NOTES

1. THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THRU 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES – "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 29, 2019. IT IS A TOPOGRAPHIC SURVEY BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS TYPE A-2 AND INTENDED TO BE USED FOR THE PURPOSE OF DEPICTING EXISTING AND PROPOSED SITE IMPROVEMENTS.

2. REFERENCE IS MADE TO THE FOLLOWING MAPS:
   a. "PROPERTY SURVEY & "TREE LOT SPLIT", LAND OF SHEPPARD FAMILY HOLDINGS LLC, 758 FOUR ROD ROAD, BERLIN, CONNECTICUT", SCALE 1"=50', DATED NOVEMBER 22, 2021, REVISED THROUGH JULY 20, 2023, BY MARTIN SURVEYING ASSOCIATES, LLC.

3. TOPOGRAPHIC INFORMATION IS SHOWN PER FIELD SURVEY PERFORMED BY J.P.G.A. VERTICAL DATUM IS NAVD 1988.

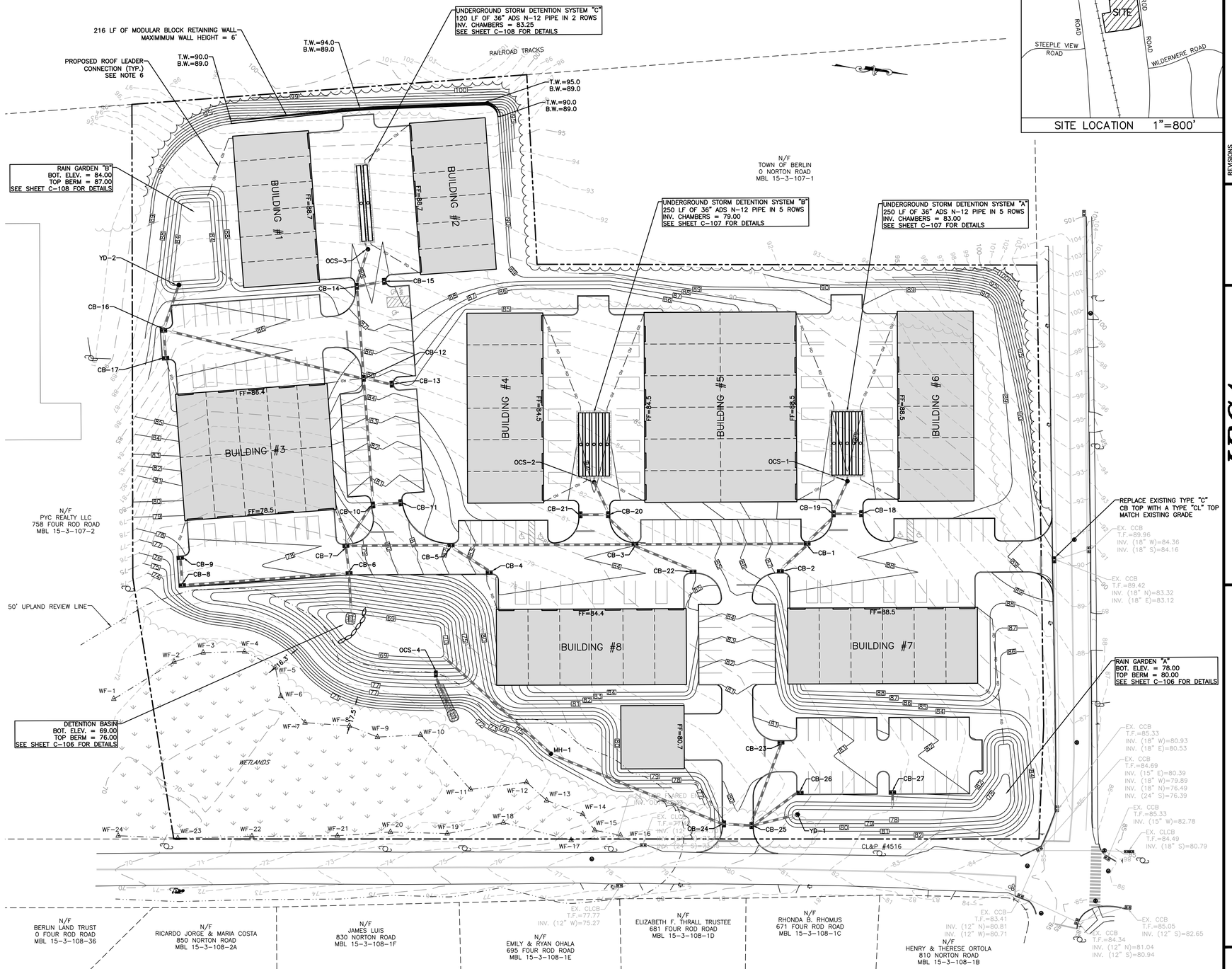
4. THE PARCEL IS IN FLOOD ZONE X (AREA OF MINIMAL FLOOD HAZARD) AS SHOWN ON FEMA MAP NUMBER 09003C0607F, EFFECTIVE DATE SEPTEMBER 26, 2008.

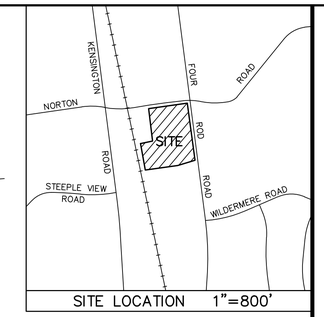
5. THE ONSITE WETLANDS WERE DELINEATED IN THE FIELD BY SOIL RESOURCE CONSULTANTS. SEE REPORT DATED 1/29/2023.

6. ALL ROOF LEADER CONNECTIONS SHALL BE 6" PVC PIPING AT A MINIMUM SLOPE OF 1.0%.

DRAINAGE STRUCTURES

STRUCTURE	TYPE	TOP OF FRAME	INVERT	OUTLET PIPE	LENGTH	SLOPE	DISCHARGE STRUCTURE	COMMENTS
CB-1	C	87.55	82.40	15" HDPE	131'	3.0%	CB-3	
CB-2	C	87.20	84.20	12" HDPE	29'	6.2%	CB-1	
CB-3	CL	83.95	78.40	18" HDPE	140'	1.9%	CB-5	
CB-4	C	83.30	79.30	12" HDPE	36'	10.0%	CB-5	
CB-5	C	82.15	75.70	18" HDPE	78'	3.0%	CB-7	
CB-6	C	78.30	71.60	18" HDPE	30'	8.7%	DET. BASIN	
CB-7	C	78.20	73.35	18" HDPE	20'	8.8%	CB-6	
CB-8	C	77.43	74.20	12" HDPE	127'	2.0%	CB-6	
CB-9	C	77.43	74.40	12" HDPE	20'	1.0%	CB-8	
CB-10	C	80.45	75.30	12" HDPE	37	5.3%	CB-7	
CB-11	C	80.50	76.30	12" HDPE	20'	5.0%	CB-10	
CB-12	C	84.75	79.80	12" HDPE	96'	4.7%	CB-10	
CB-13	CL	84.75	80.80	12" HDPE	20'	10.0%	CB-12	
CB-14	C	87.85	83.00	12" HDPE	68'	4.7%	CB-12	
CB-15	CL	87.85	84.00	12" HDPE	20'	5.0%	CB-14	
CB-16	C	85.50	82.10	12" HDPE	159'	1.4%	CB-12	
CB-17	C	85.50	82.50	12" HDPE	20'	2.0%	CB-16	
CB-18	C	87.60	84.00	12" HDPE	20'	5.0%	CB-19	
CB-19	C	87.60	83.00	12" HDPE	26'	2.1%	CB-1	
CB-20	C	83.65	79.00	12" HDPE	29'	2.1%	CB-3	
CB-21	C	83.65	80.00	12" HDPE	20'	5.0%	CB-20	
CB-22	C	84.20	81.00	12" HDPE	50'	5.2%	CB-3	
CB-23	C	80.10	77.10	12" HDPE	66'	1.1%	CB-25	
CB-24	C	79.65	76.00	12" HDPE	145'	2.7%	MH-1	
CB-25	C	79.62	76.40	12" HDPE	20'	2.0%	CB-24	
CB-26	C	79.95	76.95	6" PVC	43'	1.3%	CB-25	
CB-27	C	81.05	79.00	6" PVC	12'	4.1%	RAIN GARDEN "A"	
MH-1	MH	75.10	72.10	12" HDPE	114'	2.7%	DET. BASIN	
YD-1	–	79.50	77.00	8" PVC	35'	1.1%	CB-25	
YD-2	–	86.50	83.50	8" PVC	35'	4.0%	CB-16	
OCS-1	MH	87.95	85.05 (10" IN) 83.50 (12" OUT)	12" HDPE	26'	1.9%	CB-19	
OCS-2	MH	84.05	81.05 (10" IN) 79.50 (12" OUT)	12" HDPE	26'	1.9%	CB-20	
OCS-3	MH	88.20	85.30 (8" IN) 83.50 (12" OUT)	12" HDPE	28'	1.8%	CB-14	
OCS-4	CL	75.00	72.70 (2-10" IN) 73.70 (3-10" IN) 72.50 (18" OUT)	18" HDPE	29'	3.8%	–	





REVISIONS NO	DATE	REMARKS

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SITE GRADING & DRAINAGE PLAN

"0" FOUR ROD ROAD
MBL 15-3-107-2A
BERLIN, CONNECTICUT

DRAWING NO.

C-102

SCALE: 1" = 40'
DATE: 10/23/2024
JOB NO: 4882

JOHN PAUL GARCIA CONNECTICUT REG. NO. 14405

THESE PERMITTING DRAWINGS HAVE BEEN PREPARED FOR THE PURPOSE OF SHOWING PROPOSED SITE DEVELOPMENT AS PART OF A LAND USE APPLICATION. THESE PLANS SHOULD NOT BE CONSIDERED FINAL OR USED FOR CONSTRUCTION PURPOSES UNTIL ALL NECESSARY APPROVALS HAVE BEEN OBTAINED.

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