

L. 4113 P. 305



LOCATION PLAN
1 INCH = 2000 FEET

LEGEND:

- PROPOSED GRASS
- PROPOSED CONCRETE
- PROPOSED PAVEMENT
- PROPERTY LINE
- ADJOINING PROPERTY LINE
- EXISTING EDGE OF PAVEMENT//CURB
- PROPOSED LOT LINE//RIGHT OF WAY
- PROPOSED EDGE OF PAVEMENT AND CURB
- PROPOSED DRIVEWAY
- PROPOSED GUIDERAIL
- PROPOSED FENCE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED SANITARY SEWER
- PROPOSED DRAINAGE
- EXISTING WATER
- EXISTING SEWER
- EXISTING GAS
- EXISTING COMMUNICATION LINE
- EXISTING ELECTRIC
- UNKNOWN MARKOUT
- EXISTING LIGHTING POLES



RECORD OWNER:

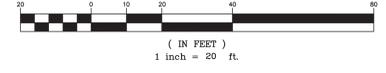
TOWN OF MONTGOMERY
110 BRACKEN ROAD
MONTGOMERY, NY 12549

L. 4113 P. 305
L. 4728 P. 64
30 - 1 - 87
FM LOT
MAP NO. 138-94

AREA:

11.496± AC.

GRAPHIC SCALE



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Goshen, N.Y. 10924
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SITE PLAN PREPARED FOR

NEW POLICE FACILITY
(TOWN OF MONTGOMERY)

TOWN OF MONTGOMERY
ORANGE COUNTY, NEW YORK

Date:	MARCH 6, 2024
Revisions:	MARCH 28, 2024 JUNE 18, 2024 AUGUST 15, 2024 OCTOBER 24, 2024 DECEMBER 23, 2024 JANUARY 14, 2025 APRIL 17, 2025 APRIL 25, 2025
CAD File:	SITE PLAN-36+WALLS
Layout:	SITE PLAN
Sheet No.:	2 OF 6
Drawing No.:	C30
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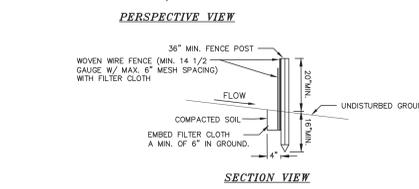
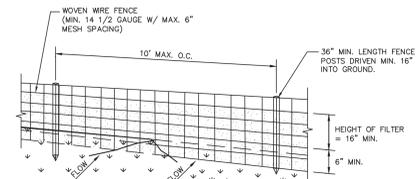
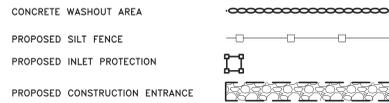
Drawn By: PDLs Checked By: Scale: 1" = 20' Tax Map No: 30-1-87

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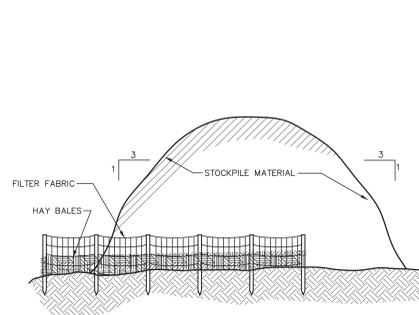
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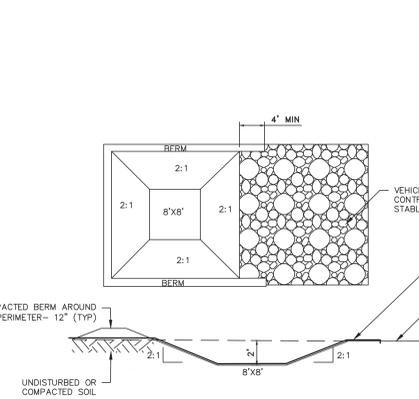


- CONSTRUCTION SPECIFICATIONS**
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "I" OR "U" TYPE OR HARDWOOD.
 2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL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

SILTATION FENCE
NOT TO SCALE



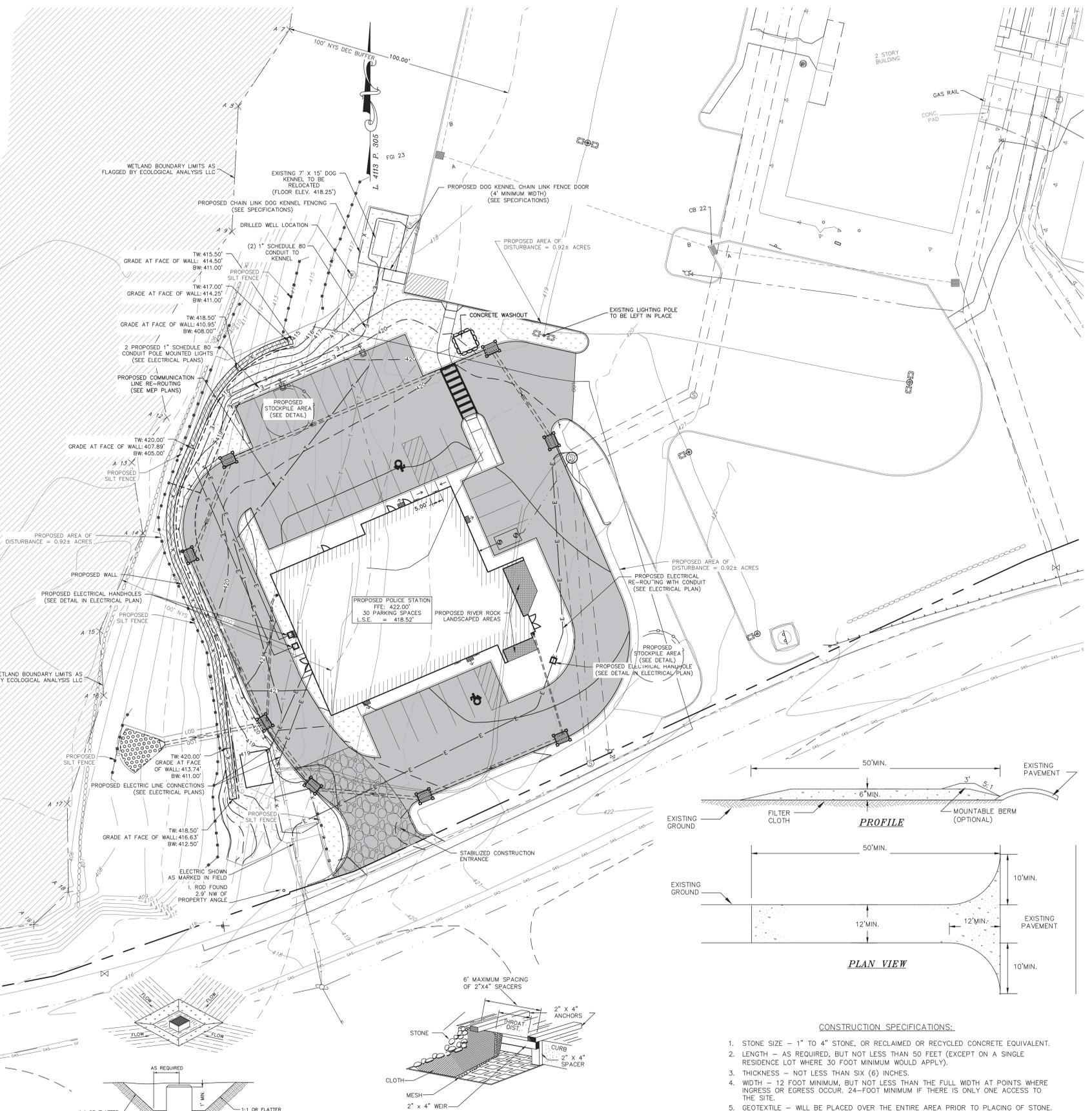
TYPICAL STOCKPILE DETAIL
NOT TO SCALE



- NOTES**
1. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
 2. THE CONCRETE WASHOUT AREA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 8'X8' SLOPES LEADING OUT IF THE SUBSURFACE PIT SHALL BE 2:1 OR FLATTER. THE PIT SHALL BE AT LEAST 2' DEEP.
 3. BERM SURROUNDING SIDES AND BACK OF THE CONCRETE WASHOUT AREA SHALL HAVE MINIMUM OF 1'.
 4. VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CONCRETE WASHOUT AREA.
 5. USE EXCAVATED MATERIAL FOR PERIMETER CONSTRUCTION.
 6. CONCRETE WASHOUT SHALL BE LINED WITH A PLASTIC SHEETING LINER WITH A MINIMUM THICKNESS OF 10 MILS AS SPECIFIED BY N.Y.S.D.E.C.
 7. CONCRETE WASHOUT TO HAVE A MINIMUM SEPARATION OF 100' FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STREAMS, AND OTHER SURFACE WATERS.

CONCRETE WASHOUT AREA DETAIL
NOT TO SCALE

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CATCH BASIN SEDIMENT TRAP
NOT TO SCALE

- CONSTRUCTION SPECIFICATION FOR ST-III**
1. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
 2. THE VOLUME OF SEDIMENT STORAGE SHALL BE 3600 CUBIC FEET PER ACRE OF CONTRIBUTORY DRAINAGE. THE MAXIMUM DRAINAGE AREA IS 3 ACRES.
 3. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
 4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
 5. THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE CONSTRUCTED DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
 6. ALL CUT SLOPES SHALL BE 1:1 OR FLATTER.

STORM DRAIN INLET FILTER DETAIL
NOT TO SCALE

- CONSTRUCTION SPECIFICATIONS:**
1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85.
 2. WOODEN FRAME SHALL BE CONSTRUCTED OF 2" X 4" CONSTRUCTION GRADE LUMBER.
 3. WIRE MESH ACROSS THROAT SHALL BE A CONTINUOUS PIECE 30 INCH MINIMUM WIDTH WITH A LENGTH 4 FEET LONGER THAN THE THROAT. IT SHALL BE SHARPED AND SECURELY NAILED TO A 2" X 4" WEIR.
 4. THE WEIR SHALL BE SECURELY NAILED TO 2" X 4" SPACERS 9 INCHES LONG SPACED NO MORE THAN 6 FEET APART.
 5. THE ASSEMBLY SHALL BE PLACED AGAINST THE INLET AND SECURED BY 2" X 4" ANCHORS 2 FEET LONG EXTENDING ACROSS THE TOP OF THE INLET AND HELD IN PLACE BY SANDBAGS OR ALTERNATE WEIGHTS.
 6. THE STONE USED TO HOLD AND COVER THE FILTER FABRIC SHALL BE LOOSELY PLACED, 2" MIN. DIAM. ROUND STONE.

STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE

- CONSTRUCTION SPECIFICATIONS:**
1. STONE SIZE - 1" TO 4" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE 30 FOOT MINIMUM WOULD APPLY).
 3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
 4. WIDTH - 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR. 24-FOOT MINIMUM IF THERE IS ONLY ONE ACCESS TO THE SITE.
 5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
 6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT INTO PUBLIC RIGHT OF WAY THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
 8. WASHING - WHEN WHEEL WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

SEDIMENT AND EROSION CONTROL SEQUENCING

1. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES WHERE SHOWN ON THE PLAN.
2. INSTALL SEDIMENT BARRIERS/SWALES/DITCHES/DIKES AT DOWN SLOPE AREAS FROM ALL PROPOSED GRADING OPERATIONS, AND INSTALL OTHER SEDIMENTATION AND EROSION CONTROL STRUCTURES OR MEASURES AS SHOWN ON THE DRAWINGS.
3. LAND DISTURBANCE SHALL BE LIMITED TO ONLY THAT AREA NECESSARY FOR DEVELOPMENT. NO MORE THAN FIVE (5) ACRES OF UNPROTECTED SOIL SHALL BE DISTURBED ONE TIME. PREVIOUS EARTHWORK SHALL BE STABILIZED AS SPECIFIED BEFORE ADDITIONAL AREA IS EXPOSED.
4. CLEAR EXISTING TREES AND VEGETATION FROM AREAS TO BE EXCAVATED OR FILLED, THEN STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE DISTURBED. SEED STOCKPILED TOPSOIL WITH TEMPORARY RYEGRASS COVER AS SPECIFIED BELOW (SEE NOTE 8), AND ERECT A SILT FENCE AROUND THE STOCKPILE.
5. PROTECT ALL TREES WHICH ARE TO REMAIN AND WHICH ARE IN OR NEAR CONSTRUCTION AREAS DIRECTED IN THE FIELD WITH SNOW FENCING PLACED AROUND THE TREE TRUNK. PLACE SNOW FENCING AT THE DRIP LINE SURROUNDING TREES, IF POSSIBLE, OR TO MAINTAIN A MINIMUM DIAMETER OF 10 FEET AROUND TREES. WHERE FENCING MUST BE PLACED CLOSER THAN THE DRIP LINE, PLACE 4 INCHES OF WOOD CHIPS OVER ROOT ZONE TO EXTEND TO THE DRIP LINE. MAINTAIN THIS WOOD CHIP PROTECTION FOR THE DURATION OF CONSTRUCTION.
6. PERFORM NECESSARY EXCAVATION OR FILL OPERATIONS TO BRING SITE TO DESIRED SUBGRADE. INSTALL STORM DRAINAGE SYSTEM.
7. INSTALL SEDIMENT BARRIERS AROUND ALL STORM DRAIN INLETS, OR MODIFY SEDIMENT CONTROL MEASURES INSTALLED IN #2 ABOVE AND MAINTAIN UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH PERMANENT LAWN MIX AND ALL PAVEMENTS ARE PAVED WITH A BASE COURSE.
8. SEED ALL DISTURBED AREAS WHICH WILL REMAIN UNDISTURBED FOR A PERIOD OF 15 DAYS OR MORE AND WHICH WILL NOT BE UNDER CONSTRUCTION WITHIN 30 DAYS WITH TEMPORARY RYEGRASS COVER, AS FOLLOWS (METHOD OF SEEDING IS OPTIONAL):
 - A. LOOSEN SEEDBED BY DIGGING TO A 4" DEPTH.
 - B. SEED WITH 5 LBS PER ACRE PERENNIAL OR ANNUAL RYEGRASS.
 - C. MULCH WITH 100-200 BALES PER ACRE OF BLOWN AND CHOPPED HAY BOUND IN PLACE WITH 2000 LBS PER ACRE CELLULOSE FIBER MULCH, AND WITH AN APPROVED TACKIFIER BINDER.
9. IF CONSTRUCTION IS SUSPENDED OR COMPLETED, ALL DISTURBED AREAS SHALL BE SEED AND MULCHED IMMEDIATELY. ALL SLOPES STEEPER THAN ONE ON THREE (1/3) AND PERIMETER TRENCHES AND TRAP EMBANKMENTS SHALL, ON COMPLETION, BE IMMEDIATELY STABILIZED WITH TEMPORARY SEEDING AND MULCHING.
10. AFTER COMPLETION OF SITE CONSTRUCTION, FINE GRADE AND SPREAD TOPSOIL ON ALL LAWN AREAS AND SEED WITH PERMANENT LAWN MIX AS FOLLOWS (SEE LANDSCAPE PLAN FOR OTHER PLANTING INFORMATION):
 - A. LIME TOPSOIL TO PH 6.0.
 - B. FERTILIZE WITH 20 LBS PER SQ. FT. OF 5-10-10, 50% WATER SOLUBLE NITROGEN FERTILIZER.
 - C. SEED WITH 5 LBS PER 1000 SQ. FT. OF THE FOLLOWING MIXTURE, OR OTHER MIXTURE APPROVED BY THE LANDSCAPE ARCHITECT: 40% JAMESTOWN CHEWINGS FESCUE, 40% BARON KENTUCKY BLUEGRASS AND 20% YORKTOWN PERENNIAL RYEGRASS.
 - D. MULCH AS DESCRIBED FOR TEMPORARY SEEDING (NOTE 8 ABOVE).
 - E. FERTILIZE 4 WEEKS AFTER GERMINATION WITH 10 LBS 20-10-10 FERTILIZER PER 1000 SQ. FT.
11. DURING THE PROGRESS OF CONSTRUCTION, MAINTAIN ALL SEDIMENT TRAPS, BARRIERS, AND FILTERS AS NECESSARY TO PREVENT THEIR BEING CLOGGED UP WITH SEDIMENT.
12. AFTER PAVEMENTS ARE INSTALLED AND PERMANENT VEGETATIVE COVER AND PLANTINGS ARE ESTABLISHED, REMOVE SEDIMENT BARRIERS AND SEED THOSE DISTURBED AREAS.
13. MAINTAIN ALL SEEDED AND PLANTED AREAS TO INSURE A VIABLE STABILIZED VEGETATIVE COVER.
14. STRUCTURAL MEASURES MUST BE MAINTAINED TO BE EFFECTIVE. IN GENERAL, THESE MEASURES MUST BE PERIODICALLY INSPECTED TO INSURE STRUCTURAL INTEGRITY, TO DETECT VANDALISM DAMAGE, AND FOR CLEANING AND REPAIR WHENEVER NECESSARY.
15. DURING CONSTRUCTION, ALL STRUCTURES SHOULD BE INSPECTED WEEKLY AND AFTER EVERY RAIN. REMOVE ACCUMULATED SEDIMENT AND STOCKPILE AND STABILIZE IN AN AREA NOT SUBJECT TO FURTHER EROSION.
16. AFTER CONSTRUCTION IS COMPLETED, PERMANENT SEDIMENT OR EROSION CONTROL STRUCTURES SHOULD BE INSPECTED AT LEAST SEMI-ANNUALLY AND AFTER EVERY RAIN.

WINTER SITE STABILIZATION AND INSPECTIONS

THIS GUIDANCE IS TO ADDRESS THE REQUIREMENTS FOR WINTER SITE STABILIZATION ON CONSTRUCTION SITES WHERE THE OWNER/OPERATOR WISHES TO REDUCE WEEKLY SITE INSPECTIONS THAT ARE REQUIRED PURSUANT TO PART III.D.3.A. OF THE STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT GP-02-01.

THE OWNER/OPERATOR IS REQUIRED TO HAVE A QUALIFIED PROFESSIONAL CONDUCT A SITE INSPECTION AT LEAST EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER. AT THE END OF THE CONSTRUCTION SEASON WHEN SOIL DISTURBANCE ACTIVITIES WILL BE FINALIZED OR SUSPENDED UNTIL THE FOLLOWING SPRING, IT MAY BE DESIRABLE TO REDUCE THE FREQUENCY OF THE REQUIRED INSPECTIONS.

IF THE SOIL DISTURBANCE IS COMPLETELY SUSPENDED AND THE SITE IS PROPERLY STABILIZED AN OWNER/OPERATOR MAY REDUCE THE SELF-INSPECTION FREQUENCY, BUT SHALL MAINTAIN A MINIMUM OF MONTHLY INSPECTIONS IN ALL SITUATIONS (EVEN WHEN THERE IS TOTAL WINTER SHUTDOWN), DURING PERIODS OF REDUCED INSPECTION FREQUENCY, INSPECTIONS MUST STILL BE DONE AFTER EVERY STORM EVENT OF 0.5 INCHES OR GREATER.

TO BE ALLOWED TO REDUCE INSPECTION FREQUENCIES, THE OPERATOR MUST COMPLETE STABILIZATION ACTIVITIES (PERIMETER CONTROLS, TRAPS, BARRIERS ETC) BEFORE PROPER INSTALLATION IS PRECLUDED BY SNOW COVER OR FROZEN GROUND. IF VEGETATION IS DESIRED, SEEDING, PLANTING, AND/OR SOODING MUST BE SCHEDULED TO AVOID DIE-OFF FROM FALL FROSTS AND ALLOW FOR PROPER GERMINATION/ESTABLISHMENT.

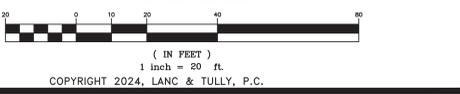
ALL EROSION AND SEDIMENT CONTROLS MUST BE INSTALLED AND MAINTAINED ACCORDING TO THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (AKA BLUE BOOK). THE MAIN ITEMS TO CONSIDER ARE:

1. SITE STABILIZATION - ALL BARE/EXPOSED SOILS MUST BE STABILIZED BY AN ESTABLISHED VEGETATION, STRAW OR MULCH, MATTING, ROCK OR OTHER APPROVED PRODUCT SUCH AS ROLLED EROSION CONTROL PRODUCT. SEEDING OF AREAS ALONG WITH MULCHING IS ENCOURAGED, HOWEVER SEEDING ALONE IS NOT CONSIDERED ACCEPTABLE FOR PROPER STABILIZATION.
2. SEDIMENT BARRIERS - BARRIERS MUST BE PROPERLY INSTALLED AT ALL NECESSARY PERIMETER AND SENSITIVE LOCATIONS.
3. SLOPES - ALL SLOPES AND GRADES MUST BE PROPERLY STABILIZED WITH APPROVED METHODS. ROLLED EROSION CONTROL PRODUCTS MUST BE USED ON ALL SLOPES GREATER THAN 3/1, OR WHERE CONDITIONS FOR EROSION DICTATE SUCH MEASURES.
4. SOIL STOCKPILES - STOCKPILED SOILS MUST BE PROTECTED BY THE USE OF ESTABLISHED VEGETATION, AN ANCHORED-DOWN STRAW OR MULCH, ROLLED EROSION CONTROL PRODUCT OR OTHER DURABLE COVERING. A BARRIER MUST BE INSTALLED AROUND THE PILE TO PREVENT EROSION AWAY FROM THAT LOCATION.
5. CONSTRUCTION ENTRANCE - ALL ENTRANCE/EXIT LOCATIONS TO THE SITE MUST BE PROPERLY STABILIZED AND MUST BE MAINTAINED TO ACCOMMODATE SNOW MANAGEMENT AS SET FORTH IN THE NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
6. SNOW MANAGEMENT - SNOW MANAGEMENT MUST NOT DESTROY OR DEGRADE EROSION AND SEDIMENT CONTROL PRACTICES.

FROZEN GROUND, WINTER CONDITIONS AND EQUIPMENT CAN AFFECT EROSION AND SEDIMENT CONTROL PRACTICES. CHECK FOR DAMAGE DURING MONTHLY INSPECTIONS AND REPAIR AS NECESSARY. THIS IS ESPECIALLY IMPORTANT DURING THAW AND PRIOR TO SPRING RAIN EVENTS. WEEKLY INSPECTIONS MUST RESUME NO LATER THAN MARCH 15 OR AS DIRECTED BY THE DEPARTMENT.

THIS EROSION CONTROL PLAN SHALL BE USED FOR EROSION CONTROL METHODS AND LOCATIONS ONLY. DO NOT USE THIS PLAN FOR BUILDING, PAVED AREA, UTILITY LOCATIONS, ETC.

THE CONTRACTOR IS ASSIGNED THE RESPONSIBILITY FOR THE CONSTRUCTION AND MAINTENANCE OF THE MEASURES AS DETAILED ON THIS PLAN AND ACCOMPANYING TECHNICAL SPECIFICATIONS



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EROSION AND SEDIMENT CONTROL PLAN
PREPARED FOR

**NEW POLICE FACILITY
(TOWN OF MONTGOMERY)**

TOWN OF MONTGOMERY
ORANGE COUNTY, NEW YORK

DATE: MARCH 6, 2024
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CDP PLAN: LANC-TM-24-001
 SHEET: SITE PLAN
 LAYOUT: 4 OF 6
 DRAWN BY: PDL
 CHECKED BY: [Signature]
 SCALE: 1" = 20'
 TAX MAP NO.: 30-1-87
 DRAWING NO.: C30
 A-18 - 2309 - 01