



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 FERNERY & PIT HOUSE	1,917 gsf	1
7	THE HEADHOUSE & GREENHOUSE	2,993 sf	1
8	FERNERY 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

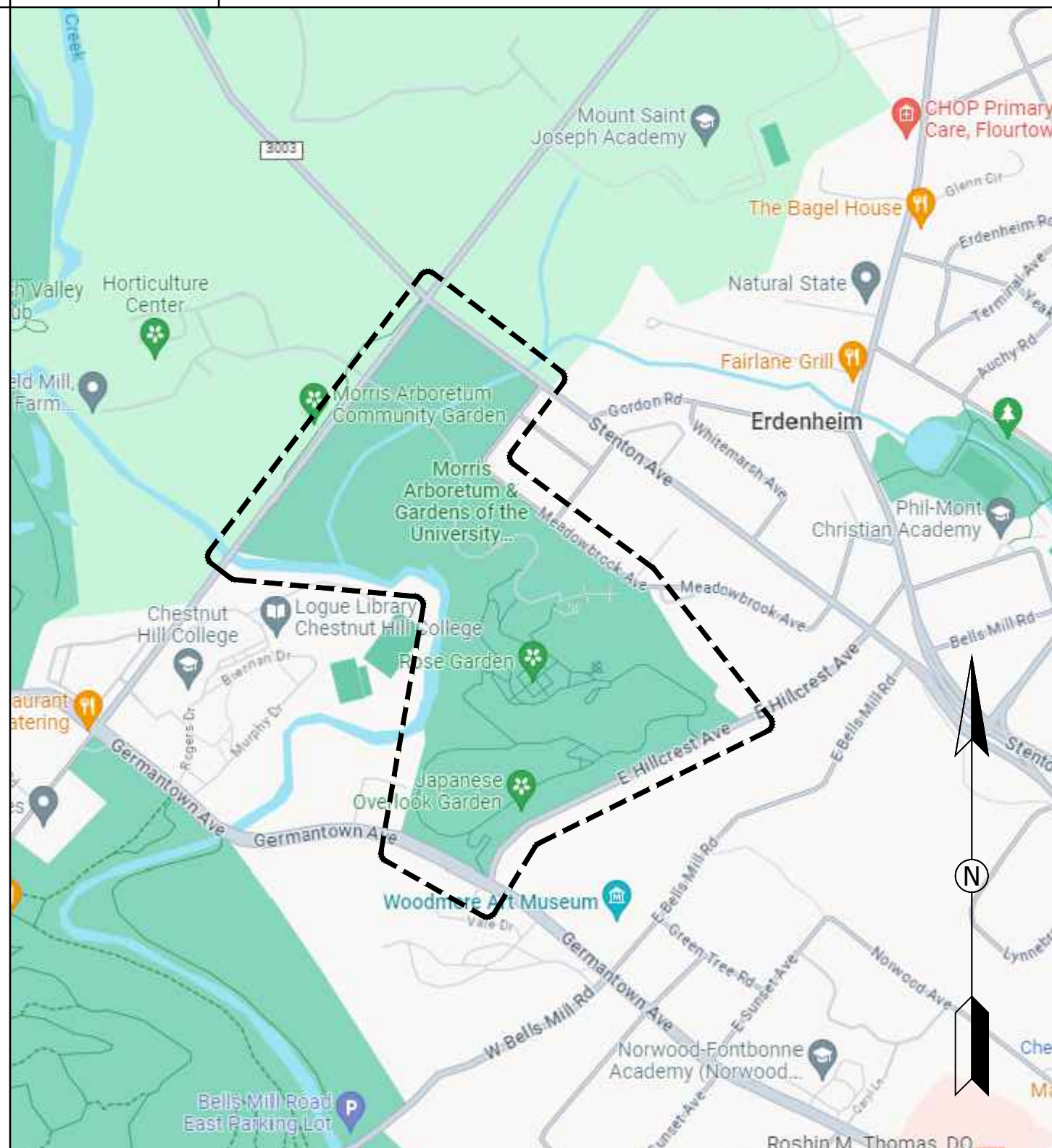
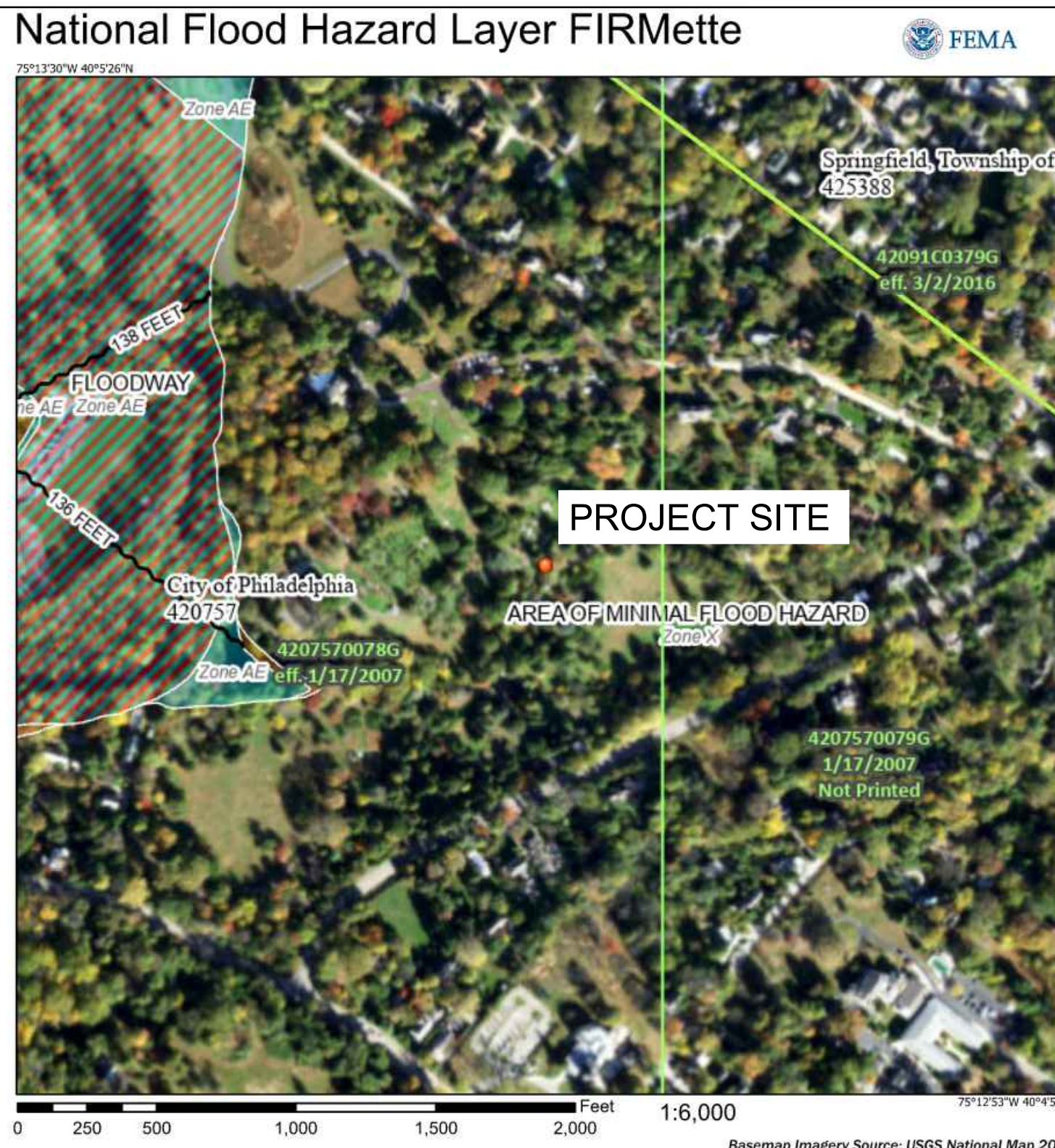
DENOTES EXISTING ENCLOSED STRUCTURE ON SITE, OPEN GARDEN FEATURES NOT INDICATED.
DENOTES PROPOSED STORAGE SHED, REFER TO ZONING DATA CHART FOR ADDITIONAL INFORMATION.

ZONING DATA			
OPA ACCOUNT #:	775778000		
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	PROPOSED
MINIMUM LOT WIDTH (FT):	75	> 75	NO CHANGE
MINIMUM LOT AREA (SF):	10,000	> 10,000	NO CHANGE
MAXIMUM OCCUPIED AREA (% OF LOT):	35	< 35	< 35
FRONT YARD MINIMUM DEPTH (FT):	35	> 35	NO CHANGE
SIDE YARD MINIMUM WIDTH (FT EA):	2/15	> 2/15	> 2/15
REAR YARD MINIMUM DEPTH (FT):	30	> 30	> 30
REAR YARD MINIMUM AREA:	N/A	N/A	N/A
MAXIMUM HEIGHT (FT):	38	N/A	N/A. SEE BELOW
MAXIMUM NUMBER OF STORIES:	3	N/A	1
OFF-STREET PARKING:	N/A	N/A	N/A
ACCESSIBLE PARKING SPACES:	N/A	N/A	N/A
PARKING LOT LANDSCAPING:	N/A	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	

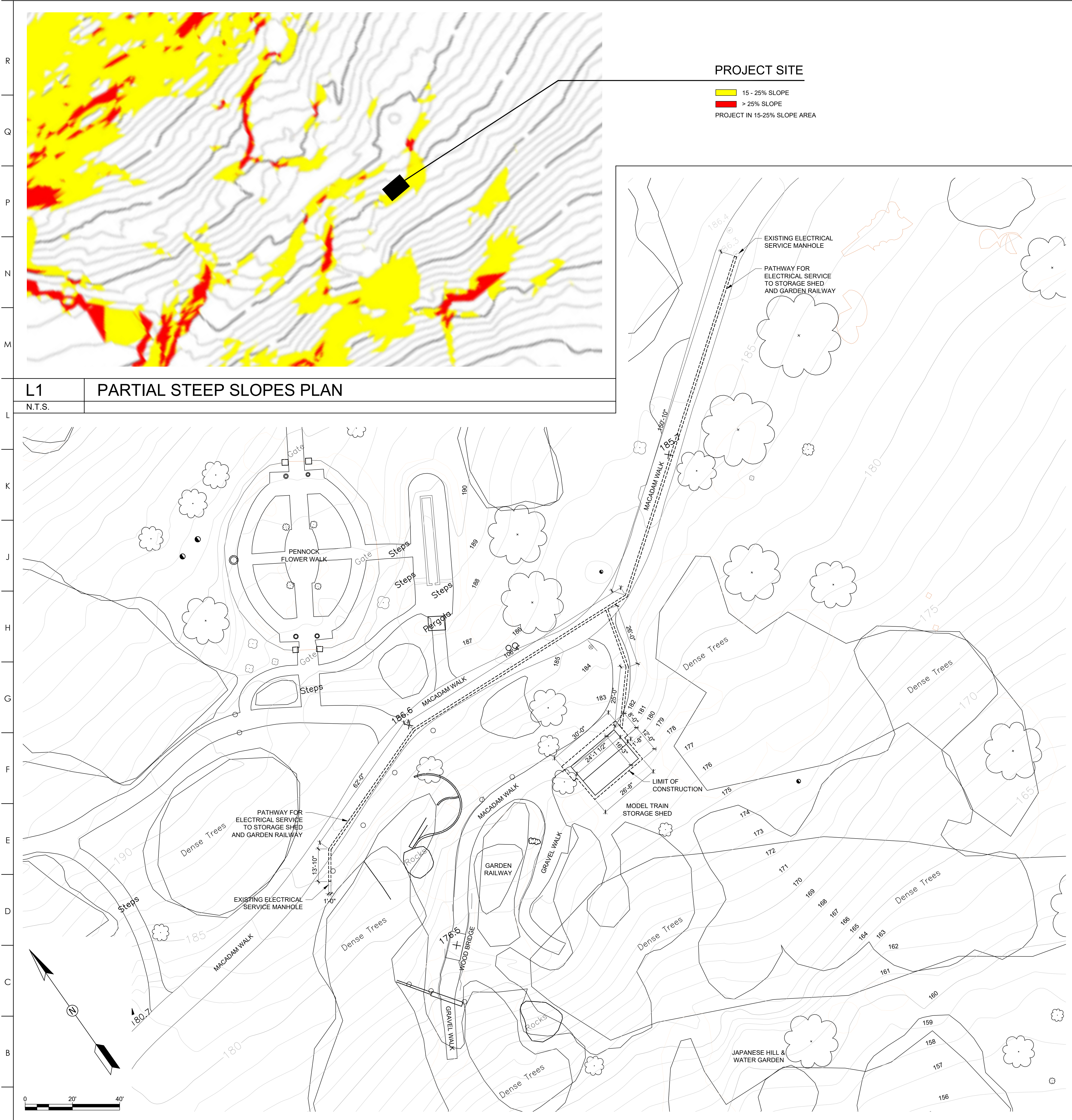
- NOTES**
- THIS PROJECT IS LOCATED IN THE WISSAHICKON WATERSHED.
 - THE PURPOSE OF THIS PROJECT IS TO BUILD A STORAGE SHED WITH COVERED PORCH ON 2 SIDES TO ALLOW FOR THE STORAGE OF MODEL TRAINS AND MATERIALS RELATED TO THE MORRIS ARBORETUM GARDEN RAILWAY. THE COVERED PORCH IS TO PROVIDE SHADE FOR VISITORS 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.

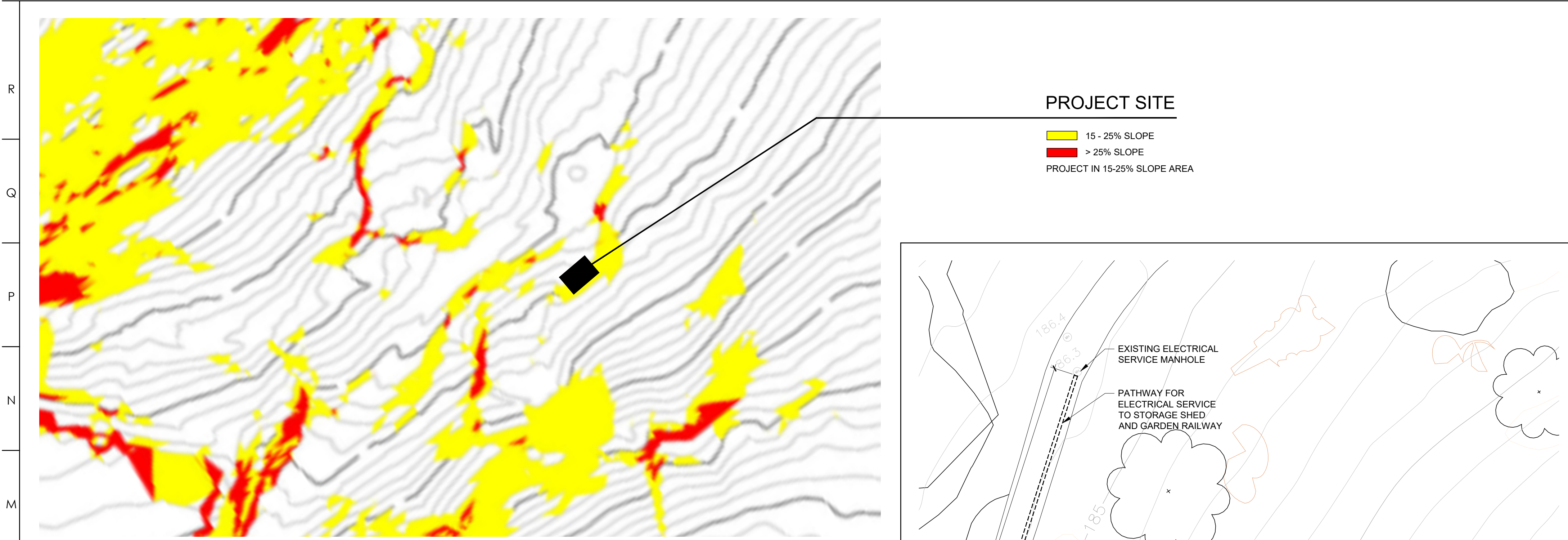
G22 ZONING DATA AND NOTES



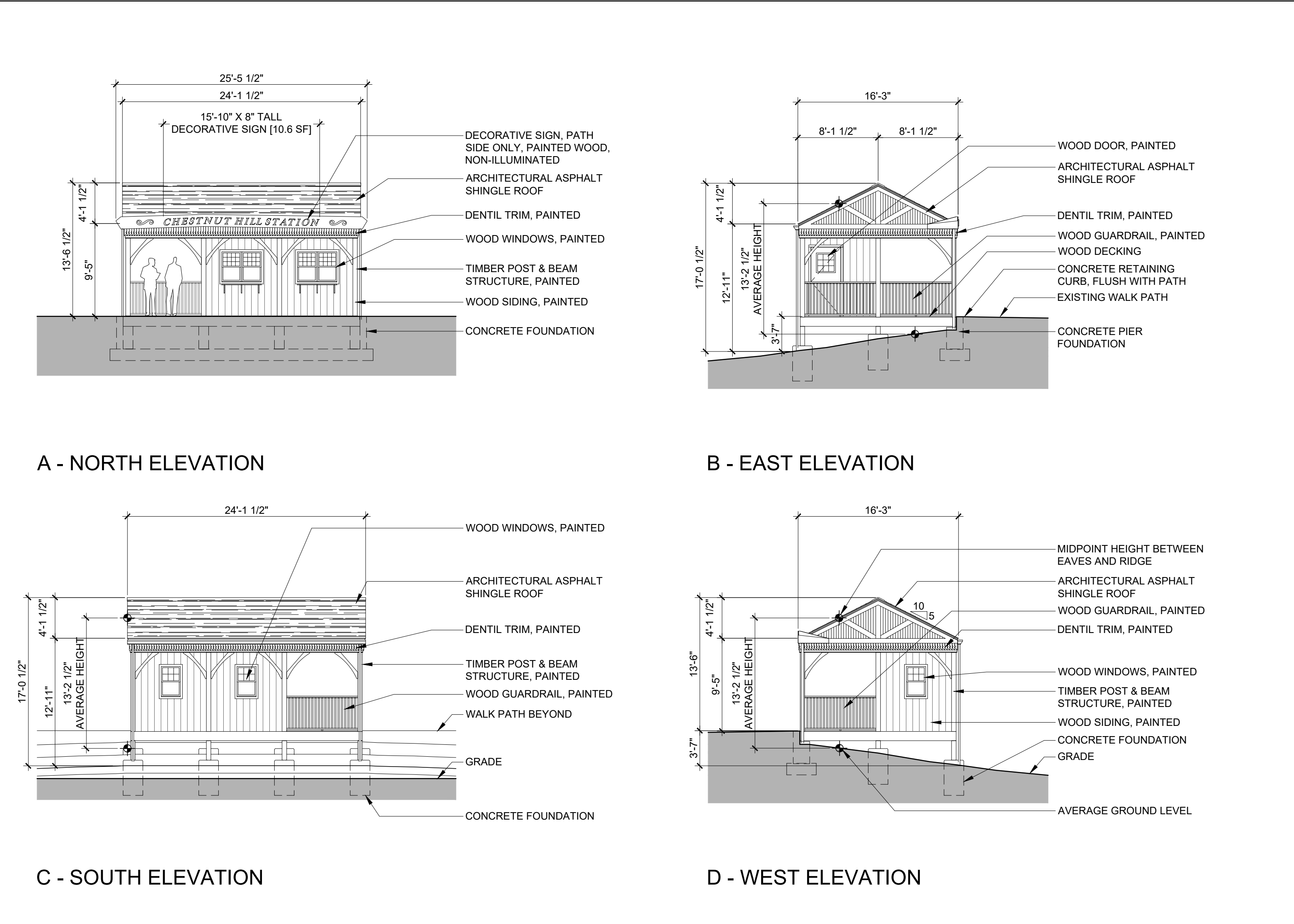
A1	OVERALL SITE PLAN	A14	FEMA FLOOD MAP FIRMETTE	A22	SITE LOCATION MAP
1" = 150'-0"				NTS	
SEAL:	PROJECT:	AS NOTED	PROJECT TEAM:	SUBMISSION	DATE
	MODEL TRAIN STORAGE SHED MORRIS ARBORETUM & GARDENS UNIVERSITY OF PENNSYLVANIA 100 EAST NORTHWESTERN AVE PHILADELPHIA, PA 19118		ARCHITECT: BKP ARCHITECTS 1525 LOCUST STREET 5TH FLOOR PHILADELPHIA, PA 19102 T: 215.557.6509	DATE: NOVEMBER 3, 2023	PROJECT NO: 2020-08.31
CAITLIN DALEY, RA LICENSE: RA407121			STRUCTURAL ENGINEER: KEAST & HOOD 1635 MARKET STREET SUITE 1705 PHILADELPHIA, PA 19103 T: 215.625.0099	DRAWN BY: MJP	CHECKED BY: CAD
THIS DRAWING IS TO ILLUSTRATE THE WORK TO BE DONE. THE ARCHITECT IS NOT RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES USED TO DO THE WORK OR THE SAFETY ASPECTS OF CONSTRUCTION, AND NOTHING ON THIS DRAWING EXPRESSLY OR IMPLIED CHANGES THE CONTRACTOR'S OBLIGATION TO BE RESPONSIBLE FOR KNOWING HOW THEY AFFECT THE WORK. SUBMITTAL OF A BID TO PERFORM THE WORK IS AN ACKNOWLEDGEMENT OF THESE RESPONSIBILITIES, AND THAT THEY HAVE BEEN FULLY CONSIDERED IN PLANNING OF THE WORK, AND THE BID PRICE NO CLAIMS FOR EXTRA CHARGES DUE TO THESE CONDITIONS WILL BE FORTHCOMING.	CLIENT:			DRAWING TITLE:	
	THE UNIVERSITY OF PENNSYLVANIA 3101 WALNUT STREET PHILADELPHIA, PA			ZONING PLAN	
				SHEET 1 OF 2	
				DRAWING NO:	
				Z-1	



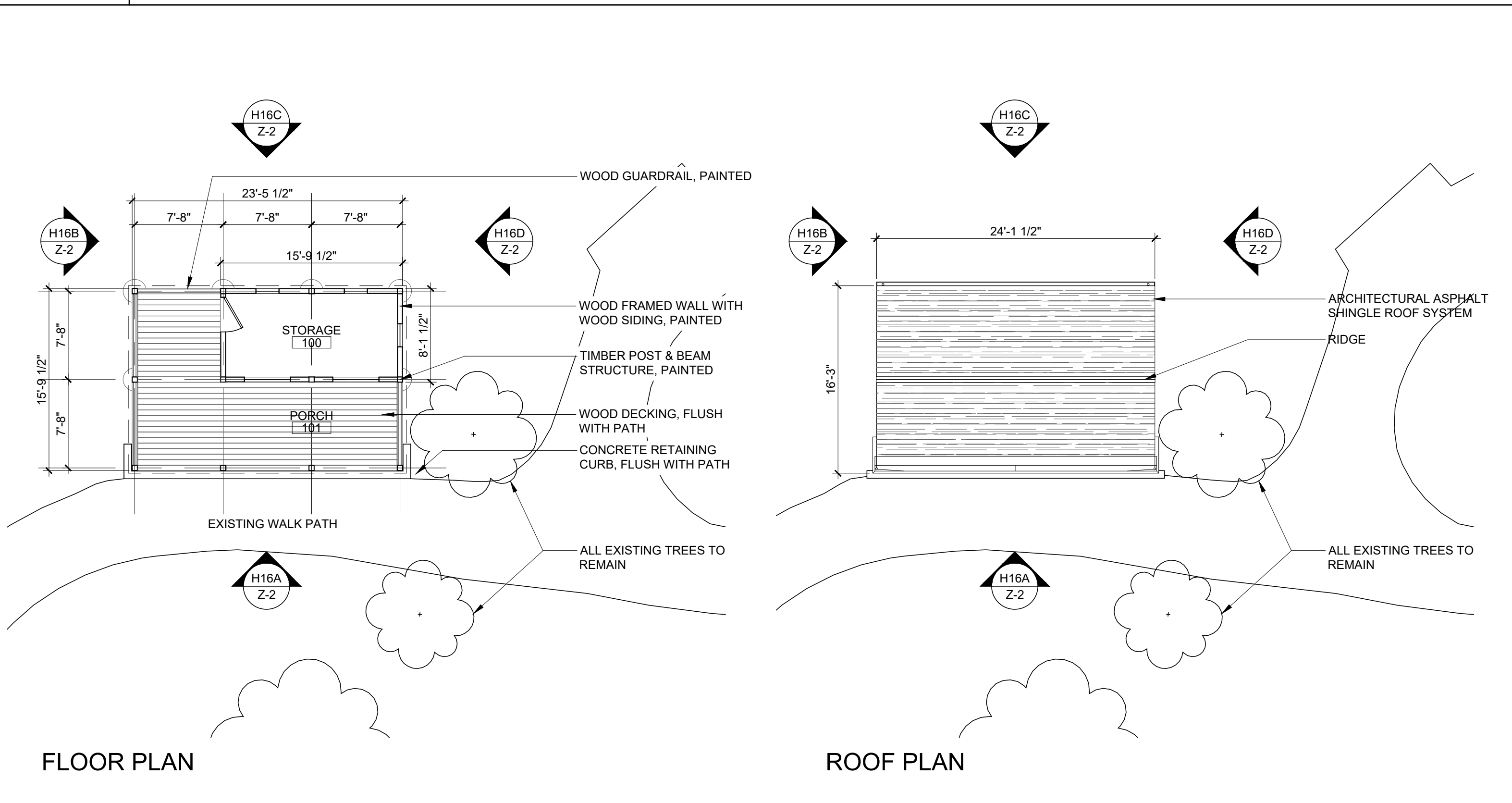
A1 ENLARGED SITE PLAN
1" = 20'-0"



L1 PARTIAL STEEP SLOPES PLAN
N.T.S.



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



ZONING DATA (SEE PREVIOUS SHEET FOR FULL SUMMARY)		
RSO-1 SHED REQUIREMENTS	REQUIRED	PROPOSED
SHED ENCLOSED AREA (SF):	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)]

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

SEAL:

PROJECT:

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

CLIENT:

THE UNIVERSITY OF PENNSYLVANIA
3101 WALNUT STREET
PHILADELPHIA, PA

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

SUBMISSION	DATE	DATE:	NOVEMBER 3, 2023
		PROJECT NO:	2020-08.31
		DRAWN BY:	MJP
		CHECKED BY:	CAD
		DRAWING TITLE:	ZONING PLAN SHEET 2 OF 2
REVISION	DATE		
REVISION 1	12/11/2023		
		DRAWING NO:	

Z-2