



HOCHERMAN
TORTORELLA
& WEKSTEIN LLP

Attorneys at Law
Geraldine N. Tortorella^(NY, CT)
Adam L. Wekstein^(NY)
Noelle C. Wolfson^(NY, CT)

Henry M. Hocherman, Retired

May 9, 2022

Via Electronic Mail (planning@northcastleny.com)

Hon. Christopher Carthy and Members of the
Planning Board of the Town of North Castle
15 Bedford Road
Armonk, New York 10504

*Re: Application of Dino and Michelle DeLaurentiis for Site Plan Approval for the
Construction of a Single-Family Residence and a Tree Removal Permit
To Permit Tree Removal in Connection with the Development of the Residence
Property: 21 Nethermont Ave. North Castle Tax Map Section 122.16, Block 4, Lot 41*

Dear Chairman Carthy and Members of the Board:

We represent Dino and Michelle DeLaurentiis (the "Applicants"), who are seeking Site Plan approval to permit them to construct a single-family residence on the unimproved property they own at 21 Nethermont Avenue in the Town's R-5 zoning district (the "Property"). Because the construction of the residence on the Property will require the removal of 20 Town-regulated trees, the Applicants are also seeking a Tree Removal Permit from your Board. See Town of North Castle Code §308-13A,D,F. An updated Site Plan and detailed Existing Tree Location & Removals Plan and Planting Plan are enclosed for your review.

This application was previously reviewed by your Board at your January 25, 2021, May 10, 2021, May 24, 2021 and November 8, 2021 meetings. The architecture of the proposed home was approved by the Town's Architectural Review Board on March 3, 2021.

As you may recall, at the November 8th meeting your Board made a positive referral of this application to the Town's Zoning Board of Appeals to allow the Applicants to apply for variances from the requirements of North Castle Code §355-59[D] relating to driveway sight distance and certain provisions of the Town's Zoning Law pertaining to building height and floor area.

Following that referral, the Applicants made minor modifications to the plan to add small wing walls at the rear of the home. In light of that modification, the proposed home complies with the height and gross floor area requirements of the Town's Zoning Law obviating a need for a variance from those requirements.

At its meeting on April 7, 2022, the Zoning Board of Appeals granted the Applicants' request for a variance from the requirements of North Castle Code §355-59[D], permitting reduced stopping sight

Hon. Christopher Carthy, Chairman
and Members of the Planning Board
of the Town of North Castle
May 9, 2022
Page 2

distances of 116 feet looking in the northbound direction and 114 feet looking in the southbound direction.

Submitted herewith in support of the continued review of this Site Plan and Tree Removal Permit application are the following:

1. *Site Plan/Zoning Analysis/Grading Plan (SW-1)*, prepared by Gabriel E. Senor, P.C., dated October 3, 2021 and last revised May 5, 2022;
2. *Stormwater Pollution Prevention Plan & Erosion Control (SW-2)*, prepared by Gabriel E. Senor, P.C., dated September 10, 2020 and last revised May 5, 2022;
3. *Sight Distance Analysis (SD-1)*, prepared by Gabriel E. Senor, P.C., dated October 22, 2021;
4. *Existing Tree Location & Removal Plan*, prepared by Walter G. Nestler, P.C., dated May 4, 2022;
5. *Planting Plan*, prepared by Walter G. Nestler, P.C., dated May 4, 2022;
6. *Exterior Elevations (Sheets A-400.01 and A-401.01)*, prepared by Jeffrey Taylor Architect August 2, 2020, last revised December 3, 2021;
7. Drainage Calculations, prepared by Eliot Senor, P.E. & L.S., dated May 3, 2022. The Drainage Calculations have been revised from that previously submitted because the revised site grading allows for the use of larger diameter pipe and a modified outlet structure, which will provide a better opportunity for maintenance.
8. ARB Minutes, March 3, 2021 (indicating approval); and
9. Tree Removal Permit Application.

Our firm's check in the amount of \$75.00 made payable to the Town of North Castle for the Tree Removal Permit application fee will be delivered to the Planning Department.

As depicted on the *Existing Tree Location & Removals Plan*, the construction of the proposed home and its related improvements, including installation of utilities and the access driveway, requires the removal of 20 Town- Regulated trees (trees having a diameter at breast height (DBH) of 8 inches or greater); no Significant Trees (trees with a DBH of 24 inches or greater) are proposed to be removed. Through

Hon. Christopher Carthy, Chairman
and Members of the Planning Board
of the Town of North Castle
May 9, 2022
Page 3

design modifications to the proposed plan that have previously been reviewed by your Board, the Applicants are able to preserve six (6) Town-regulated trees on the Property.¹

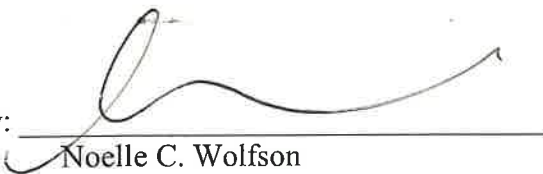
The Applicants are also proposing an extensive landscaping plan, which would provide, among other things, screening along the side property lines and the rear property line in proximity to the retaining wall closest to such property line, and ornamental plantings near the home and in front of the retaining wall on the north side of the Property. *See* Planting Plan submitted herewith.

We look forward to presenting this application to your Board at your meeting of May 23, 2022 at which time we would ask that your Board schedule this application for a Public Hearing and consideration of a resolution of approval.

If you have any questions or if you need any additional information, please feel free to contact me.

Respectfully submitted,

Hocherman Tortorella & Wekstein, LLP

By: 
Noelle C. Wolfson

NCW

Enclosures

cc: Adam Kaufman, AICP
Joseph Cermele, P.E.
Mr. Dino DeLaurentiis
Mrs. Michelle DeLaurentiis
Gabriel E. Senor, P.C.
Carlito Holt, P.E.
Walter G. Nestler, ASLA

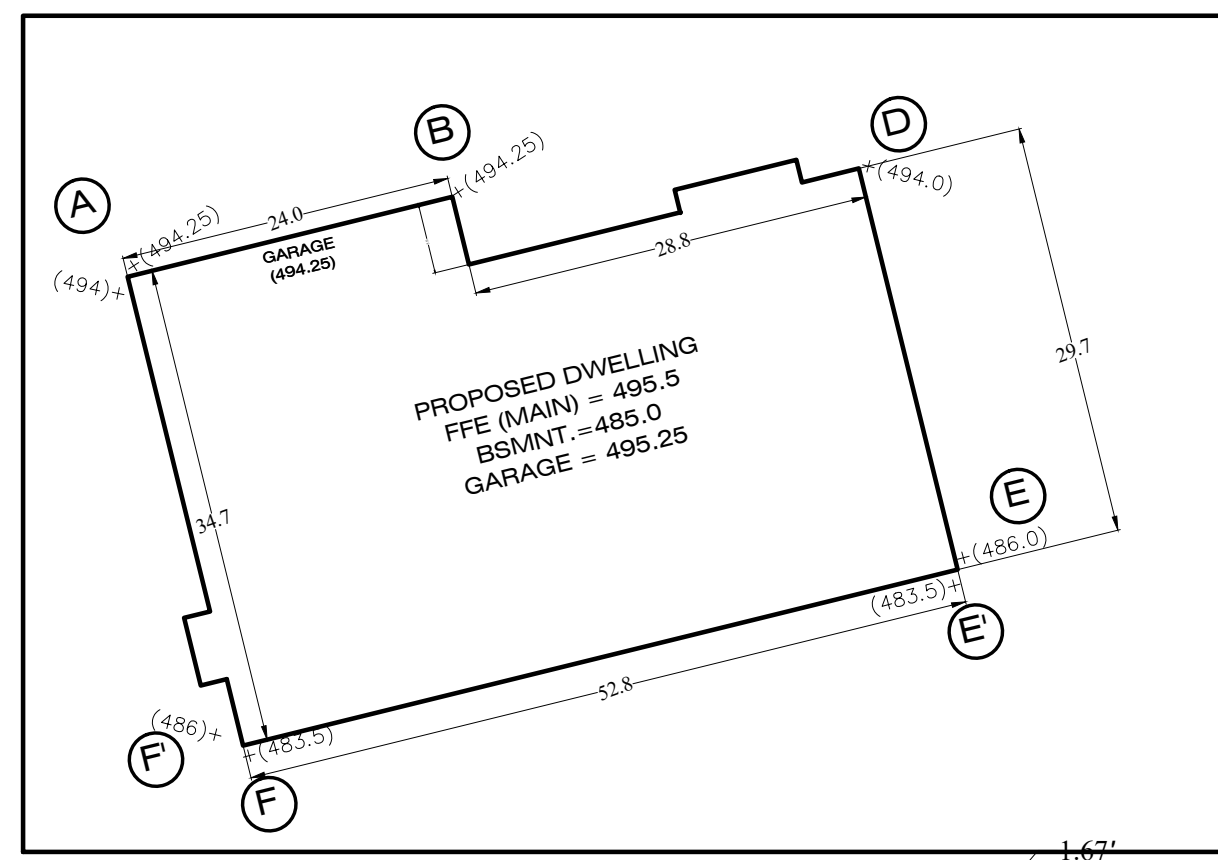
¹ Tree "D" is shown on the plan for context and it will remain, but it is not included in the count of Town-regulated trees to remain since it measures 6 inches DBH.

GENERAL NOTES

- Gabriel E. Senor, P.C. is not responsible for construction supervision unless retained under separate contract.
- Gabriel E. Senor, P.C. must be notified prior to backfilling any storm water system for inspection if The Engineering Dept. will require a final letter of certification from the design engineer for the storm water approval, site work and drainage installation.
- Any changes made to these plans shall be approved by Gabriel E. Senor, P.C. Any changes must be filed and approved by the appropriate Department as amendments.
- Gabriel E. Senor, P.C. is not responsible for damages if changes are made and not approved as in item 1 above.
- All conditions, locations, dimensions and elevations shall be verified by the Contractor or Owner and must report all discrepancies to the Design Engineer prior to the start of construction.
- All work and materials shall comply with all applicable codes including, but not limited to the following: NYS Building Code, Local Zoning Code, ACT and NISC.
- The Contractor is responsible for all construction means and methods to implement the designs shown.
- Safety during construction is the responsibility of the Contractor and shall conform to all Local, State and Federal Agencies' requirements.
- The Contractor shall apply for and receive all necessary permits to perform the work shown on these plans prior to the start of construction.
- Final grading shall be sloped away from the building and foundations.
- Unless noted, all drainage piping on this plan is to be 6" Rigid HDPE ASTM F810-07 or better.
- This storm water design plan is not designed to accept footing drains. Refer to Architectural plans for footing drain design. Do not connect footing drains or sump pumps to this surface water drainage system.
- If the drainage system is to be built in a filled area, the fill should be well drained material with a settling period of one to three months prior to the system installation. Additional percolations are required after the settling period and the system design will be revised as necessary.
- Proposed Silt Fence to be installed along existing and proposed contours.
- Orange Construction Fence to be installed along the limits of the proposed disturbance limits line.
- Roof leaders to be connected to the drainage system with 6" rigid HDPE pipe at 2% min. slope or as shown.
- The Contractor and all Sub-Contractors must submit a "Contractor Certification Statement" as per section 294-8 of the NYSDEC "Stormwater Pollution Prevention Plan" manual prior to the start of construction.
- If imported fill material is required, it shall be certified in writing by a New York State licensed Professional Engineer as non-contaminated, clean fill suitable for the intended use. Percolation tests shall be performed by the Design Engineer to demonstrate that the stormwater management practice will draw down the entire water quality volume within 48 hours. The results of the percolation test (s) shall be submitted to the Municipal Engineer for review and approval.
- All proposed temporary seeding mixture shall be in accordance with the New York State Standards and Specifications for Urban Erosion Control, dated August 2005.
- New sewer laterals are required for all new construction. Laterals must be extra heavy cast iron or ductile iron pipe or as directed by Municipal Engineer.
- Connection permits are required from the Department of Public Works for Sewer, Water, and Storm Water System overflows.
- All trenches in the Municipality Right of Way must be backfilled with controlled density fill (k-crete) or as directed by Municipal Engineer.
- A street opening permit must be obtained from the Municipality, all work in the Right of Way and an inspection performed prior to back filling and final approvals.
- Replace or re-lay stone curb as directed by Municipal Engineer.
- A non-conversion agreement for the basement in Special Flood Hazard Zone must be signed and filed prior to the issuance of a C. of O. for properties subjected to flooding.
- Curb cut permit is required from the Department of Public Works. Curb cut maximum width is 18 feet.
- The contractor shall schedule with the Municipality a rough grading inspection prior to any framing of a building above the first floor braced decking. Excess soils of significance shall be removed and disposed of upon completion of the rough grading.
- The structures for the storm water management system shall be installed at the earliest date possible when the structure's roof is complete. The contractor shall consult with the Municipality and schedule this work upon completion and inspection of the rough grading activities.
- The contractor shall secure a Street Opening Permit with the Municipality for all work to take place on the right of way including construction of a new driveway apron, and installation of new service laterals.
- If necessary, the Contractor shall secure a Tree Removal Permit with the Municipality prior to the commencement of construction activities.
- Contractor required to provide Dig Safe NY ticket prior to issuance of permits.
- proper construction of all walls four (4) feet and greater in height shall be certified by the Design Professional prior to issuance of a Certificate of Occupancy.

| ZONING TABLE - 21 NETHERMONT AVE | | | |
|--|--------------------------|---------------|----|
| ZONE: SINGLE FAMILY RESIDENCE DISTRICT "R-5" | | | |
| TOTAL LOT AREA: 0.21 Acres (9,361.31 SF) | | | |
| DESCRIPTION | MIN/REQUIRED | PROPOSED | |
| MINIMUM LOT AREA | 5000 SF | 9,361.31 SF | SF |
| 75% WETLAND AREA | - | N/A | SF |
| 50% STEEP SLOPE AREA | - | 1,815.31 SF | SF |
| NET LOT AREA | - | 7,546.00 SF | SF |
| MIN LOT FRONTAGE | 50 FT | 111.25 FT | FT |
| MIN LOT WIDTH | 50 FT | 91.6 (AVG) FT | FT |
| MIN LOT DEPTH | 100 FT | 105 (AVG) FT | FT |
| FRONT YARD SETBACK | 30 FT | 30.7 FT | FT |
| SIDE SETBACK | 8 FT | 8.0 FT | FT |
| SECOND SIDE SETBACK | Total Both Sides - 18 FT | 22.3 FT | FT |
| REAR YARD SETBACK | 30 FT | 31.8 FT | FT |
| OFF-STREET PARKING | 2 EA | 2.0 EA | EA |
| OFF-STREET LOADING | 1 EA | 1.0 EA | EA |
| MAX BUILDING HEIGHT (AVG GRADE TO MID ROOF) | 30 FT | 25.87 FT | FT |
| MAX BUILDING HEIGHT (HIGHEST SECTION PLANE) | 35 FT | 33.25 FT | FT |
| MAX BUILDING COVERAGE (USING NET LOT AREA) | 30% | 23% | |

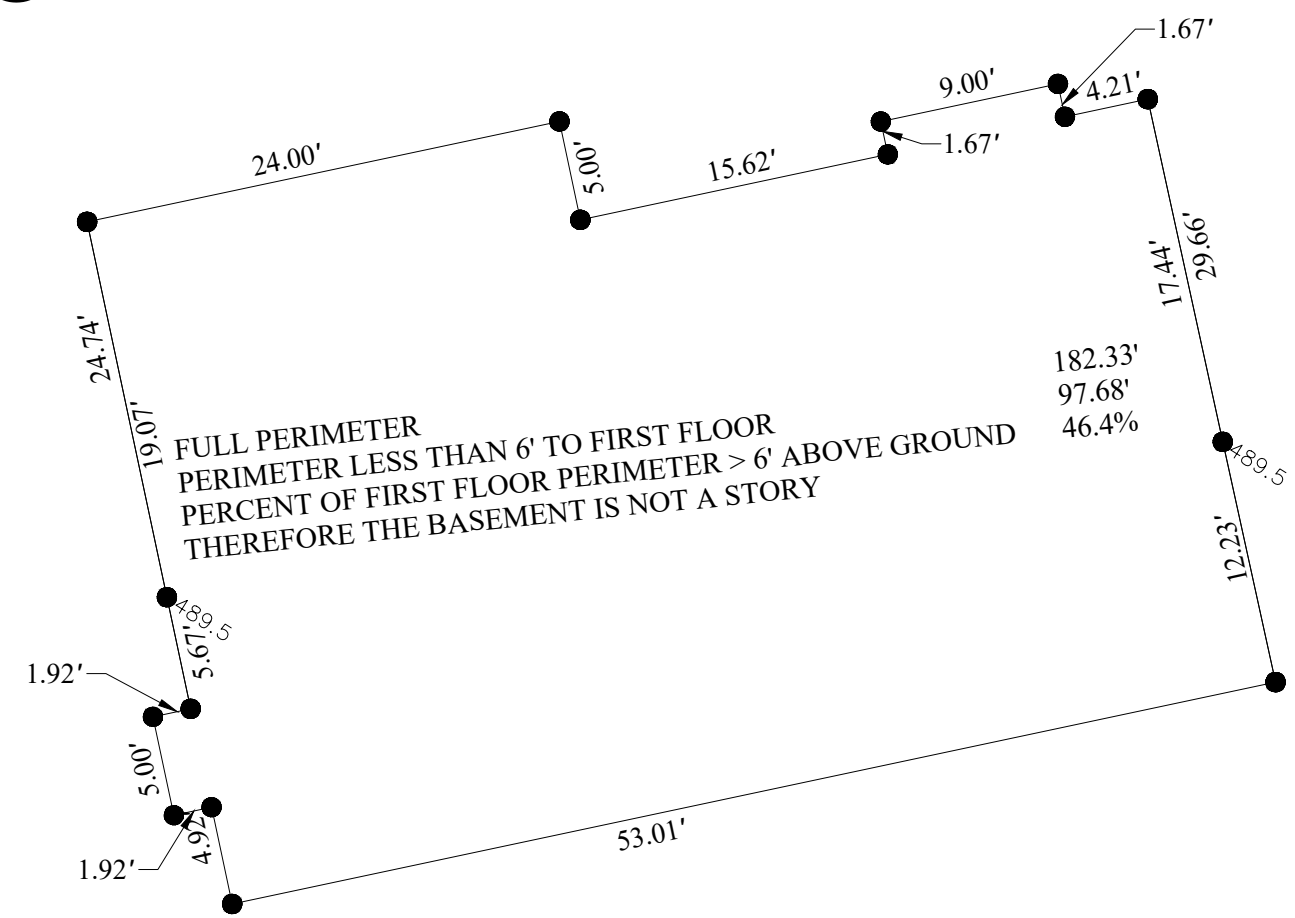
AVERAGE GRADE EXHIBIT AND CALCULATIONS



| | elevation | elevation | ave elev. | length | |
|-----|-----------|-----------|-----------|--------|--------------------|
| A-B | 495.25 | 495.25 | 495.25 | 24 | 11886 |
| B-D | 495.43 | 494 | 494.715 | 28.83 | 14263 |
| D-E | 494 | 486 | 490 | 29.66 | 14533 |
| E-F | 483.5 | 483.5 | 483.5 | 52.83 | 25543 |
| F-A | 486.5 | 494 | 490.25 | 34.7 | 17012 |
| | | | | 170.02 | 83237 |
| | | | | | 489.5719 ave grade |

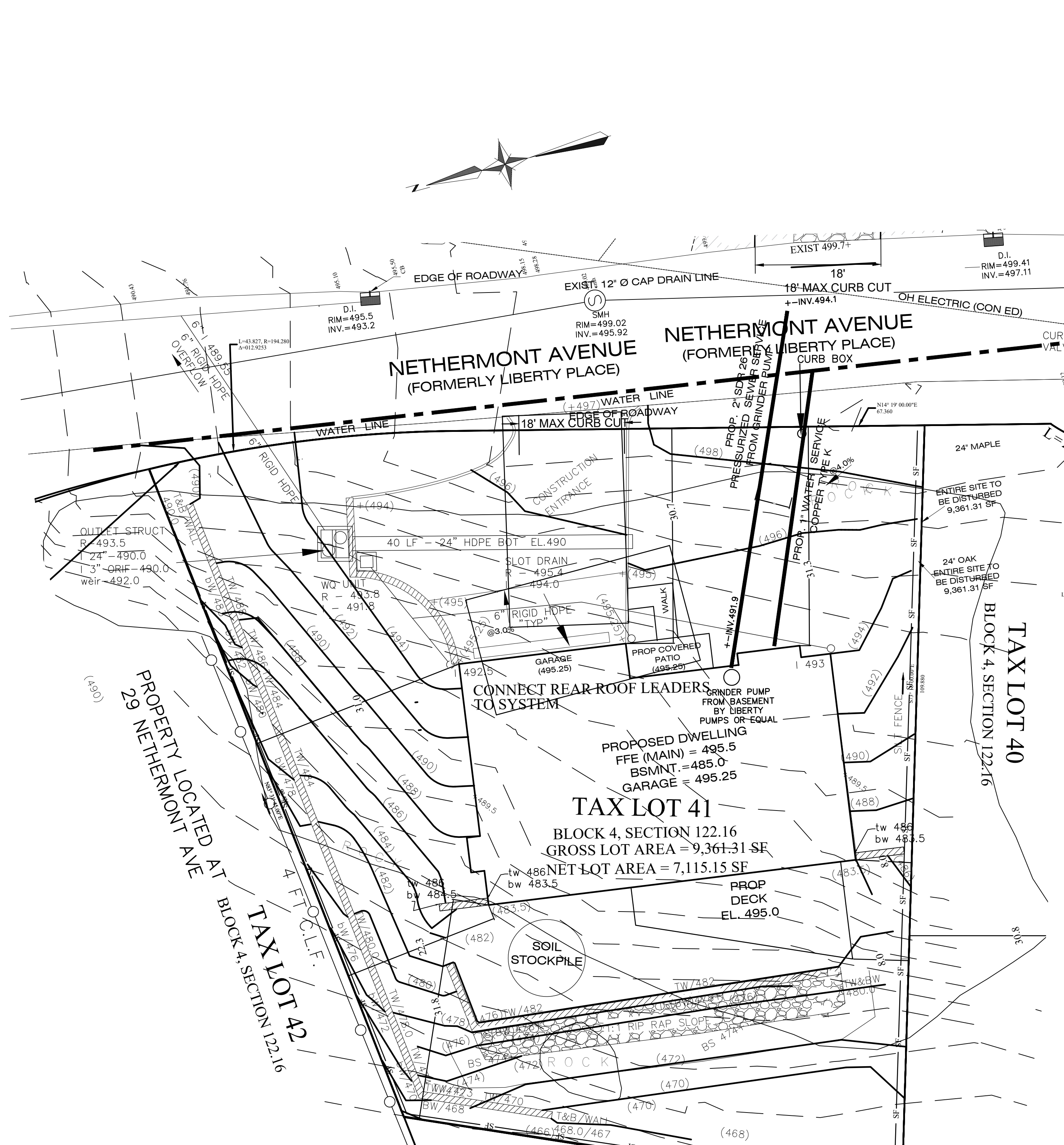
SEE ARCHITECTURAL DRAWINGS FOR BUILDING HEIGHT SCHEMATICS.

PERCENT OF FIRST FLOOR MORE MORE THAN 6' ABOVE GRADE



EROSION CONTROL NOTES

- INSTALLATION & MAINTENANCE OF EROSION CONTROL**
- CONSTRUCTION SCHEDULE**
NOTIFY APPROPRIATE MUNICIPAL AGENCY HAVING JURISDICTION AT LEAST 5 DAYS PRIOR TO START.
- EROSION CONTROL MEASURES**
- Install all erosion control measures prior to start of construction.
 - Call for inspection from the appropriate Municipal Agency having jurisdiction at least 2 Days prior to finish.
- INSPECTION BY MUNICIPALITY**
- MAINTENANCE (TO BE PERFORMED DURING ALL PHASES OF CONSTRUCTION)**
- After any rain causing runoff, Contractor to inspect silt fences, etc. and remove any excessive sediment and inspect stockpiles and correct and problems with seed establishment.
 - Inspections shall be documented in writing and submitted to the appropriate Municipal Agency having jurisdiction.
- STOCK PILING OF EXCAVATED MATERIAL**
- Strip Topsoil and Stockpile.
 - Stockpile Excavation Subgrade.
 - Seed piles with 1 lb. total annual rye or remove from site within two days.
- INSPECTION BY MUNICIPALITY**
- FINAL GRADING**
- Remove unneeded subgrade from site.
 - Call for inspection from the appropriate Municipal Agency having jurisdiction at least 2 days prior to finish.
- INSPECTION BY MUNICIPALITY**
- LANDSCAPING**
- Spread topsoil evenly over areas to be seeded. Hand rake level.
 - Broadcast 1 25lb. bag of Jonathan Green "Fastgrow" mix or equal over areas to be seeded.



- ADDITIONAL NOTES:**
- All retaining walls on the property are proposed.
 - Garbage will be kept in trash bins in the garage until the day prior to pick up and be brought to the end of the driveway in enclosed lockable bins the day prior to trash pick up.
 - All surveying performed by Gabriel E. Senor P.C.

LEGEND

- WATER MANHOLE
- ELECTRIC MANHOLE
- DRAIN MANHOLE
- MANHOLE
- ELECTRIC BOX
- EXISTING GRADE (102)
- PROPOSED GRADE
- 14" TREE
- 1" TREE
- TREE TO BE REMOVED
- SILT FENCE OR HAYBALES AS REQ'D
- UTILITY POLE
- SIGN POST
- HYDRANT
- WATER VALVE
- GAS VALVE
- LIGHT POLE
- GUY WIRES
- TELE. MANHOLE
- SEWER MANHOLE

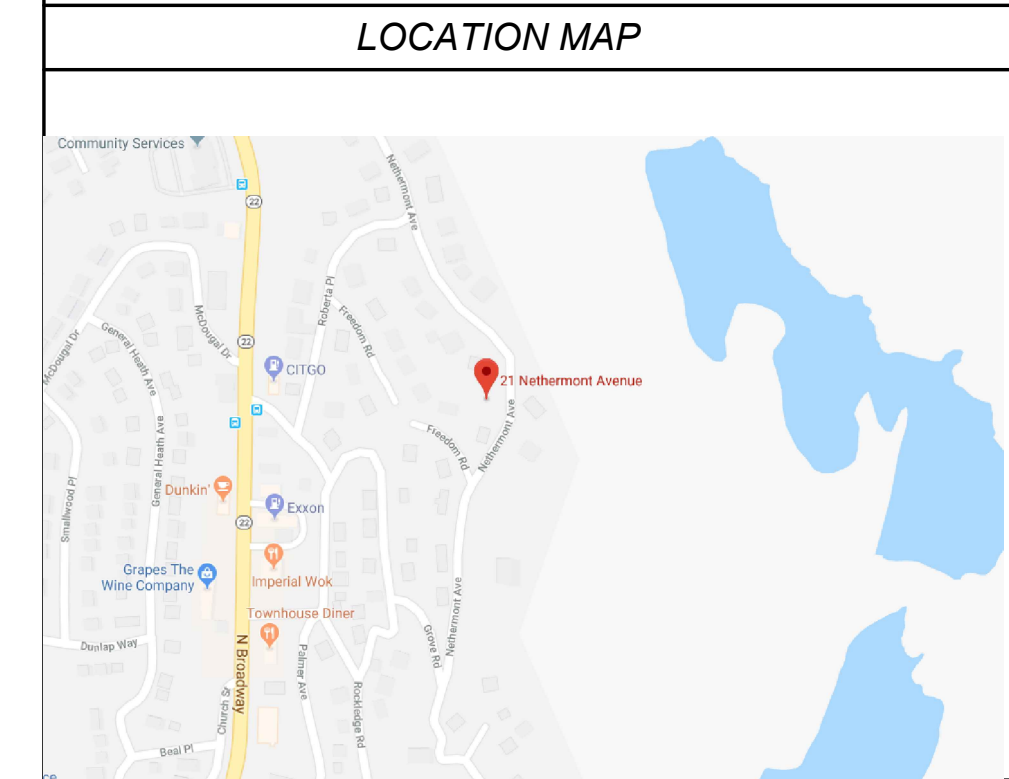
APPROVED BY TOWN OF NORTH CASTLE PLANNING BOARD RESOLUTION, DATED: _____ DATE: _____

CHRISTOPHER CARTH, CHAIRMAN
TOWN OF NORTH CASTLE PLANNING BOARD

ENGINEERING PLANS REVIEWED FOR CONFORMANCE TO RESOLUTION: _____ DATE: _____

JOSEPH M. CERMELE, P.E.
KELARD SESSIONS CONSULTING
CONSULTING TOWN ENGINEERS

"Variance from Section 355-59D of the North Castle Code permitting 116 ft of sight distance from the driveway looking northbound and 114 ft of sight distance from the driveway looking southbound granted by the North Castle Zoning Board of Appeals on 4-7-22."



| NO | DATE | DESC | BY |
|----|-----------|---------|-----|
| 2 | 05/5/2022 | | SGA |
| 1 | 11-18-21 | grading | es |

SITE PLAN/ZONING ANALYSIS/GRADING

PREPARED FOR: DINO DELAURENTIS

ADDRESS: 21 NETHERMONT AVE
NORTH CASTLE, NY (WHITE PLAINS P.O.)

TAX ID: SECTION 122.16 - TAX BLOCK 4 - LOT 41

SITUATED IN THE
TOWN OF NORTH CASTLE
WESTCHESTER COUNTY, NEW YORK

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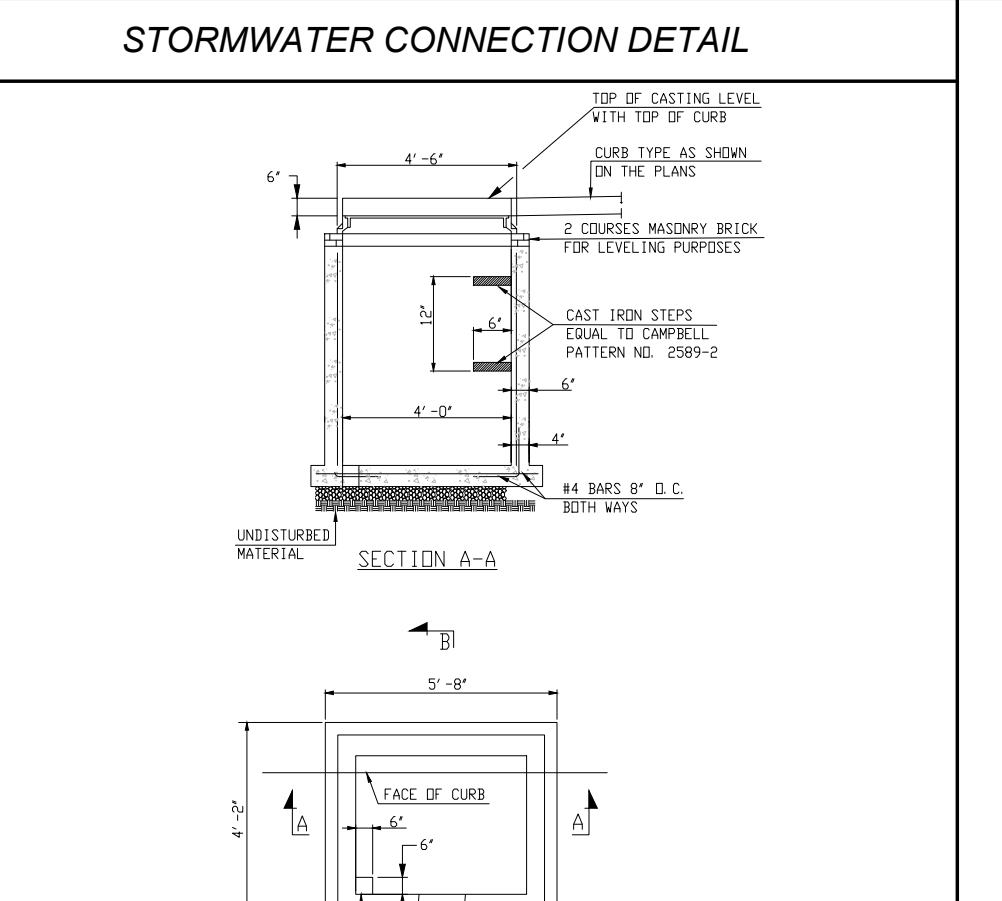
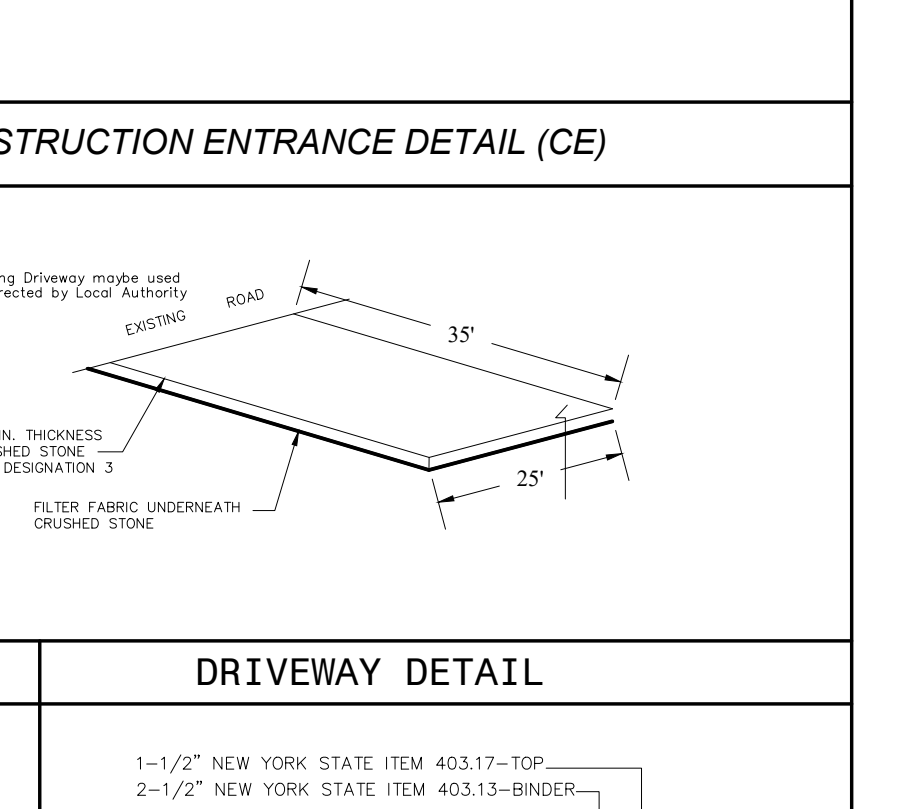
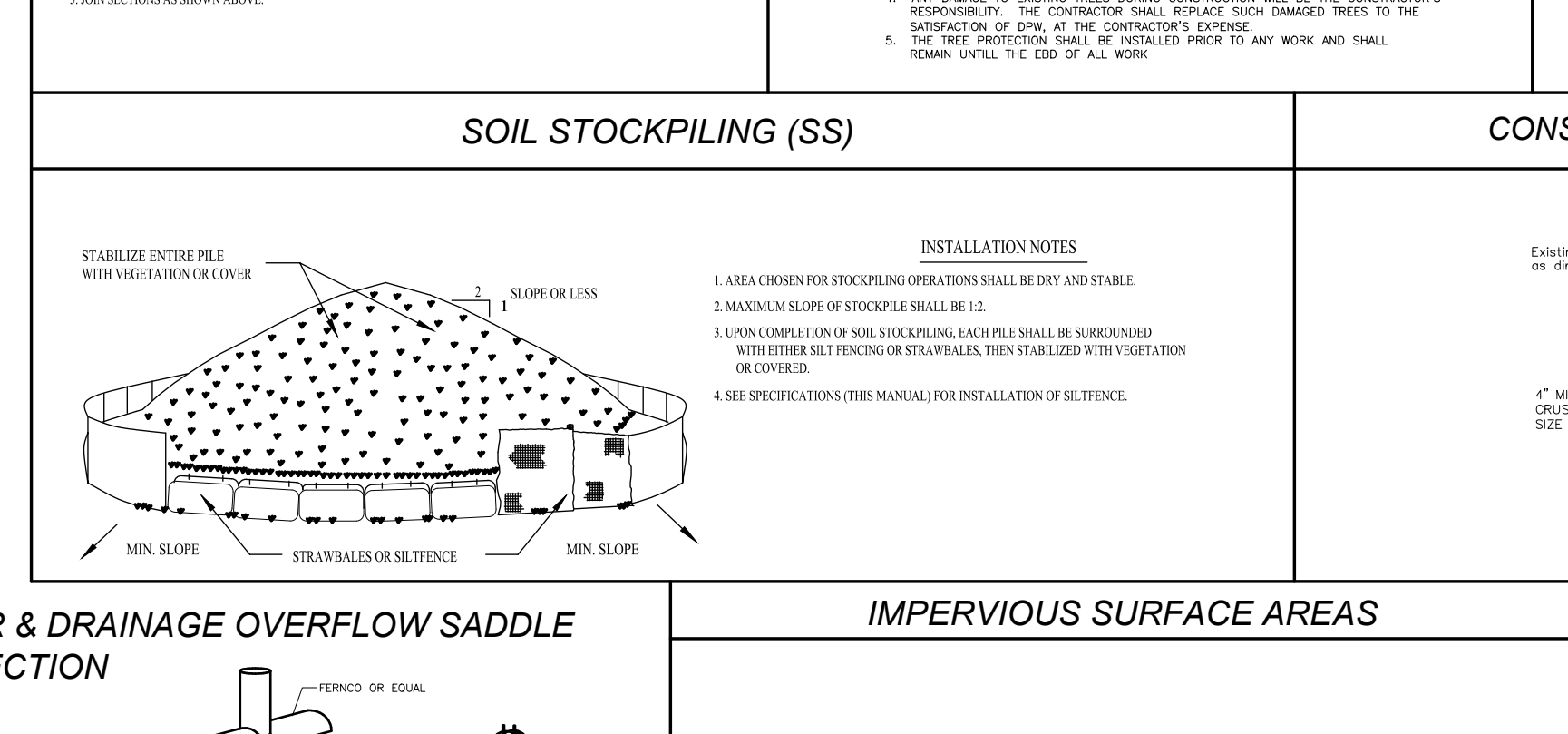
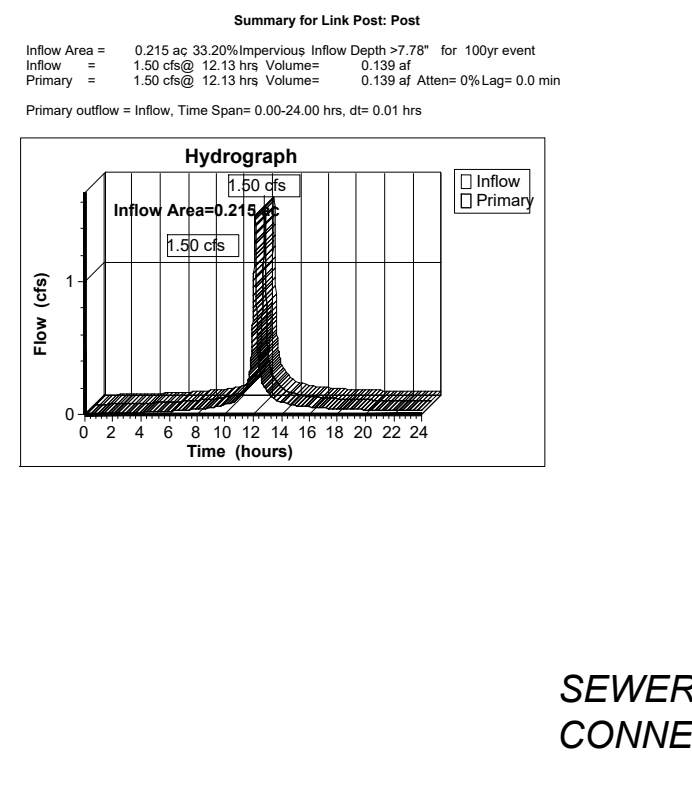
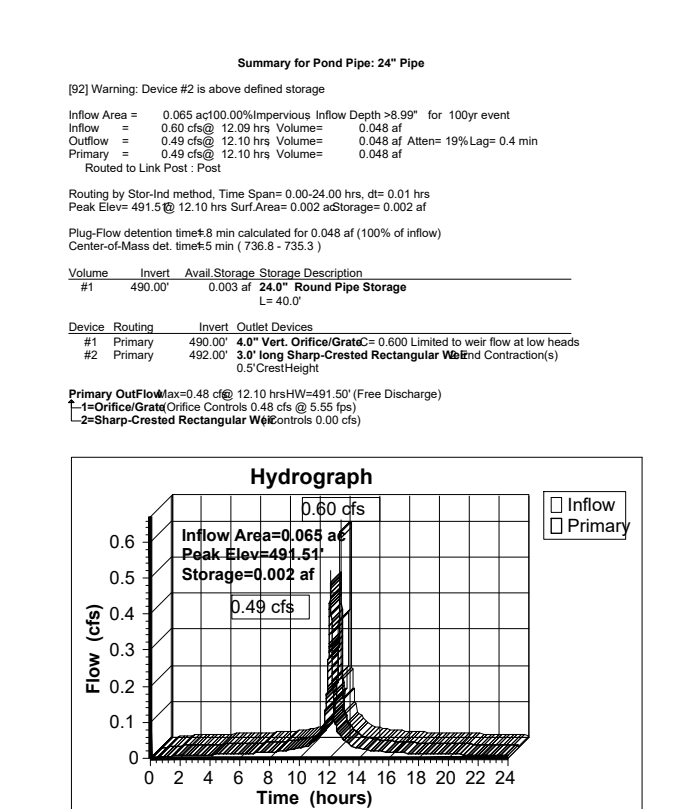
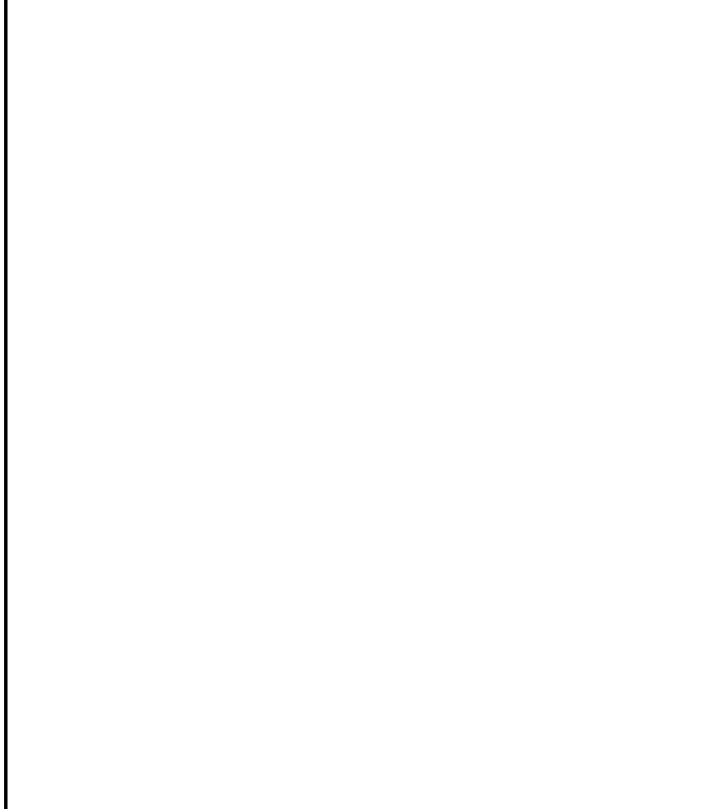
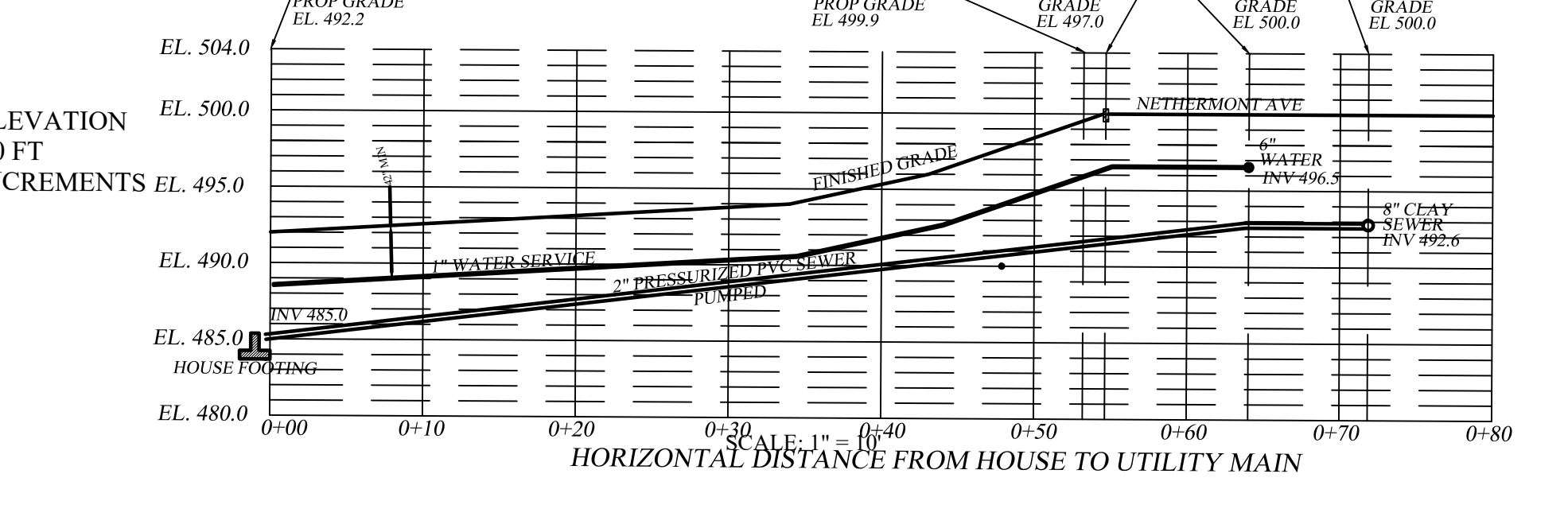
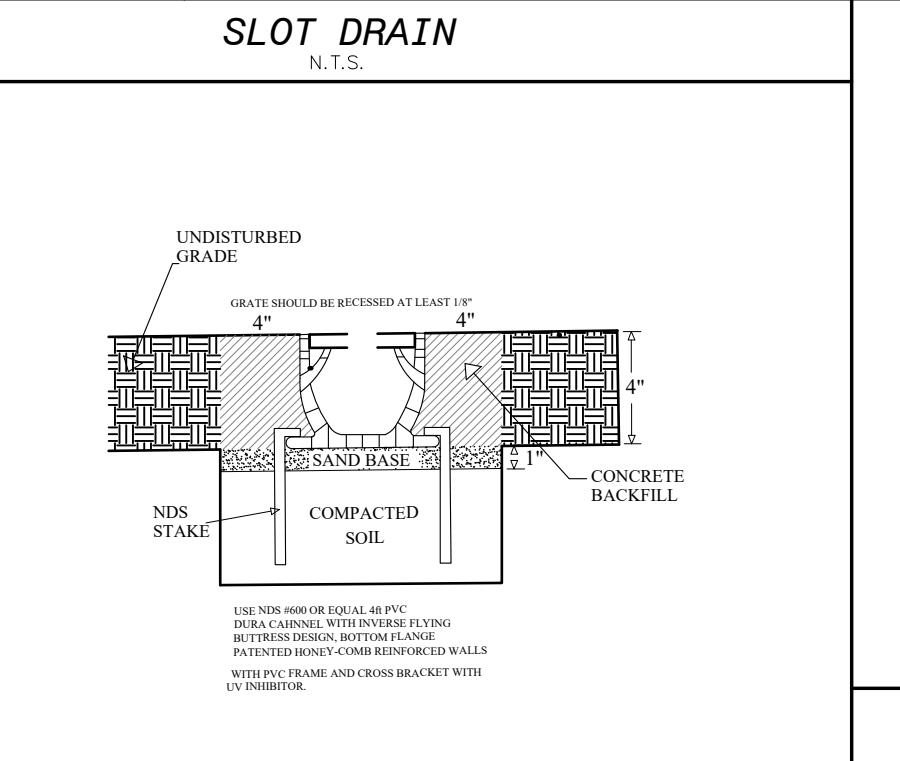
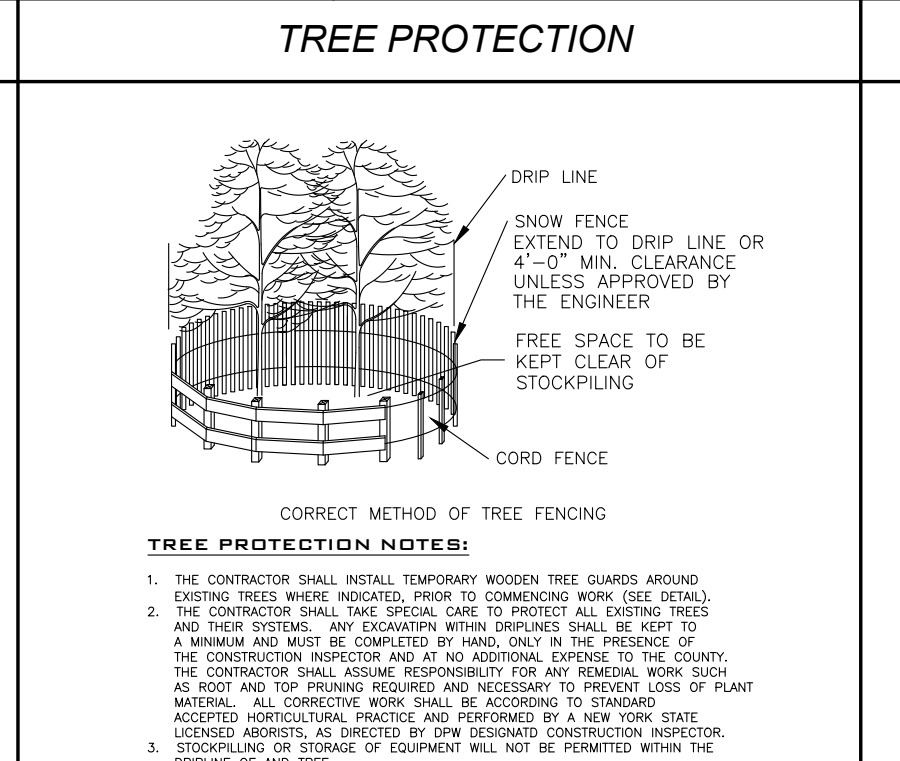
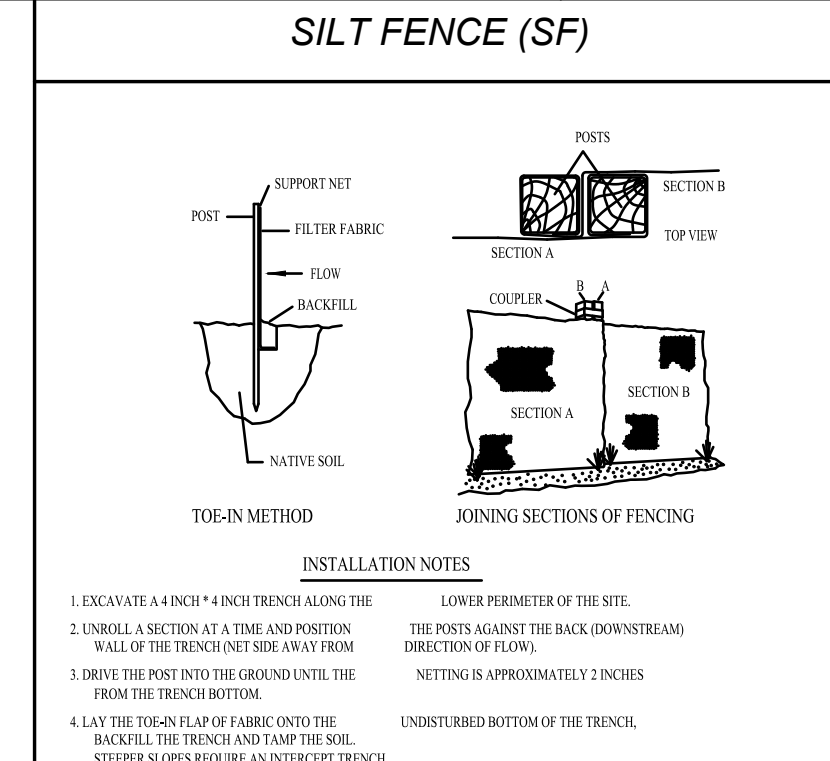
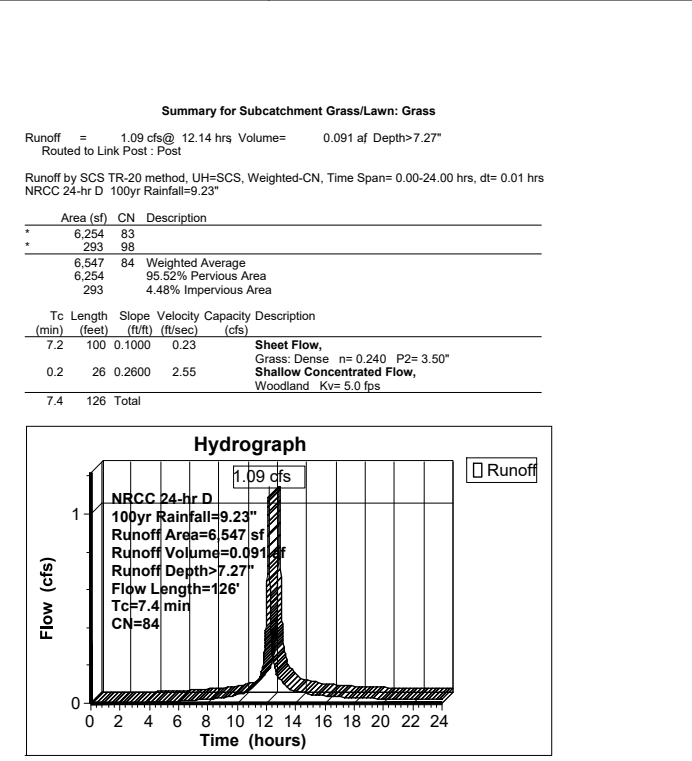
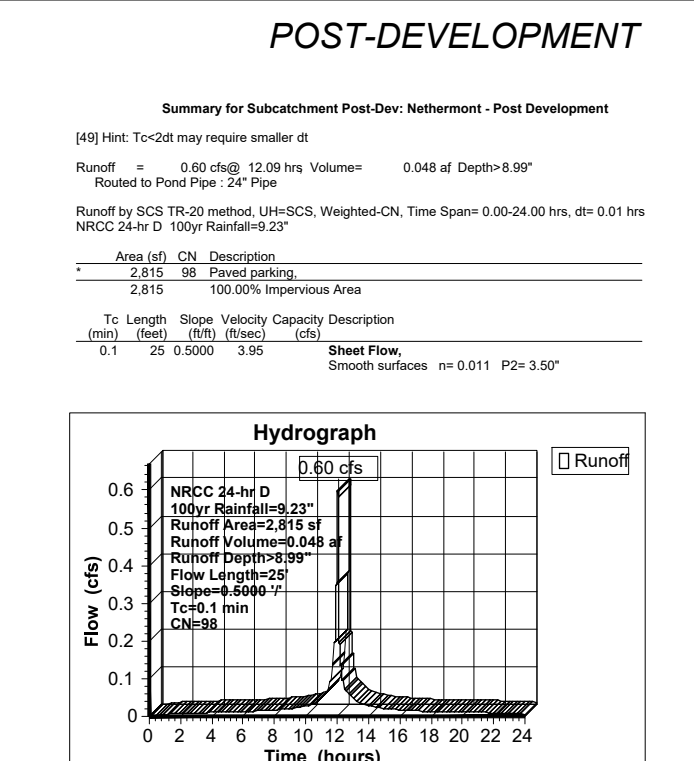
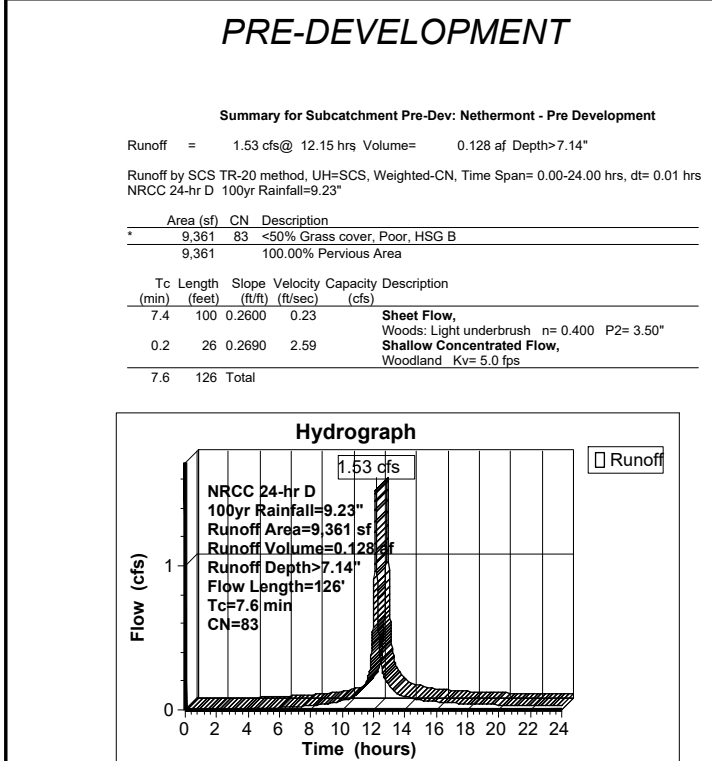
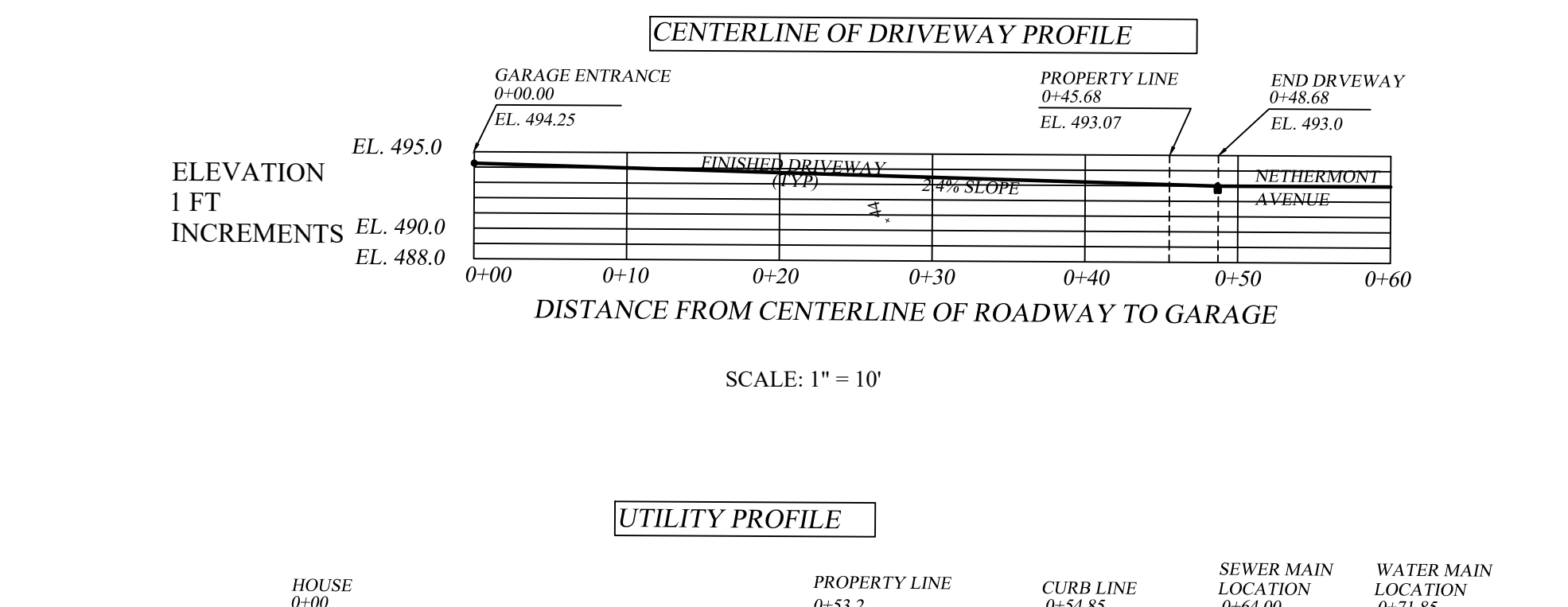
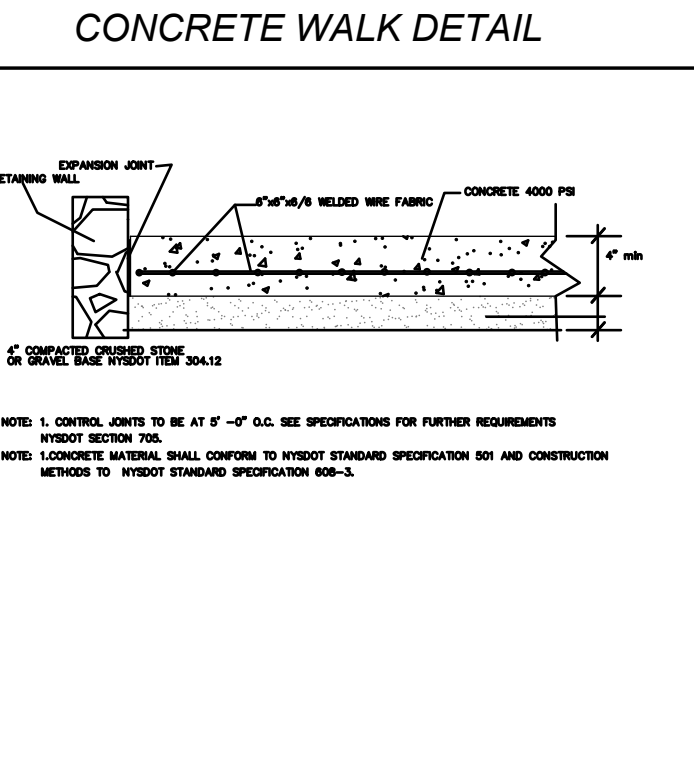
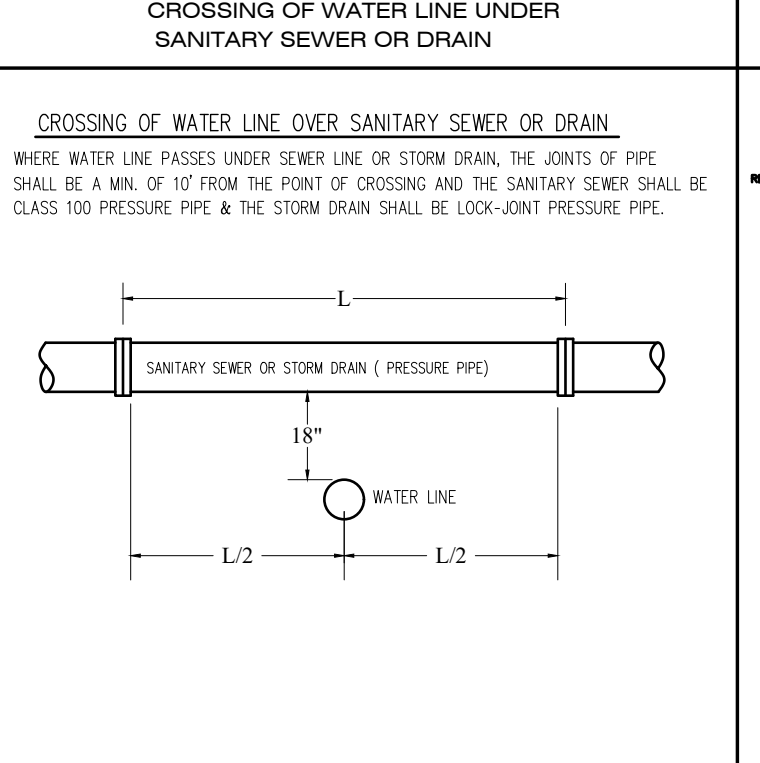
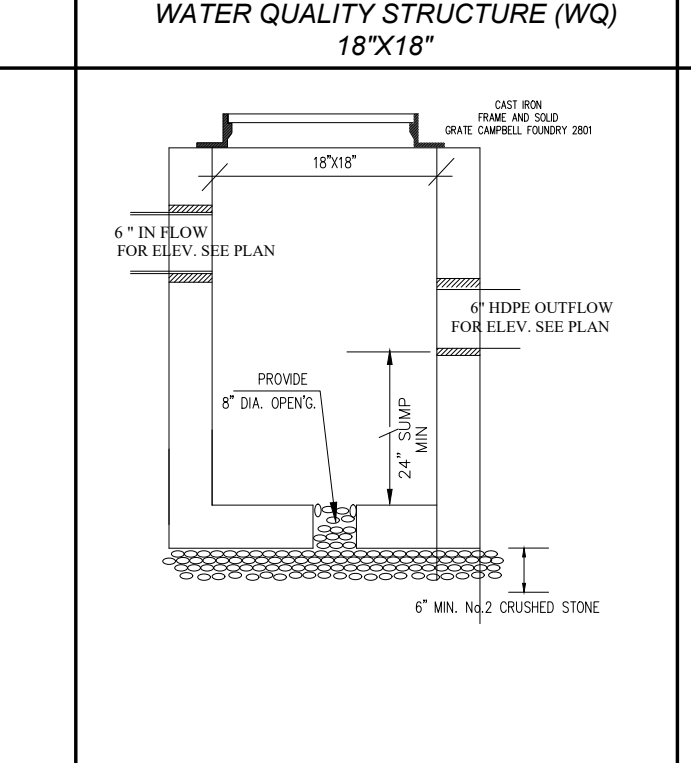
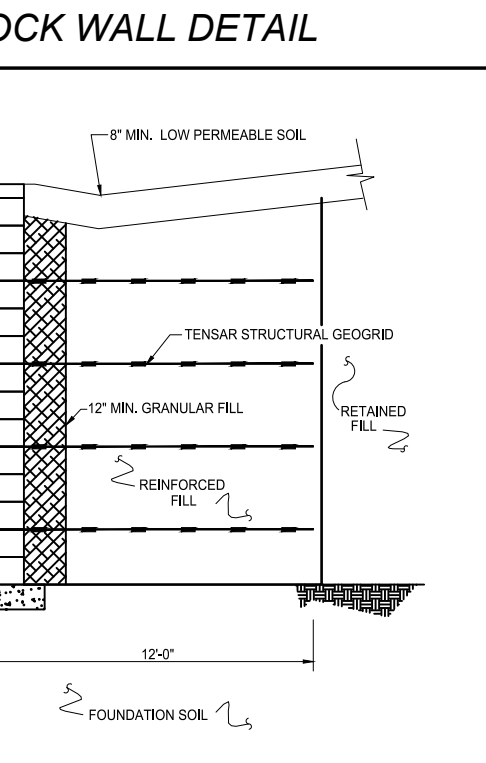
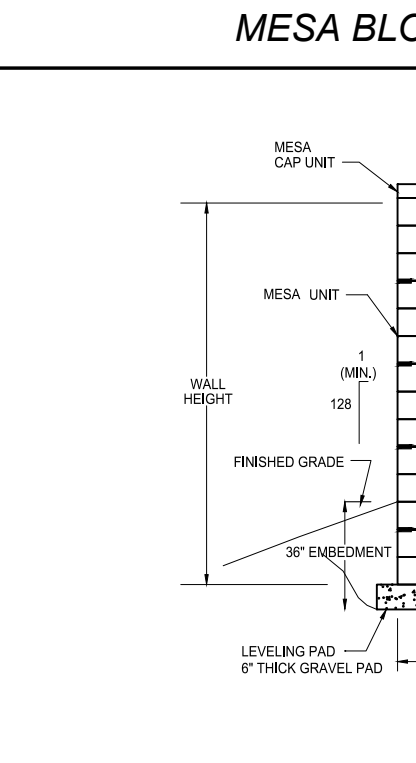
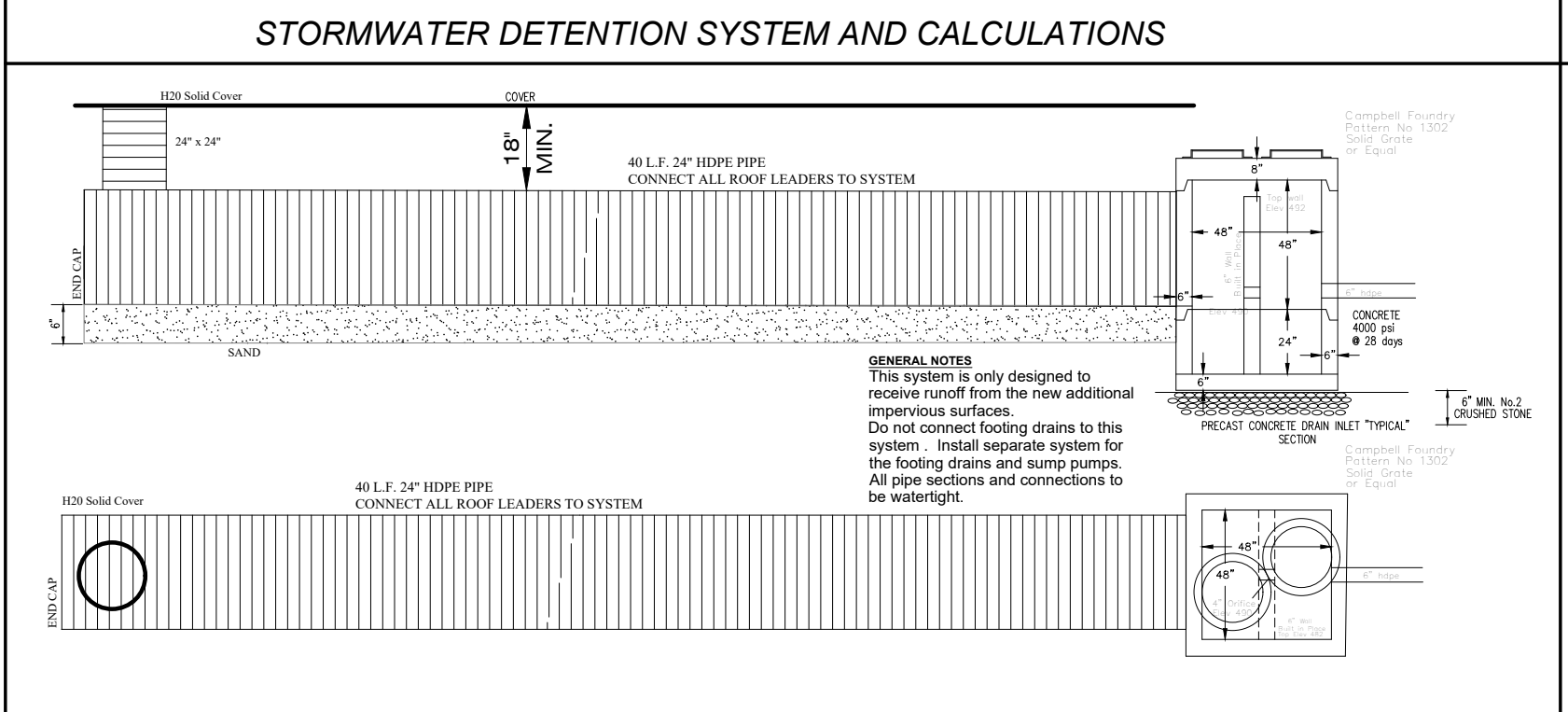
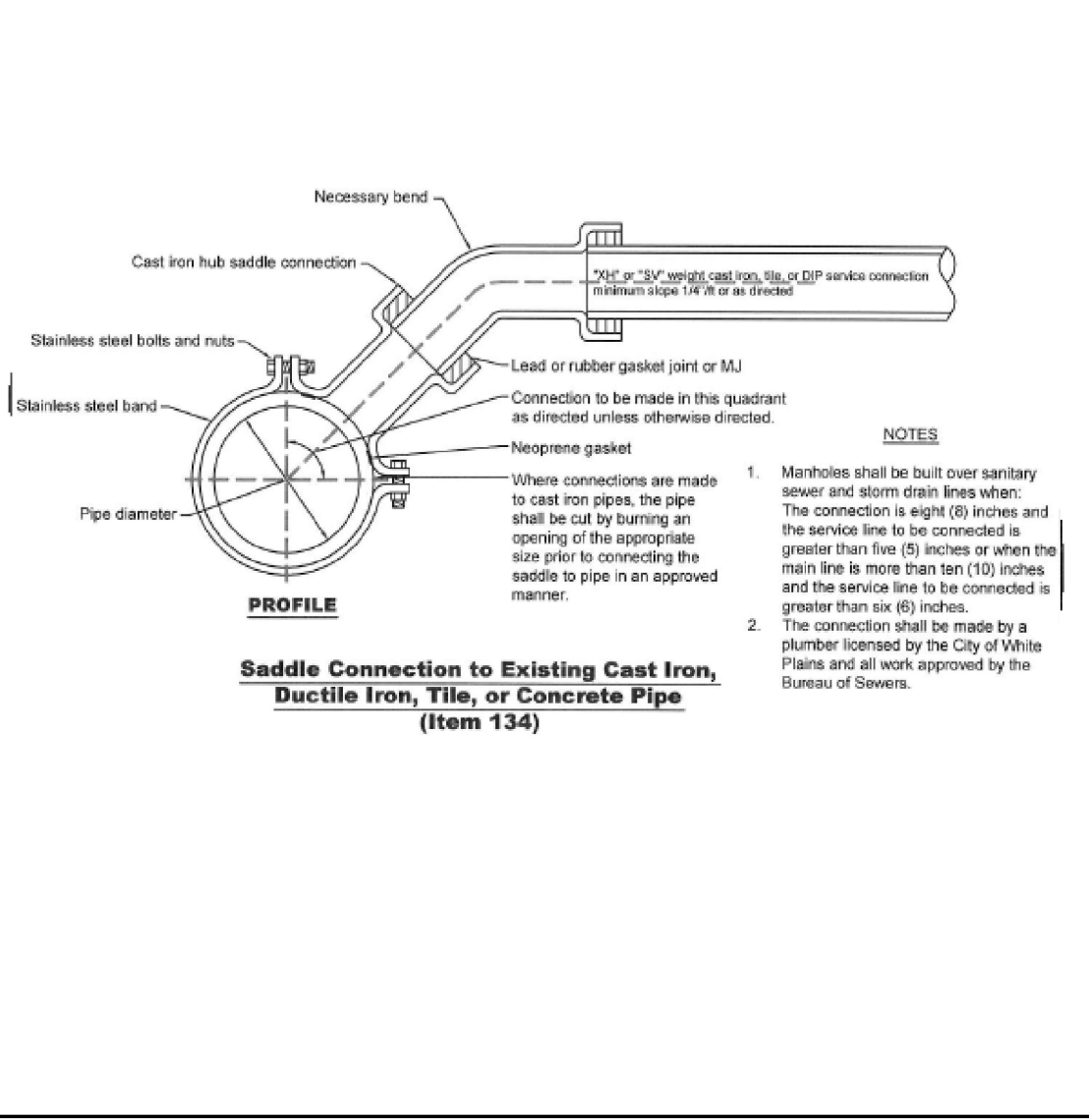
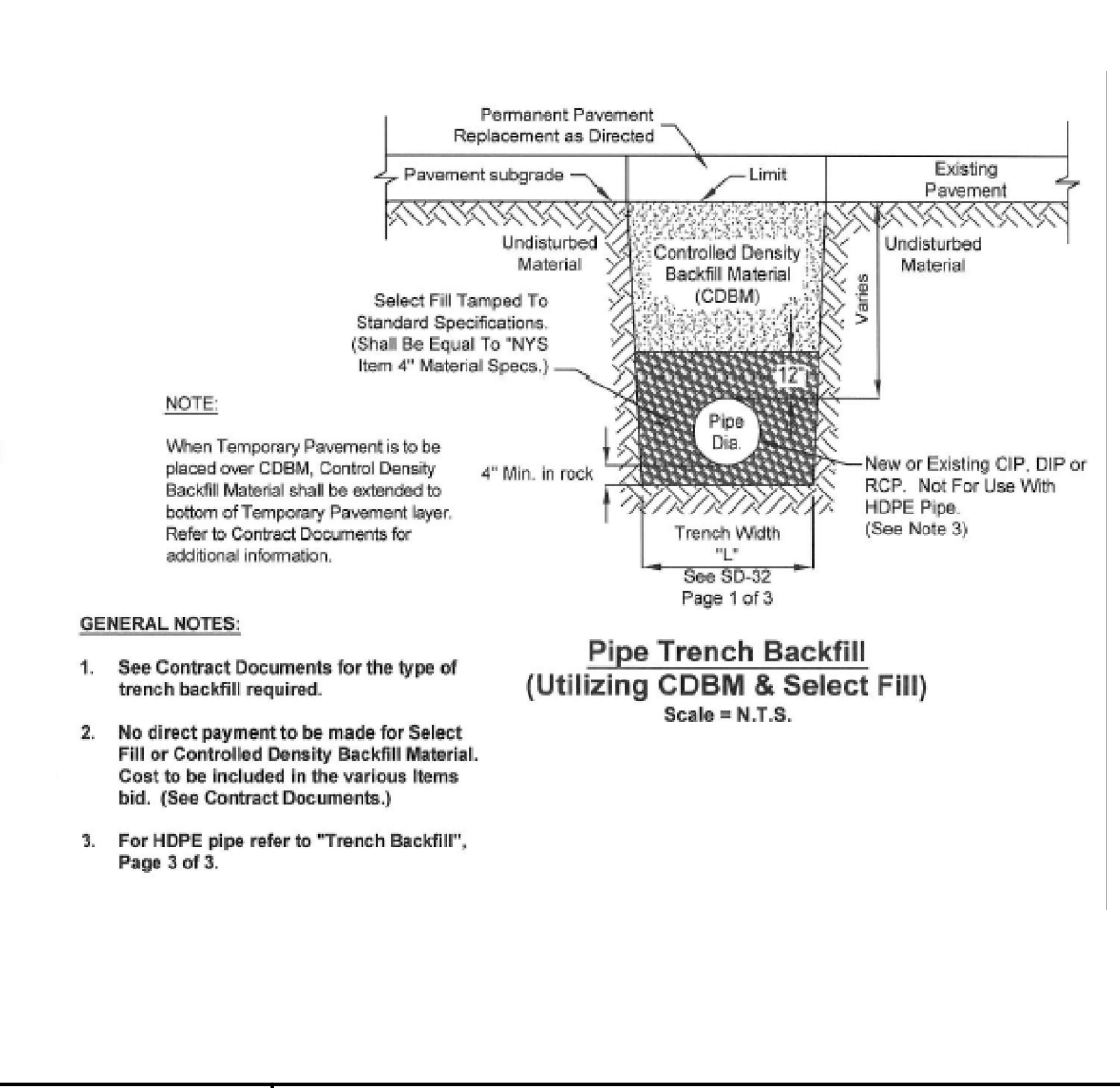
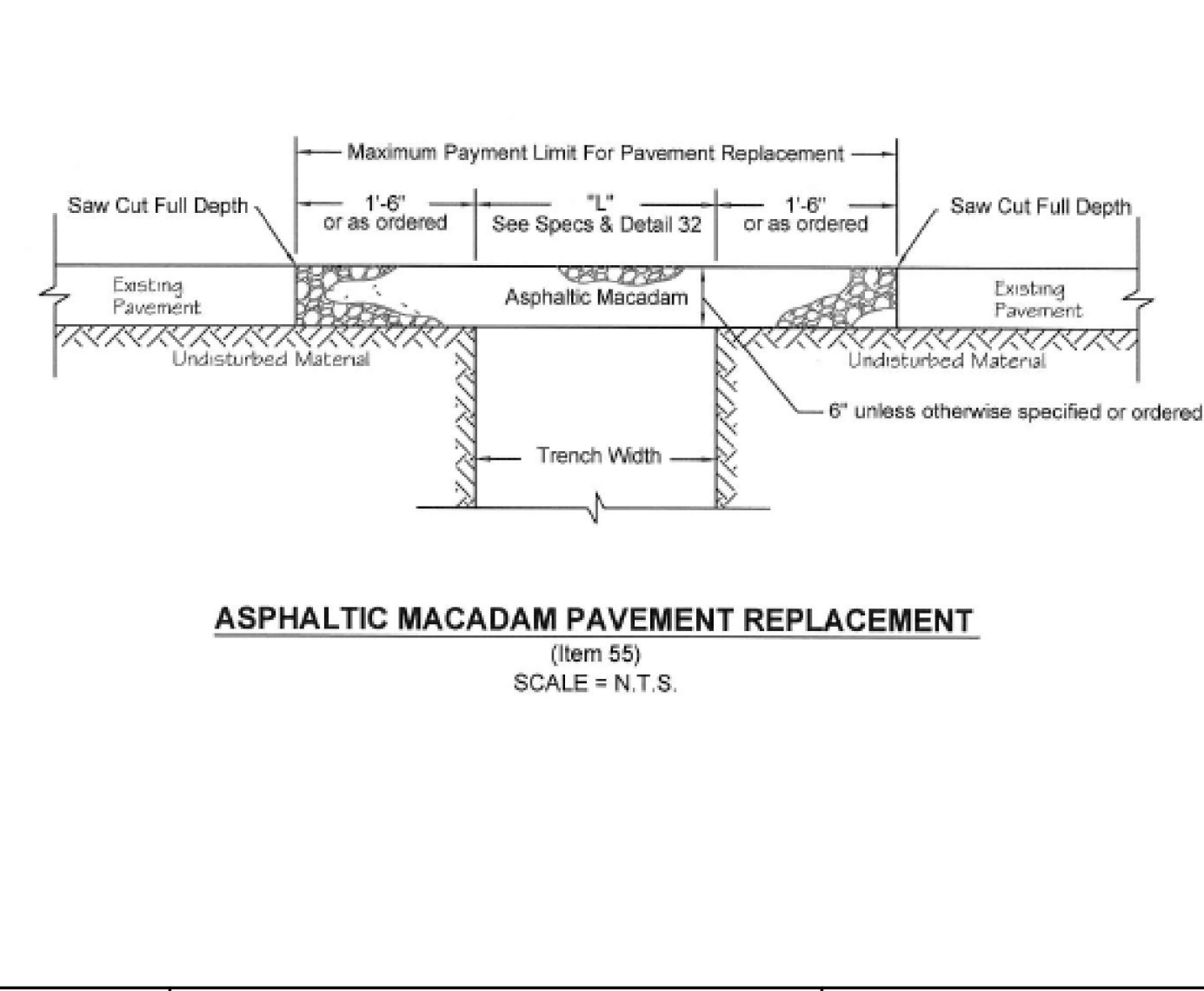
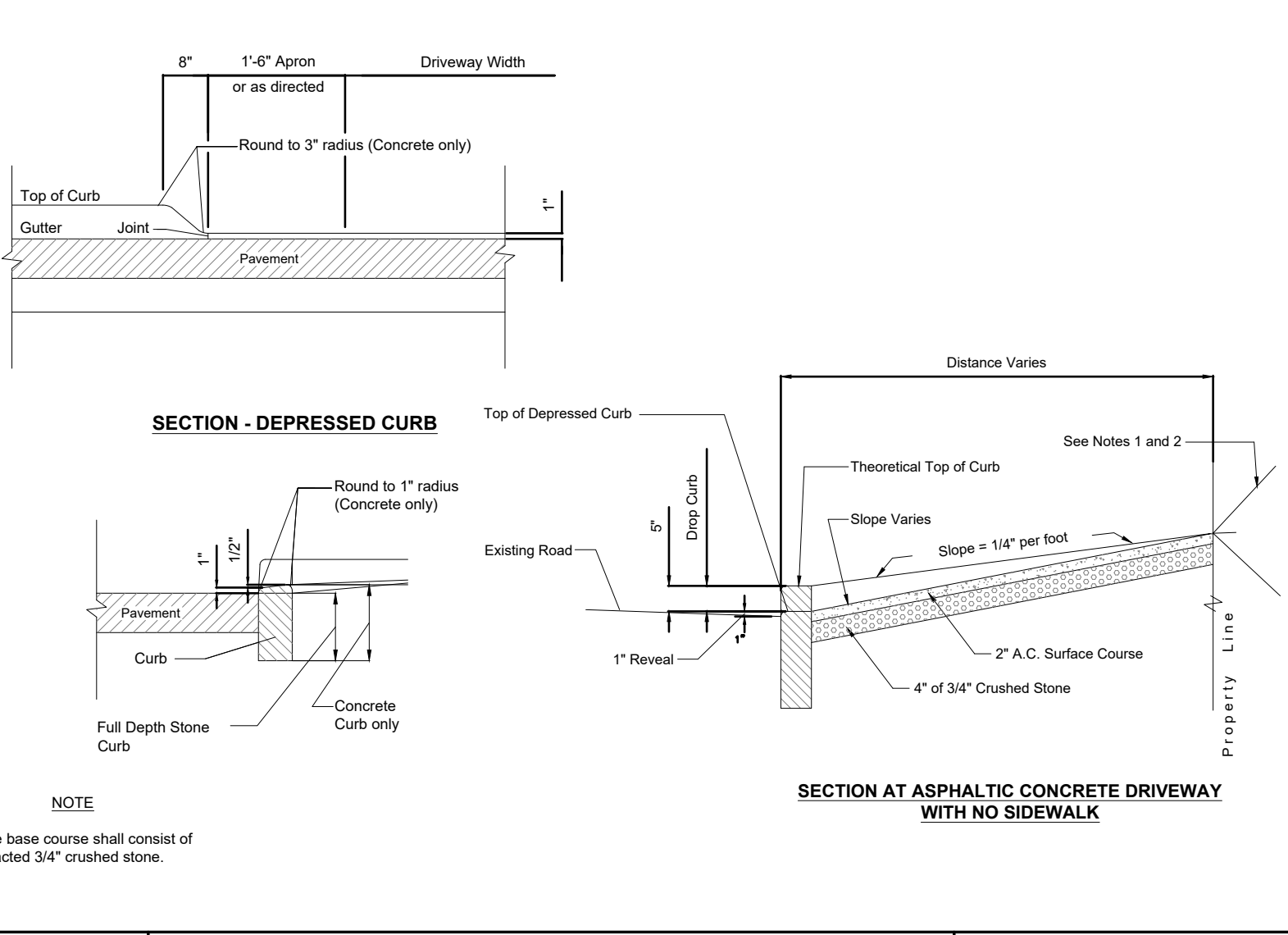
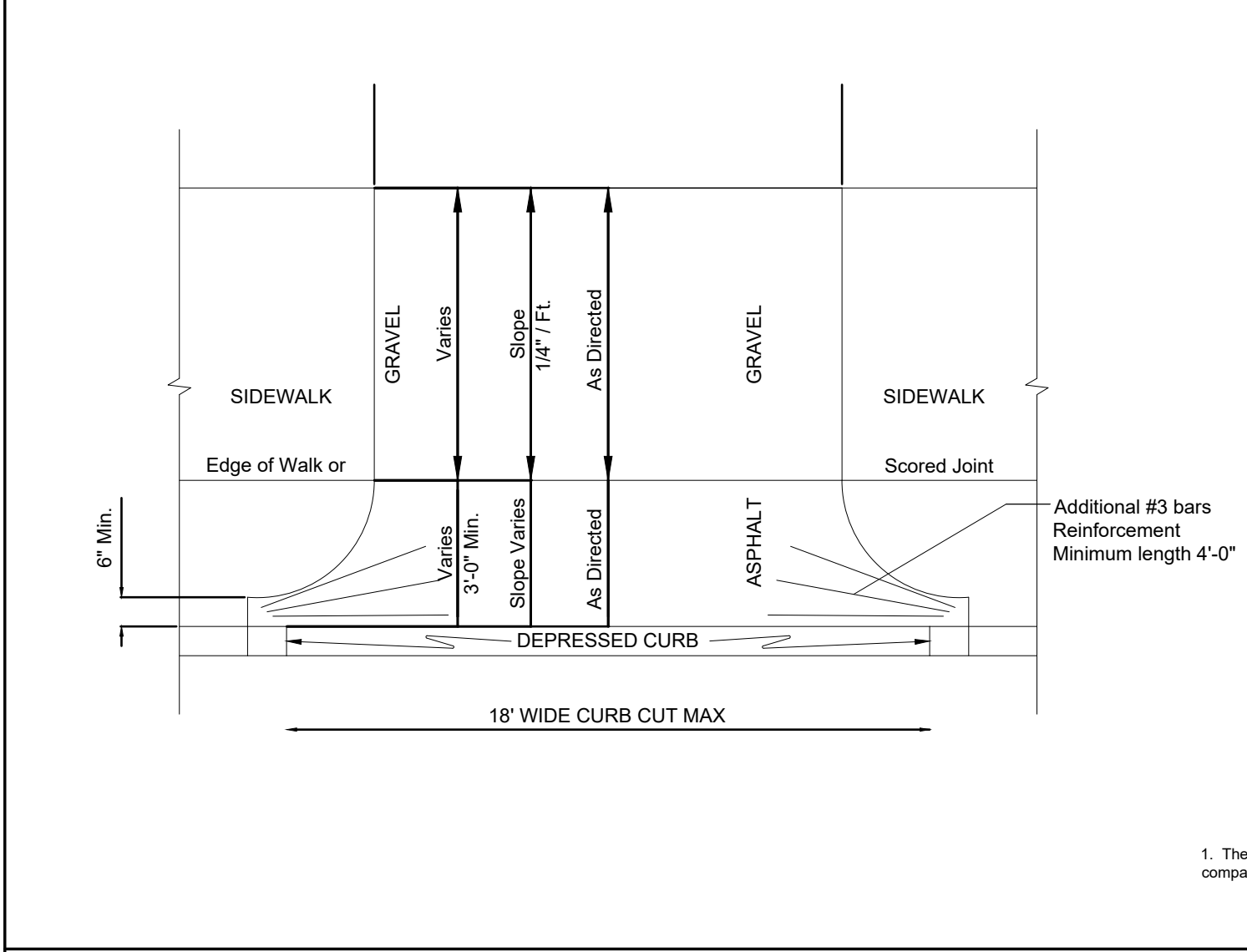
GABRIEL E. SENOR, P.C.
CONSULTING ENGINEER LAND SURVEYORS
90 NORTH CENTRAL AVE., HARTSDALE, NEW YORK, 10530
(914) 422-0070 FAX 422-3009

SCALE: 1" = 10'

DATE: OCTOBER 03, 2021

DRAWN BY: GC CHECKED BY: ES.

SW-1



| NO | DATE | DESC | BY |
|----|------------|--------------------|-----|
| 4 | 05/5/2022 | | SGA |
| 3 | 04/11/2021 | PB COMM | GC |
| 2 | 03/06/2021 | REMOVE PUMP SYSTEM | GC |
| 1 | 12/11/2020 | RPRC DET LETTER | GC |

STORMWATER POLLUTION PREVENTION PLAN & EROSION CONTROL

PREPARED FOR: DINO DELAURENTIS

ADDRESS: 21 NETHERMONT AVE
NORTH CASTLE, NY (WHITE PLAINS P.O.)

TAX ID: SECTION 122.16 - TAX BLOCK 4 - LOT 41

SITUATED IN THE
TOWN OF NORTH CASTLE
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CONSULTING ENGINEER - LAND SURVEYOR
90 NORTH CENTRAL AVE., HARRISBURG, NEW YORK, 10530
(914) 422-0070 FAX 422-3009

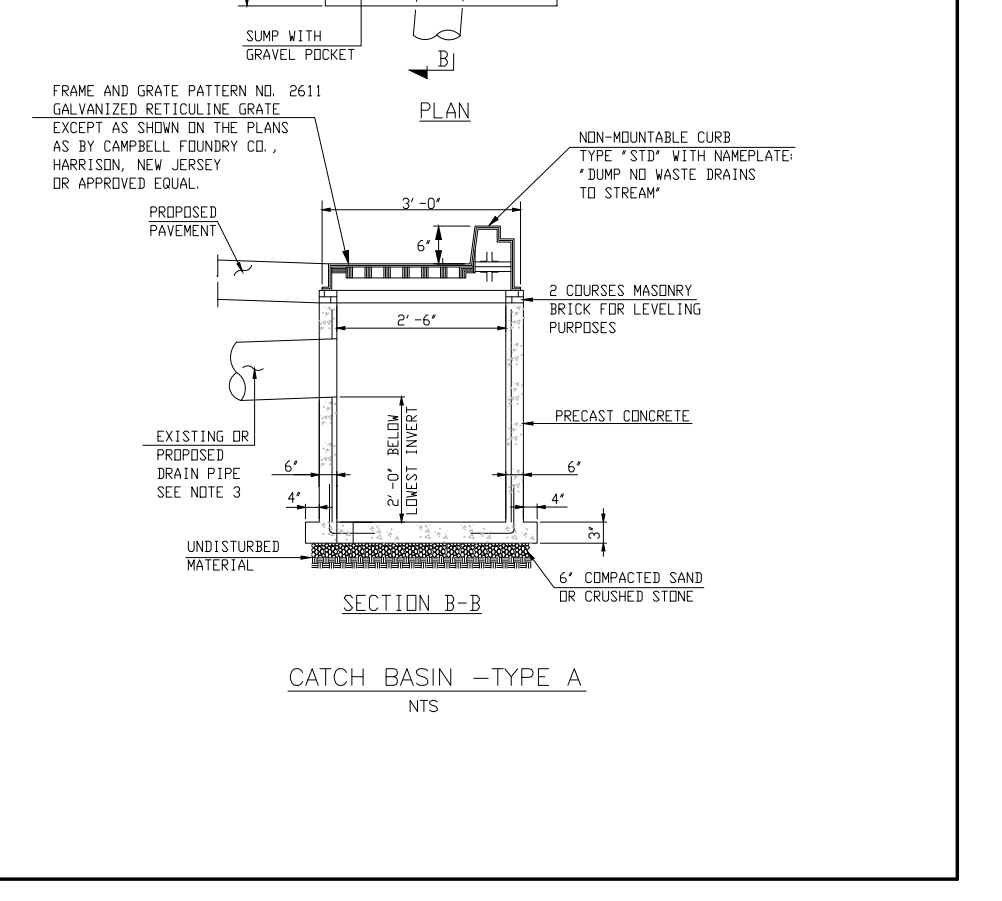
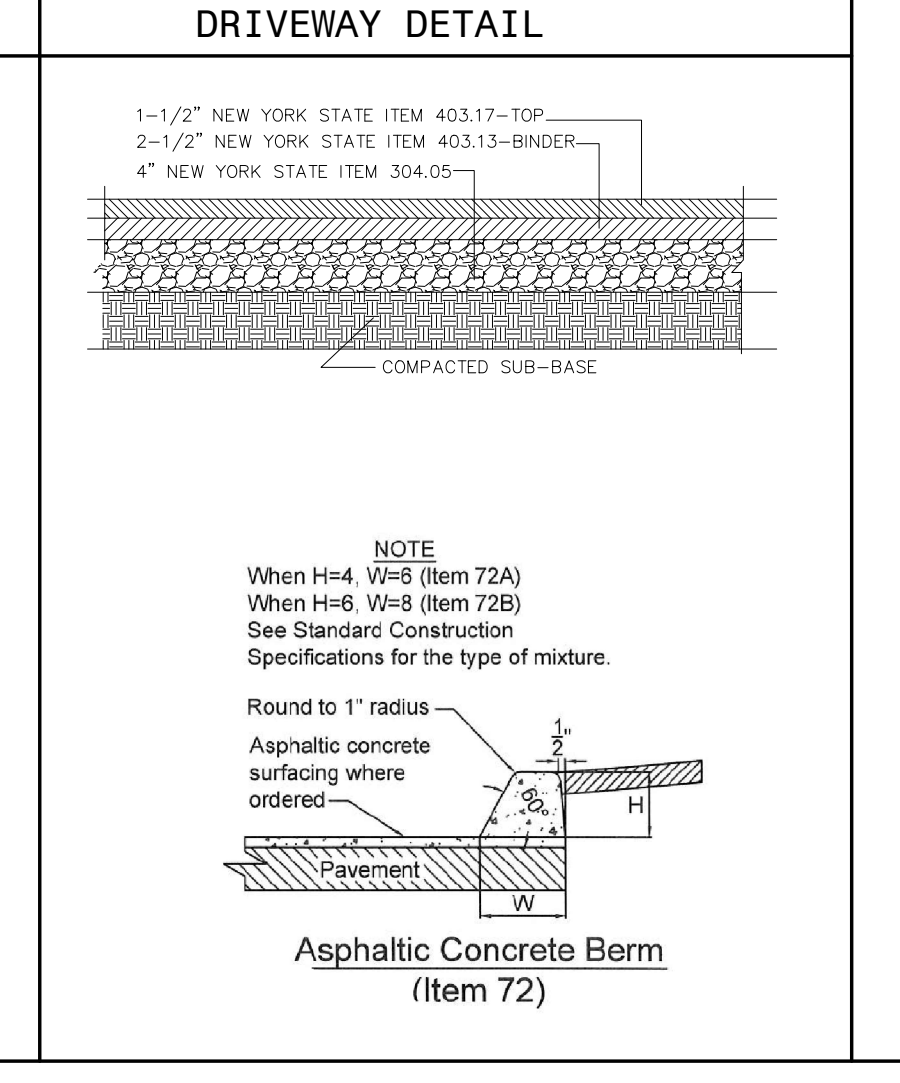
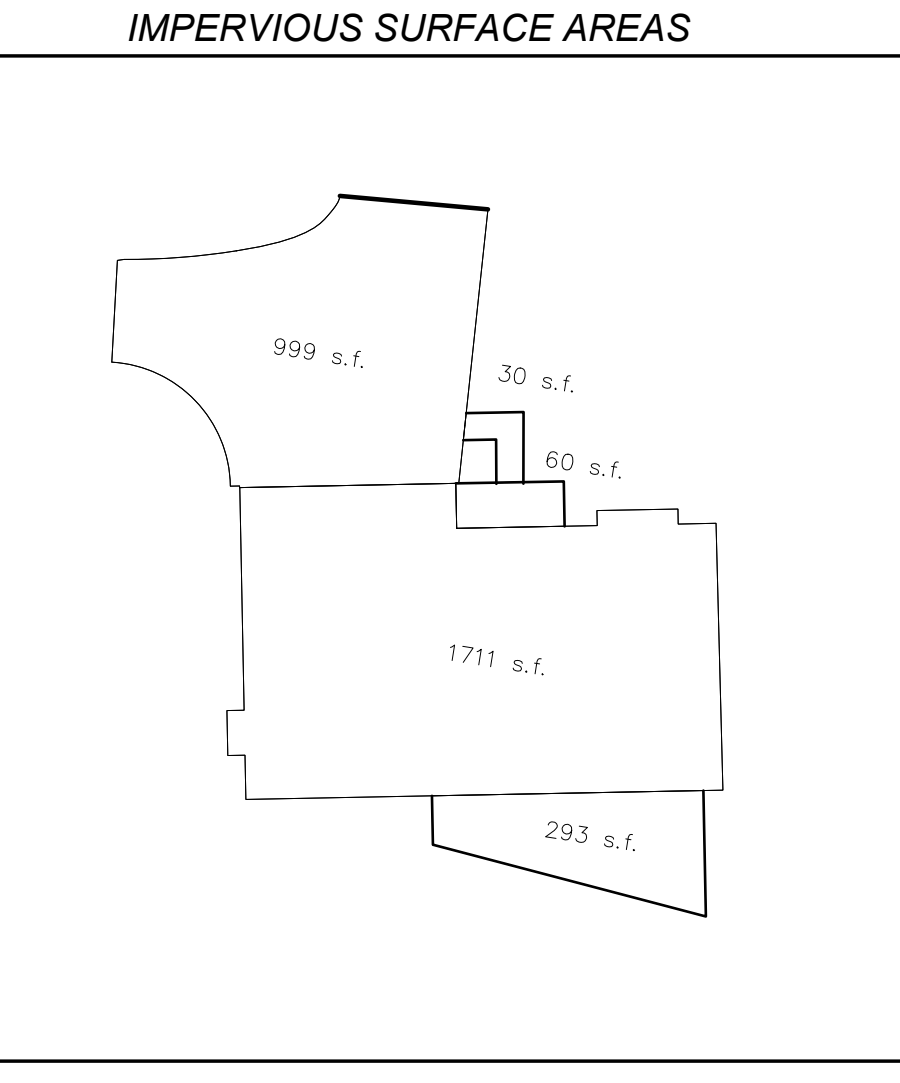
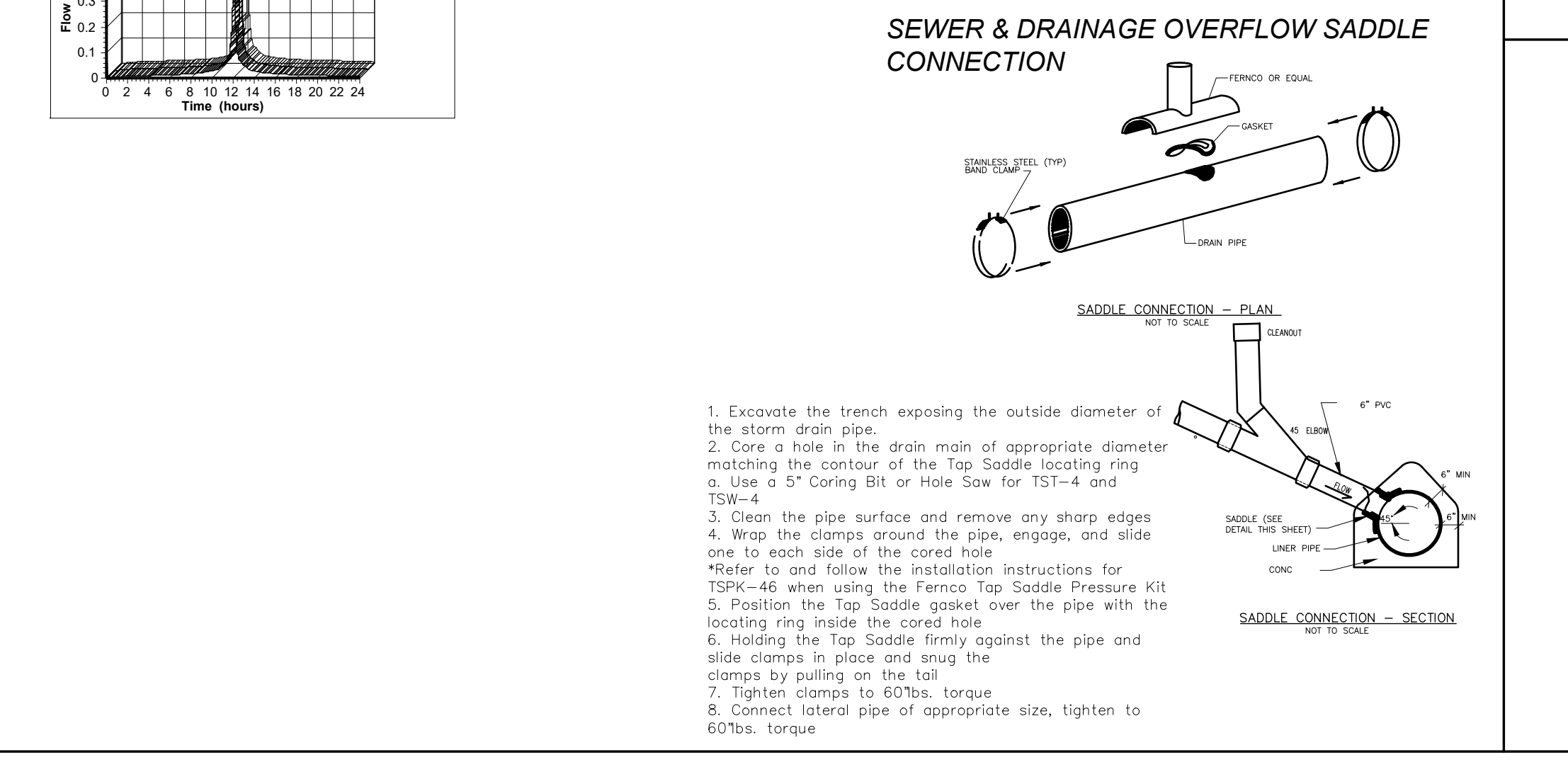
APPROVED BY TOWN OF NORTH CASTLE PLANNING BOARD RESOLUTION, DATED: _____

CHRISTOPHER CARTHY, CHAIRMAN
TOWN OF NORTH CASTLE PLANNING BOARD

ENGINEERING PLANS REVIEWED FOR CONFORMANCE TO RESOLUTION: _____

JOSEPH M. CERMELE, P.E.
KELLARD SESSIONS CONSULTING CONSULTING TOWN ENGINEER

"Variance from Section 355-59D of the North Castle Code permitting 116 ft of sight distance from the driveway looking northbound and 114 ft of sight distance from the driveway looking southbound granted by the North Castle Zoning Board of Appeals on 4-7-22."



SCALE: as shown
DATE: SEPTEMBER 10, 2020
DRAWN BY: GC
CHECKED BY: ES.

SW-2

SHEET 4 of 6

- NOTES:**
- TOPOGRAPHIC DATA USED IN THE SIGHT DISTANCE ANALYSIS WAS TAKEN FROM WESTCHESTER COUNTY GIS
 - ALL STOPPING SIGHT DISTANCE AND LINE OF SIGHT CALCULATIONS SHOWN, WERE PERFORMED BY PROVIDENT DESIGN ENGINEERING, AND ARE ATTACHED AS PART OF THIS SUBMITTAL.

APPROVED BY TOWN OF NORTH CASTLE PLANNING BOARD RESOLUTION, DATED: _____

DATE: _____
CHRISTOPHER CARTHY, CHAIRMAN
TOWN OF NORTH CASTLE PLANNING BOARD

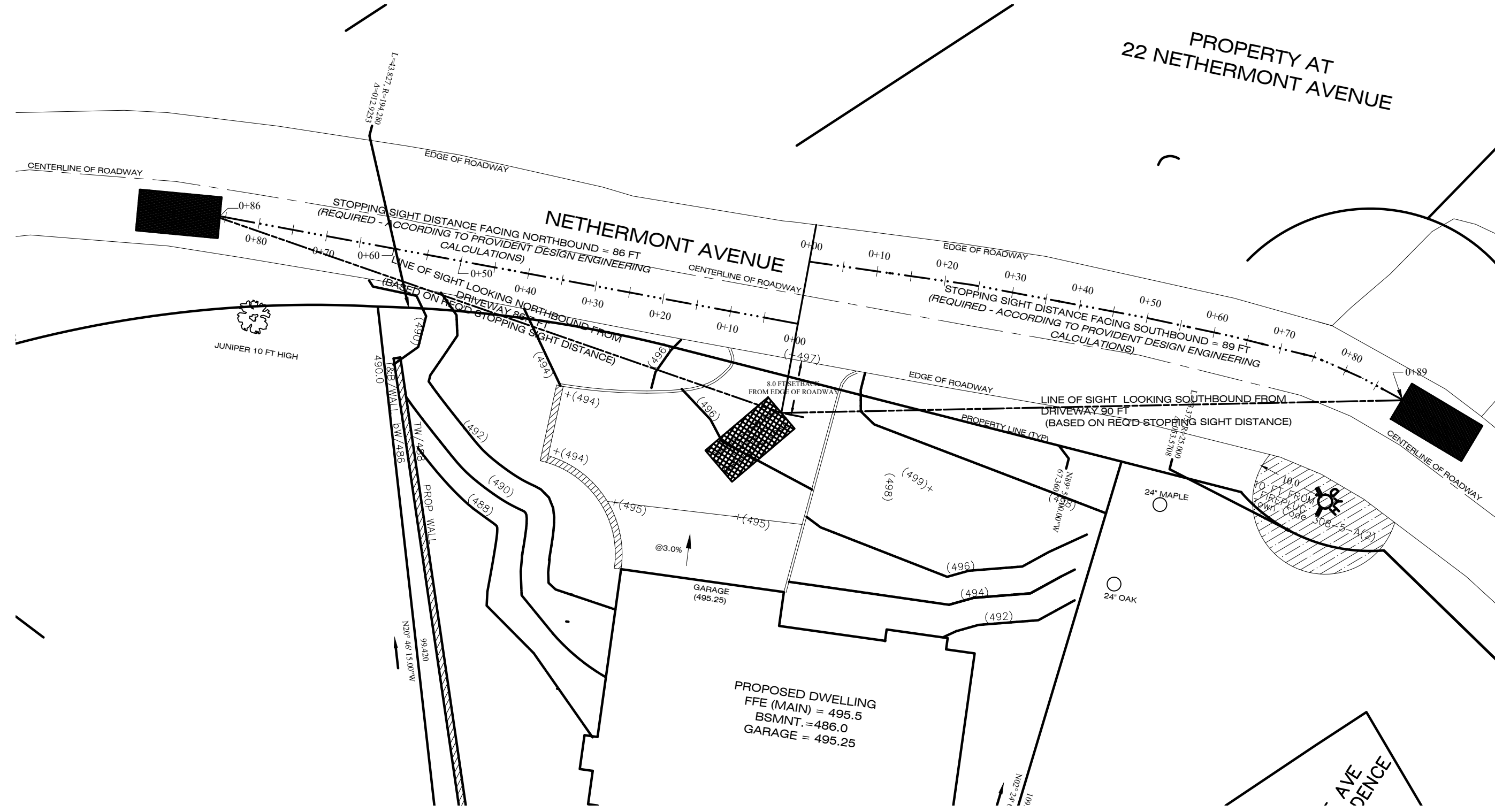
ENGINEERING PLANS REVIEWED FOR CONFORMANCE TO RESOLUTION: _____

DATE: _____
JOSEPH M. CERMELE, P.E.
KELLARD SESSIONS CONSULTING
CONSULTING TOWN ENGINEERS

"Variance from Section 355-59D of the North Castle Code permitting 116 ft of sight distance from the driveway looking northbound and 114 ft of sight distance from the driveway looking southbound granted by the North Castle Zoning Board of Appeals on 4-7-22."

REQUIRED STOPPING SIGHT DISTANCE BASED ON PROVIDENT DESIGN ENGINEERING CALCULATIONS

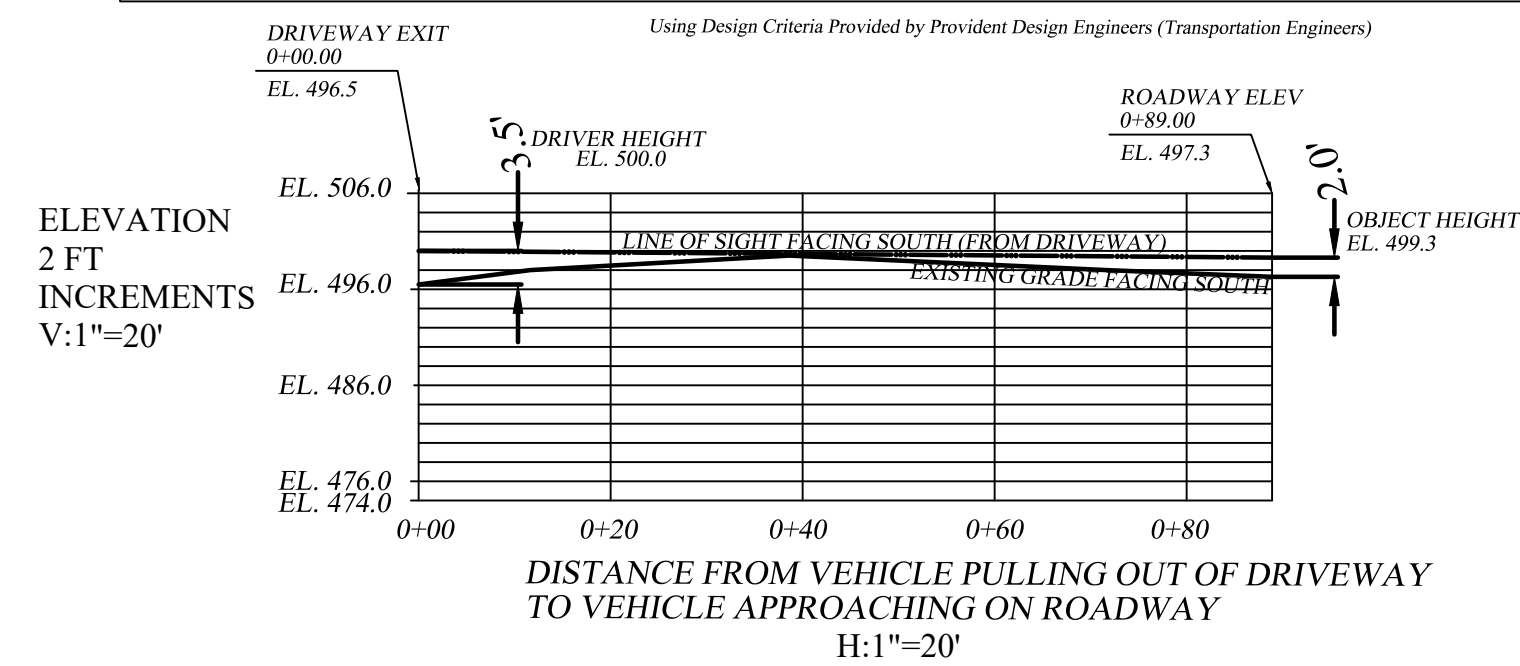
SCALE: 1" = 15'



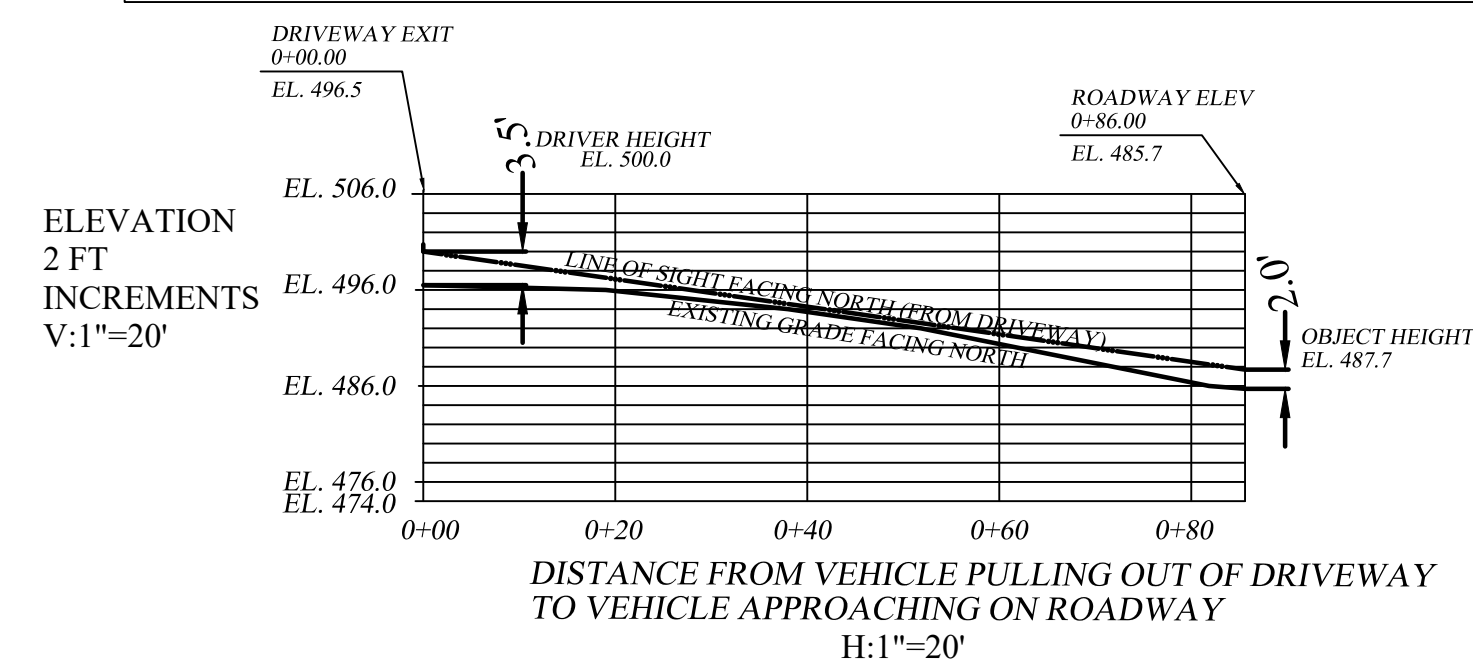
LINE OF SIGHT PROFILES BASED ON REQUIRED STOPPING SIGHT DISTANCE

Using Design Criteria Provided by Provident Design Engineers (Transportation Engineers)

LINE OF SIGHT PROFILE LOOKING SOUTHBOUND - BASED ON REQUIRED STOPPING SIGHT DISTANCE

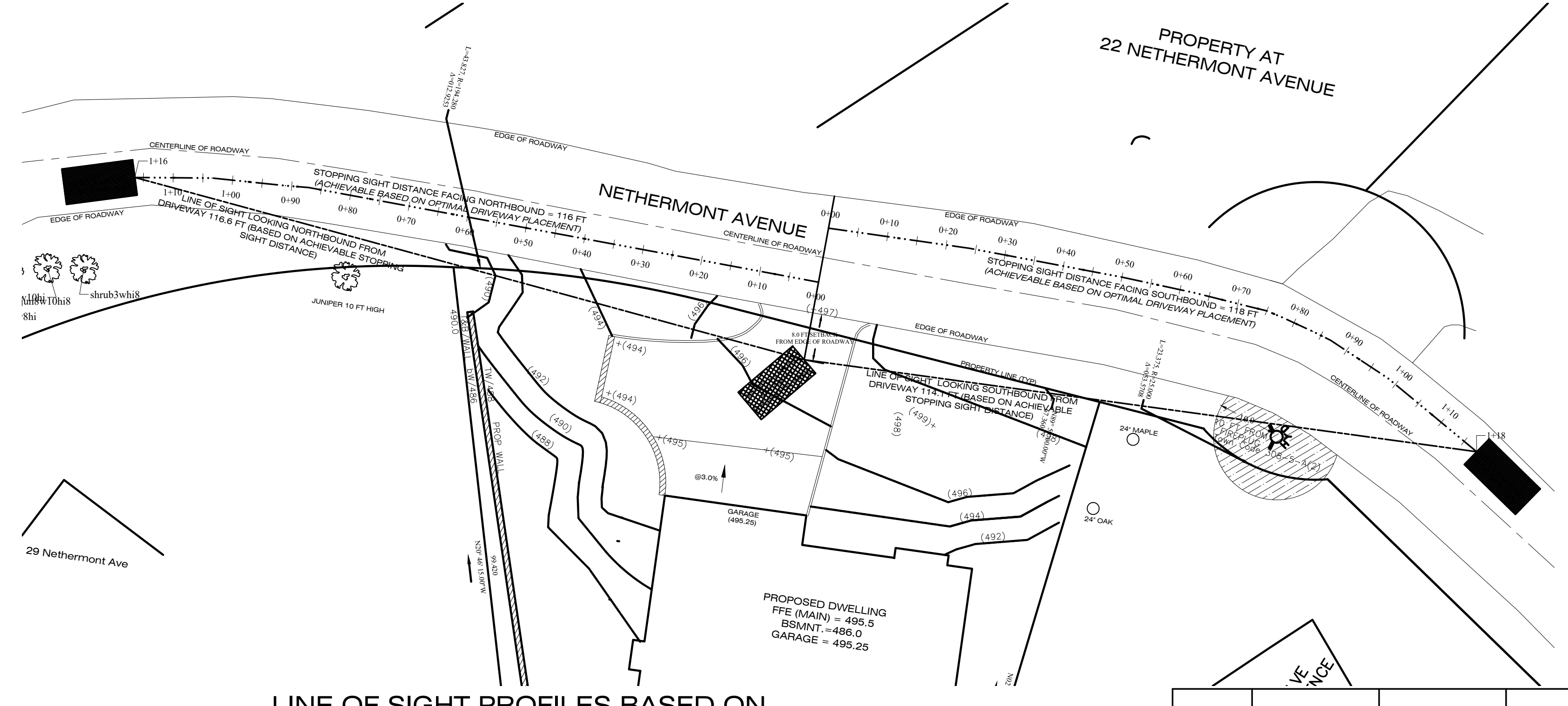


LINE OF SIGHT PROFILE LOOKING NORTHBOUND - BASED ON REQUIRED STOPPING SIGHT DISTANCE



ACHIEVABLE STOPPING SIGHT DISTANCE BASED ON OPTIMAL DRIVEWAY PLACEMENT

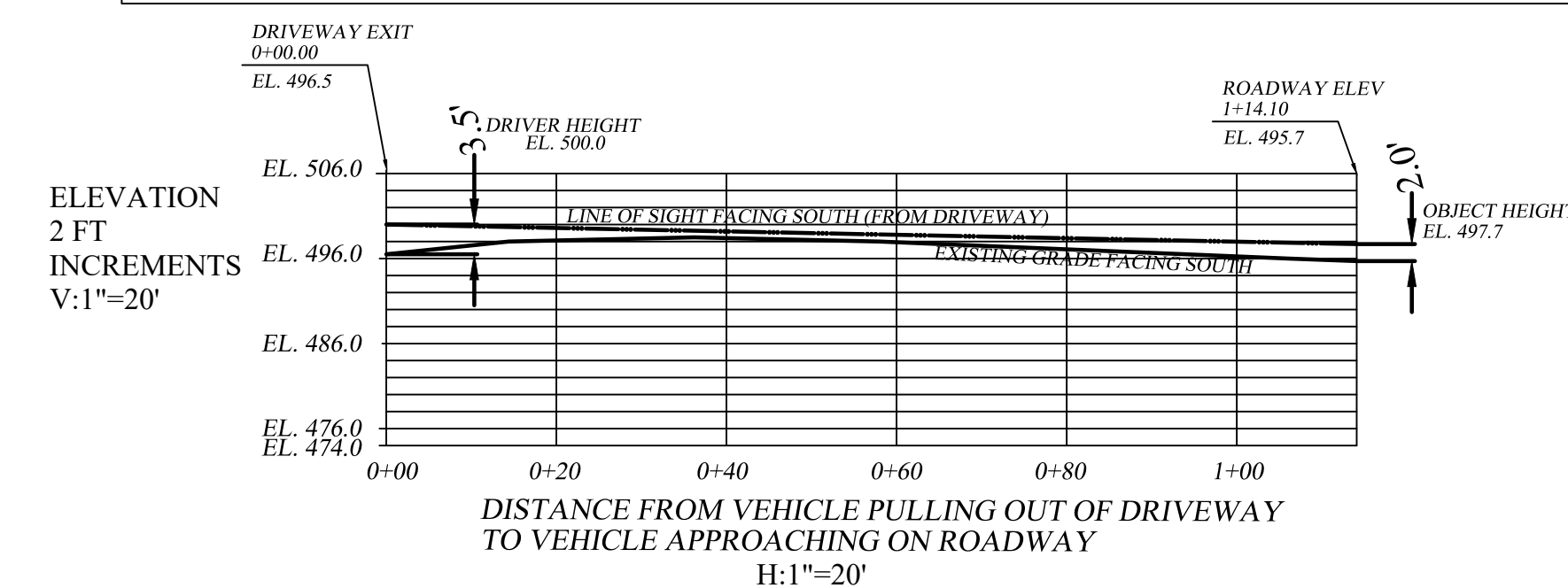
SCALE: 1" = 15'



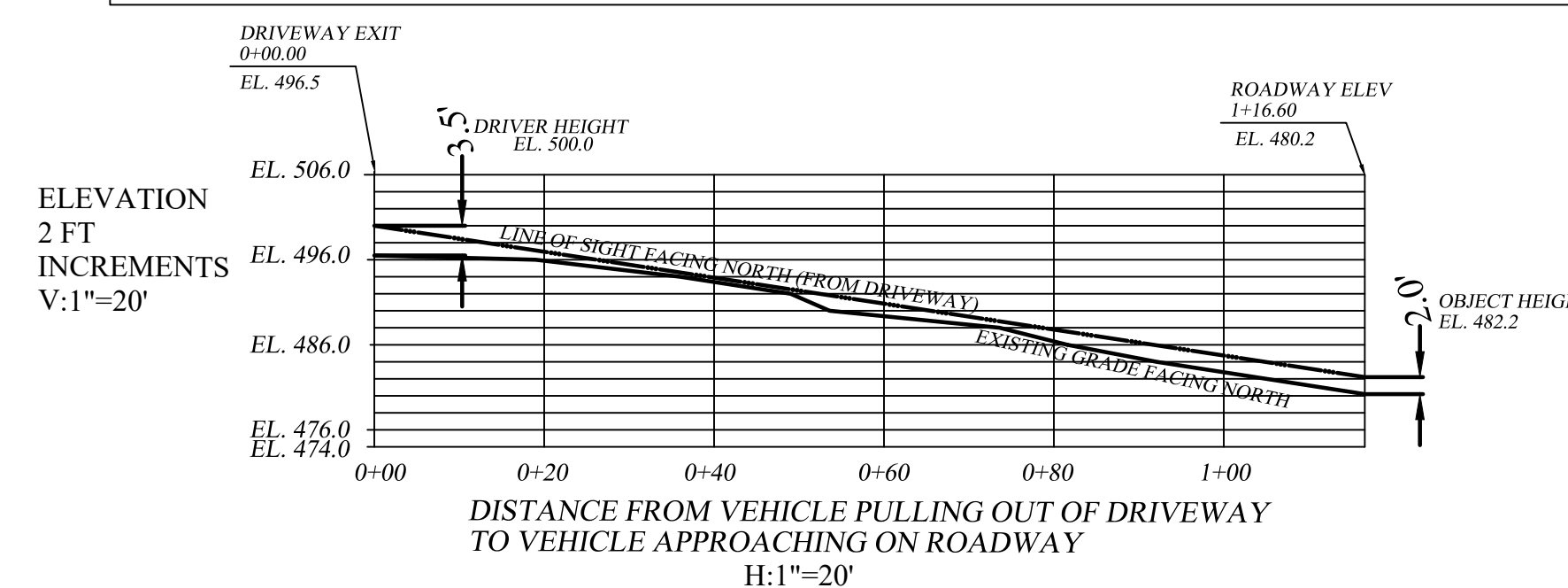
LINE OF SIGHT PROFILES BASED ON ACHIEVABLE STOPPING SIGHT DISTANCE

Using Design Criteria Provided by Provident Design Engineers (Transportation Engineers)

LINE OF SIGHT PROFILE LOOKING SOUTHBOUND - BASED ON ACHIEVABLE STOPPING SIGHT DISTANCE




LINE OF SIGHT PROFILE LOOKING NORTHBOUND - BASED ON ACHIEVABLE STOPPING SIGHT DISTANCE



| NO | DATE | DESC | BY |
|----|------|------|----|
| | | | |
| | | | |
| | | | |
| | | | |

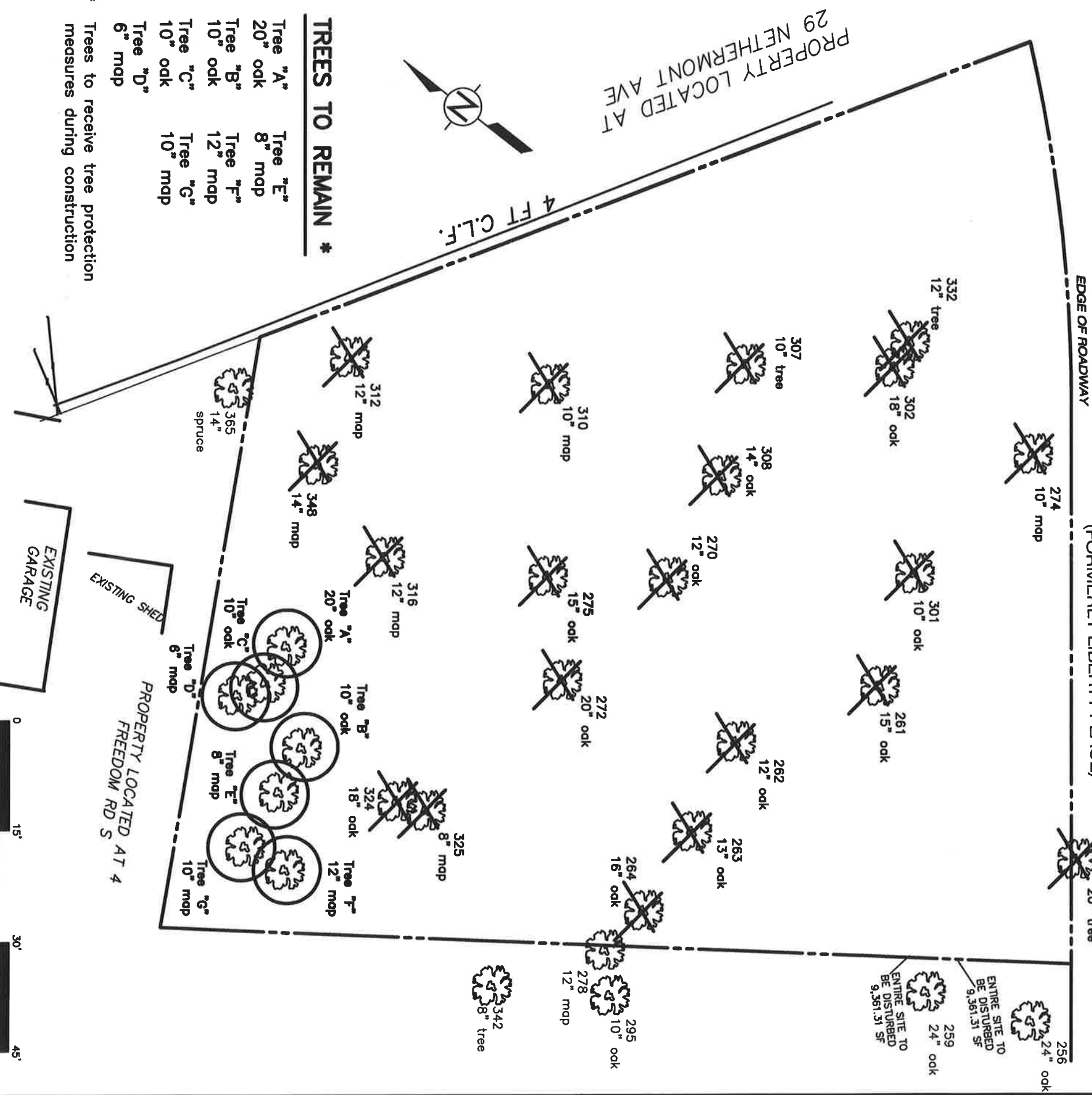
21 NETHERMONT ZBA SIGHT DISTANCE ANALYSIS
 PREPARED FOR: DINO DELAURENTIS
 ADDRESS: 21 NETHERMONT AVE
 NORTH CASTLE, NY (WHITE PLAINS P.O.)
 TAX ID: SECTION 122.16 - TAX BLOCK 4 - LOT 41
 SITUATED IN THE
TOWN OF NORTH CASTLE
 WESTCHESTER COUNTY, NEW YORK

COPYRIGHT GABRIEL E. SENOR, P.C. 2016
GABRIEL E. SENOR, P.C.
 CONSULTING ENGINEER AND SURVEYORS
 90 NORTH CENTRAL AVE., HARTSDALE, NEW YORK, 10530
 (914) 422-0070 FAX 422-3009



SCALE: AS SHOWN
 DATE: OCTOBER 22, 2021
 DRAWN BY: GC CHECKED BY: ES.
 SD-1

NETHERMONT AVENUE
(FORMERLY LIBERTY PLACE)



TREES TO REMAIN *

- Tree "A" 20" oak
- Tree "B" 10" oak
- Tree "C" 10" oak
- Tree "D" 6" map
- Tree "E" 8" map
- Tree "F" 12" map
- Tree "G" 10" map

* Trees to receive tree protection measures during construction

| TREES TO REMOVE ** | | | |
|--------------------|-----------------|----------------|----------------|
| 274 10" map | 261 15" oak | 263 13" oak | 312 12" map |
| 257 20" tree | 307 10" tree | 310 10" map | 316 12" map |
| 332 12" tree | 308 14" oak | 275 15" oak | 316 12" map |
| 302 18" oak | 270 12" oak | 272 20" oak | 316 12" map |
| 301 10" oak | 262 12" oak | 264 16" oak | 325 8" map |

** Removals due to construction & proposed development including:
Excavation, trenching, filling, grading, stormwater requirements, etc.

SCALE: 1" = 15'-0"



LEGEND:



EXISTING TREE to Remain
& HAVE PROTECTIVE BARRIER
DURING CONSTRUCTION

X 272
20" oak EXISTING TREE to Remove

Total Removal
271 cal. inch

WALTER G. NESTLER P.C.
LANDSCAPE ARCHITECT ASLA
ISA CERTIFIED ARBORIST

511 BOLTON AVENUE
BRONX, NEW YORK 10473-2901
VOICE & FAX: (718) 842-5356
E-MAIL: WGNESTLER@AOL.COM



Existing Tree Location & Removal Plan

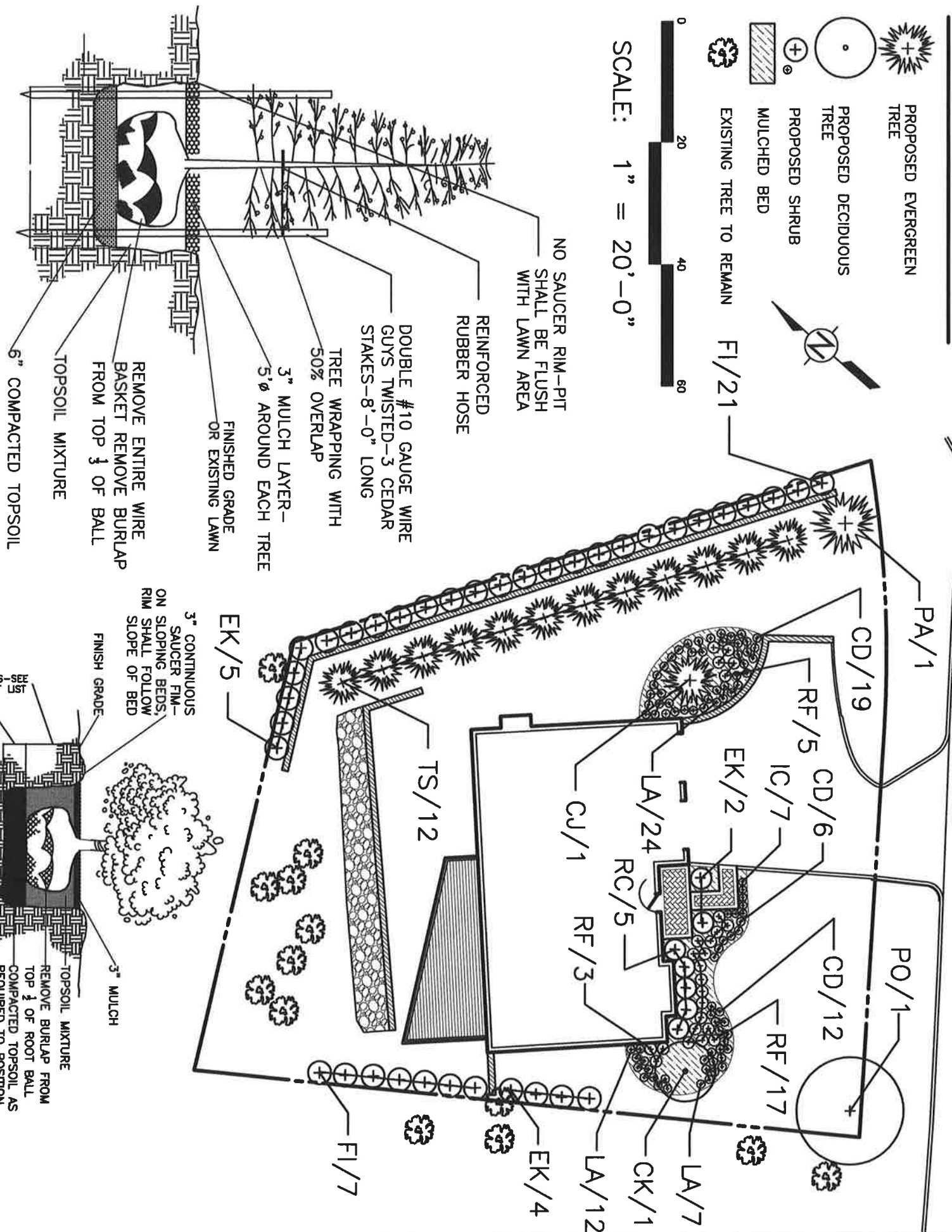
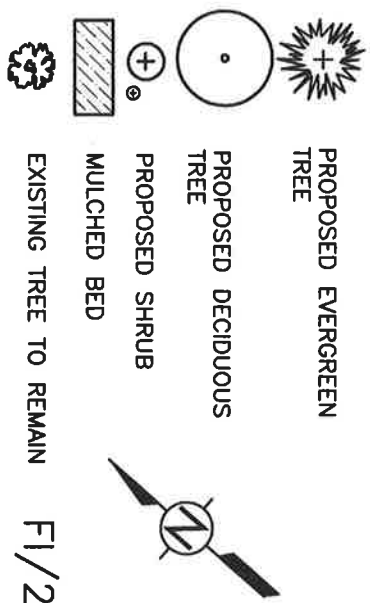
Application No.: 2020-2947

21 Nethermont Avenue
White Plains, New York 10603

Tax ID: 122.16-4-41
Zoning District: R-5

May 4, 2022
Sheet: 1 of 2

LEGEND:



EVERGREEN TREE PLANTING

Not To Scale

SHRUB PLANTING DETAIL

Not To Scale

PROPOSED PLANT LIST

| Sym. | Quantity | Botanical Name | Common Name | Size | Spacing | Remarks |
|------|----------|--------------------------|------------------------------|---------|---------|------------------------------|
| CD | 37 | Cotoneaster dammeri | Bearberry Contoneaster | 1 gal.. | 3' min. | Full, Symmetrical spreading |
| CK | 1 | Cornus kousa | Korean Dorwood | 3" cdl. | NA - | multi stem, low branching |
| CJ | 1 | Cryptomeria japonica | Japanese Cedar | 8'-10' | NA - | Low branched, full to ground |
| IC | 7 | Ilex crenata convexa | Chinese Holly | 5 gal. | 3' min. | compact, symmetrical crown |
| LA | 43 | Leucothoe axillaris | Fountain Leucothoe | 1 gal. | 3' min. | multi stem, 5-6 per plant |
| PO | 1 | Platanus occidentalis | American Sycamore | 3" cdl. | NA - | pruned 5' min above grade |
| RF | 25 | Rhododendron fortunei | Delaware Valley White Azalea | 7 gal. | 4' min. | full, tight crown |
| RC | 5 | Rhododendron catawbiense | Roseum Elegans Rhododendron | 7 gal. | 5' min. | full, tight crown |

NOTE: All planting beds to receive 2" shredded cedar bark mulch

PROPOSED PLANT LIST - Evergreen & Deciduous Screen Planting

| Sym. | Quantity | Botanical Name | Common Name | Size | Spacing | Remarks |
|------|----------|--|-----------------------|--------|----------|--|
| EK | 11 | Euonymus kiautschovicus | Euonymus "Manhattan" | 7 gal. | 5' min. | full, tight crown |
| F1 | 28 | Forsythia X intermedia | Common Forsythia | 5'-6' | 6' min. | Multi Stem, Low & full to grade |
| PA | 1 | Picea abies | Norway Spruce | 8'-10' | 12' min. | Low branched, symmetrical, full to grade |
| TS | 12 | Thuja standisjii x plicata "Green Giant" | Green Giant Arborvite | 6'-7' | 8' min. | Central Leader, Low & full to grade |

WALTER G. NESTLER P.C.
 LANDSCAPE ARCHITECT ASLA
 ISA CERTIFIED ARBORIST

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 BRONX, NEW YORK 10473-2901
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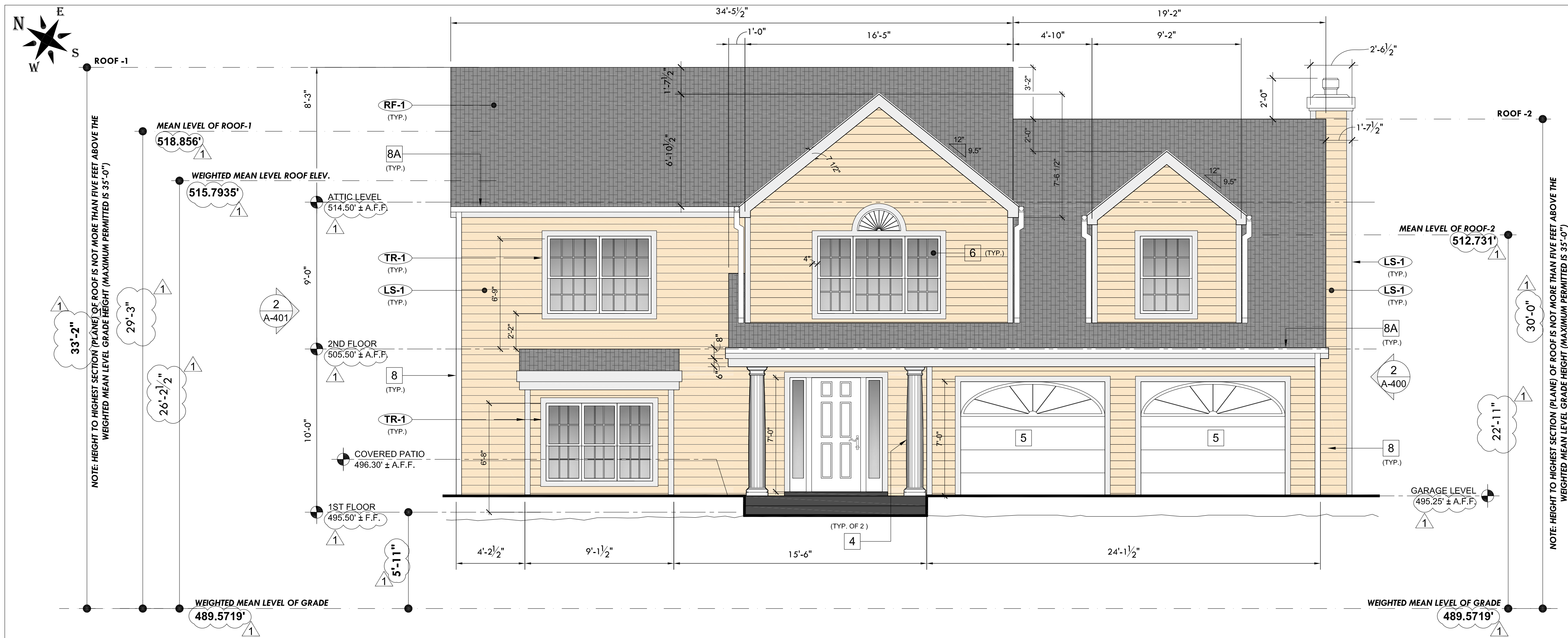
PLANTING PLAN

Application No.: 2020-2947

21 Nethermont Avenue
 White Plains, New York 10603

Tax ID: 122.16-4-41
 Zoning District: R-5

May 4, 2022
 Sheet: 2 of 2



EAST ELEVATION (FRONT)

SCALE: 1/4" = 1'-0"

FINISH LEGEND

| FINISH | DESCRIPTION |
|--------------------|---|
| LS-1 LAP SIDING | MANUFACTURER:..... JAMESHARDIE FINISH:..... SMOOTH COLOR:..... DESIGNER CREAM SIZE:..... 6-1/4" WITH 5" EXPOSURE |
| TR-1 TRIM BOARD | MANUFACTURER:..... AZEK FINISH:..... SMOOTH COLOR:..... WHITE SIZE:..... |
| RF-1 ROOFING | MANUFACTURER:..... GAF TIMBERLINE HDZ FINISH:..... ASPHALT ROOF SHINGLES COLOR:..... CHARCOAL |

CONSTRUCTION KEY NOTES

- | NO. | DESCRIPTION |
|-----|---|
| 1 | SMOOTH FINISHED PARGED REINFORCED EXPOSE CONCRETE. |
| 2 | +42" HIGH P.T RAILING WITH 2x2 P.T BALUSTERS @ 4" O.C |
| 3 | 6x6 P.T COLUMNS OVER 18" DIA. "SONETUBE" FOOTING 42" MIN. BELOW GRADE |
| 4 | 12" Ø TAPERED COMPOSITE BEARING COLUMNS FOR ENTRY PORCH OVERHANG. (BEARING) |
| 5 | INSULATED GARAGE DOORS |
| 6 | DOUBLE GLAZED VINYL CLAD, DOUBLE HUNG OPERABLE WINDOWS (TYPICAL) - SEE WINDOW SCHEDULE |
| 7 | RETURN RAIN GUTTER ON SIDE OF BUILDING AND RUN CONCEALED BELOW ROOF LINE ABOVE FAMILY ROOM INTO CHIMNEY ENCLOSURE. TIE IN ALL RAIN LEADERS INTO STORM SYSTEM IN NETHERMONT AVENUE WITH GRAVITY DRAINAGE (TYPICAL) |
| 7A | INSTALL CONCEALED 4" PVC HEAVY WALL PIPE FOR CONTINUATION OF GRAVITY RAIN DRAINAGE TO NETHERMONT AVE. (SEE CIVIL DRAWINGS FOR REQUIREMENTS) |
| 8 | RAIN LEADERS TO BE TIED INTO GRAVITY DRAINAGE FOR DIRECT CONNECTION TO NETHERMONT AVE. STORM SYSTEM (SEE CIVIL DRAWINGS FOR REQUIREMENTS) |
| 8A | CONTINUOUS ALUM. RAIN GUTTER |
| 9 | INSTALL RAIN GUTTER ON SIDE OF BUILDING & PENETRATE ROOF WHERE THE GUTTER INTERSECTS THE SLOPING ROOF SEE NORTH ELEVATION ON DWG. A-400 |
| 10 | LINE OF RAIN GUTTER CONCEALED ABOVE FAMILY ROOM INTO CHIMNEY |
| 11 | WOOD FRAMED CHIMNEY TO BE CANTILEVERED OUT AT BOTTOM WITH TRIPLED UP 2x10's AT EACH END. 2x10's TO PROJECT INTO FLOOR FRAMING THE SAME DISTANCE AS CANTILEVERED. |
| 12 | FOR CONTINUATION OF GRAVITY STORM DRAINAGE (SEE CIVIL DRAWINGS) |
| 13 | NEW RETAINING WALL (SEE CIVIL DRAWINGS) |
| 14 | BOTT. OF GRADE ELEVATION ALONG REAR OF BUILDING = 483.6 495.5 - 483.6 = 11'-11" HEIGHT FROM REAR GRADE TO 1ST FLOOR - (LESS THAN 12'-0") |
| 15 | WOOD DECK WITH HANDRAILS (+2'-10") AND STEPS DOWN TO GRADE. |

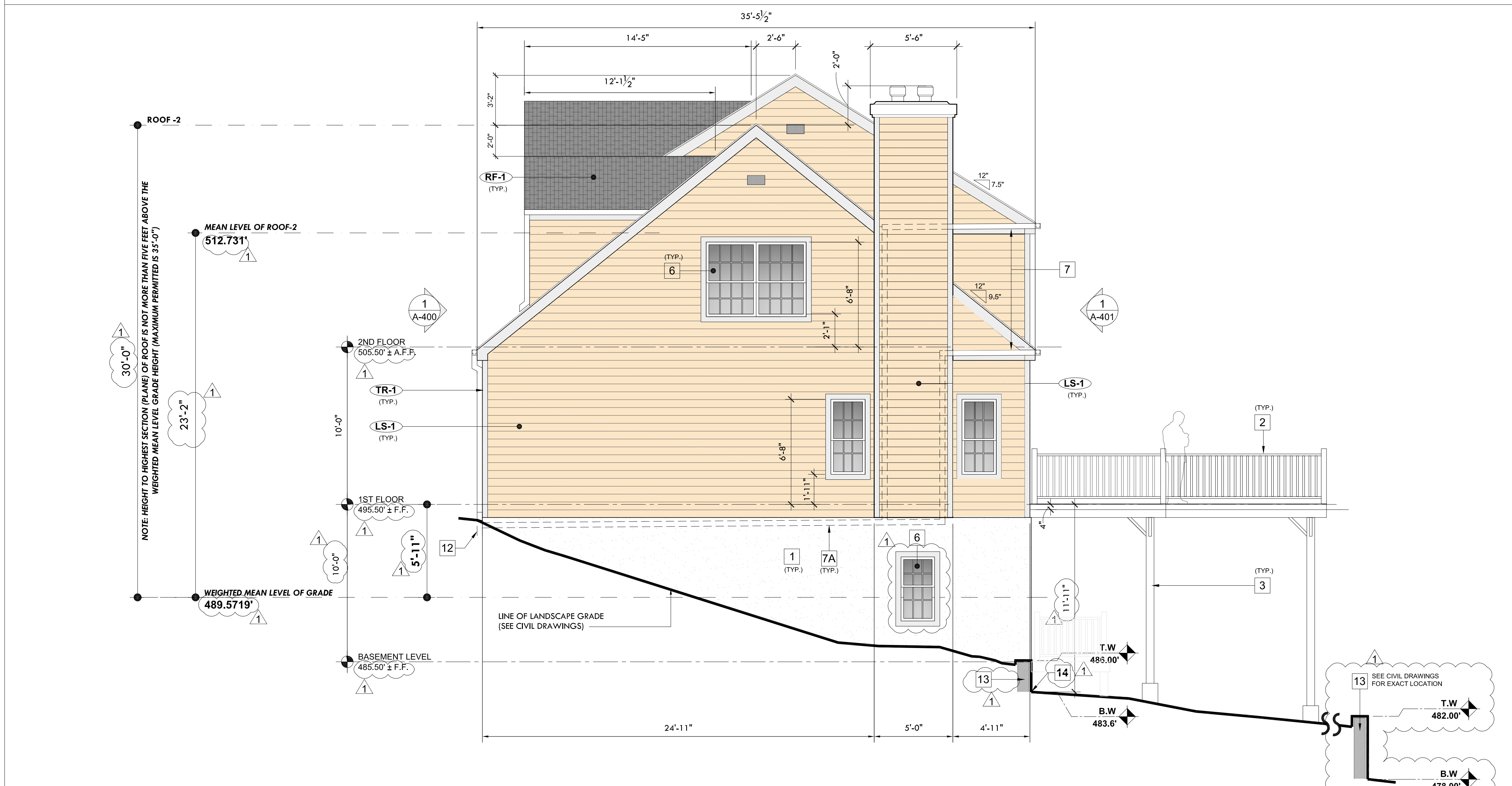
WEIGHTED MEAN ROOF ELEVATION CALCULATIONS
(WEIGHTED MEAN LEVEL OF GRADE = 488.5719')

EAST ELEVATION
 A. SOUTH SIDE ROOF MEAN ELEVATION = 29'-3"
 B. NORTH SIDE ROOF MEAN ELEVATION = 23'-2"
WEIGHTED MEAN ROOF ELEVATION EAST SIDE
 A + B / 2 = 26 - 2-1/2" ABOVE MEAN GRADE ELEVATION

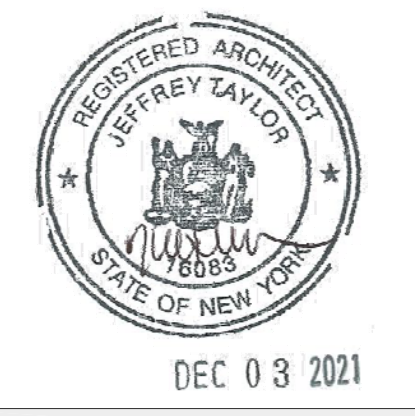
NORTH ELEVATION
 A. MEDIAN LEVEL OF END GABLE ROOF = 23'-2"
23'-2" ABOVE MEAN GRADE ELEVATION

NORTH ELEVATION (SIDE)

SCALE: 1/4" = 1'-0"



JEFFREY TAYLOR ARCHITECT
 572 NORTH BROADWAY
 WHITE PLAINS, NEW YORK 10603
 TEL 914 289 0011



REVISIONS:

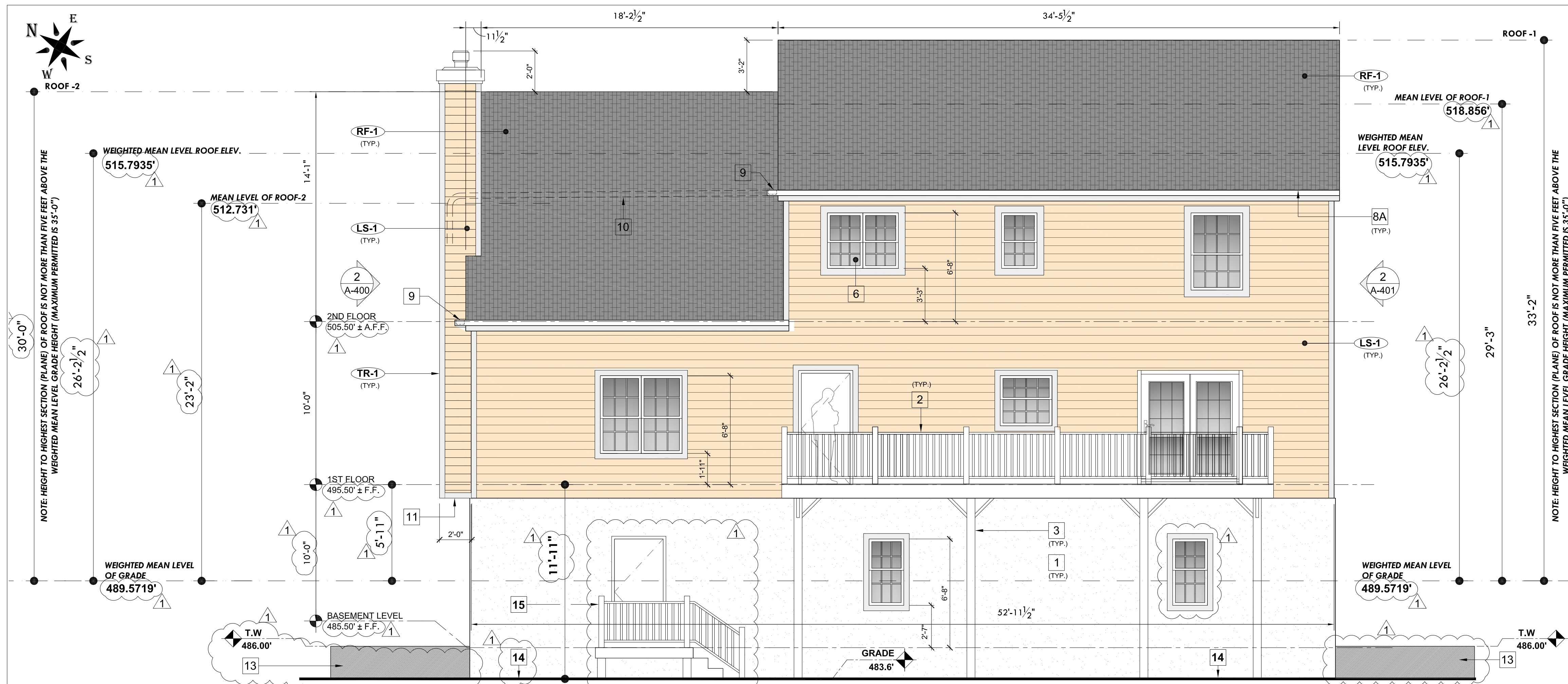
| NO. | DATE | DESCRIPTION |
|-----|----------|---|
| 12 | 12.14.20 | REVISED PER RPRC COMMENTS |
| 13 | 02.17.21 | ISSUED FOR ARB REVIEW |
| 14 | 12.03.21 | REVISED PER CIVIL ENGINEERING GRADE REVISIONS |

PROJECT NO. 9458
 START DATE: 08.02.20
 DRAWN BY: FTA (R.M)
 SCALE: AS NOTED

SHEET TITLE:
EXTERIOR ELEVATIONS

DELAURENTIS RESIDENCE
 NEW HOUSE CONSTRUCTION
 21 NETHERMONT AVENUE
 TOWN OF NORTH CASTLE, NY 10504

SHEET NO:
A-400.01

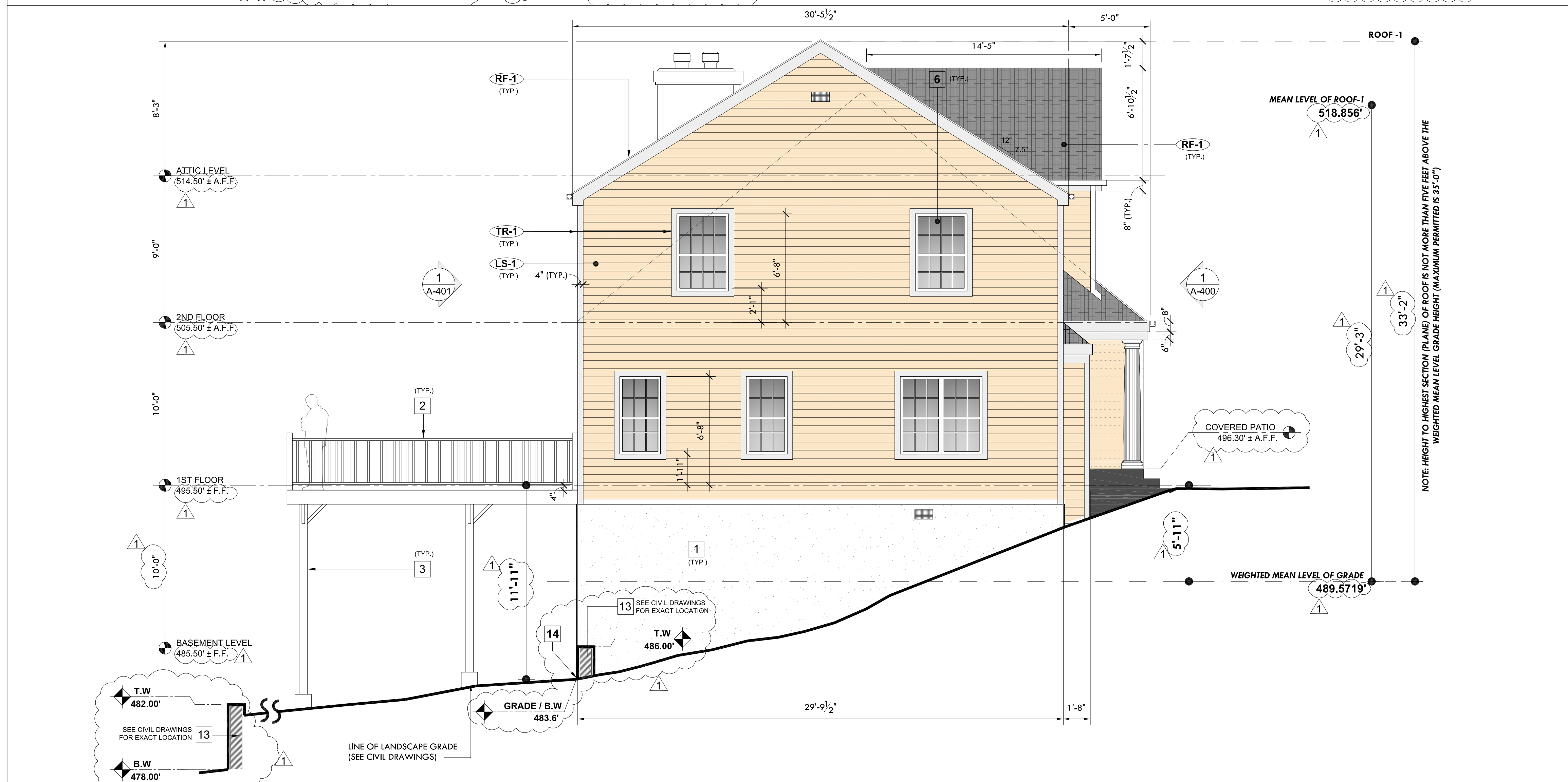


WEST ELEVATION (REAR)

| FINISH | DESCRIPTION |
|--------------------|---|
| LS-1 LAP SIDING | MANUFACTURER:..... JAMESHARDIE FINISH:..... SMOOTH COLOR:..... DESIGNER CREAM SIZE:..... 6-1/4" WITH 5" EXPOSURE |
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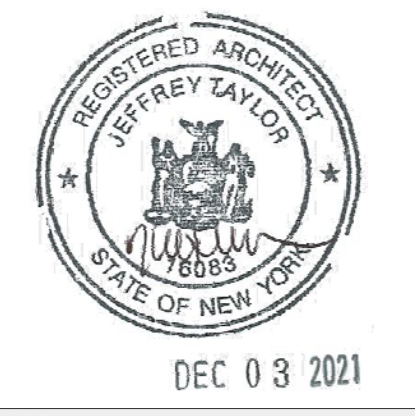
| NO. | DESCRIPTION |
|-----|---|
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| WEIGHTED MEAN ROOF ELEVATION CALCULATIONS (WEIGHTED MEAN LEVEL OF GRADE = 489.5719) | |
|---|--------|
| WEST ELEVATION | |
| A. NORTH SIDE ROOF MEAN ELEVATION = | 23'-2" |
| B. SOUTH SIDE ROOF MEAN ELEVATION = | 29'-3" |
| WEIGHTED MEAN ROOF ELEVATION WEST SIDE $A + B / 2 = 26 - 2-1/2$ ABOVE MEAN GRADE ELEVATION | |
| SOUTH ELEVATION | |
| A. MEDIAN LEVEL OF END GABLE ROOF= | 29'-3" |
| 29'-3" ABOVE MEAN GRADE ELEVATION | |



SOUTH ELEVATION (SIDE)

JEFFREY TAYLOR ARCHITECT
572 NORTH BROADWAY
WHITE PLAINS, NEW YORK 10603
TEL 914 289 0011



| REVISIONS: | REVISIONS PER RPRC COMMENTS |
|------------|---|
| 12.14.20 | REVISED FOR ARB REVIEW |
| 02.17.21 | ISSUED FOR ARB REVIEW |
| 12.03.21 | REVISED PER CIVIL ENGINEERING GRADE REVISIONS |

PROJECT NO. 9458
START DATE: 08.02.20
DRAWN BY: FTA (R.M)
SCALE: AS NOTED

SHEET TITLE:
EXTERIOR ELEVATIONS

DELAURENTIS RESIDENCE
NEW HOUSE CONSTRUCTION
21 NETHERMONT AVENUE
TOWN OF NORTH CASTLE, NY 10504

SHEET NO:
A-401.01

**Drainage Calculations
21 Nethermont Road
North Castle , New York**

Eliot Senor P.E. & L.S.
May 3, 2022



The analysis was performed utilizing the Soil Conservation Service (SCS) TR-20 and TR-55 methodologies. Rainfall intensity was utilized for 100 Year storm event at 9.23” for a 24 hour rainfall in Westchester County. The development is the construction of a new one family house and associated impervious surfaces. For purposes of calculations the pre-existing condition of the developed area was examined as un-developed grass/woods area. For the post development condition, excess surface stormwater generated by the impervious surfaces of the residence and associated impervious surfaces shall be stored in a drainage detention structure which will have a controlled outlet to the drainage system in the street.

Pre-Development 25 Year Storm

The Soil Conservation Service’s TR-20 method (a more accurate and precise calculation methodology than TR-55) as incorporated in the HydroCAD software was used to determine the pre-development and post-development runoff rates of the additions.

The Pre-Development rate of the site was examined as a pre-developed grass/woods area.

Post-Development 25 Year Storm

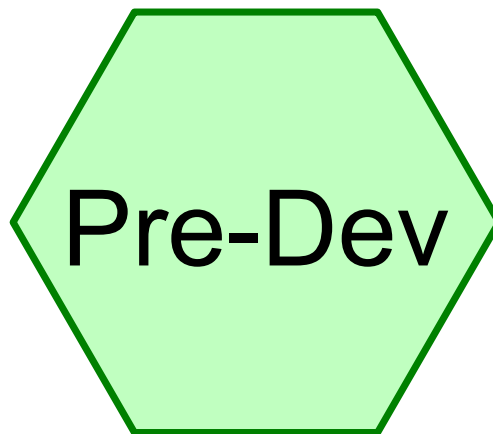
Runoff is to be mitigated by a system consisting of a detention chamber with a controlled outlet. The control outlet will discharge to the drainage system in the street.

- 40 linear ft of 24” diameter HDPE Pipe (Bot El 490)
- 4” Orifice El 490
- Weir El 492 -3’ wide

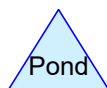
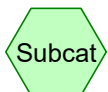
Table Stormwater Runoff

| Design Storm (25 yr) | Total Pre-Development Existing Conditions | Total Post-Development Peak Runoff (cfs) |
|----------------------|---|--|
| 25 | 0.98 | 0.99 |
| 100 | 1.53 | 1.50 |

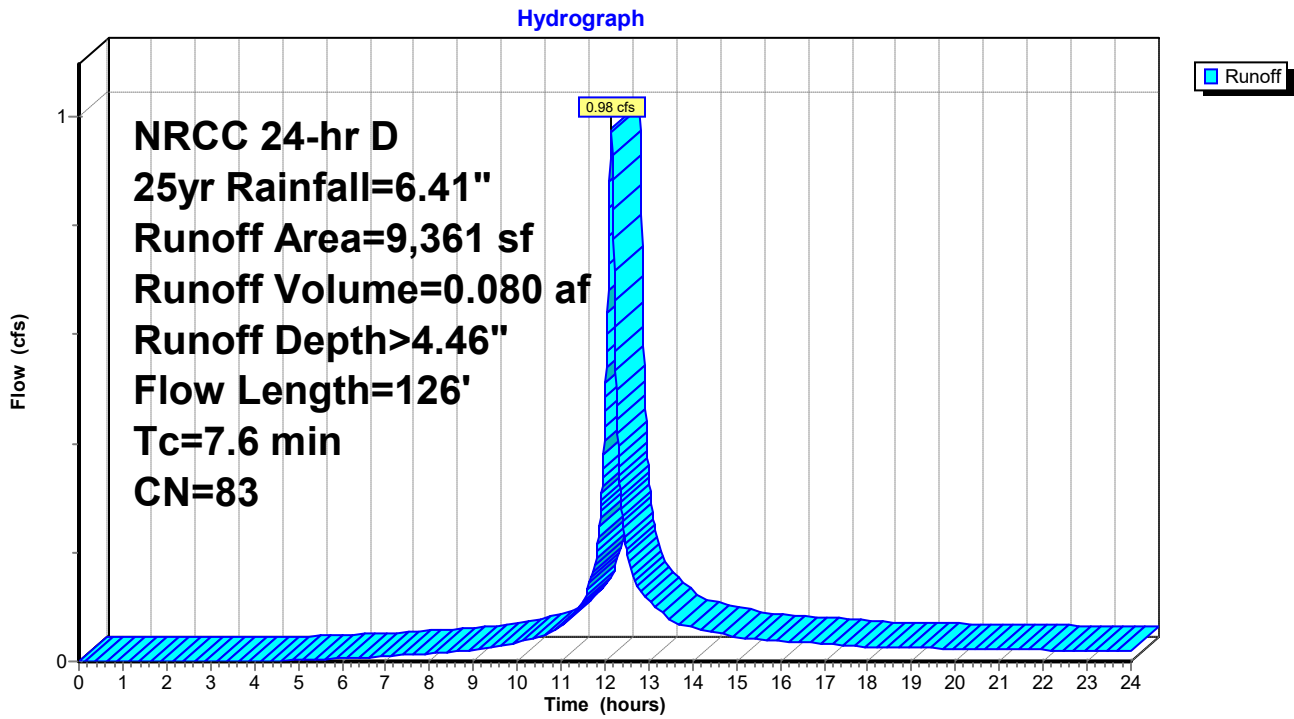
Given the Post Development basin routing runoff rates for the selected storms shown peak runoff has no significant net increase of those of the Pre Development condition. It is concluded that the proposed design satisfactorily meets the regulation of no net increase in the rate of offsite storm water discharge.



Nethermont - Pre Development



Subcatchment Pre-Dev: Nethermont - Pre Development



Nethermont Lot 1K

NRCC 24-hr D 25yr Rainfall=6.41"

Prepared by {enter your company name here}

Printed 5/3/2022

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Page 3

Hydrograph for Subcatchment Pre-Dev: Nethermont - Pre Development

| Time (hours) | Precip. (inches) | Excess (inches) | Runoff (cfs) |
|-----------------|---------------------|--------------------|-----------------|
| 0.00 | 0.00 | 0.00 | 0.00 |
| 0.50 | 0.05 | 0.00 | 0.00 |
| 1.00 | 0.09 | 0.00 | 0.00 |
| 1.50 | 0.14 | 0.00 | 0.00 |
| 2.00 | 0.19 | 0.00 | 0.00 |
| 2.50 | 0.25 | 0.00 | 0.00 |
| 3.00 | 0.30 | 0.00 | 0.00 |
| 3.50 | 0.36 | 0.00 | 0.00 |
| 4.00 | 0.41 | 0.00 | 0.00 |
| 4.50 | 0.47 | 0.00 | 0.00 |
| 5.00 | 0.53 | 0.01 | 0.00 |
| 5.50 | 0.60 | 0.02 | 0.00 |
| 6.00 | 0.66 | 0.03 | 0.01 |
| 6.50 | 0.73 | 0.04 | 0.01 |
| 7.00 | 0.81 | 0.06 | 0.01 |
| 7.50 | 0.89 | 0.09 | 0.01 |
| 8.00 | 0.98 | 0.12 | 0.01 |
| 8.50 | 1.07 | 0.16 | 0.02 |
| 9.00 | 1.18 | 0.21 | 0.02 |
| 9.50 | 1.30 | 0.27 | 0.03 |
| 10.00 | 1.44 | 0.34 | 0.03 |
| 10.50 | 1.60 | 0.44 | 0.04 |
| 11.00 | 1.82 | 0.58 | 0.07 |
| 11.50 | 2.15 | 0.80 | 0.11 |
| 12.00 | 3.07 | 1.50 | 0.46 |
| 12.50 | 4.26 | 2.52 | 0.20 |
| 13.00 | 4.59 | 2.80 | 0.11 |
| 13.50 | 4.81 | 3.00 | 0.08 |
| 14.00 | 4.97 | 3.15 | 0.06 |
| 14.50 | 5.11 | 3.28 | 0.05 |
| 15.00 | 5.23 | 3.39 | 0.04 |
| 15.50 | 5.34 | 3.48 | 0.04 |
| 16.00 | 5.43 | 3.57 | 0.04 |
| 16.50 | 5.52 | 3.65 | 0.03 |
| 17.00 | 5.60 | 3.73 | 0.03 |
| 17.50 | 5.68 | 3.80 | 0.03 |
| 18.00 | 5.75 | 3.86 | 0.03 |
| 18.50 | 5.81 | 3.92 | 0.03 |
| 19.00 | 5.88 | 3.98 | 0.02 |
| 19.50 | 5.94 | 4.03 | 0.02 |
| 20.00 | 6.00 | 4.09 | 0.02 |
| 20.50 | 6.05 | 4.14 | 0.02 |
| 21.00 | 6.11 | 4.19 | 0.02 |
| 21.50 | 6.16 | 4.24 | 0.02 |
| 22.00 | 6.22 | 4.29 | 0.02 |
| 22.50 | 6.27 | 4.34 | 0.02 |
| 23.00 | 6.32 | 4.39 | 0.02 |
| 23.50 | 6.36 | 4.43 | 0.02 |
| 24.00 | 6.41 | 4.47 | 0.02 |

Nethermont Lot 1K

Prepared by {enter your company name here}

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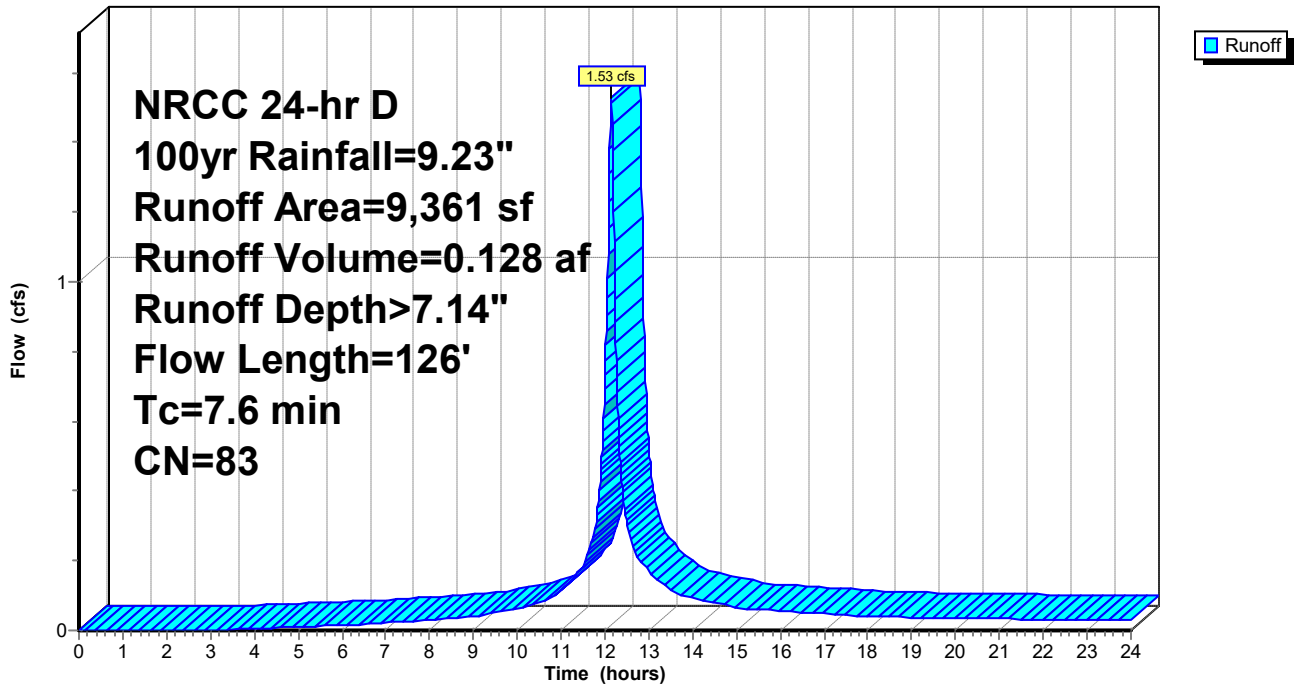
NRCC 24-hr D 100yr Rainfall=9.23"

Printed 5/3/2022

Page 4

Subcatchment Pre-Dev: Nethermont - Pre Development

Hydrograph



Nethermont Lot 1K

NRCC 24-hr D 100yr Rainfall=9.23"

Prepared by {enter your company name here}

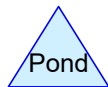
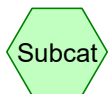
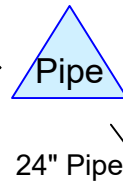
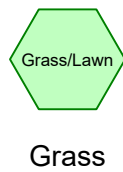
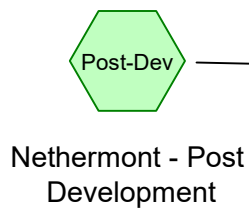
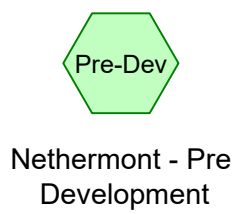
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Page 5

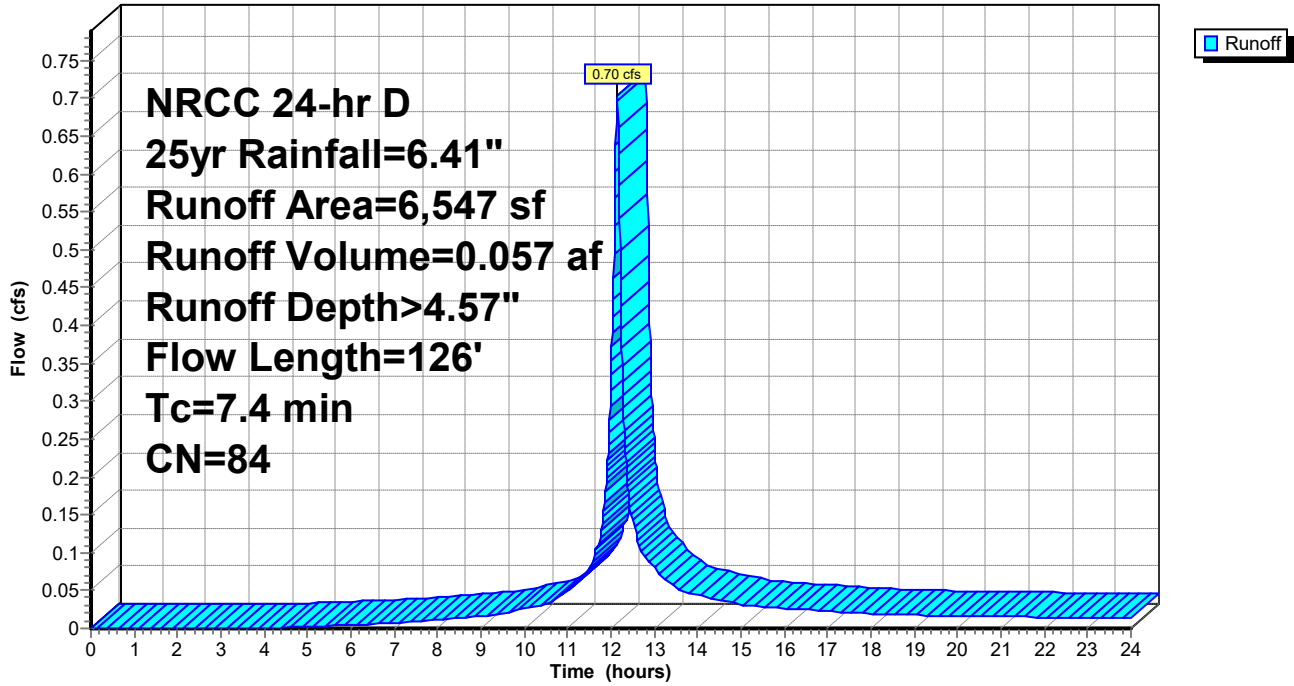
Hydrograph for Subcatchment Pre-Dev: Nethermont - Pre Development

| Time (hours) | Precip. (inches) | Excess (inches) | Runoff (cfs) |
|-----------------|---------------------|--------------------|-----------------|
| 0.00 | 0.00 | 0.00 | 0.00 |
| 0.50 | 0.07 | 0.00 | 0.00 |
| 1.00 | 0.13 | 0.00 | 0.00 |
| 1.50 | 0.20 | 0.00 | 0.00 |
| 2.00 | 0.28 | 0.00 | 0.00 |
| 2.50 | 0.35 | 0.00 | 0.00 |
| 3.00 | 0.43 | 0.00 | 0.00 |
| 3.50 | 0.51 | 0.00 | 0.00 |
| 4.00 | 0.59 | 0.02 | 0.01 |
| 4.50 | 0.68 | 0.03 | 0.01 |
| 5.00 | 0.77 | 0.05 | 0.01 |
| 5.50 | 0.86 | 0.08 | 0.01 |
| 6.00 | 0.95 | 0.11 | 0.01 |
| 6.50 | 1.05 | 0.15 | 0.02 |
| 7.00 | 1.16 | 0.20 | 0.02 |
| 7.50 | 1.28 | 0.26 | 0.03 |
| 8.00 | 1.41 | 0.33 | 0.03 |
| 8.50 | 1.55 | 0.41 | 0.04 |
| 9.00 | 1.69 | 0.50 | 0.04 |
| 9.50 | 1.87 | 0.61 | 0.05 |
| 10.00 | 2.07 | 0.74 | 0.06 |
| 10.50 | 2.31 | 0.91 | 0.08 |
| 11.00 | 2.62 | 1.15 | 0.11 |
| 11.50 | 3.09 | 1.52 | 0.18 |
| 12.00 | 4.42 | 2.66 | 0.73 |
| 12.50 | 6.14 | 4.22 | 0.31 |
| 13.00 | 6.61 | 4.66 | 0.17 |
| 13.50 | 6.92 | 4.96 | 0.12 |
| 14.00 | 7.16 | 5.18 | 0.09 |
| 14.50 | 7.36 | 5.37 | 0.08 |
| 15.00 | 7.54 | 5.54 | 0.07 |
| 15.50 | 7.68 | 5.68 | 0.06 |
| 16.00 | 7.82 | 5.81 | 0.06 |
| 16.50 | 7.95 | 5.93 | 0.05 |
| 17.00 | 8.07 | 6.04 | 0.05 |
| 17.50 | 8.18 | 6.15 | 0.04 |
| 18.00 | 8.28 | 6.24 | 0.04 |
| 18.50 | 8.37 | 6.33 | 0.04 |
| 19.00 | 8.46 | 6.42 | 0.04 |
| 19.50 | 8.55 | 6.50 | 0.04 |
| 20.00 | 8.64 | 6.59 | 0.04 |
| 20.50 | 8.72 | 6.67 | 0.03 |
| 21.00 | 8.80 | 6.74 | 0.03 |
| 21.50 | 8.88 | 6.82 | 0.03 |
| 22.00 | 8.95 | 6.89 | 0.03 |
| 22.50 | 9.03 | 6.96 | 0.03 |
| 23.00 | 9.10 | 7.03 | 0.03 |
| 23.50 | 9.16 | 7.09 | 0.03 |
| 24.00 | 9.23 | 7.16 | 0.03 |



Subcatchment Grass/Lawn: Grass

Hydrograph



Nethermont Lot 1K

NRCC 24-hr D 25yr Rainfall=6.41"

Prepared by {enter your company name here}

Printed 5/3/2022

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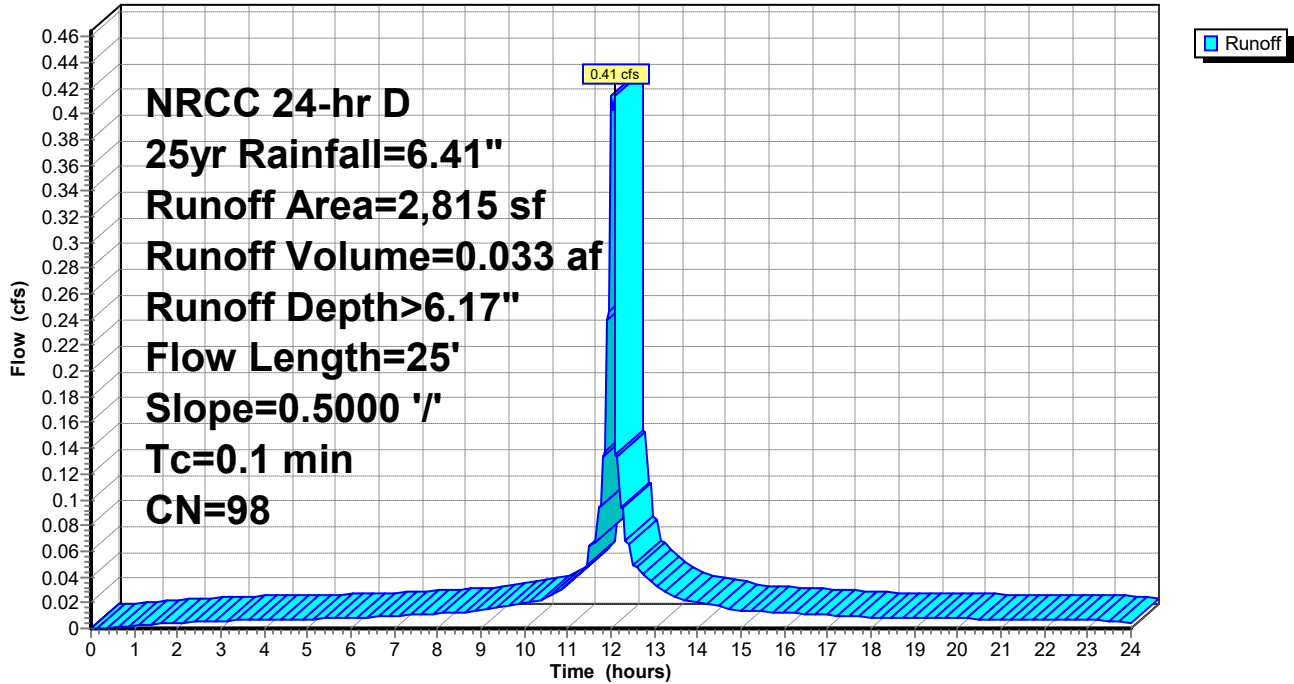
Page 3

Hydrograph for Subcatchment Grass/Lawn: Grass

| Time (hours) | Precip. (inches) | Excess (inches) | Runoff (cfs) |
|--------------|------------------|-----------------|--------------|
| 0.00 | 0.00 | 0.00 | 0.00 |
| 0.50 | 0.05 | 0.00 | 0.00 |
| 1.00 | 0.09 | 0.00 | 0.00 |
| 1.50 | 0.14 | 0.00 | 0.00 |
| 2.00 | 0.19 | 0.00 | 0.00 |
| 2.50 | 0.25 | 0.00 | 0.00 |
| 3.00 | 0.30 | 0.00 | 0.00 |
| 3.50 | 0.36 | 0.00 | 0.00 |
| 4.00 | 0.41 | 0.00 | 0.00 |
| 4.50 | 0.47 | 0.00 | 0.00 |
| 5.00 | 0.53 | 0.01 | 0.00 |
| 5.50 | 0.60 | 0.02 | 0.00 |
| 6.00 | 0.66 | 0.04 | 0.00 |
| 6.50 | 0.73 | 0.05 | 0.01 |
| 7.00 | 0.81 | 0.08 | 0.01 |
| 7.50 | 0.89 | 0.11 | 0.01 |
| 8.00 | 0.98 | 0.14 | 0.01 |
| 8.50 | 1.07 | 0.18 | 0.01 |
| 9.00 | 1.18 | 0.23 | 0.02 |
| 9.50 | 1.30 | 0.30 | 0.02 |
| 10.00 | 1.44 | 0.38 | 0.03 |
| 10.50 | 1.60 | 0.48 | 0.03 |
| 11.00 | 1.82 | 0.62 | 0.05 |
| 11.50 | 2.15 | 0.85 | 0.08 |
| 12.00 | 3.07 | 1.57 | 0.33 |
| 12.50 | 4.26 | 2.60 | 0.14 |
| 13.00 | 4.59 | 2.90 | 0.08 |
| 13.50 | 4.81 | 3.10 | 0.05 |
| 14.00 | 4.97 | 3.25 | 0.04 |
| 14.50 | 5.11 | 3.38 | 0.04 |
| 15.00 | 5.23 | 3.48 | 0.03 |
| 15.50 | 5.34 | 3.58 | 0.03 |
| 16.00 | 5.43 | 3.67 | 0.03 |
| 16.50 | 5.52 | 3.75 | 0.02 |
| 17.00 | 5.60 | 3.83 | 0.02 |
| 17.50 | 5.68 | 3.90 | 0.02 |
| 18.00 | 5.75 | 3.96 | 0.02 |
| 18.50 | 5.81 | 4.02 | 0.02 |
| 19.00 | 5.88 | 4.08 | 0.02 |
| 19.50 | 5.94 | 4.14 | 0.02 |
| 20.00 | 6.00 | 4.19 | 0.02 |
| 20.50 | 6.05 | 4.25 | 0.02 |
| 21.00 | 6.11 | 4.30 | 0.02 |
| 21.50 | 6.16 | 4.35 | 0.02 |
| 22.00 | 6.22 | 4.40 | 0.01 |
| 22.50 | 6.27 | 4.45 | 0.01 |
| 23.00 | 6.32 | 4.49 | 0.01 |
| 23.50 | 6.36 | 4.54 | 0.01 |
| 24.00 | 6.41 | 4.58 | 0.01 |

Subcatchment Post-Dev: Nethermont - Post Development

Hydrograph



Nethermont Lot 1K

NRCC 24-hr D 25yr Rainfall=6.41"

Prepared by {enter your company name here}

Printed 5/3/2022

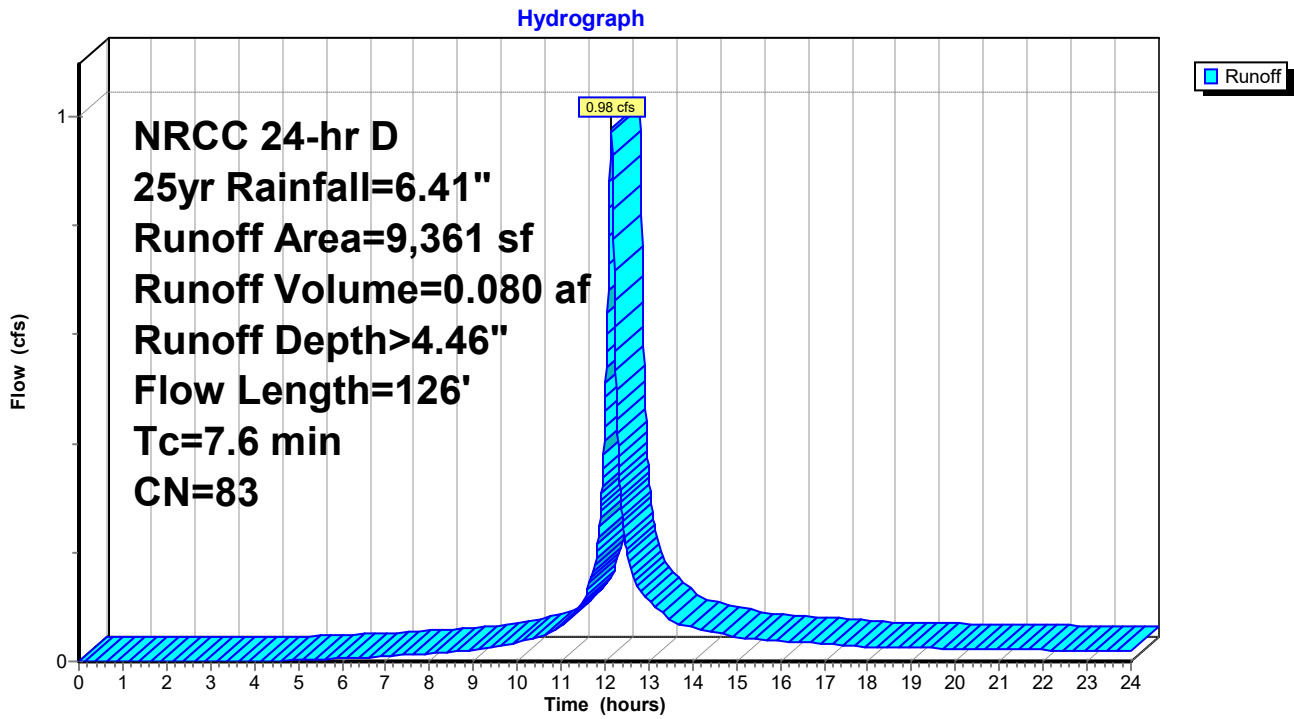
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Hydrograph for Subcatchment Post-Dev: Nethermont - Post Development

| Time (hours) | Precip. (inches) | Excess (inches) | Runoff (cfs) |
|-----------------|---------------------|--------------------|-----------------|
| 0.00 | 0.00 | 0.00 | 0.00 |
| 0.50 | 0.05 | 0.00 | 0.00 |
| 1.00 | 0.09 | 0.01 | 0.00 |
| 1.50 | 0.14 | 0.03 | 0.00 |
| 2.00 | 0.19 | 0.07 | 0.00 |
| 2.50 | 0.25 | 0.10 | 0.01 |
| 3.00 | 0.30 | 0.14 | 0.01 |
| 3.50 | 0.36 | 0.19 | 0.01 |
| 4.00 | 0.41 | 0.24 | 0.01 |
| 4.50 | 0.47 | 0.29 | 0.01 |
| 5.00 | 0.53 | 0.35 | 0.01 |
| 5.50 | 0.60 | 0.41 | 0.01 |
| 6.00 | 0.66 | 0.47 | 0.01 |
| 6.50 | 0.73 | 0.53 | 0.01 |
| 7.00 | 0.81 | 0.60 | 0.01 |
| 7.50 | 0.89 | 0.68 | 0.01 |
| 8.00 | 0.98 | 0.77 | 0.01 |
| 8.50 | 1.07 | 0.86 | 0.01 |
| 9.00 | 1.18 | 0.96 | 0.01 |
| 9.50 | 1.30 | 1.08 | 0.02 |
| 10.00 | 1.44 | 1.22 | 0.02 |
| 10.50 | 1.60 | 1.38 | 0.02 |
| 11.00 | 1.82 | 1.60 | 0.03 |
| 11.50 | 2.15 | 1.92 | 0.05 |
| 12.00 | 3.07 | 2.84 | 0.30 |
| 12.50 | 4.26 | 4.03 | 0.06 |
| 13.00 | 4.59 | 4.35 | 0.03 |
| 13.50 | 4.81 | 4.57 | 0.02 |
| 14.00 | 4.97 | 4.74 | 0.02 |
| 14.50 | 5.11 | 4.88 | 0.02 |
| 15.00 | 5.23 | 5.00 | 0.01 |
| 15.50 | 5.34 | 5.10 | 0.01 |
| 16.00 | 5.43 | 5.20 | 0.01 |
| 16.50 | 5.52 | 5.28 | 0.01 |
| 17.00 | 5.60 | 5.37 | 0.01 |
| 17.50 | 5.68 | 5.44 | 0.01 |
| 18.00 | 5.75 | 5.51 | 0.01 |
| 18.50 | 5.81 | 5.58 | 0.01 |
| 19.00 | 5.88 | 5.64 | 0.01 |
| 19.50 | 5.94 | 5.70 | 0.01 |
| 20.00 | 6.00 | 5.76 | 0.01 |
| 20.50 | 6.05 | 5.82 | 0.01 |
| 21.00 | 6.11 | 5.87 | 0.01 |
| 21.50 | 6.16 | 5.93 | 0.01 |
| 22.00 | 6.22 | 5.98 | 0.01 |
| 22.50 | 6.27 | 6.03 | 0.01 |
| 23.00 | 6.32 | 6.08 | 0.01 |
| 23.50 | 6.36 | 6.13 | 0.01 |
| 24.00 | 6.41 | 6.17 | 0.00 |

Subcatchment Pre-Dev: Nethermont - Pre Development



Nethermont Lot 1K

NRCC 24-hr D 25yr Rainfall=6.41"

Prepared by {enter your company name here}

Printed 5/3/2022

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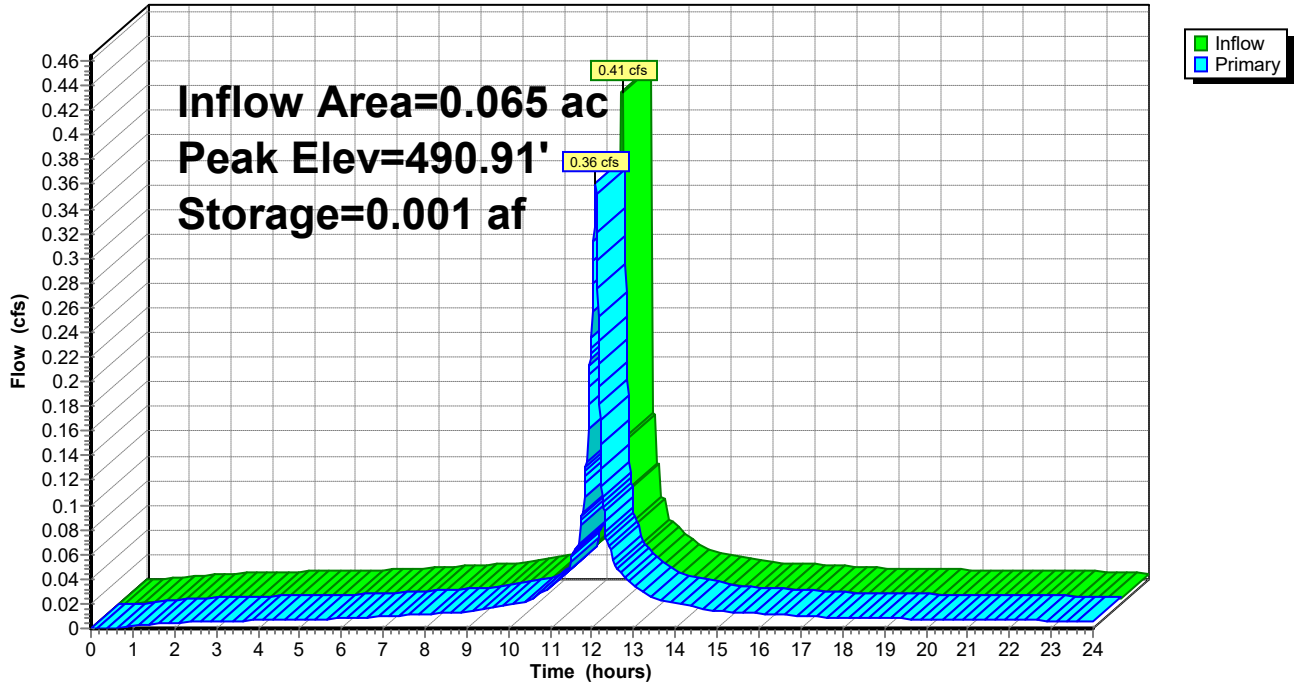
Page 7

Hydrograph for Subcatchment Pre-Dev: Nethermont - Pre Development

| Time (hours) | Precip. (inches) | Excess (inches) | Runoff (cfs) |
|-----------------|---------------------|--------------------|-----------------|
| 0.00 | 0.00 | 0.00 | 0.00 |
| 0.50 | 0.05 | 0.00 | 0.00 |
| 1.00 | 0.09 | 0.00 | 0.00 |
| 1.50 | 0.14 | 0.00 | 0.00 |
| 2.00 | 0.19 | 0.00 | 0.00 |
| 2.50 | 0.25 | 0.00 | 0.00 |
| 3.00 | 0.30 | 0.00 | 0.00 |
| 3.50 | 0.36 | 0.00 | 0.00 |
| 4.00 | 0.41 | 0.00 | 0.00 |
| 4.50 | 0.47 | 0.00 | 0.00 |
| 5.00 | 0.53 | 0.01 | 0.00 |
| 5.50 | 0.60 | 0.02 | 0.00 |
| 6.00 | 0.66 | 0.03 | 0.01 |
| 6.50 | 0.73 | 0.04 | 0.01 |
| 7.00 | 0.81 | 0.06 | 0.01 |
| 7.50 | 0.89 | 0.09 | 0.01 |
| 8.00 | 0.98 | 0.12 | 0.01 |
| 8.50 | 1.07 | 0.16 | 0.02 |
| 9.00 | 1.18 | 0.21 | 0.02 |
| 9.50 | 1.30 | 0.27 | 0.03 |
| 10.00 | 1.44 | 0.34 | 0.03 |
| 10.50 | 1.60 | 0.44 | 0.04 |
| 11.00 | 1.82 | 0.58 | 0.07 |
| 11.50 | 2.15 | 0.80 | 0.11 |
| 12.00 | 3.07 | 1.50 | 0.46 |
| 12.50 | 4.26 | 2.52 | 0.20 |
| 13.00 | 4.59 | 2.80 | 0.11 |
| 13.50 | 4.81 | 3.00 | 0.08 |
| 14.00 | 4.97 | 3.15 | 0.06 |
| 14.50 | 5.11 | 3.28 | 0.05 |
| 15.00 | 5.23 | 3.39 | 0.04 |
| 15.50 | 5.34 | 3.48 | 0.04 |
| 16.00 | 5.43 | 3.57 | 0.04 |
| 16.50 | 5.52 | 3.65 | 0.03 |
| 17.00 | 5.60 | 3.73 | 0.03 |
| 17.50 | 5.68 | 3.80 | 0.03 |
| 18.00 | 5.75 | 3.86 | 0.03 |
| 18.50 | 5.81 | 3.92 | 0.03 |
| 19.00 | 5.88 | 3.98 | 0.02 |
| 19.50 | 5.94 | 4.03 | 0.02 |
| 20.00 | 6.00 | 4.09 | 0.02 |
| 20.50 | 6.05 | 4.14 | 0.02 |
| 21.00 | 6.11 | 4.19 | 0.02 |
| 21.50 | 6.16 | 4.24 | 0.02 |
| 22.00 | 6.22 | 4.29 | 0.02 |
| 22.50 | 6.27 | 4.34 | 0.02 |
| 23.00 | 6.32 | 4.39 | 0.02 |
| 23.50 | 6.36 | 4.43 | 0.02 |
| 24.00 | 6.41 | 4.47 | 0.02 |

Pond Pipe: 24" Pipe

Hydrograph



Nethermont Lot 1K

NRCC 24-hr D 25yr Rainfall=6.41"

Prepared by {enter your company name here}

Printed 5/3/2022

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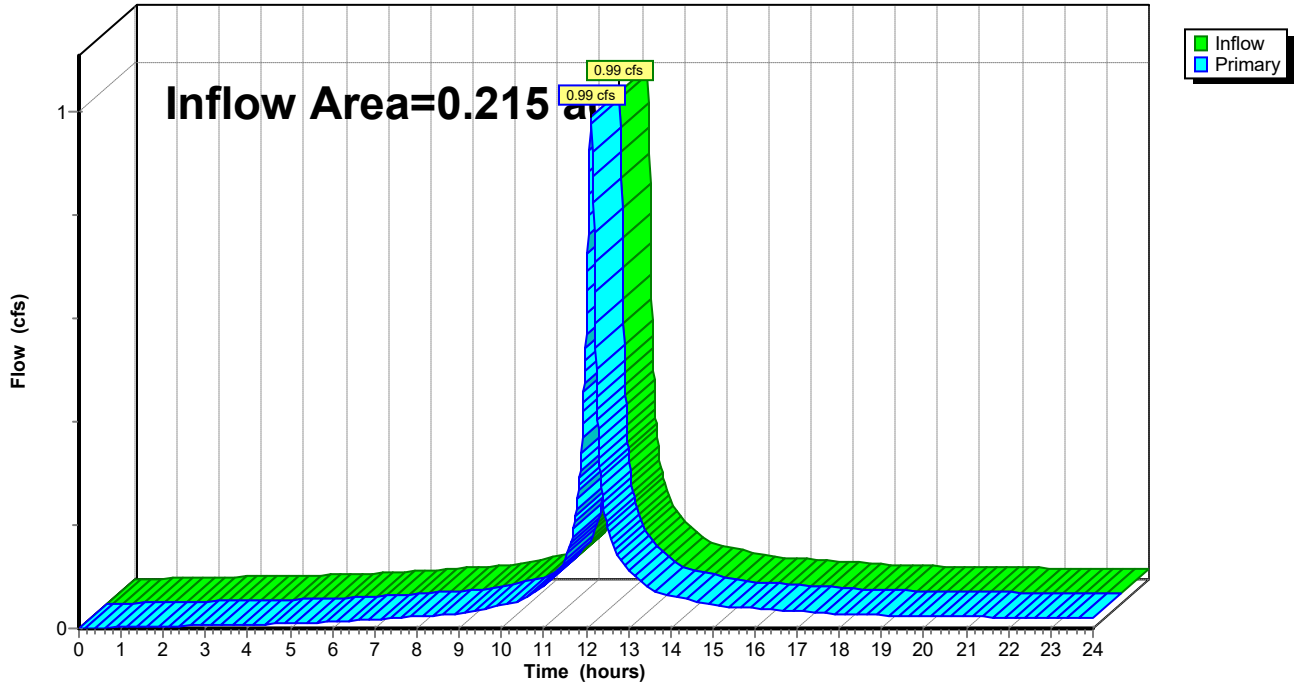
Page 9

Hydrograph for Pond Pipe: 24" Pipe

| Time (hours) | Inflow (cfs) | Storage (acre-feet) | Elevation (feet) | Primary (cfs) |
|--------------|--------------|---------------------|------------------|---------------|
| 0.00 | 0.00 | 0.000 | 490.00 | 0.00 |
| 0.50 | 0.00 | 0.000 | 490.00 | 0.00 |
| 1.00 | 0.00 | 0.000 | 490.03 | 0.00 |
| 1.50 | 0.00 | 0.000 | 490.04 | 0.00 |
| 2.00 | 0.00 | 0.000 | 490.04 | 0.00 |
| 2.50 | 0.01 | 0.000 | 490.04 | 0.01 |
| 3.00 | 0.01 | 0.000 | 490.05 | 0.01 |
| 3.50 | 0.01 | 0.000 | 490.05 | 0.01 |
| 4.00 | 0.01 | 0.000 | 490.05 | 0.01 |
| 4.50 | 0.01 | 0.000 | 490.05 | 0.01 |
| 5.00 | 0.01 | 0.000 | 490.05 | 0.01 |
| 5.50 | 0.01 | 0.000 | 490.05 | 0.01 |
| 6.00 | 0.01 | 0.000 | 490.06 | 0.01 |
| 6.50 | 0.01 | 0.000 | 490.06 | 0.01 |
| 7.00 | 0.01 | 0.000 | 490.06 | 0.01 |
| 7.50 | 0.01 | 0.000 | 490.07 | 0.01 |
| 8.00 | 0.01 | 0.000 | 490.07 | 0.01 |
| 8.50 | 0.01 | 0.000 | 490.07 | 0.01 |
| 9.00 | 0.01 | 0.000 | 490.07 | 0.01 |
| 9.50 | 0.02 | 0.000 | 490.08 | 0.02 |
| 10.00 | 0.02 | 0.000 | 490.09 | 0.02 |
| 10.50 | 0.02 | 0.000 | 490.10 | 0.02 |
| 11.00 | 0.03 | 0.000 | 490.12 | 0.03 |
| 11.50 | 0.05 | 0.000 | 490.15 | 0.05 |
| 12.00 | 0.30 | 0.001 | 490.48 | 0.24 |
| 12.50 | 0.06 | 0.000 | 490.17 | 0.06 |
| 13.00 | 0.03 | 0.000 | 490.12 | 0.04 |
| 13.50 | 0.02 | 0.000 | 490.10 | 0.02 |
| 14.00 | 0.02 | 0.000 | 490.09 | 0.02 |
| 14.50 | 0.02 | 0.000 | 490.08 | 0.02 |
| 15.00 | 0.01 | 0.000 | 490.08 | 0.01 |
| 15.50 | 0.01 | 0.000 | 490.07 | 0.01 |
| 16.00 | 0.01 | 0.000 | 490.07 | 0.01 |
| 16.50 | 0.01 | 0.000 | 490.07 | 0.01 |
| 17.00 | 0.01 | 0.000 | 490.06 | 0.01 |
| 17.50 | 0.01 | 0.000 | 490.06 | 0.01 |
| 18.00 | 0.01 | 0.000 | 490.06 | 0.01 |
| 18.50 | 0.01 | 0.000 | 490.06 | 0.01 |
| 19.00 | 0.01 | 0.000 | 490.06 | 0.01 |
| 19.50 | 0.01 | 0.000 | 490.06 | 0.01 |
| 20.00 | 0.01 | 0.000 | 490.05 | 0.01 |
| 20.50 | 0.01 | 0.000 | 490.05 | 0.01 |
| 21.00 | 0.01 | 0.000 | 490.05 | 0.01 |
| 21.50 | 0.01 | 0.000 | 490.05 | 0.01 |
| 22.00 | 0.01 | 0.000 | 490.05 | 0.01 |
| 22.50 | 0.01 | 0.000 | 490.05 | 0.01 |
| 23.00 | 0.01 | 0.000 | 490.05 | 0.01 |
| 23.50 | 0.01 | 0.000 | 490.05 | 0.01 |
| 24.00 | 0.00 | 0.000 | 490.05 | 0.01 |

Link Post: Post

Hydrograph



Nethermont Lot 1K

NRCC 24-hr D 25yr Rainfall=6.41"

Prepared by {enter your company name here}

Printed 5/3/2022

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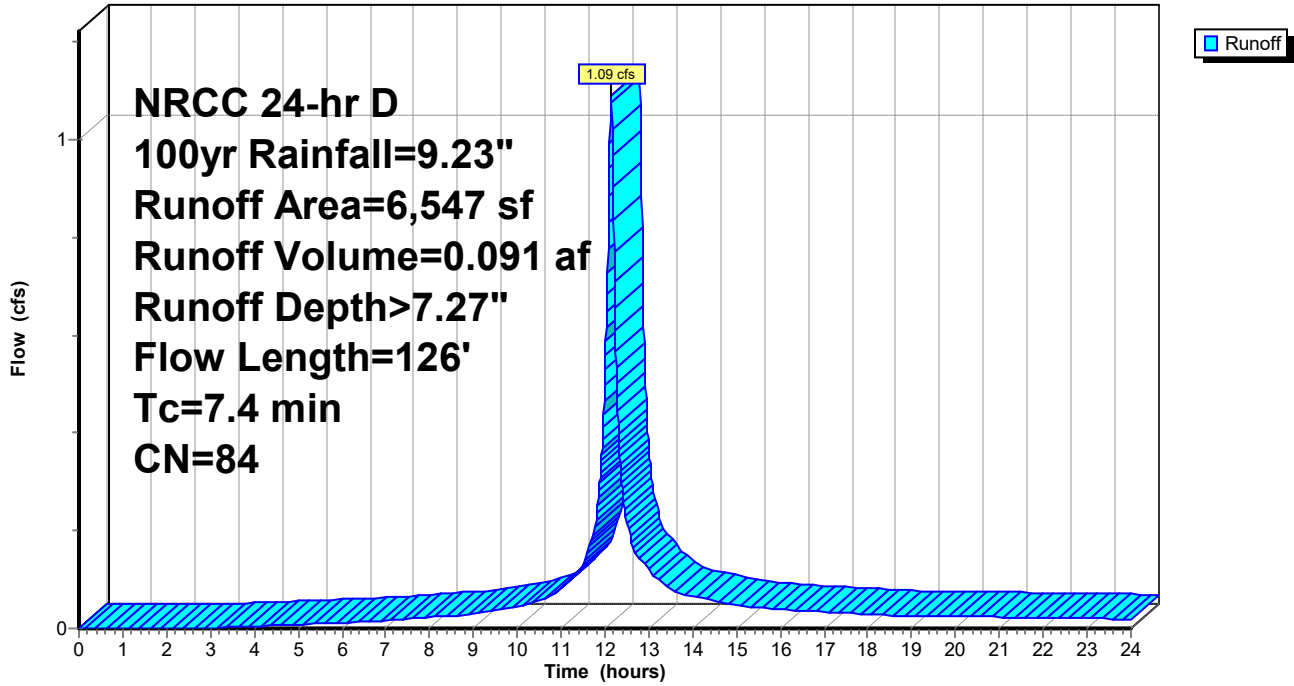
Page 11

Hydrograph for Link Post: Post

| Time (hours) | Inflow (cfs) | Elevation (feet) | Primary (cfs) |
|--------------|--------------|------------------|---------------|
| 0.00 | 0.00 | 0.00 | 0.00 |
| 0.50 | 0.00 | 0.00 | 0.00 |
| 1.00 | 0.00 | 0.00 | 0.00 |
| 1.50 | 0.00 | 0.00 | 0.00 |
| 2.00 | 0.00 | 0.00 | 0.00 |
| 2.50 | 0.01 | 0.00 | 0.01 |
| 3.00 | 0.01 | 0.00 | 0.01 |
| 3.50 | 0.01 | 0.00 | 0.01 |
| 4.00 | 0.01 | 0.00 | 0.01 |
| 4.50 | 0.01 | 0.00 | 0.01 |
| 5.00 | 0.01 | 0.00 | 0.01 |
| 5.50 | 0.01 | 0.00 | 0.01 |
| 6.00 | 0.01 | 0.00 | 0.01 |
| 6.50 | 0.01 | 0.00 | 0.01 |
| 7.00 | 0.02 | 0.00 | 0.02 |
| 7.50 | 0.02 | 0.00 | 0.02 |
| 8.00 | 0.02 | 0.00 | 0.02 |
| 8.50 | 0.03 | 0.00 | 0.03 |
| 9.00 | 0.03 | 0.00 | 0.03 |
| 9.50 | 0.04 | 0.00 | 0.04 |
| 10.00 | 0.05 | 0.00 | 0.05 |
| 10.50 | 0.05 | 0.00 | 0.05 |
| 11.00 | 0.08 | 0.00 | 0.08 |
| 11.50 | 0.13 | 0.00 | 0.13 |
| 12.00 | 0.57 | 0.00 | 0.57 |
| 12.50 | 0.20 | 0.00 | 0.20 |
| 13.00 | 0.12 | 0.00 | 0.12 |
| 13.50 | 0.08 | 0.00 | 0.08 |
| 14.00 | 0.06 | 0.00 | 0.06 |
| 14.50 | 0.05 | 0.00 | 0.05 |
| 15.00 | 0.05 | 0.00 | 0.05 |
| 15.50 | 0.04 | 0.00 | 0.04 |
| 16.00 | 0.04 | 0.00 | 0.04 |
| 16.50 | 0.04 | 0.00 | 0.04 |
| 17.00 | 0.03 | 0.00 | 0.03 |
| 17.50 | 0.03 | 0.00 | 0.03 |
| 18.00 | 0.03 | 0.00 | 0.03 |
| 18.50 | 0.03 | 0.00 | 0.03 |
| 19.00 | 0.03 | 0.00 | 0.03 |
| 19.50 | 0.02 | 0.00 | 0.02 |
| 20.00 | 0.02 | 0.00 | 0.02 |
| 20.50 | 0.02 | 0.00 | 0.02 |
| 21.00 | 0.02 | 0.00 | 0.02 |
| 21.50 | 0.02 | 0.00 | 0.02 |
| 22.00 | 0.02 | 0.00 | 0.02 |
| 22.50 | 0.02 | 0.00 | 0.02 |
| 23.00 | 0.02 | 0.00 | 0.02 |
| 23.50 | 0.02 | 0.00 | 0.02 |
| 24.00 | 0.02 | 0.00 | 0.02 |

Subcatchment Grass/Lawn: Grass

Hydrograph



Nethermont Lot 1K

NRCC 24-hr D 100yr Rainfall=9.23"

Prepared by {enter your company name here}

Printed 5/3/2022

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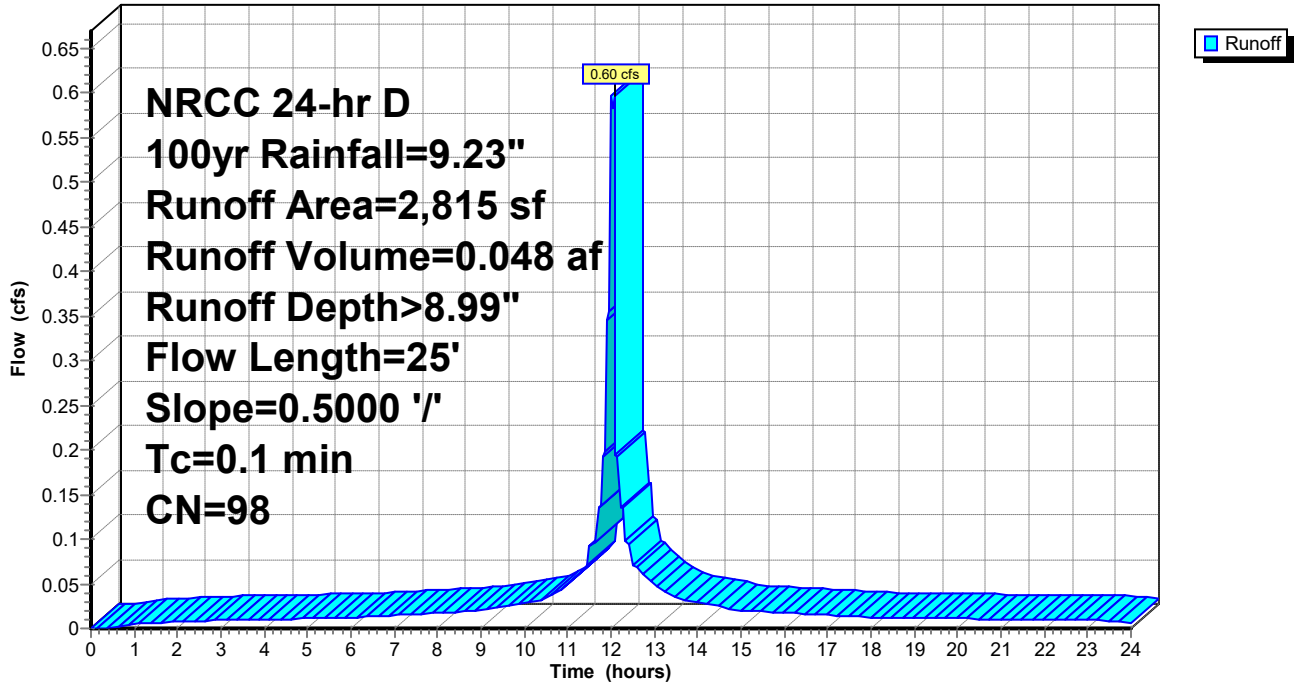
Page 13

Hydrograph for Subcatchment Grass/Lawn: Grass

| Time (hours) | Precip. (inches) | Excess (inches) | Runoff (cfs) |
|--------------|------------------|-----------------|--------------|
| 0.00 | 0.00 | 0.00 | 0.00 |
| 0.50 | 0.07 | 0.00 | 0.00 |
| 1.00 | 0.13 | 0.00 | 0.00 |
| 1.50 | 0.20 | 0.00 | 0.00 |
| 2.00 | 0.28 | 0.00 | 0.00 |
| 2.50 | 0.35 | 0.00 | 0.00 |
| 3.00 | 0.43 | 0.00 | 0.00 |
| 3.50 | 0.51 | 0.01 | 0.00 |
| 4.00 | 0.59 | 0.02 | 0.00 |
| 4.50 | 0.68 | 0.04 | 0.01 |
| 5.00 | 0.77 | 0.07 | 0.01 |
| 5.50 | 0.86 | 0.10 | 0.01 |
| 6.00 | 0.95 | 0.13 | 0.01 |
| 6.50 | 1.05 | 0.17 | 0.01 |
| 7.00 | 1.16 | 0.23 | 0.02 |
| 7.50 | 1.28 | 0.29 | 0.02 |
| 8.00 | 1.41 | 0.36 | 0.02 |
| 8.50 | 1.55 | 0.44 | 0.03 |
| 9.00 | 1.69 | 0.54 | 0.03 |
| 9.50 | 1.87 | 0.65 | 0.04 |
| 10.00 | 2.07 | 0.79 | 0.05 |
| 10.50 | 2.31 | 0.97 | 0.06 |
| 11.00 | 2.62 | 1.21 | 0.08 |
| 11.50 | 3.09 | 1.59 | 0.13 |
| 12.00 | 4.42 | 2.75 | 0.53 |
| 12.50 | 6.14 | 4.33 | 0.21 |
| 13.00 | 6.61 | 4.77 | 0.12 |
| 13.50 | 6.92 | 5.07 | 0.08 |
| 14.00 | 7.16 | 5.29 | 0.07 |
| 14.50 | 7.36 | 5.49 | 0.06 |
| 15.00 | 7.54 | 5.65 | 0.05 |
| 15.50 | 7.68 | 5.79 | 0.04 |
| 16.00 | 7.82 | 5.93 | 0.04 |
| 16.50 | 7.95 | 6.05 | 0.04 |
| 17.00 | 8.07 | 6.16 | 0.03 |
| 17.50 | 8.18 | 6.27 | 0.03 |
| 18.00 | 8.28 | 6.36 | 0.03 |
| 18.50 | 8.37 | 6.45 | 0.03 |
| 19.00 | 8.46 | 6.54 | 0.03 |
| 19.50 | 8.55 | 6.62 | 0.03 |
| 20.00 | 8.64 | 6.71 | 0.02 |
| 20.50 | 8.72 | 6.79 | 0.02 |
| 21.00 | 8.80 | 6.86 | 0.02 |
| 21.50 | 8.88 | 6.94 | 0.02 |
| 22.00 | 8.95 | 7.01 | 0.02 |
| 22.50 | 9.03 | 7.08 | 0.02 |
| 23.00 | 9.10 | 7.15 | 0.02 |
| 23.50 | 9.16 | 7.22 | 0.02 |
| 24.00 | 9.23 | 7.28 | 0.02 |

Subcatchment Post-Dev: Nethermont - Post Development

Hydrograph



Nethermont Lot 1K

NRCC 24-hr D 100yr Rainfall=9.23"

Prepared by {enter your company name here}

Printed 5/3/2022

HydroCAD® 10.10-6a s/n 01594 © 2020 HydroCAD Software Solutions LLC

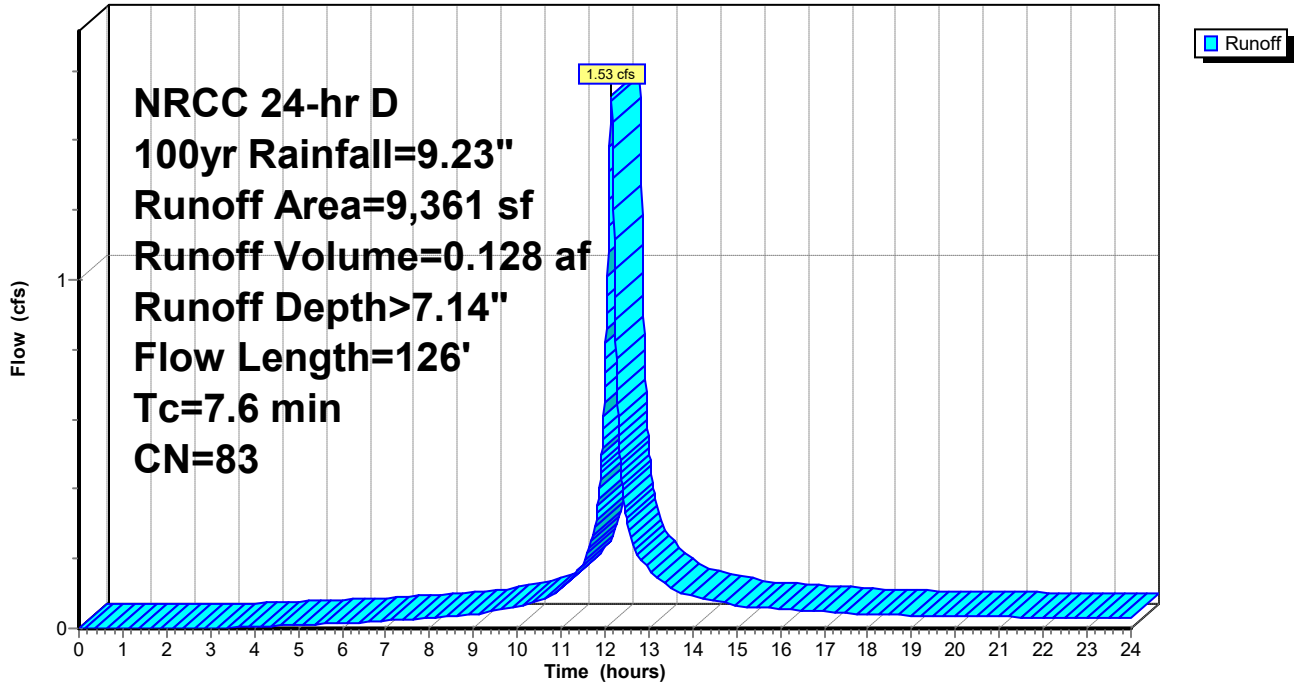
Page 15

Hydrograph for Subcatchment Post-Dev: Nethermont - Post Development

| Time (hours) | Precip. (inches) | Excess (inches) | Runoff (cfs) |
|--------------|------------------|-----------------|--------------|
| 0.00 | 0.00 | 0.00 | 0.00 |
| 0.50 | 0.07 | 0.00 | 0.00 |
| 1.00 | 0.13 | 0.03 | 0.00 |
| 1.50 | 0.20 | 0.07 | 0.01 |
| 2.00 | 0.28 | 0.13 | 0.01 |
| 2.50 | 0.35 | 0.19 | 0.01 |
| 3.00 | 0.43 | 0.26 | 0.01 |
| 3.50 | 0.51 | 0.33 | 0.01 |
| 4.00 | 0.59 | 0.40 | 0.01 |
| 4.50 | 0.68 | 0.48 | 0.01 |
| 5.00 | 0.77 | 0.57 | 0.01 |
| 5.50 | 0.86 | 0.65 | 0.01 |
| 6.00 | 0.95 | 0.74 | 0.01 |
| 6.50 | 1.05 | 0.84 | 0.01 |
| 7.00 | 1.16 | 0.95 | 0.01 |
| 7.50 | 1.28 | 1.06 | 0.02 |
| 8.00 | 1.41 | 1.19 | 0.02 |
| 8.50 | 1.55 | 1.33 | 0.02 |
| 9.00 | 1.69 | 1.47 | 0.02 |
| 9.50 | 1.87 | 1.64 | 0.02 |
| 10.00 | 2.07 | 1.84 | 0.03 |
| 10.50 | 2.31 | 2.08 | 0.03 |
| 11.00 | 2.62 | 2.39 | 0.05 |
| 11.50 | 3.09 | 2.86 | 0.08 |
| 12.00 | 4.42 | 4.19 | 0.43 |
| 12.50 | 6.14 | 5.90 | 0.08 |
| 13.00 | 6.61 | 6.37 | 0.05 |
| 13.50 | 6.92 | 6.69 | 0.03 |
| 14.00 | 7.16 | 6.92 | 0.03 |
| 14.50 | 7.36 | 7.12 | 0.02 |
| 15.00 | 7.54 | 7.30 | 0.02 |
| 15.50 | 7.68 | 7.44 | 0.02 |
| 16.00 | 7.82 | 7.58 | 0.02 |
| 16.50 | 7.95 | 7.71 | 0.02 |
| 17.00 | 8.07 | 7.83 | 0.01 |
| 17.50 | 8.18 | 7.94 | 0.01 |
| 18.00 | 8.28 | 8.04 | 0.01 |
| 18.50 | 8.37 | 8.13 | 0.01 |
| 19.00 | 8.46 | 8.22 | 0.01 |
| 19.50 | 8.55 | 8.31 | 0.01 |
| 20.00 | 8.64 | 8.39 | 0.01 |
| 20.50 | 8.72 | 8.48 | 0.01 |
| 21.00 | 8.80 | 8.56 | 0.01 |
| 21.50 | 8.88 | 8.64 | 0.01 |
| 22.00 | 8.95 | 8.71 | 0.01 |
| 22.50 | 9.03 | 8.78 | 0.01 |
| 23.00 | 9.10 | 8.86 | 0.01 |
| 23.50 | 9.16 | 8.92 | 0.01 |
| 24.00 | 9.23 | 8.99 | 0.01 |

Subcatchment Pre-Dev: Nethermont - Pre Development

Hydrograph



Nethermont Lot 1K

NRCC 24-hr D 100yr Rainfall=9.23"

Prepared by {enter your company name here}

Printed 5/3/2022

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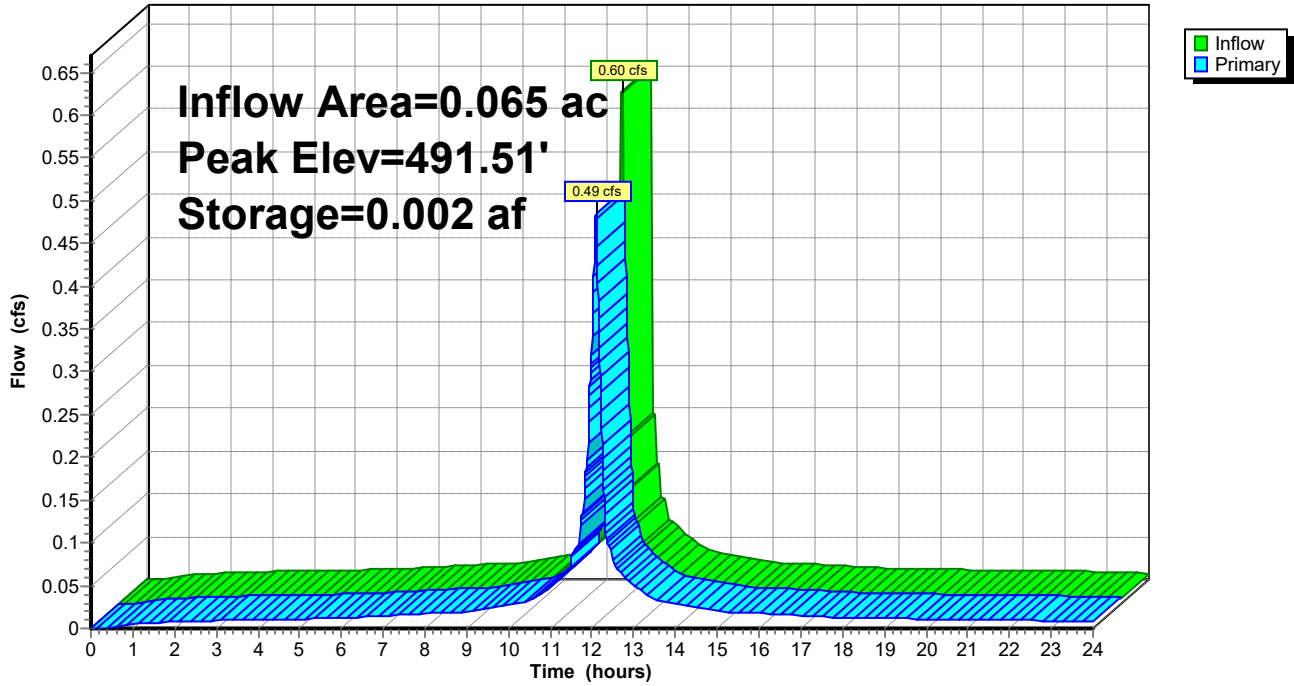
Page 17

Hydrograph for Subcatchment Pre-Dev: Nethermont - Pre Development

| Time (hours) | Precip. (inches) | Excess (inches) | Runoff (cfs) |
|-----------------|---------------------|--------------------|-----------------|
| 0.00 | 0.00 | 0.00 | 0.00 |
| 0.50 | 0.07 | 0.00 | 0.00 |
| 1.00 | 0.13 | 0.00 | 0.00 |
| 1.50 | 0.20 | 0.00 | 0.00 |
| 2.00 | 0.28 | 0.00 | 0.00 |
| 2.50 | 0.35 | 0.00 | 0.00 |
| 3.00 | 0.43 | 0.00 | 0.00 |
| 3.50 | 0.51 | 0.00 | 0.00 |
| 4.00 | 0.59 | 0.02 | 0.01 |
| 4.50 | 0.68 | 0.03 | 0.01 |
| 5.00 | 0.77 | 0.05 | 0.01 |
| 5.50 | 0.86 | 0.08 | 0.01 |
| 6.00 | 0.95 | 0.11 | 0.01 |
| 6.50 | 1.05 | 0.15 | 0.02 |
| 7.00 | 1.16 | 0.20 | 0.02 |
| 7.50 | 1.28 | 0.26 | 0.03 |
| 8.00 | 1.41 | 0.33 | 0.03 |
| 8.50 | 1.55 | 0.41 | 0.04 |
| 9.00 | 1.69 | 0.50 | 0.04 |
| 9.50 | 1.87 | 0.61 | 0.05 |
| 10.00 | 2.07 | 0.74 | 0.06 |
| 10.50 | 2.31 | 0.91 | 0.08 |
| 11.00 | 2.62 | 1.15 | 0.11 |
| 11.50 | 3.09 | 1.52 | 0.18 |
| 12.00 | 4.42 | 2.66 | 0.73 |
| 12.50 | 6.14 | 4.22 | 0.31 |
| 13.00 | 6.61 | 4.66 | 0.17 |
| 13.50 | 6.92 | 4.96 | 0.12 |
| 14.00 | 7.16 | 5.18 | 0.09 |
| 14.50 | 7.36 | 5.37 | 0.08 |
| 15.00 | 7.54 | 5.54 | 0.07 |
| 15.50 | 7.68 | 5.68 | 0.06 |
| 16.00 | 7.82 | 5.81 | 0.06 |
| 16.50 | 7.95 | 5.93 | 0.05 |
| 17.00 | 8.07 | 6.04 | 0.05 |
| 17.50 | 8.18 | 6.15 | 0.04 |
| 18.00 | 8.28 | 6.24 | 0.04 |
| 18.50 | 8.37 | 6.33 | 0.04 |
| 19.00 | 8.46 | 6.42 | 0.04 |
| 19.50 | 8.55 | 6.50 | 0.04 |
| 20.00 | 8.64 | 6.59 | 0.04 |
| 20.50 | 8.72 | 6.67 | 0.03 |
| 21.00 | 8.80 | 6.74 | 0.03 |
| 21.50 | 8.88 | 6.82 | 0.03 |
| 22.00 | 8.95 | 6.89 | 0.03 |
| 22.50 | 9.03 | 6.96 | 0.03 |
| 23.00 | 9.10 | 7.03 | 0.03 |
| 23.50 | 9.16 | 7.09 | 0.03 |
| 24.00 | 9.23 | 7.16 | 0.03 |

Pond Pipe: 24" Pipe

Hydrograph

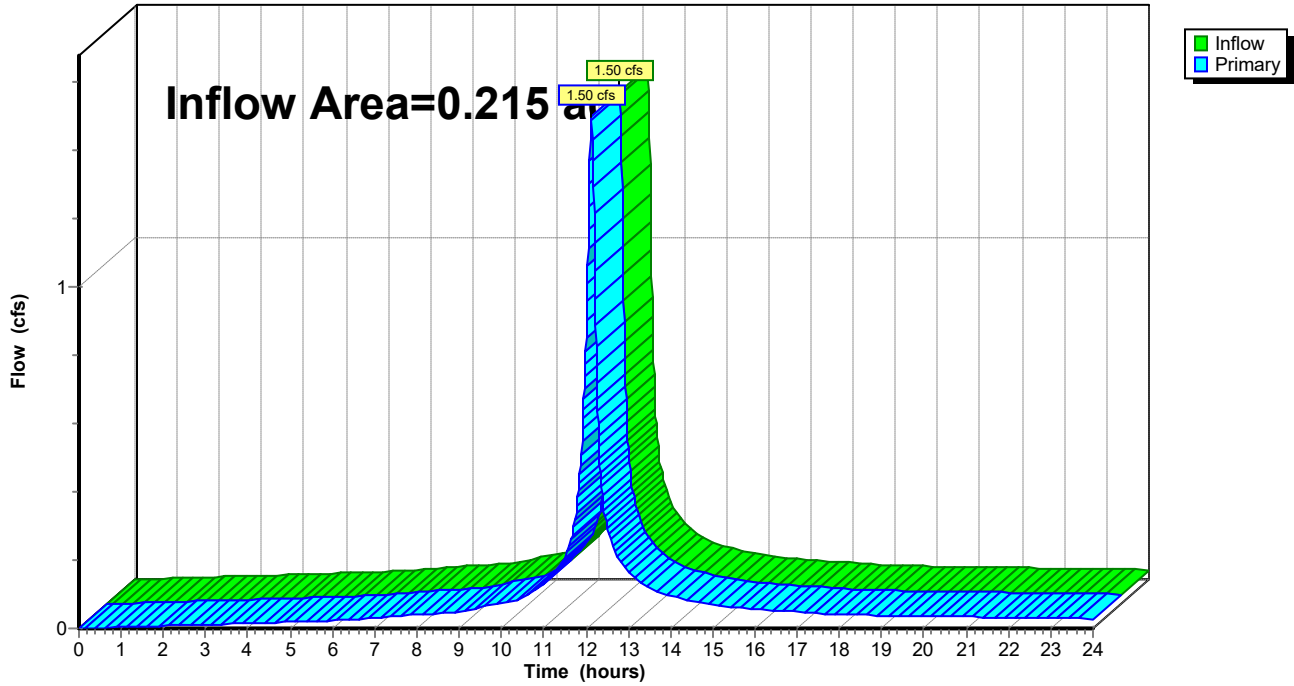


Hydrograph for Pond Pipe: 24" Pipe

| Time (hours) | Inflow (cfs) | Storage (acre-feet) | Elevation (feet) | Primary (cfs) |
|--------------|--------------|---------------------|------------------|---------------|
| 0.00 | 0.00 | 0.000 | 490.00 | 0.00 |
| 0.50 | 0.00 | 0.000 | 490.02 | 0.00 |
| 1.00 | 0.00 | 0.000 | 490.04 | 0.00 |
| 1.50 | 0.01 | 0.000 | 490.05 | 0.01 |
| 2.00 | 0.01 | 0.000 | 490.05 | 0.01 |
| 2.50 | 0.01 | 0.000 | 490.06 | 0.01 |
| 3.00 | 0.01 | 0.000 | 490.06 | 0.01 |
| 3.50 | 0.01 | 0.000 | 490.06 | 0.01 |
| 4.00 | 0.01 | 0.000 | 490.06 | 0.01 |
| 4.50 | 0.01 | 0.000 | 490.07 | 0.01 |
| 5.00 | 0.01 | 0.000 | 490.07 | 0.01 |
| 5.50 | 0.01 | 0.000 | 490.07 | 0.01 |
| 6.00 | 0.01 | 0.000 | 490.07 | 0.01 |
| 6.50 | 0.01 | 0.000 | 490.07 | 0.01 |
| 7.00 | 0.01 | 0.000 | 490.08 | 0.01 |
| 7.50 | 0.02 | 0.000 | 490.08 | 0.02 |
| 8.00 | 0.02 | 0.000 | 490.08 | 0.02 |
| 8.50 | 0.02 | 0.000 | 490.09 | 0.02 |
| 9.00 | 0.02 | 0.000 | 490.09 | 0.02 |
| 9.50 | 0.02 | 0.000 | 490.10 | 0.02 |
| 10.00 | 0.03 | 0.000 | 490.11 | 0.03 |
| 10.50 | 0.03 | 0.000 | 490.12 | 0.03 |
| 11.00 | 0.05 | 0.000 | 490.14 | 0.05 |
| 11.50 | 0.08 | 0.000 | 490.18 | 0.07 |
| 12.00 | 0.43 | 0.001 | 490.75 | 0.32 |
| 12.50 | 0.08 | 0.000 | 490.21 | 0.09 |
| 13.00 | 0.05 | 0.000 | 490.15 | 0.05 |
| 13.50 | 0.03 | 0.000 | 490.12 | 0.04 |
| 14.00 | 0.03 | 0.000 | 490.11 | 0.03 |
| 14.50 | 0.02 | 0.000 | 490.10 | 0.02 |
| 15.00 | 0.02 | 0.000 | 490.09 | 0.02 |
| 15.50 | 0.02 | 0.000 | 490.09 | 0.02 |
| 16.00 | 0.02 | 0.000 | 490.08 | 0.02 |
| 16.50 | 0.02 | 0.000 | 490.08 | 0.02 |
| 17.00 | 0.01 | 0.000 | 490.08 | 0.01 |
| 17.50 | 0.01 | 0.000 | 490.07 | 0.01 |
| 18.00 | 0.01 | 0.000 | 490.07 | 0.01 |
| 18.50 | 0.01 | 0.000 | 490.07 | 0.01 |
| 19.00 | 0.01 | 0.000 | 490.07 | 0.01 |
| 19.50 | 0.01 | 0.000 | 490.07 | 0.01 |
| 20.00 | 0.01 | 0.000 | 490.07 | 0.01 |
| 20.50 | 0.01 | 0.000 | 490.07 | 0.01 |
| 21.00 | 0.01 | 0.000 | 490.06 | 0.01 |
| 21.50 | 0.01 | 0.000 | 490.06 | 0.01 |
| 22.00 | 0.01 | 0.000 | 490.06 | 0.01 |
| 22.50 | 0.01 | 0.000 | 490.06 | 0.01 |
| 23.00 | 0.01 | 0.000 | 490.06 | 0.01 |
| 23.50 | 0.01 | 0.000 | 490.06 | 0.01 |
| 24.00 | 0.01 | 0.000 | 490.06 | 0.01 |

Link Post: Post

Hydrograph



Nethermont Lot 1K

NRCC 24-hr D 100yr Rainfall=9.23"

Prepared by {enter your company name here}

Printed 5/3/2022

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Hydrograph for Link Post: Post

| Time (hours) | Inflow (cfs) | Elevation (feet) | Primary (cfs) |
|--------------|--------------|------------------|---------------|
| 0.00 | 0.00 | 0.00 | 0.00 |
| 0.50 | 0.00 | 0.00 | 0.00 |
| 1.00 | 0.00 | 0.00 | 0.00 |
| 1.50 | 0.01 | 0.00 | 0.01 |
| 2.00 | 0.01 | 0.00 | 0.01 |
| 2.50 | 0.01 | 0.00 | 0.01 |
| 3.00 | 0.01 | 0.00 | 0.01 |
| 3.50 | 0.01 | 0.00 | 0.01 |
| 4.00 | 0.01 | 0.00 | 0.01 |
| 4.50 | 0.02 | 0.00 | 0.02 |
| 5.00 | 0.02 | 0.00 | 0.02 |
| 5.50 | 0.02 | 0.00 | 0.02 |
| 6.00 | 0.02 | 0.00 | 0.02 |
| 6.50 | 0.03 | 0.00 | 0.03 |
| 7.00 | 0.03 | 0.00 | 0.03 |
| 7.50 | 0.04 | 0.00 | 0.04 |
| 8.00 | 0.04 | 0.00 | 0.04 |
| 8.50 | 0.04 | 0.00 | 0.04 |
| 9.00 | 0.05 | 0.00 | 0.05 |
| 9.50 | 0.06 | 0.00 | 0.06 |
| 10.00 | 0.07 | 0.00 | 0.07 |
| 10.50 | 0.09 | 0.00 | 0.09 |
| 11.00 | 0.13 | 0.00 | 0.13 |
| 11.50 | 0.20 | 0.00 | 0.20 |
| 12.00 | 0.85 | 0.00 | 0.85 |
| 12.50 | 0.31 | 0.00 | 0.31 |
| 13.00 | 0.17 | 0.00 | 0.17 |
| 13.50 | 0.12 | 0.00 | 0.12 |
| 14.00 | 0.09 | 0.00 | 0.09 |
| 14.50 | 0.08 | 0.00 | 0.08 |
| 15.00 | 0.07 | 0.00 | 0.07 |
| 15.50 | 0.06 | 0.00 | 0.06 |
| 16.00 | 0.06 | 0.00 | 0.06 |
| 16.50 | 0.05 | 0.00 | 0.05 |
| 17.00 | 0.05 | 0.00 | 0.05 |
| 17.50 | 0.04 | 0.00 | 0.04 |
| 18.00 | 0.04 | 0.00 | 0.04 |
| 18.50 | 0.04 | 0.00 | 0.04 |
| 19.00 | 0.04 | 0.00 | 0.04 |
| 19.50 | 0.04 | 0.00 | 0.04 |
| 20.00 | 0.04 | 0.00 | 0.04 |
| 20.50 | 0.03 | 0.00 | 0.03 |
| 21.00 | 0.03 | 0.00 | 0.03 |
| 21.50 | 0.03 | 0.00 | 0.03 |
| 22.00 | 0.03 | 0.00 | 0.03 |
| 22.50 | 0.03 | 0.00 | 0.03 |
| 23.00 | 0.03 | 0.00 | 0.03 |
| 23.50 | 0.03 | 0.00 | 0.03 |
| 24.00 | 0.03 | 0.00 | 0.03 |

Architectural Review Board Minutes March 3, 2021

| <u>Board Members</u> | <i>Present</i> | <i>Excused</i> |
|----------------------|----------------|----------------|
| Beata Buhl- Tatka | X | |
| Susan Geffen | X | |
| Chris Tuzzo | | |
| Angelo Monaco | X | |
| John Scarlato | X | |

Review # _____, constituting page(s)
 Resubmission?
 Past submission dates: **January 2021**
 Required to resubmit?

Lori J. Zawacki, Secretary (273-3000)

Project Identification: 122.16-4-41
 Total

Zone R-5 Sq. Footage

Owner Dino DeLaurentiis

Location 21 Nethermont Avenue, N. White Plains, NY

Contractor

Sign Contractor

Structure Type

Architect Jeffrey Taylor, AIA Taylor Associates

Other

Project Delegate Dino Delaurentis Jeff Taylor

Project Description New One Family Residence

| <u>Board Action:</u> | | | |
|------------------------------|-----|-----|---------|
| Approved as Submitted** | | | |
| <u>Board Member Vote 4-0</u> | | | |
| | AYE | NAY | ABSTAIN |
| BEATA TATKA | X | | |
| SUSAN GEFFEN | X | | |
| CHRIS TUZZO | | | |
| ANGELO MONACO | X | | |
| JOHN SCARLATO | X | | |

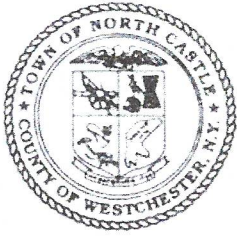
Motioned by: Susan Geffen

Seconded by: Beata Buhl Tatka

Remarks: ** This application was granted approval for size, design, material and colors per the plans submitted by Jeffrey Taylor Architect consisting of 16 pages and dated 12 /14/2020 with ARB issued dated 2/17/2021 with accompanying photos of neighboring properties and material list contained on page A-400.00 and window and door schedule on page A-600.00. Also approved was the Planting Plan (LS-1) submitted by Walter G. Nestler P. C. Landscape Architect and dated 10/10/2020.

The Building Department will notify you regarding what is needed to obtain a Building Permit.
A Building Permit is necessary before commencing construction!

Public Comments: none



Town of North Castle Building Department

17 Bedford Road

Armonk, New York 10504-1898

Telephone: (914) 273-3000 ext. 44 Fax: (914) 273-3554

www.northcastleny.com

TOWN OF NORTH CASTLE TREE REMOVAL APPLICATION PERMIT

WHEN A PERMIT IS REQUIRED

The Town of North Castle finds and declares that the preservation of Trees is necessary to protect the health, safety and general welfare of the Town of North Castle because trees provide shade, impede soil erosion, aid water absorption and retention, inhibit excess runoff and flooding, enhance air quality, offer a natural barrier to noise, provide a natural habitat for wildlife, provide screening, enhance property values and add to the aesthetic quality of the community.

A tree removal permit is required under the following circumstances:

1. Removal of a tree within a property's regulated setback zone or landscape buffer zone (All trees 8" or greater DBH - Diameter at Breast Height).

The regulated setback zone refers to the area of vegetative screening or landscaping measured from each property line of a residentially zoned property toward the interior of such property.

R-4A One-Family Residence District: 25 feet.

R-2A One-Family Residence District: 15 feet.

R-1.5A One-Family Residence District: 12 feet.

R-1A One-Family Residence District: 10 feet.

All other residential districts: 5 feet

2. Removal of a Significant Tree that's 24 inches or greater DBH at 4 feet.
3. Removal of any tree in wetlands, within clearing lines, or Conservation Easements.
3. Any cutting of more than 5 trees of 8 inches in diameter or more in any one quarter-acre area, within a 12 month period with such area being measured as a square with each side measuring 104 feet.
4. Removal of any street tree within the Right of Way.
5. Removal in any calendar year of more than ten (10) trees on any lot.



Town of North Castle Building Department

17 Bedford Road

Armonk, New York 10504-1898

Telephone: (914) 273-3000 ext. 44 Fax: (914) 273-3554

www.northcastleny.com

Tree Removal Application

NOTE: TWO (2) SETS OF ALL REQUIRED DOCUMENTS MUST BE SUBMITTED WITH THIS APPLICATION

Section I- PROJECT ADDRESS: 21 Nethermont Avenue (Tax Lot 122.16-4-41) **DATE:** 05/06/2022

Section II- CONTACT INFORMATION: (Please print clearly. All information must be current)

APPLICANT: Dino and Michelle DeLaurentiis

ADDRESS: 3 Wilton Road, Rye Brook, New York 10573

PHONE: (914) 421-1800 **MOBILE:** _____ **EMAIL:** n.wolfson@htwlegal.com

PROPERTY OWNER: same as applicant

ADDRESS: _____

PHONE: _____ **MOBILE:** _____ **EMAIL:** _____

Tree Company: TBD

ADDRESS: _____

PHONE: _____ **MOBILE:** _____ **EMAIL:** _____

Section III- REGULATED ACTIVITY: (Check all that apply)

- Removal of a tree within a property's regulated setback zone or landscaped buffer zone.
- Removal of a significant tree.
- Removal of any tree in the wetlands, within clearing lines, or conservation easements.
- Clearing/Thinning.
- Removal of any tree within the right of way.
- Removal in any calendar year of more than ten (10) trees on any lot.

Section IV- DESCRIPTION OF WORK: (Please include how many trees will be removed)

The property is currently vacant. The applicants are proposing to construct a new single family residence on the property. The removal of 20 town regulated trees is required in order to construct the new residence and related improvements. No significant trees will be removed and 6 town regulated trees will be preserved.

Section V- FUTURE PLANS:

Do you have any intention of tearing down the house to build a new house within the next six (6) months. Yes No

Town of North Castle Building Department

Section V- FUTURE PLANS: (Continued)

Do you have any intention to expand the house over 1500 square feet within the next six (6) months? Yes No

Section VI- RESTRICTION:

Is there any conservation easements on your deed? Yes No

CAROLYN MARIE CANNISTRARO
Notary Public - State of New York
No. 01CA6177080
Qualified in Westchester County
My Commission Expires Nov. 5, 2023
Carolyn Marie Cannistraro

Section VII- PERMIT FEES: (\$50 application fee and a \$25 Certificate of Compliance fee)

Section VIII- APPLICANT CERTIFICATION

I hereby certify that I have read the instructions & examined this application and know the same to be true & correct. All provisions of laws & ordinances covering this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or land use or the performance of construction.

Signature: *Dino De Laurentiis* Date: 5/6/2022

Section IX- AFFIDAVIT OF OWNER AUTHORIZATION: (To be notarized)

CAROLYN MARIE CANNISTRARO
Notary Public - State of New York
No. 01CA6177080
Qualified in Westchester County
My Commission Expires Nov. 5, 2023
Carolyn Marie Cannistraro

STATE OF NEW YORK }
COUNTY OF WESTCHESTER } SS:

The applicant DINO AND MICHELLE De Laurentiis has proper consent from said owner to make this application as submitted and said owner agrees to all terms and conditions placed upon same.

Owner's Name (PRINT) DINO De Laurentiis Owner's Signature *Dino De Laurentiis*

Sworn to before me this 6th day of may, 20 22

OFFICE USE ONLY - DO NOT WRITE BELOW THIS LINE

Zone: _____ Section: _____ Block: _____ Lot: _____

Building Department Checklist:

Does this permit require RPRC approval? Yes No
Has a plan delineating all improvements, site grading and disturbance proposed on the subject property. Yes No

GC License Work. Comp. Liability. Ins. Disability Two sets of documents

Permit Fee \$75.00 Payment type: _____ Check #: _____ Cash

Name on check: _____ Received By: _____ Date: _____

Reviewed By: _____ Date: _____

Building Inspector Approval: _____ Date: _____

Conditions: _____

HOCHERMAN TORTORELLA & WEKSTEIN, LLP
ONE NORTH BROADWAY SUITE 400
WHITE PLAINS, NY 10601
914-421-1800

ORANGE BANK & TRUST COMPANY

1650

56-247/219

CHECK ASSURANCE
CASO ASSURANCE

PAY TO THE
ORDER OF

Town of North Castle
Seventy-five ^{00/100}

May 14, 2022

\$ 75.00

DOLLARS

MEMO 21 Neighborhood - Tree Removal Permit Fee

⑆001650⑆ ⑆021902475⑆ 8837837⑆

AUTHORIZED SIGNATURE


Details on Back.



Photo Safe Deposit