PROPOSED SITE MODIFICATIONS

Amherst Development Park 6000 - 6040 N.Bailey Ave, Amherst, NY BDC Property # 1723 SITE DEVELOPMENT DRAWINGS

INDEX OF DRAWINGS

<u>DWG.</u> #	DRAWING NAME	REVISION	DATE
C1.0	COVER SHEET	1	11.16.2023
C2.0	EXISTING SURVEY		
C3.00	DEMOLITION & EROSION CONTROL PLAN WEST	1	11.16.2023
C3.01	DEMOLITION & EROSION CONTROL PLAN EAST		
C3.10	DEMOLITION & EROSION CONTROL PLAN DETAILS		
C4.0	OVERALL SITE PLAN		
C4.10	DETAILED SITE PLAN WEST	1	11.16.2023
C4.11	DETAILED SITE PLAN EAST		
C4.20	CONSTRUCTION DETAILS		
C5.00	GRADING PLAN WEST	1	11.16.2023
C5.01	GRADING PLAN EAST		
C5.10	DRAINAGE PLAN WEST	1	11.16.2023
C5.11	DRAINAGE PLAN EAST		
C5.20	DRAINAGE DETAILS		
C6.00	UTILITY PLAN WEST	1	11.16.2023
C6.01	UTILITY PLAN EAST		
C6.10	UTILITY DETAILS		
C7.0	LANDSCAPING PLAN		

OWNER/DEVELOPER:

NAME: BENDERSON DEVELOPMENT COMPANY, LLC ADDRESS: 570 DELAWARE AVENUE, BUFFALO, NY 14202

CONTACT: DAVID ZUPPELLI PHONE: 716 - 878 - 9683

LIGHTING PLAN



BENDERSON DEVELOPMENT COMPANY, LLC

Buffalo, New York 14202

SURVEYOR

NAME: KHEOPS ARCHITECTURE, ENGINEERING & SURVEY, DCP

ADDRESS: 300 PEARL STREET, BUFFALO, NY 14202

CONTACT: 716-849-8739 PHONE:

UTILITIES:

NATURAL GAS NAME/TITLE: WILLIAM SCHNEIDER NATURAL FUEL GAS COMPANY/DEPT: ADDRESS: 716 - 696 - 6460

TELEPHONE COMPANY

JOHN HECKMAN COMPANY/DEPT: **VERIZON** ADDRESS:

PHONE: 716 - 840 - 8603

ELECTRIC

NATIONAL GRID

1 - 800 - 962 - 7962 OR (811)

AGENCIES:

ENGINEERING DEPARTMENT

NAME/TITLE: JEFF BURROUGHS

TOWN OF AMHERST, NY - ENGINEERING DPT COMPANY/DEPT: ADDRESS: 1100 NORTH FOREST RD, WILLIAMSVILLE, NY

716 - 631 - 7154 EX 7418

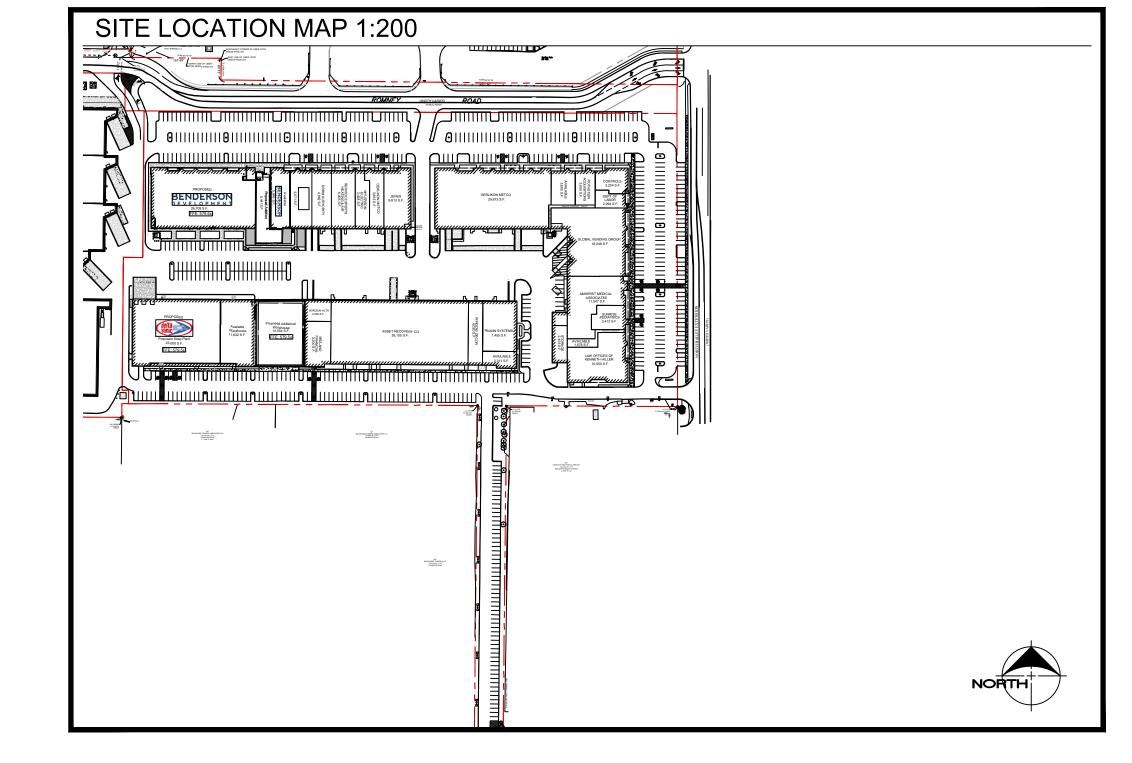
BUILDING & PLUMBING DEPARTMENT

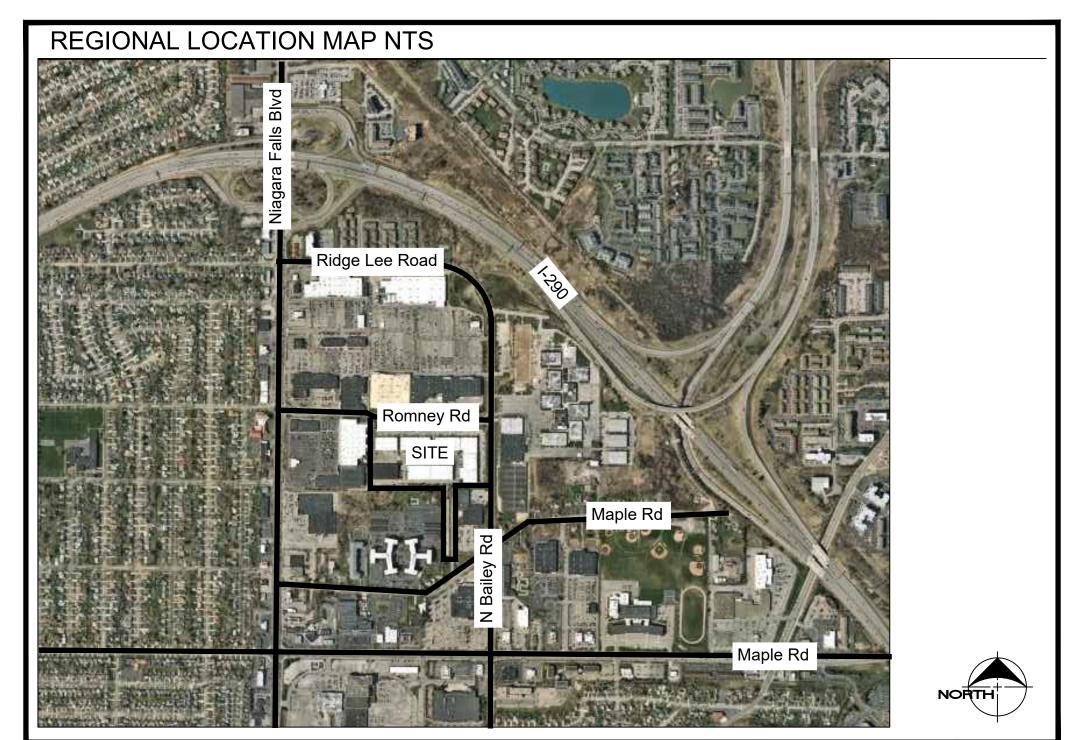
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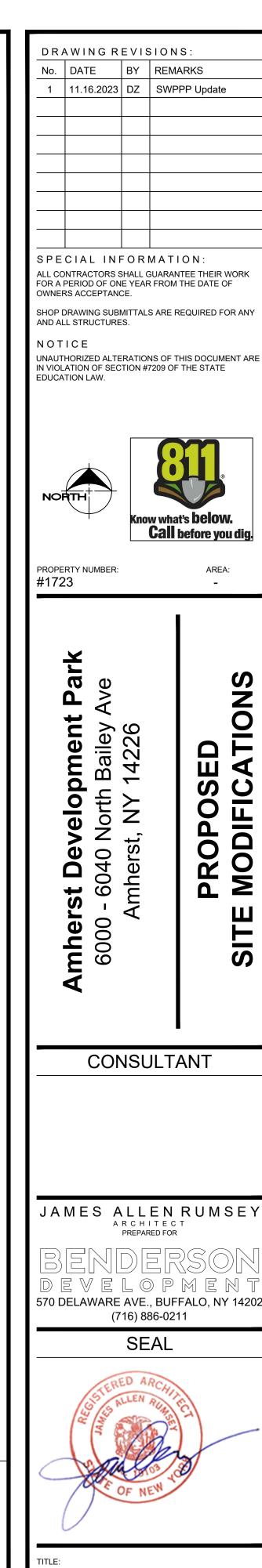
COMPANY/DEPT: TOWN OF AMHERST, NY - BUILDING DPT 5583 MAIN STREET, WILLIAMSVILLE, NY 14221 ADDRESS:

PHONE:





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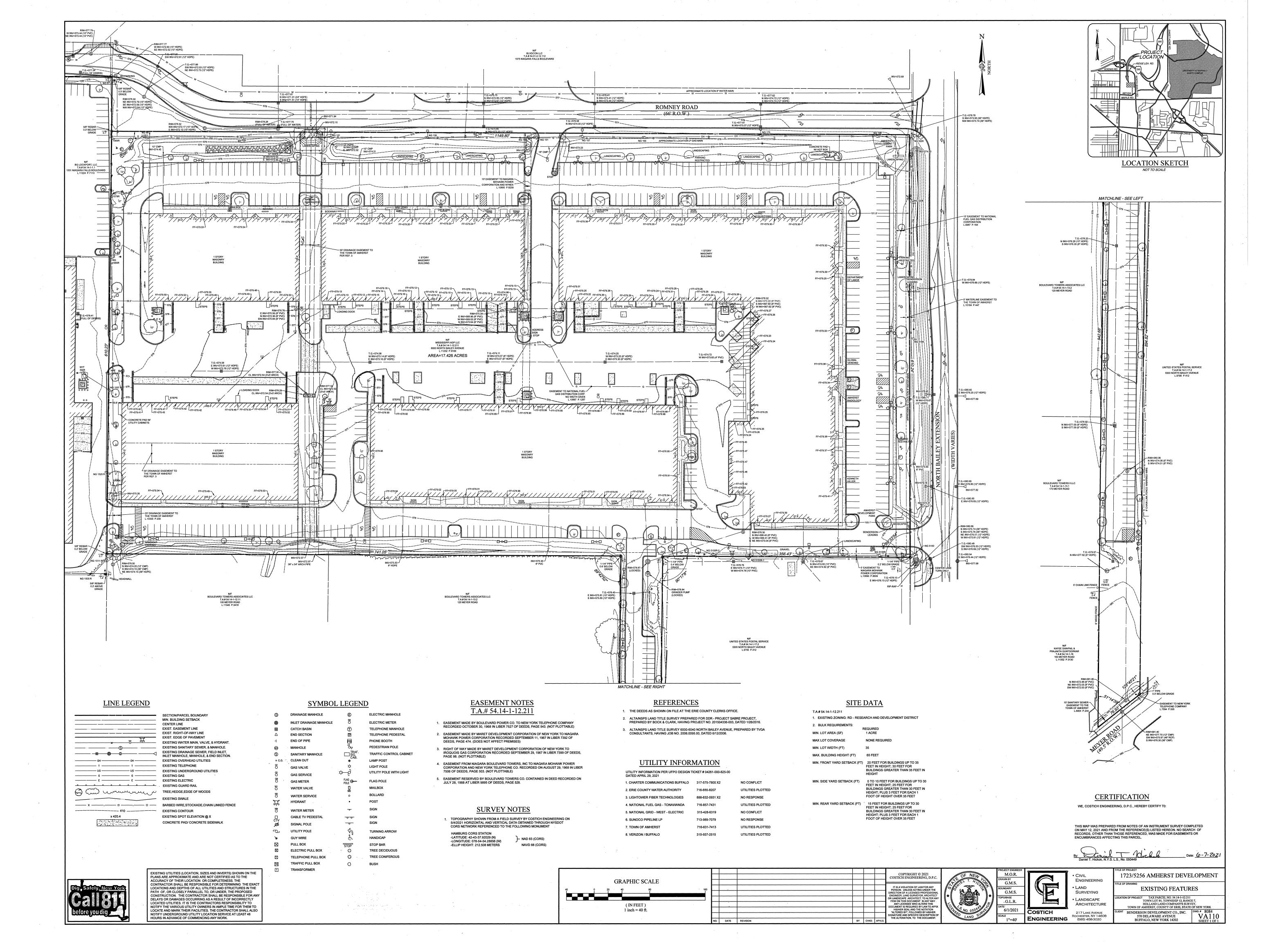


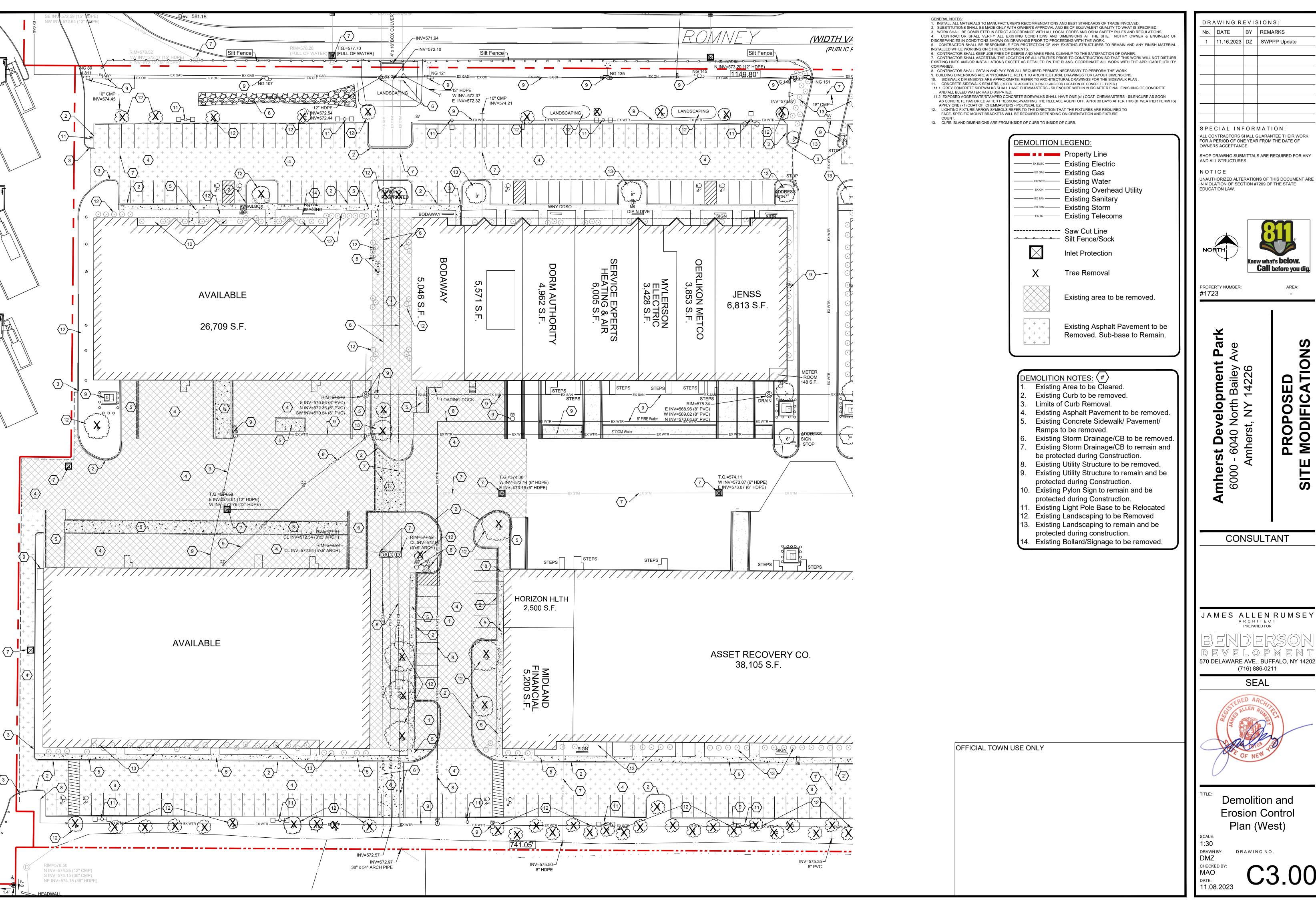
COVER

SHEET

DRAWING NO.

11.08.2023





BY REMARKS 11.16.2023 DZ | SWPPP Update

SPECIAL INFORMATION:

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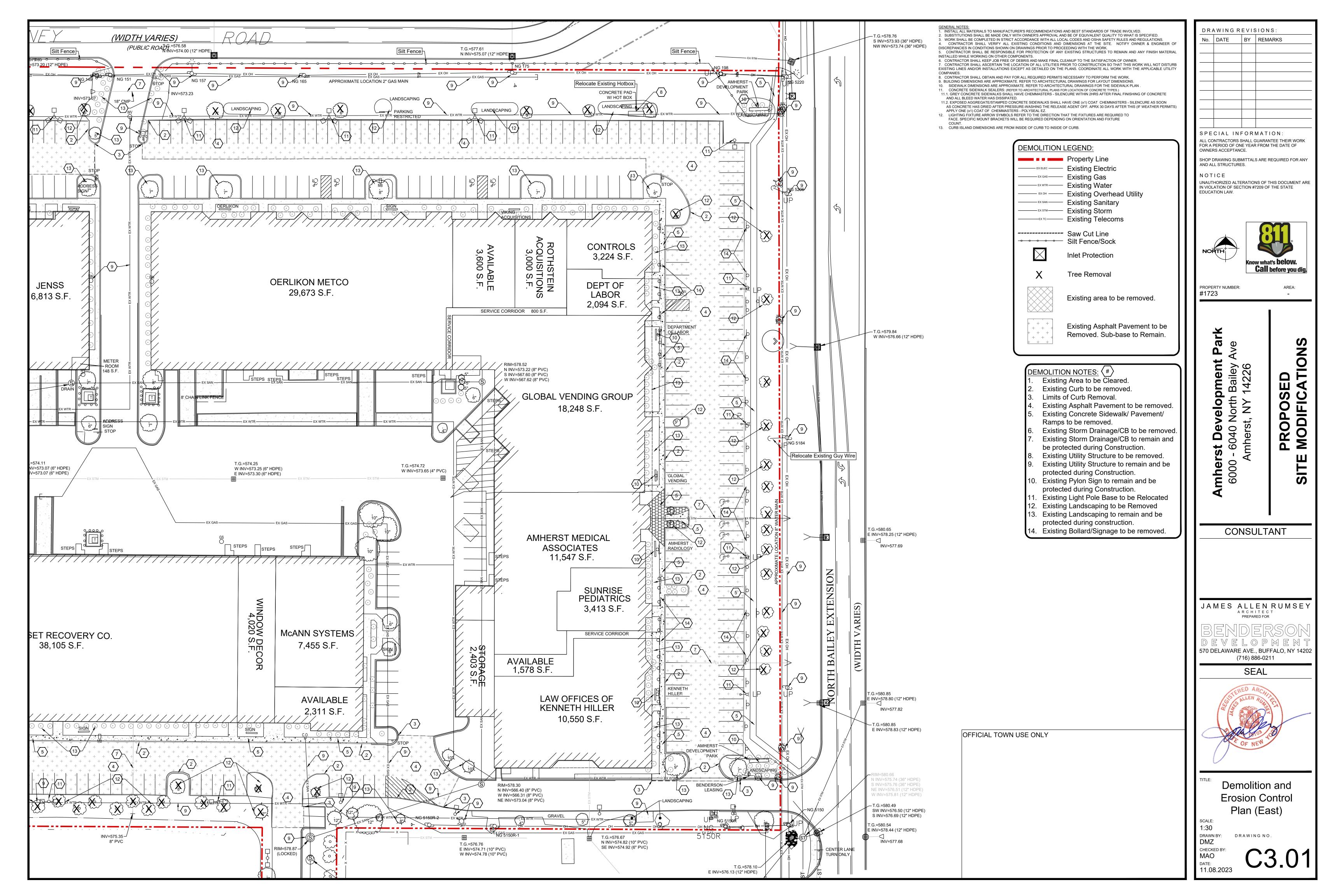


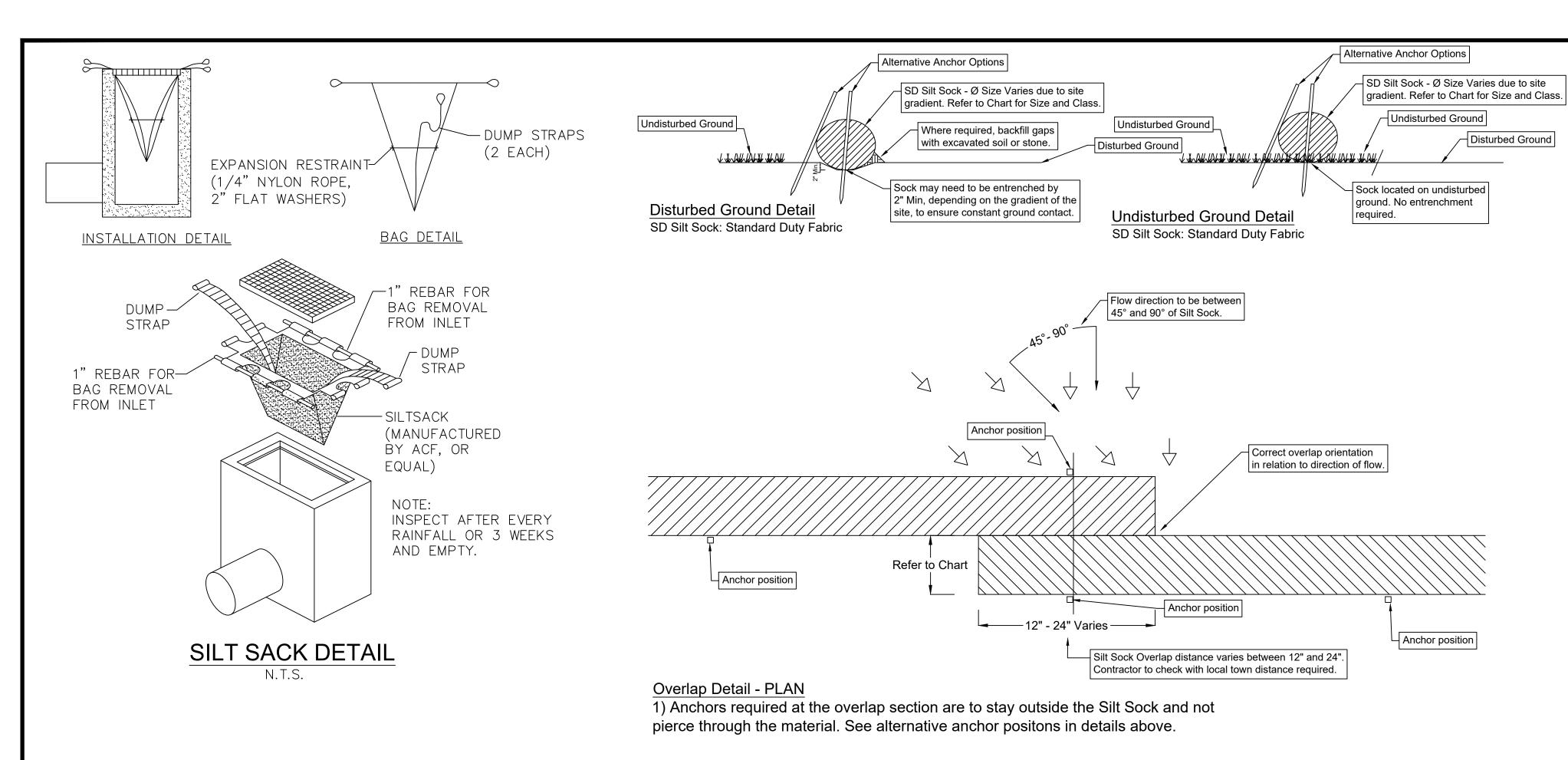
PROPOSED MODIFICATIONS

JAMES ALLEN RUMSEY



Demolition and **Erosion Control** Plan (West)





Anchor at Overlaped Ends - SECTION

Size & Class Chart Diameter Gradient 18" 55 30 2.1 - 5% 25 40 55 5.1 - 10% 15 30 40 10.1 - 33% 10 15 > 33% 5 10 15

SD SILT SOCK DETAIL

SD Silt Sock: Standard Duty Fabric

1 - Do not use sock below the normal watermark or perpendicular to flow in river and where the maximum incline is greater than 50%.

2 - Contractors should be aware of federal, state and local laws, rules regulations or permit requirements for the use of Silt Socks on site.

3 - Sock should be positioned on the outline of the area to be protected, but must be installed between 45° to 90° from directions of flow.

4 - Sock may be required to be entrenched a minimum of 2" on disturbed ground to ensure constant ground contact.

5 - All gaps and ruts must be backfilled with soil or sock material.

6 - Sock overlap should be in the direction of the flow. Overlap amount will be between 12" and 24". Contractor to check with local town for requirements.

7 - If sediment collects to 1/2 the height of the sock, then a second sock may be stacked immediately up slope of the original instead of removing the sediment.

8 - Sock joint is where two sock sections meet on a level grade, overlap and adjoining ends, tightening the ends together, and anchoring through each end. Where two sections meet on un-level ground, j-hook higher elevated end, anchor, and begin new section just below.

Back fill any gaps. 9 - Sock should be inspected and repaired as needed.

10 - If ruts begin under the sock they should be backfilled with soil and compacted so that the ground and sock have continuous contact.

11 - If sock rolls out of place, the sock should be repositioned and secured with additional

12 - Tears in the Sock fabric may be repaired by wrapping a new piece of fabric over the sock and securing, or by place a second sock immediately up slope with the required overlap beyond deformation.

13 - A section of sock should be replaced whenever it has weakened to such an extent that the efficiency is reduced or diminished. Weakening can occur because the natural mesh

fabric breaks down over time of from being moved/dragged on site. 14 - Sock should be replaced when sediment has built up and has been removed three

15 - All sediment in disturbed area next to sock must be removed and correctly disposed of before the sock can be removed.

16 - When removing, cut sock open and spread the filler material around. The netting should be removed from site.

17 - Sock should be installed before works commence on site.

DRAWING REVISIONS: BY REMARKS

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OWNERS ACCEPTANCE.

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PROPERTY NUMBER: #1723

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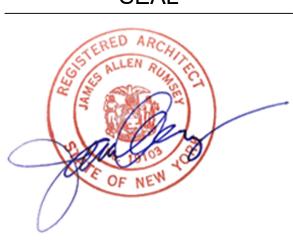
CONSULTANT

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JAMES ALLEN RUMSEY

(716) 886-0211

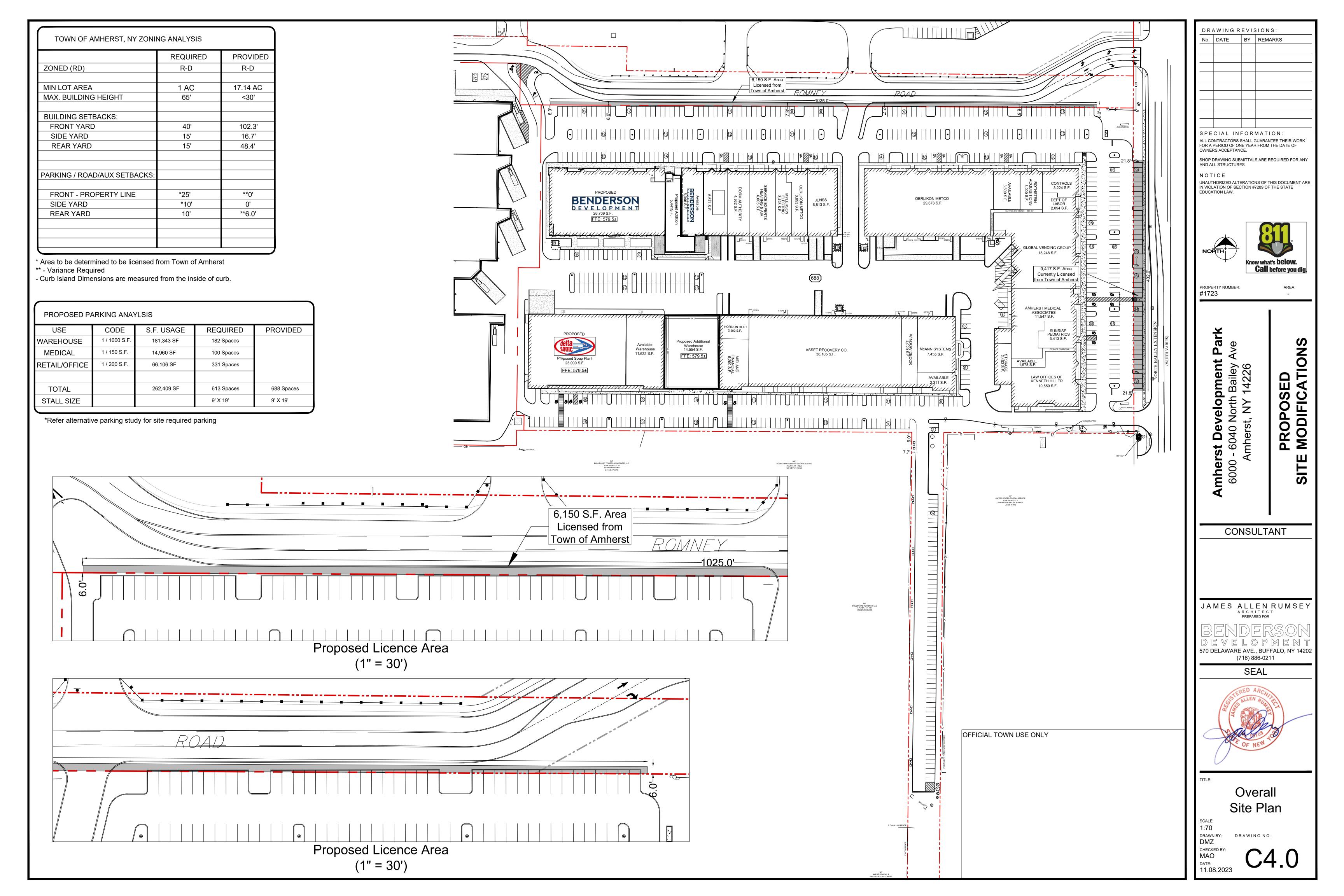
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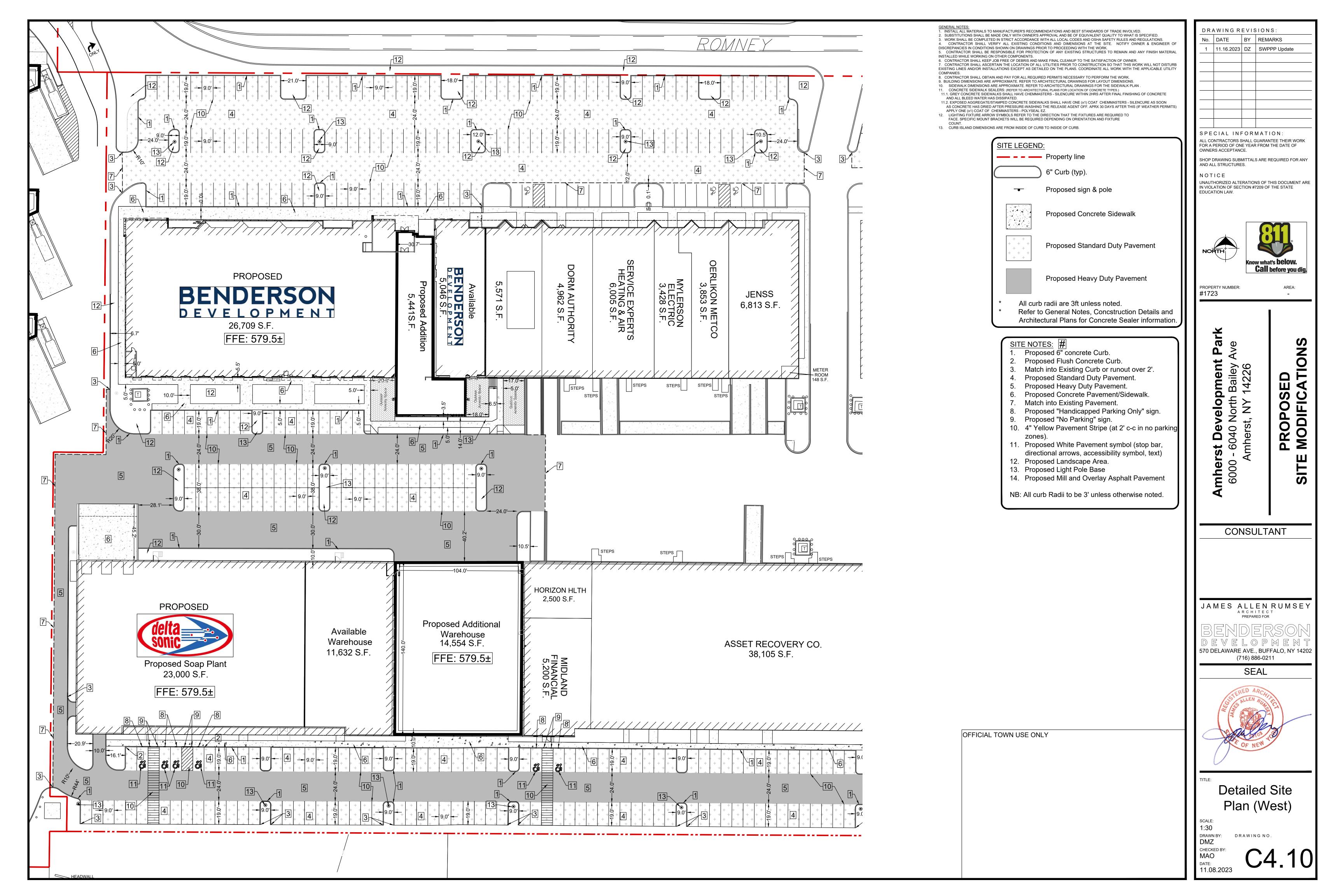


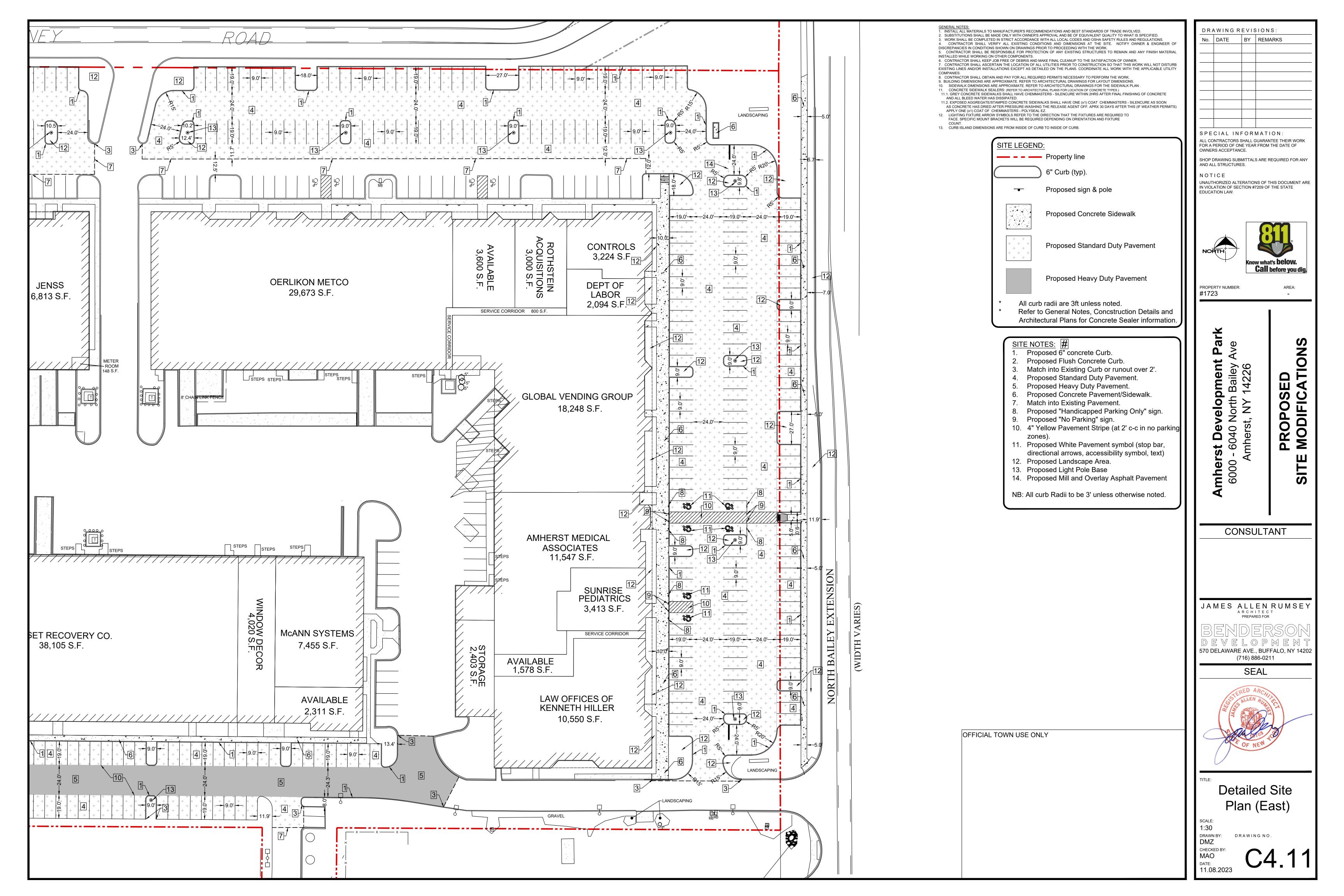
Demolition and **Erosion Control Details**

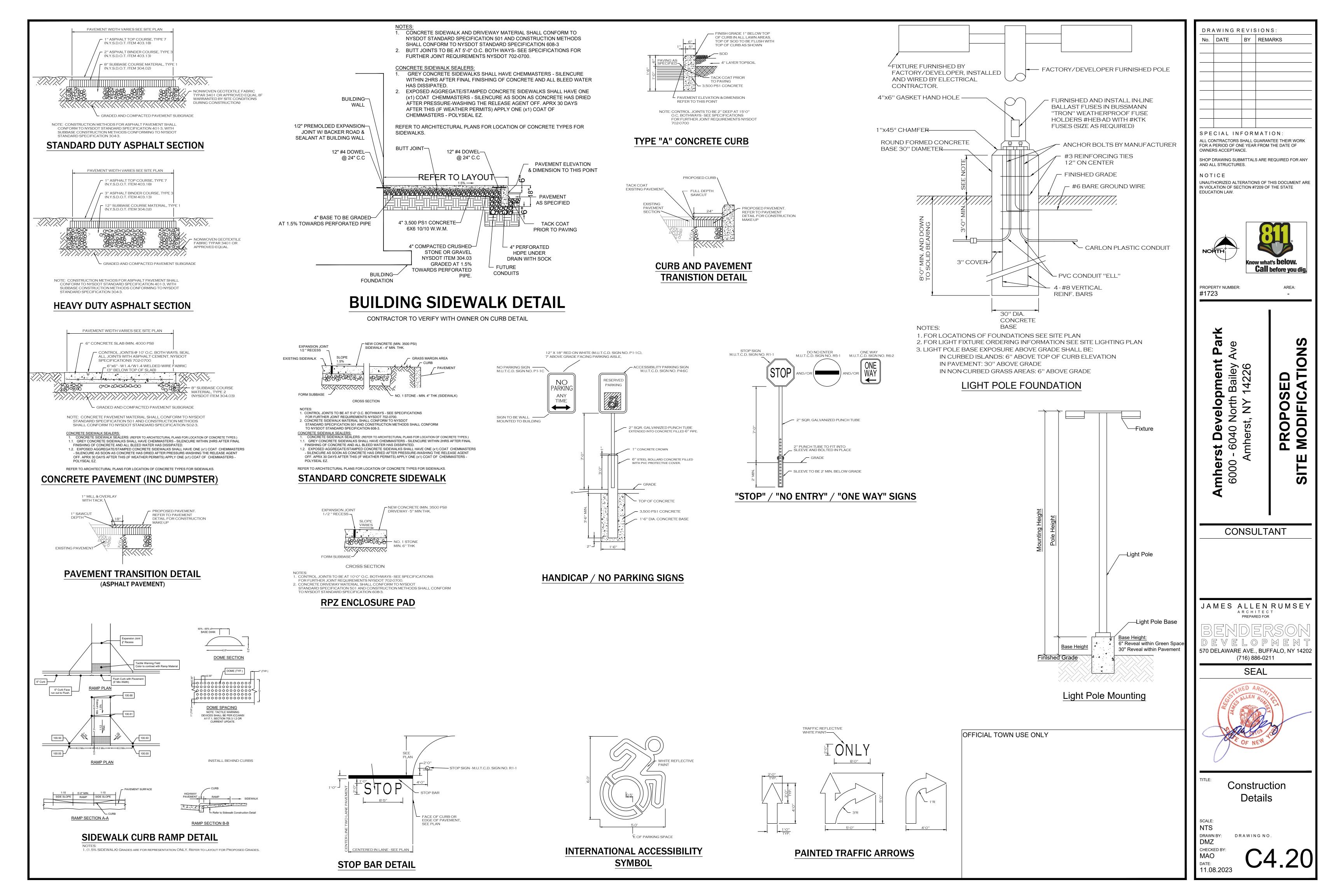
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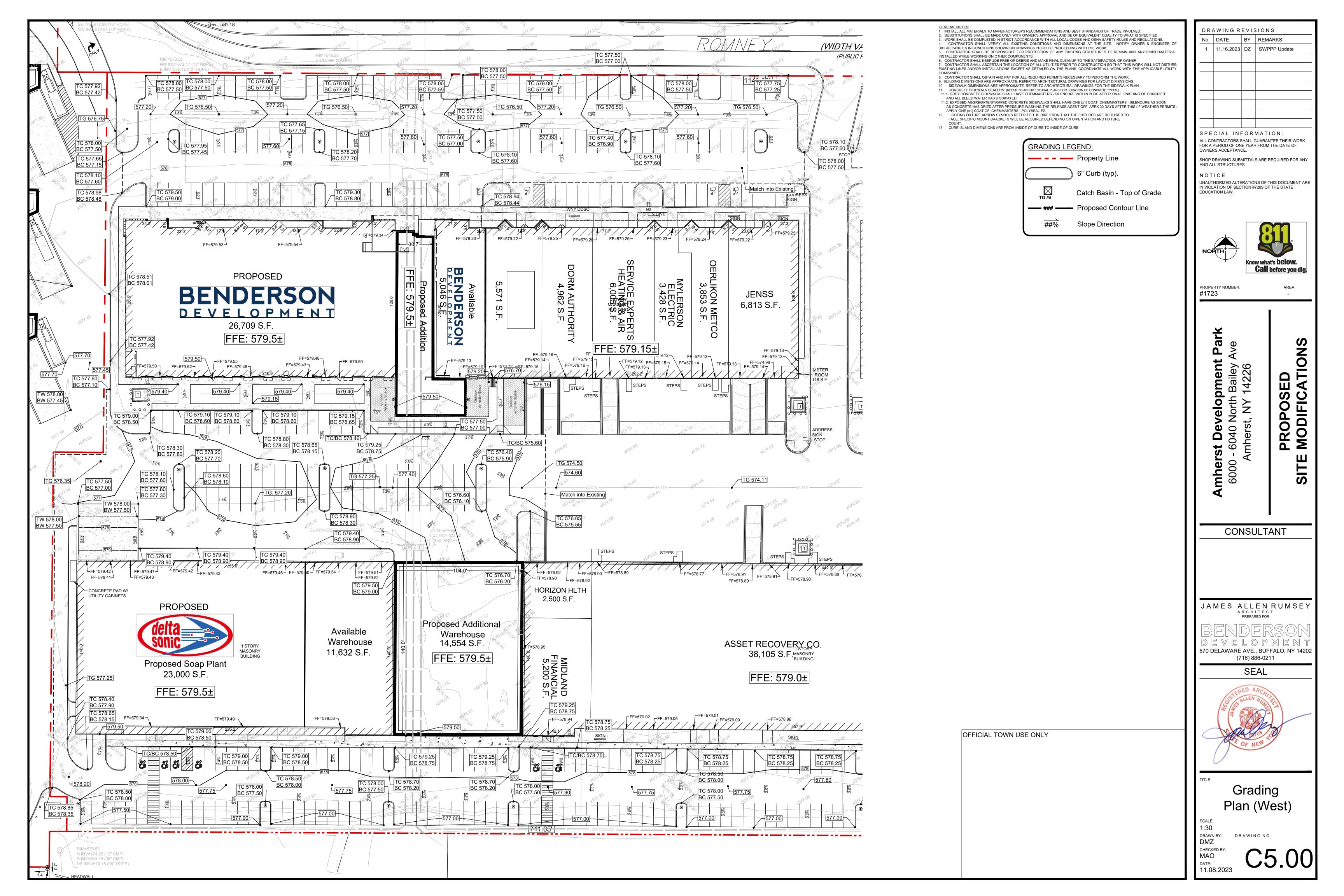
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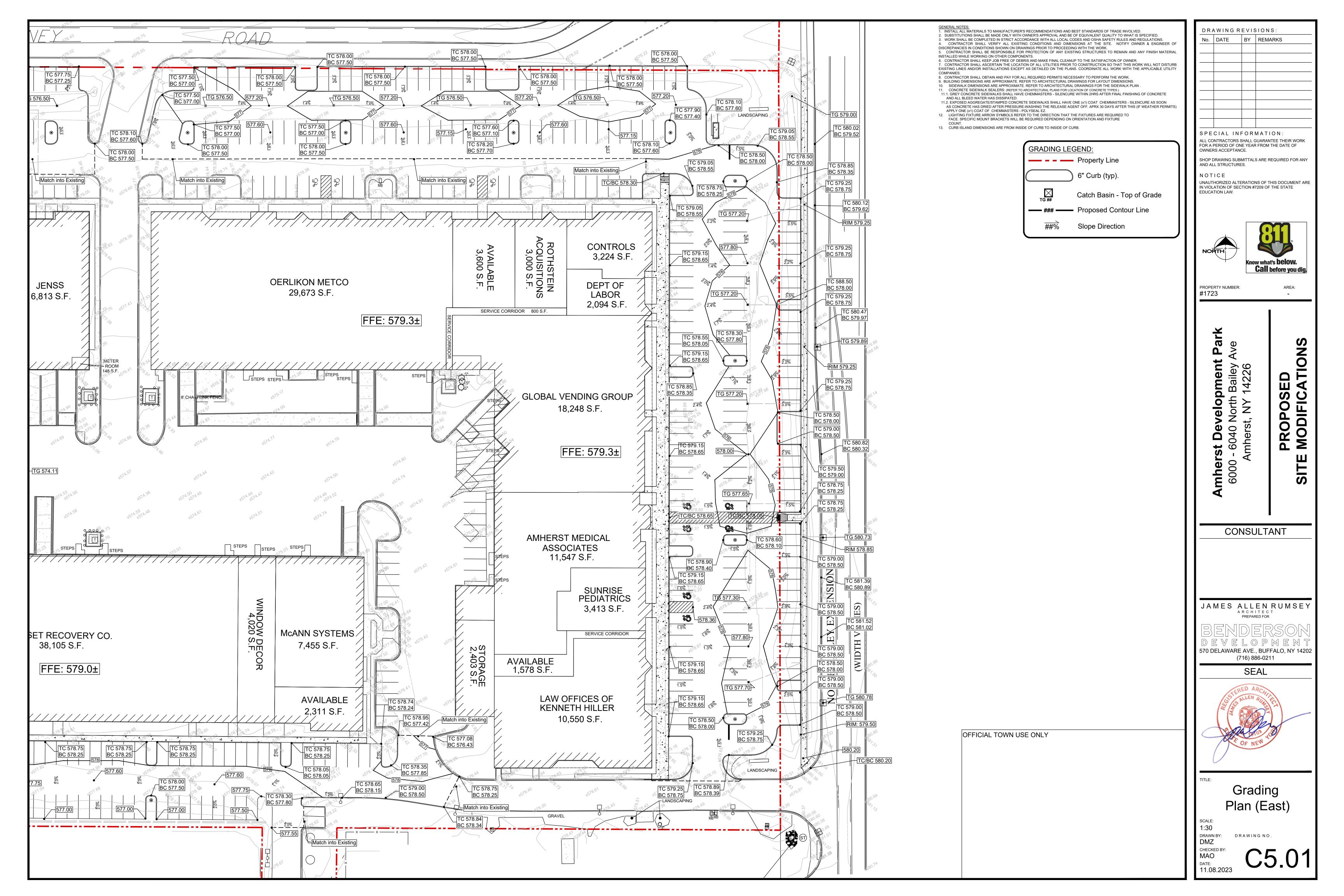


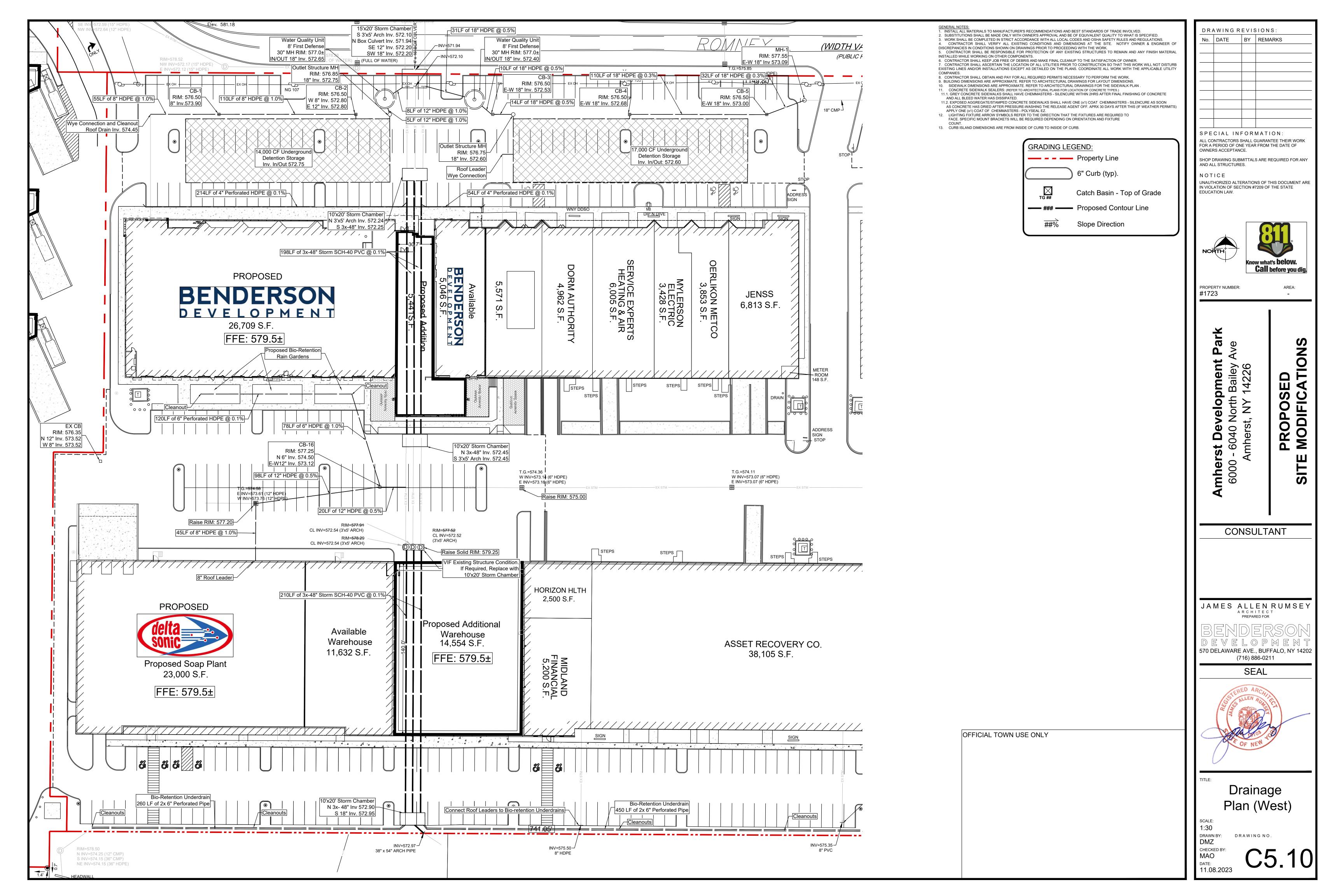


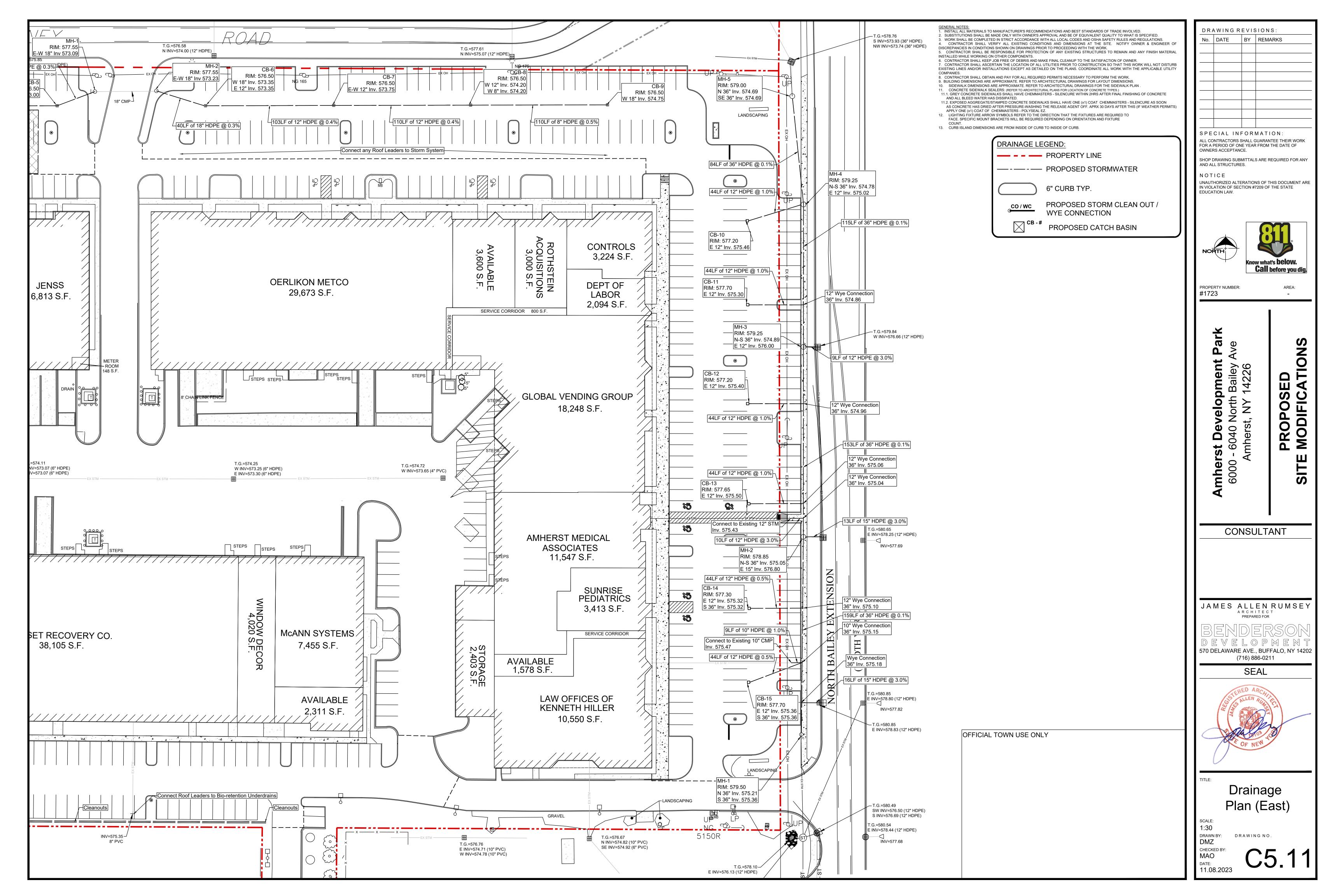


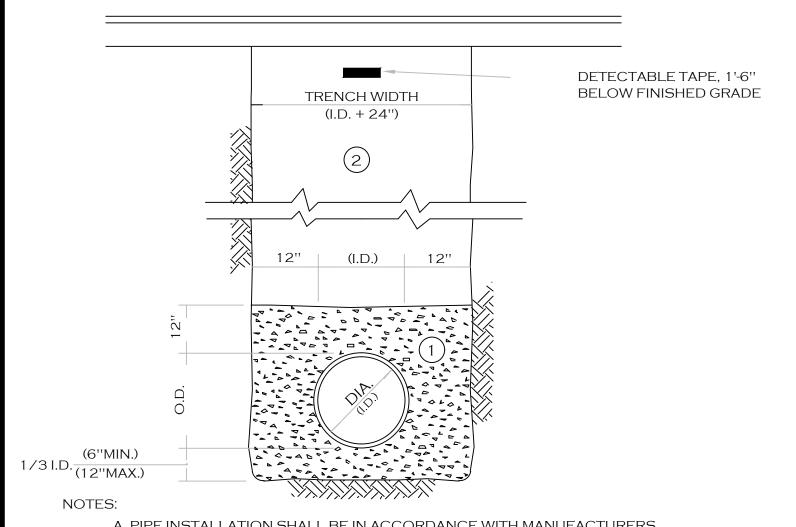












A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS

RECOMMENDATIONS.

- B. TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
- C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
- D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

MATERIALS

PIPE BEDDING MATERIAL (NYSDOT 1985 EDITION)

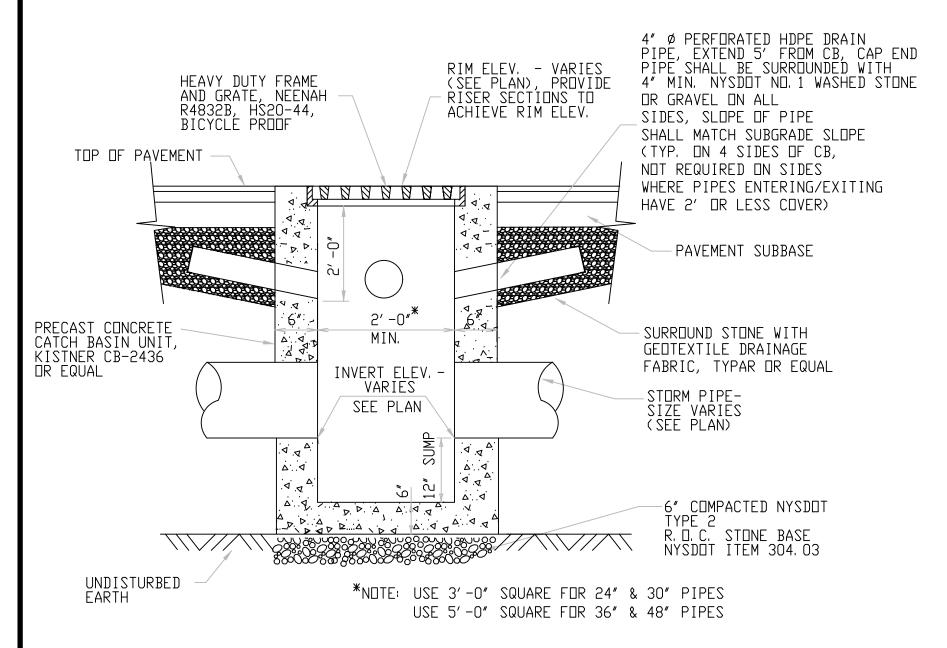
NO. 1 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYSDOT SECTION 703-02. THE MATERIAL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN ONE INCH AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.

NO SLAG SHALL BE ALLOWED FOR MATERIAL (1)

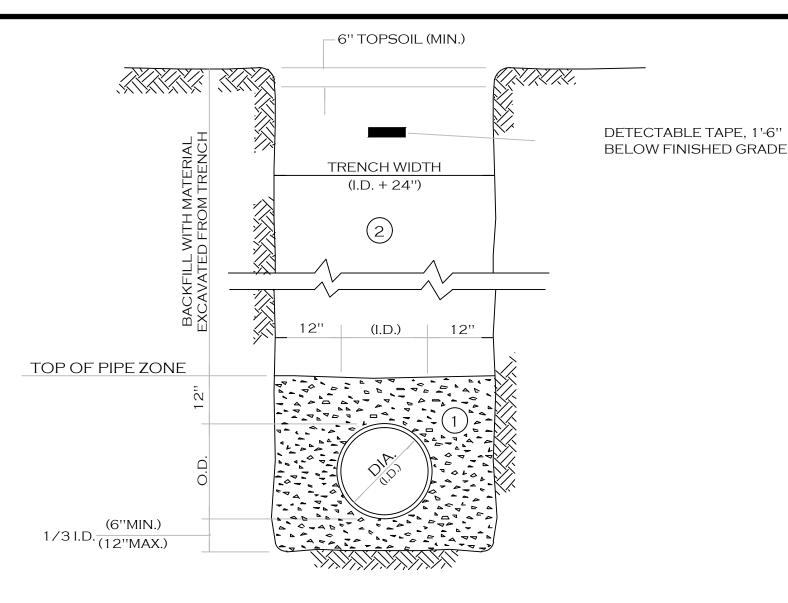
TYPE 2 CRUSHED STONE OR CRUSHED GRAVEL WITH A GRADATION CONFORMING WITH NYSDOT SECTION 304-2.02 TYPE 2. THE MATERAIL SHALL BE WELL GRADED WITH NO PARTICLES LARGER THAN TWO INCHES AND HAVING A MAXIMUM GRADATION MEETING THE LIMITS DESCRIBED IN THE SPECIFICATIONS. THE BEDDING SHALL BE COMPACTED IN 6" LIFTS WITH EQUIPMENT ACCEPTABLE TO THE PIPE MANUFACTURER.

NO SLAG SHALL BE ALLOWED FOR MATERIAL (2)

TRENCH SECTION IN PAVED AREAS



TYPICAL PRECAST CATCH BASIN



NOTES:

- A. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- B. TRENCHING OPERATIONS SHALL INCLUDE ALL NECESSARY DEWATERING.
- C. TRENCH DETAILS ARE ONLY SHOWN FOR PURPOSES OF MATERIAL PLACEMENT AND MAXIMUM PAY LIMITS.
- D. AN OSHA APPROVED MOVABLE PROTECTIVE TRENCH SHIELD SHALL BE USED IN ALL UNSHEETED TRENCH AREAS.

MATERIALS

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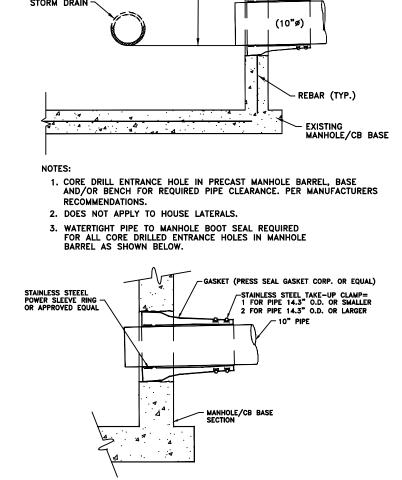
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NO SLAG SHALL BE ALLOWED FOR MATERIAL (1)

/ EXISTING MANHOLE/CB WALL

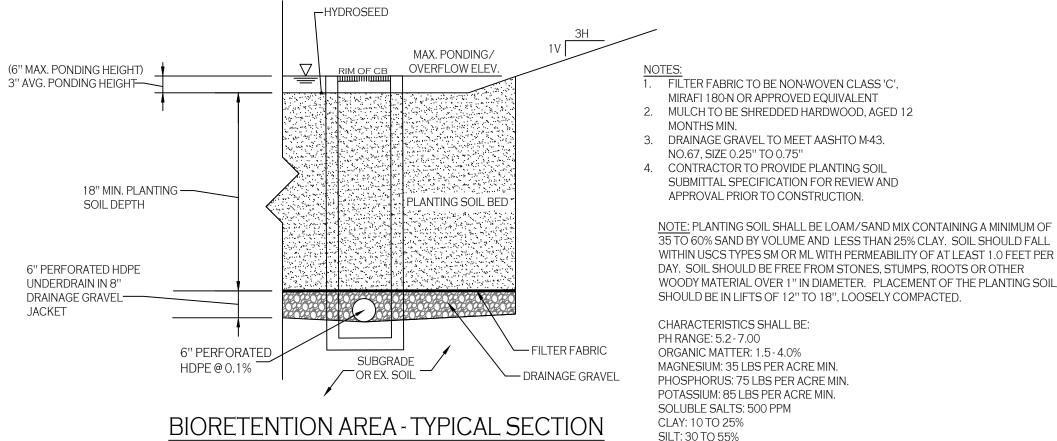
BACKFILL MATERIAL SHALL BE NATIVE SOIL CONTAINING NO UNSUITABLE MATERIAL COMPACTED IN 6" LIFTS.

TRENCH SECTION IN UNPAVED AREAS



PROPOSED PIPE TO MATCH EXISTING INVERT LEVEL 7

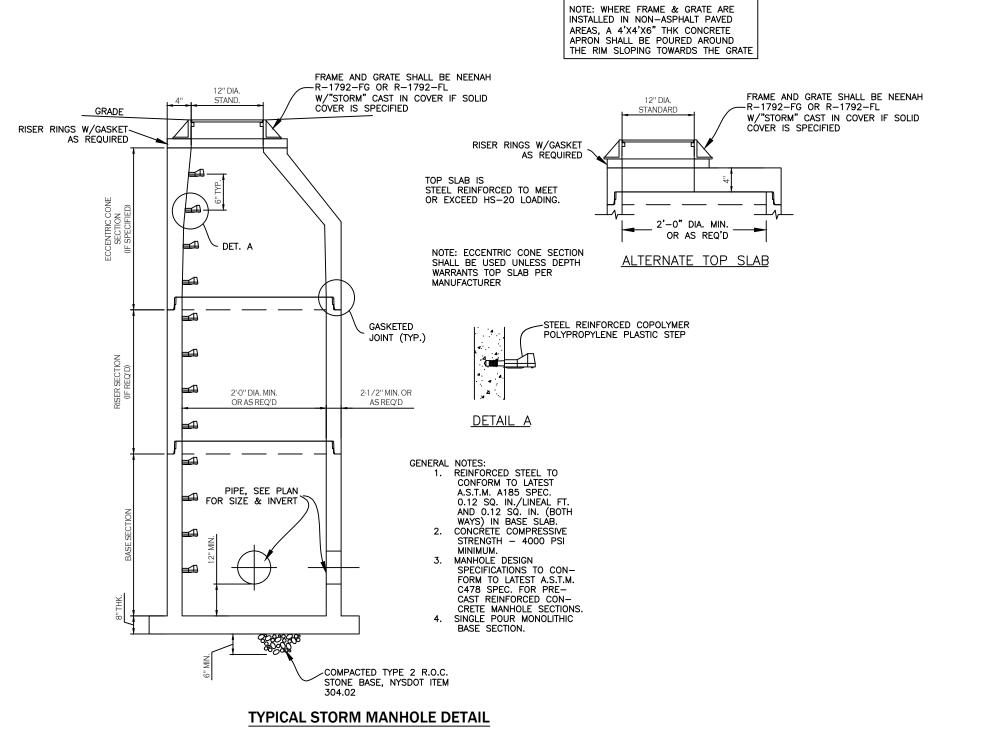


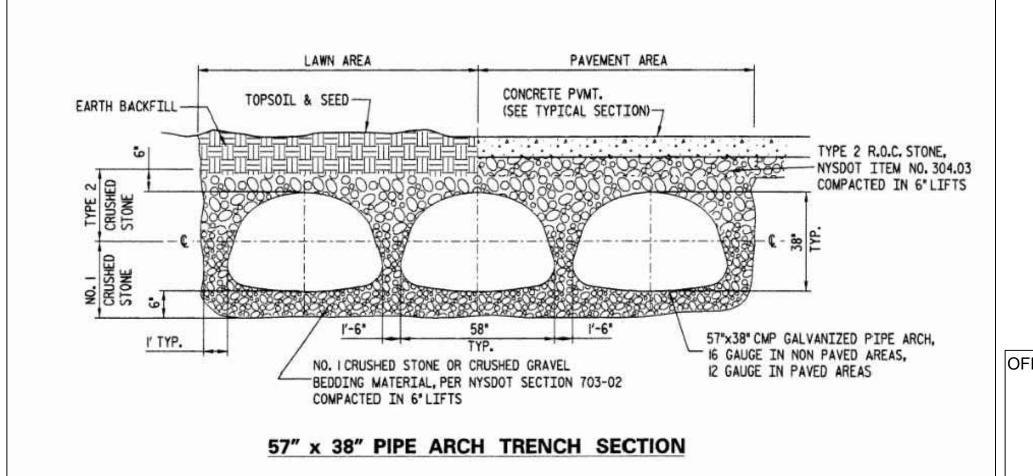


BIORETENTION AREA - TYPICAL SECTION

BIO-RETENTION A	REA SEEDING SPEC (NO	PEC (NORTHEAST WETLAND GRASS SEED MIX):		
SEED MIXTURE	VARIETY	PERCENT BY NO. OF SEEDS		
CREEPING BENTGRASS	AGROSTIS STOLONIFERA	63.0		
ROUGH BLUEGRASS	Poa trivialis	17.0		
MEADOW FOXTAIL	ALOPECURUS ARUNDINACEUS	11.0		
ANNUAL RYEGRASS	LOLIUM MULTIFLORUM	4.5		
DEERTONGUE	PANICUM CLANDESTINUM	4.5		

SAND: 35 TO 60%





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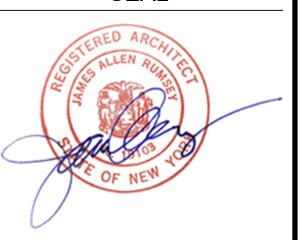
CONSULTANT

JAMES ALLEN RUMSEY PREPARED FOR

570 DELAWARE AVE., BUFFALO, NY 14202

SEAL

(716) 886-0211



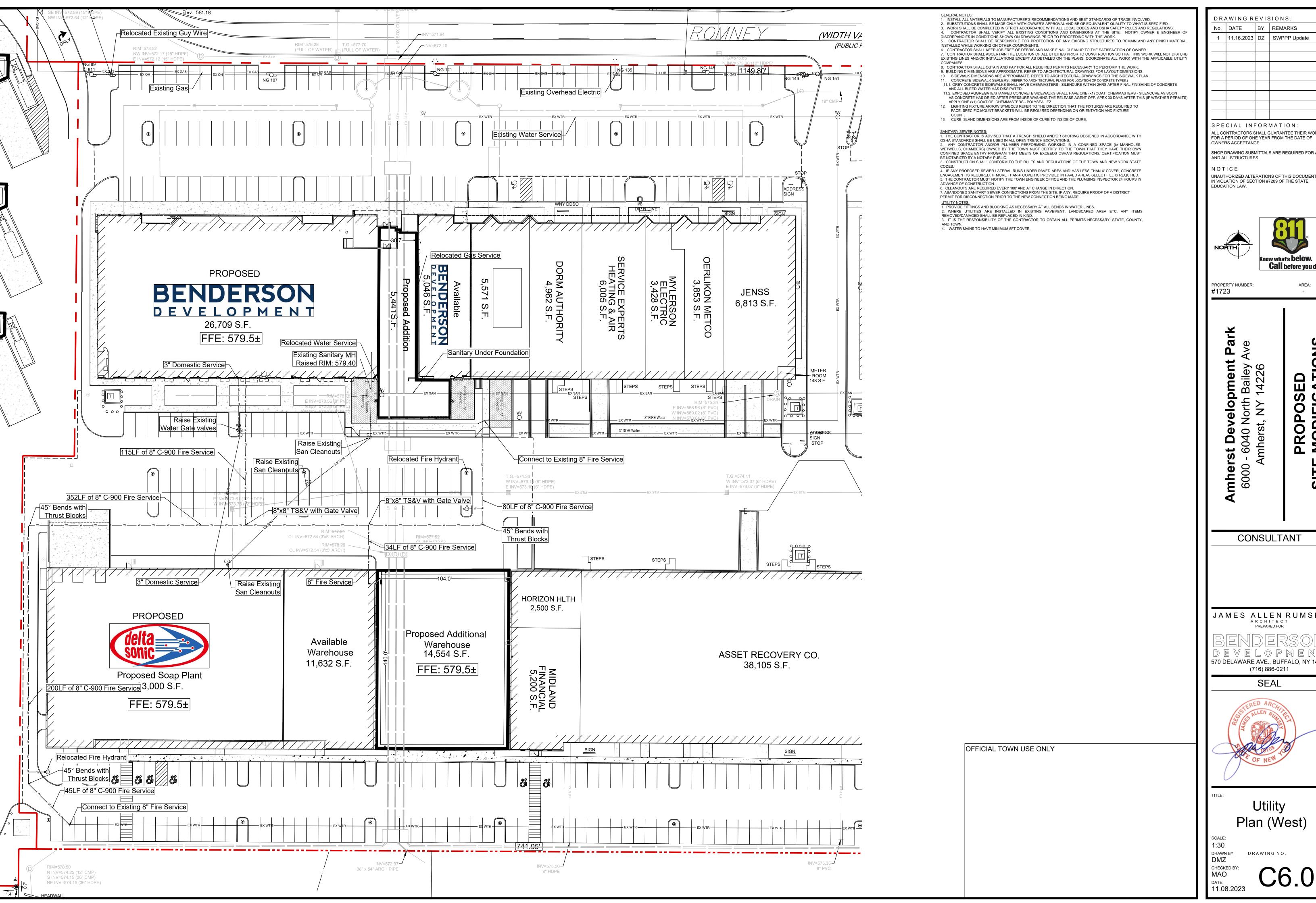
Drainage Details

DRAWN BY: DRAWING NO. DMZ

CHECKED BY

11.08.2023

DATE:



No. DATE BY REMARKS 11.16.2023 DZ SWPPP Update

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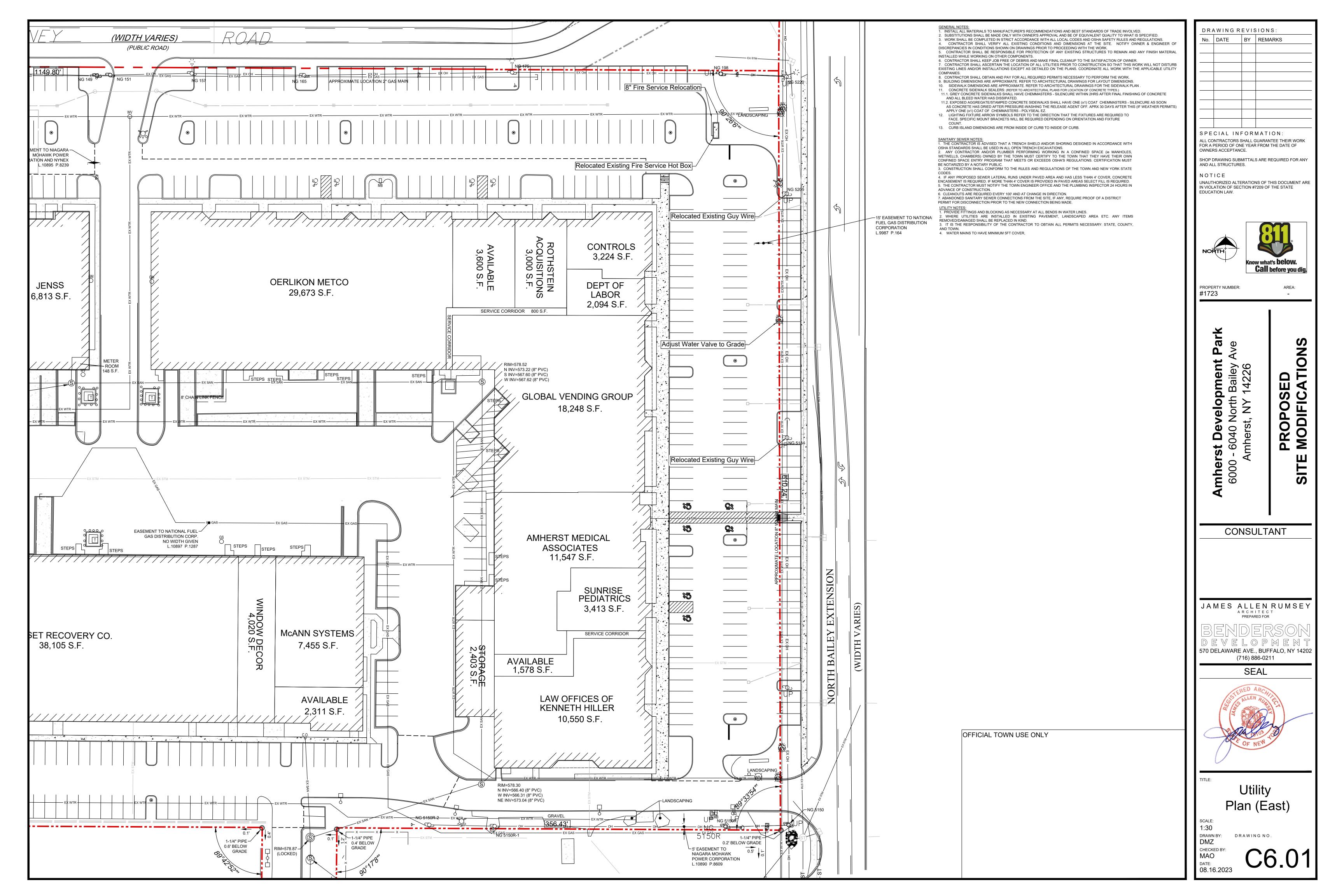
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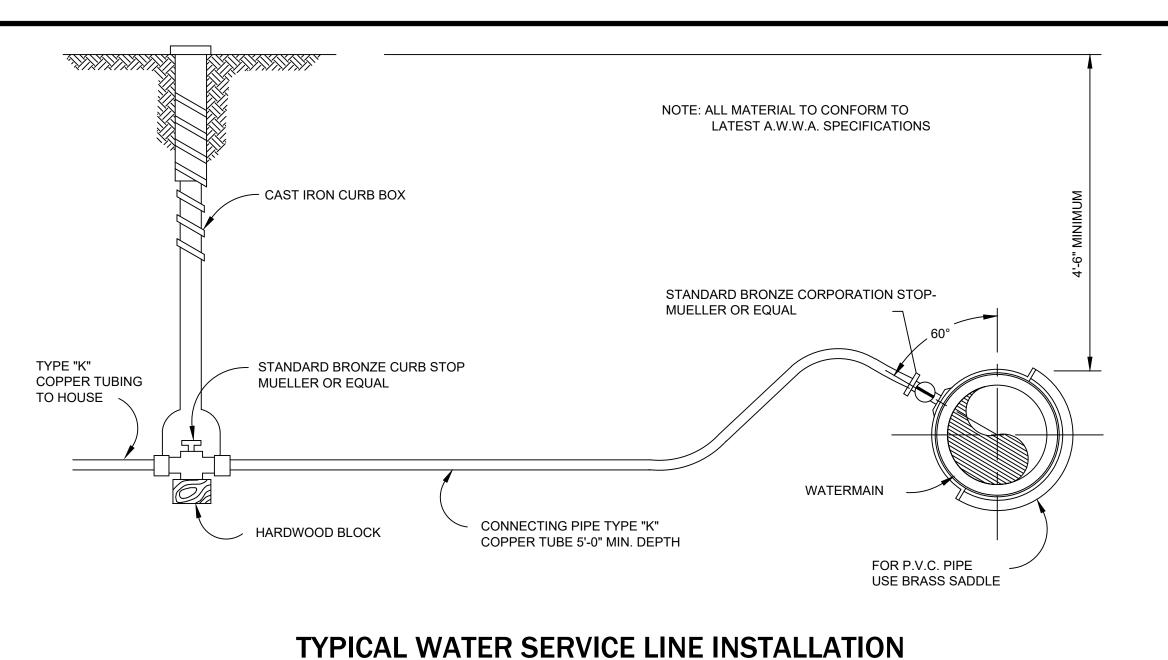
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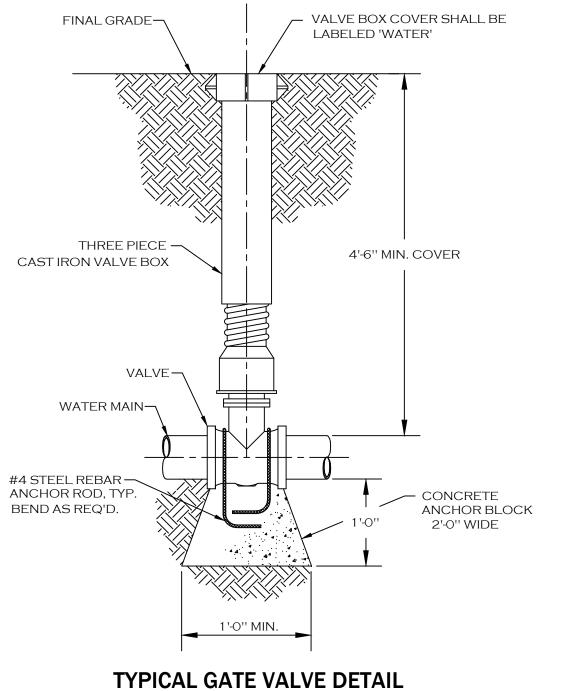
JAMES ALLEN RUMSEY

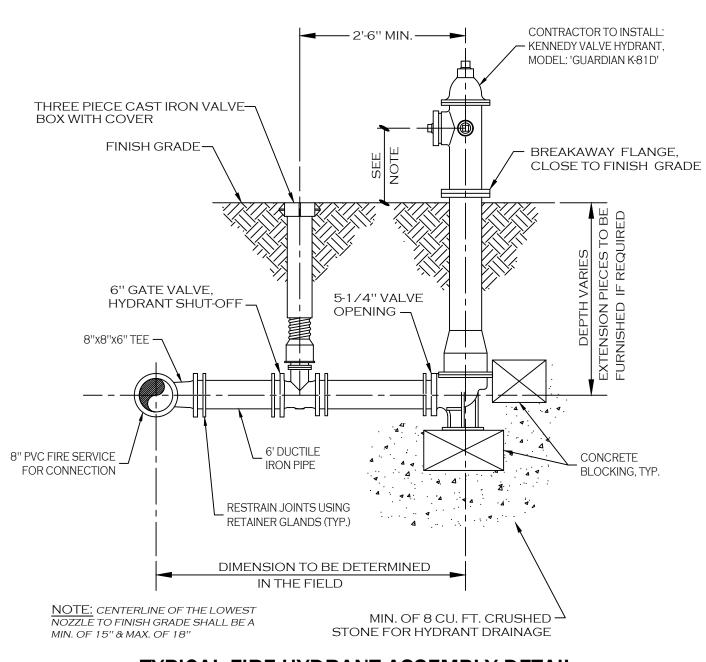
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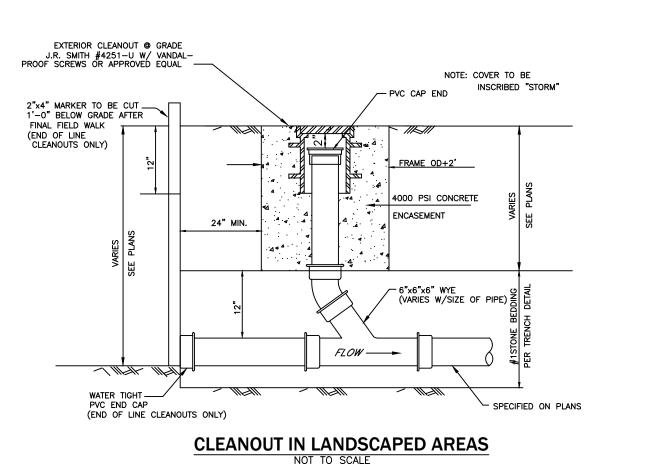


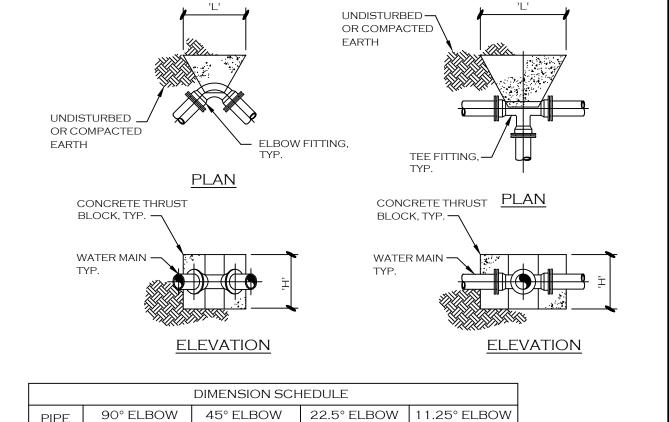






TYPICAL FIRE HYDRANT ASSEMBLY DETAIL





EXTERIOR CLEANOUT @ GRADE J.R. SMITH #4251-U W/ VANDAL- PROOF SCREWS OR APPROVED EQU	CAP
TOP COURSE BINDER STONE BASE	EXPANSION JOINT WITH FIBERBOARD 4000 PSI CONCRETE ENCASE TO FULL DEPTH OF FRAME
VARIES SEE PLANS	6" FOR IN-LINE CLEAN-OUT 8" FOR END OF LINE LAMPHOLE
FLOW	FRAME OD + 2' SEE PLANS FOR SEWER SIZES

CLEANOUT IN PAVED AREAS

NOT TO SCALE

8''	2.5'	3.5'	2.0'	2.5'	1.5'	1.5'	1.0'	2.0'
10"	3.0'	4.5'	2.5'	3.0'	1.5'	3.0'	1.0'	2.5'
12"	3.5'	5.0'	3.0'	3.5'	2.5'	2.5'	1.5'	2.5'
DIMENS	SION SCI	HEDULE						
PIPE SIZE		R TAP EVE						
	'H'	'L'						
4''	1.5'	1.0'						
6''	1.5'	2.5'						
8''	1.5'	3.5'						
	:	0 F1						
10"	2.5'	3.5'						

4" 1.5' 2.0' 1.0' 2.0' 1.0' 1.0' 1.0' 1.0' 6" 2.0' 2.5' 1.5' 2.0' 1.0' 1.5' 1.0' 1.5'

THRUST BLOCK SCHEDULE

WATER MAIN



No.	DATE	BY	REMARKS
		1	

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AREA:

PROPERTY NUMBER: #1723

velopment | North Bailey A st, NY 14226

PROPOSED MODIFICATIONS SI

CONSULTANT

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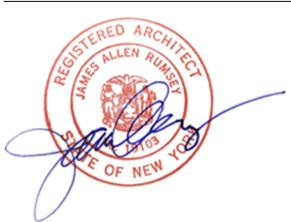
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JAMES ALLEN RUMSEY
ARCHITECT
PREPARED FOR

570 DELAWARE AVE., BUFFALO, NY 14202 (716) 886-0211

SEAL



Details

DRAWN BY: DRAWING NO. DMZ CHECKED BY:
MAO
DATE:
11.08.2023

