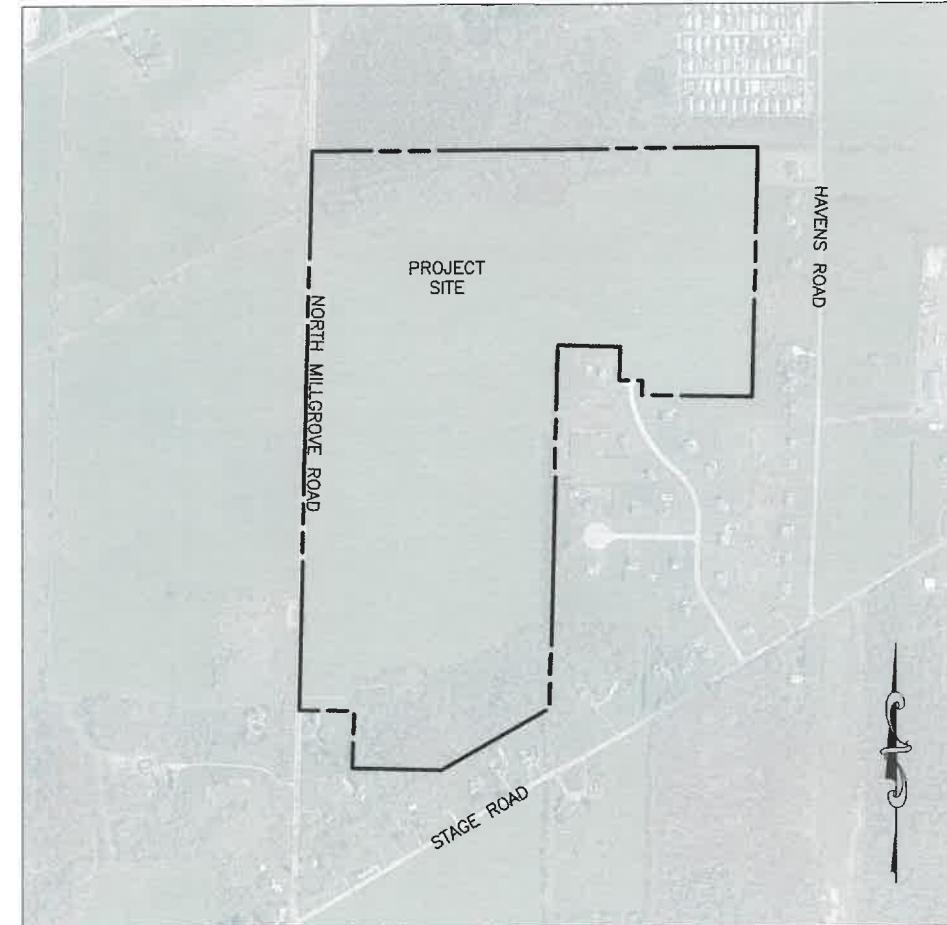


KREHER EGG PROCESSING FACILITY
5005 NORTH MILLGROVE ROAD
AKRON, ERIE COUNTY, NEW YORK 14001
11/26/2025



INDEX OF DRAWINGS:

SHEET NO.	SHEET	DESCRIPTION
1	C000	COVER SHEET
2	EX100	EXISTING CONDITIONS PLAN
3	EX200	EXISTING CONDITIONS PLAN
4	C100	SITE PLAN
5	C200	UTILITY PLAN
6	C300	GRADING PLAN
7	C400	CONSTRUCTION EROSION CONTROL PLAN
8	C500	WASTEWATER TREATMENT PLAN
9	C600	WATER EXTENSION PLAN
10	C601	WATER EXTENSION PROFILES
11	C700	PLANTING PLAN
12	C800	DETAILS - EROSION AND SEDIMENT CONTROL
13	C801	DETAILS - SITE AND WATER
14	C802	DETAILS - STORMWATER
15	C803	DETAILS - STORMWATER
16	C804	DETAILS - WASTEWATER TREATMENT
17	C900	TRUCK TURNING TEMPLATE
18	E210	SITE PLAN - PHOTOMETRIC (PROVIDED BY IMEG)
19	E211	SITE PHOTOMETRIC SCHEDULES (PROVIDED BY



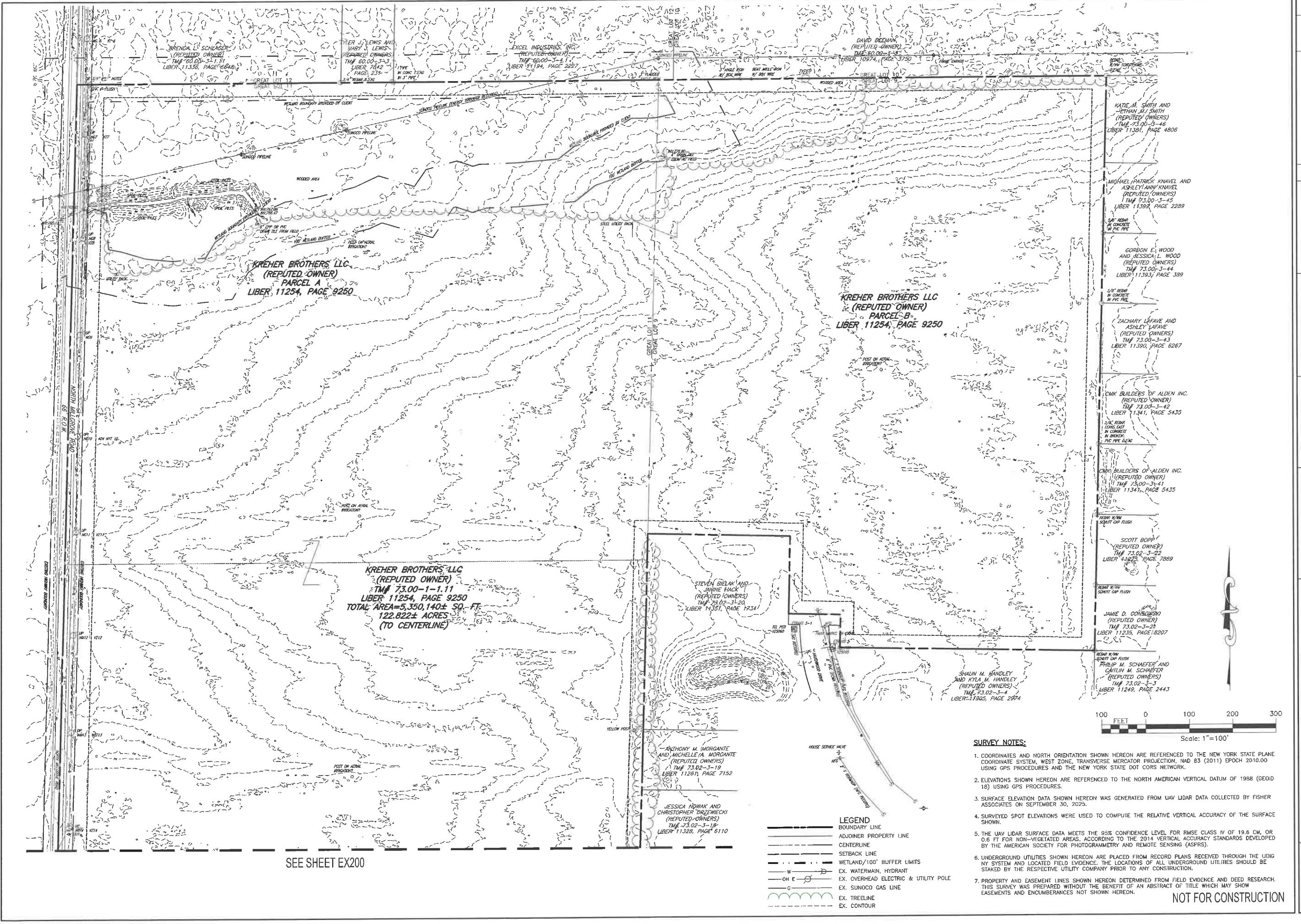
KREHER FARM FRESH EGGS, LLC
5411 DAVISON ROAD
CLARENCE, NY 14031-0410
(716)-759-8687
73.00-3-1.11

PREPARED BY:



NOT FOR CONSTRUCTION

PROJECT	KREMER EGG PROCESSING FACILITY		
	5005 North Millgrove Road		
	Town of Newstead		
	Erie County, New York		
DRAWING NO.	C000		
 FISHER ASSOCIATES www.FISHERASSOC.COM			
TITLE OF DRAWING	Cover Sheet		
ISSUE DATE	11/26/25		
FA PROJECT NO.	250750		
PROJECT MANAGER	<u>G. HARVEY</u>		
DRAWN BY	DRAWINGS CHK W. Hostetter		
SCALE	J. JONES ENGINEER AS SHOWN		
DESCRIPTION	PER ECWA & TOWN ENGINEER		
DATE	1/16/26		
REV			



FILE NAME: H:\Projects\25\250750-00-KreherNewstead\Eng\CAD\Cut\Site Base.dwg
DATE/TIME: 1/22/2026 9:24:20 AM
USER: Jonathan Jones

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DATE/TIME: 1/22/2026 9:24:24 AM
USER: Jonathan Jones

LEGEND

— BOUNDARY LINE

— ADJOINER PROPERTY LINE

— CENTERLINE

— SETBACK LINE

— WETLAND/100' BUFFER LIMITS

— EX. WATERMAIN, HYDRANT

— EX. OVERHEAD ELECTRIC & UTILITY POLE

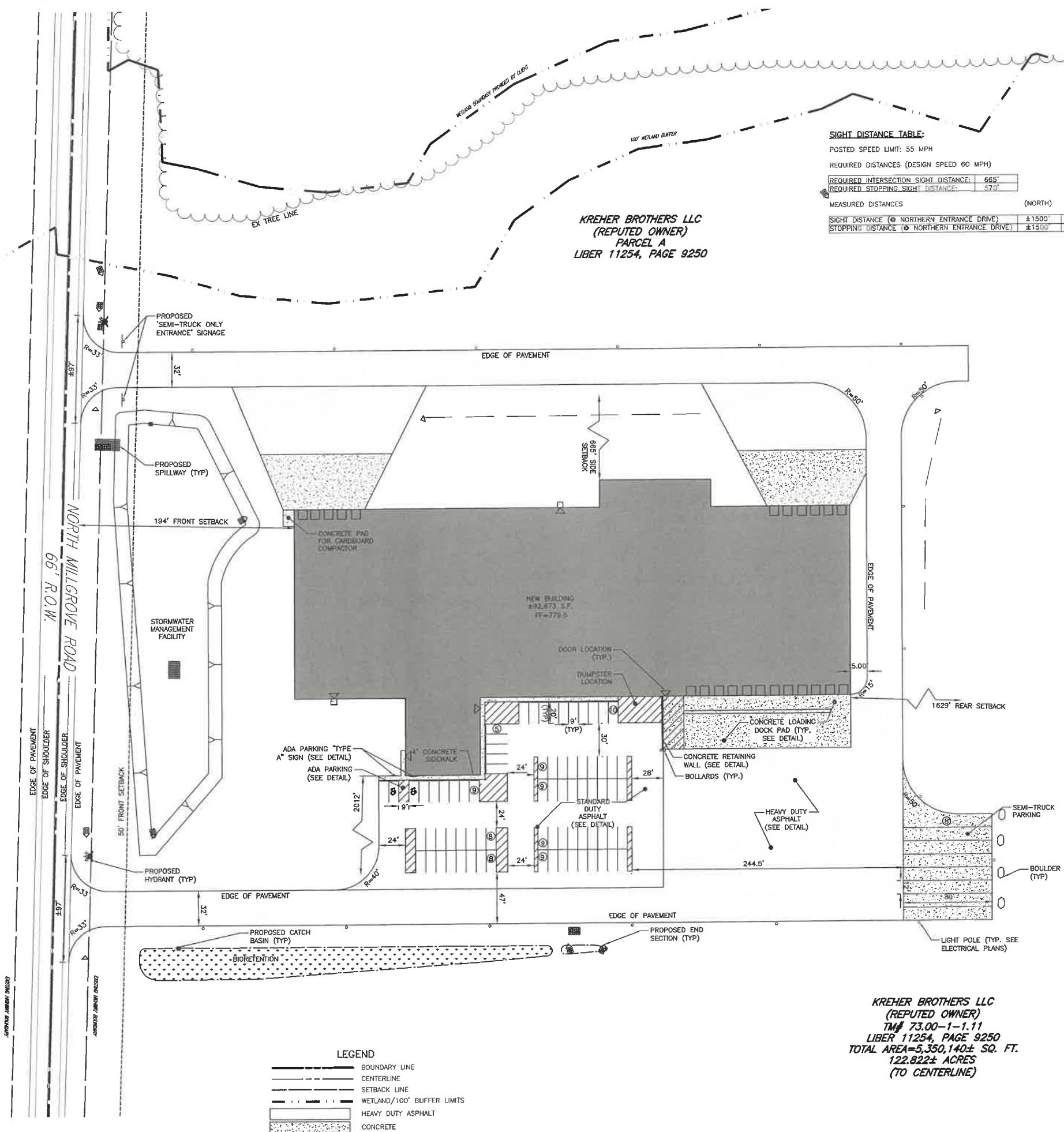
— EX. SUNOCO GAS LINE

— EX. TREELINE

— EX. CONTOUR

00 0 100 200 300
FEET
Scale: 1"=100'

NOT FOR CONSTRUCTION



GENERAL SITE NOTES:

1. EXISTING ZONING: RURAL AGRICULTURAL (R-A)
2. TOTAL PROJECT AREA = ±122.8 AC
3. PROPOSED USE: KREHER EGG FARM PROCESSING FACILITY
4. APPLICABLE DEVELOPMENT STANDARDS ARE AS FOLLOWS:

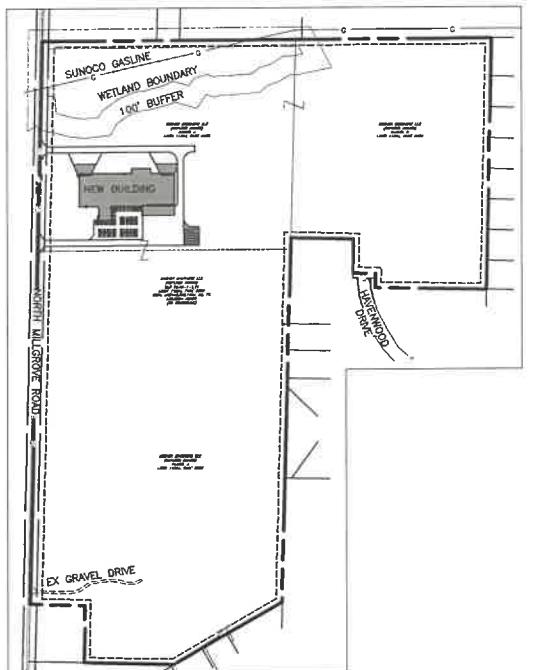
	B REQUIRED	E EXISTING	P PROPOSED
LOT AREA	45,000 S.F.	±122.8 AC	±122.8 AC
LOT WIDTH	150 FT.	>150 FT.	>150 FT.
MAXIMUM BLDG HEIGHT	NO LIMIT	N/A	<40 FT.
MAXIMUM LOT COVERAGE	20%	N/A	1.4%

SETBACKS:			
FRONT	50 FT.*	N/A	175 FT.
SIDE	30 FT.	N/A	665 FT.
REAR	30 FT.	N/A	1710 FT.

PARKING 60 (EMPLOYEES) N/A 76

- 50 FT. FROM THE FRONT EDGE OF THE PAVED PORTION OF THE ROAD, PER TOWN CODE SECTION 430-15.(1)
- 5. THE SETBACK LINES AND NOTES RELATING TO SETBACKS SHOWN HEREON ARE INTENDED TO SHOW APPLICABLE ZONING REQUIREMENTS OF THE TOWN OF NEWSTEAD AS OF THE DATE OF THIS MAP ARE NOT INTENDED TO IMPOSE ANY ADDITIONAL RESTRICTIONS OTHER THAN ZONING REQUIREMENTS.
- 6. BUILDINGS SHOWN ON THIS PLAN ARE GRAPHICAL REPRESENTATIONS ONLY.
- 7. CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH OWNER'S REPRESENTATIVE AND ANY INVOLVED REGULATORY AGENCIES.
- 8. ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF NEWSTEAD AND THE APPROPRIATE AGENCIES.
- 9. REVIEW OF THE FEMA MAPS INDICATES THAT THIS PROPERTY IS NOT WITHIN A RECOGNIZED 100-YEAR FLOODPLAIN.
- 10. THE PROPERTY IS WITHIN 100' OF A WETLAND BOUNDARY. A WETLAND DELINEATION HAS BEEN PERFORMED AND SUBMITTED TO NYSDEC OFFICES FOR A JURISDICTIONAL DETERMINATION.

10. THE PROPERTY IS WITHIN 100' OF A WETLAND BOUNDARY. A WETLAND DELINEATION HAS BEEN PERFORMED AND SUBMITTED TO NYSDEC OFFICES FOR A JURISDICTIONAL DETERMINATION.



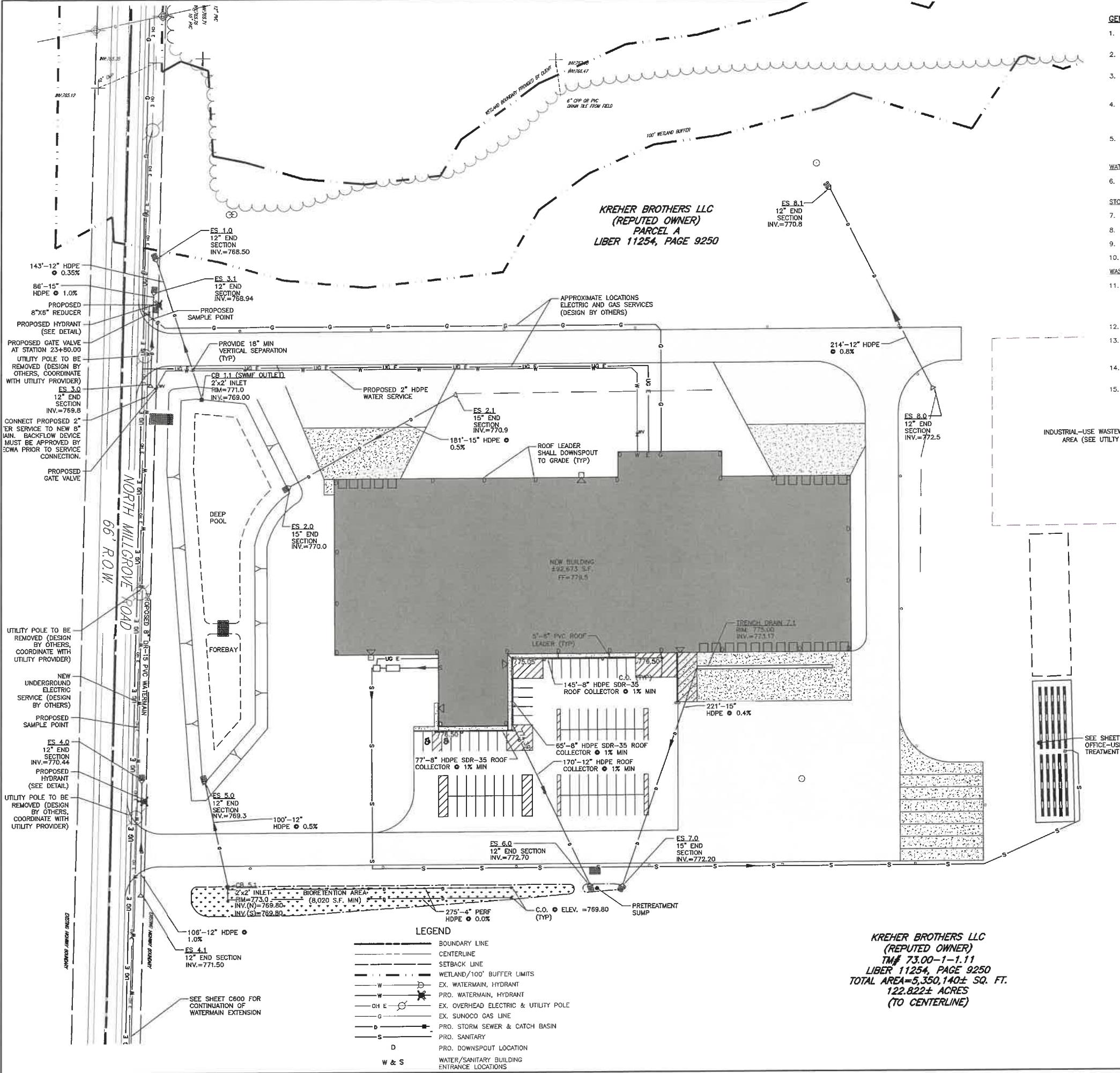
TOTAL HOLDINGS SKETCH

KREHER BROTHERS LLC
(REPUTED OWNER)
TM# 73.00-1-1.11
LIBER #11254, PAGE 9250
TOTAL AREA=5,350,140± SQ.
122.822± ACRES
(TO CENTERLINE)



NOT FOR CONSTRUCTION

SHEET 4 OF 19



GENERAL UTILITY NOTES:

- ALL UTILITY IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF NEWSTEAD AND THE APPROPRIATE INVOLVED AGENCIES (ECWA & EDDOH).
- THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD AND PRESERVE ANY SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS WITHIN THE AREAS OF CONSTRUCTION.
- 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 UFGO HOTLINE 811 OR 1(800)982-7982 FOR STAKE-OUT OF EXISTING UTILITIES.
- THE CONTRACTOR SHALL DETERMINE EXACT LOCATION AND ELEVATION OF UNDERGROUND UTILITIES BEFORE COMMENCING CONSTRUCTION. CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS TO LOCATE ANY EXISTING FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS.
- A PORTION OF A SUNOCO PIPELINE IS LOCATED ON THE SUBJECT PROPERTY. WHILE NO ENROACHMENTS ARE ANTICIPATED WITH PROJECT CONSTRUCTION, SHOULD ANY ENROACHMENTS OCCUR, THE CONTRACTOR/OWNER SHALL COORDINATE ANY ENROACHMENT REQUESTS DIRECTLY WITH THE ENERGY SUPPLIER.

WATER NOTES:

- WATER SHALL BE PROVIDED VIA 8" PVC WATERMAIN EXTENSION ALONG THE EAST SIDE OF NORTH MILLGROVE ROAD. SEE SHEET C600 FOR WATERMAIN EXTENSION DESIGN AND ECWA NOTES.

STORM SEWER NOTES:

- STORM SEWER PIPE SHALL BE HDPE OR AS NOTED ON PLAN.
- DOWNSPOUTS SHALL EITHER DISCHARGE TO GRADE OR GET PIPED TO BIO-RETENTION/POND.
- HIGHWAY DRAINAGE ALONG NORTH MILLGROVE ROAD SHALL BE MAINTAINED.

- PROVIDE 5' SY AVG WT RIP-RAP AT END SECTION UNLESS NOTED OTHERWISE.

WASTEWATER TREATMENT NOTES:

- SEE WASTEWATER TREATMENT SPECIFICATION LEGEND NOTE #7 ON SHEET C500 FOR DESIGN NOTES ON THE OFF-USE WASTEWATER TREATMENT SYSTEM. PLEASE NOTE, THIS PLAN SHOWS DESIGN OF OFFICE-USE WASTEWATER TREATMENT SYSTEM. THE INDUSTRIAL WASTEWATER GENERATED FROM THE NEW FACILITY WILL BE TREATED BY A SEPARATE SYSTEM WHICH WILL BE DESIGNED, REVIEWED AND APPROVED THROUGH NYSDEC UNDER KREHER FARMS EXISTING CAFO PERMIT.

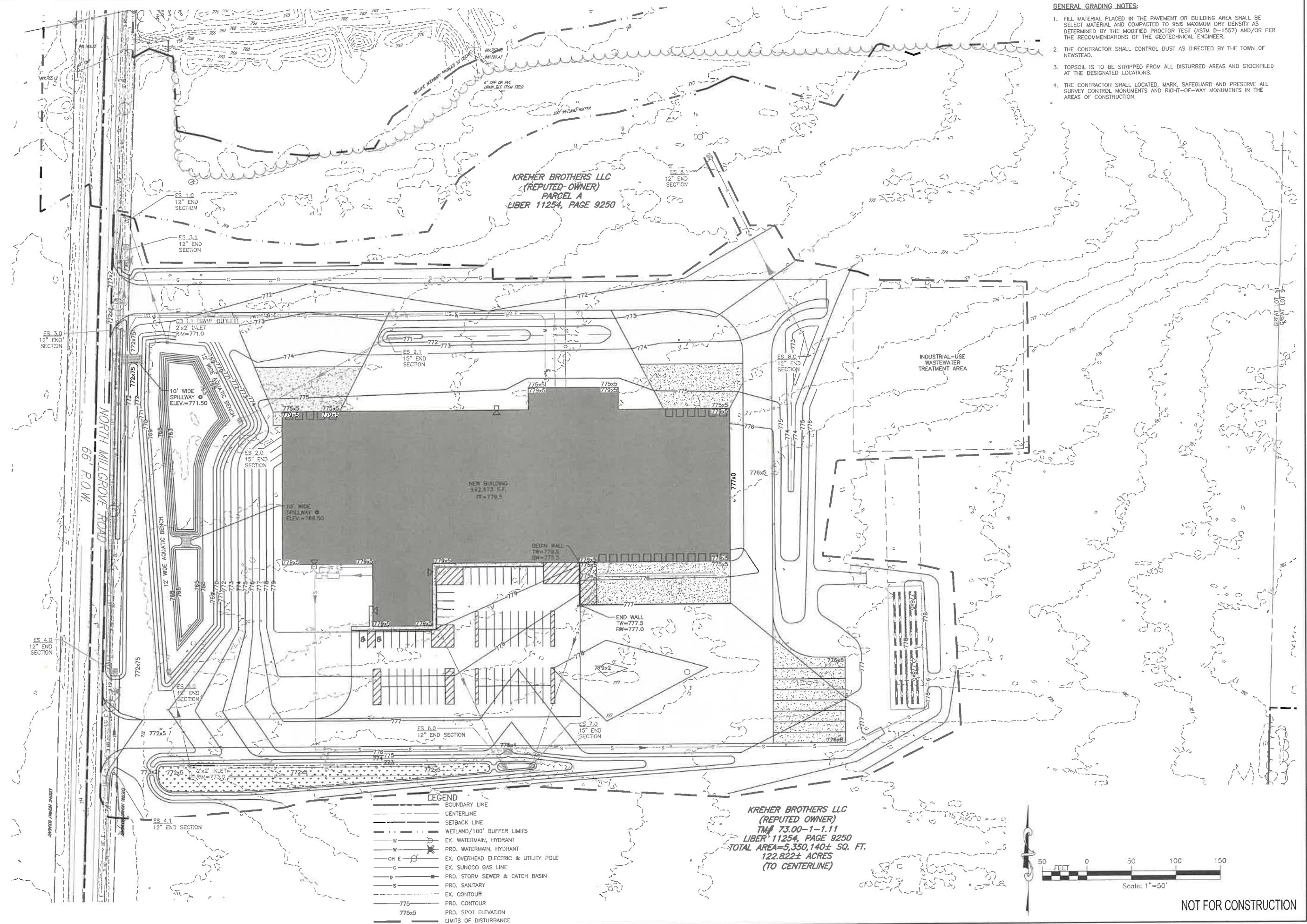
12. LEACH LINES SHALL NOT CROSS WATER OR GAS LINES.

13. ALL NON-WASTEWATER FLOWS ARE TO BE DIVERTED AWAY FROM THE WASTEWATER SYSTEM. SWALES SHALL BE CONSTRUCTED TO DIVERT SURFACE WATER AROUND THE SYSTEM AND PROVIDE DRAINAGE AWAY FROM THE SYSTEM.

14. RISER TO GRADE IS REQUIRED IF THE DIFFERENCE BETWEEN THE FINISHED GRADE AND TOP OF SEPTIC TANK EXCEEDS 12".

15. HEAVY CONSTRUCTION EQUIPMENT SHALL NOT BE ALLOWED WITHIN THE AREA OF THE SYSTEM.

PROJECT NO. 250750		ISSUE DATE 11/26/25	DRAWING CHK G. HARVEY
PROJECT MANAGER G. HARVEY		DRAWN BY W. Hostetter	
SCALE 1"=50'		1"=50'	
 <p>FISHER ASSOCIATES www.fisherassociates.com</p>			
<p>PROJECT KREHER EGG PROCESSING FACILITY 5005 North Millgrove Road Town of Newstead Erie County, New York</p> <p>TITLE OF DRAWING Utility Plan</p> <p>DRAWING NO. C200</p> <p>NOT FOR CONSTRUCTION</p> <p>GENERAL NOTES:</p> <p>1. SEE SHEET C600, C601 FOR WATERMAIN EXTENSION PLANS, PROFILES, NOTES & DETAILS.</p> <p>2. SEE SHEET C500 & C703 FOR OFFICE-USE WASTEWATER TREATMENT DESIGN NOTES & DETAILS.</p> <p>3. SEE SHEET C600, C601 FOR CONTINUATION OF WATERMAIN EXTENSION.</p> <p>4. SEE SHEET C500 FOR CONTINUATION OF WATERMAIN EXTENSION.</p> <p>5. SEE SHEET C500 FOR CONTINUATION OF WATERMAIN EXTENSION.</p> <p>6. SEE SHEET C500 FOR CONTINUATION OF WATERMAIN EXTENSION.</p> <p>7. SEE SHEET C500 FOR CONTINUATION OF WATERMAIN EXTENSION.</p> <p>8. SEE SHEET C500 FOR CONTINUATION OF WATERMAIN EXTENSION.</p> <p>9. SEE SHEET C500 FOR CONTINUATION OF WATERMAIN EXTENSION.</p> <p>10. SEE SHEET C500 FOR CONTINUATION OF WATERMAIN EXTENSION.</p> <p>11. 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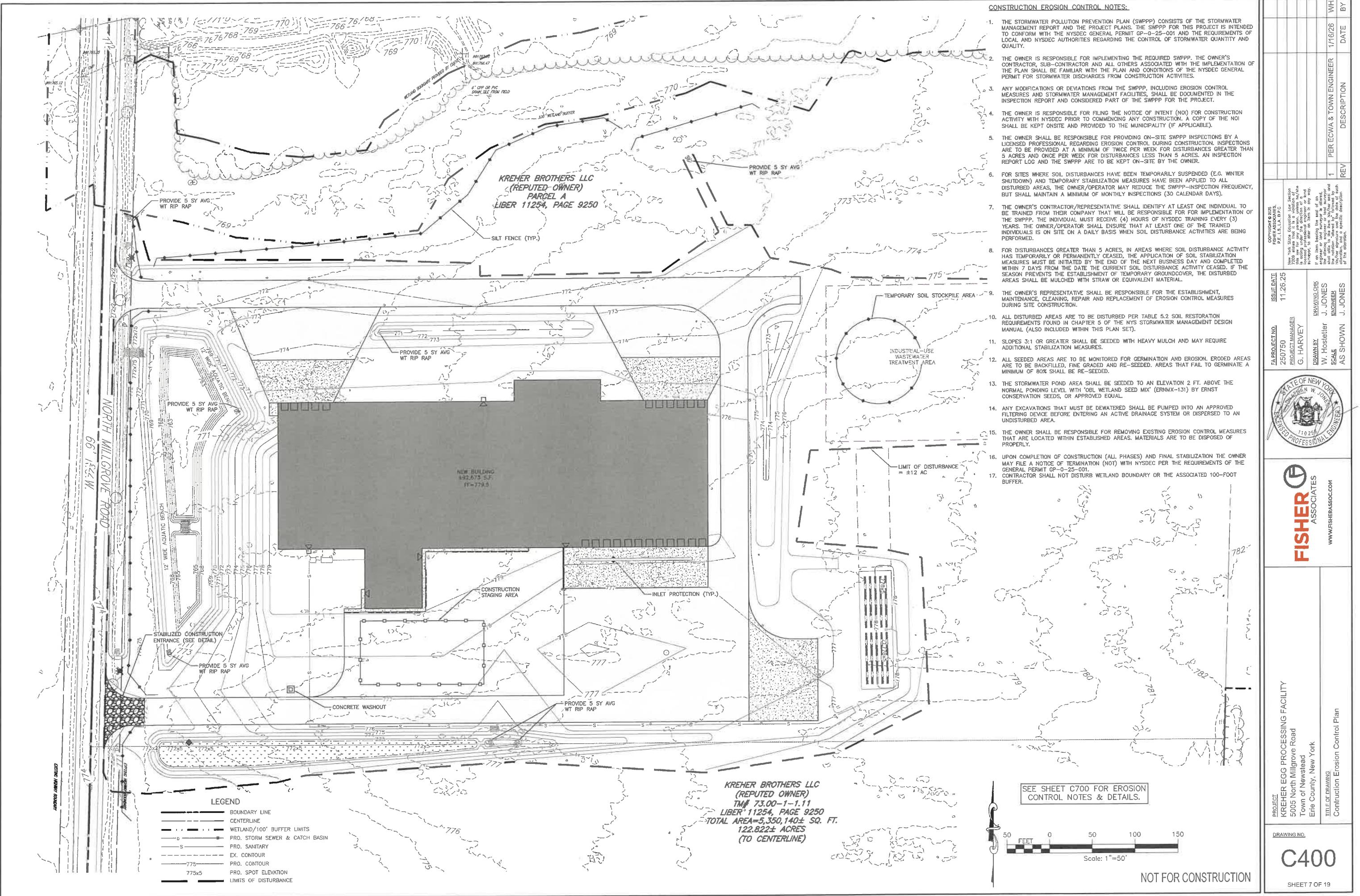
PROJECT KREHER EGG PROCESSING FACILITY 5005 North Millgrove Road Town of Newstead Erie County, New York		ISSUE DATE 11/26/25	Copyright © 2005 Fisher Associates P.O. Box 4000 West Seneca, NY 14224 This drawing is the property of Fisher Associates, Inc. It is to be used only for the project for which it was prepared and is not to be copied or used for any other purpose, without the written consent of Fisher Associates, Inc. If an altered drawing is required, it must be furnished by Fisher Associates, Inc. to the owner for review and approval before use. Any unauthorized use, copying or distribution of this drawing may result in criminal and/or civil liability.
DRAWING NO. Grading Plan		FA PROJECT NO. 250500	PROJECT MANAGER G. HARVEY
		DRAWN BY W. Hosteller	DRAFTER J. JONES ENGINEER J. JONES
		SCALE 1'=50'	DATE 1/16/26
		WH REV	BY PER COWA & TOWN ENGINEER
		DATE 1/16/26	WH REV

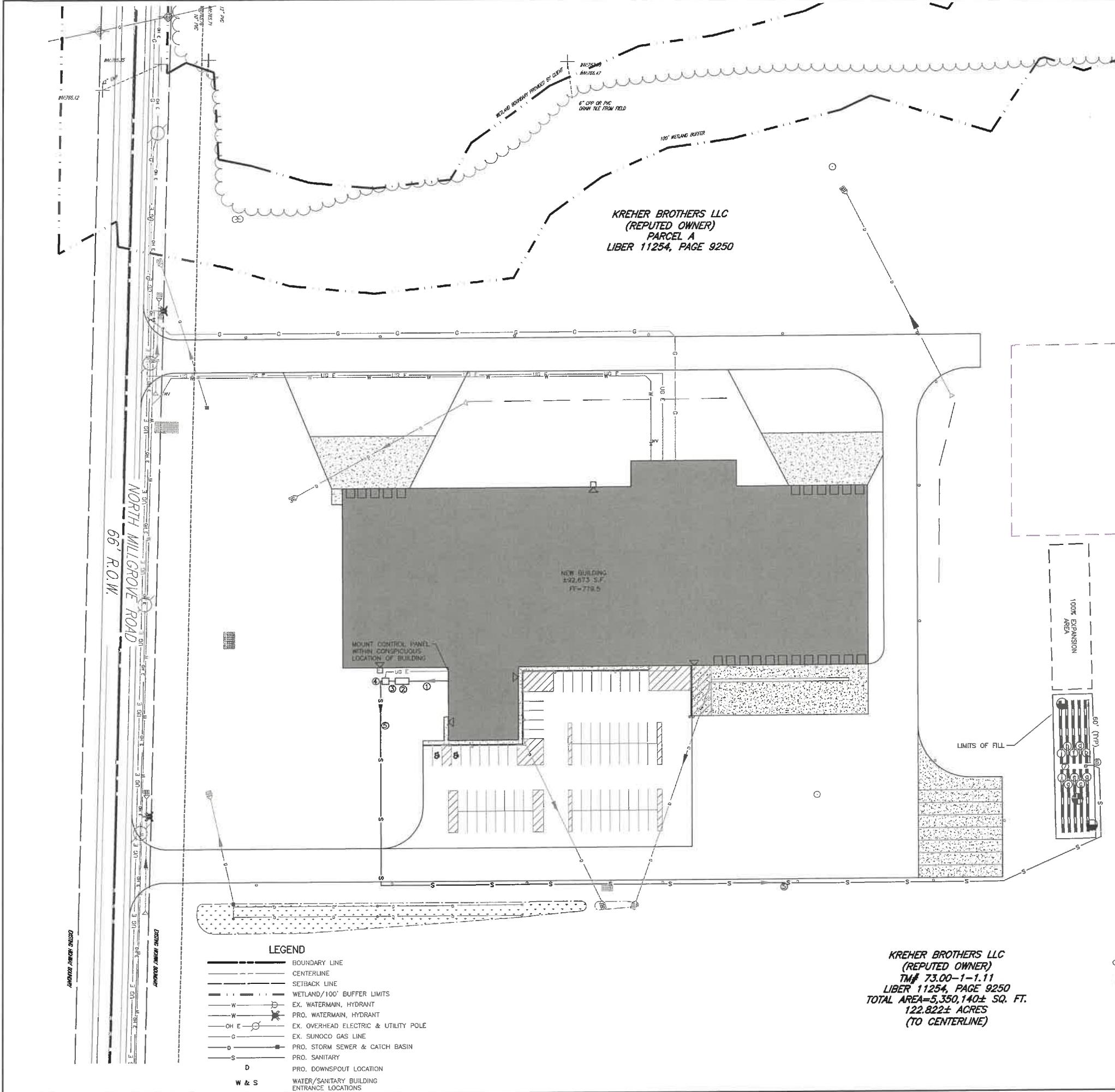
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C300

SHEET 6 OF 19





WASTEWATER TREATMENT SPECIFICATION LEGEND:

ALL STRUCTURES, PIPING AND OTHER COMPONENTS SHALL COMPLY WITH NYSDEC DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEM REQUIREMENTS, DATED MARCH 2014.

- BUILDING TO SEPTIC TANK: 37'-6" SCH. 40 PVC \odot 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 2000 GALLONS. TANKS MUST BE INSTALLED ON A 4" SAND OR PEA GRAVEL BASE (SEE DETAIL). MAINTAIN 10' MINIMUM SEPARATION DISTANCE BETWEEN BUILDING AND TANK.
- SEPTIC TANK TO PUMP TANK: 5'-4" SCH. 40 PVC \odot 1/8" PER FT MINIMUM, INSTALLED ON A 4" SAND OR PEA GRAVEL BASE.
- PUMP TANK TO BE 1500 GALLON KISTNER TANK OR EQUIVALENT AND SHALL BE EQUIPPED WITH ONE (1) GOULD'S PUMP MODEL WEO3L EFFLUENT PUMP (SEE DETAIL) OR EQUIVALENT. IF PUMP TANK IS ACCESSIBLE, IT MUST BE LOCKED TO PREVENT UNAUTHORIZED ACCESS. PUMP TANK SHALL BE INSTALLED ON A 4" SAND OR PEA GRAVEL BASE.
- 951'-1.25" 160 PSI FORCEMAIN BURIED AT MIN 48" DEEP. BACKFILL WITH 12" SELECT FILL FREE OF STONES OR USE SAND FILL.
- DISTRIBUTION BOX SHALL BE A 12 OUTLET MINIMUM KISTNER PRECAST CONCRETE BOX OR EQUAL (SEE DETAIL). A 5' SECTION OF 4" DIA. PVC PIPE \odot 2% MIN SHALL BE INSTALLED BETWEEN THE FORCEMAIN AND DISTRIBUTION BOX. D-BOX SHALL BE INSTALLED ON 12" SAND OR PEA GRAVEL BASE. PROVIDE FLOW EQUALIZATION DEVICES.
- PROPOSED SHALLOW MODIFIED ABSORPTION TRENCH WASTEWATER SYSTEM (SEE DETAIL) WITH PREFERRED FILL MATERIAL OF APPROXIMATELY THE SAME PERCOLATION RATE AS THE UNDERLYING PERMEABLE SOIL (16-20 MIN PERC RATE). AT LEAST TWO PERCOLATION TESTS SHALL BE PERFORMED WITHIN THE ABSORPTION AREA AFTER PLACEMENT AND PRIOR TO TRENCH INSTALLATION. FILL SHALL EXTEND 6" AROUND THE PROPOSED ABSORPTION TRENCHES. FILL MATERIAL, INCLUDING 6" TOPSOIL LAYER, SHALL NOT BE MORE THAN 30" DEEP ABOVE THE ORIGINAL GRADE. PREFERENCE IS FOR TRENCH BOTTOM TO EXTEND INTO THE IN-SITU SOILS TO PROMOTE VERTICAL DISTRIBUTION TO SOILS. ENGINEER SHALL INSPECT PRIOR TO AND AFTER FILL IS PLACED. INSTALL NEW LEACH LINES IN FILL MATERIAL. SEED, MULCH AND MAINTAIN AS LAWN. SEE "WASTEWATER TREATMENT SYSTEM DESIGN TABLE AND NOTES" FOR LENGTH, QUANTITY AND INVERTS OF LEACH LINES. PROVIDE END CAPS.

WASTEWATER TREATMENT BASIS OF DESIGN:

SEPTIC SYSTEM BASED ON NYSDEC DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS, DATED MARCH 2014

TABLE B-2: SEPARATION REQUIREMENTS
TABLE B-3: OFFICE-USE

ALL MINIMUMS MET
SIZING PER METHOD #1 OF NYSDEC INTERMEDIATE
SIZED WASTEWATER TREATMENT SYSTEM
60 EMPLOYEES \times 15 GPD = 900 GPD
TOTAL (Q) = 900 GPD
* 20% REDUCTION FOR INSTALLING WATER SAVING
FIXTURES
TOTAL (Q) = 720 GPD

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

0.7 GAL/SF/DAY (BASED ON 16-20 MIN PERC RATE)
(Q) / 0.7 GAL/SF/DAY = 1029 SF
1029 SF DISPERAL AREA REQUIRED
1029 / 2 SF PER FOOT OF TRENCH = 515 LF
515 LF OF LEACH REQUIRED

CHAPTER "D.6": SEPTIC TANK SIZING
GALLONS
720 GPD / 10 HR = 72 GALLONS/HR
72 GALLONS/HR \times 24 HR DETENTION = 1728
PROVIDE ONE (1) 2000 GALLON SEPTIC TANK

PROPOSED TREATMENT METHOD:
SHALLOW MODIFIED ABSORPTION SYSTEM WITH 600 LF OF LOW PROFILE LEACH FOR TREATMENT AND DISPERAL
WHEN 515 FT IS REQUIRED.

WASTEWATER TREATMENT SYSTEM DESIGN TABLE AND NOTES							
DESIGN PERC RATE (MIN)	SYSTEM DESIGN FLOW (GPD)	SEPTIC TANK (GAL.)	PUMP TANK (GAL.)	L.F. LEACH REQUIRED (FT)	LENGTH OF TRENCHES (FT)	NO. OF TRENCHES	L.F. OF LEACH PROVIDED (FT)
16-20	720	2000	1500	515	60	10	600

INVERT \odot BUILDING	SEPTIC TANK		PUMP TANK		DISTRIBUTION BOX		INVERT \odot BEGINNING OF LEACH LINE	LENGTH OF LEACH LINE	PIPE DROP ACROSS SYSTEM (FT)
	IN	OUT	IN	OUT	IN	OUT			
776.5	775.7	775.4	775.0	777.8	777.6	777.5	60'	-0.2'	
						777.5	60'	-0.2'	
						777.3	60'	-0.2'	
						777.3	60'	-0.2'	
						777.1	60'	-0.2'	
						777.1	60'	-0.2'	
						776.9	60'	-0.2'	
						776.9	60'	-0.2'	
						776.8	60'	-0.2'	
						776.8	60'	-0.2'	

SEE SHEET C803 FOR OFFICE-USE
SEPTIC DESIGN DETAILS.

SOIL DATA	
DEEP HOLE RESULTS	PERCOLATION TESTS
0-16" TOPSOIL	1: 7, 16, 16 MIN
16-24" DENSE SILTS W/ CLAY	2: 8, 18, 18 MIN
24-42" SAND	
42-72" DENSE SILT LOAM & 6" ROCK	

PUMP DOSE CALCULATIONS:

660 FT \times 0.053 GAL/FT = 431 GAL
431 GAL \times 0.75 = 323 GAL DOSE

FORCemain DRAINBACK:

934 FT \times 0.0638 GAL/FT = 59.6, USE 60 GAL
TOTAL DOSE = 383 GAL

PUMP TANK CALCULATIONS:

HEAD LOSS \odot 30 GPM (DOSE RATE)

PIPE LOSS - 1.5 FT/100FT = 14.2 FT

ELEVATION LOSS - 2.8 FT

FITTING LOSS - 1.0 FT

TOTAL LOSSES = 18 FT

PUMP DOSE - 383 GAL

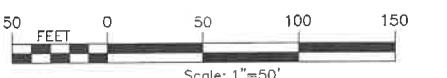
PUMP RUNTIME - 13 MINUTES (TO BE VERIFIED)

PUMP TANK VOLUME - 23.0 GALS/INCH

PUMP DOWN HEIGHT - 16.85"

RESERVE CAPACITY = 35.35"

EMERGENCY RESERVE VOLUME = 813 GAL

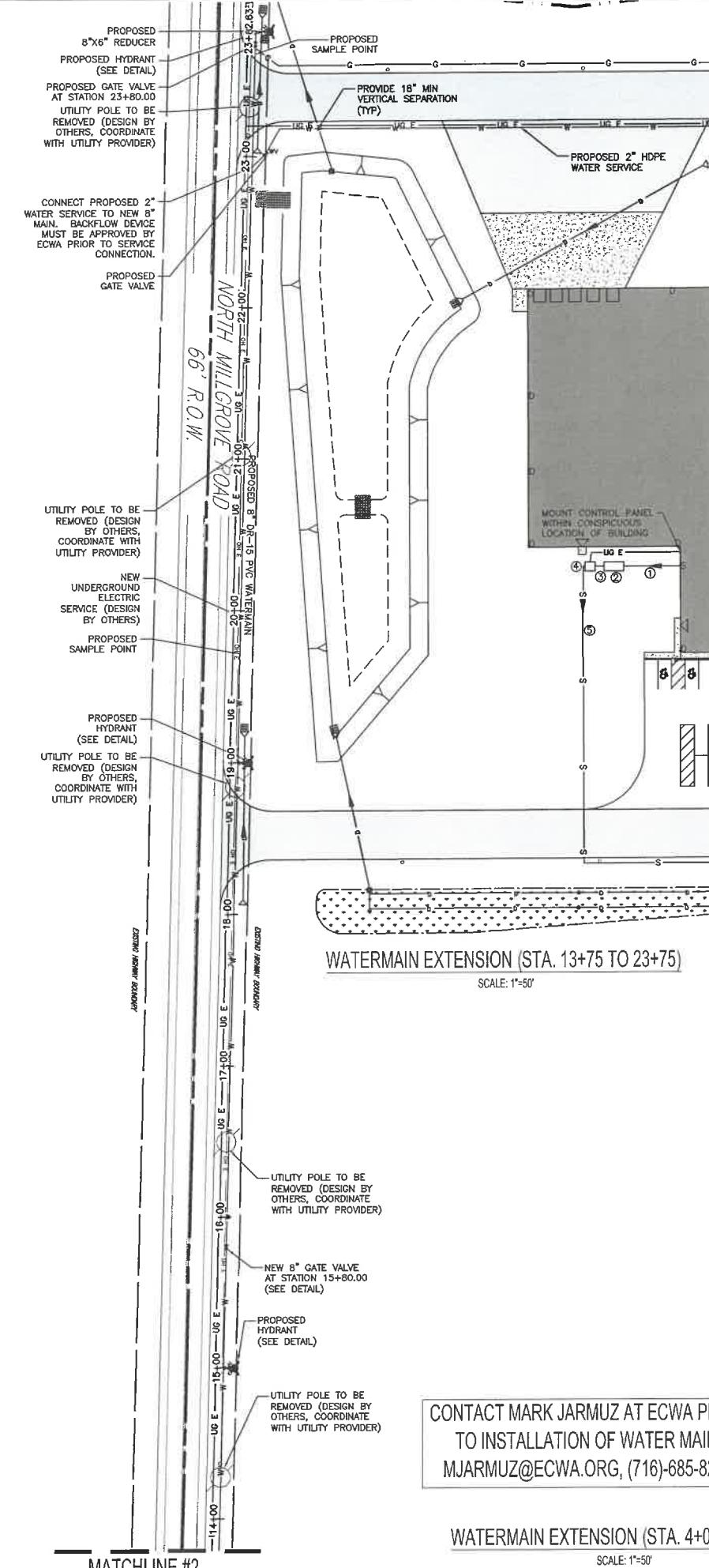


**KREHER BROTHERS LLC
(REPUTED OWNER)
TM# 73.00-1-1.11
LIBER 11254, PAGE 9250
TOTAL AREA=5,350,140± SQ. FT.
122.822± ACRES
(TO CENTERLINE)**

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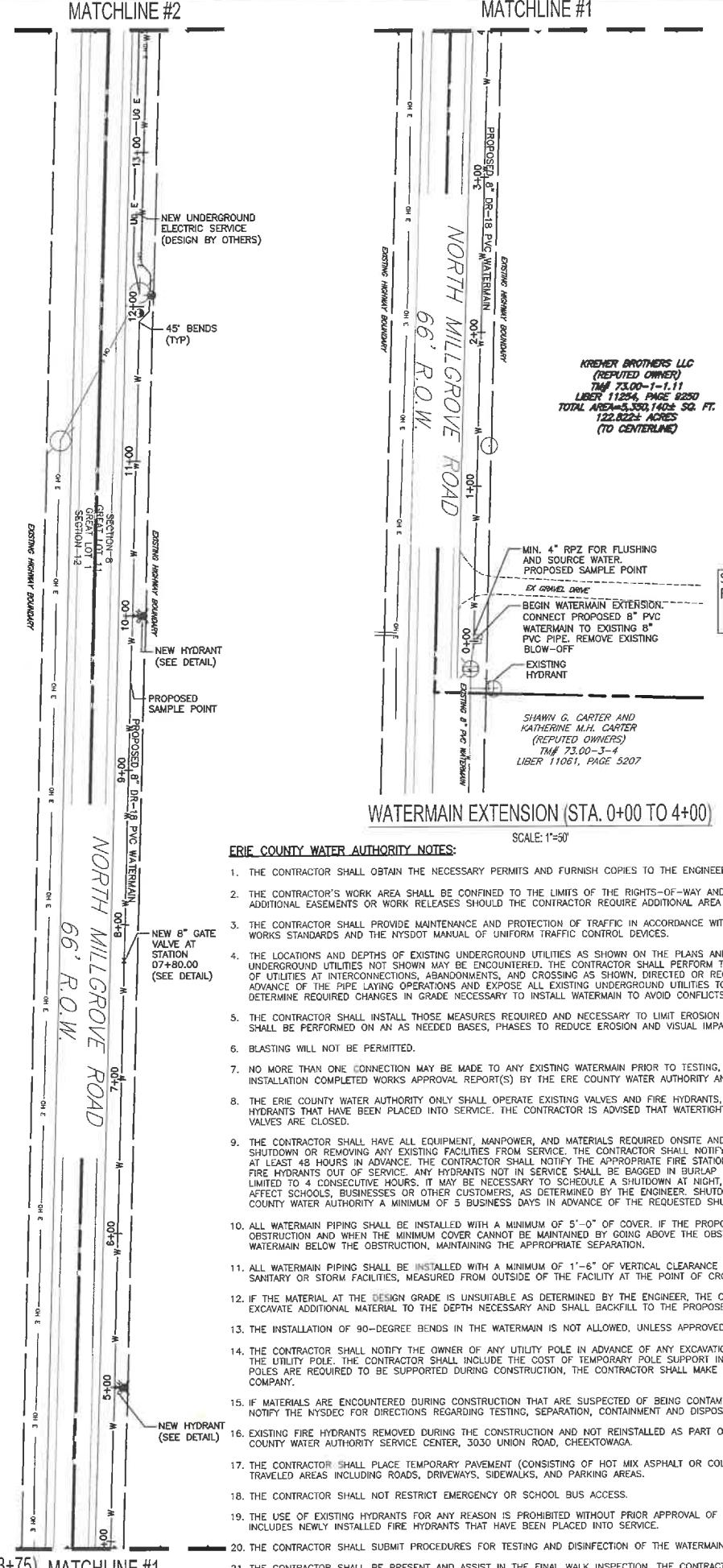
PROJECT KREHER EGG PROCESSING FACILITY 5005 North Millgrove Road Town of Newstead Erie County, New York		DRAWING NO. C500
DATE 11/26/2015		DESCRIPTION Wastewater Treatment Plan
ISSUE DATE 11/26/25	PROJECT MANAGER G. HARVEY	DRAWN BY J. JONES
DRAWING CHKS G. HARVEY	SCALE AS SHOWN	REV
<p>STATE OF NEW YORK J. JONES PROFESSIONAL ENGINEER 11/26/2015</p> <p>FISHER ASSOCIATES www.fisherassociates.com</p>		

FILE NAME: H:\Projects\25\250750-00-KreherNewstead\Eng\CAD\Cut\Design Base.dwg
DATE/TIME: 1/22/2026 9:25:03 AM
USER: Jonathan Jones



CONTACT MARK JARMEZ AT ECWA PRIOR
TO INSTALLATION OF WATER MAIN,
MJARMEZ@ECWA.ORG, (716)-685-8266

WATERMAIN EXTENSION (STA. 4+00 TO 13+75) MATCHLINE
SCALE: 1'=50'



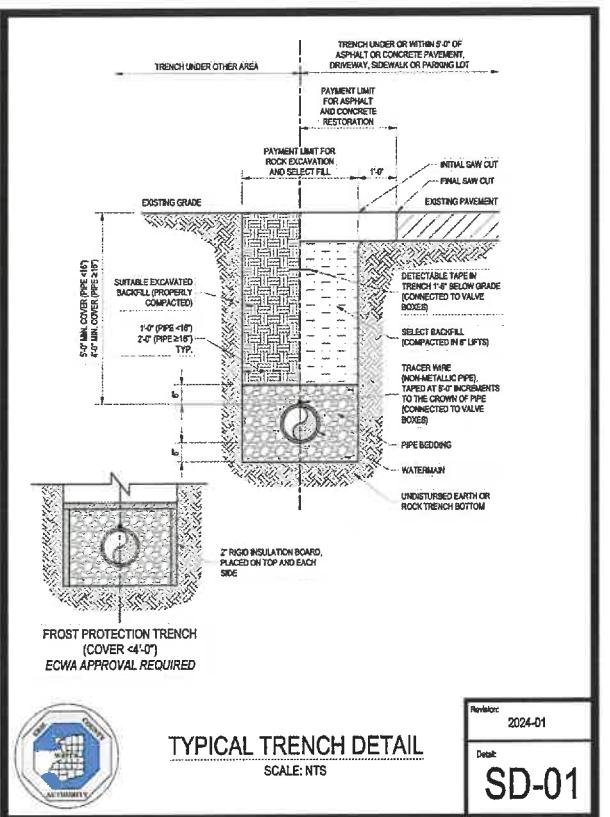
PROPOSED SAMPLE POINT
EX. GEMEL DRIVE
BEGIN WATERMAIN EXTENSION.
CONNECT PROPOSED 8" PVC
WATERMAIN TO EXISTING 8"
SEE SHEET C601 & C701
FOR WATERMAIN PROFILE
AND ADDITIONAL
WATERMAIN DETAILS.

SHAWN G. CARTER AND
KATHERINE M.H. CARTER
(REPUTED OWNERS)
TM# 73,00-3-4
LIBER 11061, PAGE 5207

SCALE: 1"=50'

ERIE COUNTY WATER AUTHORITY NO.

1. THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS AND FURNISH COPIES TO THE ENGINEER PRIOR TO COMMENCING WORK.
2. THE CONTRACTOR'S WORK AREA SHALL BE CONFINED TO THE LIMITS OF THE RIGHTS-OF-WAY AND EASEMENTS. THE CONTRACTOR SHALL OBTAIN ANY ADDITIONAL EASEMENTS OR WORK RELEASES SHOULD THE CONTRACTOR REQUIRE ADDITIONAL AREA TO ACCOMMODATE THEIR OPERATIONS.
3. THE CONTRACTOR SHALL PROVIDE MAINTENANCE AND PROTECTION OF TRAFFIC IN ACCORDANCE WITH THE ERIE COUNTY DEPARTMENT OF PUBLIC WORKS STANDARDS AND THE NYSDOT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
4. THE LOCATIONS AND DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THE PLANS AND PROFILES ARE APPROXIMATE. OTHER UNDERGROUND UTILITIES NOT SHOWN MAY BE ENCOUNTERED. THE CONTRACTOR SHALL PERFORM TEST PITS TO VERIFY THE LOCATION AND ELEVATION OF UTILITIES AT INTERCONNECTIONS, ABANDONMENTS, AND CROSSINGS AS SHOWN, DIRECTED OR REQUIRED. THE CONTRACTOR SHALL EXCAVATE IN ADVANCE OF THE PIPE LAYING OPERATIONS AND EXPOSE ALL EXISTING UNDERGROUND UTILITIES TO PREVENT DAMAGE DURING CONSTRUCTION AND TO DETERMINE REQUIRED CHANGES IN GRADE NECESSARY TO INSTALL WATERMAIN TO AVOID CONFLICTS.
5. THE CONTRACTOR SHALL INSTALL THOSE MEASURES REQUIRED AND NECESSARY TO LIMIT EROSION OF AREAS DISTURBED BY THE WORK. CLEARING SHALL BE PERFORMED ON AN AS NEEDED BASES, PHASES TO REDUCE EROSION AND VISUAL IMPACT.
6. BLASTING WILL NOT BE PERMITTED.
7. NO MORE THAN ONE CONNECTION MAY BE MADE TO ANY EXISTING WATERMAIN PRIOR TO TESTING, DISINFECTION, AND APPROVAL OF THE WATERLINE INSTALLATION COMPLETED WORKS APPROVAL REPORT(S) BY THE ERIE COUNTY WATER AUTHORITY AND THE ERIE COUNTY HEALTH DEPARTMENT.
8. THE ERIE COUNTY WATER AUTHORITY ONLY SHALL OPERATE EXISTING VALVES AND FIRE HYDRANTS, INCLUDING NEWLY INSTALLED VALVES AND HYDRANTS THAT HAVE BEEN PLACED INTO SERVICE. THE CONTRACTOR IS ADVISED THAT WATERTIGHT CONDITIONS MAY NOT EXIST WHEN EXISTING VALVES ARE CLOSED.
9. THE CONTRACTOR SHALL HAVE ALL EQUIPMENT, MANPOWER, AND MATERIALS REQUIRED ON SITE AND READY FOR USE PRIOR TO COMMENCING ANY SHUTDOWN OR REMOVING ANY EXISTING FACILITIES FROM SERVICE. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED CUSTOMERS OF ANY SHUTDOWNS AT LEAST 48 HOURS IN ADVANCE. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE FIRE STATIONS 48 HOURS IN ADVANCE PRIOR TO TAKING ANY FIRE HYDRANTS OUT OF SERVICE. ANY HYDRANTS NOT IN SERVICE SHALL BE BAGGED IN BURLAP OR BLACK PLASTIC. ANY SHUTDOWN SHALL BE LIMITED TO 4 CONSECUTIVE HOURS. IT MAY BE NECESSARY TO SCHEDULE A SHUTDOWN AT NIGHT, WEEKDAYS, OR OTHER OFF HOURS SO AS TO NOT AFFECT SCHOOLS, BUSINESSES OR OTHER CUSTOMERS, AS DETERMINED BY THE ENGINEER. SHUTDOWN REQUESTS SHALL BE SUBMITTED TO THE ERIE COUNTY WATER AUTHORITY A MINIMUM OF 5 BUSINESS DAYS IN ADVANCE OF THE REQUESTED SHUTDOWN DATE.
10. ALL WATERMAIN PIPING SHALL BE INSTALLED WITH A MINIMUM OF 5'-0" OF COVER. IF THE PROPOSED WATERMAIN CONFLICTS WITH A SUBSURFACE OBSTRUCTION AND WHEN THE MINIMUM COVER CANNOT BE MAINTAINED BY GOING ABOVE THE OBSTRUCTION, THE CONTRACTOR SHALL INSTALL THE WATERMAIN BELOW THE OBSTRUCTION, MAINTAINING THE APPROPRIATE SEPARATION.
11. ALL WATERMAIN PIPING SHALL BE INSTALLED WITH A MINIMUM OF 1'-6" OF VERTICAL CLEARANCE AND 10'-0" OF HORIZONTAL CLEARANCE FROM SANITARY OR STORM FACILITIES, MEASURED FROM OUTSIDE OF THE FACILITY AT THE POINT OF CROSSING.
12. IF THE MATERIAL AT THE DESIGN GRADE IS UNSUITABLE AS DETERMINED BY THE ENGINEER, THE CONTRACTOR WHEN ORDERED IN WRITING, SHALL EXCAVATE ADDITIONAL MATERIAL TO THE DEPTH NECESSARY AND SHALL BACKFILL TO THE PROPOSED GRADE WITH SELECT GRANULAR BACKFILL.
13. THE INSTALLATION OF 90-DEGREE BENDS IN THE WATERMAIN IS NOT ALLOWED, UNLESS APPROVED BY THE ERIE COUNTY WATER AUTHORITY.
14. THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY UTILITY POLE IN ADVANCE OF ANY EXCAVATION WORK THAT WILL TAKE PLACE WITHIN 5'-0" OF THE UTILITY POLE. THE CONTRACTOR SHALL INCLUDE THE COST OF TEMPORARY POLE SUPPORT IN THE APPROPRIATE BUD ITEM. WHERE UTILITY POLES ARE REQUIRED TO BE SUPPORTED DURING CONSTRUCTION, THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS WITH THE UTILITY COMPANY.
15. IF MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION THAT ARE SUSPECTED OF BEING CONTAMINATED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE NYSDEC FOR DIRECTIONS REGARDING TESTING, SEPARATION, CONTAINMENT AND DISPOSAL PROCEDURES.
16. EXISTING FIRE HYDRANTS REMOVED DURING THE CONSTRUCTION AND NOT REINSTALLED AS PART OF THE WORK SHALL BE RETURNED TO THE ERIE COUNTY WATER AUTHORITY SERVICE CENTER, 3030 UNION ROAD, CHEEKETOWAHA.
17. THE CONTRACTOR SHALL PLACE TEMPORARY PAVEMENT (CONSISTING OF HOT MIX ASPHALT OR COLD PATCH) IN ALL TRENCH EXCAVATIONS IN TRAVELED AREAS INCLUDING ROADS, DRIVEWAYS, SIDEWALKS, AND PARKING AREAS.
18. THE CONTRACTOR SHALL NOT RESTRICT EMERGENCY OR SCHOOL BUS ACCESS.
19. THE USE OF EXISTING HYDRANTS FOR ANY REASON IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE ERIE COUNTY WATER AUTHORITY. THIS INCLUDES NEWLY INSTALLED FIRE HYDRANTS THAT HAVE BEEN PLACED INTO SERVICE.
20. THE CONTRACTOR SHALL SUBMIT PROCEDURES FOR TESTING AND DISINFECTION OF THE WATERMAIN TO THE ENGINEER FOR APPROVAL.
21. THE CONTRACTOR SHALL BE PRESENT AND ASSIST IN THE FINAL WALK INSPECTION. THE CONTRACTOR SHALL PROVIDE SUFFICIENT PERSONNEL AND EQUIPMENT TO DEMONSTRATE TO THE ENGINEER THAT ALL VALVES, FIRE HYDRANTS, AND CURB STOPS OPERATE AS REQUIRED.



YPICAL TRENCH DETAIL

2024-01



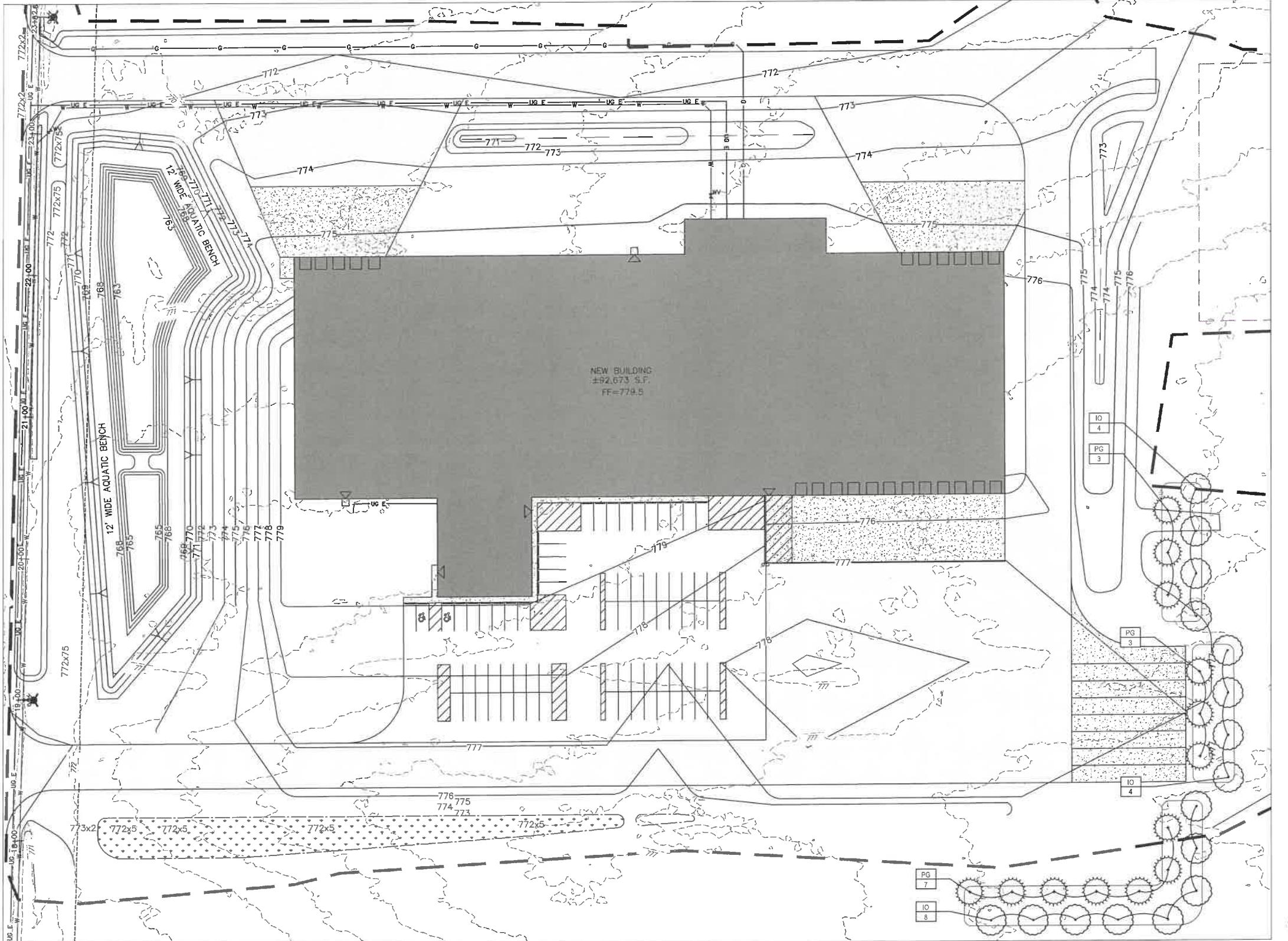
FISHER ASSOCIATES

WRECKER EGGS PROCESSING FACILITY
5005 North Millgrove Road
Town of Newstead
Erie County, New York

TITLE OF DRAWING Water Extension Plan

C600
SHEET 9 OF 19

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A scale drawing of a bridge. The drawing is 40 feet long. The scale is 1 inch equals 40 feet.

FEET NOTES - PLANTING

ALL PLANTING AREAS TO BE PREPARED AS SHOWN IN THE DETAILS.
ALL TREES TO COMPLY WITH APPLICABLE REQUIREMENTS OF ANSI 20.1
"AMERICAN STANDARD FOR NURSERY STOCK".
MAINTAIN AND WARRANTY ALL LIVING PLANT MATERIAL FOR ONE YEAR
FOLLOWING INSTALLATION. ANY PLANTS THAT HAVE DIED AFTER ONE YEAR
SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
ALL DISTURBED AREAS THAT ARE NOT SHOWN AS PAVED OR PLANTED BED
ARE TO BE SEEDED AS LAWN.

PLANTING SOIL SPECIFICATIONS

SOIL

REUSE SURFACE SOIL STOCKPILED ON-SITE. CLEAN SURFACE SOIL OF ROOTS, PLANTS, SOD, STONES, CLAY LUMPS, AND OTHER EXTRANEous MATERIAL HARMFUL TO PLANT GROWTH.

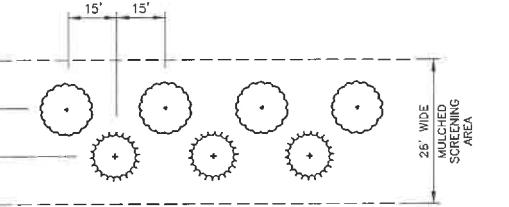
a. SUPPLEMENT WITH IMPORTED TOPSOIL FROM OFF-SITE SOURCES. EXAMINE IMPORTED TOPSOIL AND REMOVE FOREIGN MATERIALS, STONES OVER 1/2", AND ORGANIC DEBRIS OVER 2" IN LENGTH

PLANTING MIX FOR TREE PLANTINGS

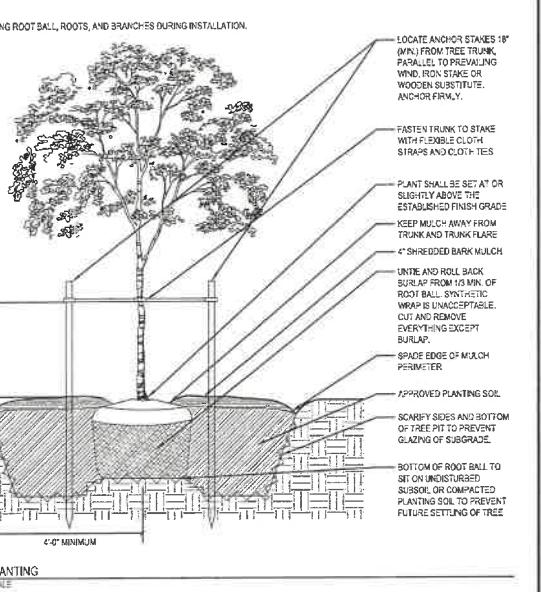
APPROXIMATE RATIO OF LOOSE COMPOST TO TOPSOIL BY VOLUME TO BE
1/3 COMPOST TO 2/3 TOPSOIL.

LANTING LIST

MBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COMMENTS
+	13	<i>Picea glauca</i>	White Spruce	6-8'	B&B	
•	16	<i>Ilex opaca</i>	American Holly	6-8'	B&B	



ULCH AND TREE SCREENING AREA
PLANTING DETAIL-NTS

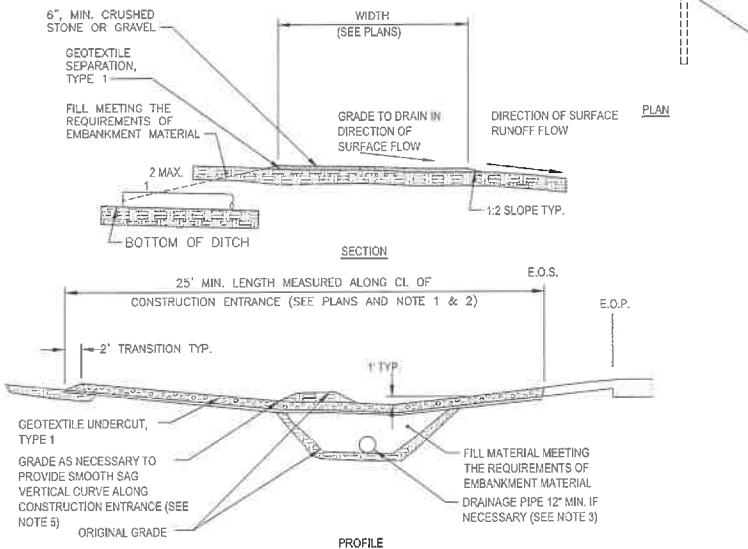


SHEET 11 OF 19

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SKewed ENTRANCE LAYOUT WIDTHS (W)					
ENTRANCE TYPE	SKew ANGLE (°)				
	60	75	90	105	120
ONE-WAY	14.0	12.5	12.0	12.5	14.0
TWO-WAY	28.0	25.0	24.0	25.0	28.0

NOTE:
FOR CORNER ANGLES NOT SHOWN IN TABLE, SEE NYSDOT "POLICY AND STANDARDS FOR ENTRANCES TO STATE HIGHWAYS, FEBRUARY 1998".
MINOR COMMERCIAL DRIVEWAYS.



APPLICATION NOTES:

- THE PURPOSE OF A STABILIZED CONSTRUCTION ENTRANCE IS TO REDUCE OR ELIMINATE THE TRACKING OF SEDIMENT ONTO ADJACENT CAMPUS STREETS.

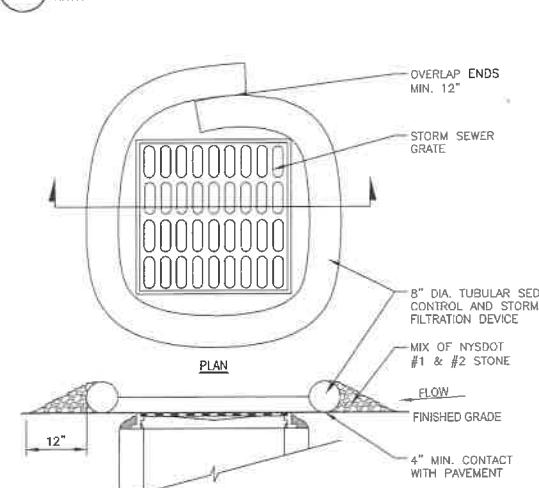
CONSTRUCTION SPECIFICATIONS:

- MODIFICATIONS MAY BE REQUIRED TO MATCH FIELD CONDITIONS AS DIRECTED BY THE PROJECT REPRESENTATIVE.
- A 30' WASH AREA SHALL BE PROVIDED CENTERED ON LOW POINT OF DRIVEWAY SAG VERTICAL CURVE. ADDITIONAL GRADING MAY BE REQUIRED TO PROVIDE WASHING AREA. WASHING SHALL BE PERFORMED AS NEEDED TO PREVENT TRACKING SEDIMENT ONTO LOCAL ROADWAYS.
- PROPOSED DRAINAGE PIPES SHALL BE SIZED WITH SUFFICIENT CAPACITY TO CARRY DITCH FLOWS. ALTERNATE WAYS OF TRANSPORTING DITCH DRAINAGE ACROSS CONSTRUCTION ENTRANCES MAY BE PROPOSED BY CONTRACTOR FOR APPROVAL BY THE PROJECT REPRESENTATIVE.
- THE CONTRACTOR SHALL GRADE TO PREPARE AND SMOOTH ORIGINAL GROUND FOR PLACEMENT OF 0.50' OF #3 CRUSHED STONE ENTRANCE MATERIAL UP TO THE EDGE OF PAVEMENT.
- THE CONTRACTOR SHALL RESTORE LAWN AND ROADWAY SHOULDER TO ORIGINAL CONDITION AT NO ADDITIONAL EXPENSE TO THE OWNER.

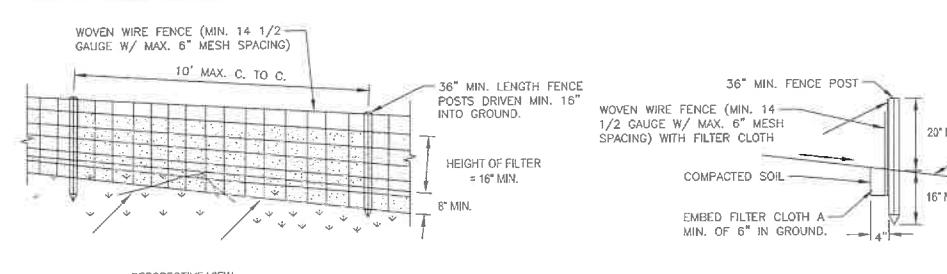
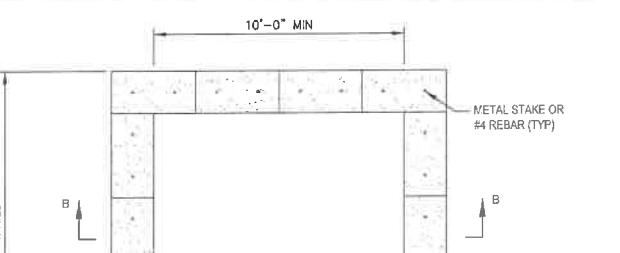
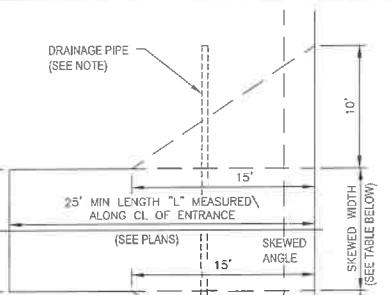
MAINTENANCE NOTES:

- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS THE TRACKING OF SEDIMENT ONTO THE CAMPUS ROADWAYS. THIS CAN BE DONE BY PROVIDING TOP DRESSING OF ADDITIONAL AGGREGATE.
- ALL SEDIMENT SPILLED, DROPPED, OR WASHED ONTO THE CAMPUS OR PUBLIC ROADWAYS SHOULD BE REMOVED IMMEDIATELY.

1 STABILIZED CONSTRUCTION ENTRANCE DETAIL



2 INLET PROTECTION DETAIL



APPLICATION NOTES:

- SILT FENCE SHALL BE USED IN SMALL AREAS WITH SHEET FLOW RUNOFF TO INTERCEPT SEDIMENT AND REDUCE RUNOFF VELOCITY.
- MAXIMUM SLOPE LENGTH FOR SLOPES FLATTER THAN 5:1 SHALL BE 100 FEET.
- MAXIMUM DRAINAGE AREA TO SILT FENCE SHALL NOT EXCEED $\frac{1}{4}$ ACRE PER 100' OF FENCE.

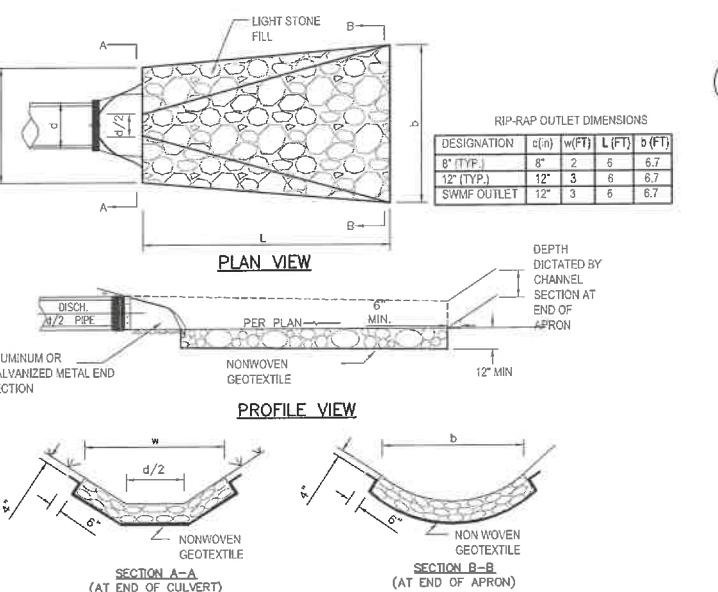
CONSTRUCTION SPECIFICATIONS:

- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS.
- POSTS SHALL BE A MINIMUM 36" LONG AND SHALL BE TYPE T OR U STEEL WEIGHING NOT LESS THAN 1.0 LBS PER SQ.FT.; OR HARDWOOD WITH A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES.
- FILTER CLOTH SHALL BE FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
- WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 14GA GAGE, 6" MAXIMUM MESH SPACING.
- PREFABRICATED UNITS SHALL BE ENVIROFENCE OR APPROVED EQUAL.

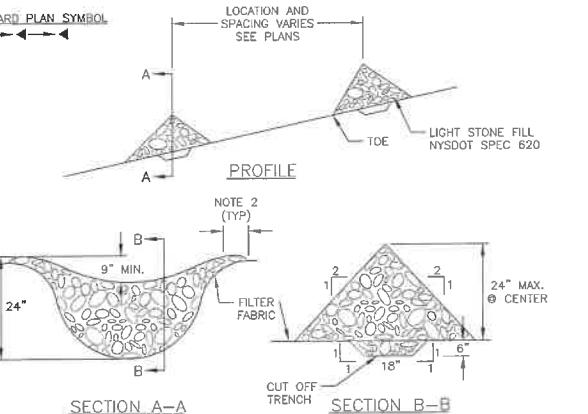
MAINTENANCE NOTES:

- INSPECT SILT FENCE ONCE A WEEK AND AFTER RAINFALLS, REMOVE AND REPLACE THE FABRIC WHEN BULGES DEVELOP IN THE SILT FENCE.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED, REPLACE ALL SILT FENCE EVERY 9-MONTHS OR AS DIRECTED BY THE PROJECT REPRESENTATIVE.
- UPON STABILIZATION OF THE SITE REMOVE SILT FENCE SO AS NOT TO BLOCK STORM FLOW OR DRAINAGE.

3 CONCRETE WASHOUT DETAIL



4 SILT FENCE DETAIL



APPLICATION NOTES:

- CHECK DAMS SHALL BE USED TO REDUCE EROSION IN DRAINAGE CHANNEL BY RESTRICTING THE VELOCITY OF FLOW IN THE CHANNEL.
- MAXIMUM DRAINAGE AREA ABOVE THE CHECK DAM SHALL NOT EXCEED 2-AACRES.

CONSTRUCTION SPECIFICATIONS:

- STONE SHALL BE PLACED ON FILTER FABRIC FOUNDATION.
- EXTEND THE STONE A MINIMUM OF 1.5-FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.

MAINTENANCE NOTES:

- INSPECT CHECK DAMS ONCE A WEEK AND AFTER RAINFALLS. REMOVE SILT FROM BEHIND DAM AS NEEDED TO PERMIT FLOW THROUGH THE DAM AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT OVER THE DAM.
- INSTALL STONE LINER IN CHANNEL UPSTREAM OF CHECK DAM IF SIGNIFICANT EROSION OCCURS.
- REPLACE STONES AS NEEDED TO MAINTAIN THE DESIGN CROSS SECTION OF THE STRUCTURES.
- UPON STABILIZATION OF THE SITE REMOVE CHECK DAMS SO AS NOT TO BLOCK STORM FLOW OR DRAINAGE.

5 ROCK OUTLET PROTECTION DETAIL

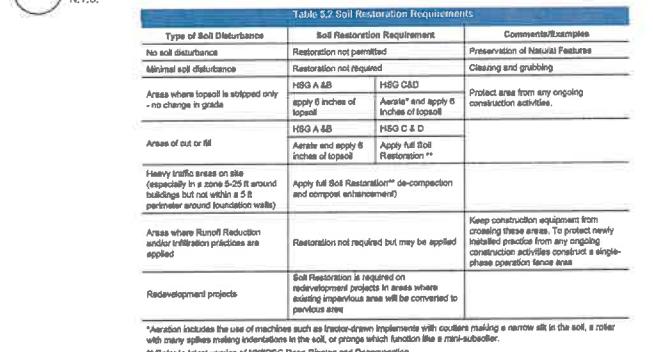


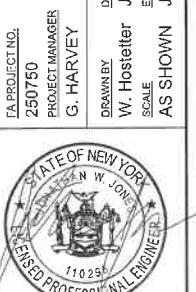
Table 5.2 Soil Restoration Requirements		
Type of Soil Disturbance	Soil Restoration Requirement	Comments/Examples
No soil disturbance	Restoration not permitted	Preservation of Natural Features
Minimal soil disturbance	Restoration not required	Cleaning and grubbing
Areas where topsoil is stripped only - no change in grade	HSG A & B Apply 6 inches of topsoil Aerate* and apply 6 inches of topsoil	Protect area from any ongoing construction activities.
Areas of cut or fill	HSG A & B HSG C & D Aerate and apply 6 inches of topsoil	
Heavy traffic areas on site (especially in a zone 2-25 ft around buildings but not within a 5 ft perimeter around foundation walls)	Apply full Soil Restoration** de-compaction and compost enhancement	Keep construction equipment from crossing these areas. To protect newly graded areas from any ongoing construction activities construct a single-phase operation fence area
Areas where Runoff Reduction and/or Infiltration practices are applied	Restoration not required but may be applied	
Redevelopment projects	Soil Restoration is required on redevelopment projects in areas where existing impervious area will be converted to pervious areas	

*Aeration includes the use of machines such as track-driven implements with cutters 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.

**Refer to latest version of NYDOE Deep-Ripping and Decomposition.

PROJECT	ECWA & TOWN ENGINEER	DATE	1/16/26

CONTRACTOR	ECWA & TOWN ENGINEER	DATE	1/16/26



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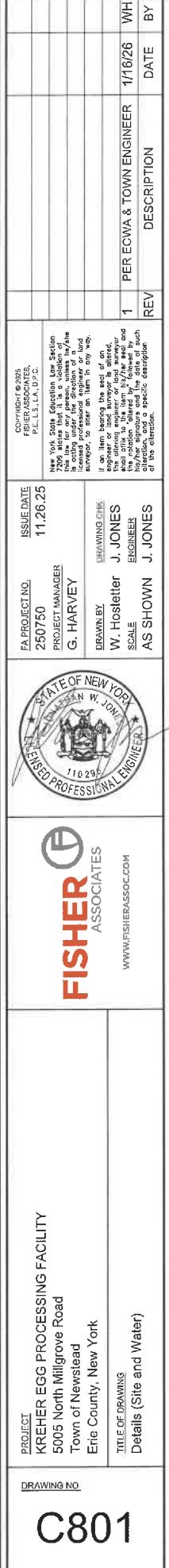
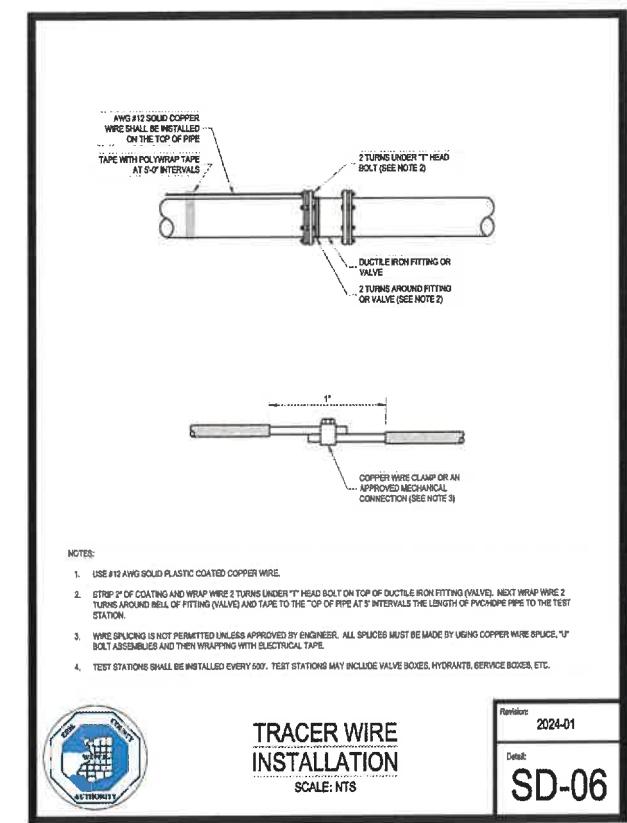
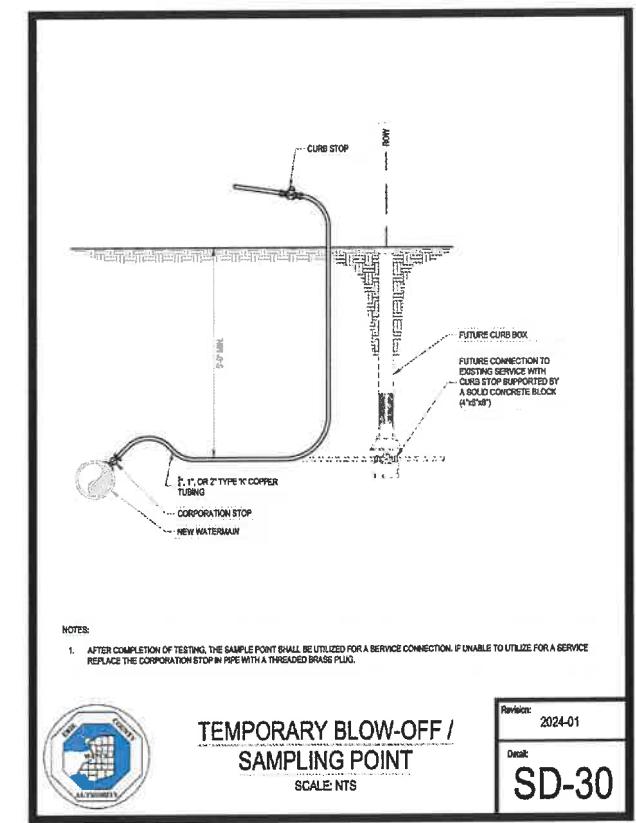
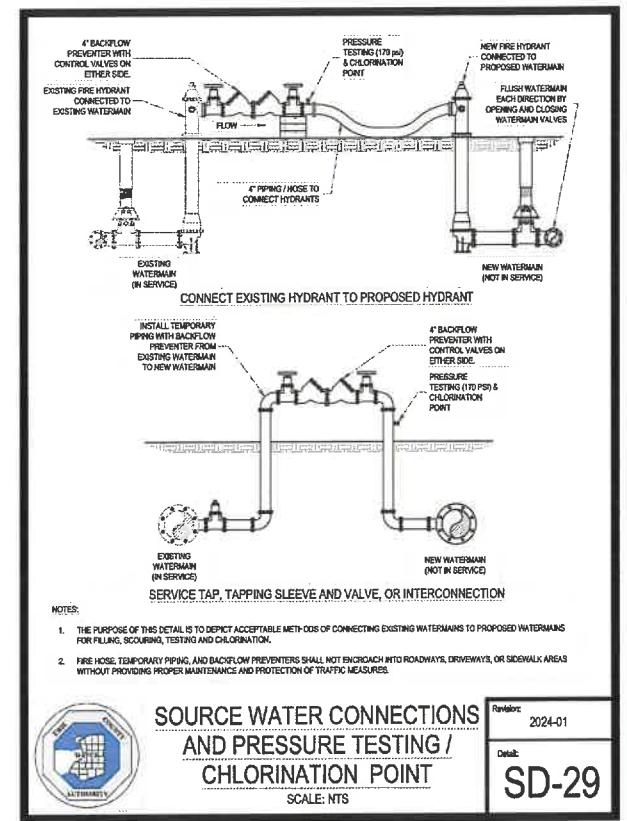
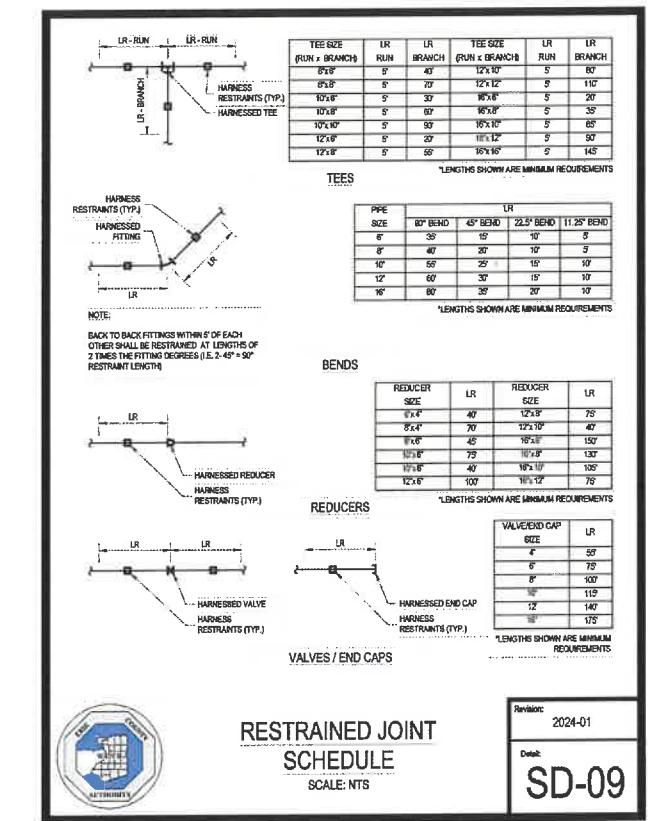
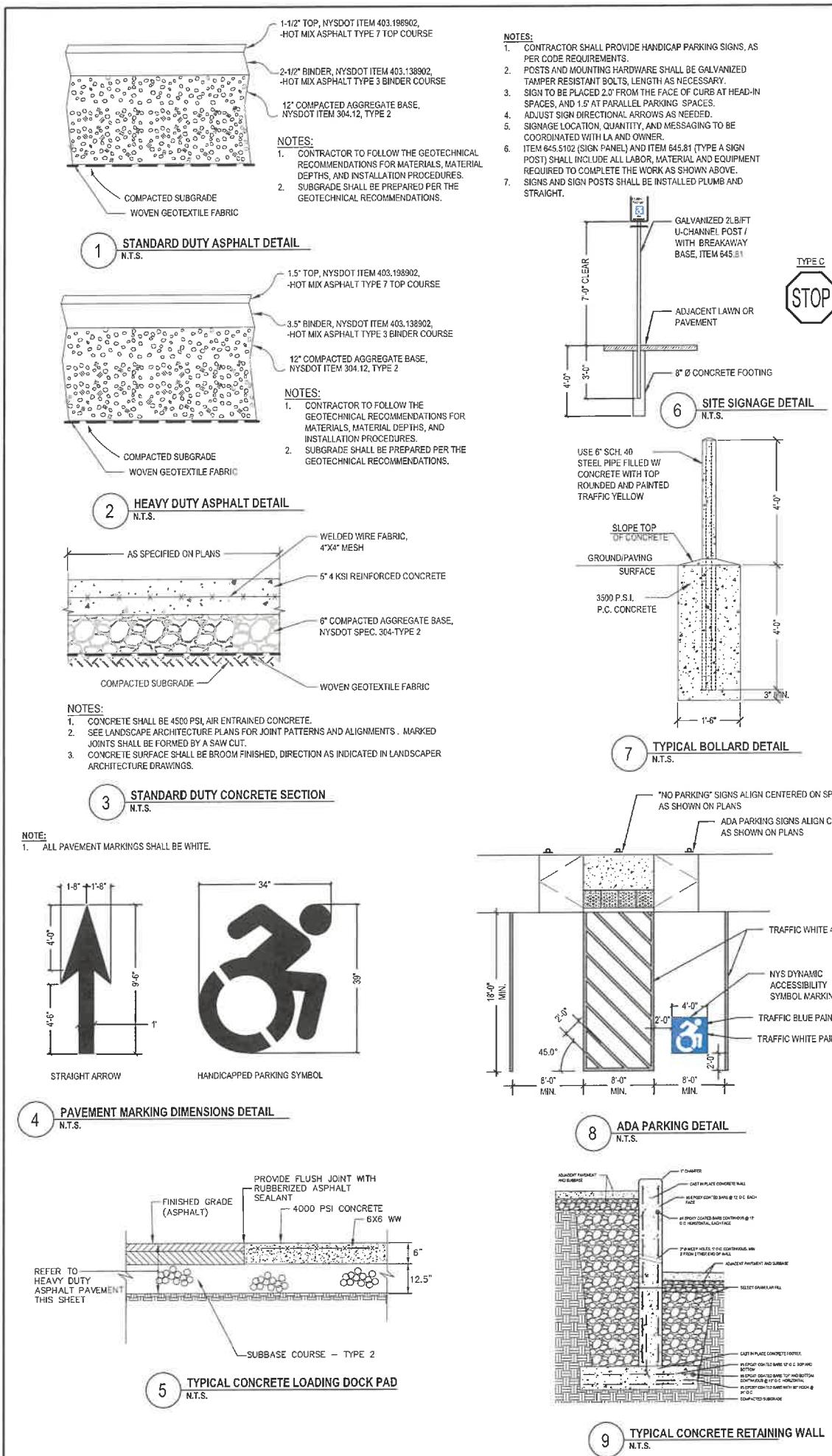
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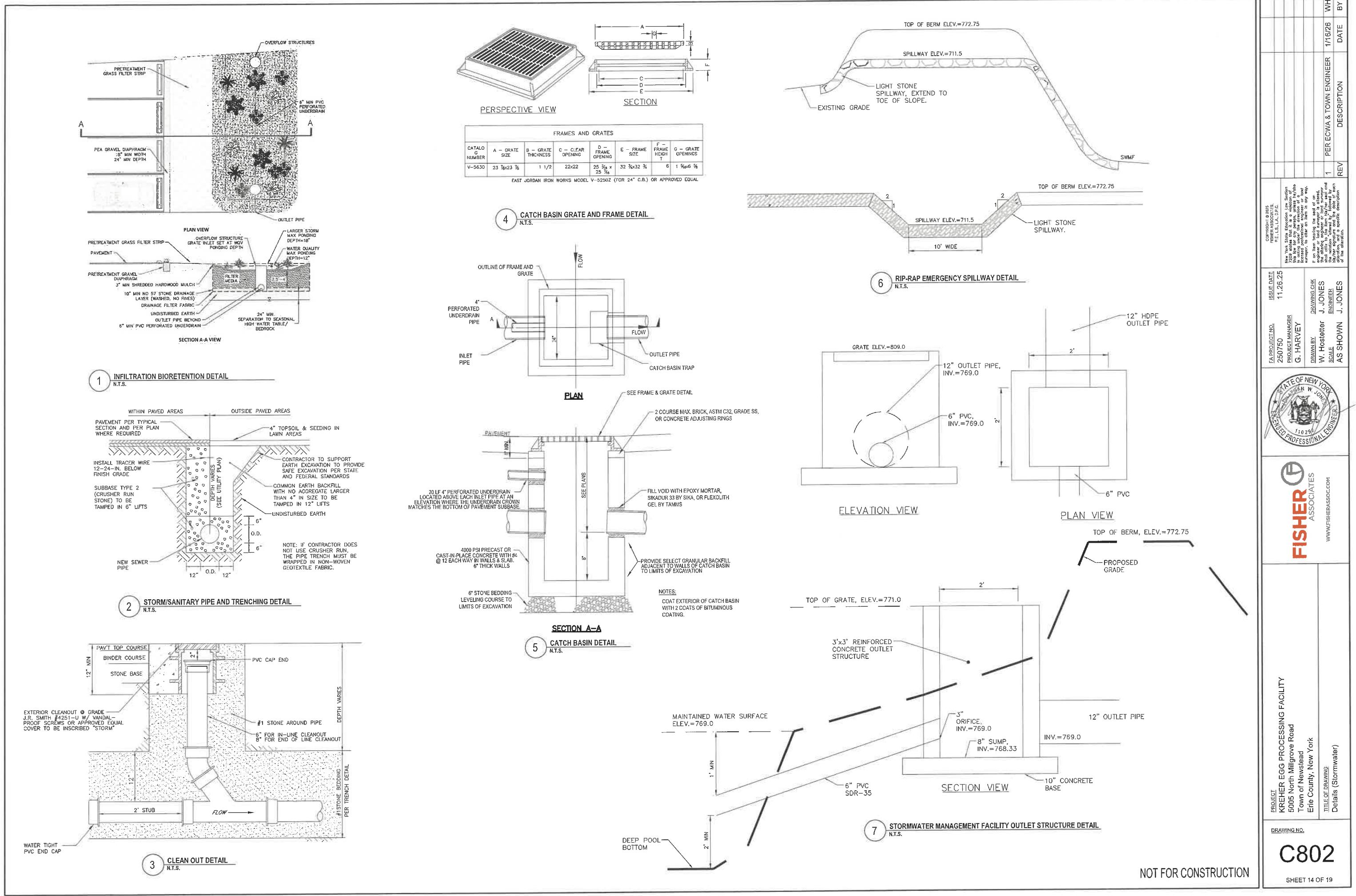
DETAILS (Erosion and Sediment Controls)

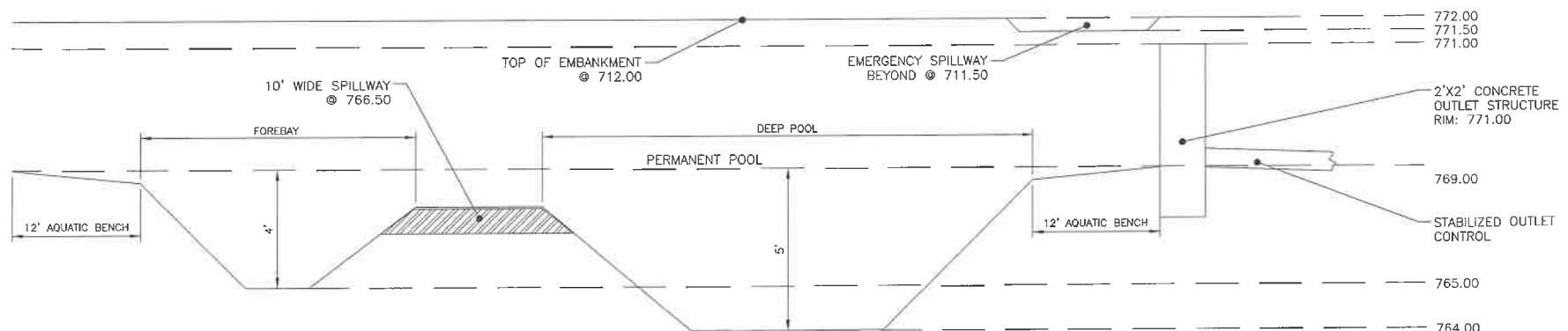
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C800

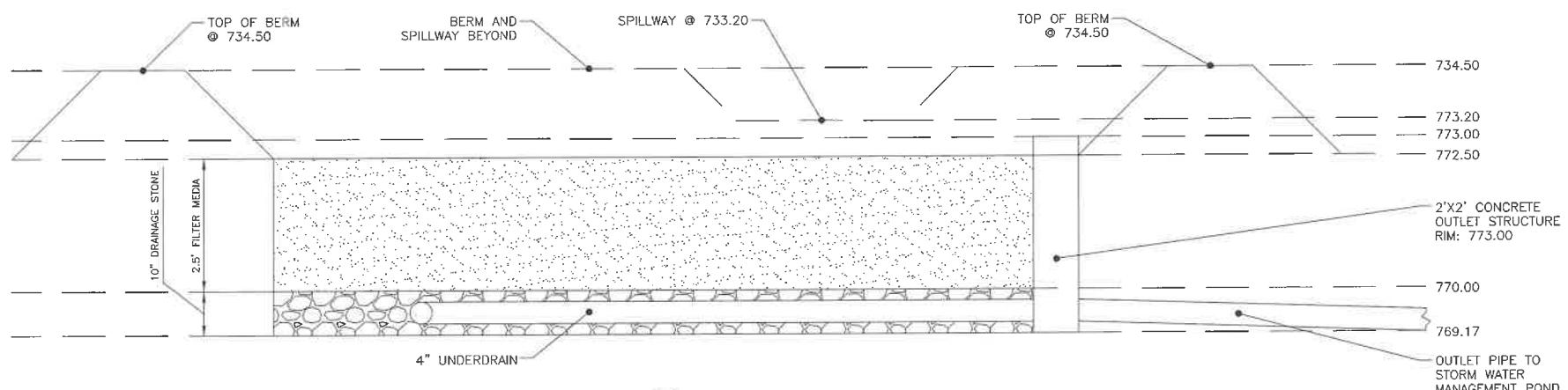
NOT FOR CONSTRUCTION







1 STORM WATER MANAGEMENT POND SECTION VI
N.T.S.



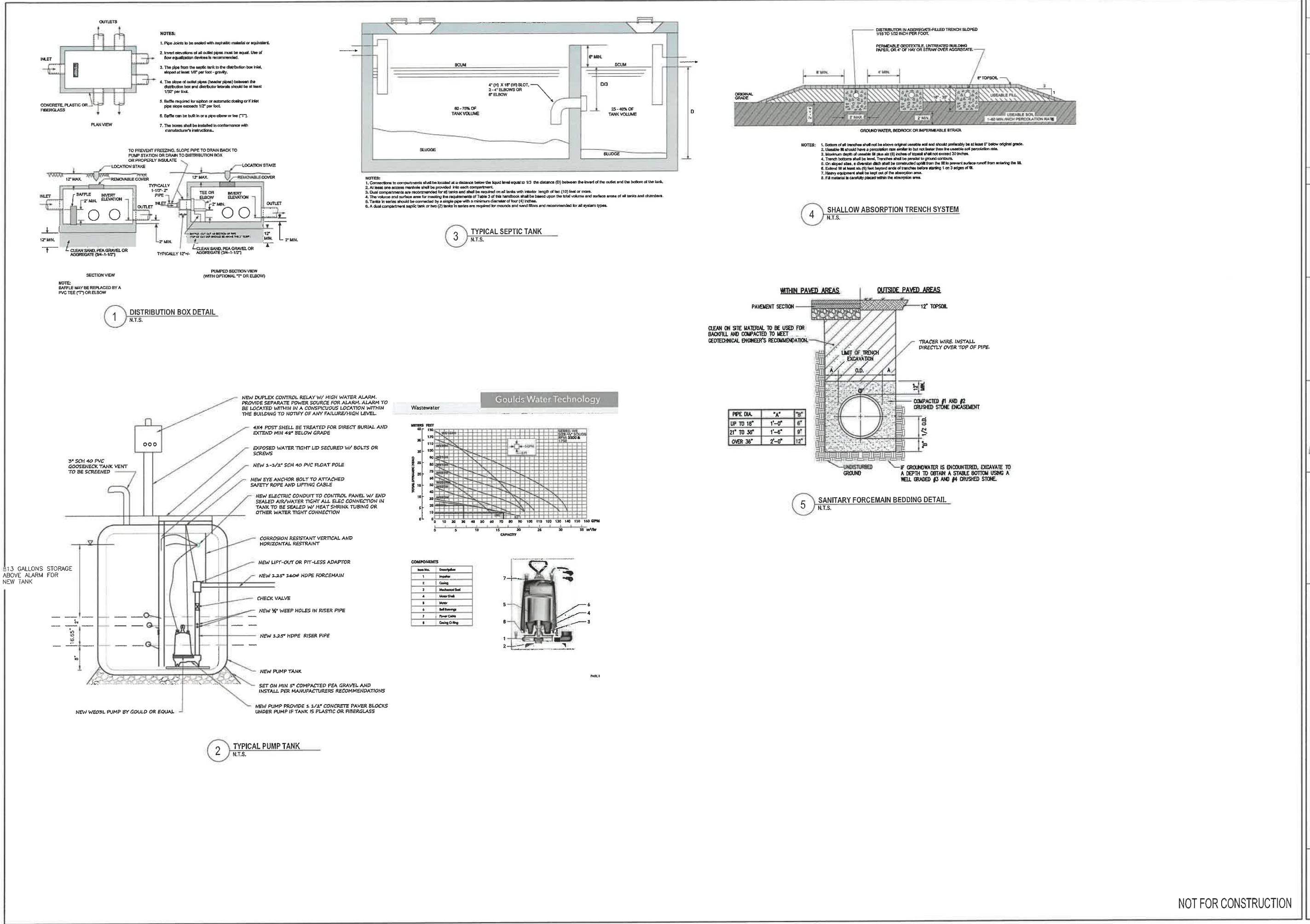
2 BIORETENTION AREA SECTION VI
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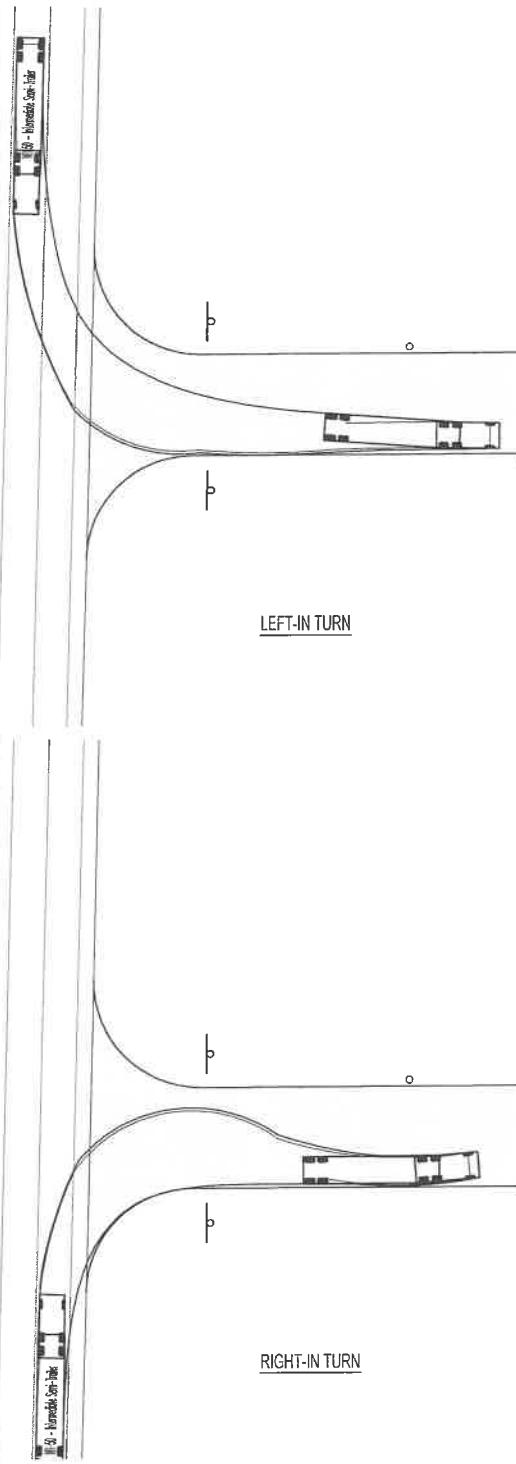
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DATE/TIME: 1/22/2026 9:26:04 AM
USER: Jonathan Jones

PROJECT	KREHER EGG PROCESSING FACILITY		
DRAWING NO.	2005 North Millgrove Road Town of Newstead Erie County, New York		
TITLE OF DRAWING	Details (Stormwater)		
DRAWING NO.	C803		
PROJECT NO.	250750	DATE	11/26/25
PROJECT MANAGER	G. HARVEY	REV	1
DRAWN BY	Drafter	PER	PER ECWA & TOWN ENGINEER
SCALE	DRAWING CHK	ECWA	11/16/26
AS SHOWN	CHECKER	BY	WH
ENGINEER	ENGINEER	DATE	BY

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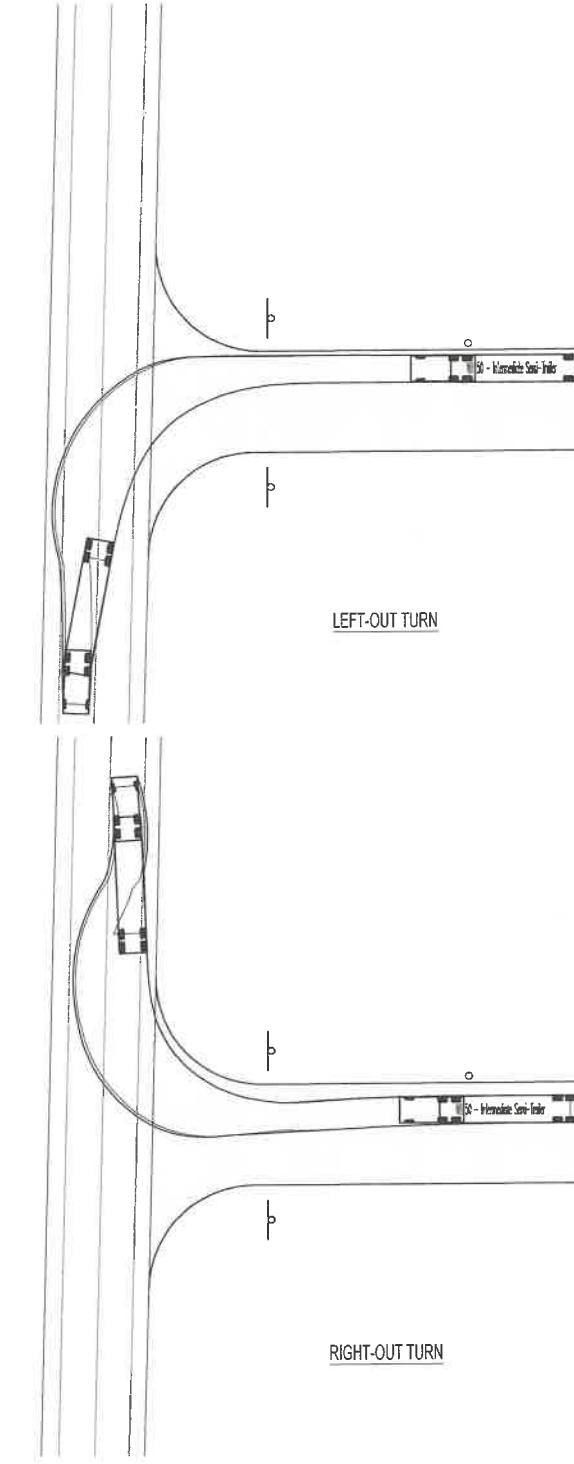
SHEET 15 OF 19



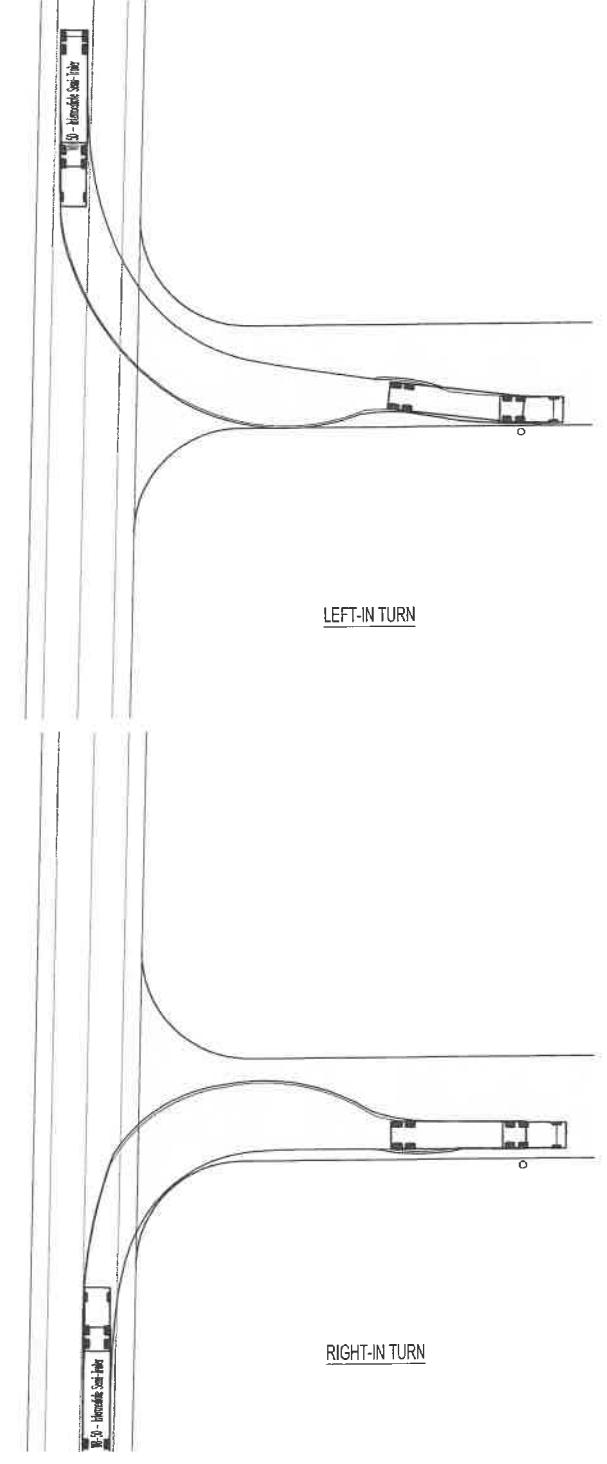


NORTH ENTRANCE TRUCK TURNS

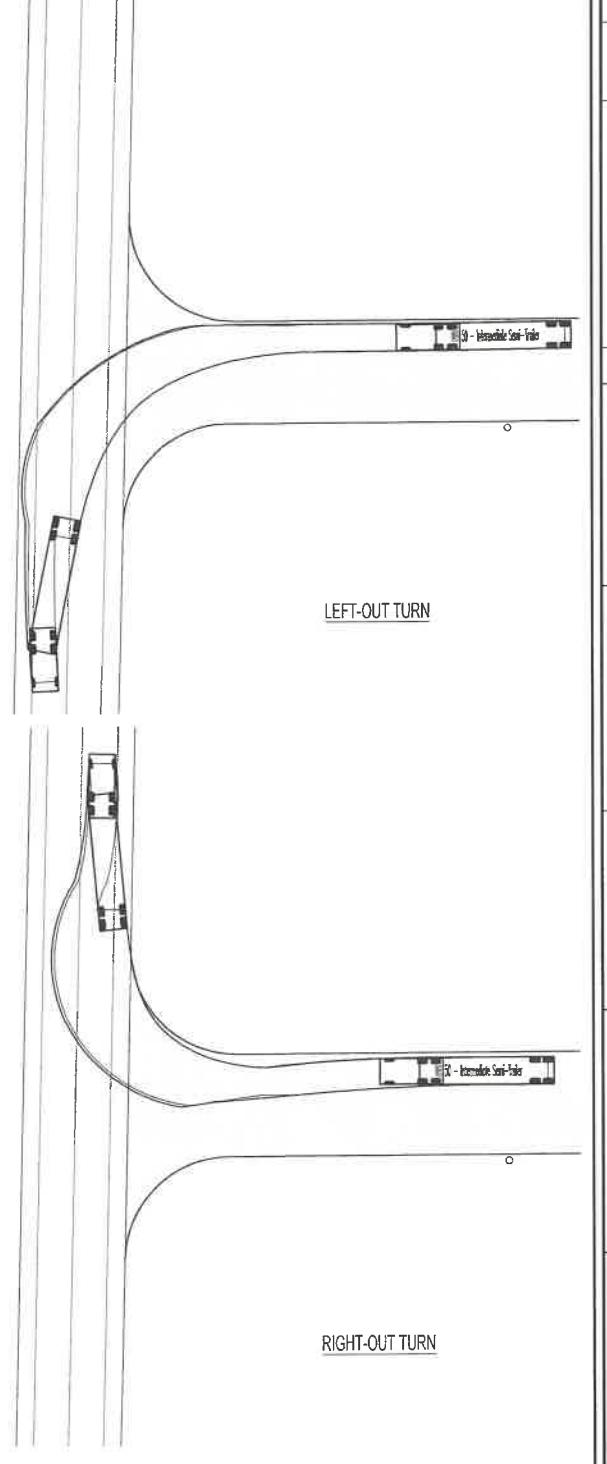
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RIGHT-OUT TURN



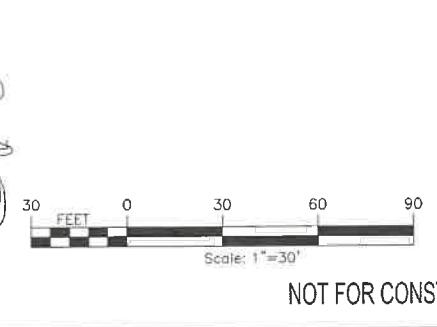
RIGHT-IN TURN



RIGHT-OUT TURN

SOUTH ENTRANCE TRUCK TURNS

SCALE: 1'=30'



NOT FOR CONSTRUCTION

PROJECT
 KREHER EGG PROCESSING FACILITY
 5005 North Millgrove Road
 Town of Newstead
 Erie County, New York
 TITLE OF DRAWING
 Truck Turning Plan

DRAWING NO.

C900

SHEET 17 OF 19



REHER BROTHERS LLC
REPUTED OWNER)
ARCEL A
4, PAGE 9250

KREHER BROTHERS LLC
(REPUTED OWNER)
PARCEL A
254, PAGE 9250

NEW BUILDING
±92,673 S.F.

EDGE OF PAVEMENT

EDGE OF PAVEMENT

EDGE OF PAVEMENT

KREHER BROTHERS LLC
(REPUTED OWNER)
TM# 73.00-
254, PAGE 9250
TOTAL AREA=5,350,
22.822± ACRES
(TO CENTERLINE)

UP NG 9

UP NG 404 NYT

UP NG

NORTH MILLGROVE ROAD

66' R.O.W.

EXISTING HIGHWAY BOUNDARY

REHER BROTHERS LLC
REPUTED OWNER)
73.00-
4, PAGE 9250
TOTAL AREA=5,350,
822± ACRES
(CENTERLINE)

PROJECT NAME: KREHER FAMILY FARMS
OFFLINE PROCESSING
NEWSTEAD NY

Project Status

DATE OF ISSUE _____ Project Issue Date _____
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DRAWN BY CME	CHECKED BY CDW	JOB NUMBER
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SITE PLAN - PHOTOMETRIC

1 SITE LIGHTING PLAN PHOTOMETRICS

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