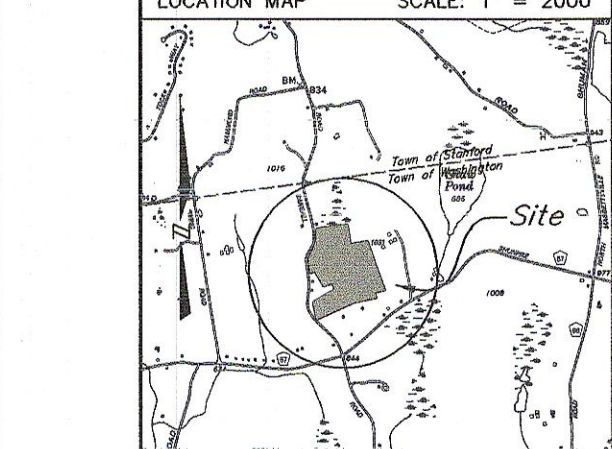
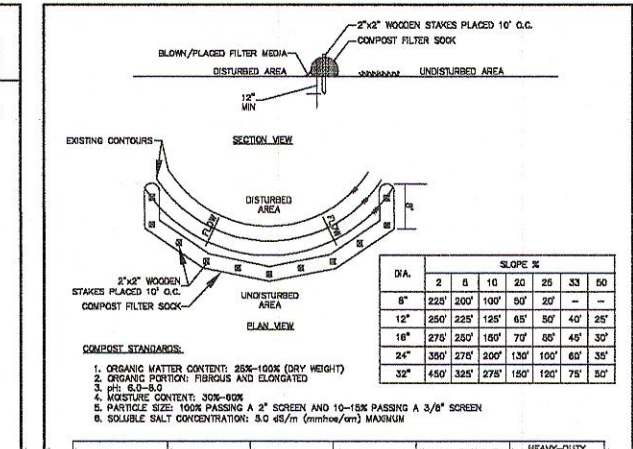
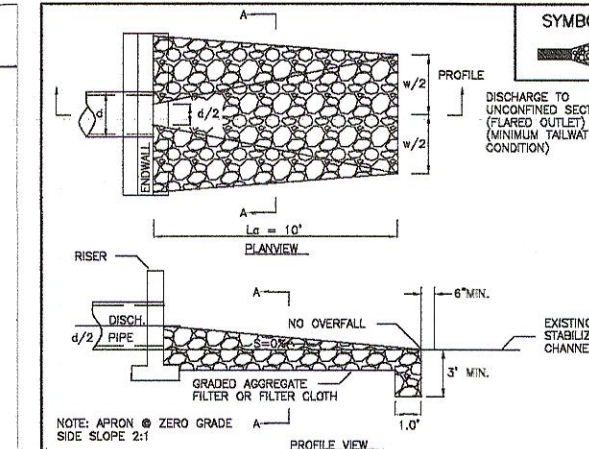
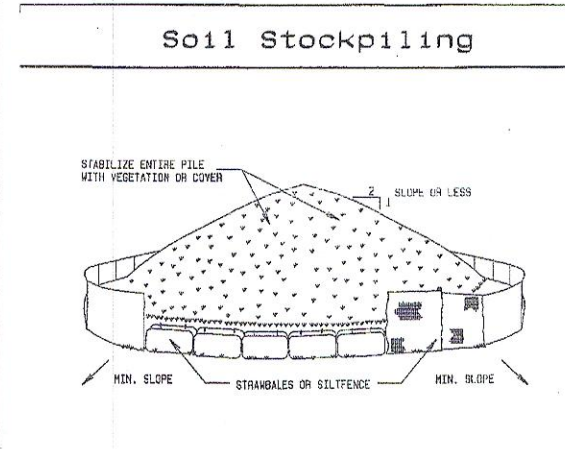


CONSTRUCTION SPECIFICATIONS

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 DISTURBED 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, SLURRING, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REGULATIONS OR CODES.
7. ALL FILLS 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, SOIL, 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 STANDARDS AND SPECIFICATIONS FOR SUBURBAN DRAIN OR OTHER APPROVED METHOD.
13. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING.
14. STOCKPILES, BORROW AREAS AND SPILL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE SUBJECT TO THE PROVISIONS OF THIS STANDARD AND SPECIFICATION.



CONSTRUCTION SPECIFICATIONS

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER 1" OR 1 1/2" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE 1 1/2" GAUGE 8" MESH WITH 1/2" 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 MESH 1/2" GAUGE 8" MESH OR APPROVED EQUIVALENT.
4. PREFABRICATED UNITS SHALL BE GEOPOLYMER, ENVIROFENCE, OR APPROVED EQUIVALENT.
5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE #2 STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 30 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 - THREE (3) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE BRUSH OR GRASS OCCURS. TWENTY-FOUR (24) FT 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 KEPT FROM THE ENTRANCE. PILING IS IMPRACTICAL, A NOTICABLE 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. MUST BE REMOVED IMMEDIATELY. WASHED OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH GRASS IS AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

CONSTRUCTION SPECIFICATIONS

1. AREA CHISEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:1.
3. BURN COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAPINGS, THEN STABILIZED WITH VEGETATION OR COVER.
4. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING.
5. STOCKPILES, BORROW AREAS AND SPILL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE SUBJECT TO THE PROVISIONS OF THIS STANDARD AND SPECIFICATION.

INSTALLATION NOTES

1. AREA CHISEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:1.
3. BURN COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAPINGS, THEN STABILIZED WITH VEGETATION OR COVER.
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CONSTRUCTION SPECIFICATIONS

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COMPOST FILTER SOCK

SOIL TYPE	1 MIL. HOPE	3 MIL. HOPE	6 MIL. HOPE	MULTI-PURPOSE (1/2" HOPE)	HEAVY-DUTY (1/2" HOPE)
CLAY	12 FT	12 FT	12 FT	12 FT	12 FT
CLAY SILT	12 FT	12 FT	12 FT	12 FT	12 FT
SILT	12 FT	12 FT	12 FT	12 FT	12 FT
SILT SAND	12 FT	12 FT	12 FT	12 FT	12 FT
SAND	12 FT	12 FT	12 FT	12 FT	12 FT
GRAVEL	12 FT	12 FT	12 FT	12 FT	12 FT
ROCK	12 FT	12 FT	12 FT	12 FT	12 FT

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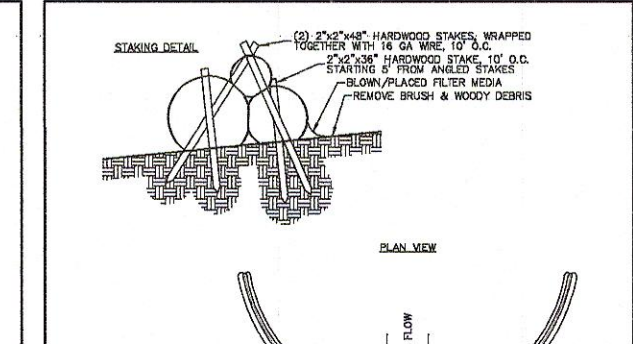
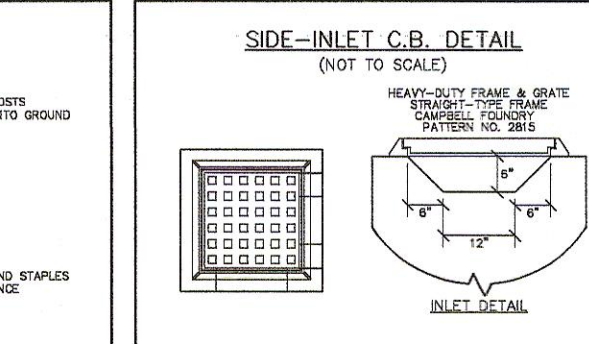
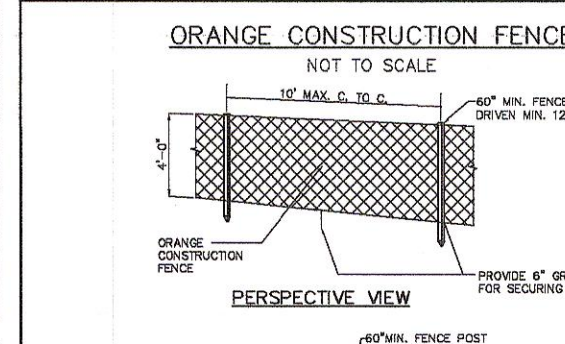
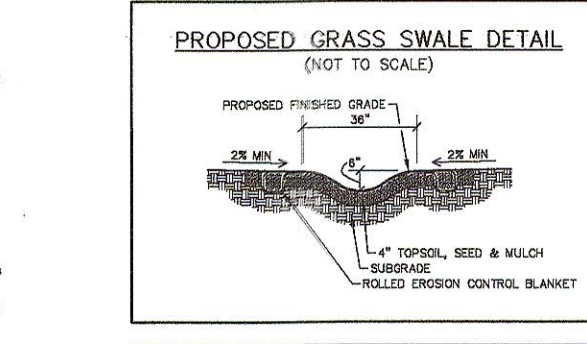
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LOT AREA: 45.3 ACRES
ZONING DISTRICT: RS-10; RURAL RESIDENTIAL
PROPOSED USE: SINGLE-FAMILY DWELLING
SCHOOL DISTRICT: MILLBROOK CENTRAL S.D.
FIRE: MILLBROOK FIRE DEPARTMENT IN THE TOWN OF WASHINGTON FIRE PROTECTION DISTRICT
AMBULANCE: MILLBROOK RESCUE SQUAD IN THE TOWN OF WASHINGTON FIRE PROTECTION DISTRICT
SUBDIVISION PLAT: N/A

EROSION & SEDIMENT CONTROL NOTES

1. PRIOR TO THE START OF CONSTRUCTION ACTIVITY, THE TEMPORARY STRUCTURAL, SEDIMENT CONTROL (SILT FENCE, STABILIZED CONSTRUCTION ENTRANCE, ETC.) FOR THE ANTICIPATED WORK MUST BE INSTALLED.
2. THE LIMITS OF LAND DISTURBANCE MUST BE PHYSICALLY MARKED ON-SITE WITH ORANGE CONSTRUCTION FENCE. SILT FENCE MUST BE INSTALLED ON-CONTAINMENT AND SHALL NOT BE USED TO DELINEATE THE LIMIT OF CONSTRUCTION, OR PROPERTY LINE.
3. MASS CLEARINGS AND GRADING MUST BE AVOIDED. CLEAR AND GRUB ONLY MATERIAL SHALL BE IMMEDIATELY STABILIZED WITH SEED, MULCH, OR APPROVED EQUIVALENT.
4. EXPOSED SOILS ANTICIPATED TO REMAIN BARE FOR MORE THAN FOURTEEN (14) DAYS SHALL BE IMMEDIATELY STABILIZED WITH TEMPORARY SEED AND MULCH.
5. WHEREVER POSSIBLE, NATURAL VEGETATION IS TO BE PROTECTED BY LIMITING THE CLEARING AND GRUBBING OPERATION, AS WELL AS RESTRICTING CONSTRUCTION EQUIPMENT TO THE WORK AREA.
6. WHERE FEASIBLE, LARGE TREES TO BE PRESERVED SHALL BE FENCED OFF SO THAT THE ROOT SYSTEM AND OVERHANGING BRANCHES ARE PROTECTED FROM CONSTRUCTION EQUIPMENT.
7. OFF-SITE RUNOFF SHOULD BE DIVERTED FROM HIGHLY ERODIBLE SLOPES AND STEEP SLOPES TO STABLE AREAS WITH TEMPORARY Dikes AND/OR STRIPINGS.
8. PERMANENT SEEDING SHOULD BE UNDERTAKEN IN THE SPRING FROM MARCH THROUGH MAY, AND IN LATE SUMMER AND EARLY FALL FROM SEPTEMBER TO OCTOBER 15. PERMANENT SEEDING SHOULD BE UNDERTAKEN DURING THE SUMMER, PROVIDING AN ADEQUATE WATERING SCHEDULE IS MAINTAINED.
9. DURING THE PEAK SUMMER MONTHS AND IN THE FALL, AFTER 15% OF AN ADEQUATE SEEDING IS OTHERWISE FOUND TO BE INTRACTABLE, AN APPROPRIATE TEMPORARY MULCH SHALL BE APPLIED. TEMPORARY SEEDING WITH RYE CAN BE UTILIZED THROUGHOUT.
10. ALL SLOPES STEEPER THAN 3:1V AS WELL AS PERMETER DIKES, SEDIMENT BASINS OR TRAPS, AND BRANCHMENTS SHALL, UPON COMPLETION, BE IMMEDIATELY STABILIZED WITH SOIL, SEED AND ANCHORED STRIP MULCH, OR OTHER APPROVED STABILIZATION MEASURES (SEEP).
11. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION AREAS OUTSIDE OF THE PERMETER SEDIMENT CONTROL SYSTEM SHALL NOT BE DISTURBED.
12. AREAS WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED SHALL BE DRESSED WITH A MINIMUM OF 4 INCHES OF TOPSOIL. COMPACTED SUB-SOILS SHALL BE DRESSED OR TILLED PRIOR TO PLACEMENT OF TOPSOIL. SURFACE SHALL BE RAKED SMOOTH, REMOVING STOCKS, STONES, AND OTHER DEBRIS. TOPSOIL SHALL BE RAKED SMOOTH, REMOVING STOCKS, STONES, AND OTHER DEBRIS. TOPSOIL SHALL BE RAKED SMOOTH, REMOVING STOCKS, STONES, AND OTHER DEBRIS. TOPSOIL SHALL BE RAKED SMOOTH, REMOVING STOCKS, STONES, AND OTHER DEBRIS.
13. TOPSOIL SHALL HAVE AT LEAST 6% BY WEIGHT OF FINE TEXTURED STABLE ORGANIC MATERIAL, AND NO GREATER THAN 20%. IT SHALL HAVE NOT LESS THAN 20% OF MATERIAL PASSING THE NO. 200 SIEVE AND NOT MORE THAN 10% OF MATERIAL PASSING THE NO. 10 SIEVE. TOPSOIL SHALL BE RAKED SMOOTH, REMOVING STOCKS, STONES, AND OTHER DEBRIS. TOPSOIL SHALL BE RAKED SMOOTH, REMOVING STOCKS, STONES, AND OTHER DEBRIS. TOPSOIL SHALL BE RAKED SMOOTH, REMOVING STOCKS, STONES, AND OTHER DEBRIS.
14. SEEDING FOR TEMPORARY STABILIZATION OR IN PREPARATION OF WINTER SHUTDOWNS SHALL BE APPLIED AT THE FOLLOWING RATE AND SCHEDULE: SPRING OR SUMMER OR EARLY FALL USE RYEGRASS AT 30 LBS PER ACRE. LATE FALL OR EARLY WINTER, USE WINTER RYE AT 100 LBS PER ACRE.
15. PERMANENT SEEDING FOR FINAL STABILIZATION SHOULD BE APPLIED EITHER FROM SPRING-THRU TO MID-MAY OR MID-AUGUST TO EARLY FALL. SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS PER ACRE. SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS PER ACRE. SEEDING SHALL BE APPLIED AT A RATE OF 100 LBS PER ACRE.
16. HAY OR STRAW MULCH SHALL BE APPLIED TO ALL SEEDING AREAS, TEMPORARY OR PERMANENT, AT A RATE OF 2 TONS PER ACRE (OR 3 BALES PER 1,000 SQ FT).
17. WHEN SPECIFIED, ROLLED EROSION CONTROL BLANKET SHALL BE STRAW DECOMPOSABLE DOUBLE-NET BLANKET (DDB-2) (MIN) AS MANUFACTURED BY CTRAGRI, INC. SHALL BE PROVIDED ON ALL FINAL GRADES STEEPER THAN 1 VERTICAL OVER 3 HORIZONTAL (UP TO 2:1V).
18. WHEN SPECIFIED, NET PROTECTION SHALL BE INSTALLED CONCURRENTLY WITH CATCH BASIN INSTALLATION. IN THE SAME MANNER, ROCK OUTLET PROTECTION SHALL BE INSTALLED CONCURRENTLY WITH PIPE DISCHARGE INSTALLATION.
19. EROSION AND SEDIMENT CONTROL PRACTICES WITHIN THE ACTIVE WORK AREA SHALL BE INSPECTED DAILY TO ENSURE THAT THEY ARE BEING MAINTAINED IN EFFECTIVE OPERATING CONDITION AT ALL TIMES.
20. IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN FOURTEEN (14) DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED.
21. DISCHARGES FROM Dewatering ACTIVITIES, INCLUDING DISCHARGES FROM Dewatering OF TRENCHES AND EXCAVATIONS, MUST BE MANAGED BY APPROPRIATE CONTROL MEASURES.
22. STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED SO TO PREVENT THE TRACKING OF SEDIMENT OFF-SITE. SEDIMENT TRACKED ONTO PAVED RIGHTS-OF-WAY SHALL BE SWEEP CLEAN AT THE END OF EACH WORK DAY.
23. SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT BECOMES 8" DEEP AT THE FABRIC. SILT FENCE SHALL BE REPLACED WHEN FABRIC BECOMES RIPPED OR FRADED.
24. SEDIMENT SHALL BE REMOVED FROM SEDIMENT TRAPPING DEVICES WHEN ACCUMULATION REACHES 50% OF DESIGN CAPACITY. STONE SHALL BE CLEANED OR REPLACED WHEN SEDIMENT POOL NO LONGER DRAINS PROPERLY.

GOOD HOUSEKEEPING

1. ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN A SECURELY LOCKED METAL CONTAINER (OR FENCE, STABILIZED CONSTRUCTION ENTRANCE, ETC.) FOR THE ANTICIPATED WORK MUST BE INSTALLED.
2. THE LIMITS OF LAND DISTURBANCE MUST BE PHYSICALLY MARKED ON-SITE WITH ORANGE CONSTRUCTION FENCE. SILT FENCE MUST BE INSTALLED ON-CONTAINMENT AND SHALL NOT BE USED TO DELINEATE THE LIMIT OF CONSTRUCTION, OR PROPERTY LINE.
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UNDERGROUND WARNING - NYS CODE RULE 753.

NEW YORK STATE INDUSTRIAL CODE 63 REQUIRES EXCAVATORS TO CALL OUT SAFELY NEW YORK INC. (800-862-7863) FOR A MEMBER-UTILITY LOCATION RECORD AT LEAST TWO (2) MORNING HOURS, BUT NOT MORE THAN TEN (10) MORNING HOURS BEFORE ANY EXCAVATION OR DEMOLITION STARTS, REGARDLESS OF LOCATION. NOT ALL UTILITIES OR MEMBER-UTILITY OPERATORS WILL DISPLAY THE NEW YORK INC. AND MEMBER-UTILITY OPERATORS MUST BE CONTACTED DIRECTLY.

UNDERGROUND WARNING - NYS CODE RULE 753.

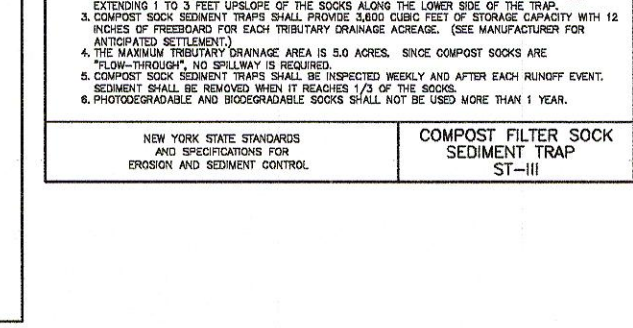
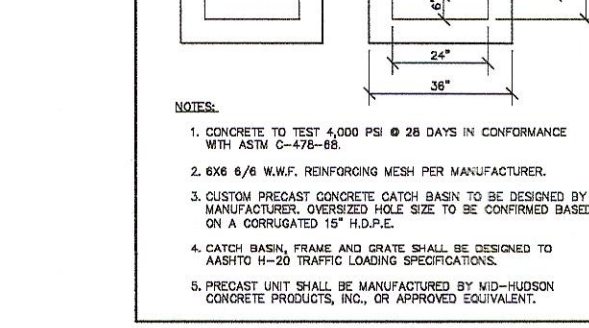
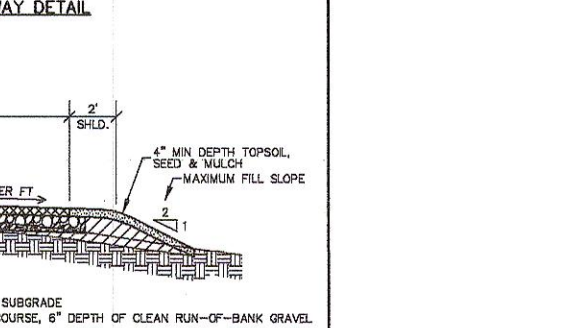
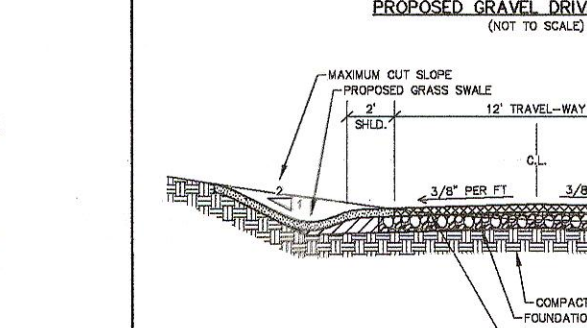
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UNDERGROUND WARNING - NYS CODE RULE 753.

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CONSTRUCTION SEQUENCE

1. CONDUCT PRE-CONSTRUCTION CONFERENCE WITH OWNER, CONTRACTOR, AND REPRESENTATIVES OF THE TOWN OF WASHINGTON AND INVOLVED AGENCIES.
2. ESTABLISH DISTURBANCE LIMITS, AND DEMOTE RESOURCES TO BE PROTECTED.
3. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE (SCE) AND ROADWAY.
4. INSTALL SILT FENCING AND SEDIMENT CONTROLS.
5. ACCOMPLISH REQUIRED CLEARING/GRUBBING OF SITE.
6. TOPSOIL REMOVAL AND STOCKPILED PERFORMED WHERE WORK PERMITTED.
7. STAGED DRIVEWAY CONSTRUCTION, AND STABILIZE GRADING AS PER PERMITTED.
8. SITE DEVELOPMENT/HOUSE CONSTRUCTION AND SITE UTILITIES PER APPROVED PLANS.
9. REMOVE STAGING AREAS UPON COMPLETION OF CONSTRUCTION.
10. SOIL RESTORATION OF DISTURBED AREAS.
11. REMOVE EROSION AND SEDIMENT CONTROL PRACTICES.

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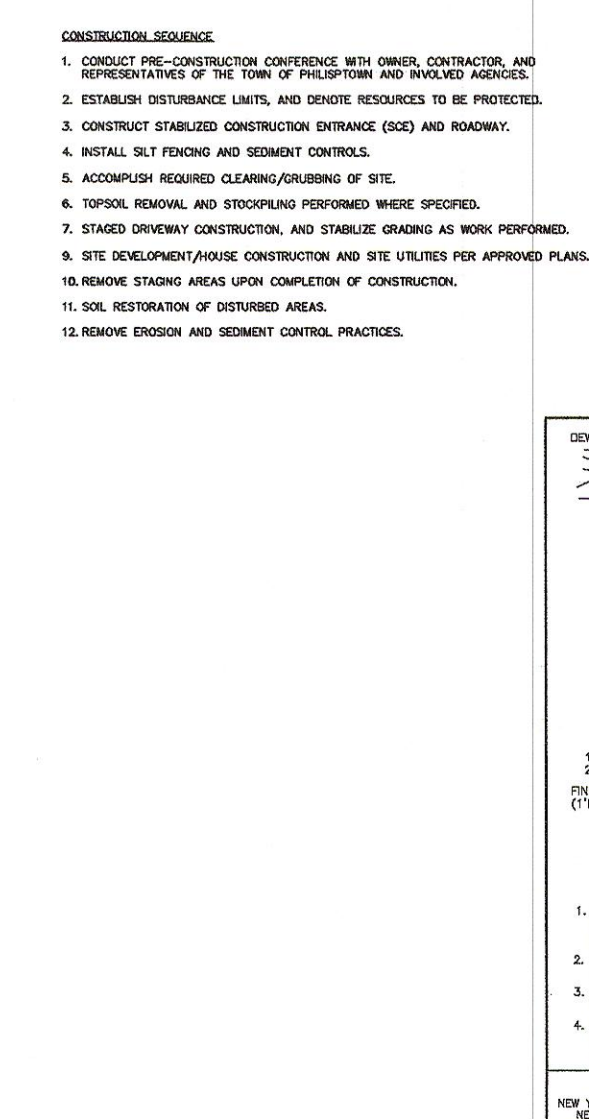
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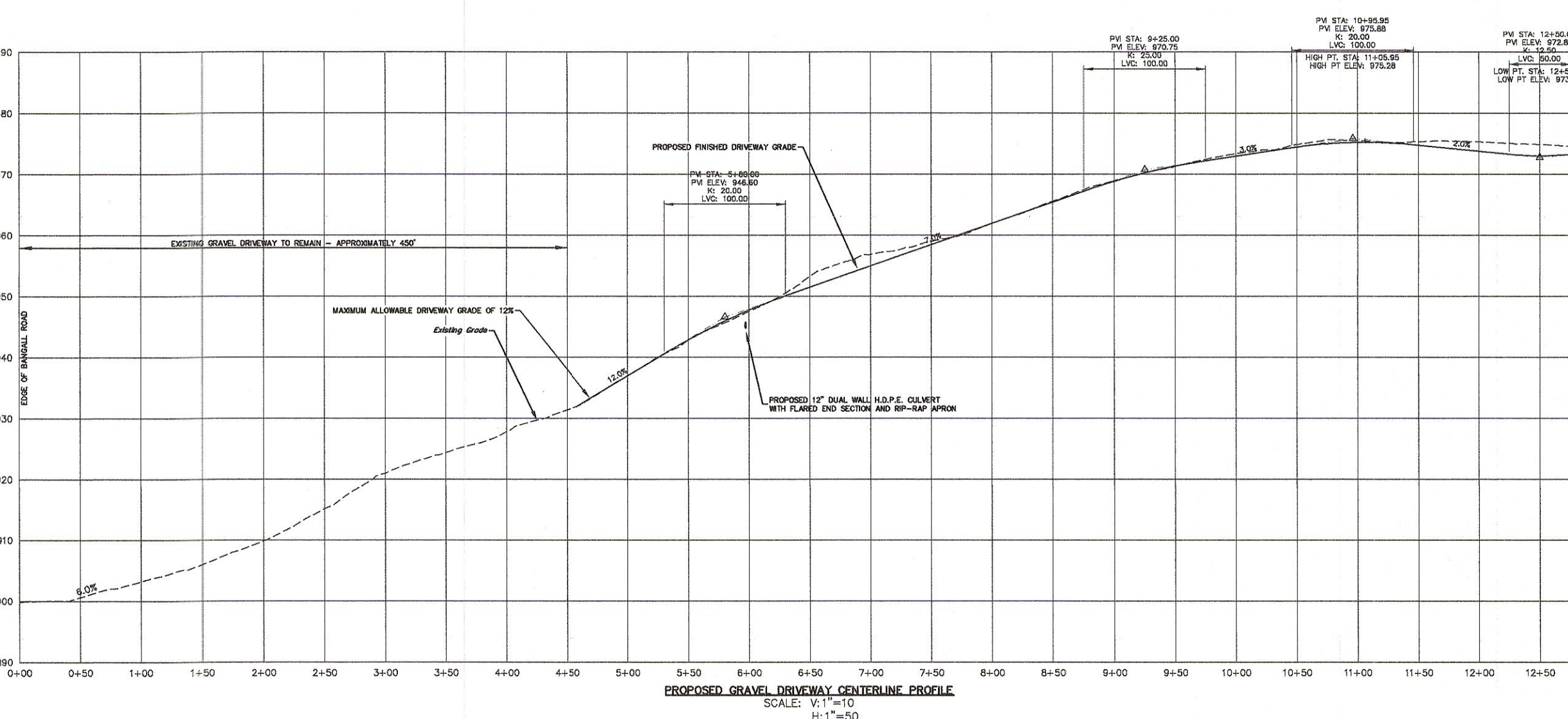
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CONSTRUCTION SPECIFICATIONS

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE FOR Dewatering. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
2. HARDWARE CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
3. USE CLEAN STONE OR GRAVEL 1/2"-3/4" INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF THE BLOCK ON A 2:1 SLOPE ON FLATS.
4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWING. MAXIMUM DRAINAGE AREA 1 ACRE.



SOILS LEGEND

Map Symbol	Hydrologic Group	Soil Name
DwD	B/D	DUTCHESS-CAROLAN complex, hilly, rocky
GsB	C	GEORGIA silt loam, 3 to 8 % slopes
Pc	A/D	PALMS muck
SvC	C	STOCKBRIDGE silt loam, 8 to 15 % slopes
Su	D	SUN silt loam

REVISIONS

DATE	DESCRIPTION
10/22/20	ORIGINAL DRAWING
01/13/21	HOUSE FOOTPRINT, BASEMENT SERVICE DECREASE, REDUCED COUNTY, ELM, DGE
03/23/21	ADDRESS D.C.D.H. COMMENTS OF 12/2/20 & 2/23/21, DEVELOP RESIDENTIAL SITE PLAN
04/20/21	ADD STATE & FEDERAL WETLANDS, UPDATE PLAN WITH NEW SURVEY

WARNING STAMP

ALTERATION OF THIS DOCUMENT, IN ANY WAY, BY ANY PERSON NOT UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, AS APPROPRIATE, IS A VIOLATION OF THE EDUCATION LAW OF THE STATE OF NEW YORK.

PROJECT LOCATION

692-696 BANGALL ROAD, MILLBROOK
TOWN OF WASHINGTON
COUNTY OF DUTCHESS
STATE OF NEW YORK

PROJECT DESCRIPTION

NEW CONSTRUCTION OF SINGLE-FAMILY RESIDENT TO BE SERVED BY NEW INDIVIDUAL PRIVATE SEPTIC & WELL. THIS RESIDENCE SHALL BE THE PRIMARY HOME AND THE EXISTING RESIDENCE SHALL BE THE GUEST HOUSE.

PREPARED FOR

JESSE DERRIS & JORDANA KIER
9 WEST 20TH STREET - UNIT #11
NEW YORK, NY 10011

CONSTRUCTION NOTES & DETAILS

STORMWATER POLLUTION PREVENTION PLAN (BASIC)

SCALE: AS NOTED

PRINTED

April 20, 2021

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Surveying & Engineering P.C.

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SHEET 3 OF 3

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