



University of Kentucky®

Procurement Services

INVITATION FOR BIDS

CCK-2564.0-18-26 HEB BP-07

ADDENDUM #3

08/01/2025

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY: 08/12/2025 @ 3:00 P.M. LEXINGTON, KY TIME

Bidder must acknowledge receipt of this and any addendum as stated in the Invitation for Bids.

ITEM #1: REVISIONS/UPDATES TO THE ORIGINAL BID DOCUMENTS

- Please refer to the enclosed additional information from the project team as you prepare your bid.

ITEM #2: NOTICE TO BIDDERS

- The bid "Due Date" has been extended to 08/12/2025.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

08/01/2025

Ken Scott

Ken Scott / (859) 257-9102

SIGNATURE

Typed or Printed Name

University of Kentucky
Procurement Services
322 Peterson Service Building
Lexington, KY 40506-0005

An Equal Opportunity University

UK Construct Health Education Building
ADDENDUM No. 3
CCK-2564.0-18-26
08/1/2025

Item No. 01 See answers to all submitted questions.

Item No. 02 JRA Addendum No.03 - include all work scope items, clarifications, etc. as detailed consistent with your trade contract work scope document.

Item No. 03 Re: Form of Proposal TC-044, Grading and Site Storm, Attachment B, Use attached revised scope of work.

Item No. 04 Re: Form of Proposal TC-045, Landscapes, Attachment B, Use attached revised scope of work.

Item No. 05 Re: Form of Proposal TC-046, Hardscapes and Loading Dock, Attachment B, Use attached revised scope of work.

Item No. 06 Re: Form of Proposal TC-047, Site Electric, Attachment B, Use attached revised scope of work.

Item No. 07 See attached revised Project General Work Requirements.

Item No. 08 Replace Sketch SK-001 "Site Logistics Plan" with new SK-001 "Site Logistics Plan".

Item No. 09 Replace SK-005 "BP-07 Retention Sketch" with new SK-007 "Retention Sketch"

Item No.09 Added Attachment G BP-07 Bid Schedule

Item No.10 Added Sketch SK-007 "Existing Retention System As Built"

FOR THE PROJECT TITLED:

Health Education Building
UK Project No. 2564 BP-06
JRA Project No. 202170
BP07 – Loading Dock
University of Kentucky
Lexington, Kentucky

To: Prospective Bidders

From: JRA Architects
301 East Vine Street
Lexington, KY 40507

Project Contact: D. Robert Deal, AIA, LEED AP
Inga Hardman, AIA

The Addendum will form a part of the Contract Documents and modifies the original Bidding Documents dated July 2025.

Bidders must acknowledge receipt of this Addendum in the space provided on the Form of Proposal. Failure to do so may subject the bidder to disqualification.

Bidding Documents, including the Drawings and Specifications, are amended as described herein.

ADDENDUM ITEMS:

CIVIL

ITEM NO. 3.01

Refer to the following attached drawings for revisions associated with this addendum.

- a. C101 – Erosion Control Details
- b. C102 – Erosion Control Plan
- c. C201 – Site Demolition Plan
- d. C600 – Site Drainage Plan North
- e. C700 – Site Layout and Materials Plan – North
- f. C701 – Site Layout and Material Plan
- g. C702 – Site Layout and Materials Plan Enlargements
- h. C703 – Main Plaza Paver Pattern
- i. C800 – Site Grading Plan – North
- j. C801 – Site Grading Plan
- k. C802 – Site Grading Plan Enlargements
- l. C900 – Soils Plan – North
- m. C901 – Soils Plan – South
- n. C1100 – Site Details
- o. C1101 – Site Details
- p. C1200 – Landscape Plan – North
- q. C1201 – Landscape Plan – South

ELECTRICAL

ITEM NO. 3.02

Refer to the attached Specification 26 0504 Sleeving, Cutting, Patching and Repairing

- a. The attached specification 26 0504 is hereby incorporated into the project documents.

ITEM NO. 3.03

Refer to attached Drawing E-111 BP-07 ELECTRICAL PLANS AND SCHEDULES for changes including:

- a. Added notes clarifying location of panels supplying courtyard lighting.
- b. Added note clarifying conduit install requirements for courtyard lighting fixtures.
- c. Revised tagged notes to provide clarity on lighting control requirements.

SITE UTILITIES**ITEM NO. 3.04**

Refer to attached Drawing EU211 - SITE UTILITY PLAN AREA A - MEP NEW WORK for changes including:

- a. Note UE28 removed.
- b. Revised tagged notes to indicate conduit sizes for manhole and vault circuits.
- c. Revised tagged notes to provide clarity on lighting control requirements.
- d. Added locations of rooms and panels referred to in tagged notes.
- e. Added note clarifying location of HPS-037
- f. Added site note Z clarifying requirements for site circuits.

ITEM NO. 3.05

Refer to attached Drawing EU212 - SITE UTILITY PLAN AREA B - MEP NEW WORK for changes including:

- g. Revised tagged notes to provide clarity on lighting control requirements.
- h. Added locations of rooms and panels referred to in tagged notes.

ITEM NO. 3.06

Refer to attached Drawing EU510 - ELECTRICAL SITE DETAILS for changes including:

- a. Added chilled water vault power detail.

ARCHITECTURAL**ITEM NO. 3.07**

Refer to Specification Section – 071326 – SHEET WATERPROOFING. Add acceptable manufacturer Carlisle CCW (Henry)

STRUCTURAL**ITEM NO. 3.08**

Refer to attached sheet S-101B. Showed location and extents of slab turndowns and drainage gaps on plan. Relocated section C/S-101C and added section J/S-101C.

ITEM NO. 3.09

Refer to attached sheet S-101C. Added notes to section C/S-101C clarifying concrete extents and waterproofing intents. Added section J/S-101C to clarify patio east edge detailing.

ITEM NO. 3.10

Refer to sheet S-101D. In the steel column schedule, remove the beam over column symbol for columns Z1-ZA and Z2-ZA. Top of these two columns shall be flush with top of the steel beams and these two columns shall have a 5/16" cap plate with all-around seal weld.

ITEM NO. 3.11

Refer to attached sheet S-101E. Add detail F/S-101E clarifying steel connections to top of columns.

ITEM NO. 3.12

Refer to attached sheet S-101E. In detail G/S-101E, add stiffener plates for edge steel support adjacent to main building.

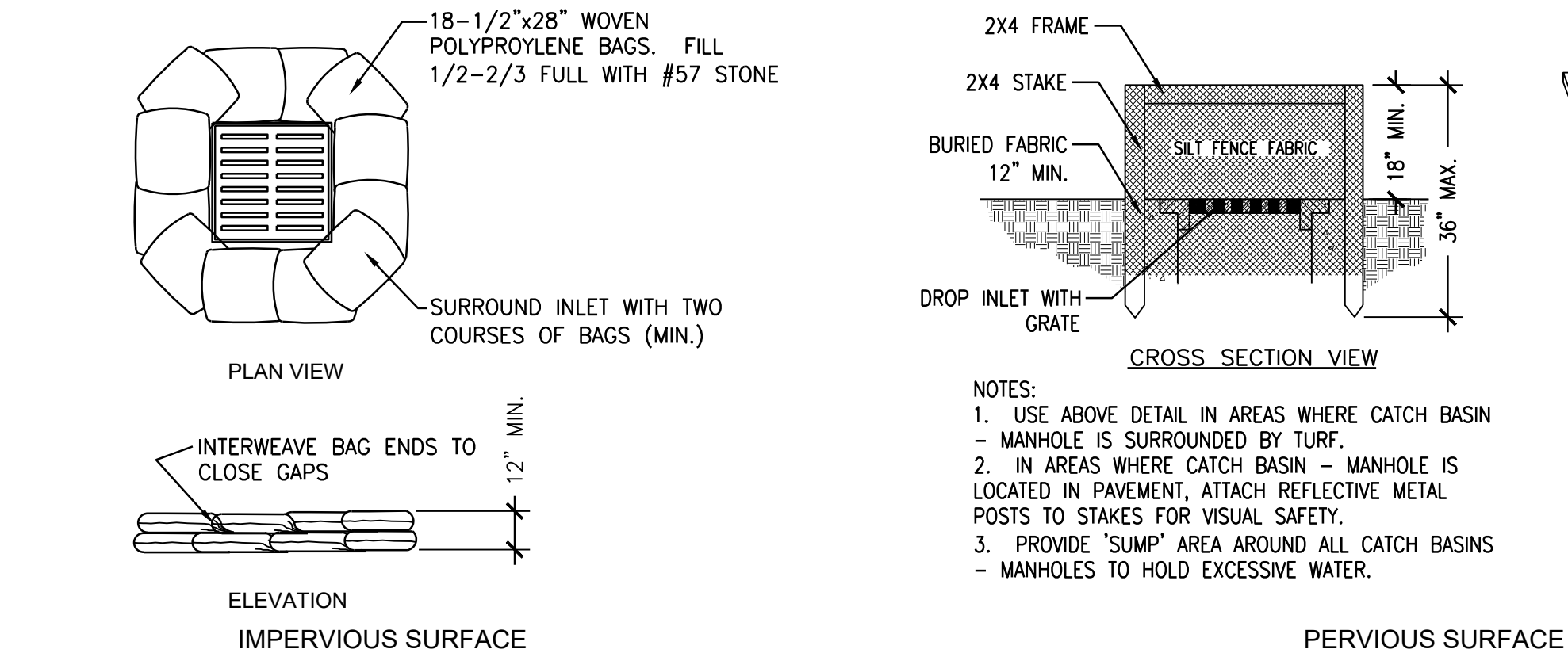
ITEM NO. 3.13

Refer to attached sheet S-101E. Add detail H/S-101E clarifying roof edge structural detailing over loading dock ramp area.

ATTACHMENTS:

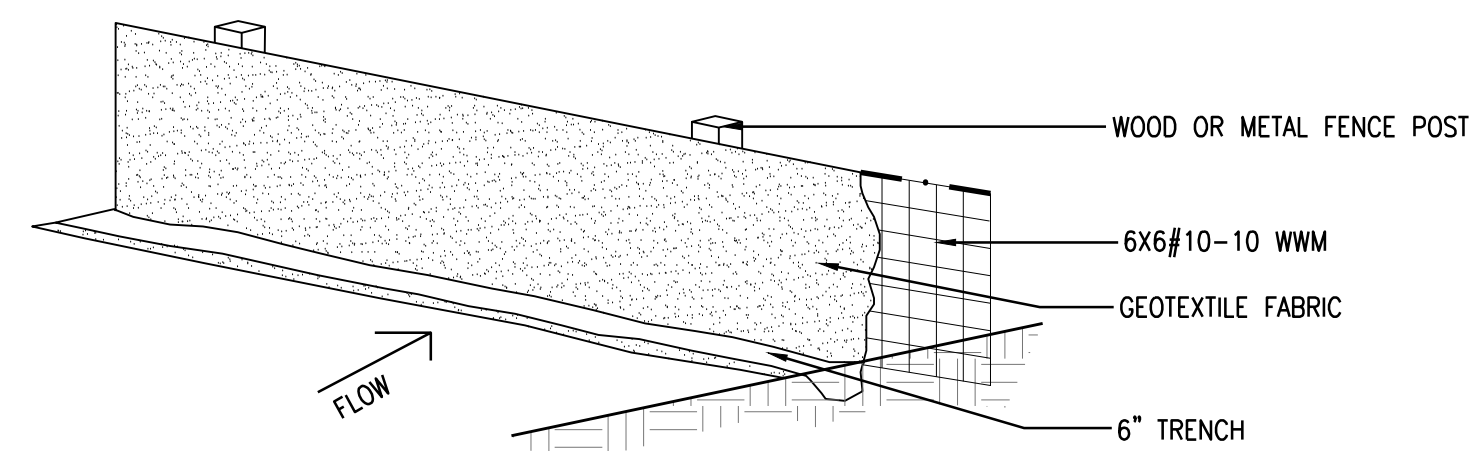
- C101
- C102
- C201
- C600
- C700
- C701
- C702
- C703
- C800
- C801
- C802
- C900
- C901
- C1100
- C1101
- C1200
- C1201
- S-101B
- S-101C
- S-101E
- E-111
- EU211
- EU212
- EU510
- Specification 26 0504

END OF ADDENDUM NO. 3.0



A INLET PROTECTION

SCALE: NTS



POSTS: HARDWOOD OR STEEL GREATER THAN 4' IN HEIGHT. FOR HARDWOOD, PROVIDE A MINIMUM 1-1/2" BY 1-1/2" CROSS SECTION. FOR STEEL, PROVIDE A 1-1/4" BY 1" 1-SECTION WITH PROJECTIONS TO FASTEN WIRE AND FABRIC IN POSITION.

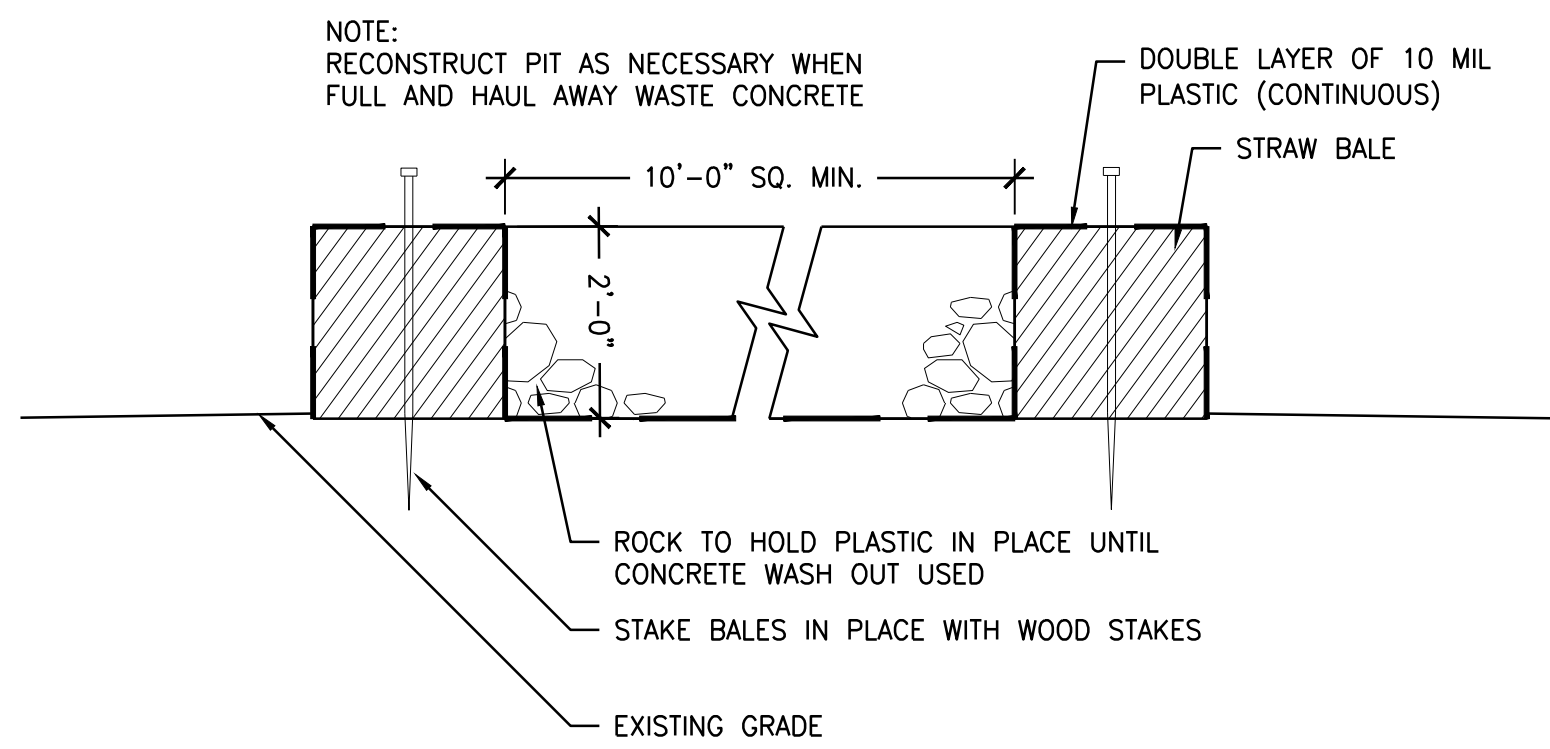
WOVEN OR WELDED WIRE FABRIC: PROVIDE FABRIC WITH A MINIMUM HEIGHT OF 2'-8". REQUIRE AT LEAST 6 HORIZONTAL WIRES SPACED 6-1/4 INCHES OR CLOSER WITH THE TOP AND BOTTOM WIRES 0.134 INCH OR LARGER AND ALL OTHER WIRES 0.1 INCH OR LARGER. REQUIRE 0.1 INCH OR LARGER VERTICAL WIRES SPACED 12" OR CLOSER.

GEOTEXTILE FABRIC: CONFORM TO AMSHTO M288 FOR TEMPORARY SILT FENCE. PROVIDE FABRIC WITH A HEIGHT OF 3". FABRIC TO BE AMOCO 2130 OR EQUAL.

- NOTES:**
1. THE BOTTOM 6" OF GEOTEXTILE SHALL BE BURIED IN A TRENCH CUT INTO THE GROUND ON UPSTREAM SIDE OF FENCE.
 2. FENCE POST AND FABRIC WILL BE ACCEPTED BASED ON VISUAL INSPECTION BY THE LANDSCAPE ARCHITECT IN THE FIELD. GEOTEXTILE FABRIC WILL BE ACCEPTED UPON RECEIPT OF THE CERTIFICATION FROM THE MANUFACTURER THAT IT IS SUITABLE FOR USE AS SILT FENCE.
 3. THE SILT FENCE SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. THE SILT FENCE SHALL BE ERECTED BEFORE GRADING IS BEGUN IN THE AREA TO BE PROTECTED. POSTS SHALL BE INSTALLED AT 6 TO 8 FEET SPACING (CLOSER SPACING SHOULD BE USED IN AREAS WHERE RAPID RUN-OFF IS TO BE EXPECTED) AND FENCE FABRIC ATTACHED. THE WIRE FABRIC AND GEOTEXTILE FABRIC SHALL BE ATTACHED TO THE POSTS ON THE UPHILL SIDE USING STAPLES, HOG-RINGS OR OTHER APPROVED METHOD.
 4. DURING THE USEFUL LIFE OF THE SILT FENCE, IT SHALL BE MAINTAINED BY THE CONTRACTOR AND SILT ACCUMULATIONS THAT THREATEN DAMAGE TO THE FENCE SHALL BE REMOVED. AFTER THE USEFULNESS OF THE FENCE HAS ENDED, IT SHALL BE REMOVED AND DISPOSED OF AND THE ACCUMULATED SILT EITHER REMOVED OR DRESSED IN PLACE AS DIRECTED, AND THE ENTIRE AREA SEEDED AND PROTECTED.

D SILT FENCE

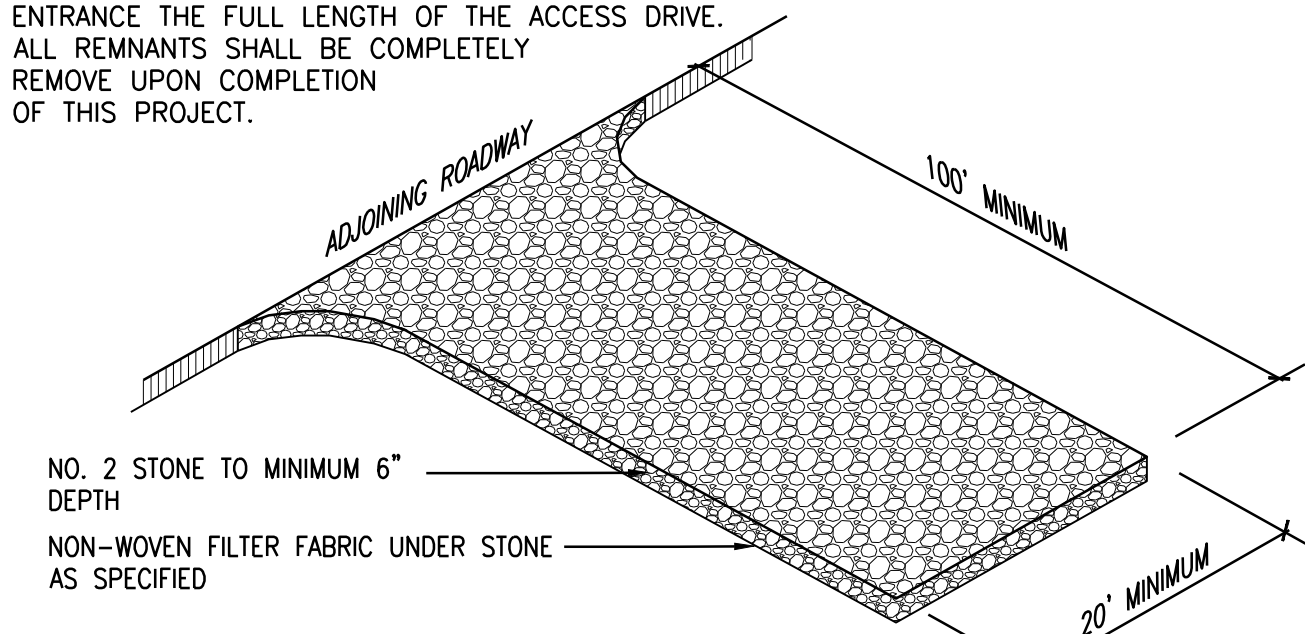
SCALE: NTS



B CONCRETE WASHOUT PIT

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

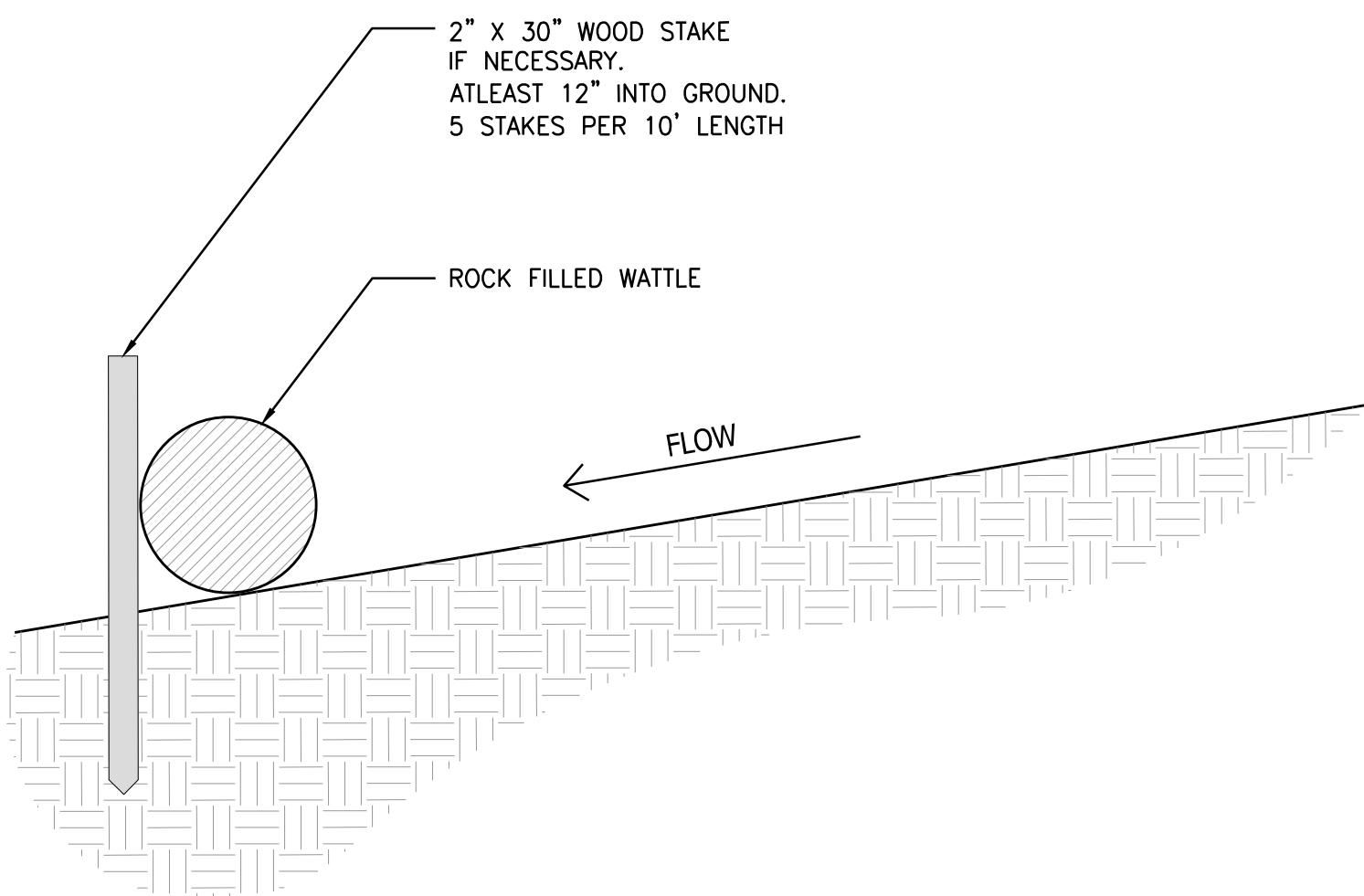
SPECIAL NOTE:
THIS CONSTRUCTION ENTRANCE DETAIL IS A MINIMUM. THE CONTRACTOR MAY ELECT TO INSTALL A STONE CONSTRUCTION ENTRANCE THE FULL LENGTH OF THE ACCESS DRIVE. ALL REMNANTS SHALL BE COMPLETELY REMOVE UPON COMPLETION OF THIS PROJECT.



- NOTES:**
1. TURNING RADI SHALL BE PROVIDED SUFFICIENT TO ACCOMMODATE LARGE TRUCKS AND OTHER EQUIPMENT TO ACCESS CONSTRUCTION AREA.
 2. STONE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO ROADWAY. PERIODIC TOP DRESSING WITH STONE WILL BE NECESSARY.
 3. ANY MATERIAL WHICH STILL MAKES IT ONTO THE ROADWAY MUST BE CLEANED UP IMMEDIATELY.

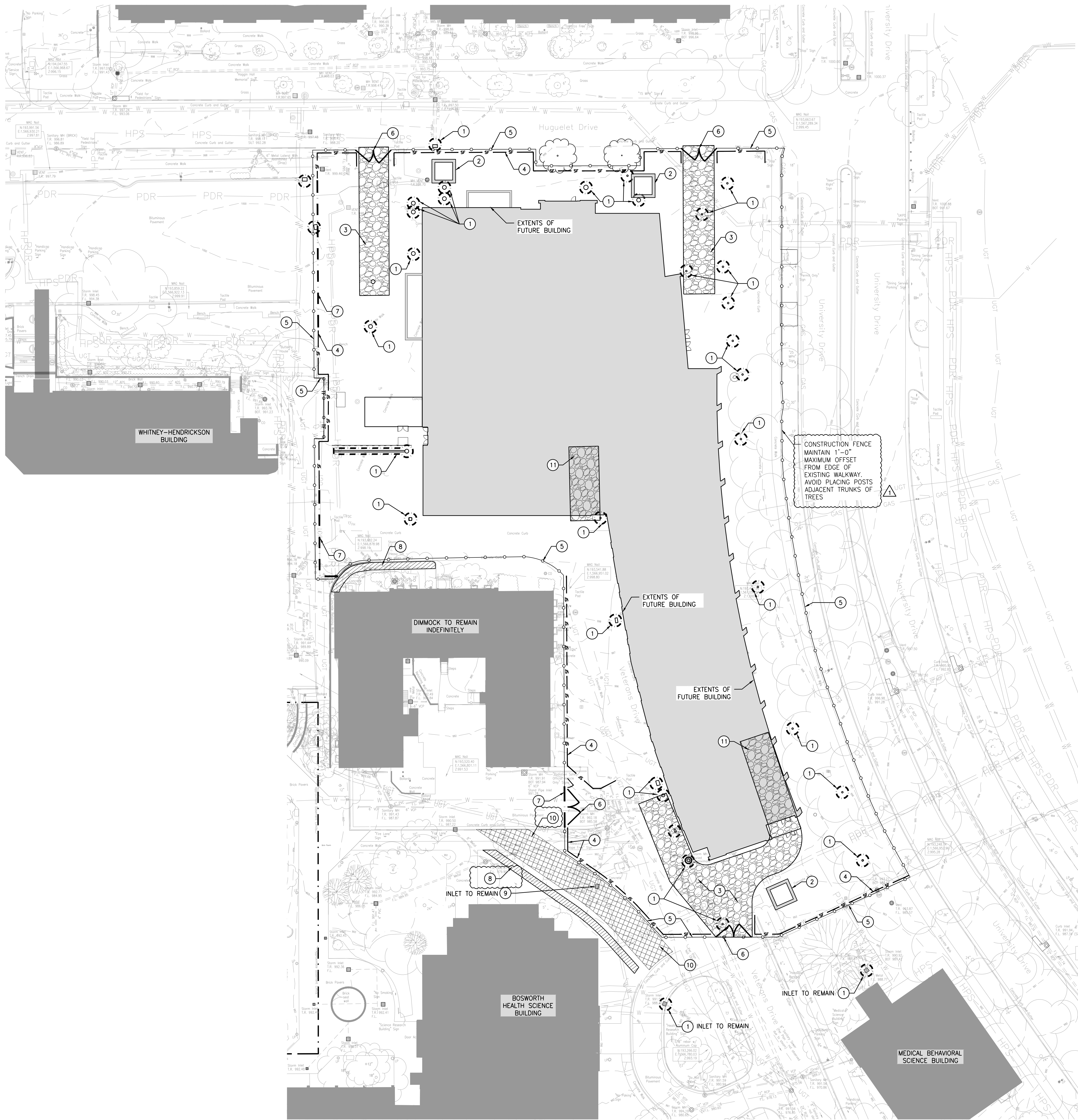
C CONSTRUCTION ENTRANCE

SCALE: NTS



E WATTLES

SCALE: NTS



Erosion Control Plan

EROSION CONTROL NOTES

- CONTRACTOR SHALL ENSURE THAT HE/SHE IS IN POSSESSION OF A SET OF APPROVED FINAL CONSTRUCTION DOCUMENTS AND STORM WATER POLLUTION PREVENTION PLANS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION. COPIES OF THE APPROVED PLANS AND PERMITS SHALL BE KEPT ON THE SITE AT ALL TIMES AND MADE AVAILABLE TO INSPECTORS.
- AS PART OF THE KENTUCKY POLLUTION DISCHARGE ELIMINATION SYSTEM, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT AN NOI-SWCA TO THE KENTUCKY DIVISION OF WATER. APPLICANTS MUST FILE USING THE ELECTRONIC WEB BASED NOI SUBMISSION SYSTEM AT THE FOLLOWING WEB ADDRESS: <https://dep.gotowork.com/eforms/default.aspx?formId=7> COMPLETION OF THE NOI-SWCA SHALL BE COMPLETED A MINIMUM OF SEVEN (7) DAYS BEFORE THE PROPOSED DATE FOR COMMENCEMENT OF CONSTRUCTION ACTIVITIES. COPY OF THE APPROVED NOI-SWCA SHALL BE SUBMITTED TO CARMAN AND UK ENVIRONMENTAL DEPARTMENT. CONTRACTOR SHALL PERFORM INSPECTIONS AND KEEP ON-SITE RECORDS OF INSPECTIONS AND MAINTENANCE OF EROSION CONTROL DEVICES AS DESCRIBED IN THE SPECIFICATIONS AND KYR10.
- CONTRACTOR SHALL INSTALL CONSTRUCTION ENTRANCE AS INDICATED ON THE PLANS. CONSTRUCTION ENTRANCE SHALL BE UNDERLAIN WITH NON-WOVEN FILTER FABRIC.
- CONTRACTOR TO INSTALL CONCRETE WASH OUT PIT AS INDICATED ON THE PLANS, THOUGH LOCATION MAY MOVE (WITH APPROVAL OF UK ENVIRONMENTAL DEPARTMENT) AS NECESSARY TO BEST SUIT OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONCRETE WASH, FUNCTIONING PROPERLY WITH BUILDUP OF MATERIALS DISPOSED OF OFF-SITE IN A LAWFUL MANNER.
- SILT FENCE AND WATTLES SHALL BE INSTALLED AS INDICATED ON THE PLAN PRIOR TO MOBILIZATION OF THE SITE. SILT FENCE IS TO BE INSTALLED FOLLOWING CONTOURS AS APPLICABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF SILT FENCE AND REMOVAL OF SILTATION WHEN IT REACHES ONE-THIRD FENCE HEIGHT. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF SILT FENCE AT SUCH TIME THAT SEEDING IS 70% ESTABLISHED AND/OR SOD ESTABLISHED SO THAT NO EROSION IS OCCURRING REGARDLESS OF TIMING. SILT FENCE SHALL BE REMOVED AT NO COST TO THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING ASPHALT FREE FROM MUD, DIRT, DEBRIS, ETC.
- CONTRACTOR SHALL ESTABLISH INLET PROTECTION FOR ALL PROPOSED AND EXISTING STRUCTURES AND SHALL MAINTAIN THE FUNCTIONALITY OF THE PROTECTION THROUGHOUT THE TIME EXTENT OF THE PROJECT.
- AFTER CONSTRUCTION ENTRANCE, SILT FENCE, CONCRETE WASHOUT PIT, AND INLET CONTROLS HAVE BEEN INSTALLED AND APPROVED BY THE UK ENVIRONMENTAL DEPARTMENT, PROCEED WITH TOPSOIL STRIPPING AND MASS EXCAVATION. TOPSOIL SHALL BE STOCKPILED OFF-SITE.
- THE CONTRACTOR SHALL PHASE CONSTRUCTION TO MINIMIZE THE AMOUNT OF DISTURBED AREA AT ANY ONE TIME, STABILIZE AND COVER WITH GRAVEL OR SEEDING AS QUICKLY AS POSSIBLE. USE ON SITE CONTROLS SUCH AS DIVERSIONS, SUMPS, AND STRAW BALES AS NECESSARY TO PREVENT OFF SITE RUNOFF. EXTRA EFFORT SHOULD BE EXERCISED PRIOR TO WINTER OR RAINY SEASON TO HAVE ALL SITE CONTROLS IN PLACE. DISTURBED AREAS WHERE CONSTRUCTION WILL CEASE FOR MORE THAN 14 DAYS WILL BE STABILIZED WITH EROSION CONTROLS.
- CONTRACTOR SHALL MAINTAIN SITE AFTER ANY RAINFALL EVENT BY CLEANING SILT AND DEBRIS FROM STREETS, YARDS, ETC. AND THE RE-ESTABLISHMENT OF ANY DAMAGED EROSION CONTROL DEVICE OR MEASURE INCLUDING TEMPORARY OR PERMANENT SEEDING.
- CONTRACTOR SHALL INSPECT SITE DAILY AND IMMEDIATELY FOLLOWING A RAINFALL EVENT TO ENSURE THAT EROSION CONTROL DEVICES ARE FUNCTIONING PROPERLY AND, IF NOT, THE CONTRACTOR SHALL TAKE ACTIONS TO REMEDIATE ANY EROSION CONTROLS AT NO ADDITIONAL COST TO THE OWNER.
- ALL WORK, CONSTRUCTION REQUIREMENTS, AND PERFORMANCE STANDARDS SHALL COMPLY WITH LOCAL AND STATE JURISDICTIONS AND/OR STANDARDS.
- TEMPORARY STABILIZATION OF TOPSOIL STOCKPILE AND DISTURBED PORTIONS OF THE SITE SHALL BEGIN WITHIN 14 DAYS ON AREAS WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY (FOR 21 DAYS OR MORE) CEASED. TEMPORARY STABILIZATION CAN BE ACCOMPLISHED THROUGH SEEDING RYE (GRAIN) APPLIED AT A RATE OF 120 POUNDS PER ACRE AND/OR STRAW MULCHING AT A RATE OF 4,000 POUNDS OF STRAW PER ACRE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTIVE ACTION REQUIRED BY ANY LOCAL, STATE OR FEDERAL AGENCY THAT HAS JURISDICTION FOR SITE EROSION CONTROL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES SUCH AS SILT FENCE, SEDIMENT BASINS, ROCK CHECKS, INLET PROTECTION, ETC. AT SUCH TIME THE SITE HAS BECOME STABILIZED AND DEVICES OR CONTROLS ARE NO LONGER NECESSARY. AFFECTED AREAS SHALL BE RETURNED TO THE CONTOURS PER THE GRADING PLAN.
- THIS PLAN REFLECTS THE MINIMUM REQUIRED EROSION CONTROL MEASURES TO STABILIZE THE SITE. ADDITIONAL MEASURES MAY BE NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE SITE AT NO COST TO THE OWNER.
- ALL STORM INLET OR OPEN PIPES SHALL BE FULLY PROTECTED TO PREVENT SEDIMENT FROM ENTERING THE SYSTEM. IF SEDIMENT ENTERS THE SYSTEM, THE CONTRACTOR SHALL FLUSH THE LINES CLEAN TO THE WOU WHERE A VAC TRUCK CAN REMOVE WITHOUT RELEASING DOWNSTREAM. NO SEDIMENT SHALL BE RELEASED DOWNSTREAM. VISUAL INSPECTION BY CAMERA MAY BE REQUESTED TO ENSURE THE SYSTEM IS PROPERLY MAINTAINED AT NO COST TO THE OWNER.
- CONSTRUCTION DUMPSTERS SHALL BE COVERED EACH NIGHT AND WHEN NOT ACTIVELY BEING USED.
- THE CONTRACTOR SHALL POST SIGNAGE OR OTHER NOTICE OF PERMIT COVERAGE AT A SAFE, PUBLICLY ACCESSIBLE LOCATION IN CLOSE PROXIMITY TO THE CONSTRUCTION SITE. THE NOTICE MUST BE LOCATED SO THAT IT IS VISIBLE FROM THE PUBLIC ROAD THAT IS NEAREST THE CONSTRUCTION TRAILER. THIS NOTICE (SIGNAGE) MUST INCLUDE THE KPDOS PERMIT NUMBER, CONTACT NAME AND PHONE NUMBER FOR OBTAINING ADDITIONAL CONSTRUCTION SITE INFORMATION SUCH AS A COPY OF THE SWPPP. THE SIGNAGE MUST INCLUDE INFORMATION APPRISING THE PUBLIC ON HOW TO CONTACT THE STATE IF STORMWATER POLLUTION IS OBSERVED IN THE DISCHARGE.
- DEWATERING SHALL BE ACCOMPLISHED BY PUMP DISCHARGE INTO SILT BAGS PLACED IN BED OF DUMP TRUCKS FILLED WITH #57 STONE UP TO WHERE WATER WOULD OVERFLOW FROM TRUCK BED. TRUCK BED ACTS AS A STILLING BASIN TO TRAP ANY SEDIMENT NOT CAPTURED BY SILT BAG. TRUCK SHALL BE PLACED AT DISCHARGE STORM STRUCTURE, OVERFLOW WATER THEN ENTERS INLET WITHOUT ANY NEW EROSION.

CODED EROSION CONTROL NOTES

KEY	SYMBOL	DESCRIPTION	DETAIL
1		INLET PROTECTION - PROTECT INLETS UNTIL THE COMPLETION OF CONSTRUCTION	A/C101
2		CONCRETE WASHOUT PIT, LOCATE & SIZED AS NEEDED - CONTRACTOR SHALL DISPOSE AND INSTALL NEW WASHOUT ONCE 90% CAPACITY HAS BEEN FILLED. SEE DETAIL FOR ADDITIONAL MAINTENANCE REQUIREMENTS.	B/C101
3		CONSTRUCTION ENTRANCE, EXISTING PAVEMENT MAY BE USED. 20' MINIMUM WIDTH	C/C101
4		SILT FENCE	D/C101
5		CONSTRUCTION FENCE PER UK STANDARDS, MAINTAIN MAXIMUM 1' OFFSET FROM EXISTING UNIVERSITY DRIVE SIDEWALK FOR FENCING. DO NOT SET POSTS ADJACENT TRUNKS OF ANY TREE. AVOID ROOT SYSTEM.	-
6		CONSTRUCTION GATE ENTRANCE	-
7		WATTLES, NOT IN BP07, FOR REFERENCE ONLY	D/C101
8		MAINTAIN TEMPORARY CONCRETE SIDEWALK UNTIL NEW SIDEWALK IS OPEN FOR USE THEN REPLACE WITH SOIL AND SOD	-
9		WRAP GRATE COVER WITH NON-WOVEN FILTER FABRIC AND COVER WITH STONE FOR TEMPORARY ROADWAY	-
10		REMOVE TEMPORARY GRAVEL HAUL ROAD, REPLACE WITH SOIL AND SOD	-
11		STONE RAMP INTO EXCAVATION FOR BASEMENT	-

CIVIL

PROJECT	202170
DATE	05.09.25

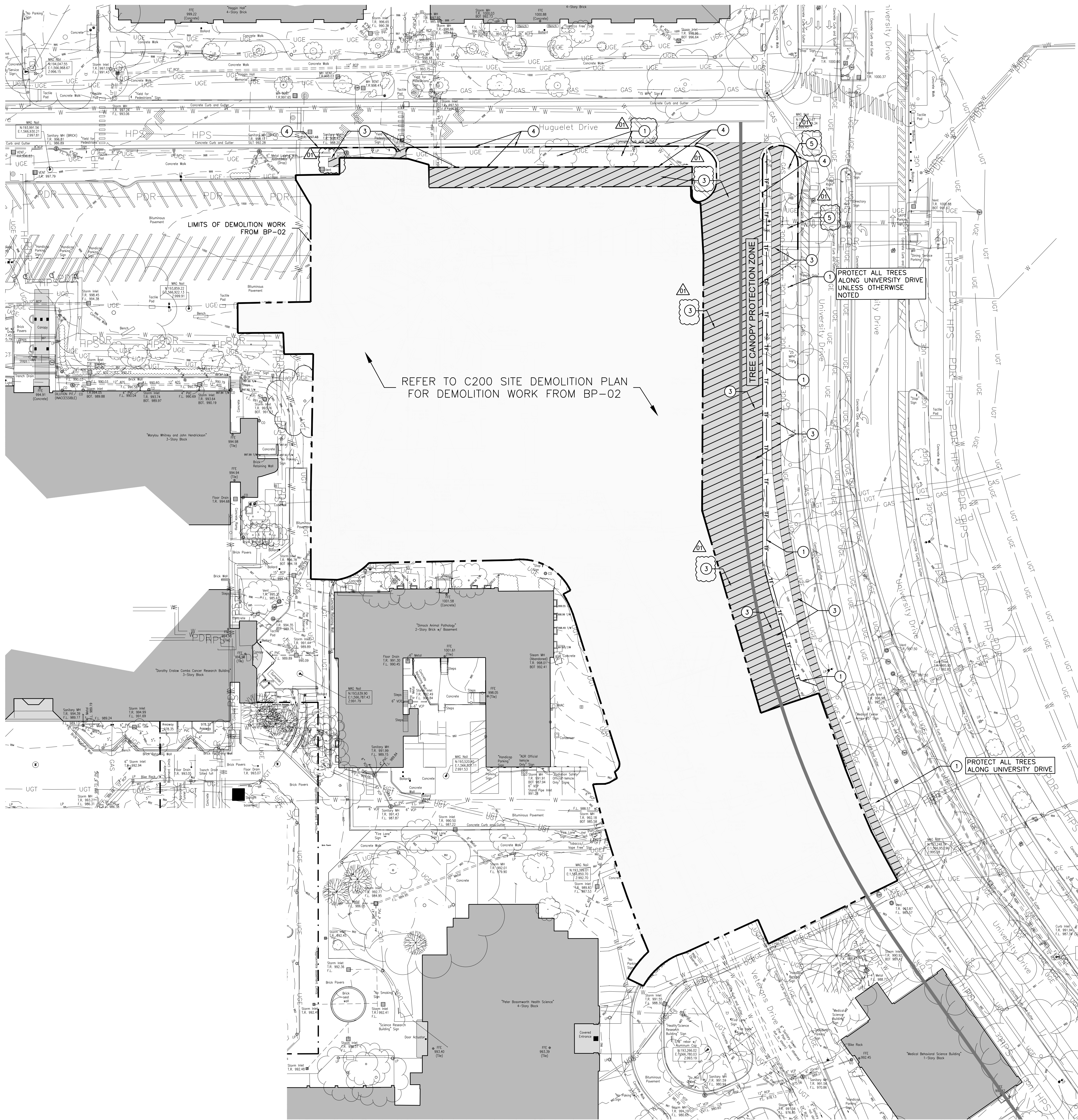
REVISIONS

No.	Description	Date
1	Addendum #3	7-23-26

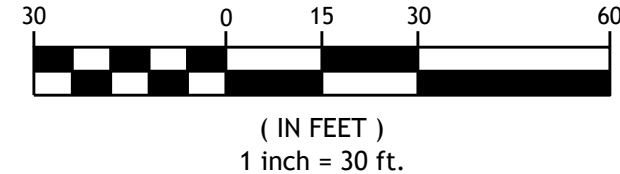
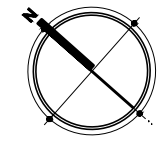
JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS - IN ELECTRONIC OR ANY OTHER FORMAT - IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO TRANSMIT THESE ELECTRONIC FILES TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. THE CLIENT FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT RESULTING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR REUSE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

EROSION CONTROL PLAN

C102



Site Demolition Plan



SITE DEMOLITION NOTES

1. PROVIDE UK STANDARD TREE PROTECTION FENCING FOR ALL EXISTING TREES THAT ARE NOT DESIGNATED TO BE REMOVED WITHIN THE CONSTRUCTION LIMITS. EXTREME CAUTION IS TO BE USED WITH EXISTING TREES ALONG UNIVERSITY DRIVE. A TREE CANOPY PROTECTION ZONE WAS DELINEATED FOR THE TREES ALONG UNIVERSITY DRIVE. EXISTING PAVEMENT WITHIN THIS ZONE WAS REMOVED AS A WORKING SURFACE DURING BUILDING CONSTRUCTION. IT WILL BE REMOVED AT CONSTRUCTION MANAGER'S DISCRETION, AT WHICH TIME ADDITIONAL TREE PRESERVATION MEASURES WILL COMMENCE WITH NEW SITE WORK.
2. THE EXISTING FEATURES SHOWN ARE A COMPILATION OF DATA AS OBTAINED BY ENDRIS ENGINEERING. CARMAN MAKES NO ASSURANCES REGARDING THE ACCURACY OR VERACITY OF DATA SUPPLIED BY OTHERS OR SHOWN ON THE SUBSEQUENT DRAWINGS. THE SOURCE OF THE SITE SURVEY IS: ENDRIS ENGINEERING.
3. ALL EXISTING SITE FEATURES ARE SHOWN AS ACCURATELY POSSIBLE AND BELIEVED TO BE CORRECT. SHOULD THE CONTRACTOR FIND ANY DISCREPANCIES IN THE ALIGNMENT OR LOCATION OF ANY FEATURE, THE LANDSCAPE ARCHITECT/CIVIL ENGINEER SHALL BE NOTIFIED IMMEDIATELY AND NECESSARY ADJUSTMENTS WILL BE MADE IN THE FIELD.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO THE PROJECT LIMITS FOR ANY SITE DEMOLITION AND SHALL BE RESPONSIBLE FOR MAINTAINING ANY AND ALL WORK WITHIN THE LIMITS OF THE WORK AS DESIGNATED. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY ENCROACHMENT BEYOND THE LIMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ANY PERMITS, PERMISSIONS, EASEMENTS, ETC TO UTILIZE AREAS BEYOND THE PROJECT LIMITS.
5. CONTRACTOR SHALL LOCATE ALL UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO DEMOLITION WORK EITHER BY UTILIZATION OF B.U.D. OR A 3RD PARTY UTILITY LOCATE COMPANY. COSTS FOR ESTABLISHING THE LOCATION OF EXISTING UTILITIES SHALL BE THE COST OF THE CONTRACTOR.
6. CONTRACTOR SHALL OBTAIN DEMOLITION PERMITS FROM ANY AUTHORITY HAVING LOCAL JURISDICTION INCLUDING LOCAL, STATE OR FEDERAL AGENCIES, IF NECESSARY, AND PAY ALL ASSOCIATED FEES INCLUDING DISPOSITION FEES OR COSTS.
7. THE CONTRACTOR SHALL ESTABLISH TRAFFIC CONTROL AND SIGNING AS REQUIRED BY THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PROVIDE TEMPORARY BARRICADES, TRAFFIC BARRIERS, AND FLAGGERS AS NECESSARY FOR CREW AND MOTORIST SAFETY. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY STREET CLOSURES, DETOURS, ETC. WITH AUTHORITIES HAVING JURISDICTION AND GOVERNING AGENCIES OF STREETS, PARKING AREAS OR ROADS.
8. IDENTIFICATION OF MATERIAL TO BE REMOVED/DEMOLISHED IS PROVIDED AS A CONVENIENCE TO THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR OBSERVING SITE AND PLANS TO COORDINATE DEMOLITION WITH ALL PROPOSED WORK. FAILURE TO IDENTIFY A MATERIAL REQUIRING REMOVAL/DEMOLITION IN ORDER FOR NEW WORK TO BE COMPLETED DOES NOT RELIEVE THE CONTRACTOR OF BEING RESPONSIBLE FOR PERFORMING THE NECESSARY WORK.
9. ASPHALT AND/OR CONCRETE REMOVED AS A RESULT OF UTILITY/STORM DEMOLITION THAT IS OUTSIDE OF PROJECT LIMITS IS TO BE RESTORED TO MATCH THE EXISTING SURFACE PRIOR TO SURFACE DEMOLITION.
10. DURING CONSTRUCTION, THE WORK AREA SHALL BE KEPT CLEAR OF DEBRIS. ALL DEMOLISHED MATERIALS NOT DESIGNATED TO BE TURNED OVER TO THE OWNER SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER. CONTRACTOR SHALL PAY ALL HAULING, LANDFILL EXPENSES AND OBTAIN ANY NECESSARY PERMITS TO DO SO.
11. PERIMETER CONSTRUCTION LIMITS FENCE SHALL CONSIST UK STANDARD CONSTRUCTION FENCING. LIMITS TO BE DETERMINED BY CONSTRUCTION MANAGER.
12. CONTRACTOR TO PROTECT EXISTING TREES OUTSIDE OF CONSTRUCTION LIMITS. NO MATERIAL IS TO BE STORED WITHIN A TREE DRIP LINE.
13. ALL EXISTING SITE IMPROVEMENTS INCLUDING BUT NOT LIMITED TO PAVING, CURBING, SIDEWALKS, UTILITIES, AND LANDSCAPING SCHEDULED TO REMAIN SHALL BE PROTECTED OR REPLACED IF DAMAGED.
14. SEE SITE UTILITY DRAWINGS FOR RELOCATION OF UTILITY FACILITIES.
15. CONTRACTOR RESPONSIBLE FOR OBSERVATION OF SITE PRIOR TO BIDDING TO DETERMINE QUALITY, QUANTITY, AND VALUE OF ITEMS TO BE DEMOLISHED AND REMOVED.
16. COORDINATE UTILITY DEMOLITION WITH CORRESPONDING MEP DRAWINGS, SITE UTILITY PLAN AND APPROPRIATE UTILITY COMPANY.
17. EXISTING AGGREGATE MATERIAL SHALL BE REMOVED AS NECESSARY TO ACCOMMODATE NEW ASPHALT. EXISTING AGGREGATE MAY BE REUSED IF CLEAN AND FREE OF SOIL AND APPROVED BY OWNER OR LANDSCAPE ARCHITECT/CIVIL ENGINEER.
18. SAWCUT EDGES OF PAVEMENT, CURBS AND WALLS TO REMAIN IN CLEAN STRAIGHT LINES.
19. REMOVE ALL SHRUBS, GROUND COVER, MULCH, ETC. WITHIN LIMITS OF CONSTRUCTION. REMOVE ONLY TREES DESIGNATED FOR REMOVAL. NO ORGANIC MATERIAL (IE. ROOTS, MULCH, GRASSES, TOPSOIL) SHALL REMAIN IN SOIL THAT WILL BE USED FOR STRUCTURAL BACKFILL FOR BUILDINGS, PAVEMENTS, ETC.
20. SEE MEP DRAWINGS FOR DEMOLITION OF ELECTRIC, STEAM, CHILLED WATER, SANITARY SEWER, COMMUNICATION, AND GAS FACILITIES. CONTRACTOR IS TO CONTACT UTILITY COMPANIES TO COORDINATE ANY WORK INVOLVING PUBLIC UTILITIES, INCLUDING ELECTRIC, COMMUNICATIONS, WATER, GAS, ETC. UTILITY LINES SHOULD BE REMOVED, NOT ABANDONED IN PLACE UNLESS NOTED OTHERWISE.
21. ALL STORM SEWER LOCATED WITHIN LIMITS OF WORK, SHALL BE REMOVED, NOT ABANDONED IN PLACE. UNLESS NOTED AS OTHERWISE DEMOLITION OF FACILITIES THAT SERVE OTHER ADJACENT OFF-SITE AREAS OR BUILDINGS WILL NEED TO BE PHASED IN ORDER TO KEEP THEM ON-LINE UNTIL REPLACEMENT FACILITIES ARE CONSTRUCTED. FACILITIES THAT ARE NECESSARY TO Dewater THE SITE DURING CONSTRUCTION SHALL REMAIN UNTIL NEW FACILITIES ARE CONSTRUCTED.
22. SEE MEP DEMOLITION DRAWINGS FOR SANITARY SEWER REMOVAL/RELOCATION.
23. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FULLY PROTECT ALL STRUCTURES SCHEDULED TO REMAIN AND NOT BE DEMOLISHED OR TO PROTECT UNTIL SUCH TIME THAT STRUCTURE IS SCHEDULED TO BE DEMOLISHED. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS TO DAMAGED STRUCTURES. THIS ALSO INCLUDES REPAIRS TO EXISTING ROADS AND SIDEWALKS.
24. THE CONTRACTOR RESPONSIBLE FOR SITE DEMOLITION SHALL VERIFY THE PRESENCE OF ANY UNDERGROUND STORAGE TANKS (UST) THAT MAY OR MAY NOT BE LOCATED ON THE SITE THAT MAY CONFLICT WITH ANY SITE OR BUILDING DEMOLITION. KNOWN UNDERGROUND STORAGE TANKS ARE REGISTERED AT <http://waste.ky.gov/UST/Pages/default.aspx>. THE CONTRACTOR SHALL CROSS-CHECK SITE SURVEYS, GEOTECHNICAL REPORTS OR ENVIRONMENTAL REPORTS FOR ACKNOWLEDGED OR REGISTERED UNDERGROUND STORAGE TANKS. SHOULD THIS DEMOLITION PLAN, OTHER REPORTS OR UST DATABASE LISTINGS INDICATE THE PRESENCE OF ANY UST, THE CONTRACTOR SHALL TAKE ANY AND ALL PRECAUTIONS TO PROTECT THE TANK AND THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGE, INCLUDING ANY ENVIRONMENTAL REMEDIATION AS A RESULT OF THE DAMAGE.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL OF UNWARRANTED DUST CREATED BY ANY DEMOLITION WORK ON THE SITE OR DEMOLITION OF BUILDINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING EQUIPMENT FOR WATERING INCLUDING THE COST OF WATER THAT MAY BE CHARGED FOR USING MUNICIPAL WATER SUPPLIES FROM FIRE HYDRANTS, ETC.
26. THIS SITE DEMOLITION PLAN DOES NOT SPECIFICALLY REFERENCE OR SPECIFY SHORING THAT MAY BE REQUIRED DURING SITE DEMOLITION SO THAT ADJACENT AREAS ARE PROTECTED FROM DAMAGE, COLLAPSE, ETC. SHOULD THE CONTRACTOR DETERMINE THAT SHORING IS REQUIRED FOR ADJACENT AREA PROTECTION OR TO PREVENT ENCROACHMENT OF DEMOLITION OUTSIDE OF PROJECT LIMITS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING PROPER SHORING MEANS, METHODS AND DESIGN PER LOCAL REGULATIONS OR PER REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION INCLUDING THE SHORING TYPE AND IF NECESSARY THE PREPARATION OF SHORING PLANS BY A LICENSED STRUCTURAL ENGINEER PER OSHA REQUIREMENTS.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ANY OVERHEAD UTILITY LINES THAT MAY CONFLICT WITH ANY ASPECT OF THE SITE DEMOLITION AND SHALL BE RESPONSIBLE FOR SAFE OPERATION OF EQUIPMENT AND PERSONNEL THAT MAY CONFLICT WITH ANY OVERHEAD UTILITY SERVICES.
28. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ANY LOCAL NOISE ORDINANCES OR UK REQUIREMENTS THAT MAY RESTRICT THE TYPE OF DEMOLITION EQUIPMENT OR TIMES OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXTENT, IF ANY, OF LOCAL NOISE ORDINANCES ASSOCIATED WITH CONSTRUCTION OR DEMOLITION ACTIVITIES.
29. SHOULD THE SITE DEMOLITION REQUIRE ANY EARTH EXCAVATION AND SHOULD THE PROJECT REQUIRE THE OBSERVATIONS OF A CULTURAL RESOURCE OR ARCHAEOLOGICAL CONSULTANT, THE CONTRACTOR SHALL FULLY COOPERATE WITH THE OWNER/CONSULTANT TO ALLOW THE CONSULTANT ACCESS TO ANY EXCAVATIONS TO DETERMINE IF THERE ARE ANY PRE-HISTORICAL OR HISTORICAL FINDINGS THAT NEED TO BE DOCUMENTED OR PRESERVED.
30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT ALL UTILITIES THAT ARE OR MAY BE CONNECTED TO THE DEMOLISHED FACILITIES ARE DISCONNECTED BY CONTACTING ALL APPLICABLE UTILITY COMPANIES. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ANY DISCONNECT COST ASSOCIATED WITH EACH AND ALL UTILITIES THAT MAY SERVE THE PROPERTY OR FACILITY THAT IS BEING DEMOLISHED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR DETERMINING THESE COSTS DURING THE BIDDING PHASE AND SHALL INCLUDE THESE DISCONNECT COSTS IN THEIR COSTS SO THE OWNER WILL NOT INCUR COSTS AT A LATER DATE.

CODED SITE DEMOLITION NOTES

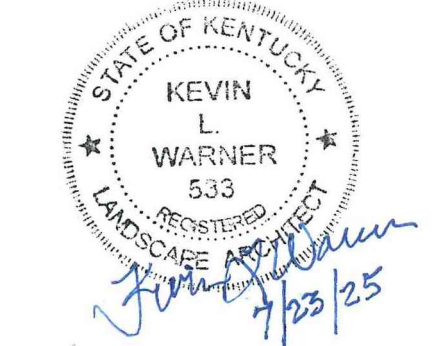
KEY	DESCRIPTION
1	PROTECT EXISTING TREE. TREE PROTECTION FENCE TO BE UTILIZED. CONTRACTOR TO COORDINATE WITH UK GROUNDS TO PRUNE THE ROOTS ALONG THE SOUTH SIDE FOR THE NEW SIDEWALK.
2	NOT USED
3	CONCRETE OR ASPHALT PAVEMENT TO BE REMOVED. REMOVE ALL BASE MATERIALS ASSOCIATED WITH PAVEMENT. USE EXTREME CAUTION REMOVING SIDEWALK BENEATH EXISTING TREES. HEAVY EQUIPMENT IS NOT ALLOWED TO BEAR WEIGHT WITHIN ROOT ZONE OF THESE TREES, UNLESS BEARING ON EXISTING ASPHALT. CONTACT THE ARBORIST IF DAMAGE IS MADE TO ROOTS FOR RECOMMENDATIONS AND SOLUTIONS ON HOW TO PROCEED.
4	REMOVE CURB
5	REMOVE EXISTING TREE

SITE DEMOLITION LEGEND

— TF —	TREE PROTECTION FENCING
---	CURB AND GUTTER TO BE REMOVED
---	TREE PROTECTION ZONE
---	CONCRETE OR ASPHALT TO BE REMOVED



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BP-07
MICHAEL D. RANKIN MD HEALTH
EDUCATION BUILDING
UNIVERSITY OF KENTUCKY, BLDG NO. 0724
1149 UNIVERSITY DRIVE, LEXINGTON, KENTUCKY



CIVIL		
PROJECT	202170	
DATE	05.09.25	
REVISIONS		
No.	Description	Date
1	Addendum 3	07-23-25

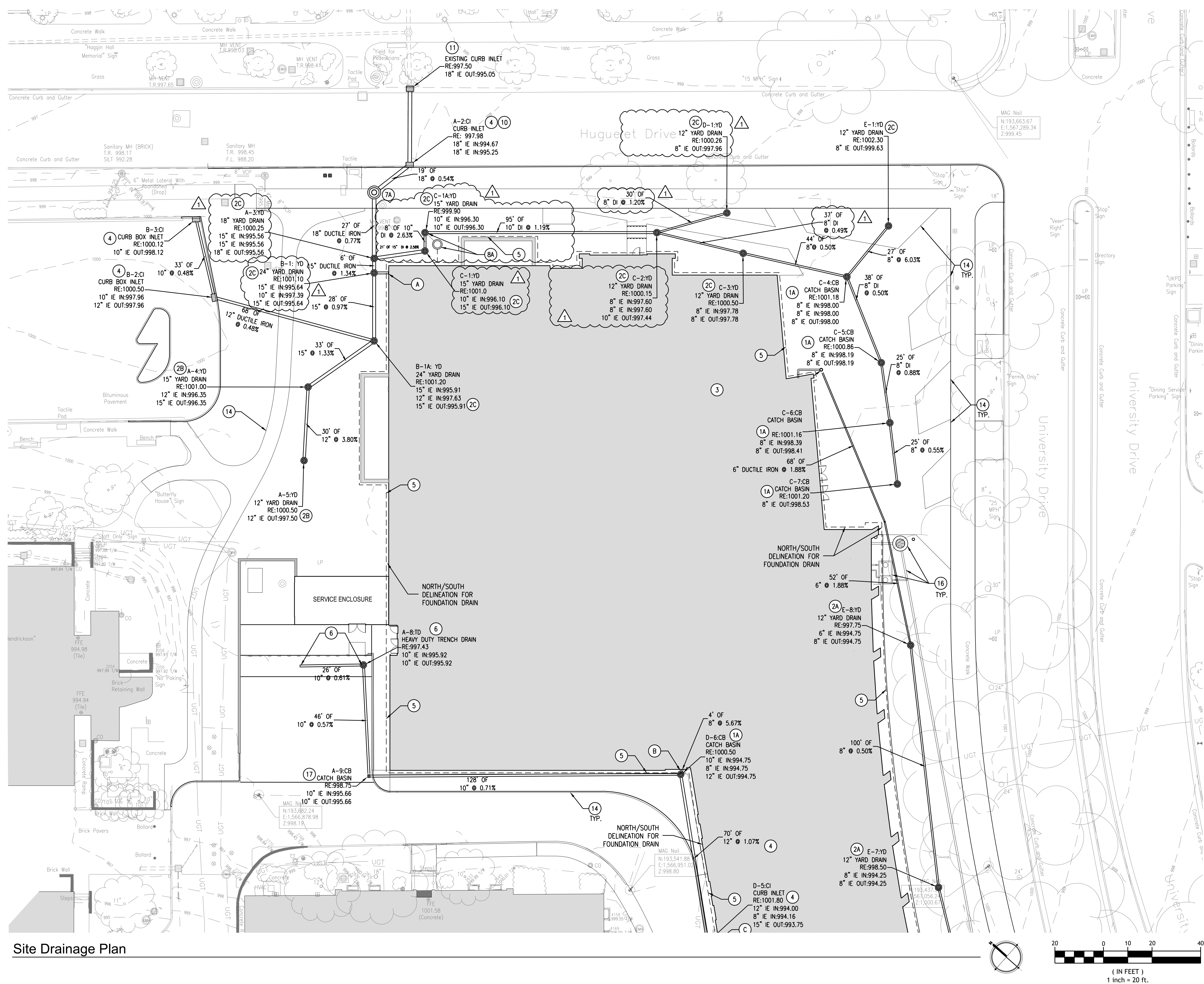
JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS - IN ELECTRONIC OR ANY OTHER FORMAT - IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO TRANSMIT THE ELECTRONIC FILES TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. THE CLIENT FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT RESULTING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR RELIANCE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

SITE
DEMOLITION
PLAN

C201
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BEFORE YOU DIG CALL KENTUCKY
UNDERGROUND (811) TWO (2) WORKING
DAYS IN ADVANCE OF DIGGING



Site Drainage Plan

GENERAL SITE DRAINAGE NOTES

- ALL SPOT ELEVATIONS INDICATE FINISH GRADE OF SURFACE. ADJUSTMENTS MUST BE MADE TO ESTABLISH GRADES OF SUB-BASE OR SUBGRADE. SPOT ELEVATIONS ARE INCLUSIVE OF ANY LANDSCAPE MULCH REQUIRED.
- PRIOR TO CONSTRUCTION OR DEMOLITION, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATION OF ALL EXISTING UTILITIES, SO THAT NEW CONSTRUCTION WILL NOT DAMAGE OR INTERFERE WITH EXISTING UTILITY LINES. SHOULD DAMAGE OCCUR, IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR AND/OR REPLACE SAID DAMAGE AT THE CONTRACTOR'S EXPENSE. FINISHED REPAIRS OR REPLACEMENT SHALL MEET THE APPROVAL OF THE OWNER.
- ALL EXCESS EXCAVATED MATERIAL, OTHER THAN TOPSOIL, IS TO BE REMOVED FROM THE SITE AT CONTRACTOR'S COST.
- UNLESS OTHERWISE NOTED, ALL TREES AND VEGETATION SHALL BE PROTECTED DURING CONSTRUCTION. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NOT TO DAMAGE FOLIAGE, BRANCHES OR ROOTS OF EXISTING TREES TO REMAIN.
- SHOULD CONTRACTOR ENCOUNTER ROCK EXCAVATION, THE ROCK SHALL BE REMOVED TO A MINIMUM DEPTH OF SIX INCHES BELOW BOTTOM OF UTILITIES UNLESS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS INCLUDING THE GEOTECHNICAL REPORT.
- ELEVATIONS AND CONTOURS ON THIS PLAN ARE REFERENCED TO MEAN SEA LEVEL DATUM AND BENCHMARKS REFERENCED ON THE PLAN.
- IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO VERIFY IF ROCK EXCAVATION FOR MASS GRADING OR TRENCHING IS REQUIRED. ALL EXCAVATION IS UNCLASSIFIED. THERE WILL BE NO PAYMENT FOR ROCK EXCAVATION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EXCAVATION QUANTITIES.
- IT IS THE DESIGN INTENT FOR ALL WATER TO BE DIRECTED AWAY FROM THE PROPOSED AND EXISTING BUILDINGS.
- REFER TO THE SITE SURVEY FOR EXISTING SPOT ELEVATIONS.
- EXISTING STORM SEWER RIMS AND INVERTS ARE TAKEN FROM THE SITE SURVEY AND SHOULD BE CROSS-REFERENCED WITH THE SITE SURVEY. REFER TO SITE SURVEY FOR ALL EXISTING ON-SITE STORM SEWER INFORMATION.
- CONTRACTOR IS RESPONSIBLE FOR DESIGN OF SHORING AND UNDERPINNING OF UTILITIES OR STRUCTURES AT LOCATIONS INDICATED. CONTRACTOR SHALL PROVIDE SUBMITTAL DRAWINGS PREPARED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF KENTUCKY AS REQUIRED BY THE OCCUPATIONAL SAFETY HEALTH ADMINISTRATION. THE NEED FOR, MEANS AND METHODS FOR SHORING ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTE THAT TEMPORARY CONSTRUCTION ACTIVITY MAY DE-STABILIZE SUBGRADES FOR BUILDING OR PAVED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS AND METHODS COST FOR THE TEMPORARY USE OF AREAS FOR CONSTRUCTION ACTIVITY AND SHALL ALSO BE RESPONSIBLE FOR RE-STABILIZING AREAS SHOULD TEMPORARY CONSTRUCTION ACTIVITY CONTRIBUTE TO THE NEED TO STABILIZE BUILDING OR PAVEMENT AREAS.
- ELEVATIONS OF ALL RIMS, STRUCTURE COVERS, ACCESS DOORS AND TOPS OF ALL UTILITY VAULTS, MANHOLES, VENTS, VALVE BOXES, ETC. SHALL BE ADJUSTED TO MEET PROPOSED SURROUNDING GRADES.
- BEFORE STARTING SITE EXCAVATION, CONTRACTOR SHALL BE FAMILIAR WITH THE REPORT OF GEOTECHNICAL EXPLORATION AND COMPLY WITH RECOMMENDATION PROVIDED FOR SUBGRADE CONDITIONS.
- TOPSOIL (BY OTHERS) SHALL BE SIX (6) INCHES DEEP IN ALL TURF AREAS AND TWELVE (12) INCHES DEEP IN ALL LANDSCAPE BED AREAS AFTER PLACEMENT AND REASONABLE SETTLEMENT.
- CONTRACTOR SHALL NOT CREATE ANY SITE GRADING THAT WILL PREVENT THE NORMAL DRAINAGE OF WATER OF DAM WATER. SHOULD OFFSITE TOPOGRAPHY OR CONTOURS SHOWN ON GRADING PLAN NOT DEPICT ACCURATE CONDITIONS THAT CREATE DRAINAGE PROBLEMS, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE OWNER, LANDSCAPE ARCHITECT AND/OR CIVIL ENGINEER, PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNDERCUT OF UNSABLE, UNSTABLE OR OTHERWISE UNACCEPTABLE MATERIALS THAT ARE INDICATED ON THIS PLAN, ASSOCIATED SPECIFICATIONS AND/OR REFERENCED IN THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL PAY FOR ALL UNDERCUT EXCAVATION AND DISPOSITION OF MATERIALS IN AN ACCEPTABLE MANNER THAT SHALL INCLUDE HAULING OFFSITE.
- CONTRACTOR SHALL ENSURE ALL PROPOSED IMPROVEMENTS MEET AND MATCH EXISTING AND/OR ADJACENT CONDITIONS. CONTRACTOR SHALL NOTIFY DESIGN ENGINEER UPON ANY DISCREPANCY WHICH WILL DETER ADHERENCE TO THIS CONDITION.
- ALL STORM SEWER INFRASTRUCTURE NEEDS TO BE FLUSHED FREE OF SEDIMENT AND INSPECTED BY ENGINEER AT COMPLETION OF PROJECT.
- SPOT ELEVATIONS LABELED WITH "EX" ARE EXISTING SPOTS THAT HAVE BEEN INTERPOLATED FROM THE SITE SURVEY AND NEED TO BE VERIFIED IN THE FIELD. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- CONTRACTOR TO FIELD VERIFY ALL LOCATIONS AND DEPTHS OF EXISTING STORM STRUCTURES PRIOR TO BEGINNING CONSTRUCTION TO INSURE ADEQUATE DEPTH.
- IF ANY EXISTING ASBESTOS COATED SEWER LINE IS UNEARTHED, IT WILL REQUIRE ABATEMENT IN ACCORDANCE WITH CURRENT EPA GUIDELINES.
- PROVIDE A MINIMUM OF 12" CRUSHED STONE BACKFILL OVER STORM PIPING. STORM PIPING UNDER PAVED SURFACES TO BE BACKFILLED FULL DEPTH WITH CRUSHED STONE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL Dewatering OF EXCAVATION AREAS FOR FOUNDATIONS AND/OR BASEMENTS AND SHALL NOT ALLOW PONDING OF WATER THAT WILL DESTABILIZE THE SOIL BEARING FOR FOUNDATIONS, SLABS, STRUCTURES, ETC.
- CONTRACTOR SHALL UTILIZED DIGITAL FILES TO ESTABLISH COORDINATES FOR LOCATING DRAINAGE STRUCTURES. DIGITAL FILES CAN BE OBTAINED FROM CARMAN. SHOULD THE CONTRACTOR NEED A LISTING OF STRUCTURE COORDINATES, THESE MAY BE REQUESTED FROM THE OFFICE OF CARMAN.
- THE CONTRACTOR SHALL SUBMIT SITE SPECIFIC SHOP DRAWINGS, SAMPLES, ETC FOR ANY MANUFACTURED OR PRE-CAST EQUIPMENT OR STRUCTURES ASSOCIATED WITH STORM DRAINAGE OR STORMWATER MANAGEMENT IMPROVEMENTS.
- ASIDE FROM DESIGNATED SUMP MANHOLES, ANY SUMPS REMAINING IN STORM STRUCTURES (PVC OR CONCRETE) BELOW THE INVERT ELEVATION OF THE OUTLET PIPE SHALL BE FILLED WITH CONCRETE TO ELIMINATE ANY STANDING WATER WITHIN THE STRUCTURES.
- ALL GRAVITY STORM PIPING SHALL BE SDR35 PVC UNLESS OTHERWISE NOTED AS DUCTILE IRON (DI) ON THE PLAN AND AS SPECIFIED.

SITE DRAINAGE CODED NOTES

KEY	DESCRIPTION	DETAILS
1A	12" CATCH BASIN WITH 12" CIRCULAR GRATED LID, FLUSH WITH ADJACENT SURFACE. GRATED LID TO CONFORM TO UK STANDARD HEEL PROOF REQUIREMENTS	A / C602
1B	CATCH BASIN WITH 12" CIRCULAR SOLID LID, FLUSH WITH ADJACENT SURFACE	A / C602
2A	12" YARD DRAIN WITH BEEHIVE GRATE	B / C602
2B	YARD DRAIN BASIN WITH OPEN GRATE FLUSH WITH ADJACENT SURFACE - SIZE VARIES	B / C602
2C	YARD DRAIN BASIN WITH OPEN BEEHIVE GRATE IN LANDSCAPED AREA - SIZE VARIES	B / C602
3	CLEANOUT	C / C602
4	2'x3' CURB BOX INLET	D / C602
5	FOUNDATION DRAIN LINE - 6" PERFORATED HOPE PIPE IN FILTER SOCK. REFER TO STRUCTURAL AND MEP PLANS FOR ADDITIONAL INFORMATION	-
6	HEAVY DUTY TRENCH DRAIN	G / C602
7A	WOU #1: 6" DIAMETER WATER QUALITY UNIT	H / C602
7B	WOU #2: 6" DIAMETER WATER QUALITY UNIT	I / C602
8A	FOUNDATION DRAIN MANHOLE #1: 4" DIAMETER SUMPED MANHOLE FOR FOUNDATION DRAIN CONNECTIONS AND AREAWAY SUMP DISCHARGE. NEW MANHOLE TO HAVE WITH 2" FORCE MAIN TO DISCHARGE WATER TO STORM STRUCTURE A3. SUMP TO INCLUDE PUMP PER MEP ENGINEER. RIM ELEVATION: 1000.00 - FOUNDATION DRAIN INV. ELEVATION: 981.50 - AREAWAY SUMP INV. 977.90 - SUMP ELEVATION: 973.90	E / C602
8B	FOUNDATION DRAIN MANHOLE #2: 4" DIAMETER SUMPED MANHOLE FOR FOUNDATION DRAIN CONNECTIONS WITH 2" FORCE MAIN TO DISCHARGE WATER TO STORM STRUCTURE E-6YD. SUMP TO INCLUDE PUMP PER MEP ENGINEER. RIM ELEVATION: 1001.00 - INVERT ELEVATION: 984.00 - SUMP ELEVATION: 980.00	E / C602
9	SET NEW 4" DIAMETER MANHOLE D-2 ON EXISTING 12" PIPE AND E-2 MH ON EXISTING 24" PIPE. SEAL CONNECTION TO PREVENT LEAKS. FIELD VERIFY INVERT ELEVATIONS.	E / C602
10	SET NEW 2'x3' CURB BOX INLET ON EXISTING 18" LINE. SEAL CONNECTION TO PREVENT LEAKS.	D / C602
11	EXISTING CURB BOX INLET	-
12	PERMEABLE PAVER MANHOLE #3: 4" DIAMETER SUMPED MANHOLE FOR PERMEABLE PAVER DRAINAGE SYSTEM WITH 2" FORCE MAIN TO DISCHARGE WATER TO STORM STRUCTURE D-2MH. CONNECT 4" CONDENSATE DRAIN LINE FROM BUILDING TO MANHOLE AT INVERT ELEVATION 981.33. SUMP TO INCLUDE PUMP PER MEP ENGINEER. RIM ELEVATION: 985.50 - INVERT ELEVATION: 981.33 - SUMP ELEVATION: 977.33	E / C602
13	PERMEABLE PAVER DRAINAGE SYSTEM. 4" PERFORATED PIPE IN SOCK CONNECTED TO MANHOLE	-
14	FUTURE SITE WORK FOR REFERENCE ONLY	-
15	WALLS PER STRUCTURAL PLANS	-
16	SANITARY SEWER SYSTEM FOR REFERENCE ONLY - SEE SHEET C500-C502 FOR MORE INFORMATION REGARDING SANITARY SEWER	-

FOUNDATION PENETRATIONS FOR INTERNAL BUILDING DRAINAGE

KEY	DESCRIPTION
A	10" PIPE INVERT OUT OF BUILDING AT CO-1: 997.50
B	10" PIPE INVERT OUT OF BUILDING AT CO-2: 995.00
C	8" PIPE INVERT OUT OF BUILDING AT D-5C: 994.25
D	8" PIPE INVERT OUT OF BUILDING AT D-4C: 989.50

RESERVED FOR AHJ STAMP

CARMAN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING

BP-07

**MICHAEL D. RANKIN MD HEALTH
EDUCATION BUILDING**
UNIVERSITY OF KENTUCKY - BLDG NO. 0724
1148 UNIVERSITY DRIVE, LEXINGTON, KENTUCKY



CIVIL

PROJECT 202170
DATE 05.09.25

REVISIONS

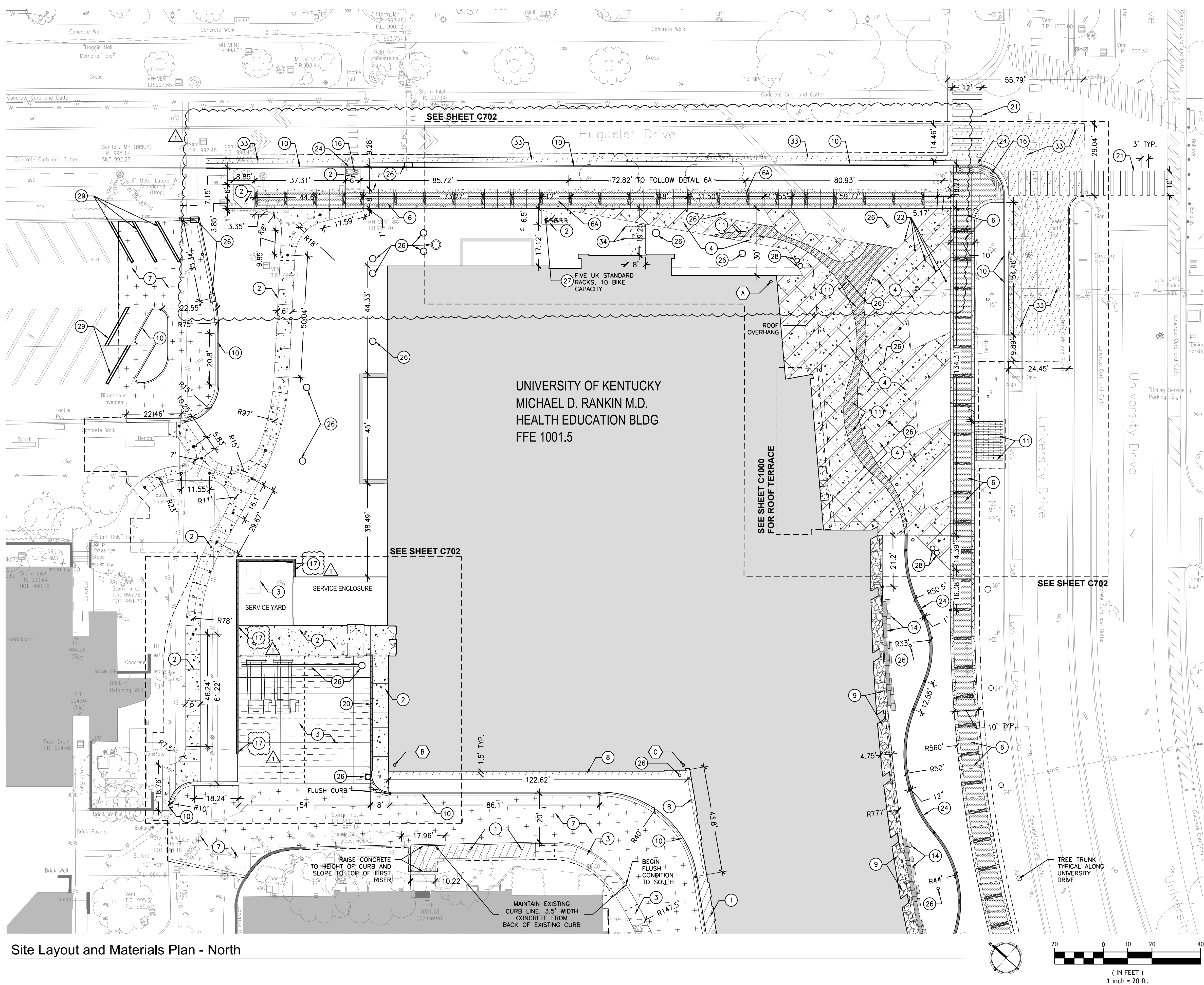
No.	Description	Date
1	Addendum #3	07.23.25

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS - IN ELECTRONIC OR ANY OTHER FORMAT - IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO REUSE THESE ELECTRONIC FILES TO THE BEST OF THE ARCHITECT'S KNOWLEDGE. THE CLIENT FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT REGARDING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR REUSE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

**SITE DRAINAGE
PLAN NORTH**

C600

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Site Layout and Materials Plan - North

BUILDING GRID LOCATIONS			
(A)	X = 1567177.1133	Y = 193664.3088	INTERSECTION OF ARCH GRIDLINES T-9' AND T-1'
(B)	X = 1566925.302	Y = 193648.3294	INTERSECTION OF ARCH GRIDLINES 'A' AND '9'
(C)	X = 1567004.545	Y = 193559.4489	INTERSECTION OF ARCH GRIDLINES 'E' AND '9'

GRAPHIC LEGEND

	NEW BUILDING AND SITE WALLS		FULL DEPTH ASPHALT
	EXISTING BUILDING OR OVERHANG TO REMAIN		MILL AND OVERLAY
	4" CONCRETE SIDEWALK/PAVEMENT		4" THICK CONCRETE MOW STRIP
	6" CONCRETE PAVEMENT		RIVER FLAT STONE
	8" CONCRETE WITH TURN DOWN EDGE		8" x 24" PAVERS
	6" CONCRETE WITH PLAZA BANDS		4" x 8" PERMEABLE PAVERS
	CAMPUS STANDARD CONCRETE WALK		ADA PAVERS
	CONTROL JOINTS		FLUSH CONCRETE CURB
	EXPANSION JOINT AS SHOWN		CURB AND GUTTER
	CONCRETE HEADER CURB		HANDRAIL

GENERAL SITE LAYOUT AND MATERIALS PLAN NOTES

- DIMENSIONS ARE NOT TO BE SCALED. SHOULD DISCREPANCIES OCCUR WITH DIMENSIONS ON THESE PLANS, NOTIFY CARMAN FOR CLARIFICATION.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES, SO THAT NEW CONSTRUCTION WILL NOT DAMAGE OR INTERFERE WITH EXISTING UTILITY LINES. SHOULD DAMAGE OCCUR, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE SAID DAMAGE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL PROVIDE HORIZONTAL AND VERTICAL CONTROL STAKING FOR THE CONSTRUCTION OF ALL SITE IMPROVEMENTS.
- COORDINATES AND ELEVATIONS PROVIDED ON THESE PLANS ARE BASED ON DATUM PROVIDED BY THE SURVEYOR.
- THE CONTRACTOR SHALL UTILIZE COORDINATES FROM ELECTRONIC PLAN FILE FOR THE PURPOSE OF LAYOUT OF ALL SITE IMPROVEMENTS. THE LANDSCAPE ARCHITECT/CIVIL ENGINEER MAY PROVIDE THE ELECTRONIC FILE TO THE CONTRACTOR FOR THIS PURPOSE. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT/CIVIL ENGINEER OF DISCREPANCIES BETWEEN THE PLANS AND THE ELECTRONIC FILE.
- COORDINATES PROVIDED ON THE BUILDING CORNERS ARE TO BE USED FOR BUILDING ORIENTATION. COORDINATES ARE NOT TO BE USED FOR FOOTING AND/OR FOUNDATION LOCATIONS.
- IT IS THE CONTRACTOR'S OR SUBCONTRACTOR'S RESPONSIBILITY TO OBTAIN AND UTILIZE THE MOST CURRENT CONTRACT PLAN AND SPECIFICATION DOCUMENTS.
- ALL PARKING LOT LINES SHALL BE UK STANDARD.
- ALL DIMENSIONS ARE TAKEN AT FACE OF CURB WHERE APPLICABLE.
- ALL WORK, CONSTRUCTION REQUIREMENTS, AND PERFORMANCE STANDARDS SHALL COMPLY WITH UK STANDARDS AND CORRESPONDING AUTHORITY STANDARDS.
- EXISTING SITE SURVEY INFORMATION PROVIDED BY: ENDRIS ENGINEERING
- ALL HORIZONTAL AND VERTICAL STAKING IS TO BE BASED ON LOCAL BENCHMARK PROVIDED BY THE SURVEYOR.
- EXPANSION JOINT MATERIAL IS TO BE USED ANYTIME NEW CONCRETE SIDEWALK, CURB OR PAVEMENT IS INSTALLED ADJACENT TO EXISTING CONCRETE SIDEWALK, CURB, PAVEMENT, FOOTING, BUILDING OR OTHER VERTICAL STRUCTURES.
- EXISTING BUILDINGS, PAVEMENTS, SIDEWALKS, AND OTHER SITE IMPROVEMENTS SHALL BE PROTECTED DURING CONSTRUCTION. THEIR CONDITIONS SHALL BE PHOTOGRAPHICALLY DOCUMENTED PRIOR TO CONSTRUCTION. DAMAGE SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
- UPON REQUEST, A DIGITAL FILE MAY BE PROVIDED TO ASSIST IN LAYOUT OF NEW FEATURES.
- ALL DISTURBED AREAS THAT ARE NOT DESIGNATED AS PAVED, BUILDING OR LANDSCAPE BEDS SHALL BE SOODED PER THE SPECIFICATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL JOBSITE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
- THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE LIMITS OF CONSTRUCTION ASSOCIATED WITH THIS PLAN. NO WORK SHALL EXTEND BEYOND THE LIMITS OF CONSTRUCTION OR BEYOND ANY PROPERTY OR LEASE LINES. SHOULD THESE PLANS INDICATE WORK BEYOND THESE LIMITS, THE CONTRACTOR SHALL EXPLICITLY RECEIVE WRITTEN PERMISSION FOR THE WORK TO EXTEND BEYOND PROJECT LIMITS OR BEYOND PROPERTY/LEASE LINES. THE CONTRACTOR SHALL CONTACT THE OWNER AND/OR THE LANDSCAPE ARCHITECT/CIVIL ENGINEER SHOULD THIS CONDITION ARISE.
- PAVED AREAS INCLUDING SIDEWALKS, PARKING AREAS, SERVICE AREAS, ETC. ARE SPECIFIED WITH MATERIALS FOR THE INTENDED FINAL USE OF EACH AREA. THE AREAS ARE NOT SPECIFIED TO BE USED FOR TEMPORARY CONSTRUCTION TRAFFIC. SHOULD THE CONTRACTOR INSTALL OR CONSTRUCT THE PAVED AREA AS SPECIFIED AND THEN UTILIZE FOR TEMPORARY CONSTRUCTION ACTIVITY, THE CONTRACTOR AT NO COST TO THE OWNER SHALL REPAIR AND/OR RECONSTRUCT THE AREAS WITH REGARDS TO MEETING MATERIAL SPECIFICATIONS, SUBSEQUENT STABILIZATION AND GRADING PRIOR TO CONSTRUCTION OF FINAL PAVEMENT SURFACES.
- CONTRACTOR SHALL COORDINATE ANY WALKING SURFACE PAVEMENT FINISH, TEXTURE, AND MATERIAL WITH THE LANDSCAPE ARCHITECT/CIVIL ENGINEER PRIOR TO INSTALLATION. THIS COORDINATION SHALL INCLUDE MOCK-UP INSTALLATION OF THE VARIOUS PAVEMENT TYPES THAT SHALL INCLUDE THE PAVEMENT MATERIAL, TEXTURE, PATTERN, FINISH, PATTERN, PAVEMENT SCORING TYPE AND TEXTURE OF FINISH. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT/CIVIL ENGINEER AFTER THE MOCK-UP IS COMPLETED FOR APPROVAL. THE APPROVAL MAY OCCUR BY A SITE OBSERVATION BY LANDSCAPE ARCHITECT/CIVIL ENGINEER OR BY TRANSMITTAL OF PHOTOGRAPHS THAT ADEQUATELY DEPICT THE CHARACTER OF THE PAVEMENTS.
- THE CONTRACTOR SHALL COORDINATE THE FINISH CONDITION OF ANY SITE RETAINING WALLS, SEAT WALLS OR VERTICAL LANDSCAPE SURFACE WITH THE LANDSCAPE ARCHITECT/CIVIL ENGINEER. THIS COORDINATION AND OBSERVATION MAY OCCUR THROUGH AN ACTUAL SITE MOCK-UP OR PRECEDENT PHOTOGRAPHS FROM MANUFACTURERS. THE CONTRACTOR SHALL RECEIVE APPROVAL FROM BOTH THE OWNER AND LANDSCAPE ARCHITECT/CIVIL ENGINEER.
- SHOP DRAWINGS THAT DEPICT ANY SITE COMPONENTS SUCH AS RAILINGS, SITE ACCESSORIES, WALL HARDWARE, BOLLARDS, SIGNS, FLAG POLES, TREE GRATES, BIKE RACKS, OR OTHER SITE COMPONENT THAT HAS A AESTHETIC CHARACTER SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT/CIVIL ENGINEER AT LEAST 90 DAYS PRIOR TO SUBSTANTIAL COMPLETION OR THE NECESSARY SCHEDULED TIME FOR INSTALLATION OF THE COMPONENT.
- ALL SITE CONCRETE SHALL BE 4500 PSI.
- ANY SUBMITTALS, PLANS, SHOP DRAWINGS, ETC. REQUIRING THE CERTIFICATION OF A LICENSED DESIGN PROFESSIONAL IN THE COMMONWEALTH OF KENTUCKY SUCH AS RETAINING WALLS SHALL BE SUBMITTED BY THE CONTRACTOR TO THE LANDSCAPE ARCHITECT/CIVIL ENGINEER NO MORE THAN 30 DAYS AFTER THE CONTRACTOR RECEIVES A NOTICE TO PROCEED/CONTRACT FOR THE WORK FROM THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR UTILIZING WASHED STONE/AGGREGATE OF THE SPECIFIED SIZE. UNWASHED STONE WITH FINES AND DUST IS NOT ACCEPTABLE. THE CONTRACTOR MAY CHOOSE THE MEANS AND METHODS TO ATTAIN THE FUNCTIONING INTENT FOR THE SPECIFIED AGGREGATE SIZE FOR PERMEABLE PAVEMENT SYSTEMS.
- ALL SIDEWALKS AND WALKING SURFACES HAVE BEEN DESIGNED FOR COMPLIANCE WITH LOCAL, STATE AND FEDERAL ACCESSIBILITY GUIDELINES. THE CONTRACTOR SHALL VERIFY CROSS AND LONGITUDINAL GRADIENTS FOR COMPLIANCE AFTER GRADE STAKES OR FORMS ARE "SET" AND PRIOR TO INSTALLATION OF PAVEMENT SURFACE AS SPECIFIED. THE CONTRACTOR SHALL VERIFY THAT LONGITUDINAL GRADIENTS DO NOT EXCEED 4.99% ON ACCESSIBLE ROUTES WITHOUT LANDINGS OR HANDRAILS OR 8.2% ON ACCESSIBLE ROUTES WITH LANDINGS AND HANDRAILS AND CROSS SLOPES DO NOT EXCEED 1.9% ON ANY ACCESSIBLE ROUTE.
- THE CONTRACTOR SHALL KEEP SITE IMPROVEMENT PLANS AT THE SITE AT ALL TIMES WITH A RECORD OF ANY DESIGN MODIFICATIONS THAT HAVE OCCURRED WITH ANY SITE IMPROVEMENTS.
- THE CONTRACTOR SHALL NOT UTILIZE THE AREAS OUTSIDE OF LIMITS OF WORK FOR CONSTRUCTION STAGING, MATERIAL STORAGE OR WORKFORCE PARKING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-ESTABLISHING PRE-CONSTRUCTION CONDITIONS AT THE END OF CONSTRUCTION AND DEMOBILIZATION OF THE SITE.
- ALL IMPROVEMENTS WITHIN PUBLIC RIGHT OF WAY SHALL COMPLY WITH MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). SHOULD THE CONTRACTOR NOT BE FAMILIAR WITH THESE REQUIREMENTS NOR HAVE COPIES OF THE STANDARDS, THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE LANDSCAPE ARCHITECT/CIVIL ENGINEER TO OBTAIN THE APPLICABLE STANDARDS.
- ALL WORK IN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED ACCORDING TO LOCAL AND/OR PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINE STANDARDS AND REQUIREMENTS. CONTRACTOR SHALL PAY REQUIRED DEPOSITS OR POST BONDS AS REQUIRED.

SITE MATERIALS CODED NOTES

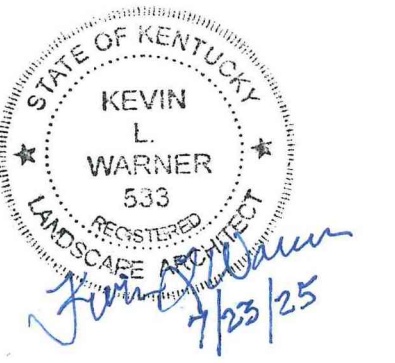
KEY	DESCRIPTION	DETAILS
1	4" THICK CONCRETE PAVEMENT - LIGHT BROOM FINISH	A / C1100
2	6" THICK CONCRETE PAVEMENT - LIGHT BROOM FINISH	B / C1100
3	8" THICK CONCRETE WITH TURNED DOWN EDGE	C / C1100
4	6" THICK CONCRETE PAVEMENT WITH PLAZA BANDS - HISTORIC MIX PANELS WITH LIGHT BROOM FINISH BANDS	D / C1100
5	8" THICK CONCRETE PAVEMENT	C / C1100
6	UK CAMPUS STANDARD SIDEWALK (10' OR 8' WIDE, SEE PLANS) - UNIVERSITY DRIVE PORTION - SEE DETAIL G/G1100	F & G / C1100
6A	UK CAMPUS STANDARD SIDEWALK REINFORCED WITH #4 BARS AND DOWELED INTO ADJACENT SIDEWALK. NO BASE MATERIAL IN THIS SECTION AND SUBGRADE COMPACTED TO PREVENT ROOT ZONE DISTURBANCE	F & G / C1100
7	FULL DEPTH ASPHALT PAVEMENT	H / C1100
8	CONCRETE MOW STRIP 18" WIDE	J / C1100
9	8" DEPTH RIVER FLATS	K / C1100
10	CONCRETE CURB AND GUTTER	M / C1100
11	8" x 24" CONCRETE PAVERS. 4" THICK - 120 TO BE ENGRAVED WITH ONE WHOLE PAVES ALLOCATED FOR EACH COUNTY IN KENTUCKY. SEE SHEET C703 FOR MORE INFORMATION	N / C1100
12	4" x 8" PERMEABLE PAVERS	P / C1100
13	4" x 8" CONCRETE PAVERS	Q / C1100
14	LEDGER ROCK - STACKED TO STEP DOWN INTO STORMWATER POOLS. SEE SECTIONS D/E/C1102	L / C1100
15	FLUSH CURB WITH TAPER	-
16	ADA PANELS - (AT ALL CONDITIONS WHERE FLUSH SIDEWALK MEETS ROAD)	R / C1100
17	8" HEIGHT LOUVERED ALUMINUM SCREEN WALL MOUNTED TO TOP OF 12" THICK CONCRETE WALL. SEE STRUCTURAL FOR WALL DETAILS. SEE SPECS FOR SCREEN WALL BASIS OF DESIGN. THIS REPRESENTS BID ALTERNATE WORK. REFER TO LANDSCAPE PLAN FOR BASE BID.	-
18	CONCRETE STAIRS 15" TREAD WITH HANDRAILS ON BOTH SIDES. RAILING EMBED REQUIRES THICKENED CONCRETE UNDER PAVERS.	A / C1101
19	GUARDRAIL EMBEDDED IN CONCRETE WALL WITH CORE AND GROUTING	G / C1101
20	42" HEIGHT GUARDRAIL EMBEDDED IN CONCRETE WALL - SEE DETAIL C/A-430	SEE ARCH
21	CROSSWALK MARKINGS	E / C1101
22	CAMPUS STANDARD STAINLESS STEEL REMOVABLE BOLLARD	D / C1101
23	6" THICK CONCRETE RAMP AT 8.3% WITH HANDRAILS BOTH SIDES	H / C1101
24	FLUSH CONCRETE CURB - 6" OR 12" SEE PLANS	S / C1100
25	CONCRETE CHECK WALL WITH PRECAST CONCRETE PANELS - SEE STRUCTURAL FOR MORE INFORMATION	D, E / C1102
26	DRAINAGE STRUCTURE - C600 FOR MORE INFORMATION	-
27	UK STANDARD BIKE RACKS	B / C1101
28	LITTER/RECYCLING CONTAINERS	SEE SPECS
29	UK STANDARD PARKING SPACE STRIPING - DOUBLE, 4" WIDE WHITE PARKING SPACE STRIPING	D / C1101
30	6" HEIGHT CONCRETE HEADER CURB, 12" HEIGHT TOTAL	-
31	NEW RETAINING WALLS - SEE STRUCTURAL AND ARCHITECTURAL PLANS AND DETAILS. SHOWN FOR REFERENCE ONLY	-
32	6" HEIGHT CONCRETE ROLL CURB, TRANSITION BETWEEN ROLL CURB AND STANDARD CURB WHEN NECESSARY	M / C1100
33	1-1/2" ASPHALT MILL AND OVERLAY. SEE GRADING PLAN FOR MORE INFORMATION.	I / C1100
34	6" HEIGHT CONCRETE STEP	-



BEFORE YOU DIG CALL KENTUCKY UNDERGROUND (811) TWO (2) WORKING DAYS IN ADVANCE OF DIGGING



3225 Summit Square Place, Suite 200
Lexington, Kentucky 40509
859.252.6781



RESERVED FOR AHJ STAMP

CARMAN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING

BP-07

**MICHAEL D. RANKIN MD HEALTH
EDUCATION BUILDING**
UNIVERSITY OF KENTUCKY, BLDG NO. 0724
1148 UNIVERSITY DRIVE, LEXINGTON, KENTUCKY



CIVIL

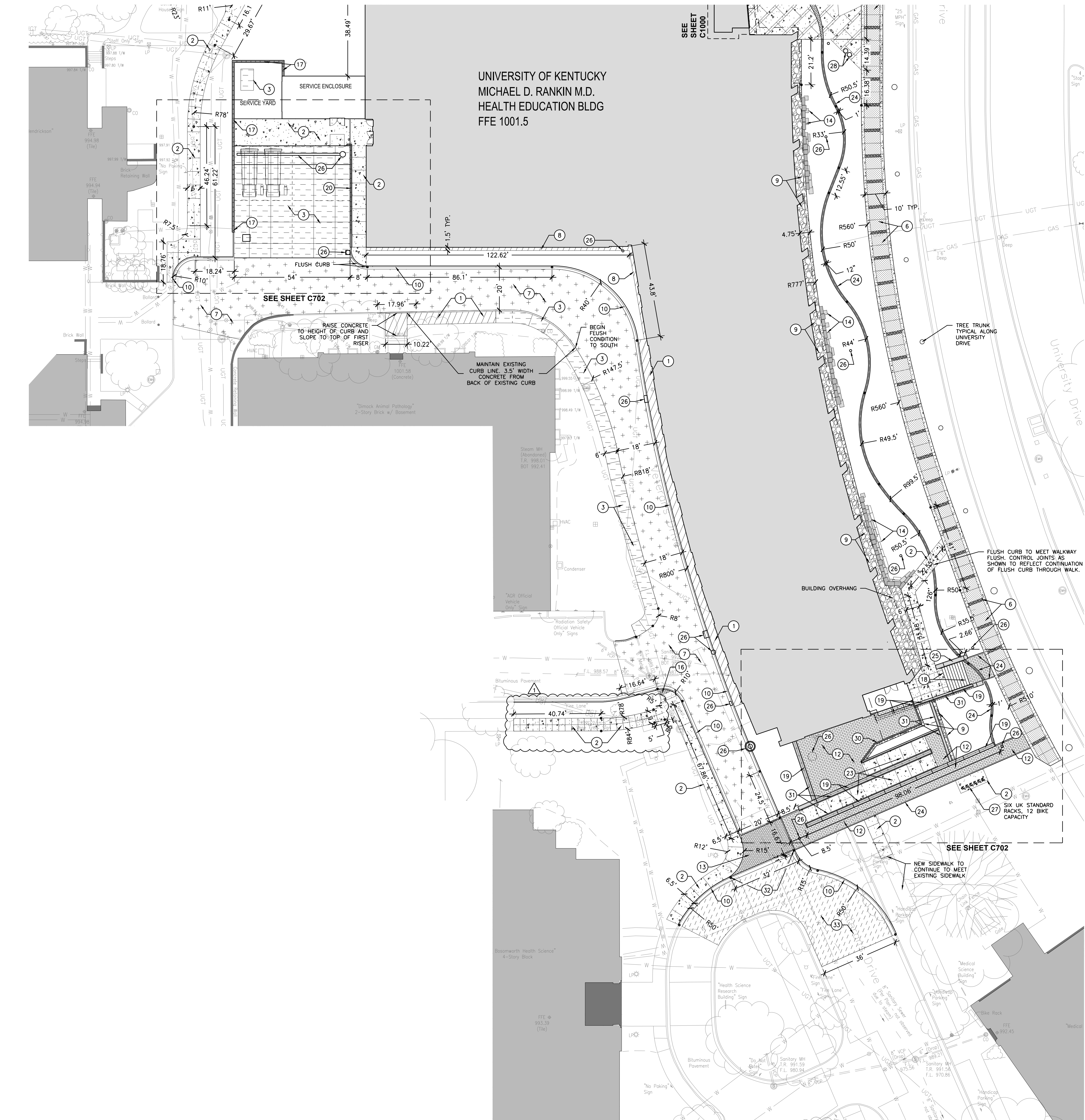
PROJECT	202170	
DATE	05.09.25	
REVISIONS		
No.	Description	Date
1	Addendum #3	7-23-25

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**SITE LAYOUT
AND MATERIALS
PLAN - NORTH**

C700

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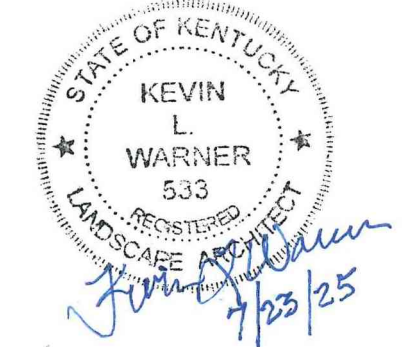
Site Layout and Materials Plan - South

SITE MATERIALS CODED NOTES

KEY	DESCRIPTION	DETAILS
1	4" THICK CONCRETE PAVEMENT - LIGHT BROOM FINISH	A / C1100
2	6" THICK CONCRETE PAVEMENT - LIGHT BROOM FINISH	B / C1100
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7	FULL DEPTH ASPHALT PAVEMENT	H / C1100
8	CONCRETE MOW STRIP 18" WIDE	J / C1100
9	8" DEPTH RIVER FLATS	K / C1100
10	CONCRETE CURB AND GUTTER	M / C1100
11	8" X 24" CONCRETE PAVERS, 4" THICK - 120 TO BE ENGRAVED WITH ONE WHOLE PAVES ALLOCATED FOR EACH COUNTY IN KENTUCKY. SEE SHEET C703 FOR MORE INFORMATION	N / C1100
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13	4" X 8" CONCRETE PAVERS	Q / C1100
14	LEDGER ROCK - STACKED TO STEP DOWN INTO STORMWATER POOLS. SEE SECTIONS D/E/C1102	L / C1100
15	FLUSH CURB WITH TAPER	-
16	ADA PANELS - (AT ALL CONDITIONS WHERE FLUSH SIDEWALK MEETS ROAD)	R / C1100
17	8' HEIGHT LOUVERED ALUMINUM SCREEN WALL MOUNTED TO TOP OF 12" THICK CONCRETE WALL. SEE STRUCTURAL FOR WALL DETAILS. SEE SPECS FOR SCREEN WALL BASIS OF DESIGN. THIS REPRESENTS BID ALTERNATE WORK. REFER TO LANDSCAPE PLAN FOR BASE BID.	-
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22	CAMPUS STANDARD STAINLESS STEEL REMOVABLE BOLLARD	D / C1101
23	6" THICK CONCRETE RAMP AT 8.3% WITH HANDRAILS BOTH SIDES	H / C1101
24	FLUSH CONCRETE CURB - 6" OR 12" SEE PLANS	S / C1100
25	CONCRETE CHEEK WALL WITH PRECAST CONCRETE PANELS - SEE STRUCTURAL FOR MORE INFORMATION	D, E / C1102
26	DRAINAGE STRUCTURE - C600 FOR MORE INFORMATION	-
27	UK STANDARD BIKE RACKS	B / C1101
28	LITTER/RECYCLING CONTAINERS	SEE SPECS
29	UK STANDARD PARKING SPACE STRIPING - DOUBLE, 4" WIDE WHITE PARKING SPACE STRIPING	D / C1101
30	6" HEIGHT CONCRETE HEADER CURB, 12" HEIGHT TOTAL	-
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33	1-1/2" ASPHALT MILL AND OVERLAY. SEE GRADING PLAN FOR MORE INFORMATION.	I / C1100
34	6" HEIGHT CONCRETE STEP	-

GRAPHIC LEGEND

	NEW BUILDING AND SITE WALLS		FULL DEPTH ASPHALT
	EXISTING BUILDING OR OVERHANG TO REMAIN		MILL AND OVERLAY
	4" CONCRETE SIDEWALK/PAVEMENT		4" THICK CONCRETE MOW STRIP
	6" CONCRETE PAVEMENT		RIVER FLAT STONE
	8" CONCRETE WITH TURN DOWN EDGE		8" X 24" PAVERS
	6" CONCRETE WITH PLAZA BANDS		4" X 8" PERMEABLE PAVERS
	CAMPUS STANDARD CONCRETE WALK		4" X 8" PAVERS
	CONTROL JOINTS		ADA PAVERS
	EXPANSION JOINT AS SHOWN		FLUSH CONCRETE CURB
	CONCRETE HEADER CURB		CURB AND GUTTER
			HANDRAIL



RESERVED FOR AHJ STAMP



BP-07
MICHAEL D. RANKIN MD HEALTH
EDUCATION BUILDING
UNIVERSITY OF KENTUCKY - BLDG NO. 0724
1148 UNIVERSITY DRIVE, LEXINGTON, KENTUCKY

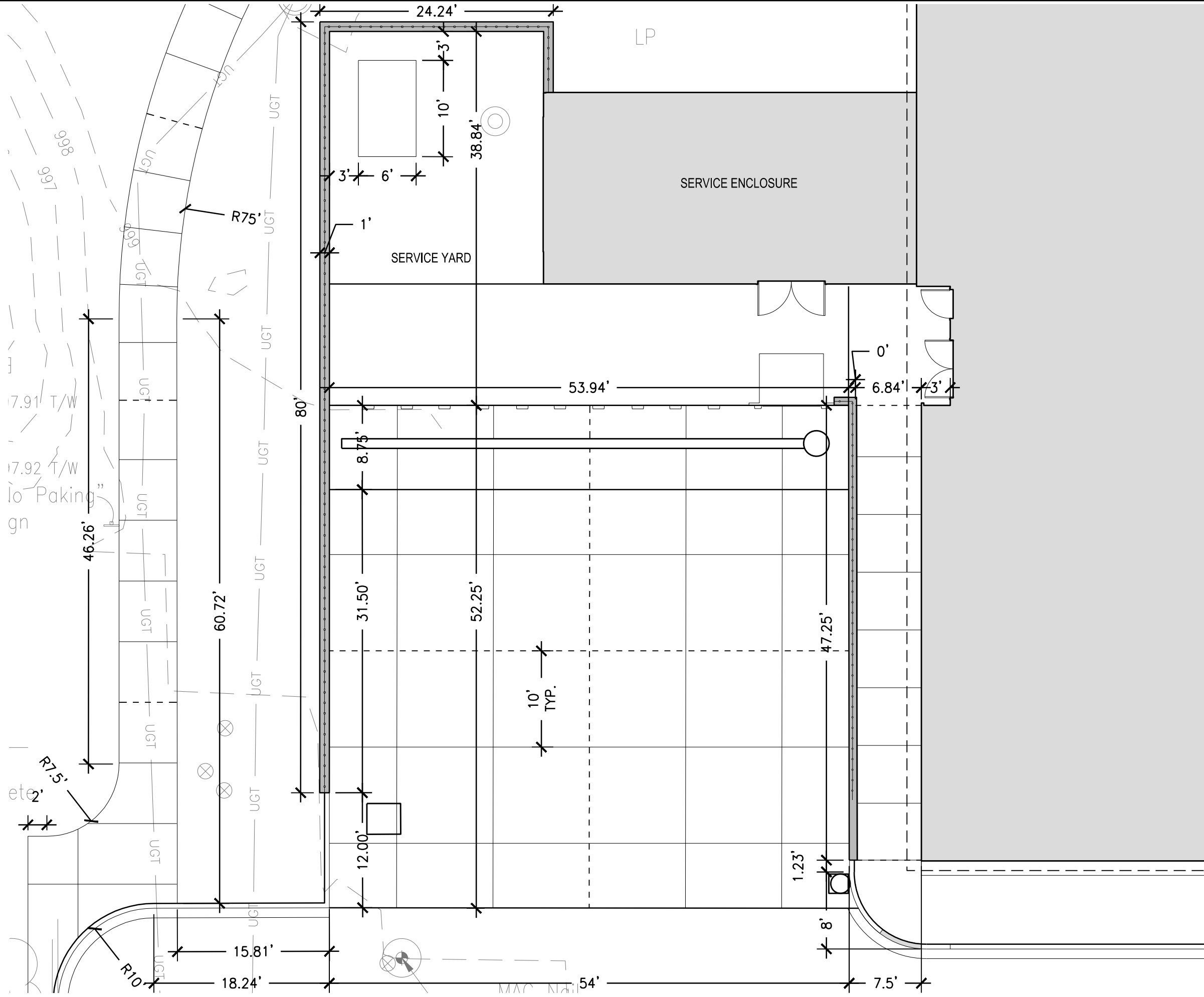


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PROJECT	202170	
DATE	05.09.25	
REVISIONS		
No.	Description	Date
1	Addendum #3	7-23-25

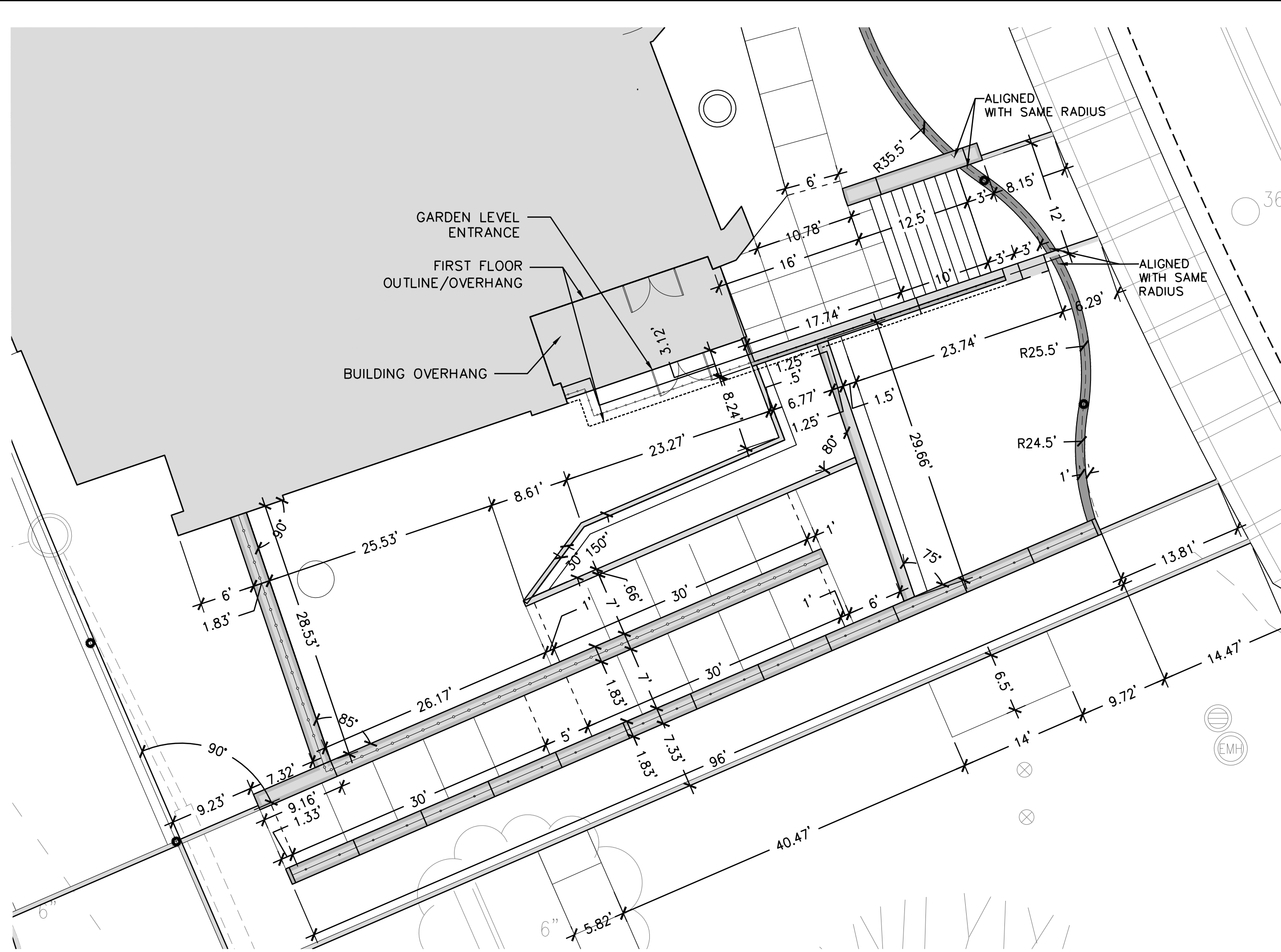
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SITE LAYOUT
AND MATERIALS
PLAN - SOUTH

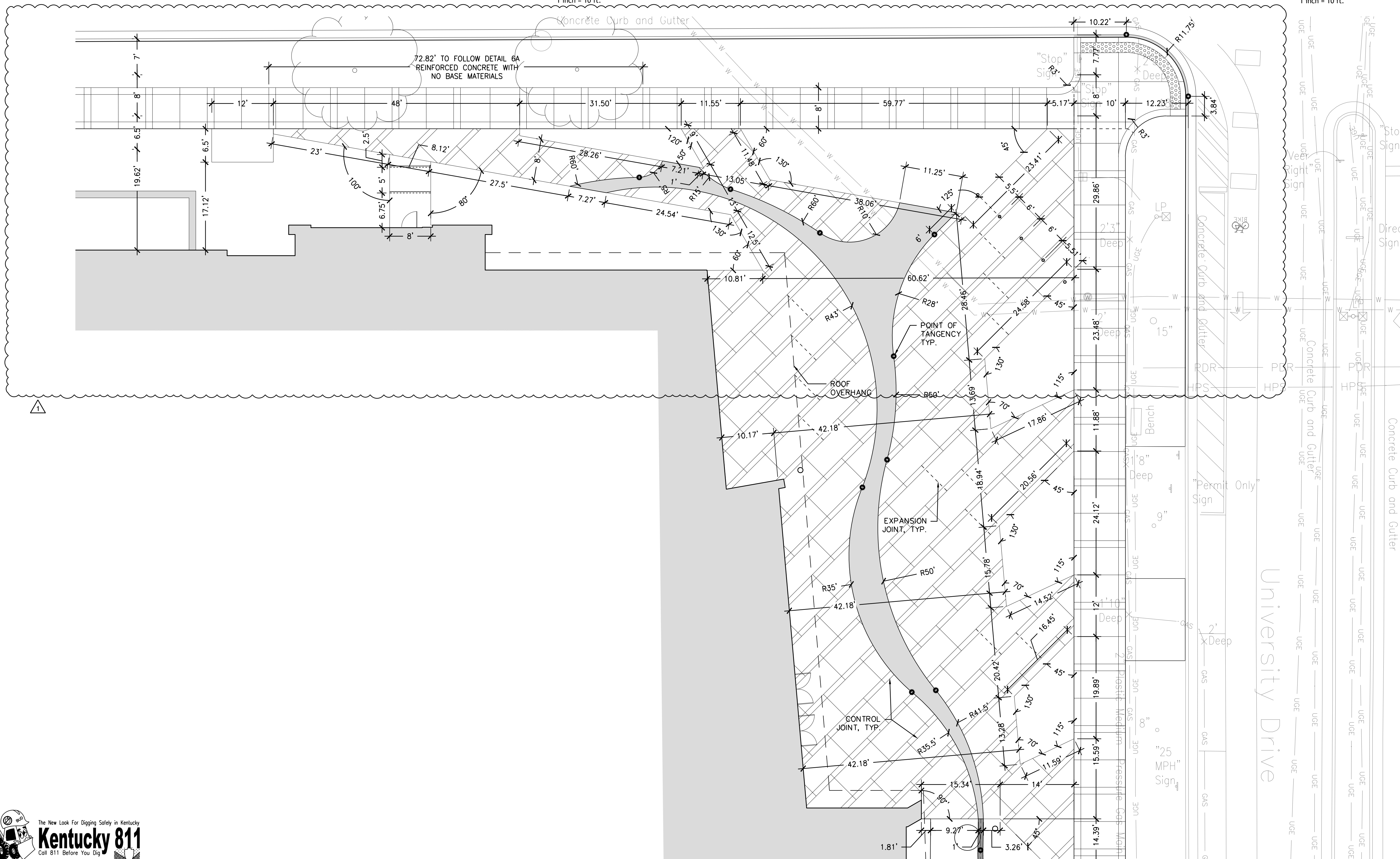
C701
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Site Layout Plan - Loading Dock Enlargement



Site Layout Plan - Garden Level Enlargement



Layout Plan - Main Plaza Enlargement

SITE MATERIALS CODED NOTES

KEY	DESCRIPTION	DETAILS
1	4" THICK CONCRETE PAVEMENT - LIGHT BROOM FINISH	A / C1100
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15	FLUSH CURB WITH TAPER	-
16	ADA PANELS - (AT ALL CONDITIONS WHERE FLUSH SIDEWALK MEETS ROAD)	R / C1100
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21	CROSSWALK MARKINGS	E / C1101
22	CAMPUS STANDARD STAINLESS STEEL REMOVABLE BOLLARD	D / C1101
23	6" THICK CONCRETE RAMP AT 8.3% WITH HANDRAILS BOTH SIDES	H / C1101
24	FLUSH CONCRETE CURB - 6" OR 12" SEE PLANS	S / C1100
25	CONCRETE CHEEK WALL WITH PRECAST CONCRETE PANELS - SEE STRUCTURAL FOR MORE INFORMATION	D, E / C1102
26	DRAINAGE STRUCTURE - C600 FOR MORE INFORMATION	-
27	UK STANDARD BIKE RACKS	B / C1101
28	LITTER/RECYCLING CONTAINERS	SEE SPECS
29	UK STANDARD PARKING SPACE STRIPING - DOUBLE, 4" WIDE WHITE PARKING SPACE STRIPING	D / C1101
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33	1-1/2" ASPHALT MILL AND OVERLAY. SEE GRADING PLAN FOR MORE INFORMATION.	I / C1100
34	6" HEIGHT CONCRETE STEP	-

GRAPHIC LEGEND

	NEW BUILDING AND SITE WALLS
	EXISTING BUILDING OR OVERHANG TO REMAIN
	CONTROL JOINTS
	EXPANSION JOINT AS SHOWN
	CONCRETE HEADER CURB
	ADA PAVERS
	FLUSH CONCRETE CURB
	CURB AND GUTTER
	HANDRAIL
	POINT OF TANGENCY

CIVIL

PROJECT	202170
DATE	05.09.25

REVISIONS		
No.	Description	Date
1	Addendum #3	7-23-26

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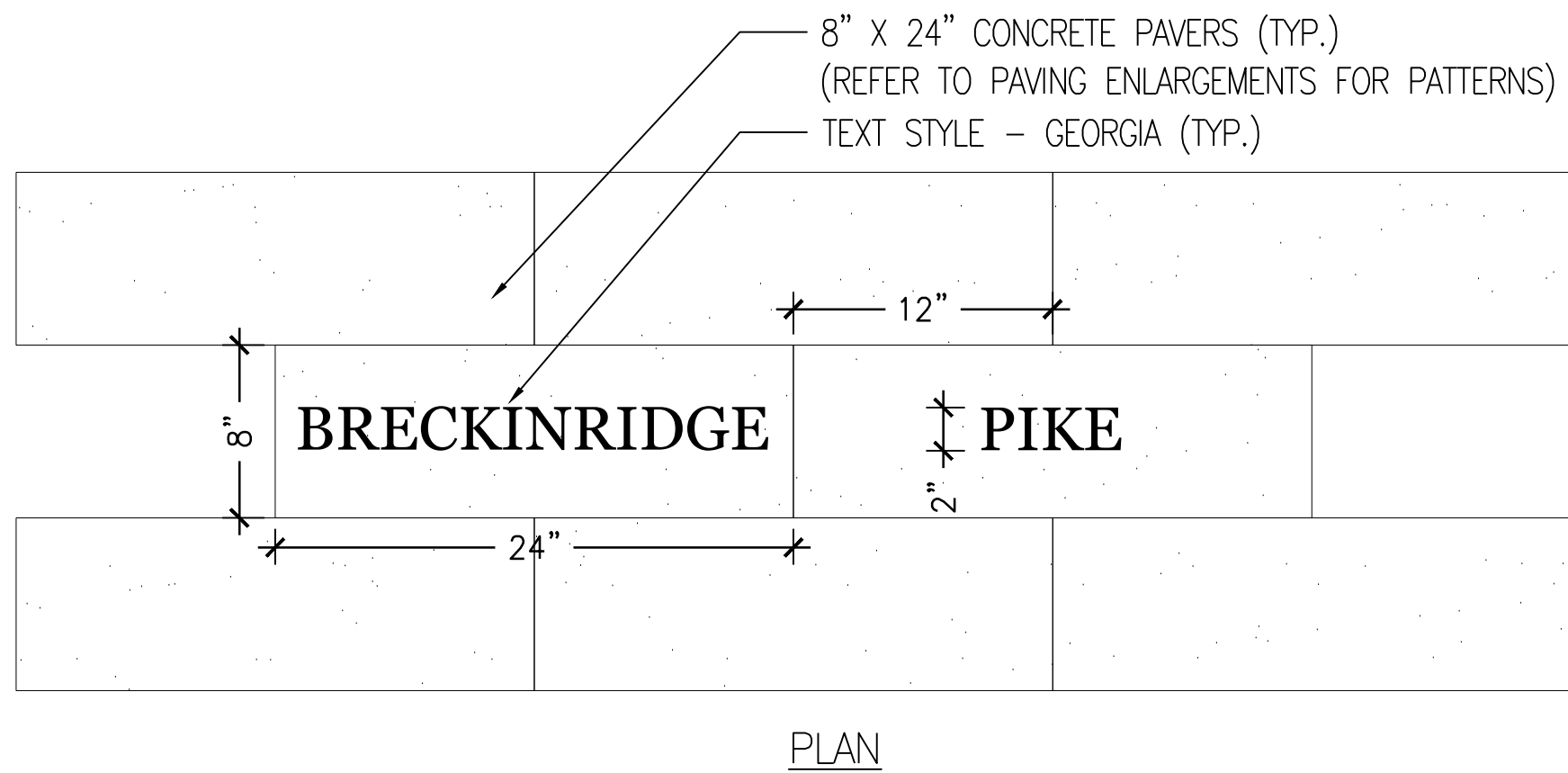
**SITE LAYOUT
AND MATERIALS
PLAN
ENLARGEMENTS**

C702

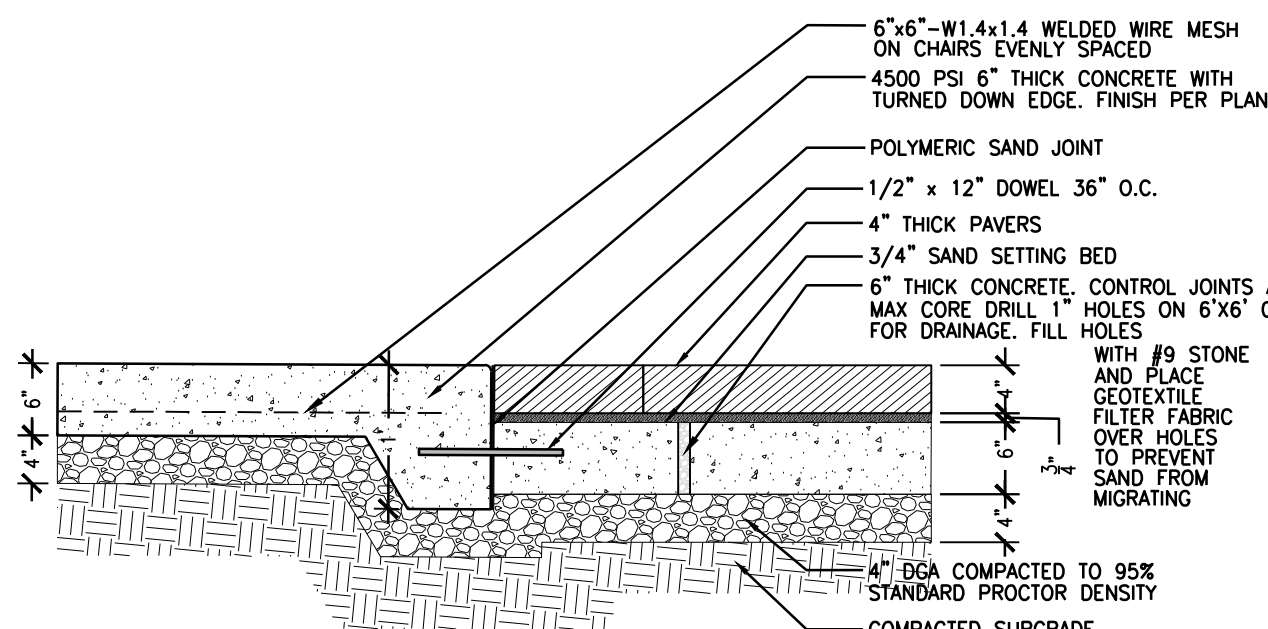
KEY	DESCRIPTION	KEY	DESCRIPTION
1	FULTON	61	PULASKI
2	HICKMAN	62	MCCREARY
3	CARLISLE	63	LAUREL
4	BALLARD	64	ROCKCASTLE
5	GRAVES	65	GARRARD
6	MCCRACKEN	66	JESSAMINE
7	CALLOWAY	67	FRANKLIN
8	MARSHALL	68	HENRY
9	LIVINGSTON	69	TRIMBLE
10	TRIGG	70	CARROLL
11	LYON	71	GALLATIN
12	CRITTENDEN	72	MADISON
13	CALDWELL	73	JACKSON
14	CHRISTIAN	74	CLAY
15	HOPKINS	75	WHITLEY
16	WEBSTER	76	BELL
17	UNION	77	KNOX
18	HENDERSON	78	OWSLEY
19	DAVISS	79	LEE
20	MCLEAN	80	ESTILL
21	MUHLENBERG	81	POWELL
22	TODD	82	CLARK
23	LOGAN	83	FAYETTE
24	SIMPSON	84	SCOTT
25	WARREN	85	BOURBON
26	BUTLER	86	HARRISON
27	OHIO	87	NICHOLAS
28	HANCOCK	88	MONTGOMERY
29	BRECKINRIDGE	89	BREATHITT
30	GRAYSON	90	BATH
31	EDMONSON	91	MENIFEE
32	ALLEN	92	WOLFE
33	MONROE	93	MAGOFFIN
34	BARREN	94	ROWAN
35	HART	95	FLEMING
36	LARUE	96	LESLIE
37	HARDIN	97	HARLAN
38	MEADE	98	LETCHER
39	JEFFERSON	99	KNOTT
40	BULLITT	100	FLOYD
41	NELSON	101	PERRY
42	MARION	102	CARTER
43	TAYLOR	103	ELLIOTT
44	GREEN	104	MORGAN
45	METCALFE	105	ROBERTSON
46	CUMBERLAND	106	OWEN
47	CLINTON	107	GRANT
48	WAYNE	108	BOONE
49	RUSSELL	109	BRACKEN
50	ADAIR	110	MASON
51	CASEY	111	BOYD
52	BOYLE	112	JOHNSON
53	WASHINGTON	113	PIKE
54	MERCER	114	MARTIN
55	WOODFORD	115	LAWRENCE
56	ANDERSON	116	GREENUP
57	SPENCER	117	LEWIS
58	SHELBY	118	PENDLETON
59	OLDHAM	119	KENTON
60	LINCOLN	120	CAMPBELL



Main Plaza Pavers



A 8' X 24" CONCRETE PAVER WITH ENGRAVING
SCALE: 1- 1/2"=1'-0"



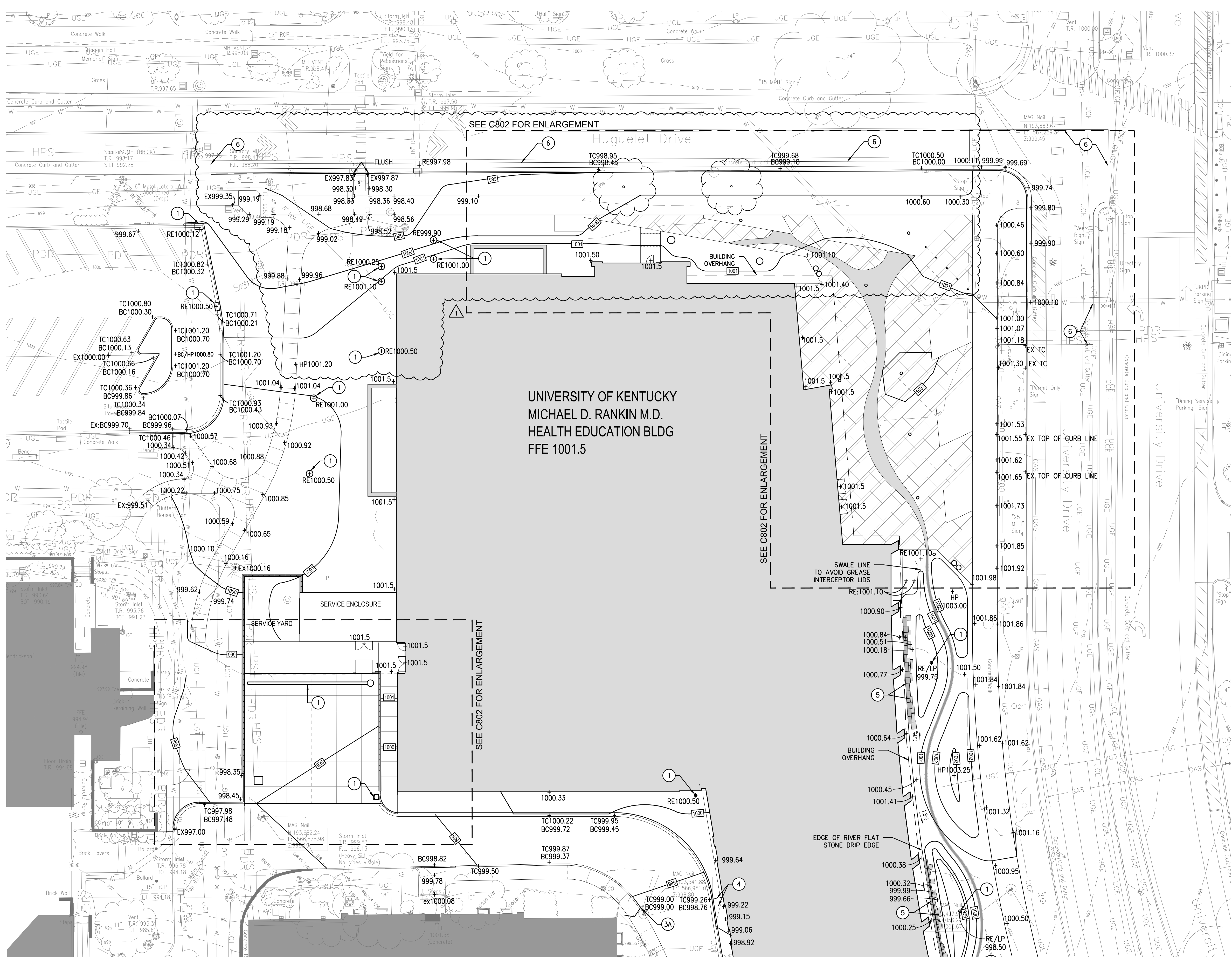
B PLAZA PAVERS AGAINST 6" CONCRETE
SCALE: 3/4"=1'-0"

GENERAL MAIN PLAZA PAVER PATTERN PLAN NOTES

1. THE INTENTION OF THIS PLAN IS TO SHOW WHERE ENGRAVED PAVERS WILL BE LOCATED IN THE MAIN PLAZA.
2. (120) 8" X 24" PAVERS WILL BE ENGRAVED, ONE FOR EACH COUNTY IN KENTUCKY.
3. EACH COUNTY HAS A NUMBER ON THE LIST AND IT CORRESPONDS TO THE NUMBER ON THE PLAN, THE INTENTION IS THAT WESTERN KENTUCKY BEGINS AT NUMBER ONE AND AS YOU MOVE EAST ACROSS KENTUCKY THE NUMBERS GET HIGHER.
4. ALL ENGRAVED PAVERS SHOULD BE WHOLE, NO CUTS.

MAIN PLAZA PAVERS CODED NOTES

KEY	DESCRIPTION	DETAILS
1	8" X 24" CONCRETE PAVER WITH ENGRAVING	A / C703
2	PLAZA PAVERS AGAINST 6" THICK CONCRETE	B / C703



Site Grading Plan - North



BEFORE YOU DIG CALL KENTUCKY UNDERGROUND (811) TWO (2) WORKING DAYS IN ADVANCE OF DIGGING

GENERAL GRADING PLAN NOTES

- ALL SPOT ELEVATIONS INDICATE FINISH GRADE OF SURFACE. ADJUSTMENTS MUST BE MADE TO ESTABLISH GRADES OF SUB-BASE OR SUBGRADE. SPOT ELEVATIONS ARE INCLUSIVE OF ANY LANDSCAPE MULCH REQUIRED.
- PRIOR TO CONSTRUCTION OR DEMOLITION, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATION OF ALL EXISTING UTILITIES, SO THAT NEW CONSTRUCTION WILL NOT DAMAGE OR INTERFERE WITH EXISTING UTILITY LINES. SHOULD DAMAGE OCCUR, IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR AND/OR REPLACE SAID DAMAGE AT THE CONTRACTOR'S EXPENSE. FINISHED REPAIRS OR REPLACEMENT SHALL MEET THE APPROVAL OF THE OWNER.
- ALL EXCESS EXCAVATED MATERIAL, OTHER THAN TOPSOIL, IS TO BE REMOVED FROM THE SITE AT CONTRACTOR'S COST.
- UNLESS OTHERWISE NOTED, ALL TREES AND VEGETATION SHALL BE PROTECTED DURING CONSTRUCTION. ALL VEGETATION, ROOTS, TREES, ETC. TO BE REMOVED SHALL BE REMOVED TO A MINIMUM DEPTH OF THREE FEET BELOW FINISHED GRADE. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NOT TO DAMAGE FOLIAGE, BRANCHES OR ROOTS OF EXISTING TREES TO REMAIN. BURNING IS NOT ALLOWED ON SITE UNLESS APPROVED BY OWNER AND LOCAL FIRE DEPARTMENT.
- BEFORE STARTING SITE EXCAVATION, CONTRACTOR SHALL STRIP ALL TOPSOIL FROM PORTIONS OF THE SITE TO BE DEVELOPED AND STORE IN A LOCATION THAT WILL NOT INTERFERE WITH SITE DEVELOPMENT OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR REDISTRIBUTING TOPSOIL IN ALL FINISHED GRADE AREAS, BACK-FILLING CURBS, SIDEWALKS, ETC. TOPSOIL SHALL NOT BE DISTRIBUTED WHEN WET OR OVERLY COMPACTED.
- CONTRACTOR SHALL PROVIDE LANDSCAPE ARCHITECT/CIVIL ENGINEER WITH COMPACTION TESTING FROM AN INDEPENDENT TESTING AGENCY. COMPACTION TESTS SHALL BE TESTED BY THE TESTING AGENCY AND PAID FOR BY THE CONTRACTOR.
- SHOULD CONTRACTOR ENCOUNTER ROCK EXCAVATION, THE ROCK SHALL BE REMOVED TO A MINIMUM DEPTH OF SIX INCHES BELOW BOTTOM OF UTILITIES OR SUBGRADE OF ROAD BEDS AND FIFTEEN INCHES BELOW TURF AREAS UNLESS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS INCLUDING THE GEOTECHNICAL REPORT.
- CONTRACTOR SHALL TAKE PRECAUTIONS NOT TO PLACE EXCAVATED MATERIALS IN A FLOOD PLAIN, JURISDICTIONAL OR SPECIAL USE WATERS OR DESIGNATED/CONSTRUCTED WETLANDS.
- ELEVATIONS AND CONTOURS ON THIS PLAN ARE REFERENCED TO MEAN SEA LEVEL DATUM AND BENCHMARKS REFERENCED ON THE PLAN.
- IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO VERIFY IF ROCK EXCAVATION FOR MASS GRADING OR TRENCHING IS REQUIRED. ALL EXCAVATION IS UNCLASSIFIED. THERE WILL BE NO PAYMENT FOR ROCK EXCAVATION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EXCAVATION QUANTITIES.
- IT IS THE DESIGN INTENT FOR ALL WATER TO BE DIRECTED AWAY FROM THE PROPOSED AND EXISTING BUILDINGS.
- CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT AND/OR PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES INCLUDING MAXIMUM 2% CROSS-SLOPE FOR ACCESSIBLE PEDESTRIAN ROUTES AND 2% SLOPES IN ANY DIRECTION FOR LANDINGS AT STAIRS AND RAMPS. THE CONTRACTOR SHALL VERIFY THESE COMPLIANT SLOPES IMMEDIATELY AFTER FORMING OF OR SETTING OF GRADE STAKES AND IF SPECIFIED GRADES ARE NOT COMPLIANT, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT/CIVIL ENGINEER IMMEDIATELY FOR A RESOLUTION.
- STEPS IN EACH RUN SHALL BE CONFORMANT IN HORIZONTAL SLOPE TREADS TO DRAIN WITH 2% MAX SLOPE IN ANY DIRECTION.
- REFER TO THE SITE SURVEY FOR EXISTING SPOT ELEVATIONS.
- ROOF LEADER CONNECTIONS TO MAIN LINE SHALL BE 6" DIAMETER PIPE WITH 12" MINIMUM COVER UNLESS OTHERWISE NOTED. ROOF LEADERS SHALL HAVE A MINIMUM OF 1% POSITIVE GRADIENT TO THE POINT OF CONNECTION OR DISCHARGE.
- BORROWED FILL MATERIALS ARE TO BE APPROVED BY THE OWNER, LANDSCAPE ARCHITECT, CIVIL ENGINEER AND/OR THE GEOTECHNICAL ENGINEER PRIOR TO TRANSPORT OR USE ON THIS SITE.
- EXISTING STORM SEWER RIMS AND INVERTS ARE TAKEN FROM THE SITE SURVEY AND SHOULD BE CROSS-REFERENCED WITH THE SITE SURVEY. REFER TO SITE SURVEY FOR ALL EXISTING ON-SITE STORM SEWER INFORMATION.
- CONTRACTOR IS RESPONSIBLE FOR DESIGN OF SHORING AND UNDERPINNING OF UTILITIES OR STRUCTURES AT LOCATIONS INDICATED. CONTRACTOR SHALL PROVIDE SUBMITTAL DRAWINGS PREPARED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF KENTUCKY AS REQUIRED BY THE OCCUPATIONAL SAFETY HEALTH ADMINISTRATION. THE NEED FOR, MEANS AND METHODS FOR SHORING ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL PAVED AREAS INCLUDING SIDEWALKS, PARKING AREAS, SERVICE AREAS, ETC. ARE SPECIFIED WITH MATERIALS FOR THE INTENDED FINAL USE OF EACH AREA. THE AREAS ARE NOT SPECIFIED TO BE USED FOR TEMPORARY CONSTRUCTION TRAFFIC. SHOULD THE CONTRACTOR INSTALL OR CONSTRUCT THE PAVED AREA AS SPECIFIED AND THEN UTILIZE FOR TEMPORARY CONSTRUCTION ACTIVITY, THE CONTRACTOR AT NO COST TO THE OWNER SHALL REPAIR AND/OR RECONSTRUCT THE AREAS WITH REGARDS TO MEETING MATERIAL SPECIFICATIONS, SUBSEQUENT STABILIZATION AND GRADING PRIOR TO CONSTRUCTION OF FINAL PAVEMENT SURFACES.
- THE CONTRACTOR SHALL NOTE THAT TEMPORARY CONSTRUCTION ACTIVITY MAY DE-STABILIZE SUBGRADES FOR BUILDING OR PAVED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS AND METHODS COST FOR THE TEMPORARY USE OF AREAS FOR CONSTRUCTION ACTIVITY AND SHALL ALSO BE RESPONSIBLE FOR RE-STABILIZING AREAS SHOULD TEMPORARY CONSTRUCTION ACTIVITY CONTRIBUTE TO THE NEED TO STABILIZE BUILDING OR PAVEMENT AREAS.
- ELEVATIONS OF ALL RIMS, STRUCTURE COVERS, ACCESS DOORS AND TOPS OF ALL UTILITY VAULTS, MANHOLES, VENTS, VALVE BOXES, ETC. SHALL BE ADJUSTED TO MEET PROPOSED SURROUNDING GRADES.
- BEFORE STARTING SITE EXCAVATION, CONTRACTOR SHALL BE FAMILIAR WITH THE REPORT OF GEOTECHNICAL EXPLORATION AND COMPLY WITH RECOMMENDATION PROVIDED FOR SUBGRADE CONDITIONS.
- TOPSOIL SHALL BE SIX (6) INCHES DEEP IN ALL TURF AREAS AND TWELVE (12) INCHES DEEP IN ALL LANDSCAPE BED AREAS AFTER PLACEMENT AND REASONABLE SETTLEMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINISH GRADING OF TOPSOIL AND SHALL ENSURE THAT FINISH GRADING DOES NOT CONTAIN COMPRESSIONS OR HIGH AREAS THAT ARE NOT CONSISTENT WITH PROPOSED SURFACE GRADES. THE CONTRACTOR SHALL RECEIVE APPROVAL OF FINISH SURFACE GRADING FROM THE OWNER, LANDSCAPE ARCHITECT OR CIVIL ENGINEER PRIOR TO INSTALLATION OF TURF OR LANDSCAPE MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MITIGATING ANY IRREGULARITIES PRIOR TO PLACEMENT OF TURF OR LANDSCAPE MATERIALS.
- CONTRACTOR SHALL NOT CREATE ANY SITE GRADING THAT WILL PREVENT THE NORMAL DRAINAGE OF WATER OF DAM WATER ON ANY ADJACENT PROPERTIES. SHOULD OFFSITE TOPOGRAPHY OR CONTOURS SHOWN ON GRADING PLAN NOT DEPICT ACCURATE CONDITIONS THAT CREATE DRAINAGE PROBLEMS, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE OWNER, LANDSCAPE ARCHITECT AND/OR CIVIL ENGINEER, PRIOR TO BEGINNING WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNDERCUT OF UNUSABLE, UNSTABLE OR OTHERWISE UNACCEPTABLE MATERIALS THAT ARE INDICATED ON THIS PLAN, ASSOCIATED SPECIFICATIONS AND/OR REFERENCED IN THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL PAY FOR ALL UNDERCUT EXCAVATION AND DISPOSITION OF MATERIALS IN AN ACCEPTABLE MANNER THAT MAY INCLUDE HAULING OFFSITE, DISTRIBUTION ON THE SITE IN AREAS THAT ARE NOT DESIGNATED FOR STRUCTURAL FILL FOR BUILDINGS OR PAVEMENTS. ANY DISTRIBUTION OF MATERIALS ON-SITE SHALL BE PLACED TO CREATE POSITIVE DRAINAGE AND WASTED MATERIALS SHALL BE SEEDED AND MULCHED, AT A MINIMUM, UNLESS OTHERWISE SPECIFIED.
- ANY UNDERGROUND DETENTION FACILITIES SHALL BE OBSERVED BY LANDSCAPE ARCHITECT/CIVIL ENGINEER UPON COMPLETION OF EXCAVATION TO OBTAIN REQUIRED VOLUME AND THE CONTRACTOR SHALL PROVIDE VOLUME COMPUTATIONS TO VERIFY COMPLIANCE; VERIFICATION OF STRUCTURE PLACEMENT OF AGGREGATE BACKFILL REQUIREMENTS AND ANY LINING INSTALLATION PRIOR TO BACKFILL OF THE SUBSURFACE DETENTION FACILITY.
- REFER TO ARCHITECTURAL PLANS FOR ALL DOWNSPOUT SIZES, LOCATION, AND QUANTITIES. COORDINATE THIS PLAN WITH ARCHITECTURAL TO ENSURE ALL TIE-IN LOCATIONS ARE COORDINATED.
- CONTRACTOR SHALL ENSURE ALL PROPOSED IMPROVEMENTS MEET AND MATCH EXISTING AND/OR ADJACENT CONDITIONS. CONTRACTOR SHALL NOTIFY DESIGN ENGINEER UPON ANY DISCREPANCY WHICH WILL DETER ADHERENCE TO THIS CONDITION.
- ALL STORM PIPING CONNECTING TO DOWNSPOUT BOOTS SHALL BE 6" UNLESS OTHERWISE NOTED.
- ALL STORM SEWER INFRASTRUCTURE NEEDS TO BE FLUSHED FREE OF SEDIMENT AND INSPECTED BY ENGINEER AT COMPLETION OF PROJECT.
- SPOT ELEVATIONS LABELED WITH "EX" ARE EXISTING SPOTS THAT HAVE BEEN INTERPOLATED FROM THE SITE SURVEY AND NEED TO BE VERIFIED IN THE FIELD. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- CONTRACTOR TO FIELD VERIFY ALL LOCATIONS AND DEPTHS OF EXISTING STORM STRUCTURES PRIOR TO BEGINNING CONSTRUCTION TO INSURE ADEQUATE DEPTH.
- CONTRACTOR TO LOCATE STOCKPILING OF SOILS WITHIN THE LIMITS OF WORK. ONCE A LOCATION IS SELECTED, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED TO VALIDATE THE LOCATION IS APPROPRIATE.
- ALL DISTURBED GRADE AREAS TO BE SODDED OR SEEDED AT COMPLETION OF PROJECT. REFER TO LANDSCAPE PLAN FOR LIMITS OF SOD.
- IF ANY EXISTING ASBESTOS COATED SEWER LINE IS UNEARTHED, IT WILL REQUIRE ABATEMENT IN ACCORDANCE WITH CURRENT EPA GUIDELINES.
- PROVIDE A MINIMUM OF 12" CRUSHED STONE BACKFILL OVER STORM PIPING. STORM PIPING UNDER PAVED SURFACES TO BE BACKFILLED FULL DEPTH WITH CRUSHED STONE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING OF EXCAVATION AREAS FOR FOUNDATIONS AND/OR BASEMENTS AND SHALL NOT ALLOW PONDING OF WATER THAT WILL DESTABILIZE THE SOIL BEARING FOR FOUNDATIONS, SLABS, STRUCTURES, ETC.
- IN AREAS OF ASPHALT OVERLAYS THAT ARE REQUIRED FOR PAVED AREAS, THE FINISH GRADE ELEVATION REFERENCED BY SPOT ELEVATIONS SHALL PREVAIL OVER THE TYPICAL OVERLAYMENT DEPTH THAT MAY BE SHOWN ON THE TYPICAL DETAIL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE DEPTH OF ASPHALT OVERLAYMENT BETWEEN EXISTING PAVEMENT GRADE AND SPECIFIED FINISH PAVEMENT ELEVATION.
- CONTRACTOR SHALL UTILIZED DIGITAL FILES TO ESTABLISH COORDINATES FOR LOCATING DRAINAGE STRUCTURES. DIGITAL FILES CAN BE OBTAINED FROM CARMAN. SHOULD THE CONTRACTOR NEED A LISTING OF STRUCTURE COORDINATES, THESE MAY BE REQUESTED FROM THE OFFICE OF CARMAN.
- THE CONTRACTOR SHALL NOTE THAT TERMITE PROTECTION AND TREATMENT IS REQUIRED BY THE ARCHITECTURAL SPECIFICATIONS AND THIS TREATMENT SHALL BE APPLIED BEFORE SLAB SYSTEM IS INSTALLED.
- THE CONTRACTOR SHALL SUBMIT SITE SPECIFIC SHOP DRAWINGS, SAMPLES, ETC FOR ANY MANUFACTURED OR PRE-CAST EQUIPMENT OR STRUCTURES ASSOCIATED WITH STORM DRAINAGE OR STORMWATER MANAGEMENT IMPROVEMENTS.
- ANY SUMPS REMAINING IN STORM STRUCTURES (PVC OR CONCRETE) BELOW THE INVERT ELEVATION OF THE OUTLET PIPE SHALL BE FILLED WITH CONCRETE TO ELIMINATE ANY STANDING WATER WITHIN THE STRUCTURES.

SITE GRADING PLAN CODED NOTES

KEY	DESCRIPTION	DETAILS
1	STORM STRUCTURE - SEE C800 SERIES FOR MORE INFORMATION - SUBJECT TO CHANGE AFTER INITIAL CONSTRUCTION DOCUMENT SUBMITTAL DUE TO DEVELOPING CONDITIONS	-
2	2% SLOPE OUT OF BUILDING FOR 4'-0" MINIMUM BEFORE TRANSITIONING TO STEEPER SLOPE	-
3A	POINT OF TRANSITION BETWEEN CONCRETE CURB AND GUTTER AND FLUSH CONCRETE WITH TURNED DOWN EDGE. FLUSH CURB CONDITION CONTINUES SOUTH UNTIL MEETING EXISTING CURB	-
3B	TRANSITION FLUSH CONCRETE CURB TO FULL HEIGHT CURB WITH 6" HEIGHT TAPER	-
4	CONCRETE APRON TO SLOPE AWAY FROM BUILDING AT 2% MINIMUM AND 4.99% MAXIMUM	-
5	LEDGER ROCK STEPS AT VARIABLE INTERVALS BETWEEN 3"-5". LEDGER ROCK MAY REQUIRE 2-4 COURSES TO MEET APPROPRIATE GRADE. FIELD VERIFICATION IS REQUIRED TO PREPARE THIS AREA FOR LEDGER ROCK TO ALIGN TO BUILT CONDITIONS.	L/C1100 AND E/C1102
6	EXTENTS OF AREA TO HAVE A 1-1/2" MILL AND OVERLAY THAT MEET EXISTING SURFACE ARE TO MEET FLUSH WITH SMOOTH AND UNIFORM TRANSITION. THE INTENT OF THE MILL AND OVERLAY AT THE CORNER OF HUGUELET AND UNIVERSITY IS TO DIRECT DRAINAGE AWAY FROM FLUSH CURB RAMP. ALL SAW CUTS TO HAVE CLEAN STRAIGHT LINES.	1 / C1100

GRAPHIC LEGEND

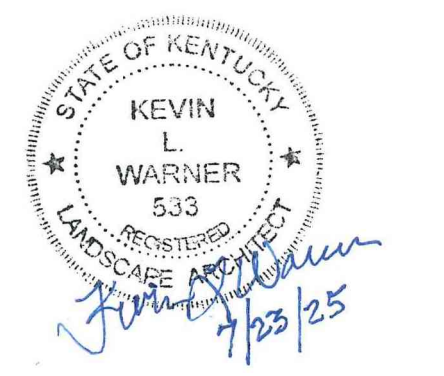
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925	MAJOR EXISTING CONTOUR
924	MINOR PROPOSED CONTOUR
925	MAJOR PROPOSED CONTOUR
+12.83	SPOT ELEVATIONS
1.5%	SLOPE DIRECTION

GRADING LEGEND

EX	EXISTING SPOT
TC	TOP OF CURB
BC	BOTTOM OF CURB
TS	TOP OF STEP
BS	BOTTOM OF STEP
GR	STORM GRATE ELEVATION
RE	RIM ELEVATION
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
TW	TOP OF WALL
BW	BOTTOM OF WALL



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BP-07
MICHAEL D. RANKIN MD HEALTH
EDUCATION BUILDING
UNIVERSITY OF KENTUCKY, BLDG NO. 0724
1148 UNIVERSITY DRIVE, LEXINGTON, KENTUCKY



CIVIL

PROJECT 202170

DATE 05.09.25

REVISIONS

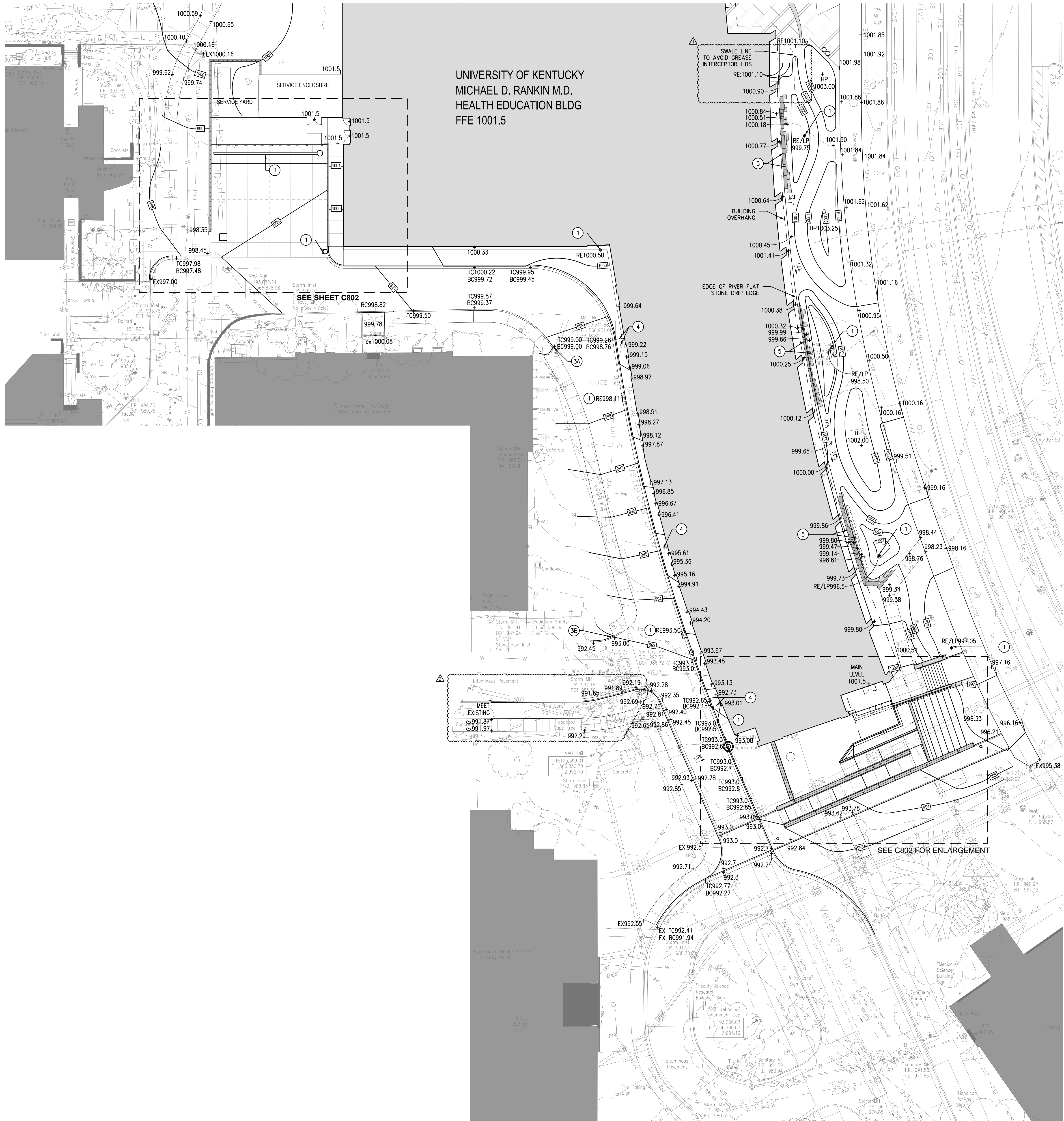
No.	Description	Date
1	Addendum #3	7-23-26

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS - IN ELECTRONIC OR ANY OTHER FORMAT - IN WHOLE, OR IN PART, FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO DISSEMINATE THE ELECTRONIC FILES TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. THE CLIENT FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT REGARDING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR RELIANCE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

SITE GRADING PLAN - NORTH

C800

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Site Grading Plan - South

SITE GRADING PLAN CODED NOTES

KEY	DESCRIPTION	DETAILS
1	STORM STRUCTURE - SEE C600 SERIES FOR MORE INFORMATION - SUBJECT TO CHANGE AFTER INITIAL CONSTRUCTION DOCUMENT SUBMITTAL DUE TO DEVELOPING CONDITIONS	-
2	2% SLOPE OUT OF BUILDING FOR 4'-6" MINIMUM BEFORE TRANSITIONING TO STEEPER SLOPE	-
3A	POINT OF TRANSITION BETWEEN CONCRETE CURB AND GUTTER AND FLUSH CONCRETE WITH TURNED DOWN EDGE. FLUSH CURB CONDITION CONTINUES SOUTH UNTIL MEETING EXISTING CURB	-
3B	TRANSITION FLUSH CONCRETE CURB TO FULL HEIGHT CURB WITH 6" HEIGHT TAPER	-
4	CONCRETE APRON TO SLOPE AWAY FROM BUILDING AT 2% MINIMUM AND 4.99% MAXIMUM	-
5	LEDGER ROCK STEPS AT VARIABLE INTERVALS BETWEEN 3"-5". LEDGER ROCK MAY REQUIRE 2-4 COURSES TO MEET APPROPRIATE GRADE. FIELD VERIFICATION IS REQUIRED TO PREPARE THIS AREA FOR LEDGER ROCK TO ALIGN TO BUILT CONDITIONS.	L/C1100 AND E/C1102
6	EXTENTS OF AREA TO HAVE A 1-1/2" MILL AND OVERLAY THAT MEET EXISTING SURFACE ARE TO MEET FLUSH WITH SMOOTH AND UNIFORM TRANSITION. THE INTENT OF THE MILL AND OVERLAY AT THE CORNER OF HUGULET AND UNIVERSITY IS TO DIRECT DRAINAGE AWAY FROM FLUSH CURB RAMP. ALL SAW CUTS TO HAVE CLEAN STRAIGHT LINES.	I / C1100

GRAPHIC LEGEND

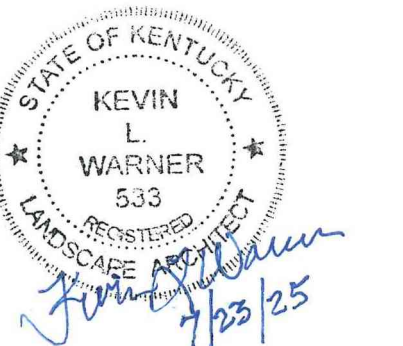
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925	MAJOR EXISTING CONTOUR
924	MINOR PROPOSED CONTOUR
925	MAJOR PROPOSED CONTOUR
+12.83	SPOT ELEVATIONS
1.5%	SLOPE DIRECTION

GRADING LEGEND

EX	EXISTING SPOT
TC	TOP OF CURB
BC	BOTTOM OF CURB
TS	TOP OF STEP
BS	BOTTOM OF STEP
GR	STORM GRATE ELEVATION
RE	RM ELEVATION
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
TW	TOP OF WALL
BW	BOTTOM OF WALL



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BP-07

MICHAEL D. RANKIN MD HEALTH EDUCATION BUILDING
UNIVERSITY OF KENTUCKY - BLDG NO. 0724
1148 UNIVERSITY DRIVE, LEXINGTON, KENTUCKY



CIVIL		
PROJECT	202170	
DATE	05.09.25	
REVISIONS		
No.	Description	Date
1	RFI 311	3-26-25
2	Addendum #3	7-23-25

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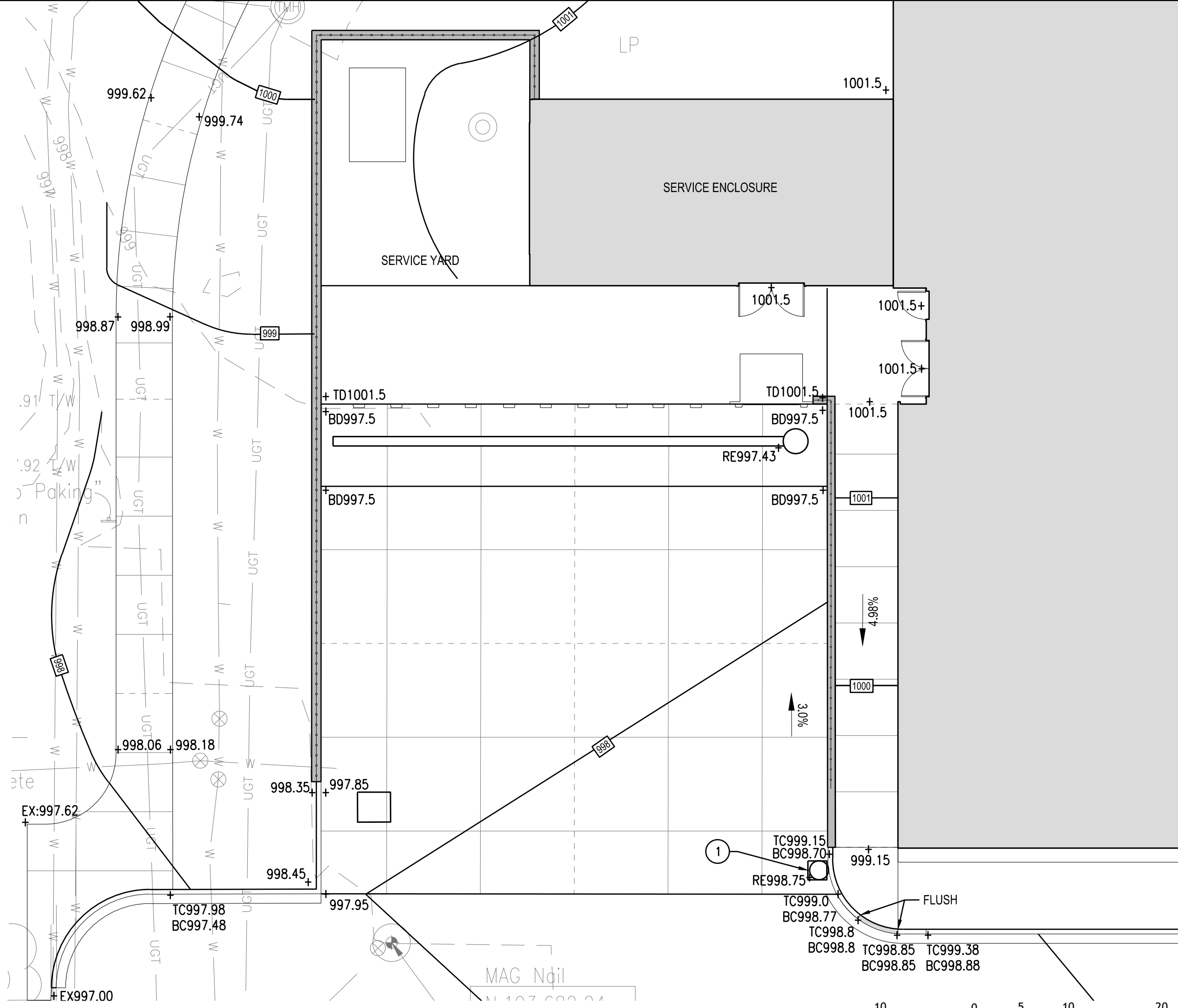
SITE GRADING PLAN - SOUTH

C801

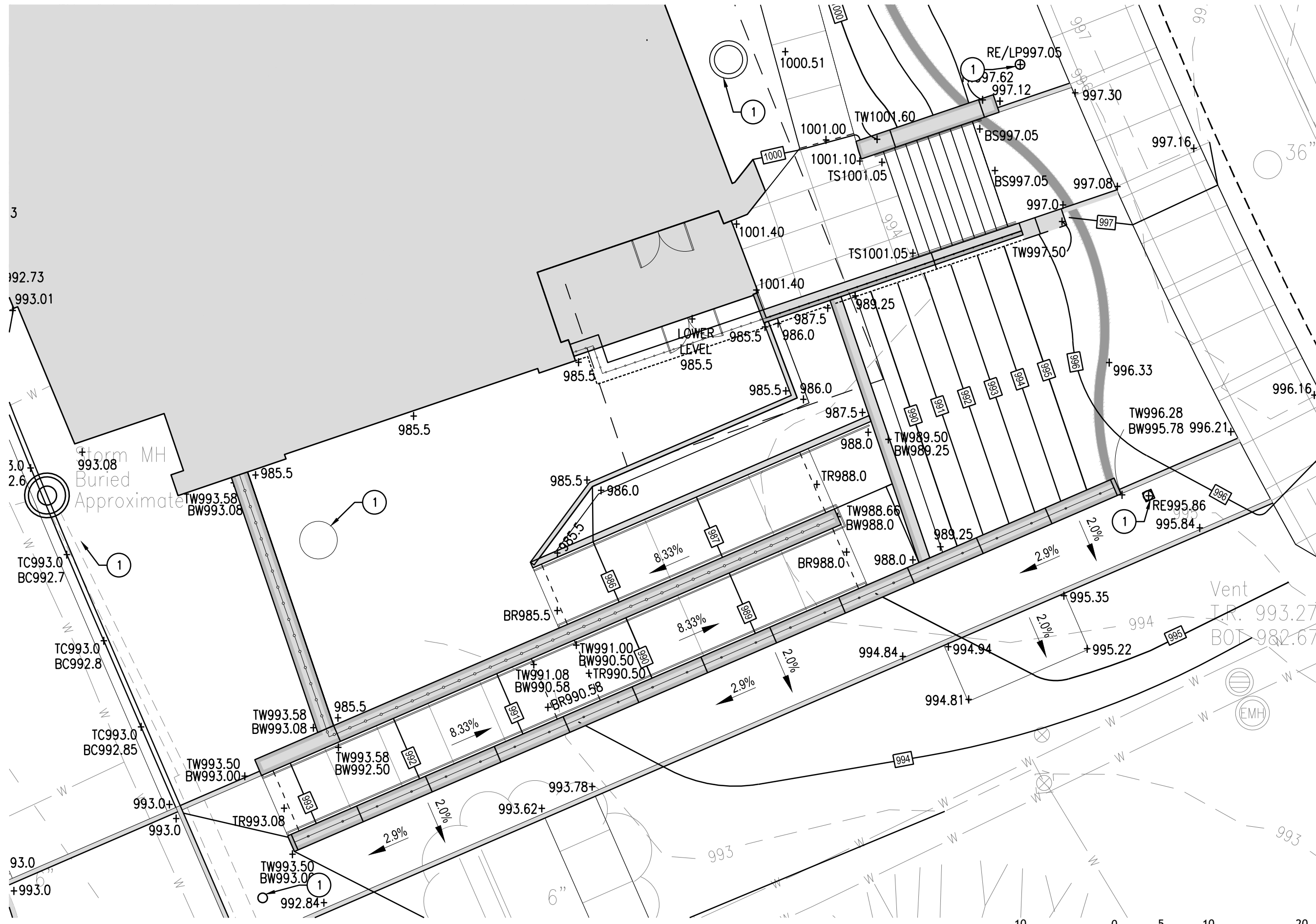
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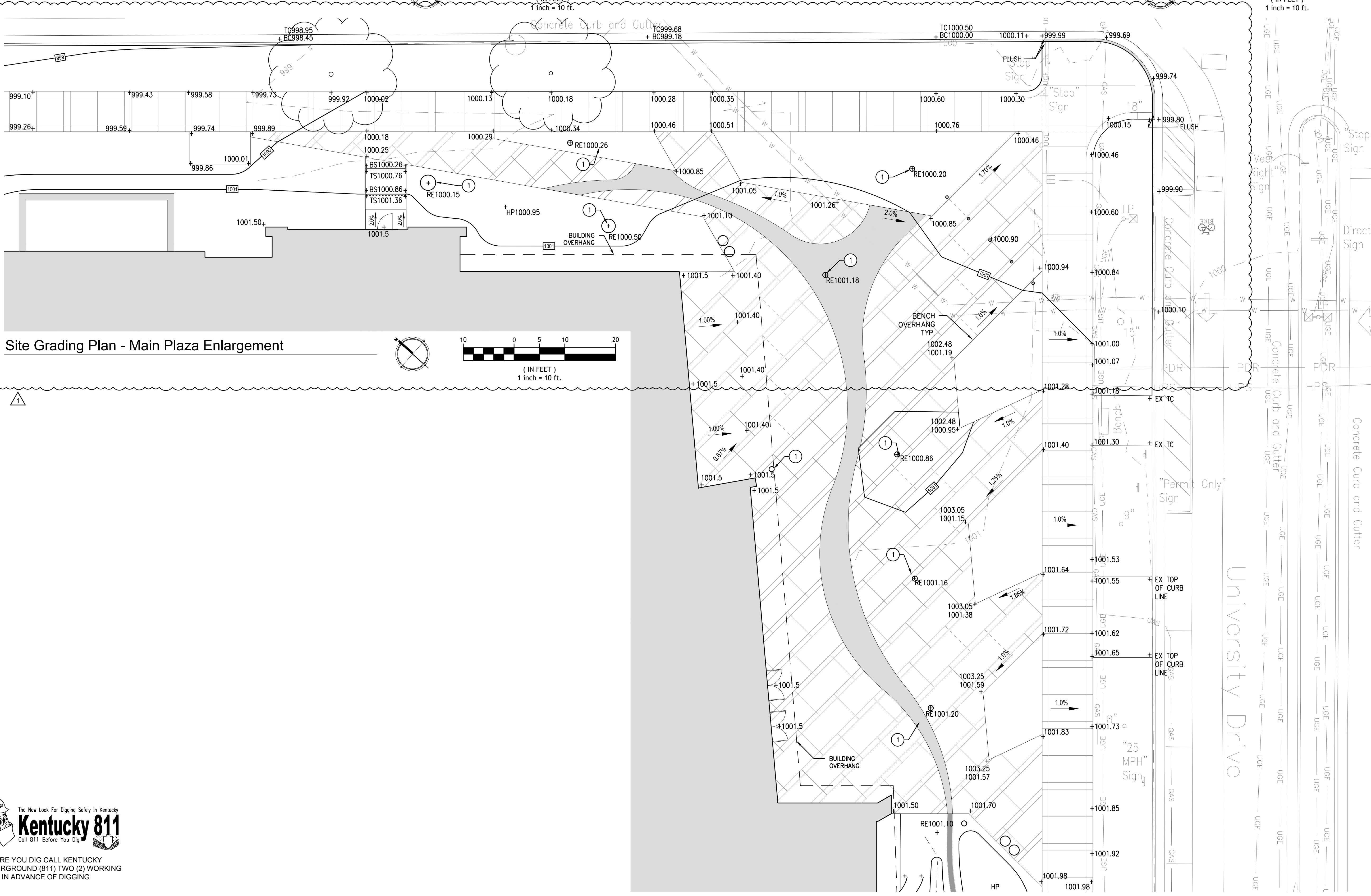
BEFORE YOU DIG CALL KENTUCKY UNDERGROUND (811) TWO (2) WORKING DAYS IN ADVANCE OF DIGGING



Grading Plan - Loading Dock Enlargement



Grading Plan - Garden Level Enlargement



Site Grading Plan - Main Plaza Enlargement

SITE GRADING PLAN CODED NOTES

KEY	DESCRIPTION	DETAILS
①	STORM STRUCTURE - SEE C600 SERIES FOR MORE INFORMATION - SUBJECT TO CHANGE AFTER INITIAL CONSTRUCTION DOCUMENT SUBMITTAL DUE TO DEVELOPING CONDITIONS	-
②	2% SLOPE OUT OF BUILDING FOR 4'-0" MINIMUM BEFORE TRANSITIONING TO STEEPER SLOPE	-
3A	POINT OF TRANSITION BETWEEN CONCRETE CURB AND GUTTER AND FLUSH CONCRETE WITH TURNED DOWN EDGE FLUSH CURB CONDITION CONTIGUES SOUTH UNTIL MEETING EXISTING CURB	-
3B	TRANSITION FLUSH CONCRETE CURB TO FULL HEIGHT CURB WITH 6" HEIGHT TAPER	-
④	CONCRETE APRON TO SLOPE AWAY FROM BUILDING AT 2% MINIMUM AND 4.99% MAXIMUM	-
⑤	LEDGER ROCK STEPS AT VARIABLE INTERVALS BETWEEN 3"-5". LEDGER ROCK MAY REQUIRE 2-4 COURSES TO MEET APPROPRIATE GRADE. FIELD VERIFICATION IS REQUIRED TO PREPARE THIS AREA FOR LEDGER ROCK TO ALIGN TO BUILT CONDITIONS.	L/C1100 AND E/C1102
⑥	EXTENTS OF AREA TO HAVE A 1-1/2" MILL AND OVERLAY THAT MEET EXISTING SURFACE ARE TO MEET FLUSH WITH SMOOTH AND UNIFORM TRANSITION. THE INTENT OF THE MILL AND OVERLAY AT THE CORNER OF HUGULET AND UNIVERSITY IS TO DIRECT DRAINAGE AWAY FROM FLUSH CURB RAMP. ALL SAW CUTS TO HAVE CLEAN STRAIGHT LINES.	I / C1100

GRAPHIC LEGEND

— 924 —	MINOR EXISTING CONTOUR
— 925 —	MAJOR EXISTING CONTOUR
— 924 —	MINOR PROPOSED CONTOUR
— 925 —	MAJOR PROPOSED CONTOUR
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1.5%	SLOPE DIRECTION

GRADING LEGEND

EX	EXISTING SPOT
TC	TOP OF CURB
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BS	BOTTOM OF STEP
GR	STORM GRATE ELEVATION
RE	RIM ELEVATION
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TW	TOP OF WALL
BW	BOTTOM OF WALL

RESERVED FOR AHJ STAMP

BP-07

CIVIL

PROJECT	202170
DATE	05.09.25

REVISIONS

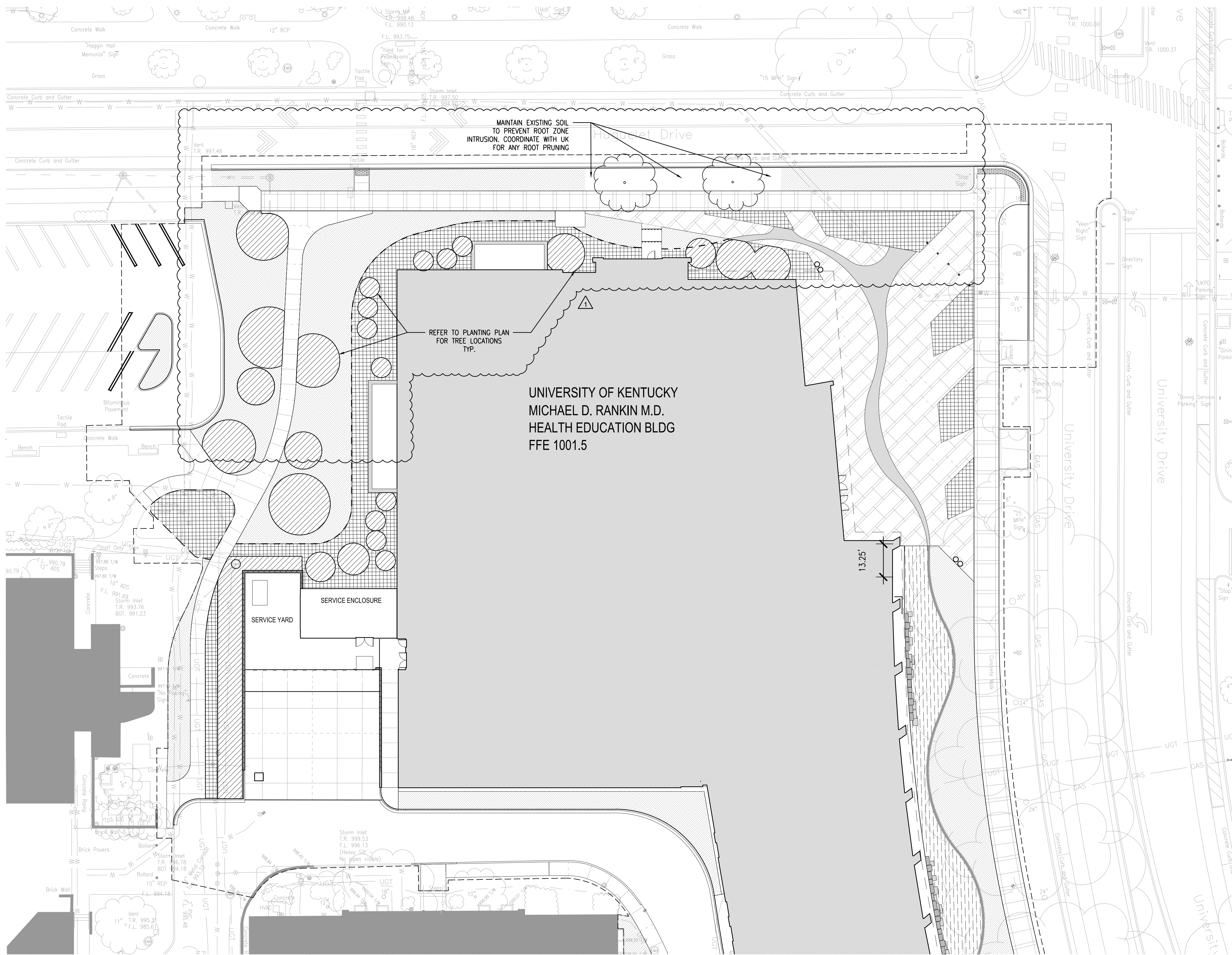
No.	Description	Date
1	Addendum #3	7-23-26

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SITE GRADING
PLAN
ENLARGEMENTS

C802

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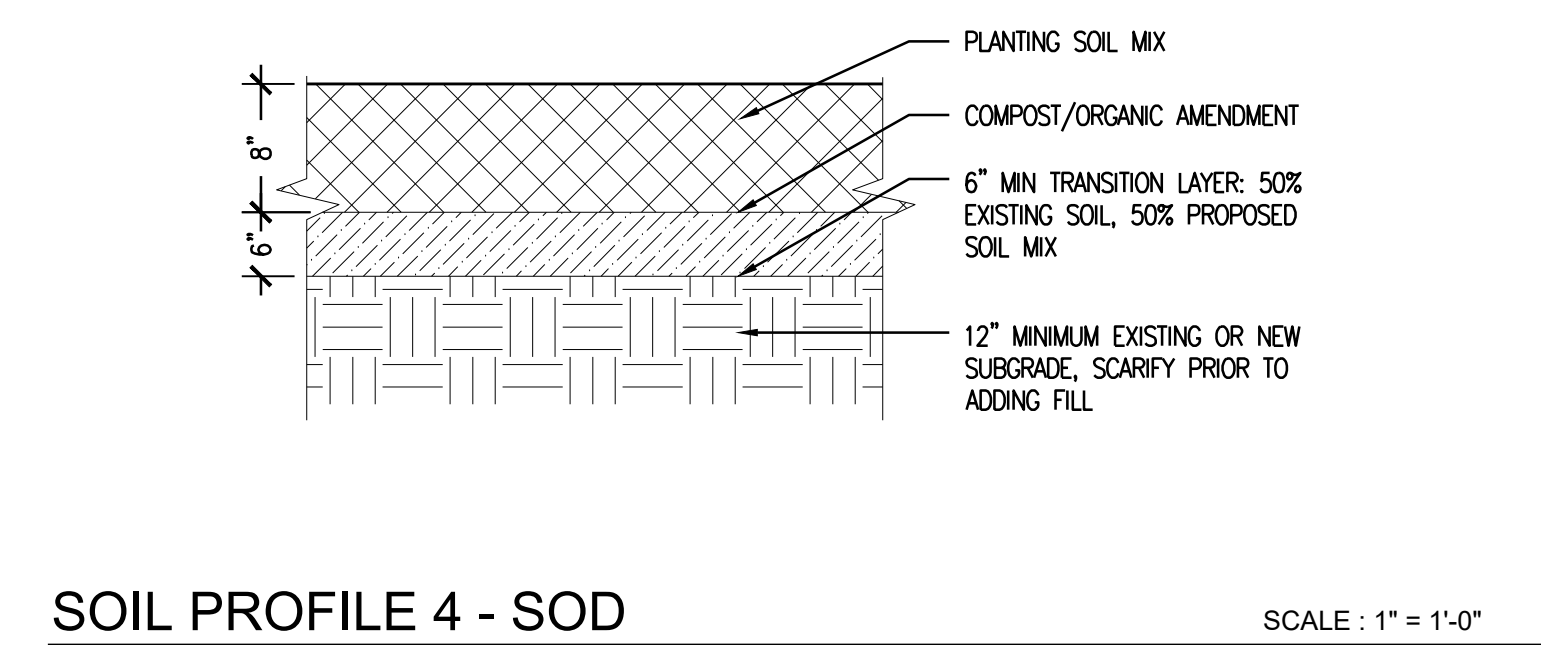
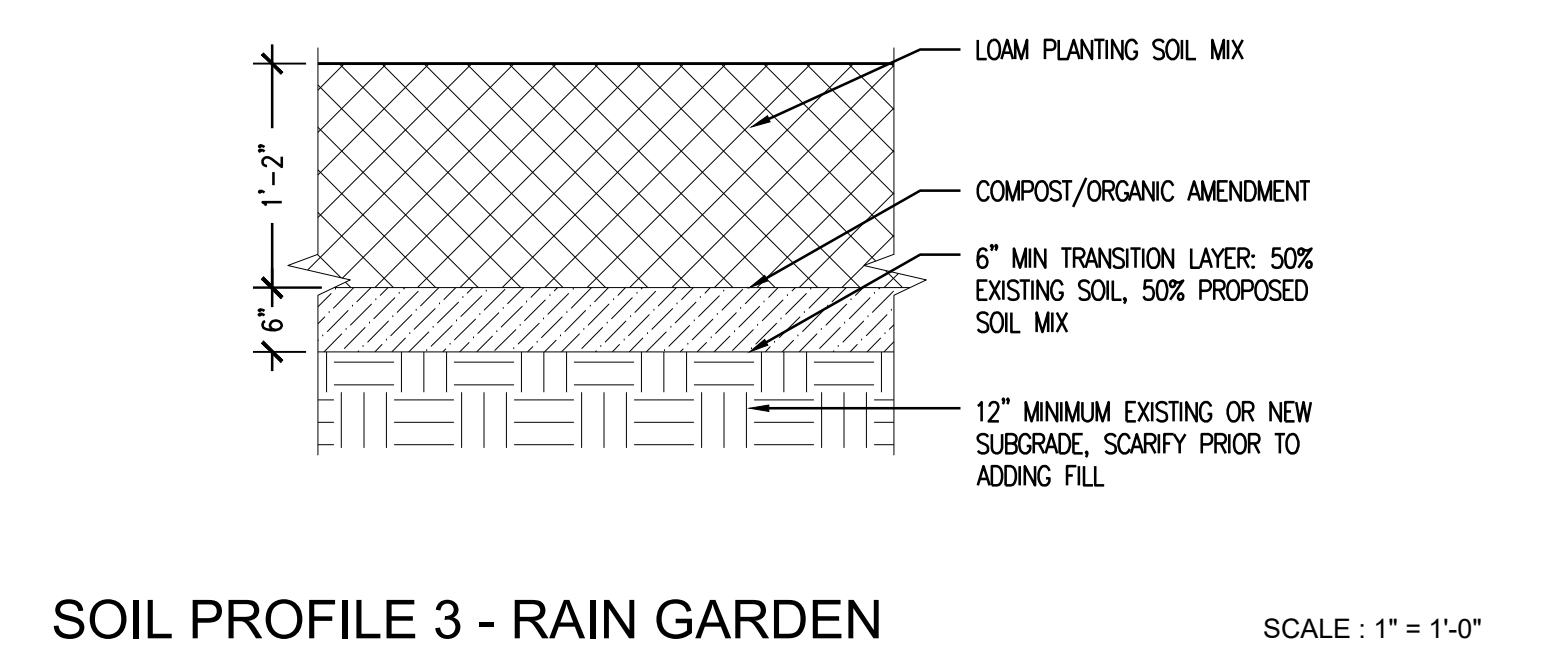
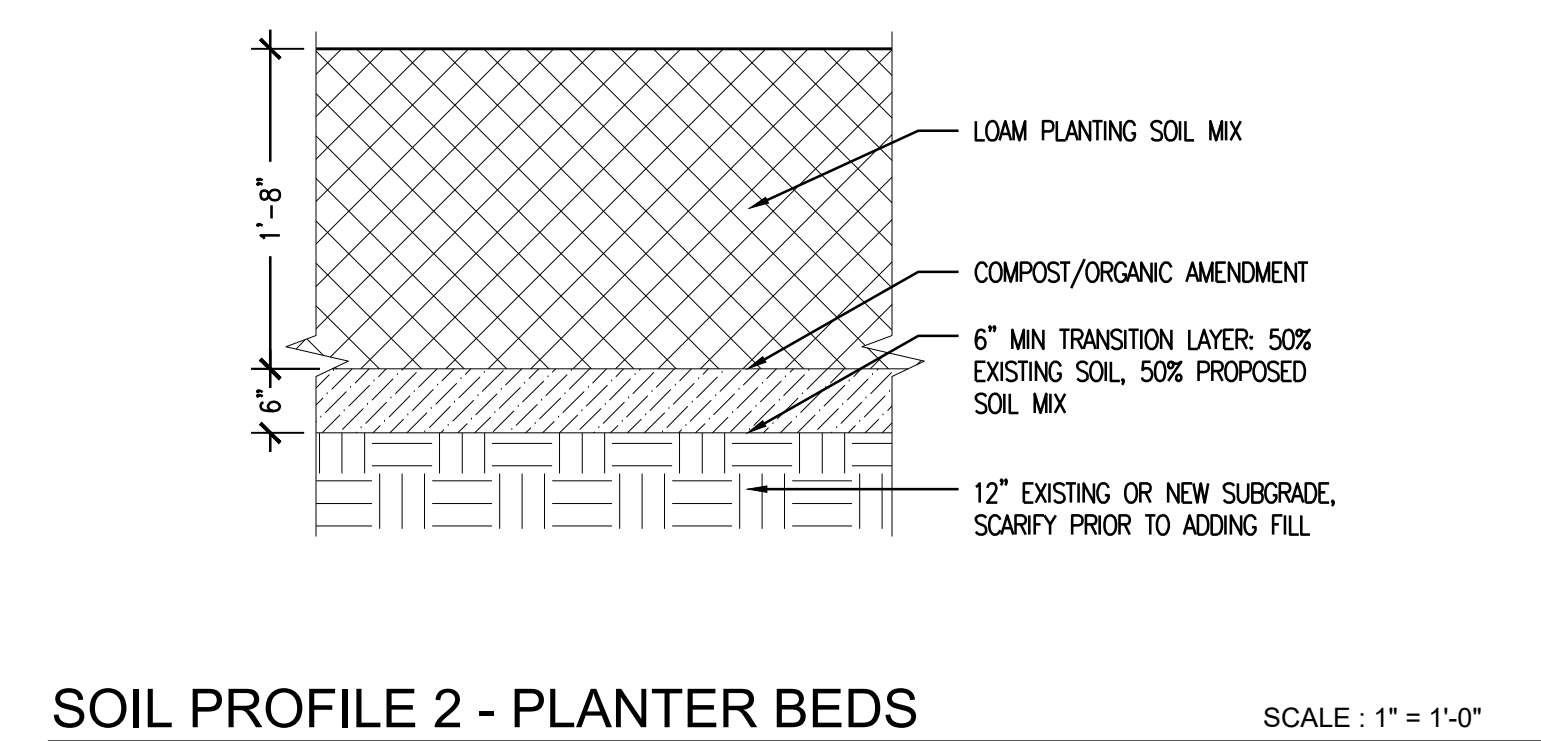
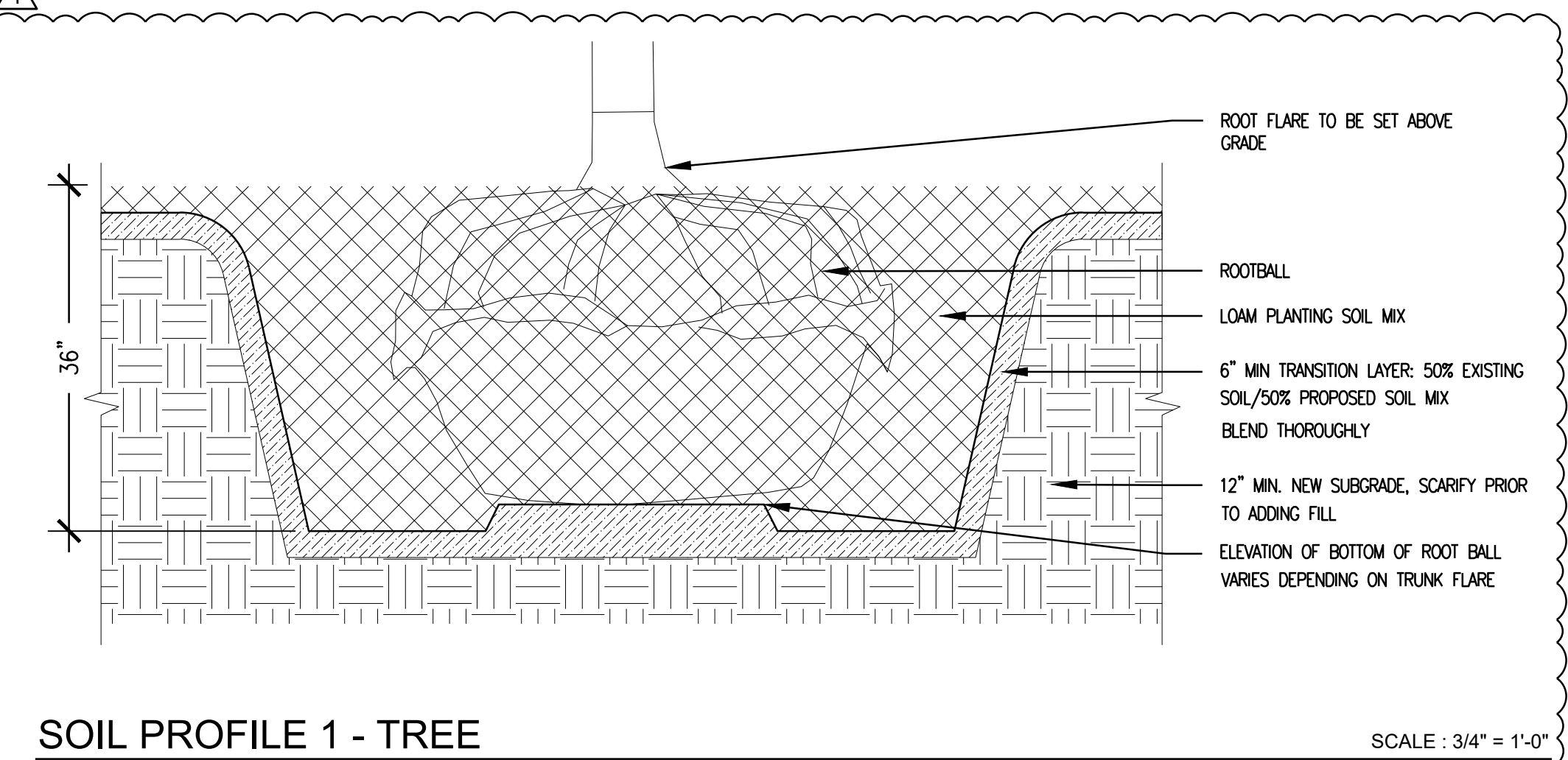


GENERAL SOIL PLAN NOTES

1. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF EXISTING BACKFILL/STONE MATERIAL THAT IS REQUIRED TO PROVIDE NECESSARY DEPTH FOR SOIL PROFILES AND SUBGRADE. EXISTING BACKFILL/STONE MATERIAL IS TO HAVE BEEN PLACED AT THE EXISTING GRADES SHOWN AT THE BEGINNING OF WORK.
2. ALL SOIL PLACED ON STONE TO BE SEPARATED BY NON-WOVEN GEOTEXTILE FABRIC.
3. ALL PLANTING SOIL PROFILES TO HAVE MINIMUM OF 12" NEW OR EXISTING SUBGRADE.

GRAPHIC LEGEND

- NEW BUILDING AND SITE WALLS
- EXISTING BUILDING OR OVERHANG TO REMAIN
- SOIL PROFILE 1 - TREE
- SOIL PROFILE 2 - PLANTER BEDS
- SOIL PROFILE 3 - RAIN GARDEN
- SOIL PROFILE 4 - SOD



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BP-07

CIVIL

PROJECT 202170

DATE 05.09.25

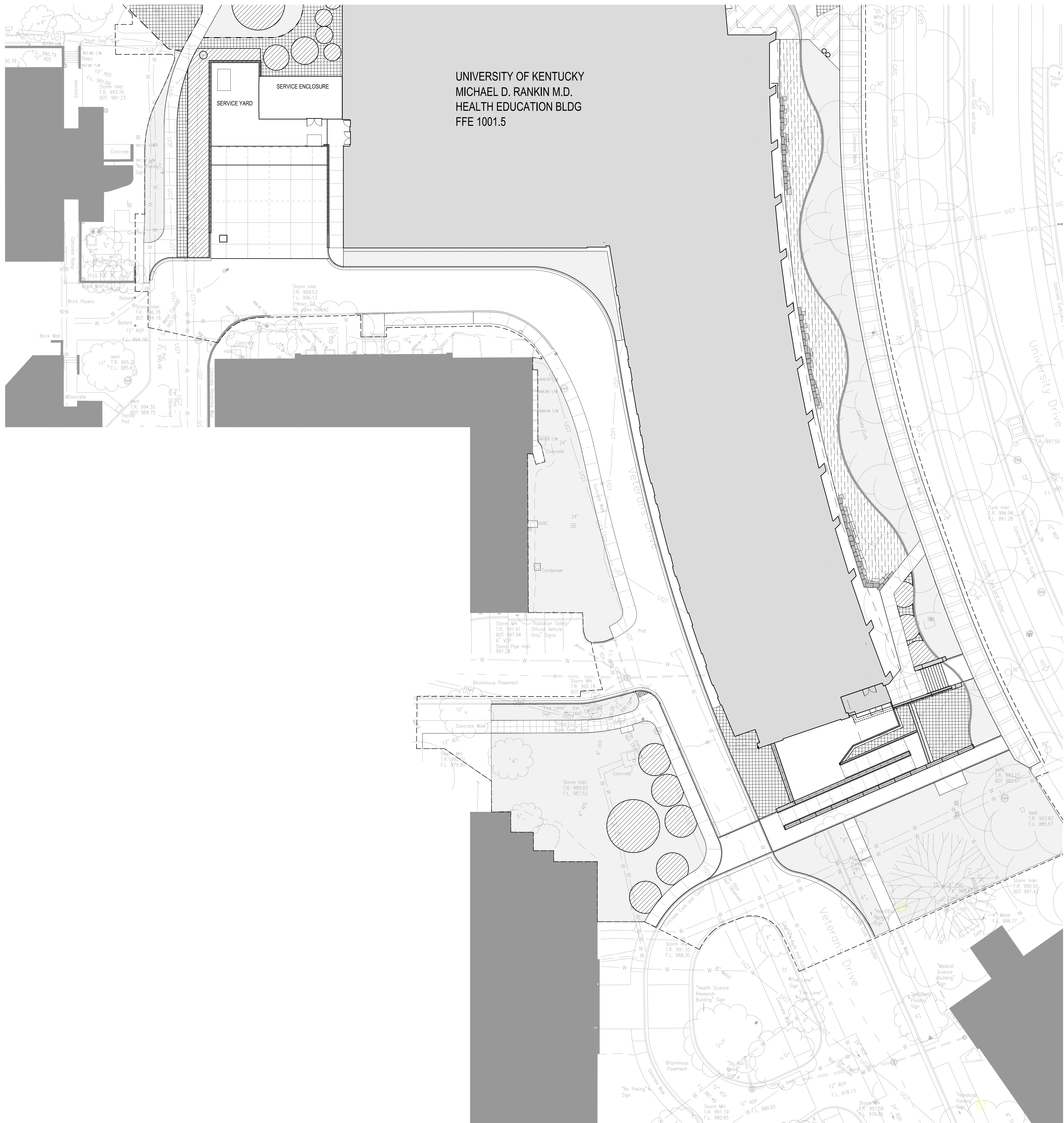
REVISIONS

No.	Description	Date
1	Addendum #3	7-23-25

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**SOILS PLAN -
NORTH**
C900

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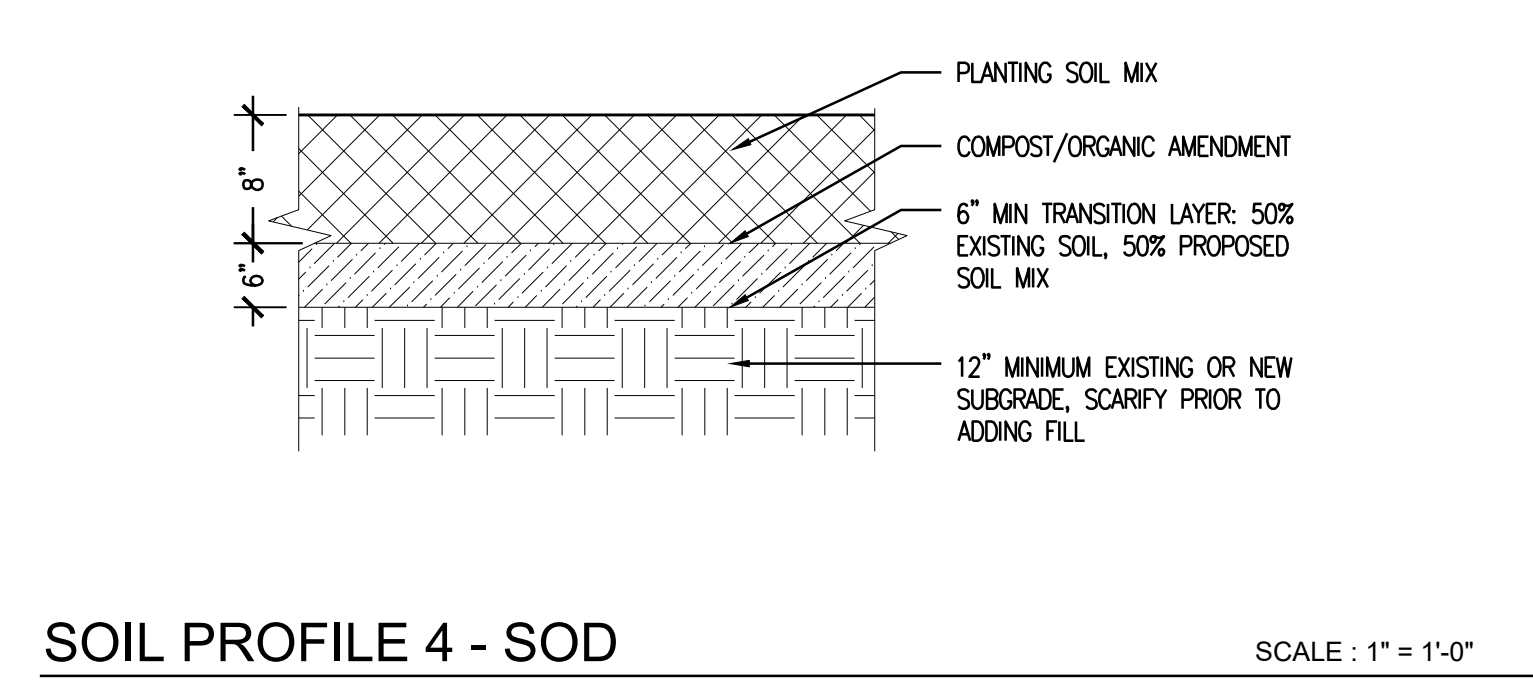
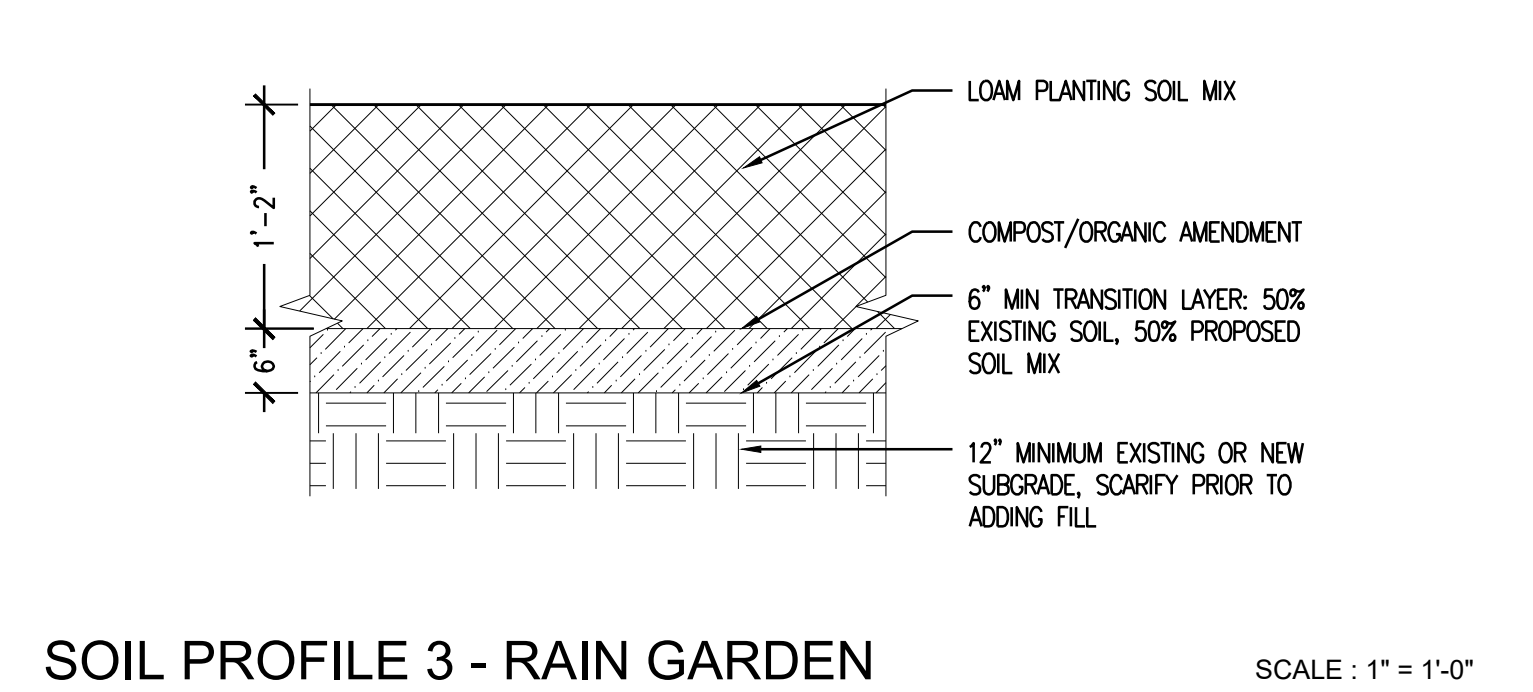
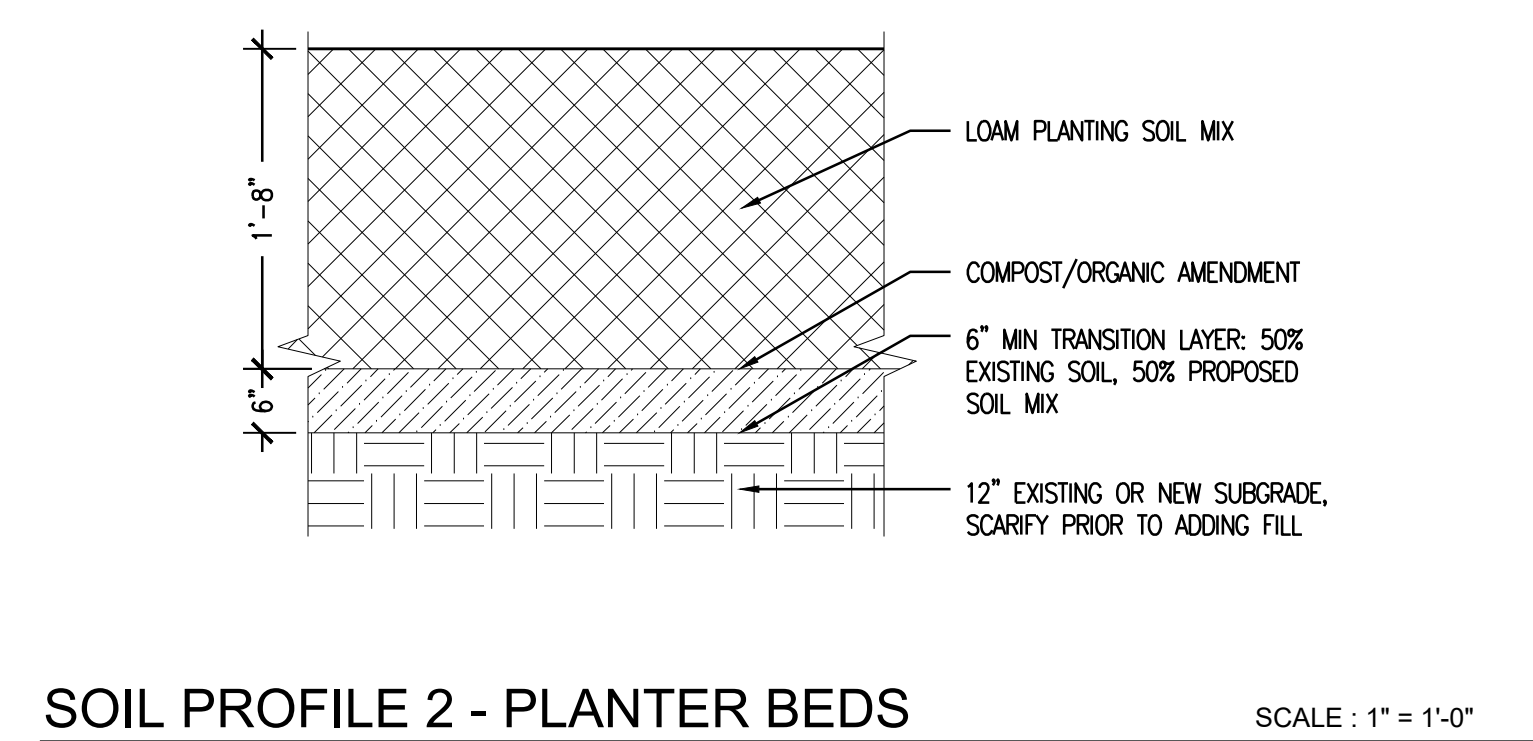
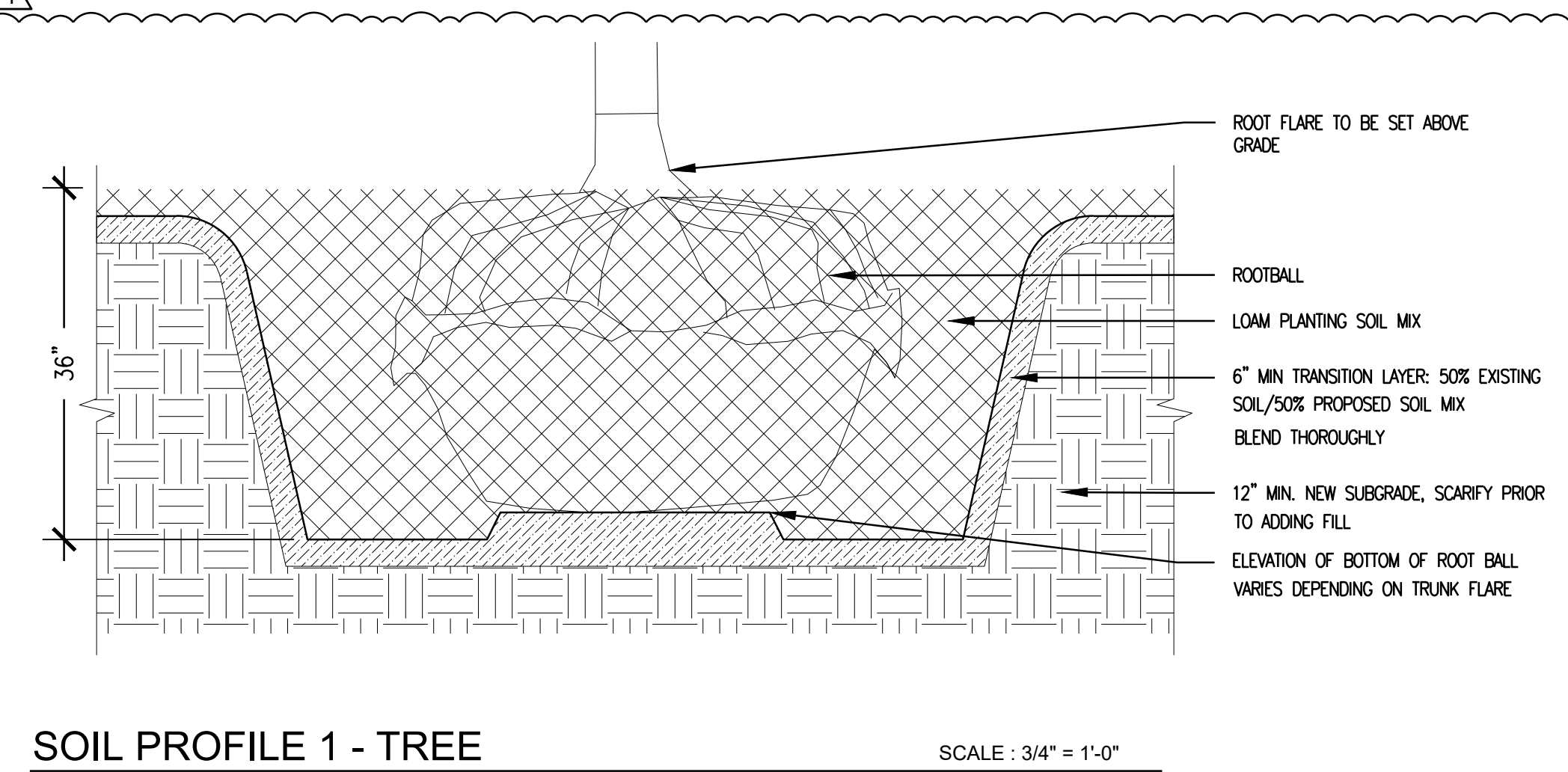
Soils Plan - South

GENERAL SOIL PLAN NOTES

1. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF EXISTING BACKFILL/STONE MATERIAL THAT IS REQUIRED TO PROVIDE NECESSARY DEPTH FOR SOIL PROFILES AND SUBGRADE. EXISTING BACKFILL/STONE MATERIAL IS TO HAVE BEEN PLACED AT THE EXISTING GRADES SHOWN AT THE BEGINNING OF WORK.
2. ALL SOIL PLACED ON STONE TO BE SEPARATED BY NON-WOVEN GEOTEXTILE FABRIC.
3. ALL PLANTING SOIL PROFILES TO HAVE MINIMUM OF 12" NEW OR EXISTING SUBGRADE.

GRAPHIC LEGEND

	NEW BUILDING AND SITE WALLS
	EXISTING BUILDING OR OVERHANG TO REMAIN
	SOIL PROFILE 1 - TREE
	SOIL PROFILE 2 - PLANTER BEDS
	SOIL PROFILE 3 - RAIN GARDEN
	SOIL PROFILE 4 - SOD



BEFORE YOU DIG CALL KENTUCKY
UNDERGROUND (811) TWO (2) WORKING
DAYS IN ADVANCE OF DIGGING

CIVIL

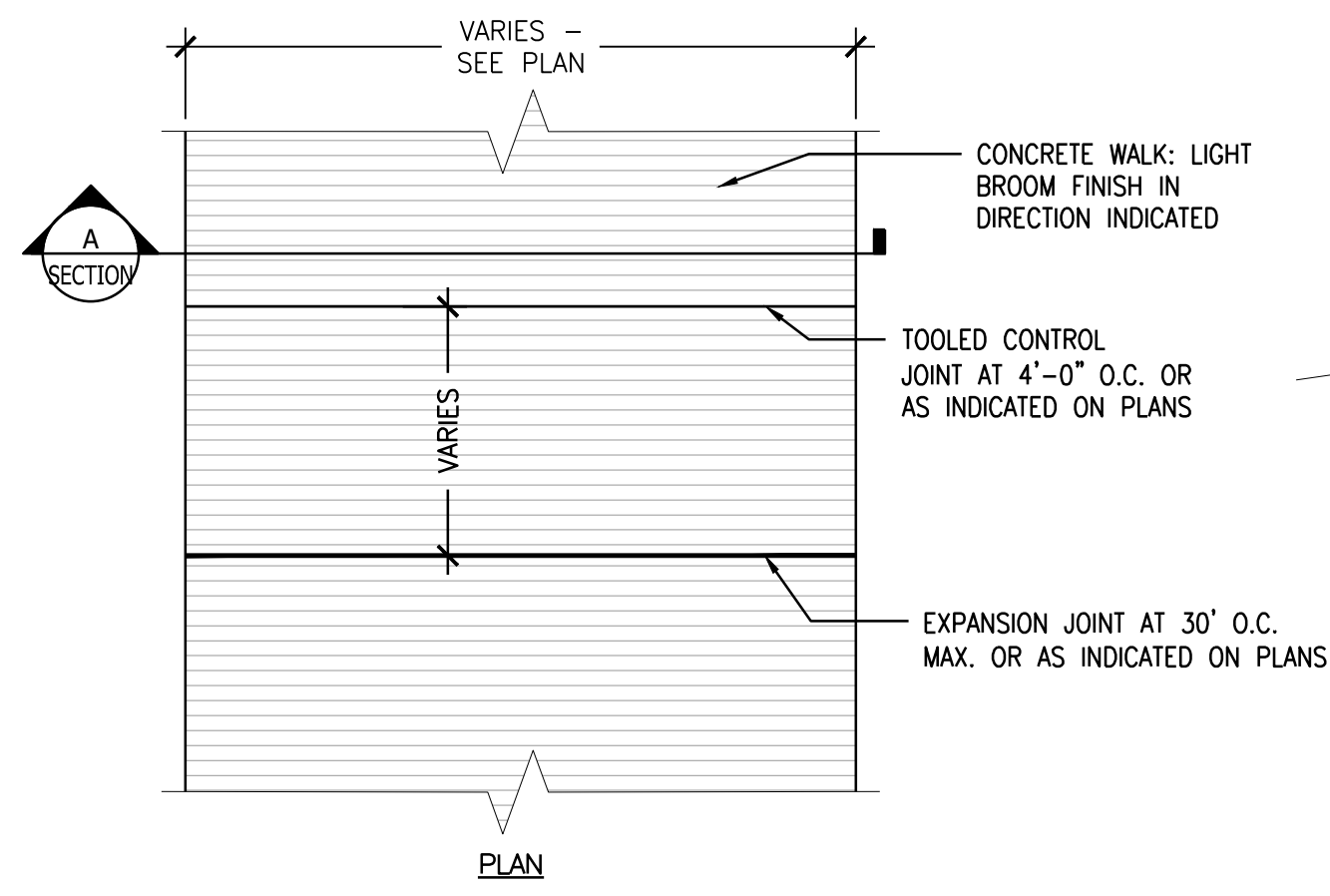
PROJECT	202170
DATE	05.09.25

REVISIONS		
No.	Description	Date
1	Addendum #3	7-23-25

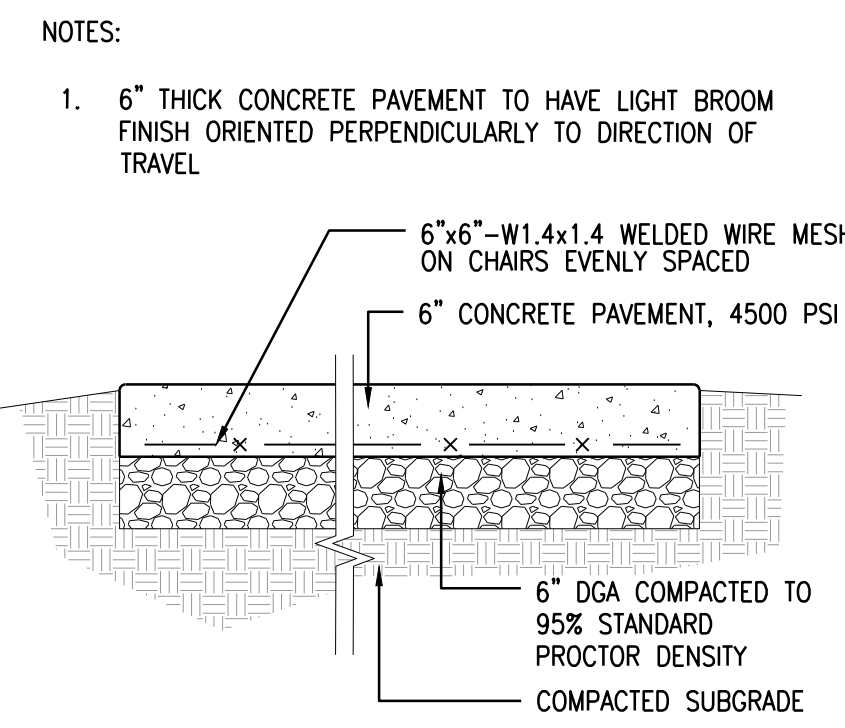
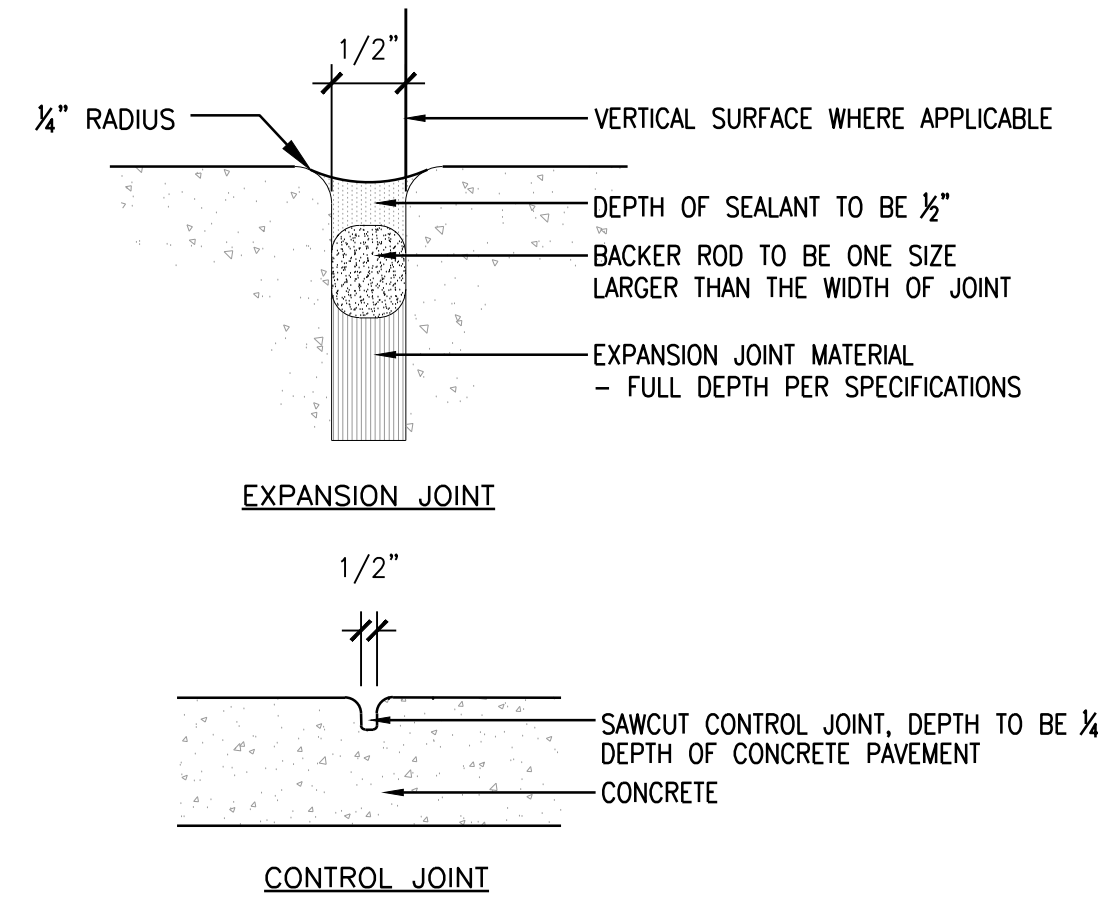
JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE DRAWINGS - IN ELECTRONIC OR ANY OTHER FORMAT - IN WHOLE, OR IN PART, FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO TRANSFER THESE ELECTRONIC FILES TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. THE CLIENT FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT RESULTING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR REUSE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

SOILS PLAN -
SOUTH

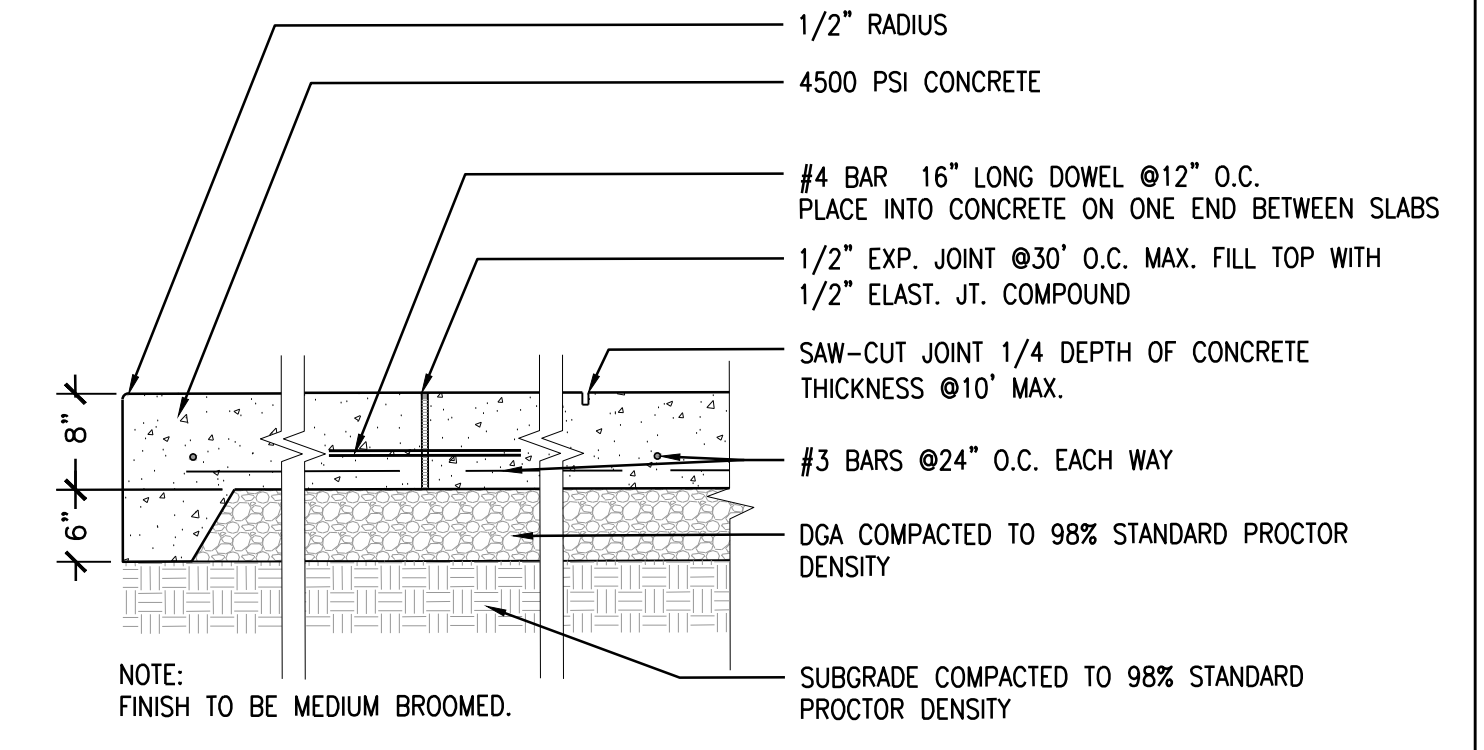
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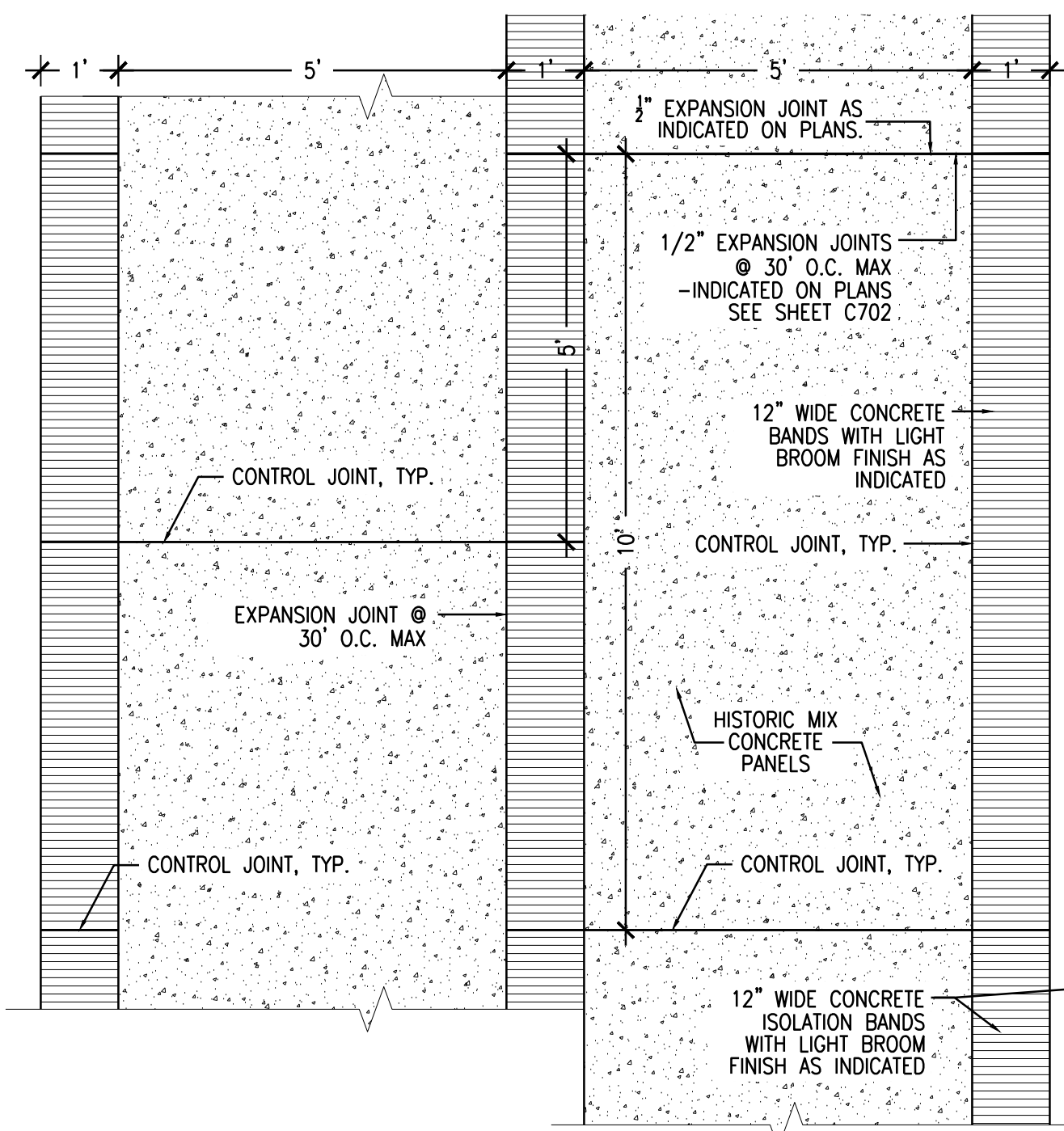
A 4" THICK CONCRETE PAVEMENT
SCALE: 3/4"=1'-0"



B 6" THICK CONCRETE PAVEMENT
SCALE: 3/4"=1'-0"

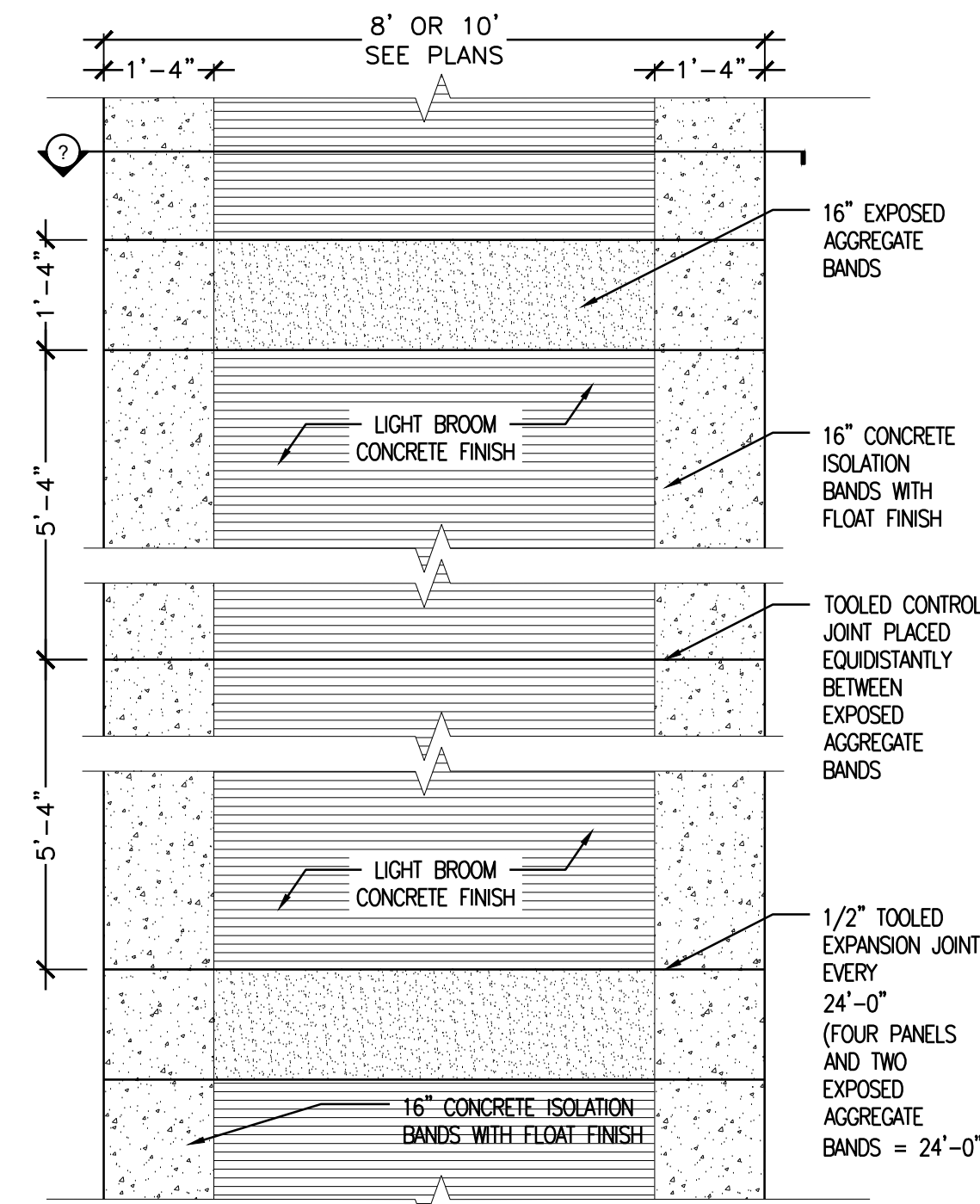
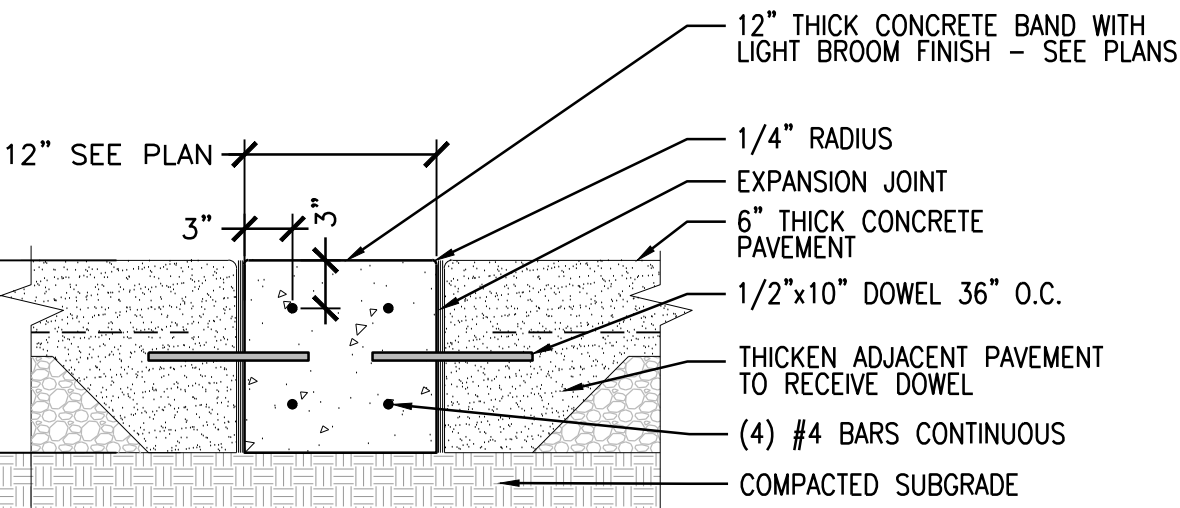


C 8" THICK CONCRETE
SCALE: 3/4"=1'-0"

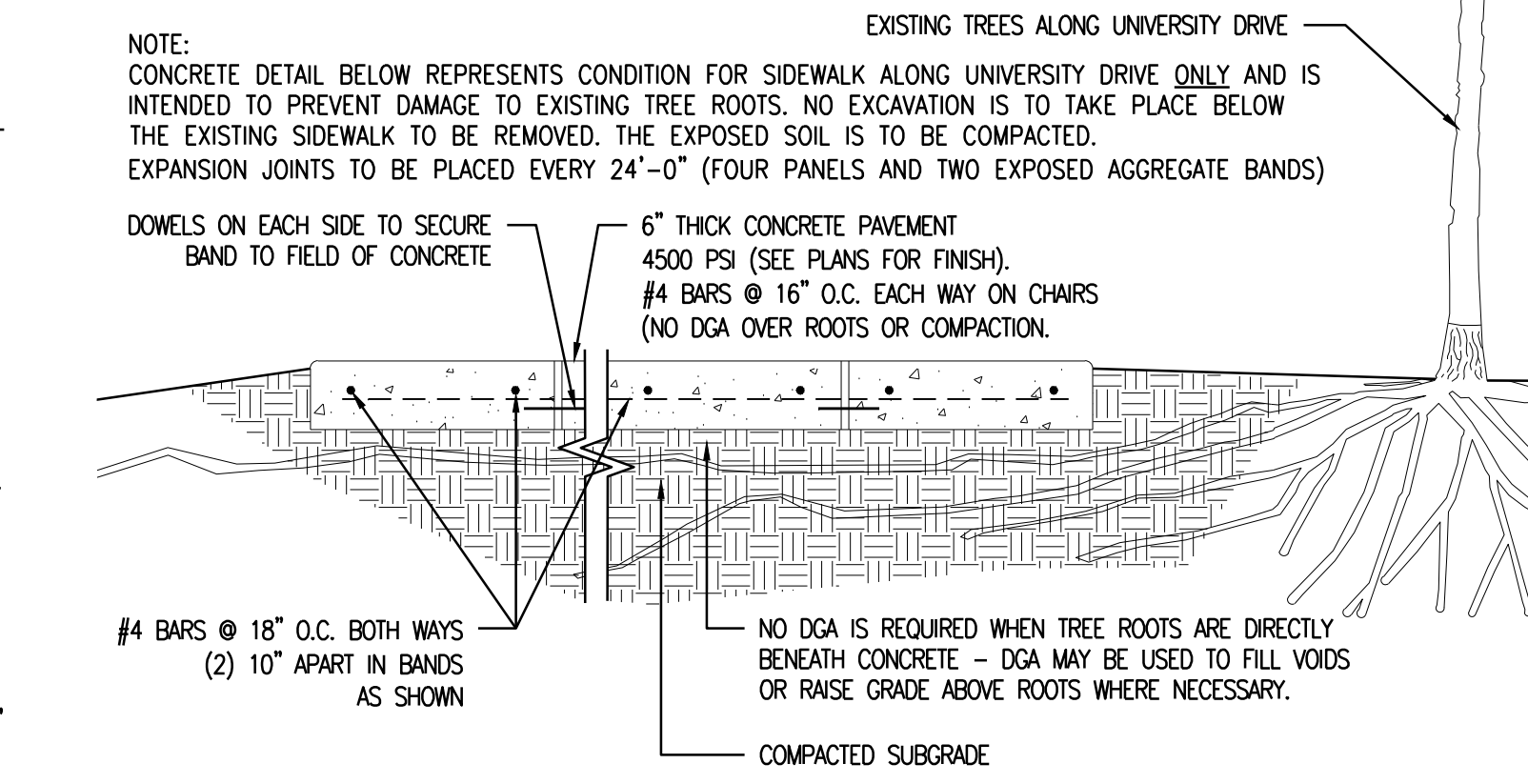
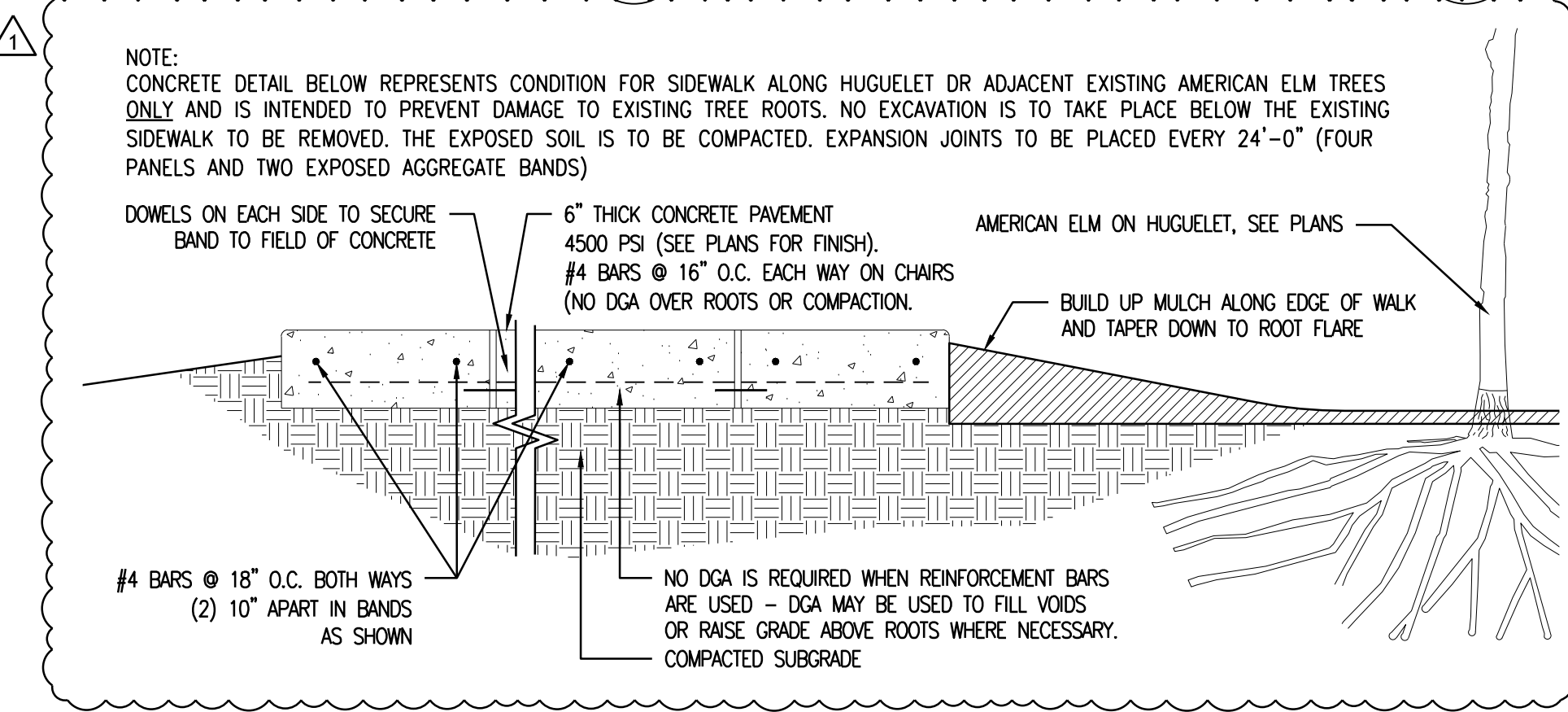


D 6" THICK CONCRETE WITH PLAZA BANDS
SCALE: 1/2"=1'-0"

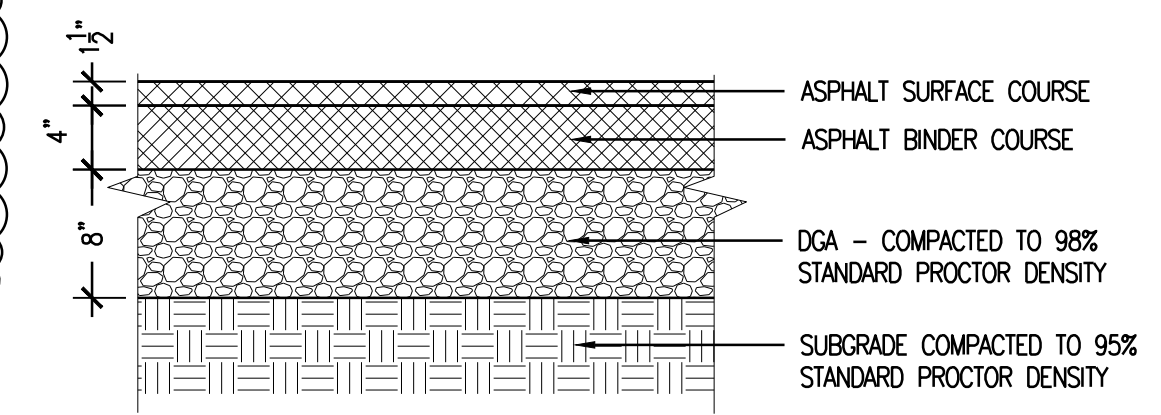
12" WIDE CONCRETE BAND



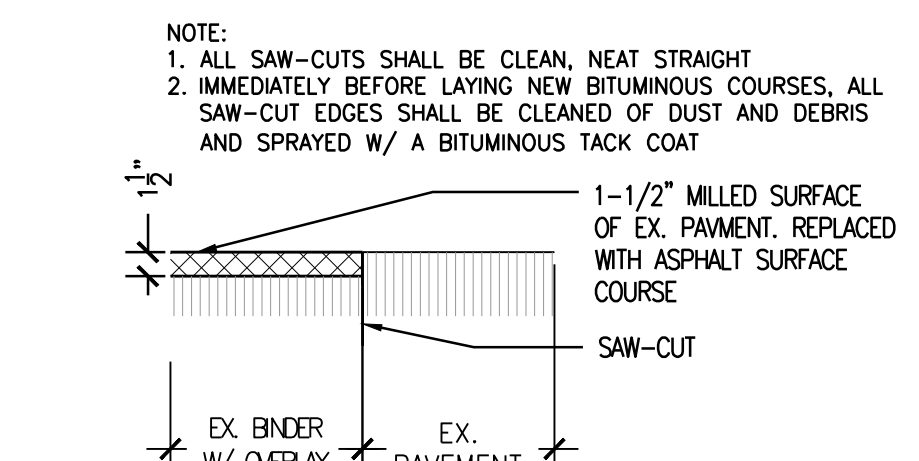
F UK CAMPUS STANDARD SIDEWALK
SCALE: 1/2"=1'-0"



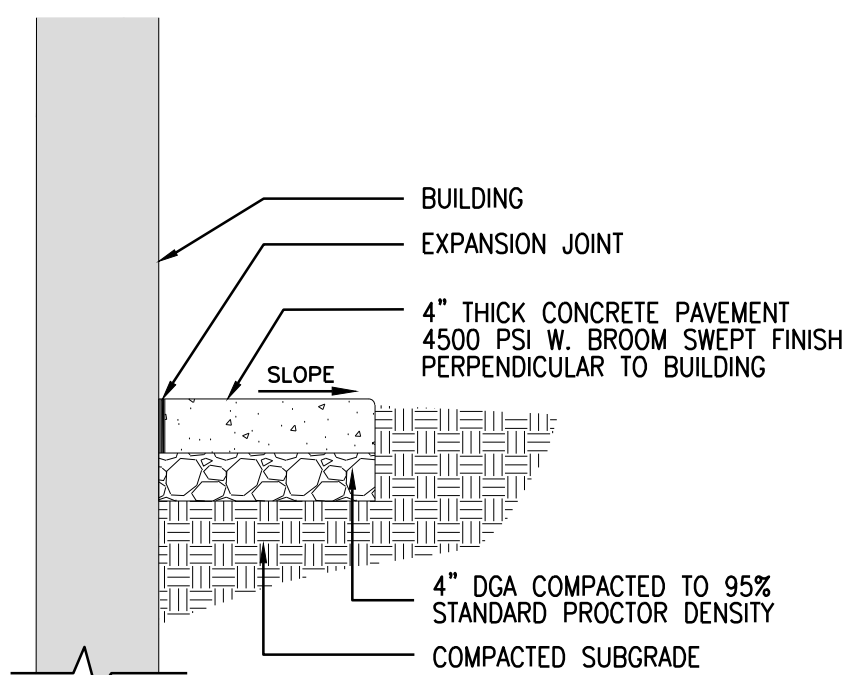
G HUGUELET ELMS AND UNIVERSITY DRIVE SIDEWALK
SCALE: 1"=1'-0"



H FULL DEPTH ASPHALT PAVEMENT
SCALE: 1"=1'-0"



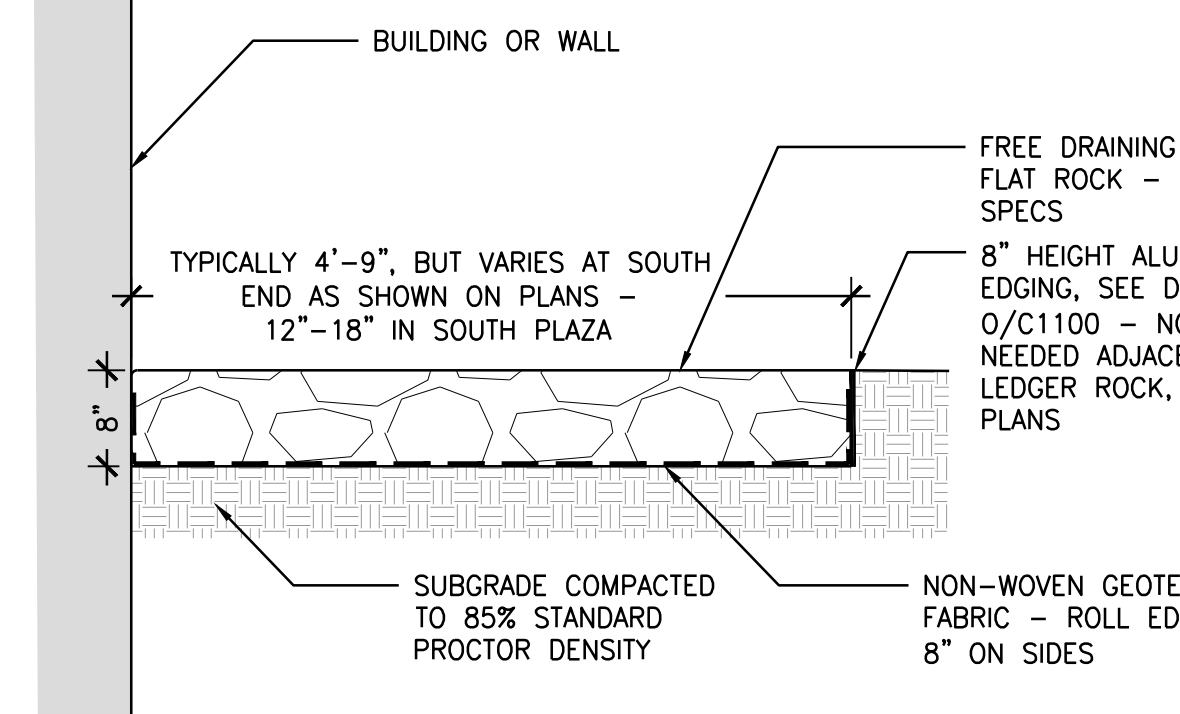
I ASPHALT MILL AND OVERLAY
SCALE: 1"=1'-0"



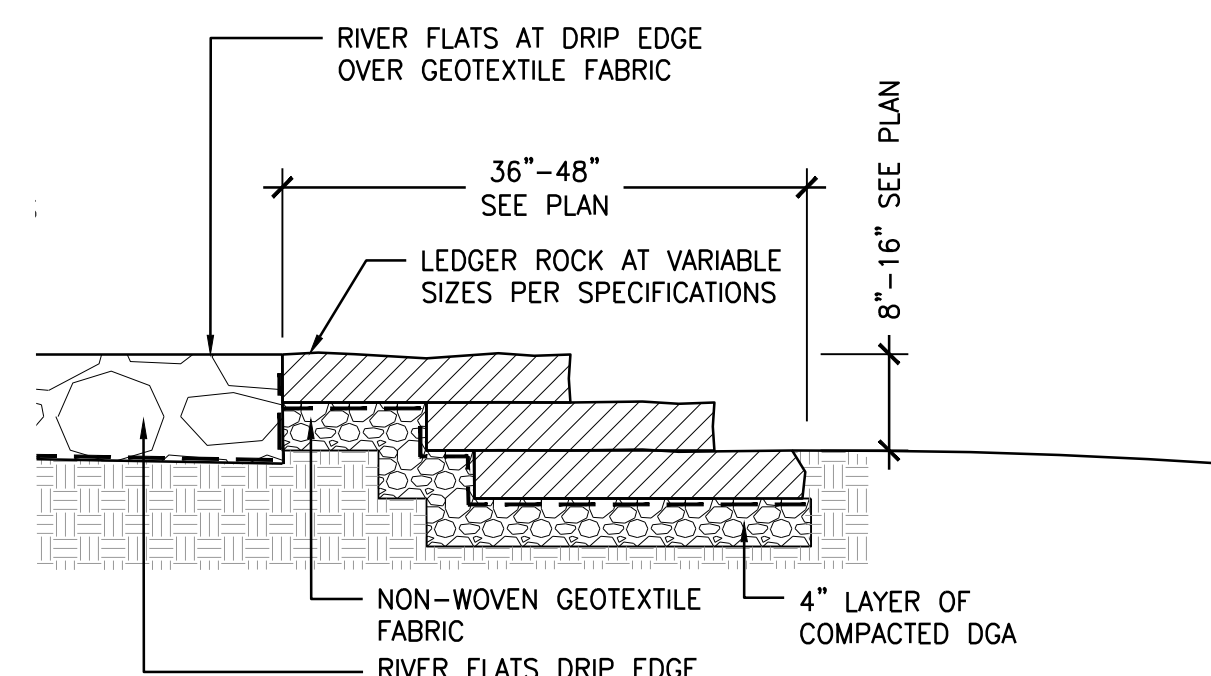
NOTES:

- PROVIDE EXPANSION JOINTS EVERY 50' IN CONCRETE. INSTALL TWO #3 DOWELS 12" LONG @ 12" O.C. CENTERED IN SLAB @ CONCRETE SLAB EXPANSION JOINT LOCATIONS.
- CONCRETE MOW STRIP SHALL NOT BE PINNED TO BUILDING.

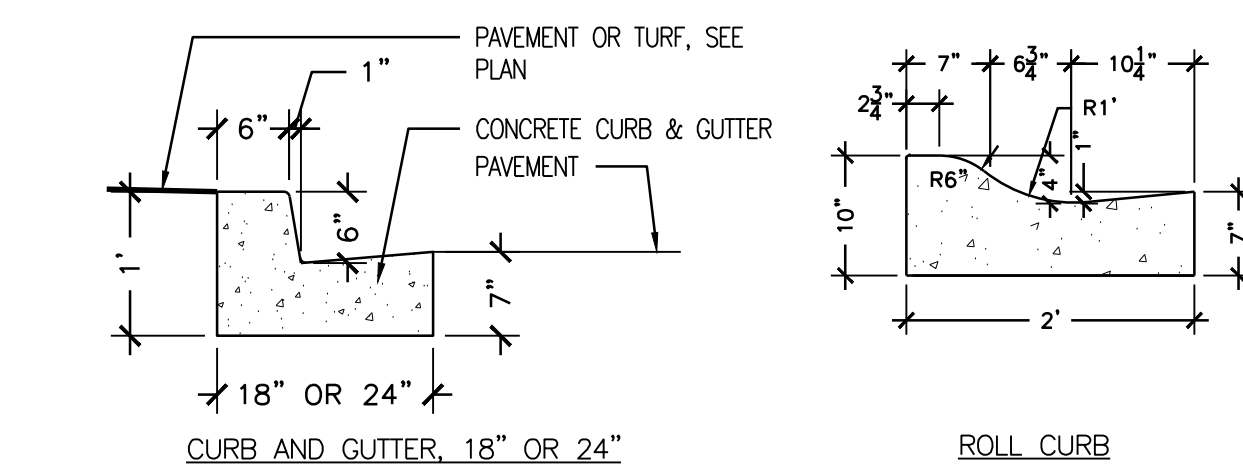
J CONCRETE MOW STRIP 18" WIDE
SCALE: 3/4"=1'-0"



K 8" DEPTH RIVER FLATS
SCALE: 3/4"=1'-0"



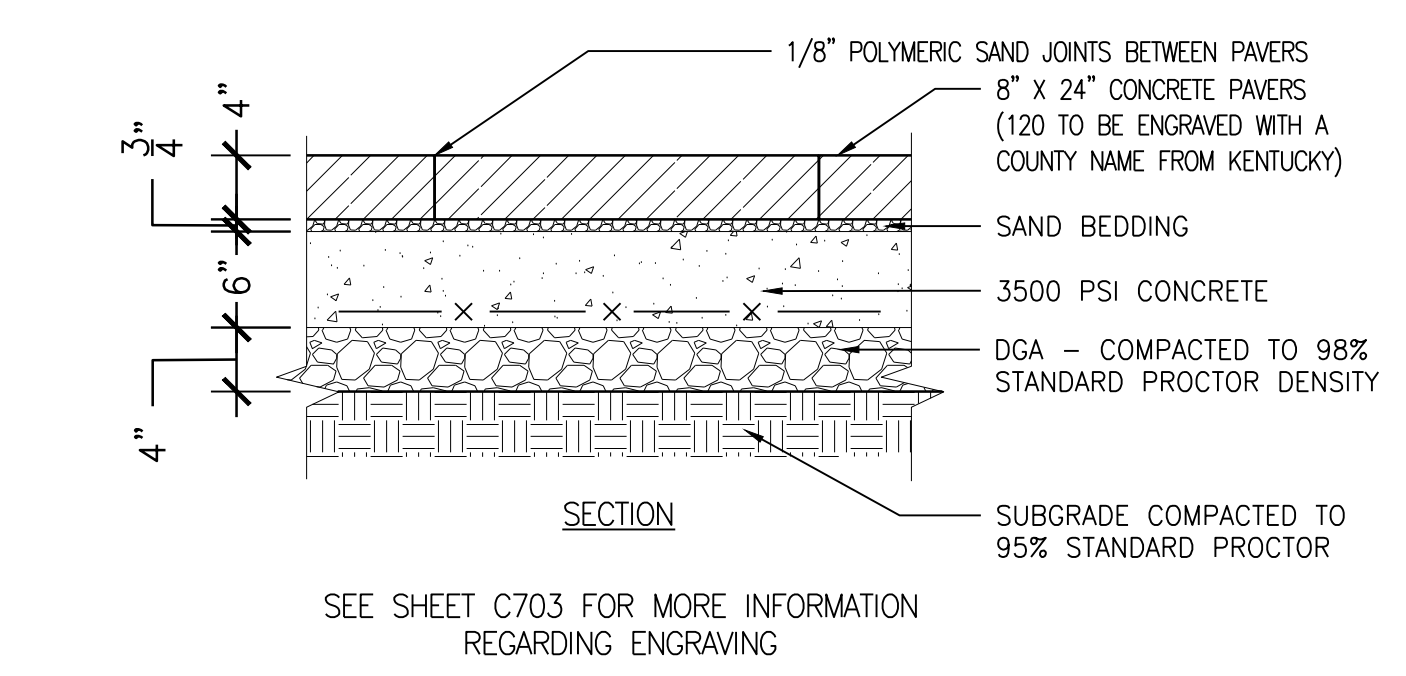
L LEDGER ROCK
SCALE: 3/4"=1'-0"



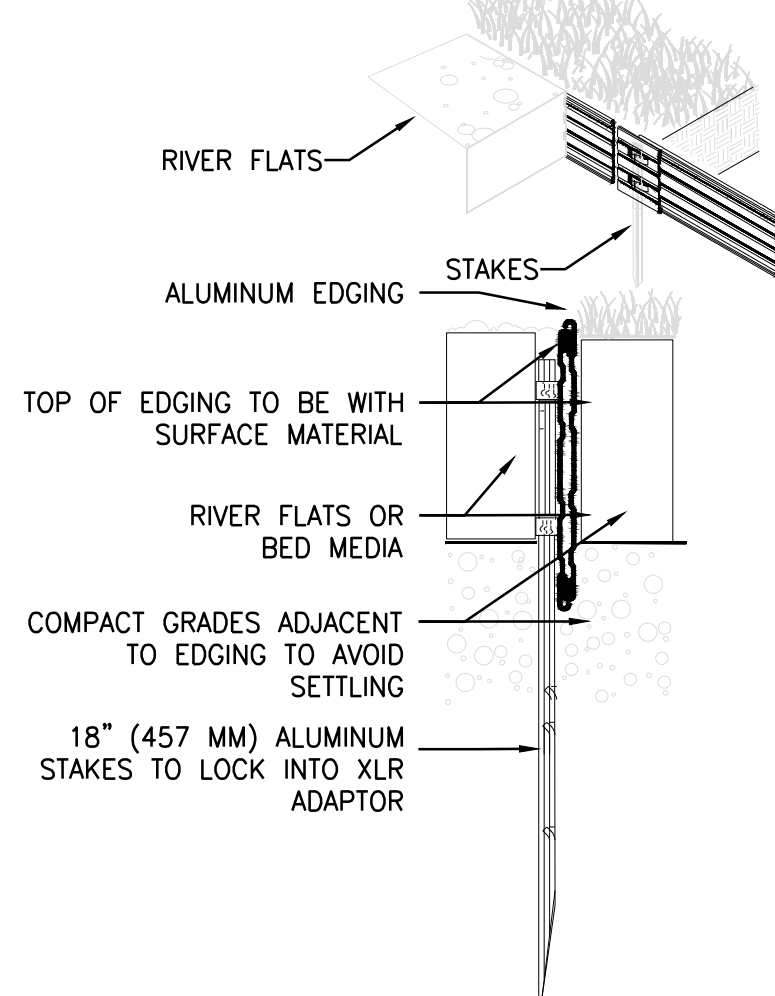
NOTES:

- CONCRETE SHALL BE 4500 PSI WITH MEDIUM BROOM FINISH.
- SAWED CONTROL JOINTS TO BE SPACED EVERY 20' AND ALL CORNERS WITH A MIN. DEPTH OF 3".
- EXPANSION JOINTS SHALL BE CONSTRUCTED AT ALL BREAKS IN ALIGNMENT, AT CONTACT WITH NEW OR EXISTING CONCRETE, AT ALL DRAINAGE INLETS, AT THE BEGINNING AND ENDING POINTS OF CURVES, AND NOT TO EXCEED 100' MAXIMUM SPACING FOR SLIP FORM APPLICATION AND 50' MAXIMUM SPACING FOR HAND FORMED.
- ALL CONCRETE SHALL BE CURED WITH WHITE PIGMENTED MEMBRANE FORMING COMPOUND (AASHTO M 148, TYPE 2).
- ALL CURBS THAT MEET EXISTING CURB TO BE 2" TOTAL WIDTH (18" GUTTER)
- ROLL CURB TO BE USED ONLY WHERE VETERANS DRIVE MEETS THE BRICK CROSSWALK, SEE PLANS.

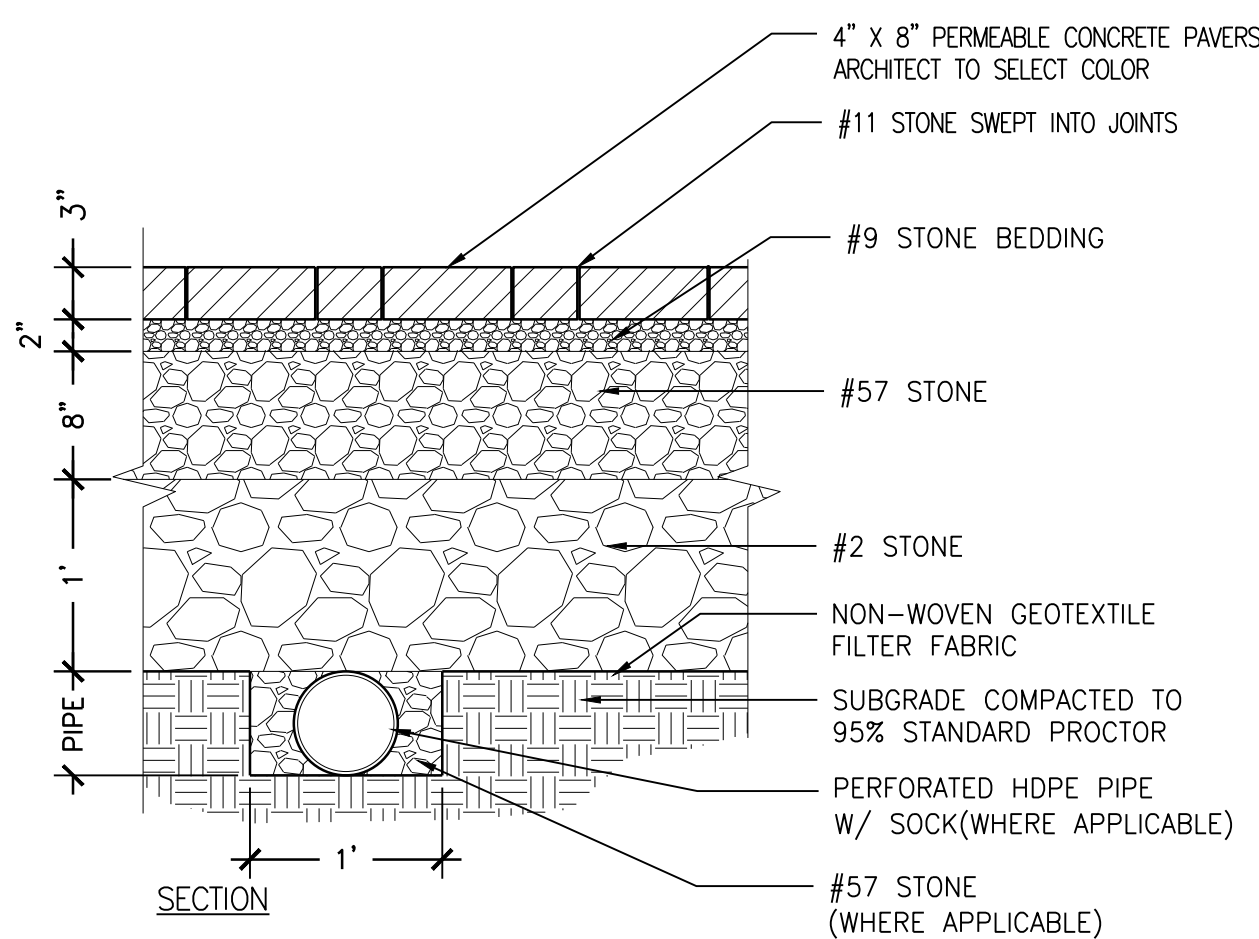
M CONCRETE CURB AND GUTTER / ROLL CURB
SCALE: 3/4"=1'-0"



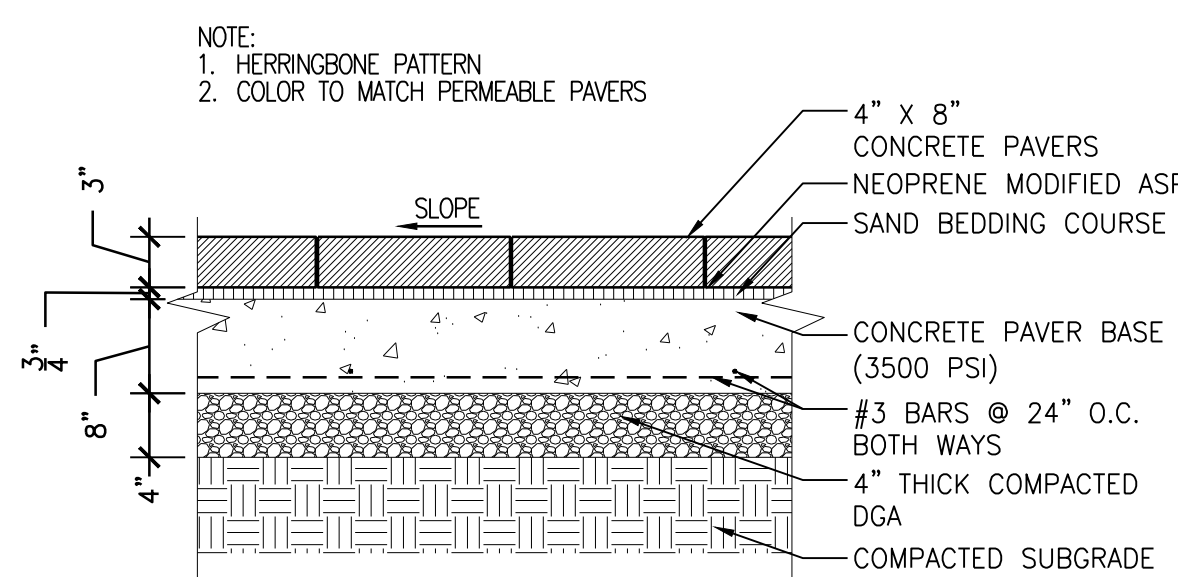
N 8" X 24" CONCRETE PAVERS (ENGRAVED)
SCALE: 3/4"=1'-0"



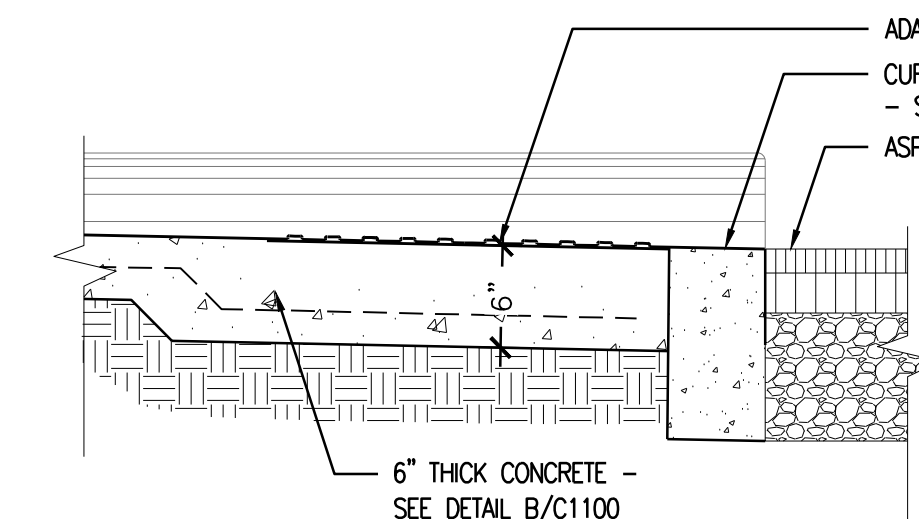
O 8" HEIGHT ALUMINUM EDGING
SCALE: 1"=1'-0"



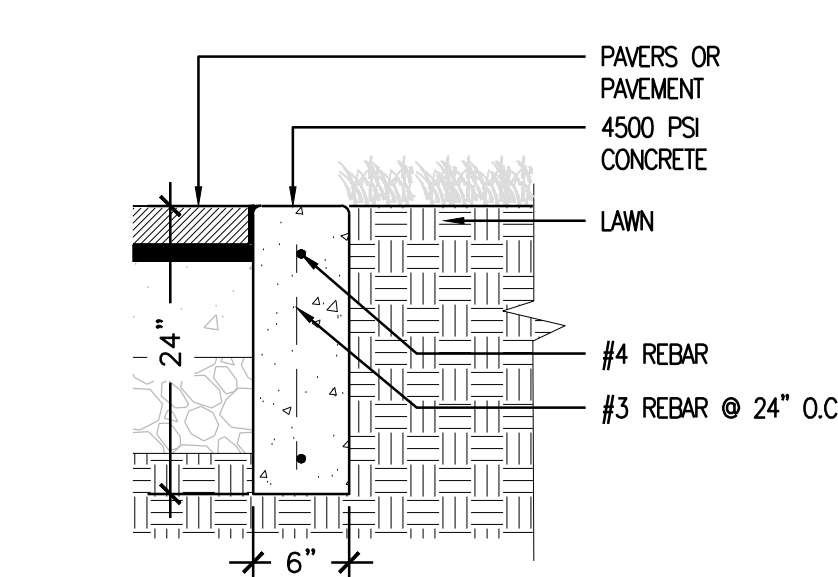
P 4" X 8" PERMEABLE PAVERS
SCALE: 1"=1'-0"



Q 4" X 8" CONCRETE PAVERS
SCALE: 1"=1'-0"



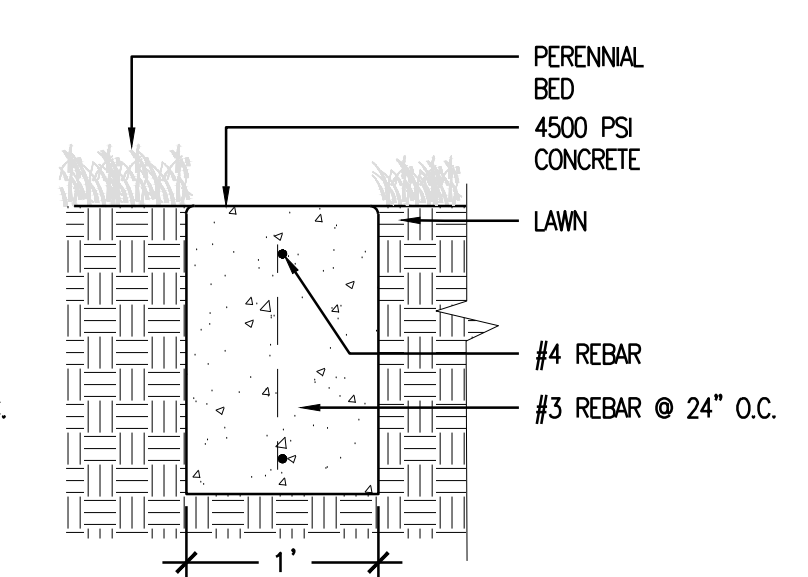
R ADA PANELS
SCALE: 1"=1'-0"



NOTES:

- CONCRETE SHALL BE 4500 PSI WITH MEDIUM BROOM FINISH.
- SAWED CONTROL JOINTS TO BE SPACED 30' MAX. JOINT DEPTH SHALL BE 1/4 DEPTH OF CURB.
- 1/2" RADIUS: TYP. ALL EXPOSED EDGES

S FLUSH CONCRETE CURB - 6" OR 12" WIDTH
SCALE: 1"=1'-0"



NOTES:

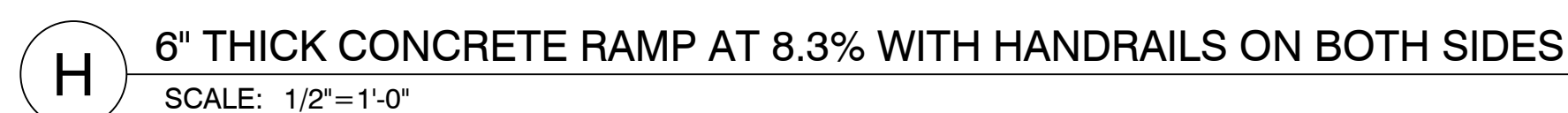
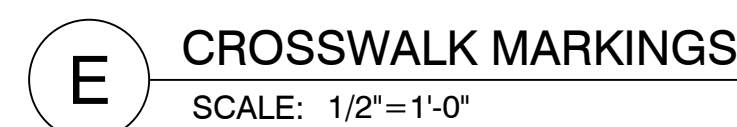
- CONCRETE SHALL BE 4500 PSI WITH MEDIUM BROOM FINISH.
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- 1/2" RADIUS: TYP. ALL EXPOSED EDGES

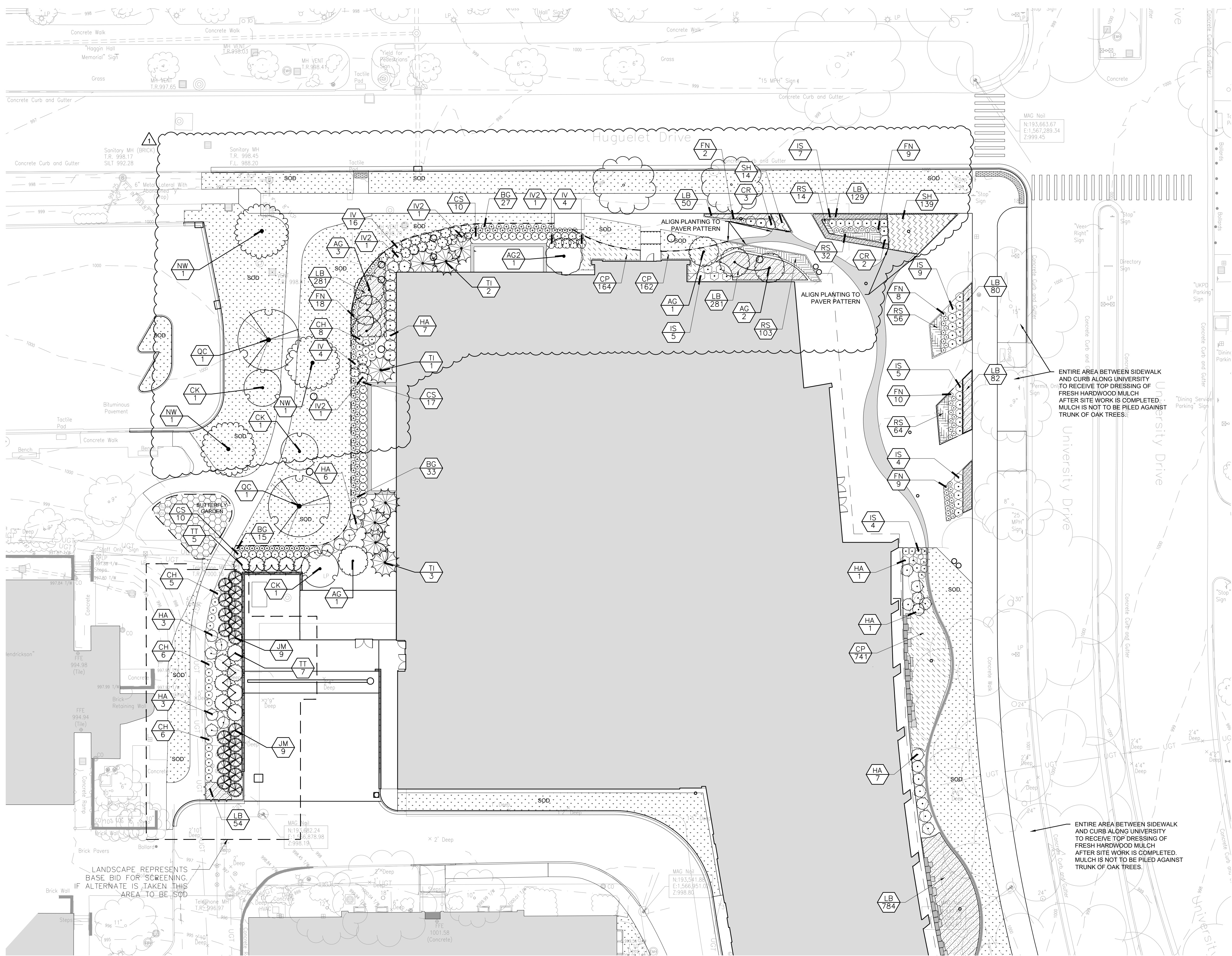
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PROJECT	202170	
DATE	05.09.25	
REVISIONS		
No.	Description	Date
1	Addendum #3	7-23-25

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SITE DETAILS

C1100





Landscape Plan - North

GENERAL LANDSCAPE NOTES

1. THE LANDSCAPE ARCHITECT SHALL RESERVE THE RIGHT TO REJECT ANY OR ALL PLANT MATERIAL THAT DOES NOT MEET THE SPECIFICATIONS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR UNDERSTANDING THE LANDSCAPE SPECIFICATIONS FOR PLANT MATERIAL, SEEDING AND/OR SODDING AND SHALL BE RESPONSIBLE FOR MEETING ANY AND ALL SPECIFICATION REQUIREMENTS.
2. NO PLANT SUBSTITUTIONS SHALL BE MADE WITHOUT PRE-APPROVAL FROM THE LANDSCAPE ARCHITECT. SUBSTITUTIONS ARE NOT VALID IF THE CONTRACTOR HAS NOT MADE ARRANGEMENTS FOR PLANT MATERIAL SELECTION, TAGGING OR PURCHASE FROM WHOLESALE WELL IN ADVANCE OF PLANTING.
3. THE CONTRACTOR SHALL VERIFY SOURCE OF PLANT MATERIAL AND VERIFY THAT PLANT MATERIALS HAVE BEEN RESERVED AT THEIR NURSERY OR A 3RD PARTY WHOLESALE WITHIN ONE MONTH OF NOTICE TO PROCEED AFTER THE AWARD OF THE GENERAL CONTRACT OR AFTER AWARD OF A SUBCONTRACT FROM THE GENERAL CONTRACTOR OR CONSTRUCTION MANAGER. THE GENERAL CONTRACTOR OR CONSTRUCTION MANAGER SHALL SELECT THE LANDSCAPE CONTRACTOR AT THE TIME OF SUBCONTRACTOR SELECTION OF ALL OTHER CONSTRUCTION TRADES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PLANT MATERIALS THAT HAVE BEEN "HARVESTED" OR "DUG" AT AN APPROPRIATE TIME OF THE YEAR WHEN DORMANT SO THAT THE VIABILITY OF THE PLANT MATERIAL IS NOT COMPROMISED. LIKEWISE, THE CONTRACTOR IS RESPONSIBLE FOR SELECTION AND RESERVATION OF THE MATERIALS PRIOR TO THE NORMAL DIGGING TIME OF DORMANCY. UNAVAILABILITY OF PLANT MATERIALS AS A RESULT OF LATE SELECTION OR RESERVATION OF MATERIAL IS NOT AN ACCEPTABLE REASON FOR PLANT MATERIAL SUBSTITUTION.
5. THE CONTRACTOR/CONSTRUCTION MANAGER AND LANDSCAPE SUBCONTRACTOR SHALL VERIFY PLANT MATERIAL SELECTION, SPECIES COMPLIANCE, QUANTITIES AND QUALITY THROUGH THE USE OF PHOTOGRAPHS TAKEN AT LOCATION OF PLANT MATERIAL NURSERY, GREENHOUSE, ETC. AND SUBMITTED TO THE OWNER AND LANDSCAPE ARCHITECT FOR VALIDATION AND APPROVAL PRIOR TO ARRIVAL OF PLANT MATERIAL ON THE SITE. SHOULD THE CONTRACTORS NOT TAKE THESE STEPS FOR APPROVAL, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ANY PLANTS THAT ARE DEEMED UNACCEPTABLE IN SIZE, SPECIES OR QUALITY BY THE LANDSCAPE ARCHITECT.
6. THE CONTRACTOR MAY SUBSTITUTE LARGER CONTAINER OR LARGER CALIBER PLANT MATERIALS SHOULD SPECIFIED SIZE NOT BE AVAILABLE ALTHOUGH THE COST FOR THE INCREASED SIZE WILL NOT BE A COST TO THE OWNER. THE SUBSTITUTION OF SMALLER PLANT MATERIAL SIZE IS NOT ACCEPTABLE.
7. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT WHEN PLANT MATERIALS BEGIN ARRIVING AT THE SITE PRIOR TO INSTALLATION SO THAT LANDSCAPE ARCHITECT CAN VERIFY COMPLIANCE WITH PLANT MATERIAL SPECIFICATIONS AND VERIFY THAT PLANT MATERIALS COINCIDE WITH PREVIOUSLY ACCEPTED PLANT MATERIALS AS SUMMARIZED ABOVE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE LANDSCAPE ARCHITECT AT SUCH TIME THAT PLANT MATERIAL INSTALLATION BEGINS SO THAT LANDSCAPE ARCHITECT CAN OBSERVE THE CHARACTER OF EXCAVATION FOR PLANT MATERIAL ROOT BALLS FOR SOIL TYPE, DRAINAGE AND OBSERVATION OF SPECIFIED PLANTING MEDIUM THAT WILL BE USED TO BACKFILL AROUND ROOT BALLS. THE LANDSCAPE ARCHITECT MAY REQUIRE PLANT MATERIALS TO BE REMOVED TO VERIFY THESE CONDITIONS SHOULD PROPER NOTIFICATION AND OBSERVATIONS NOT BE MADE. WITHOUT REGARD TO ANY OBSERVATION OF PLANT MATERIAL ROOT BALL EXCAVATION BY THE LANDSCAPE ARCHITECT, THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE OWNER/LANDSCAPE ARCHITECT AT ANY TIME THAT ROOT BALL EXCAVATIONS ARE FOUND TO HAVE POOR DRAINAGE AND ARE SUSCEPTIBLE TO WATER PONDING AROUND ROOT BALL THAT WILL BE A DETRIMENT TO THE GROWTH OF THE PLANT(S). THE LANDSCAPE ARCHITECT SHALL BE GIVEN ADEQUATE NOTICE TO DETERMINE THE BEST COURSE OF ACTION IF DRAINAGE REQUIREMENTS ARE NOT REQUIRED AS A PART OF THE SPECIFIC PLANTING REQUIREMENTS OF THIS PROJECT.
9. MULCH SHALL BE GRADE 'A' HARDWOOD UNLESS OTHERWISE SPECIFIED AND INSTALLED AT A MINIMUM UNIFORM DEPTH OF 3" WITHIN THE ENTIRE AREA OF PLANT BED(S). DO NOT PLACE MULCH DIRECTLY AGAINST THE TRUNK OF TREES.
10. INDIVIDUAL TREES SHALL RECEIVE MULCH SAUCERS WITH A DIAMETER TWICE THAT OF THE ROOTBALL. THE MULCH SAUCERS SHALL ADEQUATELY SERVE TO CONTAIN WATER AND FUNCTION AS INTENDED FOR GROWTH ESTABLISHMENT AND PROTECTION OF TREE.
11. ALL WORK, CONSTRUCTION REQUIREMENTS, AND PERFORMANCE STANDARDS SHALL COMPLY WITH ALL LOCAL STANDARDS.
12. APPROVED PLANT MEDIUM AND MULCH SHALL BE CONTINUOUS WITHIN THE ENTIRETY OF AREA, FULL DEPTH FOR BEDS WITH "MASS" PLANTINGS OF SHRUBS, GROUND COVERS OR GRASSES UNLESS THE SPACING IS MORE THAN SIX FEET (6') ON CENTER SPACING BETWEEN INDIVIDUAL PLANTS.
13. FINISH GRADES SHOWN ON THE GRADING PLAN ARE INCLUSIVE OF ANY LANDSCAPE MULCH REQUIRED. TOP OF MULCH SHALL BE FINISH GRADE WHERE APPLICABLE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING IF FINISH GRADE OF SURFACES FOR SEEDING OR SODDING ARE PROPERLY GRADED FOR POSITIVE DRAINAGE AND THERE IS NO SUSCEPTIBILITY FOR PONDING OF WATER WITHIN TURF AREAS. THE LANDSCAPE ARCHITECT SHALL OBSERVE THE FINISH GRADES PRIOR TO SEEDING/MULCHING OR SOD INSTALLATION. SHOULD SEEDING/MULCHING OR SOD BE INSTALLED AND THE RESULTING TURF AREAS SHOW ANY SIGNS OF WATER PONDING, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CORRECTING THE DRAINAGE TO ELIMINATE WATER PONDING. SHOULD THE CORRECTIONS REQUIRE RE-SEEDING/MULCHING OR RE-SODDING, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THIS CORRECTIVE ACTION AT NO COST TO THE OWNER.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL PLANT MATERIAL, INCLUDING LAWN AREAS, UNTIL FINAL ACCEPTANCE OF THE ENTIRE PROJECT. PLANT MATERIAL THAT DIES AS A RESULT OF LACK OF WATER AND/OR MAINTENANCE DURING THE TIME PERIOD BETWEEN INSTALLATION AND FINAL ACCEPTANCE SHALL BE REPLACED AT NO COST TO THE OWNER. IT SHOULD BE NOTED THAT LACK OF PRECIPITATION DURING THE PERIOD OF TIME BETWEEN INSTALLATION AND FINAL ACCEPTANCE DOES NOT RELIEVE THE CONTRACTOR FROM PERFORMING WATERING PER THE SPECIFICATIONS.
16. COST FOR MAINTENANCE OF LANDSCAPE MATERIAL, INCLUDING WATERING, IS TO BE INCLUDED IN THE SCHEDULE OF VALUES.
17. REFER TO SPECIFICATIONS FOR TOPSOIL QUALITY AND DEPTH REQUIREMENTS. TOPSOIL TESTING RESULTS AND SOIL AMENDMENTS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT. TOPSOIL SHALL CONTAIN A MINIMUM OF 5% ORGANICS AND SHALL CONTAIN NO PLASTIC CLAY MATERIALS, REGARDLESS OF POSSIBLE CONFLICTING SPECIFICATIONS CONTAINED ELSEWHERE IN CONTRACT DOCUMENTS. TOPSOIL SHALL NOT CONTAIN ANY DELETERIOUS MATERIALS SUCH AS CONSTRUCTION DEBRIS, STONES, ROCKS, ETC.
18. HATCHED OR SPECIFIED SODDED AREAS SHOWN REFLECT MINIMUM SPECIFIED OR SODDING. ANY AREAS DISTURBED BEYOND THOSE SPECIFIED OR HATCHED SHALL ALSO BE SODDED.
19. ALL SIDEWALKS OR PAVED AREAS SHALL HAVE 36" MIN. STRIP OF SOD ALONG EDGE. PLACE SOD SO THAT WATER CAN FLOW ACROSS WALKS AS GRADED WITHOUT PONDING AT THE DOWNSTREAM EDGE.
20. SOD PLACED ADJACENT TO EXISTING LAWNS SHALL BE CUT IN SO THAT THE SURFACE MATCHES ADJACENT SURFACE OF EXISTING LAWN.
21. TREES SHALL BE PLANTED SUCH THAT THE FLARE OF THE TRUNK IS EXPOSED AND NOT BURIED. BURLAP, WIRE CAGE, STRAPS, ROPES, ETC SHALL BE REMOVED FROM THE TOP 1/3 OF ROOT BALL.
22. CONTRACTOR SHALL MAINTAIN EXISTING LANDSCAPE WITHIN THE LIMITS OF CONSTRUCTION THROUGHOUT THE CONSTRUCTION PERIOD, INCLUDING MOWING OF LAWNS.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL SEEDING AREAS INCLUDING APPROVED MULCHING UNTIL FULL GERMINATION OF SEED AND GROWTH OF NEW GRASS. CONTRACTOR IS REQUIRED TO PREVENT SEEDING AREAS FROM ERODING, REGARDLESS OF WHEN THE SEEDING IS INSTALLED. ANY RESEEDING THAT IS REQUIRED AS A RESULT OF EROSION OF SEEDING AND MULCHING SHALL ALSO INCLUDE THE REDISTRIBUTION OF TOPSOIL AND SEEDING PREPARATION. SEEDING WILL NOT BE ACCEPTED UNTIL A STAND OF GRASS HAS BEEN ESTABLISHED THAT IS APPROVED BY THE LANDSCAPE ARCHITECT TO MEET THE INTENT OF THE FINAL DEVELOPMENT.



BEFORE YOU DIG CALL KENTUCKY UNDERGROUND (811) TWO (2) WORKING DAYS IN ADVANCE OF DIGGING

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	FIELD5
EVERGREEN TREES							
JM	20	Juniperus scopulorum 'Moonglow'	B & B			6'-8'	Match Form
TT	12	Thuja occidentalis 'Techny'	B & B			6' HT.	Match Form
TI	8	Thuja x 'Green Giant'	B & B			8' HT.	Match Form

LARGE TREES

CK	8	Cladrastis kentuckea	B & B	1.75"Cal			
NW	3	Nyssa sylvatica 'Wildfire'	B & B	2"Cal			
QC	3	Quercus coccinea	B & B	3"Cal			Specimen

UNDERSTORY TREES

AC2	2	Acer griseum	B & B	1.75"Cal			
AG	9	Amelanchier x grandiflora 'Autumn Brilliance'	B & B	2" cal., Single Leader			

SYMBOL CODE QTY BOTANICAL / COMMON NAME CONT HEIGHT

SHRUBS

CH	54	Clethra alnifolia 'Hummingbird'	5 gal				
CR	16	Clethra alnifolia 'Ruby Spice'	5 gal				
CS	52	Clethra alnifolia 'Sixteen Candles'	5 gal				
FN	84	Fothergilla x intermedia 'Legends of the Small'	5 gal				
HA	48	Hydrangea quercifolia 'Alice'	7 gal				
IV2	4	Ilex verticillata 'Jim Dandy'	5 gal				
IV	24	Ilex verticillata 'Red Sprite'	5 gal				
RG2	20	Rhus aromatica 'Gra-Low'	5 gal				

EVERGREEN SHRUBS

BG	75	Buxus x 'Green Gem'	B & B	18"-24"			
IS	37	Ilex glabra 'Shamrock'	5 gal				
TB	10	Thuja occidentalis 'Bobazam'	5 gal				

SYMBOL CODE QTY BOTANICAL / COMMON NAME CONT

SHRUB AREAS

CP	1,709	Carex pensylvanica	1 gal				
LB	2,620	Liriope muscari 'Big Blue'	1 gal				
RS	333	Rudbeckia fulgida 'Little Goldstar'	1 gal				
SH	153	Sporobolus heterolepis	1 gal				

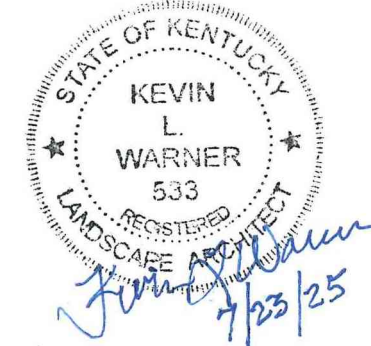
SODDED LAWN (square footage)

SOD	31,100SF*	Bluegrass, Rye and Tall Fescue Blend					
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*SUBJECT TO INCREASE DUE TO ADDITIONAL DISTURBANCES

JRA
architects

3225 Summit Square Place, Suite 200
Lexington, Kentucky 40509
859.252.6781



RESERVED FOR AHJ STAMP

CARMAN
LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING

BP-07

**MICHAEL D. RANKIN MD HEALTH
EDUCATION BUILDING**
UNIVERSITY OF KENTUCKY - BLDG NO. 0724
1148 UNIVERSITY DRIVE, LEXINGTON, KENTUCKY



CIVIL

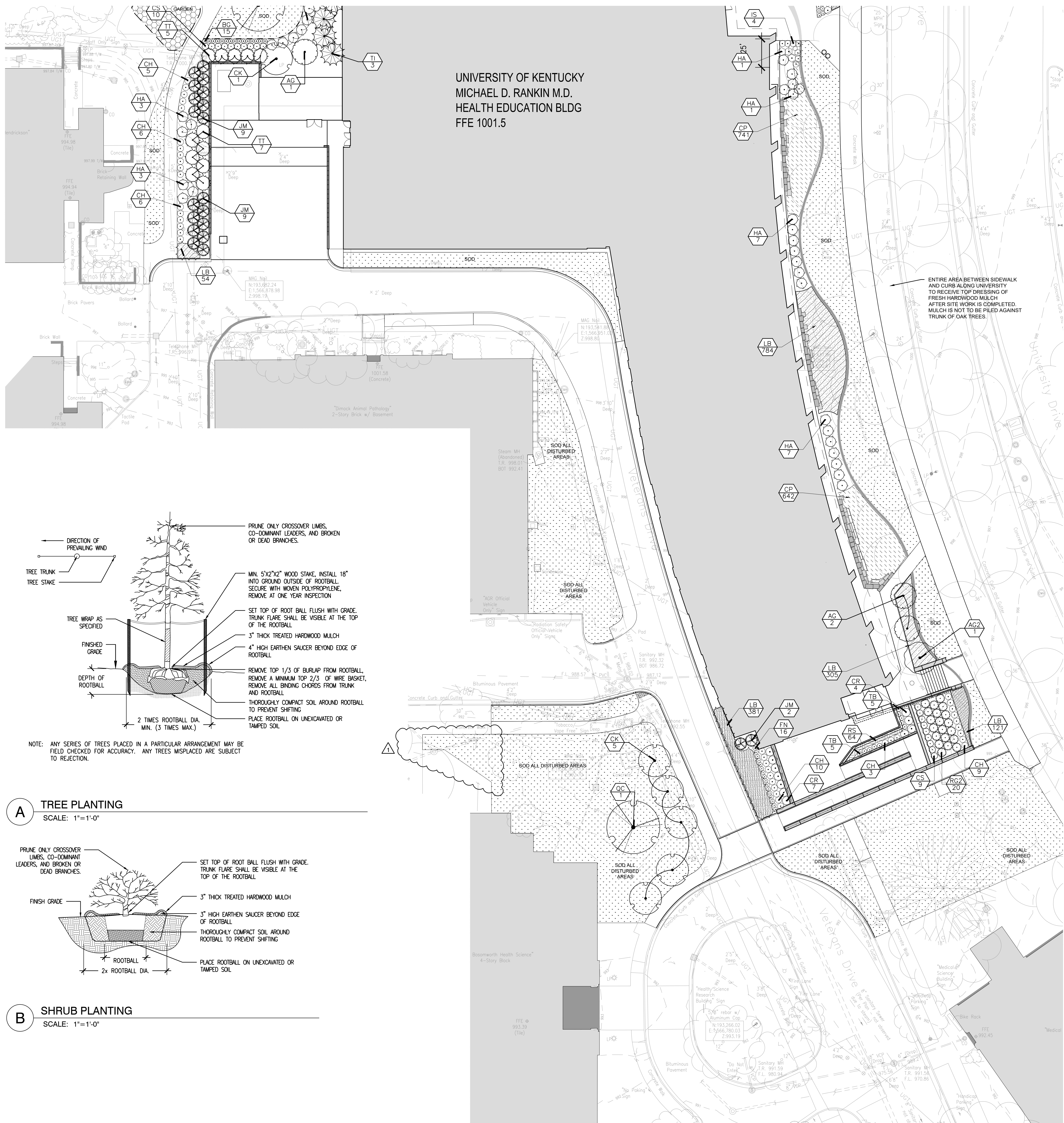
PROJECT	202170	
DATE	05.09.25	
REVISIONS		
No.	Description	Date
1	Addendum #3	7-23-25

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**LANDSCAPE
PLAN - NORTH**

C1200

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Landscape Plan - South

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	FIELDS
EVERGREEN TREES							
	JM	20	Juniperus scopulorum 'Moonglow' Moonglow Juniper	B & B		6'-8'	Match Form
	TT	12	Thuja occidentalis 'Techny' Techny Arborvitae	B & B		6' HT.	Match Form
	TI	8	Thuja x 'Green Giant' Green Giant Arborvitae	B & B		8' HT.	Match Form
LARGE TREES							
	CK	8	Cladrastis kentuckea American Yellowwood	B & B	1.75" Cal		
	NW	3	Nyssa sylvatica 'Wildfire' Wildfire Tupelo	B & B	2" Cal		
	QC	3	Quercus coccinea Scarlet Oak	B & B	3" Cal		Specimen
UNDERSTORY TREES							
	AG2	2	Acer griseum Paperbark Maple	B & B	1.75" Cal		
	AG	9	Amelanchier x grandiflora 'Autumn Brilliance' Autumn Brilliance Apple Serviceberry	B & B	2" cal., Single Leader		

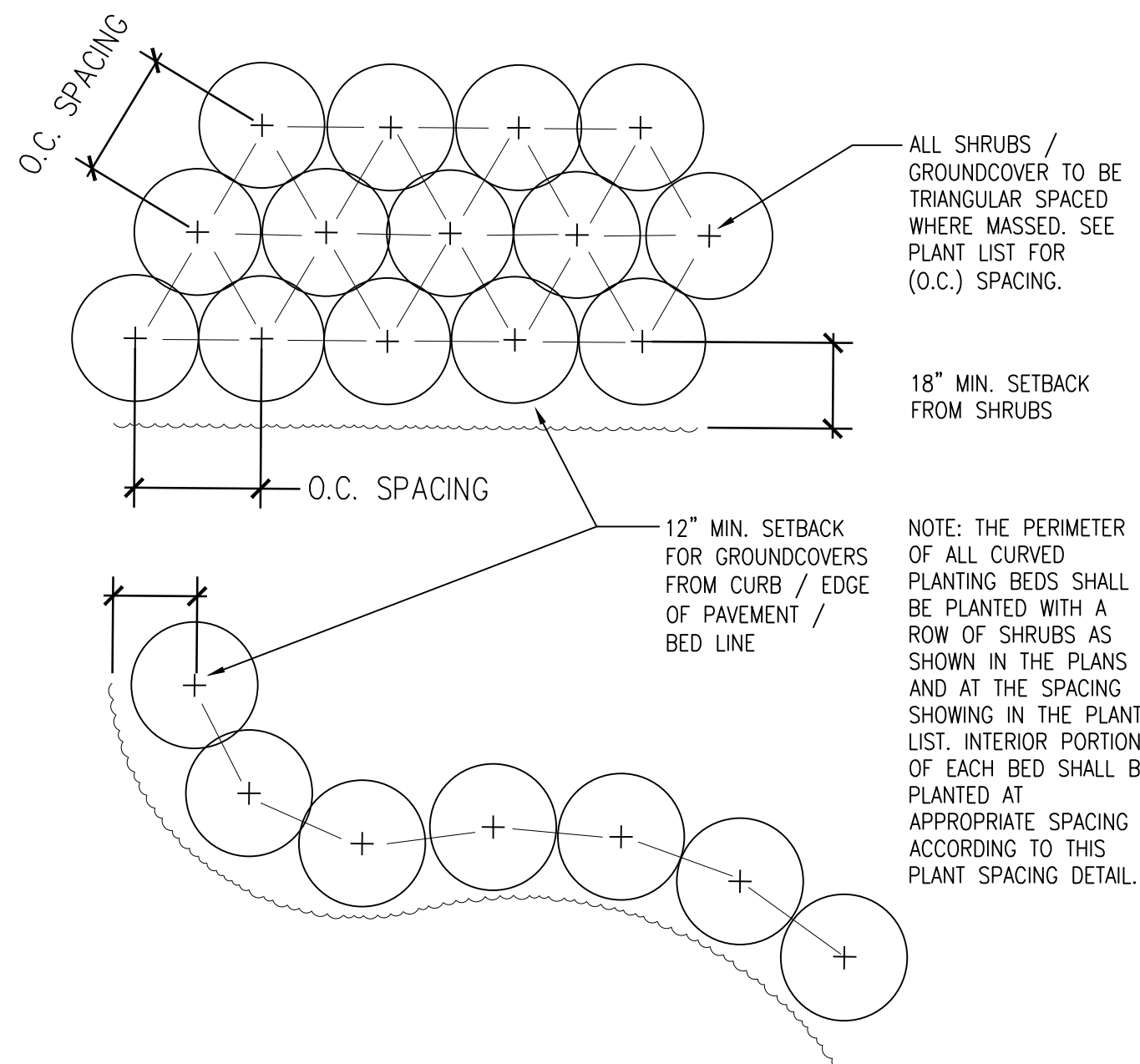
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	HEIGHT
SHRUBS					
	CH	54	Clethra alnifolia 'Hummingbird' Hummingbird Summersweet	5 gal	
	CR	16	Clethra alnifolia 'Ruby Spice' Ruby Spice Summersweet	5 gal	
	CS	52	Clethra alnifolia 'Sixteen Candles' Sixteen Candles Summersweet	5 gal	
	FN	84	Fothergilla x intermedia 'Legends of the Small' Legends of the Small Fothergilla	5 gal	
	HA	48	Hydrangea quercifolia 'Alice' Alice Oakleaf Hydrangea	7 gal	
	IV2	4	Ilex verticillata 'Jim Dandy' Jim Dandy Winterberry	5 gal	
	IV	24	Ilex verticillata 'Red Sprite' Red Sprite Winterberry	5 gal	
	RG2	20	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	5 gal	

EVERGREEN SHRUBS					
	BG	75	Buxus x 'Green Gem' Green Gem Boxwood	B & B	18"-24"
	IS	37	Ilex glabra 'Shamrock' Shamrock Inkberry Holly	5 gal	
	TB	10	Thuja occidentalis 'Bobozam' Mr. Bowling Ball Arborvitae	5 gal	

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT
SHRUB AREAS				
	CP	1,709	Carex pensylvanica Pennsylvania Sedge	1 gal
	LB	2,620	Liriope muscari 'Big Blue' Big Blue Lilyturf	1 gal
	RS	333	Rudbeckia fulgida 'Little Goldstar' Little Goldstar Coneflower	1 gal
	SH	153	Sporobolus heterolepis Prairie Dropseed	1 gal

SODDED LAWN (square footage)				
	SOD	31,100SF*	Bluegrass, Rye and Tall Fescue Blend	

*SUBJECT TO INCREASE DUE TO ADDITIONAL DISTURBANCES

C SHRUB SPACING
SCALE: 3/4"=1'-0"

BEFORE YOU DIG CALL KENTUCKY UNDERGROUND (811) TWO (2) WORKING DAYS IN ADVANCE OF DIGGING

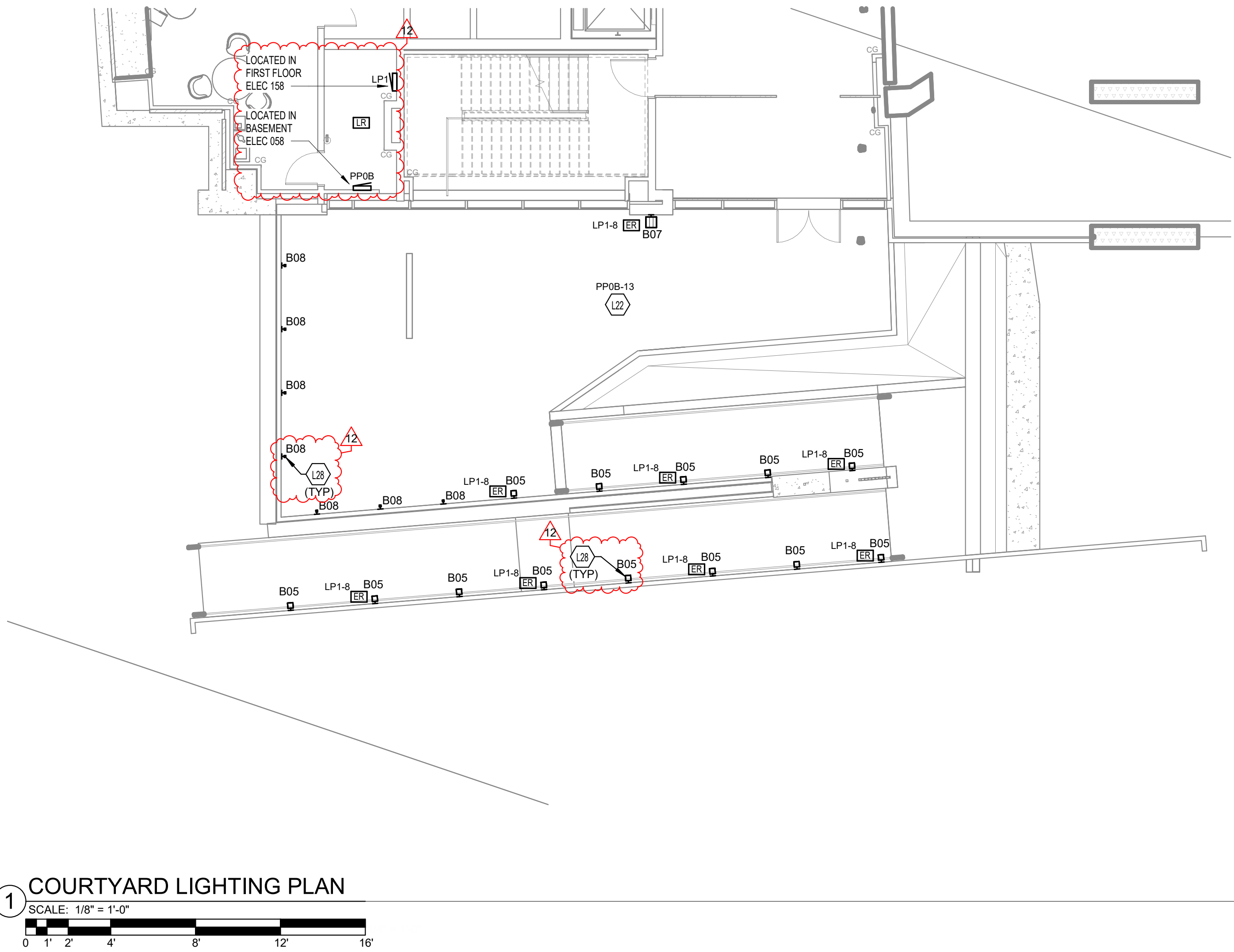
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PROJECT	202170	
DATE	05.09.25	
REVISIONS		
No.	Description	Date
1	Addendum #3	7-23-25

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ELEC - LUMINAIRE SCHEDULE BP-07								
TYPE	DESCRIPTION	BASIS OF DESIGN	EQUALS	MINIMUM LUMENS	MOUNTING	MAXIMUM WATTAGE	VOLTAGE	REMARKS
B05	RECESSED STEP LIGHT, FINISH PER ARCHITECT	LUMASCAPE LS1260-08-840-F-SQ-MD-09-PA-FINISH	LIGMAN EQUAL HYDREL EQUAL	600	RECESSED WALL	8	120	
B07	WALL MOUNT AREA LIGHT, FINISH PER ARCHITECT	LITHONIA WDG2 LED-P1-40K-80CRI-VF-MVOLT-FINISH	LIGMAN EQUAL PRISMA EQUAL	1200	SURFACE	10	120	
B08	WALL MOUNT VERTICAL GRAZER	WOMO OUTDOOR LINEAR LIGHT WALL - WM9000	WAC EQUAL LIGHTWAY EQUAL	2880	SURFACE	36	120	
S01	18' POLE WITH AREA LIGHTS, 3 HEADS PER POLE, TYPE IV BEAM ANGLE, FINISH PER ARCHITECT	LUMINIS BVA31-L1L40-TYP4	LIGMAN EQUAL AAL EQUAL	3780	POLE	36	120	
S02	12' POLE WITH AREA LIGHT, 1 HEAD, TYPE III BEAM ANGLE, FINISH PER ARCHITECT	LUMINIS BVA31-L1L40-TYP3	LIGMAN EQUAL AAL EQUAL	4051	POLE	36	120	
S03A	15' POLE WITH 5 TOTAL LIGHT FIXTURES, ONE (1) TYPE III DISTRIBUTION AREA LIGHT MOUNTED AT 12' ABOVE BASE PLATE (ABP), AND TWO (2) FLOODLIGHTS MOUNTED AT 13' AND 14 ABP STACKED VERTICALLY ON EACH SIDE.	AREA LIGHT: LUMINIS BVA31-L1L40-TYP3 FLOODLIGHTS: (2) LUMENPULSE LQG-120-RGBW40K-NF-NF-SN-PLTU, (2) LUMENPULSE LQG-120-RGBW40K-WFL-WFL-SN-PLTU	LIGMAN EQUAL AAL EQUAL	4051	POLE	436	120	
S03B	15' POLE WITH 5 TOTAL LIGHT FIXTURES, ONE (1) TYPE III DISTRIBUTION AREA LIGHT MOUNTED AT 12' ABOVE BASE PLATE (ABP), AND TWO (2) FLOODLIGHTS MOUNTED AT 13' AND 14 ABP STACKED VERTICALLY ON EACH SIDE.	AREA LIGHT: LUMINIS BVA31-L1L40-TYP3 FLOODLIGHTS: (2) LUMENPULSE LQG-120-RGBW40K-FL-FL-SN-PLTU, (1) LUMENPULSE LQG-120-RGBW40K-WFL-WFL-SN-PLTU	LIGMAN EQUAL AAL EQUAL	4051	POLE	436	120	



12

TAGGED NOTES

L22 PROVIDE ACUTY NLIGHT LIGHTING CONTROL RELAY MODEL NPP16 IN ELECTRICAL ROOM 058. INTERFACE TO NEAREST BUILDING CONTROL SYSTEM COMMUNICATION CIRCUIT. PROVIDE ALL SET UP AND PROGRAMMING TO INTERFACE WITH CAMPUS WIDE EXTERIOR LIGHTING CONTROL. CIRCUIT COURTYARD LIGHTING FIXTURES BACK TO THIS RELAY.

L28 CONDUIT SERVING RECESSED WALL MOUNTED COURTYARD LIGHTING FIXTURES MUST BE RAN BETWEEN STRUCTURAL WALL, AND PRECAST PANELS. COORDINATE FIXTURE AND CONDUIT INSTALLATION WITH OTHER TRADES.

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ALAN R. JELLY

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BP-07

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ELECTRICAL

PROJECT 202170/XKSM21

DATE 07/25/2025

REVISIONS

No.	Description	Date
12	BP-07 ADDENDUM #3	07/30/25

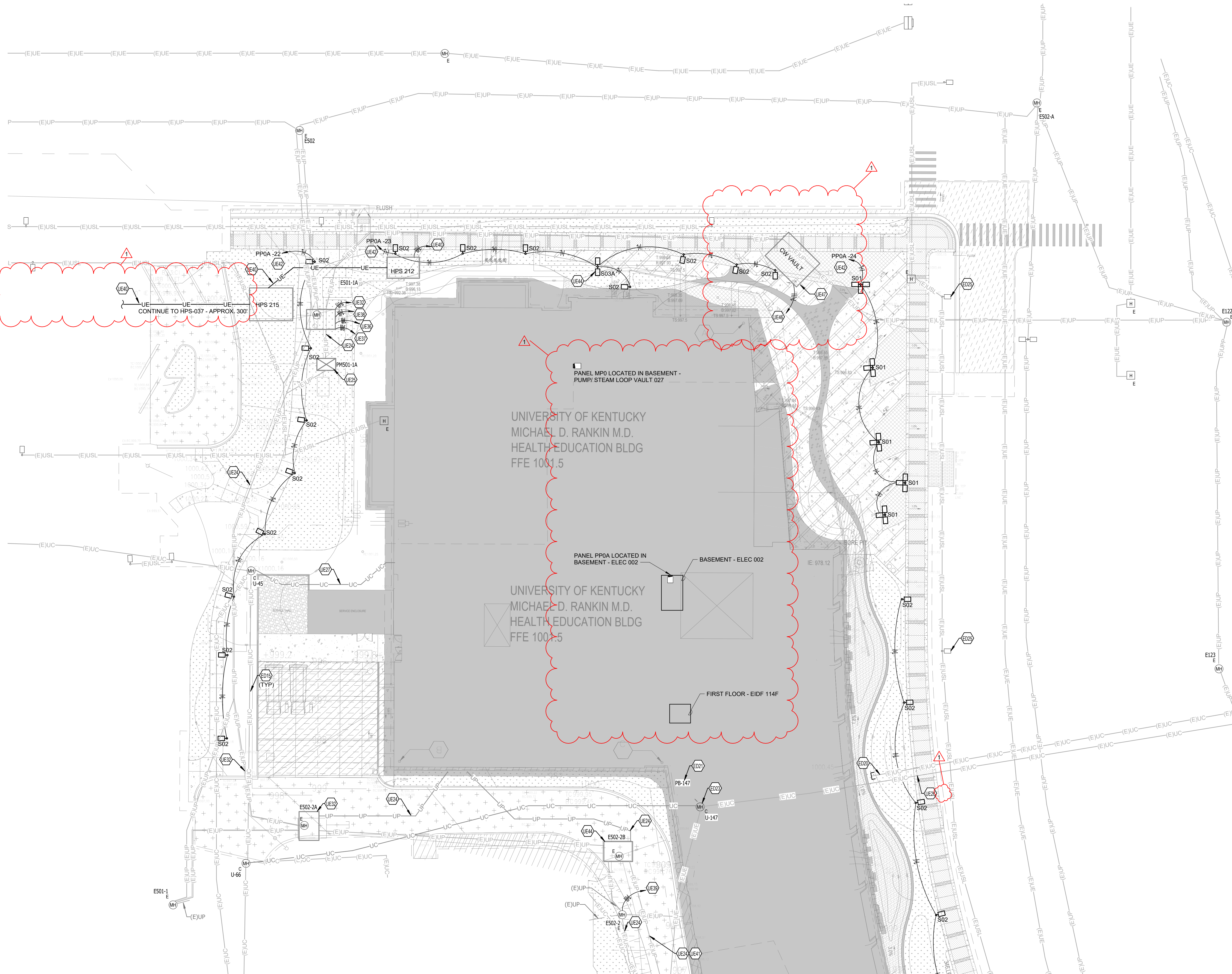
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BP-07

ELECTRICAL
PLANS AND
SCHEDULES

E-111

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SITE UTILITY PLAN - AREA A - ELECTRICAL
NEW WORK

1

SCALE: 1" = 20'-0"

0 10' 20' 40' 60' 80'

ELECTRICAL SITE NOTES

- A DO NOT SCALE FROM MECHANICAL AND ELECTRICAL DRAWINGS. FIELD VERIFY REQUIRED DIMENSIONS AND COORDINATE WITH CIVIL DRAWINGS AND SURVEYS.
- B REFER ALSO TO ALL OTHER PLANS AND THE SPECIFICATION, BUT ESPECIALLY TO: THE SITE SURVEY, THE ARCHITECTURAL SITE PLAN, THE SITE GRADING PLAN, THE PLANTING PLAN (WHERE AVAILABLE), FOUNDATION PLAN(S), APPROPRIATE MECHANICAL & ELECTRICAL FLOOR PLANS FOR SERVICE CONTINUATIONS, THE SITE UTILITY PLAN - MECHANICAL & ELECTRICAL, WHERE THERE ARE CONFLICTS AMONG THESE PLANS AND/OR RELATED SPECIFICATIONS, ADVISE THESE ENGINEERS AT LEAST TEN DAYS PRIOR TO SUBMISSION OF BIDS.
- C FEDERAL, STATE, LOCAL, MUNICIPALITY AND UTILITY COMPANY CODES, RULES, REGULATIONS AND REQUIREMENTS APPLY UNLESS EXCEEDED BY THIS DESIGN.
- D WHEN INTERRUPTION OF AN EXISTING UTILITY OR SERVICE IS PLANNED OR OCCURS ACCIDENTALLY, THE CONTRACTOR(S) SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME PROVIDING PREMIUM TIME AS NEEDED AT NO INCREASE IN THE CONTRACT PRICE.
- E LOCATIONS, DEPTHS, MATERIAL TYPES, ELEVATIONS, ETC. OF ALL APPURTENANCES, LINES, BUILDINGS, ETC. INDICATED ON THESE DRAWINGS WERE TAKEN FROM VARIOUS SOURCES, ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO SUBSTANTIAL VARIATION FROM EXISTING CONDITIONS, EXISTING UTILITIES LOCATIONS MAY VARY. CONSEQUENTLY ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE. FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND/OR LOCAL RULES, REGULATIONS, STANDARDS AND SAFETY REQUIREMENTS.
- F PROVIDE LONG RADIUS ELBOWS FOR UNDERGROUND CONDUIT BENDS, WHERE SERVING A UTILITY OWNED TRANSFORMER, THE UTILITY STANDARDS SHALL TAKE PRECEDENCE.
- G UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE UNIVERSITY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY. IF ANY VARIATION OCCURS, CONSULT THE ENGINEER. CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY THE ROUTING OF ALL UTILITIES NEW AND EXISTING PRIOR TO SUBMISSION OF BIDS. SUBMISSION OF A BID PROPOSAL INDICATES THAT THE CONTRACTOR IS FULLY AWARE OF ALL OBSTRUCTIONS AND WILL INSTALL ALL OF THE NEW UTILITIES WITHOUT REQUESTS FOR ANY ADDITIONAL CHANGES.
- H PROVIDE GALVANIZED RIGID CONDUIT FOR EXTERIOR UNDERGROUND TRANSITIONS TO ABOVE GRADE; EXTEND CONDUIT A MINIMUM OF 6" ABOVE GRADE.
- I PROVIDE SURVEY DATA INCLUDING DEPTH, FOR ALL TERMINATION POINTS AND CHANGES IN ELEVATION, SLOPE OR DIRECTION. DATA SHALL BE IN THE FORMAT NECESSARY FOR INCLUSION IN THE UNIVERSITY'S GIS SYSTEM.
- J CONTRACTOR SHALL CONTACT ENGINEER FOR INSPECTION OF TRENCHES PRIOR TO INSTALLATION OF CONDUITS OR RACEWAYS. AFTER RACEWAY INSTALLATION AND PRIOR TO CONCRETE PLACEMENT, NO CONCRETE OR BACKFILL SHALL BE DONE WITHOUT EXPLICIT APPROVAL OF OWNER AND ENGINEER.
- K CONTRACTOR SHALL CUT AND PATCH ALL PAVEMENT, CURBING, ETC. AS REQUIRED FOR WORK. CONTRACTOR IS RESPONSIBLE FOR LANDSCAPING WORK FROM REMOVED FINISH GRADE, SEED AND STRAW ALL DISTURBED GREEN SPACES. ALL PATCH AND REPAIR WORK SHALL BE IN ACCORDANCE WITH BOTH CIVIL AND LANDSCAPE DRAWINGS AND SPECIFICATIONS.
- L COORDINATE UNDERGROUND ELECTRICAL WITH ALL LANDSCAPING AND FENCING, ADJUST ELECTRICAL LINES TO AVOID CONFLICTS. REFER TO LANDSCAPING PLANS FOR FURTHER INFORMATION. AVOID ROUTING UNDERGROUND CONDUITS AT 90 DEGREES WHERE POSSIBLE. PLANNED INTERRUPTION OF ANY SERVICE SHALL BE COORDINATED WITH THE APPROPRIATE MUNICIPALITY OR UTILITY COMPANY, THE ARCHITECT, AND THE BUILDING OPERATORS AT LEAST ONE WEEK IN ADVANCE OF ANTICIPATED INTERRUPTION, A SCHEDULE FOR THESE OUTAGES SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES MENTIONED TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER OR ANY AFFECTED PARTY. NOTIFY THE UTILITY COMPANY OF ANY ANTICIPATED SERVICES REQUIRED FROM THEM AT LEAST TWO WEEKS IN ADVANCE IN WRITING AND INSURE THAT THEY DO NOT DELAY WORK.
- N THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE DRAWINGS ARE APPROXIMATE ONLY.
- O THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY EXCAVATION WORK REQUIRED TO LOCATE UNDERGROUND UTILITIES. THE CONTRACTOR IS ALSO REQUIRED TO NOTIFY ANY OTHER AFFECTED UTILITY OWNERS PRIOR TO DIGGING. IN THE EVENT OF ACCIDENTAL INTERRUPTION OF SERVICE, CONTRACTOR WILL IMMEDIATELY NOTIFY THE OTHER UTILITY OWNERS.
- P THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD OTHER EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE OTHER UTILITIES, THE UTILITY WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT.
- Q CONTRACTOR SHALL PAY ALL TAP FEES, UTILITY COST, UTILITY CONNECTION COSTS, METER FEES, EXTENSION AND DEVELOPMENT CHARGES REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- R REATTACH ALL TAPS AND TRANSFORMERS AS TO MAINTAIN EXISTING PHASE CONNECTIONS.
- S CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SERVICE FROM REMOVED EQUIPMENT ON SITE, INCLUDING BUT NOT LIMITED TO SITE LIGHTING, TRANSFORMERS, ETC.
- T REMOVE ALL ASSOCIATED PULLBOXES, CONDUIT AND CONDUCTORS FOR DEVICES/FIXTURES/ETC. BEING REMOVED (BACK TO SOURCE), WHETHER INDICATED OR NOT (UON).
- U COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.
- V COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.
- W BP-01 REFER TO THE MEDIUM-VOLTAGE WORK SEQUENCE FOR ORDER OF NEW WORK AND DEMOLITION. THE CONTRACTOR SHALL DEVELOP A DETAILED WORK PROCEDURE FOR REVIEW, OBTAIN APPROVAL FROM THE ENGINEER FROM OWNER PRIOR TO BEGINNING ANY WORK. DURATION OF OUTAGES AND LOSS OF REDUNDANT SOURCES IS TO BE MINIMIZED.
- X ALL EXCAVATION WITHIN THE CANOPIES OF REMAINING TREES SHALL BE BY AIR EXCAVATOR TO MINIMIZE DAMAGE TO ROOTS. REFER TO THE UNIVERSITY'S TREE PROTECTION REQUIREMENTS FOR OTHER REQUIREMENTS.
- Y BP-02 REFER TO THE COMMUNICATIONS CABLE SCHEDULE, PROVIDE REPLACEMENT CABLES AS INDICATED. REMOVE CABLES INDICATED ONLY AFTER REPAIRS ARE IN SERVICE.
- Z ALL SITE CIRCUITS SHALL INCLUDE CONDUIT AND WIRING FROM THE LOAD TO THE INDICATED PANEL, INCLUDING ALL BELOW GRADE WALL PENETRATIONS AND SEALING.

TAGGED NOTES

- ED15 EXISTING COMMUNICATION LINES ON SITE SHALL BE MARKED AND PROTECTED FROM DAMAGE FOR THE DURATION OF THE PROJECT.
- ED20 AFTER REPLACEMENT CABLE IS IN SERVICE, REMOVE EXISTING CABLE END TO END AND REMOVE ALL ACCESSIBLE DUTBANK.
- ED21 AFTER REPLACEMENT CABLE IS IN SERVICE, REMOVE EXISTING PULLBOX.
- ED23 AFTER NEW CABLE VAULT IS CONSTRUCTED, REMOVE EXISTING MANHOLE. PROTECT EXISTING CABLING AND PROVIDE NEW SUPPORTS AS NOTED ON SYSTEMS PLANS.
- ED25 EXISTING STREET LIGHTING TO REMAIN IN SERVICE. PROTECT FROM DAMAGE FOR THE DURATION OF THE PROJECT.
- UE24 FEEDER CONSISTING OF THREE 500KCMIL 15KV AND ONE 500KCMIL 600V CABLES FROM SWITCH TO BUILDING MEDIUM VOLTAGE SWITCHGEAR INSTALLED IN PRIOR BID PACKAGE.
- UE25 PAD-MOUNT SWITCH INSTALLED IN PRIOR BID PACKAGE.
- UE26 PROVIDE NEW BUILDING SERVICE CABLE CONSISTING OF 48SM/120M1 FIBER TO THE SOUTH MDF 018A. ROUTE CABLE FROM THE 90' MDF 102 VIA EXISTING PATHWAYS AND MANHOLES U47, U29, U30 AND COMM VAULT 016. PROVIDE NEW FIBER HOUSING AND CASSETTES IN EXISTING RACK IN THE 90' AND FULLY TERMINATE ALL STRANDS.
- UE27 PROVIDE NEW BUILDING SERVICE CABLE CONSISTING OF 48SM/120M1 FIBER TO THE NORTH MDF 024. ROUTE CABLE FROM WHITNEY-HENDRICKSON MDF 072 VIA EXISTING PATHWAYS AND MANHOLES U148 AND U45. PROVIDE NEW FIBER HOUSING AND CASSETTES IN EXISTING RACK IN WHITNEY-HENDRICKSON AND FULLY TERMINATE ALL STRANDS.
- UE32 PROVIDE 3-#6 AND #6 GROUND FROM PANEL MP0 FOR MANHOLE E501-1A AND E502-2A POWER CIRCUIT. ROUTE WIRING BETWEEN ALL MANHOLES IN EXISTING 2" CONDUIT AND MAKE PERMANENT CONNECTIONS TO MANHOLE PANELS INSTALLED IN PREVIOUS BID PACKAGE. REMOVE TEMPORARY CIRCUIT AND PATCH ALL OPENINGS.
- UE36 PROVIDE 4-#6 AND #6 GROUND FROM PANEL MP0 FOR E502, E503, E402-1 POWER CIRCUIT. REMOVE TEMPORARY CIRCUIT AND MAKE ALL PERMANENT CONNECTIONS TO EXISTING CIRCUIT. FIELD VERIFY EXISTING CIRCUIT CONFIGURATION.
- UE37 PROVIDE 4-#6 AND #6 GROUND IN 2" CONDUIT FROM PANEL MP0 FOR MANHOLE E904-3, E904-2, E904-1 POWER CIRCUIT. REMOVE TEMPORARY CIRCUIT AND MAKE ALL PERMANENT CONNECTIONS TO EXISTING CIRCUIT. FIELD VERIFY EXISTING CIRCUIT CONFIGURATION.
- UE38 PROVIDE 4-#6 AND #6 GROUND IN 2" CONDUIT FROM PANEL MP0 FOR MANHOLE E502A, E125-2, E125-1 POWER CIRCUIT. REMOVE TEMPORARY CIRCUIT AND MAKE ALL PERMANENT CONNECTIONS TO EXISTING CIRCUIT. FIELD VERIFY EXISTING CIRCUIT CONFIGURATION.
- UE39 PROVIDE 3-#6 AND #6 GROUND IN 2" CONDUIT FROM PANEL MP1 FOR MANHOLE E501-1, E502-2 POWER CIRCUIT. REMOVE TEMPORARY CIRCUIT AND MAKE ALL PERMANENT CONNECTIONS TO EXISTING CIRCUIT. FIELD VERIFY EXISTING CIRCUIT CONFIGURATION.
- UE40 PROVIDE 4-#6 AND #6 GROUND IN 2" CONDUIT FROM PANEL MP0 FOR HPS VAULT 212, 215/217, 037 POWER CIRCUIT. REMOVE TEMPORARY CIRCUIT AND MAKE ALL PERMANENT CONNECTIONS TO EXISTING CIRCUIT. FIELD VERIFY EXISTING CIRCUIT CONFIGURATION.
- UE41 PROVIDE 3-#6 AND #6 GROUND FROM PANEL MP1 FOR MANHOLE E124-2, E502-2B, 124A POWER CIRCUIT. ROUTE WIRING BETWEEN ALL MANHOLES IN EXISTING 2" CONDUIT AND MAKE PERMANENT CONNECTIONS TO MANHOLE PANELS INSTALLED IN PREVIOUS BID PACKAGE. REMOVE TEMPORARY CIRCUIT AND PATCH ALL OPENINGS.
- UE42 PROVIDE 2-#6 AND #6 GROUND IN 1" CONDUIT FOR SITE LIGHTING. PROVIDE ACUITY NIGHT LIGHTING CONTROL, RELAY MODULE IN ELECTRICAL ROOM 002. INTERFACE TO NEAREST BUILDING CONTROL SYSTEM COMMUNICATION CIRCUIT. PROVIDE ALL SET UP AND PROGRAMMING TO INTERFACE WITH CAMPUS WIDE EXTERIOR LIGHTING CONTROL. EXTEND CIRCUIT TO THIS RELAY.
- UE44 PROVIDE CONTROL CABLING IN 1" CONDUIT FROM COLOR CHANGING FIXTURE ON POLE TO RGBW LIGHTING CONTROLLER LOCATED IN EIDF 114F. REFER TO LIGHTING CONTROL DIAGRAMS AND SEQUENCE OF OPERATIONS FOR DETAILS.
- UE46 PROVIDE 2-#6 AND #6 GROUND IN 2" CONDUIT FROM PANEL MP0 FOR VAULT POWER CIRCUIT SHALL TERMINATE ON A 30A/1P CIRCUIT BREAKER IN PANEL MP0. CONNECT TO LOADS IN VAULT AS SHOWN ON DETAIL SEU510.
- UE47 PROVIDE NEW POWER ACCESSORIES/FITTINGS FOR CHILLED WATER VAULT PER DETAIL SEU510 AND UK SPECIFICATIONS.



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RESERVED FOR AHJ STAMP



BP-07

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ELECTRICAL

PROJECT 202170/XKSM21

DATE 12/16/2024

REVISIONS

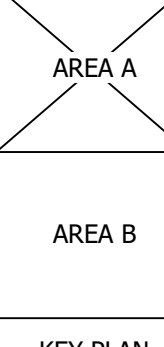
No.	Description	Date
1	BP-07 ADDENDUM #3	07/30/25

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SITE UTILITY
PLAN AREA A -
MEP NEW
WORK

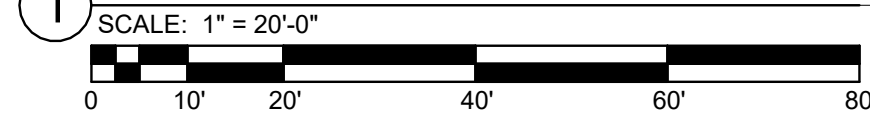
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SITE UTILITY PLAN - AREA B - ELECTRICAL
NEW WORK



TAGGED NOTES

- ED25 EXISTING STREET LIGHTING TO REMAIN IN SERVICE. PROTECT FROM DAMAGE FOR THE DURATION OF THE PROJECT.
- UE24 FEEDER CONSISTING OF THREE 500KCMIL 15KV AND ONE 500KCMIL 600V CABLES FROM SWITCH TO BUILDING MEDIUM VOLTAGE SWITCHGEAR INSTALLED IN PRIOR BID PACKAGE.
- UE32 PROVIDE 3-#6 AND #6 GROUND FROM PANEL MP0 FOR MANHOLE E501-1A AND E502-2A POWER CIRCUIT. ROUTE WIRING BETWEEN ALL MANHOLES IN EXISTING 2" CONDUIT AND MAKE PERMANENT CONNECTIONS TO MANHOLE PANELS INSTALLED IN PREVIOUS BID PACKAGE. REMOVE TEMPORARY CIRCUIT AND PATCH ALL OPENINGS.
- UE41 PROVIDE 3-#6 AND #6 GROUND FROM PANEL MP1 FOR MANHOLE E124-2, E502-2B, 124A POWER CIRCUIT. ROUTE WIRING BETWEEN ALL MANHOLES IN EXISTING 2" CONDUIT AND MAKE PERMANENT CONNECTIONS TO MANHOLE PANELS INSTALLED IN PREVIOUS BID PACKAGE. REMOVE TEMPORARY CIRCUIT AND PATCH ALL OPENINGS.
- UE43 PROVIDE 2-#8 AND #8 GROUND IN 1" CONDUIT FOR SITE LIGHTING. PROVIDE ACUTY NLIGHT LIGHTING CONTROL RELAY MODEL NPP16 IN ELECTRICAL ROOM 058. INTERFACE TO NEAREST BUILDING CONTROL SYSTEM COMMUNICATION CIRCUIT. PROVIDE ALL SET UP AND PROGRAMMING TO INTERFACE WITH CAMPUS WIDE EXTERIOR LIGHTING CONTROL. EXTEND CIRCUIT TO THIS RELAY.
- UE44 PROVIDE CONTROL CABLE IN 1" CONDUIT FROM COLOR CHANGING FIXTURE ON POLE TO RGBW LIGHTING CONTROLLER LOCATED IN EIDF 114F. REFER TO LIGHTING CONTROL DIAGRAMS AND SEQUENCE OF OPERATIONS FOR DETAILS.



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RESERVED FOR AHJ STAMP



BP-07

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ELECTRICAL

PROJECT 202170/XKSM21

DATE 12/16/2024

REVISIONS

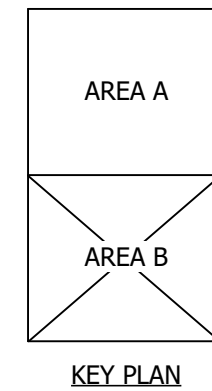
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SITE UTILITY
PLAN AREA B -
MEP NEW
WORK

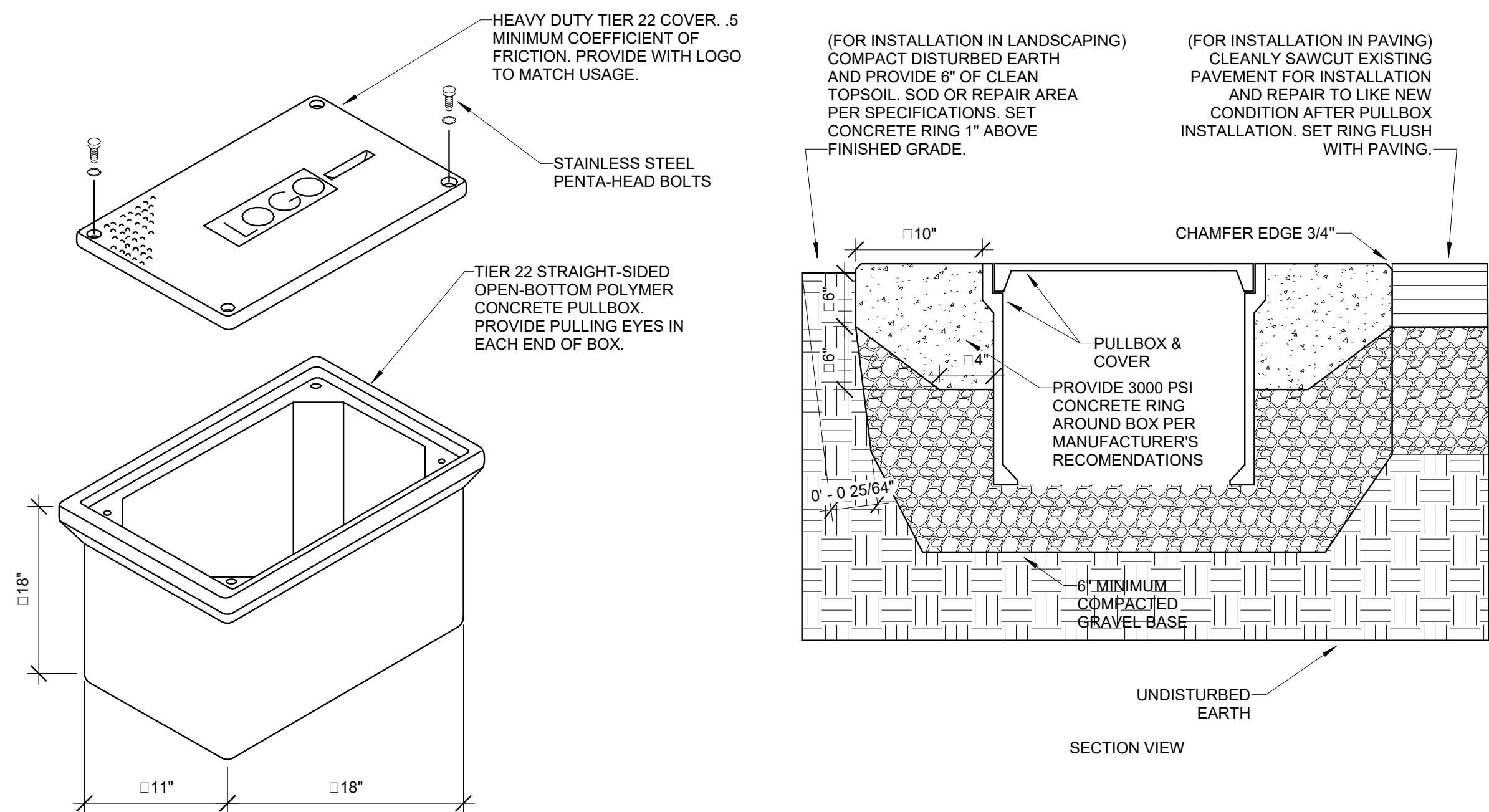
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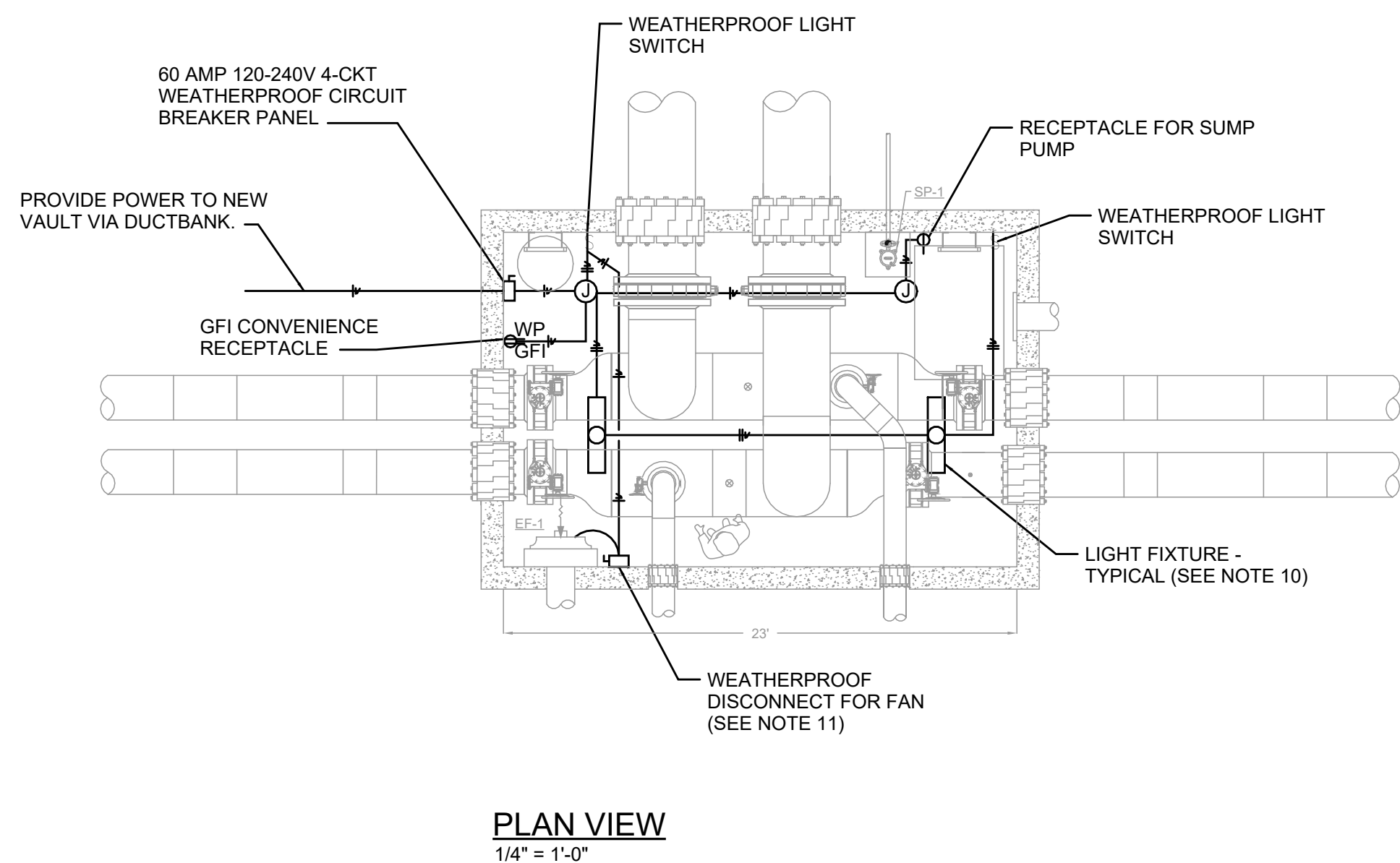




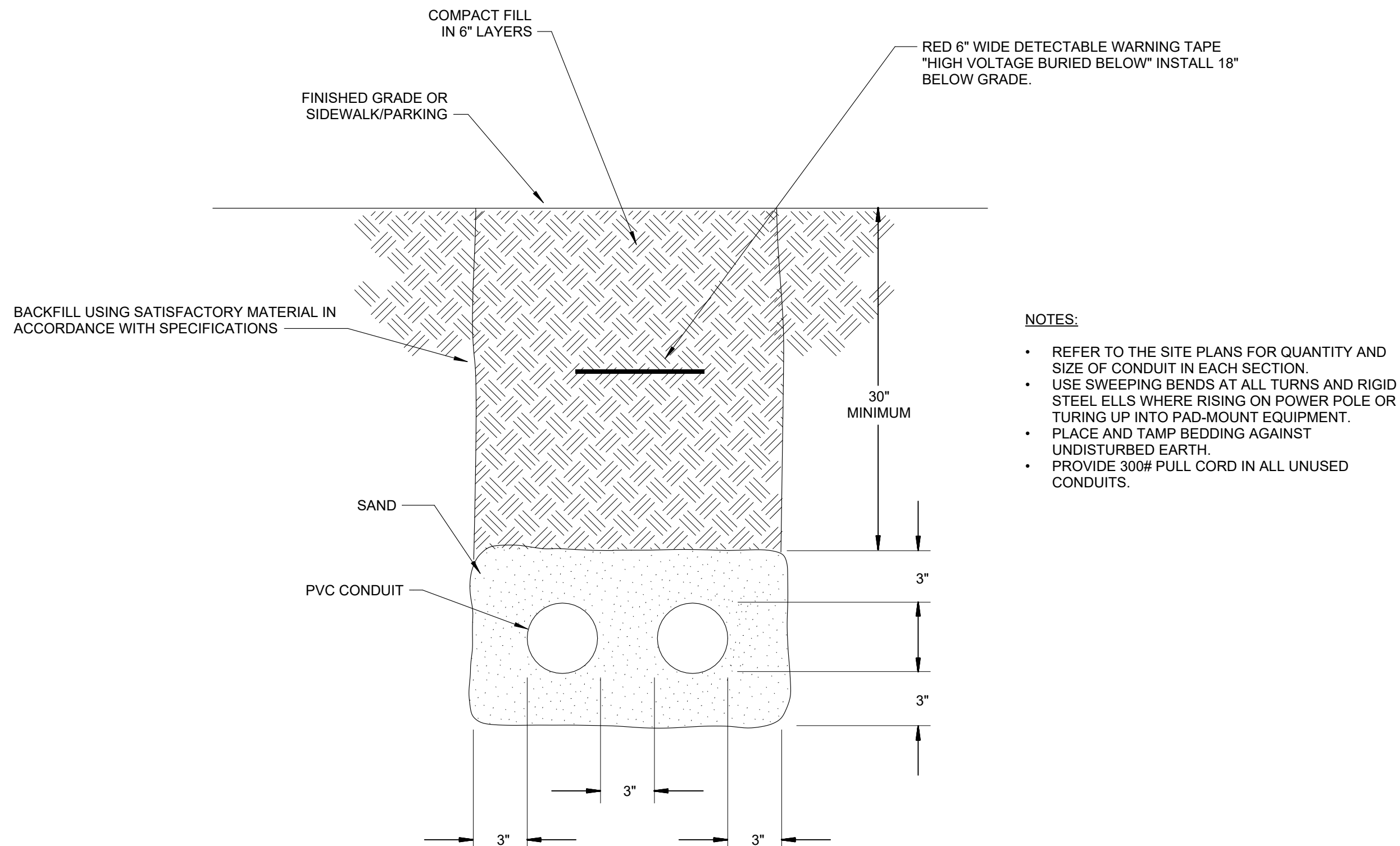
1 EXISTING COMMUNICATION DUCT ROUTING
SCALE: NONE



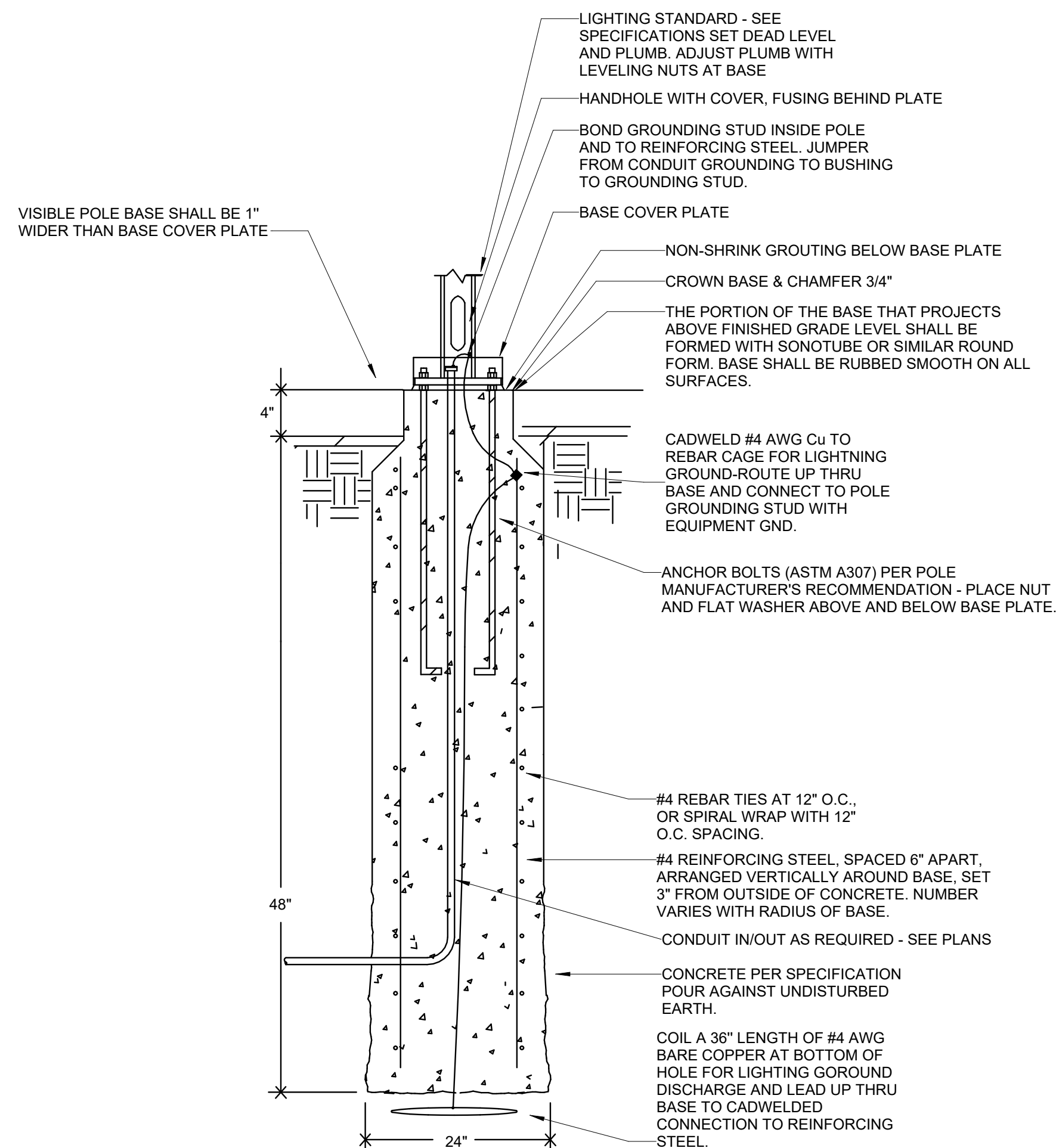
3 POLYMER PULLBOX DETAIL
SCALE: NONE



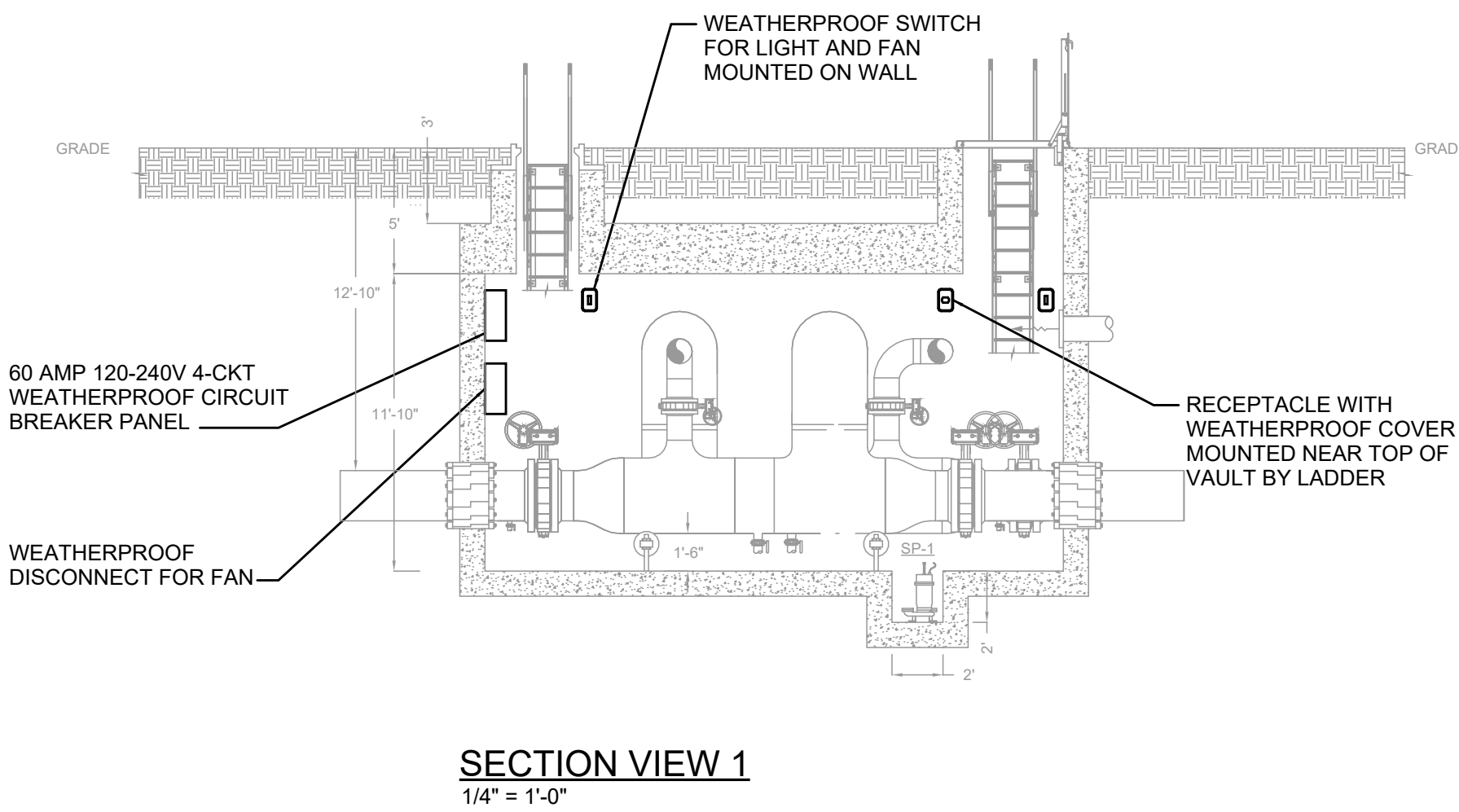
5 CHILLED WATER VAULT POWER DETAIL
SCALE: NONE



2 SECONDARY ELECTRICAL CONDUIT DETAIL
SCALE: NONE



4 LIGHTING STANDARD BASE DETAIL
SCALE: NONE



- NOTES:
- PROVIDE TWO VAPOR PROOF, 5000K, LED LIGHT FIXTURES AS INDICATED. FIXTURES SHALL BE A PENNSYLVANIA VAPOR TIGHT SERIES SIMILAR TO ITEM 74531 OR EQUAL.
 - PROVIDE A NON-GFI SINGLE USE RECEPTACLE WITH WEATHERPROOF COVER FOR SUMP PUMP USE.
 - PROVIDE A GFI DUPLEX RECEPTACLE WITH WEATHERPROOF COVER FOR GENERAL USE.
 - ALL CONDUIT AND BOXES SHALL BE SCHEDULE 40 PVC.
 - ELECTRICAL DISCONNECTS SHALL BE NEMA 4 AND DEVICES SHALL BE NEMA 3R.

SECTION 26 0504 - SLEEVING, CUTTING, PATCHING AND REPAIRING

1. GENERAL

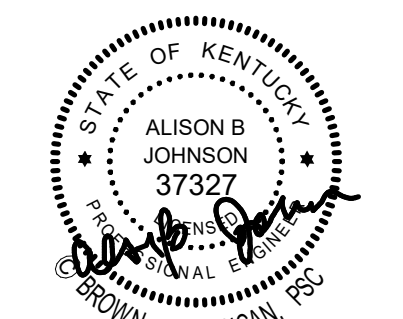
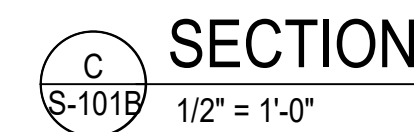
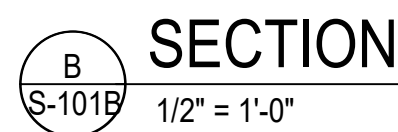
- A. The Contractor shall be responsible for all openings, sleeves, trenches, etc. that they may require in floors, roofs, ceilings, walls, etc. and shall coordinate all such work with the General Contractor and all other trades. They shall determine and coordinate any openings which they is to provide before submitting a bid proposal in order to avoid conflict and disagreement during construction. Improperly located openings shall be reworked at the expense of the responsible Contractor.
- B. The Contractor shall plan their work ahead and shall place sleeves, frames or forms through all walls, floors and ceilings during the initial construction, where it is necessary for conduit, buss duct, conductors, wireways, etc. to go through; however, when this is not done, this Contractor shall do all cutting and patching required for the installation of their work, or they shall pay other trades for doing this work when so directed by the Architect. Any damage caused to the building by the workmen of the responsible Contractor must be corrected or rectified by them at their own expense.
- C. The Contractor shall cut holes in casework, equipment panels, etc. (if any), as required to pass pipes in and out.
- D. The Contractor shall notify other trades in due time where they will require openings of chases in new concrete or masonry. They shall set all concrete inserts and sleeves for their work. Failing to do this, they shall cut openings for their work and patch same as required at their own expense.
- E. Openings in slabs and walls shall be cut with core drill. Hammer devices will not be permitted. Edges of trenches and large openings shall be scribe cut with a masonry saw.
- F. Cast iron sleeves shall be installed through all walls where pipe enters the building below grade. Sleeves shall be flush with each face of the wall and shall be sufficiently larger than the entering pipe to permit thorough caulking with lead and oakum between pipe and sleeve for waterproofing.
- G. In all cases, sleeves shall be at least two inches larger than nominal pipe diameter.
- H. Sleeves passing through roof or exterior wall or where there is a possibility of water leakage and damage shall be caulked water tight for horizontal sleeves and flashed and counter-flashed with lead (4 lb.) or copper and soldered to the piping, lapped over sleeve and properly weather sealed. Any roof penetration shall not void or lessen the warranty in any way.
- I. All rectangular or special shaped openings in plaster, stucco or similar materials including gypsum board shall be framed by means of plaster frames, casing beads, wood or metal angle members as required. The intent of this requirement is to provide smooth even termination of wall, floor and ceiling finishes as well as to provide a fastening means for lighting fixtures, panels, etc. Lintels shall be provided where indicated over all openings in bearing walls, etc.
- J. No cutting is to be done at points or in a manner that will weaken the structure and unnecessary cutting must be avoided. If in doubt, contact the Architect.
- K. The Contractor shall be responsible for properly shoring, bracing, supporting, etc. any existing and/or new construction to guard against cracking, settling, collapsing, displacing or weakening while openings are being made. Any damage occurring to the existing and/or new structures, due to failure to exercise proper precautions or due to action of the elements, shall be promptly and properly made good to the satisfaction of the Architect.

- L. All work improperly done or not done at all as required by the Contractor will be performed by others. The cost of this work shall be paid for by the Contractor who is in non-compliance with the Contract.

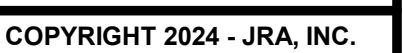
2. SLEEVES, PLATES AND ESCUTCHEONS

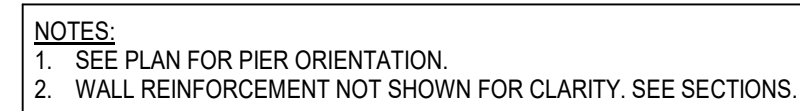
- A. The Contractor shall provide and locate all sleeves required for their work before the floors and surface being penetrated are built, otherwise the Contractor shall core drill for conduits where sleeves were not installed, or where incorrectly located. Core drilling is the only acceptable alternative to sleeves. Do not chisel openings. Where sleeves are placed in exterior walls or in slabs on grade, the space between the conduit and the sleeves shall be made completely and permanently water tight.
- B. Conduits that penetrate fire and/or smoke rated assemblies shall have sleeves installed as required by the manufacturer of the rating seal used.
- C. At all other locations either pipe sleeves or core drilled openings are acceptable.
- D. Where thermal expansion does not occur, the wall may be sealed tight to the conduit.
- E. Sleeves shall be constructed of rigid steel conduit. Sleeves in floors shall extend 6" above finished floor level.
- F. Fasten sleeves securely in floors, walls, so that they will not become displaced when concrete is poured or when other construction is built around them. Take precautions to prevent concrete, plaster or other materials being forced into the space between pipe and sleeve during construction.
- G. In all areas where ducts are exposed and ducts pass thru floors, the opening shall be surrounded by a 4 inch high by 3 inch wide concrete curb.
- H. Escutcheon plates shall be provided for all conduit passing thru walls, floors and ceilings. Plates shall be nickel plated, of the split ring type, of size to match the pipe or conduit. Where plates are provided for pipes passing thru sleeves which extend above the floor surface, provide deep recessed plates to conceal the sleeves.
- I. When installing conduit, pipe, or any other work in insulated concrete form (ICF) walls, the responsible subcontractor for the work shall provide spray foam insulation to patch the rigid insulation to maintain full integrity of the insulating value of the wall after the mechanical and electrical work is complete. Furthermore all new work shall NOT be installed in concrete center of wall. All mechanical and electrical installations shall be on the interior side of the concrete.

END OF SECTION 26 0504



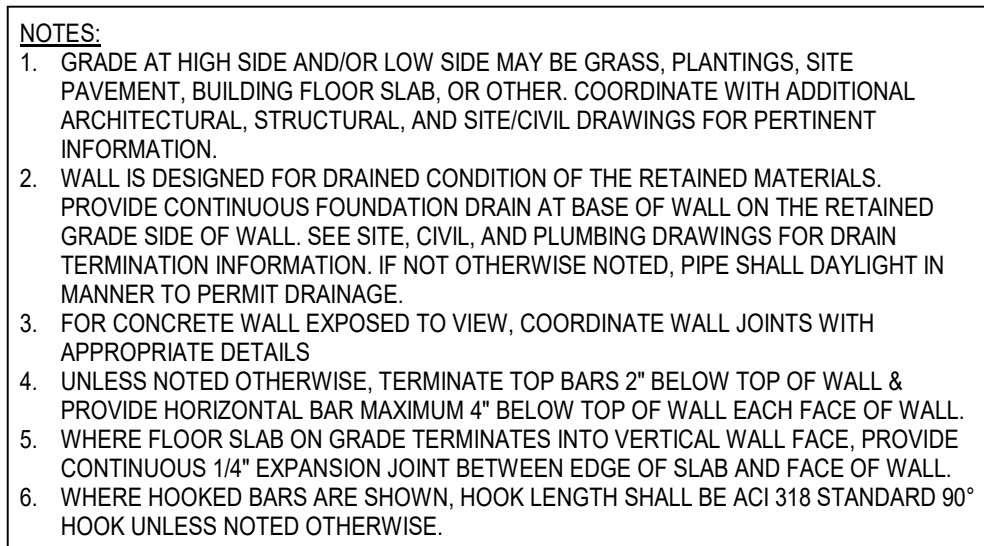
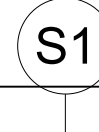
MARK	WIDTH	THICKNESS	REINFORCING CONT BOTTOM	TRANSVERSE REINFORCING BOTTOM
RWF53	5'-4"	1'-2"	#5@12" O.C. TOP & BOT	#5@12" O.C. TOP & BOT
RWF65A	6'-6"	1'-6"	SEE SECTIONS	SEE SECTIONS
RWF113	11'-4"	1'-8"	SEE SECTIONS	SEE SECTIONS
WF20	2'-0"	1'-0"	(3) #5 CONT	#4@96" O.C. TRANSV
WF30	3'-0"	1'-4"	(4) #5	#4@12" O.C.
WF40	4'-0"	1'-6"	(5) #5	#5@12" O.C. TOP & BOT
WF40A	4'-0"	1'-6"	(5) #5	#5@12" O.C. TOP & BOT
WF50	5'-0"	3'-0"	(6) #8 TOP & BOT	#5@12" O.C. TOP & BOT





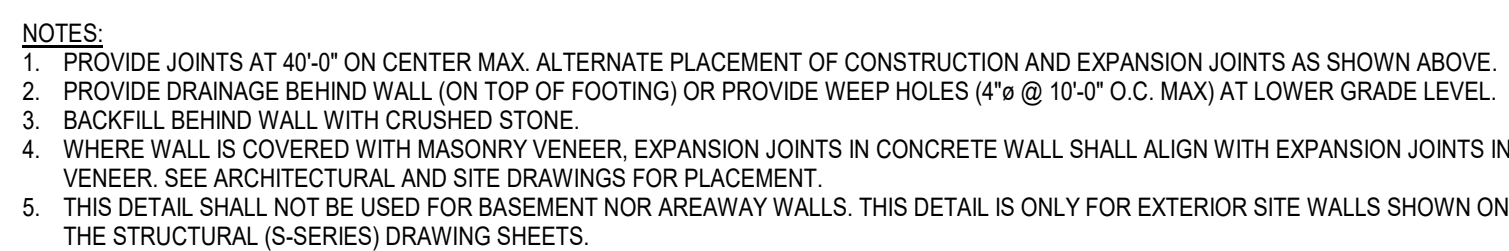
TYPICAL

NOT TO SCALE

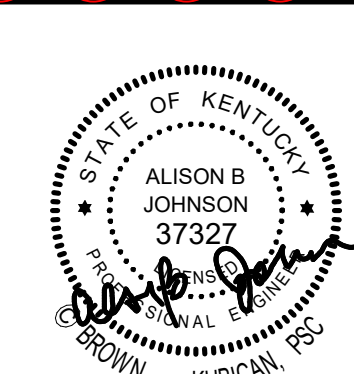
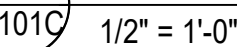
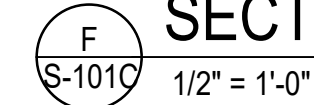
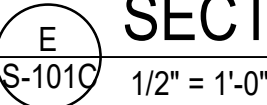


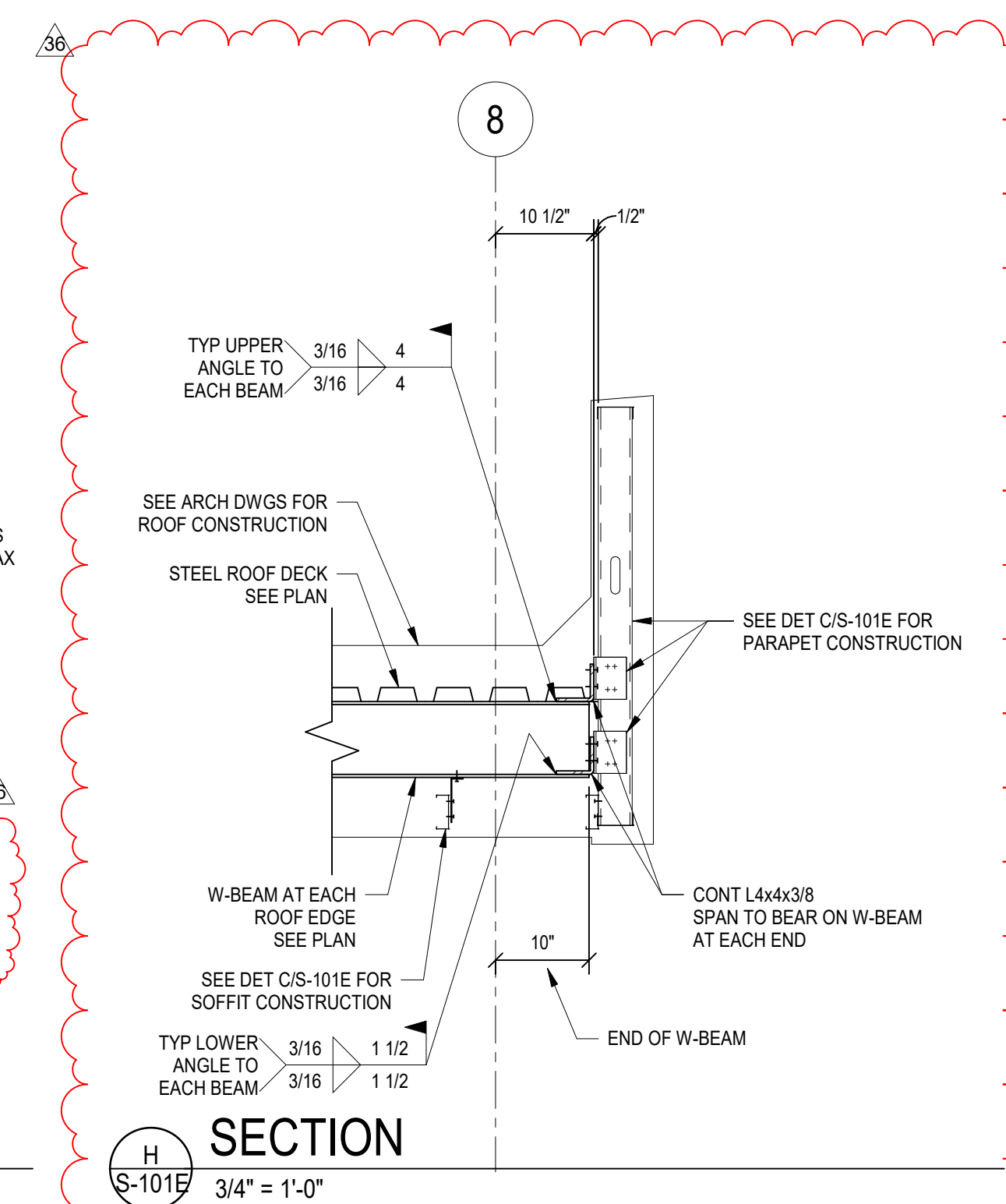
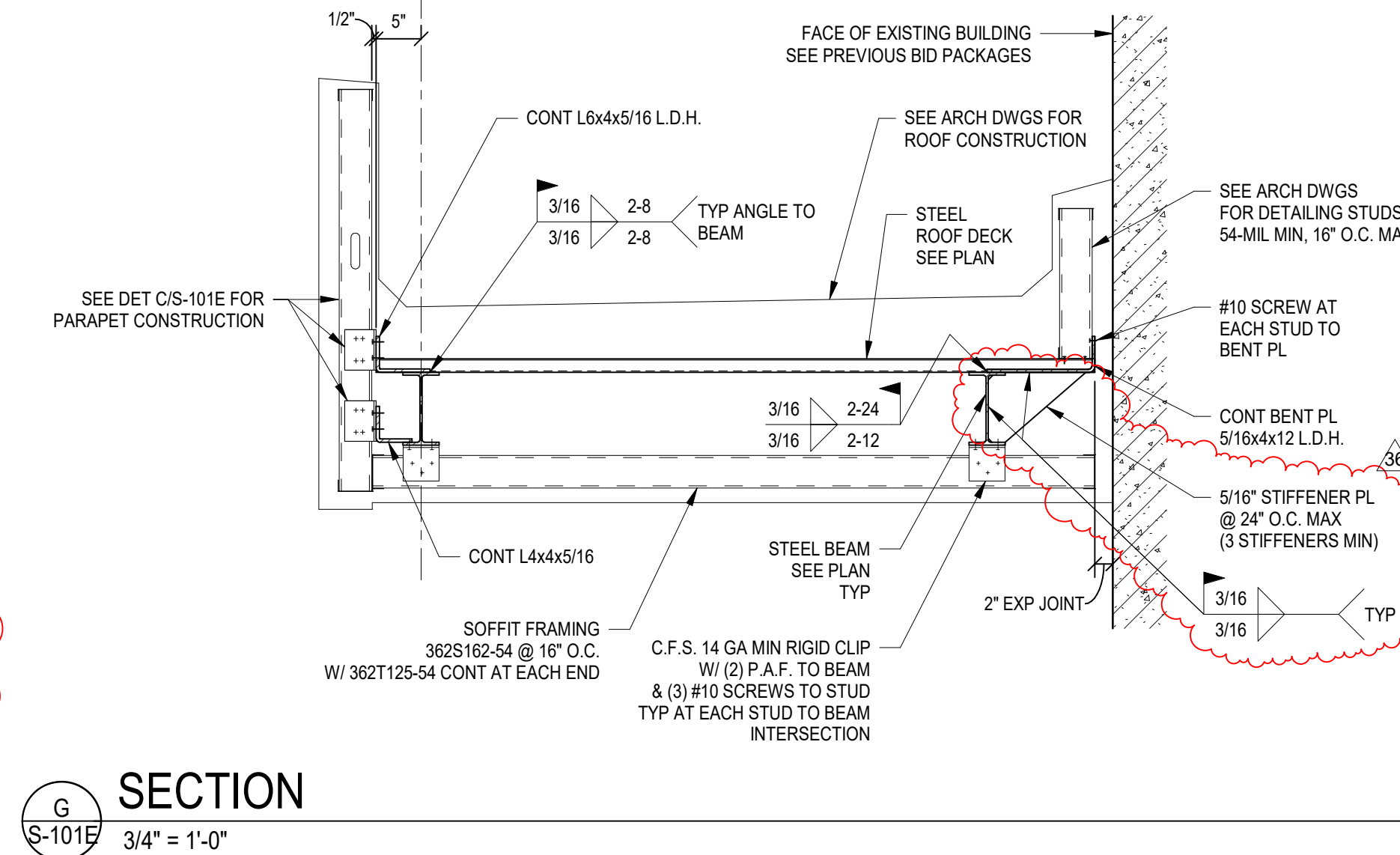
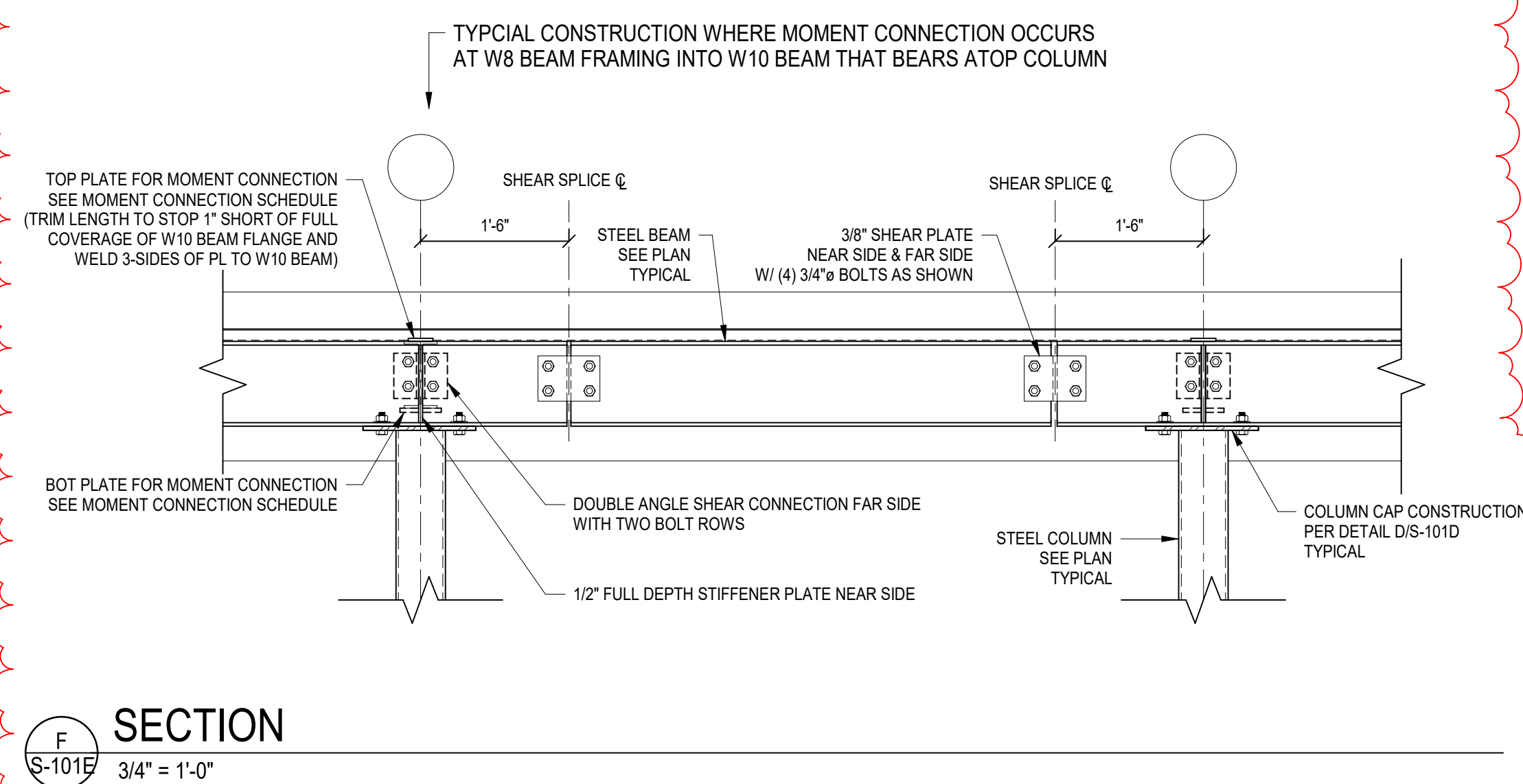
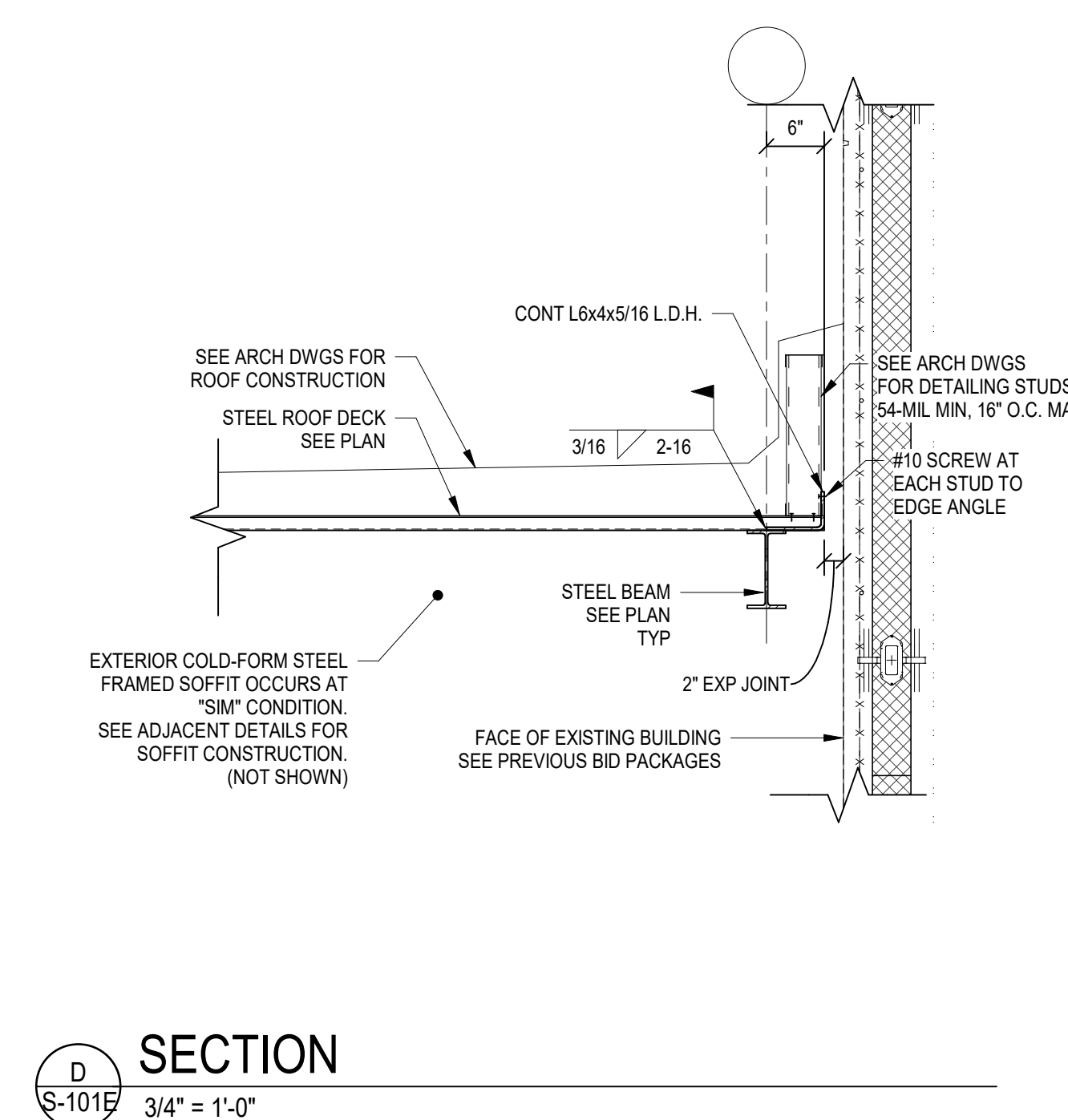
** --- DOWEL LENGTH SHALL BE STANDARD TENSION LAP LENGTH + 3'-0".

 TYPICAL
NOT TO SCALE

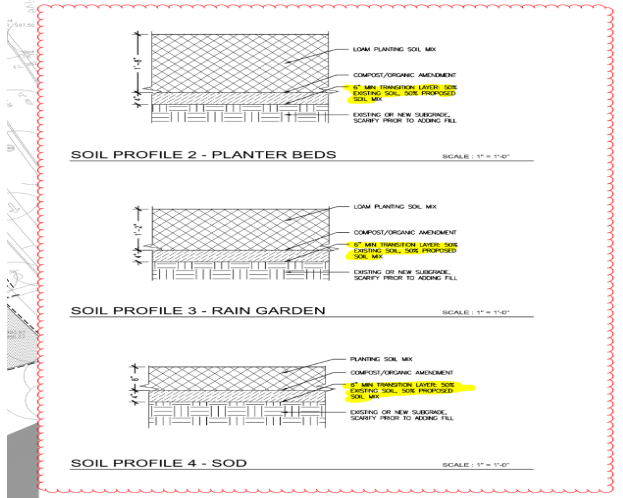


(S-1019) NOT TO SCALE





CCK-2564.0-18-25
Question and Response Log

#	Question	Response
1	<p>I was looking thru this bid and don't see any signage called out in the specs for this building. There are mentions of exterior signs on the building and the General Notes (see below) mention interior signs on page A-631, but this page isn't in the drawings.</p> <p style="text-align: center;">GENERAL NOTES - DOORS AND FRAMES</p> <p>A REFER TO WALL SECTIONS AND INTERIOR PARTITION TYPES FOR ADDITIONAL NOTES REGARDING TYPICAL WALL CONSTRUCTION.</p> <p>C ALL FIRE RATED DOORS SHALL BE CATEGORY "A" POSITIVE PRESSURE RATED COMPLYING WITH THE REQUIREMENTS OF UL 10C TESTING. ADDITIONAL INTUMESCENT SEALS SHALL NOT ACCEPTABLE.</p> <p>D PROVIDE CYLINDERS AND CORES FOR ALL DOOR HARDWARE CAPABLE OF BEING CHANGED AND KEYS TO THE OWNER'S MASTER KEYING SYSTEM.</p> <p>E ALL INTERIOR WOOD DOORS SHALL BE STAINED TO MATCH PL-01, U.N.O.</p> <p>F GROUT FULL NEW HOLLOW METAL DOOR FRAMES IN MASONRY WALL CONSTRUCTION.</p> <p>G SPOT GROUT NEW HOLLOW METAL DOOR FRAMES IN GYPSUM BOARD WALL CONSTRUCTION.</p> <p>H WHERE A FIRE RATING IS INDICATED ON THE DOOR SCHEDULE. HARDWARE AND DOOR ASSEMBLY COMPONENTS SHALL MEET THE REQUIREMENTS OF THAT LABEL.</p> <p>J AT DOORS WITH GLASS LITES, BOTTOM OF GLASS MUST BE NO HIGHER THAN 43" WHEN INSTALLED.</p> <p style="text-align: center;">GENERAL NOTES - SIGNAGE</p> <p>A ALL INTERIOR SIGNAGE (TEXT, BRAILLE, PICTOGRAMS, SIZES, ETC) SHALL CONFORM WITH ICC/ANSI A117.1 'ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES', CHAPTER 703.</p> <p>B ALL PERMANENT SIGNAGE TEXT TO BE VERIFIED WITH OWNER PRIOR TO FABRICATION.</p> <p>C REFER TO DRAWING A-631 FOR SIGNAGE SCHEDULE AND SIGNAGE TYPES SHOWN.</p> <p>D MOUNT ANY INTERIOR SIGNAGE ON LATCH SIDE OF DOOR.</p>	<p>Signage is not part of BP-07. The signage scope will be bid out in a future bid package.</p>
2	<p>I do not see any erosion control plans in the plan set but there is a drawing (SK-002) included elsewhere. Most, if not all of the work shown on this plan appears to be installed already and is likely maintained by other trades currently on site. Will TC-044 have any erosion control responsibilities during the completion of our scope of work? If so, please list them in detail.</p>	<p>Updated erosion control plan to be release in addendum. Erosion control responsibilities are listed in TC-044 scope of work.</p>
3	<p>According to there plans there are (2) Water Quality Units for the project. According to SK-003.2, both will be provided and installed by a previous package / trade contractor. Please confirm that NO water quality units are included in the current bid package.</p>	<p>Correct. Water quality units are provided by a previous bid package.</p>
4	<p>Will the surface asphalt be placed at same mobilization as the base asphalt?</p>	<p>Assume separate mobilization to place all surface asphalt at a later date.</p>
5	<p>Which trade is responsible for striping / pavement markings?</p>	<p>Striping and markings shall be provided by TC-044 Grading and Site Storm</p>
6	<p>In each of the details below, there is a 4" or 6" transition layer. Which trade contractor is responsible for this? Seems like it would be better for the TC-044 contractor to stop at the "existing or new subgrade" layer. Please advise.</p> 	<p>Transition layer shall be provided by TC-045.</p>

7	Can you please issue a CAD file that has the new topo contours as well as the proposed topo contours. If you will issue this CAD, please do it sooner rather than later since time is needed to work with the CAD file.	Cad files will not be released.
8	I do not see the sketch SK-006 is not part of addendum #1 or I can not locate it. Please advise.	See addendum #2 for SK-006.
9	Does TC-044 remove the existing University Drive sidewalk located immediately east of the site, where TC-046 subsequently installs new 10' sidewalk thereafter? Given the coordination required, it seems to us that TC-046 should remove the existing sidewalk located parallel with University Drive in a cadence relative to its replacement.	TC-044 to include all asphalt demo and TC-046 to include all sidewalk demo. See Addendum #3 for updated scope of work.
10	SK-005 provides a clear location for the South Patio earth retention system extension. Can this or another drawing be superimposed with the yet-to-be-constructed High Pressure Steam and Condensate piping to be installed south of the South Patio area? This additional information would be instrumental for determining any potential conflicts regarding earth retention system design.	See updated SK-005 in Addendum #3 to show general location of existing steam lines. Assume steam lines penetrate system at 4 locations. Provide temporary shoring/support for exposed steam lines inside retention system.
11	Will the existing south construction fence be relocated further south and if so, how far?	See updated SK-001 with new fence/gate layout.
12	It would be instrumental to develop a south gate reconfiguration plan allowing construction of the west elevation of the South Patio's earth retention system. As it stands currently, the earth retention system would be located approx. 6' from the west gate post of the south entrance, nearly against the existing 12" water main.	See updated SK-001 with new fence/gate layout.
13	There are several storm sewer runs specifically denoted as Ductile-Iron-Pipe. Elsewhere for the balance of storm sewer pipe material, may we presume that the piping material would otherwise be per spec: i.e.: PVC Cellular-Core pipe and in one location RCP? Basically wanting to confirm that DIP is not required anywhere other than its designated plan location.	Yes, DI is where specifically noted, anything not specifically DI or RCP is PVC per spec. DI is adjacent any steam lines.
14	Addendum #2 incorporated a topo of existing grade contours. It should be noted that existing grade elevations are now higher by virtue of imported crushed stone for roadway or laydown area usage since the earthwork began last year.	Topographic elevations shown on SK-006 were taken in June 2025.
15	Regarding the earthwork requirements for TC-044 with respect to follow-on landscaping by TC-045, we offer the following comments for design team review: i) Refer to plan sheet C900 for 4ea soil profiles: a) Profile 1 – Tree requiring a 42" section, b) Profile 2 – Planter Beds requiring a 24" section, c) Profile 3 – Rain Garden requiring 16" section, and d) Profile 4 – Sod requiring 12" section. ii) Regarding Profile 1 for trees, many newly planted trees would be completely or partially located in the basement's excavation backfill area and backfill is comprised of free-draining stone. A 36" root ball plus 6" of amended soil would require removal of some free draining stone backfill and my question is – with a 6" section of amended soil below the 36" root ball, is that enough earthen growing medium for extended tree growth? No doubt rain event water and irrigation can both quickly make its way to the subdrainage system below. iii) For Soil Profiles 2, 3, and 4, TC-044 would excavate to these sectional depths and then TC-045 takes over from that point forward with soil amendments and topsoil with associated finish grading. iv) Where soil mounds are indicated on the grading plans and in section per C1102 (predominantly along the east elevation), shouldn't it be the responsibility of TC-045 to construct the raised areas in unison with the hardscape TC-046 bid package? In other words and when translated literally, TC-044 provides subgrade mirroring finish grade but this effort has both TC-045 and TC-046 wallowing in the same footprint in this narrow strip of the site.	Stone to be brought to existing grades until time for planting. Crushed stone and crushed stone backfill to be removed to depth necessary per C900/C901 Soils Plan. All planting soil profiles to have a minimum of 12" new or existing subgrade layer below the necessary transition layer and planting soil layer.
16	For South Patio earth retention and excavation at the far east elevation, both will be inside the tree dripline.	See updated SK-001 with new fence/gate layout.
17	To what extent will Turner remove and/or relocate the construction fence and barricades for new construction, regardless of location?	See updated SK-001 with new fence/gate layout.
18	TC-044 is required to provide force main piping for Sump Manholes 8A & 8B. What diameter piping and who provides the pumps and electricity to those pumps?	The force main would be 2". TC-047 to provide sump pumps and power to those sump pumps in manholes 8A and 8B.
19	Item 6d. of TC-044 Scope of Work: what is meant by "multiple mobilizations to set storm drains after landscape and hardscapes are installed and at final grade"? The storm sewers would be installed first. Do you mean to set forth the periodic requirement to fine-tune the casting elevations because other trade contractors deviated from plan grades or dislodged the castings?	Include multiple mobilizations as noted to coordinate final elevations of structures with adjacent landscaping and hardscaping contractors.
20	Item 5b. of TC-044 Scope of Work: why cover milled areas with steel plates if the next order of business would be to follow with the asphalt overlay?	See updated TC-044 scope of work.
21	Please provide Attachment G (construction schedule).	See Addendum #3 for BP-07 Construction Schedule.
22	Will the conduits to the building and panel be existing for the tagged notes on EU211 or do we need to install new? Notes UE36, UE37, UE38, UE39, and UE40.	All conduits are to be included in this bid package, complete from vault to panelboard. Refer to addendum for sizing.
23	Are the conduits from the PPOA and PPOB panel for the site lighting going to be stubbed out during current construction or will we need to run a new raceway all the way to the panel?	TC-047 to run new raceways to panels as indicated.
24	There is a scope item (6-f) to remove temporary storm inverts. This does not make a lot of sense on its' own. Can you please clarify / explain this scope item?	Previous trade contractor will have installed temporary tie ins at these locations. TC-044 is to remove temporary tie ins and installed new permanent tie ins.
25	TC-046: Will 2% composite crew be required for this TC?	See updated General Requirements.
26	TC-046: Allowances in bid breakdown and scope differ, please clarify.	See Addendum #3 for TC-046 updated Allowances breakdown.

27	TC-046: Please describe sequence of work and/or phasing. Will the entire site be available at mob? Will work progress North-South, South-North? Dock, patio, hardscapes concurrently or by defined order?	The entire site will not be available at initial mobilization. Assume working multiple crews as necessary to meet project schedule as outlined in Attachment G.
28	TC-046: Area required for south patio work will extend near or to site gate/fence. Equipment, trucks for spoils, material laydown, concrete trucks, etc. will not allow sufficient space for egress as stated in scope #38.E. Please verify that TC-046 will have clear access to this area of the site for duration of install.	See updated SK-001 with new fence/gate layout.
29	TC-046: Please verify that trades previously bid will not require access to building at/through south patio during TC-046 work.	Previously bid trades will access the building at other locations.
30	TC-046: With partial removal of retention system scoped, can details, plans, or description of system be provided? Types/materials of piles, tie backs, lagging, etc. This will be necessary to determine means and methods for removal.	Retentions system consists of I-Beams, Wood Lagging, 15 tie backs, and 1" thick steel plates at the top of excavation. See SK-007 for as-built of retention system.
31	TC-046: Steam lines appear to run through the loading dock and in close proximity or conflict with south patio retention wall. Are these lines installed in the locations shown?	Yes, see updated SK-005 in Addendum #3 where existing steam lines are in relation to south patio retention system. Steam lines near loading dock should run below footings.
32	SK-003.2, C601, #12: Permeable paver manhole is highlighted as TC-046 scope. Is this supposed to be included in TC-044 scope with other manholes and site drainage? Is the pump carried by previous plumbing TC's, no details are provided? Is electric included in TC-047?	TC-046 is to include permeable paver manhole as well as force main piping as shown on C601 and as shown on updated SK 003. TC-047 is to include the pump and power to the permeable paver manhole.
33	Is TC-044 to provide loading dock trench drain assembly, including collar?	Yes. TC-044 to coordinate installation closely with TC-046 to ensure a properly functioning system.
34	Loading dock railing design differs between architectural and civil plans. Please define which design is to be bid.	Match Architectural drawings and specs.
35	Please confirm site walls which receive pre-cast panels will be grouted by TC during install.	Refer to elevations and details noted on drawings.
36	071326 Sheet Waterproofing substitution request to add Carlisle CCW (Henry) as approved manufacturer. CCW is listed as approved manufacturer for 071416 Cold Fluid-Applied Waterproofing.	This is acceptable.
37	075423 TPO Roofing: Scope states to match roofing installed on building. Please provide provide approved manufacturer.	Holcim Elevate Roofing
38	C-703, Engraved Concrete Pavers: Can more details on "engraving" be provided? Depth of engraving? Process to achieve desired appearance? Other specifics that could impact production?	3/16" sandblasting for paver names. Infill paint.
39	F/C-1100, Campus Standard Sidewalk: Doweling and reinforcement details are needed for Huguelet Dr. Detail G/C-1100 is noted to only apply to University Dr.	Provided in Addendum #3
40	TC-046 Scope 42.D: What type of concrete pavement should be included for the 1500sf to provide?	6" concrete pavement. See TC-046 updated scope of work in Addendum #3.
41	TC-046 Scope 49.B: Is TC-005 Arborist previously contracted to provide specific scope, inspections, or monitoring?	TC-005 is contracted to provide biweekly inspections of trees surrounding the site.
42	TC-046 Scope 52: Considering warranties, incidentals, and material cleaning processes of building facade are unknown to this TC have/will installing contractors for windows, facade, etc. been scoped to clean their own work? Considering the nature of this TC's scope of work, cleaning of own work is not outside the norm. Cleaning of building exterior (façade, windows, etc) creates liability and warranty concerns.	See updated TC-046 scope of work for updated cleaning requirements.
43	TC-046 Scope 52: If building cleaning is required, please provide details on access to perform work. Will roof tie-backs be installed for swing stages and equipment? Will an in-place window cleaning system be installed on this building? Is cleaning limited to a certain height from ground (25', 50', etc)? Are lifts permitted on hardscapes or will cleaning occur before?	See updated TC-046 scope of work for updated cleaning requirements.

GENERAL WORK REQUIREMENTS

A.	GENERAL
1.	In these contract documents the term "provide" shall be defined as meaning "furnish and install."
2.	All Trade Contractors shall provide full time supervision while its forces are working on this Project. The Trade Contractors' jobsite supervision shall be experienced in his trade and be capable and have authority to make decisions regarding costs, manpower, and schedule. The Trade Contractors shall obtain the approval of the Construction Manager of his job management personnel prior to their assignment to the Project. Trade Contractors' supervision and management personnel shall not be changed without prior approval of the Owner or Construction Manager.
3.	All contractors shall review the documents to understand what work is included in this Health Education Building Project. Ask specific questions with any clarifications needed.
4.	Work hour details for this Project's existing areas: a. Assume ALL work contained in this work scope that occurs in occupied areas/buildings shall be performed AFTER normal working hours (off shift work hours). b. Health Education Building construction area – 6:30am to 5:30 pm Monday to Friday. c. Special work hours and off shift hours will be determined for activities such as hoe ramming, drilling, sawcutting, shot pin installs, outages, etc. Assume hours for this work will be 8 am to 8 pm.
5.	Trade Contractors shall not order or consign materials for the project in the name of the Owner, Architect, or Turner. Turner Reserves the right to reject all such shipments received in this manner. Deliveries must be coordinated with the Construction Manager a minimum of (1) week prior to receipt on site. Any material deliveries without notice will be given access on an "as available" basis. Also reference Turner's standard subcontractor contract 36 article VI.
6.	Trade Contractors are responsible to protect and repair if damaged all adjacent properties and structures, including lawn, planting areas, hardscapes and trees as required to execute the work. Plan for protection of adjacent structures must be part of the overall plan submitted for approval prior to start of work. Trade Contractors will be responsible for immediately replacing/repairing any damage to existing utilities, existing structures, lawn and planting beds, and hardscapes in or outside of the building limits caused by the trade contractor's workforce.
7.	It is the responsibility of each Trade Contractor to make certain that all of its Work performed under the Construction Contract is in accordance with all applicable laws, statutes, ordinances, codes, and regulations. Trade Contractors shall give all notices and comply with all laws, ordinances, rules, regulations, and orders of any public authority with jurisdiction over the performance of the Work. Contractor shall promptly pay all fees, taxes, deposits, charges, penalties, or interest that may be claimed against or paid by Owner/Construction Manager due to any failure to comply with any such laws, statutes, ordinances, codes, or regulations (including those pertaining to permits, licenses, or notices). This shall include any and all professional engineering fees required. Refer to "Instruction to Bidders" of the Bid Manual for tax details. This project is taxable, all applicable taxes should be included in your bid.
8.	All Trade Contractors must employ the proper trades and provide composite crews if necessary to perform this Scope of Work and to avoid jurisdictional disputes.
9.	Each trade contractor is to provide their own drinking water .
10.	Contractors must be licensed as required by local, State, or Federal jurisdiction required for work of their respective trade in this project location. Contractors are to obtain any and all required licenses including a Contractor's license fee for doing business in the locale. Provide copies of the license to the Construction Manager.
11.	Upon request, Trade Contractors must provide the Construction Manager with field copies of latest referenced standards .
12.	The Contract Price shall be based on a normal forty (40) hour workweek unless otherwise specified i.e. first shift but may be staggered, Monday - Friday. All work to be performed for tie-ins to existing utilities/services shall be figured at a rate outside the normal (40) hour workweek. All tie-in work shall be scheduled with written approval and coordinated with Turner's Superintendent. Unless Turner's Project Superintendent issues written instruction/agreement otherwise, if a contractor works beyond the eight (8) hours per day, five (5) days per week normal work period, he shall bear all added costs. Trade Contractors shall notify Turner's Project Superintendent by 12:00 PM (noon) 2-days before the requested overtime to allow time to make proper arrangements. <u>Overhead and profit markup shall not be permitted on premium time costs or on shift work premiums (see General Conditions).</u>
13.	All Trade Contractors' superintendents and foremen are required to have cell phones compatible for reception in and around the project areas for daily contact. All Trade Contractors and their sub-contractors are required to have at least one (1) iPad each that will be used for review of electronic drawings and other project information as well as at least one (1) iPad each that will be used for electronic punchlists and project execution via Procore. These iPads are to be used on the construction site and shall be onsite at all times each company's workers are present for those worker's use. iPads shall have their own internet connectivity. Trade Contractors should not assume internet connectivity will be available on-site via Wi-Fi.
14.	The Trade Contractors must attend all required meetings as follows:

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	<p>a. The Weekly Work Plan meeting for overall job coordination. Attendance is mandatory for <u>all</u> Trade Contractor <u>superintendents and foreman</u>. All attendees must have the authority to make decisions and commitments.</p> <p>b. The Weekly Six Week Look Ahead Planning meeting for overall job coordination. Attendance is mandatory for all Trade Contractor <u>Project Managers</u>. All attendees must have the authority to make decisions and commitments.</p> <p>c. The Monthly Project Safety Meeting. Additional supplemental meetings will be held due to incidents, field safety violations, etc. by this or other trade contractors / tiered subcontractors.</p> <p>d. The Monthly Trade Review Meeting. The project manager, superintendent, and foreman for each crew/trade are required to be in attendance. These meetings are to discuss current schedule, issues, manpower, and address any other questions or concerns. These meetings will start in the same month as your start of work and will continue until determined otherwise by the construction manager.</p> <p>e. The Monthly Safety Committee Meeting. Each Trade Contractor will have the responsibility to provide an <u>individual</u> to attend the Monthly Safety Committee Meeting. This individual should be considered a competent employee that is able to represent the Trade Contractors' scope of work by having at least 5 years in the trade. The purpose of this meeting is to provide an opportunity to disseminate project safety related information and to receive the helpful feedback from the tradesmen in the field.</p> <p>f. The Daily Stand-Up meetings. Attendance is mandatory for all Trade Contractor <u>superintendents and/or foreman</u>.</p> <p>g. The Reverse Phase Schedule meetings (Pull Plan). Attendance is mandatory for all applicable Trade Contractors. Those trade contractor's <u>project managers and superintendents</u> are required to attend. These will be held at the Construction Manager's discretion.</p> <p>h. The Morning Stretch and Flex. <u>All persons</u> on the project must be in attendance to work that day. Anyone coming in after the stretch and flex has the potential to be removed from site.</p> <p>i. The Pre Task Plan (PTP) meeting. Each trade contractor is responsible for holding these meetings each day after the stretch and flex. The trade contractor's <u>superintendent and/or foreman</u> will be responsible for running this meeting. Each trade contractor is responsible to ensure their sub tier contractors participate in a PTP meeting for the day.</p> <p>j. The Utility Outage Planning meeting. <u>All superintendents and foreman</u> needing outages are required to attend this meeting.</p> <p>k. Separate mechanical and electrical coordination meetings will be held on the jobsite as often as required to facilitate progress of the work.</p> <p>l. Quality Assurance / Quality Control meeting (QA/QC): The construction manager intends to hold a once a month QA/QC meeting. This meeting may be selective with trade contractor <u>project managers, superintendents, and foreman</u> invites for focus on topic. The intent is to limit the meeting to one hour. The option of several meetings is possible with small groups on differing divisions of work. Trade contractors will be required to provide a specific quality control plan for said division of work. We can focus of QA/QC in the specifications, manufacturer's data, mock-up, sign-off sheets, applicable testing and jurisdiction authorities, inspections, deficiency list, special care and protection, peer reviews, sequencing of work and turnover, etc.</p> <p>m. The Job Hazard Analysis (JHA) meeting. This meeting will be before the start of the trade contractor's work. No work will start before this meeting. This meeting will require the trade contractor's <u>safety person, the project manager, the superintendent, and any foreman</u> that will be on that project. All JHAs will be complete prior to this meeting and sent in to Turner for review.</p> <p>n. The Pre-Start Work meeting. The purpose of this meeting is to review the drawings and specs with the trade contractor's <u>project manager, superintendent, and foreman</u> to ensure that the project will be completed according to specifications. Sub tier contractors (including material suppliers) may be required to attend. It will be the responsibility of the trade contractor to ensure the attendance of all required persons from any sub tier contractor needed.</p> <p>o. Any Meeting as required by the Owner, Architect, or Construction Manager</p>
15.	Each contractor will be responsible for the security of his own stored material, job office, conex box, gang box, equipment, tools, etc.
16.	Project signs or advertisements of any nature, including job offices shall not be installed on the jobsite or structure without preapproval of Construction Manager and the Owner. In general, identification lettering of company offices shall be six inches or less; location(s) still must be preapproved by the construction manager and the owner.

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17.	All Trade Contractors shall include work made necessary by field conditions that may not be shown in the Contract Documents, but that are apparent during an inspection of the construction site. Trade Contractors must familiarize themselves with the jobsite prior to starting work.
18.	All equipment is to be equipped with high efficiency, durable construction exhaust purifiers ("Scrubbers"). Each Trade Contractor is responsible for providing and maintaining (including filter changes) scrubbers for each piece of equipment.
19.	All trade contractors are to be responsible to ensure at the end of each day's work shift the building perimeter is secure and locked down and all of their respective employees are offsite.
20.	All construction crews on site are a minimum of two people. No single person crews allowed. This may consist of one ground person and one person in the air.
21.	A special effort is to be made to provide the necessary protection to keep oil (from lifts, equipment, etc.) off of all floor areas. The offending Trade Contractor will be responsible for any clean-up required due to inadequate protection.
22.	The University of Kentucky campus and medical campus are tobacco free. "Use of all tobacco products is prohibited in all owned, operated, leased or [health care] controlled university buildings, grounds, parking structures, enclosed bridges and walkways, sidewalks, parking lots and vehicles, as well as personal vehicles in these areas." "Tobacco includes cigarettes, pipes, snuff, chewing tobacco, e-cigarettes, etc." There are tobacco treatment centers such as the Local health departments (Fayette county Health Department 859-288-2327), 1-800-quit-now. For listings "go to the UKhealthcare.uky.edu to find a link to a statewide listing of tobacco programs.
23.	Contractor shall track their fuel and utility consumption for the duration of their contract. This information shall be turned over to the CM on a monthly basis. Any utilities used through the University will be paid via the special conditions.
24.	All contractors shall refer to Attachment N for the Subcontractor Onboarding Instructions . Contractors are encouraged to complete this process prior to bid opening, as it will expedite contracting with Turner.
25.	Any penetration through existing concrete/CMU walls or decks requires scanning prior to any core drilling activities.
B. SAFETY	
1.	All Trade Contractors must fully comply with the Construction Manager's corporate safety policy , comply with the Site Specific Safety Plan (included in this manual as attachment 'C'), and all federal, state, and local safety ordinances. The Trade Contractor must also submit a formal written project specific safety plan that is complimentary to the Construction Manager's Safety Plan. <ul style="list-style-type: none"> a. In addition, all Trade Contractors shall provide a competent safety person to monitor all aspects of the Trade Contractors' work in accordance with the Safety Plan. b. All workers must go through Safety Orientation prior to commencing work. Safety Orientations will be held Mondays and Wednesdays at 7:30 am (pending staggered shift(s)) in the Turner jobsite office. Special orientation times will be approved at the discretion of the construction manager. c. All Trade Contractor "Principals" are required to attend a monthly safety jobsite walkthrough at the Construction Manager's discretion. d. In order to work on this project, a negative drug test is required prior to starting work. For "Drug project testing requirements", refer to Turner safety program. e. All lifts used on the project site must have powered steering front wheels.
2.	All deliveries requiring a crane (excluding the tower cranes) will require an approved lifting plan per Turner's safety plan and must be approved by Turner and UK. A UK lifting plan must also be submitted to the construction manager to gain approval from UK. <u>Allow six (6) weeks minimum prior to the crane arriving onsite to gain these approvals.</u>
3.	It is the responsibility of the Trade Contractors to contact the local utility locating service and have all utilities located prior to mobilizing heavy equipment used for lifting or hoisting. The Trade Contractors should also contact the Owner (UK), through the Construction Manager, and have all UK owned utilities located as well.
4.	All plastic used on site must be fire retardant.
5.	Smaller floor openings: the respective trade providing opening will cover with reinforced secured plywood. Mark "hole" and maintain as required. Small opening metal deck cutouts will be by respective trade requiring opening; respective trade contractors will comply with OSHA requirements during and after alterations. Floor covers shall be constructed in such a manner to avoid any random kicking off, and elevated high enough to control lifts, etc. from running over them. These covers should be anchored to the concrete floor and painted orange. Note ALL sleeves" are elevated 1-1/2" above rough slab.
C. BONDS AND INSURANCE	
1.	PAYMENT AND PERFORMANCE BONDS The base bid should NOT include Payment and Performance Bonds . Provide, for reference, the additional cost to provide them on the trade contractors Bid Breakout sheet.

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2.	<p>CONTRACTOR CONTROLLED INSURANCE PROGRAM (CCIP)</p> <p>a. The project will incorporate a <u>Contractor Controlled Insurance Program (CCIP)</u> as described in the CCIP Manual included in the Project Manual. The Lump Sum Base Bid amount should not include on-site worker's compensation costs, commercial general liability, or excess liability costs for this work, in accordance with the CCIP Manual. Trade Contractors are responsible for & must provide evidence of automobile insurance and offsite general liability & worker's compensation. Trade Contractors must submit required forms on the website to be enrolled in the CCIP.</p> <p>i. Trade contractors will not be able to start any work on site until they are enrolled in the CCIP program. This process will take a minimum of two (2) weeks. Any delays caused by late submission shall be borne by the trade contractor responsible. This includes the cost for overtime and extra crews to maintain the project schedule.</p> <p>ii. All sub tier contractors will be required to enroll in the CCIP program.</p>
3.	<p>Builder's Risk Insurance is provided by the Construction Manager per the terms of the General Conditions Article 35.5. Unless otherwise provided for through agreement, the Trade Contractor experiencing any loss claimed under the builder's risk policy shall be responsible for that loss up to the amount of the deductible. Trade Contractor(s) may provide their own coverage for amounts up to the deductible. Refer to the General Conditions, Article 35.5 for deductible limits.</p>
D.	SITE LOGISTICS
1.	<p>Storage of bulk amounts of materials and equipment is restricted due to limited space on the jobsite and within the limitations of the staging area. This project will be utilizing "Just-in-Time" delivery and "Kit-of-Parts" prefabrication. Trade Contractors must schedule and cycle no more material than can be installed in-place within a 5 day or less period. Moving of materials stored inside the staging areas will be necessary and the Trade Contractors shall promptly respond to any request from the Construction Manager to move material. Trade Contractors shall include required costs for off-site storage and any additional handling of materials involved with offsite storage.</p> <p>a. All building materials (studs, conduit, pipe, forms, etc.) shall be stored on a sortable material cart with wheels. All contractors shall employ a "nothing hits the ground" mentality.</p> <p>b. Drywall cart storage for drywall must be either A frame or a drywall cart with outriggers. Stacking of drywall is not allowed.</p>
2.	<p>Access to/from the existing surrounding buildings (see SK-001) by the staff, students, public, delivery trucks, etc. is to be maintained at all times. Fire department access must also be maintained to the surrounding buildings during construction. It shall be the responsibility of the Trade Contractors to ensure that all road entrances, exits, fire lanes, building entrances, loading docks, etc. are not blocked by the progress of its work, its deliverymen or contractors in their employ. This is inclusive of providing temporary access and protection including, but not limited to temporary walks, overhead protection, barricades, signage, etc. Temporary provisions are to be in accordance with UK standards. This access and protection shall be to the satisfaction of the Construction Manager.</p>
3.	<p>The University Dr./Veterans Dr, entrance/exit (Gate 2) will be used as the main construction entrance/exit (see SK-001). Secondary entrances (Gate 6 and Gate 7) are also available for use after coordination with the Construction Manager and Yard Boss.</p> <p>a. UK student move-in is in August 2026. Assume extreme traffic congestion on all roads surrounding the project site. Contractors to coordinate with Turner and UK for all onsite work during this timeframe. Assume no road closures or blockages will be allowed. Assume increased travel durations for manpower and material. (ADD #3)</p>
4.	<p>Trade Contractors are to provide all street permits, bonds, police details, flagman, off-duty police, street/lane closure permits, traffic control, and barricades as required to complete the work. This includes deliveries of material. Roadways and driveways may not be blocked without prior approval. Furnish copies of all permits to the Construction Manager.</p>
5.	<p>This project is around existing University buildings. Utilities or services, including pavement to the Owner's facilities (and surrounding facilities) must be protected and maintained 100% of the time when possible (as determined by the Owner, Consultant, or Construction Manager). All costs associated with the work required to maintain service shall be the responsibility of the Trade Contractor performing the associated work. The Trade Contractor(s) are responsible to immediately repair any utility damaged or disrupted during the course of its work whether the utility be known or unknown. If the utility is unknown, the Trade Contractor(s) making the repair will be compensated for the work. If the utility is known, the Trade Contractor(s) is responsible and liable for any and all costs of repairs. Failure to immediately repair damaged utilities per the requirements of the utility Owner will result in the work being performed by others at the Trade Contractor's expense. Repair work shall begin immediately and be continuous (24/7) until the service is restored. All costs associated with this work to repair known utilities are the responsibility of the Trade Contractor. If unknown utilities are discovered, they must be reported to the Construction Manager in writing who will in turn investigate with the assistance of the Engineer and Owner.</p>
6.	<p>USE OF PREMISES</p> <p>a. PARKING & TRANSPORTATION:</p> <p>i. Contractor parking is <u>NOT</u> permitted on the job site or on the University of Kentucky Campus.</p>

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	<ul style="list-style-type: none"> ii. Turner cannot guarantee that UK will issue passes to any lots on the University campus. Parking is at the discretion of the bidding contractor. iii. No parking is permitted in the Whitney Hendrickson Parking Lot or in any UK Parking Structures. iv. Any and all parking permitting costs or parking violations shall be borne by the Trade Contractors. v. Contractors will be able to park in the trailer lot as shown on SK-001. Parking passes will be given out on an as needed basis. Contractor can assume 4 passes per prime contractor in this lot, one for their foreman and the other for their shuttle bus. <p>b. CAMPUS:</p> <ul style="list-style-type: none"> i. Trade Contractors are expressly forbidden to enter existing campus buildings (excluding Dimock) except for specific construction purposes. Restrooms, drinking fountains, vending machines, gift shop and food service areas are NOT for Trade Contractor use unless otherwise directed by the Construction Manager. ii. Trade Contractor communications with University Staff, Faculty and students is strictly forbidden. iii. "Catcalling" or otherwise harassing University Staff, Faculty, Students, or the general public is strictly forbidden. Noncompliance with this provision is grounds for immediate dismissal from the jobsite. Additionally, the tradesperson and Trade Contractor may be subject to legal action.
7.	All contractors shall review delivery access routes and include any temporary removal/relocation of existing items (AHU platform rails, stairs, etc.) to transport their materials and equipment.
8.	Temporary facilities (toilets) for this project will be located on or near the project site (See SK-001). Trade contractors are not permitted to use the active university building toilets.
9.	All contractors shall assume all breaks including lunch shall be taken at the Project Break Area (location shown on SK-001). Taking break and lunch at work areas on project site will not be permitted.
10.	Office and storage trailer(s) will not be permitted onsite due to site limitations. Trade Contractors will be allotted space for one (1) 40'x10' conex box or trailer in the Trailer Lot for storage and/or office space (see SK-001). Stacking of conex boxes is allowed, but must be approved by Turner. Each perspective TC will be responsible for ALL utilities required at conex box. Break area for workers will be located in the Dimock Building (see SK-001).
11.	<p>Two tower cranes will be provided for use by the contractors.</p> <ul style="list-style-type: none"> a. Tower Crane hours of operation will be from 7:00 AM and 5:00 PM. <ul style="list-style-type: none"> i. During Architectural Precast (TC-001) and Curtain Wall (TC-002) overlapping work, (1) one tower crane will be available from 7:00 AM – 8:30 PM. TC-002 (Curtain Wall Contractor) will have crane time from 7:00 AM to 12:00 PM. TC-001 (Architectural Precast) will have crane time from 12:30 PM to 8:30 PM. ii. If a contractor needs to use the crane outside of these hours, they will be responsible to pay for the operator costs. b. Priority for Tower Crane usage: <ul style="list-style-type: none"> i. Steel Erection/Precast Shafts ii. Architectural Precast iii. Curtain Wall/Metal Panels iv. All other trades
12.	Fuel storage on site is NOT allowed and fueling procedures must comply with applicable regulations, Project Safety Plan and receive the Construction Managers approval. No gasoline or diesel powered equipment will be operated inside enclosed building areas. There will be no fuel storage permitted inside the building.
13.	All foreman/site lead will be required to carry an Apple AirTag when crews are on site. This will allow Turner to know all crews have left the project safely at the end of the day, and the site has been vacated. These AirTags will be purchased by each trade and are to remain with the project at the end of their respective scope. Every subcontractor's crew leader will be required to have an AirTag while they are working on the project. These air tags shall be purchased through Apple with specific engraving requirements determined by Turner. The costs for these air tags are \$29.00 each with a lead time of 1 week.
E.	MEANS AND METHODS
1.	All Trade Contractors must provide all necessary fasteners, supports, and attachments for the installation of their own work. Trade Contractors must submit to the Construction Manager for approval by the A/E, the means and methods in which they plan on attaching hanger/supports to decks.
2.	Trade Contractors are responsible to survey and inspect all substrate work performed by others prior to starting its own work. Any and all discrepancies, out of tolerance work, or otherwise unacceptable work must be reported the Construction Manager in writing prior to the start of work. The start of work indicates acceptance of the substrate material.

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3.	Each Trade Contractors acknowledges that his Work must be coordinated with the work of other trades and further agrees to coordinate his shop drawings, details, and submittals with those of other trades to ensure proper installation of all materials in accordance with the Project Schedule.
4.	Each Trade Contractor shall protect his own Work and materials adjacent to his work until accepted by the Architect, Engineer, Construction Manager and the Owner. Trade Contractors shall be responsible for replacing, repairing, or the expense to repair, any damage caused by the performance of their Contract Work. In the event damages occur to existing work and is unidentifiable to a specific trade, all repairs and replacement costs will be distributed equally to all trades working in that area.
5.	Each Trade Contractors, upon notice, shall correct all deficiencies in a timely manner before proceeding with the next sequence of Work. Trade Contractors shall be financially liable for any delays to the Project or other contractors due to their deficiencies or the untimely correction of their deficiencies.
6.	Each Trade Contractor requiring temporary protection, temporary heating, and/or temporary cooling to complete its work in accordance with the Plans, Specifications and Project Schedule is required to provide the protection, heating, and/or cooling.
7.	Each Trade Contractor is required to provide its own temporary power (generators tentatively not applicable) and lighting if additional is needed beyond the temporary power onsite. All trades are responsible to provide their own power for welders. This includes and wiring, tie-ins, or devices to run their welders. They are not permitted to be run on the temporary power provided for the work of this bid package(s). At no time shall the noise generated by generators be overwhelming or disruptive to University operations. Generators shall be placed to minimize noise and exhaust impacts.
8.	While working on-site, Trade Contractors shall fill out Construction Manager's Daily Construction Report (DCR) form & labor utilization form. These forms are to be delivered to the jobsite (Turner Superintendent interacting with Trade Contractor) office by no later than 10:00 am the following business day. Failure to perform this duty shall result in delay of payment until all reports have been received. The daily report may be available via electronic format for completion of same.
9.	<p>CLEAN UP</p> <ul style="list-style-type: none"> a. Trade Contractors are responsible to perform clean up on a continuous basis. This cleaning shall at no time be less than once per day. Each and every work area must have all trash, debris & scrap removed and properly disposed of, all materials neatly stacked and the floor broom swept on a daily basis. Each Trade Contractor is required to maintain sufficient brooms, shovels, and sweeping compound on site to keep his work area clean. If daily cleanup and rubbish removal are not performed to the satisfaction of the Construction Manager or the Owner, cleanup and rubbish removal will be performed by others and all costs will be backcharged to the at fault Trade Contractor's contract. Cleanup operations shall not 'wait' until end of the week. Trade Contractors will include all costs for daily cleanup in the contract price. b. At no time shall the streets, building, or areas that surround the work be in a disorderly or dirty condition. c. All private and public paved roadways, parking areas, service roads, etc., are to be kept free of mud, debris, etc., resulting from equipment or vehicles performing the work under their respective Trade Contract, in compliance with local city Ordinances. All Trade Contractors are responsible to include in their contract price dust and mud control, traffic control and roadway cleaning. All Trade Contractors are responsible to clean streets of any debris or spillage of any material as a result of the performance of their work as directed by the Construction Manager. Scraping streets 'clean' with a backhoe or "skid steer" is not acceptable debris control. All street cleaning conducted must be swept clean in addition to scraping up of large debris. All paved areas are to be kept "broom clean" at all times. Failure to do so may result in serious fines imposed on each violating Trade Contractor. Any charges directed at the Construction Manager by others, due to the fact that this procedure is not being implemented, will be backcharged to the offending Trade Contractor. Dust control measures shall be provided by all trade contractors as necessary for their work. d. Burning of trash is NOT permitted. e. Dumpsters will be provided for general construction debris ONLY in accordance with scopes of work and these general requirements. Locations for construction debris will be coordinated with the Construction Manager. <u>All crating materials must be disassembled and/or flattened prior to placement in dumpsters.</u> All demolished items must be removed in dumpsters or trucks provided by the contractor removing the items. Any materials that require special care and/or disposal shall remain the contractor's obligation to dispose of. f. Trash receptacles will be furnished for trash & refuse throughout the building and site as outlined in the specific scopes of work and these general requirements. These receptacles are not for construction debris, packing materials, cartons, pallets, scrap, etc. g. It is the responsibility of the Trade Contractors to coordinate the clean-up effort, including removal of non-identifiable items such as lunch wrappers, cans, plastic bottles, etc. h. All Trade Contractors are required to perform a final cleaning of its work and the jobsite.

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	i. It is each Trade Contractor's responsibility to place refuse and debris resulting from their direct operations in the refuse containers ("Mobile trash carts/cans") and emptied into the site dumpster by that contractor.
10.	INSPECTIONS <ol style="list-style-type: none"> The Trade Contractors shall coordinate, in a timely manner, all city, county, state, or other inspections as required for the completion of its Work in accordance with the Project Schedule. The Trade Contractors understand that multiple inspections (i.e. in-wall, above ceiling, etc.) may be required per area to maintain project schedule. The Trade Contractors shall schedule these inspections in a timely manner with no added cost to the Construction Manager or owner. The Trade Contractors shall cooperate with and include the costs of all labor and materials required to assist the Owner's testing/inspection agency with inspections and gathering of samples and assistance in access to the specific locations of tests/inspections, and demonstrations. Initial costs for testing laboratory shall be by others if so noted in documents. Costs for re-test due to noncompliance shall be borne by the offending Trade Contractor. A minimum of 24 hour notice must be given to the testing agency for testing required during normal working hours. If testing is required on weekends, 48 hour notice is required. Coordinate with the Owner's Testing/Inspection Agency as required by the specifications. The Trade Contractors will cooperate with and demonstrate system operation and safety compliance with the local building and fire inspectors as needed and required for building occupancy. All associated costs, inclusive of after-hours inspections, are the responsibility of the Trade Contractor installing the system. TC-030 Plumbing and TC-031 Mechanical contractor shall furnish and maintain three (3) new mobile, one cubic yard, covered trash carts each for outages and testing. This cart shall be painted blue and clearly labeled "OUTAGE CART" in white letters. This cart shall only be used for water type outages or draining for testing. No trash removal with this cart is allowed.
11.	All contractors are to understand that this is a LEED certified project. Contractors are to make themselves familiar with the requirements laid out in the specifications and follow those requirements.
12.	Contractors are to verify layout provided by others. Where this subcontractor is performing work using layout provided by others, this subcontractor shall perform sufficient verification of that layout to reasonably ascertain the validity of that layout. Any deficiencies (or suspected deficiencies found) shall be reported to Turner immediately to allow corrections as needed before start of work by this subcontractor. Contractor shall not use any permanent marking (Sharpie, spray paint, etc.) on the concrete slabs.
13.	Contractors shall NOT be permitted to mark concrete substrates with permanent markers and/or spray paint.
F.	SCHEDULE
1.	This project will utilize a LEAN scheduling approach to fully-develop this project's scheduling details (See Attachment I). All contractors will be required to participate in reverse-phase, pull-planning scheduling sessions to develop and schedule the construction work. PMs, superintendents, and foreman will be required to participate in these sessions. Participants are expected to come prepared with work scopes broken down into components knowing their scope details, manpower requirements, and expected durations.
2.	This project will utilize the Last Planner System which provide the planning, management, and control tools necessary to efficiently manage the project schedule. In addition to the pull-planning and make ready planning, all contractors will be required to submit a Weekly Work Plan (WWP) weekly to be reviewed by the CM against the schedule as well as participate in daily 15-minute Production Planning Huddles.
G.	DOCUMENT CONTROL
1.	All Trade Contractors will comply with all requirements of the Contract Documents as to Contract Close-Out , including, but not limited to, Operation and Maintenance data, system training, and project record documents. O&M Manuals , training schedules and preliminary as-built drawings are due to the CM prior to 70% trade contractor complete progress billing. The Trade Contractor will be required to submit a form that certifies that all systems, equipment, firestopping comments and incorporated products furnished by the Trade Contractor are complete and operational for the purpose for which the system or product were intended. Each Trade Contractor is responsible to video all start up and training. This video must be of "professional quality" (no cell phone videos) and submitted to the Construction Manager in proper format as part of the Contract Closeout Documents.
2.	All Trade Contractors shall maintain, at the site of the Work, as-built drawings , which will be updated on a weekly basis showing actual installation and all changes in the Work. These drawings will be legibly identified as "Record Documents", with changes noted in a legible, concise and explanatory manner in <u>red ink</u> . The Record Documents are subject to review by the Construction Manager on a weekly basis. Any contractor not keeping a current record of the changes made to its Work on the Record Documents will be subject to having Progress Payments withheld until all changes are brought current to the satisfaction of the Construction Manager. Final As-Built Record Documents must be submitted to the Construction Manager in electronic format. As-built drawings and photos shall be reviewed by the Construction Manager prior to covering the work.

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3.	Each Trade Contractor shall submit a submittal schedule to The Construction Manager within 10 days of Contract award. Submittal submission must begin within 15 days of Contract award or sooner if required to maintain the Project Schedule. Schedule shall include material lead times. Please note that all submittals/samples must be sent to Turner Construction's jobsite office for review. Include the costs for any postage required. Submittals will be in accordance with the Special Conditions Article 8.
4.	PROJECT MANAGEMENT SOFTWARE (eComm) <ol style="list-style-type: none"> All Trade Contractors will be required to have an Internet connection, a working email address (checked daily) and utilize eComm, the University of Kentucky's web based project management system. All Trade Contractors will be required to utilize eComm as required by the University and the Construction Manager. This shall include, but not be limited to: RFI's, daily communication, submittal tracking, etc. Communication forwarded via eComm will be binding as if sent via traditional methods. ALL Trade Contractors will be required to submit initial and ALL "later" approved submittals and shop drawings as a scanned electronic file for eComm. Exceptions will be at the Construction Manager's and Owner's discretion. The file format will be at the discretion of the Owner and the Construction Manager. If a Trade Contractor fails to comply with this provision, they will be responsible for all costs incurred by the Construction Manager to have said drawings and submittals scanned. Refer to Special Conditions for additional detail. Reference General Conditions for number of "copies".
5.	<p>Contractor change order requests shall be provided with sufficient detail (as acceptable to Turner) to allow for satisfactory review within 7 days of receiving the scope. Contractor shall be allowed a maximum mark up for overhead and profit per the markup provisions included in the Subcontract Agreement, or as clarified in Contract Documents.</p> <ol style="list-style-type: none"> All Change Order Requests, Time & Material Tags, and Pricing Submissions will be in electronic format and shall be submitted to Turner using the <u>Clearstory</u> project management system. Clearstory is no cost to Subcontractors and will help the project team collaborate on change orders, pricing requests, and T&M tags.
6.	<p>All Applications for Payment and all supporting documents (including but not limited to lien waivers, sworn statements, and the like) for Subcontractor and its sub-subcontractors and suppliers, shall be in electronic format and shall be submitted to Contractor using the <u>Textura-CPM™</u> payment management system. Subcontractor shall be responsible for the fees and costs owed associated with Subcontractor's use of the Textura-CPM™ payment management system. Subcontractor shall include a similar provision in its sub-subcontracts and purchase orders. Fees to Subcontractors are calculated as 0.22% (22 basis points) of contract value, with a minimum fee of \$50 and a maximum fee of \$5,000. Fees to Subcontractors' sub-subcontractors and suppliers are a fixed fee of \$100 per sub-subcontractor or supplier contract.</p> <ol style="list-style-type: none"> Retainage Conditions shall be in accordance with the "Fairness in Construction Act" of 2007. Namely, Retainage for all Subcontractors shall be 10% until both the Project and the Subcontractor achieves 50% completion. At that point, retainage for all Subcontractors in good standing shall be reduced to 5% of Total Contract Value. Turner Accelerated Payment Program - The attached KENTUCKY Rider - Accelerated Payment Program amends and supplements your Agreement with Turner and provides you the opportunity to enroll in the Program through Textura CPM and receive accelerated payments from Turner on your invoices. Formal enrollment into the Program can then be accomplished via the Textura CPM system. Additional information and Program benefits are included in the attached Turner Accelerated Payment Program summary. You may be contacted by a representative from Turner or Textura who can provide additional information on the Program and answer questions you may have or you may call Textura at 1-866-TEXTURA (839-8872) with any questions.
H.	SITE SPECIFIC
1.	TC-034 Interior General Trades is to provide & maintain, one-hundred and twenty (120 ea) 20# fire extinguishers with free standing stands placed throughout the site in accordance with Turner Construction and OSHA standards for the duration of their contract. Provide initial certification upon delivery and re-certification as needed.
2.	TC-034 Interior General Trades will furnish (repair or replace when necessary) twenty (20) (minimum 55 gallon Rubbermaid drum) trash cans and maintain forty (40) trash cans provided by others. These will be for miscellaneous trash (not construction materials) from the commencement of the project. Trash cans to remain at the project after completion of this contract or when no longer required as dictated by the CM.
3.	TC-034 Interior General Trades contractor will furnish (repair or replace when necessary) Twenty (20) new, mobile, one cubic yard, covered trash carts and maintain thirty (30) trash carts provided by others. Carts to be Global Industrial™ Extra Heavy Duty Plastic Tilt Truck, 1 Cu. Yd. Cap, 2100 Lbs. Cap, Gray model WB242096 or equal as approved by the CM. Trash carts should be equipped with a lid or some form of covering. Trash carts to remain at the project after completion of this contract or when no longer required as dictated by the CM.
4.	TC-034 Interior General Trades shall provide two (2) 30-yd dumpsters at all times and all required quantity of "pulls" for general construction debris for the duration of their contract. Note: these dumpsters are intended to be used for general construction debris ONLY, not debris associated with excavation activities. Dumpsters for excavation activities will be provided and maintained by others.

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	<p>a. All Contractors to follow specification section 01 7419.01 (COMPLETE). Please note the requirements to sort debris for the purpose of recycling. In addition to the (2) general debris dumpsters, TC-034 Interior General Trades shall provide (2) dumpsters for the purposes of recycling per the site LEED requirements. Include all required pulls for 65 weeks.</p> <p>b. TC-034 Interior General Trades shall provide custom dumpster covers similar to ALCO Roll Off Container Covers for all dumpsters provided. Contractor shall include covering dumpsters whenever they are not in use and uncovering when they need to be used.</p> <p>c. Location of dumpsters to be coordinated with CM. Dumpsters to be emptied on a consistent and regular basis to support the construction operations. Contractor shall include relocating the dumpsters as needed to facilitate construction activities.</p> <p>d. If any contractor will be generating any concrete, asphalt, or CMU waste, that contractor is responsible for providing a dedicated recycling dumpster for that material. Each contractor shall provide receipts, weight tickets, and manifests indicating receipt and acceptance of recyclable waste by recycling and processing facilities.</p>
5.	<p>TC-034 Interior General Trades to provide an all-terrain telehandler (Lull/JLG) for use by all trades for the duration of their contract. The Lull will be used for material deliveries, trash removal, site fence maintenance, and other miscellaneous site activities as needed. In the event of Lull downtime there will be no compensation resulting from equipment failure. Lull basis of design is a 10,000lb rated machine.</p> <p>a. TC-034 Interior General Trades to maintain a (1) self-dumping 4-cu. yd. hopper to be used for trash provided by others. Hopper to remain at project site at conclusion of this contract. Contractor to include all maintenance needed so there is no downtime.</p> <p>b. TC-034 Interior General Trades is responsible for maintenance and all fuel for the Lull for the duration of their scope of work.</p>
6.	<p>TC-034 Interior General Trades shall provide a full time Yard Boss/Operator [(5) 10-hour work days/week = 50 hrs./wk. 40 straight time hours and 10 over time hours] for the 68 weeks. This person will be responsible for tasks including but not limited to the following: opening and closing the site gates daily, scheduling and coordinating deliveries, operating the Lull for deliveries and trash removal, operating street sweeper, etc. This person shall have a minimum of 10 years of construction experience and possess all applicable equipment certifications (all-terrain lift, scissor lift, boom lift, street sweeper, etc).</p>
7.	<p>TC-034 Interior General Trades to maintain Temporary Construction work as noted below and as shown on the project drawings & Site Logistics plans:</p> <p>a. TC-034 Interior General Trades to maintain, rework, remove, and relocate at the direction of the Construction Manager 8' chain link construction fence provided by others (per UK standards) for the perimeter of all construction areas, trailer areas, and laydown areas as shown on Site Logistics Plans. Include costs to maintain all fencing, gates, locking material 24/7 for duration of this contract. Fence to be a combination of jersey barriers and driven posts. Maintain safety signage at 20' o.c. max intervals on fence as directed by Construction Manager. Provide a 24/7 on-call representative for immediate response to emergency corrections/maintenance as needed. The site fencing will remain after the completion of this contract, removed by others at a later date, and turned over to the owner. TC-032 Electrical Interiors contractor to provide maintenance on temp fence lighting installed by TC-009 for the duration of their contract.</p> <p>i. Maintain all automatic rolling gate closer devices with keypad access.</p> <p>ii. Include necessary hours and equipment to modify/move fence panels/jersey barriers as needed.</p> <p>iii. For water-filled jersey barriers, include filling with water and maintaining water levels required for safety. Treat water for winter usage when necessary. Include replacement of damaged barriers as needed.</p> <p>iv. Maintain fence screening for entire perimeter of fence.</p> <p>v. This contractor shall maintain deck system installed around trailer and restroom complex in the laydown area.</p> <p>b. TC-034 Interior General Trades to maintain and remove when directed a sidewalk canopy scaffold system for overhead protection of the sidewalk adjacent to fence along University Drive from Huguelet Drive to the Behavioral Science Building. Maintain a clear height of 8' throughout. Scaffold shall be properly secured to prevent uplift and overturn.</p> <p>i. Maintain and replace lights/bulbs in the canopy system as needed. Lights to never be down for more than an 8 hour period.</p> <p>c. TC-034 Interior General Trades to inspect fence and overhead protection daily and repair deficiencies as needed. Maintain log of inspections. Submit log to Construction Manager once per week.</p> <p>d. TC-034 Interior General Trades is responsible for opening and securing the site at the end of the day. This includes all gates.</p>

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	<p>e. TC-034 Interior General Trades is responsible for maintenance of concrete walk and stairs in front of the Dimock building (see SK-001)</p> <p>f. TC-034 Interior General Trades shall maintain and remove when no longer needed plywood protection over the windows on the east side of Dimock installed by others.</p>
8.	TC-034 Interior General Trades is responsible for all grass cutting and weed eating inside the site limits and the Trailer and Laydown Yards as well as both sides of the fence line twice per month for the duration of their contract.
9.	<p>TC-019 Site General Trades shall provide a full-time on-site street sweeper (skid steer with forks, bucket, and broom attachment). Provide street cleaning as necessary, with a minimum of twice daily for the duration of this contract. Provide power sweeping and scrubbing of all paved areas, sidewalks, etc. soiled as a result of the work inside and outside of project site limits to the satisfaction of the Construction Manager. This Trade Contractor must clean all adjacent streets and maintain as if there were no construction site in the area. Huguelet Drive, University Drive, Veterans Drive any other impacted streets must be swept daily for the duration of this contract. Street must be immediately swept and cleaned if there is excessive tracking as determined by the Construction Manager. Any and all costs associated with street cleaning, inclusive of permits and fines will be the responsibility of this Trade Contract. In the event of sweeper downtime there will be no compensation resulting from equipment failure.</p> <p>a. TC-034 Interior General Trades shall provide a skid steer with bucket and broom attachment for street sweeping through Q2 2025.</p>
10.	<p>TC-034 Interior General Trades contractor to provide twice per week cleaning services for the CM offices located inside the Dimock Building (Approximately 2,000 SF) as well as the Office and Restroom Trailer Complex located to the east of University Flats (Approximately 4,000 SF) for 68 weeks. This shall be completed by a contractor that specializes in cleaning and is approved by the CM. Cleaning shall include, but is not limited to sweeping and mopping floors, taking out trash, restocking paper supplies in the restrooms, cleaning plumbing fixtures, furnish paper supplies for restrooms, replacing trash can liners, wiping down surfaces, etc. This cleaning shall be completed outside of working hours.</p> <p>a. Provide and maintain boot scrubbers at entrances to CM offices at both the Dimock Building and Office Trailer.</p> <p>b. Provide cleaning as needed along travel path from the entrance of the Dimock Building to the CM Office (at minimum twice/day).</p>
11.	<p>TC-034 Interior General Trades contractor will maintain and demobilize when no longer needed as directed by the CM the Project Break Area for 65 weeks. Assume Project Break Area is 2000 sqft. This includes, but is not limited to:</p> <p>a. This contractor to include professional cleaning (mopping floors, wiping down tables, wiping of chairs, cleaning of microwaves, cleaning of refrigerators, trash removal, replacing of can liners, cleaning of walk off mats, etc.) minimum 3 times weekly by a competent cleaning company to be approved by the CM. This shall be complete after working hours</p> <p>b. This contractor shall include a deep clean/scrubbing of the Project Break Area once per month for the 65 week duration. Assume this is done on weekends outside of work hours.</p> <p>c. 80 tables and 320 folding chairs, including set up and tear down</p> <p>d. 4 refrigerators</p> <p>e. 10 microwaves</p> <p>f. Ice maker</p> <p>g. Include two relocations of this area</p>
12.	<p>TC-013 Site Plumbing has provided temporary exterior water and should coordinate the final location(s) on the site with CM. TC-030 Interior Plumbing shall maintain and remove temporary exterior water when no longer required as dictated by the CM.</p> <p>a. TC-013 Site Plumbing has provided two (2) spigots that are protected from equipment and freeze-protected.</p> <p>b. TC-013 Site Plumbing has provided two (2) heated temporary hand washing stations similar to PolyJohn PSW3-2000. Electrical connection by others. Coordinate with CM on final locations.</p> <p>i. TC-032 Electrical Interiors Contractor to disconnect electrical when no longer required as dictated by the CM.</p> <p>c. TC-030 Interior Plumbing is to provide temporary interior water and should coordinate final location(s) on the site with the CM. This contractor shall assume that the temporary feed will be from either the temporary fire service or the domestic water main and may switch from one to the other.</p> <p>i. Assume one water spigot and slop sink with faucet per floor. Assume temporary tie in to the sanitary system and removal when directed by the CM.</p> <p>ii. Assume all maintenance including all unclogging as needed.</p> <p>d. TC-030 Interior Plumbing is to provide an exterior water spigot at the Trailer complex near the bathroom trailer. Assume tying into existing trailer water lines. Final location to be coordinated with CM.</p>
13.	TC-015 Foundations Contractor has included (3) stationary scaffold stair towers from basement level to top of foundation wall along with (3) scaffold walkways with scaffold guard rail protection that span from the stationary scaffold stair tower to over lagging wall for use by all trades. This trade contractor is to relocate these stair towers and walkways as needed for their work or as directed by the CM. This contractor is to inspect all stair towers and walkways prior to beginning of work each day. These will be removed at the end of their contract.

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14.	<p>Temporary facilities (toilets) for this project will be located on or near the project site. Trade contractors are <u>NOT</u> permitted to use the active university building toilets.</p> <ul style="list-style-type: none"> a. TC-019 Site General Trades contractor is to provide and leave at project site at the conclusion of this contract Restroom Pods as approved by the CM. TC-034 shall include providing and leave at project site at the conclusion of this contract ten (10) Restroom Pods as approved by the CM. Assume these to be VannGo Portable High Rise restrooms. <ul style="list-style-type: none"> i. Assume pods are self-contained with flush tank and non-potable tank. Pods will require transport from building decks to service trucks at ground level. Provide means of hoisting pods with use of project tower cranes. ii. TC-019 Site General Trades to provide (3) "Port-O-Lets" for 39 weeks to be used in the event of restroom trailer failure. These are to be locked at all times and only used when failure occurs. These are to be located next to the portable restroom trailer. iii. TC-034 Interior General Trades to provide a fan, mirror, toilet seat cover dispenser, paper towel dispenser, and soap dispenser for each pod. iv. TC-034 Interior General Trades to provide a painted plywood enclosure around each bank of restroom pods. v. Assume the following grouping and placement of restroom pods: <ul style="list-style-type: none"> 1. Level 3 – (3) 2. Level 5 – (3) 3. Level 7 – (3) 4. Level 9 – (1) b. TC-034 Interior General Trades contractor will maintain the Restroom Trailer and Restroom Pods provided by the previous contractors and the Temporary Restrooms (detailed in items H.20 and H.21 below). The Restroom Trailer and Restroom Pods are to remain at the end of the project. TC-034 Interior General Trades is to include the relocation of each of the Restroom Trailer and Restroom Pods to a location to be coordinated with the CM within a 10 mile radius of the project. Maintenance shall include: <ul style="list-style-type: none"> i. Professional cleaning (minimum 3 times weekly by a competent cleaning company to be approved by the CM) after working hours. ii. Restocking of soap and paper products. iii. Pumping and unclogging of obstructions. iv. Removal of trash and relining of cans v. Maintaining holding tanks. vi. Relocating as needed per Construction Manager's direction. vii. Completing and logging restroom inspections 3 times daily and submitting to the CM. viii. Restroom pods to be serviced a minimum of twice weekly. This includes transportation of pod out of building via buckhoist. c. TC-032 Electrical Contractor to provide temporary electric for restroom pods including but not limited to: <ul style="list-style-type: none"> i. Power for hot water, fans, and wall heaters ii. Restroom pod lighting
15.	<p>TC-034 Interior General Trades Contractor will be responsible for all dewatering and/or snow removal required for the duration of their contract. This would apply to areas outside of the project site that are to be used for "staging", material stocking, and other deliveries. This would also apply to the offsite parking, any stair towers, trailer yards, laydown yards, project walkways, etc.</p> <ul style="list-style-type: none"> a. This contractor shall provide a six (6) 55 gallon "wet/dry shop vac" on wheels and a 20 gallon, walk behind, battery powered, floor scrubber/vacuum. These are to be used in the event of water on or general cleaning of the slabs. b. Provide and maintain six (6) mobile, one cubic yard, covered, trash carts for water spills only. These to be stored with the wet/dry shop vacs c. Paint all items white with blue lettering denoting "SPILL KIT" d. Provide signage for spill kit area and location. Signage will be maintained and moved throughout the entirety of this project. e. Provide and maintain two brooms, two squeegees, two 25lb bags of Floor-Dry, and two 10 foot sand snakes at each spill kit f. Provide and maintain a 100' heavy duty construction grade extension cord with a separate GFCI pig tail at each spill kit
16.	<p>TC-034 General Trades to provide Vertical Transportation for the project.</p> <ul style="list-style-type: none"> a. TC-019 Site General Trades has provided a double barrel Buck Hoist with two operators for 45 weeks. TC-034 Interior General Trades shall take over the rental of this hoist at the completion of TC-019 Site General Trades' contract. Assume rental and operators for each hoist for a duration of 25 weeks. Contractor to contact Ben Stroube (513.353.1181/ben.stroube@amscaf.com) with American Scaffold for rental and buck hoist information. Assume that the operators will be working 5 (10) hour days a week. Operators are to be trained in

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	<p>the use of this hoist. At no time shall this contractor allow these hoist to not be operational due to failure to produce an operator.</p> <ol style="list-style-type: none"> i. Contact American Scaffold for dimensions and capacity ratings. Inside height of buckhoist shall be no less than 8 foot. ii. TC-019 Site General Trades shall design and install buck hoist foundation. TC-034 Site General Trades shall remove when no longer needed. iii. TC-019 Site General Trades shall include one jump of the buck hoist for vertical erection. iv. The buck hoist installation shall precede the installation of concrete on each floor. TC-019 Site General Trades shall include all work necessary to allow each car to stop and be used at each floor prior to concrete being placed. v. TC-019 Site General Trades shall include all material and labor needed for each car to stop at every floor. Contractor shall include rework of existing cable rail and installation of fall protection from the buck hoist stop to the guard rail installed. This includes installing custom plywood "wings" from edge of buck hoist at each floor stop. vi. TC-019 Site General Trades shall include a weatherproof vestibule at each floor to enclose both buck hoist stops. Assume that each shall be a plywood structure with a set of 4'x8' double doors with self closing hinges. Assume each structure to go from floor to deck, is 20' wide, and 10' deep. Contractor to install a call station at each floor for each car. TC-034 Interior General Trades shall include the maintenance and removal of these vestibules when no longer required at the direction of the CM. vii. TC-034 Interior General Trades shall include all maintenance as need on this buck hoist system including 24/7 response if failure occurs during their rental period. Assume that maintenance shall be coordinated with onsite work and will be performed outside of working hours. This contractor understands that time is of the essence in the repair of the hoist if failure occurs and shall do all in its power to complete the repairs quickly. This includes, but is not limited to: paying of expediting of materials, working off hours, working weekends (including Sundays), managing and supervising the repair work, etc. viii. TC-034 Interior General Trades shall include complete removal of buck hoist system. This contractor shall provide own crane as needed for this removal. ix. TC-019 Site General Trades has provided a Receiving Dock to be built around the buck hoist (See SK-001). This dock has been built to a height able to receive truck deliveries without a lift gate and made out of pressure treated wood. Assume dock to be 1,600 sqft. TC-034 Interior General Trades shall include all maintenance and removal of this dock when no longer required at the direction of the CM for the duration of their rental period. <ol style="list-style-type: none"> 1. This dock includes a fall protection railing around the entire perimeter. TC-019 Site General Trades to include eight (8) 6' wide removable openings for receiving deliveries and dumping trash. 2. TC-034 Interior General Trades to include all safety requirements for the maintenance and removal of the buck hoist near this dock. 3. TC-019 Site General Trades to Include 2 sets of stairs from the dock to the ground. 4. TC-034 Interior General Trades to include complete removal and reinstallation of the Receiving Dock to assist in the north tower crane demobilization. Coordinate this timing with the CM. TC-034 to understand that time is of the essence in the reinstallation of the Receiving Dock. Provide all premium time as needed. x. TC-019 Site General Trades to make final power connections for buck hoist. TC-032 Electrical Interiors Contractor is responsible for the demo of these connections back to their source. Coordinate the removal with TC-034 Interior General Trades. b. TC-019 Site General Trades shall provide three Scaffold Stair towers at locations to be coordinated with CM. Contractor shall assume rental of each stair for 20 weeks. <ol style="list-style-type: none"> i. Contractor to assume these stairs are to be installed from the Basement through the top of each respective area of the building. ii. Contractor to assume that these will follow the installation of the metal deck installation for that area. Stair shall be elevated to the deck within two weeks of the decking being placed on each respective floor and area. iii. Contractor to assume that each stair tower will need to be removed floor by floor in coordination with the permanent stair installations to never lose stair access to a floor. c. TC-034 Interior General Trades shall provide One Exterior Scaffold Stair tower at location to be coordinated with CM. Contractor shall include installation, rental, and removal of stair for 15 weeks. <ol style="list-style-type: none"> i. Contractor to assume this stair to be installed from Grade through Ninth floor. d. TC-019 Site General Trades shall provide a Transport Platform from 1st floor to basement to be placed in the south "Garden Area" of the building (see SK-001) for the duration of their contract. Contractor to provide BetaMax Max Climber 4000 or equal. <ol style="list-style-type: none"> i. Contractor shall include all work needed to provide a fully functioning transport platform. This includes, but is not limited to, foundations, safety equipment, electrical connections, design, fees, permits, inspections, etc.
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	<ul style="list-style-type: none"> ii. This contractor shall include all maintenance as need on this buck hoist system including 24/7 response if failure occurs. Assume that maintenance shall be coordinated with onsite work and will be performed outside of working hours. e. TC-019 Site General Trades shall provide two Loading Platforms to be installed and moved as need to assist in construction. Contractor shall provide Preston Deck SuperDeck 3.2 or similar with approval by the CM. Contractor shall assume rental for 30 weeks f. TC-019 Site General Trades shall provide Temporary Infill for Permanent Pan Stairs. <ul style="list-style-type: none"> i. Contractor to assume that infill will be 2"x10" pressure treated wood cut to the full width of the stair. No foam will be allowed. Contractor shall install the wood so that no slippage occurs during use. ii. Contractor to assume that each stair will need to be infilled floor by floor in coordination with the permanent stair installations to never lose stair access to a floor. iii. Contractor shall coordinate the removal of temporary infill with the permanent stair infill installation by the SOMD contractor.
17.	<p>All contractors and their sub tiers are to provide 2% of their total labor force hours to a consolidated clean up crew. Participation in this effort does not relieve the contractor of their daily clean up duties.</p> <ul style="list-style-type: none"> a. TC-034 Interior General Trades shall provide a Clean Up Crew Foreman for [(5) 10-hour work days/week = 50 hrs./wk. 40 straight time hours and 10 over time hours] for 60 weeks. This person shall have no other responsibilities than managing this crew. This person shall be efficient in the scheduling and managing of manpower. b. Every contractor will be given notice of the day they are required to supply manpower to this crew. On that contractor's scheduled day, they will supply a worker to the clean up crew foreman by 7:30a with a broom and shovel. This worker shall take break and lunch for the day with this crew. Inability to supply a worker for the day and/or a broom or shovel shall result in a worker or material being provided for you and back charged to the offending contractor.
18.	<p>TC-027 Electrical Riser Contractor shall provide temporary power for the building as outlined below. TC-027 Electrical Riser Contractor shall assume the maintenance of this system until the end of overhead rough in on each respective floor (see Attachment G). TC-032 Electrical Interiors Contractor shall assume maintenance of this system after overhead rough in is complete on each respective floor. TC-032 Electrical Interiors Contractor shall include the removal of this system when no longer required as dictated by the CM. The temporary electrical work shall conform to most recent National Electrical Code, OSHA; Federal, State and Local Codes, etc. having jurisdiction over this work.</p> <ul style="list-style-type: none"> a. TC-009 Site Electrical contractor has provided 2 ea. 1000 Amp/480 V Exterior Distribution Panelboards from Existing 12 kV Service Connections provided by others with conduit stopping within 5 feet of the building. TC-027 Electrical Riser Contractor shall provide all work required to run power into the building for temporary electric service including, but not limited to breakers, feeders, conduit, grounding, sleeves as required for a complete and operational system. See SK-003 for general locations of 400 Amp/480V panels. <ul style="list-style-type: none"> i. TC-027 Electrical Riser Contractor shall coordinate shutdown for installation on off hours as to not impact construction utilities. ii. TC-032 Electrical Interiors Contractor shall include the removal of exterior temporary power systems installed by TC-009 Site Electrical Contractor b. TC-027 Electrical Riser Contractor shall provide three (3) ea. 400 Amp/480V Panelboards fed from Existing Distribution Boards and used to feed to 25kVA/480/230/120 Skids. Place Panel boards in locations coordinated with CM. See SK-003 for general locations of 400 Amp Panel boards. c. TC-027 Electrical Riser Contractor shall provide a minimum of twenty four (24) 25 kVA Mobile Power Skids for the building. Assume 2 skids per floor including the roof with additional skids to be installed at the direction of the CM. Skids to be fabricated offsite. Contractor to submit design of skid to CM for approval prior to fabrication. TC-032 Electrical Interiors Contractor shall include relocation of these skids as needed and/or directed by the CM for the progress of the project. Each skid to include: <ul style="list-style-type: none"> i. 200 Amp 230/120 Panel ii. 25 kVA 480/230/120 Transformer iii. Skid on wheels with Grounding Buss iv. Feed Cables from Main 400A Panelboard to each Skid v. Sleeves in Decks near Electrical Rooms for riser cables in addition to the permanent power sleeves vi. Sleeves in Walls as needed for the routing of the wire. This includes sleeves in walls built after the installation of the temporary electric. vii. Connection Ground to Building Steel at each skid viii. 1 ea. 480V Twist Lock receptacle for welders ix. 10 ea. 120V/ 20Amp GFCI receptacles x. LED Lighting Circuits for adjacent area temp lights with disconnects. d. TC-027 Electrical Riser Contractor shall provide all hooks and support wire to string wire throughout the project initially. TC-032 Electrical Interiors Contractor shall provide any additional hooks needed for any modifications

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	<p>made to the system. All power to have non-current carrying guards. All hooks should be non-current carrying similar to Carnie Locking Quickhooks. Assume one hook every ten (10) feet.</p> <ul style="list-style-type: none"> e. All temporary power wire will initially be installed at a height that permits rolling scaffold/scissor lift to move easily and without obstruction around the site. Enough slack shall be left in the installing method to drop below ceiling height in each area as the project commences. f. Grounding shall comply with applicable codes relating to permanent and construction work. This shall include ground fault protection, using ground circuit interrupters. g. TC-027 Electrical Riser Contractor to provide temporary power design to be reviewed and approved by the EEOR prior to fabrication. TC-032 Electrical Interiors Contractor shall update this plan throughout their maintenance of this system. h. TC-032 Electrical Interiors Contractor shall provide all maintenance needed for the temporary power system including what has been installed previously. This contractor shall coordinate maintenance on off hours as to not impact construction activities. i. TC-032 Electrical Interiors Contractor shall provide all material and labor needed to install S hooks for general cord usage. Assume S hooks to be Carnie Locking Quickhooks. Provide 500 hooks. Include removal of these and 500 Carnie Locking Quickhooks install by TC-019. These hooks to be turned over to the CM after they are removed.
19.	<p>TC-027 Electrical Riser Contractor shall provide temporary lighting for the building as outlined below. This contractor shall assume the maintenance of this system until the end of overhead rough in on each respective floor (see Attachment G for duration). TC-032 Electrical Interiors Contractor shall assume maintenance of this system after overhead rough in is complete on each respective floor. TC-032 Electrical Interiors Contractor shall include the removal of this system when no longer required as dictated by the CM. The temporary electrical work shall conform to most recent National Electrical Code, OSHA; Federal, State and Local Codes, etc. having jurisdiction over this work.</p> <ul style="list-style-type: none"> a. TC-027 Electrical Riser Contractor shall provide general LED light strings for a minimum of 10-foot candle coverage for temporary lighting for all floors, stairwells, and temporary stair towers. Stair lights and lights in other critical egress areas are to be installed on circuits separate from the General Lighting circuits and will be energized at all times. Provide circuit breaker locks for those breakers. Ten percent of the temporary lights shall remain on 24 hours a day for security purposes, 24 hour illumination is also required at stairs and egress areas on each floor, and all other lighting shall be shut down by means of timers after work for the day is complete. i. TC-032 Electrical Interiors Contractor shall include modifying the temporary lighting to accommodate the construction progress. Any dark areas created to due construction progress shall be illuminated immediately. Each room shall have one unobstructed light. b. All temporary light fixtures will initially be installed at a height that permits rolling scaffold/scissor lift to move easily and without obstruction around the site. Enough slack shall be left in the installing method to drop below ceiling height in each area as the project commences. c. All lighting to have non-current carrying guards. Each light strand shall be hung from non-current carrying hooks similar to Carnie Locking Quickhooks. Assume one hook every 10 linear feet of light strand. TC-032 Electrical Interiors Contractor shall provide new hooks for the modified lighting strands as needed, as well as, relocating the existing hooks for the rework and maintenance of the system. d. Should lighting circuits have to be relocated during construction this shall be done at no addition cost to the Owner or Turner. Lights will be added as areas are developed with no interruption to schedule be it electrical or others. e. TC-032 Electrical Interiors Contractor shall include maintenance of all Temporary Lighting on a daily basis, permitting not more than 10% of the lighting in a given area to be non-operating at any one time. It should be noted that maintenance of "construction lighting" should be for the duration of this contract and done on off hours as to not impact construction activities. f. TC-032 Electrical Interiors Contractor shall be required to move temporary wiring from time to time as directed by the Construction Manager. If temporary wiring interferes with other construction work this Trade Contractor shall remove and relocate as necessary. g. TC-032 Electrical Interiors Contractor shall provide all maintenance needed for the temporary lighting system including what has been installed previously. This contractor shall coordinate maintenance on off hours as to not impact construction activities. h. TC-032 Electrical Contractor shall provide Temporary Electrical Services for Elevators. <ul style="list-style-type: none"> i. Provide Temp Power to 10 Elevator Pits for False Cars. Furnish, install, and remove as directed temp power to 10 locations at elevator lobbies near each elevator pit a 30A/230V/1ph Fused Disconnect with a Twist Lock Receptacle. ii. Provide Temp Lighting at each Elevator Pit, each Elevator Machine Room and at the top of each Elevator Hoistway. Furnish, install and remove as directed work lighting at each location as directed by CM. iii. Provide Temp Power to Elevator Platforms for car installations. Furnish, install and remove as directed temp power to 7 each temporary services at elevator machine rooms (or Elevator Lobby) as designated on SK-003.3 and directed by CM and Elevator Contractor. Provide 40A/480/3ph service and Fused Disconnect at each of the 7 locations noted; Room 1017, Room 916, and Room 765, or adjacent elevator lobby.

PROJECT GENERAL REQUIREMENTS

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	<ul style="list-style-type: none"> iv. Provide 3 each 110V receptacle at each elevator pit lobby. Furnish, install and remove as directed receptacles in a location adjacent to the elevator pits; Room 019, Room 000, and Room 000D v. Contractor to review project schedule for timing of installations and removal of temporary works. Coordinate all installations with CM and Elevator Contractor. All Cables and/or Conduits to be mounted and routed to maintain working pathways for personnel and lifts. Coordinate locations with planned top of wall drywall installations and early trade above ceiling installations.
20.	<p>Contractors shall provide two (2) temporary restrooms on the Basement area as outlined below. Contractors are to assume that these restrooms are to be built out of sequence with the rest of the work in the area.</p> <ul style="list-style-type: none"> a. TC-026 Plumbing Riser Contractor shall provide (13) toilets, (4) urinals, (8) restroom sinks, (2) hand washing stations, (2) electric water heaters, (4) electric exhaust fans. b. TC-026 Plumbing Riser Contractor shall provide all new sanitary, vent, and domestic water piping to these fixtures including any rework needed for these systems to function. c. TC-026 Plumbing Riser Contractor to include any permitting and fees needed to use these restrooms in a temporary basis. d. TC-026 Plumbing Riser Contractor shall maintain these restrooms for the duration of their contract. This includes, but is not limited to scoping sanitary lines, cleaning lines of clogs, maintaining equipment as specified, etc. e. TC-027 Electrical Riser Contractor to run power to all temp exhaust fans and temp water heaters within temp restrooms. f. TC-027 Electrical Riser Contractor to include provide (6) 2'x4' LED Lights for temporary restroom with a switch for each restroom. g. TC-029 Drywall and Ceilings Contractor shall include all layout and framing for the temporary restrooms. <ul style="list-style-type: none"> i. Assume these to be rooms 014A, B, C, and D in Area B. The intent is to install these in the place of the permanent restrooms. ii. Assume the installation of temporary drywall and 8' tall plastic laminate wall covering on the interior of each respective restroom. h. TC-034 Interior General Trades to include: <ul style="list-style-type: none"> i. Temporary counters and storage. ii. One (1) Temporary Mirror in each respective restroom iii. Temporary HM frames, HM doors, and typical hardware for each doorway shown. iv. Temporary plywood stall enclosures including latching doors with full plastic laminate covering. v. Temporary restroom accessories. <ul style="list-style-type: none"> 1. (1) Toilet paper holder per stall 2. (3) Paper towel dispensers 3. (3) Soap dispensers i. TC-032 Electrical Interiors Contractor shall include installing security cameras near each of these entrances. Include running power off the temporary power system. j. All BP-05 Contractors to include demolition, removal, and rework as necessary (associated with their individual scope of work) for the permanent restroom installation. <ul style="list-style-type: none"> i. This includes the removal of the drywall and replacement of tile backer board
21.	<p>Contractors shall provide two (2) temporary restrooms on each the 2nd, 4th, 6th, and 8th floors as outlined below. Contractors are to assume that these restrooms are to be built out of sequence with the rest of the work in the area.</p> <ul style="list-style-type: none"> a. TC-030 Plumbing Interiors Contractor shall provide (5) toilets, (3) urinals, (4) restroom sinks, (2) hand washing stations, (2) electric water heaters, (2) electric exhaust fans. b. TC-030 Plumbing Interiors Contractor to provide labor and material to gain approval for use of permanent SW&V and DW stacks for temporary toilets. c. TC-030 Plumbing Interiors Contractor shall provide all new sanitary, vent, and domestic water piping to these fixtures including any rework needed for these systems to function. d. TC-030 Plumbing Interiors Contractor to include any permitting and fees needed to use these restrooms in a temporary basis. e. TC-030 Plumbing Interiors Contractor shall maintain these restrooms for the duration of their contract. This includes, but is not limited to scoping sanitary lines, cleaning lines of clogs, maintaining equipment as specified, etc. f. TC-032 Electrical Interiors Contractor to run power to all temporary exhaust fans and temporary water heaters within all temporary restrooms. g. TC-032 Electrical Interiors Contractor to provide (6) 2'x4' LED Lights for each temporary restroom with a switch for each individual restroom. h. TC-029 Drywall and Ceilings Contractor shall include all layout and framing for the temporary restrooms <ul style="list-style-type: none"> i. Assume these to be rooms 14A, B, C, and D in Area B on each respective floor. The intent is to install these in the place of the permanent restrooms. ii. Assume the installation of temporary drywall and 8' tall plastic laminate wall covering on the interior of each respective restroom.

PROJECT GENERAL REQUIREMENTS

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	<p>i. TC-034 Interior General Trades to include:</p> <ul style="list-style-type: none"> i. Temporary counters and storage ii. One (1) Temporary Mirror in each respective restroom iii. Temporary HM frames, HM doors, and typical hardware for each doorway shown. iv. Temporary plywood stall enclosures including latching doors with full plastic laminate covering. v. Temporary restroom accessories. <ul style="list-style-type: none"> 1. (1) Toilet paper holder per stall 2. (3) Paper towel dispensers 3. (3) Soap dispensers <p>j. TC-032 Electrical Interiors Contractor shall include installing security cameras near each of these entrances. Include running power off the temporary power system.</p> <p>k. All BP-05 Contractors to include demolition, removal, and rework as necessary (associated with their individual scope of work) for the permanent restroom installation.</p> <ul style="list-style-type: none"> i. This includes the removal of the drywall and replacement of tile backer board
22.	<p>TC-034 Interior General Trades contractor to provide, maintain, and remove each when directed by the CM Entry/Exit Vestibules. Contractor is to assume these to be at Basement 000D, 1st floor 100F, 1st floor 100D1, and 1st Floor 100B.</p> <ul style="list-style-type: none"> a. Assume that each vestibule shall be a plywood structure with a set of 4'x8' double doors both exterior and interior with self closing hinges. b. Assume each structure to go from floor to deck and is in place of the walls shown in these vestibules. c. This contractor shall include temporary doors at openings ST-B1-A and ST-B1-B.
23.	<p>TC-034 Interior General Trades contractor to provide, maintain, and remove each when directed by the CM fifty (50) 24" barrel fans and extension cords. Contractor to assume these will be placed throughout the building and periodically need to be relocated at discretion of CM.</p>
24.	<p>TC-034 Interior General Trades contractor to provide, maintain, and remove Temporary Shoring System for the existing communications duct bank to remain, as shown on logistics plan SK-001.1. This contractor shall maintain rental of shoring system for 3 months. Contractor to contact Ben Stroube (513.353.1181/ben.stroube@amscaf.com) with American Scaffold for rental information</p> <p>Assume shoring system to be 115' long x 4' wide x 11'6" high with w8x10 beams 3' on center to support 3,000lbs per linear feet. Shoring to be composed of Waco high load shoring frames and adjustable screw jacks.</p> <ul style="list-style-type: none"> a. Contractor to provide 3rd party stamped drawings for shoring b. Contractor to provide suitable base for shoring bearing to support all intended loads c. Contractor to provide all inspections for shoring
25.	<p>TC-034 Interior General Trades shall provide (3) walking platforms "cat walk" from Earth retention wall to North tower crane metal enclosure wall, from exterior of building to interior on north side, and from exterior of building to interior on south side. Platforms shall include the following criteria.</p> <ul style="list-style-type: none"> a. Platforms need to free span approximately 12'. b. Walk platforms shall have a top st, mid rail, and toe board in compliance with Turner Safety policy. c. Provide ladder access, at end of walk plank, approx. 6' in height to access tower crane platform. Job-built ladder is not acceptable. d. Provide 16' tall plywood enclosure and lockable door at walk plank to access tower crane. e. After backfill by others between lagging wall and tower crane wall, remove and re-work walk plank to span 4' from grade to the tower crane. Ladder 6' in height to remain. f. Include complete removal of each system. Timing to coordinate with CM.
26.	<p>TC-034 Interior General Trades shall provide (6) job-built stairs. Assume maximum change in elevation to be 4'. Locations to be coordinated with CM.</p>

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-044 Grading and Site Storm

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

INVITATION TO BID: **CCK-2564.0-18-26**
BID OPENING DATE: **August 12th, 2025**
TIME 3:00 P.M. E.D.T.

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-18-26** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

CITY STATE ZIP CODE FAX _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|-----------------------------------------|-----------------------------------------------------|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) SMALL BUSINESS: A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) LARGE BUSINESS: A business concern that exceeds the small business size code standards established by SBA.
- (03) DISADVANTAGED SMALL BUSINESS: A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) DISADVANTAGED LARGE BUSINESS: A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) WOMAN-OWNED SMALL BUSINESS: A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) WOMAN-OWNED LARGE BUSINESS: A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS: A concern that meets the definition of both (03) and (05) above.
- (08) DISADVANTAGED, WOMAN OWNED LARGE BUSINESS: A concern that meets the definition of both (04) and (06) above.
- (09) OTHER: A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price
Off-Site Borrow Fill	CY	
6" Ductile Iron Pipe	LF	
8" Ductile Iron Pipe	LF	
10" Ductile Iron Pipe	LF	
12" Ductile Iron Pipe	LF	
15" Ductile Iron Pipe	LF	
18" Ductile Iron Pipe	LF	
6" PVC Pipe	LF	
8" PVC Pipe	LF	
10" PVC Pipe	LF	
12" PVC Pipe	LF	
15" PVC Pipe	LF	
18" PVC Pipe	LF	
24" RCP	LF	
Concrete Curb	LF	
DGA	CY	
Asphalt	CY	

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
6	General Work Requirements					\$
7	Site Storm Installation					\$
8	Excavation / Grading					\$
9	Site Clearing					\$
10	Asphalt					\$
11	Concrete					\$
12	Overhead & Profit					\$
Please list and break down below any work that has not been listed above						
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$5,000
2	Additional Hydro Vacuum Allowance					\$20,000
3	Additional Rough Grading Allowance					\$20,000
4	Storm Pipe Tie in Coordination Allowance					\$10,000

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-07 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment N – Turner Subcontractor Onboarding j. Attachment O – UK HEB Enhancing Worker Experience Plan
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – BP-07 Site Storm Installation Plan d. SK-004 – Estimated Rock Surface e. SK-005 – Retention System Layout f. SK-006 – Site Topo Survey (ADD #1) g. SK-007 – Existing Retention System As Built (ADD #3)
6.	Specifications
	The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below. <ul style="list-style-type: none"> a. 31 1000 – Site Clearing (Partial) (ADD #3) b. 31 2000 – Earth Moving c. 31 2001 – SWPPP d. 32 1216 – Asphalt Paving e. 32 1313 – Concrete Paving (Partial) f. 33 4100 – Storm Utility Drainage Piping
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

C.	SPECIFIC SCOPE ITEMS
1	<p>This contractor shall provide Site Clearing (COMPLETE) (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 1000.</p> <ul style="list-style-type: none"> a. This contractor shall include demolition and removal of all asphalt surfaces, stone underlayment, trees, and plantings shown on the Civil Drawings. (ADD #3) b. This contractor shall include complete removal of asphalt road and stone to Dimock shown on SK-001. Following removal of stone, regrade area to match existing adjacent grade. (ADD #3). c. Concrete sidewalk removal will be provided by TC-046 Hardscapes & Loading Dock Contractor. (ADD #3)
2	<p>This contractor shall provide Earth Moving (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 2000.</p> <ul style="list-style-type: none"> a. This trade contractor shall provide rough grading within +/-0.10' of subgrade for all site pavements, walkways, and landscape areas. b. All topsoil will be provided by TC-045 Landscape contractor. c. Provide all haul off of spoils required. There will be no on-site stockpiling of spoils. d. This trade contractor is to backfill north and south tower crane foundations once they are removed and cut off shoring 3' below grade. Assume this is a separate early mobilization for this work. <ul style="list-style-type: none"> i. Assume North Tower Crane backfill 30' W x 30' L x 20' D. ii. Assume South Tower Crane backfill 28' W x 28' L x 5' D.
3	<p>This contractor shall provide Stormwater Pollution Prevention Plan (SWPPP) (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 2001.</p> <ul style="list-style-type: none"> a. Provide new silt fence as shown on SK-002. This trade contractor is to install, maintain, and remove this new silt fence. All other BMPs are maintained by others. b. This trade contractor to provide inlet protection for all new and existing inlets.
	<p>This contractor shall provide Concrete Paving (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 1313.</p> <ul style="list-style-type: none"> a. This trade contractor to provide all concrete curbs including flush curbs shown in the contract documents.
5	<p>This contractor shall provide Asphalt Paving (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 1216.</p> <ul style="list-style-type: none"> a. Provide all asphalt paving shown on civil drawings including all subgrade preparation, paving base, full depth asphalt pavement, milling and overlay. b. This trade contractor to provide road plates to cover all asphalt areas after milled or removed. (ADD #3) c. Provide all UK Standard asphalt striping and markings. d. Include an additional 3,000 20,000 sf of asphalt milling and paving above and beyond base scope of work to be used at CM's discretion. (ADD #3) e. This trade contractor is to assume that all work for Whitney Hendrickson Parking Lot and along Veterans, Huguelet and University Dr needs to be from 7:00 pm to 5:00 am including weekends. (ADD #3) f. This contractor is to provide temporary fencing for any activities outside the construction fence. (ADD #3). g. Include separate mobilizations to place all top-coat asphalt. (ADD #3)
6	<p>This contractor shall provide Storm Utility Drainage Piping (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 33 4100.</p> <ul style="list-style-type: none"> a. See SK-003, all highlighted areas indicate storm structures and piping to be provided by this trade contractor. All non-highlighted areas were provided by previous contractor. b. This trade contractor is to provide the force main piping to the new yard drains from the sump pumps in Foundation Manholes 8A and 8B. c. This trade contractor to assume multiple mobilizations to install the new storm pipe near the south patio area due to close proximity of new retention system, and existing water lines d. This trade contractor to assume multiple mobilizations to set storm drains after landscape and hardscapes are installed and are at final grade.

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

	<p>e. This trade contractor needs to take into consideration that there are steam, chilled water, utility structures, and other utility lines located on the North and NE sides of the building and need to make sure to excavate around these lines with caution and follow Turner's safety Policy on Excavations around utilities.</p> <p>f. This trade contractor is to remove temporary storm pipe tie ins at building inverts shown on notes A, B, C, and D on pages C600 and C601 prior to installing new storm tie ins at building inverts.</p> <p>g. This trade contractor is to include camera all storm lines.</p>
7	<p>Provide all hauling and/or dumpsters required for this scope of work as needed.</p> <p>a. See section 01 7419 Construction Waste Management and Disposal for additional information.</p> <p>b. Assume all concrete wash out and demolished concrete and asphalt to be collected and recycled in accordance with the site Waste Management Plan. Provide weight tickets and other documentation as outlined in Specification 017419.</p>
8	<p>This contractor shall adhere to all University of Kentucky Tree Protection Standards.</p> <p>a. Provide any tree root pruning required for installation of this trade contractor's scope of work.</p> <p>b. Consult with TC-005 Arborist Contractor prior to performing any work around trees.</p>
9	<p>This trade contractor shall verify all elevations of structures and piping during and after installation. Provide as-built drawings generated by a licensed surveyor documenting X, Y, Z coordinates of structures, invert elevations of all pipe and elevations of bottom of structures / castings.</p>

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Topsoil
3.	Concrete Sidewalks

E.	ALLOWANCES
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>
1.	Document Control Server Allowance - \$5,000
2.	Additional Hydro Vacuum Allowance - \$20,000
3.	Additional Rough Grading Allowance - \$20,000
4.	Storm Pipe Tie in Coordination Allowance - \$10,000

F.	SCHEDULE
1.	<p>Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.</p>
2.	<p>The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.</p>

Attachment "B"
SCOPE OF WORK
TC-044 – Grading and Site Storm

3.	<p>Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items:</p> <ul style="list-style-type: none">a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested.b. Shift work plan.c. Number of Foremend. Anticipated lead times and permit approval.e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.
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G.	ALTERNATES
1.	<p>The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.</p>
	None

Attachment “B”
SCOPE OF WORK
TC-044 – Grading and Site Storm

BIDDER’S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administrated by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list “Self-Perform” for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner’s representative after the bid deadline.

<u>ITEM or DIVISION OF WORK</u>	<u>NAME AND ADDRESS OF SUBCONTRACTOR</u>
<hr/>	<hr/>
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LIST OF MATERIALS AND EQUIPMENT

The apparent low bidders will be required to complete and submit the following information by twelve o'clock (12) noon of the first working day following the bid opening. The information requested in this submittal is required to assist the University in determining contractor responsibility to complete the project being bid.

[illegible]

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-045 Landscapes

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

INVITATION TO BID: **CCK-2564.0-18-26**
BID OPENING DATE: **August 12th, 2025**
TIME 3:00 P.M. E.D.T.

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

Contractor Report of Prior Violations of
Chapters 136, 139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Alternates:

Alternate 1: Loading Dock Screen Wall

- Provide sod in lieu of plantings at designated area of C1200. (ADD#3)

ADD / DEDUCT \$ _____

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-18-26** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

CITY STATE ZIP CODE FAX _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|-----------------------------------------|-----------------------------------------------------|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) SMALL BUSINESS: A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) LARGE BUSINESS: A business concern that exceeds the small business size code standards established by SBA.
- (03) DISADVANTAGED SMALL BUSINESS: A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) DISADVANTAGED LARGE BUSINESS: A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) WOMAN-OWNED SMALL BUSINESS: A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) WOMAN-OWNED LARGE BUSINESS: A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS: A concern that meets the definition of both (03) and (05) above.
- (08) DISADVANTAGED, WOMAN OWNED LARGE BUSINESS: A concern that meets the definition of both (04) and (06) above.
- (09) OTHER: A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price
Mulch	CY	
Hydroseeding	CY	
Sod	CY	
Erosion Control Blanket	SF	
Topsoil	CY	
Geotextile Fabric	SF	

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilization					\$
4	Irrigation					\$
5	Topsoil					\$
6	Seeding / Sodding					\$
7	Excavation					\$
8	Plants					\$
9	Turfs and Grasses					\$
10	Ledger Rock					\$
11	River Flats Stone					\$
Please list and break down below any work that has not been listed above						
						\$
						\$
						\$
						\$
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$5,000
2	Additional Final Grading Allowance					\$20,000

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: <ul style="list-style-type: none">a. Variations to avoid interference and obstructions.b. Providing all components and services usually supplied with a specific system.c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents.d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-07 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment N – Turner Subcontractor Onboarding j. Attachment O – UK HEB Enhancing Worker Experience Plan
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – BP-07 Site Storm Installation Plan d. SK-004 – Estimated Rock Surface e. SK-005 – Retention System Layout f. SK-006 – Site Topo Survey (ADD #1) g. SK-007 – Existing Retention System As Built (ADD #3)
6.	Specifications
	The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below. <ul style="list-style-type: none"> a. 31 2000 – Earth Moving (Partial) b. 31 2001 – SWPPP (Partial) c. 32 8000 – Irrigation d. 32 9200 – Turf and Grasses e. 32 9300 – Plants
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

C.	SPECIFIC SCOPE ITEMS
1	<p>This contractor shall provide EARTH MOVING (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 2000.</p> <ul style="list-style-type: none"> a. This trade contractor to assume that rough grade will be brought up +/- 0.10' subgrade for landscape areas provided by others. b. This trade contractor is to provide all final grading for landscape areas. c. This trade contractor to provide all compaction of topsoil as required. d. This trade contractor shall scarify existing or new subgrade prior to adding fill. e. This trade contractor is to provide all DGA below landscape areas as shown in the contract documents.
3	<p>This contractor shall provide SWPPP (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 2001.</p> <ul style="list-style-type: none"> a. This trade contractor shall provide not limited to straw mulching, fertilizer application control, seeding / sod for temporary and permanent stabilization as required in the contract documents.
4	<p>This contractor shall provide IRRIGATION (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 8000.</p> <ul style="list-style-type: none"> a. This trade contractor shall provide all excavation and competent backfill required to install irrigation lines. b. This trade contractor needs to take into consideration that there are steam, chilled water, utility structures, and other utility lines located on the North and NE side of the building and need to make sure to excavate around these lines with caution and follow Turner's Safety Policy on Excavations around utilities. c. This trade contractor shall coordinate final power connections with TC-032 interior electrical contractor. Assume the controller will be inside the building. d. This trade contractor shall test and flush out all irrigation lines as required in the contract documents. e. This trade contractor shall provide all maintenance of the irrigation system as required by the contract documents that is not limited to first winterization, spring turn on head adjustments and controller maintenance. f. This trade contractor shall provide all sleeves as necessary for all irrigation piping passing through or place under concrete, masonry, paved areas, etc and as required in the contract documents.
5	<p>This contractor shall provide TURF AND GRASSES (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 9200.</p> <ul style="list-style-type: none"> a. Reference soil profiles on sheet C900.
6	<p>This contractor shall provide PLANTS (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 9300.</p> <ul style="list-style-type: none"> a. This contractor shall provide all ledger rock and river flats stone that is shown in the contract documents b. This trade contractor is to include all excavation and competent backfill required to install all shrubs, plants, and trees as shown in the contract documents. c. Previous contractor backfilled stone around perimeter of the entire building foundation to existing grade. This trade contractor is to remove all necessary crushed stone and crushed stone backfill to a depth necessary per C900/C901 Soils Plan requirements. (ADD #3) d. This trade contractor shall provide watering of all shrubs, trees, and plants until established as detailed in the contract documents. e. This trade contractor is responsible for all costs associated with watering. f. This trade contractor shall provide, and remove when complete, protection and supports for all new shrubs, trees, and plants as shown in the contract documents.

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

7	This trade contractor shall provide all maintenance services as required in the contract documents. This includes all watering, weeding, and mowing until plants are fully established and accepted.
8	This trade contractor to include additional 100 labor hours and an additional \$10,000 material of landscape repair used at CM's discretion.
9	This trade contractor shall return in the fall of 2027 to compact and refinish settled areas to grade.
10	This trade contractor is to higher a private utility company prior to excavating for trees and shrubs.
11	This trade contractor to include additional 150 labor hours and an additional \$10,000 material of Irrigation repair used at CM's discretion.
12	This trade contractor shall verify all elevations of structures and piping during and after installation. Provide as-built drawings generated by a licensed surveyor documenting X, Y, Z coordinates of structures, invert elevations of all pipe and elevations of bottom of structures / castings.
13	Provide all hauling and/or dumpsters required for this scope of work as needed. a. See section 01 7419 Construction Waste Management and Disposal for additional information. Assume all concrete wash out and demolished concrete and asphalt to be collected and recycled in accordance with the site Waste Management Plan. Provide weight tickets and other documentation as outlined in Specification 017419.
14	This contractor shall adhere to all University of Kentucky Tree Protection Standards. a. Provide any tree root pruning required for installation of this trade contractor scope of work. b. Consult with TC-005 Arborist Contractor prior to performing any work around trees.
15	This contractor is to provide new topsoil and sod where temporary asphalt drive for Dimock is removed as shown on SK-001. (ADD #3)

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Rough Grading

E.	ALLOWANCES
	The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project. Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.
1.	Document Control Server Allowance - \$5,000
2.	Additional Final Grading Allowance - \$20,000

Attachment "B"
SCOPE OF WORK
TC-045 – Landscapes

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: <ul style="list-style-type: none">a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested.b. Shift work plan.c. Number of Foremend. Anticipated lead times and permit approval.e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT. 1	Loading Dock Screen Wall (ADD #3)

Attachment “B”
SCOPE OF WORK
TC-045 – Landscapes

BIDDER’S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administrated by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list “Self-Perform” for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner’s representative after the bid deadline.

<u>ITEM or DIVISION OF WORK</u>	<u>NAME AND ADDRESS OF SUBCONTRACTOR</u>
<hr/>	<hr/>
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LIST OF MATERIALS AND EQUIPMENT

The apparent low bidders will be required to complete and submit the following information by twelve o'clock (12) noon of the first working day following the bid opening. The information requested in this submittal is required to assist the University in determining contractor responsibility to complete the project being bid.

[illegible]

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-046 Hardscapes & Loading Dock

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

INVITATION TO BID: **CCK-2564.0-18-26**
BID OPENING DATE: **August 12th, 2025**
TIME 3:00 P.M. E.D.T.

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

Alternates:

Alternate 1: Loading Dock Screen Wall

- Provide louvered fence screenwall at Loading Dock as noted on Keynote 17 on Sheet C700 . (ADD#3)

ADD / DEDUCT \$ _____

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-18-26** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

CITY STATE ZIP CODE FAX _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|-----------------------------------------|-----------------------------------------------------|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) **SMALL BUSINESS:** A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) **LARGE BUSINESS:** A business concern that exceeds the small business size code standards established by SBA.
- (03) **DISADVANTAGED SMALL BUSINESS:** A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) **DISADVANTAGED LARGE BUSINESS:** A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) **WOMAN-OWNED SMALL BUSINESS:** A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) **WOMAN-OWNED LARGE BUSINESS:** A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) **DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS:** A concern that meets the definition of both (03) and (05) above.
- (08) **DISADVANTAGED, WOMAN OWNED LARGE BUSINESS:** A concern that meets the definition of both (04) and (06) above.
- (09) **OTHER:** A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
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THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment "B"
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TC-046 – Hardscapes & Loading Dock

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price
Cast-In-Place Concrete	CY	
Structural Steel	Ton	
Pipe & Tube Railing	LF	
TPO Roofing	SF	
Bollards	EA	
Bike Racks	EA	
Excavation	CY	
Rock Excavation	CY	
Concrete Paving	CY	
Unit Paving	SF	
Porous Unit Paving	SF	
Site Guardrail	LF	

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HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

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PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

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BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Cast-In-Place Concrete					\$
8	Masonry					\$
9	Structural Steel & Metal Decking					\$
10	Framing (Cold-Formed Metal Framing & Non-Structural)					\$
11	Pipe & Tube Railings					\$
12	Rough Carpentry, Sheathing, and Gypsum Board					\$
13	Thermal Insulation					\$
14	Fluid-Applied Membrane Air Barriers					\$
15	Waterproofing					\$
16	TPO Roofing, Roof Accessories, and Soffit Panels					\$
17	Applied Fire Protection					\$
18	Joint Sealants and Expansion Joints					\$
19	Loading Dock Equipment					\$
20	Site Furnishings					\$
21	Bike Racks					\$
22	Excavation					\$
23	Earth Retention System					\$
24	Concrete Paving					\$
23	Unit Paving					\$
24	Porous Unit Pavement					\$
25	Louvered Fence					\$
26	Subdrainage					\$
27	Site Guardrail					\$
28	Exterior Final Cleaning					\$

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Please list and break down below any work that has not been listed above						
						\$
						\$
						\$
						\$
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Document Control Server Allowance					\$5,000
2	Utility Locate Allowance					\$10,000
3	Architectural Precast Coordination Allowance					\$50,000
4	Tree Pruning Allowance					\$30,000
5	Site Improvement Alterations					\$50,000
6	Additional Crane Operation Allowance					\$50,000
7	Progression Photo Allowance					\$50,000 (ADD #3)

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)		\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)		\$

Attachment "B"
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SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: <ul style="list-style-type: none">a. Variations to avoid interference and obstructions.b. Providing all components and services usually supplied with a specific system.c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents.d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-07 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment N – Turner Subcontractor Onboarding j. Attachment O – UK HEB Enhancing Worker Experience Plan
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – BP-07 Site Storm Installation Plan d. SK-004 – Estimated Rock Surface e. SK-005 – Retention System Layout f. SK-006 – Site Topo Survey (ADD #1) g. SK-007 – Existing Retention System As Built (ADD #3)
6.	Specifications
	<p>The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below.</p> <ul style="list-style-type: none"> a. 03 0300 Structural Excavation and Backfill b. 03 3000 Cast-In-Place Concrete c. 04 2000 Unit Masonry d. 05 1000 Structural Anchors e. 05 1200 Structural Steel Framing f. 05 3100 Steel Decking g. 05 4000 Cold Formed Metal Framing - Structural h. 05 5213 Pipe and Tube Railings i. 06 1000 Rough Carpentry j. 06 1600 Sheathing k. 07 1326 Self Adhering Waterproofing l. 07 1416 Cold Fluid-Applied Waterproofing m. 07 2100 Thermal Insulation n. 07 2726 Fluid-Applied Membrane Air Barriers o. 07 4113 Manufactured Metal Roof Panels p. 07 4293 Soffit Panels q. 07 5423 Thermoplastic-Polyolefin (TPO) Roofing r. 07 6200 Sheet Metal Flashing and Trim

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	<p>s. 07 7100 Roof Specialties</p> <p>t. 07 7200 Roof Accessories</p> <p>u. 07 8100 Applied Fire Protection</p> <p>v. 07 8123 Intumescent Fire Protection</p> <p>w. 07 8413 Penetration Firestopping</p> <p>x. 07 8443 Joint Firestopping</p> <p>y. 07 9200 Joint Sealants</p> <p>z. 07 9219 Acoustical Joint Sealants</p> <p>aa. 07 9513.16 Exterior Expansion Joint Cover Assemblies</p> <p>bb. 08 3113 Access Doors and Frames</p> <p>cc. 09 2216 Non-Structural Metal Framing</p> <p>dd. 09 2900 Gypsum Board</p> <p>ee. 10 2600 Wall and Door Protection</p> <p>ff. 11 1313 Loading Dock Bumpers</p> <p>gg. 11 1319 Stationary Loading Dock Equipment</p> <p>hh. 12 9300 Site Furnishings</p> <p>ii. 12 9313 Bike Racks</p> <p>jj. 31 2000 Earth Moving (Partial)</p> <p>kk. 31 2001 Stormwater Pollution Prevention Plan (SWPPP) (Partial)</p> <p>ll. 31 3116 Termite Control</p> <p>mm. 32 1313 Concrete Paving (Partial)</p> <p>nn. 32 1373 Concrete Paving Joint Sealants</p> <p>oo. 32 1400 Unit Paving</p> <p>pp. 32 1443 Porous Unit Pavement</p> <p>qq. 32 3121 Louvered Fence</p> <p>rr. 33 4600 Subdrainage</p>
7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

C.	SPECIFIC SCOPE ITEMS
1	This contractor's scope of work is for the complete construction of the Loading Dock and Generator Enclosure Area, the South Patio Area, and the Site Hardscapes with the exception of certain exclusions listed throughout this scope of work. Although there are drawings included in this bid package that show work outside of these areas, it is understood that this work is not to be included with this trade contractor. Specifications listed below as "complete" are only in reference to the applicable areas of work.
2	This contractor shall provide Structural Excavation & Backfill (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 03 0300 .
3	<p>This contractor shall provide Cast-In-Place Concrete (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 03 3000.</p> <ul style="list-style-type: none"> a. This includes but is not limited to: all foundations, retaining walls, equipment pads, slabs, ramps and footings. b. This also includes all accessories including but not limited to: reinforcing, vapor barrier, curing compounds, sealant, and expansion joints. c. Provide all dowelling into existing structure at Loading Dock and South Patio. d. Provide all material, layout and setting of any embeds. e. Provide grouting at all column base plates. f. Provide an additional 100 hours for slab block outs above and beyond base scope of work to be used at CM's discretion.

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SCOPE OF WORK
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4	<p>This contractor shall provide Unit Masonry (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 04 2000.</p> <ul style="list-style-type: none"> g. This includes mortar and grout, grouted bond beams and cores, reinforcing steel for masonry, masonry reinforcement, all ties and anchors, masonry embed flashing and flashings indicated in specification and drawings. Include drilling for doweling reinforcement if applicable. h. Provide all head of wall bracing including all required angles, bent plates, etc. i. Provide all openings and all associated lintels and bond beams in masonry walls for all doors, windows, mechanical penetrations, louvers, grouped conduits, etc. Reference architectural plans for locations of doors and louvers. Reference structural drawings for typical lintel details and schedules. <ul style="list-style-type: none"> i. Provide an additional five (5) 5' x 5' openings including labor and material for lintels to be used at CM's discretion. j. This contractor to install sleeves for penetrations through masonry provided by others. k. Provide all bearing plates where beams or any other structural members bear on masonry. l. Provide tarping of work areas as required to eliminate excessive grout and mortar debris. Provide daily cleanup of work areas. m. Subcontractor to include washing and cleaning as required to deliver a quality product per the project documents. n. Partitions must meet all STC Ratings, Fire Ratings, and UL Design Requirements outlined in the drawings and specifications. o. Water will be available on-site but this contractor is responsible for providing means and methods for bringing utilities to areas necessary for this work. p. This contractor is responsible for providing their own electrical power required for their scope of work. q. Provide grout touch-up as needed around in-wall electrical boxes. r. Provide 50 hours for CMU repair to be used at CM's discretion. Include separate mobilization for this work. s. Receive, inventory, and install all hollow metal frames in masonry walls. <ul style="list-style-type: none"> i. Include grouting of all hollow metal frames in masonry walls. ii. Include masonry tooth work and comeback as frames may not be on site in conjunction with construction of wall. iii. Include bracing and door spreaders at sills, middle spans and head conditions to stabilize and eliminate frame deflection during masonry installation.
5	<p>This contractor shall provide Structural Anchors (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 05 1000.</p> <ul style="list-style-type: none"> a. Provide all embedded, hanging, and steel-anchored items and detailed setting drawings required for the complete erection of structural steel. This includes all anchor bolts, bearing plates, and concrete embeds for the attachment of structural steel to the concrete and masonry work scopes. This Trade Contractor to remove protection around anchor bolts as needed. b. Include all anchorage and attachment to existing work in place.
6	<p>This contractor shall provide Structural Steel Framing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 05 1200.</p> <ul style="list-style-type: none"> a. Provide all structural steel framing, steel joist framing, steel decking, structural bracing, shear studs, bridging, couplers, etc., as indicated on the Contract Documents and as required to provide a turnkey, complete system. This Trade Contractor shall further provide all concrete slab stops, including bent plates, deck closures, and shims at every slab edge perimeter and slab opening perimeter. Reference specification 05 1200 for bent plate tolerances. b. Provide prime painting, galvanizing and architecturally exposed structural steel where it is indicated on the drawings and in the specifications. Do NOT prime structural steel that is to receive spray-on-fireproofing. <ul style="list-style-type: none"> i. Provide touch-up as required in the field after erection on any prime painted members or galvanized members. c. Clean and dewater column foundations as needed to install structural steel. d. This contractor shall furnish and install all angles or beams required for floor or roof penetrations. Coordinate work efforts with the MEP contractors to ensure that framing members provided for the

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	MEP trades, slab, and roof penetrations are correctly designed and located. Accurate dimensional information will be provided by the MEP contractors. e. This contractor shall survey columns to verify plumbness, top of beams to verify elevations, and bent plate elevation and location.
7	This contractor shall follow specification and AISC requirements for weld inspections and reporting and report to CM. A summary of the sequence is as follows: a. Welding inspection reports from fabrication shall be submitted prior to steel arriving onsite. b. Erection contractor shall submit welding certificates for individuals performing welds, including continuity log to show weld certs are current. c. Erection foreman shall keep an electronic weld map and note which prequalified tradesman welds each location. Map shall include time and date weld was complete. i. This map shall be transmitted weekly to the CM for review. d. Erection Foreman (if qualified or qualified individual) shall visually inspect all field welds and note date and time of visual inspection. e. This Trade Contractor to provide their own dedicated fire watch during hot work activities and welding blankets provided to protect existing installations below (waterproofing, foam board, etc.). All fire extinguishers for hot work activities are to be provided by this Trade Contractor. f. Once the above is complete, the Owner's testing agency shall inspect welds in accordance with AISC standards.
8	This contractor shall provide Steel Decking (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 05 3100 . a. Provide all metal floor and roof decking, metal deck closures, pour stops, joint covers, expansion joints, etc. b. Provide all shear studs and any misc. support steel as required for the complete installation of metal deck. This contractor shall include unlimited mobilizations for installation of shear studs. c. Include all shop-applied couplers as indicated on the Contract Documents.
9	This contractor shall provide Cold Formed Metal Framing - Structural (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 05 4000 .
10	This contractor shall provide Pipe and Tube Railings (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 05 5213 . a. Provide core drilling and grouting as indicated in the contract documents. b. Provide touch-up of galvanizing as necessary.
11	This contractor shall provide Rough Carpentry (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 06 1000 . a. All blocking required (where explicitly shown on the Contract Documents or not) for this trade contract's divisions of work and installation of items in this scope of work.
12	This contractor shall provide Sheathing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 06 1600 .
13	This contractor shall provide Self Adhering Waterproofing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 1326 . a. Repair waterproofing as required for attachment to main building foundation. a. For any patching, this contractor must use same product of main building waterproofing.
14	This contractor shall provide Cold Fluid-Applied Waterproofing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 1416 . a. This trade contractor is to include Cold Fluid-Applied Waterproofing under topping slab at Area C south entrance. Reference C/A-545A and associated details for location. Include separate early mobilization for this work. (ADD #3)
15	This contractor shall provide Thermal Insulation (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 2100 .
16	This contractor shall provide Fluid-Applied Membrane Air Barriers (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 2726 .

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17	This contractor shall provide Manufactured Metal Roof Panels (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 4113 .
18	This contractor shall provide Soffit Panels (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 4293 .
19	<p>This contractor shall provide Thermoplastic-Polyolefin (TPO) Roofing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 5423.</p> <ul style="list-style-type: none"> a. Flash and seal all roof-mounted accessories penetrating the roof system including mechanical curbs, roof drains, vents, screen walls, window washing anchors, etc. <ul style="list-style-type: none"> i. Provide an additional 10 ea. "witches-hat" flashing in base bid to flash unforeseen conditions as directed by the CM. b. This Trade Contractor is responsible for final cleaning the roof when contract work is complete. Provide an ADDITIONAL final cleaning of the entire roof surface just prior to the "roof punch list" or as directed by the CM. Assume separate mobilization for additional cleaning. c. Provide and install roof protection after final roof membrane is installed. Roof protection shall consist of 2" rigid insulation and minimum ½" treated plywood sheathing that is to be installed and removed as directed by the CM. Coordinate materials with roofing manufacturer to ensure compatibility. d. This contractor must match all roofing products utilized on the main building.
20	<p>This contractor shall provide Sheet Metal Flashing and Trim (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 6200.</p> <ul style="list-style-type: none"> a. Provide all SMFT to provide a complete water-tight assembly associated with the roofing system.
21	This contractor shall provide Roof Specialties (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 7100 .
22	This contractor shall provide Roof Accessories (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 7200 .
23	<p>This contractor shall provide Applied Fire Protection (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 8100.</p> <ul style="list-style-type: none"> a. Provide all applied fire protection to all building steel structural framing, floor, and roof assemblies per Contract Documents whether shown graphically or by callout. <ul style="list-style-type: none"> i. Note that the building is in the epicenter of campus and is surrounded by healthcare facilities, academic facilities, students, staff, and visitors. Adequate protection around the entire perimeter of the area of work is required to prevent overspray from migrating onto adjacent structures or falling below to people. Any damages from overspray are the responsibility of this contractor. b. Provide auxiliary materials as needed to ensure adhesion such as primers, adhesive additives, mesh, fabric, and other materials as noted in the specifications. c. This Trade Contractor shall provide area cleaning to a level acceptable to the CM at the end of each shift (i.e. clean as you go). d. Include 50 hours and \$5,000 of material for miscellaneous applied fire protection patching as directed by the CM. Include additional mobilization to perform this work.
24	This contractor shall provide Intumescent Fire Protection (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 8123 .
25	This contractor shall provide Penetration Firestopping (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 8413 .
26	<p>This contractor shall provide Joint Firestopping (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 8443.</p> <ul style="list-style-type: none"> a. Reference Life Safety Plans and architectural drawings for locations of rated partitions. b. Provide all required firestopping assemblies to comply with specified partition ratings including head-of-wall, bottom-of-wall, and vertical joint systems. c. All firestopping is subject to destructive testing to verify acceptable installation. Include labor and material for associated repairs.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

27	This contractor shall provide Joint Sealants (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 9200 . a. Provide all control and expansion joints as indicated in the drawings and specifications. b. Include sealant at all door and window frames located in masonry. c. Include cleaning out and caulking of all concrete joints.
28	This contractor shall provide Acoustical Joint Sealants (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 9219 .
29	This contractor shall provide Exterior Expansion Joint Cover Assemblies (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 07 9513.16 .
30	This contractor shall provide Access Doors and Frames (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 08 3113 . a. Furnish and install access panels shown on the architectural documents and as needed for items that require access in ceilings/walls. Coordinate openings in ceilings/walls with other trades. b. Receive and install access panels supplied by MEP trades. Provide all necessary framing and blocking required for installation. c. Assume all access doors shall be lockable and able to receive a UK standard 7-pin cylinder and core.
31	This contractor shall provide Non-Structural Metal Framing (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 2216 .
32	This contractor shall provide Gypsum Board (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 09 2900 . a. This includes but is not limited to: Gypsum wall board, ceilings, bulkheads, soffits, acoustical sealant, firestop safing & sealants associated with wall/ceiling assemblies, and all trim accessories. b. Coordinate openings in gypsum wall board with MEP trades. c. Provide control joints in gypsum board wall construction as indicated. Verify final C.J. locations with CM and architect prior to work start. d. This contractor to include necessary drywall touch up normal and customary to the scope of work of this size, difficulty, and scale. Include all labor and material for this work.
33	This contractor shall provide Wall and Door Protection (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 10 2600 .
34	This contractor shall provide Loading Dock Bumpers (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 11 1313 .
35	This contractor shall provide Stationary Loading Dock Equipment (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 11 1319 .
36	This contractor shall provide Site Furnishings (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 12 9300 . a. Provide all concrete fill for bollards. b. Provide painting of all bollards.
37	This contractor shall provide Bike Racks (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 12 9313 .
38	This contractor shall provide Earth Moving (Partial) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 2000 . a. Previous trade contractor has performed mass excavation to subgrades for "main" building foundation. This contractor shall provide excavation including rock removal for loading dock and south patio areas. Refer to SK-004 for estimated rock locations and elevations. b. This trade contractor is to include all competent backfill for Loading Dock and South Patio Area Foundation and Retaining Walls. c. All rough grading for site pavements, walkways, and landscape areas are by TC-044 Grading & Site Storm Contractor. d. Provide all haul off of spoils as required. There will be no on-site stockpiling of spoils.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

	<ul style="list-style-type: none"> e. TC-046 to maintain emergency egress throughout all earthwork activities. f. Provide dewatering for all excavations as needed including all pumps, hoses, etc.
39	<p>This trade contractor shall provide a complete retention system for the South Patio area including all shoring, and underpinning as shown on Contract Documents, project logistics plan, and as specified. Retention system to be designed and stamped by a professional engineer registered in the Commonwealth of Kentucky under this contract. Provide detailed plan with drawings for excavation and retention work.</p> <ul style="list-style-type: none"> a. Provide retention system for the west, south, and east sides of the South Patio Area Footprint (see SK-005). <ul style="list-style-type: none"> i. Coordinate with location of storm piping for design of west side of retention system b. This trade contractor is to provide own means and methods to gain access to the South Patio Area. c. When designing the retention system, special care shall be taken around the existing utilities in the area. d. When designing the retention system, openings in the retention system for utility connections to the building shall be installed by this Trade Contractor. Reference Contract Documents for locations and quantities. <ul style="list-style-type: none"> i. Include an additional (4) 24" x 24" openings within the retention system to be directed by the Construction Manager. e. The Trade Contractor's engineer shall validate needed systems to retain soil to prevent movement of any existing installations. f. Retention system should be designed to withstand construction loading (i.e. fully loaded concrete trucks, ground forces for crane outriggers, etc.) g. Retention shall also include cable guardrails with snow-fence for leading edge protection. Allow 4'-0" from outside of foundation wall or 18" from outside edge of footing (whichever is greater) to face of lagging. <ul style="list-style-type: none"> i. Cable guardrail design should adhere to Turner's safety policy. <ul style="list-style-type: none"> 1. Include (2) openings in cable guardrail at top of earth retention for walk planks into building and stair towers into the garden level. Locations to be determined by Construction Manager. h. This Contractor to include removal of the retention system (including guardrail system) to a minimum 36" below finish grade in conjunction with foundation backfill. Maintain a leading-edge CAZ at all times; fence off when backfill operations are not being performed. <ul style="list-style-type: none"> i. Coordinate with other utilities or foundations that may require the lagging to be left at a lower elevation. ii. Provide as-built drawing of final retention system to be turned over to the Owner and Construction Manager for future coordination. i. Please note that during excavation of the south patio area, this contractor will encounter abandoned components of the original retention system for the building including soldier piles, lagging boards, and tiebacks. Remove components as required for installation of new work. j. Assume 4 penetrations in retention system for existing steam lines. Provide temporary shoring/support for exposed steam lines inside the retention system. See SK-005. (ADD #3) k. This trade contractor needs to take into consideration that there are various utilities located in the vicinity of the retention system area and need to make sure to excavate around utilities with caution and follow Turner's safety Policy on Excavations around utilities. (ADD #3)
40	<p>This contractor shall provide Stormwater Pollution Prevention Plan (SWPPP) (Partial) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 2001.</p>
41	<p>This contractor shall provide Termite Control (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 3116.</p>
42	<p>This contractor shall provide Concrete Paving (Partial) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 1313.</p> <ul style="list-style-type: none"> a. This trade contractor to provide all concrete sidewalks, concrete pavement, and mow strips shown in the contract documents.

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

	<ul style="list-style-type: none"> b. Concrete curbs will be provided by TC-044 Grading contractor. Coordinate adjacent concrete pavement installation as required. c. Extra caution shall be taken for the installation of work along University Drive adjacent to existing trees. Include air knifing required for installation of this work. d. Include an additional 1,500 3,000 (ADD #3) sf of concrete paving above and beyond base scope of work to be used at CM's discretion. Assume typical 6" concrete pavement detail as shown in Civil drawings. (ADD #3)
43	This contractor shall provide Concrete Paving Joint Sealants (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 1373 .
44	<p>This contractor shall provide Unit Paving (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 1400.</p> <ul style="list-style-type: none"> a. Include an additional \$10,000 of material and 150 hours of rework and repair of pavers above and beyond base scope of work to be used at CM's discretion.
45	This contractor shall provide Porous Unit Pavement (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 1443 .
46	This contractor shall provide Louvered Fence (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 32 3121 .
47	<p>This contractor shall provide Subdrainage (COMPLETE) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 33 4600.</p> <ul style="list-style-type: none"> a. This trade contractor is to provide all Subdrainage for the South Patio area. See SK-003 for details. All other drainage piping around the perimeter of "main" building foundation is provided by others. b. Trade contractor to provide all #57 stone wrapped with filter fabric for subdrainage piping.
48	<p>Provide all hauling and/or dumpsters required for this scope of work as needed.</p> <ul style="list-style-type: none"> a. See section 01 7419 Construction Waste Management and Disposal for additional information. b. Assume all concrete wash out and demolished concrete and asphalt to be collected and recycled in accordance with the site Waste Management Plan. Provide weight tickets and other documentation as outlined in Specification 017419.
49	<p>This contractor shall adhere to all University of Kentucky Tree Protection Standards.</p> <ul style="list-style-type: none"> a. Provide any tree root pruning required for installation of hardscapes. b. Consult with TC-005 Arborist Contractor prior to performing any work around trees.
50	<p>Provide all exterior site handrail and guardrail.</p> <ul style="list-style-type: none"> a. Provide all coordination with other trades, most notably TC-001 Architectural Precast. b. Provide all required layout, inserts and embeds, core drilling, grouting and epoxy as needed. c. Include an additional 100 journeyman hours of handrail repair and rework above and beyond base scope of work to be used at CM's discretion.
51	<p>For all site hardscapes installed by this contractor, provide all labor and material required for a complete installation including but not limited to: compaction of subgrade as required, stone, DGA, sand, geotextile fabric, concrete, and reinforcing.</p> <ul style="list-style-type: none"> a. TC-044 Grading contractor will bring earth up to sub grade +/- 1/10'. TC-046 is responsible for bringing up to final grade in all hardscape areas.
52	<p>This contractor shall provide Final Cleaning for all work installed by this contractor the entire exterior site and building facade. Final Cleaning shall be done by a certified cleaning company approved by the CM, not laborers.</p> <ul style="list-style-type: none"> a. This includes, but is not limited to all: sidewalks, curbs and gutters, asphalt, pavers, and building façade including exterior window washing. b. Provide power washing of all sitework installations. Use caution to select appropriate nozzle and pressure for each respective cleaning activity. This Trade contractor is responsible for all costs associated with damage caused by power washing or other cleaning activities. c. Include an additional 200 journeyman hours of miscellaneous cleaning above and beyond base scope of work to be used at CM's discretion. (ADD #3)
53	This contractor shall provide complete demo and removal of Building Mock-Up inclusive of all architectural and structural elements. Backfill area to match surrounding grade. Reference Sheets A-504, A-505, and S-

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

	450 (ADD #3) for details on mockup construction. Mock-Up is located in the Project Laydown Area shown in SK-001.
54	This contractor shall provide own means of hoisting and rigging for all material and equipment.
55	This contractor shall provide Site Clearing (PARTIAL) as required for this scope of work as shown on the Contract Documents and in accordance with specification section 31 1000 . <ul style="list-style-type: none"> a. This contractor shall provide demolition and removal of all concrete sidewalks shown on the Civil Drawings. b. This contractor shall include complete removal of (1) dead 7" tree including stump and roots at south site entrance gate. c. Demolition and removal of all asphalt surfaces, stone underlayment, trees, and plantings will be provided by TC-044 Grading Contractor. (ADD #3)
56	This contractor shall provide, maintain, and remove tree protection fencing for all trees along University Dr and Huguelet Dr. (ADD #3)
57	Provide protection of at minimum ¾" marine grade plywood for all pavers immediately following installation. Provide removal of protection as directed by the CM. (ADD #3)
58	This contractor shall provide, maintain, and remove when directed by CM new fencing and gates as well as reworking existing fence and gates as shown on SK-001.4. <ul style="list-style-type: none"> a. Prior to relocating fence along University Drive for new sidewalk installation, this contractor shall provide a new temporary bus stop at nearby location to be determined. Bus stop shall include new 10'x10' concrete pad and relocation of existing bench and signage. Coordination with CM, UK, and Lextran will be required. (ADD #3)

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond
2.	Trees, plantings and topsoil
3.	Irrigation
4.	Mechanical, Electrical, Plumbing, Fire Protection, and Technology work
5.	MEP Penetration Firestopping and Joint Sealants
6.	Louvers
7.	South canopy including steel framing roofing, soffit panels, etc.
8.	Roof Pavers

E.	ALLOWANCES	
	The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project. Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.	
1	Document Control Server Allowance	\$5,000
2	Utility Locate Allowance (ADD #3)	\$10,000
3	Architectural Precast Coordination Allowance	\$50,000
4	Tree Pruning Allowance	\$30,000
5	Site Improvement Alterations	\$50,000
6	Additional Crane Operation Allowance	\$50,000

Attachment "B"
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

7	Progression Photo Allowance (ADD #3)	\$50,000
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F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.
3.	Due to the critical nature of the schedule, the Trade Contractor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items: <ul style="list-style-type: none"> a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested. b. Shift work plan. c. Number of Foremen d. Anticipated lead times and permit approval. e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.

G.	ALTERNATES
1.	The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.
ALT.1	Loading Dock Screen Wall (ADD #3)

Attachment “B”
SCOPE OF WORK
TC-046 – Hardscapes & Loading Dock

BIDDER’S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administrated by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list “Self-Perform” for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner’s representative after the bid deadline.

<u>ITEM or DIVISION OF WORK</u>	<u>NAME AND ADDRESS OF SUBCONTRACTOR</u>
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LIST OF MATERIALS AND EQUIPMENT

The apparent low bidders will be required to complete and submit the following information by twelve o'clock (12) noon of the first working day following the bid opening. The information requested in this submittal is required to assist the University in determining contractor responsibility to complete the project being bid.

[illegible]

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION PROCUREMENT SECTION
FORM OF PROPOSAL: TC-047 Site Electric

Project No. 2564.0 Project Title: UK Construct Health Education Building

Purchasing Officer: Ken Scott

NOTE: The following Form of Proposal shall be followed exactly in submitting a proposal for this work. If this copy is lost, an additional copy will be furnished upon written request to the authority issuing Contract Documents.

This Proposal is submitted by: _____
(NAME AND ADDRESS OF BIDDER)

Date: _____

Telephone: _____

TO: BID CLERK
UNIVERSITY OF KENTUCKY
CAPITAL CONSTRUCTION
PROCUREMENT
RM. 322 SERVICE BUILDING
LEXINGTON, KY. 40506-0005

INVITATION TO BID: **CCK-2564.0-18-26**
BID OPENING DATE: **August 12th, 2025**
TIME 3:00 P.M. E.D.T.

The Bidder, in compliance with your Invitation for Bids for the above referenced Project, having carefully examined the site of the Work, the Drawings and complete Contract Documents as defined in Article I of the General Conditions, as well as the Specifications affecting the work as prepared by the Consultant, hereby proposes to furnish all labor, materials, supplies and services required to construct the Project in accordance with the Contract Documents, within the time set forth therein, and at the price stated below without qualification.

The Bidder hereby acknowledges receipt of the following Addenda:

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

ADDENDUM NO. _____ DATED _____

(Here insert the number and date of any Addenda issued and received. If none has been issued and received, the word NONE should be inserted.)

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

Contractor Report of Prior Violations of
Chapters 136,139, 141, 337, 338, 341, and 342

Pursuant to KRS 45A.485, the Contractor shall, prior to the award of a Contract, reveal final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 by the Contractor that have occurred in the previous five (5) year period.

This statute also requires for the duration of the Contract established, the Contractor be in continuous compliance with the provisions of Chapters 136, 139, 141, 337, 338, 341, and 342 that apply to the Contractor's operations. The Contractor's failure to reveal a final determination of a violation of KRS Chapters 136, 139, 141, 337, 338, 341, and 342, or failure to comply with any of the above cited statutes for the duration of the Contract shall be grounds for the cancellation of the Contract, and the disqualification from eligibility for future contracts for a period of two (2) years.

The Contractor, by signing and submitting a Bid on this Invitation, agrees as required by KRS 45A.485 to submit final determinations of any violations of the provisions of KRS Chapters 136, 139, 141, 337, 338, 341, and 342 that have occurred in the previous five (5) years prior to the award of a Contract and agrees to remain in continuous compliance with the provisions of these statutes during the duration of any contract that may be established. Final determinations of any violations of these statutes, must be provided to the University by the successful Contractor prior to the award of a Contract.

LUMP SUM PROPOSAL

The Bidder agrees to furnish all labor, materials, supplies and services required to complete the Work, for the above referenced Project, for the Capital Construction Procurement Section, University of Kentucky, as described in the Specifications and Contract Documents and shown on the Drawings enumerated below and as modified by the Addenda listed above.

FOR THE LUMP SUM OF _____
(USE WORDS)

_____ DOLLARS AND _____ CENTS.
(USE WORDS) (USE WORDS)

(\$ _____)
(USE FIGURES)

SUPERINTENDENT

In accordance with Article 17 of the General Conditions a full-time superintendent will be required on this project. Below, please list the superintendent your firm will employ on this project. The successful Bidder will be required to furnish a resume of the superintendent's qualifications and or past projects.

List the Superintendent's Name

The apparent low bidder is requested to attend a post bid meeting which will be scheduled at a later date.

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

FORM OF PROPOSAL

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby certify:

1. That I am the Bidder (if the Bidder is an individual), a partner in the Bidder (if the Bidder is a partnership), or an officer or employee of the bidding corporation having authority to sign on its behalf (if the Bidder is a corporation).
2. That the submitted Bid or Bids covering Capital Construction Procurement Section Invitation No. **CCK-2564.0-18-25** have been arrived at by the Bidder independently and have been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other contractor, vendor of materials, supplies, equipment or services described in the Invitation to Bid, designed to limit independent bidding or competition; as prohibited by provision KRS 45A.325;
3. That the contents of the Bid or Bids have not been communicated by the Bidder or its employees or agents to any person not an employee or agent of the Bidder or its surety on any bond furnished with the Bid or Bids and will not be communicated to any such person prior to the official opening of the Bid or Bids;
4. That the Bidder is legally entitled to enter into the contracts with the University of Kentucky and Turner Construction Company and is not in violation of any prohibited conflict of interest, including those prohibited by the provisions of KRS 164.390, and 45A.330 to 45A.340 and 45A.455.
5. This offer is good for 60 calendar days from the date this Bid is opened. In submitting the above, it is expressly agreed that upon proper acceptance by the Capital Construction Procurement Section of any or all items Bid above, a contract shall thereby be created with respect to the items accepted.
6. That I have fully informed myself regarding and affirm the accuracy of all statements made in this Form of Proposal including Bid Amount.
7. Unless otherwise exempted by KRS 45.590, the Bidder intends to comply in full with all requirements of the Kentucky Civil Rights Act and to submit data required by the Kentucky Equal Employment Act upon being designated the successful contractor.
8. That the bidding contractor and all subcontractors to be employed do not and will not maintain any facilities they provide for employees in a segregated manner, and they are in full compliance with provisions of 41 CFR 60-1.8 that prohibits the maintaining of segregated facilities.
9. In accordance with KRS45A.110(2), the undersigned hereby swears under penalty of perjury that he/she has not knowingly violated any provision of the campaign finance laws of the Commonwealth of Kentucky and that the award of a contract to the bidder will not violate any provision of the campaign finance laws of the Commonwealth of Kentucky.

READ CAREFULLY - SIGN IN SPACE BELOW - FAILURE TO SIGN INVALIDATES BID

SIGNED BY _____ TITLE _____

PRINT NAME _____ FIRM _____

ADDRESS _____ AREA CODE & PHONE _____

CITY STATE ZIP CODE FAX _____

BIDDER'S EMAIL _____ DATE _____

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

BUSINESS CLASSIFICATION

Please complete this form which is necessary for the University of Kentucky vendor database.
Mark only one classification. Refer to "Definitions" for assistance in determining correct classification.

- | | |
|-----------------------------------------|-----------------------------------------------------|
| (01)___ Small Business | (06)___ Woman-Owned Large Business |
| (02)___ Large Business | (07)___ Disadvantaged Woman-Owned
Small Business |
| (03)___ Disadvantaged Small
Business | (08)___ Disadvantaged Woman-Owned
Large Business |
| (04)___ Disadvantaged Large
Business | (09)___ Other |
| (05)___ Woman-Owned Small Business | |

DEFINITIONS

- (01) **SMALL BUSINESS:** A business concern that is organized for profit, is independently owned and operated, is not dominant in the field of operations in which it is bidding and meets the size standards as prescribed in the Code of Federal Regulations, Title 13, Part 121. Consult your local or district Small Business Administration (SBA) office if further clarification is needed.
- (02) **LARGE BUSINESS:** A business concern that exceeds the small business size code standards established by SBA.
- (03) **DISADVANTAGED SMALL BUSINESS:** A business concern (a) that is at least 51 percent owned by one or more socially and economically disadvantaged individuals (as defined below), or a publicly owned business, having at least 51 percent of its stock owned by one or more socially and economically disadvantaged individuals; and (b) has its management and daily business operations controlled by one or more such individuals. Socially and economically disadvantaged individuals include: Asian, Black/African American, Hispanic or Latino, Native American, Native Hawaiian/Pacific Islander, Women, Disabled, Veteran and Disabled Veteran and other minorities or individuals found to be disadvantaged by the SBA.
- (04) **DISADVANTAGED LARGE BUSINESS:** A concern that meets the definition of socially and economically disadvantaged individuals as defined above, but which is not a small business by the SBA's size standards.
- (05) **WOMAN-OWNED SMALL BUSINESS:** A small business that is at least 51 percent owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" means actively involved in the day-to-day management.
- (06) **WOMAN-OWNED LARGE BUSINESS:** A concern that meets the definition of woman owned and operated, but which is not a small business by the SBA's standards.
- (07) **DISADVANTAGED, WOMAN-OWNED SMALL BUSINESS:** A concern that meets the definition of both (03) and (05) above.
- (08) **DISADVANTAGED, WOMAN OWNED LARGE BUSINESS:** A concern that meets the definition of both (04) and (06) above.
- (09) **OTHER:** A concern that does not meet any of the above definitions.

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

THE FOLLOWING ITEMS ARE HERewith ENCLOSED AS REQUIRED BY KRS 45A.185

1. Bid Bond or Certified Check in an amount not less than five percent (5%) of total Bid.
2. List of Proposed Subcontractors and Unit Prices. (if required)
3. Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest.
4. List of Materials and Equipment.
5. **VENDOR NUMBER:** It is imperative that you furnish your Federal Employer Identification Number in the space provided below. Failure to do so may delay the processing of purchase orders issued to your firm.

(Nine Digit Number)

BIDDER'S QUALIFICATIONS

The Commonwealth of Kentucky Model Procurement Code (KRS 45A.080) requires contracts to be awarded, "to the responsive and responsible bidder whose bid offers the best value" to the University of Kentucky. In order to determine if the Bidder has the experience, qualifications, resources and necessary attributes to provide the quality workmanship, materials and management required by the plans and specifications, the Bidder may be required to complete and submit the information requested on the University of Kentucky Contractor Bidder Determination of Responsibility questionnaire. Failure to provide the information requested on the questionnaire or failure to provide any additional submittals or information that may be requested to make this determination may be grounds for a declaration of non-responsibility with respect to the Bidder. A copy of the Contractor Determination of Responsibility questionnaire is available upon request to all Bidders.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

It is further agreed, that in the event this Proposal is accepted by the Owner and the undersigned shall fail to execute the Contract and furnish satisfactory Payment and Performance Bond within ten (10) consecutive calendar days from the date of notification of the award of the Contract, the Owner may at his option, determine that the undersigned has abandoned the Contract and thereupon, the Proposal shall become null and void and the Bid guarantee, check or Bid bond which accompanied it shall be forfeited and become the property of the Owner as liquidated damages for each failure and no protest pursuant to such action will be made. If the Undersigned shall execute the Contract, and furnish satisfactory Payment Bond and Performance Bond, it is understood that the Bid Guarantee or Bid Bond will be returned to the undersigned by the Owner.

Attachment “B”
SCOPE OF WORK
TC-047 – Site Electric

UNIT PRICES

NOTE: Unit Prices shall include the furnishing of all labor, materials, supplies and services and shall include all items of cost, overhead and profit for the Contractor and any subcontractor involved, and shall be used uniformly without modifications for either additions or deductions. The Unit Prices as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Unit Prices with the bid.

Material	Unit (LF, SF, EA, etc.)	Unit Price
Lightpole Fixture	EA	
Lightpole Base	EA	
Duct Bank	LF	

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

HOURLY RATES

The Hourly Rates as established shall be used to determine the equitable adjustment of the Contract Price in connection with changes, deletions or extra work performed under the Contract and the "Rules of Measurement" set forth in the General Conditions shall govern.

All Bidders will be required to complete and submit the following Hourly Rates with the bid.

Note the following:

- Overhead & Profit to be **EXCLUDED** from rates below & will be calculated separately
- Complete a separate Wage Breakdown for each trade or subcontractor

STRAIGHT TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
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PREMIUM TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

DOUBLE TIME		CLASSIFICATION							
Description	Unit	PM	Engineering	Super	Gen. Foreman	Foreman	Journeyman	Apprentice	Other (_____)
Base Wage	/hr	\$	\$	\$	\$	\$	\$	\$	\$
H&W	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Pension	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Apprentice	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Vacation	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Annuity	/hr	\$	\$	\$	\$	\$	\$	\$	\$
Education	/hr	\$	\$	\$	\$	\$	\$	\$	\$
FICA	____%	\$	\$	\$	\$	\$	\$	\$	\$
Medicare	____%	\$	\$	\$	\$	\$	\$	\$	\$
FUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
SUI	____%	\$	\$	\$	\$	\$	\$	\$	\$
Workers Comp	____%	\$	\$	\$	\$	\$	\$	\$	\$
GL Ins.	____%	\$	\$	\$	\$	\$	\$	\$	\$
Other Fringe/Burden (List Below)									
		\$	\$	\$	\$	\$	\$	\$	\$
TOTAL		\$	\$	\$	\$	\$	\$	\$	\$

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

BID BREAKOUT

Fill in the following breakdown of costs included in your base bid. Each item is to include labor, material & equipment. These will not be considered unit prices nor will the numbers listed here limit obligations required in the bid documents. It will be used only to aid in verifying completeness of the bids.

	Description of Work	Labor Hours	Quantity	Unit	Unit Cost	Total
1	Engineering & Layout, Permits & Fees					\$
2	Shop Drawings and Submittals					\$
3	Mobilizations					\$
4	Safety and Housekeeping					\$
5	Project Management					\$
6	General Work Requirements					\$
7	Excavations					\$
8	Underground Raceways					\$
9	Site Lighting					\$
10	Grounding and Bonding					\$
11	Communications/Fiber					\$
12	Overhead & Profit					\$
Please list and break down below any work that has not been listed above						
						\$
						\$
						\$
						\$
Allowances (to be included in bid amount)						
1	Retaining Wall Lighting Coordination Allowance					\$10,000
2	Additional Hydro-Vac Excavation Allowance					\$10,000
3	Existing Conditions Coordination Allowance					\$10,000

Total Labor Hours = _____

TOTAL BID AMOUNT (This amount should match the Lump Sum listed on Form of Proposal)	\$
Cost of Payment & Performance Bond (DO NOT INCLUDE THIS COST IN BID AMOUNT)	\$

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

SCOPE OF WORK

A.	GENERAL
1.	This Trade Contractor is required to sign Turner form 36 subcontract agreement included in the scope of work manual, which takes precedence over the General & Special Conditions.
2.	The General Building Permit will be provided by the others (architect). Obtain all other required permits; submit copies to the Construction Manager.
3.	Provide labor, material, equipment, and all else necessary to furnish and install complete the Scope of Work as required by the contract documents and as outlined below
4.	The following scope of work is intended to be general in nature. The purpose of this scope of work is not to identify or list every scope of work item already shown or described in the contract documents, but rather to coordinate, clarify, modify, and/or expand the scope.
5.	The intention is to have the successful Subcontractor perform all the related work shown on the Contract Documents other than those items specifically indicated below to be excluded.
6.	Detail references are included for convenience but are not intended to identify all applicable details. If the Contract Drawings and Specifications conflict, then the greater quantity and quality shall apply. The Scope of Work takes precedence over the drawings and specifications in the event of a conflict in trade assignment or responsibility. Attention is called to the Bid Manual and the Subcontractor shall include all costs necessary to provide all work to meet the requirements of this scope of work.
7.	In this Scope of Work, the term "provide" shall be defined as meaning "furnish and install."
8.	Contract Price is LUMP SUM . There shall be NO additional labor and material escalations allowed. The contract price shall not be altered for any work that could have been reasonably inferred from the Contract Documents. The following items are listed as examples of the intent of this statement, but is not limited to these items alone: a. Variations to avoid interference and obstructions. b. Providing all components and services usually supplied with a specific system. c. The providing of all necessary equipment and appurtenances, whether shown or not, for a complete operating system in strict code compliance based on equipment and fixtures indicated on the Contract Documents. d. Testing performed in accordance with the requirements of the Contract Documents to meet the needs of the construction schedule and to not delay the work of other trades.
9.	Examination of Site – Subcontractor warrants that they have sufficiently reviewed the project site to inform themselves of all items about existing site that are relevant to their work, and the cost of their work.
10.	SITE LOGISTICS: Refer to the Site Logistics plans included in the Contract Documents. Delivery trucks are to be scheduled with Turner at least one (1) week in advance.
11.	Subcontractor understands that time is of the essence in the prosecution of Work under this agreement.
12.	Refer to Project General Work Requirements in the project manual. Any costs for work scope items listed in this section shall be included in your lump sum bid. Some work items are listed for specific trade contractors and they shall include those costs in their respective total lump sum bid price.
13.	This contractor shall verify conditions are suitable for their installations prior to beginning installation. This includes installation of the equipment provided by others. Include coordination of final location of equipment and components provided by others, including piping connections into and out of the equipment.
14.	This Contractor shall provide all Task Lighting required for the performance of their work. General Building Egress Lighting will be provided; however, each work location will need to have contractor provided task lighting as needed to safely perform this contractors scope.
15.	This Contractor shall provide all Expansion Material required for any of their scope that crosses the building expansion joints.

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

B.	DOCUMENTS
1.	General Contract between Turner and the Owner including all attachments
2.	All documents in bid manual including but not limited to: <ul style="list-style-type: none"> • Drawings • Specifications • Scope of Work (Attachment B) • General Requirements • General Conditions • Special Conditions • Sample Subcontract Agreement Form (Form 36) • Sample BRS/3A Page
3.	Bid Manual including all Sketches and Attachments prepared by Turner Construction and listed below
4.	Attachments
	<ul style="list-style-type: none"> a. Attachment C - Safety Program b. Attachment E - Accounting Procedures c. Attachment F - Percentage Markup d. Attachment G - BP-05 Bid Schedule e. Attachment H - BIM General Requirements f. Attachment I - LEAN Subcontract Exhibit g. Attachment K - CCIP Manual h. Attachment L - Tree Protection Standards i. Attachment N – Turner Subcontractor Onboarding j. Attachment O – UK HEB Enhancing Worker Experience Plan k. Attachment P – Equipment Responsibility Matrix
5.	Sketches
	<ul style="list-style-type: none"> a. SK-001 – Site Logistics Plan b. SK-002 – BMP Plan c. SK-003 – BP-07 Site Storm Installation Plan d. SK-004 – Estimated Rock Surface e. SK-005 – Retention System Layout f. SK-006 – Site Topo Survey (ADD #1) g. SK-007 – Existing Retention System As Built (ADD #3)
6.	Specifications
	<p>The following specification sections are listed as the responsibility of the Subcontractor in defining its area of work on this project. Unless specifically indicated otherwise or excluded below, this Contractor is responsible for the complete specification sections indicated below.</p> <ul style="list-style-type: none"> a. 03 3000 Cast in Place Concrete (Partial) b. 26 0501 General Provisions c. 26 0503 Shop Drawings, Literature, Manuals, Parts Lists, and Special Tools d. 26 0504 Sleeving, Cutting, Patching, and Repairing (ADD #3) e. 26 0508 Coordination Among Trades, Systems Interfacing and Connection of Equipment Furnished by Others f. 26 0519 Conductors, Identifications, Splicing Devices and Connectors g. 26 0531 Cabinets, Outlet Boxes and Pull Boxes h. 26 0533 Raceways and Fittings i. 26 0543 Underground Ducts and Raceways for Electrical Systems j. 26 0553 Identifications for Electrical Systems k. 26 2726 Wiring Devices and Plates l. 26 5113 LED Lighting Fixtures and Lamps m. 27 0501 General Provisions - Telecommunications n. 27 0526 Grounding and Bonding for Communications Systems o. 31 2000 Earth Moving (Partial)

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

7.	Divisions 00 and 01 of the Specifications are general in nature and apply to all Subcontracts. These sections are included "complete" as part of this Subcontract Agreement.
8.	The Contractor is also responsible for trade specifications not specifically listed above but required by reference in the listed specifications or as required to perform the scope of work described herein, as well as the Bidding Requirements, Contracting Requirements and the use of the Construction Documents as a whole.

C.	SPECIFIC SCOPE ITEMS
1	<p>This Trade Contractor shall participate in the construction of on-site mock-ups as specified and indicated by the documents and/or noted elsewhere. This shall include providing materials required for this trade contract scope of work, coordinating with other trade contractors with regard to sequencing of installations and protection of materials etc..., furnishing shop drawings and /or setting drawings and so on. Materials for in place or interim mock-ups shall be secured in advance of normal procurement to allow for ALL trade contractor installations, owner/designer and user reviews and evaluations, meetings, approvals and directive if applicable. Mockups are understood to start with arrangement of wall rough-in through complete finishes.</p> <p>a. This contractor shall include an in-place mockup of lighting installation at precast panels at the south entrance to building.</p>
2	<p>This Trade Contractor shall furnish and install all sleeves and blockouts for this contractor's penetrations of walls, & utility structures. Coring of all foundation walls, utility structures, etc. as required to install the work shall be included. Any waterproofing damaged by core drilling activities shall be the responsibility of this contractor to repair to a water tight condition. All water proofing repair must be reviewed by Turner and the façade consultant prior to backfill commencing.</p> <p>a. This contractor to include all core drilling of utility structures, foundations walls, etc. as required for this scope of work</p> <p>b. This Trade Contractor is responsible for protection of all sleeves installed for (or existing) their scope of work.</p> <p>c. This contractor is to gain fire stopping PRIOR to backfill commencement.</p> <p>d. All openings installed under this scope are the sole responsibility of this contractor to ensure that they are water tight prior to their end of shift. This contractor shall coordinate openings with proper trades.</p> <p>e. Structures are already waterproofed</p> <p>f. This contractor shall provide all Firestopping per the specification listed below at all rated penetrations in coordination with installation of rated assemblies.</p>
3	<p>This Trade Contractor shall include all materials, labor, tools, supplies, transportation, taxes and equipment to provide all CAST-IN-PLACE CONCRETE (Partial) as shown on the Contract Documents and in accordance with section 03 3000.</p> <p>a. This contractor shall include all excavation, forming, reinforcement, and concrete for light pole bases. Excavation must be done via Hydro-Vac for all light pole bases.</p> <p>b. This contractor to include utilizing private locating company prior to all excavation.</p>
4	This contractor shall provide GENERAL PROVISIONS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0501 .
5	This contractor shall provide SHOP DRAWINGS, LITERATURE, MANUALS, PARTS LISTS, AND SPECIAL TOOLS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0503 .
6	This contractor shall provide COORDINATION AMONG TRADES, SYSTEMS INTERFACING AND CONNECTION OF EQUIPMENT FURNISHED BY OTHERS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0508 .
7	<p>This contractor shall provide CONDUCTORS, IDENTIFICATION, SPLICING DEVICES AND CONNECTORS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0519.</p> <p>a. This contractor to provide power to all manholes as shown on the drawings and terminate all wire within electrical panels located inside the building. Include all pathways required and as shown on the drawings.</p>

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

	b. This contractor to coordinate all outages with Turner and UK for any activities that will take power offline within the project, or in other facilities located on campus.
8	This contractor shall provide CABINETS, OUTLET BOXES AND PULL BOXES (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0531 .
9	This contractor shall provide RACEWAYS AND FITTINGS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0533 .
10	<p>This contractor shall provide UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0543.</p> <ul style="list-style-type: none"> a. This contractor to provide power to all manholes and utility structures provided by this contractor and others as shown on the drawings and terminate all wire within electrical panels located inside the building. Include all pathways required and as shown on the drawings. (ADD #3) b. This contractor is to include competent backfill of all excavations. c. This contractor to ignore notes ED21, and ED23 as these were completed in an earlier bid package. d. This contractor shall patch all asphalt as required to install conduits per note UE40 on E-211. e. All activities requiring excavation outside of the project limits must be done during off hours, from 7PM-5AM. This work must be coordinated with UK and Turner prior to commencement. f. This contractor shall include all SWPPP, fencing, etc. for all excavations outside the project limits. g. This Trade Contractor shall include an additional 200hrs OT for coordination of underground raceways to be used at the discretion of the CM.
11	This contractor shall provide IDENTIFICATIONS FOR ELECTRICAL SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0553 .
12	This contractor shall provide WIRING DEVICES AND PLATES (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 2726 .
13	<p>This contractor shall provide LED LIGHTING FIXTURES AND LAMPS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 5113.</p> <ul style="list-style-type: none"> a. This Trade Contractor shall include an additional 200hrs OT for site lighting coordination to be used at the discretion of the CM.
14	<p>This contractor shall provide GENERAL PROVISIONS - TELECOMMUNICATIONS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 27 0501.</p> <ul style="list-style-type: none"> a. Contractor to pay special attention to notes UE26, UE27, and UE28 on sheet E211 as these will require the contractor to access and pull from facilities surrounding the project. b. Personnel pulling fiber shall be certified under the BICSI installation certification program. c. Access to all buildings outside the project limits is strictly prohibited, and must be coordinated and approved by Turner and UK prior to commencement.
15	This contractor shall provide GROUNDING AND BONDING FOR TELECOMMUNICATIONS SYSTEMS (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 27 0526 .
16	<p>This contractor shall provide EARTH MOVING (Partial) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 31 2000.</p> <ul style="list-style-type: none"> a. This contractor shall follow all backfill requirements as specified for all excavations. b. This trade contractor needs to take into consideration that there are steam, chilled water, utility structures, and other utility lines located on the North and NE sides of the building and need to make sure to excavate around these lines with caution and follow Turner's safety Policy on Excavations around utilities.
17	<p>The BIM model of all work previously installed by site utilities contractors will be provided. This Trade Contractor take this previous bid package model and build upon it, incorporating BIM coordination as detailed in ATTACHMENT H. This work includes but is not limited to the following:</p> <ul style="list-style-type: none"> a. All systems installed under this scope of work. b. Site storm installations installed by TC-044 Site Grading and Storm.

Attachment "B"
SCOPE OF WORK
TC-047 – Site Electric

	<p>i. Final locations to be provided by TC-044.</p> <p>c. Irrigation installations performed by TC-45 Landscaping.</p> <p>i. Include all sprinkler piping, and heads.</p>
18	This contractor shall include an early mobilization to install pathways to new chilled water vault located on the northeast corner of the site. Timing to be coordinated with Turner.
19	This contract or to include an additional early mobilization run pathways inside the building from panels to stub out of building.
20	<p>This contractor shall provide sump pumps and power for pumps for storm structures 8A, 8B, and 12 as shown on Sheets C600 and C601.</p> <p>a. Forced main piping to pumps will be provided by others. (ADD #3)</p>
21	This contractor shall provide SLEEVING, CUTTING, PATCHING, AND REPAIRING (COMPLETE) as required for this scope of work and as shown on the Contract Documents and in accordance with specification section 26 0504 . (ADD #3)

D.	EXCLUSIONS
	The Scope of Work shall exclude the following:
1.	Payment & Performance Bond

E.	ALLOWANCES
	<p>The Contract Sum shall be the addition of a base bid amount plus allowances. It is expressly understood and agreed that all allowance work will be completed within the original schedule. Progress Payments will be made against Allowance expenditures, based on approved monthly invoices & written Allowance Authorization from Turner. Any unused funds remaining in these allowances will be credited back to the Project.</p> <p>Only direct Labor, Material, and Equipment costs authorized in writing by Turner after approval by the Owner are to be charged to the Allowance. The Subcontractor's cost for all overhead and profit on the allowance amount shall be included in the base bid amount and not in the allowance amount.</p>
1.	Document Control Server Allowance - \$5,000
2.	Additional Hydro-Vac Excavation Allowance – \$10,000
3.	Additional Precast Retaining Wall Lighting Coordination Allowance – \$10,000

F.	SCHEDULE
1.	Schedule information is included within the bid manual (Attachment G) to aid the Subcontractor in anticipating material deliveries, and manpower and equipment requirements. The information describes only the major activities of this scope of work and does not attempt to describe any out of sequence work required.
2.	<p>The Contractor must confirm that you will meet the project schedule as indicated in the bid manual. It is absolutely critical that the work of this contract be completed by the dates define. Shift work, multiple mobilizations, and out of sequence work will be required. It is imperative that all milestones be met. The Bidders shall include all necessary costs, including, but not limited to, premium time, shift work, out of sequence work, equipment, supervision, etc. to meet these milestones.</p>
3.	Due to the critical nature of the schedule, the Trade Contactor must supply the Construction Manager a detailed plan for his production on the project within 20 calendar days of Contract Award. Please note that

Attachment "B"
SCOPE OF WORK
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	<p>this plan must be compatible and complimentary to the Project Schedule. Plan shall include the following items:</p> <ul style="list-style-type: none">a. Starting, peak, and final manpower requirements, including subcontractors. Include production rates if requested.b. Shift work plan.c. Number of Foremend. Anticipated lead times and permit approval.e. The Trade Contractor shall work with the Construction Manager and Contractors in "Pull Planning" and the 6-week look-ahead schedule, including manpower information, on a weekly basis. Compliance is a prerequisite for payment.
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G.	ALTERNATES
1.	<p>The following "Alternate(s)" may be accepted and incorporated herein as part of the Scope of Work for the respective price. Inasmuch as these Alternates were anticipated from the inception of the project and were priced accordingly, all overhead, profit and escalation has been included within the lump sum amount and the price shall remain firm throughout the duration of the project, unless specifically noted. Indicate Add/Deduct Price on the Form of Proposal.</p>
	N/A

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SCOPE OF WORK
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BIDDER’S PROPOSED MAJOR SUBCONTRACTORS AND SUPPLIERS

*****DUE BY BID DEADLINE*****

For the purposes of this form, a major subcontractor or supplier is a person or entity that will have a direct or assigned contract or purchase order for the performance or supply of any item listed below if the bidder is successful.

All subcontractors must comply with the laws of the Commonwealth of Kentucky and the policies and procedures of the University of Kentucky as administrated by the UK Capital Construction Procurement Section and Capital Project Management Division.

If the bidder will self-perform these items, list “Self-Perform” for each applicable item.

No major subcontractor or supplier may be added or changed without written consent of the Owner’s representative after the bid deadline.








<u>ITEM or DIVISION OF WORK</u>	<u>NAME AND ADDRESS OF SUBCONTRACTOR</u>
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LIST OF MATERIALS AND EQUIPMENT

The apparent low bidders will be required to complete and submit the following information by twelve o'clock (12) noon of the first working day following the bid opening. The information requested in this submittal is required to assist the University in determining contractor responsibility to complete the project being bid.

[illegible]

Activity ID		Activity Name	Orig Dur	Rem Dur	% Compl	Start	Finish
BP-01A ESI Curtain Wall & Precast			257	110		02-Dec-24 A	04-Dec-25
BP-01A Construction			257	110		02-Dec-24 A	04-Dec-25
BP-01B ESI Elevators			270	270		13-Nov-25	08-Dec-26
BP-01B Construction			270	270		13-Nov-25	08-Dec-26
BP-02 Site Exc./Foundations/Site Utilities			331	77		17-Feb-25 A	16-Oct-25
BP-02 Construction			331	77		17-Feb-25 A	16-Oct-25
BP-03 Structural Steel			162	47		13-Jan-25 A	04-Sep-25
BP-03 Construction			162	47		13-Jan-25 A	04-Sep-25
BP-04 MEP Equip/Risers/Roof/SAFP/Misc. Metals			310	205		31-Jan-25 A	20-Apr-26
BP-04 Construction			310	205		31-Jan-25 A	20-Apr-26
BP-05 Interior Fit Out			452	387		07-Feb-25 A	08-Jan-27
BP-05 Construction			452	387		07-Feb-25 A	08-Jan-27
BP-06 AV			63	17		21-May-25 A	24-Jul-25
BP-06 Bidding			63	17		21-May-25 A	24-Jul-25
BP-07 Sitework			344	331		23-Jun-25 A	16-Oct-26
BP-07 Bidding			66	53		23-Jun-25 A	15-Sep-25
BP-07 Construction			160	160		04-Mar-26	16-Oct-26
A1400	BP-07_Install Garden Level Retention and Concrete Work		50	50	0%	04-Mar-26	12-May-26
A1360	BP-07_Loading Dock Foundations and CMU Walls		30	30	0%	13-May-26	24-Jun-26
A200	BP-07_Construct Landscape/Hardscape/Grading - North		45	45	0%	11-Jun-26	13-Aug-26
A1370	BP-07_Install and Checkout Generator & ATS		10	10	0%	25-Jun-26	09-Jul-26
A1380	BP-07_Complete Remaining Loading Dock Work		30	30	0%	10-Jul-26	20-Aug-26
A210	BP-07_Construct Landscape/Hardscape/Grading - South		45	45	0%	14-Aug-26	16-Oct-26
A1390	BP-07_Punch Loading Dock		10	10	0%	21-Aug-26	03-Sep-26
BP-08 Simulation			72	34		23-Jun-25 A	18-Aug-25
BP-08 Bidding			72	34		23-Jun-25 A	18-Aug-25
BP-09 Signage			68	69		04-Jun-25 A	07-Oct-25
BP-09 Bidding			68	69		04-Jun-25 A	07-Oct-25
No Bid Pkg			30	30		23-Dec-26	05-Feb-27
CTR2140	Milestone - **CONSTRUCTION COMPLETE**		0	0	0%		23-Dec-26
MS150	**SUBSTANTIAL COMPLETION**		0	0	0%		08-Jan-27*
MS160	FINAL Completion		0	0	0%		05-Feb-27

 Remaining Level of Effort  Milestone
 Actual Level of Effort  Completed Milestone
 Actual Work
 Remaining Work
 Critical Remaining Work

Attachment G BP-07 Bid Schedule (ADD #3)
Data Date 30-Jun-25



Start Date	29-Jun-23
Finish Date	05-Feb-27
Data Date	30-Jun-25



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UK HEB
LEXINGTON, KY
OVERALL SITE PLAN

TURNER CONSTRUCTION

plot size: ANSI D (22.00 x 34.00 inches)

plot scale: 1:1

plot date: 5/3/24

Filename: X-4.1 OVERALL SITE PLAN.DWG

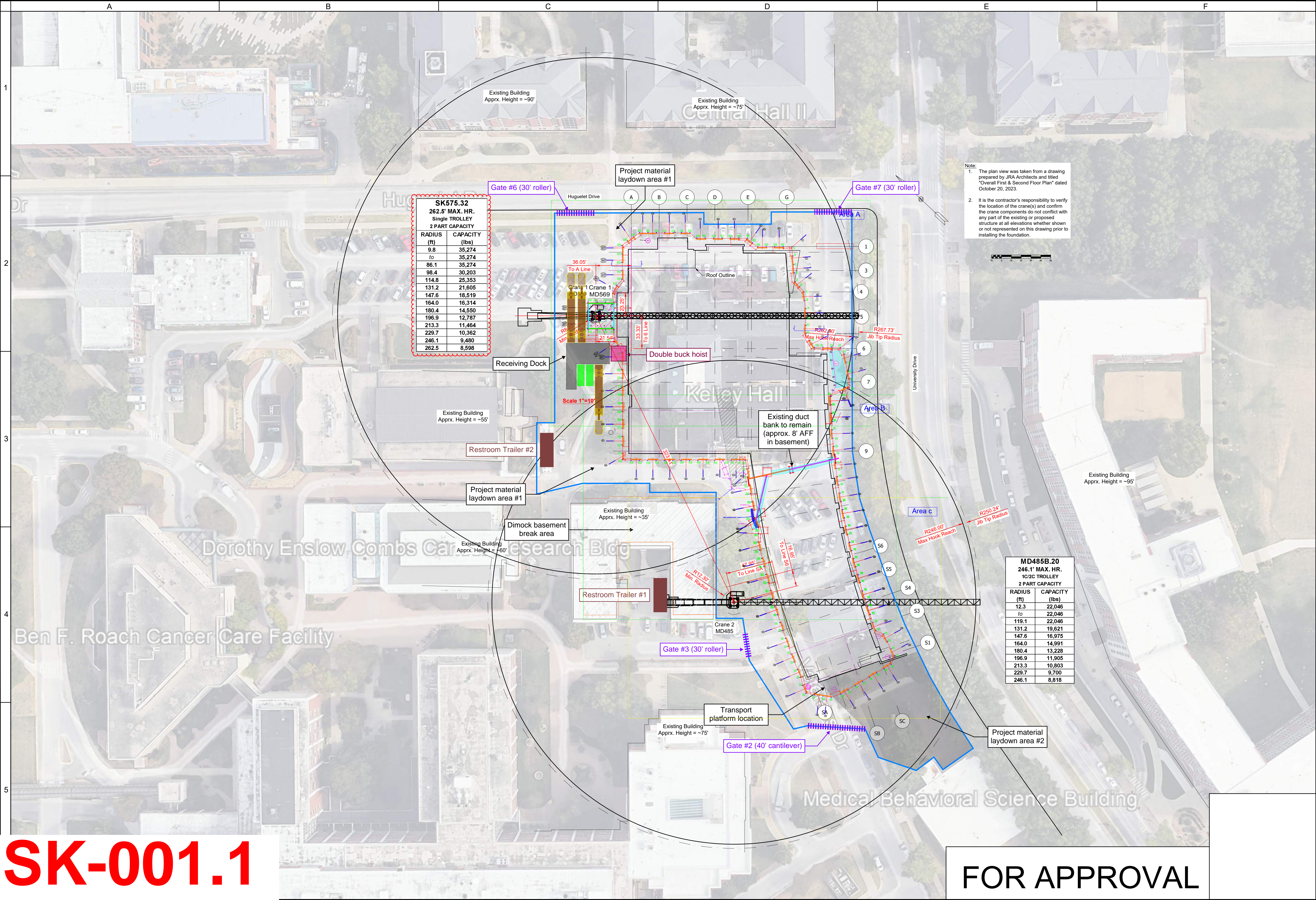
MD485B.20	
246.1" MAX. HR.	
1C/2C TROLLEY	
2 PART CAPACITY	
RADIUS	CAPACITY
(ft)	(lbs)
12.3	22,046
to	22,046
119.1	22,046
131.2	19,621
147.6	16,975
164.0	14,991
180.4	13,228
196.9	11,905
213.3	10,803
229.7	9,700
246.1	8,818

SK575.32 262.5" MAX. HR. Single TROLLEY 2 PART CAPACITY	
RADIUS (ft)	CAPACITY (lbs)
9.8	35,274
10	35,274
86.1	35,274
98.4	30,203
114.8	25,353
131.2	21,605
147.6	18,519
164.0	16,314
180.4	14,550
196.9	12,787
213.3	11,464
229.7	10,362
246.1	9,480
262.5	8,598

Note:

1. The plan view was taken from a drawing prepared by JRA Architects and titled "Overall First & Second Floor Plan" dated October 20, 2023.
2. It is the contractor's responsibility to verify the location of the crane(s) and confirm the crane components do not conflict with any part of the existing or proposed structure at all elevations whether shown or not represented on this drawing prior to installing the foundation.

FOR APPROVAL



MAXIM

Crane Works, L.P.

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UK HEB
LEXINGTON, KY
OVERALL SITE PLAN

TURNER CONSTRUCTION

REV

NOTE

DATE

Job #:

24-0006

Drawn by:

KWH

Check by:

RWN

Sheet:

X-4.1

plot size: ANSI D (22.00 x 34.00 inches)

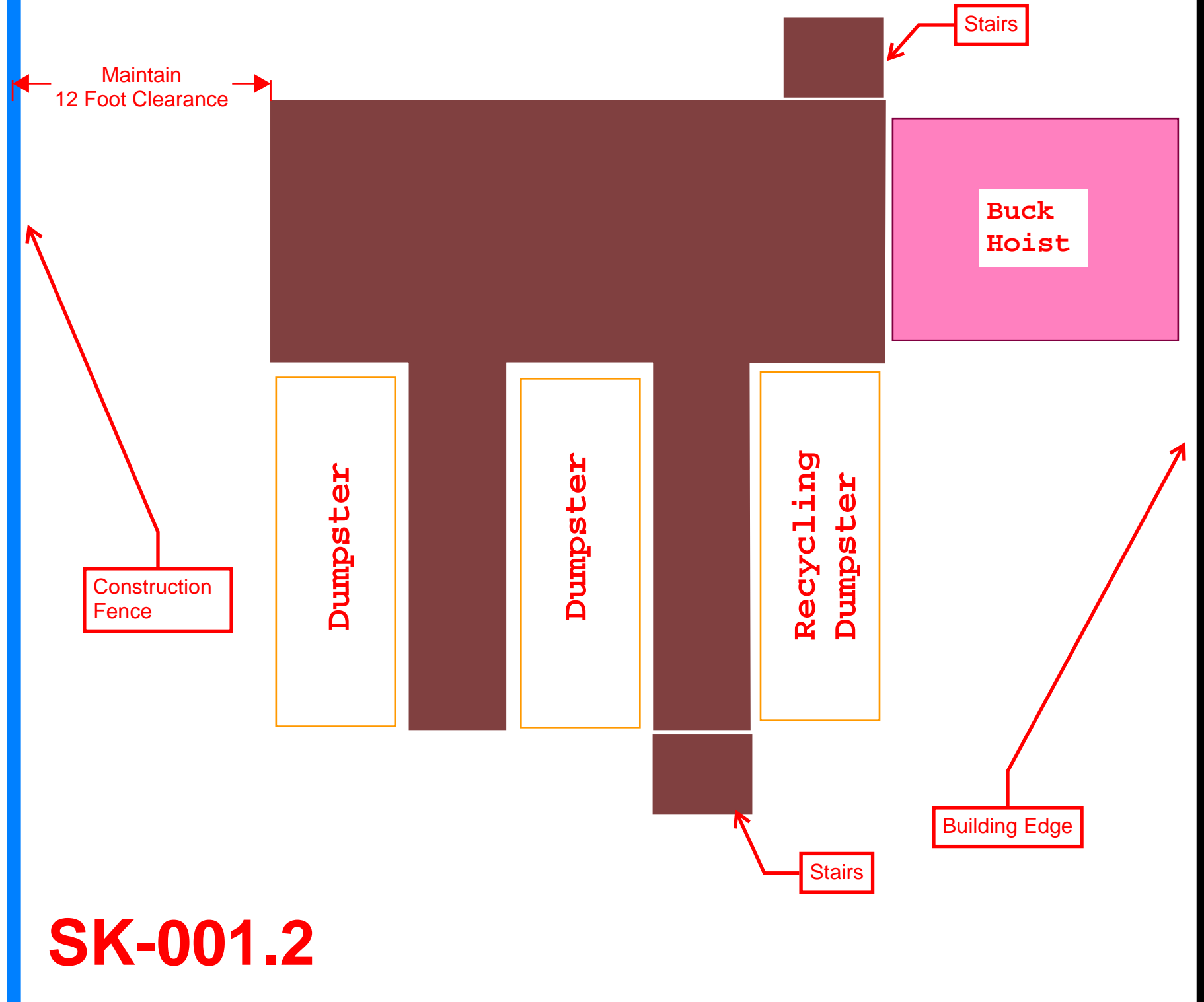
plot scale: 1:1

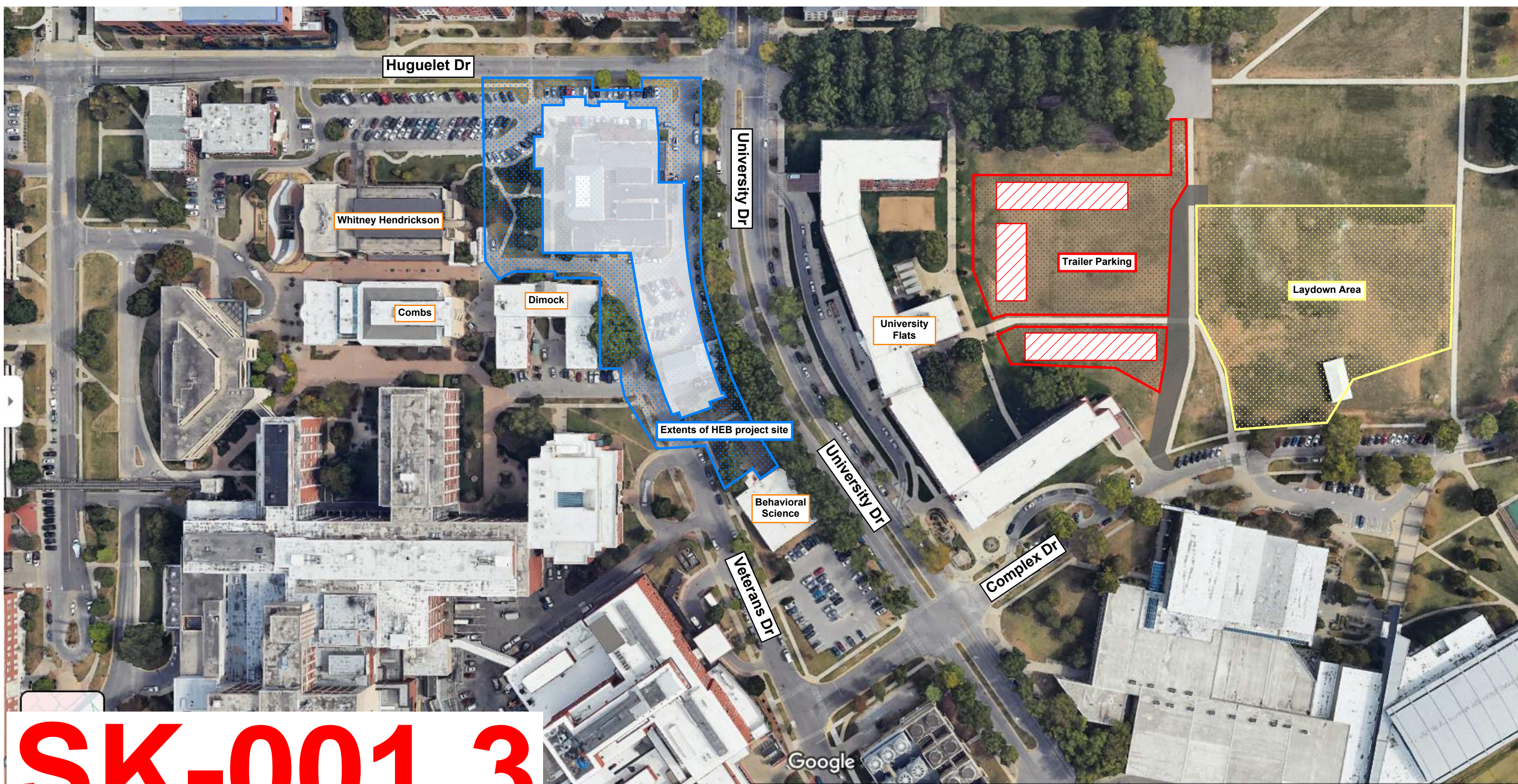
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filename: X-4.1 OVERALL SITE PLAN.DWG

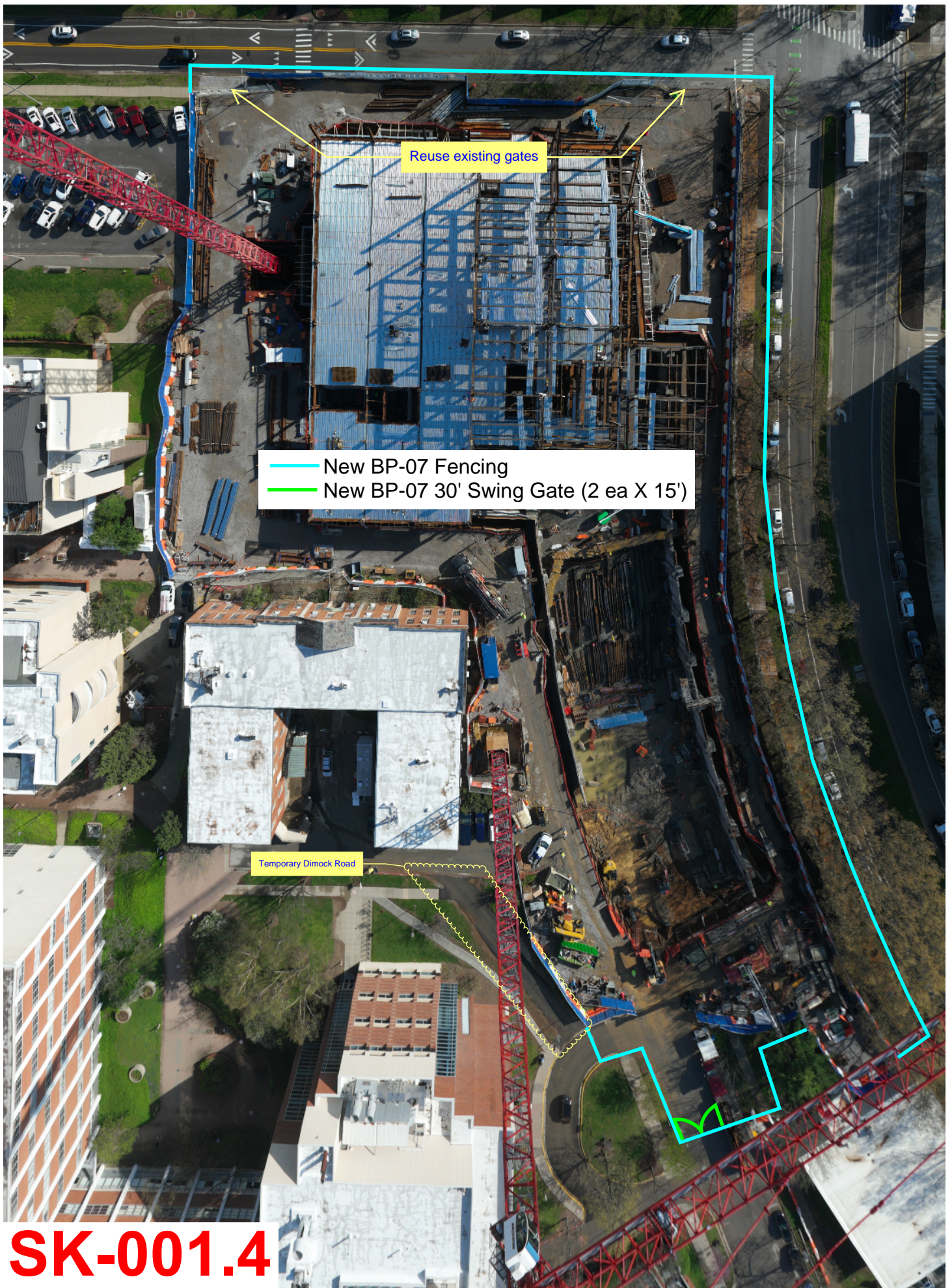
SK-001.1

FOR APPROVAL





SK-001.3

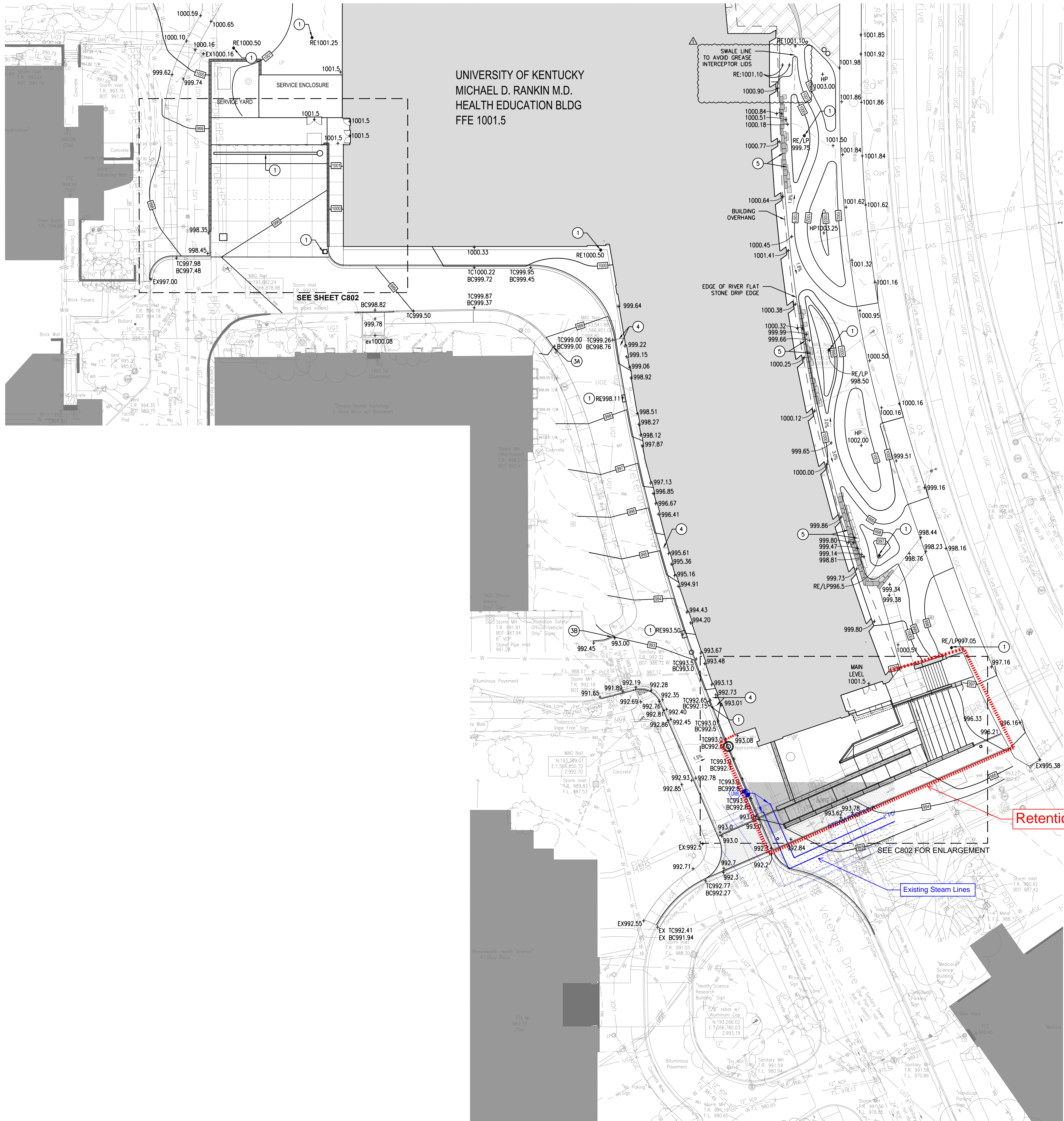


Reuse existing gates

- New BP-07 Fencing
- New BP-07 30' Swing Gate (2 ea X 15')

Temporary Dimock Road

SK-001.4



Site Grading Plan - South

SITE GRADING PLAN CODED NOTES

KEY	DESCRIPTION	DETAILS
1	STORM STRUCTURE - SEE C600 SERIES FOR MORE INFORMATION - SUBJECT TO CHANGE AFTER INITIAL CONSTRUCTION DOCUMENT SUBMITTAL DUE TO DEVELOPING CONDITIONS	-
2	2% SLOPE OUT OF BUILDING FOR 4'-0" MINIMUM BEFORE TRANSITIONING TO STEEPER SLOPE	-
3A	POINT OF TRANSITION BETWEEN CONCRETE CURB AND GUTTER AND FLUSH CONCRETE WITH TURNED DOWN EDGE. FLUSH CURB CONDITION CONTINUES SOUTH UNTIL MEETING EXISTING CURB	-
3B	TRANSITION FLUSH CONCRETE CURB TO FULL HEIGHT CURB WITH 6" HEIGHT TAPER	-
4	CONCRETE APRON TO SLOPE AWAY FROM BUILDING AT 2% MINIMUM AND 4.99% MAXIMUM	-
5	LEDGER ROCK STEPS AT VARIABLE INTERVALS BETWEEN 3"-5". LEDGER ROCK MAY REQUIRE 2-4 COURSES TO MEET APPROPRIATE GRADE. FIELD VERIFICATION IS REQUIRED TO PREPARE THIS AREA FOR LEDGER ROCK TO ALIGN TO BUILT CONDITIONS.	L/C1100 AND E/C1102
6	EXTENTS OF AREA TO HAVE A 1-1/2" MILL AND OVERLAY THAT MEET EXISTING SURFACE ARE TO MEET FLUSH WITH SMOOTH AND UNIFORM TRANSITION. THE INTENT OF THE MILL AND OVERLAY AT THE CORNER OF HUGUELET AND UNIVERSITY IS TO DIRECT DRAINAGE AWAY FROM FLUSH CURB RAMP. ALL SAW CUTS TO HAVE CLEAN STRAIGHT LINES.	I / C1100

GRAPHIC LEGEND

924	MINOR EXISTING CONTOUR
925	MAJOR EXISTING CONTOUR
924	MINOR PROPOSED CONTOUR
925	MAJOR PROPOSED CONTOUR
+12.83	SPOT ELEVATIONS
1.5%	SLOPE DIRECTION

GRADING LEGEND

EX	EXISTING SPOT
TC	TOP OF CURB
BC	BOTTOM OF CURB
TS	TOP OF STEP
BS	BOTTOM OF STEP
GR	STORM GRATE ELEVATION
RE	RM ELEVATION
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
TW	TOP OF WALL
BW	BOTTOM OF WALL

Retention System

Retention System

Existing Steam Lines

RESERVED FOR AHJ STAMP

