

DIVERSIFIED EQUIPMENT, LLC

NEW LAWN & GARDEN EQUIPMENT REPAIR/RENTAL FACILITY AND
EQUIPMENT STORAGE BUILDING

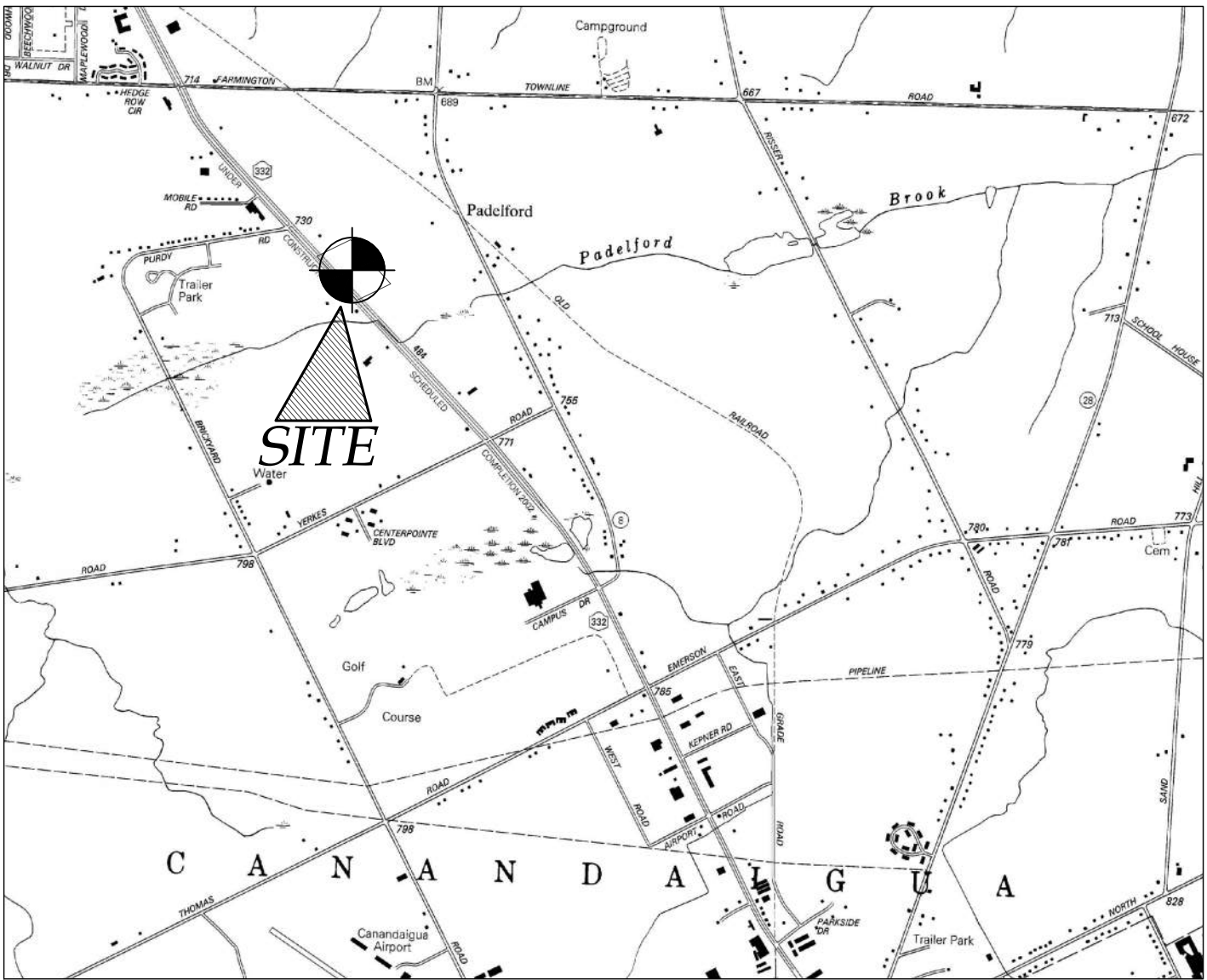
1947 N.Y.S. ROUTE 332
TOWN OF CANANDAIGUA
COUNTY OF ONTARIO
STATE OF NEW YORK
OCTOBER 26, 2022

INDEX:

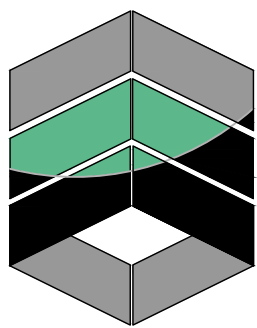
- COVER
- G001 - GENERAL NOTES
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- C502 - NYSDOT DETAILS
- C503 - NYSDOT DETAILS



AERIAL MAP – FOR REFERENCE ONLY
NTS



LOCATION MAP
NTS



MarksEngineering

MARKS ENGINEERING, P.C.
42 BEEMAN STREET
CANANDAIGUA, NY 14424
(585)905-0360
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PREPARED FOR:
DIVERSIFIED EQUIPMENT, LLC
1214 VICTOR ROAD
MACEDON, NY 14502

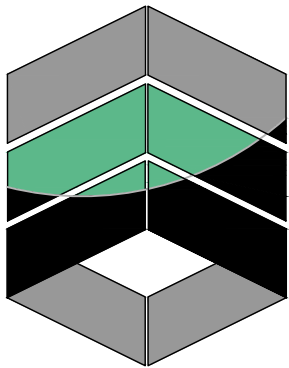
PROPERTY OWNER:
CAFALONE REALTY
5855 TWEED TRAIL
FARMINGTON, NEW YORK 14425

REVISIONS;
PER MRB LETTER DATED 11.18.22 JWJ

DIVERSIFIED EQUIPMENT, LLC
1947 NYS ROUTE 332
TOWN OF CANANDAIGUA
COUNTY OF ONTARIO
NEW YORK

JOB #22-210
10/26/2022


NOT FOR CONSTRUCTION



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MARKS ENGINEERING IS RESPONSIBLE FOR THE DESIGN OF THE PROJECT. BRENNAN MARKS, P.E. IS THE DESIGNER AND IS FAMILIAR WITH NYSDOT STANDARDS AND REQUIREMENTS AND SHALL BE CONTACTED AT (585) 905-0360 TO RESOLVE ISSUES OR PROBLEMS DURING CONSTRUCTION. ALL REVISIONS, INCLUDING REVISIONS NECESSARY DUE TO FIELD CONDITIONS, SHALL BE APPROVED BY THE NYSDOT.

SITE NOTES:

1. EXISTING ZONING: COMMUNITY COMMERCIAL
2. TOTAL PROJECT AREA IS ± 7.49 ACRES.
3. PROPOSED USE: LAWN AND GARDEN EQUIPMENT SHOP
4. APPLICABLE DEVELOPMENT STANDARDS PROPOSED ARE AS FOLLOWS:

	REQUIRED	PROPOSED
MAX. BLDG COVERAGE ON LOT	35%	3.3%
MAX. PRINCIPAL USE BLDG HEIGHT	35'	<35'
MIN. LOT WIDTH	175'	± 845'
MIN. LOT SIZE	1 AC	± 7.49 AC

SETBACKS:		
FRONT	150'	±166'
SIDE	20'	±242'
REAR	40'	±106'

5. PLANS ARE GRAPHIC REPRESENTATIONS OF WORK TO BE PERFORMED. THESE PLANS ARE INTENDED TO CONVEY ENGINEERING INFORMATION ONLY.
6. ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF CANANDAIGUA AND THE APPROPRIATE ONTARIO COUNTY AND NEW YORK STATE AGENCIES, UNLESS OTHERWISE NOTED.
7. ALL SPECIFIED MATERIALS ARE TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATION OR INDUSTRY STANDARD
8. ANY SYSTEM MODIFICATION OR DEVIATION FROM APPROVED PLANS, NYS BUILDING CODES, AND/OR LOCAL REGULATIONS WILL BE DONE AT THE RISK OF THE CLIENT.
9. GOODS DISPLAYED SHALL ONLY BE ALLOWED UNDER THE COVER OF THE BUILDING ROOF AND ONLY DURING WORKING HOURS.

UTILITY NOTES:

1. THE SETBACK LINES AND NOTES RELATING TO SETBACK SHOWN HEREON ARE INTENDED TO SHOW APPLICABLE ZONING REQUIREMENTS OF THE TOWN OF CANANDAIGUA AS OF THE DATE OF THIS MAP AND ARE NOT INTENDED TO IMPOSE ANY ADDITIONAL RESTRICTIONS OTHER THAN SAID ZONING REQUIREMENTS.
2. BUILDINGS SHOWN ON THIS PLAN ARE GRAPHICAL REPRESENTATIONS ONLY.
3. ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF CANANDAIGUA, THE APPROPRIATE AGENCIES (TOWN OF CANANDAIGUA WATER AND SEWER DEPARTMENT & NYSDDOT) UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS IN THE AREAS OF CONSTRUCTION.
5. EXISTING UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM FIELD LOCATIONS AND/OR UTILITY COMPANY RECORD PLANS. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CALL THE UPO HOTLINE AT 1(800)962-7962 FOR STAKE-OUT OF EXISTING UTILITIES.
6. THE CONTRACTOR SHALL DETERMINE EXACT LOCATION AND ELEVATION OF UNDERGROUND UTILITIES BEFORE COMMENCING CONSTRUCTION. CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS TO LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS.
7. HIGHWAY DRAINAGE ALONG NYS ROUTE 332 TO BE MAINTAINED.

WATER NOTES:

8. WATER SERVICES AND APPURTENANCES TO BE CONSTRUCTED TO THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF CANANDAIGUA WATER DEPARTMENT.
9. WATER METER(S) ARE TO BE LOCATED ON THE INTERIOR OF EXTERIOR WALL(S) IMMEDIATELY UPON SERVICE ENTRANCE INTO THE BUILDING. ON METERED SERVICES REQUIRING A 14 INCH OR LARGER METER, A BY-PASS AROUND THE METER IS REQUIRED.
10. ALL WATER SERVICES SHALL HAVE MINIMUM 6' OF COVER FROM THE TOP OF THE SERVICE TO FINISHED GRADE. THE CONTRACTOR SHALL CHECK ALL CUT STAKES BEFORE TRENCHING TO INSURE THAT ALL INSTALLED WATER SERVICES WILL HAVE REQUIRED COVER.

SANITARY WASTEWATER TREATMENT NOTES:

11. LEACH LINES SHALL NOT CROSS WATER OR GAS LINES.
12. ALL NON-WASTEWATER FLOWS ARE TO BE DIVERTED AWAY FROM THE SEPTIC SYSTEM.
13. RISER TO GRADE REQUIRED IF THE DIFFERENCE BETWEEN THE FINISHED GRADE AND TOP OF SEPTIC TANK EXCEEDS 12".

STORM SEWER NOTES:

14. STORM SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED ACCORDING TO THE TOWN OF CANANDAIGUA SPECIFICATIONS.
15. STORM SEWER PIPE SHALL BE HOPE OR AS NOTED ON THE PLAN.

GRADING NOTES:

1. CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS IN THE AREAS OF CONSTRUCTION.
2. SEPTIC TANK EFFLUENT SHALL NOT INFILTRATE OR DISCHARGE TO THE STATE HIGHWAY DRAINAGE DITCH.
3. NO CUT OR FILL SHALL BE MADE IN THE AREA OF THE LEACH FIELDS.
4. SITE SHALL BE GRADED SUCH THAT THERE IS POSITIVE DRAINAGE AT A MINIMUM OF 2% AWAY FROM ANY BUILDINGS, STRUCTURES, DRIVEWAYS, AND SEPTIC SYSTEM.
5. TOPSOIL SHALL BE STRIPED OF AREAS PLANNED FOR CONSTRUCTION AND REAPPLIED AFTER GRADING IS FINISHED. ANY UNUSED TOPSOIL SHALL BE HAULED OFF SITE.
6. FILL MATERIAL PLACED IN THE PAVEMENT AND BUILDING AREA SHALL BE SELECT MATERIAL AND COMPACTED TO 95% MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM D-1557).

PHOSPHOROUS NOTES:

1. NO PHOSPHOROUS SHALL BE USED AT PLANTING TIME UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND THE SOIL TESTS SPECIFICALLY INDICATE A PHOSPHOROUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWNS AND PLANTINGS FROM ESTABLISHING PROPERLY.
2. 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.

SEQUENCE OF CONSTRUCTION STEPS:

STEP 1:

- INSTALL AND MAINTAIN STABILIZED CONSTRUCTION ENTRANCE(S) AND CONSTRUCTION STAGING AREA (SEE DETAIL).
- CLEAR AND GRUB AS REQUIRED FOR SILT FENCE INSTALLATION.
- INSTALL AND MAINTAIN PERIMETER SILT FENCE.
- COMPLETE CLEARING AND GRUBBING OPERATIONS AS NECESSARY OR PROVIDE BRUSH HOGGING OF LANDS TO MAINTAIN GROUND COVER.

STEP 2:

- STRIP AND STOCKPILE TOPSOIL: TOPSOIL TO BE STRIPPED FROM ALL PROPOSED PAVEMENT AND BUILDING AREAS AND STOCKPILED IN DESIGNATED AREA. INSTALL SILT FENCE AROUND PERIMETER OF TOPSOIL PILE AND SEED WITH TEMPORARY SEEDING MIX. MULCH IS REQUIRED BETWEEN NOVEMBER 15TH AND APRIL 1ST.
- CONSTRUCT STORMWATER MANAGEMENT FACILITY, INCLUDING OUTLET STRUCTURE, BERM AND SPILLWAY.
- COMMENCE MASS GRADING OPERATIONS. COMPLETE REQUIRED CUTS AND FILLS. SWALES TO BE STABILIZED WITHIN 2 DAYS OF COMPLETION. MEASURES ARE TO BE MAINTAINED BY THE CONTRACTOR UNTIL GROUND COVER HAS BEEN ESTABLISHED.
- CONTRACTOR MAY INSTALL UTILITIES DURING GRADING OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STABILIZE THE SITE AND VERIFY GRADING ELEVATIONS PRIOR TO UTILITY CONSTRUCTION.
- COMPLETE EARTHWORK, INCLUDING FINE GRADINGS OF SLOPES. SLOPES TO BE REPLACED WITH A MINIMUM 6" OF TOPSOIL, MULCHED AND SEEDED WITHIN 2 DAYS OF COMPLETION. SILT FENCE TO BE INSTALLED AT TOE OF SLOPE (IF APPLICABLE).
- COMPLETE INSTALLATION OF UNDERGROUND UTILITIES AND PAVEMENT/DRIVEWAY. RESTORE AND RE-SEED RIGHT-OF-WAY AREAS AS NEEDED. INSTALL PAVEMENT DISSECTION ONCE THE BINDER ASPHALT IS INSTALLED.
- INSTALL CONCRETE TRUCK WASHOUT PRIOR TO CONCRETE POURING ACTIVITIES (SEE DETAIL).
- INSTALL PAVEMENT/DRIVEWAY WITH EROSION CONTROL MEASURES AS NECESSARY TO MINIMIZE SILT DISTRIBUTION ON EXISTING AND CONSTRUCTED ROADWAYS.

STEP 3:

- SEED AND MULCH ALL DISTURBED AREAS AS REQUIRED BY GP-0-20-001. SEED WITH A SEED MIX AS INDICATED IN CONSTRUCTION EROSION CONTROL NOTES, AND MULCH.
- FROM NOVEMBER 15TH TO APRIL 1ST, IF STRAW MULCH ALONE IS USED FOR TEMPORARY STABILIZATION, IT SHALL BE APPLIED AT DOUBLE THE STANDARD RATE OF 2 TONS PER ACRE, MAKING THE APPLICATION RATE 4 TONS PER ACRE.
- MONITOR STORMWATER MANAGEMENT FACILITY DURING CONSTRUCTION OPERATIONS FOR SILT ACCUMULATION. CONTRACTOR TO CLEAN AS NECESSARY.
- MAINTAIN PERIMETER SILT FENCE UNTIL THE ADJACENT SOILS HAVE ACHIEVED 80% STABILIZATION.
- SEE CONSTRUCTION EROSION CONTROL NOTES FOR REQUIRED SEED MIXES AND TEMPORARY/WINTER STABILIZATION METHODOLOGY.
- DUST SHALL BE CONTROLLED DURING CONSTRUCTION BY THE CONTRACTOR TO MINIMIZE EFFECT ON THE ADJACENT PROPERTIES. THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS NEEDED AND/OR AS DIRECTED BY THE TOWN ENGINEER OR OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE EXISTING ROADWAYS, PAVED AREAS, AND CHANNELS FREE OF MUD, DIRT, AND DEBRIS. THE CONTRACTOR WILL CLEAN THESE AREAS AS NECESSARY OR AS REQUIRED BY THE OWNER OR TOWN OF CANANDAIGUA.

CONSTRUCTION EROSION CONTROL NOTES:

APPROXIMATE DISTURBANCE LIMITS = +/- 4.2 AC

1. THE CONSTRUCTION ACTIVITIES FOR THIS PROJECT REQUIRE THE PREPARATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) THAT CONSISTS OF THE STORMWATER MANAGEMENT REPORT, THE PROJECT PLANS, INCLUDING THE GRADING, CONSTRUCTION EROSION CONTROL PLAN AND DETAIL SHEET, AND THE TOWN OF CANANDAIGUA DESIGN AND CONSTRUCTION SPECIFICATIONS REGARDING STORMWATER CONTROL. THE SWPPP FOR THIS PROJECT ARE INTENDED TO CONFORM WITH THE NYSDEC GENERAL PERMIT GP-0-20-001 AND THE REQUIREMENTS OF LOCAL AND NYSDEC AUTHORITIES.
2. THE OWNER IS RESPONSIBLE FOR IMPLEMENTING THE REQUIRED SWPPP. THE OWNER'S CONTRACTOR, SUB-CONTRACTOR AND ALL OTHERS ASSOCIATED WITH THE IMPLEMENTATION OF THE PLAN SHALL BE FAMILIAR WITH THE PLAN AND THE CONDITIONS OF THE NYSDEC GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.

3. FOR SITES WHERE SOIL DISTURBANCE ACTIVITIES HAVE BEEN TEMPORARILY SUSPENDED (E.G. WINTER SHUTDOWN) STABILIZATION MEASURES SHOULD BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 14 DAYS (7 DAYS IF OVER 5 ACRES OF DISTURBANCE OR THREE DAYS BETWEEN NOVEMBER 15TH AND APRIL 1ST.

4. THE OWNER'S CONTRACTOR/REPRESENTATIVE SHALL IDENTIFY AT LEAST ONE INDIVIDUAL TO BE TRAINED FROM THEIR COMPANY THAT WILL BE RESPONSIBLE FOR IMPLEMENTATION OF THE SWPPP. THE INDIVIDUAL MUST RECEIVE (4) HOURS OF NYSDEC TRAINING EVERY (3) YEARS. THE OWNER/OPERATOR SHALL ENSURE THAT AT LEAST ONE OF THE TRAINED INDIVIDUALS IS ON SITE ON A DAILY BASIS WHEN SOIL DISTURBANCE ACTIVITIES ARE BEING PERFORMED.

5. FOR DISTURBANCES LESS THAN 5 ACRES, DISTURBED AREAS EXPOSED FOR 14 DAYS OR MORE MUST BE TEMPORARILY SEEDED. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY GROUND COVER, THE DISTURBED AREAS SHALL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL. ADDITIONAL TIME FRAMES FOR STABILIZATION ARE SUBJECT TO THE REQUIREMENTS OF A REGULATED TRADITIONAL LAND USE MS4.

6. THE OWNER'S CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, CLEANING, REPAIR AND REPLACEMENT OF EROSION CONTROL MEASURES DURING SITE CONSTRUCTION.

7. ALL DISTURBED AREAS TO BE RECLAIMED WITH A MINIMUM OF 6" TOPSOIL.

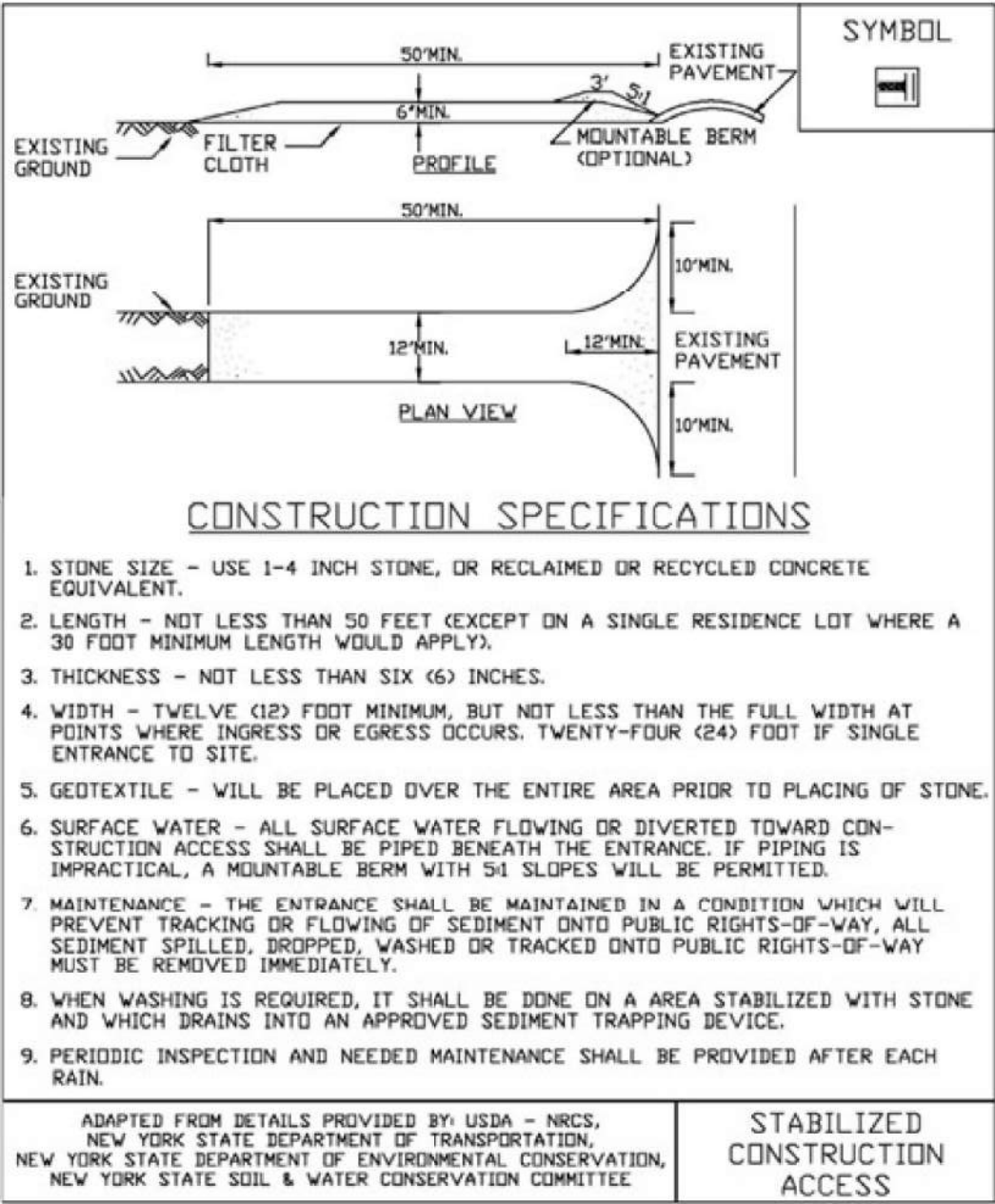
8. SEED ALL AREAS NOT PAVED, PLANTED OR SPECIFIED OTHERWISE WITH LAWN SEED.
- A. LAWN SEED MIXTURE SHALL BE PROVIDED AS FOLLOWS.
- | | | | | | |
|---------------------------------------|-------------|-----------|----|----|----|
| % BY WEIGHT | % BY PURITY | % BY GERM | | | |
| 'REPELL', 'CITATION' & 'MORNING STAR' | | | 40 | 85 | 85 |
| PERENNIAL RYE GRASS | | | | | |
| 'JAMESTOWN II', 'FORTRESS', 'ENSYLVA' | | | 20 | 97 | 80 |
| RED FESCUE | | | | | |
| 'BARON' & 'MIDNIGHT' | | | 40 | 85 | 80 |
| KENTUCKY BLUEGRASS | | | | | |

- SEEDING RATE: 6.0 LBS PER 1,000 SF.
- STRAW AT TWO TONS PER ACRE, OR WOOD FIBER MULCH USED WITH A HYDROSEEDING APPLICATION METHOD, WITH TACKIFIER.
- STARTING FERTILIZER: 5:0:10 AT 20 LBS PER 1,000 SF.

9. ALL SEEDED AREAS ARE TO BE MONITORED FOR GERMINATION AND EROSION. ERODED AREAS ARE TO BE BACKFILLED, FINE GRADED AND RE-SEEDED. AREAS THAT FAIL TO GERMINATE A MINIMUM OF 80% SHALL BE RE-SEEDED.

10. ANY EXCAVATIONS THAT MUST BE DEWATERED SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE BEFORE ENTERING AN ACTIVE DRAINAGE SYSTEM OR DISPERSED TO AN UNDISTURBED AREA.

Figure 2.1
Stabilized Construction Access

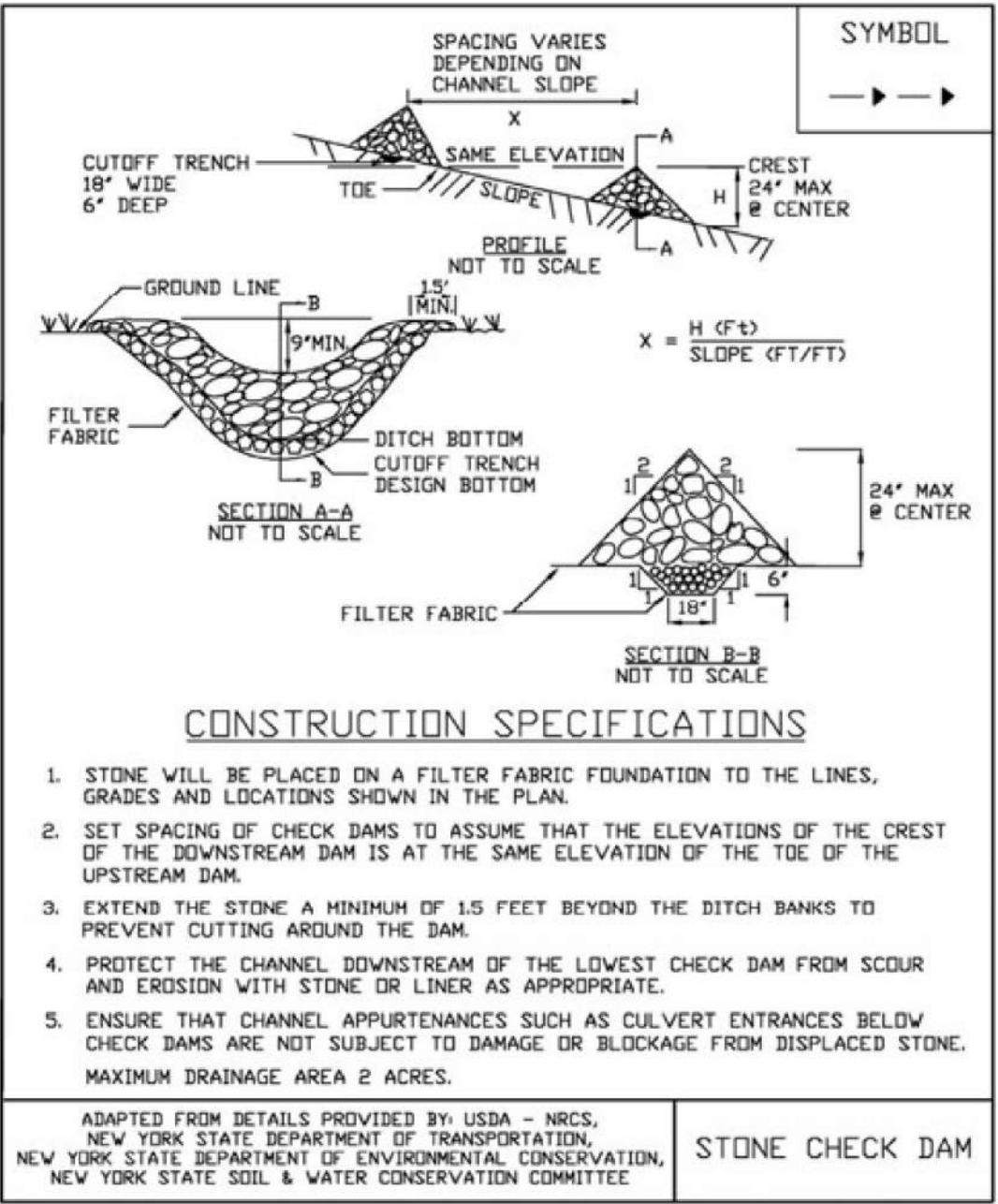


New York State Standards and Specifications
For Erosion and Sediment Control

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Figure 3.1
Stone Check Dam Detail

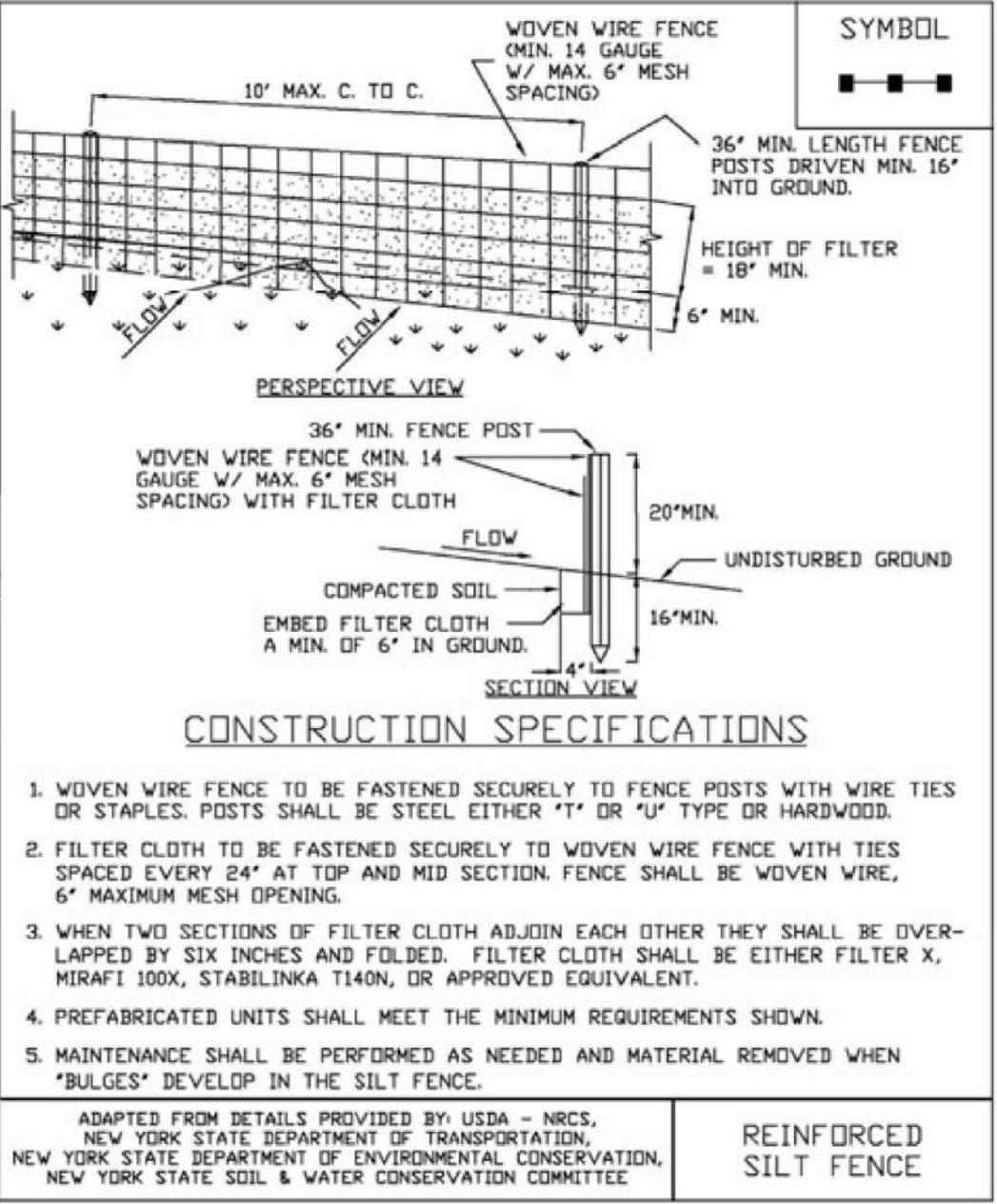


New York State Standards and Specifications
For Erosion and Sediment Control

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Figure 5.30
Reinforced Silt Fence



November 2016
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New York State Standards and Specifications
For Erosion and Sediment Control

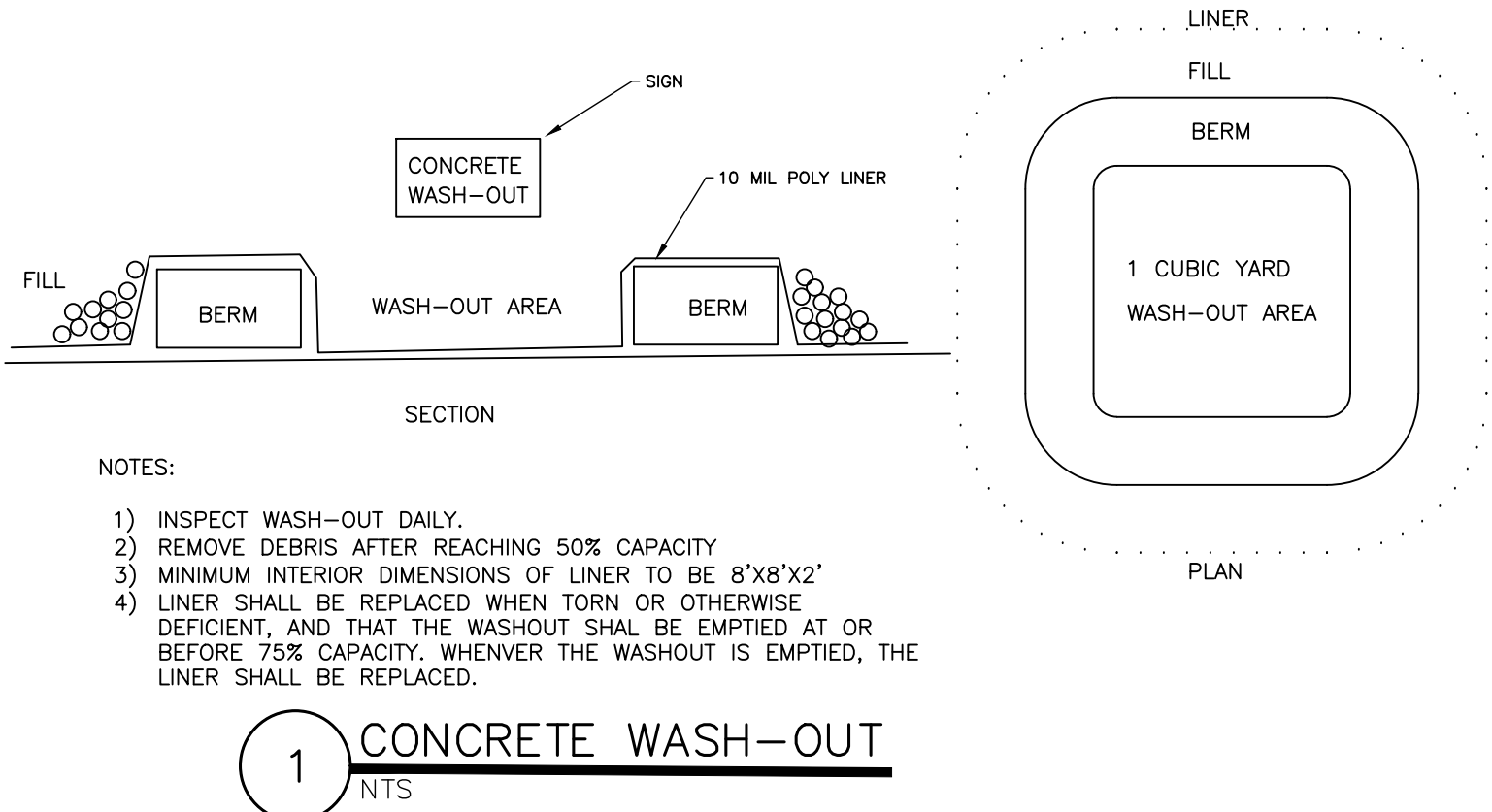


Table 4.6
Soil Restoration Requirements

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
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".

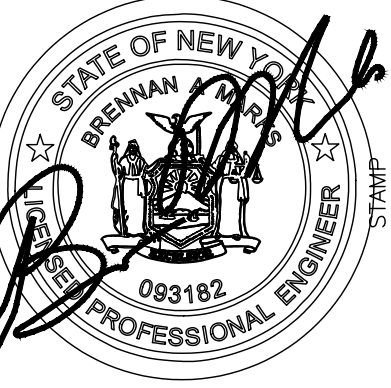
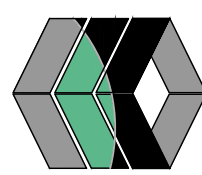
New York State Standards and Specifications
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November 2016

NOT FOR CONSTRUCTION

MarksEngineering



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STAMP

NO.	DATE	REVISIONS	DESCRIPTION OF REVISION	BY
1	12/6/22		PER WRB LETTER DATED 11.18.22	JWJ

NEW COMMERCIAL SITE PLANS PREPARED FOR:
DIVERSIFIED EQUIPMENT, LLC
NEW LAWN & GARDEN EQUIPMENT REPAIR/RENTAL FACILITY AND EQUIPMENT STORAGE BUILDING
SHOWING LAND IN:
1947 STATE ROUTE 332
TOWN OF CANANDAIGUA

STATE OF NEW YORK

COUNTY OF ONTARIO

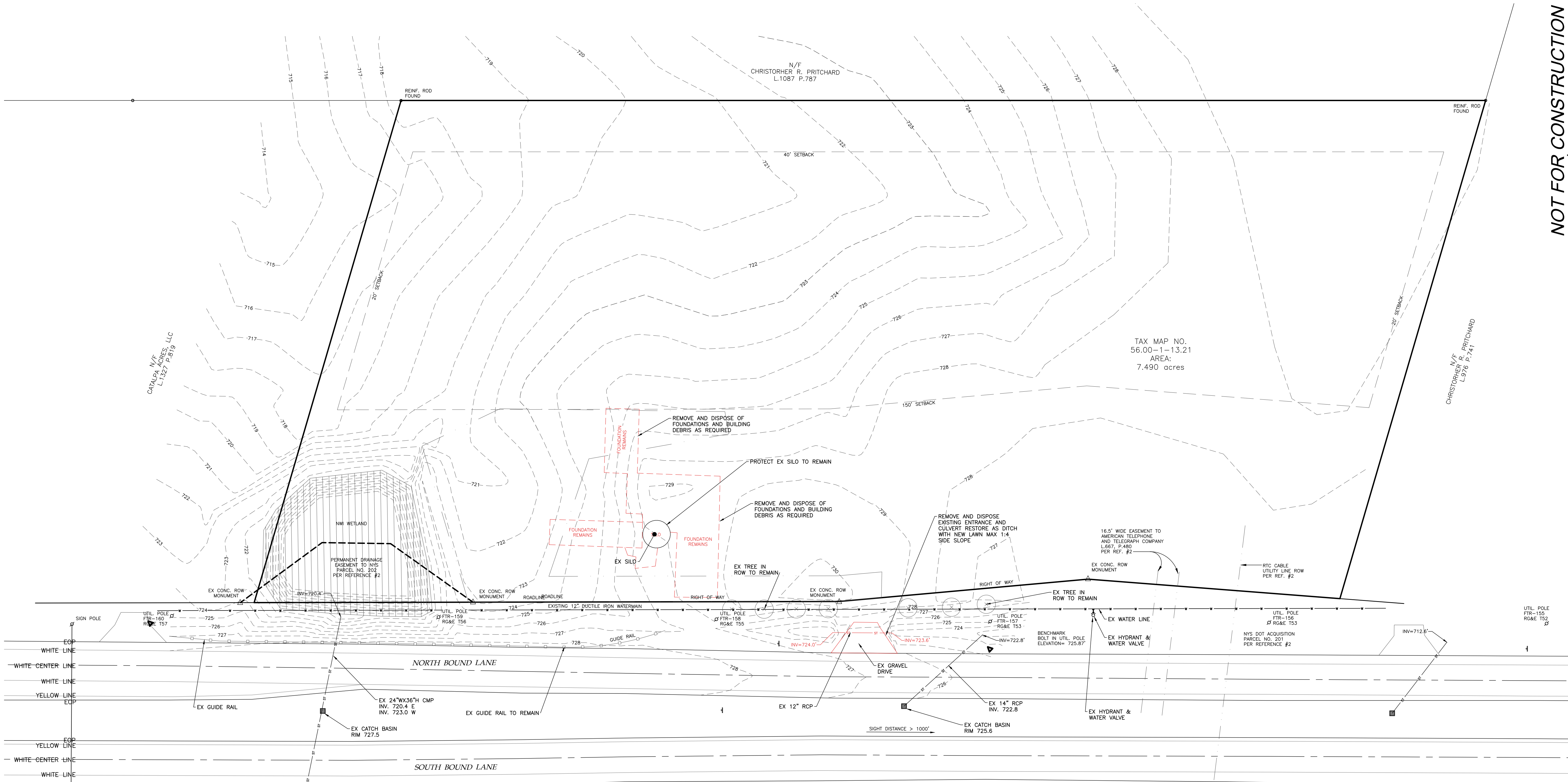
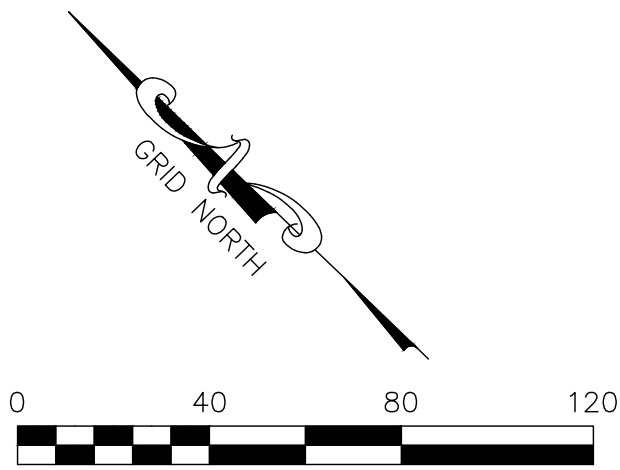
DRAWING TITLE:
SITE NOTES

DRAWN BY:	JWJ
DESIGNED BY:	JWJ
CHECKED BY:	BAM
SCALE:	1"=40'
JOB NO.:	22-210
DATE:	10/26/2022
TAX MAP#:	56.00-1-13.21

G001

REFERENCES & NOTES

1. FILED MAP: 15442
2. DEED: L.1058 P.71
3. VERTICAL DATUM: NAVD 88 GEOID 12B
4. HORIZONTAL DATUM: NAD83 NEW YORK CENTRAL
5. N.Y.S. DOT ACQUISITION MAPS, CANANDAIGUA-VICTOR ROAD, S.H. NO. 484, MAP NO.156, PARCELS 201 & 202
6. TOPOGRAPHIC SURVEY COMPLETED BY MARKS ENGINEERING, P.C. ON 02/12/2020



LEGEND

● Iron pin or pipe found	EXISTING <i>el/ec</i>	PROPOSED <i>E/T</i>	Utility Lines
⊙ Benchmark	— RADIUS	— RADIUS	ROW line
○ Utility pole	— PROPERTY LINE	— PROPERTY LINE	Property line
● Hydrant	— EASEMENT LINE	— EASEMENT LINE	Easement line
● Light pole	— CENTERLINE	— CENTERLINE	Centerline
PERC TEST	— DRAINAGE	— DRAINAGE	Drainage
DEEP HOLE	— FENCE LINE	— FENCE LINE	Fence Line
	— CONTOUR LINE	— CONTOUR LINE	Contour Line

ABBREVIATIONS:
EX-EXISTING
OP-CORRUGATED POLYETHYLENE PIPE
O.C.-ON CENTER
SCIPP-SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE
UG-UNDERGROUND
CONC-CONCRETE

CO -CLEAN OUT
TYP-TYPICAL
R-RADIUS
BC-BOTTOM OF CURB
TC-TOP OF CURB
TW-TOP OF WALL
BW-BOTTOM OF WALL
BS-BOTTOM OF STAIRS

PERF-PERFORATED
MIN-MINIMUM
MAX-MAXIMUM
INV-INVERT
CB-CATCH BASIN
MH-MANHOLE
DI-DRAINAGE INLET

N.Y.S.

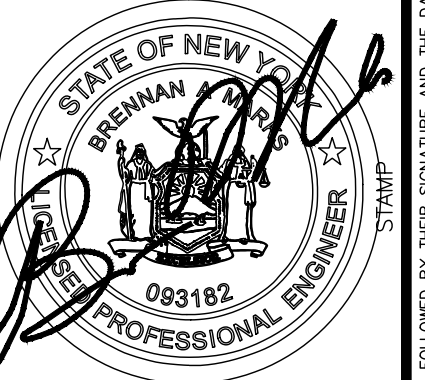
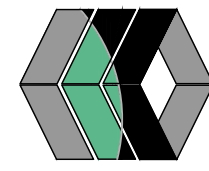
(RIGHT OF WAY VARIES)

ROUTE 332

1 EXISTING CONDITIONS
1"=40'

NOT FOR CONSTRUCTION

MarksEngineering



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REVISIONS		BY
NO.	DATE	DESCRIPTION OF REVISION
1	12/6/22	PER WRB LETTER DATED 11.18.22 JWJ

NEW COMMERCIAL SITE PLANS PREPARED FOR:
DIVERSIFIED EQUIPMENT, LLC
NEW LAWN & GARDEN EQUIPMENT REPAIR/RENTAL FACILITY AND EQUIPMENT STORAGE BUILDING
SHOWING LAND IN:
1947 STATE ROUTE 332
TOWN OF CANANDAIGUA
COUNTY OF ONTARIO
STATE OF NEW YORK

DRAWING TITLE: EXISTING PLAN	
DRAWN BY:	JWJ
DESIGNED BY:	JWJ
CHECKED BY:	BAM
SCALE:	1"=40'
JOB NO.:	22-210
DATE:	10/26/2022
TAX MAP#:	56.00-1-13.21

EX100

WASTEWATER TREATMENT SYSTEM DESIGN TABLE AND NOTES						
DESIGN PERC. RATE (MIN.)	SYSTEM DESIGN FLOW (GPD)	SEPTIC TANK (GAL.)	LF TILE REQUIRED (FT)	LENGTH OF LATERALS (FT)	No. OF LATERALS	LF TILE PROVIDED (FT)
46-60 MIN/INCH	75 GPD	1,000	188	60	10	240

INVERT @ BUILDING	SEPTIC TANK		DISTRIBUTION BOX		INVERT IN @ BEGINNING OF LEACH LINE*	LENGTH OF LEACH LINE	PIPE DROP ACROSS SYSTEM
	IN	OUT	IN	OUT			
723.5	723.3	723.1	721.8	721.6	① 721.5	60'	-0.2
	OIL/WATER SEPARATOR				② 721.0	60'	-0.2
	IN	OUT			③ 720.5	60'	-0.2
	723.7	723.5			④ 720.0	60'	-0.2

SOIL DATA		
DEEP HOLE RESULTS		
TEST PIT SYMBOL -	PERCOLATION TESTS - SYMBOL -	
0-6" TOPSOIL	1	26, 48, 49, 50 MIN
6-48" RED CLAY	2	20, 45, 52, 54 MIN

- PERCOLATION HOLES 12" DEEP
- PERCOLATION HOLES CONDUCTED BY B.MARKS ON 3/12/20
- DEEP HOLE OBSERVATION CONDUCTED BY B.MARKS ON 3/12/20
- NO BEDROCK, NO SEEPAGE, NO MOTTLING.

WASTEWATER TREATMENT BASIS OF DESIGN:

NYS DEC DESIGN STANDARDS FOR INTERMEDIATE SIZE WASTEWATER TREATMENT SYSTEMS

TABLE B-2 - SEPARATION DISTANCE
TABLE B-3 - OFFICE BUILDING

ALL MINIMUMS MET
15 GPD/PER EMPLOYEE
MAX EMPLOYEE - 5
MAX DESIGN FLOW (Q) = 75 GPD

CHAPTER "E" - STANDARD SUB-SURFACE TREATMENT AND DISPOSAL VIA CONVENTIONAL SOIL BASED TREATMENT SYSTEM.
TABLE E-1 - APPLICATION RATE

0.2 GAL/SF/DAY
(Q)/0.2 GAL/SF/DAY= 375 SF
375 SF DISPERSAL REQ'D
375 SF / 2 SF PER FOOT OF TRENCH = 188 LF
188 LF OF LEACH REQUIRED.

PROPOSED TREATMENT METHOD:
PROPOSED RAISED FILL SYSTEM WITH 240 FEET OF LINEAR FEET OF LOW PROFILE CHAMBERS FOR TREATMENT & DISPERSAL WHERE 188 FEET IS REQUIRED.

SEPTIC SPECIFICATION LEGEND:

ALL STRUCTURES, PIPING AND OTHER COMPONENTS TO COMPLY WITH THE NYSDEC DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTE WATER TREATMENT SYSTEM REQUIREMENTS

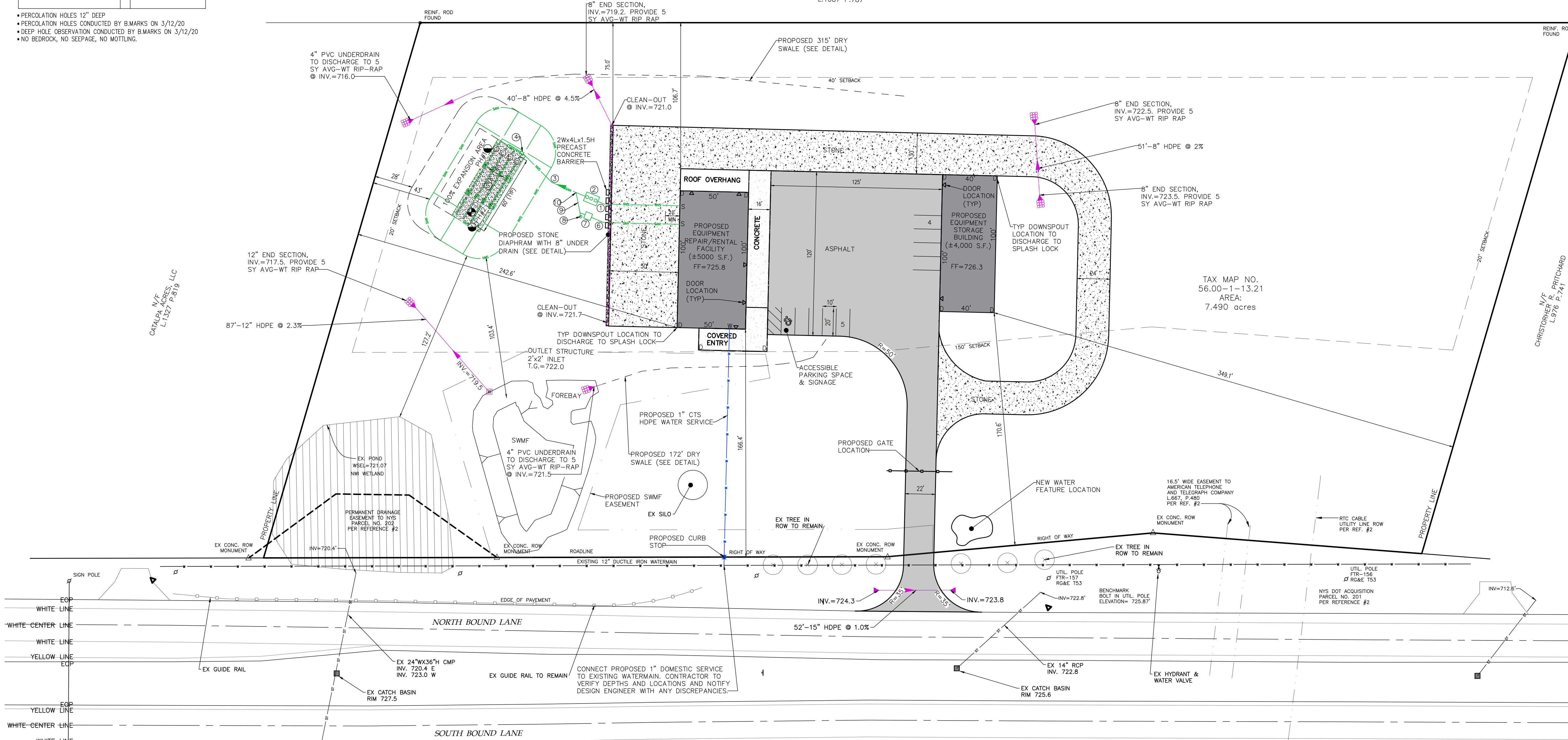
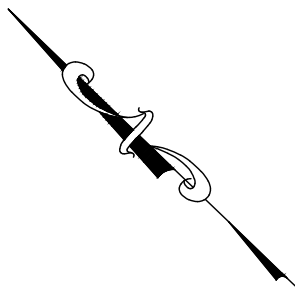
- BUILDING TO SEPTIC TANK - 60'-4" SCH. 40 PVC @ 1/4" PER FT. MINIMUM, INSTALLED ON A COMPACTED 4" CRUSHED STONE OR SAND BASE.
- SEPTIC TANK SHALL BE A KISTNER PRODUCTS CONCRETE TANK OR EQUAL. THE TANK SHALL BE DUAL COMPARTMENT WITH A CAPACITY OF 1250 GALLONS WITH A MINIMUM LIQUID SURFACE AREA OF 34 SQ. FT. FOR THE WWTS DESIGN FOR THE PROPOSED SITE.
- SEPTIC TANK TO DISTRIBUTION BOX - 102'-4" SCH. 40 PVC AND LAID @ 1/8" PER FT. MINIMUM, INSTALLED ON A COMPACTED 4" CRUSHED STONE OR SAND BASE.
- DISTRIBUTION BOX SHALL BE A 8 OUTLET MINIMUM, KISTNER PRECAST CONCRETE BOX OR EQUAL AND INSTALLED PER DETAIL. HEADER PIPES FROM THE DISTRIBUTION BOX TO PERFORATED DISTRIBUTION LINES SHALL BE SOLID 4" PVC (MINIMUM 3000 LBS CRUSH STRENGTH) @ 1/32" PER FT. MINIMUM. HEADER PIPES SHALL HAVE SLOPE LEVELERS INSTALLED IN THE DISTRIBUTION BOX TO FACILITATE EQUAL DISTRIBUTION OF SEPTIC TANK EFFLUENT.
- PROPOSED RAISED FILL SYSTEM WITH 356" PREFERRED FILL MATERIAL OF SAND OR SANDY LOAM WITH A PERCOLATION RATE OF 5-10 MIN. FILL SHALL BE PLACED WITHIN THE BASAL AREA PLUS MINIMUM 20' TAPER. PLOW EXISTING SOIL PRIOR TO PLACEMENT OF FILL. ENGINEER SHALL INSPECT PRIOR TO AND AFTER FILL IS PLACED. INSTALL NEW LEACH LINES IN FILL MATERIAL. FILL SHALL BE COVERED WITH A MIN 4" TOPSOIL. SEED AND MULCH AND MAINTAIN AS LAWN. LENGTH AND QUANTITY PER WASTEWATER DESIGN TABLE SIZING AND INVERTS.

- BUILDING TO OIL/WATER SEPARATOR - 68'-4" SCH. 40 PVC @ 1/4" PER FT. MINIMUM, INSTALLED ON A COMPACTED 4" CRUSHED STONE OR SAND BASE.
- OIL/WATER SEPARATOR SHALL BE KISTNER PRODUCTS CONCRETE TANK OR EQUAL WITH CAPACITY OF 500 GALLONS.
- PROVIDE CLEANOUT AT INV.=723.55

- OIL/WATER SEPARATOR TO SEPTIC LATERAL - 24'-4" SCH. 40 PVC AND LAID @ 1/4" PER FT MINIMUM, INSTALLED ON A COMPACTED 4" CRUSHED STONE OR SAND BASE.
- CONNECT 4" PVC PIPES AT INV.=723.0

SEPTIC CONSTRUCTION PROCEDURES:

- HEAVY CONSTRUCTION EQUIPMENT SHALL NOT BE ALLOWED WITH IN THE AREA OF THE SYSTEM. THE ORIGINAL SOIL MUST BE LEFT IN PLACE. THE SOIL MUST NOT BE WET DURING WWTS INSTALLATION.
- NO STANDING WATER IN THE WWTS AREA IS ALLOWED.
- EXCAVATED TRENCH MATERIAL MUST BE PLACED ON THE EDGE OF THE TRENCHES AND PUSHED INTO PLACE BY A BULLDOZER OR TRACKED MACHINE WHILE MAINTAINING AT LEAST SIX (6) INCHES OF FILL UNDER THE TRACKS.
- THE ABSORPTION TRENCHES SHALL BE CONSTRUCTED IN THE INSITU MATERIAL.
- THE ENTIRE SURFACE OF THE SYSTEM, SHALL BE PROVIDED / COVERED WITH A MINIMUM OF SIX (6) INCHES OF TOPSOIL MOUND TO ENHANCE RUNOFF FROM THE SYSTEM AND SEED TO GRASS.
- SWALES SHALL BE CONSTRUCTED TO DIVERT SURFACE WATER AROUND THE SYSTEM AND PROVIDE DRAINAGE AWAY FROM THE SYSTEM.



LEGEND

EXISTING *ele* PROPOSED *E/T*

Utility Lines
R.O.W. line
Property line
Easement line
Centerline
Drainage
Fence Line
Contour Line

ABBREVIATIONS:
EX-EXISTING
COP-CORRUGATED POLYETHYLENE PIPE
O.C.-ON CENTER
SICP-SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE
UG-UNDERGROUND
CONC-CONCRETE

CO-CLEAN OUT
TYP-TYPICAL
R-RADIUS
BC-BOTTOM OF CURB
TC-TOP OF CURB
TW-TOP OF WALL
BW-BOTTOM OF WALL
BS-BOTTOM OF STAIRS

PERF-PERFORATED
MIN-MINIMUM
MAX-MAXIMUM
INV-INVERT
CB-CATCH BASIN
MH-MANHOLE
DI-DRAINAGE INLET

Iron pin or pipe found
Benchmark
Utility pole
Hydrant
Light pole

PERC TEST
DEEP HOLE

N.Y.S.

(RIGHT OF WAY VARIES)
ROUTE

332

1 SITE LAYOUT AND UTILITY PLAN
1"=40'

SEE SHEET G001 FOR
SITE & UTILITY NOTES

PLANNING BOARD CHAIRMAN _____ DATE _____

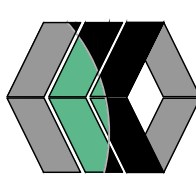
TOWN ENGINEER _____ DATE _____

WATER SUPERINTENDENT _____ DATE _____

NYS HEALTH DEPT. APPROVAL -
ON-SITE WASTEWATER TREATMENT SYSTEMS

NOT FOR CONSTRUCTION

MarksEngineering



42 BEEMAN ST
CANANDAIGUA, NY 14424
www.marksengineering.com bmarks@marksengineering.com
Phone: 585-905-0360
Fax: 585-485-4205

STAMP

NO.	DATE	REVISIONS	DESCRIPTION OF REVISION	BY
1	12/6/22	PER WRB LETTER DATED 11.18.22		JWJ

NEW COMMERCIAL SITE PLANS PREPARED FOR:
DIVERSIFIED EQUIPMENT, LLC
NEW LAWN & GARDEN EQUIPMENT REPAIR/RENTAL FACILITY AND
EQUIPMENT STORAGE BUILDING

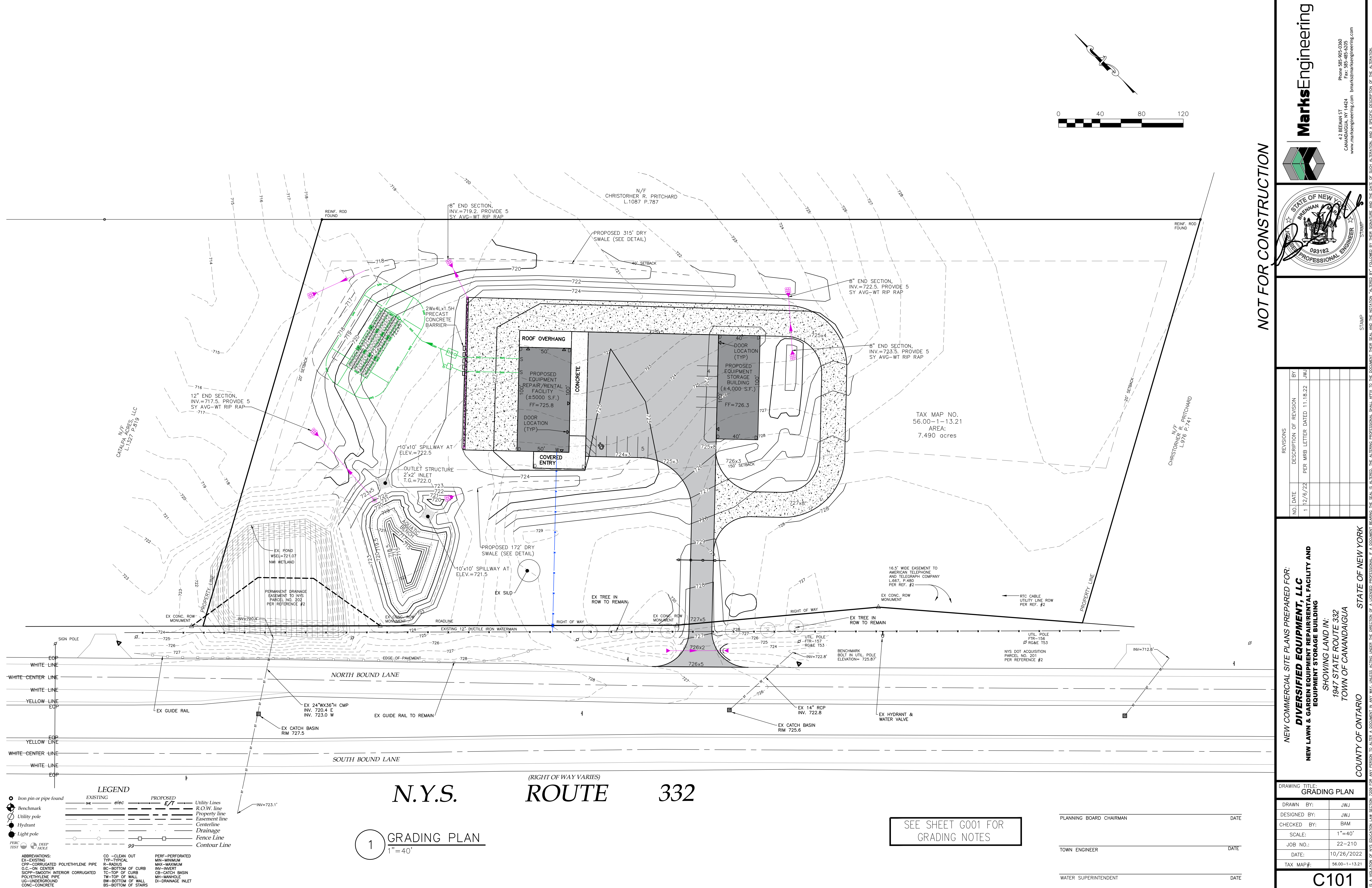
SHOWING LAND IN:
1947 STATE ROUTE 332
TOWN OF CANANDAIGUA

COUNTY OF ONTARIO STATE OF NEW YORK

DRAWING TITLE:
SITE PLAN

DRAWN BY:	JWJ
DESIGNED BY:	JWJ
CHECKED BY:	BAM
SCALE:	1"=40'
JOB NO.:	22-210
DATE:	10/26/2022
TAX MAP#:	56.00-1-13.21

C100



042 BEEMAN ST
CANANDAIGUA, NY 14424
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Fax: 585-485-4205

MARKS ENGINEERING

Professional Engineer
083182
STATE OF NEW YORK

NOT FOR CONSTRUCTION

STAMP

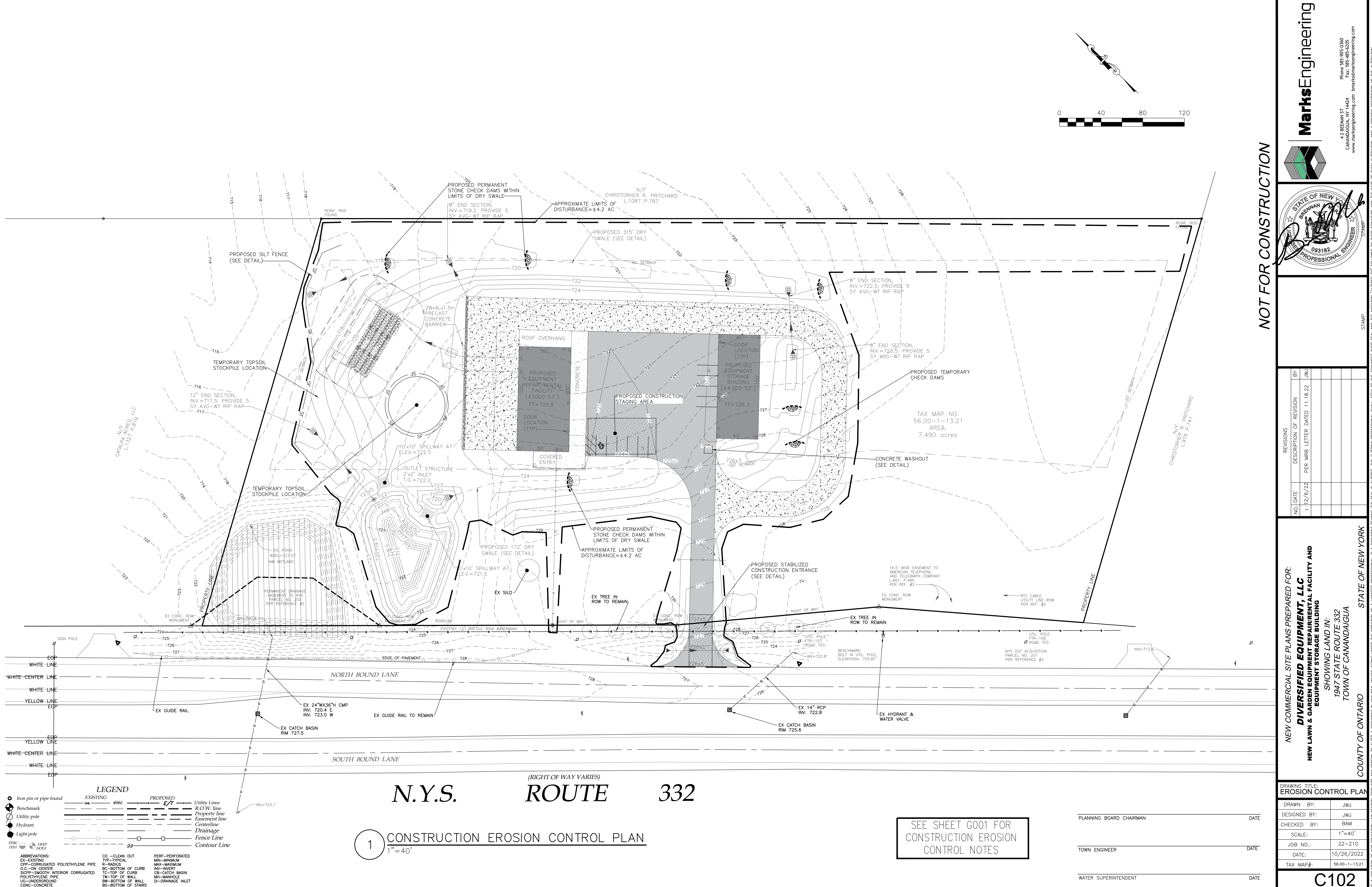
NO.	DATE	REVISIONS	DESCRIPTION OF REVISION	BY
1	12/6/22	PER WRB LETTER DATED 11.18.22	JWJ	

NEW COMMERCIAL SITE PLANS PREPARED FOR:
DIVERSIFIED EQUIPMENT, LLC
NEW LAWN & GARDEN EQUIPMENT REPAIR FACILITY AND
EQUIPMENT STORAGE BUILDING
SHOWING LAND IN:
1947 STATE ROUTE 332
TOWN OF CANANDAIGUA
COUNTY OF ONTARIO
STATE OF NEW YORK

DRAWING TITLE:
GRADING PLAN

DRAWN BY:	JWJ
DESIGNED BY:	JWJ
CHECKED BY:	BAM
SCALE:	1"=40'
JOB NO.:	22-210
DATE:	10/26/2022
TAX MAP#:	56.00-1-13.21

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LEGEND

EXISTING *ele* **PROPOSED** *E/T*

Utility Lines
R.O.W. line
Property line
Easement line
Centerline
Drainage
Fence Line
Contour Line

Abbreviations:
EX-EXISTING
COP-CORRUGATED POLYETHYLENE PIPE
O.C.-ON CENTER
SICP-SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE
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PERF-PERFORATED
MIN-MINIMUM
MAX-MAXIMUM
INV-INVERT
CB-CATCH BASIN
MH-MANHOLE
DI-DRAINAGE INLET

Iron pin or pipe found
Benchmark
Utility pole
Hydrant
Light pole
PERC TEST
DEEP HOLE

1 CONSTRUCTION EROSION CONTROL PLAN
1"=40'

SEE SHEET G001 FOR
CONSTRUCTION EROSION
CONTROL NOTES

PLANNING BOARD CHAIRMAN	DATE
TOWN ENGINEER	DATE
WATER SUPERINTENDENT	DATE

NO.	DATE	REVISIONS	DESCRIPTION OF REVISION	BY
1	12/6/22		PER WRB LETTER DATED 11.18.22	JWJ

NEW COMMERCIAL SITE PLANS PREPARED FOR:
DIVERSIFIED EQUIPMENT, LLC
NEW LAWN & GARDEN EQUIPMENT REPAIR/RENTAL FACILITY AND
EQUIPMENT STORAGE BUILDING
SHOWING LAND IN:
1947 STATE ROUTE 332
TOWN OF CANANDAIGUA
COUNTY OF ONTARIO
STATE OF NEW YORK

DRAWING TITLE: EROSION CONTROL PLAN	
DRAWN BY:	JWJ
DESIGNED BY:	JWJ
CHECKED BY:	BAM
SCALE:	1"=40'
JOB NO.:	22-210
DATE:	10/26/2022
TAX MAP#:	56.00-1-13.21

MarksEngineering

42 BEEMAN ST
CANANDAIGUA, NY 14424
www.marksengineering.com bmarks@marksengineering.com

Phone: 585-905-0360
Fax: 585-485-4205

STATE OF NEW YORK
BRENNAN
083182
PROFESSIONAL ENGINEER
STAMP

LANDSCAPE NOTES:

- ALL PLANTS SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS NOTED IN THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, ANSI Z60.1-2004
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY TAKE OFFS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION.
- ALL TREES SHALL BE LOCATED A MINIMUM DISTANCE OF FIVE FEET (10') FROM THE HORIZONTAL LINE OF UNDERGROUND UTILITIES TO THE PLANT BALL.
- ALL TREES SHALL BE LOCATED A MINIMUM DISTANCE OF TEN FEET (10') FROM THE HORIZONTAL LINE OF OVERHEAD UTILITIES TO THE PLANT BALL.
- PLANTING SOIL MIXTURE SHALL HAVE A RATIO VOLUME OF FOUR PARTS TOPSOIL TO ONE PART PEAT AND ONE PART COMPOST. SOIL AMENDMENTS TO BE MODIFIED PER INDIVIDUAL PLANT MATERIAL REQUIREMENTS.
- STAKE TREES IMMEDIATELY AFTER PLANTING. REFER TO DETAIL.
- PROVIDE ALL PLANTING BEDS WITH A CONTINUOUS 3" LAYER OF MULCH. MULCH TO BE PROVIDE AS FOLLOWS: 100% SHREDDED HARDWOOD MULCH, NO GREATER THAN ONE INCH (1") IN SIZE, UNIFORMLY MIXED AND FREE FROM DELETERIOUS MATERIAL.
- SEED ALL AREAS NOT PAVED, PLANTED OR SPECIFIED OTHERWISE WITH LAWN SEED.
A. LAWN SEED MIXTURE SHALL BE PROVIDED AS FOLLOWS.

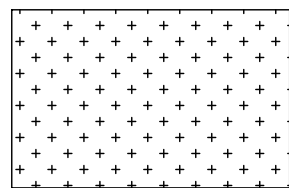
	% BY WEIGHT	% BY PURITY	% BY GERM
'REPELL', 'CITATION' & 'MORNING STAR'	40	85	85
PERENNIAL RYE GRASS			
'JAMESTOWN II', 'FORTRESS', 'ENSILVA'	20	97	80
RED FESCUE			
'BARON' & 'MIDNIGHT'	40	85	80
KENTUCKY BLUEGRASS			

SEEDING RATE: 6.0 LBS PER 1,000 SF.
MULCH: STRAW AT TWO TONS PER ACRE, OR WOOD FIBER MULCH
USED WITH A HYDROSEEDING APPLICATION METHOD, WITH TACKIFIER.
STARTING FERTILIZER: 50:10 AT 20 LBS PER 1,000 SF.

- NO PHOSPHORUS SHALL BE USED AT PLANTING TIME UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND THE SOIL TESTS SPECIFICALLY INDICATE A PHOSPHORUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWNS AND PLANTINGS FROM ESTABLISHMENT PROPERLY.
- IF SOIL TESTS INDICATE A PHOSPHORUS DEFICIENCY THAT WILL IMPACT PLANT AND LAWN ESTABLISHMENT, PHOSPHORUS SHALL BE APPLIED AT THE MINIMUM RECOMMENDED LEVEL PRESCRIBED IN THE SOIL TEST FOLLOWING ALL NYSDEC REGULATIONS.
- PROPOSED PLANT MATERIALS SHALL BE FIELD LOCATED AND THE CONTRACTOR SHALL PERFORM A ROUGH STAKEOUT OF PLANTINGS FOR REVIEW AND APPROVAL BY OWNER PRIOR TO PLANTING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF PLANT MATERIALS AND SEEDING AREAS UNTIL FINAL ACCEPTANCE.
- A MINIMUM OF 2 YEAR GUARANTEE SHALL BE PROVIDED ON ALL PLANT MATERIALS FROM DATE OF FINAL ACCEPTANCE.

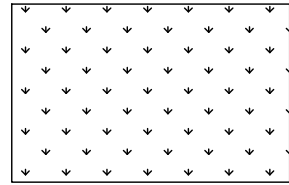
PLANT LEGEND

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COMMENTS
TREES						
10	AC	Abies concolor	Concolor fir	6' tall	B&B	
3	AF	Acer freemanii 'Autumn Blaze'	Autumn Blaze Maple	2.5" CAL	B&B	
3	CO	Celtis occidentalis	Hackberry	2.5" CAL	B&B	
3	GB	Ginkgo Biloba 'Magyar'	Magyar Ginkgo	2.5" CAL	B&B	
3	NS	Nyssa sylvatica	Black Tupelo	2.5" CAL	B&B	
10	PG	Picea glauca	White Spruce	6' tall	B&B	
3	QR	Quercus bicolor	Swamp White Oak	2.5" CAL	B&B	
SHRUBS						
38	CS	Cornus sericea	Red Twig Dogwood	24"	BR	
38	IV	Ilex verticillata	Common Winterberry	24"	BR	
19	PO	Physocarpus opulifolius 'Centerglow'	Centerglow Ninebark	24"	BR	
38	RA	Rhus aromatica 'Gro-low'	Fragrant Sumac	24"	BR	
38	SC	Sambucus canadensis	Elderberry	24"	BR	



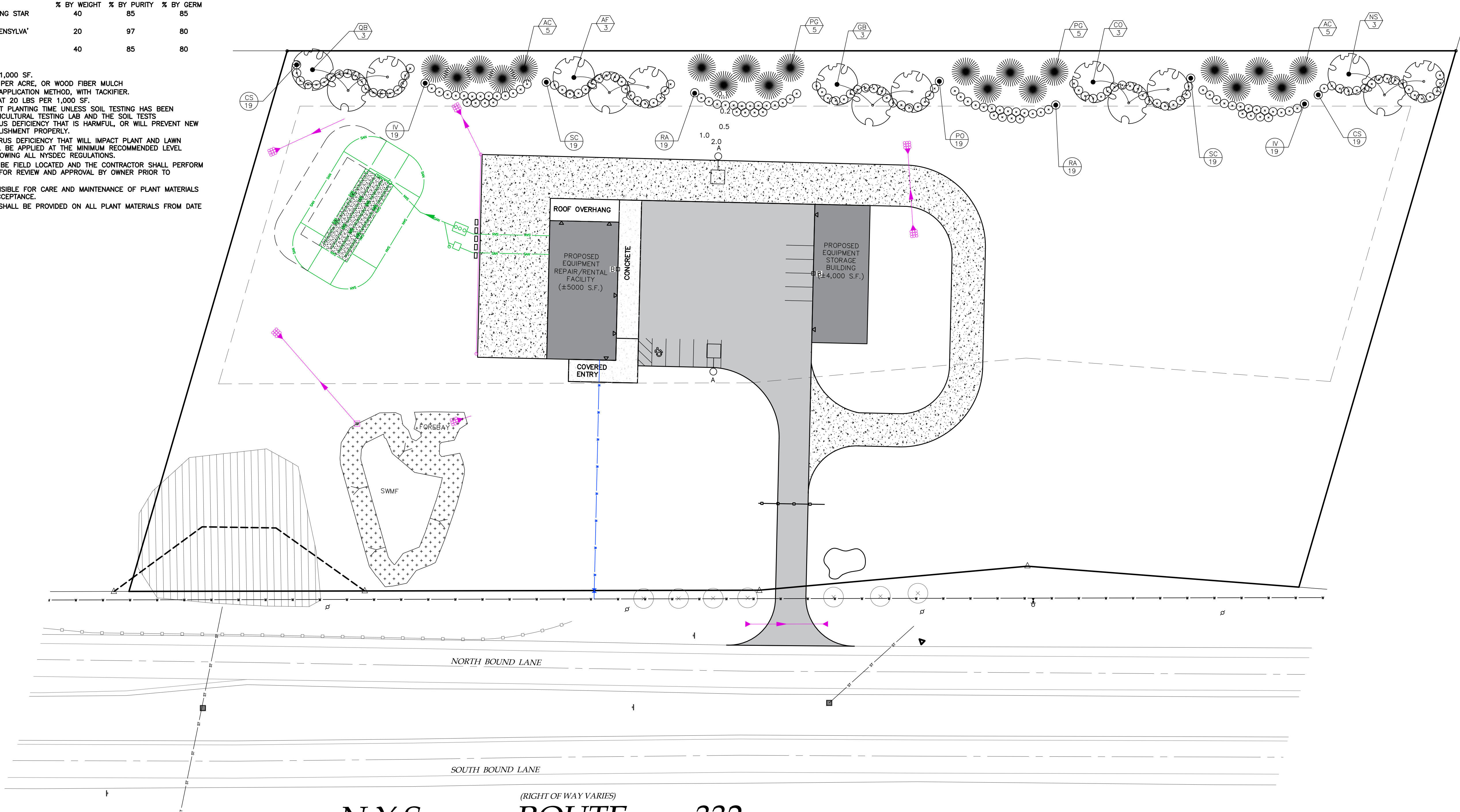
BIORETENTION SEED MIX:

ERNST SEEDS- FLOODPLAIN MIX
ITEM #: ERNMX-154
SEEDING RATE: 10LB PER ACRE



SWMF SEED MIX:

ERNST SEEDS- OBL WETLAND MIX
ITEM #: ERNWX-131
SEEDING RATE: 20LB PER ACRE



N.Y.S.

(RIGHT OF WAY VARIES)

ROUTE

332

1 LANDSCAPE PLAN
1"=40'

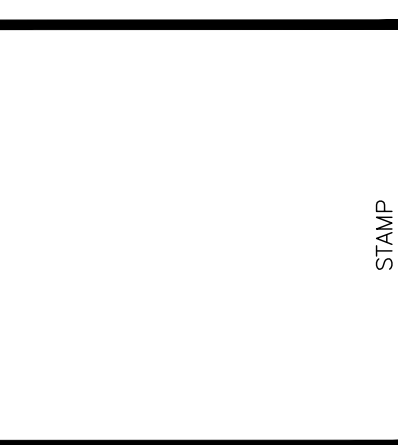
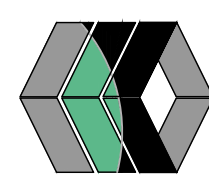
PLANNING BOARD CHAIRMAN DATE

TOWN ENGINEER DATE

WATER SUPERINTENDENT DATE

NOT FOR CONSTRUCTION

MarksEngineering



NO.	DATE	REVISIONS	DESCRIPTION OF REVISION	BY
1	12/6/22		PER WRB LETTER DATED 11.18.22	JWJ

NEW COMMERCIAL SITE PLANS PREPARED FOR:
DIVERSIFIED EQUIPMENT, LLC
NEW LAWN & GARDEN EQUIPMENT REPAIR/RENTAL FACILITY AND
EQUIPMENT STORAGE BUILDING
SHOWING LAND IN:
1947 STATE ROUTE 332
TOWN OF CANANDAIGUA
COUNTY OF ONTARIO
STATE OF NEW YORK

DRAWING TITLE:
LANDSCAPE PLAN

DRAWN BY:	JWJ
DESIGNED BY:	JWJ
CHECKED BY:	BAM
SCALE:	1"=40'
JOB NO.:	22-210
DATE:	10/26/2022
TAX MAP#:	56.00-1-13.21

L100

LIGHTING NOTES:

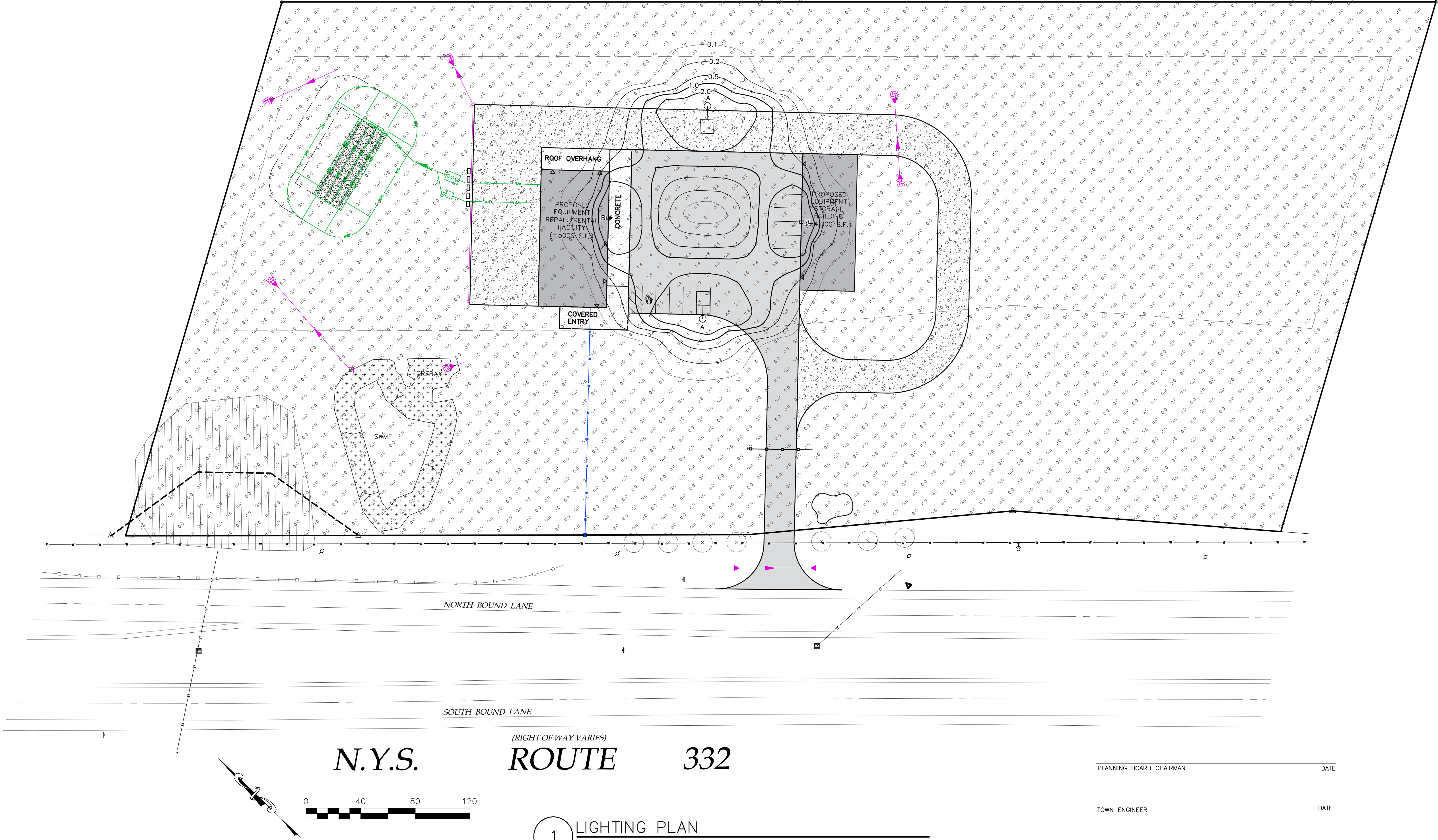
1. LIGHTING TO BE PROVIDED AS DETAILED IN LIGHTING SCHEDULE OR AN APPROVED EQUIVALENT.
2. ALL LIGHT FIXTURES TO BE DARK SKY COMPLIANT W/ FULL CUT OFF TO PROHIBIT LIGHT SPILL TO ADJOINING PROPERTIES.
3. ALL ELECTRICAL CONNECTIONS AND LAYOUT OF CONDUIT AND PULL BOX LOCATIONS TO BE COORDINATED WITH THE LIGHTING CONTRACTOR AND APPROVED BY THE OWNERS REPRESENTATIVE PRIOR TO FINAL INSTALLATION.
4. CONTRACTOR TO PROVIDE MANUFACTURERS CUT SHEETS TO OWNERS REPRESENTATIVE FOR ALL FIXTURES PRIOR TO FINAL INSTALLATION.
5. ALL EXTERIOR LIGHTING SHALL COMPLY WITH SECTION 220-77 OF THE TOWN OF CANANDAIGUA TOWN CODE.

DRAWING NOTES:

1. PHOTOMETRIC READINGS ARE MEASURED IN FOOT-CANDELES AT FINISHED GRADE.

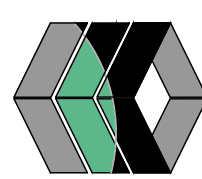
LUMINAIRE SCHEDULE

SYMBOL	QTY	LABEL	MOUNT HT.	ARRANGEMENT	LUMENS	LLF	LED COLOR	CATALOG NUMBER	DESCRIPTION
	2	A	20	SINGLE	9,203	1	4000K	GLAN-SA2C-740-U-T4W-BK	STREETWORKS, GALLEON II, LED LUMINAIRE WITH TYPE 4 WIDE LIGHT DISTRIBUTION.
	2	B	13	SINGLE	11,843	1	4000K	GAW-SA2C-740-U-T4W-BK	STREETWORKS, GAW GALLEON WALL MOUNTED, LED LUMINAIRE WITH TYPE 4 WIDE LIGHT DISTRIBUTION.



NOT FOR CONSTRUCTION

MarksEngineering



NO.	DATE	REVISIONS	DESCRIPTION OF REVISION	BY
1	12/6/22		PER MRB LETTER DATED 11.18.22	JWJ

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1	12/6/22		PER MRB LETTER DATED 11.18.22	JWJ

NEW COMMERCIAL SITE PLANS PREPARED FOR:
DIVERSIFIED EQUIPMENT, LLC
NEW LAWN & GARDEN EQUIPMENT REPAIR/RENTAL FACILITY AND
EQUIPMENT STORAGE BUILDING
SHOWING LAND IN:
1947 STATE ROUTE 332
TOWN OF CANANDAIGUA
COUNTY OF ONTARIO
STATE OF NEW YORK

DRAWING TITLE: LIGHTING PLAN	
DRAWN BY:	JWJ
DESIGNED BY:	JWJ
CHECKED BY:	BAM
SCALE:	1"=40'
JOB NO.:	22-210
DATE:	10/26/2022
TAX MAP#:	56.00-1-13.21

L101

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Town of Canandaigua

5440 Route 5 & 20 West
Canandaigua, NY 14424
(866) 584-1120
Fax (866) 584-9476
Established 1789

APPENDIX: **G - 31**

DATE: 2018

SCALE: N.T.S.

MRB group

STANDARD NOTES (CONTINUED)

17. ALL SITE STABILIZATION IS TO BE IN ACCORDANCE WITH THE LATEST VERSIONS OF THE NYSDEC STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL AND THE NYSDEC GENERAL PERMIT REQUIREMENTS (WHERE APPLICABLE).
18. ADDITIONAL PRACTICE AND MINIMAL SEEDING AND SITE STABILIZATION REQUIREMENTS:
 - A. ALL DISTURBED AREAS INCLUDING TOPSOIL STOCKPILES AND STORMWATER MANAGEMENT FACILITIES ARE TO BE STABILIZED WITHIN (7) DAYS AFTER COMPLETION.
 - B. TEMPORARY SEEDING OF DISTURBED AREAS SHALL BE PROVIDED AS FOLLOWS:

• THE SURFACE TWO INCHES OF SOIL SHOULD BE LOOSEENED BY DIGGING, RAKING, OR BACK-BLADING WITH A BULLDOZER. • FERTILIZE WITH 300 POUNDS PER ACRE (OR 7.0 POUNDS PER 1,000 SQUARE FEET). • NO PHOSPHORUS SHALL BE USED. UNLESS SOIL TESTING HAS BEEN COMPLETED AND TESTED BY HORTICULTURAL TESTING LAB AND THE SOIL TESTS SPECIFICALLY INDICATE A PHOSPHORUS DEFICIENCY THAT IS HARMFUL, OR IF THE SOIL TESTS INDICATE LAWN AND PLANTINGS FROM ESTABLISHING PROBLEMS. • IF SOIL TESTS INDICATE A PHOSPHORUS DEFICIENCY THAT WILL IMPACT PLANT AND LAWN ESTABLISHMENT, PHOSPHORUS SHALL BE APPLIED AT THE MINIMUM RECOMMENDED LEVEL DESCRIBED IN THE SOIL TEST FOLLOWING ALL NYSDEC REGULATIONS. • THE FOLLOWING SEED MIX SHALL BE USED: <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="text-align: left; padding: 5px;">SPERMATOPHYTES/ANGIOSPERMS</th> <th style="text-align: left; padding: 5px;">LEGUMINOSAE</th> <th style="text-align: left; padding: 5px;">US/1,000 SQ. ACRES</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">ANNUAL RYE GRASS</td> <td style="padding: 5px;">30</td> <td style="padding: 5px;">0.7</td> </tr> <tr> <td style="padding: 5px;">PERENNIAL RYEGRASS</td> <td style="padding: 5px;">100</td> <td style="padding: 5px;">0.7</td> </tr> <tr> <td style="padding: 5px;">LATE FALL/EARLY WINTER</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">CERIAL RYE</td> <td style="padding: 5px;">2.5</td> <td style="padding: 5px;">2.5</td> </tr> </tbody> </table>	SPERMATOPHYTES/ANGIOSPERMS	LEGUMINOSAE	US/1,000 SQ. ACRES	ANNUAL RYE GRASS	30	0.7	PERENNIAL RYEGRASS	100	0.7	LATE FALL/EARLY WINTER			CERIAL RYE	2.5	2.5	• SEED SHOULD HAVE A GERMINATION RATE OF AT LEAST 85 PERCENT AND MINIMAL INERT MATERIAL.
SPERMATOPHYTES/ANGIOSPERMS	LEGUMINOSAE	US/1,000 SQ. ACRES														
ANNUAL RYE GRASS	30	0.7														
PERENNIAL RYEGRASS	100	0.7														
LATE FALL/EARLY WINTER																
CERIAL RYE	2.5	2.5														
- C. DISTURBED AREAS SHALL BE STABILIZED USING PERMANENT LAWN SEEDING MIX UPON COMPLETION OF GRADING AND CONSTRUCTION.

<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="text-align: left; padding: 5px;">BRISSOPOT TREFOIL OR COMMON WHITE CLOVER</th> <th style="text-align: left; padding: 5px;">US/ACRE</th> <th style="text-align: left; padding: 5px;">US/1,000 SQ. ACRES</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">TALL FESCUE</td> <td style="padding: 5px;">8 OR 8</td> <td style="padding: 5px;">0.20 OR 0.20</td> </tr> <tr> <td style="padding: 5px;">TALL FESCUE</td> <td style="padding: 5px;">20</td> <td style="padding: 5px;">0.45</td> </tr> <tr> <td style="padding: 5px;">REDFEST OR REDGRASS (PERENNIAL)</td> <td style="padding: 5px;">2 OR 8</td> <td style="padding: 5px;">0.05 OR 0.10</td> </tr> </tbody> </table> • SEEDING RATE: 6.0 POUNDS PER 1,000 SQUARE FEET • MULCH: STRAW OR WOOD FIBER MULCH USED WITH HYDRD SEEDING METHOD AT TWO TONS PER ACRE WITH TACKIFIER. • FOR FALL OR EARLY WINTER, SEED WITH CERTIFIED "ARROSTOCK" WINTER RYE AT 100 POUNDS PER ACRE • PERMANENT STABILIZATION FOR STEEP SLOPES GREATER THAN 3:1 SHALL INCLUDE JUTE MESH BLANKET AND CROWN VETCH SEED WITH PERENNIAL RYEGRASS.	BRISSOPOT TREFOIL OR COMMON WHITE CLOVER	US/ACRE	US/1,000 SQ. ACRES	TALL FESCUE	8 OR 8	0.20 OR 0.20	TALL FESCUE	20	0.45	REDFEST OR REDGRASS (PERENNIAL)	2 OR 8	0.05 OR 0.10	19. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS IN THE AREAS OF CONSTRUCTION. 20. EXISTING UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM FIELD LOCATIONS AND/OR UTILITY COMPANY RECORD PLANS. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CALL THE DIO SAFE NEW YORK (UPFD) HOTLINE AT 1-800-362-7862 FOR EXISTENCE OF EXISTING UTILITIES. THE CONTRACTOR SHALL ESTIMATE EXACT LOCATION AND ELEVATION OF UNDERGROUND UTILITIES BEFORE COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS TO LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET THE EXISTING CONDITIONS.
BRISSOPOT TREFOIL OR COMMON WHITE CLOVER	US/ACRE	US/1,000 SQ. ACRES											
TALL FESCUE	8 OR 8	0.20 OR 0.20											
TALL FESCUE	20	0.45											
REDFEST OR REDGRASS (PERENNIAL)	2 OR 8	0.05 OR 0.10											

Town of Canandaigua

5440 Route 5 & 20 West
Canandaigua, NY 14424
(585) 394-1120
Fax (585) 394-9476
Established 1789

APPENDIX: **G - 4.0**

DATE: 2018

SCALE: N.T.S.

MRB group

NOTES:

1. TRIM BRANCHES BY $\frac{1}{3}$ RETAINING NATURAL TREE SHAPE. NEVER CUT EVERGREEN LEADER.
2. BASE OF PLANT PIT SHALL BE SCARIFIED TO A DEPTH OF 12" MIN.

TYPICAL TREE PLANTING DETAIL

NOTES:

1. TRIM BRANCHES BY $\frac{1}{3}$ RETAINING NATURAL TREE SHAPE. NEVER CUT EVERGREEN LEADER.
2. BASE OF PLANT PIT SHALL BE SCARIFIED TO A DEPTH OF 12" MIN.

TYPICAL SHRUB PLANTING DETAIL

R.O.W.

1'-0"

6"

5'-0"

3" PER FT. SLOPE TO PROVIDE POSITIVE DRAINAGE

TWO (2) COATS APPROVED CURING AND SEALING COMPOUND

6"

MAX. SLOPE 3" PER FT.

NYSDOT CLASS A CONCRETE AIR ENTRAINED, 4000 PSI MIN.

FINE CRUSHER RUN (NYSDOT SPEC. 304.02, TYPE 1)

MIRAFLEX S800 GEOTEXTILE FABRIC OR EQUAL

NOTE:

1. CONCRETE SIDEWALKS THROUGH DRIVEWAYS SHALL BE INCREASED TO A 6" THICKNESS AND SHALL INCLUDE 6"x6" WIRE MESH (10 GAUGE) FOR REINFORCEMENT.

SIDEWALK DETAIL

The diagram illustrates a typical D-box structure. The cross-section view on the left shows a rectangular box with a removable cover on top, which is 12" MAX thick. Inside, there is a baffle and speed levelers at an invert elevation. The bottom of the box is 2" MIN thick and contains clean sand, pea gravel, or aggregate (1/4" - 1/2"). The side walls are 12" MIN thick. The top view on the right shows the box with an inlet and outlet, and four outlets on the top. The box is made of precast concrete or HDPE with a 500LB load capacity.

3 TYPICAL D-BOX
NTS

TOWN OF FARMINGTON

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

APPROVED:	W - 4.0
DATE:	2022
SCALE:	N.T.S.

MRB group

TYPICAL WATER SERVICE

NOTES:

- ALL RESIDENTIAL SERVICES SHALL BE 1" MIN. DIAMETER MUNICIPAL.
- CURB STOP SHALL BE LOCATED AT THE R.O.W. MINIMUM. THE R.O.W. AND AN EASEMENT IS PROVIDED PER APPENDIX C-2, TYPICAL SERVICE PLAN.
- EXTEND LATERAL 1/2" OR TO UTILITY EASEMENT (GAS, CABLE, ETC.) WHICHEVER IS CLOSER.

TEMPORARY WATER TIGHT END PLUG (BLUE)

SEE NOTE #1

R.O.W. OR EASEMENT LINE

FINISHED GRADE

TO HOUSE

REMOVABLE WATER TIGHT END PLUG

CURB STOP

2" x 1/4" CONC. BLOCK

CLAMP APPROPRIATE FOR P.C. WATERMAIN

TRACING WIRE TO BE ATTACHED TO POSITIVE CONTACT

1/2" SS ROD

2 PIECE SLIDE

CORPORATION COCK

5'

WATER MAIN

8"

2" PORT BS SADDLE OR BRASS SADDLE FOR P.C. WATERMAIN

[illegible]

Mount for Proper Drainage

Establish Vegetative Cover

Topsoil

Native Backfill

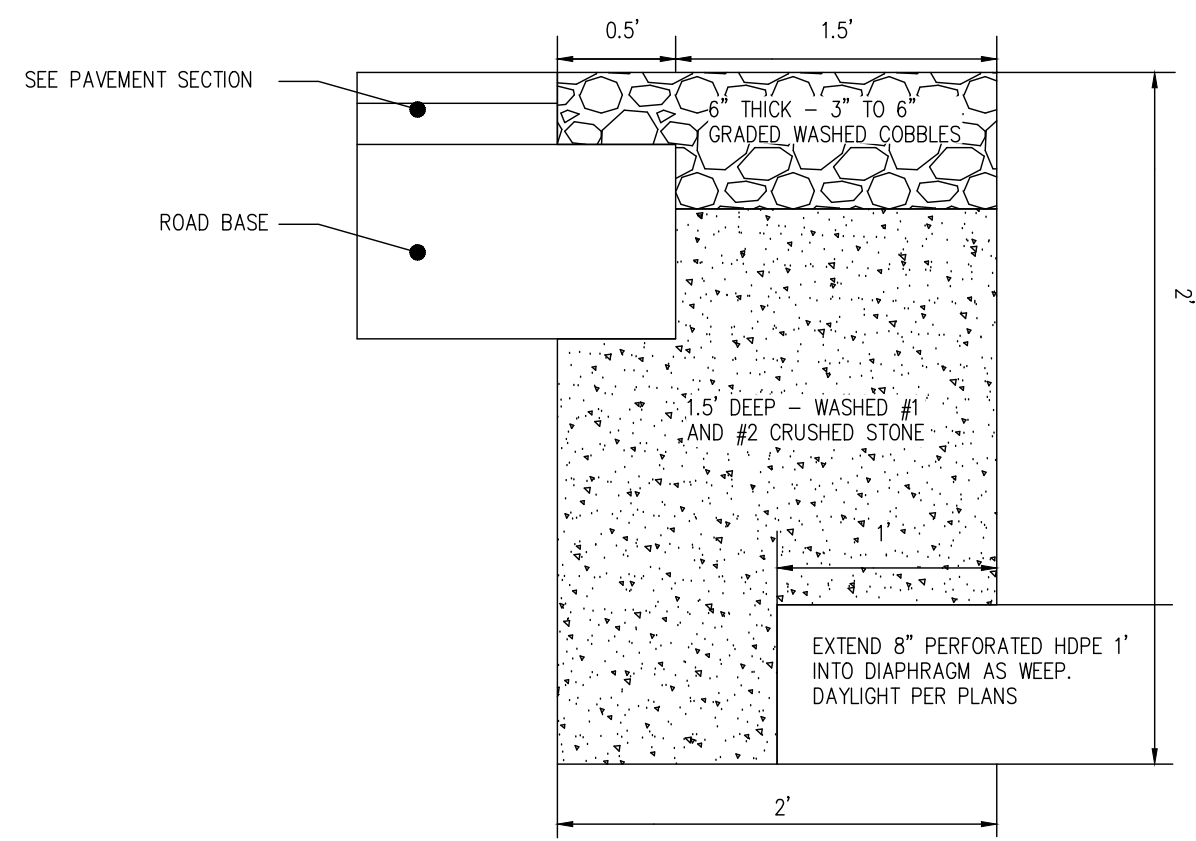
8"-12"

CONNECT HEADER PIPE TO TOP CHAMBER INLET AT LISTED INVERT ELEVATION.

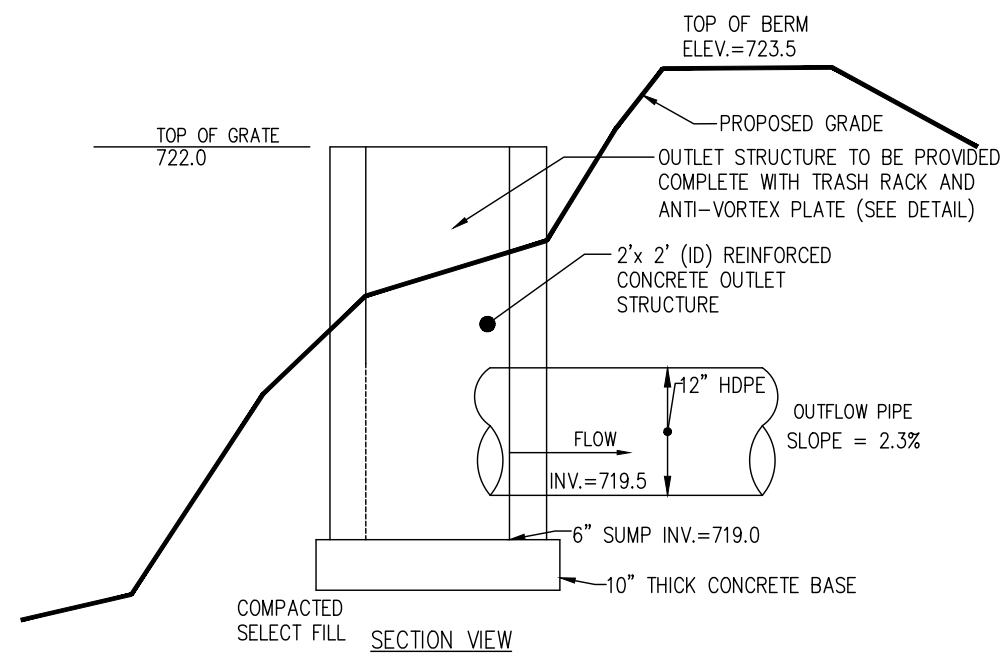
NOTE:
 • INSTALL CHAMBER AT MINIMUM DEPTH PER MANUFACTURER'S RECOMMENDATIONS.
 • BOTTOM OF TRENCH SHALL BE INSTALLED WITH A LEVEL BOTTOM.

5 GRAVELLESS LEACHING CHAMBER DETAIL

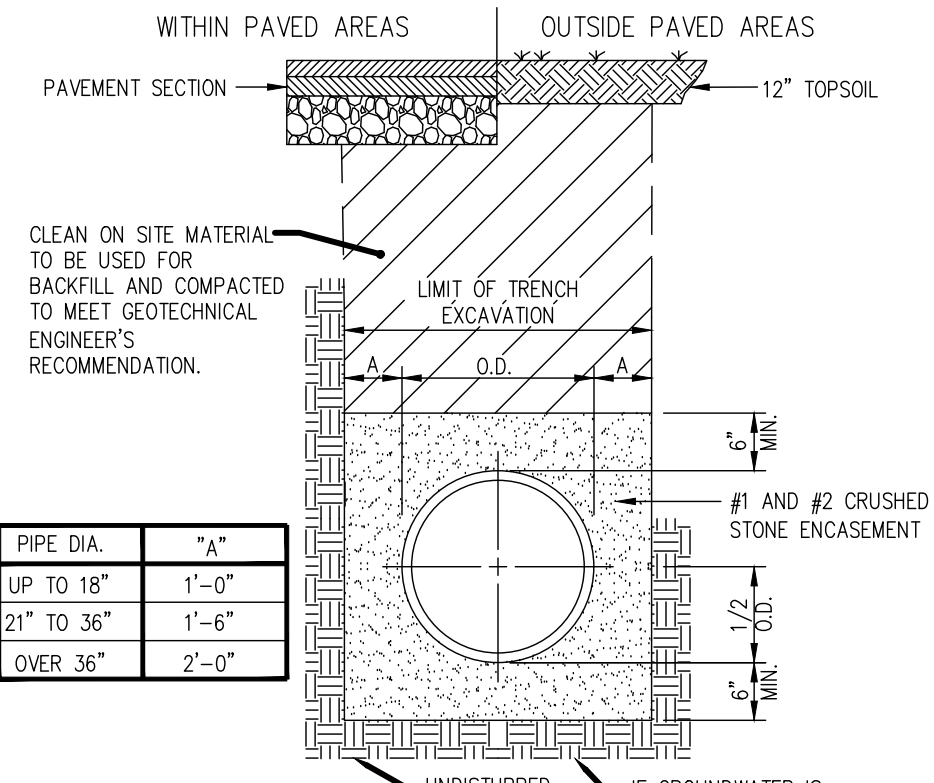
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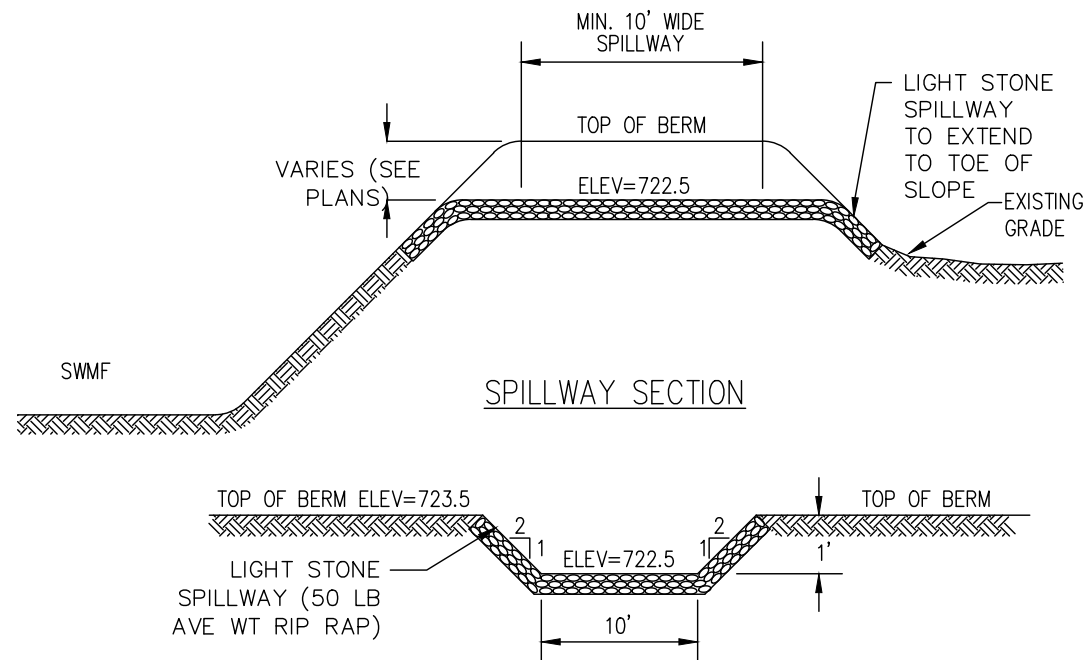
1 STONE DIAPHRAM WITH UNDERDRAIN DETAIL
NTS



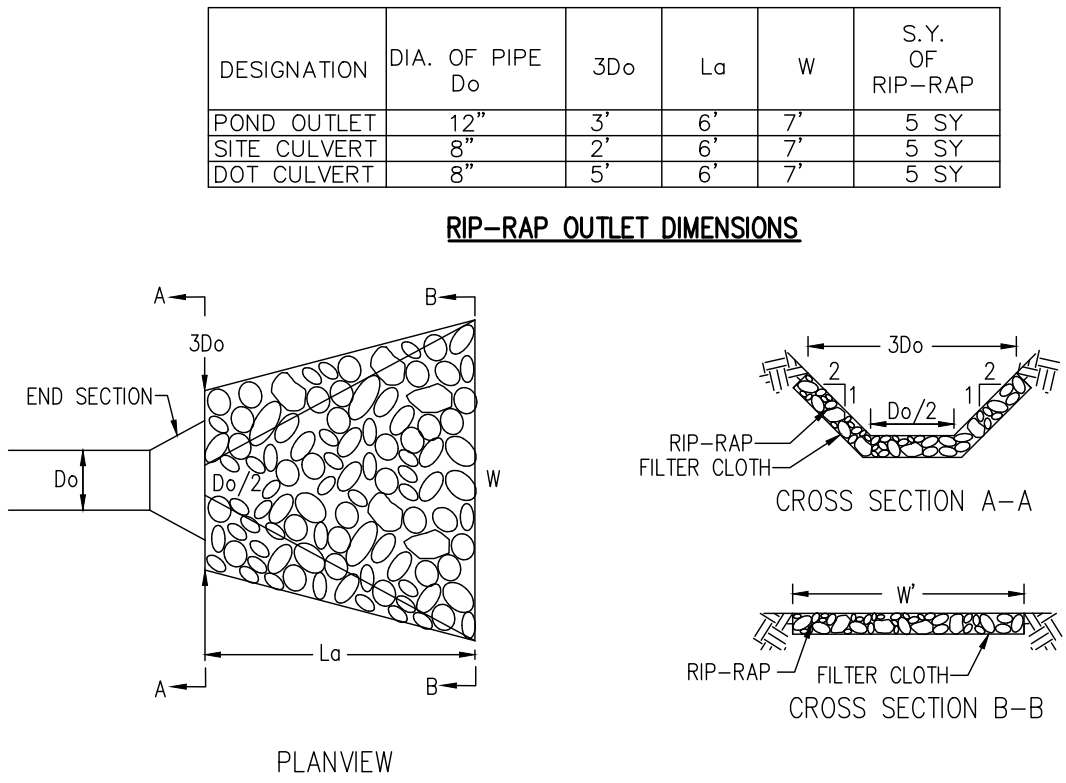
5 STORM WATER MANAGEMENT FACILITY OULET STRCUTRE DETAIL
NTS



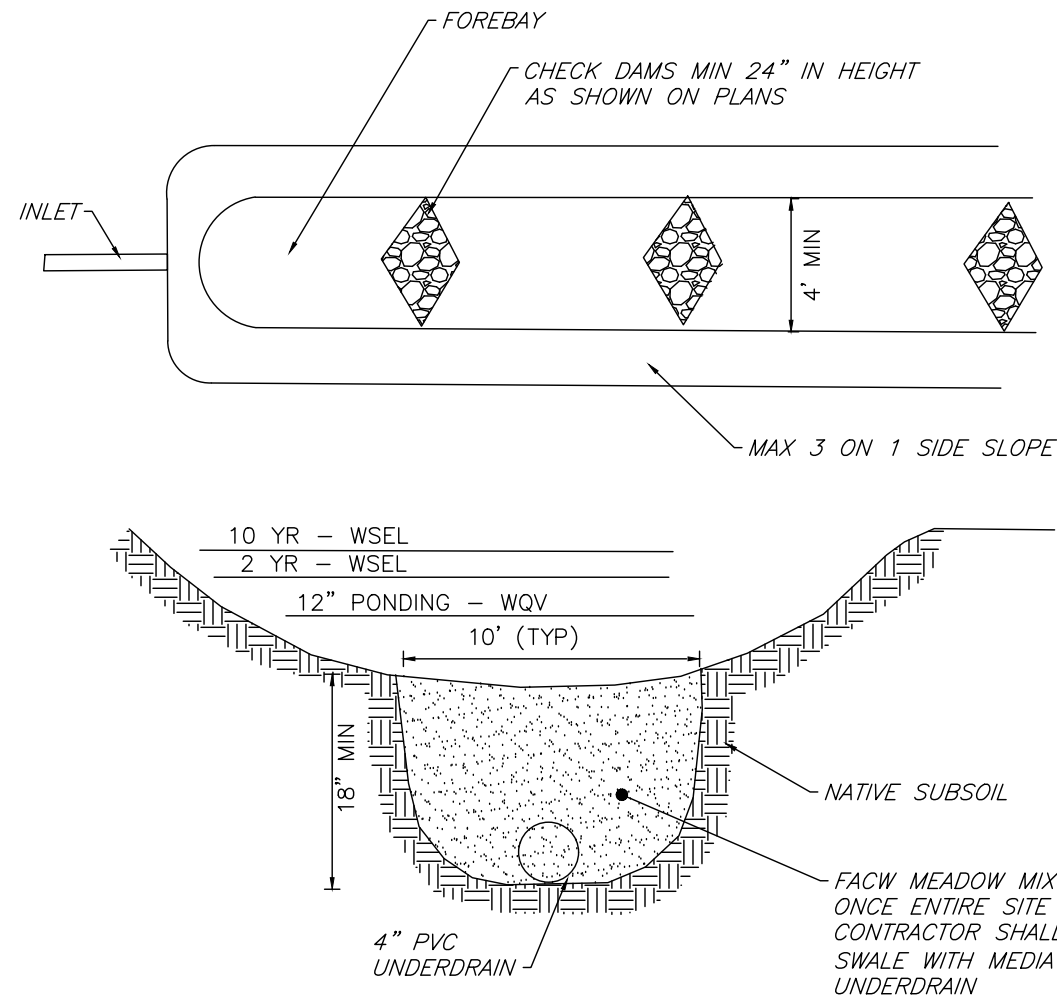
2 STORM SEWER DETAIL
NTS



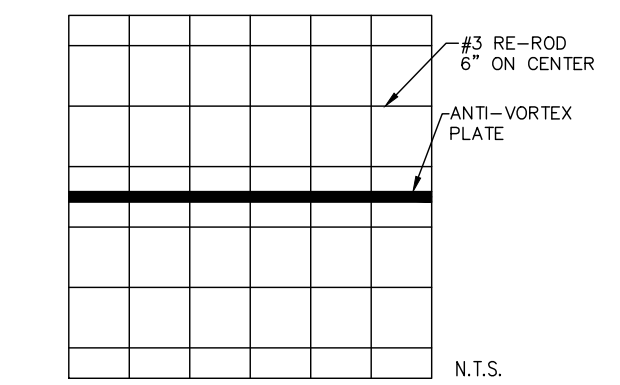
6 EMERGENCY STONE SPILLWAY DETAIL
NTS



3 RIP-RAP OUTLET PROTECTION DETAIL
NTS



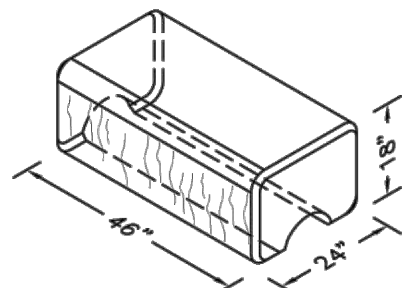
7 TYPICAL GRASS DRY SWALE SECTION
NTS



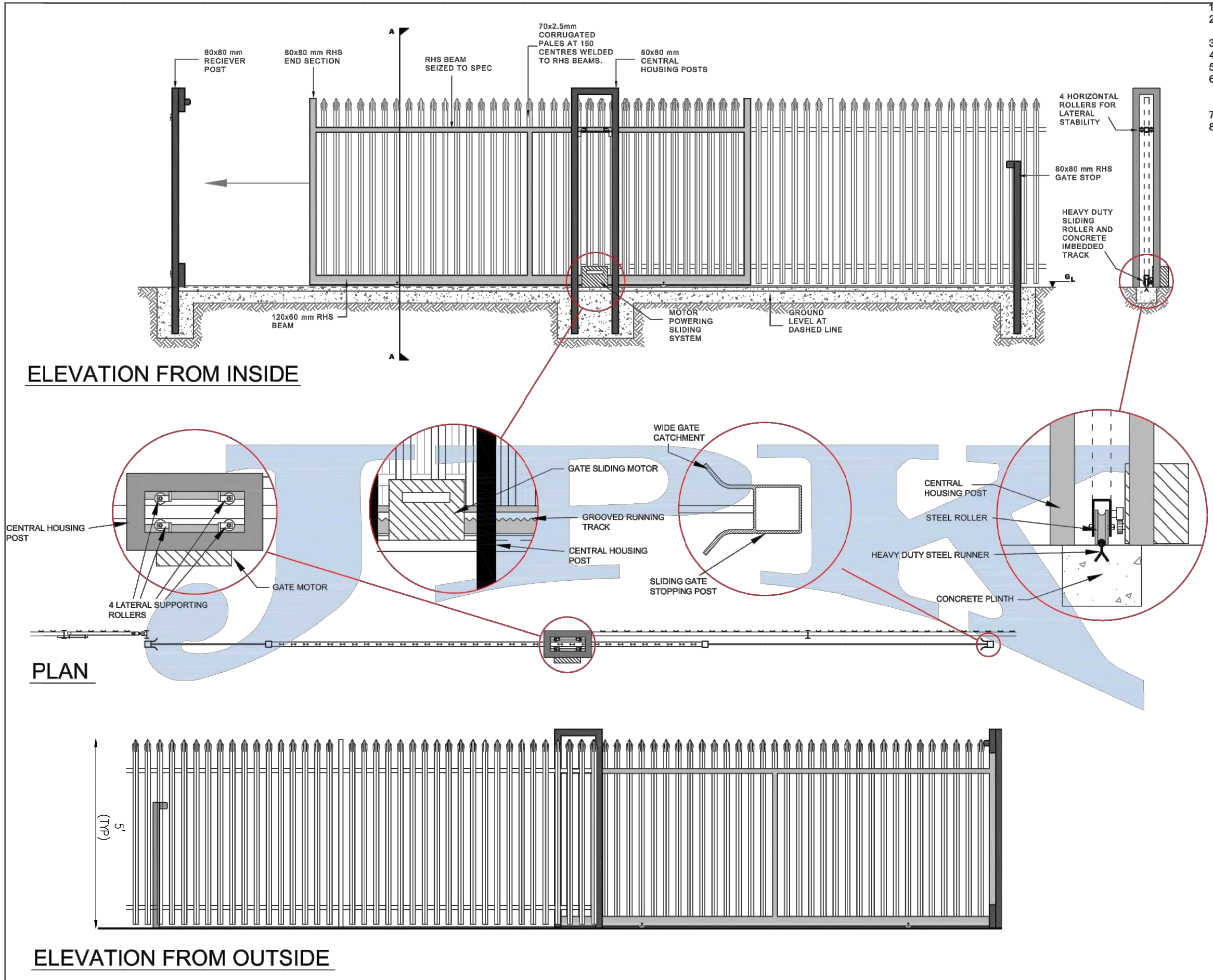
4 TRASH RACK DETAIL
NTS



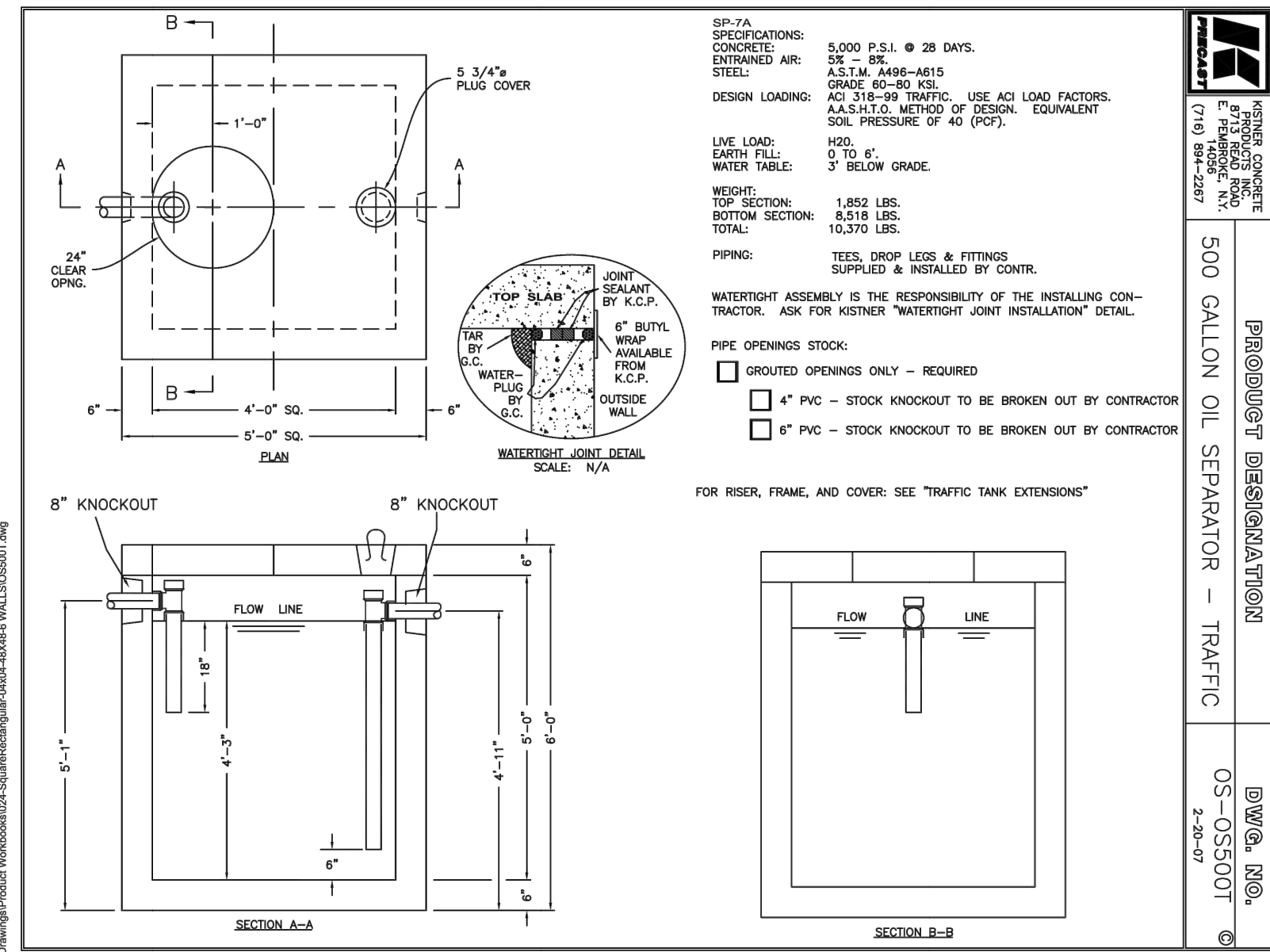
REDI-ROCK BLOCK SPECIFICATIONS: FREE STANDING STANDARD BLOCKS



8 PRECAST CONCRETE BARRIER DETAIL
NTS

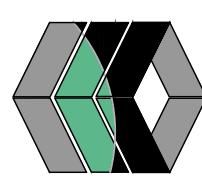


8 ELECTRIC GATE DETAIL
NTS



NOT FOR CONSTRUCTION

MarksEngineering



NO.	DATE	REVISIONS	DESCRIPTION OF REVISION	BY
1	12/6/22		PER WRB LETTER DATED 11.18.22	JWJ

NEW COMMERCIAL SITE PLANS PREPARED FOR:
DIVERSIFIED EQUIPMENT, LLC
NEW LAWN & GARDEN EQUIPMENT REPAIR/RENTAL FACILITY AND
EQUIPMENT STORAGE BUILDING
SHOWING LAND IN:
1947 STATE ROUTE 332
TOWN OF CANANDAIGUA
COUNTY OF ONTARIO
STATE OF NEW YORK

DRAWING TITLE: DETAIL SHEET	
DRAWN BY:	JWJ
DESIGNED BY:	JWJ
CHECKED BY:	BAM
SCALE:	1"=40'
JOB NO.:	22-210
DATE:	10/26/2022
TAX MAP#:	56.00-1-13.21

C201