City of Poughkeepsie
Planning Board
Meeting Agenda

Common Council Chambers

Tuesday, April 22, 2025

6:00 PM

I. ROLL CALL

II. APPROVAL OF MEETING MINUTES

1. Approval of March 25, 2025 Meeting Minutes

III. ADJOURNED APPLICATION REVIEW / PUBLIC HEARINGS

1. 121 PARKER AVENUE: SITE PLAN

IV. SITE PLANS/SPECIAL PERMITS/SUBDIVISIONS

1. 110 SOUTH GRAND AVENUE: SITE PLAN
Application for site plan review relative to the construction of an addition to a church and a renovation of a youth center. Owner/Applicant: Faith Apostolic Ministries Inc; Consultant: Michael R. Berta, AIA Architecture & Planning; Grid #6161-49-620556: 2023-067; Zoning District: Medium Low-Density (R2) District; File #PB2023-067.

2. '8' SOUTH CLINTON STREET: SITE PLAN & SEQRA
An application for the proposed construction of a three-story residential structure on a vacant lot. The new building is proposed to contain 16 dwelling units. The applicant is requesting a parking waiver based on the

Little Smith Street municipal parking lot. Owner: South Clinton Equities, LLC; Applicant/Consultant: Jason Lichwick Architecture, PLLC; Grid # 6161-22-239997; Zoning District: PID-B; File #2025-009

3. 102 COLLEGE AVENUE: SITE PLAN & SUBDIVISION
Application for Subdivision and Site Plan Review for the subdivision of the property into two lots of record: one lot will contain the existing, non-conforming three-family dwelling and the other is proposed for future development as a single family dwelling. As a nonconforming use, any alteration requires site plan approval by the Planning Board. The site plan includes improvement to off-street parking and landscaping. Owner/Applicant: John Apa; Consultant: Mazzarelli Architecture & Planning, PC; Grid #6161-41-602631; Zoning District: RNA; File #: PB2024-031/PB2025-011

V. ADJOURNMENT

1. Adjourn to May 27, 2025

The City of Poughkeepsie
New York

Planning Board Meeting Minutes

Tuesday, March 25, 2025 **6:00 PM** **Common Council Chambers**

I. ROLL CALL

7 Present, 0 Absent ()

Note: Member Pena entered meeting at 6:45pm

Staff:
Joanna Longcore, Assistant Corporation Counsel
Tyler Maegerle, City Planner
Lori Garcia, Administrative Assistant

II. APPROVAL OF MEETING MINUTES

1. APPROVAL OF JANUARY 28, 2025 MEETING MINUTES

A motion to Approve was made by Member Holland and seconded by Andujar-McNeil

Minutes of March 25, 2025 - VOICE VOTE	
Yes/Aye:	Chair Saylor, Member Andujar-McNeil, Member Petsas, Member Egan, Member Holland
No/Nay:	None
Abstain:	Member Brian Veltre
Absent:	Member Pena
Result:	**Passed**

2. APPROVAL OF FEBRUARY 25, 2025 MEETING MINUTES

A motion to Approve was made by Member Holland and seconded by Member Andujar-McNeil.

Minutes of March 25, 2025 - VOICE VOTE	
Yes/Aye:	Chair Saylor, Member Andujar-McNeil, Member Egan, Member Holland
No/Nay:	None
Abstain:	Member Chris Petsas, Member Brian Veltre
Absent:	Member Pena
Result:	**Passed**

III. ADJOURNED APPLICATION REVIEW / PUBLIC HEARINGS

1. 121 PARKER AVENUE:SITE PLAN - ADJOURNED TO APRIL 22, 2025

IV. PUBLIC HEARINGS FOR SITE PLANS/SPECIAL PERMITS/SUBDIVISIONS

1. '8' SOUTH CLINTON STREET: SITE PLAN & SEQRA

An application for the proposed construction of a three-story residential structure on a vacant lot. The new building is proposed to contain 16 dwelling units. The applicant is requesting a parking waiver based on the Little Smith Street municipal parking lot. Owner: South Clinton Equities, LLC; Applicant/Consultant: Jason Lichwick Architecture, PLLC; Grid # 6161-22-239997; Zoning District: PID-B; File #2025-009

Presenting: Jason Lichwick, Architect

A motion to Open the public hearing was made by Member Andujar-McNeil and seconded by Member Holland.

Minutes of March 25, 2025 - VOICE VOTE	
Yes/Aye:	Chair Saylor, Member Andujar-McNeil, Member Petsas, Member Egan, Member Holland, Member Veltre
No/Nay:	None
Abstain:	None
Absent:	Member Pena
Result:	**Passed**

Three (3) minutes per person of public comment.
Judy Green
Martha Knapp
Chris Grant
Laurie Sandow

A motion to Close the public hearing was made by Member Holland and seconded by Member Egan.

Minutes of March 25, 2025 - VOICE VOTE	
Yes/Aye:	Chair Saylor, Member Andujar-McNeil, Member Petsas, Member Egan, Member Holland, Member Veltre
No/Nay:	None
Abstain:	None
Absent:	Member Pena
Result:	**Passed**

2. 102 COLLEGE AVENUE: SITE PLAN & SUBDIVISION

Application for Subdivision and Site Plan Review for the subdivision of the property into two lots of record: one lot will contain the existing, non-conforming three-family dwelling and the other is proposed for future development as a single family dwelling. As a nonconforming use, any alteration requires site plan approval by the Planning Board. The site plan includes improvement to off-street parking and landscaping. Owner/Applicant: John Apa; Consultant: Mazzarelli Architecture & Planning, PC; Grid #6161-41-602631; Zoning District: RNA; File #: PB2024-031/PB2025-011

Presenting: John Apa

A motion to Open the public hearing was made by Member Egan and seconded by Member Andujar-McNeil.

Minutes of March 25, 2025 - VOICE VOTE	
Yes/Aye:	Chair Saylor, Member Andujar-McNeil, Member Petsas, Member Pena, Member Egan, Member Holland, Member Veltre
No/Nay:	None
Abstain:	None
Absent:	
Result:	**Passed**

A motion to Close the public hearing was made by Member Egan and seconded by

Member Andujar-McNeil.

Minutes of March 25, 2025 - VOICE VOTE

Yes/Aye: Chair Saylor, Member Petsas, Member Pena, Member Egan, Member Holland, Member Veltre
No/Nay: None
Abstain: None
Absent:
Result: **Passed**

V. SITE PLANS/SPECIAL PERMITS/SUBDIVISIONS

1. LOT#151783 SOUTH HAMILTON STREET: SITE PLAN

An application for a two-story building consisting of 29 one-bedroom units and 29 two-bedroom units. Owner/Applicant: O'Neill Group Hamilton LLC.; Consultant: Arico Associates; Grid# 6161-30-151782; Zoning District: Medium High-Density Residential (R-4); File #2023- 041

Presenting: Lauran O'Neill, O'Niell Group

A motion to issue a negative declaration was made.

Minutes of March 25, 2025 - VOICE VOTE	
Yes/Aye:	Chair Saylor, Member Andujar-McNeil, Member Petsas, Member Pena, Member Egan, Member Holland, Member Veltre
No/Nay:	None
Abstain:	None
Absent:	
Result:	**Passed**

A motion to Approve resolution was made.

Minutes of March 25, 2025 - VOICE VOTE

Yes/Aye: Chair Saylor, Member Andujar-McNeil, Member Petsas, Member Pena, Member Holland, Member Veltre
No/Nay: Member Egan
Abstain: None
Absent:
Result: **Passed**

2. 110 SOUTH GRAND AVENUE: SITE PLAN

Application for site plan review relative to the construction of an addition to a church and a renovation of a youth center. Owner/Applicant: Faith Apostolic Ministries Inc; Consultant: Michael R. Berta, AIA Architecture & Planning; Grid #6161-49-620556: 2023-067; Zoning District: Medium Low-Density (R2) District; File #PB2023-067.

Presenting: Michael Berta, Architect

3. 306-316 MAIN STREET: SITE PLAN

Application for site plan review for the construction of a six-story mixed-use building on two lots currently being utilized as a one-story office building and a two-story commercial building. The proposed development to include 120 apartment units, 14,809 SF of ground floor commercial space and resident amenity space. Owner/Applicant; 316 Main LLC Consultant; KARC Planning Consultants Grid #; 6162-77-091064 Zoning District: formerly PID-HC (now PID-A File #PB2024-059.

Presenting: Jay Blumenfeld, 316 Main LLC
Jason Anderson, ADG Architects

A motion to Approve the resolution was made by Member Andujar-McNeil and seconded by Member Egan.

Minutes of March 25, 2025 - VOICE VOTE	
Yes/Aye:	Chair Saylor, Member Petsas, Member Pena, Member Egan, Member Holland, Member Veltre
No/Nay:	Member Andujar-McNeil
Abstain:	None
Absent:	
Result:	**Passed**

VI. ADJOURNMENT

1. MEETING ADJOURNED TO APRIL 22, 2025

A motion to Adjourn was made by Member Holland and seconded by Member Egan.

Minutes of March 25, 2025 - VOICE VOTE

Yes/Aye:	Chair Saylor, Member Andujar-McNeil, Member Petsas, Member Pena, Member Egan, Member Holland, Member Veltre
No/Nay:	None
Abstain:	None
Absent:	
Result:	**Passed**

APPLICATION TO THE PLANNING BOARD
CITY OF POUGHKEEPSIE, NEW YORK

Application for Site Plan, Special Permit & Facade Approval

OFFICE USE ONLY

CODE: PLSF

ID #_____

FEE: _____
Total, from:
$500, plus
$_____
($150 per 1000 square feet of floor area), plus
$_____
($35 per number of required parking spaces), plus
$_____
($500 for special permit, if applicable)

I. PROPERTY ADDRESS: 110 S Grand Ave

II. PROPERTY OWNER: Faith Apostolic Ministries Inc
ADDRESS: _____
110 S. Grand Ave
Poughkeepsie, NY 12603 (state and zip code)

PHONE NUMBER: _____ (include area code)

III. NAME OF APPLICANT: Faith Apostolic Ministries Inc

ADDRESS: 110 S Grand Ave
_____
Poughkeepsie, NY 12603 (state and zip code)

PHONE NUMBER: _____ (include area code)

EMAIL ADDRESS: _____

(If applicant is NOT the owner, proof of owner's consent to the application MUST be provided.)

IV. CONSULTANT: Michael R. Berta, AIA Architecture & Planning

ADDRESS: 7 Robert Road
_____
Poughkeepsie, NY 12603 (state and zip code)

PHONE NUMBER: 845-489-1638 (include area code)

V. PROPOSED USE or FAÇADE CHANGE (Summarize proposed use or uses): Phase I Church sanctuary addition, meeting rooms, church offices and related facilities. Phase II Youth center renovation

VI. ZONING DISTRICT: R2

(Proceed to XVII for special permit & façade approval only)

PROJECT INFORMATION

New construction: _____(yes)__X__ (no)

Change of use:_____ (yes) __X__ (no)

Expansion/addition:__X__ (yes) _____ (no)

Alteration:__X__ (yes) _____ (no)

Cost of Construction: $__1.5 mil.__

LOT AND BULK INFORMATION:

Lot area: __6.39__ (acres) __278,336.39__ (square feet)

Building Footprint: _____ (proposed square feet for new construction)

_____ (existing square feet for change of use/expansion)

__4,295__ (additional proposed square feet for expansion)

__39,431__ (total building footprint, square feet)

Lot Coverage: __7.1%__ (percentage, building coverage only)

Gross Floor Area: _____ (proposed square feet for new construction)

_____ (existing square feet for change of use/expansion)

__4,295__ (additional proposed square feet for expansion)

__47,315__ (total gross floor area, square feet)

Building Height: __2__ (stories) __31'-6"__ (feet)

Floor Area Ratio: __0.17__ (ratio of gross floor area divided by lot area)

VIII. PROJECT PARKING INFORMATION

A) Number of Off-Street Parking Spaces required: __211__

B) Number of Off-Street Parking Spaces provided: __218__

C) Waiver Requested: _____ (Yes) __X__ (No)

Is municipal parking available within 600 feet? _____ (Yes) __X__ (No)

If yes, name all such municipal facilities: _____

_____

_____

(If a waiver is requested based on proximity to municipal facilities, a written request for such waiver, addressed to the City Planning Staff and the Chairman of the Planning Board, must be submitted with the application.)

If a private parking facility is to be utilized, is such facility within 600 feet?

_____ (Yes) _____ (No)

If yes, provide the address of the facility, name of the property owner, number of spaces in the lot, number of spaces available for lease, and length of lease. Attach copy of lease. Additional information may be required by the Planning Board): _____

_____

_____

_____

IX. RESIDENTIAL PROPOSALS

A) Type of Development: _____
(Townhouse, condominium, multiple residence rental, etc.)

B) Unit Breakdown:

Number of efficiency or "studio" units: _____

Number of one (1) bedroom units: _____

Number of two (2) bedroom unit's _____

Number with three or more bedrooms: _____

Total number of units: _____

C) Is funding public? ____ Yes ____ No

If yes, describe funding source: _____

X. OFFICE PROPOSALS (____ Medical/Dental ____ Professional ____ Business)

A) Number of Employees: _____

B) Number of doctors/dentists/medical practitioners: _____

C) Days/Hours of Operation: _____

XI. SERVICE BUSINESS PROPOSALS

A) Specify Business: _____
(e.g., laundromat, drycleaner, beauty parlor, travel agency, banks)

B) Number of Employees: _____

C) Number of Washing Machines (for laundromat): _____

D) Days/Hours of Operation: _____

XII. MERCANTILE PROPOSALS (Retail _____ Wholesale _____)

A) Type of Mercantile (specify): _____

B) Number of Employees: _____

C) Days/Hours of Operation: _____

XIII. STANDARD RESTAURANT/FAST FOOD RESTAURANT/COFFEE SHOP/DONUT SHOP/NIGHTCLUB/DISCOTHEQUE/BAR PROPOSALS

A) Specify Use: _____

B) Number of seats (excluding bar stools and outdoor seating):_____

C) Meals served (i.e., breakfast, lunch, dinner): _____

D) Type of Menu: _____

E) Days/Hours of Operation: _____

F) Entertainment (live and/or recorded):_____

G) Will the restaurant contain a bar/lounge?: _____ Yes _____ No

H) If yes, how many seats at the bar? _____

I) Is a drive-through window proposed? _____

J) Is a walk-up window proposed? _____

K) Is an outdoor seating area proposed? _____

L) If yes, how many seats are proposed? _____

M) If yes, is outdoor cooking proposed? _____

XIV. INDUSTRIAL/COMMERCIAL PROPOSALS (Automobile repair, taxi, motor vehicle sales, warehouse, manufacturing, animal hospital, research facilities, etc.)

A) Specify Use: _____

B) Number of shifts (if any): _____

C) Number of employees: _____
(If shifts are proposed, list number of employees per shift)

E) Number of work bays (if automobile repair): _____

F) Days/Hours of operation: _____

XV. EDUCATIONAL/INSTITUTIONAL/RECREATIONAL PROPOSALS (e.g., Museums, Theatres, Conference Centers, Hotels, Motels, Hospitals, Nursing Homes, Assisted Living Facilities, Nursery Schools, Private Schools, Day Care Centers, Places of Worship, Marinas, Membership Clubs, etc.)

A) Specify: Place of Worship

B) Number of shifts (if any): _____

C) Number of employees: 5
(If shifts are proposed, list number of employees per shift)

D) Number of beds (hospitals, nursing homes, etc): _____

E) Number of seats in largest assembly space: 760 Sanctuary Seats

F) Number of classrooms (schools): 5

G) Number of rental units (hotels, motels, etc.) N/A

H) Number of boat slips/courts (e.g., tennis, handball, etc.), alleys: N/A

I) Days/Hours of Operation: Evenings and weekends

XVI. PROPOSALS NOT MENTIONED ABOVE (Please be specific):

_____

_____

_____

_____

_____

XVII. APPLICANT CERTIFICATION

I, Michael R Berta, AIA, certify that the this application has addressed the objectives outlined in the Zoning Ordinance with consideration given to the public health, safety and welfare; the comfort and convenience of the public in general or the residents or users of the proposed development and of the immediate neighborhood.

The applicant certifies that all information contained herein is accurate and complete as of the date of this application.



_____ August 28, 2023

Signature of Applicant Date

Michael R. Berta. AIA
Architecture & Planning

March 1, 2025

Planning Department
City of Poughkeepsie
62 Civic Center Plaza, 2nd Floor
Poughkeepsie, NY 12601

Re: 110 S. Grand Avenue
Planning Board Narrative

Chairperson and Members of the Board

Thank you for your time and we look forward to working with the board on the proposed project.

The proposed project consists of a 60' x 40' addition to the existing sanctuary and a mezzanine addition to be able to accommodate 760 parishioners. The existing pool area locker rooms will be renovated into additional restrooms, the baptismal room will be relocated & enlarged, a choir practice room and two classrooms will be added. A café area will be created in the main building lobby.

We have revised the proposed plans as per the last meeting, workshop sessions with staff and with the architectural consultant.

We have eliminated the parking on the north side of the easement and relocated the eliminated spaces throughout the site and will enter into a parking agreement with our neighbor, Temple Beth-El.

We have added an emergency access gate at the Park Ave access, A sidewalk has been added to connect the site to Park Ave for walking traffic. We have updated the landscaping plan to provide a screening from Park Ave.

A lighting plan has been included in the package, all light will have a 3000 kv maximum and be shielded to maintain a maximum .01 ft candles at the property lines. All lighting has been designed to be dark sky compliant.

The westside (S Grade Ave) elevation has been updated, the material selections have been revised.

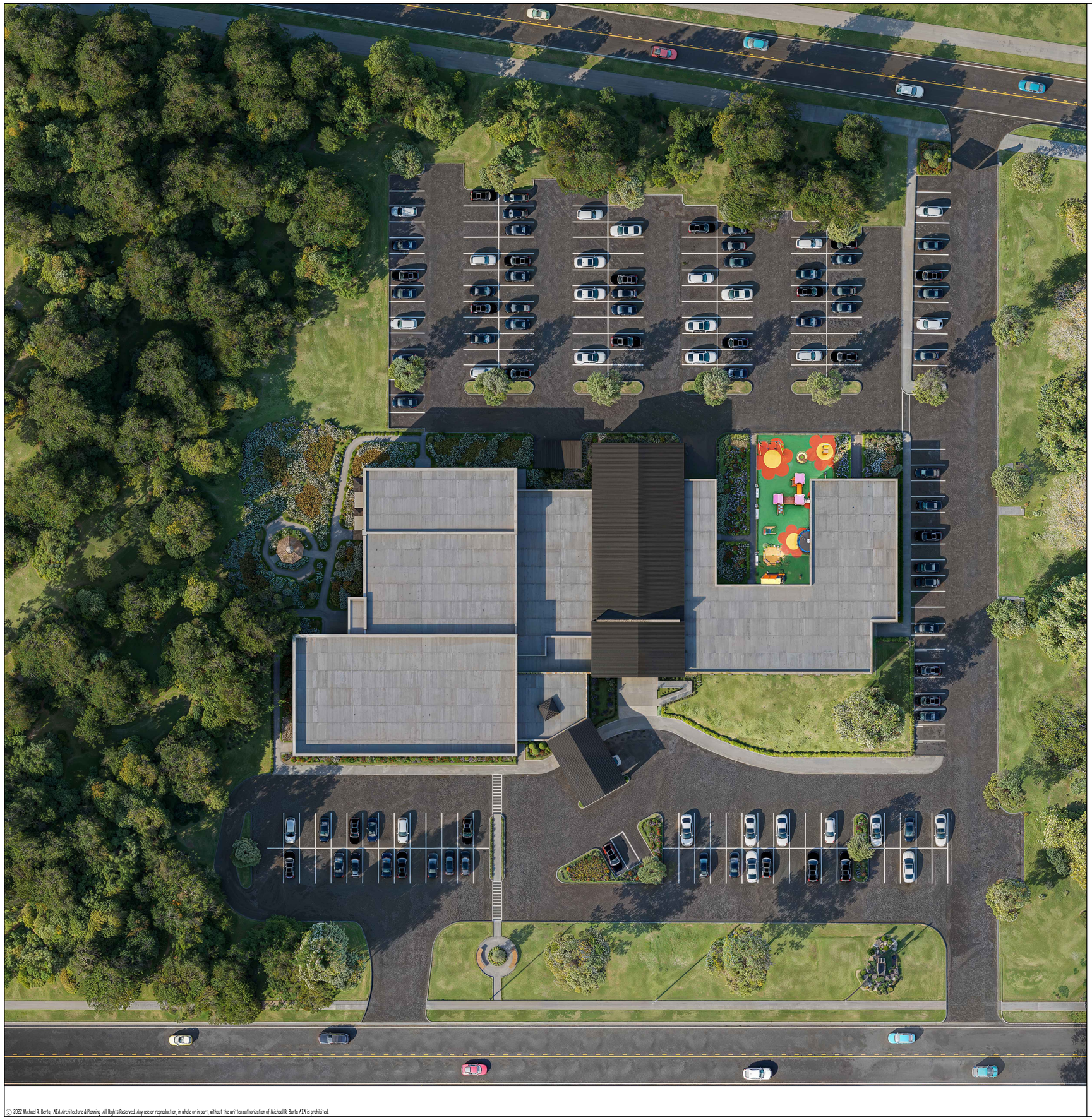
7 Robert Road Poughkeepsie, New York 12603 (845) 489-1638 fax (845) 483-9887
E-Mail mike@bertaarchitects.com Web Site www.bertaarchitects.com

Thank you again for your time and I look forward to working with you on the project with you.

Sincerely Yours.



Michael R. Berta, AIA
Architect



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CLIENT:
Faith Apostolic Ministries Inc
110 South Grand Ave, Poughkeepsie, New York 12601

ARCHITECT:
Michael R. Berta, AIA Architecture & Planning
7 Robert Road Poughkeepsie, New York 12603
mike@bertaarchitects.com
(845) 489-1638

SITE CIVIL ENGINEER:
Berger Engineering and Surveying
100 Fulton Ave, Poughkeepsie, New York 12603
(845) 473-7383

STRUCTURAL ENGINEER:
Clapper Structural Engineering PLLC
160 Partition Street, Saugerties, New York 12477
(845) 247-7483

MEP ENGINEER:
CBK Engineering, PC
129 Clove Branch Road Suite 104 Hopewell Junction. NY 12533
(914) 509 6557

Drawings Index

Cover	Cover Page
EX-1	Existing Survey
SP-1	Site Plan and Details
SP-2	Site Landscaping Plan and Details
SP-3	Garbage Enclosure and Site Details
SP-4	Site Details
SP-5	Site Details
LT-1	Site Lighting Plan and Details
Pre-1	Proposed Front & Side Elevations
Pre-2	Proposed First Floor Plan
Pre-3	Proposed Second Floor Plan

Michael R. Berta. AIA
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(845) 489-1638
www.bertaarchitects.com - mike@bertaarchitects.com

These plans are not valid for a building permit unless they are properly signed and sealed by the Architect

Do Not Scale Prints

Date	Revision
February 27, 2025	Misc Revision per Review

Note:
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Note:
The General Contractor shall review all the plans prior to the start of construction and shall be responsible for all dimensions and conditions on the job. Any discrepancies shall be reported to the Architect before proceeding with the work. The General Contractor shall coordinate the work of all trades and shall supervise and direct the work using his best skill and attention. He shall be solely responsible for all construction means, methods, techniques, sequences and procedures and for coordinating all portions of the work under the contract, unless specific instructions are given in the Contract Documents to the contrary. The General Contractor shall be responsible for all safety precautions and programs in connection with the work and shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to all employees on the work and other persons who may be affected thereby, all the work and all other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction. The General Contractor shall comply with all applicable laws, ordinances, rules, regulations and orders of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. He shall erect and maintain, as required by existing conditions and progress of the work, all reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying owners and users of adjacent sites and utilities. When or where any work is being done or prepared by a subcontractor, the General Contractor shall require each subcontractor to provide for the safety of and protection to prevent damage, injury or loss to all employees on the work and other persons who may be affected thereby, all the work and all other property at the site or adjacent thereto, and all utilities not designated for removal, relocation or replacement in the course of construction.

Proposed Site Rendering

Proposed Addition / Alteration For:
Faith Apostolic Ministries Inc
110 South Grand Ave
Poughkeepsie, New York

Date	February 27, 2025
Job No	2023-001
Scale	None
Drawing	Cover
Of	Eight

SURVEY NOTES

1. Copyright Johnson Surveying. All Rights Reserved. Reproduction or copying of this document may be a violation of copyright law unless permission of the author and / or copyright holder is obtained.

2. Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7209, sub-division 2, of the New York State Education Law.

3. Only boundary survey maps with the surveyor's embossed or red inked seal are genuine true and correct copies of the surveyor's original work and opinion. A copy of this document without a proper application of the surveyor's embossed or red inked seal should be assumed to be an unauthorized copy.

4. Certifications on this boundary survey map signify that the map was prepared in accordance with the current existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors, Inc. The certification is limited to persons for whom the boundary survey map is prepared, to the title company, to the governmental agency, and to the lending institution listed on this boundary survey map.

5. The certifications herein are not transferable.

6. The location of underground improvements or encroachments are not always known and often must be estimated. If any underground improvements or encroachments exist or are shown, the improvements or encroachments are not covered by this certificate.

7. Subject to the findings of a current title search.

8. Subject to covenants, easements, restrictions, conditions and agreements of record.

9. Subject to any right, title or interest the public may have for highway use.

10. Bearings and North shown hereon are referenced to NAD 83-NY East using NYSNET RTN GPS.

11. Contour Interval is 1/2 foot. Elevations shown hereon are referenced to NAVD 88 using NYSNET RTN GPS.

DEED REFERENCE

Doc. #02 2020 4591
Hudson Valley Community Center, Inc.
To
Faith Apostolic Ministries, Inc.
November 12, 2020

TAX PARCEL NUMBER

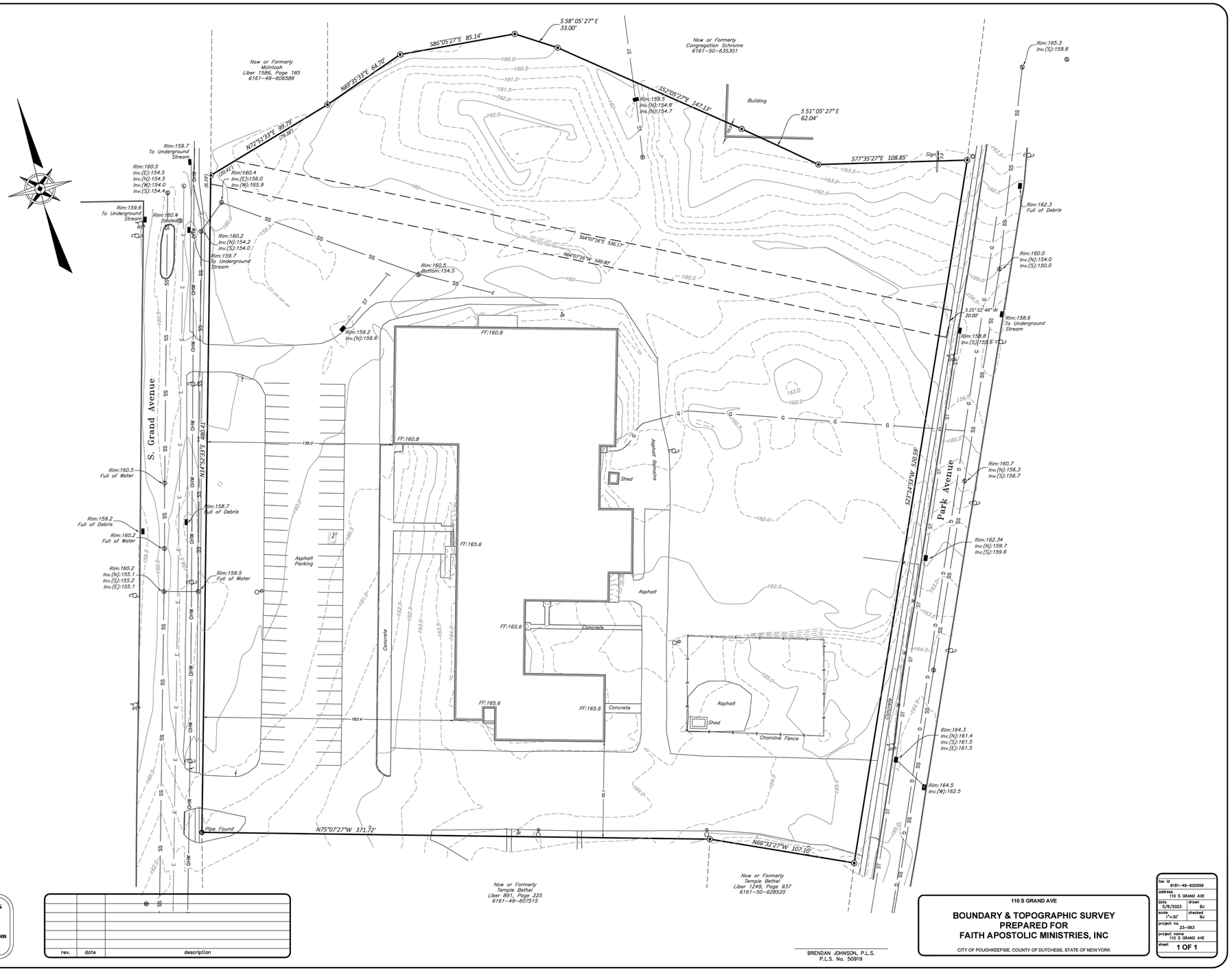
City of Poughkeepsie, Dutchess County, New York
6161-49-620556

AREA

278,334 Square Feet
6.390 Acres

DATE OF SURVEY

Field Completion: May 4, 2023



rev.	date	description

JOHNSON SURVEYING

BRENDAN JOHNSON, PLS
10 Meadow Lane
Pleasant Valley, NY 12569
Phone No. (845) 380-0528
johnsonboundaries@gmail.com

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110 S GRAND AVE

BOUNDARY & TOPOGRAPHIC SURVEY PREPARED FOR FAITH APOSTOLIC MINISTRIES, INC

CITY OF POUGHKEEPSIE, COUNTY OF DUTCHESS, STATE OF NEW YORK

BRENDAN JOHNSON, P.L.S.
P.L.S. No. 50919

tax id	6161-49-620556
address	110 S GRAND AVE
date	5/8/2023
drawn	BJ
scale	1"=30'
checked	BJ
project no.	23-063
project name	110 S GRAND AVE
sheet	1 OF 1

Michael R. Berta, AIA
Architecture & Planning
7 Rockefeller Avenue, Rhinebeck, NY 12572
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www.bersarchitects.com mike@bersarchitects.com

REGISTERED ARCHITECT MICHAEL RICHARD BERTA No. 028766 STATE OF NEW YORK

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Date	Revision
February 27, 2025	Misc Revision per Review

Existing Survey

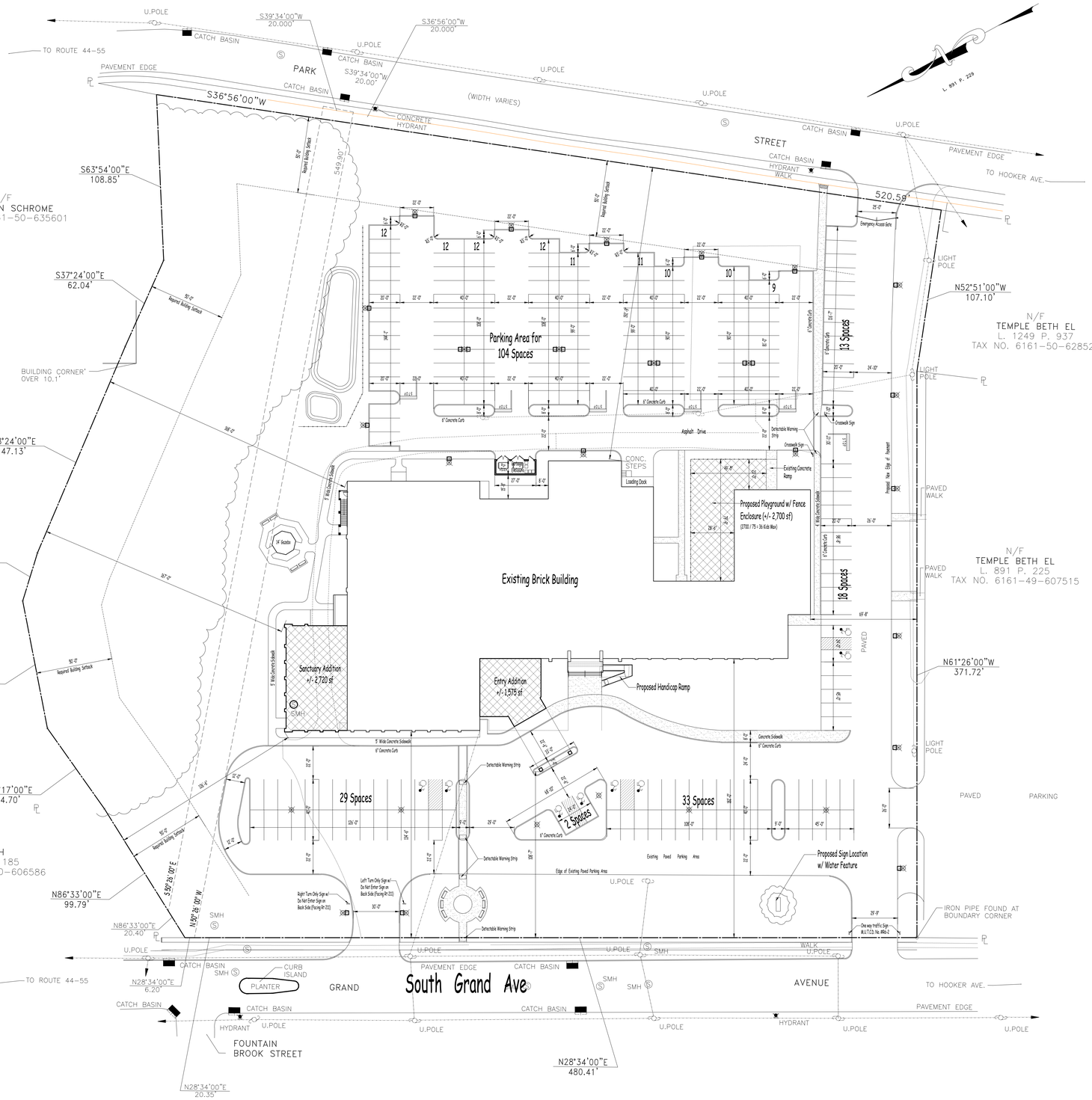
Proposed Addition / Alteration For
Faith Apostolic Ministries Inc
110 South Grand Ave.
Poughkeepsie, New York

Date: October 20, 2024
Job No: 2023-001
Scale: None
Drawing: EX-1
Of

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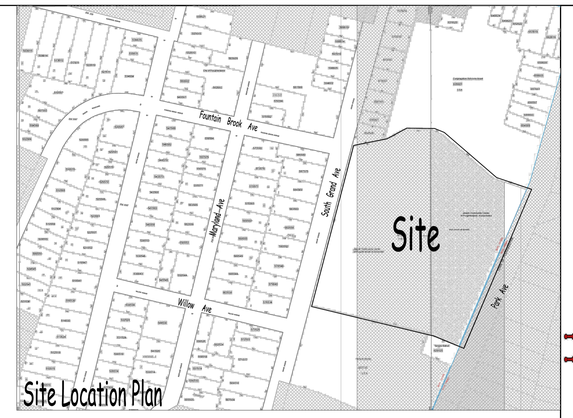
Note:
It is a violation of the law for any person, unless acting under the direction of a Licensed Architect, to alter an item in any way. If any item bearing the seal of an architect is altered, the altering Architect shall affix to his item the said seal the notation "Altered By" followed by his signature & date of such alteration, and specific description of the alteration.

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Site Plan

Scale: 1" = 30'-0"



Site Location Plan

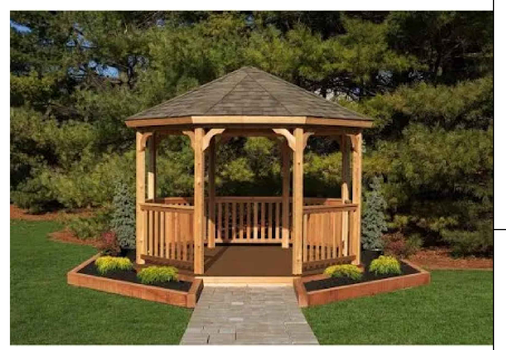
Site Data

Tax Map No	131300-6161-49-620556-0000	
Zone	R-2 (Medium Low Density Residence)	
Use	Mixed Use (Church & Daycare)	
	Required	**Provided**
Lot Area	10,000 SF	6.39 ac (278,336.39 sf)
Min Lot Dimensions		
Frontage	30'	287.77'
Width	50'	287.77'
Setbacks		
Front	20'	108.58' (Adition)
Side	10'	126.50' (Addition)
Side	10'	69.90' (Existing)
Rear	15% of Lot Depth = 82.5' (Not Less Than 15')	194.42' (Existing)
Building Hgt (Height / Stories)	35' / 2 1/2	28' / 1 story (Existing)
Maximum Lot Coverage	30 % 278,336.39 sf x .30 = 83,500.90 sf	22 % Provided 61,235 sf

Off Street Parking

Church	1 Space per 4 seats	744 Seats / 4	=	186 Spaces
Daycare	1 Space per Staff Member	16 Staff Members	=	16 Spaces
Classroom	1 Space per Classroom	5 Classrooms	=	5 Spaces
			=	207 Spaces Required

197 Spaces Provided + 11 Banked Spaces = 208 Spaces
(Includes 8 Handicapped Spaces)



City Planning Board
City of Poughkeepsie, New York

Site Plan Approval
File No:
Project Name: Proposed Addition / Alteration For Faith Apostolic Ministries Inc
Project Location: 120 S Grand Ave Poughkeepsie, New York 12602
Applicant: Faith Apostolic Ministries Inc

Officially approved at the planning board meeting held the _____ day of _____, 2_____
Planning Chair:
Designee:
Date Signed:
Condition(s):

Fire Chief

Police Chief

Building Inspector

City Engineer

Commissioner of Public Works

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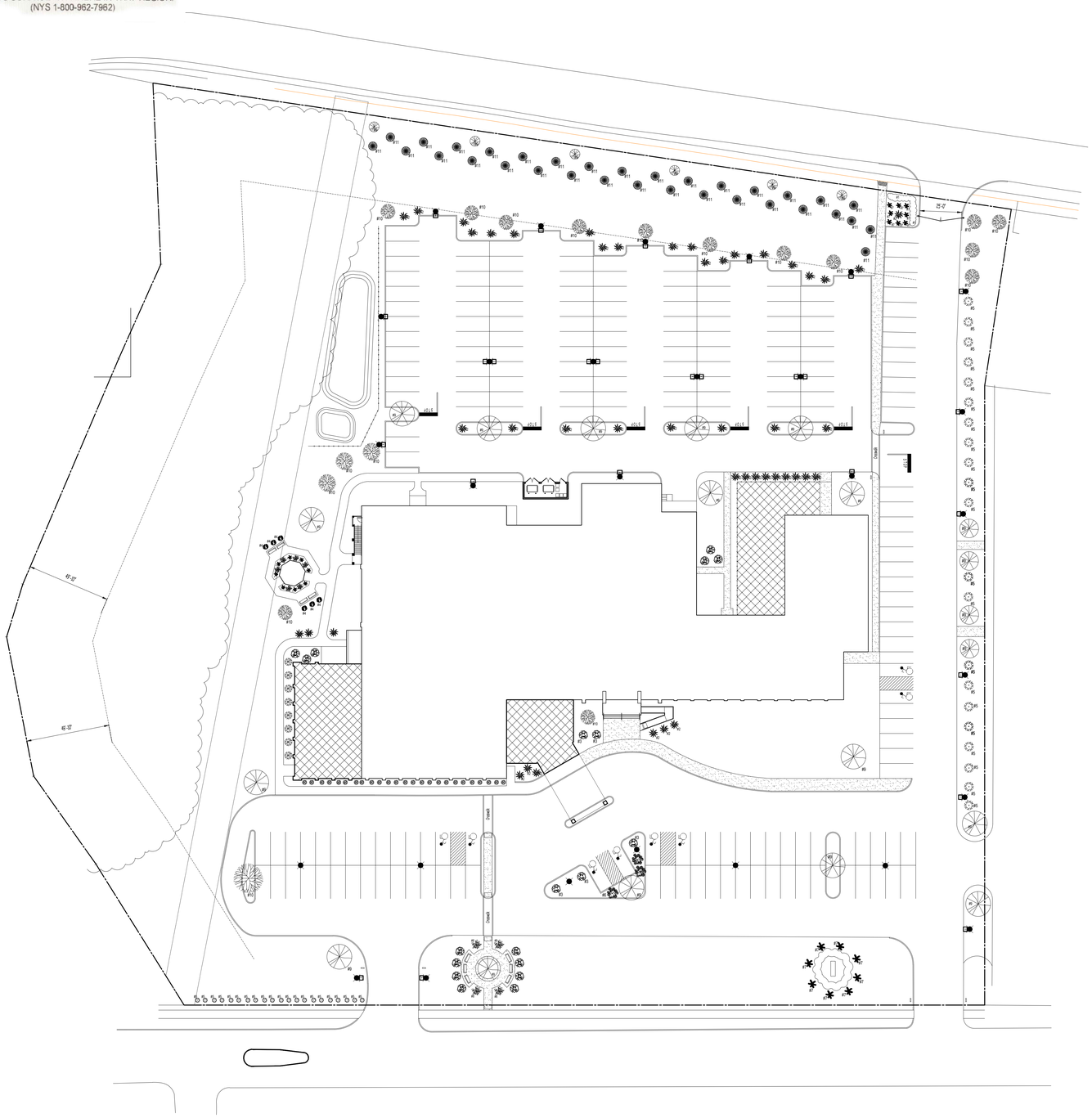
REGISTERED ARCHITECT MICHAEL ROBERT BERTA STATE OF NEW YORK

Date	Revision
February 27, 2025	Misc Revision per Review
August 28, 2024	Misc Revision per Review
May 22, 2024	Misc Revision per Review
April 23, 2024	Misc Revision per Review

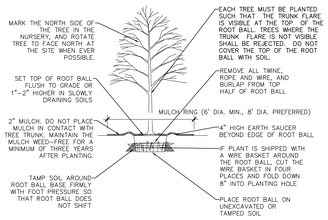
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Note:
All Construction shall be done in accordance with the applicable requirements of the 2020 Residential Code of New York State, the 2020 Energy Conservation Construction Code of New York State, the 2020 Mechanical Code of New York State, the 2020 Fuel Gas Code of New York State, the 2020 Plumbing Code of New York State, the 2020 Property Maintenance Code of New York State, the 2020 Existing Building Code of New York State, the 2020 Building Code of New York State,

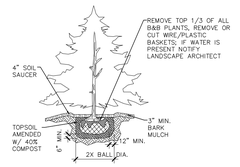
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www.digsafelynewyork.com
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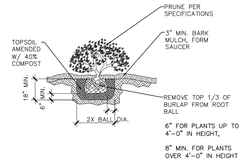
Landscapping Plan
Scale: 1" = 30'-0"



Deciduous Planting Detail
Scale: None



Conifer Planting Detail
Scale: None



Shrub Planting Detail
Scale: None

GENERAL LANDSCAPE NOTES

1. THE CONTRACTOR IS CAUTIONED TO VERIFY ALL LAYOUT, GRADES AND OTHER EXISTING FEATURES AND TO CHECK ALL MEASUREMENTS AT THE SITE PRIOR TO ORDERING MATERIALS OR COMMENCING WORK.
2. IF AND WHENEVER PLANT MATERIAL CANNOT BE LOCATED AS INDICATED DUE TO UNDERGROUND UTILITIES OR OTHER SUBSURFACE OBSTRUCTIONS, SUCH LOCATIONS SHALL BE ADJUSTED IN THE FIELD BY THE ARCHITECT.
3. AREAS FOR STOCKPILING MATERIALS, STORING EQUIPMENT AND PARKING EMPLOYEE VEHICLES WILL BE ONLY IN THOSE AREAS AS APPROVED BY THE ARCHITECT OR OWNER.

PLANTING SPECIFICATIONS ALL TREE PITS, SHRUBS PITS AND GROUND COVER AREAS SHALL BE EXCAVATED AS FOLLOWS:
a. TREE PITS SHALL BE TWO (2) TIMES AS WIDE AS THE BALL. TREE PITS SHALL BE SIX (6) INCHES DEEPER THAN THE DEPTH OF THE BALL
b. FOR SHRUBS THE PIT SHALL BE TWO (2) TIMES THE WIDTH OF THE BALL OR SPREAD OF THE ROOTS AND SIX (6) INCHES DEEPER THAN THE DEPTH OF THE BALL OR ROOTS.
c. FOR GROUND COVER AREAS THE EXCAVATION SHALL BE SIX (6) INCHES DEEP.
d. ALL TREES AND SHRUBS SHALL BE PLANTED TWO (2) INCHES HIGHER THAN THE ORIGINAL GROWING DEPTH.
e. ALL EXCESS EXCAVATION SHALL BE REMOVED FROM THE SITE OR DISPOSED OF AS DIRECTED BY THE LANDSCAPE ARCHITECT.

TOPSOIL FURNISHED AND PLACED ALL MATERIAL SHALL BE NATURAL LOAM TOPSOIL, FREE FROM SUBSOIL, SOD, STONES OVER TWO (2) INCHES IN GREATEST DIMENSION AND ANY OTHER UNDESIRABLE MATERIAL. TOPSOIL SHALL CONTAIN NOT LESS THAN FIVE (5) PERCENT ORGANIC MATTER AND SHALL HAVE A PH OF BETWEEN 5.5 AND 7.0. TOPSOIL SHALL BE FRIABLE WITH A LOW CLAY CONTENT.

TOPSOIL SHALL BE PLACED AS FOLLOWS: BACKFILL FOR ALL TREE PITS, SHRUB PITS AND GROUND COVER AREAS AND SHALL BE COMPACTED TO FILL THE EXCAVATION AS DESCRIBED ABOVE. HUMUS SHALL BE INCORPORATED WITH TOPSOIL AS FOLLOWS:

HUMUS HUMUS SHALL BE REED PEAT, SEDGE PEAT OR NATURAL HUMUS. IT SHALL BE FREE FROM HARD LUMPS, STICKS, STONES AND OTHER UNDESIRABLE MATERIAL. THE ACIDITY RANGE SHALL BE 5.5 PH TO 7.0 PH AND THE ORGANIC CONTENT SHALL NOT BE LESS THAN 85 % AS DETERMINED BY LOSS ON IGNITION. HUMUS SHALL BE INCORPORATED AS FOLLOWS:
a. BACKFILL OF TREE AND SHRUB PITS AT ONE (1) PART HUMUS TO FOUR (4) PARTS TOPSOIL
b. IN GROUND COVER BEDS SPREAD THREE (3) INCHES THICK AND INCORPORATED INTO UPPER SIX (6) INCHES OF SOIL.

IRRIGATION DESIGN / BUILD

MULCH MULCH SHALL BE SHREDDED BARK FREE OF LARGE PEELINGS, INORGANIC DEBRIS, STONES, LOGS OR ANY MATERIAL WHICH AFFECTS ITS APPEARANCE OR FUNCTION. A SAMPLE SHALL BE SUBMITTED TO ABACA, FOR APPROVAL PRIOR TO DELIVERY TO THE SITE. MUCH SHALL BE SPREAD IN ALL BEDS THREE (3) INCHES IN DEPTH. A COMMERCIAL FERTILIZER WITH A 10 - 6 - 4 RATIO SHALL BE SPREAD ON SOIL AT THE RATE OF 10 POUNDS PER 1000 SQ. FEET PRIOR TO SPREADING OF MULCH. GROUND COVER AREAS SHALL BE MULCHED WITH 1" - 1 1/2" OF SHREDDED BARK.

PLANT MATERIAL AND PLANTING PLANT MATERIALS SHALL BE AS DESCRIBED IN THE PLANT SCHEDULE. ABACA, RESERVES THE RIGHT TO INSPECT ALL PLANT MATERIAL BEFORE DELIVERY. LOCATION OF ALL TREES AND SHRUBS SHALL BE STAKED BY THE CONTRACTOR AND APPROVED BY ABACA, PRIOR TO PLANTING. CALIPER OF TREES SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND. BALL SIZES FOR PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMAN.

STAKING AND GUYING IMMEDIATELY AFTER PLANTING ALL TREES OVER 10' IN HEIGHT, SHALL BE EITHER STAKED OR GUYED AS APPROVED BY ABACA.

WATERING ALL PLANT MATERIAL SHALL BE THOROUGHLY WATERED DURING PLANTING AND AS MANY TIMES AS NEEDED UNTIL THE FORMAL ACCEPTANCE OF THE PROJECT BY THE OWNER.

SPECIAL NOTES
1. AREAS SCHEDULED FOR TREE, SHRUB, PERENNIAL OR GROUND COVER BEDS, AND WHICH ARE PRESENTLY IN TURF, SHALL BE SPRAYED WITH A 2 1/2 % SOLUTION OF "ROUND-UP" BY MONSANTO, TEN (10) DAYS PRIOR TO PLANTING.
2. ALL LEUCOTHOE SPECIES SHALL BE SPRAYED WITH A SOLUTION OF "BENOMYL" FUNGICIDE WITHIN FIVE (5) DAYS AFTER PLANTING AND AGAIN AFTER A TEN (10) DAY PERIOD. THE LANDSCAPE ARCHITECT SHALL WITNESS BOTH THESE PROCEDURES.
3. ALL EVERGREEN TREES AND SHRUBS SHALL BE SPRAYED WITH AN ANTI-TRANSPIRANT SUCH AS "WILT-PRUF" OR "ED'NYM" THE FIRST DECEMBER AFTER PLANTING, AND AGAIN DURING A TIME IN FEBRUARY WHEN TEMPERATURES ARE 40 DEGREES OR HIGHER.
4. ALL PLANTING BEDS, SHRUB BEDS, GROUND COVER BEDS AND TREE PITS SHALL BE TREATED WITH A PRE-EMERGENT HERBICIDE SUCH AS "TREFLAN" OR "SURFLAN" OR AN APPROVED EQUAL, PRIOR TO SPREADING OF MULCH AND AS DIRECTED BY THE ARCHITECT.
5. ALL BETULA SPECIES SHALL BE SPRAYED WITH A SOLUTION OF "LINDANE" THE FIRST MAY AFTER PLANTING.

GUARANTEE AND REPLACEMENT THE CONTRACTOR SHALL GUARANTEE AND REPLACE ALL PLANT MATERIAL PLANTED BY HIM FOR ONE (1) YEAR. THE ONE (1) YEAR PERIOD SHALL COMMENCE AT THE TIME ALL MATERIAL IS PLANTED AND FORMALLY ACCEPTED BY THE ARCHITECT. THE CONTRACTOR SHALL REPLACE IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS ANY TREES, SHRUBS, PERENNIALS AND GROUND COVER PLANTS THAT ARE DEAD OR, IN THE OPINION OF THE ARCHITECT, ARE UNHEALTHY OR UNSIGHTLY CONDITION

CLEAN-UP THE CONTRACTOR SHALL "CLEAN-UP" AND REMOVE FROM THE SITE ALL RUBBISH, DEBRIS AND SURPLUS MATERIAL AS FAST AS IT ACCUMULATES AND SHALL NOT PERMIT IT TO BE SCATTERED ABOUT THE SITE.

PLANTING SCHEDULE

NUMBER	SYMBOL	BOTANICAL/COMMON NAME	QUANTITY	SIZE	REMARKS
#1		GREEN VELVET BOXWOOD (BUXUS GREEN VELVET)		2 GALLON CONTAINER	24" SPACING AS SHOWN
#2		HETZ MIDGET ARBORVITAE (THUJA OCCIDENTALLIS HETZ MIDGET)		4 GALLON CONTAINER	30" SPACING AS SHOWN
#3		Blueberry Pie Butterfly Bush (Buddleia x 'PODARASNGA)		4 GALLON CONTAINER	
#4		BLOOMERANG PURPLE REBLOOMING LILAC SHRUB (SYRINGA 'SMSJBP7')		4 GALLON CONTAINER	30" SPACING AS SHOWN
#5		AMERICAN BOXWOOD SHRUB (BUXUS SEMPERVIRENS)		4 GALLON CONTAINER	24" SPACING AS SHOWN
#6		PARDON ME DAYLILLY (HEMEROCALLIS 'PARDON ME')		VARIES	MIX DIFFERENT COLORS
#7		AVALANCHE FEATHER REED GRASS		SPECIMEN	
#8		BLACK & RED CHOKEBERRY (ARONIA MELANOCARPA; A. ARBUTIFOLIA)		30" TALL	5'-0" SPACING
#9		EASTERN REDBUD (CERCIS CANADENSIS)		5'-6" TALL	4 INCH CALIPER
#10		WESTERN CEDAR (Thuja Plicata "Green Giant")		6' TALL	4 INCH CALIPER
#11		White Pines & Colorado Blue Spruce Mix		6' TALL - 20' - 25' SPACING	4 INCH CALIPER

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REGISTERED ARCHITECT — STATE OF NEW YORK

February 27, 2025	Misc Revision per Review
August 28, 2024	Misc Revision per Review
July 17, 2024	Misc Revision per Review
May 22, 2024	Misc Revision per Review
April 23, 2024	Misc Revision per Review
Date	Revision

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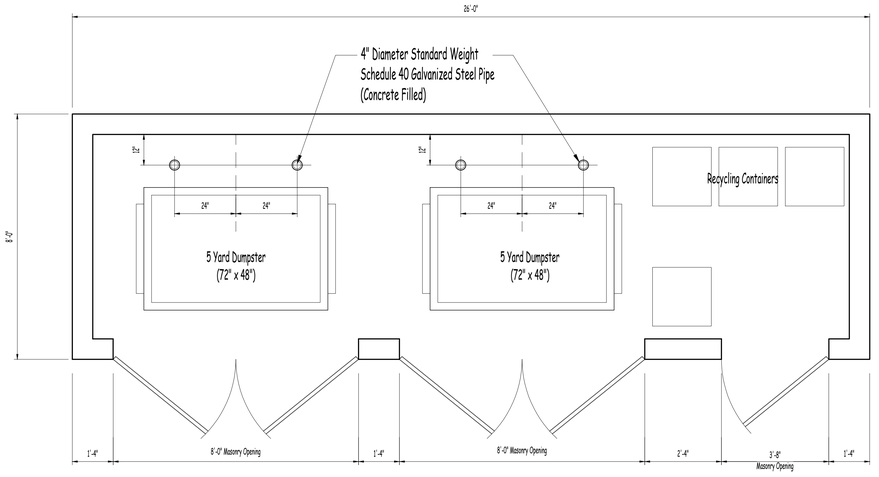
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Proposed Landscapping Plan and Details

Proposed Addition / Alteration For:
Faith Apostolic Ministries Inc
110 South Grand Ave
Poughkeepsie, New York

Date	August 28, 2023
Job No	2023-001
Scale	As Noted
Drawing	SP-2
Of	

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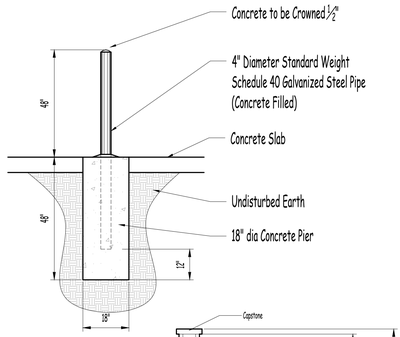


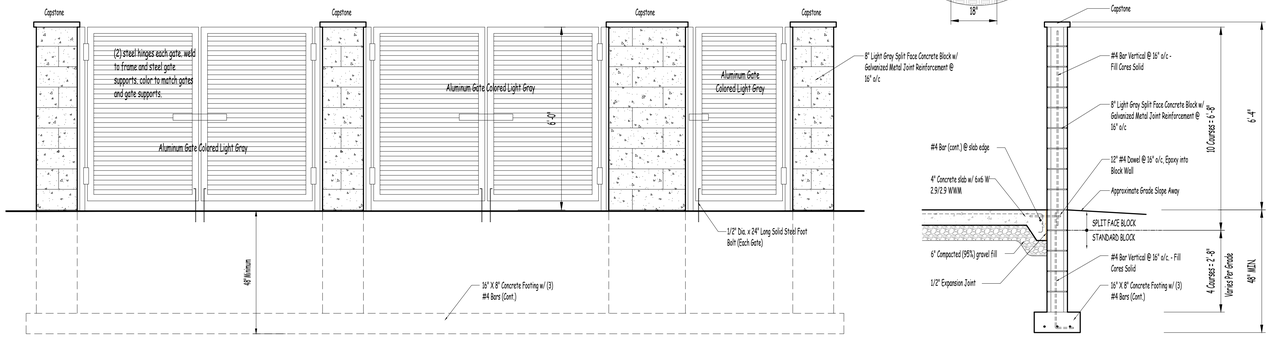
DUMPSTER NOTES:

1. CHECK WITH REFUSE HAULER PRIOR TO INSTALLATION OF REFUSE ENCLOSURE FOR FINAL DIMENSIONS OF PROPOSED DUMPSTER AND INTERIOR DIMENSIONS OF ENCLOSURE
2. CONTRACTOR TO SUPPLY SHOP DRAWING OF GATE CONSTRUCTION.

ACCESSIBILITY NOTES:

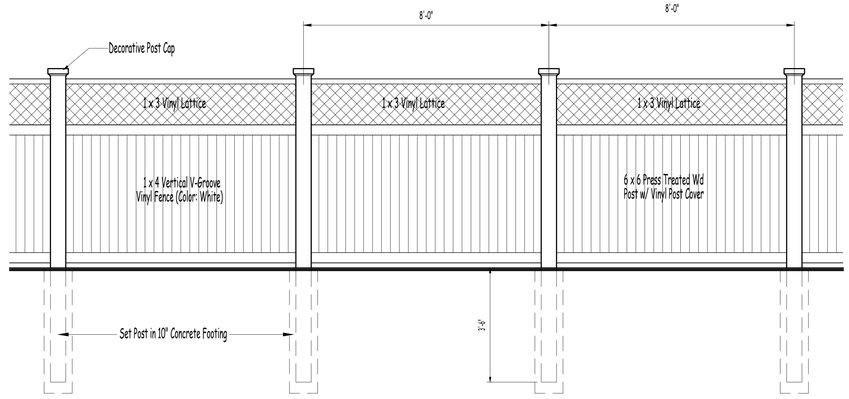
1. VERTICAL CHANGE IN LEVEL BETWEEN FINISHED GRADE OF CONCRETE PAD FOR DUMPSTER ENCLOSURE AND ADJACENT PAVEMENT AT GATE OPENINGS SHALL NOT EXCEED 1/4". 1/4" TO 1/2" VERTICAL CHANGE SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 2H:1V
2. GATES DESIGNATED FOR ACCESSIBLE ENTRY INTO DUMPSTER ENCLOSURE SHALL BE MAINTAINED TO BE RELATIVELY FREE SWINGING AND EASY TO OPEN AND CLOSE.
3. SHOULD INDIVIDUAL GATE BE DESIGNATED ACCESSIBLE ENTRY, IT SHALL BE LABELED AS SUCH.
4. A 36" MAXIMUM CLEAR DISTANCE SHALL BE MAINTAINED BETWEEN DUMPSTERS AND IN FRONT OF DUMPSTER AS NECESSARY TO PROVIDE ACCESSIBLE ROUTE WITHIN DUMPSTER ENCLOSURE TO SIZE ACCESS DOORS TO DUMPSTERS AND/OR REFUSE CARTS
5. ACCESSIBLE REFUSE CONTAINERS SHALL BE PROVIDED - TRASH CANS, REFUSE CARTS, AND/OR DUMPSTERS WITH ACCESSIBLE SIZE OPENINGS.





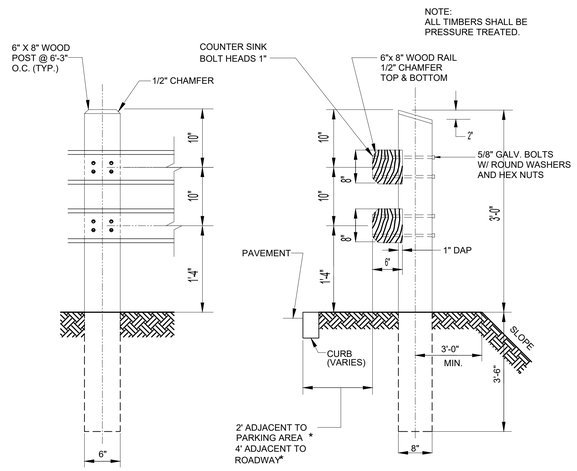
Refuse Enclosure Detail

Scale: None



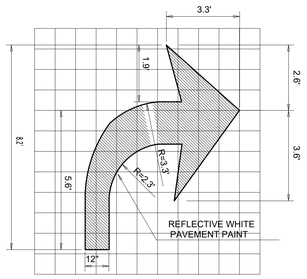
Vinyl Fence Detail

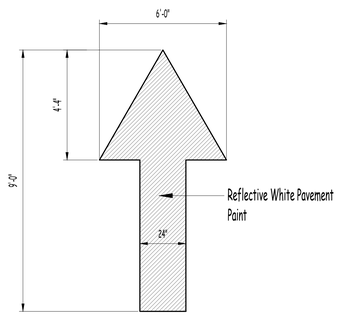
Scale: None



Typical Wood Beam Guide Rail Detail

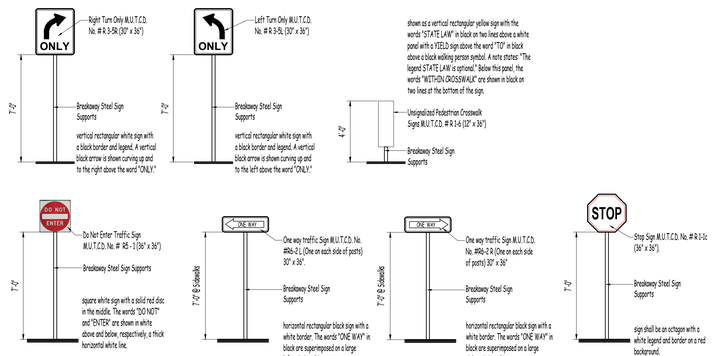
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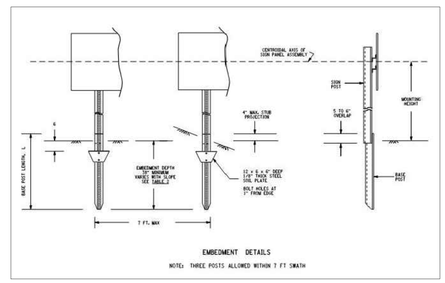
Parking Lot Arrow Detail

Scale: None



Typical Site Signs

Scale: None



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REGISTERED ARCHITECT MICHAEL RICHARD BERTA STATE OF NEW YORK

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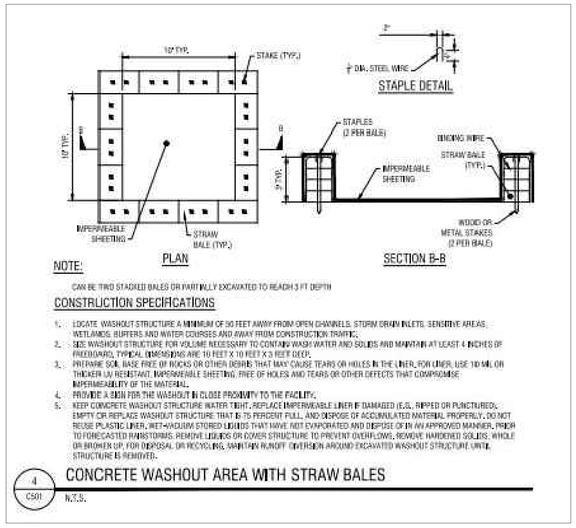
Date	Revision
February 27, 2025	Misc Revision per Review

Garbage Enclosure & Misc Site Details

Proposed Addition / Alteration For
Faith Apostolic Ministries Inc
103 South Grand Ave.
Poughkeepsie, New York

Date	October 20, 2024
Job No	2023-001
Scale	As Noted
Drawing	SP-3
Of	

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NOTE:

CAN BE TWO STACKED BALES OR PARTIALLY EXCAVATED TO REACH 3 FT DEPTH

CONSTRUCTION SPECIFICATIONS

1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
2. SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
3. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
4. PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
5. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED (E.G., RIPPED OR PUNCTURED). EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET-VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

4 / CS01

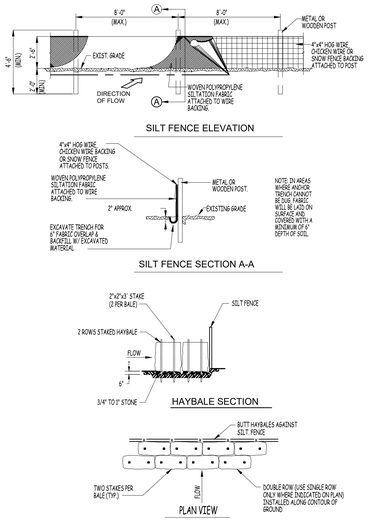
CONCRETE WASHOUT AREA WITH STRAW BALES

N.T.S.

Concrete Washout Note:

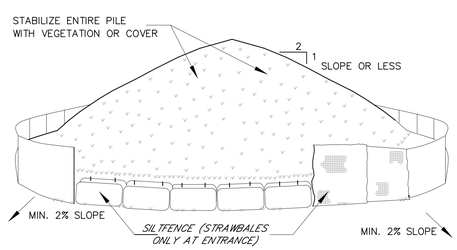
Vinyl Washout Container:
The vinyl washout container is portable, reusable, and easier to install than a hay bale washout pit. The biodegradable filter bag assists in extracting the concrete solids and prolongs the life of the vinyl container. When the bag is lifted, the water is filtered out and the remaining concrete solids and the bag can be disposed of together in a landfill, or the hardened concrete can be delivered to a recycler. After the solids have been removed several times and the container is full of washwater, the washwater can be allowed to evaporate, so the container can be reused. The washwater can be removed more quickly by placing another filter bag in the container and spreading water gelling granules evenly across the In about five minutes, the water in the filter bag will turn into a gel that can be removed with the bag. Then the gel and filter bag can be disposed to together.

Hay Bales:
A washout pit made with hay bales and a plastic lining . Such pits can be dug into the ground or built above The plastic lining should be free of tears or holes that would allow the washwater to escape. After the pit is used to wash down the chutes of multiple ready mixed trucks and the washwater has evaporated or has been vacuumed off, the remaining hardened solids can be broken up and removed from the pit. This process may damage the hay bales and plastic lining. If damage occurs, the pit will need to be repaired and relined with new plastic. When the hardened solids are removed, they may be bound up with the plastic lining and have to be sent to a landfill, rather than recycled. Recyclers usually accept only unmixed material. If the pit is going to be emptied and repaired more than a few times, the hay bales and plastic will be generating additional solid waste. Ready mixed concrete trucks can use hay bale washout pits, but concrete pump trucks have a low hanging hopper in the back that may prevent their being washed out into bale-lined pits.



Silt Fence / Hay Bale

Scale: None



NOTES:
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE DETAIL FOR INSTALLATION OF SILT FENCE.

SOIL STOCKPILING

SCALE: NTS

EROSION CONTROL STRUCTURES

The proposed site will be constructed in sections. During this construction erosion control, construction entrances, silt fences and seeding and mulching will be used as the primary erosion and sediment control devices.

In order for the erosion control structures to work properly they must be installed properly and maintained. Regular inspection and maintenance of erosion control devices is also essential to the efficiency of the entire system. Inspections shall be performed periodically as stated below and shall be performed after any major storms of two years or 2.5 inches in 24 hours or more every 7 days.

**All exposed surfaces shall be seeded and mulched within 48 hours of exposure

INSTALLATION GUIDELINES

The entire project's erosion control structures will work there must be an assurance that the erosion control practices are properly implemented. No site erosion control must be installed as per the final erosion control plan and in accordance with the Town Engineer. The erosion control shall be inspected by the Town Engineer or his representative before any work begins and must be started on the site until the erosion control is in place and accepted.

MAINTENANCE PLAN FOR EROSION CONTROL DEVICES

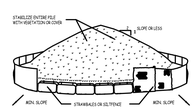
1. Temporary Erosion Control Devices

These structures shall include all erosion control devices that will be installed and utilized during the construction of the site. These shall include devices such as: catch basin hay bale barriers, diversions swales, silt traps and crushed stone construction entrance.

Once the devices are installed and inspected to assure that they are installed properly, the devices must be maintained in order to assure that they will continue to function properly. In order to do so the following list of procedures shall be followed during the construction phase of the project.

a. All erosion control devices shall be inspected at least once a week and after each rainfall of 0.5 inches or greater in a 24 hour period.
b. All erosion control devices shall be maintained in good working order.
c. Sediment shall be removed from behind the silt fence when it is one-half the height of the barrier.
d. Built up sediment will be removed from silt fence when it has reached approximately 6 inches in depth.
e. All fence will be inspected for depth of sediment, tears, to see if the fabric is securely attached to the fence post, and to see that the fence posts are firmly in the ground.
f. Diversion swales and dikes will be inspected and any and all breaches repaired.
g. Temporary seeding will be inspected for bare spots, washouts, and healthy growth. If required additional seeding shall be performed.
h. A maintenance report will be prepared after each inspection and kept.

i. All individuals performing the site inspection shall be familiar with the erosion control plan and be trained in all the inspection and maintenance practices required for the operation of erosion and sediment controls used onsite in good working condition.
j. Inlet protection around catch basins shall be installed as necessary or as directed by the Design Engineer and or the Town Engineer.



INSTALLATION NOTES

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILTFENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS FOR INSTALLATION OF SILTFENCE.

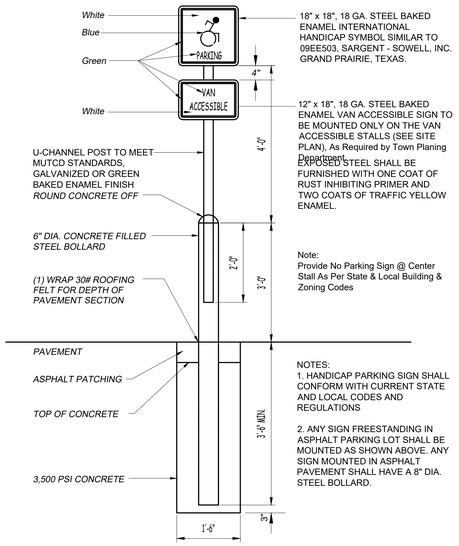
USE SILTSACK BY ATLANTIC CONSTRUCTION FABRICS, INC. OR APPROVED EQUAL.

Typical Filter Bag Detail

Scale: None

Temporary Fence Detail

Scale: None



18" x 18", 18 GA. STEEL BAKED ENAMEL INTERNATIONAL HANDICAP SYMBOL, SIMILAR TO 09EE503, SARGENT - SOWELL, INC. GRAND PRAIRIE, TEXAS.

12" x 18", 18 GA. STEEL BAKED ENAMEL VAN ACCESSIBLE SIGN TO BE MOUNTED ONLY ON THE VAN ACCESSIBLE STALLS (SEE SITE PLAN), As Required by Town Planing Department.

EXPOSED STEEL SHALL BE FURNISHED WITH ONE COAT OF RUST INHIBITING PRIMER AND TWO COATS OF TRAFFIC YELLOW ENAMEL.

Note:
Provide No Parking Sign @ Center Stall As Per State & Local Building & Zoning Codes

NOTES:
1. HANDICAP PARKING SIGN SHALL CONFORM WITH CURRENT STATE AND LOCAL CODES AND REGULATIONS

2. ANY SIGN FREESTANDING IN ASPHALT PARKING LOT SHALL BE MOUNTED AS SHOWN ABOVE. ANY SIGN MOUNTED IN ASPHALT PAVEMENT SHALL HAVE A 8" DIA. STEEL BOLLARD.

Handicapped Sign Detail

Scale: None

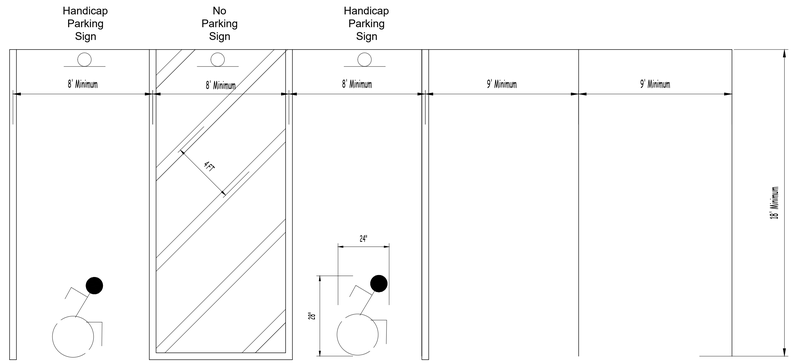
General Pavement Marking Notes:

1. All pavement markings shall be placed in accordance with the mutcd, nysdot specifications, details and supplements and ada requirements.
2. Handicap space markings shall be blue or blue with white background.
3. Non-hanicap markings shall be white or yellow. non-handicap markings shall not be blue.
4. Minimum width of painted stall lines shall be 4" or as shown in detail or on plan.
5. Pavement surface shall be cleaned and prepared in accordance with nysdot standard specifications section 635.
6. Application of pavement marking paint shall be in accordance with nysdot standard specifications section 640.
7. Pavement markings shall be epoxy paint in accordance with nysdot standard specifications section 727-03
8. Excess paint and tools to be disposed and cleaned properly. paint and cleaning materials are not poured on ground or in sewers.

ADA Parking Space Size Specifications:

1. Accessible parking spaces need to be at least 96 inches (2440 mm or 8 feet) wide and should have an adjacent access aisle.
2. An adjacent access aisle that is 8 feet wide is required.
3. Regulations allow two adjacent parking spaces to share a common access aisle.
4. Parking spaces and access aisles shall be in level with surface slopes not exceeding 1:50 (2%) in all directions.
5. All access aisles should remain free of obstructions at all times. Parked vehicle overhangs shall not reduce the clear width of an accessible route.
6. The boundary of the access aisle must be clearly marked. The end may be a curved or square shape.
7. Vertical Clearance: A minimum 98-inch of height clearance at van parking space, access aisle, and on vehicular route to and from van space is required.
8. All parking spaces, access aisle, signage and accessible routes shall comply with ICC/ANSI A117.1 & all local and state codes.





Handicap Parking Plan & Details

Scale: None

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REGISTERED ARCHITECT MICHAEL RICHARD BERTA STATE OF NEW YORK

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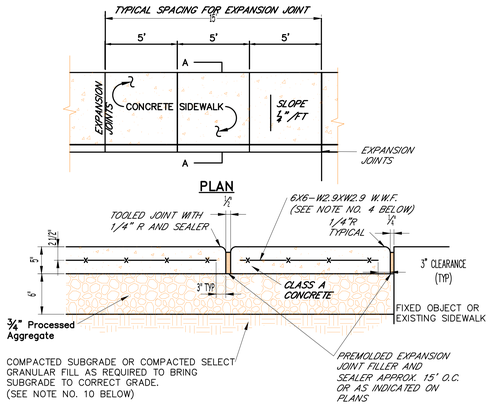
Date	Revision
February 27, 2025	Misc Revision per Review

Site Details

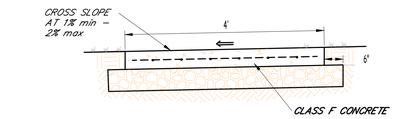
Proposed Addition / Alteration For:
Faith Apostolic Ministries Inc
103 South Grand Ave
Poughkeepsie, New York

Date	October 20, 2024
Job No	2023-001
Scale	As Noted
Drawing	SP-4
Of	Five

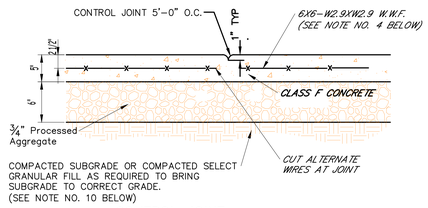
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EXPANSION JOINT



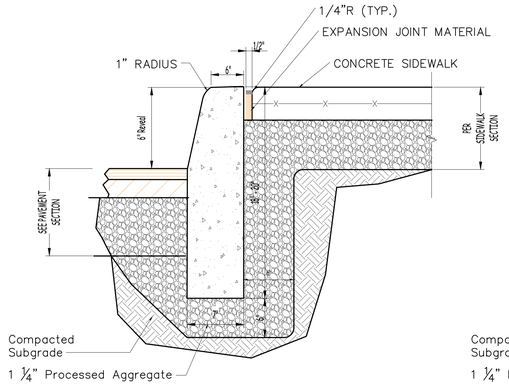
SECTION A–A



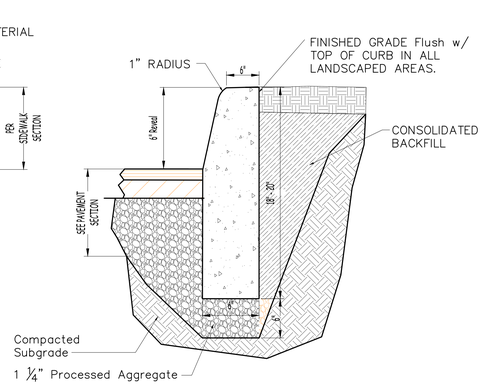
CONTROL JOINT

NOTES:

1. Sidewalk to be Constructed in Accordance w/ NYSDOT STANDARD SPECIFICATIONS SECTIONS 500 & 608
2. MATERIAL AND METHODS OF CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE NYSDOT STANDARD SPECIFICATIONS DATED JANUARY 9TH, 2014 AND ALL FOLLOWING ADDENDA.
3. ALL CONCRETE SHALL BE 4,500 PSI CLASS F CONCRETE. CONCRETE MATERIALS, PLACEMENT, AND CONSTRUCTION SHALL CONFORM WITH SECTION 500 OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
4. REINFORCING STEEL FOR CONCRETE SHALL CONFORM WITH SECTION 550 FOR CONCRETE STRUCTURES OF THE ABOVE REFERENCED STANDARD SPECIFICATIONS AND AS SPECIFICALLY CALLED OUT IN THE DRAWINGS.
5. ALL EXPOSED SURFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH.
6. EXPANSION JOINTS SHALL BE LOCATED A MAXIMUM OF 15' ON CENTER, OR AS INDICATED ON PLANS.
7. JOINTS SHALL NOT BE SAW CUT.
8. EXPOSED CONCRETE SURFACES SHALL BE TREATED WITH "SALTGUARD W8" WATER & SALT SEALER, OR EQUAL. RATE AND METHOD OF APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
9. PROCESSED AGGREGATE MATERIAL SHALL CONFORM WITH SECTION 500 OF THE ABOVE REFERENCED NYSDOT STANDARD.
10. WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSE OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL PLACED SHALL BE IN CONFORMATION WITH SECTION 200 OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
11. CONCRETE SHALL BE SEALED WITH A SALT RESISTANT SEALER.



ABUTTING SIDEWALK



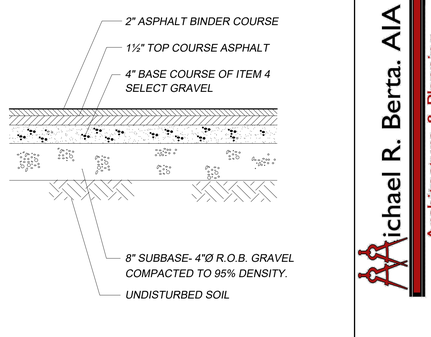
ABUTTING GRASS OR LANDSCAPE

NOTES:

1. CONCRETE CURB SHALL BE 4,500 PSI CAST-IN-PLACE, AND IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATIONS SECTIONS 500 & 608
2. EXPANSION JOINTS OF 11/16" CELLULOSE OR SIMILAR MATERIAL SHALL BE PLACED AT 8 FOOT INTERVALS in accordance w/ NYSDOT SECTION 609

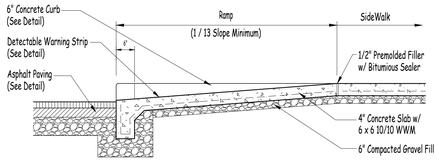
Cast-in-Place Concrete Curb Detail - Outside NYSDOT Right Away

NOT TO SCALE



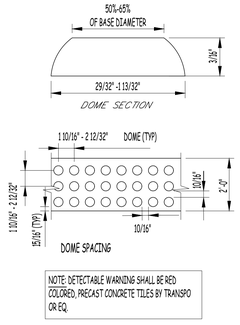
Paving Detail

Scale: None



Section Thru Sloped Sidewalk

Scale: None



NOTE: DETECTABLE WARNING SHALL BE RED COLORED, PRECAST CONCRETE TILES BY TRANSPO OR EQ.

Detectable Warning Strip

Scale: None

SIDEWALK AND CONCRETE PAVING NOTES:

SIDEWALK AND CONCRETE PAVING NOTES:

CONSTRUCT SIDEWALK IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATIONS SECTIONS 500 AND 608

MATERIAL AND METHODS OF CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE NYSDOT STANDARD SPECIFICATIONS DATED JANUARY 9TH, 2014 AND ALL FOLLOWING ADDENDA.

CONCRETE SHALL BE 4,500 PSI CLASS F CONCRETE. CONCRETE MATERIALS, PLACEMENT, AND CONSTRUCTION SHALL CONFORM WITH SECTION 500 OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.

REINFORCING STEEL FOR CONCRETE SHALL CONFORM WITH SECTION 550 FOR CONCRETE STRUCTURES OF THE ABOVE REFERENCED STANDARD SPECIFICATIONS AND AS SPECIFICALLY CALLED OUT IN THE DRAWINGS.

EXPOSED SURFACES SHALL HAVE AN EXPOSED AGGREGATE FINISH.

EXPANSION JOINTS SHALL BE LOCATED A MAXIMUM OF 15' ON CENTER, OR AS INDICATED ON PLANS.

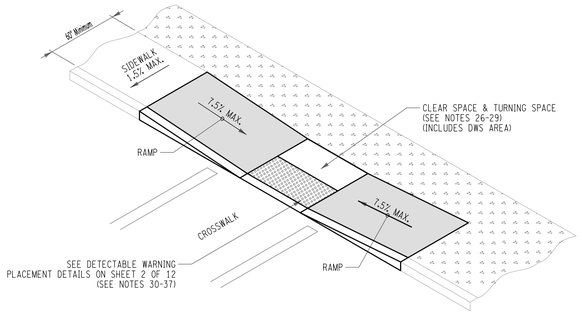
JOINTS SHALL NOT BE SAW CUT.

EXPOSED CONCRETE SURFACES SHALL BE TREATED WITH "SALTGUARD W8" WATER & SALT SEALER, OR EQUAL. RATEAND METHOD OF APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

PROCESSED AGGREGATE MATERIAL SHALL CONFORM WITH SECTION 500 OF THE ABOVE REFERENCED NYSDOT STANDARD.

WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSE OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL PLACED SHALL BE IN CONFORMATION WITH SECTION 200 OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.

CONCRETE SHALL BE SEALED WITH A SALT RESISTANT SEALER.



Curb Ramp Configuration: Type 9 Mid-Block Crossing or T Intersection

Curb Ramp Notes:

18. The Minimum Clear Width of a Curb Ramp Shall Be 4'-0". The Departments Preferred Clear Width Is 5'-0".
19. The Maximum Grade (Running Slope) For Design and Layout of a Curb Ramp Shall Be 7.5%. The Grade for Work Acceptance Shall Be a Maximum Of 8.3%.
20. Where The Terrain Does Not Allow Construction of a Curb Ramp with A Grade (Running Slope) Of 8.3% Or Less Within 15'-0", The Ramp Length Shall Not Be Required to Exceed 15'-1" For Design and Layout Of, 15'-0" For Work Acceptance.
21. The Cross Slope of The Curb Ramp Shall Be as Flat as Possible and Still Provide Positive Drainage. The Cross Slope of a Curb Ramp Shall Be 1.5% Maximum for Design and Layout, And Maximum for Work Acceptance. The Following Exceptions Are Allowed:
    Where Pedestrian Street Crossings Are Provided at Intersections Where There Is No Yield or Stop Sign, Or Where There Is a Traffic Signal That Is Designed for The Green Phase, And at Midblock Crossings, The Cross Slope of The Curb Ramp Shall Be Permitted to Equal the Street Or Highway Grade.
22. Where The Existing Roadway Grade Exceeds the Maximum Allowable Cross Slope for A Curb Ramp and Cannot Be Corrected Within the Scope of The Project. The Ramp Should Be Designed and Constructed in Accordance with the "Curb Ramp Cross Slope Transition" Detail on Sheet 8 Of 12. The Ramp May Need to Be Justified as A Nonstandard Feature. See Note 3 On This Sheet.
23. Ramp Side Options Are Detailed on Sheet 3 Of 12. Where A Pedestrian Circulation Path Crosses the Curb Ramp, Flared Sides Shall Be installed With a Maximum Slope Of 9.5% For Design and Layout, And 10% Maximum for Work Acceptance. A Pedestrian Circulation Path Is Assumed to Cross the Curb Ramp When Area Adjacent to The Ramp Is Paved and Free of Vertical Obstructions That Would Prevent Pedestrian Passage. There Is No Maximum Flare Slope for A Ramp That Is Not Crossed by A Pedestrian Circulation Path.
24. The Back Side of a Parallel Ramp Should Be Graded to A Maximum Slope Of 25% To Match Existing Terrain, Unless Otherwise Shown in The Contract Documents. Where Grading Is Not Feasible Due to Limited Row or Physical Constraints, A Back Curb May Be Installed. See Details on Sheet 3 Of 12 And Sheet 9 Of 12.
25. The Departments Preference Is to Install Two Separate Curb Ramps At A Street Corner That serves Two Separate Pedestrian Crossings. With Each Ramp Aligned To The Crossing That It serves. Where Existing Physical Constraints Prevent Separate Ramps, A Single Curb Ramp (I.E., A Diagonal Curb Ramp) Is Permitted To Serve Both Pedestrian Crossings

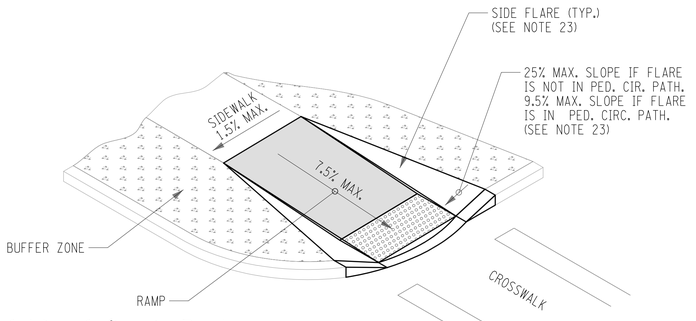
Turning Space and Clear Space Notes

26. Where A Change In Direction Is Required To Utilize A Curb Ramp, A Turning Space Shall Be Provided At The Base Or The Top Of Curb Ramp. As Applicable, Turning Spaces Shall Be Permitted To Overlap Clear Spaces.
27. Where There Are No Vertical Constraints At The Back Of Sidewalk, (E.G., Vertical Curbs, Buildings, Fences) The Turning Space Dimensions Shall Be 4'-0" X 4'-0" Minimum. Where The Turning Space Is Constrained At The Back Of Sidewalk, The Turning Space Shall Be 4'-0" X 5'-0" Minimum. The 5'-0" Dimension Shall Be In The Direction Of The Ramp Run.
28. Turning Spaces Shall Not Be Designed With A Slope Greater Than 1.5% In Any Direction, While Providing Positive Drainage. The Maximum Slope For Work Acceptance Is 2.0%.
    Where Pedestrian Street Crossings Are Provided at Intersections Where There Is No Yield or Stop Sign, Or Where There Is A Traffic Signal That Is Designed For The Green Phase And At Mid-block Crossings, The Cross Slope Of The Turning Space Shall Be Permitted To Equal The Street Or Highway Grade. When A Ramp Exists Between the Turning Space and The Curb, The Cross Slope Of The Turning Space Should Be Less Steep Than The Roadway Grade And As Flat As Practicable Wherever Feasible
29. Below The Bottom Grade Break of A Curb Ramp, A Clear Space Of 4'-0" X 4'-0" Minimum Shall Be Provided Within The Width Of The Pedestrian Crosswalk, And Outside The Parallel Vehicle Travel Lane. Clear Space May Overlap Turning Spaces, Detectable Warning Surfaces, And Drop Curbs.

Detectable Warning Notes:

30. Detectable Warning Surfaces (DWS) Shall Be Provided at The Following Locations On Pedestrian Access Routes:
    A. Curb Ramps and Blended Transitions at Pedestrian Street Crossings.
    B. Pedestrian Refuge Islands (Where the Length of The Pedestrian Access Route Across the Refuge Island Is Greater Than Or Equal To 6').
    C. Pedestrian At-Grade Rail Crossings Not Located Within a Street Or Highway.
31. Detectable Warning Surfaces Shall Be Provided Where the Pedestrian Access Route Crosses Driveways With Signal, Yield Or Stop Control. Detectable Warning Surfaces Shall Not Be Provided At Crossings Of Uncontrolled Driveways.
32. With The Exception Of The Detectable Warning Surface Truncated Dome Details On Sheet 3 Of 12, Detectable Warning Domes Are Not Depicted To Scale On These Sheets.
33. Detectable Warning Fields Shall Extend 24" Minimum In The Direction Of Pedestrian Travel Across The Full Width Of The Curb Ramp Or Flush Surface, Excluding Any Flared Sides.
34. Some Detectable Warning Products Require A Concrete Border For Proper Installation. If Required, The Border Shall Not Exceed 2". Where The Back Of The Curb Edge Is Tooled To Provide A Radius, The Border Dimension Shall Be Measured From The Inside Edge Of The Curb Radius. Borders Cannot Be Included As Part Of The 24" Minimum Dimension Described In Note 33.
35. Where Curb Is Not Used, The Edge Of Pavement Shall Be Substituted For The Back Of Curb For Placement Of Detectable Warnings.
36. On Slopes Of 5% Or Greater, The Rows Of Domes Shall Be Aligned To Be Perpendicular Or Radial To The Lower Grade Break On The Ramp Run. Where Domes Are Arrayed Radially, They May Differ In Diameter And Center-To-Center Spacing Within The Ranges Specified On Sheet 2 Of 12. Dome Alignment That Is Perpendicular Or Radial To The Lower Grade Break Is Not Required On Slopes Of Less Than 5%.
37. The Detectable Warning Field Shall Be The Color Specified In The Contract Documents Or Meet The Requirements Of The Standard Specifications. Detectable Warning Surfaces Shall Contrast Visually With Adjacent Gutter, Street Or Highway, Or Pedestrian Access Route Surface, Either Light-On-Dark Or Dark-On-Light.

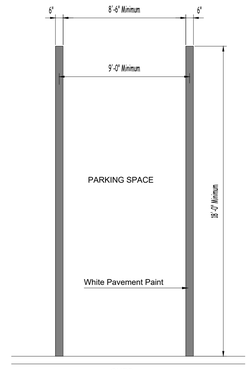
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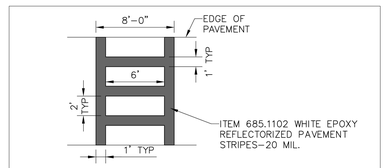


Curb Ramp Configuration: Type 1

NYSDOT ROW Curb Ramp Details

Scale: None





NOTES:

1. ALL CROSS WALK STRIPING SHALL BE WHITE.

TYPE LS CROSSWALK

4 SCALE: N.T.S.

General Pavement Marking Notes:

Pavement Markings Shall Be Placed in Accordance With The MUTCD, NYSDOT Specifications, Details And Supplements And Ada Requirements.

Handicap space markings shall be blue or blue with a white background.

Non-handicap markings shall be white or yellow. Non-handicap markings shall not be blue.

The minimum width of painted stall lines shall be 6" or as shown in detail or on plan.

The pavement surface shall be cleaned and prepared in accordance with NYSDOT standard specifications.

Application of pavement marking paint shall be in accordance with NYSDOT standard specifications.

Pavement markings shall be epoxy paint in accordance with NYSDOT standard specifications.

Excess paint and tools to be disposed of and cleaned properly. Paint and cleaning materials are not poured on ground or in sewers.

Parking Space & Crosswalk Detail

Scale: None

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Date	Revision
February 27, 2025	Misc Revision per Review

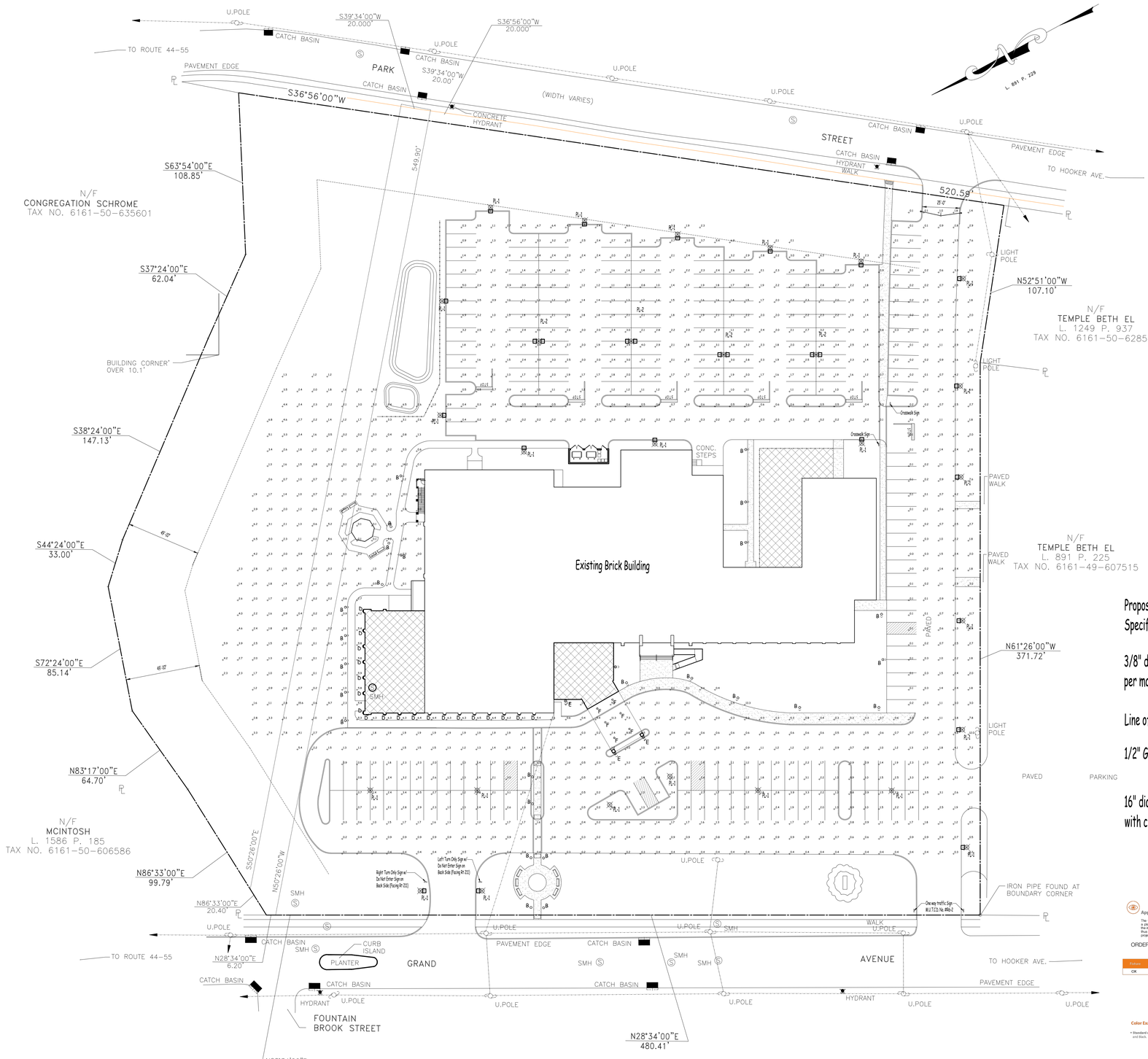
Site Details

Proposed Addition / Alteration For
Faith Apostolic Ministries Inc
101 South Grand Ave
Poughkeepsie, New York

Date	October 20, 2024
Job No	2023-001
Scale	As Noted
Drawing	SP-5
Of	

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Site Lighting Plan

Scale: 1" = 30'-0"

Note:
All Exterior Lighting To Be Dark Sky Compliant with Maximum Lighting Levels of 0.01 At Property Lines

SHIELDED FOR ZERO BLEED

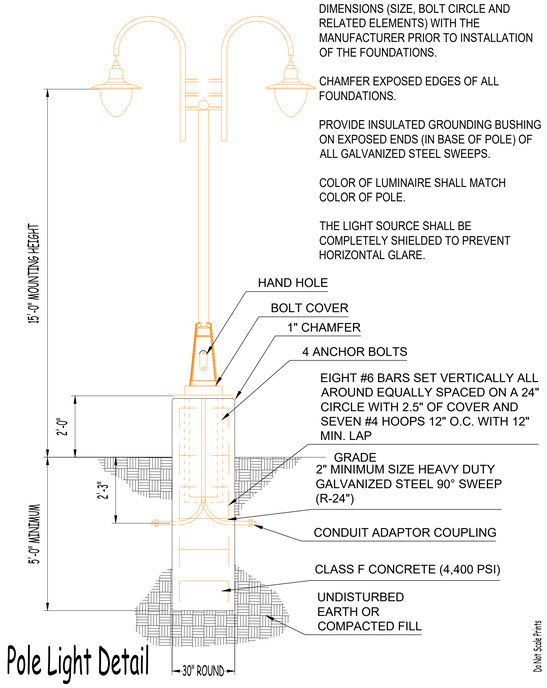
CHECK AND VERIFY ANCHOR BOLT DIMENSIONS (SIZE, BOLT CIRCLE AND RELATED ELEMENTS) WITH THE MANUFACTURER PRIOR TO INSTALLATION OF THE FOUNDATIONS.

CHAMFER EXPOSED EDGES OF ALL FOUNDATIONS.

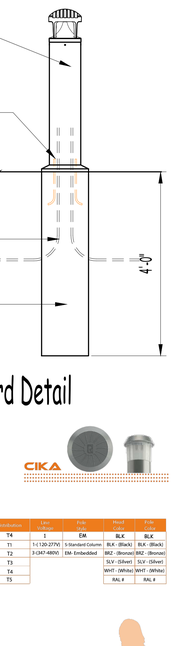
PROVIDE INSULATED GROUNDING BUSHING ON EXPOSED ENDS (IN BASE OF POLE) OF ALL GALVANIZED STEEL SWEEPS.

COLOR OF LUMINAIRE SHALL MATCH COLOR OF POLE.

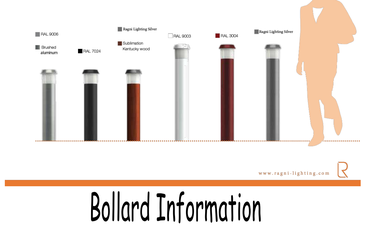
THE LIGHT SOURCE SHALL BE COMPLETELY SHIELDED TO PREVENT HORIZONTAL GLARE.



Pole Light Detail



Bollard Detail



Fixture	# LED	Size	CCT	Driver (mA)	Distribution	Lens	Finish	Mount	Pole
-CK	8	L	3 (3000)	50	T4	1	EM	BLK	BLK
	16	S - (35.4")	3 - (3000K)	35 - (350 mA)	T1	1 ('120-277V)	S Standard Column	BLK - (Black)	BLK - (Black)
		L - (45.2")	4 - (4000K)	50 - (500 mA)	T2	3 (347-480V)	EM Embedded	BRZ - (Bronze)	BRZ - (Bronze)
		C- (Custom)		70 - (700 mA)	T3			SLV - (Silver)	SLV - (Silver)
				C -(Custom)	T4			WHT -(White)	WHT -(White)
					T5			RAL #	RAL #

Bollard Information

Beta Pendant LED

selux

Project: _____

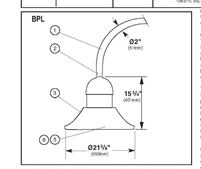
Type: _____ Qty: _____

BPL	Vonex	855	56700	30	8Z	240	PCT
Series	Mounting	Optics	Light Engine	CCT	Finish	Voltage	Options

SSA6	12'	8Z	8CS
Pole Series	Height	Finish	Pole Options

Series	Mounting	Optics	Light Engine	CCT	Finish	Voltage	Options
BPL Beta Pendant LED	1 Single 2C Double 3C Triple Cluster 4C Quadruple Cluster W Wall Mount P Pendant	R1 Type I R2 Type II R3 Type III R4 Type IV R5RR Type V (Round) R5SS Type V (Square)	SG350 *Nominal 33W SG530 *Nominal 48W SG700 *Nominal 64W SG105 *Nominal 87W SG140 *Nominal 126W	30 3000K 40 4000K	WH White BK Black BZ Bronze SV Silver SP Specify Premium Color	UNV 347 480 UNV- 120-277V	HS* (House Side Shield) DMT (Dimming 0-10V) PCT (Photocl Timers) HLF (Hi Lo Switching) RBC (NRTL Receptacle) Motion Sensor w/ Optional Photocell (Mvmt Rte 24 requirements) *Dim opts spec sheet for order code

*Optical HS only Cannot be combined. ** 120V, 240V, 277V only. ***Type II, III, & IV Only



1. Mounting Arm - (02" (51mm) curved arm attaches to pole by means of a transition fitter supplied with fixture.

2. Fixture Connection - The fixture cap is securely fastened to curved arm using a steel connector.

3. Fixture Hood - Decorative low-copper aluminum shade.

4. Gasketing - (Not shown) Continuous molded gaskets provide weatherproofing, dust, and insect control.

5. LED Array - High Flux LEDs mounted to metal core PCB and attached to external heat sink for maximum LED performance and life. CCT tolerance within a 3 step on any provided with a minimum CRI of 80. LED light engine has a reported lumen maintenance of 98% at 50,000 hours. L70 calculated greater than 100,000 hours.

6. LED Optics - (not shown) Technical Optics (R1, R2, R3, R4, R5S and R5R) use Selux signature light pattern acrylic lens holder to secure proprietary silicone optics. Internal micro-louver shield available for distributions types I, II, III & IV.

7. LED Driver - (not shown) LEDs are driven by RoHS compliant constant current programmable LED driver. Driver includes 0-10V dimming to 10%, standard on all versions. Driver Assembly located inside the head and accessible through the the hinged door.

8. Surge Protection - (Not shown) 3-Pole Surge protection device protects sensitive driver components from indirect lighting strikes and surges up to (10kA and 10kV). RoHS compliant.

Exterior Luminaire Finish - Selux utilizes a high quality TGIC polyester powder. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as UV stability and color and color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI. Standard exterior colors are White (WH), Black (BK), Bronze (BZ) and Silver (SV). Other premium colors (SP) are available, please specify from your Selux color selection guide.

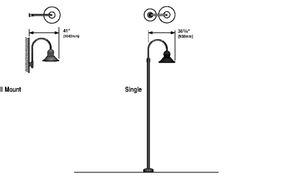
5 Year Limited LED Luminaire Warranty - Selux offers a 5 Year Limited Warranty to the original purchaser that the Beta Pendant LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture. LED light engine to be properly installed and operated according to Selux instructions. Fixture suitable for ambient temperature of 40° C (104° F). For details and exclusions, see "Selux Terms and Condition of Sale."

Listings and Ratings - Tested to IESNA LM-79-08 and LM-80 test standards at 25°C ambient temperature. Rated for wet locations.

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TEL (845) 834-1400
FAX (845) 834-1401
www.selux.us
BPL-0517-01 (rev1.27)

NRTL Listed (i.e. UL, CSA)

Wet Rated



Optional Accessories

Photo Cell Tenon (PCT) - Button type photocell mounted in cast aluminum pole top tenon. Tenon has integral cast visor to prevent false start/stop cycle and can be oriented for optimum performance. Refer to fixture spec sheet to determine if this option is applicable.

GFCI Receptacle (RBC) - GFCI duplex receptacle with cast base bolted to pole and gasketed, provided with weather-proof, self-closing cover; located 36" (915mm) from base of pole, inline with handhole. Receptacle is intended only for portable tools or other portable equipment to be connected to outlet only when attended by operating personnel.

Note:
Selux reserves the right to change or discontinue products without notice. Selux makes no warranty, representation or guarantee regarding the suitability of its products for any particular purpose. Selux assumes no liability arising out of the application or use of any product and disclaims all such liability, including that for incidental or consequential damages. Selux shall not be liable for any damages arising out of personal injuries. Selux makes no warranty that its products do not infringe upon any other patents. Selux neither assumes nor authorizes any person to assume for it any other liability in connection with the sale of our products. This warranty is exclusive and is in lieu of all other warranties, expressed or implied (including warranties of merchantability or fitness for a particular purpose). Specifications subject to change without notice.

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REGISTERED ARCHITECT MICHAEL RICHARD BERTA 026 STATE OF NEW YORK

Date	Revision
February 27, 2025	Misc Revision per Review
August 28, 2024	Misc Revision per Review
May 22, 2024	Misc Revision per Review
April 23, 2024	Misc Revision per Review

Do Not Scale Prints

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Proposed Lighting Plan and Details

Proposed Addition / Alteration For
Faith Apostolic Ministries Inc
103 South Grand Ave
Poughkeepsie, New York

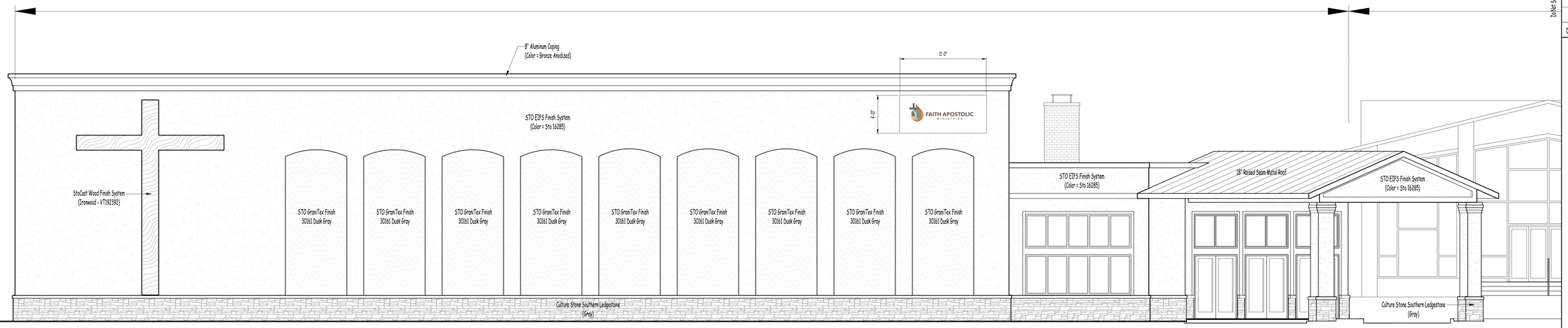
Date	August 28, 2023
Job No	2023-001
Scale	As Noted
Drawing	LT-1
Of	

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Phase II



Phase One



Phase One

Phase Two



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Date	Revision

Proposed Front & Left Side Elevations

Proposed Addition / Alteration For
Faith Apostolic Ministries Inc
310 South Grand Ave
Poughkeepsie, New York

Date	February 27, 2025
Job No	2023-001
Scale	As Noted
Drawing	Pre-1
Of	Three

Phase II

Proposed Stage
12" Raised Platform

Lin. of Mezzanine Above

Proposed
Youth Center
2,875 sf

Up 11 Risers

Ramp Down

Proposed
Classroom
794 sf

Window Above

Window Above

Proposed
Choir Practice Rm
930 sf

Bookshelf

Toilet

Dressing Rm

Dressing Rm

Dressing Rm

Dressing Rm

Men's Toilet

Women's Toilet

Proposed
Classroom
800 sf

Proposed
Baptismal Room
500 sf

Dryer

Dryer

Laundry

Washer

Washer

Janitor Closet

Wheelchair Lift

Up 7 Risers

60 Seats

30 Seats

39 Seats

Sound Booth

Production Room

Proposed Choir Loft
44 Seats

Proposed Stage
36" Raised Platform

Proposed
Sanctuary
8,363 sf
528 Seats

108 Seats

95 Seats

96 Seats

Lin. of Mezzanine Above

80 Seats

20 Seats

28 Seats

Up 7 to Mezzanine

40'-0"
Addition

40'-0"
Addition

Existing Building To Remain

ROOM #13
CEILING: N.A.
ELEV: 0'-0"

ROOM #14
CEILING: N.A.
ELEV: 0'-0"

Coonidor
Ceiling Height = 12'-6"
Finish Floor Elevation = 0'-0"

4 Risers @ 6.5"
Treads @ 11"

ROOM #15
CEILING: N.A.
ELEV: 0'-0"

Reception

Proposed
Entry Lobby
1340 sf

Water Feature
w/ Seating Wall

Main Building Lobby
Ceiling Height = 13'-9"
Finish Floor Elevation = 0'-0"

Lin. of Marina Above

42" High Knee-Wall w/ Glass Panel

Closet

Cafe
225 sf

Coffee Station

Shelves

Mailing Station

Existing Office
To Remain

Existing Office
To Remain

Entry

ADA Compliant
Counter

Phase II

Phase I

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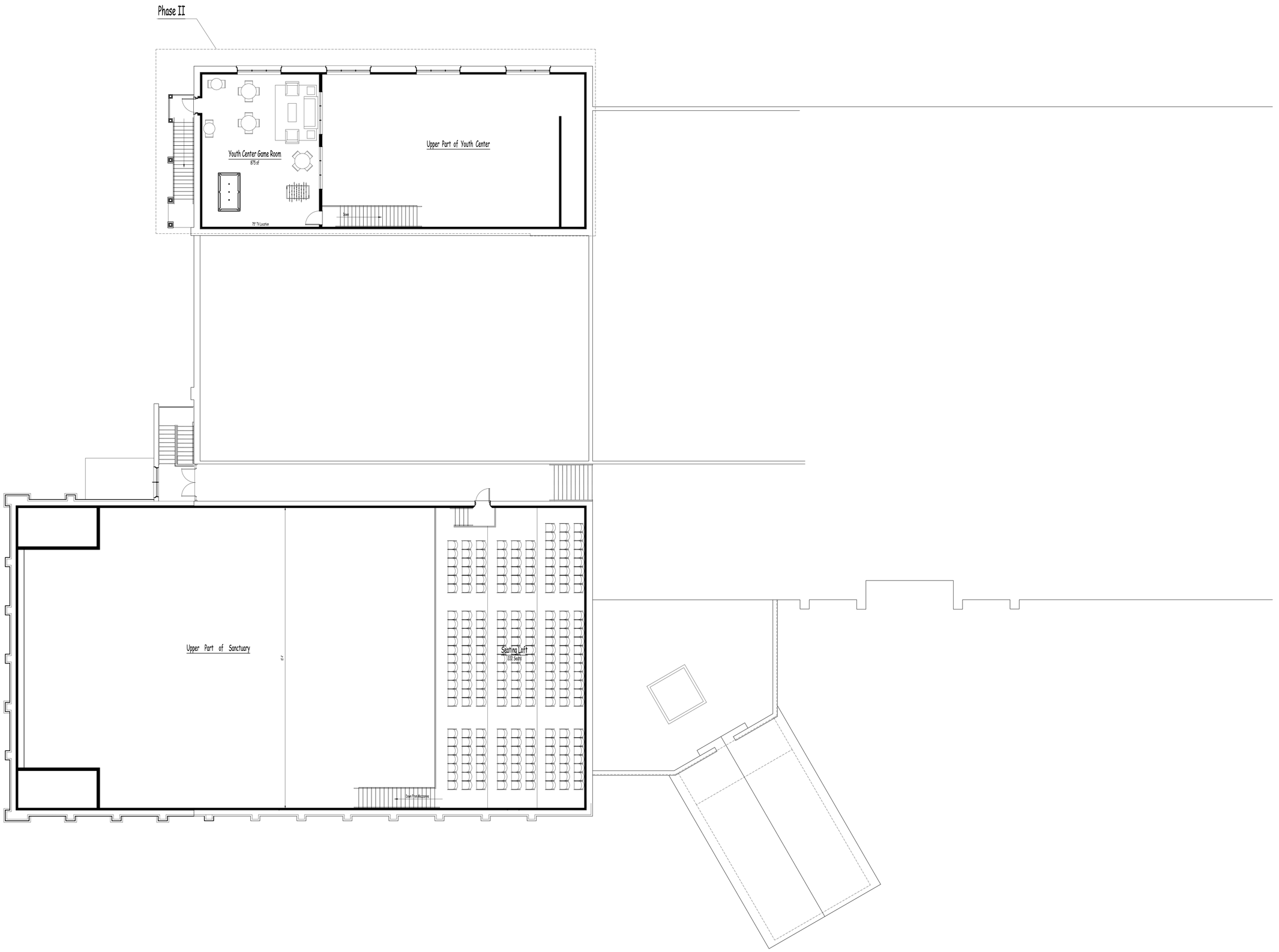
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Date	Revision
April 20, 2024	Misc Revision per Review

Proposed First Floor Plan

Proposed Addition / Alteration For:
Faith Apostolic Ministries Inc
110 South Grand Ave
Poughkeepsie, New York

Date: August 28, 2023
Job No: 2023-001
Scale: 1/8" = 1'-0"
Drawing: Pre-2
Of: Three



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Date	Revision

Proposed Second Floor Plan

Proposed Addition / Alteration For:
Faith Apostolic Ministries Inc
110 South Grand Ave.
Poughkeepsie, New York

Date: August 28, 2023

Job No: 2023-001

Scale: 1/8" = 1'-0"

Drawing: Pre-3
Of: Three

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Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: FAITH APOSTOLIC MINISTRIES REDEVELOPMENT		
Project Location (describe, and attach a general location map): 110 SOUTH GRAND AVE POUGHKEEPSIE NY 12603		
Brief Description of Proposed Action (include purpose or need): This project is the redevelopment of an existing commercial/religious building with parking located between the east side of South Grand Avenue and west side of Park Avenue in the City of Poughkeepsie, Dutchess County, New York. The tax parcel 131300-6161-49-620556-0000 has an area of 6.4 +/- with one existing building with asphalt driveways and parking. The site is on municipal sewer and water. The project site is located in a section of the City of Poughkeepsie with separate storm and sanitary.		
Name of Applicant/Sponsor: Faith Apostolic Ministries Inc	Telephone: 347-772-0851 E-Mail: faithapostollcny@gmail.com	
Address: 110 South Grand Ave		
City/PO: Poughkeepsie	State: NY	Zip Code: 12603
Project Contact (if not same as sponsor; give name and title/role): Michael A. Berta AIA Project Arichitect	Telephone: 845-489-1689 E-Mail: mike@bertaarchitects.com	
Address: 7 Robert Drive		
City/PO: Poughkeepsie	State: NY	Zip Code: 12603
Property Owner (if not same as sponsor): Faith Apostolic Ministries Inc	Telephone: 347-772-0851 E-Mail: faithapostollcny@gmail.com	
Address: 110 South Grand Ave		
City/PO: Poughkeepsie	State: NY	Zip Code: 12603

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B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)		
Government Entity	**If Yes: Identify Agency and Approval(s) Required**	**Application Date (Actual or projected)**
a. City Counsel, Town Board, or Village Board of Trustees ☐Yes☐No		
b. City, Town or Village Planning Board or Commission ☑Yes☐No	City Planning Board site plan	
c. City, Town or Village Zoning Board of Appeals ☑Yes☐No	City ZBA	
d. Other local agencies ☐Yes☐No		
e. County agencies ☐Yes☐No		
f. Regional agencies ☐Yes☐No		
g. State agencies ☐Yes☐No		
h. Federal agencies ☐Yes☐No		

i. Coastal Resources.
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes☑No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☑Yes☐No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes☑No

- **If Yes,** complete sections C, F and G.
- **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☑Yes☐No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐Yes☑No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☐Yes☑No

If Yes, identify the plan(s):

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes☑No

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
R2

b. Is the use permitted or allowed by a special or conditional use permit? ☑ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i. What is the proposed new zoning for the site?

C.4. Existing community services.

a. In what school district is the project site located? City of Pouighkeepsie

b. What police or other public protection forces serve the project site?
City of Poughkeepsie

c. Which fire protection and emergency medical services serve the project site?
City of Poughkeepsie

d. What parks serve the project site?
Pershing Ave and King Street parks

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? place of worship and daycare

b. a. Total acreage of the site of the proposed action? 6.39 acres
b. Total acreage to be physically disturbed? 2.5 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 6.39 acres

c. Is the proposed action an expansion of an existing project or use? ☑ Yes ☐ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % 12% Units: 4295 sf increase

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
ii. Is a cluster/conservation layout proposed? ☐ Yes ☑ No
iii. Number of lots proposed?
iv. Minimum and maximum proposed lot sizes? Minimum Maximum

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: 12 months
ii. If Yes:
- Total number of phases anticipated
- Anticipated commencement date of phase 1 (including demolition) month year
- Anticipated completion date of final phase month year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:

f. Does the project include new residential uses? ☐Yes ☑No

If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase				
At completion of all phases				

g. Does the proposed action include new non-residential construction (including expansions)? ☑Yes ☐No

If Yes,

i. Total number of structures 1

ii. Dimensions (in feet) of largest proposed structure: 31' height; 68' width; and 40' length

iii. Approximate extent of building space to be heated or cooled: 8,190 square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐Yes ☑No

If Yes,

i. Purpose of the impoundment:

ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐Other specify:

iii. If other than water, identify the type of impounded/contained liquids and their source.

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? ☑Yes ☐No
(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)

If Yes:

i .What is the purpose of the excavation or dredging? construction of building expansion and parking lot

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): 3,000 CY
- Over what duration of time? 12 months

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

clay loam earth to be excavted and removed from site

iv. Will there be onsite dewatering or processing of excavated materials? ☐Yes ☑No
If yes, describe.

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? ☐Yes ☐No

ix. Summarize site reclamation goals and plan:

area disturbed will be for the construction of additions to the existing building and or parking lot with detention pond.

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐Yes ☑No

If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description):

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐Yes ☑No
If Yes, describe:

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐Yes ☑No
If Yes:

- acres of aquatic vegetation proposed to be removed:
- expected acreage of aquatic vegetation remaining after project completion:
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access):
- proposed method of plant removal:
- if chemical/herbicide treatment will be used, specify product(s):

v. Describe any proposed reclamation/mitigation following disturbance:

c. Will the proposed action use, or create a new demand for water? ☑Yes ☐No
If Yes:

i. Total anticipated water usage/demand per day: WEEKDAY 1150 SUNDAY 2250 gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☑Yes ☐No
If Yes:

- Name of district or service area: CITY OF POUGHKEEPSIE
- Does the existing public water supply have capacity to serve the proposal? ☑Yes ☐No
- Is the project site in the existing district? ☑Yes ☐No
- Is expansion of the district needed? ☐Yes ☑No
- Do existing lines serve the project site? ☑Yes ☐No

iii. Will line extension within an existing district be necessary to supply the project? ☐Yes ☑No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project:
- Source(s) of supply for the district:

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐Yes ☑No
If, Yes:

- Applicant/sponsor for new district:
- Date application submitted or anticipated:
- Proposed source(s) of supply for new district:

v. If a public water supply will not be used, describe plans to provide water supply for the project:

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☑Yes ☐No
If Yes:

i. Total anticipated liquid waste generation per day: WEEK 1150 S 2250 gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):
SANITARY WASTE WATER

iii. Will the proposed action use any existing public wastewater treatment facilities? ☑Yes ☐No
If Yes:

- Name of wastewater treatment plant to be used: CITY OF POUGHKEEPSIE
- Name of district: CITY OF POUGHKEEPSIE
- Does the existing wastewater treatment plant have capacity to serve the project? ☑Yes ☐No
- Is the project site in the existing district? ☑Yes ☐No
- Is expansion of the district needed? ☐Yes ☑No

- Do existing sewer lines serve the project site? ☑Yes ☐No
- Will a line extension within an existing district be necessary to serve the project? ☐Yes ☑No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐Yes ☑No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☑Yes ☐No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or 1.24 acres (impervious surface)

_____ Square feet or 6.39 acres (parcel size)

ii. Describe types of new point sources. NEW IMPERVIOUS FOR BUIDNG EXPANSION AND PARKING LOT

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

WILL BE COLLECTED AND DISCHARGE TO UNDERGROUND CHAMBERS AND THEN OFFSITE TO A DITCH

- If to surface waters, identify receiving water bodies or wetlands: DITCH FLOWS TO CASPER CREEK
- Will stormwater runoff flow to adjacent properties? ☑Yes ☐No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☑Yes ☐No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☑Yes ☐No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

DURING CONSTRUCTION CONSTRUCTION EQUIPMENT FOR GRADING AND PAVING WILL BE USED

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

NONE

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

BOILER AND FURNANCE FOR BUIDING

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐Yes ☑No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐Yes ☐No

ii. In addition to emissions as calculated in the application, the project will generate:

- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☑Weekend
☑ Randomly between hours of 8 to 12 NOON.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

iii. Parking spaces: Existing 62 Proposed 218 Net increase/decrease 156

iv. Does the proposed action include any shared use parking? ☐Yes ☑No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☑Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☑No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☑No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☐Yes ☑No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action:
400 KwH PER DAY

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):
ON GRID WITH CHG&E

iii. Will the proposed action require a new, or an upgrade, to an existing substation? ☐Yes ☑No

l. Hours of operation. Answer all items which apply.

i. During Construction:
- Monday - Friday: 8 TO 5 PM
- Saturday: 8 TO 5 PM
- Sunday: NO WORK
- Holidays: NO WORK

ii. During Operations:
- Monday - Friday: 8 TO 5 PM
- Saturday: 8 TO 5
- Sunday: 8 TO 1 PM
- Holidays: 8 TO 1 PM

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:

i. Provide details including sources, time of day and duration:

DURING WORK HOURS CONSTRUCTION EQUIPMENT SUCH AS TRUCKS, DOZERS AND BACKHOES WILL BE OPERATED

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☑ Yes ☐ No

Describe: SOME TREES ON NORTH PROPERTY LINE WILL BE REMOVED , SUFFICIENT EXISTING TREES WILL REMAIN FOR SCREENING, SCREENING BY ADDITIONAL TREES WILL BE PROVIDED ON PARK AVE

n. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

PARKING LOT LIGHTING WILL BE PROVIDED BUT WILL BE DESIGNED PER DARK SKY REQUIREMENTS

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☑ Yes ☐ No

Describe: SOME TREES ON NORTH PROPERTY LINE WILL BE REMOVED , SUFFICIENT EXISTING TREES WILL REMAIN FOR SCREENING, SCREENING BY ADDITIONAL TREES WILL BE PROVIDED ON PARK AVE

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☑ Yes ☐ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

DURING CONSTRUCTION ODOR FROM CONSTRUCTION EQUIPMENT WILL BE GENERATED. AFTER CONSTRCUTION NO ADDITION ODORS ARE ANTICPATED

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally, describe the proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☑ Yes ☐ No

If Yes:

i. Describe proposed treatment(s):

AFTER CONSTRUCTION IS COMPLETED AND DUIRNG OPERATION OF TEH PROPOSED USE THE PROPOSED USE OF LAWN TREATMENT SUCH AS FERTIZERS AND WEED TREATMENT WILL BE USED

ii. Will the proposed action use Integrated Pest Management Practices? ☑ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☐ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: 500 tons per I YEAR (unit of time)
- Operation : 3 tons per WEEK (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: BRICKS , CONCRETE AND GENERAL BUIDING M,ATERAIL ASPHALT WILL BE MILLED AND USED ONSITE AS FILL
- Operation: NORMAL GARBAGE FROM OFFICE SUCH AS PAPER, PLASTIC UTNESILS AND FOOD REMAINS FROM LUCH

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: CONTAINERS TAKEN AWAY BY WASTE DISPOSAL COMPANY
- Operation: NORMAL WASTE DISPOSAL

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

THERE WILL NOT BE ANY HAZARDIUS WASTE GENERATED

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☑ Urban ☐ Industrial ☑ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)
☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	2.34	3.58	1.24
• Forested	1.61	0.9	-0.71
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	2.44	1.91	-0.53
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0	0
• Wetlands (freshwater or tidal)	0	0	0
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? ☐Yes ☑No

i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☑Yes ☐No

If Yes,

i. Identify Facilities:

PROPOSED SITE CURRENTLY OFFERS DAY CARE FOR CHILDREN AND WILL CONTINUE TO DO SO

e. Does the project site contain an existing dam? ☐Yes ☑No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

_____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐Yes ☑No

If Yes:

i. Has the facility been formally closed? ☐Yes ☐ No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

_____

iii. Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐Yes ☑No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

_____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐Yes ☑ No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐Yes ☐No

☐ Yes – Spills Incidents database — Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database — Provide DEC ID number(s): _____

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☐Yes ☑No

If yes, provide DEC ID number(s): _____

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

_____

v. Is the project site subject to an institutional control limiting property uses? ☐Yes ☑No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐Yes ☐No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? GREATER THAN 19 feet

b. Are there bedrock outcroppings on the project site? ☐Yes ☑No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site: Knickerbocker-Urban land complex, 100 %
_____ %
_____ %

d. What is the average depth to the water table on the project site? Average: 6.5 feet

e. Drainage status of project site soils: ☑ Well Drained: 100 % of site
☐ Moderately Well Drained: _____% of site
☐ Poorly Drained _____% of site

f. Approximate proportion of proposed action site with slopes: ☐ 0-10%: 96 % of site
☐ 10-15%: 2 % of site
☐ 15% or greater: 2 % of site

g. Are there any unique geologic features on the project site? ☐Yes ☑No
If Yes, describe: _____

h. Surface water features.
i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☐Yes ☑No
ii. Do any wetlands or other waterbodies adjoin the project site? ☑Yes ☐No
If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.
iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? STREAM OFFSITE ACROSS PARK AVE ☑Yes ☐No
iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐Yes ☑No
If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? ☐Yes ☑No

j. Is the project site in the 100-year Floodplain? ☐Yes ☑No

k. Is the project site in the 500-year Floodplain? ☐Yes ☑No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☑Yes ☐No
If Yes:
i. Name of aquifer: Principal Aquifer

m. Identify the predominant wildlife species that occupy or use the project site:
DEER IN WOODS ON NORTH

n. Does the project site contain a designated significant natural community? ☐ Yes ☑ No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation):

ii. Source(s) of description or evaluation:

iii. Extent of community/habitat:

- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☑ Yes ☐ No

If Yes:

i. Species and listing (endangered or threatened):

Indiana Bat

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐ Yes ☑ No

If Yes:

i. Species and listing:

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☑ No

If yes, give a brief description of how the proposed action may affect that use:

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐ Yes ☑ No

If Yes, provide county plus district name/number:

b. Are agricultural lands consisting of highly productive soils present? ☐ Yes ☑ No

i. If Yes: acreage(s) on project site?

ii. Source(s) of soil rating(s):

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐ Yes ☑ No

If Yes:

i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent:

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐ Yes ☑ No

If Yes:

i. CEA name:

ii. Basis for designation:

iii. Designating agency and date:

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☑ Yes ☐ No

If Yes:

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☑ Historic Building or District

ii. Name: Eligible property:Temple Beth-El

iii. Brief description of attributes on which listing is based:

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☐ Yes ☑ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☑ No

If Yes:

i. Describe possible resource(s):

ii. Basis for identification:

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☑ Yes ☐ No

If Yes:

i. Identify resource: WALKWAY OVER THE HUDSON

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): BRIDGE OVER THE HUDSON FRO WALKING

iii. Distance between project and resource: 2.3 miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

i. Identify the name of the river and its designation:

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

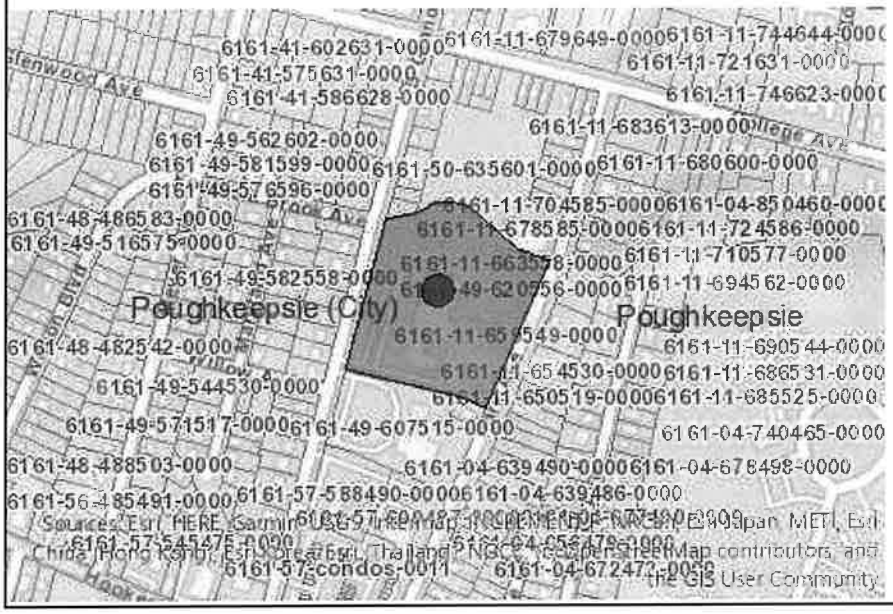
Applicant/Sponsor Name Michael R. Berta, AIA Date March 1, 2024

Signature  Title Architect

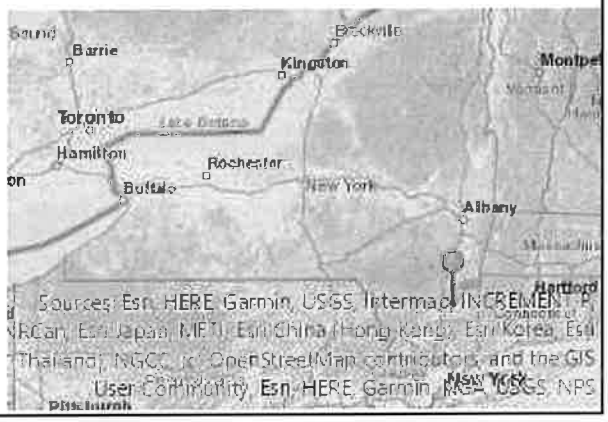
PRINT FORM

EAF Mapper Summary Report

Tuesday, February 27, 2024 5:57 PM



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	Yes
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	Yes

E.2.o. [Endangered or Threatened Species - Name]	Indiana Bat
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	Eligible property:Temple Beth-El
E.3.f. [Archeological Sites]	No
E.3.i. [Designated River Corridor]	No

THE CITY OF POUGHKEEPSIE
NEW YORK
DEVELOPMENT DEPARTMENT
62 CIVIC CENTER PLAZA, 2ND FLOOR
POUGHKEEPSIE, NY 12601
Phone: (845) 451-4263 Fax: (845) 451-4006

MEMORANDUM

To: Faith Apostolic Ministries Inc

From: Tyler Maegerle, Junior Planner

Date: 9/5/23

Re: 110 South Grand Avenue

Upon review of project materials provided by the applicant, including Short EAF Part 1 and site plan application, it is my understanding that the proposed action to be undertaken includes construction of an addition to a church and renovation of a youth center.

Based on the above description it is the determination of the planning division staff that the proposed action is classified as an Unlisted Action with regards to SEQRA, and therefore is subject to an uncoordinated or coordinated (optional) environmental review. This determination was made due to the fact that the proposed action was not expressly listed in 6 NYCRR Section 617.4 (Type I Actions) or 617.5 (Type II Actions).

110 SOUTH GRAND AVENUE
CITY OF POUGHKEEPSIE
DUTCHESS COUNTY, NEW YORK
TAX PARCEL: 131300-6161-49-620556-0000

FAITH APOSTOLIC MINISTRIES REDEVELOPMENT

STORMWATER POLLUTION PREVENTION PLAN

Prepared for:

FAITH APOSTOLIC MINISTRIES INC
110 S Grand Ave
Poughkeepsie, NY 12603

Prepared by:

BERGER ENGINEERING AND SURVEYING, PLLC
100 FULTON AVENUE
POUGHKEEPSIE NY 12603

December 23, 2024

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V	PROPOSED PHASE II WATER QUALITY TREATMENT	9
VI	PROPOSED EROSION AND SEDIMENT CONTROL PLAN	10
VII	CONCLUSION	14

APPENDICES

APPENDIX 1 SITE INFORMATION

Location Map
NYSDEC Runoff Reduction Planning Table
Flood Plain Map – FEMA
DEC-Environmental Resource Map
NRCS Soil Information
NYS Archeological CRIS Map
Watershed Map - Pre Development
Watershed Map - Post Development

APPENDIX 2 STORMWATER, EROSION & SEDIMENT CONTROL PLAN AND DETAILS

SH # C-1	Proposed Stormwater Plan
SH # C-2	Proposed Erosion and Sediment Control Plan
SH # CD-1	Proposed Erosion & Sediment Control and Stormwater Details

APPENDIX 3 WATER QUALITY & RUNOFF REDUCTION AND CHANNEL PROTECTION CALCULATIONS

APPENDIX 4 HYDROCAD OUTPUT

I INTRODUCTION

BACKGROUND

According to the New York State Department of Environmental Conservation website, http://www.dec.ny.gov/;

> New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwater as well as surface waters.

On January 29th, 2020, NYSDEC issued a new Stormwater Phase II permit. Proposed construction projects that involve one acre or more of land disturbance must obtain SPDES permit coverage through either an individual permit or the new General Construction Permit (GP 0-20-001).

This general permit is issued pursuant to Article 17, Titles 7, 8 and Article 70 of the ECL. An *owner or operator* may obtain coverage under this general permit by submitting a Notice of Intent ("NOI") to the Department. The NOI provides information to NYSDEC on the project, assures that a Stormwater Pollution Prevention Plan has been prepared, and is in place in accordance with the requirements of GP 0-20-001. Under GP-0-20-001 no more than five acres of land disturbance may occur at any time without written approval from the NYSDEC.

Retention of Records is mandatory for five (5) years. SWPPP and associated construction logbook must remain on-site and available for review by regulatory personnel at all times during normal business hours.

Prior submitting a Notice of Termination ("NOT") at the end of construction, the owner or operator has a mechanism in place that requires operation and maintenance of the stormwater practices in accordance with the operation and maintenance plan, such as a deed covenant in the owner or operator's deed of record per the General Permit.

OBJECTIVES

> *The purpose of this report is to perform a comprehensive drainage analysis of the site in compliance with GP 0-20-001 utilizing the "**New York State Standards and Specifications for Erosion & Sediment Control"** and the "**New York State Stormwater Management Design Manual"** to determine if any adverse offsite effects are caused by the construction of this proposed project. The report shall also recommend specific stormwater management practices that will mitigate these impacts, provide the required **Phase II Storm Water Quality Treatment**, and propose **Best Management Practices** to minimize soil erosion from the proposed construction.*

Proposed Erosion and sediment control mitigating measures include practices such as seeding and mulching, silt fence, stabilized construction entrance, stock piles, dust control and daily inspection and maintenance. Upon implementation of these mitigating measures as outlined in this report and the "***New York State Standards and Specifications for Erosion & Sediment Control***", the existing properties and adjoining owners are protected during construction.

> *The proposed stormwater mitigation for this redevelopment project is provided by above ground and underground infiltration. These practices shall be designed to provide runoff reduction, treat and control the stormwater runoff rate prior to reaching the surrounding properties.*

PROJECT OVERVIEW

This project is the redevelopment of an existing commercial/religious building with parking located between the east side of South Grand Avenue and west side of Park Avenue in the City of Poughkeepsie, Dutchess County, New York. The tax parcel 131300-6161-49-620556-0000 has an area of 6.4 +/- with one existing building with asphalt driveways and parking. The site is on municipal sewer and water. The project site is located in a section of the City of Poughkeepsie with separate storm and sanitary.

The redevelopment are small additions to the building, increased parking with drives and repaving the existing parking and driveways.

The area of work will include NYSDEC Regulated Disturbance and Non-regulated Disturbance. Regulated Disturbance is disturbance of soil. Non-regulated Disturbance is disturbance of existing impervious cover to a depth above the underlying soil. The Non-regulated Disturbance will be the milling, minor grading and repaving of the existing parking lot and driveway with the milling and grading depth not greater than existing gravel base depth.

The Regulated Disturbance is 2.9 acres (2.1 acres of new development and 0.8 acres of redevelopment). The Non-regulated Disturbance is 1.2 acres.

The following are the geographic coordinates for the project from NYSDEC Stormwater Interactive Mapper of Longitude of 73.908°W and Latitude of 41.689°N. The lot has approximately 480 +/- feet of frontage along South Grand Avenue, approximately 520 +/- feet along Park Avenue and lot width of approximately 500 +/- feet. See location map in Appendix 1

The proposed above ground infiltration will provide treatment, runoff reduction and control of storm water runoff rate. To protect the site from erosion and sediment during construction seeding and mulching, silt fence, stabilized construction entrance, stock piles, dust control, and daily inspection and maintenance will all be implemented.

The various runoff reduction techniques were evaluated to determine which were applicable to this project. See Appendix 1, for summary.

II SITE DESCRIPTION

The 6.4 +/- acre project site is situated between South Grand Avenue and Park Avenue in the City of Poughkeepsie. The site is an existing building, driveway and parking with lawn and light woods. Topography is flat. The site drains in five directions. The majority of the runoff from the site flows west and east to the two bounding roads. Most flows west to the road side closed municipal stormwater collection system, some flows east to the road side closed municipal stormwater collection system. A small portion of the site flows north to the adjoining property. The western South Grand Avenue closed system drains to the eastern Park Avenue closed system via a 78” RCP that crosses the property in an easement per City record drawings.

There are residential lots, religious buildings and commercial around the site area. See location map in Appendix 1.

FLOOD PLAIN

FEMA has established a national standard for flood protection. The standard is the 1-percent annual chance (100-year) flood. According to the FEMA Map Number 36027C0358E, Effective Date May 2, 2012, the site is in “Area of Minimal Flood Hazard, Zone X”. Appendix 1

STREAMS

There are no streams on site.

WATERBODIES

There are no water bodies on the site.

WETLANDS

There are no wetlands on the site.

CRITICAL ENVIRONMENTAL AREA

The site is not in a state listed Critical Environmental Area

HISTORIC PLACES

The project site is not in an Archeologically Sensitive Area. There are no historic buildings on the site. Map per the CRIS website is in Appendix 1.

SOILS WITHIN WATERSHED

The soils found on the site and in the proposed development area per USDA NRCS Web Soil Survey is Knickerbovkrt-Urban land complex (KuA). The USDA does not ascribe a Hydraulic Soil Group to this soil. Appendix 1.

Soils have different soil parameters pertaining to erosion and there susceptibility thereto. These parameters are referred to as soil erosion factors or K. The soil Erosion Factor (K) indicates the susceptibility of a soil to sheet and rill erosion by water. For all other factors being equal, the higher the K value the more susceptible the soil is to sheet and rill erosion by water. The rock free K value for the majority of soil on the site have no ascribed K Factor

All soils in the ounty are at some level susceptible to erosion and as such projects will include erosion and sediment control measures. The erosion and sediment control practices for this project are outlined in section VI Proposed Erosion and Sediment Control Plan later in this report.

On site soil exploration was performed on December 3 and December 4, 2024 by Berger Engineering and Surveying PLLC. The exploration included deep test pits and infiltration tests. The results are provided on plan Sheet C-1, Proposed Stormwater Plan. The exploration revealed the site is conditions for infiltration treatment.

WATERSHED DESCRIPTIONS

The area of development drains in five (5) discharge directions. Design Point One (DP-1) is easterly to Park Avenue and its existing catch basins. Design Point Two (DP-2) is in the north center to an existing catch basin located on the project property. Design Point Three (DP-3) is a low are in the northwest corner with overflow to the adjacent property. Design Point Four (DP-4) is and existing catch basin in the parking lot near the northwest corner of the building. Design Point Five (DP-5) is westerly to South Grand Avenue and its existing catch basins.

PRE-DEVELOPMENT WATERSHEDS

Map in Appendix 1

The Pre-development watershed is comprised of five (5) subsheds.

Pre-1 is 1.9 acres of on-site drainage on the east side of the building. The subshed contains existing asphalt drives and play area, open lawn and woods. The subshed drains east and northeast to the closed storm system along Park Avenue, DP-1.

Pre-2 is 0.2 acres of on-site drainage in the north central protion of the property flowing north to an existing on-site catch basin. The subshed contains existing woods. Over flow from the catch basin with runoff overland to the property to the north, DP-2.
Pre-3 is 0.3 acres of on-site drainage in the northwest corner of the property flowing to a low area. The subshed contains existing woods. The low area overflows to the property to the northwest, DP-3.

Pre-4 is 2.8 acres of on-site drainage on the west/northwest side of the building. The subshed contains existing asphalt drives and parking, the existing building roof, open lawn and woods. The subshed drains to an existing catch basin on the edge of the existing parking lot, DP-4. The discharge pipe from the catch basin goes north off the property to an unknown outlet location.

Pre-5 is 1.7 acres of on-site drainage on the south and west side of the building. The subshed contains existing asphalt drives and parking, a portion of the existing building roof and open lawn. The subshed drains west to the closed storm system along South Grand Avenue, DP-5.

III PROJECT DESCRIPTION

Proposed is redevlopment includes adding additions the existing structure, adding parking, milling the existing asphalt and constructing surface and subsurface infiltration facilities.

POST-DEVELOPMENT WATERSHEDS

Map in Appendix 1

The Post-development watershed is comprised of six (6) subsheds and five (5) design points.

Pst-1 is a total of 3.3 acres broken into 4 subsheds:

> Pst-1A is 1.8 acres of existing drives, new parking lot, and existing eastern building roof (redirected to the east rather than the existing route draining around the building to the existing site catch basin on the west side). This redirection increases the size of the Pst-1 watershed. The runoff will be captured and directed to a pretreatment plunge pool and the surface nfiltration basin. The discharge rate will be controlled before release to the closed storm system along Park Avenue, DP-1.
>
> Pst-1B is 0.3 acres of existing drives, new parking, open lawn and woods. The existing drive and new parking will be treated in a pretreatment plunge pool and the surface infiltration basin. The overflow from the basin and the remaineder of the subshed will drain to the east to the closed system along Park Avenue, DP-1.
>
> Pst-1C is 0.3 acres of open lawn. The area will be treated in a surface infiltration basin. The overflow from the basin and the remaineder of the subshed will drain to the east to the closed system along Park Avenue, DP-1.
>
> Pst-1D is 0.9 acres of open lawn and existing road. The area will drain to the east to the closed system along Park Avenue, DP-1.

Pst-2 is 0.2 acres of on-site drainage in the north central protion of the property flowing north to an existing on-site catch basin. The subshed contains existing woods. Over flow from the catch basin with runoff overland to the property to the north, DP-2.

Pst-3 is 0.3 acres of on-site drainage in the northwest corner of the property flowing to a low area. The subshed contains existing woods. The low area overflows to the property to the northwest, DP-3.

Pst-4 is 1.5 acres of on-site drainage on the west/northwest side of the building. The subshed contains existing asphalt drives and parking, the existing building roof, the proposed addition roofs, new parking open lawn and woods. The subshed drains to an existing catch basin now in the new parking lot, DP-4. The discharge pipe from the catch basin goes north off the property to an unknown outlet location. The subshed is smaller than Pre-4 as it no longer will receive runoff from the the eastern portions of the existing building roof.

Pst-5 is 1.7 acres of on-site drainage on the south and west side of the building. The subshed contains existing asphalt drives and parking, a portion of the existing building roof and open lawn. The existing asphalt will be milled and repaved. The subshed drains west to the closed storm system along South Grand Avenue, DP-5.

IV STORM WATER MANAGEMENT PLAN

Planning and Selection

Step 1: Site Planning - See Planning Table in Appendix 1 – The project is the redevelopment of an existing site with additons to the existing building, expansion of the parking lot and reuse of the existing drives and parking.

Step 2: Water Quality Volume (WQv) – The required water quality volume is calculated to be 0.18 af. The Total WQv and Runoff Reduction provided by the Infiltration Basin is 0.18 af.

The water quality volume for this redevelopment site is based on the amount of additional new impervious plus the existing impervious draining to the treatment facility. This total is greater than the minimum required of 100% new plus 25% redevelopment. Redevelopment treatment is only required for regulated disturbed areas and not non-regulated areas.

The toatal area of impervious draining to DP-4 is being decreased by 21% even though some of the expanded parking is in the subshed. A portion of existing roof will be directed to Pst-1A and will be 100% treated.

The surface infiltration will have a plunge pool for pretreatment.

Step 5: Standard Practices to Address Remaining Water Quality Volume – The entire required water quality volume is met by the infiltration practices and therefore not additional standard practices are required.

Step 6: Peak Rate Control – The post development runoff rates are the same or less without control for subsheds DP-2, DP-3, DP-4 and DP-5. The underground infiltration chambers will detain runoff for peak rate control.

In order to evaluate the proposed project properly and to develop a storm water management plan a hydrologic analysis was undertaken. The site was evaluated by reviewing aerial maps of the area, onsite topography and county maps. The watershed areas for both the existing and post developed site were determined and evaluated. The watershed limits and the path of stormwater runoff are shown on the maps in Appendix 1

Once the watershed areas are determined the peak stormwater runoff from both the pre-developed and post developed site are calculated and compared. The pre/post values are only a comparison proposed development and do not include off-site areas draining to the road.

The goal of stormwater management is to develop a plan to mitigate the change in stormwater flow and to minimize the potential for soil erosion associated with the proposed project. Watersheds were described previously in detail within section II and III of this report and are shown on the maps included within Appendix 1. Tabular information by sub-catchment, including but not limited to acres of total impervious

area, acres of pervious area, times of concentrations, and curve numbers is provided in the attached Hydro CAD summary reports in Appendix 4.

CRITERIA:

DESIGN STORM	1, 10 and 100 year, 24-hour storm event
RAINFALL DATA	For Dutchess County Type III storms (see Appendix 4)
	1 year - 24 hour storm 2.8 inches
	10 year - 24 hour storm 5.0 inches
	100 year - 24 hour storm 8.0 inches

METHODOLOGY:

- Software program utilized to model the storm runoff was HydroCAD version 10
  - NRCS Curve Number procedure to calculate storm runoff from the proposed site
  - NRCS TR 20 procedure to calculate Storm Runoff Hydrograph from proposed site
  - NRCS procedure for calculating time of concentration (TR 55 worksheet 3)

DISCUSSION OF RESULTS

The runoff model results for both pre and post conditions can be found in Appendix 4. The hydrologic analysis performed showed that development of this site would not increase the peak discharge offsite.

The measured infiltration rate was 164 in/hr. To be conservative, the infiltration rate used in the HydroCAD model is 20 in/hr. The proposed pretreatment plunge pools will have dewatering pipes to allow the pools to dry out after a storm event. To be conservative, the model was run with the pools being full of water.

The following table displays the comparison of the peak discharges offsite for pre-development and post-development conditions of the evaluation.

PRE - POST COMPARISON						
PRE-DEVELOPMENT						
SUBSHED	AREA	CN	Tc	1-YR	10-YR	100-YR
	AC		MINUTES	CFS	CFS	CFS
PRE-1-EAST	1.9	61	8.4	0	3	7
PRE-2-NORTH CENTER	0.2	61	6.0	0	0	1
PRE-3-NORTH	0.3	61	6.0	0	1	1
PRE-4-NORTH WEST	2.8	79	10.5	3	8	15
PRE-5-SOUTH WEST	1.7	83	11.5	2	5	10
PRE-TOTAL	**7.0**			**5**	**16**	**34**
POST DEVELOPMENT						
SUBSHED	AREA	CN	Tc	1-YR	10-YR	100-YR
	AC		MINUTES	CFS	CFS	CFS
PST-1A-EAST	1.8	91	6.0	4	8	14
PST-1B-EAST	0.3	78	6.0	0	1	2
PST-1C-EAST	0.3	61	1.0	0	0	1
PST-1D-EAST	0.9	61	8.4	0	1	3
PST-1: DP 1	3.3			0	1	6
PST-2-NORTH CENTER	0.2	61	6.0	0	0	1
PST-3-NORTH	0.3	61	6.0	0	0	1
PST-4-NORTH WEST	1.5	86	6.0	3	6	11
PST-5-SOUTH WEST	1.7	82	10.1	2	5	10
POST-TOTAL	**7.0**			**5**	**12**	**29**

a. STREAM BANK PROTECTION (Cp)
This criterion is designed to protect stream channels from erosion by providing 24-hour extended detention of the one-year, 24-hour storm event.

The required Channel Protection Volume required for the new impervious is 0.2 af. This volume is provided by the runoff reduction and water quality volume and 1-year storage of in the chambers and is 0.2 af. See Appendix 3. ***CRITERIA MET TO STANDARD***

b. OVER BANK PROTECTION (Qp)
This criterion is intended to prevent an increase in the frequency and magnitude of out of bank flooding generated by urban development. This criterion requires storage to attenuate the post development flow for the 10-year 24-hour peak discharge rate to predevelopment rates.
See Peak Discharge Table above ***CRITERIA MET TO STANDARD***

c. EXTREME FLOOD CONDITION (Qf)
The intent of this criterion is to prevent an increase of the risk of flooding from large storm events, maintain the boundaries of the 100-year floodplain and protect the physical integrity of Stormwater management practices. The criterion requires that storage be provided to attenuate the 100-year 24-hour peak discharge rate to pre-developed rates.
See Peak Discharge Table above ***CRITERIA MET TO STANDARD***

V PROPOSED PHASE II WATER QUALITY TREATMENT

On January 29, 2020, NYSDEC issued a new Stormwater Phase II permit for construction activity. Proposed construction projects that involve one acre or more of land disturbance must obtain SPDES permit coverage through either an individual permit or the new General Construction Permit (GP 0-20-001). To obtain coverage under the General Permit, the operator of construction activity must file a completed Notice of Intent with the NYSDEC. The project has been developed to meet the design criteria needed to file a NOI and a Stormwater Pollution Prevention Plan (SWPPP), which is the purpose and intent of this report.

Under the general permit, a project shall be designed in accordance with the following manuals:

"New York State Stormwater Management Design Manual"
"New York State Standards and Specifications for Erosion & Sediment Control"

To comply with requirements for stormwater quality treatment, unified stormwater sizing criteria were used and a list of acceptable Stormwater management practices were developed and provided in accordance with the "*New York State Stormwater Management Design Manual"*.

The NOI provides information to NYSDEC on the project, assures that a Stormwater Pollution Prevention Plan has been prepared, and is in place in accordance with the requirements of GP 0-20-001. The electronic submission NOI form (eNOI) can be found at www.dec.ny.gov/chemical/43133html#Forms

Storm water shall be treated as specified on page 8 in the permit as stated below:

Maintaining Water Quality- It shall be a violation of this general permit and the Environmental Conservation Law ("ECL") for any discharge to either cause or contribute to a violation of water quality standards as contained in Parts 700 through 705 of Title 6 of the Official Compilation of Codes, Rules and regulations of the State of New York such as:

1. *There shall be no increase in turbidity that will cause a substantial visible contrast to natural conditions.*
2. *There shall be no increase in suspended, colloidal and settable solids that will cause deposition or impair the waters for their best usages; and*
3. *There shall be no residue from oil and floating substances, or visible oil film, or globules of grease.*

This section of the report will address the water quality treatment from the site after the construction phase of the project is concluded. Erosion and sediment control during construction will be discussed in section VI.

ACCEPTABLE STORMWATER MANAGEMENT PRACTICES

"*New York State Stormwater Management Design Manual*" provides a list of management practices which are acceptable means of treatment and runoff reduction. The following management practices will be utilized in this design to achieve the require water quality treatment.

A. Pretreatment

Plunge Pool

Shallow basin to allow sediment to drop out and be held for removal.

Maintenance: Maintenance shall be the responsibility of the owner. Debris should be removed regularly. Grass lining shall be maintained to 4" to 6" depth. Full inspections shall take place yearly. Components should be repaired or replaced when needed. Remove sediment when 3 inches

thick. Full inspections involve checking all components thoroughly. If a repair is necessary, it shall be initiated in a timely fashion.

B. Infiltration

Stormwater systems capture and temporarily store the water quality volume to allow time for it to infiltrate into the ground. Overflow outlets are provided for large events.

Infiltration runoff reduction capacity for this practice is 100% in areas with HSG A and B soils.

Landscaping: Surface infiltration to have grass cover.

Maintenance: Maintenance shall be the responsibility of the owner. Grass to be maintained at 4" to 6" height.

Full inspections shall take place twice yearly; one in the spring and one in late summer. Full inspections involve checking all components of the infiltration thoroughly. Remove debris and sediment when observed. If a repair is necessary, it shall be initiated in a timely fashion.

C. Soil restoration (NYSDEC SMDM 5.1.6)

Soil restoration is required where soils have been disturbed and will be vegetated. For this project, the majority of the heavy traffic disturbance will be in areas that will be building or pavement. Minimal soil disturbance will occur in proposed vegetated areas. The common practice in preparing an area for landscape is to loosen the soil and apply topsoil. The native soil in infiltration areas is removed and replaced with stone as ordered by engineer. The need for full soil restoration is not warranted for the disturbed, proposed vegetated areas. If excessive compaction occurs during construction, mitigation including, but not limited to deep ripping and de-compaction as outlined in the NYSDEC Stormwater Manual, Section 5.1.6, may be ordered by the site engineer.

VI PROPOSED SEDIMENT AND EROSION CONTROL PLAN

An erosion and sediment control plan has been developed for this project and can be found in Appendix 2 of this report. The purpose of this plan is to outline procedures for installing and maintaining the erosion and sediment control structures to be constructed on this site. The type of structures and practices for this site will be seeding and mulching, silt fence, stabilized construction entrance, stock piles, dust control, and daily inspection and maintenance.

The proposed project has the potential for soil erosion due to vegetation being removed and soil cut and fill operations. Soils are moderately susceptible to detachment and they produce moderate runoff. All soils in Dutchess County are at some level susceptible to erosion and as such projects should include erosion and sediment control measures. The erosion and sediment control practices for this project are outlined below.

EROSION AND SEDIMENT CONTROL PRACTICES

During construction erosion control devices will be constructed and used to minimize soil erosion during each phase of the project. In order for the erosion control structures to work properly, they must be installed properly and maintained. Regular inspection and maintenance of erosion control devices is also essential to the efficiency of the entire system. Daily inspection and maintenance of all erosion and sediment control practices shall be performed by the contractor. Inspections shall also be performed once a week by a qualified person. The proposed practices for this site are described below. The Erosion and Sediment Control Plan and Details can be found in Appendix 2.

Stabilized construction access: To collect sediment from trucks exiting the site. A construction entrance shall be installed off the existing shared access drive.

Silt Fence Barriers: Silt fence shall be placed on slopes immediately downstream of all construction areas Silt fence are to be placed parallel with contours.

Stock Piles: Topsoil will be placed in a location that will not interfere with construction and will be protected with a silt fence placed around its perimeter. The topsoil shall be stabilized by covering with tarps or seed and hay when not in use.

Daily Inspection: Daily inspection and maintenance of the erosion and sediment control structures as listed in this section is essential to insuring their continued functionality. Each practice must be inspected and maintained on a daily basis by the contractor to keep all of the structures in working order.

Dust Control: To control the amount of dust produced by construction at the site dust control measures such as watering will be implemented.

Sediment Trap: A sediment trap is a shallow depression created to pool water from construction sites. The water is stored temporarily giving the sediment time to settle out prior to over flowing the high flow weir and entering downstream waters. Sediment traps are not proposed and can be ordered by engineer during construction if necessary.

Additional Practices: Other erosion and sediment control practices may be required during construction. These additional practices shall be per *"New York State Standards and Specifications for Erosion and Sediment Control"*, most current edition and as ordered by the engineer.

In addition to the above mentioned practices the following will be done:

Construction equipment and supplies will be staged in an area so designated. The area will be protected by placing appropriate silt fencing and additional erosion control devices as needed to minimize erosion. Construction chemicals shall be stored in secured areas so that they will not be spilled and become a source of ground water pollution. A spill response plan shall be developed by the contractor to address the case of an incidental spill. This plan shall include prevention and cleanup. The NYS Spill Hotline is 1-800-457-7362.

To control litter from the site the contractor shall police the area every day and pick up all litter that blows onto the construction area. Litter brought onto the site by the contactor shall be placed in appropriate garbage containers and emptied as needed. To further reduce the migration of litter into the adjoining property a silt fence will be installed as the first item of work.

Top soil and other materials excavated shall either be stockpiled and protected by seeding and mulching within seven days or removed from the site immediately. The stockpiles shall also have silt fence barriers or tubular sediment control devices (if placed in paved areas) around the entire foot print. Stockpiles shall be located in areas where they will not affect construction nor the adjoining area.

Seeding and mulching all disturbed areas as soon as possible. In areas where soil disturbance activities has been temporarily or permanently ceased, temporary and/or permanent soil stabilization measures shall be installed and/or implemented within seven days from the date the soil disturbance activities ceased. Seed mix for this site can be found on the Erosion and Sediment Control Plan.

Materials that may be used and temporarily stored onsite as the project is constructed may include, but are not limited to the following:

- Crushed stone
- Select back fill
- Sand
- Ductile Iron Pipe

- Corrugated Metal Pipe
- Reinforced Concrete Pipe
- High Density Polyethylene Pipe
- PVC Pipe
- Concrete mix
- Pre cast concrete structures
- Brick
- Wood
- Silt fence material
- Filtrexx Silt Soxx material
- Geotextile Fabric
- Construction equipment
- Trucks
- Asphalt
- Construction Materials

INSTALLATION GUIDELINES

In order to assure that the erosion control structures will work there must be an assurance that they are installed properly. In order to accomplish this all erosion control must be installed as per the final erosion control plan and in accordance with the project Engineer. A certified professional shall inspect the erosion control. No work shall be started on the site until the erosion control is in place and accepted.

The sequence of erosion and sediment control for this project will be installed as follows:

Before Construction

1. The site owner or operator shall hire a professional engineer or certified professional in erosion and sediment control to perform all inspections during construction as required by NYSDEC SPDES General Permit for Stormwater Discharges from construction activities "GP 0-20-001". Any changes in design during construction must be done by a Professional Engineer.
2. Conduct a pre-construction meeting with client, contractor and site Civil Engineer or qualified professional in erosion and sediment control and Town Representatives including Town Engineer to review the site and the erosion control plan as well as sequence of work as it pertains to applicable erosion control measures.
3. All contractors and sub contractors must sign the contractor certification form prior to the start of construction by any contractor and sub contractors when new start during construction and prior to any earthwork/disturbance as applicable throughout construction including new contractors and subcontractors.
4. Contact site Civil Engineer or CPESC for inspection of erosion control measures before starting any clearing and or site construction.
5. Establish limits of disturbance for proposed clearing and grading. Install orange construction fence as applicable.

The construction shall follow the sequence of work as outlined below:

Contractor shall perform daily inspection and repair of erosion and sediment control practices. Weekly inspection of site by a certified professional with all recommendations implemented immediately.

1. Install construction acess as first item of work to prevent dust and debris from being tracked onto the surrounding roads and drives.
2. Installation of silt fence as shown or needed to capture sediment from proposed construction. Silt fence shall be installed per the accepted erosion and sediment control plan as well as in locations deemed necessary during construction inspections of the site. Silt fence shall be installed along the contours.

3. Protect proposed infiltration basin and underground infiltration areas from construction activities as much as possible to reduce the amount of soil restoration required in completing areas.
4. Perform grading, excavation and related construction activities. Topsoil shall be removed and stored at applicable locations so as not to interfere with the construction operations. Possible locations for topsoil stockpiles are shown on the erosion control plan.
5. Once an area is cut or filled, it shall be stabilized by seeding and mulching.
6. Install water, sanitary, electric, phone, cable, other utilities and building in coordination with other site work.
7. Construct underground infiltration after other earth disturbance work is complete.
8. Surface infiltration basin shall not be constructed until the remainder of the earth disturbance in upstream areas is complete and permanently stabilized to keep sediment from entering media.
9. As construction proceeds, all disturbed areas shall be paved, seeded, or planted as specified on the plans in a timely manner to prevent unnecessary erosion.
10. Restore soil in disturbed areas where pervious finish cover is proposed; especially surface and subsurface infiltration areas. Intensive restoration methods may be required if excess compaction occurred during construction. Compaction may be caused by construction equipment, stockpiles, storage of pallets, personal vehicles, construction trailers, etc. Soil restoration will be done to the satisfaction of the inspecting engineer.
11. Installation of surface infiltration basin.
12. Upon completion of construction activities, upon stabilization of site soils, and upon final approval by the site inspector and municipal engineer temporary erosion control devices shall be removed

MAINTENANCE PLAN FOR EROSION CONTROL DEVICES

Temporary Erosion Control Devices

These structures shall include all erosion control devices that will be installed and utilized during the construction of the site. These shall include devices such as silt fences, diversions swales, stabilized construction entrances, sediment basins, and all other temporary erosion and sediment control measures as outlined in this SWPPP or requested by the project Engineer.

Erosion control devices shall be installed in accordance with the schedule of installation. Once the devices are installed and inspected to assure that they are installed properly, the devices must be maintained in order to assure that they will continue to function properly. In order to do so the following list of procedures shall be followed during the construction phase of the project:

- Daily inspection and maintenance shall be performed by the site contractor.
- All erosion control devices shall be inspected at least once a week by a certified professional and within one business day notify the owner or operator and contractor of any corrective actions needed. The contractor must start implementing corrective actions within one business day and complete them in a reasonable time frame per NYSDEC permit GP 0-20-001.
- All erosion control devices shall be maintained in good working order. If a repair is necessary, it will be initiated within 24 hours of report.
- Silt fence will be inspected for depth of sediment, tears, to see if the outer mesh is securely attached to the fence post, no gaps under the siltsoxx, and to see that the fence post are firmly in the ground. Built up sediment will be removed when it reaches one-third the height.
- Temporary seeding will be inspected for bare spots, washouts, and healthy growth. If required additional seeding shall be performed. Acceptable coverage is defined as 80% coverage over the entire pervious area per Appendix A of GP 0-20-001.
- A maintenance report will be prepared by the qualified professional once a week and kept on file at the site.

- All individuals performing the site inspection shall be familiar with the erosion control plan and be trained in all the inspection and maintenance practices necessary for keeping the erosion and sediment controls used onsite in good working condition.

Temporary erosion and sediment control devices shall be inspected and maintained by both the contractor and the owner.

PHASE PLAN

Under GP 0-20-001 no more than five acres of land disturbance may occur at any time without written approval from the NYSDEC. The total area of disturbance is less than 5 acres therefore a phasing plan is not required.

VII CONCLUSION

The construction of this development will require several mitigation measures be implemented in order to mitigate both stormwater runoff rates and erosion and sediment control.

Erosion Control During Construction
The mitigating measures are the erosion control devices such as seeding and mulching, silt fence, stock piles, dust control, construction entrance and daily inspection and maintenance. Upon implementation of these mitigating measures as outlined in this SWPPP and the "***New York State Standards and Specifications for Erosion & Sediment Control***", the adjoining owners are protected during construction.

Stormwater Treatment After Construction
Proposed stormwater treatment practices will treat the water quality volume as required by GP 0-20-001. To comply with requirements for stormwater quality and unified stormwater sizing criteria a list of acceptable Stormwater management practices were developed and provided in accordance with the ***"New York State Stormwater Management Design Manual"***. Utilized for this site are surface and underground infiltration.

The use of proposed treatment practices will provide the water quality treatment volume for the proposed redeveloped disturbed area. Upon completion of construction, these measures will meet or exceed the pollutant removal standards required by the phase II stormwater permit prior to any discharge to the existing storm sewer systems.

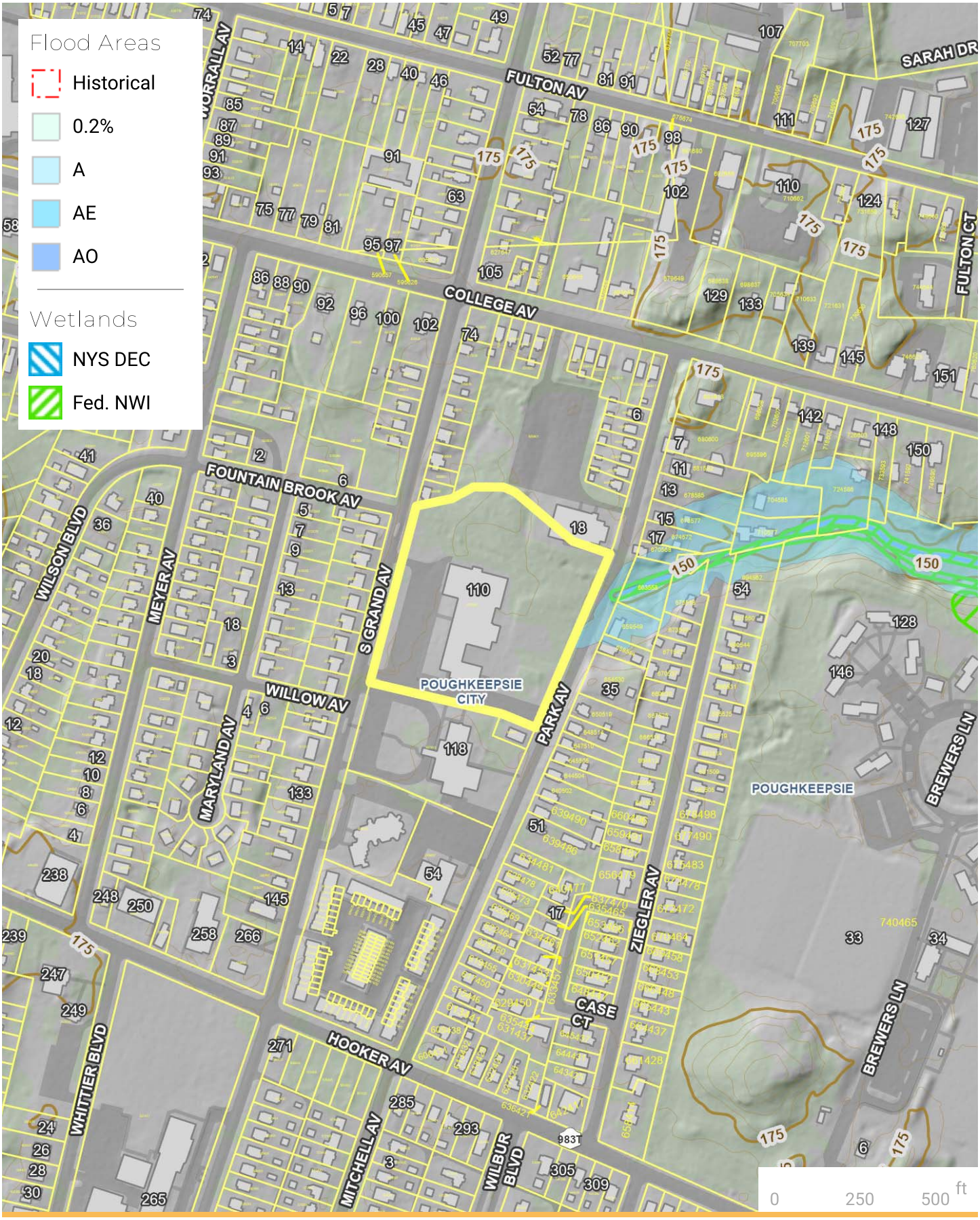
The runoff rate will be controlled by the proposed stormwater treatment practices.

Utilizing the proposed erosion and sediment control measures and stormwater treatment practices, will result in this project complying with the NYSDEC GP 0-20-001 permit requirements and will protect the adjoining property owners.

APPENDIX 1

SITE INFORMATION

Location Map
NYSDEC Runoff Reduction Planning Table
Flood Plain Map – FEMA
DEC-Environmental Resource Map
NRCS Soil Information
NYS Archeological CRIS Map
Watershed Map- Pre-Development
Watershed Map- Post Development



Dutchess County
New York

FAITH APOSTOLIC

C/Poughkeepsie, Dutchess County, NY

Printed By:
ParcelAccess

ParcelAccess
8/8/2023

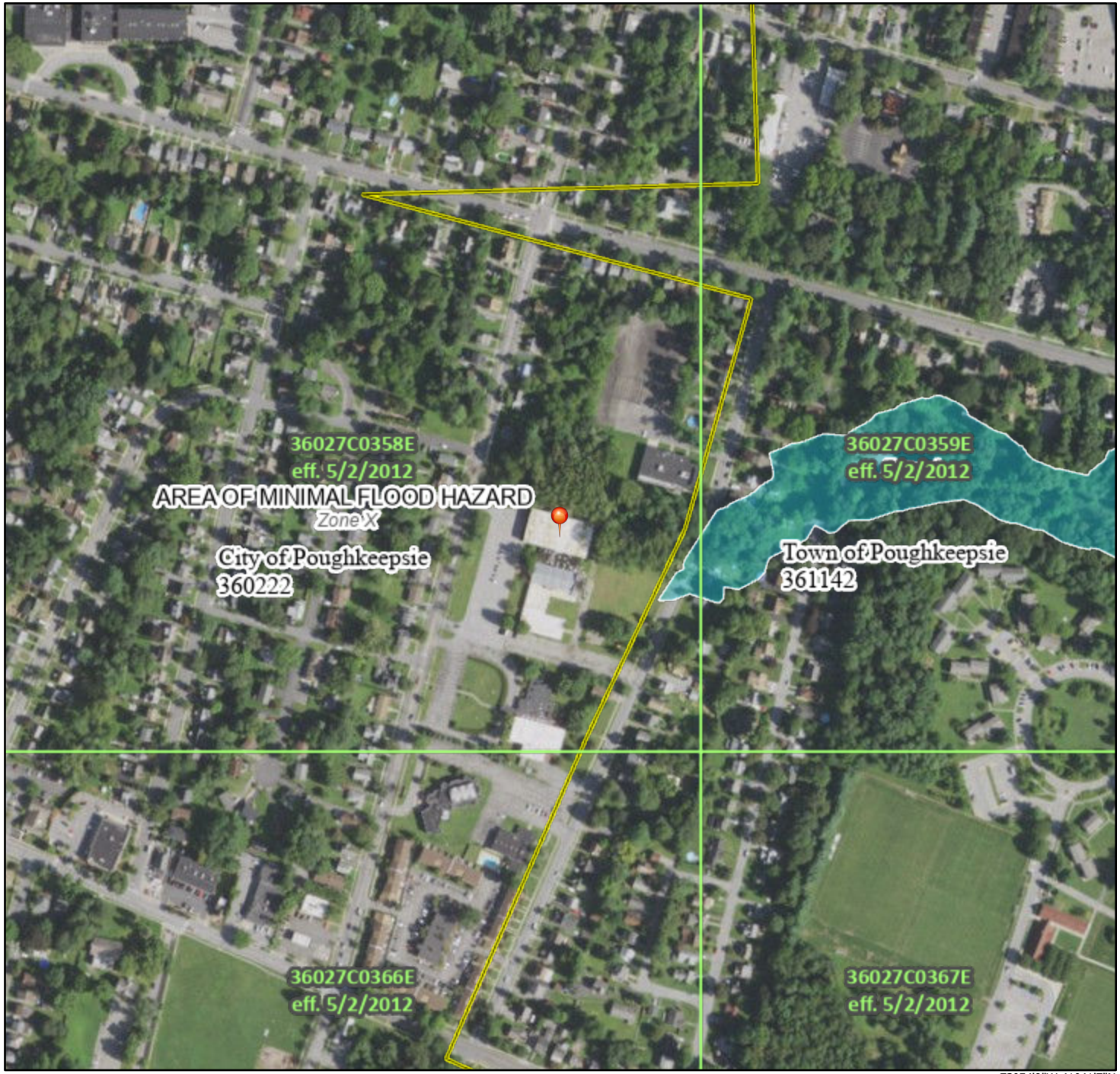
Planning

Practice	Description	Application
Preservation of Undisturbed Areas	Delineate and place into permanent conservation undisturbed forests, native vegetated areas, riparian corridors, wetlands, and natural terrain.	Considered & Not Applied
Preservation of Buffers	Define, delineate and preserve naturally vegetated buffers along perennial streams, rivers, shorelines and wetlands.	N/A
Reduction of Clearing and Grading	Limit clearing and grading to the minimum amount needed for roads, driveways, foundations, utilities and stormwater management facilities.	Considered & Applied
Locating Development in Less Sensitive Areas	Avoid sensitive resource areas such as floodplains, steep slopes, erodible soils, wetlands, mature forests and critical habitats by locating development to fit the terrain in areas that will create the least impact.	N/A
Open Space Design	Use clustering, conservation design or open space design to reduce impervious cover, preserve more open space and protect water resources.	N/A
Soil Restoration	Restore the original properties and porosity of the soil by deep till and amendment with compost to reduce the generation of runoff and enhance the runoff reduction performance of post construction practices.	Considered & Applied
Roadway Reduction	Minimize roadway widths and lengths to reduce site impervious area	N/A
Sidewalk Reduction	Minimize sidewalk lengths and widths to reduce site impervious area	Considered & Applied
Driveway Reduction	Minimize driveway lengths and widths to reduce site impervious area	Considered & Applied
Cul-de-sac Reduction	Minimize the number of cul-de-sacs and incorporate landscaped areas to reduce their impervious cover.	N/A
Building Footprint Reduction	Reduce the impervious footprint of residences and commercial buildings by using alternate or taller buildings while maintaining the same floor to area ratio.	Considered & Applied
Parking Reduction	Reduce imperviousness on parking lots by eliminating unneeded spaces, providing compact car spaces and efficient parking lanes, minimizing stall dimensions, using porous pavement surfaces in overflow parking areas, and using multi-storied parking decks where appropriate.	Considered & Applied

National Flood Hazard Layer FIRMette

FEMA

73°54'46"W 41°41'34"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

73°54'9"W 41°41'7"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

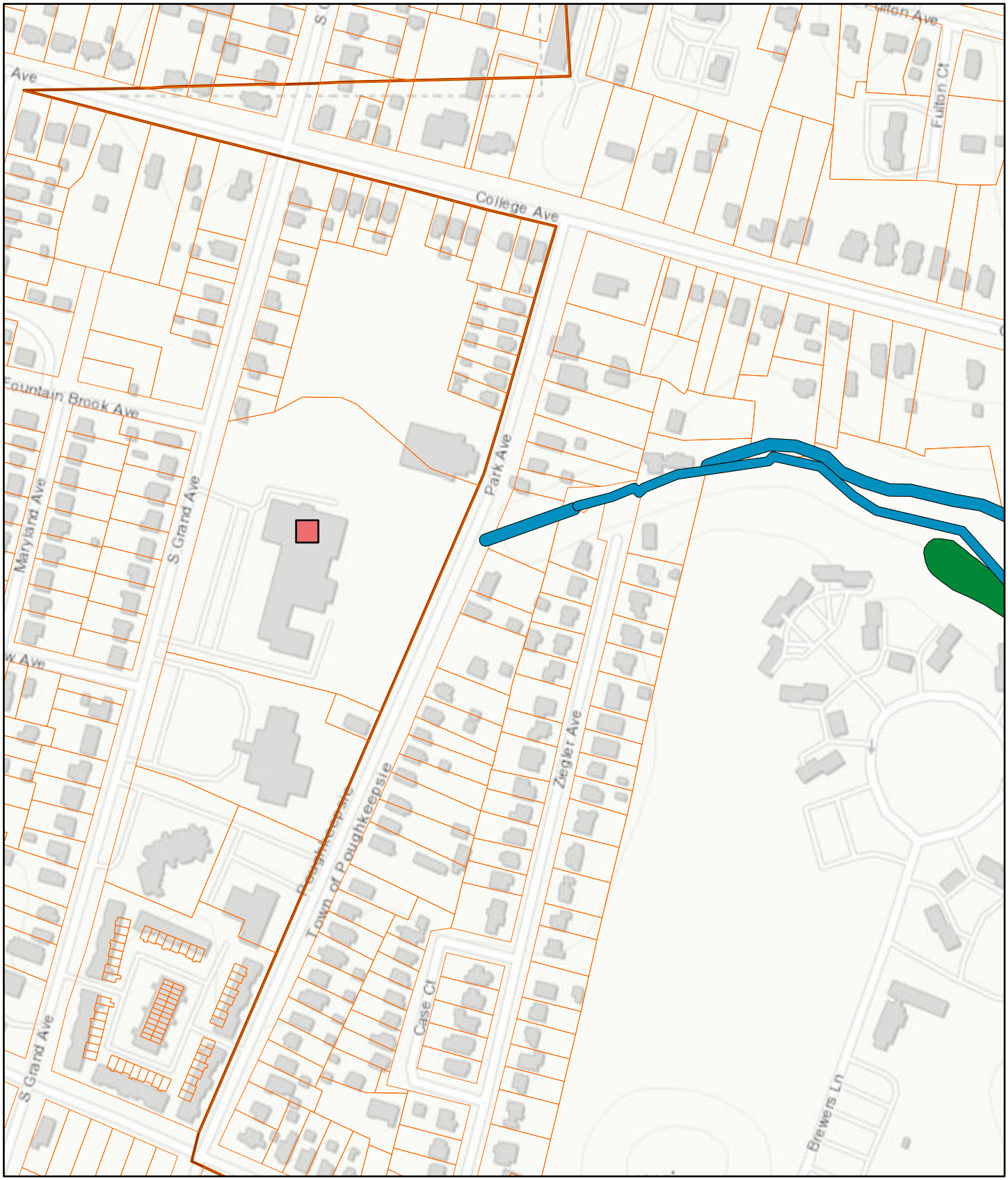
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/8/2023 at 12:54 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

FAITH APOSTOLIC, 110 S Grand, C/Poughkeepsie, Dutchess County



August 8, 2023

1:4,514

0 0.03 0.06 0.11 mi

0 0.04 0.09 0.18 km

Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA

NYS Department of Environmental Conservation

Not a legal document.

Soil Map—Dutchess County, New York
(110 S GRAND, Poughkeepsie)



Map Scale: 1:1,690 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 25 50 100 150

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Dutchess County, New York
Survey Area Data: Version 19, Sep 10, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 21, 2022—Oct 27, 2022

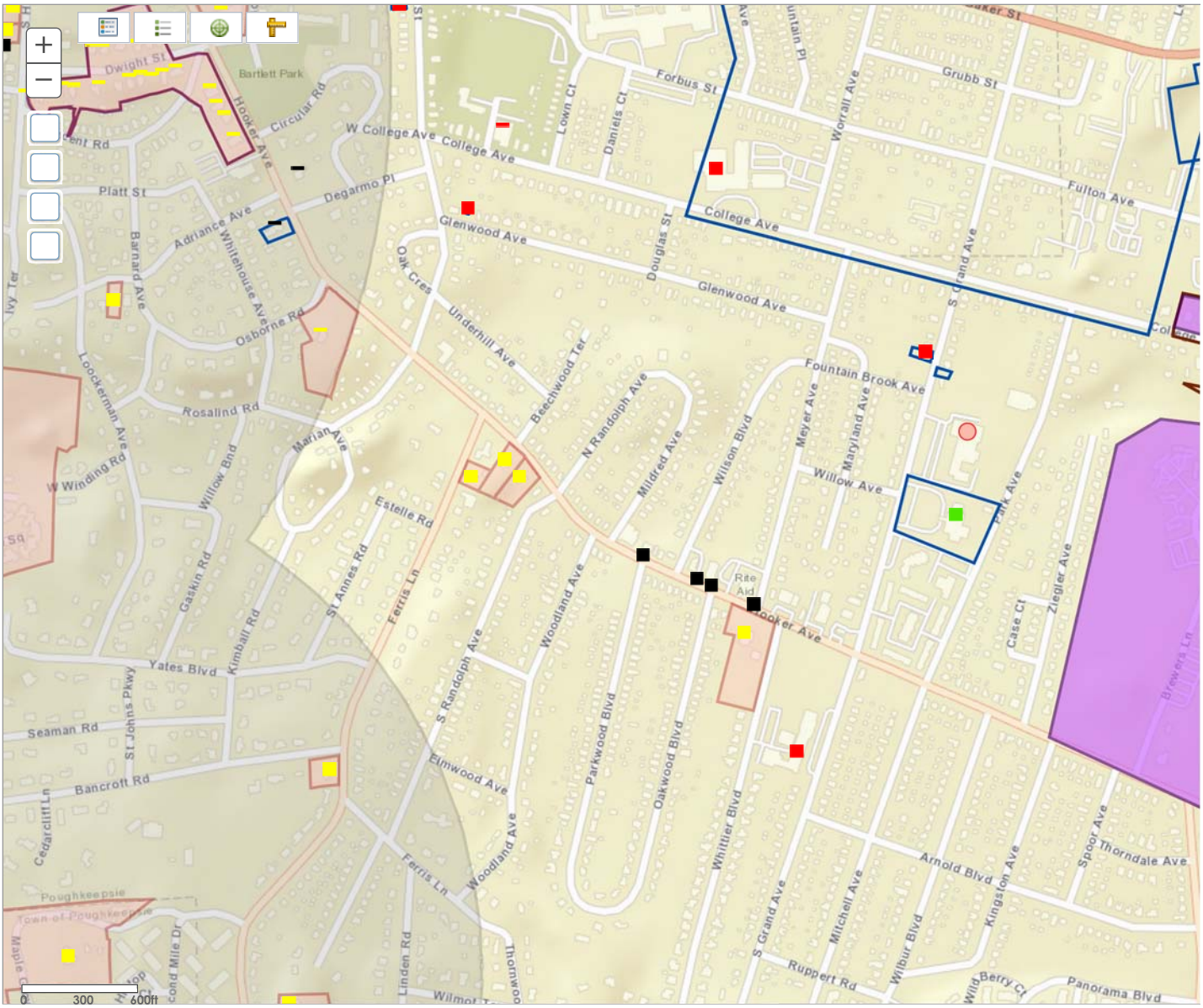
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

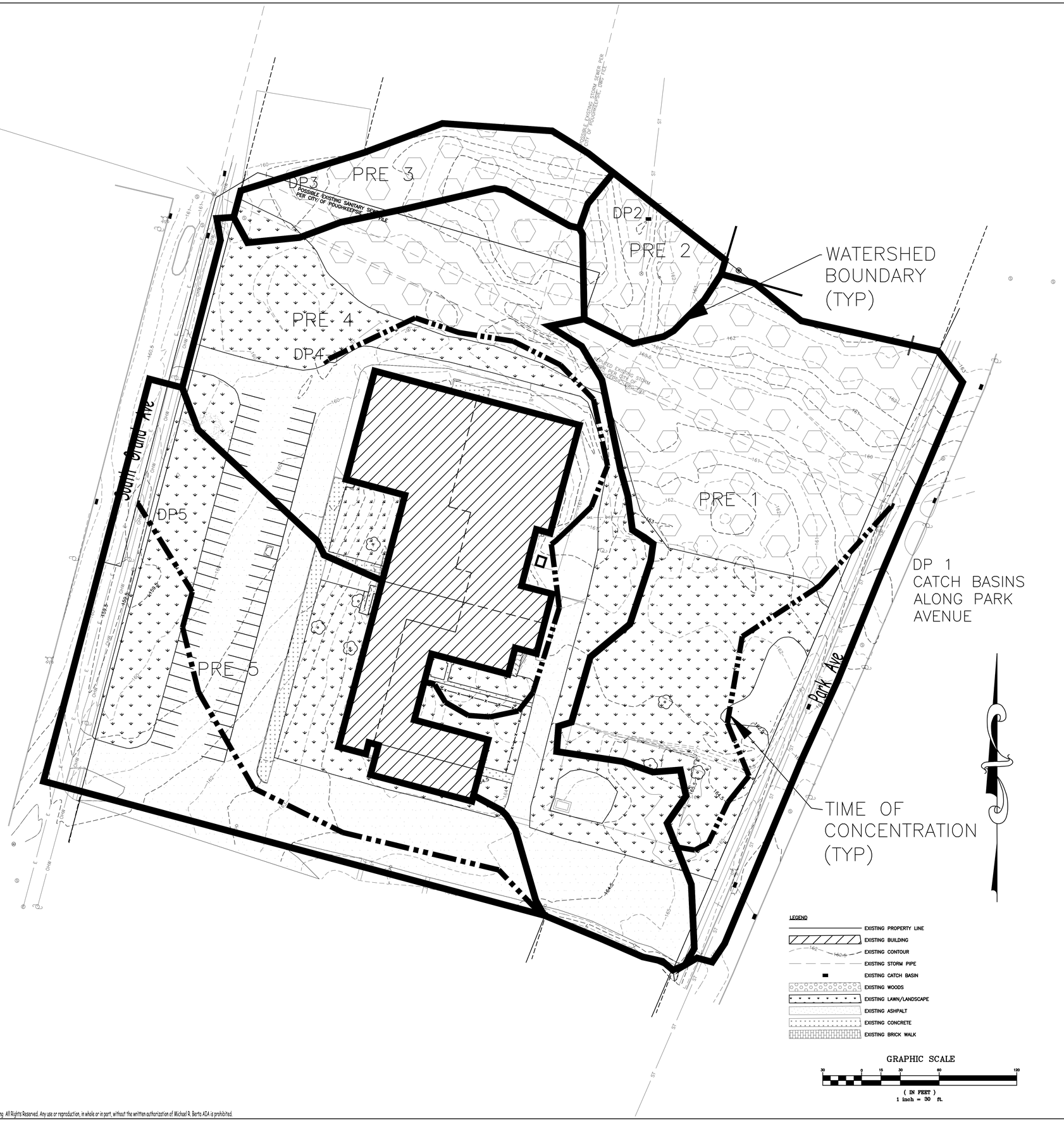
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KuA	Knickerbocker-Urban land complex, nearly level	6.4	100.0%
Totals for Area of Interest		**6.4**	**100.0%**

CRIS NYS Cultural Resource Information System

HOME SUBMIT SEARCH COMMUNICATE



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August 24, 2023	Stormwater Design
March 1, 2023	Misc Revision per Owner
February 28, 2023	Misc Revision per Owner
February 11, 2023	Misc Revision per Owner

WATERSHED MAP - PRE DEVELOPMENT

Proposed Addition / Alteration For
Faith Apostolic Ministries Inc
110 South Grand Ave
Poughkeepsie, New York

Date February 6, 2023

Job No 2023-001

Scale 1" = 30'

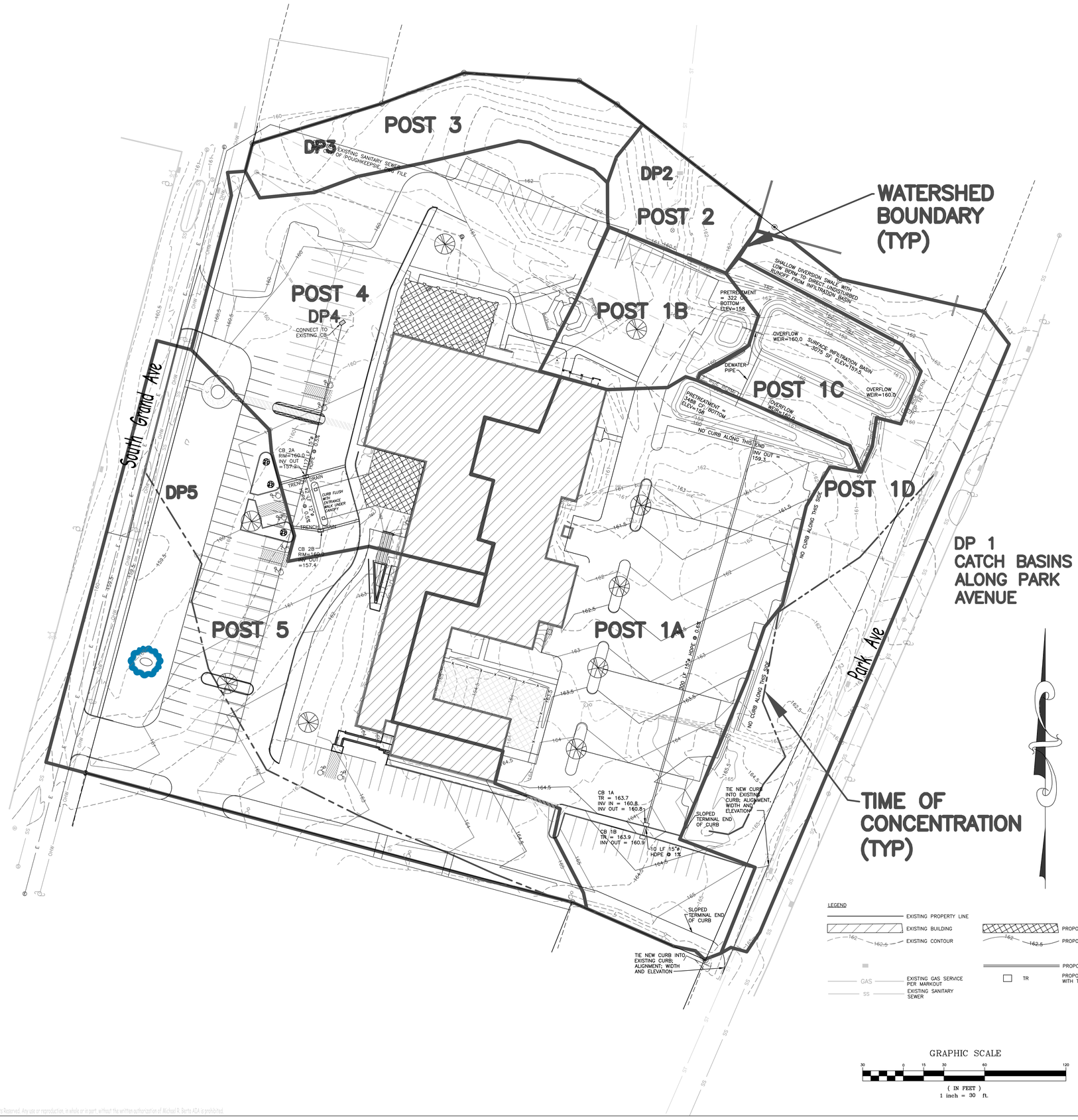
Drawing G

Of One

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February 11, 2023	Misc Revision per Owner

WATERSHED MAP - POST DEVELOPMENT

Proposed Addition / Alteration For
Faith Apostolic Ministries Inc
110 South Grand Ave
Poughkeepsie, New York

Date: February 6, 2023
Job No: 2023-001
Scale: 1" = 30'
Drawing: H
Of One

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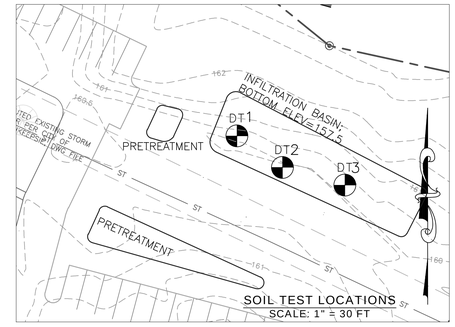
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APPENDIX 2

STORMWATER, EROSION AND SEDIMENT CONTROL PLAN AND DETAILS





SOIL TESTING RESULTS:

DEEP TEST #	1	2	3
	TO 4' CL* 4'–5' GL**	TO 3' CL* 4'–8.5'GL**	TO 3' SL*** 4'–5' GL**
TOTAL DEPTH, FT	5	8.5	7.2
GROUND WATER, FT	NE‡	NE‡	7.3
ROCK, FT	5	NE‡	NE‡
INFILTRATION RATE, IN/HR	167	164	

PRESOAKED 12/03/2024; TEST RUN 12/04/2024

* CL = CLAY LOAM
** GL = GRAVEL LOAM
*** SL = SANDY LOAM
‡ NE = NONE ENCOUNTERED

LEGEND

- EXISTING PROPERTY LINE
- EXISTING BUILDING
- EXISTING CONTOUR
- ST — EXISTING STORM PIPE
- EXISTING CATCH BASIN
- GAS — EXISTING GAS SERVICE PER MARKOUT
- SS — EXISTING SANITARY SEWER
- PROPOSED BUILDING
- PROPOSED CONTOUR
- 164+4 PROPOSED SPOT ELEVATION
- PROPOSED STORM PIPE
- TR PROPOSED CATCH BASIN WITH TOP OF RIM
- PROPOSED RIPRAP

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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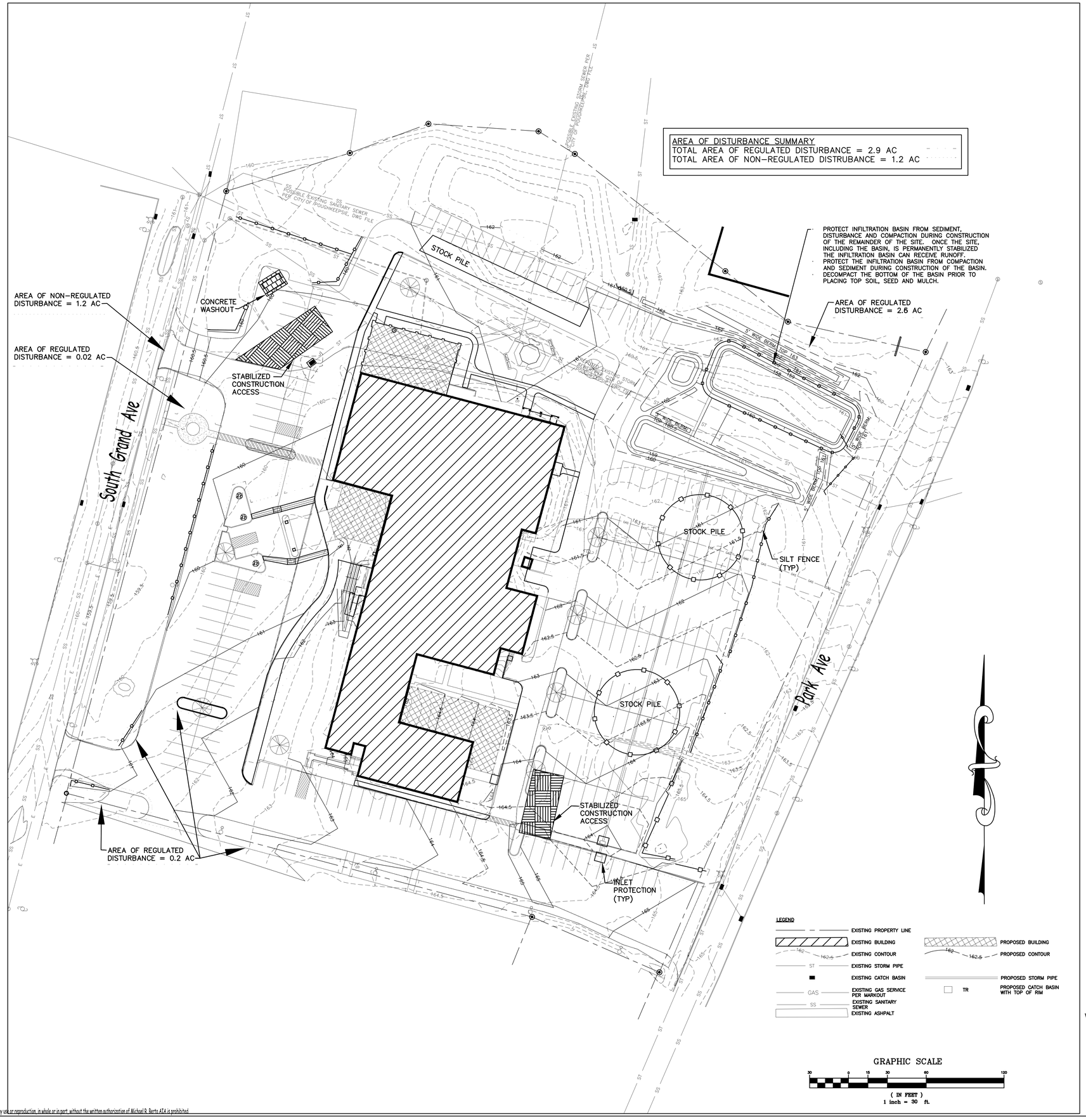
PROPOSED STORMWATER PLAN

Proposed Addition / Alteration For
Faith Apostolic Ministries Inc
110 South Grand Ave
Poughkeepsie, New York

Date	February 6, 2023
Job No	2023-001
Scale	1" = 30'
Drawing	C-1
Of	-

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February 11, 2023	Misc Revision per Owner

PROPOSED EROSION AND SEDIMENT CONTROL PLAN

Proposed Addition / Alteration For:
Faith Apostolic Ministries Inc
103 South Grand Ave
Poughkeepsie, New York

Date: February 6, 2023
Job No: 2023-001
Scale: 1" = 30'
Drawing: C-2
Of: -

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SEQUENCE OF EROSION AND SEDIMENT CONTROL FOR THIS PROJECT WILL BE INSTALLED AS FOLLOWS:

BEFORE CONSTRUCTION

1. THE SITE OWNER OR OPERATOR SHALL HIRE A PROFESSIONAL ENGINEER OR CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL TO PERFORM ALL INSPECTIONS DURING CONSTRUCTION AS REQUIRED BY NYSDEC SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES "GP 0-20-001". ANY CHANGES IN DESIGN DURING CONSTRUCTION MUST BE DONE BY A PROFESSIONAL ENGINEER.
2. CONDUCT A PRE-CONSTRUCTION MEETING WITH CLIENT, CONTRACTOR AND SITE CIVIL ENGINEER OR QUALIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL AND MUNICIPALITY TO REVIEW THE SITE AND THE EROSION CONTROL PLAN AS WELL AS SEQUENCE OF WORK AS IT PERTAINS TO APPLICABLE EROSION CONTROL MEASURES.
3. ALL CONTRACTORS AND SUBCONTRACTORS MUST SIGN THE CONTRACTOR CERTIFICATION FORM PRIOR TO THE START OF CONSTRUCTION.
4. CONTACT SITE CIVIL ENGINEER OR CPESC FOR INSPECTION OF EROSION CONTROL MEASURES BEFORE STARTING ANY CLEARING AND OR SITE CONSTRUCTION.
5. ESTABLISH LIMITS OF DISTURBANCE FOR PROPOSED CLEARING AND GRADING. INSTALL ORANGE CONSTRUCTION FENCE AS APPLICABLE.

THE CONSTRUCTION SHALL FOLLOW THE SEQUENCE OF WORK AS OUTLINED BELOW:

CONTRACTOR SHALL PERFORM DAILY INSPECTION AND REPAIR OF EROSION AND SEDIMENT CONTROL PRACTICES. WEEKLY INSPECTION OF SITE BY A CERTIFIED PROFESSIONAL WITH ALL RECOMMENDATIONS IMPLEMENTED IMMEDIATELY.

1. INSTALL CONSTRUCTION ENTRANCE AS FIRST ITEM OF WORK TO PREVENT DUST AND DEBRIS FROM BEING TRACKED ONTO THE SURROUNDING ROADS AND DRIVES.
2. INSTALLATION OF SILT FENCE AS SHOWN OR NEEDED TO CAPTURE SEDIMENT FROM PROPOSED CONSTRUCTION. SILT FENCE SHALL BE INSTALLED PER THE ACCEPTED EROSION AND SEDIMENT CONTROL PLAN AS WELL AS IN LOCATIONS DEEMED NECESSARY DURING CONSTRUCTION INSPECTIONS OF THE SITE. SILT FENCE SHALL BE INSTALLED ALONG THE CONTOURS.
3. PROTECT PROPOSED INFILTRATION AREA FROM CONSTRUCTION ACTIVITIES AS MUCH AS POSSIBLE TO REDUCE THE AMOUNT OF SOIL RESTORATION REQUIRED.
4. PERFORM GRADING, EXCAVATION AND RELATED CONSTRUCTION ACTIVITIES. TOPSOIL SHALL BE REMOVED FROM CUT AREAS AND STORED AT APPLICABLE LOCATIONS SO AS NOT TO INTERFERE WITH THE CONSTRUCTION OPERATIONS. POSSIBLE LOCATIONS FOR TOPSOIL STOCKPILES ARE SHOWN ON THE EROSION CONTROL PLAN.
5. MINIMIZE SOIL COMPACTION IN AREAS TO BE FINISHED WITH NON-IMPERVIOUS COVER. EXCESS COMPACTION WILL REQUIRE DECOMPACTION BEFORE FINAL COVER. DECOMPACTION REQUIRED AS NECESSARY AND AS ORDERED BY SITE ENGINEER.
6. ONCE AN AREA IS CUT OR FILLED, IT SHALL BE STABILIZED BY SEEDING AND MULCHING.
7. INSTALL WATER, SANITARY, ELECTRIC, PHONE, CABLE, OTHER UTILITIES AND BUILDING IN COORDINATION WITH OTHER SITE WORK.
8. INFILTRATION SHALL NOT BE CONSTRUCTED UNTIL THE REMAINDER OF THE EARTH DISTURBANCE IN UPSTREAM AREAS IS COMPLETE AND PERMANENTLY STABILIZED TO KEEP SEDIMENT FROM ENTERING BASIN. OR INFILTRATION BASIN IS TO BE FULLY PROTECTED FROM INTRUSION.
9. AS CONSTRUCTION PROCEEDS, ALL DISTURBED AREAS SHALL BE PAVED, SEEDED, OR PLANTED AS SPECIFIED ON THE PLANS IN A TIMELY MANNER TO PREVENT UNNECESSARY EROSION.
10. RESTORE SOIL IN DISTURBED AREAS WHERE PERVIOUS FINISH COVER IS PROPOSED; ESPECIALLY INFILTRATION AREA. INTENSIVE RESTORATION METHODS MAY BE REQUIRED IF EXCESS COMPACTION OCCURRED DURING CONSTRUCTION. COMPACTION MAY BE CAUSED BY CONSTRUCTION EQUIPMENT, STOCKPILES, STORAGE OF PALLETS, PERSONAL VEHICLES, CONSTRUCTION TRAILERS, ETC. SOIL RESTORATION WILL BE DONE TO THE SATISFACTION OF THE INSPECTING ENGINEER.
11. INSTALLATION OF INFILTRATION.

UPON COMPLETION OF CONSTRUCTION ACTIVITIES, UPON STABILIZATION OF SITE SOILS, AND UPON FINAL APPROVAL BY THE SITE INSPECTOR AND MUNICIPALITY, TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED.

EROSION CONTROL INSTALLATION AND MAINTENANCE

I. INTRODUCTION

THE PURPOSE OF THIS PLAN IS TO OUTLINE PROCEDURES FOR MAINTAINING THE EROSION CONTROL STRUCTURES CONSTRUCTED ON THE SITE. THE TYPE OF STRUCTURES FOR THIS SITE WILL BE TEMPORARY FOR USE DURING CONSTRUCTION,

II EROSION CONTROL STRUCTURES

SILT FENCE STRUCTURES WILL BE USED TO MINIMIZE SOIL EROSION DURING THE CONSTRUCTION PHASE OF THE PROJECT. IN ORDER FOR THE EROSION CONTROL STRUCTURES TO WORK PROPERLY THEY MUST BE INSTALLED PROPERLY AND MAINTAINED. INSPECTIONS SHALL BE PERFORMED PERIODICALLY AS STATED BELOW AND SHALL BE PERFORMED AFTER ANY MAJOR STORM EVENT. SILT FENCE TO BE INSTALLED PARALLEL WITH CONTOURS.

III INSTALLATION GUIDELINES

IN ORDER TO ASSURE THAT THE EROSION CONTROL STRUCTURES WILL WORK THERE MUST BE AN ASSURANCE THAT THEY ARE INSTALLED PROPERLY. IN ORDER TO ACCOMPLISH THIS ALL EROSION CONTROL MUST BE INSTALLED AS PER THE DETAILS ON THIS PLAN. THE EROSION CONTROL SHALL BE INSPECTED BY BY A PROFESSIONAL ENGINEER OR CERTIFIED PROFESSIONAL. NO WORK SHALL BE STARTED ON THE SITE UNTIL THE EROSION CONTROL IS IN PLACE AND ACCEPTED.

IV. MAINTENANCE PLAN FOR EROSION CONTROL DEVICES

1. TEMPORARY EROSION CONTROL DEVICES THESE STRUCTURES SHALL INCLUDE ALL EROSION CONTROL DEVICES THAT WILL BE INSTALLED. AND UTILIZED DURING THE CONSTRUCTION OF THE SITE. THESE SHALL INCLUDE DEVICES SUCH AS SILT FENCES, STOCK PILES, AND CHECK DAMS.
2. ALL EROSION CONTROL DEVICES SHALL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
3. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
4. SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POST, AND TO SEE THAT THE FENCE POST ARE FIRMLY IN THE GROUND.
5. TEMPORARY SEEDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
6. ALL INDIVIDUALS PERFORMING THE SITE INSPECTION SHALL BE FAMILIAR WITH THE EROSION CONTROL PLAN AND BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING CONDITION.

GENERAL NOTES FOR EROSION AND SEDIMENT CONTROL

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 SOIL DISTURBANCE, 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 SILT FENCES SHALL BE CLOSELY MONITORED AND SHALL BE REMOVED PROMPTLY WHEN MAXIMUM LEVELS ARE REACH OR WHEN ORDERED BY THE ENGINEER. ALL SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED ON A REGULAR BASIS, AND AFTER EACH HEAVY RAIN TO INSURE PROPER OPERATION AS DESIGNED.
3. THE LOCATION AND INSTALLATION TIMES OF THE SEDIMENT CAPTURING DEVICES SHALL BE ORDERED BY THE ENGINEER, AND IN ACCORDANCE WITH THE STANDARDS SET FORTH IN THIS PLAN.
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 TOP SOIL THAT IS REQUIRED FOR FINAL GRADING AND STORED ON THE SITE SHALL BE LIMED, FERTILIZED, AND TEMPORARILY SEEDED AND MULCHED WITHIN 14 DAYS.
5. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THEN 21 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL IMMEDIATELY RECEIVE TEMPORARY SEEDING. MULCH SHALL BE USED IF THE SEASON PREVENTS THE ESTABLISHMENT OF COVER. DISTURBED AREAS SHALL BE LIMED AND FERTILIZED PRIOR TO TEMPORARY SEEDING.
6. THE CONTRACTOR SHALL KEEP THE ROADWAYS WITHIN THE PROJECT AREA CLEAR OF SOIL AND DEBRIS AND IS RESPONSIBLE FOR ANY STREET CLEANING NECESSARY DURING THE COURSE OF THE PROJECT.
7. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED BY PERMANENT MEASURES.
8. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".

POST CONSTRUCTION STORMWATER OPERATION AND MAINTENANCE

A. PRETREATMENT

STORMWATER PRETREATMENT DRY BASIN FOR REMOVING SEDIMENT PRIOR TO INFILTRATION

LANDSCAPING: GRASS, SHORT VEGETATION.

MAINTENANCE: MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER. GRASS SHOULD BE MOWED REGULARLY TO MAINTAIN 6" HEIGHT. FULL INSPECTIONS SHALL TAKE PLACE YEARLY. SLOPES, VEGETATION AND COMPONENTS SHOULD BE REPAIRED OR REPLACED WHEN NEEDED. REMOVE SEDIMENT WHEN 3" DEEP OR WHEN INTERFERING WITH DEWATERING SYSTEM. FULL INSPECTIONS INVOLVE CHECKING ALL COMPONENTS THOROUGHLY. IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED IN A TIMELY FASHION.

B. INFILTRATION BASIN (I-2)

STORMWATER SYSTEM CAPTURES AND TEMPORARILY STORES THE RUNOFF (WATER QUALITY AND RATE CONTROL VOLUME) TO ALLOW THE WATER TO INFILTRATE INTO THE NATIVE SUBSOIL BELOW THE BASIN. SPECIFIED AS A STANDARD PRACTICE IN CHAPTERS 5 AND 6 OF THE "NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL," THAT HAS RUNOFF VOLUME CAPACITY OF 100%. INFILTRATION BASINS REQUIRE A MINIMUM NATIVE SOIL INFILTRATION OF 0.5"/INCH AND MINIMUM 24" SEPARATION TO SEASONAL HIGH WATER TABLE AND/OR BEDROCK.

LANDSCAPING: GRASS, SHORT VEGETATION.

MAINTENANCE: GRASS SHOULD BE MOWED REGULARLY TO MAINTAIN 6" HEIGHT. FULL INSPECTIONS SHALL TAKE PLACE YEARLY. SLOPES, VEGETATION AND COMPONENTS SHOULD BE REPAIRED OR REPLACED WHEN NEEDED. SEDIMENT SHALL BE REMOVED BEFORE IT REACHES 1 INCH DEEP AND EACH SPRING. FULL INSPECTIONS INVOLVE CHECKING ALL COMPONENTS THOROUGHLY. IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED IN A TIMELY FASHION.

C. CATCH BASINS, STORM PIPES AND RIPRAP OUTLET PROTECTION

STORMWATER FACILITIES TO COLLECT, CARRY RUNOFF AND DISCHARGE RUNOFF IS A CONTROLLED NON-EROSIVE MANNER.

PROTECTION: THE AREAS UPSLOPE OF THE CATCH BASINS AND PIPE INLETS ARE TO BE PERMANENTLY STABILIZED WITH VEGETATION, GRAVEL, ASPHALT, CONCRETE, ETC. THE DISCHARGE FROM THE LAST PIPE IS TO BE ONTO A PERMANENTLY STABILIZED APRON/SURFACE CAPABLE OF HANDLING THE DISCHARGE VELOCITY AND FLOW FROM THE PIPE.

MAINTENANCE: MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER. FULL INSPECTIONS SHALL TAKE PLACE YEARLY. FULL INSPECTIONS INVOLVE CHECKING ALL COMPONENTS THOROUGHLY. REMOVE SEDIMENT AND DEBRIS FROM CATCH BASIN GRATE AND SUMPS, PIPES AND DISCHARGE APRONS. IF DOWNSTREAM WASHOUTS OR EROSION OCCURS, REPAIR AND EXTEND OR MODIFY STABILIZED APRON/SURFACE APPROPRIATELY. IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED IN A TIMELY FASHION

D. SOIL RESTORATION (NYSDEC SMDM 5.1.6)

SOIL RESTORATION IS REQUIRED WHERE SOILS HAVE BEEN DISTURBED AND WILL BE VEGETATED. FOR THIS PROJECT, THE MAJORITY OF THE HEAVY TRAFFIC DISTURBANCE WILL BE IN AREAS THAT WILL BE BUILDING OR PAVEMENT. MINIMAL SOIL DISTURBANCE WILL OCCUR IN PROPOSED VEGETATED AREAS. THE COMMON PRACTICE IN PREPARING AN AREA FOR LANDSCAPE IS TO LOOSEN THE SOIL AND APPLY TOPSOIL. THE NATIVE SOIL IN INFILTRATION AREAS IS REMOVED AND REPLACED WITH STONE AS ORDERED BY ENGINEER. THE NEED FOR FULL SOIL RESTORATION IS NOT WARRANTED FOR THE DISTURBED, PROPOSED VEGETATED AREAS. IF EXCESSIVE COMPACTION OCCURS DURING CONSTRUCTION, MITIGATION INCLUDING, BUT NOT LIMITED TO DEEP RIPPING AND DE-COMPACTION AS OUTLINED IN THE NYSDEC STORMWATER MANUAL, SECTION 5.1.6, MAY BE ORDERED BY THE SITE ENGINEER.

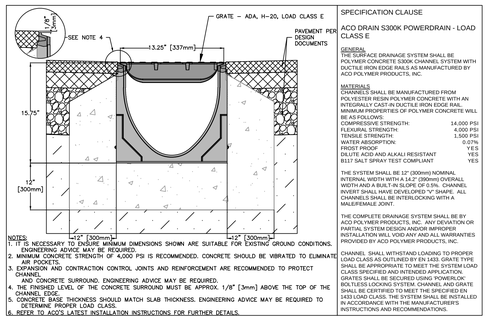
MAINTENANCE: VEGETATION TO BE CUT TWICE A YEAR. ONCE IN THE MIDDLE OF GROWING SEASON AND ONCE AFTER GROWING SEASON. ANY WOODY VEGETATION OR TREES ARE TO BE REMOVED. REMOVE ANY DEBRIS. ALL TRIMMINGS AND DEBRIS ARE TO BE REMOVED FROM THE BASIN. NO TRIMMINGS OR DEBRIS FROM THE SITE ARE AT TO BE DUMPED INTO THE BASIN.ONCE EACH YEAR INSPECT EMBANKMENT, SIDES AND OVERFLOW WEIR FOR EROSION AND RILLS. CHECK OUTLET PIPES ONCE A YEAR FOR BLOCKAGES. ALL SEDIMENT IS TO BE REMOVED PRIOR TO THE SEDIMENT DEPTH REACHING AN AVERAGE OF 6". SEDIMENT CAN BE DISPOSED OF ON SITE IF SPREAD ON ALREADY DEVELOPED OPEN SPACE. SPREAD SEDIMENT SHALL BE SEEDED AND MULCHED. NO SEDIMENT SHALL BE SPREAD ON THE SITE DURING THE NON-GROWING SEASON. SEDIMENT MAY ALSO BE DISPOSED OF OFF-SITE IN APPROPRIATE LOCATION. NO SEDIMENT SHALL BE DISPOSED OF DOWN STEEP SLOPE TO STREAM.

SEEDING AND MULCHING

ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN 21 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL IMMEDIATELY RECEIVE SEEDING AND MULCHING. DISTURBED AREAS SHALL BE LIMITED AND BE COVER WITH A LAYER OF TOPSOIL PRIOR TO SEEDING. SEEDING WILL BE INSPECTED FOR BARE SPOTS, WASH OUTS, AND HEALTHY GROWTH. IF REQUIRED ADDITIONAL SEEDING SHALL BE PERFORMED. THE SEED MIX SPECIFIED FOR THIS SITE IS FROM THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, TABLE 3.2 (SITE CHOICE 1A) WHICH IS AS FOLLOWS:

	Pure Live Seed Values	
SPECIES (% by weight)	lbs/1000SF	lbs/acre
50% perennial ryegrass	1.5 – 2.0	65 – 87
50% Kentucky bluegrass blend	1.5 – 2.0	65 – 88
	3.0 – 4.0	130 – 175

OR USE SEED MIX SPECIFIED BY SITE ARCHITECT OR LANDSCAPE ARCHITECT.



SPECIFICATION CLAUSE

ACO DRAIN S300K POWERDRAIN - LOAD CLASS E

GENERAL
THE SURFACE DRAINAGE SYSTEM SHALL BE POLYMER CONCRETE S300K CHANNEL SYSTEM WITH DUCTILE IRON EDGE RAILS AS MANUFACTURED BY ACO POLYMER PRODUCTS, INC.

MATERIALS
CHANNEL SHALL BE MANUFACTURED FROM POLYESTER RESIN POLYMER CONCRETE WITH AN INTEGRALLY CAST-IN DUCTILE IRON EDGE RAIL. MINIMUM PROPERTIES OF POLYMER CONCRETE WILL BE AS FOLLOWS:

COMPRESSIVE STRENGTH:	14,000 PSI
FLEXURAL STRENGTH:	4,000 PSI
TENSILE STRENGTH:	1,500 PSI
WATER ABSORPTION:	0.07%
FROST PROOF	YES
DILUTE ACID AND ALKALI RESISTANT	YES
8117 SALT SPRAY TEST COMPLIANT	YES

THE SYSTEM SHALL BE 12" (300mm) NOMINAL INTERNAL WIDTH WITH A 14.2" (290mm) OVERALL WIDTH AND A BUILT-IN SLOPE OF 0.5%. CHANNEL INVERT SHALL HAVE DEVELOPED "V" SHAPE. ALL CHANNELS SHALL BE INTERLOCKING WITH A MALE/FEMALE JOINT.

THE COMPLETE DRAINAGE SYSTEM SHALL BE BY ACO POLYMER PRODUCTS, INC. ANY DEVIATION OR PART OF SYSTEM DESIGN AND/OR IMPROPER INSTALLATION WILL VOID ANY AND ALL WARRANTIES PROVIDED BY ACO POLYMER PRODUCTS, INC.

CHANNEL SHALL WITHSTAND LOADING TO PROPER LOAD CLASS AS OUTLINED BY EN 1433. GRATE TYPE SHALL BE APPROPRIATE TO MEET THE SYSTEM LOAD CLASS SPECIFIED AND INTENDED APPLICATION. GRATES SHALL BE SECURED USING 'POWERLOK' BOLTLESS LOCKING SYSTEM. CHANNEL AND GRATE SHALL BE CERTIFIED TO MEET THE SPECIFIED EN 1433 LOAD CLASS. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

Infiltration Basin (I-2)

Infiltration basins are vegetated excavations designed to capture and temporarily store stormwater runoff to promote infiltration into the surrounding native soils.

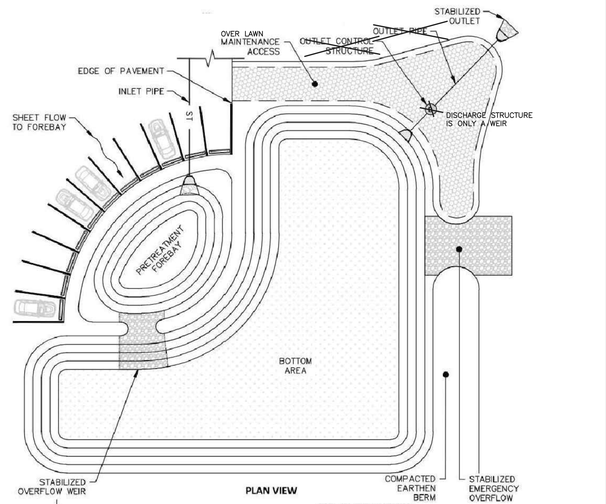
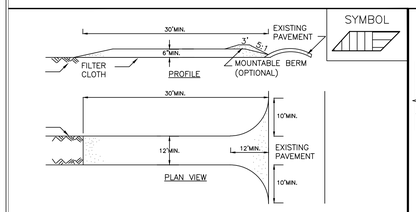


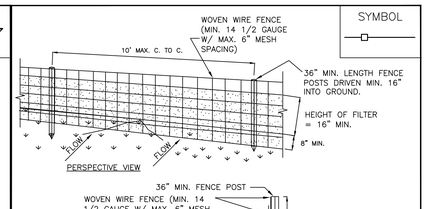
Figure 6.12 Infiltration Basin (I-2)



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE – USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH

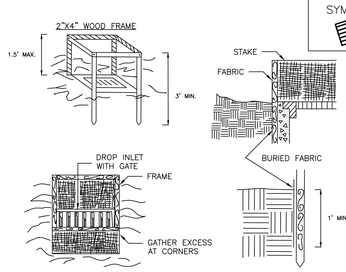
STABILIZED CONSTRUCTION ACCESS



CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE



CONSTRUCTION SPECIFICATIONS

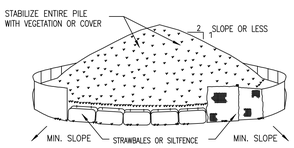
1. FILTER FABRIC SHALL HAVE AN EOS OF .40–85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

MAXIMUM DRAINAGE AREA 1 ACRE

FILTER FABRIC DROP INLET PROTECTION

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

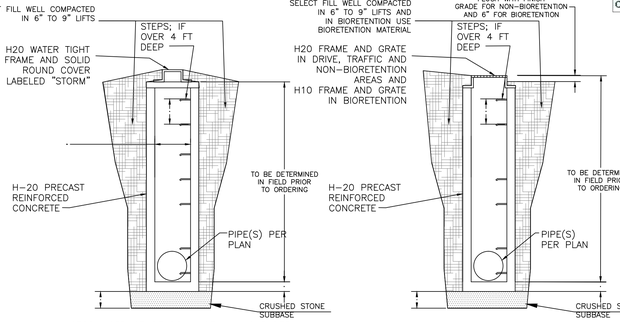
LANDGRADING SPECIFICATIONS

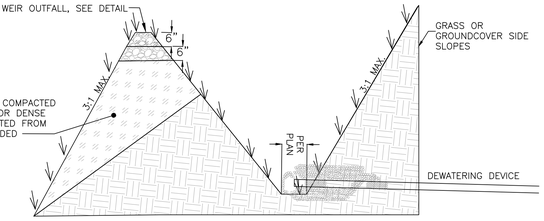


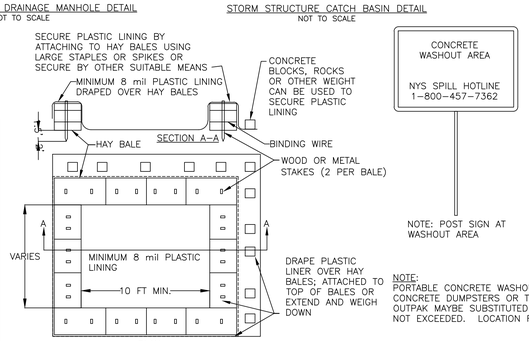
INSTALLATION NOTES

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILTFENCE.

STOCK PILE





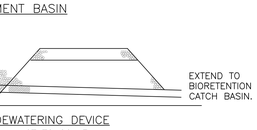


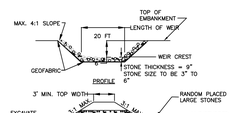
CONCRETE WASHOUT AREA

NYS SPILL HOTLINE 1-800-457-7362

NOTE: POST SIGN AT WASHOUT AREA

NOTE:
PORTABLE CONCRETE WASHOUT AREAS SUCH AS CONCRETE DUMPSTERS OR THOSE MANUFACTURED BY OUTPAK MAYBE SUBSTITUTED PROVIDED THE CAPACITY IS NOT EXCEEDED. LOCATION RESTRICTIONS MUST BE MET.




MAX. 4:1 SLOPE
TOP OF EMBANKMENT
LENGTH OF WEIR
20' FT
WEIR CREST
GEOFABRIC
STONE THICKNESS = 9" STONE SIZE TO BE 3" TO 6"
PROFILE
3' MIN. TOP WIDTH
RANDOM PLACED LARGE STON

APPENDIX 3

WATER QUALITY & RUNOFF REDUCTION AND CHANNEL PROTECTION

WATER QUALITY & RUNOFF REDUCTION

Step 2 - Calculate Water Quality Volume

Is this project subject to Section 4.3 of the NYS Design Manual for Enhanced Phosphorus Removal?	No
What is the nature of this construction project?	Redevelopment with increase in impervious area

Design Point:	1	
P=	1.35	inches

Enter 90% Rainfall Event as P

Calculate Required WQv

Drainage Area Number	Contributing Area (Acres)	Impervious Area (Acres)	Percent Impervious %	Rv	WQv (cf)	SMP Description
1	2.38	1.61	68	0.66	7,683	Infiltration Basin
2						
3	1.83	1.48	81	0.78	6,975	FOR PRETREATMENT 1A
4	0.28	0.13	46	0.47	642	FOR PRETREATMENT 1B
5						PRETREATMENT VOLUME REQUIRED IS 50% WQv
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
Total	2.38	1.61	68	0.66	7,683	**Required WQv**

Steps 3 and 5 - Apply RR Techniques and Standard SMPs

Runoff Reduction Volume and Treated Volumes						
	Runoff Reduction Techiques/Standard SMPs		**Total Contributing Area**	**Total Contributing Impervious Area**	**WQv Reduced (RRv)**	**WQv Treated**
			(acres)	**(acres)**	**(cf)**	**(cf)**
RR Techniques	Conservation of Natural Areas	RR-1	0.00		0	
	Sheet Flow to Riparian Buffer/Filter Strip	RR-2	0.00	0.00	0	
	Tree Planting/Tree Pit/Tree Trench	RR-3	0.00	0.00	0	
	Disconnection of Rooftop Runoff	RR-4		0.00	0	
	Vegetated Swale	RR-5	0.00	0.00	0	
	Rain Garden	RR-6	0.00	0.00	0	
	Stormwater Planter	RR-7	0.00	0.00	0	
	Rainwater Harvesting Systems	RR-8	0.00	0.00	0	
	Porous Pavement	RR-9	0.00	0.00	0	
	Green Roof (Extensive & Intensive)	RR-10	0.00	0.00	0	
	Stream Daylighting	RR-11				
Standard SMPs w/ RRv Capacity	Infiltration Trench	I-1	0.00	0.00	0	0
	Infiltration Basin	I-2	2.38	1.61	0	0
	Dry Well	I-3	0.00	0.00	0	0
	Underground Infiltration System	I-4	2.38	1.61	0	0
	Infiltration Bioretention	F-4	0.00	0.00	0	0
	Filtration Bioretention	F-5	0.00	0.00	0	0
	Bioslope	F-6	0.00	0.00	0	0
	Dry swale	O-1	0.00	0.00	0	0
Standard SMPs	Micropool Extended Detention	P-1	0.00	0.00		0
	Wet Pond	P-2	0.00	0.00		0
	Wet Extended Detention	P-3	0.00	0.00		0
	Multiple Pond System	P-4	0.00	0.00		0
	Shallow Wetland	W-1	0.00	0.00		0
	Extended Detention Shallow Wetland	W-2	0.00	0.00		0
	Pond/Wetland System	W-3	0.00	0.00		0
	Pocket Wetland	W-4	0.00	0.00		0
	Gravel Wetland	W-5	0.00	0.00		0
	Surface Sand Filter	F-1	0.00	0.00		0
	Underground Sand Filter	F-2	0.00	0.00		0
	Perimeter Sand Filter	F-3	0.00	0.00		0
	Wet Swale	O-2	0.00	0.00		0
Alt. SMPs	Flow Based Alternative Practice	-	0.00	0.00		0
	Volume Based Alternative Practice	-				
	Totals by RR Technique →		0.00	0.00	0	
	Totals by Standard SMP w/RRV →		4.75	3.22	0	0
	Totals by Standard SMP →		0.00	0.00		0
	Totals by Alternative SMP →		0.00	0.00		0
	Totals (RR Techniques + all SMPs) →		4.75	3.22	0	0

Infiltration Basin (I-2)

Design Point:	1

Enter Site Data For Drainage Area to be Treated by Practice							
Drainage Area Number	**Contributing Area** (Acres)	**Impervious Area** (Acres)	**Percent Impervious** %	**Rv**	**WQv** (cf)	**Precipitation** (in)	**Description**
1	2.38	1.61	68	0.66	7,683	1.35	Infiltration Basin

Design Criteria		
Enter underlying soil infiltration rate (based on geotechnical testing, refer to Appendix D)	20	
Is the contributing area to the practice an "Infiltration Restricted" stormwater hotspot?	No	
Is the contributing area to the practice an "Infiltration Prohibited" stormwater hotspot?	No	
Maximum contributing area (acres)	50	
Is the contributing area greater than the maximum allowed contributing area?	No	
Enter depth to seasonal high water table (ft)	>6	
Enter depth to bedrock (ft)	5	
Enter pretreatment volume provided (cf)	3,842	
Enter depth of freeboard (ft)	1	
Enter depth of basin (ft)	2.5	
Enter slope of maintenance access (%)	2	
Enter width of maintenance access (ft)	12	

Sizing Criteria				
		Value	Units	Notes
Water Quality Volume	WQv	7683	cf	
Basin depth	db	2.5	ft	
Required Surface Area	Ab	3,073	sf	
Enter Surface Area Provided	Ab	3075	sf	

Determine Runoff Reduction		
RRv Provided	**7,683**	***cf***

Stage-Area-Storage for Pond PT1A: PRETREATMENT - 1A FOR NEW PARKING LOT

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
158.00	1,200	0
158.05	1,241	61
158.10	1,282	124
158.15	1,324	189
158.20	1,365	256
158.25	1,406	326
158.30	1,447	397
158.35	1,488	470
158.40	1,530	546
158.45	1,571	623
158.50	1,612	703
158.55	1,653	785
158.60	1,694	868
158.65	1,736	954
158.70	1,777	1,042
158.75	1,818	1,132
158.80	1,859	1,224
158.85	1,900	1,318
158.90	1,942	1,414
158.95	1,983	1,512
159.00	2,024	1,612
159.05	2,053	1,714
159.10	2,082	1,817
159.15	2,110	1,922
159.20	2,139	2,028
159.25	2,168	2,136
159.30	2,197	2,245
159.35	2,226	2,356
159.40	2,254	2,468
159.45	2,283	2,581
159.50	2,312	2,696
159.55	2,341	2,812
159.60	2,370	2,930
159.65	2,398	3,049
159.70	2,427	3,170
159.75	2,456	3,292
159.80	2,485	3,416
159.85	2,514	3,540
159.90	2,542	3,667
159.95	2,571	3,795
160.00	2,600	3,924
160.05	2,650	4,055
160.10	2,700	4,189
160.15	2,750	4,325
160.20	2,800	4,464
160.25	2,850	4,605
160.30	2,900	4,749
160.35	2,950	4,895
160.40	3,000	5,044
160.45	3,050	5,195
160.50	**3,100**	**5,349**

OVERFLOW WEIR ELEV = 160.0
MIN PRETREATMENT VOLUME REQ'D = 3488 CF

Stage-Area-Storage for Pond PT1B: PRETREATMENT - 1B FOR NEW DRIVE

Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)	Elevation (feet)	Storage (cubic-feet)
158.00	0	159.06	188	160.12	596
158.02	2	159.08	193	160.14	606
158.04	4	159.10	199	160.16	617
158.06	6	159.12	204	160.18	627
158.08	8	159.14	210	160.20	638
158.10	11	159.16	215	160.22	649
158.12	13	159.18	221	160.24	660
158.14	15	159.20	227	160.26	671
158.16	18	159.22	233	160.28	682
158.18	20	159.24	239	160.30	693
158.20	22	159.26	245	160.32	705
158.22	25	159.28	251	160.34	716
158.24	28	159.30	258	160.36	728
158.26	30	159.32	264	160.38	740
158.28	33	159.34	271	160.40	751
158.30	36	159.36	277	160.42	763
158.32	39	159.38	284	160.44	776
158.34	41	159.40	291	160.46	788
158.36	44	159.42	297	160.48	800
158.38	47	159.44	304	160.50	813
158.40	50	159.46	311	160.52	825
158.42	53	159.48	318	160.54	838
158.44	57	159.50	326	160.56	851
158.46	60	159.52	333	160.58	863
158.48	63	159.54	340	160.60	877
158.50	67	159.56	348	160.62	890
158.52	70	159.58	355	160.64	903
158.54	73	159.60	363	160.66	916
158.56	77	159.62	370	160.68	930
158.58	81	159.64	378	160.70	944
158.60	84	159.66	386	160.72	957
158.62	88	159.68	394	160.74	971
158.64	92	159.70	402	160.76	985
158.66	96	159.72	411	160.78	1,000
158.68	100	159.74	419	160.80	1,014
158.70	104	159.76	427	160.82	1,028
158.72	108	159.78	436	160.84	1,043
158.74	112	159.80	444	160.86	1,057
158.76	116	159.82	453	160.88	1,072
158.78	120	159.84	462	160.90	1,087
158.80	125	159.86	471	160.92	1,102
158.82	129	159.88	480	160.94	1,118
158.84	133	159.90	489	160.96	1,133
158.86	138	159.92	498	160.98	1,148
158.88	143	159.94	507	161.00	**1,164**
158.90	147	159.96	517		
158.92	152	159.98	526		
158.94	157	160.00	536		
158.96	162	160.02	546		
158.98	167	160.04	556		
159.00	172	160.06	566		
159.02	177	160.08	576		
159.04	182	160.10	586		

OVERFLOW WEIR ELEV = 160.0
MIN PRETREATMENT VOLUME REQ'D = 322 CF

Step 4 - Calcuate Minimum RRv Required

Enter the Soils Data for the site		
Hydrologic Soil Group	Acres	S
A	1.61	55%
B		40%
C		30%
D		20%
Total Area	1.61	

Calculate the Minimum RRv		
S =	**0.55**	
Impervious =	1.61	*acres*
Precipitation	1.35	*inches*
Rv	0.95	
Minimum RRv	**0.095**	***af***
	4138	cf

NOI QUESTIONS

#	NOI Question	Reported Value	
		cf	af
28	Total Water Quality Volume (WQv) Required	7683	0.176
30	Total RRV Provided	0	0.000
31	Is RRv Provided ≥WQv Required?	No	
32	Minimum RRv	4138	0.095
32a	Is RRv Provided ≥ Minimum RRv Required?	No	
	Contact Regional DEC Office		
33a	Total WQv Treated	0	0.000
34	Sum of Volume Reduced & Treated	0	0.000
35	Is Sum RRv Provided and WQv Provided ≥WQv Required?	No	

CHANNEL PROTECTION

Stream Channel Proctection Volume (Cp)

Ia = 200/CN-2

P_1 = One year rainfall = 2.80 inches

Vs/Vr = 0.682-1.43(Qo/Qi)+1.64(Qo/Qi))^2-0.804(Qo/Qi)^3

Qd = Post-development runoff for P_1 (inches)

A = Site area in acres

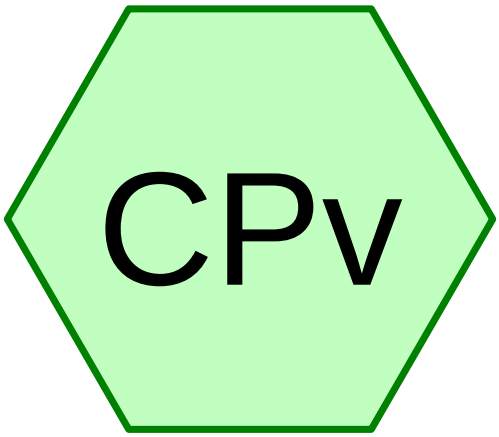
Vs (Cp)= (Vs/Vr)(Qd)(A)/12 (acre-feet)

Watershed	CN	Ia	P_1	Ia/P	Tc (hours) *	Qu** (csm/in)	(Qo / Qi) ** *	(Vs/Vr)	Qd	A, ac	Vs (acre-ft)	RRv + WQv Prov'd (cu ft)	1year detention (cu ft)
DP-1-East	81	0.47	2.80	0.168	0.10	625	0.040	0.627	1.49	2.3	0.2	7,683	2,537
									Total CPv Provided, ac-ft			**0.2**	

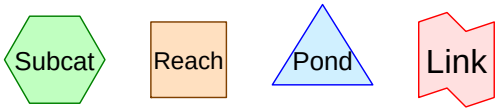
* Tc = Minimum

** Using NRCC Mass Curve Value

*** Using T= 24 hr and Figure D.11.2 from MD design Manual



CHANNEL PROTECTION VOLUME-EAST



Routing Diagram for PRE-POST-20241222-1
Prepared by Berger Engineering & Surveying PLLC, Printed 12/22/2024
HydroCAD® 10.10-7a s/n 00820 © 2021 HydroCAD Software Solutions LLC

Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment CPv: CHANNEL Runoff Area=2.330 ac 67.81% Impervious Runoff Depth=1.49"
Tc=6.0 min CN=86 Runoff=4 cfs 0.290 af

Summary for Subcatchment CPv: CHANNEL PROTECTION VOLUME-EAST

Runoff = 4 cfs @ 12.09 hrs, Volume= 0.290 af, Depth= 1.49"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

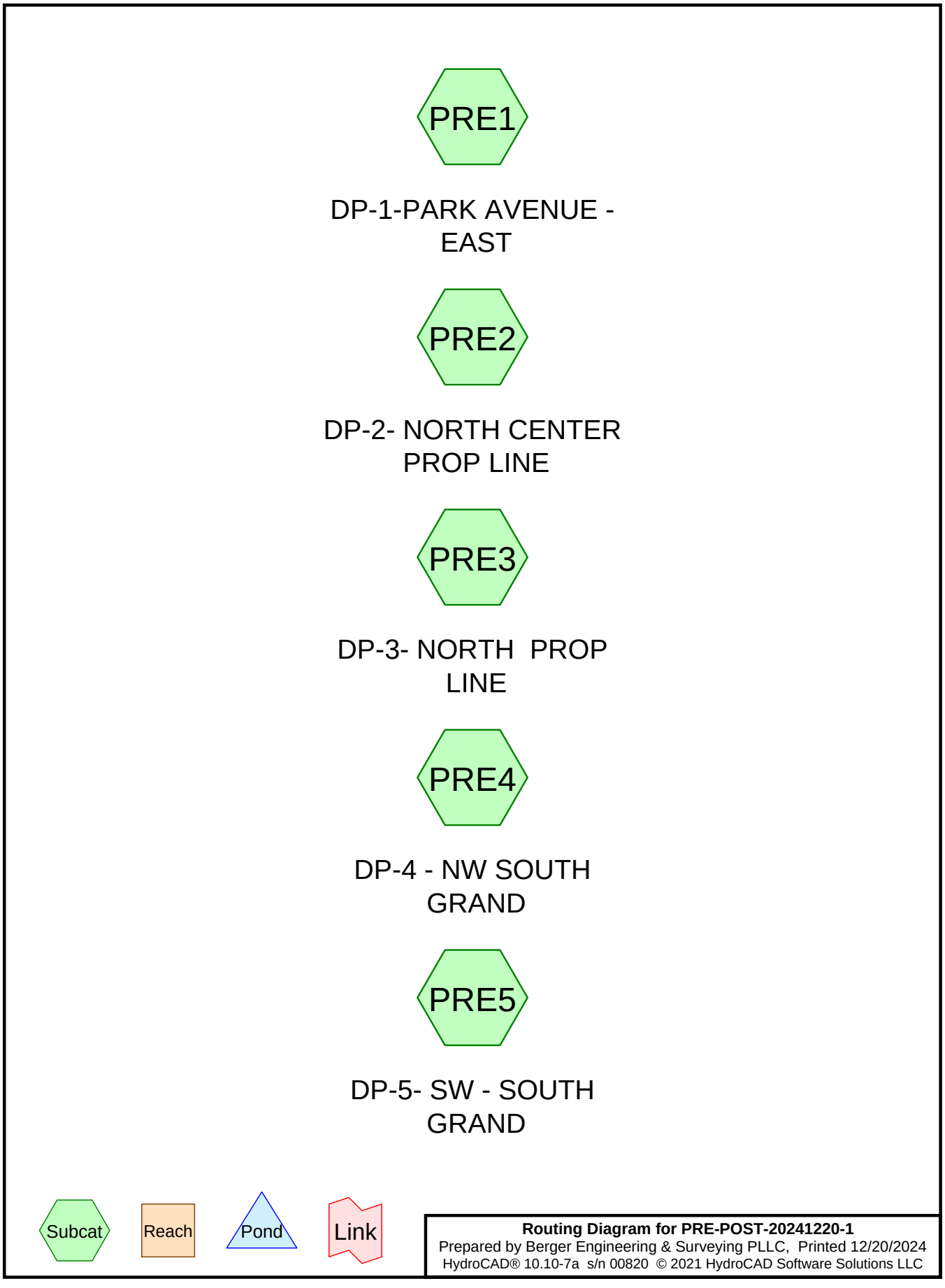
	Area (ac)	CN	Description
*	1.580	98	Existing & new impervious
	0.750	61	>75% Grass cover, Good, HSG B
	2.330	86	Weighted Average
	0.750		32.19% Pervious Area
	1.580		67.81% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

APPENDIX 4

HYDROCAD OUTPUT REPORTS

PRE-DEVELOPMENT HYDROCAD OUTPUT REPORTS


PRE1
DP-1-PARK AVENUE - EAST
PRE2
DP-2- NORTH CENTER PROP LINE
PRE3
DP-3- NORTH PROP LINE
PRE4
DP-4 - NW SOUTH GRAND
PRE5
DP-5- SW - SOUTH GRAND
Subcat
Reach
Pond
Link
Routing Diagram for PRE-POST-20241220-1
Prepared by Berger Engineering & Surveying PLLC, Printed 12/20/2024
HydroCAD® 10.10-7a s/n 00820 © 2021 HydroCAD Software Solutions LLC

Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment PRE1: DP-1-PARK AVENUE - Runoff Area=1.920 ac 0.52% Impervious Runoff Depth=0.29"
Flow Length=355' Tc=8.4 min CN=61 Runoff=0 cfs 0.047 af

Subcatchment PRE2: DP-2- NORTH CENTER Runoff Area=0.220 ac 0.00% Impervious Runoff Depth=0.29"
Tc=6.0 min CN=61 Runoff=0 cfs 0.005 af

Subcatchment PRE3: DP-3- NORTH PROP Runoff Area=0.340 ac 0.00% Impervious Runoff Depth=0.29"
Tc=6.0 min CN=61 Runoff=0 cfs 0.008 af

Subcatchment PRE4: DP-4 - NW SOUTH Runoff Area=2.760 ac 47.83% Impervious Runoff Depth=1.04"
Flow Length=775' Tc=10.5 min CN=79 Runoff=3 cfs 0.240 af

Subcatchment PRE5: DP-5- SW - SOUTH Runoff Area=1.710 ac 59.65% Impervious Runoff Depth=1.29"
Flow Length=495' Tc=11.5 min CN=83 Runoff=2 cfs 0.183 af

Summary for Subcatchment PRE1: DP-1-PARK AVENUE - EAST

Runoff = 0 cfs @ 12.29 hrs, Volume= 0.047 af, Depth= 0.29"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
1.910	61	>75% Grass cover, Good, HSG B
0.010	98	Paved parking, HSG B
1.920	61	Weighted Average
1.910		99.48% Pervious Area
0.010		0.52% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7	15	0.0100	0.09		**Sheet Flow,** Grass: Short n= 0.150 P2= 3.50"
5.7	340	0.0200	0.99		**Shallow Concentrated Flow,** Short Grass Pasture Kv= 7.0 fps
8.4	355	Total			

Summary for Subcatchment PRE2: DP-2- NORTH CENTER PROP LINE

Runoff = 0 cfs @ 12.15 hrs, Volume= 0.005 af, Depth= 0.29"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
0.220	61	>75% Grass cover, Good, HSG B
0.000	98	Paved parking, HSG B
0.220	61	Weighted Average
0.220		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PRE3: DP-3- NORTH PROP LINE

Runoff = 0 cfs @ 12.15 hrs, Volume= 0.008 af, Depth= 0.29"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
0.340	61	>75% Grass cover, Good, HSG B
0.000	98	Paved parking, HSG B
0.340	61	Weighted Average
0.340		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PRE4: DP-4 - NW SOUTH GRAND

Runoff = 3 cfs @ 12.15 hrs, Volume= 0.240 af, Depth= 1.04"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
1.440	61	>75% Grass cover, Good, HSG B
1.320	98	Paved parking, HSG B
2.760	79	Weighted Average
1.440		52.17% Pervious Area
1.320		47.83% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.7	100	0.0200	0.99		**Shallow Concentrated Flow,** Short Grass Pasture Kv= 7.0 fps
8.8	675	0.0040	1.28		**Shallow Concentrated Flow,** Paved Kv= 20.3 fps
10.5	775	Total			

Summary for Subcatchment PRE5: DP-5- SW - SOUTH GRAND

Runoff = 2 cfs @ 12.16 hrs, Volume= 0.183 af, Depth= 1.29"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
0.690	61	>75% Grass cover, Good, HSG B
1.020	98	Paved parking, HSG B
1.710	83	Weighted Average
0.690		40.35% Pervious Area
1.020		59.65% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
7.8	50	0.0200	0.11		**Sheet Flow,** Grass: Dense n= 0.240 P2= 3.50"
3.7	445	0.0100	2.03		**Shallow Concentrated Flow,** Paved Kv= 20.3 fps
11.5	495	Total			

Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment PRE1: DP-1-PARK AVENUE - Runoff Area=1.920 ac 0.52% Impervious Runoff Depth=1.37"
Flow Length=355' Tc=8.4 min CN=61 Runoff=3 cfs 0.219 af

Subcatchment PRE2: DP-2- NORTH CENTER Runoff Area=0.220 ac 0.00% Impervious Runoff Depth=1.37"
Tc=6.0 min CN=61 Runoff=0 cfs 0.025 af

Subcatchment PRE3: DP-3- NORTH PROP Runoff Area=0.340 ac 0.00% Impervious Runoff Depth=1.37"
Tc=6.0 min CN=61 Runoff=0 cfs 0.039 af

Subcatchment PRE4: DP-4 - NW SOUTH Runoff Area=2.760 ac 47.83% Impervious Runoff Depth=2.80"
Flow Length=775' Tc=10.5 min CN=79 Runoff=8 cfs 0.644 af

Subcatchment PRE5: DP-5- SW - SOUTH Runoff Area=1.710 ac 59.65% Impervious Runoff Depth=3.17"
Flow Length=495' Tc=11.5 min CN=83 Runoff=5 cfs 0.452 af

Summary for Subcatchment PRE1: DP-1-PARK AVENUE - EAST

Runoff = 3 cfs @ 12.13 hrs, Volume= 0.219 af, Depth= 1.37"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
1.910	61	>75% Grass cover, Good, HSG B
0.010	98	Paved parking, HSG B
1.920	61	Weighted Average
1.910		99.48% Pervious Area
0.010		0.52% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7	15	0.0100	0.09		**Sheet Flow,** Grass: Short n= 0.150 P2= 3.50"
5.7	340	0.0200	0.99		**Shallow Concentrated Flow,** Short Grass Pasture Kv= 7.0 fps
8.4	355	Total			

Summary for Subcatchment PRE2: DP-2- NORTH CENTER PROP LINE

Runoff = 0 cfs @ 12.10 hrs, Volume= 0.025 af, Depth= 1.37"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
0.220	61	>75% Grass cover, Good, HSG B
0.000	98	Paved parking, HSG B
0.220	61	Weighted Average
0.220		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PRE3: DP-3- NORTH PROP LINE

Runoff = 0 cfs @ 12.10 hrs, Volume= 0.039 af, Depth= 1.37"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
0.340	61	>75% Grass cover, Good, HSG B
0.000	98	Paved parking, HSG B
0.340	61	Weighted Average
0.340		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PRE4: DP-4 - NW SOUTH GRAND

Runoff = 8 cfs @ 12.15 hrs, Volume= 0.644 af, Depth= 2.80"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
1.440	61	>75% Grass cover, Good, HSG B
1.320	98	Paved parking, HSG B
2.760	79	Weighted Average
1.440		52.17% Pervious Area
1.320		47.83% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.7	100	0.0200	0.99		**Shallow Concentrated Flow,** Short Grass Pasture Kv= 7.0 fps
8.8	675	0.0040	1.28		**Shallow Concentrated Flow,** Paved Kv= 20.3 fps
10.5	775	Total			

Summary for Subcatchment PRE5: DP-5- SW - SOUTH GRAND

Runoff = 5 cfs @ 12.16 hrs, Volume= 0.452 af, Depth= 3.17"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
0.690	61	>75% Grass cover, Good, HSG B
1.020	98	Paved parking, HSG B
1.710	83	Weighted Average
0.690		40.35% Pervious Area
1.020		59.65% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
7.8	50	0.0200	0.11		**Sheet Flow,** Grass: Dense n= 0.240 P2= 3.50"
3.7	445	0.0100	2.03		**Shallow Concentrated Flow,** Paved Kv= 20.3 fps
11.5	495	Total			

Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment PRE1: DP-1-PARK AVENUE - Runoff Area=1.920 ac 0.52% Impervious Runoff Depth=3.44"
Flow Length=355' Tc=8.4 min CN=61 Runoff=7 cfs 0.551 af

Subcatchment PRE2: DP-2- NORTH CENTER Runoff Area=0.220 ac 0.00% Impervious Runoff Depth=3.44"
Tc=6.0 min CN=61 Runoff=1 cfs 0.063 af

Subcatchment PRE3: DP-3- NORTH PROP Runoff Area=0.340 ac 0.00% Impervious Runoff Depth=3.44"
Tc=6.0 min CN=61 Runoff=1 cfs 0.098 af

Subcatchment PRE4: DP-4 - NW SOUTH Runoff Area=2.760 ac 47.83% Impervious Runoff Depth=5.51"
Flow Length=775' Tc=10.5 min CN=79 Runoff=15 cfs 1.267 af

Subcatchment PRE5: DP-5- SW - SOUTH Runoff Area=1.710 ac 59.65% Impervious Runoff Depth=5.98"
Flow Length=495' Tc=11.5 min CN=83 Runoff=10 cfs 0.852 af

Summary for Subcatchment PRE1: DP-1-PARK AVENUE - EAST

Runoff = 7 cfs @ 12.12 hrs, Volume= 0.551 af, Depth= 3.44"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
1.910	61	>75% Grass cover, Good, HSG B
0.010	98	Paved parking, HSG B
1.920	61	Weighted Average
1.910		99.48% Pervious Area
0.010		0.52% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7	15	0.0100	0.09		**Sheet Flow,** Grass: Short n= 0.150 P2= 3.50"
5.7	340	0.0200	0.99		**Shallow Concentrated Flow,** Short Grass Pasture Kv= 7.0 fps
8.4	355	Total			

Summary for Subcatchment PRE2: DP-2- NORTH CENTER PROP LINE

Runoff = 1 cfs @ 12.09 hrs, Volume= 0.063 af, Depth= 3.44"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
0.220	61	>75% Grass cover, Good, HSG B
0.000	98	Paved parking, HSG B
0.220	61	Weighted Average
0.220		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PRE3: DP-3- NORTH PROP LINE

Runoff = 1 cfs @ 12.09 hrs, Volume= 0.098 af, Depth= 3.44"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
0.340	61	>75% Grass cover, Good, HSG B
0.000	98	Paved parking, HSG B
0.340	61	Weighted Average
0.340		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PRE4: DP-4 - NW SOUTH GRAND

Runoff = 15 cfs @ 12.14 hrs, Volume= 1.267 af, Depth= 5.51"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
1.440	61	>75% Grass cover, Good, HSG B
1.320	98	Paved parking, HSG B
2.760	79	Weighted Average
1.440		52.17% Pervious Area
1.320		47.83% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.7	100	0.0200	0.99		**Shallow Concentrated Flow,** Short Grass Pasture Kv= 7.0 fps
8.8	675	0.0040	1.28		**Shallow Concentrated Flow,** Paved Kv= 20.3 fps
10.5	775	Total			

Summary for Subcatchment PRE5: DP-5- SW - SOUTH GRAND

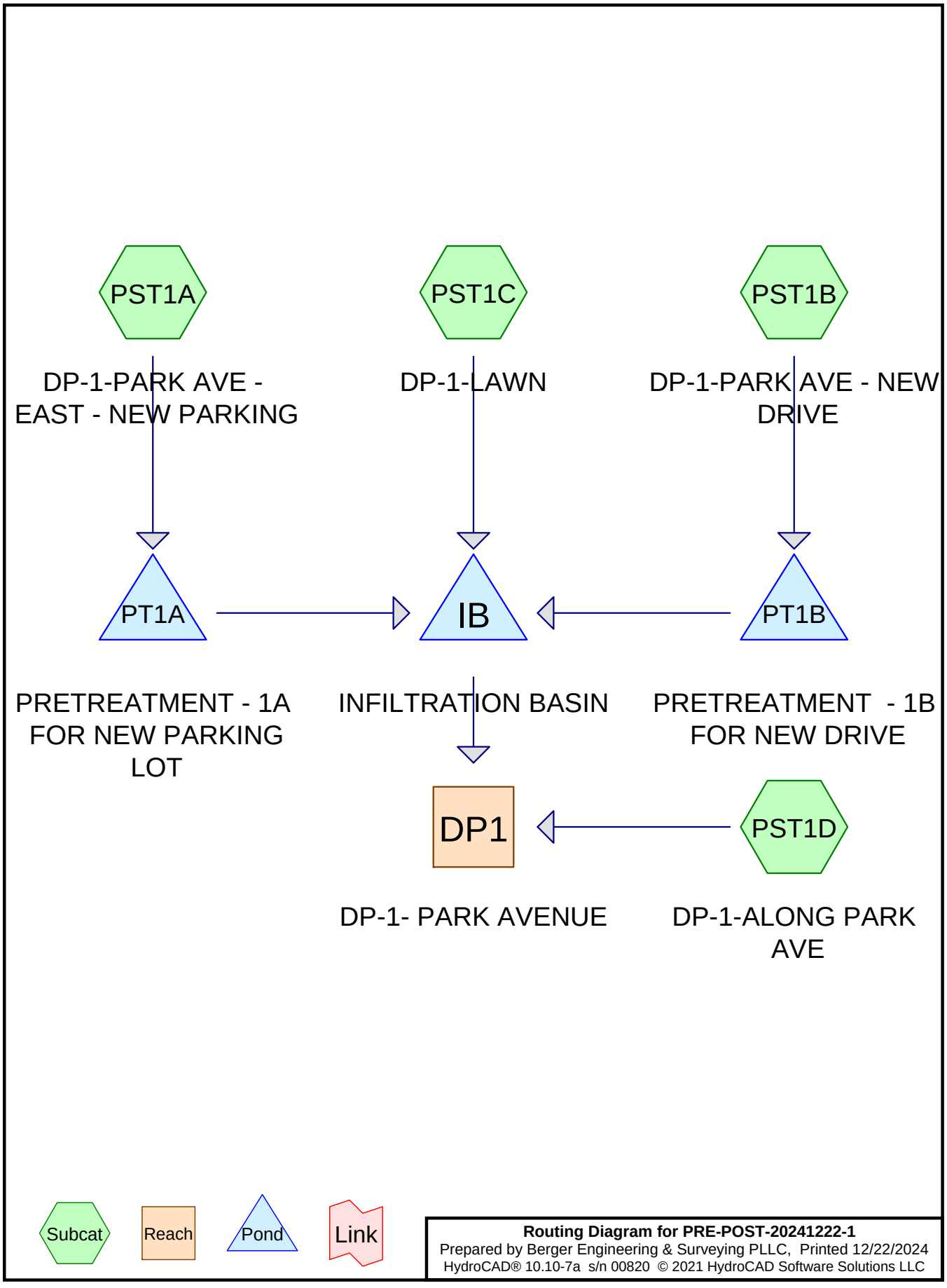
Runoff = 10 cfs @ 12.15 hrs, Volume= 0.852 af, Depth= 5.98"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
0.690	61	>75% Grass cover, Good, HSG B
1.020	98	Paved parking, HSG B
1.710	83	Weighted Average
0.690		40.35% Pervious Area
1.020		59.65% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
7.8	50	0.0200	0.11		**Sheet Flow,** Grass: Dense n= 0.240 P2= 3.50"
3.7	445	0.0100	2.03		**Shallow Concentrated Flow,** Paved Kv= 20.3 fps
11.5	495	Total			

POST-DEVELOPMENT HYDROCAD OUTPUT REPORTS


PST1A
PST1C
PST1B
DP-1-PARK AVE - EAST - NEW PARKING
DP-1-LAWN
DP-1-PARK AVE - NEW DRIVE
PT1A
IB
PT1B
PRETREATMENT - 1A FOR NEW PARKING LOT
INFILTRATION BASIN
PRETREATMENT - 1B FOR NEW DRIVE
DP1
PST1D
DP-1- PARK AVENUE
DP-1-ALONG PARK AVE
Subcat
Reach
Pond
Link
Routing Diagram for PRE-POST-20241222-1
Prepared by Berger Engineering & Surveying PLLC, Printed 12/22/2024
HydroCAD® 10.10-7a s/n 00820 © 2021 HydroCAD Software Solutions LLC

Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment PST1A: DP-1-PARK AVE - Runoff Area=1.830 ac 80.87% Impervious Runoff Depth=1.89"
Tc=6.0 min CN=91 Runoff=4 cfs 0.288 af

Subcatchment PST1B: DP-1-PARK AVE - Runoff Area=0.280 ac 46.43% Impervious Runoff Depth=0.99"
Tc=6.0 min CN=78 Runoff=0 cfs 0.023 af

Subcatchment PST1C: DP-1-LAWN Runoff Area=0.270 ac 0.00% Impervious Runoff Depth=0.29"
Tc=1.0 min CN=61 Runoff=0 cfs 0.007 af

Subcatchment PST1D: DP-1-ALONG PARK Runoff Area=0.880 ac 1.14% Impervious Runoff Depth=0.29"
Flow Length=355' Tc=8.4 min CN=61 Runoff=0 cfs 0.021 af

Reach DP1: DP-1- PARK AVENUE Inflow=0 cfs 0.021 af
Outflow=0 cfs 0.021 af

Pond IB: INFILTRATION BASIN Peak Elev=157.98' Storage=1,584 cf Inflow=4 cfs 0.309 af
Discarded=2 cfs 0.309 af Primary=0 cfs 0.000 af Outflow=2 cfs 0.309 af

Pond PT1A: PRETREATMENT - 1A FOR NEW Peak Elev=160.21' Storage=4,491 cf Inflow=4 cfs 0.288 af
Outflow=4 cfs 0.288 af

Pond PT1B: PRETREATMENT - 1B FOR NEW Peak Elev=160.04' Storage=558 cf Inflow=0 cfs 0.023 af
Outflow=0 cfs 0.015 af

Summary for Subcatchment PST1A: DP-1-PARK AVE - EAST - NEW PARKING

Runoff = 4 cfs @ 12.09 hrs, Volume= 0.288 af, Depth= 1.89"
Routed to Pond PT1A : PRETREATMENT - 1A FOR NEW PARKING LOT

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
0.350	61	>75% Grass cover, Good, HSG B
1.480	98	Paved parking, HSG B
1.830	91	Weighted Average
0.350		19.13% Pervious Area
1.480		80.87% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MINIMUM**

Summary for Subcatchment PST1B: DP-1-PARK AVE - NEW DRIVE

Runoff = 0 cfs @ 12.09 hrs, Volume= 0.023 af, Depth= 0.99"
Routed to Pond PT1B : PRETREATMENT - 1B FOR NEW DRIVE

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
0.150	61	>75% Grass cover, Good, HSG B
0.130	98	Paved parking, HSG B
0.280	78	Weighted Average
0.150		53.57% Pervious Area
0.130		46.43% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PST1C: DP-1-LAWN

Runoff = 0 cfs @ 12.06 hrs, Volume= 0.007 af, Depth= 0.29"
Routed to Pond IB : INFILTRATION BASIN

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
0.270	61	>75% Grass cover, Good, HSG B
0.270		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment PST1D: DP-1-ALONG PARK AVE

Runoff = 0 cfs @ 12.29 hrs, Volume= 0.021 af, Depth= 0.29"
Routed to Reach DP1 : DP-1- PARK AVENUE

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
0.870	61	>75% Grass cover, Good, HSG B
0.010	98	Paved parking, HSG B
0.880	61	Weighted Average
0.870		98.86% Pervious Area
0.010		1.14% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7	15	0.0100	0.09		**Sheet Flow,** Grass: Short n= 0.150 P2= 3.50"
5.7	340	0.0200	0.99		**Shallow Concentrated Flow,** Short Grass Pasture Kv= 7.0 fps
8.4	355	Total			

Summary for Reach DP1: DP-1- PARK AVENUE

Inflow Area = 3.260 ac, 49.69% Impervious, Inflow Depth = 0.08" for 1-Year event
Inflow = 0 cfs @ 12.29 hrs, Volume= 0.021 af
Outflow = 0 cfs @ 12.29 hrs, Volume= 0.021 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs / 3

Summary for Pond IB: INFILTRATION BASIN

Inflow Area = 2.380 ac, 67.65% Impervious, Inflow Depth = 1.56" for 1-Year event
Inflow = 4 cfs @ 12.11 hrs, Volume= 0.309 af
Outflow = 2 cfs @ 12.38 hrs, Volume= 0.309 af, Atten= 58%, Lag= 16.3 min
Discarded = 2 cfs @ 12.38 hrs, Volume= 0.309 af
Primary = 0 cfs @ 0.00 hrs, Volume= 0.000 af
Routed to Reach DP1 : DP-1- PARK AVENUE

Routing by Dyn-Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs / 3

Peak Elev= 157.98' @ 12.38 hrs Surf.Area= 3,525 sf Storage= 1,584 cf

Plug-Flow detention time= 4.5 min calculated for 0.309 af (100% of inflow)
Center-of-Mass det. time= 4.5 min (826.1 - 821.6)

Volume	Invert	Avail.Storage	Storage Description
#1	157.50'	17,369 cf	**20.00'W x 151.00'L x 3.50'H Prismatoid Z=3.0**

Device	Routing	Invert	Outlet Devices
#1	Primary	160.00'	**10.0' long + 4.0 '/' SideZ x 11.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.53 2.59 2.70 2.68 2.67 2.68 2.66 2.64
#2	Discarded	157.50'	**20.000 in/hr Exfiltration over Surface area** Phase-In= 0.01'

Discarded OutFlow Max=2 cfs @ 12.38 hrs HW=157.98' (Free Discharge)
└**2=Exfiltration** (Exfiltration Controls 2 cfs)

Primary OutFlow Max=0 cfs @ 0.00 hrs HW=157.50' TW=0.00' (Dynamic Tailwater)
└**1=Broad-Crested Rectangular Weir** (Controls 0 cfs)

Summary for Pond PT1A: PRETREATMENT - 1A FOR NEW PARKING LOT

Inflow Area = 1.830 ac, 80.87% Impervious, Inflow Depth = 1.89" for 1-Year event
Inflow = 4 cfs @ 12.09 hrs, Volume= 0.288 af
Outflow = 4 cfs @ 12.11 hrs, Volume= 0.288 af, Atten= 5%, Lag= 1.6 min
Primary = 4 cfs @ 12.11 hrs, Volume= 0.288 af
Routed to Pond IB : INFILTRATION BASIN

Routing by Dyn-Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs / 3
Starting Elev= 160.00' Surf.Area= 2,600 sf Storage= 3,924 cf
Peak Elev= 160.21' @ 12.11 hrs Surf.Area= 2,809 sf Storage= 4,491 cf (567 cf above start)

Plug-Flow detention time= 161.9 min calculated for 0.197 af (69% of inflow)
Center-of-Mass det. time= 5.5 min (813.0 - 807.6)

Volume	Invert	Avail.Storage	Storage Description
#1	158.00'	5,349 cf	**Custom Stage Data (Prismatic)**Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
158.00	1,200	0	0
159.00	2,024	1,612	1,612
160.00	2,600	2,312	3,924
160.50	3,100	1,425	5,349

Device	Routing	Invert	Outlet Devices
#1	Primary	160.00'	**15.0' long + 4.0 '/' SideZ x 11.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.53 2.59 2.70 2.68 2.67 2.68 2.66 2.64

Primary OutFlow Max=4 cfs @ 12.11 hrs HW=160.21' TW=157.73' (Dynamic Tailwater)
└**1=Broad-Crested Rectangular Weir** (Weir Controls 4 cfs @ 1.15 fps)

Summary for Pond PT1B: PRETREATMENT - 1B FOR NEW DRIVE

Inflow Area = 0.280 ac, 46.43% Impervious, Inflow Depth = 0.99" for 1-Year event
Inflow = 0 cfs @ 12.09 hrs, Volume= 0.023 af
Outflow = 0 cfs @ 12.41 hrs, Volume= 0.015 af, Atten= 63%, Lag= 19.0 min
Primary = 0 cfs @ 12.41 hrs, Volume= 0.015 af
Routed to Pond IB : INFILTRATION BASIN

Routing by Dyn-Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs / 3
Starting Elev= 159.00' Surf.Area= 256 sf Storage= 172 cf
Peak Elev= 160.04' @ 12.41 hrs Surf.Area= 496 sf Storage= 558 cf (386 cf above start)

Plug-Flow detention time= 280.8 min calculated for 0.011 af (47% of inflow)
Center-of-Mass det. time= 83.1 min (939.8 - 856.8)

Volume	Invert	Avail.Storage	Storage Description
#1	158.00'	1,164 cf	**10.00'W x 10.00'L x 3.00'H PRE-TREATMENT Z=3.0**

Device	Routing	Invert	Outlet Devices
#1	Primary	160.00'	**5.0' long + 4.0 '/' SideZ x 9.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.46 2.55 2.70 2.69 2.68 2.68 2.67 2.64 2.64 2.64 2.65 2.64 2.65 2.65 2.66 2.67 2.69

Primary OutFlow Max=0 cfs @ 12.41 hrs HW=160.04' TW=157.98' (Dynamic Tailwater)
└**1=Broad-Crested Rectangular Weir** (Weir Controls 0 cfs @ 0.51 fps)

Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment PST1A: DP-1-PARK AVE - Runoff Area=1.830 ac 80.87% Impervious Runoff Depth=3.98"
Tc=6.0 min CN=91 Runoff=8 cfs 0.607 af

Subcatchment PST1B: DP-1-PARK AVE - Runoff Area=0.280 ac 46.43% Impervious Runoff Depth=2.71"
Tc=6.0 min CN=78 Runoff=1 cfs 0.063 af

Subcatchment PST1C: DP-1-LAWN Runoff Area=0.270 ac 0.00% Impervious Runoff Depth=1.37"
Tc=1.0 min CN=61 Runoff=0 cfs 0.031 af

Subcatchment PST1D: DP-1-ALONG PARK Runoff Area=0.880 ac 1.14% Impervious Runoff Depth=1.37"
Flow Length=355' Tc=8.4 min CN=61 Runoff=1 cfs 0.100 af

Reach DP1: DP-1- PARK AVENUE Inflow=1 cfs 0.100 af
Outflow=1 cfs 0.100 af

Pond IB: INFILTRATION BASIN Peak Elev=159.32' Storage=7,257 cf Inflow=9 cfs 0.693 af
Discarded=2 cfs 0.693 af Primary=0 cfs 0.000 af Outflow=2 cfs 0.693 af

Pond PT1A: PRETREATMENT - 1A FOR NEW Peak Elev=160.33' Storage=4,844 cf Inflow=8 cfs 0.607 af
Outflow=8 cfs 0.607 af

Pond PT1B: PRETREATMENT - 1B FOR NEW Peak Elev=160.16' Storage=617 cf Inflow=1 cfs 0.063 af
Outflow=1 cfs 0.055 af

Summary for Subcatchment PST1A: DP-1-PARK AVE - EAST - NEW PARKING

Runoff = 8 cfs @ 12.08 hrs, Volume= 0.607 af, Depth= 3.98"
Routed to Pond PT1A : PRETREATMENT - 1A FOR NEW PARKING LOT

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
0.350	61	>75% Grass cover, Good, HSG B
1.480	98	Paved parking, HSG B
1.830	91	Weighted Average
0.350		19.13% Pervious Area
1.480		80.87% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MINIMUM**

Summary for Subcatchment PST1B: DP-1-PARK AVE - NEW DRIVE

Runoff = 1 cfs @ 12.09 hrs, Volume= 0.063 af, Depth= 2.71"
Routed to Pond PT1B : PRETREATMENT - 1B FOR NEW DRIVE

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
0.150	61	>75% Grass cover, Good, HSG B
0.130	98	Paved parking, HSG B
0.280	78	Weighted Average
0.150		53.57% Pervious Area
0.130		46.43% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PST1C: DP-1-LAWN

Runoff = 0 cfs @ 12.02 hrs, Volume= 0.031 af, Depth= 1.37"
Routed to Pond IB : INFILTRATION BASIN

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
0.270	61	>75% Grass cover, Good, HSG B
0.270		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment PST1D: DP-1-ALONG PARK AVE

Runoff = 1 cfs @ 12.13 hrs, Volume= 0.100 af, Depth= 1.37"
Routed to Reach DP1 : DP-1- PARK AVENUE

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
0.870	61	>75% Grass cover, Good, HSG B
0.010	98	Paved parking, HSG B
0.880	61	Weighted Average
0.870		98.86% Pervious Area
0.010		1.14% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7	15	0.0100	0.09		**Sheet Flow,** Grass: Short n= 0.150 P2= 3.50"
5.7	340	0.0200	0.99		**Shallow Concentrated Flow,** Short Grass Pasture Kv= 7.0 fps
8.4	355	Total			

Summary for Reach DP1: DP-1- PARK AVENUE

Inflow Area = 3.260 ac, 49.69% Impervious, Inflow Depth = 0.37" for 10-Year event
Inflow = 1 cfs @ 12.13 hrs, Volume= 0.100 af
Outflow = 1 cfs @ 12.13 hrs, Volume= 0.100 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs / 3

Summary for Pond IB: INFILTRATION BASIN

Inflow Area = 2.380 ac, 67.65% Impervious, Inflow Depth = 3.49" for 10-Year event
Inflow = 9 cfs @ 12.10 hrs, Volume= 0.693 af
Outflow = 2 cfs @ 12.50 hrs, Volume= 0.693 af, Atten= 74%, Lag= 23.8 min
Discarded = 2 cfs @ 12.50 hrs, Volume= 0.693 af
Primary = 0 cfs @ 0.00 hrs, Volume= 0.000 af
Routed to Reach DP1 : DP-1- PARK AVENUE

Routing by Dyn-Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs / 3

Peak Elev= 159.32' @ 12.50 hrs Surf.Area= 5,004 sf Storage= 7,257 cf

Plug-Flow detention time= 19.5 min calculated for 0.693 af (100% of inflow)
Center-of-Mass det. time= 19.5 min (819.1 - 799.7)

Volume	Invert	Avail.Storage	Storage Description
#1	157.50'	17,369 cf	**20.00'W x 151.00'L x 3.50'H Prismatoid Z=3.0**

Device	Routing	Invert	Outlet Devices
#1	Primary	160.00'	**10.0' long + 4.0 '/' SideZ x 11.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.53 2.59 2.70 2.68 2.67 2.68 2.66 2.64
#2	Discarded	157.50'	**20.000 in/hr Exfiltration over Surface area** Phase-In= 0.01'

Discarded OutFlow Max=2 cfs @ 12.50 hrs HW=159.32' (Free Discharge)
└**2=Exfiltration** (Exfiltration Controls 2 cfs)

Primary OutFlow Max=0 cfs @ 0.00 hrs HW=157.50' TW=0.00' (Dynamic Tailwater)
└**1=Broad-Crested Rectangular Weir** (Controls 0 cfs)

Summary for Pond PT1A: PRETREATMENT - 1A FOR NEW PARKING LOT

Inflow Area = 1.830 ac, 80.87% Impervious, Inflow Depth = 3.98" for 10-Year event
Inflow = 8 cfs @ 12.08 hrs, Volume= 0.607 af
Outflow = 8 cfs @ 12.11 hrs, Volume= 0.607 af, Atten= 3%, Lag= 1.3 min
Primary = 8 cfs @ 12.11 hrs, Volume= 0.607 af
Routed to Pond IB : INFILTRATION BASIN

Routing by Dyn-Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs / 3
Starting Elev= 160.00' Surf.Area= 2,600 sf Storage= 3,924 cf
Peak Elev= 160.33' @ 12.11 hrs Surf.Area= 2,933 sf Storage= 4,844 cf (920 cf above start)

Plug-Flow detention time= 105.1 min calculated for 0.517 af (85% of inflow)
Center-of-Mass det. time= 4.4 min (791.2 - 786.8)

Volume	Invert	Avail.Storage	Storage Description
#1	158.00'	5,349 cf	**Custom Stage Data (Prismatic)**Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
158.00	1,200	0	0
159.00	2,024	1,612	1,612
160.00	2,600	2,312	3,924
160.50	3,100	1,425	5,349

Device	Routing	Invert	Outlet Devices
#1	Primary	160.00'	**15.0' long + 4.0 '/' SideZ x 11.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.53 2.59 2.70 2.68 2.67 2.68 2.66 2.64

Primary OutFlow Max=8 cfs @ 12.11 hrs HW=160.33' TW=158.52' (Dynamic Tailwater)
└**1=Broad-Crested Rectangular Weir** (Weir Controls 8 cfs @ 1.46 fps)

Summary for Pond PT1B: PRETREATMENT - 1B FOR NEW DRIVE

Inflow Area = 0.280 ac, 46.43% Impervious, Inflow Depth = 2.71" for 10-Year event
Inflow = 1 cfs @ 12.09 hrs, Volume= 0.063 af
Outflow = 1 cfs @ 12.11 hrs, Volume= 0.055 af, Atten= 2%, Lag= 1.0 min
Primary = 1 cfs @ 12.11 hrs, Volume= 0.055 af
Routed to Pond IB : INFILTRATION BASIN

Routing by Dyn-Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs / 3
Starting Elev= 159.00' Surf.Area= 256 sf Storage= 172 cf
Peak Elev= 160.16' @ 12.11 hrs Surf.Area= 527 sf Storage= 617 cf (445 cf above start)

Plug-Flow detention time= 115.5 min calculated for 0.051 af (81% of inflow)
Center-of-Mass det. time= 28.0 min (855.1 - 827.1)

Volume	Invert	Avail.Storage	Storage Description
#1	158.00'	1,164 cf	**10.00'W x 10.00'L x 3.00'H PRE-TREATMENT Z=3.0**

Device	Routing	Invert	Outlet Devices
#1	Primary	160.00'	**5.0' long + 4.0 '/' SideZ x 9.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.46 2.55 2.70 2.69 2.68 2.68 2.67 2.64 2.64 2.64 2.65 2.64 2.65 2.65 2.66 2.67 2.69

Primary OutFlow Max=1 cfs @ 12.11 hrs HW=160.16' TW=158.52' (Dynamic Tailwater)
└**1=Broad-Crested Rectangular Weir** (Weir Controls 1 cfs @ 0.96 fps)

Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment PST1A: DP-1-PARK AVE - Runoff Area=1.830 ac 80.87% Impervious Runoff Depth=6.92"
Tc=6.0 min CN=91 Runoff=14 cfs 1.056 af

Subcatchment PST1B: DP-1-PARK AVE - Runoff Area=0.280 ac 46.43% Impervious Runoff Depth=5.39"
Tc=6.0 min CN=78 Runoff=2 cfs 0.126 af

Subcatchment PST1C: DP-1-LAWN Runoff Area=0.270 ac 0.00% Impervious Runoff Depth=3.44"
Tc=1.0 min CN=61 Runoff=1 cfs 0.078 af

Subcatchment PST1D: DP-1-ALONG PARK Runoff Area=0.880 ac 1.14% Impervious Runoff Depth=3.44"
Flow Length=355' Tc=8.4 min CN=61 Runoff=3 cfs 0.253 af

Reach DP1: DP-1- PARK AVENUE Inflow=6 cfs 0.367 af
Outflow=6 cfs 0.367 af

Pond IB: INFILTRATION BASIN Peak Elev=160.28' Storage=12,626 cf Inflow=16 cfs 1.251 af
Discarded=3 cfs 1.136 af Primary=4 cfs 0.115 af Outflow=7 cfs 1.251 af

Pond PT1A: PRETREATMENT - 1A FOR NEW Peak Elev=160.46' Storage=5,226 cf Inflow=14 cfs 1.056 af
Outflow=13 cfs 1.056 af

Pond PT1B: PRETREATMENT - 1B FOR NEW Peak Elev=160.29' Storage=688 cf Inflow=2 cfs 0.126 af
Outflow=2 cfs 0.117 af

Summary for Subcatchment PST1A: DP-1-PARK AVE - EAST - NEW PARKING

Runoff = 14 cfs @ 12.08 hrs, Volume= 1.056 af, Depth= 6.92"
Routed to Pond PT1A : PRETREATMENT - 1A FOR NEW PARKING LOT

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
0.350	61	>75% Grass cover, Good, HSG B
1.480	98	Paved parking, HSG B
1.830	91	Weighted Average
0.350		19.13% Pervious Area
1.480		80.87% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry, MINIMUM**

Summary for Subcatchment PST1B: DP-1-PARK AVE - NEW DRIVE

Runoff = 2 cfs @ 12.09 hrs, Volume= 0.126 af, Depth= 5.39"
Routed to Pond PT1B : PRETREATMENT - 1B FOR NEW DRIVE

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
0.150	61	>75% Grass cover, Good, HSG B
0.130	98	Paved parking, HSG B
0.280	78	Weighted Average
0.150		53.57% Pervious Area
0.130		46.43% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PST1C: DP-1-LAWN

Runoff = 1 cfs @ 12.02 hrs, Volume= 0.078 af, Depth= 3.44"
Routed to Pond IB : INFILTRATION BASIN

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
0.270	61	>75% Grass cover, Good, HSG B
0.270		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.0					**Direct Entry,**

Summary for Subcatchment PST1D: DP-1-ALONG PARK AVE

Runoff = 3 cfs @ 12.12 hrs, Volume= 0.253 af, Depth= 3.44"
Routed to Reach DP1 : DP-1- PARK AVENUE

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
0.870	61	>75% Grass cover, Good, HSG B
0.010	98	Paved parking, HSG B
0.880	61	Weighted Average
0.870		98.86% Pervious Area
0.010		1.14% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
2.7	15	0.0100	0.09		**Sheet Flow,** Grass: Short n= 0.150 P2= 3.50"
5.7	340	0.0200	0.99		**Shallow Concentrated Flow,** Short Grass Pasture Kv= 7.0 fps
8.4	355	Total			

Summary for Reach DP1: DP-1- PARK AVENUE

Inflow Area = 3.260 ac, 49.69% Impervious, Inflow Depth = 1.35" for 100-Year event
Inflow = 6 cfs @ 12.27 hrs, Volume= 0.367 af
Outflow = 6 cfs @ 12.27 hrs, Volume= 0.367 af, Atten= 0%, Lag= 0.0 min

Routing by Dyn-Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs / 3

Summary for Pond IB: INFILTRATION BASIN

Inflow Area = 2.380 ac, 67.65% Impervious, Inflow Depth = 6.31" for 100-Year event
Inflow = 16 cfs @ 12.10 hrs, Volume= 1.251 af
Outflow = 7 cfs @ 12.29 hrs, Volume= 1.251 af, Atten= 56%, Lag= 11.7 min
Discarded = 3 cfs @ 12.29 hrs, Volume= 1.136 af
Primary = 4 cfs @ 12.29 hrs, Volume= 0.115 af
Routed to Reach DP1 : DP-1- PARK AVENUE

Routing by Dyn-Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs / 3

Peak Elev= 160.28' @ 12.29 hrs Surf.Area= 6,152 sf Storage= 12,626 cf

Plug-Flow detention time= 26.7 min calculated for 1.251 af (100% of inflow)
Center-of-Mass det. time= 26.7 min (811.8 - 785.1)

Volume	Invert	Avail.Storage	Storage Description
#1	157.50'	17,369 cf	**20.00'W x 151.00'L x 3.50'H Prismatoid Z=3.0**

Device	Routing	Invert	Outlet Devices
#1	Primary	160.00'	**10.0' long + 4.0 '/' SideZ x 11.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.53 2.59 2.70 2.68 2.67 2.68 2.66 2.64
#2	Discarded	157.50'	**20.000 in/hr Exfiltration over Surface area** Phase-In= 0.01'

Discarded OutFlow Max=3 cfs @ 12.29 hrs HW=160.28' (Free Discharge)
└**2=Exfiltration** (Exfiltration Controls 3 cfs)

Primary OutFlow Max=4 cfs @ 12.29 hrs HW=160.28' TW=0.00' (Dynamic Tailwater)
└**1=Broad-Crested Rectangular Weir** (Weir Controls 4 cfs @ 1.33 fps)

Summary for Pond PT1A: PRETREATMENT - 1A FOR NEW PARKING LOT

Inflow Area = 1.830 ac, 80.87% Impervious, Inflow Depth = 6.92" for 100-Year event
Inflow = 14 cfs @ 12.08 hrs, Volume= 1.056 af
Outflow = 13 cfs @ 12.10 hrs, Volume= 1.056 af, Atten= 2%, Lag= 1.0 min
Primary = 13 cfs @ 12.10 hrs, Volume= 1.056 af
Routed to Pond IB : INFILTRATION BASIN

Routing by Dyn-Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs / 3
Starting Elev= 160.00' Surf.Area= 2,600 sf Storage= 3,924 cf
Peak Elev= 160.46' @ 12.10 hrs Surf.Area= 3,060 sf Storage= 5,226 cf (1,302 cf above start)

Plug-Flow detention time= 76.5 min calculated for 0.966 af (91% of inflow)
Center-of-Mass det. time= 3.9 min (776.4 - 772.6)

Volume	Invert	Avail.Storage	Storage Description
#1	158.00'	5,349 cf	**Custom Stage Data (Prismatic)** Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
158.00	1,200	0	0
159.00	2,024	1,612	1,612
160.00	2,600	2,312	3,924
160.50	3,100	1,425	5,349

Device	Routing	Invert	Outlet Devices
#1	Primary	160.00'	**15.0' long + 4.0 '/' SideZ x 11.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.53 2.59 2.70 2.68 2.67 2.68 2.66 2.64

Primary OutFlow Max=13 cfs @ 12.10 hrs HW=160.46' TW=159.59' (Dynamic Tailwater)
└**1=Broad-Crested Rectangular Weir** (Weir Controls 13 cfs @ 1.74 fps)

Summary for Pond PT1B: PRETREATMENT - 1B FOR NEW DRIVE

Inflow Area = 0.280 ac, 46.43% Impervious, Inflow Depth = 5.39" for 100-Year event
Inflow = 2 cfs @ 12.09 hrs, Volume= 0.126 af
Outflow = 2 cfs @ 12.10 hrs, Volume= 0.117 af, Atten= 1%, Lag= 0.8 min
Primary = 2 cfs @ 12.10 hrs, Volume= 0.117 af
Routed to Pond IB : INFILTRATION BASIN

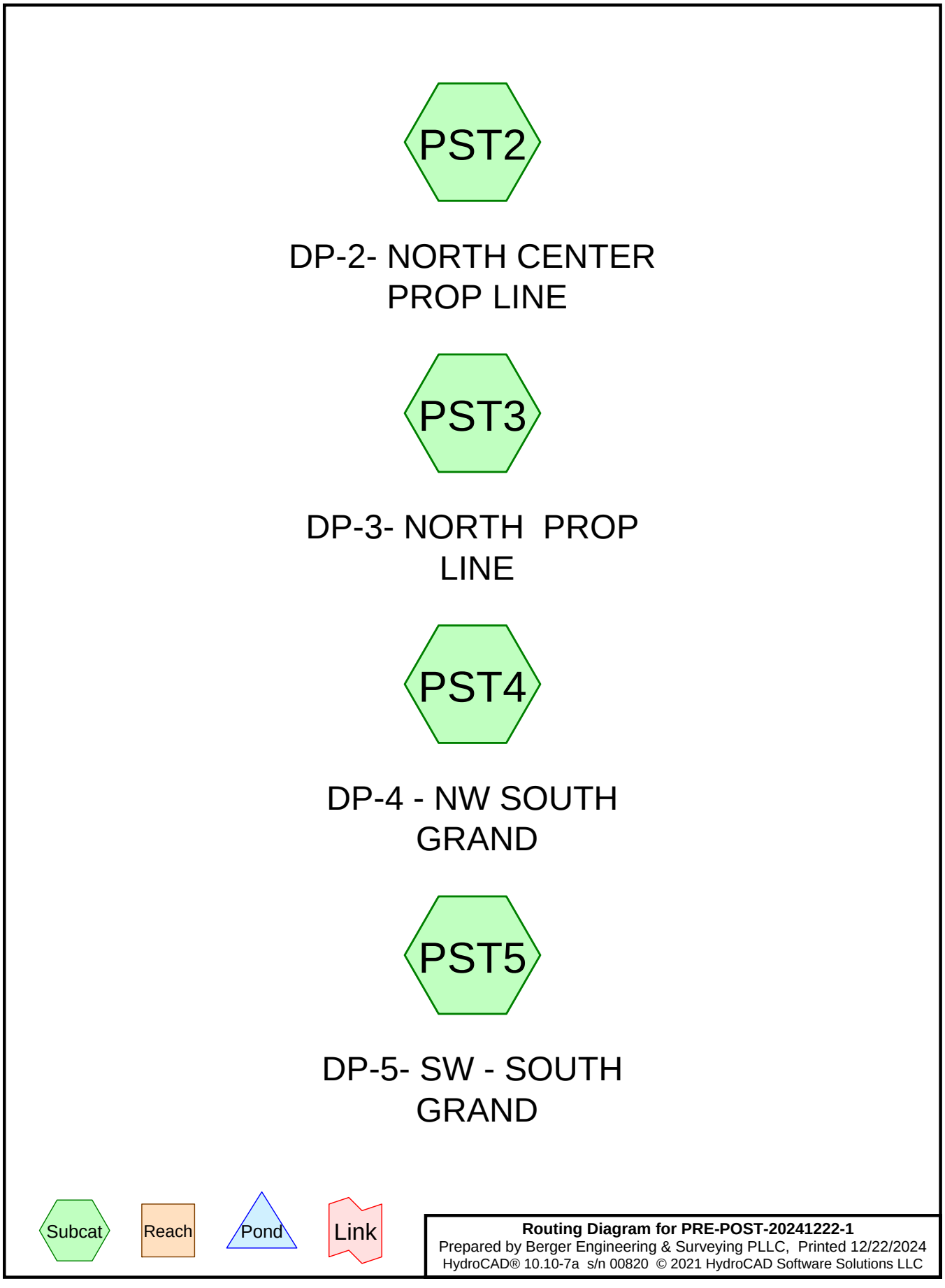
Routing by Dyn-Stor-Ind method, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs / 3
Starting Elev= 159.00' Surf.Area= 256 sf Storage= 172 cf
Peak Elev= 160.29' @ 12.29 hrs Surf.Area= 564 sf Storage= 688 cf (516 cf above start)

Plug-Flow detention time= 73.7 min calculated for 0.113 af (90% of inflow)
Center-of-Mass det. time= 20.0 min (827.5 - 807.5)

Volume	Invert	Avail.Storage	Storage Description
#1	158.00'	1,164 cf	**10.00'W x 10.00'L x 3.00'H PRE-TREATMENT Z=3.0**

Device	Routing	Invert	Outlet Devices
#1	Primary	160.00'	**5.0' long + 4.0 '/' SideZ x 9.0' breadth Broad-Crested Rectangular Weir** Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 3.50 4.00 4.50 5.00 5.50 Coef. (English) 2.46 2.55 2.70 2.69 2.68 2.68 2.67 2.64 2.64 2.64 2.65 2.64 2.65 2.65 2.66 2.67 2.69

Primary OutFlow Max=2 cfs @ 12.10 hrs HW=160.24' TW=159.57' (Dynamic Tailwater)
└**1=Broad-Crested Rectangular Weir** (Weir Controls 2 cfs @ 1.19 fps)


PST2
DP-2- NORTH CENTER PROP LINE
PST3
DP-3- NORTH PROP LINE
PST4
DP-4 - NW SOUTH GRAND
PST5
DP-5- SW - SOUTH GRAND
Subcat
Reach
Pond
Link
Routing Diagram for PRE-POST-20241222-1
Prepared by Berger Engineering & Surveying PLLC, Printed 12/22/2024
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Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment PST2: DP-2- NORTH CENTER Runoff Area=0.160 ac 0.00% Impervious Runoff Depth=0.29"
Tc=6.0 min CN=61 Runoff=0 cfs 0.004 af

Subcatchment PST3: DP-3- NORTH PROP Runoff Area=0.340 ac 0.00% Impervious Runoff Depth=0.29"
Tc=6.0 min CN=61 Runoff=0 cfs 0.008 af

Subcatchment PST4: DP-4 - NW SOUTH Runoff Area=1.540 ac 68.18% Impervious Runoff Depth=1.49"
Tc=6.0 min CN=86 Runoff=3 cfs 0.192 af

Subcatchment PST5: DP-5- SW - SOUTH Runoff Area=1.700 ac 56.47% Impervious Runoff Depth=1.22"
Flow Length=450' Slope=0.0200 '/' Tc=10.1 min CN=82 Runoff=2 cfs 0.173 af

Summary for Subcatchment PST2: DP-2- NORTH CENTER PROP LINE

Runoff = 0 cfs @ 12.15 hrs, Volume= 0.004 af, Depth= 0.29"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
0.160	61	>75% Grass cover, Good, HSG B
0.000	98	Paved parking, HSG B
0.160	61	Weighted Average
0.160		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PST3: DP-3- NORTH PROP LINE

Runoff = 0 cfs @ 12.15 hrs, Volume= 0.008 af, Depth= 0.29"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
0.340	61	>75% Grass cover, Good, HSG B
0.000	98	Paved parking, HSG B
0.340	61	Weighted Average
0.340		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PST4: DP-4 - NW SOUTH GRAND

Runoff = 3 cfs @ 12.09 hrs, Volume= 0.192 af, Depth= 1.49"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
0.490	61	>75% Grass cover, Good, HSG B
1.050	98	Paved parking, HSG B
1.540	86	Weighted Average
0.490		31.82% Pervious Area
1.050		68.18% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PST5: DP-5- SW - SOUTH GRAND

Runoff = 2 cfs @ 12.15 hrs, Volume= 0.173 af, Depth= 1.22"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 1-Year Rainfall=2.80"

Area (ac)	CN	Description
0.740	61	>75% Grass cover, Good, HSG B
0.960	98	Paved parking, HSG B
1.700	82	Weighted Average
0.740		43.53% Pervious Area
0.960		56.47% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
7.8	50	0.0200	0.11		**Sheet Flow,** Grass: Dense n= 0.240 P2= 3.50"
2.3	400	0.0200	2.87		**Shallow Concentrated Flow,** Paved Kv= 20.3 fps
10.1	450	Total			

Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment PST2: DP-2- NORTH CENTER Runoff Area=0.160 ac 0.00% Impervious Runoff Depth=1.37"
Tc=6.0 min CN=61 Runoff=0 cfs 0.018 af

Subcatchment PST3: DP-3- NORTH PROP Runoff Area=0.340 ac 0.00% Impervious Runoff Depth=1.37"
Tc=6.0 min CN=61 Runoff=0 cfs 0.039 af

Subcatchment PST4: DP-4 - NW SOUTH Runoff Area=1.540 ac 68.18% Impervious Runoff Depth=3.47"
Tc=6.0 min CN=86 Runoff=6 cfs 0.445 af

Subcatchment PST5: DP-5- SW - SOUTH Runoff Area=1.700 ac 56.47% Impervious Runoff Depth=3.08"
Flow Length=450' Slope=0.0200 '/' Tc=10.1 min CN=82 Runoff=5 cfs 0.436 af

Summary for Subcatchment PST2: DP-2- NORTH CENTER PROP LINE

Runoff = 0 cfs @ 12.10 hrs, Volume= 0.018 af, Depth= 1.37"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
0.160	61	>75% Grass cover, Good, HSG B
0.000	98	Paved parking, HSG B
0.160	61	Weighted Average
0.160		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PST3: DP-3- NORTH PROP LINE

Runoff = 0 cfs @ 12.10 hrs, Volume= 0.039 af, Depth= 1.37"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
0.340	61	>75% Grass cover, Good, HSG B
0.000	98	Paved parking, HSG B
0.340	61	Weighted Average
0.340		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PST4: DP-4 - NW SOUTH GRAND

Runoff = 6 cfs @ 12.09 hrs, Volume= 0.445 af, Depth= 3.47"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
0.490	61	>75% Grass cover, Good, HSG B
1.050	98	Paved parking, HSG B
1.540	86	Weighted Average
0.490		31.82% Pervious Area
1.050		68.18% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PST5: DP-5- SW - SOUTH GRAND

Runoff = 5 cfs @ 12.14 hrs, Volume= 0.436 af, Depth= 3.08"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 10-Year Rainfall=5.00"

Area (ac)	CN	Description
0.740	61	>75% Grass cover, Good, HSG B
0.960	98	Paved parking, HSG B
1.700	82	Weighted Average
0.740		43.53% Pervious Area
0.960		56.47% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
7.8	50	0.0200	0.11		**Sheet Flow,** Grass: Dense n= 0.240 P2= 3.50"
2.3	400	0.0200	2.87		**Shallow Concentrated Flow,** Paved Kv= 20.3 fps
10.1	450	Total			

Time span=0.00-48.00 hrs, dt=0.01 hrs, 4801 points x 3
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Dyn-Stor-Ind method - Pond routing by Dyn-Stor-Ind method

Subcatchment PST2: DP-2- NORTH CENTER Runoff Area=0.160 ac 0.00% Impervious Runoff Depth=3.44"
Tc=6.0 min CN=61 Runoff=1 cfs 0.046 af

Subcatchment PST3: DP-3- NORTH PROP Runoff Area=0.340 ac 0.00% Impervious Runoff Depth=3.44"
Tc=6.0 min CN=61 Runoff=1 cfs 0.098 af

Subcatchment PST4: DP-4 - NW SOUTH Runoff Area=1.540 ac 68.18% Impervious Runoff Depth=6.33"
Tc=6.0 min CN=86 Runoff=11 cfs 0.813 af

Subcatchment PST5: DP-5- SW - SOUTH Runoff Area=1.700 ac 56.47% Impervious Runoff Depth=5.86"
Flow Length=450' Slope=0.0200 '/' Tc=10.1 min CN=82 Runoff=10 cfs 0.830 af

Summary for Subcatchment PST2: DP-2- NORTH CENTER PROP LINE

Runoff = 1 cfs @ 12.09 hrs, Volume= 0.046 af, Depth= 3.44"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
0.160	61	>75% Grass cover, Good, HSG B
0.000	98	Paved parking, HSG B
0.160	61	Weighted Average
0.160		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PST3: DP-3- NORTH PROP LINE

Runoff = 1 cfs @ 12.09 hrs, Volume= 0.098 af, Depth= 3.44"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
0.340	61	>75% Grass cover, Good, HSG B
0.000	98	Paved parking, HSG B
0.340	61	Weighted Average
0.340		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PST4: DP-4 - NW SOUTH GRAND

Runoff = 11 cfs @ 12.08 hrs, Volume= 0.813 af, Depth= 6.33"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
0.490	61	>75% Grass cover, Good, HSG B
1.050	98	Paved parking, HSG B
1.540	86	Weighted Average
0.490		31.82% Pervious Area
1.050		68.18% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
6.0					**Direct Entry,**

Summary for Subcatchment PST5: DP-5- SW - SOUTH GRAND

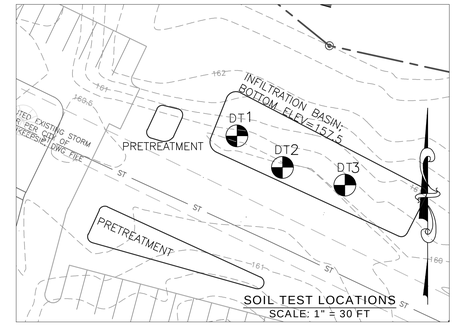
Runoff = 10 cfs @ 12.14 hrs, Volume= 0.830 af, Depth= 5.86"

Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 0.00-48.00 hrs, dt= 0.01 hrs
Type III 24-hr 100-Year Rainfall=8.00"

Area (ac)	CN	Description
0.740	61	>75% Grass cover, Good, HSG B
0.960	98	Paved parking, HSG B
1.700	82	Weighted Average
0.740		43.53% Pervious Area
0.960		56.47% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
7.8	50	0.0200	0.11		**Sheet Flow,** Grass: Dense n= 0.240 P2= 3.50"
2.3	400	0.0200	2.87		**Shallow Concentrated Flow,** Paved Kv= 20.3 fps
10.1	450	Total			





SOIL TESTING RESULTS:

DEEP TEST #	1	2	3
	TO 4' CL* 4'–5' GL**	TO 3' CL* 4'–8.5'GL**	TO 3' SL*** 4'–5' GL**
TOTAL DEPTH, FT	5	8.5	7.2
GROUND WATER, FT	NE‡	NE‡	7.3
ROCK, FT	5	NE‡	NE‡
INFILTRATION RATE, IN/HR	167	164	

PRESOAKED 12/03/2024; TEST RUN 12/04/2024

* CL = CLAY LOAM
** GL = GRAVEL LOAM
*** SL = SANDY LOAM
‡ NE = NONE ENCOUNTERED

LEGEND

- EXISTING PROPERTY LINE
- EXISTING BUILDING
- EXISTING CONTOUR
- ST — EXISTING STORM PIPE
- EXISTING CATCH BASIN
- GAS — EXISTING GAS SERVICE PER MARKOUT
- SS — EXISTING SANITARY SEWER
- PROPOSED BUILDING
- PROPOSED CONTOUR
- 164+4 PROPOSED SPOT ELEVATION
- PROPOSED STORM PIPE
- TR PROPOSED CATCH BASIN WITH TOP OF RIM
- PROPOSED RIPRAP

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

BERGER ENGINEERING AND SURVEYING
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(845) 471 - 7383
bergerengr@gmail.com
PE REGISTRATION 069634 CERT 0405443 EXPIRE ON 04-30-25
LS REGISTRATION 049745 CERT 2681145 EXPIRE ON 04-30-27
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Date	Revision
December 23, 2024	Stormwater Design.
August 24, 2023	Stormwater Design.
March 1, 2023	Misc Revision per Owner
February 28, 2023	Misc Revision per Owner
February 11, 2023	Misc Revision per Owner

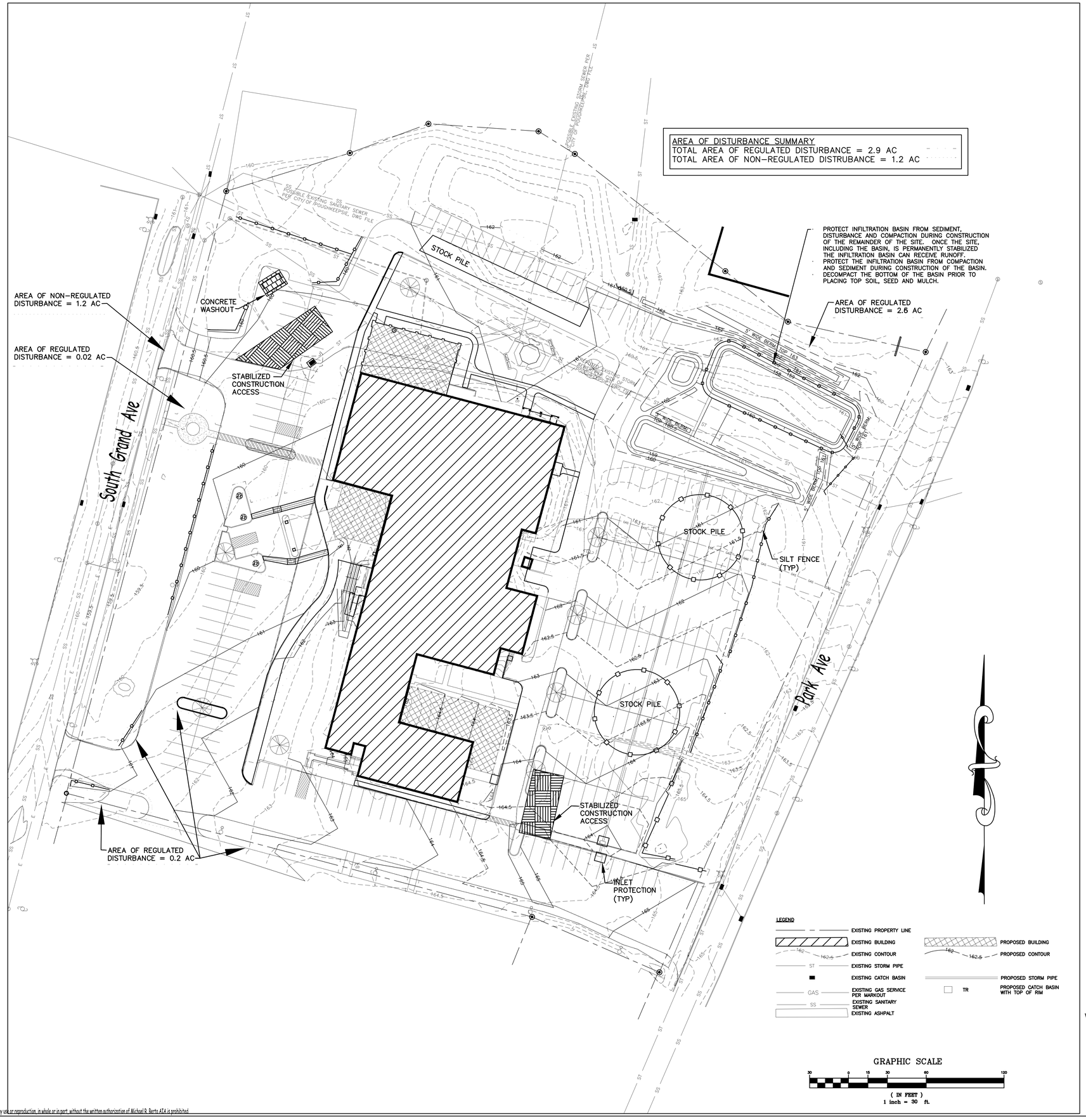
PROPOSED STORMWATER PLAN

Proposed Addition / Alteration For
Faith Apostolic Ministries Inc
110 South Grand Ave
Poughkeepsie, New York

Date	February 6, 2023
Job No	2023-001
Scale	1" = 30'
Drawing	C-1
Of	-

These plans are not valid for a building permit unless a raised seal appears on this page

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Date	Revision
December 23, 2024	Stormwater Design
August 24, 2023	Stormwater Design
March 1, 2023	Misc Revision per Owner
February 28, 2023	Misc Revision per Owner
February 11, 2023	Misc Revision per Owner

PROPOSED EROSION AND SEDIMENT CONTROL PLAN

Proposed Addition / Alteration For:
Faith Apostolic Ministries Inc
100 South Grand Ave
Poughkeepsie, New York

Date February 6, 2023
Job No 2023-001
Scale 1" = 30'
Drawing C-2
Of -

BERGER ENGINEERING AND SURVEYING
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SEQUENCE OF EROSION AND SEDIMENT CONTROL FOR THIS PROJECT WILL BE INSTALLED AS FOLLOWS:

BEFORE CONSTRUCTION

1. THE SITE OWNER OR OPERATOR SHALL HIRE A PROFESSIONAL ENGINEER OR CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL TO PERFORM ALL INSPECTIONS DURING CONSTRUCTION AS REQUIRED BY NYSDEC SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES "GP 0-20-001". ANY CHANGES IN DESIGN DURING CONSTRUCTION MUST BE DONE BY A PROFESSIONAL ENGINEER.
2. CONDUCT A PRE-CONSTRUCTION MEETING WITH CLIENT, CONTRACTOR AND SITE CIVIL ENGINEER OR QUALIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL AND MUNICIPALITY TO REVIEW THE SITE AND THE EROSION CONTROL PLAN AS WELL AS SEQUENCE OF WORK AS IT PERTAINS TO APPLICABLE EROSION CONTROL MEASURES.
3. ALL CONTRACTORS AND SUBCONTRACTORS MUST SIGN THE CONTRACTOR CERTIFICATION FORM PRIOR TO THE START OF CONSTRUCTION.
4. CONTACT SITE CIVIL ENGINEER OR CPESC FOR INSPECTION OF EROSION CONTROL MEASURES BEFORE STARTING ANY CLEARING AND OR SITE CONSTRUCTION.
5. ESTABLISH LIMITS OF DISTURBANCE FOR PROPOSED CLEARING AND GRADING. INSTALL ORANGE CONSTRUCTION FENCE AS APPLICABLE.

THE CONSTRUCTION SHALL FOLLOW THE SEQUENCE OF WORK AS OUTLINED BELOW:

CONTRACTOR SHALL PERFORM DAILY INSPECTION AND REPAIR OF EROSION AND SEDIMENT CONTROL PRACTICES. WEEKLY INSPECTION OF SITE BY A CERTIFIED PROFESSIONAL WITH ALL RECOMMENDATIONS IMPLEMENTED IMMEDIATELY.

1. INSTALL CONSTRUCTION ENTRANCE AS FIRST ITEM OF WORK TO PREVENT DUST AND DEBRIS FROM BEING TRACKED ONTO THE SURROUNDING ROADS AND DRIVES.
2. INSTALLATION OF SILT FENCE AS SHOWN OR NEEDED TO CAPTURE SEDIMENT FROM PROPOSED CONSTRUCTION. SILT FENCE SHALL BE INSTALLED PER THE ACCEPTED EROSION AND SEDIMENT CONTROL PLAN AS WELL AS IN LOCATIONS DEEMED NECESSARY DURING CONSTRUCTION INSPECTIONS OF THE SITE. SILT FENCE SHALL BE INSTALLED ALONG THE CONTOURS.
3. PROTECT PROPOSED INFILTRATION AREA FROM CONSTRUCTION ACTIVITIES AS MUCH AS POSSIBLE TO REDUCE THE AMOUNT OF SOIL RESTORATION REQUIRED.
4. PERFORM GRADING, EXCAVATION AND RELATED CONSTRUCTION ACTIVITIES. TOPSOIL SHALL BE REMOVED FROM CUT AREAS AND STORED AT APPLICABLE LOCATIONS SO AS NOT TO INTERFERE WITH THE CONSTRUCTION OPERATIONS. POSSIBLE LOCATIONS FOR TOPSOIL STOCKPILES ARE SHOWN ON THE EROSION CONTROL PLAN.
5. MINIMIZE SOIL COMPACTION IN AREAS TO BE FINISHED WITH NON-IMPERVIOUS COVER. EXCESS COMPACTION WILL REQUIRE DECOMPACTION BEFORE FINAL COVER. DECOMPACTION REQUIRED AS NECESSARY AND AS ORDERED BY SITE ENGINEER.
6. ONCE AN AREA IS CUT OR FILLED, IT SHALL BE STABILIZED BY SEEDING AND MULCHING.
7. INSTALL WATER, SANITARY, ELECTRIC, PHONE, CABLE, OTHER UTILITIES AND BUILDING IN COORDINATION WITH OTHER SITE WORK.
8. INFILTRATION SHALL NOT BE CONSTRUCTED UNTIL THE REMAINDER OF THE EARTH DISTURBANCE IN UPSTREAM AREAS IS COMPLETE AND PERMANENTLY STABILIZED TO KEEP SEDIMENT FROM ENTERING BASIN. OR INFILTRATION BASIN IS TO BE FULLY PROTECTED FROM INTRUSION.
9. AS CONSTRUCTION PROCEEDS, ALL DISTURBED AREAS SHALL BE PAVED, SEEDED, OR PLANTED AS SPECIFIED ON THE PLANS IN A TIMELY MANNER TO PREVENT UNNECESSARY EROSION.
10. RESTORE SOIL IN DISTURBED AREAS WHERE PERVIOUS FINISH COVER IS PROPOSED; ESPECIALLY INFILTRATION AREA. INTENSIVE RESTORATION METHODS MAY BE REQUIRED IF EXCESS COMPACTION OCCURRED DURING CONSTRUCTION. COMPACTION MAY BE CAUSED BY CONSTRUCTION EQUIPMENT, STOCKPILES, STORAGE OF PALLETS, PERSONAL VEHICLES, CONSTRUCTION TRAILERS, ETC. SOIL RESTORATION WILL BE DONE TO THE SATISFACTION OF THE INSPECTING ENGINEER.
11. INSTALLATION OF INFILTRATION.

UPON COMPLETION OF CONSTRUCTION ACTIVITIES, UPON STABILIZATION OF SITE SOILS, AND UPON FINAL APPROVAL BY THE SITE INSPECTOR AND MUNICIPALITY, TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED.

EROSION CONTROL INSTALLATION AND MAINTENANCE

I. INTRODUCTION

THE PURPOSE OF THIS PLAN IS TO OUTLINE PROCEDURES FOR MAINTAINING THE EROSION CONTROL STRUCTURES CONSTRUCTED ON THE SITE. THE TYPE OF STRUCTURES FOR THIS SITE WILL BE TEMPORARY FOR USE DURING CONSTRUCTION,

II EROSION CONTROL STRUCTURES

SILT FENCE STRUCTURES WILL BE USED TO MINIMIZE SOIL EROSION DURING THE CONSTRUCTION PHASE OF THE PROJECT. IN ORDER FOR THE EROSION CONTROL STRUCTURES TO WORK PROPERLY THEY MUST BE INSTALLED PROPERLY AND MAINTAINED. INSPECTIONS SHALL BE PERFORMED PERIODICALLY AS STATED BELOW AND SHALL BE PERFORMED AFTER ANY MAJOR STORM EVENT. SILT FENCE TO BE INSTALLED PARALLEL WITH CONTOURS.

III INSTALLATION GUIDELINES

IN ORDER TO ASSURE THAT THE EROSION CONTROL STRUCTURES WILL WORK THERE MUST BE AN ASSURANCE THAT THEY ARE INSTALLED PROPERLY. IN ORDER TO ACCOMPLISH THIS ALL EROSION CONTROL MUST BE INSTALLED AS PER THE DETAILS ON THIS PLAN. THE EROSION CONTROL SHALL BE INSPECTED BY BY A PROFESSIONAL ENGINEER OR CERTIFIED PROFESSIONAL. NO WORK SHALL BE STARTED ON THE SITE UNTIL THE EROSION CONTROL IS IN PLACE AND ACCEPTED.

IV. MAINTENANCE PLAN FOR EROSION CONTROL DEVICES

1. TEMPORARY EROSION CONTROL DEVICES THESE STRUCTURES SHALL INCLUDE ALL EROSION CONTROL DEVICES THAT WILL BE INSTALLED. AND UTILIZED DURING THE CONSTRUCTION OF THE SITE. THESE SHALL INCLUDE DEVICES SUCH AS SILT FENCES, STOCK PILES, AND CHECK DAMS.
2. ALL EROSION CONTROL DEVICES SHALL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
3. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
4. SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POST, AND TO SEE THAT THE FENCE POST ARE FIRMLY IN THE GROUND.
5. TEMPORARY SEEDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
6. ALL INDIVIDUALS PERFORMING THE SITE INSPECTION SHALL BE FAMILIAR WITH THE EROSION CONTROL PLAN AND BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING CONDITION.

GENERAL NOTES FOR EROSION AND SEDIMENT CONTROL

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 SOIL DISTURBANCE, 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 SILT FENCES SHALL BE CLOSELY MONITORED AND SHALL BE REMOVED PROMPTLY WHEN MAXIMUM LEVELS ARE REACH OR WHEN ORDERED BY THE ENGINEER. ALL SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED ON A REGULAR BASIS, AND AFTER EACH HEAVY RAIN TO INSURE PROPER OPERATION AS DESIGNED.
3. THE LOCATION AND INSTALLATION TIMES OF THE SEDIMENT CAPTURING DEVICES SHALL BE ORDERED BY THE ENGINEER, AND IN ACCORDANCE WITH THE STANDARDS SET FORTH IN THIS PLAN.
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 TOP SOIL THAT IS REQUIRED FOR FINAL GRADING AND STORED ON THE SITE SHALL BE LIMED, FERTILIZED, AND TEMPORARILY SEEDED AND MULCHED WITHIN 14 DAYS.
5. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THEN 21 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL IMMEDIATELY RECEIVE TEMPORARY SEEDING. MULCH SHALL BE USED IF THE SEASON PREVENTS THE ESTABLISHMENT OF COVER. DISTURBED AREAS SHALL BE LIMED AND FERTILIZED PRIOR TO TEMPORARY SEEDING.
6. THE CONTRACTOR SHALL KEEP THE ROADWAYS WITHIN THE PROJECT AREA CLEAR OF SOIL AND DEBRIS AND IS RESPONSIBLE FOR ANY STREET CLEANING NECESSARY DURING THE COURSE OF THE PROJECT.
7. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED BY PERMANENT MEASURES.
8. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL".

POST CONSTRUCTION STORMWATER OPERATION AND MAINTENANCE

A. PRETREATMENT

STORMWATER PRETREATMENT DRY BASIN FOR REMOVING SEDIMENT PRIOR TO INFILTRATION

LANDSCAPING: GRASS, SHORT VEGETATION.

MAINTENANCE: MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER. GRASS SHOULD BE MOWED REGULARLY TO MAINTAIN 6" HEIGHT. FULL INSPECTIONS SHALL TAKE PLACE YEARLY. SLOPES, VEGETATION AND COMPONENTS SHOULD BE REPAIRED OR REPLACED WHEN NEEDED. REMOVE SEDIMENT WHEN 3" DEEP OR WHEN INTERFERING WITH DEWATERING SYSTEM. FULL INSPECTIONS INVOLVE CHECKING ALL COMPONENTS THOROUGHLY. IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED IN A TIMELY FASHION.

B. INFILTRATION BASIN (I-2)

STORMWATER SYSTEM CAPTURES AND TEMPORARILY STORES THE RUNOFF (WATER QUALITY AND RATE CONTROL VOLUME) TO ALLOW THE WATER TO INFILTRATE INTO THE NATIVE SUBSOIL BELOW THE BASIN. SPECIFIED AS A STANDARD PRACTICE IN CHAPTERS 5 AND 6 OF THE "NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL," THAT HAS RUNOFF VOLUME CAPACITY OF 100%. INFILTRATION BASINS REQUIRE A MINIMUM NATIVE SOIL INFILTRATION OF 0.5"/INCH AND MINIMUM 24" SEPARATION TO SEASONAL HIGH WATER TABLE AND/OR BEDROCK.

LANDSCAPING: GRASS, SHORT VEGETATION.

MAINTENANCE: GRASS SHOULD BE MOWED REGULARLY TO MAINTAIN 6" HEIGHT. FULL INSPECTIONS SHALL TAKE PLACE YEARLY. SLOPES, VEGETATION AND COMPONENTS SHOULD BE REPAIRED OR REPLACED WHEN NEEDED. SEDIMENT SHALL BE REMOVED BEFORE IT REACHES 1 INCH DEEP AND EACH SPRING. FULL INSPECTIONS INVOLVE CHECKING ALL COMPONENTS THOROUGHLY. IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED IN A TIMELY FASHION.

C. CATCH BASINS, STORM PIPES AND RIPRAP OUTLET PROTECTION

STORMWATER FACILITIES TO COLLECT, CARRY RUNOFF AND DISCHARGE RUNOFF IS A CONTROLLED NON-EROSIVE MANNER.

PROTECTION: THE AREAS UPSLOPE OF THE CATCH BASINS AND PIPE INLETS ARE TO BE PERMANENTLY STABILIZED WITH VEGETATION, GRAVEL, ASPHALT, CONCRETE, ETC. THE DISCHARGE FROM THE LAST PIPE IS TO BE ONTO A PERMANENTLY STABILIZED APRON/SURFACE CAPABLE OF HANDLING THE DISCHARGE VELOCITY AND FLOW FROM THE PIPE.

MAINTENANCE: MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE OWNER. FULL INSPECTIONS SHALL TAKE PLACE YEARLY. FULL INSPECTIONS INVOLVE CHECKING ALL COMPONENTS THOROUGHLY. REMOVE SEDIMENT AND DEBRIS FROM CATCH BASIN GRATE AND SUMPS, PIPES AND DISCHARGE APRONS. IF DOWNSTREAM WASHOUTS OR EROSION OCCURS, REPAIR AND EXTEND OR MODIFY STABILIZED APRON/SURFACE APPROPRIATELY. IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED IN A TIMELY FASHION

D. SOIL RESTORATION (NYSDEC SMDM 5.1.6)

SOIL RESTORATION IS REQUIRED WHERE SOILS HAVE BEEN DISTURBED AND WILL BE VEGETATED. FOR THIS PROJECT, THE MAJORITY OF THE HEAVY TRAFFIC DISTURBANCE WILL BE IN AREAS THAT WILL BE BUILDING OR PAVEMENT. MINIMAL SOIL DISTURBANCE WILL OCCUR IN PROPOSED VEGETATED AREAS. THE COMMON PRACTICE IN PREPARING AN AREA FOR LANDSCAPE IS TO LOOSEN THE SOIL AND APPLY TOPSOIL. THE NATIVE SOIL IN INFILTRATION AREAS IS REMOVED AND REPLACED WITH STONE AS ORDERED BY ENGINEER. THE NEED FOR FULL SOIL RESTORATION IS NOT WARRANTED FOR THE DISTURBED, PROPOSED VEGETATED AREAS. IF EXCESSIVE COMPACTION OCCURS DURING CONSTRUCTION, MITIGATION INCLUDING, BUT NOT LIMITED TO DEEP RIPPING AND DE-COMPACTION AS OUTLINED IN THE NYSDEC STORMWATER MANUAL, SECTION 5.1.6, MAY BE ORDERED BY THE SITE ENGINEER.

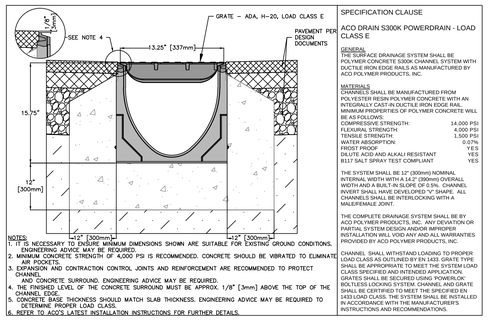
MAINTENANCE: VEGETATION TO BE CUT TWICE A YEAR. ONCE IN THE MIDDLE OF GROWING SEASON AND ONCE AFTER GROWING SEASON. ANY WOODY VEGETATION OR TREES ARE TO BE REMOVED. REMOVE ANY DEBRIS. ALL TRIMMINGS AND DEBRIS ARE TO BE REMOVED FROM THE BASIN. NO TRIMMINGS OR DEBRIS FROM THE SITE ARE AT TO BE DUMPED INTO THE BASIN.ONCE EACH YEAR INSPECT EMBANKMENT, SIDES AND OVERFLOW WEIR FOR EROSION AND RILLS. CHECK OUTLET PIPES ONCE A YEAR FOR BLOCKAGES. ALL SEDIMENT IS TO BE REMOVED PRIOR TO THE SEDIMENT DEPTH REACHING AN AVERAGE OF 6". SEDIMENT CAN BE DISPOSED OF ON SITE IF SPREAD ON ALREADY DEVELOPED OPEN SPACE. SPREAD SEDIMENT SHALL BE SEEDED AND MULCHED. NO SEDIMENT SHALL BE SPREAD ON THE SITE DURING THE NON-GROWING SEASON. SEDIMENT MAY ALSO BE DISPOSED OF OFF-SITE IN APPROPRIATE LOCATION. NO SEDIMENT SHALL BE DISPOSED OF DOWN STEEP SLOPE TO STREAM.

SEEDING AND MULCHING

ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN 21 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, SHALL IMMEDIATELY RECEIVE SEEDING AND MULCHING. DISTURBED AREAS SHALL BE LIMITED AND BE COVER WITH A LAYER OF TOPSOIL PRIOR TO SEEDING. SEEDING WILL BE INSPECTED FOR BARE SPOTS, WASH OUTS, AND HEALTHY GROWTH. IF REQUIRED ADDITIONAL SEEDING SHALL BE PERFORMED. THE SEED MIX SPECIFIED FOR THIS SITE IS FROM THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, TABLE 3.2 (SITE CHOICE 1A) WHICH IS AS FOLLOWS:

	Pure Live Seed Values	
SPECIES (% by weight)	lbs/1000SF	lbs/acre
50% perennial ryegrass	1.5 – 2.0	65 – 87
50% Kentucky bluegrass blend	1.5 – 2.0	65 – 88
	3.0 – 4.0	130 – 175

OR USE SEED MIX SPECIFIED BY SITE ARCHITECT OR LANDSCAPE ARCHITECT.



SPECIFICATION CLAUSE

ACO DRAIN S300K POWERDRAIN - LOAD CLASS E

GENERAL
THE SURFACE DRAINAGE SYSTEM SHALL BE POLYMER CONCRETE S300K CHANNEL SYSTEM WITH DUCTILE IRON EDGE RAILS AS MANUFACTURED BY ACO POLYMER PRODUCTS, INC.

MATERIALS
CHANNEL SHALL BE MANUFACTURED FROM POLYESTER RESIN POLYMER CONCRETE WITH AN INTEGRALLY CAST-IN DUCTILE IRON EDGE RAIL. MINIMUM PROPERTIES OF POLYMER CONCRETE WILL BE AS FOLLOWS:

COMPRESSIVE STRENGTH:	14,000 PSI
FLEXURAL STRENGTH:	4,000 PSI
TENSILE STRENGTH:	1,500 PSI
WATER ABSORPTION:	0.07%
FROST PROOF	YES
DILUTE ACID AND ALKALI RESISTANT	YES
8117 SALT SPRAY TEST COMPLIANT	YES

THE SYSTEM SHALL BE 12" (300mm) NOMINAL INTERNAL WIDTH WITH A 14.2" (290mm) OVERALL WIDTH AND A BUILT-IN SLOPE OF 0.5%. CHANNEL INVERT SHALL HAVE DEVELOPED "V" SHAPE. ALL CHANNELS SHALL BE INTERLOCKING WITH A MALE/FEMALE JOINT.

THE COMPLETE DRAINAGE SYSTEM SHALL BE BY ACO POLYMER PRODUCTS, INC. ANY DEVIATION OR PART OF SYSTEM DESIGN AND/OR IMPROPER INSTALLATION WILL VOID ANY AND ALL WARRANTIES PROVIDED BY ACO POLYMER PRODUCTS, INC.

CHANNEL SHALL WITHSTAND LOADING TO PROPER LOAD CLASS AS OUTLINED BY EN 1433. GRATE TYPE SHALL BE APPROPRIATE TO MEET THE SYSTEM LOAD CLASS SPECIFIED AND INTENDED APPLICATION. GRATES SHALL BE SECURED USING 'POWERLOK' BOLTLESS LOCKING SYSTEM. CHANNEL AND GRATE SHALL BE CERTIFIED TO MEET THE SPECIFIED EN 1433 LOAD CLASS. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

Infiltration Basin (I-2)

Infiltration basins are vegetated excavations designed to capture and temporarily store stormwater runoff to promote infiltration into the surrounding native soils.

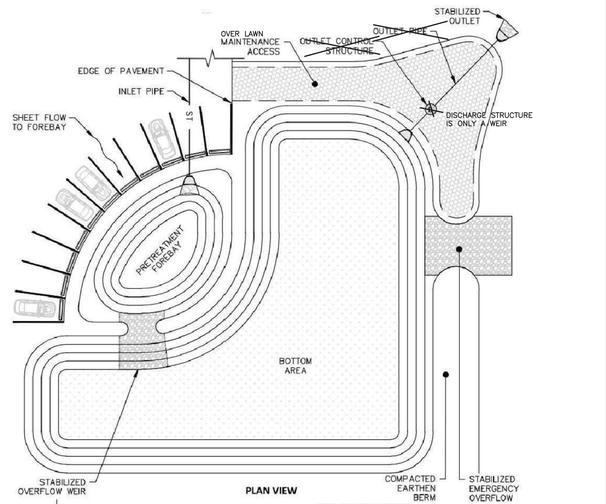
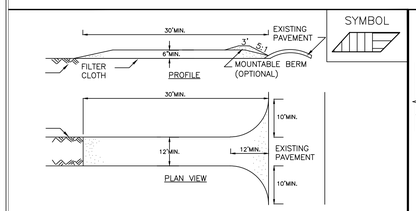


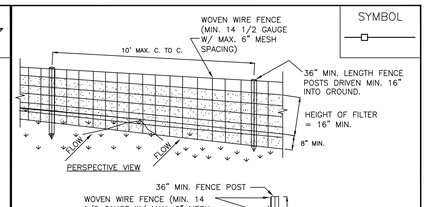
Figure 6.12 Infiltration Basin (I-2)



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE – USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH – NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS – NOT LESS THAN SIX (6) INCHES.
4. WIDTH – TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH – WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER – ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE – THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH

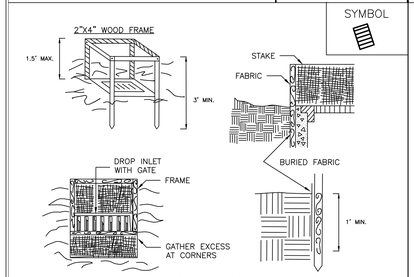
STABILIZED CONSTRUCTION ACCESS



CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE



CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF .40–85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

MAXIMUM DRAINAGE AREA 1 ACRE

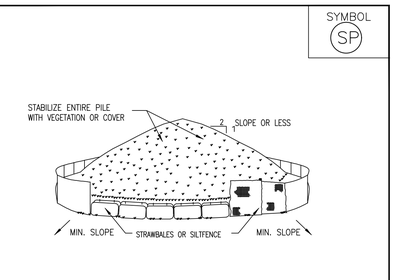
FILTER FABRIC DROP INLET PROTECTION

CONSTRUCTION SPECIFICATIONS

1. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED.
2. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".
3. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS.
4. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
5. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF FOUR INCHES PRIOR TO PLACEMENT OF TOPSOIL.
6. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
7. ALL FILL TO BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.
8. EXCEPT FOR APPROVED LANDFILLS, FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
9. FROZEN MATERIALS OR SOFT, MUCKY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED IN FILLS.
10. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
11. ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
12. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
13. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING.
14. STOCKPILES, BORROW AREAS AND SPOIL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE SUBJECT TO THE PROVISIONS OF THIS STANDARD AND SPECIFICATION.

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

LANDGRADING SPECIFICATIONS

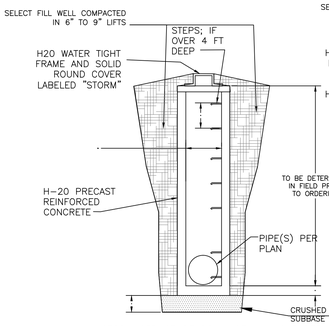


INSTALLATION NOTES

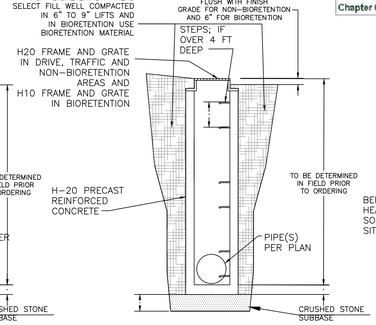
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
4. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILTFENCE.

STOCK PILE

TRENCH DRAIN
NO TO SCALE



STORM STRUCTURE DRAINAGE MANHOLE DETAIL
NOT TO SCALE


IN DRIVE, TRAFFIC AND NON-BIORETENTION AREAS SELECT FILL WELL COMPACTED IN 6" TO 9" LI

DECLARATION OF RECIPROCAL PARKING AGREEMENT

AGREEMENT (this "**Agreement**") dated as of the day of , 2024 by and between Faith Apostolic Ministries, located at 110 South Grand Avenue, Poughkeepsie, New York, 12603 and Temple Beth-El, located at 118 South Grand Avenue Poughkeepsie, New York, 12603.

WHEREAS, Faith Apostolic Ministries is the owner of certain real property located in the City of Poughkeepsie, County of Dutchess and State of New York, commonly known as 110 South Grand Avenue (Section ____, Block ___, Lot ____), and

WHEREAS, Temple Beth-El is the owner of certain real property located in the City of Poughkeepsie, County of Dutchess and State of New York, commonly known as 118 South Grand Avenue (Section ____, Block __, Lot _____), and

WHEREAS, Temple Beth-El desires to complete a parking agreement to grant Faith Apostolic Ministries permission to park up to eleven (11) vehicles within the Parking Lot located on Temple Beth-El's property.

NOW, THEREFORE, in furtherance of the forgoing and in consideration of the mutual covenants contained herein, Declarant hereby grants and declares the following:

1. Faith Apostolic Ministries shall be permitted to use up to eleven (11) parking spaces the lot of Temple Beth-El in accordance with the applicable laws, rules, regulations, determinations and ordinances of the City of Poughkeepsie, County of Dutchess and/or any other federal, state, county or local governmental authority having jurisdiction over the Parking Lot and/or the use thereof.

2. Faith Apostolic Ministries agrees to comply with any rules, regulations or requirements set forth by Temple Beth-El and agrees that to notify Temple Beth-El any time it expects the parking spaces to be used outside of the hours of 9 a.m. to 3 p.m. on Sunday.

3. Temple Beth-El agrees that as the owner of the parking lot it will manage and maintain it as Temple Beth El deems appropriate.

4. This Agreement constitutes the entire agreement with respect to the subject matter hereof. No amendment or modification of this Agreement shall be binding unless in writing and signed by the owners of 110 Grand Street and 118 South Grand Street or their respective successors, heirs and assigns.

5. This Agreement shall remain in effect in perpetuity until terminated by one or both

1/6/25 JT 1 & 2

parties hereto either with or without cause.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date and year first above written.

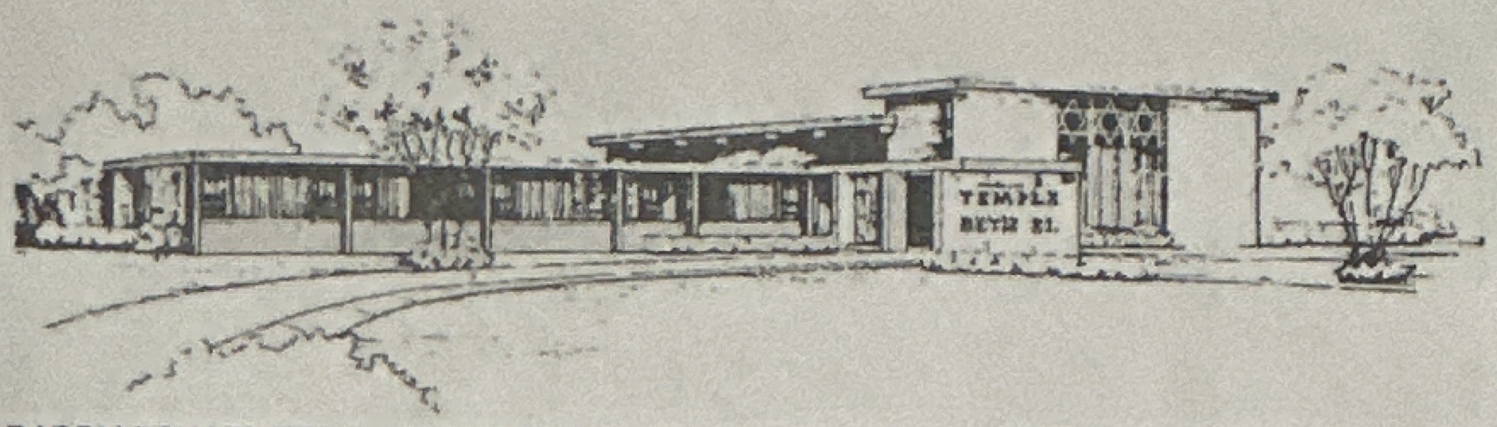
Faith Apostolic Ministries

By:_____
Name:
Title:

Temple Beth-El

By:_____
Name: John T. Weisman
Title: President 1/6/25

1/6/25
282



RABBI MICHAEL FESSLER, RABBI
RABBI MIRIAM HYMAN, ROSH TEFILLAH & EDUCATION DIRECTOR

Temple Beth-El

118 SOUTH GRAND AVENUE
POUGHKEEPSIE, NY 12603
Phone 845•454•0570 Fax 845•454•7257
www.tbeny.org

DONNA GORDON, MERRI SEDGEWICK,
JOHN WEISMAN CO-PRESIDENTS
JOËL LOGAN, OFFICE MANAGER

7/23/2024

Pastor Kemoah Wray
Faith Apostolic Ministries
110 South Grand Ave
Poughkeepsie, NY 12603

Dear Pastor Wray,

I met with our Executive Committee last night and they agreed to the following: your ministry can utilize the parking lot of Temple Beth-El as overflow parking for up to 11 spaces. These spaces are to be utilized once your primary parking is full. It is our understanding that the most frequent use of these spaces would be on Sunday from 9AM to 3PM.

We will keep each other apprised of any special events that occur that might require either of us to use each other's parking.

Sincerely,

John Weisman

John Weisman, President

Dutchess County Department of Planning and Development

Fax Info Only		
To	Date	#pgs
Co./Dept.	From	
Fax #	Phone #	

239 Planning/Zoning Referral - Exemption Communities

Please Fill in this section

Municipality: **City of Poughkeepsie**

Referring Agency: **Planning Board**

Tax Parcel Numbers(s): **6205560000**

Project Name: **Faith Apostolic Ministries Expansion**

Applicant: **Faith Apostolic Ministries/Michael Berta, AIA**

Address of Property: **110 Grand Ave, Poughkeepsie, NY 12603**

**Exempt Actions:*
239 Review is NOT Required**

- Administrative Amendments (fees, procedures, penalties, etc.)
- Special Permits for residential uses (accessory apts, home occupations, etc.)
- Use Variances for residential uses
- Area Variances for residential uses
- Renewals/Extension of Site Plans or Special Permits that have no changes from previous approvals

No Authority to review these Actions

- Subdivisions / Lot Line Adjustments
- Interpretations

☐ Exempt Action submitted for informal review

Actions Requiring 239 Review

- ☐ Comprehensive/Master Plans
- ☐ Zoning Amendments (standards, uses, definitions, district regulations, etc.)
- ☐ Other Local Laws associated with zoning (wetlands, historic preservation, affordable housing, architectural review, etc.)
- ☐ Rezonings involving all map changes
- ☐ Architectural Review
- ☑ Site Plans (all)
- ☐ Special Permits for all non-residential uses
- ☐ Use Variances for all non-residential uses
- ☐ Area Variances for all non-residential uses
- ☐ Other (Describe):

Parcels within 500 feet of:

- ☐ State Road:
- ☐ County Road:
- ☐ State Property (with recreation area or public building)
- ☐ County Property (with recreation area or public building)
- ☑ Municipal Boundary
- ☐ Farm operation in an Agricultural District

Date Response Requested: **3/25/2024**

Entered By: **Knauss, Judith**

These actions are only exempt in municipalities that signed an intermunicipal agreemment with Dutchess County to that effect.

For County Office Use Only

Response From Dutchess County Department of Planning and Development

No Comments:

- ☐ Matter of Local Concern
- ☐ No Jurisdiction
- ☐ No Authority
- ☐ Withdrawn
- ☐ Incomplete - municipality must resubmit to County
- ☐ Exempt from 239 Review
- ☐ None

Comments Attached:

- ☑ Local Concern with Comments
- ☐ Conditional
- ☐ Denial
- ☐ Incomplete with Comments- municipality must resubmit to County
- ☐ Informal Comments Only (Action Exempt from 239 Review)

Date Submitted: **3/18/2024**	Notes:	☐ Major Project
Date Received: **3/18/2024**		Referral #: **ZR24-088**
Date Requested: **3/25/2024**		
Date Required: **4/17/2024**	☐ Also mailed hard copy	Reviewer:
Date Transmitted: **4/5/2024**		

SUE SERINO
COUNTY EXECUTIVE

EOIN WRAFTER, AICP
COMMISSIONER

DUTCHESS COUNTY GOVERNMENT
DEPARTMENT OF PLANNING & DEVELOPMENT

April 5, 2024

To: Planning Board, City of Poughkeepsie
Re: ZR24-088, Faith Apostolic Ministries
Lot: 620556, 110 Grand Avenue

The Dutchess County Department of Planning and Development has reviewed the subject referral within the framework of General Municipal Law (Article 12B, §239-l/m).

ACTION
The applicant is seeking site plan approval for an expansion of the existing church and associated parking/landscaping.

COMMENTS

- Our understanding is that the ZBA conditioned their approval of variances for this project on the Park Avenue access only being used for emergencies. There is no indication of that restriction on the submitted plans, nor any description of how access to that entrance will be controlled. The Board could discuss enforcement of that condition.

- We suggest that the width of all three entrances be reduced. The two Grand Ave entrances are roughly 35 and 30 feet wide, while the Park Ave entrance is about 60 feet wide. Narrowing the entrances will encourage slower vehicle speeds and reduce the crossing width for people walking. At the Park Ave entrance, narrowing the width could have the added benefit of providing a screened buffer for the parking spaces proposed along the driveway.

- The Board may also wish to consider a landscape island at the southern edge of the west side parking spaces, to provide definition and a buffer between parking and driving lanes and further slow traffic on the site.

RECOMMENDATION
The Department recommends that the Board rely upon its own study of the facts in the case with due consideration of the above comments.

Eoin Wrafter, AICP
Commissioner
By

Dylan Tuttle, Senior Planner

THE CITY OF POUGHKEEPSIE

DEPARTMENT OF PUBLIC WORKS & ENGINEERING

SITE PLAN REVIEW

Form #1

1. Date: April 17, 2024
2. Name of Site Plan: Proposed Compliance Plan
3. Address or Location: 110 South Grand Avenue
4. Owner: Faith Apostolic Ministries
5. Engineer/ Architect: Michael Berta / Joe Berger
6. Yes ☐ No ☐ The site plan as forwarded by the Planning Department is acceptable and will be signed off on with no condition(s).
7. Yes ☐ No ☐ The site plan as forwarded by the Planning Department is acceptable and has been signed off on with no condition(s).
8. Yes ☒ No ☐ The applicant should be notified that the Dept. of Public Works/Engineering requires the following comment(s) be addressed:

ENGINEERING SITE PLAN REVIEW COMMENTS:

1. Provide and show on site plan iron rebar monumentation for property and easement corners along the right of way.
2. Show all existing and proposed utility services on site plan. Provide certification that existing water and sanitary sewer services are sufficient for development.
3. Provide details for proposed service connections if necessary. Details are available from the Engineering Department in pdf and AutoCAD format. Water valves are required at the main and property / curb line. All utility connections through the street must be delineated, hatched and edges shown as sawcut. Show traffic control plan for all connections.
4. Provide engineer's estimate for site work.
5. Show City 78" and NYSDOT 66" storm sewers on site plan at easement north of the building.
6. Provide a copy of the storm and sanitary sewer easement at north side of site. The easement was referenced in the pre-development drainage plan.
7. Show sanitary and water mains at Grand Avenue on site plan. Indicate diameters of mains on site plan.
8. A seating area north of the building is proposed in the storm water easement. Relocate outside of easement area.
9. Include note on site plan regarding attached sanitary sewer maintenance agreement. Indicate the referenced manholes and connecting pipes are to be maintained by the applicant.

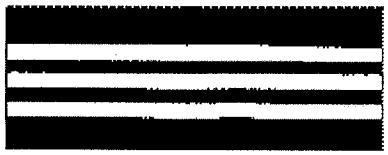
SWPPP SITE PLAN REVIEW COMMENTS:

1. Provide a copy of the completed NOI. We acknowledge questions 28-37 were included in appendices.
2. Identify sources of potential sources of contaminants in runoff.

3. Indicate party(ies) responsible for installing, constructing, repairing, replacing, inspecting and maintaining the E&SCs.
4. Identify location and sizing of any temporary sediment basins or structural practices planned to divert flows from soils, if applicable.
5. Provide soil testing results and locations of test pits and borings.
6. Provide infiltration test results. Certify proposed practices are adequate for onsite soil conditions.
7. Provide an O&M plan, including inspection and maintenance schedules. Identify the responsible entity.
8. Include contractor certification statements.
9. Provide documentation from NYS Historic Preservation Office that the project has no effect on property that is listed or eligible for listing on the State or National Register of Historic Places
10. Provide construction phasing plan & sequence of operations; Duration of Construction (from – to)
11. Include owner/operator inspection requirements.
12. Provide and enter into an agreement acceptable to City Corporation Counsel or provide deed restriction for O&M of stormwater management practices.
13. Append NOI acknowledgement letter and MS4 SWPPP acceptance form to SWPPP when received.
14. Verify proposed Cultech units are H20 traffic rated.

Joseph A. Chenier, CPESC/CPMSM
Assistant Civil Engineer

Note: If #6 or #7 above are checked "yes" there is no need to go on to Form #2.



Dutchess County Clerk Recording Page

Record & Return To:

CITY OF POUGHKEEPSIE
OFFICE OF CORPORATION COUNSEL
62 CIVIC CENTER PLAZA, 3RD FL
POUGHKEEPSIE, NY 12601

Date Recorded: 1/5/2024
Time Recorded: 3:45 PM

Document #: 02 2024 55

Received From: CITY OF POUGHKEEPSIE

Grantor: FAITH APOSTOLIC MINISTRIES INC
Grantee: POUGHKEEPSIE CITY

Recorded In: Deed
Instrument Type: EASE

Tax District: City of Poughkeepsie

Examined and Charged As Follows :

Recording Charge:	$60.00
Transfer Tax Amount:	$0.00
Includes Mansion Tax:	$0.00
Transfer Tax Number:	3113

Red Hook Transfer Tax:

RP5217: N
TP-584: Y

Number of Pages: 3

*** **Do Not Detach This Page**
*** **This is Not A Bill**

County Clerk By: ste
Receipt #: 678
Batch Record: 4

Bradford Kendall
County Clerk

02202455

P2 55 -
C/P 5. -
60 -

MAINTENANCE EASEMENT FOR PRIVATELY OWNED MANHOLES

THIS EASEMENT, made this 13th day of MARCH, 2023, by **FAITH APOSTOLIC MINISTRIES INC.,** having its principal office at 110 South Grand Avenue, Poughkeepsie, New York 12601 (hereinafter referred to as the "GRANTOR") the **CITY OF POUGHKEEPSIE**, a municipal corporation organized pursuant to the laws of the State of New York, having its principal office at Municipal Building, 62 Civic Center Plaza, Poughkeepsie, New York 12601 (hereinafter referred to as the GRANTEE").

WITNESSETH:

WHEREAS, Grantor is the owner of certain property located in the City of Poughkeepsie, County of Dutchess and State of New York known as 110 South Grand Avenue, identified as tax grid number 131300-6161-49-620556 (the "Property"); and

WHEREAS, Grantor has received approval from the City for site plan approval dated JANUARY 18, 2023, and a condition of that approval is the satisfaction of comments from the City of Poughkeepsie Engineering Department; and

WHEREAS, pursuant to the recommendation of the City of Poughkeepsie Engineering Department, Grantor shall be responsible for the inspection and maintenance of the privately owned manholes located on the Property.

NOW THEREFORE, for valuable consideration received, the Grantor hereby agrees as follows:

1. Grantor does hereby grant unto Grantee, its successors and assigns forever, a perpetual easement and right-of-way (but Grantee shall have no obligation), to enter upon the Property in order to access manholes "2202", "2203", "2204" and "2190" at reasonable times and in reasonable manner for periodic inspection by Grantee to ensure that the Manholes are maintained in proper working condition. The Grantee is authorized, but not required, to undertake such steps as are reasonably necessary for the preservation, continuation or maintenance of the manholes at the Property in the event the Grantor or current owner has failed to maintain the Manholes, or has failed to undertake corrective action specified by the Grantee's Department of Engineering. The expense of such corrective action shall be assessed against the Property pursuant to the procedures set forth in an Agreement between the parties, executed contemporaneously herewith, titled "Agreement to Inspect and Maintain Privately Owned Manholes."

2. Grantor hereby covenants that the Grantor is seized of the Premises in fee simple and has good right to convey this Easement; shall do nothing in the Premises which would prevent, impede or disturb the full use and intended purpose of this Easement by the Grantee; and shall execute and deliver any further documents reasonably necessary to assure the Easement granted herein to the Grantee.

3. This Easement shall be recorded, shall be deemed a covenant running with the lands affected hereby, and shall inure to the benefit of and be binding upon the Grantor, all subsequent owners, and their successors and assigns.

IN WITNESS WHEREOF, the Grantor has executed this Easement as of the dated first herein above set forth.

FAITH APOSTOLIC MINISTRIES INC.

By: _____
Name: TANISHA CLARK
Title: Secretary

STATE OF NEW YORK)
COUNTY OF DUTCHESS)

On the 14th day of DECEMBER, in the year 2023, before me, the undersigned, personally appeared TANISHA CLARK, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or person upon behalf of which individual acted, executed the instrument.

_____
NOTARY PUBLIC

NANCY L.B. GRIFFIN
NOTARY PUBLIC, State of New York
Reg. No. 4855909
Qualified in Ulster County
Commission Expires March 31, 2026

Record & Return to:
CITY OF POUGHKEEPSIE
Office of Corporation Counsel
62 Civic Center Plaza, 3rd Floor
Poughkeepsie, NY 12601

Lori Garcia

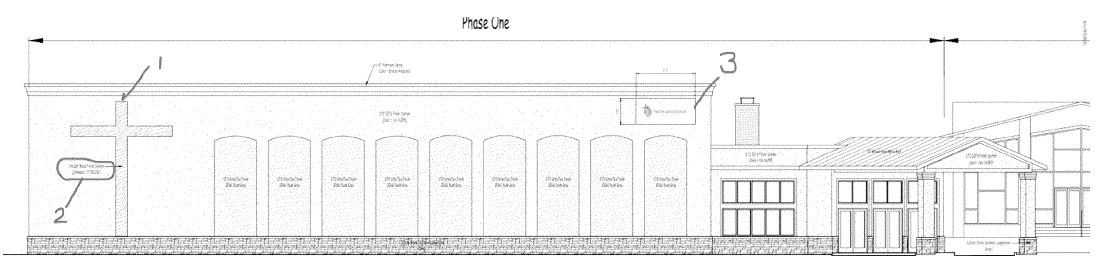
From: Christopher Kroner <ckroner@mass-group.org>
Sent: Thursday, April 10, 2025 11:14 PM
To:
Cc:
Subject: Architectural Review (Con't): 110 South Grand

CAUTION: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear City of Poughkeepsie Planning Board Members,
Following the architectural workshop held on January 28, 2025, several suggestions were made to refine the Grand Street façade to 110 South Grand Avenue. These revisions aim primarily to update the community center's identity to reflect the presence of a Christian congregation within the space.

One key topic that has emerged throughout the design process is the integration of a cross. Most recently, MASS proposed that the cross become a singular focal element, positioned closer in plan to the proposed pulpit. Additionally, we suggested transforming the decorative arcade into a design feature that relates more directly to the seating area of the congregation.

MASS received updated drawings on April 10, and below are our primary follow-up questions, which may also be of interest to the planning board. Notes on the Grand Street elevation are included with this correspondence to highlight key locations.



New Cross Design

1. The gap at the top of the cross is visually unclear and may unintentionally encourage bird nesting or moisture retention. Could the cross be scaled up to meet the cornice line to address this?
2. The change in EIFS color surrounding the cross raises concerns about durability and sustainability. Would it be possible to consider alternative materials, such as Accoya wood—a sustainable, rot-resistant, resilient, and cost-effective option for exterior cladding?

Signage

The "Faith Apostolic" sign appears somewhat small in scale.

1. Could more information be provided regarding the intended materials and installation method, especially given its placement within an EIFS surface?
2. Please confirm whether signage will be submitted under a separate application, or should be fully considered at this time?

Thank you to the design team for your continued work and thoughtful evolution of this project.
Sincerely,
Chris

Christopher Kroner
Principal
Direct: 845.243.3755
Office: 845.473.4003
Mobile: 540.270.4866

MASS | 2022 AIA Architecture Award

MASS | 2024 AIA COTE Top Ten Award

Links contained in this email have been replaced. If you click on a link in the email above, the link will be analyzed for known threats. If a known threat is found, you will not be able to proceed to the destination. If suspicious content is detected, you will see a warning.

March 23, 2024

City of Poughkeepsie Planning Board
Attn: Anne Saylor,, Chairperson
63 Civic Center Plz
Poughkeepsie, NY 12601

cc: Joe Donat, Director of Development

RE: 110 South Grand Avenue

MASS DESIGN GROUP

1 Chandler Street Suite 101
Boston, MA 02116

289 Main Street Suite 101
Poughkeepsie, NY 12601

hello@massdesigngroup.org
+1 857 233 5788
+1 845 473 4003

massdesigngroup.org

Dear City of Poughkeepsie Planning Board,

MASS has been asked to review the proposed project at 110 South Grand Avenue. The project drawings and application indicate that the intent is to convert the existing Jewish Community Center into a center for Faith Apostolic Ministries with renovation and an addition.

We understand from the applicant's letter that the proposed project is being completed in two phases – an addition to the existing sanctuary at the rear of the building (Park Avenue side), with accompanying renovation of numerous rooms within the building. The second phase is proposed as a renovation of the former pool area into a youth center. The center will have activity space, a conversation area and youth ministry.

Our office is in receipt of a site plan, preliminary architecturals and a rendering package. While this helps initiate a conversation of intent, the elevations and materials need more information in order to fully understand the proposed scope. MASS would like to make the following preliminary comments to assist the Planning Board's review, and would suggest an architectural workshop be scheduled with the applicant at the earliest mutual convenience.

ARCHITECTURAL DETAILS, MATERIALS, AND METHODS

A. Exterior Palette
   The renderings show an upgraded exterior with stone base, and what appears to be a parged stucco, and additional gray cladding elements, wrapping the original brick exterior. *Please upgrade the elevations to include material notations, and submit materials for planning board review.*
B. Existing Brick Masonry
   At areas of existing brick, *please clarify the treatment of the brick (ie. left as-is, stained, painted, etc), as it appears to be darker than the existing condition.*
C. Windows
   The renderings appear to show replacement fenestration, *but we are unclear about the finish and the desired operability of the windows.*
D. There are many precedent projects across history that find a repurpose for a religious space to be used by another religion. However, *the proposed detail of a building sized cross on the west facade awkwardly cuts into the series of applied building arches, and we would encourage another resolution of this feature.*
E. *Similarly, the sign for Faith Apoloic Ministries is under detailed to evaluate this detail fully.*

LANDSCAPE

A. The new site plan shows the existing structure surrounded by parking. *Given this vast increase in impervious area, we would encourage the applicant to consider more tree planings, however we advise that this be done in consultation with a landscape architect or botanist, as the proposed Norway Maple on the site plan is an invasive species and not appropriate for new planting.*
B. The renderings show a diversely planted garden to the north side of the building, but the site plan does not complement that understanding. *Can the applicant please clarify which proposal is accurate?*

SITE SAFETY // LIGHTING

A. On building lighting is shown in the renderings, and this could be an important consideration to the successful upgrade of this property. *Could the design team clarify any lighting proposed?*

We see the reactivation of this building as an important project for the public to understand, and therefore we look forward to the evolution of this important project.

Sincerely,
Chris Kroner



MASS DESIGN GROUP

1 Chandler Street Suite 101
Boston, MA 02116

289 Main Street Suite 101
Poughkeepsie, NY 12601

hello@massdesigngroup.org
+1 857 233 5788
+1 845 473 4003

massdesigngroup.org

Principal
ckroner@mass-group.org


DENIM & Pearls
STOP
ONE WAY

THE CITY OF POUGHKEEPSIE, NEW YORK
PLANNING BOARD
DRAFT APPROVAL
APRIL 22, 2025
110 SOUTH GRAND AVENUE

Present: **Excused:** **Absent:**

WHEREAS, the Planning Board has received a site plan and special permit application from Faith Apostolic Ministries Inc. relative to the construction of an addition to a church and a renovation of a youth center at 110 South Grand Avenue, File #2023-067; and,

WHEREAS, this application has been classified as an Unlisted Action for the purposes of SEQRA; and,

WHEREAS, the action is more fully detailed on a site plan and elevations prepared by Michael R. Berta, AIA, dated 2/27/25, and supplemental documentation; and,

WHEREAS, on February 13, 2024, the Zoning Board of Appeals granted a variance regarding the location of off-street parking; and,

WHEREAS, at the April 23rd, 2024 meeting the Planning Board a public hearing was held and closed; and,

WHEREAS, at the April 23, 2024 meeting the Planning Board as Lead Agency of the SEQRA review adopted a Negative Declaration in accordance with Article 8 of the Environmental Conservation Law and 6 NYCRR 617 and City Code 19-6.4 and 19-4.17; and,

WHEREAS, upon completion of the project, prior to the issuance of the final certificate of occupancy, an as-built site plan set shall be submitted to the Planning Department for certification of compliance with Planning Board approval; and,

NOW THEREFORE BE IT FURTHER RESOLVED that the Board grant site plan and special permit approval relative to the relative to the construction of an addition to a church and a renovation of a youth center, with the following conditions:

- All City Department comments be addressed to those departments' satisfaction.

Motion:
Second:
Carried:

_____
Anne Saylor, Planning Board Chair

_____
Date

APPLICATION TO THE PLANNING BOARD
CITY OF POUGHKEEPSIE, NEW YORK

Application for Site Plan, Special Permit & Facade Approval

OFFICE USE ONLY

CODE: PLSF

ID #_____

FEE: _____
Total, from:
$500, plus
$_____
($150 per 1000 square feet of floor area), plus
$_____
($35 per number of required parking spaces), plus
$_____
($500 for special permit, if applicable)

I. **PROPERTY ADDRESS:** 8 South Clinton Street

II. **PROPERTY OWNER:** South Clinton Equities, LLC
ADDRESS: 8 South Clinton Street

NY 12601 (state and zip code)

PHONE NUMBER: 917-642-0410 (include area code)

III. **NAME OF APPLICANT:** Jason Lichwick Architecture PLLC

ADDRESS: 387 Hooker Avenue, Suite 5

Poughkeepsie

NY 12603 (state and zip code)

PHONE NUMBER: 845-284-6344 (include area code)

EMAIL ADDRESS: jason@JLArchitectureny.com

(If applicant is NOT the owner, proof of owner's consent to the application MUST be provided.)

IV. **CONSULTANT:** _____

ADDRESS: _____

_____

_____ (state and zip code)

PHONE NUMBER: _____ (include area code)

V. **PROPOSED USE or FAÇADE CHANGE** (Summarize proposed use or uses): Multifamily

VI. **ZONING DISTRICT:** PID-B

(Proceed to XVII for special permit & façade approval only)

PROJECT INFORMATION

New construction: X (yes) _____ (no)

Change of use: _____ (yes) X (no)

Expansion/addition: _____ (yes) X (no)

Alteration: _____ (yes) X (no)

Cost of Construction: $ 3,200,000.00

LOT AND BULK INFORMATION:

Lot area: 0.155 (acres) 6,770 (square feet)

Building Footprint: 5,200 (proposed square feet for new construction)

0 (existing square feet for change of use/expansion)

0 (additional proposed square feet for expansion)

5,200 (total building footprint, square feet)

Lot Coverage: 76% (percentage, building coverage only)

Gross Floor Area: 12,000 (proposed square feet for new construction)

0 (existing square feet for change of use/expansion)

0 (additional proposed square feet for expansion)

12,000 (total gross floor area, square feet)

Building Height: 3 (stories) 46'-9" (feet)

Floor Area Ratio: 1.77 (ratio of gross floor area divided by lot area)

VIII. PROJECT PARKING INFORMATION

A) Number of Off-Street Parking Spaces required: 13

B) Number of Off-Street Parking Spaces provided: 7

C) Waiver Requested: X (Yes) _____ (No)

Is municipal parking available within 600 feet? X (Yes) _____ (No)

If yes, name all such municipal facilities: Little Smith Street

(If a waiver is requested based on proximity to municipal facilities, a written request for such waiver, addressed to the City Planning Staff and the Chairman of the Planning Board, must be submitted with the application.)

If a private parking facility is to be utilized, is such facility within 600 feet?

_____ (Yes) (No)

If yes, provide the address of the facility, name of the property owner, number of spaces in the lot, number of spaces available for lease, and length of lease. Attach copy of lease. Additional information may be required by the Planning Board):

IX. RESIDENTIAL PROPOSALS

A) Type of Development: Multifamily
(Townhouse, condominium, multiple residence rental, etc.)

B) Unit Breakdown:

Number of efficiency or "studio" units: 7

Number of one (1) bedroom units: 9

Number of two (2) bedroom unit's 0

Number with three or more bedrooms: 0

Total number of units: 16

C) Is funding public?_____Yes__X__No
If yes, describe funding source: _____

X. OFFICE PROPOSALS (N/A Medical/Dental N/A Professional N/A Business)

A) Number of Employees: _____
B) Number of doctors/dentists/medical practitioners: _____
C) Days/Hours of Operation: _____

XI. SERVICE BUSINESS PROPOSALS

A) Specify Business: N/A
(e.g., laundromat, drycleaner, beauty parlor, travel agency, banks)

B) Number of Employees: _____

C) Number of Washing Machines (for laundromat): _____

D) Days/Hours of Operation: _____

XII. MERCANTILE PROPOSALS (Retail X Wholesale_____)

A) Type of Mercantile (specify): Unknown

B) Number of Employees: Unknown

C) Days/Hours of Operation: Unknown

XIII. STANDARD RESTAURANT/FAST FOOD RESTAURANT/COFFEE SHOP/DONUT SHOP/NIGHTCLUB/DISCOTHEQUE/BAR PROPOSALS

A) Specify Use: N/A

B) Number of seats (excluding bar stools and outdoor seating):_____

C) Meals served (i.e., breakfast, lunch, dinner): _____

D) Type of Menu: _____

E) Days/Hours of Operation: _____

F) Entertainment (live and/or recorded):_____

G) Will the restaurant contain a bar/lounge?: _____Yes_____No

H) If yes, how many seats at the bar? _____

I) Is a drive-through window proposed? _____

J) Is a walk-up window proposed? _____

K) Is an outdoor seating area proposed? _____

L) If yes, how many seats are proposed? _____

M) If yes, is outdoor cooking proposed? _____

XIV. INDUSTRIAL/COMMERCIAL PROPOSALS (Automobile repair, taxi, motor vehicle sales, warehouse, manufacturing, animal hospital, research facilities, etc.)

A) Specify Use: N/A

B) Number of shifts (if any): _____

C) Number of employees: _____
(If shifts are proposed, list number of employees per shift)

E) Number of work bays (if automobile repair): _____

F) Days/Hours of operation: _____

XV. EDUCATIONAL/INSTITUTIONAL/RECREATIONAL PROPOSALS (e.g., Museums, Theatres, Conference Centers, Hotels, Motels, Hospitals, Nursing Homes, Assisted Living Facilities, Nursery Schools, Private Schools, Day Care Centers, Places of Worship, Marinas, Membership Clubs, etc.)

A) Specify: N/A

B) Number of shifts (if any): _____

C) Number of employees: _____
(If shifts are proposed, list number of employees per shift)

D) Number of beds (hospitals, nursing homes, etc): _____

E) Number of seats in largest assembly space: _____

F) Number of classrooms (schools): _____

G) Number of rental units (hotels, motels, etc.) _____

H) Number of boat slips/courts (e.g., tennis, handball, etc.), alleys: _____

I) Days/Hours of Operation: _____

XVI. PROPOSALS NOT MENTIONED ABOVE (Please be specific):

_____

_____

_____

_____

_____

XVII. APPLICANT CERTIFICATION

I, Jason Lichwick, certify that the this application has addressed the objectives outlined in the Zoning Ordinance with consideration given to the public health, safety and welfare; the comfort and convenience of the public in general or the residents or users of the proposed development and of the immediate neighborhood.

The applicant certifies that all information contained herein is accurate and complete as of the date of this application.

_____ 12/21/2024

Signature of Applicant Date

Revised January 2018: Previous Editions Obsolete

March 11, 2025

Ms. Anne Saylor, Chair
City of Poughkeepsie Planning Board
62 Civic Center Plaza, Second Floor
Poughkeepsie, NY 12601

Re: New Construction- Multifamily Building
8 South Clinton Street
Poughkeepsie, NY 12601

Dear Ms. Saylor,

We come before the board seeking site plan approval for a new building located at 8 South Clinton Street in the City of Poughkeepsie. The proposed project is the new construction of a three-story multifamily building in the PID-B zoning district.

The ground floor of the proposed building has approximately 1,260 sf consisting of two tenant spaces (one of which is accessible), an entrance lobby and stairs. The entrance has been moved to the front of the building on South Clinton Street. The building has also been set back three (3) feet from the eastern edge of the property line and five (5) feet from the southern edge of the property line nearest to the adjacent structure to the south. Each floor above will be approximately 5,100 sf and will house seven residential apartments. The building will provide a total of seven (7) studio apartments and nine (9) one-bedroom apartments. Every second and third floor apartment has an exterior balcony which will contribute to the outdoor space requirement. Additionally, we are proposing seven (7) covered off-street parking spaces and a dumpster enclosure.

The proposed exterior materials of the building consist of brick veneer, stucco and exterior insulated façade system (E.I.F.S.).

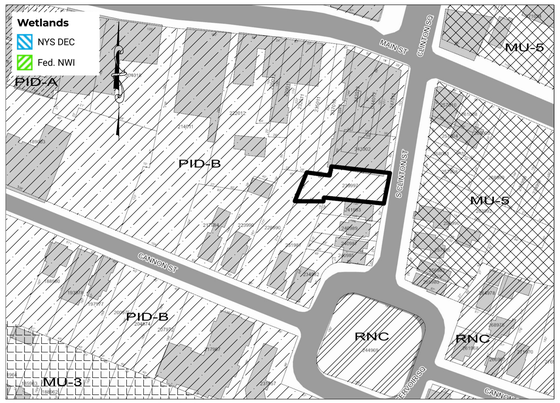
Thank you for your time and consideration as we seek site plan approval.

Very truly yours,

Jason Lichwick
NYSRA Lic. No. 038612

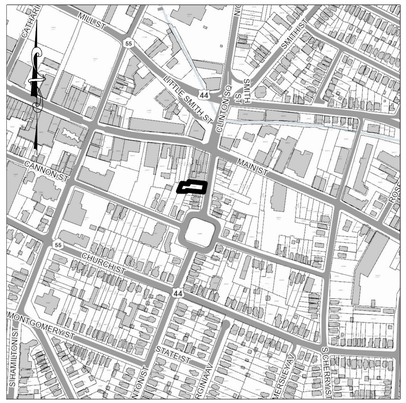
Jason Lichwick Architecture PLLC
387 Hooker Avenue, Suite 5, Poughkeepsie, New York 12603
P: 845-2845-6344

AREA MAP



SCALE: NOT TO SCALE

LOCATION MAP



SCALE: 1"=APP. 400FT

PROJECT:

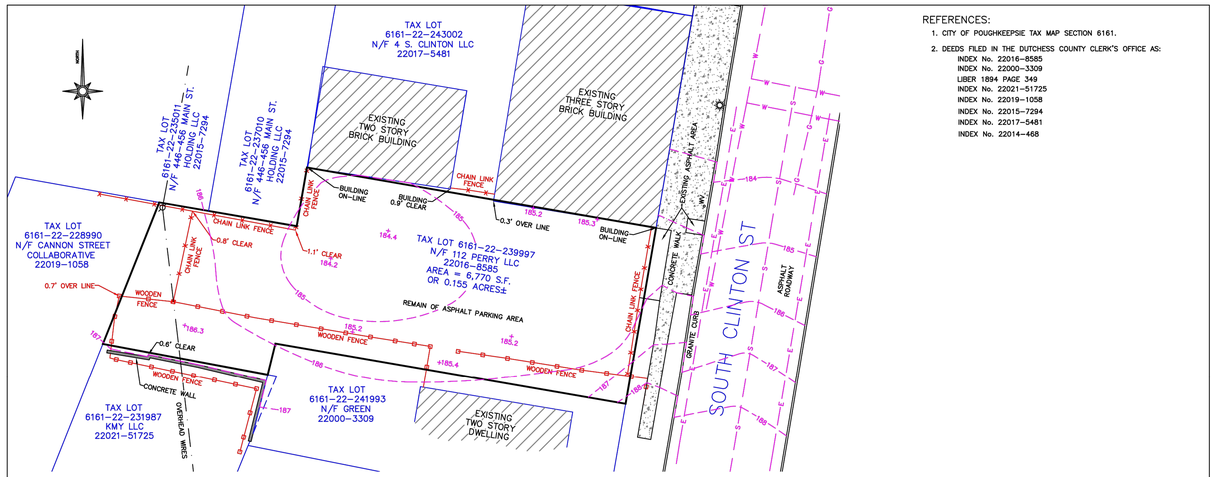
8 SOUTH CLINTON ST. NEW MULTI-FAMILY CONSTRUCTION

8 SOUTH CLINTON ST.
POUGHKEEPSIE, NY

OWNER:

SOUTH CLINTON EQUITIES LLC

8 SOUTH CLINTON ST.
POUGHKEEPSIE, NY 12601



REFERENCES:

1. CITY OF POUGHKEEPSIE TAX MAP SECTION 6161.
2. DEEDS FILED IN THE DUTCHESS COUNTY CLERK'S OFFICE AS:
   - INDEX No. 22016-8585
   - INDEX No. 22000-3309
   - LIBER 1894 PAGE 349
   - INDEX No. 22021-51725
   - INDEX No. 22019-1058
   - INDEX No. 22015-7294
   - INDEX No. 22017-5481
   - INDEX No. 22014-468

0 1 2 3
ORIGINAL SIZE IN INCHES

STATE OF NEW YORK
DARREN J STRIDIRON
050487
LICENSED LAND SURVEYOR

I HEREBY CERTIFY THAT:
THIS MAP OR PLAT IS BASED UPON THE FIELD NOTES OF THE SURVEY AND OTHER REFERENCES SHOWN.
ALL RECORDED EASEMENTS OR RIGHTS-OF-WAY AS SHOWN IN THE TITLE REPORT AND OTHER REFERENCES ARE SHOWN.
ALL OBSERVABLE EVIDENCE OF EASEMENTS ON THE GROUND ARE SHOWN.
ALL OBSERVABLE, ABOVE GROUND EVIDENCE OF BUILDINGS, STRUCTURES AND OTHER IMPROVEMENTS ARE SHOWN.

UNAUTHORIZED ALTERATION TO A MAP BEARING A LICENSED PROFESSIONAL LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
THIS CERTIFICATION IS NOT AN EXPRESS OR IMPLIED WARRANTY OR GUARANTEE, IT IS PURELY A STATEMENT OF PROFESSIONAL OPINION BASED ON KNOWLEDGE, INFORMATION AND BELIEF, BASED ON EXISTING FIELD EVIDENCE AND DOCUMENTARY EVIDENCE AVAILABLE.
CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
PLAN PREPARED PURSUANT TO SECTION 7208m OF THE NEW YORK STATE EDUCATION LAW.
SUBJECT TO THE FINDINGS OF AN UP-TO-DATE TITLE SEARCH.

Darren Stridiron
DARREN J. STRIDIRON, PROFESSIONAL LAND SURVEYOR
NEW YORK STATE LICENSE No. 050487

CV ASSOCIATES NY, PE, LS, P.C.
148 ROUTE 17M SUITE 2, HARRIMAN, NY 10926
TEL (845)774-1075, FAX (845)774-8139, e-mail: surveyingcva@cvassociatesny.com

BOUNDARY & TOPOGRAPHIC SURVEY

SOUTH CLINTON STREET
LOCATED AT
TAX LOT 6161-22-239997
CITY OF POUGHKEEPSIE
COUNTY OF DUTCHESS, NEW YORK

Date	Work Order	Drawing No.	SHEET
7/13/22	1402-65	1402-65SURVEY	1/1
Scale 1"= 20'			

1 / T-1 Existing Survey
Scale: 1" = 20'-0"

DRAWING LIST

PB-0 TITLE SHEET & SURVEY

CP-1 CIVIL PLAN
CP-2 CIVIL PLAN - CULVERT CONNECTION PLAN
CP-3 CIVIL PLAN - DETAILS

PB-1 PROPOSED SITE PLAN & BULK REQUIREMENTS
PB-2 PROPOSED FLOOR PLANS
PB-3 PROPOSED FLOOR PLANS
PB-4 PROPOSED ROOF & LIGHTING PLANS
PB-5 PROPOSED ELEVATIONS
PB-6 PROPOSED ELEVATIONS
PB-7 RENDERINGS

CITY PLANNING BOARD
CITY OF POUGHKEEPSIE, NEW YORK
SITE PLAN APPROVAL
FILE NO:
PROJECT NAME:
PROJECT LOCATION:
APPLICANT:
OFFICIALLY APPROVED at the Planning Board meeting held the ____ day of _____, 2___
PLANNING CHAIR:
DESIGNEE:
DATE SIGNED:
CONDITION(S):

Fire Chief

Police Chief

Building Inspector

City Engineer

Commissioner of Public Works

THIS STATEMENT ATTESTS TO THE OWNER'S FINANCIAL ABILITY TO CARRY OUT THE PROPOSED DEVELOPMENT.

JL ARCHITECTURE
JASON LICHWICK ARCHITECTURE PLLC
387 HOOKER AVENUE, SUITE 6
POUGHKEEPSIE, NEW YORK 12603
P: 845.284.6344
jasonlichwick.com

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT OR ENGINEER, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT OR ENGINEER IS ALTERED, THE ALTERING ARCHITECT OR ENGINEER SHALL AFFIX TO HIS ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. NOTE: DO NOT SCALE

SEAL

REGISTERED ARCHITECT
JASON R LICHWICK
038612
STATE OF NEW YORK

South Clinton Multi-Family New Construction
South Clinton Equities LLC
S.B.L. 6161-22-239997
8 South Clinton Street
Poughkeepsie, New York 12601

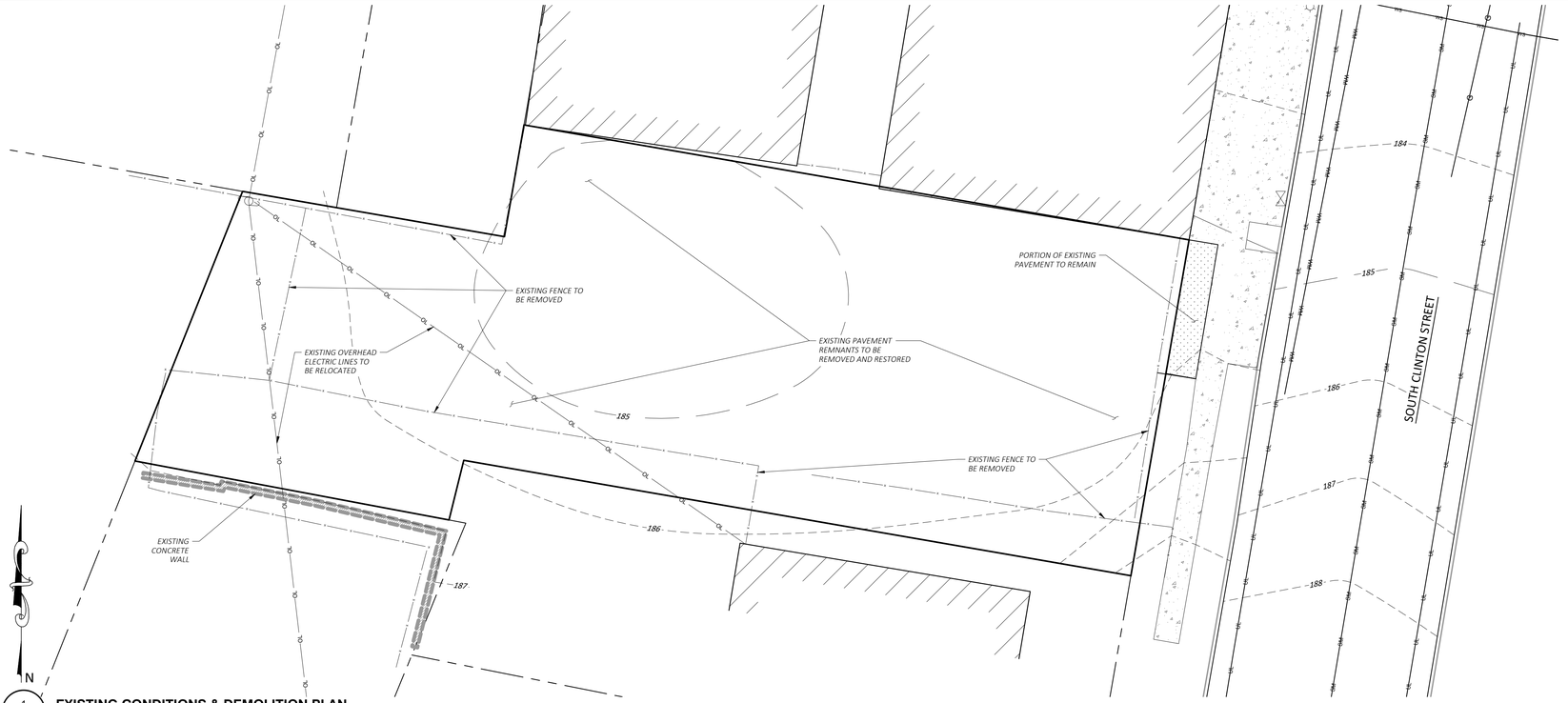
For Planning Board Review & Approval

Date: 12.23.2024

Revisions: 02.11.2025
03.11.2025

Drawn By: JL/HP

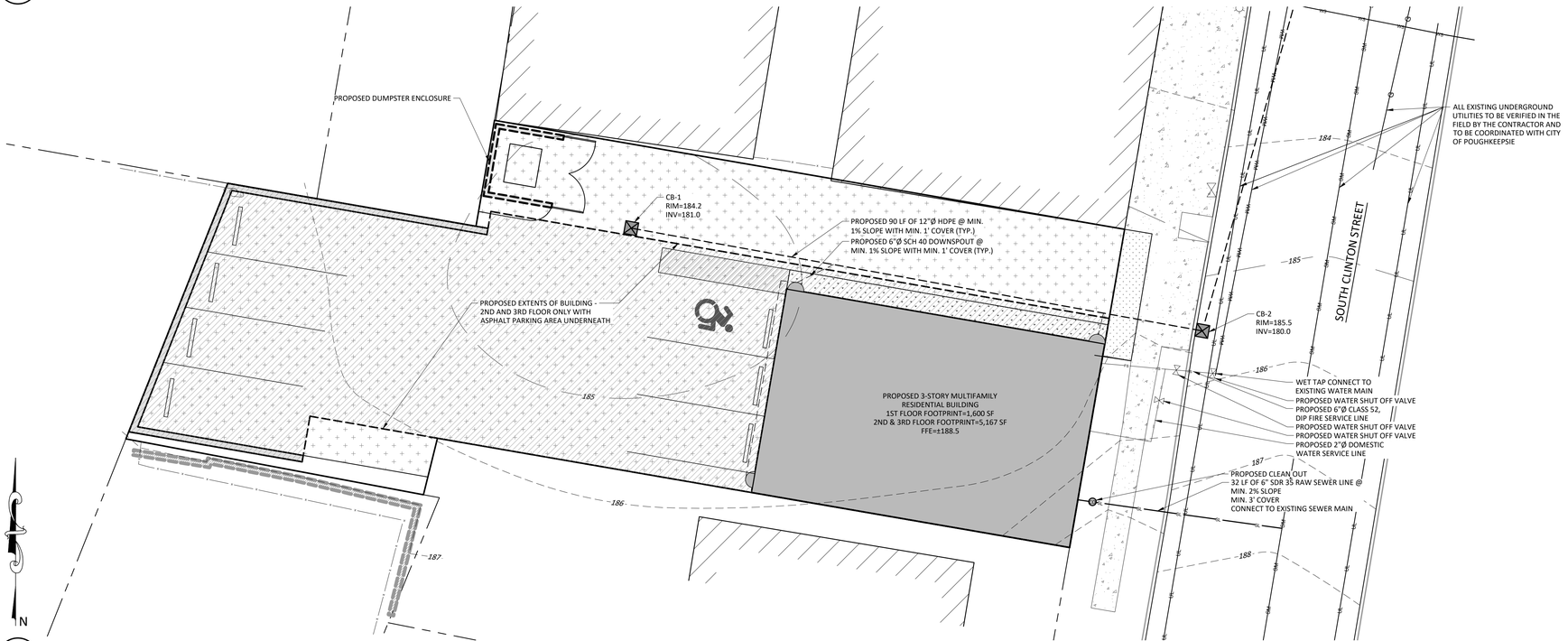
PB-0
Title Sheet



1 CP-1

EXISTING CONDITIONS & DEMOLITION PLAN

SCALE: 1"=10'



2 CP-1

PROPOSED CONDITIONS PLAN

SCALE: 1"=10'

LEGEND

- EXISTING PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING EDGE OF PAVEMENT
- EXISTING MAJOR CONTOUR (110)
- EXISTING MINOR CONTOUR (106)
- EXISTING SPOT GRADE (332.8 EG)
- UTILITY POLE & OVERHEAD LINE (OL)
- EXISTING WATER MAIN (WM)
- EXISTING LIGHT POST
- EXISTING SEWER MAIN (SM)
- EXISTING BUILDING
- EXISTING FENCE (X)
- EXISTING CONCRETE
- EXISTING PAVEMENT TO REMAIN
- PROPOSED ASPHALT PAVEMENT
- PROPOSED BUILDING
- PROPOSED BUILDING ON 2ND AND 3RD FLOOR ONLY WITH PARKING BENEATH
- PROPOSED EDGE OF PAVEMENT
- PROPOSED MAJOR CONTOUR (180)
- PROPOSED MINOR CONTOUR (178)
- PROPOSED SPOT GRADE (156.0 FG)
- PROPOSED SEWER LATERAL (SL)
- PROPOSED SANITARY SEWER BACK-TO-BACK CLEAN OUT ASSEMBLY
- PROPOSED WATER SERVICE LINE (WS)
- PROPOSED FIRE SERVICE LINE (FS)
- PROPOSED WATER VALVE
- PROPOSED CHAIN LINK FENCE GATE
- PROPOSED LANDSCAPED AREA
- PROPOSED DRAINAGE CULVERT
- PROPOSED ROOF LEADER WITH DOWNSPOUT
- PROPOSED CATCH BASIN

SITE NOTES

1. BUILDING FINISHED FLOOR ELEVATION IS APPROXIMATE AND WILL BE ADJUSTED AS SITE DESIGN PROGRESSES.
2. ALL SUBSURFACE UTILITIES SHOWN ARE APPROXIMATE AND MUST BE VERIFIED IN FIELD.

0 1 2 3
ORIGINAL SIZE IN INCHES

STATE OF NEW YORK
ANDREW V. WILLINGHAM
08398
LICENSED PROFESSIONAL ENGINEER

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willingham engineering
183 Main Street
New Paltz, New York 12561
T 845.255.0210 F 845.256.8110
www.willinghamengineering.com

REV	DATE	DESCRIPTION
1	02/21/25	GENERAL REVISIONS

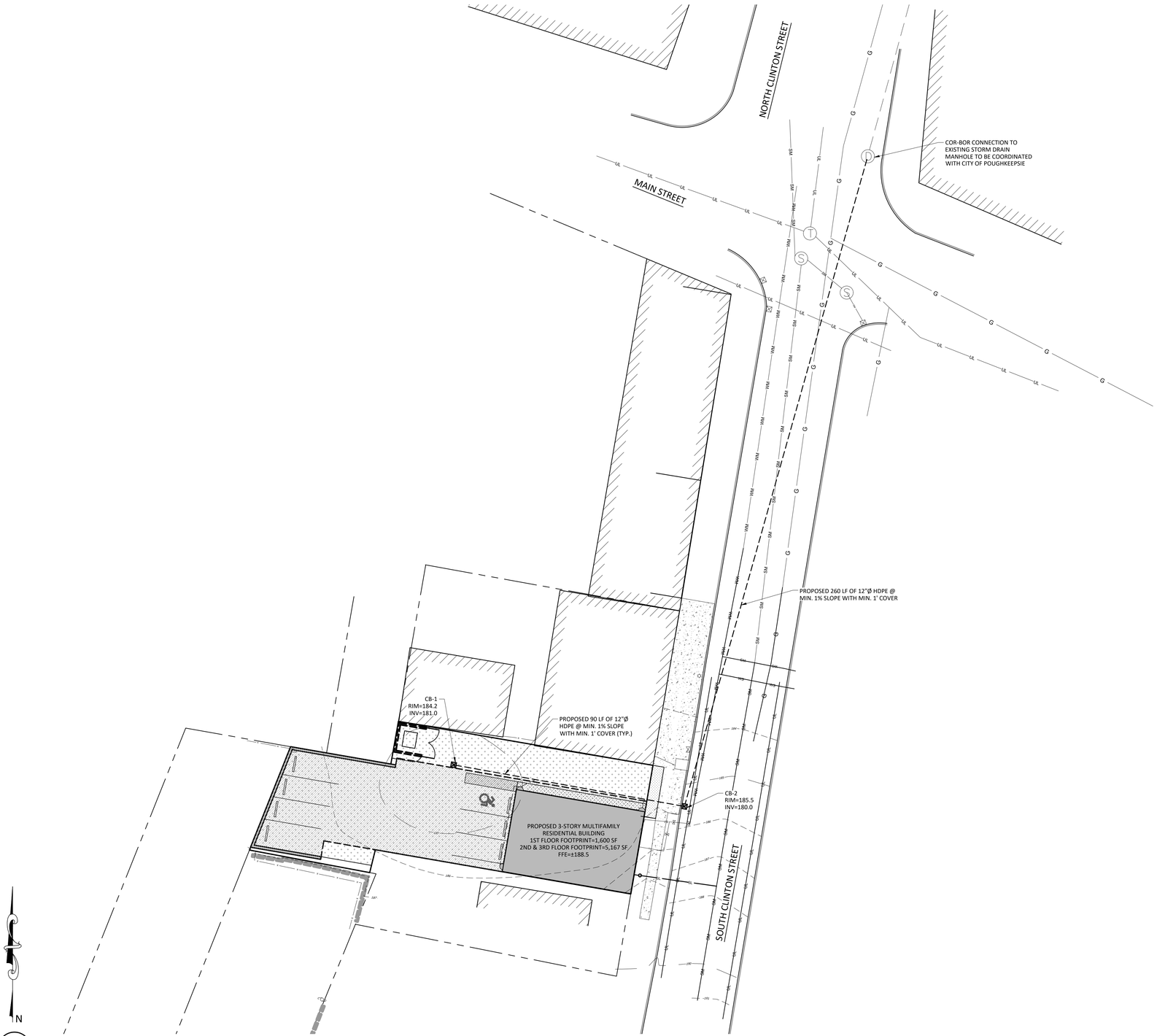
CIVIL PLAN

SOUTH CLINTON EQUITIES LLC

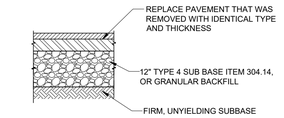
8 SOUTH CLINTON STREET

CITY OF POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK

DRAWN BY	CHECKED BY
MLT	
DATE	SCALE
12/20/24	1"=10'
PROJECT NO.	
24007	
SHEET NO.	
CP-1	

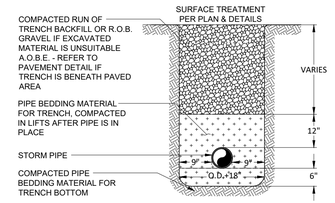


1 CP-2 **PROPOSED CULVERT CONNECTION PLAN**
SCALE: 1"=20'



NOTE:
1. ASPHALT EMULSION TACK COAT SHALL BE APPLIED TO ALL CONNECTIONS WITH EXISTING EDGES OF PAVEMENT @ 0.15 GALLONS PER SQUARE YARD.

2 CP-2 **PAVED ROAD REPLACEMENT DETAIL**
SCALE: N.T.S.



1. PIPE BEDDING MATERIAL SHALL BE COMPOSED OF CRUSHED STONE, OR GRAVEL, FREE OF SOFT NONDURABLE PARTICLES, ORGANIC MATERIAL, AND THIN OR ELONGATED PARTICLES WITH THE FOLLOWING GRADATION REQUIREMENTS:

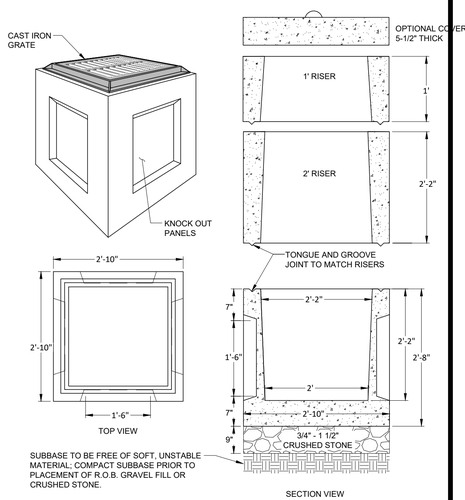
SIEVE DESIGNATION	% PASSING
4"	100
1"	80-100
1/4"	0-80
NO. 200	0-10

2. BEDDING MATERIAL SHALL BE STOCKPILED.
3. ALL TRENCH BACKFILL MATERIAL WILL BE WELL COMPACTED IN 6"-8" LIFTS, TO 95% STANDARD PROCTOR DENSITY.
4. BOTTOM OF TRENCH WILL BE FLAT AND LEVEL WITH NO LARGE STONES OR UNSTABLE SOILS PRESENT.
5. TRENCHING SHALL BE IMPLEMENTED IN ACCORDANCE WITH O.S.H.A. STANDARDS.
6. ALL STORMWATER PIPING SHALL BE CORRUGATED, SMOOTH LINED, HIGH DENSITY POLYETHYLENE.

3 CP-2 **STORMWATER TRENCH DETAIL**
SCALE: N.T.S.

LEGEND

- EXISTING PROPERTY LINE
- ADJACENT PROPERTY LINE
- EXISTING EDGE OF PAVEMENT
- 110 EXISTING MAJOR CONTOUR
- 106 EXISTING MINOR CONTOUR
- 332.8 EG EXISTING SPOT GRADE
- OL OL UTILITY POLE & OVERHEAD LINE
- WM WM EXISTING WATER MAIN
- EXISTING LIGHT POST
- SM SM EXISTING SEWER MAIN
- EXISTING BUILDING
- X X EXISTING FENCE
- EXISTING CONCRETE
- EXISTING PAVEMENT TO REMAIN
- PROPOSED ASPHALT PAVEMENT
- PROPOSED BUILDING
- PROPOSED BUILDING ON 2ND AND 3RD FLOOR ONLY WITH PARKING BENEATH
- PROPOSED EDGE OF PAVEMENT
- 180 PROPOSED MAJOR CONTOUR
- 178 PROPOSED MINOR CONTOUR
- 156.0 FG PROPOSED SPOT GRADE
- OL OL OL PROPOSED SEWER LATERAL
- PROPOSED SANITARY SEWER BACK-TO-BACK CLEAN OUT ASSEMBLY
- WS WS WS PROPOSED WATER SERVICE LINE
- FS FS FS PROPOSED FIRE SERVICE LINE
- PROPOSED WATER VALVE
- PROPOSED CHAIN LINK FENCE GATE
- PROPOSED LANDSCAPED AREA
- PROPOSED DRAINAGE CULVERT
- PROPOSED ROOF LEADER WITH DOWNSPOUT
- PROPOSED CATCH BASIN



NOTES:
1. CATCH BASIN SHALL BE PRE CAST REINFORCED CONCRETE CONFORMING TO ASTM C-478 AND SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
2. CATCH BASIN, TOP, FRAME, AND GRATE SHALL BE DESIGNED FOR H-20 VEHICULAR LOADING AND 30% IMPACT.
3. CATCH BASINS HAVING A DEPTH GREATER THAN 48" FROM FINISHED SURFACE TO THE TOP OF THE CONCRETE BASE SHALL BE PROVIDED WITH STEPS.
4. BACK FILL USING SELECT MATERIAL, COMPACTED IN 6" LIFTS.
5. FRAMES AND GRATES SHALL BE SET IN A FULL BED OF MORTAR.
7. ALL CATCH BASINS SHALL BE MANUFACTURED BY WOODARD'S CONCRETE PRODUCTS INC., MODEL NUMBER: CB-24x24, OR APPROVED EQUAL.

4 CP-2 **PRECAST CATCH BASIN (24"x24")**
SCALE: N.T.S.

0 1 2 3
ORIGINAL SIZE IN INCHES

STATE OF NEW YORK * ANDREW V. WILLINGHAM * 083984 * PROFESSIONAL ENGINEER

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willingham engineering
183 Main Street
New Paltz, New York 12561
T 845.255.0210 F 845.256.8110
www.willinghamengineering.com

REV	DATE	DESCRIPTION
1	02/21/25	GENERAL REVISIONS

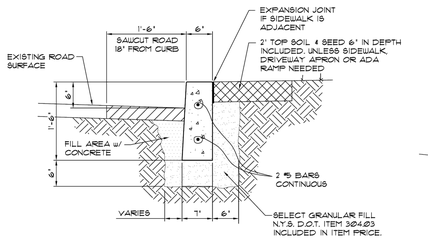
CULVERT CONNECTION PLAN

SOUTH CLINTON EQUITIES LLC

8 SOUTH CLINTON STREET

CITY OF POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK

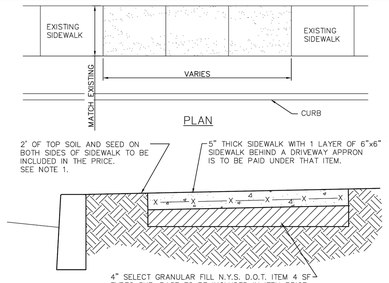
DRAWN BY	CHECKED BY
MLT	
DATE	SCALE
12/20/24	AS NOTED
PROJECT NO.	
24007	
SHEET NO.	
CP-2	



NOTE:

1. CONCRETE SHALL BE MINIMUM 4,000 PSI

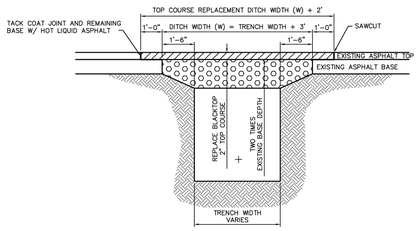
1 CP-2 FORMED CURB DETAIL
SCALE: N.T.S.



NOTES:

1. ALL CONCRETE SHALL BE MINIMUM 4,000 PSI.
2. WHERE MATERIAL IS NOT USED THE CITY OF POUGHDEEPSIE WILL BE CREDITED IN AREAS WHERE MORE THAN THE SPECIFIED AMOUNT OF MATERIAL IS USED. MAJOR GRADE CHANGES WILL BE APPROVED BY THE CITY ENGINEERING DEPT. AND WILL BE PAID UNDER APPROPRIATE ITEMS.
3. UPON COMPLETION OF CURING ALL CONCRETE SURFACES SHALL BE COATED WITH SODIUM CHLORIDE INHIBITING SEALER AS REQ'D.

2 CP-2 SIDEWALK DETAIL: REPLACE & NEW
SCALE: N.T.S.



GENERAL NOTES:

DITCH WIDTH SHALL EXTEND A MINIMUM OF ONE AND ONE-HALF FT. (1 1/2') FROM THE EDGES.

REPLACED BASE MATERIAL OVER TRENCH SHALL BE TWCE THE THICKNESS OF THE BASE. (MINIMUM THICKNESS OF 8 INCHES).

BASE MATERIAL SHALL BE PLACED IN TWO OR THREE LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED.

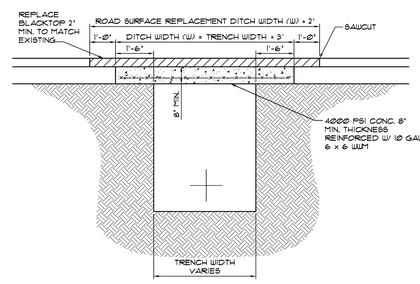
ASPHALTIC CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.

ALL JOINTS TO BE SQUARED TO THE EXISTING EDGE OF CURB AND/ OR PAVEMENT, AND TACK COATED PER DETAIL.

TOP COURSE SURFACE REPLACEMENT SHALL EXTEND A MINIMUM OF ONE FOOT (1') FROM THE EDGES OF THE OPEN CUT ONTO THE ROAD BASE..

TOP COURSE REPLACEMENT SHALL BE MINIMUM OF TWO INCHES (2") OF ASPHALTIC CONCRETE.

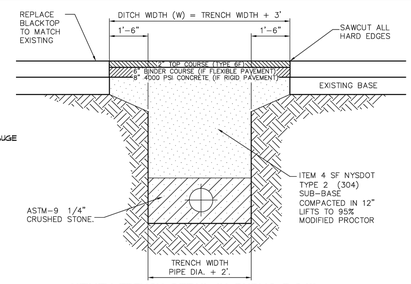
3 CP-2 FLEXIBLE PAVEMENT AND TRENCH LIMITS DETAIL
SCALE: N.T.S.



NOTE:

CONTRACTOR TO PROVIDE ALL NECESSARY PLATING TO FACILITATE CONCRETE CURING OPERATIONS

4 CP-2 RIGID PAVEMENT AND TRENCH LIMITS DETAIL
SCALE: N.T.S.

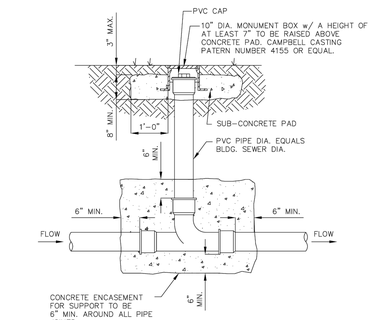


UTILITY TRENCH DETAIL IN PUBLIC R.O.W.
SCALE: 1/4" =1'-0"

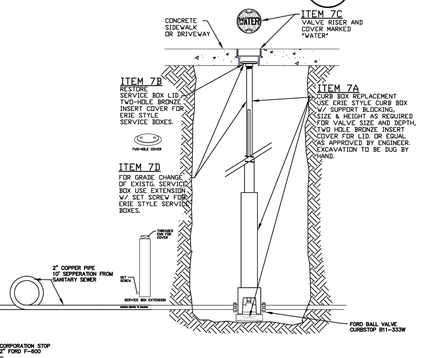
NOTES:

1. DITCH WIDTH SHALL EXTEND A MINIMUM OF ONE AND ONE-HALF FT. FROM THE EDGES OF THE TRENCH.
2. REPLACED BASE MATERIAL OVER TRENCH SHALL BE ITEM 4 COMPACTED IN 12" LIFTS.
3. PIPE BEDDING SHALL BE A MINIMUM OF 6" ABOVE AND BELOW PIPE
4. ALL JOINTS SHALL BE MECHANICALLY SAWED.
5. ALL JOINTS SHALL BE SQUARED TO THE EXISTING EDGE OF CURB AND/OR PAVEMENT, AND TACK COATED PER DETAIL.
6. ROAD SURFACE REPLACEMENT SHALL BE MINIMUM OF SIX INCHES OF ASPHALIC CONCRETE.
7. BINDER COURSE ASPHALT PAVEMENT TO BE PLACED IN TWO LIFTS.

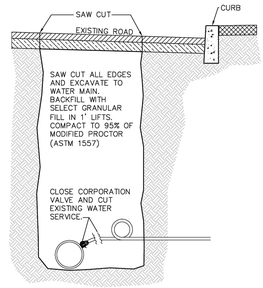
5 CP-2 TRENCH AND PAVEMENT DETAIL
SCALE: N.T.S.



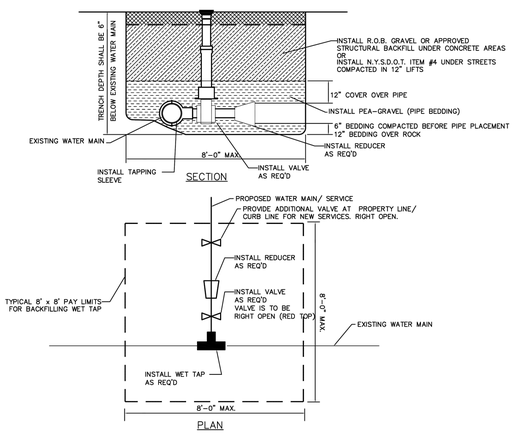
6 CP-2 RESIDENTIAL SANITARY CLEAN OUT DETAIL
SCALE: N.T.S.



7 CP-2 CURB BOX AND WATER SERVICE CONNECTION
SCALE: N.T.S.

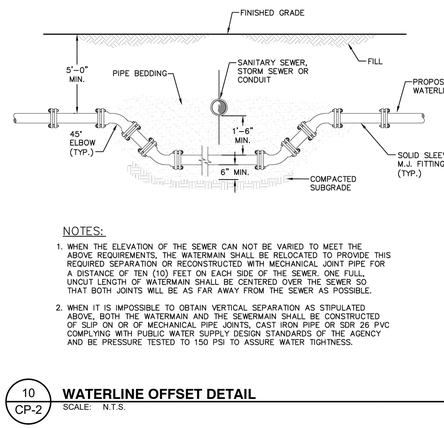


8 CP-2 WATER SERVICE DISCONNECT AT MAIN DETAIL
SCALE: N.T.S.



NOTE: ALL BACKFILL TO BE PLACED IN 1' LIFTS AND COMPACTED TO 95% OF MODIFIED PROCTOR (ASTM 1557)

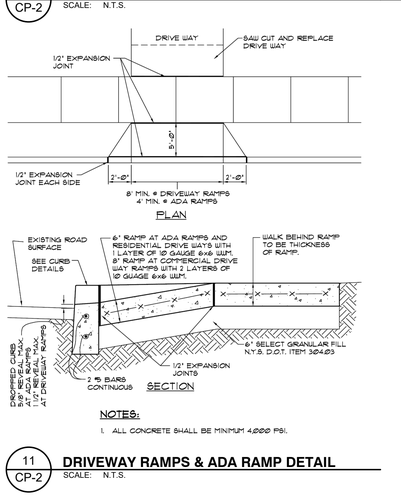
9 CP-2 TAPPING SLEEVE & VALVE DETAIL
SCALE: N.T.S.



NOTES:

1. WHEN THE ELEVATION OF THE SEWER CAN NOT BE VARIED TO MEET THE ABOVE REQUIREMENTS, THE WATERMAIN SHALL BE RELOCATED TO PROVIDE THIS REQUIRED SEPARATION OR RECONSTRUCTED WITH MECHANICAL JOINT PIPE FOR A DISTANCE OF TEN (10) FEET ON EACH SIDE OF THE SEWER. ONE FULL, UNCUT LENGTH OF WATERMAIN SHALL BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR AWAY FROM THE SEWER AS POSSIBLE.
2. WHEN IT IS IMPOSSIBLE TO OBTAIN VERTICAL SEPARATION AS STIPULATED ABOVE, BOTH THE WATERMAIN AND THE SEWERMAIN SHALL BE CONSTRUCTED OF SLIP ON OR OF MECHANICAL PIPE JOINTS, CAST IRON PIPE OR SDR 26 PVC COMPLYING WITH PUBLIC WATER SUPPLY DESIGN STANDARDS OF THE AGENCY AND BE PRESSURE TESTED TO 150 PSI TO ASSURE WATER TIGHTNESS.

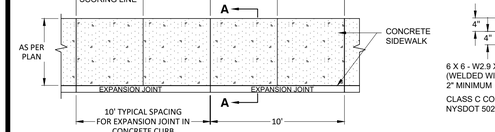
10 CP-2 WATERLINE OFFSET DETAIL
SCALE: N.T.S.



NOTES:

1. ALL CONCRETE SHALL BE MINIMUM 4,000 PSI.

11 CP-2 DRIVEWAY RAMPS & ADA RAMP DETAIL
SCALE: N.T.S.

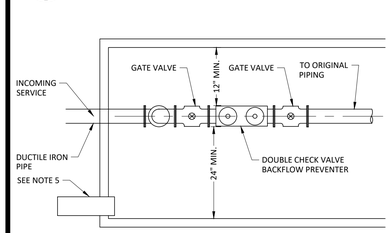


UTILITY COVER TABLE		
UTILITY	COVER UNDER PAVED SURFACE	COVER UNDER OTHER SURFACE
GRAVITY SEWER	3'-0"	1'-6"
FORCE MAIN	5'-0"	5'-0"
ELECTRIC/CABLE	3'-0"	1'-6"

NOTES:

1. ALL TRENCH BACKFILL MATERIAL SHALL BE COMPACTED IN MAX. 6" LIFTS, TO 95% STANDARD PROCTOR DENSITY.
2. REMOVE ALL NONDURABLE PARTICLES, ORGANIC MATTER AND STONES LARGER THEN 1.5"Ø FROM BACKFILL.
3. BOTTOM OF TRENCH WILL BE FLAT AND LEVEL WITH NO LARGE STONES OR UNSTABLE SOILS PRESENT.
4. IF A PAVEMENT JOINT EXISTS WITHIN 3' OF SAW CUT. PAVEMENT SHALL BE REMOVED TO EXISTING JOINT.
5. TACK COAT SHALL BE APPLIED TO ALL EXPOSED EDGES OF PAVEMENT AND BETWEEN EVERY LIFT.
6. ALL PAVEMENT WILL BE COMPACTED IN MAX. 3" LIFTS USING A 10 TON, VIBRATORY ROLLER.
7. ALL SANITARY SEWER FORCE MAINS SHALL BE MINIMUM SDR 21 PIPE.
8. ALL GRAVITY SEWER LINES SHALL BE MINIMUM SDR 35 PIPE.
9. ALL DISTURBED AREAS TO BE STABILIZED WITHIN THREE (3) DAYS OF DISTURBANCE.
10. TRENCHING SHALL BE IMPLEMENTED IN ACCORDANCE WITH O.S.H.A. STANDARDS.
11. ALL UNDERGROUND UTILITY INSTALLATIONS SHALL MEET SPECIFICATIONS PER JURISDICTIONAL UTILITY COMPANY.
12. ALL UNDERGROUND UTILITY INSTALLATIONS SHALL MEET SPECIFICATIONS PER JURISDICTIONAL UTILITY COMPANY.
13. TRENCH SPECIFICATIONS SHALL BE SUBJECT TO CHANGE PER SPECIFIC SITE DESIGN CONSIDERATIONS.

16 CP-2 ON-SITE UTILITY TRENCH DETAIL
SCALE: N.T.S.

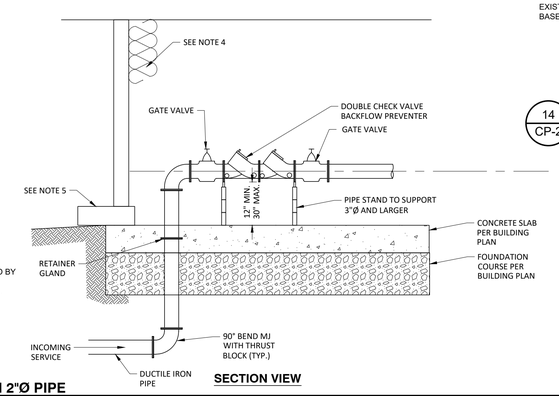


PLAN VIEW

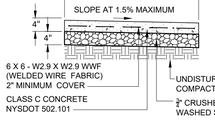
NOTE:

1. DOUBLE CHECK VALVE BACKFLOW ASSEMBLY SHALL BE INSTALLED IN A LOCATION APPROVED BY CITY OF POUGHKEEPSIE WATER DEPARTMENT.
2. DOUBLE CHECK VALVE BACKFLOW ASSEMBLY SHALL BE INSTALLED HORIZONTAL AND PLUMB.
3. ALL CLEARANCES APPLY TO OUTSIDE, IN-BUILDING AND VAULT INSTALLATIONS.
4. INSULATE BUILDING AND/OR HAVE A HEAT SOURCE TO KEEP ENCLOSURE AT 40°.
5. ENCLOSURE SHALL HAVE A BORE SIGHTED DRAIN TO DAYLIGHT.
6. A DOOR OR OTHER APPROVED ACCESS SHALL BE PROVIDED.
7. ALL ASSEMBLIES 3" AND LARGER SHALL BE FLANGED.
8. ALL STRUCTURES MUST COMPLY WITH LOCAL BUILDING CODES.
9. FOR DOUBLE CHECK VALVE ASSEMBLY ON DOMESTIC SERVICE ONLY (NON-FIRE SERVICE) NON-RISING STEM VALVES ARE ACCEPTABLE.

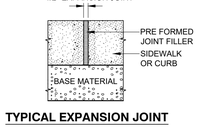
13 CP-2 BACKFLOW PREVENTION DEVICE - GREATER THAN 2"Ø PIPE
SCALE: N.T.S.



SECTION VIEW

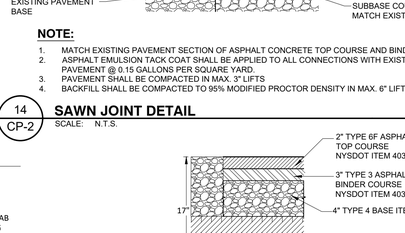


SECTION A-A



TYPICAL EXPANSION JOINT

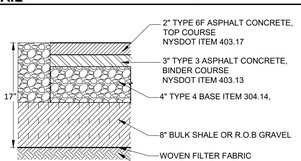
12 CP-2 ON-SITE CONCRETE SIDEWALKWAY DETAIL
SCALE: N.T.S.



NOTE:

1. MATCH EXISTING PAVEMENT SECTION OF ASPHALT CONCRETE TOP COURSE AND BINDER COURSE.
2. ASPHALT EMULSION TACK COAT SHALL BE APPLIED TO ALL CONNECTIONS WITH EXISTING EDGES OF PAVEMENT @ 0.15 GALLONS PER SQUARE YARD.
3. PAVEMENT SHALL BE COMPACTED IN MAX. 3" LIFTS
4. BACKFILL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY IN MAX. 6" LIFTS

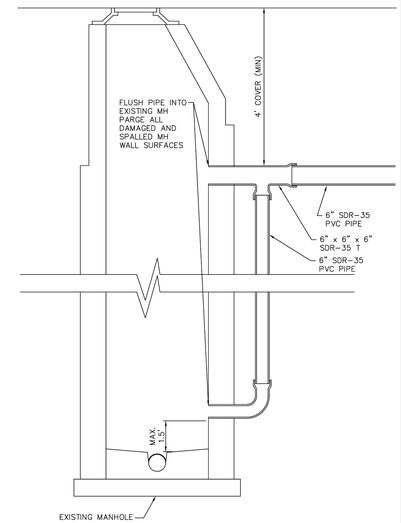
14 CP-2 SAWN JOINT DETAIL
SCALE: N.T.S.



NOTES:

1. PAVEMENT CROSS SLOPE SHALL BE MIN. 1/4" PER FOOT.
2. ASPHALT EMULSION TACK COAT SHALL BE APPLIED TO ALL CONNECTIONS WITH EXISTING EDGES OF PAVEMENT @ 0.15 GALLONS PER SQUARE YARD.
3. ALL BACKFILL MATERIAL BENEATH ROAD AND SHOULDER SHALL BE COMPACTED IN MAX. 6" LIFTS.
4. ALL PAVEMENT SHALL BE COMPACTED IN MAX. 3" LIFTS.
5. ALL MATERIALS SHALL BE COMPACTED TO 95% STANDARD PROCTOR DENSITY.

15 CP-2 ON-SITE PAVEMENT DETAIL
SCALE: N.T.S.



17 CP-2 STANDARD DROP CONNECTION TO SANITARY MANHOLE DETAIL
SCALE: N.T.S.

SHEET 3 OF 3

0 1 2 3
ORIGINAL SIZE IN INCHES

STATE OF NEW YORK ANDREW V. WILLINGHAM 083984 PROFESSIONAL ENGINEER

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willingham engineering
183 Main Street
New Paltz, New York 12561
T 845.255.0210 F 845.256.8110
www.willinghamengineering.com

REV	DATE	DESCRIPTION

CIVIL PLAN - DETAILS

SOUTH CLINTON EQUITIES LLC

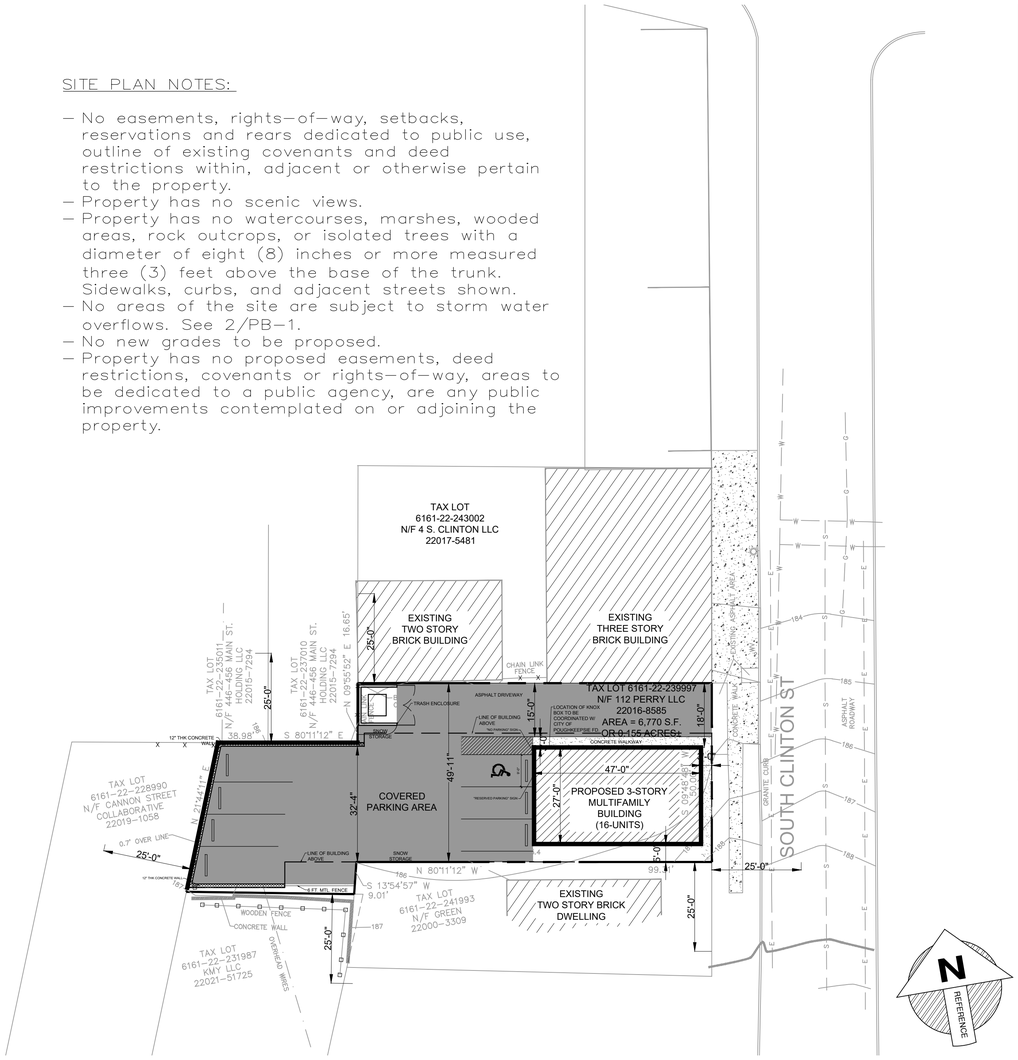
8 SOUTH CLINTON STREET

CITY OF POUGHKEEPSIE, DUTCHESS COUNTY, NEW YORK

DRAWN BY	CHECKED BY
MLT	
DATE	SCALE
12/20/24	AS NOTED
PROJECT NO.	
24007	
SHEET NO.	
CP-3	

SITE PLAN NOTES:

- No easements, rights-of-way, setbacks, reservations and rears dedicated to public use, outline of existing covenants and deed restrictions within, adjacent or otherwise pertain to the property.
- Property has no scenic views.
- Property has no watercourses, marshes, wooded areas, rock outcrops, or isolated trees with a diameter of eight (8) inches or more measured three (3) feet above the base of the trunk. Sidewalks, curbs, and adjacent streets shown.
- No areas of the site are subject to storm water overflows. See 2/PB-1.
- No new grades to be proposed.
- Property has no proposed easements, deed restrictions, covenants or rights-of-way, areas to be dedicated to a public agency, are any public improvements contemplated on or adjoining the property.



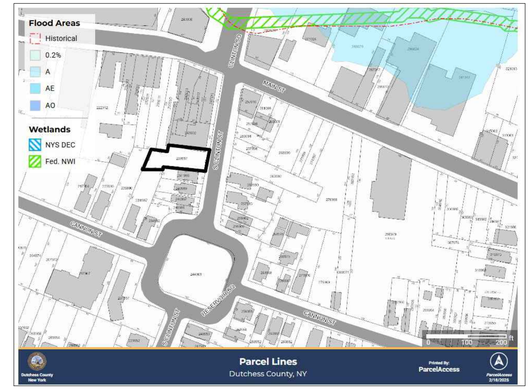
1 PB-1 **Proposed Site Plan**

Scale: 1" = 20'-0"

BULK TABLE & CODE REQUIREMENTS

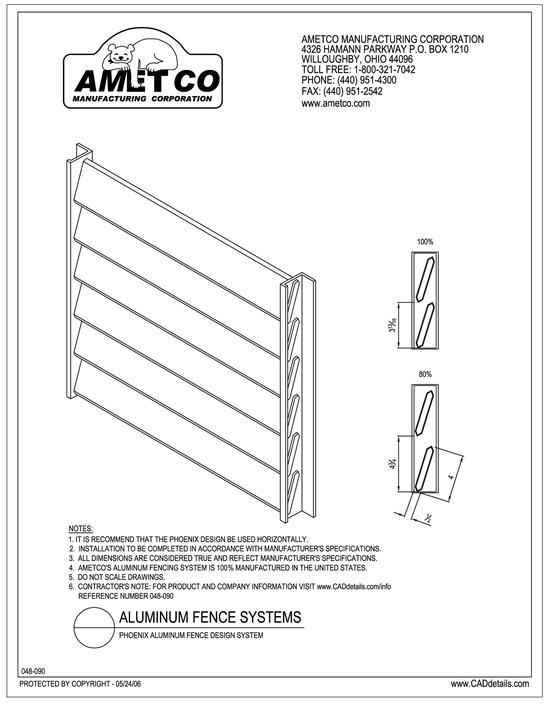
ZONING INFORMATION	ZONE :	PID-B (Poughkeepsie Innovation District B)	
	Proposed Use :	Multi-Family	
	Permitted with:	Site Plan Review	
MINIMUM REQUIREMENTS			
	Required	Provided	Variance
Lot Area	NONE	0.155 ACRES / 6,770 S.F.	
Lot Width	NONE	50'-0" FT +/-	
Lot Frontage	NONE	NONE	
YARD SETBACKS			
	Required	Provided	Variance
Front (MIN./MAX.)	0/15 FT	0 FT	
Side 'A' (MIN./MAX.)	0/11 FT	0 FT	
Side	0 FT	0 FT	
Rear	0 FT	0 FT	
LOT COVERAGE & BUILDING HEIGHTS			
	Required	Provided	Variance
Percentage of Lot Coverage	60% Min. 4062 SF	76% 5167 SF	
Building Height	2 Stories Min. 29 FT	3 Stories 43'-2" FT	
OPEN SPACE REQUIREMENTS			
	Required	Provided	Variance
Outdoor Activity Space	10% MIN. TOTAL LOT AREA: 6770 SF 677 SF REQ.	682 S.F. (PROVIDED BY UNIT BALCONIES)	
OFF-STREET PARKING REQUIREMENTS*			
	Required	Provided	Waiver
0.75 Space per unit plus 1 visitor space per 10 units.	14 spaces	7 spaces	7 spaces

*Off Street Parking shall be provided in accordance with Section 19-6.2(7), and such parking shall be located within 600 feet of the premises (Little Smith St. Lot.)



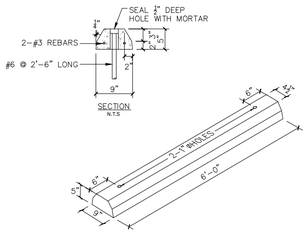
2 PB-1 **Wetlands & Flood Map**

Scale: N.T.S.



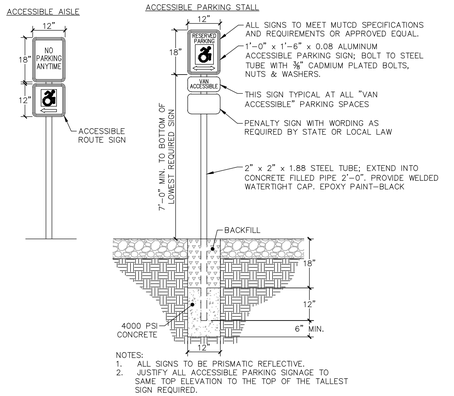
5 PB-1 **Metal Fence Detail - 100% & 80% Opacity**

Scale: N.T.S.



3 PB-1 **Typ. Wheelstop Detail**

Scale: N.T.S.



4 PB-1 **Typ. Sign Detail**

Scale: N.T.S.

JL ARCHITECTURE

JASON LICHWICK ARCHITECTURE PLLC
387 HOOKER AVENUE, SUITE 6
POUGHKEEPSIE, NEW YORK 12603
P: 845.284.6344
jasonlichwick.com

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT OR ENGINEER, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT OR ENGINEER IS ALTERED, THE ALTERING ARCHITECT OR ENGINEER SHALL AFFIX TO HIS ITEM THE SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. NOTE: DO NOT SCALE

SEAL

REGISTERED ARCHITECT JASON R LICHWICK 038612 STATE OF NEW YORK

South Clinton Multi-Family New Construction

South Clinton Equities LLC
S.B.L. 6161-22-239997
8 South Clinton Street
Poughkeepsie, New York 12601

For Planning Board Review & Approval

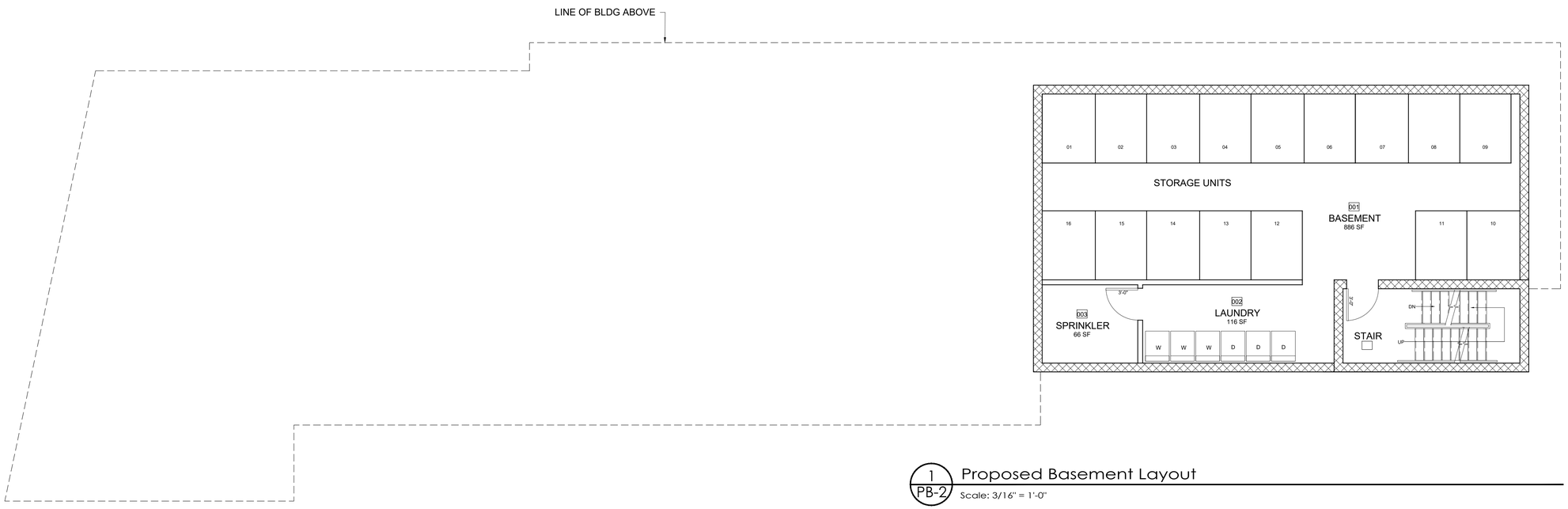
Date: 12.23.2024

Revisions: 02.11.2025
03.11.2025

Drawn By: JL/HP

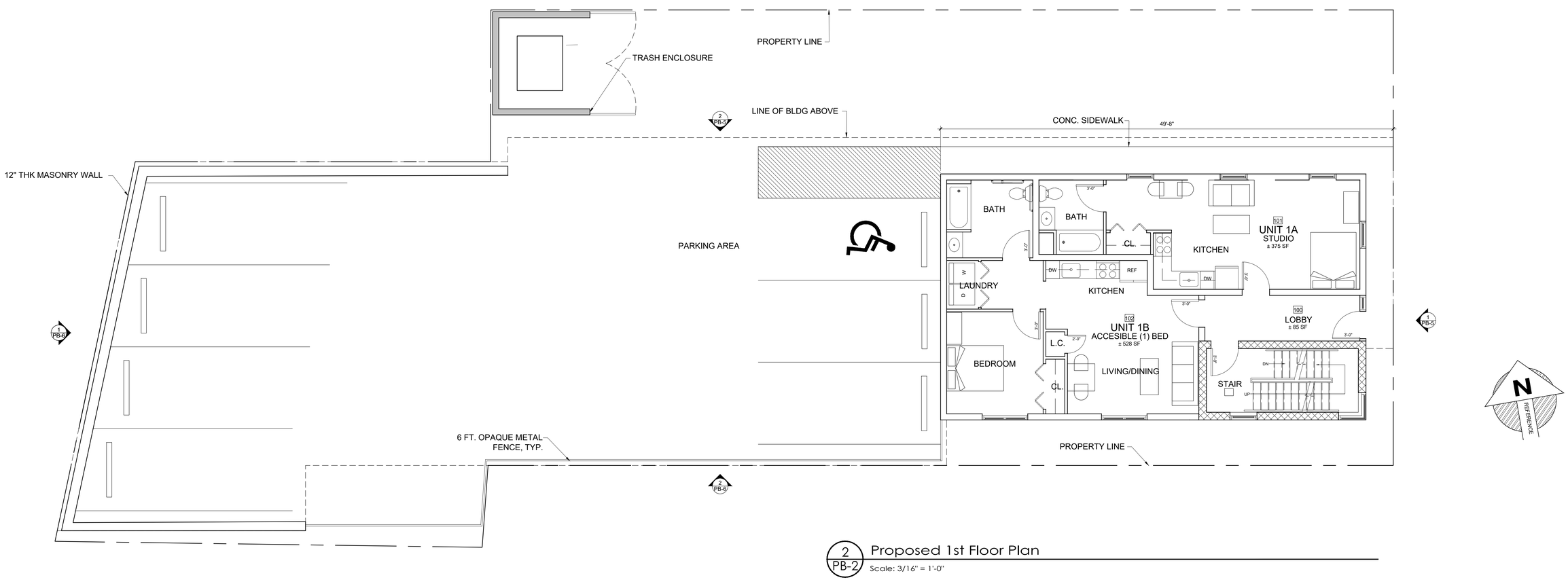
PB-1

Site Plan



1 PB-2 Proposed Basement Layout

Scale: 3/16" = 1'-0"



2 PB-2 Proposed 1st Floor Plan

Scale: 3/16" = 1'-0"

JL ARCHITECTURE

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POUGHKEEPSIE, NEW YORK 12603
P: 845.284.6344
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SEAL

REGISTERED ARCHITECT JASON R LICHWICK 038612 STATE OF NEW YORK

South Clinton Multi-Family New Construction

South Clinton Equities LLC
S.B.L. 6161-22-239697
8 South Clinton Street
Poughkeepsie, New York 12601

For Planning Board Review & Approval

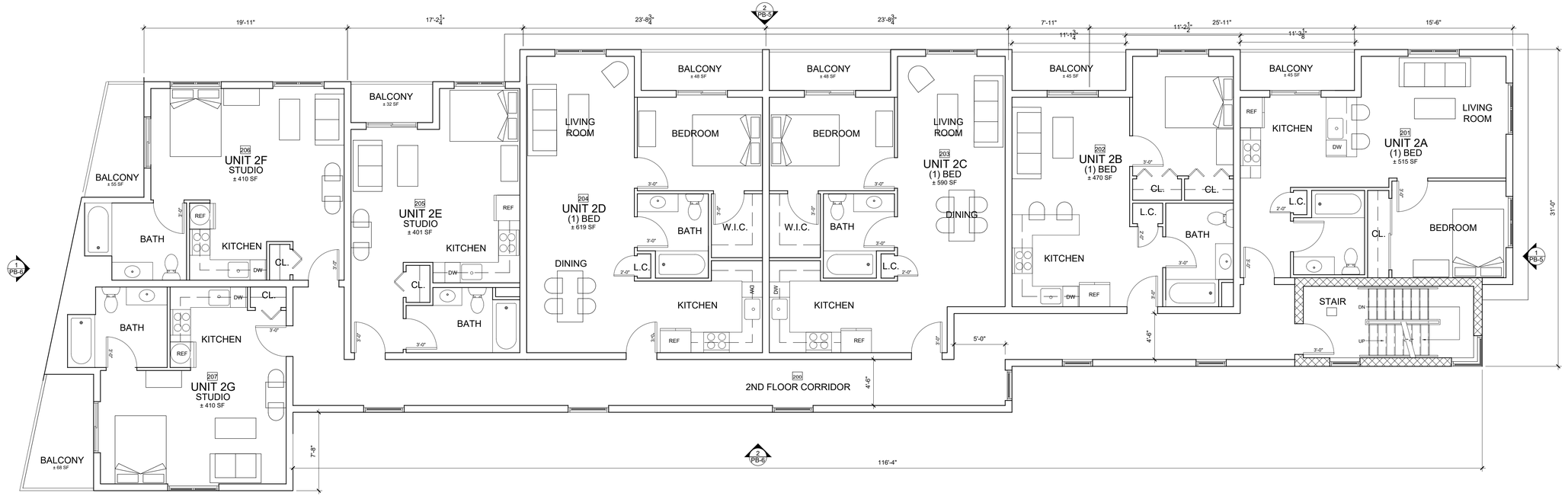
Date: 12.23.2024

Revisions: 02.11.2025
03.11.2025

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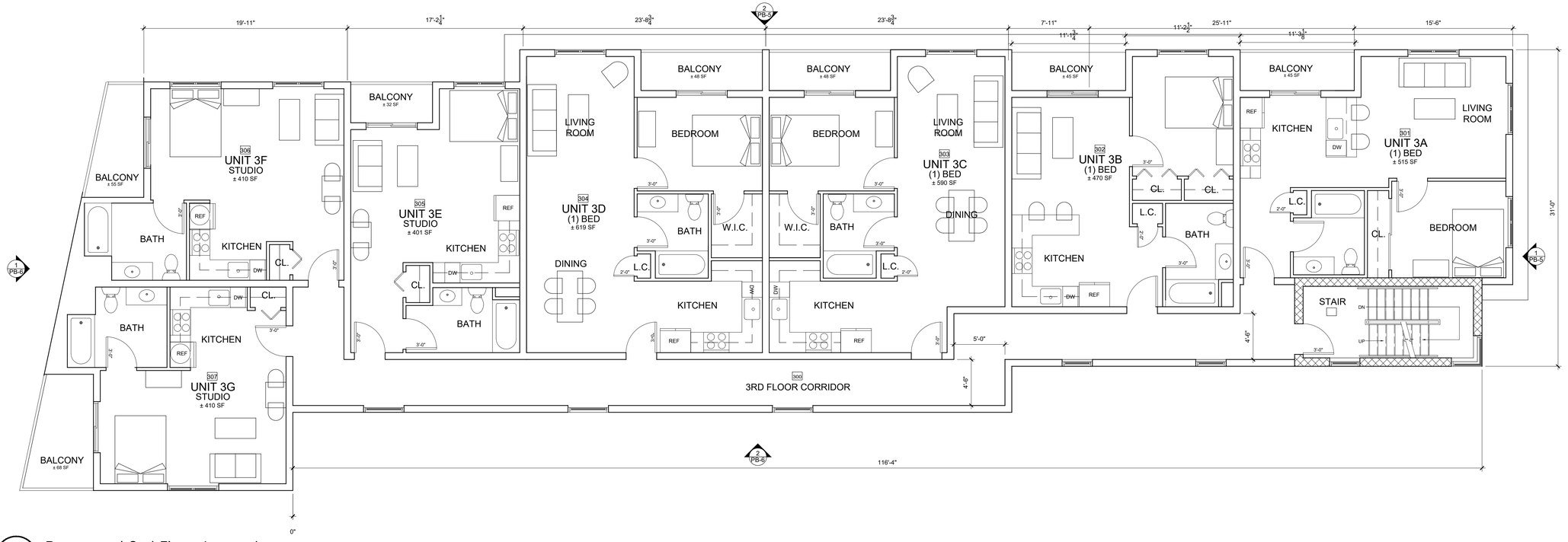
PB-2

Basement & 1st Fl. Plans



1 PB-3 Proposed 2nd Floor Layout

Scale: 3/16" = 1'-0"



2 PB-3 Proposed 3rd Layout

Scale: 3/16" = 1'-0"

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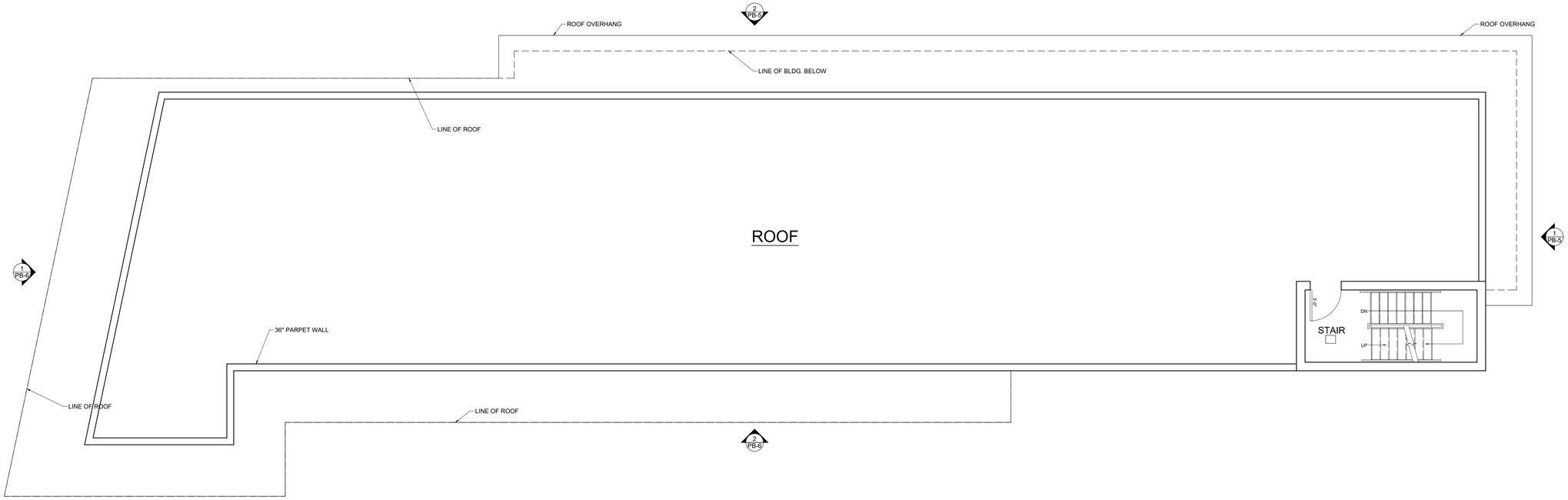
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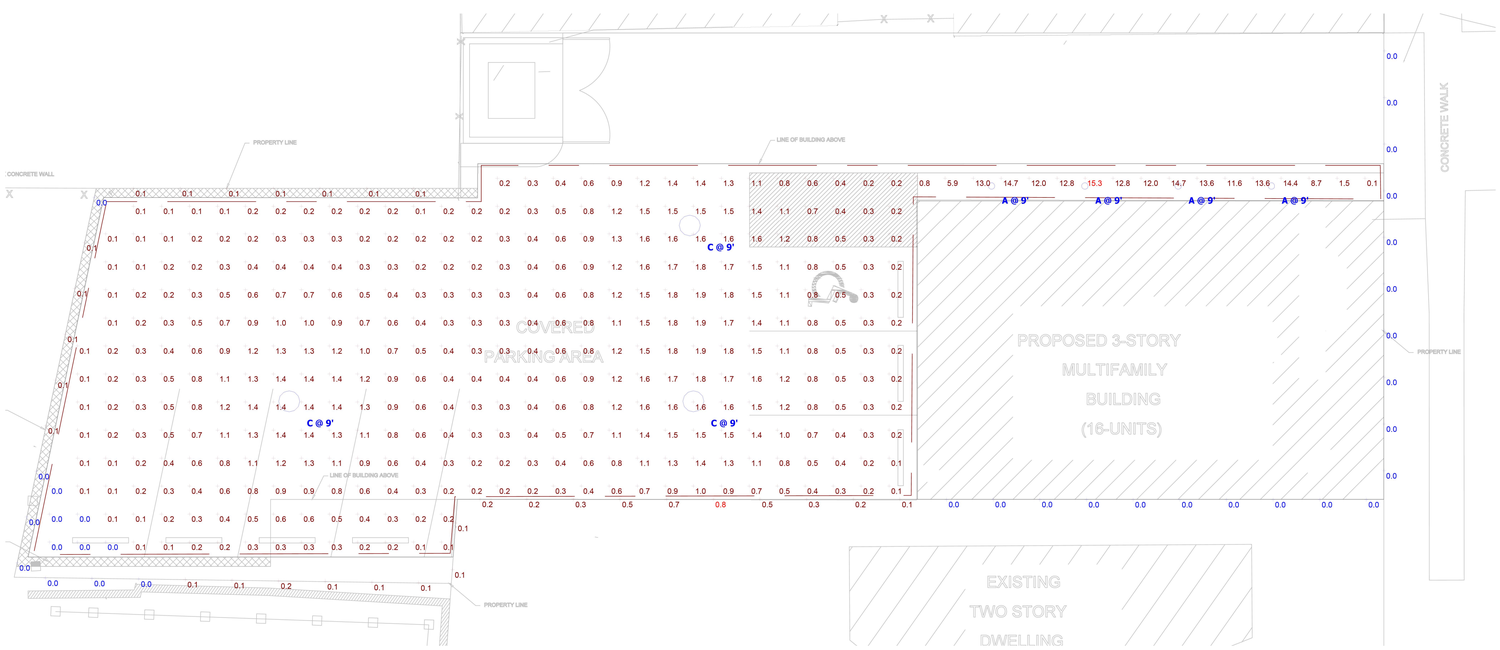
PB-3

2nd & 3rd Floor Plans



1 PB-4 Proposed Roof Plan

Scale: 3/16" = 1'-0"



Schedule

Symbol	Label	QTY	Manufacturer	Catalog	Description	Lamp Output	LLF	Input Power
	A	4	Lithonia Lighting	LBR4 ALO1 (1000LM) SWW1 (3000K) AR LSS MWD 80CRI	4IN LBR Retrofit 1000LM 3000K Clear Semi-Specular Medium Wide 80CRI	1218	0.95	12.9
	C	3	Lithonia Lighting	VCPG LED V4 P1 30K 80CRI T5M MVOLT SRM NLTAIR2 PIR DWHXD	VCPG LED WITH -1 PERFORMANCE PACKAGE, 3000K, T5M OPTIC, HS, PROGRAMMED SENSOR	832	0.95	10

Statistics

Description	Symbol	Avg	Max	Min
Calc Zone #2	+	1.1 fc	15.3 fc	0.0 fc
Property Line	+	0.1 fc	0.8 fc	0.0 fc

2 PB-4 Proposed Lighting Plan

Scale: N.T.S.

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N REFERENCE

South Clinton Multi-Family New Construction

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S.B.L.: 6161-22-235997
8 South Clinton Street
Poughkeepsie, New York 12601

For Planning Board Review & Approval

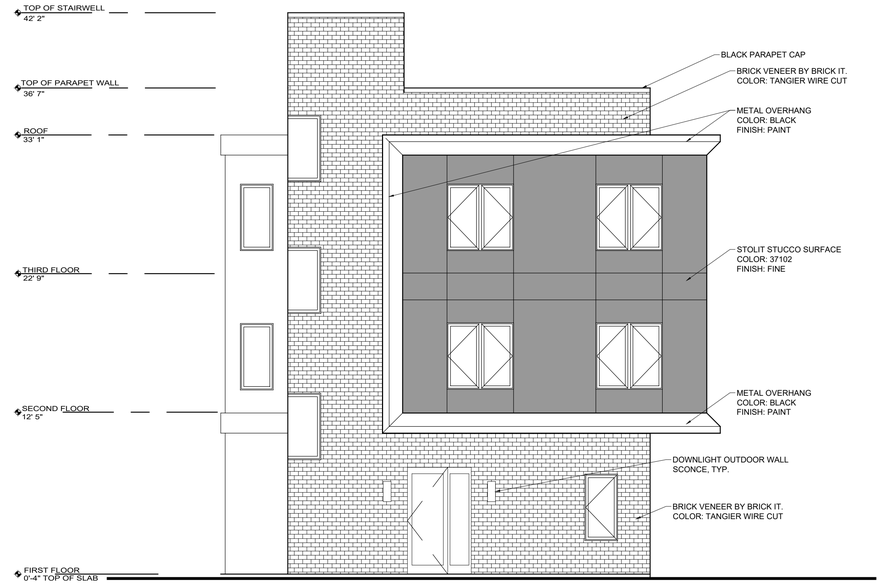
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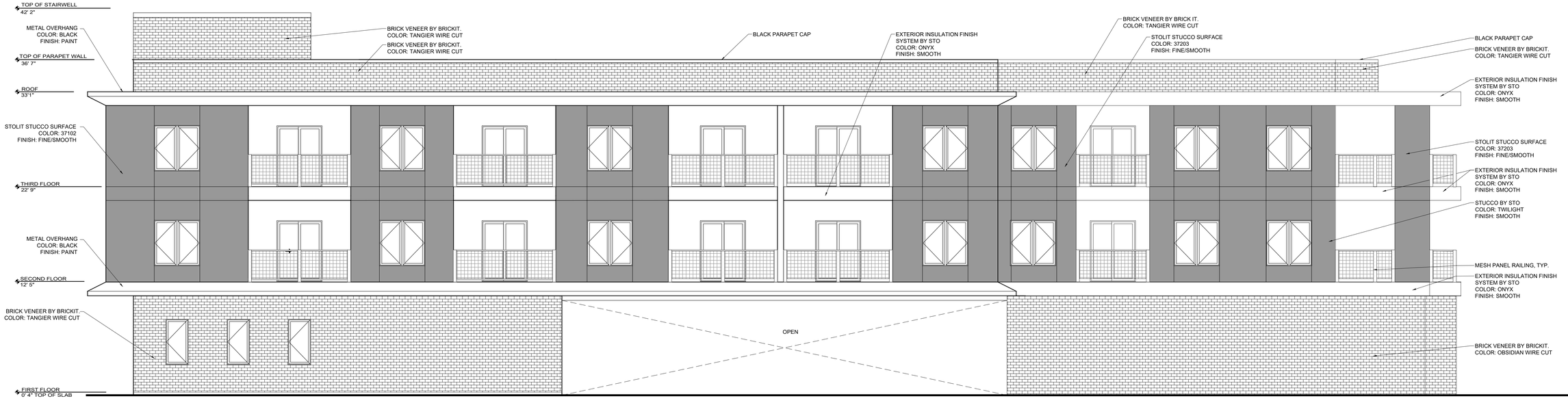
PB-4

Roof & Lighting Plans



1 PB-5 Proposed Front Elevation (East)

Scale: 3/16" = 1'-0"



2 PB-5 Proposed Right-Side Elevation (North)

Scale: 3/16" = 1'-0"

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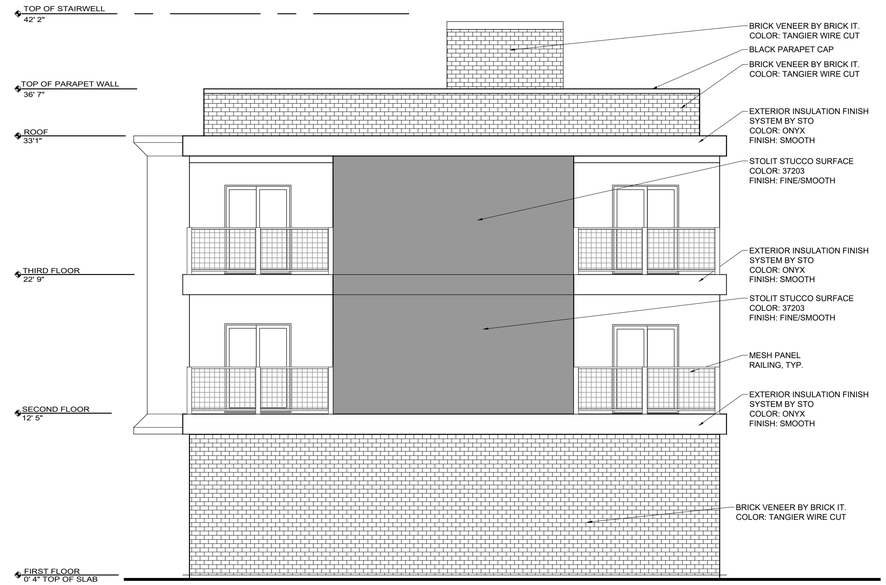
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PB-5

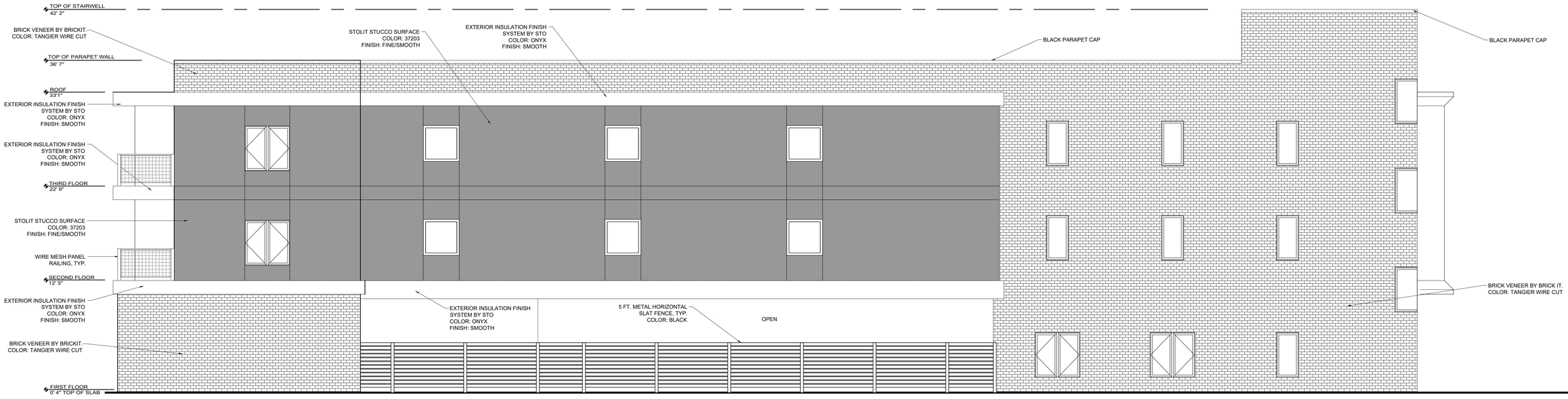
Elevations



2 PB-6

Proposed Rear Elevation (West)

Scale: 3/16" = 1'-0"



2 PB-6

Proposed Left-Side Elevation (South)

Scale: 3/16" = 1'-0"

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03.11.2025

Drawn By: JL/HP

PB-6

Elevations



1 PB-7 Proposed Rendering of Southeast Corner

Scale: N.T.S.



2 PB-7 Proposed Rendering of North Elevation

Scale: N.T.S.



3 PB-7 Rendering from Northeast Corner

Scale: N.T.S.

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PB-7

Renderings

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project:		
Project Location (describe, and attach a general location map): 8 South Clinton Street, Poughkeepsie, NY 12601		
Brief Description of Proposed Action (include purpose or need): New construction of a three story multifamily building.		
Name of Applicant/Sponsor: Jason Lichwick Architecture PLLC	Telephone: 845-284-6344 E-Mail: jason@JLArchitectureny.com	
Address: 387 Hooker Avenue, Suite 5		
City/PO: Poughkeepsie	State: New York	Zip Code: 12603
Project Contact (if not same as sponsor; give name and title/role): Jason Lichwick, Architect	Telephone: E-Mail:	
Address: Same as Applicant		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor): South Clinton Equities LLC	Telephone: 917-642-0410 E-Mail: shragy@ccofny.com	
Address: 8 South Clinton Street		
City/PO: Poughkeepsie	State: New York	Zip Code:12601

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)		
Government Entity	**If Yes: Identify Agency and Approval(s) Required**	**Application Date (Actual or projected)**
a. City Counsel, Town Board, or Village Board of Trustees ☐Yes ☑No		
b. City, Town or Village Planning Board or Commission ☑Yes ☐No	City of Poughkeepsie Planning Board	10/2024
c. City, Town or Village Zoning Board of Appeals ☑Yes ☐No	City of Poughkeepsie Zoning Board of Appeals	7/2024
d. Other local agencies ☐Yes ☑No		
e. County agencies ☐Yes ☑No		
f. Regional agencies ☐Yes ☑No		
g. State agencies ☐Yes ☑No		
h. Federal agencies ☐Yes ☑No		

i. Coastal Resources.
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes ☑No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐Yes ☑No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes ☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes ☑No

- **If Yes,** complete sections C, F and G.
- **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☐Yes ☑No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐Yes ☐No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☐Yes ☑No

If Yes, identify the plan(s):

_____

_____

_____

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes ☑No

If Yes, identify the plan(s):

_____

_____

_____

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
C-2

b. Is the use permitted or allowed by a special or conditional use permit? ☑ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i. What is the proposed new zoning for the site?

C.4. Existing community services.

a. In what school district is the project site located? City of Poughkeepsie

b. What police or other public protection forces serve the project site?
City of Poughkeepsie

c. Which fire protection and emergency medical services serve the project site?
City of Poughkeepsie

d. What parks serve the project site?
Reservoir Square Park

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Commercial and residential

b. a. Total acreage of the site of the proposed action? 0.155 acres
b. Total acreage to be physically disturbed? 0.155 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 0.155 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
ii. Is a cluster/conservation layout proposed? ☐ Yes ☐ No
iii. Number of lots proposed? _____
iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: 18 months
ii. If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:

f. Does the project include new residential uses? ☑ Yes ☐ No

If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase				14
At completion of all phases				14

g. Does the proposed action include new non-residential construction (including expansions)? ☑ Yes ☐ No

If Yes,

i. Total number of structures 1

ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length

iii. Approximate extent of building space to be heated or cooled: 1,152 square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐ Yes ☑ No

If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify:

iii. If other than water, identify the type of impounded/contained liquids and their source.

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) ☑ Yes ☐ No

If Yes:

i. What is the purpose of the excavation or dredging? Foundation

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

iv. Will there be onsite dewatering or processing of excavated materials? ☐ Yes ☑ No

If yes, describe. _____

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? ☐ Yes ☑ No

ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐ Yes ☑ No

If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐Yes ☐No

If Yes, describe:

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐Yes ☐No

If Yes:

- acres of aquatic vegetation proposed to be removed:
- expected acreage of aquatic vegetation remaining after project completion:
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access):
- proposed method of plant removal:
- if chemical/herbicide treatment will be used, specify product(s):

v. Describe any proposed reclamation/mitigation following disturbance:

c. Will the proposed action use, or create a new demand for water? ☑Yes ☐No

If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☑Yes ☐No

If Yes:

- Name of district or service area: City of Poughkeepsie
- Does the existing public water supply have capacity to serve the proposal? ☑Yes ☐No
- Is the project site in the existing district? ☑Yes ☐No
- Is expansion of the district needed? ☐Yes ☑No
- Do existing lines serve the project site? ☑Yes ☐No

iii. Will line extension within an existing district be necessary to supply the project? ☐Yes ☑No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project:
- Source(s) of supply for the district:

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐Yes ☐No

If, Yes:

- Applicant/sponsor for new district:
- Date application submitted or anticipated:
- Proposed source(s) of supply for new district:

v. If a public water supply will not be used, describe plans to provide water supply for the project:

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☑Yes ☐No

If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):

sanitary waste water

iii. Will the proposed action use any existing public wastewater treatment facilities? ☑Yes ☐No

If Yes:

- Name of wastewater treatment plant to be used:
- Name of district:
- Does the existing wastewater treatment plant have capacity to serve the project? ☑Yes ☐No
- Is the project site in the existing district? ☑Yes ☐No
- Is expansion of the district needed? ☐Yes ☑No

- Do existing sewer lines serve the project? ☑Yes ☐No
- Will a line extension within an existing district be necessary to serve the project? ☐Yes ☑No

  If Yes:
  - Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐Yes ☑No

If Yes:
- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☐Yes ☑No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. _____

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? ☐Yes ☐No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☐Yes ☐No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☐Yes ☑No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐Yes ☑No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐Yes ☐No

ii. In addition to emissions as calculated in the application, the project will generate:
- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

_____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

_____

_____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐Weekend

☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

_____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? ☐Yes ☐No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

_____

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☐No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☐Yes ☑No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

_____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):

_____

iii. Will the proposed action require a new, or an upgrade, to an existing substation? ☐Yes ☐No

l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: _____
- Saturday: _____
- Sunday: _____
- Holidays: _____

ii. During Operations:

- Monday - Friday: _____
- Saturday: _____
- Sunday: _____
- Holidays: _____

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☐ Yes ☑ No

If yes:

i. Provide details including sources, time of day and duration:

_____

_____

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☐ No

Describe: _____

_____

n. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

_____

_____

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☑ No

Describe: _____

_____

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☑ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

_____

_____

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally, describe the proposed storage facilities: _____

_____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

i. Describe proposed treatment(s):

_____

_____

_____

_____

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☑ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: _____

_____

- Operation: _____

_____

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: _____

_____

- Operation: _____

_____

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: _____

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☑ Urban ☐ Industrial ☐ Commercial ☐ Residential (suburban) ☐ Rural (non-farm)
☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe: _____

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces			
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? ☐ Yes ☑ No

i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐ Yes ☑ No

If Yes,

i. Identify Facilities:

_____

_____

e. Does the project site contain an existing dam? ☐ Yes ☑ No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

_____

_____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Has the facility been formally closed? ☐ Yes ☐ No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

_____

_____

iii. Describe any development constraints due to the prior solid waste activities: _____

_____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

_____

_____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐ Yes ☑ No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes ☐ No

☐ Yes – Spills Incidents database — Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database — Provide DEC ID number(s): _____

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

_____

_____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☑ Yes ☐ No

If yes, provide DEC ID number(s): B00148, C314126, C314126A, 314122, C314130, C31...

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

_____

_____

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☑ No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐ Yes ☐ No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? N/A feet

b. Are there bedrock outcroppings on the project site? ☐ Yes ☑ No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site: _____ _____%
_____ _____%
_____ _____%

d. What is the average depth to the water table on the project site? Average: _____ feet

e. Drainage status of project site soils: ☐ Well Drained: _____% of site
☐ Moderately Well Drained: _____% of site
☐ Poorly Drained _____% of site

f. Approximate proportion of proposed action site with slopes: ☐ 0-10%: _____% of site
☐ 10-15%: _____% of site
☐ 15% or greater: _____% of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☐ Yes ☑ No

ii. Do any wetlands or other waterbodies adjoin the project site? ☑ Yes ☐ No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑ Yes ☐ No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐ Yes ☑ No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? ☐ Yes ☑ No

j. Is the project site in the 100-year Floodplain? ☐ Yes ☑ No

k. Is the project site in the 500-year Floodplain? ☐ Yes ☑ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☐ Yes ☑ No
If Yes:

i. Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site:
None

n. Does the project site contain a designated significant natural community? ☐Yes ☑No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation):

ii. Source(s) of description or evaluation:

iii. Extent of community/habitat:

- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☐Yes ☑No

If Yes:

i. Species and listing (endangered or threatened):

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐Yes ☑No

If Yes:

i. Species and listing:

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐Yes ☑No

If yes, give a brief description of how the proposed action may affect that use:

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐Yes ☑No

If Yes, provide county plus district name/number:

b. Are agricultural lands consisting of highly productive soils present? ☐Yes ☑No

i. If Yes: acreage(s) on project site?

ii. Source(s) of soil rating(s):

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐Yes ☑No

If Yes:

i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent:

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐Yes ☑No

If Yes:

i. CEA name:

ii. Basis for designation:

iii. Designating agency and date:

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☑ Yes ☐ No

If Yes:

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☐ Historic Building or District

ii. Name: Eligible property:former Trolley Barn, Travis House

iii. Brief description of attributes on which listing is based:

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☑ Yes ☐ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☑ No

If Yes:

i. Describe possible resource(s):

ii. Basis for identification:

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☐ Yes ☑ No

If Yes:

i. Identify resource:

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):

iii. Distance between project and resource: _____ miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

i. Identify the name of the river and its designation:

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

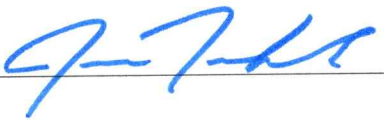
Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

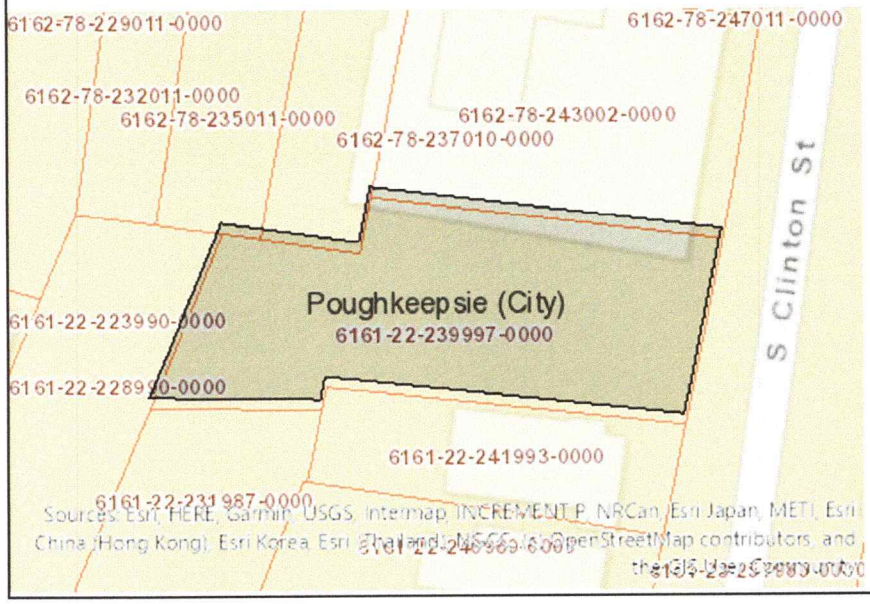
Applicant/Sponsor Name Jason Lichwick Date 02/11/2025

Signature  Title Architect

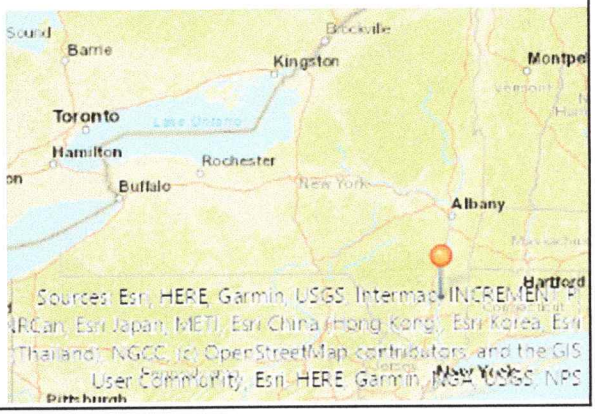
PRINT FORM

EAF Mapper Summary Report

Tuesday, October 22, 2024 10:49 AM



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	B00148, C314126, C314126A, 314122, C314130, C314134
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No

E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	Eligible property:former Trolley Barn, Travis House
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

Agency Use Only [If applicable]

Project : 8 South Clinton

Date : 4/22/25

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency **and** the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "**Yes"** to a numbered question, please complete all the questions that follow in that section.
- If you answer "**No"** to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)
If "Yes", answer questions a - j. If "No", move on to Section 2.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	☐	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☐	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☐	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☐	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☐	☐
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☐	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☐	☐
h. Other impacts: _____ _____		☐	☐

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) ☑ NO ☐ YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____ _____	E2g	□	□
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	□	□
c. Other impacts: _____ _____		□	□

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) ☑ NO ☐ YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	□	□
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	□	□
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	□	□
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	□	□
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	□	□
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	□	□
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	□	□
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	□	□
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	□	□
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	□	□
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	□	□

l. Other impacts: _____ _____		□	□

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)

☑ NO ☐ YES

If "Yes", answer questions a - h. If "No", move on to Section 5.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	□	□
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	□	□
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	□	□
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	□	□
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	□	□
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	□	□
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	□	□
h. Other impacts: _____ _____		□	□

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2)

☑ NO ☐ YES

If "Yes", answer questions a - g. If "No", move on to Section 6.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	□	□
b. The proposed action may result in development within a 100 year floodplain.	E2j	□	□
c. The proposed action may result in development within a 500 year floodplain.	E2k	□	□
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	□	□
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	□	□
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	□	□

g. Other impacts: _____ _____		☐	☐

6. Impacts on Air

The proposed action may include a state regulated air emission source. ☑ NO ☐ YES
(See Part 1. D.2.f., D.2.h, D.2.g)
If "Yes", answer questions a - f. If "No", move on to Section 7.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO_2)	D2g	☐	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☐	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☐	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☐	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☐	☐
vi. 43 tons/year or more of methane	D2h	☐	☐
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	☐	☐
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	☐	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts: _____ _____		☐	☐

7. Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) ☑ NO ☐ YES
If "Yes", answer questions a - j. If "No", move on to Section 8.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	☐	☐
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	☐	☐
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	☐	☐
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	☐	☐

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	□	□
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	□	□
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	□	□
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____ _____	E1b	□	□
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	□	□
j. Other impacts: _____ _____		□	□

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) ☑ NO ☐ YES

If "Yes", answer questions a - h. If "No", move on to Section 9.

	Relevant Part I Question(s)	**No, or small impact may occur**	**Moderate to large impact may occur**
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	□	□
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, Elb	□	□
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	□	□
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	□	□
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	El a, E1b	□	□
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	□	□
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	□	□
h. Other impacts: _____		□	□

9. Impact on Aesthetic Resources

The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)

☑ NO ☐ YES

If "Yes", answer questions a - g. If "No", go to Section 10.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☐	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☐	☐
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	 ☐ ☐	 ☐ ☐
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	 ☐ ☐	 ☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☐	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☐	☐
g. Other impacts: _____ _____		☐	☐

10. Impact on Historic and Archeological Resources

The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)

☐ NO ☑ YES

If "Yes", answer questions a - e. If "No", go to Section 11.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	☑	☐
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	☑	☐
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	☑	☐

d. Other impacts: _____ _____		☐	☐
e. If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	☐	☐
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	☐	☐
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	☐	☐

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan.
(See Part 1. C.2.c, E.1.c., E.2.q.)
If "Yes", answer questions a - e. If "No", go to Section 12.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	□	□
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	□	□
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	□	□
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	□	□
e. Other impacts: _____ _____		□	□

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)
If "Yes", answer questions a - c. If "No", go to Section 13.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	□	□
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	□	□
c. Other impacts: _____ _____		□	□

13. Impact on Transportation

The proposed action may result in a change to existing transportation systems. ☑ NO ☐ YES
(See Part 1. D.2.j)
If "Yes", answer questions a - f. If "No", go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	☐	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☐	☐
c. The proposed action will degrade existing transit access.	D2j	☐	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☐	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☐	☐
f. Other impacts: _____ _____		☐	☐

14. Impact on Energy

The proposed action may cause an increase in the use of any form of energy. ☑ NO ☐ YES
(See Part 1. D.2.k)
If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	☐	☐
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	☐	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☐	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☐	☐
e. Other Impacts: _____ _____			

15. Impact on Noise, Odor, and Light

The proposed action may result in an increase in noise, odors, or outdoor lighting. ☑ NO ☐ YES
(See Part 1. D.2.m., n., and o.)
If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	☐	☐
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	☐	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☐	☐

d. The proposed action may result in light shining onto adjoining properties.	D2n	☐	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☐	☐
f. Other impacts: _____ _____		☐	☐

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) ☑ NO ☐ YES

If "Yes", answer questions a - m. If "No", go to Section 17.

	Relevant Part I Question(s)	No,or small impact may cccur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	☐	☐
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	☐	☐
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	☐	☐
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	☐	☐
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	☐	☐
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	☐	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☐	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☐	☐
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☐	☐
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	☐	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☐	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☐	☐
m. Other impacts: _____ _____			

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. ☐ NO ☑ YES
(See Part 1. C.1, C.2. and C.3.)
If "Yes", answer questions a - h. If "No", go to Section 18.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	☑	☐
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	☑	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☑	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☑	☐
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, Elb	☑	☐
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	☑	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☑	☐
h. Other: _____ _____		☐	☐

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. ☑ NO ☐ YES
(See Part 1. C.2, C.3, D.2, E.3)
If "Yes", answer questions a - g. If "No", proceed to Part 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	☐	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☐	☐
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	☐	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☐	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☐	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☐	☐
g. Other impacts: _____ _____		☐	☐

PRINT FULL FORM

Full Environmental Assessment Form
Part 3 - Evaluation of the Magnitude and Importance of Project Impacts
and
Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:
To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

10A. The proposed action is within the vicinity of the historic Travis House and the historic former Trolley Barn. No properties on the State or National Register of Historic Places are on or contiguous to the site of the proposed action. To add a degree of continuity with the historic elements of the surrounding neighborhood, the proposed action is to include a partial brick facade. A 5ft setback from the southern property line is proposed for the frontal 47 feet of the building in order to preserve sight lines of the locally historic property to the action's south. A small impact is anticipated.

17. The proposed action would require nine area variances, regarding the quantity of outdoor activity space, side yard setbacks, parking setbacks, quantity of off street parking, bicycle parking, length of parking spaces, and landscaping. No use variances from the existing zoning code are necessary for this action to move forward as proposed. The proposed use is comparable in scale and size to surrounding land uses. The proposed action is a 3 story multifamily development surrounded by 3 story, 2 & 1/2 story and 2 story structures. Nearby uses include commercial, multi-family structures and single and two-family residential structures. Nearby properties have similar front and side yard setbacks to the proposed property. The Poughkeepsie Innovation District - B in which the proposed action is located, according to section 19-3.4(1) "includes a mix of multi unit residential development." Which is a description in line with the proposed action. A is small impact is anticipated.

18. The proposed action is to be built on a vacant lot, and no existing buildings are proposed to be demolished as part of this action. The proposed action is a multi family residential structure in a neighborhood containing mixed used properties, multifamily residential structures and single family residential structures, meaning that the proposed land use is similar to others in the vicinity. The proposed action little to no side and front yard setbacks, which is similar to other properties in its vicinity. The proposed action's use of brick will create an architectural consistency between itself and other brick facades in the neighborhood. Little to no impact is anticipated.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☐ Type 1 ☑ Unlisted

Identify portions of EAF completed for this Project: ☑ Part 1 ☑ Part 2 ☑ Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the City of Poughkeepsie Planning Board as lead agency that:

☑ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

☐ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: 8 South Clinton

Name of Lead Agency: City of Poughkeepsie Planning Board

Name of Responsible Officer in Lead Agency: Anne Saylor

Title of Responsible Officer: Chair

Signature of Responsible Officer in Lead Agency: Date:

Signature of Preparer (if different from Responsible Officer) Date:

For Further Information:

Contact Person: Tyler Maegerle

Address: 62 Civic Center Plaza, Poughkeepsie, NY 12601

Telephone Number: 8454514041

E-mail: tmaegerle@cityofpoughkeepsie.com

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)
Other involved agencies (if any)
Applicant (if any)
Environmental Notice Bulletin: http://www.dec.ny.gov/enb/enb.html

PRINT FULL FORM

Judith Knauss

From: Judith Knauss
Sent: Friday, February 14, 2025 12:01 PM
To: Jason Lichwick
Cc: Tyler Maegerle; Lori Garcia; Richard Distel; Joseph O'Brien
Subject: "8" South Clinton Street
Attachments: 3346_001.pdf

Dear Mr. Lichwick:

The Development Department is in receipt of your revised application and plans for the construction of a three story multiple dwelling containing 16 dwelling units on the vacant parcel on South Clinton Street, Parcel #6161-22-239997, also known as 8 South Clinton Street.

Please be advised that these materials have been reviewed for compliance with the provisions of the Zoning Ordinance, and the following deficiencies were noted to exist:

1) Section 19-3.4(2)(d) requires that 677 square feet of lot area be provided for "outdoor activity space" (10% of the total lot area). On the bulk table, 730 square feet is claimed, but nowhere on the plans it is identified. In the cover letter accompanying the plan, it appears that the balconies are being counted towards this requirement;
2) Section 19-3.4(2)(g) requires that off-street parking be setback a minimum of 20 feet from any side yard lot line: the parking is set back 0-3 feet from the south side property line and less than 1 foot from the north side property line;
3) Section 19-3.4(2)(h) requires that off-street parking be setback a minimum of 20 feet from any rear yard lot line: the parking area appears to be less than 1 foot from the west rear lot line;
4) Section 19-3.4(3)(c) requires a side yard building setback of 15 feet when abutting a residential lot line: the building has no set-back on the south property line where it abuts a residential property;
5) Section 19-6.2(10)(a) requires that a minimum of two bicycle parking spaces be provided: no bicycle parking is identified;
6) Section 19-6.2(12)(b) requires that a minimum of 14 off-street parking spaces be provided: only seven spaces are provided on site (a waiver for six spaces is being requested of the Planning Board: this needs to be revised to seven). Please note that it is possible, pursuant to the provisions of Section 19-6.2(8) to secure a waiver by paying a fee in lieu of parking, at the rate of $1000 per space, or, in this instance, $7000;
7) Section 19-6.2(1)(f) requires that each parking space be a minimum of 9' wide by 20' long: the parking spaces scale out at 17 feet in length;
8) Section 19-6.2(4)(a) requires that where a parking area for more than three vehicles abuts a residential property, it shall be screened from view by landscaping, opaque fence or wall as approved by the Planning Board: it is not clear what is proposed along the south property line where the project abuts two residential properties; and,
9) Section 19-6.2(4)(b) requires that where a parking area for more than three vehicles faces a street or property line, a planting area a minimum of three feet wide and three feet high planted three feet on center be provided between the parking area and the property line: no planting strip is proposed on the south property line.

Therefore, the application is hereby denied. You may, within sixty (60) days of the date of this communication, either:

1) Revise the plan to reflect compliance; or,

2) Make application to the Zoning Board of Appeals requesting that variances be granted.

Please be advised that should you request variances, the fee from your previously submitted application may be transferred to the new application.

Further, notes relative to "Required Space in Dwelling Units" and "Max Travel Distance" do not appear relevant to the Zoning Ordinance, but, rather, to the New York State Uniform Fire Prevention and Building Code. While these issues are critical to review by the Building Department, Fire Department and Engineering Department, they are not germane to Planning Board review, and as they are presented with no identifying code and/or section numbers on the Bulk Table, issues may be unnecessarily conflated.

Additionally, attached please find a site plan check sheet identifying items that need to be addressed.

Please feel free to contact us if you have any questions in this regard.

Very truly yours,
Judith Knauss
Deputy Zoning Administrator

CITY OF POUGHKEEPSIE POLICE DEPARTMENT

SITE PLAN REVIEW

DATE: 04/04/2025

PROJECT NAME: 8 South Clinton Street

PROJECT ADDRESS: 8 South Clinton Street

☐ **THE SITE PLAN IS ACCEPTABLE AND WILL BE SIGNED WITH NO CONDITIONS**

☒ **THE SITE PLAN IS UNACCEPTABLE.**

CONDITIONS:
I understand they are requesting a parking waiver based on the municipal lot at Little Smith Street. However, this lot is also adjacent to 455 Main Street which is a multi-unit building with minimal parking left. My concern is the lack of parking in that area with an additional 16 unit building proposal.

APR - 4 2025

RECEIVED

APPROVED BY Captain John Zeltmann:	DATE:
Capt. J. Zeltmann	04/04/2025

APPLICATION TO THE PLANNING BOARD
CITY OF POUGHKEEPSIE, NEW YORK

Application for Site Plan, Special Permit & Facade Approval

OFFICE USE ONLY
CODE: PLSF
ID #_____
FEE: _____
Total, from:
$500, plus
$_____
($150 per 1000 square feet of floor area), plus
$_____
($35 per number of required parking spaces), plus
$_____
($500 for special permit, if applicable)

I. **PROPERTY ADDRESS:** 102 College Ave Poughkeepsie, NY 12603

II. **PROPERTY OWNER:** John Apa
ADDRESS: 102 College Ave Poughkeepsie
NY 12603 (state and zip code)
PHONE NUMBER: (845) 559-5185 (include area code)

III. **NAME OF APPLICANT:** John Apa
ADDRESS: 102 College Ave
Poughkeepsie
NY 12603 (state and zip code)
PHONE NUMBER: (845) 559-5185 (include area code)
EMAIL ADDRESS: john200567@yahoo.com

(If applicant is NOT the owner, proof of owner's consent to the application MUST be provided.)

IV. **CONSULTANT:** MAZZARELLI ARCHITECTURE + PLANNING, PC
ADDRESS: 44 N CLOVER ST
POUGHKEEPSIE
NY 12601 (state and zip code)
PHONE NUMBER: 845-485-0275 (include area code)

V. **PROPOSED USE or FAÇADE CHANGE** (Summarize proposed use or uses): SUB-DIVIDE EXIST LOT INTO 2 LOTS, 1 SINGLE FAM LOT + 1 MULTI-FAMILY LOT

VI. **ZONING DISTRICT:** RMA

(Proceed to XVII for special permit & façade approval only)

PROJECT INFORMATION

New construction: _____(yes) X (no)

Change of use: _____(yes) X (no)

Expansion/addition: _____(yes) X (no)

Alteration: _____(yes) X (no)

Cost of Construction: $ N/A

LOT AND BULK INFORMATION: EXIST / PROPOSED

Lot area: .46 (acres) 19,760 (square feet) / .30 AC 13,000 SF

Building Footprint: N/A (proposed square feet for new construction)

N/A (existing square feet for change of use/expansion)

N/A (additional proposed square feet for expansion)

±1,500 (total building footprint, square feet)

Lot Coverage: ±11% (percentage, building coverage only) / ±16%

Gross Floor Area: N/A (proposed square feet for new construction)

N/A (existing square feet for change of use/expansion)

N/A (additional proposed square feet for expansion)

(FROM PARCEL ACCESS) ±3,584 (total gross floor area, square feet)

Building Height: 2½ (stories) _____(feet)

Floor Area Ratio: ±.18 (ratio of gross floor area divided by lot area) / ±.28

VIII. PROJECT PARKING INFORMATION

A) Number of Off-Street Parking Spaces required: 4

B) Number of Off-Street Parking Spaces provided: 4

C) Waiver Requested: _____(Yes) X (No)

Is municipal parking available within 600 feet? _____(Yes) _____(No)

If yes, name all such municipal facilities: _____

_____

_____

(If a waiver is requested based on proximity to municipal facilities, a written request for such waiver, addressed to the City Planning Staff and the Chairman of the Planning Board, must be submitted with the application.)

If a private parking facility is to be utilized, is such facility within 600 feet?

_____ (Yes) (No)

If yes, provide the address of the facility, name of the property owner, number of spaces in the lot, number of spaces available for lease, and length of lease. Attach copy of lease. Additional information may be required by the Planning Board):

_____

_____

_____

_____

IX. RESIDENTIAL PROPOSALS

A) Type of Development: EXIST MULTIPLE FAMILY
(Townhouse, condominium, multiple residence rental, etc.)

B) Unit Breakdown:

Number of efficiency or "studio" units: _____

Number of one (1) bedroom units: 2

Number of two (2) bedroom unit's _____

Number with three or more bedrooms: 1

Total number of units: 3

C) Is funding public?____Yes_X_No

If yes, describe funding source: _____

X. OFFICE PROPOSALS (____Medical/Dental____Professional____Business) N/A

A) Number of Employees: _____

B) Number of doctors/dentists/medical practitioners: _____

C) Days/Hours of Operation: _____

XI. SERVICE BUSINESS PROPOSALS N/A

A) Specify Business: _____
(e.g., laundromat, drycleaner, beauty parlor, travel agency, banks)

B) Number of Employees: _____

C) Number of Washing Machines (for laundromat): _____

D) Days/Hours of Operation: _____

XII. MERCANTILE PROPOSALS (Retail_____Wholesale_____) N/A

A) Type of Mercantile (specify): _____

B) Number of Employees: _____

C) Days/Hours of Operation: _____

XIII. STANDARD RESTAURANT/FAST FOOD RESTAURANT/COFFEE SHOP/DONUT SHOP/NIGHTCLUB/DISCOTHEQUE/BAR PROPOSALS N/A

A) Specify Use: _____

B) Number of seats (excluding bar stools and outdoor seating):_____

C) Meals served (i.e., breakfast, lunch, dinner): _____

D) Type of Menu: _____

E) Days/Hours of Operation: _____

F) Entertainment (live and/or recorded):_____

G) Will the restaurant contain a bar/lounge?: _____Yes_____No

H) If yes, how many seats at the bar? _____

I) Is a drive-through window proposed? _____

J) Is a walk-up window proposed? _____

K) Is an outdoor seating area proposed? _____

L) If yes, how many seats are proposed? _____

M) If yes, is outdoor cooking proposed? _____

XIV. INDUSTRIAL/COMMERCIAL PROPOSALS (Automobile repair, taxi, motor vehicle sales, warehouse, manufacturing, animal hospital, research facilities, etc.) N/A

A) Specify Use: _____

B) Number of shifts (if any): _____

C) Number of employees: _____
(If shifts are proposed, list number of employees per shift)

E) Number of work bays (if automobile repair): _____

F) Days/Hours of operation: _____

XV. EDUCATIONAL/INSTITUTIONAL/RECREATIONAL PROPOSALS (e.g., Museums, Theatres, Conference Centers, Hotels, Motels, Hospitals, Nursing Homes, Assisted Living Facilities, Nursery Schools, Private Schools, Day Care Centers, Places of Worship, Marinas, Membership Clubs, etc.)

A) Specify: N/A

B) Number of shifts (if any): _____

C) Number of employees: _____
(If shifts are proposed, list number of employees per shift)

D) Number of beds (hospitals, nursing homes, etc): _____

E) Number of seats in largest assembly space: _____

F) Number of classrooms (schools): _____

G) Number of rental units (hotels, motels, etc.) _____

H) Number of boat slips/courts (e.g., tennis, handball, etc.), alleys: _____

I) Days/Hours of Operation: _____

XVI. PROPOSALS NOT MENTIONED ABOVE (Please be specific): N/A

XVII. APPLICANT CERTIFICATION

I, JOHN APA, certify that the this application has addressed the objectives outlined in the Zoning Ordinance with consideration given to the public health, safety and welfare; the comfort and convenience of the public in general or the residents or users of the proposed development and of the immediate neighborhood.

The applicant certifies that all information contained herein is accurate and complete as of the date of this application.

Signature of Applicant

15 JAN 25
Date

MAZZARELLI ARCHITECTURE + PLANNING, PC
44 NORTH CLOVER STREET
POUGHKEEPSIE, NY 12601
845 485 0275 V
845 485 2601 F

City Of Poughkeepsie
62 Civic Center Plaza
2nd Floor
Poughkeepsie, NY 12601

15 January 2025

Re: 102 College Ave

JOB #24-10

To Planning Board members:

The attached submission is for a 2 lot subdivision. Sub-dividing an exist .45 acre lot w/ an existing non-conforming multi-family house within the RNA district.

Lot #1 will contain the existing non-conforming multi-family house. The existing house contains (2) 1 bedroom units & (1) 3 bedroom unit. The gravel drive will be removed and a new paved driveway expanded to meet the parking requirements for the multi-family use & landscaping will be installed as indicated on the submitted drawings.

Lot #2 will eventually contain a new residence to be designed at a later date.

Thank you for your time and attention in this matter. Please do not hesitate to contact me if you have any questions, comments or concerns.

Sincerely,

Steven Bernabé Jr.

Steven Bernabé Jr
2410-COVER LTR-15JAN25.DOC

ZONING DATA CHART

PARCEL #6161-41-602631		EXIST LOT		LOT #1			LOT #2	
ZONE RNA RESIDENTIAL NEIGHBORHOOD A		REQ'D/ALLOW	EXIST	REQ'D/ALLOW	PROPOSED		REQ'D/ALLOW	PROPOSED
LOT AREA	MIN	6,000 SF	19,760 SF	MIN 10,000 SF	13,000 SF	MIN	6,000 SF	6,760 SF
LOT WIDTH	MIN	50'	104.00' #190.00'	MIN 30'	104' # 125'	MIN	30'	65.00'
LOT COVERAGE	MAX	60%	< 60%	MAX 60%	< 60%	MAX	60%	≤ 60%
FRONT YARD SETBACK	MIN	20'	±35'-0" # ±15'-3"	MIN 20'	±35'-0" # ±15'-3"	MIN	20'	≥ 20'
FRONT YARD SETBACK, ACCESSORY STRUCTURE	MIN	6'	±42'-8" # ±42'-3"	MIN 6'	±42'-8" # ±42'-3"	MIN	———	———
SIDE YARD SETBACKS	MIN	10'	±4'-3"	MIN 10'	±29'-3"	MIN	10'	≥ 10'
SIDE YARD SETBACKS, ACCESSORY STRUCTURE	MIN	6'	±18'-6"	MIN 6'	±13'-6"	MIN	———	———
REAR YARD SETBACK	MIN	15.60'	±50'-6"	MIN 15.60'	±50'-6"	MIN	15.60'	≥ 15.60'
REAR YARD SETBACK, ACCESSORY STRUCTURE	MIN	6'	±1'-0" *	MIN 6'	±1'-0" *	MIN	———	———
BLDG HGT (LESSER OF)	MAX	2 1/2 STORIES OR 35'	2 1/2 STORIES	MAX 2 1/2 STORIES OR 35'	2 1/2 STORIES	MAX	2 1/2 STORIES OR 35'	≤ 2 1/2 STORIES OR 35'

* PRE-EXIST NON-CONFORMING

OWNER'S CERTIFICATION

I / WE THE UNDERSIGNED OWNER / OFFICER OF THE PROPERTY SHOWN HEREON, HEREBY CERTIFY THAT I / WE ARE FAMILIAR W/ THIS MAP, IT'S CONTENTS & IT'S LEGENDS & HEREBY AGREE TO THE TERMS & CONDITIONS AS STATED HEREON. I / WE THE UNDERSIGNED OWNER / OFFICER OF THE PROPERTY HEREBY CERTIFY THAT I / WE ARE FINANCIALLY CAPABLE OF COMPLETING THIS PROJECT

JOHN APA — OWNER

PRINT NAME — TITLE

SIGNATURE — DATE

JOHN APA
102 COLLEGE AVE
POUGHKEEPSIE, NY 12603

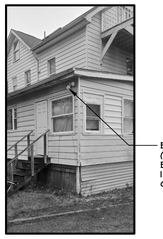
FUTURE DRAWINGS FOR LOT #2 DEVELOPMENT SHALL BE PROVIDED PRIOR TO COMMENCEMENT OF WORK

PARKING REQUIREMENTS

USE	REQ'MTS	UNITS	EXIST SPACES	PROPOSED SPACES
MULTI-FAMILY DWELLING (LOT #1)	1 1/4 SPACES/ DWELLING UNIT	(3) UNITS	6	4

LEGEND

UP	UTILITY POLE
	EXIST CONC CURB
GV	EXIST GAS VALVE
WV	EXIST WATER VALVE
	EXIST FIRE HYDRANT
N/F	NOW OR FORMERLY
	CHAINLINK FENCE
G	GAS MAIN
W	WATER MAIN
SAN	SANITARY SEWER MAIN
S	STORM SEWER MAIN



EXIST FLOOD LIGHTS, (2) 120W HALOGEN BULBS, MOUNTED @ 11'-0" ABOVE FIN GRADE

3 S-1 EXIST SITE LIGHTING

SCALE: NTS

CITY OF POUGHKEEPSIE SITE PLAN CHECK LIST

(a) LEGAL DATA:
1. OWNER OF RECORD: JOHN APA, 102 COLLEGE AVE, POUGHKEEPSIE, NY 12603

(b) NATURAL FEATURES:
2. THERE ARE NO AREAS SUBJECT TO FLOODING OR STORM WATER OVERFLOWS.
4. THERE ARE NO SCENIC VIEWS.

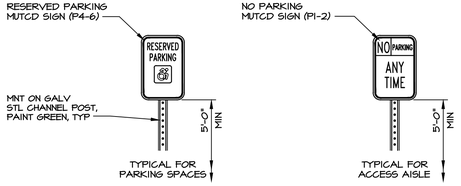
(c) EXISTING STRUCTURES & UTILITIES:
8. THERE ARE NO KNOWN EXISTING OR PROPOSED EASEMENTS, SETBACKS, RESERVATIONS & AREAS DEDICATED TO PUBLIC USE W/I OR ADJACENT TO THE PROPERTY.
9. THERE ARE NO KNOWN EXISTING DEED RESTRICTIONS OR COVENANTS APPLYING TO THE PROPERTY.

(d) PROPOSED DEVELOPMENT:
3. THERE IS NO PROPOSED OUTDOOR LIGHTING OR PUBLIC ADDRESS SYSTEMS. SEE SITE PLAN FOR EXIST FLOOD LIGHT LOCATION. SAME IS MOTION OPERATED & REMAINS ON FOR 5 MINUTE INCREMENTS
4. THERE ARE NO PROPOSED OUTDOOR SIGNS.
8. THERE ARE NO FIRE ALARM BOXES &/OR CONNECTIONS TO THE CITY FIRE ALARM SYSTEM.
9. THERE ARE NO PROPOSED EASEMENTS, DEED RESTRICTIONS OR COVENANTS & NO AREAS TO BE DEDICATED TO A PUBLIC AGENCY.
10. THERE ARE NO CONTEMPLATED PUBLIC IMPROVEMENTS ON OR ADJOINING THE PROPERTY.
12. THERE ARE NO PROPOSED PRINCIPAL OR ACCESSORY STRUCTURES.
13. THE SITE PLAN HAS NOT CONSIDERED ENERGY CONSUMPTION IN THE SITING & LAYOUT OF BUILDINGS & IN PROPOSED BUILDING SERVICES.
14. THIS IS A SINGLE STAGE PROJECT.
15. EXISTING TREES ARE TO BE RETAINED, SAME ARE OUTSIDE OF WORK AREA.



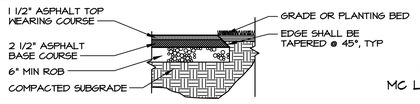
4 S-1 PLANTING DETAIL

SCALE: NTS



5 S-1 H/C SIGN DETAILS

SCALE: NTS



6 S-1 PAVING/EDGE DETAIL

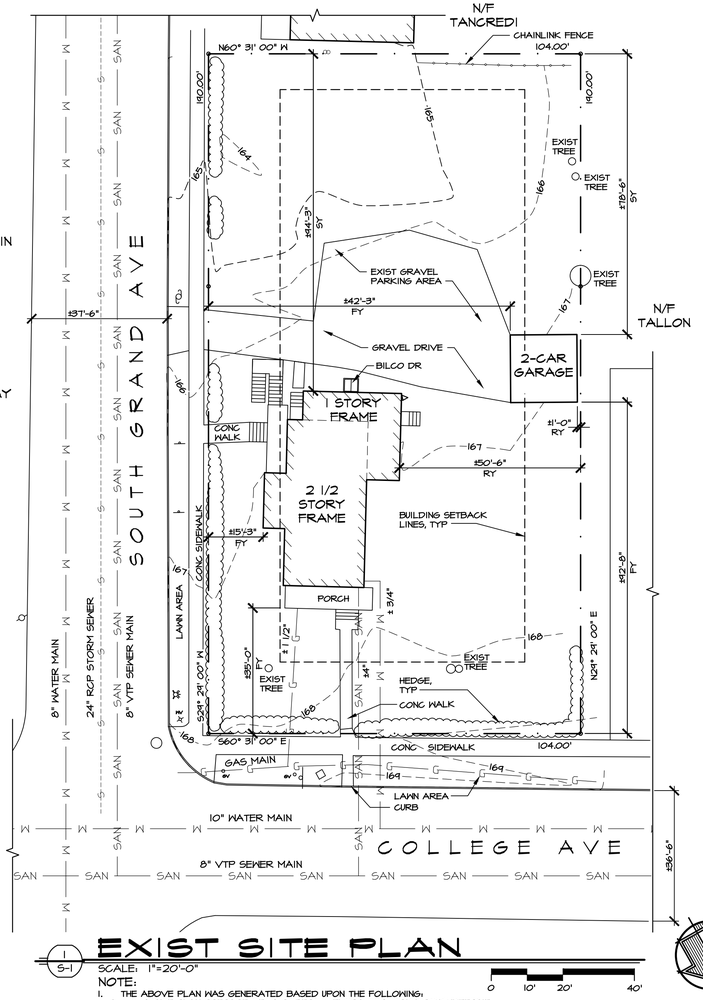
SCALE: 1/2"=1'-0"

0 6" 1' 2' 4'

NORTH VIEW COLLEGE AVE | EAST VIEW S GRAND AVE | WEST VIEW | SOUTH VIEW

7 S-1 EXIST ELEVATIONS

SCALE: NTS

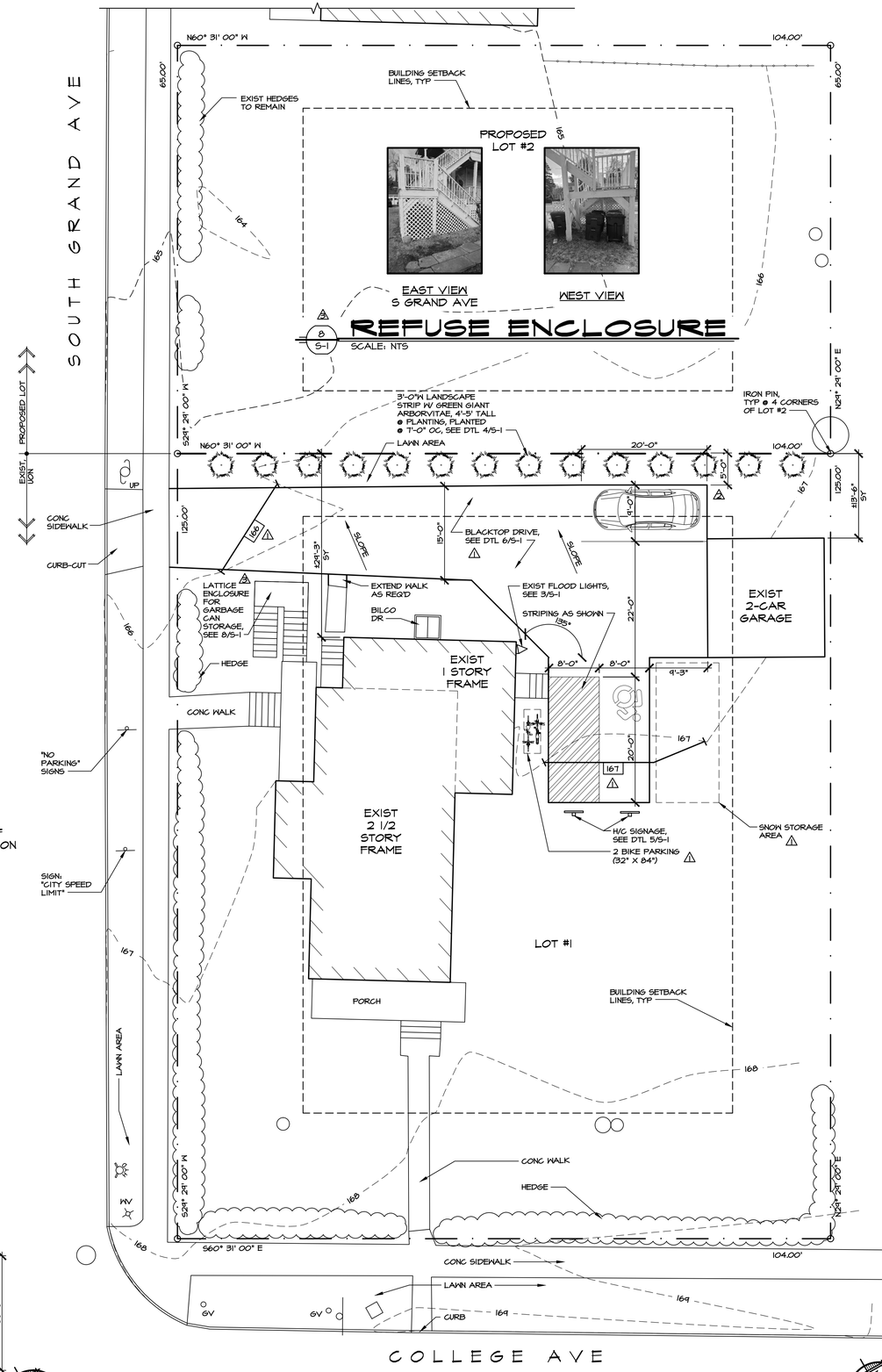


1 S-1 EXIST SITE PLAN

SCALE: 1"=20'-0"

0 10' 20' 40'

NOTE:
1. THE ABOVE PLAN WAS GENERATED BASED UPON THE FOLLOWING:
   A. A SITE PLAN PREPARED FOR ROBERT & FLORA TORTORICI, POUGHKEEPSIE, NY DATED 4 AUG 86 PREPARED BY PETER R. HUSTIS, LLS.



2 S-1 PROPOSED SITE PLAN

SCALE: 1"=10'-0"

0 5' 10' 20'

NOTE:
1. THE ABOVE PLAN WAS GENERATED BASED UPON THE FOLLOWING:
   A. A SITE PLAN PREPARED FOR ROBERT & FLORA TORTORICI, POUGHKEEPSIE, NY DATED 4 AUG 86 PREPARED BY PETER R. HUSTIS, LLS
   B. FIELD NOTES TAKEN DURING A FIELD VISIT BY MAZZARELLI ARCHITECTURE + PLANNING, PC
   C. MINOR SUBDIVISION OF PROPERTY OF JOHN APA, LIBER 2006, PAGE 182, DOCUMENT NO 02-2000-220, SITUATE AT 102 COLLEGE AVE & 77 SOUTH GRAND AVE, CITY OF POUGHKEEPSIE, DUTCHESS COUNTY, NY DATED 24 JUNE 24 PREPARED BY CARNEY RHINEVAULT, LLS

△ 4 FEB 25
△ 15 JAN 25

project no. 24-10

date 18 OCT 24

drawn by SB

SUB-DIVISION OF LANDS FOR:

JOHN APA

102 COLLEGE AVE — POUGHKEEPSIE, NY

SITE PLANS, DETAILS, ELEVATIONS, LEGEND AND ZONING DATA CHART

MAZZARELLI ARCHITECTURE + PLANNING, PC
44 NORTH CLOVER STREET
POUGHKEEPSIE NY 12601
845 485 0215

MAP

PURSUANT TO SECTION 7315 (3) OF THE REGULATIONS OF THE COMMISSIONER OF EDUCATION UNAUTHORIZED ALTERATIONS TO THIS DOCUMENT IS A VIOLATION OF THE LAW.

DISTRIBUTION:
PLANNING BOARD
△ 2 APR 25

S-1

Parcel 593626
Marie Tallon
Doc. 02-2022-52396

rebar set

rebar set

N 29°29'00" E 190.00'

65.00'

125.00'

N 60°31'00" W 104.00'

S 60°31'00" E 104.00'

S 60°31'00" E

104.00'

new lot
77 South Grand Ave.
Area=0.16 Ac.

102 College Ave.
Parcel 602631
John Apa
L.2006 P.220
Former Area=0.45 Ac.
New Area=0.29 Ac.

Parcel 599619
Trevor Tancredi
Doc. 02-2012-1030

new lot line

garage

parking

driveway

cellar entrance

FF=170.4
1 story frame house

2 1/2 story frame house

FF=170.7

porch

FF=170.6

porch

2 story frame house

porch

sidewalk/steps

sidewalk

College Avenue

handhole

GV

GV

rebar set

rebar set

sidewalk

S 29°29'00" W 190.00'

65.00'

125.00'

catch basin
rim 163.61
water level 160.52
inv. 160.15

benchmark
spike in pole
el. 166.76

South Grand Avenue

benchmark
hydrant North nut
el. 170.17

manhole
rim 167.87

20 0 20

SCALE : 1" = 20'

LEGEND

- IRON PIPE/STEEL REBAR
- FIRE HYDRANT
- WV WATER VALVE
- CO CLEAN-OUT
- TREE
- CATCH BASIN
- MANHOLE
- SIGN
- TCB TRAFFIC CONTROL BOX
- TRAFFIC POLE
- UTILITY POLE
- OHW OVERHEAD WIRE
- CHAIN LINK/WIRE FENCE
- BUILDING

GENERAL NOTES:

1. SUBJECT TO ANY AND ALL ENFORCEABLE COVENANTS, CONDITIONS, EASEMENTS, RESTRICTIONS AND AGREEMENT OF RECORD.
2. DIMENSION SHOWN (8.5') IS FROM THE CENTER OF TREE.

MAP REFERENCE:

1. MAP ENTITLED " MAP OF SURVEY FOR ROBERT & FLORA TORTORICI" PREPARED BY PETER R. HUSTIS, L.L.S. DATED AUGUST 4, 1986.

THIS SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH THE CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC

STATE OF NEW YORK
CARNEY RHINEVAULT
No. 49097
LICENSED LAND SURVEYOR

CARNEY RHINEVAULT NYSLS No. 49097

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.

MINOR SUBDIVISION OF PROPERTY OF

JOHN APA

LIBER 2006 PAGE 182
DOCUMENT No. 02-2000-220
SITUATE AT
102 COLLEGE AVE & 77 SOUTH GRAND AVE
CITY OF POUGHKEEPSIE,
DUTCHESS COUNTY, NEW YORK

SURVEYED BY CARNEY RHINEVAULT
6 Main Street
Hyde Park, NY 12538
TEL (845) 229-8225

6/24/24	SCALE: AS SHOWN	PROJ NO. 24-147	SHEET 1 OF 1



FRONT VIEW
COLLEGE AVE

FRONT VIEW
S GRAND AVE

REAR VIEW

SIDE VIEW

EXIST ELEVATIONS

7
S-1

SCALE: NTS

Short Environmental Assessment Form
Part 1 - Project Information

Instructions for Completing

Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 – Project and Sponsor Information

Name of Action or Project:
SUB-DIVISION OF LANDS FOR: JOHN APA

Project Location (describe, and attach a location map):
102 COLLEGE AVE, POUGHKEEPSIE, NY 12603

Brief Description of Proposed Action:
SUB-DIVIDE EXIST LOT CONTAINING A NON-CONFORMING USE (3 FAMILY HOUSE) INTO TWO SEPERATE LOTS.
LOT #1: 13,000 SF LOT CONTAINING 3 FAMILY HOUSE
LOT #2: 6,760 SF LOT TO CONTAIN PROPOSED SINGLE-FAMILY RESIDENCE

Name of Applicant or Sponsor:	Telephone: 845-559-5185
JOHN APA	E-Mail: john200567@yahoo.com

Address:
102 COLLEGE AVE

City/PO:	State:	Zip Code:
POUGHKEEPSIE	NY	12603

	NO	YES
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.	☑	☐
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval:	☑	☐

3. a. Total acreage of the site of the proposed action? .30 acres
   b. Total acreage to be physically disturbed? .05 acres
   c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? .45 acres

4. Check all land uses that occur on, are adjoining or near the proposed action:

5. ☐ Urban ☐ Rural (non-agriculture) ☐ Industrial ☐ Commercial ☑ Residential (suburban)
   ☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other(Specify):
   ☐ Parkland

	NO	YES	N/A
5. Is the proposed action,			
a. A permitted use under the zoning regulations?	☐	☑	☐
b. Consistent with the adopted comprehensive plan?	☐	☑	☐

	NO	YES
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	☐	☑

	NO	YES
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?		
If Yes, identify: _____	☑	☐

	NO	YES
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	☑	☐
b. Are public transportation services available at or near the site of the proposed action?	☐	☑
c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	☐	☑

	NO	YES
9. Does the proposed action meet or exceed the state energy code requirements?		
If the proposed action will exceed requirements, describe design features and technologies:		
N/A	☐	☐

	NO	YES
10. Will the proposed action connect to an existing public/private water supply?		
If No, describe method for providing potable water: _____		
CONNECTION IS EXISTING	☑	☐

	NO	YES
11. Will the proposed action connect to existing wastewater utilities?		
If No, describe method for providing wastewater treatment: _____		
CONNECTION IS EXISTING	☑	☐

	NO	YES
12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places?	☑	☐
b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	☑	☐

	NO	YES
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	☑	☐
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?	☐	☐
If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____		

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:

☐ Shoreline ☐ Forest ☐ Agricultural/grasslands ☐ Early mid-successional

☐ Wetland ☐ Urban ☑ Suburban

	NO	YES
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered? Indiana Bat	☐	☑
16. Is the project site located in the 100-year flood plan?	☑	☐
17. Will the proposed action create storm water discharge, either from point or non-point sources?	☑	☐
If Yes, a. Will storm water discharges flow to adjacent properties?	☑	☐
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?	☑	☐
If Yes, briefly describe:		
18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)? If Yes, explain the purpose and size of the impoundment:	☑	☐
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility? If Yes, describe:	☑	☐
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste? If Yes, describe:	☑	☐

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

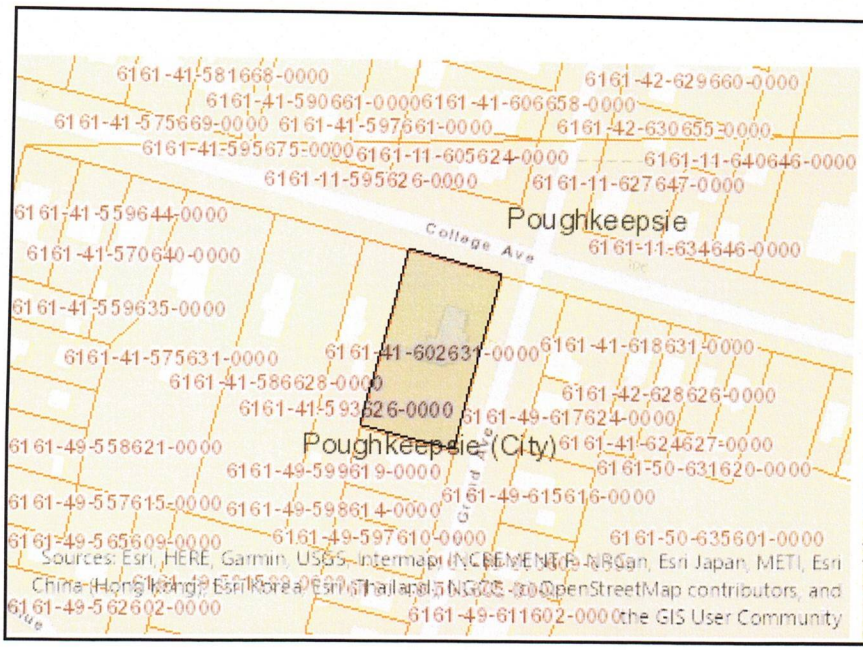
Applicant/sponsor/name: JOHN APA Date: 15 JAN 25

Signature: _____ Title: OWNER

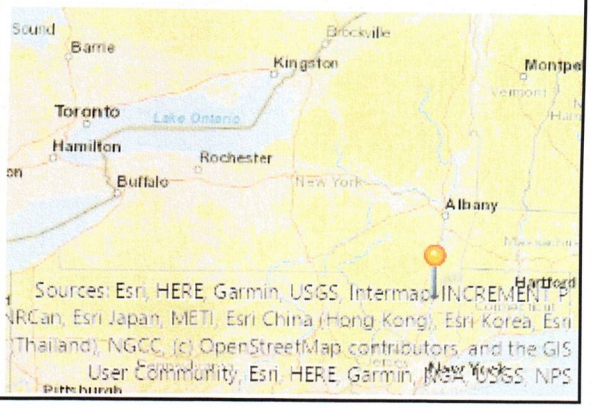
PRINT FORM

EAF Mapper Summary Report

Tuesday, January 14, 2025 12:08 PM



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



Part 1 / Question 7 [Critical Environmental Area]	No
Part 1 / Question 12a [National or State Register of Historic Places or State Eligible Sites]	No
Part 1 / Question 12b [Archeological Sites]	No
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	No
Part 1 / Question 15 [Threatened or Endangered Animal]	Yes
Part 1 / Question 15 [Threatened or Endangered Animal - Name]	Indiana Bat
Part 1 / Question 16 [100 Year Flood Plain]	No
Part 1 / Question 20 [Remediation Site]	No

To whom it may concern,

I Scott Tortorici am the grandson to Flora Tortorici and the Nephew to Robert Tortorici my uncle and grandmother owned 102-104 college Ave back in the 1970's. It was a 3 family Back then with an extra empty lot. My contact is (203)641-4900

Scott Tortorici

State of FL
County of Bay
Subscribed and sworn to (or affirmed) before me this 3 day of February 2025
By Scott Tortorici
Personally known ___ OR produced identification ✓
Type identification produced Connecticut Drivers License

Katherine Nichols
Notary Public

Katherine Nichols
My Commission #HH500318
EXPIRES: March 5, 2028

THE CITY OF POUGHKEEPSIE
NEW YORK
PLANNING BOARD
62 CIVIC CENTER PLAZA, 2ND FLOOR
POUGHKEEPSIE, NY 12601
APRIL, 22 2025
DRAFT APPROVAL

Present: **Excused:** **Absent:**

WHEREAS, the Planning Board has received an application from John Apa for the proposed subdivision of the property into two lots of record: one lot containing the existing, non-conforming three-family dwelling and the other for future development as a single-family dwelling. Improvement to off-street parking and landscaping are also proposed. File #2023-041; and,

WHEREAS, this application has been classified as a Type 2 Action for the purposes of SEQRA; and,

WHEREAS, the action is more fully detailed on a site plan and elevations prepared by Mazzarelli Architecture & Planning, PC, dated 4/2/25, and supplemental documentation; and,

WHEREAS, upon completion of the project, prior to the issuance of the final certificate of occupancy, an as-built site plan set shall be submitted to the Planning Department for certification of compliance with Planning Board approval; and,

NOW THEREFORE BE IT FURTHER RESOLVED that the Board grant site plan approval relative to the proposed subdivision of the property into two lots of record: one lot containing the existing, non-conforming three-family dwelling and the other for future development as a single family dwelling, with the following conditions:

- All City Departments' comments be addressed to those departments' satisfaction.

Motion:
Second:
Carried:

_____
Planning Board Chair

_____
Date