

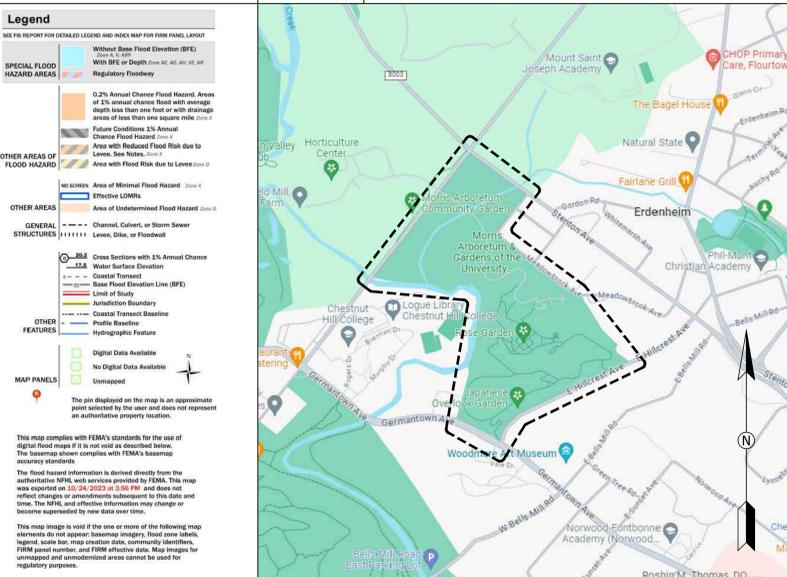
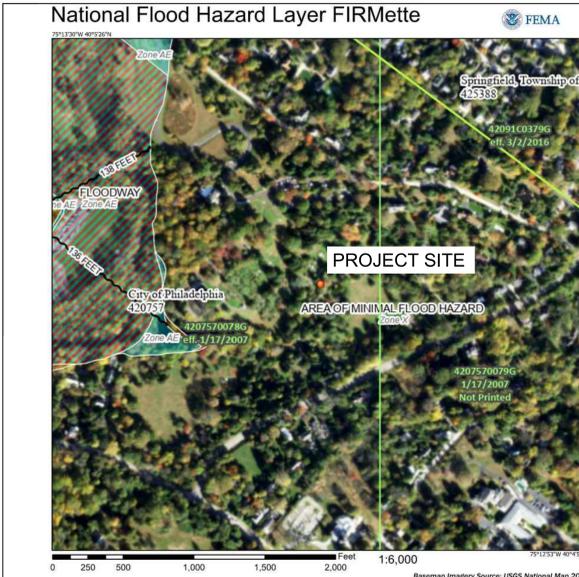


EXISTING STRUCTURE DATA			
NO.	BUILDING NAME	FOOTPRINT	STORIES
1	ENTRY KIOSK	49 gsf	1
2	PUMP HOUSE	140 gsf	1
3	WIDENER VISITOR CENTER	3,736 gsf	4
4	WIDENER WAGON HOUSE	419 gsf	3
5	WIDENER STORAGE SHEDS	401 gsf	1
6	THE FERRERY & PIT HOUSE	1,917 gsf	1
7	THE HEADHOUSE & GREENHOUSE	2,993 sf	1
8	FERRERY BATHROOMS	196 gsf	1
9	HOOP HOUSES	3,600 gsf	1
10	MEDICINAL HOUSE	1,409	1
11	LOG CABIN	228 gsf	1
12	SEVEN ARCHES	563 gsf	1
13	GARDENER'S COTTAGE	1,089 gsf	3
14	HILLCREST PAVILION	1,624 gsf	1
15	STUDIO	597 gsf	2
16	GATES HALL	4,020 gsf	4

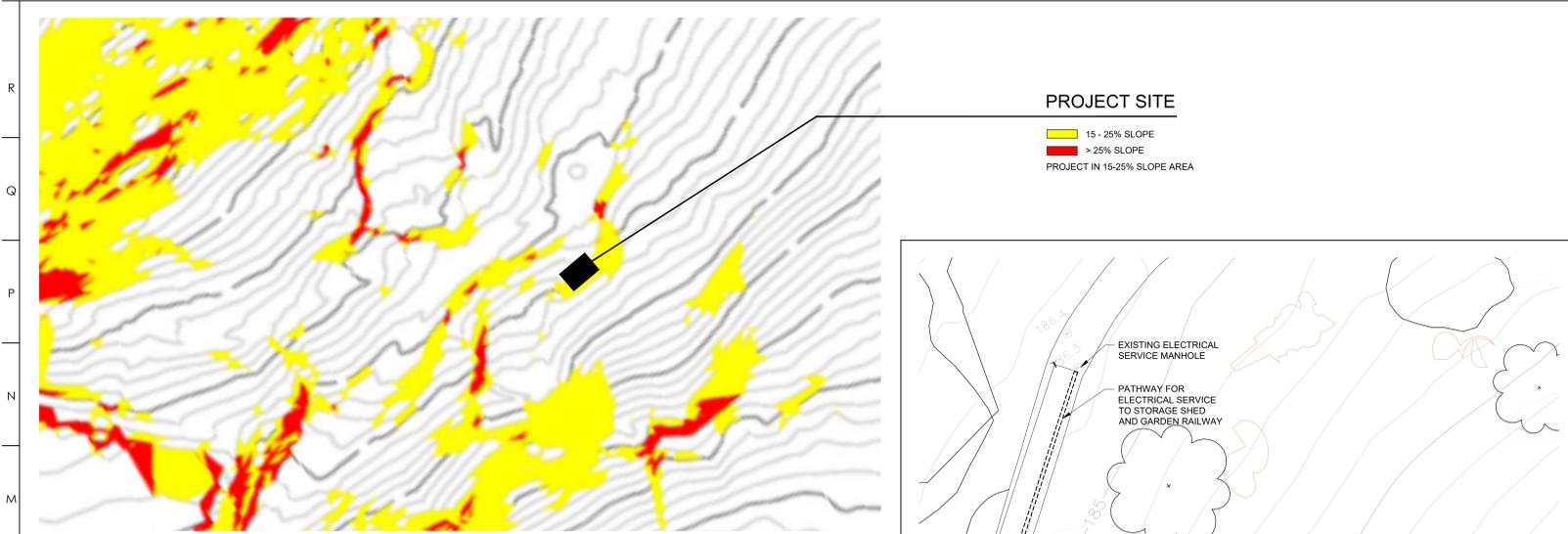
# DENOTES EXISTING ENCLOSED STRUCTURE ON SITE, OPEN GARDEN FEATURES NOT INDICATED.  
 ■ DENOTES PROPOSED STORAGE SHED, REFER TO ZONING DATA CHART FOR ADDITIONAL INFORMATION.

ZONING DATA		
OPA ACCOUNT #:	77578000	
OPA ADDRESS:	9600 STENTON AVE	
DISTRICT:	RSD-1	
EXISTING AND PROPOSED SITE USE:	RESIDENTIAL SINGLE FAMILY DETACHED-1	
AREA (SF):	3,751.825	
OVERLAYS:	WISSAHICKON WATERSHED	
RSD-1 REQUIREMENTS	REQUIRED	EXISTING
MINIMUM LOT WIDTH (FT):	75	> 75
MINIMUM LOT AREA (SF):	10,000	> 10,000
MAXIMUM OCCUPIED AREA (% OF LOT):	35	< 35
FRONT YARD MINIMUM DEPTH (FT):	35	> 35
SIDE YARD MINIMUM WIDTH (FT EA):	2/15	> 2/15
REAR YARD MINIMUM DEPTH (FT):	30	> 30
REAR YARD MINIMUM AREA:	N/A	N/A
MAXIMUM HEIGHT (FT):	38	N/A
MAXIMUM NUMBER OF STORIES:	3	N/A
OFF-STREET PARKING:	N/A	N/A
ACCESSIBLE PARKING SPACES:	N/A	N/A
PARKING LOT LANDSCAPING:	N/A	N/A
RSD-1 SHED REQUIREMENTS	REQUIRED	PROPOSED
SHED ENCLOSED AREA (SF):	>120 AND ≤130	128, ALLOWABLE - ZONING PERMIT REQ'D
PORCH AREA (SF):		242
TOTAL COVERED AREA (SF):		370
SHED ROOF MAX HEIGHT (FT):	15	13'-2 1/2" (PER §14-202 (6))
WISSAHICKON WATERSHED OVERLAY	EXISTING	PROPOSED
IMPERVIOUS COVERAGE (SF):	216,296	216,688
IMPERVIOUS COVERAGE (%):	5.77	5.78

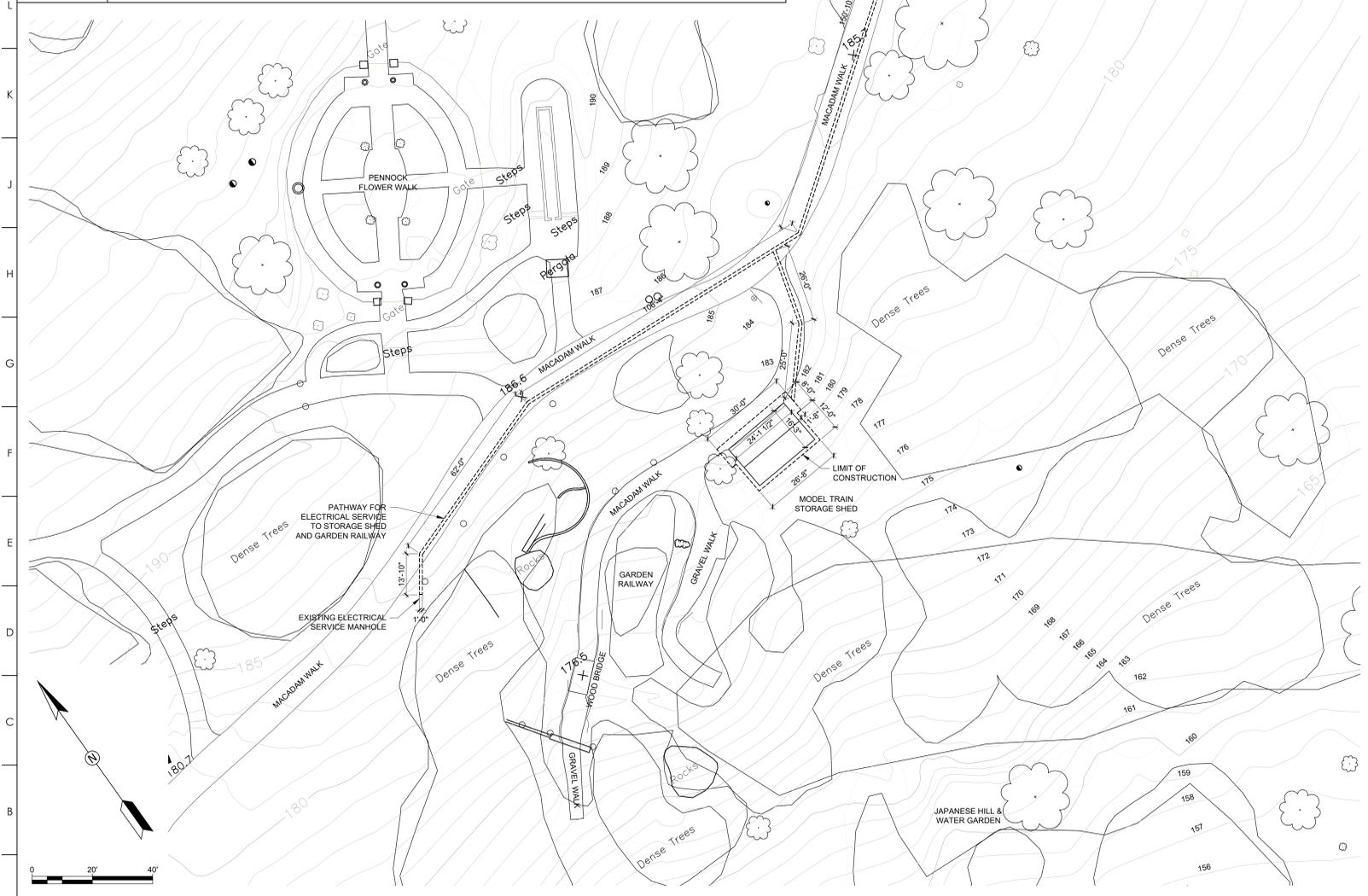
- NOTES**
- THIS PROJECT IS LOCATED IN THE WISSAHICKON WATERSHED.
  - THE PURPOSE OF THIS PROJECT IS TO BUILD A STORAGE SHED WITH COVERED PORCH ON 2 SIDES TO ALLOW FOR THE STORAGE OF MODEL TRAINS AND MATERIALS RELATED TO THE MORRIS ARBORETUM GARDEN RAILWAY. THE COVERED PORCH IS TO PROVIDE SHADE FOR VISITORS WHILE VISITING THE GARDEN RAILWAY. THE PORCH DECK IS INTENDED TO BE FLUSH WITH THE FOOTPATH WITH NO REQUIRED STEPS OR RAMP.
  - MATERIALS INCLUDE TIMBER POSTS AND BEAMS WITH WOOD RAFTERS, DECKING, SIDING AND RAILINGS, WOOD WINDOWS AND DOOR, AND ARCHITECTURAL ASPHALT ROOF SHINGLES.
  - TOTAL EARTH DISTURBANCE < 5000 SF. (BASED ON 1000 SF OF DISTURBANCE FOR SHED AND PORCH FOOTPRINT AND PATHWAY FOR ELECTRICAL SERVICE TO SHED AND GARDEN RAILWAY.)
  - PROJECT SITE LOCATED IN STEEP SLOPE AREA, SEE SHEET 2.2.
  - §14-705. LANDSCAPE AND TREE PRESERVATION PLAN - NO TREES TO BE REMOVED AS PART OF PROJECT.
  - PROJECT AREA LOCATED IN ZONE 'X' AREA OF MINIMAL FLOOD HAZARD, REFER TO A14Z-1 FOR FEMA FLOOD MAP FIRMETTE.
- WISSAHICKON WATERSHED NOTES**
- ALL STORMWATER TO BE MANAGED WITHIN THE PROPERTY.
  - DEBRIS TO BE CLEANED AT THE END OF EACH WORKDAY.
  - EROSION AND SEDIMENT CONTROL MEASURES WILL BE OBSERVED DURING CONSTRUCTION.
  - §14-510(5)(a). PROJECT LOCATED > 200 FT FROM THE BANK OF A STREAM.



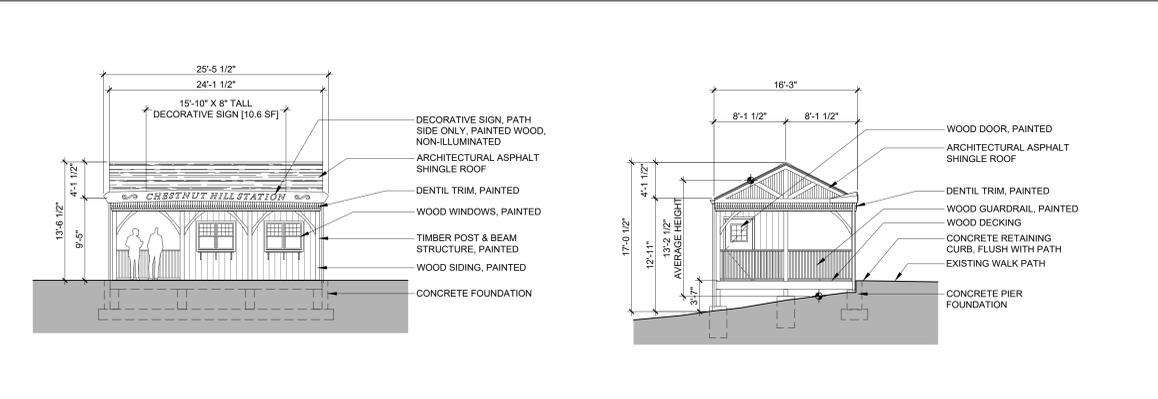
<b>A1</b> OVERALL SITE PLAN 1" = 150'-0"	SEAL:  CAITLIN DALEY, RA LICENSE: RA407121 PROJECT: <b>MODEL TRAIN STORAGE SHED</b> <b>MORRIS ARBORETUM &amp; GARDENS</b> <b>UNIVERSITY OF PENNSYLVANIA</b> <b>100 EAST NORTHWESTERN AVE</b> <b>PHILADELPHIA, PA 19118</b> CLIENT: <b>THE UNIVERSITY OF PENNSYLVANIA</b> 3101 WALNUT STREET PHILADELPHIA, PA	<b>A14</b> FEMA FLOOD MAP FIRMETTE AS NOTED PROJECT TEAM: ARCHITECT: BKP ARCHITECTS 1525 LOCUST STREET 5TH FLOOR PHILADELPHIA, PA 19102 T: 215.557.6509 STRUCTURAL ENGINEER: KEAST & HOOD 1635 MARKET STREET SUITE 1705 PHILADELPHIA, PA 19103 T: 215.625.0099	<b>A22</b> SITE LOCATION MAP NTS <table border="1"> <tr> <td>SUBMISSION</td> <td>DATE</td> <td>DATE:</td> <td>NOVEMBER 3, 2023</td> </tr> <tr> <td></td> <td></td> <td>PROJECT NO.:</td> <td>2020-08.31</td> </tr> <tr> <td></td> <td></td> <td>DRAWN BY:</td> <td>MJP</td> </tr> <tr> <td></td> <td></td> <td>CHECKED BY:</td> <td>CAD</td> </tr> <tr> <td colspan="4">DRAWING TITLE:</td> </tr> <tr> <td colspan="4"><b>ZONING PLAN SHEET 1 OF 2</b></td> </tr> <tr> <td>REVISION</td> <td>DATE</td> <td colspan="2"></td> </tr> <tr> <td>REVISION 1</td> <td>12/11/2023</td> <td colspan="2"></td> </tr> <tr> <td colspan="4">DRAWING NO.:</td> </tr> <tr> <td colspan="4"><b>Z-1</b></td> </tr> </table>	SUBMISSION	DATE	DATE:	NOVEMBER 3, 2023			PROJECT NO.:	2020-08.31			DRAWN BY:	MJP			CHECKED BY:	CAD	DRAWING TITLE:				<b>ZONING PLAN SHEET 1 OF 2</b>				REVISION	DATE			REVISION 1	12/11/2023			DRAWING NO.:				<b>Z-1</b>			
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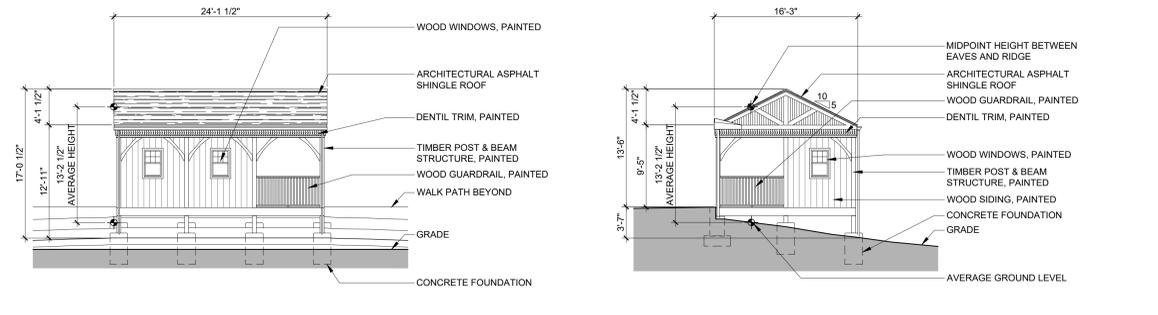
**L1 PARTIAL STEEP SLOPES PLAN**  
N.T.S.



**A1 ENLARGED SITE PLAN**  
1" = 20'-0"

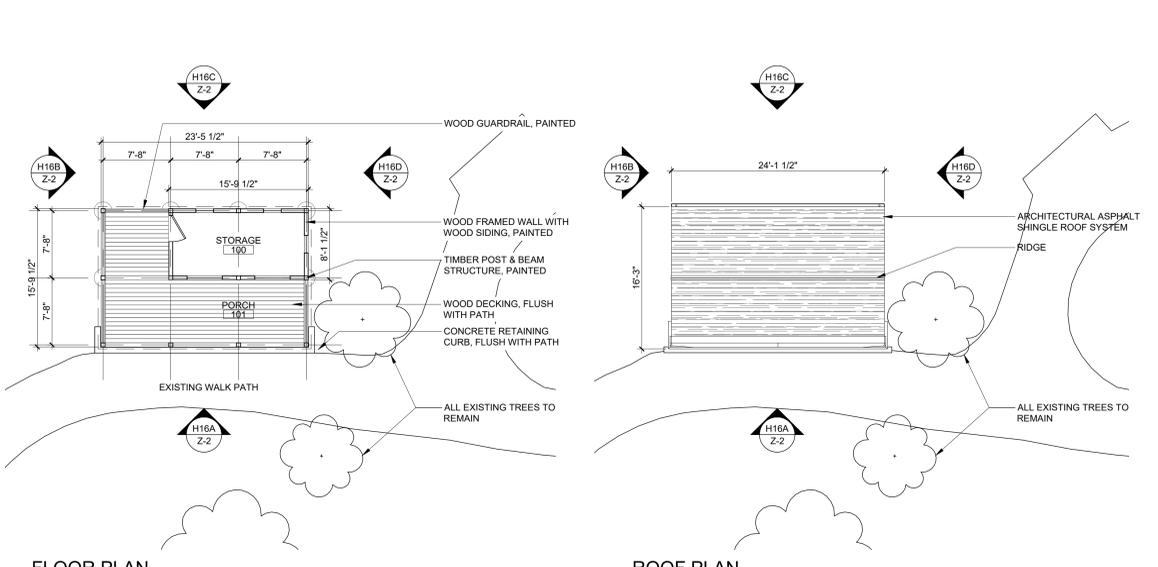


**A - NORTH ELEVATION**      **B - EAST ELEVATION**



**C - SOUTH ELEVATION**      **D - WEST ELEVATION**

**J16 SHED ELEVATIONS**  
1/8" = 1'-0"



**FLOOR PLAN**      **ROOF PLAN**

ZONING DATA (SEE PREVIOUS SHEET FOR FULL SUMMARY)		
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SHED ROOF MAX HEIGHT (FT):	15	13'-2 1/2" [PER §14-202 (6)]

**A16 SHED FLOOR AND ROOF PLAN**  
1/8" = 1'-0"

SEAL:  
  
CAITLIN DALEY, RA  
LICENSE: RA407121

PROJECT:  
**MODEL TRAIN STORAGE SHED**  
**MORRIS ARBORETUM & GARDENS**  
**UNIVERSITY OF PENNSYLVANIA**  
**100 EAST NORTHWESTERN AVE**  
**PHILADELPHIA, PA 19118**

PROJECT TEAM:  
ARCHITECT:  
BKP ARCHITECTS  
1525 LOCUST STREET  
5TH FLOOR  
PHILADELPHIA, PA 19102  
T: 215.557.6509  
STRUCTURAL ENGINEER:  
KEAST & HOOD  
1635 MARKET STREET  
SUITE 1705  
PHILADELPHIA, PA 19103  
T: 215.625.0099

CLIENT:  
**THE UNIVERSITY OF PENNSYLVANIA**  
3101 WALNUT STREET  
PHILADELPHIA, PA



SUBMISSION	DATE	DATE:
		NOVEMBER 3, 2023
		PROJECT NO: 2020-08.31
		DRAWN BY: MJP
		CHECKED BY: CAD
		DRAWING TITLE:
		<b>ZONING PLAN</b>
		<b>SHEET 2 OF 2</b>
		DRAWING NO:
		<b>Z-2</b>