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Distribution – To all Planholders

Addendum No. 01 (One)

Date: 05/09/2025

Project: IN000A Site – Parking Lots 28 & 93 Repairs and Modifications

Owner: The Trustees of Indiana University

IU Project No: 20240389

The original specifications and drawings dated May 2025 for the project referenced above are amended as noted in Addendum No. 1. Receipt of this Addendum and any subsequent Addenda must be acknowledged on the Proposal Form. This section of the Addendum consists of 2 (two) items and 6 (six) attachments.

Bid Form:

Change:

- The “Alternate Proposals” Section of the Bid Form has been updated to include the alternate use of pavers.

Specification Items:

None

Drawing Items:

1.1 Drawing Sheet Name: Cover Page  
Drawing Sheet number: C-001

Change:

- Update to cover page index adding landscape plans
- Update to cover page index adding lighting plans
- Update to cover page changing owner to the trustees of Indiana University

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Drawing Sheet Name: Existing Conditions

Drawing Sheet Number: S-001

Change:

- Update to existing conditions changing colors on structure labels

Drawing Sheet Name: Demo Plan

Drawing Sheet Number: D-101

Change:

- Update to demo plan adding note for existing wall to be removed
- Update to demo plan adding note for existing wall to remain

Drawing Sheet Name: Site Plan

Drawing Sheet Number: C-101

Change:

- Update to site plan changing the bollards to the north of the west curb ramp to be retractable
- Update to site plan changing curb to be flush with the walk
- Update to site plan extension of sidewalk next to the north entrance
- Update to site plan adjusted the curb line at the north entrance
- Update to site plan adjusted the north curb ramp around the existing wall to remain
- Update to site plan removed one parking spot at ramp
- Update to site plan adjusted striping

Drawing Sheet Name: Grading Plan

Drawing Sheet Number: C-201

Change:

- Update to grading plan adjusted grades at the curb ramp
- Update to grading plan updated grades at the north entrance

Drawing Sheet Name: Landscape Plan  
Drawing Sheet Number: L-500

Add

Drawing Sheet Name: Landscape Plan  
Drawing Sheet Number: L-501

Add

Drawing Sheet Name: Landscape Details  
Drawing Sheet Number: L-520

Add

Drawing Sheet Name: Landscape Details  
Drawing Sheet Number: L7.00

Add

Drawing Sheet Name: Landscape Details  
Drawing Sheet Number: L7.10

Add

Drawing Sheet Name: Information  
Drawing Sheet Number: ES-001

Add

Drawing Sheet Name: Electrical Demolition Site Plan  
Drawing Sheet Number: ES-101

Add

---

Drawing Sheet Name: Electrical Site Plan  
Drawing Sheet Number: ES-201

Add

Drawing Sheet Name: Landscape Plan  
Drawing Sheet Number: L510

Add

Drawing Sheet Name: Landscape Plan  
Drawing Sheet Number: L511

Add

Drawing Sheet Name: Landscape Plan  
Drawing Sheet Number: L520

Add

Drawing Sheet Name: Landscape Details  
Drawing Sheet Number: L7.00

Add

Drawing Sheet Name: Information  
Drawing Sheet Number: ES-001

Add

Drawing Sheet Name: Electrical Demolition Site Plan  
Drawing Sheet Number: ES-101

Add



---

Drawing Sheet Name: Electrical Site Plan

Drawing Sheet Number: ES-201

Add

Prepared by:



Robert Santos, PE

Attachments: Bid Form

Ball Hall Set

C-001

S-001

D-101

C-101

C-201

L-500

L-501

L-520

L-7.00

L-7.10

ES-001

ES-101

ES-201

---

Bryce & Ott Set

L-500

L-501

L-520

L-7.00

L-7.10

ES-001

ES-101

ES-201

**BID FORM**  
for

IN000A Site – Parking Lots 28 & 93 Repairs and Modifications  
Indiana University Indianapolis  
Indianapolis, Indiana  
IU 20240389

TO: The Trustees of Indiana University  
Bloomington, Indiana

**\*\*Submit bid online via [www.iuplanroom.com](http://www.iuplanroom.com)\*\***

FROM:

Bidder's Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip Code \_\_\_\_\_

Phone Number \_\_\_\_\_ FAX Number \_\_\_\_\_

CONTACTS:

Bid / Contract Information: Name: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Proposed Project Manager: Name: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Indicate if your firm is a certified minority-, women-, or veteran-owned business \_\_\_\_ Yes \_\_\_\_ No  
**If “Yes”, please attach a copy of certification**

FOR: **Unified Bid** to include General, Mechanical, and Electrical Construction Work

Bidders:

LUMP SUM BASE BID

The undersigned Bidder, with a complete understanding of existing conditions at the Project Site and a complete understanding of the Bidding Documents, including any Addenda acknowledged hereinafter, for IN000A Site – Parking Lots 28 & 93 Repairs and Modifications on the Indiana University Indianapolis campus, as prepared by JQOL, hereby proposes to complete the project, in full and complete accordance with the requirements of the Bidding documents, for the LUMP SUM BASE BID PRICE of:

\_\_\_\_\_ Dollars \$ \_\_\_\_\_  
(written amount) (numerals)

## MAJOR SUBCONTRACTORS

Subcontractors and other persons and organizations proposed by the Bidder and accepted by the Owner and the Owner's Representative must be used on the work for which they were proposed and accepted and shall not be changed except with the written approval of the Owner and the Owner's Representative.

If requested, the supplemental Subcontractors and Products List will be submitted by email to the Owner, [bidtab@iu.edu](mailto:bidtab@iu.edu), and JQOL, [rsantos@jqolusa.com](mailto:rsantos@jqolusa.com) within 48 hours of the bid opening. The understanding of the Owner and the design team is that these same Major Subcontractors will be the same subcontractors listed below.

The Contractor proposes to utilize the following primary subcontractors for the work indicated.

**List one major subcontractor per trade.** Any deviation could result in the Owner removing the bid from consideration.

Indicate which are certified by the State of Indiana as an MBE, WBE, or VBE company by circling the M/W/VBE after the name.

Concrete Subcontractor : \_\_\_\_\_ M/W/VBE

Asphalt Subcontractor : \_\_\_\_\_ M/W/VBE

Haul Trucking Subcontractor : \_\_\_\_\_ M/W/VBE

## ALTERNATE PROPOSALS

1. Alternate proposals are requested under Alternates of the Bidding Documents. (See Specification Index)
2. The alternate proposal shall indicate the amount to be added to or deducted from the Lump Sum Base Bid if the alternate proposal is accepted by the Owner.
3. The alternate proposal shall include all costs necessary for the complete installation of the materials or items indicated for the alternate proposal, including materials, labor, equipment, operations, administration, overhead, profit, and taxes (as applicable).
4. The alternate proposal shall also include all costs for changes in the work (including work of other Separate Contracts) that will be made necessary by acceptance of the alternate proposal.
5. The Bidder shall submit prices for all the alternates listed below in the manner indicated. Cross out (Add) or (Deduct) as applicable. If there is no change in price to the Lump Sum Base Bid, write in "No Change".

Alternate No. 1: *Credit to this project if the same general contractor is awarded both of the following projects: 20240389-AND-20230562.*

(Add) (Deduct) \_\_\_\_\_ Dollars \$ \_\_\_\_\_  
(written amount) (numerals)

(Add) (Deduct) \_\_\_\_\_ Dollars \$ \_\_\_\_\_  
(written amount) (numerals)

1. The following Unit Prices shall include all costs necessary for the complete installation of the materials or items indicated, including materials, labor, equipment, operations, administration, overhead, profit and taxes (if applicable).
2. These Unit Prices shall be used to determine the costs for changes in the work during the construction period, when agreed upon by the Owner.
3. These Unit Prices are submitted as a price per unit of measurement for materials or services added to or deducted from the Contract Sum by appropriate modification, if estimated quantities of Work required by the Contract Documents are increased or decreased.
4. The Bidder shall submit one Unit Price for each of the following items, plus any other Unit Prices requested in the Bidding Documents, in the manner indicated.

<u>Item</u>	<u>Unit</u>	<u>Price</u>
1. Asphalt mill and resurface	Square Yard	\$ _____
2. Full depth replacement of asphalt and stone base	Square Yard	\$ _____
3. Broom finish concrete: Color IU Beige with Stone Base	Square Foot	\$ _____

The undersigned Bidder has informed himself and all his prospective sub-contractors and suppliers of the tax exempt status of the Owner, as set forth in the General Conditions, and therefore, has not included these taxes in his Lump Sum Base Bid price.

The undersigned Bidder has based his bid upon the materials, products, articles, equipment, brands, manufacturers and processes described in the Bidding Documents or upon approved equivalents. Proof of equivalency of substitutions is the responsibility of the Bidder, but the Architect/Engineer shall be the sole judge of equivalency. Proposed equivalent substitutions shall be equal in all respects to the requirements of the Bidding Documents, including but not limited to the design, quality, physical size, performance characteristics, strength, previous history of use, and to the method of installation, attachment, or connection to related or adjoining work. Determination of equivalency of proposed substitutions shall be by the Architect/Engineer, before the bid opening date, as described in paragraph entitled "Substitutions" in the Instructions to Bidders.

The Undersigned Bidder agrees to coordinate and expedite his work and shall take into consideration any lead time and schedule parameters with all contractors, and that this Work will be completed no later than **August 15, 2025**.

ASSIGNMENT OF COORDINATION

The undersigned Bidder agrees to the assignment of Mechanical and Electrical work to the successful General Contractor for the responsibility of complete coordination of the work as stated in the Instructions to Bidders.

PERFORMANCE AND PAYMENT BOND

The undersigned Bidder agrees, if awarded the Contract, to deliver to the Owner a satisfactory Performance Bond, in the full amount (100%) of the total Contract price, not later than the date of execution of the contract. The cost of the Bond shall be included in the Lump Sum Base Bid contained in this Proposal.

SUPPLEMENTAL AND REQUIRED DOCUMENTS

Bid Security; State Form 96 (Revised 2013); Written Drug Testing Program, which must be in full compliance with IC 4-13-18; a completed Minority, Women’s and Veteran’s Business Enterprise Participation Plan; Contractor Asbestos Certification; Asbestos Protocol for Contractors.

ADDENDA

The following Addenda have been received by the undersigned Bidder; and all costs resulting from these Addenda have been included in the preparation of this Bid Form:

Addendum No. _____	Dated _____
Addendum No. _____	Dated _____
Addendum No. _____	Dated _____

SIGNATURES

1. **When a Bidder is an Individual:**

_____	_____
Witness	Bidder
Date: _____	Address: _____
	_____

2. **When a Bidder is a Partnership:**

	_____
	Name of Partnership
Date: _____	Address: _____
	_____
_____	_____
Partner	Partner

**3. When Bidder is a Corporation:** \_\_\_\_\_  
Name of Corporation

Date: \_\_\_\_\_ Address: \_\_\_\_\_  
\_\_\_\_\_

By: \_\_\_\_\_  
President

Attest: \_\_\_\_\_  
Secretary

CORPORATE SEAL

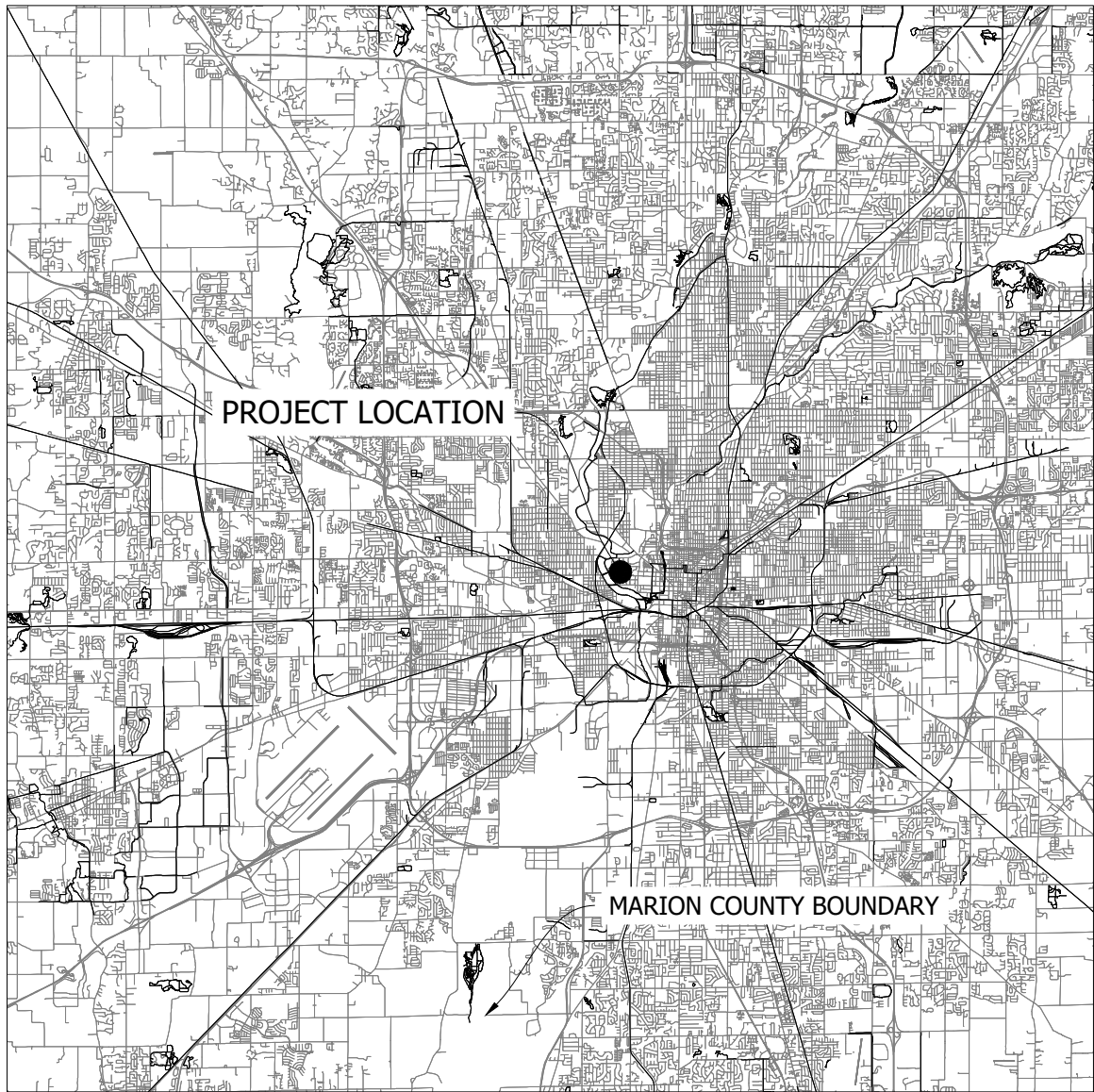
END

**\*\*Submit bid online via [www.iuplanroom.com](http://www.iuplanroom.com)\*\***



# INDIANA UNIVERSITY INDIANAPOLIS - PARKING LOT IMPROVEMENTS

INDIANA JOB NO. 20240389: 980 INDIANA AVE INDIANAPOLIS, 46202



COUNTY LOCATION MAP  
SCALE: 1" = 20,000'

#### PROJECTS:

- A 20240389 INDIANA UNIVERSITY INDIANAPOLIS - BRYCE & OTT (980 INDIANA AVE)

#### PROJECT LOCATION

PROJECT A IS LOCATED TO THE WEST OF INDIANA AVE WITH THE NEAREST LARGE INTERSECTION AS INDIANA AVE AND UNIVERSITY BLVD.

#### TEMPORARY BENCHMARKS:

CONTROL POINT 100 IS A REBAR WITH A RED PLASTIC CAP LABELED "CONTROL" SET IN THE GRASS FOUND APPROXIMATELY 186.3 FEET SOUTH OF THE APPROXIMATE CENTER OF THE INTERSECTION OF WEST 10TH STREET AND INDIANA AVENUE AND APPROXIMATELY 401.6 FEET NORTHWEST OF THE APPROXIMATE CENTER OF THE INTERSECTION OF INDIANA AVENUE AND UNIVERSITY BOULEVARD.

ELEV. 704.52 (NAVD 88)

CONTROL POINT 101 IS A REBAR WITH A RED PLASTIC CAP LABELED "CONTROL" SET IN THE GRASS FOUND APPROXIMATELY 221.0 FEET SOUTHWEST OF THE APPROXIMATE CENTER OF THE INTERSECTION OF WEST 10TH STREET AND INDIANA AVENUE AND APPROXIMATELY 578.1 FEET NORTHWEST OF THE APPROXIMATE CENTER OF THE INTERSECTION OF INDIANA AVENUE AND UNIVERSITY BOULEVARD.

ELEV. 704.81 (NAVD 88)

CONTROL POINT 102 IS A REBAR WITH A RED PLASTIC CAP LABELED "CONTROL" SET IN THE GRASS FOUND APPROXIMATELY 424.6 FEET SOUTHEAST OF THE APPROXIMATE CENTER OF THE INTERSECTION OF WEST 10TH STREET AND INDIANA AVENUE AND APPROXIMATELY 167.1 FEET WEST OF THE APPROXIMATE CENTER OF THE INTERSECTION OF INDIANA AVENUE AND UNIVERSITY BOULEVARD.

ELEV. 704.20 (NAVD 88)

#### DRAWING INDEX

Sheet Title	Sheet Number
COVER PAGE	C-001
GENERAL NOTES	C-002
EXISTING CONDITIONS	S-001
DEMO PLAN	D-101
SITE PLAN	C-101
SITE DETAILS	C-102
SITE DETAILS	C-103
GRADING PLAN	C-201
STORM PLAN	C-301
STORM PLAN & PROFILES	C-302
STORM STRUCTURE TABLE	C-303
STORM & GRADING DETAILS	C-304
STORM & GRADING DETAILS	C-305
STORM & GRADING DETAILS	C-306
STORM & GRADING DETAILS	C-307
STORM & GRADING DETAILS	C-308
UTILITY PLAN	C-400
SANITARY PROFILES	C-401
SANITARY PROFILES	C-402
SANITARY PROFILES	C-403
PRE-EROSION CONTROL PLAN	C-500
POST-EROSION CONTROL PLAN	C-501
EROSION CONTROL DETAILS	C-502
SWPPP NOTES (CGSP)	C-503
LANDSCAPE PLAN	L510
LANDSCAPE PLAN	L511
LANDSCAPE PLAN	L520
LANDSCAPE DETAILS	L7.00
INFORMATION	ES-001
ELECTRICAL DEMOLITION SITE PLAN	ES-101
ELECTRICAL SITE PLAN	ES-201

INDIANAPOLIS DEPARTMENT OF BUSINESS AND  
NEIGHBORHOOD SERVICES, (BNS),  
CITY-COUNTY BUILDING  
200 E. WASHINGTON STREET, SUITE 107  
INDIANAPOLIS, IN 46204  
317-327-8700  
FINAL PLANS APPROVED APRIL 28 , 2025

#### STORM SEWER INVENTORY

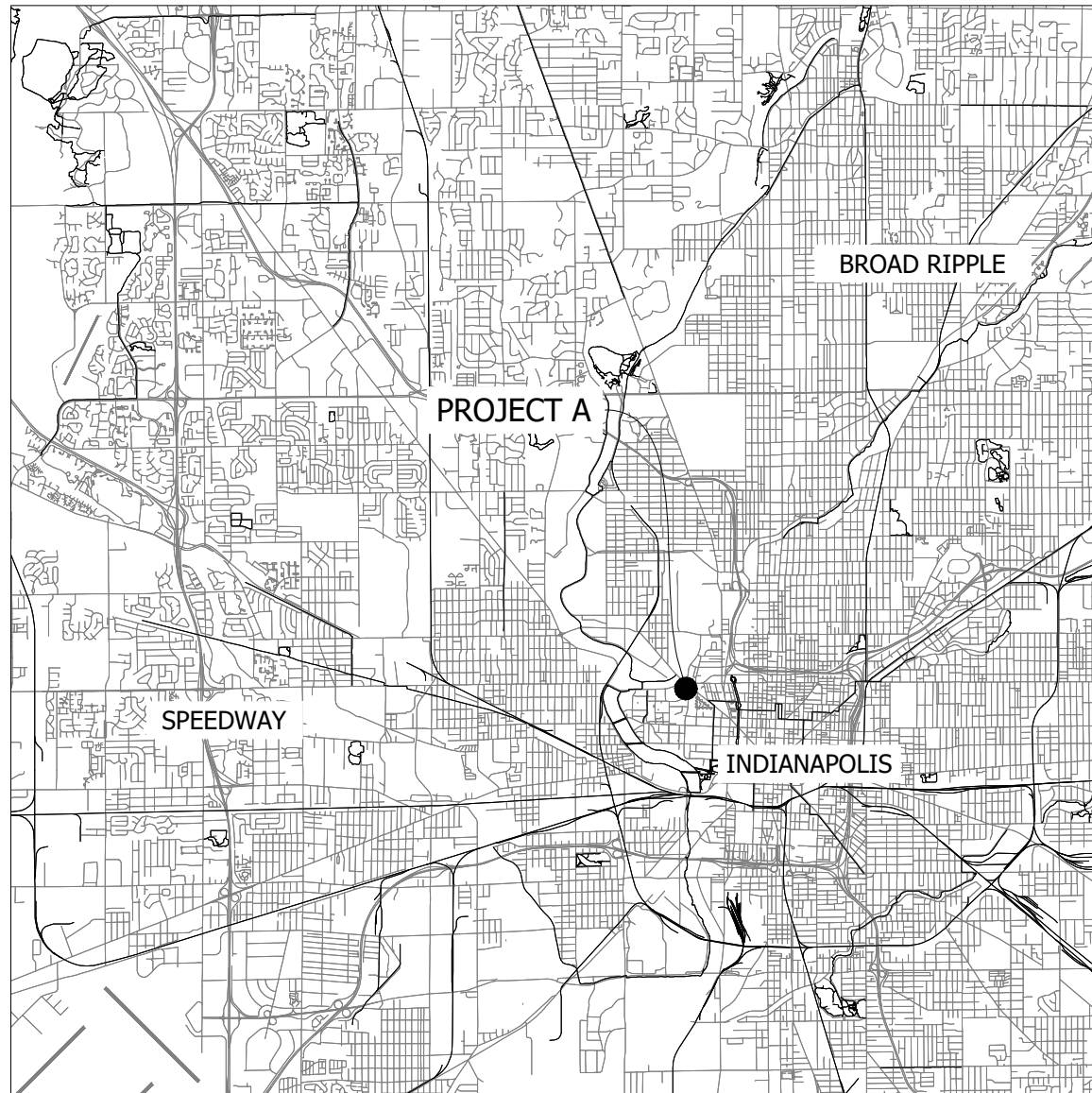
STRUCTURE / PIPE	QUANTITY
RCP, 12-IN.	507 LF
RCP, 15-IN.	201 LF
RCP, 18-IN.	175 LF
RCP, 24-IN.	151 LF
INDOT MANHOLE TYPE C	4 EACH
INDOT MANHOLE TYPE J	1 EACH
INDOT INLET TYPE F	1 EACH
INDOT INLET TYPE A	11 EACH
STORMTRAP STORMSETTLER, SSET-5	1 EACH

#### WATER QUALITY BMP INFORMATION

TYPE	STATE PLANE COORDINATES	
	X (EAST)	Y (NORTH)
UNDERGROUND DETENTION	185072.185	1651036.20
STORMTRAP STORMSETTLER, SSET-5	185044.067	1651072.48

#### QUANTITIES NOTE:

ANY AND ALL QUANTITY TABLES, NOTES OR VALUES AS SHOWN ON THESE PLANS ARE FOR REFERENCE ONLY. THE PLANS, DETAILS, AND SPECIFICATIONS GOVERN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THE ENTIRE CONSTRUCTION SET AND DETERMINE ALL THE FINAL QUANTITIES FOR ALL NECESSARY ITEMS REQUIRED TO COMPLETE THIS PROJECT. THE OWNER OR THE ENGINEER WILL NOT BE HELD LIABLE OR RESPONSIBLE FOR ESTIMATES NOT CONFIRMED BY THE CONTRACTORS. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BIDDING AND CONSTRUCTION. IF DISCREPANCIES ARE FOUND, CONTACT THE ENGINEER IMMEDIATELY.



PROJECT LOCATION MAP  
SCALE: 1" = 10,000'



VICINITY MAP  
SCALE: 1" = 2,000'



Know what's below.  
Call before you dig.



*Robert T. Santos*

ISSUE FOR CONSTRUCTION 05/05/2025

#### OWNER/DEVELOPER:

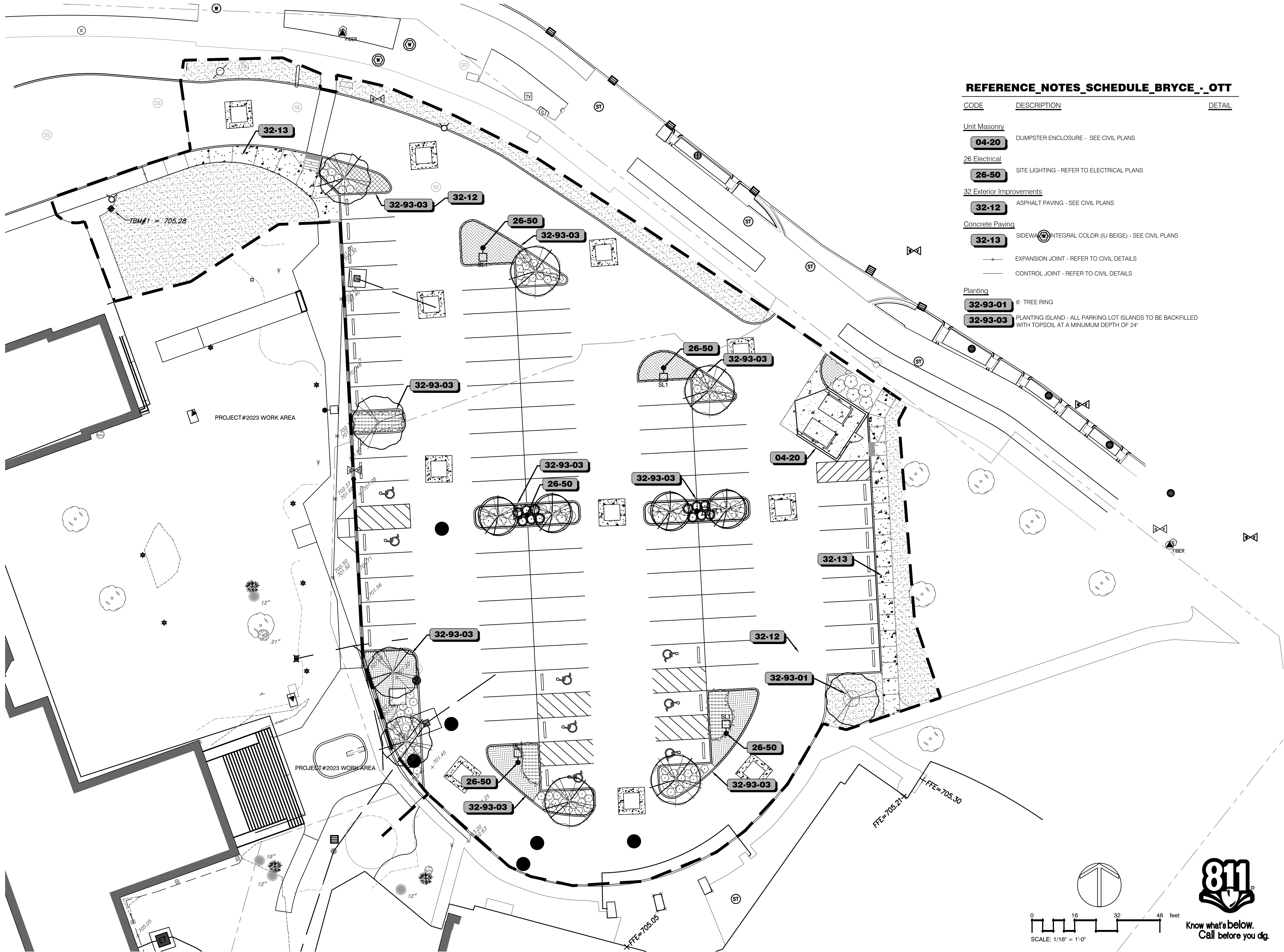
TRUSTEES OF INDIANA UNIVERSITY  
2901 E. DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

#### CIVIL ENGINEER:

JQOL QUALITY OF LIFE  
8440 ALLISON POINTE BLVD,  
INDIANAPOLIS, IN 46250  
HTTP://JQOLUSA.COM



O:\Projects\2024\2024-179 Hall Hall - Bryce and Ott - Drawing Landscape Architecture\JQOL\_2024-179\_1-00 Mainplan.dwg



REFERENCE\_NOTES\_SCHEDULE\_BRYCE\_-\_OTT

CODE	DESCRIPTION	DETAIL
Unit Masonry		
04-20	DUMPSTER ENCLOSURE - SEE CIVIL PLANS	
26 Electrical		
26-50	SITE LIGHTING - REFER TO ELECTRICAL PLANS	
32 Exterior Improvements		
32-12	ASPHALT PAVING - SEE CIVIL PLANS	
Concrete Paving		
32-13	SIDEWALK INTEGRAL COLOR (U BEIGE) - SEE CIVIL PLANS	
	EXPANSION JOINT - REFER TO CIVIL DETAILS	
	CONTROL JOINT - REFER TO CIVIL DETAILS	
Planting		
32-93-01	6" TREE RING	
32-93-03	PLANTING ISLAND - ALL PARKING LOT ISLANDS TO BE BACKFILLED WITH TOPSOIL AT A MINIMUM DEPTH OF 24"	



8440 Allison Pointe Blvd.  
Indianapolis, IN 46250  
www.jqolusa.com

NOT FOR  
CONSTRUCTION

DATE: 04/11/2025

These Drawings and Specifications, and all copies thereof are and shall remain the property and copyright of the Engineer. They shall be used only with respect to this Project and are not to be used on any other Project or Work without prior written permission from the Engineer.

BID DOCUMENTS

PROJECT:  
INDIANA UNIVERSITY - INDIANAPOLIS

1234 WASHINGTON ST  
INDIANAPOLIS, IN 46202

PREPARED FOR:  
INDIANA UNIVERSITY  
2801 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.: 20240389

SHEET NAME:  
BRYCE HALL & OTT HALL  
LANDSCAPE PLAN

SHEET ISSUE DATE: 05/09/2025

SCALE: 1/16"=1'-0"

DESIGNED: AKD CHECKED: RJS

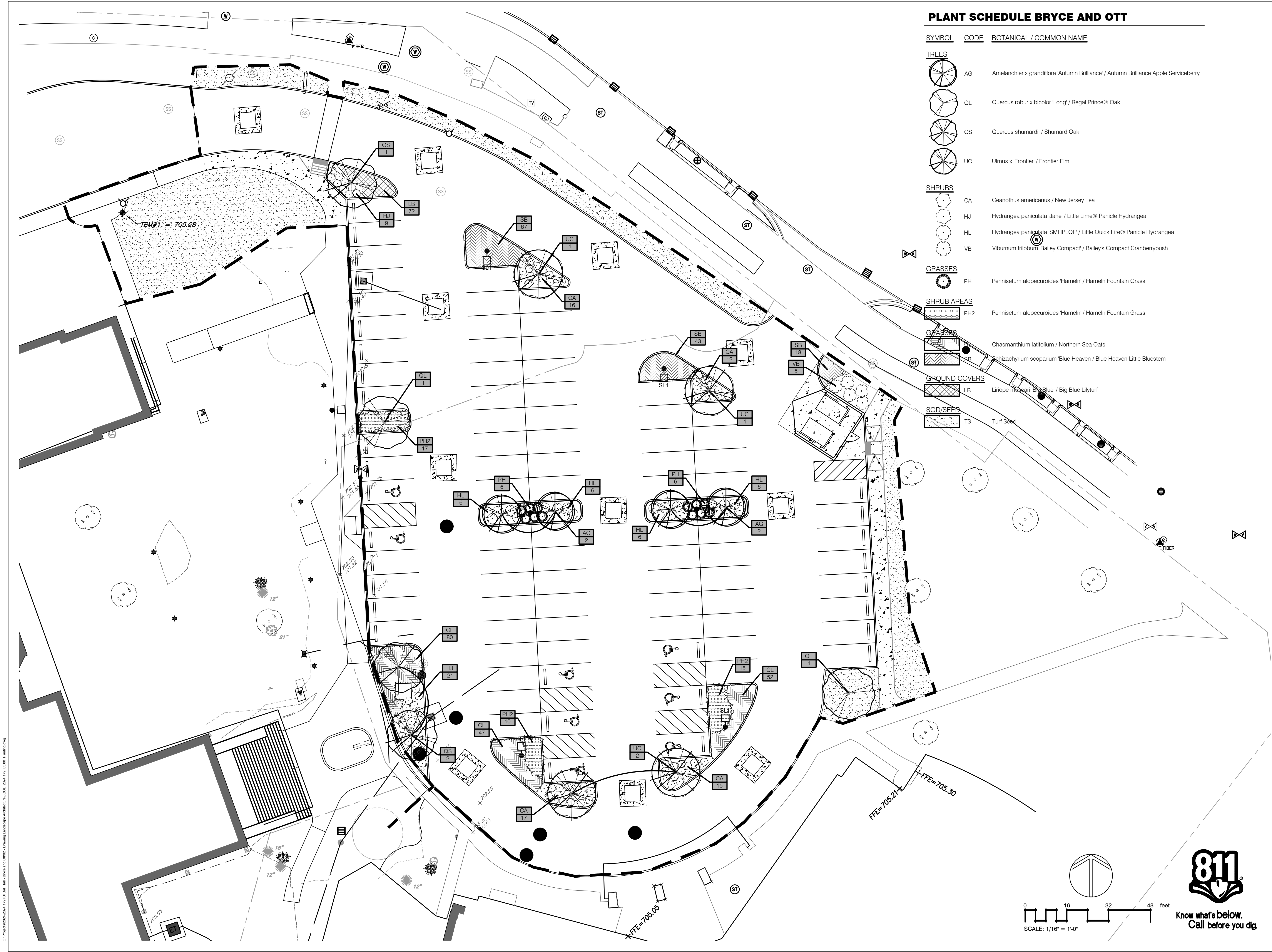
SHEET NO.:

1

L510



O:\Projects\2024\2024\_179 Hall Hall - Bryce and Ott - Drawing Landscape Architecture\JQOL\_2024\_179\_L100\_Planing.dwg



PLANT SCHEDULE BRYCE AND OTT

SYMBOL	CODE	BOTANICAL / COMMON NAME
TREES		
	AG	Amelanchier x grandiflora 'Autumn Brilliance' / Autumn Brilliance Apple Serviceberry
	QL	Quercus robur x bicolor 'Long' / Regal Prince® Oak
	OS	Quercus shumardii / Shumard Oak
	UC	Ulmus x 'Frontier' / Frontier Elm

SHRUBS		
	CA	Ceanothus americanus / New Jersey Tea
	HJ	Hydrangea paniculata 'Jane' / Little Lime® Panicle Hydrangea
	HL	Hydrangea paniculata 'SMHPLOF' / Little Quick Fire® Panicle Hydrangea
	VB	Viburnum trilobum 'Bailey Compact' / Bailey's Compact Cranberrybush

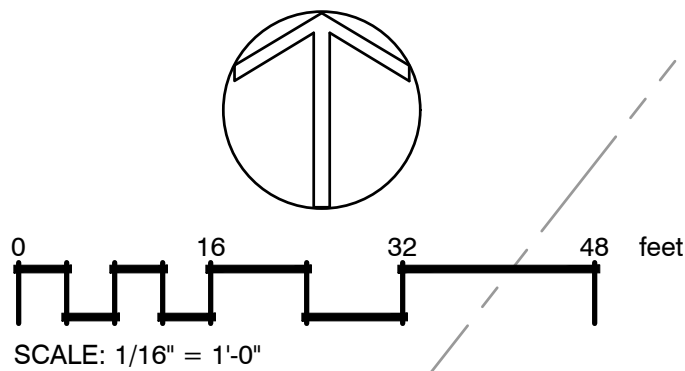
GRASSES		
	PH	Pennisetum alopecuroides 'Hameln' / Hameln Fountain Grass

SHRUB AREAS		
	PH2	Pennisetum alopecuroides 'Hameln' / Hameln Fountain Grass

GRASSES		
	CA	Chasmanthium latifolium / Northern Sea Oats
	VB	Schizachyrium scoparium 'Blue Heaven' / Blue Heaven Little Bluestem

GROUND COVERS		
	LB	Liriope muscari 'Dark Blue' / Big Blue Lilyturf

SOD/SEED		
	TS	Turf Seed



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www.jqolusa.com

NOT FOR  
CONSTRUCTION

DATE: 04/11/2025

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and shall remain the property and copyright of the Engineer.  
They shall be used only with respect to this Project and are not  
to be used on any other Project or Work without prior written  
permission from the Engineer.

BID DOCUMENTS

PROJECT:  
INDIANA UNIVERSITY - INDIANAPOLIS

1234 WASHINGTON ST  
INDIANAPOLIS, IN 46202

PREPARED FOR:  
INDIANA UNIVERSITY  
2801 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.: 20240389

SHEET NAME:  
BRYCE HALL & OTT HALL  
LANDSCAPE PLAN

SHEET ISSUE DATE: 05/09/2025

SCALE: 1/16"=1'-0"

DESIGNED: AKD CHECKED: RJS

SHEET NO.:

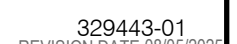
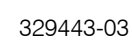
1

L511

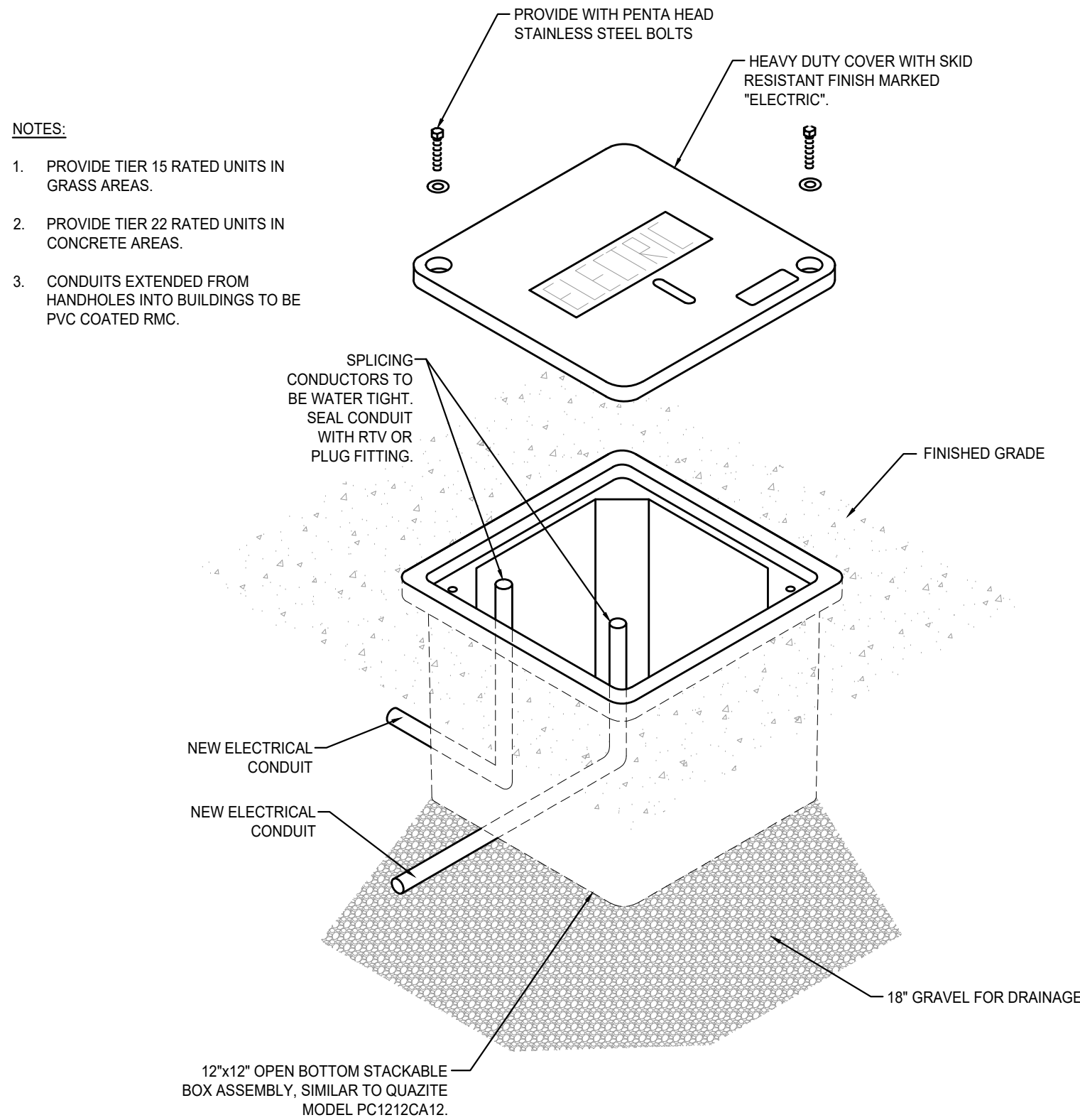


TS	Turf Seed	seed	5,559 sf	TURF TYPE FESCUE MIX - HYDROSEED
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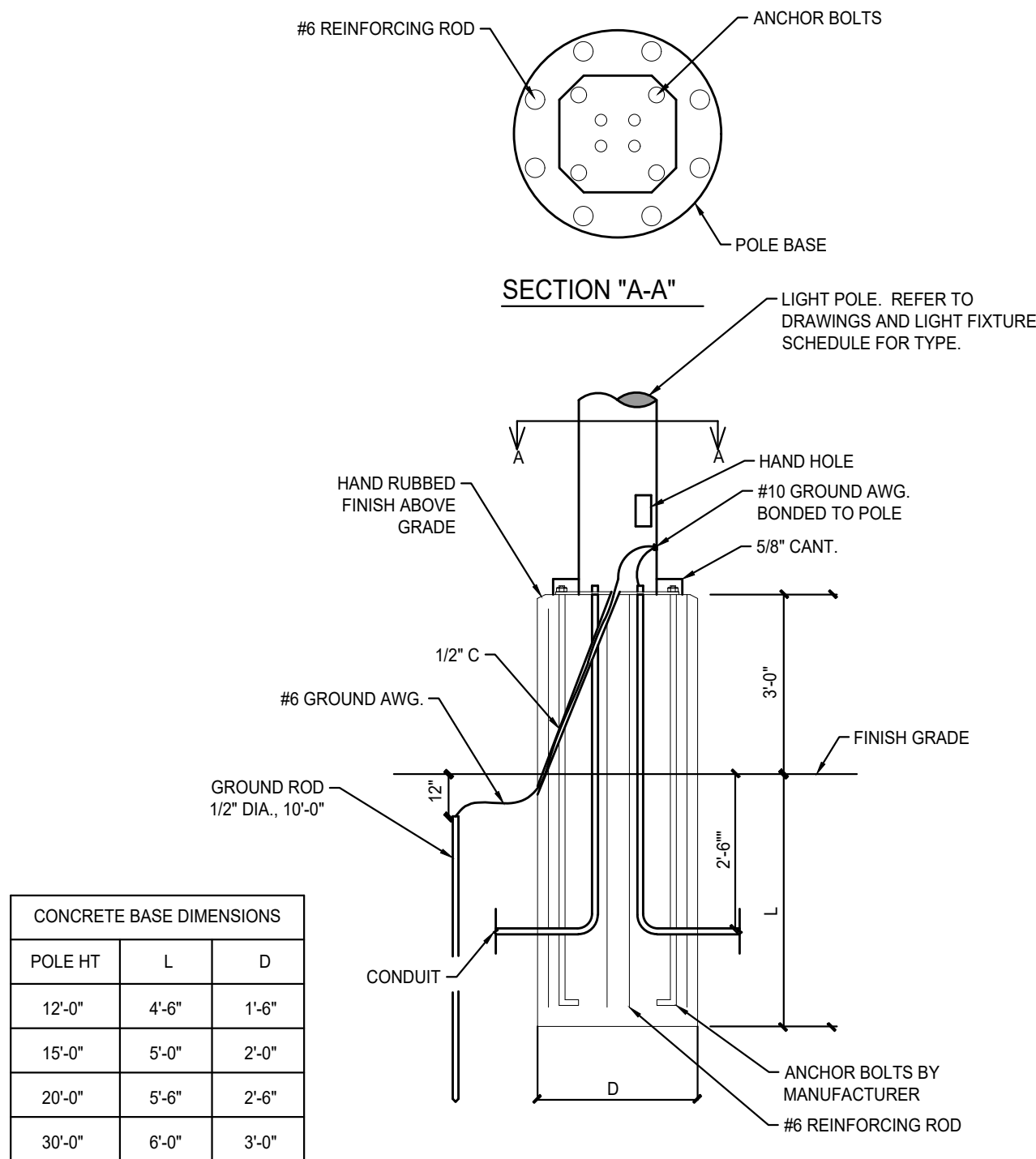




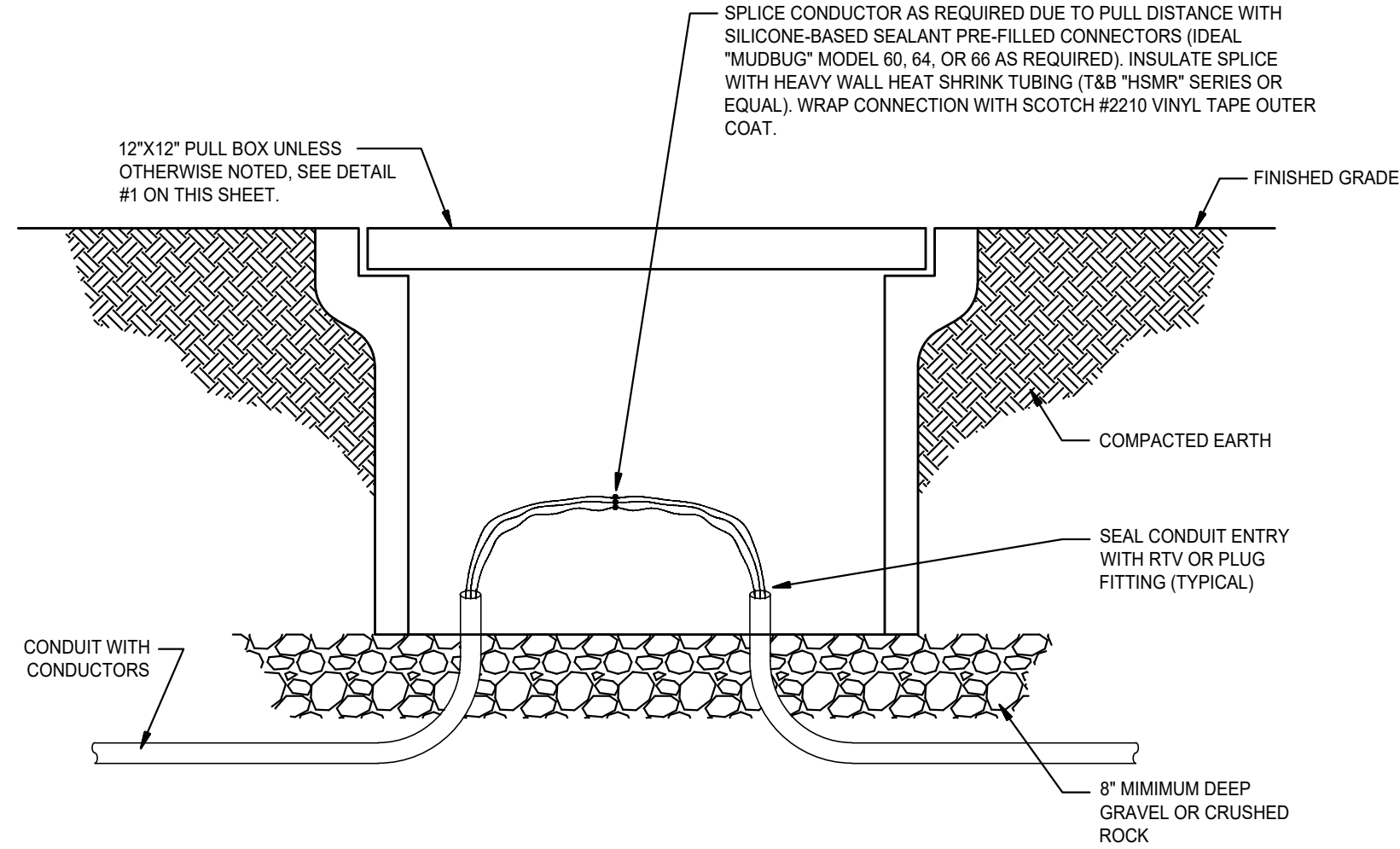




1 **ELECTRIC PULL BOX DETAIL**  
NOT TO SCALE



3 **36" RAISED POLE BASE DETAIL**  
NOT TO SCALE



2 **SPLICE IN PULL BOX DETAIL**  
NOT TO SCALE

### GENERAL ELECTRICAL DEMOLITION NOTES

1. ALL EXISTING EQUIPMENT THAT IS TO REMAIN IS INTENDED TO BE OPERATIONAL AT THE COMPLETION OF THE PROJECT. RE-CIRCUIT WHERE NECESSARY TO INSURE THIS CONTINUED OPERATION.
2. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT THAT IS TO BE REMOVED.
3. THE EXISTING EQUIPMENT SHOWN ON THE DRAWINGS IS BELIEVED TO BE A REASONABLE INDICATION OF THE EXISTING LAYOUT. EXACT QUANTITY AND LOCATION SHALL BE FIELD VERIFIED BY CONTRACTOR.

### GENERAL ELECTRICAL NOTES

1. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS.
2. DIMENSIONS SHOWN ON OUTLET BOXES AND DEVICES SHALL BE TO THE BOTTOM OF THE BOX.
3. CONDUIT SHOWN TO LIGHT FIXTURES IS SHOWN TO INDICATE SWITCHING AND DOES NOT REPRESENT THE QUANTITY OR EXACT LOCATION OF WIRING AND/OR CONDUIT.
4. THE ELECTRICAL LAYOUT DRAWINGS ARE DIAGRAMMATIC IN NATURE. REFER TO ENTIRE CONSTRUCTION DRAWING SET AND SPECIFICATIONS FOR GUIDANCE ON DIMENSIONS, CEILING HEIGHTS, DOOR SWINGS, ROOM FINISHES, STRUCTURAL DETAILS, LOCATIONS OF PIPING, DUCTWORK, STRUCTURAL MEMBERS, AND OTHER OBSTRUCTIONS. INSTALL THE ELECTRICAL SYSTEMS SO AS NOT TO INTERFERE WITH THE INSTALLATION OR FUNCTION OF ANY WORK BY ANOTHER DISCIPLINE.
5. ALL DIMENSIONS OF EXISTING DEVICES AND EQUIPMENT ARE APPROXIMATE. CONTRACTOR SHALL MAKE ALL NECESSARY FIELD MEASUREMENTS OF EXISTING STRUCTURES AND EQUIPMENT TO VERIFY DIMENSIONS SHOWN ON THE PLANS. ALL ADDED COSTS TO MODIFY NEW CONSTRUCTION DUE TO A LACK OF COORDINATION AND FIELD MEASUREMENTS SHALL BE BORNE BY THE CONTRACTOR.
6. COORDINATE ALL EQUIPMENT WIRING WITH MFR'S REQUIREMENTS. CHANGES REQUIRED FROM THE USE OF PRODUCTS THAT ARE OTHER THAN THE BASIS OF DESIGN SHALL BE BORNE BY THE CONTRACTOR.
7. SIZING OF BRANCH CIRCUITS AND FEEDERS FOR EQUIPMENT IS BASED ON DESIGN LOADS. PRIOR TO INSTALLATION, CONFIRM EXACT LOADS WITH RELEASED SHOP DRAWINGS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ENGINEER PRIOR TO ROUGH-IN.
8. BRANCH CIRCUITS SHALL BE WIRED WITH 3/4"C, 2-#12, 1-#12G, UNLESS NOTED OTHERWISE. NEUTRAL CONDUCTORS SHALL NOT BE SHARED ON BRANCH CIRCUITS.
9. WHERE CONDUIT AND WIRING HAS NOT BEEN SHOWN ON THE DRAWINGS, THE ARRANGEMENT AND ROUTING OF LIGHTING AND RECEPTACLE BRANCH CIRCUITS SHALL BE AT THE DISCRETION OF CONTRACTOR IN ACCORDANCE WITH GENERALLY ACCEPTED GOOD PRACTICE, N.E.C. REQUIREMENTS, AND THE FOLLOWING LIMITATIONS:
10. EXCEPT WHERE NOTED OTHERWISE, SIZE BRANCH CIRCUIT CONDUCTORS WITHIN THE FOLLOWING MAXIMUM LENGTH LIMITS: (MEASURE TO THE CENTER OF THE LOAD FOR LIGHTING AND TO THE MOST REMOTE OUTLET FOR RECEPTACLE CIRCUITS.)

CIRCUIT BREAKER	CIRCUIT LENGTH	CONDUCTOR SIZE
120V, 20 A	100 FEET	#12
	150 FEET	#10
	200 FEET	#8
11. PROVIDE #12 AWG MINIMUM FOR BRANCH CIRCUITS. PROVIDE ADDITIONAL DERATING PER N.E.C. TABLES 310-16 THROUGH 310-31 FOR ALL HOME RUNS WITH MORE THAN THREE CURRENT CARRYING CONDUCTORS IN A RACEWAY.
12. CONDUITS SHALL BE LIMITED TO A MAXIMUM OF NINE BRANCH CIRCUIT CONDUCTORS OF WHICH A MAXIMUM OF FOUR PHASE CONDUCTORS SHALL BE PERMITTED. GROUNDING CONDUCTORS SHALL NOT BE INCLUDED IN THE COUNT.

### LINE TYPE SCHEDULE

---	UNDERGROUND COMMUNICATION FEED LINE TYPE AND WEIGHT
---	UNDERGROUND FEED LINE TYPE AND WEIGHT
---	NEW POWER LINE WEIGHT
---	NEW MECHANICAL EQUIPMENT LINE WEIGHT
---	NEW LIGHTING LINE WEIGHT
---	NEW LIGHTING DEVICE LINE WEIGHT
---	NEW EMERGENCY AND FIRE DEVICE LINE WEIGHT
---	NEW COMMUNICATION DEVICE LINE WEIGHT
---	EXISTING TO REMAIN LINE WEIGHT
---	EXISTING TO BE DEMOLISHED LINE TYPE AND WEIGHT

### ELECTRICAL SYMBOLS SCHEDULE

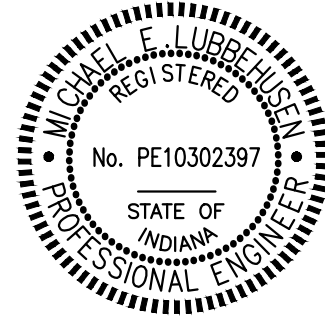
XX	EXTERIOR POLE MOUNTED FIXTURE, "XX" DENOTES FIXTURE TYPE
XX	EXTERIOR POLE, POST MOUNTED FIXTURE, "XX" DENOTES FIXTURE TYPE

### LIGHT FIXTURE SCHEDULE

TAG	MANUFACTURER'S CATALOG NUMBER	VOLTAGE	MOUNT	MIN. LUMEN OUTPUT *(D/I)	CT	CRI	MAX. WATTS	DESCRIPTION	REMARKS
SL1	BEACON #VP-2-320L-145-4K7-5QW-UNV-DB-SCP MCGRAW-EDISON #GLEON SERIES	120VOLT	NEW POLE	22,097	4000	70	146	DIE CAST ALUMINUM FIXTURE WITH POWDER COAT BRONZE FINISH. PROVIDE ADAPTER AS REQUIRED FOR POLE MOUNTING. PROVIDE BEACON "PSA" SERIES 25'-0" TALL BY 6" DIAMETER MINIMUM ROUND STRAIGHT ALUMINUM WITH DARK BRONZE FINISH. POLE SHALL BE CONSTRUCTED OF SEAMLESS ROUND EXTRUDED ALUMINUM. THE POLE SHAFT SHALL TELESCOPE INTO THE BASE CASTING AND SHALL BE CIRCUMFERENTIALLY WELED TOP AND BOTTOM. THE BASE SHALL BE HINGED. FURNISH WITH ROUND ALUMINUM BASE COVER, POLE CAP, REINFORCED HANDHOLE AT +18', AND GROUND LUG LOCATED NEAR HANDHOLE. POLE SHALL BE COMPLETE WITH INTERNAL VIBRATION DAMPERS. PROVIDE CUSTOM MOUNTING PLATE AS REQUIRED. PROVIDE WITH WIRELESS HANDHELD CONFIGURATION TOOL.	
REMARKS: 1. 2.									
GENERAL NOTES: 1. ELECTRICAL CONTRACTOR IS TO PROVIDE ALL NECESSARY HARDWARE AND ACCESSORIES FOR COMPLETE INSTALLATION OF LIGHT FIXTURES ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. 2. FULL MODEL NUMBER(S) LISTED ABOVE ARE BASIS OF DESIGN. CONTRACTOR IS RESPONSIBLE FOR DEVIATION FROM BASIS OF DESIGN. 3. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ADDITIONAL CIRCUIT(S) AS REQUIRED FOR MAX. WATTAGE IN EXCESS OF BASIS OF DESIGN.									



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DATE: 05/09/2025

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317.324.1221 ph  
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INDIANA UNIVERSITY - INDIANAPOLIS

850 INDIANA AVENUE  
INDIANAPOLIS, IN 46202

INDIANA UNIVERSITY

2901 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

PROJECT:

PREPARED FOR:

#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.: NO. 20240389

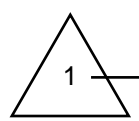
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SHEET ISSUE DATE: 05/09/2025

SCALE: NO SCALE

DESIGNED: SBA CHECKED: RHA

SHEET NO.:



ES-001





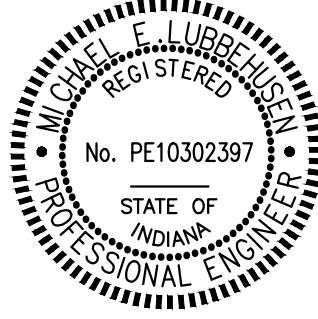
K:\2024\IU Parking Byway Building\Electrical\ES-101.dwg

THIS MONOCHROME  
PRINT SHOULD  
DISPLAY  
GRAYSCALE BOXES  
PROPERLY WITH  
256 SHADES OF  
GRAY

PLAN NOTES	
1.	DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE, POLE, BRANCH CIRCUITRY, AND POLE BASE COMPLETE.



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*Michael E. Lubinski*

DATE: 05/09/2025

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PROJECT:  
**INDIANA UNIVERSITY - INDIANAPOLIS**  
855 INDIANA AVENUE  
INDIANAPOLIS, IN 46202

PREPARED FOR:  
**INDIANA UNIVERSITY**  
2001 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.: NO. 20240389

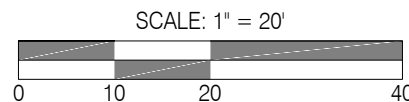
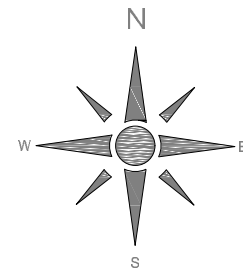
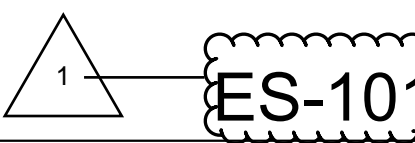
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ELECTRICAL DEMOLITION SITE PLAN

SHEET ISSUE DATE: 05/09/2025

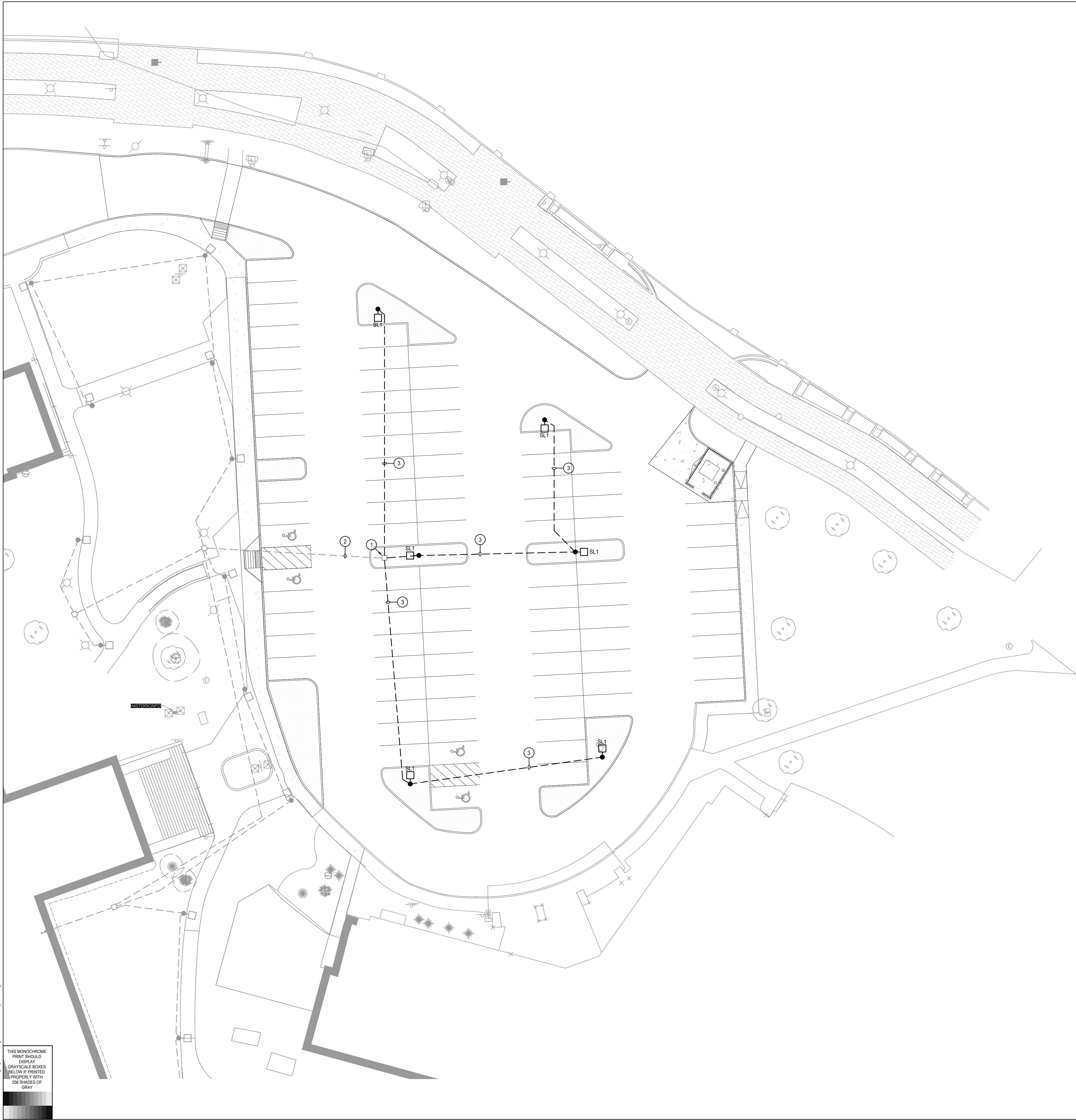
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DESIGNED: SBA CHECKED: RHA

SHEET NO:







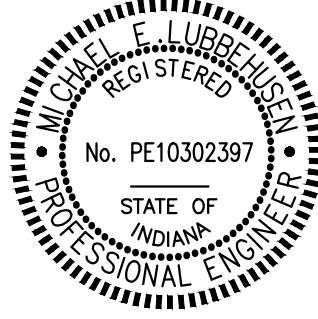
K:\2024\IU Parking Byway Building\Electrical\ES-201.dwg

THIS MONOCHROME  
PRINT SHOULD  
DISPLAY  
GRAYSCALE BOXES  
PROPERLY WITH  
256 SHADES OF  
GRAY

- PLAN NOTES**
- PULL BOX INSTALLED PER IU #20230562 PROJECT DOCUMENTS.
  - CIRCUIT 1LN1-56 IN HDPE CONDUIT WITH 2-#6, 1-#6G INSTALLED PER IU #20230562 PROJECT DOCUMENTS.
  - ROUTE CIRCUIT 1LN1-56 IN ONE (1) 1" HDPE CONDUIT WITH 2-#6, 1-#6G.



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*Michael F. Lubinski*

DATE: 05/09/2025

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PROJECT:  
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855 INDIANA AVENUE  
INDIANAPOLIS, IN 46202

PREPARED FOR:  
**INDIANA UNIVERSITY**  
2001 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.: NO. 20240389

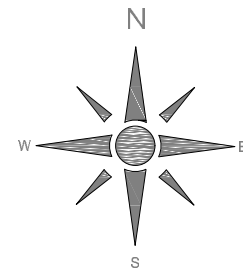
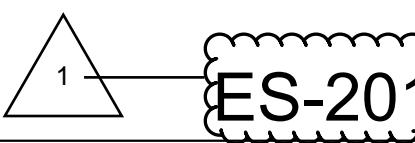
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**ELECTRICAL SITE PLAN**

SHEET ISSUE DATE: 05/09/2025

SCALE: 1" = 20'

DESIGNED: SBA CHECKED: RHA

SHEET NO:

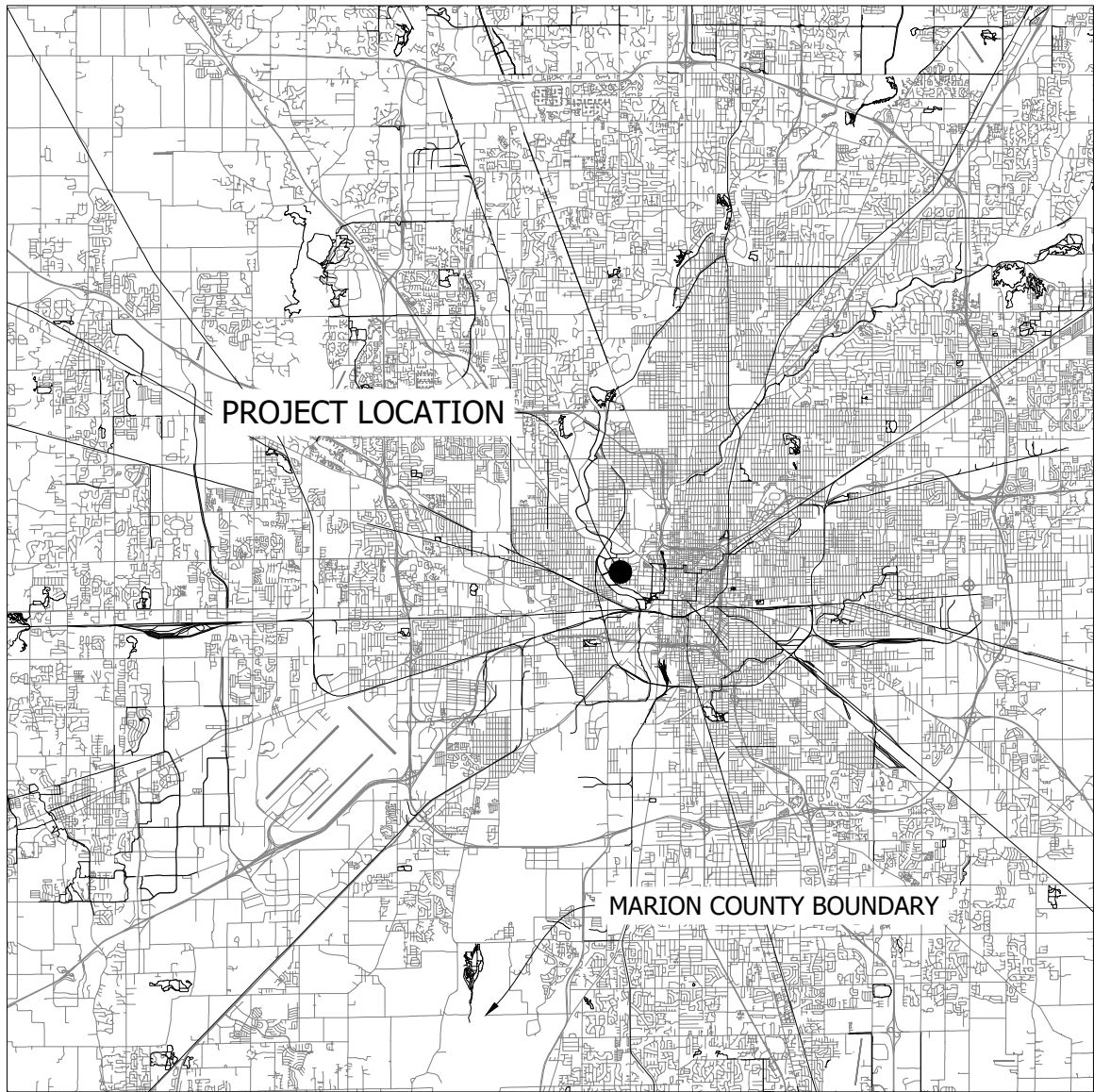


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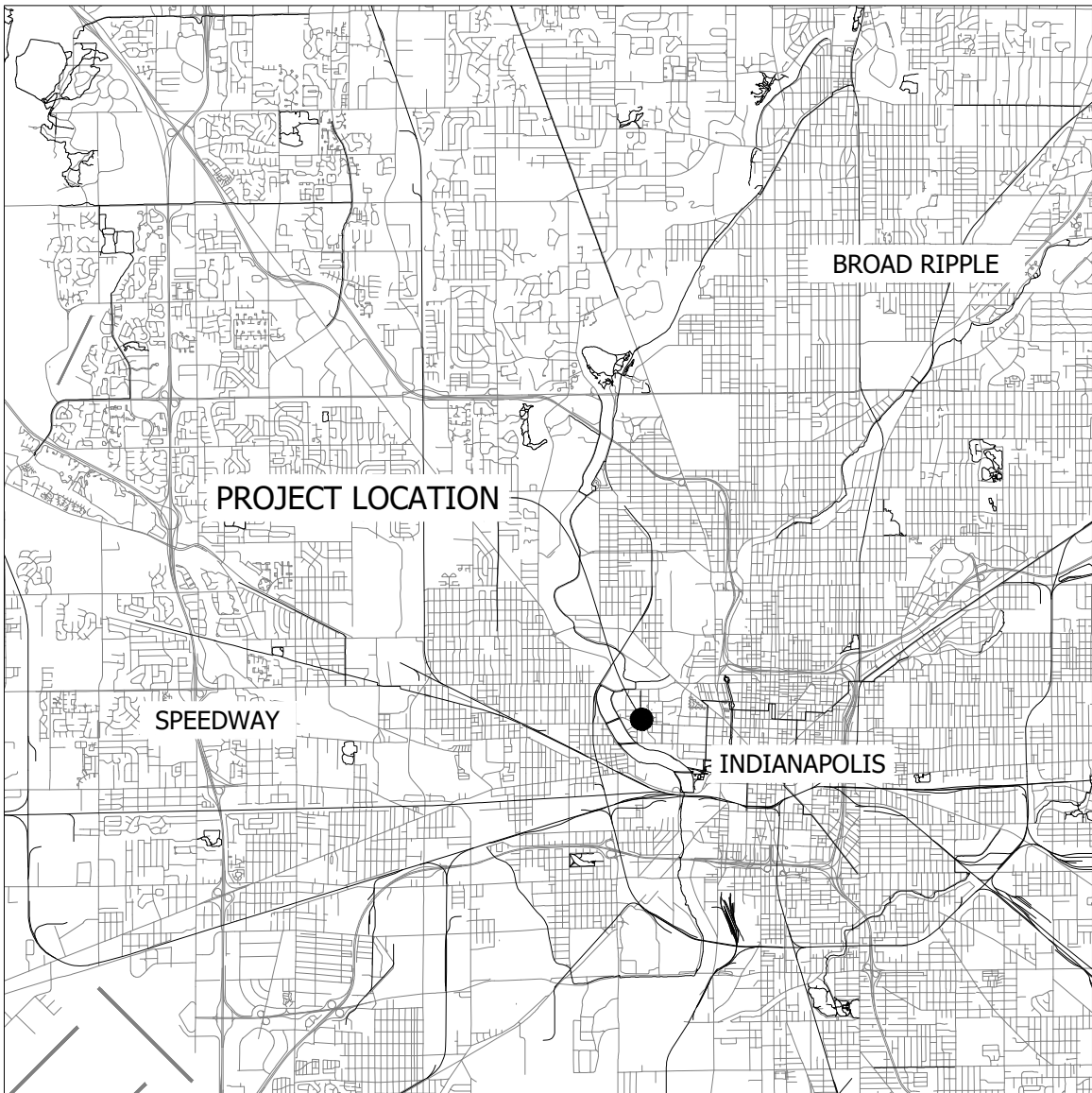


# 20240389 INDIANA UNIVERSITY INDIANAPOLIS - BALL HALL PARKING LOT IMPROVEMENTS

1226 W MICHIGAN ST INDIANAPOLIS, 46202



COUNTY LOCATION MAP  
SCALE: 1" = 20,000'



PROJECT LOCATION MAP  
SCALE: 1" = 10,000'



VICINITY MAP  
SCALE: 1" = 2,000'

DRAWING INDEX	
Sheet Title	Sheet Number
COVER PAGE	C-001
GENERAL NOTES	C-002
EXISTING CONDITIONS	S-001
DEMO PLAN	D-101
SITE PLAN	C-101
SITE DETAILS	C-102
SITE DETAILS	C-103
GRADING PLAN	C-201
STORM PLAN	C-301
STORM PROFILE AND STRUCTURE TABLE	C-302
STORM & GRADING DETAILS	C-303
STORM & GRADING DETAILS	C-304
STORM & GRADING DETAILS	C-305
STORM & GRADING DETAILS	C-306
EX. COND. EROSION CONTROL PLAN	C-500
DEMO EROSION CONTROL PLAN	C-501
POST EROSION CONTROL PLAN	C-502
EROSION CONTROL DETAILS	C-503
SWPPP NOTES (CGSP)	C-504
LANDSCAPE PLAN	L-500
LANDSCAPE PLAN	L-501
LANDSCAPE DETAILS	L-520
LANDSCAPE DETAILS	L-7.00
LANDSCAPE DETAILS	L-7.10
INFORMATION	ES-001
ELECTRICAL DEMOLITION SITE PLAN	ES-101
ELECTRICAL SITE PLAN	ES-201

INDIANAPOLIS DEPARTMENT OF BUSINESS AND  
NEIGHBORHOOD SERVICES, (BNS),  
CITY-COUNTY BUILDING  
200 E. WASHINGTON STREET, SUITE 107  
INDIANAPOLIS, IN 46204  
317-327-8700  
FINAL PLANS APPROVED \_\_\_\_\_, 2024

## PROJECT LOCATION

PROJECT IS LOCATED TO THE NORTH OF W MICHIGAN STREET WITH THE NEAREST  
LARGE INTERSECTION AS N WEST STREET AND W MICHIGAN STREET.

## USGS REFERENCED BENCHMARK

GENERAL COORDINATES: 39° N & 86°  
SEC. 2-15-3: IN INDIANAPOLIS, AT 902 WEST NEW YORK STREET, IN THE NORTHWEST  
CORNER OF A PLANTER AT THE NUMBER 5 ENTRANCE ON THE NORTH SIDE OF THE  
EDUCATION-SOCIAL WORK BUILDING, 25.5 M (83.7 FT) WEST OF THE CORNER NORTH  
BLAKE STREET, 13.1 M (43.0 FT) NORTH OF THE CENTER OF THE WEST 1 OF 3 DOORS OF  
THE ENTRANCE, 5.9 M (19.4 FT) EAST OF THE NORTH END OF A SET OF STEPS LEADING  
TO THE SECOND FLOOR OF THE BUILDING, 2.7 M (8.9 FT) WEST OF THE WEST FACE OF  
THE BUILDING, AND 0.2 M (0.7 FT) SOUTH OF THE SOUTH EDGE OF A SIDEWALK.  
NOTE-ACCESS TO DATUM POINT IS HAD THROUGH A 5-INCH LOGO CAP. THE MARK IS  
ABOVE LEVEL WITH SIDEWALK.

ELEV. 704.16

## STORM SEWER INVENTORY

STRUCTURE / PIPE	QUANTITY
RCP, 12-IN.	374 LF
RCP, 15-IN	124 EACH
RCP, 18-IN	76 EACH
RCP, 24-IN	44 LF
INDOT MANHOLE TYPE C	4 EACH
INDOT INLET TYPE A	7 EACH

## QUANTITIES NOTE:

ANY AND ALL QUANTITY TABLES, NOTES OR VALUES AS SHOWN ON THESE PLANS ARE  
FOR REFERENCE ONLY. THE PLANS, DETAILS, AND SPECIFICATIONS GOVERN. IT IS THE  
RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THE ENTIRE CONSTRUCTION SET  
AND DETERMINE ALL THE FINAL QUANTITIES FOR ALL NECESSARY ITEMS REQUIRED TO  
COMPLETE THIS PROJECT. THE OWNER OR THE ENGINEER WILL NOT BE HELD LIABLE  
OR RESPONSIBLE FOR ESTIMATES NOT CONFIRMED BY THE CONTRACTORS. THE  
CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BIDDING AND CONSTRUCTION.  
IF DISCREPANCIES ARE FOUND, CONTACT THE ENGINEER IMMEDIATELY.

## WATER QUALITY BMP INFORMATION

TYPE	STATE PLANE COORDINATES	
	X (EAST)	Y (NORTH)
UNDERGROUND DETENTION	182907.1325	1649281.3060
STORMTRAP STORMSETTLER, SSET-5	182934.5731	1649284.4766

## OWNER/DEVELOPER:

TRUSTEES OF INDIANA UNIVERSITY  
2901 E. DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

## CIVIL ENGINEER:

JQOL QUALITY OF LIFE  
8440 ALLISON POINTE BLVD,  
INDIANAPOLIS, IN 46250  
HTTP://JQOLUSA.COM



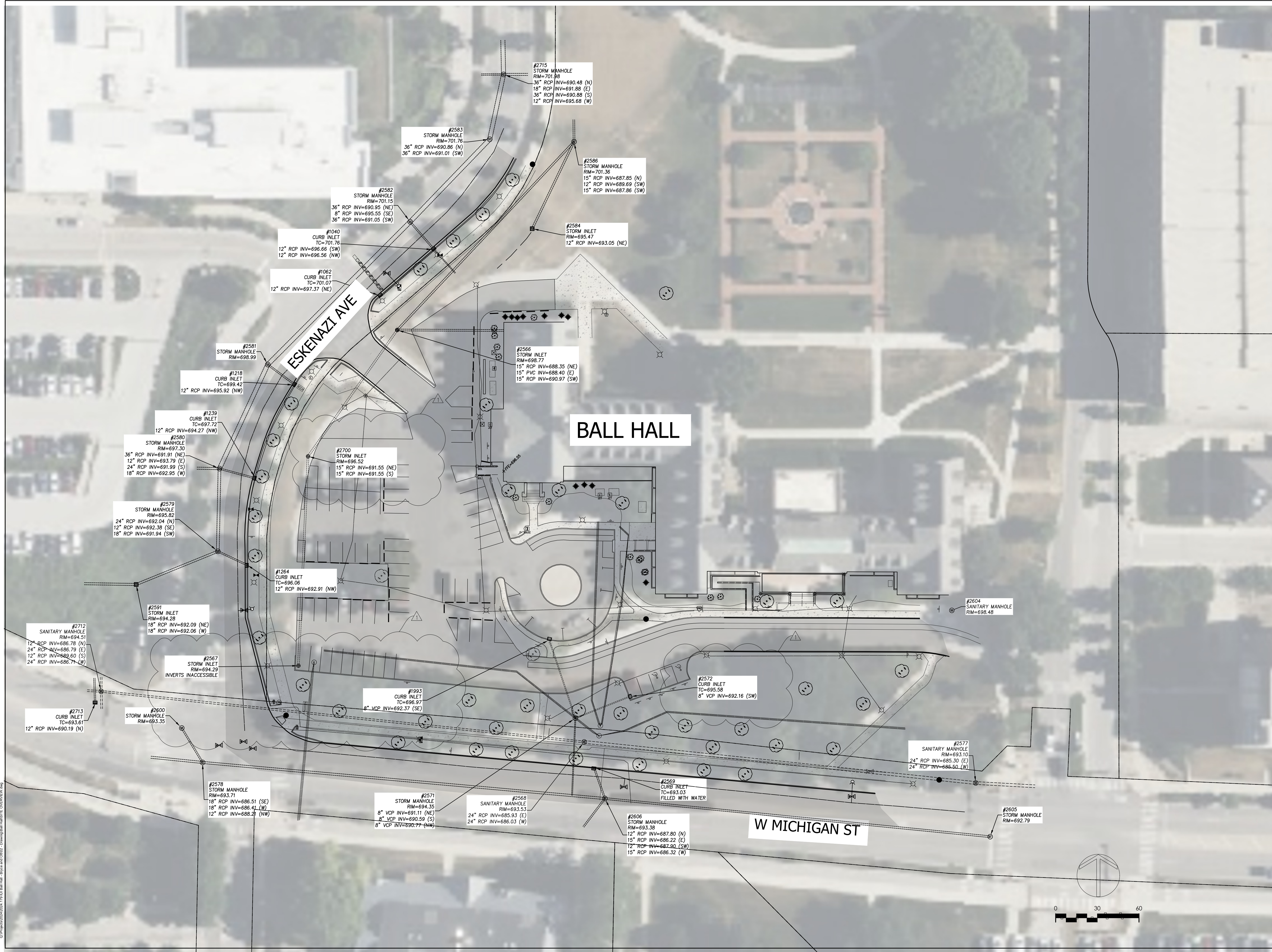
Know what's below.  
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*Robert Santos*

ISSUE FOR CONSTRUCTION 05/05/2025





Q:\Projects\2024\2024-179-Ball Hall - Storm and Sewer - Drawing\Ball Hall\SITE OVERVIEW.dwg



DATE: 05/05/2025

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PROJECT:  
**INDIANA UNIVERSITY - INDIANAPOLIS**

1325 W MICHIGAN ST  
INDIANAPOLIS, IN 46202

PREPARED FOR:  
**INDIANA UNIVERSITY**  
9501 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47405

#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.: 20240389

SHEET NAME:  
EXISTING CONDITIONS

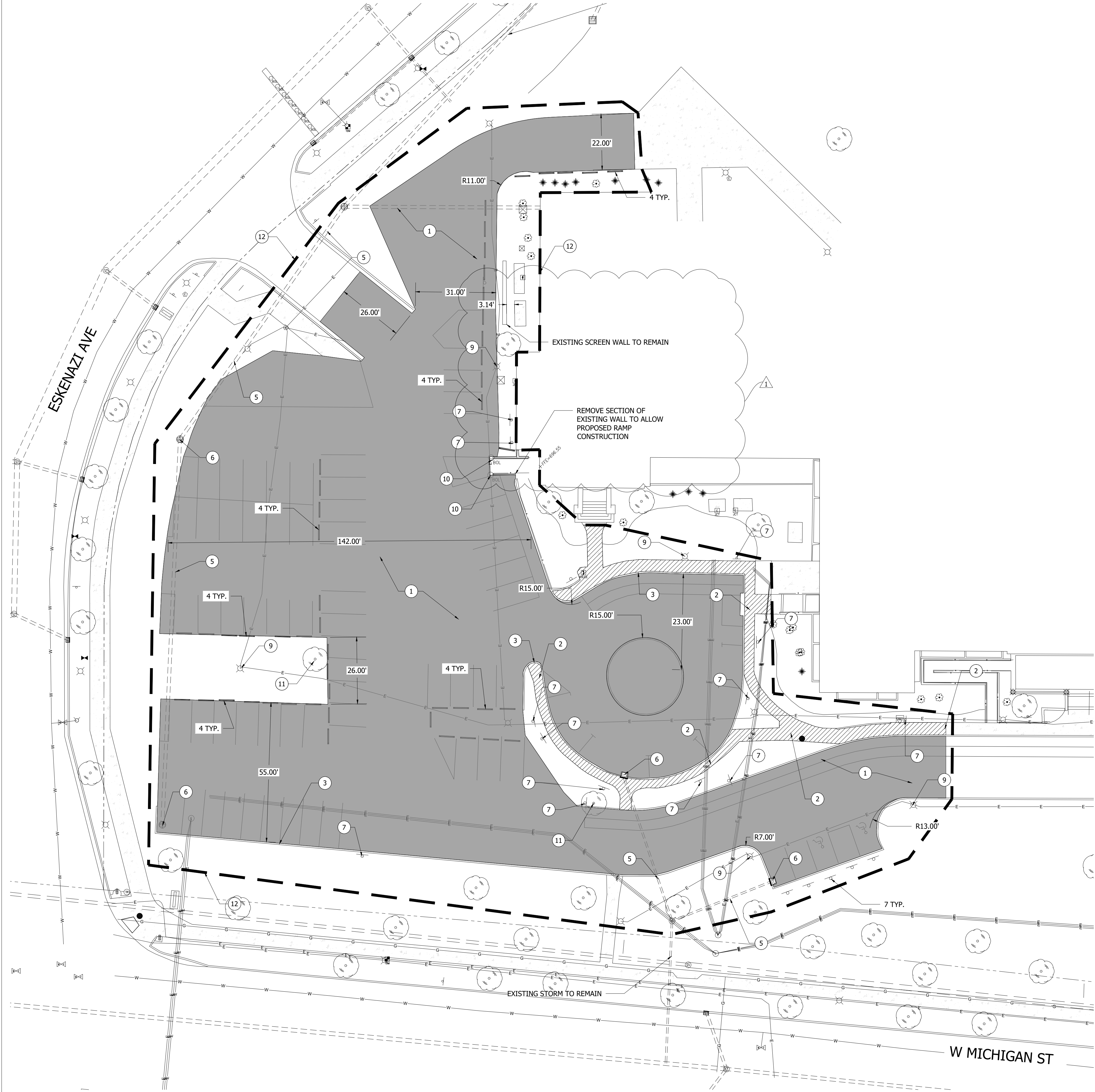
SHEET ISSUE DATE: 05/05/2025

SCALE: 1" = 30'

DESIGNED: AKD CHECKED: RJS

SHEET NO.: S-001





DEMOLITION PLAN KEYNOTES

- 1 PAVEMENT REMOVAL
- 2 REMOVE SIDEWALK
- 3 REMOVE CURB
- 4 REMOVE PARKING BUMPERS
- 5 REMOVE STORM PIPE
- 6 REMOVE STORM INLET
- 7 REMOVE SIGN
- 8 REMOVE STORM MANHOLE
- 9 REMOVE POWER STRUCTURE
- 10 REMOVE BOLLARD
- 11 REMOVE TREE
- 12 LIMITS OF DISTURBANCE

GENERAL NOTES:

CONTRACTOR SHALL VERIFY THE LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL MAINTAIN UTILITY SERVICE FOR DURATION OF CONSTRUCTION.

CONTRACTOR SHALL PROVIDE TEMPORARY SEEDING TO ALL DISTURBED AREAS WITHIN (7) DAYS OF COMPLETION OF WORK.



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PROJECT: INDIANA UNIVERSITY - INDIANAPOLIS

1235 W MICHIGAN ST  
INDIANAPOLIS, IN 46202

PREPARED FOR:

INDIANA UNIVERSITY

280 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.: 20240389

SHEET NAME: D-101 DEMO PLAN

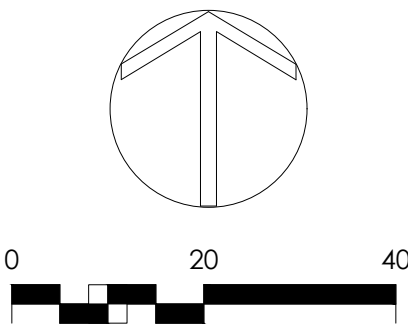
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SCALE: #####

DESIGNED: AKD CHECKED: RJS

SHEET NO.:

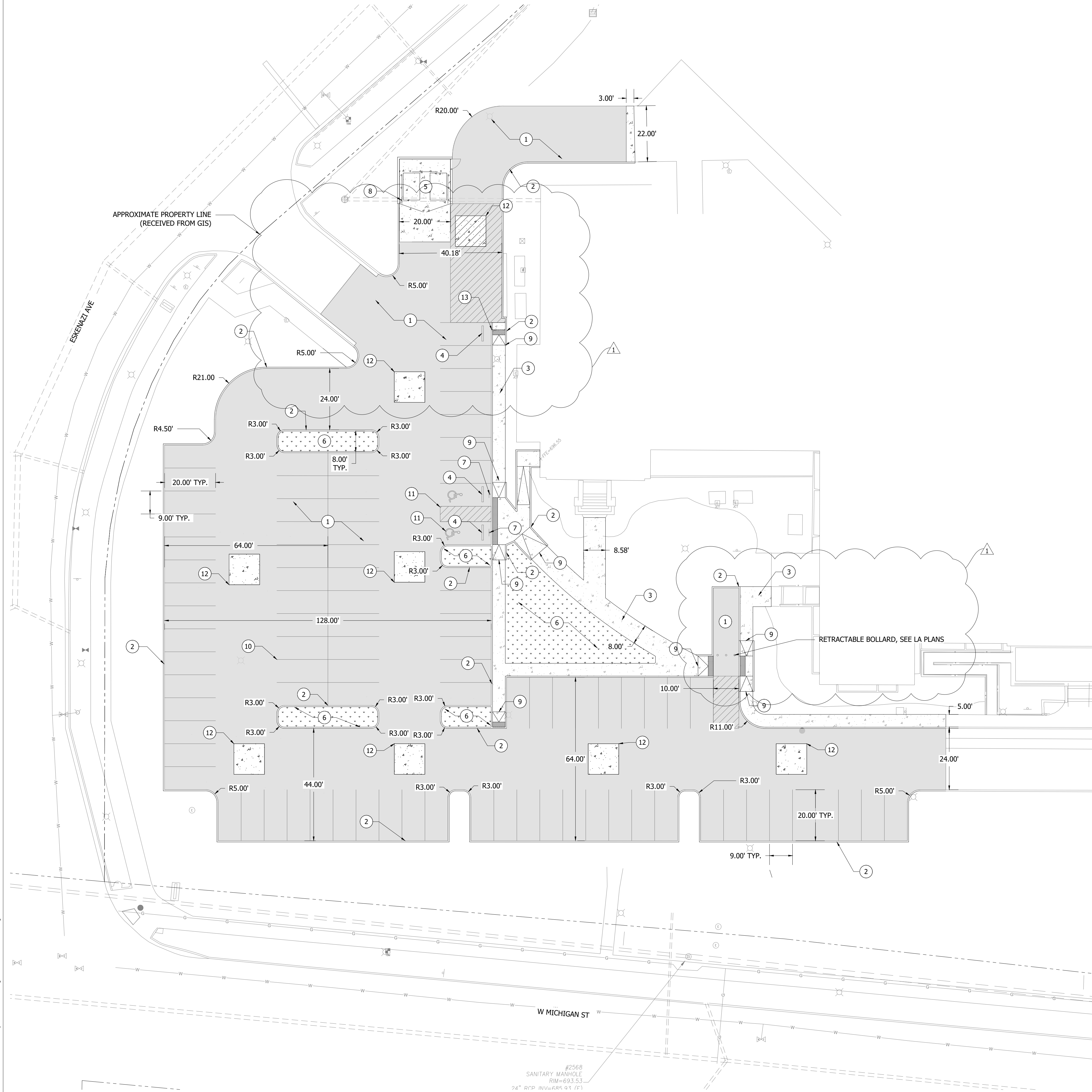
D-101



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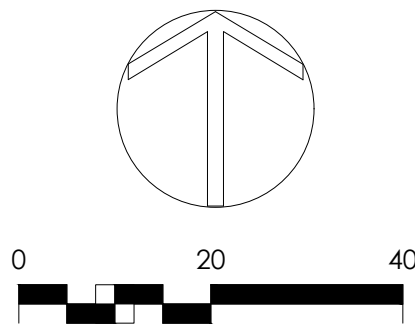
D:\Projects\2024\04\24-175-141-Bldg-Hall - Bryce and Ott - Drawing\Site\Sheet C-101 SITE PLAN.dwg



SITE PLAN KEYNOTES

- 1 FULL DEPTH HMA PAVEMENT, SEE SITE DETAIL ON SHEET C-102
- 2 CONCRETE CURB, SEE SITE DETAIL ON SHEET C-102
- 3 CONCRETE SIDEWALK, SEE SITE DETAIL ON SHEET C-102
- 4 CONCRETE PARKING BUMPER (TYP.), SEE SITE DETAIL ON SHEET C-102
- 5 DUMPSTER ENCLOSURE, SEE SITE DETAIL ON SHEET C-103
- 6 LANDSCAPE AREA, REFER TO LANDSCAPE PLANS
- 7 ADA SIGN, SEE DETAIL ON SHEET C-102
- 8 BOLLARDS (TYP.), SEE DETAIL ON SHEET C-102
- 9 CURB RAMP, SEE DETAILS ON SHEET C-103
- 10 4" WHITE PAVEMENT MARKINGS (TYP.)
- 11 4" BLUE PAVEMENT MARKINGS (TYP.)
- 12 CONCRETE APRON, SEE DETAIL ON SHEET C-102
- 13 TAPER 6" CURB

BRYCE & OTT PARKING REQUIREMENTS	
EXISTING SPACES	67 SPACES
EXISTING ADA SPACES	4 SPACES
PROPOSED SPACES	146 SPACES
PROPOSED ADA SPACES	2 SPACES



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100% CONSTRUCTION  
DOCUMENT

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INDIANA UNIVERSITY - INDIANAPOLIS

580 INDIANA AVENUE  
INDIANAPOLIS, IN 46202

PREPARED FOR:  
INDIANA UNIVERSITY

2801 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47403

#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.: NO. 20240389

SHEET NAME:  
SITE PLAN

SHEET ISSUE DATE: 05/05/2025

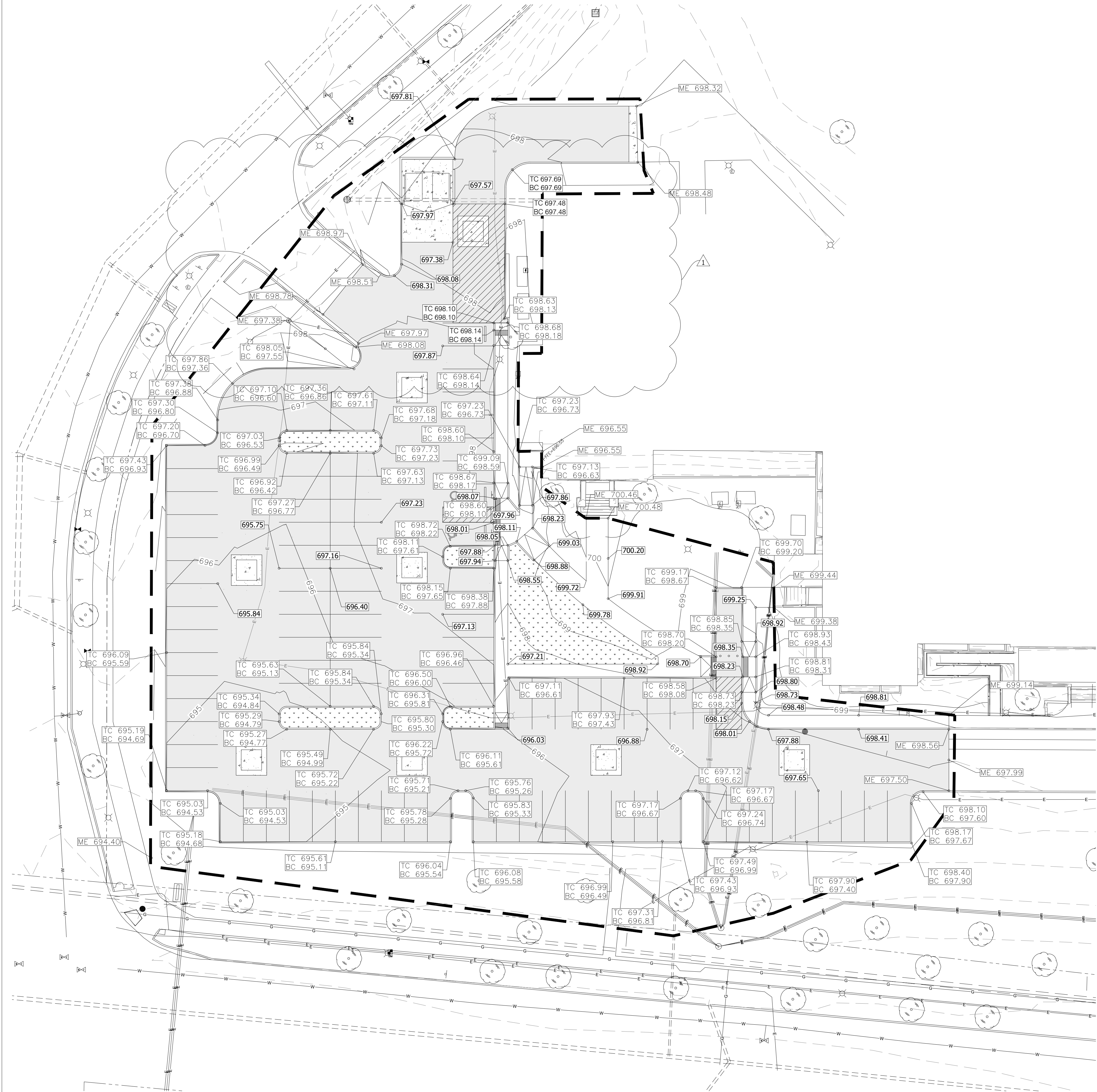
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DESIGNED: AKD CHECKED: RJS

SHEET NO.: C-101



Q:\Projects\2024\2024\_179 All Ball Hall - Bryce and Orsco - Drawings\Ball Hall\CG-101 GRADING PLAN.dwg



GRADING PLAN KEYNOTES

EXISTING CONTOUR

PROPOSED CONTOUR

SPOT ELEVATION

MATCH EXISTING GRADE

LIMITS OF DISTURBANCE

UNDERGROUND STORAGE

700

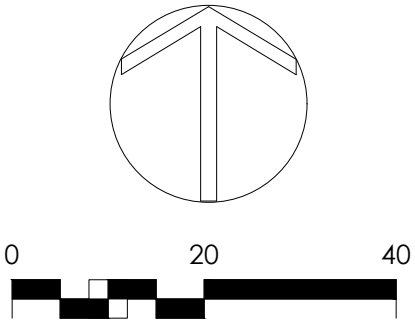
700

851.75

ME 851.75

700

700



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INDIANAPOLIS, IN 46202

PREPARED FOR: INDIANA UNIVERSITY  
2801 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.: 20240389

SHEET NAME: CG-101 GRADING PLAN

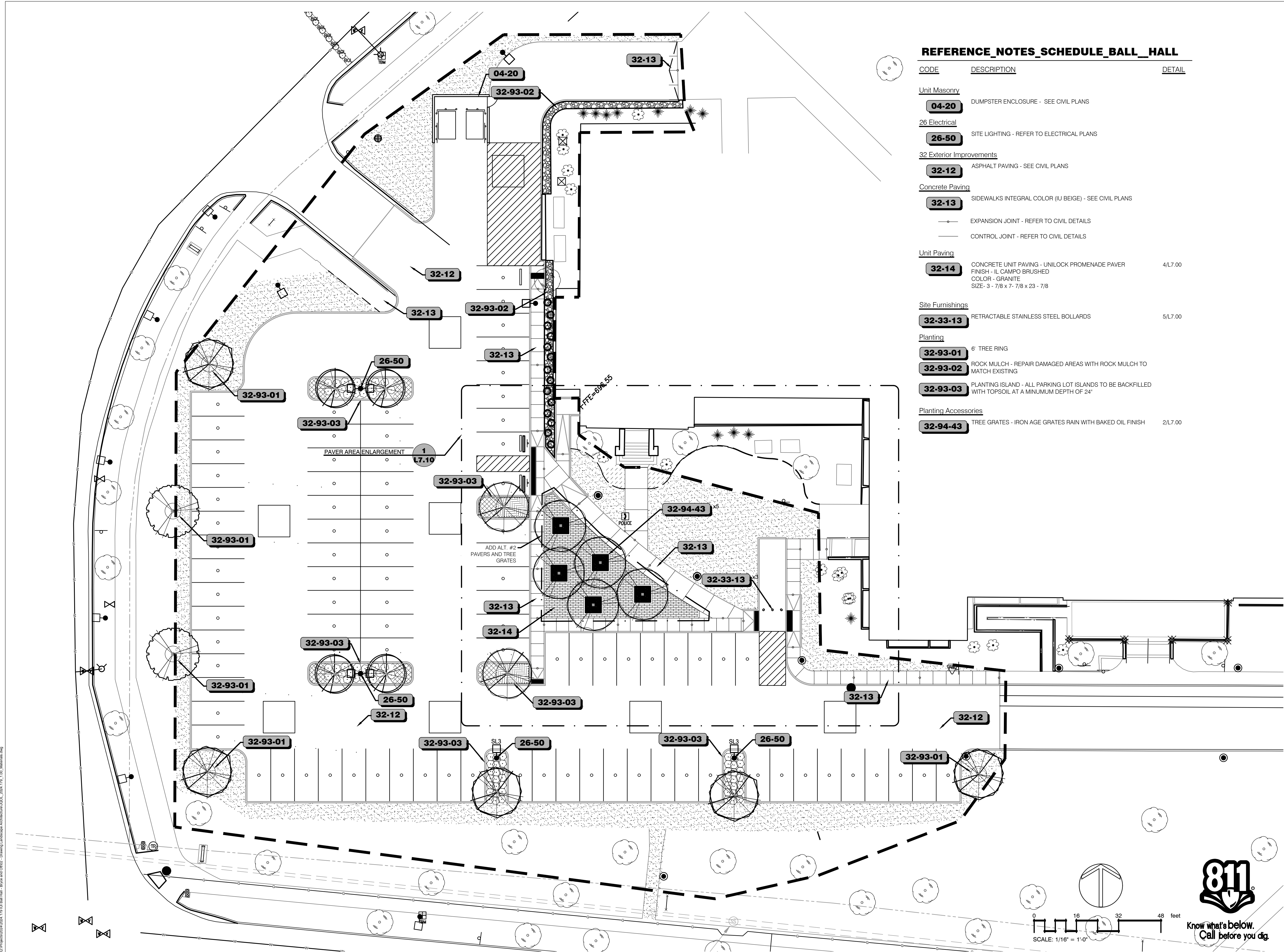
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SCALE: 1" = 20'

DESIGNED: AKD CHECKED: RJS

SHEET NO.: C-201





**REFERENCE\_NOTES\_SCHEDULE\_BALL\_HALL**

### Unit Masonry

## 26 Electrical

## 32 Exterior Improvements

### Concrete Paving

—◆— EXPANSION JOINT - REFER TO CIVIL DETAILS

### Unit Paving

4/L7.00

### Site Furnishings

5/L7.00

### Planting

**32-93-02** ROCK MULCH - REPAIR DAMAGED AREAS WITH ROCK MULCH TO MATCH EXISTING


**32-93-03** PLANTING ISLAND - ALL PARKING LOT ISLANDS TO BE BACKFILLED WITH TOPSOIL AT A MINIMUM DEPTH OF 24"

## Planting Accessories

2/L7.00



0 16 32 48 feet

A triangle with a horizontal base and a vertical line extending from its right vertex. The number '1' is inside the triangle.

500


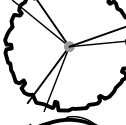
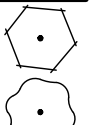


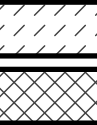



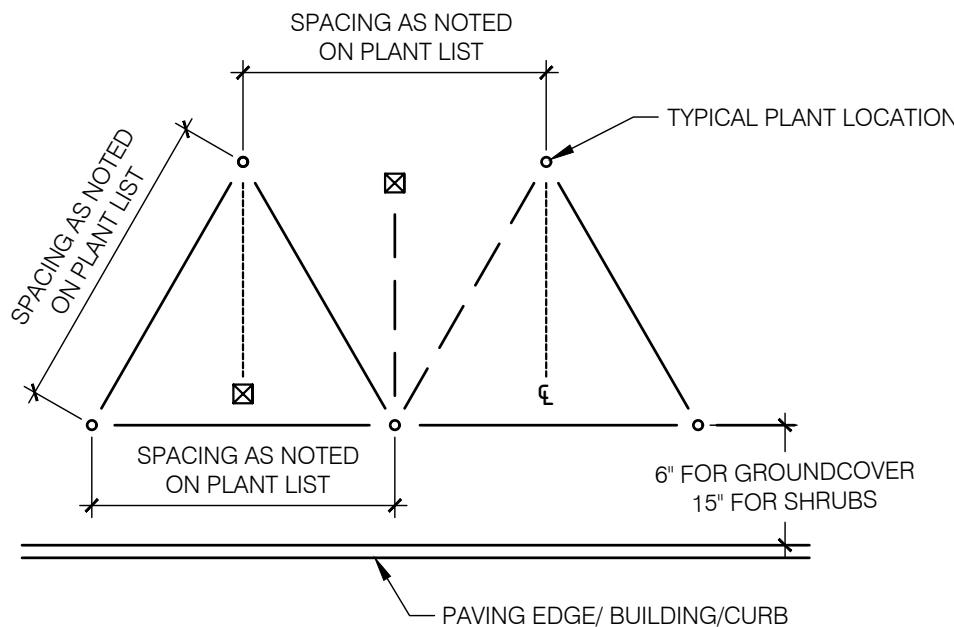




O:\Projects\2024\2024-179 Ball Hall - Bryon and Condo - Drawing Landscape Architecture\JQOL\_2024-179\_L1-00\_Planing.dwg

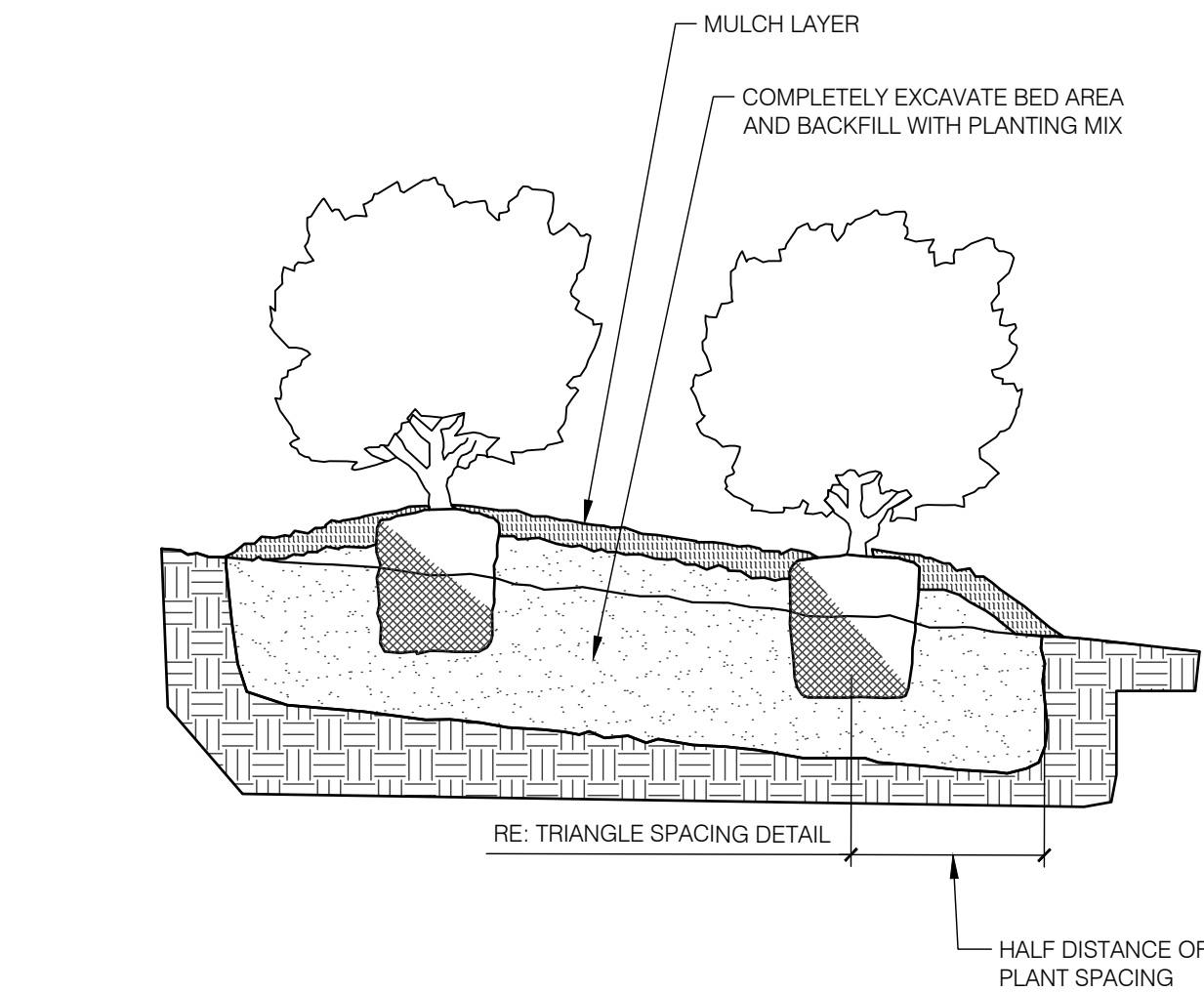
PLANT SCHEDULE BALL HALL

<u>SYMBOL</u>	<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>CONTAINER</u>		<u>QTY</u>	<u>DETAIL</u>	<u>REMARKS</u>	
TREES									
	AG	Amelanchier x grandiflora 'Autumn Brilliance' / Autumn Brilliance Apple Serviceberry	2" Cal.	B&B		4			
	CK	Cladrastis kentukea / American Yellowwood	2.5" Cal.	B&B		5			
	QA	Quercus alba / White Oak	2.5" Cal.	B&B		2			
	UA	Ulmus parvifolia 'Allee' / Allee® Lacebark Elm	2.5" Cal.	B&B		5			
	UC	Ulmus x 'Frontier' / Frontier Elm	2.5" Cal.	B&B		2			
<u>SYMBOL</u>	<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>CONTAINER</u>	<u>INSTALL HEIGHT</u>	<u>QTY</u>	<u>DETAIL</u>	<u>REMARKS</u>	
SHRUBS									
	CA	Ceanothus americanus / New Jersey Tea	1 gal.	Pot	18"	42			
	HJ	Hydrangea paniculata 'Jane' / Little Lime® Panicle Hydrangea	#3	Pot	24"	38			
GRASSES									
	SA	Sesleria autumnalis / Autumn Moor Grass	#3	Pot	18"	14			
<u>SYMBOL</u>	<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>CONTAINER</u>	<u>INSTALL HEIGHT</u>	<u>SPACING</u>	<u>QTY</u>	<u>DETAIL</u>	<u>REMARKS</u>
GRASSES									
	CL	Chasmanthium latifolium / Northern Sea Oats	#1	Pot	18"	24" o.c.	50		
<u>SYMBOL</u>	<u>CODE</u>	<u>BOTANICAL / COMMON NAME</u>	<u>SIZE</u>	<u>CONTAINER</u>		<u>SPACING</u>	<u>QTY</u>	<u>DETAIL</u>	<u>REMARKS</u>
GROUND COVERS									
	AW	Aster dumosus 'Wood's Light Blue' / Wood's Light Blue Aster	#1	Pot		16" o.c.	64		
	LB	Liriope muscari 'Big Blue' / Big Blue Lilyturf	#1	Pot		16" o.c.	176		
SOD/SEED									
	TS	SOD	seed				10,901 sf		TALL TURF TYPE FESCUE - SOD



TRIANGULAR SPACING DIAGRAM

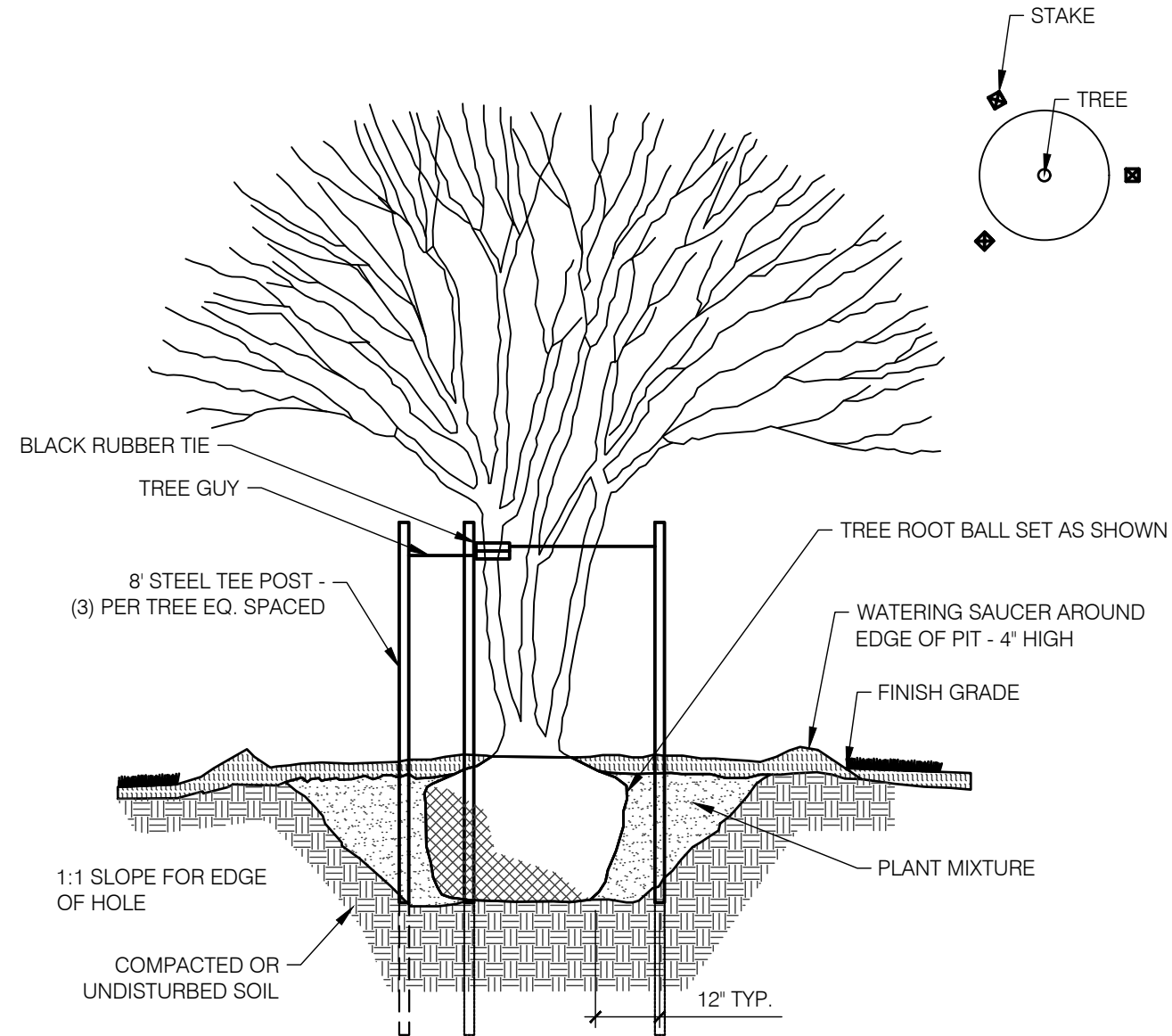
1/2" = 1'-0"



SHRUB/GROUNDCOVER PLANTING

1" = 1'-0"

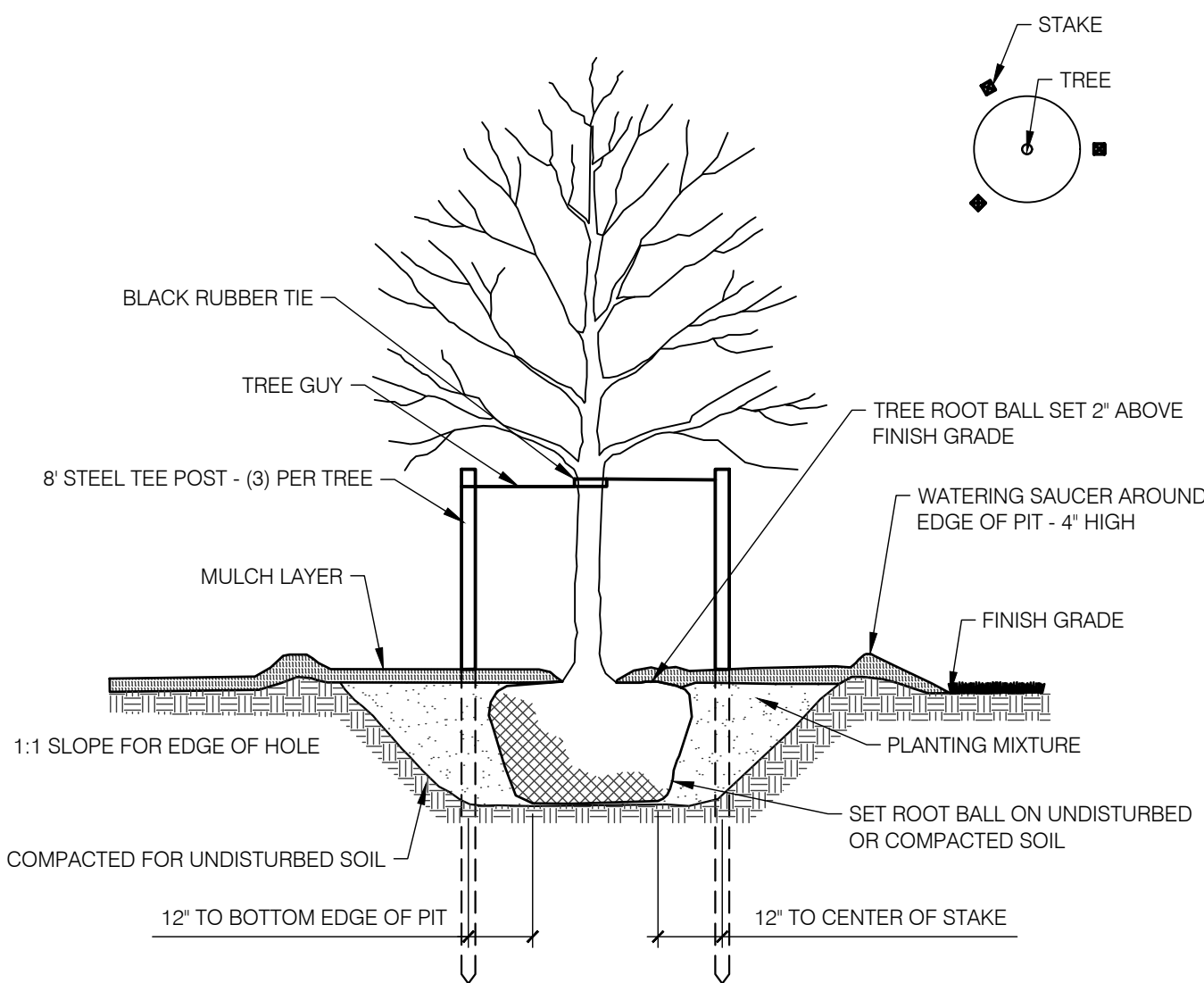
329343-02



MULTI-TRUNK TREE PLANTING

3/8" = 1'-0"

DETAIL-FILE



STANDARD TREE PLANTING

3/8" = 1'-0"

DETAIL-FILE



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CONSTRUCTION

DATE: 04/11/2025

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BID DOCUMENTS

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PREPARED FOR:

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2801 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.: 20240389

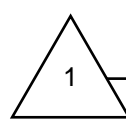
SHEET NAME:  
BALL HALL PLANTING SCHEDULE  
LANDSCAPE DETAILS

SHEET ISSUE DATE: 05/09/2025

SCALE: 1/16"=1'-0"

DESIGNED: AKD CHECKED: RJS

SHEET NO.:



L520



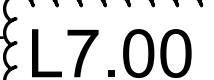
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BID DOCUMENTS

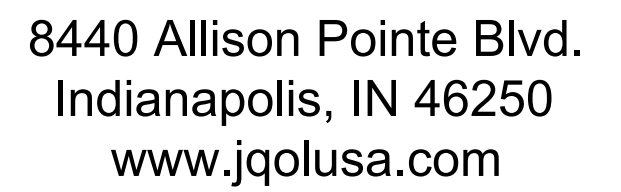
1226 W MICHIGAN ST  
INDIANAPOLIS, IN 46202

2901 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

SHEET NO.:                     







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INDIANA UNIVERSITY

# INDIA

2901 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.:	20240389
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SHEET NAME:  
DETAILS

SHEET ISSUE DATE: 05/09/2025

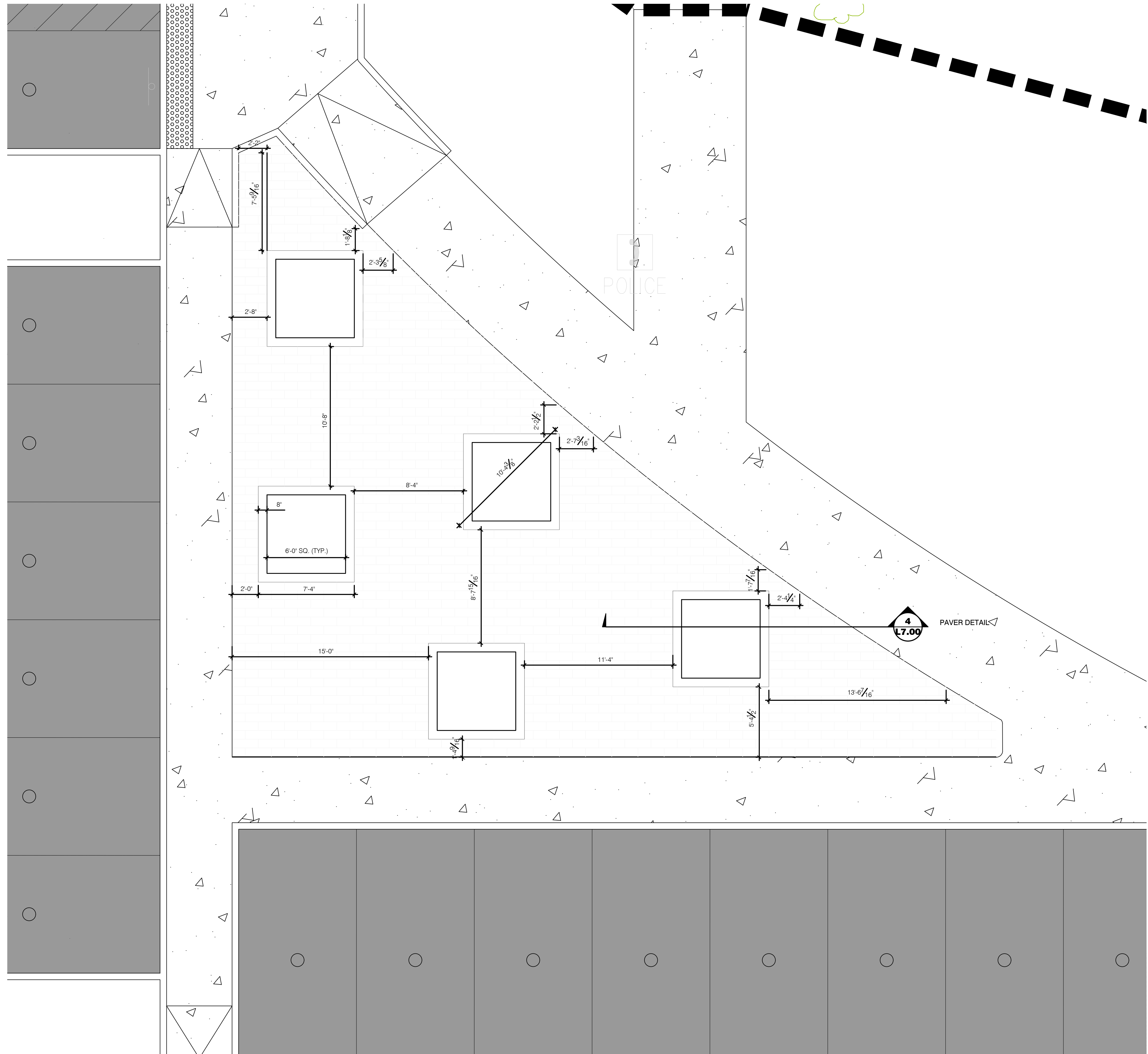
SCALE: 1/16"=1'-0"

DESIGNED:	AKD	CHECKED:	RJS
-----------	-----	----------	-----

SHEET NO.:  $\Delta$                      

A diagram of a triangle with an interior angle labeled 1.

L7.10



## 1 PAVER AREA ENLARGEMENT

$$1/4'' = 1'-0''$$

321413-02



K:\2024\11\13\Parking Bayou Building\Electrical\ES-001.dwg  
K:\2024\11\13\Parking Bayou Building\Electrical\ES-001.dwg

### LIGHT FIXTURE SCHEDULE

TAG	MANUFACTURER'S CATALOG NUMBER	VOLTAGE	MOUNT	MIN. LUMEN OUTPUT * (D/I)	CT	CRI	MAX. WATTS	DESCRIPTION	REMARKS
SL1	BEACON #VP-2-320L-145-4K7-2-UNV-DB-SCP MCGRAW-EDISON #GLEON SERIES	MVOLT	EXISTING POLE	22,097	4000	70	146	DIE CAST ALUMINUM FIXTURE WITH POWDER COAT BRONZE FINISH, PROVIDE ADAPTER AS REQUIRED FOR POLE MOUNTING. PROVIDE CUSTOM MOUNTING PLATE AS REQUIRED. PROVIDE WITH WIRELESS HANDHELD CONFIGURATION TOOL.	
SL2	BEACON #VP-2-320L-145-4K7-50W-UNV-DB-SCP MCGRAW-EDISON #GLEON SERIES	MVOLT	EXISTING POLE	22,097	4000	70	146	DIE CAST ALUMINUM FIXTURE WITH POWDER COAT BRONZE FINISH, PROVIDE ADAPTER AS REQUIRED FOR POLE MOUNTING. PROVIDE CUSTOM MOUNTING PLATE AS REQUIRED. PROVIDE WITH WIRELESS HANDHELD CONFIGURATION TOOL.	
SL3	BEACON #VP-2-320L-145-4K7-2-UNV-DB-SCP MCGRAW-EDISON #GLEON SERIES	MVOLT	NEW POLE	22,097	4000	70	146	DIE CAST ALUMINUM FIXTURE WITH POWDER COAT BRONZE FINISH, PROVIDE ADAPTER AS REQUIRED FOR POLE MOUNTING. PROVIDE BEACON "RSA" SERIES 30'-0" TALL BY 6" DIAMETER ROUND STRAIGHT ALUMINUM WITH DARK BRONZE FINISH. POLE SHALL BE CONSTRUCTED OF SEAMLESS ROUND EXTRUDED ALUMINUM. THE POLE SHAFT SHALL TELESCOPE INTO THE BASE CASTING AND SHALL BE CIRCUMFERENTIALLY WELDED TOP AND BOTTOM. THE BASE SHALL BE HINGED. FURNISH WITH ROUND ALUMINUM BASE COVER, POLE CAP, REINFORCED HANDHOLE AT +18", AND GROUND LUG LOCATED NEAR HANDHOLE. POLE SHALL BE COMPLETE WITH INTERNAL VIBRATION DAMPERS. PROVIDE CUSTOM MOUNTING PLATE AS REQUIRED. PROVIDE WITH WIRELESS HANDHELD CONFIGURATION TOOL. <b>FIELD VERIFY EXISTING POLE HEIGHTS ON SITE.</b>	
<b>REMARKS:</b> 1. 2.									
<b>GENERAL NOTES:</b> 1. ELECTRICAL CONTRACTOR IS TO PROVIDE ALL NECESSARY HARDWARE AND ACCESSORIES FOR COMPLETE INSTALLATION OF LIGHT FIXTURES ACCORDING TO MANUFACTURERS RECOMMENDATIONS. 2. FULL MODEL NUMBER(S) LISTED ABOVE ARE BASIS OF DESIGN. CONTRACTOR IS RESPONSIBLE FOR DEVIATION FROM BASIS OF DESIGN. 3. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE ADDITIONAL CIRCUIT(S) AS REQUIRED FOR MAX. WATTAGE IN EXCESS OF BASIS OF DESIGN.									

### GENERAL ELECTRICAL DEMOLITION NOTES

- ALL EXISTING EQUIPMENT THAT IS TO REMAIN IS INTENDED TO BE OPERATIONAL AT THE COMPLETION OF THE PROJECT. RE-CIRCUIT WHERE NECESSARY TO INSURE THIS CONTINUED OPERATION.
- OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT THAT IS TO BE REMOVED.
- THE EXISTING EQUIPMENT SHOWN ON THE DRAWINGS IS BELIEVED TO BE A REASONABLE INDICATION OF THE EXISTING LAYOUT. EXACT QUANTITY AND LOCATION SHALL BE FIELD VERIFIED BY CONTRACTOR.

### GENERAL ELECTRICAL NOTES

- REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS.
- DIMENSIONS SHOWN ON OUTLET BOXES AND DEVICES SHALL BE TO THE BOTTOM OF THE BOX.
- CONDUIT SHOWN TO LIGHT FIXTURES IS SHOWN TO INDICATE SWITCHING AND DOES NOT REPRESENT THE QUANTITY OR EXACT LOCATION OF WIRING AND/OR CONDUIT.
- THE ELECTRICAL LAYOUT DRAWINGS ARE DIAGRAMMATIC IN NATURE. REFER TO ENTIRE CONSTRUCTION DRAWING SET AND SPECIFICATIONS FOR GUIDANCE ON DIMENSIONS, CEILING HEIGHTS, DOOR SWINGS, ROOM FINISHES, STRUCTURAL DETAILS, LOCATIONS OF PIPING, DUCTWORK, STRUCTURAL MEMBERS, AND OTHER OBSTRUCTIONS. INSTALL THE ELECTRICAL SYSTEMS SO AS NOT TO INTERFERE WITH THE INSTALLATION OR FUNCTION OF ANY WORK BY ANOTHER DISCIPLINE.
- ALL DIMENSIONS OF EXISTING DEVICES AND EQUIPMENT ARE APPROXIMATE. CONTRACTOR SHALL MAKE ALL NECESSARY FIELD MEASUREMENTS OF EXISTING STRUCTURES AND EQUIPMENT TO VERIFY DIMENSIONS SHOWN ON THE PLANS. ALL ADDED COSTS TO MODIFY NEW CONSTRUCTION DUE TO A LACK OF COORDINATION AND FIELD MEASUREMENTS SHALL BE BORNE BY THE CONTRACTOR.
- COORDINATE ALL EQUIPMENT WIRING WITH MFR'S REQUIREMENTS. CHANGES REQUIRED FROM THE USE OF PRODUCTS THAT ARE OTHER THAN THE BASIS OF DESIGN SHALL BE BORNE BY THE CONTRACTOR.
- SIZING OF BRANCH CIRCUITS AND FEEDERS FOR EQUIPMENT IS BASED ON DESIGN LOADS. PRIOR TO INSTALLATION, CONFIRM EXACT LOADS WITH RELEASED SHOP DRAWINGS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ENGINEER PRIOR TO ROUGH-IN.
- BRANCH CIRCUITS SHALL BE WIRED WITH 3/4" C, 2-#12, 1-#12G, UNLESS NOTED OTHERWISE. NEUTRAL CONDUCTORS SHALL NOT BE SHARED ON BRANCH CIRCUITS.
- WHERE CONDUIT AND WIRING HAS NOT BEEN SHOWN ON THE DRAWINGS, THE ARRANGEMENT AND ROUTING OF LIGHTING AND RECEPTACLE BRANCH CIRCUITS SHALL BE AT THE DISCRETION OF CONTRACTOR IN ACCORDANCE WITH GENERALLY ACCEPTED GOOD PRACTICE, N.E.C. REQUIREMENTS, AND THE FOLLOWING LIMITATIONS:
- EXCEPT WHERE NOTED OTHERWISE, SIZE BRANCH CIRCUIT CONDUCTORS WITHIN THE FOLLOWING MAXIMUM LENGTH LIMITS: (MEASURE TO THE CENTER OF THE LOAD FOR LIGHTING AND TO THE MOST REMOTE OUTLET FOR RECEPTACLE CIRCUITS.)

CIRCUIT BREAKER	CIRCUIT LENGTH	CONDUCTOR SIZE
120V, 20 A	100 FEET	#12
	150 FEET	#10
	200 FEET	#8
- PROVIDE #12 AWG MINIMUM FOR BRANCH CIRCUITS. PROVIDE ADDITIONAL DERATING PER N.E.C. TABLES 310-16 THROUGH 310-31 FOR ALL HOME RUNS WITH MORE THAN THREE CURRENT CARRYING CONDUCTORS IN A RACEWAY.
- CONDUITS SHALL BE LIMITED TO A MAXIMUM OF NINE BRANCH CIRCUIT CONDUCTORS OF WHICH A MAXIMUM OF FOUR PHASE CONDUCTORS SHALL BE PERMITTED. GROUNDING CONDUCTORS SHALL NOT BE INCLUDED IN THE COUNT.

### ELECTRICAL SYMBOLS SCHEDULE

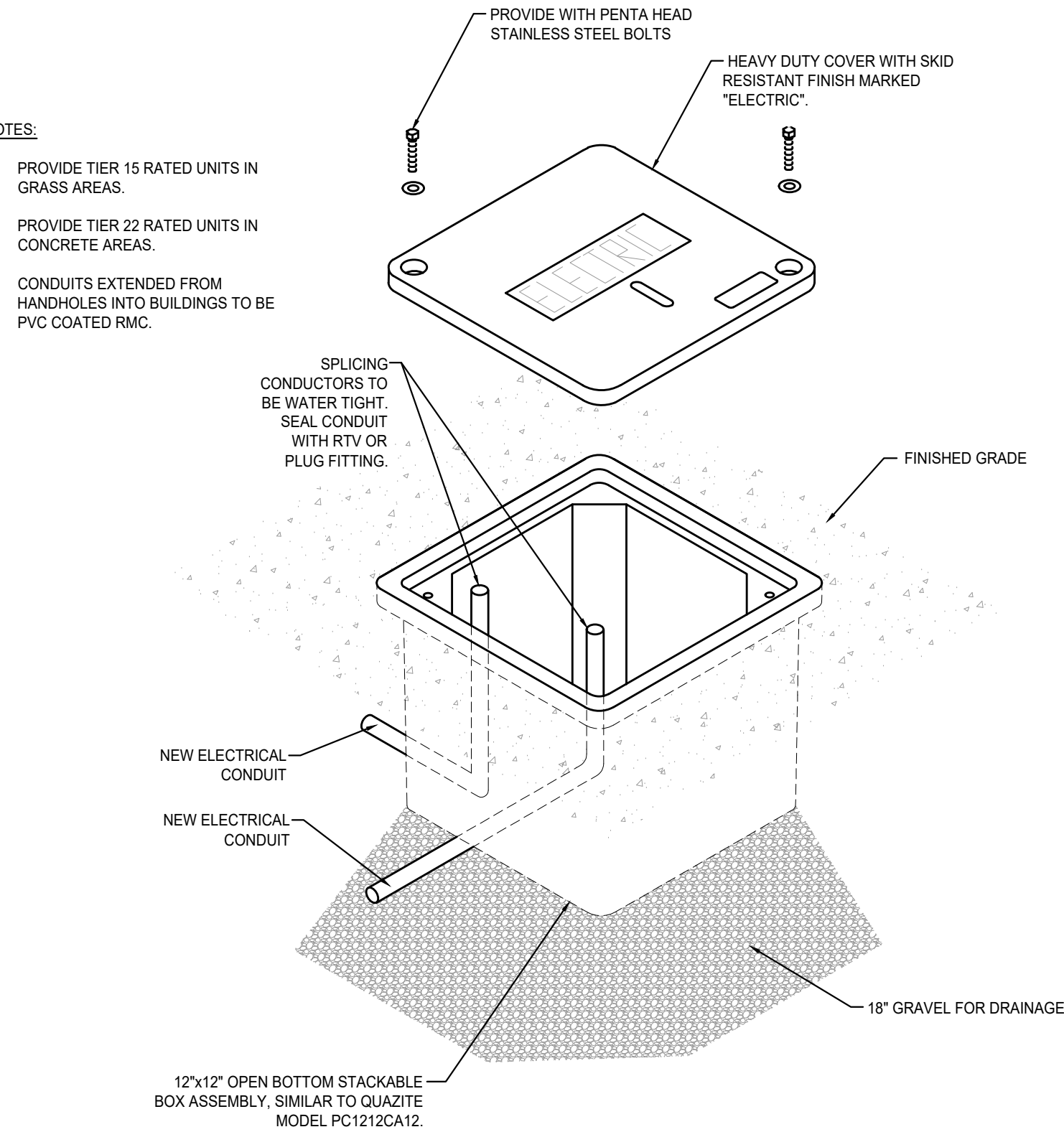
- XX  
EXTERIOR POLE MOUNTED FIXTURE, "XX" DENOTES FIXTURE TYPE
- XX  
EXTERIOR POLE, POST MOUNTED FIXTURE, "XX" DENOTES FIXTURE TYPE

### LINE TYPE SCHEDULE

- UNDERGROUND COMMUNICATION FEED LINE TYPE AND WEIGHT
- UNDERGROUND FEED LINE TYPE AND WEIGHT
- NEW POWER LINE WEIGHT
- NEW MECHANICAL EQUIPMENT LINE WEIGHT
- NEW LIGHTING LINE WEIGHT
- NEW LIGHTING DEVICE LINE WEIGHT
- NEW EMERGENCY AND FIRE DEVICE LINE WEIGHT
- NEW COMMUNICATION DEVICE LINE WEIGHT
- EXISTING TO REMAIN LINE WEIGHT
- EXISTING TO BE DEMOLISHED LINE TYPE AND WEIGHT

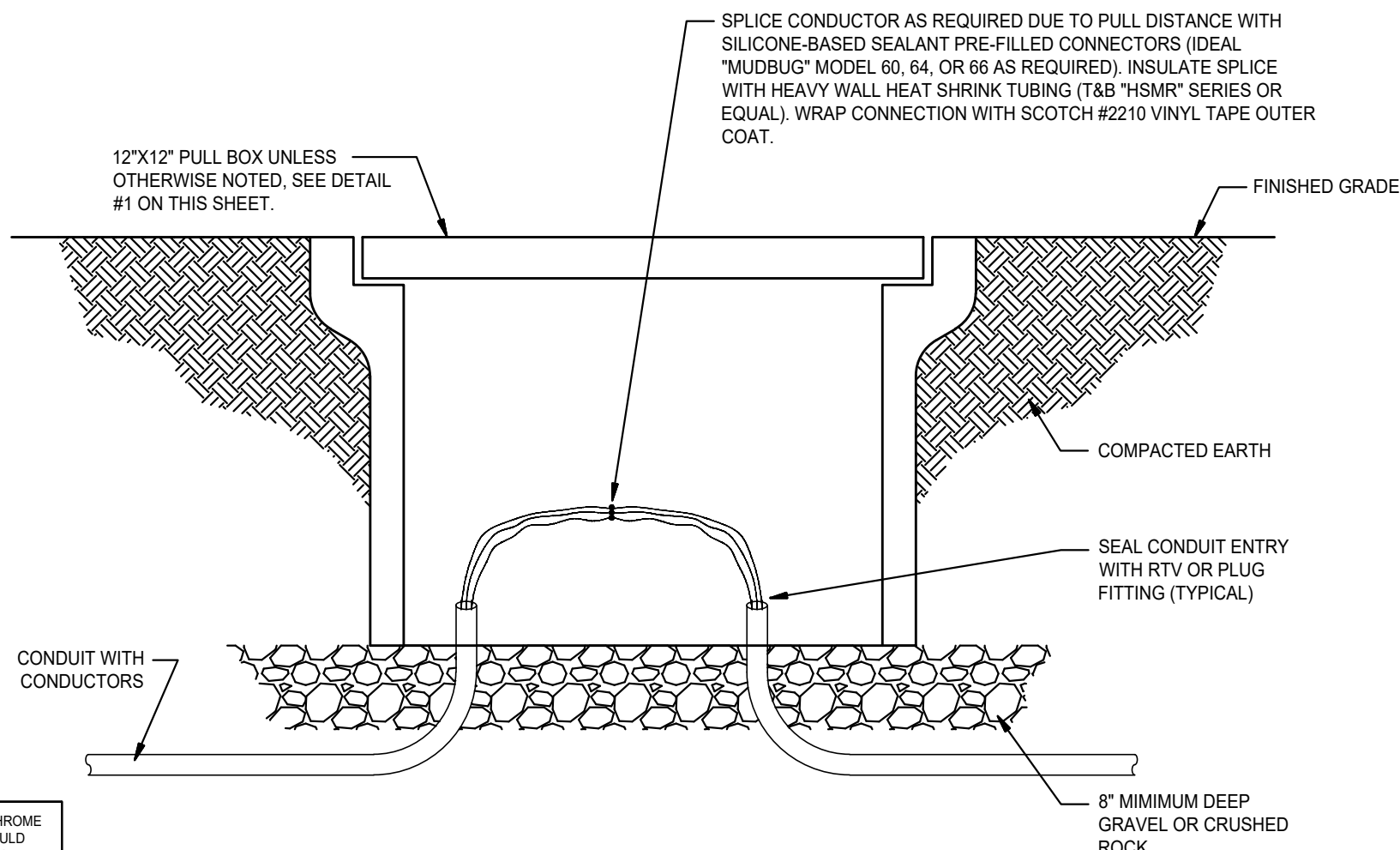
### 1 ELECTRIC PULL BOX DETAIL

NOT TO SCALE

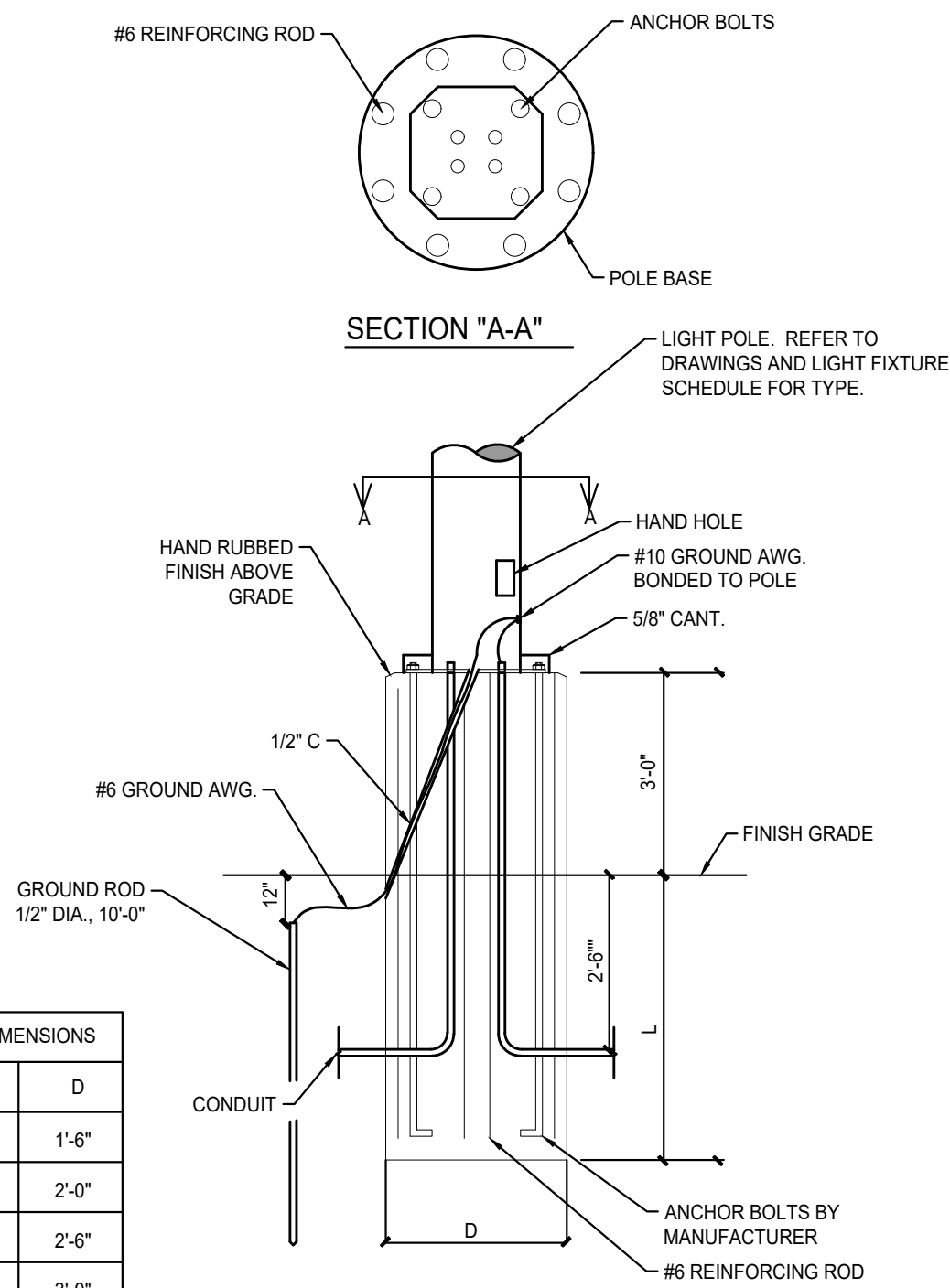


### 2 SPLICE IN PULL BOX DETAIL

NOT TO SCALE



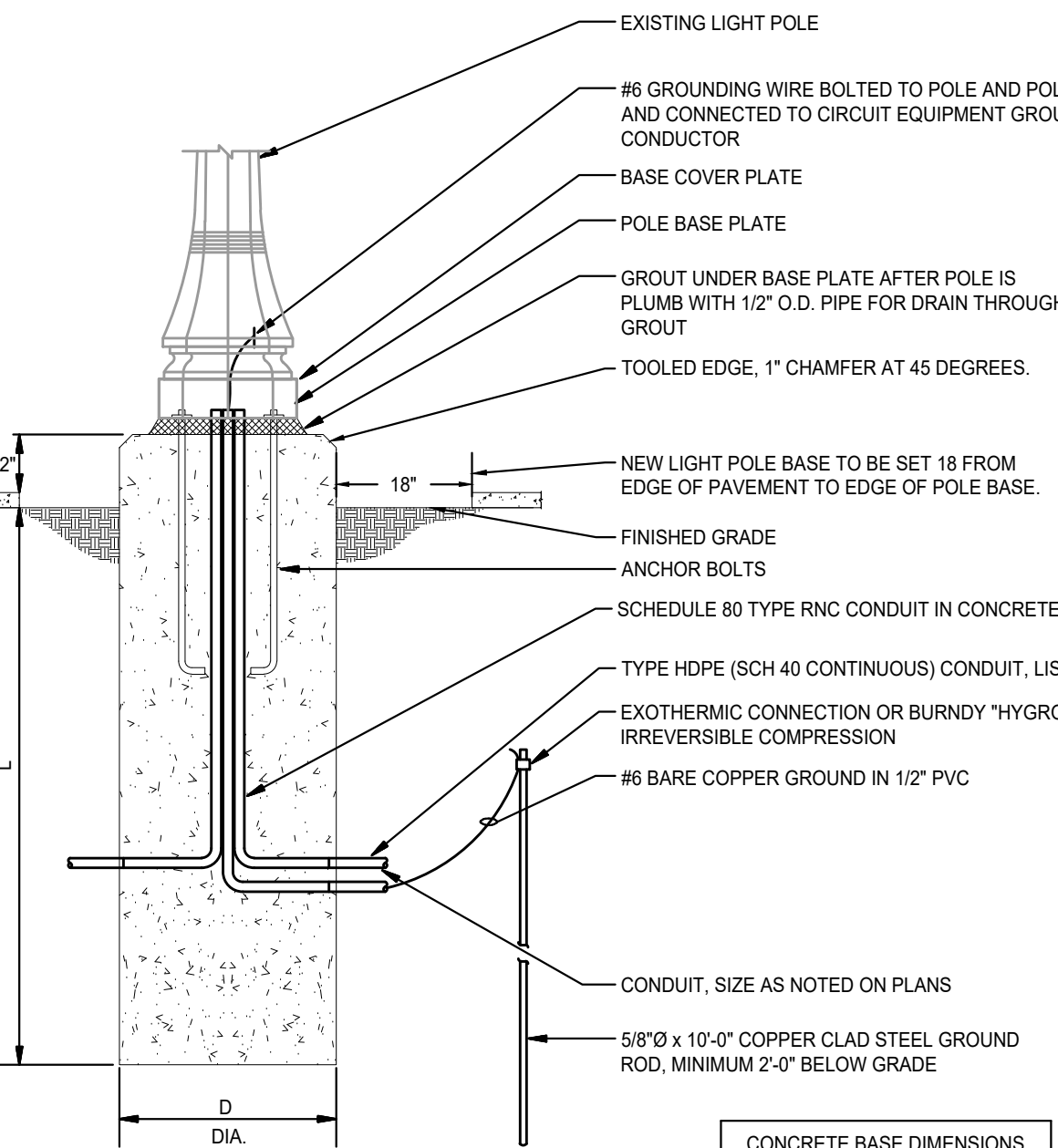
### SECTION "A-A"



### 3 36" RAISED POLE BASE DETAIL

NOT TO SCALE

POLE HT	L	D
12'-0"	4'-6"	1'-6"
15'-0"	5'-0"	2'-0"
20'-0"	5'-6"	2'-6"
30'-0"	6'-0"	3'-0"

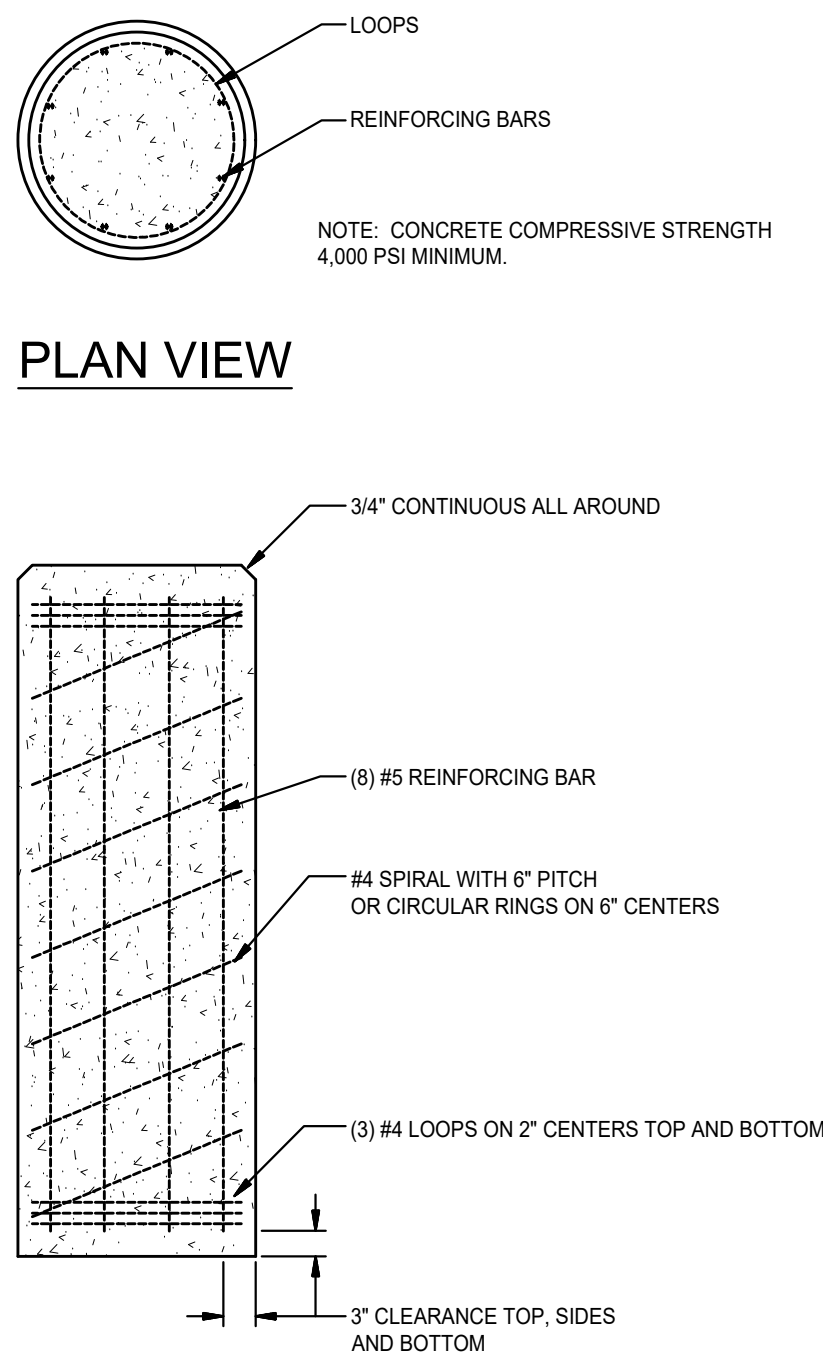


### NOTES:

- VERIFY ANCHOR BOLT LOCATIONS WITH MANUFACTURER'S TEMPLATE PRIOR TO BASE CONSTRUCTION.
- REFER TO POLE BASE CONCRETE AND REINFORCING DETAIL FOR ADDITIONAL REQUIREMENTS. SEE DETAIL #5 ON THIS SHEET.
- FORM TO BE SONOTUBE "FINISH FREE" TYPE. INSTALL PER MANUFACTURER'S INSTRUCTIONS. REMOVE EXPOSED SONOTUBE AFTER CONCRETE HAS CURED.
- CONVERT FROM HDPE CONDUIT TO RNC CONDUIT BY MEANS OF A LISTED ADAPTER INSIDE OF CONCRETE BASE.

CONCRETE BASE DIMENSIONS		
POLE HT	L	D
12'-0"	4'-0"	2'-0"

### PLAN VIEW

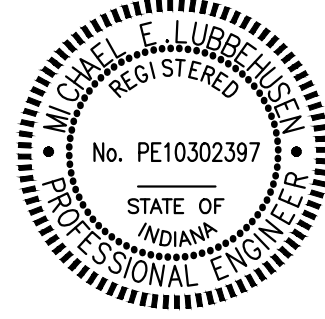


### 5 TYPICAL POLE BASE CONCRETE AND REINFORCING DETAIL

NOT TO SCALE



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PREPARED FOR: INDIANA UNIVERSITY

2801 EAST DISCOVERY PARKWAY  
BLOOMINGTON, IN 47408

#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.: NO. 20240389

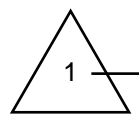
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INFORMATION

SHEET ISSUE DATE: 05/09/2025

SCALE: NO SCALE

DESIGNED: SBA CHECKED: RHA

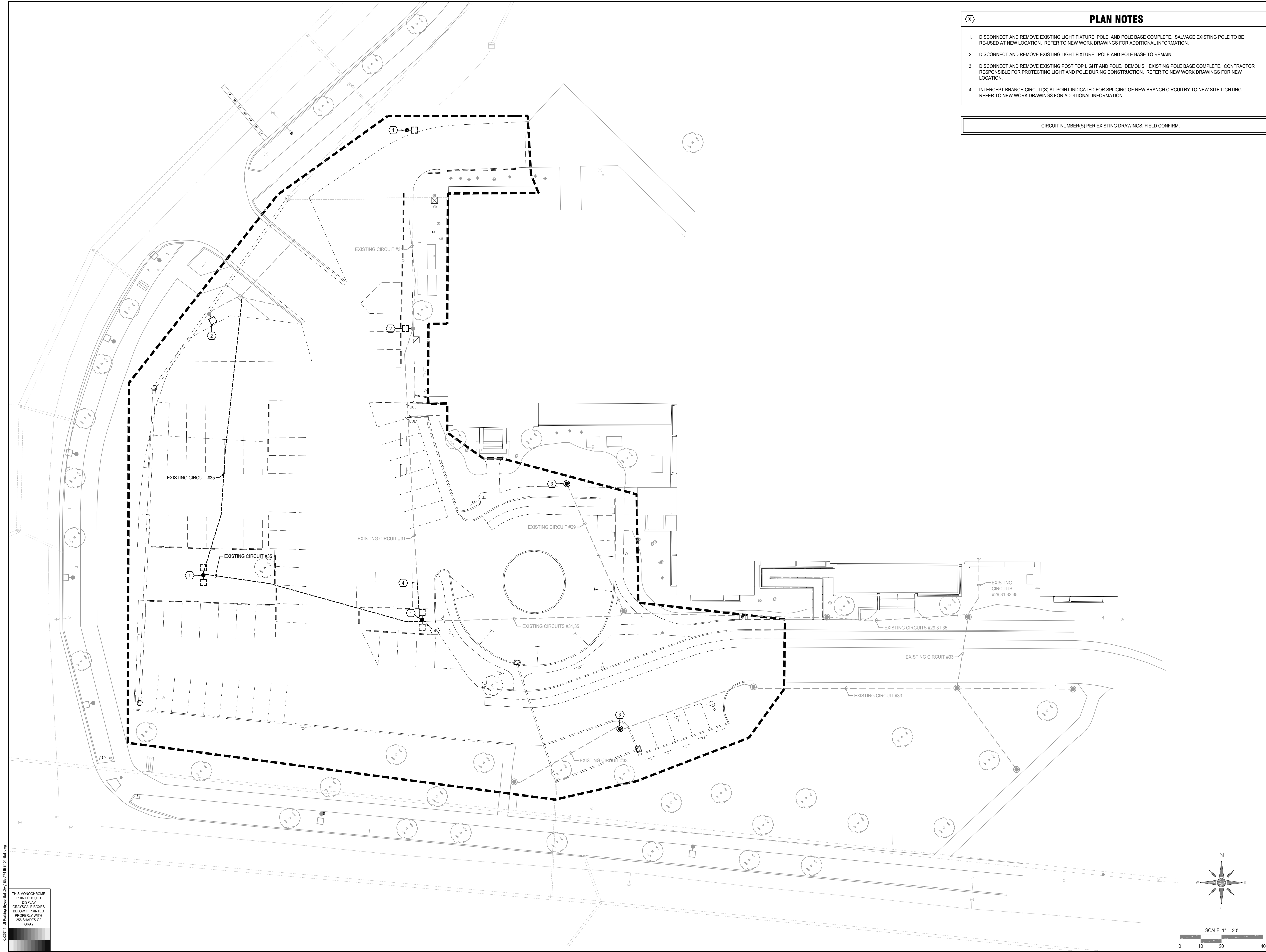
SHEET NO.:



ES-001

Primary Job #25741





X

PLAN NOTES

1. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE, POLE, AND POLE BASE COMPLETE. SALVAGE EXISTING POLE TO BE RE-USED AT NEW LOCATION. REFER TO NEW WORK DRAWINGS FOR ADDITIONAL INFORMATION.

2. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE. POLE AND POLE BASE TO REMAIN.

3. DISCONNECT AND REMOVE EXISTING POST TOP LIGHT AND POLE. DEMOLISH EXISTING POLE BASE COMPLETE. CONTRACTOR RESPONSIBLE FOR PROTECTING LIGHT AND POLE DURING CONSTRUCTION. REFER TO NEW WORK DRAWINGS FOR NEW LOCATION.

4. INTERCEPT BRANCH CIRCUIT(S) AT POINT INDICATED FOR SPLICING OF NEW BRANCH CIRCUITRY TO NEW SITE LIGHTING. REFER TO NEW WORK DRAWINGS FOR ADDITIONAL INFORMATION.

CIRCUIT NUMBER(S) PER EXISTING DRAWINGS. FIELD CONFIRM.

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REGISTERED PROFESSIONAL ENGINEER

No. PE10302397

STATE OF INDIANA

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#	Revision	Date
1	Addendum #1	5/9/2025

PROJECT NO.:

NO. 20240389

SHEET NAME:

ELECTRICAL DEMOLITION SITE PLAN

SHEET ISSUE DATE:

05/09/2025

SCALE:

1" = 20'

DESIGNED:

SBA

CHECKED:

RHA

SHEET NO.:

1

ES-101

THIS MONOCHROME PRINT SHOULD DISPLAY GRAYSCALE BOXES BELOW IF PRINTED PROPERLY WITH 256 SHADES OF GRAY

K:\2024\11\11\Parking Byway Building\Electrical\ES-101.dwg

Primary Job #25741



(x)

- ⓧ

CIRCUIT NUMBER(S) PER EXISTING DRAWINGS, FIELD CONFIRM.



DATE: 05/09/2025

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PROJECT:

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PREPARED FOR:

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#	Revision	Date
1	Addendum #1	5/9/2025

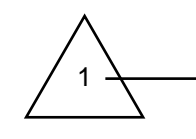
PROJECT NO.:	NO. 20240389
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SHEET NAME:  
ELECTRICAL SITE PLAN

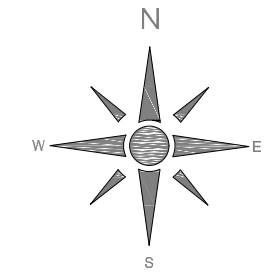
SHEET ISSUE DATE:	05/09/2025
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SCALE: 1" = 20'

DESIGNED:	SBA	CHECKED:	RHA
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ES-201



SCALE: 1" = 20'

A horizontal scale bar with alternating black and white segments. The segments are labeled 0, 10, 20, and 40, representing feet. The total length of the bar is 40 feet.