

**PROPOSED MIXED-USE DEVELOPMENT
PRELIMINARY SITE DEVELOPMENT AND USE PLAN (PSDUP)**
186 BEDFORD STREET
LEXINGTON, MA
OWNER/APPLICANT: 186 BEDFORD STREET, LLC

REV	DATE	DESCRIPTION
1	03/07/2019	PSDUP RESPONSE TO COMMENTS

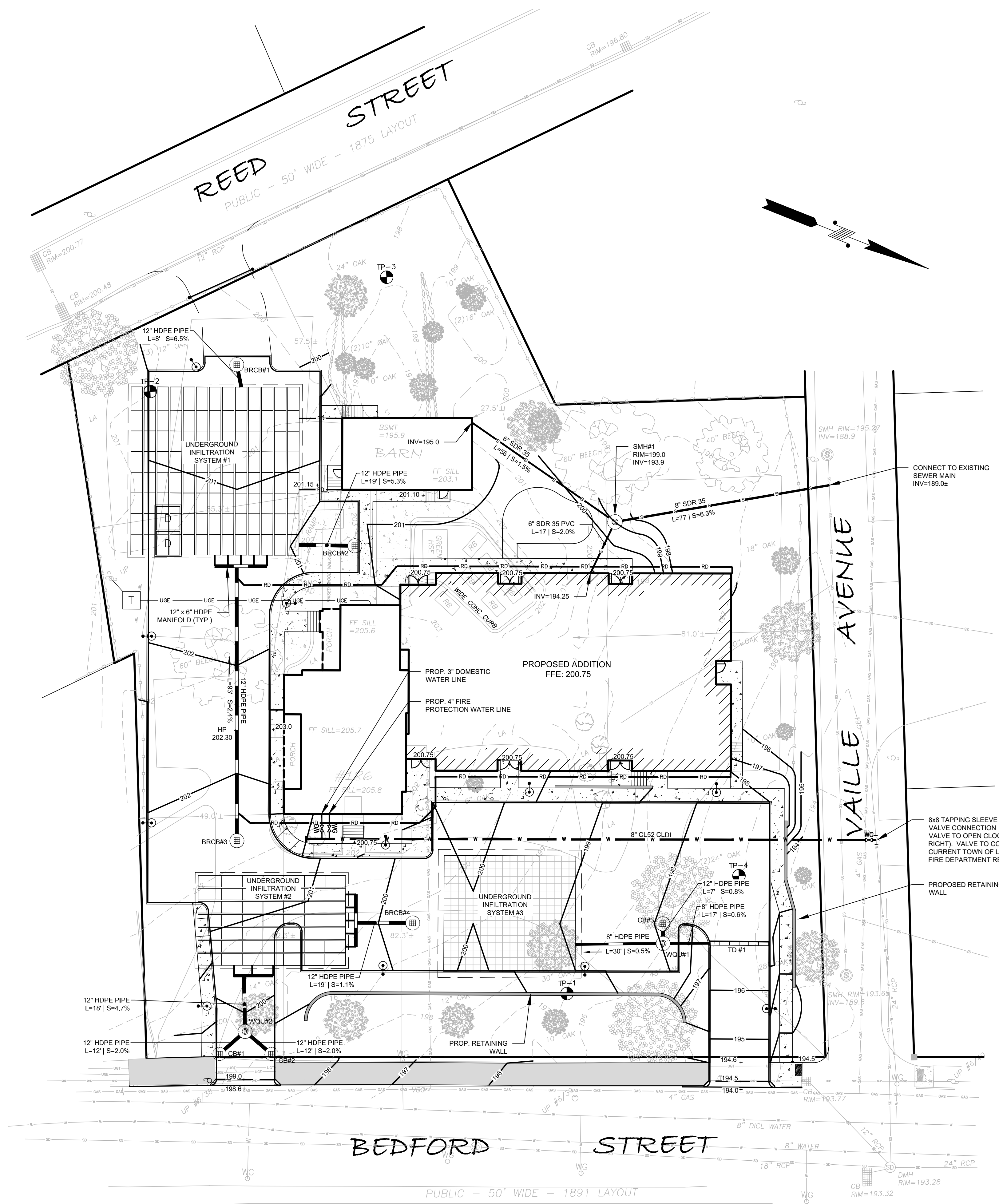
ISSUE TYPE:
PERMIT
ISSUE DATE:
12/20/2018
PROJECT NUMBER:
18002

DRAWN BY: JJP
CHECKED BY: DJH
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SHEET TITLE:

**GRADING,
DRAINAGE &
UTILITY PLAN**

SHEET NUMBER:
D3



DRAIN SCHEDULE		
STRUCTURE	ELEV.	DESCRIPTION
BRCB#1	RIM = 200.97 INV OUT = 196.00	BARRACUDA WATER QUALITY UNIT (S4)
BRCB#2	RIM = 200.75 INV OUT = 196.50	BARRACUDA WATER QUALITY UNIT (S4)
BRCB#3	RIM = 201.70 INV OUT = 197.70	BARRACUDA WATER QUALITY UNIT (S4)
BRCB#4	RIM = 199.70 INV OUT = 195.70	BARACUDA WATER QUALITY UNIT (S4)
CB#1	RIM = 199.10 INV OUT = 196.60	DEEP SUMP CATCH BASIN
CB#2	RIM = 199.10 INV OUT = 196.60	DEEP SUMP CATCH BASIN
CB#3	RIM = 197.90 INV OUT = 195.40	DEEP SUMP CATCH BASIN
TD #1	RIM = 196.71 INV OUT = 195.50	TRENCH DRAIN (ACO KS300)
WQU#1	RIM = 199.23 INV IN = 195.35 (CB#3) INV IN = 195.40 (TD #1) INV OUT = 195.30	WATER QUALITY UNIT

UNDERGROUND STORMWATER INFILTRATION BASIN #1 104 STONE-EMBEDDED CULTEC R-280 CHAMBERS TOP OF STONE = 198.2 TOP OF CHAMBERS = 197.7 BOTTOM OF CHAMBERS = 195.5 BOTTOM OF STONE = 195.0 INV IN = 195.5
UNDERGROUND STORMWATER INFILTRATION BASIN #2 49 STONE-EMBEDDED CULTEC R-280 CHAMBERS TOP OF STONE = 198.2 TOP OF CHAMBERS = 197.7 BOTTOM OF CHAMBERS = 195.5 BOTTOM OF STONE = 195.0 INV IN = 195.5
UNDERGROUND STORMWATER INFILTRATION BASIN #3 570 STONE-EMBEDDED R-TANK 0.5 CHAMBERS TOP OF STONE = 197.0 TOP OF CHAMBERS = 196.0 BOTTOM OF CHAMBERS = 195.25 BOTTOM OF STONE = 195.0 INV IN = 195.25

SYMBOL LEGEND	
	PROPOSED FIRE HYDRANT
	PROPOSED WATER GATE
	PROPOSED WATER LINE
	PROPOSED SEWER MANHOLE
	PROPOSED SEWER LINE
	PROPOSED RETAINING WALL
	PROPOSED STORM DRAIN
	PROPOSED ROOF DRAIN
	PROPOSED CONTOUR
	PROPOSED SPOT ELEVATION
	PROPOSED CATCH BASIN
	PROPOSED DRAIN MANHOLE
	PROPOSED TRANSFORMER PAD
	PROPOSED UNDERGROUND ELECTRIC

