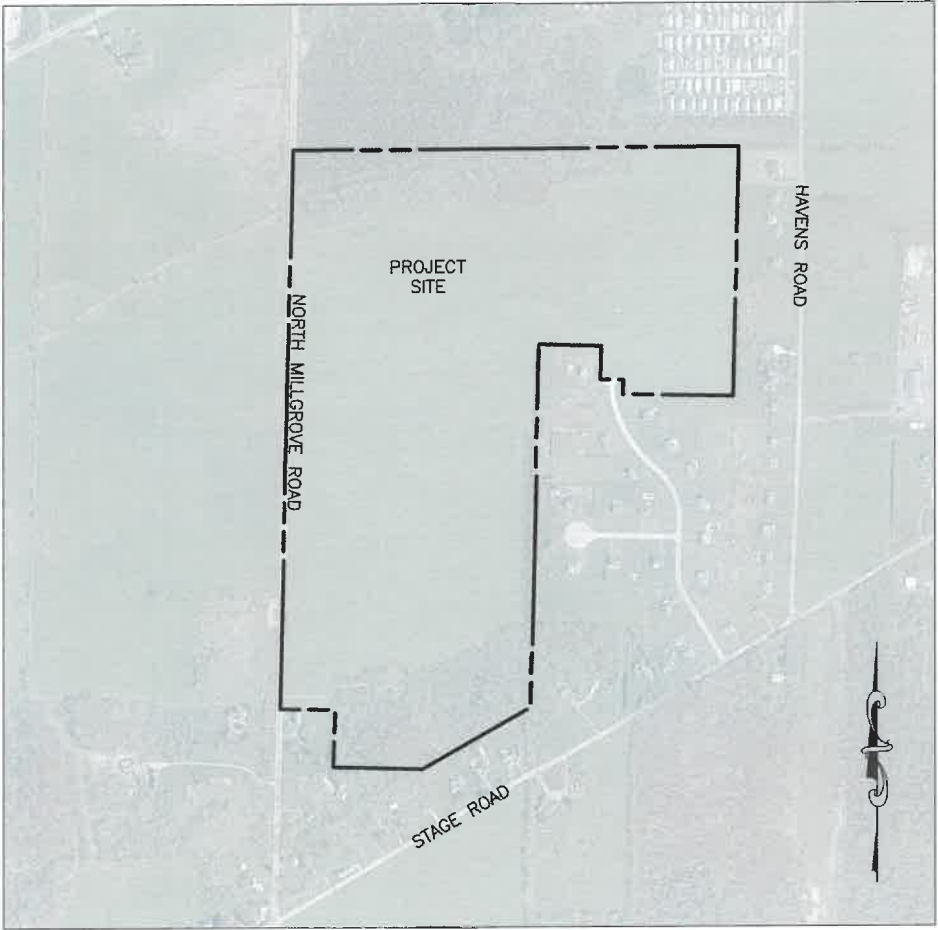


KREHER EGG PROCESSING FACILITY  
5005 NORTH MILLGROVE ROAD  
AKRON, ERIE COUNTY, NEW YORK 14001  
11/26/2025



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 IMEG)



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

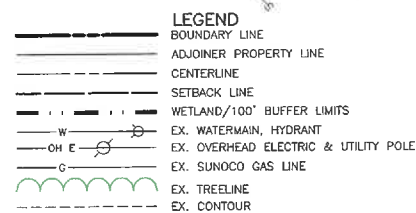
PREPARED BY:



NOT FOR CONSTRUCTION

PROJECT KREHER EGG PROCESSING FACILITY 5005 North Millgrove Road Town of Newstead Erie County, New York		DRAWING NO. <b>C000</b>		TITLE OF DRAWING Cover Sheet		FISHER ASSOCIATES WWW.FISHERASSOC.COM		STATE OF NEW YORK JONATHAN W. JONES 11029 REGISTERED PROFESSIONAL ENGINEER		EA PROJECT NO. 250750 PROJECT MANAGER G. HARVEY DRAWN BY W. Hostetter SCALE AS SHOWN		ISSUE DATE 11.26.25 DRAWING CHS J. JONES ENGINEER J. JONES		COPYRIGHT © 2025 FISHER ASSOCIATES ALL RIGHTS RESERVED This drawing is the property of Fisher Associates, Inc. and is to be used only for the project and location specified on the title block. No part of this drawing may be reproduced or transmitted in any form or by any means electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Fisher Associates, Inc. The user of this drawing acknowledges that the user is not a party to the contract between the client and Fisher Associates, Inc. and that the user is not to be held responsible for any errors or omissions in this drawing. The user is to be held responsible for the accuracy of the information provided to Fisher Associates, Inc. and for the accuracy of the information provided to the client.		New York State Education Law, Section 240.2, requires that all drawings be signed by a registered professional engineer or a licensed professional architect or a licensed professional landscape architect, and that the signature and seal of the professional be placed on the drawing.		1		PER ECWA & TOWN ENGINEER		1/16/26		WH		BY	
												REV		DESCRIPTION		DATE											





1. COORDINATES AND NORTH ORIENTATION SHOWN HEREON ARE REFERENCED TO THE NEW YORK STATE PLANE COGNATE SYSTEM, WEST ZONE, TRANSVERSE MERCATOR PROJECTION, NAD 83 (2011) EPOCH 2010.00 USING GPS PROCEDURES AND THE NEW YORK STATE DOT CORS NETWORK.
2. ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATE OF 1988 (GEOID 18) USING GPS PROCEDURES.
3. SURFACE ELEVATION DATA SHOWN HEREON WAS GENERATED FROM UAV LIDAR DATA COLLECTED BY FISHER ASSOCIATES ON SEPTEMBER 30, 2025.
4. SURVEYED SPOT ELEVATIONS WERE USED TO COMPUTE THE RELATIVE VERTICAL ACCURACY OF THE SURFACE SHOWN.
5. THE UAV LIDAR SURFACE DATA MEETS THE 95% CONFIDENCE LEVEL FOR RMSE CLASS IV OF 19.6 CM, OR 0.6 FT FOR NON-VEGETATED AREAS, ACCORDING TO THE 2014 VERTICAL ACCURACY STANDARDS DEVELOPED BY THE AMERICAN SOCIETY FOR PHOTOGRAMMETRY AND REMOTE SENSING (ASPRS).
6. UNDERGROUND UTILITIES SHOWN HEREON ARE PLACED FROM RECORD PLANS RECEIVED THROUGH THE UDIGN NY SYSTEM AND LOCATED FIELD EVIDENCE. THE LOCATIONS OF ALL UNDERGROUND UTILITIES SHOULD BE STAKED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO ANY CONSTRUCTION.
7. PROPERTY AND EASEMENT LINES SHOWN HEREON DETERMINED FROM FIELD EVIDENCE AND DEED RESEARCH. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE WHICH MAY SHOW EASEMENTS AND ENCUMBRANCES NOT SHOWN HEREON.

**PROJECT**  
**KREHER EGG PROCESSING FACILITY**  
5005 North Millgrove Road  
Town of Newstead  
Erie County, New York

EX100

SHEET 2 OF 19

REVIEW	DESCRIPTION	1/16/26	WH BY
	PER ECWA & TOWN ENGINEER		

[illegible]

ISSUE DATE <b>11.26.25</b>	DRAWING CHK <b>CHECKER</b> ENGINEER <b>ENGINEER</b>
A PROJECT NO. <b>250750</b>	DRAWN BY <b>Drafter</b> SCALE <b>AS SHOWN</b>
PROJECT MANAGER <b>G. HARVEY</b>	



**FISHER**  
ASSOCIATES

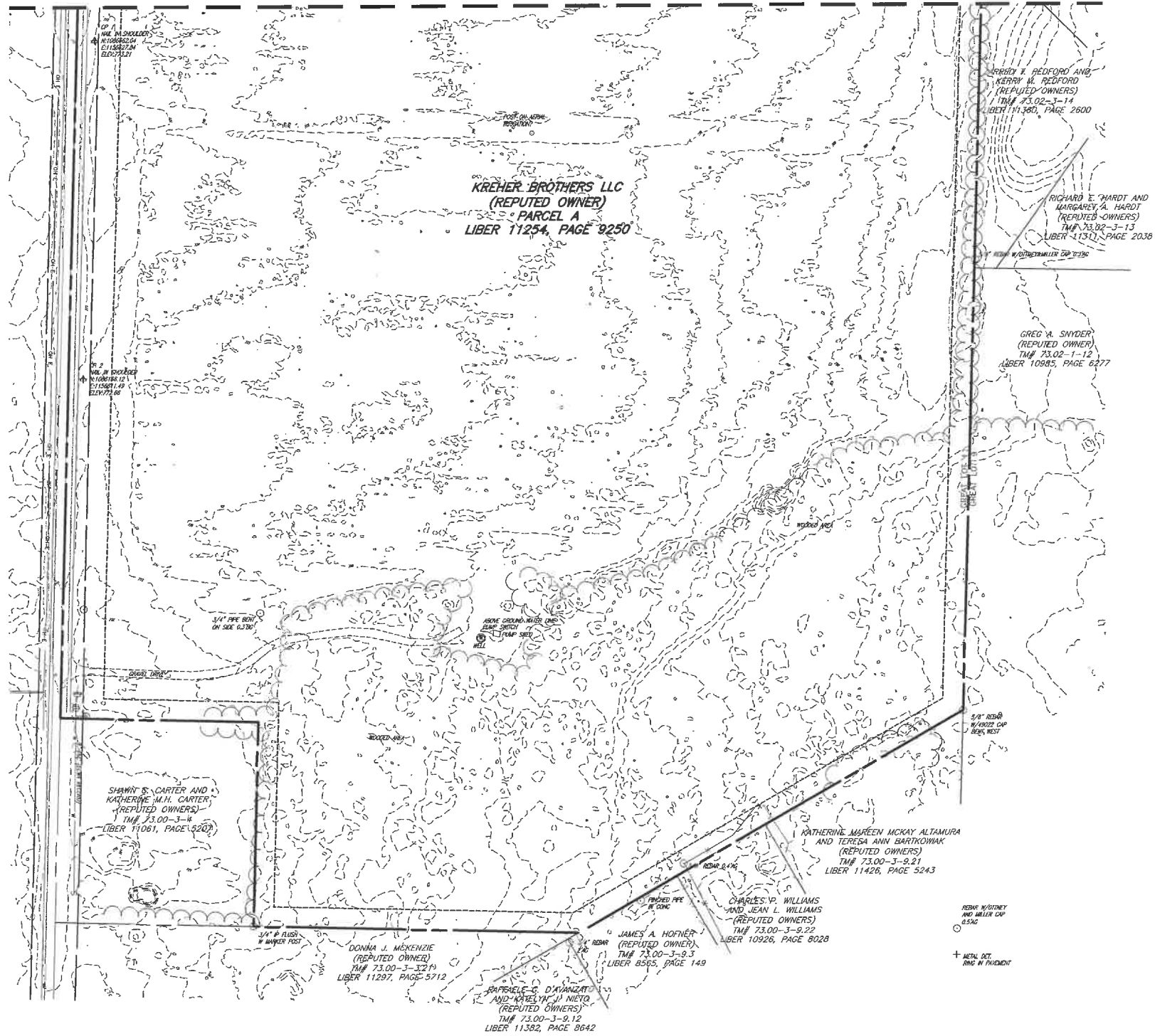
[WWW.FISHERASSOC.COM](http://WWW.FISHERASSOC.COM)

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USER: Jonathan Jones



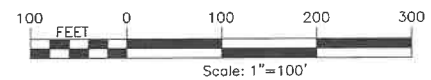
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USER: Jonathan Jones

SEE SHEET EX100



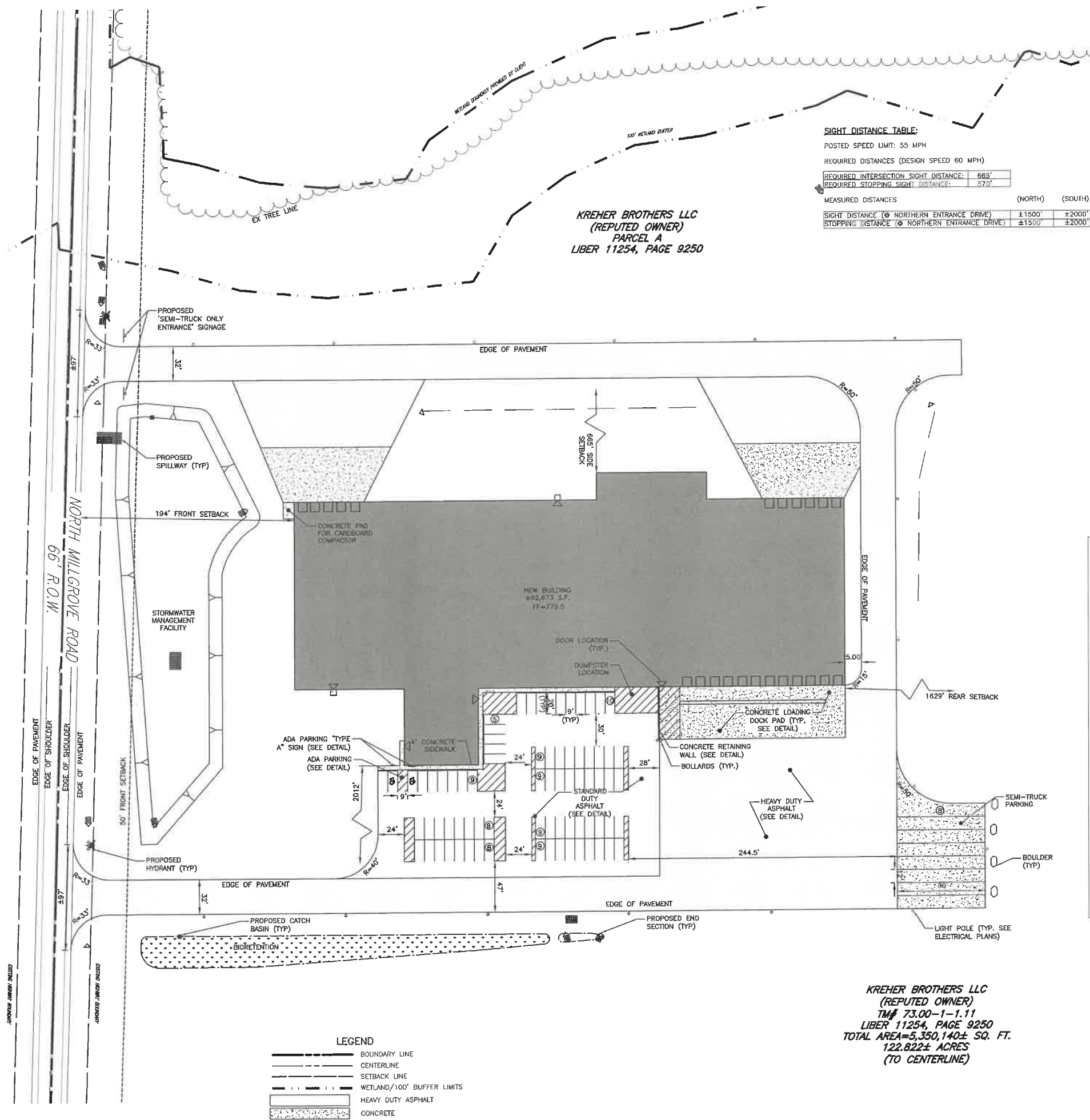
**LEGEND**

	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



NOT FOR CONSTRUCTION

PROJECT KREHER EGG PROCESSING FACILITY 5005 North Millgrove Road Town of Newstead Erie County, New York		TITLE OF DRAWING Existing Conditions Plan		DRAWING NO. <b>EX200</b>		SHEET 3 OF 19	
 <a href="http://WWW.FISHERASSOC.COM">WWW.FISHERASSOC.COM</a>				EA PROJECT NO. 250750 PROJECT MANAGER G. HARVEY DRAWN BY Drafter SCALE AS SHOWN		ISSUE DATE 11.26.25	
COMMERCIAL DESIGN FISHER ASSOCIATES P.E. L.R.A. D.P.C. New York State Education Law: Services This firm has no opinion, stating by this statement that it is not a duly Licensed Professional Engineer or Licensed Professional Architect. It is an item bearing the seal of an Engineer or Land Surveyor is obtained, and the seal of the Engineer or Surveyor is not a term by law used and shall not be used by this firm. The Engineer's signature and the date of such signature shall be a condition precedent of the statement.		1 REV		PER ECWA & TOWN ENGINEER		WH DATE 1/16/26	



GENERAL SITE NOTES:

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

	REQUIRED	EXISTING	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%

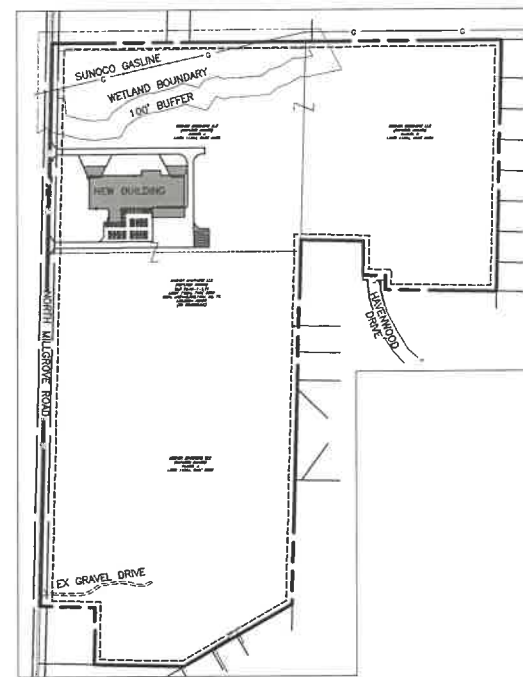
**SETBACKS:**

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

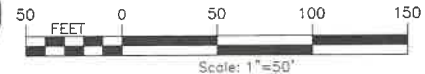
**PARKING**

PARKING	60 (EMPLOYEES)	N/A	76
---------	----------------	-----	----



- \* 50 FT. FROM THE FRONT EDGE OF THE PAVED PORTION OF THE ROAD, PER TOWN CODE SECTION 450-15.E(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 SAID 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.



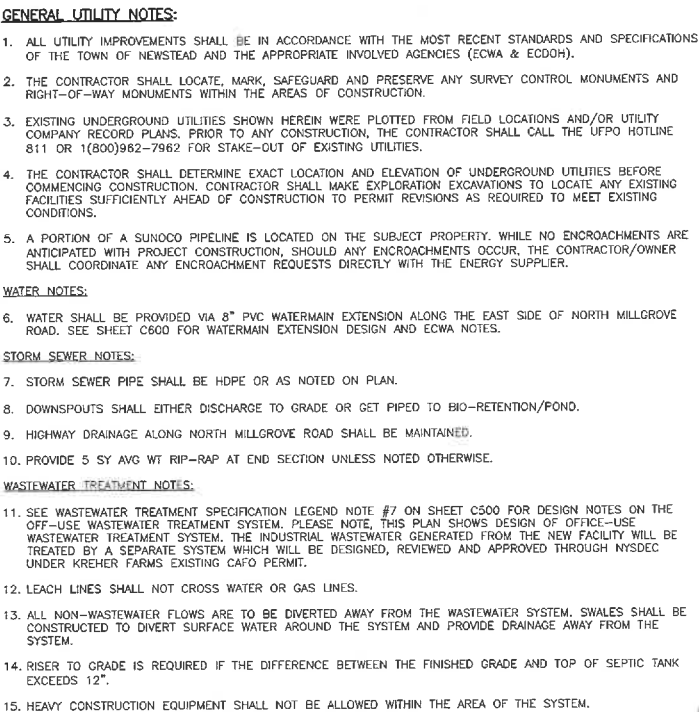
TOTAL HOLDINGS SKETCH  
SCALE: 1"=500'



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PROJECT KREHER EGG PROCESSING FACILITY 5005 North Millgrove Road Town of Newstead Erie County, New York	 <b>FISHER</b> ASSOCIATES  WWW.FISHERASSOC.COM		DRAWING BY <b>W. Hosieltier</b> SCALE <b>AS SHOWN</b>	PROJECT MANAGER <b>G. HARVEY</b>	ISSUE DATE <b>11.26.25</b>	FA PROJECT NO. <b>250750</b>	Copyright © 2025 FISHER ASSOCIATES P.E. L.N. D.P.C.  All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Fisher Associates.				REV 1	PER ECWA & TOWN ENGINEER	DATE 1/16/26	WH BY
							DESCRIPTION							
DRAWING NO. <b>C100</b>														
SHEET 4 OF 19														





WASTEWATER TREATMENT NOTES:

11. 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 OFF-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 NYSDCC 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.

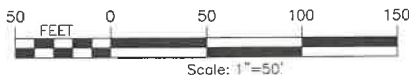
INDUSTRIAL-USE WASTEWATER TREATMENT  
AREA (SEE UTILITY NOTE #11)

SEE SHEET C500 FOR  
OFFICE—USE WASTEWATER  
TREATMENT DESIGN

SEE SHEET C600, C601 FOR  
WATERMAIN EXTENSION PLANS,  
PROFILES, NOTES & DETAILS.

SEE SHEET C500 & C703 FOR  
OFFICE-USE WASTEWATER  
TREATMENT DESIGN NOTES &  
DETAILS.

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)

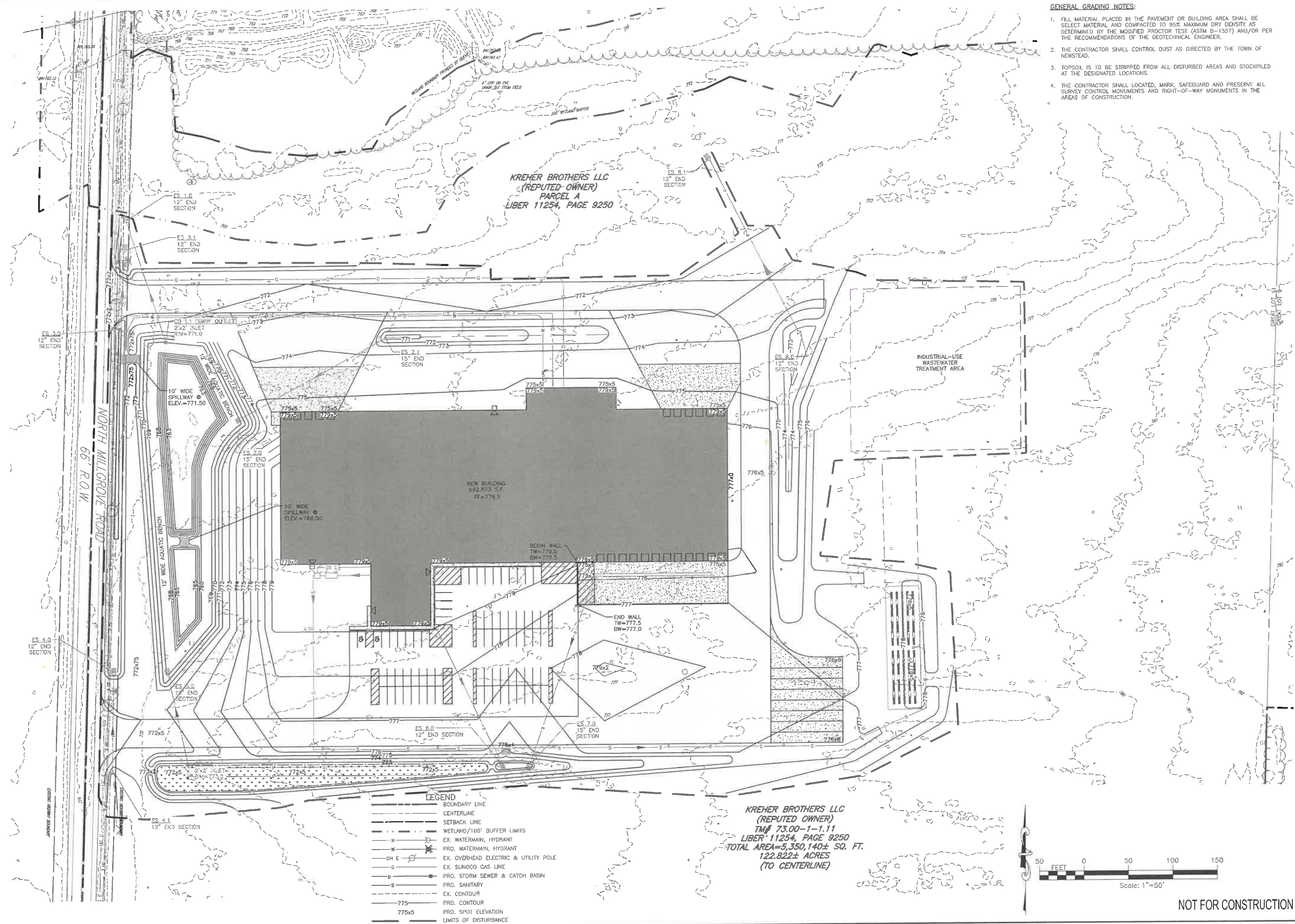


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<p><b>C200</b></p> <p>SHEET 5 OF 19</p>	<p>DRAWING NO.</p>	<p><b>FISHER ASSOCIATES</b></p> <p>WWW.FISHERASSOC.COM</p>		<p>PROJECT KREHER EGG PROCESSING FACILITY 5005 North Millgrove Road Town of Newstead Erie County, New York</p>	<p>TITLE OF DRAWINGS Utility Plan</p>	<p>STATE OF NEW YORK EXERCISED PROFESSIONAL ENGINEER JULY 1, 1926</p>		EA PROJECT NO. <b>250750</b>	ISSUE DATE <b>11.26.25</b>	<p>CONVEYANCE © 2025 FISHER ASSOCIATES P.E., L.E., L.A., D.G.C.</p> <p>New York State Education Law, Section 220(2)(b) requires that all drawings created by or for a licensed professional engineer or architect after January 1, 2009, shall include the following information: - The name of the registered professional engineer or architect responsible for the design or preparation of the drawing. - The date of the last revision to the drawing. - The date of the original design or preparation of the drawing.</p>	PER ECWA & TOWN ENGINEER	DATE	BY
								PROJECT MANAGER <b>G. HARVEY</b>	DRAWING CHIEF <b>J. JONES</b>		REV	DESCRIPTION	
								DRAWN BY <b>W. Hostetler</b>	ENGINEER				
								SCALE <b>1"=50'</b>					



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GENERAL GRADING NOTES:

1. FILL MATERIAL PLACED IN THE PAVEMENT OR BUILDING AREA SHALL BE SELECT MATERIAL AND COMPACTED TO 95% MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM D-1557) AND/OR PER THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
2. THE CONTRACTOR SHALL CONTROL DUST AS DIRECTED BY THE TOWN OF NEWSTEAD.
3. TOPSOIL IS TO BE STRIPPED FROM ALL DISTURBED AREAS AND STOCKPILED AT THE DESIGNATED LOCATIONS.
4. THE CONTRACTOR SHALL LOCATED, MARK, SAFEGUARD AND PRESERVE ALL SURVEY CONTROL MONUMENTS AND RIGHT-OF-WAY MONUMENTS IN THE AREAS OF CONSTRUCTION.

REV	DESCRIPTION	DATE	BY
1	PER ECWA & TOWN ENGINEER	1/16/26	WH

FA PROJECT NO.	ISSUE DATE	PROJECT MANAGER	DRAWING CHS
250750	11.26.25	G. HARVEY	J. JONES

DRAWN BY	SCALE
W. Hostetter	1"=50'

STATE OF NEW YORK  
JONATHAN W. JONES  
11929  
LICENSED PROFESSIONAL ENGINEER

**FISHER** ASSOCIATES  
WWW.FISHERASSOC.COM

PROJECT: KREHER EGG PROCESSING FACILITY  
5005 North Millgrove Road  
Town of Newstead  
Erie County, New York

TITLE OF DRAWING: Grading Plan

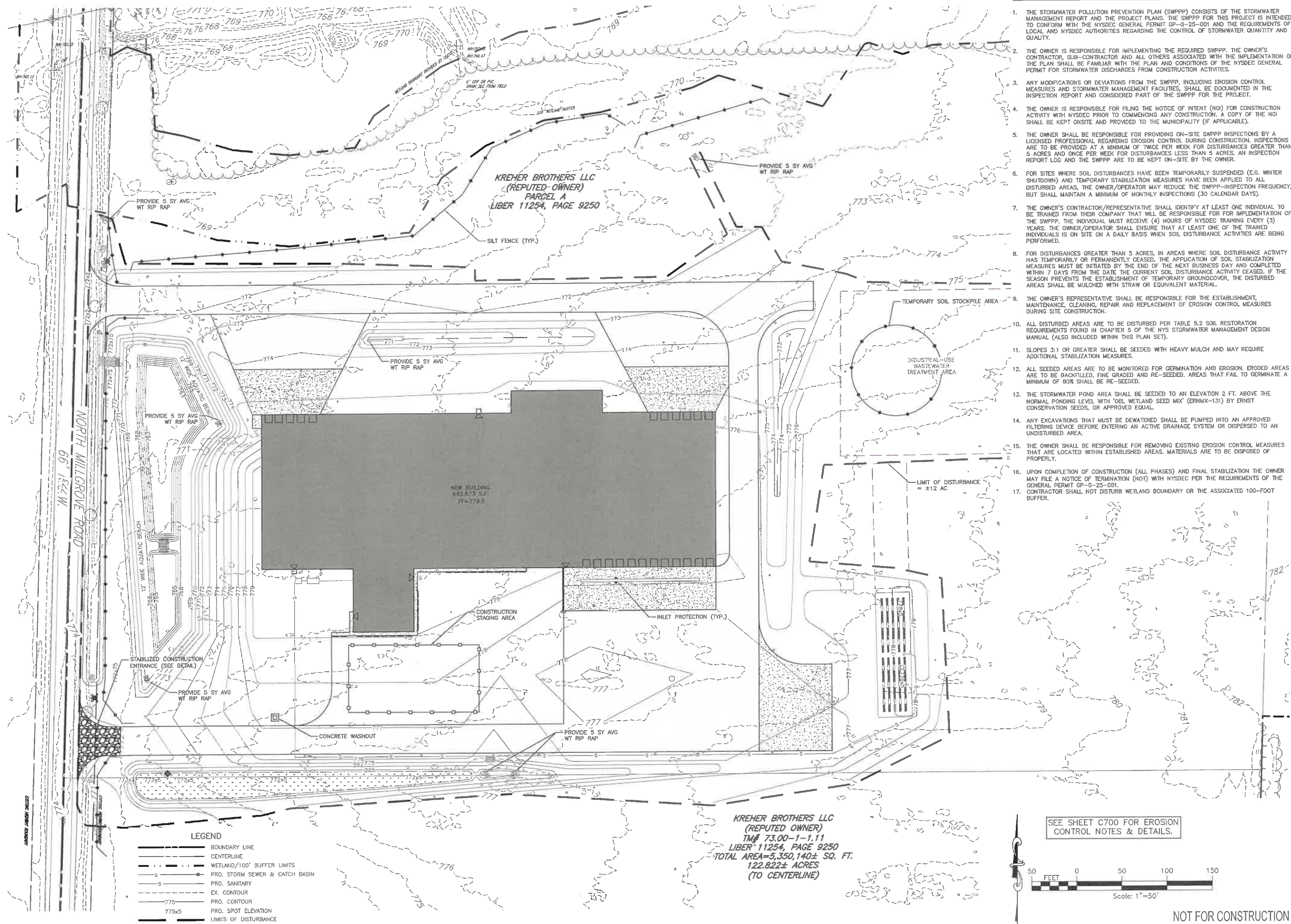
DRAWING NO. C300

SHEET 6 OF 19

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DATE/TIME: 1/22/2026 9:24:49 AM  
USER: Jonathan Jones



#### CONSTRUCTION EROSION CONTROL NOTES:

1. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) CONSISTS OF THE STORMWATER MANAGEMENT REPORT AND THE PROJECT PLANS. THE SWPPP FOR THIS PROJECT IS INTENDED TO CONFORM WITH THE NYSDEC GENERAL PERMIT GP-0-25-001 AND THE REQUIREMENTS OF LOCAL AND NYSDEC AUTHORITIES REGARDING THE CONTROL OF STORMWATER QUANTITY AND QUALITY.
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 CONDITIONS OF THE NYSDEC GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.
3. ANY MODIFICATIONS OR DEVIATIONS FROM THE SWPPP, INCLUDING EROSION CONTROL MEASURES AND STORMWATER MANAGEMENT FACILITIES, SHALL BE DOCUMENTED IN THE INSPECTION REPORT AND CONSIDERED PART OF THE SWPPP FOR THE PROJECT.
4. THE OWNER IS RESPONSIBLE FOR FILING THE NOTICE OF INTENT (NOI) FOR CONSTRUCTION ACTIVITY WITH NYSDEC PRIOR TO COMMENCING ANY CONSTRUCTION. A COPY OF THE NOI SHALL BE KEPT ONSITE AND PROVIDED TO THE MUNICIPALITY (IF APPLICABLE).
5. THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING ON-SITE SWPPP INSPECTIONS BY A LICENSED PROFESSIONAL ENGINEER DURING CONSTRUCTION. INSPECTIONS ARE TO BE PROVIDED AT A MINIMUM OF TWICE PER WEEK FOR DISTURBANCES GREATER THAN 5 ACRES AND ONCE PER WEEK FOR DISTURBANCES LESS THAN 5 ACRES. AN INSPECTION REPORT LOG AND THE SWPPP ARE TO BE KEPT ON-SITE BY THE OWNER.
6. FOR SITES WHERE SOIL DISTURBANCES HAVE BEEN TEMPORARILY SUSPENDED (E.G. WINTER SHUTDOWNS) AND TEMPORARY STABILIZATION MEASURES HAVE BEEN APPLIED TO ALL DISTURBED AREAS, THE OWNER/OPERATOR MAY REDUCE THE SWPPP-INSPECTION FREQUENCY, BUT SHALL MAINTAIN A MINIMUM OF MONTHLY INSPECTIONS (30 CALENDAR DAYS).
7. 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.
8. FOR DISTURBANCES GREATER THAN 5 ACRES, IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 7 DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY GROUNDCOVER, THE DISTURBED AREAS SHALL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL.
9. THE OWNER'S REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, CLEANING, REPAIR AND REPLACEMENT OF EROSION CONTROL MEASURES DURING SITE CONSTRUCTION.
10. ALL DISTURBED AREAS ARE TO BE DISTURBED PER TABLE 5.2 SOIL RESTORATION REQUIREMENTS FOUND IN CHAPTER 5 OF THE NYS STORMWATER MANAGEMENT DESIGN MANUAL (ALSO INCLUDED WITHIN THIS PLAN SET).
11. SLOPES 3:1 OR GREATER SHALL BE SEEDED WITH HEAVY MULCH AND MAY REQUIRE ADDITIONAL STABILIZATION MEASURES.
12. 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.
13. THE STORMWATER POND AREA SHALL BE SEEDED TO AN ELEVATION 2 FT. ABOVE THE NORMAL PONDING LEVEL WITH 'OEL WETLAND SEED MIX' (ERNW-131) BY ERNST CONSERVATION SEEDS, OR APPROVED EQUAL.
14. 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.
15. THE OWNER SHALL BE RESPONSIBLE FOR REMOVING EXISTING EROSION CONTROL MEASURES THAT ARE LOCATED WITHIN ESTABLISHED AREAS. MATERIALS ARE TO BE DISPOSED OF PROPERLY.
16. UPON COMPLETION OF CONSTRUCTION (ALL PHASES) AND FINAL STABILIZATION THE OWNER MAY FILE A NOTICE OF TERMINATION (NOT) WITH NYSDEC PER THE REQUIREMENTS OF THE GENERAL PERMIT GP-0-25-001.
17. CONTRACTOR SHALL NOT DISTURB WETLAND BOUNDARY OR THE ASSOCIATED 100-FOOT BUFFER.

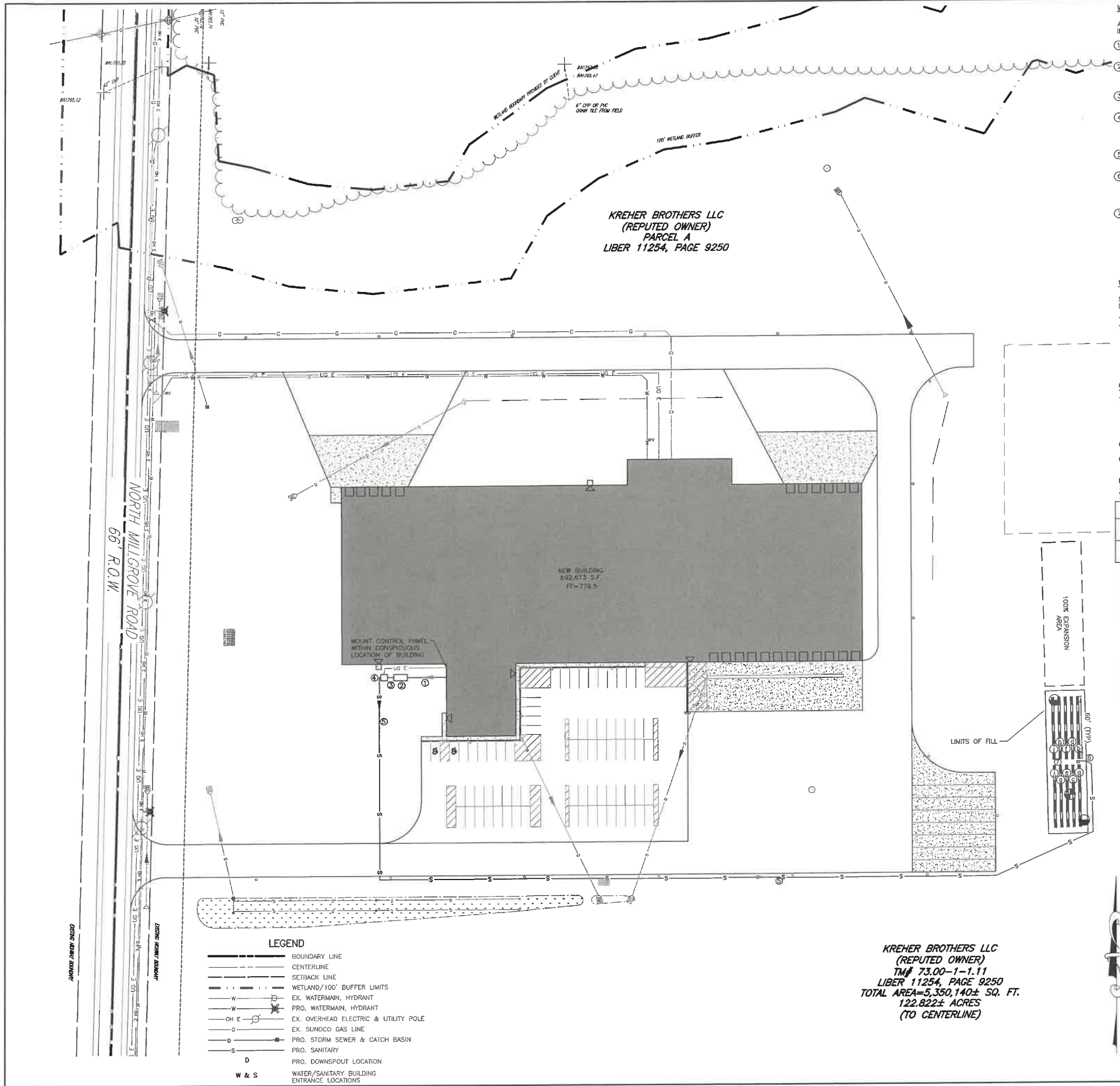
SEE SHEET C700 FOR EROSION CONTROL NOTES & DETAILS.



NOT FOR CONSTRUCTION

PROJECT	DATE	DESCRIPTION	REV	BY
KREHER EGG PROCESSING FACILITY 5005 North Millgrove Road Town of Newstead Erie County, New York	1/16/26	PER ECWA & TOWN ENGINEER	1	WH
DRAWING NO.	ISSUE DATE	FA PROJECT NO.	PROJECT MANAGER	DRAWING CHS
C400	11/26/25	250750	G. HARVEY	J. JONES
TITLE OF DRAWING	DRAWN BY	SCALE	AS SHOWN	J. JONES
Construction Erosion Control Plan	W. Hostetler			
STATE OF NEW YORK JONATHAN W. JONES 11025 REGISTERED PROFESSIONAL ENGINEER				
FISHER ASSOCIATES WWW.FISHERASSOC.COM				





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)

#### 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 @ 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 @ 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) GOULDS PUMP MODEL WE03L 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 @ 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 INCHES 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 X 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 DISPERSAL AREA REQUIRED  
1029 / 2 SF PER FOOT OF TRENCH = 515 LF  
515 LF OF LEACH REQUIRED

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

PROPOSED TREATMENT METHOD:  
SHALLOW MODIFIED ABSORPTION SYSTEM WITH 600 LF OF LOW PROFILE LEACH FOR TREATMENT AND DISPERSAL WHEN 515 LF 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 @ BUILDING	SEPTIC TANK		PUMP TANK		DISTRIBUTION BOX		INVERT @ 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.

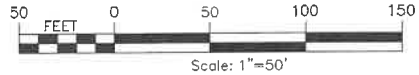
SOIL DATA	
DEEP HOLE RESULTS	PERCOLATION TESTS
0-16" TOPSOIL	1: 7, 16, 16 MIN
16-24" DENSE SILTS W/ CLAY	2: 8, 18, 18 MIN
24-42" SAND	
42-72" DENSE SILT LOAM & 6" ROCK	

#### PUMP DOSE CALCULATIONS:

660 FT \* 0.853 GAL/FT = 431 GAL  
431 GAL \* 0.75 = 323 GAL DOSE  
FORCEMAIN DRAINBACK:  
934 FT \* 0.0638 GAL/FT = 59.6, USE 60 GAL  
TOTAL DOSE = 383 GAL

#### PUMP TANK CALCULATIONS:

HEAD LOSS @ 30 GPM (DOSE RATE)  
PIPE LOSS - 1.5 FT/100FT = 14.2 FT  
ELEVATIONS 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 - 16.65'  
RESERVE CAPACITY = 35.35'  
EMERGENCY RESERVE VOLUME = 813 GAL



NOT FOR CONSTRUCTION

PROJECT	KREHER EGG PROCESSING FACILITY 5005 North Millgrove Road Town of Newstead Erie County, New York	TITLE OF DRAWING	Wastewater Treatment Plan
DRAWING NO.	C500	DATE	1/16/26
BY	WH	DESCRIPTION	PER ECWA & TOWN ENGINEER
REV	1	REV	

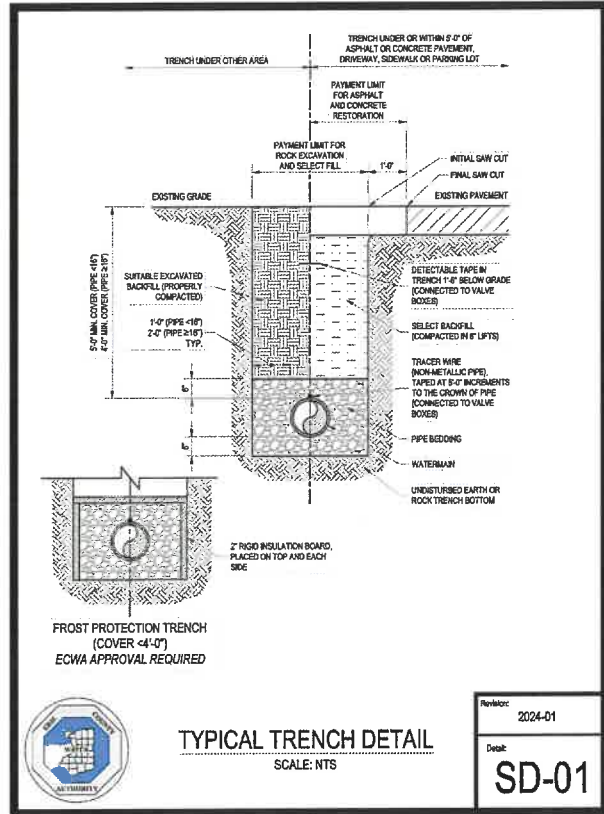
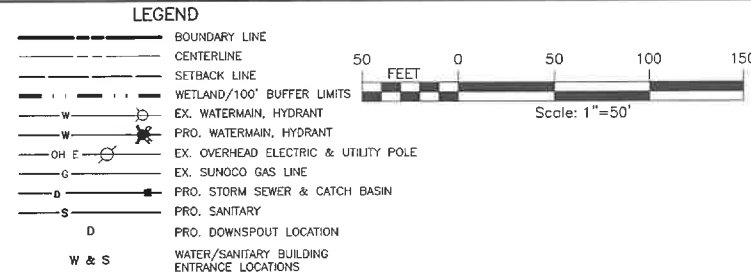
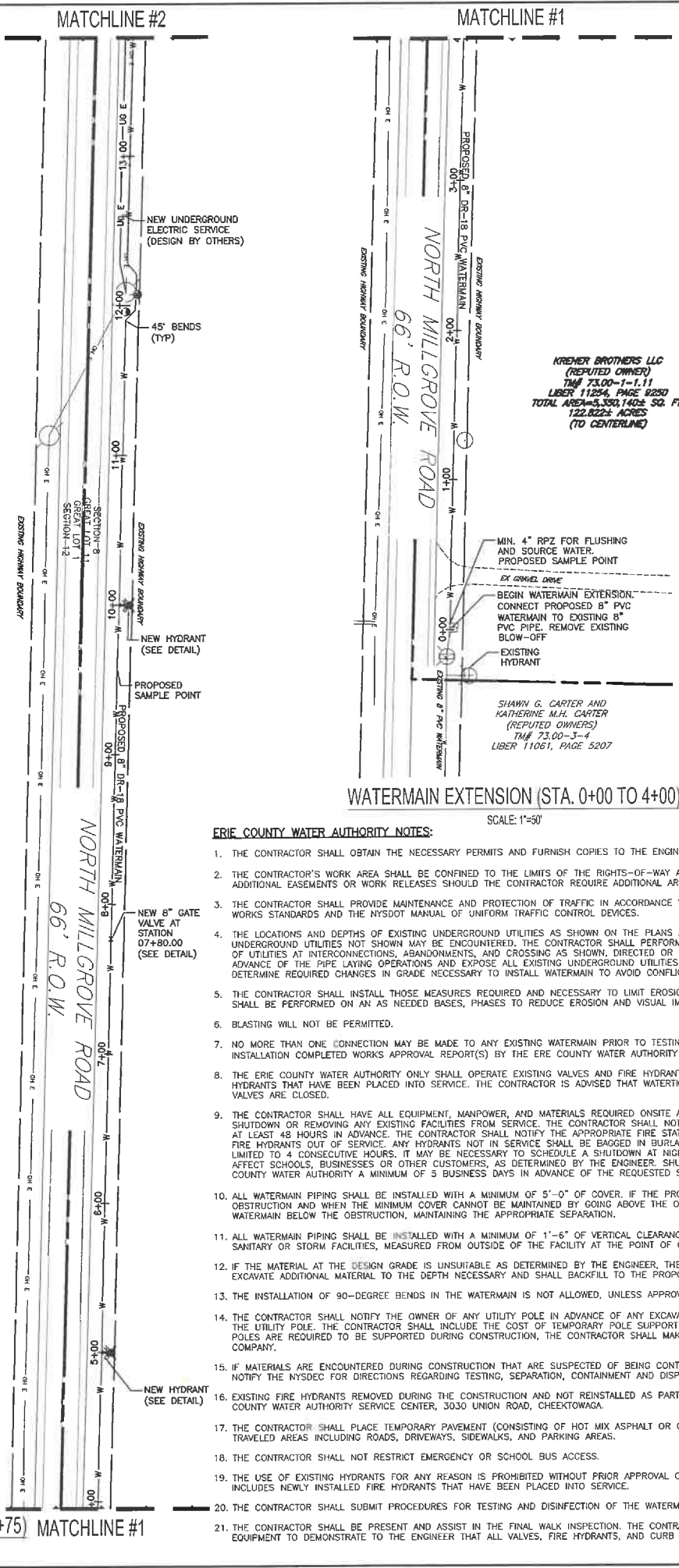
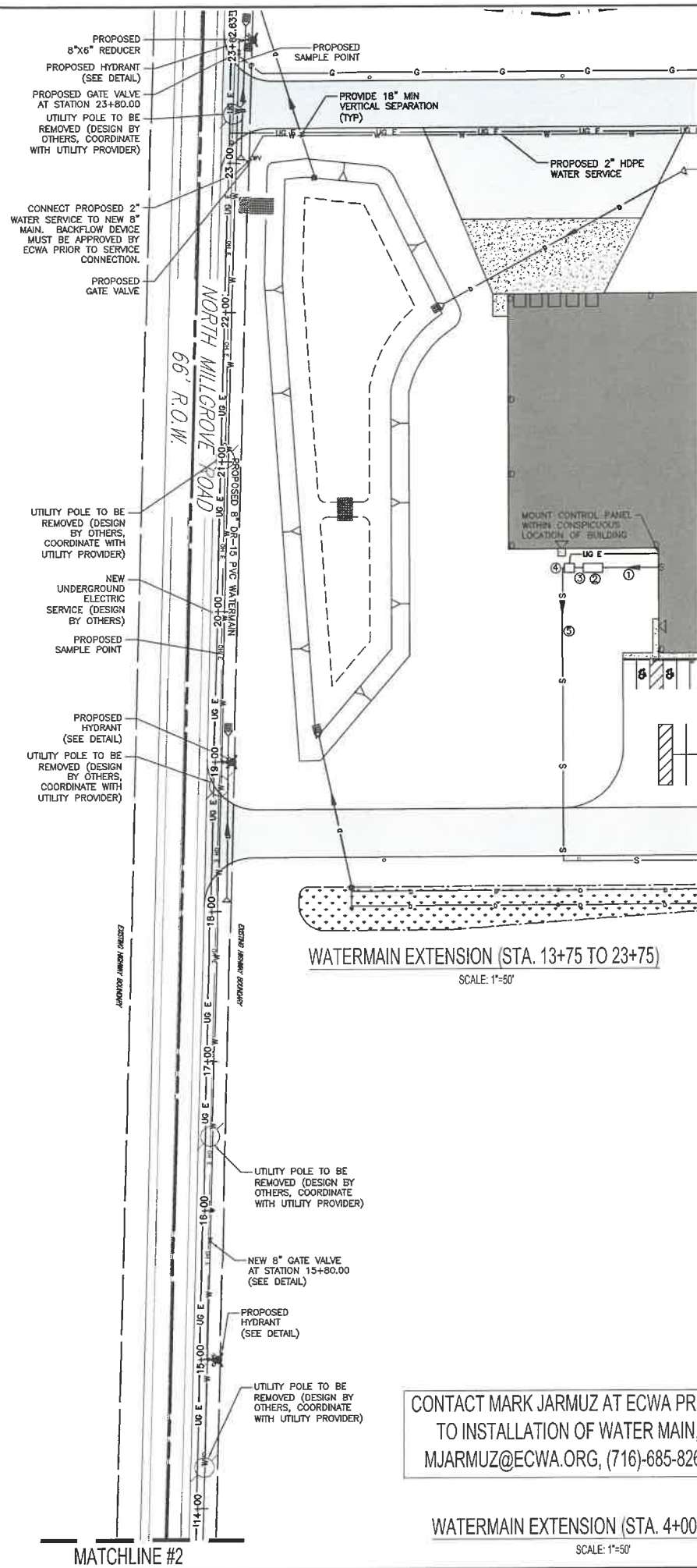
ISSUE DATE: 11.26.25  
PROJECT MANAGER: G. HARVEY  
DRAWING CHK: G. HARVEY  
DRAWN BY: J. JONES  
SCALE: AS SHOWN

STATE OF NEW YORK  
JONATHAN W. JONES  
11025  
LICENSED PROFESSIONAL ENGINEER

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USER: Jonathan Jones



- ERIE COUNTY WATER AUTHORITY NOTES:**
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 CROSSING 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 BASIS, 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 ONSITE 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, WEEKENDS, 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 NYSDOT 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, CHEEKTOWAGA.
  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.

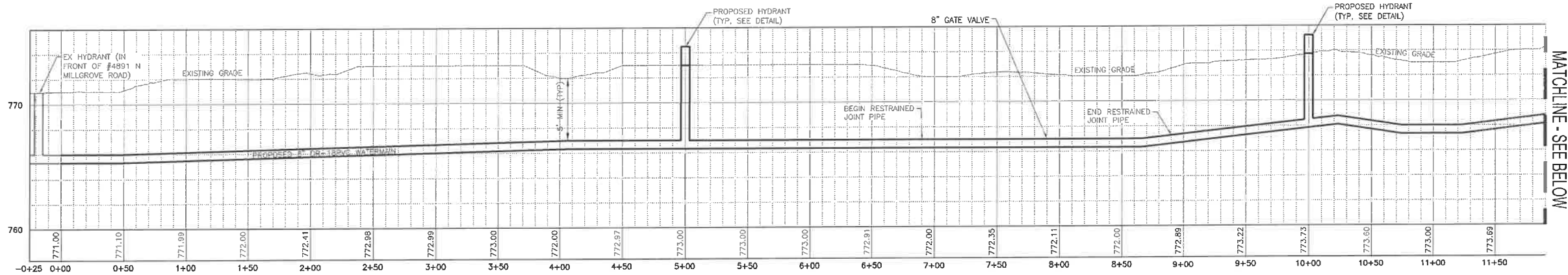
CONTACT MARK JARMUZ AT ECWA PRIOR  
TO INSTALLATION OF WATER MAIN,  
MJARMUZ@ECWA.ORG, (716)-685-8266

PROJECT	DATE	BY
KREHER EGG PROCESSING FACILITY 5005 North Millgrove Road Town of Newstead Erie County, New York	1/16/26	WH
DRAWING NO.	DESCRIPTION	REV
C600	Water Extension Plan	1
1	PER ECWA & TOWN ENGINEER	
1	PER ECWA & TOWN ENGINEER	

NOT FOR CONSTRUCTION

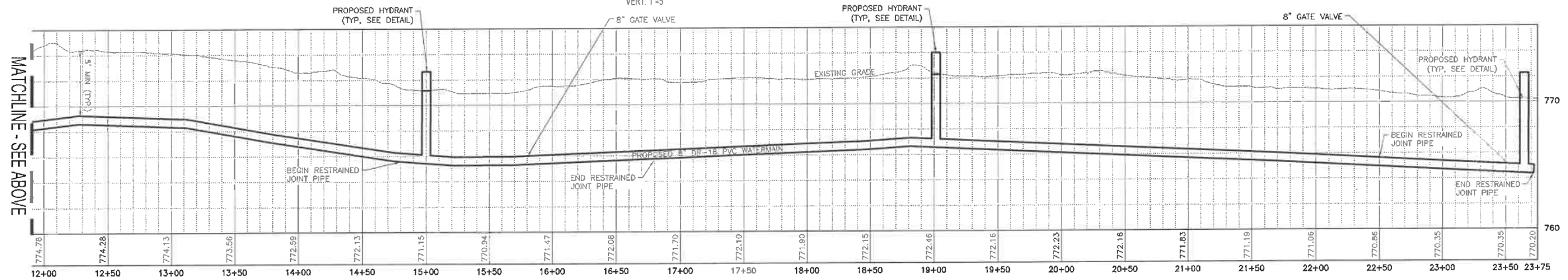


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WATERMAIN EXTENSION (STA. 0+00 TO 11+90)

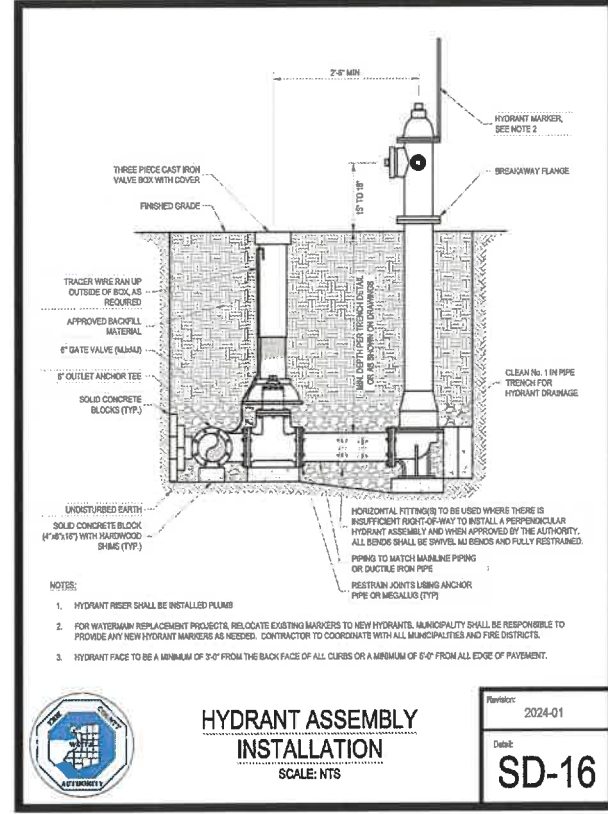
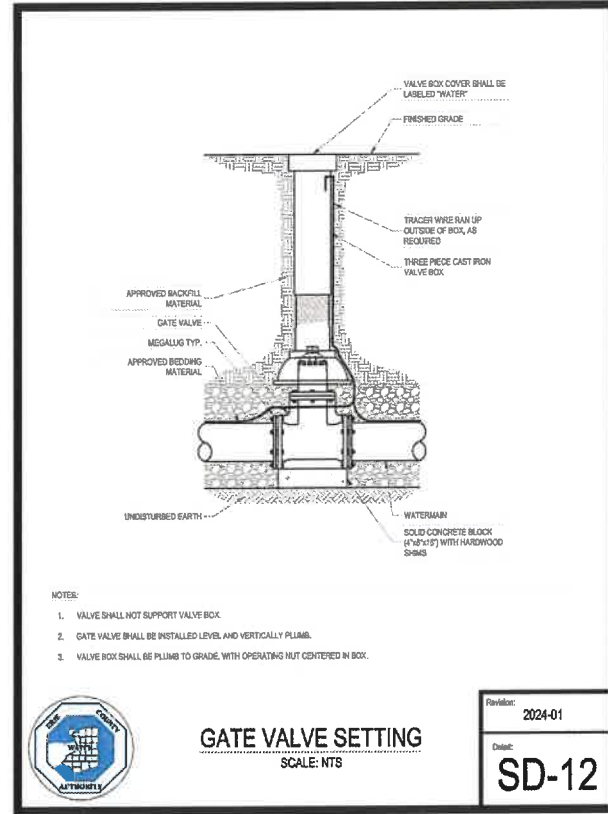
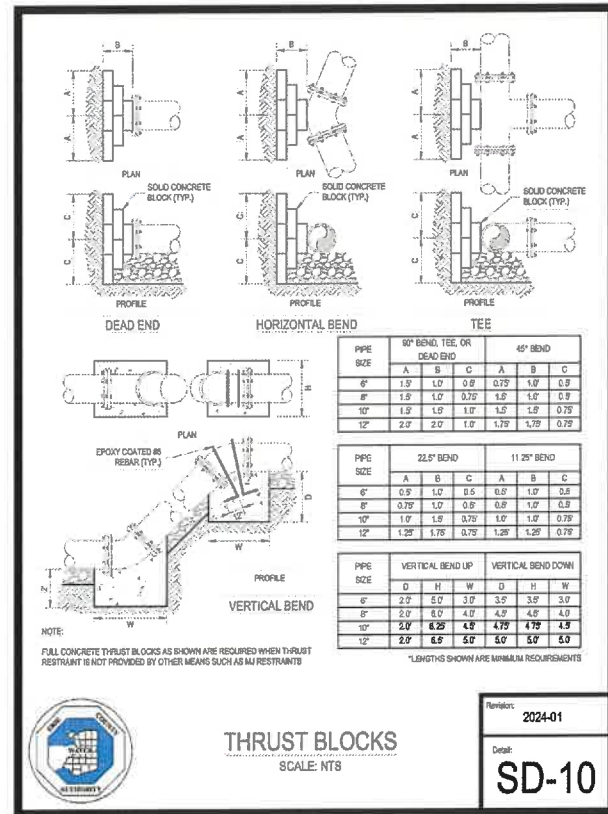
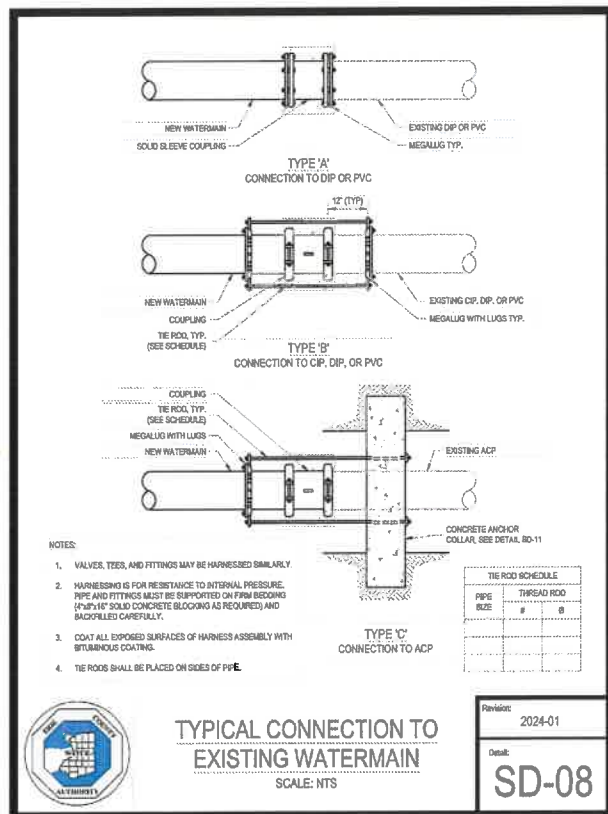
HORIZ. SCALE: 1"=50'  
VERT. SCALE: 1"=5'



WATERMAIN EXTENSION (STA. 11+90 TO 23+75)

HORIZ. SCALE: 1"=50'  
VERT. SCALE: 1"=5'

SEE SHEET C701  
FOR ADDITIONAL  
WATERMAIN DETAILS.



PROJECT  
KREHER EGG PROCESSING FACILITY  
5005 North Millgrove Road  
Town of Newstead  
Erie County, New York

DRAWING NO.  
**C601**

SHEET 10 OF 19

DATE  
1/16/26

BY  
WH

DESCRIPTION  
1 PER EOWA & TOWN ENGINEER

REV  
1

ISSUE DATE  
11.26.25

PROJECT MANAGER  
G. HARVEY

DRAWING CHK  
G. HARVEY

SCALE  
AS SHOWN

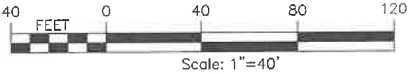
ENGINEER  
J. JONES

STATE OF NEW YORK  
J. JONES  
110289  
LICENSED PROFESSIONAL ENGINEER

**FISHER ASSOCIATES**  
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SHEET NOTES - PLANTING

1. ALL PLANTING AREAS TO BE PREPARED AS SHOWN IN THE DETAILS.
2. ALL TREES TO COMPLY WITH APPLICABLE REQUIREMENTS OF ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK".
3. 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.
4. ALL DISTURBED AREAS THAT ARE NOT SHOWN AS PAVED OR PLANTED BED ARE TO BE SEEDS AS LAWN.

#### PLANTING SOIL SPECIFICATIONS

**TOPSOIL**

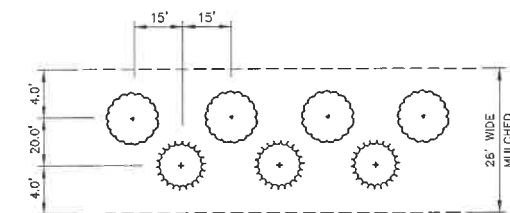
1. REUSE SURFACE SOIL STOCKPILED ON-SITE. CLEAN SURFACE SOIL OF ROOTS, PLANTS, SOD, STONES, CLAY LUMPS, AND OTHER EXTRANEOUS MATERIAL HARMFUL TO PLANT GROWTH.
  - a. SUPPLEMENT WITH IMPORTED TOPSOIL FROM OFF-SITE SOURCES.
2. EXAMINE IMPORTED TOPSOIL AND REMOVE FOREIGN MATERIAL, STONES OVER 1/2", AND ORGANIC DEBRIS OVER 2" IN LENGTH

**PLANTING MIX FOR TREE PLANTINGS**

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

## PLANTING LIST

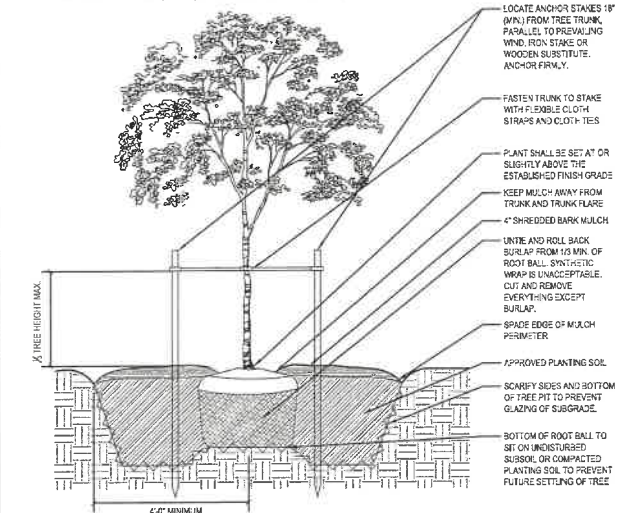
SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COMMENTS
	13	Picea glauca	White Spruce	6-8'	B&B	
	16	Ilex opaca	American Holly	6-8'	B&B	



MULCH AND TREE SCREENING AREA  
PLANTING DETAIL-NTS

NOTES:

1. AVOID DAMAGING ROOT BALL, ROOTS, AND BRANCHES DURING INSTALLATION.



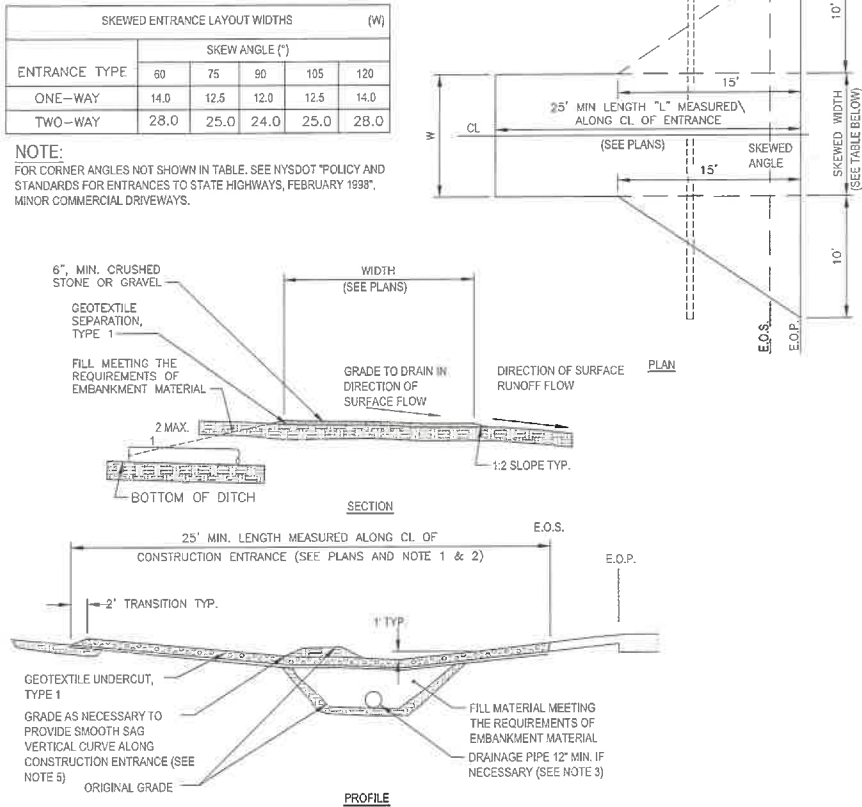
1 TREE PLANTING  
NOT TO SCALE

NOT FOR CONSTRUCTION

<div><div><div>DRAWING NO.</div><div>C700</div></div><div>SHEET 11 OF 19</div></div>	<div><div>PROJECT</div><div>KREHER EGG PROCESSING FACILITY</div><div>5005 North Millgrove Road</div><div>Town of Newstead</div><div>Erie County, New York</div></div>	<div><div><div><div><div><div></div><div>FISHER</div><div>ASSOCIATES</div></div><div><a href="http://WWW.FISHERASSOC.COM">WWW.FISHERASSOC.COM</a></div></div></div></div></div>	<div><div><div>FA PROJECT NO.</div><div>250750</div></div><div><div>PROJECT MANAGER</div><div>G. HARVEY</div></div></div>	<div><div><div>ISSUE DATE</div><div>11.26.25</div></div></div>	<div>CONTRACT DATE</div> <div>FISCAL YEAR</div> <div>FY 2026</div>	FF	FF
					<div>New York State Education Law Section 3020a states that it is a violation of the law for any school district to be adding under the direction of the board of education any new or additional personnel to either on them in any way.</div> <div>If on item bearing the seal of an architect, engineer, or landscape architect, the seal of the professional shall be the addition "altered by" followed by the name of the person making such alteration, and a specific description of the alteration.</div>	XX	XX
			<div><div><div>DRAWN BY</div><div>A. Fahrner</div></div><div><div>SCALE</div><div>AS SHOWN</div></div></div>	<div><div><div>DRAWING CHK</div><div>J. FRUECHTL</div></div><div><div>ENGINEER</div><div>J. JONES</div></div></div>	YY	YY	
					ZZ	ZZ	
					Z	Z	
					Y	Y	
					X	X	
					REV	DATE	BY



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**APPLICATION NOTES:**

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

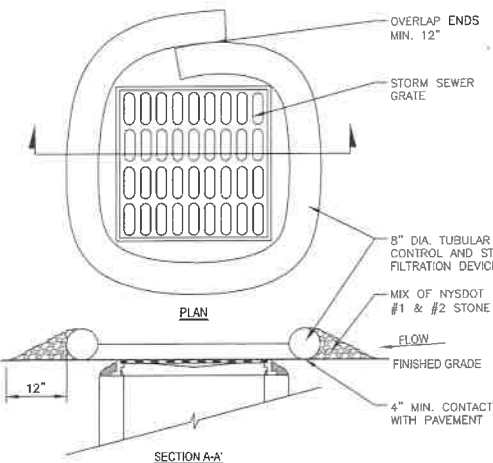
**CONSTRUCTION SPECIFICATIONS:**

- 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.

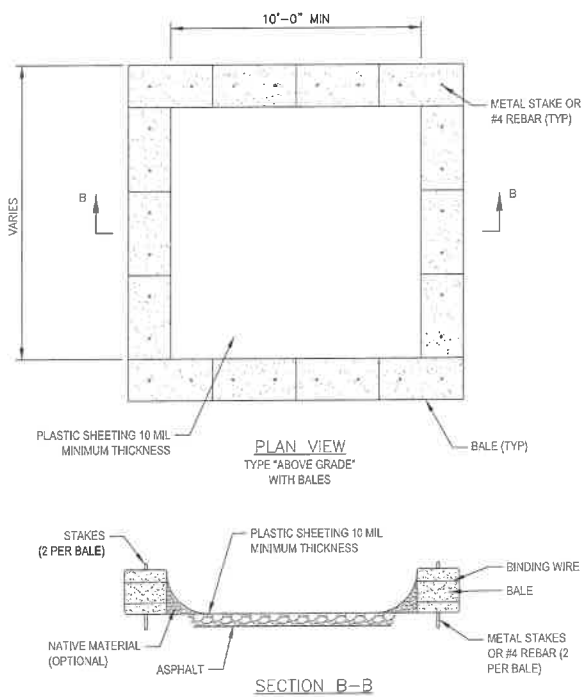
**1 STABILIZED CONSTRUCTION ENTRANCE DETAIL**  
N.T.S.



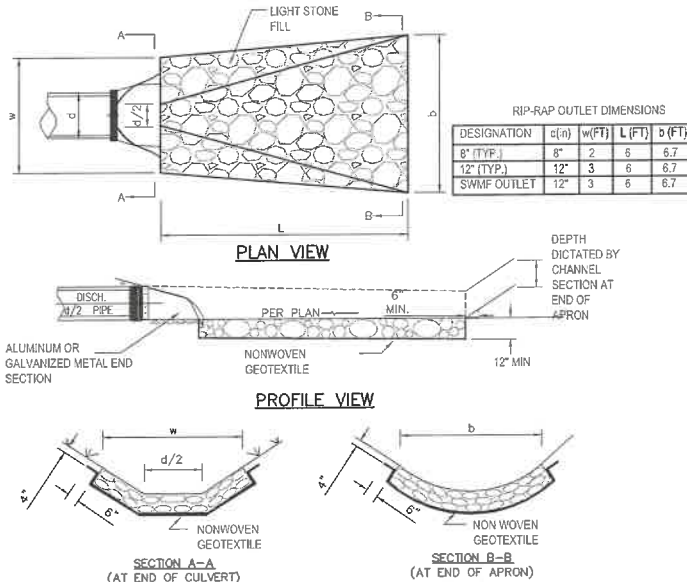
**2 INLET PROTECTION DETAIL**  
N.T.S.

**NOTES:**

- TUBULAR SEDIMENT CONTROL AND STORMWATER FILTRATION DEVICE SHALL BE FILTEREXX FILTERS OR EQUIVALENT.
- INSTALL, REPLACE, AND DISPOSE OF PER MANUFACTURERS SPECIFICATIONS.



**3 CONCRETE WASHOUT DETAIL**  
N.T.S.



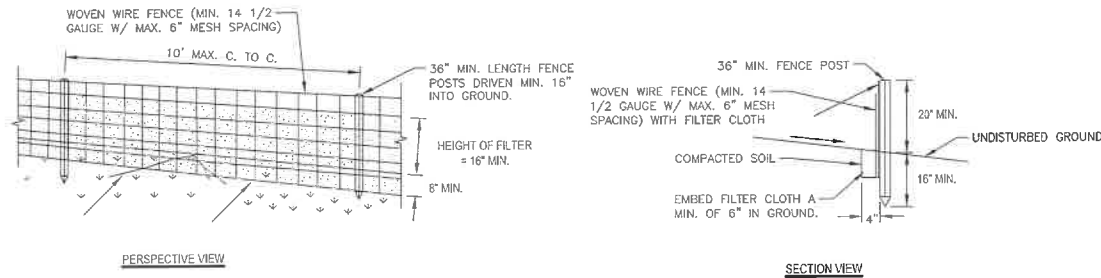
**NOTES:**

- ANY FILL REQUIRED IN THE SUBGRADE SHALL BE COMPACTED TO A DENSITY OF APPROXIMATELY THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
- SEE STORM OUTLET GRADING AND DRAINAGE PLAN FOR PIPE AND OUTLET LOCATION AND SIZE.
- GEOTEXTILE SHALL BE PROTECTED FROM PUNCHING, CUTTING, OR TEARING. ALL OVERLAPS, WHETHER FOR REPAIRS OR JOINING TWO PIECES OF GEOTEXTILE SHALL BE A MINIMUM OF 1'.
- INSPECT OUTLET AFTER HIGH FLOWS FOR EVIDENCE OF SCOUR BENEATH OUTLET STONE OR FOR DISLODGED STONES. REPAIRS SHOULD BE MADE IMMEDIATELY.

**5 ROCK OUTLET PROTECTION DETAIL**  
N.T.S.

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	HBO A & B Apply 6 inches of topsoil HBO A & B	Protect area from any ongoing construction activities.
Areas of cut or fill	Aeration and apply 6 inches of topsoil HBO C & D Apply full Soil Restoration **	
Heavy traffic areas on site (especially in a zone 5-25 ft around buildings but not within a 5 ft perimeter around foundation walls)	Apply full Soil Restoration*** de-compaction and compact enhancement	
Areas where Runoff Reduction and/or infiltration practices are applied	Restoration not required but may be applied	Keep construction equipment from creating these areas. To protect newly installed practices 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 areas will be converted to pervious areas	

\*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.  
\*\* Refer to latest version of NYSDOT Deep-Ripping and De-compaction.



**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 1/4 ACRE PER 100' OF FENCE.

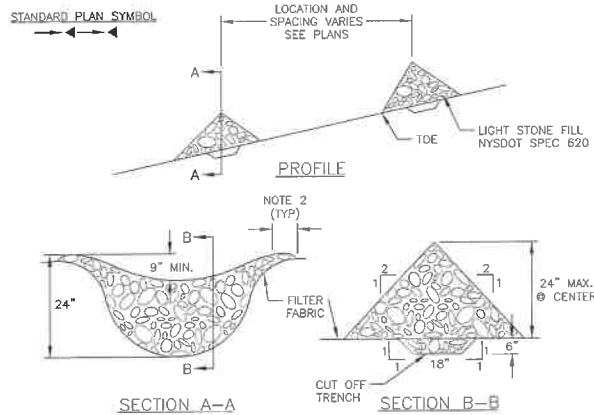
**CONSTRUCTION SPECIFICATIONS:**

- 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, 14 1/2 GAUGE, 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.

**4 SILT FENCE DETAIL**  
N.T.S.



**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-ACRES.

**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 BLOCKAGE 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.

**6 STONE CHECK DAM DETAIL**  
N.T.S.

NOT FOR CONSTRUCTION

REV	DESCRIPTION	DATE	BY
1	PER ECWA & TOWN ENGINEER	1/16/26	WH

**PROJECT:** KREHER EGG PROCESSING FACILITY  
5005 North Millgrove Road  
Town of Newstead  
Erie County, New York

**TITLE OF DRAWING:** Details (Erosion and Sediment Controls)

**DRAWING NO.:** C800

**ISSUE DATE:** 11.26.25

**PROJECT MANAGER:** G. HARVEY

**DRAWING CHK:** J. JONES

**SCALE:** AS SHOWN

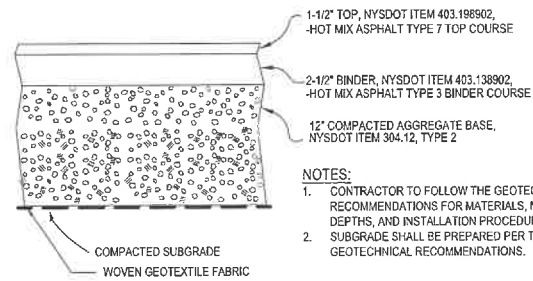
**ENGINEER:** J. JONES

**STATE OF NEW YORK:** 11025  
REGISTERED PROFESSIONAL ENGINEER

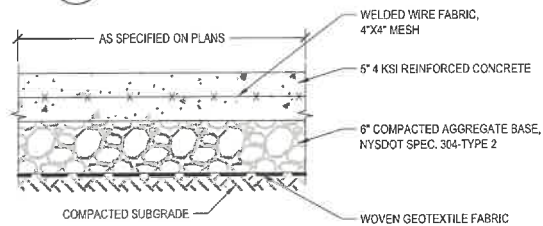
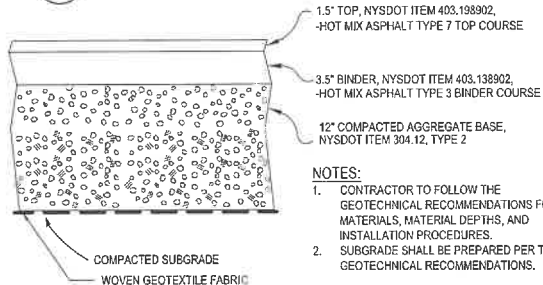
**FISHER ASSOCIATES:** WWW.FISHERASSOC.COM



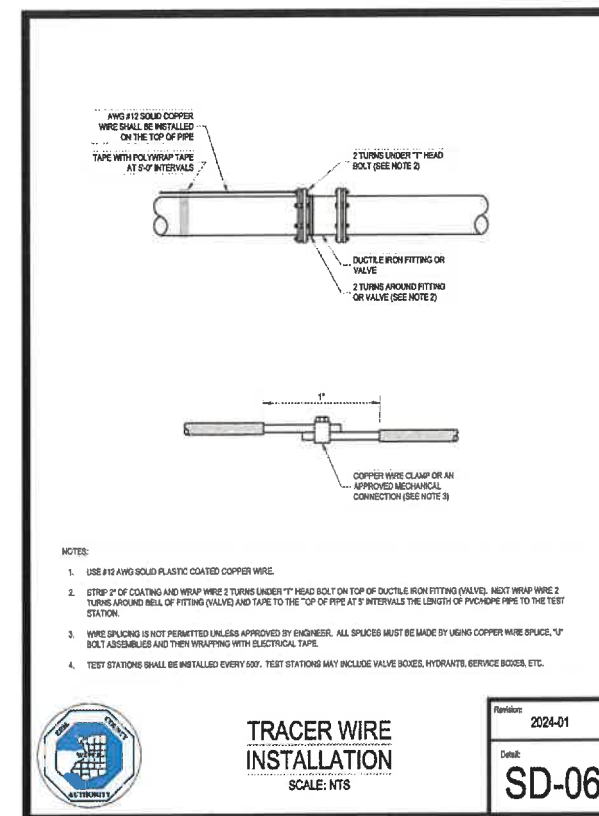
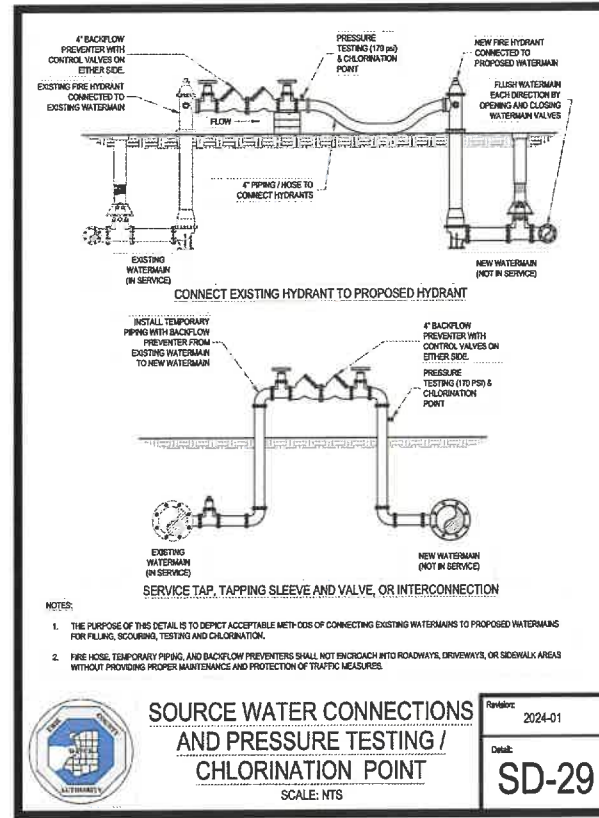
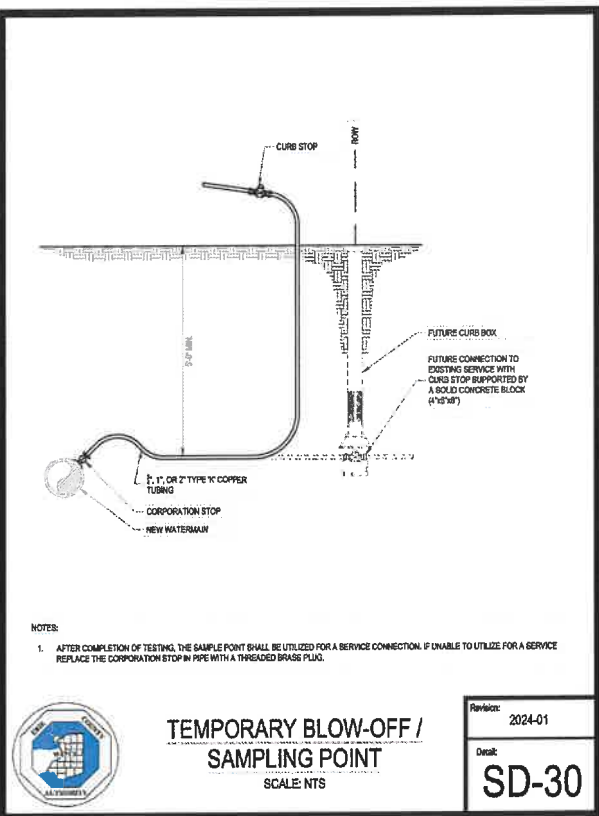
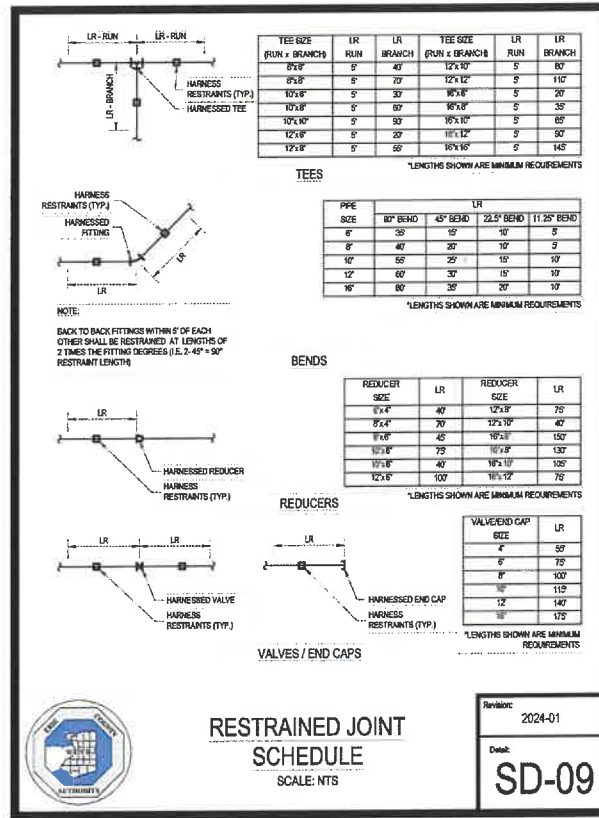
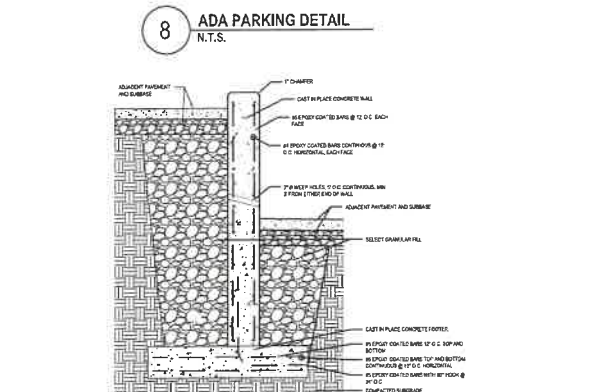
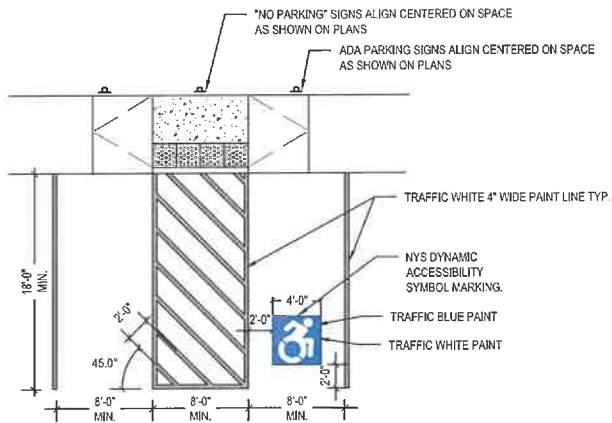
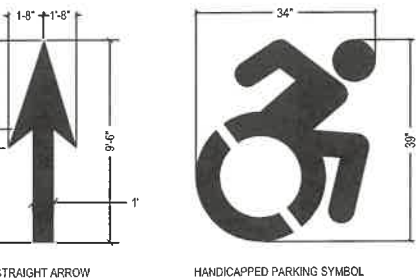
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DATE/TIME: 1/22/2025 9:25:58 AM  
USER: Jonathan Jones



- NOTES:
1. CONTRACTOR SHALL PROVIDE HANDICAP PARKING SIGNS, AS PER CODE REQUIREMENTS.
  2. POSTS AND MOUNTING HARDWARE SHALL BE GALVANIZED TAMPER RESISTANT BOLTS, LENGTH AS NECESSARY.
  3. SIGN TO BE PLACED 2.0' FROM THE FACE OF CURB AT HEAD-IN SPACES, AND 1.5' AT PARALLEL PARKING SPACES.
  4. ADJUST SIGN DIRECTIONAL ARROWS AS NEEDED.
  5. SIGNAGE LOCATION, QUANTITY, AND MESSAGING TO BE COORDINATED WITH LA AND OWNER.
  6. ITEM 645.5102 (SIGN PANEL) AND ITEM 645.81 (TYPE A SIGN POST) SHALL INCLUDE ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED TO COMPLETE THE WORK AS SHOWN ABOVE.
  7. SIGNS AND SIGN POSTS SHALL BE INSTALLED PLUMB AND STRAIGHT.



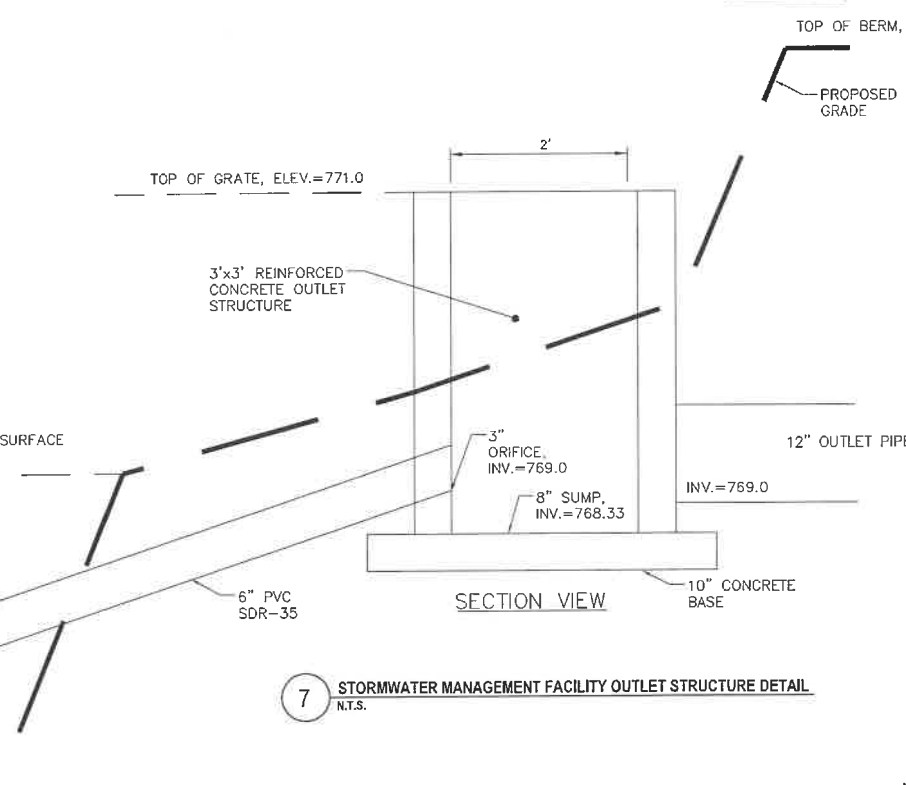
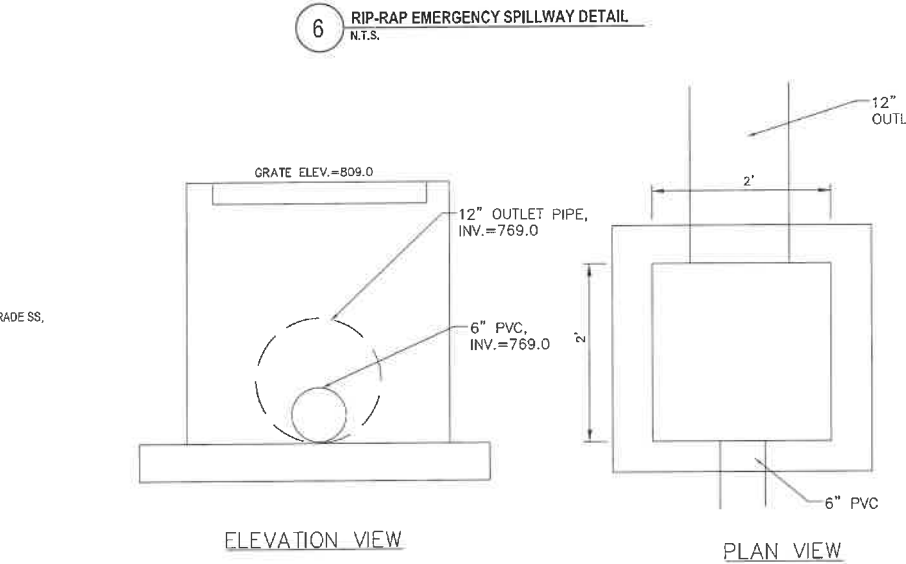
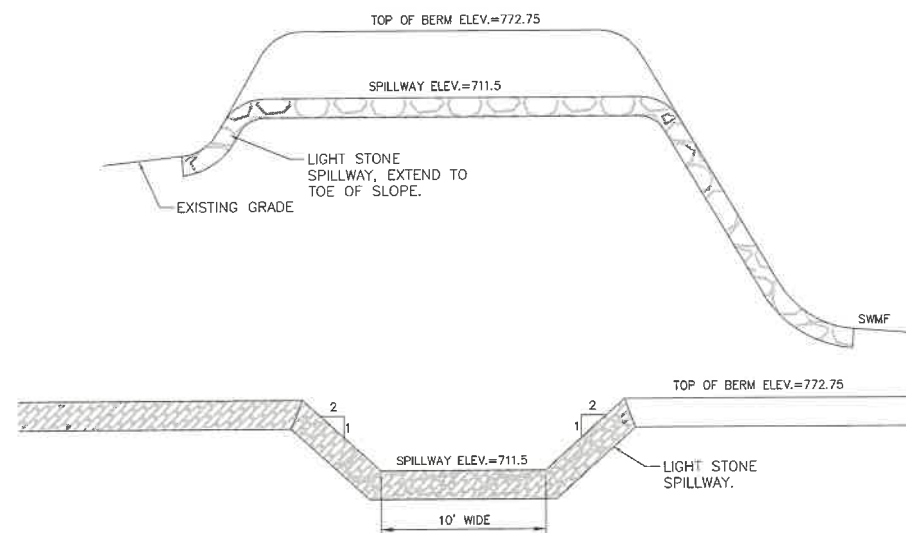
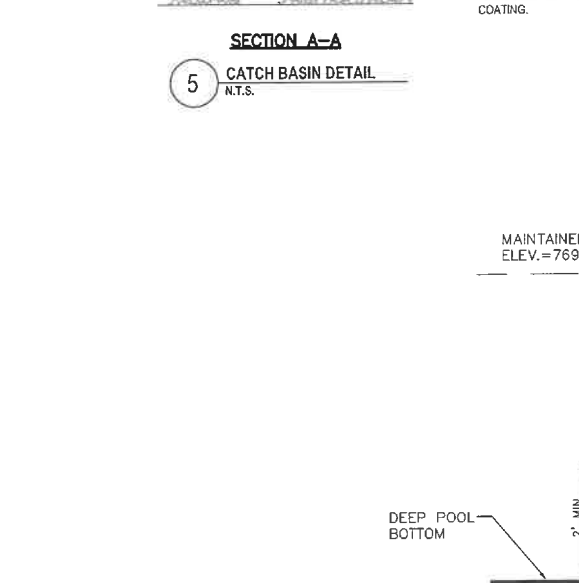
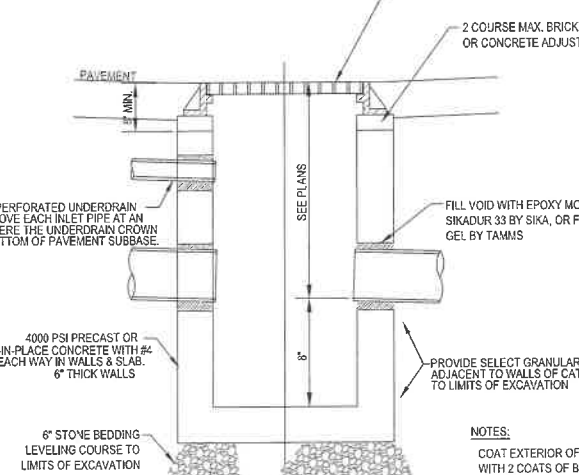
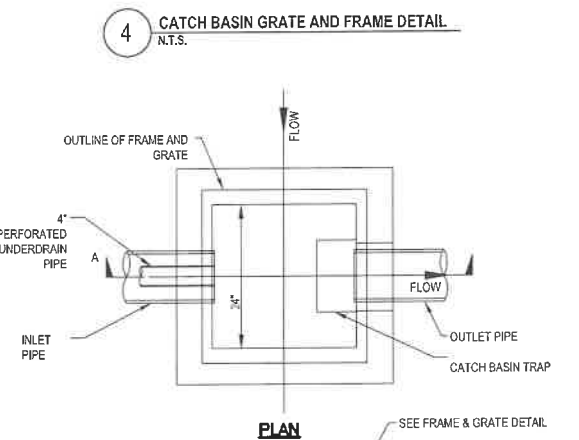
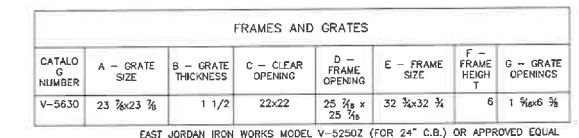
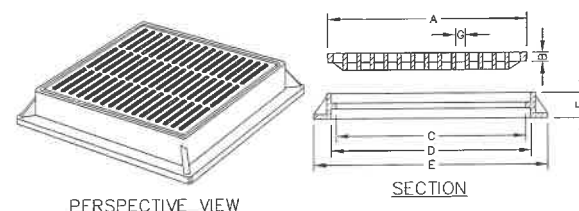
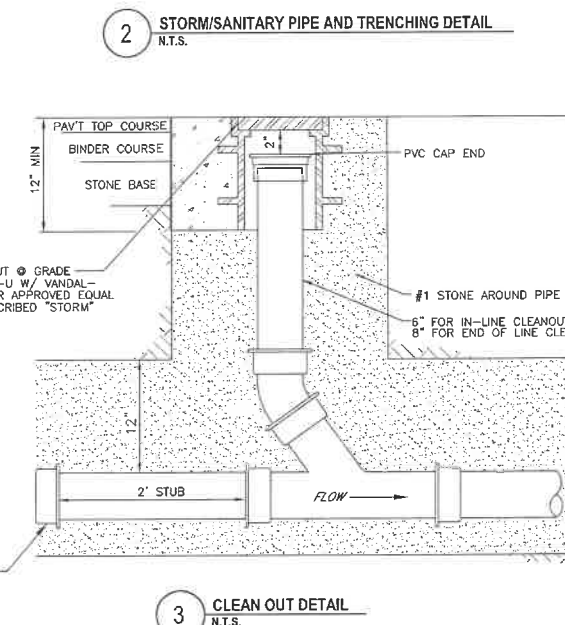
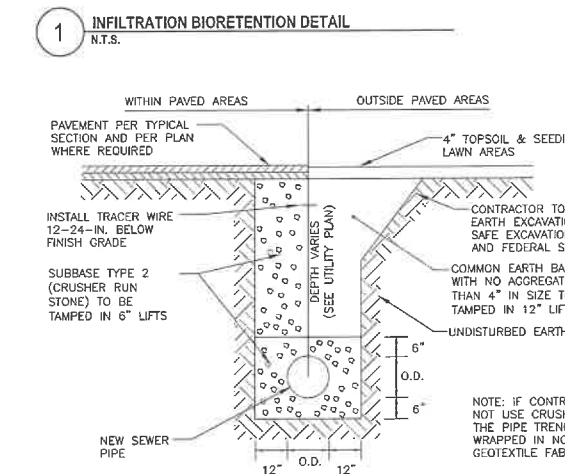
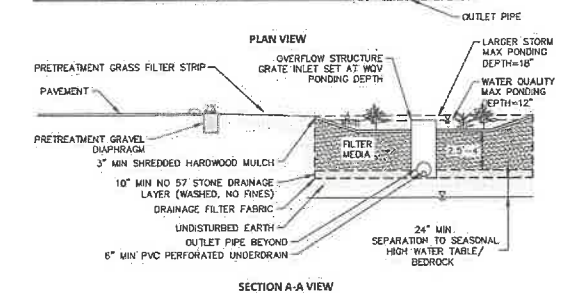
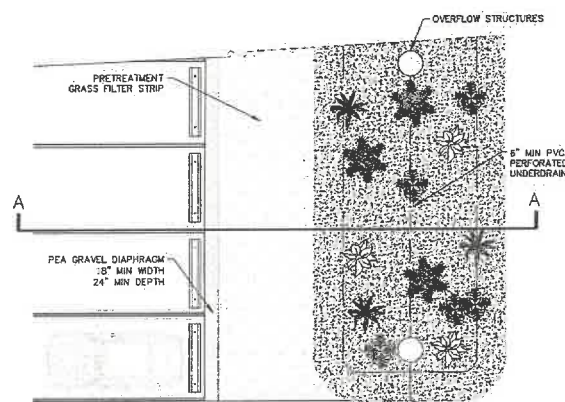
- NOTES:
1. CONCRETE SHALL BE 4500 P.S.I. AIR ENTRAINED CONCRETE.
  2. SEE LANDSCAPE ARCHITECTURE PLANS FOR JOINT PATTERNS AND ALIGNMENTS. MARKED JOINTS SHALL BE FORMED BY A SAW CUT.
  3. CONCRETE SURFACE SHALL BE BROOM FINISHED, DIRECTION AS INDICATED IN LANDSCAPER ARCHITECTURE DRAWINGS.



PROJECT	KREHER EGG PROCESSING FACILITY 5005 North Milgrove Road Town of Newstead Erie County, New York	DRAWING NO.	C801	SHEET 13 OF 19	DATE	1/16/26	WH
						BY	
TITLE OF DRAWING		Details (Site and Water)		REV		1	PER EOWA & TOWN ENGINEER
FISHER ASSOCIATES WWW.FISHERASSOC.COM		J. JONES ENGINEER		J. JONES		AS SHOWN	
FA PROJECT NO.		250750		ISSUE DATE		11.26.25	
PROJECT MANAGER		G. HARVEY		STATE OF NEW YORK		11629	
DRAWN BY		W. Hostler		SEAL		11629	
CHECKED BY		J. JONES		PROFESSIONAL ENGINEER		11629	

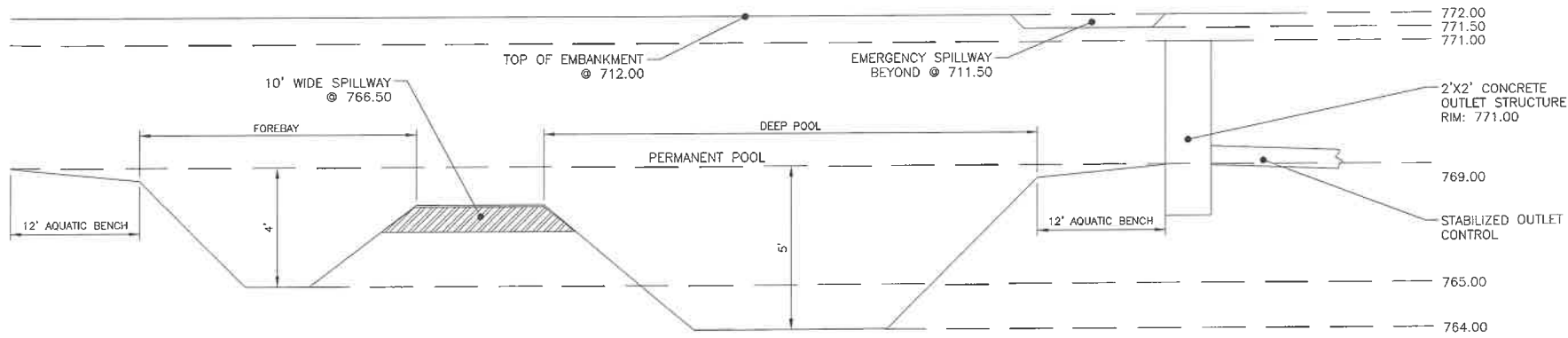
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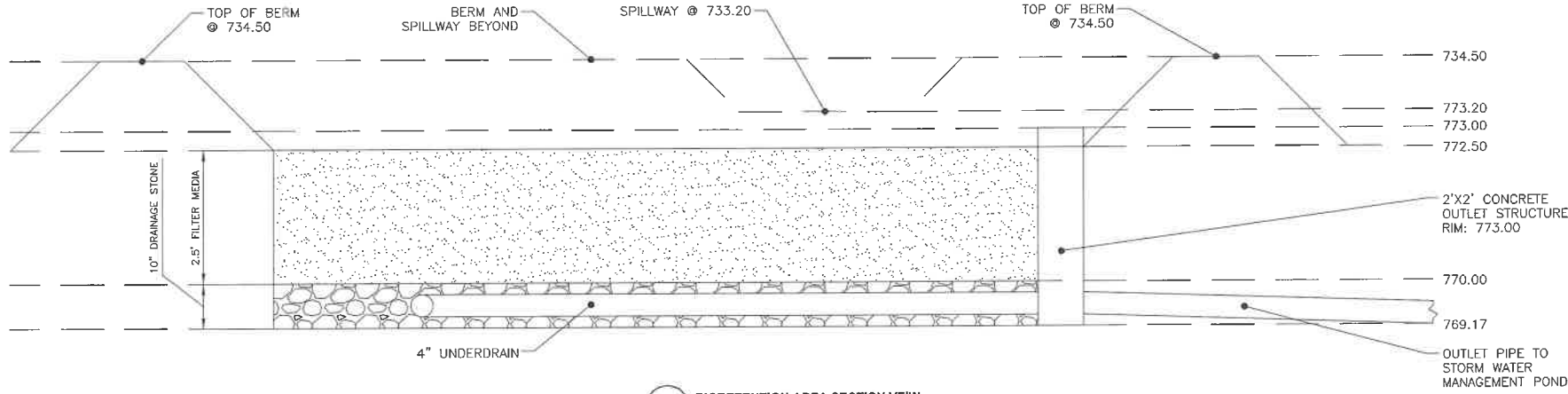




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1 STORM WATER MANAGEMENT POND SECTION VIEW  
N.T.S.

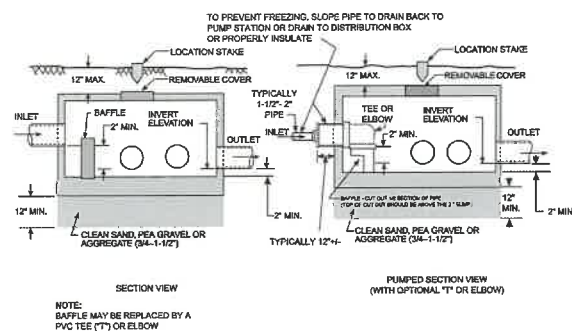


2 BIORETENTION AREA SECTION VIEW  
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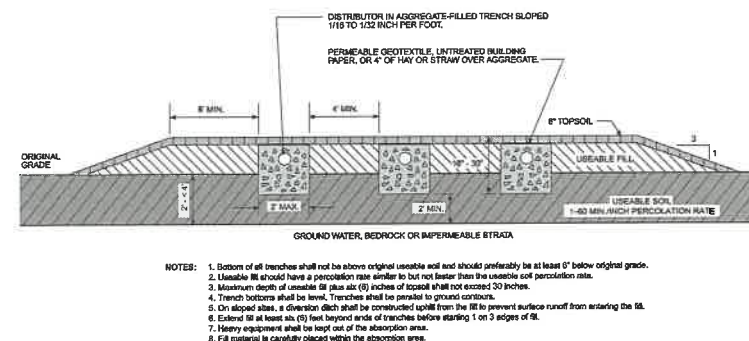
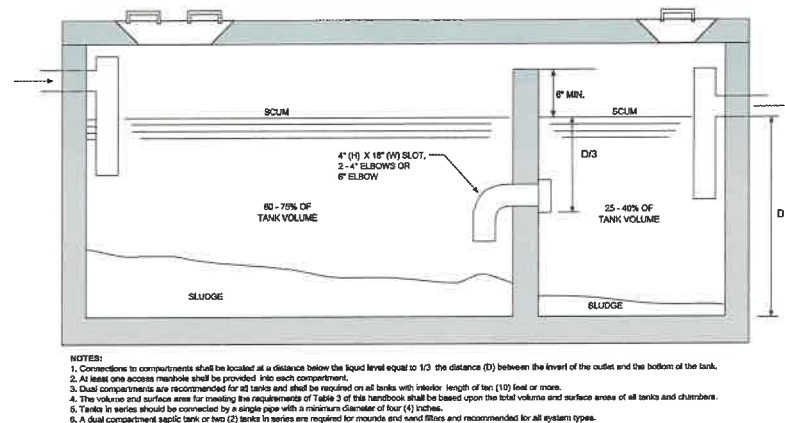
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PROJECT KREHER EGG PROCESSING FACILITY 5005 North Millgrove Road Town of Newstead Erie County, New York		DRAWING NO. <b>C803</b>	
TITLE OF DRAWING Details (Stormwater)		SHEET 15 OF 19	
FISHER ASSOCIATES WWW.FISHERASSOC.COM		STATE OF NEW YORK 11029 REGISTERED PROFESSIONAL ENGINEER	
EA PROJECT NO. 250750	ISSUE DATE 11.26.25	DRAWING CHK Drafter	DRAWING CHECKER ENGINEER
PROJECT MANAGER G. HARVEY		SCALE AS SHOWN	ENGINEER
COPYRIGHT © 2025 FISHER ASSOCIATES P.E. L.S.L.A.C.D.C.		New York State Education Law Section 1102.1 requires that all drawings be prepared by a registered professional engineer or land surveyor. It is the responsibility of the engineer or land surveyor to ensure that the drawing is prepared in accordance with the provisions of the law and to sign the drawing as such. The engineer or land surveyor is not responsible for the design or construction of the project.	
		1	PER ECWA & TOWN ENGINEER
		REV	DATE
			BY

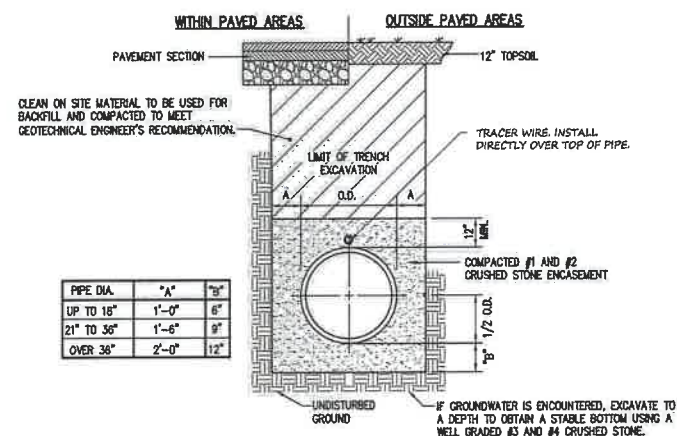




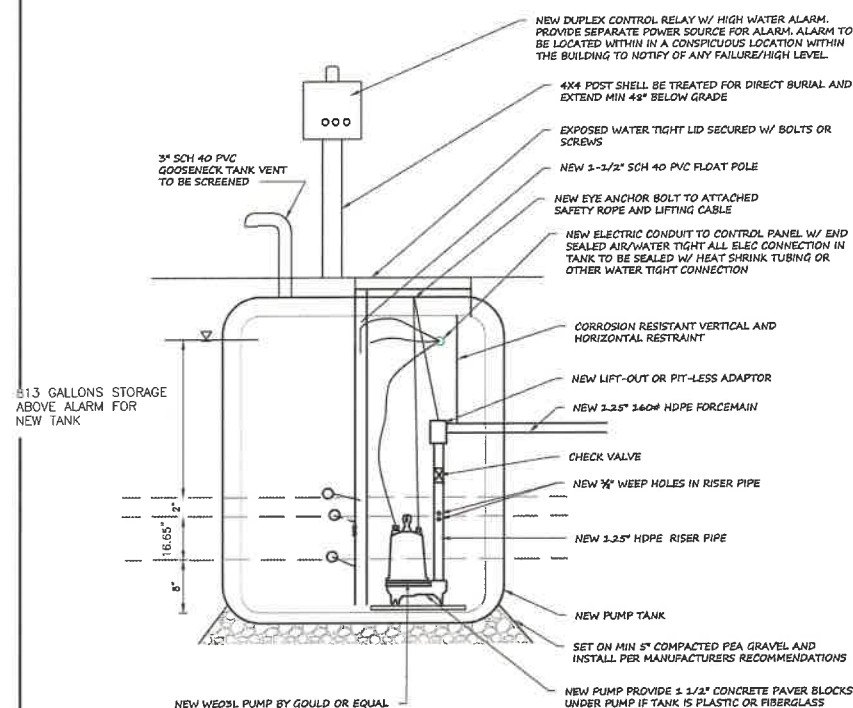
3 TYPICAL SEPTIC TANK  
N.T.S.



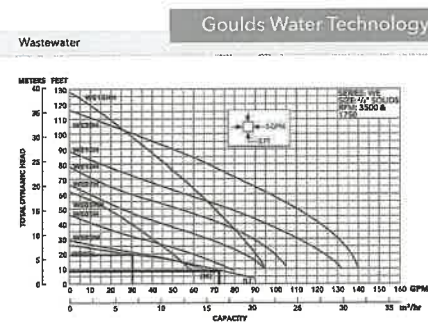
4 SHALLOW ABSORPTION TRENCH SYSTEM  
N.T.S.



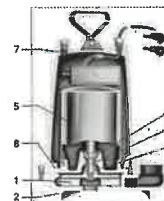
5 SANITARY FORCEMAIN BEDDING DETAIL  
NTS



2 TYPICAL PUMP TANK  
NTS

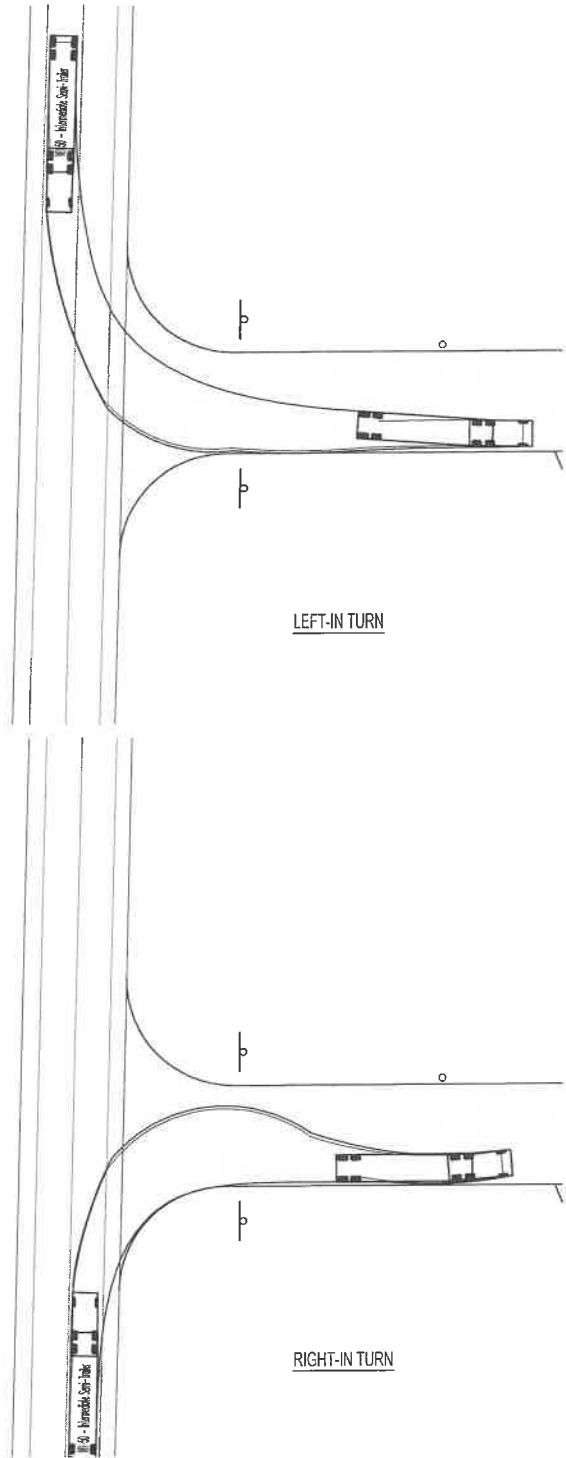


COMPONENTS	
Item No.	Description
1	Impeller
2	Casing
3	Mechanical Seal
4	Motor Shaft
5	Motor
6	Belt Bearings
7	Power Cable
8	Casing O-Ring

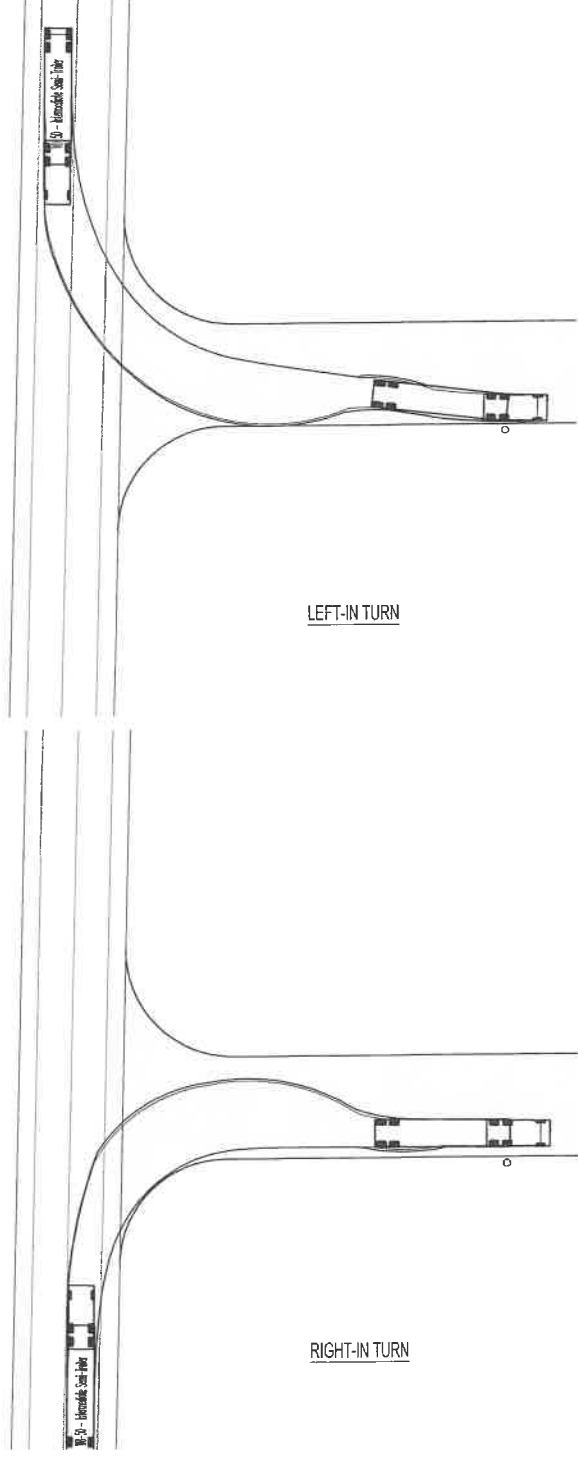
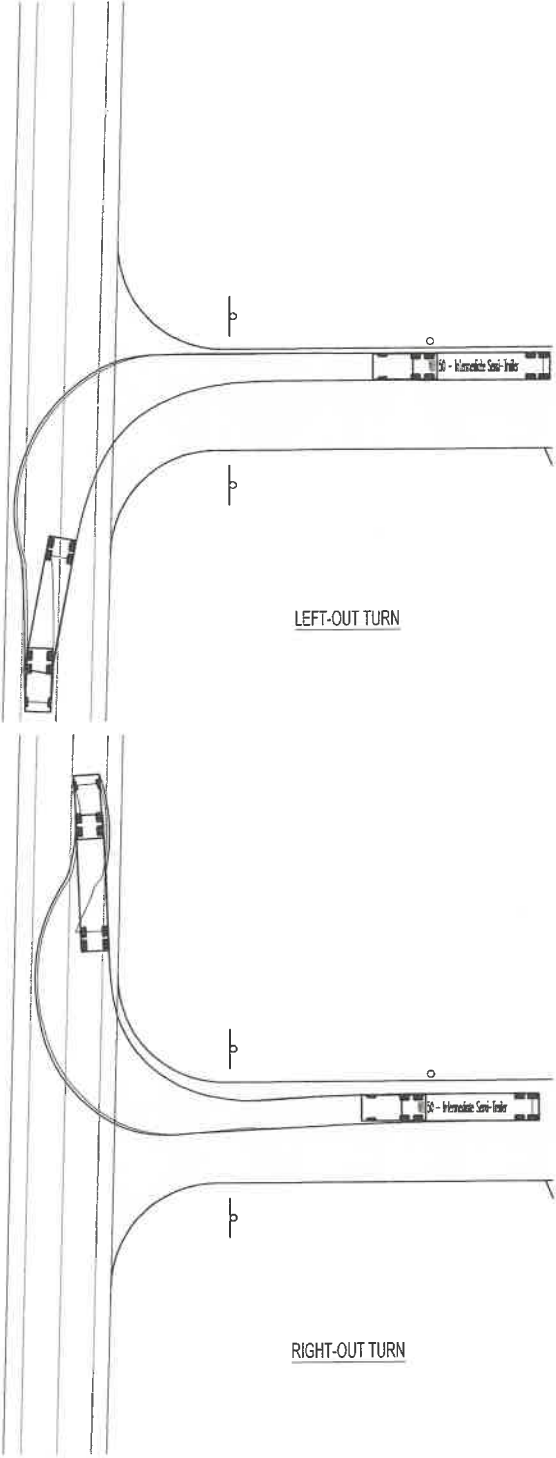




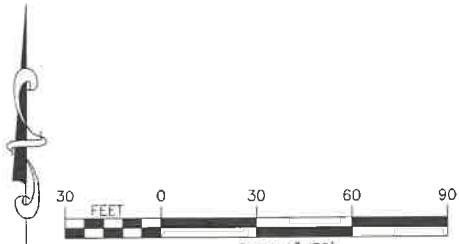
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USER: Jonathan Jones



NORTH ENTRANCE TRUCK TURNS  
SCALE: 1"=30'



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



FA PROJECT NO.  
250750  
PROJECT MANAGER  
G. HARVEY  
DRAWN BY  
Drafter  
SCALE  
AS SHOWN  
CHECKER  
ENGINEER  
ENGINEER

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P.E., U.S.A., D.C.  
New York State Education Law Section  
1602 requires that the seal of a professional engineer or land surveyor be placed on all drawings prepared by the engineer or land surveyor. The seal shall contain the name of the engineer or land surveyor, the number of the license, and the date of such license. The seal shall be a specific description of the profession.

REV	DESCRIPTION	DATE	BY



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

[illegible]

Project Status

DATE OF ISSUE:	Project Issue D
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DRAWN BY CMF	CHECKED BY CDW	JOB NUMBER
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SITE PLAN -  
PHOTOMETRIC

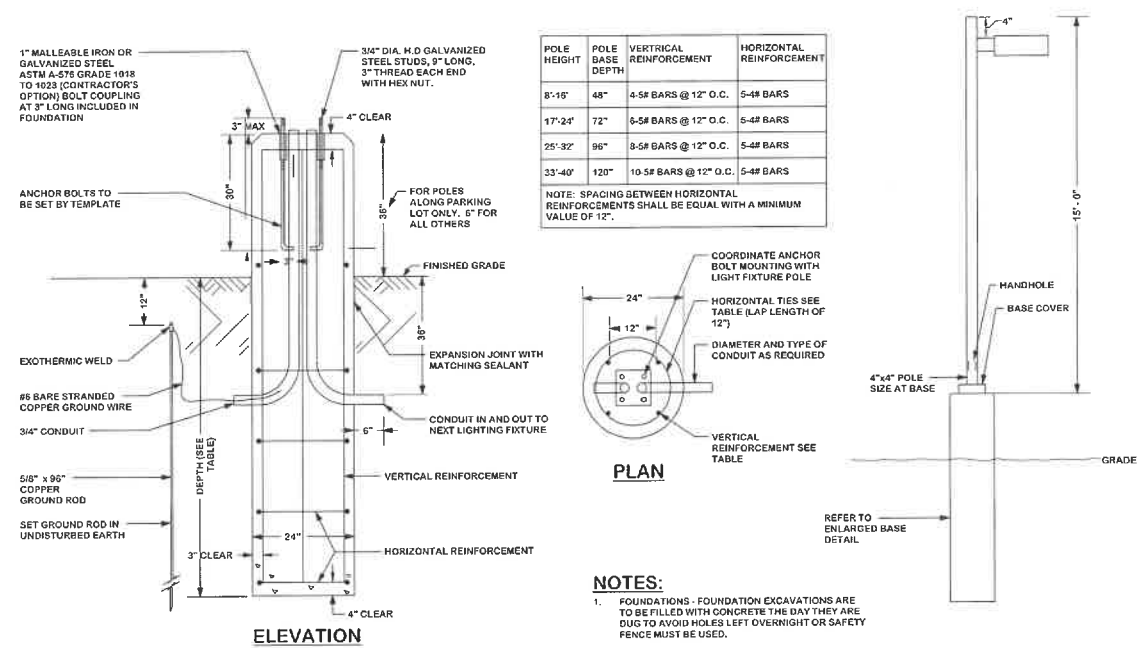
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LUMINAIRE SCHEDULE					LUMINAIRE LUMENS	LUMINAIRE WATTS	TOTAL WATTS
TYPE	SYMBOL	QTY	LABEL	DESCRIPTION			
P		27	EAX1 P3 30K T4	AREA LUMINAIRE	9104	54.29	1736.83
W		29	W032 LED P3 30K 80CRI VF	WALL PACK	3016	22.55	653.95

CALCULATION SUMMARY						
LABEL	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
EAST OFFICE ENTRANCE	Fc	6.05	13.7	1.7	3.56	8.06
NORTH FACILITY ENTRANCE	Fc	6.80	11.5	2.2	3.00	5.23
NORTH-EAST LOADING DOCK	Fc	4.39	8.7	1.1	4.39	7.91
NORTH-WEST LOADING DOCK	Fc	4.30	8.5	0.9	4.78	9.44
PARKING LOT	Fc	2.19	7.7	0.4	5.48	19.25
REMAINING PAVED AREA	Fc	0.96	6.0	0.1	9.60	60.00
SOUTH LOADING DOCK	Fc	3.98	6.8	0.7	5.63	12.29
SOUTH PROPERTY LINE	Fc	0.19	0.5	0.0	N/A	N/A
SOUTH-EAST FACILITY ENTRANCE	Fc	7.89	13.2	3.1	2.56	4.26
SOUTH-WEST FACILITY ENTRANCE	Fc	6.88	11.5	2.4	2.87	4.79
TRUCK PARKING	Fc	1.50	5.7	0.3	5.60	19.00
WEST OFFICE ENTRANCE	Fc	7.40	17.6	2.3	3.22	7.65

LPD AREA SUMMARY			
LABEL	AREA	TOTAL WATTS	LPD
CALCULATED AREA	169085	804.1099	0.605



POLE HEIGHT	POLE BASE DEPTH	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT
8'-10"	48"	4-5# BARS @ 12" O.C.	5-4# BARS
17'-24"	72"	5-5# BARS @ 12" O.C.	5-4# BARS
25'-32"	96"	8-5# BARS @ 12" O.C.	5-4# BARS
33'-40"	120"	10-5# BARS @ 12" O.C.	5-4# BARS

NOTE: SPACING BETWEEN HORIZONTAL REINFORCEMENTS SHALL BE EQUAL WITH A MINIMUM VALUE OF 12".

**NOTES:**

1. FOUNDATIONS - FOUNDATION EXCAVATIONS ARE TO BE FILLED WITH CONCRETE THE DAY THEY ARE DUG TO AVOID HOLES LEFT OVERNIGHT OR SAFETY FENCE MUST BE USED.

[illegible]

### Project Status

DATE OF ISSUE	Project Issue Date
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SITE PHOTOMETRIC

### SITE PHOTOMETRIC SCHEDULES

SCHEDULES

SHEET NUMBER: F211