

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	EROSION CONTROL DETAILS AND 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 DETAILS
C-5.0	DRIVEWAY DETAILS

NYSDOT Standard Sheets & Specifications:
619-10 Work Zone Traffic Control General Notes
619-11 Work Zone Traffic Control Legends and Notes
619-12 Sign Table (Total of 2 Sheets)
619-20 Shoulder Closure, 2-Lane 2-Way Roadway
619-60 Flagging Operation, 2-Lane 2-Way Roadway

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

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 NAVD29

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



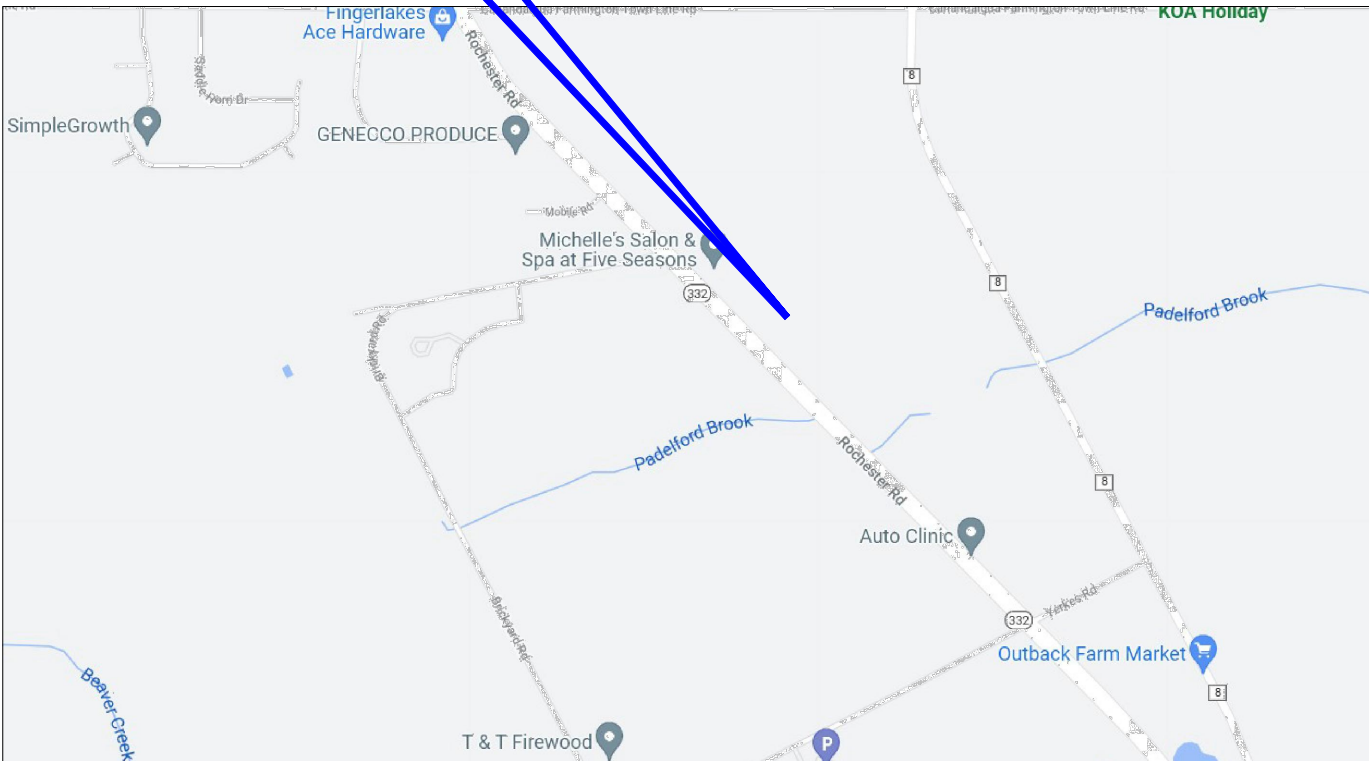
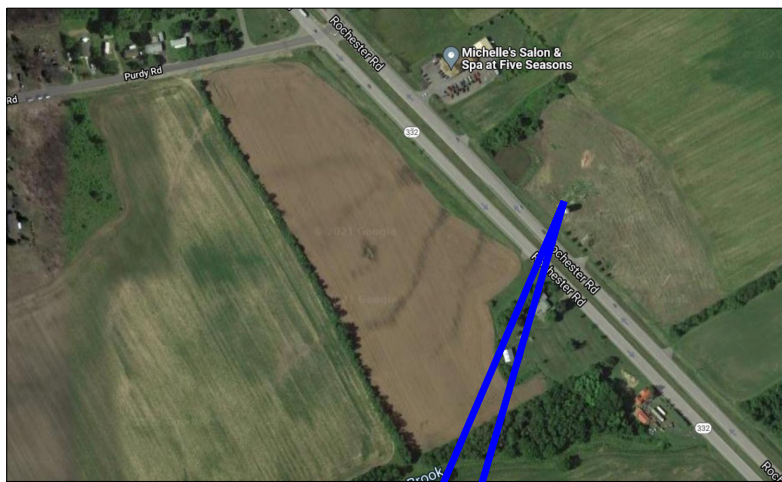
STATE WETLANDS INVENTORY
FRESHWATER WETLAND
CG-11/ CLASS: 2
SIZE: 57.8ACRES

STATE WETLAND CHECK ZONE

NATIONAL WETLANDS INVENTORY
FRESHWATER POND
ID: PUBHh
SIZE: 0.335 ACRES

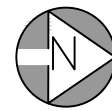
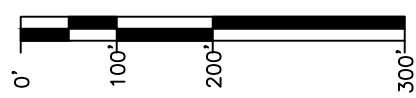
PROJECT SITE

NATIONAL WETLANDS INVENTORY
RIVERINE
ID: R5UBH
SIZE: 1.80 ACRES



NYSDEC ENVIRONMENTAL RESOURCE (WETLAND) MAP

SCALE: 1" = 200'-0"



SEQUENCE OF CONSTRUCTION

1. ESTABLISH THE LIMIT OF DISTURBANCE FOR THE PROPOSED SITE CLEARING AND GRADING - CONTRACTOR TO LIMIT AREA TO LESS THAN 1 ACRE
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. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE
6. BEGIN CLEARING AND GRADING FOR THE CONSTRUCTION AT THE SITE
7. STOCKPILE TOPSOIL IN ACCORDANCE WITH THE EROSION CONTROL PLAN
8. PLACE STONE BASE FOR NEW BUILDING, DRIVEWAY AND PARKING AREAS
9. INSTALL POSTS FOR NEW BUILDING
10. INSTALL ALL NEW UNDERGROUND UTILITIES
11. SET NEW TANKS FOR ON-SITE WASTEWATER TREATMENT (SEPTIC) SYSTEM
12. POUR CONCRETE SLAB FOR BUILDING
13. FRAME AND BUILD BUILDING
14. PAVE DRIVEWAY
15. PLACE TOPSOIL AND COMPLETE FINAL GRADING
16. PLACE SEED AND MULCH IN DISTURBED AREAS
17. WHEN ALL DISTURBED AREAS ARE STABLE AND UPON APPROVAL FROM THE TOWN, REMOVE ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES

ANTICIPATED CONSTRUCTION DURATION: 4 MONTHS

	REQUIRED	PROPOSED
ZONING	CC- COMMUNITY COMMERCIAL	
PERMITTED USE	YES	EQUIPMENT RENTAL/REPAIR
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 5,800 SF GRAVEL/PAVEMENT 24,600 SF TOTAL COVERAGE 30,400 SF = 9%
HEIGHT	2-1/2 STORIES/35' MAXIMUM	1 STORY/20'±

STATEMENT OF USE

APPLICANT IS SEEKING SITE PLAN APPROVAL TO CONSTRUCT AN EQUIPMENT RENTAL FACILITY

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

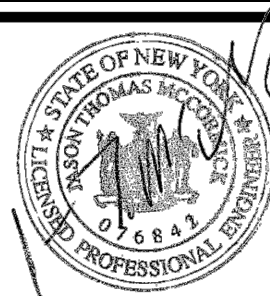
ENGINEER

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

PLANNING BOARD CHAIRPERSON

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	1	03/30/22	REVISED PER TOWN CHECK LISTS
PROJ. MNGR.: JTM	0	02/19/22	FOR APPROVAL
CHECKED BY: JTM	NO.	DATE	DESCRIPTION
			REVISIONS



McCormick Engineering P.C.

294 Skuse Road
Geneva, New York 14456

(585) 721-7219

JOB No. 21-276

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: 03/22
DWG. C-0.0

56.00-1-43.100
Physical Address: 1966 St Rt 332
Owner Contact Info:
WALTZ, JAMES T
1966 ST RT 332
CANANDAIGUA, NY, 14424

56.00-1-47.112
Physical Address: St Rt 332
Owner Contact Info:
FINGER LAKES ASSETS LLC
1279 UPPER FRONT ST
BINGHAMTON, NY, 13901

56.00-1-14.211
Physical Address: 1965 St Rt 332
Owner Contact Info:
PRITCHARD, CHRISTOPHER R.
2030 RISSE RD
CANANDAIGUA, NY, 14424

56.00-1-42.110
Physical Address: 2000 St Rt 332
Owner Contact Info:
CATALPA ACRES , LLC
5600 YERKES RD
CANANDAIGUA, NY, 14424

56.00-1-13.210
Physical Address: 1947 St Rt 332
Owner Contact Info:
SIMMONS ROCKWELL REALTY ASSOC LLC
1160 CO RT 66
HORNELL, NY, 14843

56.00-1-13.121
Physical Address: Co Rd 8
Owner Contact Info:
PRITCHARD, CHRISTOPHER R (VIRGINIA
R, LU)*
2030 RISSE RD
CANANDAIGUA, NY, 14424

55.00-1-18.100
Physical Address: 1948 St Rt 332
Owner Contact Info:
GILLMOR-MROZ, DEBORAH S; GILLMOR,
SCOTT C & VICKI J
1948 ST RT 332
CANANDAIGUA, NY, 14424

56.00-1-50.000
SITE INFO:
Physical Address: St Rt 332
Owner Contact Info:
CATALPA ACRES , LLC
3532 DEPEW RD
CANANDAIGUA, NY, 14424

56.00-1-49.000
Physical Address: 1901 St Rt 332
Owner Contact Info:
RENNIE PROPERTIES LLC
5831 JOHNSON RD
CANANDAIGUA, NY, 14424

56.00-1-48.000
Physical Address: St Rt 332
Owner Contact Info:
CATALPA ACRES , LLC
3532 DEPEW RD
CANANDAIGUA, NY, 14424

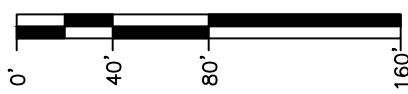
EXISTING POND

EXISTING SILO

EXISTING DRIVEWAY ENTRANCE

PROJECT SITE

SITE PLAN
SCALE: 1" = 80'-0"



APPROXIMATE SITE GRADE 3%

GROUND COVER GRASSLAND
AND POND

EXISTING STRUCTURES FARM SILO

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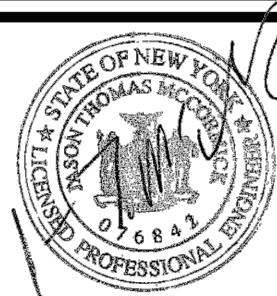
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PROJ. ENGR.: JTM

PROJ. MNGR.: JTM

CHECKED BY: JTM

NO.	DATE	DESCRIPTION
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0	02/19/22	FOR APPROVAL
REVISIONS		



McCormick Engineering P.C.

294 Skuse Road
Geneva, New York 14456

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JOB No. 21-276

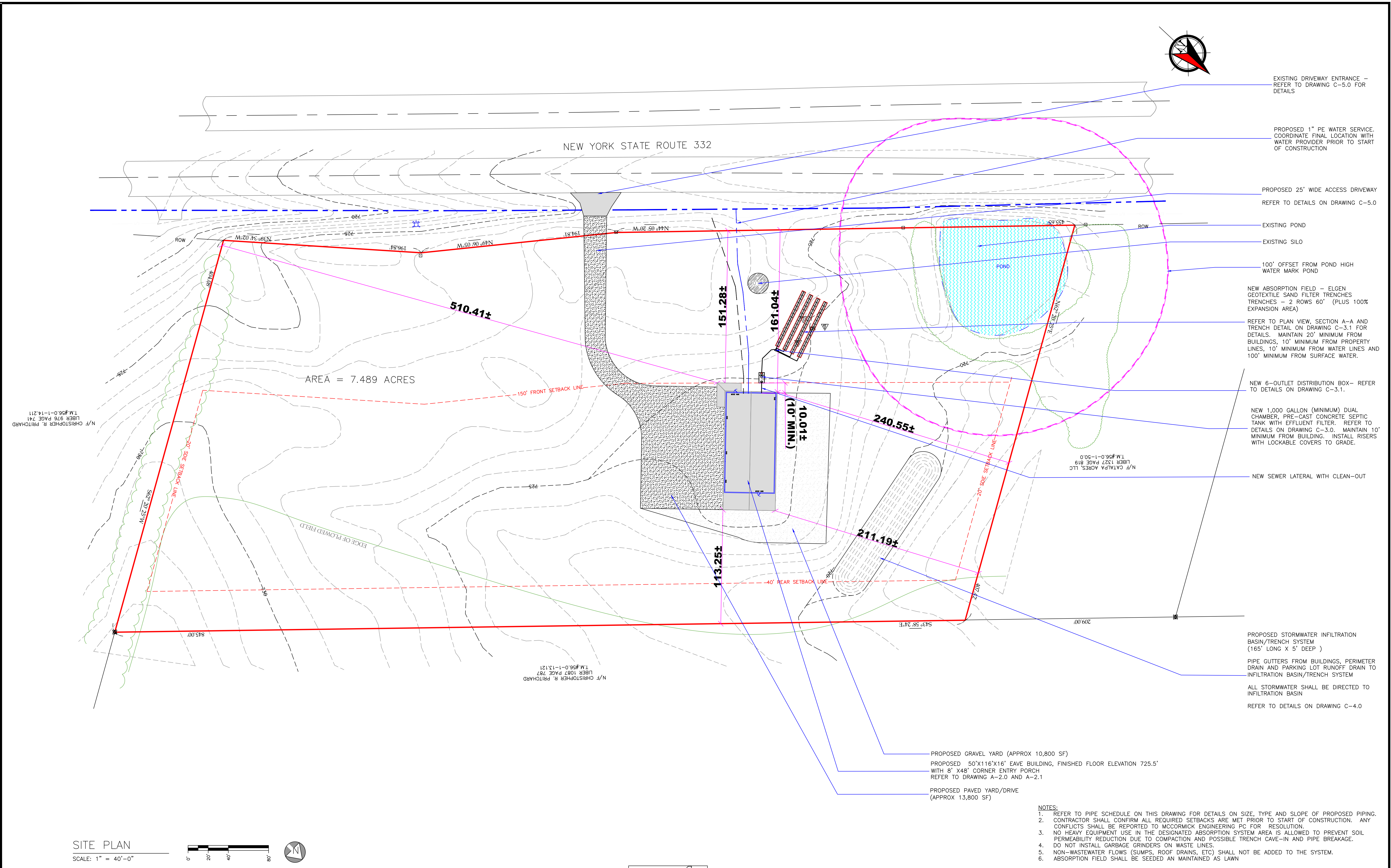
DIVERSIFIED EQUIPMENT, LLC
1947 STATE RTE 332
Canandaigua, New York
(T) Canandaigua, Ontario County
TAX ID No. 56.00-1-13.210

EXISTING SITE PLAN

Scale:
AS NOTED

Date: 03/22

DWG. C-1.0



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DRAWN BY: JTM

PROJ. ENGR.: JTM

PROJ. MNGR.: JTM

CHECKED BY: JTM

NO.	DATE	DESCRIPTION
1	03/30/22	REVISED PER TOWN CHECK LISTS
0	02/19/22	FOR APPROVAL

REVISIONS

SEAL OF THE STATE OF NEW YORK

THOMAS MCCORMICK

REGISTERED PROFESSIONAL ENGINEER

NO. 6843

McCormick Engineering P.C.

294 Skuse Road

Geneva, New York 14456

(585) 721-7219

DIVERSIFIED EQUIPMENT, LLC

1947 STATE RTE 332

Canandaigua, New York

(T) Canandaigua, Ontario County

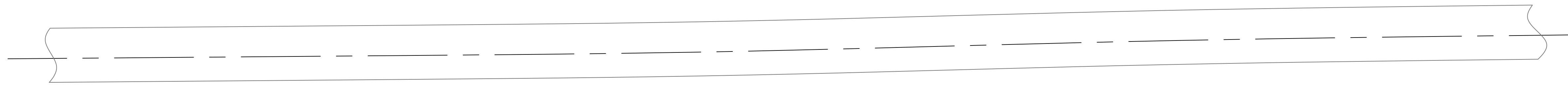
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SITE PLAN

Scale: AS NOTED

Date: 03/22

DWG. C-1.1



NEW YORK STATE ROUTE 662

1" = 10'

[illegible]

AREA = 7.489 ACRES

This topographic map shows a field area with contour lines indicating elevation. A green line marks the 'EDGE OF PLOWED FIELD'. A blue dashed line represents a survey boundary. A red line is labeled 'S43° 58' 24" E'. A green line is labeled 'S42° 20' 25" W'. A black line is labeled '402.42'. A pink hatched area is visible in the upper right. A black dashed line is labeled '725'. A green line is labeled '736'. A black line is labeled '209.00'.

N/F CHRISTOPHER R. PRITCHARD
LIBER 1087 PAGE 787
T.M.#56-0-1-13.121

The map shows the proposed building footprint and contours. The legend indicates:

- PROPOSED BUILDING FOOTPRINT (indicated by a blue line)
- PROPOSED CONTOURS (indicated by a blue line)

REMAIN DISTURBED AREAS SEEDED AND MAINTAINED AS LAWN

SCALE: 1" = 40'-0"



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CHECKED BY: STM

REVISIONS



(585) 721-7219

JOB No. 21-276

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

DWG C-1.2

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 MOTTILING – 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 (MINIMUM 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

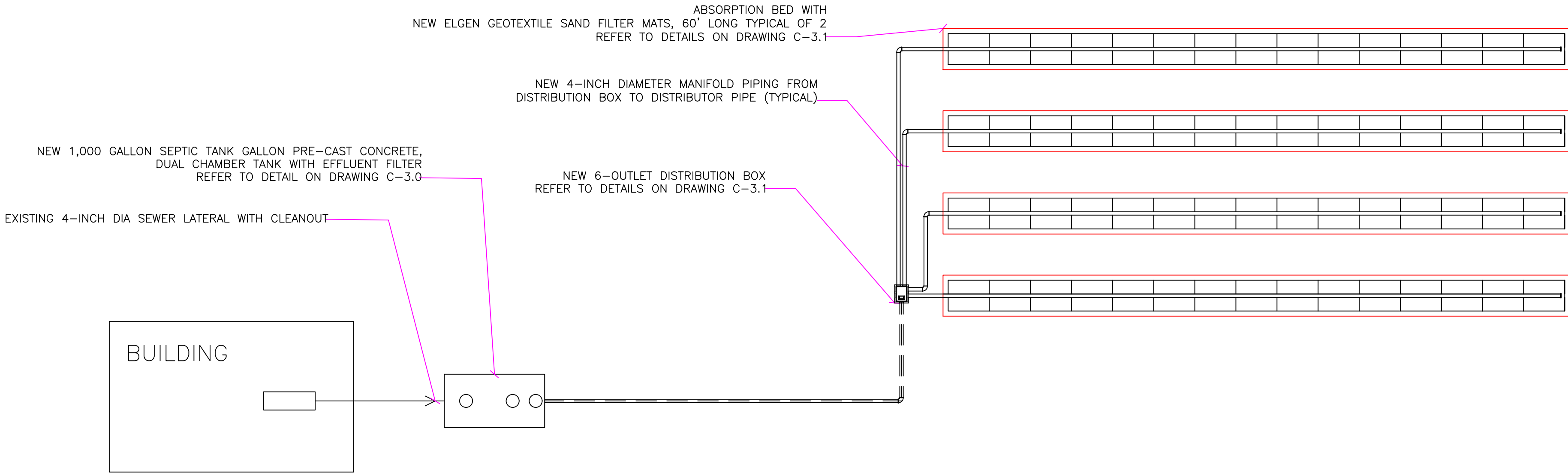
DISTRIBUTION
GRAVITY FLOW FROM BUILDING TO SEPTIC TANK
GRAVITY FLOW FROM SEPTIC TANK TO DISTRIBUTION BOX THEN
GRAVITY FLOW FROM DISTRIBUTION BOX TO ABSORPTION TRENCHES

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.

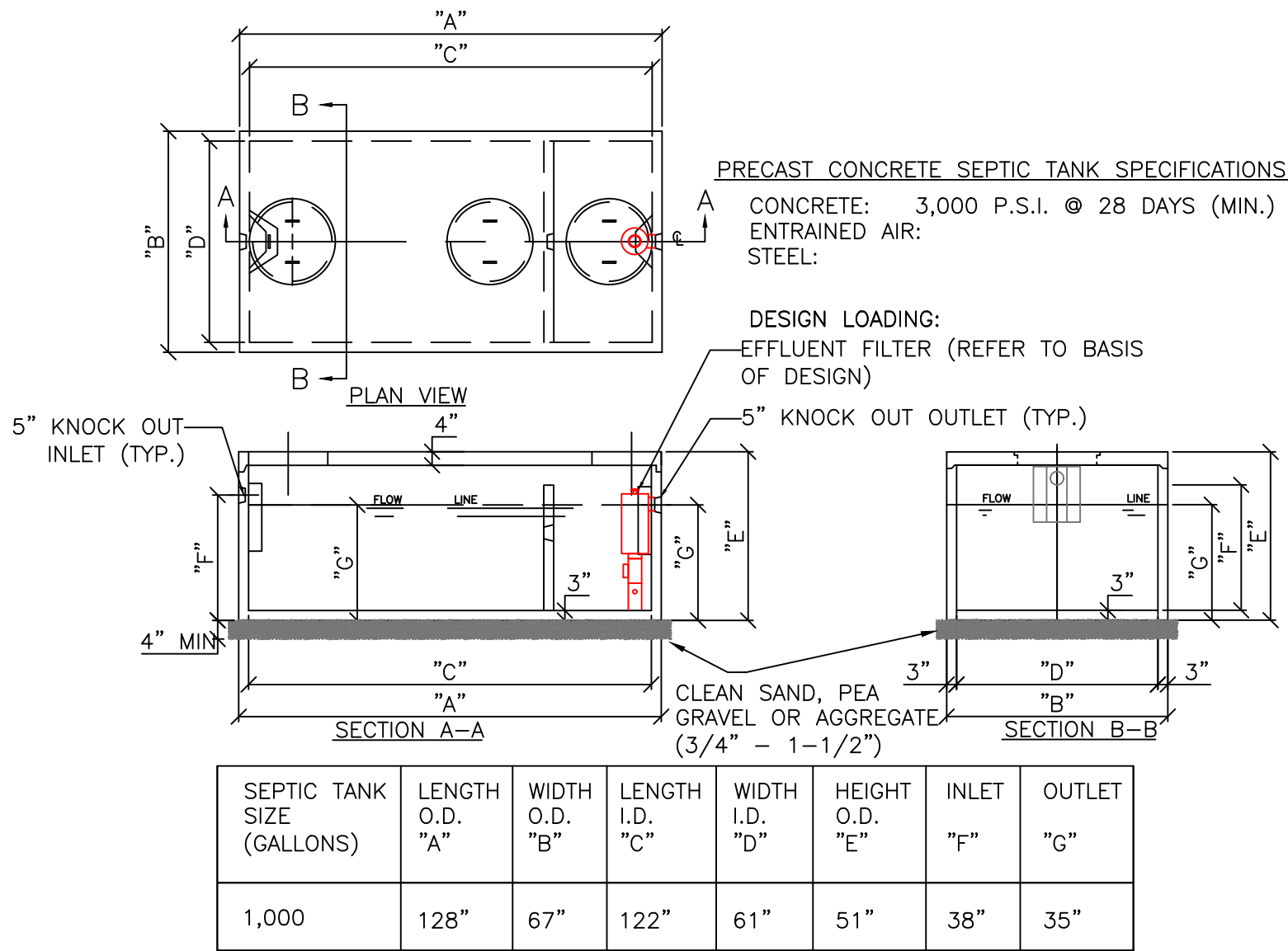
NOTES:
1. REFER TO PIPE SCHEDULE ON THIS DRAWING FOR DETAILS ON SIZE, TYPE AND SLOPE OF PROPOSED PIPING.
2. CONTRACTOR SHALL CONFIRM ALL REQUIRED SETBACKS ARE MET PRIOR TO START OF CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO MCCORMICK ENGINEERING PC FOR RESOLUTION.
3. THE LOCATIONS OF THE SEPTIC 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.

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)

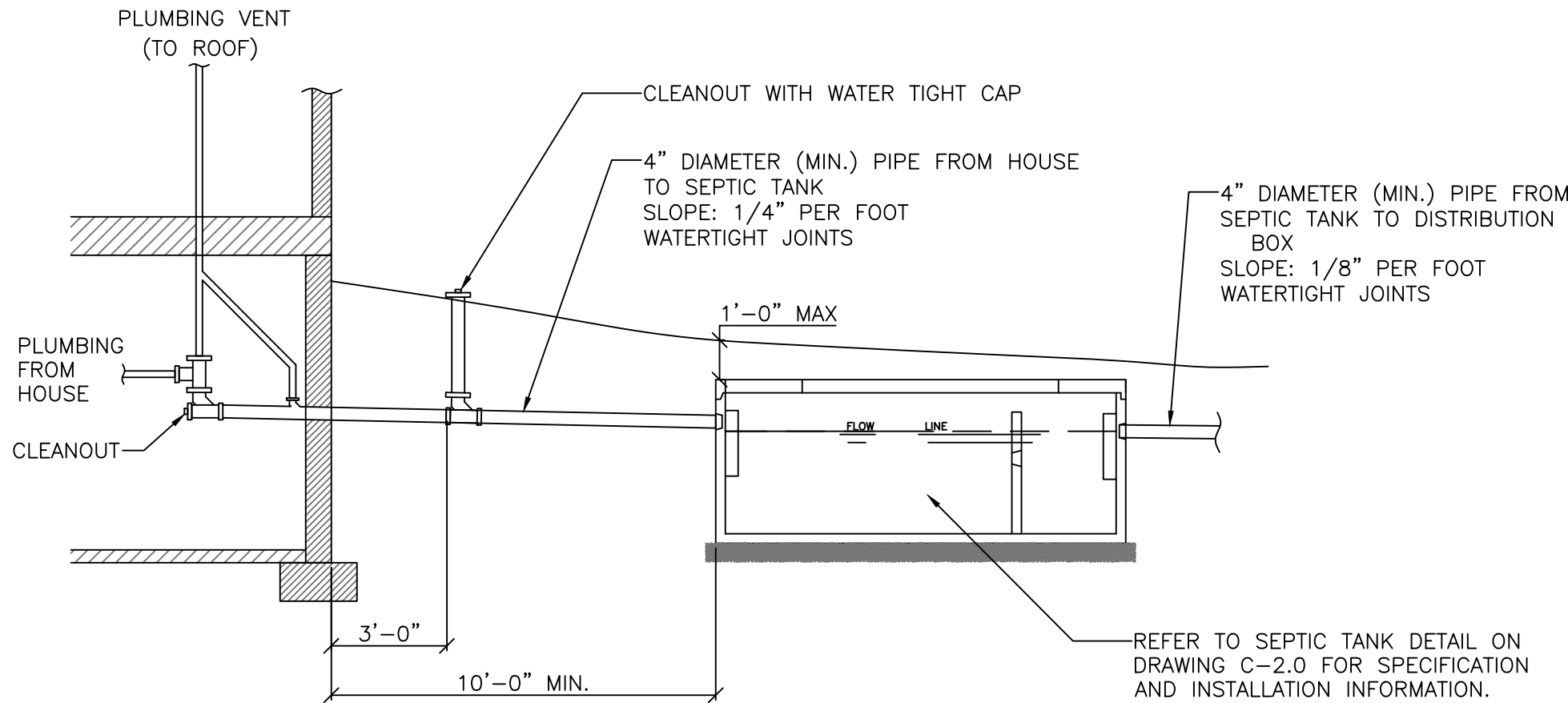


SYSTEM SCHEMATIC
NOT TO SCALE



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



PLUMBING DETAIL
NOT TO SCALE

NOTES:
1. WHOLE HOUSE 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

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

1 03/30/22

0 02/19/22

NO. DATE

REVISED PER TOWN CHECK LISTS

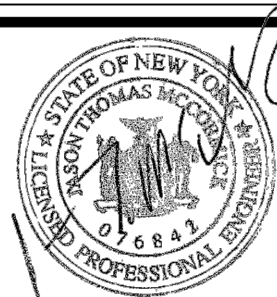
FOR APPROVAL

DESCRIPTION

REVISIONS



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



McCormick Engineering P.C.

294 Skuse Road
Geneva, New York 14456

(585) 721-7219

JOB No. 21-276

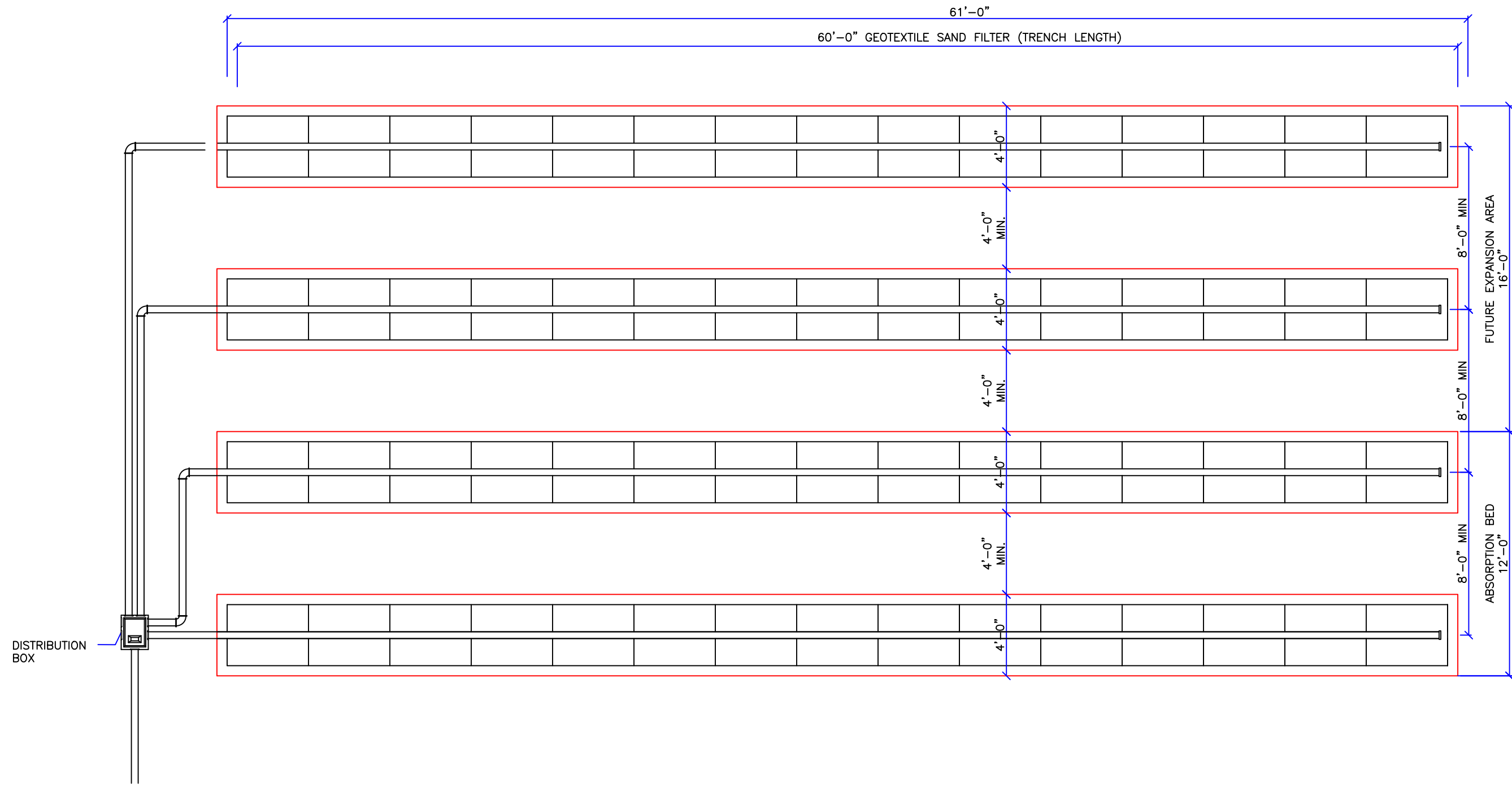
DIVERSIFIED EQUIPMENT, LLC
1947 STATE RTE 332
Canandaigua, New York
(T) Canandaigua, Ontario County
TAX ID No. 56.00-1-13.210

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

Scale:
AS NOTED

Date: 03/22

DWG. C-3.0

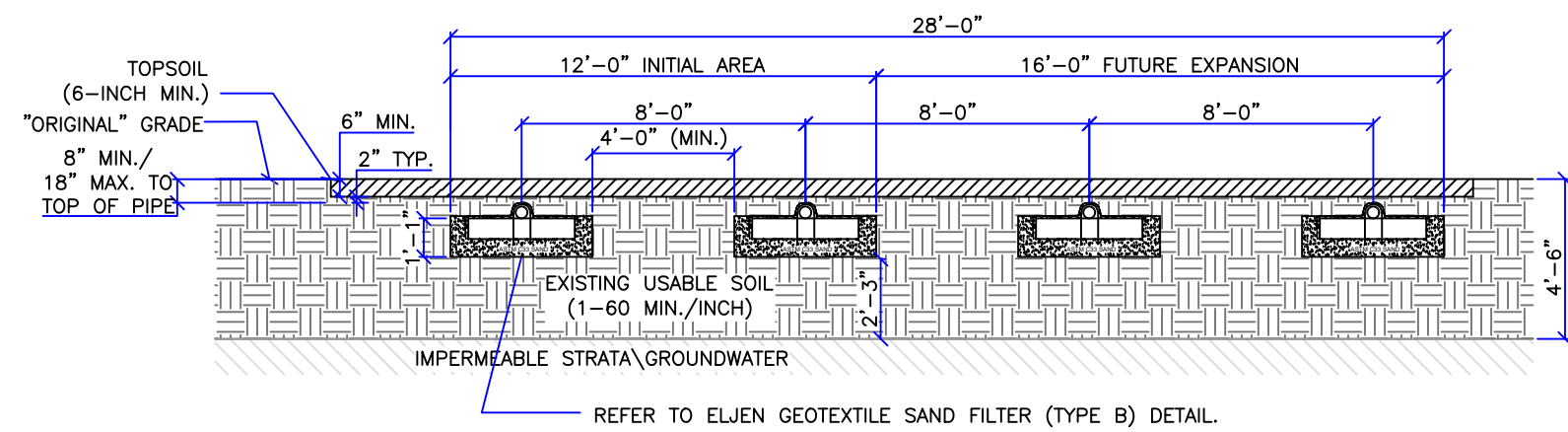


PLAN VIEW (ABSORPTION FIELD)

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

NOTES:

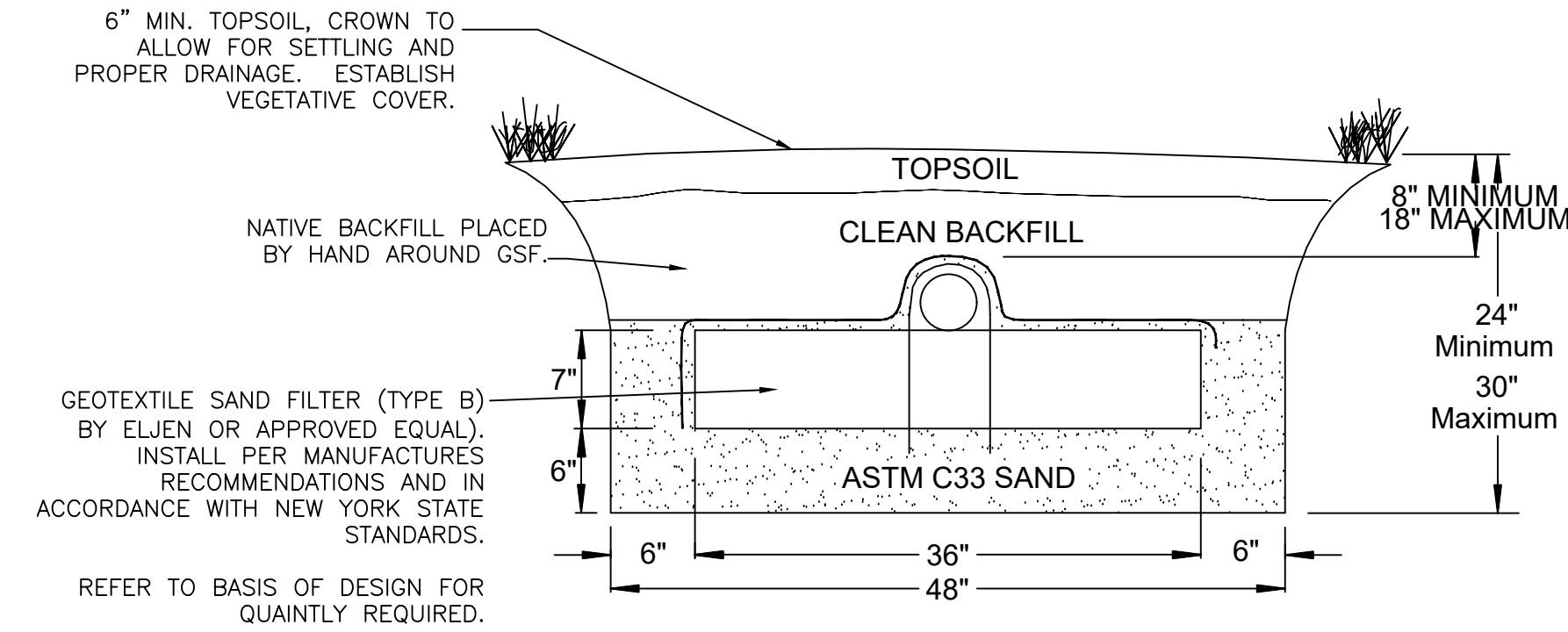
1. REFER TO SITE PLAN FOR ACTUAL BED CONFIGURATION
2. THIS SITE DOES HAVE ADEQUATE AREA FOR 100% FUTURE EXPANSION OF THE SYSTEM
3. ALL EXISTING SAND FILTER PIPING TO BE REMOVED IN AREA OF NEW ELJEN SYSTEM.
4. COLLECTION PIPING DISCHARGE TO BE CUT AND PLUGGED.



SECTION A-A

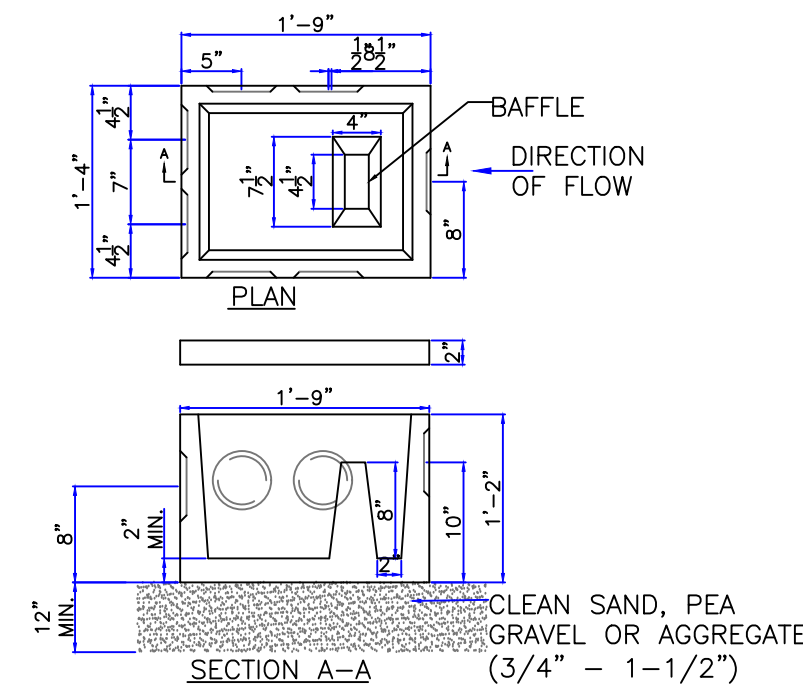
THRU ONE BED

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



ELJEN GEOTEXTILE SAND FILTER (TYPE B)

SCALE: N.T.S.



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

WARNING

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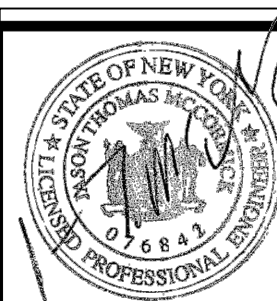
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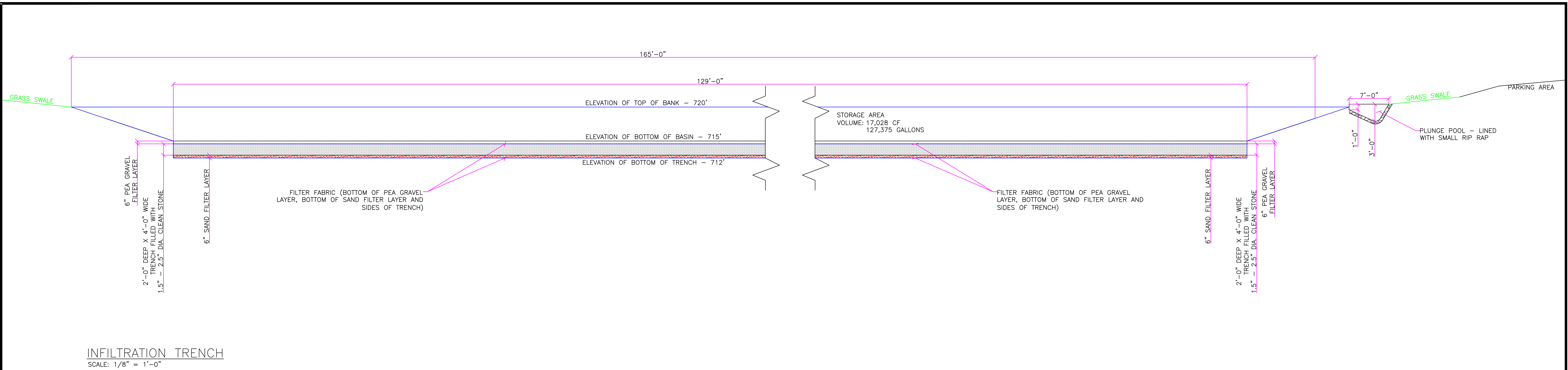
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ON-SITE WASTEWATER TREATMENT
(SEPTIC) SYSTEM DETAILS
2 OF 2

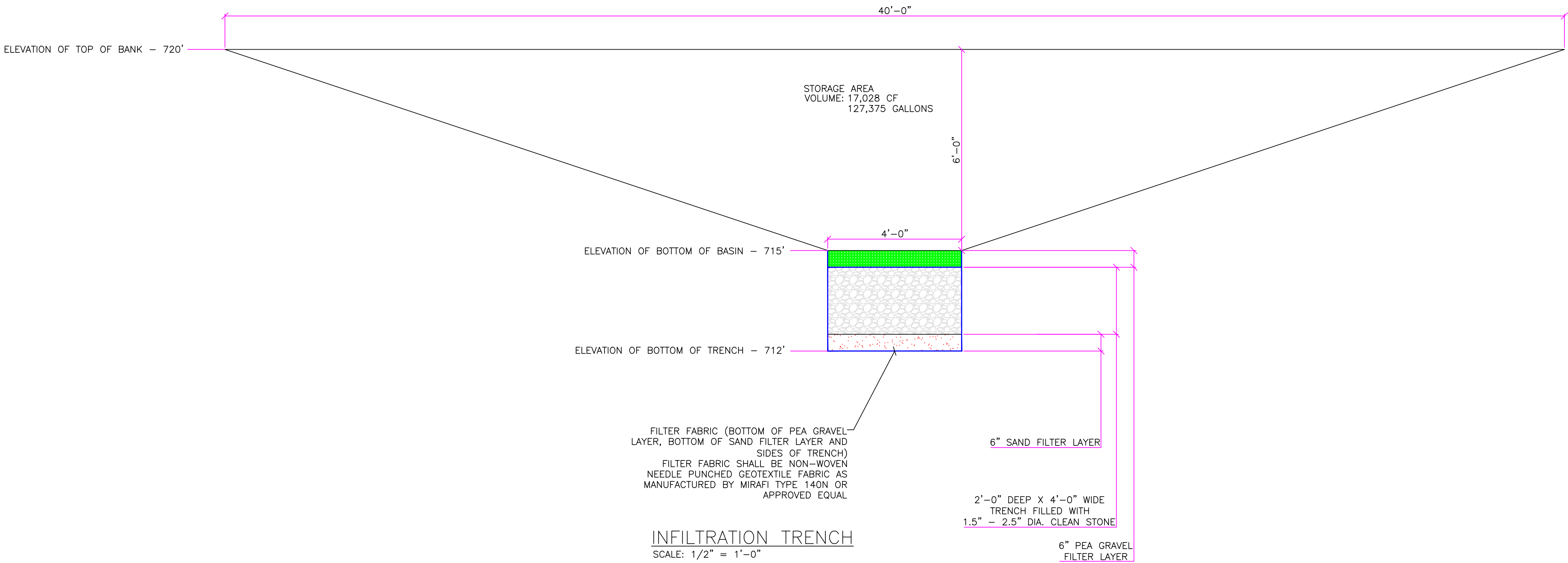
Scale:
AS NOTED

Date: 03/22

DWG. C-3.1



INFILTRATION TRENCH
SCALE: 1/8" = 1'-0"



INFILTRATION TRENCH
SCALE: 1/2" = 1'-0"

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 (UPFO) 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 infeasible, Permittee shall have the option of restoring the highway to its original condition and not performing such work.

NYS DOT 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

NYSOT Standard Sheet 619-60 Flagging Operation, 2-Lane 2-Way Roadway

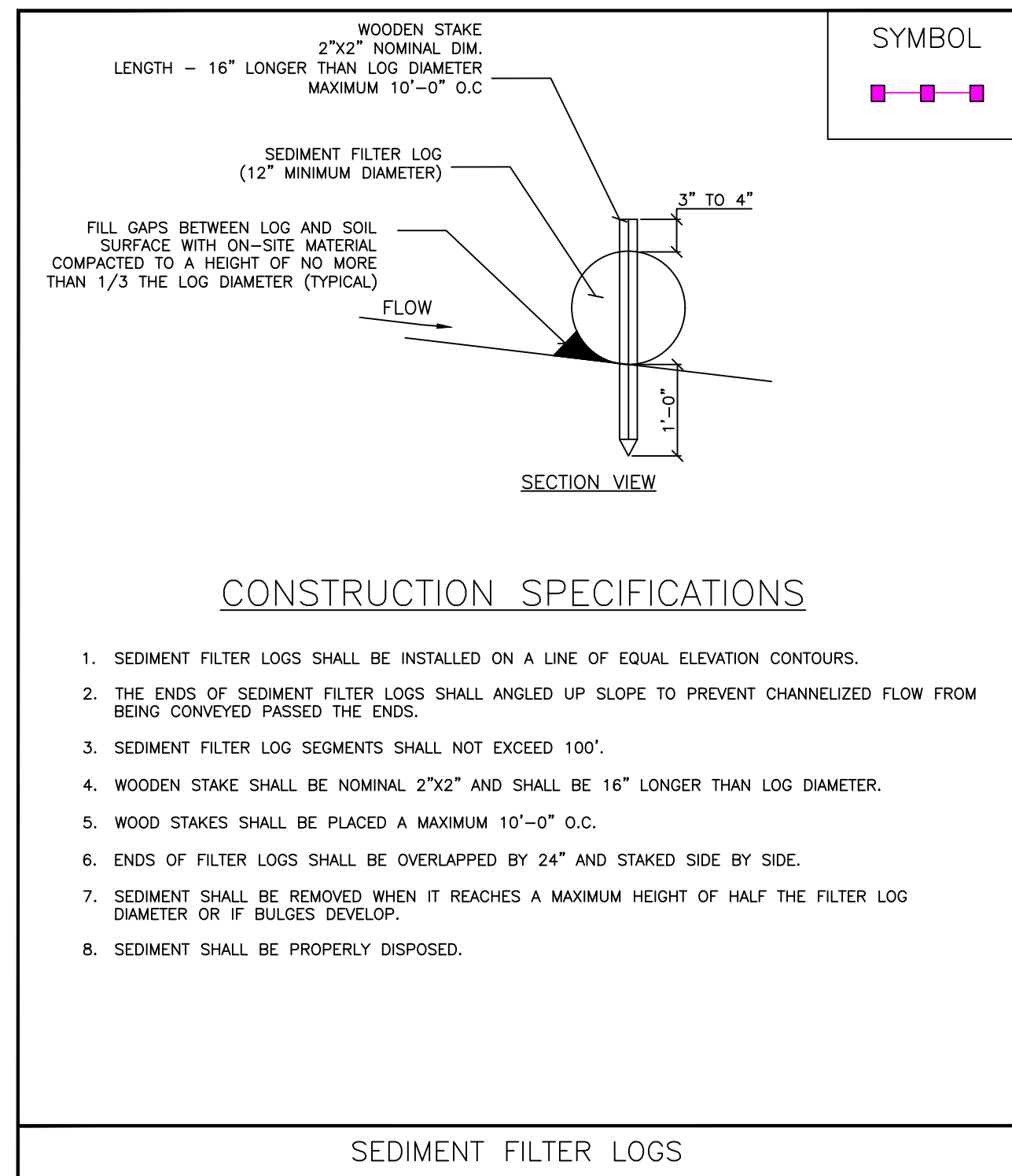
NYSDOT Specification 610.10000015 Landscape Development

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 NYSOT STANDARDS AT THE CONTRACTOR'S EXPENSE.
3. NYSOT 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	GREATER THAN 1,000' NORTH & 1,000' SOUTH



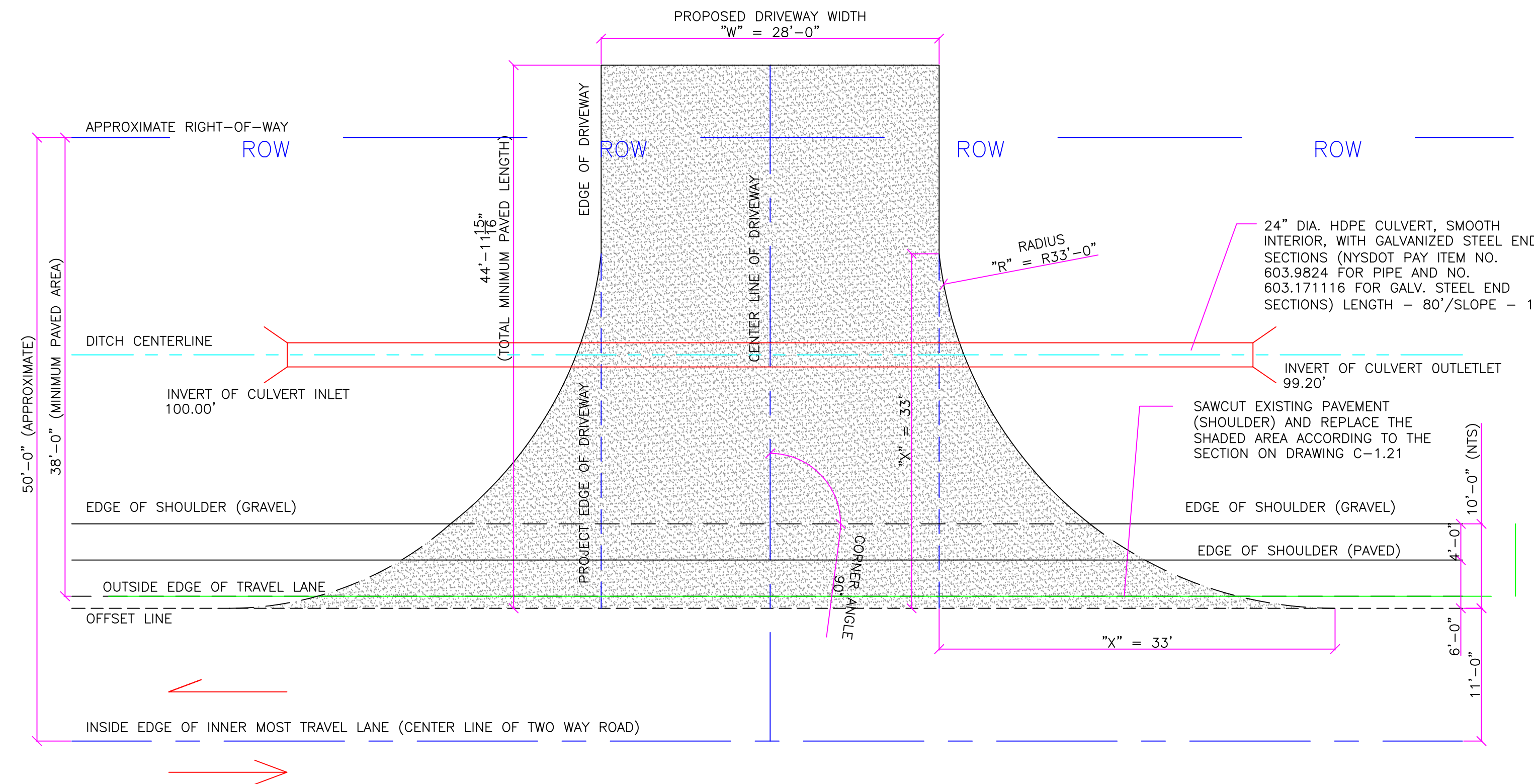
EROSION & SEDIMENTATION CONTROL SEQUENCING SCHEDULE

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.

NOTE: LESS THAN 1/2 ACRE WILL BE DISTURBED FOR THIS PROJECT

Vegetative Requirements

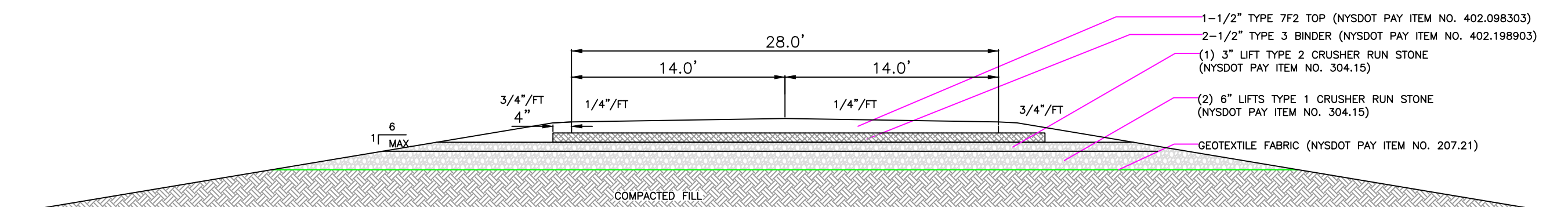
- 1.) Site Preparation
- A. Install needed water & erosion control measures and bring area to be seeded to desired grades using a min. of 4" topsoil.
- B. Prepare seedbed by loosening soil to depth of 4–6 inches.
- C. Lime to a pH of 6.5
- E. Fertilize as per soil test or, if fertilizer must be applied 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 |
| <u>15% fine fescue</u> | <u>0.4–0.6</u> | <u>19–26</u> |
| 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 seedlings, 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 seedlings, 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 (NYS DOT PAY ITEM NO. 640.10)

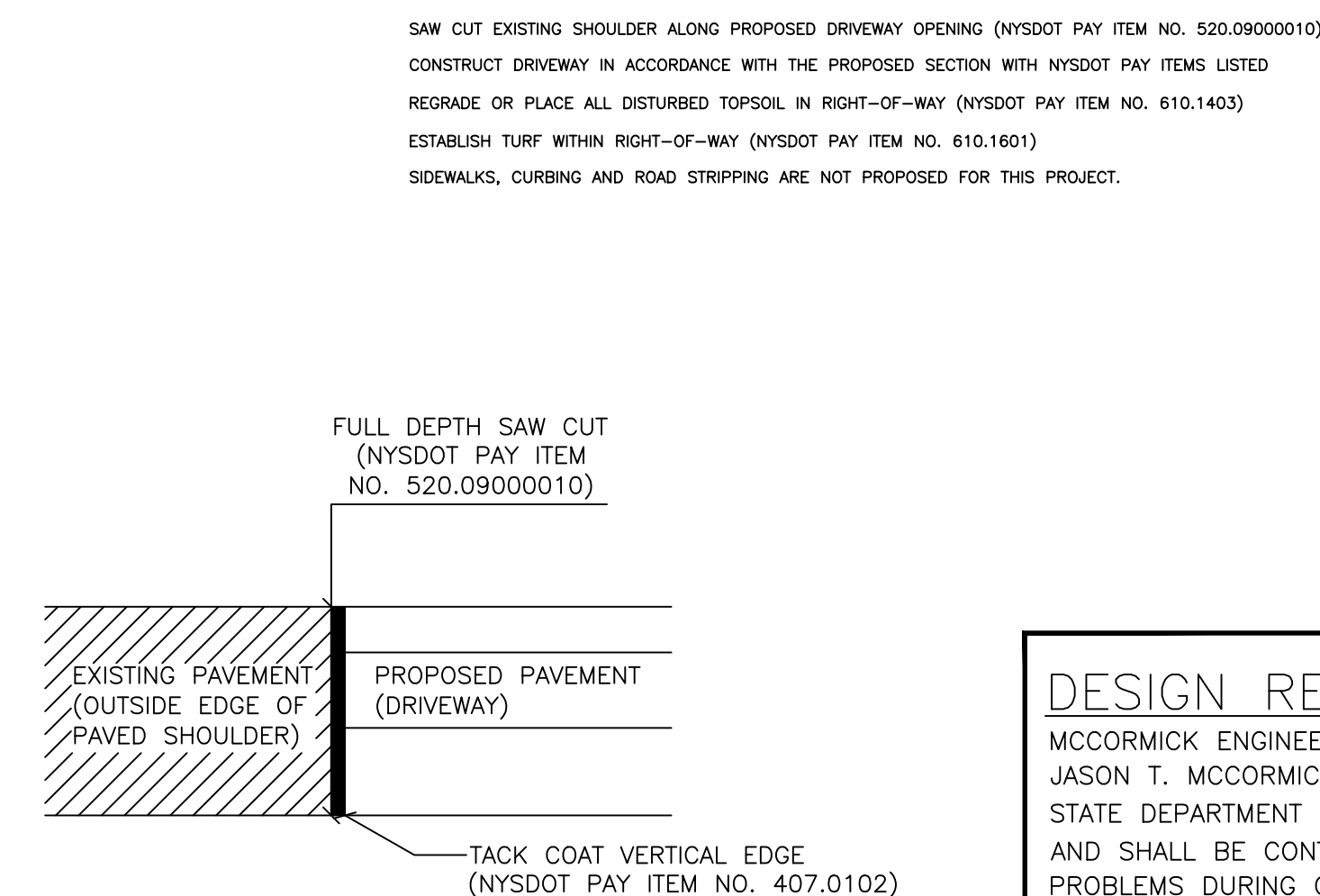
PROPOSED DRIVEWAY DETAIL

SCALE: $1/8" = 1'-0"$



PROPOSED CROSS SECTION

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.

[illegible]