Science Building Plaza Paver Replacement

Highland Heights, Kentucky

for the

Northern Kentucky University

Louie B Nunn Drive, Highland Heights, Kentucky 41099
p 859.572.5100

NKU-19-2021

RTA # 2013

rosstarrant architects

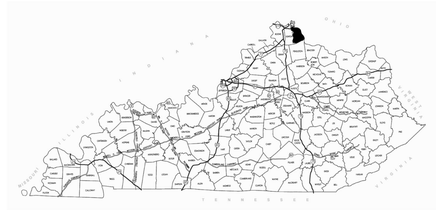
101 old lafayette avenue
lexington, kentucky 40502
p 859.254.4018
www.rosstarrant.com

enhancing education through great design

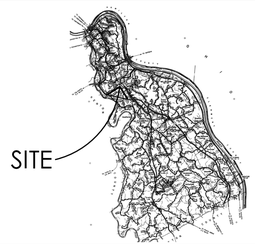
PROJECT SITE ADDRESS:

Louie B Nunn Drive
Highland Heights, Kentucky
41099

VICINITY MAP



PROJECT VICINITY MAP



INDEX OF DRAWINGS

rosstarrant architects
101 old lafayette avenue lexington, kentucky 40502 p 859.254.4018

COVER SHEET

SCIENCE BUILDING PLAZA PAVER REPLACEMENT
FOR THE:
NORTHERN KENTUCKY UNIVERSITY
LOUIE B NUNN DRIVE, HIGHLAND HEIGHTS, KY 41099

NKU # 19-2021

Project No: 2013
Drawn By: FB
Rev'd By: JDS

SHEET RELEASE

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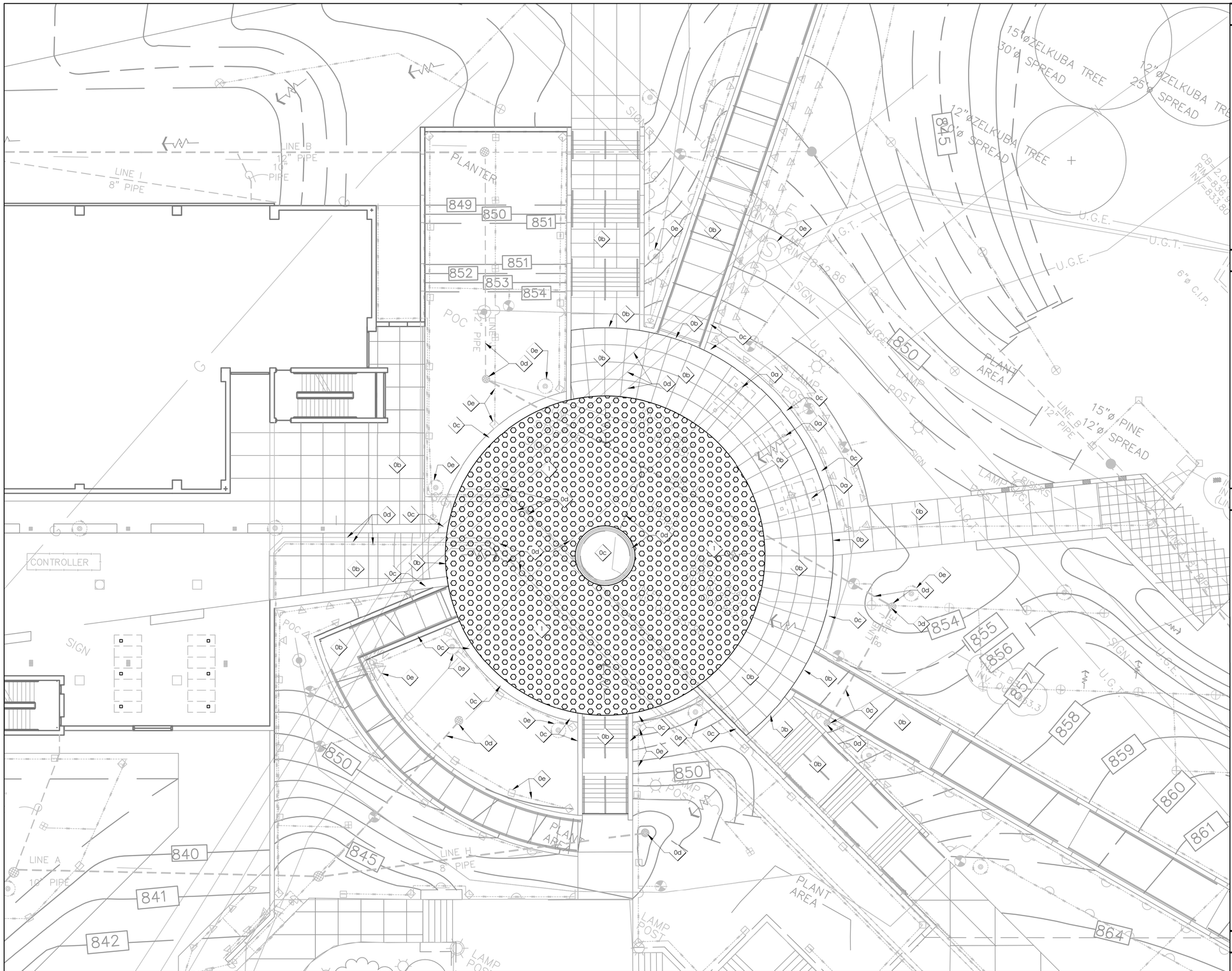
CONSTRUCTION DOCUMENTS

G0.0

COVER SHEET

DATE ISSUED:
12/08/2020



SITE DEMOLITION PLAN

SCALE : 1"=10'

A SD1.0

0 10 20 Feet

GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON ARCHITECTS OWN FIELD VERIFICATION OF EXISTING CONDITIONS AND PREVIOUS DRAWING INFORMATION.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
3. THE ARCHITECT AND ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.
4. THE CONTRACTOR SHALL USE EXTREME CARE IN WORKING AROUND EXISTING OVERHEAD AND UNDERGROUND UTILITIES. MEASURES SHOULD BE TAKEN TO PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION.
5. REFER TO OWNER FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING, AND REQUIREMENTS FOR BUILDING SAFETY DURING CONSTRUCTION.
6. CONTRACTOR TO DOCUMENT EXISTING CONDITIONS WITH PHOTOS AND SHARE WITH OWNER AND ARCHITECT PRIOR TO THE START OF WORK. SPECIFY ANY AREAS THAT COULD BE MISCONSTRUED AS DAMAGED BY CONSTRUCTION.

SITE DEMOLITION NOTES

1. EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN THE OWNERS PROPERTY, DEMOLISHED MATERIALS SHALL BECOME THE CONTRACTORS PROPERTY AND SHALL BE REMOVED FROM THE SITE WITH FURTHER DISPOSITION AT THE CONTRACTORS OPTION.
2. MINIMIZE PRODUCTION OF DUST; DO NOT USE WATER IF IT WILL RESULT IN ICE, FLOODING, SEDIMENTATION OF STORM SEWERS, OR OTHER POLLUTION.
3. CONTRACTOR IS RESPONSIBLE TO COORDINATING WITH OWNER AND PROVIDING STAGING/PHASING PLAN FOR APPROVAL. CONTRACTOR TO PROVIDE ACCESSIBLE PATHWAYS TO ALL PRIMARY BUILDING ENTRANCES.
4. OWNER WILL OCCUPY AREAS IMMEDIATELY ADJACENT TO DEMOLITION AREAS. CONDUCT SELECTIVE DEMOLITION SO THAT OWNERS OPERATION WILL NOT BE DISTURBED.
5. MAINTAIN ACCESS TO EXISTING WALKWAYS, EXITS, AND OTHER OCCUPIED FACILITIES. DO NOT CLOSE OR OBSTRUCT WALKWAY, EXIT, OR OCCUPIED FACILITIES WITHOUT WRITTEN PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION.
6. FILL ALL PITS AND EXCAVATIONS WITH APPROVED MATERIALS SO THAT GRADE ELEVATIONS DO NOT SUBSIDE WITHIN 1 YEAR AFTER COMPLETION.
7. PROTECT ALL ELEMENTS TO REMAIN. PROVIDE BRACING AND SHORING. PREVENT MOVEMENT AND SETTLEMENT OF STRUCTURES. STOP WORK IMMEDIATELY IF ADJACENT STRUCTURES APPEAR IN DANGER.

SITE DEMOLITION TAGS

0 EXISTING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION.
- [a] SITE FURNISHINGS TO REMAIN.
- [b] CONCRETE PAVING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION. PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION
- [c] EXISTING CONCRETE WALL/PEDESTAL TO REMAIN.
- [d] EXISTING STORM STRUCTURE TO REMAIN.
- [e] EXISTING UTILITY TO REMAIN.

1 DEMOLISH AND REMOVE EXISTING PAVERS AND AGGREGATE BASE.

LEGEND

PAVER DEMOLITION

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STATE OF KENTUCKY
JOSHUA DESPAIN
840
REGISTERED LANDSCAPE ARCHITECT
12/08/2020

STATE OF KENTUCKY
LAITH M. ROSS
19315
LICENSED PROFESSIONAL ENGINEER
12/08/2020

SITE DEMOLITION PLAN
SCIENCE BUILDING PLAZA PAVER REPLACEMENT
FOR:
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CONSTRUCTION DOCUMENTS

SD0.1

SITE DEMOLITION PLAN

DATE ISSUED:
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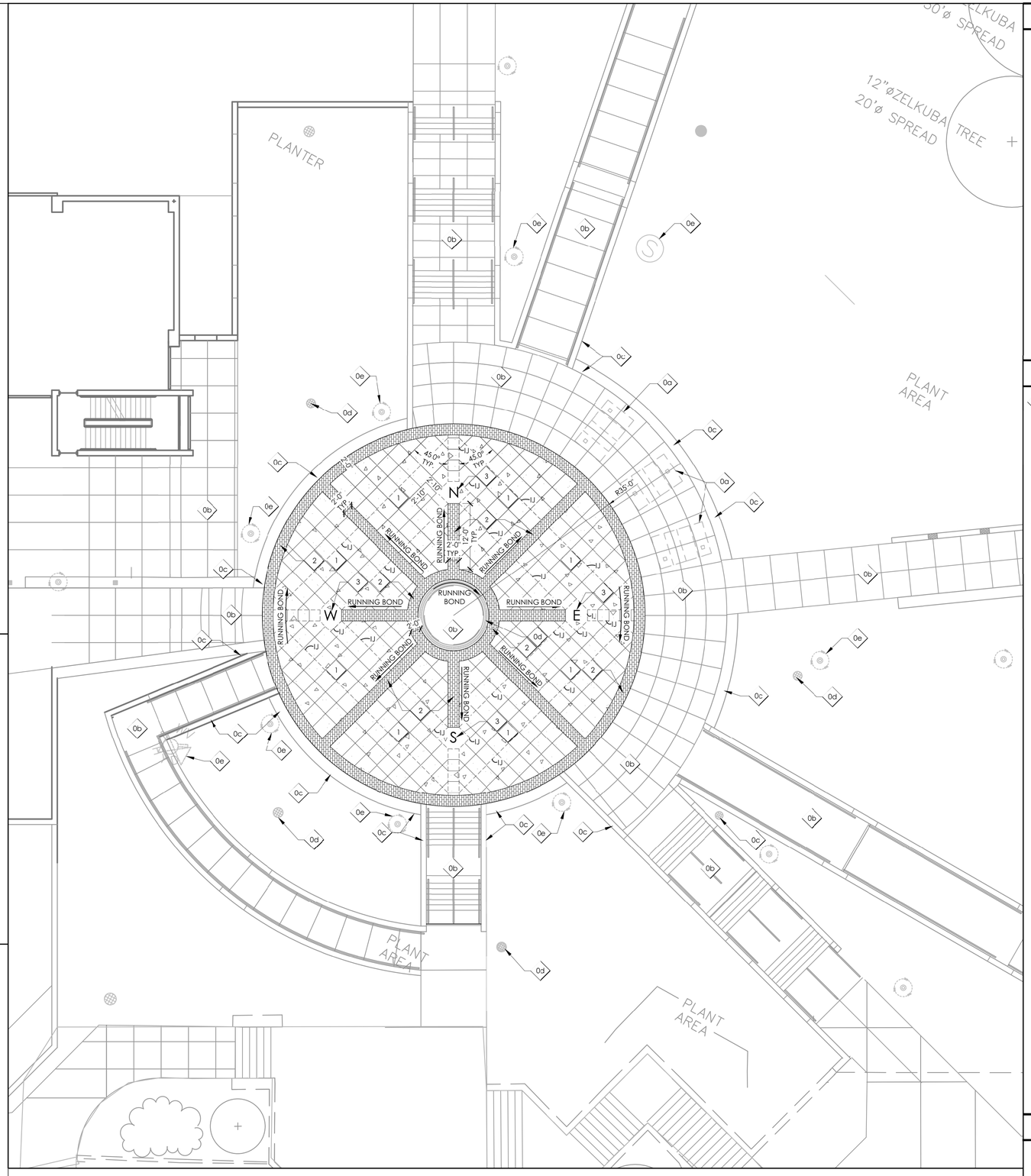
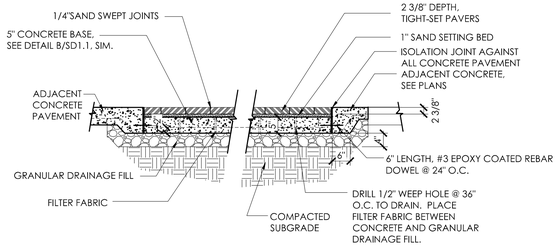


SITE DEVELOPMENT PLAN

SCALE : 1"=10'

A SD1.1

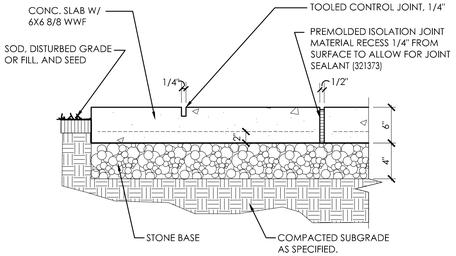
Feet 0 10 20



PAVERS SET ON CONCETE BASE

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

C SD1.1



6" CONCRETE PAVEMENT

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

B SD1.1

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4. THE CONTRACTOR SHALL USE EXTREME CARE IN WORKING AROUND EXISTING OVERHEAD AND UNDERGROUND UTILITIES. MEASURES SHOULD BE TAKEN TO PROTECT ALL UTILITIES FROM DAMAGE DURING CONSTRUCTION.
5. REFER TO OWNER FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING, AND REQUIREMENTS FOR BUILDING SAFETY DURING CONSTRUCTION.
6. CONTRACTOR TO DOCUMENT EXISTING CONDITIONS WITH PHOTOS AND SHARE WITH OWNER AND ARCHITECT PRIOR TO THE START OF WORK. SPECIFY ANY AREAS THAT COULD BE MISCONSTRUED AS DAMAGED BY CONSTRUCTION.
7. ALL LANDSCAPING MATERIALS SHALL BE INSTALLED IN A SOUND, WORKMAN-LIKE MANNER, AND ACCORDING TO BEST PRACTICE CONSTRUCTION AND PLANTING PROCEDURES. ANY LANDSCAPE MATERIAL THAT IS DEEMED UNACCEPTABLE, OR INSTALLED IN A MANNER THAT RENDERS THEM UNACCEPTABLE AS DETERMINED BY THE OWNER, SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIALS. ALL CHANGES AND SUBSTITUTIONS OF PLANT AND LANDSCAPE MATERIALS MUST BE APPROVED BY THE OWNER.

SITE DEVELOPMENT TAGS

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- [b] CONCRETE PAVING TO REMAIN. PROTECT THROUGHOUT CONSTRUCTION. PATCH/REPAIR WHERE DAMAGED BY CONSTRUCTION.
- [c] EXISTING CONCRETE WALL/PEDESTAL TO REMAIN.
- [d] EXISTING STORM STRUCTURE TO REMAIN.
- [e] EXISTING UTILITY TO REMAIN.

1 6" CONCRETE PAVEMENT. SEE DETAIL B/SD1.1 (321313)

2 PRECAST PAVERS ON CONCRETE BASE. SEE DETAIL C/SD1.1. (321313, 321413)

3 24" HEIGHT, CAST IN PLACE, STAINLESS STEEL LETTERING. (321313)

LEGEND

PRECAST PAVERS

CONCRETE PAVEMENT

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STATE OF KENTUCKY
JOSHUA T. DESPAIN 840
REGISTERED LANDSCAPE ARCHITECT
12/08/2020

STATE OF KENTUCKY
LAITH M. ROSS 19315
LICENSED PROFESSIONAL ENGINEER
12/08/2020

SITE DEVELOPMENT AND LAYOUT PLAN

SCIENCE BUILDING PLAZA PAVER REPLACEMENT
FOR:
NORTHERN KENTUCKY UNIVERSITY
LOUIE B NUNN DRIVE, HIGHLAND HEIGHTS, KY 41099

NKU-19-2021

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CONSTRUCTION DOCUMENTS

SD1.1

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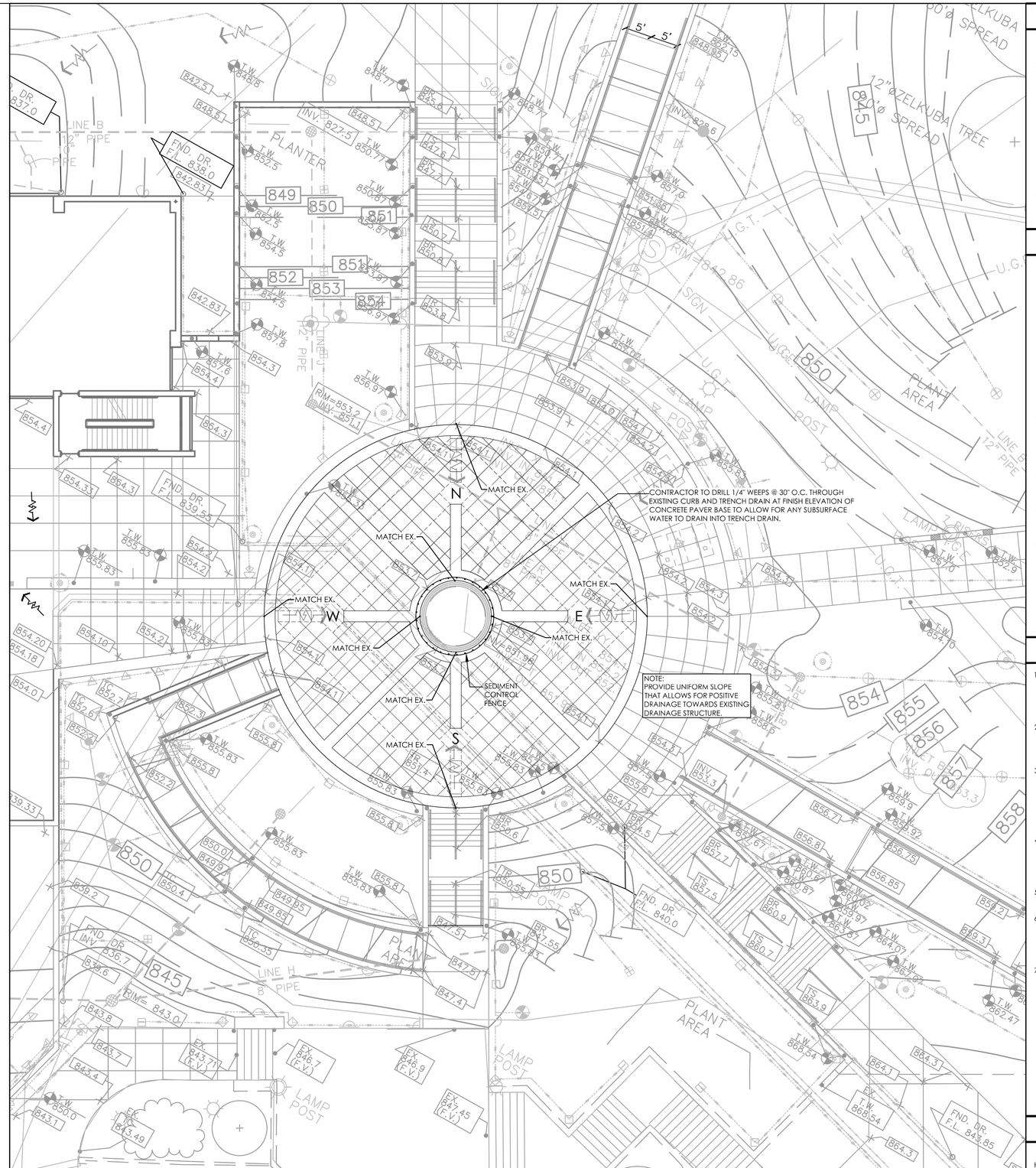

SITE GRADING AND EROSION POLLUTION AND SEDIMENT CONTROL PLAN

SCALE: 1"=10'

0 10 20 Feet

A SD2.1

GENERAL SITE NOTES

1. THE SITE PLANS WERE PREPARED BASED UPON ARCHITECTS OWN FIELD VERIFICATION OF EXISTING CONDITIONS AND PREVIOUS DRAWING INFORMATION.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE FEATURES AND CONDITIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
3. THE ARCHITECT AND ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO HAZARDOUS MATERIALS IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO ASBESTOS, ASBESTOS PRODUCTS, POLYCHLORINATED BIPHENYL (PCB) OR OTHER TOXIC SUBSTANCES.
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5. REFER TO OWNER FOR INFORMATION REGARDING CONSTRUCTION SCHEDULE/SEQUENCING, CONSTRUCTION FENCING/STAGING, AND REQUIREMENTS FOR BUILDING SAFETY DURING CONSTRUCTION.
6. CONTRACTOR TO DOCUMENT EXISTING CONDITIONS WITH PHOTOS AND SHARE WITH OWNER AND ARCHITECT PRIOR TO THE START OF WORK. SPECIFY ANY AREAS THAT COULD BE MISCONSTRUED AS DAMAGED BY CONSTRUCTION.

SITE GRADING NOTES

1. THE CONTRACTOR SHALL VERIFY LOCATIONS AND ACTUAL DEPTHS OF ALL EXISTING STORM DRAINS, GAS MAINS, WATER MAINS, AND PIPES TO ALL NEW CONNECTIONS AND CROSSINGS. CONTRACTOR SHALL PAY PARTICULAR ATTENTION TO AREAS WHERE CONSTRUCTION OR GRADING MAY INTERFERE WITH SUCH LINES.
2. ANY DISCREPANCIES BETWEEN THIS GRADING PLAN AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO EXCAVATION, GRADING, TRENCHING, OR OTHER CONSTRUCTION OF ANY SORT. FAILURE TO NOTIFY THE ARCHITECT IN WRITING PRIOR TO COMMENCEMENT OF EXCAVATION, GRADING, TRENCHING, OR OTHER CONSTRUCTION SHALL IMPLY THE CONTRACTOR'S VERIFICATION OF AND ACCEPTANCE OF EXISTING SITE CONDITIONS. SAID FAILURE TO NOTIFY THE ARCHITECT IN WRITING SHALL IDENTIFY AND HOLD HARMLESS THE OWNER FROM ANY ADDITIONAL COSTS INCURRED BY THE CONTRACTOR DUE TO DISCREPANCIES NOT REPORTED WHICH COULD HAVE BEEN DETECTED BY PRUDENT AND REASONABLE OBSERVATION AND VERIFICATION BY THE CONTRACTOR.
3. ALL IMPERVIOUS SURFACES SHALL BE GRADED AND INSTALLED WITH A MINIMUM SLOPE OF ONE PERCENT (1%) AND A MAXIMUM SLOPE OF SEVEN PERCENT (7%) UNLESS OTHERWISE NOTED ON THE PLANS.
4. SLOPE PERVIOUS SURFACES MIN. 5 % AWAY FROM WALLS AND FOUNDATIONS.
5. MAINTAIN GRADING TO PROMOTE POSITIVE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO POND IN CONSTRUCTION AREAS.
6. RELOCATED UTILITY LOCATIONS ARE TO BE APPROVED BY THE ARCHITECT PRIOR TO STARTING WORK.
7. ANY LAWN AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RECONDITIONED AND SODDED PER THE SPECIFICATIONS.
8. COMPACT SOIL TO NOT LESS THAN THE FOLLOWING PERCENTAGES OF THEIR STANDARD PROCTOR MAXIMUM DRY DENSITY AT PLUS OR MINUS TWO (2) PERCENT OF OPTIMUM MOISTURE CONTENT:
   a) PAVED AREAS AND WALKS - 95%
9. ALL TREES ARE TO REMAIN, EITHER ON THE DRAWING OR IN THE FIELD, ARE TO BE PROTECTED IN ACCORDANCE WITH THE SPECIFICATIONS.
10. THE CONTRACTOR SHALL ENSURE THAT CONSTRUCTION DEBRIS AND SEDIMENT ARE REMOVED DAILY FROM SITE DRIVEWAYS, PARKING AREAS, WALKWAYS AND SURROUNDING ROADWAYS AND WALKWAYS.
11. EXCESS SATISFACTORY SOILS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE DISPOSED OF OFF-SITE AT A LOCATION
12. ALL EXISTING FINISH GRADES SHOWN ARE TO BE MET WITH INSTALLATION OF NEW PAVERS AND PAVEMENT SCOPE SHOWN. REFER TO SD1.1 FOR LOCATIONS OF PAVEMENT TYPES.

SITE BMP NOTES

1. SEDIMENT CONTROL FENCING SHOWN AND REFERENCES TO SEDIMENT CONTROLS AT STORM WATER STRUCTURES AND ELSEWHERE ON THE DOCUMENTS ARE NOT TO BE USED FOR DIVISION OF WATER REQUIREMENTS. THESE REFERENCES ARE ONLY REQUIRED BY THE DESIGNER FOR PROPER MAINTENANCE OF THE STORM WATER SYSTEM AND TO MINIMIZE CLEANING OF THE SYSTEM AND PAVEMENTS.
2. EXISTING VEGETATION IS TO BE LEFT INTACT UNTIL CONSTRUCTION IN THAT PARTICULAR LOCATION IS REQUIRED. SOIL STABILIZATION PRACTICES (SEEDING, MULCHING, ETC.) ARE TO BEGIN WITHIN 14 DAYS OF PERMANENT COMPLETION OR TEMPORARY HALT (21 DAYS OR MORE) OF WORK IN ANY PARTICULAR AREA.
3. PERIMETER SEDIMENT AND EROSION CONTROLS ARE TO BE INSTALLED PRIOR TO THE START OF SITE CLEARING AND GRUBBING. EROSION CONTROLS SHALL BE IN ACCORDANCE WITH KENTUCKY DEPARTMENT OF HIGHWAY STANDARDS. CONTROL SHALL BE ACCOMPLISHED BY USE OF INTERCEPTOR DITCHES, DITCH SILT CHECKS, TEMPORARY SEEDING AND OTHER MEASURES AS MAY BE EFFECTIVE IN ACHIEVING THE DESIRED EFFECT. SILT FENCE SHALL BE INSTALLED TO PREVENT EROSION AND WASH-OFF ONTO WALKS, PAVEMENTS AND ALL ADJOINING PROPERTIES.
4. INSTALL SEDIMENT CONTROL FENCE AROUND ALL STORM WATER INLETS AND MAINTAIN UNTIL VEGETATION IS ESTABLISHED OR AREA PAVED AS APPROVED BY THE ARCHITECT. STORM WATER INLET PROTECTION IS TO BE INSTALLED IMMEDIATELY AFTER INSTALLATION OF THE STRUCTURES. REMOVE PROTECTIONS AT THE COMPLETION OF THE PROJECT WHEN CONDITIONS NO LONGER WARRANT THEIR USE. SEE SD4 SHEETS FOR DETAILS.
5. SEDIMENT CONTROLS ARE TO BE INSPECTED, CLEANED AND REPAIRED AFTER EACH RAIN EVENT OF 0.5 INCHES OR MORE, BUT NO LESS THAN ONCE PER WEEK. A LOG OF INSPECTIONS AND CLEANING IS TO BE KEPT ON SITE.
6. THE LOCATIONS OF SEDIMENT CONTROLS SHOWN ARE FOR GENERAL PROTECTION PRACTICES AND NOT AS PART OF A BMP PLAN. IF CONSTRUCTION ACTIVITIES PRODUCE CONDITIONS THAT REQUIRE ADDITIONAL CONTROLS, IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE, INSTALL AND MAINTAIN THE CONTROLS UNTIL CONDITIONS NO LONGER WARRANT THEIR USE.
7. ALL STORM DRAINAGE INLETS ARE TO RECEIVE PROTECTION FROM SEDIMENTATION. AT A MINIMUM A PERIMETER SILT FENCE SHOULD BE INSTALLED AROUND THE DRAINAGE STRUCTURE AND INSTALLED UNDER THE GRATE.

LEGEND

HP - HIGH POINT ELEVATION
LP - LOW POINT ELEVATION
BW - BOTTOM OF WALL ELEVATION

SEDIMENT CONTROL FENCE. ADDITIONAL FENCE MAY BE REQUIRED AT OTHER AREAS DURING CONSTRUCTION. SEE DETAIL A/SD0.1

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CONSTRUCTION DOCUMENTS

SD2.1

SITE GRADING & EROSION POLLUTION AND SEDIMENT CONTROL PLAN
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