DRAWING NO.	TITLE
C–0.0	COVER
C–1.0	EXISTING SITE PLAN
C–1.1	PROPOSED SITE PLAN
C–1.2	GRADING PLAN
C–2.0	MISCELLANEOUS SITE DETAILS
C–2.1	MISCELLANEOUS SITE DETAILS
C–3.0	ON–SITE WASTEWATER TREATMENT (SEPTIC) SYSTEM DETAILS 1 OF 2
C–3.1	ON–SITE WASTEWATER TREATMENT (SEPTIC) SYSTEM DETAILS 2 OF 2
C–4.0	STORMWATER MANAGEMENT PLAN
C–4.1	STORMWATER MANAGEMENT DETAILS
C–5.0	DRIVEWAY DETAILS
L–1.0	LANDSCAPE PLAN
L–1.1	ADVERTISING PLAN
E–1.0	PHOTOMETRIC PLAN
A–2.0	FLOOR PLAN
A–2.01	STORAGE BUILDING FLOOR PLAN
A–2.1	ELEVATION VIEWS
A–2.2	ELEVATION VIEWS
A–2.3	STORAGE BUILDING ELEVATION VIEWS
A–2.4	STORAGE BUILDING ELEVATION VIEWS

SWPPP
THIS PROJECT WILL DISTURB MORE THAN 1 ACRE, THEREFORE A SWPPP IS REQUIRED.

LEES THAN 2.5 ACRES WILL BE DISTURBED – REFER TO GRADING PLAN ON DRAWING C–1.2

STORMWATER RUNOFF WILL BE COLLECTED AND CONVEYED TO INFILTRATION BASINS WHERE IT WILL ALLOWED TO INFILTRATE INTO THE GROUND. ALL STORMWATER RUNOFF RESULTING FROM THE CONSTRUCTION OF THIS PROJECT WILL BE DISPOSED OF ON THE SITE. NO ADDITIONAL STORMWATER RUNOFF WILL LEAVE THE SITE.

FLOODPLAIN
THE PROJECT SITE IS NOT LOCATED WITHIN A FLOODPLAIN PER FIRM COMMUNITY PANEL

VERTICAL DATUM
NAVD88

HORIZONTAL DATUM
NAD83

GRADING
SLOPES SHALL NOT EXCEED 1' VERTICAL TO 3' HORIZONTAL

SITE PLAN
SITE PLAN WAS PREPARED BASED ON A TAX MAP INFORMATION, NYS AERIAL DATA AND A SURVEY PREPARED BY VENEZIA LAND SURVEYING AND CIVIL ENGINEERS DATED FEBRUARY 8, 2022.

THIS IS NOT A SUBDIVISION MAP AND SHALL NOT BE FILED AS SUCH.

DISTRICT INFORMATION
ACCORDING TO THE TOWN DISTRICT MAPS, THE PROJECT SITE IS LOCATED IN THE FOLLOWING DISTRICTS:
CANANDAIGUA FIRE PROTECTION
CANANDAIGUA – FARMINGTON WATER DISTRICT #2
ONTARIO COUNTY AGRICULTURAL DISTRICT ONT01

CRITICAL ENVIRONMENTAL AREA
THERE ARE NO CRITICAL ENVIRONMENTAL AREAS ON THE PROJECT SITE OR ON ADJACENT PARCELS TO THE PROJECT SITE.

ARCHAEOLOGICAL SIGNIFICANCE
THE PROJECT SITE DOES NOT CONTAIN AND IS NOT SUBSTANTIALLY CONTIGUOUS TO A BUILDING, ARCHEOLOGICAL SITE OR DISTRICT LISTED ON THE NATIONAL OR STATE REGISTER OF HISTORIC PLACES OR THAT HAS BEEN DETERMINED BY THE COMMISSIONER OF THE NYS OFFICE OF PARKS, RECREATION AND HISTORIC PRESERVATION TO BE ELIGIBLE FOR LISTING ON THE STATE REGISTER OF HISTORIC PLACES. .

THE PROJECT SITE IS LOCATED IN OR ADJACENT TO AN AREA DESIGNATED AS SENSITIVE FOR ARCHEOLOGICAL SITES ON THE NYSHPO ARCHEOLOGICAL SITE INVENTORY.

WETLANDS
THE SITE HAS A FRESHWATER POND AND IS ADJACENT TO STATE REGULATED WETLAND CG–11 (REFER TO WETLAND MAP ON THIS DRAWING).
THE PROPOSED PROJECT WILL NOT PHYSICALLY ALTER THE WETLANDS OR POND.

SIGNIFICANT NATURAL COMMUNITIES
ACCORDING TO DATA IN THE NYSDEC ENVIRONMENTAL RESOURCE MAPPER, THERE ARE NO SIGNIFICANT NATURAL COMMUNITIES LOCATED ON THE PROJECT SITE OR ON ADJACENT PARCELS TO THE PROJECT SITE.

RARE PLANTS AND ANIMALS
ACCORDING TO DATA IN THE NYSDEC ENVIRONMENTAL RESOURCE MAPPER, THERE ARE NO RARE PLANTS OR ANIMALS LOCATED ON THE PROJECT SITE OR ON ADJACENT PARCELS TO THE PROJECT SITE.

UNIQUE GEOLOGICAL FEATURES
ACCORDING TO DATA IN THE NYSDEC ENVIRONMENTAL RESOURCE MAPPER, THERE ARE NO UNIQUE GEOLOGICAL FEATURES LOCATED ON THE PROJECT SITE OR ON ADJACENT PARCELS TO THE PROJECT SITE.

HAZARDOUS WASTE REMEDIATION SITE
THE PROJECT SITE AND ADJOINING PROPERTIES HAVE NOT BEEN THE SUBJECT OF REMEDIATION OF HAZARDOUS WASTE

PHOSPHOROUS NOTES:

NO PHOSPHOROUS SHALL BE USED AT PLANTING TIME UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND SOIL TESTS SPECIFICALLY INDICATE A PHOSPHOROUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWNS AND PLANTINGS FROM ESTABLISHING PROPERLY.

IF SOIL TESTS INDICATE A PHOSPHOROUS DEFICIENCY THAT WILL IMPACT PLANT AND LAWN ESTABLISHMENT, PHOSPHOROUS SHALL BE APPLIED AT THE MINIMUM RECOMMENDED LEVEL PRESCRIBED IN THE SOIL TEST FOLLOWING ALL NYS DEC RECOMMENDATIONS.

RIGHT-TO-FARM

THE SUBJECT PARCEL IS LOCATED IN ONTARIO COUNTY AGRICULTURAL DISTRICT ONT01

AND IS SUBJECT TO ALL OF THE PROVISIONS OF THE TOWN OF CANANDAIGUA'S RIGHT-TO-FARM LAW

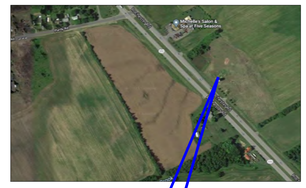
REQUIRED APPROVALS

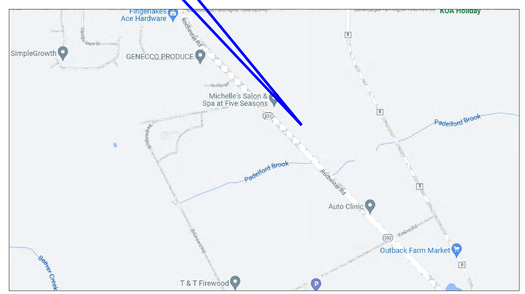
SITE PLAN APPROVE	TOWN OF CANANDAIGUA
BUILDING PERMIT	TOWN OF CANANDAIGUA
SEPTIC SYSTEM APPROVAL	NYSDOH
DRIVEWAY PERMIT	NYSDOT

NYSDEC ENVIRONMENTAL RESOURCE, (WETLAND) MAP

SCALE: 1" = 200'–0"

0' 100' 200' 300' N





Dig Safely. New York Call 811 before you dig

CALL DIG SAFELY NEW YORK 48 HOURS BEFORE DIGGING OR DRIVING POSTS @ 811

SEQUENCE OF CONSTRUCTION
1. ESTABLISH THE LIMIT OF DISTURBANCE FOR THE PROPOSED SITE CLEARING AND GRADING – CONTRACTOR TO LIMIT AREA TO LESS THAN 2.5 ACRES AS SHOWN ON THE GRADNG PLAN C–1.2.
2. DELINEATE AND PROTECT EXISTING TREES TO BE PRESERVED AND TREES TO BE REMOVED
3. ESTABLISH THE LOCATION FOR THE EROSION AND SEDIMENTATION CONTROL MEASURES – PREPARE AREA FOR THERE INSTALLATION.
4. INSTALL SILT FENCE AS REQUIRED IN THE EROSION CONTROL PLAN
5. PROTECT INFILTRATION BASIN AREA FROM HEAVY COMPACTION.
6. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE
7. BEGIN CLEARING AND GRADING FOR THE CONSTRUCTION AT THE SITE
8. STOCKPILE TOPSOIL IN ACCORDANCE WITH THE EROSION CONTROL PLAN
9. CONSTRUCT SWALE AND INFILTRATION BASIN
10. INSTALL SILT FENCE TO PROTECT INFILTRATION BASIN.
11. PLACE STONE BASE FOR NEW BUILDING, DRIVEWAY AND PARKING AREAS
12. INSTALL POSTS FOR NEW BUILDING
13. INSTALL ALL NEW UNDERGROUND UTILITIES
14. SET NEW TANKS FOR ON–SITE WASTEWATER TREATMENT (SEPTIC) SYSTEM
15. POUR CONCRETE SLAB FOR BUILDING
16. FRAME AND BUILD BUILDING
17. PAVE DRIVEWAY
18. PLACE TOPSOIL AND COMPLETE FINAL GRADING
19. PLACE SEED AND MULCH IN DISTURBED AREAS
20. WHEN ALL DISTURBED AREAS ARE STABLE AND UPON APPROVAL FROM THE TOWN, REMOVE ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES

	REQUIRED	PROPOSED
ZONING	CC– COMMUNITY COMMERCIAL	
PERMITTED USE	YES	LAWN AND GARDEN EQUIPMENT SHOP
LOT SIZE (ACRES) DEPTH WIDTH (FRONTAGE)	1.0 ACRE NA 175'	7.488 ACRES (326,177 SF) 404'± 847'±
SETBACK FRONT REAR SIDE	 150' (ST RTE 332) 40' 20'/100' (ADJACENT TO RESIDENTIAL)	PRINCIPAL USE BUILDING 151.28'± 113.25'± 211.19'±/510.41'±
LOT COVERAGE MAXIMUM	35%	BUILDING/PORCH 7,112 SF STORAGE BUILDING 4,000 SF GRAVEL/PAVEMENT 24,600 SF TOTAL COVERAGE 35,712 SF = 12%
HEIGHT	2–1/2 STORIES/35' MAXIMUM	1 STORY/31.25'±

STATEMENT OF OPERATIONS
REFER TO STATEMENT OF OPERATION DOCUMENT ATTACHED TO THIS APPLICATION

DEVELOPER CONTACT INFORMATION
DEVELOPER: DIVERSIFIED EQUIPMENT,LLC

CONTACT: BRIAN CAFALONE
PHONE: (315) 573–2255
EMAIL: BRIAN.CAFALONE@HOTMAIL.COM

PROPERTY OWNER INFORMATION:
SIMMONS–ROCKWELL REALTY ASSOC., LLC
1160 CO RTE 66
HORNELL, NY 14843
PHONE: (607) 968–2090

ENGINEER
MCCORMICK ENGINEERING PC
JASON T. MCCORMICK, PE
294 SKUSE ROAD
GENEVA, NY 14456
PHONE: 585–721–7219
EMAIL: MCCORMICKPE@AOL.COM

PLANNING BOARD CHAIRPERSON

ENGINEER

CANANDAIGUA–FARMINGTON WATER DISTRICT

WARNING

IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWN BY: JTM
PROJ. ENGR.: JTM
PROJ. MNGR.: JTM
CHECKED BY: JTM

NO.	DATE	DESCRIPTION
3	06/24/22	REVISED CONSTRUCTION ENTRANCE PER COMMENTS FROM TOWN OF CANANDAIGUA
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1	03/30/22	REVISED PER TOWN CHECK LISTS
0	02/19/22	FOR APPROVAL

REVISIONS

STATE OF NEW YORK JASON T. MCCORMICK 076811 LICENSED PROFESSIONAL ENGINEER

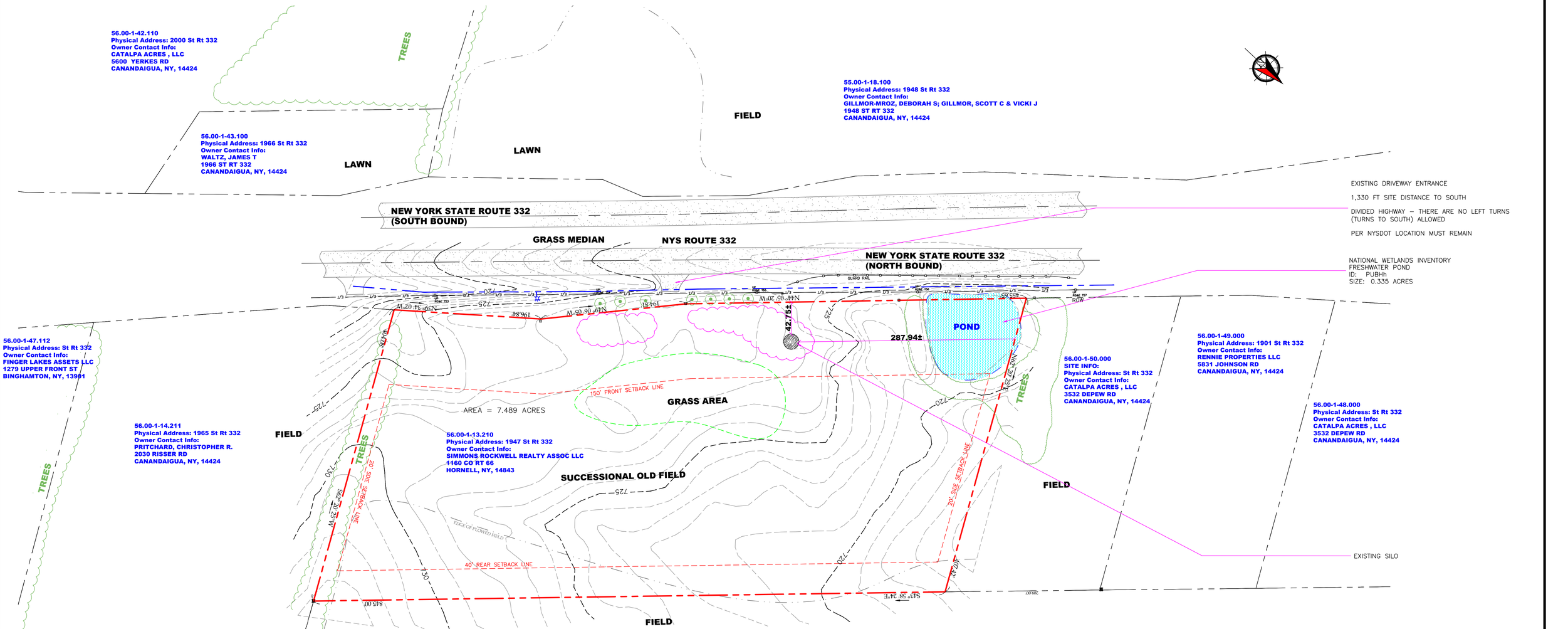
McCormick Engineering P.C.
294 Skuse Road
Geneva, New York 14456
(585) 721–7219

JOB No. 21–328

DIVERSIFIED EQUIPMENT, LLC
1947 STATE RTE 332
Canandaigua, New York
(T) Canandaigua, Ontario County
TAX ID No. 56.00-1-13.210

COVER SHEET

Scale: AS NOTED
Date: 06/22
DWG. C–0.0



LEGEND

- CENTER LINE OF ROADWAY
- CONTOUR MAJOR
- CONTOUR MINOR
- EDGE OF FIELD
- GUARD RAIL
- PAVEMENT
- PROPERTY LINE (SUBJECT PARCEL)
- PROPERTY LINE (ADJACENT PARCEL)
- PROPERTY LINE SETBACKS
- OVERHEAD UTILITIES
- TREE/BRUSH LINE (TO REMAIN)
- TREE/BRUSH (TO BE REMOVED)
- EXISTING 12-INCH DUCTILE IRON WATE
- FIRE HYDRANT
- MONUMENT
- TREE
- UTILITY POLE

SITE PLAN

SCALE: 1" = 60'-0"

0' 30' 60' 120'

SURVEY

SITE PLAN WAS PREPARED BASED ON A TAX MAP INFORMATION, NYS AERIAL DATA AND A SURVEY PREPARED BY VENEZIA LAND SURVEYING AND CIVIL ENGINEERS DATED FEBRUARY 8, 2022.

THIS IS NOT A SUBDIVISION MAP AND SHALL NOT BE FILED AS SUCH.

AG DISTRICT INFORMATION

THE PROJECT SITE IS LOCATED IN ONTARIO COUNTY AGRICULTURAL DISTRICT ONT01

THE PROJECT SITE IS LOCATED IN ONTARIO COUNTY AG. ENHANCEMENT DISTRICT

APPROXIMATE SITE GRADE 3%

EXISTING GROUND COVER
(APPROX PERCENT BY TYPE)

CROPLAND	14.2%
FRESHWATER POND FEDERAL ID PUBHh	3.3%
LAWN/GRASS AREA	3.7%
SUCCESSIONAL OLD FIELD	78.8%

EXISTING STRUCTURES FARM SILO

PLANNING BOARD CHAIRPERSON

ENGINEER

CANANDAIGUA–FARMINGTON WATER DISTRICT

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(T) Canandaigua, Ontario County
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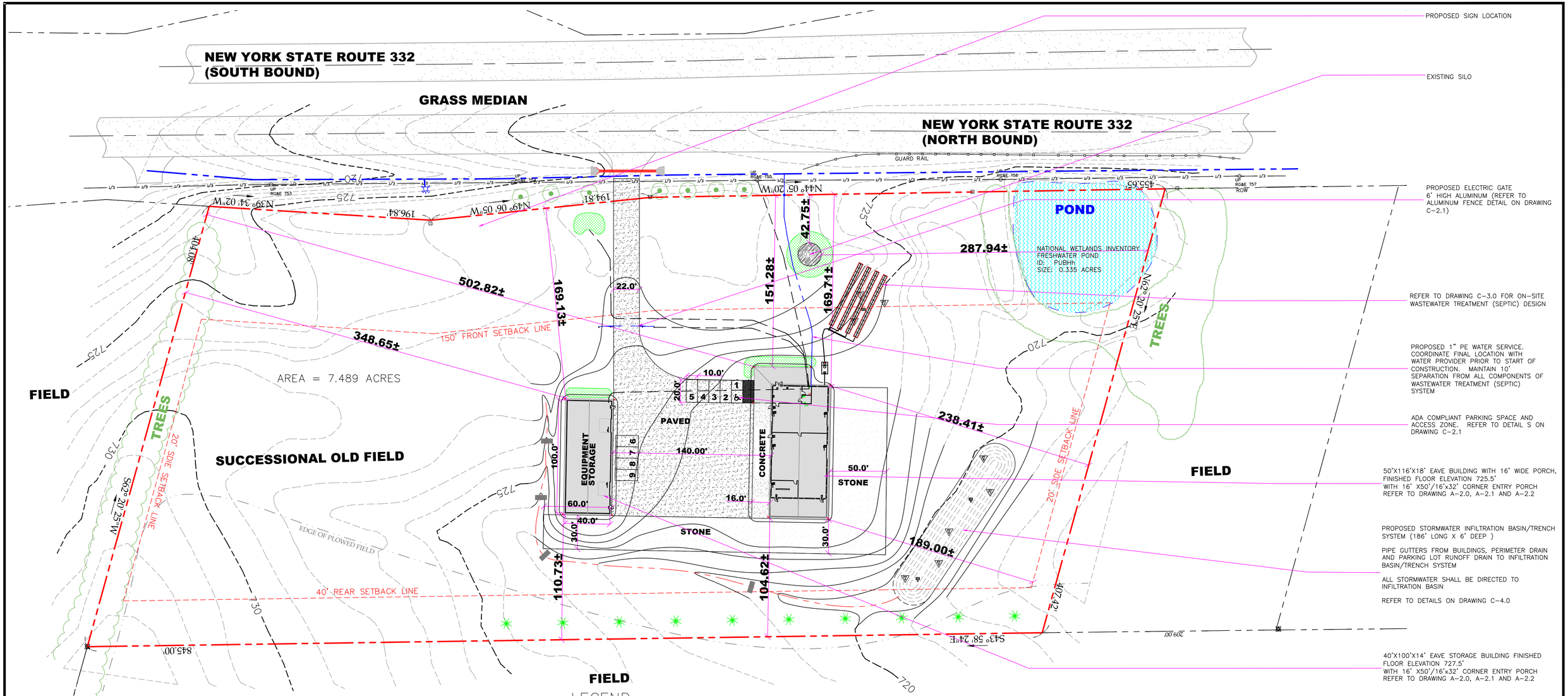
EXISTING SITE PLAN

Scale: AS NOTED
Date: 06/22
DWG. C-1.0



PROPOSED SIGN LOCATION

EXISTING SILO

PROPOSED ELECTRIC GATE
6' HIGH ALUMINUM (REFER TO ALUMINUM FENCE DETAIL ON DRAWING C–2.1)

REFER TO DRAWING C–3.0 FOR ON–SITE WASTEWATER TREATMENT (SEPTIC) DESIGN

PROPOSED 1" PE WATER SERVICE. COORDINATE FINAL LOCATION WITH WATER PROVIDER PRIOR TO START OF CONSTRUCTION. MAINTAIN 10' SEPARATION FROM ALL COMPONENTS OF WASTEWATER TREATMENT (SEPTIC) SYSTEM

ADA COMPLIANT PARKING SPACE AND ACCESS ZONE. REFER TO DETAIL S ON DRAWING C–2.1

50'X116'X18' EAVE BUILDING WITH 16' WIDE PORCH, FINISHED FLOOR ELEVATION 725.5'
WITH 16' X50'/16'x32' CORNER ENTRY PORCH
REFER TO DRAWING A–2.0, A–2.1 AND A–2.2

PROPOSED STORMWATER INFILTRATION BASIN/TRENCH SYSTEM (186' LONG X 6' DEEP)

PIPE GUTTERS FROM BUILDINGS, PERIMETER DRAIN AND PARKING LOT RUNOFF DRAIN TO INFILTRATION BASIN/TRENCH SYSTEM

ALL STORMWATER SHALL BE DIRECTED TO INFILTRATION BASIN

REFER TO DETAILS ON DRAWING C–4.0

40'X100'X14' EAVE STORAGE BUILDING FINISHED FLOOR ELEVATION 727.5'
WITH 16' X50'/16'x32' CORNER ENTRY PORCH
REFER TO DRAWING A–2.0, A–2.1 AND A–2.2

LEGEND

EXISTING FEATURES		PROPOSED FEATURES	
	CENTER LINE OF ROADWAY		CONTOUR
	CONTOUR MAJOR		WATER SERVICE – 1–INCH PE
	CONTOUR MINOR		UNDERGROUND ELECTRIC
	EDGE OF FIELD		GRASS SWALE
	GUARD RAIL		CURB STOP (LOCATED AT R.O.W.)
	PAVEMENT		PERC TEST LOCATION
	PROPERTY LINE (SUBJECT PARCEL)		DEEP HOLE TEST LOCATION
	PROPERTY LINE (ADJACENT PARCEL)		10'X20' PARKING SPACE (TYPICAL OF 9)
	PROPERTY LINE SETBACKS		PAVED PARKING/DRIVE (13,800 SF)
	OVERHEAD UTILITIES		STONE DRIVE (10,800 SF)
	TREE/BRUSH LINE (TO REMAIN)		CONCRETE APRON (1,300 SF)
	EXISTING 12–INCH DUCTILE IRON WATER MAIN		LANDSCAPED AREA REFER TO DRAWING L–1.0
	FIRE HYDRANT		
	MONUMENT		CHECK DAM – REFER TO DETAIL ON DRAWING C–2.0
	TREE		DOWNSPOUT LOCATION
UP POWE	UTILITY POLE		

SITE PLAN
SCALE: 1" = 40'–0"

0' 20' 40' 80'

DOWNSPOUT NOTES:
1. DOWNSPOUTS TO BE INSTALLED AT LOCATIONS SHOWN (GENERALLY DESCRIBED AS THE CORNERS OF BUILDINGS AND PORCHES).
2. DOWNSPOUTS SHALL DISHARGE TO SPLASH BLOCKS THAT DIRECT FLOW AWAY FROM THE BUILDING.

PAVED/GRAVEL YARD NOTES:
1. NO EQUIPMENT OR MATERIALS SHALL BE STORED IN THE PAVED/GRAVEL AREAS
2. PAVED AND GRAVEL AREAS ARE DESIGNED TO FACILITY EQUIPMENT PICKUP AND DROP OFF. THE SITE WILL BE ACCESSED BY A VARIETY OF VEHICLES INCLUDING TRACTOR TRAILERS.

STABILIZATION NOTES:
IN AREAS WHERE SOIL DISTURBANCE ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, STABILIZATION MEASURES SHALL BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 14 DAYS, WITHIN 7 DAYS IF OVER 5 ACRES OF DISTURBANCE AND WITHIN 3 DAYS IF BETWEEN November 15t and April 1st.

PLANNING BOARD CHAIRPERSON

ENGINEER

CANANDAIGUA–FARMINGTON WATER DISTRICT

DRAWN BY: JTM
PROJ. ENGR.: JTM
PROJ. MNGR.: JTM
CHECKED BY: JTM

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REVISIONS

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JOB No. 21–328

DIVERSIFIED EQUIPMENT, LLC
1947 STATE RTE 332
Canandaigua, New York
(T) Canandaigua, Ontario County
TAX ID No. 56.00-1-13.210

SITE PLAN AND UTILITY PLAN

Scale: AS NOTED | Date: 06/22 | DWG. C–1.1

NEW YORK STATE ROUTE 332
(SOUTH BOUND)

GRASS MEDIAN

NEW YORK STATE ROUTE 332
(NORTH BOUND)

GUARD RAIL

POND

FIELD

SUCCESSIONAL OLD FIELD

FIELD

AREA = 7.489 ACRES

150' FRONT SETBACK LINE

40' REAR SETBACK LINE

20' SIDE SETBACK LINE

20' SIDE SETBACK LINE

TREES

TREES

PAVED

CONCRETE

STONE

STONE

FF ELEV
727.5'

FF ELEV
725.5'

EDGE OF PLOWED FIELD

N44° 06' 20"W

N39° 34' 02"W

N49° 06' 05"W

N29° 20' 35"W

S62° 20' 23"W

S42° 58' 24"E

196.84'

194.81'

404.08'

453.65'

407.42'

209.00'

845.00'

725

730

727

728

726

725

724

723

722

721

720

EXISTING DRIVEWAY ENTRANCE TO BE USED AS STABILIZED CONSTRUCTION ENTRANCE

EXISTING SILO

CONCRETE WASHOUT AREA – REFER TO DETAIL ON DRAWING C-2.0

CONSTRUCTION STAGING AREA

INFILTRATION BASIN – REFER TO DRAWING C-4.0.

PROTECT INFILTRATION BASIN AREA FROM HEAVY COMPACTION

ONCE CONSTRUCTED, SILT FENCE SHALL BE INSTALLED TO PROTECT INFILTRATION BASIN

SILT FENCE SHALL REMAIN UNTIL ALL CONTRIBUTING DRAINAGE AREA AND THE INFILTRATION BASIN HAVE ACHIEVED FINAL STABILIZATION.

SOIL STOCKPILE AREA REFER TO DETAIL ON DRAWING C-2.0

LEGEND

EXISTING FEATURES		PROPOSED FEATURES	
CENTER LINE OF ROADWAY		CONTOUR	
CONTOUR MAJOR		LIMIT OF DISTURBANCE (TO BE DELINEATED BY SURVEYOR PRIOR TO THE START OF EARTHWORK)	GRASS SWALE
CONTOUR MINOR		LIMIT OF PAVED/STONE AREAS	
EDGE OF FIELD		GRASS SWALE	
GUARD RAIL		SILT FENCE – REFER TO DETAIL ON DRAWING C-2.0	
PAVEMENT			
PROPERTY LINE (SUBJECT PARCEL)			
PROPERTY LINE (ADJACENT PARCEL)		LANDSCAPED AREA REFER TO DRAWING L-1.0	
PROPERTY LINE SETBACKS			
OVERHEAD UTILITIES		CHECK DAM – REFER TO DETAIL ON DRAWING C-2.0	
TREE/BRUSH LINE (TO REMAIN)			
EXISTING 12-INCH DUCTILE IRON WATER MAIN			
EXISTING SWALE			
FIRE HYDRANT			
MONUMENT			
TREE			
UTILITY POLE			

SITE PLAN
SCALE: 1" = 40'-0"

0' 20' 40' 80'

APPROXIMATE SITE GRADE 3%

LIMITS OF DISTURBANCE 108,100SF ±
2.48 ACRES

VEGETATIVE COVER REMOVED 35,750 SF ±
(DRIVEWAY, GRAVEL/PAVED YARD/BUILDING)

REMAIN DISTURBED AREAS SEEDED AND MAINTAINED AS LAWN

INFILTRATION BASIN NOTES:
1. **PROTECT INFILTRATION BASIN AREA FROM HEAVY COMPACTION**
2. **ONCE CONSTRUCTED, SILT FENCE SHALL BE INSTALLED TO PROTECT INFILTRATION BASIN**
3. **SILT FENCE SHALL REMAIN UNTIL ALL CONTRIBUTING DRAINAGE AREA AND THE INFILTRATION BASIN HAVE ACHIEVED FINAL STABILIZATION.**

STABILIZATION NOTES:
IN AREAS WHERE SOIL DISTURBANCE ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, STABILIZATION MEASURES SHALL BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 14 DAYS, WITHIN 7 DAYS IF OVER 5 ACRES OF DISTURBANCE AND WITHIN 3 DAYS IF BETWEEN NOVEMBER 15T AND APRIL 1ST.

PLANNING BOARD CHAIRPERSON

ENGINEER

CANANDAIGUA–FARMINGTON WATER DISTRICT

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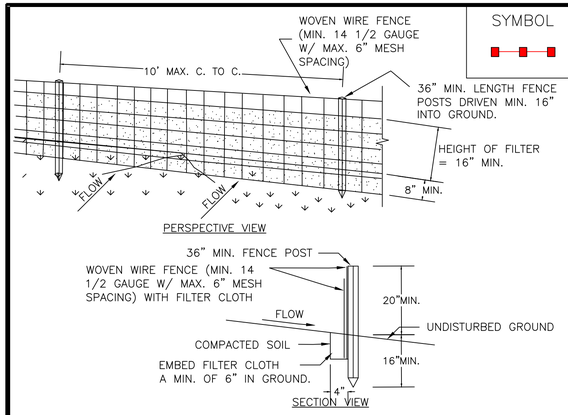
GRADING PLAN

Scale: AS NOTED
Date: 06/22
DWG. C-1.2



SYMBOL

CONSTRUCTION SPECIFICATIONS

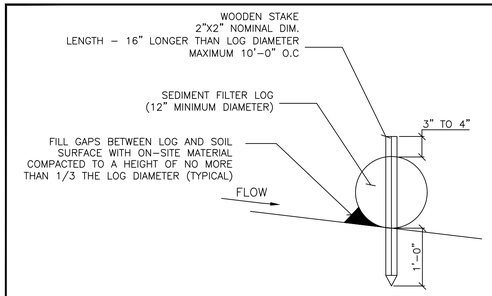
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE,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

SILT FENCE

TYPICAL CONSTRUCTION SPECIFICATIONS

1. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED.
2. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".
3. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS.
4. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
5. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF FOUR INCHES PRIOR TO PLACEMENT OF TOPSOIL.
6. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
7. ALL FILL TO BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.
8. EXCEPT FOR APPROVED LANDFILLS, FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
9. FROZEN MATERIALS OR SOFT, MUCKY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED IN FILLS.
10. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
11. ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
12. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
13. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING.
14. STOCKPILES, BORROW AREAS AND SPOIL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE SUBJECT TO THE PROVISIONS OF THIS STANDARD AND SPECIFICATION.

LANDGRADING SPECIFICATIONS

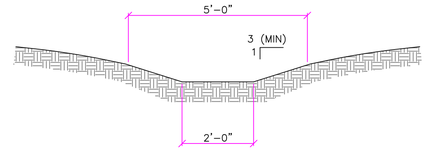


SYMBOL

CONSTRUCTION SPECIFICATIONS

1. SEDIMENT FILTER LOGS SHALL BE INSTALLED ON A LINE OF EQUAL ELEVATION CONTOURS.
2. THE ENDS OF SEDIMENT FILTER LOGS SHALL ANGLED UP SLOPE TO PREVENT CHANNELIZED FLOW FROM BEING CONVEYED PASSED THE ENDS.
3. SEDIMENT FILTER LOG SEGMENTS SHALL NOT EXCEED 100'.
4. WOODEN STAKE SHALL BE NOMINAL 2"X2" AND SHALL BE 16" LONGER THAN LOG DIAMETER.
5. WOOD STAKES SHALL BE PLACED A MAXIMUM 10'–0" O.C.
6. ENDS OF FILTER LOGS SHALL BE OVERLAPPED BY 24" AND STAKED SIDE BY SIDE.
7. SEDIMENT SHALL BE REMOVED WHEN IT REACHES A MAXIMUM HEIGHT OF HALF THE FILTER LOG DIAMETER OR IF BULGES DEVELOP.
8. SEDIMENT SHALL BE PROPERLY DISPOSED.

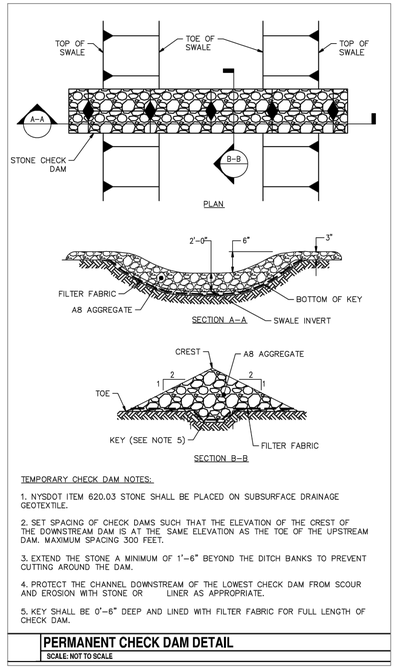
SEDIMENT FILTER LOGS



NOTES:
1. DESIGN VELOCITY IS LESS THAN 3.5 FT/SEC
2. MINIMUM SLOPE = 1%

SWALE – TYPICAL SECTION

SCALE: 1/2" = 1'–0"



TEMPORARY CHECK DAM NOTES:

1. NYSDOT ITEM 620.03 STONE SHALL BE PLACED ON SUBSURFACE DRAINAGE GEOTEXTILE.
2. SET SPACING OF CHECK DAMS SUCH THAT THE ELEVATION OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION AS THE TOE OF THE UPSTREAM DAM. MAXIMUM SPACING 300 FEET.
3. EXTEND THE STONE A MINIMUM OF 1'–6" BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. KEY SHALL BE 0'–6" DEEP AND LINED WITH FILTER FABRIC FOR FULL LENGTH OF CHECK DAM.

PERMANENT CHECK DAM DETAIL

SCALE: NOT TO SCALE

STANDARD GENERAL PLAN NOTES

1. Road to be kept clean of mud and debris at all times.
2. Road side drainage to be maintained at all times.
3. Materials, equipment and vehicles are not to be stored or parked within the Right–of–Way.
4. Maintenance and Protection of Traffic must comply with the NYS Department of Transportation Manual of Uniform Traffic Control Devices (MUTCD), Section 619 of the current NYSDOT Standard Specifications, these plans and as ordered by the Resident Engineer. On a NYSDOT Construction Project, Maintenance and protection of Traffic must comply with these plans.
5. Notify DIG SAFELY NEW YORK (UFPO) two (2) working days prior to digging, drilling or blasting at 1–800–962–7962 for a utility stake–out.
6. All materials used within the Right–of–Way must comply with the current NYS Department of Transportation Specifications Book along with any appropriate current NYS Department of Transportation Standard Sheets.
7. Quality control of asphalt concrete shall meet the requirements of Section 401 of the Standard Specifications. Asphalt course depths shown on the plans are compacted depths.
8. No night work shall be allowed unless approved prior to the start of the project. Additional Maintenance and Protection of Traffic may be required including the addition of reflective materials and lighting.

STANDARD AND SPECIFICATIONS FOR STABILIZED CONSTRUCTION ENTRANCE

Definition

A stabilized pad of aggregate underlain with geotextile located at any point where traffic will be entering or leaving a construction site to or from a public right-of-way, street, alley, sidewalk, or parking area.

Purpose

The purpose of stabilized construction entrance is to reduce or eliminate the tracking of sediment onto public rights-of-way or streets.

Conditions Where Practice Applies

A stabilized construction entrance shall be used at all points of construction ingress and egress.

Design Criteria

See Figure 5A.35 on page 5A.76 for details.

Aggregate Size: Use a matrix of 1-4 inch stone, or reclaimed or recycled concrete equivalent.

Thickness: Not less than six (6) inches.

Width: 12-foot minimum but not less than the full width of points where ingress or egress occurs. 24-foot minimum if there is only one access to the site.

Length: As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum would apply).

Geotextile: To be placed over the entire area to be covered with aggregate. Filter cloth will not be required on a single-family residence lot. Piping of surface water under entrance shall be provided as required. If piping is impossible, a mountable berm with 5:1 slopes will be permitted.

Criteria for Geotextile

The geotextile shall be woven or nonwoven fabric consisting only of continuous chain polymeric filaments or yarns of polyester. The fabric shall be inert to commonly encountered chemicals, hydro-carbons, mildew, rot resistant, and conform to the fabric properties as shown:

Fabric Properties[3]	Light Duty[1] Roads Grade Subgrade	Heavy Duty[2] Haul Roads Rough Graded	Test Method
Grab Tensile Strength (lbs)	200	220	ASTM D1682
Elongation at Failure (%)	50	60	ASTM D1682
Mullen Brust Strength (lbs)	190	430	ASTM D3786
Puncture Strength (lbs)	40	125	ASTM D751 modified
Equivalent	40-80	40-80	US Std Sieve
Opening Size			CW-02215
Aggregate Depth	6	10	--

[1]Light Duty Road: Area sites that have been graded to subgrade and where most travel would be single axle vehicles and an occasional multi-axle truck. Acceptable materials are Trevira Spunbond 1115, Mirafi 100X, Typar 3401, or equivalent.

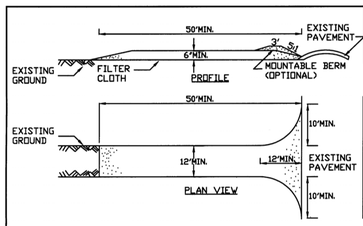
[2]Heavy Duty Road: Area sites with only rough grading, and where most travel would be multi-axle vehicles. Acceptable materials are Trevira Spunbond 1135, Mirafi 600X, or equivalent.

[3]Fabrics not meeting these specifications may be used only when design procedure and supporting documentation are supplied to determine aggregate depth and fabric strength.

Maintenance

The entrance shall be maintained in a condition which will prevent tracking of sediment onto public rights-of-way or streets. This may require periodic top dressing with additional aggregate. All sediment spilled, dropped, or washed onto public rights-of-way must be removed immediately.

When necessary, wheels must be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with aggregate, which drains into an approved sediment-trapping device. All sediment shall be prevented from entering storm drains, ditches, or watercourses.



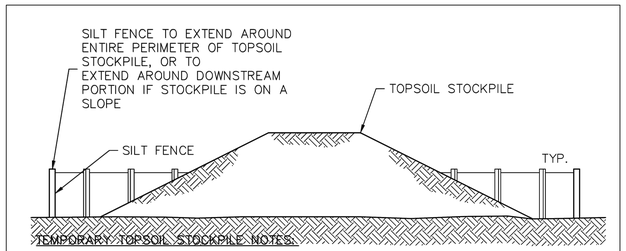
SYMBOL

CONSTRUCTION SPECIFICATIONS

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

ADAPTED FROM DETAILS PROVIDED BY: USDA – NRCS, NEW YORK STATE DEPARTMENT OF TRANSPORTATION, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, NEW YORK STATE SOIL & WATER CONSERVATION COMMITTEE

STABILIZED CONSTRUCTION ENTRANCE

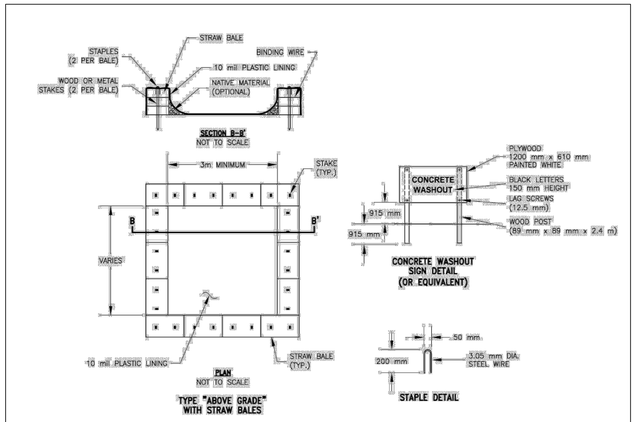


TEMPORARY TOPSOIL STOCKPILE NOTES:

1. REFER TO SILT FENCE DETAIL FOR MATERIALS AND INSTALLATION METHODS.
2. IF THE STOCKPILE IS TO REMAIN FOR MORE THAN 14 DAYS, IT SHALL BE STABILIZED WITH BURLAP MATTING OR SEEDED WITHIN 7 DAYS OF COMPLETION TO MINIMIZE EROSION.
3. INSPECTION OF SILT FENCE SHALL BE AT LEAST ONCE PER WEEK AND AFTER RAIN EVENTS IN EXCESS OF 1/2". REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
4. SEDIMENT TRAPPED BY THE SILT FENCE SHALL BE REMOVED AND PROPERLY DISPOSED OF WHENEVER SIGNIFICANT ACCUMULATION OCCURS.
5. SILT FENCE SHALL BE MAINTAINED IN PLACE UNTIL TOPSOIL STOCKPILE HAS BEEN ELIMINATED AND SHALL BE REMOVED ONLY WHEN DIRECTED BY THE ENGINEER.
6. TOPSOIL STOCKPILE LOCATION SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE OWNER OR AN AUTHORIZED REPRESENTATIVE

TOPSOIL STOCKPILE DETAIL

NOT TO SCALE



NOTES:
1. LINER SHALL BE REPLACED WHEN TORN OR OTHERWISE DEFICIENT
2. CONCRETE WASHOUT SHALL BE EMPTIED AT OR BEFORE 75% CAPACITY.
3. LINER SHALL BE REPLACED EVERY TIME CONCRETE WASHOUT IS EMPTIED

CONCRETE WASHOUT DETAIL

NOT TO SCALE

WARNING

IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

DRAWN BY: JTM
PROJ. ENGR.: JTM
PROJ. MNGR.: JTM
CHECKED BY: JTM

NO.	DATE	DESCRIPTION
3	06/24/22	REVISED PER COMMENTS FROM TOWN OF CANANDAIGUA
2	05/07/22	REVISED PER MEETING WITH TOWN OF CANANDAIGUA
1	03/30/22	REVISED PER TOWN CHECK LISTS
0	02/19/22	FOR APPROVAL

REVISIONS

Dig Safely. New York Call 811 before you dig

CALL DIG SAFELY NEW YORK 48 HOURS BEFORE DIGGING OR DRIVING POSTS @ 811

STATE OF NEW YORK – THOMAS SCOTT MCCORMICK – 076421 – LICENSED PROFESSIONAL ENGINEER

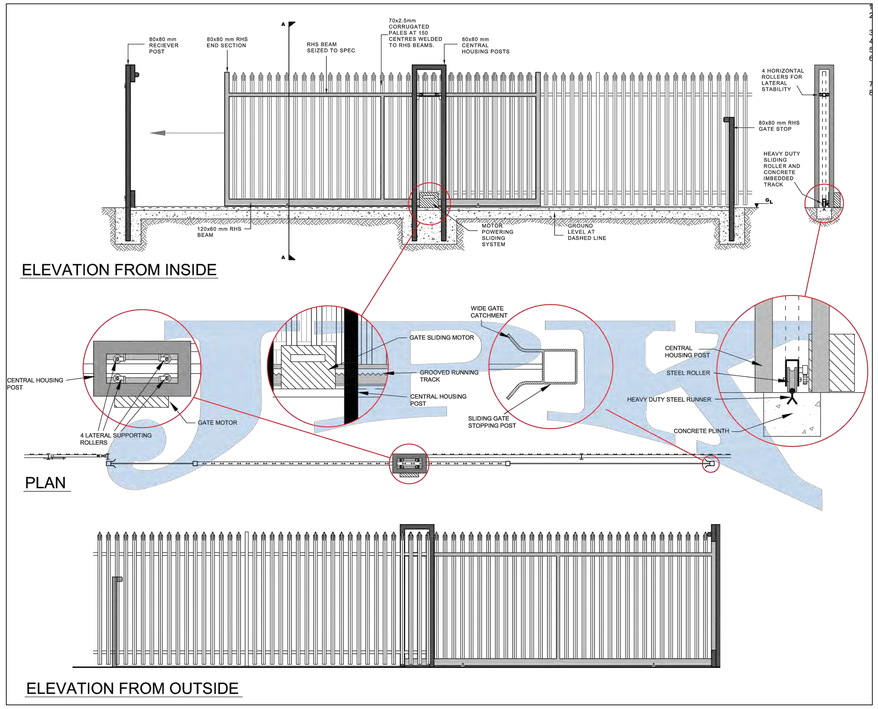
McCormick Engineering P.C.
294 Skuse Road
Geneva, New York 14456
(585) 721–7219

JOB No. 21–328

DIVERSIFIED EQUIPMENT, LLC
1947 STATE RTE 332
Canandaigua, New York
(T) Canandaigua, Ontario County
TAX ID No. 56.00-1-13.210

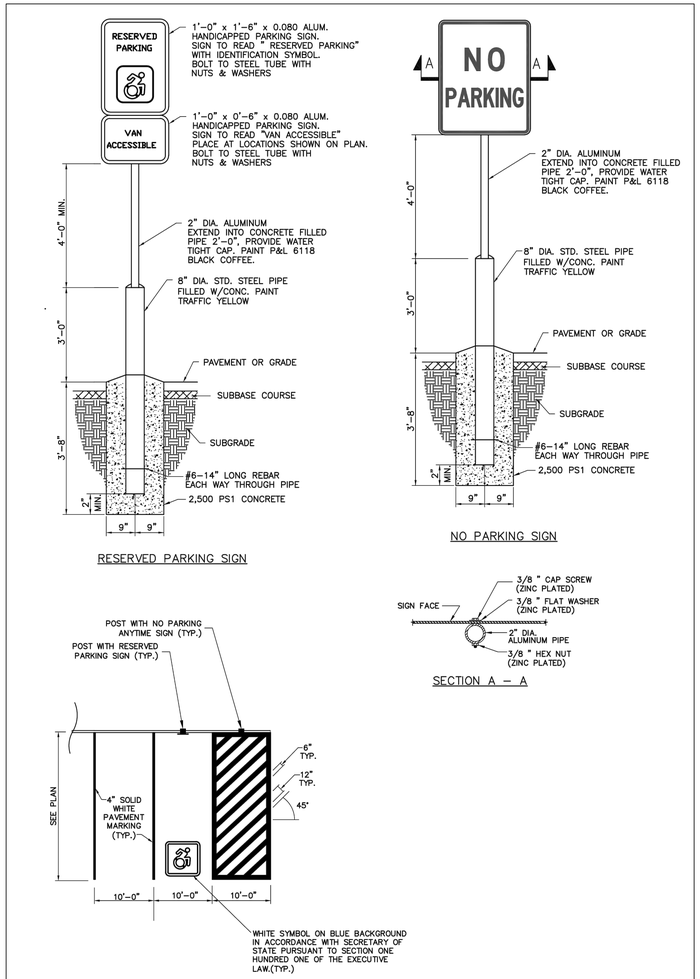
MISCELLANEOUS SITE DETAILS

Scale: AS NOTED
Date: 06/22
DWG. C–2.0



AUTOMATIC GATE DETAIL

NOT TO SCALE

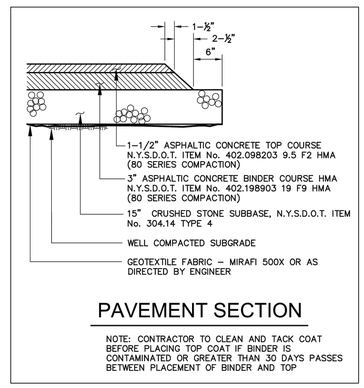


RESERVED PARKING AND SIGNAGE

Table 4.6
Soil Restoration Requirements

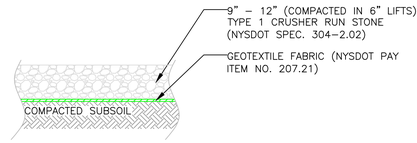
Type of Soil Disturbance	Soil Restoration Requirement		Comments/Examples
No soil disturbance	Restoration not permitted		Preservation of Natural Features
Minimal soil disturbance	Restoration not required		Clearing and grubbing
Areas where topsoil is stripped only - no change in grade	HSG A&B Apply 6 inches of topsoil	HSG C&D Aerate* and apply 6 inches of topsoil	Protect area from any ongoing construction activities.
Areas of cut or fill	HSG A&B Aerate* and apply 6 inches of topsoil	HSG C&D Apply full Soil Restoration**	
Heavy traffic areas on site (especially in a zone 5-25 feet around buildings but not within a 5 foot perimeter around foundation walls)	Apply full Soil Restoration (decompaction and compost enhancement)		
Areas where Runoff Reduction and/or Infiltration practices are applied	Restoration not required, but may be applied to enhance the reduction specified for appropriate practices.		Keep construction equipment from crossing these areas. To protect newly installed practice from any ongoing construction activities construct a single phase operation fence area
Redevelopment projects	Soil Restoration is required on redevelopment projects in areas where existing impervious area will be converted to pervious area.		

* Aeration includes the use of machines such as tractor-drawn implements with coulters making a narrow slit in the soil, a roller with many spikes making indentations in the soil, or prongs which function like a mini-subsoiler.
** Per "Deep Ripping and De-compaction, DEC 2008".



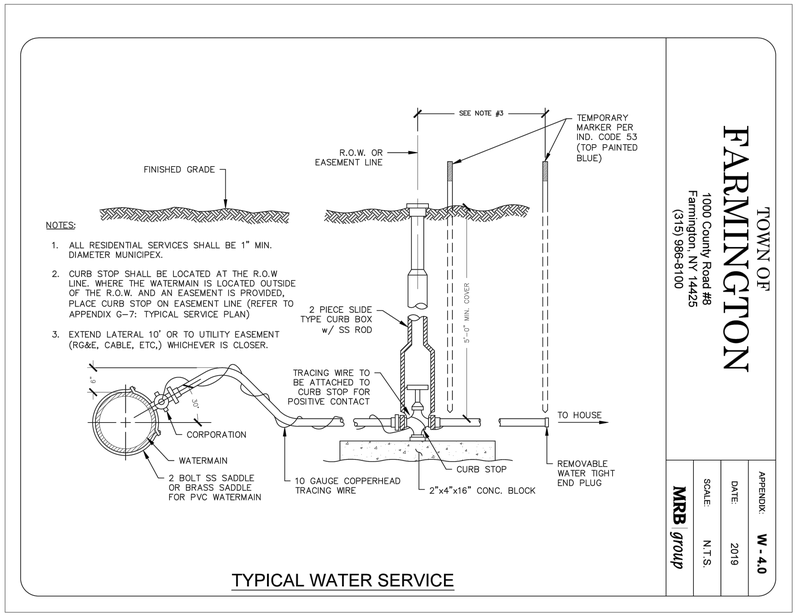
PAVEMENT SECTION

NOTE: CONTRACTOR TO CLEAN AND TACK COAT BEFORE PLACING TOP COAT IF BINDER IS CONTAMINATED OR GREATER THAN 30 DAYS PASSES BETWEEN PLACEMENT OF BINDER AND TOP



GRAVEL PARKING AREAS

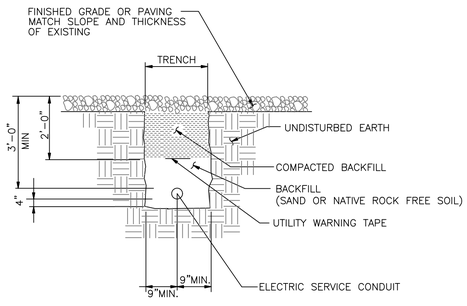
NOT TO SCALE



TYPICAL WATER SERVICE

TOWN OF FARMINGTON
1000 County Road #8
Farmington, NY 14425
(315) 986-8100

MRB group	SCALE: N.T.S.	DATE: 2019	APPENDIX: W - 4.0



ELECTRICAL TRENCH DETAIL

NOT TO SCALE

DRAWN BY: JTM
PROJ. ENGR.: JTM
PROJ. MNGR.: JTM
CHECKED BY: JTM

NO.	DATE	DESCRIPTION
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(T) Canandaigua, Ontario County
TAX ID No. 56.00-1-13.210

MISCELLANEOUS SITE DETAILS

Scale: AS NOTED | Date: 06/22 | DWG. C-2.1

BASIS OF DESIGN (NEW SYSTEM)

THE ON-SITE WASTEWATER TREATMENT (SEPTIC) SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE NEW YORK STATE DEC DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS, MARCH 2014.
THE FOLLOWING PRESENTS THE BASIS OF DESIGN FOR THE ON SITE WASTEWATER TREATMENT SYSTEM.

AREA TO BE SERVED: EQUIPMENT RENTAL/REPAIR
DESIGN FLOW: 10 OCCUPANTS X 15 GPD/SEAT = 150 GPD
"DOMESTIC" WASTEWATER ONLY – NO PROCESS WASTEWATER

SITE CHARACTERISTICS: SITE SLOPE LESS THAN 5%
POTABLE WATER FROM A CONNECTION TO A MUNICIPAL WATER SYSTEM

ON-SITE TESTS
PERCOLATION TESTS AND DEEP HOLE TEST COMPLETED BY JASON MCCORMICK, PE, MCCORMICK ENGINEERING PC.

PERC TEST ON FEBRUARY 16 AND 17, 2022

HOLE	DEPTH OF HOLE (INCH)	PERCOLATION RATE (MIN/INCH)			
		RUN 1	RUN 2	RUN 3	RUN 4
PT-1	24	38	43	48	48
PT-2	24	37	44	47	48
PT-3	24	39	44	48	49

DESIGN PERC RATE OF 46-60 MIN/INCH (APPLICATION RATE – 0.45 GAL/DAY/SF)

DEEP HOLE WAS DUG ON FEBRUARY 16, 2022 BY AUGER METHOD

DEPTH	SOIL CONDITION
0"-3"	TOPSOIL
3"-54"	SILTY LOAM WITH FEW ROOTS
54"-64"	CLAYEY SILTY LOAM WITH NO ROOTS

DEPTH TO IMPERMEABLE LAYER/BEDROCK – CLAYEY SILTY LOAM BOUNDARY LAYER
DEPTH TO GROUNDWATER OR MOTTLING – GROUNDWATER NOTED AT 55"

DURING CONSTRUCTION, CONTRACTOR SHALL CONFIRM SOILS ARE CONSISTENT WITH THE PERC AND DEEP HOLE TESTS. MCCORMICK ENGINEERING PC SHALL BE NOTIFIED IMMEDIATELY OF ANY DIFFERENCES.

GREASE TRAP
1. A GREASE TRAP IS NOT PROPOSED FOR THIS SYSTEM SINCE WASTEWATER FLOWS ARE "DOMESTIC" IN NATURE AND ARE SIMILAR IN CHARACTERISTICS TO A SINGLE FAMILY HOME. NO FOOD PREPARATION AT THIS LOCATION.

SEPTIC TANK
SIZE = 1.5 X DESIGN FLOW = 1.5 X 150 = 225 GALLONS USE 1,000 GALLON TANK 9MINIMUM ALLOWABLE SIZE)
1. A 1,000 GALLON DUAL CHAMBER, PRE-CAST CONCRETE SEPTIC TANK SHALL BE INSTALLED SUCH THAT IT WILL RECEIVE THE DISCHARGE FROM THE BUILDING.
2. CONTRACTOR SHALL CONFIRM DIMENSIONS OF SEPTIC TANK PRIOR TO EXCAVATION.
3. SEPTIC TANKS SHOULD BE PUMPED OUT EVERY TWO TO THREE YEARS.
4. SEPTIC TANK ADDITIVES (BIOLOGICAL OR CHEMICAL) SHOULD NOT BE USED.
5. RISERS ARE REQUIRED IF DEPTH TO TOP OF TANK IS GREATER THAN 12"

EFFLUENT FILTER
A ZABEL FILTER (MODEL A300 12X20) SHALL BE INSTALLED ON THE EFFLUENT PIPE OF THE SEPTIC TANK.

ABSORPTION SYSTEM
TRENCH LENGTH
APPLICATION RATE: 0.45 GPD PER SQ FT (TABLE E-1)
REQUIRED AREA = 150 GPD / 0.45 GPD PER SQ FT = 334 SQ FT
REQUIRED LENGTH OF 2' WIDE TRENCH: 167 FEET (MINIMUM)

DUE TO CONFINING LAYER/HIGH GROUNDWATER AN ELJEN GEOTEXTILE SAND FILTER TYPE B (6SF/FT) ARE PROPOSED
REQUIRED LENGTH OF ELJEN TRENCH: 56 FEET (MINIMUM)

PROPOSED CONFIGURATION – (2) 60' LONG TRENCHES (TOTAL OF 120')

REPLACEMENT/EXPANSION AREA
THE SITE HAS ADEQUATE ROOM FOR 100% SYSTEM EXPANSION/REPLACEMENT.

DOSING SYSTEM
DOSING IS NOT REQUIRED SINCE ABSORPTION FIELD IS LESS THAN 500 LF

DISTRIBUTION
GRAVITY FLOW FROM BUILDING TO SEPTIC TANK
GRAVITY FLOW FROM SEPTIC TANK TO DISTRIBUTION BOX THEN
GRAVITY FLOW FROM DISTRIBUTION BOX TO ABSORPTION TRENCHES

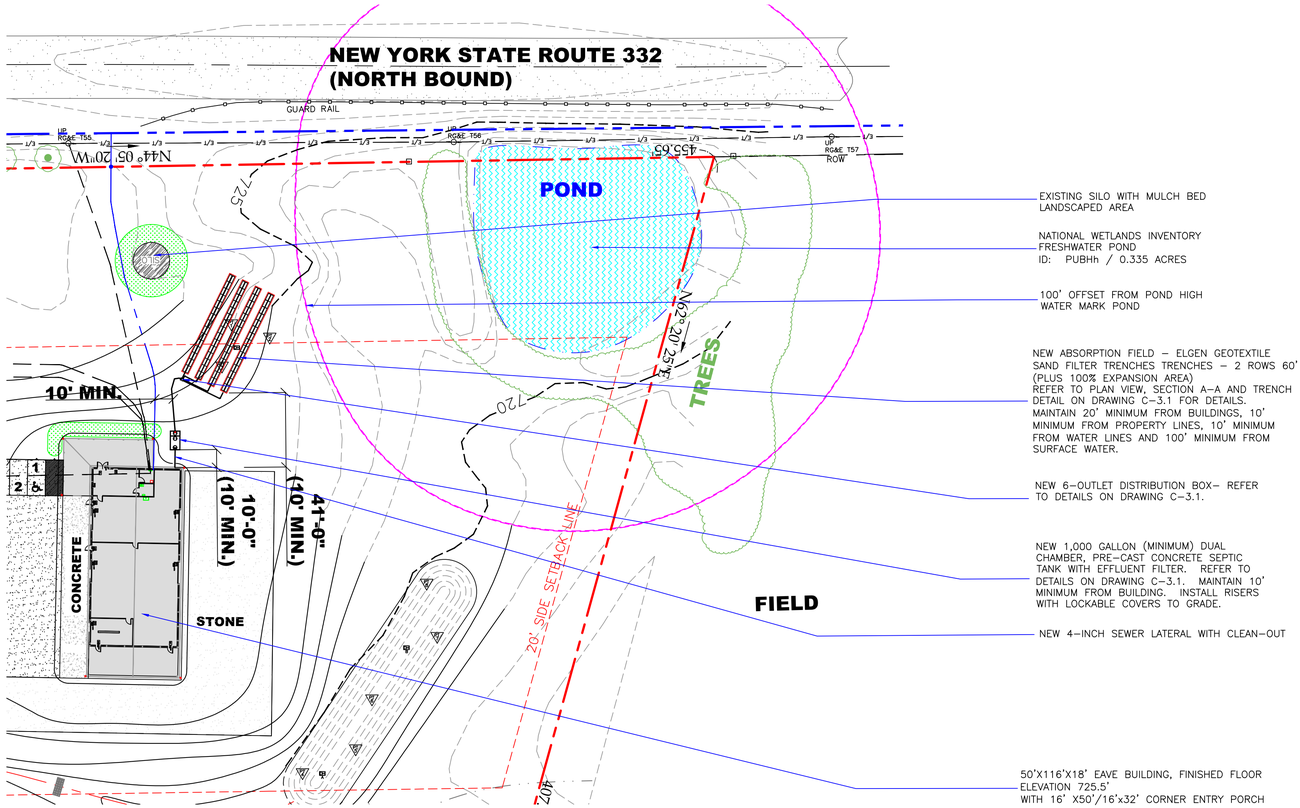
SEPARATION REQUIREMENTS
MINIMUM SEPARATION DISTANCES FROM THE ABSORPTION FIELD.
1. 100 FEET FROM ALL GROUNDWATER WELLS LOCATED UPHILL OF THE SYSTEM
2. 200 FEET FROM ALL GROUNDWATER WELLS LOCATED DOWNHILL OF THE SYSTEM
3. 20 FEET FROM ALL HOUSES\BUILDINGS
4. 10 FEET FROM ALL PROPERTY LINES
5. 20 FEET FROM DRAINAGE DITCHES
6. 100 FEET FROM ANY SURFACE WATER (PONDS, STREAMS, ETC.)
7. ANY DRAINAGE TILE FOUND WITHIN 30' OF THE ON-SITE WASTEWATER TREATMENT SYSTEM SHALL BE REROUTED.

MINIMUM SEPARATION DISTANCES FROM THE SEPTIC TANK.
1. 50 FEET FROM ALL GROUNDWATER WELLS
2. 10 FEET FROM ALL HOUSES\BUILDINGS
3. 10 FEET FROM ALL PROPERTY LINES
4. 10 FEET FROM DRAINAGE DITCHES
5. 50 FEET FROM ANY SURFACE WATER (PONDS, STREAMS, ETC.)

ALL SEPARATION REQUIREMENTS SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IF SEPARATION REQUIREMENTS CAN NOT BE MET, CONTRACTOR SHALL NOTIFY MCCORMICK ENGINEERING PC AT (585) 721-7219 PRIOR TO CONSTRUCTION.

NOTES:
1. REFER TO PIPE SCHEDULE ON THIS DRAWING FOR DETAILS ON SIZE, TYPE AND SLOPE OF PROPOSED PIPING.
2. CONTRACTOR SHALL CONFIRM ALL REQUIRED SETBACKS ARE MET PRIOR TO START OF CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO MCCORMICK ENGINEERING PC FOR RESOLUTION.
3. THE LOCATIONS OF THE SEPTIC TANK AND DISTRIBUTION DROP BOXES SHALL BE FIELD ADJUSTED AS REQUIRED TO MAINTAIN GRAVITY. MINIMUM SEPARATION REQUIREMENTS SHALL BE MAINTAINED.
4. NO HEAVY EQUIPMENT USE IN THE DESIGNATED ABSORPTION SYSTEM AREA IS ALLOWED TO PREVENT SOIL PERMEABILITY REDUCTION DUE TO COMPACTION AND POSSIBLE TRENCH CAVE-IN AND PIPE BREAKAGE.
5. DO NOT INSTALL GARBAGE GRINDERS ON WASTE LINES.
6. NON-WASTEWATER FLOWS (SUMPS, ROOF DRAINS, ETC) SHALL NOT BE ADDED TO THE SYSTEM.
7. ABSORPTION FIELD SHALL BE SEEDED AN MAINTAINED AS LAWN

INSPECTIONS
ALL INSTALLATIONS MUST BE INSPECTED AND APPROVED BY MCCORMICK ENGINEERING PC PRIOR TO USE. A MINIMUM OF 48 HOUR NOTICE IS REQUIRED TO SCHEDULE INSPECTIONS.



SITE PLAN
SCALE: 1" = 40'-0"

NOTES:
1. REFER TO PIPE SCHEDULE ON THIS DRAWING FOR DETAILS ON SIZE, TYPE AND SLOPE OF PROPOSED PIPING.
2. CONTRACTOR SHALL CONFIRM ALL REQUIRED SETBACKS ARE MET PRIOR TO START OF CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO MCCORMICK ENGINEERING PC FOR RESOLUTION.
3. NO HEAVY EQUIPMENT USE IN THE DESIGNATED ABSORPTION SYSTEM AREA IS ALLOWED TO PREVENT SOIL PERMEABILITY REDUCTION DUE TO COMPACTION AND POSSIBLE TRENCH CAVE-IN AND PIPE BREAKAGE.
4. DO NOT INSTALL GARBAGE GRINDERS ON WASTE LINES.
5. NON-WASTEWATER FLOWS (SUMPS, ROOF DRAINS, ETC) SHALL NOT BE ADDED TO THE SYSTEM.
6. ABSORPTION FIELD SHALL BE SEEDED AN MAINTAINED AS LAWN

MAINTAIN A MINIMUM 10'-0" SEPARATION BETWEEN WATER SERVICE AND ALL COMPONENTS OF THE ON-SITE WASTEWATER TREATMENT (SEPTIC) SYSTEM

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PROJ. MNGR.: JTM
CHECKED BY: JTM

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JOB No. 21-328

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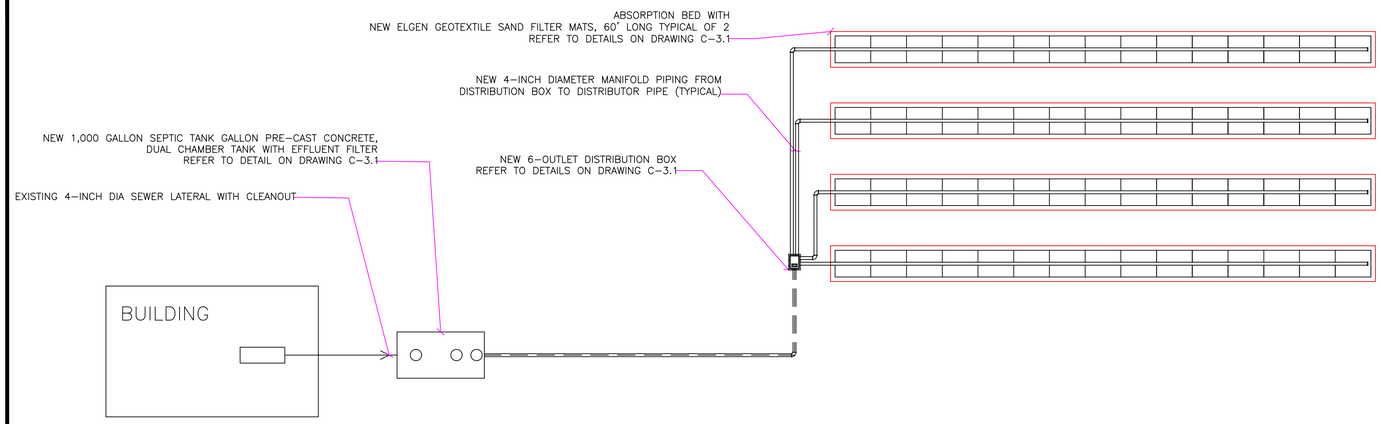
1947 STATE RTE 332
Canandaigua, New York
(T) Canandaigua, Ontario County
TAX ID No. 56.00-1-13.210

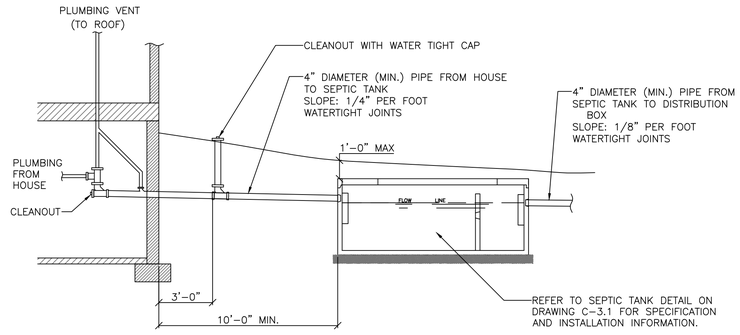
ON-SITE WASTEWATER TREATMENT (SEPTIC) SYSTEM DETAILS
1 OF 2

Scale: AS NOTED
Date: 06/22
DWG. C-3.0



SYSTEM SCHEMATIC

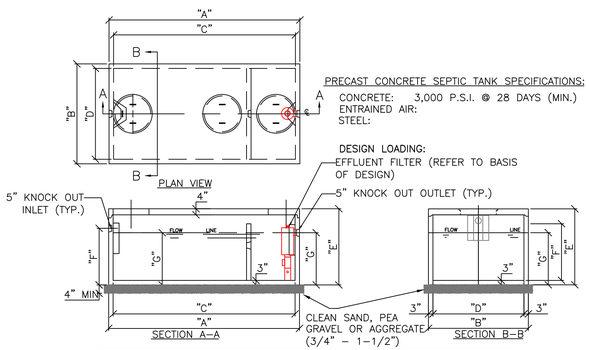
NOT TO SCALE



PLUMBING DETAIL

NOT TO SCALE

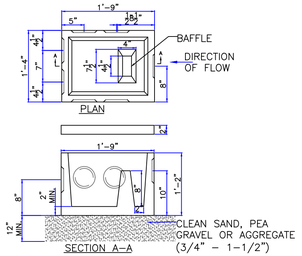
NOTES:
1. WHOLE BUILDING TRAPS ARE NOT PERMITTED – EACH PLUMBING FIXTURE MUST BE INDIVIDUALLY TRAPPED AND VENTED
2. RISERS SHALL BE INSTALLED TO GRADE IF TANK IS GREATER THAN 12" BELOW FINAL FINISHED GRADE



SEPTIC TANK SIZE (GALLONS)	LENGTH O.D. "A"	WIDTH O.D. "B"	LENGTH I.D. "C"	WIDTH I.D. "D"	HEIGHT O.D. "E"	INLET "F"	OUTLET "G"
1,000	128"	67"	122"	61"	51"	38"	35"

NOTES:
1. CONTRACTOR SHALL VERIFY DIMENSIONS PRIOR TO CONSTRUCTION.
2. INSTALL A ZABEL FILTER ON OUTLET
3. REFER TO BASIS OF DESIGN NOTES ON DWG C-2 FOR ADDITIONAL INFORMATION.
4. PLACE A MIN. OF 4-INCH OF CLEAN SAND, PEA GRAVEL OR AGGREGATE (3/4" – 1-1/2") UNDER SEPTIC TANK.

SEPTIC TANK DETAIL



DISTRIBUTION BOX NOTES:
1. PIPE JOINTS TO BE SEALED WITH ASPHALT MATERIAL OR EQUIVALENT.
2. INVERT ELEVATIONS OF ALL OUTLET PIPES SHALL BE EQUAL. SPEED LEVELING DEVICES ARE REQUIRED.

DISTRIBUTION BOX SPECIFICATIONS;

DESIGN LOADING: A-0.3/300PSF/WALKWAYS.

INLET/OUTLETS: LOW PRESSURE POLYETHYLENE WATERTIGHT PIPE TO BOX CONNECTION.

PRECAST CONCRETE SPECIFICATIONS;

CONCRETE: 4,000 P.S.I. @ 28 DAYS.

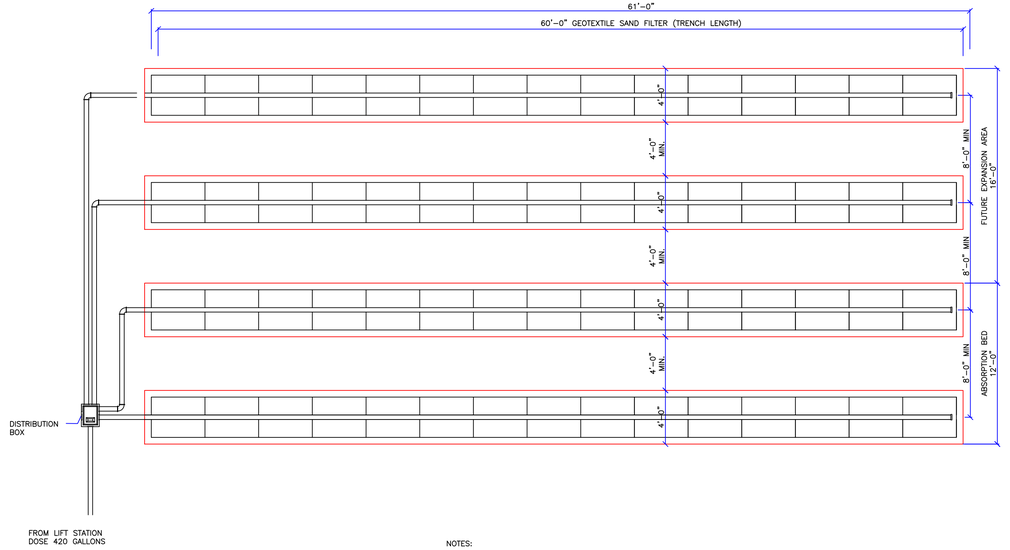
ENTRAINED AIR: 5% – 9%.

STEEL: A.S.T.M. A496-A615 GRADE 60-60 KSI.

SIX OUTLET DISTRIBUTION BOX

NOT TO SCALE

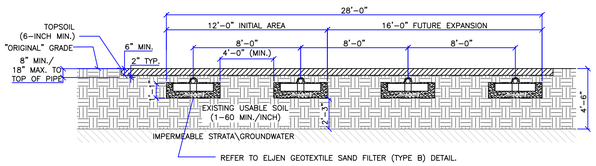
PIPE SCHEDULE			
LOCATION	SIZE	TYPE	SLOPE
BUILDING TO SEPTIC TANK	4"	PVC SEWER PIPE (SCH. 40) – NON PERFORATED	1/4" PER FOOT (MIN.)
SEPTIC TANK TO DISTRIBUTION BOX	4"	PVC SEWER PIPE (SCH. 40) – NON PERFORATED	1/8" PER FOOT (MIN.)
DISTRIBUTION BOX TO DISTRIBUTOR PIPE	4"	PVC SEWER PIPE (SCH. 40) – NON PERFORATED	1/32" (MIN) – 1/8" (MAX) PER FOOT
GEOTEXTILE SAND FILTERS (TYPE B)	---	ELJEN GEOTEXTILE SAND FILTERS (TYPE B)	LEVEL – 1/16" PER FOOT (MAX)



PLAN VIEW (ABSORPTION FIELD)

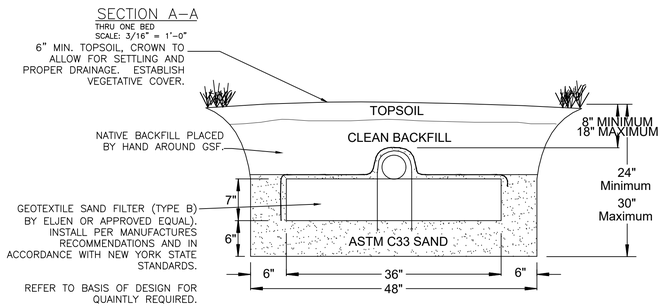
SCALE: 3/16" = 1'-0"

NOTES:
1. REFER TO SITE PLAN FOR ACTUAL BED CONFIGURATION
2. THIS SITE DOES HAVE ADEQUATE AREA FOR 100% FUTURE EXPANSION OF THE SYSTEM
3. ALL EXISTING SAND FILTER PIPING TO BE REMOVED IN AREA OF NEW ELJEN SYSTEM.
4. COLLECTION PIPING DISCHARGE TO BE CUT AND PLUGGED.



SECTION A–A

THRU ONE BED
SCALE: 3/16" = 1'-0"



ELJEN GEOTEXTILE SAND FILTER (TYPE B)

SCALE: N.T.S.

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PROJ. MNGR.: JTM
CHECKED BY: JTM

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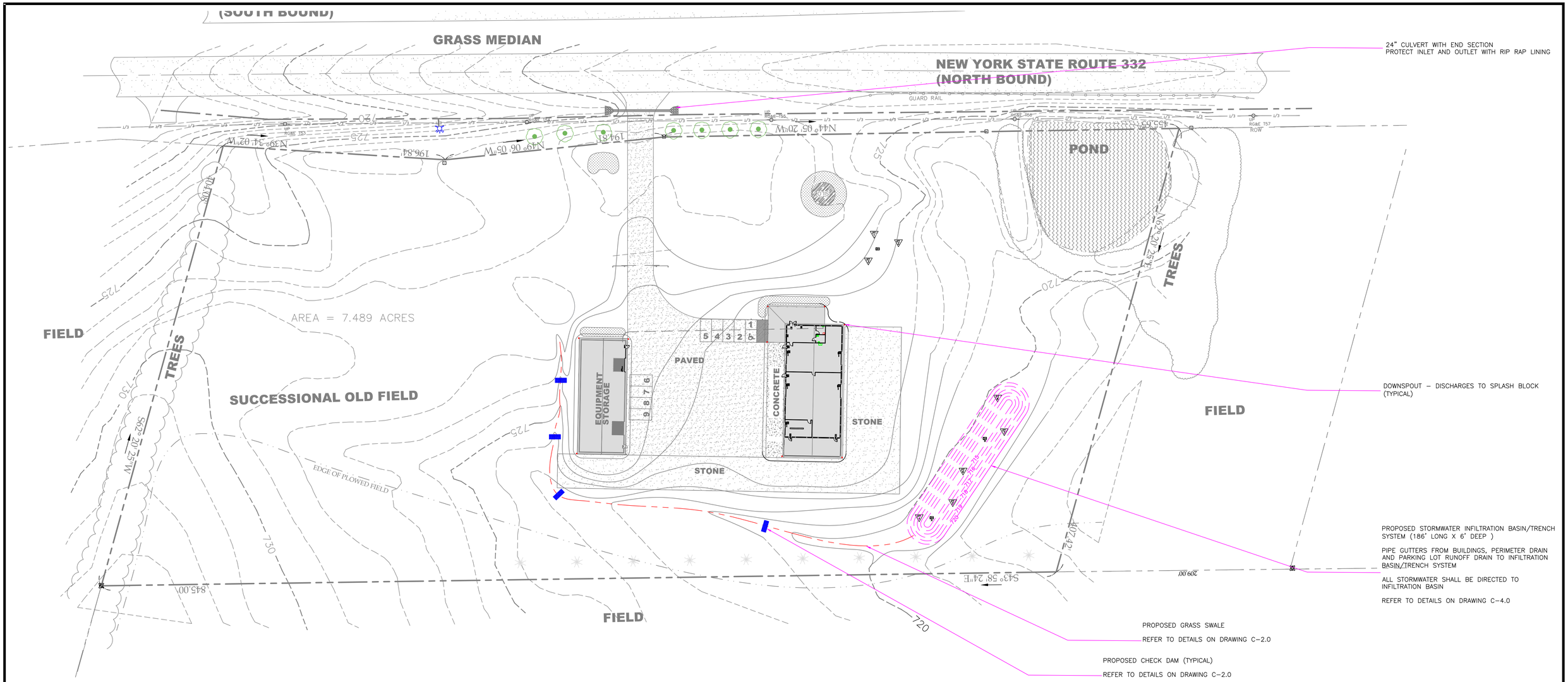
ON-SITE WASTEWATER TREATMENT (SEPTIC) SYSTEM DETAILS 2 OF 2

Scale: AS NOTED
Date: 06/22
DWG. C-3.1



LEGEND

EXISTING FEATURES		PROPOSED FEATURES	
	CENTER LINE OF ROADWAY		CONTOUR
	CONTOUR MAJOR		WATER SERVICE – 1–INCH PE
	CONTOUR MINOR		UNDERGROUND ELECTRIC
	EDGE OF FIELD		GRASS SWALE
	GUARD RAIL		CURB STOP (LOCATED AT R.O.W.)
	PAVEMENT		PERC TEST LOCATION
	PROPERTY LINE (SUBJECT PARCEL)		DEEP HOLE TEST LOCATION
	PROPERTY LINE (ADJACENT PARCEL)		10'X20' PARKING SPACE (TYPICAL OF 9)
	PROPERTY LINE SETBACKS		PAVED PARKING/DRIVE (13,800 SF)
	OVERHEAD UTILITIES		STONE DRIVE (10,800 SF)
	TREE/BRUSH LINE (TO REMAIN)		CONCRETE APRON (1,300 SF)
	EXISTING 12–INCH DUCTILE IRON WATER MAIN		LANDSCAPED AREA REFER TO DRAWING L–1.0
	FIRE HYDRANT		
	MONUMENT		CHECK DAM – REFER TO DETAIL ON DRAWING C–2
	TREE		DOWNSPOUT LOCATION
	UTILITY POLE		

SITE PLAN
SCALE: 1" = 40'–0"

0' 20' 40' 80'

DOWNSPOUT NOTES:
1. DOWNSPOUTS TO BE INSTALLED AT LOCATIONS SHOWN (GENERALLY DESCRIBED AS THE CORNERS OF BUILDINGS AND PORCHES).
2. DOWNSPOUTS SHALL DISHARGE TO SPLASH BLOCKS THAT DIRECT FLOW AWAY FROM THE BUILDING.

STABILIZATION NOTES:
IN AREAS WHERE SOIL DISTURBANCE ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, STABILIZATION MEASURES SHALL BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 14 DAYS, WITHIN 7 DAYS IF OVER 5 ACRES OF DISTURBANCE AND WITHIN 3 DAYS IF BETWEEN November 15t and April 1st.

PLANNING BOARD CHAIRPERSON

ENGINEER

CANANDAIGUA–FARMINGTON WATER DISTRICT

DRAWN BY: JTM
PROJ. ENGR.: JTM
PROJ. MNGR.: JTM
CHECKED BY: JTM

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REVISIONS

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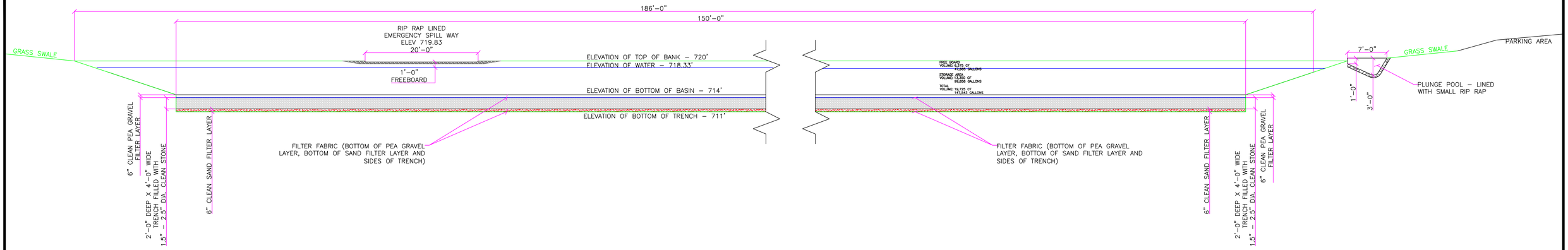
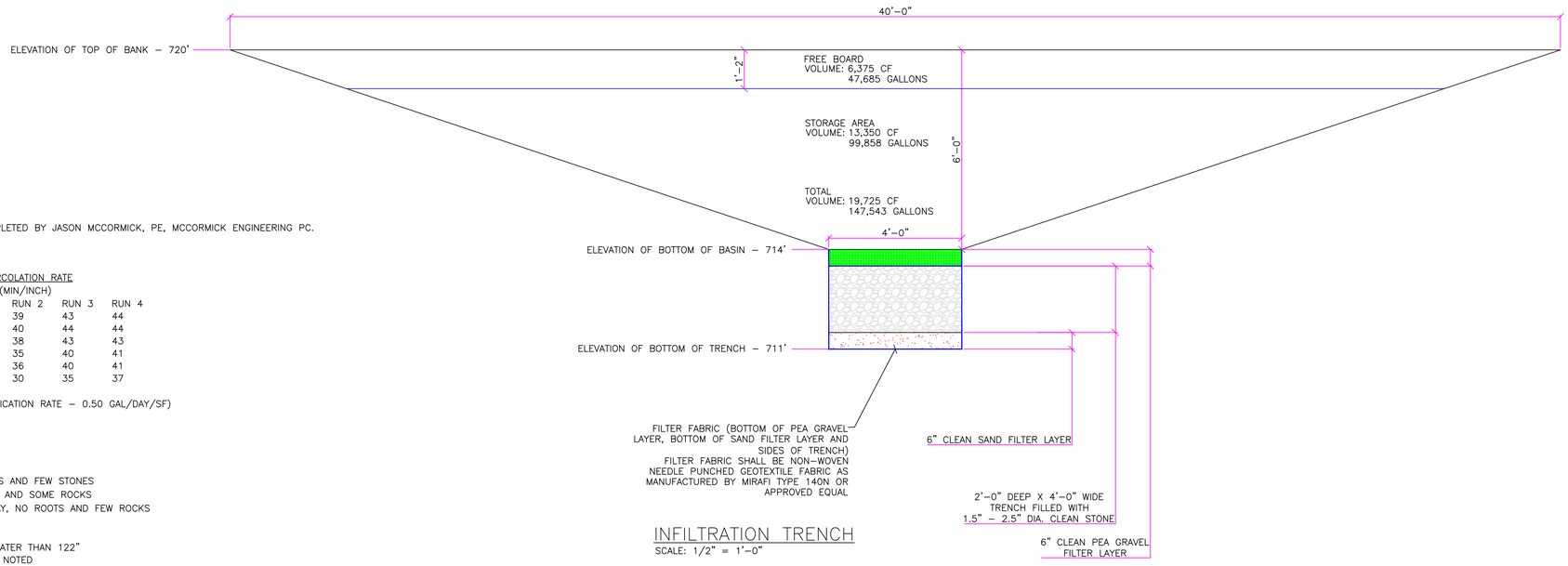
STORMWATER PLAN

Scale: AS NOTED
Date: 06/22
DWG. C–4.0



INFILTRATION TRENCH

SCALE: 1/8" = 1'–0"



INFILTRATION TRENCH

SCALE: 1/2" = 1'–0"

INFILTRARTION BASIN

ON–SITE TESTS

PERCOLATION TESTS AND DEEP HOLE TEST COMPLETED BY JASON MCCORMICK, PE, MCCORMICK ENGINEERING PC.

PERC TEST ON MAY 10 AND 11, 2022

HOLE	DEPTH OF HOLE (INCH)	PERCOLATION RATE (MIN/INCH)			
		RUN 1	RUN 2	RUN 3	RUN 4
PT–4	48	35	39	43	44
PT–5	60	37	40	44	44
PT–6	48	33	38	43	43
PT–7	60	30	35	40	41
PT–8	48	30	36	40	41
PT–9	60	23	30	35	37

DESIGN PERC RATE OF 31–45 MIN/INCH (APPLICATION RATE – 0.50 GAL/DAY/SF)

DEEP HOLE WAS DUG ON MAY 10, 2022

DEPTH	SOIL CONDITION
0"–6"	TOPSOIL
6"–24"	SILTY LOAM WITH FEW ROOTS AND FEW STONES
24"–86"	SILTY LOAM WITH NO ROOTS AND SOME ROCKS
86"–122"	SILTY LOAM WITH TRACE CLAY, NO ROOTS AND FEW ROCKS

DEPTH TO IMPERMEABLE LAYER/BEDROCK – GREATER THAN 122"
DEPTH TO GROUNDWATER OR MOTTLING – NONE NOTED

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JASON THOMAS MCCORMICK
STATE OF NEW YORK
DPE
076843
LICENSED PROFESSIONAL ENGINEER

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STORMWATER MANAGEMENT DETAILS

Scale: AS NOTED | Date: 06/22 | DWG. C–4.1

MINOR COMMERCIAL DRIVEWAY

NYSDOT STANDARD GENERAL PLAN NOTES

1. Road to be kept clean of mud and debris at all times.
2. Road side drainage to be maintained at all times.
3. Materials, equipment and vehicles are not to be stored or parked within the New York State Right–of–Way.
4. Maintenance and Protection of Traffic must comply with the NYS Department of Transportation Manual of Uniform Traffic Control Devices (MUTCD), Section 619 of the current NYSDOT Standard Specifications, these plans and as ordered by the Resident Engineer. On a NYSDOT Construction Project, Maintenance and protection of Traffic must comply with these plans and be in accordance with the NYSDOT Contract Documents as deemed necessary by the NYS Engineer–in–Charge.
5. Notify the NYS Department of Transportation Resident Engineer three (3) working days prior to commencement of work in the NYS right–of–way.
6. Notify DIG SAFELY NEW YORK (UFPO) two (2) working days prior to digging, drilling or blasting at 811 for a utility stake–out.
7. All materials used within the NYS Right–of–Way must comply with the current NYS Department of Transportation Specifications Book along with any appropriate current NYS Department of Transportation Standard Sheets.
8. Quality control of asphalt concrete shall meet the requirements of Section 401 of the Standard Specifications. All asphalt produced as part of Section 401 will be paid at the final quality adjustment factor of 1.0. Asphalt course depths shown on the plans are compacted depths.
9. No night work shall be allowed unless approved prior to the start of the project. Additional Maintenance and Protection of Traffic may be required including the addition of reflective materials and lighting.
10. Hazardous Waste Notification – The Permittee accepts the Right–of–Way of the State Highway in its "AS–IS" condition. The Department of Transportation makes no representation as to the absence of Underground tanks, structures, features or similar impediments to the completion of the work permitted hereunder. Should the Permittee find some previously unknown underground impediments to its work, the Department of Transportation shall have no obligation to cure, remove, remedy or otherwise deal with such previously unknown underground impediments. The Department will permit the Permittee to remove, modify or otherwise deal with such underground tanks, structures, features or similar impediment if such is done in a manner which meets acceptable engineering practice and is pre–approved by the Department of Transportation. Should the Permittee determine that such unforeseen underground impediment renders Permittee's work as authorized by this permit unfeasible, Permittee shall have the option of restoring the highway to its original condition and not performing such work.

NYSDOT REGION 4 WORK ZONE TRAFFIC CONTROL NOTES

1. REFER TO THE NYSDOT REGION4 TRAFFIC CONTROL NOTES ON PAGES 1 –10 ATTACHED AFTER DESIGN DRAWINGS.

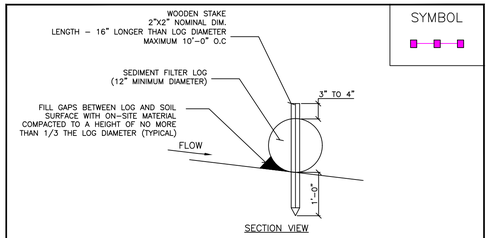
Work shall be in compliance with the following NYSDOT Standard Sheets & Specifications:

NYSDOT Standard Sheet 619–10 Work Zone Traffic Control General Notes
NYSDOT Standard Sheet 619–11 Work Zone Traffic Control Legends and Notes
NYSDOT Standard Sheet 619–12 Sign Table (Total of 2 Sheets)
NYSDOT Standard Sheet 619–20 Shoulder Closure, 2–Lane 2–Way Roadway
NYSDOT Standard Sheet 619–60 Flagging Operation, 2–Lane 2–Way Roadway
NYSDOT Specification 610.10000015 Landscape Development
NYSDOT Specification 619 Pavement Edge Drop–Off Protection

NOTES:

1. THESE DRAWINGS ARE FOR AN ENTRANCE PERMIT, ANY ASSOCIATED UTILITY WORK WITHIN THE NYS ROW WILL REQUIRE A SEPARATE SUBMISSION WITH RELEVANT DETAILS AND SEPARATE UTILITY PERMITS.
2. ANY DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY CONTRACTOR'S OPERATIONS WITHIN THE NYS ROW SHALL BE REPAIRED TO MEET NYSDOT STANDARDS AT THE CONTRACTOR'S EXPENSE.
3. NYSDOT OPERATIONS TAKE PRECEDENCE OVER HIGHWAY WORK PERMIT OPERATIONS. CONTRACTOR SHALL NOT HAVE WORK OPERATIONS IN PAVEMENT DURING INCLEMENT WEATHER CONDITIONS OR DURING SNOW AND ICE REMOVAL OPERATIONS ON STATE HIGHWAYS.

DESIGN DATA	
DESIGN SPEED	55 MPH
CORNER ANGLE (DRIVEWAY)	90°
DRIVEWAY WIDTH	25'
CORNER RADIUS	33'
SITE DISTANCE	1,330' SOUTH (RIGHT TURN)
	SITE DISTANCE TO NORTH NOT REQUIRED NO LEFT (SOUTH) TURNS FROM SITE ALLOWED DIVIDED HIGHWAY



CONSTRUCTION SPECIFICATIONS

1. SEDIMENT FILTER LOGS SHALL BE INSTALLED ON A LINE OF EQUAL ELEVATION CONTOURS.
2. THE ENDS OF SEDIMENT FILTER LOGS SHALL ANGLED UP SLOPE TO PREVENT CHANNELIZED FLOW FROM BEING CONVEYED PASSED THE ENDS.
3. SEDIMENT FILTER LOG SEGMENTS SHALL NOT EXCEED 100'.
4. WOODEN STAKE SHALL BE NOMINAL 2"X2" AND SHALL BE 16" LONGER THAN LOG DIAMETER.
5. WOOD STAKES SHALL BE PLACED A MAXIMUM 10'–0" O.C.
6. ENDS OF FILTER LOGS SHALL BE OVERLAPPED BY 24" AND STAKED SIDE BY SIDE.
7. SEDIMENT SHALL BE REMOVED WHEN IT REACHES A MAXIMUM HEIGHT OF HALF THE FILTER LOG DIAMETER OR IF BULGES DEVELOP.
8. SEDIMENT SHALL BE PROPERLY DISPOSED.

SEDIMENT FILTER LOGS

EROSION & SEDIMENTATION CONTROL SEQUENCING SCHEDULE

1. ESTABLISH THE LIMIT OF DISTURBANCE FOR THE PROPOSED SITE CLEARING AND GRADING.
2. DELINEATE AND PROTECT EXISTING TREES AND VEGETATION TO BE PRESERVED.
3. INSTALL THE STABILIZED CONSTRUCTION ENTRANCE.
4. ESTABLISH THE LOCATION FOR THE EROSION AND SEDIMENTATION CONTROL MEASURES – PREPARE AREA FOR THERE INSTALLATION.
5. INSTALL SILT FENCE AS REQUIRED IN THE EROSION CONTROL PLAN (SITE PLAN DRAWING).
6. BEGIN CLEARING AND GRADING FOR CONSTRUCTION AT THE SITE.
7. STOCKPILE TOPSOIL IN ACCORDANCE WITH THE EROSION CONTROL PLAN.
8. COMPLETE FINAL PAVING (DRIVEWAY/PARKING) AS REQUIRED.
9. INSTALL PROPOSED PLANTINGS (GRASS ONLY)
10. WHEN ALL DISTURBED AREAS ARE STABLE AND UPON APPROVAL FROM THE TOWN, REMOVE ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES.

Vegetative Requirements

1.) Site Preparation
A. Install needed water & erosion control measures and bring area to be seeded to desired grades using a min. of 4" topsoil.
B. Prepare seedbed by loosening soil to depth of 4–6 inches.
C. Lime to a pH of 6.5
E. Fertilize as per soil test or, if fertilizer must be applied before soil test results are received, apply 850 pounds of 5–10–10 or equivalent per acre (20 lbs/1,000 sq. ft.)
F. Incorporate lime and fertilizer in top 2–4 inches of topsoil.
G. Smooth. Remove all stones over 1 inch in diameter, sticks, and foreign matter from the surface. Firm the seedbed.

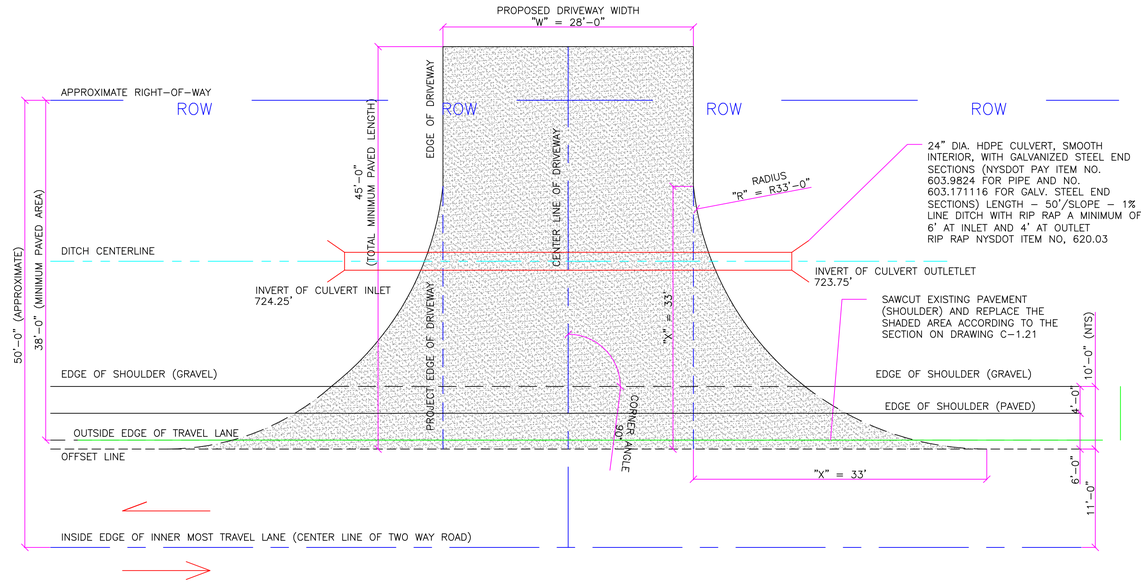
2.) Planting–Sunny Location

Use a cultipacker type seeder if possible. Seed to a depth of 1/8 to 1/4 inch. If seed is to be broadcast, cultipack or roll after seeding. If hydroseeded, lime and fertilizer may be applied through the seeder and rolling is not practical. Seed using the following mix and rates:

Species (% by weight)	lbs/1,000sq ft	lbs/acre
65% Kentucky bluegrass blend	2.0–2.6	85–114
20% perennial ryegrass	0.6–0.8	26–35
15% fine fescue	0.4–0.6	19–26
Total	3.0–4.0	130–175
Or		
100% Tall fescue, Turf–type, fine leaf	3.4–4.6	150–200

3.) When using the cultipacker or broadcast seed method, mulch using small grain straw, applied at a rate of 2 tons per acre; and anchor with a netting or tackifier. Hydroseed applications should include mulch, fertilizer and seed.

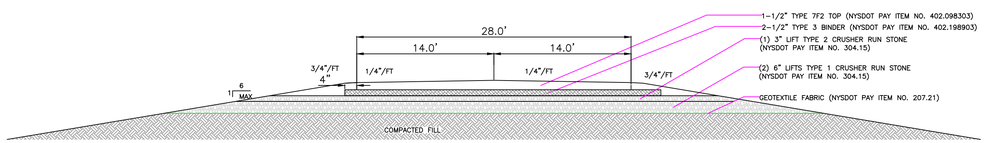
Common white clover can be added to mixtures at the rate of 1–2 lbs/acre to help maintain green color during the dry summer period, however, they will not withstand heavy traffic. Fertilizing – First year, (spring seedlings) three to four weeks after germination apply 1 pound nitrogen/1,000 square feet using a complete fertilizer with a 2–1–1 or 4–1–3 ratio or as recommended by soil test results. For summer and early fall seedings, apply as above unless air temperatures are above 85 degrees for extended period. Wait until heat wave is over to fertilize. For late fall/ winter seedings, fertilize in spring. Restrict use – new seedlings should be protected from use for one full year to allow development of a dense sod with good root structure.



NOTE:
WHITE EDGE LINE STRIPPING SHALL BE REPLACED AS PER EXISTING WHERE DISTURBED BY THE PROPOSED WORK. WHITE STRIP (NYSDOT PAY ITEM NO. 640.10)

PROPOSED DRIVEWAY DETAIL

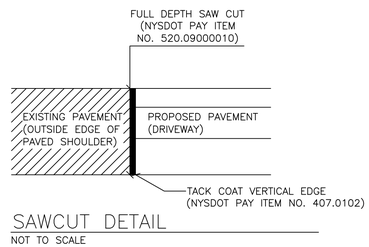
SCALE: 1/8" = 1'–0"



PROPOSED CROSS SECTION

NOT TO SCALE

SAW CUT EXISTING SHOULDER ALONG PROPOSED DRIVEWAY OPENING (NYSDOT PAY ITEM NO. 520.09000010)
CONSTRUCT DRIVEWAY IN ACCORDANCE WITH THE PROPOSED SECTION WITH NYSDOT PAY ITEMS LISTED
REGRADE OR PLACE ALL DISTURBED TOPSOIL IN RIGHT–OF–WAY (NYSDOT PAY ITEM NO. 610.1403)
ESTABLISH TURF WITHIN RIGHT–OF–WAY (NYSDOT PAY ITEM NO. 610.1601)
SIDEWALKS, CURBING AND ROAD STRIPPING ARE NOT PROPOSED FOR THIS PROJECT.



SAWCUT DETAIL

NOT TO SCALE

DESIGN RESPONSIBILITY NOTE:

MCCORMICK ENGINEERING PC IS RESPONSIBLE FOR THE DESIGN OF THIS PROJECT. JASON T. MCCORMICK, PE IS THE DESIGNER AND IS FAMILIAR WITH NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARDS AND REQUIREMENTS AND SHALL BE CONTACTED AT (585) 721–7219 TO RESOLVE ANY ISSUES OR PROBLEMS DURING CONSTRUCTION. ALL REVISIONS, INCLUDING REVISIONS NECESSARY DUE TO FIELD CONDITIONS, SHALL BE APPROVED BY THE NYSDOT.

DRAWN BY: JTM
PROJ. ENGR.: JTM
PROJ. MNGR.: JTM
CHECKED BY: JTM

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1	03/30/22	REVISED PER TOWN CHECK LISTS
0	02/19/22	FOR APPROVAL

REVISIONS

JASON THOMAS MCCORMICK 076643 LICENSED PROFESSIONAL ENGINEER STATE OF NEW YORK

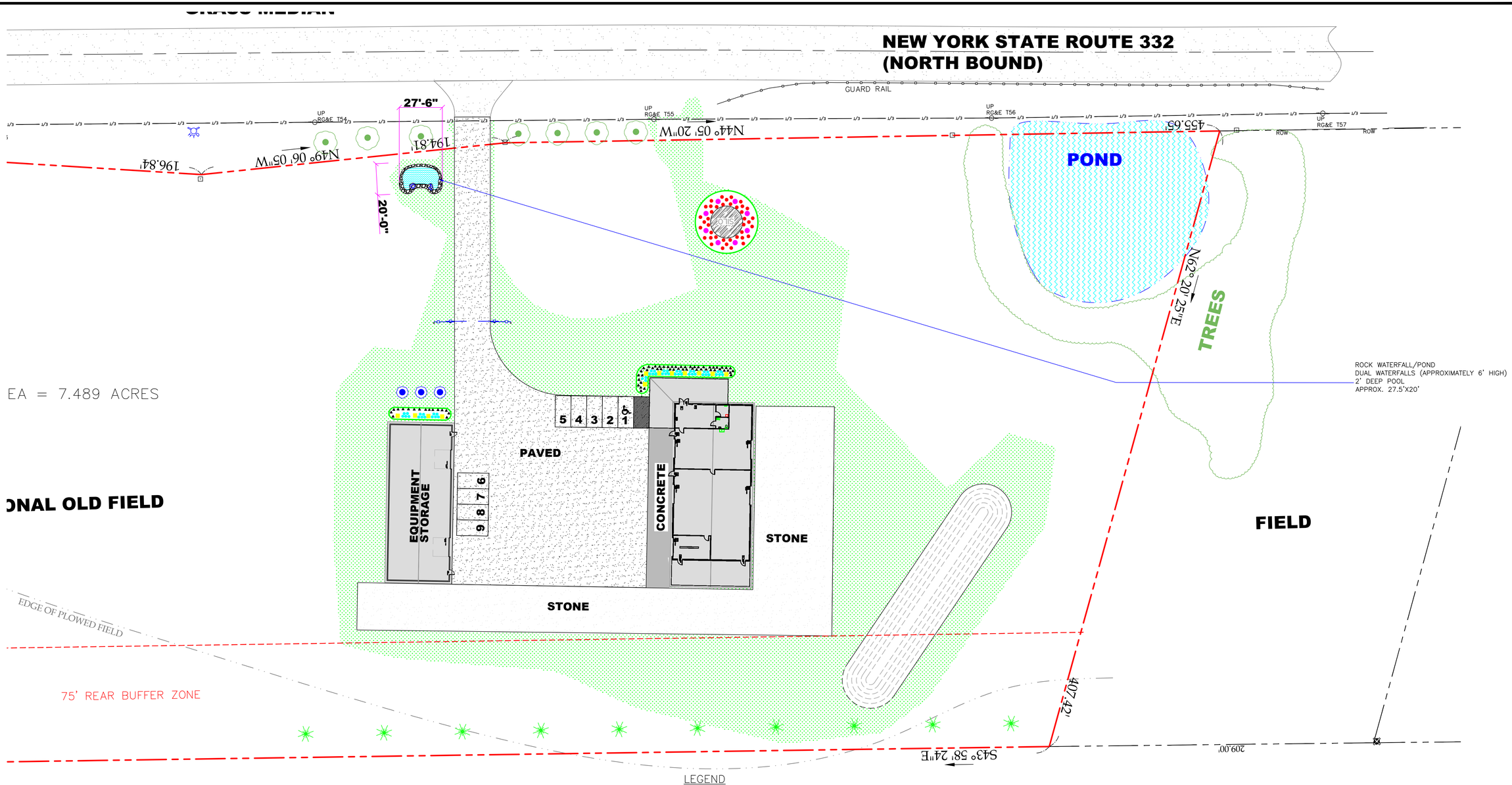
McCormick Engineering P.C.
294 Skuse Road
Geneva, New York 14456
(585) 721–7219

JOB No. 21–328

DIVERSIFIED EQUIPMENT, LLC
1947 STATE RTE 332
Canandaigua, New York
(T) Canandaigua, Ontario County
TAX ID No. 56.00-1-13.210

DRIVEWAY DETAILS

Scale: AS NOTED
Date: 06/22
DWG. C–5.0



SITE PLAN
SCALE: 1" = 30'-0"

0' 15' 30' 60'

LEGEND

PROPOSED ASPHALT PAVEMENT

PROPOSED GRAVEL YARD/DRIVE

PROPOSED CONCRETE APRON

PROPOSED LAWN AREA

DESCRIPTION	ESTIMATED QTY
DAYLILLY STELLO D'OVO, #1 CONT	66
WALKER'S LA CATMINT, @1 CONT	48
SUMMER SAVANNAH VIBURNUM, 24"	12
SUNFLOWERS	
ROSE OF SHARON, 4'-5'	8
SHADBLOW SERVICEBERRY TREE 2.5" DIA	3
EXISTING MAPLE TREES (IN DOT ROW)	7

DESCRIPTION	ESTIMATED QTY
COLORADO BLUE SPRUCE OR AUSTRIAN BLACK PINE. 3' TALL	10

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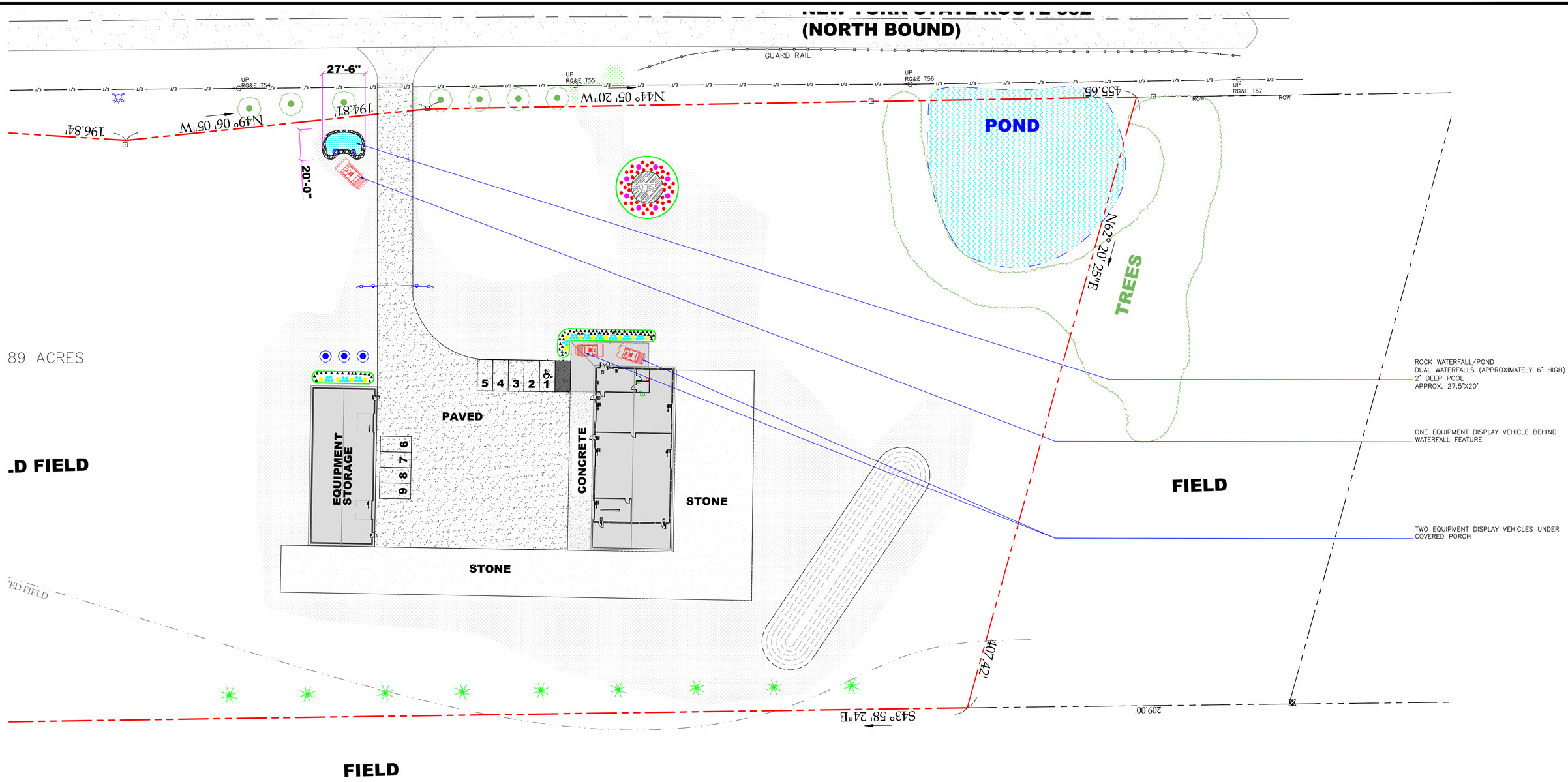
LANDSCAPE PLAN

Scale: AS NOTED
Date: 06/22
DWG. L-1.0



SITE PLAN
SCALE: 1" = 30'-0"

0' 15' 30' 60'

WARNING

IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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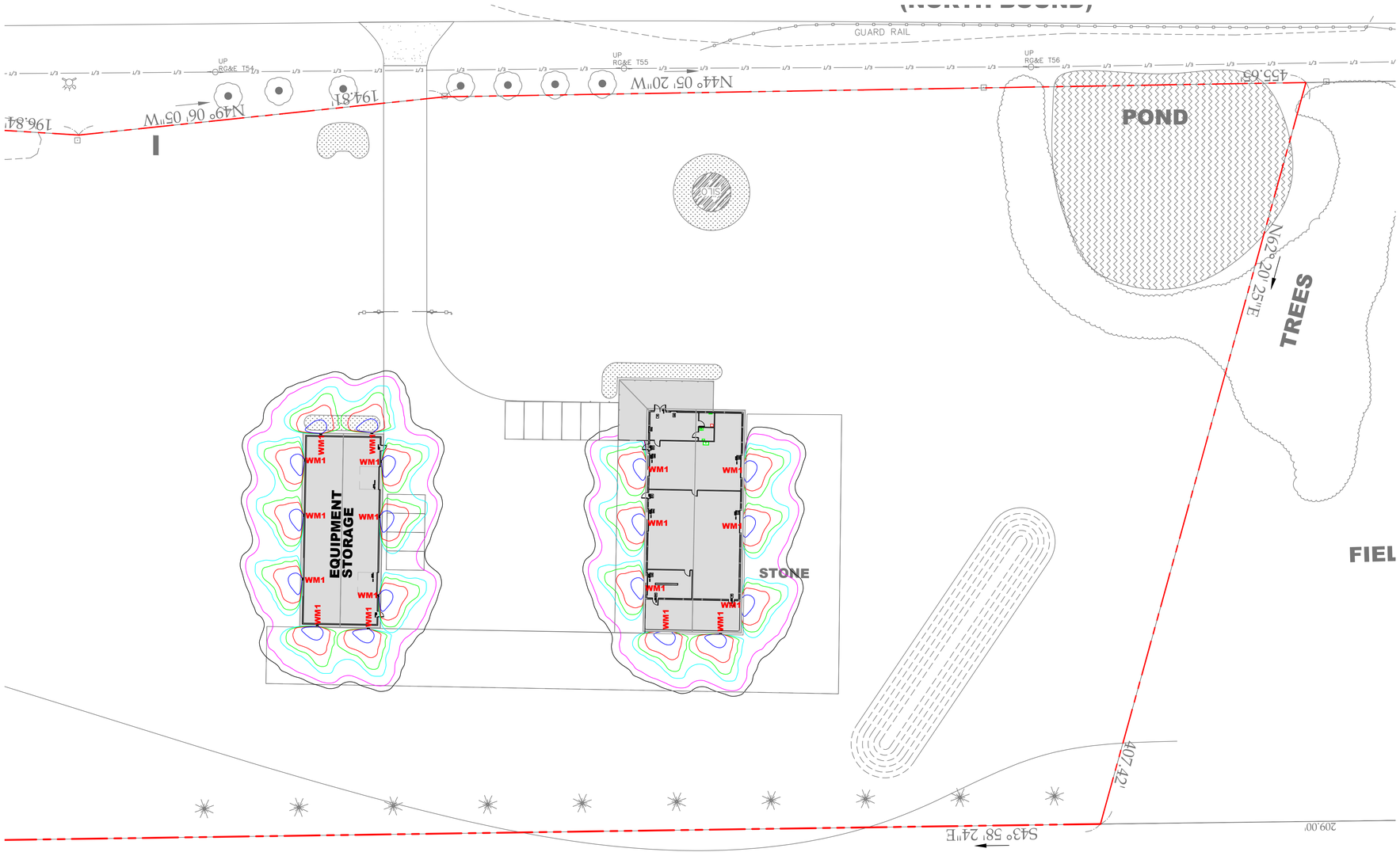
EQUIPMENT ADVERTISING PLAN

Scale: AS NOTED
Date: 06/22
DWG. L-1.1



SITE PLAN

SCALE: 1" = 30'-0"

0' 15' 30' 60'

LEDGEND

PROPERTY LINE

0.5 FOOTCANDLES

2.00 FOOTCANDLES

3.00 FOOTCANDLES

4.00 FOOTCANDLES

7.00 FOOTCANDLES

10.00 FOOTCANDLES

NOTES:

1. ALL LIGHTING IS DARK SKY COMPLIANT ENTRY
2. NO LIGHT WILL PROJECT PASSED PROPERTY LINES
3. ALL EXTERIOR LIGHTING SHALL COMPLY WITH SECTION 220-77 OF THE TOWN OF CANANDAIGUA TOWN CODE

LIGHTING SCHEDULE

MARK	SYMBOL	DESCRIPTION	MOUNTING HEIGHT	OPERATION	WATTAGE	QUANTITY
WM1	⊠	MILLS MODEL A-WA-H09-40W-UNV-D-30K-DB-T3-WM-MS-PS MOTION SENSOR	12'	MOTION SENSOR	40 WATTS	18

Mills

A-WAH09

Features

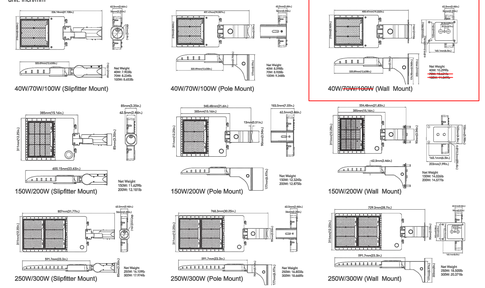
- Rugged one-piece, die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber
- Low profile, 3G vibration rated compact design minimizes wind load requirements.
- Housing is completely sealed against moisture and environmental contaminants (IP65).
- Available in IES Type III, IV, V distributions
- Light engines are available in standard 4000K and 5000K (70 CRI) configurations.
- Scalable Lumen Packages from 5,380 to 41,700 Lumens replaces up to 1000W Metal Halide.
- Optics are precisely designed to shape the distribution, maximizing efficiency and application spacing.
- For the ultimate level of spill light control, an optional house-side shield accessory can be field or factory installed.
- The optics can conform to dark sky requirement.
- 0-10V Dimming is Standard, ASHREA 90.1, 2018 State of Ohio building code compliant
- 100,000 hour L70 Lifetime
- 5 Year warranty Guarantee

Project:	
Location:	
Cat. No:	
Type	
Qty:	
Notes:	

5 YEAR WARRANTY

Dimension

unit: inch/mm



Order Matrix

Example: A-WAH09-150W-UNV-D-50K-DB-T3-PM-MS-PS

Family	Wattage	Voltage	Dimming	Color Temp	Finish	Optics	Mounting	Motion Sensor	Photocell Sensor
A-WAH09	40W ~~45W~~ ~~70W~~ 100W ~~150W~~ ~~150W~~ ~~200W~~ ~~250W~~ ~~300W~~	UNV 120-277V ~~48V 347-480V~~	D 0-10V	30K 3000K ~~40K 4000K~~ ~~50K 5000K~~	DB Dark Bronze	T3 Type III ~~T4 Type IV~~ ~~T5 Type V~~	~~PM Square/Round Pole~~ WM Wall Mount ~~SP Slipfitter~~	MS Motion Sensor ~~N None~~	PS Photocell

Mills

A-WAH09

Performance Data

System Watts	Voltage	Dist. Type	Lumens (4000K)	LPW (4000K)	Lumens (5000K)	LPW (5000K)
40W	120-277V	3	5400lm	135 lm/W	5600lm	138 lm/W
	~~120-277V~~	~~4~~	~~5360lm~~	~~134 lm/W~~	~~5480lm~~	~~137 lm/W~~
	~~120-277V~~	~~5~~	~~5560lm~~	~~140 lm/W~~	~~5720lm~~	~~143 lm/W~~
45W	347-480V	3	5900lm	131 lm/W	6000lm	133 lm/W
	347-480V	4	5850lm	130 lm/W	5940lm	~~132 lm/W~~
	347-480V	5	6120lm	136 lm/W	6210lm	138 lm/W
70W	120-277V	3	9400lm	134 lm/W	9500lm	136 lm/W
	~~120-277V~~	4	9310lm	133 lm/W	~~9450lm~~	~~132 lm/W~~
	~~120-277V~~	5	9730lm	139 lm/W	9800lm	140 lm/W
75W	347-480V	3	9800lm	131 lm/W	10000lm	133 lm/W
	347-480V	4	9750lm	130 lm/W	9900lm	132 lm/W
	347-480V	5	10200lm	136 lm/W	10350lm	138 lm/W
100W	120-277V	3	13300lm	133 lm/W	13400lm	134 lm/W
	120-277V	4	13200lm	132 lm/W	13300lm	133 lm/W
	120-277V	5	13900lm	139 lm/W	13900lm	139 lm/W
150W	120-277V/347-480V	3	20000lm	133 lm/W	20100lm	134 lm/W
	120-277V/347-480V	4	19800lm	132 lm/W	20000lm	133 lm/W
	120-277V/347-480V	5	20700lm	138 lm/W	20900lm	139 lm/W
200W	120-277V/347-480V	3	24700lm	123 lm/W	25000lm	125 lm/W
	120-277V/347-480V	4	24600lm	123 lm/W	24800lm	124 lm/W
	120-277V/347-480V	5	25800lm	129 lm/W	26000lm	130 lm/W
250W	120-277V/347-480V	3	33800lm	134 lm/W	34000lm	136 lm/W
	120-277V/347-480V	4	33250lm	133 lm/W	33750lm	135 lm/W
	120-277V/347-480V	5	34750lm	139 lm/W	35250lm	141 lm/W
300W	120-277V/347-480V	3	40000lm	133 lm/W	40200lm	134 lm/W
	120-277V/347-480V	4	39600lm	132 lm/W	39800lm	133 lm/W
	120-277V/347-480V	5	41400lm	138 lm/W	41700lm	139 lm/W

Electrical Data

NUMBER OF DRIVERS	DRIVER CURRENT (MA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (AMPS)
1	980	40	120	1.25
		40	208	0.72
		40	240	0.63
		40	277	0.54
		45	347	0.43
		45	480	0.31
1	1720	70	120	1.25
		70	208	0.72
		70	240	0.63
		70	277	0.54
		75	347	0.43
		75	480	0.31
1	2450	100	120	1.25
		100	208	0.72
		100	240	0.63
		100	277	0.54
1	3900	150	120	1.25
		150	208	0.72
		150	240	0.63
		150	277	0.54
		150	347	0.43
		150	480	0.31
1	5100	200	120	1.25
		200	208	0.72
		200	240	0.63
		200	277	0.54
		200	347	0.43
		200	480	0.31
1	6400	250	120	1.25
		250	208	0.72
		250	240	0.63
		250	277	0.54
		250	347	0.43
		250	480	0.31
1	6000	300	120	1.25
		300	208	0.72
		300	240	0.63
		300	277	0.54
		300	347	0.43
		300	480	0.31

Mills Labs Inc. | 845 E High St., Springfield, OH 45505, USA
Tel. 800-690-6403
MillsLabs.com

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PHOTOMETRICS

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