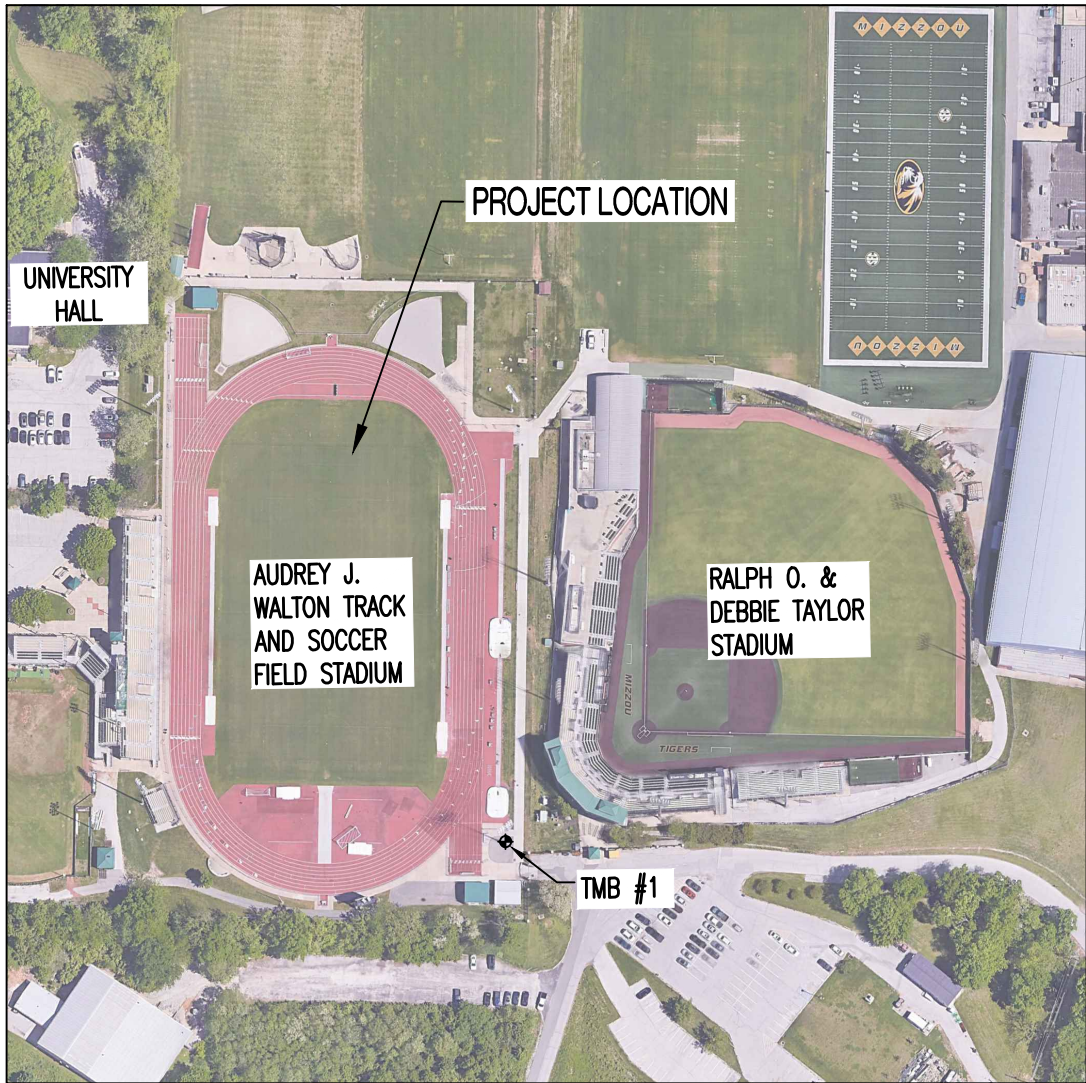




AUDREY J. WALTON STADIUM TRACK AND SOCCER SURFACE UPGRADE

FOR THE CURATORS OF THE UNIVERSITY OF MISSOURI
PROJECT NO. CP252172

LOCATION MAP



GENERAL NOTES:

TOTAL DISTURBED AREA: 5.90 ACRES

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.

A GEOTECHNICAL EVALUATION OF THE SUBSURFACE SOIL, GROUNDWATER CONDITIONS, AND A SLOPE STABILITY ANALYSIS HAS BEEN PERFORMED BY CROCKETT GEOTECHNICAL. REFER TO REPORT G251148 DATED APRIL 3, 2025. THE OWNER SHALL SATISFY THEMSELVES OF ALL GEOTECHNICAL CONDITIONS PRIOR TO ANY CONSTRUCTION.

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).

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

ALL DISTURBED AREAS WITHIN THE "LIMITS OF DISTURBANCE" THAT ARE NOT TO BE PAVED, SHALL BE FINE GRADED BY CONTRACTOR TO AN ELEVATION OF 6" BELOW FINISHED GRADE. VEGETATION WILL BE REESTABLISHED BY OWNER.

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

ALL WORK SHALL BE SCHEDULED WITH THE OWNER'S REPRESENTATIVE AND BE SUBJECT TO THE OWNER'S APPROVAL PRIOR TO PROCEEDING.

DEFERRED SUBMITTALS:

PRE-ENGINEERED TRUSSES

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.

PROJECT BENCHMARK - WALTON FIELD:

TBM #1 - CHISELED "+" ON THE EAST BOLT OF THE LIGHT POLE BASE LOCATED APPROXIMATELY 40 FEET NORTHWEST OF THE MAIN ENTRANCE TO THE FIELD.
ELEVATION = 716.51'

FLOOD PLAIN STATEMENT:

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

ALTERNATES:

- SOCCER PRACTICE FIELD REMOVAL AND REPLACEMENT OF UNDERDRAINS, IRRIGATION AND TURF.
- SAND PIT.
- PAVILION.

SPECIAL INSPECTIONS

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

- CONCRETE GROUT DESIGN MIX (PERIODIC)
- PLACING OF CONCRETE AND REINFORCING STEEL (CONTINUOUS OF CONCRETE SAMPLING / PERIODIC OF REINFORCING)
- BOLTS & ANCHORS EMBEDDED IN CONCRETE (PERIODIC)
- STRUCTURAL STEEL FABRICATIONS (UNLESS AISC APPROVED) (PERIODIC)
- STRUCTURAL STEEL BOLTING & WELDING (PERIODIC)
- POST INSTALLED ANCHORS IN CONCRETE (CONTINUOUS)
- IN-SITU SOILS, EXCAVATIONS, FILLING & COMPACTION (PERIODIC)
- MASONRY AND REINFORCING STEEL (CONTINUOUS ON CELL/ GROUTING ON REINFORCING)
- WOOD FRAMING:
 - SHEAR WALLS; WALL SIZE, CONFIGURATION, BLOCKING, PANEL GRADE, PANEL THICKNESS, AND FASTENING. (PERIODIC)
 - DIAPHRAGMS (FLOOR AND ROOF SHEATHING); SIZE, CONFIGURATION, BLOCKING, PANEL GRADE, PANEL THICKNESS, AND FASTENING. (PERIODIC)
 - FRAMING MEMBERS AND DETAILS (PERIODIC)
 - MATERIAL GRADE (PERIODIC)
 - CONNECTIONS; HANGERS, HOLD DOWNS, BUILT-UP COLUMNS, BUILT-UP BEAMS (PERIODIC)
 - PRE-ENGINEERED TRUSSES; FRAMING, CONNECTIONS, BRIDGING (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.

EXISTING UTILITY NOTE:

EXISTING UTILITIES ARE SHOWN BASED ON PREVIOUS DESIGN PLANS, FIELD LOCATES, MAPPING AND FIELD EVIDENCE. ACTUAL FIELD LOCATIONS AND SIZE MAY VARY FROM WHAT IS REPRESENTED ON THESE PLANS. CONTRACTOR TO CONTACT UNIVERSITY REPRESENTATIVE IF CONFLICTS WITH EXISTING AND PROPOSED UTILITIES ARISE.

BUILDING CODES IN EFFECT:

IBC/2024, NEC/2023, IPC/2024, IMC/2024, IFPMG/2024, IFGC/2024, IECC/2024, IEBC/2024, IFC/2024 AS AMENDED AND ADOPTED BY THE UNIVERSITY.

SHEET INDEX

- | | | |
|--------|---|---|
| CE 0.0 | - | COVER SHEET |
| CE 1.0 | - | EXISTING CONDITIONS |
| CE 2.0 | - | DEMOLITION AND INITIAL EROSION CONTROL PLAN |
| CE 2.1 | - | SITE ACCESS PLAN |
| CE 3.0 | - | GRADING PLAN AND FINAL EROSION CONTROL PLAN |
| CE 4.0 | - | UTILITY PLAN |
| CE 5.0 | - | STORM SEWER PROFILES AND DETAILS |
| CE 6.0 | - | SITE PLAN |
| CE 6.1 | - | ENLARGED JUMPING EVENTS SITE PLAN |
| CE 7.0 | - | TRACK DETAILS |
| CE 7.1 | - | TRACK DETAILS CONTINUED |
| CE 7.2 | - | SITE CONSTRUCTION DETAILS |
| CE 7.3 | - | CHAIN LINK FENCE DETAILS |
| PF 3.1 | - | PLAYING FIELD IRRIGATION PLAN |
| EP101 | - | POWER PLAN |
| E501 | - | ELECTRICAL DETAILS & SCHEDULES |
| S100 | - | COVER / GENERAL STRUCTURAL DATA |
| S200 | - | FOUNDATION PLANS & DETAILS |

SHEET INDEX (CONT.)

- | | | |
|--------|---|---|
| CE 8.0 | - | ALTERNATE #1 - SOCCER PRACTICE FIELD |
| PF 3.2 | - | PRACTICE PLAYING FIELD IRRIGATION PLAN - ALTERNATE #1 |
| CE 8.1 | - | ALTERNATE #2 - SAND PIT |

UTILITY COMPANIES:

LOCATES:

MISSOURI ONE CALL INC.
1022 B NORTHEAST DRIVE
JEFFERSON CITY, MO 65109
1-800-344-7483



TELEPHONE:

UNIVERSITY OF MISSOURI, DIVISION OF I.T.
615 LOCUST ST.
COLUMBIA, MO 65211
573-882-5000

CABLE TELEVISION:

CHARTER COMMUNICATIONS
1510 CHARTER BOONE
INDUSTRIAL BOULEVARD
COLUMBIA, MO 65202
573-875-8875

STEAM & MEDIUM VOLTAGE

ELECTRIC:

MU ENERGY MANAGEMENT
180 GENERAL SERVICES BUILDING
COLUMBIA, MO 65211
573-882-8211

STORM/SANITARY SEWER

& WATER:

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

SECONDARY ELECTRIC:

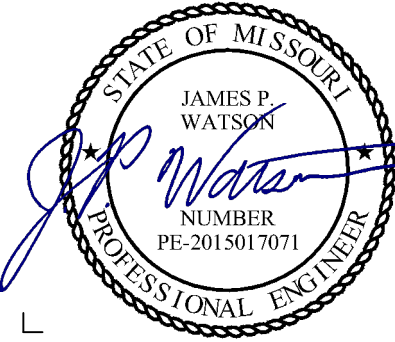
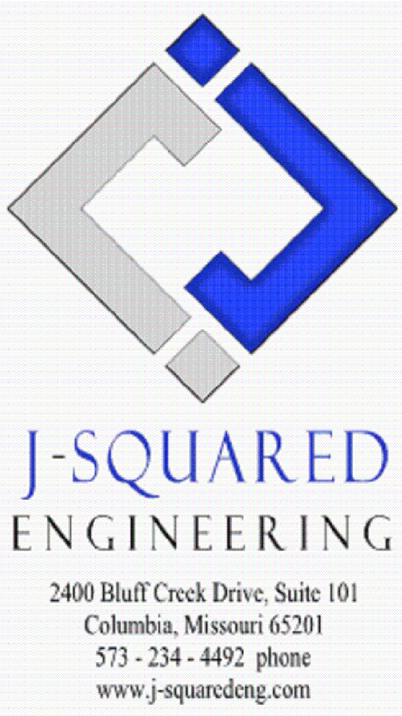
UNIVERSITY CAMPUS FACILITY OPERATIONS
180 GENERAL SERVICES BUILDING
COLUMBIA, MO 65211
573-882-8211

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



MEP

I HEREBY CERTIFY THAT 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.

SIGNATURE: *J.P. Watson*



CIVIL

I HEREBY CERTIFY THAT 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.

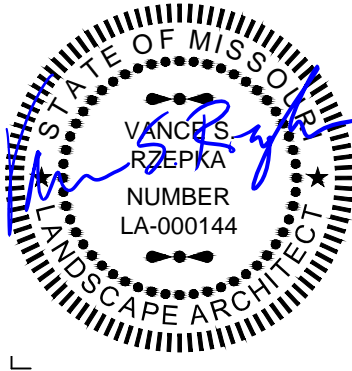
SIGNATURE: *Timothy D. Crockett*

VSR Design

Landscape Architecture-Sports-Recreation-Golf

ph: (913) 484-5211

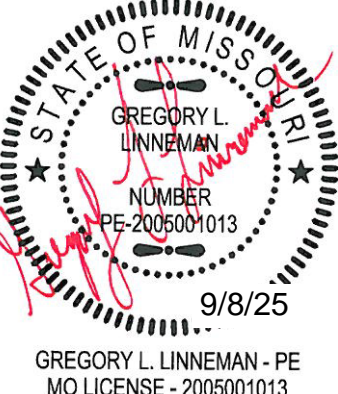
e: vance@vsrdesign.net



LANDSCAPE ARCHITECT

I HEREBY CERTIFY THAT 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.

SIGNATURE: *Vance S. Rzepka*



STRUCTURAL

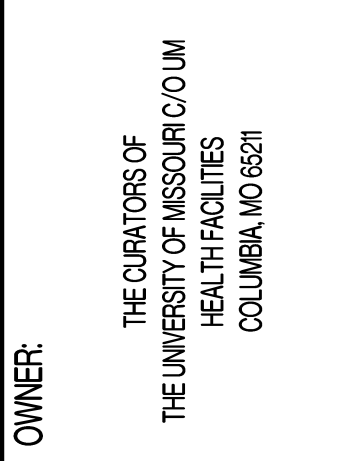
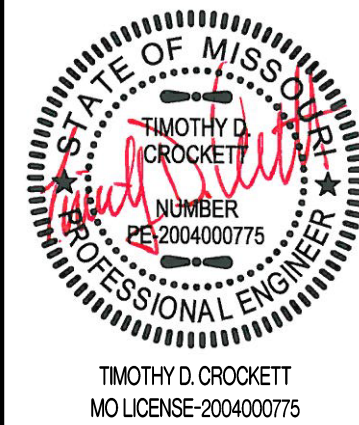
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SIGNATURE: *Gregory L. Linneman*

REVISIONS:

NO.	DATE
BID SET	09/08/2025

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY



MU PROJECT #CP252172
WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

COVER SHEET

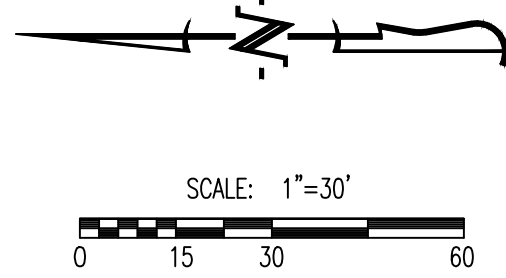
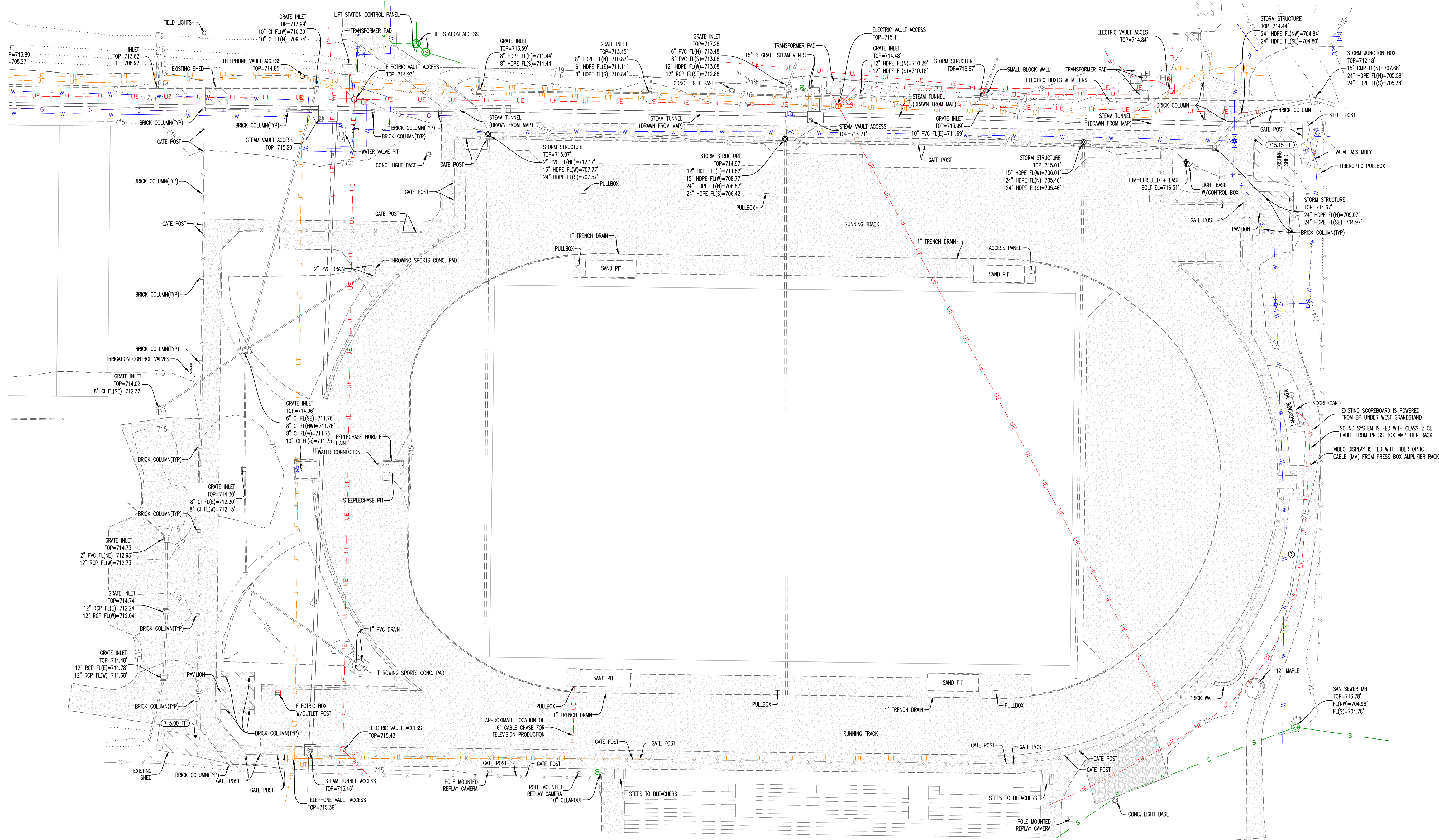
DESIGNED: TDC

DRAWN: JEE

PROJECT NO.: 230519

SHEET:
CE 0.0

Y:\2023\230519 - CP24\221 - Walton (Audrey J.) Track & Soccer Field Renovation\Civil\ACAD Files\Construction Plans\230519_Site Base.dwg



LEGEND OF SYMBOLS:

- EXISTING CONCRETE PAVEMENT
- EXISTING TRACK SURFACE
- EXISTING STRUCTURE
- EXISTING WATERLINE
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING FIRE HYDRANT

- EXISTING UNDERGROUND TELEPHONE
- EXISTING UNDERGROUND ELECTRIC
- EXISTING STEAM CHASE
- EXISTING MANHOLE
- EXISTING STORM SEWER
- EXISTING SIGN
- CONSTRUCTION FENCE
- EXISTING FENCE

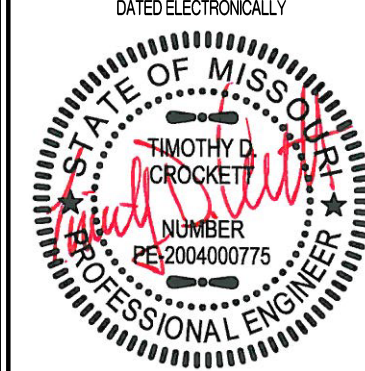
EXISTING UTILITY NOTE:

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REVISIONS:

NO.	DATE
BID SET	09/08/2025

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TIMOTHY D. CROCKETT
MISSOURI LICENSE 2004000775

PREPARED BY:
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www.crockettengineering.com
Missouri Certificate of Authority
#000000001

OWNER:

THE CURATORS OF
THE UNIVERSITY OF MISSOURI/COLUMBIA
HEALTH SCIENCES
COLUMBIA, MO 65211

MU PROJECT #CP252172 WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE COLUMBIA, BOONE COUNTY, MISSOURI

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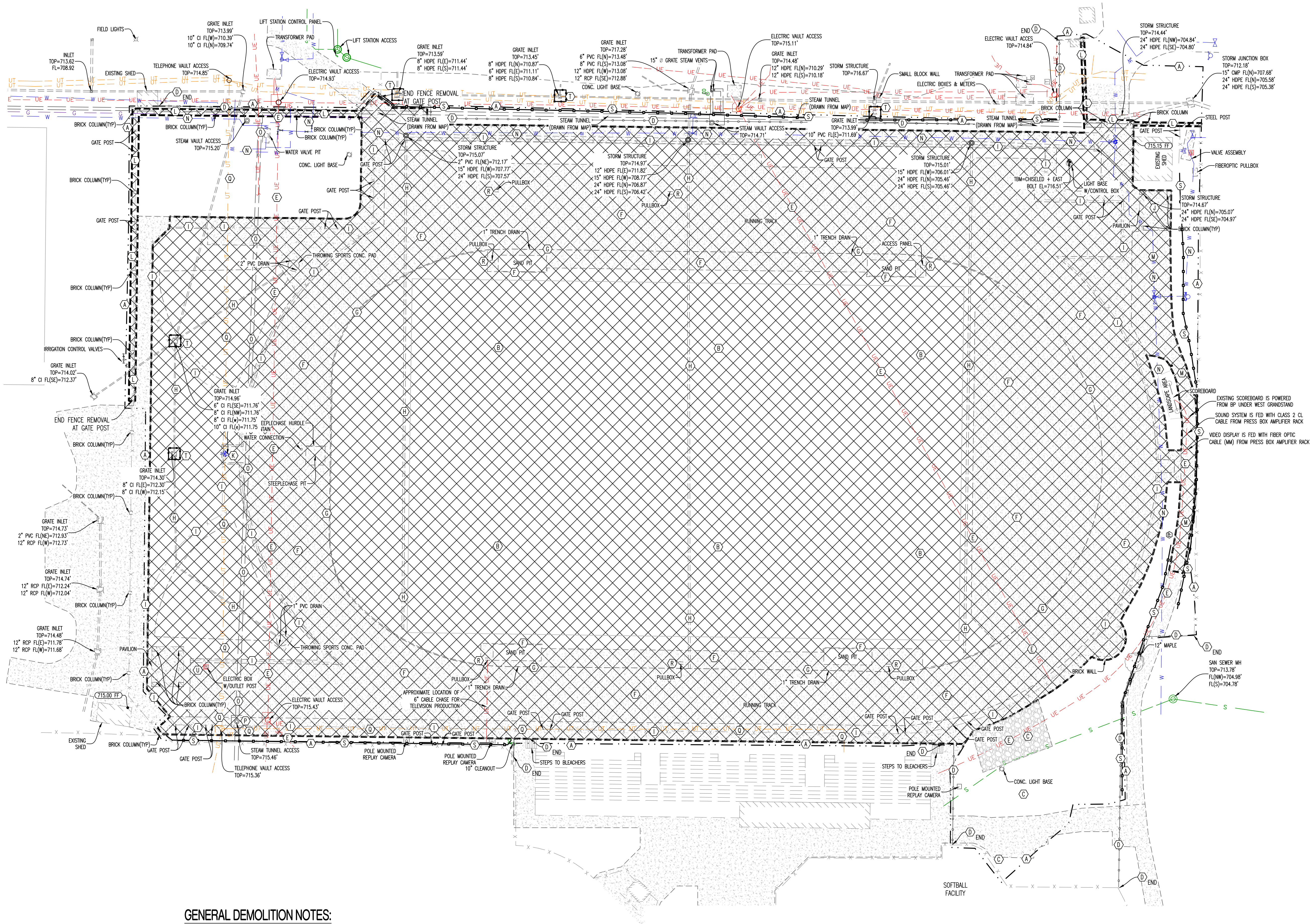
EXISTING CONDITIONS

DESIGNED: TDC

DRAWN: JEE

PROJECT NO.: 230519

SHEET:
CE 10

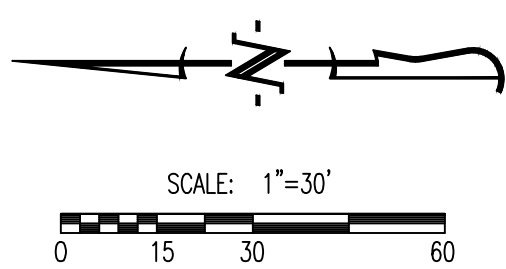


GENERAL DEMOLITION NOTES:

- CONTRACTOR SHALL TAKE CAUTION TO PROTECT EXISTING UTILITIES THAT ARE TO REMAIN.
- 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.
- CONTRACTOR TO COORDINATE WITH OWNER AND UTILITY PROVIDER PRIOR TO RELOCATION OR DISCONNECTING ANY UTILITIES.
- CONTRACTOR MAY UTILIZE EXISTING FENCING AS TEMPORARY CONSTRUCTION FENCING DURING PHASES OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH THE UNIVERSITY TO ENSURE THAT SITE IS SECURE AT ALL TIME.

EXISTING UTILITY NOTE:

EXISTING UTILITIES ARE SHOWN BASED ON PREVIOUS DESIGN PLANS, FIELD LOCATES, MAPPING AND FIELD EVIDENCE. FACTUALLY FIELD LOCATIONS AND SIZE MAY VARY FROM WHAT IS REPRESENTED ON THESE PLANS. CONTRACTOR TO CONTACT UNIVERSITY REPRESENTATIVE IF CONFLICTS WITH EXISTING AND PROPOSED UTILITIES ARISE.



LEGEND OF LABELS:

- (A) LIMITS OF DISTURBANCE.
- (B) CONTRACTOR TO REMOVE EXISTING NATURAL TURF, IRRIGATION LINES AND UNDERDRAINS. HAUL OFF AND DISPOSE LEGALLY OFF-SITE.
- (C) UTILIZE THIS AREA AS CONSTRUCTION ENTRY AND EXIT. ALL CONSTRUCTION TRAFFIC SHALL ACCESS THE WORK AREA FROM THIS LOCATION. REFER TO SHEET CE 2.1 FOR ACCESS PLAN.
- (D) CONTRACTOR TO INSTALL TEMPORARY CONSTRUCTION FENCING AROUND WORK AREA AS SHOWN. FENCE SHALL BE CONSTRUCTED OF 9 OR 11-GAUGE CHAIN LINK NOT LESS THAN 6 FEET IN HEIGHT AND NOT MORE THAN 2-INCH MESH WITH POST SPACED NOT MORE THAN 10 FEET APART AND ALL CORNER AND GATE POSTS IMBEDDED IN CONCRETE. ALL OTHER POST SHALL BE SUFFICIENTLY SECURED IN GROUND TO MAINTAIN PROPER AND ADEQUATE SUPPORT OF FENCE. FENCE IN AREA SHALL HAVE AT LEAST 2 ACCESS GATES AND ALL GATES SHALL BE LOCKABLE. CONTRACTOR MAY USE EXISTING FENCE AS CONSTRUCTION FENCING DURING PHASES OF CONSTRUCTION WITH APPROVAL FROM UNIVERSITY.
- (E) EXISTING ELECTRIC LINE TO REMAIN AND BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
- (F) EXISTING TRACK, JUMP PITS, UNDERDRAINS, CONCRETE SIDEWALK, ETC. TO BE REMOVED AND LEGALLY DISPOSED OFF-SITE.
- (G) EXISTING TRENCH DRAIN AROUND TRACK TO BE REMOVED AND LEGALLY DISPOSED OFF-SITE.
- (H) EXISTING STORM SEWER PIPE TO BE REMOVED AND LEGALLY DISPOSED OFF-SITE.
- (I) EXISTING PERIMETER FENCE TO BE REMOVED AND LEGALLY DISPOSED OFF-SITE.
- (J) EXISTING PAVILION AND FOUNDATION TO BE REMOVED AND LEGALLY DISPOSED OFF-SITE.
- (K) EXISTING WATER FOUNTAIN TO BE REMOVED AND LEGALLY DISPOSED OFF-SITE. CONTRACTOR TO HAVE SERVICE LINE TURNED OFF AND WATER LINE CAPPED AT MAIN. COORDINATE WITH OWNER PRIOR TO TERMINATION.
- (L) EXISTING BRICK COLUMN, FENCING, AND GATES TO BE REMOVED AND LEGALLY DISPOSED OFF-SITE.
- (M) EXISTING ASPHALT DRIVE TO BE REMOVED AND DISPOSED LEGALLY OFF-SITE.
- (N) EXISTING WATERLINE TO REMAIN AND BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
- (O) EXISTING ABANDONED STEAM CHASE TO REMAIN.
- (P) EXISTING ABANDONED STEAM MANHOLE. CONTRACTOR TO CHECK FOR ASBESTOS AND PROVIDE DOCUMENTATION TO UNIVERSITY. CONTRACTOR TO PERFORM ASBESTOS ABATEMENT IF REQUIRED. REFER TO SPECIFICATIONS. BOTTOM OF MANHOLE TO BE BROKEN AND STRUCTURE FILLED WITH CLEAN SAND.
- (Q) EXISTING FIBER TO REMAIN AND BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
- (R) EXISTING PULL BOX TO BE REMOVED AND UNDERGROUND CONDUITS TO BE REMOVED IF ENCOUNTERED WITH EXCAVATION. CONTRACTOR TO MARK AND RECORD EXISTING LOCATIONS OF CONDUIT AT LIMITS OF DEMOLITION.
- (S) CONTRACTOR TO INSTALL SILT FENCE. REFER TO PROJECT SWPPP FOR DETAILS.
- (T) CONTRACTOR TO INSTALL SILT FENCE INLET PROTECTIONS. REFER TO PROJECT SWPPP FOR DETAILS.
- (U) ELECTRIC OUTLET BOX SERVICE TO BE DISCONNECTED AND REMOVED. CONTRACTOR TO COORDINATE WITH MU UTILITIES.

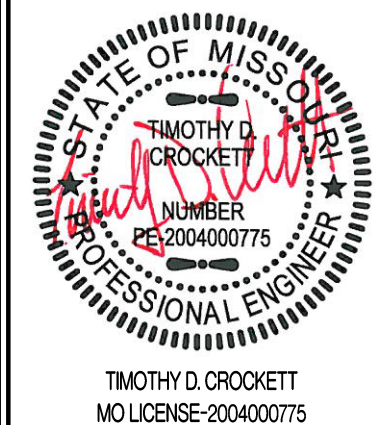
GENERAL EROSION CONTROL NOTES:

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

REVISIONS:

NO.	DATE
BID SET	09/08/2025

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY



PREPARED BY:
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www.crockettingeering.com
Missouri Certificate of Authority
#00000001

OWNER:
THE CURATORS OF
THE UNIVERSITY OF MISSOURI/COLUMBIA
HEALTH FACILITIES
COLUMBIA, MO 65211

MU PROJECT #CP251272
WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

DEMOLITION AND INITIAL
EROSION CONTROL
PLAN

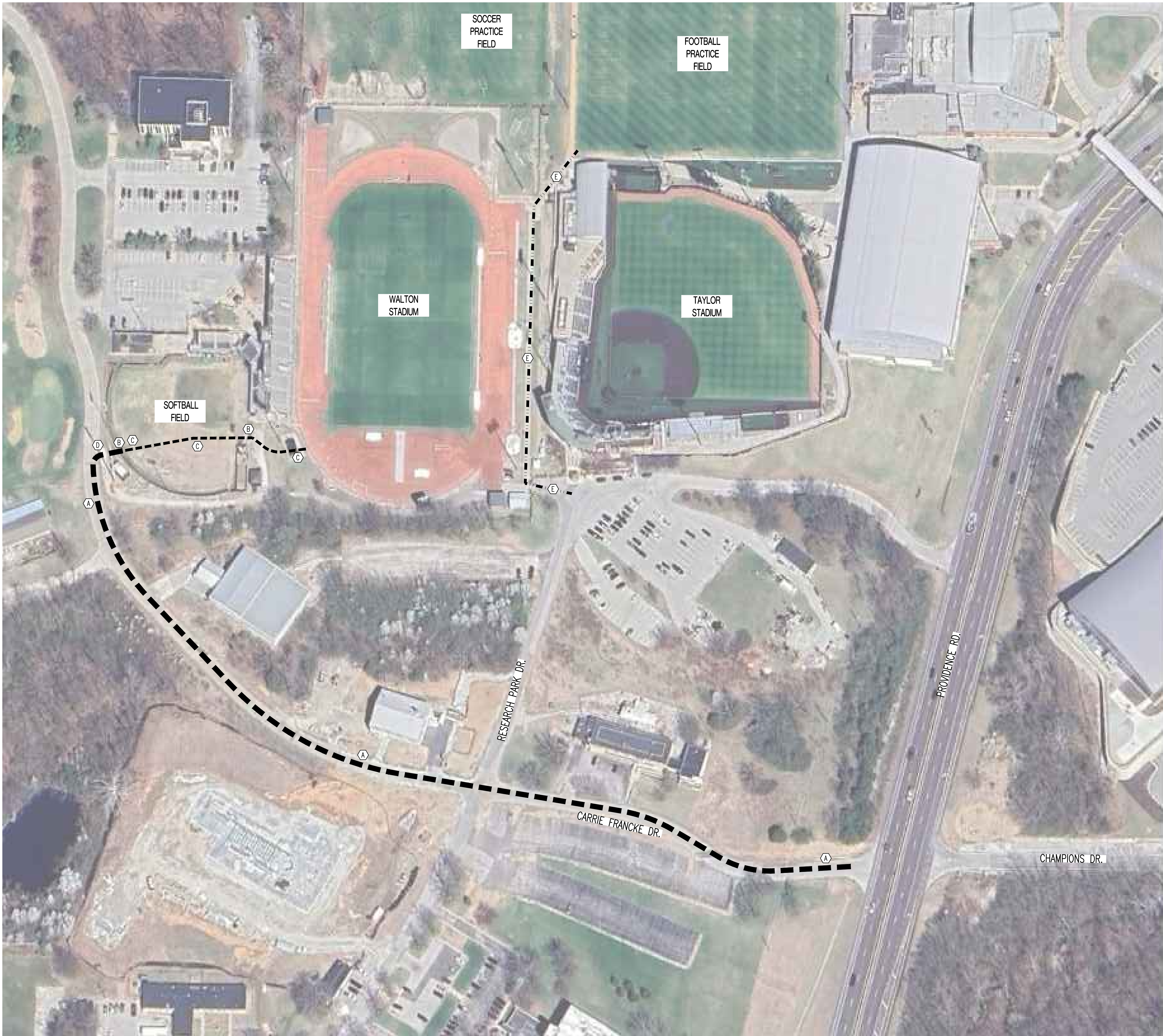
DESIGNED: TDC

DRAWN: JEE

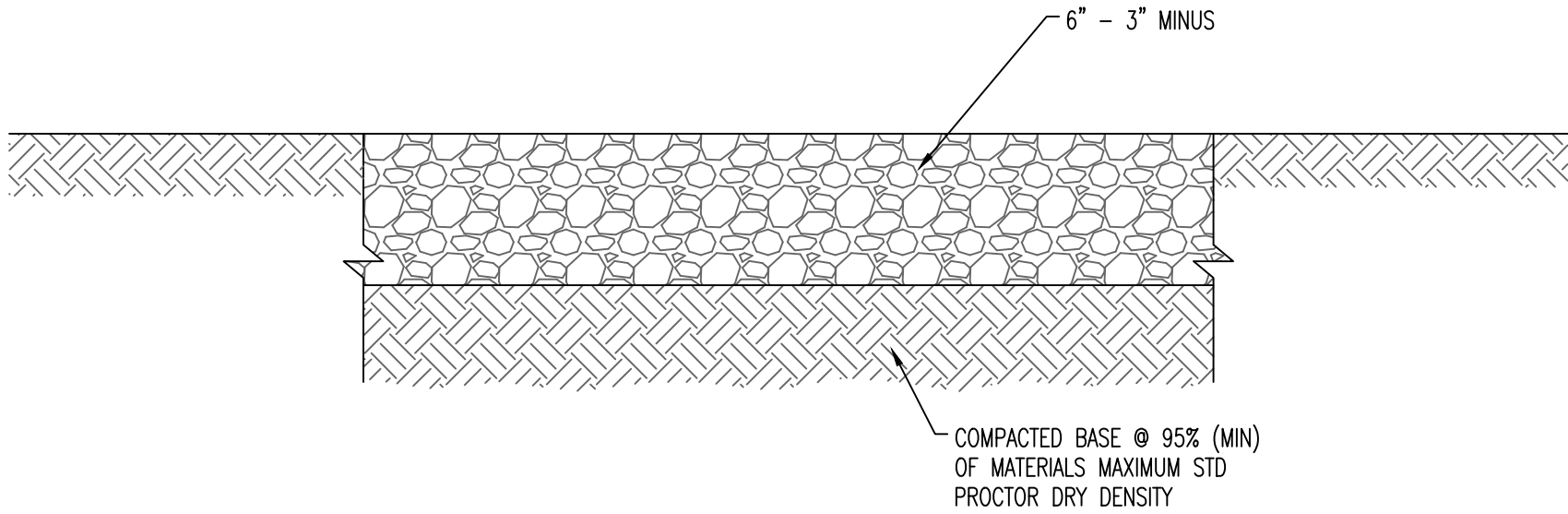
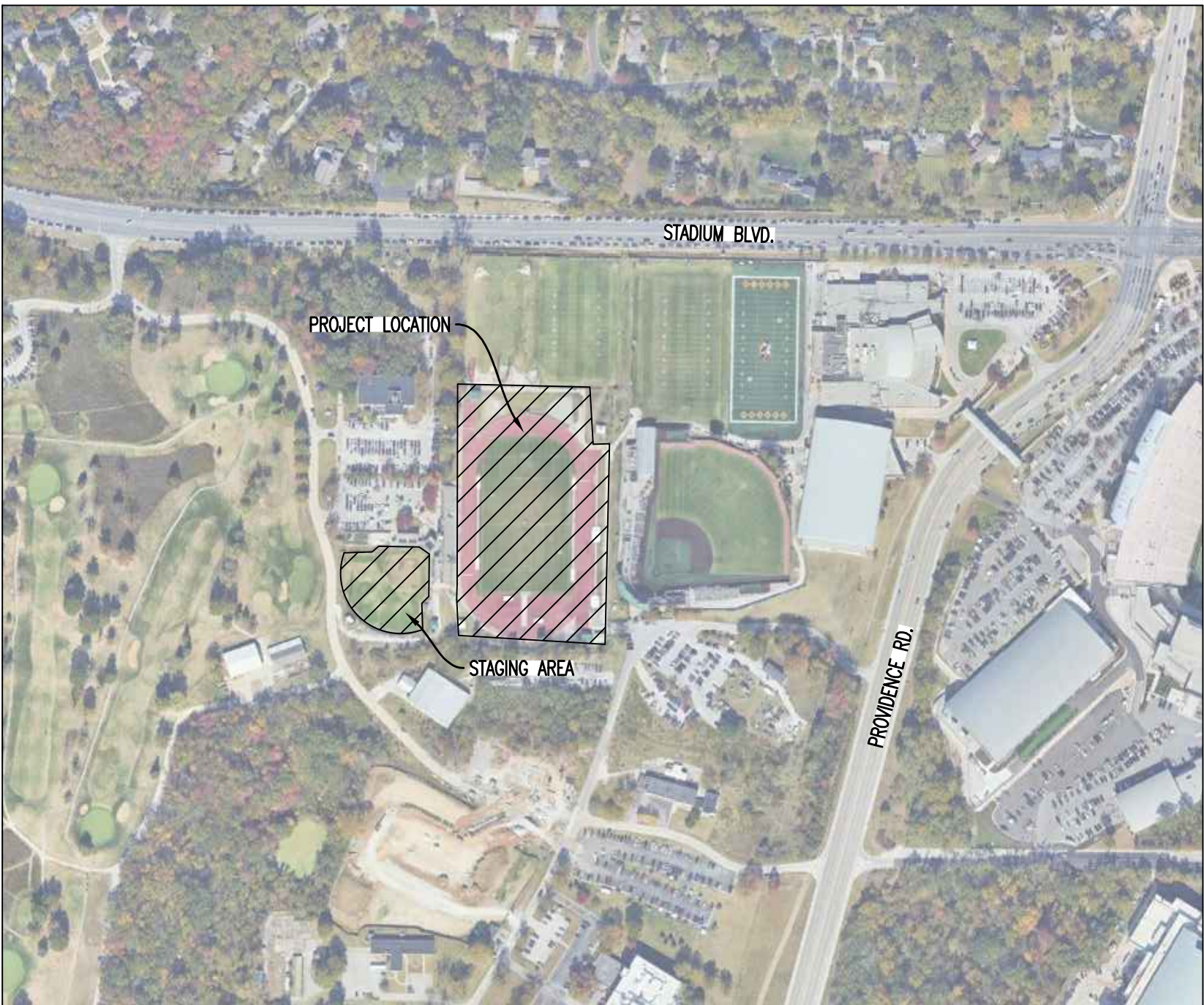
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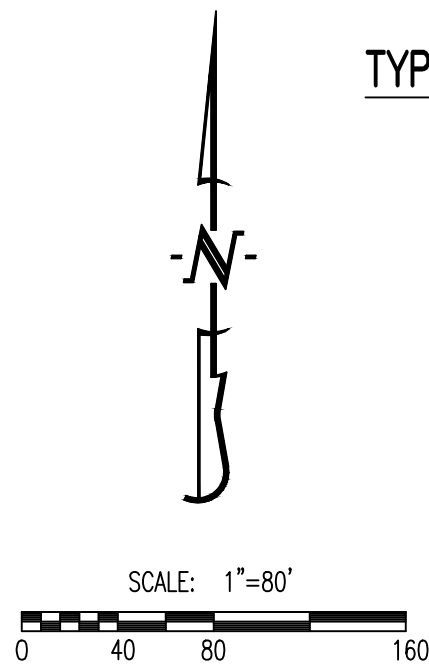
Y:\2023\230519 - CP24\221 - Walton (Audrey J.) Track & Soccer Field Stadium - Soccer Field Renovation\Civil\ACAD Files\Construction Plans\230519_Site Base.dwg



CONSTRUCTION STAGING AREA



TYPICAL TEMPORARY ACCESS DRIVE CROSS-SECTION



LEGEND OF LABELS

- (A) CONTRACTOR TO USE EXISTING PAVEMENT AS CONSTRUCTION ENTRY AND EXIT. ALL CONSTRUCTION TRAFFIC SHALL UTILIZE THIS ENTRY AND EXIT TO THE PROJECT. CONTRACTOR TO PROVIDE FENCING AND GATES WITH LOCKS AS REQUIRED TO SECURE THE ACCESS FROM CARRIE FRANCKE DRIVE TO OLD SOFTBALL FIELD AT THE EXISTING FENCE. ANY DAMAGE TO EXISTING PAVEMENT DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR. CONTRACTOR SHALL CLEAN/POWER WASH CONSTRUCTION AREA PAVEMENT ONCE WORK IS COMPLETE. ACCESS ACROSS THE OLD SOFTBALL FIELD SHALL BE ALLOWED BUT CONTRACTOR WILL NEED TO INSTALL TEMPORARY ACCESS DRIVE TO BE USED DURING CONSTRUCTION. ONCE CONSTRUCTION IS COMPLETE, CONTRACTOR TO REMOVE TEMPORARY ACCESS DRIVE.
- (B) REMOVE EXISTING SOFTBALL FENCE AS NECESSARY FOR CONSTRUCTION ENTRANCE.
- (C) CONSTRUCT TEMPORARY ACCESS DRIVE. REFER TO DETAIL THIS SHEET.
- (D) CONTRACTOR TO PROVIDE TEMPORARY ASPHALT WEDGE AT CURB AND GUTTER FOR ACCESS DRIVE.
- (E) ACCESS TO FOOTBALL PRACTICE FIELD FOR MAINTENANCE DEPARTMENT TO BE COORDINATED WITH OWNER'S REPRESENTATIVE AND CONTRACTOR.

REVISIONS:

NO.	DATE
BID SET	09/08/2025

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

TIMOTHY D. CROCKETT
PROFESSIONAL ENGINEER
MISSOURI LICENSE 200400075

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COLUMBIA, MO 65211

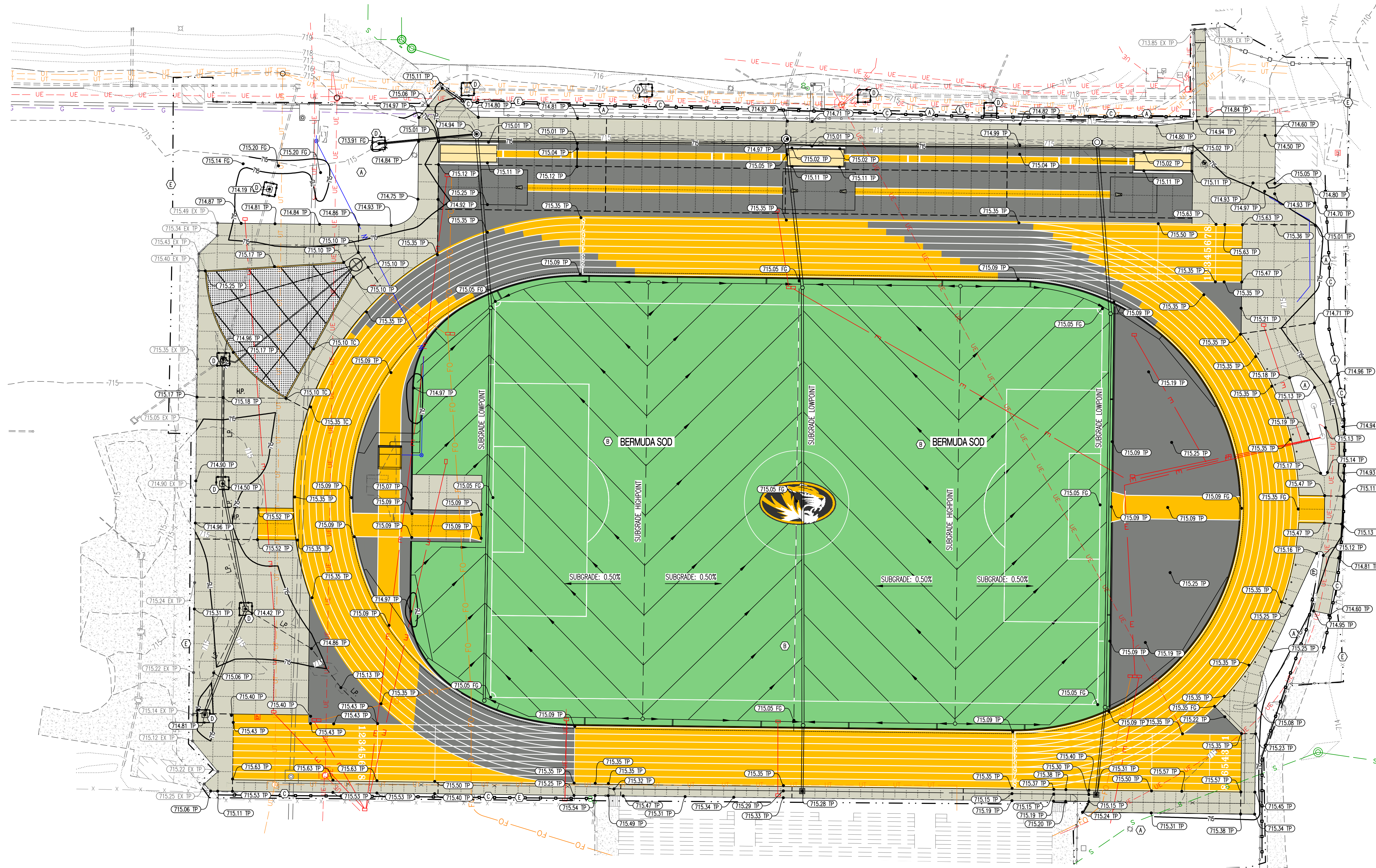
MU PROJECT #CP252172
WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

SITE ACCESS PLAN

DESIGNED: TDC
DRAWN: JEE
PROJECT NO: 230519
SHEET:
CE 2.1

Y:\2023\230519 - CP241221 - Walton (Audrey J.) Track & Soccer Field Stadium - Soccer Field Renovation\Civil\ACAD Files\Construction Plans\230519_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 FG PROPOSED FINISH GRADE ELEVATION
- XXX.XX TP PROPOSED TOP OF PAVEMENT / TOP OF TRACK SURFACE
- X/XX PROPOSED SLOPE

CONSTRUCTION NOTES:

- (A) ALL DISTURBED AREAS OUTSIDE OF TRACK AND WITHIN THE "LIMITS OF DISTURBANCE" THAT ARE NOT TO BE PAVED OR PART OF THE SOCCER 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.
- (C) INSTALL SILT FENCE. PORTIONS MAY BE INSTALLED AS INITIAL EROSION CONTROL. REFER TO PROJECT SWPPP FOR DETAILS.
- (D) INSTALL SILT FENCE INLET PROTECTION. REFER TO PROJECT SWPPP FOR DETAILS.
- (E) LIMITS OF DISTURBANCE.

EXISTING UTILITY NOTE:

EXISTING UTILITIES ARE SHOWN BASED ON PREVIOUS DESIGN PLANS, FIELD LOCATES, MAPPING AND FIELD EVIDENCE. ACTUAL FIELD LOCATIONS AND SIZE MAY VARY FROM WHAT IS REPRESENTED ON THESE PLANS. CONTRACTOR TO CONTACT UNIVERSITY REPRESENTATIVE IF CONFLICTS WITH EXISTING AND PROPOSED UTILITIES ARISE.

FINAL GRADES:

ALL FINAL GRADES OF THE TRACK, RUNWAYS, JUMP PITS, "D" ZONE, ETC. SHALL CONFORM TO THE WORLD ATHLETICS COMPETITION AND TECHNICAL RULES 2024 EDITION FOR TRACK AND FIELD SLOPES AND GRADES.

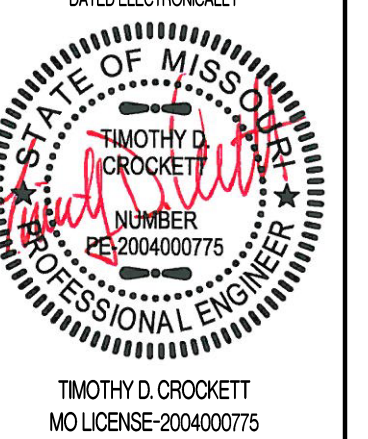
CHEMICAL SOIL STABILIZATION NOTE:

CONTRACTOR SHALL PROVIDE CHEMICAL SOIL STABILIZATION OF THE UPPER 12" OF COMPACTED SUBBASE USING PORTLAND CEMENT AT A APPLICATION RATE OF 6% FOR BASE BID UNDER TRACK AND FIELD EVENTS PAVEMENT. FINAL APPLICATION RATE TO BE DETERMINED BY CONTRACTOR AND SUBMITTED FOR APPROVAL. CHEMICAL MODIFICATION SHALL BE PERFORMED BY A PRE-QUALIFIED CONTRACTOR HAVING EXPERIENCE WITH SUCCESSFULLY STABILIZING SUBGRADES IN THE PROJECT AREA ON SIMILAR SIZED PROJECTS WITH SIMILAR SOIL CONDITIONS. RESULTS OF CHEMICAL ANALYSIS OF THE ADDITIVE MATERIAL SHALL BE PROVIDED TO GEOTECHNICAL ENGINEER PRIOR TO USE. REFER TO GEOTECH REPORT FOR EXISTING SOILS INFORMATION.

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MU PROJECT #CP252172
WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

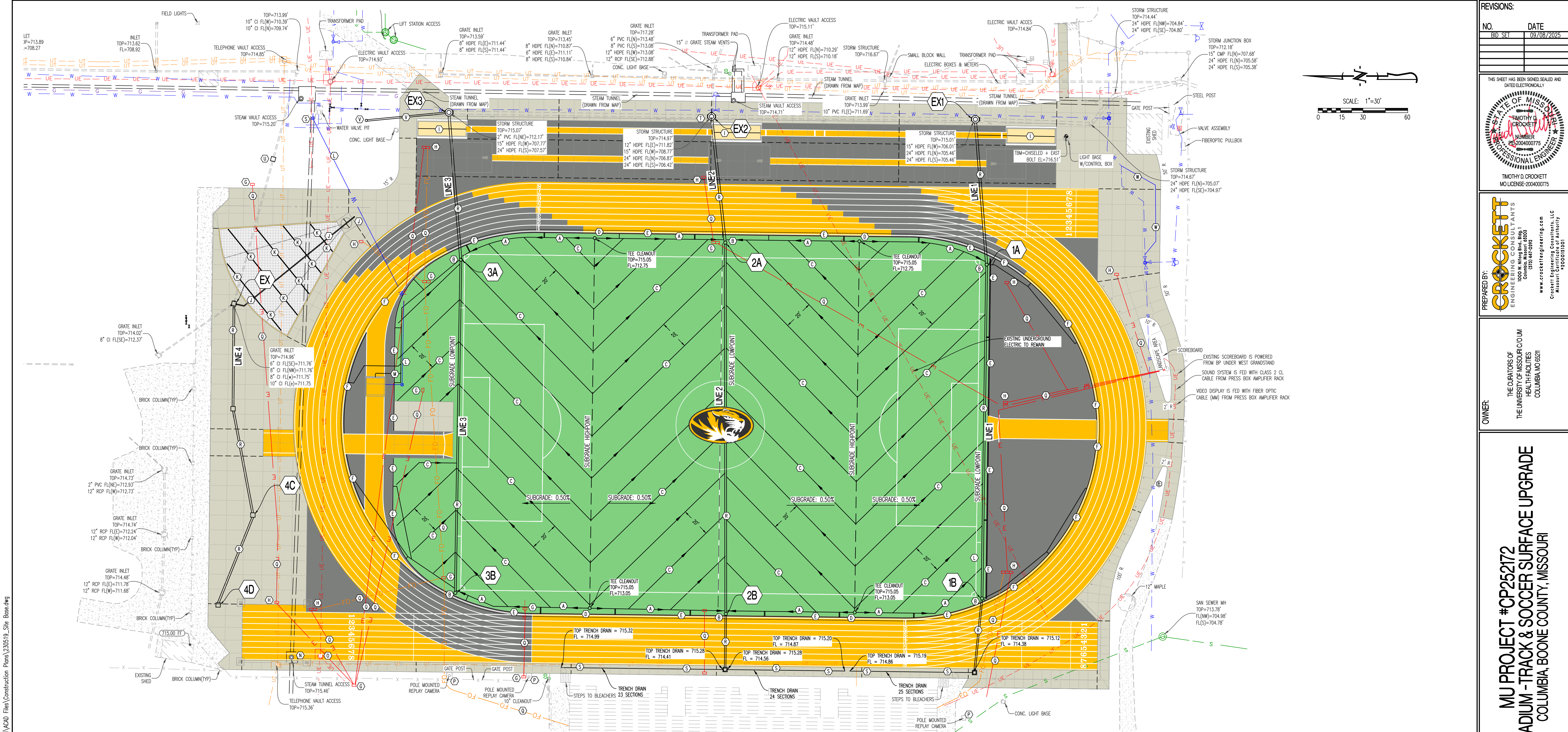
GRADING AND FINAL
EROSION CONTROL
PLAN

DESIGNED: TDC

DRAWN: JEE

PROJECT NO.: 230519

SHEET:
CE 3.0



CONSTRUCTION NOTES:

- (A) INSTALL 12" PERFORATED HPP PIPE AT 1.0% GRADE.
- (B) INSTALL 24" NYLOPLAST DRAIN BASINS AND STORM SEWER PIPES. REFER TO PROFILES ON SHEET CE 7.0 FOR DESIGN ELEVATIONS.
- (C) 4" PERFORATED HDPE DRAIN AT 20" O.C. (TYP.). MIN. GRADE AT 0.5%. REFER TO DETAIL ON SHEET CE 7.2.
- (D) INSTALL 12" INLINE TEE CLEANOUT. REFER TO PLANS FOR DESIGN ELEVATIONS. REFER TO DETAIL ON SHEET CE 7.2.
- (E) INSTALL ACO 4000 TRENCH DRAINS AND CATCH BASINS (OR ENGINEER APPROVED EQUAL). REFER TO MANUFACTURERS SPECIFICATIONS. CONTRACTOR TO CONNECT CATCH BASINS TO NYLOPLAST BASIN WITH 6" PVC PIPE AT MIN. 0.5% GRADE. INSTALL HORIZONTAL BENDS AS REQUIRED.
- (F) INSTALL ACO 2000 (RADIUS) SLOT DRAIN (TRACK RADIUS IS NOT WA/IAF STANDARD, CUSTOM SLOT DRAIN REQUIRED) AND CATCH BASINS (OR ENGINEER APPROVED EQUAL). REFER TO MANUFACTURERS SPECIFICATIONS. CONTRACTOR TO CONNECT SLOT DRAIN TO NYLOPLAST BASIN WITH 6" PVC PIPE AT MIN. 0.5% GRADE. INSTALL HORIZONTAL BENDS AS REQUIRED.
- (G) CONTRACTOR TO INSTALL APPROVED VAULT FOR GRASS COMMUNICATIONS/POWER. VAULT TO HAVE LID WITH GREEN TURF AND INSTALLED SO TURF IS AT FINAL FIELD ELEVATION. REFER TO M.E.P.
- (H) CONTRACTOR TO INSTALL APPROVED VAULT FOR COMMUNICATIONS/POWER BOX IN TRACK SECTION. LID TO HAVE SIMILAR TRACK SURFACE AND BE INSTALLED FLUSH WITH SURROUNDING TRACK SURFACE. REFER TO M.E.P. PLANS.
- (I) INSTALL 4" PERFORATED DRAIN TILE FROM LONG JUMP PIT. THE DRAIN INTO PROPOSED STORM SEWER AS SHOWN. REFER TO DETAIL ON SHEET CE 7.0.
- (J) CONTRACTOR TO INSTALL 6" PVC COLLECTOR PIPE AT 0.50% MINIMUM GRADE. CONTRACTOR TO CONNECT (2) 2" DIA. DRAINS FROM SHOT PUT CIRCLE TO 6" PVC COLLECTOR PIPE AS REQUIRED. (2) 2" DIA. DRAINS SHALL HAVE SLOTTED STAINLESS STEEL THREADED DRAIN CAPS. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL.
- (K) INSTALL 4" PERFORATED DRAIN TILE WRAPPED IN FILTER FABRIC AT SHOT PUT AT 0.50% MINIMUM GRADE. DRAIN TILE SHALL CONNECT TO 6" PVC COLLECTOR PIPE. SPACING OF DRAIN TILE SHALL NOT EXCEED 15'. CONTRACTOR SHALL CORE NEW HOLE AS REQUIRED TO EXISTING STORM STRUCTURE AND GROUT CLOSE EXISTING PIPE OPENING.
- (L) CONTRACTOR TO INSTALL NEW 2" WATER SERVICE TO STEEPLECHASE VAULT LOCATION. CONTRACTOR TO INSTALL VALVES AND BLOW OFF ASSEMBLY TO ALLOW FOR WINTERIZATION OF WATER LINE.
- (M) INSTALL 3" PVC PIPE TO DRAIN STEEPLECHASE VAULT. INSTALL VALVE BOX OUTSIDE OF TRACK SURFACE. 3" PVC PIPE TO DRAIN TO STORM SEWER AS SHOWN AT MIN. 1% GRADE.
- (N) EXISTING ABANDONED STEAM MANHOLE. CONTRACTOR TO CHECK FOR ASBESTOS AND PROVIDE DOCUMENTATION TO UNIVERSITY. CONTRACTOR TO PERFORM ASBESTOS ABATEMENT IF REQUIRED. REFER TO SPECIFICATIONS. BOTTOM OF MANHOLE TO BE BROKEN AND STRUCTURE FILLED WITH CLEAN SAND.
- (O) EXISTING ELECTRIC VAULT TOP TO BE ADJUSTED TO FINAL GRADE. CONTRACTOR TO COORDINATE WITH MU UTILITIES. TOP SHALL HAVE TRACK SURFACE INSTALLED ON LID AND SHALL BE FLUSH WITH ADJACENT TRACK TOP OF SURFACE.
- (P) EXISTING REPLAY CAMERA, POLES, BASE AND FOOTINGS (4 TOTAL) TO BE RELOCATED AS REQUIRED TO ALIGN WITH APPROPRIATE SOCCER LINES. CONTRACTOR TO COORDINATE RELOCATION WITH MU UTILITIES.
- (Q) CONTRACTOR TO INSTALL UNDERGROUND PVC CONDUITS FOR DATA AND COMMUNICATIONS. REFER TO M.E.P. PLANS FOR NUMBER AND SIZES. PROPOSED STORM SEWER. REFER TO PROFILE FOR DESIGN ELEVATIONS.

- (R) INSTALL ACO KS100 TRENCH DRAIN. REFER TO MANUFACTURERS SPECIFICATIONS. CONTRACTOR TO CONNECT SLOT DRAIN TO 2' x 2' CATCH BASIN WITH 6" PVC PIPE AT MIN. 0.5% GRADE.
- (S) EXISTING VAULT AND ABOVE GRADE PANEL TO BE MOVED TO THE WEST 5' NORTH TO BE LOCATED OUTSIDE OF JUMPING PIT. CONTRACTOR TO COORDINATE WITH MU UTILITIES.
- (T) INSTALL 2'x2' CONCRETE CATCH BASIN WITH NEENAH R-6672-C FRAME AND GRATE. TOP=714.19, FL=710.90.
- (U) INSTALL 15" NYLOPLAST DRAIN BASIN WITH GRATED H-20 RATED LID. TOP=713.91, FL=711.41.
- (V) INSTALL 12" HPP STORM SEWER PIPE AT MIN. 0.50% GRADED AND CONNECT TO EXISTING STORM AS SHOWN. CONTRACTOR TO CORE INTO EXISTING STORM BOX AT FL=710.75.
- (W) EXISTING 10" WATERLINE TO BE RELOCATED. INSTALL BENDS AS REQUIRED. REFER TO DETAILS ON SHEET CE 7.2. CONTRACTOR TO VERIFY SIZE PRIOR TO ORDERING MATERIALS. CONTRACTOR TO COORDINATE WITH MU UTILITIES.

FIELD DRAINAGE NOTES:

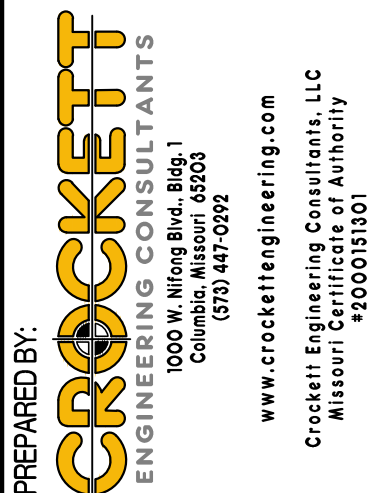
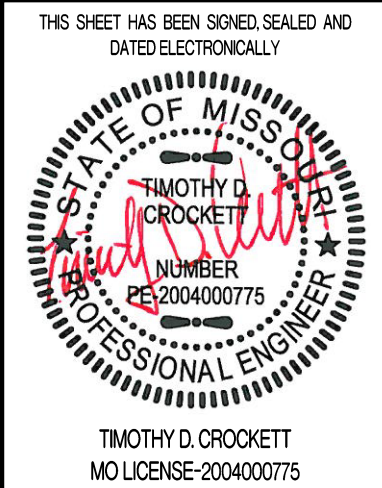
- 1) AFTER EXCAVATION OF EXISTING SOIL TO THE PROPER ELEVATIONS REQUIRED, THE NEW SUBGRADE WILL BE SHAPED AND COMPACTED TO DESIGNED DENSITY WITH A 0.5% SLOPE TO ALLOW FOR DRAINAGE TO DRAIN PIPES.
- 2) A GEOTEXTILE FABRIC WILL BE PLACED OVER THE SUBGRADE, AND COMPOSITE DRAINS WILL BE INSTALLED AT 20 FEET ON CENTER AT A 45 DEGREE ANGLE TO THE FIELD (HERRINGBONE DESIGN).
- 4) THE COMPOSITE DRAINS WILL DRAIN TO A PERIMETER COLLECTOR (REFER TO PLANS FOR SIZE) WHICH WILL BE CONNECTED TO THE PROPOSED DRAINAGE SYSTEM.
- 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.

EXISTING UTILITY NOTE:

EXISTING UTILITIES ARE SHOWN BASED ON PREVIOUS DESIGN PLANS, FIELD LOCATES, MAPPING AND FIELD EVIDENCE. ACTUAL FIELD LOCATIONS AND SIZE MAY VARY FROM WHAT IS REPRESENTED ON THESE PLANS. CONTRACTOR TO CONTACT UNIVERSITY REPRESENTATIVE IF CONFLICTS WITH EXISTING AND PROPOSED UTILITIES ARISE.

REVISIONS:

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COLUMBIA, MO 65211

MU PROJECT #CP252172
WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE
COLUMBIA BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

UTILITY PLAN

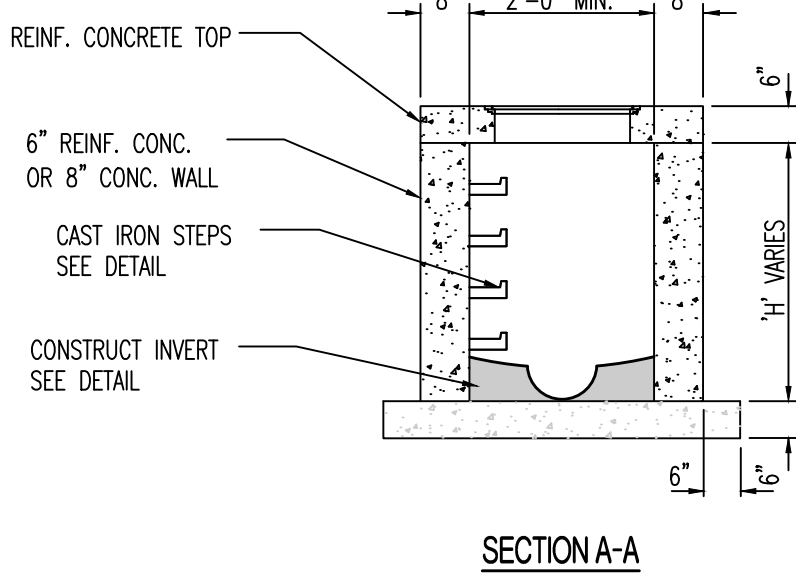
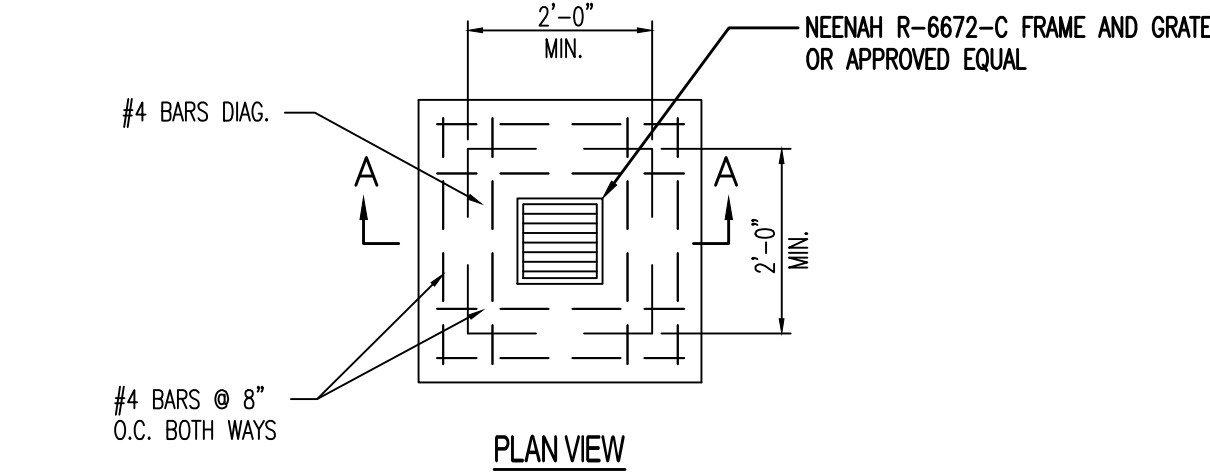
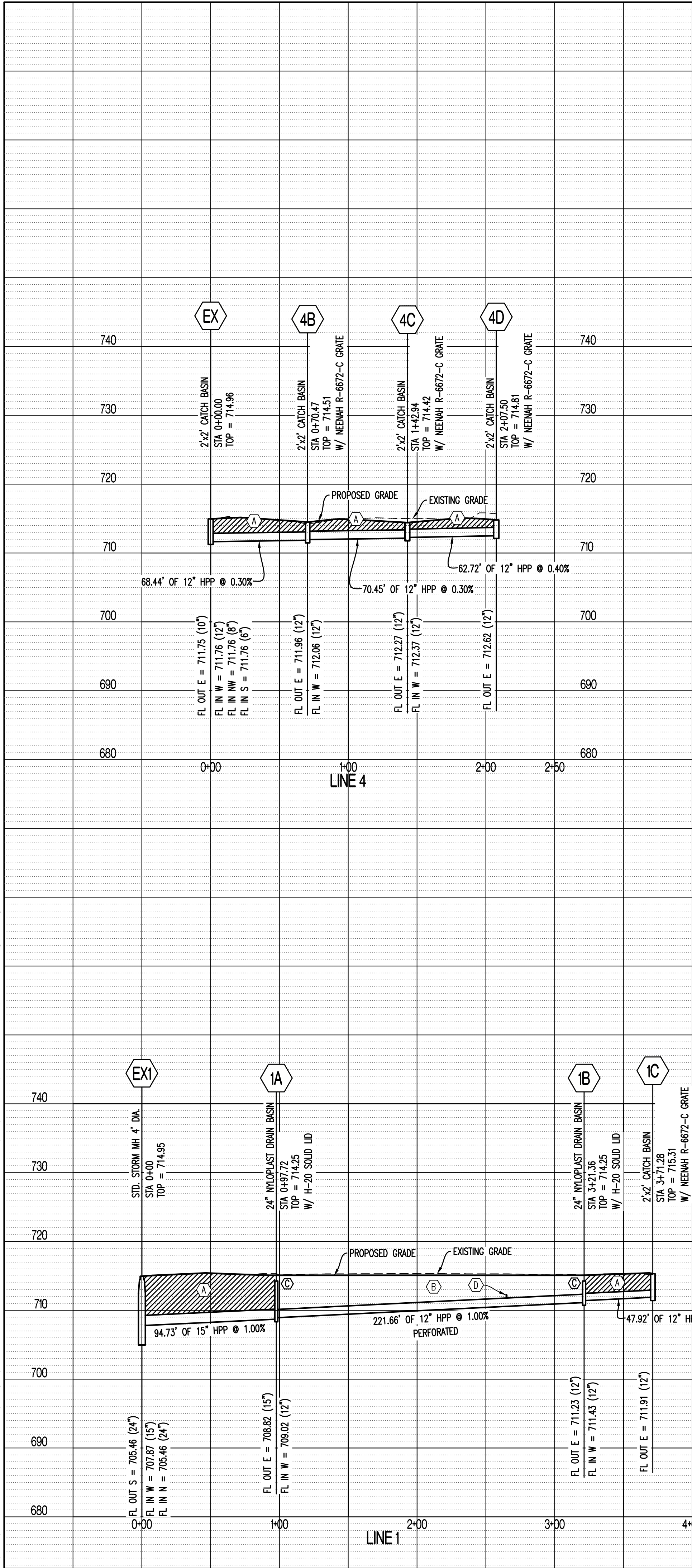
DESIGNED: TDC

DRAWN: JEE

PROJECT NO.: 230519

SHEET:
CE 4.0

Y:\2023\230519 - CP24\221 - Walton (Audrey J.) Track & Soccer Field Stadium - Soccer Field Renovation\Civil\ACAD Files\Construction Plans\230519_LoadingBase.dwg

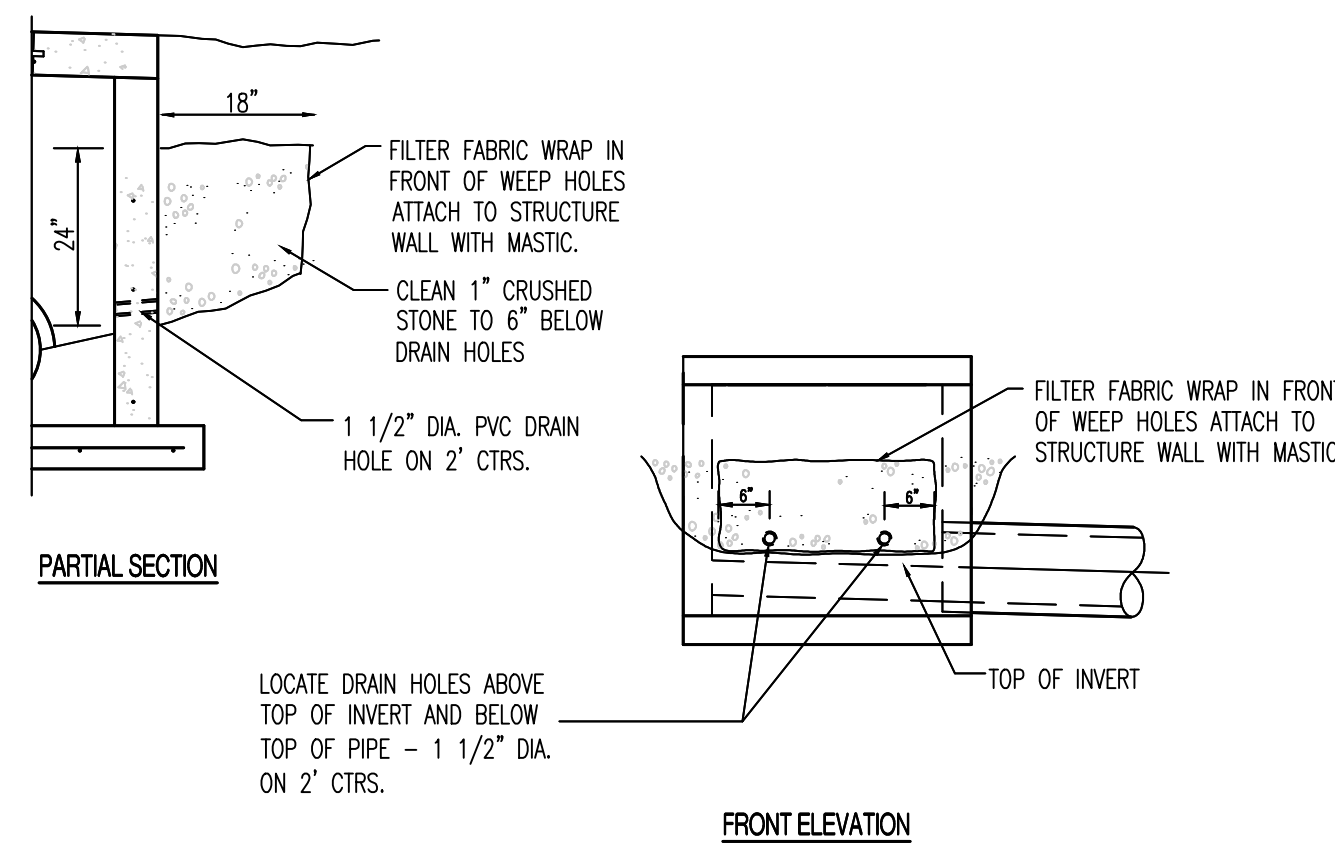
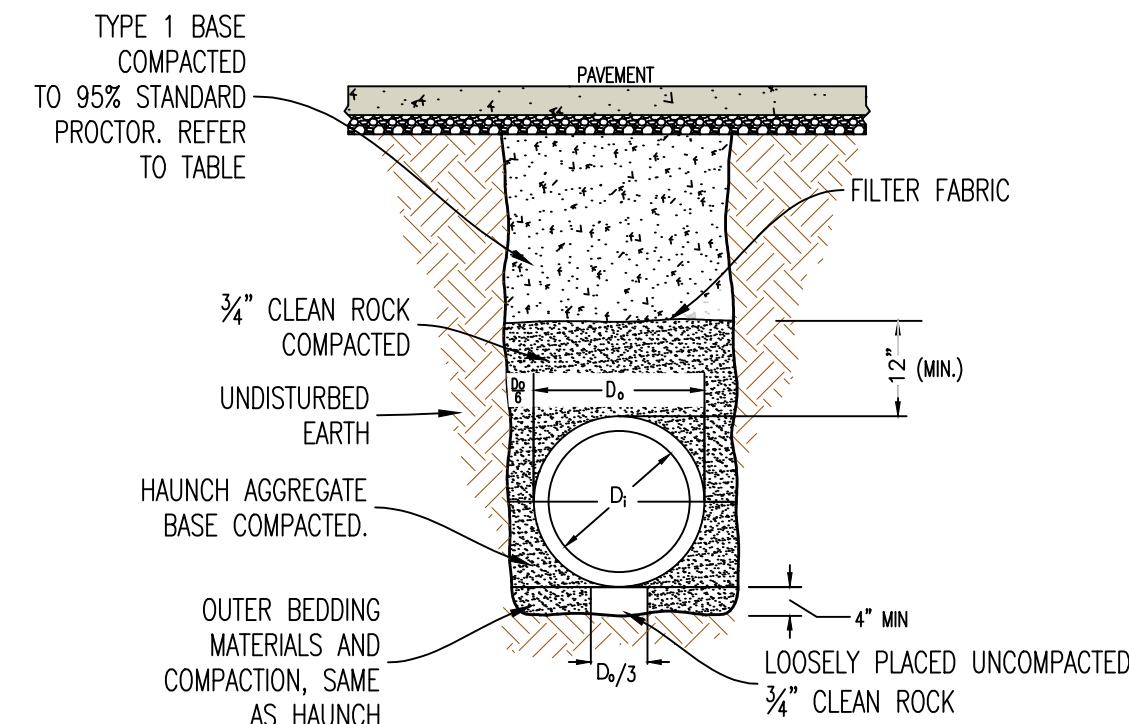


- NOTES:
1. CONCRETE SHALL BE CLASS E FOR BASES AND D FOR WALLS AND TOP.
 2. REINFORCING STEEL SHALL BE GRADE 60
 3. INSTALL WEEP HOLES AS PER DETAIL 500.04
 4. STRUCTURES WHERE H>8' SHALL BE REINFORCED CONCRETE (#4 BARS AT 12" CTRS, BOTH WAYS AND #4 BARS DIAGONAL AT PIPE OPENINGS)

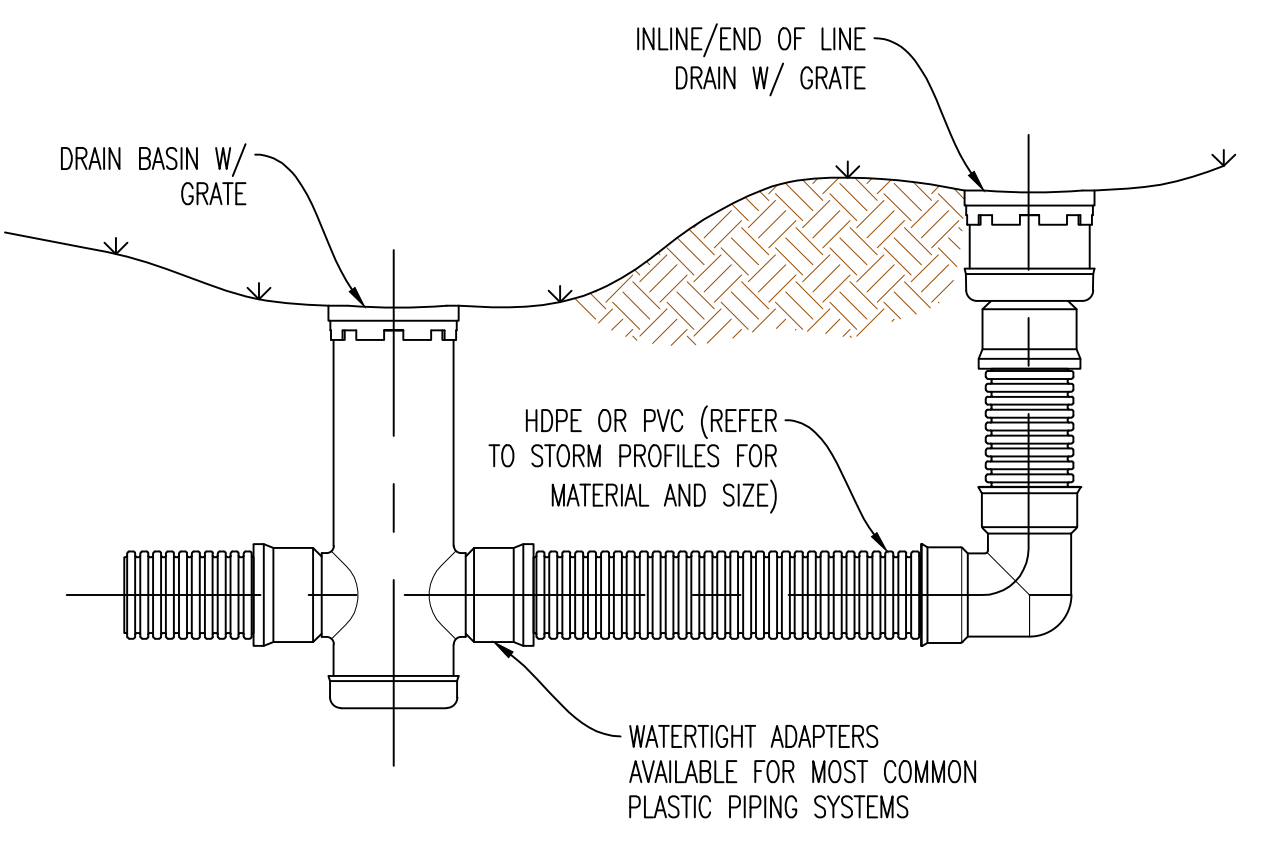
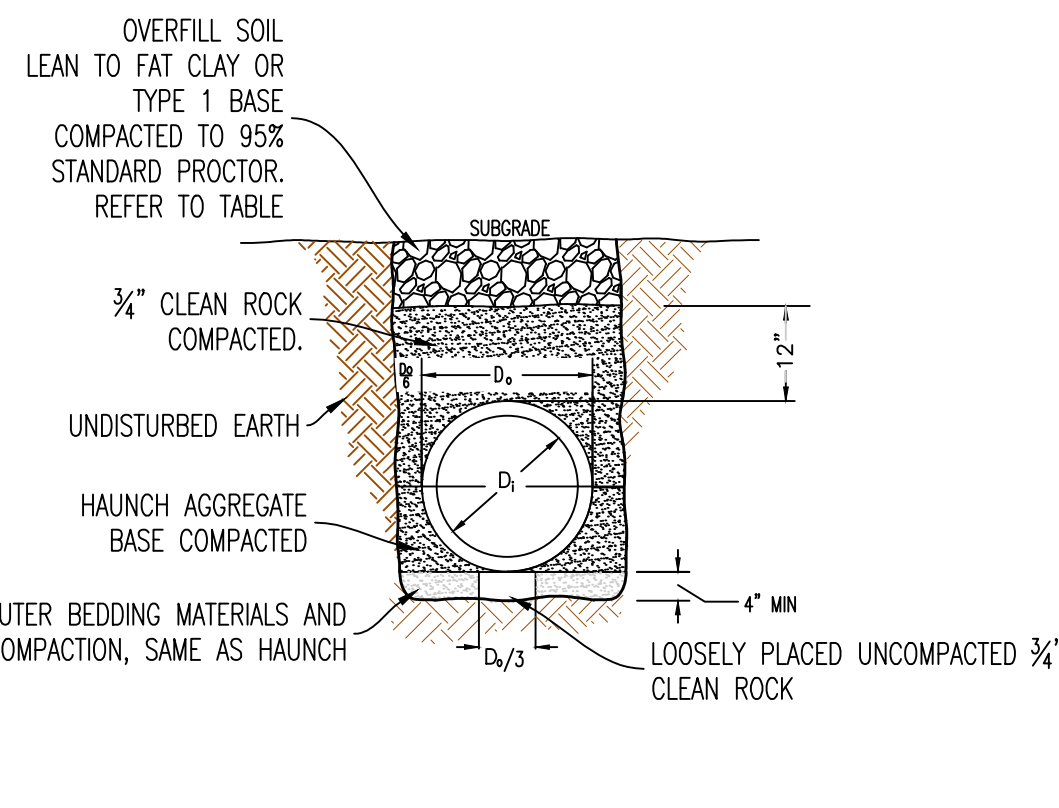
CATCH BASIN (OPEN AREA)

- LEGEND OF LABELS:
- (A) REFER TO PIPE EMBEDMENT DETAIL THIS SHEET
 - (B) COMPACTED EARTH FILL
 - (C) TOP ELEVATION OF STORM STRUCTURE IS SHOWN 10" BELOW TOP OF NATURAL GRASS.
 - (D) EXISTING UNDERGROUND ELECTRIC LINE. CONTRACTOR TO CONTRACT ENGINEERING IF CONFLICT ARISES. ADJUSTMENTS TO STORM SEWER OR ELECTRIC LINE MAY BE REQUIRED.

SCALE:
HORIZ 1" = 60'
VERT 1" = 10'



DRAINAGE STRUCTURE WEEP HOLES (500.04)



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MISSOURI LICENSE 200400075

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MU PROJECT #CP252172
WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

STORM SEWER
PROFILES AND DETAILS

DESIGNED:

TDC

DRAWN:

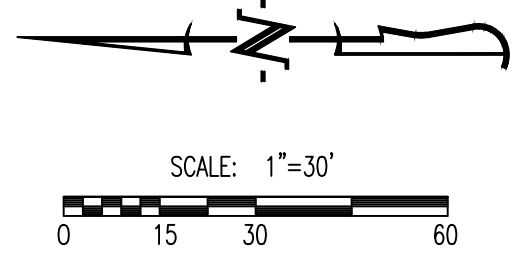
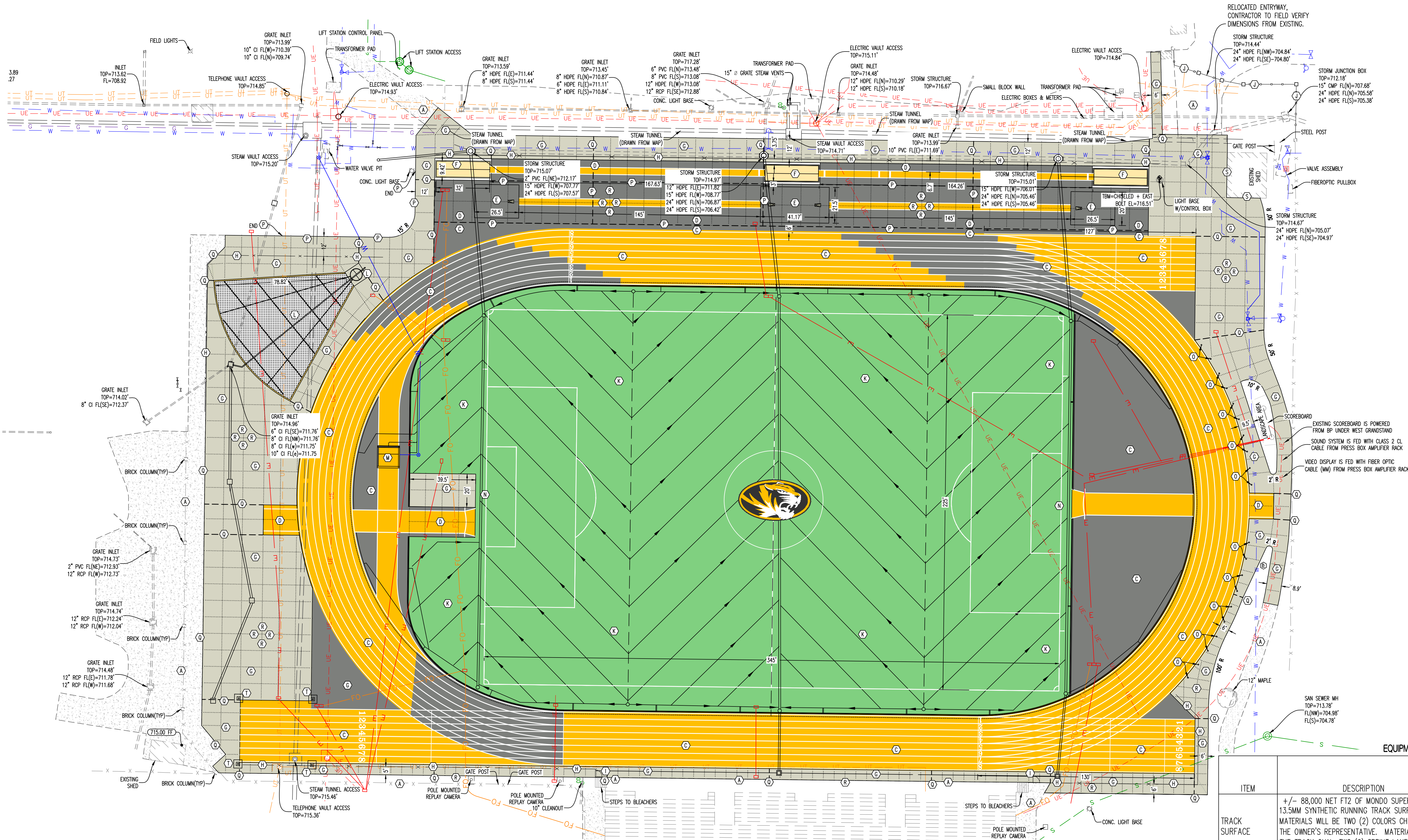
JEE

PROJECT NO.:

230519

SHEET:

CE 5.0



CONSTRUCTION NOTES:

A	CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DESTRUCTION OF FENCES, SIDEWALK, CURBS, UTILITIES, GRASS, BLEACHERS, ETC. REPAIR OF THESE ITEMS SHALL BE INCLUDED IN THE CONTRACTOR'S BID. ALL ITEMS SHALL BE REPAIRED TO EXISTING OR BETTER CONDITION PRIOR TO FINAL ACCEPTANCE.	G	INSTALL CONCRETE SIDEWALK PER PLAN DIMENSIONS. REFER TO DETAIL ON CE 7.0.	P	INSTALL THICKENED EDGE SIDEWALK. REFER TO DETAIL ON SHEET CE 7.0.
B	CONTRACTOR LAY DOWN AREA SHALL BE THE EXISTING SOFTBALL FIELD LOCATED TO THE SOUTHWEST OF THIS PROJECT. CONTRACTOR TO COORDINATE WITH UNIVERSITY IF ADDITIONAL LAY DOWN AREA IS NEEDED.	H	INSTALL NEW 4' TALL BLACK VINYL CHAIN LINK FENCE. REFER TO DETAILS ON CE 7.3.	Q	INSTALL 1/2" EXPANSION JOINT. REFER TO DETAIL ON SHEET CE 7.0. REFER TO SYNTHETIC RUNNING TRACK SURFACING SPECIFICATIONS FOR JOINTS UNDER TRACK SURFACE.
C	CONTRACTOR TO INSTALL OWNER SUPPLIED TRACK SURFACE (MONDO SUPER X720) ON ASPHALT PER SPECIFICATIONS AND MANUFACTURES RECOMMENDATIONS. REFER TO DETAILS ON CE 7.0.	I	INSTALL NEW 4' TALL, 4' WIDE, BLACK VINYL CHAIN LINK GATE. REFER TO DETAILS ON CE 7.3.	R	INSTALL 1" TYPE A EXPANSION JOINT OR TYPE A ALTERNATE EXPANSION JOINT. REFER TO DETAIL ON SHEET CE 7.0.
D	CONTRACTOR TO INSTALL OWNER SUPPLIED TRACK SURFACE (MONDO SUPER X720) ON CONCRETE PER SPECIFICATIONS AND MANUFACTURES RECOMMENDATIONS AS SHOWN ON DETAILS CE 7.0.	J	INSTALL NEW FACILITY ACCESS WITH NEW BRICK COLUMNS (REFER TO DETAIL ON CE 7.3) WROUGHT IRON FENCING AND GATES SHALL MATCH EXISTING.	S	INSTALL NEW SOCCER FIELD WITH DRAINAGE AND IRRIGATION. REFER TO PLANS INCLUDED IN THIS SET BY VSR DESIGN.
E	CONTRACTOR TO INSTALL CONCRETE POLE VAULT PAD PER PLAN DIMENSIONS WITH (4) VAULT BOXES (UCS MODEL #725-2596), COLOR YELLOW AND (4) BOX COVERS. CONTRACTOR TO ENSURE VAULT BOX IS INSTALLED AT THE CORRECT ELEVATION TO ACCOMMODATE TRACK SURFACE. REFER TO DETAILS ON CE 7.1.	K	INSTALL NEW SOCCER FIELD WITH DRAINAGE AND IRRIGATION. REFER TO PLANS INCLUDED IN THIS SET BY VSR DESIGN.	T	INSTALL 3/4" EXPANSION JOINT ADJACENT TO EXISTING BUILDING. REFER TO DETAIL ON SHEET CE 7.1.
F	CONTRACTOR TO INSTALL JUMP PIT. EACH PIT SHALL BE CONSTRUCTED WITH UCS ATHLETICS LJ/TJ PIT FORM, SAND CATCHER (UCS MODEL #519-3215). ONE PIT SHALL INCLUDE RECESSED ALUMINUM COVER. ALL PITS SHALL INCLUDE MESH PIT COVERS (UCS MODEL #519-1232). MONDO SURFACE SHALL BE INSTALLED ON ALUMINUM RECESSED COVER. ALL SAND IN JUMP PIT SHALL BE LONG JUMP/TRIPLE JUMP PIT SAND FROM WAUPACO SAND AND SOLUTIONS. REFER TO DETAILS ON CE 7.0.	L	INSTALL NEW SHOT PUT RING UCS MODEL #752-2592 AND THROWING AREA. REFER TO DETAILS ON SHEET CE 7.1. SHOT PUT LANDING AREA TO BE GAIL MATERIALS PRO GOLD PREMIUM SHOT PUT MIX (OR APPROVED EQUAL).	U	CONSTRUCT FOUNDATIONS FOR FUTURE PAVILION. REFER TO STRUCTURAL PLANS. TOP OF PLASTER ELEVATION SHALL BE 715.65.
		M	INSTALL STEEPLE CHASE JUMP PIT CONFORMING TO WORLD ATHLETICS DIMENSIONAL SPECIFICATIONS. INSTALL ADJUSTABLE WATER JUMP BARRIER (UCS MODEL #506-5413) WITH WATER JUMP BARRIER SEAL (UCS MODEL #506-5419). BARRIER SEAL SHALL BE CUSTOMIZED BY BEING BLACK WITH OVAL MIZOUO TIGER HEAD LOGO PLACED ON BOTH SIDES.	V	INSTALL SHOT PUT RING UCS MODEL #752-2592 AND THROWING AREA. REFER TO DETAILS ON SHEET CE 7.1. SHOT PUT LANDING AREA TO BE GAIL MATERIALS PRO GOLD PREMIUM SHOT PUT MIX (OR APPROVED EQUAL).
		N	PROVIDE NEW SOCCER GOALS. GOALS TO BE UCS PORTABLE 900-8024R2.	W	INSTALL STEEPLE CHASE JUMP PIT CONFORMING TO WORLD ATHLETICS DIMENSIONAL SPECIFICATIONS. INSTALL ADJUSTABLE WATER JUMP BARRIER (UCS MODEL #506-5413) WITH WATER JUMP BARRIER SEAL (UCS MODEL #506-5419). BARRIER SEAL SHALL BE CUSTOMIZED BY BEING BLACK WITH OVAL MIZOUO TIGER HEAD LOGO PLACED ON BOTH SIDES.
		O	CONTRACTOR TO INSTALL (20) - 1.5" PVC SLEEVES, 18" DEEP FOR FLAG POLES. CONTRACTOR TO PROVIDE RUBBER CAP FOR EACH SLEEVE. CONTRACTOR TO COORDINATE VERIFY FLAG POLE DIAMETER AND SLEEVE SIZE WITH MU PRIOR TO INSTALLATION.	X	INSTALL STEEPLE CHASE JUMP PIT CONFORMING TO WORLD ATHLETICS DIMENSIONAL SPECIFICATIONS. INSTALL ADJUSTABLE WATER JUMP BARRIER (UCS MODEL #506-5413) WITH WATER JUMP BARRIER SEAL (UCS MODEL #506-5419). BARRIER SEAL SHALL BE CUSTOMIZED BY BEING BLACK WITH OVAL MIZOUO TIGER HEAD LOGO PLACED ON BOTH SIDES.

NOTES:

- CONTRACTOR TO SUPPLY TRACK COLORS AND MARKINGS DIAGRAM FOR APPROVAL PRIOR TO TRACK INSTALLATIONS. MARKINGS SHALL CONFORM TO WORLD ATHLETICS FOR ALL TRACK AND FIELD MARKINGS. SOCCER FIELD STRIPING BY OWNER.
- CONTRACTOR TO PROVIDE GREEN JACKET PERMEABLE GROW-IN COVER FOR SOCCER FIELD. BLANKETS SHALL COVER 360'x240' OF SURFACE AREA. CONTRACTOR TO ALSO PROVIDE COVER MASTER ROLLER SYSTEM.
- LOCATIONS AND MATERIALS OF TAKE OFF BOARDS FOR LONG AND TRIPLE JUMPS SHALL MEET WORLD ATHLETIC SPECIFICATIONS.
- THE PAVEMENT EXPANSION AND CONSTRUCTION JOINTS SHOWN ARE A GRAPHICAL REPRESENTATION OF A POSSIBLE JOINT LAYOUT. CONTRACTOR TO PROVIDE SHOP DRAWINGS WITH JOINT LAYOUT FOR APPROVAL BY ENGINEER PRIOR TO POURING OF PAVEMENT.

EXISTING UTILITY NOTE:

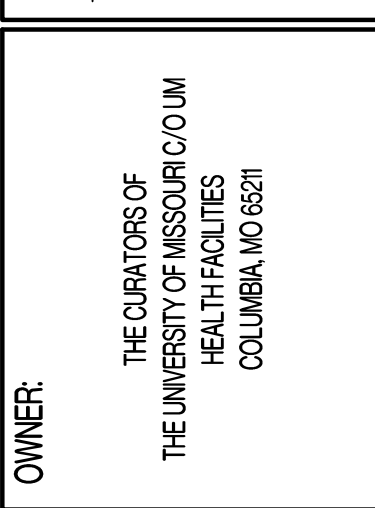
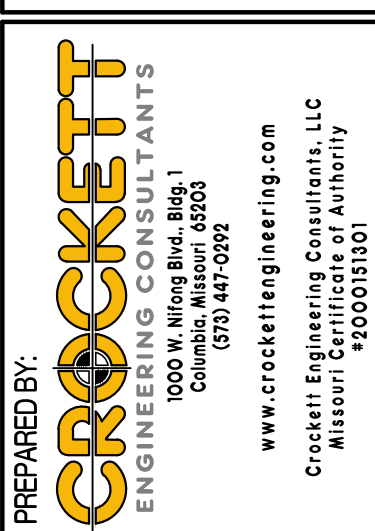
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EQUIPMENT & SUPPLY MATRIX

ITEM	DESCRIPTION	PROVIDED BY		INSTALLED BY	
		OWNER	CONTRACTOR	OWNER	CONTRACTOR
TRACK SURFACE	+/- 88,000 NET FT2 OF MONDO SUPER-X 720 13.5MM SYNTHETIC RUNNING TRACK SURFACE. MATERIALS WILL BE TWO (2) COLORS CHOSEN BY THE OWNER'S REPRESENTATIVE. MATERIAL INCLUDES THE TRACK OVAL, TWO (2) SPRINT LANE EXTENSIONS, ONE (1) D-ZONE, ONE (1) STEEPLECHASE AREA AND THREE (3) RUNWAY EVENT AREAS	X			X
TRACK RAILING	RAIL SYSTEM - MONDO 400M	X			X
VAULT BOX	UCS MODEL W/FORM SYSTEM: 725-2596 (YELLOW BOXES) (ALUMINUM) WITH BOX COVERS		X		X
JUMP PITS	UCS ATHLETICS LJ/TJ PIT FORM, SAND CATCHER WITH ALUMINUM COVER [RECESSED] MODEL #519-3215 WITH MESH PIT COVERS (FOR WORLD ATHLETICS RULE & STANDARD COMPLIANCE)		X		X
TAKE OFF BOARDS	UCS GRAND PRIX TAKE OFF BOARD SYSTEMS FOR ALL BOARDS (12) TOTAL.		X		X
SHOT PUT RING	UCS SPIRIT MODEL #752-2592		X		X
SOCCER GOAL	MANUFACTURE: UCS SPIRIT [GOALS TO BE UCS WORLD COMPETITION SOCCER GOALS] MODEL: PORTABLE 900-8024R2		X		X
STEEPLE CHASE	WATER JUMP BARRIER: MODEL #: 506-5413 & WATER JUMP BARRIER SEAL MODEL #: 506-5419		X		X
FIELD BLANKETS	GREEN JACKET PERMEABLE GROW-IN COVER BLANKETS WITH MASTER ROLLER SYSTEM.	X			X

REVISIONS:

NO.	DATE
BID SET	09/08/2025

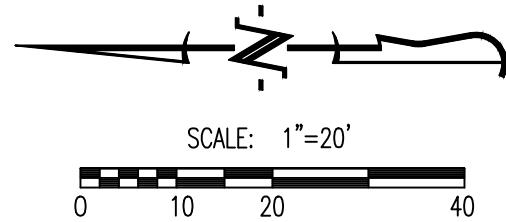
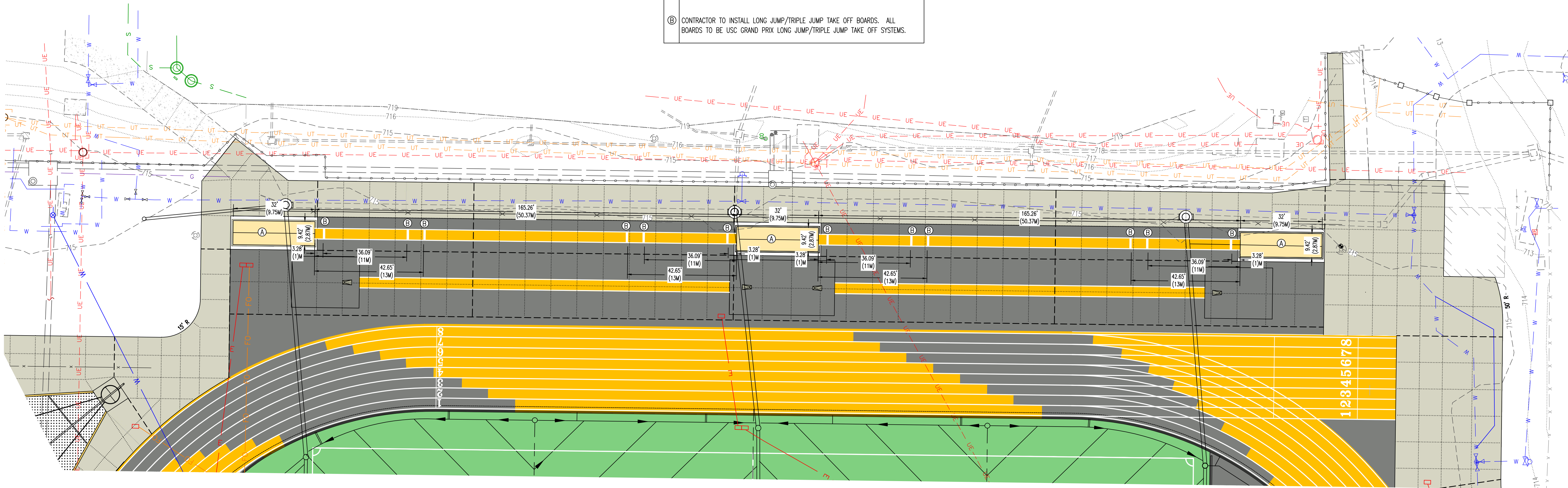


MU PROJECT #CP252172
WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE
COLUMBIA BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

SITE PLAN
DESIGNED: TDC
DRAWN: JEE
PROJECT NO: 230519
SHEET: CE 6.0

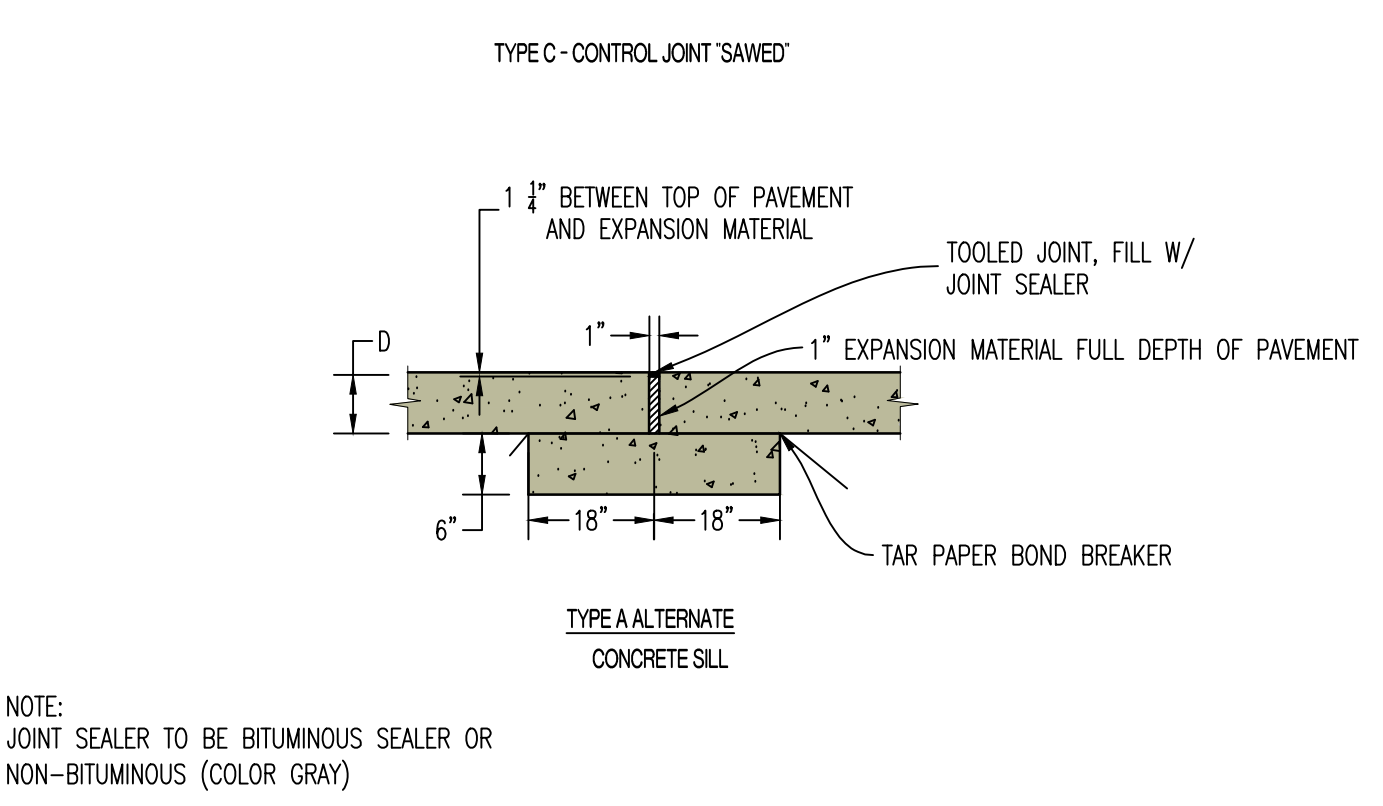
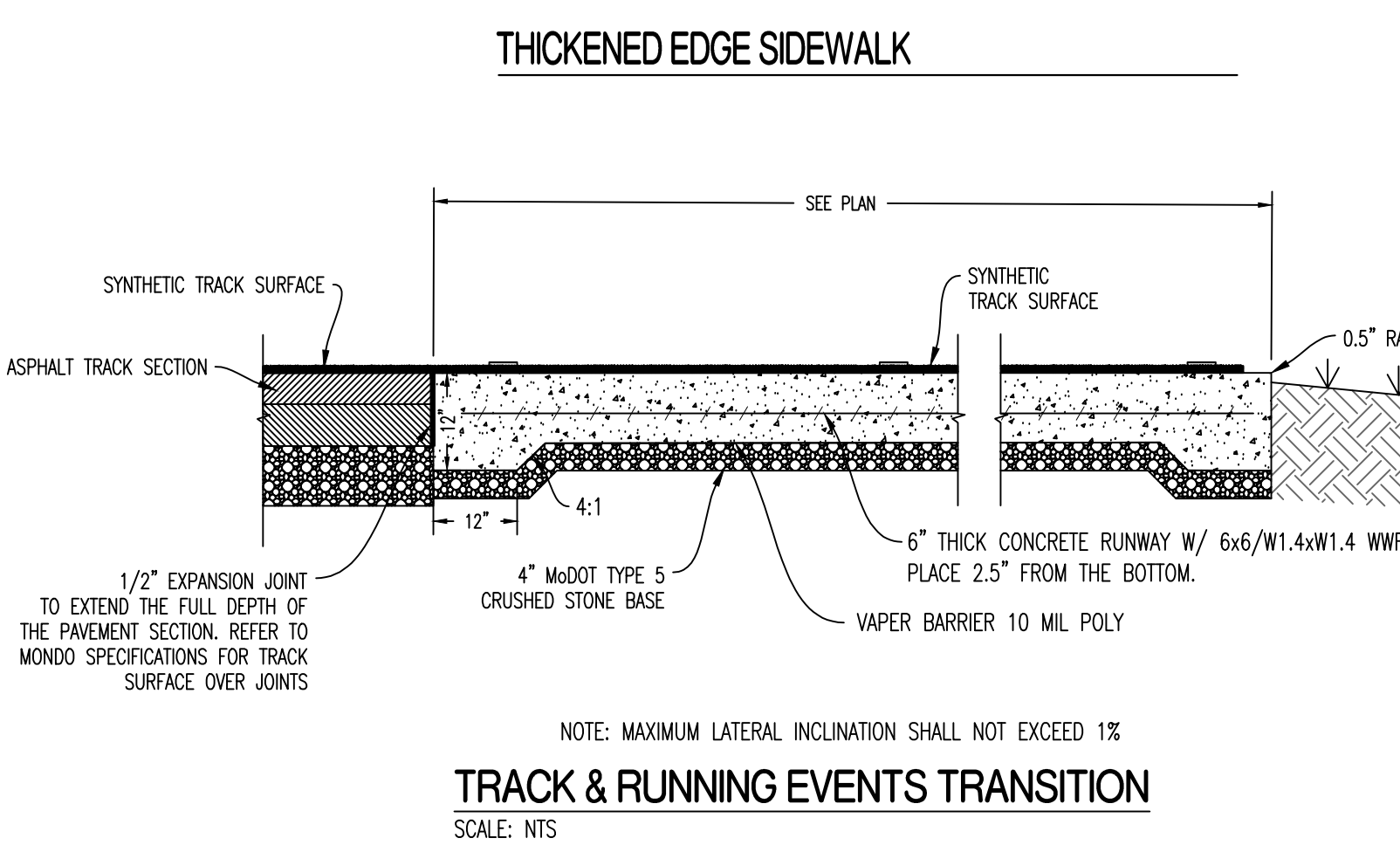
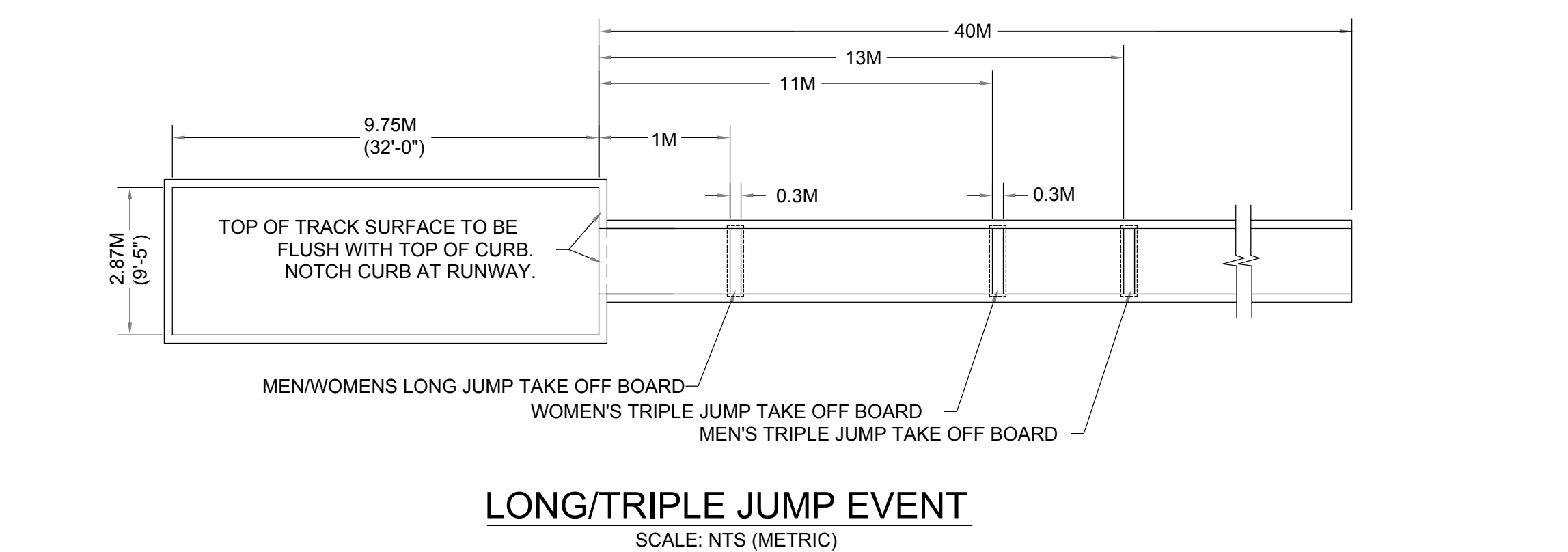
Y:\2023\230519 - CP24\221 - Walton (Audrey J.) Track & Soccer Field Stadium - Soccer Field Renovation\Civil\CAO Files\Construction Plans\230519_Site Base.dwg



- LEGEND OF LABELS**
- (A) CONTRACTOR TO INSTALL JUMP PIT. EACH PIT SHALL BE CONSTRUCTED WITH UCS ATHLETICS LJ/TJ PIT FORM, SAND CATCHER (UCS MODEL #519-3215). ONE PIT SHALL INCLUDE RECESSED ALUMINUM COVER. ALL PITS SHALL INCLUDE MESH PIT COVERS (UCS MODEL #519-1232). MONDO SURFACE SHALL BE INSTALLED ON ALUMINUM RECESSED COVER. ALL SAND IN JUMP IT SHALL BE LONG JUMP/TRIPLE JUMP PIT SAND FROM WAUPAGO SAND AND SOLUTIONS. REFER TO DETAILS ON CE 7.0.
- (B) CONTRACTOR TO INSTALL LONG JUMP/TRIPLE JUMP TAKE OFF BOARDS. ALL BOARDS TO BE USC GRAND PRIX LONG JUMP/TRIPLE JUMP TAKE OFF SYSTEMS.

NOTE:
LOCATIONS AND MATERIALS OF TAKE OFF BOARDS FOR LONG AND TRIPLE JUMPS SHALL MEET WORLD ATHLETIC SPECIFICATIONS.

REVISIONS:	
NO.	DATE
BID SET	09/08/2025
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY	
TIMOTHY D. CROCKETT MISSOURI LICENSE 200400075	
PREPARED BY: ENGINEERING CONSULTANTS 1000 W. Illinois Blvd., Suite 100 Columbia, Missouri 65203 (314) 447-0592 www.crockettengineering.com Missouri Certificate of Authority #00000001	
OWNER: THE CURATORS OF THE UNIVERSITY OF MISSOURI/COLUMBIA HEALTH SCIENCES COLUMBIA, MO 65211	
MU PROJECT #CP252172 WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE COLUMBIA, BOONE COUNTY, MISSOURI	
DRAWING INCLUDES: ENLARGED JUMPING EVENTS SITE PLAN	
DESIGNED:	TDC
DRAWN:	JEE
PROJECT NO.:	230519
SHEET:	CE 6.1



REVISIONS:	
NO.	DATE
BID SET	09/08/2025
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY	
	
TIMOTHY D. CROCKETT MO LICENSE 20004000775	
<div>PREPARED BY:</div> <div>CROCKETT ENGINEERING CONSULTANTS 1000 W. Illinois Blvd, Bldg. 1 Columbia, MO 65203 (573) 447-5292 www.crockettingeering.com Crockett Engineering Consultants, LLC Missouri Professional Engineering Authority #2000315101</div>	
OWNER:	THE CURATORS OF THE UNIVERSITY OF MISSOURI C/O UM HEALTH FACILITIES COLUMBIA, MO 65211
MU PROJECT #CP252172 WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE COLUMBIA, BOONE COUNTY, MISSOURI	
DRAWING INCLUDES: TRACK DETAILS	
DESIGNED:	TDC
DRAWN:	JEE
PROJECT NO.:	230519
SHEET:	CE 7.0

ALL TRACK AND FIELD EVENTS DIMENSIONS AND SPECIFICATIONS SHALL MEET WORLD ATHLETICS SPECIFICATIONS.

NO DATE

THIS SHEET HAS BEEN SIGNED SEALED AND

THIS SHEET HAS BEEN SIGNED, SEALED AND
DATED ELECTRONICALLY



THE CURATORS OF
THE UNIVERSITY OF MISSOURI C/O UM

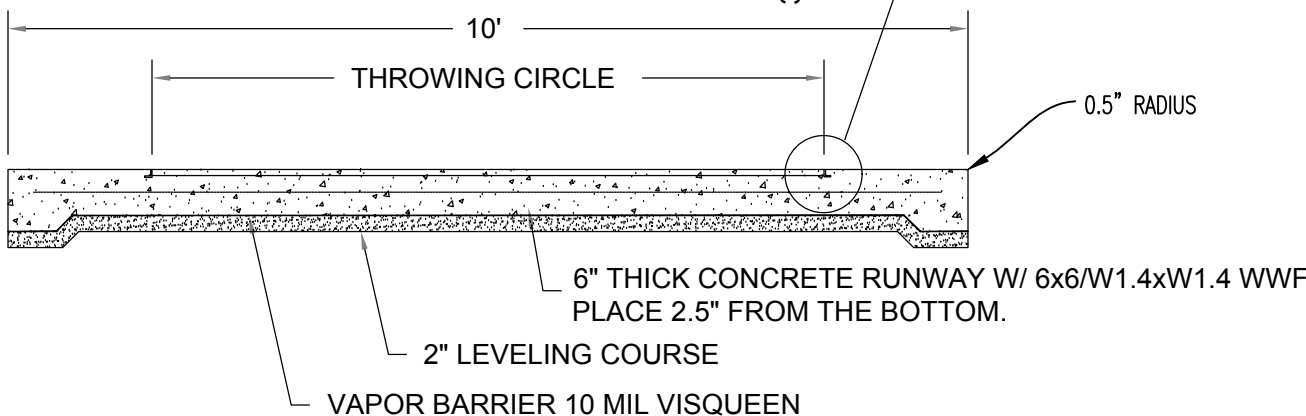
MU PROJECT #CP252172
WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE
COLUMBIA, BOONE COUNTY, MISSOURI

TRACK DETAIL
CONTINUED

DRAWN: JEE

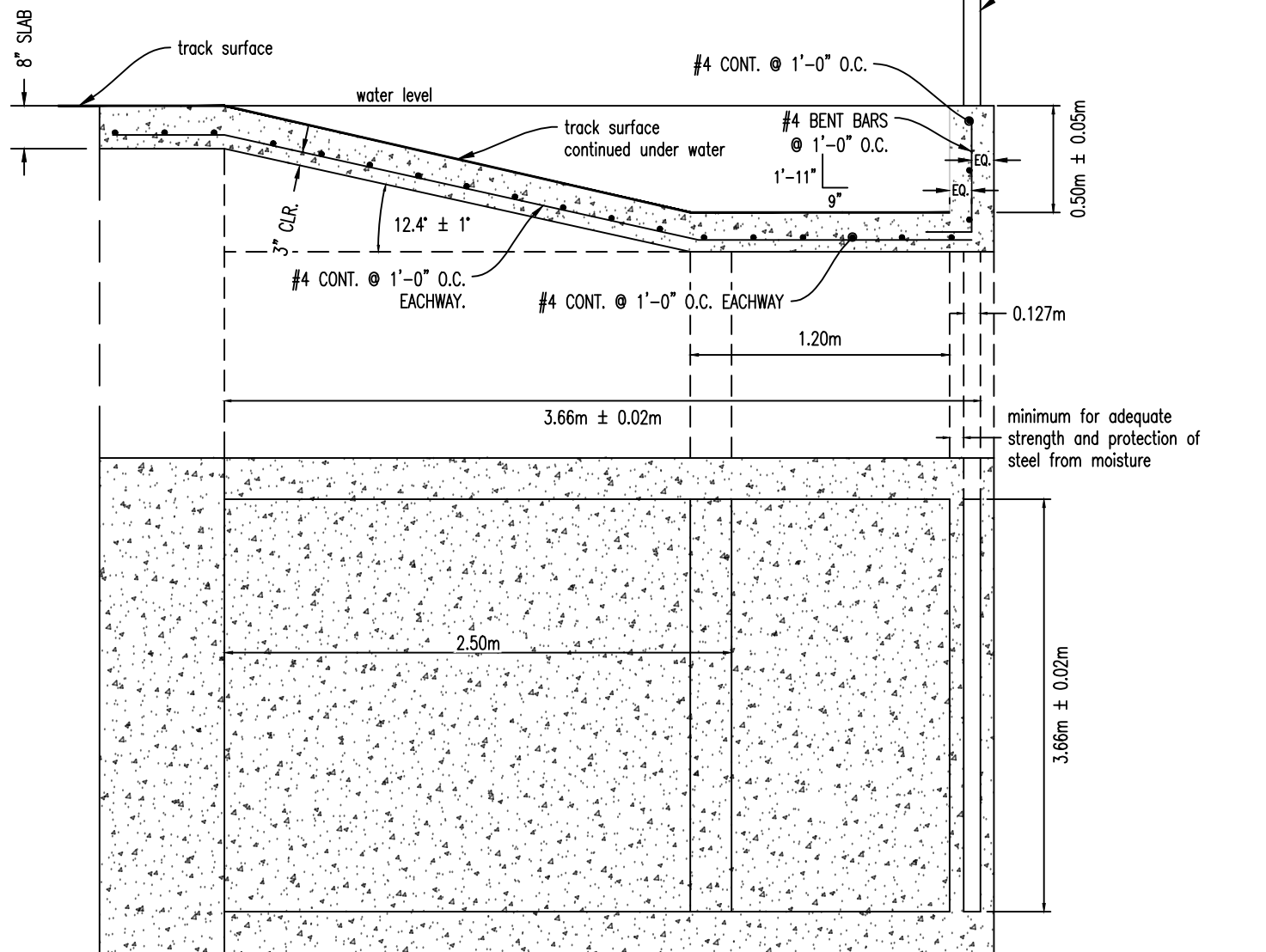
SHEET:

CE 7.1

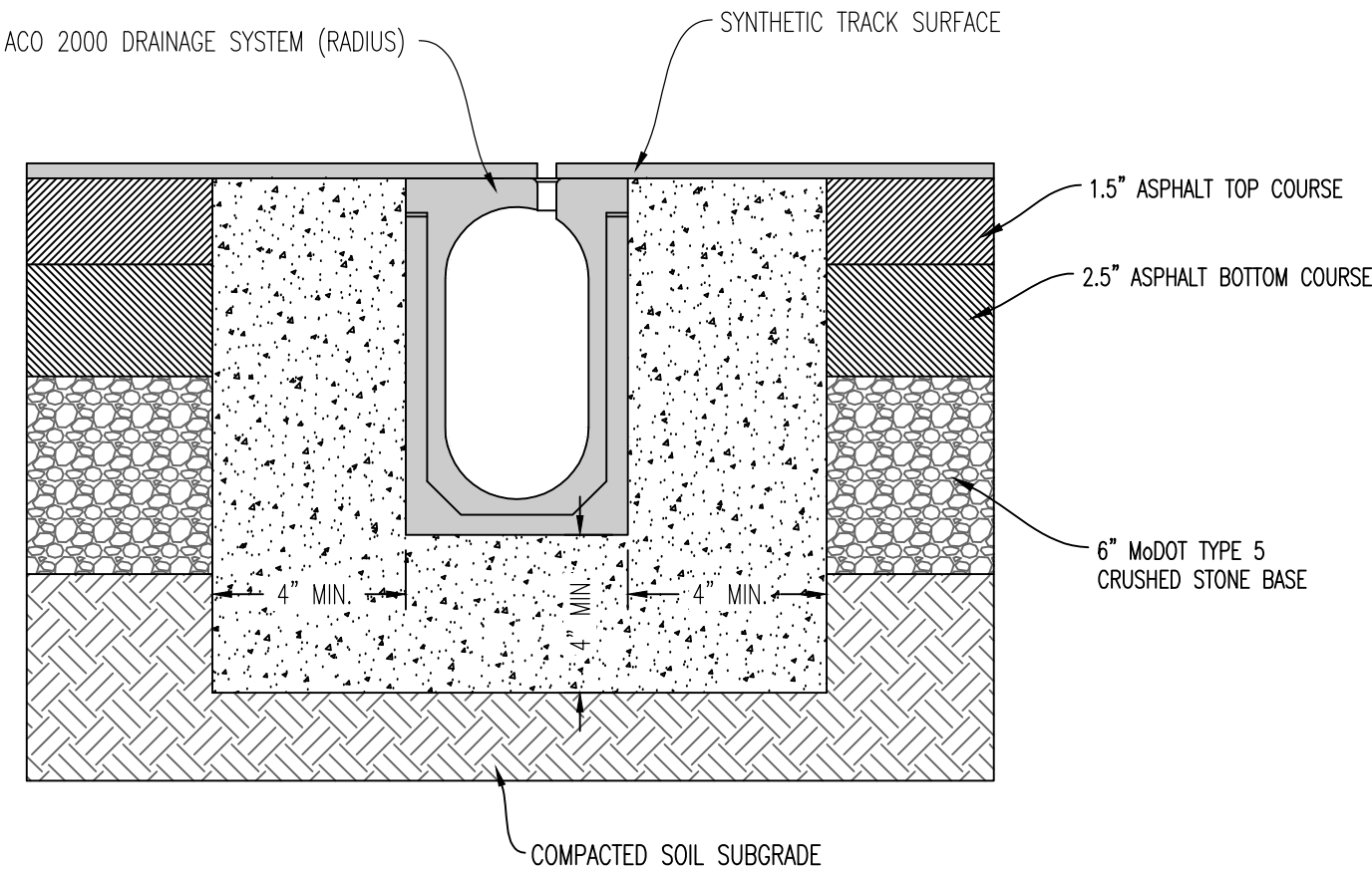


SCALE: 1/2" = 1'-0'

1. IT IS NECESSARY TO ENSURE MINIMUM DIMENSIONS SHOWN ARE SUITABLE FOR EXISTING GROUND CONDITIONS.
2. MINIMUM CONCRETE STRENGTH OF 4,000 PSI IS RECOMMENDED. CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS.
3. EXPANSION AND CONTRACTION CONTROL JOINTS AND REINFORCEMENT ARE RECOMMENDED TO PROTECT CHANNEL AND CONCRETE SURROUND.
4. REFER TO ACO'S LATEST INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.

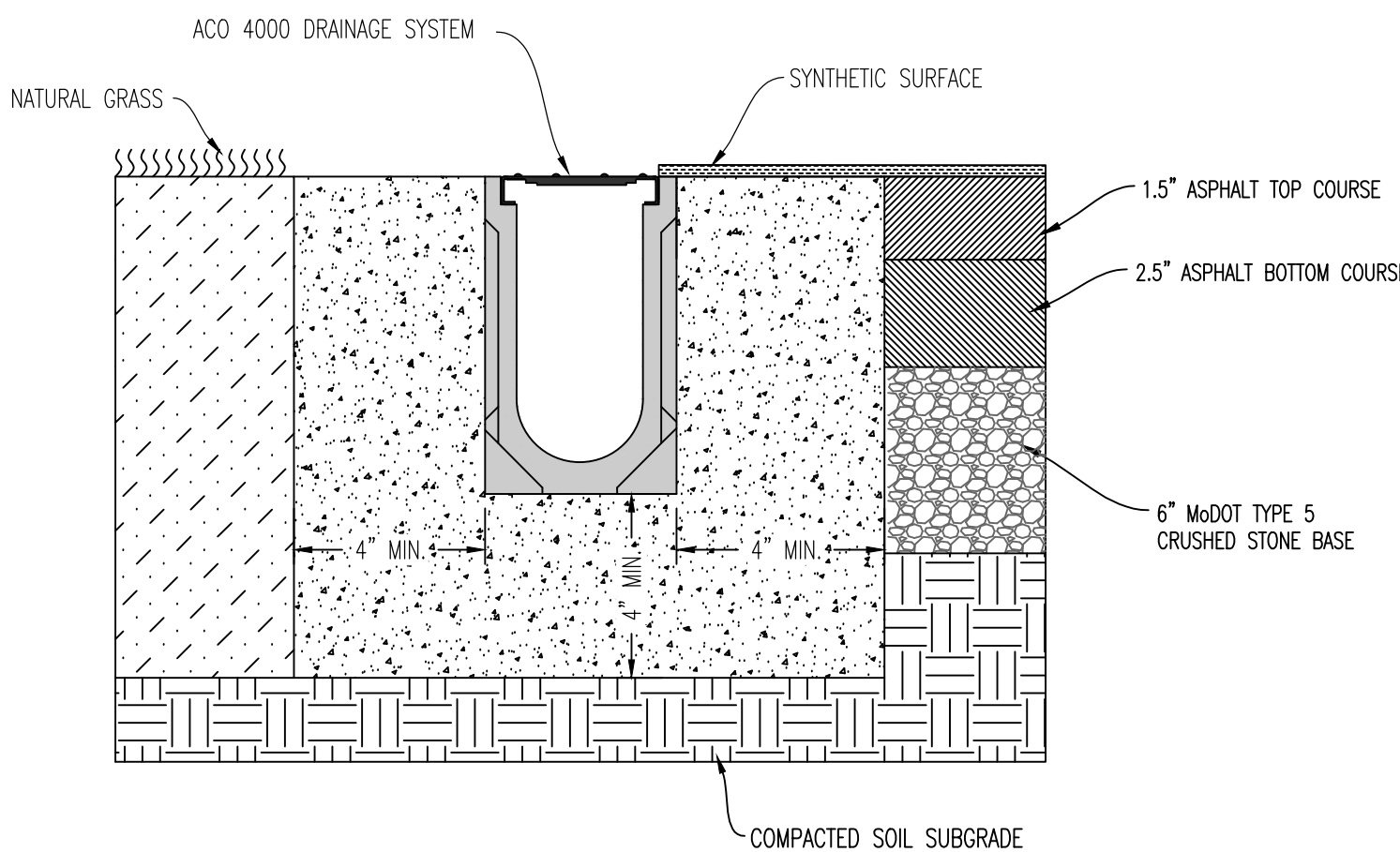


SCALE: NTS



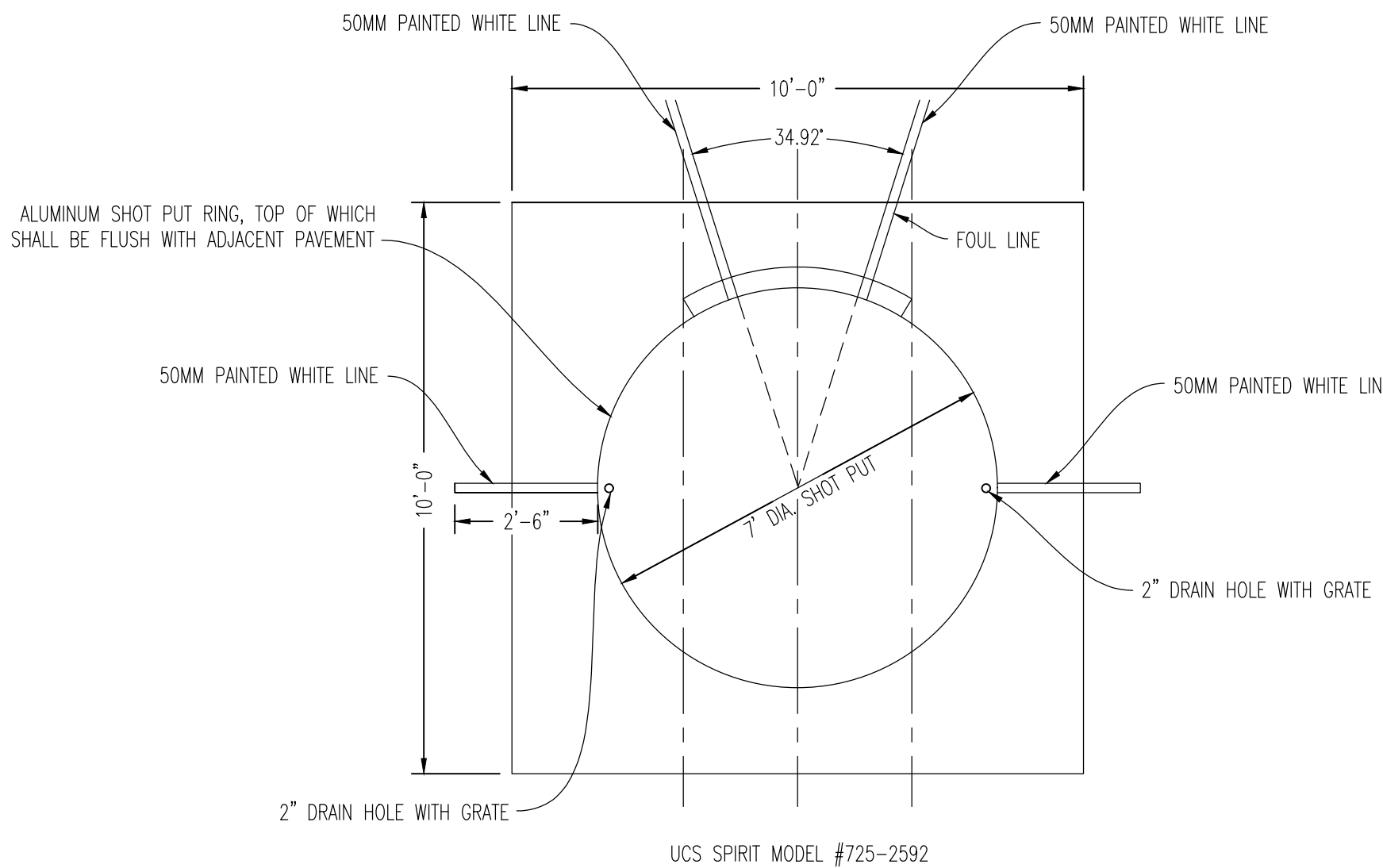
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4. REFER TO ACO'S LATEST INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.

SCALE: NTS

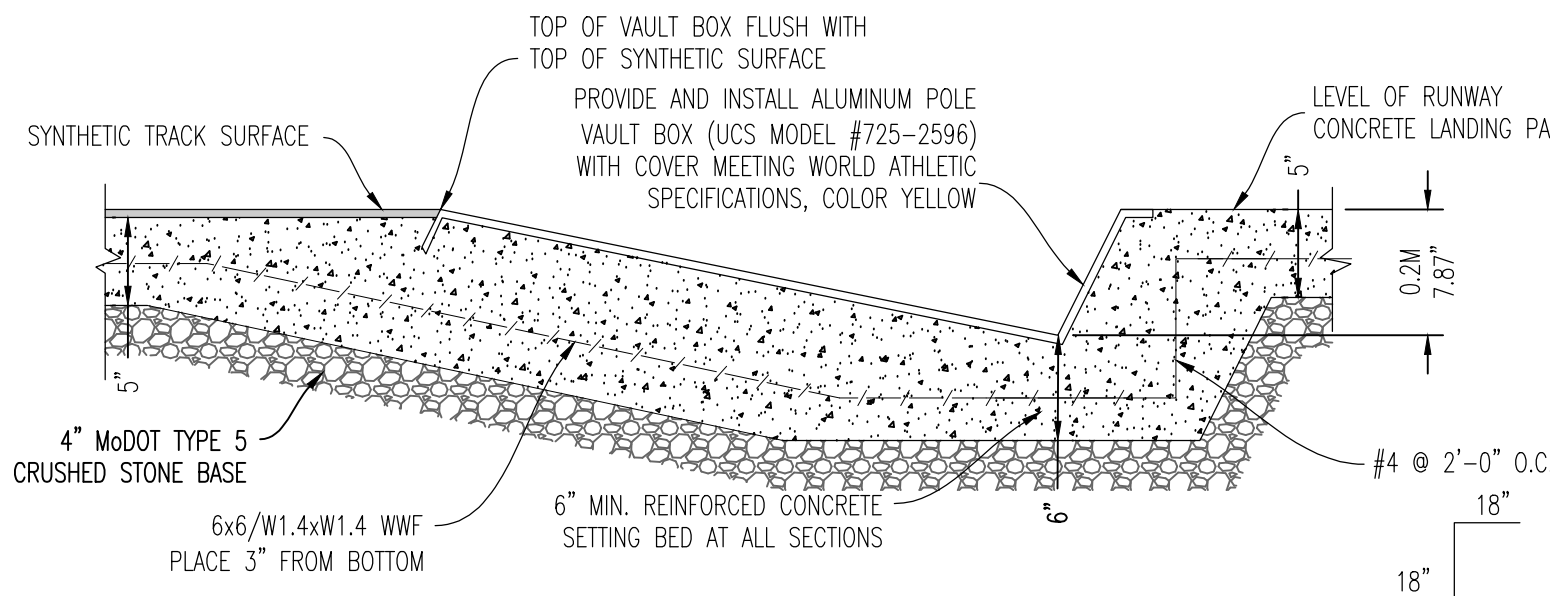


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2. MINIMUM CONCRETE STRENGTH OF 4,000 PSI IS RECOMMENDED. CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS.
3. EXPANSION AND CONTRACTION CONTROL JOINTS AND REINFORCEMENT ARE RECOMMENDED TO PROTECT CHANNEL AND CONCRETE SURROUND.
4. REFER TO ACC'S LATEST INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.

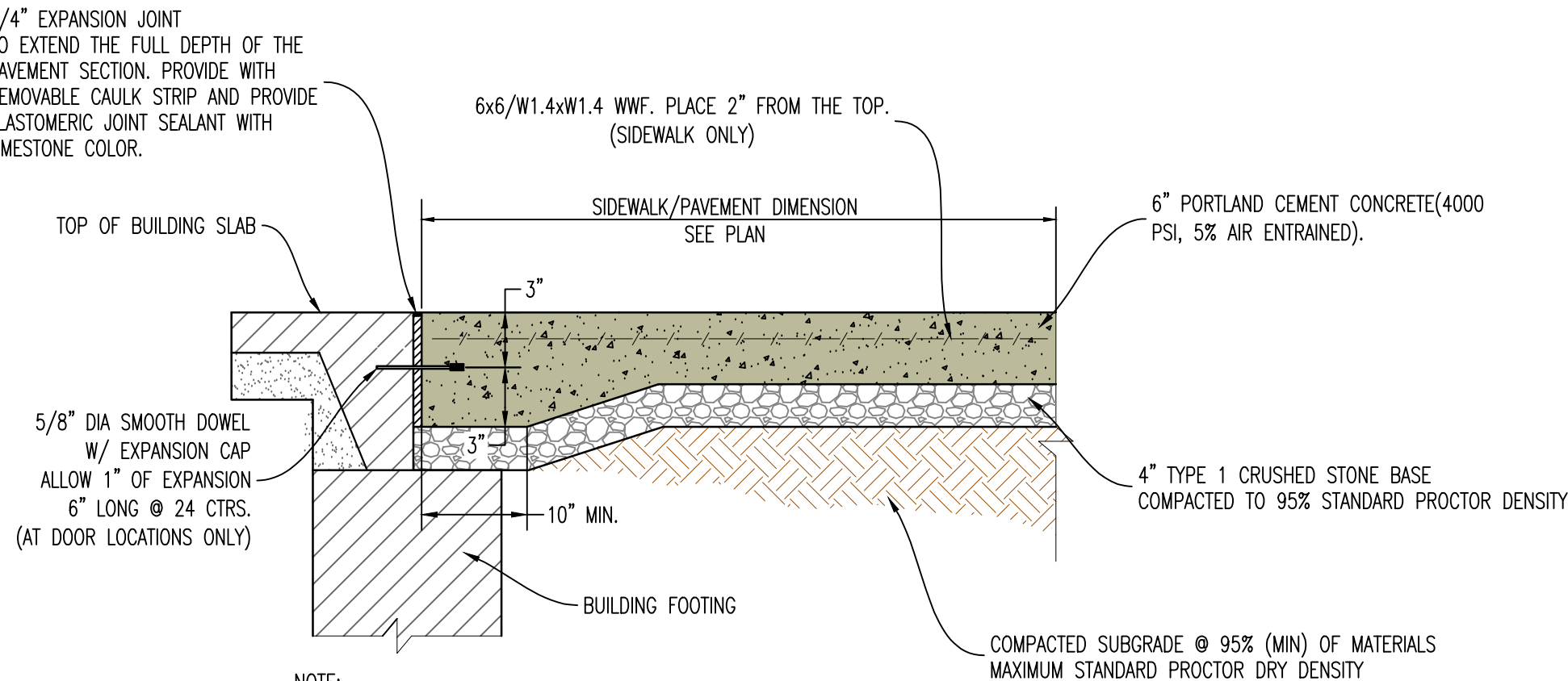
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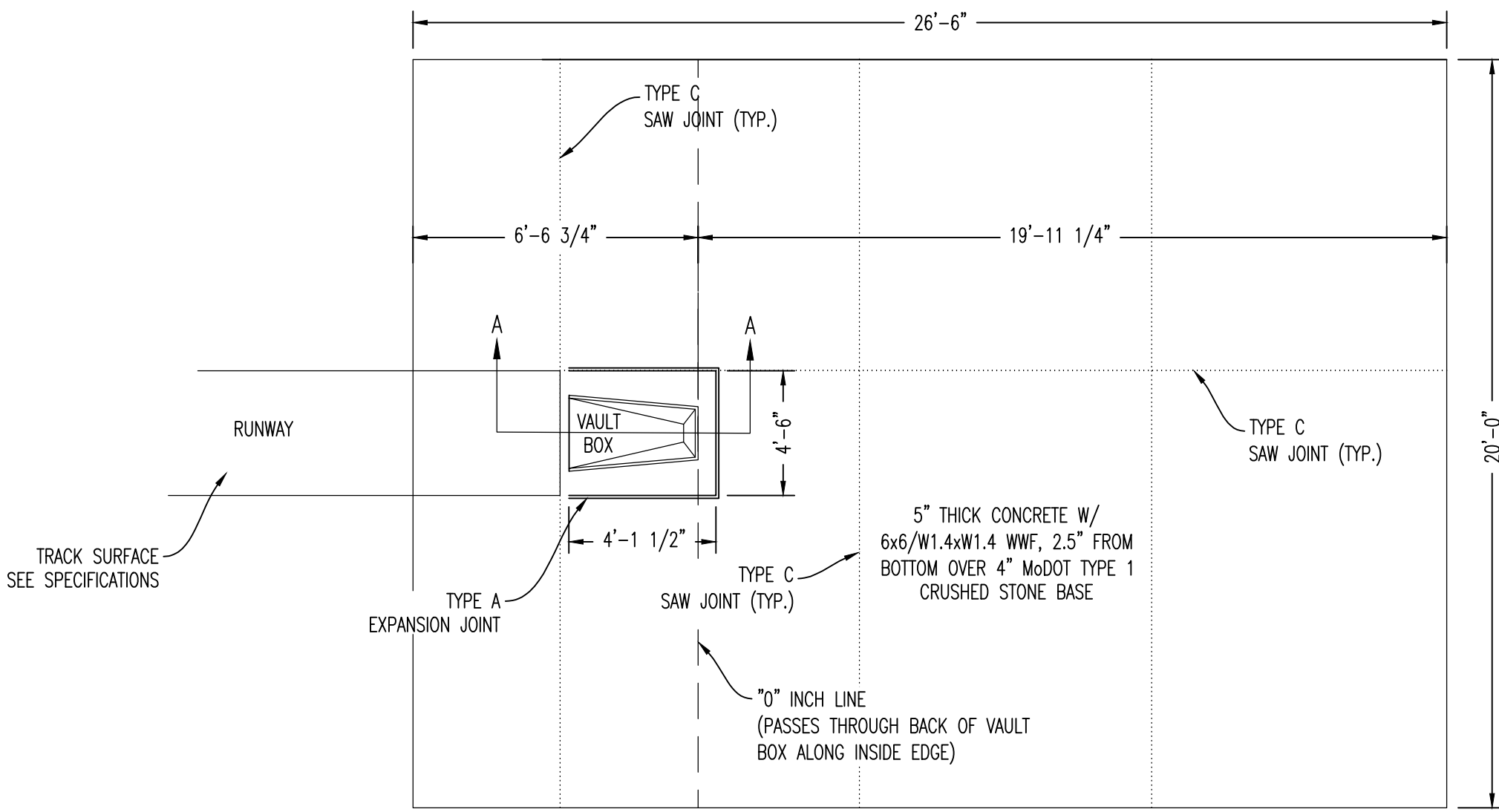


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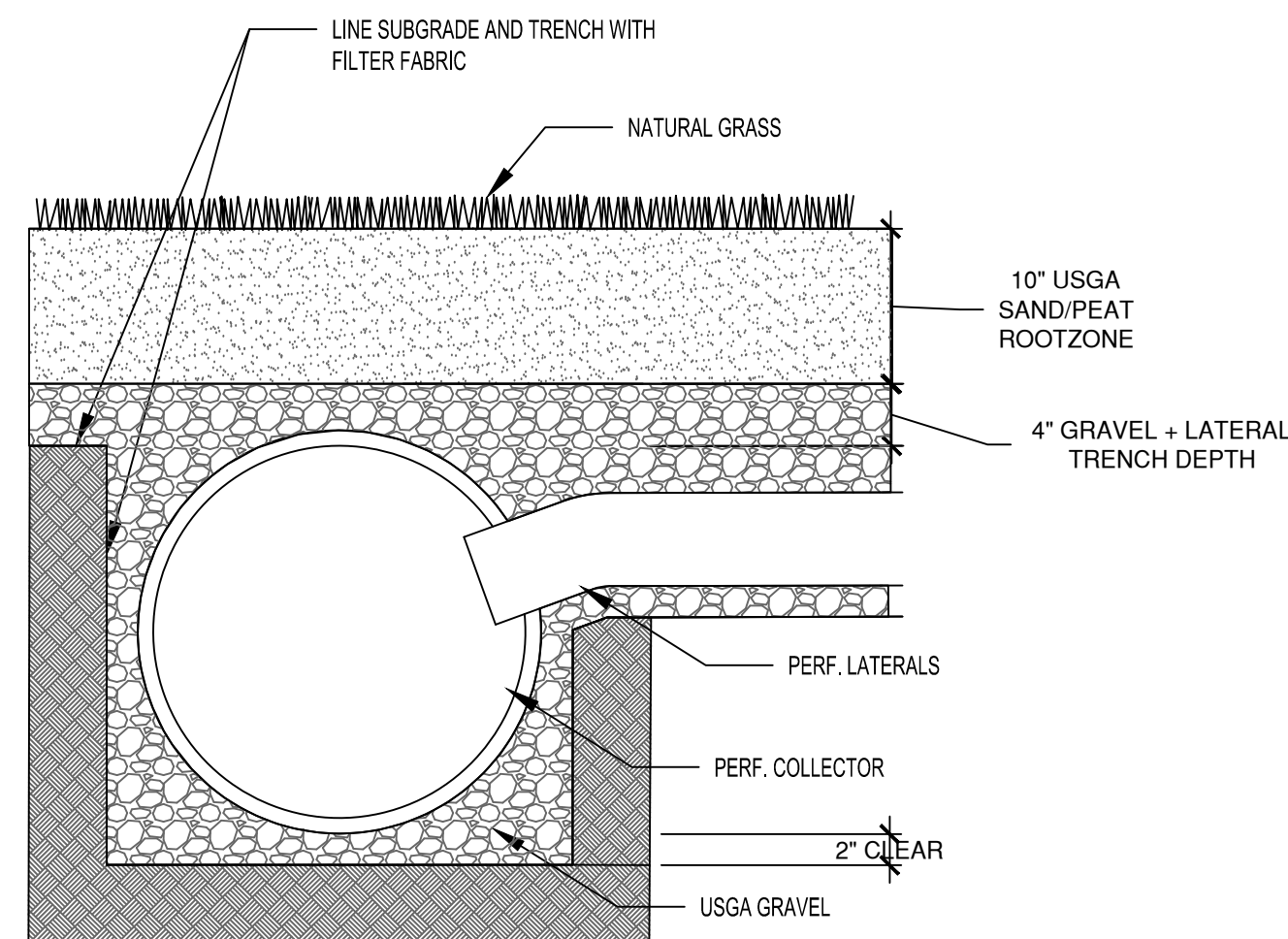
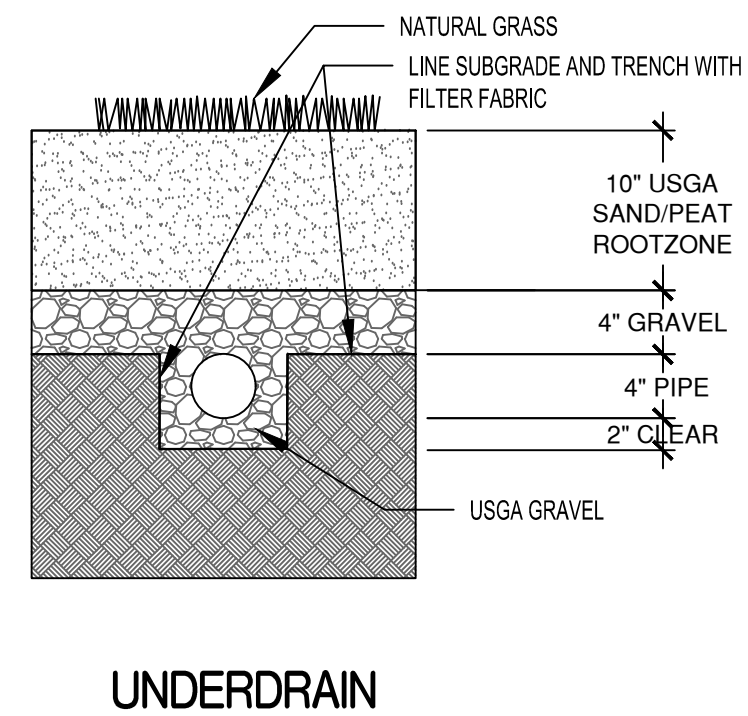
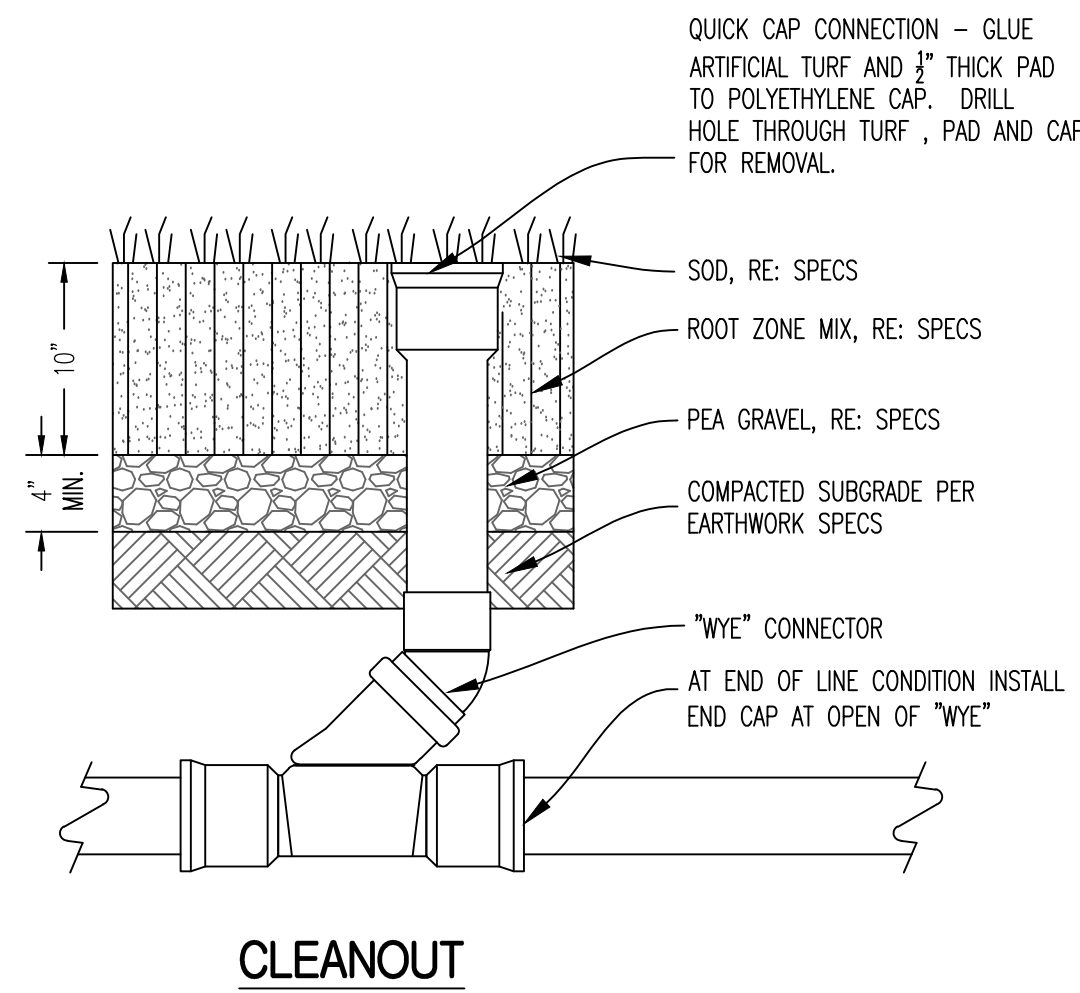
NOTE:
ALL LOW VOLUME CHANGE MATERIAL IN LOCATIONS OF
SIDEWALK/PAVEMENT PLACED NEXT TO BUILDING IS TO BE
REMOVED COMPLETELY AND REPLACED WITH TYPE 1 CRUSHED
STONE BASE COMPACTED TO 95% STANDARD PROCTOR DENSITY
PRIOR TO SIDEWALK/PAVEMENT INSTALLATION.

SIDEWALK/PAVEMENT ABUTTING BUILDING

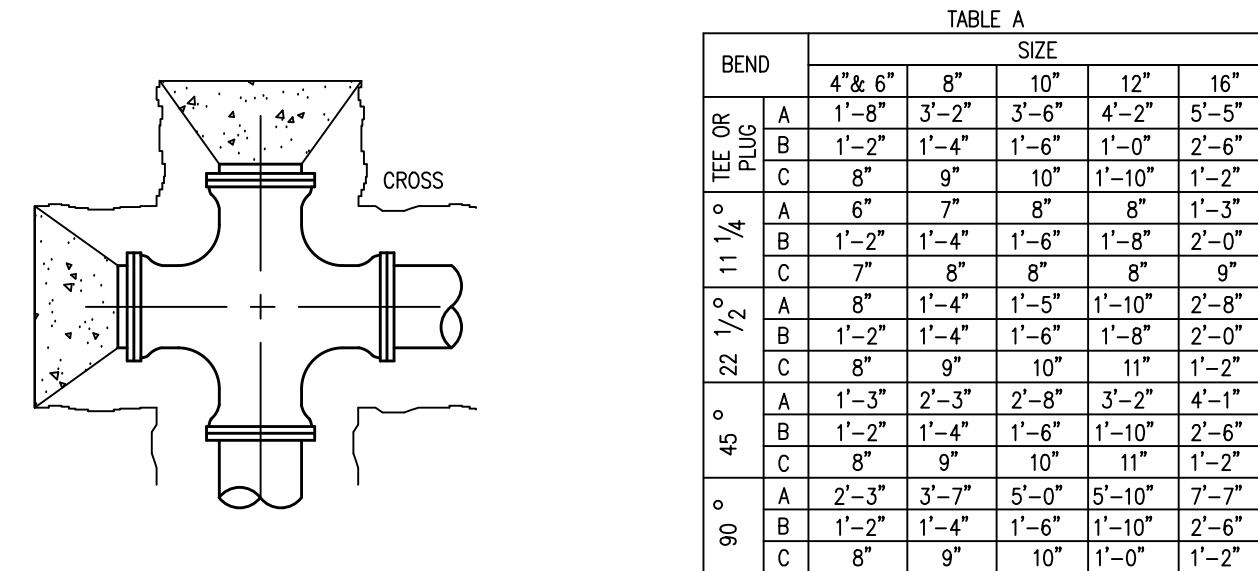
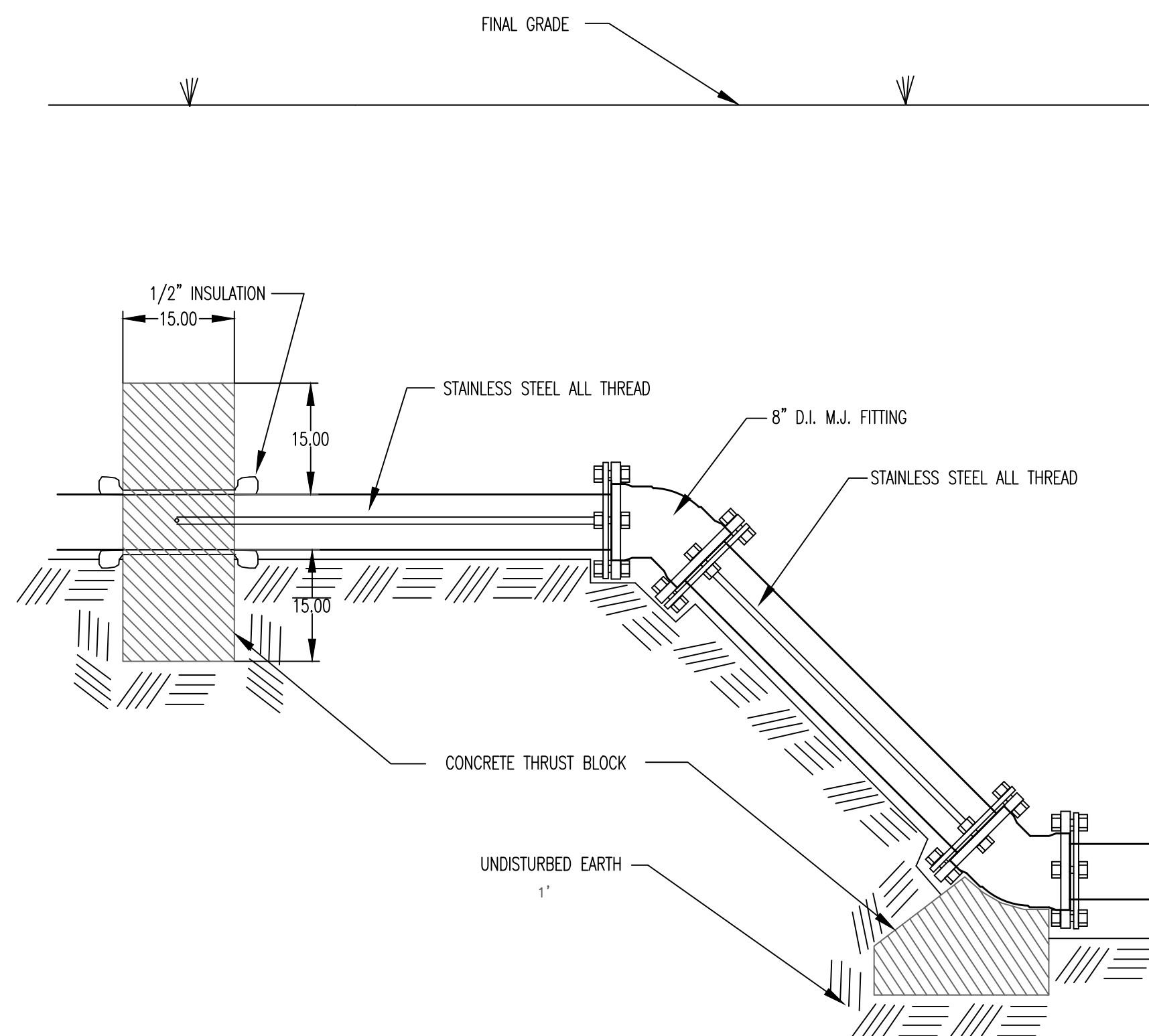


NOTE: PADS PROVIDED BY OWNER

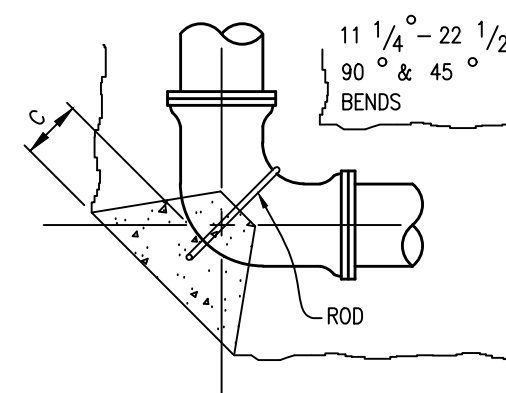
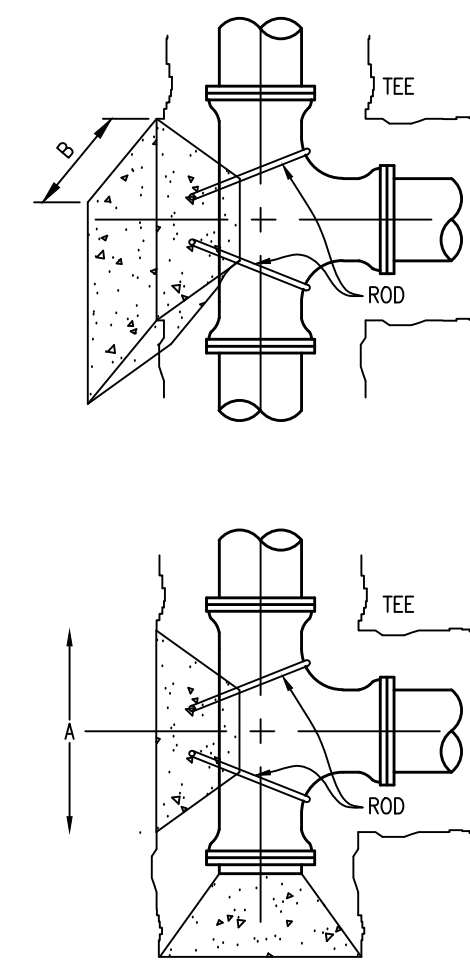
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- ### COLLECTOR PIPE



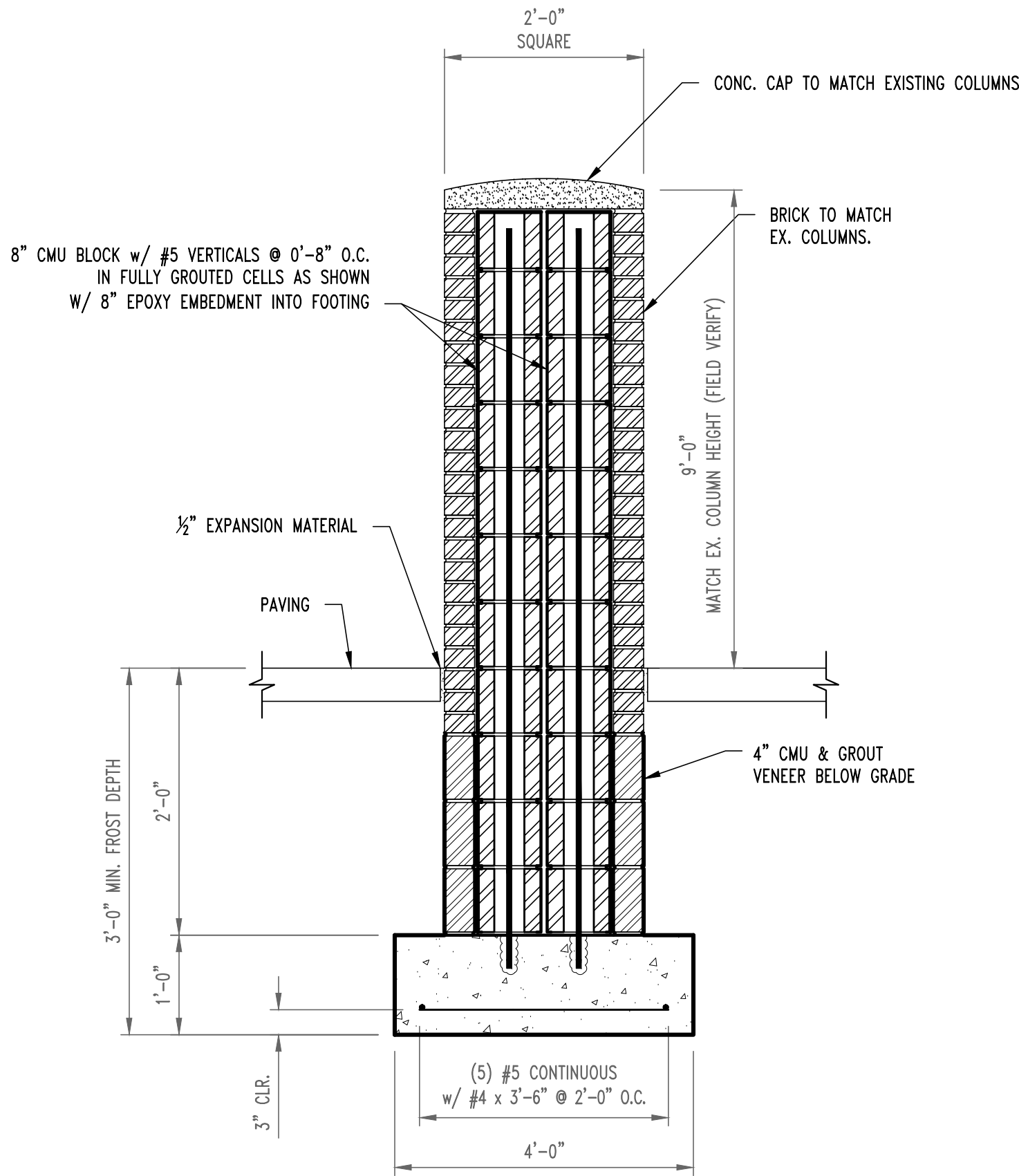
- NOTES:
1. ALL B&C DIMENSIONS TO BE AS REQUIRED TO REACH UNDISTURBED EARTH BUT NOT LESS THAN LISTED ON THRUST BLOCK TABLE.
 2. CAST-IN-PLACE CONCRETE SHALL BE IN ACCORDANCE WITH THE "CITY OF CLAY COUNTY" STANDARDS
 3. DIMENSIONS A, B, C, APPLY TO ALL BEND CONDITIONS SHOWN.
 4. INSTALL PLUGS AT ALL RUNS OR BRANCHES DISCONTINUED FOR FUTURE SERVICES.
 5. ALL BENDS, TEES, PLUGS, FITTINGS OR OTHER SIGNIFICANT CHANGES SHALL BE BRACED WITH POURED CONCRETE THRUST BLOCK AS SHOWN ON THIS DETAIL.
 6. ALL PLUGS SHALL BE SEPARATED FROM THE CONCRETE THRUST BLOCK BY A 5 MILL LAYER OF PLASTIC SHEETING.



HORIZONTAL THRUST BLOCK
NOT TO SCALE

REVISIONS:	
NO.	DATE
BID SET	09/08/2025
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY	
	
TIMOTHY D. CROCKETT MOLICENSE-2004000775	
<div style="display: flex; justify-content: space-between;"><div style="width: 45%;">PREPARED BY:  CROCKETT ENGINEERING CONSULTANTS 1000 W. Illinois Bldg., 1st Floor Columbia, MO 65201 Phone: 573.437.2962</div><div style="width: 45%; text-align: right;">www.crockettengineering.com Crockett Engineering Consultants, LLC Engineers and Architects at Large #2000193261</div></div>	
OWNER: <div style="display: flex; justify-content: space-around;"><div style="width: 45%;">THE CURATORS OF THE UNIVERSITY OF MISSOURI COLUMBIA HEALTH FACILITIES COLUMBIA, MO 65211</div><div style="width: 45%; text-align: right;">MU PROJECT #CP252172 WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE COLUMBIA, BOONE COUNTY, MISSOURI</div></div>	
DRAWING INCLUDES: SITE CONSTRUCTION DETAILS	
DESIGNED: TDC	
DRAWN: JEE	
PROJECT NO.: 230519	
SHEET: CE.7.2	

Y:\2023\230519 - CP24\221 - Walton (Audrey J.) Track & Soccer Field Stadium - Soccer Field Renovation\Civil\ACAD Files\Construction Plans\230519_Site Base.dwg



BRICK COLUMNS

MATERIALS

A. CHAIN LINK FABRIC

1. CHAIN-LINK FABRIC SHALL BE A 2-INCH MESH WOVEN FROM NO. 9 GAUGE ALUMINUM-COATED STEEL OR ALUMINUM-ZINC ALLOY-COATED STEEL CONFORMING TO ASTM A491 OR A783. THE FABRIC SHALL HAVE A HEIGHT OF 72 INCHES, 20-1/2 DIAMOND COUNT, WITH THE BOTTOM SELVAGE KNUCKLED AND THE TOP SELVAGE KNUCKLED. ALUMINUM-COATED STEEL FABRIC SHALL BE GIVEN A CLEAR ORGANIC COATING AFTER FABRICATION. ALUMINUM-ZINC ALLOY COATING ON THE STEEL FABRIC SHALL BE NOT LESS THAN 0.47 OUNCE PER SQUARE FOOT OF WIRE SURFACE. FABRIC TO THEN BE PVC COATED WITH 6 MIL TO 10 MIL THICKNESS AND THERMALLY FUSED TO ZINC-COATED STEEL CORE WIRE PER ASTM F686. COLOR TO BE BLACK.

B. FENCE FRAMEWORK

1. GENERAL: GALVANIZED STEEL, ASTM F1083 OR ASTM A123, WITH NOT LESS THAN 1.8 OUNCES OF ZINC PER SQUARE FOOT OF SURFACE, OR STEEL CONFORMING TO ASTM A569 EXTERNALLY TRIPLE-COATED WITH HOT-DIP GALVANIZING AT 1.0 OUNCE PER SQUARE FOOT, CHROMATIC CONVERSION COATING AND CLEAR ACRYLIC POLYURETHANE AND COATED INTERNALLY WITH ZINC-POSH COATING. ALL MEMBERS TO TO THEN BE PVC COATED WITH 10 MIL TO 15 MIL THICKNESS AND THERMALLY FUSED TO ZINC-COATED MEMBERS PER ASTM F686. COLOR TO BE BLACK.

2. FITTINGS AND ACCESSORIES: UNLESS OTHERWISE NOTED, ALL FENCE FITTINGS AND ACCESSORIES SHALL BE GALVANIZED ACCORDING TO ASTM A153, WITH ZINC WEIGHTS PER TABLE 1, THEN PVC COATED BLACK AS DESCRIBED ABOVE.

3. GATE POSTS: 2.875 INCHES O.D. AT 5.79 POUNDS PER FOOT.

4. END, CORNER, ANGLE OR PULL POST: 2.375 INCHES O.D. AT 3.65 POUNDS PER FOOT.

5. LINE POST AND GATE FRAME: 1.9 INCHES O.D. AT 2.72 POUNDS PER FOOT.

6. TOP & BOTTOM RAIL: 1.68 INCHES O.D. AT 2.27 POUNDS PER FOOT.

7. BRACES:

(A) HORIZONTAL BRACE: 1.68 INCHES O.D. AT 2.27 POUNDS PER FOOT.

(B) DIAGONAL BRACE: 3/8-INCH DIAMETER ROD EQUIPPED WITH ADJUSTABLE TIGHTENER.

8. BOLT DOWN FLANGES: PROVIDE BOLT DOWN FLANGE WHERE SHOWN ON PLANS. FLANGE SHALL HAVE A MINIMUM OF 4 BOLT HOLES EQUALLY SPACE AND NO CLOSER THAN 4" APART AS MEASURED FROM CENTER TO CENTER BOLT HOLE SPACING.

C. FASTENERS

THE CHAIN-LINK FABRIC SHALL BE SECURELY FASTENED TO ALL TERMINAL POSTS BY A 1/4" x 3/4" TENSION BARS WITH HEAVY 11-GAUGE PRESSED STEEL BANDS AT 14-INCH MAXIMUM SPACING, TO LINE POSTS WITH 9-GAUGE WIRE CLIPS AT 14-INCH MAXIMUM SPACING, TO THE TOP RAIL WITH 8-GAUGE TIE WIRES AT 24-INCH MAXIMUM SPACING AND TO THE BOTTOM TENSION WIRE USING 11-GAUGE GALVANIZED HOG RINGS AT A 24-INCH MAXIMUM SPACING. ALL FASTENERS TO BE PVC COATED BLACK AS DESCRIBED ABOVE.

D. POST TOPS:

THE POST TOPS SHALL BE DESIGNED AS A WEATHER-TIGHT CLOSURE CAP FOR THE TUBULAR POSTS.

E. PROTECTIVE ELECTRICAL GROUND

CONTINUOUS FENCE SHALL BE GROUNDED AT EACH CORNER POST AND AT INTERVALS NOT EXCEEDING 500 FEET, AS PER THE STANDARD DETAILS.

INSTALLATION

A. FENCE

1. FOLLOW GENERAL CONTOUR OF GROUND AND PROPERLY ALGN.

2. POSTS

(A) SET IN CONCRETE BASES AS INDICATED ON STANDARD DETAILS.

(B) TEMPORARILY BRACE UNTIL CONCRETE BASE HAS SET.

(C) INSTALL PLUMB AND IN STRAIGHT ALIGNMENT.

(D) INSTALL PULL POSTS EVERY 300 FEET IF NO CORNER POSTS ARE ENCOUNTERED IN THAT DISTANCE.

(E) INSTALL PULL POSTS AT CHANGES IN DIRECTION OF 30 DEGREES OR MORE.

(F) INSTALL CORNER POSTS AT CHANGES IN DIRECTION OF 30 DEGREES OR MORE.

(G) INSTALL PULL POSTS AT ALL ABRUPT CHANGES IN GRADE.

3. POST BRACING:

(A) INSTALL BRACES FOR EACH END, PULL AND GATE POST AND EACH SIDE OF EACH CORNER POST.

(B) INSTALL AFTER CONCRETE HAS SET.

(C) INSTALL SQ POSTS ARE PLUMB AND IN STRAIGHT ALIGNMENT WITH DIAGONAL BRACE IS UNDER TENSION.

4. TENSION WIRE:

(A) WEAVE THROUGH THE FABRIC AND TIE TO EACH POST WITH A MINIMUM 9-GAUGE GALVANIZED WIRE.

5. CHAIN-LINK FABRIC:

(A) STRETCH TAUT WITH EQUAL TENSION AND EACH SIDE OF POSTS.

6. STRETCHER BARS:

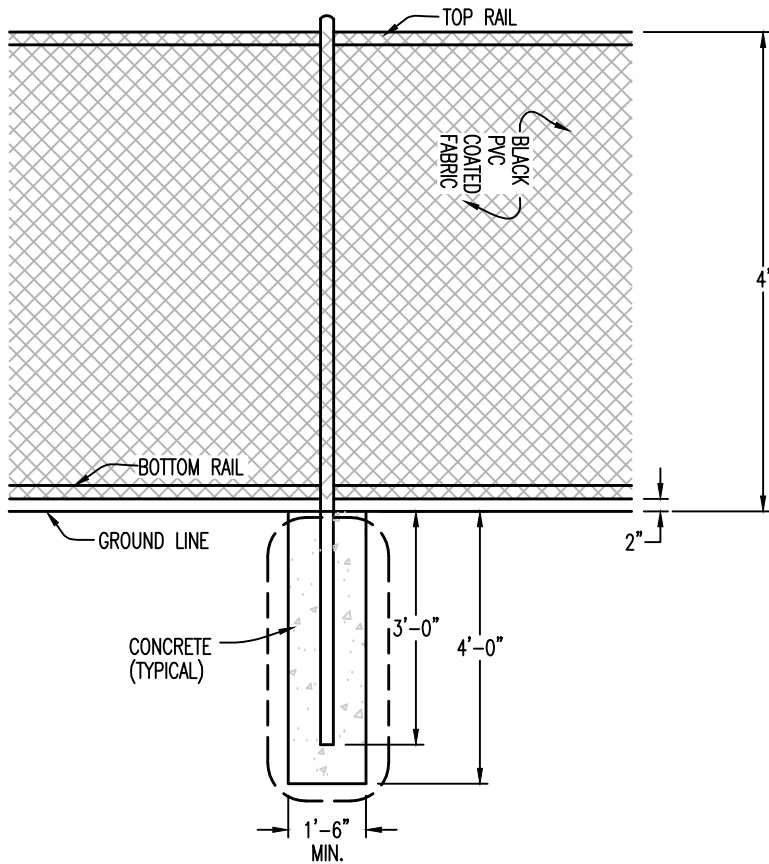
(A) INSTALL AT EACH PULL, END AND GATE POST AND ON EACH SIDE OF CORNER POSTS.

8. FASTENERS:

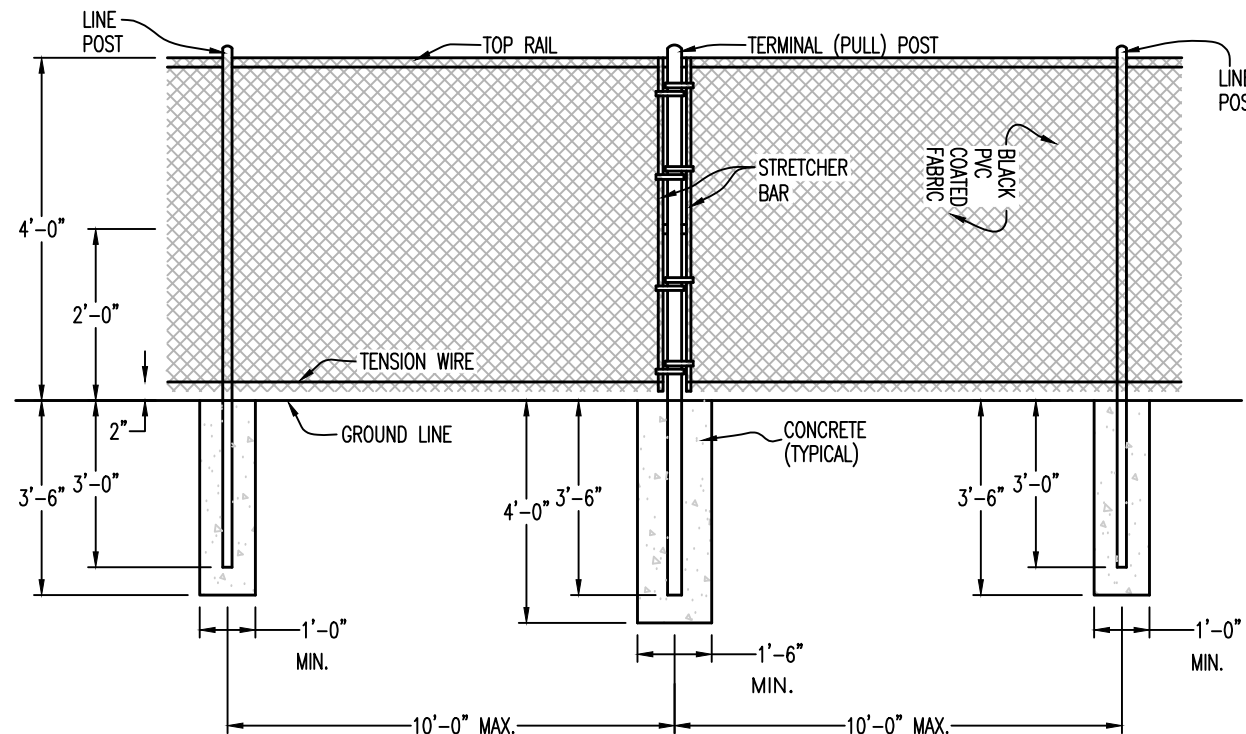
(A) INSTALL NUTS FOR TENSION BANDS AND HARDWARE BOLTS ON INSIDE FACE OF THE FENCE AND PEEN ENDS OF BOLTS OR SCORE THREADS TO PREVENT REMOVAL OF NUTS.

C. REPAIRING DAMAGED COATINGS

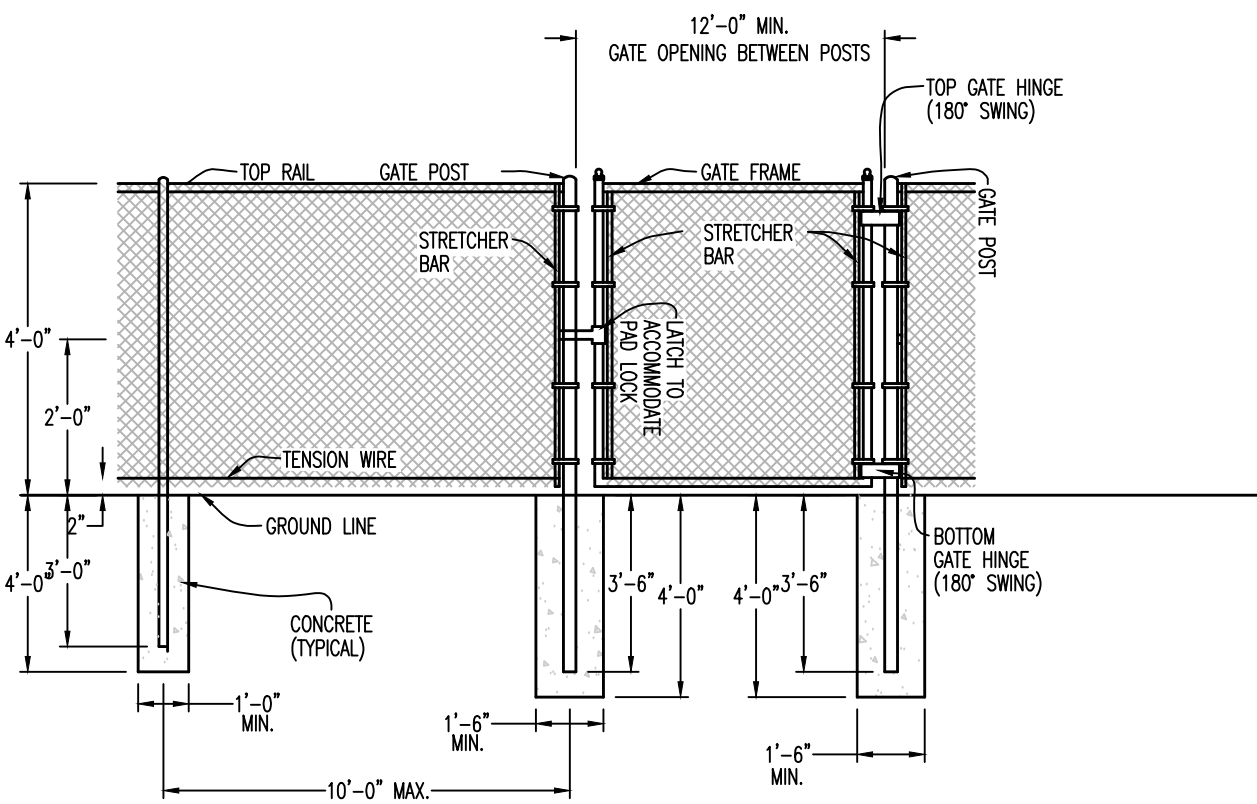
1. ALL DAMAGED COATINGS SHALL BE REPAIRED IN THE SHOP OR FIELD BY RE-COATING WITH COMPATIBLE AND SIMILAR COATING AS PER MANUFACTURER'S RECOMMENDATIONS.



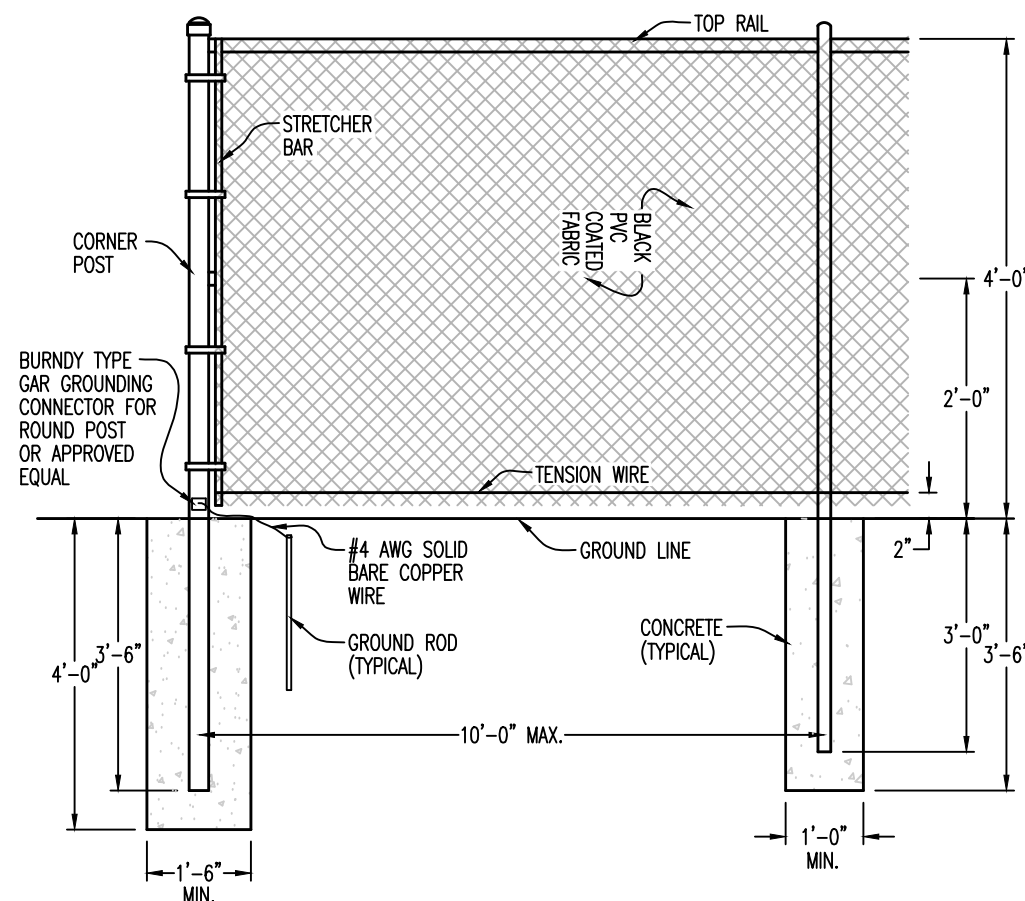
STANDARD LINE POST



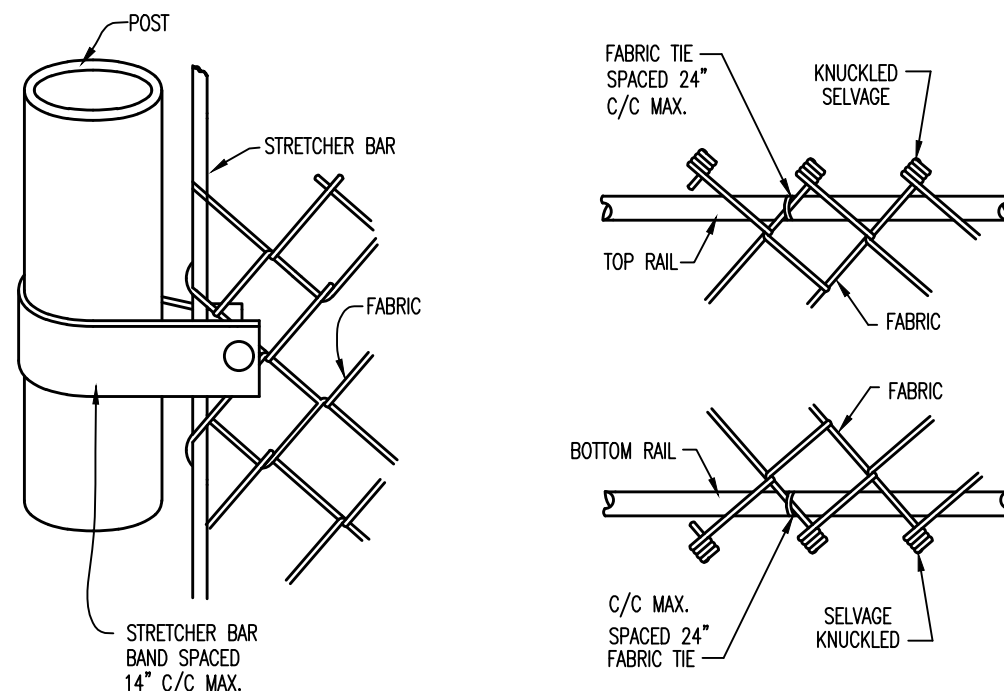
STANDARD PULL POST



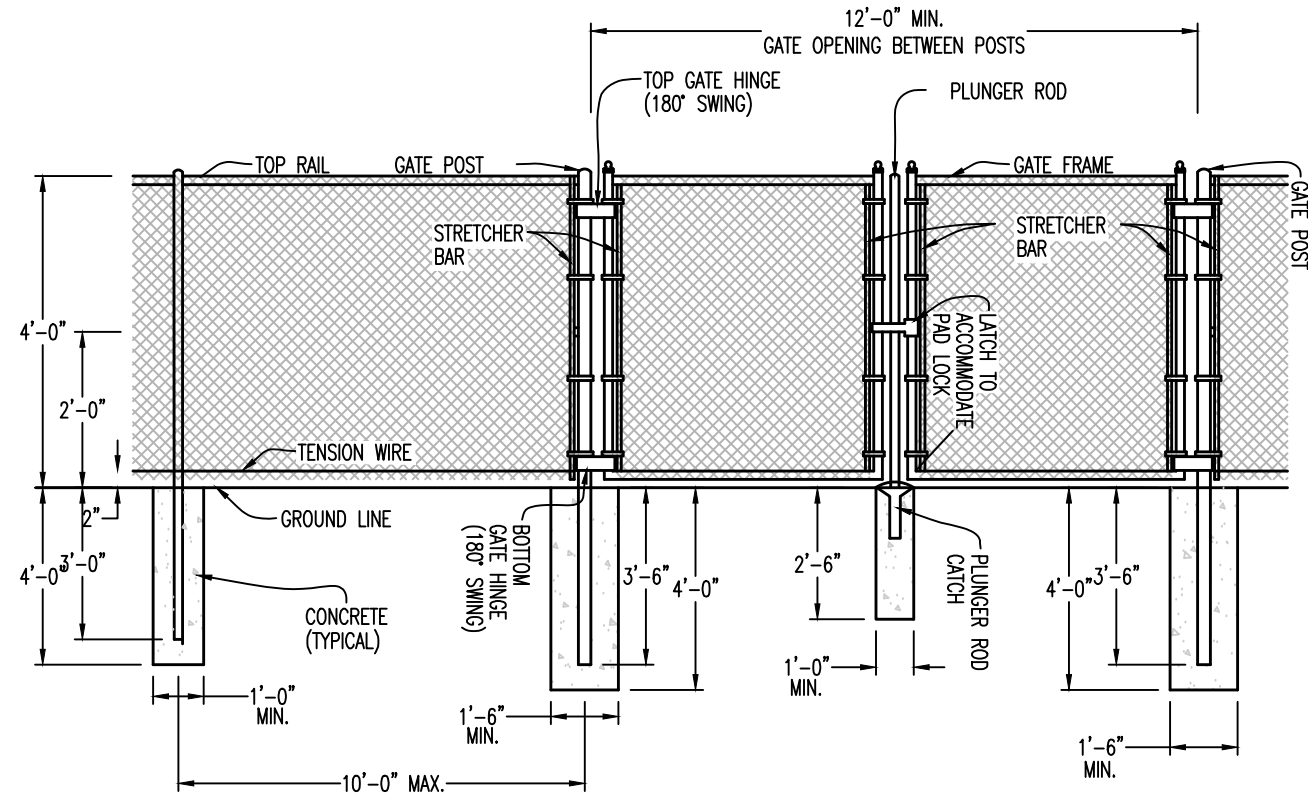
STANDARD PULL GATE



STANDARD CORNER



FASTENING & TYING



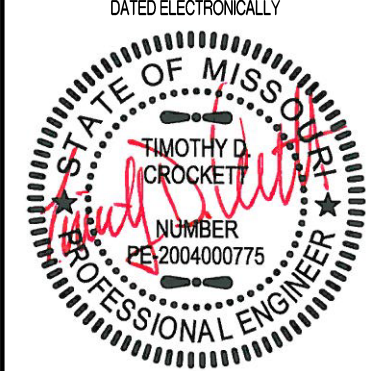
STANDARD PULL GATE

STANDARD 4' TALL
FENCE SPECIFICATIONS

REVISIONS:

NO.	DATE
BID SET	09/08/2025

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY



TIMOTHY D. CROCKETT
MO LICENSE 2004000775

PREPARED BY:
CROCKETT
ENGINEERS & ARCHITECTS
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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
HEALTH SCIENCES
COLUMBIA, MO 65211

MU PROJECT #CP252172
WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

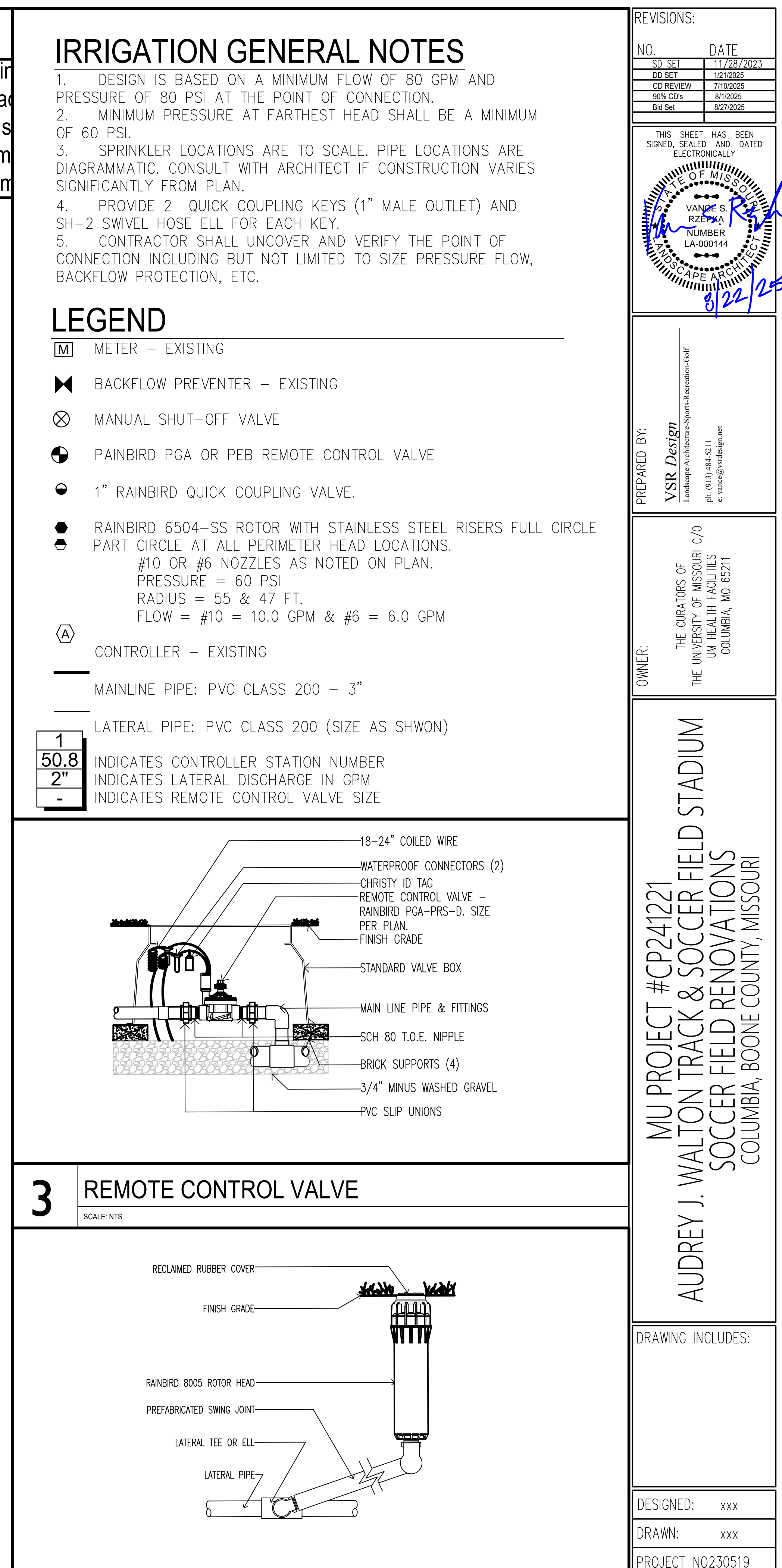
CHAIN LINK FENCE
DETAILS

DESIGNED: TDC

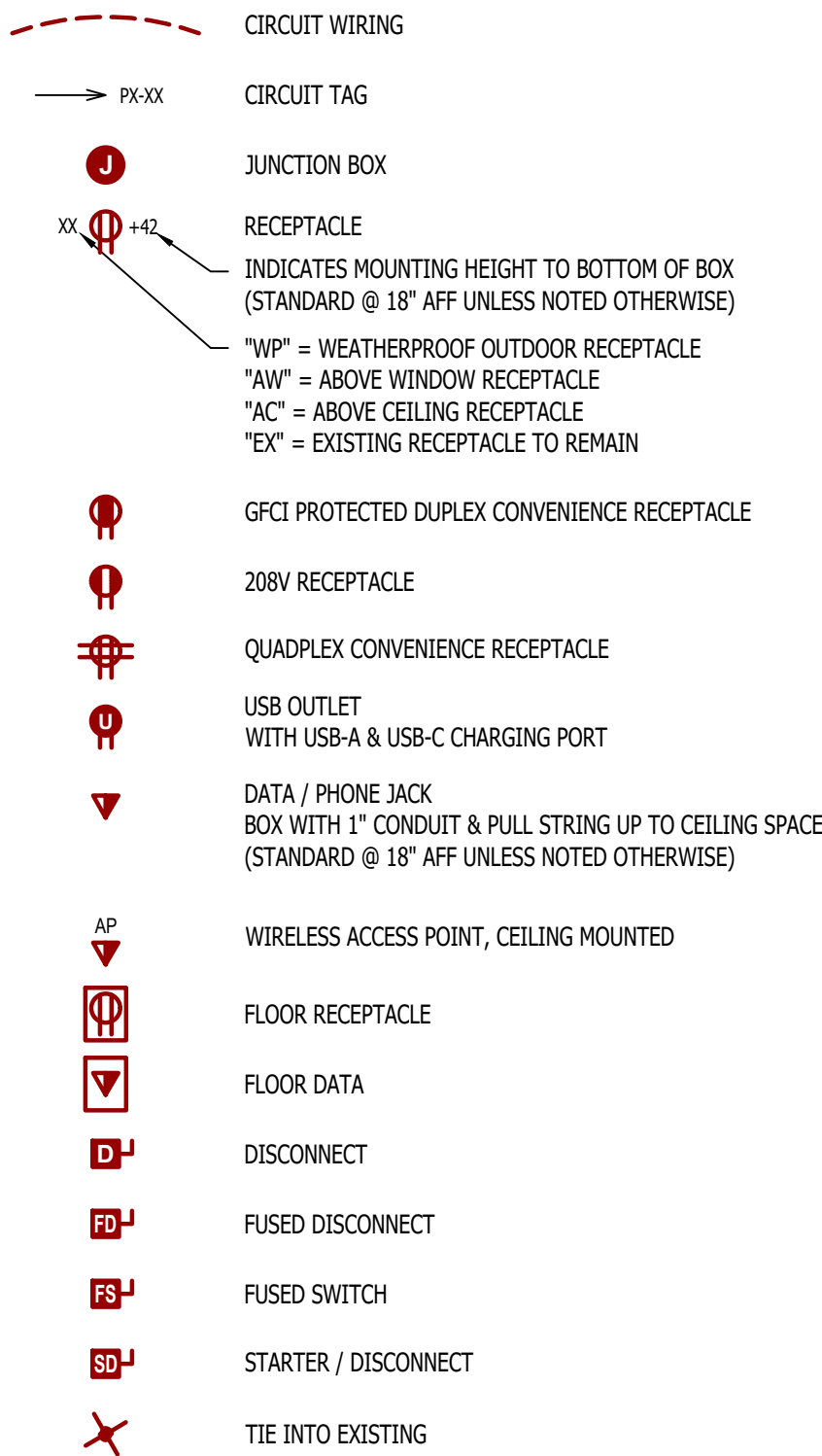
DRAWN: JEE

PROJECT NO.: 230519

SHEET:
CE 7.3



POWER PLAN SYMBOL LEGEND

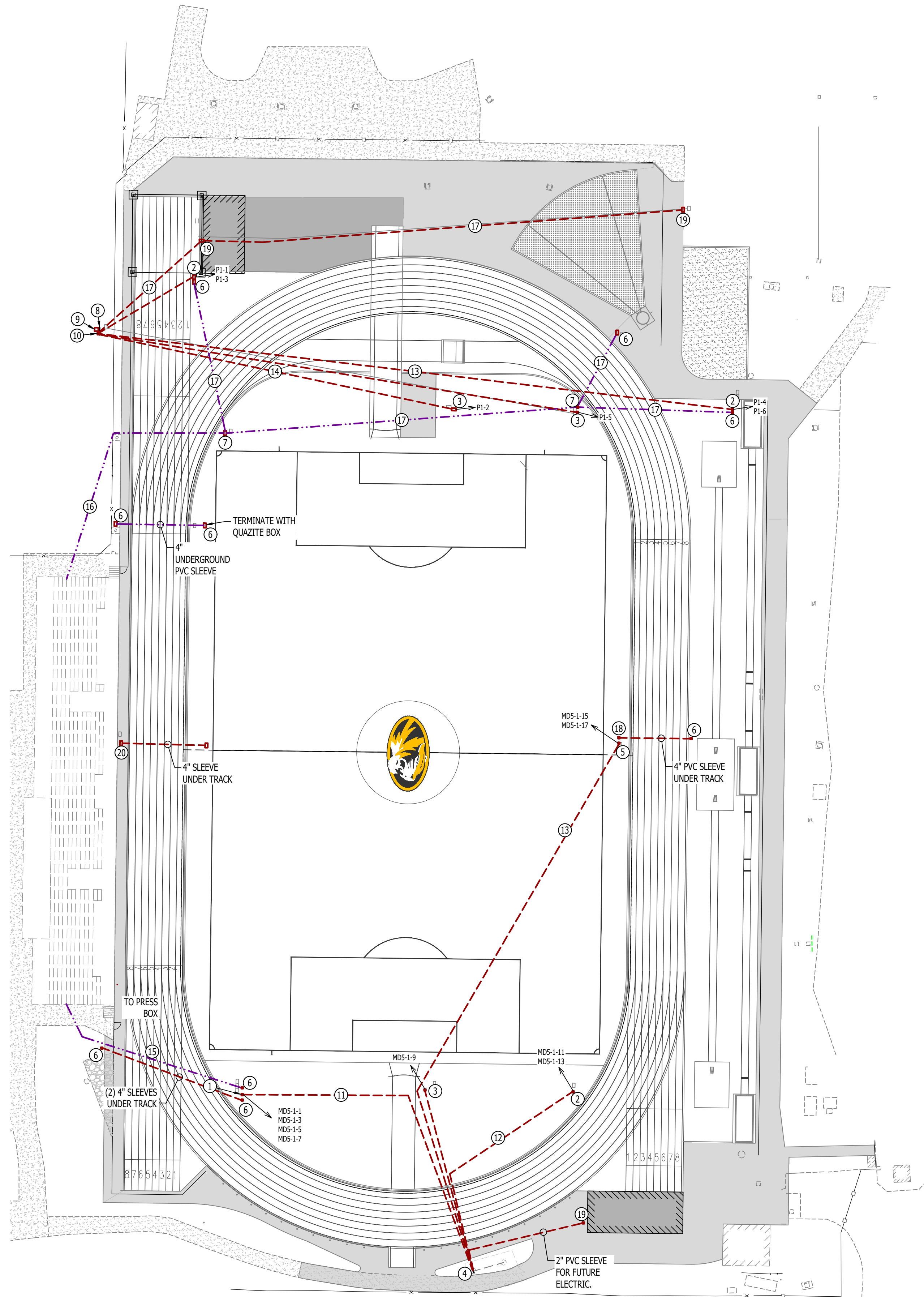


POWER PLAN GENERAL NOTES:

- REFER TO E500 SERIES SHEETS FOR ADDITIONAL ELECTRICAL NOTES, DETAILS, REQUIREMENTS, AND SCHEDULES.
- ELECTRICAL CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND COORDINATE LOCATION OF ALL ELECTRICAL EQUIPMENT, WIRING, HANGERS / SUPPORTS, ETC. WITH HVAC AND PLUMBING TRADES BEFORE INSTALLATION OF ANY MATERIAL. ADDITIONAL COSTS ASSOCIATED WITH LACK OF COORDINATION WILL NOT BE REIMBURSED.
- ANY EXISTING ELECTRICAL EQUIPMENT, CIRCUITS, ETC. SHOWN IS FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXACT EQUIPMENT LOCATIONS, CONDITIONS, ETC. PRIOR TO BEGINNING WORK AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH MU DESIGN GUIDELINE. THESE CAN BE FOUND AT <https://www.umsystem.edu/ums/fa/facilities/guidelines/>

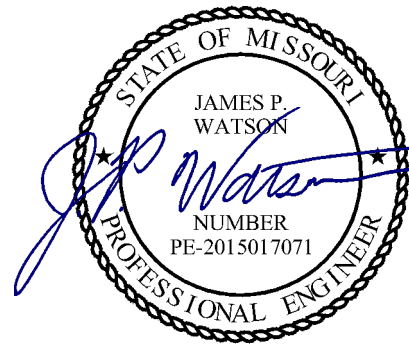
POWER PLAN KEY NOTES:

- POWER PEDESTAL EQUAL TO INTERMATIC #OPSBK18 WITH MOUNTING PLATE MP5BKD. CONTRACTOR TO INSTALL (2) DUPLEX RECEPTACLES AND CUT BUSS TO ALLOW FOR SEPARATE CIRCUIT FOR BOTH TOP AND BOTTOM.
- POWER PEDESTAL EQUAL TO INTERMATIC #OPSBK18 WITH MOUNTING PLATE MP5BKD. CONTRACTOR TO INSTALL (2) DUPLEX RECEPTACLES. EACH DUPLEX TO HAVE A SEPARATE CIRCUIT.
- POWER PEDESTAL EQUAL TO INTERMATIC #OPSBK18 WITH MOUNTING PLATE MP5BKD. CONTRACTOR TO INSTALL (2) DUPLEX RECEPTACLES.
- EXISTING 120/208V, 200 AMP MCB PANEL. LABELED "MDS-1"
- TURF COMMUNICATIONS / POWER BOX (SEE DETAIL ON SHEET E501).
- 12x12x12 OPEN BOTTOM QUAZITE BOX WITH TIER 22 LID LABELED "COMMUNICATIONS".
- 18x15x12 COMMUNICATIONS TURF BOX PROVIDED BY TURF CONTRACTOR. SIMILAR TO SPORTSFIELD SPECIALITIES #CBTS1815. (3) 3" PVC CONDUIT TO TERMINATE IN BOTTOM OF BOX.
- EXISTING PANEL "DB1" (277/480V, 3PH, 42 CKT SIEMENS PANEL TYPE SE) INSTALL NEW 50-3 BREAKER IN SLOTS 31,33,35 TO FEED NEW 30 KVA STEPDOWN TRANSFORMER.
- NEW 30 KVA NEMA 3R STEP DOWN TRANSFORMER (480V 3PH PRIMARY 120/208V, 3PH SECONDARY) LABEL T1
- NEW 100 AMP MCB, 120/208V 3-PH NEMA 3R PANEL BOARD MOUNTED ON EXISTING STRUT RACK. LABEL "P1"
- (2) (2) 1½" UNDERGROUND CONDUITS WITH (4) #6 CU & (2)#6 CU EQ. GRD. IN EACH.
- 1½" UNDERGROUND CONDUITS WITH (4) #6 CU & (2)#6 CU EQ. GRD.
- (2) 1½" UNDERGROUND PVC CONDUITS WITH (2) #4 CU & (1)#4 CU EQ. GRD. IN EACH.
- 1" UNDERGROUND PVC CONDUIT WITH (2) #6 CU & (1)#6 CU EQ. GRD.
- 3" UNDERGROUND PVC CONDUIT WITH PULLSTRING. CONDUIT SHALL RUN FROM QUAZITE BOX TO UNDERCROFT OF BLEACHERS. CONDUIT TO TURN UP ALONG SOUTH WALL. WEST OF DOUBLE DOORS.
- 3" UNDERGROUND PVC CONDUIT WITH PULLSTRING. CONDUIT SHALL RUN FROM QUAZITE BOX TO UNDERCROFT OF BLEACHERS. CONDUIT TO TURN UP ALONG NORTH WALL. WEST OF DOUBLE DOORS.
- 3" UNDERGROUND PVC CONDUIT WITH PULLSTRING.
- TURF COMMUNICATIONS BOX (SEE DETAIL ON SHEET E501).
- 12x12x12 OPEN BOTTOM QUAZITE BOX WITH TIER 22 LID LABELED "ELECTRIC".
- 12x12x6 BOX MOUNTED ON FRONT OF BLEACHERS

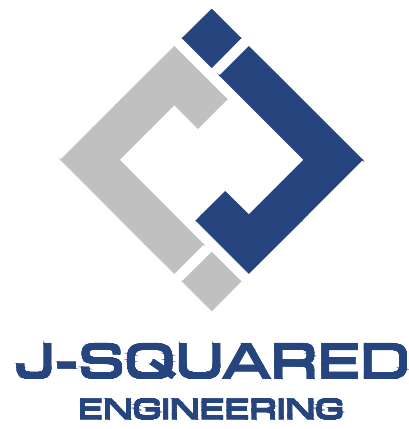


POWER PLAN

SCALE: 1" = 40 ft



James Watson, P.E. September 8, 2025
PE-2015017071
MO Certificate of Authority # 2018029680



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Columbia, Missouri 65201
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J2 PROJECT No: J21565

J2 DESIGN: JAP

ISSUE TITLE DATE

BID SET 09 - 08 - 2025

MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:
**CP251272 Walton Stadium Track and
Soccer Surface Upgrade**

1100 Stadium Blvd Columbia, Boone County, MO 65203

AHJ APPROVAL STAMP

SHEET TITLE

POWER PLAN

SHEET NUMBER

EP101

ELECTRICAL SPECIFICATIONS

1. GENERAL
- 1.1. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY PIECES AND COMPONENTS TO PROVIDE A COMPLETE AND COMPLIANT ELECTRICAL SYSTEM UNLESS OTHERWISE NOTED ON PLANS.
- 1.2. THE ENTIRE ELECTRICAL SYSTEM SHALL BE CONTINUOUSLY GROUNDED. EVERY BRANCH CONDUIT SHALL INCLUDE A GREEN GROUND CONDUCTOR SIZED PER NEC.
- 1.3. ARC-FAULT CIRCUITS SHALL BE RUN WITH A DEDICATED NEUTRAL AS REQUIRED BY MANUFACTURER.
- 1.4. PROVIDE PERMANENT ARC-FLASH LABEL AFFIXED TO EVERY DISCONNECT AND PANEL.
- 1.5. PROVIDE TYPE WRITTEN PANEL SCHEDULE FOR EACH PANEL.
2. WORKMANSHIP
- 2.1. ALL ELECTRICAL SYSTEM COMPONENTS SHALL BE INSTALLED LEVEL, PLUMB, AND PARALLEL/PERPENDICULAR TO BUILDING ORIENTATION WHERE POSSIBLE.
- 2.2. ALL ELECTRICAL DEVICES AND LIGHT FIXTURES SHALL BE INSTALLED IN A SAFE, FIRST-CLASS MANNER WITH ATTENTION GIVEN TO OVERALL AESTHETICS.
- CARE SHOULD BE TAKEN TO ALLOW FOR FUTURE REPLACEMENT AND ACCESS FOR SERVICE.
3. MATERIALS
- 3.1. CONDUIT & CONDUCTORS
- 3.1.1. ALL CONDUCTORS SIZES INDICATED ARE COPPER UNLESS NOTED OTHERWISE ON PLANS.
- 3.1.2. ABOVE GRADE CONDUCTORS SHALL BE TYPE THHN.
- 3.1.3. BELOW GRADE CONDUCTORS SHALL BE TYPE XHHW-2.
- 3.1.4. MINIMUM CONDUCTOR SIZE SHALL BE #12 AWG UNLESS NOTED OTHERWISE. 120-VOLT, 20-AMP CIRCUITS WITH CONDUCTOR LENGTHS GREATER THAN 100' SHALL BE #10 AWG MINIMUM.
- 3.1.5. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR MEASURING ACTUAL CONDUCTOR LENGTH AND INCREASING CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP AS REQUIRED BY NEC.
- 3.1.6. RIGID ALUMINUM CONDUIT SHALL BE USED FOR SERVICE WIRING.
- 3.1.7. ALL BELOW GRADE CONDUIT SHALL BE SCHEDULE 90 PVC CONDUIT.
- 3.1.8. EXPOSED CONDUIT SHALL BE PAINTED TO MATCH ADJACENT SURFACES, VERIFY COLOR WITH ARCHITECT/OWNER.
- 3.2. DEVICES
- 3.2.1. CONTRACTOR TO PROVIDE J-BOXES, COVER PLATES, AND ANY ACCESSORIES REQUIRED TO PROVIDE A COMPLETE SYSTEM. SEE ARCHITECTURAL PLANS FOR DEVICE COLORS.
- 3.2.2. DUPLEX RECEPTACLES SHALL BE TAMPER RESISTANT, 20-AMP, EQUAL TO LEVITON #TBR-20.
- 3.2.3. WHERE GFCI PROTECTION IS SHOWN ON PLANS AND UNLESS OTHERWISE NOTED, PROVIDE A LISTED GFCI-PROTECTED RECEPTACLE WHERE THE RECEPTACLE IS ACCESSIBLE ON PLANS. IF THE RECEPTACLE LOCATION IS NOT ACCESSIBLE AS DEFINED BY NEC, PROVIDE GFCI PROTECTION AT CIRCUIT BREAKER.
- 3.2.4. ALL APPLICABLE SWITCHES, RECEPTACLES, CONTROLS, ETC. SHALL BE MOUNTED AT ADA-ACCESSIBLE HEIGHTS.
- 3.2.5. WIRING DEVICES SHOWN ON PLANS NEXT TO ONE ANOTHER SHALL UTILIZE A SINGLE COVER PLATE UNLESS NOTED OTHERWISE.
- 3.2.6. EACH RECEPTACLE COVER SHALL BE NEATLY AND LEGIBLY LABELED WITH CORRESPONDING PANEL AND CIRCUIT NUMBER FOR CIRCUIT IDENTIFICATION.

NEW PANEL 'P1' SCHEDULE									
PANEL SPECIFICATIONS					TOTAL CONNECTED LOAD				
VOLTAGE: 120/208V 3-PH			NEMA RATING: 3R		PHASE "A" LOAD:		4.5 AMPS		
AMPACITY: 100A MCB			PANEL MOUNTING: SURFACE		PHASE "B" LOAD:		3 AMPS		
AIC-RATING: 22kA					PHASE "C" LOAD:		4.5 AMPS		
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	DESCRIPTION	CIRCUIT NUMBER	
1	FILED OUTLET	20-1	1.5	A	3	20-1	FIELD OUTLET	2	
3	FILED OUTLET	20-1	1.5	B	1.5	20-1	FIELD OUTLET	4	
5	FILED OUTLET	20-1	3	C	1.5	20-1	FIELD OUTLET	6	
7	SPARE	20-1		A		20-1	SPARE	8	
9	SPARE	20-1		B		20-1	SPARE	10	
11	SPARE	20-1		C		20-1	SPARE	12	
13	SPARE	20-1		A		20-1	SPARE	14	
15	SPARE	20-1		B		20-1	SPARE	16	
17	SPARE	20-1		C		20-1	SPARE	18	
NOTES:									
A: PANEL SHALL BE EQUAL TO SQUARE D MODEL NQ, WITH COPPER BUSS AND HINGED DOOR.									
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.									
C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.									

EXISTING PANEL "MD5-1"SCHEDULE									
PANEL SPECIFICATIONS					TOTAL CONNECTED LOAD				
VOLTAGE: 120/208V 3-PH			NEMA RATING: 3R		PHASE "A" LOAD:		45.5 AMPS		
AMPACITY: 200A MCB			PANEL MOUNTING: SURFACE		PHASE "B" LOAD:		45.5 AMPS		
AIC-RATING: 22kA					PHASE "C" LOAD:		45.5 AMPS		
CIRCUIT NUMBER	DESCRIPTION	BREAKER SIZE	AMPS	PHASE	AMPS	BREAKER SIZE	DESCRIPTION	CIRCUIT NUMBER	
1	FIELD OUTLET	20-1	1.5	A	41	100-3	EXISTING SCOREBOARD	2	
3	FIELD OUTLET	20-1	1.5	B	41	-	-	4	
5	FIELD OUTLET	20-1	1.5	C	41	-	-	6	
7	FIELD OUTLET	20-1	1.5	A		20-1	SPARE	8	
9	FIELD OUTLET	20-1	1.5	B		20-1	SPARE	10	
11	FIELD OUTLET	20-1	1.5	C		20-1	SPARE	12	
13	FIELD OUTLET	20-1	1.5	A		20-1	SPARE	14	
15	FIELD OUTLET	20-1	1.5	B		20-1	SPARE	16	
17	FIELD OUTLET	20-1	1.5	C		20-1	SPARE	18	
19	SPARE	20-1		A		20-1	SPARE	20	
21	SPARE	20-1		B		20-1	SPARE	22	
23	BLANK			C			BLANK	24	
25	BLANK			A			BLANK	26	
27	BLANK			B			BLANK	28	
29	BLANK			C			BLANK	30	
31	BLANK			A			BLANK	32	
33	BLANK			B			BLANK	34	
35	BLANK			C			BLANK	36	
37	BLANK			A			BLANK	38	
39	BLANK			B			BLANK	40	
NOTES:									
A: ALL BREAKERS SHOWN ARE EXISTING									
B: ELECTRICIAN SHALL VERIFY EXACT EQUIPMENT OVERCURRENT PROTECTION REQUIREMENTS PRIOR TO PURCHASE & INSTALLATION OF EQUIPMENT.									
C: AFTER COMPLETION OF WORK, ELECTRICIAN SHALL PROVIDE A TYPE WRITTEN PANEL DIRECTORY IN NEW PANEL.									

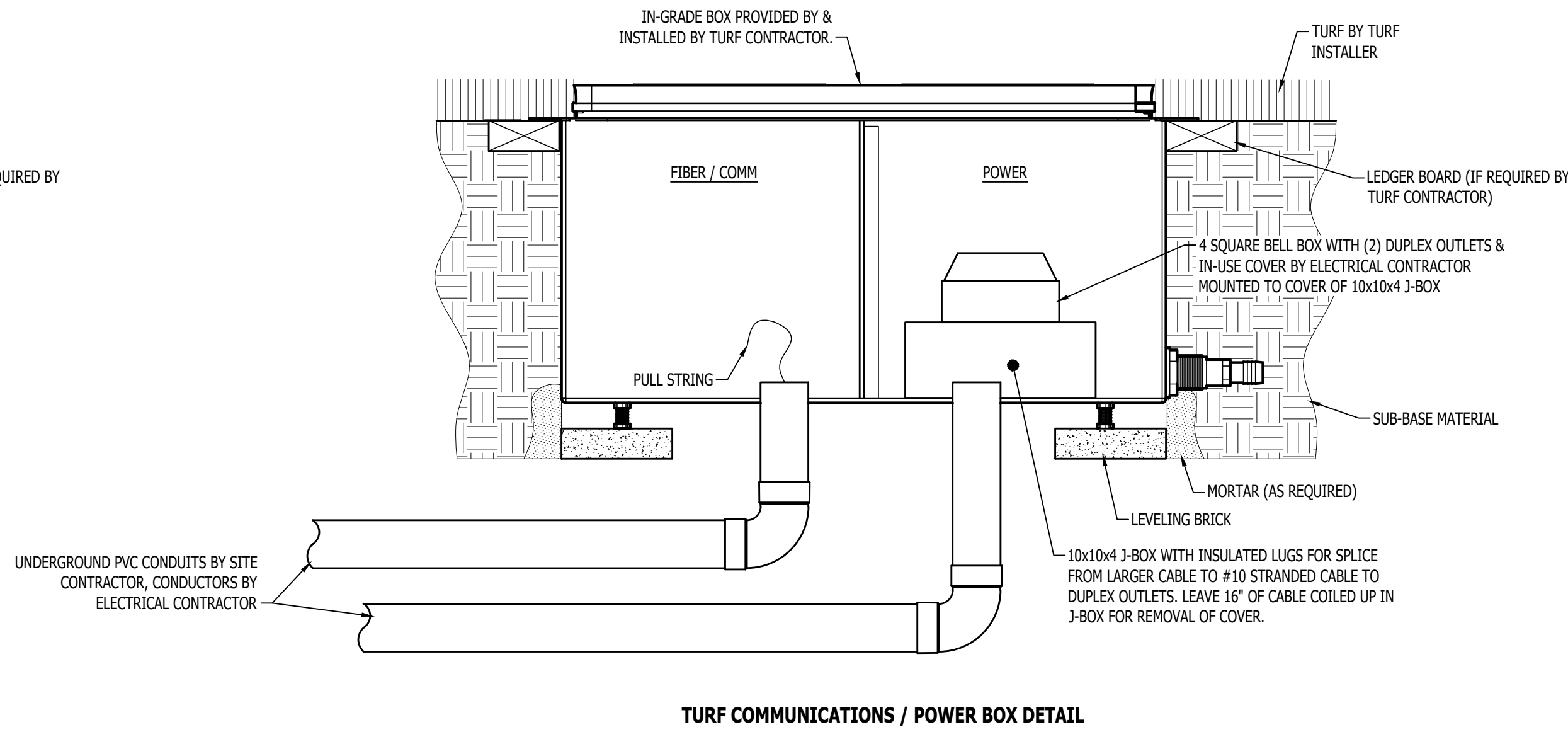
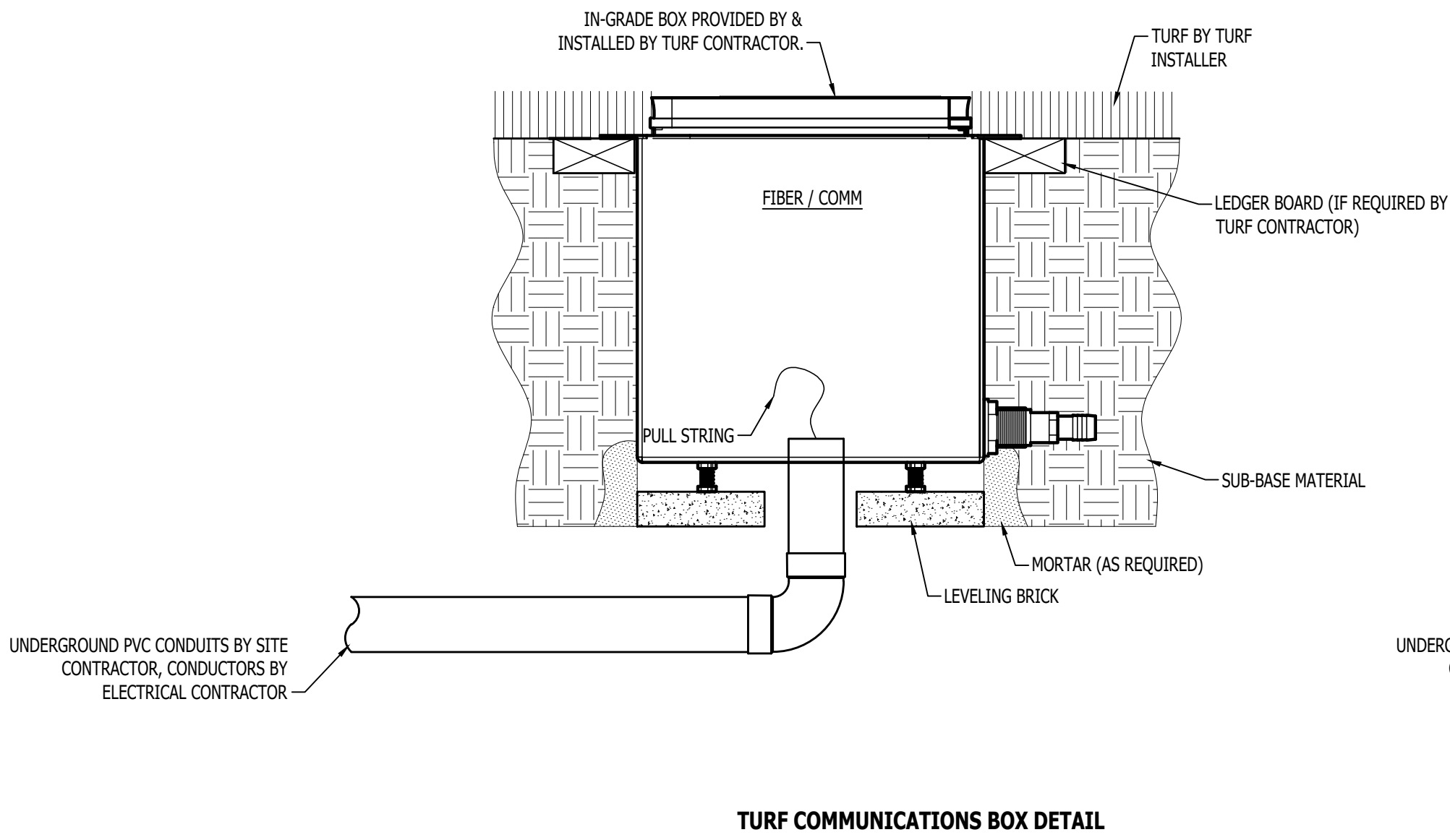
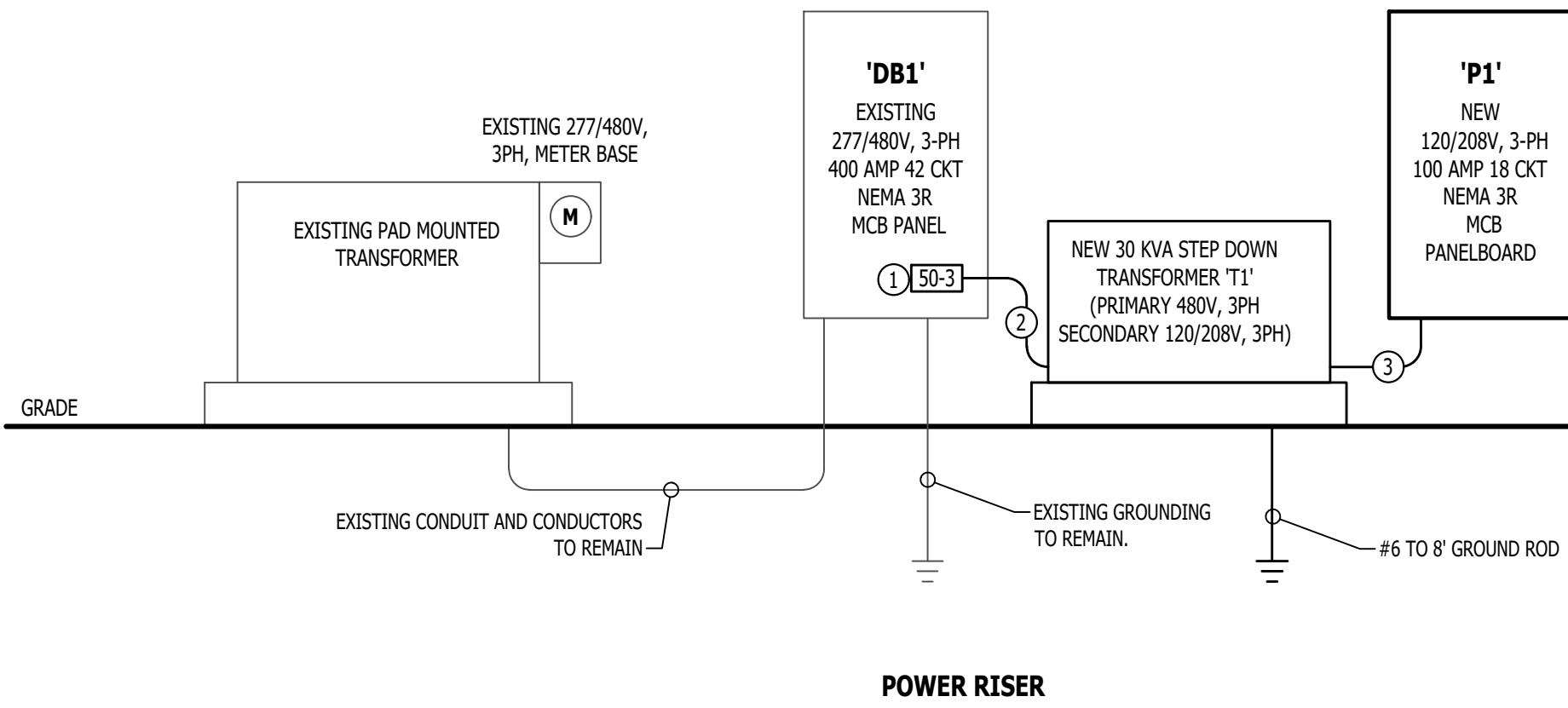
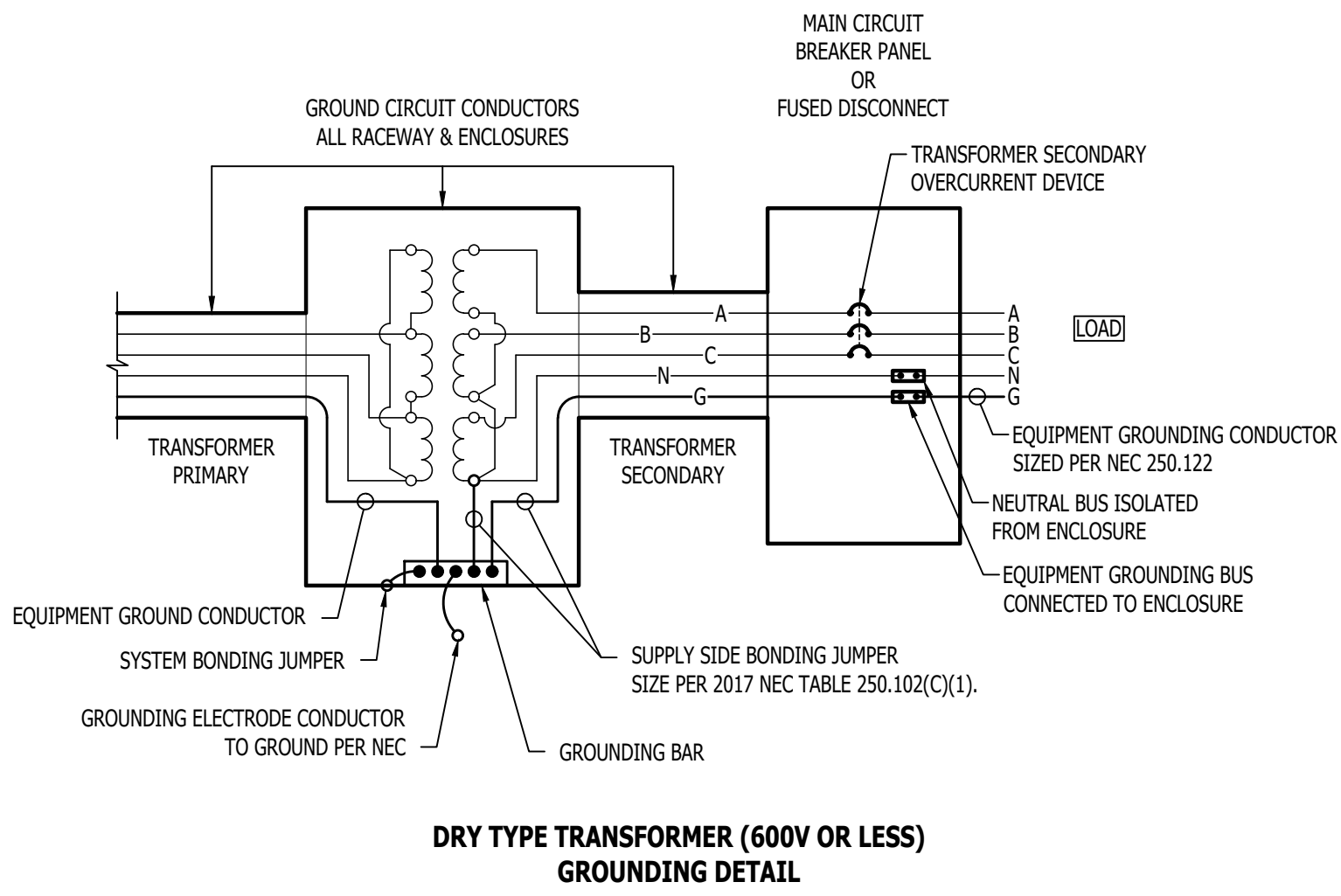


TABLE 250.102(C)(1) - NEC 2020			
Size of Largest Ungrounded Conductor or Equivalent Area for Parallel Conductors (AWG/kcmil)		Size of Bonding Jumper (AWG/kcmil)	
Copper	Aluminum	Copper	Aluminum
2 or smaller	1/0 or smaller	8	6
1 or 1/0	2/0 or 3/0	6	4
2/0 or 3/0	4/0 or 250	4	2
Over 3/0 through 350	Over 250 through 500	2	1/0
Over 350 through 600	Over 500 through 900	1/0	3/0
Over 600 through 1100	Over 900 through 1750	2/0	4/0
Over 1100	Over 1750	See NEC for details	See NEC for details

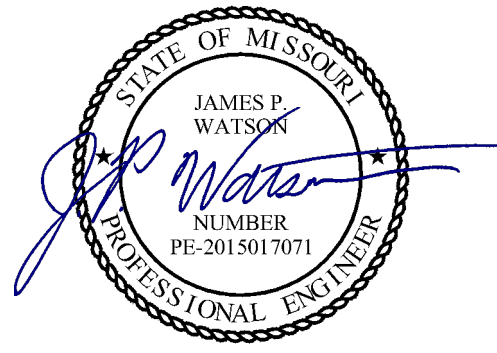


POWER RISER KEY NOTES:

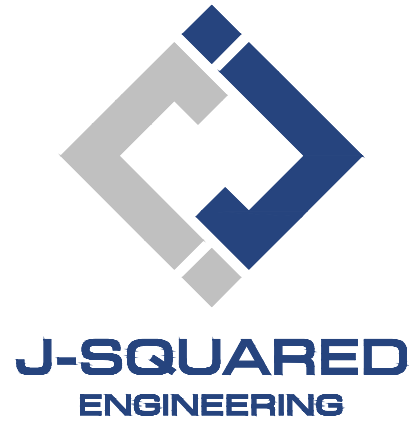
- ① INSTALL NEW 50 AMP 3 POLE BREAKER IN SLOTS 31,33,35.
- ② 1" RIGID ALUMINUM CONDUIT WITH (3) 8 CU & (1) # 10 CU EQ. GRD.
- ③ 1 1/4" RIGID ALUMINUM CONDUIT WITH (4) 3 CU & (1) # 8 BONDING JUMPER

POWER RISER GENERAL NOTES:

1. CONTRACTOR TO PROVIDE ARC FLASH STUDY FOR EXISTING PANEL 'DB1', TRANSFORMER 'T1' & NEW PANEL 'P1'.
2. CONTRACTOR TO PROVIDE 4" THICK HOUSE KEEPING PAD FOR NEW STEP DOWN TRANSFORMER. PAD MUST EXTEND 6" OUTSIDE OF TRANSFORMER ON ALL SIDES.
3. NEW PANEL 'P1' SHALL BE MOUNTED ON BACK SIDE OF EXISTING UNI STRUT RACK THAT PANEL 'DB1' IS CURRENTLY MOUNTED ON. . CONTRACTOR IS RESPONSIBLE FOR PROVIDING ANY ADDITIONAL UNI STRUT TO MOUNT PANEL.



James Watson, P.E. September 8, 2025
PE-2015017071
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MECHANICAL - ELECTRICAL - PLUMBING DESIGN DRAWINGS FOR:
CP251272 Walton Stadium Track and Soccer Surface Upgrade

1100 Stadium Blvd Columbia, Boone County, MO 65203

AHJ APPROVAL STAMP

SHEET NUMBER

ELECTRICAL DETAILS & SCHEDULES

E501

GENERAL NOTES

ELEVATION DATUM
SEE ARCHITECTURAL DRAWINGS OR SITE PLAN FOR FINISH FLOOR ELEVATIONS

DESIGN SPECIFICATIONS
2024 INTERNATIONAL BUILDING CODE

EARTHWORK
EARTHWORK OPERATIONS SHALL BE PERFORMED UNDER THE DIRECTION OF A PROFESSIONAL TESTING AGENCY TO ASSURE COMPLIANCE WITH THE RECOMMENDATIONS OF THE SOILS REPORT.

CONCRETE

CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE CURRENT ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS, ACI 318 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, ACI 305 SPECIFICATIONS FOR HOT WATER CONCRETE, AND ACI 306 SPECIFICATIONS FOR COLD WEATHER CONCRETE, WITH THE FOLLOWING ADDITIONAL REQUIREMENTS:

- CONCRETE SHALL DEVELOP THE FOLLOWING 28-DAY MINIMUM COMPRESSIVE STRENGTH:
FOUNDATIONS - 3,000 PSI
CAST-IN-PLACE WALLS - 3,500 PSI
FLOOR SLAB - 4,000 PSI
EXTERIOR SLABS, WALLS AND CURBS - 4,000 PSI
- ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR ENGINEERED FILL.
- CHLORIDE- BASED ADMIXTURES ARE PROHIBITED IN ALL REINFORCED CONCRETE.
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, A616, OR A617, GRADE 60.
- ALL CONTINUOUS REINFORCING STEEL THAT MEETS AT A CORNER SHALL BE TIED TOGETHER WITH A CORNER BAR THAT HAS SUFFICIENT LAP DISTANCE IN EACH DIRECTION.
- CONTINUOUS REINFORCING BARS LAP LENGTH SHALL BE A MINIMUM OF 48 BAR DIAMETERS UNLESS NOTED OTHERWISE.
- CONCRETE SLUMP SHALL BE A MAXIMUM OF 4" +/- 1" (ASTM C- 143) AS DELIVERED IN THE FIELD. CONTRACTOR MAY USE CHEMICAL ADMIXTURES TO ATTAIN A MAXIMUM SLUMP OF 8" FOR WORKABILITY. NO WATER MAY BE ADDED TO THE CONCRETE MIX ON SITE UNLESS WATER IS WITHHELD AT THE BATCHING FACILITY. IF WATER IS WITHHELD AT THE BATCHING FACILITY IT SHOULD BE REFLECTED ON THE LOAD TICKET. THE TOTAL AMOUNT OF WATER IN THE MIX SHALL NOT EXCEED WHAT IS NOTED ON THE APPROVED MIXED. THIS SHALL BE NOTED IN THE SPECIAL INSPECTOR'S RECORDS.
- CONCRETE EXPOSED TO WEATHER, VEHICLES, AND/OR DEICING CHEMICALS SHALL BE AIR-ENTRAINED WITH 6% (+/-) 1.5% ENTRAINED AIR BY VOLUME AT POINT OF DISCHARGE. DO NOT ALLOW AIR CONTENT OF TROWELED FINISHED FLOORS TO EXCEED 3%.
- SUBMIT CONCRETE MIX PROPORTIONS PRIOR TO START OF WORK. DO NOT BEGIN CONCRETE PRODUCTION UNTIL MIXES HAVE BEEN REVIEWED AND ARE ACCEPTABLE TO THE ENGINEER.
- READY MIX CONCRETE SHALL COMPLY WITH REQUIREMENTS OF ASTM C94.
- CONCRETE WORK EXECUTION
 - CONSTRUCT FORMS TO CORRECT SIZE, SHAPE, ALIGNMENT, ELEVATION AND POSITION; AND TO SUPPORT VERTICAL AND LATERAL LOADS.
 - POSITION, SUPPORT, AND SECURE REINFORCEMENT AGAINST DISPLACEMENT. MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE, UNLESS NOTED OTHERWISE ON THE DRAWINGS:
CAST AGAINST AND EXPOSED TO EARTH.....3 INCHES
EXPOSED TO EARTH OR WEATHER.....2 INCHES
NOT EXPOSED TO WEATHER OR
IN CONTACT WITH EARTH.....1 3/8 INCHES
 - PROVIDE CONTROL JOINTS IN SLABS-ON-GRADE AT NOT GREATER THAN 15 FEET ON CENTER IN EACH DIRECTION. SAW CUT CONTROL JOINTS MINIMUM 1/4 OF SLAB DEPTH, AS SOON AFTER SLAB FINISHING WITHOUT DISLODGING AGGREGATE.
 - STEEL TROWEL FINISH ALL INTERIOR CONCRETE SLABS, BROOM FINISH ALL EXTERIOR CONCRETE SLABS.
 - CURE ALL CONCRETE IN COMPLIANCE WITH ACI 301, USING A LIQUID TYPE MEMBRANE, NON-RESIDUAL, CURING COMPOUND COMPLYING WITH ASTM C309. ASSURE COMPATIBILITY WITH FINISH FLOOR COVERING.

TIMBER

TIMBER WORK SHALL CONFORM TO ALL REQUIREMENTS OF THE CURRENT ANSI/AWC NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION WITH 2015 NDS SUPPLEMENT FOR WOOD CONSTRUCTION, WITH THE FOLLOWING SUPPLEMENTAL REQUIREMENTS:

- FOR COMMON MEMBER SIZES, THE SPECIES AND GRADES SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

A.	2X4	SPF No.1/No.2
B.	2X6	SPF No.1/No.2
C.	2X8	DF-L No.2
D.	2X10	DF-L S.S.
E.	2X12	DF-L S.S.

EQUIVALENT (OR BETTER) GRADES & SPECIES MAY BE SUBMITTED FOR THE ENGINEER'S APPROVAL.

- SIZES SHOWN FOR LUMBER ARE NOMINAL SIZES.
- TIMBER EXPOSED TO WEATHER OR GROUND, OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE-IMPREGNATED BY AN APPROVED PROCESS AND PRESERVATIVE.
- SPLICING OF JOISTS, STUDS, OR HEADERS IS PROHIBITED EXCEPT AS SHOWN.
- BOLTS SHALL CONFORM TO ASTM A307. HOLES SHALL BE DRILLED PER SECTION 12.1.3 OF THE 2015 ANSI/AWC NDS FOR WOOD CONSTRUCTION NDS SUPPLEMENT.
- LAG SCREWS AND WOOD SCREWS SHALL BE INSTALLED PER SECTIONS 12.1.4 & 12.1.5 RESPECTIVELY, OF THE 2015 ANSI/AWC NDS FOR WOOD CONSTRUCTION WITH 2015 NDS SUPPLEMENT.
- COMMON NAILS SHALL BE USED, UNLESS NOTED OTHERWISE. IN ADDITION, NAILS SHALL BE GALVANIZED, IF EXPOSED TO WEATHER OR MOISTURE. TOE-NAILS SHALL BE DRIVEN PER SECTION 12.1.6.3 OF THE 2015 ANSI/AWC NDS FOR WOOD CONSTRUCTION WITH 2015 NDS SUPPLEMENT.
- FASTENING SHALL BE PER THE IBC MINIMUM FASTENING SCHEDULE, TABLE 2304.10.1, UNLESS NOTED OTHERWISE.
- CONNECTIONS/CONNECTORS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

PREFABRICATED WOOD TRUSSES

- FLOOR & ROOF TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE TRUSS PLATE INSTITUTE (TPI) DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES, AND THE ANSI/NF&PA NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION.
- PROVIDE TEMPORARY AND PERMANENT BRACING ON ALL TRUSSES, AS REQUIRED TO PROVIDE MEMBER AND TRUSS STABILITY.
- FLOOR & ROOF TRUSSES SHALL BE DESIGNED AND CONSTRUCTED FOR A MAXIMUM TOTAL LOAD DEFLECTION OF L/360 AND TO SAFELY SUPPORT THE FOLLOWING LOADS:
 - DEAD, LIVE, SNOW, WIND, EARTHQUAKE: SEE PROJECT DESIGN DATA ON COVER SHEET.
 - MECHANICAL PIPE LOAD: TRUSSES SHALL BE DESIGNED FOR A CONCENTRATED LOAD OF 250 LBS HUNG ANYWHERE ALONG THE BOTTOM CHORD.
 - OVER-FRAMING LOAD: TRUSSES SHALL ALSO BE DESIGNED TO SUPPORT ADDITIONAL OVERBUILD FRAMING, SUCH AS THAT WHICH FORMS VALLEYS AND HIPS ON ROOFS.
 - DRIFTED SNOW LOAD: TRUSSES SHALL BE DESIGNED TO SUPPORT DRIFTED SNOW LOADS IN ACCORDANCE WITH THE APPROPRIATE BUILDING CODE.
 - IN-PLANE LATERAL LOADS: TRUSSES SHALL BE DESIGNED TO SUPPORT ANY LATERAL LOADS CARRIED AXIALLY IN THE PLANE OF THE TRUSS, AS SHOWN ON THE PLANS.
- CABLED END TRUSSES SHALL HAVE VERTICAL MEMBERS SPACED AT 16" O.C. MAXIMUM.
- SUBMITTALS SHALL INCLUDE THE FOLLOWING:
 - SHOP DRAWINGS PREPARED UNDER THE SUPERVISION OF, AND SIGNED AND SEALED BY, A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS BUILT. THESE DRAWINGS SHALL INDICATE SPECIES, GRADE, AND SIZES OF LUMBER TO BE USED; PITCH, SPAN, CAMBER, CONFIGURATION, AND SPACING FOR EACH TYPE OF TRUSS REQUIRED; TYPE, SIZE, MATERIAL, FINISH, AND LOCATION OF METAL CONNECTOR PLATES; AND BEARING DETAILS. SHOW TRUSS LAYOUT AND ALL REQUIRED TEMPORARY AND PERMANENT BRACING AFFECTING THE STRUCTURAL CAPACITY OF THE TRUSSES.

PROVIDE COMPLETE ENGINEERING DESIGN CALCULATIONS THAT INCLUDE DESIGN VALUES, DESIGN ANALYSIS INDICATING LOADING, ASSUMED ALLOWABLE STRESSES, STRESS DIAGRAM, AND CALCULATIONS, AND ANY OTHER INFORMATION NEEDED FOR REVIEW. THE CALCULATIONS SHALL HAVE BEEN SIGNED AND SEALED BY A QUALIFIED PROFESSIONAL ENGINEER WHO IS REGISTERED IN THE STATE WHERE THE PROJECT IS BUILT AND WHO IS RESPONSIBLE FOR PREPARATION OF THE CALCULATIONS.

STRUCTURAL STEEL

- FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES AND CURRENT OSHA STANDARDS.
- WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992. STRUCTURAL TUBES SHALL CONFORM TO ASTM A500 GRADE B. ALL OTHER STRUCTURAL STEEL SHALL CONFORM TO ASTM A36.
- BOLTS, UNLESS OTHERWISE SHOWN, SHALL CONFORM TO ASTM A325-N, SIZE AS PER PLAN.
- ANCHOR BOLTS, UNLESS OTHERWISE SHOWN, SHALL CONFORM TO ASTM F1554 GRADE 36.
- SPLICING OF STRUCTURAL STEEL IS PROHIBITED EXCEPT AS DETAILED.
- ALL STRUCTURAL AND MISCELLANEOUS STEEL ITEMS SHALL RECEIVE ONE COAT OF "IRONCLAD RETARDO RUST INHIBITIVE PAINT 163" (BENJAMIN MOORE) OR APPROVED EQUAL UNLESS OTHERWISE INDICATED IN THE SPECIFICATIONS. ALL STEEL SURFACES EMBEDDED IN CONCRETE SHALL NOT BE PAINTED. PREPARATION OF STEEL SURFACES SHALL MEET THE REQUIREMENTS OF THE STEEL STRUCTURES PAINTING COUNCIL (SSPC-SP1) AND THE REMOVAL OF GREASE AND OIL BY SOLVENT CLEANING (SSPC-SP1) AND THE REMOVAL OF MILL SCALE, RUST, WELD FLUX AND SLAG BY HAND TOOL CLEANING (SSPC-SP2). PRIMER SHALL BE APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE BUT NOT LESS THAN ONE GALLON PER 400 SQ.FT. THEREBY DEPOSITING A DRY FILM THICKNESS OF NOT LESS THAN 1.5 MILS. ANY SCARRED AREAS SHALL BE TOUCHED UP WITH THE SAME PAINT AFTER ERECTION.
- ALL WELDING SHALL BE DONE BY QUALIFIED WELDERS IN ACCORDANCE WITH THE CURRENT EDITION OF THE AWS STRUCTURAL WELDING CODE. WELDING ELECTRODES SHALL BE E70XX.

SPECIAL INSPECTIONS

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

- CONCRETE GROUT DESIGN MIX (PERIODIC)
- PLACING OF CONCRETE AND REINFORCING STEEL (CONTINUOUS OF CONCRETE SAMPLING / PERIODIC OF REINFORCING)
- BOLTS & ANCHORS EMBEDDED IN CONCRETE (PERIODIC)
- STRUCTURAL STEEL FABRICATIONS (UNLESS AISC APPROVED) (PERIODIC)
- STRUCTURAL STEEL BOLTING & WELDING (PERIODIC)
- POST INSTALLED ANCHORS IN CONCRETE (CONTINUOUS)
- IN-SITU SOILS, EXCAVATIONS, FILLING & COMPACTION (PERIODIC)
- MASONRY AND REINFORCING STEEL (CONTINUOUS ON CELL GROUTING / PERIODIC ON REINFORCING)
- WOOD FRAMING:
 - SHEAR WALLS; WALL SIZE, CONFIGURATION, BLOCKING, PANEL GRADE, PANEL THICKNESS, AND FASTENING. (PERIODIC)
 - DIAPHRAGMS (FLOOR AND ROOF SHEATHING); SIZE, CONFIGURATION, BLOCKING, PANEL GRADE, PANEL THICKNESS, AND FASTENING. (PERIODIC)
 - FRAMING MEMBERS AND DETAILS (PERIODIC)
 - MATERIAL GRADE (PERIODIC)
 - CONNECTIONS; HANGERS, HOLD DOWNS, BUILT-UP COLUMNS, BUILT-UP BEAMS (PERIODIC)
 - PRE-ENGINEERED TRUSSES; FRAMING, CONNECTIONS, BRIDGING (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.

DESIGN DATA

2024 INTERNATIONAL BUILDING CODE / ASCE 7-22

BUILDING OCCUPANCY CATEGORY	II
ROOF LOAD DATA	
LIVE LOAD	20
METAL ROOF & PURLINS	3.0
PRE-ENGINEERED WOOD TRUSSES @ 2'-0" O.C.	3.0
MECHANICAL ALLOWANCE	4.0
SOLAR	50
TOTAL TO TRUSSES	35 lbs/sq.ft

RAIN LOADING	
15 MINUTE RAIN INTENSITY	6.67 in/hr
60 MINUTE RAIN INTENSITY	3.18 in/hr

ROOF SNOW LOAD DATA* (UNBALANCED & DRIFTING SNOW TO BE DETERMINED IN ADDITION TO UNIFORM LOAD, WHERE APPLICABLE)

p_g =	28 lbs/sq.ft
C_e =	10
C_d =	12
p_f =	23.52 lbs/sq.ft

WIND DESIGN DATA	
V_{ult} =	109 MPH (3-SECOND GUST)
RISK CATEGORY	II
EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT =	+ 0.18
DIRECTIONAL PROCEDURE (MMFRS - ASCE 7, CH 27; C&C - ASCE 7, CH 30, PART 4)	
MAXIMUM COMPONENTS & CLADDING WIND	+/- 32.4 lbs/sq.ft

EARTHQUAKE DESIGN DATA	
RISK CATEGORY	II
I_E =	10
S_D =	0.27
S_1 =	0.11
SITE CLASS	D
S_{DS} =	0.23
S_{D1} =	0.16
SEISMIC DESIGN CATEGORY	C
BASIC SEISMIC FORCE-RESISTING SYSTEM =	
LIGHT-FRAME WALLS WITH SHEAR PANELS OF ALL OTHER MATERIALS	
R =	2
Ω_F =	2.5
C_d =	2.0

DESIGN BASE SHEAR	$V = 0.151W$
EQUIVALENT LATERAL FORCE PROCEDURE	

NET ALLOWABLE SOIL BEARING	1,500 lbs/sq.ft**
(**ASSUMED PER IBC TABLE 1806.2, PRESUMPTIVE LOAD-BEARING VALUES)	

REVISIONS:

No.	Date
BID SET	09/08/2025

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

GREGORY L. LINNEHAN - PE
MO LICENSE - 2005001013

STRUCTURAL ENGINEER:

ENGINEERING CONSULTANTS
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www.crockettengineering.com
Crockett Engineering Consultants, LLC
Missouri Certificate of Authority #2005010101

CLIENT:

UNIVERSITY
OF MISSOURI
225 UNIVERSITY HALL
COLUMBIA, MISSOURI 65211

MU PROJECT #CP252172
WALTON STADIUM TRACK & SOCCER SURFACE UPGRADE

COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

GENERAL
STRUCTURAL DATA

DESIGNED: GLL

DRAWN: SES

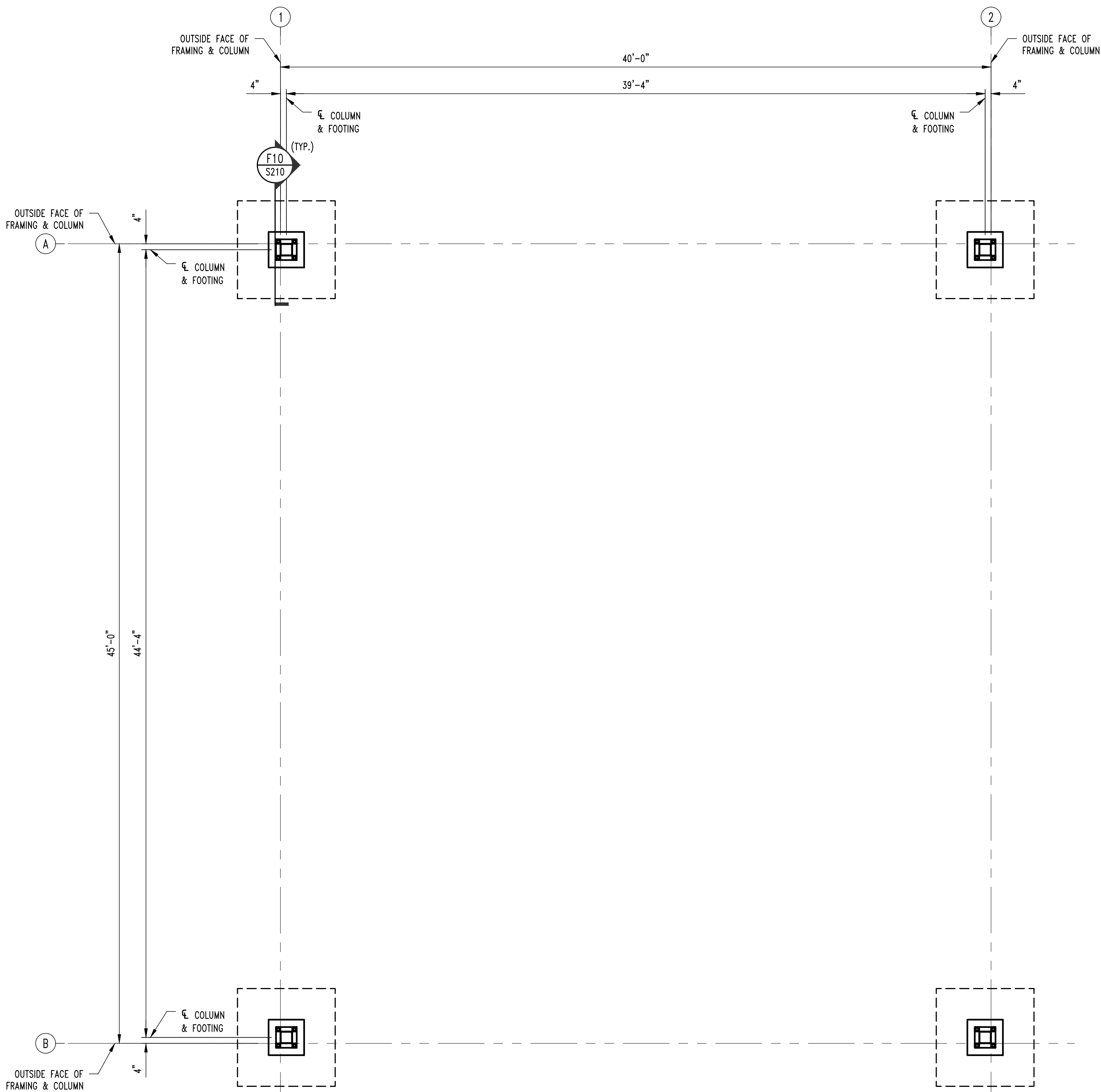
PROJECT NO.: 230519

SHEET:
S100

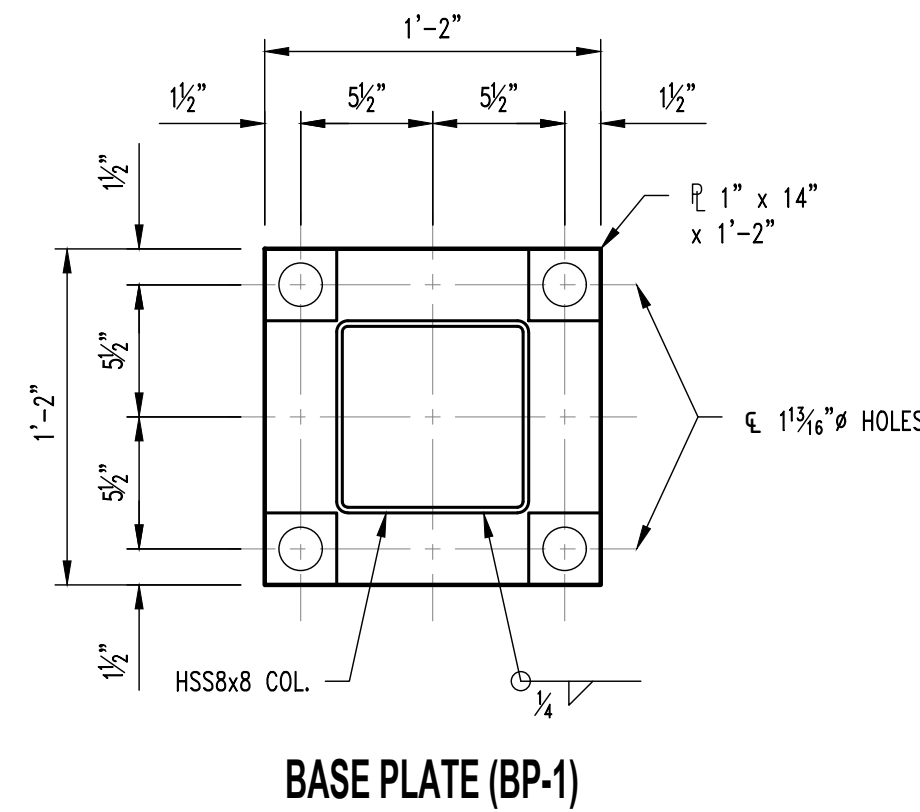
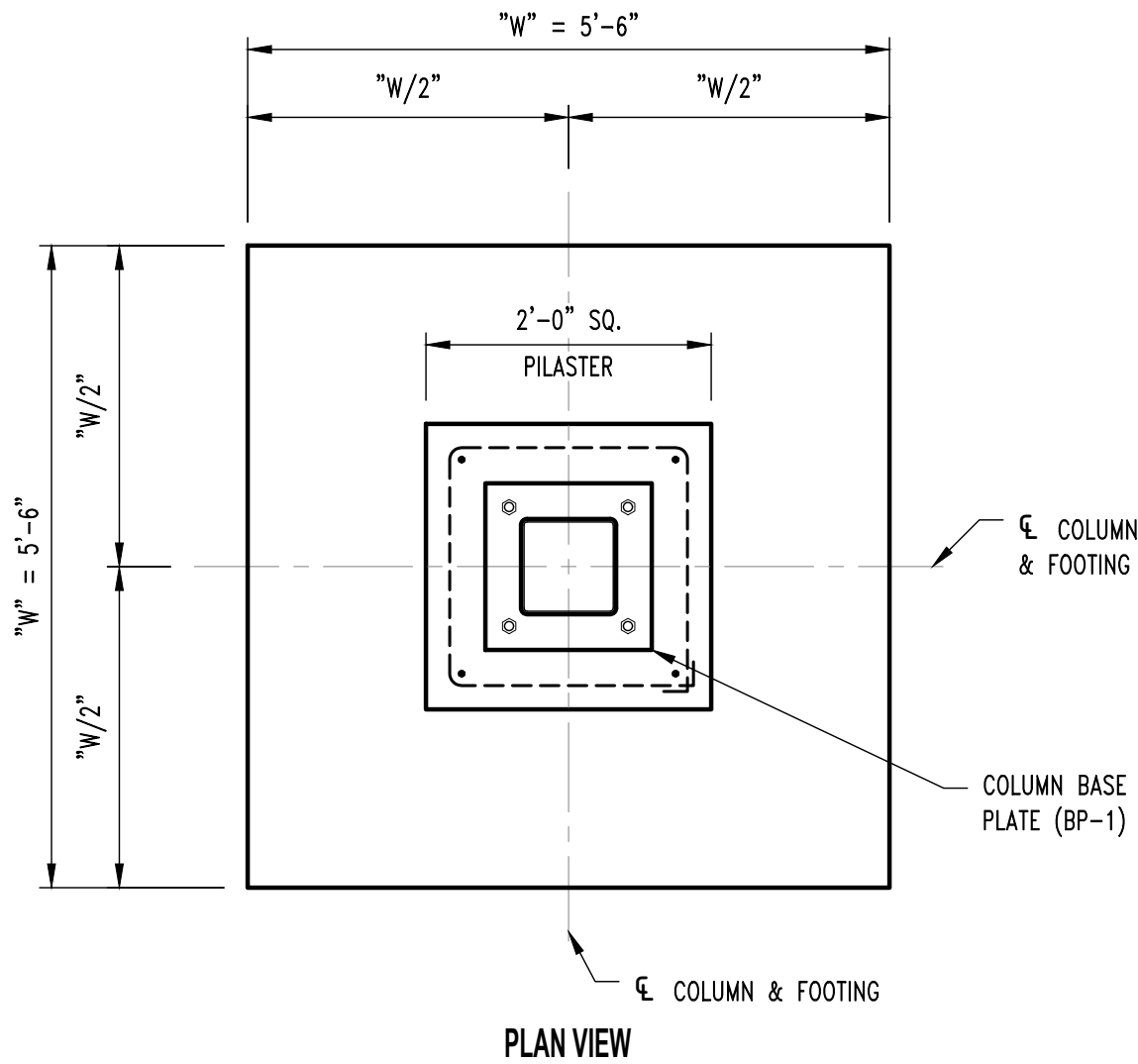
INDEX OF SHEETS

COVER / GENERAL STRUCTURAL DATA	S100
FOUNDATION PLANS & DETAILS	S200

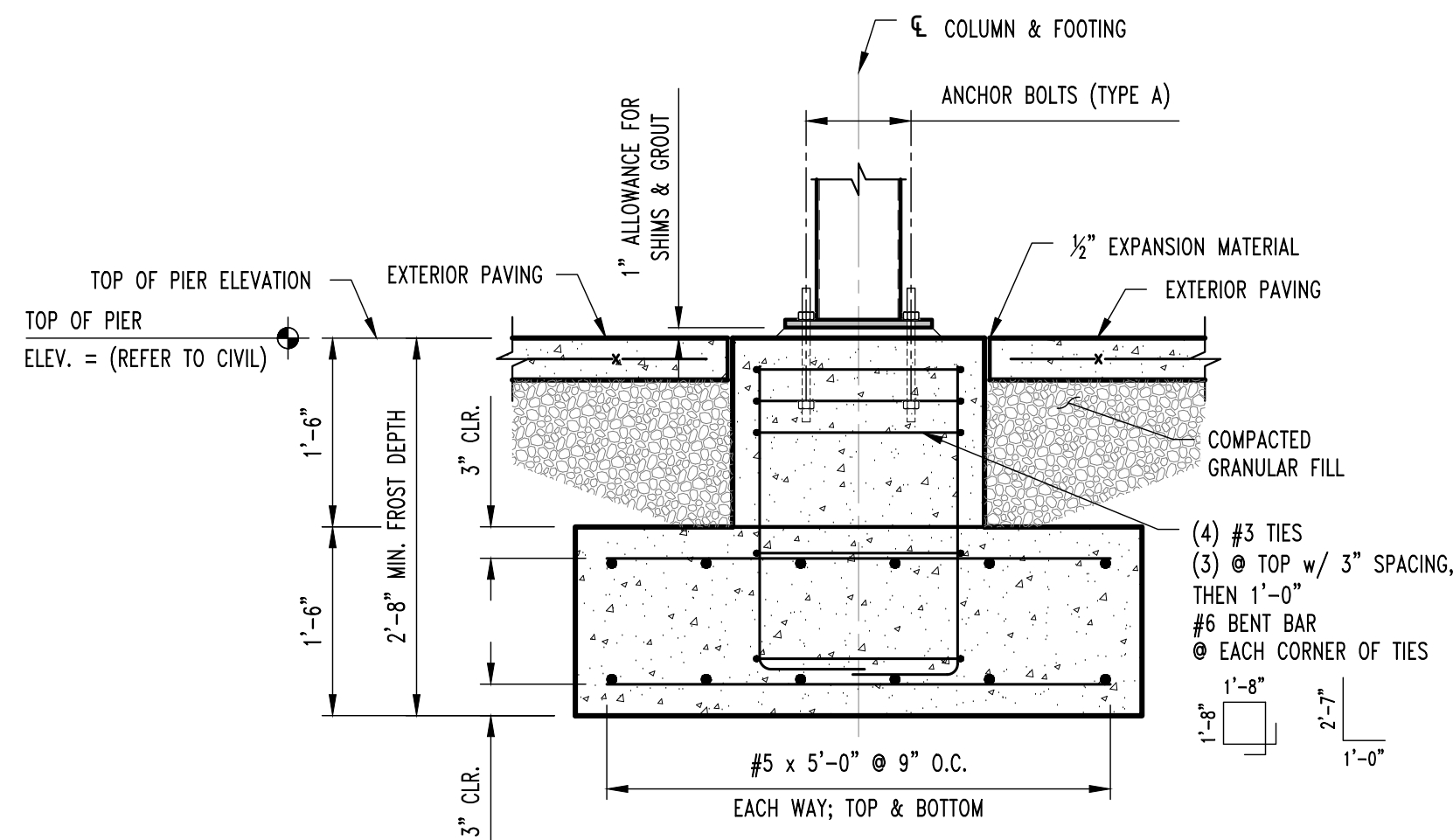
NOTE:
ALL DIMENSIONS ARE FROM FACE OF FOUNDATION WALL OR FRAMING;
EDGE OF SLAB OR TRUSS/RAFTER; OR CENTERLINE
OF COLUMN, BEAM, OR JOIST UNLESS NOTED OTHERWISE.



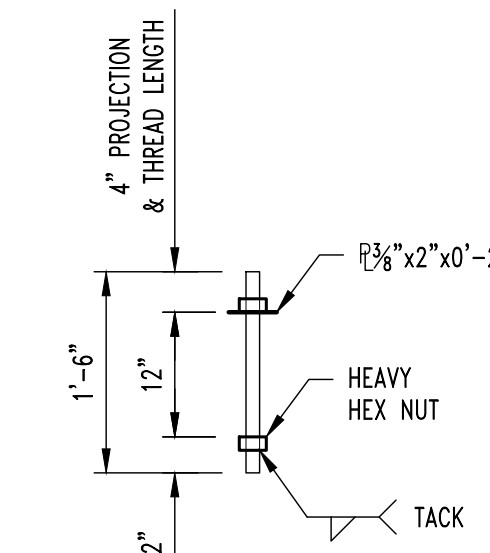
1
S200
FOUNDATION PLAN (ALTERNATE #3)
SCALE: $\frac{3}{4}'' = 1'-0''$
PLAN NORTH



BASE PLATE (BP-1)

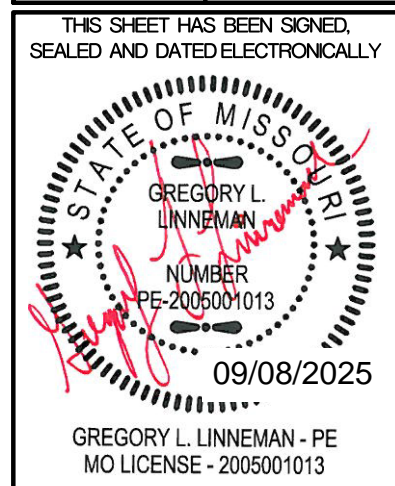


F10
S200
EXTERIOR COLUMN SECTION @ CANOPY
SCALE: $\frac{3}{4}'' = 1'-0''$
NOTE: PROVIDE LEAN CONCRETE FILL BELOW FOOTING TO VIRGIN SOIL.



GALVANIZED F1554 GRADE 36 1" ANCHOR
ANCHOR BOLT DETAIL (TYPE A)

REVISIONS:	
No.	Date
BID SET	09/08/2025



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#2005001013

CLIENT:
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COLUMBIA, MISSOURI
65211

MU PROJECT #CP252172
WALTON STADIUM TRACK & SOCCER SURFACE UPGRADE
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:
FOUNDATION
PLAN & DETAILS

DESIGNED: GLL
DRAWN: SES
PROJECT NO.: 230519
SHEET:
S200



NOTE:

1. SOCCER FIELD STRIPING BY OWNER.
2. CONTRACTOR TO INSTALL TEMPORARY CONSTRUCTION FENCING AROUND WORK AREA AS SHOWN. FENCE SHALL BE CONSTRUCTED OF 9 OR 11-GAUGE CHAIN LINK NOT LESS THAN 6 FEET IN HEIGHT AND NOT MORE THAN 2-INCH MESH WITH POST SPACED NOT MORE THAN 10 FEET APART AND ALL CORNER AND GATE POSTS IMBEDDED IN CONCRETE. ALL OTHER POST SHALL BE SUFFICIENTLY SECURED IN GROUND TO MAINTAIN PROPER AND ADEQUATE SUPPORT OF FENCE. FENCE IN AREA SHALL HAVE AT LEAST 2 ACCESS GATES AND ALL GATES SHALL BE LOCKABLE. CONTRACTOR MAY USE EXISTING FENCE AS CONSTRUCTION FENCING DURING PHASES OF CONSTRUCTION WITH APPROVAL FROM UNIVERSITY.
3. CONTRACTOR TO PROVIDE GREEN JACKET PERMEABLE GROW-IN COVER FOR SOCCER FIELD. BLANKETS SHALL COVER 315'X175' OF SURFACE AREA. CONTRACTOR TO ALSO PROVIDE COVER MASTER ROLLER SYSTEM.

CONSTRUCTION NOTES:

- 12" PERFORATED HPP PIPE AT 1.0% MIN. GRADE.
- INSTALL 24" NYLOPLAST DRAIN BASINS WITH SOLID LID AND STORM SEWER PIPES WITH SOLID LID. REFER TO PLAN FOR ELEVATIONS.
- 4" PERFORATED HDPE DRAIN AT 20' O.C. (TYP.). MIN. GRADE AT 0.5%. REFER TO DETAIL ON SHEET CE 7.2.
- INSTALL 12" INLINE TEE CLEANOUT. REFER TO PLANS FOR DESIGN ELEVATIONS. REFER TO DETAIL ON SHEET CE 7.2.
- EXISTING UNDERGROUND COMMUNICATIONS LINE TO BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.
- INSTALL SILT FENCE. REFER TO PROJECT SWPPP FOR DETAILS.
- INSTALL 10" STORM SEWER AT MIN. 1.0% GRADE AND INSTALL NEW WYE CONNECTION TO EXISTING STORM SEWER.

DEMOLITION NOTE:

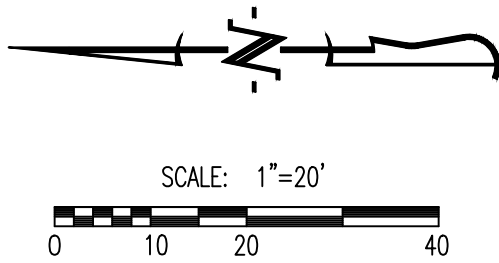
CONTRACTOR TO REMOVE ALL EXISTING TURF, IRRIGATION LINES, AND UNDERDRAINS AS REQUIRED FOR NEW TURF FIELD. ALL REMOVALS TO BE HAULED OFF AND DISPOSED LEGALLY.

EXISTING UTILITY NOTE:

EXISTING UTILITIES ARE SHOWN BASED ON PREVIOUS DESIGN PLANS, FIELD LOCATES, MAPPING AND FIELD EVIDENCE. ACTUAL FIELD LOCATIONS AND SIZE MAY VARY FROM WHAT IS REPRESENTED ON THESE PLANS. CONTRACTOR TO CONTACT UNIVERSITY REPRESENTATIVE IF CONFLICTS WITH EXISTING AND PROPOSED UTILITIES ARISE.

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 RELOCATION OR DISCONNECTING ANY UTILITIES.
4. CONTRACTOR MAY UTILIZE EXISTING FENCING AS TEMPORARY CONSTRUCTION FENCING DURING PHASES OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH THE UNIVERSITY TO ENSURE THAT SITE IS SECURE AT ALL TIME.

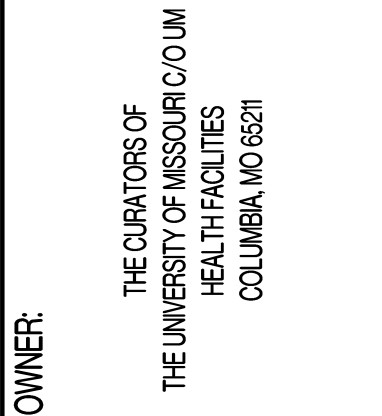
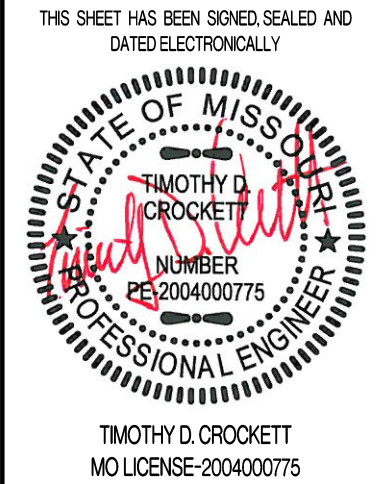


GENERAL EROSION CONTROL NOTES:

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.

REVISIONS:

NO.	DATE
BID SET	09/08/2025

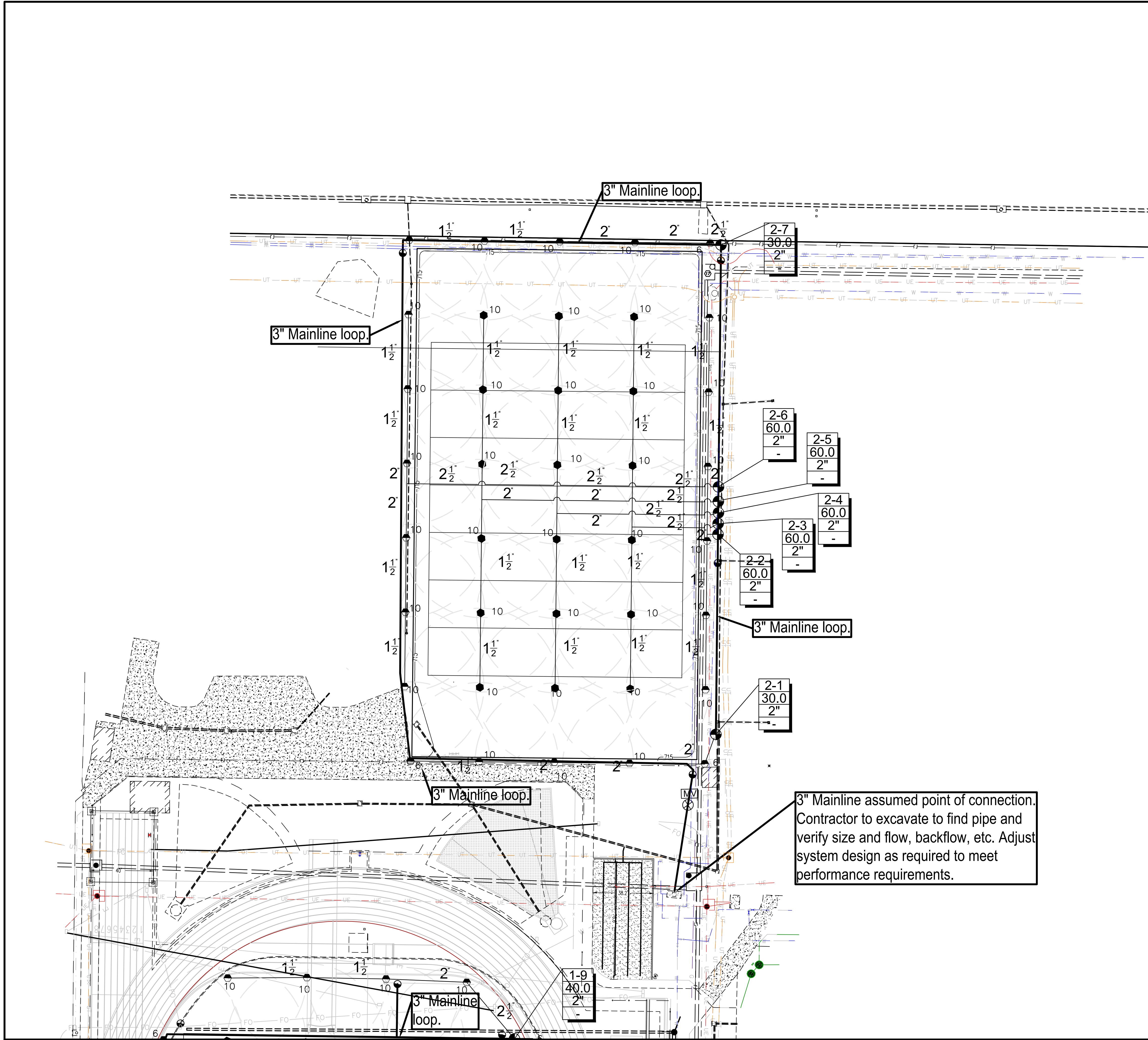


MU PROJECT #CP252172
WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE
COLUMBIA BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

ALTERNATE #1 -
SOCCER
PRACTICE FIELD

DESIGNED:	TDC
DRAWN:	JEE
PROJECT NO:	230519
SHEET:	CE 8.0



IRRIGATION GENERAL NOTES

- DESIGN IS BASED ON A MINIMUM FLOW OF 80 GPM AND PRESSURE OF 80 PSI AT THE POINT OF CONNECTION.
- MINIMUM PRESSURE AT FARTHEST HEAD SHALL BE A MINIMUM OF 60 PSI.
- SPRINKLER LOCATIONS ARE TO SCALE. PIPE LOCATIONS ARE DIAGRAMMATIC. CONSULT WITH ARCHITECT IF CONSTRUCTION VARIES SIGNIFICANTLY FROM PLAN.
- PROVIDE 2 QUICK COUPLING KEYS (1" MALE OUTLET) AND SH-2 SWIVEL HOSE ELL FOR EACH KEY.
- CONTRACTOR SHALL UNCOVER AND VERIFY THE POINT OF CONNECTION INCLUDING BUT NOT LIMITED TO SIZE PRESSURE FLOW, BACKFLOW PROTECTION, ETC.

LEGEND

- [M]** METER – EXISTING
- ⏏** BACKFLOW PREVENTER – EXISTING
- ⊗** MANUAL SHUT-OFF VALVE
- ⊕** PAINBIRD PGA OR PEB REMOTE CONTROL VALVE
- 1" RAINBIRD QUICK COUPLING VALVE.
- RAINBIRD 6504-SS ROTOR WITH STAINLESS STEEL RISERS FULL CIRCLE PART CIRCLE AT ALL PERIMETER HEAD LOCATIONS.
#10 OR #6 NOZZLES AS NOTED ON PLAN.
PRESSURE = 60 PSI
RADIUS = 55 & 47 FT.
FLOW = #10 = 10.0 GPM & #6 = 6.0 GPM
- (A)** CONTROLLER – EXISTING
- MAINLINE PIPE: PVC CLASS 200 – 3"
- LATERAL PIPE: PVC CLASS 200 (SIZE AS SHOWN)
- 1**
50.8
2"
- INDICATES CONTROLLER STATION NUMBER
INDICATES LATERAL DISCHARGE IN GPM
INDICATES REMOTE CONTROL VALVE SIZE

REVISIONS:

NO.	DATE
SD SET	11/28/2023
DD SET	12/1/2025
CD REVIEW	7/16/2025
90% CD'S	8/1/2025
Bld Set	8/27/2025

THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY



PREPARED BY:
VSR Design
Landscape Architecture-Sports-Recreation-Golf
ph: (613) 484-9211
e: vance@vsrdesign.net

OWNER:
THE CURATORS OF
THE UNIVERSITY OF MISSOURI C/O
UM HEALTH FACILITIES
COLUMBIA, MO 65211

MU PROJECT #CP241221
AUDREY J. WALTON TRACK & SOCCER FIELD STADIUM
SOCCER FIELD RENOVATIONS
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

DESIGNED:	xxx
DRAWN:	xxx
PROJECT	N0230519

SHEET:

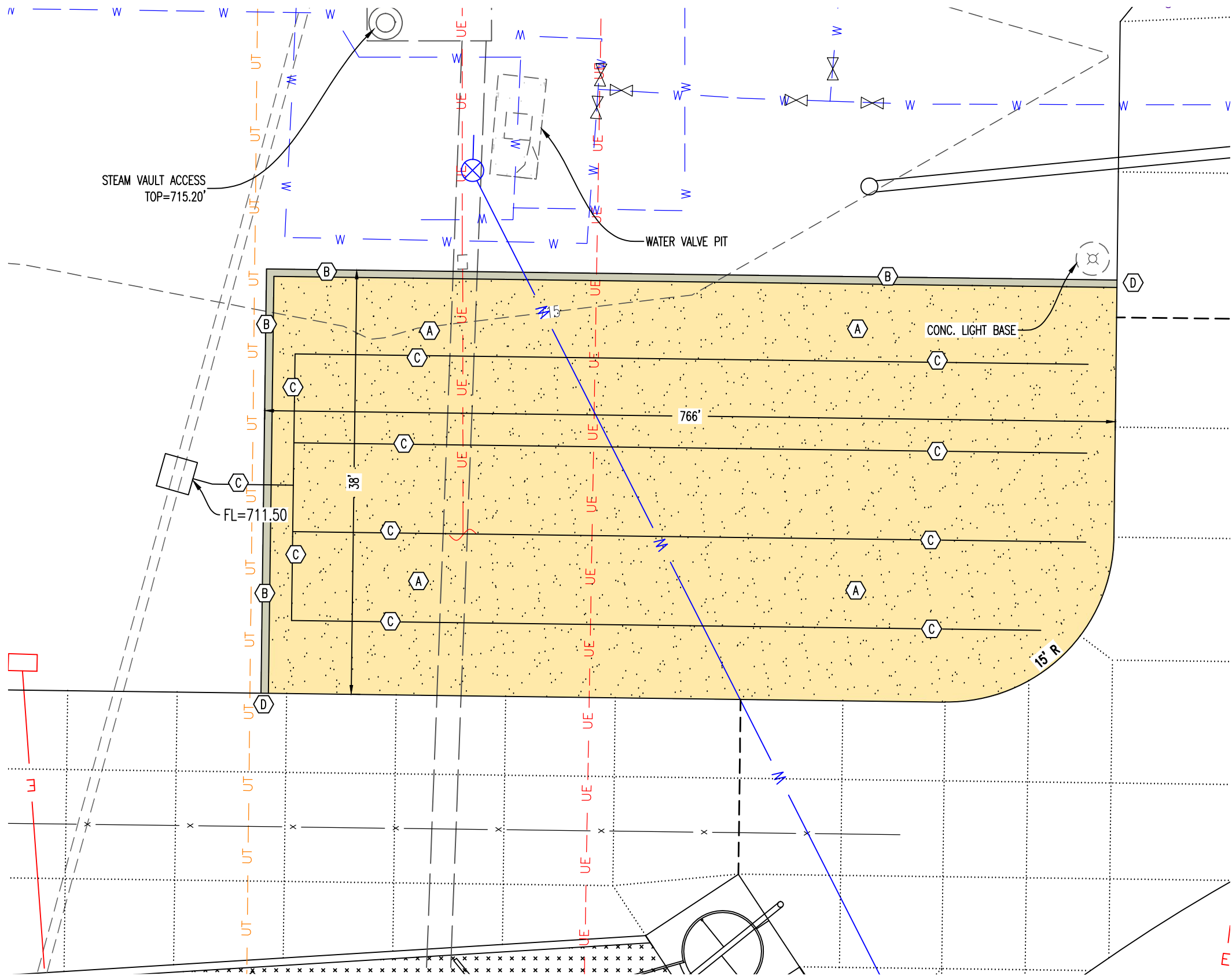
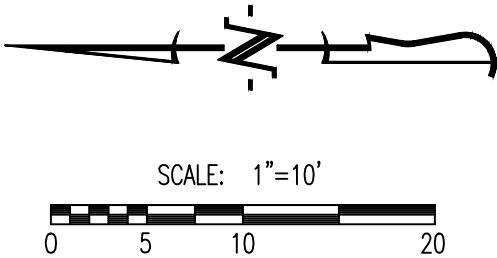
PF 3.2

PLAYING FIELD IRRIGATION PLAN

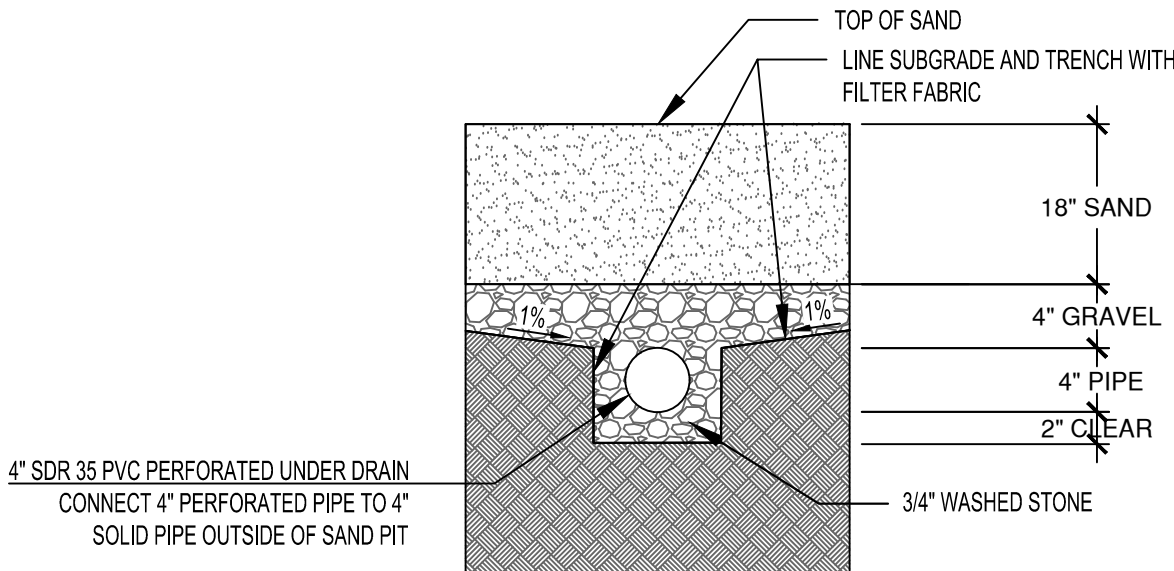
SCALE: 1"=30'

Y:\2023\230519 - CP24\221 - Walton (Audrey J.) Track & Soccer Field Stadium - Soccer Field Renovation\Civil\ACAD Files\Construction Plans\230519_Site Base.dwg

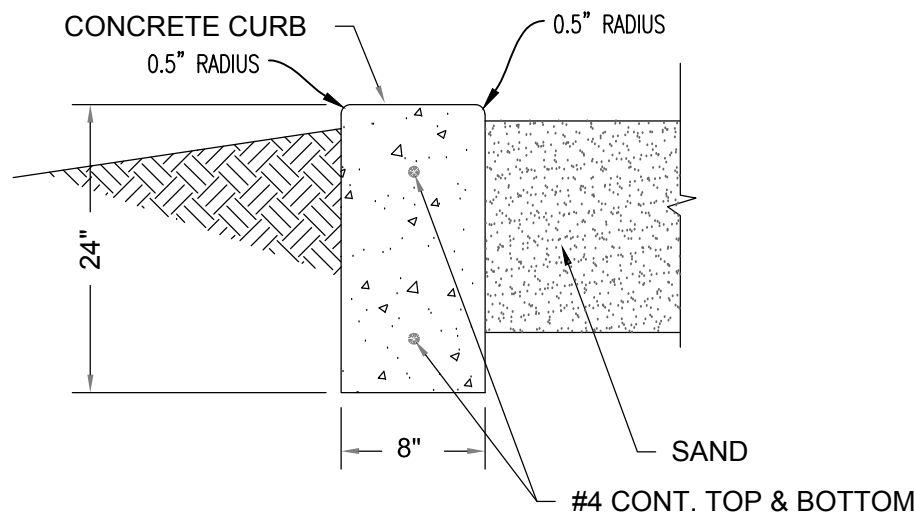
ALTERNATE #2 - SAND PIT



- ALTERNATE #2 - SAND PIT CONSTRUCTION NOTES:
- (A) INSTALL SAND PIT. SAND TO BE 18" THICK AND ALL SAND IN PIT SHALL BE LONG JUMP/TRIPLE JUMP PIT SAND FROM WAUPACO SAND AND SOLUTION.
 - (B) INSTALL CONCRETE CURB. REFER TO DETAIL THIS SHEET.
 - (C) INSTALL 4" PERFORATED UNDER DRAIN. REFER TO DETAIL THIS SHEET. TRANSITION TO SOLID PIPE OUTSIDE OF SAND PIT. CONTRACTOR TO CORE INTO STORM BOX AS REQUIRED.
 - (D) CONTRACTOR TO PIN CURB TO SIDEWALK WITH #4 BARS.



UNDER DRAIN



CURB DETAIL

SCALE: 1 1/2" = 1'-0"

EXISTING UTILITY NOTE:

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NO.	DATE
BID SET	09/08/2025

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TIMOTHY D. CROCKETT
MISSOURI LICENSE 2004000775

PREPARED BY:

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Crockett Engineering Consultants, LLC
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OWNER:

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COLUMBIA, MO 65211

MU PROJECT #CP252172
WALTON STADIUM - TRACK & SOCCER SURFACE UPGRADE
COLUMBIA, BOONE COUNTY, MISSOURI

DRAWING INCLUDES:

ALTERNATE #2 -
SAND PIT

DESIGNED: TDC

DRAWN: JEE

PROJECT NO: 230519

SHEET:
CE 8.1