

SITE SPECIFIC NOTES

1. THE EXISTING SITE AREA EQUALS 16,293 SF (0.37 AC)

SECTION 43.2 OC

2. COIN TO THE T S S E S S O THE E I S T I N S I T E C O N S I S T S O F T H E F O O I N T P C E I D E N T I F I C A T I O N N E S

LOT 22

3. S E T O P O G R A P H I C T S H O N H E C O N I S T E N F O P N P E P E

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T E

4. T H E S E C T S I T E I S O C C U R I N G I N T H E

C E N E C O E C I

O N I N I S T I C T

# SITE DEVELOPMENT PLAN FOR GALLON MEASURE

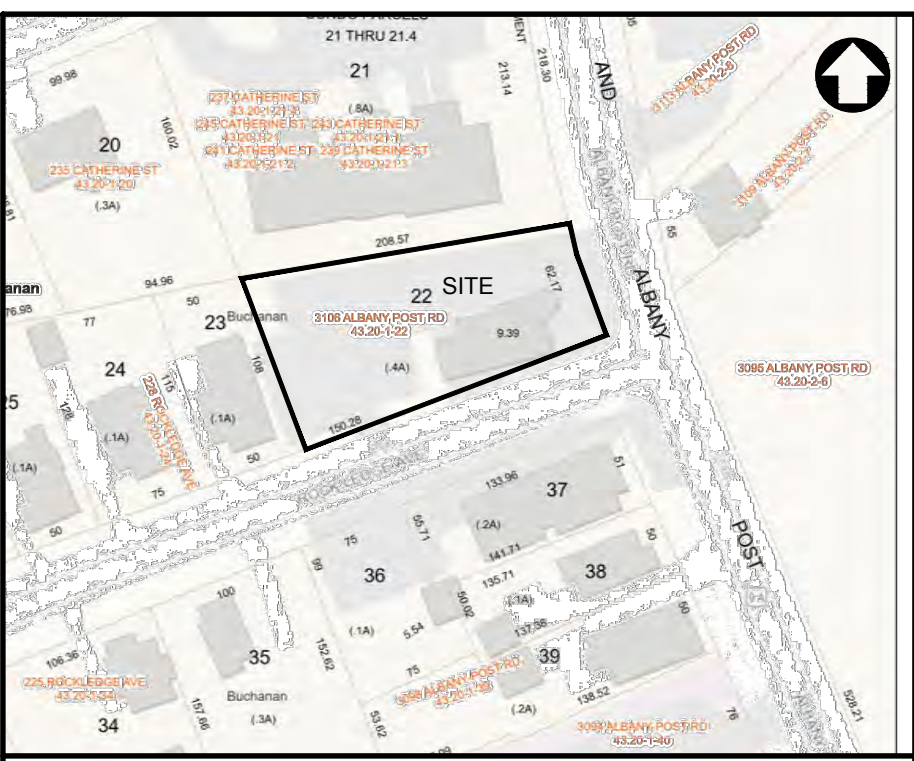
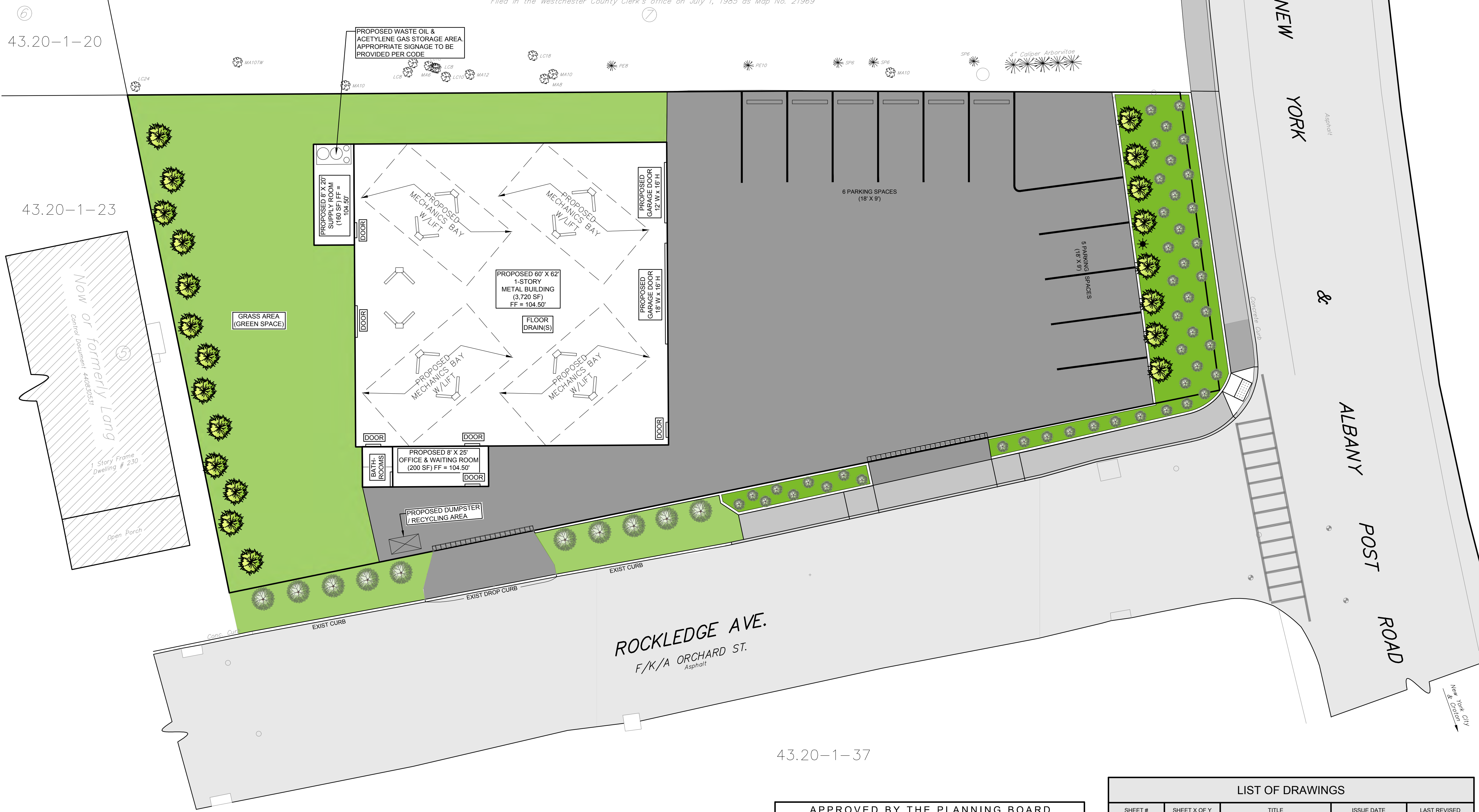
3106 ALBANY POST ROAD  
VILLAGE OF BUCHANAN (TOWN OF CORTLANDT)  
WESTCHESTER COUNTY, NEW YORK

43.20-1-21 THRU 21.4

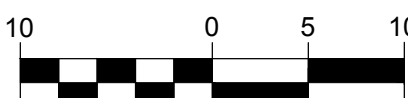
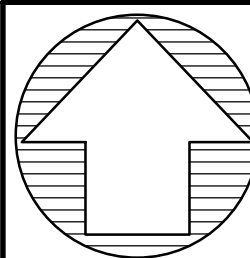
Formerly Gallagher

FM 2443

See map "Subdivision Map Prepared for Fante Realty Corp . . .,"  
Filed in the Westchester County Clerk's office on July 1, 1985 as Map No. 21959



LOCATION MAP SCALE: 1" = 150'



SCALE: 1" = 10 FT.

## OWNER/APPLICANT

GALLON MEASURE  
3106 ALBANY POST ROAD  
BUCHANAN, NY 10511

• UNDER NEW YORK STATE EDUCATIONAL LAW ARTICLE 145, SECTION 7209 (2), IT IS UNLAWFUL FOR ANY PERSON TO ALTER ANY ITEM ON THIS DRAWING, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IF ANY ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.  
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## REVISIONS

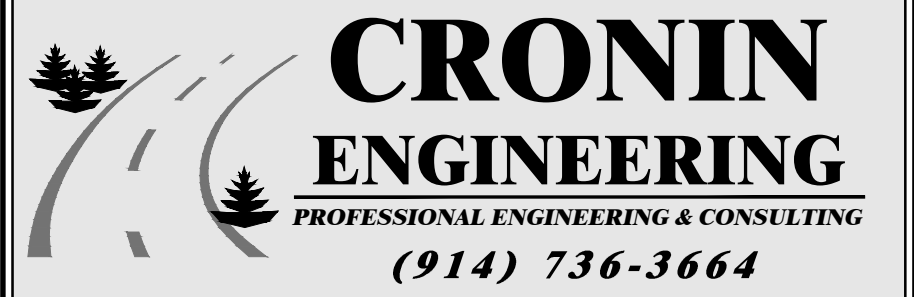
#	REASON	DATE
8		
7		
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4		
3		
2	ENGINEER COMMENTS DATED 11-19-2025	DECEMBER 09, 2025
1	ENGINEER COMMENTS DATED 10-16-2025	NOVEMBER 10, 2025

## MUNICIPAL TAX IDENTIFICATION:

SECTION: 43.20  
BLOCK: 1  
LOT: 22  
SUBLOT: ----  
DRAWN BY: AD / KW  
CHECKED: JA  
PROJECT: ALBANY POST RD  
DATE: OCTOBER 9, 2025  
JOB #: 251004



PATRICK M. BELL, PE  
LICENSE #087679



39 Arlo Lane  
Cortlandt Manor, New York 10567

## COVER SHEET

SITE DEVELOPMENT PLAN  
FOR  
GALLON MEASURE

LOCATION:  
3106 ALBANY POST ROAD  
VILLAGE OF BUCHANAN (TOWN OF CORTLANDT), NY

SHEET 1 OF 6

CS

APPROVED BY THE PLANNING BOARD  
OF THE VILLAGE OF BUCHANAN

APPROVED SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF A  
RESOLUTION DATED \_\_\_\_\_ OF THE PLANNING BOARD OF THE  
VILLAGE OF BUCHANAN, NEW YORK. ANY CHANGES, ERASURE, MODIFICATION,  
OR REVISION OF THIS PLAN, ABSENT RE-APPROVAL FROM THE PLANNING  
BOARD, SHALL VOID THIS APPROVAL.

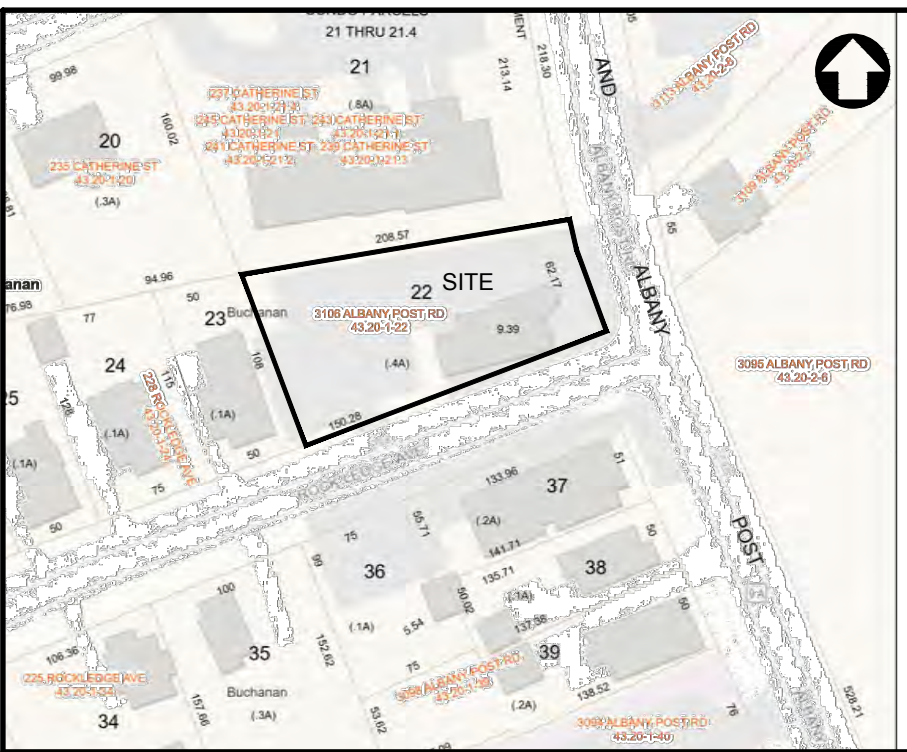
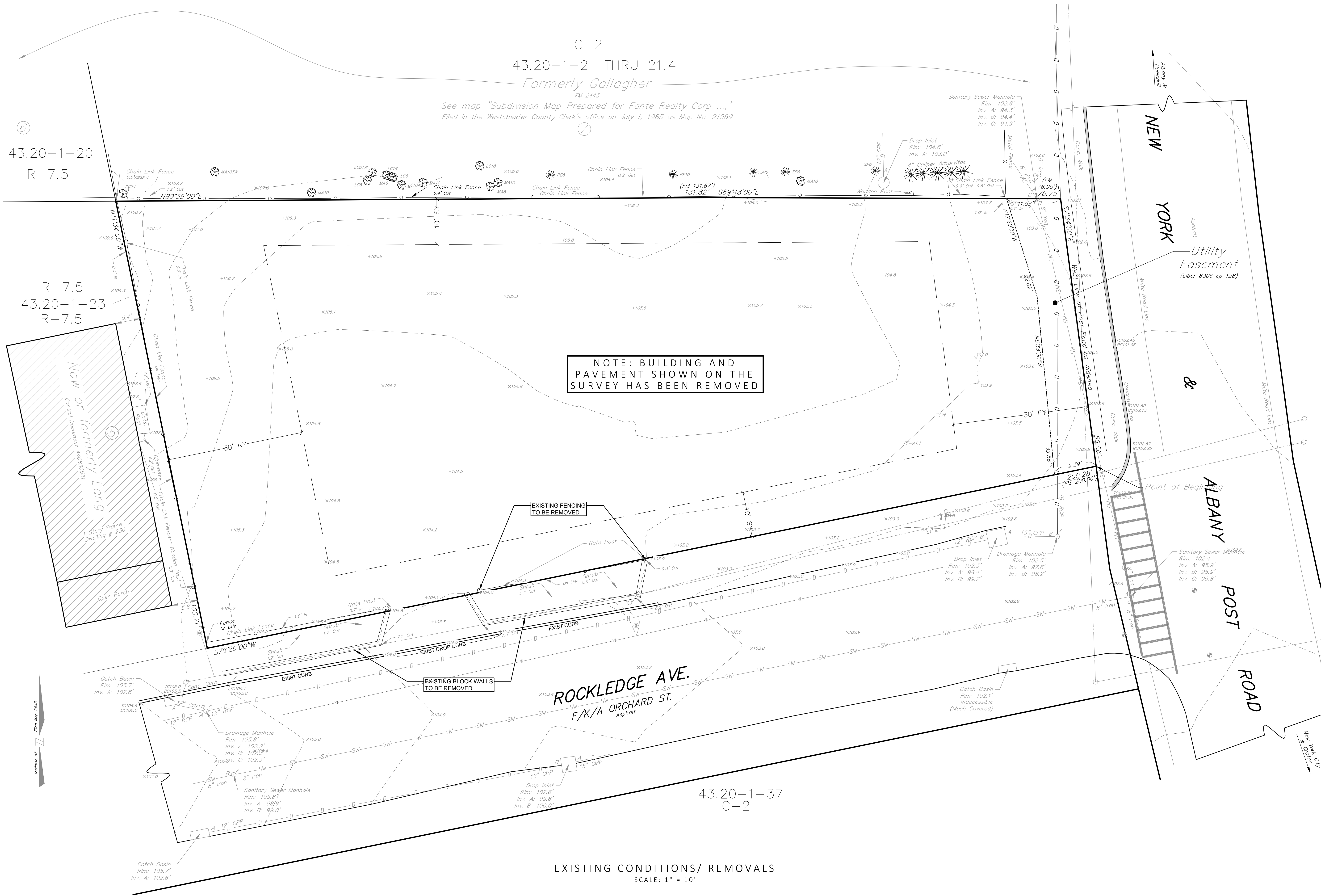
NICHOLAS ZACHARY, CHAIRMAN

DATE

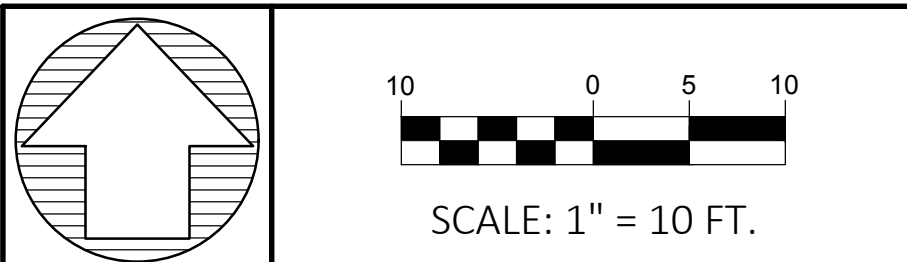
LIST OF DRAWINGS				
SHEET #	SHEET X OF Y	TITLE	ISSUE DATE	LAST REVISED
CS	1 OF 6	COVER SHEET	OCTOBER 9, 2025	DECEMBER 09, 2025
EX-1.1	2 OF 6	EXISTING CONDITIONS / REMOVALS	OCTOBER 9, 2025	DECEMBER 09, 2025
SP-2.1	3 OF 6	SITE PLAN	OCTOBER 9, 2025	DECEMBER 09, 2025
SP-2.2	4 OF 6	UTILITIES / EROSION & SEDIMENT CONTROL	OCTOBER 9, 2025	DECEMBER 09, 2025
CD-3.1	5 OF 6	CONSTRUCTION DETAILS	OCTOBER 9, 2025	DECEMBER 09, 2025
CD-3.2	6 OF 6	CONSTRUCTION DETAILS	OCTOBER 9, 2025	DECEMBER 09, 2025



SITE SPECIFIC NOTES			
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NOTE 22			
4. THE SECT SITE IS OCTE IN THE	C2_ENE COECI	ONVIN ISTICT	



LOCATION MAP SCALE: 1" = 150'



OWNER/APPLICANT

GALLON MEASURE  
3106 ALBANY POST ROAD  
BUCHANAN, NY 10511

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REVISIONS

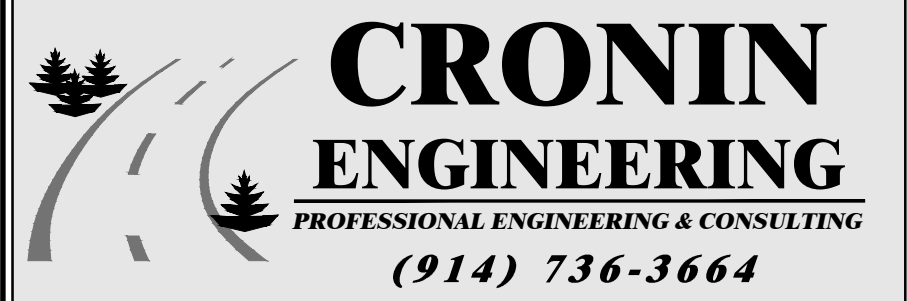
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CHECKED:	JA
PROJECT:	ALBANY POST RD
DATE:	OCTOBER 9, 2025
JOB #:	251004



PATRICK M. BELL, PE  
LICENSE #087679



39 Arlo Lane  
Cortlandt Manor, New York 10567

EXISTING CONDITIONS /  
REMOVALS PLAN

SITE DEVELOPMENT PLAN  
FOR  
GALLON MEASURE

LOCATION:  
3106 ALBANY POST ROAD  
VILLAGE OF BUCHANAN (TOWN OF CORTLANDT), NY

SHEET 2 OF 6 EX-1.1



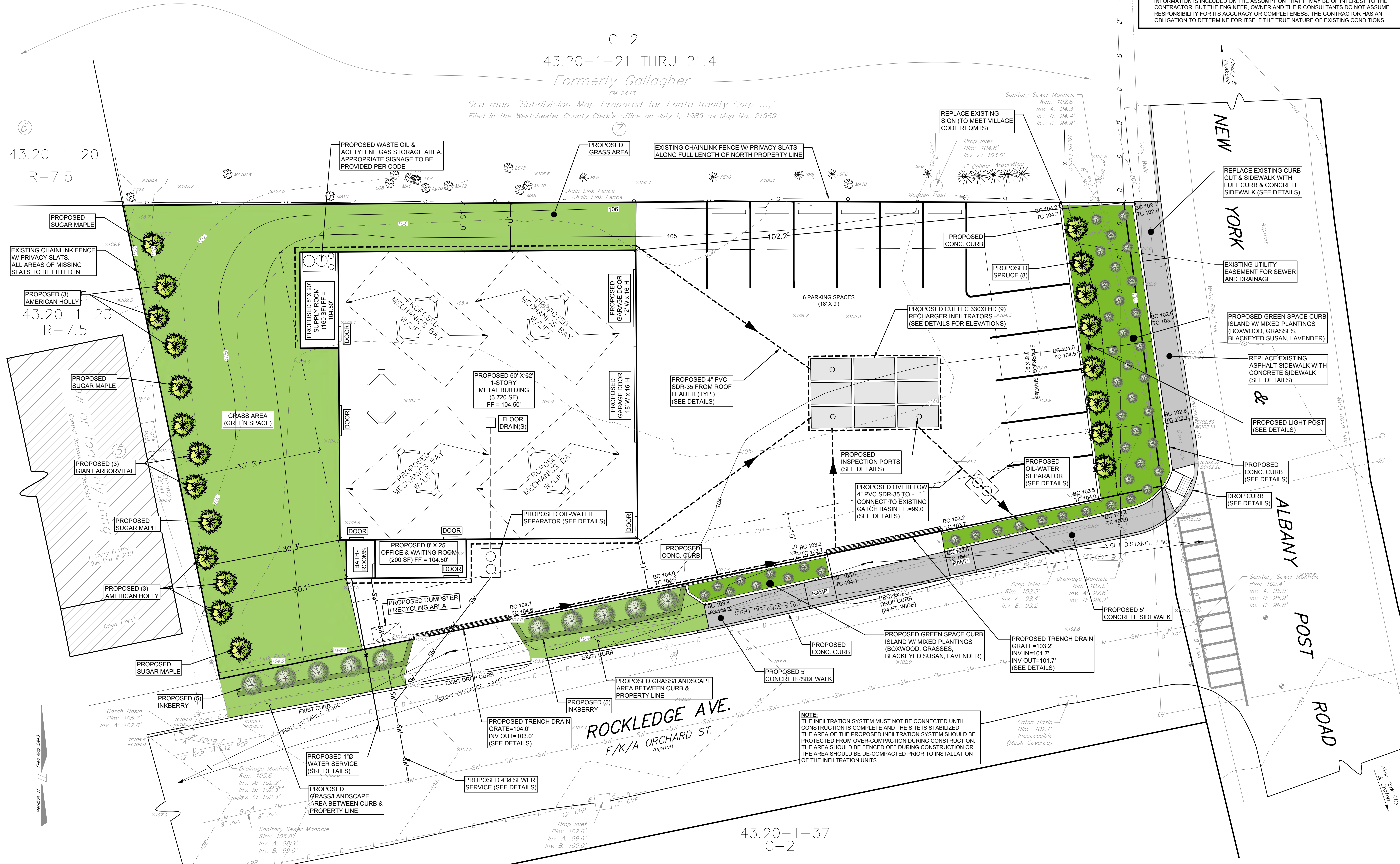
SITE SPECIFIC NOTES

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2. CCOIN TO THE T SSSO THE EISTIN SITE CONSISTS OF THE FOON T PCE IDENTIFICATION NES 1.07 : 22

3. SE TOPOPHIC T SHON HEON IS TEN FO PN PEPE E TSON SEIN ENINEEIN PC 363 OTE CO SPIN N ENTITE "SE OF POPET PEPE FO ON ESE SITTE IN THE IE OF CHNN TE

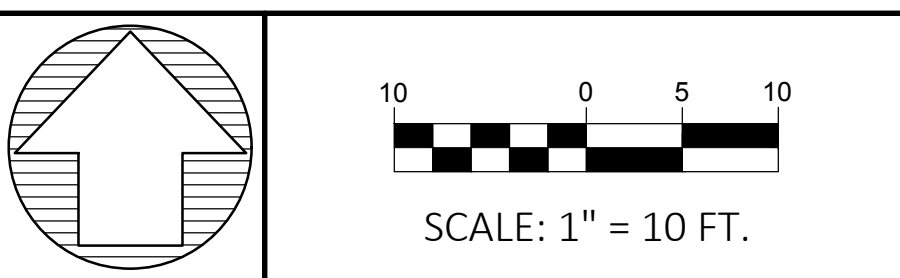
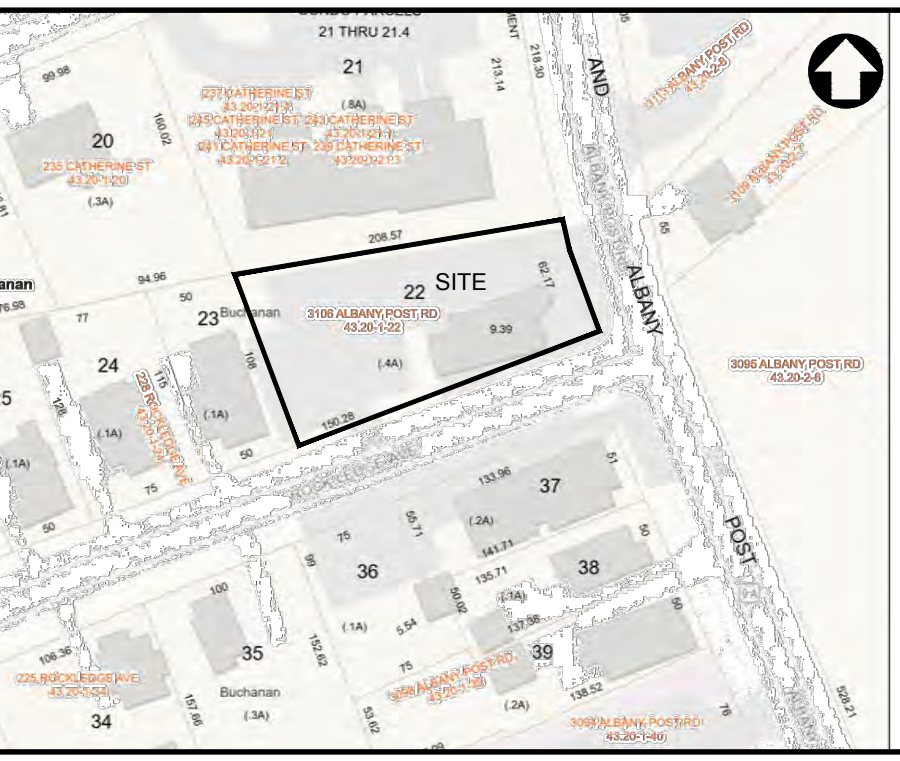
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**SPECIAL NOTES**

1. THE DESIGN ENGINEER ASSUMES NO RESPONSIBILITY FOR THE MEANS AND METHODS NEEDED TO PERFORM THE CONSTRUCTION EXCAVATION, ET AL. OPERATIONS SHOWN HEREON. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE A SAFE WORKING ENVIRONMENT AND PROVIDE THE MEANS AND METHODS TO PERFORM THE NECESSARY TASKS. NOTHING ON THESE PLANS SHALL OBLIGATE THE DESIGN ENGINEER AS TO THE MEANS AND METHODS TO PERFORM THE TASKS ASSOCIATED WITH THE APPROVED DESIGN PLANS. THOSE OBLIGATIONS AT ALL TIMES REMAIN WITH THE CONTRACTOR(S).

2. THESE DRAWINGS MAY OR MAY NOT TRULY REFLECT EXISTING CONDITIONS AND THAT SUCH INFORMATION IS INCLUDED ON THE ASSUMPTION THAT IT MAY BE OF INTEREST TO THE CONTRACTOR. BUT THE ENGINEER, OWNER AND THEIR CONSULTANTS DO NOT ASSUME RESPONSIBILITY FOR ITS ACCURACY OR COMPLETENESS. THE CONTRACTOR HAS AN OBLIGATION TO DETERMINE FOR ITSELF THE TRUE NATURE OF EXISTING CONDITIONS.

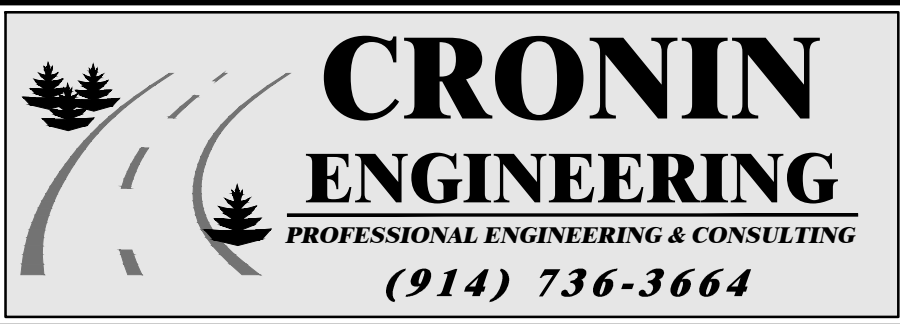


**OWNER/APPLICANT**

GALLON MEASURE  
3106 ALBANY POST ROAD  
BUCHANAN, NY 10511

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PATRICK M. BELL, PE LICENSE #087679		



39 Arlo Lane  
Cortlandt Manor, New York 10567

**SITE PLAN**

SITE DEVELOPMENT PLAN  
FOR  
GALLON MEASURE

LOCATION:  
3106 ALBANY POST ROAD  
VILLAGE OF BUCHANAN (TOWN OF CORTLANDT), NY

SHEET 3 OF 6 SP-2.1

**NOTES**

1. THE IIN INSPECTO O IE ENINEE EIE ITION ESION CONTO ESES IF EEE PROPRITE TO ITITE NFOESEN SITITION N ESION OF ISTE SODS

2. CTFI TEI SH NOT E I POTE TO O POTE FO THE SITE

3. SIT IES OF THE SITE IPOENTS SH E SITTE TO THE IIN INSPECTO FO EIE PIO TO OTININ CETIFICE OF OCCPNCE

PARKING REQUIREMENTS			
ITEM	MIN. REQUIREMENT	QUANTITY	# OF SPACES REQUIRED
AUTO REPAIR SHOP	2 / BAY	5 BAYS	10
AUTO REPAIR SHOP	1 / EMPLOYEE	4 EMPLOYEES	4
TOTAL # OF SPACES REQUIRED =			14
TOTAL # OF SPACES PROVIDED =			16*

\* TOTAL # OF SPACES INCLUDES 5 SPACES INSIDE BUILDING, 11 SPACES OUTSIDE

ZONING DATA - ZONE C-2									
GENERAL COMMERCIAL DISTRICT									
LOT DESCRIPTION	MIN LOT AREA (SF)	MIN LOT WIDTH (FT)	MIN LOT FRONTAGE AT STREET LINE (FT)	MIN LOT DEPTH (FT)	MIN FRONT YARD (FT)	MIN SIDE YARD / BOTH YARDS (FT)	REAR YARD (FT)	MAX BLDG HEIGHT (STORIES / FEET)	MAX LOT COVERAGE (%)
REQUIREMENT	20,000	100	100	100	30	5 / 20	30	2 1/2 / 35	75
EXISTING (AL PREVIOUSLY EXISTING)	16,293*	66*	59.56*	203	25*	0' / 30.8	99.0	1' / <35	48
PROPOSED	NC	NC	NC	NC	102.2	10 / 21	30.1	2' / <35	75

\* PRE-EXISTING NON-CONFORMING  
NC = NO CHANGE FROM EXISTING



SITE SPECIFIC NOTES

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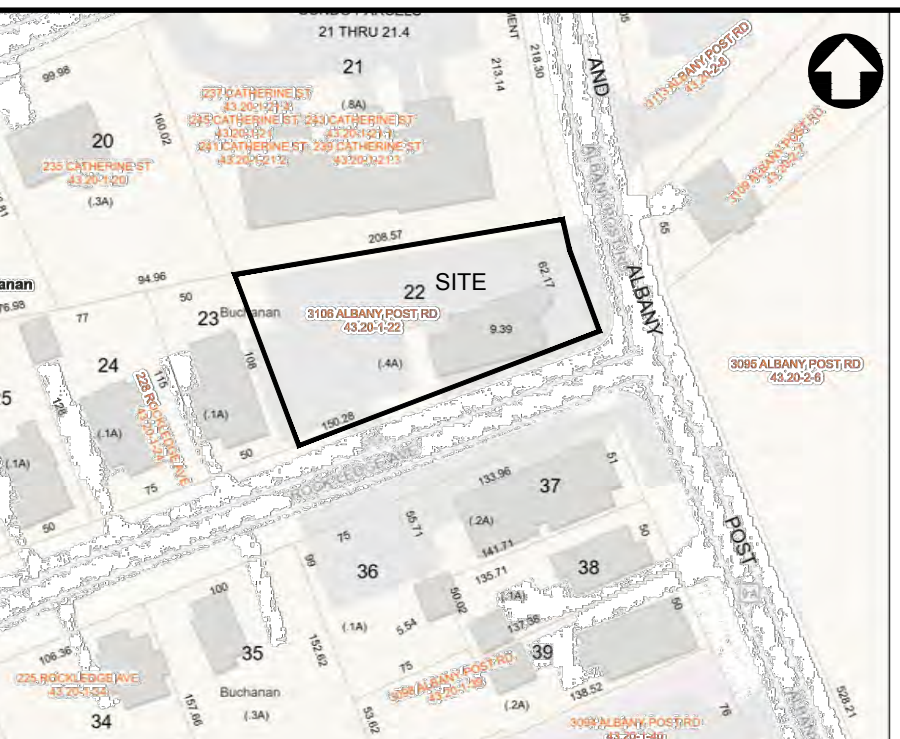
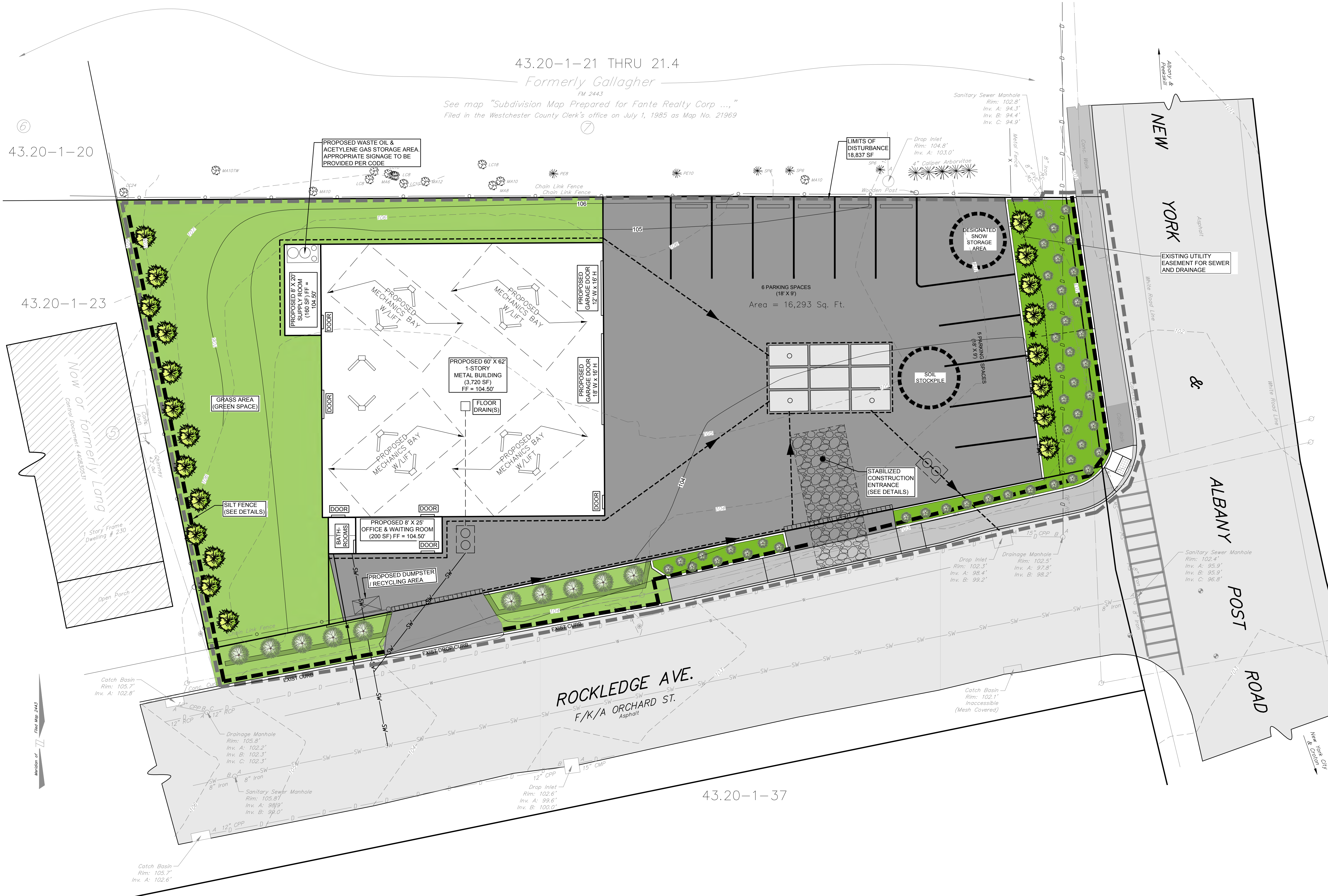
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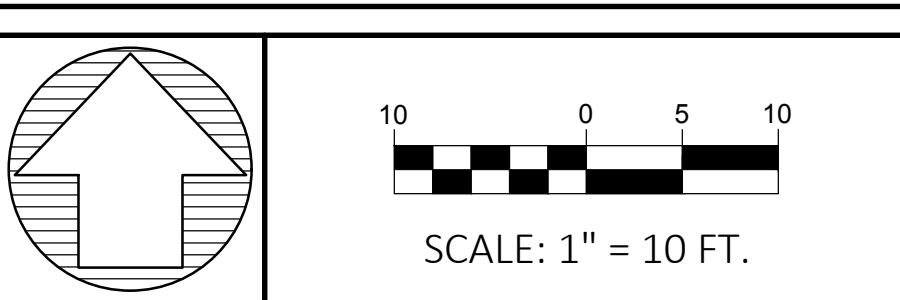
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NOTE

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LOCATION MAP SCALE: 1" = 150'



OWNER/APPLICANT

GALLON MEASURE  
3106 ALBANY POST ROAD  
BUCHANAN, NY 10511

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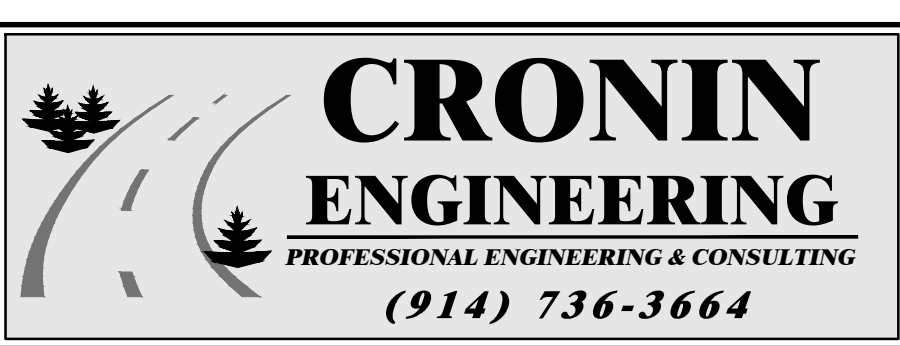
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PATRICK M. BELL, PE  
LICENSE #087679



39 Arlo Lane  
Cortlandt Manor, New York 10567

EROSION & SEDIMENT  
CONTROL PLAN

SITE DEVELOPMENT PLAN  
FOR  
GALLON MEASURE

LOCATION:  
3106 ALBANY POST ROAD  
VILLAGE OF BUCHANAN (TOWN OF CORTLANDT), NY

SHEET 4 OF 6 SP-2.2



## EROSION AND SEDIMENT CONTROL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL SEDIMENT AND EROSION CONTROL PRACTICES. THE SEDIMENT AND EROSION CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCES, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. TIMELY MAINTENANCE OF SEDIMENT CONTROL STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL STRUCTURES SHALL BE MAINTAINED IN GOOD WORKING ORDER AT ALL TIMES. THE SEDIMENT LEVEL IN ALL SEDIMENT TRAPS SHALL BE CLOSELY MONITORED AND SEDIMENT REMOVED PROMPTLY WHEN MAXIMUM LEVELS ARE REACHED OR AS ORDERED BY THE ENGINEER. ALL SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED WEEKLY, PRIOR TO EXPECTED RAIN EVENTS, AND AFTER EACH HEAVY RAIN TO ENSURE PROPER OPERATION AS DESIGNED. AN INSPECTION SCHEDULE SHALL BE SET FORTH PRIOR TO THE START OF CONSTRUCTION.
3. THE LOCATIONS AND THE INSTALLATION TIMES OF THE SEDIMENT CAPTURING STANDARDS SHALL BE AS ORDERED BY THE ENGINEER, AND IN ACCORDANCE WITH ACCEPTED STANDARDS.
4. ALL TOPSOIL NOT TO BE USED FOR FINAL GRADING SHALL BE REMOVED FROM THE SITE IMMEDIATELY AND PLACED IN A STABILIZED STOCKPILE OR FILL AREA. ALL TOPSOIL REQUIRED FOR FINAL GRADING AND STORED ON SITE SHALL BE LIMED, FERTILIZED, TEMPORARILY SEEDED AND MULCHED WITHIN 14 DAYS.
5. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 21 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL IMMEDIATELY RECEIVE TEMPORARY SEEDING. MULCH SHALL BE USED IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER. DISTURBED AREAS SHALL BE LIMED AND FERTILIZED PRIOR TO TEMPORARY SEEDING.
6. ALL DISTURBED AREAS WITHIN 500 FEET OF AN INHABITED DWELLING SHALL BE WETTED AS NECESSARY TO PROVIDE DUST CONTROL.
7. THE CONTRACTOR SHALL KEEP THE ROADWAYS WITHIN THE PROJECT CLEAR OF SOIL AND DEBRIS AND IS RESPONSIBLE FOR ANY STREET CLEANING NECESSARY DURING THE COURSE OF THE PROJECT.
8. SEDIMENT AND EROSION CONTROL STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED BY PERMANENT MEASURES.
9. SOIL SEEDING AND FERTILIZER AMENDMENTS SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF "NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL".
10. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT EDITION OF "NEW YORK GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL".

## ENGINEERS NOTES TO OWNER / CONTRACTOR

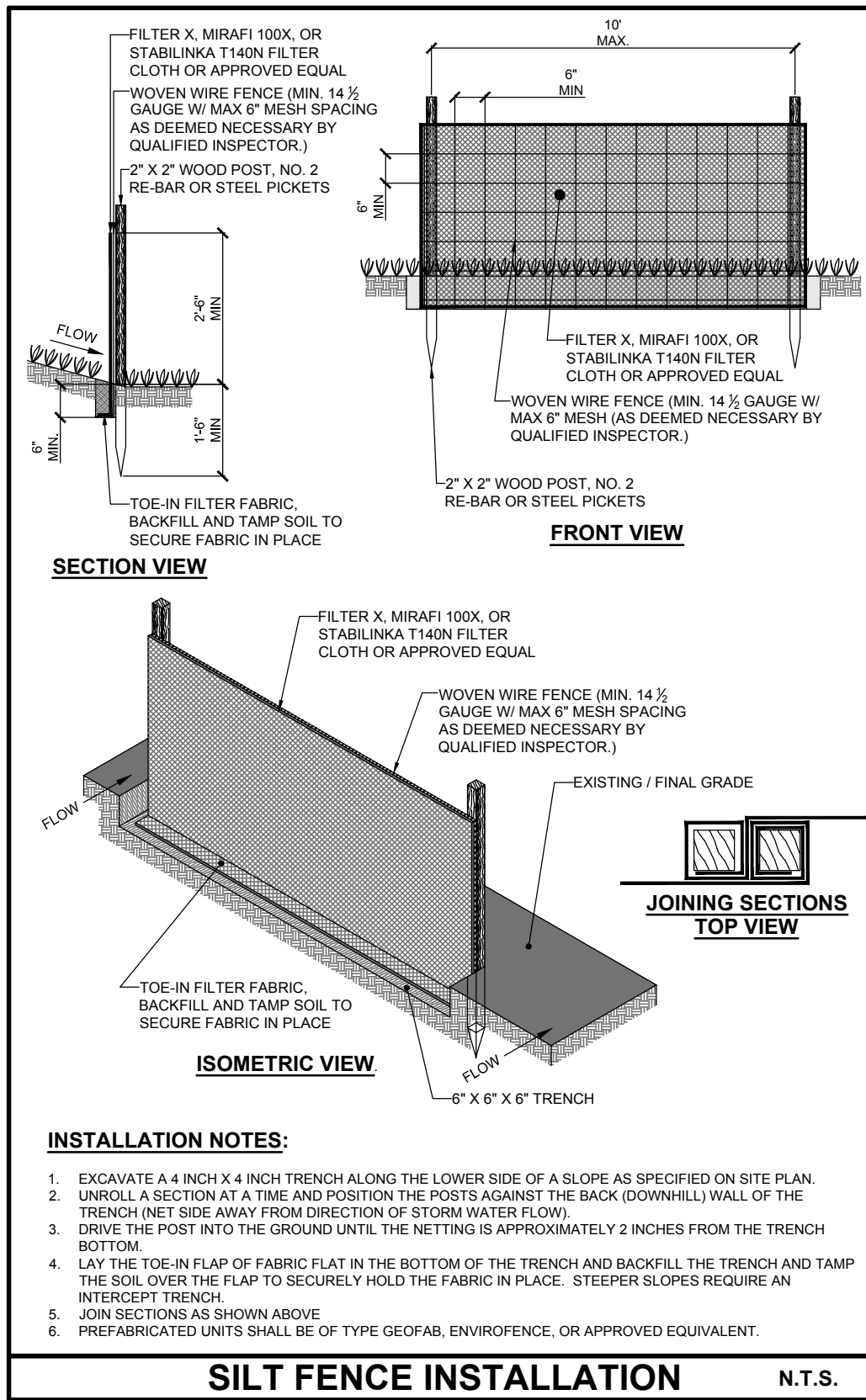
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2. A PRE-CONSTRUCTION SITE INSPECTION WITH CRONIN ENGINEERING, P.E., P.C. IS REQUIRED BY THE OWNER AND CONTRACTOR PRESENT TO CONFIRM THE CONSTRUCTION PROCEDURE.
3. THERE SHALL BE NO MODIFICATION TO ANY ASPECT OF THIS PLAN WITHOUT FIRST CONTACTING CRONIN ENGINEERING, P.E., P.C. FOR APPROVAL.
4. PRIOR TO ANY EXCAVATION, THE OWNER AND/OR CONTRACTOR SHALL CALL THE UNDERGROUND LINE LOCATION SERVICE (CODE 53) AT (800)-962-7962. FOR MORE INFORMATION, VISIT WWW.DIGSAFELYNEWYORK.COM.
5. EROSION & SEDIMENT CONTROL MEASURES AS SHOWN IN THIS PLAN SET SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY SITE WORK. IF UNFORESEEN FIELD CONDITIONS ARE ENCOUNTERED WHICH PROHIBIT THE INSTALLATION OF CERTAIN EROSION & SEDIMENT CONTROL MEASURES AS SHOWN, IT SHALL BE THE OWNER AND/OR CONTRACTOR'S RESPONSIBILITY TO CONTACT CRONIN ENGINEERING, P.E., P.C. IMMEDIATELY TO DISCUSS ALTERNATIVE METHODS. IT SHALL BE THE OWNER AND/OR CONTRACTOR'S RESPONSIBILITY TO ENSURE THE INTEGRITY OF ALL EROSION & SEDIMENT CONTROL MEASURES AT ALL TIMES THROUGHOUT THE DURATION OF THE PROJECT.
6. CRONIN ENGINEERING, P.E., P.C. MAKES NO REPRESENTATIONS OR CERTIFICATIONS AS TO THE INTEGRITY, LOCATION OR EXISTENCE OF SUBSURFACE STRUCTURES OR SOIL CONDITIONS WITH RESPECT TO STABILITY AND SUITABILITY FOR THE INTENDED PURPOSE. IT IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO VERIFY ALL SUBSURFACE CONDITIONS AND ENSURE THAT ALL IMPROVEMENTS ARE PLACED ON MATERIAL WITH A SUITABLE BEARING CAPACITY.
7. CRONIN ENGINEERING, P.E., P.C. MAKES NO REPRESENTATION OR CERTIFICATIONS AS TO THE QUANTITY OF MATERIAL NEEDED OR TO BE REMOVED FOR THE SUCCESSFUL CONSTRUCTION OF THE PROJECT. IT IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO VERIFY THE QUANTITY OF MATERIAL NEEDED OR TO BE REMOVED TO SUCCESSFULLY CONSTRUCT THE PROJECT.
8. IN THE EVENT THAT FIELD CONDITIONS ARE DIFFERENT THAN WHAT IS PRESENTED IN THIS PLAN SET, IT IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO NOTIFY CRONIN ENGINEERING, P.E., P.C. PRIOR TO CONTINUING WITH ANY FURTHER SITE WORK.
9. IF UNFORESEEN SUBSURFACE CONDITIONS ARE ENCOUNTERED (I.E. ROCK, GROUNDWATER, ETC.), THE OWNER AND/OR CONTRACTOR SHALL STOP WORK AND NOTIFY CRONIN ENGINEERING, P.E., P.C. ALL NECESSARY MODIFICATIONS OR CHANGES SHALL BE DISCUSSED WITH AND APPROVED BY CRONIN ENGINEERING, P.E., P.C. PRIOR TO CONTINUING WITH ANY FURTHER SITE WORK. FURTHERMORE, THE OWNER AND/OR CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS IF BLASTING IS REQUIRED.
10. IT IS THE OWNER AND/OR CONTRACTOR'S SOLE RESPONSIBILITY TO FOLLOW OSHA, NYS AND ANY OTHER APPLICABLE CODES OR REQUIREMENTS THROUGHOUT THE DURATION OF THE PROJECT. THIS INCLUDES BUT IS NOT LIMITED TO PROVIDING ADEQUATE BRACING AND GUARANTEEING THE STABILITY OF EXCAVATIONS AND OTHER VICINITY STRUCTURES.
11. CRONIN ENGINEERING, P.E., P.C. MAKES NO REPRESENTATION AS TO THE QUALITY (I.E. CONTAMINATION), IF ANY, OF THE SOILS ON THIS SITE. THE OWNER AND/OR CONTRACTOR ARE RESPONSIBLE TO CONDUCT ANY AND ALL TESTING AS MAY BE REQUIRED TO ENSURE THE SITE HAS NO CONTAMINATED SOILS.
12. CRONIN ENGINEERING, P.E., P.C. MAKES NO REPRESENTATION AS TO THE SOIL BEARING CAPACITY OF THE SOILS ON SITE. THE OWNER AND/OR ARCHITECT ARE RESPONSIBLE TO CONDUCT ANY AND ALL TESTING AS MAY BE REQUIRED TO ENSURE THE CONSTRUCTION OF THE FOUNDATION MEETS THE REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE AND THE BUILDING CODE OF THE VILLAGE OF BUCHANAN. FOUNDATION DESIGN IS NOT PROVIDED BY THIS OFFICE AND IS THE RESPONSIBILITY OF THE OWNER/ARCHITECT/BUILDER.
13. THE OWNER/BUILDER/ARCHITECT ARE RESPONSIBLE TO ENSURE THAT THE BUILDING FOUNDATION MEETS ALL VILLAGE CODES AND THE NEW YORK STATE RESIDENTIAL BUILDING CODE. IF UNSUITABLE MATERIAL IS ENCOUNTERED, THE OWNER SHALL MAKE PROVISIONS (I.E. DEEPER FOOTING, SPREAD FOOTING, GRADE BEAMS, PILES, ETC.) AS NECESSARY TO ENSURE A CODE COMPLIANT FOUNDATION TO THE SATISFACTION OF THE VILLAGE OF BUCHANAN BUILDING DEPARTMENT.

## CONSTRUCTION SEQUENCE

THE PROPOSED PROJECT CONSISTS OF THE REPLACEMENT OF AN EXISTING COMMERCIAL BUILDING AND MODIFICATIONS TO THE EXISTING SITE LAYOUT ON A 0.37 ACRE PARCEL IN THE COMMERCIAL (C-2) OVERLAY ZONING DISTRICT.

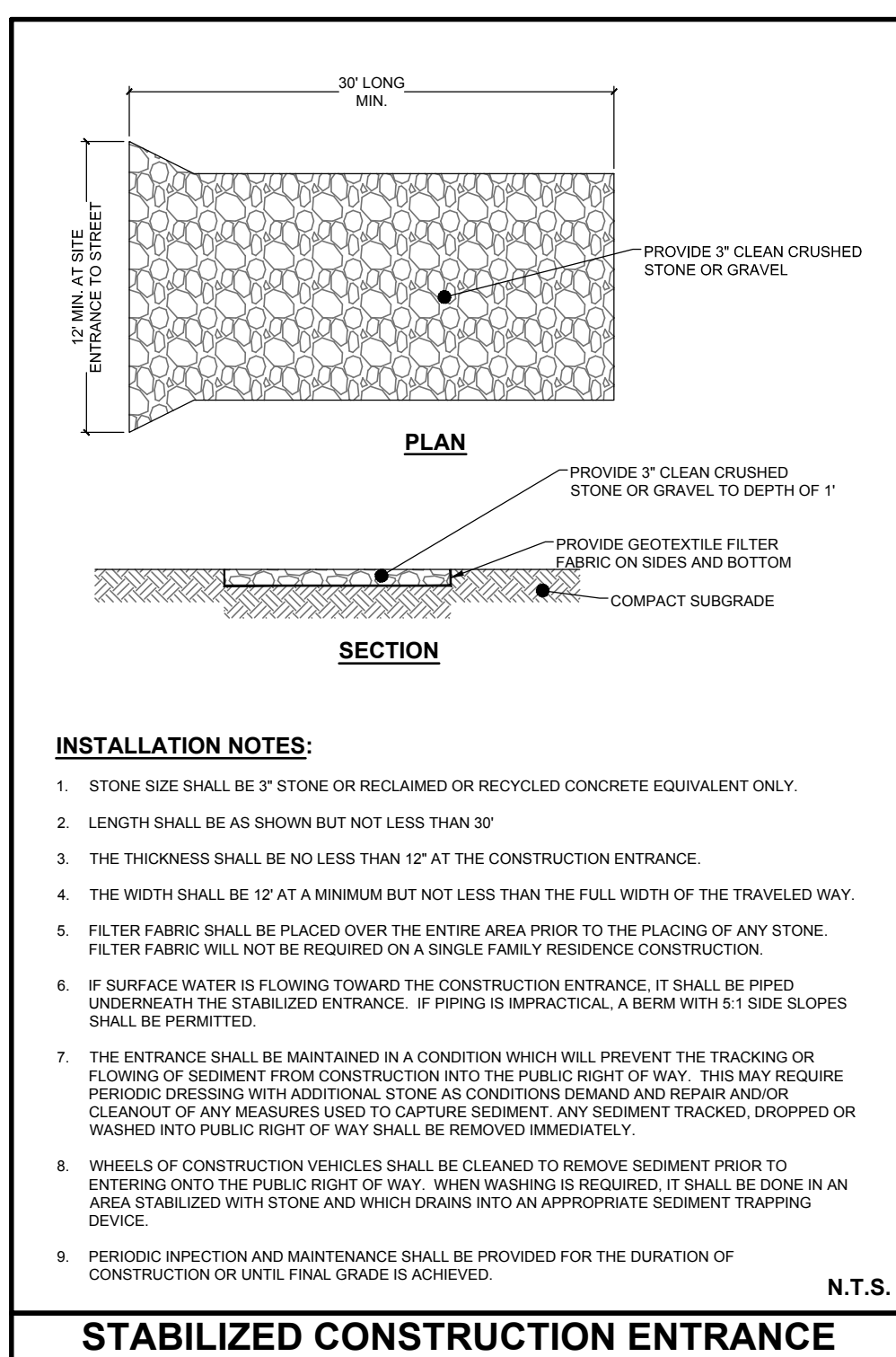
THE FOLLOWING IS THE ANTICIPATED SEQUENCE OF CONSTRUCTION

1. OBTAIN THE NECESSARY APPROVAL SIGNATURES ON THE SITE DEVELOPMENT PLANS FROM THE VILLAGE OF BUCHANAN.
2. CONDUCT A PRE-CONSTRUCTION MEETING AT THE SITE WITH REPRESENTATIVES FROM THE VILLAGE, THE SITE GENERAL CONTRACTOR AND THE OWNER.
3. FILE THE NECESSARY DOCUMENTS TO OBTAIN THE REQUIRED BUILDING PERMIT(S).
4. INSTALL THE NECESSARY SOIL EROSION AND SEDIMENT CONTROL PRACTICES.
5. PERFORM ANY REMOVALS AS REQUIRED PER THE SITE PLAN.
6. CONSTRUCT THE FOOTINGS AND FOUNDATIONS FOR THE PROPOSED BUILDING.
7. PROCEED WITH THE CONSTRUCTION OF THE BUILDING.
8. INSTALL NEW WATER SERVICE, SEWER SERVICE, CULTECS, AND OIL WATER SEPARATOR.
9. CONSTRUCT THE PROPOSED SIDEWALKS AND CURBS PER THE SITE PLAN.
10. PERFORM FINAL GRADING AROUND THE BUILDING.
11. FINALIZE BUILDING CONSTRUCTION.
12. THROUGHOUT THE PROCESS, SCHEDULE INSPECTIONS AS NECESSARY WITH THE VILLAGE OF BUCHANAN BUILDING DEPARTMENT.
13. INSTALL LANDSCAPE PLANTINGS.
14. PROVIDE PARKING MARKINGS PER APPROVED SITE PLAN.
15. FINALIZE AND STABILIZE ALL SITE CONSTRUCTION. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES.
16. APPLY FOR AND OBTAIN CERTIFICATE OF OCCUPANCY.



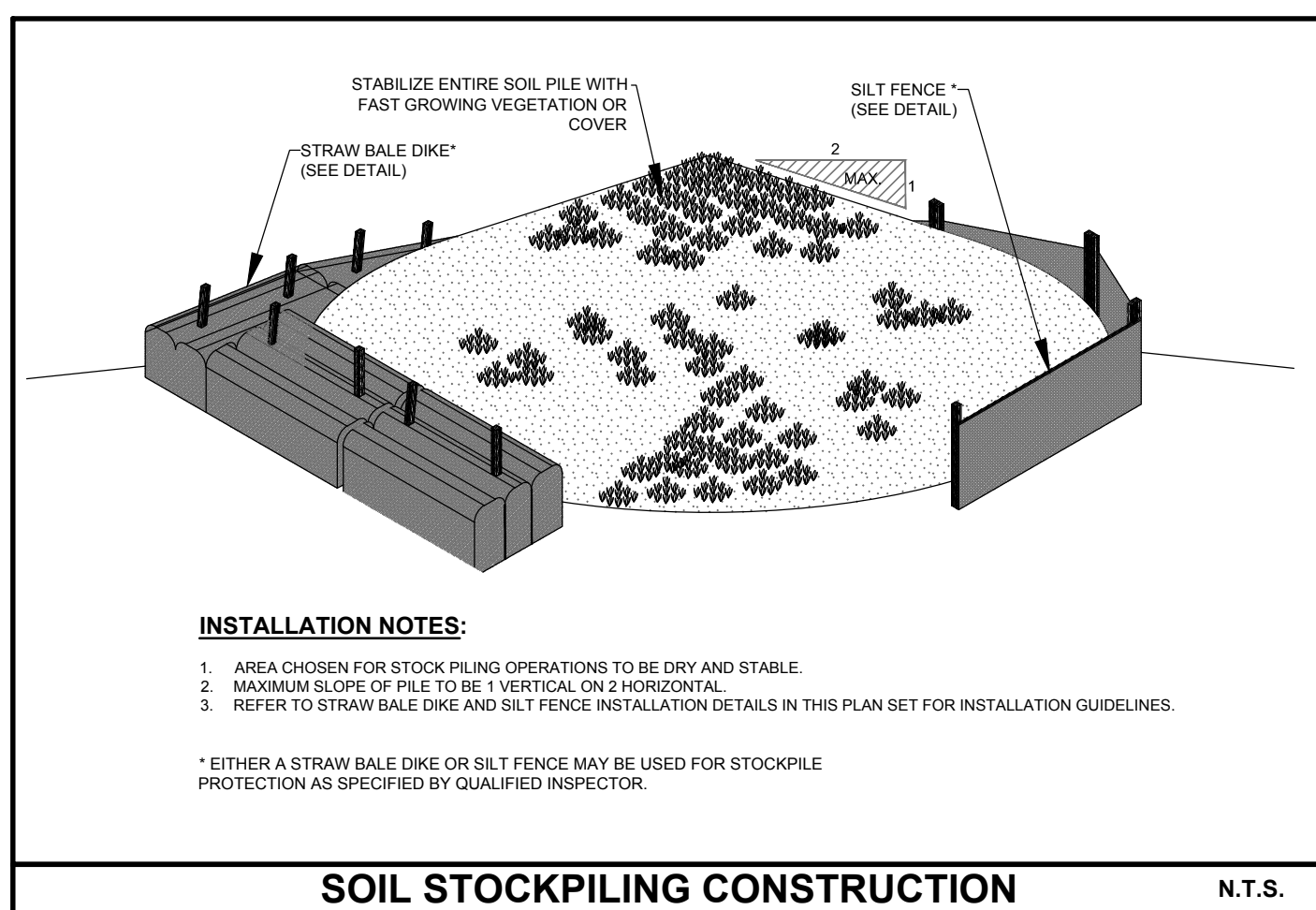
## SILT FENCE INSTALLATION

N.T.S.



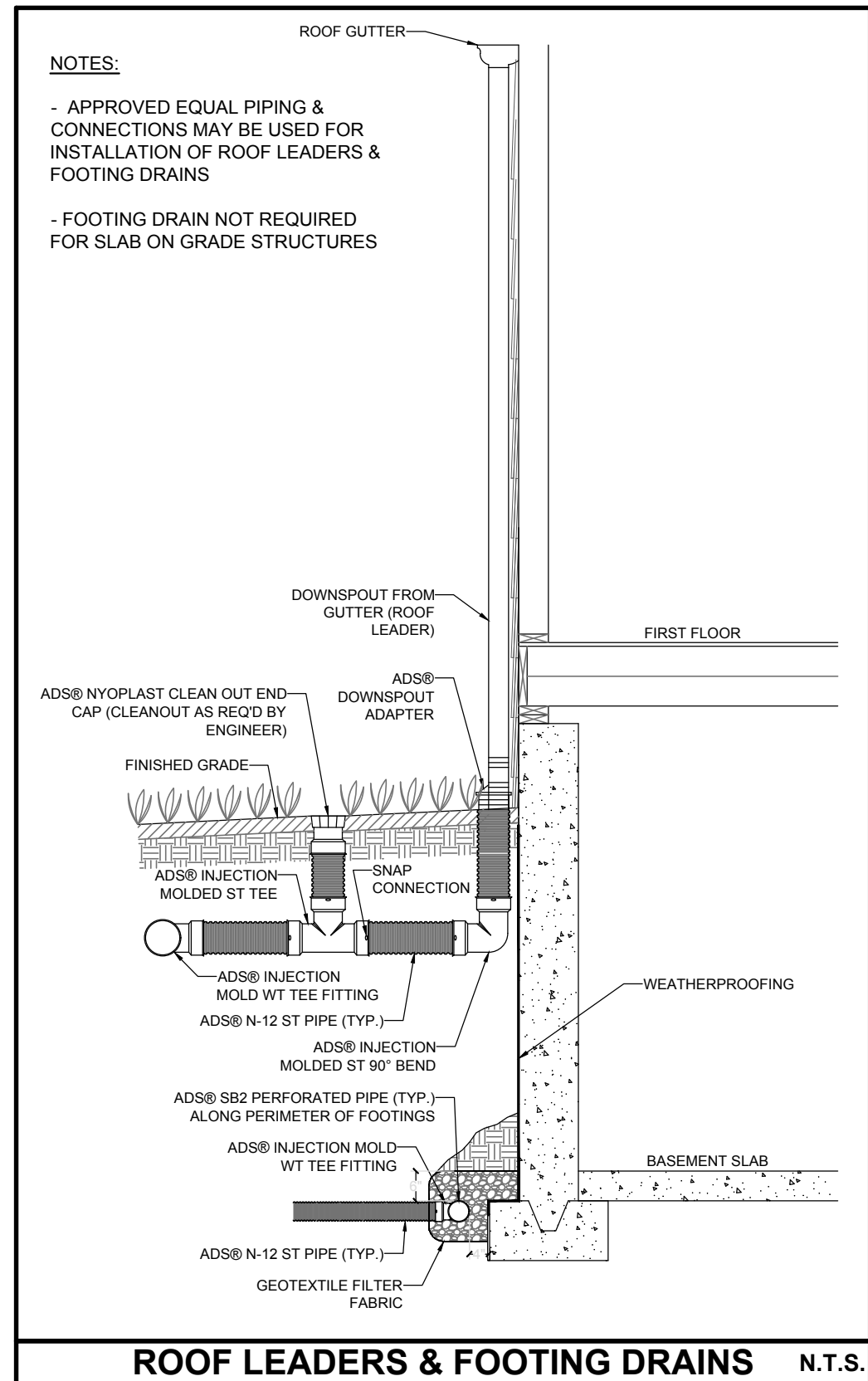
## STABILIZED CONSTRUCTION ENTRANCE

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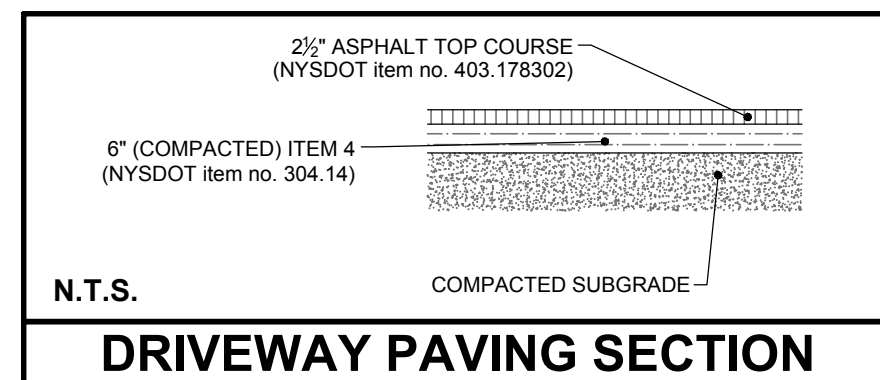
## SOIL STOCKPILING CONSTRUCTION

N.T.S.



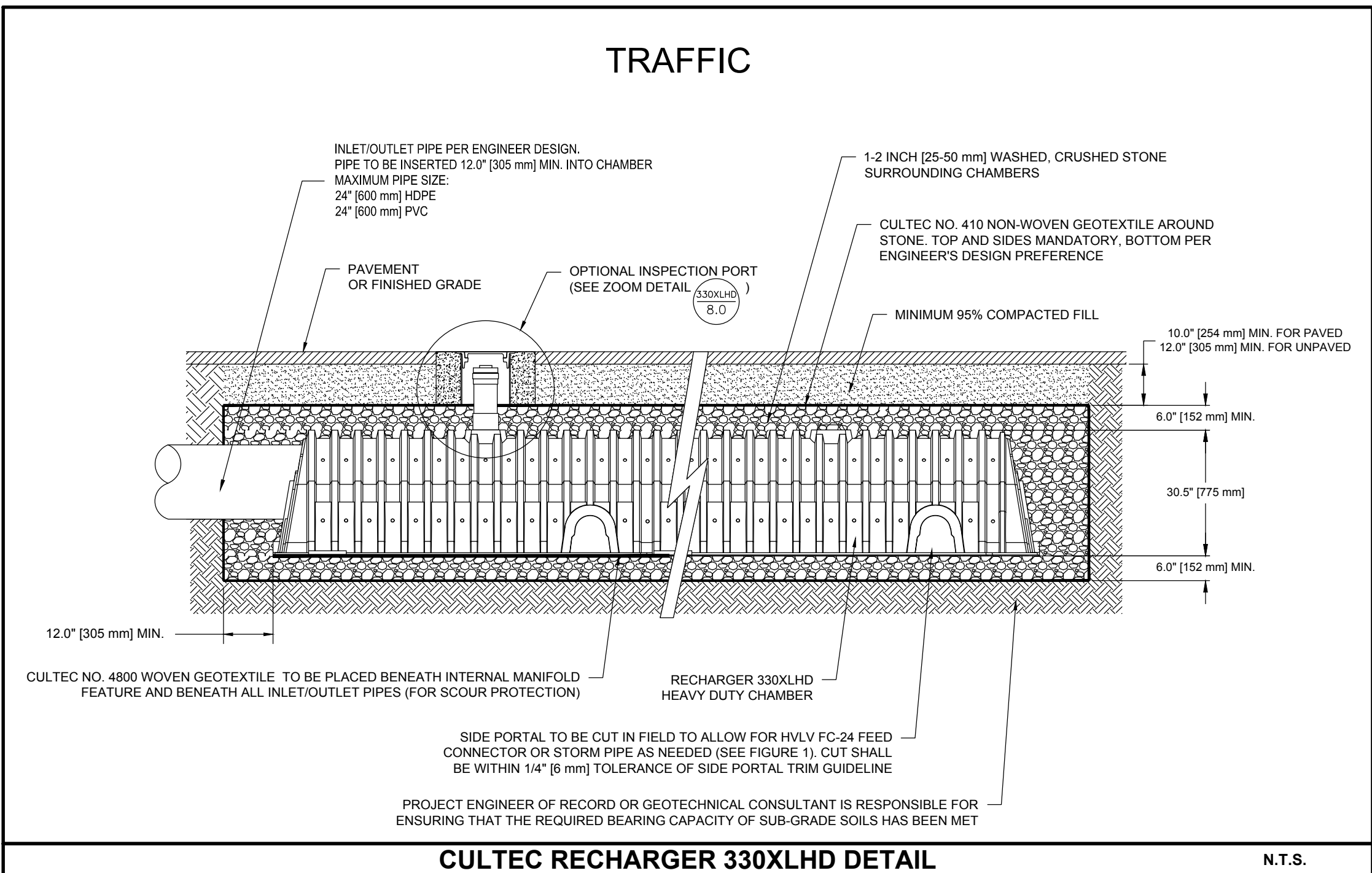
## ROOF LEADERS & FOOTING DRAINS

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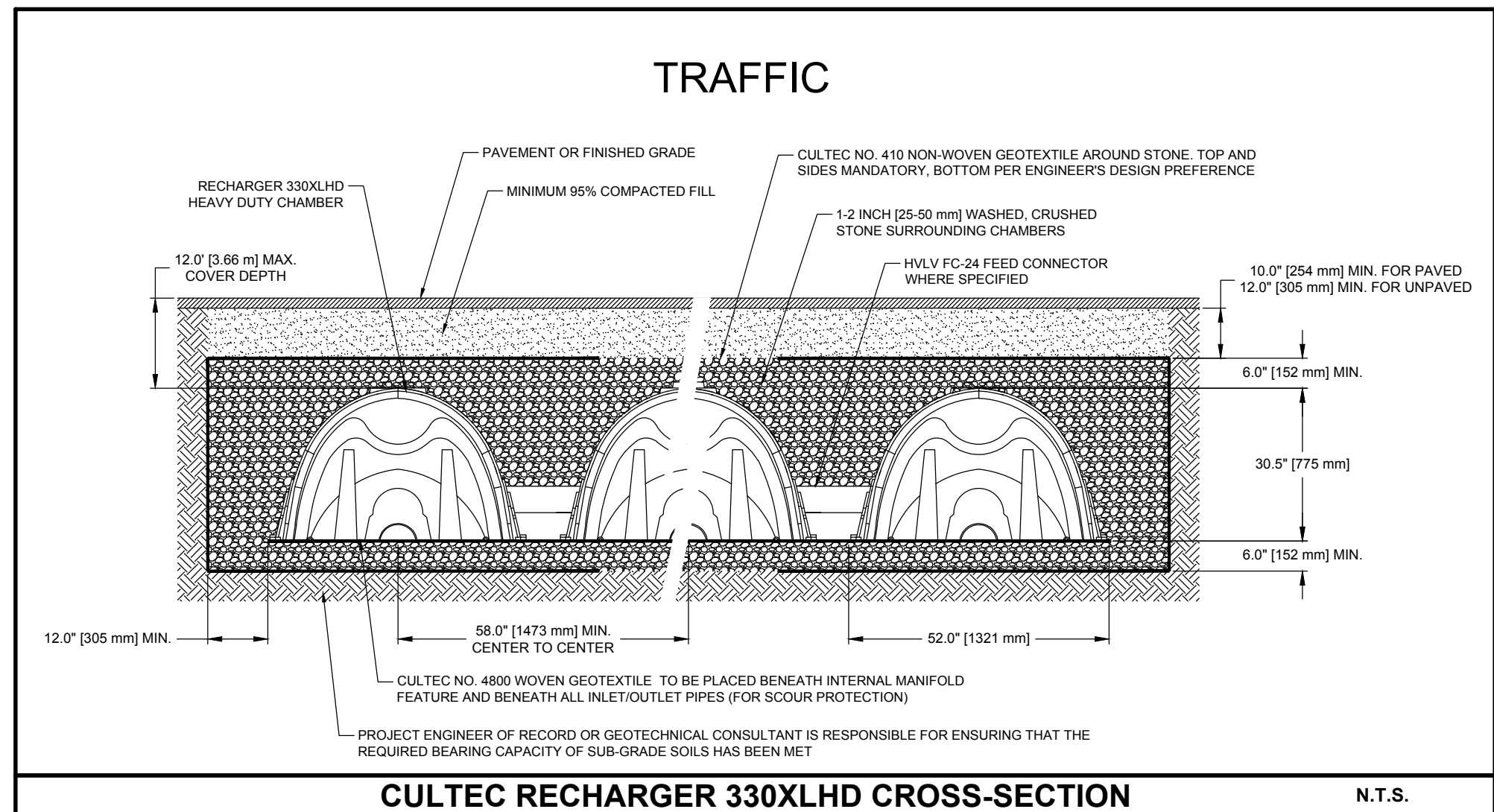
## DRIVEWAY PAVING SECTION

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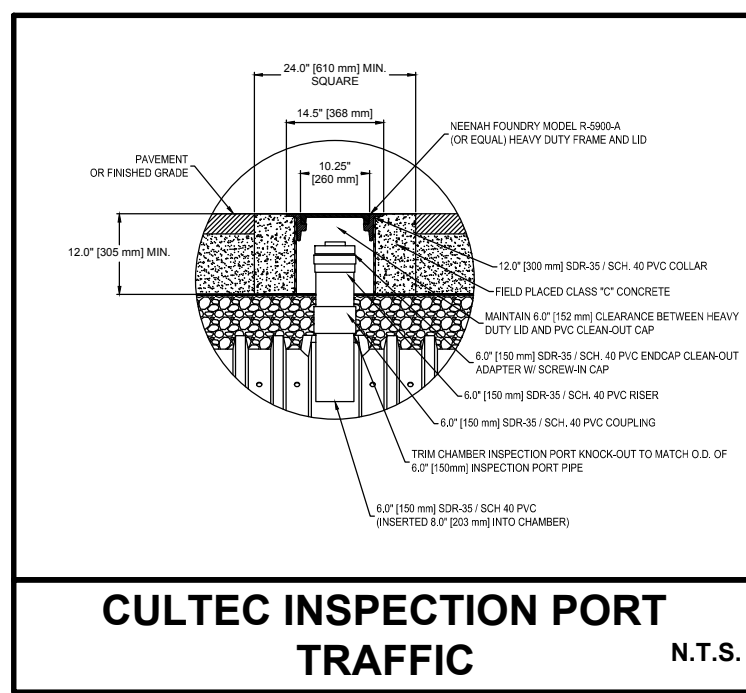
## CULTEC RECHARGER 330XLHD DETAIL

N.T.S.



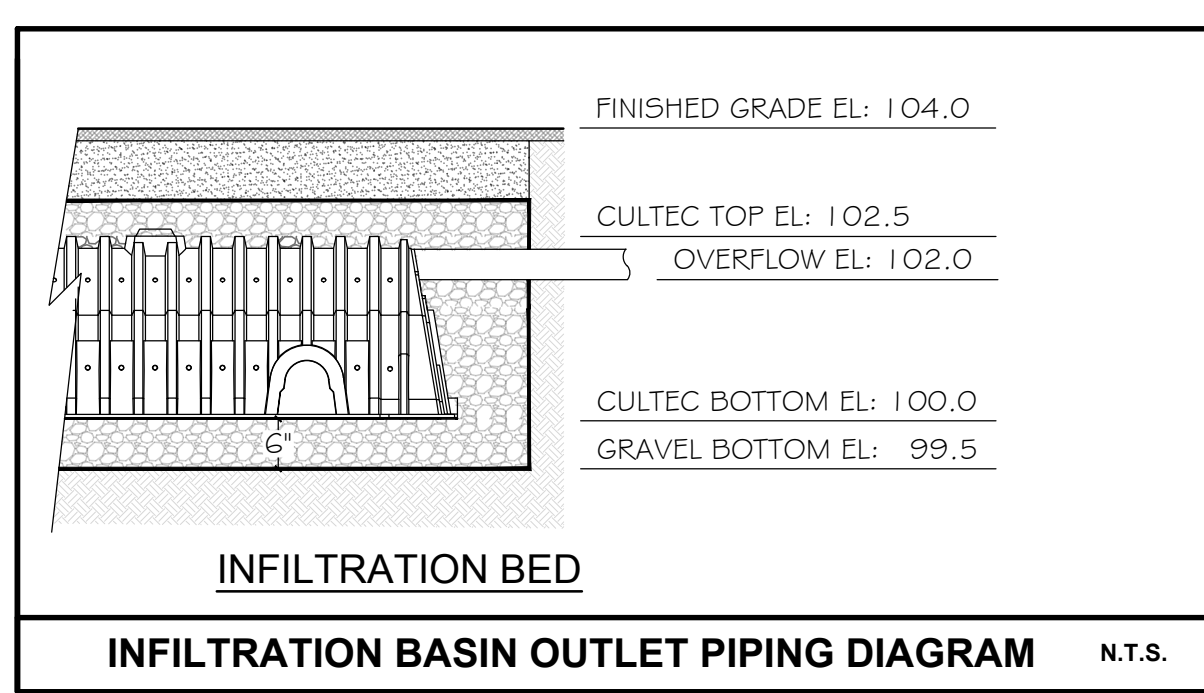
## CULTEC RECHARGER 330XLHD CROSS-SECTION

N.T.S.



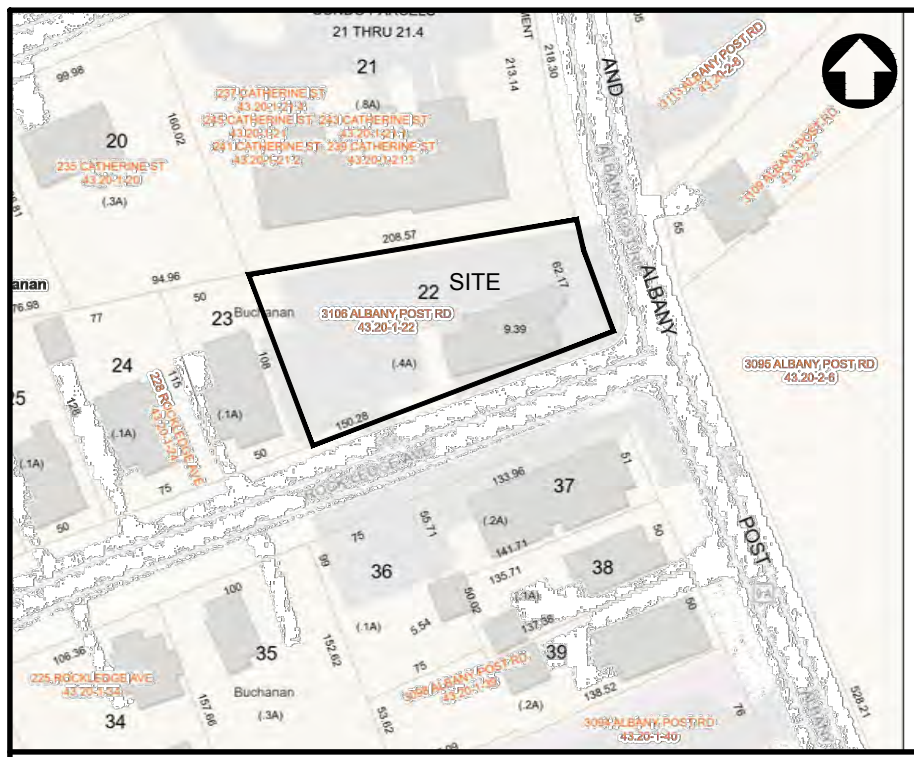
## CULTEC INSPECTION PORT TRAFFIC

N.T.S.



## INFILTRATION BASIN OUTLET PIPING DIAGRAM

N.T.S.



## LOCATION MAP

SCALE: 1" = 150'



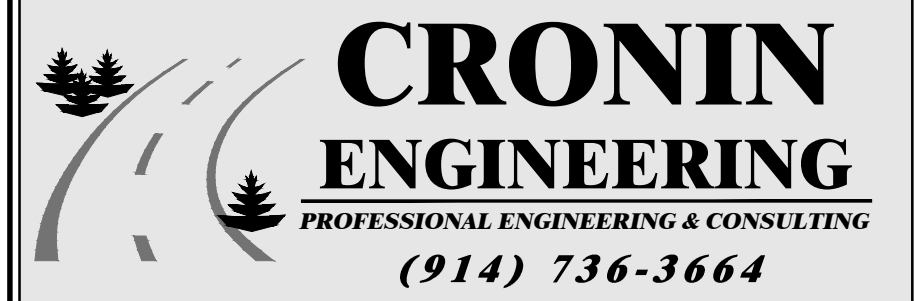
## OWNER/APPLICANT

GALLON MEASURE  
3106 ALBANY POST ROAD  
BUCHANAN, NY 10511

• UNDER NEW YORK STATE EDUCATIONAL LAW ARTICLE 145, SECTION 7209 (2), IT IS UNLAWFUL FOR ANY PERSON TO ALTER ANY ITEM ON THIS DRAWING, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IF ANY ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION. • COPYRIGHT "2025" BY CRONIN ENGINEERING, P.E., P.C. ALL RIGHTS RESERVED.

## REVISIONS

#	REASON	DATE
7		
6		
5		
4		
3		
2	ENGINEER COMMENTS DATED 11-19-2025	DECEMBER 09, 2025
1	ENGINEER COMMENTS DATED 10-16-2025	NOVEMBER 10, 2025
#	REASON	DATE
MUNICIPAL TAX IDENTIFICATION:		
SECTION:	43.20	
BLOCK:	1	
LOT:	22	
SUBLOT:	----	
DRAWN BY:	AD / KW	
CHECKED:	JA	
PROJECT:	ALBANY POST RD	
DATE:	OCTOBER 9, 2025	
JOB #:	251004	
PATRICK M. BELL, PE LICENSE #087679		



39 Arlo Lane  
Cortlandt Manor, New York 10567

## CONSTRUCTION DETAILS

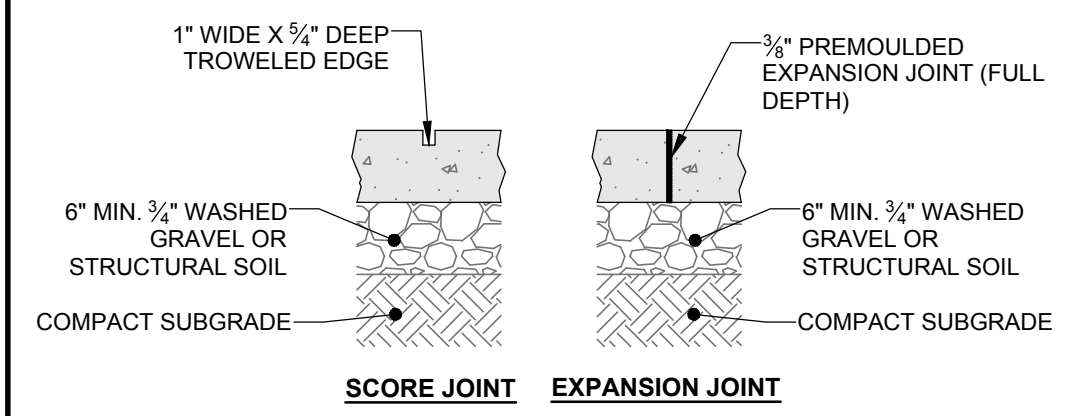
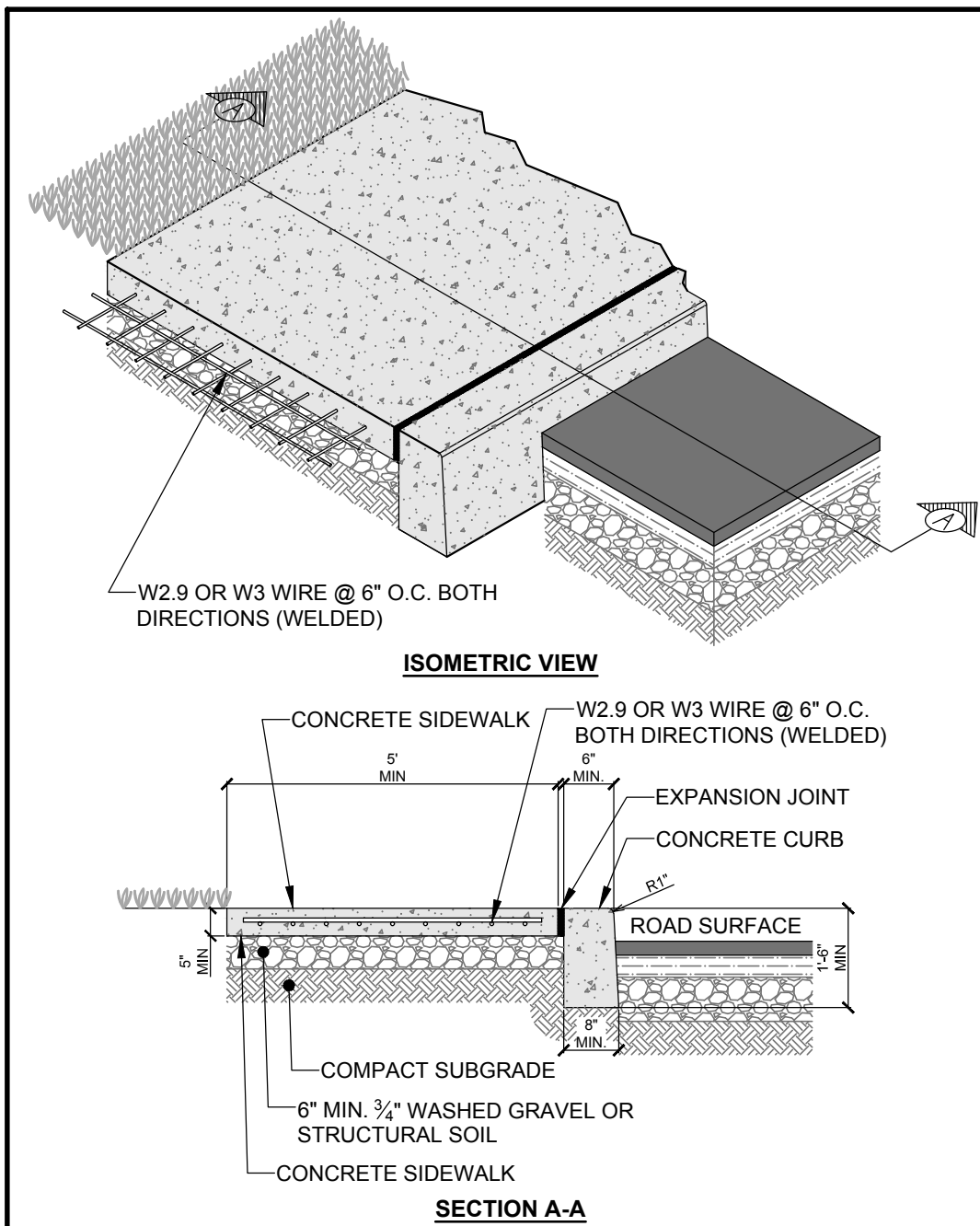
## SITE DEVELOPMENT PLAN FOR GALLON MEASURE

LOCATION:  
3106 ALBANY POST ROAD  
VILLAGE OF BUCHANAN (TOWN OF CORTLANDT), NY

SHEET 5 OF 6

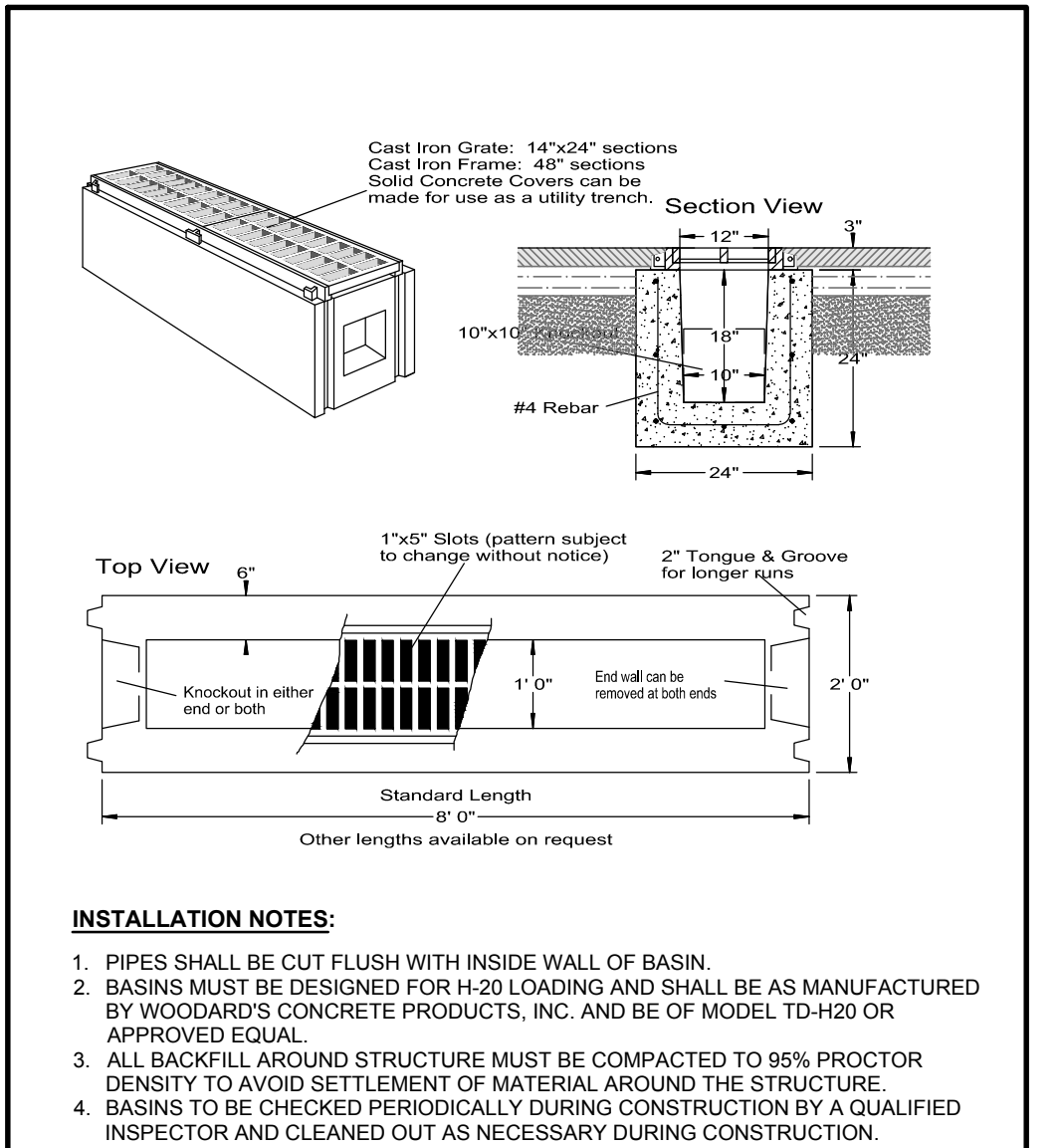
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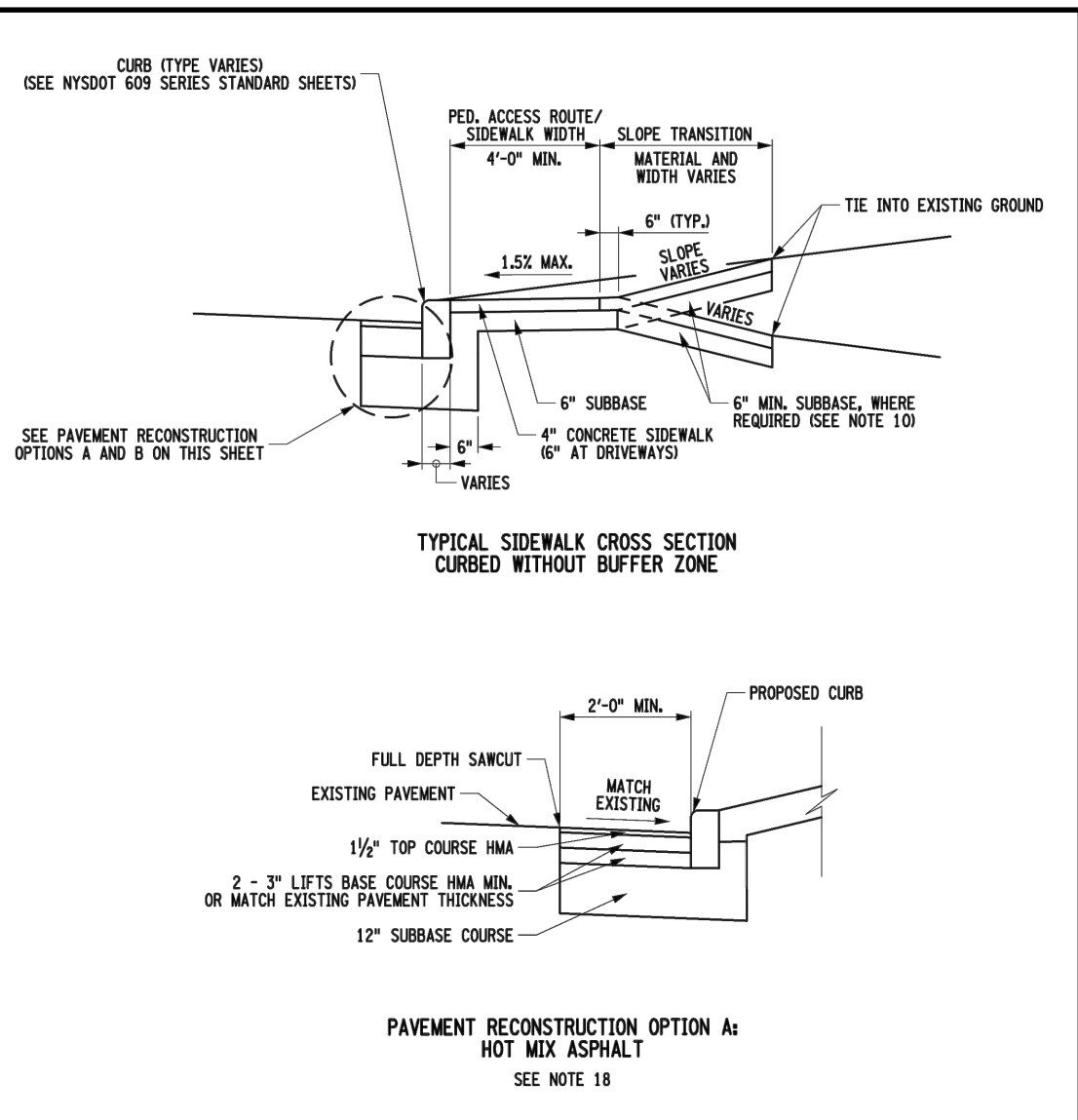


- CONSTRUCTION NOTES:**
- CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF SECTION 501 NYSDOT STANDARD SPECIFICATIONS CODE FOR TRANSPORTING, AND PLACING OF PORTLAND CEMENT CONCRETE.
  - CONCRETE TO BE PLACED IN ONE COURSE TO THE FULL DEPTH.
  - PROVIDE CONCRETE CLASS "A" AS PER NYSDOT SECTION 501-2.
  - CURING OF CONCRETE SHALL CONFORM SECTION 502 NYS CODE.
  - SIDEWALK TO BE PLACED ON 6" THICK BASE OF COMPACTED 3/4" GRAVEL OR STRUCTURAL SOIL AS SPECIFIED.
  - SIDEWALK SLAB SHALL HAVE A MINIMUM THICKNESS OF 5" AND 7" MIN. AT DRIVEWAY SECTIONS.
  - WIRE FABRIC TO BE W2.9 OR W3 WIRE AT 6" CENTERS TRANSVERSELY AND LONGITUDINALLY, AND SHALL BE EMBEDDED TO MID-DEPTH IN THE SLAB.
  - LONGITUDINAL JOINTS TO BE PLACED TO FULL DEPTH OF SLAB BETWEEN SIDEWALK AND CURB.
  - TRANSVERSE EXPANSION JOINTS SHALL BE PLACED TO THE FULL DEPTH OF SLAB AND BE SPACED 20 FEET APART. THE EDGES OF TRANSVERSE JOINTS TO BE FINISHED WITH AN EDGING TOOL HAVING A 1/4 INCH RADIUS.
  - ALL JOINTS SHALL BE PRE-MOLDED BITUMINOUS TYPE, 3/4" OR 1/2".
  - CONCRETE SURFACE TO BE SCORED AND TOoled AT INTERVALS OF 5 FEET.
  - THE CONCRETE SHALL BE FINISHED TO PRODUCE A SMOOTH SURFACE, THEN LIGHTLY BROOMED TO A UNIFORM TEXTURE, AND SHOULD BE SLIP RESISTANT.
  - CONTRACTOR TO PREVENT AGAINST ANY LOW SPOTS WHERE WATER CAN COLLECT AND ANY POSSIBLE REDIRECTION OF STORMWATER.
  - CONTRACTOR TO USE RESILIENT JOINT FILLER ACCORDING TO SECTION 705-07 NYS CODE AND INSTALL AT ALL JOINTS BETWEEN SIDEWALK, RAMPS, AND CURBS.
  - CONCRETE SIDEWALK TO RECEIVE (2) TWO COATS OF ANTI-SPALLING COMPOUND.

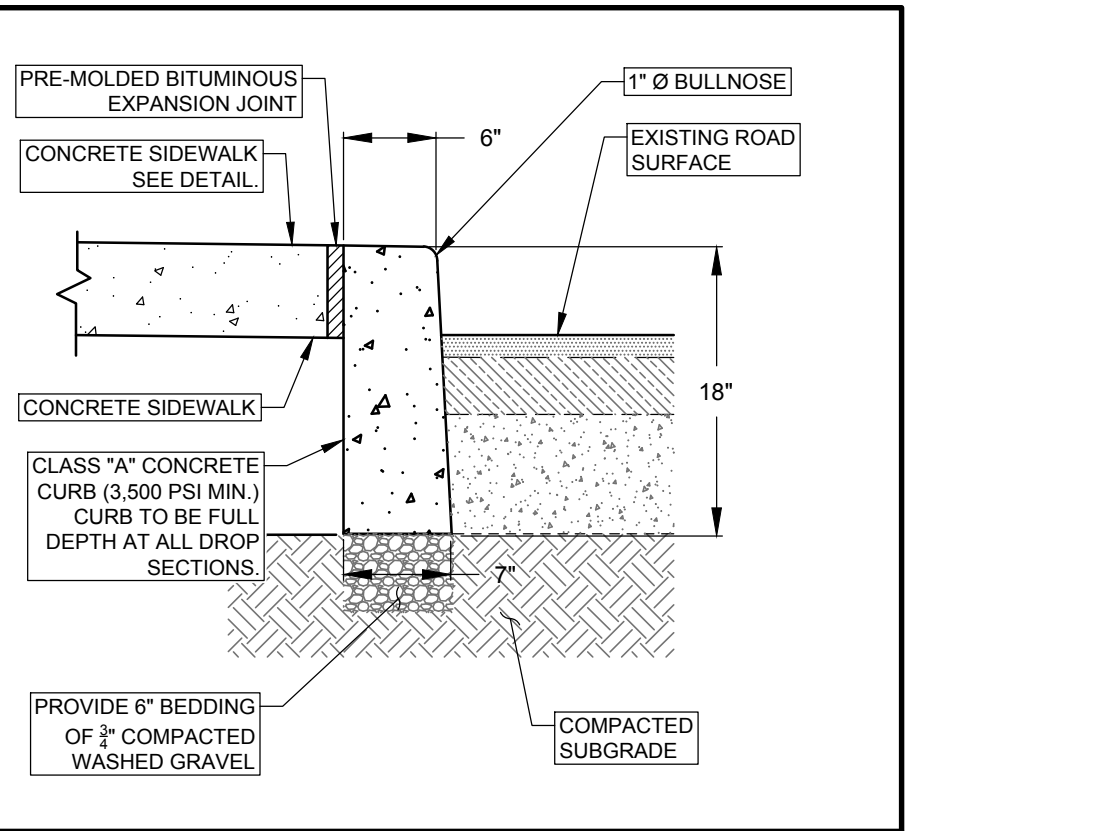
## CONCRETE SIDEWALK INSTALLATION N.T.S.



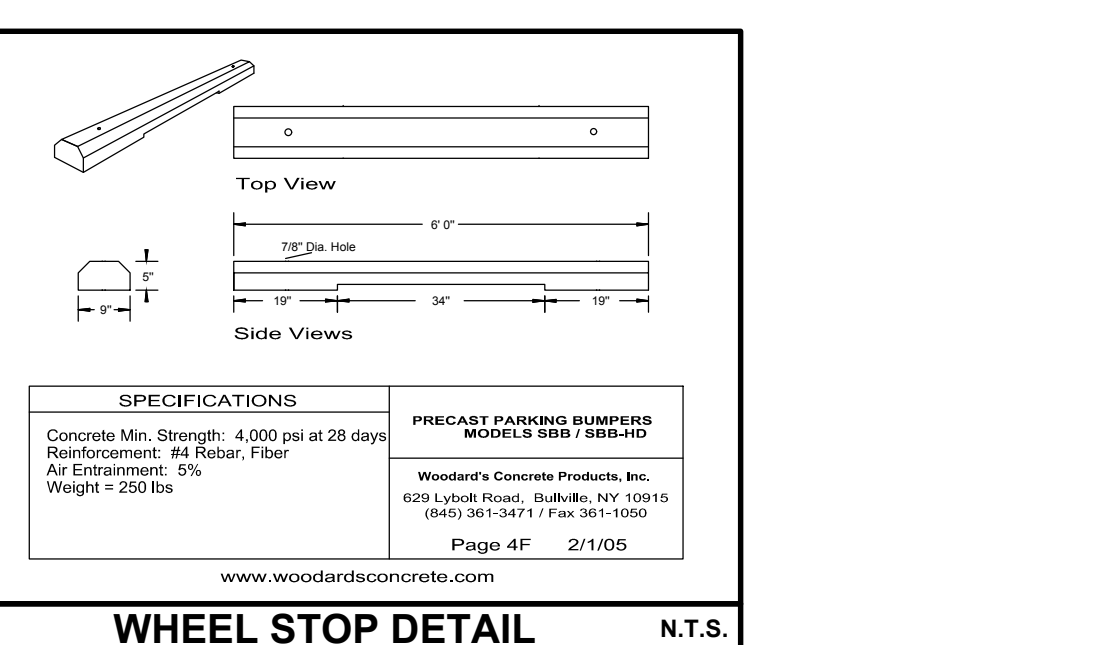
## TRENCH DRAIN INSTALLATION N.T.S.



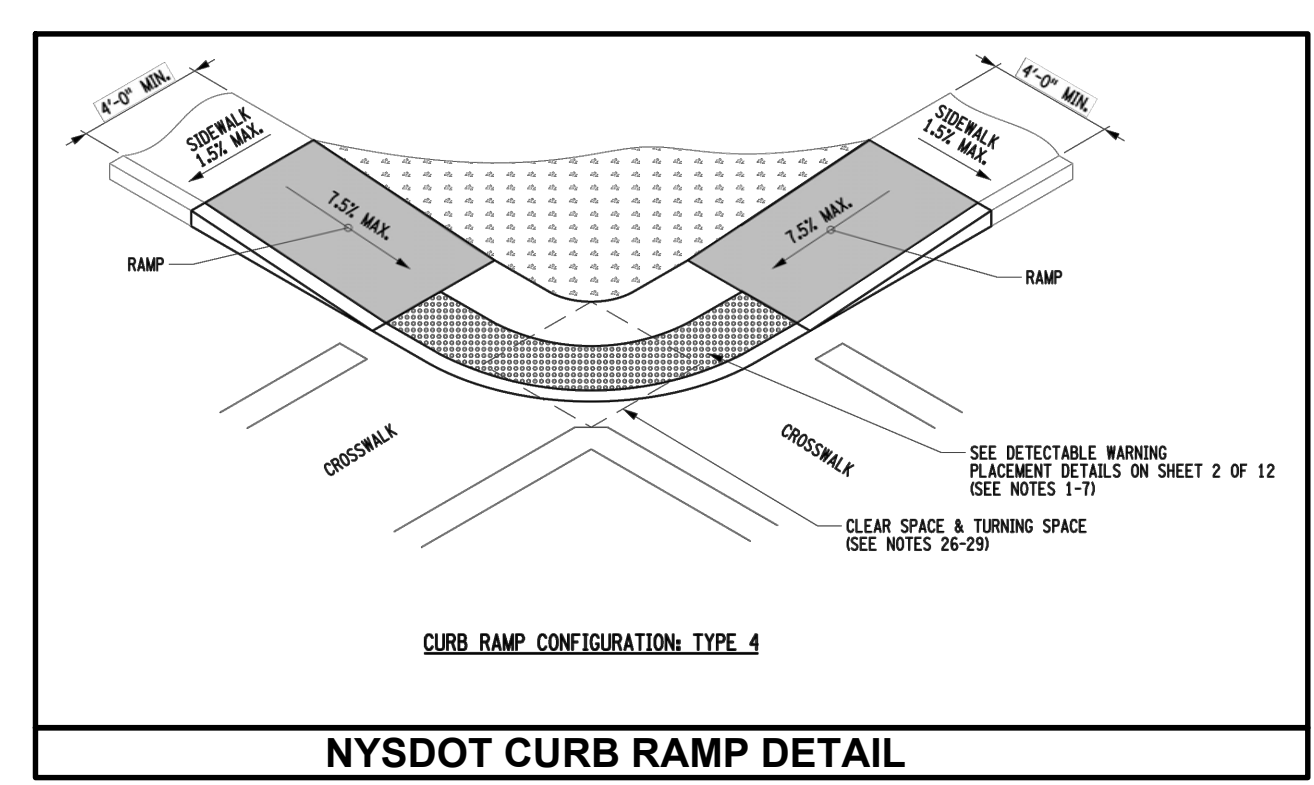
## NYSDOT SIDEWALK & CURB DETAIL



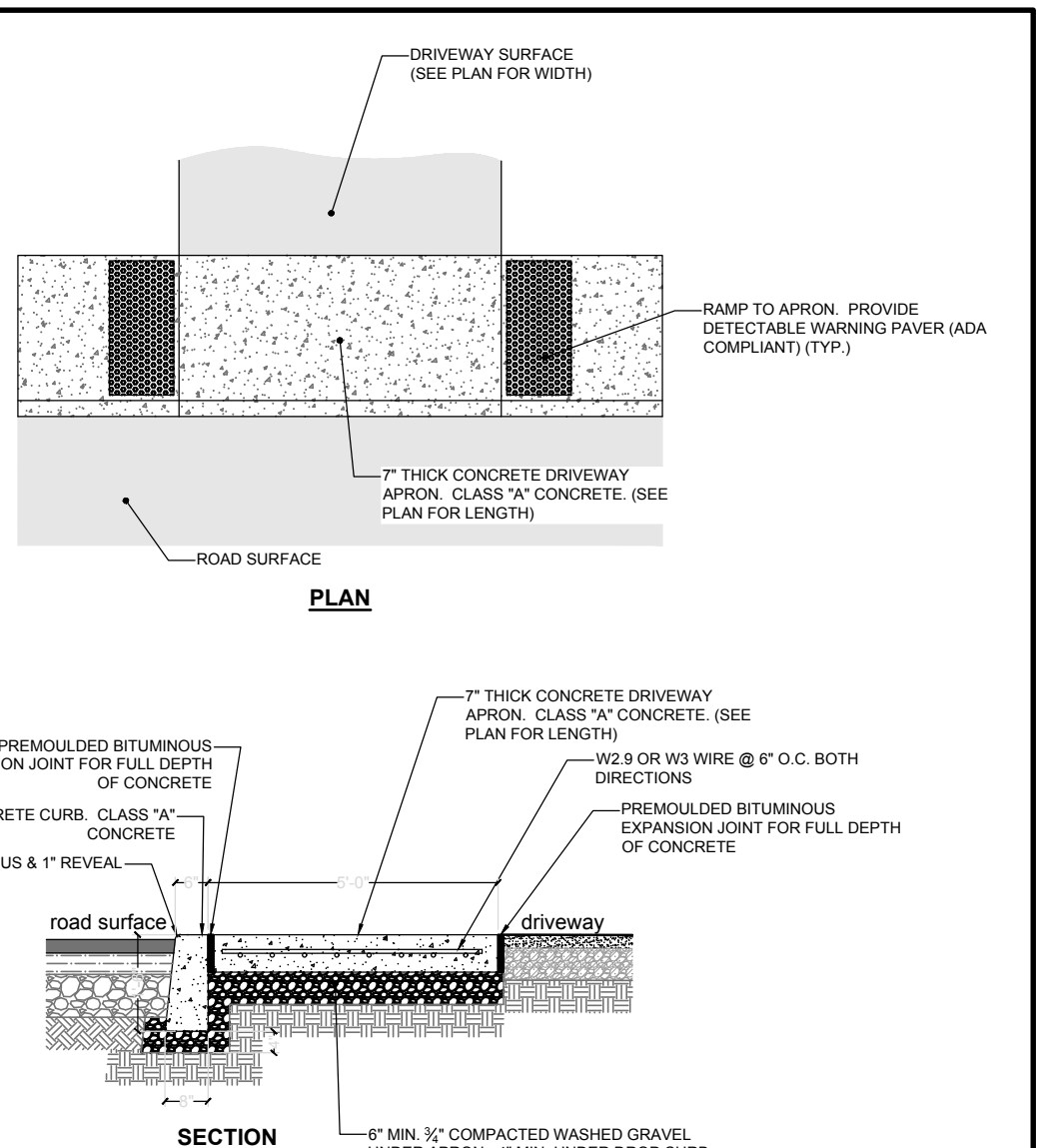
## CONCRETE CURB DETAIL N.T.S.



## WHEEL STOP DETAIL N.T.S.



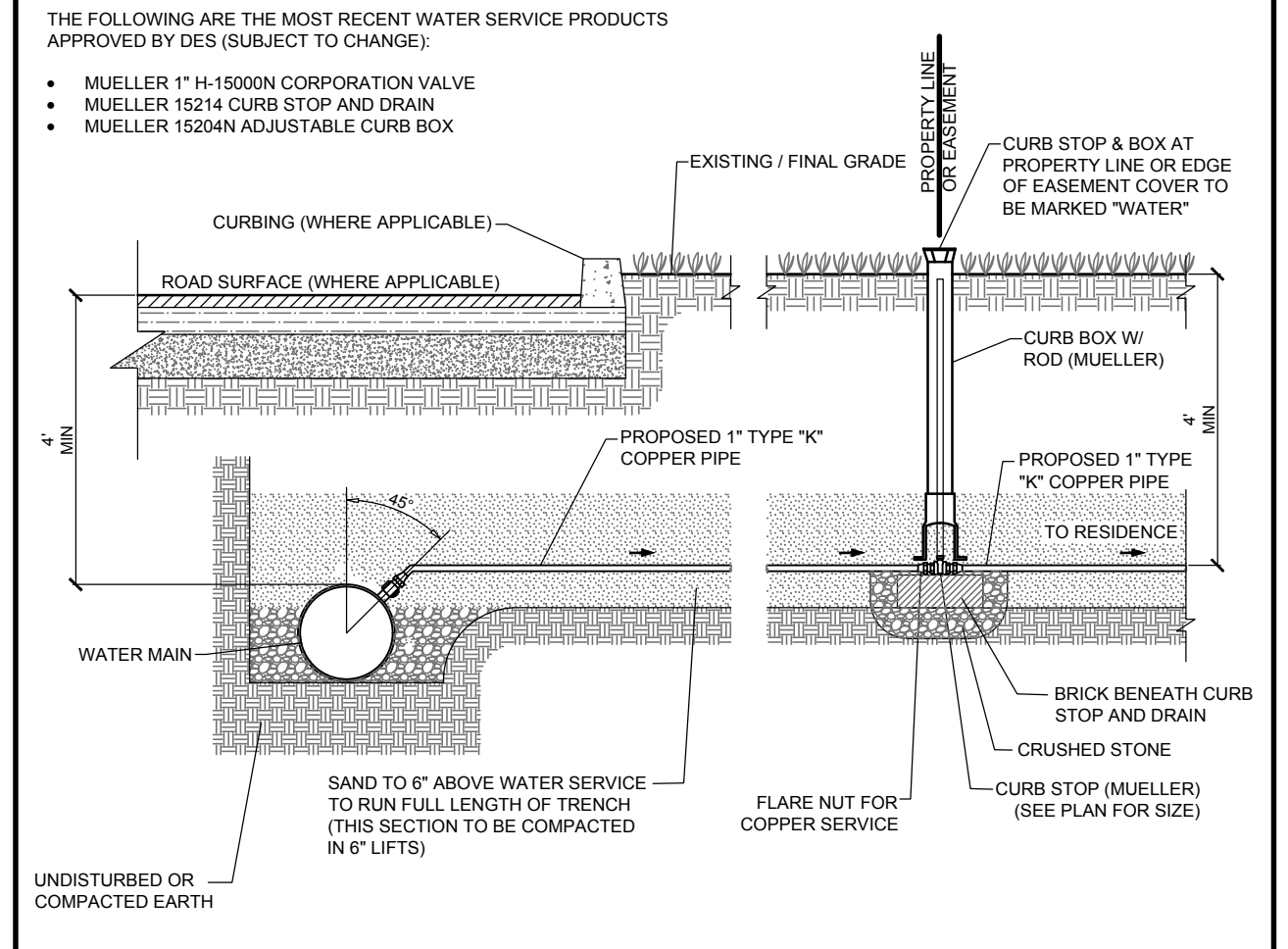
## NYSDOT CURB RAMP DETAIL



## CONCRETE DROP CURB & DRIVEWAY APRON N.T.S.

- CONSTRUCTION NOTES:**
- SEE CONCRETE CURB AND SIDEWALK INSTALLATION DETAIL FOR INSTALLATION OF EXPANSION JOINTS AND SCORED JOINTS.

## CONCRETE DROP CURB & DRIVEWAY APRON N.T.S.



## WATER SERVICE CONNECTION N.T.S.

- THE FOLLOWING ARE THE MOST RECENT WATER SERVICE PRODUCTS
- MUELLER 1" H 15000N CORPORATION VALVE
  - MUELLER 1524 CURB STOP AND DRAIN
  - MUELLER 15204N ADJUSTABLE CURB BOX

## WATER SERVICE CONNECTION N.T.S.

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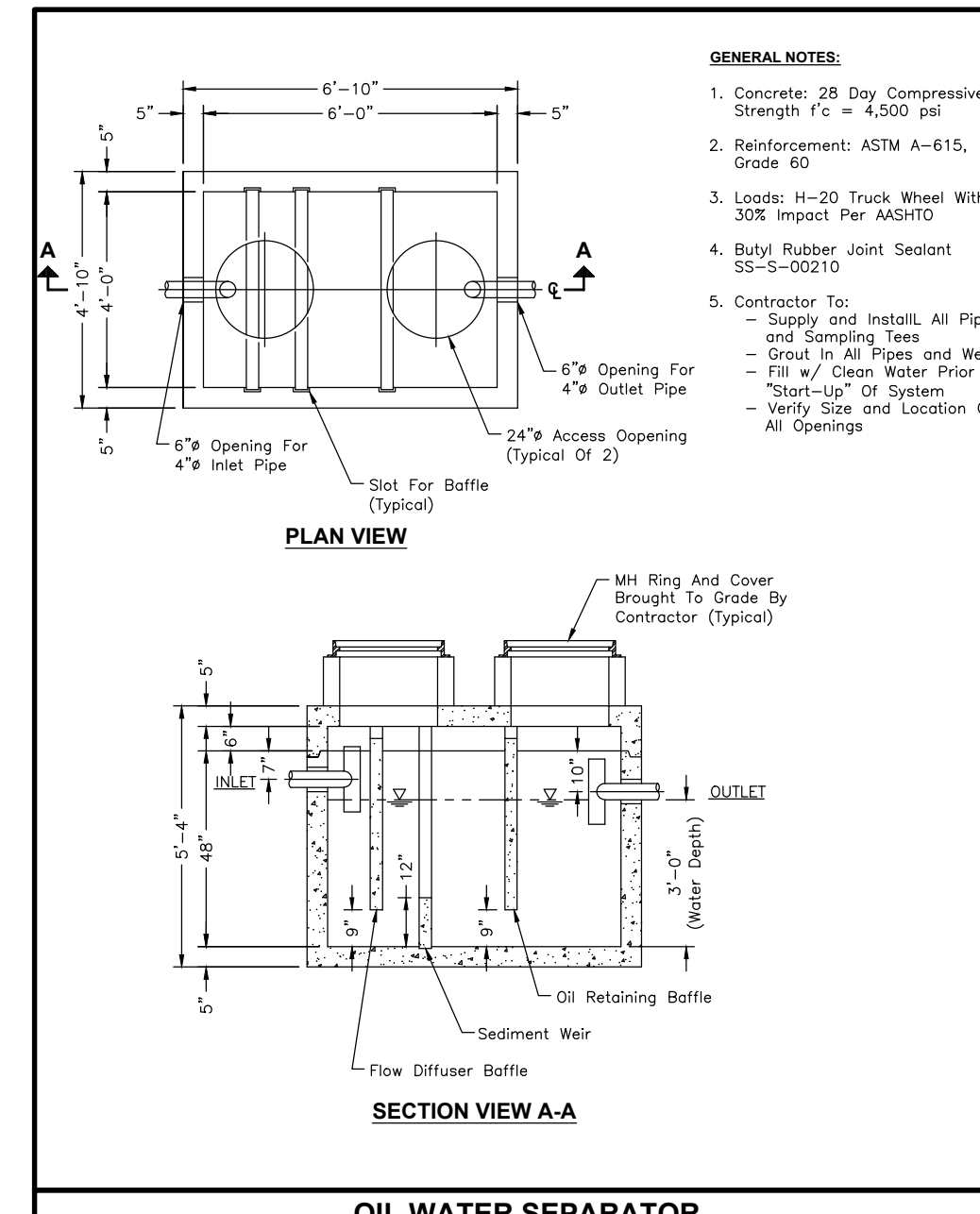
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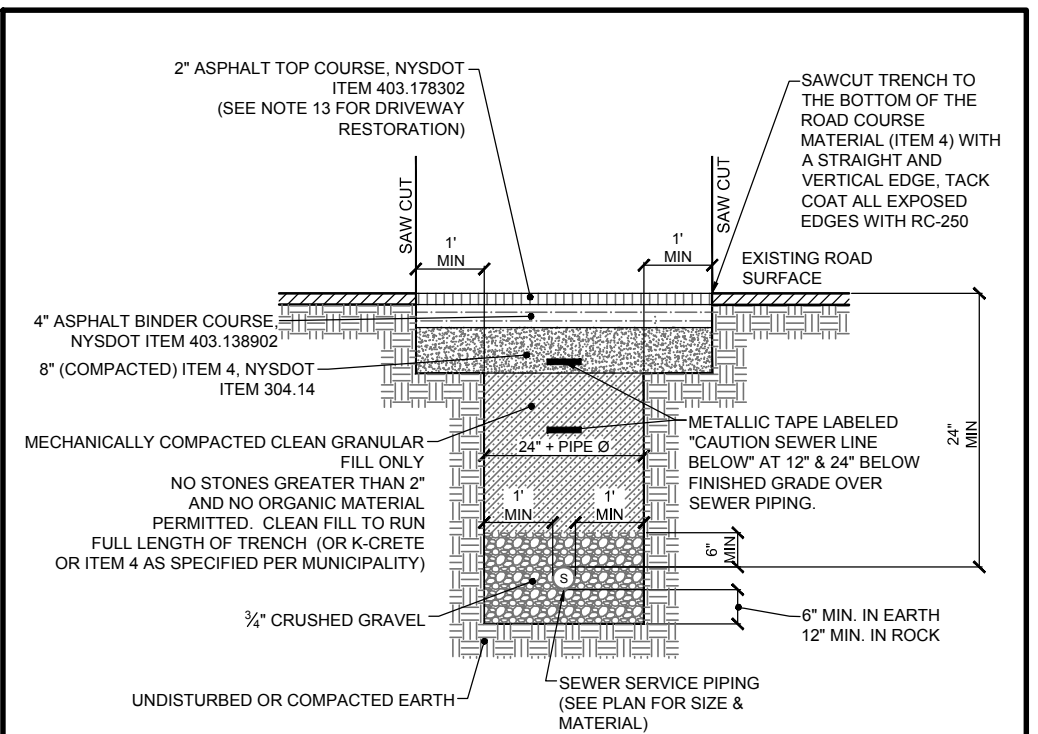
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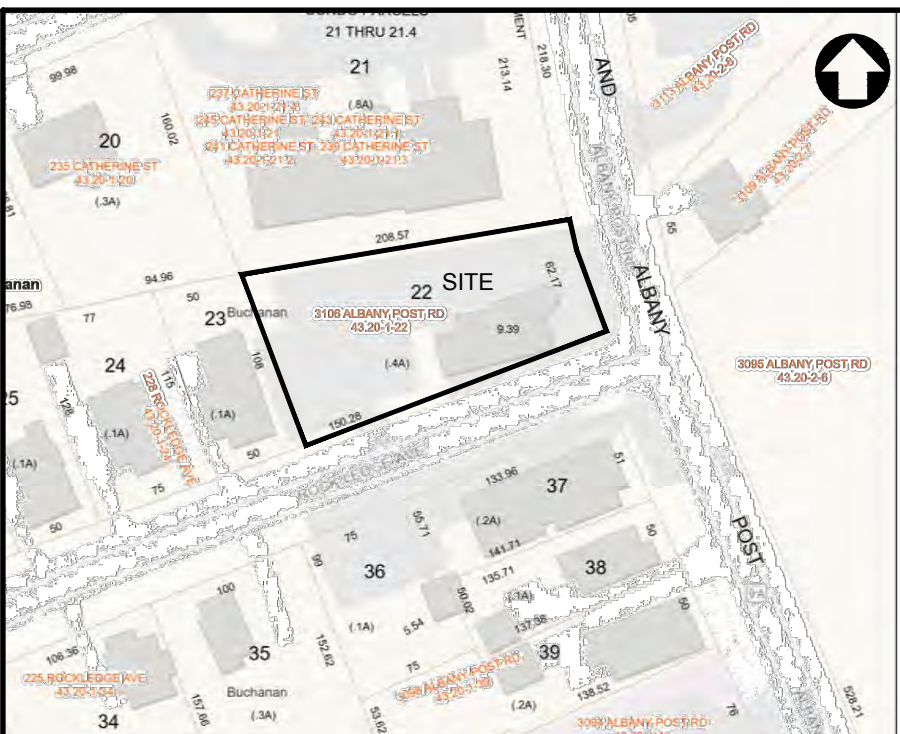
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