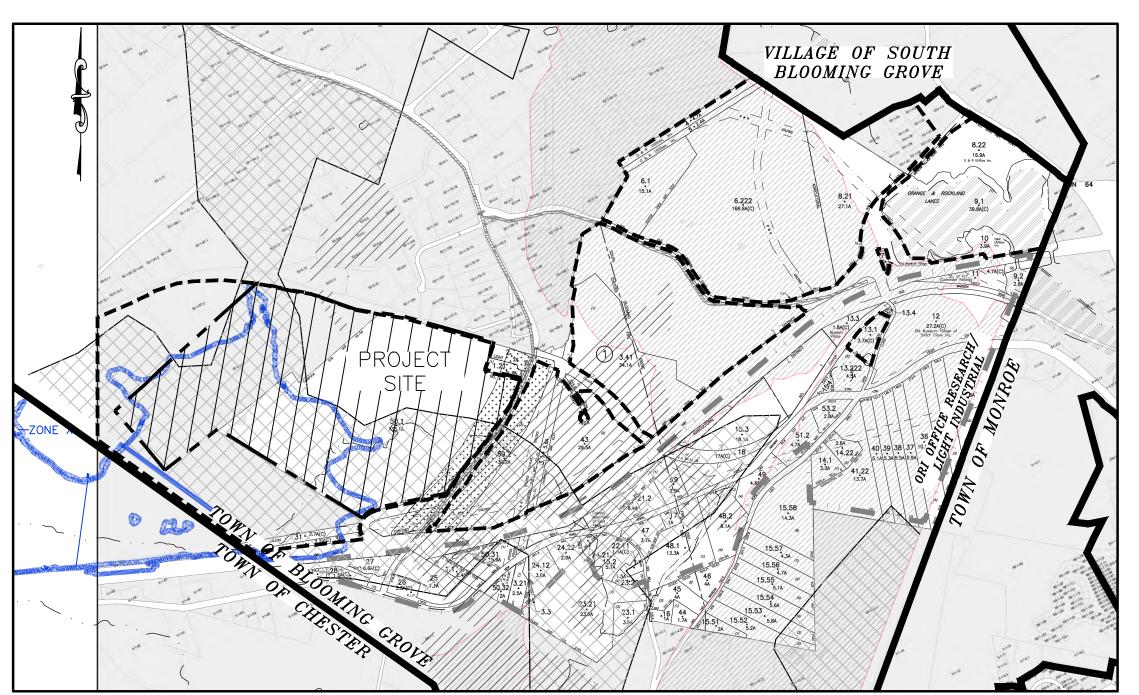
SITE PLAN PREPARED FOR CRAIGVILLE LOGISTICS CRAIGVILLE ROAD - TOWN OF BLOOMING GROVE ORANGE COUNTY, NY.



<u>SITE PLAN</u> DRAWING LIST SHEET # | SHEET TITLE ORIGINAL DATE/ LAST REVISED DATE 01 OF 66 TITLE SHEET 02 OF 66 EXISTING CONDITIONS & WETLAND VALIDATION MAP 01-29-22 / 10-03-24 03 OF 66 EXISTING CONDITIONS MAP SBL 54-1-50.12 01-29-22 / 10-03-24 01-29-22 / 10-03-24 04 OF 66 EXISTING CONDITIONS MAP SBL 54-1-50.12 05 OF 66 PROPOSED CONSERVATION AREA 10-23-23 / 10-03-24 09-14-23 / 10-03-24 06 OF 66 DEMOLITION PLAN 07 OF 66 SITE PLAN 01 02-24-21 / 10-03-24 08 OF 66 SITE PLAN 02 02-24-21 / 10-03-24 09 OF 66 SITE PLAN 03 02-24-21 / 10-03-24 02-24-21 / 10-03-24 10 OF 66 SITE PLAN 04 02-24-21 / 10-03-24 1 OF 66 | SITE PLAN 05 12 OF 66 SITE PLAN 06 02-24-21 / 10-03-24 13 OF 66 GRADING & UTILITY PLAN 01 02-24-21 / 10-03-24 14 OF 66 GRADING & UTILITY PLAN 02 02-24-21 / 10-03-24 15 OF 66 GRADING & UTILITY PLAN 03 02-24-21 / 10-03-24 16 OF 66 GRADING & UTILITY PLAN 04 02-24-21 / 10-03-24 7 OF 66 GRADING & UTILITY PLAN 05 02-24-21 / 10-03-24 02-24-21 / 10-03-24 18 OF 66 GRADING & UTILITY PLAN 06 19 OF 66 CUT AND FILL ANALYSIS 10-25-23 / 10-03-24 02-24-21 / 10-03-24 20 OF 66 DRIVEWAY PROFILE 21 OF 66 BUILDING SECTIONS 02-24-21 / 10-03-24 01-29-22 / 10-03-24 22 OF 66 RETAINING WALL SECTIONS 23 OF 66 LIGHTING PLAN 01 01-29-22 / 10-03-24 24 OF 66 LIGHTING PLAN 02 01-29-22 / 10-03-24 01-29-22 / 10-03-24 25 OF 66 LIGHTING PLAN 03 26 OF 66 LIGHTING PLAN 04 01-29-22 / 10-03-24 27 OF 66 LIGHTING PLAN 05 01-29-22 / 10-03-24 01-29-22 / 10-03-24 28 OF 66 LIGHTING PLAN 06 29 OF 66 LIGHTING DETAILS 01-29-22 / 10-03-24 03-01-22 / 10-03-24 30 OF 66 EROSION AND SEDIMENT CONTROL PLAN 01 03-01-22 / 10-03-24 31 OF 66 EROSION AND SEDIMENT CONTROL PLAN 02 32 OF 66 EROSION AND SEDIMENT CONTROL PLAN 03 03-01-22 / 10-03-24 03-01-22 / 10-03-24 33 OF 66 EROSION AND SEDIMENT CONTROL PLAN 04 03-01-22 / 10-03-24 34 OF 66 EROSION AND SEDIMENT CONTROL PLAN 05 35 OF 66 EROSION AND SEDIMENT CONTROL PLAN 06 03-01-22 / 10-03-24 06-22-22 / 10-03-24 36 OF 66 EROSION AND SEDIMENT CONTROL DETAILS 03-30-23 / 10-03-24 37 OF 66 TREE LOCATION & REMOVAL MAP 01 03-30-23 / 10-03-24 38 OF 66 TREE LOCATION & REMOVAL MAP 02 39 OF 66 TREE LOCATION & REMOVAL MAP 03 03-30-23 / 10-03-24 03-30-23 / 10-03-24 40 OF 66 TREE LOCATION & REMOVAL MAP 04 03-30-23 / 10-03-24 41 OF 66 TREE LOCATION & REMOVAL MAP 05 42 OF 66 TREE LOCATION & REMOVAL MAP 06 03-30-23 / 10-03-24 43 OF 66 TREE LOCATION & REMOVAL MAP 07 03-30-23 / 10-03-24 03-30-23 / 10-03-24 44 OF 66 TREE LOCATION & REMOVAL MAP 08 03-30-23 / 10-03-24 45 OF 66 TREE LOCATION & REMOVAL TABLE 46 OF 66 STORMWATER CONSTRUCTION DETAILS 03-01-22 / 10-03-24 12-30-22 / 10-03-24 47 OF 66 DRAINAGE PROFILE & PLAN 01 48 OF 66 DRAINAGE PROFILE & PLAN 02 12-30-22 / 10-03-24 49 OF 66 WATER SUPPLY PROFILE & PLAN 05-01-24 / 10-03-24 10-26-20 / 10-03-24 50 OF 66 ORTHOIMAGERY 07-29-22 / 10-03-24 51 OF 66 DEC WETLAND IMPACTS 01 52 OF 66 DEC WETLAND IMPACTS 02 08-17-22 / 10-03-24 08-17-22 / 10-03-24 53 OF 66 TRUCK TURNING DIAGRAMS-WB 67 01 08-17-22 / 10-03-24 54 OF 66 TRUCK TURNING DIAGRAMS-WB 67 03 55 OF 66 TRUCK TURNING DIAGRAMS-WB 67 03 08-17-22 / 10-03-24 56 OF 66 FIRE TRUCK TURNING DIAGRAMS 08-17-22 / 10-03-24 03-29-22 / 10-03-24 57 OF 66 CONSTRUCTION DETAILS 01 58 OF 66 CONSTRUCTION DETAILS 02 59 OF 66 WATER SUPPLY & TREATMENT DETAILS 01-27-23 / 10-03-24

WARNING- IT IS A VIOLATION OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2

61 OF 66 SEWAGE DISPOSAL SYSTEM PLAN & PROFILE

64 OF 66 BOG TURTLE EDUCATION & ENCOUNTER PLAN

62 OF 66 SEWAGE DISPOSAL DETAILS 01

63 OF 66 SEWAGE DISPOSAL DETAILS 02

65 OF 66 LANDSCAPE PLAN & DETAILS

60 OF 66 SIGN DETAILS

66 OF 66 LANDSCAPE PLAN

ND CHANGES.

ONLY MAPS WITH EMBOSSED SEALS ARE GENUINE COPIES OF THE ORIGINAL WORK AND OPINION. MAPS NOT BEARING EMBOSSED SEALS SHOULD NOT BE RELIED UPON SINCE OTHER

THAN EMBOSSED-SEAL COPIES MAY CONTAIN UNAUTHORIZED

AND UNDETECTABLE MODIFICATIONS, DELETIONS, ADDITIONS

LOCATION MAP SCALE: 1"=600' SOURCE: TAX MAPS

- <u>ARCHITECTURAL PLAN DRAWING LIST:</u>
- A-110 OVERALL FLOOR FIRST FLOOR PLAN A-111 PARTIAL FLOOR PLAN
- A-113 PARTIAL FLOOR PLAN A-120 OVERALL MEZZANINE PLAN A-130 OVERALL ROOF PLAN A-201 FRONT ELEVATION
- A-202 LEFT AND RIGHT ELEVATION A-203 REAR ELEVATION A-211 FRONT ELEVATION DETAILS A-212 FRONT ELEVATION DETAILS

A-213 RIGHT AND LEFT ELEVATION DETAILS

A-214 BACK ELEVATION DETAILS A-301 TYP. WALL SECTION A-302 DETAILS AND NOTES A-303 DETAILS

A-401 DIMENSION FOR PANELS

08-18-2022 RELEASED FOR PERMIT

12-22-2022 REVISED TO SMALLER FOOT PRINT 10-26-2023 RELEASED AS PER B.D.

RECORD OWNER & APPLICANT 54-1-50.12 CHESTER SF LLC 5014 16AVE BROOKLYN NY 11204

- ENTITLED SURVEY PLAN PREPARED FOR SECTION 54, BLOCK 1, LOT 50.1 & SECTION 52 BLOCK 5 LOT 11 AS PREPARED BY CLEARPOINT SERVICES, LLC DATED FEBRUARY 21, THE WETLANDS SHOWN ON THIS MAP WERE DELINEATED BY MICHAEL NOWICKI OF
- ECOLOGICAL SOLUTIONS IN FERBUARY 2020 AND MAPPED BY CLEARPOINT SERVICES, LLC. 3. THIS SURVEY DOES NOT PURPORT TO IDENTIFY, IF ANY, ENCROACHMENTS, UTILITIES, SERVICE LINES OR STRUCTURES BELOW GROUND; PROPERTY SUBJECT TO DOCUMENTS OF RECORD;
- 5. NO ATTEMPT WAS MADE TO DETERMINE IF ANY PORTION OF THIS PROPERTY IS CLAIMED BY THE STATE OF N.Y. AS TIDELANDS; 6. NO RESPONSIBILITY OR LIABILITY IS ASSUMED BY THE LAND SURVEYOR FOR ANY OTHER PURPOSE INCLUDING, BUT NOT LIMITED TO USE OF SURVEY FOR SURVEY AFFIDAVIT, RESALE OF PROPERTY, OR TO ANY OTHER PERSON NOT LISTED IN THE CERTIFICATION EITHER DIRECTLY OR INDIRECTLY.

. ONLY COPIES FROM THE ORIGINAL SURVEY MARKED WITH AN ORIGINAL PROFESSIONAL

- LAND SURVEYORS EMBOSSED SEAL SHALL BE CONSIDERED VALID COPIES; 8. SIGNATURE AND EMBOSSED SEAL SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE EXISTING CODE OF PRACTICE ADOPTED BY THE NEW YORK STATE BOARD OF PROFESSIONAL ENGINEERS AND LAND SURVEYORS; 9. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED PROFESSIONAL LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW;
- 10. APPROXIMATELY 86 ACRES OF NYSDEC REGULATED AREA IS SHOWN INCLUDING THE 100' ADJACENT AREA. 11. POLICE: BLOOMING GROVE POLICE DEPT. & NYS TROOPERS. AMBULANCE: BLOOMING GROVE AMBULANCE. FIRE: CHESTER FIRE DEPT.
- SCHOOL: MONROE WOODBURY CSD 12. WATER SUPPLY: INDIVIDUAL ON-SITE DRILLED WELL. SEWAGE DISPOSAL: ON-SITE SUBSURFACE SEPTIC SYSTEM. 13. OUTSIDE STORAGE IS PROHIBITED. 14. ALL UTILITIES WILL BE UNDERGROUND.

REFERENCE MAPS

. PLAN ENTITLED "SUBDIVISION OF PROPERTY FOR THOMPSON, TOWN OF BLOOMING GROVE ORANGE COUNTY - NEW YORK" PREPARED BY ROGER J. FERRIS. ENGINEERING AND LAND SURVEYING, P.C., MIDDLETOWN, NEW YORK, DATED MARCH 24,1998, LAST REVISED APRIL 23, 1999. FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON APRIL 5, 2000 AS MAP #

2. WETLANDS INFORMATION OBTAINED FROM A PLAN ENTITLED "TOPOGRAPHIC MAP PREPARED FOR WYNDHAM KNOLLS SITUATE IN TOWN OF BLOOMING GROVE. ORANGE CO N.Y.. DATED 03-08-2008, PREPARED BYEDWARD P. GANNON, P.L.S., BLOOMING GROVE. NY. NOTE # 5 ON TOPOGRAPHIC MAP "THE FRESHWATER WETLANDS BOUNDARY (MO-3) AS SHOWN HEREON ARE FROM A FIELD DELINEATION BY THE N.Y.S.D.E.C. STAFF PERFORMED ON JULY 15 AND 16 AND WERE SURVEY LOCATED BY DAN YANOSH, P.L.S. ON JULY 25, 1996. SAID WETLANDS HAVE SINCE BEEN RE-VALIDATED BY DOUGLAS GAUGLER OF THE N.Y.D.D.E.C. ON DECEMBER 10, 2003" 3. MOODNA SEWER DISTRICT WASTEWATER FACILITIES CHESTER INTERCEPTOR — SEWER DISTRICT NO. 6A MAPPING PREPARED BY PHILLIP J. CLARK, P.E. CONSISTING OF 21 SHEETS & LAST REVISED 3/1/83.

BEING KNOWN AS LOT 1 AS SHOWN ON A MAP ENTITLED "SUBDIVISION OF PROPERTY FOR THOMPSON, TOWN OF BLOOMING GROVE, ORANGE COUNTY - NEW YORK" DATED MARCH 24, 1998 PREPARED BY ROGER J. FERRIS, ENGINEERING AND LAND SURVEYING, P.C. MIDDLETOWN, NEW YORK. DULY FILED IN THE ORANGE COUNTY CLERK'S OFFICE ON APRIL 5, 2000 AS MAP

ALSO BEING KNOWN AS SECTION 54, BLOCK 1, LOT 50.1 & SECTION 52 BLOCK 5 LOT 11 AS SHOWN ON THE OFFICIAL TAX MAP FOR THE TOWN OF BLOOMING GROVE, ORANGE COUNTY, NEW YORK.

SCHOOL DISTRICT: MONROE - WOODBURY CSD

03-29-22 / 10-03-24

05-05-23 / 10-03-24

01-27-23 / 10-03-24

05-05-23 / 10-03-24

09-20-23 / 10-03-24

06-22-22 / 10-03-24

09-14-23 / 10-03-24

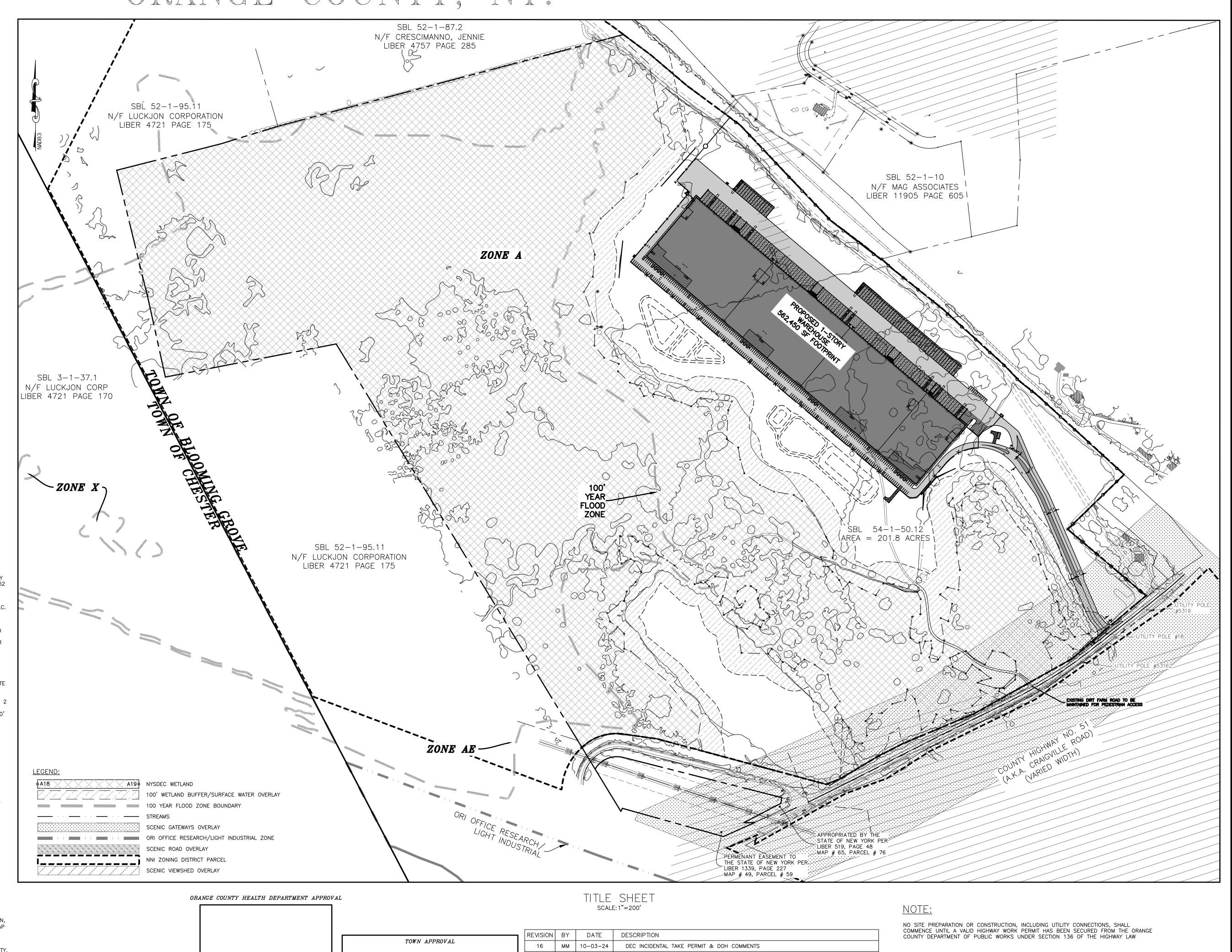
POLICE DEPARTMENTS:

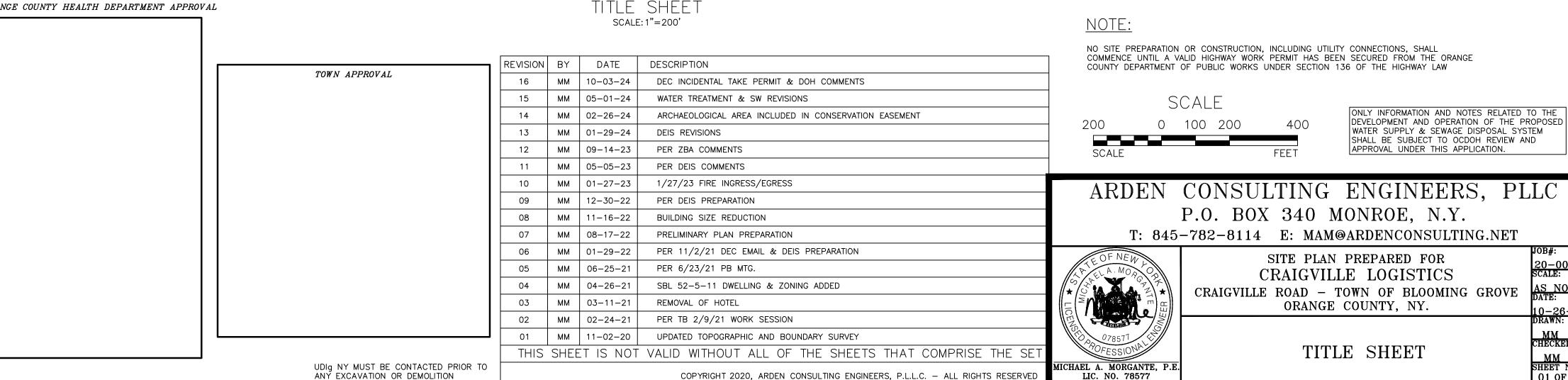
TOWN OF BLOOMING GROVE POLICE, NYS TROOPERS FIRE DEPARTMENTS & EMERGENCY SERVICES:

SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.

BLOOMING GROVE AMBULANCE, CHESTER FD ORANGE COUNTY DEPARTMENT OF HEALTH NOTES ORANGE COUNTY HEALTH DEPARTMENT APPROVAL IS LIMITED TO 5 YEARS. TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH BASED UPON DEVELOPMENT FACTS AND ANY REGULATIONS, OR GUIDANCE, IN EFFECT AT THAT IME. A NEW PLAN

- 2. THIS PROJECT HAS INDICATED THE INTENT TO PROVIDE ADEQUATE FIRE FLOW BY THE PROPOSED INSTALLATION OF SPRINKLER SYSTEMS MEETING NFPA REQUIREMENTS, AND IS; THEREFORE, EXEMPT FROM THE NEEDED FIRE FIOW GUIDELINES OF THE INSURANCE SERVICES OFFICE (ISO). THE PROPOSED SPRINKLER SYSTEM DESIGN HAS NOT BEEN EVALUATED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH FOR COMPLIANCE WITH NFPA REQUIREMENTS.
- 3. ALL WORK IS TO BE COMPLETED IN ACCORDANCE WITH EPA "NO LEAD LAW" OF 2014.



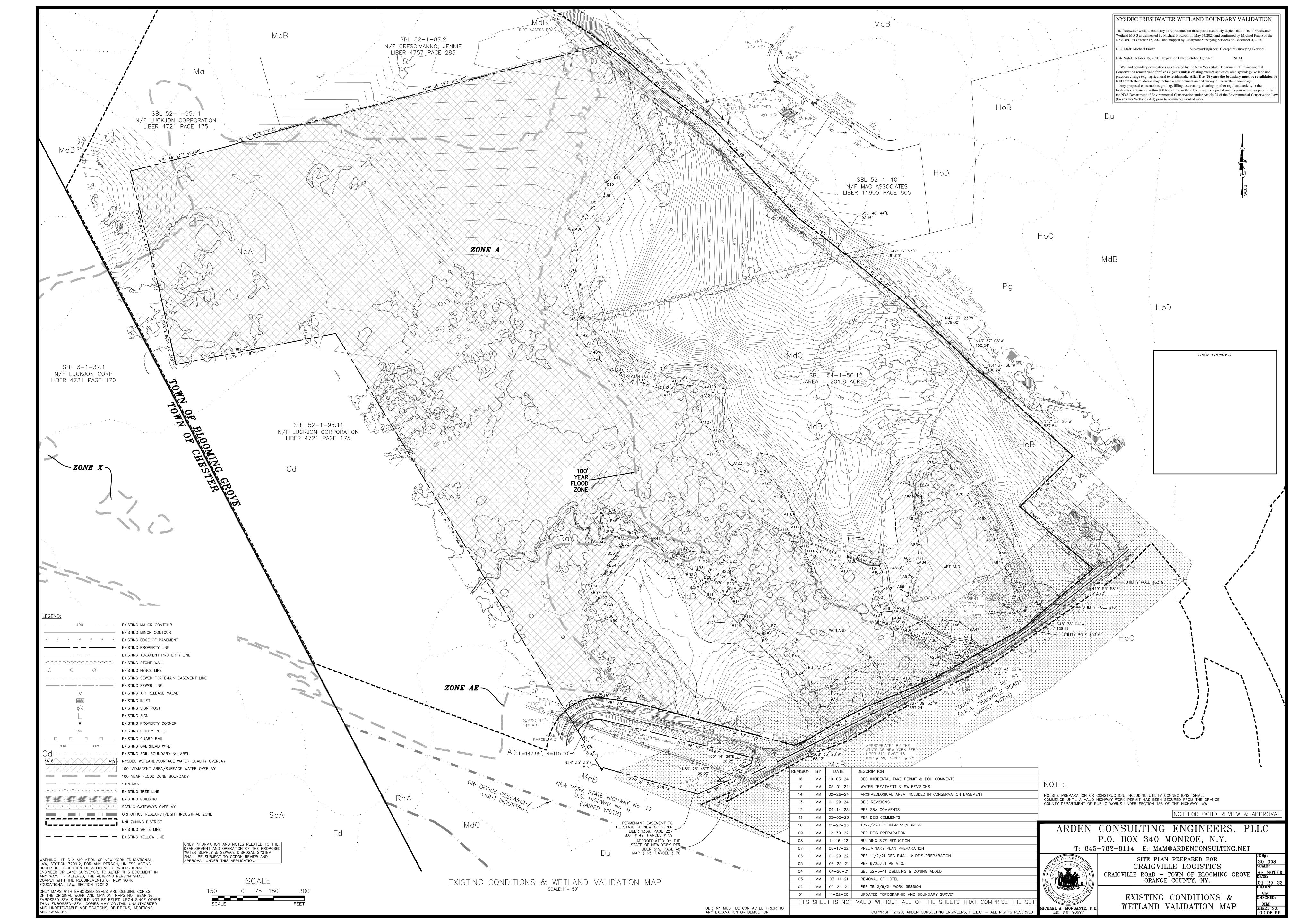


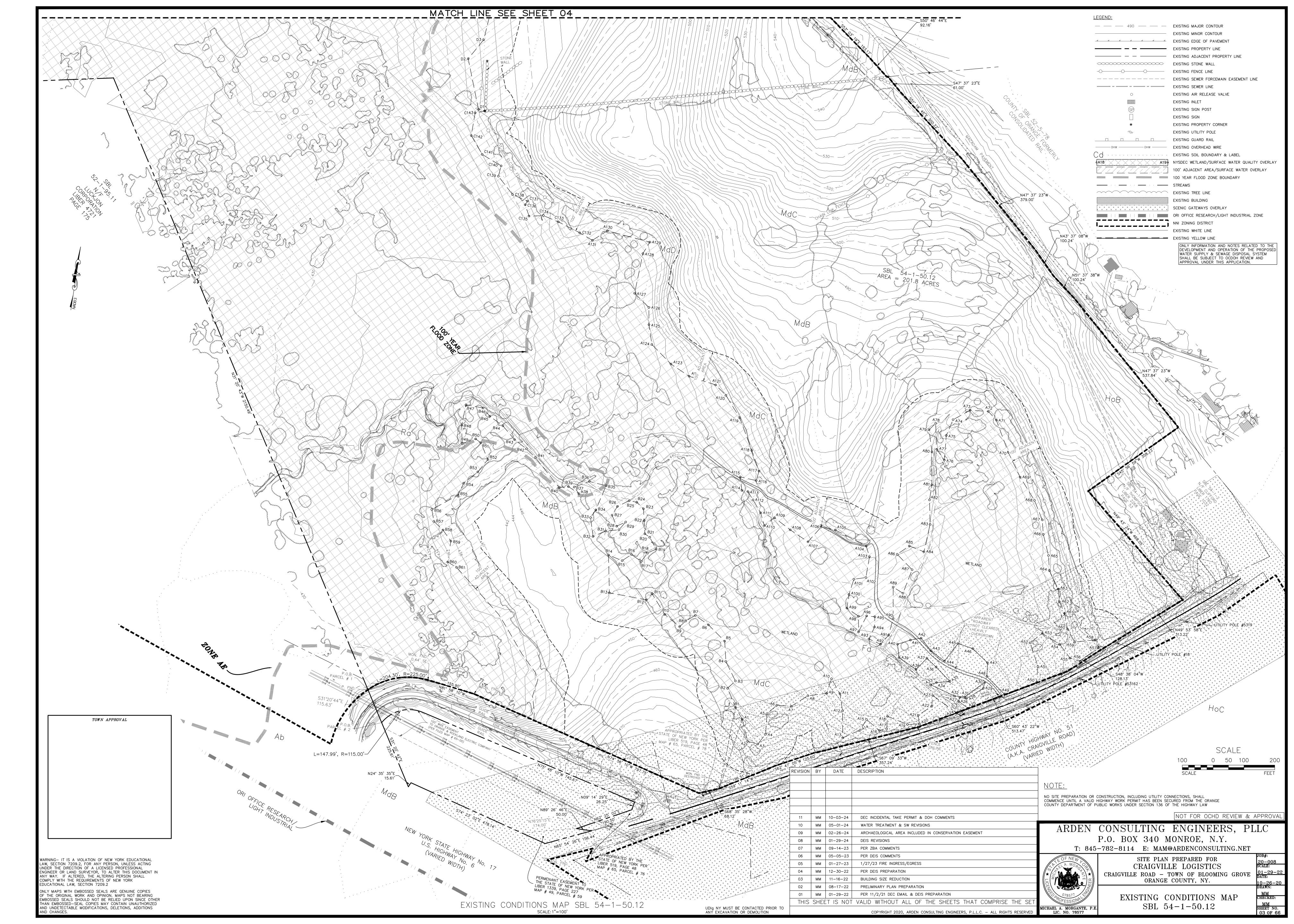
ARDEN CONSULTING ENGINEERS, PLLC P.O. BOX 340 MONROE, N.Y. T: 845-782-8114 E: MAM@ARDENCONSULTING.NET

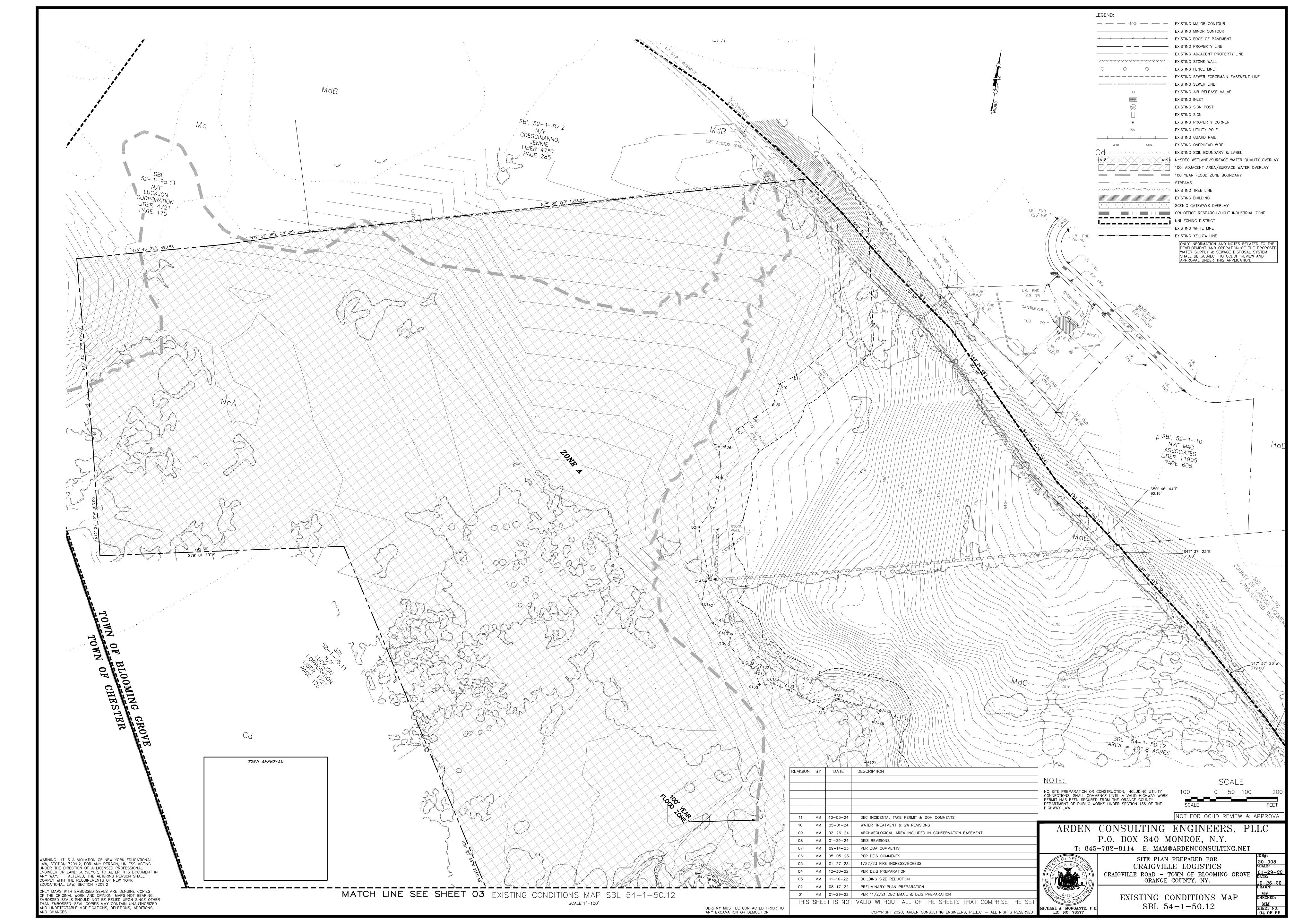
SITE PLAN PREPARED FOR CRAIGVILLE LOGISTICS CRAIGVILLE ROAD - TOWN OF BLOOMING GROVE ORANGE COUNTY, NY.

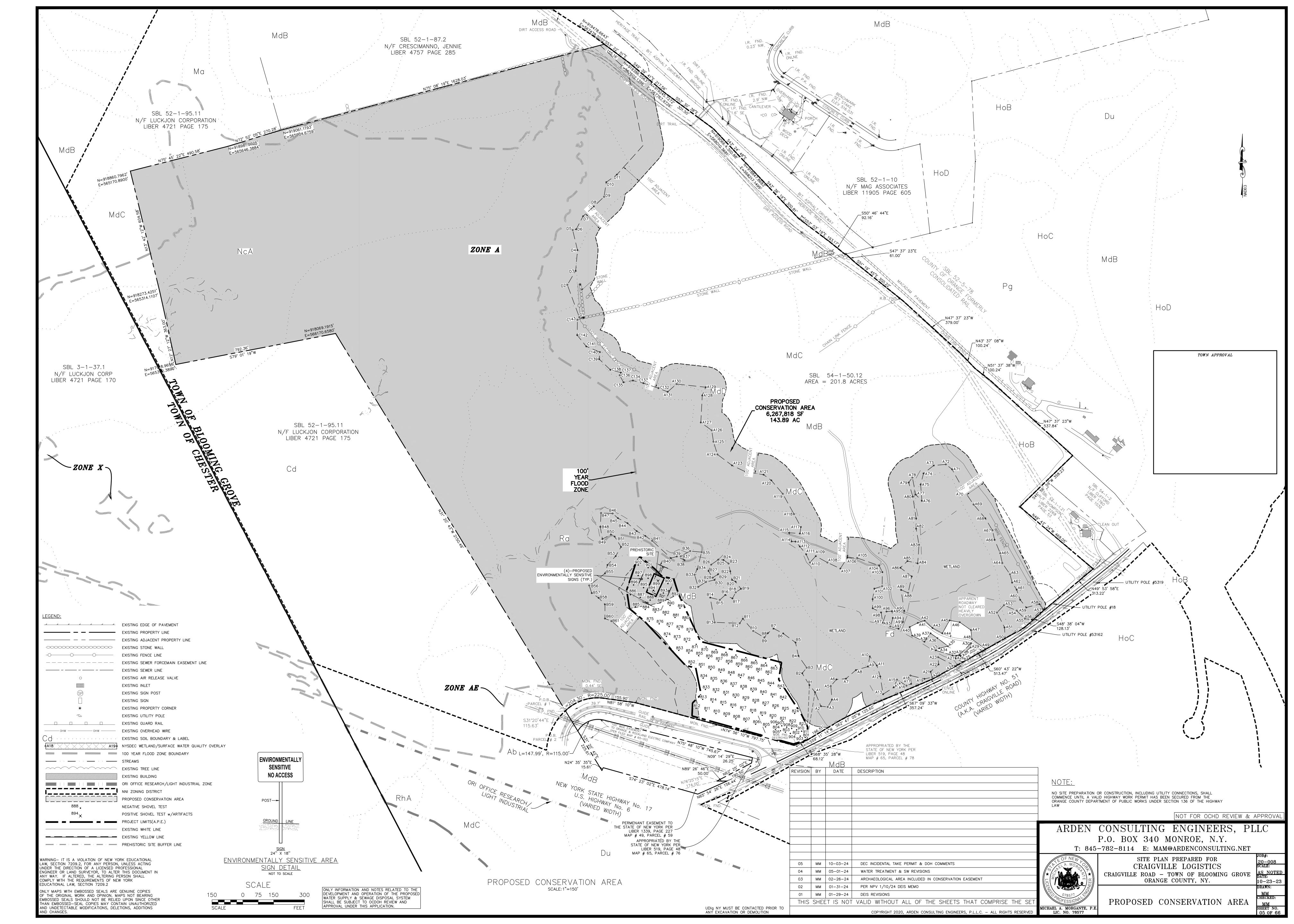
TITLE SHEET

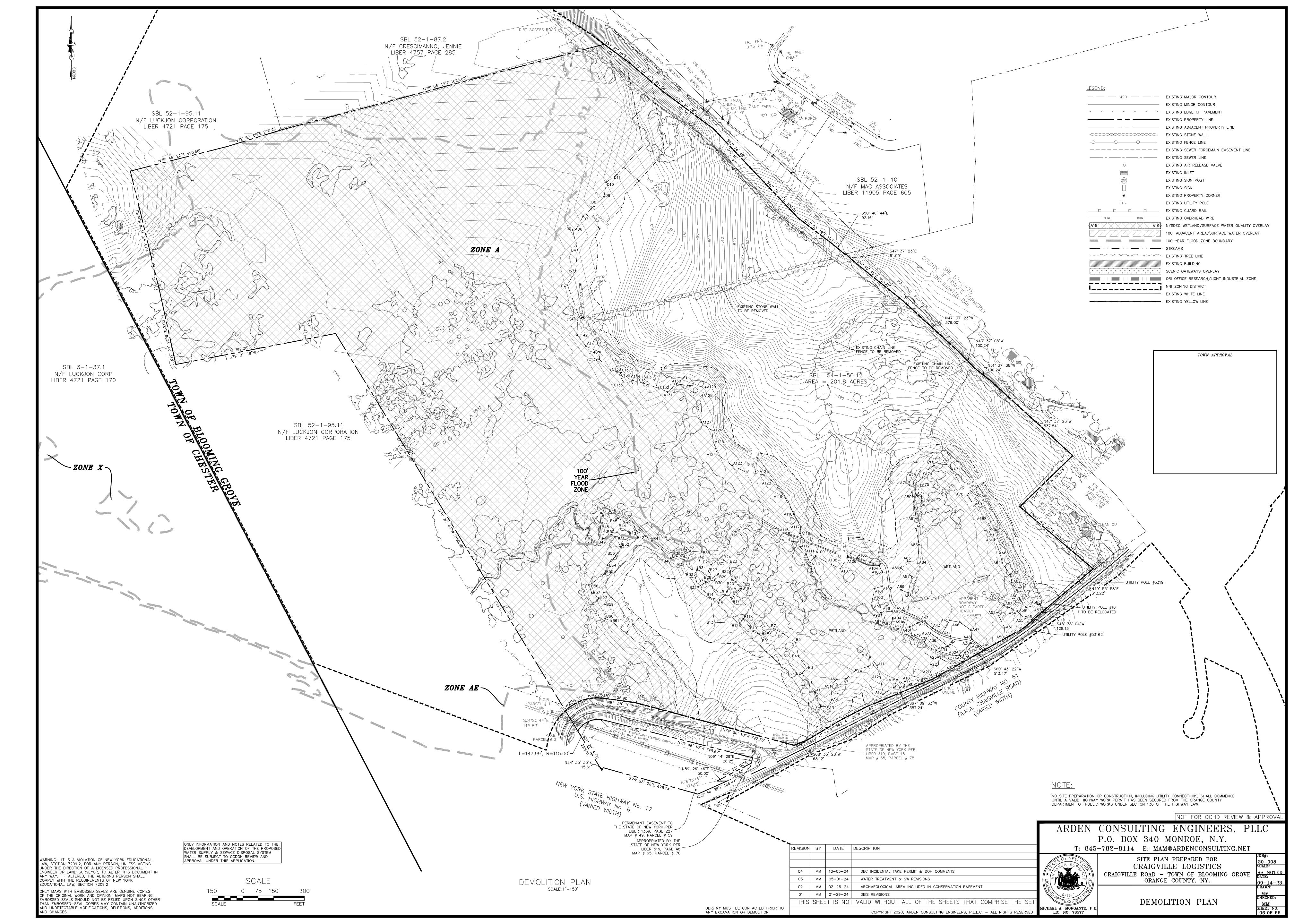
CHECKED:

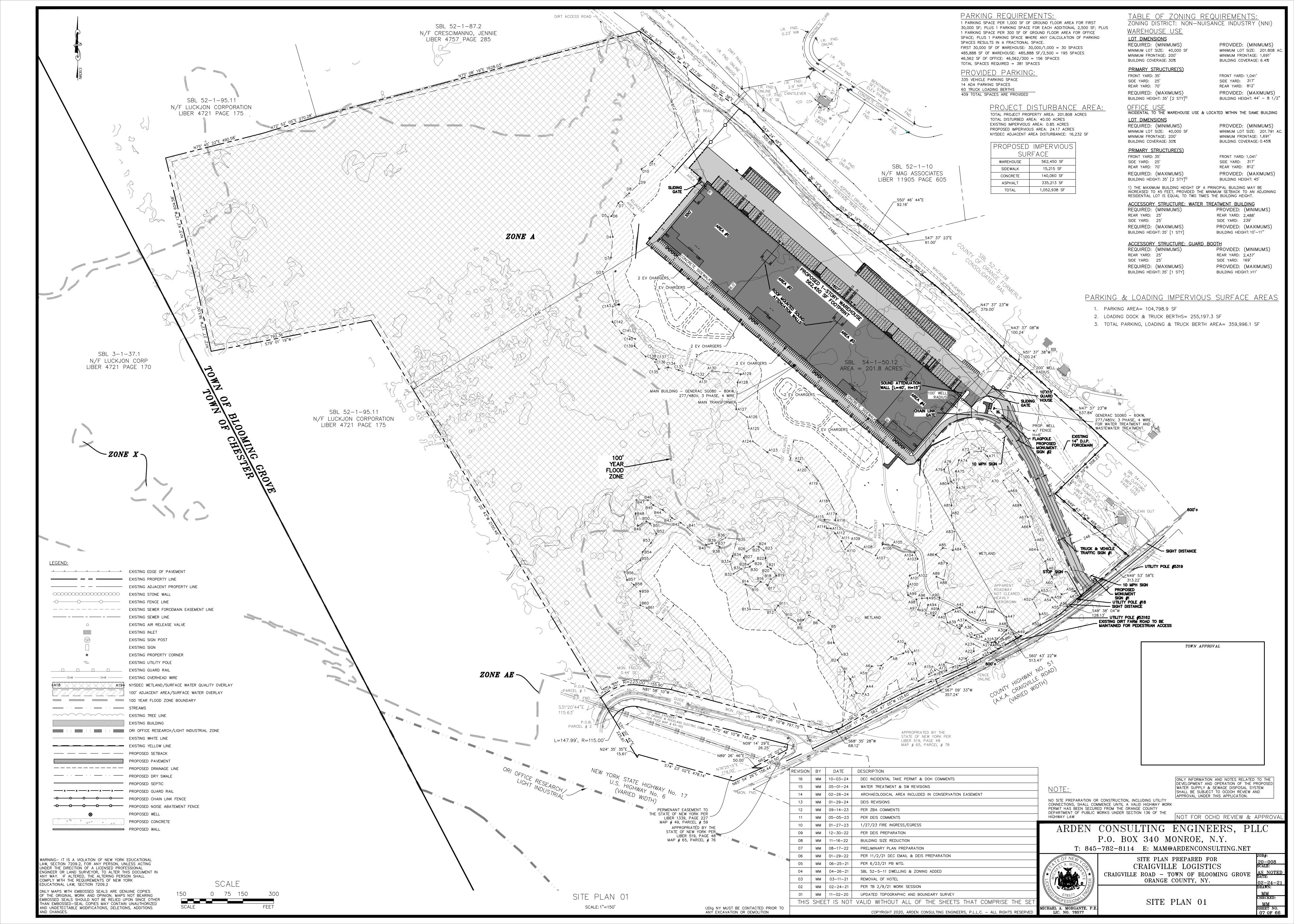


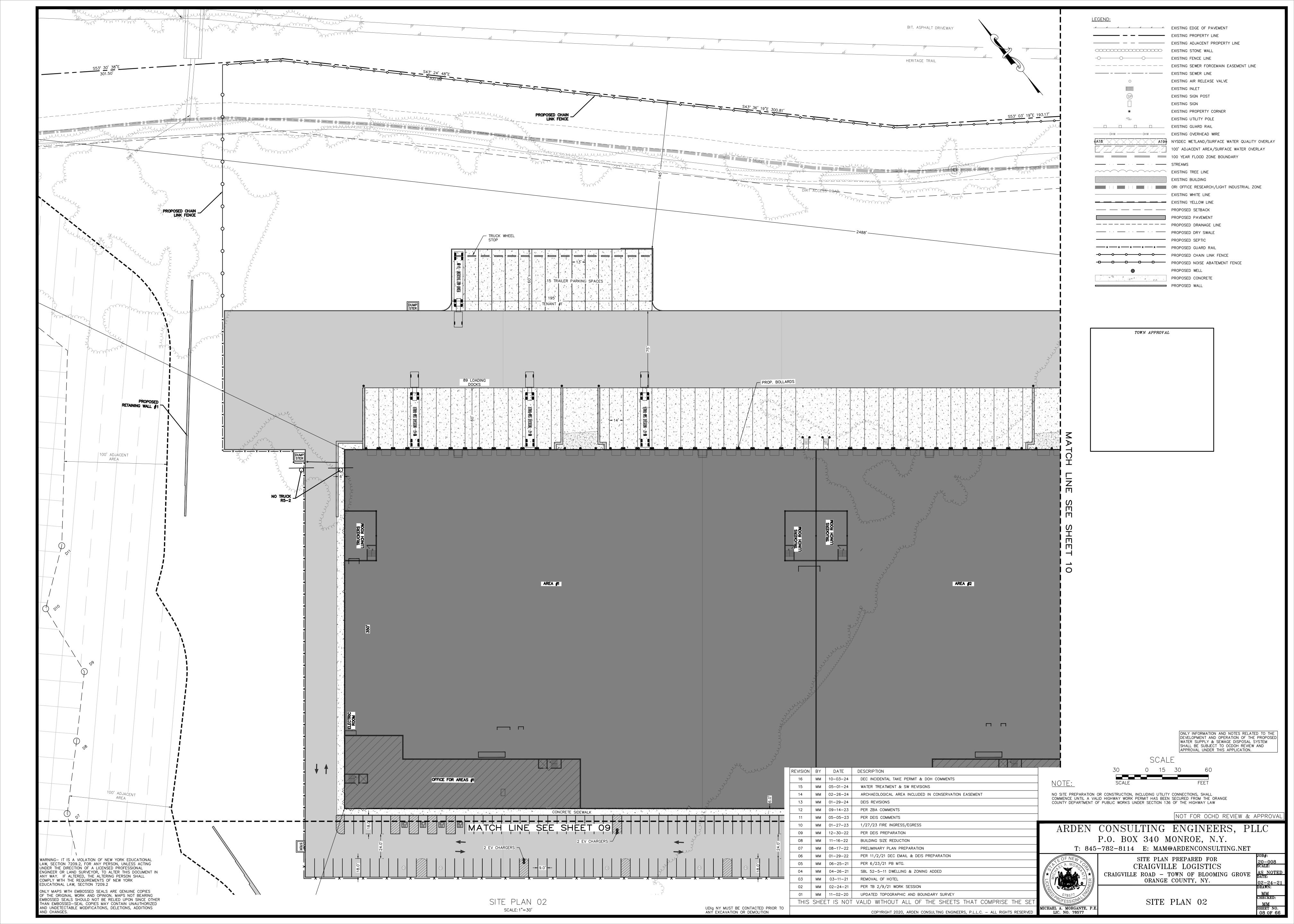


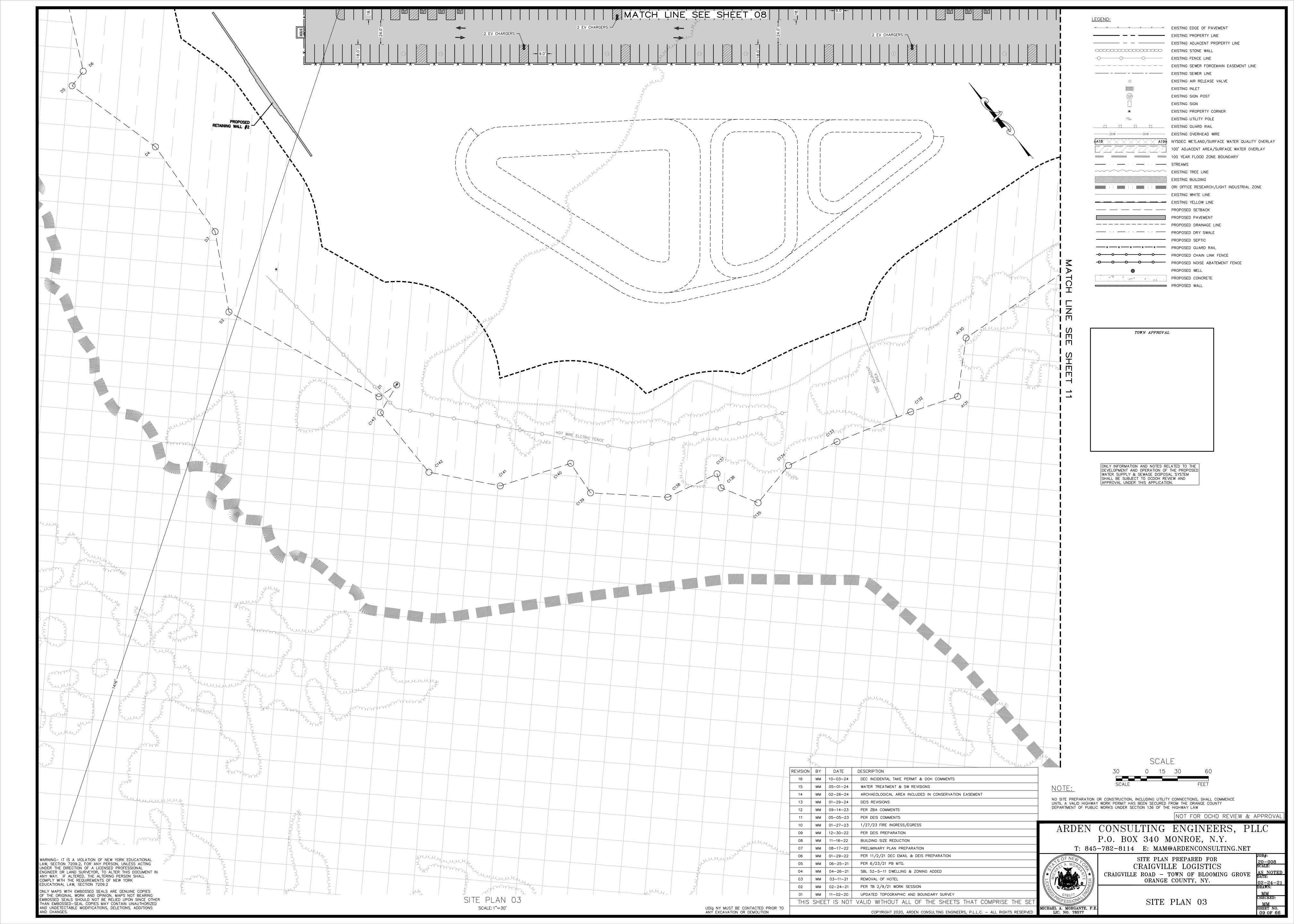


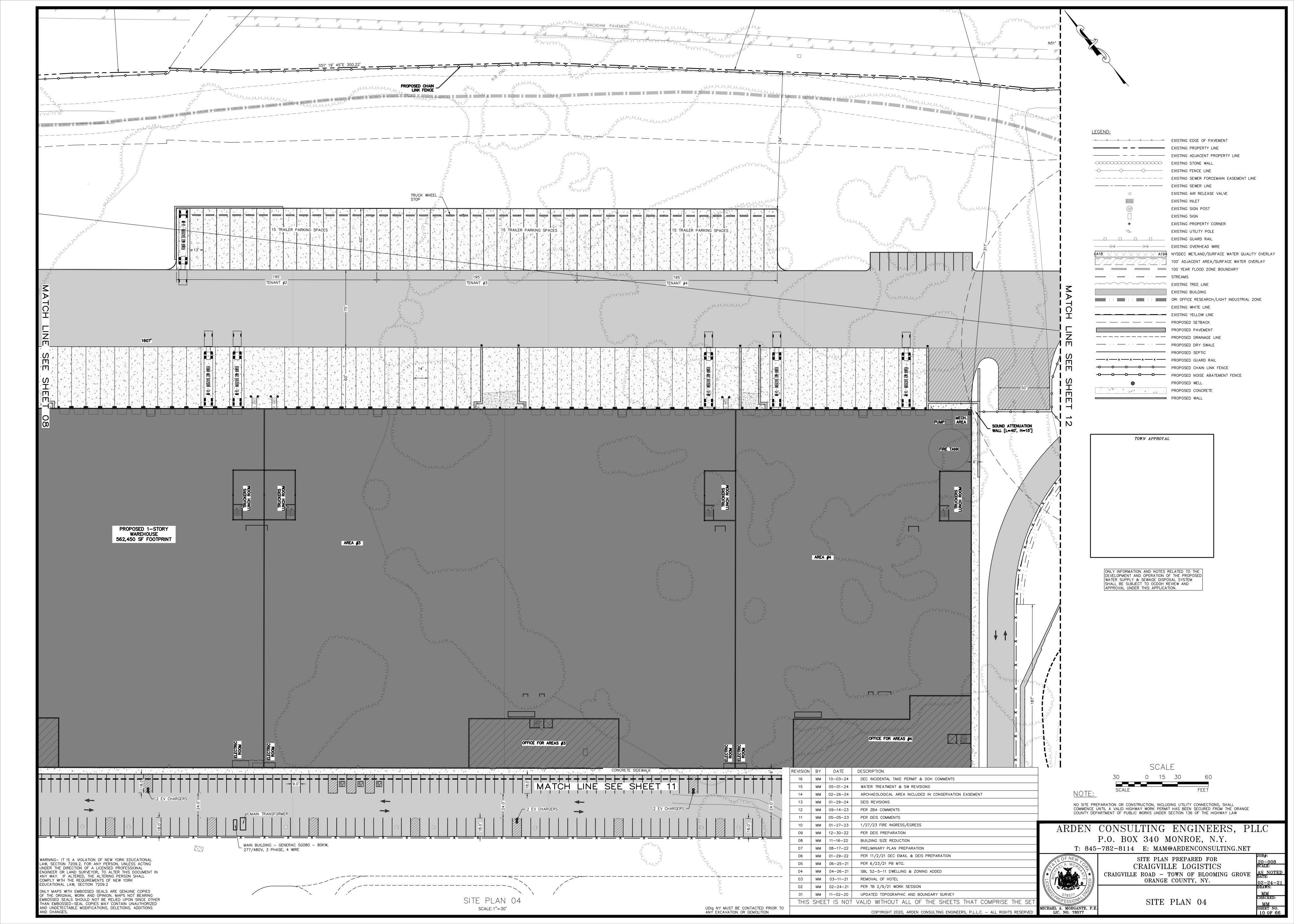


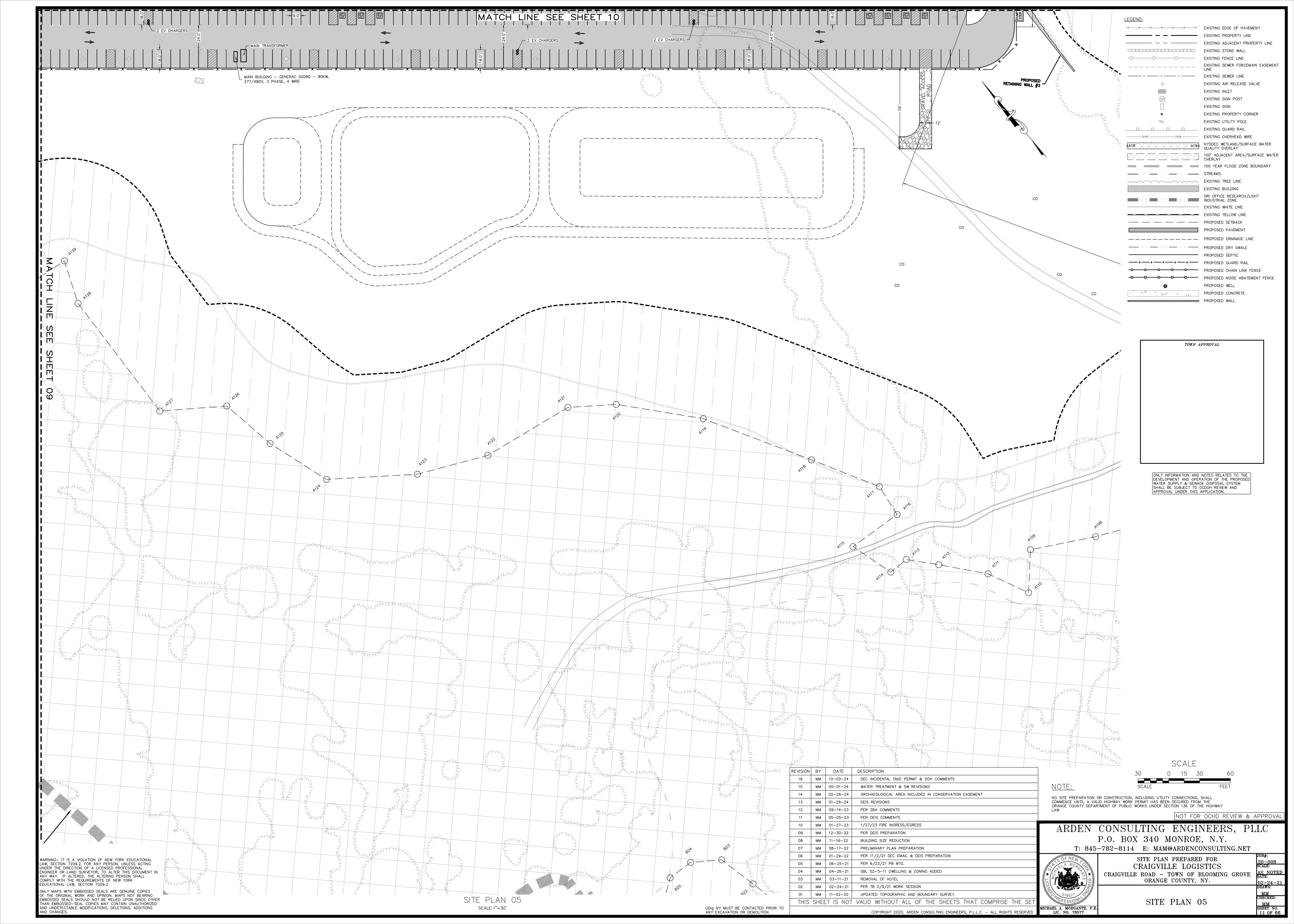


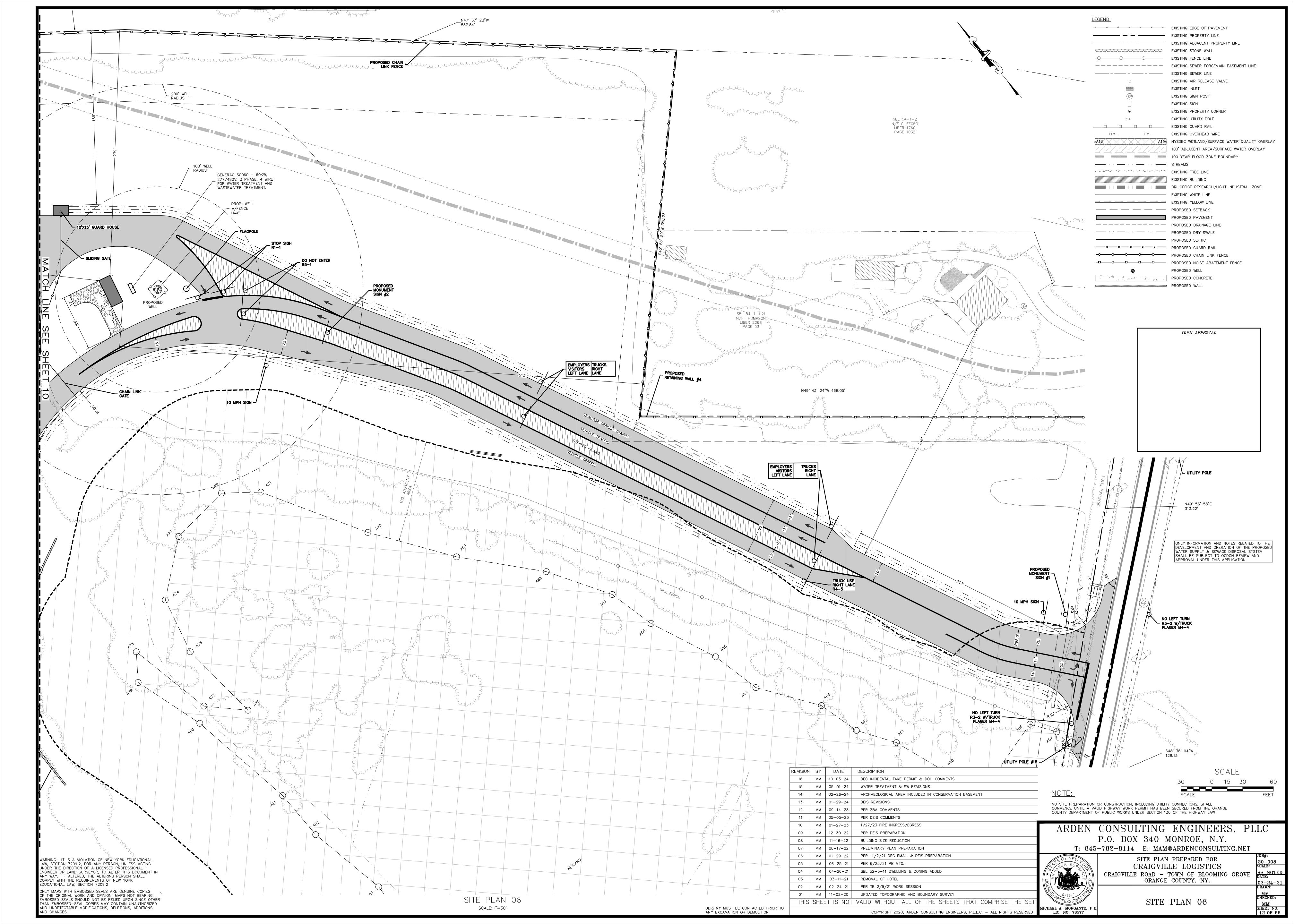


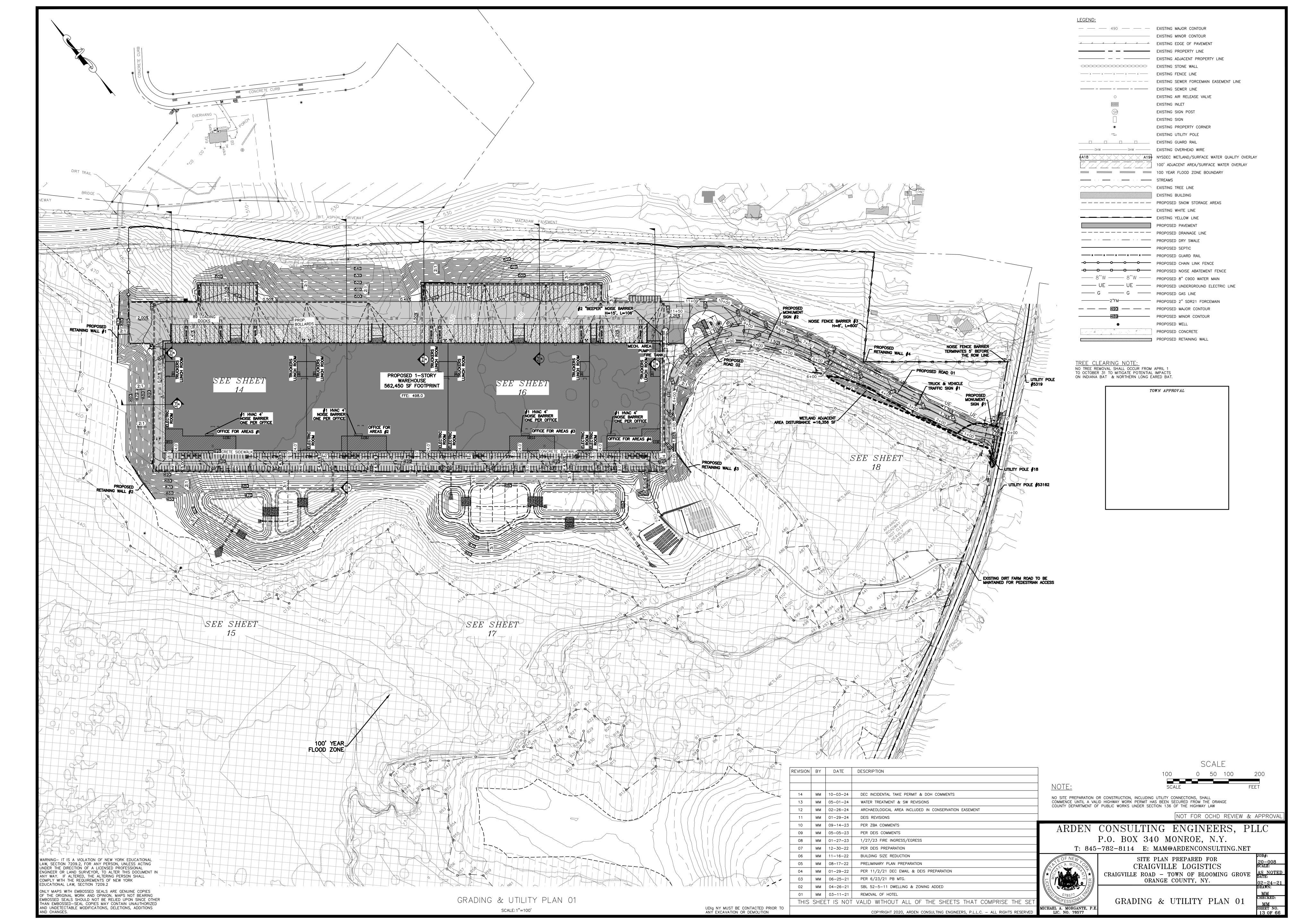


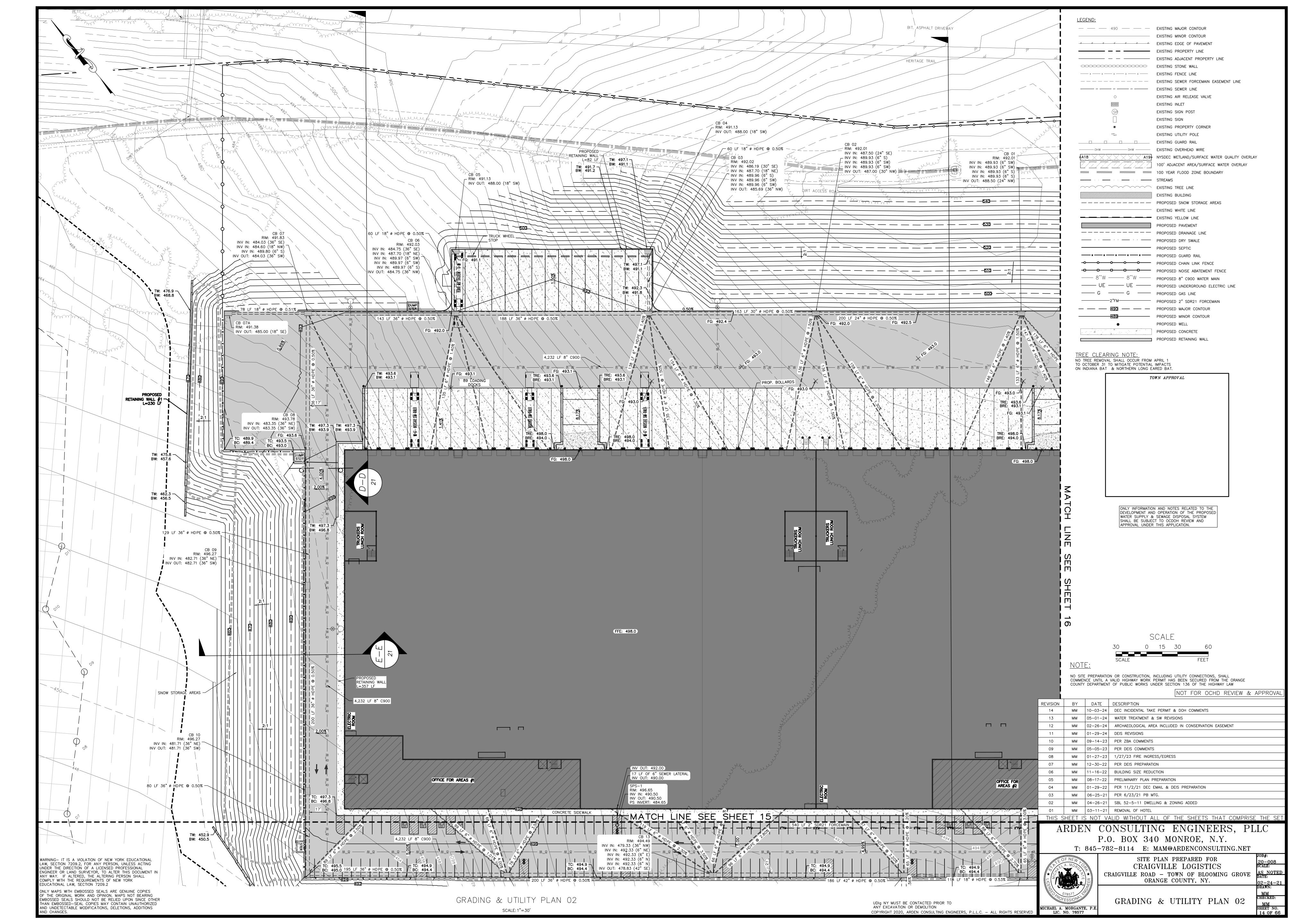


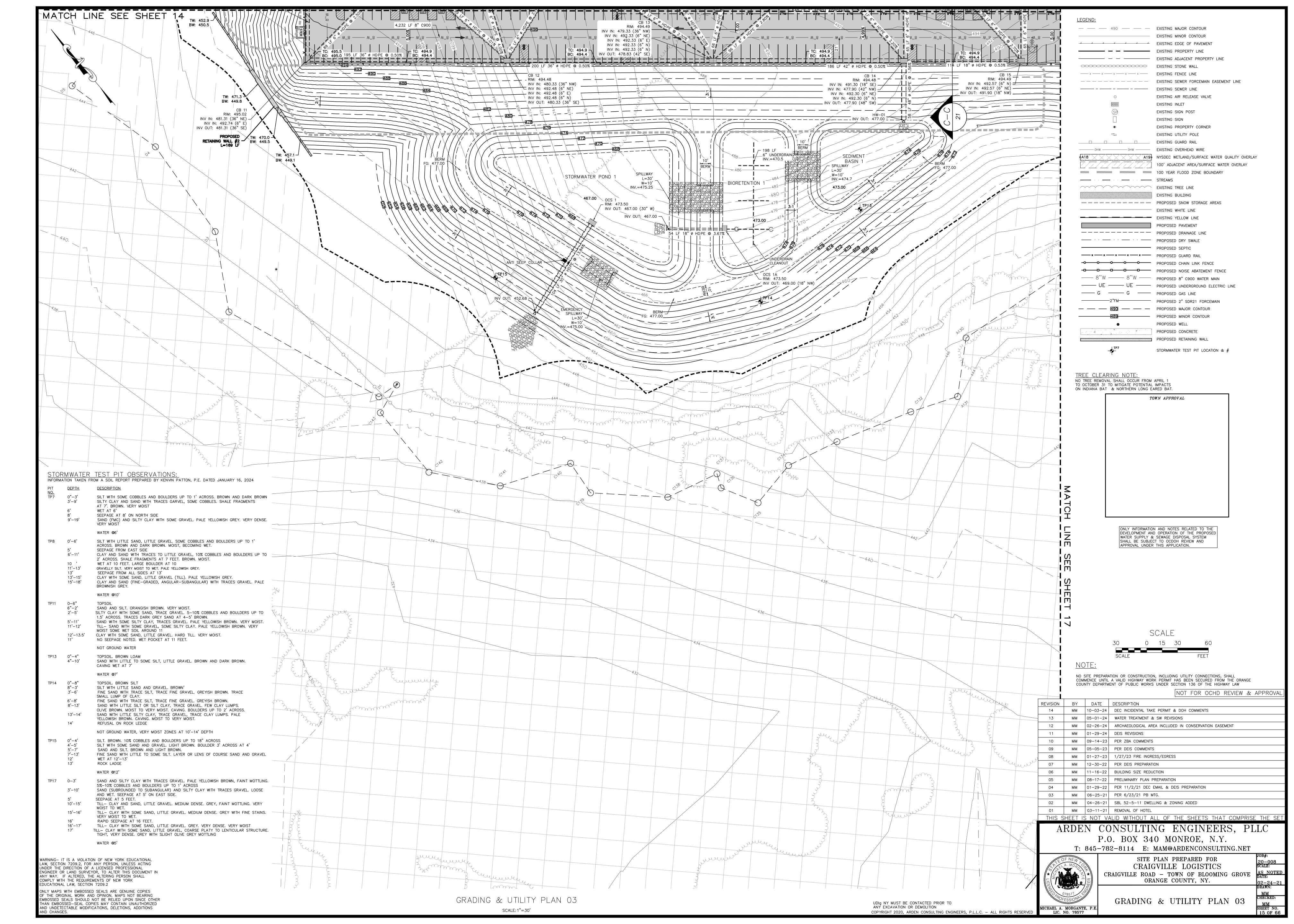


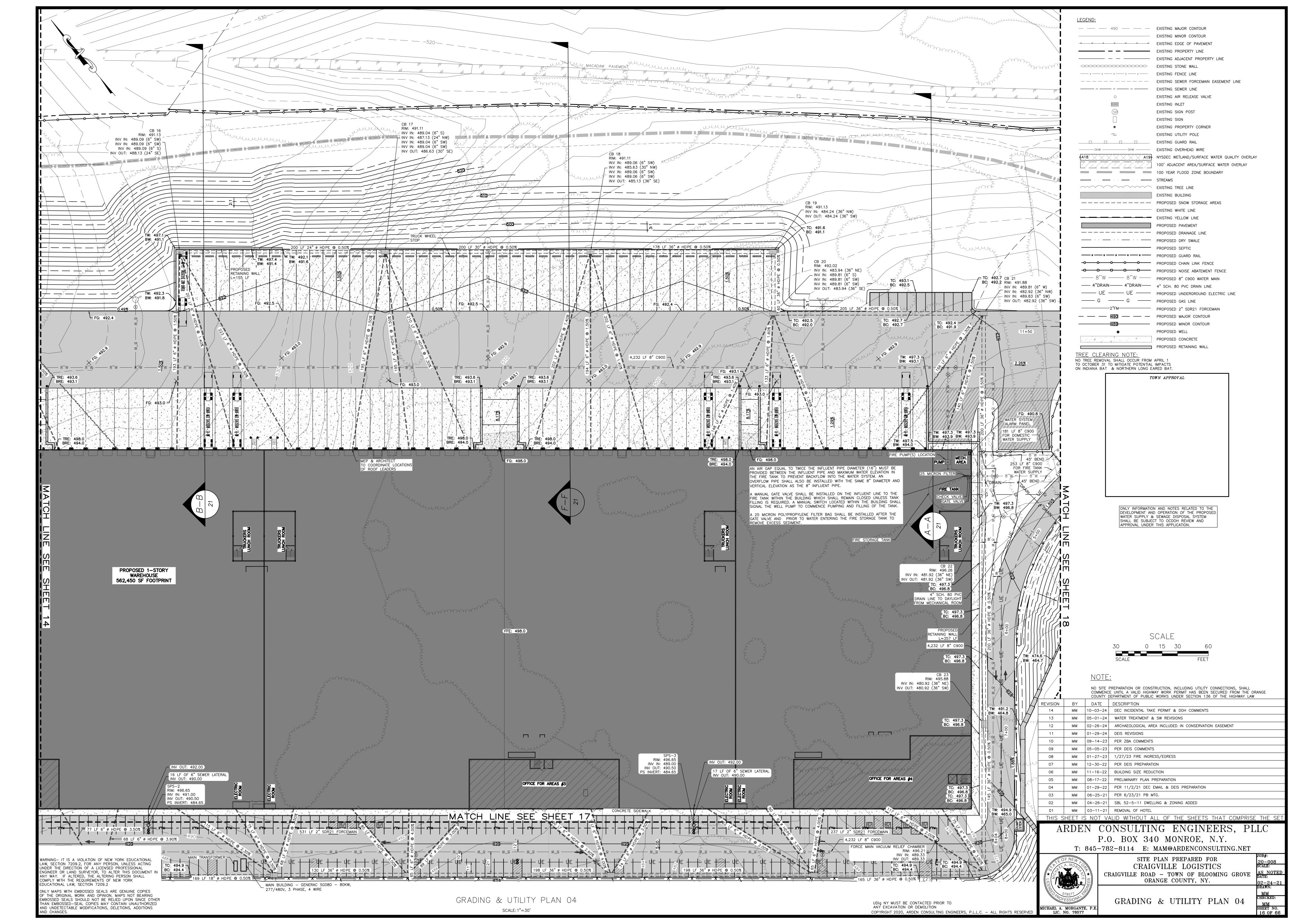


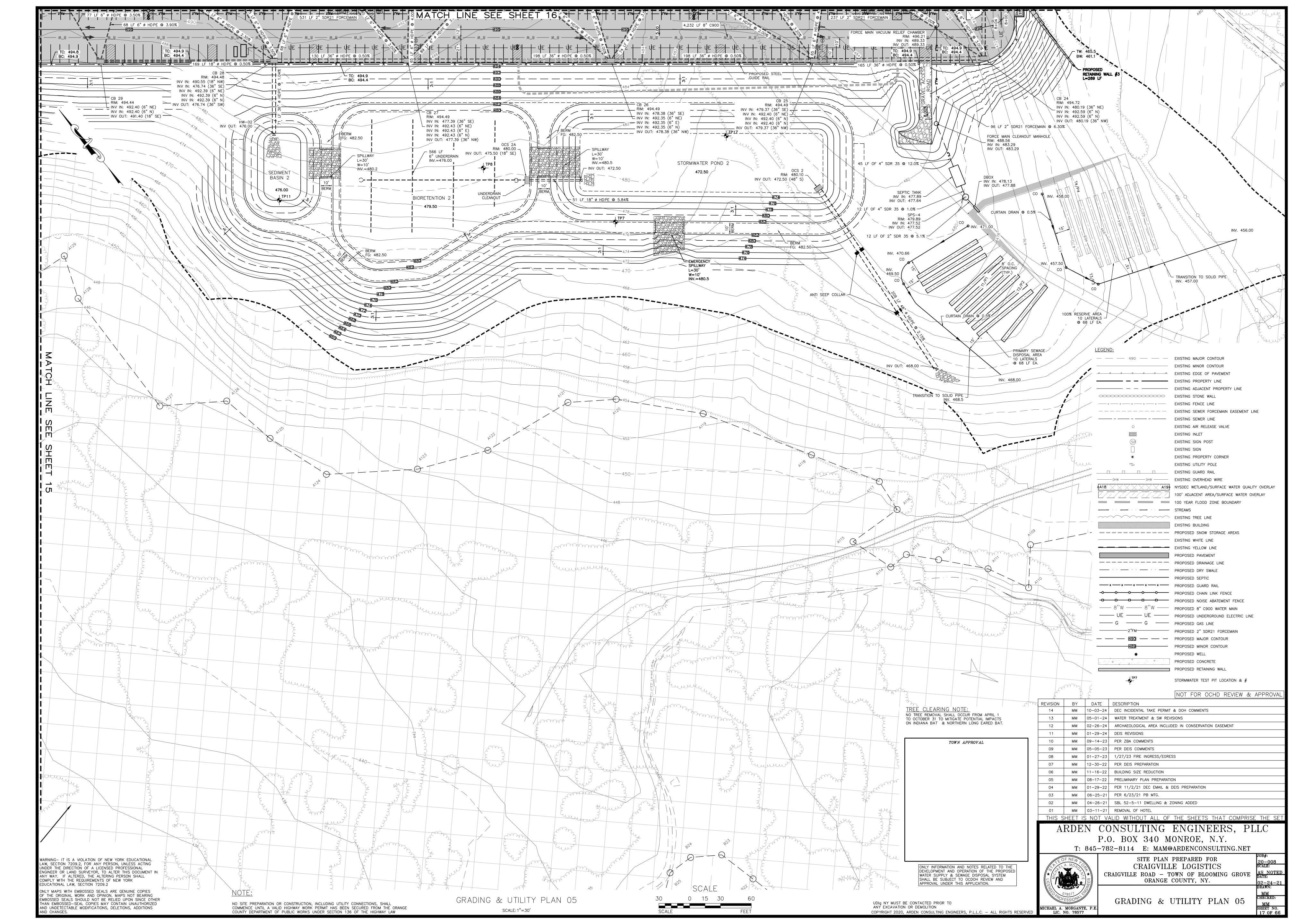


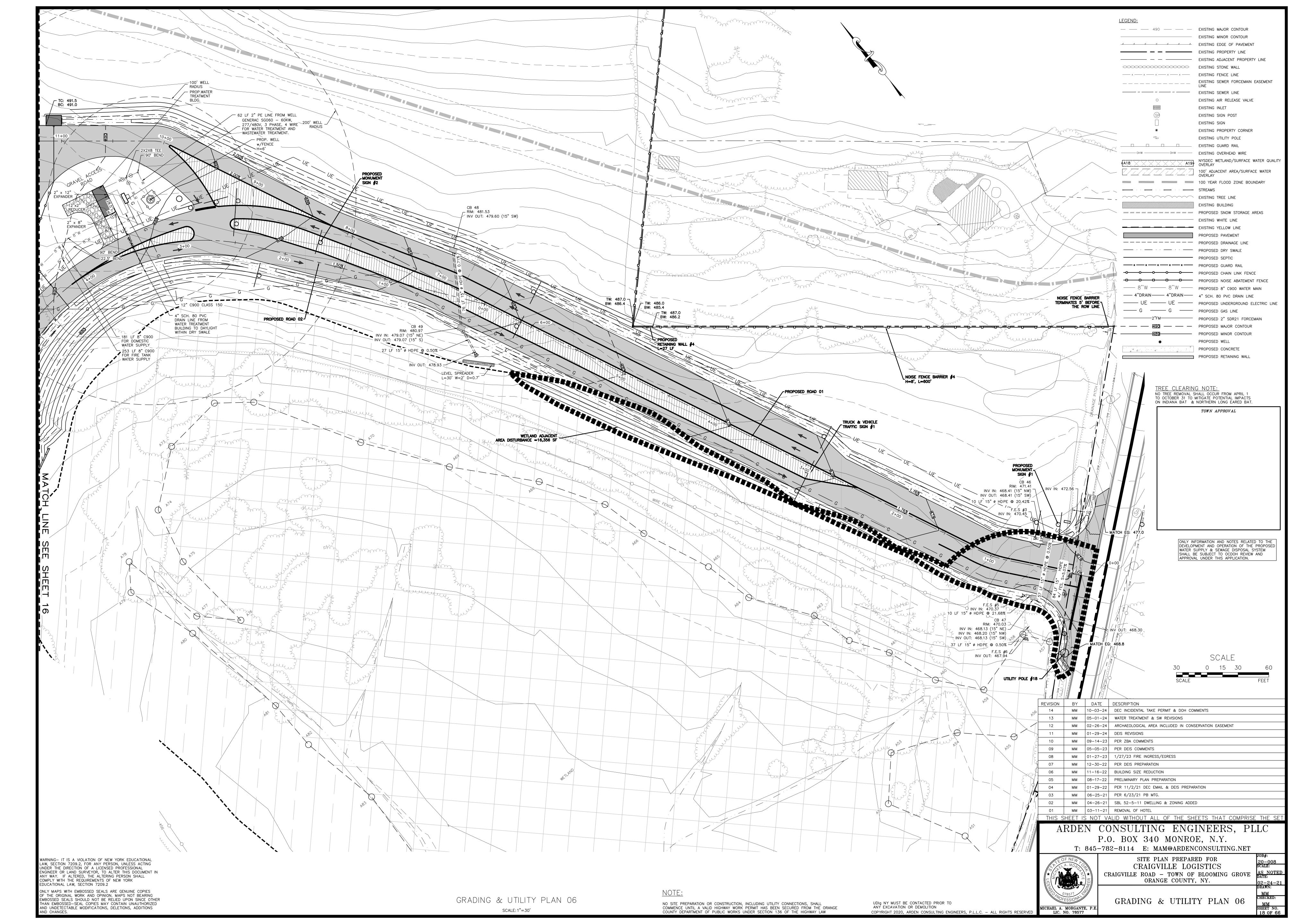


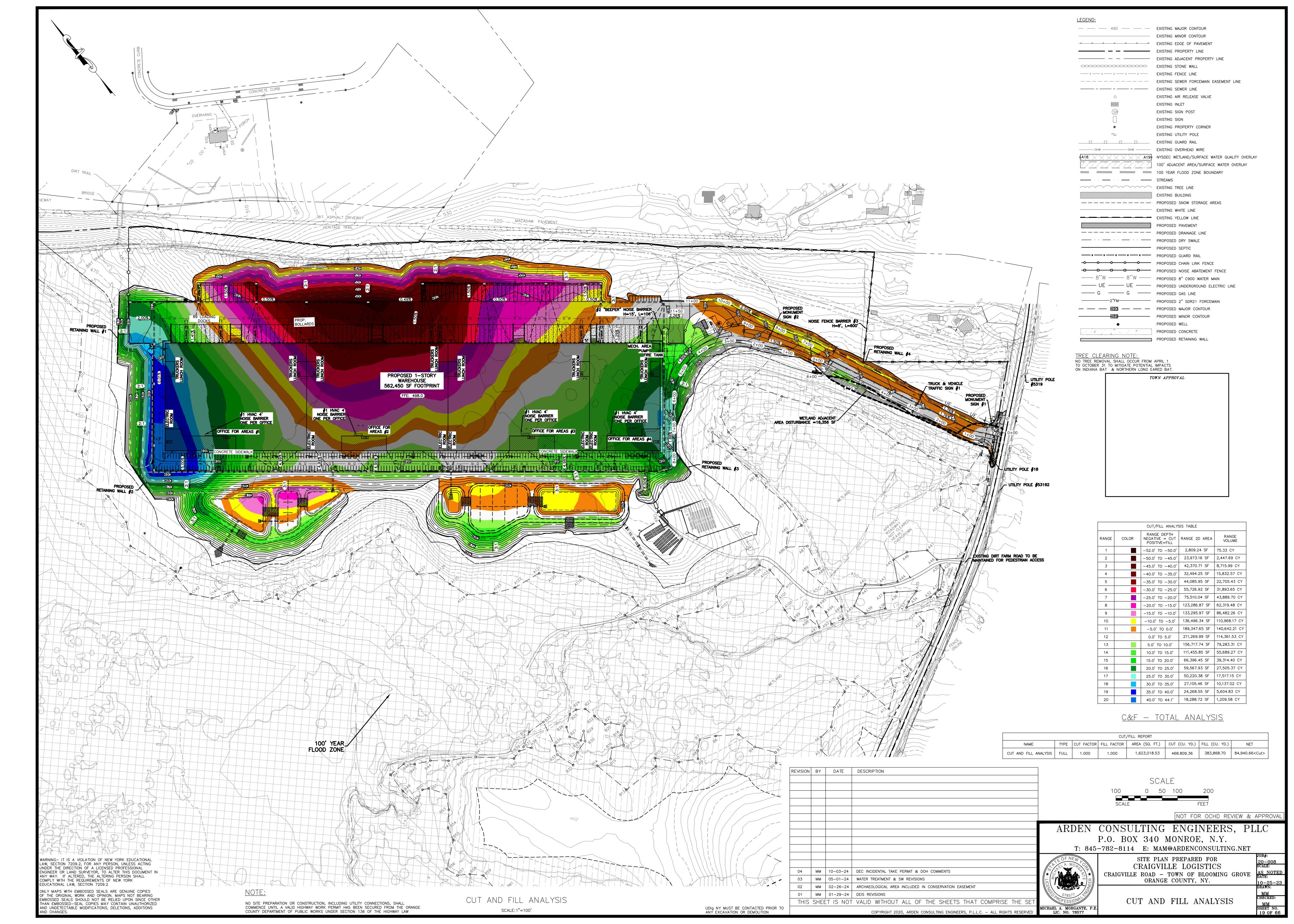


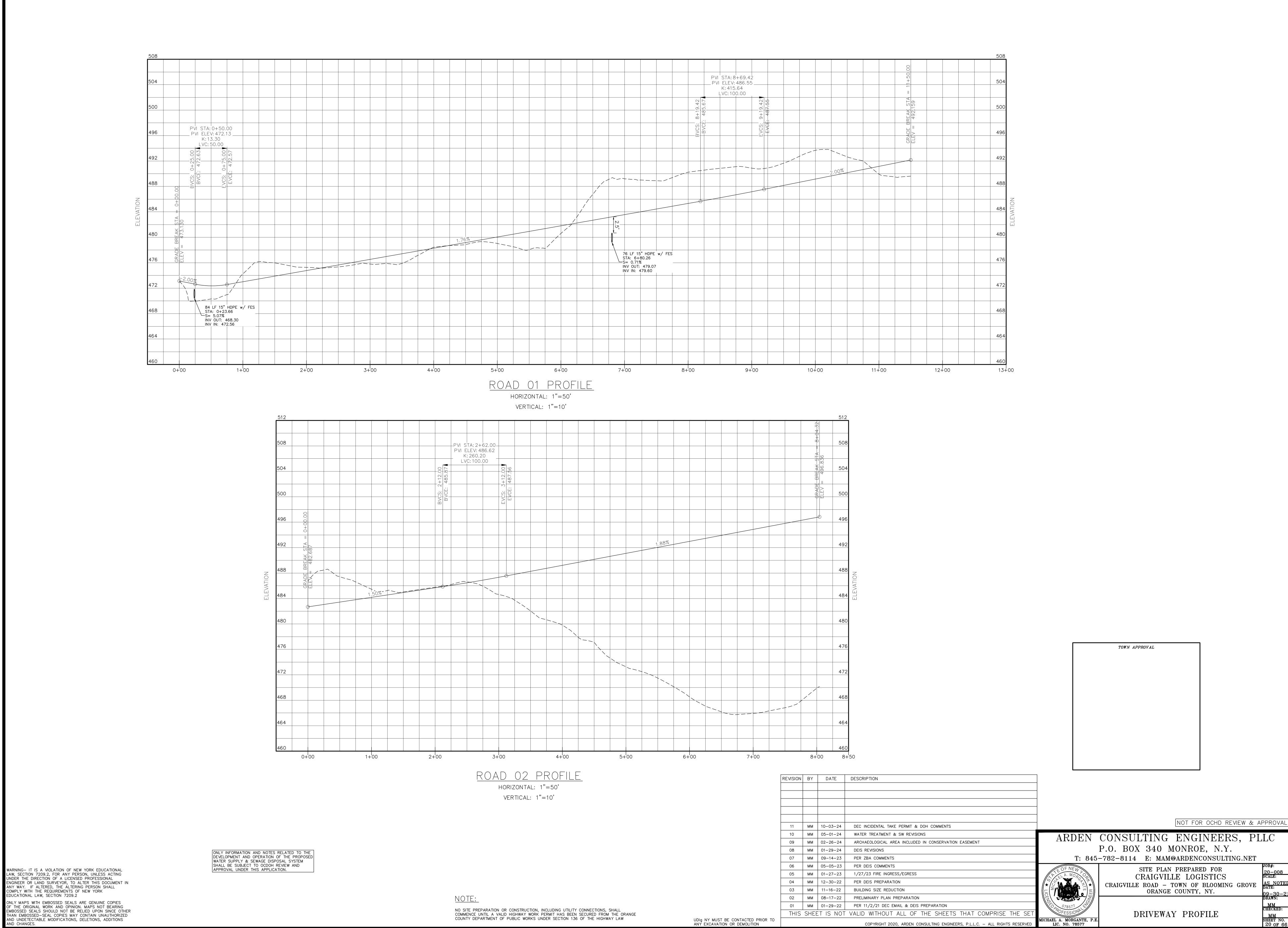












UDIG NY MUST BE CONTACTED PRIOR TO ANY EXCAVATION OR DEMOLITION

NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW

MICHAEL A. MORGANTE, P.E. LIC. NO. 78577

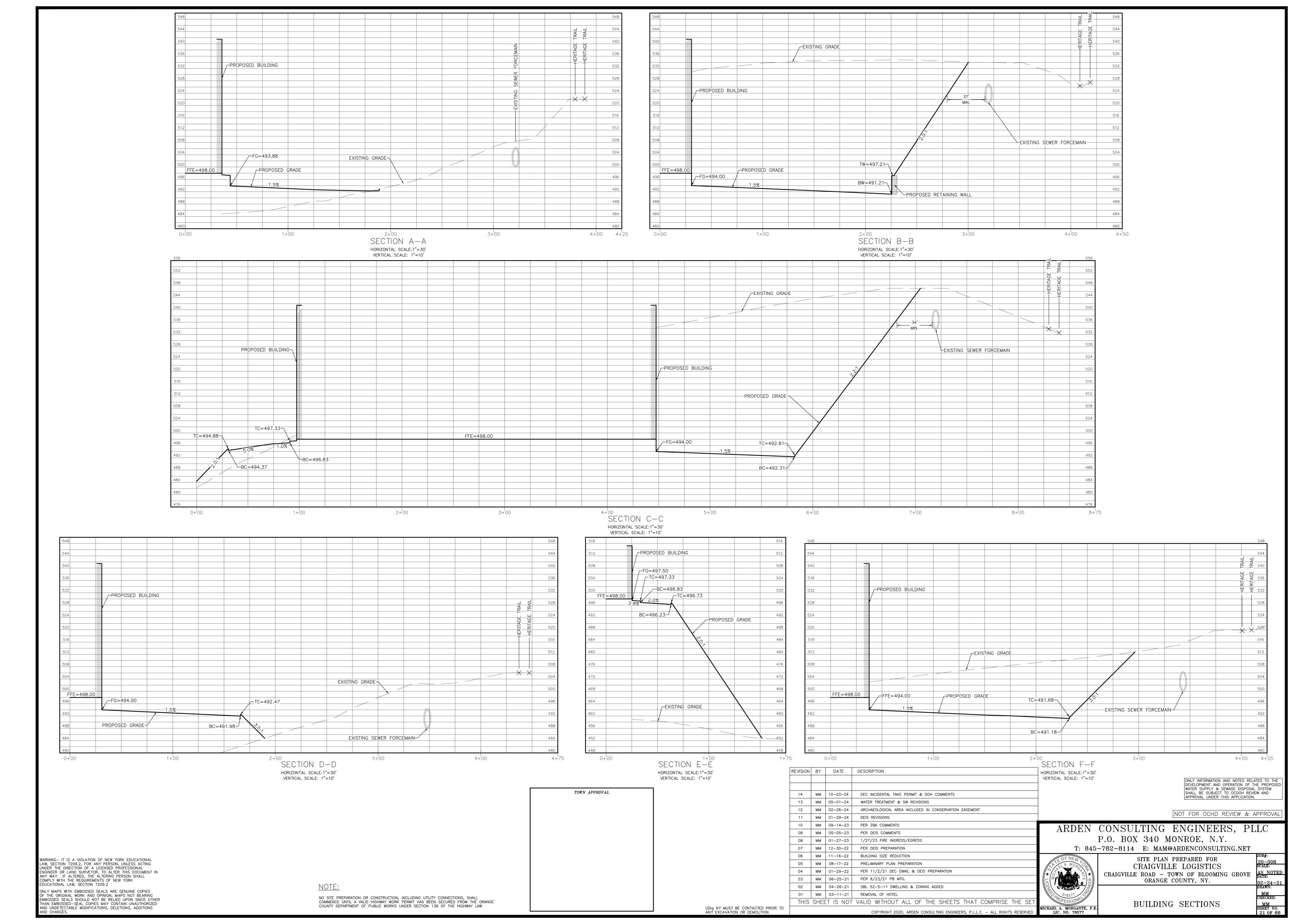
THIS SHEET IS NOT VALID WITHOUT ALL OF THE SHEETS THAT COMPRISE THE SE

COPYRIGHT 2020, ARDEN CONSULTING ENGINEERS, P.L.L.C. — ALL RIGHTS RESERVED

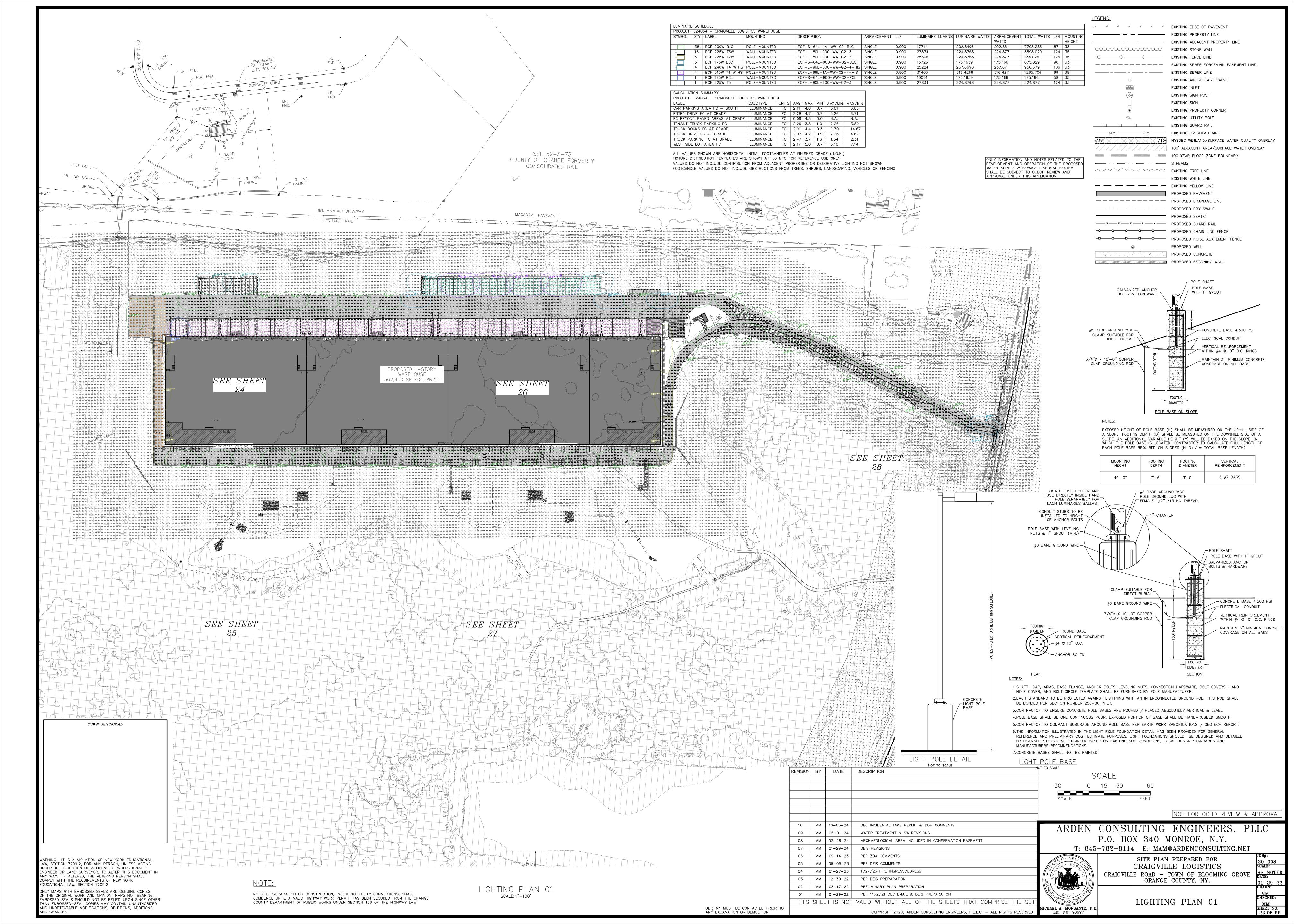
DRIVEWAY PROFILE

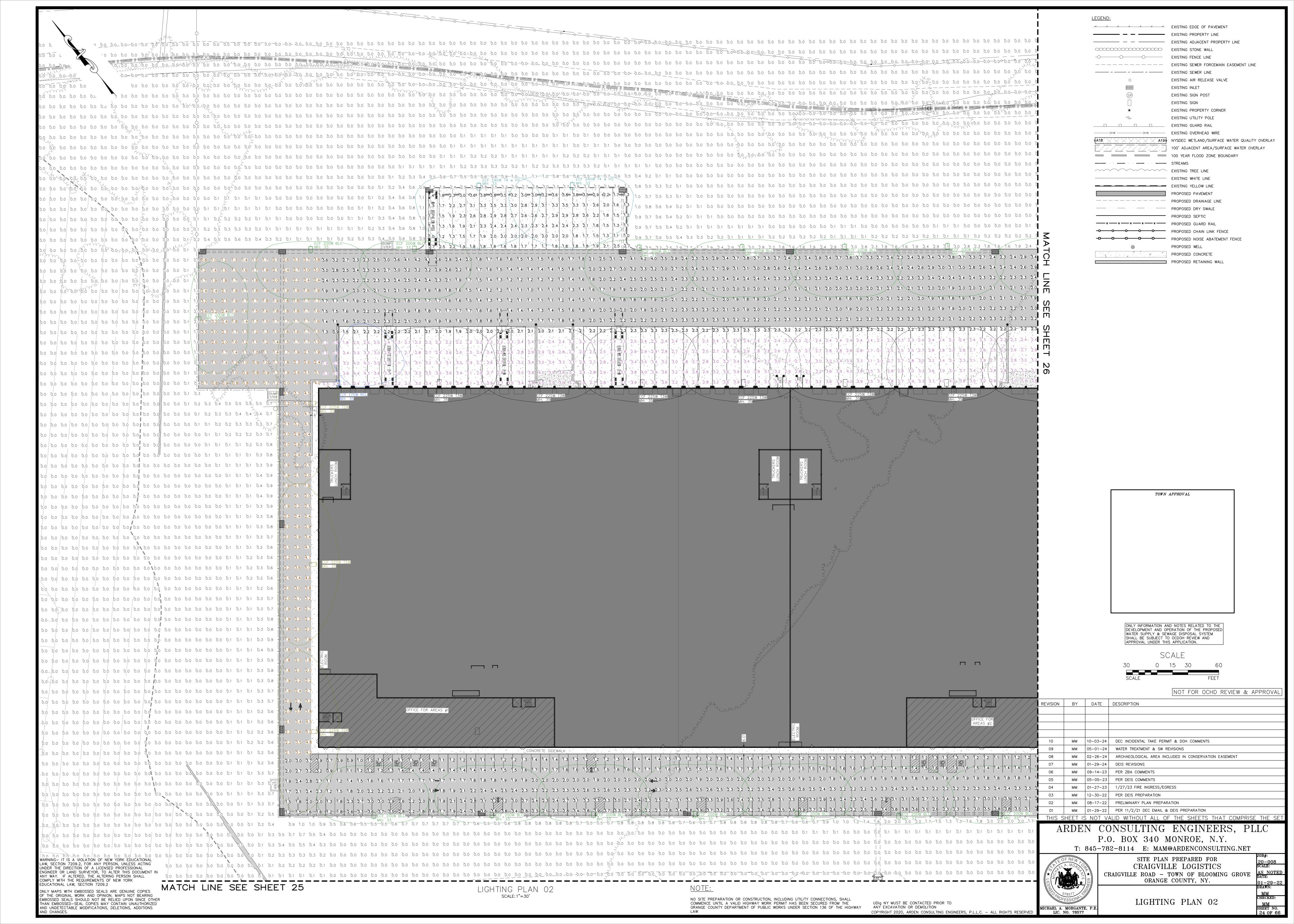
MM
CHECKED:

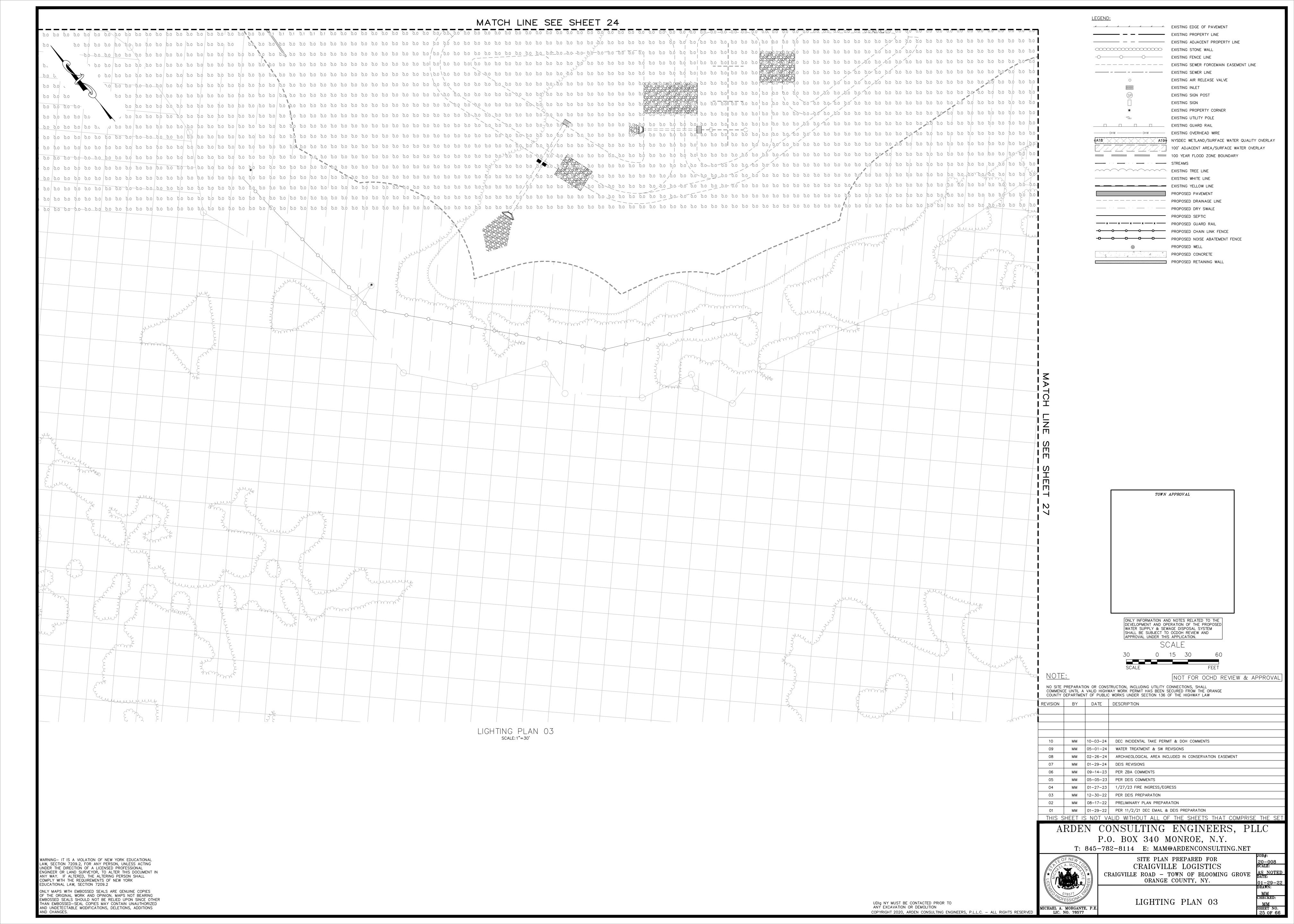
MM
SHEET NO.
20 OF 66

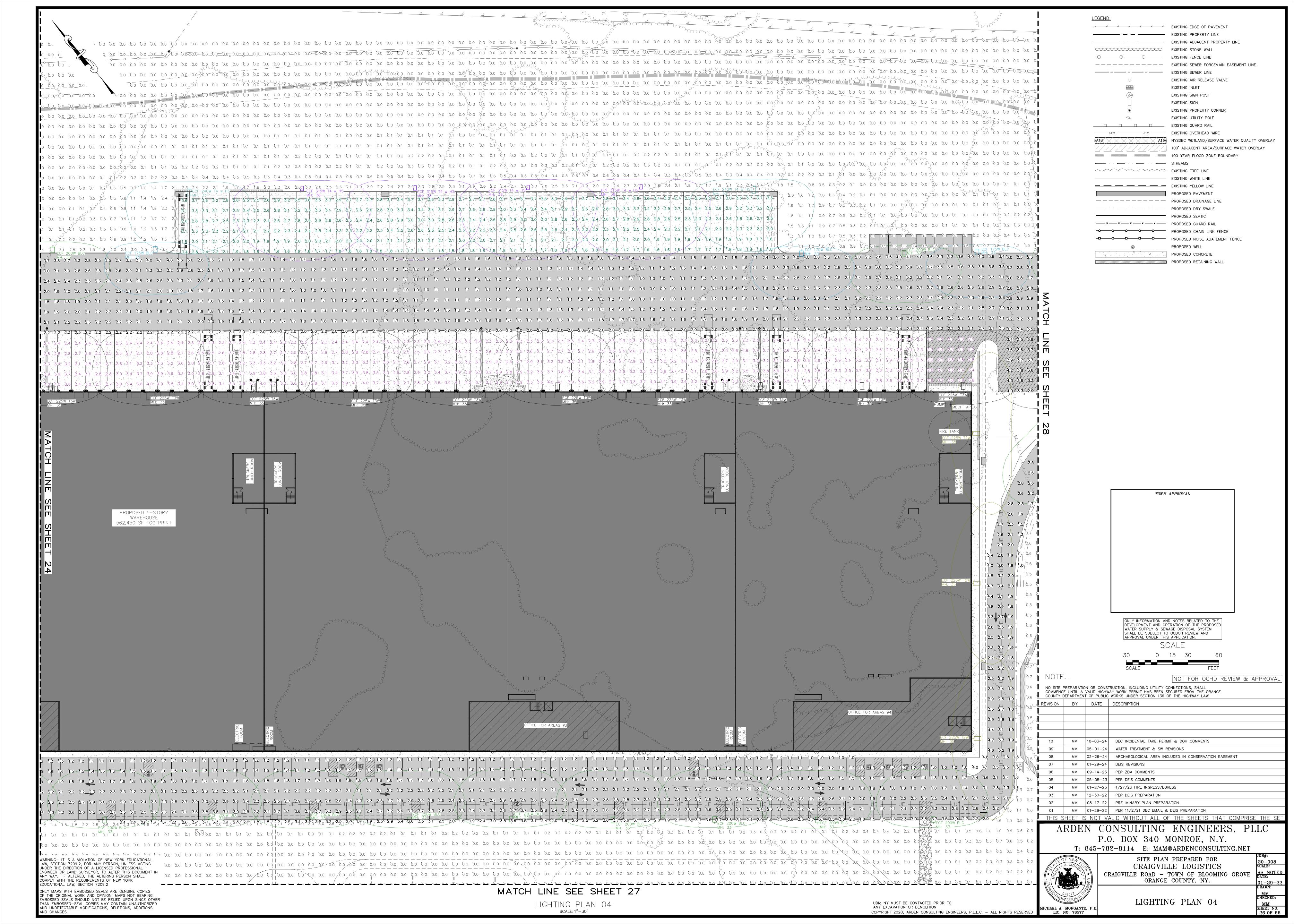


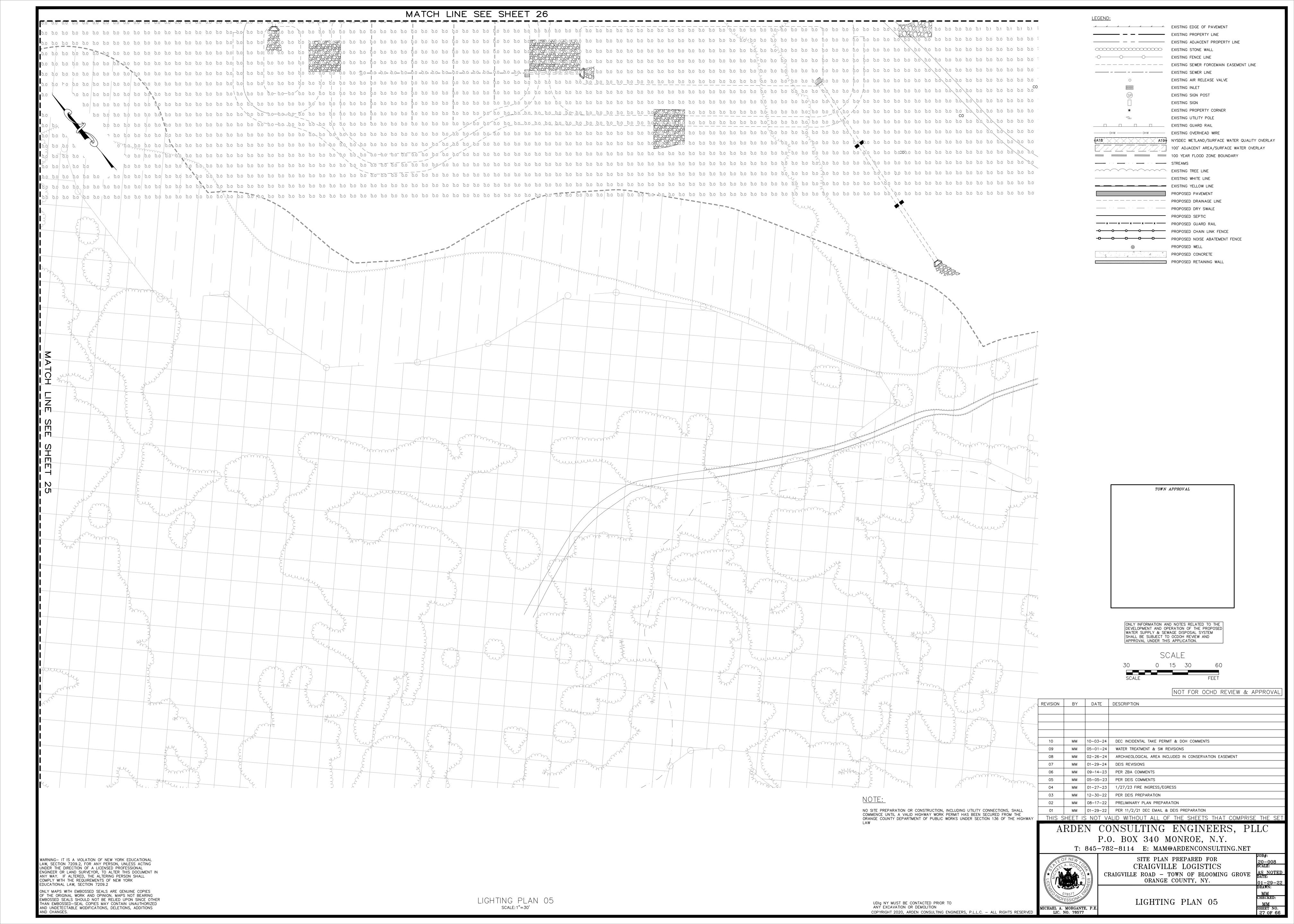


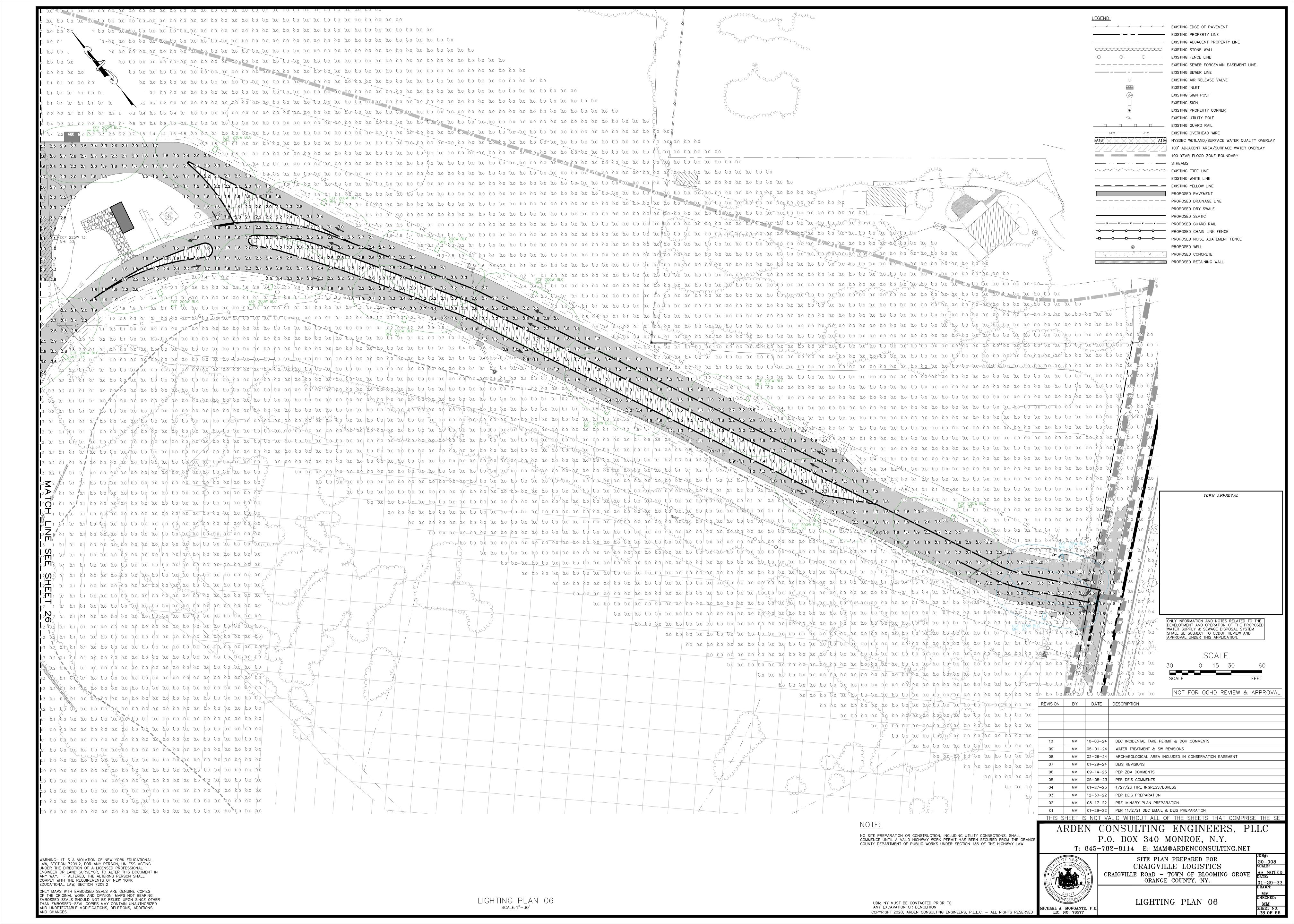


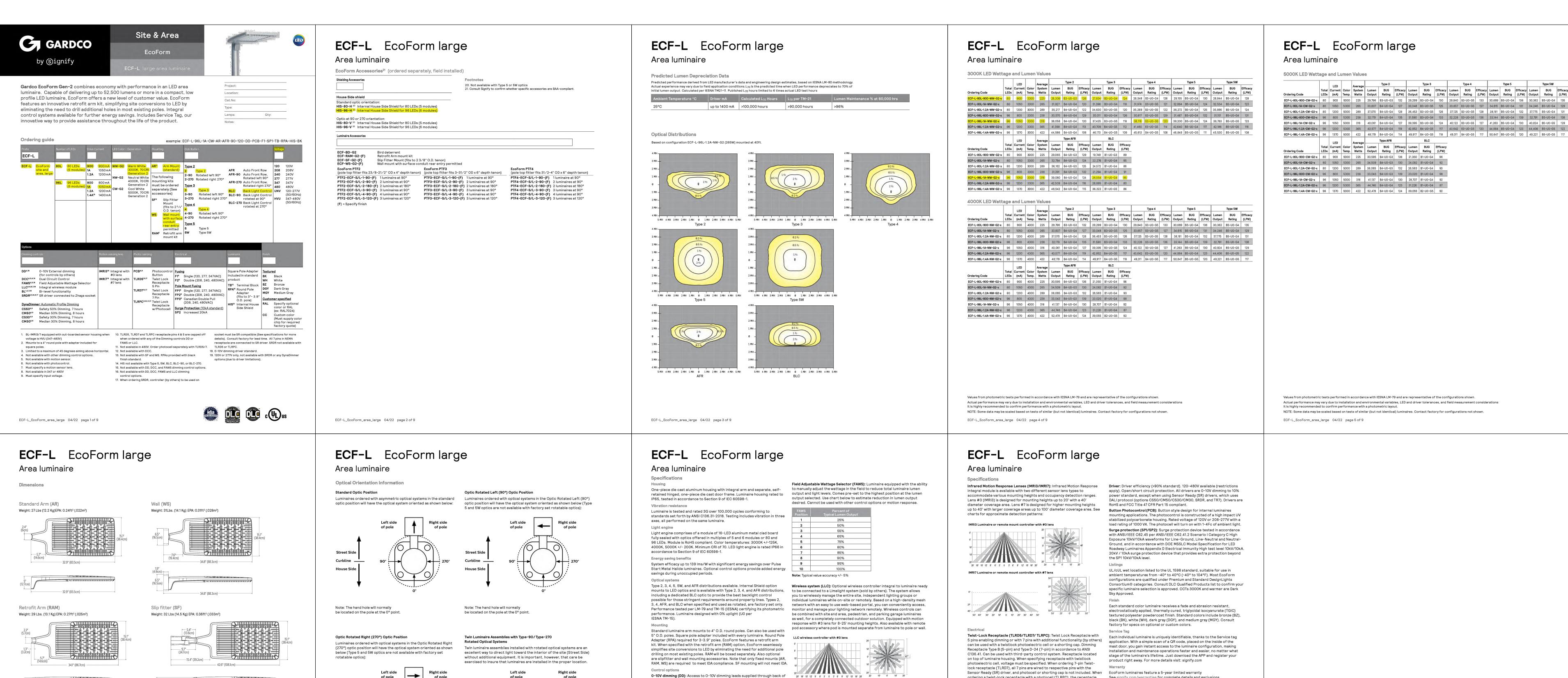












luminaire (for secondary dimming controls by others). Cannot be used with

Dual Circuit Control (DCC): Luminaire equipped with the ability to have two

separate switching of separate modules controlled by use of two sets of

Sensor Ready Zhaga Socket Connector (SRDR): Product equipped with

designed for sensor and other control system applications. Receptacle is

rated IP66 assembly in a compact design that provides a sealed electrical

interface and rated UV resistance, mounted on underside of the luminaire,

protective dust cap included. When a controller not provided by Signify is

certified to work with the Xitanium SR LED drivers as part of the SR certified

program. SRDR can be used with NEMA 7-pin twist lock receptacle, which is

dim to 30% or 50% of the total lumen output. When used in combination with

when motion is detected. After 5 minutes with no motion, it will return to the automatic diming profile schedule. Automatic dimming profile scheduled with

CS50/CS30: Security for 7 hours night duration (Ex., 11 PM - 6 AM) CM50/CM30: Median for 8 hours night duration (Ex., 10 PM - 6 AM) All above profiles are calculated from mid point of the night. Dimming is set for 6 hours after the mid point and 1 or 2 hours before depending of the duration

of dimming. Cannot be used with other dimming control options.

ECF-L_EcoForm_area_large 04/22 page 8 of 9

used with Sensor Ready Zhaga socket connector, the controller must be

options, motion response, or photocells

mounted on top of the luminaire.

the following settings:

separate circuits controlling drivers and light engines independently. Permits

Bi-Level Infrared Motion Response (BL-IMRI): Motion Response module is

leads, one for each circuit. Not recommended to be used with other control when not ordered with other control options. BL-IMRI is set/operates in the

Sensor Ready drivers connected to 4-pin Zhaga Book 18 compliant receptacle prior to dimming back to low. When no motion is detected for 5 minutes, the

Automatic Profile Dimming (CS/CM/CE/CA): Standard dimming profiles provide dimming profile and sensor detection. In this configuration, the motion

flexibility towards energy savings goals while optimizing light levels during response device cannot be re-programmed with FSIR-100 Wireless Remote specific dark hours. Dimming profiles include two dimming settings including

Programming Tool. The profile can only be re-programmed via the controller.

mounted integral to luminaire factory pre-programmed to 50% dimming

following fashion: The motion sensor is set to a constant 50%. When motion is

detected by the PIR sensor, the luminaire returns to full power/light output

motion response system reduces the wattage by 50%, to 50% of the normal

provided if different dimming levels are required. This can also be done with

constant wattage reducing the light level. Other dimming settings can be

FSIR-100 Wireless Remote Programming Tool (contact Technical Support

Infrared Motion Response with Other Controls: When used in combination

with other controls (Automatic Dimming Profile), motion response device will

simply override controller's schedule with the added benefits of a combined

Dimming on low is factory set to 50% with 5 minutes default in "full power"

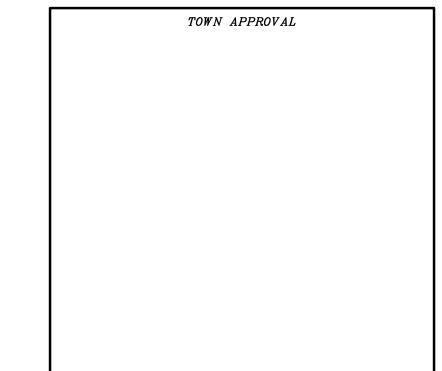
ordering a twist-lock receptacle with a photocell (TLRPC), the receptacle used is a 5-pin receptacle, so pins 6 and 7 are not available (no SR driver). 0-10V dimming leads (pins 4 and 5) are connected if not ordered with any

See signify.com/warranties for complete details and exclusions.

Buy American Act of 1933 (BAA):

other dimming option.

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA. This BAA designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Prior to ordering, please visit www.signify.com/baa to view a current list of BAA-compliant products to confirm this product's current compliance.



NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE

COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW

EVISION	BY	DATE	DESCRIPTION	
11	ММ	10-03-24	DEC INCIDENTAL TAKE PERMIT & DOH COMMENTS	1
10	ММ	05-01-24	WATER TREATMENT & SW REVISIONS	
09	ММ	02-26-24	ARCHAEOLOGICAL AREA INCLUDED IN CONSERVATION EASEMENT	
08	ММ	01-29-24	DEIS REVISIONS	
07	ММ	09-14-23	PER ZBA COMMENTS	
06	ММ	05-05-23	PER DEIS COMMENTS	
05	ММ	01-27-23	1/27/23 FIRE INGRESS/EGRESS	
04	ММ	12-30-22	PER DEIS PREPARATION	
03	ММ	11-16-22	BUILDING SIZE REDUCTION	({ i
02	ММ	08-17-22	PRELIMINARY PLAN PREPARATION	
01	ММ	01-29-22	PER 11/2/21 DEC EMAIL & DEIS PREPARATION	'
THIS	SHEE	T IS NOT	VALID WITHOUT ALL OF THE SHEETS THAT COMPRISE THE SET	

ONLY INFORMATION AND NOTES RELATED TO THE DEVELOPMENT AND OPERATION OF THE PROPOSED WATER SUPPLY & SEWAGE DISPOSAL SYSTEM SHALL BE SUBJECT TO OCDOH REVIEW AND APPROVAL UNDER THIS APPLICATION.

NOT FOR OCHD REVIEW & APPROVAL

MM CHECKED:

ARDEN CONSULTING ENGINEERS, PLLC P.O. BOX 340 MONROE, N.Y. T: 845-782-8114 E: MAM@ARDENCONSULTING.NET

SITE PLAN PREPARED FOR CRAIGVILLE LOGISTICS CRAIGVILLE ROAD - TOWN OF BLOOMING GROVE ORANGE COUNTY, NY.

ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2 ONLY MAPS WITH EMBOSSED SEALS ARE GENUINE COPIES OF THE ORIGINAL WORK AND OPINION. MAPS NOT BEARING EMBOSSED SEALS SHOULD NOT BE RELIED UPON SINCE OTHER THAN EMBOSSED-SEAL COPIES MAY CONTAIN UNAUTHORIZED ND UNDETECTABLE MODIFICATIONS, DELETIONS, ADDITIONS

WARNING- IT IS A VIOLATION OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS ACTING

UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN

ND CHANGES.

Outboard IMR-HVU sensor

ECF-L_EcoForm_area_large 04/22 page 6 of 9

Street Sid

House Sid

Note: The hand hole will normally

be located on the pole at the 0° point

ECF-L_EcoForm_area_large 04/22 page 7 of 9

Luminaires with Optic

installed on the LEFT

Side of Pole

on the drilling configuration ordered for the pole.

Note: The hand hole location will depend

Rotated Right (270°) are

Luminaires with Option

Rotated Left (90°) are

installed on the RIGHT Side

Retrofit Arm (RAM)

drill pattern

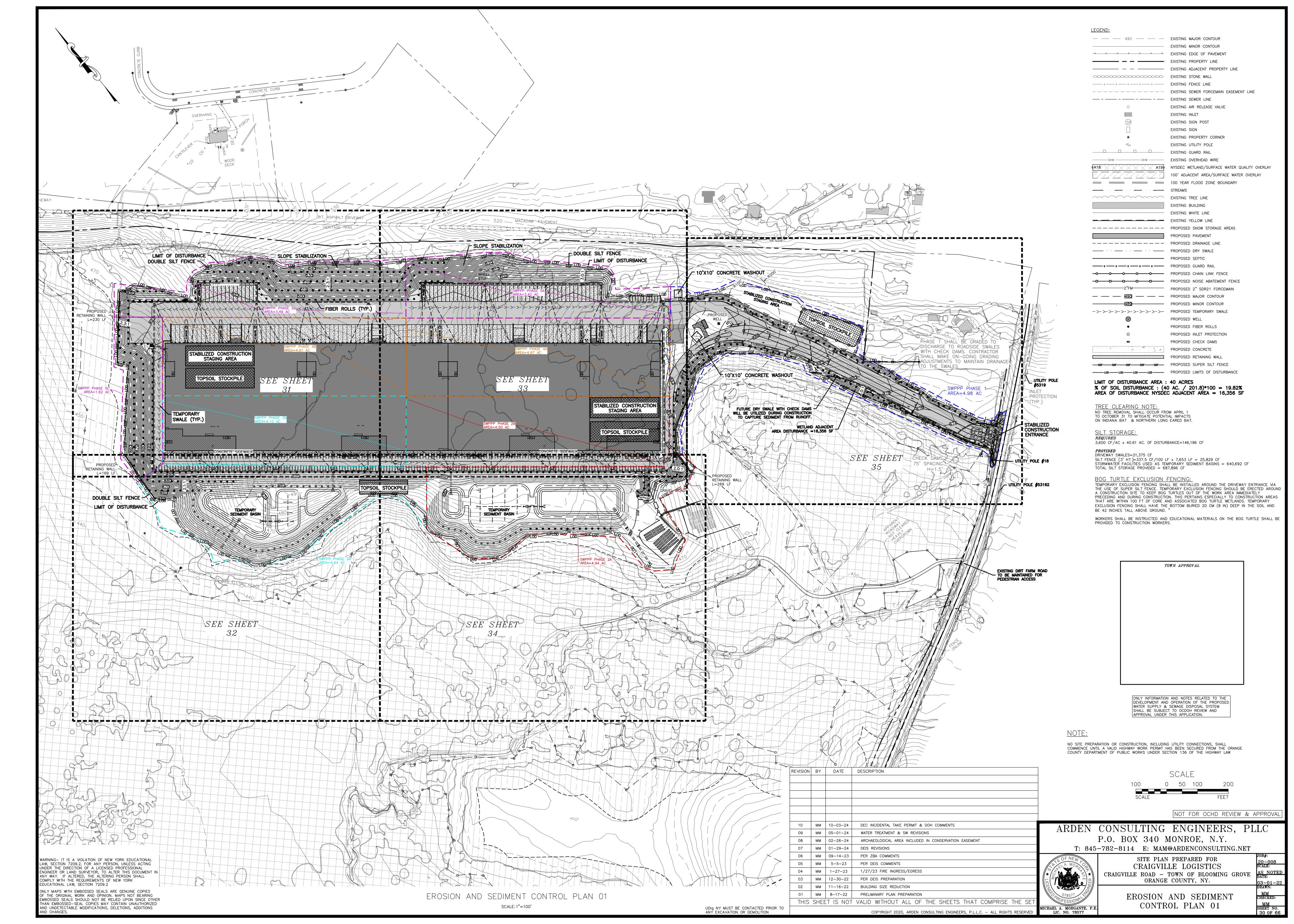
Standard Arm (AR)

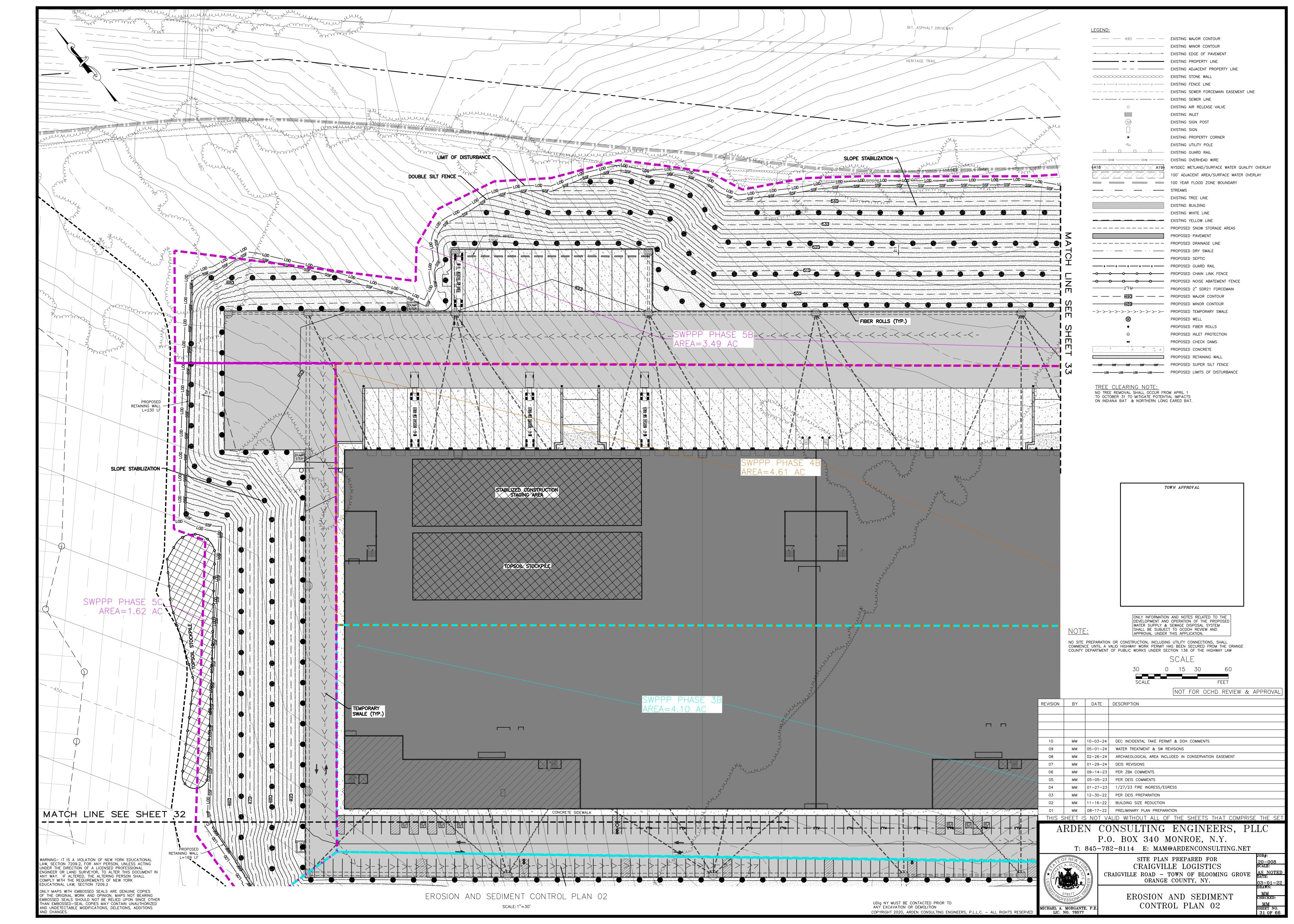
UDIG NY MUST BE CONTACTED PRIOR TO ANY EXCAVATION OR DEMOLITION

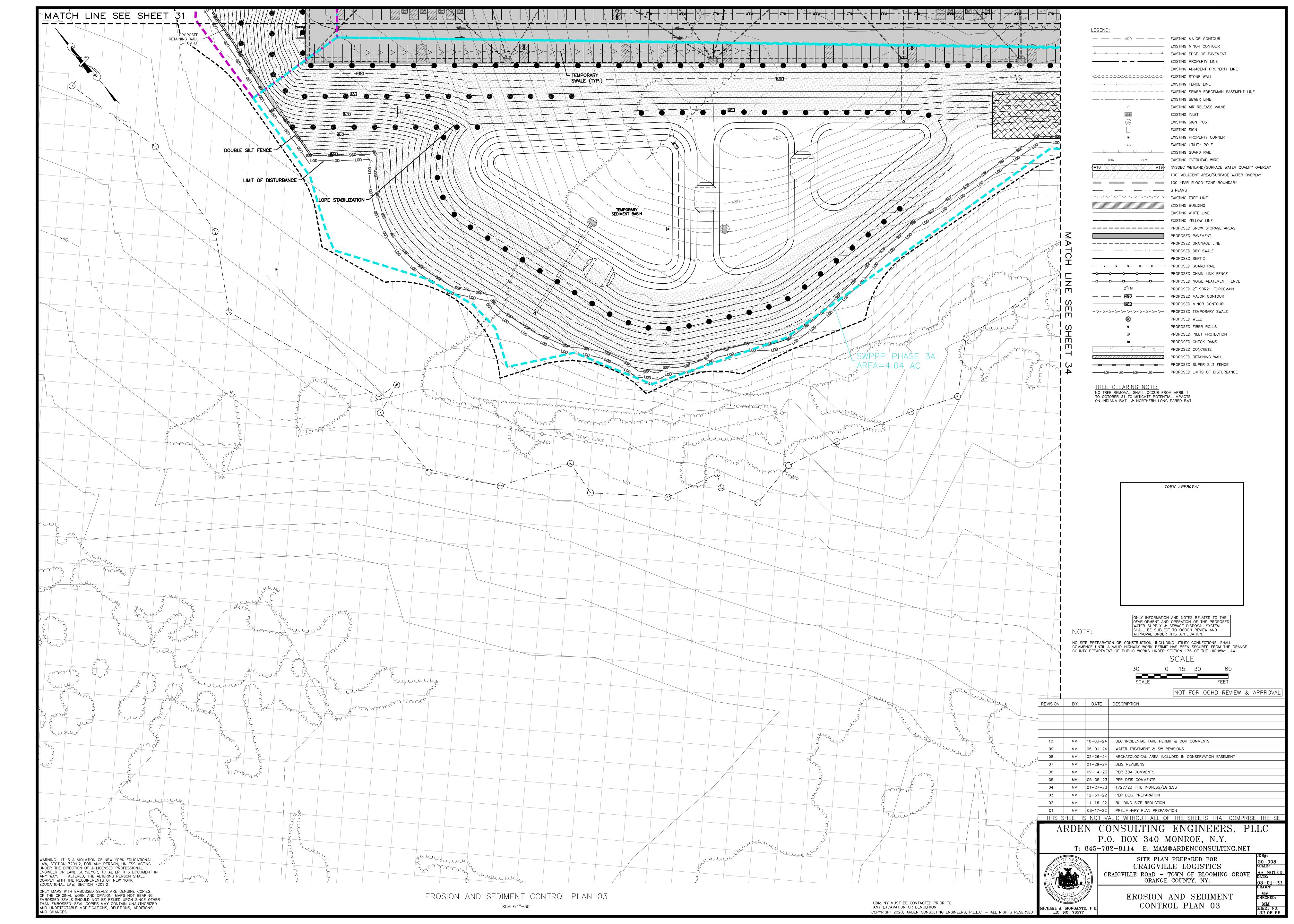
COPYRIGHT 2020, ARDEN CONSULTING ENGINEERS, P.L.L.C. — ALL RIGHTS RESERVED

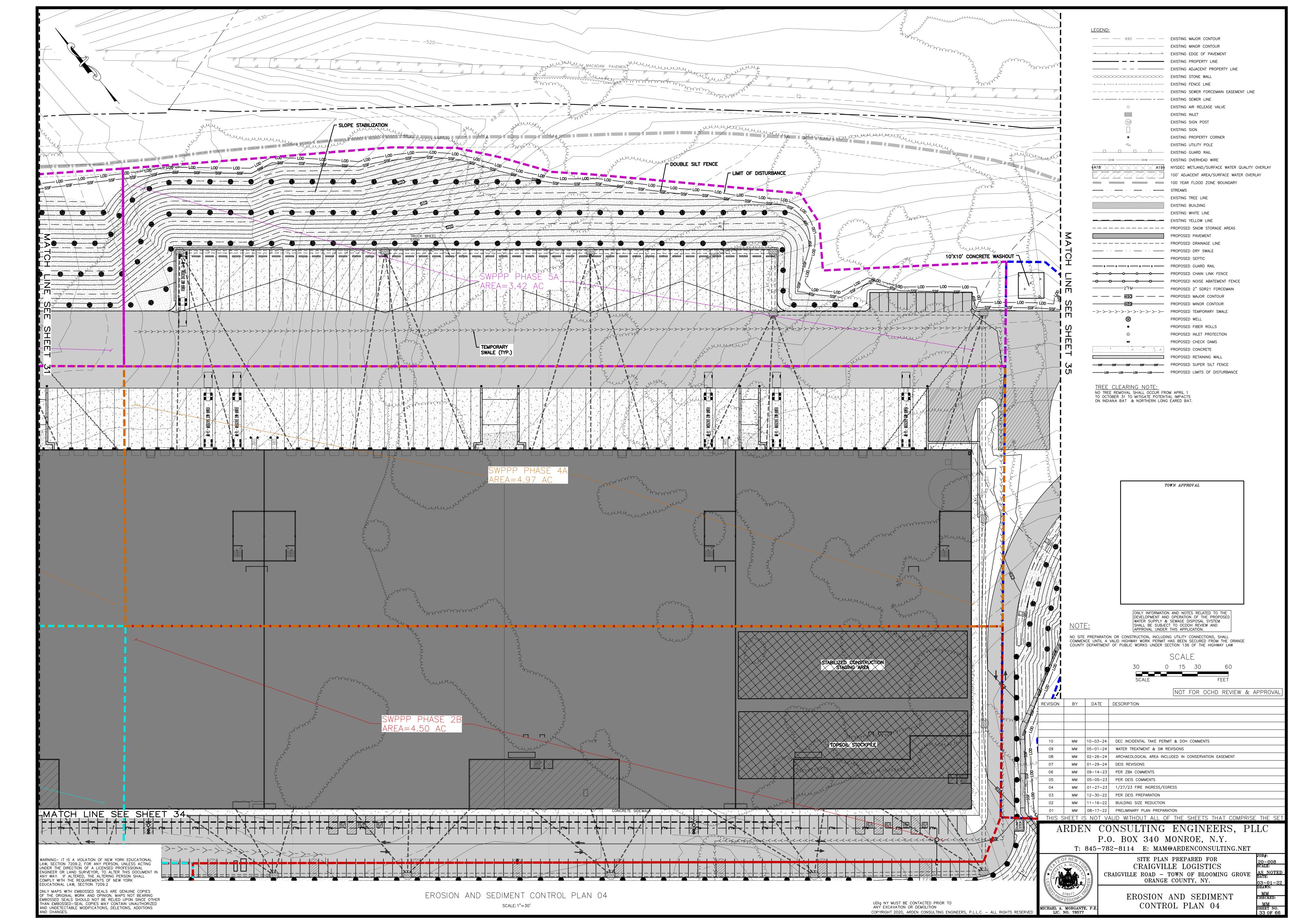
MORGANTE, P.1 LIC. NO. 78577

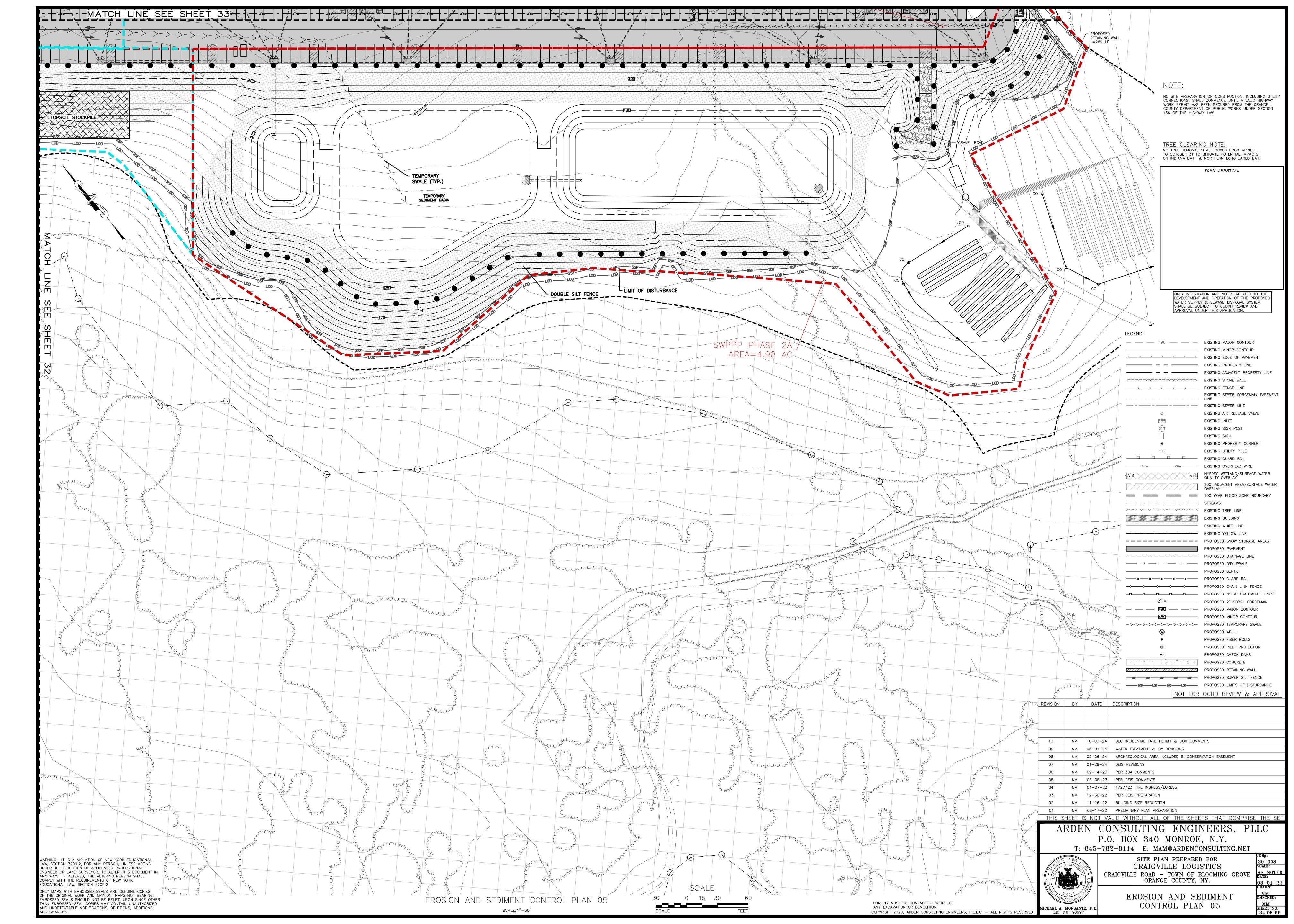
LIGHTING DETAILS

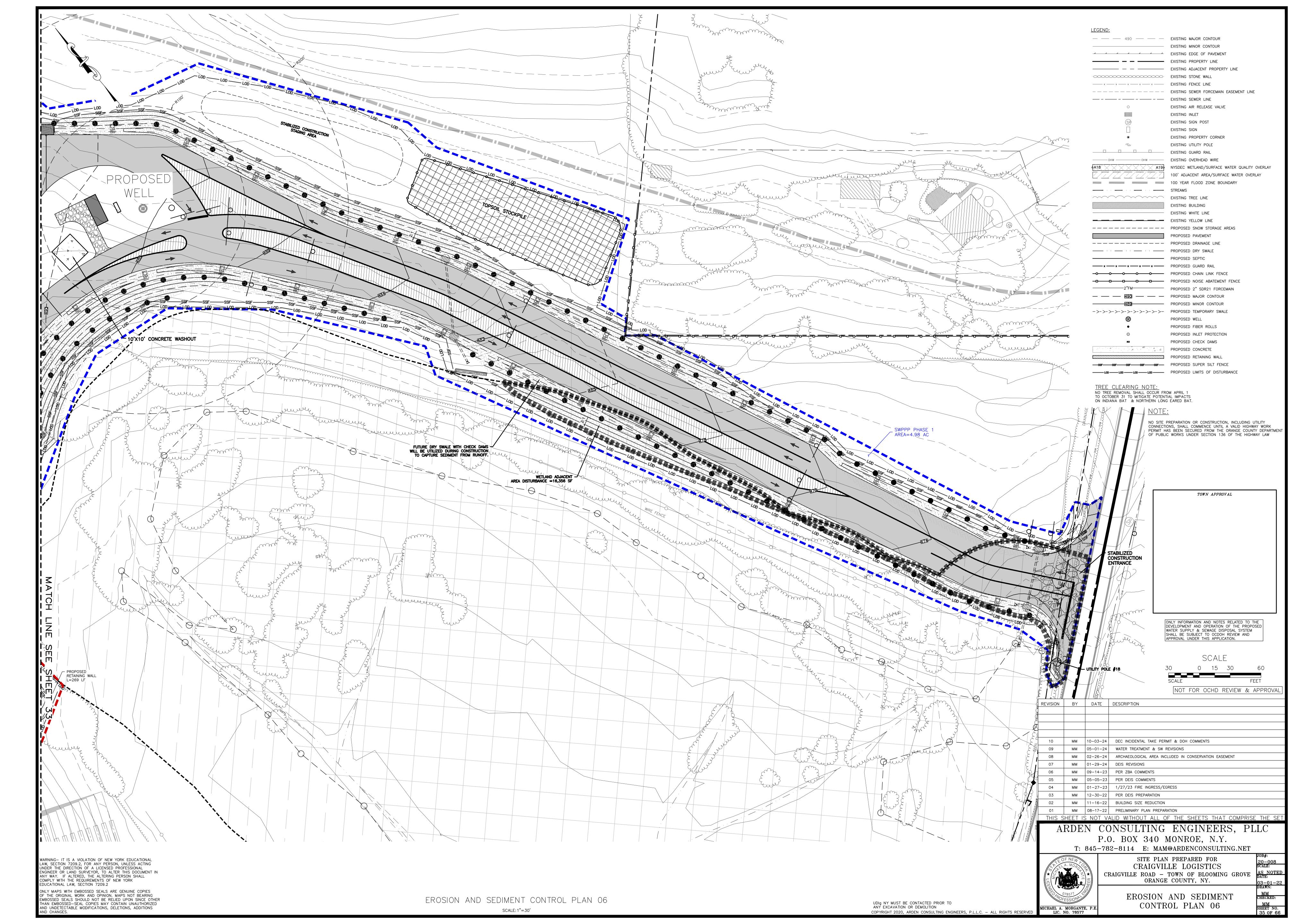


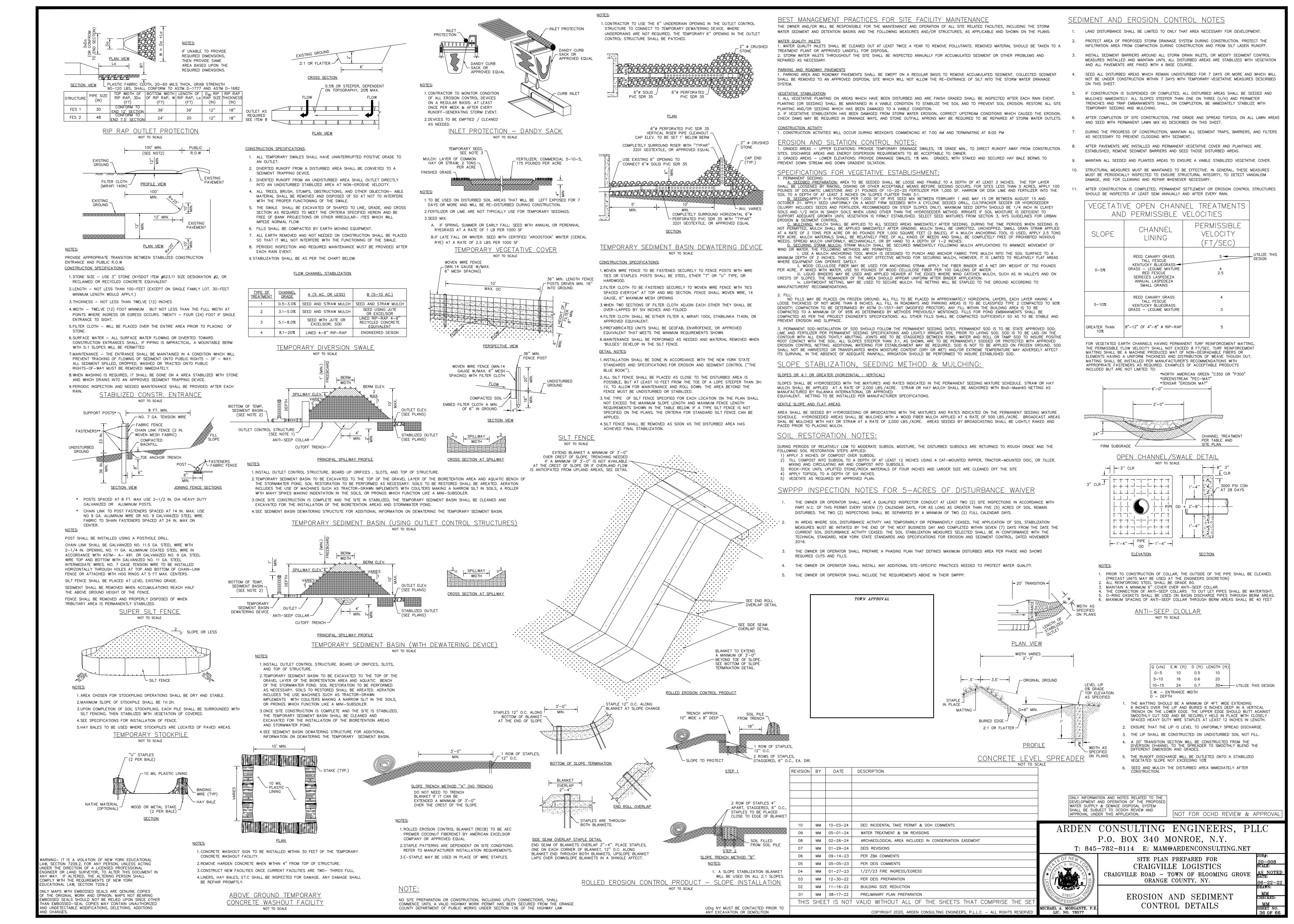


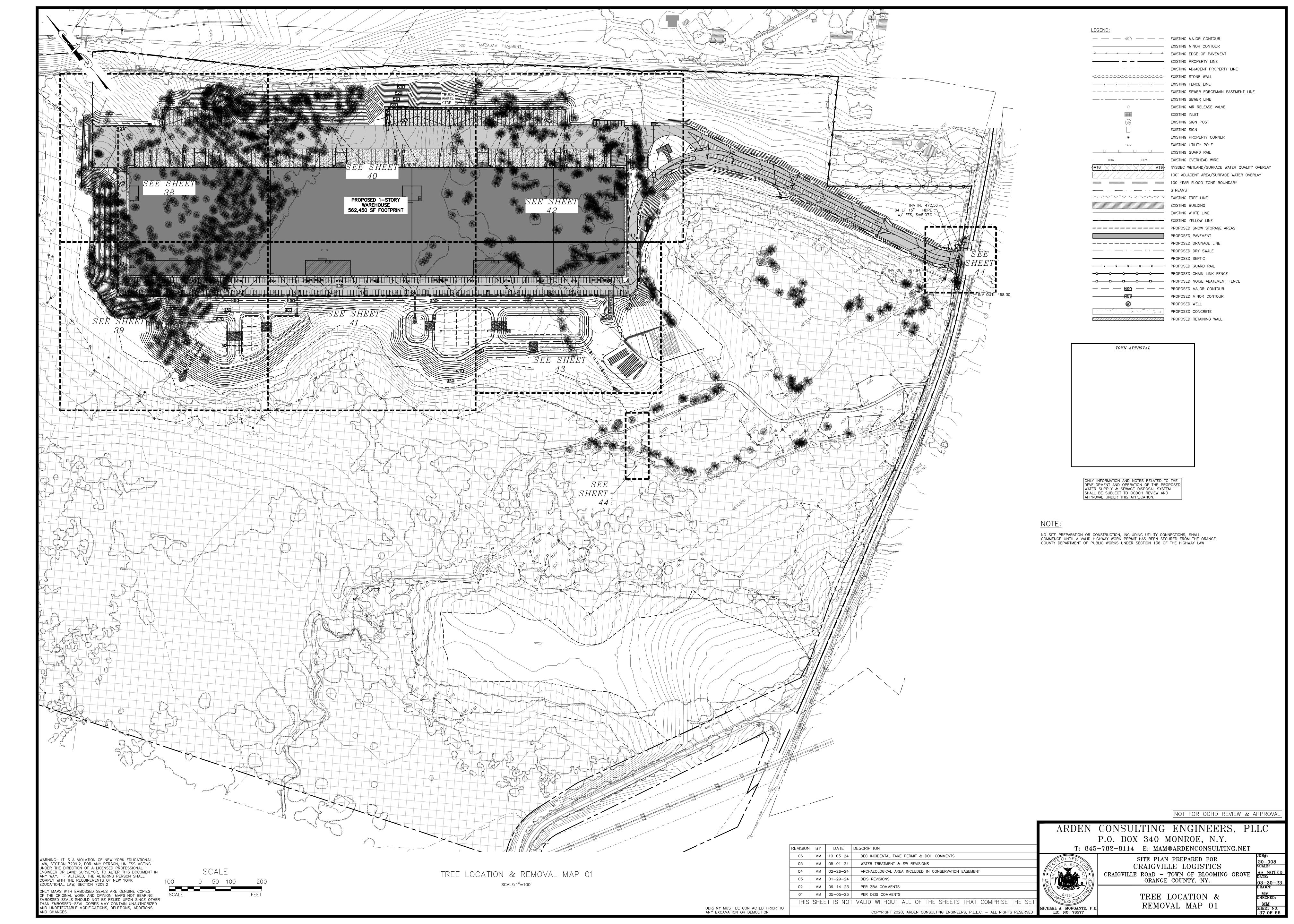


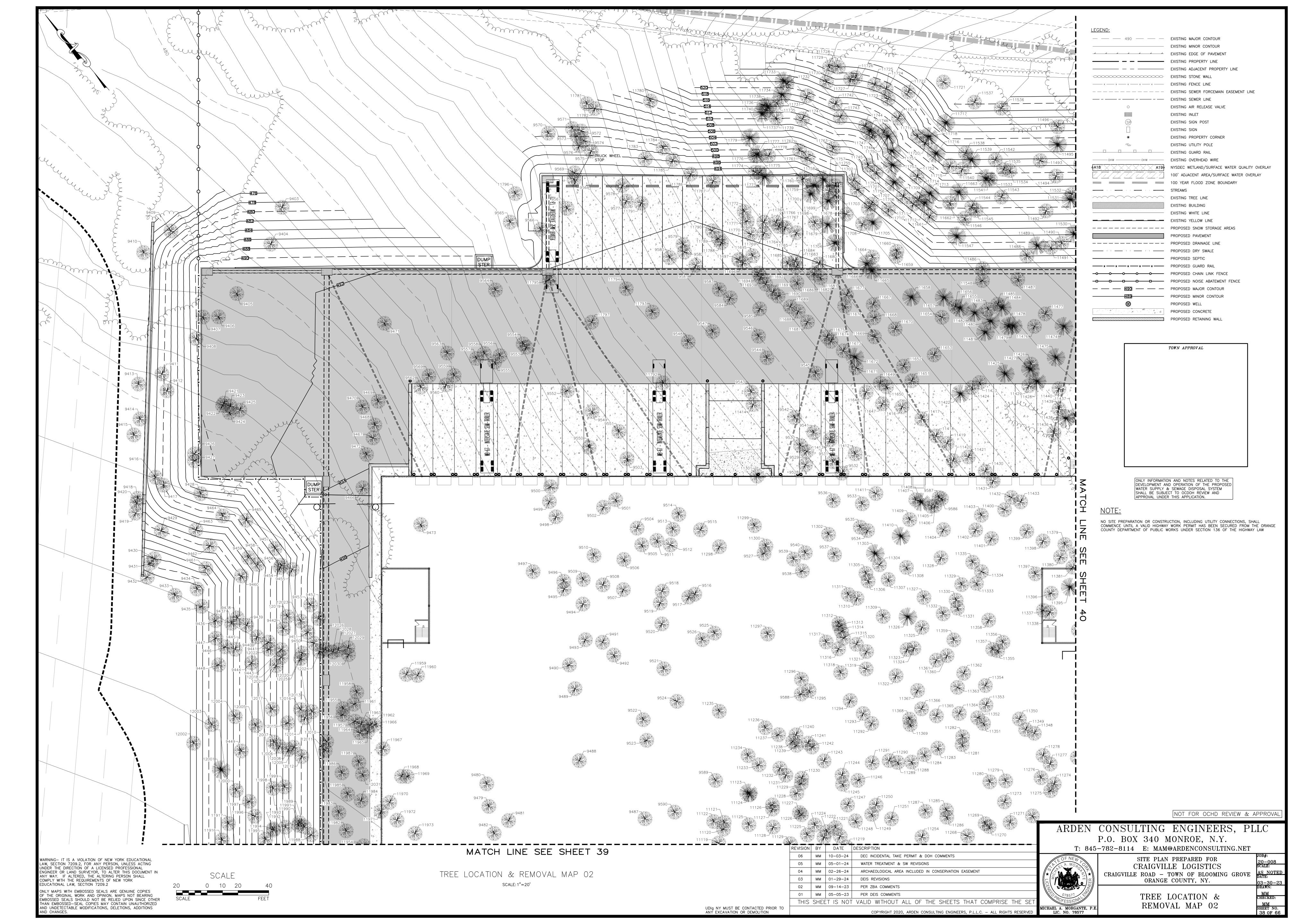


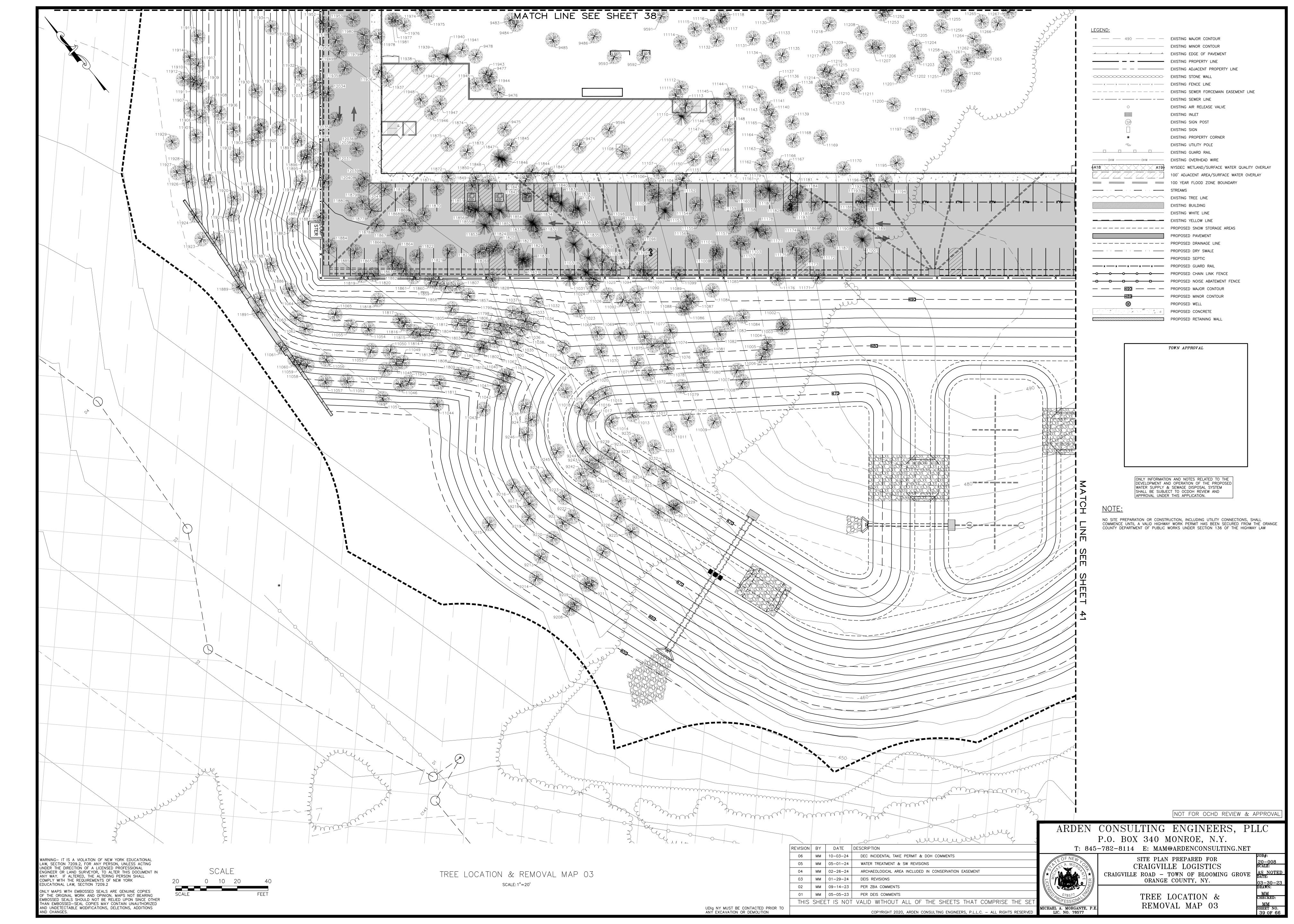


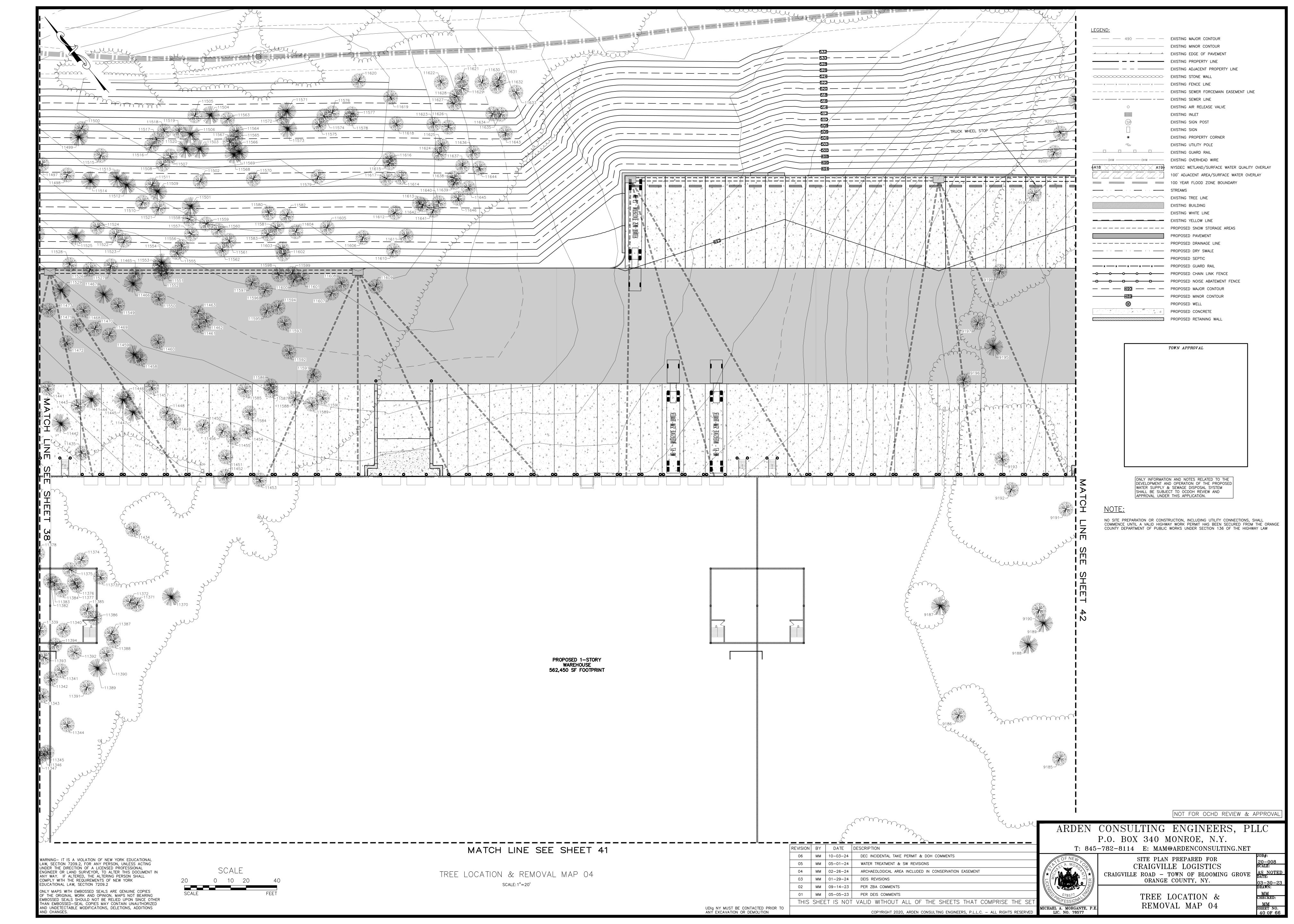


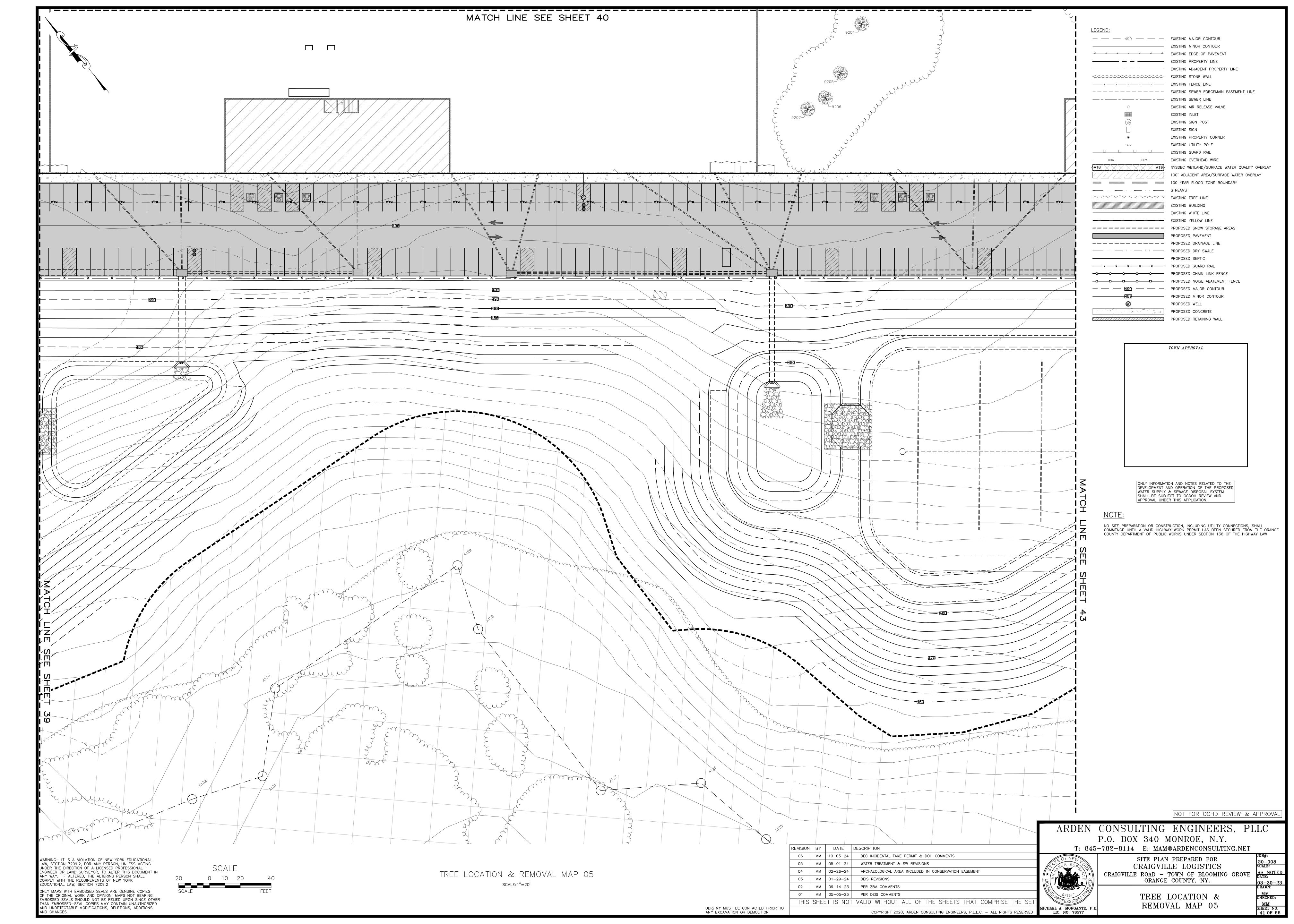


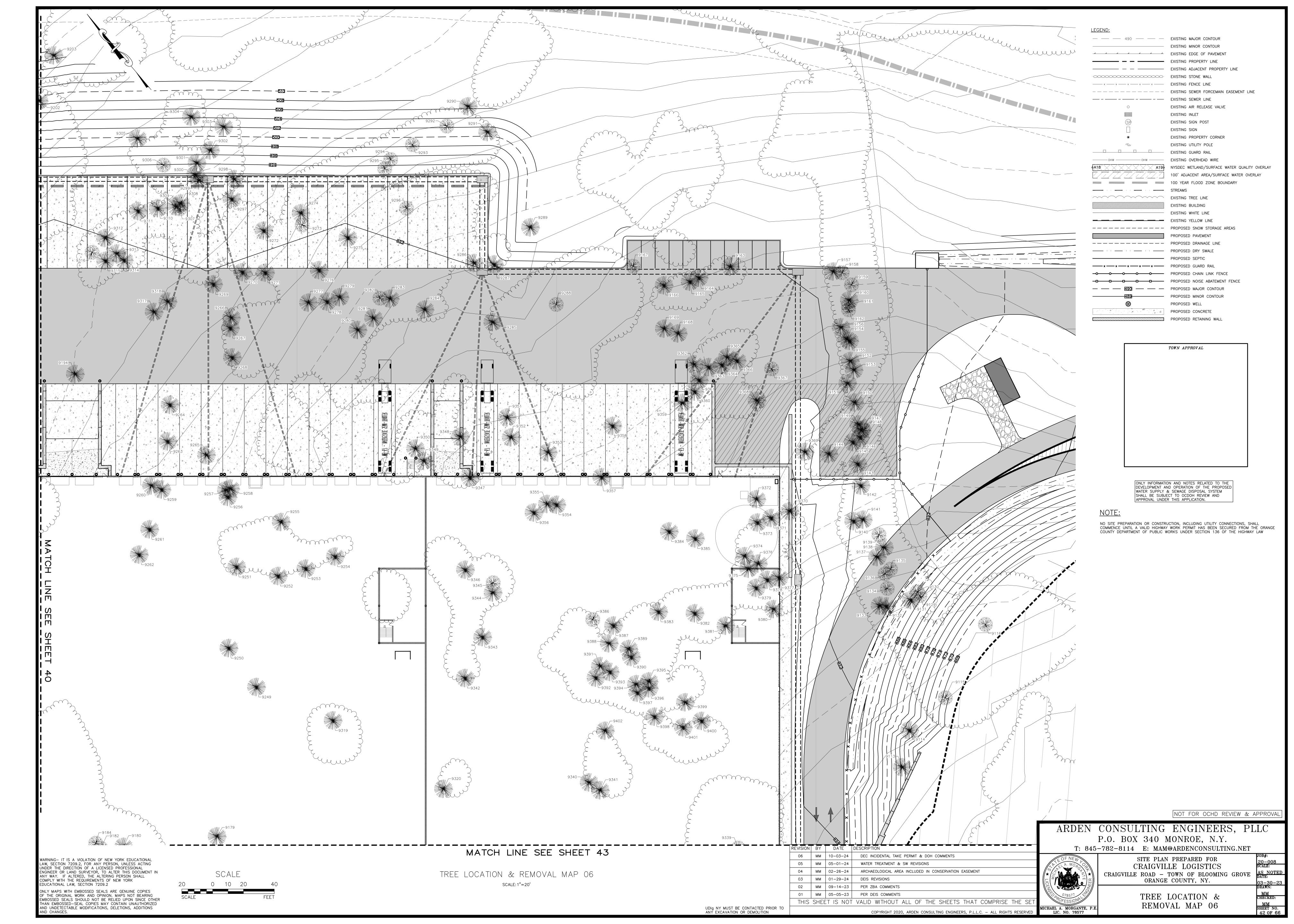


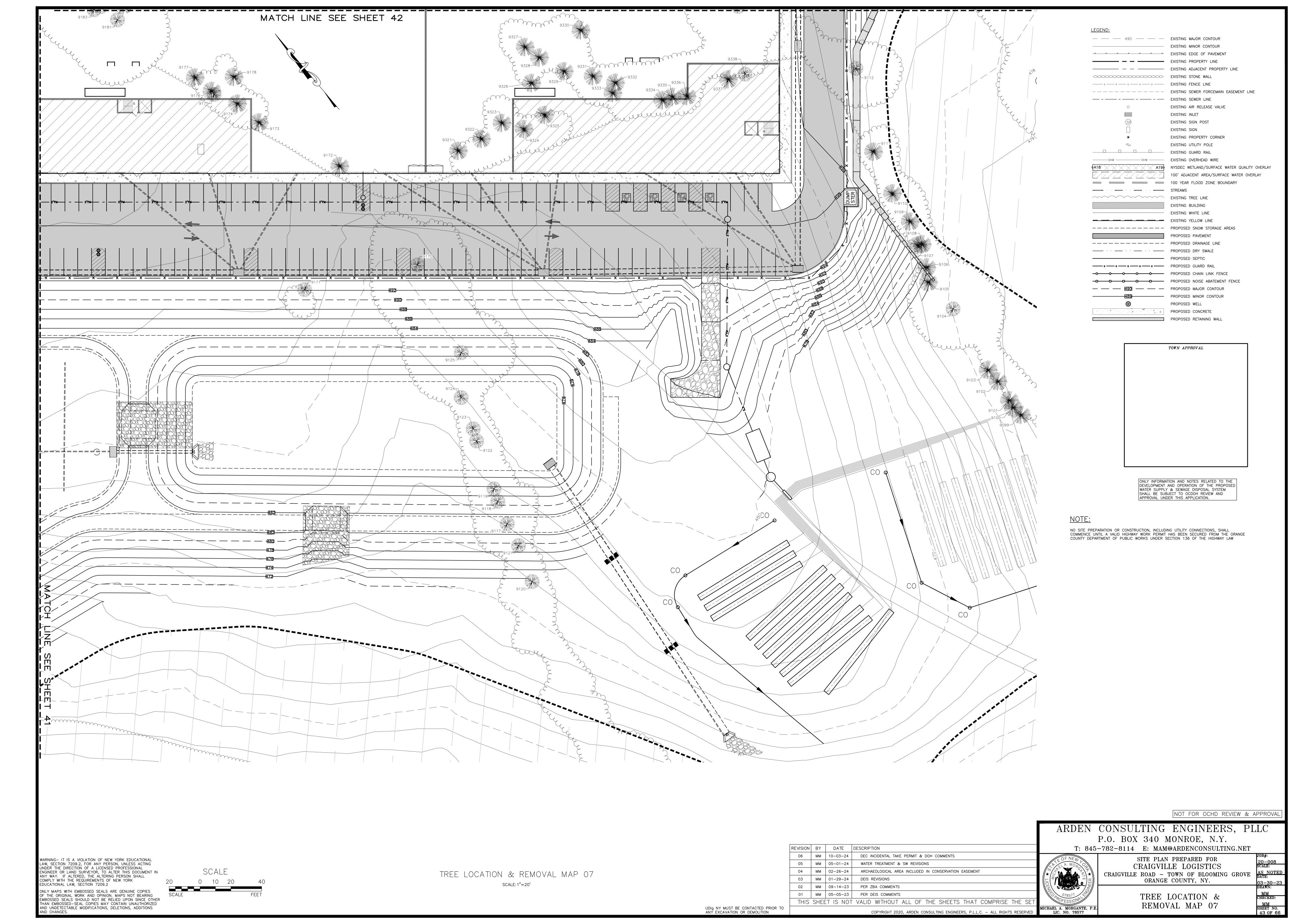














TREE LOCATION & REMOVAL MAP 08 SCALE: 1"=20'

WARNING— IT IS A VIOLATION OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL

COMPLY WITH THE REQUIREMENTS OF NEW YORK

EDUCATIONAL LAW, SECTION 7209.2

AND CHANGES.

ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL

ONLY MAPS WITH EMBOSSED SEALS ARE GENUINE COPIES

OF THE ORIGINAL WORK AND OPINION. MAPS NOT BEARING EMBOSSED SEALS SHOULD NOT BE RELIED UPON SINCE OTHER THAN EMBOSSED—SEAL COPIES MAY CONTAIN UNAUTHORIZED

AND UNDETECTABLE MODIFICATIONS, DELETIONS, ADDITIONS

NOT FOR OCHD REVIEW & APPROVAL

MM
CHECKED:

MM
SHEET NO.
44 OF 66

ARDEN CONSULTING ENGINEERS, PLLC P.O. BOX 340 MONROE, N.Y. T: 845-782-8114 E: MAM@ARDENCONSULTING.NET

SITE PLAN PREPARED FOR CRAIGVILLE LOGISTICS

CRAIGVILLE ROAD - TOWN OF BLOOMING GROVE ORANGE COUNTY, NY.

TREE LOCATION & REMOVAL MAP 08

WATER TREATMENT & SW REVISIONS 05 | MM | 05-01-24 | ARCHAEOLOGICAL AREA INCLUDED IN CONSERVATION EASEMENT 04 MM 02-26-24 03 MM 01-29-24 DEIS REVISIONS 02 MM 09-14-23 PER ZBA COMMENTS 01 MM 05-05-23 PER DEIS COMMENTS THIS SHEET IS NOT VALID WITHOUT ALL OF THE SHEETS THAT COMPRISE THE COPYRIGHT 2020, ARDEN CONSULTING ENGINEERS, P.L.L.C. — ALL RIGHTS RESERVED

REVISION BY DATE DESCRIPTION

06 MM 10-03-24 DEC INCIDENTAL TAKE PERMIT & DOH COMMENTS

UDIG NY MUST BE CONTACTED PRIOR TO ANY EXCAVATION OR DEMOLITION

MICHAEL A. MORGANTE, P.E. LIC. NO. 78577

LEGEND:

— — ·490· — — EXISTING MAJOR CONTOUR

EXISTING EDGE OF PAVEMENT EXISTING PROPERTY LINE

EXISTING STONE WALL

EXISTING GUARD RAIL

EXISTING TREE LINE

EXISTING YELLOW LINE

---- PROPOSED DRAINAGE LINE PROPOSED SEPTIC

PROPOSED CHAIN LINK FENCE

— — — 490 — — PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR

PROPOSED CONCRETE

PROPOSED NOISE ABATEMENT FENCE

------OHW -------OHW -------- EXISTING OVERHEAD WIRE

100 YEAR FLOOD ZONE BOUNDARY

PROPOSED SNOW STORAGE AREAS

------ EXISTING ADJACENT PROPERTY LINE

---- EXISTING SEWER FORCEMAIN EASEMENT LINE

EXISTING MINOR CONTOUR

EXISTING AIR RELEASE VALVE

EXISTING PROPERTY CORNER

A19 NYSDEC WETLAND/SURFACE WATER QUALITY OVERLAY

100' ADJACENT AREA/SURFACE WATER OVERLAY

EXISTING INLET

EXISTING SIGN

EXISTING SIGN POST

EXISTING UTILITY POLE

EXISTING BUILDING —— EXISTING WHITE LINE

PROPOSED PAVEMENT

PROPOSED WELL

TOWN APPROVAL

ONLY INFORMATION AND NOTES RELATED TO THE DEVELOPMENT AND OPERATION OF THE PROPOSED WATER SUPPLY & SEWAGE DISPOSAL SYSTEM SHALL BE SUBJECT TO OCDOH REVIEW AND APPROVAL UNDER THIS APPLICATION.

NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW

PROPOSED RETAINING WALL

TREE CHART TREE CHART TREE CHART	TREE CHART	E CHART TREE CHART TREE CHART	TREE CHART TREE CHART
POINT # TREE TYPE WIDTH POINT	POINT # TREE TYPE WIDTH POINT # TREE TYPE	EE TYPE WIDTH POINT # TREE TYPE WIDTH POINT # TREE TYPE WIDTH POINT #	TREE CHART TREE TYPE WIDTH POINT # TREE TYPE WIDTH
9034 MAPLE DECIDUOUS TREE 8" 9237 MAPLE DECIDUOUS TREE 12" 9192 OAK DECIDUOUS TREE 60" 9118 MAPLE DECIDUOUS TREE 8" 9238 MAPLE DECIDUOUS TREE 8" 9193 OAK DECIDUOUS TREE 30"	9137 PINE CONIFEROUS TREE 8" 9249 PINE CONIFEROUS TREE 12" 9300 PINE CONIFEROUS TREE 10" 9348 PINE CONIFEROUS TREE 12" 9387 PINE CON	IIFEROUS TREE 10" 9195 TWIN PINE CONIFEROUS TREE 12" 9455 TWIN MAPLE DECIDUOUS TREE 14" 9431 M	APLE DECIDUOUS TREE 10" 9474 MAPLE DECIDUOUS TREE 8" 9523 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 8" 9475 MAPLE DECIDUOUS TREE 8" 9524 MAPLE DECIDUOUS TREE 8"
9122 MAPLE DECIDUOUS TREE 20" 9239 MAPLE DECIDUOUS TREE 8" 9198 OAK DECIDUOUS TREE 46" 9123 MAPLE DECIDUOUS TREE 8" 9240 MAPLE DECIDUOUS TREE 8" 9199 OAK DECIDUOUS TREE 46"	9140 PINE CONIFEROUS TREE 10" 9251 PINE CONIFEROUS TREE 24" 9302 PINE CONIFEROUS TREE 10" 9350 PINE CONIFEROUS TREE 24" 9389 PINE CON	IIFEROUS TREE 12" 9269 TWIN PINE CONIFEROUS TREE 14" 9428 TWIN OAK DECIDUOUS TREE 28" 9433 M	APLE DECIDUOUS TREE 8" 9476 MAPLE DECIDUOUS TREE 10" 9525 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 8" 9477 MAPLE DECIDUOUS TREE 8" 9526 MAPLE DECIDUOUS TREE 8"
9124 MAPLE DECIDUOUS TREE 8" 9241 MAPLE DECIDUOUS TREE 8" 9200 OAK DECIDUOUS TREE 24" 9126 MAPLE DECIDUOUS TREE 10" 9242 MAPLE DECIDUOUS TREE 10" 9201 OAK DECIDUOUS TREE 24"			APLE DECIDUOUS TREE 8" 9478 MAPLE DECIDUOUS TREE 8" 9527 MAPLE DECIDUOUS TREE 8" 9528 MAPLE DECIDUOUS TREE 8"
9129 MAPLE DECIDUOUS TREE 10" 9243 MAPLE DECIDUOUS TREE 12" 9204 OAK DECIDUOUS TREE 60" 9136 MAPLE DECIDUOUS TREE 10" 9244 MAPLE DECIDUOUS TREE 12" 9205 OAK DECIDUOUS TREE 24"	9146 PINE CONIFEROUS TREE 8" 9256 PINE CONIFEROUS TREE 14" 9309 PINE CONIFEROUS TREE 10" 9355 PINE CONIFEROUS TREE 12" 9399 PINE CON	IIFEROUS TREE 10" 9289 TWIN PINE CONIFEROUS TREE 24" 9522 TRIP BIRCH DECIDUOUS TREE 12" 9437 M IIFEROUS TREE 14" 9290 TWIN PINE CONIFEROUS TREE 14" 9508 TRIP MAPLE DECIDUOUS TREE 12" 9438 M INFEROUS TREE 14" 9508 TRIP MAPLE DECIDUOUS TREE 12" 9438 M	APLE DECIDUOUS TREE 12" 9480 MAPLE DECIDUOUS TREE 8" 9529 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 10" 9481 MAPLE DECIDUOUS TREE 8" 9530 MAPLE DECIDUOUS TREE 8" APPLE DECIDUOUS TREE 10" 9480 MAPLE DECIDUOUS TREE 8" 9530 MAPLE DECIDUOUS TREE 8"
9139 MAPLE DECIDUOUS TREE 10" 9245 MAPLE DECIDUOUS TREE 14" 9206 OAK DECIDUOUS TREE 24" 9148 MAPLE DECIDUOUS TREE 12" 9247 MAPLE DECIDUOUS TREE 12" 9207 OAK DECIDUOUS TREE 24" 9158 MAPLE DECIDUOUS TREE 12" 9248 MAPLE DECIDUOUS TREE 12" 9211 OAK DECIDUOUS TREE 12"	9149 PINE CONIFEROUS TREE 14" 9258 PINE CONIFEROUS TREE 10" 9312 PINE CONIFEROUS TREE 10" 9357 PINE CONIFEROUS TREE 14" 9401 PINE CON	IIFEROUS TREE 14" 9299 TWIN PINE CONIFEROUS TREE 14" 9551 TRIP MAPLE DECIDUOUS TREE 12" 9439 M IIFEROUS TREE 14" 9311 TWIN PINE CONIFEROUS TREE 14" 9565 TRIP MAPLE DECIDUOUS TREE 12" 9442 M IIFEROUS TREE 24" 9318 TWIN PINE CONIFEROUS TREE 12" 9591 TRIP MAPLE DECIDUOUS TREE 10" 9443 M	APLE DECIDUOUS TREE 10" 9482 MAPLE DECIDUOUS TREE 8" 9531 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 10" 9483 MAPLE DECIDUOUS TREE 8" 9532 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 12" 9486 MAPLE DECIDUOUS TREE 8" 9533 MAPLE DECIDUOUS TREE 8"
9161 MAPLE DECIDUOUS TREE 12" 9282 MAPLE DECIDUOUS TREE 10" 9212 OAK DECIDUOUS TREE 12" 9292 MAPLE DECIDUOUS TREE 12" 9213 OAK DECIDUOUS TREE 12"	9151 PINE CONIFEROUS TREE 10" 9261 PINE CONIFEROUS TREE 10" 9314 PINE CONIFEROUS TREE 10" 9359 PINE CONIFEROUS TREE 10" 9153 PINE CONIFEROUS TREE 8" 9262 PINE CONIFEROUS TREE 10" 9315 PINE CONIFEROUS TREE 12" 9360 PINE CONIFEROUS TREE 12" 9392 QUAD PINE	CONIFEROUS TREE 20" 9331 TWIN PINE CONIFEROUS TREE 24" 9592 TRIP MAPLE DECIDUOUS TREE 10" 9445 M CONIFEROUS TREE 14" 9332 TWIN PINE CONIFEROUS TREE 24" 9408 TRIP OAK DECIDUOUS TREE 30" 9446 M	APLE DECIDUOUS TREE 12" 9487 MAPLE DECIDUOUS TREE 8" 9534 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 12" 9488 MAPLE DECIDUOUS TREE 8" 9537 MAPLE DECIDUOUS TREE 8"
9167 MAPLE DECIDUOUS TREE 14" 9293 MAPLE DECIDUOUS TREE 12" 9218 OAK DECIDUOUS TREE 12" 9175 MAPLE DECIDUOUS TREE 14" 9294 MAPLE DECIDUOUS TREE 12" 9225 OAK DECIDUOUS TREE 14"	9155 PINE CONIFEROUS TREE 14" 9263 PINE CONIFEROUS TREE 24" 9317 PINE CONIFEROUS TREE 10" 9361 PINE CONIFEROUS TREE 12" 9121 SEP MAPLE 9156 PINE CONIFEROUS TREE 14" 9264 PINE CONIFEROUS TREE 24" 9319 PINE CONIFEROUS TREE 24" 9362 PINE CONIFEROUS TREE 10" 9208 SEP OAK I	DECIDUOUS TREE 20" 9385 TWIN PINE CONIFEROUS TREE 24" 9412 TRIP OAK DECIDUOUS TREE 36" 9447 M DECIDUOUS TREE 60" 9391 TWIN PINE CONIFEROUS TREE 24" 9416 TRIP OAK DECIDUOUS TREE 24" 9448 M	APLE DECIDUOUS TREE 12" 9489 MAPLE DECIDUOUS TREE 8" 9538 MAPLE DECIDUOUS TREE 8" 9539 MAPLE DECIDUOUS TREE 8"
9190 MAPLE DECIDUOUS TREE 14" 9295 MAPLE DECIDUOUS TREE 10" 9228 OAK DECIDUOUS TREE 10" 9191 MAPLE DECIDUOUS TREE 12" 9307 MAPLE DECIDUOUS TREE 10" 9229 OAK DECIDUOUS TREE 46" 9196 MAPLE DECIDUOUS TREE 18" 9316 MAPLE DECIDUOUS TREE 12" 9230 OAK DECIDUOUS TREE 46"	9157 PINE CONIFEROUS TREE 14" 9265 PINE CONIFEROUS TREE 12" 9320 PINE CONIFEROUS TREE 24" 9363 PINE CONIFEROUS TREE 10" 9393 TRIP PINE 9160 PINE CONIFEROUS TREE 12" 9266 PINE CONIFEROUS TREE 24" 9321 PINE CONIFEROUS TREE 8" 9364 PINE CONIFEROUS TREE 10" 9119 TRIP PINE 9164 PINE CONIFEROUS TREE 12" 9267 PINE CONIFEROUS TREE 24" 9322 PINE CONIFEROUS TREE 14" 9365 PINE CONIFEROUS TREE 14" 9130 TRIP PINE	CONIFEROUS TREE 18" 9398 TWIN PINE CONIFEROUS TREE 18" 9511 BIRCH DECIDUOUS TREE 8" 9450 M	APLE DECIDUOUS TREE 12" 9491 MAPLE DECIDUOUS TREE 8" 9540 MAPLE DECIDUOUS TREE 8" 9543 MAPLE DECIDUOUS TREE 8" 9543 MAPLE DECIDUOUS TREE 8" 9544 MAPLE DECIDUOUS
9197 MAPLE DECIDUOUS TREE 10" 9338 MAPLE DECIDUOUS TREE 12" 9246 OAK DECIDUOUS TREE 14" 9214 MAPLE DECIDUOUS TREE 10" 9345 MAPLE DECIDUOUS TREE 12" 9288 OAK DECIDUOUS TREE 96"	9165 PINE CONIFEROUS TREE 12" 9268 PINE CONIFEROUS TREE 10" 9323 PINE CONIFEROUS TREE 12" 9366 PINE CONIFEROUS TREE 12" 9166 PINE CONIFEROUS TREE 12" 9270 PINE CONIFEROUS TREE 10" 9326 PINE CONIFEROUS TREE 14" 9368 PINE CONIFEROUS TREE 12" 9163 TRIP PINE	CONIFEROUS TREE 18" 9471 TWIN MAPLE DECIDUOUS TREE 12" 9541 BIRCH DECIDUOUS TREE 8" 9456 M	APLE DECIDUOUS TREE 10" 9494 MAPLE DECIDUOUS TREE 8" 9545 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 12" 9497 MAPLE DECIDUOUS TREE 10" 9546 MAPLE DECIDUOUS TREE 8"
9215 MAPLE DECIDUOUS TREE 10" 9367 MAPLE DECIDUOUS TREE 12" 9296 OAK DECIDUOUS TREE 36" 9216 MAPLE DECIDUOUS TREE 12" 9386 MAPLE DECIDUOUS TREE 14" 9339 OAK DECIDUOUS TREE 46"	9168 PINE CONIFEROUS TREE 14" 9272 PINE CONIFEROUS TREE 12" 9327 PINE CONIFEROUS TREE 14" 9369 PINE CONIFEROUS TREE 12" 9152 TRIP PINE 9169 PINE CONIFEROUS TREE 14" 9274 PINE CONIFEROUS TREE 24" 9328 PINE CONIFEROUS TREE 12" 9370 PINE CONIFEROUS TREE 12" 9152 TRIP PINE		APLE DECIDUOUS TREE 12" 9498 MAPLE DECIDUOUS TREE 10" 9547 MAPLE DECIDUOUS TREE 8" 9499 MAPLE DECIDUOUS TREE 10" 9548 MAPLE DECIDUOUS TREE 8"
9217 MAPLE DECIDUOUS TREE 12" 9104 OAK DECIDUOUS TREE 28" 9105 PINE CONIFEROUS TREE 12" 9219 MAPLE DECIDUOUS TREE 10" 9112 OAK DECIDUOUS TREE 40" 9106 PINE CONIFEROUS TREE 12" 9220 MAPLE DECIDUOUS TREE 10" 9117 OAK DECIDUOUS TREE 18" 9107 PINE CONIFEROUS TREE 10"	9172 PINE CONIFEROUS TREE 12" 9276 PINE CONIFEROUS TREE 24" 9329 PINE CONIFEROUS TREE 12" 9371 PINE CONIFEROUS TREE 12" 9271 TRIP PINE 9173 PINE CONIFEROUS TREE 12" 9277 PINE CONIFEROUS TREE 12" 9333 PINE CONIFEROUS TREE 18" 9372 PINE CONIFEROUS TREE 12" 9324 TRIP PINE 9174 PINE CONIFEROUS TREE 12" 9374 PINE CONIFEROUS TREE 12" 9375 PINE CONIFEROUS TREE 12" 9376 PINE CONIFEROUS TREE 12" 9377 PINE CONIFEROUS TREE 12" 9378 PINE CONIFEROUS TREE 12" 9379 P	CONIFEROUS TREE 14" 9496 TWIN MAPLE DECIDUOUS TREE 12" 9564 BIRCH DECIDUOUS TREE 8" 9460 M CONIFEROUS TREE 24" 9501 TWIN MAPLE DECIDUOUS TREE 24" 9580 BIRCH DECIDUOUS TREE 8" 9461 M CONIFEROUS TREE 24" 9509 TWIN MAPLE DECIDUOUS TREE 12" 9407 MAPLE DECIDUOUS TREE 12" 9462 M	APLE DECIDUOUS TREE 12" 9503 MAPLE DECIDUOUS TREE 8" 9550 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 12" 9504 MAPLE DECIDUOUS TREE 12" 9552 MAPLE DECIDUOUS TREE 10" APLE DECIDUOUS TREE 12" 9505 MAPLE DECIDUOUS TREE 8" 9553 MAPLE DECIDUOUS TREE 8"
9221 MAPLE DECIDUOUS TREE 10" 9120 OAK DECIDUOUS TREE 24" 9108 PINE CONIFEROUS TREE 8" 9222 MAPLE DECIDUOUS TREE 12" 9125 OAK DECIDUOUS TREE 36" 9109 PINE CONIFEROUS TREE 14"	9174 PINE CONIFEROUS TREE 12 9278 PINE CONIFEROUS TREE 12 9334 PINE CONIFEROUS TREE 12 9330 TRIP PINE PINE CONIFEROUS TREE 12" 9280 PINE CONIFEROUS TREE 10" 9335 PINE CONIFEROUS TREE 18" 9374 PINE CONIFEROUS TREE 10" 9381 TRIP PINE 9178 PINE CONIFEROUS TREE 12" 9281 PINE CONIFEROUS TREE 10" 9336 PINE CONIFEROUS TREE 18" 9375 PINE CONIFEROUS TREE 10" 9135 TWIN MAPLE	CONIFEROUS TREE 24 9509 TWIN MAPLE DECIDOOUS TREE 12 9407 MAPLE DECIDOOUS TREE 12 9409 MAPLE DECIDOOUS TREE 8" 9463 M DECIDOOUS TREE 14" 9515 TWIN MAPLE DECIDOOUS TREE 10" 9410 MAPLE DECIDOOUS TREE 10" 9464 M	APLE DECIDUOUS TREE 12 9503 MAPLE DECIDUOUS TREE 8 9554 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 12" 9512 MAPLE DECIDUOUS TREE 8" 9556 MAPLE DECIDUOUS TREE 8"
9223 MAPLE DECIDUOUS TREE 12" 9170 OAK DECIDUOUS TREE 36" 9111 PINE CONIFEROUS TREE 24" 9226 MAPLE DECIDUOUS TREE 14" 9171 OAK DECIDUOUS TREE 14" 9113 PINE CONIFEROUS TREE 12"	9179 PINE CONIFEROUS TREE 12" 9283 PINE CONIFEROUS TREE 12" 9337 PINE CONIFEROUS TREE 18" 9376 PINE CONIFEROUS TREE 10" 9210 TWIN MAPLE 9180 PINE CONIFEROUS TREE 14" 9284 PINE CONIFEROUS TREE 12" 9340 PINE CONIFEROUS TREE 14" 9377 PINE CONIFEROUS TREE 10" 9224 TWIN MAPLE	DECIDUOUS TREE 24" 9578 TWIN MAPLE DECIDUOUS TREE 10" 9414 MAPLE DECIDUOUS TREE 12" 9465 M DECIDUOUS TREE 12" 9585 TWIN MAPLE DECIDUOUS TREE 10" 9415 MAPLE DECIDUOUS TREE 12" 9466 M	APLE DECIDUOUS TREE 12" 9513 MAPLE DECIDUOUS TREE 8" 9558 MAPLE DECIDUOUS TREE 8" 9560 MAPLE DECIDUOUS TREE 8"
9227 MAPLE DECIDUOUS TREE 10" 9181 OAK DECIDUOUS TREE 36" 9114 PINE CONIFEROUS TREE 10" 9232 MAPLE DECIDUOUS TREE 12" 9182 OAK DECIDUOUS TREE 28" 9127 PINE CONIFEROUS TREE 12"	9187 PINE CONIFEROUS TREE 24" 9285 PINE CONIFEROUS TREE 24" 9341 PINE CONIFEROUS TREE 14" 9378 PINE CONIFEROUS TREE 10" 9231 TWIN MAPLE 9188 PINE CONIFEROUS TREE 24" 9286 PINE CONIFEROUS TREE 12" 9342 PINE CONIFEROUS TREE 14" 9379 PINE CONIFEROUS TREE 10" 9134 TWIN OAK	SECRETORS THE ZO STEEL FOR THE PERIODS THEE TO STEEL TO STEEL TO STEEL TO	APLE DECIDUOUS TREE 12" 9516 MAPLE DECIDUOUS TREE 8" 9561 MAPLE DECIDUOUS TREE 10" APLE DECIDUOUS TREE 12" 9517 MAPLE DECIDUOUS TREE 8" 9562 MAPLE DECIDUOUS TREE 8"
9233 MAPLE DECIDUOUS TREE 12" 9183 OAK DECIDUOUS TREE 30" 9128 PINE CONIFEROUS TREE 12" 9234 MAPLE DECIDUOUS TREE 14" 9184 OAK DECIDUOUS TREE 12" 9131 PINE CONIFEROUS TREE 24" 9235 MAPLE DECIDUOUS TREE 14" 9185 OAK DECIDUOUS TREE 60" 9132 PINE CONIFEROUS TREE 18"	130 1 M. 2 30 M. 2 10 M.	30 110 1111 1111 112 12010000 1121 12	APLE DECIDUOUS TREE 10" 9518 MAPLE DECIDUOUS TREE 8" 9563 MAPLE DECIDUOUS TREE 8" 9519 MAPLE DECIDUOUS TREE 8" 9566 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 8" 9567 MAPLE DECIDUOUS TREE 8" 9567 MAPLE DECIDUOUS TREE 8"
TREE CHART TREE CHART TREE CHART	TREE CHART	E CHART TREE CHART TREE CHART	TREE CHART TREE CHART TREE CHART
POINT # TREE TYPE WIDTH POINT	11135 MAPLE DECIDUOUS TREE 12" 11183 MAPLE DECIDUOUS TREE 14" 11234 MAPLE DECIDUOUS TREE 12" 11288 MAPLE DECIDUOUS TREE 8" 11351 MAPLE DECIDUOUS TREE 12"	EE TYPE WIDTH POINT # TREE TYPE TR	TREE TYPE WIDTH POINT # TREE TYPE WIDTH 11574 MAPLE DECIDUOUS TREE 14" 11611 MAPLE DECIDUOUS TREE 14" APLE DECIDUOUS TREE 10" 11612 MAPLE DECIDUOUS TREE 12"
9570 MAPLE DECIDUOUS TREE 8" 11040 MAPLE DECIDUOUS TREE 12" 11093 MAPLE DECIDUOUS TREE 8" 11044 MAPLE DECIDUOUS TREE 14" 11094 MAPLE DECIDUOUS TREE 8"	11137 MAPLE DECIDUOUS TREE 14" 11185 MAPLE DECIDUOUS TREE 8" 11238 MAPLE DECIDUOUS TREE 12" 11290 MAPLE DECIDUOUS TREE 12" 11353 MAPLE DECIDUOUS TREE 12" 11354 MAPLE DECIDUOUS TREE 12" 11355 MAPLE DECIDUOUS TREE 12" 1	CIDUOUS TREE 12" 11403 MAPLE DECIDUOUS TREE 14" 11468 MAPLE DECIDUOUS TREE 14" 11532 M CIDUOUS TREE 12" 11404 MAPLE DECIDUOUS TREE 12" 11469 MAPLE DECIDUOUS TREE 14" 11533 M	APLE DECIDUOUS TREE 10" 11576 MAPLE DECIDUOUS TREE 10" 11613 MAPLE DECIDUOUS TREE 12" 11614 MAPLE DECIDUOUS TREE 12"
9572 MAPLE DECIDUOUS TREE 8" 11045 MAPLE DECIDUOUS TREE 12" 11096 MAPLE DECIDUOUS TREE 12" 11097 MAPLE DECIDUOUS TREE 12" 11097 MAPLE DECIDUOUS TREE 12" 11097 MAPLE DECIDUOUS TREE 12" 11098 MAPLE DECIDUOUS TREE 12" 11	11140 MAPLE DECIDUOUS TREE 12" 11193 MAPLE DECIDUOUS TREE 12" 11241 MAPLE DECIDUOUS TREE 12" 11295 MAPLE DECIDUOUS TREE 14" 11356 MAPLE DECIDUOUS TREE 15" 1140 MAPLE DECIDUOUS TRE		APLE DECIDUOUS TREE 12" 11578 MAPLE DECIDUOUS TREE 12" 11615 MAPLE DECIDUOUS TREE 12" 11616 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 12" 11580 MAPLE DECIDUOUS TREE 12" 11617 MAPLE DECIDUOUS TREE 8"
9574 MAPLE DECIDUOUS TREE 10" 11047 MAPLE DECIDUOUS TREE 10" 11098 MAPLE DECIDUOUS TREE 12" 9575 MAPLE DECIDUOUS TREE 10" 11048 MAPLE DECIDUOUS TREE 10" 11104 MAPLE DECIDUOUS TREE 10" 9576 MAPLE DECIDUOUS TREE 10" 11049 MAPLE DECIDUOUS TREE 12" 11105 MAPLE DECIDUOUS TREE 12"	11142 MAPLE DECIDUOUS TREE 12" 11202 MAPLE DECIDUOUS TREE 8" 11246 MAPLE DECIDUOUS TREE 14" 11297 MAPLE DECIDUOUS TREE 24" 11358 MAPLE DECIDUOUS TREE 24"	CCIDUOUS TREE 12" 11409 MAPLE DECIDUOUS TREE 10" 11473 MAPLE DECIDUOUS TREE 10" 11537 M	APLE DECIDUOUS TREE 12" 11580 MAPLE DECIDUOUS TREE 12" 11617 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 12" 11581 MAPLE DECIDUOUS TREE 12" 11618 MAPLE DECIDUOUS TREE 12" APLE DECIDUOUS TREE 12" 11582 MAPLE DECIDUOUS TREE 12" 11620 MAPLE DECIDUOUS TREE 12"
9577 MAPLE DECIDUOUS TREE 8" 11053 MAPLE DECIDUOUS TREE 8" 11106 MAPLE DECIDUOUS TREE 12" 11107 MAPLE DECIDUOUS TREE 12"	11144 MAPLE DECIDUOUS TREE 8" 11206 MAPLE DECIDUOUS TREE 12" 11248 MAPLE DECIDUOUS TREE 10" 11300 MAPLE DECIDUOUS TREE 10" 11300 MAPLE DECIDUOUS TREE 10" 11360 MAPLE DECIDUOUS TREE 10" 11361 MAPLE DECIDUOUS TREE 10" 11300 MAPLE DECIDUOUS TREE 10" 11301 MAPLE DECIDUOUS TREE 10" 11361 MAPLE DECIDUOUS TREE 10" 11301 MAPLE DECIDUOUS TREE 10" 1	CIDUOUS TREE 14" 11413 MAPLE DECIDUOUS TREE 10" 11477 MAPLE DECIDUOUS TREE 8" 11540 M CIDUOUS TREE 10" 11420 MAPLE DECIDUOUS TREE 8" 11483 MAPLE DECIDUOUS TREE 8" 11541 M	APLE DECIDUOUS TREE 12" 11584 MAPLE DECIDUOUS TREE 14" 11621 MAPLE DECIDUOUS TREE 24" APLE DECIDUOUS TREE 12" 11584 MAPLE DECIDUOUS TREE 12" 11622 MAPLE DECIDUOUS TREE 14"
9581 MAPLE DECIDUOUS TREE 8" 11056 MAPLE DECIDUOUS TREE 14" 11108 MAPLE DECIDUOUS TREE 12" 9582 MAPLE DECIDUOUS TREE 8" 11057 MAPLE DECIDUOUS TREE 10" 11109 MAPLE DECIDUOUS TREE 12" 9583 MAPLE DECIDUOUS TREE 8" 11058 MAPLE DECIDUOUS TREE 12" 11111 MAPLE DECIDUOUS TREE 12"	11147 MAPLE DECIDUOUS TREE 12" 11210 MAPLE DECIDUOUS TREE 12" 11251 MAPLE DECIDUOUS TREE 12" 11305 MAPLE DECIDUOUS TREE 10" 11363 MAPLE DECIDUOUS TREE 10"	CIDUOUS TREE 10" 11423 MAPLE DECIDUOUS TREE 12" 11486 MAPLE DECIDUOUS TREE 12" 11544 M	APLE DECIDUOUS TREE 14" 11585 MAPLE DECIDUOUS TREE 12" 11623 MAPLE DECIDUOUS TREE 12" 11624 MAPLE DECIDUOUS TREE 12" 11624 MAPLE DECIDUOUS TREE 12" 11625 MAPLE DECIDUOUS TREE 12" 12" 12" 12" 12" 12" 12" 12" 12" 12"
9583 MAPLE DECIDUOUS TREE 8 11058 MAPLE DECIDUOUS TREE 12 11111 MAPLE DECIDUOUS TREE 12 9584 MAPLE DECIDUOUS TREE 8" 11059 MAPLE DECIDUOUS TREE 10" 11112 MAPLE DECIDUOUS TREE 12" 9587 MAPLE DECIDUOUS TREE 8" 11060 MAPLE DECIDUOUS TREE 10" 11114 MAPLE DECIDUOUS TREE 14"	11150 MAPLE DECIDUOUS TREE 14" 11212 MAPLE DECIDUOUS TREE 12" 11253 MAPLE DECIDUOUS TREE 10" 11308 MAPLE DECIDUOUS TREE 12" 11365 MAPLE DECIDUOUS TREE 10" 11308 MAPLE DECIDUOUS TREE 12" 11365 MAPLE DECIDUOUS TREE 10" 11308 MAPLE DECIDUOUS TREE 12" 11365 MAPLE DECIDUOUS TREE 12" 11365 MAPLE DECIDUOUS TREE 12" 11365 MAPLE DECIDUOUS TREE 12" 11308 MAPLE DECIDUOUS TREE 12"	CIDUOUS TREE 10" 11424 MAPLE DECIDUOUS TREE 12 11487 MAPLE DECIDUOUS TREE 12 11546 M CIDUOUS TREE 10" 11429 MAPLE DECIDUOUS TREE 12" 11546 M CIDUOUS TREE 12" 11429 MAPLE DECIDUOUS TREE 12" 11490 MAPLE DECIDUOUS TREE 10" 11548 M	APLE DECIDUOUS TREE 10" 11587 MAPLE DECIDUOUS TREE 12 11625 MAPLE DECIDUOUS TREE 12 APLE DECIDUOUS TREE 10" 11588 MAPLE DECIDUOUS TREE 14" 11626 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 8" 11589 MAPLE DECIDUOUS TREE 14" 11627 MAPLE DECIDUOUS TREE 8"
9589 MAPLE DECIDUOUS TREE 8" 11062 MAPLE DECIDUOUS TREE 10" 11115 MAPLE DECIDUOUS TREE 14" 9590 MAPLE DECIDUOUS TREE 8" 11063 MAPLE DECIDUOUS TREE 10" 11116 MAPLE DECIDUOUS TREE 12"	11152 MAPLE DECIDUOUS TREE 10" 11214 MAPLE DECIDUOUS TREE 12" 11256 MAPLE DECIDUOUS TREE 10" 11310 MAPLE DECIDUOUS TREE 12" 11367 MAPLE DECIDUOUS TREE 10" 11367 MAPLE DECIDUOUS TREE 12" 11367 MAPLE DECIDUOUS TREE 10" 11310 MAPLE DECIDUOUS TREE 12" 11367 MAPLE DECIDUOUS TREE 12"	CIDUOUS TREE 8" 11433 MAPLE DECIDUOUS TREE 12" 11493 MAPLE DECIDUOUS TREE 18" 11549 M CIDUOUS TREE 14" 11435 MAPLE DECIDUOUS TREE 12" 11494 MAPLE DECIDUOUS TREE 10" 11550 M	APLE DECIDUOUS TREE 10" 11590 MAPLE DECIDUOUS TREE 14" 11628 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 10" 11591 MAPLE DECIDUOUS TREE 10" 11629 MAPLE DECIDUOUS TREE 8"
9593 MAPLE DECIDUOUS TREE 8" 11064 MAPLE DECIDUOUS TREE 14" 11117 MAPLE DECIDUOUS TREE 10" 11065 MAPLE DECIDUOUS TREE 10" 11118 MAPLE DECIDUOUS TREE 10" 11067 MAPLE DECIDUOUS TREE 10" 11118 MAPLE DECIDUOUS TREE 10" 11067 MAPLE DECIDUOUS TREE 10" 11118 MAPLE DECIDUOUS TREE 10" 11067 MAPLE DECIDUOUS TREE 10" 11118 MAPLE DECIDUOUS TREE 10" 11067 MAPLE DECIDUOUS TREE 10" 11068 MAPLE DECIDUOUS TREE 10" 11069 MAPLE DECIDUOUS TREE 10" 11	11156 MAPLE DECIDUOUS TREE 12" 11217 MAPLE DECIDUOUS TREE 12" 11259 MAPLE DECIDUOUS TREE 10" 11325 MAPLE DECIDUOUS TREE 10" 11372 MAPLE DECIDUOUS TREE 10"	CCIDUOUS TREE 14" 11441 MAPLE DECIDUOUS TREE 10" 11497 MAPLE DECIDUOUS TREE 18" 11552 M	APLE DECIDUOUS TREE 10" 11592 MAPLE DECIDUOUS TREE 10" 11630 MAPLE DECIDUOUS TREE 14" APLE DECIDUOUS TREE 10" 11593 MAPLE DECIDUOUS TREE 12" 11631 MAPLE DECIDUOUS TREE 14" APLE DECIDUOUS TREE 10" 11630 MAPLE DECIDUOUS TREE 14"
11007 MAPLE DECIDUOUS TREE 8" 11067 MAPLE DECIDUOUS TREE 10" 11119 MAPLE DECIDUOUS TREE 8" 11010 MAPLE DECIDUOUS TREE 14" 11068 MAPLE DECIDUOUS TREE 10" 11120 MAPLE DECIDUOUS TREE 8" 11011 MAPLE DECIDUOUS TREE 10" 11121 MAPLE DECIDUOUS TREE 8"	11158 MAPLE DECIDUOUS TREE 10" 11219 MAPLE DECIDUOUS TREE 14" 11268 MAPLE DECIDUOUS TREE 10" 11328 MAPLE DECIDUOUS TREE 14" 11374 MAPLE DECIDUOUS TREE 10" 11328 MAPLE DECIDUOUS TREE 14" 11374 MAPLE DECIDUOUS TREE 10" 11328 MAPLE DECIDUOUS TREE 14" 11374 MAPLE DECIDUOUS TREE 15" 115% MAPLE DECIDUOUS TREE 15" 15% MAPLE DECIDUOUS TREE 15" 15% MAPLE DECIDUOUS TREE 15" 15% MAPLE DECIDUOUS TREE 15% MAPLE DECIDUOUS	CIDUOUS TREE 12" 11443 MAPLE DECIDUOUS TREE 14" 11498 MAPLE DECIDUOUS TREE 10" 11553 M CIDUOUS TREE 14" 11446 MAPLE DECIDUOUS TREE 12" 11500 MAPLE DECIDUOUS TREE 14" 11555 M CIDUOUS TREE 12" 11448 MAPLE DECIDUOUS TREE 12" 11502 MAPLE DECIDUOUS TREE 12" 11556 M	APLE DECIDUOUS TREE 10" 11594 MAPLE DECIDUOUS TREE 12" 11632 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 14" 11595 MAPLE DECIDUOUS TREE 12" 11633 MAPLE DECIDUOUS TREE 8" APLE DECIDUOUS TREE 10" 11596 MAPLE DECIDUOUS TREE 12" 11634 MAPLE DECIDUOUS TREE 10"
11014 MAPLE DECIDUOUS TREE 10" 11070 MAPLE DECIDUOUS TREE 10" 11015 MAPLE DECIDUOUS TREE 10" 11071 MAPLE DECIDUOUS TREE 10" 11124 MAPLE DECIDUOUS TREE 12"	11161 MAPLE DECIDUOUS TREE 8" 11221 MAPLE DECIDUOUS TREE 12" 11270 MAPLE DECIDUOUS TREE 12" 11331 MAPLE DECIDUOUS TREE 12" 11380 MAPLE DECIDUOUS TREE 12" 1	CIDUOUS TREE 10" 11449 MAPLE DECIDUOUS TREE 12" 11507 MAPLE DECIDUOUS TREE 10" 11557 M	APLE DECIDUOUS TREE 10" 11597 MAPLE DECIDUOUS TREE 12" 11637 MAPLE DECIDUOUS TREE 12" 11638 MAPLE DECIDUOUS TREE 12" 11638 MAPLE DECIDUOUS TREE 12"
11017 MAPLE DECIDUOUS TREE 10" 11072 MAPLE DECIDUOUS TREE 10" 11125 MAPLE DECIDUOUS TREE 10" 11018 MAPLE DECIDUOUS TREE 10" 11073 MAPLE DECIDUOUS TREE 10" 11126 MAPLE DECIDUOUS TREE 10" 11073 MAPLE DECIDUOUS TREE 10" 11126 MAPLE DECIDUOUS TREE 10" 11073 MAPLE DECIDUOUS TREE 10" 11074 MAPLE DECIDUOUS TREE 10" 11075 MAPLE DECIDUOUS TREE 10" 11076 MAPLE DECIDUOUS TREE 10"	11164 MAPLE DECIDUOUS TREE 8" 1125 MAPLE DECIDUOUS TREE 12" 11275 MAPLE DECIDUOUS TREE 14" 11334 MAPLE DECIDUOUS TREE 24" 11387 MAPLE DECIDUOUS TREE 24"	CIDUOUS TREE 10" 11452 MAPLE DECIDUOUS TREE 12" 11511 MAPLE DECIDUOUS TREE 14" 11560 M	APLE DECIDUOUS TREE 10" 11599 MAPLE DECIDUOUS TREE 12" 11639 MAPLE DECIDUOUS TREE 12" 11641 MAPLE DECIDUOUS TREE 12" 12" 11641 MAPLE DECIDUOUS TREE 12" 12" 11641 MAPLE DECIDUOUS TREE 12" 12" 12" 14641 MAPLE DECIDUOUS TREE 14641 MAPLE DECIDUOUS
11020 MAPLE DECIDUOUS TREE 18" 11074 MAPLE DECIDUOUS TREE 10" 11127 MAPLE DECIDUOUS TREE 8" 11024 MAPLE DECIDUOUS TREE 12" 11075 MAPLE DECIDUOUS TREE 10" 11128 MAPLE DECIDUOUS TREE 12" 11076 MAPLE DECIDUOUS TREE 10" 11129 MAPLE DECIDUOUS TREE 12"	11167 MAPLE DECIDUOUS TREE 12" 11227 MAPLE DECIDUOUS TREE 8" 11277 MAPLE DECIDUOUS TREE 8" 11337 MAPLE DECIDUOUS TREE 12" 11392 MAPLE DECIDUOUS TREE 12" 11	CIDUOUS TREE 12" 11455 MAPLE DECIDUOUS TREE 12" 11517 MAPLE DECIDUOUS TREE 10" 11562 M	APLE DECIDUOUS TREE 12" 11601 MAPLE DECIDUOUS TREE 12" 11642 MAPLE DECIDUOUS TREE 12" 11602 MAPLE DECIDUOUS TREE 10" 11643 MAPLE DECIDUOUS TREE 14" 1603 MAPLE DECIDUOUS TREE 10" 11644 MAPLE DECIDUOUS TREE 12"
11025 MAPLE DECIDUOUS TREE 12" 11078 MAPLE DECIDUOUS TREE 8" 11130 MAPLE DECIDUOUS TREE 12" 11083 MAPLE DECIDUOUS TREE 10" 11131 MAPLE DECIDUOUS TREE 12"	11175 MAPLE DECIDUOUS TREE 8" 11229 MAPLE DECIDUOUS TREE 12" 11279 MAPLE DECIDUOUS TREE 10" 11339 MAPLE DECIDUOUS TREE 10" 11394 MAPLE DECIDUOUS TREE 10" 10" 11394 MAPLE DECIDUOUS TREE 10" 11394 MAPLE DECIDUOUS TREE 1	CIDUOUS TREE 14" 11457 MAPLE DECIDUOUS TREE 10" 11519 MAPLE DECIDUOUS TREE 10" 11564 M CIDUOUS TREE 8" 11458 MAPLE DECIDUOUS TREE 10" 11521 MAPLE DECIDUOUS TREE 10" 11565 M	APLE DECIDUOUS TREE 14" 11604 MAPLE DECIDUOUS TREE 10" 11645 MAPLE DECIDUOUS TREE 12" 11605 MAPLE DECIDUOUS TREE 10" 11646 MAPLE DECIDUOUS TREE 10"
11032 MAPLE DECIDUOUS TREE 12" 11085 MAPLE DECIDUOUS TREE 12" 11132 MAPLE DECIDUOUS TREE 12" 11033 MAPLE DECIDUOUS TREE 10" 11089 MAPLE DECIDUOUS TREE 8" 11133 MAPLE DECIDUOUS TREE 12" 11034 MAPLE DECIDUOUS TREE 12" 11089 MAPLE DECIDUOUS TREE 12" 11134 MAPLE DECIDUOUS TREE 12" 11085 MAPLE DECIDUOUS TREE 12" 1	11180 MAPLE DECIDUOUS TREE 10" 11232 MAPLE DECIDUOUS TREE 12" 11286 MAPLE DECIDUOUS TREE 8" 11349 MAPLE DECIDUOUS TREE 14" 11399 MAPLE DECIDUOUS TREE 14" 15" 15" 15" 15" 15" 15" 15" 15" 15" 15	CCIDUOUS TREE 12" 11460 MAPLE DECIDUOUS TREE 10" 11523 MAPLE DECIDUOUS TREE 12" 11566 M CCIDUOUS TREE 12" 11461 MAPLE DECIDUOUS TREE 12" 11524 MAPLE DECIDUOUS TREE 12" 11567 M	APLE DECIDUOUS TREE 12" 11607 MAPLE DECIDUOUS TREE 10" 11647 MAPLE DECIDUOUS TREE 14" APLE DECIDUOUS TREE 12" 11608 MAPLE DECIDUOUS TREE 10" 11648 MAPLE DECIDUOUS TREE 14" APLE DECIDUOUS TREE 14" 11650 MAPLE DECIDUOUS TREE 10"
TREE CHART	TREE CHART	CIDUOUS TREE 12" 11462 MAPLE DECIDUOUS TREE 10" 11526 MAPLE DECIDUOUS TREE 12" 11572 M E CHART TREE CHART TREE CHART	TREE CHART TREE CHART TREE CHART TREE CHART
POINT # TREE TYPE WIDTH POINT # TREE TYPE WIDTH POINT # TREE TYPE WIDTH 11653 MAPLE DECIDUOUS TREE 12" 11704 MAPLE DECIDUOUS TREE 10" 11760 MAPLE DECIDUOUS TREE 8" 11706 MAPLE DECIDUOUS TREE 10" 11761 MAPLE DECIDUOUS TREE 8"	11807 MAPLE DECIDUOUS TREE 12" 11858 MAPLE DECIDUOUS TREE 12" 11897 MAPLE DECIDUOUS TREE 10" 11939 MAPLE DECIDUOUS TREE 10" 11998 MAPLE DECIDUOUS TREE 10" 11998 MAPLE DECIDUOUS TREE 10" 11998 MAPLE DECIDUOUS TREE 10" 11908 MAPLE DECIDUOUS TREE 10"		TREE TYPE WIDTH POINT # TREE TYPE WIDTH POINT # TREE TYPE WIDTH POINT # TREE TYPE WIDTH 11381 OAK DECIDUOUS TREE 14" 11382 OAK DECIDUOUS TREE 12" 9454 PINE CONIFEROUS TREE 12"
11655 MAPLE DECIDUOUS TREE 10" 11707 MAPLE DECIDUOUS TREE 10" 11763 MAPLE DECIDUOUS TREE 8" 11659 MAPLE DECIDUOUS TREE 14" 11708 MAPLE DECIDUOUS TREE 12" 11764 MAPLE DECIDUOUS TREE 10"	11809 MAPLE DECIDUOUS TREE 12" 11860 MAPLE DECIDUOUS TREE 10" 11899 MAPLE DECIDUOUS TREE 10" 11942 MAPLE DECIDUOUS TREE 10" 12000 MAPLE DECIDUOUS TREE 10"	CIDUOUS TREE 24" 12037 MAPLE DECIDUOUS TREE 8" 11080 OAK DECIDUOUS TREE 12" 11260	DAK DECIDUOUS TREE 14" 11383 OAK DECIDUOUS TREE 12" 9586 PINE CONIFEROUS TREE 8" 11385 OAK DECIDUOUS TREE 18" 11001 PINE CONIFEROUS TREE 10"
11660 MAPLE DECIDUOUS TREE 14" 11709 MAPLE DECIDUOUS TREE 12" 11765 MAPLE DECIDUOUS TREE 10" 11661 MAPLE DECIDUOUS TREE 10" 11710 MAPLE DECIDUOUS TREE 12" 11766 MAPLE DECIDUOUS TREE 12"	11812 MAPLE DECIDUOUS TREE 12" 11863 MAPLE DECIDUOUS TREE 10" 11902 MAPLE DECIDUOUS TREE 12" 11945 MAPLE DECIDUOUS TREE 10" 12005 MAPLE DECIDUOUS TREE 10"	CIDUOUS TREE 12" 12040 MAPLE DECIDUOUS TREE 8" 11084 OAK DECIDUOUS TREE 14" 11263	DAK DECIDUOUS TREE 14" 11391 OAK DECIDUOUS TREE 14" 11029 PINE CONIFEROUS TREE 10" DAK DECIDUOUS TREE 12" 11396 OAK DECIDUOUS TREE 12" 11030 PINE CONIFEROUS TREE 10"
11662 MAPLE DECIDUOUS TREE 10" 11711 MAPLE DECIDUOUS TREE 12" 11767 MAPLE DECIDUOUS TREE 12" 11664 MAPLE DECIDUOUS TREE 8" 11714 MAPLE DECIDUOUS TREE 8" 11768 MAPLE DECIDUOUS TREE 12" 11667 MAPLE DECIDUOUS TREE 12" 11715 MAPLE DECIDUOUS TREE 8" 11769 MAPLE DECIDUOUS TREE 12"	11815 MAPLE DECIDUOUS TREE 12" 11865 MAPLE DECIDUOUS TREE 10" 11905 MAPLE DECIDUOUS TREE 10" 11947 MAPLE DECIDUOUS TREE 10" 12007 MAPLE DECIDUOUS TREE 10"	CIDUOUS TREE 12" 12041 MAPLE DECIDUOUS TREE 8" 11086 OAK DECIDUOUS TREE 12" 11264 CIDUOUS TREE 12" 9403 OAK DECIDUOUS TREE 14" 11087 OAK DECIDUOUS TREE 12" 11266 CIDUOUS TREE 12" 9404 OAK DECIDUOUS TREE 14" 11088 OAK DECIDUOUS TREE 10" 11267	DAK DECIDUOUS TREE 12" 11412 OAK DECIDUOUS TREE 18" 11031 PINE CONIFEROUS TREE 10" DAK DECIDUOUS TREE 18" 11414 OAK DECIDUOUS TREE 28" 11110 PINE CONIFEROUS TREE 10" DAK DECIDUOUS TREE 40" 11416 OAK DECIDUOUS TREE 14" 11123 PINE CONIFEROUS TREE 8"
11668 MAPLE DECIDUOUS TREE 8" 11719 MAPLE DECIDUOUS TREE 10" 11770 MAPLE DECIDUOUS TREE 10" 11771 MAPLE DECIDUOUS TREE 8"	11817 MAPLE DECIDUOUS TREE 12" 11867 MAPLE DECIDUOUS TREE 10" 11907 MAPLE DECIDUOUS TREE 10" 11949 MAPLE DECIDUOUS TREE 10" 12009 MAPLE DECIDUOUS TREE 10"	CIDUOUS TREE 12" 9405 OAK DECIDUOUS TREE 14" 11095 OAK DECIDUOUS TREE 11099 OAK DECIDUOUS TREE 11274	DAK DECIDUOUS TREE 14" 11417 OAK DECIDUOUS TREE 14" 11153 PINE CONIFEROUS TREE 10" 11418 OAK DECIDUOUS TREE 14" 11178 PINE CONIFEROUS TREE 8"
11670 MAPLE DECIDUOUS TREE 8" 11721 MAPLE DECIDUOUS TREE 14" 11772 MAPLE DECIDUOUS TREE 10" 11673 MAPLE DECIDUOUS TREE 10" 11722 MAPLE DECIDUOUS TREE 10" 11774 MAPLE DECIDUOUS TREE 10" 11774 MAPLE DECIDUOUS TREE 10" 11775 MAPLE DECIDUOUS TREE 10" 11777 MAPLE DECIDUOUS TREE 10" 11778 MAPLE DECIDUOUS TREE 10" 11779 MAPLE DECIDUOUS TREE 10" 1	11820 MAPLE DECIDUOUS TREE 12" 11870 MAPLE DECIDUOUS TREE 10" 11910 MAPLE DECIDUOUS TREE 10" 11952 MAPLE DECIDUOUS TREE 10" 12012 MAPLE DECIDUOUS TREE 10"	CCIDUOUS TREE 12" 9417 OAK DECIDUOUS TREE 14" 11101 OAK DECIDUOUS TREE 14" 11284 CCIDUOUS TREE 8" 9418 OAK DECIDUOUS TREE 14" 11102 OAK DECIDUOUS TREE 14" 11285	DAK DECIDUOUS TREE 14" 11419 OAK DECIDUOUS TREE 14" 11179 PINE CONIFEROUS TREE 8" DAK DECIDUOUS TREE 14" 11303 PINE CONIFEROUS TREE 12"
11674 MAPLE DECIDUOUS TREE 10" 11723 MAPLE DECIDUOUS TREE 14" 11775 MAPLE DECIDUOUS TREE 10" 11675 MAPLE DECIDUOUS TREE 14" 11724 MAPLE DECIDUOUS TREE 12" 11776 MAPLE DECIDUOUS TREE 10" 11676 MAPLE DECIDUOUS TREE 10" 11725 MAPLE DECIDUOUS TREE 12" 11778 MAPLE DECIDUOUS TREE 10"	11822 MAPLE DECIDUOUS TREE 14" 11872 MAPLE DECIDUOUS TREE 10" 11912 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 10" 11956 MAPLE DECIDUOUS TREE 12" 12014 MAPLE DECIDUOUS TREE 12" 12" 12" 12" 12" 12" 12" 12" 12" 12"	CIDUOUS TREE 8" 9426 OAK DECIDUOUS TREE 18" 11103 OAK DECIDUOUS TREE 14" 11293 CIDUOUS TREE 12" 9427 OAK DECIDUOUS TREE 14" 11159 OAK DECIDUOUS TREE 10" 11307 CIDUOUS TREE 12" 9430 OAK DECIDUOUS TREE 12" 11165 OAK DECIDUOUS TREE 10" 11312	DAK DECIDUOUS TREE 14" 11431 OAK DECIDUOUS TREE 14" 11326 PINE CONIFEROUS TREE 10" DAK DECIDUOUS TREE 14" 11432 OAK DECIDUOUS TREE 14" 11370 PINE CONIFEROUS TREE 24" DAK DECIDUOUS TREE 12" 11434 OAK DECIDUOUS TREE 24" 11390 PINE CONIFEROUS TREE 10"
11677 MAPLE DECIDUOUS TREE 10" 11726 MAPLE DECIDUOUS TREE 8" 11780 MAPLE DECIDUOUS TREE 8" 11781 MAPLE DECIDUOUS TREE 8" 8" 8" 11781 MAPLE DECIDUOUS TREE 8"	11824 MAPLE DECIDUOUS TREE 10" 11874 MAPLE DECIDUOUS TREE 10" 11914 MAPLE DECIDUOUS TREE 10" 11958 MAPLE DECIDUOUS TREE 8" 12016 MAPLE DECIDUOUS TREE 10" 11958 MAPLE DECIDUOUS TREE 8" 12016 MAPLE DECIDUOUS TREE 10" 11958 MAPLE DECIDUOUS TREE 8" 12016 MAPLE DECIDUOUS TREE 10" 11958 MAPLE DECIDUOUS TREE 8" 12016 MAPLE DECIDUOUS TREE 10" 11958 MAPLE DECIDUOUS TREE 8" 12016 MAPLE DECIDUOUS TREE 10" 11958 MAPLE DECIDUOUS TREE 8" 12016 MAPLE DECIDUOUS TREE 10" 11958 MAPLE DECIDUOUS TREE 8" 12016 MAPLE DECIDUOUS TREE 10" 11958 MAPLE DECIDUOUS TREE 8" 12016 MAPLE DECIDUOUS TREE 10" 11958 MAPLE DECIDUOUS TREE 8" 12016 MAPLE DECIDUOUS TRE	CIDUOUS TREE 8" 9452 OAK DECIDUOUS TREE 12" 11168 OAK DECIDUOUS TREE 12" 11313	DAK DECIDUOUS TREE 12" 11439 OAK DECIDUOUS TREE 14" 11395 PINE CONIFEROUS TREE 8" 14" 11408 PINE CONIFEROUS TREE 8"
11681 MAPLE DECIDUOUS TREE 10" 11728 MAPLE DECIDUOUS TREE 8" 11782 MAPLE DECIDUOUS TREE 8" 11782 MAPLE DECIDUOUS TREE 8" 11783 MAPLE DECIDUOUS TREE 12"	11827 MAPLE DECIDUOUS TREE 10" 11877 MAPLE DECIDUOUS TREE 12" 11917 MAPLE DECIDUOUS TREE 8" 11961 MAPLE DECIDUOUS TREE 8" 12019 MAPLE DECIDUOUS TREE 10" 12019 MAPLE DECIDUOUS TREE 12" 12" 12" 12019 MAPLE DECIDUOUS TREE 12" 12" 12019 MAPLE DECIDUOUS TREE 12" 12" 12" 12019 MAPLE DECIDUOUS TREE 12" 12" 12019 MAPLE DECIDUOUS TREE 12" 12" 12" 12019 MAPLE DECIDUOUS TREE 12" 12" 12" 12019 MAPLE DECIDUOUS TREE 12" 12" 12019 MAPLE DECIDUOUS TREE 12" 12" 12" 12" 12" 12" 12" 12" 12" 12"	CIDUOUS TREE 12" 11002 OAK DECIDUOUS TREE 24" 11171 OAK DECIDUOUS TREE 28" 11316	DAK DECIDUOUS TREE 12" 11453 OAK DECIDUOUS TREE 24" 11410 PINE CONIFEROUS TREE 10" DAK DECIDUOUS TREE 12" 11491 OAK DECIDUOUS TREE 14" 11422 PINE CONIFEROUS TREE 8"
11683 MAPLE DECIDUOUS TREE 10" 11730 MAPLE DECIDUOUS TREE 10" 11784 MAPLE DECIDUOUS TREE 12" 11684 MAPLE DECIDUOUS TREE 10" 11731 MAPLE DECIDUOUS TREE 12" 11785 MAPLE DECIDUOUS TREE 8" 11685 MAPLE DECIDUOUS TREE 10" 11732 MAPLE DECIDUOUS TREE 12" 11786 MAPLE DECIDUOUS TREE 8"	11829 MAPLE DECIDUOUS TREE 12" 11879 MAPLE DECIDUOUS TREE 12" 11919 MAPLE DECIDUOUS TREE 14" 11963 MAPLE DECIDUOUS TREE 8" 12021 MAPLE DECIDUOUS TREE 14"	CIDUOUS TREE 12" 11004 OAK DECIDUOUS TREE 14" 11173 OAK DECIDUOUS TREE 24" 11319	DAK DECIDUOUS TREE 12" 11570 OAK DECIDUOUS TREE 24" 11425 PINE CONIFEROUS TREE 10" DAK DECIDUOUS TREE 12" 11609 OAK DECIDUOUS TREE 36" 11427 PINE CONIFEROUS TREE 10" DAK DECIDUOUS TREE 12" 11640 OAK DECIDUOUS TREE 14" 11428 PINE CONIFEROUS TREE 12"
11686 MAPLE DECIDUOUS TREE 10" 11735 MAPLE DECIDUOUS TREE 10" 11795 MAPLE DECIDUOUS TREE 20" 11688 MAPLE DECIDUOUS TREE 10" 11736 MAPLE DECIDUOUS TREE 10" 11796 MAPLE DECIDUOUS TREE 20"			DAK DECIDUOUS TREE 12" 11651 OAK DECIDUOUS TREE 14" 11438 PINE CONIFEROUS TREE 8" DAK DECIDUOUS TREE 12" 11652 OAK DECIDUOUS TREE 14" 11442 PINE CONIFEROUS TREE 10"
11691 MAPLE DECIDUOUS TREE 12" 11737 MAPLE DECIDUOUS TREE 10" 11797 MAPLE DECIDUOUS TREE 20" 11692 MAPLE DECIDUOUS TREE 12" 11741 MAPLE DECIDUOUS TREE 12" 11798 MAPLE DECIDUOUS TREE 12" 11693 MAPLE DECIDUOUS TREE 12" 11742 MAPLE DECIDUOUS TREE 12" 11799 MAPLE DECIDUOUS TREE 12"	11838 MAPLE DECIDUOUS TREE 12" 11888 MAPLE DECIDUOUS TREE 14" 11924 MAPLE DECIDUOUS TREE 12" 11969 MAPLE DECIDUOUS TREE 10" 12026 MAPLE DECIDUOUS TREE 10"	CIDUOUS TREE 12" 11012 OAK DECIDUOUS TREE 24" 11190 OAK DECIDUOUS TREE 18" 11329	DAK DECIDUOUS TREE 12" 11671 OAK DECIDUOUS TREE 14" 11444 PINE CONIFEROUS TREE 10" DAK DECIDUOUS TREE 14" 11687 OAK DECIDUOUS TREE 14" 11445 PINE CONIFEROUS TREE 10" DAK DECIDUOUS TREE 14" 11739 OAK DECIDUOUS TREE 14" 11447 PINE CONIFEROUS TREE 12"
11694 MAPLE DECIDUOUS TREE 12 11742 MAPLE DECIDUOUS TREE 12 11799 MAPLE DECIDUOUS TREE 12 11694 MAPLE DECIDUOUS TREE 12 11744 MAPLE DECIDUOUS TREE 12 11800 MAPLE DECIDUOUS TREE 12 11695 MAPLE DECIDUOUS TREE 12 11745 MAPLE DECIDUOUS TREE 8 11801 MAPLE DECIDUOUS TREE 12 12 11745 MAPLE DECIDUOUS TREE 12 11801 MAPLE DECIDUOUS TREE 12 12 12 12 12 12 12 12 12 12 12 12 12	11842 MAPLE DECIDUOUS TREE 14" 11890 MAPLE DECIDUOUS TREE 10" 11927 MAPLE DECIDUOUS TREE 10" 11971 MAPLE DECIDUOUS TREE 10" 12028 MAPLE DECIDUOUS TREE 10" 12028 MAPLE DECIDUOUS TREE 10" 12028 MAPLE DECIDUOUS TREE 10" 11971 MAPLE DECIDUOUS TREE 10" 12028 MAPLE DECIDUOUS TREE 10"	CIDUOUS TREE 10" 11026 OAK DECIDUOUS TREE 12" 11194 OAK DECIDUOUS TREE 24" 11341	DAK DECIDUOUS TREE 14" 11787 OAK DECIDUOUS TREE 14" 11459 PINE CONIFEROUS TREE 12" 11787 OAK DECIDUOUS TREE 18" 11459 PINE CONIFEROUS TREE 10" DAK DECIDUOUS TREE 12" 11466 PINE CONIFEROUS TREE 10"
11698 MAPLE DECIDUOUS TREE 10" 11747 MAPLE DECIDUOUS TREE 10" 11802 MAPLE DECIDUOUS TREE 12" 11700 MAPLE DECIDUOUS TREE 10" 11749 MAPLE DECIDUOUS TREE 10" 11803 MAPLE DECIDUOUS TREE 12"	11844 MAPLE DECIDUOUS TREE 10" 11892 MAPLE DECIDUOUS TREE 12" 11929 MAPLE DECIDUOUS TREE 10" 11973 MAPLE DECIDUOUS TREE 8" 12030 MAPLE DECIDUOUS TREE 14" 11974 MAPLE DECIDUOUS TREE 8" 12031 MAPLE DECIDUOUS TREE 14" 11974 MAPLE DECIDUOUS TREE 8" 12031 MAPLE DECIDUOUS TREE 14" 11974 MAPLE DECIDUOUS TREE 8" 12031 MAPLE DECIDUOUS TREE 150" 12031 MAPLE	CIDUOUS TREE 10" 11042 OAK DECIDUOUS TREE 11043 OAK DECIDUOUS TREE 11197 OAK DECIDUOUS TREE 11198 OAK DECIDUOUS TREE 11343 11344	DAK DECIDUOUS TREE 14" 11789 OAK DECIDUOUS TREE 12" 11467 PINE CONIFEROUS TREE 10" 11790 OAK DECIDUOUS TREE 12" 11474 PINE CONIFEROUS TREE 12"
11701 MAPLE DECIDUOUS TREE 10" 11753 MAPLE DECIDUOUS TREE 8" 11804 MAPLE DECIDUOUS TREE 12" 11702 MAPLE DECIDUOUS TREE 8" 11755 MAPLE DECIDUOUS TREE 8" 11805 MAPLE DECIDUOUS TREE 12" 11703 MAPLE DECIDUOUS TREE 10" 11756 MAPLE DECIDUOUS TREE 10" 11806 MAPLE DECIDUOUS TREE 12"	11856 MAPLE DECIDUOUS TREE 10" 11895 MAPLE DECIDUOUS TREE 10" 11936 MAPLE DECIDUOUS TREE 10" 11996 MAPLE DECIDUOUS TREE 10" 12033 MAPLE DECIDUOUS TREE 10"	CIDUOUS TREE 12" 11052 OAK DECIDUOUS TREE 24" 11200 OAK DECIDUOUS TREE 24" 11347	DAK DECIDUOUS TREE 24" 11791 OAK DECIDUOUS TREE 24" 11475 PINE CONIFEROUS TREE 12" DAK DECIDUOUS TREE 14" 11792 OAK DECIDUOUS TREE 24" 11478 PINE CONIFEROUS TREE 10" DAK DECIDUOUS TREE 24" 11793 OAK DECIDUOUS TREE 24" 11479 PINE CONIFEROUS TREE 10"
TREE CHART TREE CHART TREE CHART	TREE CHART TREE CHART TREE CHART TREE CHART	TREE CHART TREE CHART TREE CHART	TREE CHART
POINT # TREE TYPE WIDTH 11480 PINE CONIFEROUS TREE 10" 11514 PINE CONIFEROUS TREE 10" 11656 PINE CONIFEROUS TREE 12" 11657 PINE CONIFEROUS TREE 12"	POINT # TREE TYPE WIDTH POINT # 11967 TRIP MAPLE DECIDUOUS TREE 14" 11054 TWO TYPE TYPE WIDTH POINT # TREE TYPE WIDTH POINT #		TREE TYPE WIDTH 1115 MAPLE DECIDUOUS TREE 12" 1116 MAPLE DECIDUOUS TREE 12"
11481 PINE CONIFEROUS TREE 10 11520 PINE CONIFEROUS TREE 12 11657 PINE CONIFEROUS TREE 12 11658 PINE CONIFEROUS TREE 12 11658 PINE CONIFEROUS TREE 12 11663 PINE CONIFEROUS TREE 12 11663 PINE CONIFEROUS TREE 10 11529 PINE CONIFEROUS TREE 12 11663 PINE CONIFEROUS TREE 10 11529 PINE CONIFEROUS TREE 12 11663 PINE CONIFEROUS TREE 10 11663 PINE CONIFEROUS TREE	11733 PINE CONIFEROUS TREE 12" 11779 PINE CONIFEROUS TREE 8" 12001 PINE CONIFEROUS TREE 12" 11207 TRIP OAK DECIDUOUS TREE 24" 1113 TW 11734 PINE CONIFEROUS TREE 8" 11831 PINE CONIFEROUS TREE 10" 9559 QUAD MAPLE DECIDUOUS TREE 12" 11492 TRIP OAK DECIDUOUS TREE 28" 11149 TW	IN MAPLE DECIDUOUS TREE 14" 11505 TWIN MAPLE DECIDUOUS TREE 24" 11954 TWIN MAPLE DECIDUOUS TREE 12" 11522 TWIN MAPLE DECIDUOUS TREE 14" 11051 TWIN OAK DECIDUOUS TREE 24"	ONLY INFORMATION AND NOTES RELATED TO THE DEVELOPMENT AND OPERATION OF THE PROPOSED
11489 PINE CONIFEROUS TREE 10" 11530 PINE CONIFEROUS TREE 12" 11665 PINE CONIFEROUS TREE 10" 11495 PINE CONIFEROUS TREE 8" 11531 PINE CONIFEROUS TREE 12" 11666 PINE CONIFEROUS TREE 10"	11740 PINE CONIFEROUS TREE 10" 11835 PINE CONIFEROUS TREE 10" 11298 SEP OAK DECIDUOUS TREE 36" 11649 TRIP OAK DECIDUOUS TREE 36" 11224 TW	IN MAPLE DECIDUOUS TREE 14" 11606 TWIN MAPLE DECIDUOUS TREE 14" 11301 TWIN OAK DECIDUOUS TREE 36" 11743 TWIN MAPLE DECIDUOUS TREE 24" 11378 TWIN OAK DECIDUOUS TREE 28"	WATER SUPPLY & SEWAGE DISPOSAL SYSTEM SHALL BE SUBJECT TO OCDOH REVIEW AND APPROVAL UNDER THIS APPLICATION.
11499PINE CONIFEROUS TREE10"11539PINE CONIFEROUS TREE12"11672PINE CONIFEROUS TREE8"11501PINE CONIFEROUS TREE12"11542PINE CONIFEROUS TREE8"11678PINE CONIFEROUS TREE10"11503PINE CONIFEROUS TREE10"11547PINE CONIFEROUS TREE12"11679PINE CONIFEROUS TREE10"	11748 PINE CONIFEROUS TREE 12" 11839 PINE CONIFEROUS TREE 10" 11021 TRIP MAPLE DECIDUOUS TREE 24" 11938 TRIP OAK DECIDUOUS TREE 36" 11242 TW	IN MAPLE DECIDUOUS TREE 18" 11754 TWIN MAPLE DECIDUOUS TREE 12" 11379 TWIN OAK DECIDUOUS TREE 36" 11 MAPLE DECIDUOUS TREE 12" 11388 TWIN OAK DECIDUOUS TREE 24" 11 MAPLE DECIDUOUS TREE 12" 11635 TWIN OAK DECIDUOUS TREE 40"	NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW
11504 PINE CONIFEROUS TREE 10" 11554 PINE CONIFEROUS TREE 8" 11699 PINE CONIFEROUS TREE 10" 11506 PINE CONIFEROUS TREE 12" 11568 PINE CONIFEROUS TREE 10" 11705 PINE CONIFEROUS TREE 12"	11751 PINE CONIFEROUS TREE 12" 11846 PINE CONIFEROUS TREE 10" 11813 TRIP MAPLE DECIDUOUS TREE 24" 11019 TWIN MAPLE DECIDUOUS TREE 24" 11245 TWIN MAPLE DECIDUOUS TREE 12" 11847 PINE CONIFEROUS TREE 10" 11845 TRIP MAPLE DECIDUOUS TREE 24" 11037 TWIN MAPLE DECIDUOUS TREE 10" 11283 TWI	IN MAPLE DECIDUOUS TREE 14" 11884 TWIN MAPLE DECIDUOUS TREE 24" 11636 TWIN OAK DECIDUOUS TREE 40" 11886 TWIN MAPLE DECIDUOUS TREE 24" 11689 TWIN OAK DECIDUOUS TREE 24"	NOT FOR OCHD REVIEW & APPROVAL
11509 PINE CONIFEROUS TREE 10" 11569 PINE CONIFEROUS TREE 10" 11712 PINE CONIFEROUS TREE 8" 1571 PINE CONIFEROUS TREE 16" 11713 PINE CONIFEROUS TREE 8"	11757 PINE CONIFEROUS TREE 10" 11852 PINE CONIFEROUS TREE 10" 11880 TRIP MAPLE DECIDUOUS TREE 24" 11038 TWIN MAPLE DECIDUOUS TREE 10" 11294 TW	IN MAPLE DECIDUOUS TREE 12" 11887 TWIN MAPLE DECIDUOUS TREE 24" 11690 TWIN OAK DECIDUOUS TREE 24"	ARDEN CONSULTING ENGINEERS, PLLC
44547 DIVE CONFEDENCE TORE		IN MAPLE DECIDUOUS TREE 12" 11904 TWIN MAPLE DECIDUOUS TREE 24" 11697 TWIN OAK DECIDUOUS TREE 24"	
11513 PINE CONIFEROUS TREE 10" 11573 PINE CONIFEROUS TREE 12" 11716 PINE CONIFEROUS TREE 8"		IN MAPLE DECIDUOUS TREE 14" 11925 TWIN MAPLE DECIDUOUS TREE 24" 11932 TWIN OAK DECIDUOUS TREE 36" REVISION BY DATE DESCRIPTION	P.O. BOX 340 MONROE, N.Y. T: 845-782-8114 E: MAM@ARDENCONSULTING.NET
WARNING— IT IS A VIOLATION OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL		IN MAPLE DECIDUOUS TREE 14" 11925 TWIN MAPLE DECIDUOUS TREE 24" 11932 TWIN OAK DECIDUOUS TREE 36"	P.O. BOX 340 MONROE, N.Y.

ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2 ONLY MAPS WITH EMBOSSED SEALS ARE GENUINE COPIES OF THE ORIGINAL WORK AND OPINION. MAPS NOT BEARING EMBOSSED SEALS SHOULD NOT BE RELIED UPON SINCE OTHER THAN EMBOSSED—SEAL COPIES MAY CONTAIN UNAUTHORIZED AND UNDETECTABLE MODIFICATIONS, DELETIONS, ADDITIONS AND CHANGES. 04 MM 02-26-24 ARCHAEOLOGICAL AREA INCLUDED IN CONSERVATION EASEMENT
03 MM 01-29-24 DEIS REVISIONS

02 MM 09-14-23 PER ZBA COMMENTS 01 MM 05-05-23 PER DEIS COMMENTS THIS SHEET IS NOT VALID WITHOUT ALL OF THE SHEETS THAT COMPRISE THE SE

UDIG NY MUST BE CONTACTED PRIOR TO ANY EXCAVATION OR DEMOLITION

MICHAEL A. MORGANTE, P.E. LIC. NO. 78577 COPYRIGHT 2020, ARDEN CONSULTING ENGINEERS, P.L.L.C. - ALL RIGHTS RESERVED

CRAIGVILLE ROAD - TOWN OF BLOOMING GROVE DATE:
ORANGE COUNTY, NY.

AS NOTED DATE:
03-30-23
DRAWN:

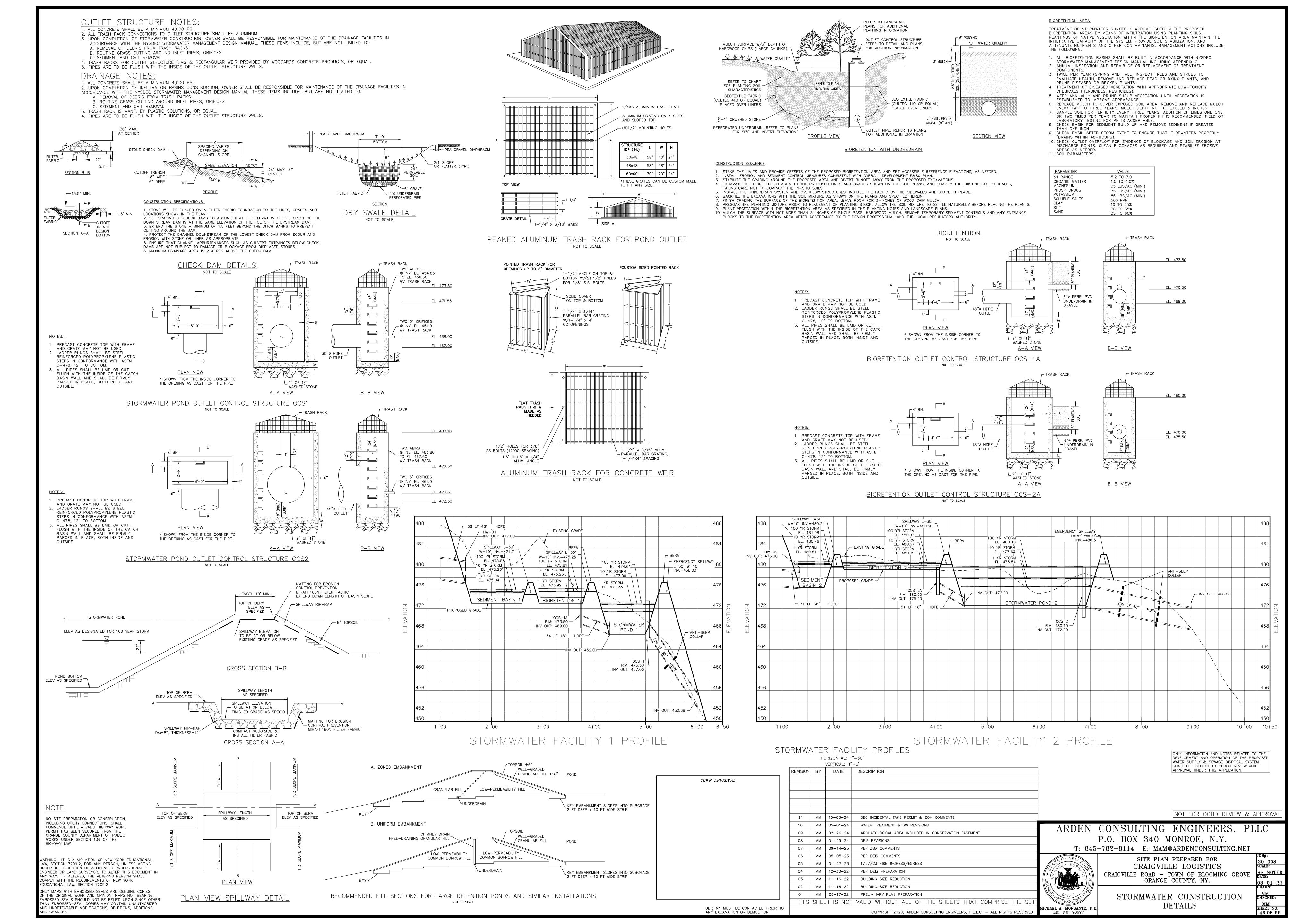
TREE LOCATION &

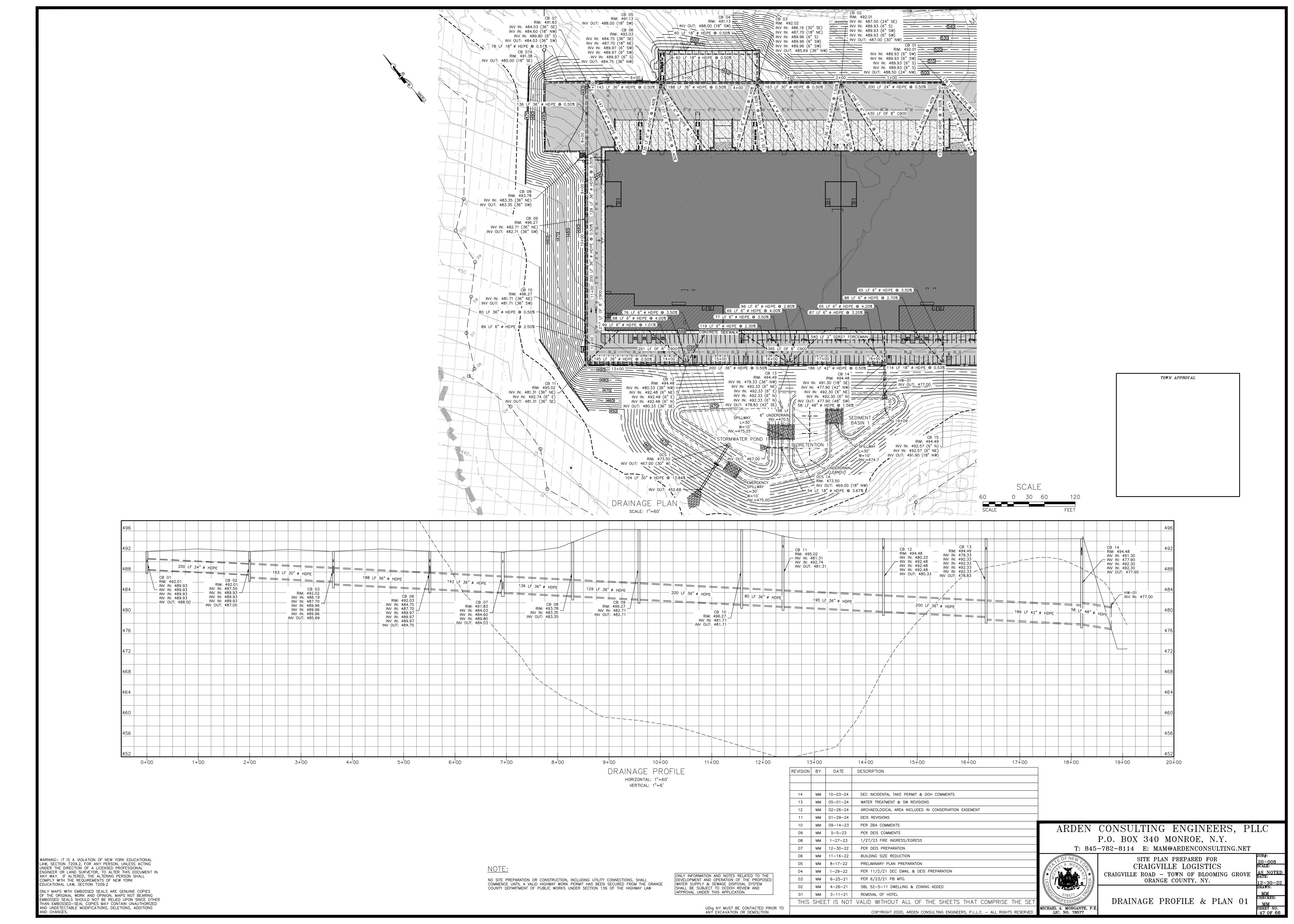
DRAWN:

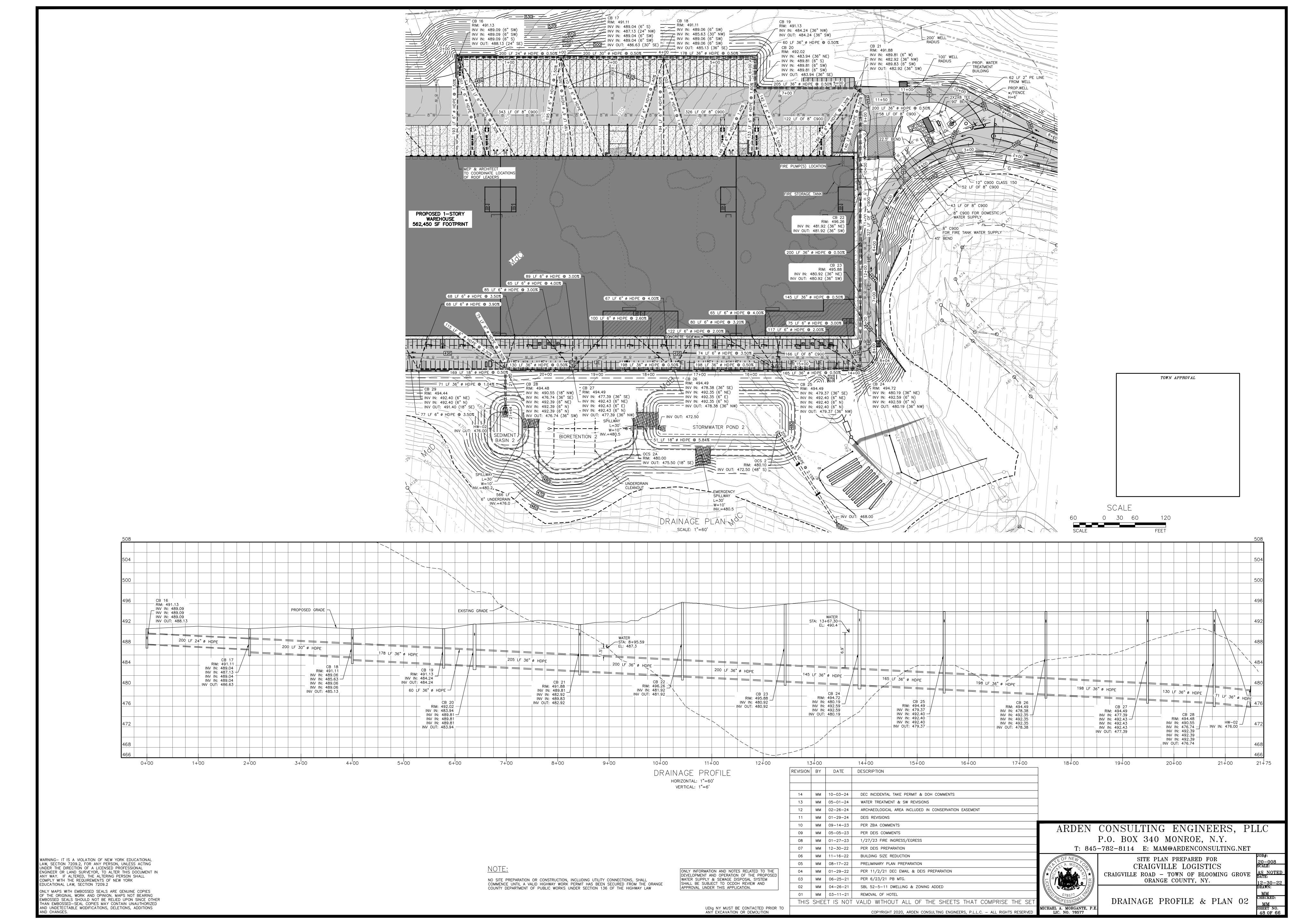
MM
CHECKED:

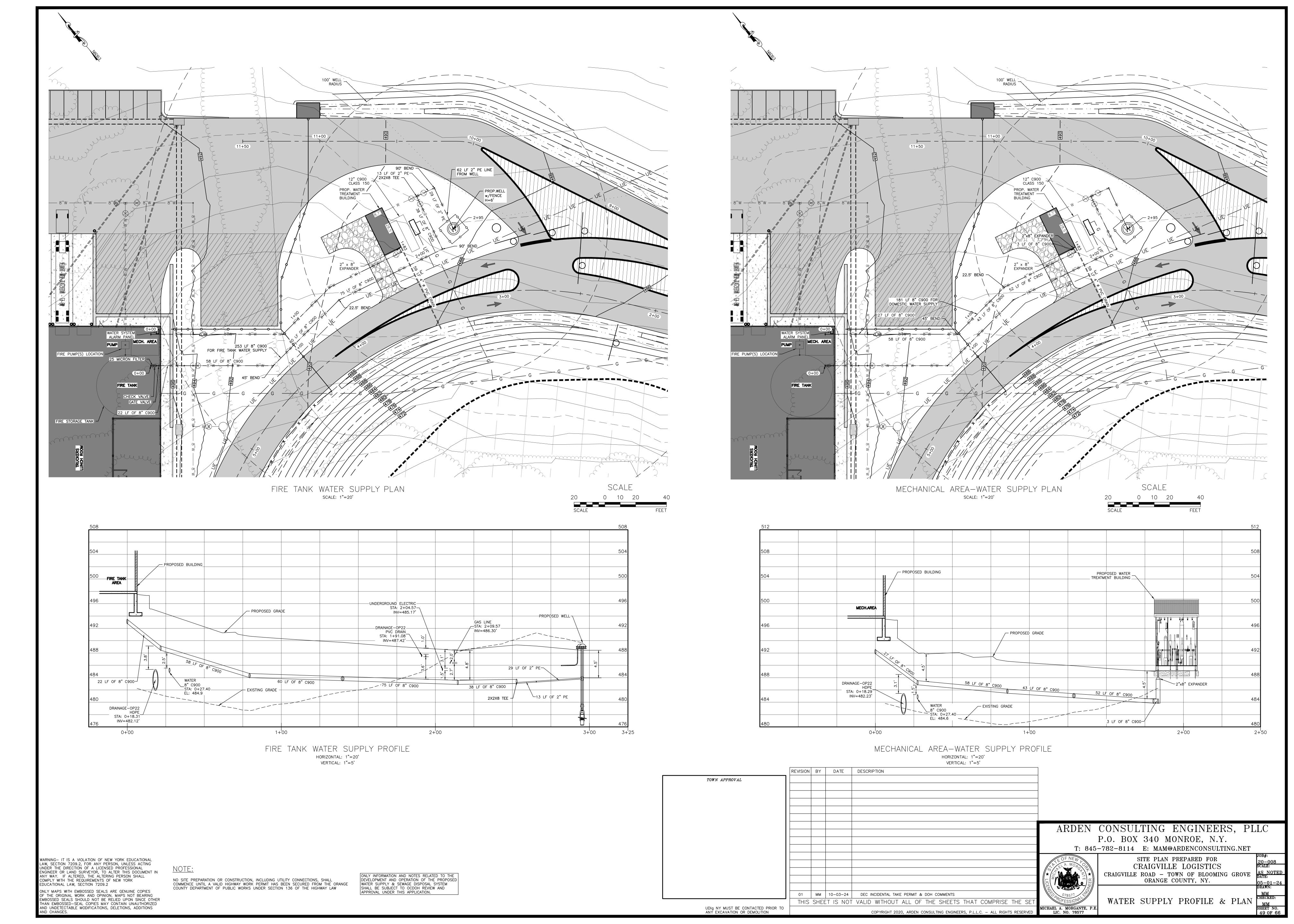
MM
SHEET NO.
45 OF 66

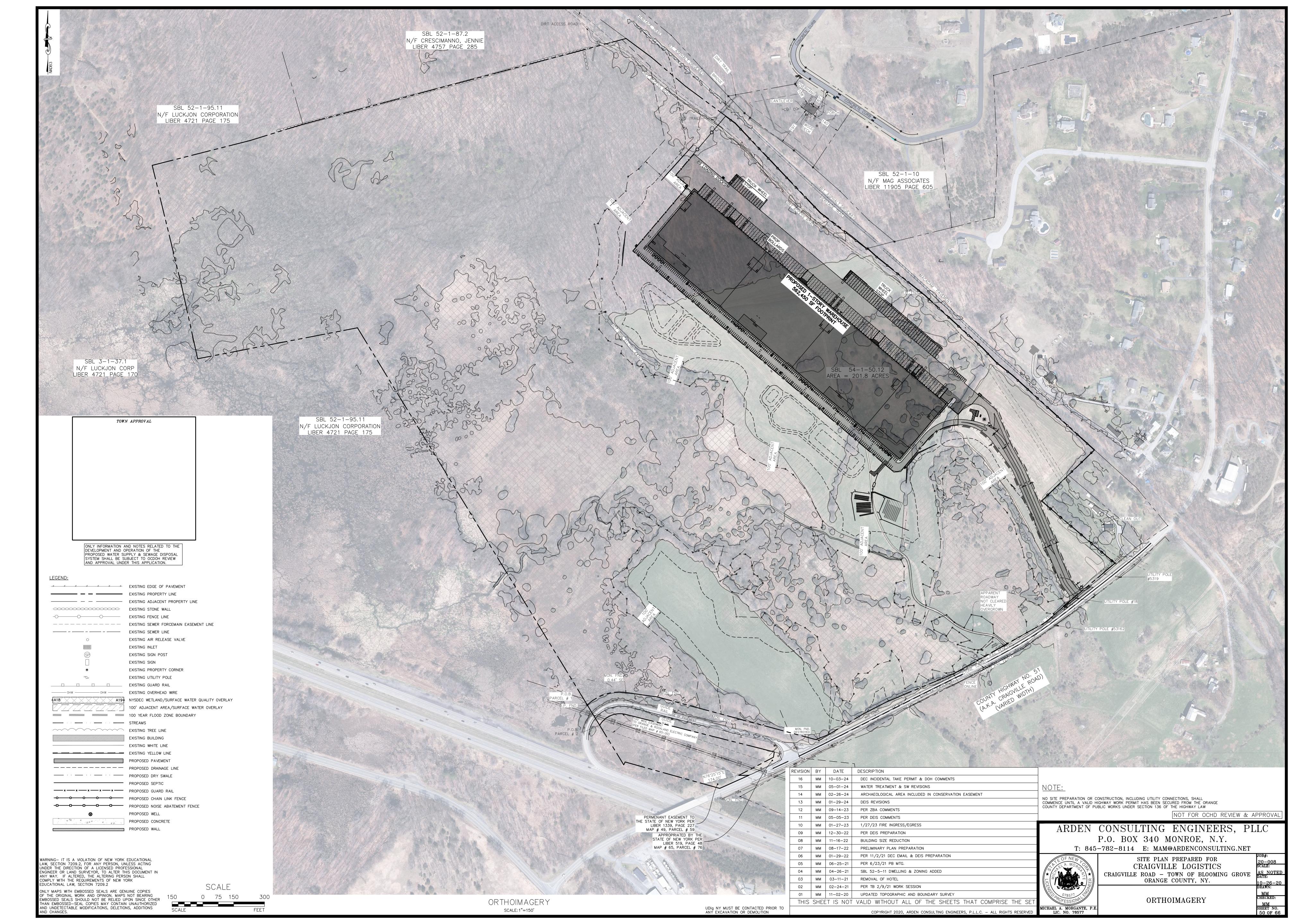
REMOVAL TABLE

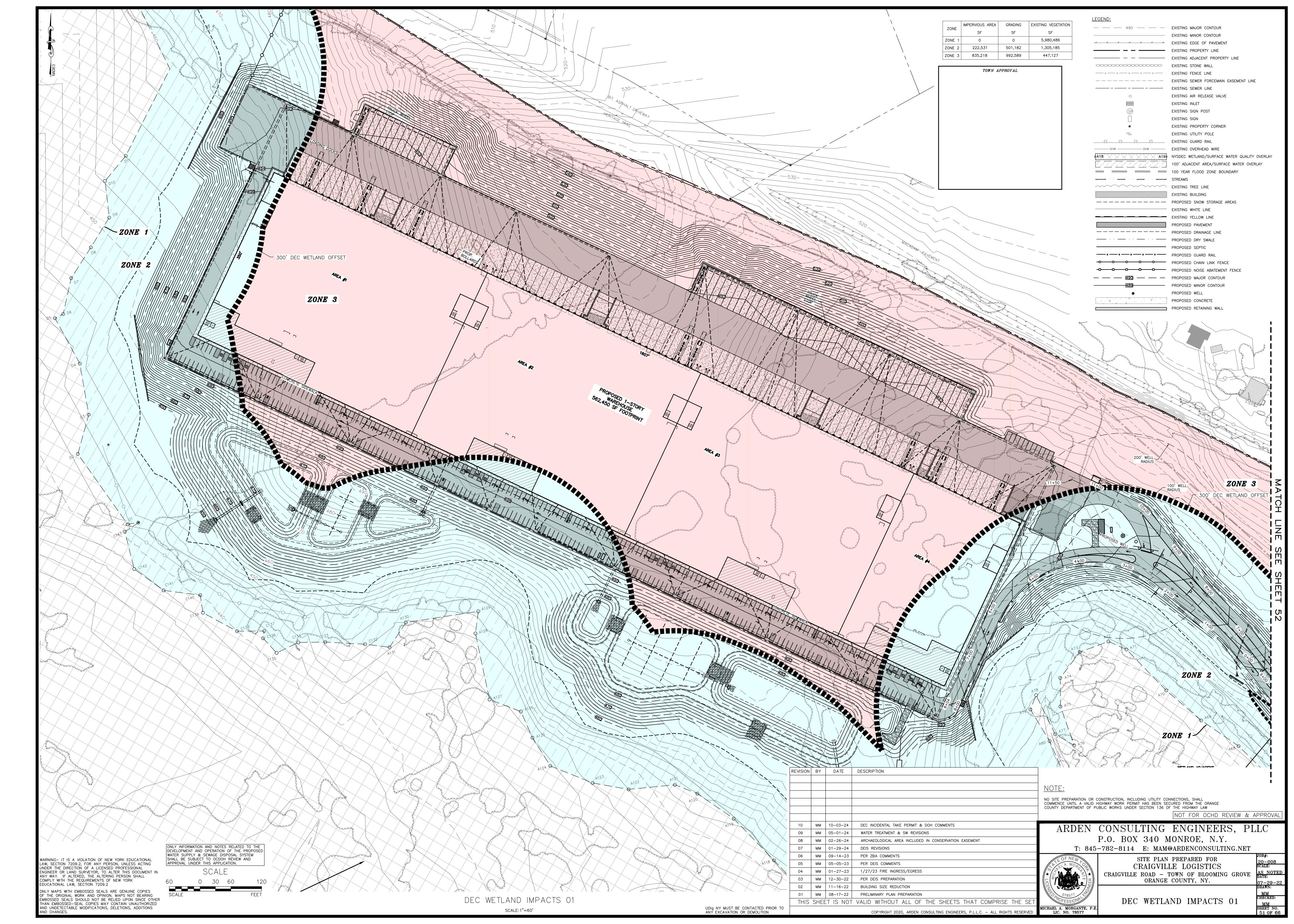


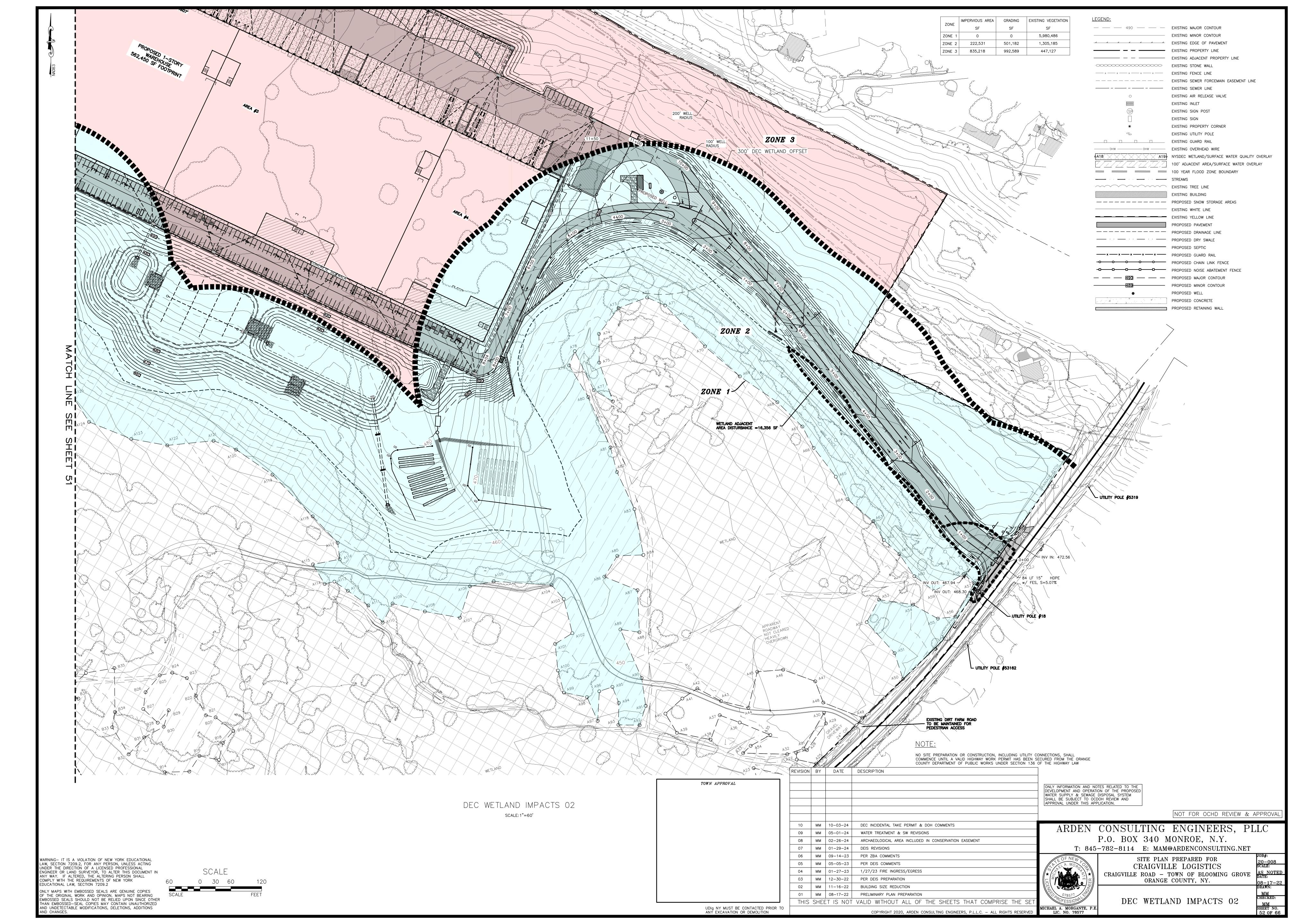


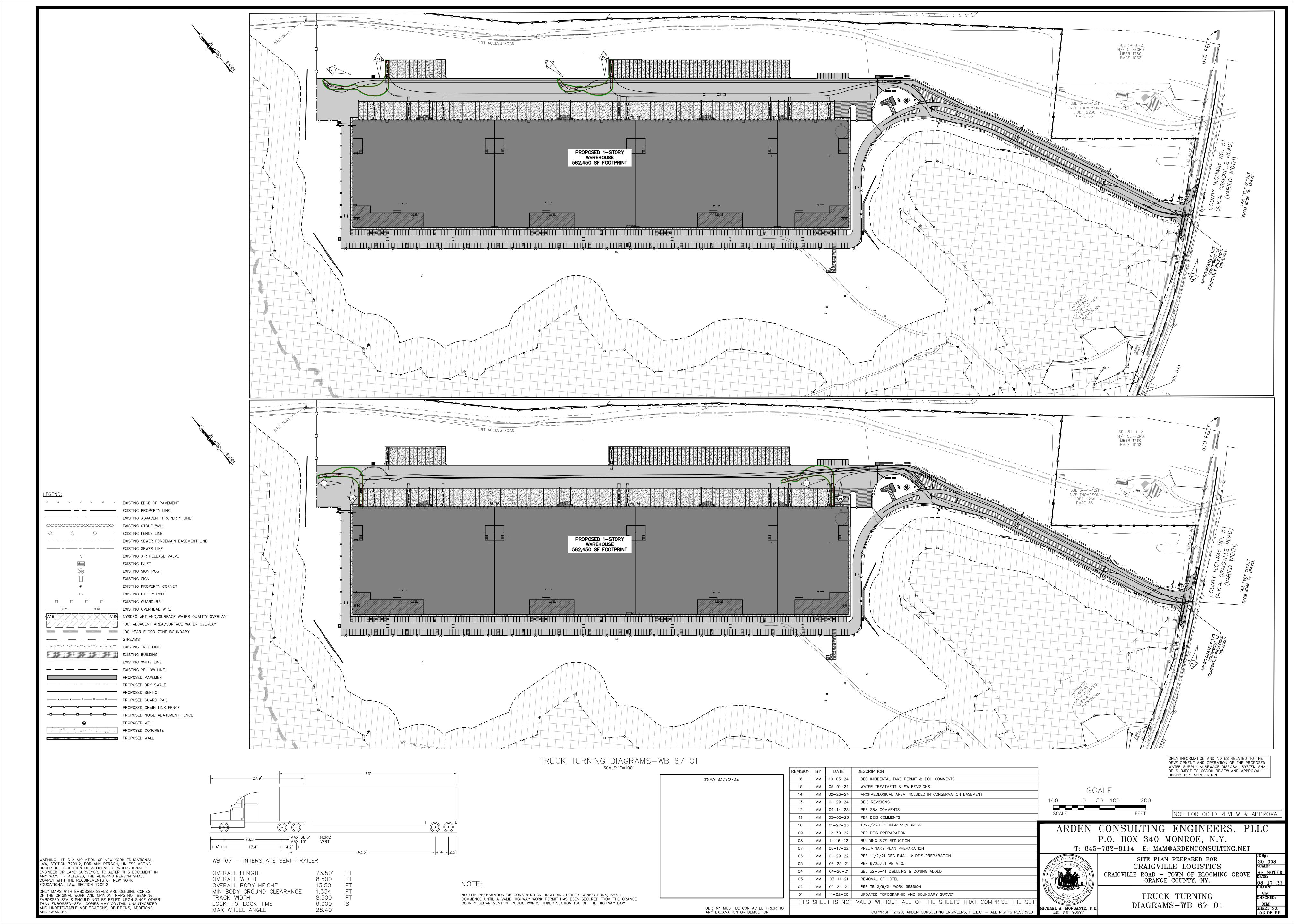


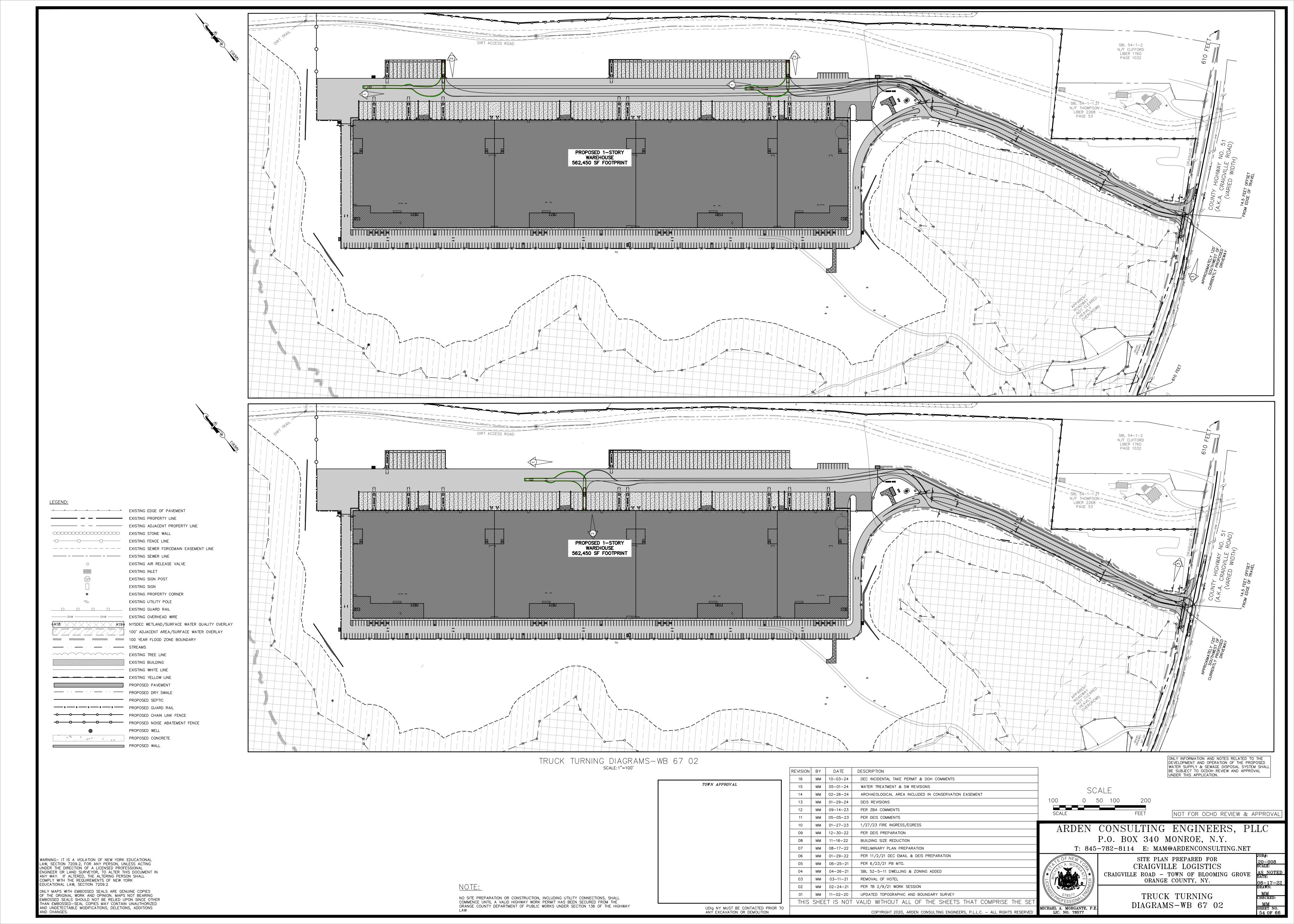


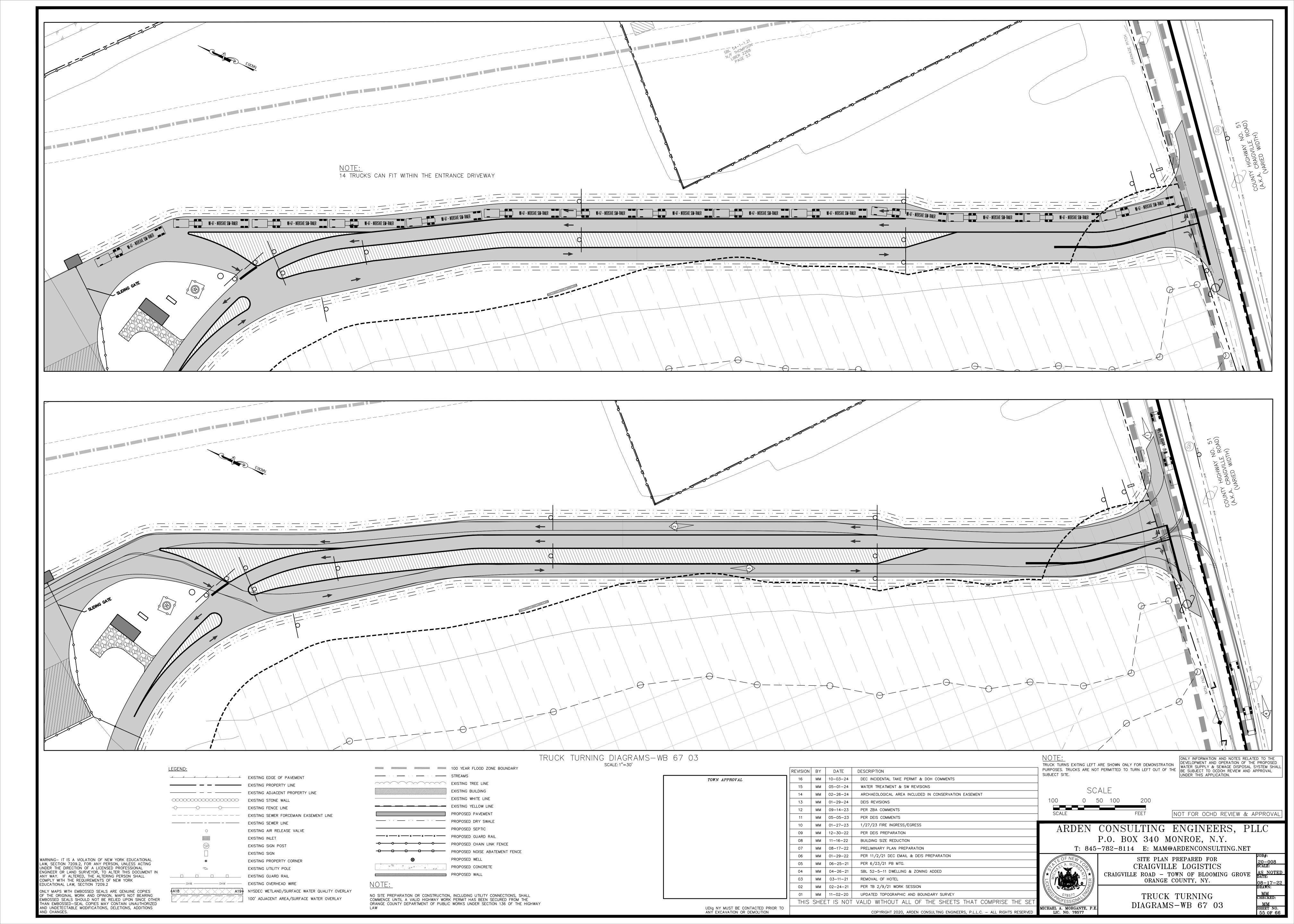


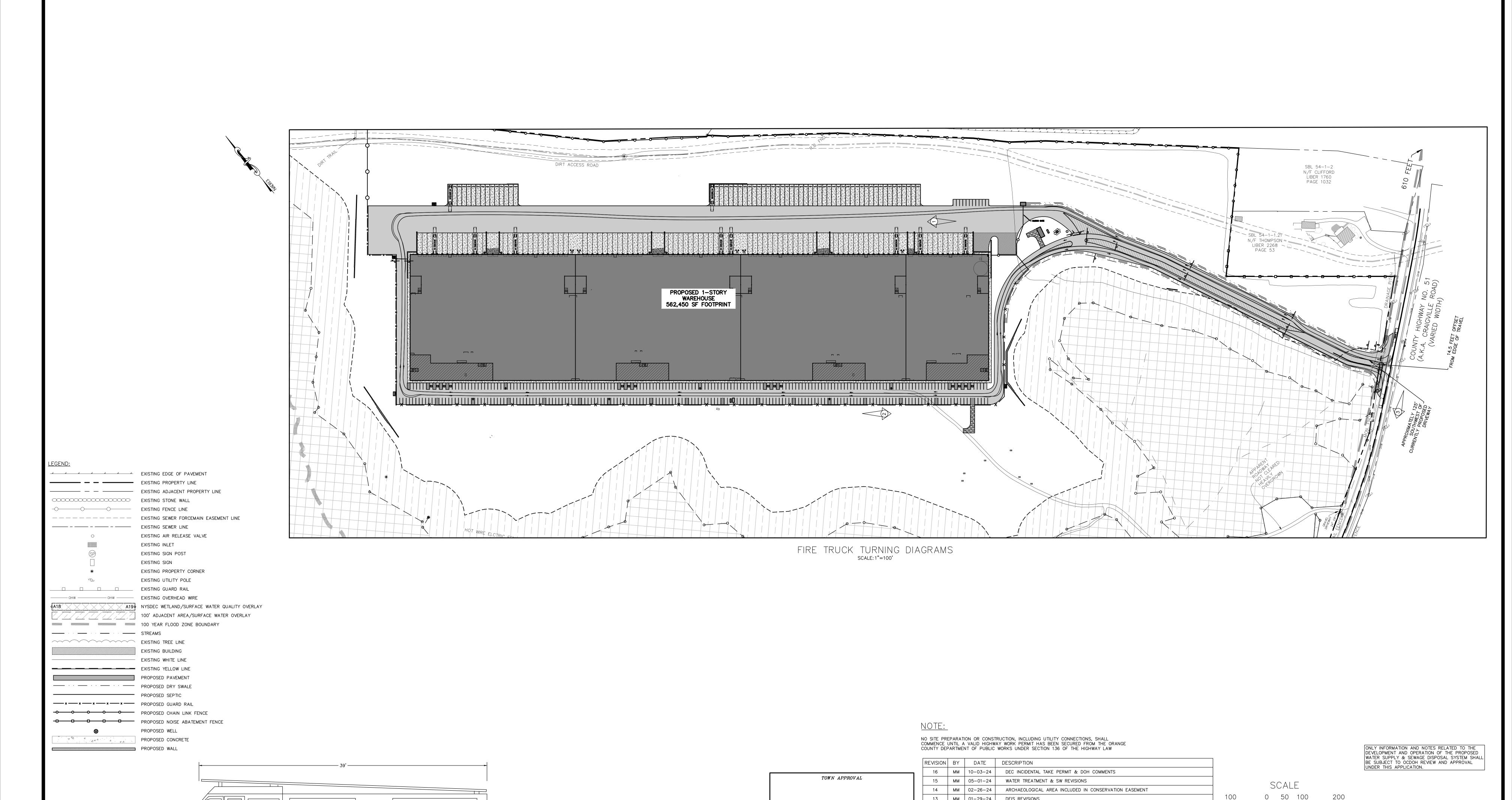












13 MM 01-29-24 DEIS REVISIONS 12 MM 09-14-23 PER ZBA COMMENTS

09 | MM | 12-30-22 |

08 | MM | 11-16-22 |

07 | MM | 08-17-22 |

06 MM 01-29-22

03 | MM | 03-11-21 |

UDIG NY MUST BE CONTACTED PRIOR TO ANY EXCAVATION OR DEMOLITION

11 MM 05-05-23 PER DEIS COMMENTS

05 MM 06-25-21 PER 6/23/21 PB MTG.

10 MM 01-27-23 1/27/23 FIRE INGRESS/EGRESS

02 | MM | 02-24-21 | PER TB 2/9/21 WORK SESSION

04 MM 04-26-21 SBL 52-5-11 DWELLING & ZONING ADDED

REMOVAL OF HOTEL

01 MM 11-02-20 UPDATED TOPOGRAPHIC AND BOUNDARY SURVEY

PER DEIS PREPARATION

BUILDING SIZE REDUCTION

PRELIMINARY PLAN PREPARATION

PER 11/2/21 DEC EMAIL & DEIS PREPARATION

THIS SHEET IS NOT VALID WITHOUT ALL OF THE SHEETS THAT COMPRISE THE SE

COPYRIGHT 2020, ARDEN CONSULTING ENGINEERS, P.L.L.C. — ALL RIGHTS RESERVED

MICHAEL A. MORGANTE, P.E.
LIC. NO. 78577

NOT FOR OCHD REVIEW & APPROVAL

ARDEN CONSULTING ENGINEERS, PLLC

P.O. BOX 340 MONROE, N.Y.

T: 845-782-8114 E: MAM@ARDENCONSULTING.NET

SITE PLAN PREPARED FOR

CRAIGVILLE LOGISTICS

CRAIGVILLE ROAD - TOWN OF BLOOMING GROVE

ORANGE COUNTY, NY.

FIRE TRUCK TURNING DIAGRAMS

7' ----

AERIAL FIRE TRUCK

OVERALL LENGTH

OVERALL BODY HEIGHT

LOCK-TO-LOCK TIME

MAX WHEEL ANGLE

MIN BODY GROUND CLEARANCE

OVERALL WIDTH

TRACK WIDTH

39.000 FT

8.167 FT

7.500 FT

8.167 FT

5.000 S

45.00°

0.750 FT

WARNING- IT IS A VIOLATION OF NEW YORK EDUCATIONAL

LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS ACTING

ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN

ONLY MAPS WITH EMBOSSED SEALS ARE GENUINE COPIES

OF THE ORIGINAL WORK AND OPINION. MAPS NOT BEARING

EMBOSSED SEALS SHOULD NOT BE RELIED UPON SINCE OTHER

THAN EMBOSSED-SEAL COPIES MAY CONTAIN UNAUTHORIZED

AND UNDETECTABLE MODIFICATIONS, DELETIONS, ADDITIONS

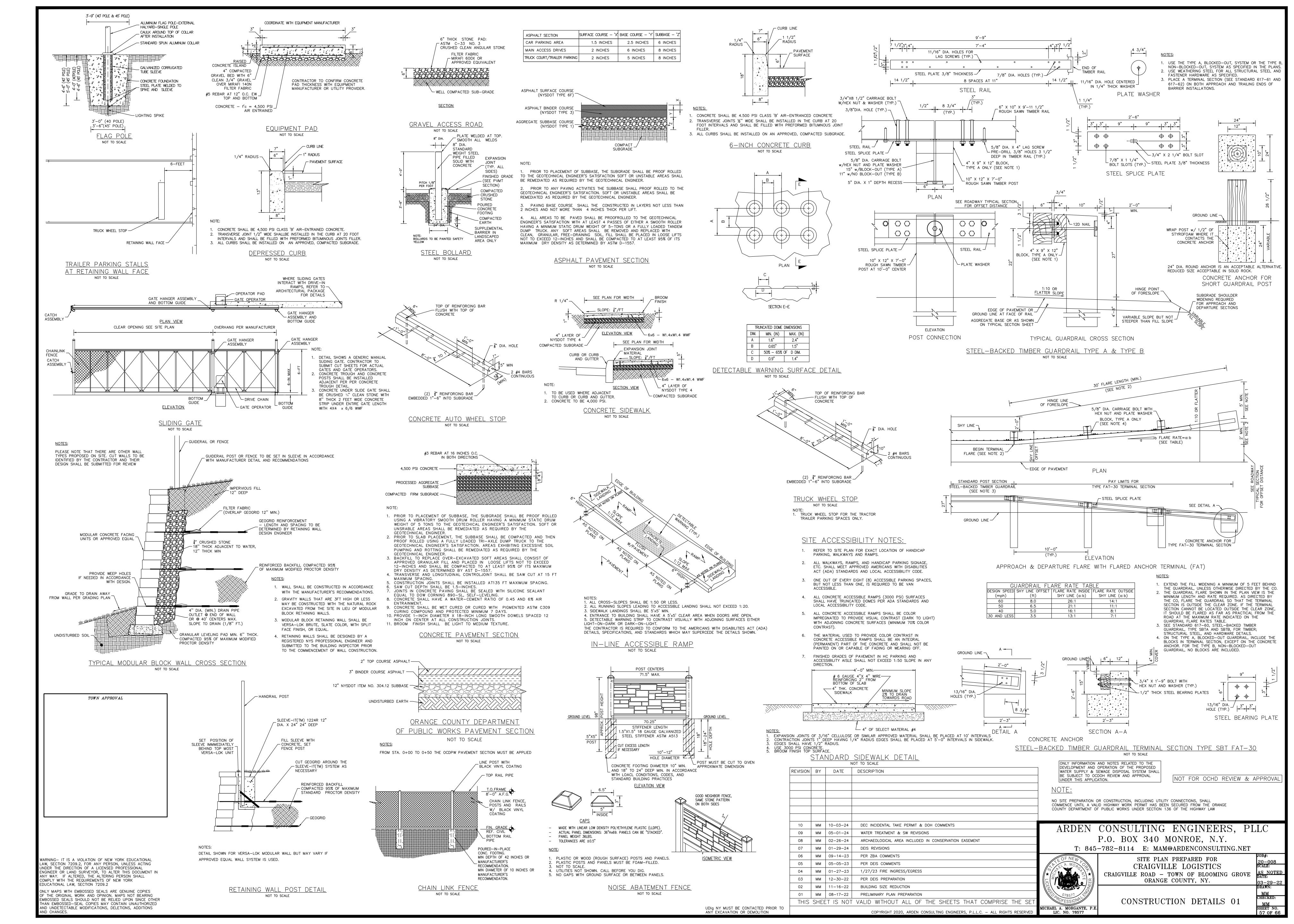
UNDER THE DIRECTION OF A LICENSED PROFESSIONAL

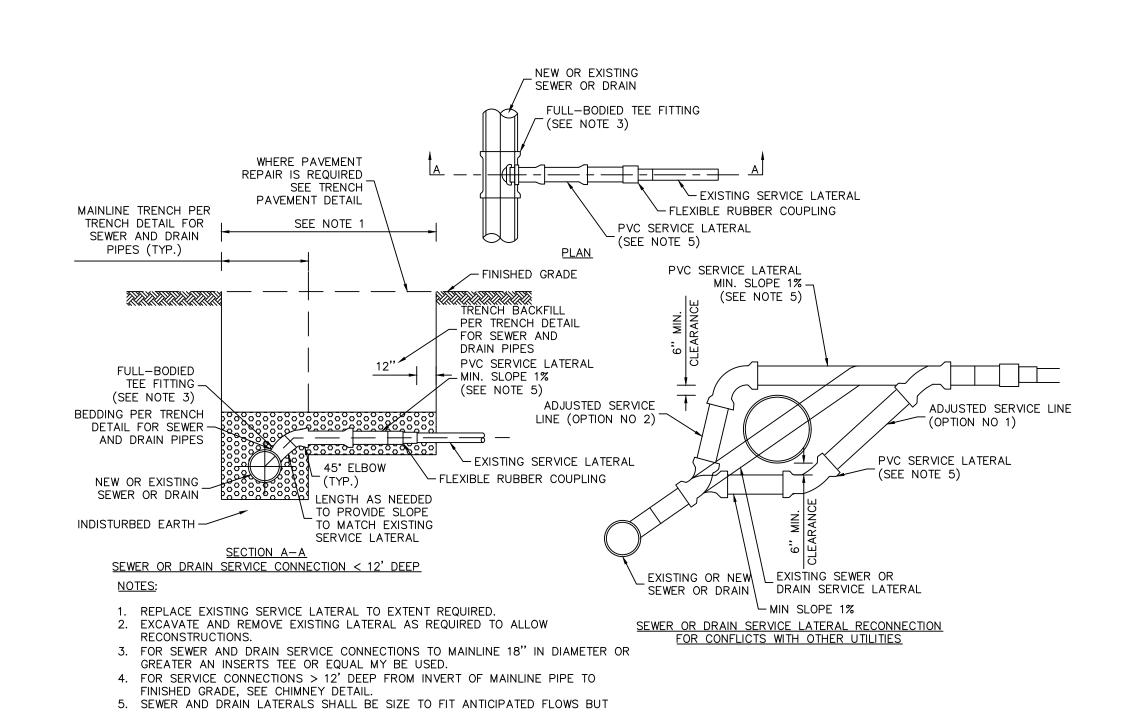
ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL

COMPLY WITH THE REQUIREMENTS OF NEW YORK

EDUCATIONAL LAW, SECTION 7209.2

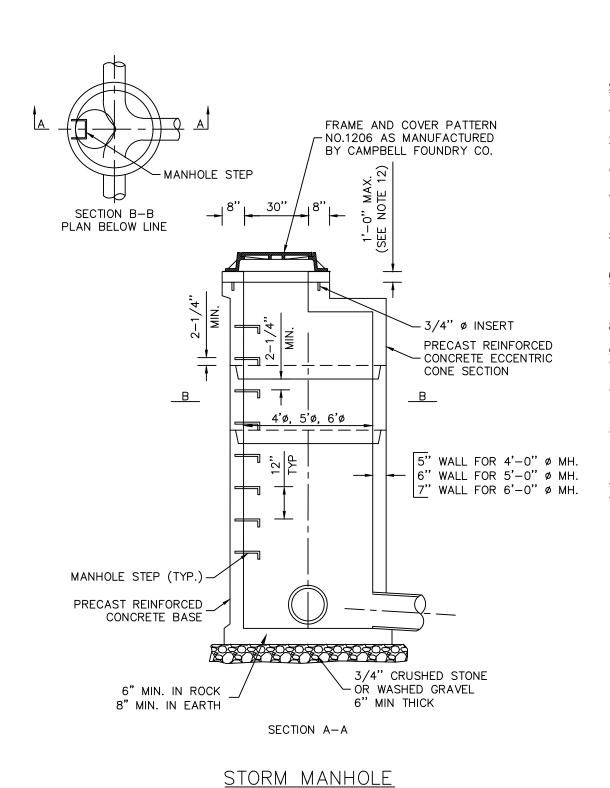
AND CHANGES.



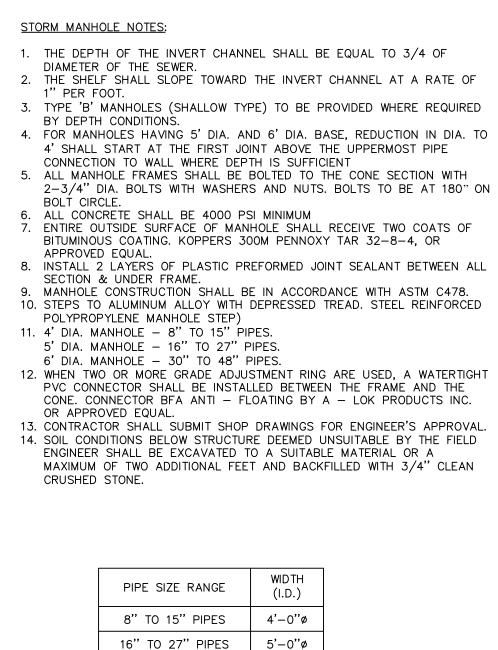


ROOF LEADER CONNECTION

NOT TO SCALE



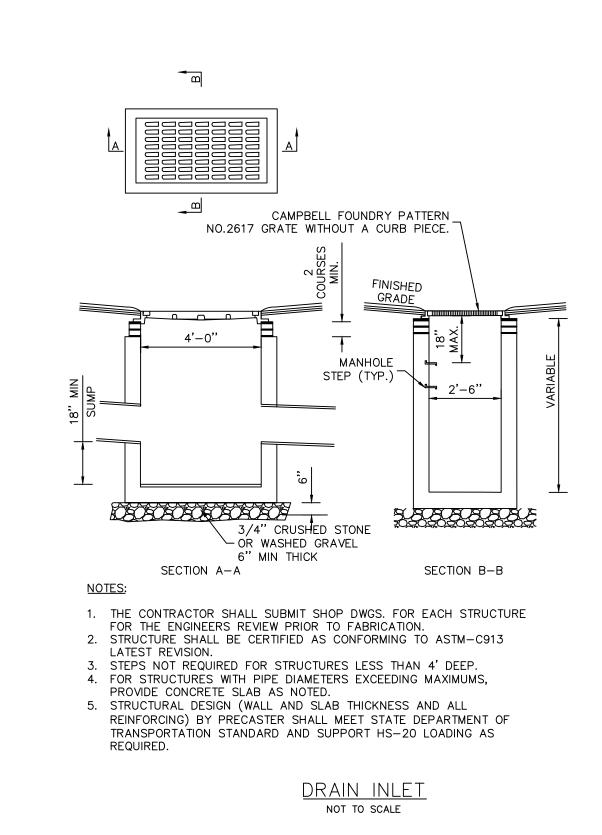
NOT TO SCALE

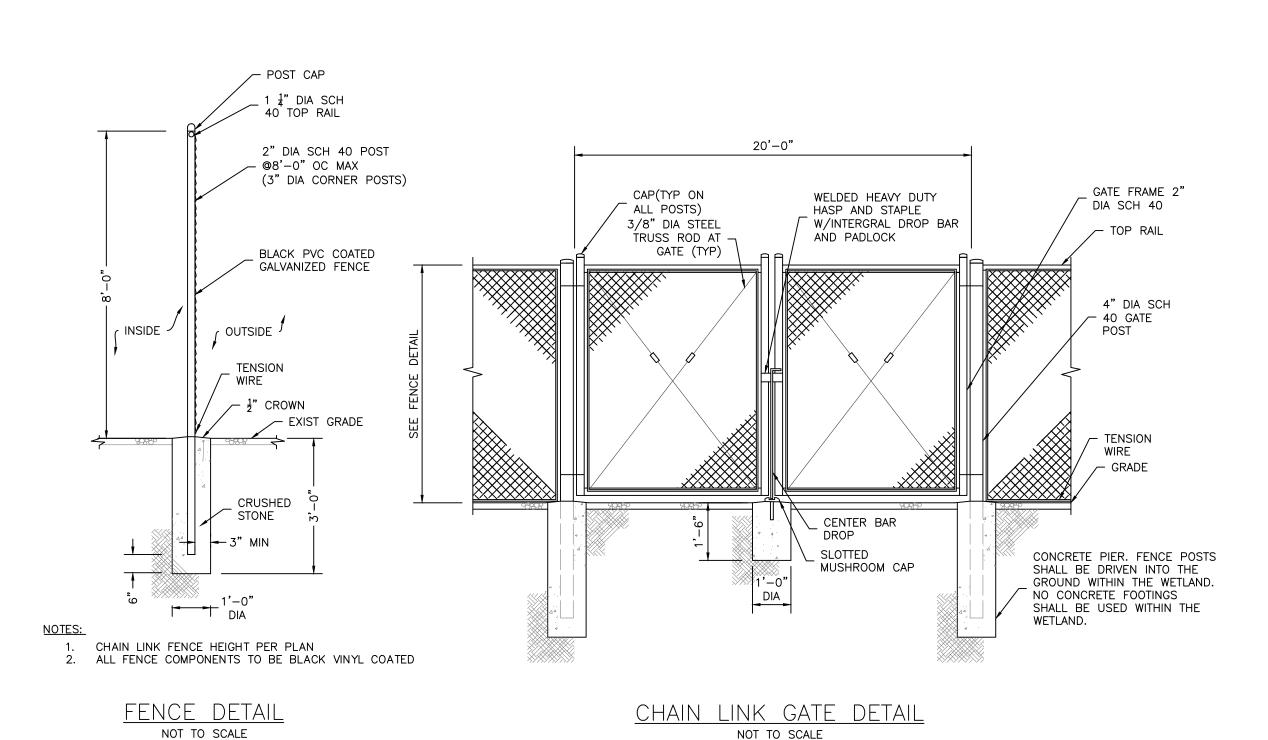


30" TO 48" PIPES 6'-0"ø

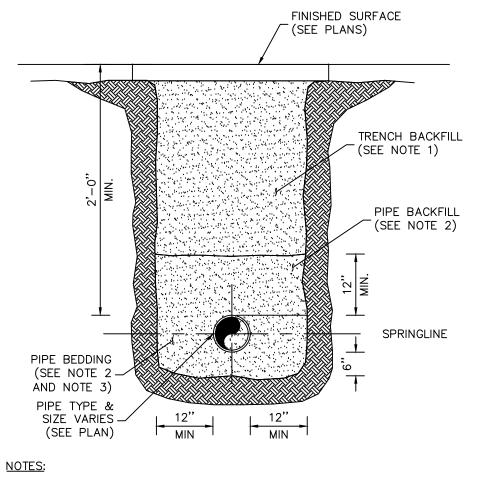
7'-0''ø

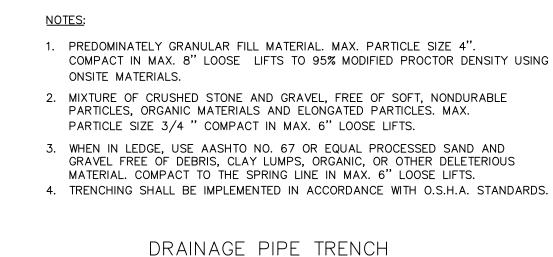
60" PIPES



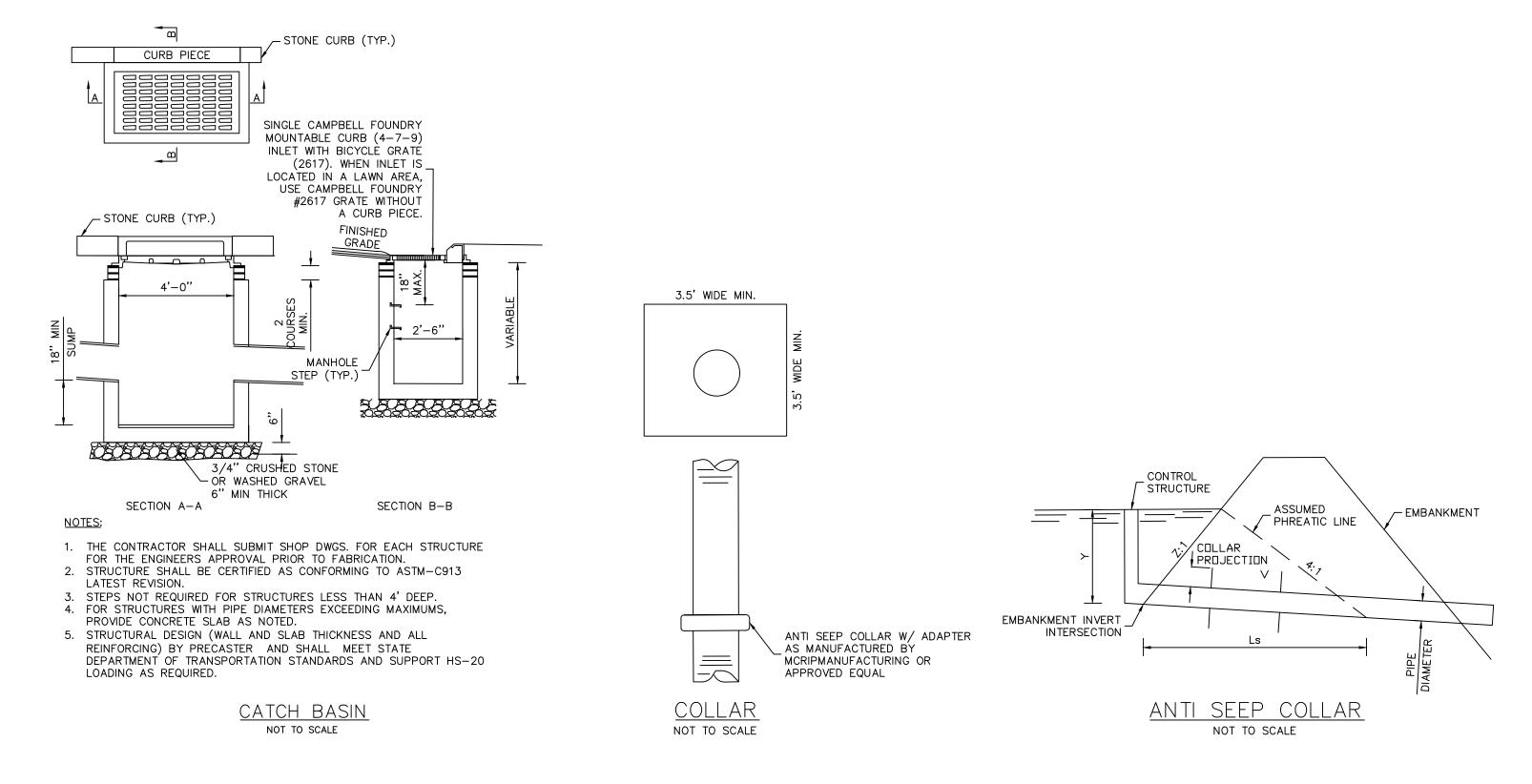


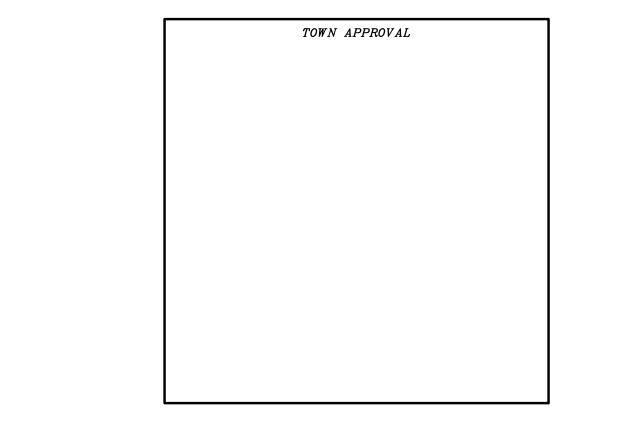
SHALL NOT LESS THAN 6" FOR SEWER SERVICES AND 8" FOR DRAIN SERVICES .

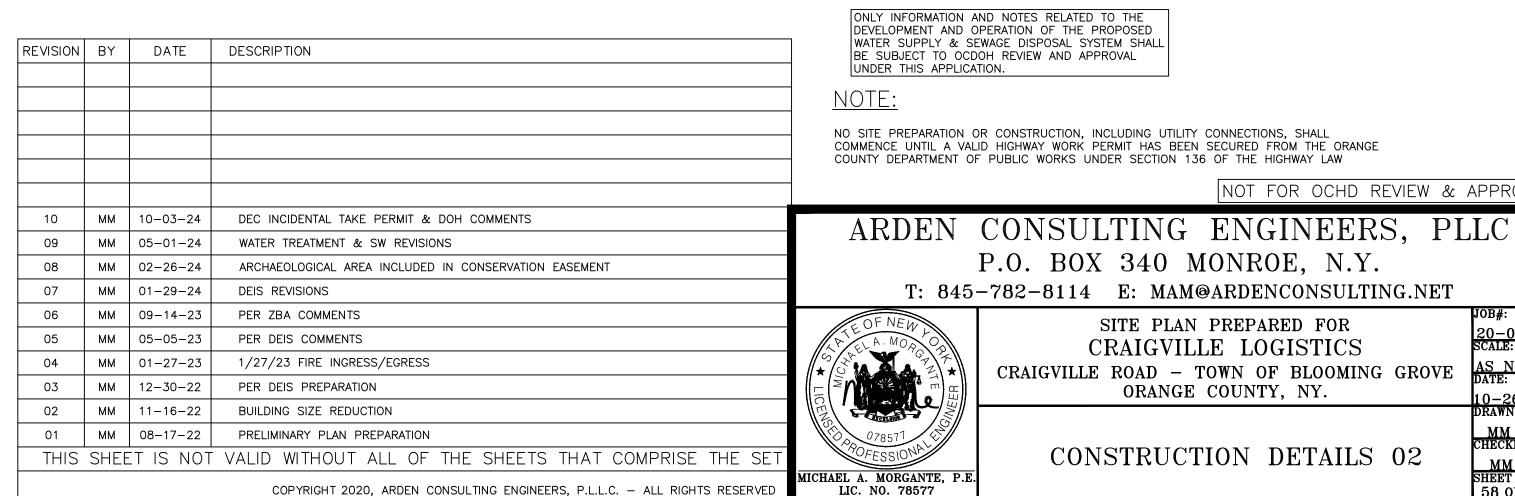




NOT TO SCALE







P.O. BOX 340 MONROE, N.Y. T: 845-782-8114 E: MAM@ARDENCONSULTING.NET SITE PLAN PREPARED FOR CRAIGVILLE LOGISTICS

NOT FOR OCHD REVIEW & APPROVA

MM CHECKED:

ORANGE COUNTY, NY. CONSTRUCTION DETAILS 02

CRAIGVILLE ROAD - TOWN OF BLOOMING GROVE

WARNING- IT IS A VIOLATION OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2 ONLY MAPS WITH EMBOSSED SEALS ARE GENUINE COPIES OF THE ORIGINAL WORK AND OPINION. MAPS NOT BEARING EMBOSSED SEALS SHOULD NOT BE RELIED UPON SINCE OTHER

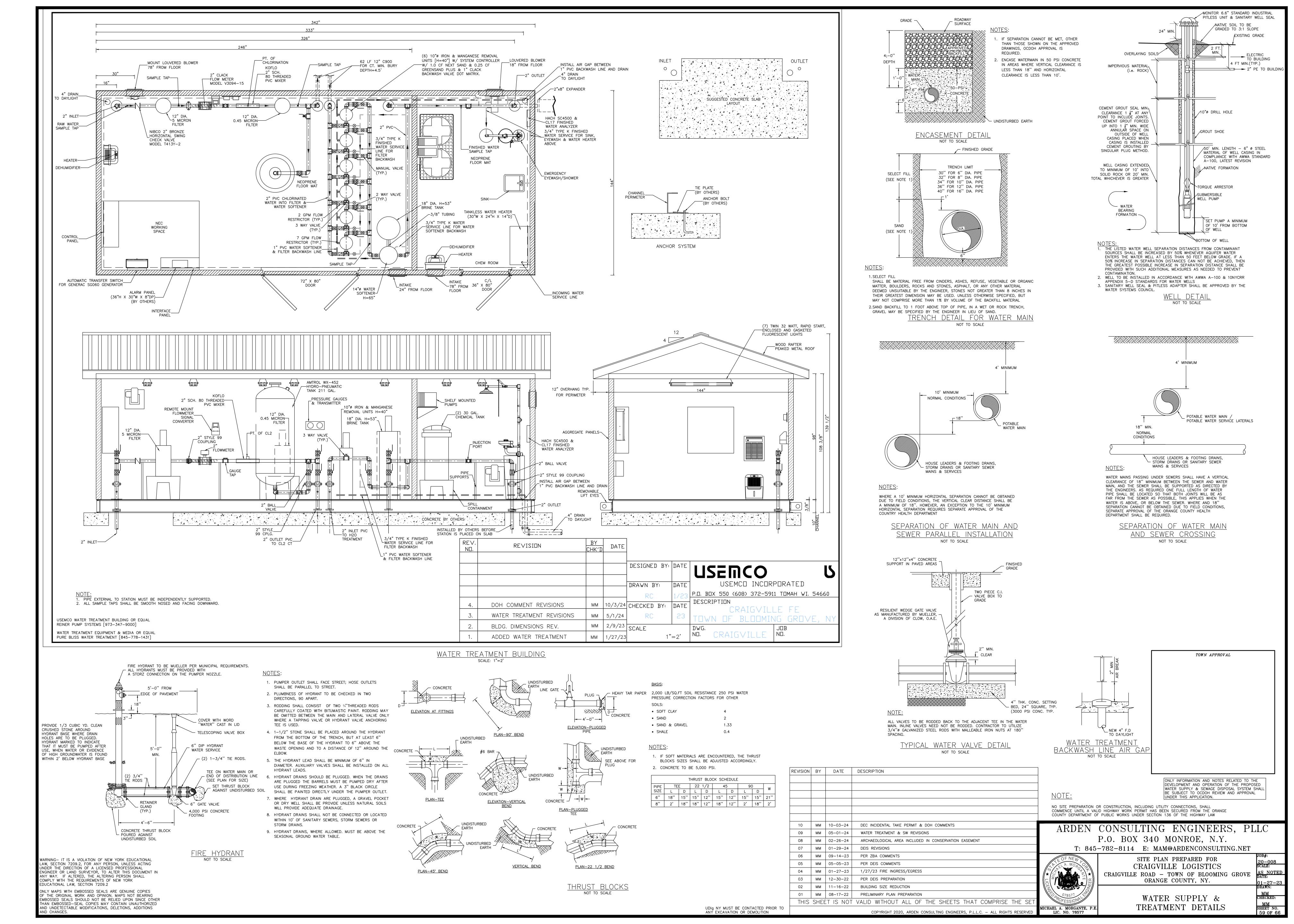
THAN EMBOSSED-SEAL COPIES MAY CONTAIN UNAUTHORIZED

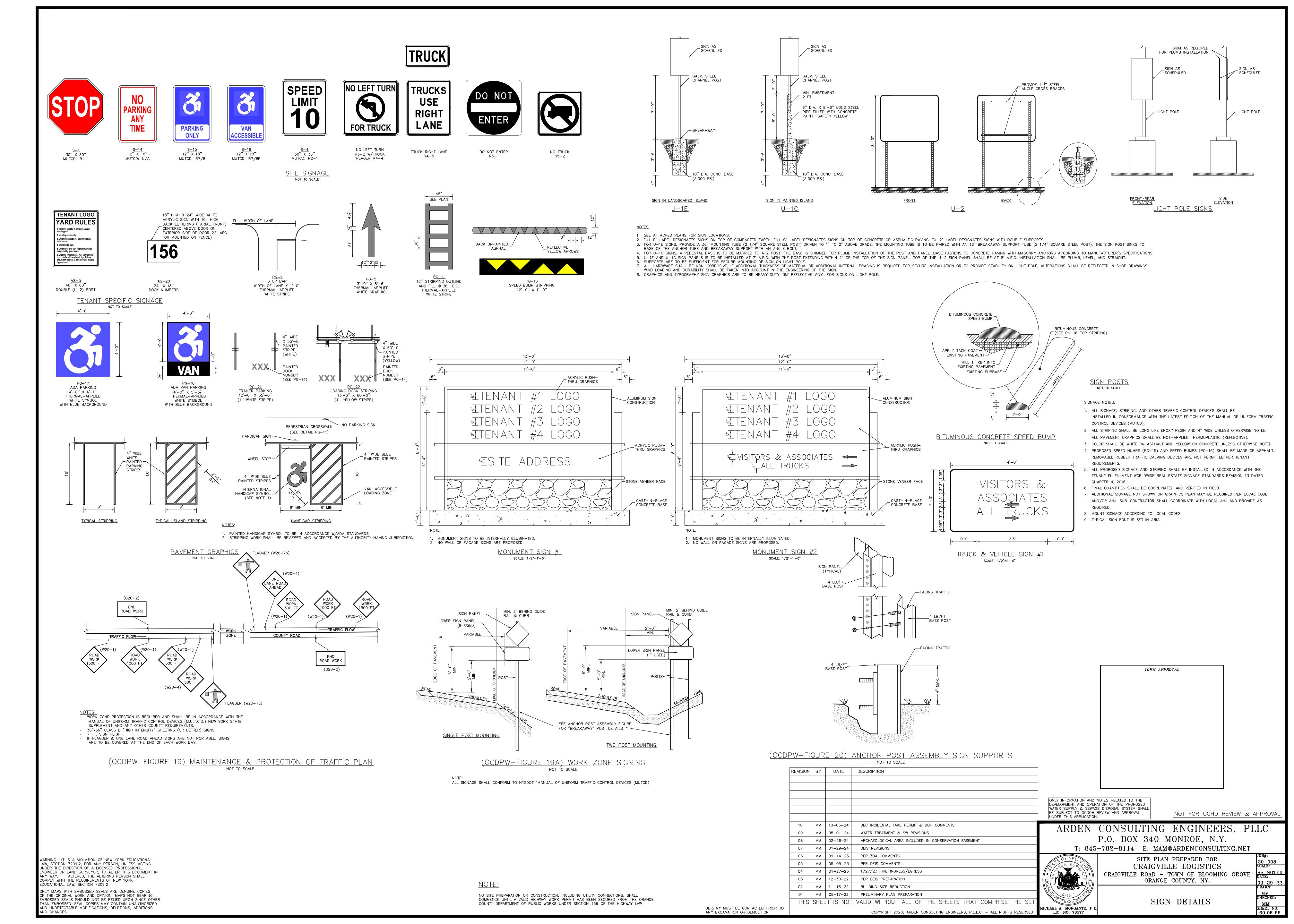
AND UNDETECTABLE MODIFICATIONS, DELETIONS, ADDITIONS

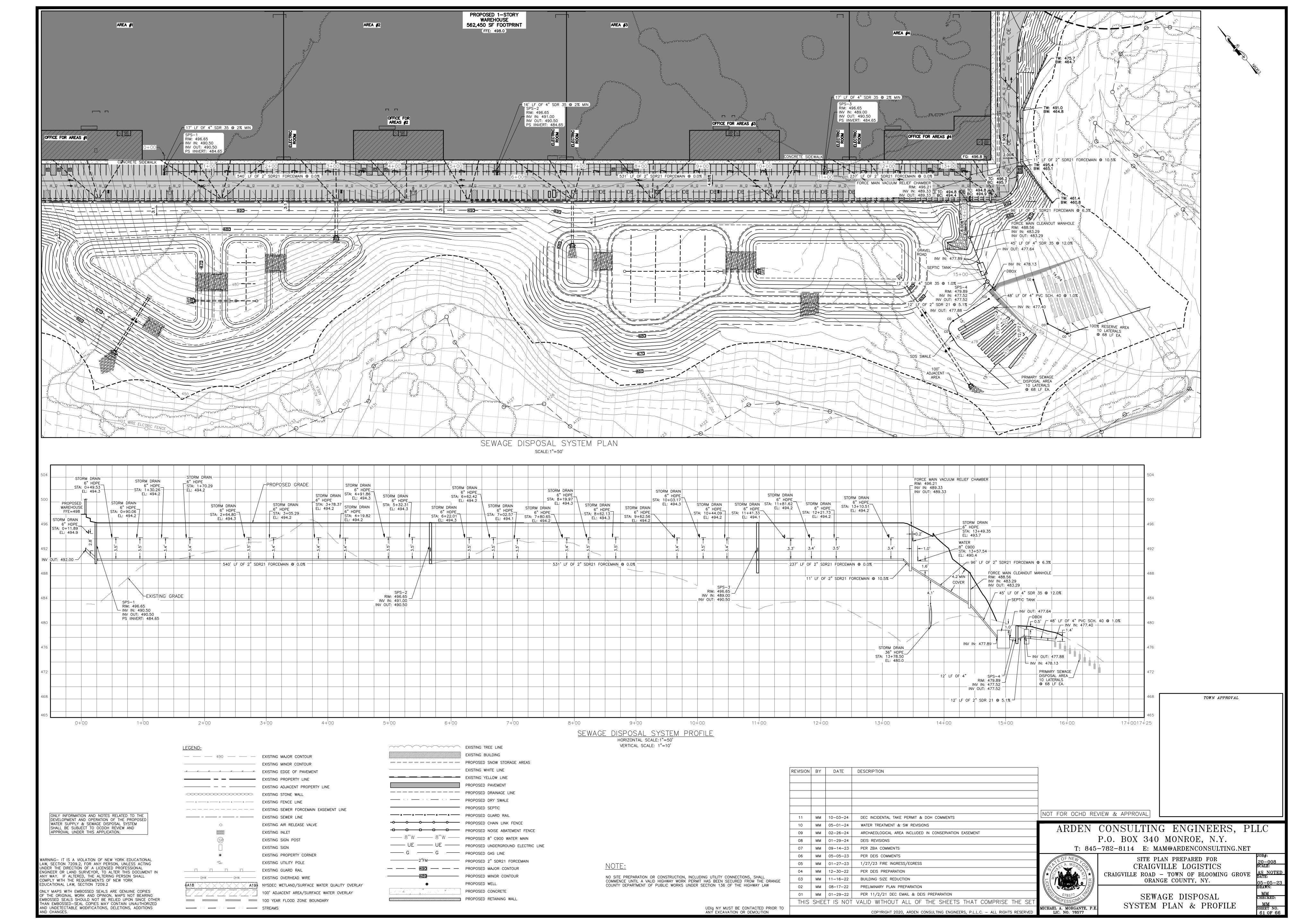
AND CHANGES.

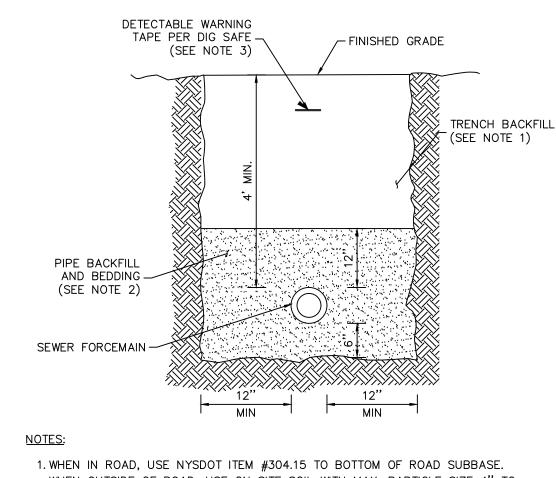
UDIG NY MUST BE CONTACTED PRIOR TO ANY EXCAVATION OR DEMOLITION

COPYRIGHT 2020, ARDEN CONSULTING ENGINEERS, P.L.L.C. - ALL RIGHTS RESERVED









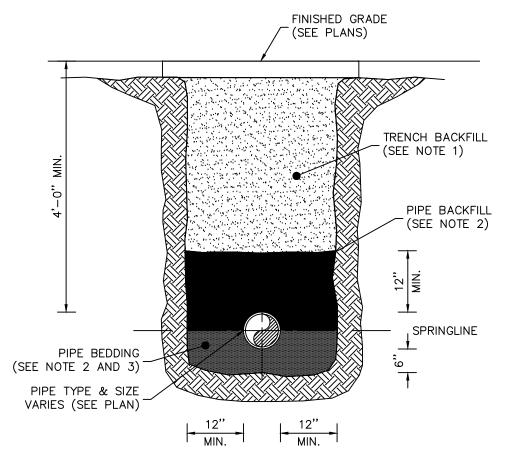
WHEN OUTSIDE OF ROAD, USE ON SITE SOIL WITH MAX. PARTICLE SIZE 4" TO FINISHED GRADE. COMPACT IN 8" MAX. LOOSE LIFTS TO 95% MODIFIED PROCTOR DENSITY.

2.NYSDOT ITEM #304.15 COMPACT IN 6" MAX. LOOSE LIFTS. 3.DETECTABLE WARNING TAPE SHALL BE GREEN AND MARKED "SEWER". INSTALL CONTINUOUS DETECTABLE WARNING TAPE DURING BACKFILLING OF TRENCH FOR UNDERGROUND PIPING, LOCATE TAPE 12" BELOW FINISHED GRADE, DIRECTLY

OVER PIPING EXCEPT 8" BELOW SUBGRADE UNDER PAVEMENTS AND SLAB.

4. TRENCHING SHALL BE IMPLEMENTED IN ACCORDANCE WITH O.S.H.A STANDARDS.

SEWER FORCEMAIN TRENCH NOT TO SCALE

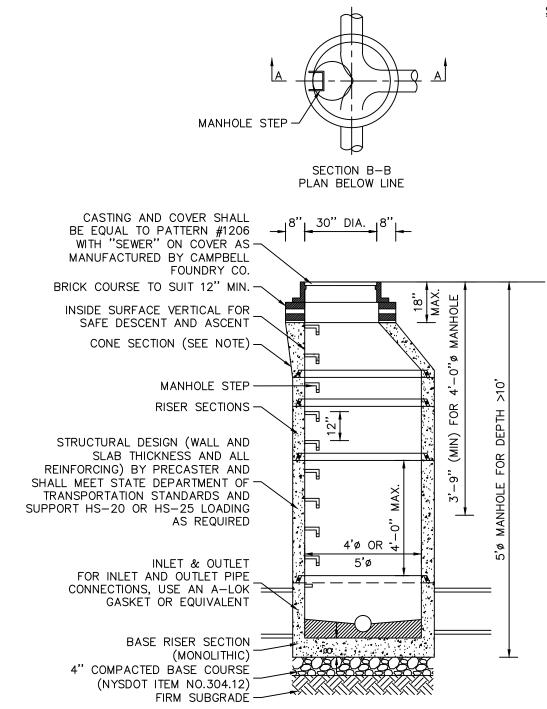


NOTES:

- 1. PREDOMINATELY GRANULAR FILL MATERIAL. MAX. PARTICLE SIZE 4". COMPACT IN MAX. 8" LOOSE LIFTS TO 95% MODIFIED PROCTOR DENSITY USING ONSITE MATERIALS. 2.MIXTURE OF CRUSHED STONE AND GRAVEL, FREE OF SOFT, NONDURABLE PARTICLES, ORGANIC MATERIALS AND ELONGATED PARTICLES. MAX. PARTICLE SIZE 3/4". COMPACT IN MAX. 6" LOOSE LIFTS.
- 3. WHEN IN LEDGE, USE AASHTO NO.67 OR EQUAL PROCESSED SAND AND GRAVEL FREE OF DEBRIS, CLAY LUMPS. ORGANIC, OR OTHER DELETERIOUS MATERIAL. COMPACT TO
- THE SPRING LINE IN MAX. 6 " LOOSE LIFTS. 4. TRENCHING SHALL BE IMPLEMENTED IN ACCORDANCE WITH O.S.H.A STANDARDS.

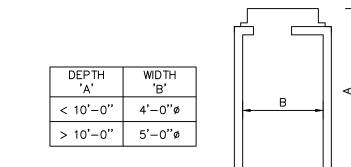
5. THE DETAIL APPLIES TO GRAVITY PIPES AND FORCEMAINS (FOR THIS PROJECT ONLY).

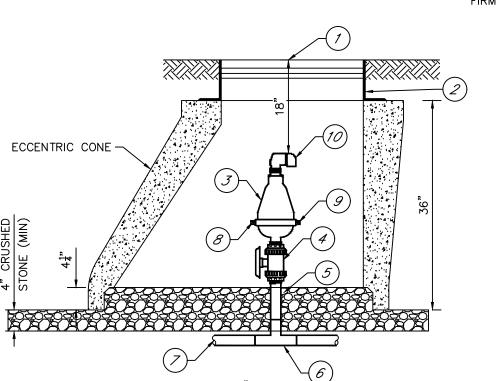
SEWER PIPE TRENCH NOT TO SCALE



SANITARY MANHOLE NOTES:

- 1. THE DEPTH OF THE INVERT CHANNEL SHALL BE EQUAL TO 3/4 OF THE DIAMETER OF THE
- 2. THE SHELF SHALL SLOPE TOWARD THE INVERT CHANNEL AT A RATE OF 1" PER FOOT. 3. TYPE "B" MANHOLES (SHALLOW TYPE) TO BE PROVIDED WHERE REQUIRED BY DEPTH CONDITIONS.
- 4.SEE THE SPECIFICATIONS LENGTH OF PIPE CONNECTIONS TO MANHOLE. 5.ALL CONCRETE SHALL BE 4000 PSI MINIMUM.
- 6.ENTIRE OUTSIDE SURFACE OF MANHOLE SHALL RECEIVE TWO COATS OF BITUMINOUS COATING. KOPPERS 300M PENNOXY TAR 32-8-4, OR APPROVED EQUAL. 7.INSTALL 2 LAYERS OF PLASTIC PERFORMED JOINT SEALANT BETWEEN ALL SECTIONS & UNDER FRAME.
- 8.CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR MANHOLE IN ACCORDANCE WITH SPECIFICATIONS.
- 9.4' DIA. MANHOLE FROM 8" TO 30" PIPES
- 10. UNLESS OTHERWISE SPECIFIED, SANITARY SEWER MANHOLES SHALL HAVE LETTERS "SEWER" AND STORM DRAIN MANHOLES SHALL HAVE LETTERS "DRAIN" CAST ON THE COVERS. 11. THE PRECAST CONCRETE STRUCTURE SHALL COMPLY WITH ASTM SPECIFICATIONS C478. 12. ALL SANITARY SEWER MANHOLES ARE TO BE CONSTRUCTED WITH THE COMPRESSION TYPE RESILIENT SEAL ASSEMBLY EQUAL TO "OMEGA CONCRETE PRODUCTS INC."
- 13.IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH AND CONSTRUCT THE PROPER SIZE STRUCTURE INCLUDING THE NECESSARY OPENINGS TO ACCOMMODATE THE WORK, AS SHOWN ON THE PLANS OR ORDERED BY THE ENGINEERS, AT NO ADDITIONAL COST. 14. ALL NECESSARY PATCHING SHALL BE ACCOMPLISHED WITH A NON-SHRINK CEMENT MORTAR GROUT EQUAL TO "SIKA-SET" AS MANUFACTURED BY THE SIKA CHEMICAL CORPORATION.





FORCE MAIN VACUUM RELIEF CHAMBER

NOT TO SCALE NOTES: 1. SEAL PIPE THROUGH MANHOLE OPENINGS WITH NON-SHRINKING GROUT 2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL

CAST IRON FRAME AND COVER

CAMPBELL FOUNDRY #4164 OR

6" THICK MIN. CONCRETE BASE

4" PVC RISER PIPE

(LENGTH VARIES)

45° ELBOW -

APPROVED EQUAL.

STAMPED "SEWER"

THREADED BRASS OR PVC PLUG

AND FEMALE ADAPTER

PAVEMENT

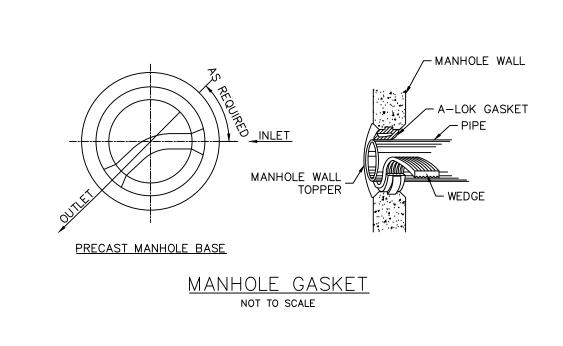
8"x8"x4" WYE

BEDDING AS SHOWN ON TRENCH DETAIL

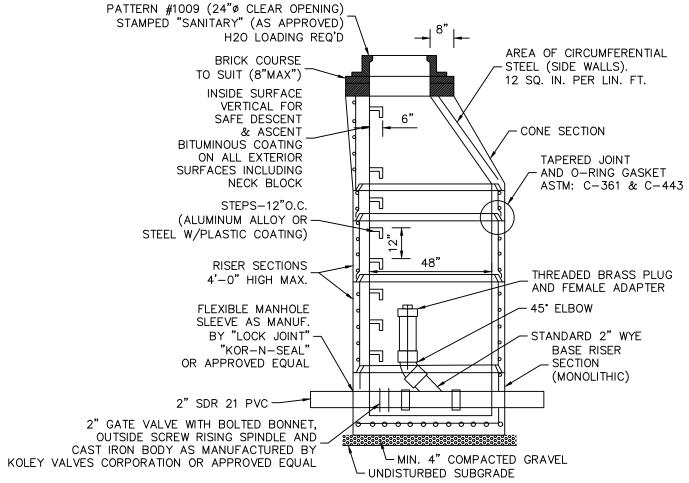
SANITARY CLEANOUT NOT TO SCALE

/ CONNECTION

ITEM	QUANTITY	DESCRIPTION
I I E IVI	QUANTITI	DESCRIPTION
1	1	WASTEWATER MANHOLE LID
2	1	MANHOLE FRAME
3	1	WASTEWATER COMBINATION VALVE WITH BACKWASH ACCESSORIES; VAL-MATIC MODEL VM-800S AIR /VACUUM & AIR RELEASE VALVE
4	1	2" PVC VALVE
5	1	2" TRANSITION FITTING
6	1	2" SDR21 PVC TEE
7	1	2" SDR21 SEWAGE FORCE MAIN
8	1	2" CLEANOUT PLUG
9	1	DRAIN VALVE BRONZE 1/2" FULL FLOW BALL VALVE
10	1	BRONZE 1/2" FULL BALL VALVE WITH QUICK DISCONNECT COUPLING FOR BACKWASH PURPOSES



SANITARY MANHOLE



FRAME & COVER CAMPBELL FOUNDRY CO.

FORCEMAIN CLEANOUT MANHOLE

NOT TO SCALE

NOT FOR ORANGE COUNTY DEPARTMENT OF HEALTH REVIEW OR APPROVAL.

MANHOLE TO MEET CURRENT REQUIREMENTS OF ASTM: C-478. JOINTS: LOCK TYPE WITH ROUND RUBBER GASKETS. THE WEIGHT OF EACH SECTION MUST MAKE AN INFILTRATION PROOF JOINT BY FORCING - ALL MATERIALS AND CONSTRUCTION SHALL MEET THE REQUIREMENTS OF THE REVIEWING AGENCY. MANHOLE TO SUITABLE FOR H-20 LOADING.

MANHOLE EXTERIOR MUST BE 100% BITUMINOUS COATED.

WARNING- IT IS A VIOLATION OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT IN ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL COMPLY WITH THE REQUIREMENTS OF NEW YORK EDUCATIONAL LAW, SECTION 7209.2 ONLY MAPS WITH EMBOSSED SEALS ARE GENUINE COPIES OF THE ORIGINAL WORK AND OPINION. MAPS NOT BEARING EMBOSSED SEALS SHOULD NOT BE RELIED UPON SINCE OTHER THAN EMBOSSED-SEAL COPIES MAY CONTAIN UNAUTHORIZED AND UNDETECTABLE MODIFICATIONS, DELETIONS, ADDITIONS

AND CHANGES.

NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW

06 MM 10-03-24 DEC INCIDENTAL TAKE PERMIT & DOH COMMENTS WATER TREATMENT & SW REVISIONS 05 | MM | 05-01-24 | ARCHAEOLOGICAL AREA INCLUDED IN CONSERVATION EASEMENT 04 | MM | 02-26-24 | 03 | MM | 01-29-24 | DEIS REVISIONS 02 MM 09-14-23 PER ZBA COMMENTS

301 N. MACARTHUR BLVD.

866-271-2859

OKLAHOMA CITY, OK 73127

SIDE VIEW

DUPLEX GRINDER PACKAGED

PUMP STATION (SP-1 TO SP-3)

NOT TO SCALE

RAIL BRACKET

_1 1/4" S.S. OR GALV. PIPE AND FITTINGS

-1 1/4" UNION

— WALL BRACKET

S.S. GUIDE RAILS

S.S. GATE VALVE EXTENSION HANDLE

1 1/4" BRASS GATE VALVE

1 1/4" BOLT

ON COUPLING

_S.S. LOWER GUIDE RAIL BRACKET

1 1/4" S.S. OR GALV.

DISCHARGE PIPE

(1 PIECE)

2. PUMP CHAMBER & FLOAT SWITCHES: THE FLOAT SWITCHES SHOULD BE 1.65' (OFF) AND 2.65' ABOVE THE FLOOR OF THE TANK, WHICH WILL PUMP APPROX. 52.88 GAL. INTO THE SEPTIC TANK. THE ALARM SWITCH SHOULD BE SET AT 4.65' ABOVE THE FLOOR OF THE TANK. RESERVE CAPACITY IS NOT REQUIRED AS GENERATOR BACKUP IS PROPOSED. VISUAL ALARM SHOULD BE CENTRALLY LOCATED WITHIN THE MECHANICAL ROOM FOR THE PROPOSED BUILDING. ALL APPLICABLE NEC REQUIREMENTS FOR THE PUMP CHAMBER SHALL BE MET. REVISION BY DATE DESCRIPTION

S.S. LIFTING CABLE

BRASS SLIDE

C.I. BALL

CHECK VALVE

AWAY COUPLING

ONLY INFORMATION AND NOTES RELATED TO THE DEVELOPMENT AND OPERATION OF THE PROPOSED WATER SUPPLY & SEWAGE DISPOSAL SYSTEM SHALL BE SUBJECT TO OCDOH REVIEW AND APPROVAL UNDER THIS APPLICATION. NOT FOR OCHD REVIEW & APPROVAL

ARDEN CONSULTING ENGINEERS, PLLC P.O. BOX 340 MONROE, N.Y.

T: 845-782-8114 E: MAM@ARDENCONSULTING.NET

SITE PLAN PREPARED FOR CRAIGVILLE LOGISTICS CRAIGVILLE ROAD - TOWN OF BLOOMING GROVE ORANGE COUNTY, NY.

MM CHECKED:

TOWN APPROVAL

REFERENCE QUOTE:

SEWAGE DISPOSAL DETAILS 01

PUMP CHAMBER NOTES:

1. PROVIDE 3" MIN. PEA GRAVEL OR SAND BEDDING UNDER STRUCTURE.
2. OPENINGS AT GRADE MUST BE LOCKABLE AND WATERTIGHT.

5. FORCE MAINS SHALL BE INSTALLED A A MINIMUM DEPTH OF 4-FEET TO PROTECT FROM

6. AN AUDIBLE/VISUAL PUMP STATION ALARM SHALL BE LOCATED WITHIN THE MECHANICAL

01 MM 05-05-23 PER DEIS COMMENTS

PUMP CHAMBER SHALL BE VENTED AT GRADE.

ROOM OF THE PROPOSED BUILDING.

PUMP & PUMP CHAMBER SPECIFICATIONS

1. PUMP SPECIFICATIONS FOR SP-1 TO SP-3:

MODEL NO. 515870 IGP-M233-30, OR EQUAL

4. ALL APPLICABLE NEC REQUIREMENTS SHALL BE MET.

CONSIDERING A FRANKLIN ELECTRIC IGP MANUAL SERIES

UDIG NY MUST BE CONTACTED PRIOR TO ANY EXCAVATION OR DEMOLITION

PUMP INFORMATION

Type: 2HP Grinder

Elec: 13.9 FL AMPS

S.S. FLOAT BRACKET

JUNCTION BOX -

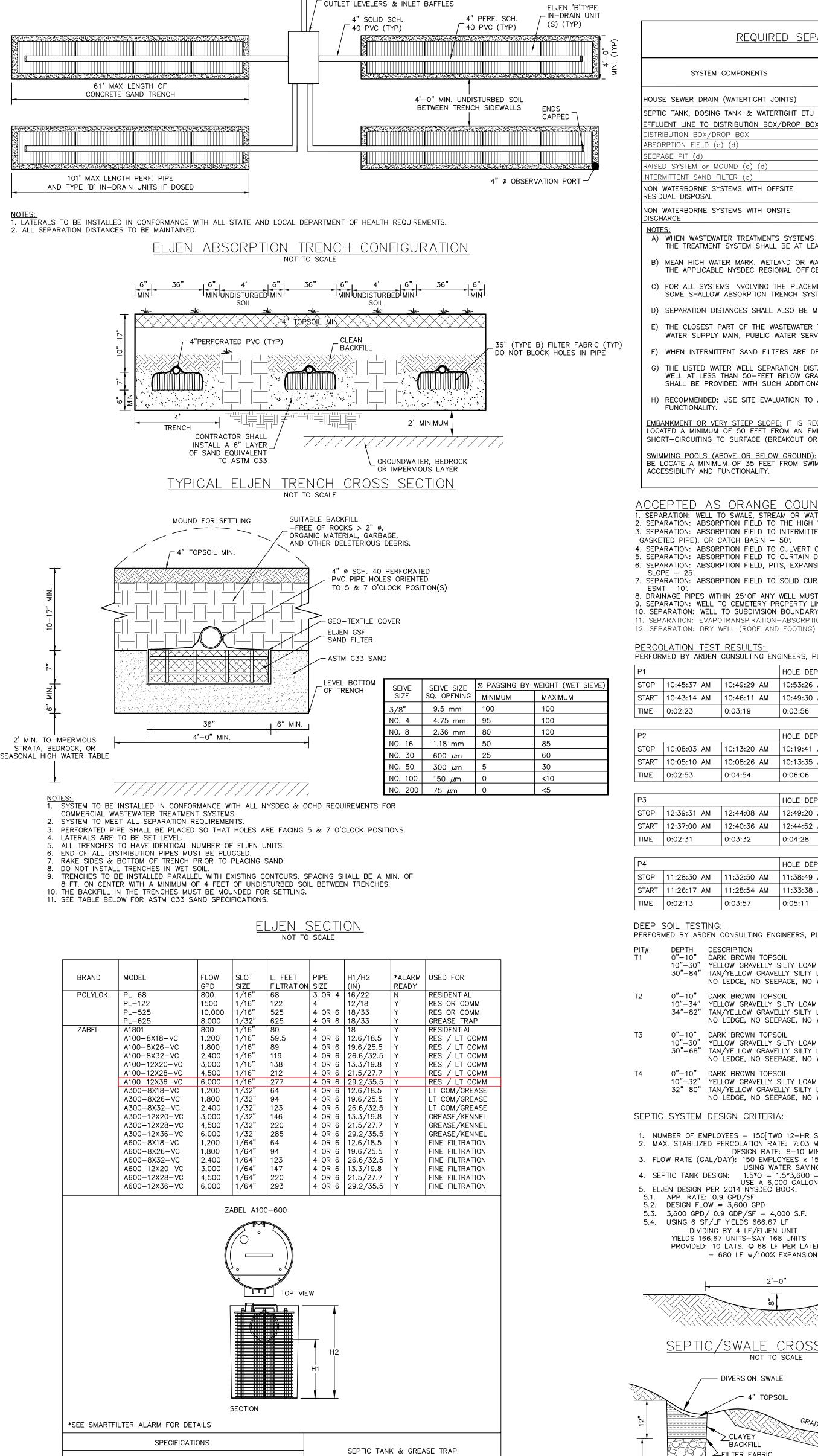
Model NO:

THIS SHEET IS NOT VALID WITHOUT ALL OF THE SHEETS THAT COMPRISE THE

Franklin Electric

COPYRIGHT 2020, ARDEN CONSULTING ENGINEERS, P.L.L.C. - ALL RIGHTS RESERVED

ICHAEL A. MORGANTE, P.E LIC. NO. 78577



EFFLUENT FILTERS

WOODARD'S CONCRETE PRODUCTS, INC. 629 LYBOLT ROAD, BULLVILLE, NY 10915 (845) 361-3471 / FAX 361-1050

PAGE 6H 12/12/12

WWW.WOODARDSCONCRETE.COM

THE PROPOSED SEWAGE DISPOSAL SYSTEM AND WATER

ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS

ESTABLISHED BY THE NEW YORK STATE DEPARTMENT OF

UPON ACTUAL SOIL AND SITE CONDITIONS FOUND UPON

HEALTH FOR RESIDENTIAL LOTS. THE DESIGNS ARE BASED

THE LOTS AT THE DESIGN LOCATION DURING THE TIME OF

SUPPLY SYSTEM SHOWN HAS BEEN DESIGNED IN

CONSTRUCTION: PVC OR POLYETHYLENE PLASTIC

NSF STANDARD 45 CERTIFIED

WARNING- IT IS A VIOLATION OF NEW YORK EDUCATIONAL

LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS ACTING

FNGINFER OR LAND SURVEYOR. TO ALTER THIS DOCUMENT IN

ONLY MAPS WITH EMBOSSED SEALS ARE GENUINE COPIES

OF THE ORIGINAL WORK AND OPINION. MAPS NOT BEARING

EMBOSSED SEALS SHOULD NOT BE RELIED UPON SINCE OTHER

THAN EMBOSSED-SEAL COPIES MAY CONTAIN UNAUTHORIZED

ND UNDETECTABLE MODIFICATIONS, DELETIONS, ADDITIONS

UNDER THE DIRECTION OF A LICENSED PROFESSIONAL

ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL

COMPLY WITH THE REQUIREMENTS OF NEW YORK

EDUCATIONAL LAW, SECTION 7209.2

ND CHANGES.

DISTRIBUTION BOX WITH ADJUSTABLE

INTER NON	PAGE PIT (d) ED SYSTEM or N	(c) (d) MOUND (c) (d)		100 (a) 150 (a) 100 (a)		100 100 100 100		20 20 20	10 10 10 10	
1	RMITTENT SAND	. , , , ,	FSITE	100 (a) (f) 50		100 (f) 50	:	20	10	
	WATERBORNE S HARGE	SYSTEMS WITH ON	SITE	100		50	:	20	10	
B) C) D) E)	THE TREATMEN MEAN HIGH WATHE APPLICAB FOR ALL SYST SOME SHALLOW SEPARATION DEPARTMENT OF THE CLOSEST WATER SUPPLY	NT SYSTEM SHALL ATER MARK. WETL LE NYSDEC REGIO EMS INVOLVING T W ABSORPTION TE ISTANCES SHALL PART OF THE WA Y MAIN, PUBLIC W	BE AT LEAST 2 AND OR WATERO CHE PLACEMENT RENCH SYSTEMS ALSO BE MEASU ASTEWATER TREA WATER SERVICE	200 FEET AWAY COURSE DETERMI OF FILL MATERIA AS DESCRIBED JRED FROM THE TIMENT SYSTEM S LINE OR RESIDE	FROM THE WELL NATIONS SHOUL AL, SEPARATION IN 9.12.2 OF T EDGE OF THE I SHALL BE LOCA NTIAL WELL WAT	D BE ADDRESSED DISTANCES ARE I HIS HANDBOOK. DESIGNATED ADDITED AT LEAST TEE ER SERVICE LINE		OR OTHER ACTION OF AREA {i.e. REM ANY WATER	GENCY HAVING SLOPE OF THE SERVE AREA}, R SERVICE LINE	JUR IE FII WHE E (e
′	THE LISTED W	ATER WELL SEPAF	RATION DISTANCE BELOW GRADE.	ES FROM CONTAI IF A 50% INCRE	MINANT SOURCES ASE CANNOT BE	S SHALL BE INCE ACHIEVED, THEN	ENT, THE SEPARA REASED BY 50% W I THE GREATEST I N.	/HENEVER AC	UIFER WATER I	ENTE
	FUNCTIONALITY	•					GROUNDWATER A			
SHO	ATED A MINIMUN PRT—CIRCUITING MMING POOLS (M OF 50 FEET FF TO SURFACE (BR ABOVE OR BELOW	ROM AN EMBANK EAKOUT OR SEE / GROUND): IT I	KMENT OR VERY EPAGE). S RECOMMENDEI	STEEP SLOPE. THAT SYSTEM	MAXIMIZE SEPARA COMPONENTS BE	TION DISTANCES A LOCATED A MINII USE SITE EVALUA	AND USE SIT	E EVALUATION THE	TO A
ACC	ESSIBILITY AND	FUNCTIONALITY.								
. SEPA 2. SEPA 3. SEPA GASKE 4. SEPA	ARATION: WELL ARATION: ABSO ARATION: ABSO ETED PIPE), OR ARATION: ABSO	TO SWALE, STRE. RPTION FIELD TO RPTION FIELD TO CATCH BASIN — RPTION FIELD TO	AM OR WATERCO THE HIGH WATE INTERMITTENT S 50'. CULVERT OR S	OURSE — 25'. ER LINE OF A W STREAM, DRY WE TORM SEWER (G.	ET POND — 100° ELL, CULVERT OF	R STORM SEWER	<u>CY & STA</u> (non-	NDARD	VVIII III	<u> L</u>
S. SEPA SLO 7. SEPA ESM	ARATION: ABSO PE — 25'. ARATION: ABSO IT — 10'.	RPTION FIELD TO RPTION FIELD, PI [*] RPTION FIELD TO	TS, EXPANSION SOLID CURTAIN	AREA, TO TOP (•	•			
). SEP 0. SEP 1. SEP	ARATION: WELL Paration: Well Paration: Evaf	THIN 25'OF ANY TO CEMETERY PR TO SUBDIVISION OTRANSPIRATION WELL (ROOF AND	ROPERTY LINE - BOUNDARY - 5 -ABSORPTION S	- 100'. 50'. SYSTEM TO DRAIN		50'.				
PERCO	DLATION TES		GINEERS, PLLC	ON APRIL 29, 2	023		1			
P1 STOP START	10:45:37 AM 10:43:14 AM	10:49:29 AM 10:46:11 AM	HOLE DEPTH: 10:53:26 AM 10:49:30 AM	24" Ø OF HOLE: 10:58:07 AM 10:53:45 AM	11:03:17 AM 10:58:43 AM	DESCRIPTION SILTY LOAM	_			
TIME P2	0:02:23	0:03:19	0:03:56 HOLE DEPTH:	0:04:23 24" Ø OF HOLE:	0:04:34	W/COBBLE]			
STOP START TIME	10:08:03 AM 10:05:10 AM 0:02:53	10:13:20 AM 10:08:26 AM 0:04:54	10:19:41 AM 10:13:35 AM 0:06:06	10:26:10 AM 10:19:42 AM 0:06:29	10:33:28 AM 10:26:25 AM 0:07:03	DESCRIPTION SILTY LOAM W/COBBLE				
P3 STOP	12:39:31 AM	12:44:08 AM	HOLE DEPTH: 12:49:20 AM	24" Ø OF HOLE:		DESCRIPTION			30" CAST	T IRO
START TIME	12:37:00 AM 0:02:31	12:40:36 AM 0:03:32	12:44:52 AM 0:04:28	12:50:26 AM 0:05:11	12:56:50 AM 0:05:34	SILTY LOAM W/COBBLE			BOLT DOWN	N LO
P4 STOP	11:28:30 AM	11:32:50 AM 11:28:54 AM	11:38:49 AM	24" Ø OF HOLE:	11:52:30 AM	DESCRIPTION				`````.
START	11:26:17 AM		11:33:38 AM	11:39:02 AM	11:46:01 AM	SILTY LOAM				
TIME	0:02:13	0:03:57	0:05:11	0:06:10	0:06:29	W/COBBLE				
)EEP	SOIL TESTING MED BY ARDEN DEPTH DE 0"-10" DA	G: CONSULTING ENDESCRIPTION ARK BROWN TOPS	GINEERS, PLLC (W/COBBLE			2" SDR :	21—
<u>EEP</u> ERFOR	SOIL TESTING MED BY ARDEN DEPTH DE 0"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA	G: CONSULTING ENGESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY N/YELLOW GRAVE D LEDGE, NO SEE	GINEERS, PLLC (OIL SILTY LOAM ELLY SILTY LOAM EPAGE, NO WATE	ON APRIL 29, 20	023	W/COBBLE		UNDERSIDE PREVENT FRE	3/8" WEEP H OF EJECTOR P EZING OF EFI	HOLE PIPE FLUE
EEP ERFOR IT# 1	SOIL TESTING EMED BY ARDEN DEPTH DE 0"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-34" YE 34"-82" TA	G: CONSULTING ENGESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY N/YELLOW GRAVE D LEDGE, NO SEE ARK BROWN TOPS ELLOW GRAVELLY N/YELLOW GRAVELLY N/YELLOW GRAVELLY N/YELLOW GRAVE	GINEERS, PLLC OF COLUMN	ON APRIL 29, 20 I W/SOME SAND R, NO MOTTLING I W/SOME SAND	023 s, ROOTS @36"	W/COBBLE	SEWA PIF	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP H OF EJECTOR P	HOLE PIPE FLUE CE M CHEC MAIN
DEEP ERFOR IT# 1	SOIL TESTING SMED BY ARDEN DEPTH OF OTHER OF THE OTHER OF THE OTHER OF THE OTHER O	G: CONSULTING ENGINEERING ENGINEERING ESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY AN/YELLOW GRAVELLY AN/YELLOW GRAVELLY AN/YELLOW GRAVE D LEDGE, NO SEE ARK BROWN TOPS ELLOW GRAVELLY AN/YELLOW GRAVE D LEDGE, NO SEE ARK BROWN TOPS ELLOW GRAVELLY AN/YELLOW GRAVE D LEDGE, NO SEE	GINEERS, PLLC OF SILTY LOAM SILTY SILTY LOAM SILTY SILTY LOAM SILTY LOAM SILTY SILT	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING IR, NO MOTTLING	023 s, ROOTS @36" s, ROOTS @38"	W/COBBLE	SEWA PIF	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M CHEE MAIN HAMB
EEP ERFOR IT# 1	SOIL TESTING SMED BY ARDEN DEPTH OF OTHER OF OTHER OF OTHER OF OTHER OF OTHER OTHE	G: CONSULTING END ESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY N/YELLOW GRAVE D LEDGE, NO SEE ARK BROWN TOPS ELLOW GRAVELLY N/YELLOW GRAVE D LEDGE, NO SEE ARK BROWN TOPS ELLOW GRAVELLY N/YELLOW GRAVELLY N/YELLOW GRAVELLY N/YELLOW GRAVELLY N/YELLOW GRAVELLY N/YELLOW GRAVE	GINEERS, PLLC OF SILTY LOAM SILTY SILTY LOAM SILTY SILTY LOAM	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING IR, NO MOTTLING I W/SOME SAND IR, NO MOTTLING	7, ROOTS @36" 6, ROOTS @38"	W/COBBLE	SEWA PIF	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M CHEE MAIN HAMB
DEEP ERFOR IT# 1	SOIL TESTING EMED BY ARDEN DEPTH 0"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-34" YE 34"-82" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO C SYSTEM DE	G: CONSULTING ENGESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY NYELLOW GRAVE CO LEDGE, NO SEE ARK BROWN TOPS ELLOW GRAVELLY NYELLOW GRAVE CO LEDGE, NO SEE ARK BROWN TOPS ELLOW GRAVELLY NYELLOW GRAVE CO LEDGE, NO SEE ARK BROWN TOPS ELLOW GRAVELLY NYELLOW GRAVE CO LEDGE, NO SEE ARK BROWN TOPS ELLOW GRAVELLY NYELLOW GRAVE CO LEDGE, NO SEE ESIGN CRITERIA LOYEES = 150[TW	GINEERS, PLLC O OIL SILTY LOAM CHASE, NO WATE	ON APRIL 29, 20 I W/SOME SAND R, NO MOTTLING	7, ROOTS @36" 6, ROOTS @38"	W/COBBLE	SEWA PIF	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M CHEE MAIN HAMB
DEEP ERFOR IT# 1 2 3 4 5EPTIC 1. NU 2. MA 3. FL	SOIL TESTING EMED BY ARDEN DEPTH 0"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-34" YE 34"-82" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO C SYSTEM DE JMBER OF EMPL AX. STABILIZED	G: CONSULTING ENGESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY AN/YELLOW GRAVE AN/YELLOW GRAVELLY AN/YELLOW GRAVELY AN/YELLOW GRAVELY AN/YELLOW GRAVELY AN/YELLOW GRAVELY AN/YELLOW GRAVELY AN/YELLOW GRAVELY A	GINEERS, PLLC OF COLL SILTY LOAM CHARLY SILTY SILTY LOAM CHARLY SILTY SILTY LOAM CHARLY SILTY SILTY LOAM CHARLY SILTY SI	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING I W/SOME SAND I W/SOME SA	2 SHIFTS = 4,5	00 GPD	SEWA PIF	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M CHED MAIN HAMB
DEEP ERFOR IT# 1 2 3 FL 4. SE 5.1. 5.2. 5.3.	SOIL TESTING MED BY ARDEN DEPTH 0"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-34" YE 34"-82" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO C SYSTEM DE JUMBER OF EMPL AX. STABILIZED OW RATE (GAL) CPTIC TANK DES JEN DESIGN PE APP. RATE: O DESIGN FLOW 3,600 GPD/ O	G: CONSULTING ENGESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY NYELLOW GRAVE D LEDGE, NO SEE SIGN CRITERIA OYEES = 150[TW PERCOLATION RA DESIGN RATE /DAY): 150 EMPL USING WA SIGN: 1.5*Q = USE A 6,0 R 2014 NYSDEC D.9 GPD/SF = 3,600 GPD D.9 GDP/SF = 4,	GINEERS, PLLC OOIL SILTY LOAM CILLY SILT	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING I W/SOME SAND I W/SOME SA	2 SHIFTS = 4,5	00 GPD	SEWA PIF	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M CHEE MAIN HAMB
DEEP ERFOR IT# 1 2 3 4 SEPTIC 1. NU 2. MA 3. FL 4. SE 5.1. 5.2.	SOIL TESTING MED BY ARDEN DEPTH DE 0"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-34" YE 34"-82" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO C SYSTEM DE JUMBER OF EMPL AX. STABILIZED OW RATE (GAL) CPTIC TANK DES LUEN DESIGN PE APP. RATE: O DESIGN FLOW 3,600 GPD/O USING 6 SF/L DIVIDING YIELDS 166.6 PROVIDED: 1	G: CONSULTING ENGESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY NYELLOW GRAVELLY OFFICE SIGN CRITERIA OYEES = 150[TW PERCOLATION RA DESIGN RATE ONE A 6,0 OYEES = 3,600 GPD OYEES = 3,600 GPD OYEES = 4, FYIELDS 666.67	GINEERS, PLLC OOIL SILTY LOAM CILLY SILT	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING I W/SOME SAND I W/SOME SA	2 SHIFTS = 4,5	00 GPD	SEWA PIF	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M CHEE MAIN HAMB
DEEP ERFOR IT# 1 2 3 FL 4. SE 5.1. 5.2. 5.3.	SOIL TESTING MED BY ARDEN DEPTH DE 0"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-34" YE 34"-82" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO C SYSTEM DE JUMBER OF EMPL AX. STABILIZED OW RATE (GAL) CPTIC TANK DES LUEN DESIGN PE APP. RATE: O DESIGN FLOW 3,600 GPD/O USING 6 SF/L DIVIDING YIELDS 166.6 PROVIDED: 1	G: CONSULTING ENGESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY NYELLOW GRAVELLY OYEES = 150[TW PERCOLATION RA DESIGN CRITERIA GIGN: 1.5*Q = USE A 6,0 R 2014 NYSDEC D:9 GPD/SF = 3,600 GPD D:9 GPD/SF = 3,600 GPD D:9 GPP/SF = 4, LF YIELDS 666.67 G BY 4 LF/ELJEN G7 UNITS—SAY 16	GINEERS, PLLC OOIL SILTY LOAM CHAGE, NO WATE OIL SILTY LOAM CHAGE OIL SILTY LOAM	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING I W/SOME SAND I W/SOME SA	2 SHIFTS = 4,5	00 GPD	SEWA PIF	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M. CHED MAIN HAMB
DEEP ERFOR IT# 1 2 3 FL 4. SE 5.1. 5.2. 5.3.	SOIL TESTING MED BY ARDEN DEPTH DE 0"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-34" YE 34"-82" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO C SYSTEM DE JUMBER OF EMPL AX. STABILIZED OW RATE (GAL) CPTIC TANK DES LUEN DESIGN PE APP. RATE: O DESIGN FLOW 3,600 GPD/O USING 6 SF/L DIVIDING YIELDS 166.6 PROVIDED: 1	G: CONSULTING ENGLISHED CONSULTING ENGLISHED CONSULTING ENGLISHED CONSULTING ENGLISHED CONSULTING ENGLISHED CONSULTION CONSULTION CONSULTION CONSULTION CONSULT CONSUL	GINEERS, PLLC OOIL SILTY LOAM CHAGE, NO WATE OIL SILTY LOAM CHAGE OIL SILTY LOAM	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING I W/SOME SAND I W/S	2 SHIFTS = 4,5	00 GPD	SEWA PIF	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M CHED MAIN HAMB
DEEP ERFOR IT# 1 2 3 FL 4. SE 5.1. 5.2. 5.3.	SOIL TESTING MED BY ARDEN DEPTH OF O"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO 0"-10" DA 10"-10" DA 10	G: CONSULTING ENGESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY NYELLOW GRAVE D LEDGE, NO SEE SIGN CRITERIA OYEES = 150[TW PERCOLATION RA DESIGN RATE (DAY): 150 EMPL USING WA SIGN: 1.5*Q = 1 USING WA DESIGN: 1.5*Q = 1 USING WA DES	GINEERS, PLLC OOIL SILTY LOAM CILLY SILT	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING I W/SOME SAND I W/S	2 SHIFTS = 4,5	00 GPD	SEWA PIF	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M CHED MAIN HAMB
DEEP ERFOR IT# 1 2 3 FL 4. SE 5.1. 5.2. 5.3.	SOIL TESTING MED BY ARDEN DEPTH OF O"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO 0"-10" DA 10"-10" DA 10	G: CONSULTING ENGRESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY AN/YELLOW GRAVELY AN/YELLOW GRAVELLY AN/YELLOW GRAVE AN/YELLOW GRAV	GINEERS, PLLC OOIL SILTY LOAM CHAGE, NO WATE OIL SILTY LOAM CHAGE OIL SILTY	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING I W/SOME SAND I W/S	2 SHIFTS = 4,5	00 GPD	SEWA PIF	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M. CHED MAIN HAMB
DEEP ERFOR IT# 1 2 3 FL 4. SE 5.1. 5.2. 5.3.	SOIL TESTING MED BY ARDEN DEPTH OF O"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO 0"-10" DA 10"-10" DA 10	G: CONSULTING ENGRESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY ANYELLOW GRAVELY ANYELLOW GRAVELLY ANYELLOW GRAVE BESIGN CRITERIA COYEES = 150[TW PERCOLATION RA DESIGN RATE ANDER OF A 6,0 BY A LF/ELJEN BY A LF/	GINEERS, PLLC OOIL SILTY LOAM CHAGE, NO WATE OIL SILTY LOAM CHAGE OIL SILTY	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING I W/SOME SAND I W/S	2 SHIFTS = 4,5	00 GPD	SEWA PIF MIN.	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE MA CHED MAIN HAMBI
DEEP ERFOR 1T# 1 2 3 4 SEPTIC 1. NU 2. MA 5. 5.1. 5.2. 5.3. 5.4.	SOIL TESTING MED BY ARDEN DEPTH OF O"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO 0"-10" DA 10"-10" DA 10	G: CONSULTING ENGRACE CONSULTING ENGRACE CONSULTING ENGRACE CONSULTING ENGRACE CONSULTING ENGRACE CONSULTING ENGRACE CONSULTION CONSULTION CONSULTION CONSULTION CONSULT CONSU	GINEERS, PLLC OOIL SILTY LOAM CHAGE, NO WATE OIL SILTY LOAM CHAGE OIL SILTY LOAM CHAGE OIL SILTY	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING IS] N D/EMPLOYEE x 2 I TRENCH I TRENC	2 SHIFTS = 4,5	00 GPD	SEWA PIF MIN.	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M. CHED MAIN HAMB
DEEP ERFOR IT# 1 2 3 4 SEPTIC 1. NL 2. MA 3. FL 5. 1. 5. 2. 5. 3. 5. 4.	SOIL TESTING MED BY ARDEN DEPTH OF O"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO 0"-10" DA 10"-10" DA 10	G: CONSULTING ENGESCRIPTION ARK BROWN TOPS CLOW GRAVELLY NAYELLOW GRAVELY	GINEERS, PLLC OOIL SILTY LOAM CLLY SILTY LOAM	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING S] N D/EMPLOYEE x 20 I TRENCH ALL SIDES ORPTION TRENCH	23 5, ROOTS @36" 6, ROOTS @40" 6, ROOTS @38" 2 SHIFTS = 4,5ind DUCTION]=3,600	00 GPD	MIN. FROM BOTTOM RENCH TO LOWERED GROUNDWATER .YELLOWERED GROUNDWATER	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M. CHED MAIN HAMB
DEEP ERFOR IT# 1 2 3 4 SEPTIC 1. NL A 5. 5.1. 5.2. 5.3. 5.4.	SOIL TESTING MED BY ARDEN DEPTH OF O"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO 0"-10" DA 10"-10" DA 10	G: CONSULTING ENGRESCRIPTION ARK BROWN TOPS ELLOW GRAVELLY NYELLOW GRAVE D'S GON GRAVE NYELLOW GRAVE D'S GON GRAVE NYELLOW GRAVE D'S GON GRAVE NYELLOW GRAVE NYELO	GINEERS, PLLC OOIL SILTY LOAM CILLY SILT	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING IS] N D/EMPLOYEE x 2 (TURES [20% RE 100 GALLONS PTIC TANK SECTION GRADE GRADE OFFIC PIPE I OF 4 FT. THE TO DAYLIGHT	23 5, ROOTS @36" 6, ROOTS @40" 6, ROOTS @38" 2 SHIFTS = 4,5ind DUCTION]=3,600	00 GPD	SEWA PIF MIN.	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M. CHED MAIN HAMB
DEEP ERFOR IT# 1 2 3 4 SEPTIC 1. NL A 5. 5.1. 5.2. 5.3. 5.4.	SOIL TESTING MED BY ARDEN DEPTH OF O"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA NO 0"-10" DA 10"-10" DA 10	G: CONSULTING ENGRACE SCRIPTION ARK BROWN TOPS ELLOW GRAVELLY NYELLOW GRAVELLY NYYELLOW GRAVELLY NYELLOW GRAVELLY NYYELLOW G	GINEERS, PLLC OOIL SILTY LOAM CLLY SILTY LOAM	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING IS IN OFFICE AND	2 SHIFTS = 4,50 DUCTION]=3,600	00 GPD	MIN. FROM BOTTOM RENCH TO LOWERED GROUNDWATER .YELLOWERED GROUNDWATER	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE M. CHED MAIN HAMB
DEEP ERFOR IT# 1 2 3 4 SEPTIC 1. NLA 5. 5.1. 2. 5.3. 5.4.	SOIL TESTING MED BY ARDEN DEPTH 0"-10" DA 10"-30" YE 30"-84" TA NO 0"-10" DA 10"-34" YE 34"-82" TA NO 0"-10" DA 10"-30" YE 30"-68" TA NO 0"-10" DA 10"-32" YE 32"-80" TA C SYSTEM DE JUMBER OF EMPL AX. STABILIZED OW RATE (GAL) EPTIC TANK DES JEN DESIGN PE APP. RATE: O DESIGN FLOW 3,600 GPD/O USING 6 SF/O DIVIDING YIELDS 166.6 PROVIDED: 1 SEPTIC SEPTIC NOTES:	G: CONSULTING ENGRACE SCRIPTION ARK BROWN TOPS ELLOW GRAVELLY NYELLOW GRAVELLY NYYELLOW GRAVELLY NYELLOW GRAVELLY NYYELLOW G	GINEERS, PLLC OOIL SILTY LOAM CILLY SILT	ON APRIL 29, 20 I W/SOME SAND IR, NO MOTTLING IS I W/SOME SAND IR, NO MOTTLING IN I W/SOME SAND IR I W	2 SHIFTS = 4,50 DUCTION]=3,600	00 GPD	MIN. FROM BOTTOM RENCH TO LOWERED GROUNDWATER .YELLOWERED GROUNDWATER	UNDERSIDE PREVENT FRE GE IN FORO PING SHALL I OF 1% TO	3/8" WEEP HOF EJECTOR PEZING OF EFICE MAIN. FORCE BACK-PITC ALLOW FORCEMDRAIN INTO CH.	HOLE PIPE FLUE CE MA CHED MAIN HAMBI

REQUIRED SEPARATION DISTANCES FROM WASTEWATER SYSTEM COMPONENTS

or WETLAND

DWELLING

PROPERTY LINE

WELL OR SUCTION LINE STREAM, LAKE, WATERCOURSE (b),

25 IF CAST IRON

50 OTHERWISE

SANITARY NOTES THE DESIGN AND LOCATION OF SANITARY (WATER & SEWER) SYSTEMS SHALL NOT BE CHANGED. 2. ALL WELLS W/I 300' OF THE PROJECT HAVE BEEN LOCATED BY THE PROJECT SURVEYOR AND SHOWN ON 3. TRENCHES SHALL NOT BE INSTALLED IN WET SOIL. THE SIDES AND BOTTOM OF TRENCHES MUST BE RAKED. THE ENDS OF ALL OF THE LATERALS MUST BE CAPPED. RAINAGE DITCH 4. THERE SHALL BE NO REGRADING, EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE RAIN GARDENS CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A 6. NO SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL BE LOCATED OVER ANY PORTION OF THE ABSORPTION FIFLD. 7. THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS OR JACUZZI TYPE SPA TUBS OVER ACCOUNT FOR THEM AND REAPPROVED BY THE OCDOH. 8. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC (OR ANY PUMPING OR DOSING CHAMBER) TO THE BUILDING, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT. 9. THE OWNER/APPLICANT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND AN ACCURATE AS-BUILT DRAWING OF ANY EXISTING SANITARY FACILITIES. *SEPTIC TANKS SHOULD BE INSPECTED PERIODICALLY AND PUMPED EVERY 2-3 YEARS. *PUMP STATIONS/DOSING CHAMBERS SHOULD BE INSPECTED PERIODICALLY BY A PROPERLY TRAINED PERSON FOR PROPER OPERATION, INCLUDING HIGH WATER ALARMS, VENTING AND ANY PHYSICAL DAMAGE. *DISTRIBUTION BOXES/DROP BOXES SHOULD BE INSPECTED ANNUALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY. TO A WELL, THE CLOSEST PART OF 10. INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC SEWER SYSTEM IS REQUIRED WITHIN 1 YEAR OF AVAILABILITY. 11. ORANGE COUNTY DEPARTMENT OF HEALTH PLAN APPROVAL IS LIMITED TO 5 YEARS. TIME EXTENSIONS FOR PLAN APPROVAL MAY BE GRANTED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH BASED UPON GENCY HAVING JURISDICTION AND DEVELOPMENT FACTS AND THE REALTY SUBDIVISION REGULATIONS IN EFFECT AT THAT TIME. A NEW PLAN SLOPE OF THE FILL, EXCEPT FOR 12. A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER (OR OTHER DESIGN PROFESSIONAL AS ALLOWED BY SERVE AREA}, WHEN AVAILABLE. SEWAGE DISPOSAL FACILITIES) AT THE TIME OF CONSTRUCTION. PRIOR TO OCCUPANCE OF THE STRUCTURE, R SERVICE LINE (e.g., PUBLIC FACILITIES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPOVED PLANS AND THAT ANY SEPTIC TANK REPORT MUST ALSO BE PROVIDED. 13. SEPTIC TANK TO BE REINFORCED CONCRETE CE CAN BE REDUCED TO 50 FEET. 14. NO CELLAR, FOOTING, OR ROOF DRAINS SHALL DISCHARGE INTO SEPTIC TANKS OR DRAIN FIELDS. 15. THE SEWAGE DISPOSAL SYSTEM SHALL BE DESIGNED, LOCATED AND CONSTRUCTED TO ALLOW FOR A 100% UIFER WATER ENTERS THE WATER EXPANSION FOR ELJEN SYSTEMS CAPABILITY FOR FUTURE USE. CREASE IN SEPARATION DISTANCE 16. INSTALL TRENCHES PARALLEL TO CONTOURS. 7. DRIVEWAYS AND OTHER STRUCTURES WHICH MAY COMPACT THE SOILS SHALL NOT BE CONSTRUCTED ON TOP OF ABSORPTION FIELD. 18. DIVERSION SWALES TO BE LOCATED UPHILL FROM THE SEWAGE DISPOSAL AREA. THE DIVERSION SWALES ARE TO DIVERT RUNOFF AWAY FROM THE SEWAGE DISPOSAL AREA AND THE FUTURE EXPANSION AREA. 19. SEPTIC TANK INLETS TO BE OPPOSITE OUTLET. 20. ALL TREES, STUMPS, BRUSH, WEEDS, ETC. SHALL BE CUT TO GRADE AND REMOVED. ALL LEAVES, LIMBS, AND BOULDERS ABOVE GRADE SHALL BE CAREFULLY REMOVED. 21. THE SUBJECT PARCEL DOES NOT FALL WITHIN A PUBLIC WATER SUPPLY WATERSHED. 22. ALL ROOF AND FOOTING DRAINS MUST DISCHARGE AWAY FROM SANITARY ABSORPTION FACILITIES. FEET AND THE ABSORPTION FIELD 23. SEPTIC TANKS SHALL BE INSPECTED PERIODICALLY AND PUMPED EVERY 2-3 YEARS. 24. DISTRIBUTION BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT THEY ARE LEVEL AND WITH THE FOLLOWING ADDITIONS

TYPICAL SECTION VIEW

5' ID CHAMBER SHOWN

COMMERCIAL PUMP CHAMBER

OPERATING PROPERLY. THIS DESIGN AND CONSTRUCTION REQUIREMENT COMPLIES WITH APPENDIX 75-A AND LOCAL HEALTH DEPARTMENT REGULATIONS THIS DESIGN COMPLIES WITH AND MUST BE INSTALLED IN ACCORDANCE WITH THE MOST CURRENT ELJEN NEW YORK DESIGN AND INSTALLATION MANUAL. 3. THIS SYSTEM IS NOT DESIGNED FOR USE WITH A GARBAGE DISPOSAL. 4. ORGANIC MATERIAL THAT CAN RESTRICT FLOW MUST BE REMOVED FOR RAISED BEDS. THE SOIL MUST BE SCARIFIED TO PROVIDE DEEP CHANNELS FOR THE SAND. A PLOWED INTERFACE ON CONTOUR IS RECOMMENDED TO PREPARE THE SOIL FOR FILL PLACEMENT. SCARIFY ANY SMEARED SUBSOIL PRIOR TO FILL PLACEMENT 6. FILL MATERIAL SHALL MEET OR EXCEED STATE OF NEW YORK CODE REQUIREMENTS. ALL FILL MATERIAL

SUBMISSION MAY BE REQUIRED TO OBTAIN A TIME EXTENSION.

CHANGE OF THE ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.

THE ENGINEER SHALL CERTIFY TO THE LOCAL CODE ENFORCEMENT OFFICER AND THE OCDOH THAT THE

SHALL BE CLEAN BANK RUN SAND, FREE OF TOPSOIL, HUMUS, AND "DREDGING" DIRECTLY BENEATH THE 7. ASTM C33 SPECIFIED SAND WITH LESS THAN 10% PASSING A #100 SIEVE AND LESS THAN 5% PASSING A #200 SIEVE SHALL BE PLACE BELOW AND AROUND THE GSF MODULES, WITH 6 INCHES MINIMUM ÜNDERNEATH AND 6 INCHES MINIMUM SURROUNDING THE GSF MODULES IN TRENCH CONFIGURATIONS. IN BED SYSTEMS, USE 6 INCHES MINIMUM UNDERNEATH THE MODULES WITH 12 INCHES MINIMUM BETWEEN

MODULE ROWS AND 12 INCHES MINIMUM AROUND THE PERIMETER OF THE MODULES. 8. ELJEN PROVIDED GEOTEXTILE COVER FABRIC SHALL PROVIDE PROPER TENSION AND ORIENTATION OF THE FABRIC AROUND THE SIDES OF THE PERFORATED PIPE ON TOP OF THE GSF MODULES. FABRIC SHOULD BE NEITHER TOO LOOSE, NOR TOO TIGHT. THE CORRECT TENSION OF THE COVER FABRIC IS SET BY: - SPREADING THE COVER FABRIC OVER THE TOP OF THE MODULE AND DOWN BOTH SIDES OF THE MODULE WITH THE COVER FABRIC TENTED OVER THE TOP OF THE PERFORATED DISTRIBUTION PIPE. - PLACE SHOVEL FULL'S OF SPECIFIED SAND DIRECTLY OVER THE PIPE AREA ALLOWING THE COVER FABRIC TO FORM A MOSTLY VERTICAL ORIENTATION ALONG THE SIDES OF THE PIPE. REPEAT THIS STEP MOVING

DIMENSION TO A MINIMUM DEPTH OF 8 INCHES OVER THE GSF MODULES AND FINAL COVER FOR VEGETATION OF 4 INCHES TO 6 INCHES OF CLEAN LOAM. 10. ANY SYSTEM WHICH IS MORE THAN 18 INCHES BELOW FINISH GRADE AS MEASURED FROM THE TOP OF THE MODULE SHALL BE VENTED.

9. BACKFILL MATERIAL SHALL BE CLEAN WITH NO ROOTS OR STONES LARGER THAN 2 INCHES IN ANY

W/ALARM CENTRALLY LOCATED IN BLDG. MECHANICAL ROOM 30" CAST IRON WATERTIGHT_ BOLT DOWN LOCKABLE COVER 4"ø GALV. STEEL SCH.40 AIR INTAKE JUNCTION __ VENT WITH 16 MESH EXIST. GRADE SCREEN ALUMINUM HATCH DOOR PLAN VIEW 24"x24" OR 30"x30" FOR A 4' ID CHAMBER, DOOR IS \\\\ION WATERTIGHT W/DRAIN AND 2" SDR 21— HAS A PADLOCK HASP. 300 PSF OR H20 LOAD RATING 3/8" WEEP HOLE IN ROOF OPTION: USE CAST OF EJECTOR PIPE TO IRON 6" FRAME AND 32 EZING OF EFFLUENT BOLT DOWN COVER, H20 E MAIN. FORCE MAIN *FLOAT E BACK-PITCHED A LOAD RATING SWITCHES ALLOW FORCEMAIN TO DRAIN INTO CHAMBER. EXTENDED BASES CAN BE ADDED IN AREAS WHERE HIGH GROUND WATER MAY CAUSE FLOTATION.

> 4' & 6' ID ALSO AVAILABLE ALL CHAMBERS ARE CUSTOM MADE AS NEEDED. *7" MINIMUM ELEVATION CHANGE BETWEEN ON AND OFF FLOATS RECOMMENDED FOR PROPER OPERATION; USE A PRESSURE BELL SYSTEM FOR SMALLER DOSES (CSI CONTROLS RK SERIES).

CONCRETE MIN. STRENGTH: 4,000 PSI AT 28 DAYS 1. NO JUNCTION BOXES, SPLICES, OR ELECTRICAL CONNECTIONS REINFORCEMENT: WWM & REBAR/ASTM C478 OF ANY KIND SHALL BE LOCATED W/I THE PUMP CHAMBER. AIR ENTRAINMENT: 6% 2. PUMP CHAMBER BALL VALVE TO BE ACCESSIBLE FROM PIPE CONNECTION: BUTYL RUBBER SEALANT OR EQUIV. GRADE FOR PUMP THROTTLING IF NECESSARY 3. PUMP: LIBERTY PUMP MODEL 257 OR EQUAL VOLUME: 94 GAL/VERTICAL FOOT (4' DIA. MODELS) 4. CAULK ALL OPENINGS FOR CONDUITS & VENTS. 147 GAL/VERTICAL FOOT (5' DIA. MODELS) 212 GAL/VERTICAL FOOT (6' DIA. MODELS)
LOAD RATING: 300 PSF OR HS20-44
ANY OPENINGS AT GRADE MUST BE LOCKABLE

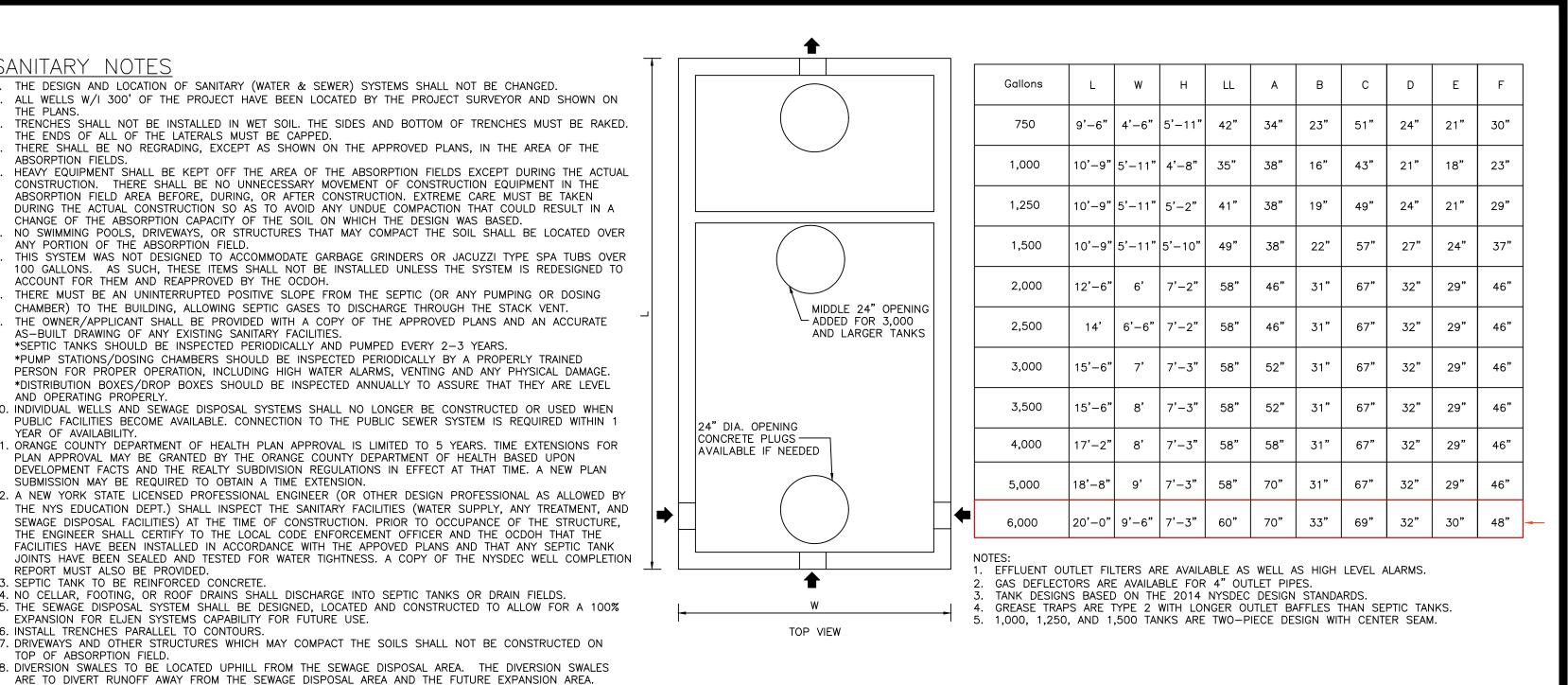
PUMP & PUMP CHAMBER SPECIFICATIONS PUMP SPECIFICATIONS FOR SP-4:
CONSIDERING A GOULDS SUBMERSIBLE EFFLUENT PUMP MODEL NO. GSP0311, OR EQUAL

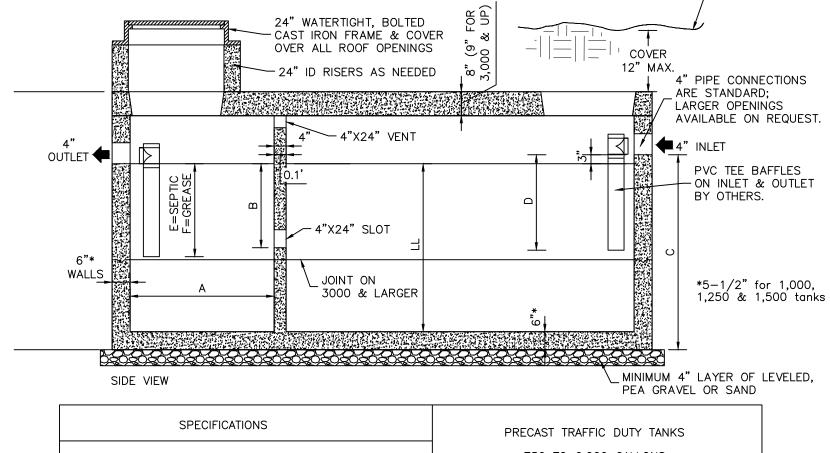
TOWN APPROVAL

ALL APPLICABLE NEC REQUIREMENTS SHALL BE MET

PUMP CHAMBER & FLOAT SWITCHES: THE FLOAT SWITCHES SHOULD BE 3.84' (OFF) AND 5.5' ABOVE THE FLOOR OF THE TANK. WHICH WILL PUMP APPROX. 351 GAL. INTO THE FIELDS. THE ALARM SWITCH SHOULD BE SET AT 8.34' ABOVE THE FLOOR OF THE TANK. RESERVE CAPACITY IS NOT REQUIRED AS GENERATOR BACKUP IS PROPOSED. THREE (3) FOUR-FOOT CHAMBER SECTIONS ARE NEEDED AUDIO AND VISUAL ALARM SHOULD BE CENTRALLY LOCATED WITHIN THE MECHANICAL ROOM FOR THE PROPOSED BUILDING. ALL APPLICABLE NEC REQUIREMENTS FOR THE PUMP CHAMBER SHALL BE MET.

> PRECAST PUMP CHAMBER COMMERCIAL GRADE (SP-4) NOT TO SCALE

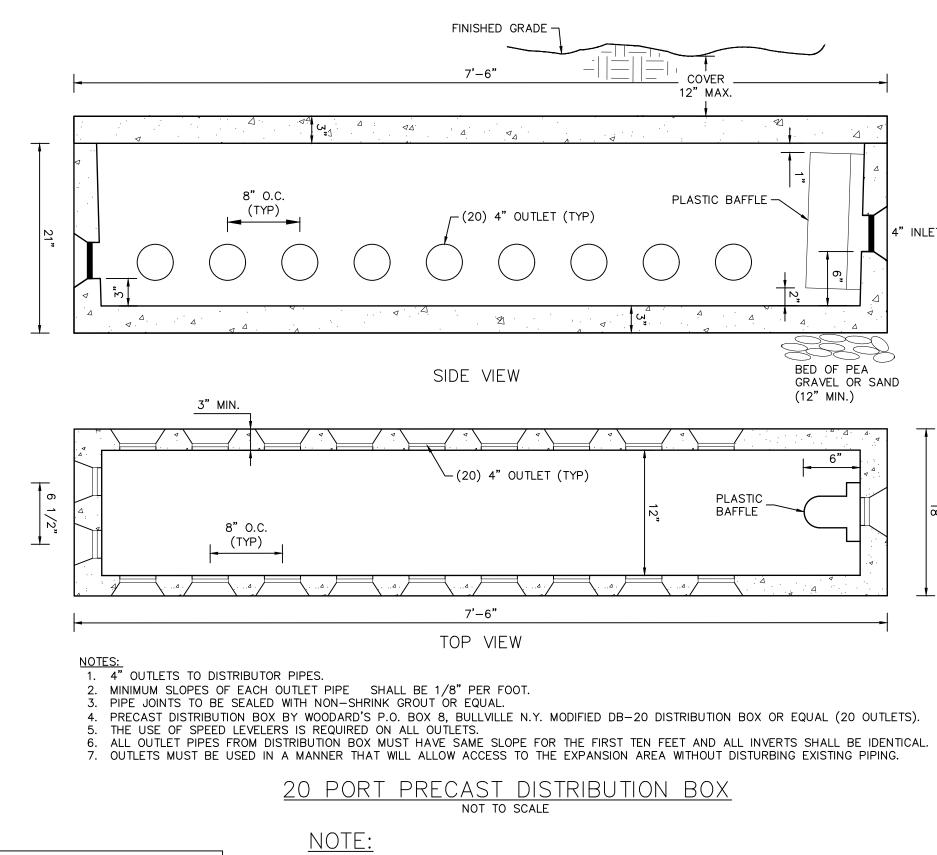


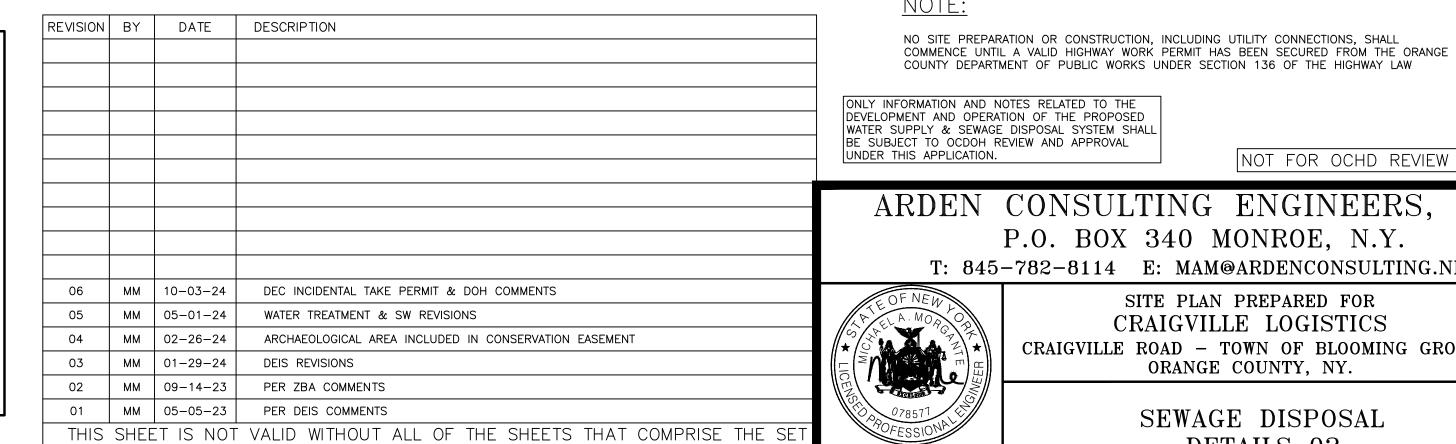


-FINISHED GRADE

SPECIFICATIONS	PRECAST TRAFFIC DUTY TANKS		
CONCRETE MIN. STRENGTH: 4,000 PSI AT 28 DAYS REINFORCEMENT: #4 & #5 REBAR / ASTM A615	750 TO 6,000 GALLONS SEPTIC TANKS & GREASE TRAPS		
AIR ENTRAINMENT: 6% CONSTRUCTION JOINT: BUTYL RUBBER SEALANT PIPE CONNECTION: POLYLOK SEAL OR AS NEEDED LOAD RATING: HS20-44 + 30% / ASTM C857	WOODARD'S CONCRETE PRODUCTS, INC. OR EQUAL 629 LYBOLT ROAD, BULLVILLE, NY 10915 (845) 361-3471 / FAX 361-1050		
	Page 4A 7/28/20		

6,000 GALLON SEPTIC TANK





ARDEN CONSULTING ENGINEERS, PLLC P.O. BOX 340 MONROE, N.Y. T: 845-782-8114 E: MAM@ARDENCONSULTING.NET SITE PLAN PREPARED FOR CRAIGVILLE LOGISTICS

SEWAGE DISPOSAL

DETAILS 02

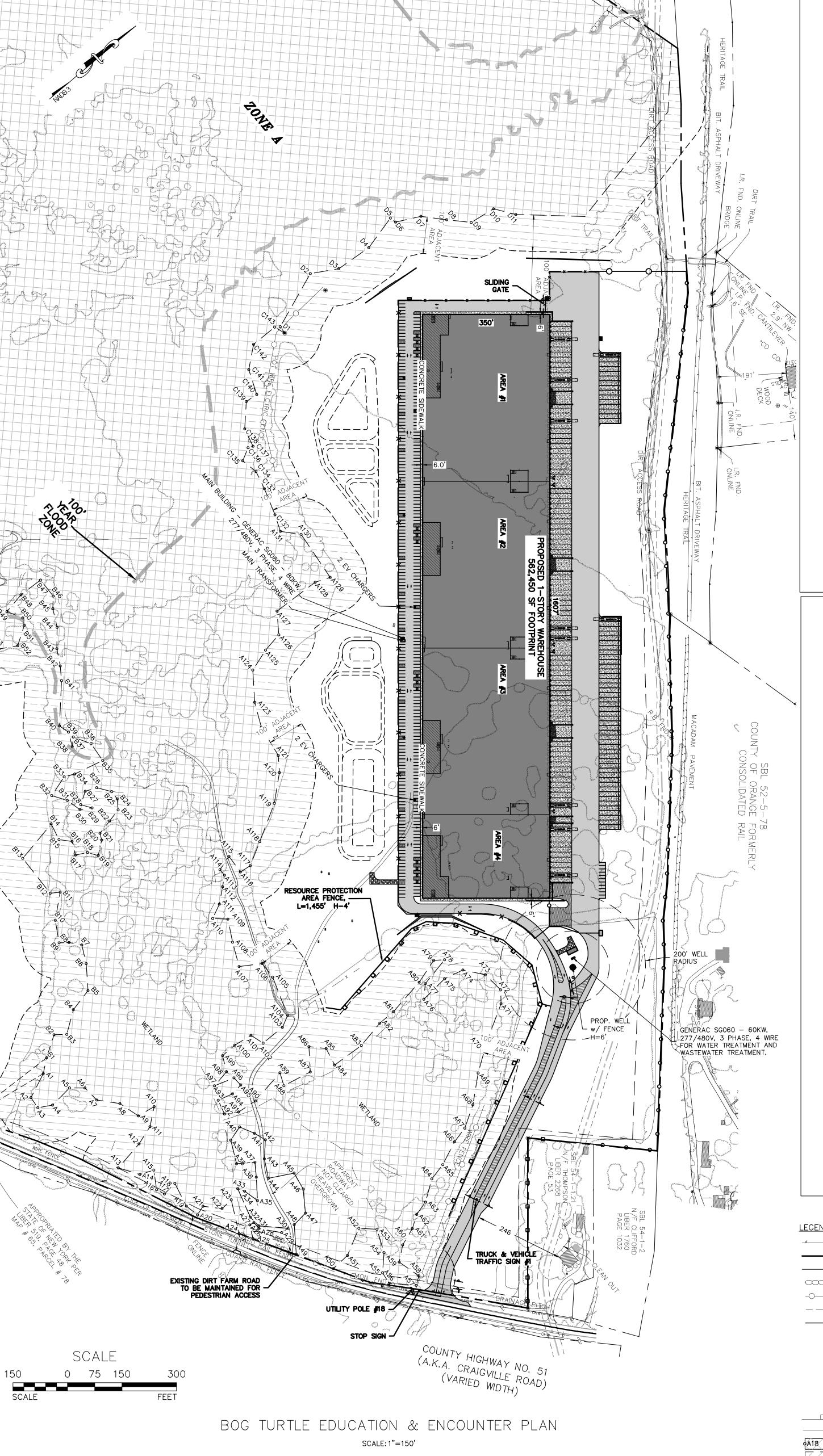
UDIG NY MUST BE CONTACTED PRIOR TO ANY EXCAVATION OR DEMOLITION

COPYRIGHT 2020. ARDEN CONSULTING ENGINEERS. P.L.L.C. — ALL RIGHTS RESERVED

ICHAEL A. MORGANTE, P.E. LIC. NO. 78577

CRAIGVILLE ROAD - TOWN OF BLOOMING GROVE ORANGE COUNTY, NY. MM CHECKED:

NOT FOR OCHD REVIEW & APPROVAL



NYSDEC ACCESS NOTE:

IT IS THE INTENT OF THE SITE OWNER (THE "GRANTOR") TO ALLOW THE NYSDEC (THE "GRANTEE") ACCESS TO THE SITE. THE ACCESS TO

THE SITE IS IN THE INTEREST OF DOCUMENTING AND PRESERVING THE BOG TURTLE HABITAT ON THE SITE. THE ACCESS IS INTENDED FOR

THE NYSDEC BUREAU OF WILDLIFE STAFF IN THE EVENT FUNDING IS MADE AVAILABLE FOR NYSDEC STAFF TO CONDUCT SUCH A HABITAT

STUDY ON THE SITE. THE GRANTOR AND GRANTEE UNDERSTAND THAT SUCH STUDY MAY INVOLVE MINOR SITE ALTERATIONS ON THE SITE

GRANTEE. IN FURTHERANCE OF THIS AND WITH PRIOR NOTICE OF AT LEAST 10 DAYS TO THE GRANTOR OF ANY SITE VISIT. THE GRANTOR

HEREBY GRANTS PERMISSION TO THE NYSDEC AND ITS AUTHORIZED CONSULTANTS TO ACCESS TO THE SITE UNDER THE SUPERVISION OF

SUCH AS TRAP SETTINGS, CLEARING OF UNDERSTORY FOR NESTING SITES, ETC. ANY ALTERATIONS SHALL BE PERFORMED ONLY AFTER

NYSDEC APPROVAL OF THE PROGRAM AND ONLY UNDER THE SUPERVISION AND WITH THE APPROVAL OF THE GRANTOR AND OR THE

THE GRANTOR AND/OR THE GRANTEE FOR THE PURPOSE OF PERFORMING THE ACTIVITIES.

WARNING- IT IS A VIOLATION OF NEW YORK EDUCATIONAL

LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS ACTING

FNGINEER OR LAND SURVEYOR TO ALTER THIS DOCUMENT IN

ONLY MAPS WITH EMBOSSED SEALS ARE GENUINE COPIES

OF THE ORIGINAL WORK AND OPINION. MAPS NOT BEARING

EMBOSSED SEALS SHOULD NOT BE RELIED UPON SINCE OTHER

THAN EMBOSSED-SEAL COPIES MAY CONTAIN UNAUTHORIZED

ND UNDETECTABLE MODIFICATIONS, DELETIONS, ADDITIONS

UNDER THE DIRECTION OF A LICENSED PROFESSIONAL

ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL

COMPLY WITH THE REQUIREMENTS OF NEW YORK

EDUCATIONAL LAW, SECTION 7209.2

ND CHANGES.

BOG TURTLE EDUCATION & ENCOUNTER PLAN

Craigville Logistics, LLC Craigville Road **Town of Blooming Grove**

May 16, 2023

Applicant Information: Menachem Glatzer Key Developers NY Inc. 670 Myrtle Avenue Suite 370 Brooklyn, NY 11205

Note: This report in conjunction with the project plans make up the complete Bog Turtle **Education & Encounter Plan.**

> Prepared by: Michael Nowicki / Ecological Solutions LLC 121 Leon Stocker Drive Stratton, VT 05360

Bog Turtle Education & Encounter Plan for Craigville Logistics

2. Residents and/or staff are not to touch the turtle. The turtle is not to be collected

3. Turtles can only be moved by a qualified biologist with knowledge of bog turtles and relocation procedures, who is licensed by the NYSDEC to handle bog turtles.

4. Residents or staff should contact a qualified biologist to safely move the bog turtle

5. Activities will not re-commence until the permitted person arrives at the site to

6. In addition, if a bog turtle is found on the premises, the New York State

location of the turtle until it is removed back to the wetland.

disposed to prevent runoff into drains or waterways.

• NYSDEC Bog Turtle Fact Sheet (www.dec.ny.gov/animals/7164.html)

(https://www.fws.gov/northeast/nyfo/es/bogturtle.htm)

FOR ADDITIONAL INFORMATION ON BOG TURTLES, REFER TO THE FOLLOWING

• NY Natural Heritage Program Animal Guidance (www.acris.nynhp.org/guide.php?id=7507) • US Fish and Wildlife Service New York Field Office Bog Turtle Website

move the bog turtle to a safe area. The resident or staff should monitor the

Department of Environmental Conservation (NYSDEC) Wildlife Office at 845-256-

3098 or Wildlife.R3@dec.ny.gov, and the United States Fish and Wildlife Service

(USFWS) New York Field Office at 607-753-9334, must be contacted with 24

hours. Please provide the location, the project name, and an explanation of the

7. Lawn fertilizer shall be applied at the manufacturer's recommended time of year,

8. Lawn fertilizers, pesticides and herbicides shall be applied per the manufacturer's recommendations and shall be applied at the minimum rate needed to accomplish

9. Lawn fertilizers, pesticides and herbicides applied or spilled on impervious

surfaces, such as driveways or walkways, shall be cleaned up and properly

but not after December 1st for fall applications or before April 1st for spring

Procedure for Bog Turtle Encounter and Relocation

In the event that a bog turtle is found on site:

back into the wetland.

Mitigation Measures

RESOURCES:

APPENDIX A

applications.

the intended use.

Michael Nowicki at 203-910-4716

Contact Information for Qualified Biologist:

Activities will cease immediately (e.g. mowing).

Craigville Logistics, LLC

Summary of Proposed Conservation Measures for the Bog Turtle

CONSTRUCTION

Worker Training

- At the pre-construction meeting for the project, the designated, knowledgeable biologist (the Biologist) will review the project's Bog Turtle Education and Encounter Plan (BTEEP) with the site Engineer and the Contractors, and will provide them with necessary information to identify and watch out for turtles during construction, and to provide similar
- training to all personnel working on the site during construction. • A copy of the BTEEP will be posted on-site at the construction office and copies of the BTEEP pamphlet will be provided to personnel as part of their training.

Turtle Barrier Fence

- Prior to the start of construction at the site, and within the bog turtle hibernation period (between October 31st and March 31st, in accordance with the BTEEP and the project's Construction Sequence, a continuous row of Turtle Barrier Fence (Double Silt Fence) will be installed between the construction area and the wetland/buffer area, in the general location as shown on the site plans.
- The Turtle Barrier Fence will be:
 - 1. Installed in accordance with the Turtle Barrier Fence / Double Silt Fence Detail provided on Drawing D-1 of the site plans.

2. Buried at the bottom a minimum of 6" into the ground, per the Detail.

- 3. Examined each day by construction workers until construction activities are completed. Any breaches in the silt fencing must be repaired immediately. Work will not re-commence until the permitted person arrives at the site to move the bog turtle to a safe area away from the construction. A worker shall be assigned to monitor the location of the turtle until it is removed from the construction area. In addition, work can not recommence until the NYSDEC provides notice in writing that work can proceed.
- Turtle Barrier Fencing will be maintained until the completion of the project and then completely removed after construction activities are completed.

Additional Mitigation Measures during Construction

- The contractor shall minimize open excavations and structures to avoid turtle pit fall hazards. Excavations completed between April 1st and October 1st shall be backfilled on the same day or a ramp (30-degree angle maximum) will be placed inside the excavation to enable turtles to climb out.
- No construction work or staging of equipment will occur in the wetland or within the potential bog turtle habitat area. Such activities will only be conducted in accordance with the approved site plans.

Bog Turtle Education & Encounter Plan for Craigville Logistics

- All stormwater basins are designed to be constructed with interior slopes graded at a
- maximum of 3H:1V, which would allow turtles and other wildlife to escape. • Disturbed areas will be stabilized within 7 days of final grading with permanent cover in the form of vegetation or pavement, as appropriate, in accordance with the Erosion and Sediment Control Notes prepared by Michael Morgante, PE

Procedure for Bog Turtle Encounter and Relocation

- In the event that a bog turtle is found within the work area: 1. All work will cease immediately.
- 2. Workers are not to touch the turtle. The turtle is not to be collected or persecuted. 3. Turtles can only be moved by a qualified biologist with knowledge of bog turtles
- and relocation procedures, who is licensed by the NYSDEC to handle bog turtles. 4. Workers are to contact the contractor in charge, who will contact a qualified biologist to safely move the bog turtle out of the construction zone and place back into the wetland.

Contact Information for Qualified Biologist: Michael Nowicki at 203-910-4716

- 5. Work will not re-commence until the permitted person arrives at the site to move the bog turtle to a safe area away from the construction, A worker shall be assigned to monitor the location of the turtle until it is removed from the construction area.
- 6. If the turtle is found within the turtle barrier fence, work cannot re-commence until the fencing is inspected by and signed off on by the qualified biologist, and until the NYSDEC provides notice in writing that work can proceed.
- 7. In addition, the New York State Department of Environmental Conservation (NYSDEC) Wildlife Office at 845-256-3098 or Wildlife.R3@dec.ny.gov, and the United States Fish and Wildlife Service (USFWS) New York Field Office at 607-753-9334, must be contacted with 24 hours if a bog turtle is found on the premises. Please provide the location, the project name, and an explanation of the incident.

POST-CONSTRUCTION - FOR WORKERS, MAINTENANCE STAFF, & the PUBLIC

- All staff will be provided with a copy of the BTEEP.
- A copy of the BTEEP will be available on-site at the office.
- Copies of the BTEEP will be provided to maintenance staff as part of their training.

Bog Turtle Education & Encounter Plan for Craigville Logistics

Bog Turtle Education and Encounter Plan

This document provides information on bog turtles and describes measures that will be taken during construction activities to avoid negative impacts to any bog turtles that may be at this location. All individuals participating in construction activities on-site will read this document and follow the procedures outlined below.

This project site is located in an area of known bog turtle presence. The bog turtle is New York's smallest turtle. Bog turtles usually inhabit open-canopy wet meadows, sedge meadows, and calcareous fens, but can also travel through upland areas. They prefer habitat with cool, shallow, slow-moving water, deep muck soils, and tussock-forming vegetation, and are highly sensitive to changes in water quality and hydrology. The bog turtle is listed as "Threatened" at the federal level and "Endangered" in New York. Under the New York State Environmental Conservation Law (ECL), it is illegal for any person to disturb, move, harass, injure, or kill a bog turtle, except under a permit or license from the New York State Department of Environmental Conservation (DEC). It is also illegal to import, transport, possess, or sell a bog turtle or any part of one. A violation of the ECL is punishable by both criminal and civil penalties.

• All construction personnel working at this site will watch for bog turtles and will check for turtles under and around vehicles and large equipment before moving them. • If a bog turtle is seen at or near the construction site, all work will immediately stop and all

personnel will move away from the turtle. • The contractor in charge will be notified of the turtle's presence and the turtle will be watched from a distance until it leaves the property.

• Work will not resume until the turtle has left the work area. • If the turtle **does not** move away on its own, the contractor in charge will contact the DEC Region 3 Bureau of Wildlife at 845-256-3098 for information regarding next steps and arranging for the turtle to be moved in a manner that complies with New York State Law.

• If the turtle **does** depart on its own, the contractor in charge will notify DEC of the encounter within 24 hours at 845-256-3098 or Wildlife.R3@dec.ny.gov. Any voice mail or e-mail message left will include the location, the project name, and a description of the encounter.

Identification: Bog turtles reach a maximum length of 4.5 inches. A distinctive feature of this species is the bright yellow or orange blotch on each side of the head and neck. The body color is dark with an orange-red wash on the inside of the legs of some individuals. The upper shell is domed and somewhat rectangular, often with prominent rings on the shell plates. Older individuals may have smooth or polished shells, likely a result of burrowing into coarse soils. Generally dark brown, the shell is sometimes highlighted by a chestnut sunburst pattern in each plate. The lower shell is not hinged and is patterned with black blotches.

THIS SHEET IS NOT VALID WITHOUT ALL OF THE SHEETS THAT COMPRISE THE

Bog Turtle Education & Encounter Plan for Craigville Logistics



4'-0"

EXISTING EDGE OF PAVEMENT EXISTING PROPERTY LINE EXISTING ADJACENT PROPERTY LINE EXISTING STONE WALL — EXISTING FENCE LINE _____ EXISTING SEWER FORCEMAIN EASEMENT LINE EXISTING SEWER LINE EXISTING AIR RELEASE VALVE EXISTING INLET EXISTING SIGN POST EXISTING SIGN EXISTING PROPERTY CORNER EXISTING UTILITY POLE EXISTING GUARD RAIL

COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE

COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW

-----OHW -----OHW ------ EXISTING OVERHEAD WIRE A190 NYSDEC WETLAND/SURFACE WATER QUALITY OVERLAY 100' ADJACENT AREA/SURFACE WATER OVERLAY 100 YEAR FLOOD ZONE BOUNDARY

EXISTING TREE LINE

NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL

EXISTING YELLOW LINE EXISTING BUILDING PROPOSED PAVEMENT ---- PROPOSED DRY SWALE PROPOSED CHAIN LINK FENCE PROPOSED NOISE ABATEMENT FENCE PROPOSED WALL PROPOSED SPLIT RAIL FENCE

PROPOSED WELL PROPOSED CONCRETE

EXISTING WHITE LINE

APPROVAL UNDER THIS APPLICATION.

DO NOT ENTER ANY USE OR MODIFICATION OF THIS AREA IS PROHIBITED <u>SIGN</u> 24" X 18"

RESOURCE PROTECTION AREA SIGN DETAIL NOT TO SCALE NOTES:

UDIG NY MUST BE CONTACTED PRIOR TO

ANY EXCAVATION OR DEMOLITION

RESOURCE PROTECTION AREA

ONLY INFORMATION AND NOTES RELATED TO THE DEVELOPMENT AND OPERATION OF THE PROPOSED WATER SUPPLY & SEWAGE DISPOSAL SYSTEM SHALL BE SUBJECT TO OCDOH REVIEW AND

NOT FOR OCHD REVIEW & APPROVAL | REVISION | BY | DATE | DESCRIPTION

DEC INCIDENTAL TAKE PERMIT & DOH COMMENTS 04 | MM | 10-03-24 | WATER TREATMENT & SW REVISIONS 03 | MM | 05-01-24 | ARCHAEOLOGICAL AREA INCLUDED IN CONSERVATION EASEMENT 02 | MM | 02-26-24 SIGN SHALL BE ATTACHED ON BOTH 01 | MM | 01-29-24 | DEIS REVISIONS SIDES OF THE SPLIT RAIL FENCE

– 10'–0" — 1'-0" MIN. —

1. TWO POST SPLIT RAIL RUSTIC FENCE TO BE CEDAR. 2. 2"x4" X 14 GAUGE PVC BLACK VINYL COATED WELDED WIRE FENCE TO BE ATTACHED TO INTERIOR

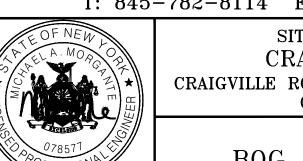
OF SPLIT RAIL FENCING. 3. FENCING TO INCLUDE 10' WIDE DOUBLE SWING GATE AROUND STORMWATER MANAGEMENT FACILITIES. 4. ALL FENCING TO BE INSTALLED WITH WELDED WIRE FENCE AROUND STORMWATER MANAGEMENT

FACILITIES, ALONG RETAINING WALLS AND AROUND AREAS AS INDICATED ON PLAN.

NOT TO SCALE

COPYRIGHT 2020. ARDEN CONSULTING ENGINEERS, P.L.L.C. - ALL RIGHTS RESERVED

SPLIT POST FENCE DETAIL ARDEN CONSULTING ENGINEERS, PLLC P.O. BOX 340 MONROE, N.Y.



ICHAEL A. MORGANTE, P.E

LIC. NO. 78577

T: 845-782-8114 E: MAM@ARDENCONSULTING.NET

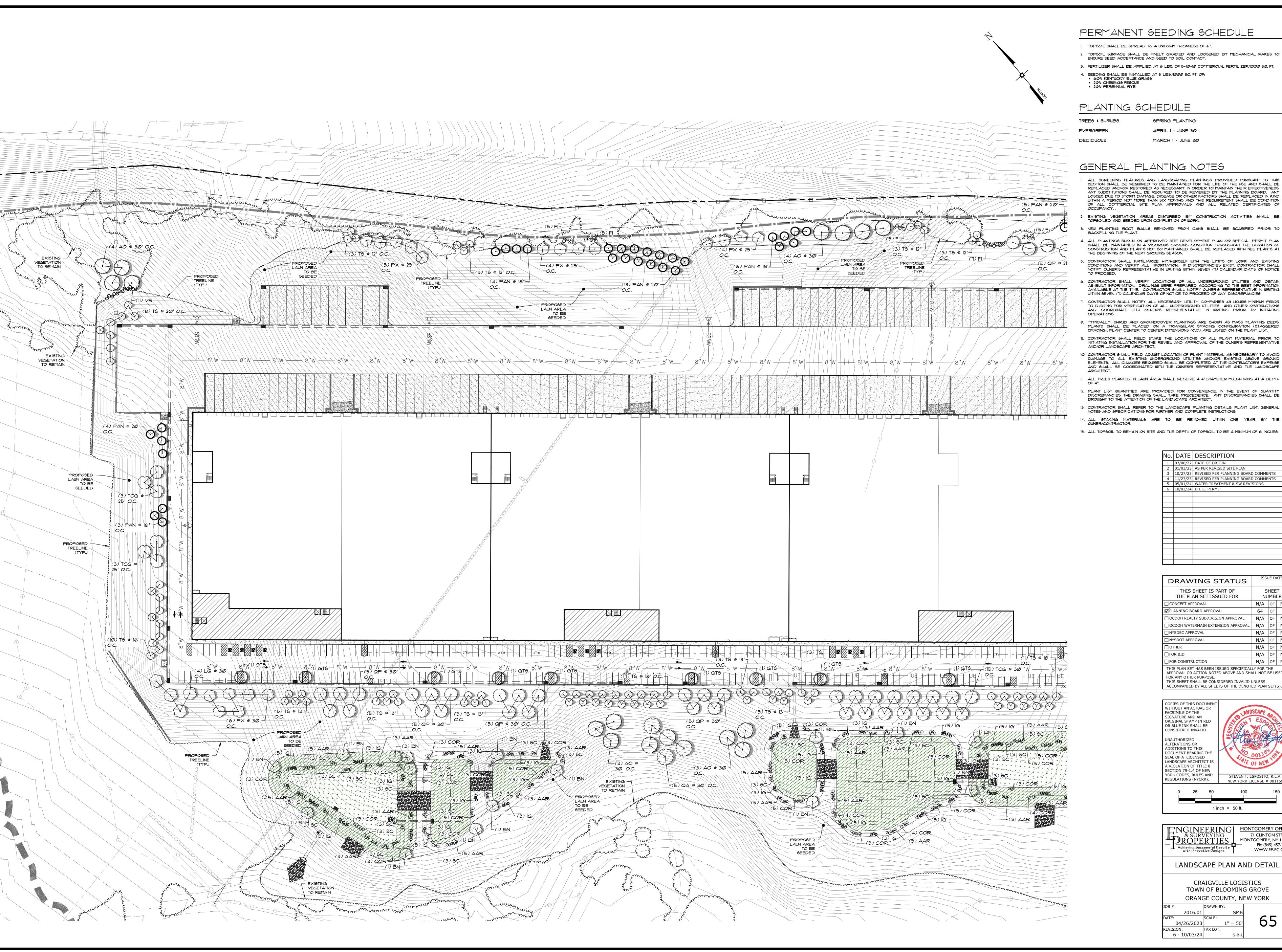
SITE PLAN PREPARED FOR CRAIGVILLE LOGISTICS CRAIGVILLE ROAD - TOWN OF BLOOMING GROVE ORANGE COUNTY, NY.

TOWN APPROVAL

CHECKED:

BOG TURTLE EDUCATION

& ENCOUNTER PLAN



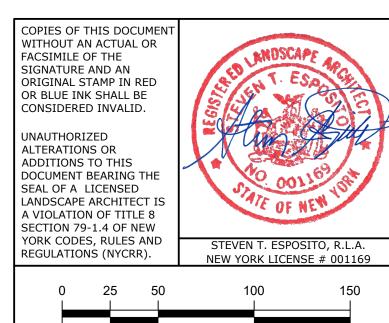
- 2. TOPSOIL SURFACE SHALL BE FINELY GRADED AND LOOSENED BY MECHANICAL RAKES TO
- 3. FERTILIZER SHALL BE APPLIED AT 6 LBS. OF 5-10-10 COMMERCIAL FERTILIZER/1000 SQ. FT.

- SECTION SHALL BE REQUIRED TO BE MAINTAINED FOR THE LIFE OF THE USE AND SHALL BE REPLACED AND/OR RESTORED AS NECESSARY IN ORDER TO MAINTAIN THEIR EFFECTIVENESS. ANY SUBSTITUTIONS SHALL BE REQUIRED TO BE REVIEWED BY THE PLANNING BOARD. ANY LOSSES DUE TO STORM DAMAGE, DISEASE OR OTHER FACTORS SHALL BE REPLACED IN KIND WITHIN A PERIOD NOT MORE THAN SIX MONTHS AND THIS REQUIREMENT SHALL BE CONDITION
- EXISTING YEGETATION AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE
- NEW PLANTING ROOT BALLS REMOVED FROM CANS SHALL BE SCARIFIED PRIOR TO
- ALL PLANTINGS SHOWN ON APPROVED SITE DEVELOPMENT PLAN OR SPECIAL PERMIT PLAN SHALL BE MAINTAINED IN A VIGOROUS GROWING CONDITION THROUGHOUT THE DURATION OF
- CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING
- CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN (7) CALENDAR DAYS OF NOTICE
- AVAILABLE AT THE TIME. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN (1) CALENDAR DAYS OF NOTICE TO PROCEED OF ANY DISCREPANCIES. 1. CONTRACTOR SHALL NOTIFY ALL NECESSARY UTILITY COMPANIES 48 HOURS MINIMUM PRIOR TO DIGGING FOR VERIFICATION OF ALL UNDERGROUND UTILITIES AND OTHER OBSTRUCTIONS AND COORDINATE WITH OWNER'S REPRESENTATIVE IN WRITING PRIOR TO INITIATING
- 8. TYPICALLY, SHRUB AND GROUNDCOVER PLANTINGS ARE SHOWN AS MASS PLANTING BEDS. PLANTS SHALL BE PLACED ON A TRIANGULAR SPACING CONFIGURATION (STAGGERED SPACING), PLANT CENTER TO CENTER DIMENSIONS (O.C.) ARE LISTED ON THE PLANT LIST.
- 9. CONTRACTOR SHALL FIELD STAKE THE LOCATIONS OF ALL PLANT MATERIAL PRIOR TO INITIATING INSTALLATION FOR THE REVIEW AND APPROVAL OF THE OWNER'S REPRESENTATIVE
- IØ. CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO ALL EXISTING UNDERGROUND UTILITIES AND/OR EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE
- 12. PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY

No.	DATE	DESCRIPTION
1	07/06/22	DATE OF ORIGIN
2	01/03/23	AS PER REVISED SITE PLAN
3	10/27/23	REVISED PER PLANNING BOARD COMMENTS
4		REVISED PER PLANNING BOARD COMMENTS
5	05/01/24	WATER TREATMENT & SW REVISIONS
6	10/03/24	D.E.C. PERMIT

DRAWING STATUS	ISSUE DATE:			
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	SHEET NUMBER			
CONCEPT APPROVAL	N/A	OF	N/A	
☑ PLANNING BOARD APPROVAL	64	OF	65	
OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A	
OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A	
NYSDEC APPROVAL	N/A	OF	N/A	
NYSDOT APPROVAL	N/A	OF	N/A	
OTHER	N/A	OF	N/A	
☐ FOR BID	N/A	OF	N/A	
FOR CONSTRUCTION	N/A	OF	N/A	
THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED				

THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).



(CD)/ CODEC DIVIEC AND					
ORK CODES, RULES AND REGULATIONS (NYCRR).	STEVEN T. ESPOSITO, R.L.A. NEW YORK LICENSE # 001169				
0 25 50	100 150				
1 inch = 50 ft.					
ENGINEERI & SURVEYIN DROPERTI	JG 71 CLINTON STREET				

Ph: (845) 457-7727 WWW.EP-PC.COM

ORANGE COUNTY, NEW YORK

