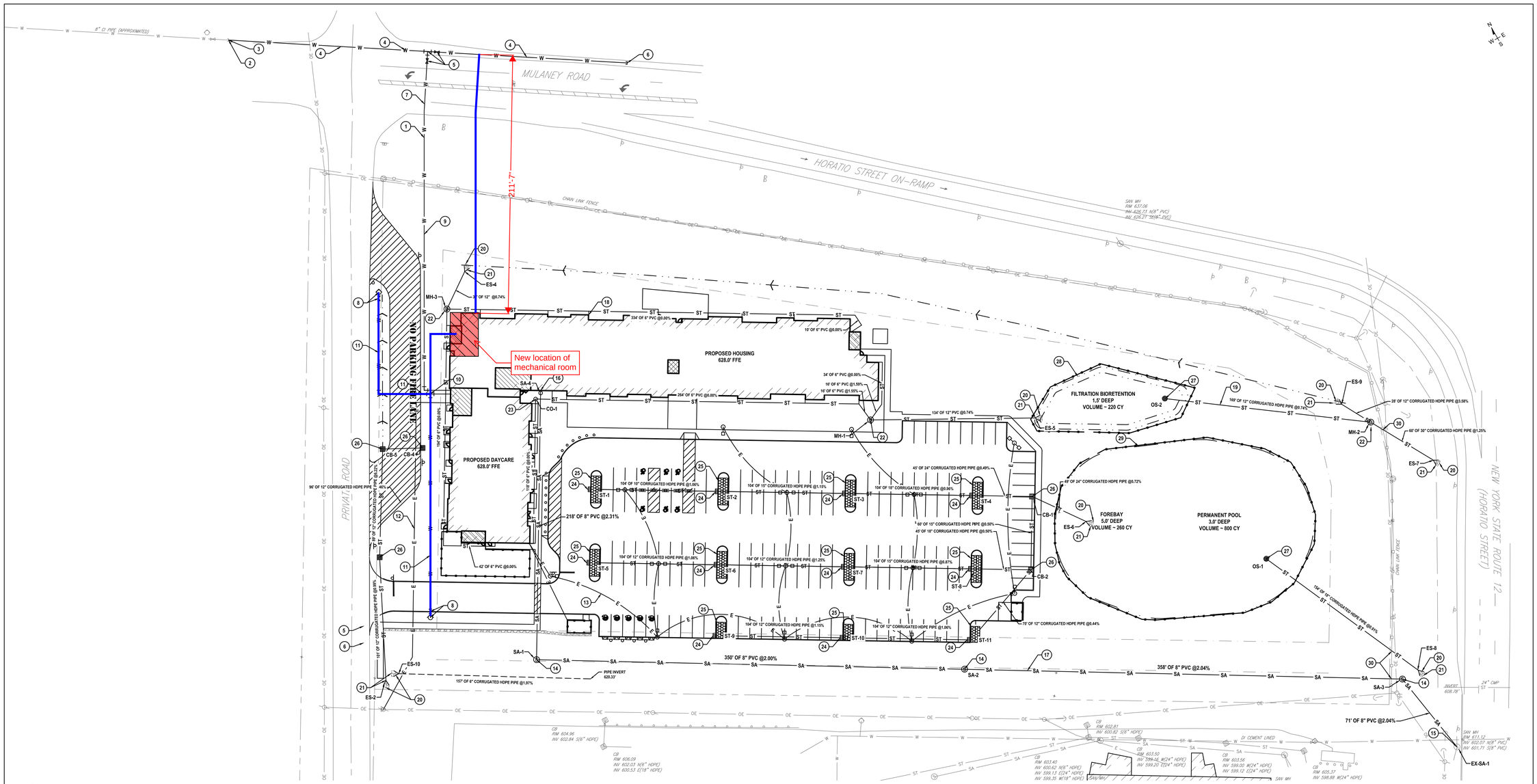
DATE PLOTTED:



1 SITE UTILITY PLAN

SCALE: 1" = 40'

GENERAL NOTES

1. ALL DOWNSPOUTS TO BE CONNECTED TO PERIMETER DRAIN SYSTEM WITH OPEN GRATE FILTER AT EACH LOCATION.

SITE UTILITY NOTES

1. UTILIZE VERTICAL AND HORIZONTAL BENDS AS REQUIRED TO MAINTAIN ADEQUATE COVER. UTILIZE THRUST BLOCKING AT ALL BENDS. SEE DETAILS.
2. COORDINATE WITH MOHAWK VALLEY WATER AUTHORITY (MVWA) FOR CONNECTION TO EXISTING WATER MAIN, SEE DETAILS. UTILIZE THRUST BLOCKS AS NEEDED.
3. REMOVE EXISTING END CAP AND THRUST BLOCKING. CONNECT TO EXISTING MAIN WITH 8" COUPLING AND PIPE RESTRAINT AS NECESSARY.
4. PROVIDE 8" DIA. CLASS 52 DUCTILE IRON WATER PIPE.
5. PROVIDE 8" TEE AND VALVES. SEE DETAILS.
6. PROVIDE WATER MAIN CAP AND THRUST BLOCK.
7. RESTORE PAVEMENT AND GRADE FROM WATER MAIN CONNECTION. CONTRACTOR IS RESPONSIBLE FOR RE-STRIPING AS NECESSARY.
8. PROVIDE HYDRANT AND 6" VALVE. SEE DETAILS.
9. PROVIDE 8" DIA. CLASS 52 DUCTILE IRON WATER PIPE, COMBINED DOMESTIC AND FIRE SERVICE.
10. PROVIDE 6" TEE. SEE DETAILS.
11. PROVIDE 6" DIA. CLASS 52 DUCTILE IRON WATER PIPE.
12. PROVIDE 4" DIA. SCHEDULE 80 PVC CONDUIT AND TRENCHING FOR ELECTRICAL SERVICE. SEE DETAILS AND ELECTRICAL SITE PLANS. COORDINATE INSTALLATION WITH UTILITY COMPANY.
13. PROVIDE 2" DIA. SCHEDULE 80 PVC CONDUIT AND TRENCHING FOR ELECTRICAL CONNECTIONS (TYP. UNLESS OTHERWISE NOTED). SEE SITE ELECTRICAL PLANS AND DETAILS.
14. PROVIDE 4" DIA. SANITARY SEWER MANHOLE (TYP.). SEE DETAILS.
15. PROVIDE WATERTIGHT CONNECTION TO EXISTING SANITARY MANHOLE. MODIFY EXISTING MANHOLE BENCH AS REQUIRED TO ACCOMMODATE NEW CONNECTION. SEE DETAILS.
16. PROVIDE SANITARY CLEANOUT, SEE DETAILS.
17. PROVIDE 8" DIA. SDR35 PVC SANITARY PIPE AT THE SLOPES INDICATED ON THE PLANS (TYP.).
18. PROVIDE DOWNSPOUT CONNECTIONS SLOPED AT 1% MINIMUM (TYP.)
19. PROVIDE HDPE STORM PIPE AT SIZES AND THE SLOPES INDICATED ON THE PLANS (TYP.).
20. PROVIDE CULVERT END SECTIONS, SIZE CORRESPONDING WITH ITS PIPE. SEE DETAILS.
21. PROVIDE OUTLET PROTECTION, SEE SITE GRADING & EROSION CONTROL PLAN FOR RIPRAP SIZES.
22. PROVIDE 4' DIA. STORM MANHOLE. SEE DETAILS.
23. PROVIDE STORM CLEANOUT, SEE DETAILS.
24. PROVIDE CURB INLET PER FILTERRA UNITS, SEE DETAILS.
25. PROVIDE CONTECH FTBSVIB - I, BIORETENTION PLANTER - REFER TO PROPOSED STORM TABLE FOR SIZES. SEE DETAILS.
26. PROVIDE CATCH BASIN. SEE DETAILS.
27. PROVIDE OUTLET CONTROL STRUCTURE, SEE DETAILS.
28. PROVIDE FILTRATION BIORETENTION BASIN, SEE DETAILS AND LANDSCAPE PLANS.
29. PROVIDE FOREBAY AND POND BASIN, SEE DETAILS.
30. REMOVE AND REPLACE FENCE IN-KIND AS NEEDED.

PROP SANITARY TABLE

STRUCTURE NAME	DETAILS
EX-SA-1	RIM = 611.12 INV IN = 602.00 (SA-3)
SA-1	RIM = 624.29 INV IN = 617.95 (SA-4) INV OUT = 617.90 (SA-2)
SA-2	RIM = 621.48 INV IN = 610.90 (SA-1) INV OUT = 610.80 (SA-3)
SA-3	RIM = 618.51 INV IN = 603.50 (SA-2) INV OUT = 603.45 (EX-SA-1)
SA-4	RIM = 628.00 INV OUT = 623.00 (SA-1)

PROPOSED STORM TABLE

STRUCTURE NAME	DETAILS	DESCRIPTION
CB-1	RIM = 622.78 INV IN = 619.13 (ST-4) INV IN = 618.55 (CB-2) INV OUT = 618.50 (ES-8)	24" X 24" CATCH BASIN
CB-2	RIM = 622.54 INV IN = 618.85 (ST-11) INV IN = 619.13 (ST-8) INV OUT = 618.85 (CB-1)	24" X 24" CATCH BASIN
CB-3	RIM = 624.60 INV IN = 619.00 (CB-6) INV IN = 619.00 (CB-4) INV OUT = 618.50 (ES-2)	24" X 24" CATCH BASIN
CB-4	RIM = 630.51 INV OUT = 625.20 (CB-3)	24" X 24" CATCH BASIN
CB-5	RIM = 627.10 INV OUT = 624.50 (CB-3)	24" X 24" CATCH BASIN
CO-1	RIM = 628.00 INV IN = 625.50 () INV OUT = 625.50 ()	4" DIA. CLEANOUT
ES-2	RIM = 618.69 INV IN = 617.30 (CB-3)	CONCRETE FLARED END SECTION
ES-4	RIM = 626.10 INV IN = 625.00 (MH-3)	CONCRETE FLARED END SECTION
ES-5	RIM = 624.11 INV IN = 622.50 (MH-1)	CONCRETE FLARED END SECTION
ES-6	RIM = 619.35 INV IN = 618.20 (CB-1)	CONCRETE FLARED END SECTION
ES-7	RIM = 618.19 INV IN = 617.00 (MH-2)	CONCRETE FLARED END SECTION
ES-8	RIM = 616.72 INV IN = 615.00 ()	CONCRETE FLARED END SECTION
ES-9	RIM = 622.19 INV OUT = 622.00 (MH-2)	CONCRETE FLARED END SECTION
ES-10	RIM = 617.97 INV IN = 617.25 ()	CONCRETE FLARED END SECTION
MH-1	RIM = 626.42 INV IN = 623.25 () INV IN = 623.25 () INV OUT = 623.50 (ES-5)	MANHOLE
MH-2	RIM = 623.99 INV IN = 617.75 () INV IN = 621.00 (ES-9) INV OUT = 617.75 (ES-7)	MANHOLE

PROPOSED STORM TABLE

STRUCTURE NAME	DETAILS	DESCRIPTION
MH-3	RIM = 627.90 INV IN = 625.50 () INV IN = 625.50 () INV OUT = 625.25 (ES-4)	MANHOLE
ST-1	RIM = 623.59 INV OUT = 622.85 (ST-2)	8' X 22' FILTERRA
ST-2	RIM = 622.72 INV IN = 621.55 (ST-1) INV OUT = 621.35 (ST-3)	8' X 22' FILTERRA
ST-3	RIM = 621.52 INV IN = 620.35 (ST-2) INV OUT = 620.25 (ST-4)	8' X 22' FILTERRA
ST-4	RIM = 620.52 INV IN = 619.35 (ST-3) INV OUT = 619.35 (CB-1)	8' X 22' FILTERRA
ST-5	RIM = 623.59 INV OUT = 622.85 (ST-6)	8' X 22' FILTERRA
ST-6	RIM = 622.72 INV IN = 621.55 (ST-5) INV OUT = 621.55 (ST-7)	8' X 22' FILTERRA
ST-7	RIM = 621.42 INV IN = 620.25 (ST-6) INV OUT = 620.25 (ST-8)	8' X 22' FILTERRA
ST-8	RIM = 620.52 INV IN = 619.35 (ST-7) INV OUT = 619.35 (CB-2)	8' X 22' FILTERRA
ST-9	RIM = 625.19 INV OUT = 621.45 (ST-10)	7' X 13' FILTERRA
ST-10	RIM = 624.04 INV IN = 620.25 (ST-9) INV OUT = 620.25 (ST-11)	7' X 13' FILTERRA
ST-11	RIM = 622.94 INV IN = 619.15 (ST-10) INV OUT = 619.15 (CB-2)	7' X 13' FILTERRA

40 0 20 40 80

SCALE: 1" = 40'

FILE PATH:

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SWBR NYS Certificate of Authorization #: 235221

Drawn By:

Checked By:

Project Manager:

Revisions

1	05/28/25	TOWN ENGINEER COMMENTS
2	06/20/25	TOWN & FIRE COMMENTS
3	07/24/25	TOWN ENGINEER COMMENTS
4	07/29/25	MVWA COMMENTS

SWBR Project Number