

STANDARD NOTES FOR NON RESIDENTIAL SEWAGE:

- THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:
 - DESIGN STANDARDS FOR WASTEWATER TREATMENT WORKS, INTERMEDIATE SIZED SEWERAGE FACILITIES*
 - RECOMMENDED STANDARDS FOR SEWAGE TREATMENT WORKS, (TEN STATES)*
 - NEW YORK STATE DEPARTMENT OF HEALTH AND DUTCHESS COUNTY DEPARTMENT OF HEALTH POLICIES, PROCEDURES AND STANDARDS*
 - DUTCHESS COUNTY DEPARTMENT OF HEALTH SANITARY CODE, ARTICLE XI AND ARTICLE XIX.*
 - DUTCHESS COUNTY DEPARTMENT OF HEALTH CERTIFICATE OF APPROVAL LETTER.*
- THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL AND TREATMENT WATER SUPPLY FACILITIES.
- UPON COMPLETION OF THE FACILITIES, THE FINISHED WORKS SHALL BE INSPECTED, TESTED, AND CERTIFIED COMPLETE TO THE DUTCHESS COUNTY HEALTH DEPARTMENT BY THE NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SUPERVISING CONSTRUCTION. NO PART OF THE FACILITIES SHALL BE PLACED INTO SERVICE UNTIL ACCEPTED BY THE DUTCHESS COUNTY HEALTH DEPARTMENT.
- APPROVAL OF ANY PLAN(S) OR AMENDMENT THERETO SHALL BE VALID FOR A PERIOD OF FIVE (5) YEARS FROM THE DATE OF APPROVAL. FOLLOWING THE EXPIRATION OF SAID APPROVAL, THE PLAN(S) SHALL BE RE-SUBMITTED TO THE COMMISSIONER OF HEALTH FOR CONSIDERATION FOR RE-APPROVAL. RE-SUBMISSION OR REVISED SUBMISSION OF PLANS AND/OR ASSOCIATED DOCUMENTS SHALL BE SUBJECT TO COMPLIANCE WITH THE TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES IN EFFECT AT THE TIME OF THE RE-SUBMISSION.
- ALL WELLS AND SDS EXISTING OR APPROVED WITHIN 200 FEET OF THE PROPOSED WELLS AND SDS ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE SDS AND WELL.
- NO FOOTING OR ROOF DRAINS SHALL BE DISCHARGED INTO THE SEWAGE TREATMENT SYSTEM OR WITHIN 25 FEET OF ANY WELL.
- THERE SHALL BE NO VEHICULAR TRAFFIC OVER THE SEWAGE DISPOSAL SYSTEM. PRIOR TO CONSTRUCTION, THE AREA OF THE SYSTEM SHALL BE STAKED OUT AND FENCED OFF.
- SEWAGE DISPOSAL SYSTEMS SHALL NOT BE INSTALLED IN WET OR FROZEN SOIL.
- ALL REQUIRED EROSION & SEDIMENT CONTROL AND STORM WATER POLLUTION PREVENTION WATER QUALITY & QUANTITY CONTROL STRUCTURES, PERMANENT AND TEMPORARY, ARE SHOWN ON THE PLANS.
- THE DDOCH SHALL BE NOTIFIED PRIOR TO THE BACKFILLING OF ANY COMPLETED SDS SO THAT A FINAL INSPECTION MAY BE PERFORMED.
- THE DDOCH SHALL BE NOTIFIED SIXTY DAYS PRIOR TO ANY CHANGE IN USE; USE CHANGES MAY REQUIRE RE-APPROVAL BY THE DDOCH.
- THE UNDERSIGNED OWNERS OF THE PROPERTY HERETO STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

SEPTIC TANK DESIGN:
 AVERAGE DAILY FLOW = 400 GPD
 TANK SIZE = 1.5 X FLOW = 1.5 X 400 GPD = 600 GAL.
 USE 1,000 GAL SEPTIC TANK.

WASTEWATER GENERATION:
 EMPLOYEES 30
 HYDRAULIC LOADING RATE : 15 GPD PER EMPLOYEE
 SHOWERS HYDRAULIC LOADING RATE: 25 GPD
 DESIGN FLOW: (30 EMPLOYEES X 15 GPD/EMPLOYEE) + (2 X 25 GPD/SHOWER) = 500 GPD
 NYSDEC ALLOWS FOR A 20% REDUCTION OF FLOW WHERE WATER CONSERVATION FIXTURES ARE USED.
 WATER CONSERVATION = 500 GPD X 0.8 = 400 GPD

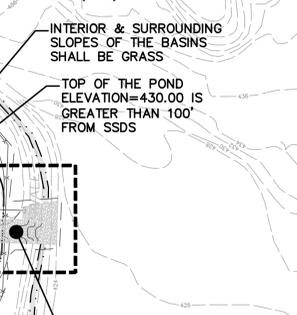
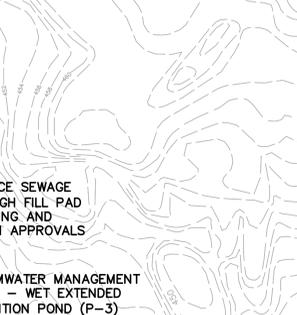
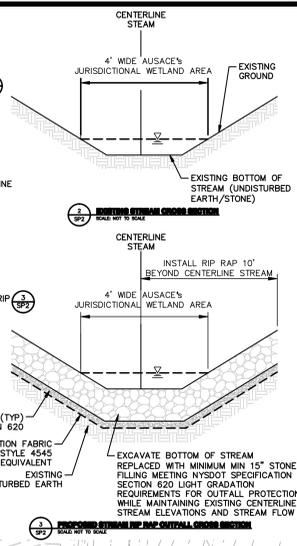
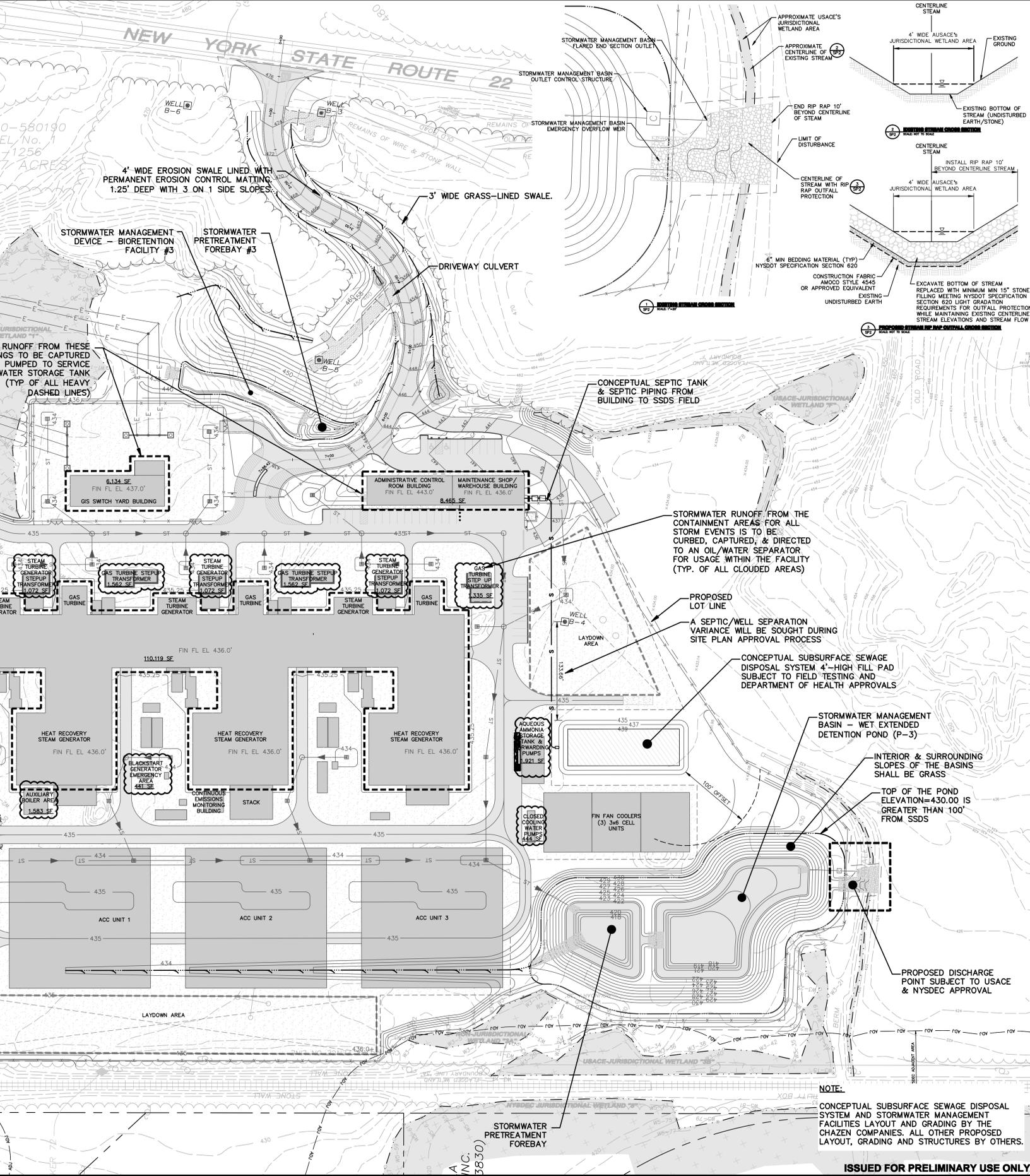
SOIL RESTORATION NOTES:

- IN AREAS WHERE SOIL DISTURBANCE HAS OCCURRED OUTSIDE OF BUILDINGS AND PAVEMENT AREAS, THE DISTURBED SUB-SOILS SHALL BE RETURNED TO ROUGH GRADE AND THE FOLLOWING SOILS RESTORATION STEPS APPLIED:
- APPLY THREE INCHES OF COMPOST OVER SOIL. COMPOST SHALL BE ACED, FROM PLANT DERIVED MATERIALS, FREE OF VIABLE WEED SEEDS, HAVE NO WOOD OR DUST PRODUCED WHEN HANDLING, PASS THROUGH A HALF INCH SCREEN AND HAVE A PH SUITABLE TO GROW DESIRED PLANTS.
 - TILL COMPOST INTO THE SUBSOIL TO A DEPTH OF AT LEAST 12-INCHES USING A CAT-MOUNTED RIPPER, TRACTOR MOUNTED DISC OR TILLER, MIXING AND CIRCULATING AIR AND COMPOST INTO SUB-SOILS.
 - ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE.
 - APPLY TOPSOIL TO A DEPTH OF SIX INCHES.

STANDARD NOTES FOR WATER SYSTEMS:

- THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:
 - RECOMMENDED STANDARDS FOR WATER WORKS (TEN STATES)*
 - RURAL WATER SUPPLY, NEW YORK STATE DEPARTMENT OF HEALTH*
 - NEW YORK STATE DEPARTMENT OF HEALTH AND DUTCHESS COUNTY DEPARTMENT OF HEALTH POLICIES, PROCEDURES AND STANDARDS*
 - DUTCHESS COUNTY DEPARTMENT OF HEALTH SANITARY CODE, ARTICLE XI AND ARTICLE V.*
 - DUTCHESS COUNTY DEPARTMENT OF HEALTH CERTIFICATE OF APPROVAL LETTER.*
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- THE UNDERSIGNED OWNERS OF THE PROPERTY HERETO STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

DISON COMPANY OF NEW YORK
 (FILED MAP#3126)



NOTE:
 CONCEPTUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM AND STORMWATER MANAGEMENT FACILITIES LAYOUT AND GRADING BY THE CHAZEN COMPANIES. ALL OTHER PROPOSED LAYOUT, GRADING AND STRUCTURES BY OTHERS.

ISSUED FOR PRELIMINARY USE ONLY

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 CRICKET VALLEY ENERGY

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SCALE: 1" = 60'

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THE Chazen COMPANIES
 Engineers/Surveyors
 Planners
 Environmental Scientists
 Landscape Architects

CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., P.C.

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rev.	date	description
1	04/24/12	REVISED PER TOWN & CLIENT COMMENTS

CRICKET VALLEY ENERGY

CONCEPTUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM AND STORMWATER MANAGEMENT PLAN

TOWN OF DOVER, DUTCHESS COUNTY, NEW YORK

drawn: MMF checked: CL
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