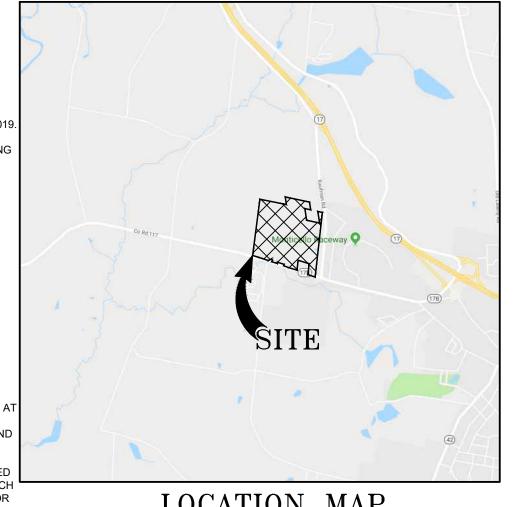
# OHW OHW OHW OHW OHW MOUNTED IN A CONSPICUOUS PLACE AND SHALL BE CLEARLY MARKED AND AVAILABLE FOR USE. ACOE WETLAND ACOE WETLAND LOAD OUT ZONE REPUTED OWNER: EMPIRE PETRO CORP. TAX MAP ID: 12.-1-54.2 DEED BOOK: 1263, PAGE: 218 (FILED MAP LOT X) REPUTED OWNER: MALTESE TAX MAP ID: 12.-1-47 DEED BOOK: 2033, PAGE: 109 (FILED MAP LOT X) DROP ZONE 500' REPUTED OWNER: SETBACK ROUTE 17B HOTEL TAX MAP ID: 131.-1-4 DEED BOOK: 2015, PAGE: 6605 (FILED MAP LOT X) TAX LOTS TO BE COMBINED LOT LINE TO BE REMOVED – WEHICLE STORAGE – AREA DEC WETLAND MO-49 100-YEAR — FLOODPLAIN ACOE WETLAND A WETLAND BERGARI CORP. TAX MAP ID: 12.-1-56 DEED BOOK: 794, PAGE: 421 (FILED MAP LOT X) NEW YORK STATE DEC WETLAND FROM EXIST REPUTED OWNER: KOUTSOURAS COMMOGOOD, LLC TAX MAP ID: 12.-1-58 DEED BOOK: 3394, PAGE: 548 (FILED MAP LOT X) DEED BOOK: 1355, PAGE: 72 (FILED MAP LOT X)

### GENERAL NOTES

1. TAX MAP IDENTIFICATION NUMBER: SECTION 12, BLOCK 1, LOT 54.1 & 55

- 2. TOTAL AREA OF SUBJECT PARCEL: 153.3± ACRES.
- 3. BOUNDARY AND PLANIMETRIC INFORMATION BASED UPON FIELD SURVEY AS PERFORMED BY ENGINEERING & SURVEYING PROPERTIES ON DECEMBER 19TH, 2019.
- 4. THE TOPOGRAPHY SHOWN HEREON WAS COMPILED BY ENGINEERING & SURVEYING PROPERTIES PC, FROM USGS 1M HYDRO-FLATTENED DIGITAL ELEVATION MODELS (DEMS) AS DERIVED FROM 2014 SOURCE LIDAR. THE DEMS WERE PROVIDED BY NYS.GIS.GOV. CONTOURS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF
- 5. APPLICANT: SERIES 11, A SEPERATE SERIES OF BBIS INVESTMENT 767, LLC PO BOX 262 COPPELL, TEXAS, 75019
- ESTATE OF ELIAS LIEBOWITZ P.O. BOX 2758 BRIARCLIFF MANOR, NEW YORK, 10510
- BERGARI CORP P.O. BOX 425
- WHITE LAKE, NEW YORK, 12786 7. TOTAL NUMBER OF VEHICLES ABLE TO BE STORED ON SITE IS 13,250 VEHICLES.
- 8. INSIDE AND ADJACENT TO AND CONTIGUOUS WITH SUCH FENCE, A STRIP OF LAND AT LEAST 10 FEET IN WIDTH SHALL BE KEPT FREE OF ALL DRY GRASS OR OTHER VEGETATION OR COMBUSTABLE MATERIAL SO AS TO PROVIDE A FIRE LANE AROUND
- THE ENTIRE OPERATION. 9. THERE SHALL BE MAINTAINED AT EACH OPERATION FOR WHICH A PERMIT IS ISSUED AT LEAST ONE FIRE EXTINGUISHER OF APPROVED DESIGN AND CAPACITY FOR EACH 40,000 SQUARE FETT OF AREA. EACH SUCH FIRE EXTINGUISHER SHALL BE HUNG OR



LOCATION MAP

# SEPTIC DESIGN FLOW

TOTAL DESIGN FLOW:
OFFICE BUILDING: 15 GPD PER EMPLOYEE 20 EMPLOYEES \* 15 GPD/EMPLOYEE = 300 GPD

# WETLAND AREA CALCULATIONS

WETLAND AREA "A"	8.16 ACRES
WETLAND AREA "B"	4.32 ACRES
WETLAND AREA "C"	0.96 ACRES
WETLAND AREA "D"	0.51 ACRES
WETLAND AREA "E"	0.44 ACRES

# BULK REQUIREMENTS

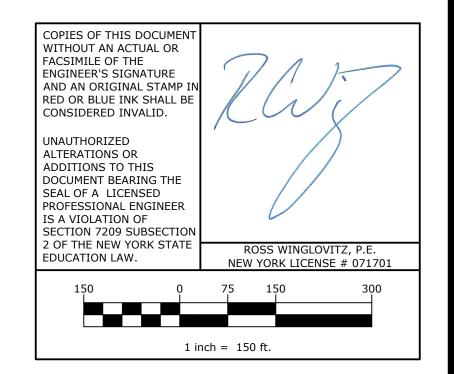
TOWN OF THOMPSON - ZONING DISTRICT CI - COMMERCIAL INDUSTRIAL PROPOSED USES: A. JUNKYARD, OR SALVAGE YARDS, IN ACCORDANCE WITH §250-35

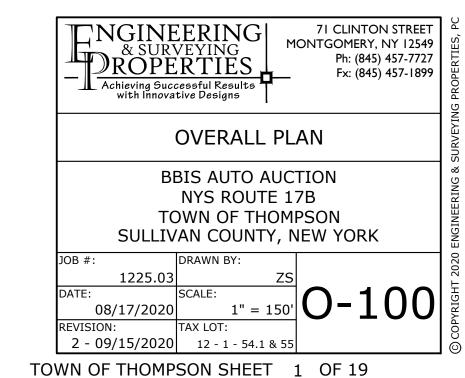
MINIMUM BUILDING REQUIREMENTS	REQUIRED	PROPOSED
LOT AREA	10 ACRES	153.32 ACRES

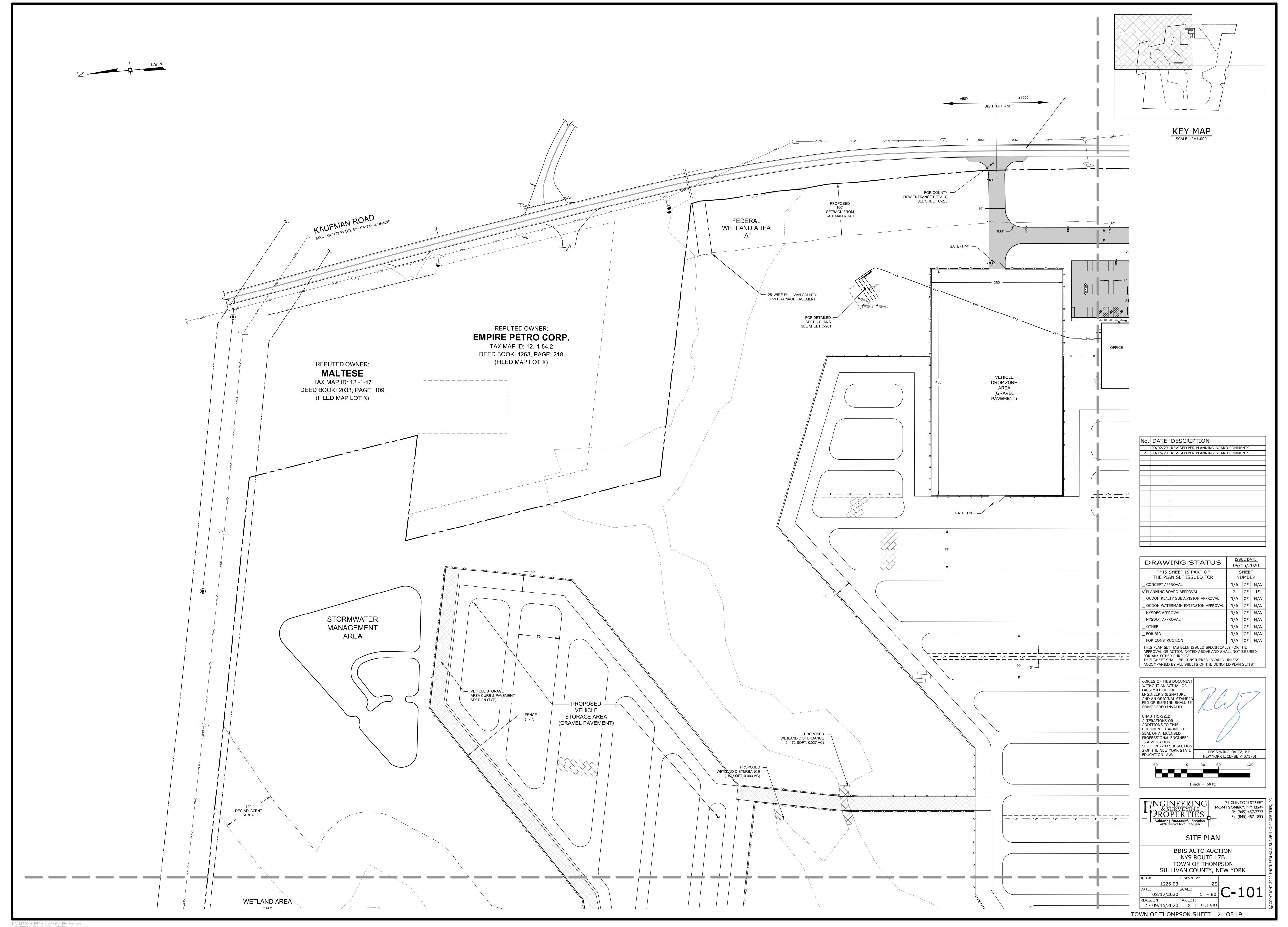
REQUIRED SETBACKS FOR JUNKYARDS, OR SALVAGE YARDS, MUST BE NOT LESS THAN 500 FEET FROM ANY PREXISTING DWELLING

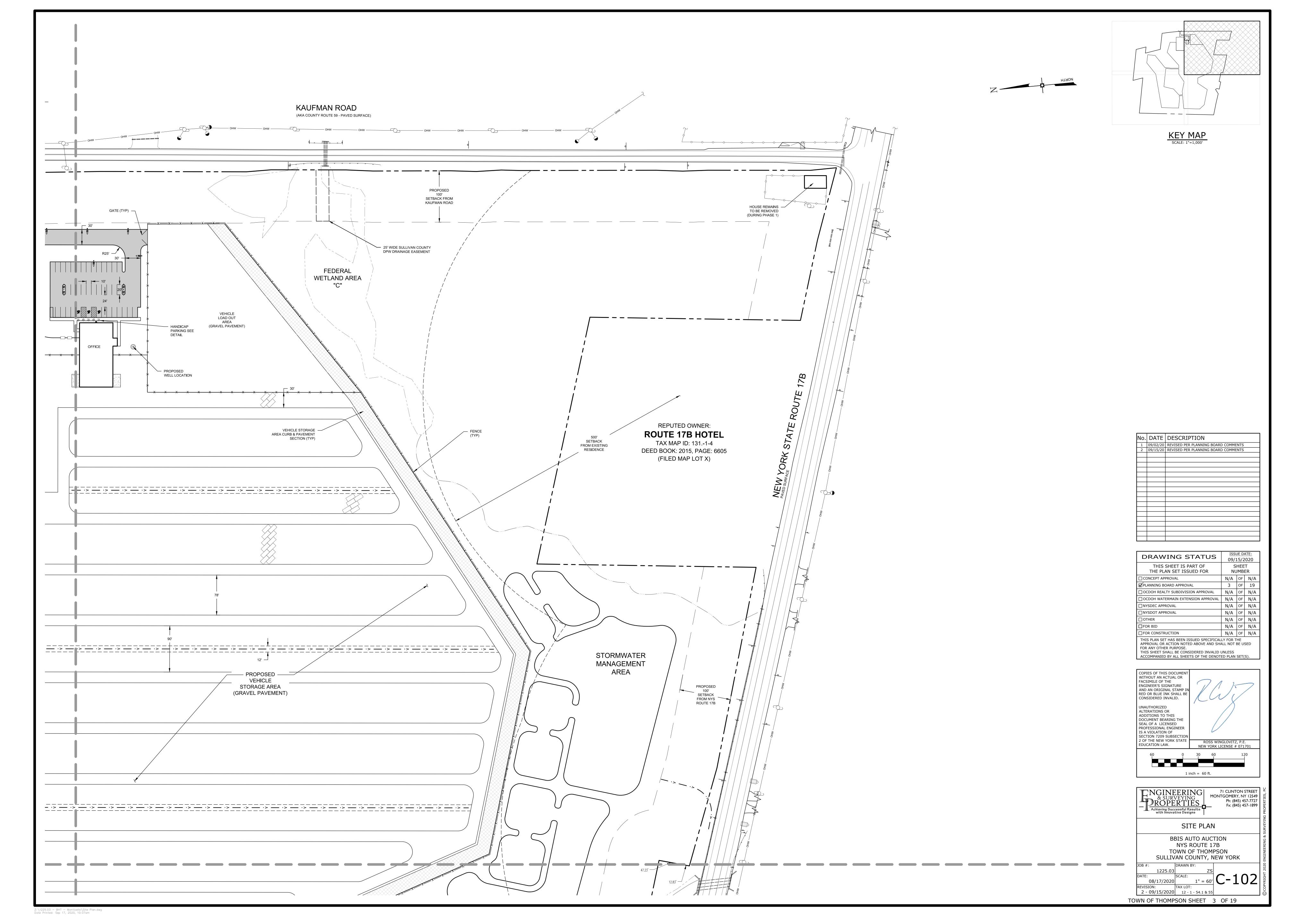
No.	DATE	DESCRIPTION
1	09/02/20	REVISED PER PLANNING BOARD COMMENTS
2	09/15/20	REVISED PER PLANNING BOARD COMMENTS

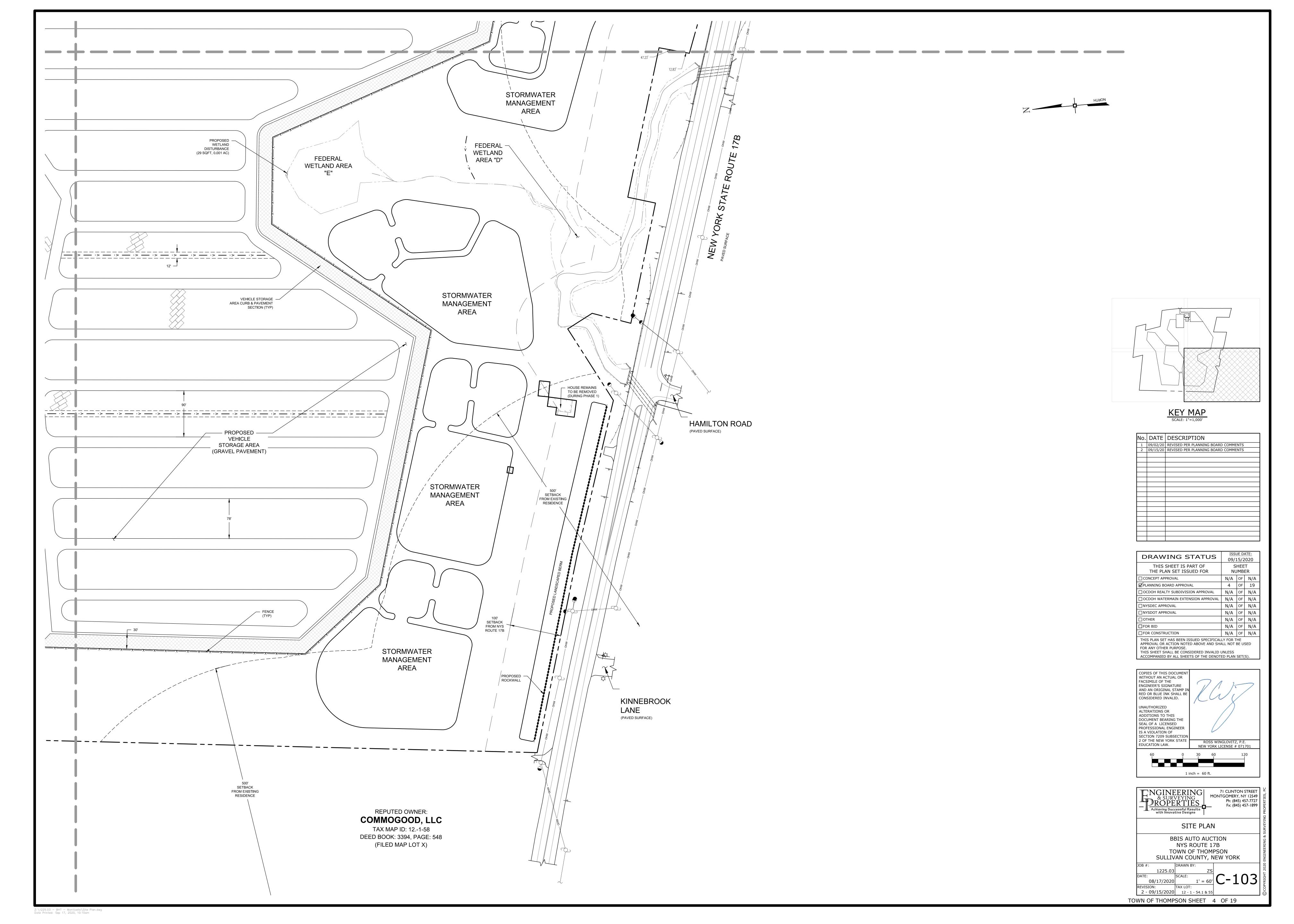
DRAWING STATUS	ISSUE DATE:					
DRAWING STATUS	09/15/2020					
THIS SHEET IS PART OF	s	HEE	Т			
THE PLAN SET ISSUED FOR	NU	JMB	ER			
☐ CONCEPT APPROVAL	N/A	OF	N/A			
☑ PLANNING BOARD APPROVAL	1	OF	19			
OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A			
OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A			
NYSDEC 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 FOR ANY OTHER PURPOSE. THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).						

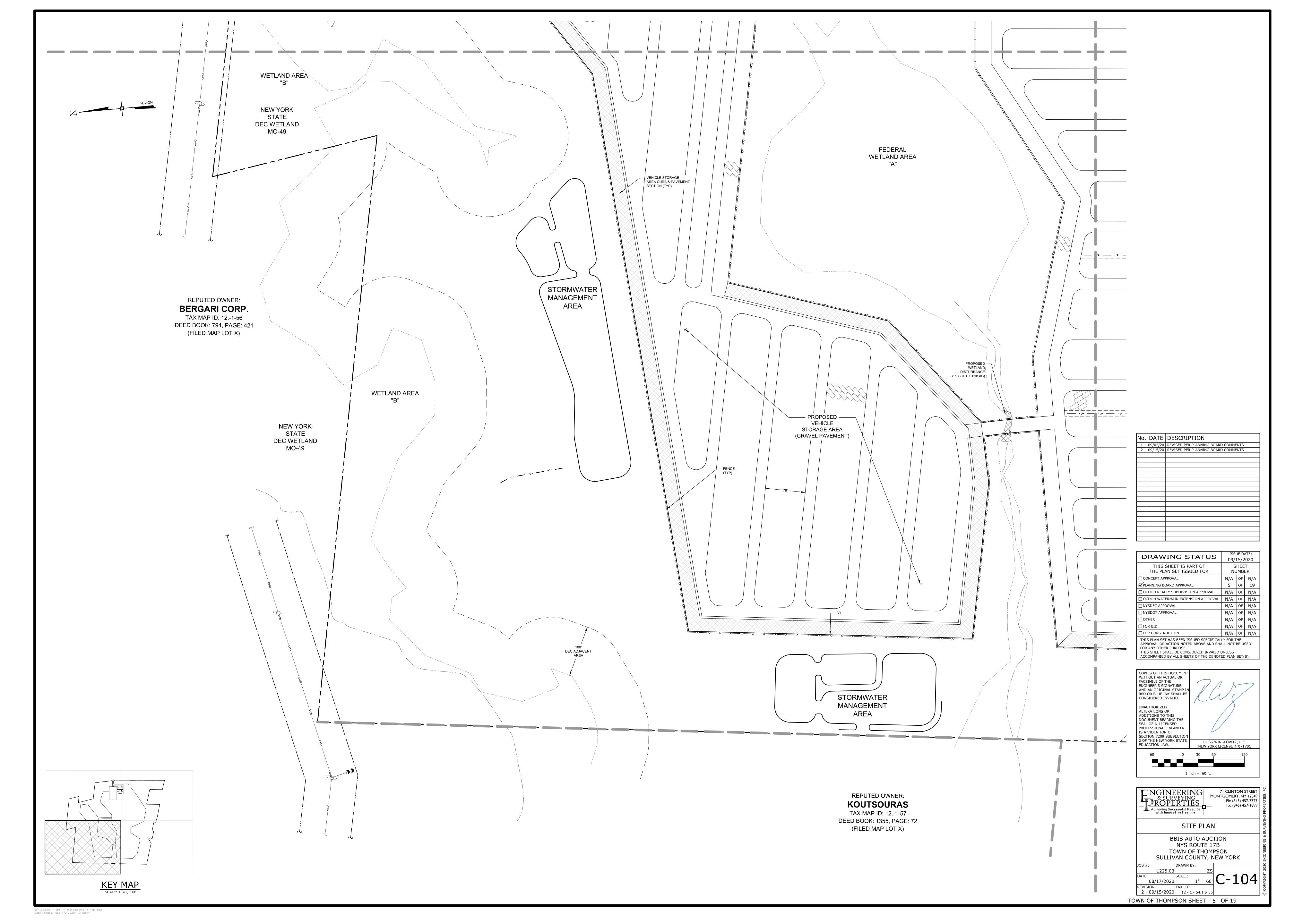


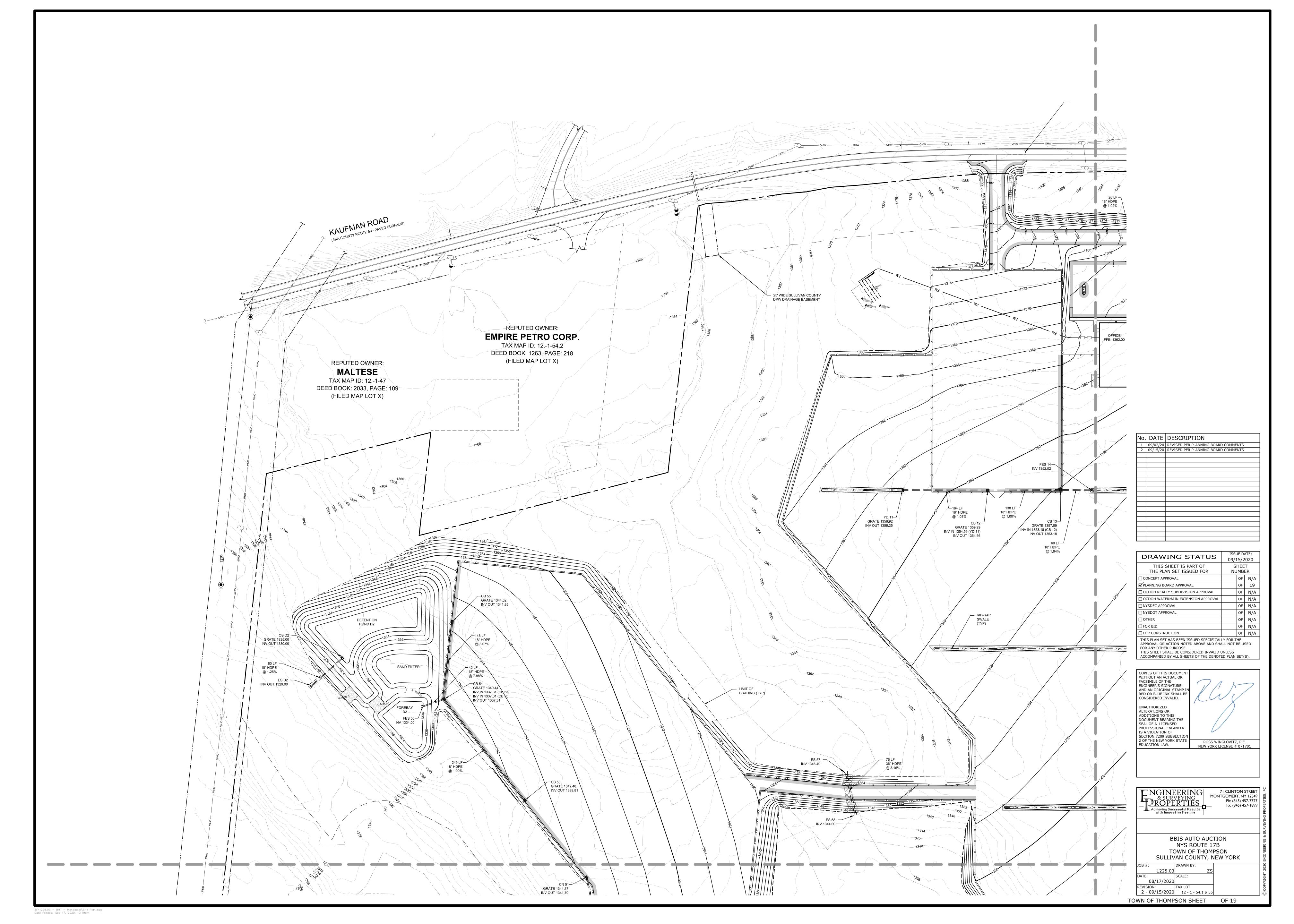


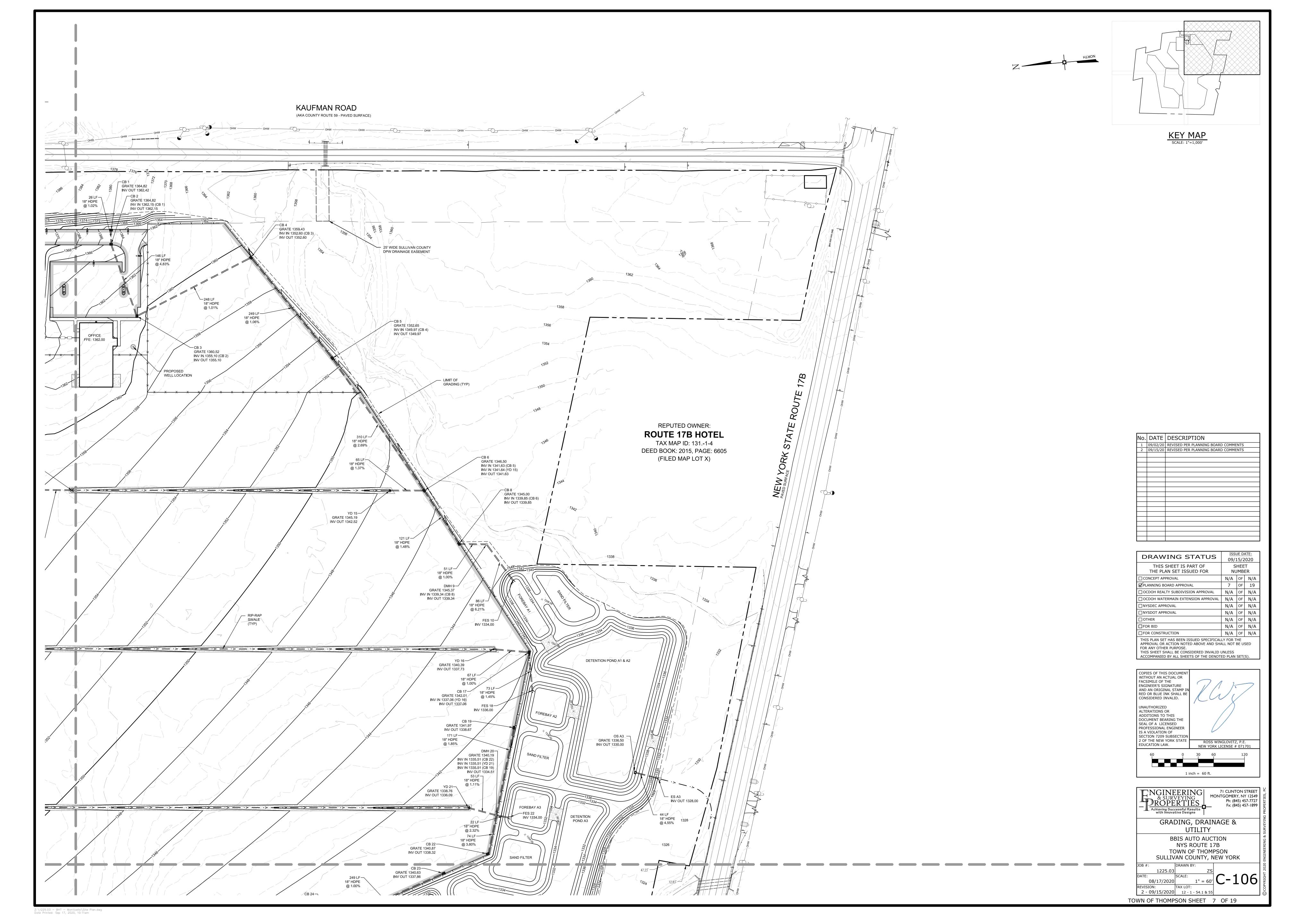


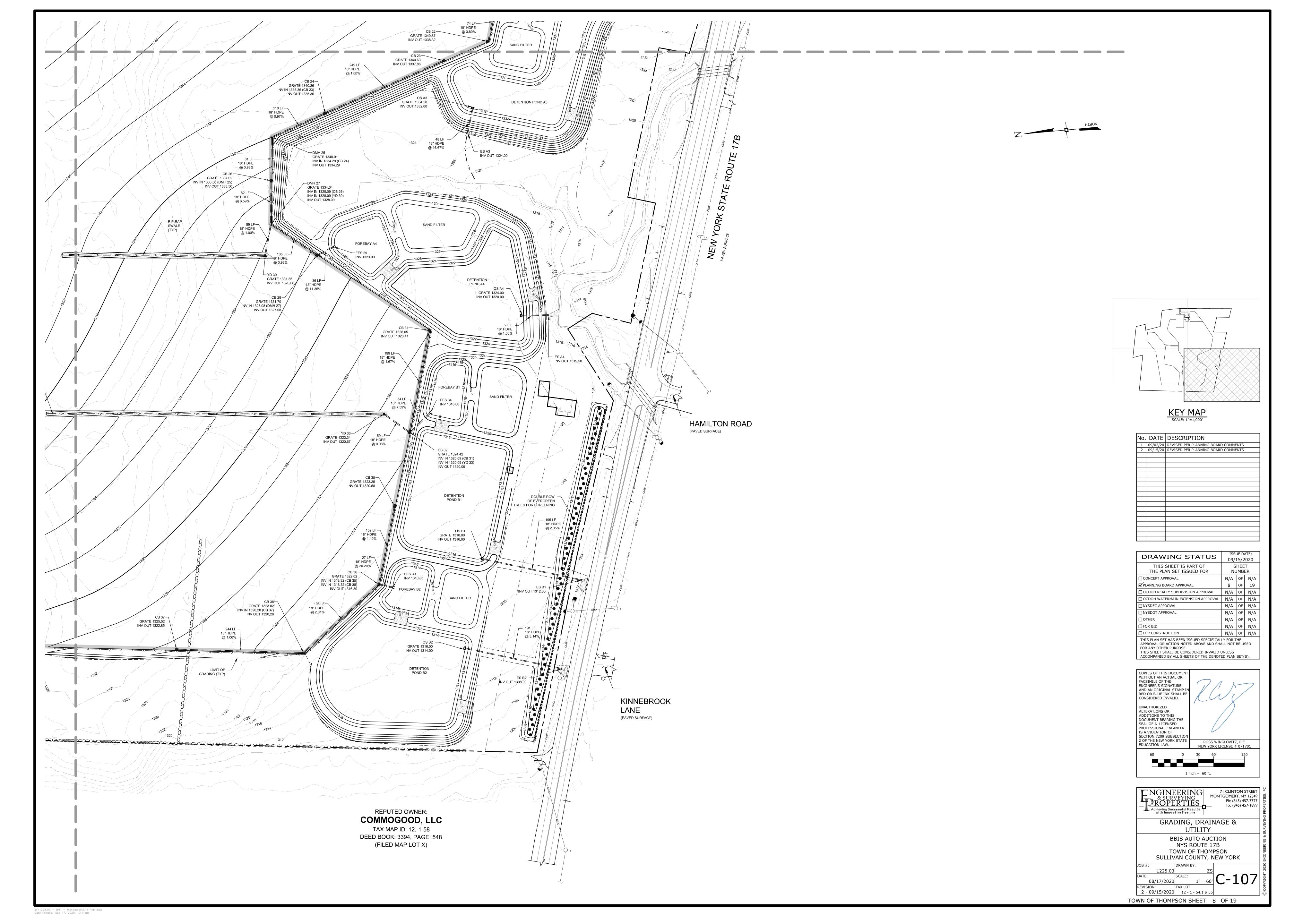


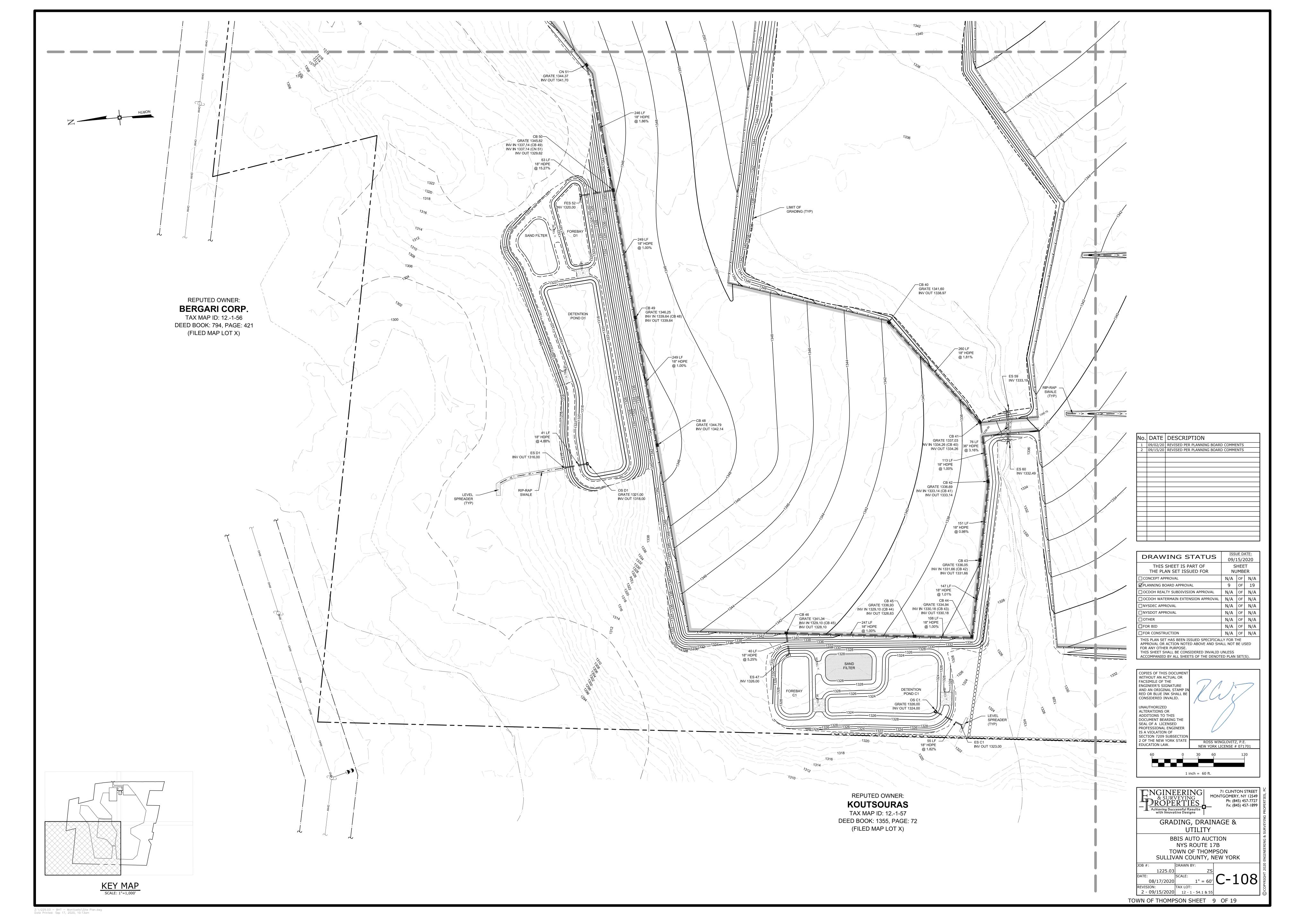


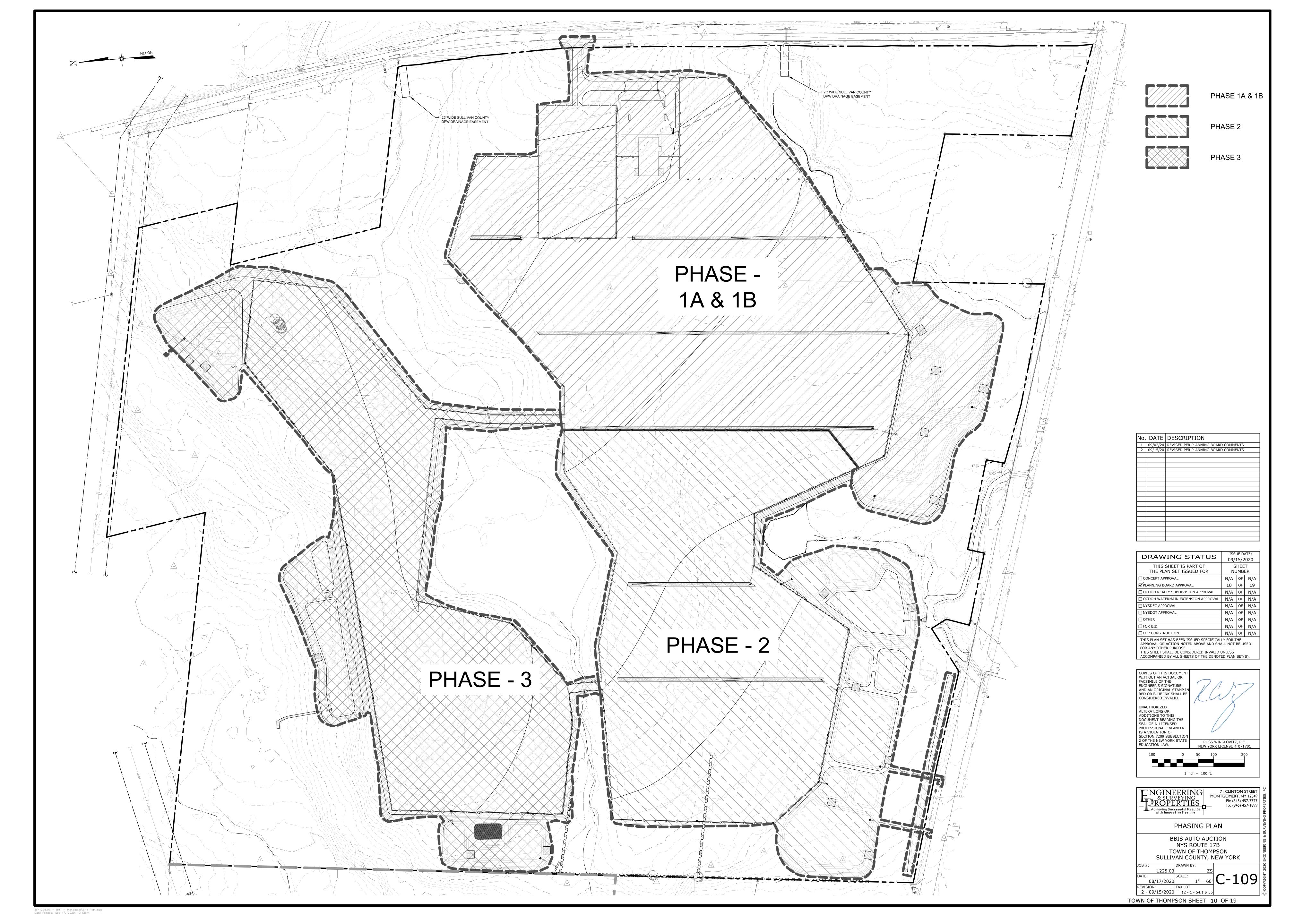


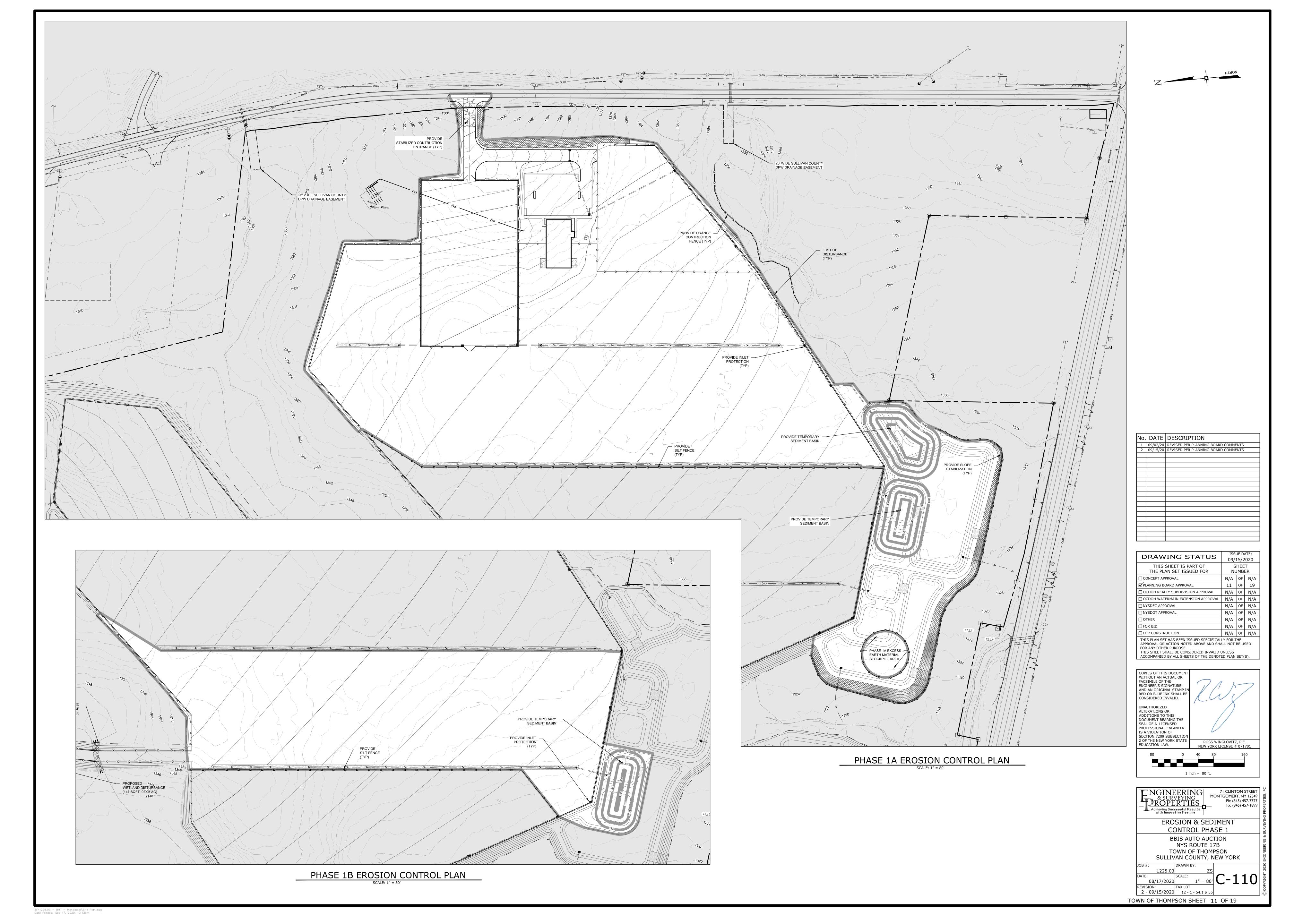




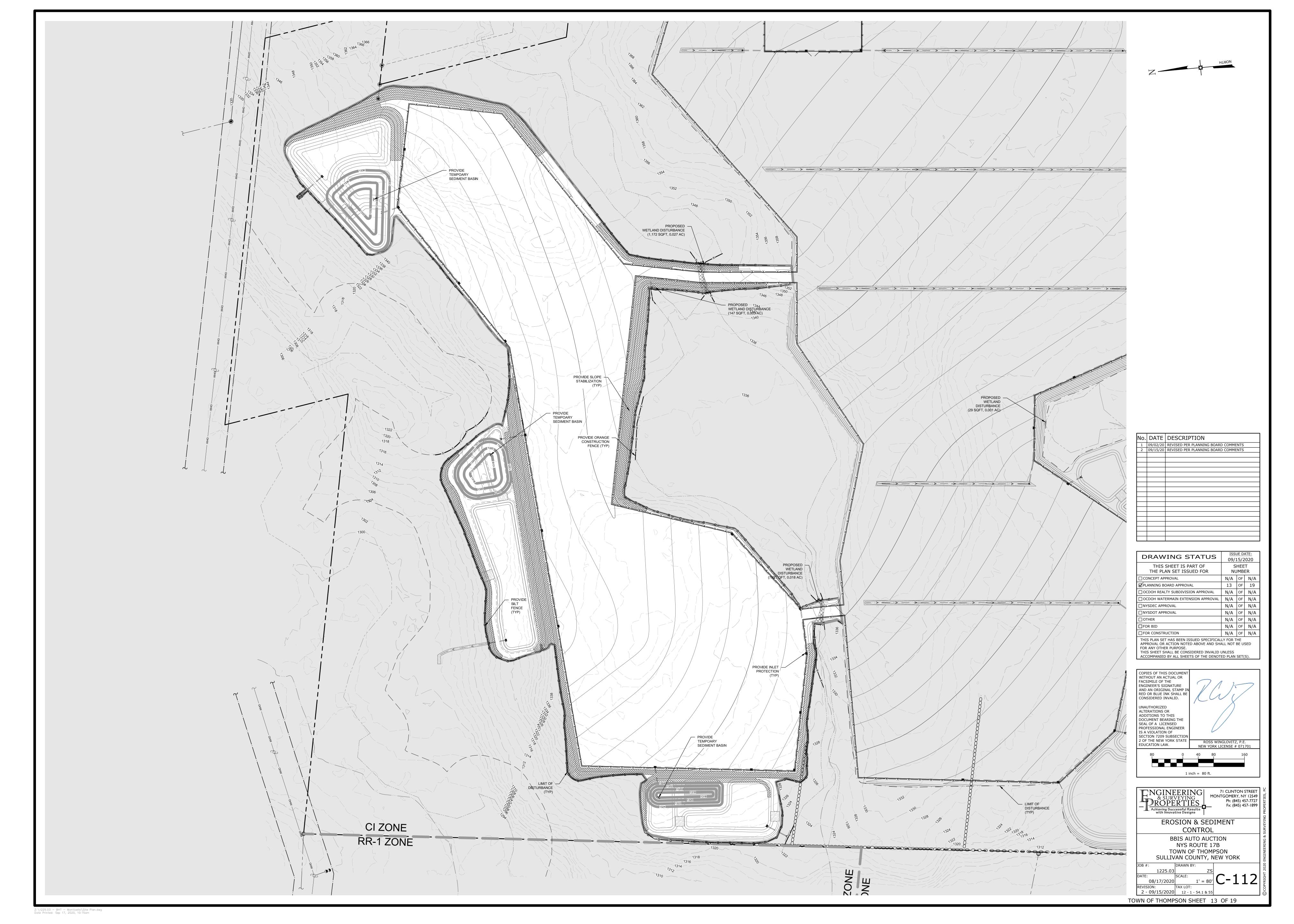


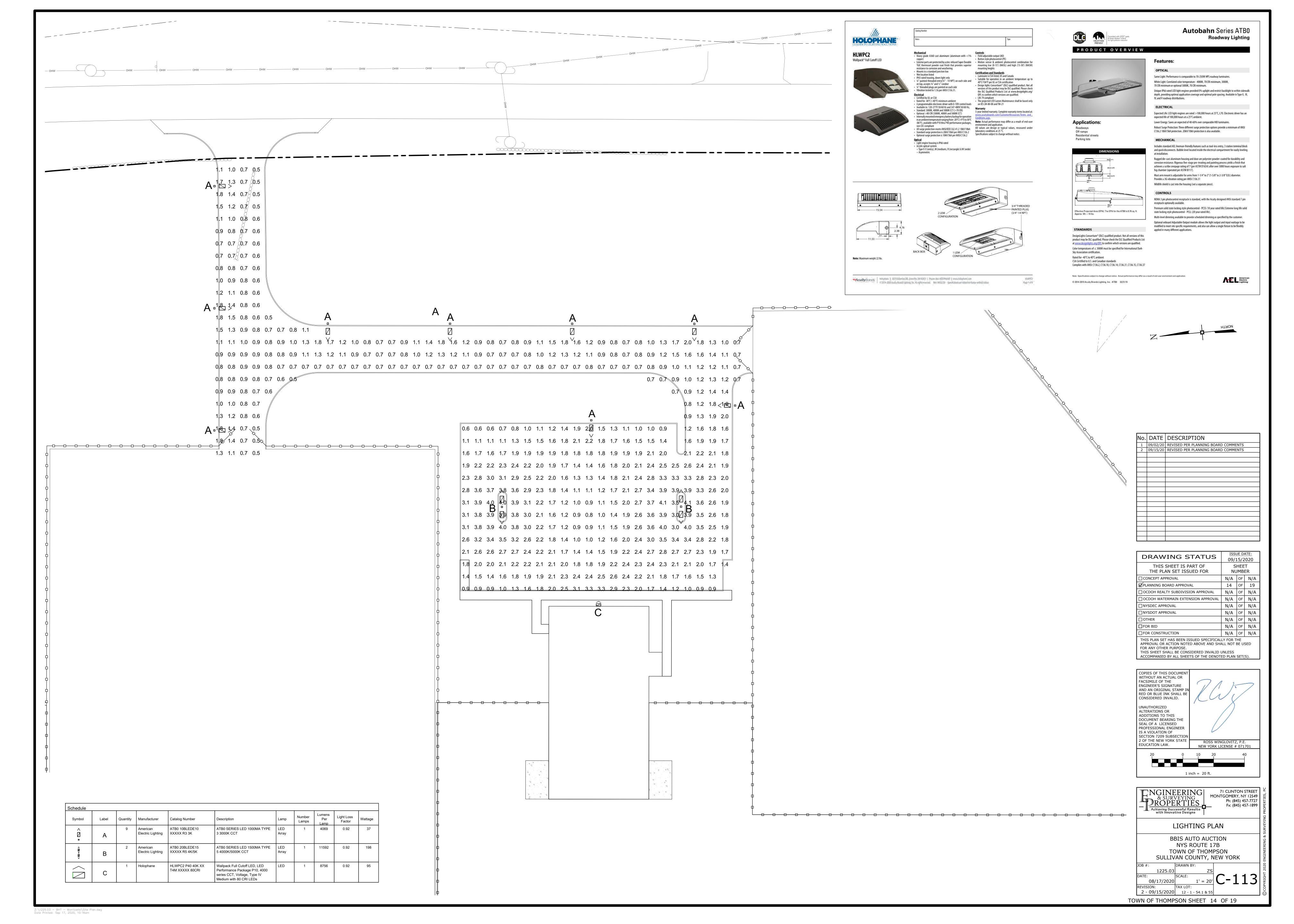


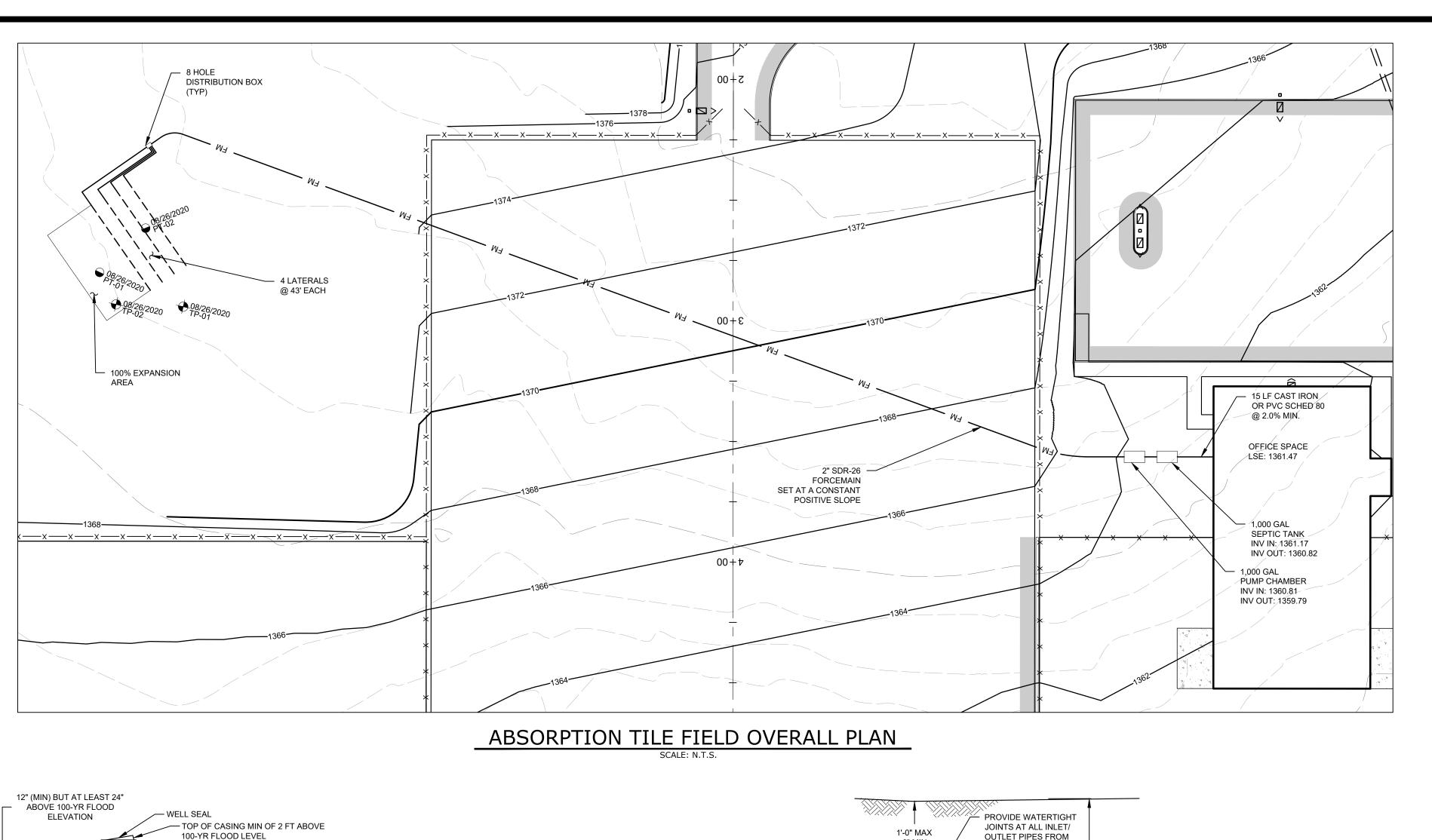


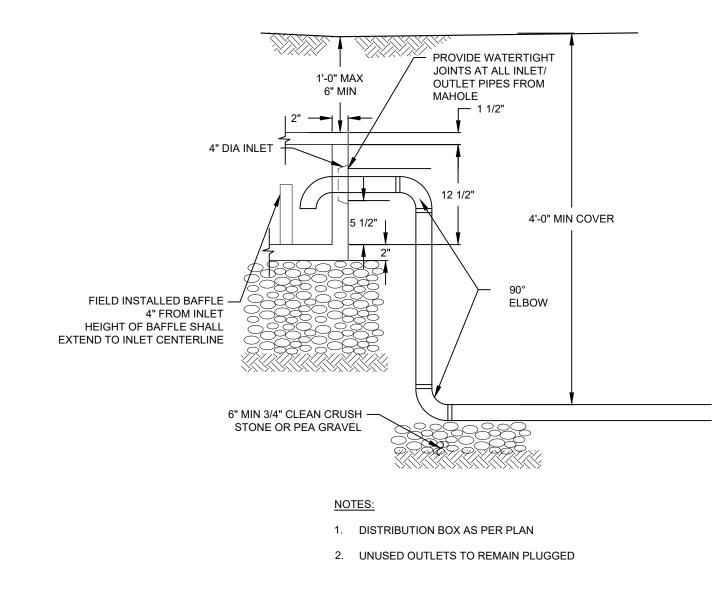




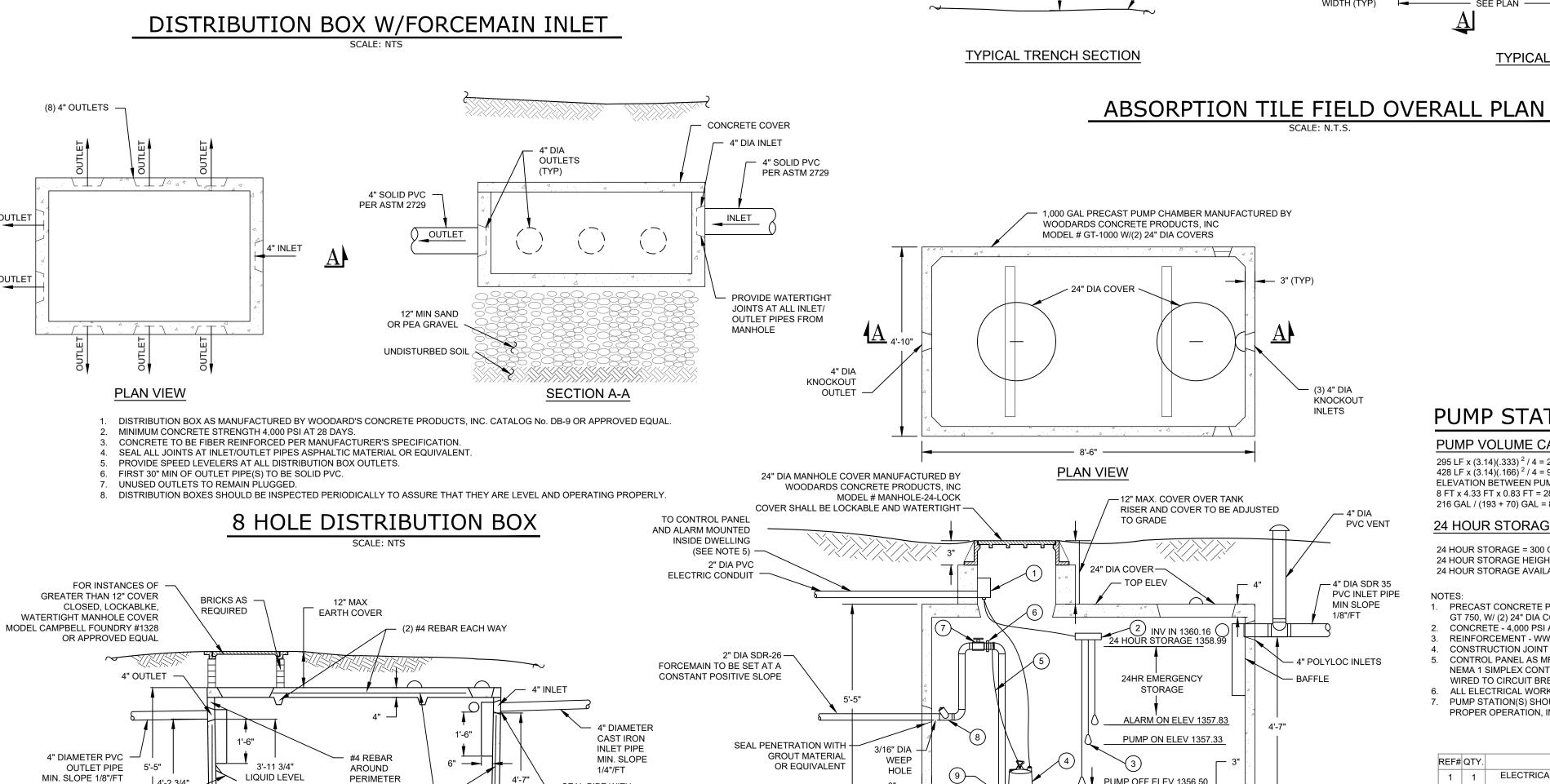












SEAL PIPE WITH

ASPHALTIC

MATERIAL OR **EQUIVALENT** 

# DEEP TEST HOLE RESULTS

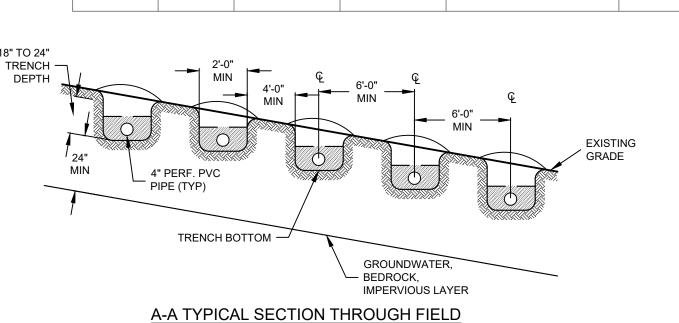
LOT#	TEST HOLE#	DATE	DEPTH	DESCRIPTION
1	TP 1	08/26/2020	0"-6" 6"-44" 44"-98"	TOPSOIL AND ORGANIC MATERIAL RED SILT LOAM RED SANDY CLAY LOAM NO GROUNDWATER, NO MOTTLING
1	TP 2	08/26/2020	0"-6" 6"-29" 29"-82"	TOPSOIL AND ORGANIC MATERIAL RED SILT LOAM RED SANDY CLAY LOAM NO GROUNDWATER, NO MOTTLING

# SEPTIC SYSTEM DESIGN SCHEDULE

STABILIZE PERC RATE (min)	FLOW RATE (GPD)	APPLICATION RATE (GPD/Sq. ft.)	REQUIRED AREA (Sq. ft.)	REQUIRED ABSORPTION FIELD LENGTH (ft) (BASED UPON 2' WIDE TRENCH)	PROPOSED ABSORPTION FIELD LENGTH (ft)
16	300	0.70	429	215	5 LATERALS @ 43 LF = 275

TOPSOIL AND SEED

PERFORATED



PERMEABLE GEOTEXTILE

PERFORATIONS FACING DOWN (TYP)

&  $\frac{1}{16}$ " TO  $\frac{1}{32}$ " FOR CONVENTIONAL SYSTEMS

BOTTOM OF TRENCH TO BE SET LEVEL -

NEARLY LEVEL FOR PUMPED/DOSED SYSTEMS

FILTER FABRIC

SPACING OF ABSORPTION TRENCHES ARE 6' O.C. (MIN.)

TYPICAL TRENCH PROFILE

PERMEABLE GEOTEXTILE

GROUNDWATER,

BEDROCK OR IMPERVIOUS LAYER

3/4"-1 1/2" GRAVEL OR CRUSHED STONE

**SECTION A-A** 

1,000 GAL PUMP CHAMBER

GROUNDWATER, BEDROCK

OR IMPERVIOUS LAYER

24" MAX

MOUND TOPSOIL

BASE ELEV 1355.58

12" MIN CLEAN CRUSHED

STONE OR PEA GRAVEL -

FOR SETTLING

# PERCOLATION TEST RESULTS

CAPACITY OF THE SOIL ON SHICH THE DESIGN WAS BASED.

1. SEPTIC TANK TO BE LOCATED A MINIMUM DISTANCE OF 10 FEET FROM THE HOUSE.

7. NO TRENCHES TO BE INSTALLED IN WET SOIL.

NEW YORK STATE DEPARTMENT OF HEALTH.

11. ABSORPTION TRENCH PIPE TO BE CAPPED AT END.

BEING REDESIGNED AND REAPPROVED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH.

6. ASPHALTIC SEALS SHALL BE MAINTAINED BETWEEN THE SEPTIC TANK, AND ALL PIPES AND COVERS.

12. ABSORPTION SYSTEM TO BE LOCATED A MINIMUM DISTANCE OF 20 FEET FROM ANY DWELLING UNIT.

8. RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING GRAVEL IN ABSORPTION TRENCH.

9. GROUT ALL PIPE PENETRATIONS INTO AND OUT OF ANY DISTRIBUTION OR DROP BOX

13. SEPTIC TANK JOINTS MUST BE SEALED AND TESTED FOR WATERTIGHTNESS.

2. THERE SHALL BE NO REGRADING, EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE ABSORPTION

3. GARBAGE GRINDERS AND/OR JACUZZI TYPE SPA TUBS OVER 100 GALLONS ARE NOT PERMITTED WITHOUT THE SYSTEM

4. CELLAR DRAINS, ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN THE VICINITY OF THE TILE FIELDS

5. SWIMMING POOLS, DRIVEWAYS AND/OR STRUCTURES THAT MAY COMPACT THE SOIL ARE NOT TO BE CONSTRUCTED

10. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE PUBLICATION "INDIVIDUAL

14. PROVIDE 30" OF SOLID PIPE PRIOR TO START OF PERFORATED ABSORPTION PIPE AND BE BACKFILLED WITH NATIVE

16. DROP BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPERLY.

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 TO AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A CHANGE OF ABSORPTION

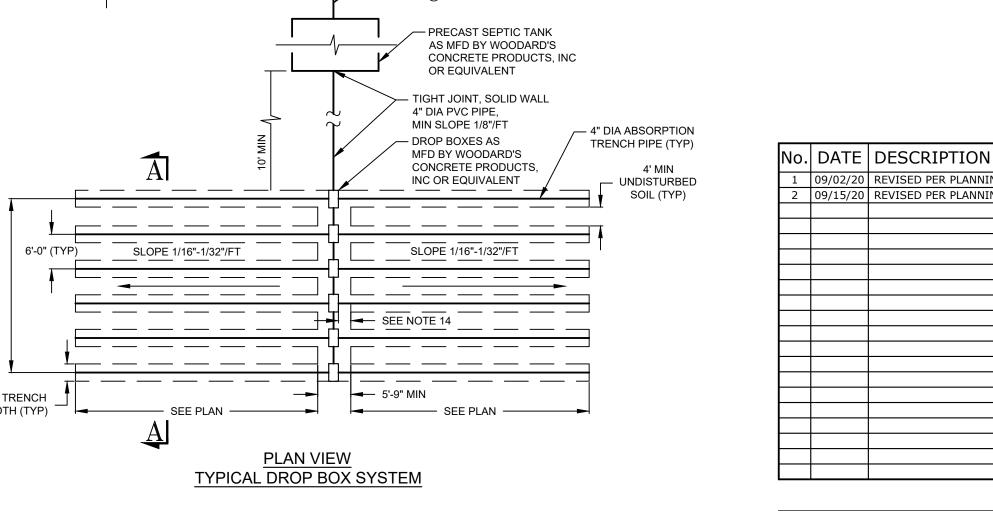
15. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING

17.  $\,$  HEAVY EQUIPMENT SHLL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL

CHAMBER) TO THE DWELLING, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.

RESIDENTIAL WASTEWATER TREATMENT SYSTEMS, DESIGN HANDBOOK", LATEST EDITION, AND APPENDIX 75-A OF THE

PERC HOLE #	PERC HOLE DEPTH	PERC HOLE DIA	TIME		PERCOLATION TEST RUNS STOPWATCH USED FOR ALL TESTS (TIME FOR 1" DROP IN WATER LEVEL)			
			FINISH					
08/26/2020 PT-1	24"	10"	START	STOP	WATCH USED F	OR TIMED INTE	RVALS	8 MIN
			TIME	00:03:54	00:06:11	00:07:25	00:07:57	
			FINISH					
08/26/2020 PT-2	24"	10"	START	STOP	WATCH USED F	OR TIMED INTE	RVALS	16 MIN
			TIME	00:10:14	00:14:58	00:15:49		

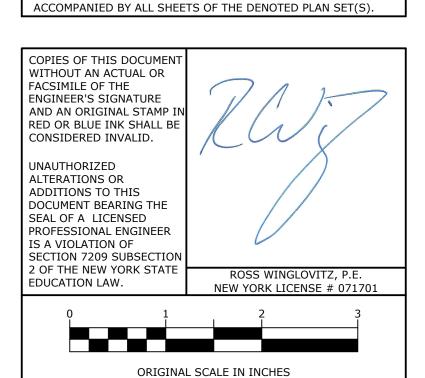


CAST IRON SEWER PIPE FROM

DRAWING STATUS		JE D		
DIAWING STATES	09/15/2020			
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	_	HEE JMBI		
CONCEPT APPROVAL	N/A	OF	N/A	
☑PLANNING BOARD APPROVAL	15	OF	19	
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 FOR ANY OTHER PURPOSE. THIS SHEET SHALL BE CONSIDERED INVALID UNLESS				

REVISED PER PLANNING BOARD COMMENTS

09/15/20 REVISED PER PLANNING BOARD COMMENTS



& SUR PROPE	EERING VEYING ERTIES cessful Results tive Designs	71 CLINTON STREET ONTGOMERY, NY 12549 Ph: (845) 457-7727 Fx: (845) 457-1899	JG PROPERTIES, PC			
	DETAILS		SURVEYING			
Т	BBIS AUTO AUCTION  NYS ROUTE 17B  TOWN OF THOMPSON  SULLIVAN COUNTY, NEW YORK					
JOB #: 1225.03	DRAWN BY:		- 2020			
DATE: 08/17/2020 REVISION:	SCALE:	C-201	© COPYRIGHT			
TOWN OF THOMP	TOWN OF THOMPSON SHEET 15 OF 19					

# PUMP STATION CALCULATIONS

PUMP VOLUME CALCULATIONS:  $295 LF \times (3.14)(.333)^2 / 4 = 25.8 CF \times 7.48 GAL/CF = 193 GALLONS (TILE FIELD)$  $428 LF \times (3.14)(.166)^{2} / 4 = 9.4 CF \times 7.48 GAL/CF = 70 GALLONS (FÖRCE MAIN)$ ELEVATION BETWEEN PUMP OFF TO PUMP ON TRY 10" OR 0.83' 8 FT x 4.33 FT x 0.83 FT = 28.87 CF = 216 GAL 216 GAL / (193 + 70) GAL = 82%

24 HOUR STORAGE CALCULATIONS:

7 1 2" BALL VALVE - FBALLVALVE-2

8 1 2" FLAP CHECK VALVE - FFLAPCHECK-2

9 1 2" NPT THREADED ADAPTER - FMA-2

PVC VENT

-4" DIA SDR 35

MIN SLOPE

- 4" POLYLOC INLETS

PVC INLET PIPE

24 HOUR STORAGE = 300 GAL / 7.48 GAL/CF = 40.10 CF 24 HOUR STORAGE HEIGHT = 40.10 CF / (8 FT x 4.33 FT) = 1.16 FT 24 HOUR STORAGE AVAILABLE TO INVERT IN = 1.17 FT

1. PRECAST CONCRETE PUMP CHAMBER AS MFG. BY WOODARD'S CONCRETE PRODUCTS, INC. MODEL GT 750, W/ (2) 24" DIA COVERS OR APPROVED EQUAL CONCRETE - 4,000 PSI AT 28 DAYS REINFORCEMENT - WWM, #4 REBAR

CONSTRUCTION JOINT TO BE SEALED WITH BUTYL RUBBER SEALANT 5. CONTROL PANEL AS MFG. GOULDS PUMPS, INC. MODEL SES SERIES CUSTOMIZED CONTROL PANEL-NEMA 1 SIMPLEX CONTROLLER WITH ALARM. CONTROL PANEL IS TO BE MOUNTED INDOORS AND

10 1 GOULDS SIMPLEX CONTROL PANEL W/ALARM - WOODARDS MODEL # S10020N1

6. ALL ELECTRICAL WORK SHALL MEET WITH THE NATIONAL ELECTRICAL CODE LATEST EDITION 7. PUMP STATION(S) SHOULD BE INSPECTED PERIODICALLY BY A PROPERLY TRAINED PERSON FOR PROPER OPERATION, INCLUDING HIGH WATER ALARMS, VENTING AND ANY PHYSICAL DAMAGE.

DESCRIPTION & WOODARD'S MODEL #	Α	0	D
ELECTRICAL JUNCTION BOX - A8-1J			
STAINLESS STEEL FLOAT BRACKET - FSB1			
MERCURY FLOAT SWITCH - A2K23			
ZOELLER 807-0001 SUBMERSIBLE GRINDER PUMP			
10' LIFT CABLE - ACBL-10			
2' UNION - FUNION-2			

SCHEDULE OF MECHANICAL EQUIPMENT

# (3) 4" POLYLOK INLETS (BAFFLE CAN BE 20" DIAMETER NOTES: 1. PRECAST CONCRETE SEPTIC TANK AS MANUFACTURED BY WOODARDS CONCRETE PRODUCTS, INC. MODEL ST-1000, OR APPROVED EQUAL.

SLOPE SURFACE AWAY FROM CASING

- 6" STEEL CASING IN COMPLIANCE WITH

 MIN DRILL HOLE 10" DIA SAME AS NOTE 3

─ 1 1/2" MIN CEMENT GROUT SEAL

— SUBMERSIBLE PUMP

(SIZED FOR HEAD &

**VOLUME CONDITIONS)** 

AWWA STANDARD A100, LATEST EDITION

- BURY ELECTRIC WIRE WITH WATER LINE

– 1" DIA TYPF "K"

20" MIN

INTO BEDROCK

MIN DRILL HOLE 6" DIA -

SAME AS NOTE 12

1. WELL IS TO BE CASED AND GROUTED FOR A MIN OF 50' IN LENGTH

4. EXPECTED DEPTH OF LOAM AND SHALE OVERBURDEN = 5 - 30 FEET

5. EXPECTED DEPTH OF WATER BEARING FORMATION = 300 - 600 FEET

6. THE WELL CASING TO CONFORM TO AWWA STANDARD A100 (LATEST EDITION).

7. SANITARY WELL SEAL SHALL BE MONITOR MODEL NO 6WE-1, MFG BY THE BAKER MFG CO; EVANSVIILE, WIS., OR APPROVED EQUAL AND SHALL HAVE THE

8. PITLESS ADAPTOR SHALL BE MONITOR MODEL NO 8PL61U, MFG BY THE BAKER MFG CO; EVANSVIILE, WIS., OR APPROVED EQUAL AND SHALL HAVE THE

10. WATER SERVICE LINES UNDER PRESSURE SHALL NOT PASS CLOSER THAN 10' OF A SEPTIC TANK, TILE FIELD, OR ANY OTHER PART OF A SEWAGE DISPOSAL SYSTEM.

12. MIN. WELL YIELD TO BE A MINIMUM OF 2 GAL PER MINUTE. ANY WELL PRODUCING

13. CEMENT GROUT SHALL BE A MIXTURE OF 1 BAG CEMENT (94 LBS) AND 5 1/2 GAL

REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE

15. WELL TO BE CONSTRUCTED PER NYSDOH APPENDIX 5-B "STANDARDS FOR WATER

16. WELLS ARE TO BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLAN TO ASSURE

TYPICAL DRILLED WELL SECTION

14. ELECTRICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE

3. OVERSIZE DRILL HOLE (FOR GROUTING) TO BE 10" DIAMETER.

2. CASING SHALL EXTEND MINIMUM 20" INTO BEDROCK.

APPROVAL OF THE WATER SYSTEMS COUNSEL.

APPROVAL OF THE WATER SYSTEMS COUNSEL.

BETWEEN 25 AND 50 FEET OF ANY WELL.

OF CLEAN WATER.

WELLS" LATEST EDITION.

9. DISCHARGE PIPE: 1" MIN OF TYPE "K" COPPER WATER LINE

11. PVC PIPE WITH O-RING JOINTS ARE REQUIRED FOR SEWAGE LINES

BETWEEN 2-5 GPM REQUIRES 24 HOURS OF STORAGE WITHIN HOME.

COPPER WATER LINE

- 2. CONCRETE 4000 PSI AT 28 DAYS. ☐ Call Before You Dig 3. REINFORCEMENT - 6" X 6" X 10 GAUGE WIRE MESH. ■ Wait The Required Time
- 4. SECTIONS TO BE SEALED WITH BUTYL RUBBER BASE CEMENT. Confirm Utility Response 5. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK, OR ANY PUMPING OR DOSING CHAMBER, TO THE BUILDING, ALLOWING SEPTIC GASES TO
- Respect The Marks DISCHARGE THROUGH THE STACK VENT. Dig With Care 6. SEPTIC TANKS SHOULD BE INSPECTED PERIODICALLY AND PUMPED EVERY 2-3 YEARS.

1000 GALLON SEPTIC TANK

GAS DEFLECTOR

12" MIN. SAND OR PEA GRAVEL SECTION A-A

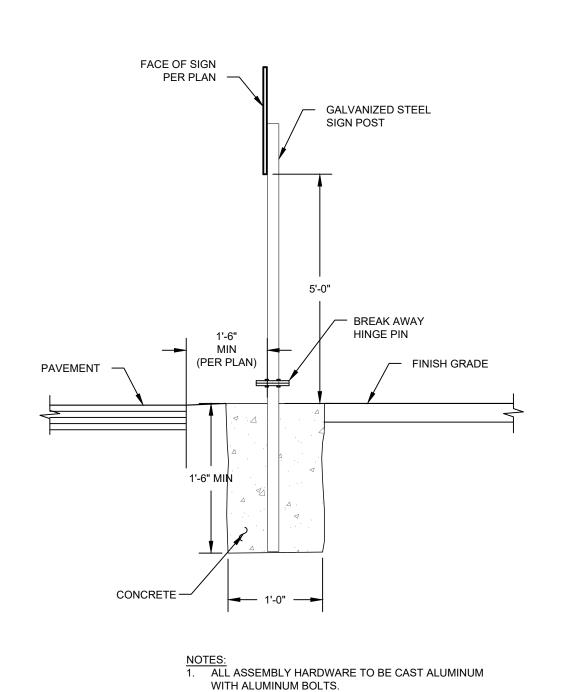
6" x 6" x 10/10 WIRE MESH

(FOR 3-BEDROOM HOUSE)

Z: \1225.03 - BHT - Monticello \Details.dwg Date Printed: Sep 17, 2020, 10:21am

800-962-7962

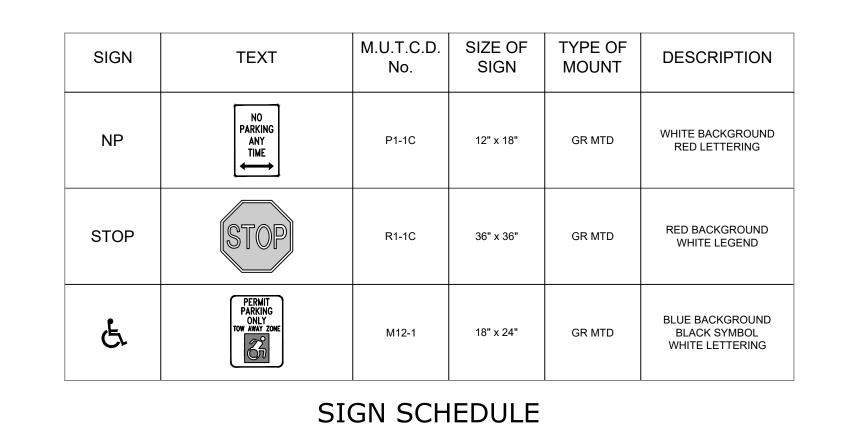
www.digsafelynewyork.com

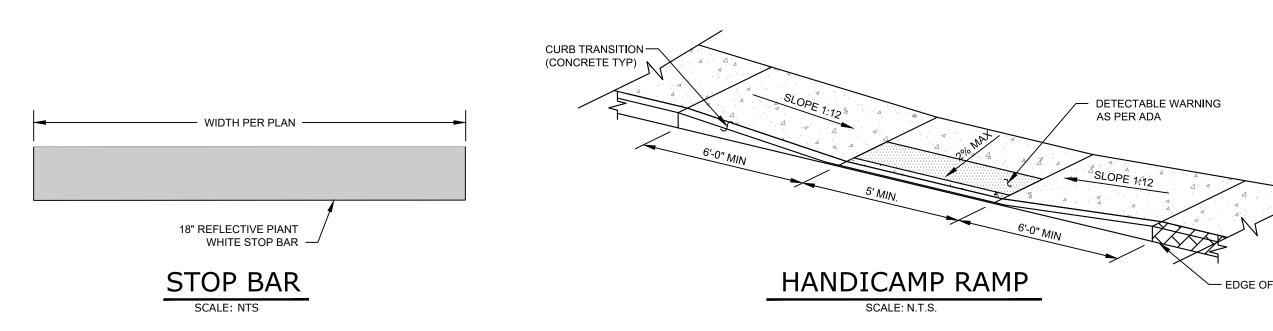


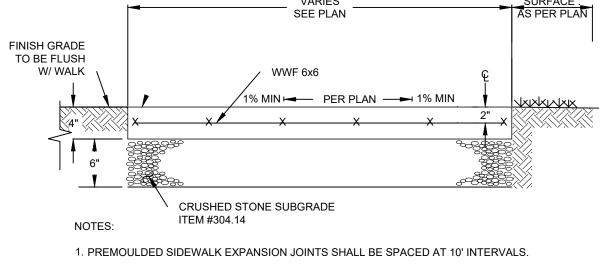
2. ALL SIGNS SHALL BE SIZE "C".

SIGN POST

(DETAIL NOT FOR USE WITHIN THE COUNTY R.O.W.)



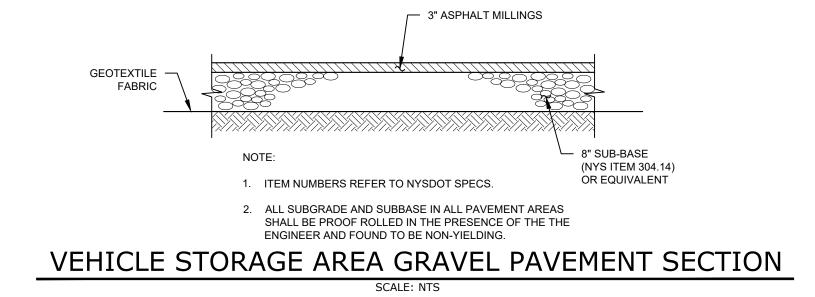


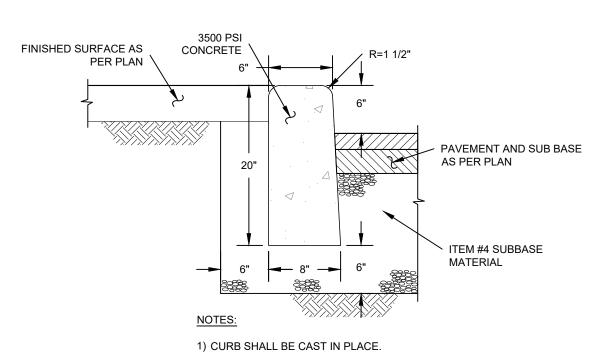


2. CONTRACTION JOINTS SHALL BE SPACED AT 5' INTERVALS AND SHALL BE 1" DEEP.

3. ALL CONCRETE FOR SIDEWALKS SHALL BE FIBER RE-INFORCED 4000 PSI AT 28 DAYS WITH TRANSVERSE BROOM FINISH AND CROSS SLOPE.

**CONCRETE SIDEWALK** 

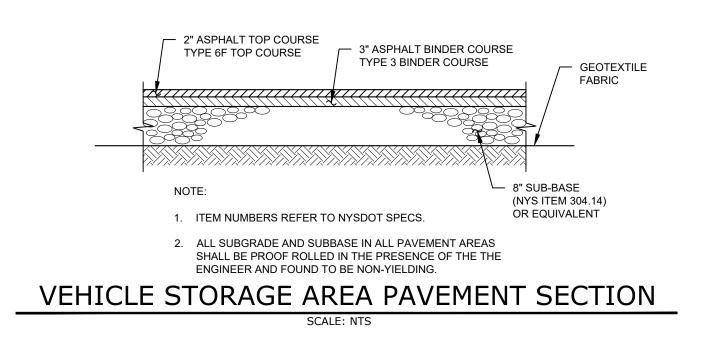


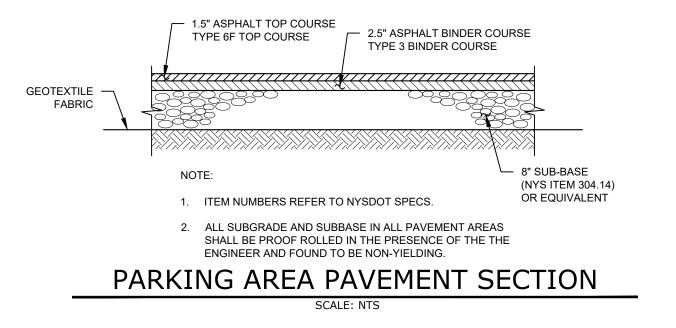


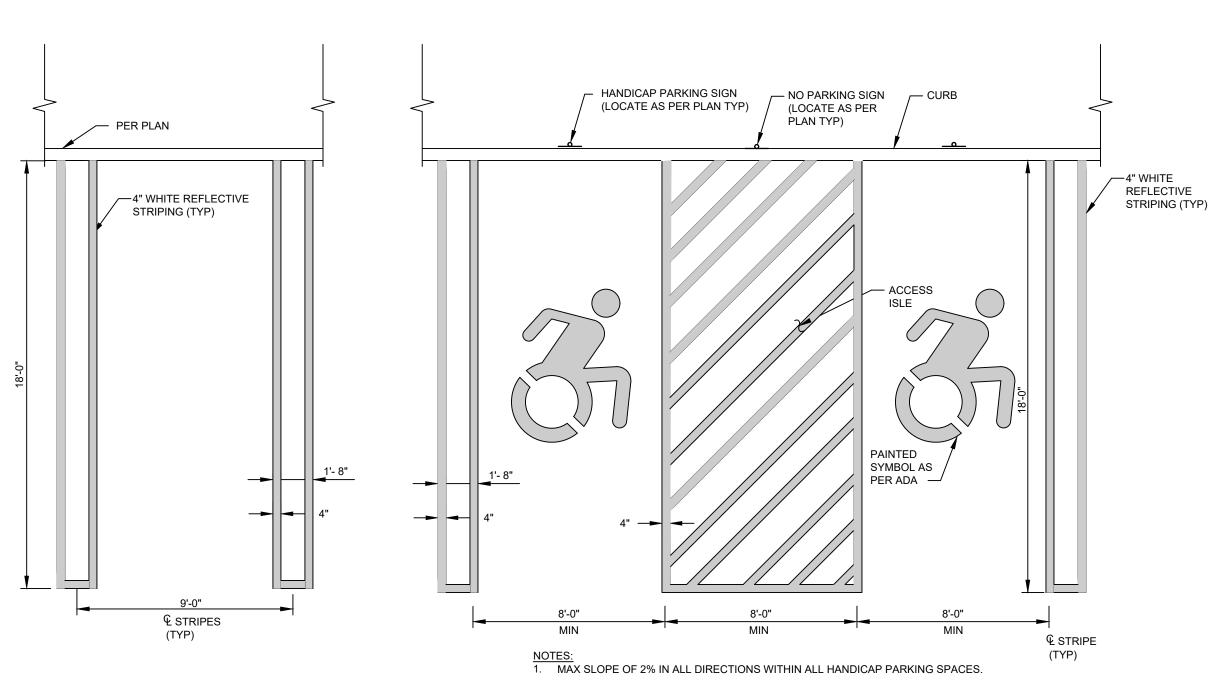
2) EXPANSION JOINTS OF 3/4" PREFORMED BITCOATED CELLULOSE OR OR SIMILIAR MATERIAL SHALL BE PLACED AT 10 (TEN) FOOT INTERVALS. 3) TEMPORARY FORM SUPPORT BRACING SHALL BE REMOVED DURING

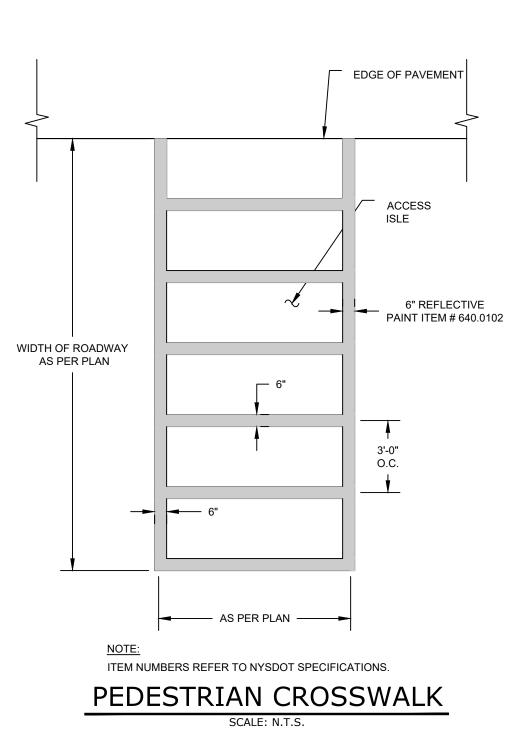
PARKING SPACE
SCALE: NTS

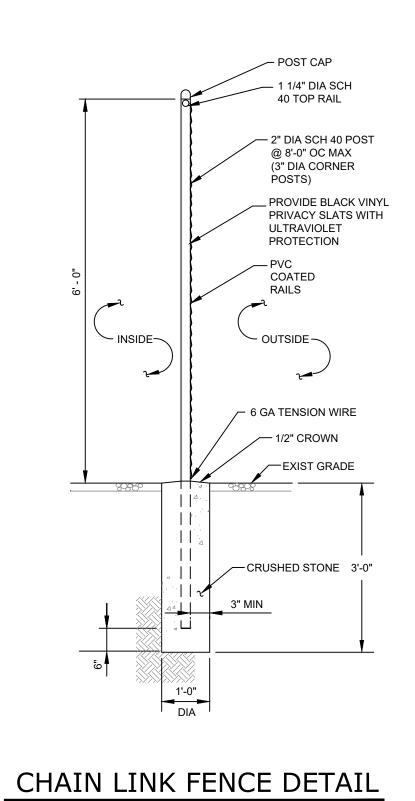
6" CONCRETE CURB

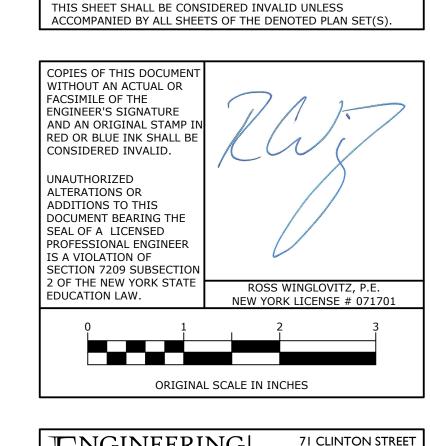












No. DATE DESCRIPTION

DRAWING STATUS

THIS SHEET IS PART OF THE PLAN SET ISSUED FOR

☐ OCDOH REALTY SUBDIVISION APPROVAL

OCDOH WATERMAIN EXTENSION APPROVAL | N/A OF N/A

THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE

APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED

CONCEPT APPROVAL

■ NYSDEC APPROVAL

NYSDOT APPROVAL

☐ FOR CONSTRUCTION

FOR ANY OTHER PURPOSE.

OTHER

☐ FOR BID

☑ PLANNING BOARD APPROVAL

09/15/2020

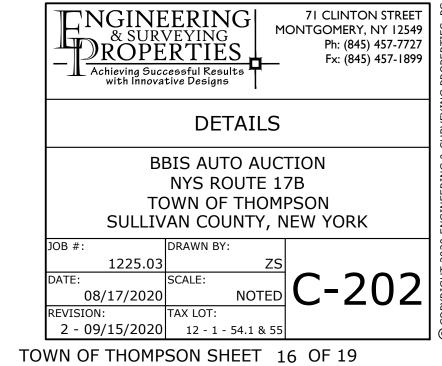
NUMBER

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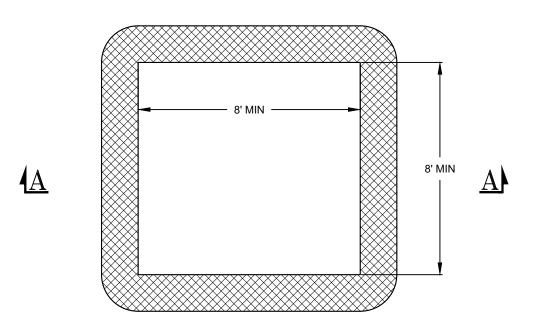
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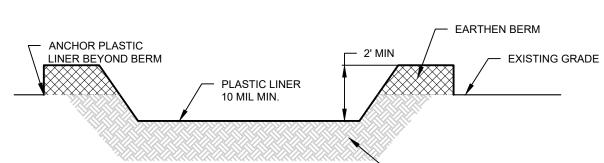
09/02/20 REVISED PER PLANNING BOARD COMMENTS

09/15/20 REVISED PER PLANNING BOARD COMMENTS



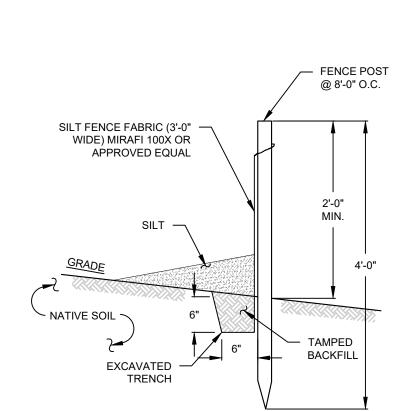






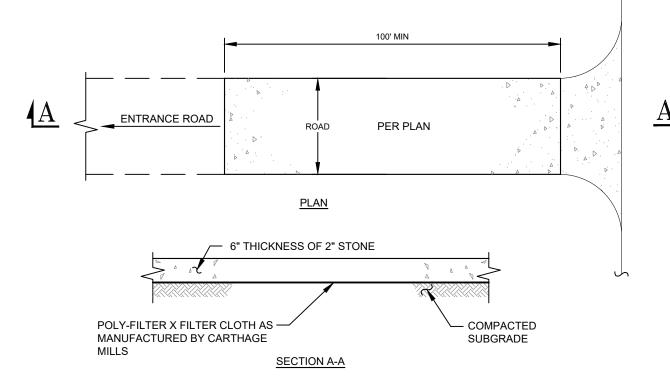
- CROSS SECTION A-A 1. PLASTIC LINER SHALL BE INSPECTED DAILY TO ENSURE THAT THERE ARE NO HOLES OR TEARS. IF ANY HOLES OF TEARS ARE FOUND THE LINER SHALL BE REPLACED AND CLEANED IMMEDIATELY. THE PLASTIC LINER SHALL BE REPLACED WITH EACH CLEANING OF THE WASHOUT FACILITY.
- WASHOUT FACILITY SHALL BE LOCATED A MINIMUM OF 100 FEET FROM DRAINAGE SWALES, STORM DRAIN INLETS, WETLANDS, STREAMS OR OTHER SURFACE WATERS.
- 3. ACCUMULATED HARDENED MATERIAL SHALL BE REMOVED WHEN 75% OF THE STORAGE CAPACITY OF THE STRUCTURE IS FILLED. ANY EXCESS WASH WATER SHALL
- 4. DISPOSE OF THE HARDENED MATERIAL OFF-SITE IN A CONSTRUCTION/DEMOLITION

BE PUMPED INTO A CONTAINMENT VESSEL AND PROPERLY DISPOSED OF.



NOTES:

1. SILT FENCE TO BE MAINTAINED IN PLACE DURING CONSTRUCTION AND SOIL STABILIZATION PERIOD. 2. SILT SHALL BE REMOVED WHEN HEIGHT OF SILT EXCEEDS 1/2 OF THE EXPOSED SILT FENCE HEIGHT

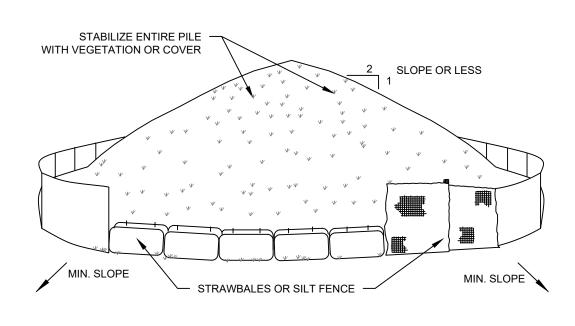


STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.

- 2. WIDTH 24 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- 3. SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- 4. MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF- WAY. THIS MAY REQUIRED PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- 5. WASHING WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 6. PERIODIC INSPECTIONS AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

# STABILIZED CONSTRUCTION ENTRANCE

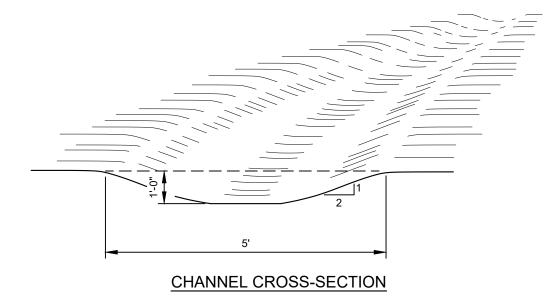
PRIOR TO INSTALLATION OF ANY RECP'S.



NOTES: 1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.

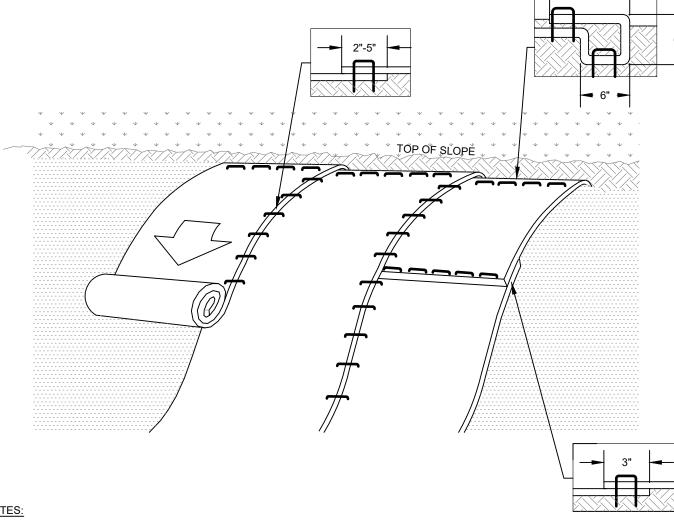
- 2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2. 3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH
- EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR

### 4. SEE SPECIFICATIONS (THIS MANUAL) FOR INSTALLATION OF SILT FENCE.



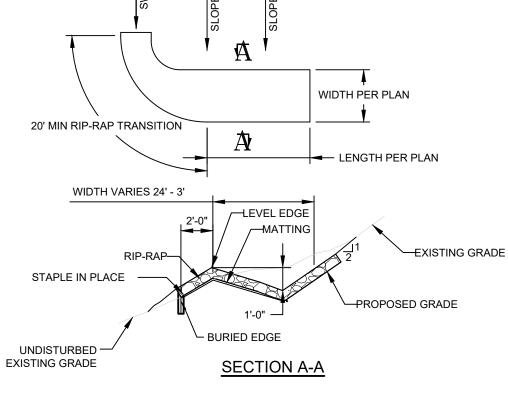
CONSTRUCTION SPECIFICATIONS:

- 1. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS AND OTHER OBJECTIONABLE SHALL BE REMOVED. AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE WATERWAY.
- 2. THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN, AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
- 3. ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF OUTSIDE THE WETLAND SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
- 4. STABILIZATION SHALL BE DONE ACCORDING TO THE APPROPRIATE STANDARDS AND SPECIFICATIONS FOR VEGETATIVE PRACTICES. SEEDING AND MULCHING SHALL BE USED FOR ESTABLISHMENT OF THE VEGETATION. VEGETATION PROVIDED SHALL BE REED CANARYGRASS, TALL FESCUE, KENTUCKY



- 1. ROLLED EROSION CONTROL PRODUCT (RECP'S) SHALL BE USED ON ALL CONSTRUCTED SLOPES GREATER THAN 3 HORIZONTAL 2. PREPARATION OF THE SOIL INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED SHALL BE COMPLETED
- 3. INSTALL RECP NORTH AMERICAN GREEN BIONET S150BN OR APPROVED EQUAL. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP'S IN A 6" DEEP BY 6" WIDE TRENCH WITH APPROXIMATELY 12" OF RECP'S EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP'S WITH A ROW OF STAPLES/STAKES APPROXIAMTELY 12" APART IN THE BOTTON OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACE APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECP'S.
- 4. ROLL THE RECP'S DOWN THE SLOPE OR HORZONTALLY ACROSS THE SLOPE. ALL RECP'S MUST BE SECURLY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE PRODUCT'S STAPLE PATTERN
- 5. THE EDGES OF PARALLEL RECP'S MUST BE STAPLED WITH APPROXIMATELY 2" TO 5" OVERLAP DEPENDING ON RECP'S TYPE.
- 6. CONSECUTIVE RECP'S SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIAMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS THE ENTIRE RECP'S WIDTH.

# SLOPE STABILIZATION (ROLLED EROSION CONTROL PRODUCT)



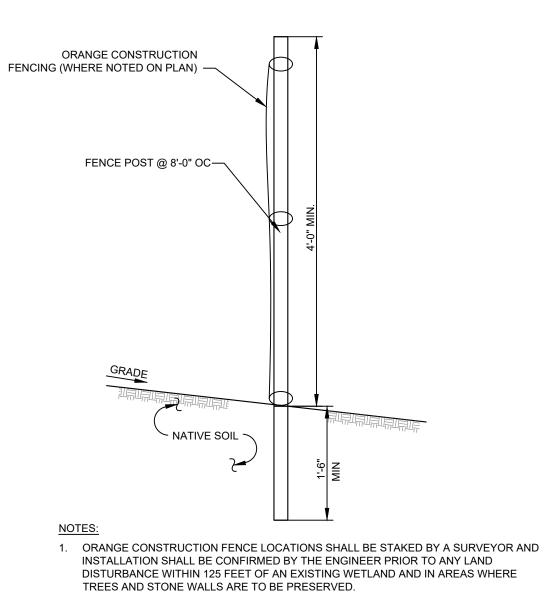
**CONSTRUCTION SPECIFICATIONS** 1. THE MATTING SHOULD BE A MINIMUM OF 4FT. WIDE EXTENDING 2'-0" OVER THE LIP AND BURIED 6 INCHES DEEP IN A VERTICAL TRENCH ON THE LOWER EDGE. THE UPPER EDGE SHOULD BUTT AGAINST SMOOTHLY CUT SOD AND BE SECURELY HELD IN PLACE WITH  $D_{50} = 6$ " RIP-RAP.

2. ENSURE THAT THE LIP IS LEVEL TO UNIFORMLY SPREAD DISCHARGE. 3. THE LIP SHALL BE CONSTRUCTED ON UNDISTURBED SOIL NOT FILL. 4. A 20 FOOT RIP-RAP SWALE TRANSITION SECTION WILL BE CONSTRUCTED FROM THE DIVERSION CHANNEL TO THE SPREADER TO SMOOTHLY BLEND THE

5. THE RUNOFF DISCHARGE WILL BE OUTLETED ONTO A STABILIZED VEGETATED SLOPE NOT EXCEEDING 10%. 6. SEED AND MULCH THE DISTURBED AREA IMMEDIATELY AFTER CONSTRUCTION.

LEVEL SPREADER

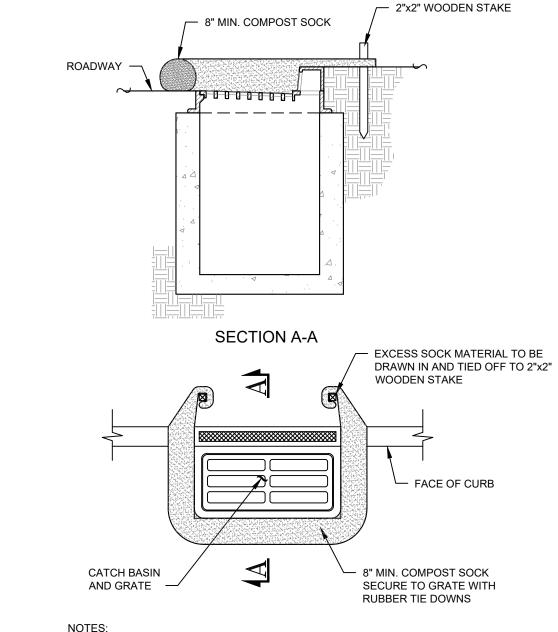
DIFFERENT DIMENSION AND GRADES.



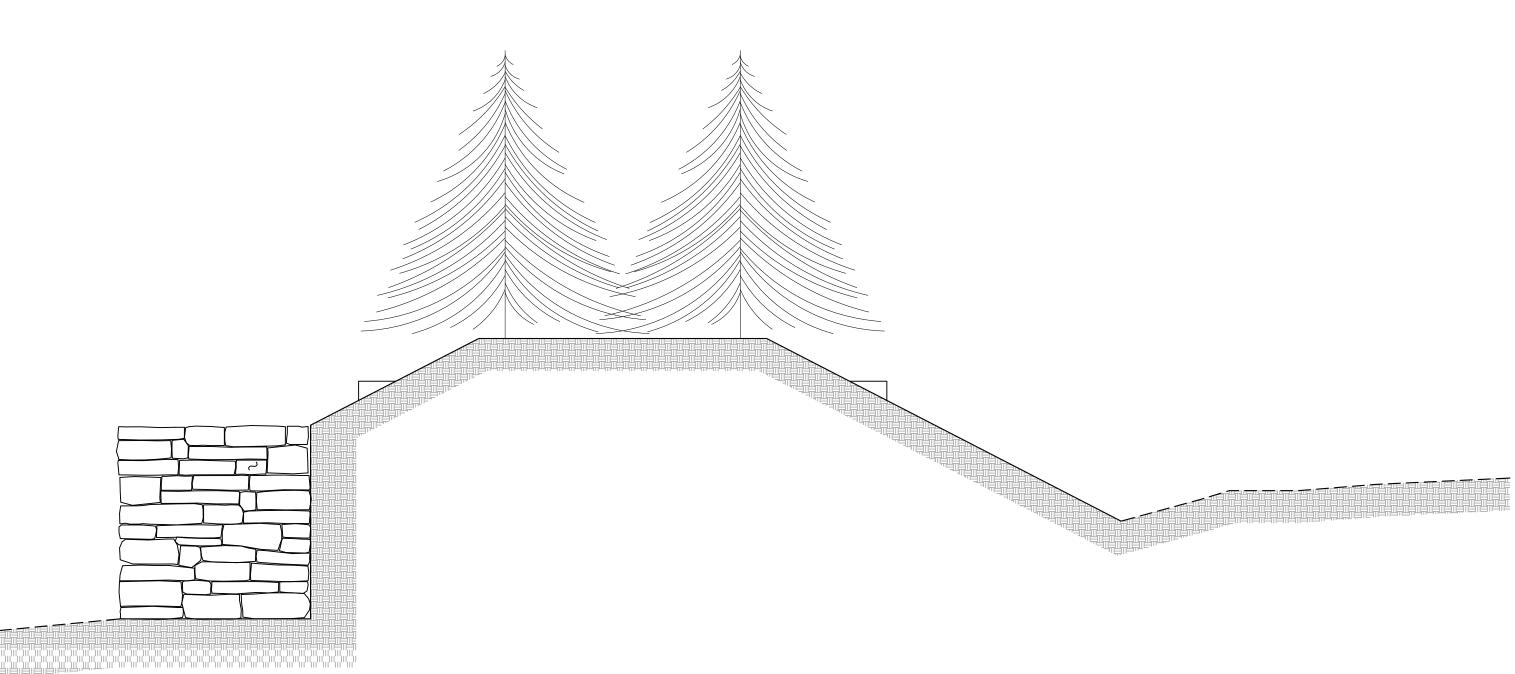
2. ALL ORANGE CONSTRUCTION FENCING SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION TO PROTECT SENSITIVE AREAS.

3. THE ORANGE CONSTRUCTION FENCING WILL BE REMOVED UPON FINAL STABILIZATION OF ALL AREAS WITHIN 125 FEET OF FENCING.

ORANGE CONSTRUCTION FENCE



- 1. COMPOST SOCK BY FILTREXX SILTSOXX 8" DIAMETER, OR APPROVED EQUAL.
- 2. ALL MATERIAL AND FILTER MEDIA FILL TO MEET MANUFACTURER'S SPECIFICATIONS.
- 3. SEDIMENT SHALL BE REMOVED AND THE COMPOST SOCK REPAIRED OR REPLACED WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE SOCK. REMOVED SEDIMENT SHALL BE DISPOSED OF IN A
- 4. THE COMPOST SOCK SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
- 5. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
- 6. THE COMPOST SOCK SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE TRIBUTARY DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.



PROPOSED BERM DETAIL

### EARTHWORK CONSTRUCTION NOTES

- 1. ALL WORK TO BE PERFORMED TO THE SPECIFICATIONS OF THE TOWN OF THOMPSON.
- 2. ALL TOPSOIL, ROOTS, STUMPS AND OTHER DELETERIOUS MATERIAL (IF ANY) SHALL BE REMOVED FROM ALL CONSTRUCTION AREAS.
- 3. ANY FILL BELOW BUILDINGS AND PAVEMENT TO BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557.
- 4. FOOTING DRAINS SHALL CONNECT TO THE STORM DRAINAGE SYSTEM OR OTHER FREE-FLOWING OUTLET AT A MINIMUM SLOPE OF 0.5%. FOOTING DRAIN SHALL BE INSTALLED BENEATH BOTTOM OF FOOTING.
  - 5. COMPLETION OF GRADING AFTER OCTOBER 15 SHALL REQUIRE MULCHING AND ANCHORING IN ACCORDANCE WITH NOTES ENTITLED "SEDIMENTATION EROSION CONTROL".
- 6. STABILIZATION OF ALL SLOPES IN EXCESS OF 3H:1V IN ACCORDANCE WITH "EROSION AND SEDIMENTATION CONTROL NOTES".
- 7. SOIL RESTORATION SHALL BE APPLIED TO ALL DISTURBED AREAS THAT WILL REMAIN AS PERVIOUS SURFACES WITH A SLOPE LESS THAN 10%. SOIL RESTORATION SHALL CONSIST OF THE FOLLOWING:
- 7.A. APPLY 3 INCHES OF COMPOST OVER SUBSOIL 7.B. TILL COMPOST INTO SUBSOIL TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER, TRACTOR MOUNTED DISC, OR
- TILLER, MIXING, AND CIRCULATING AIR AND COMPOST INTO SUB-SOILS. 7.C. ROCK-PICK UNTIL UPLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANED OFF THE SITE.
- 7.D. APPLY TOPSOIL TO A DEPTH OF 6 INCHES.
- 7.E. VEGETATE IN ACCORDANCE WITH LANDSCAPE PLAN.

### EROSION & SEDIMENTATION CONTROL NOTES

- 1. SITE DISTURBANCE SHALL BE LIMITED TO THE MINIMUM NECESSARY GRADING AND VEGETATION REMOVAL REQUIRED FOR CONSTRUCTION WITHIN THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLANS.
- 2. TEMPORARY EROSION CONTROL MEASURES, INCLUDING SILT FENCES, TEMPORARY SWALES, STONE CHECK DAMS SHALL BE INSTALLED PRIOR TO GROUND DISTURBANCE FOR GRADING AND CONSTRUCTION OF THE PROPOSED ROADWAY OR DWELLING UNITS.
- 3. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL FOLLOWING DISTURBANCE TO STABILIZE BARE SOIL AND PROMOTE THE PROMPT RE-ESTABLISHMENT OF VEGETATION:
- 3.1. AN ADEQUATE SEEDBED SHALL BE PREPARED BY SCARIFYING COMPACTED SOIL AND REMOVING SURFACE DEBRIS AND
- 3.2. LIME SHALL BE APPLIED SUFFICIENTLY TO ATTAIN A SOIL ACIDITY PH OF 6.0 TO 7.0. 3.3. FERTILIZER (5-10-10 MIXTURE OR EQUIVALENT) SHALL BE APPLIED FOR ESTABLISHING NEW LAWNS PER SITE SPECIFIC
- SOIL TEST RESULTS OR AT A RATE OF 600 LBS. PER ACRE. 3.4. DISTURBED AREAS WHICH WILL REMAIN TEMPORARILY FALLOW FOR PERIODS GREATER THAN 30 DAYS SHALL BE
- SEEDED AT THE FOLLOWING RATE TO PRODUCE TEMPORARY GROUND COVER: 30 LBS. RYEGRASS (ANNUAL OR PERENNIAL) PER ACRE. DURING THE WINTER, USE 100 LBS. CERTIFIED "AROOSTOOK" WINTER RYE (CEREAL RYE) PER
- 3.5. PERMANENT SEEDING SHALL BE APPLIED ON 4" MIN TOPSOIL AT THE FOLLOWING RATE: 8 LBS EMPIRE BIRDSFOOT TREFOIL OR COMMON WHITE CLOVER PER ACRE PLUS 20 LBS TALL FESCUE PER ACRE PLUS
- 2 LBS REDTOP OR 5 LBS RYEGRASS (PERENNIAL) PER ACRE 3.6. ALL SEEDING SHALL BE PERFORMED USING THE BROADCAST METHOD OR HYDROSEEDING, UNLESS OTHERWISE 3.7. ALL DISTURBED AREAS SHALL BE STABILIZED SUBSEQUENT TO SEEDING BY APPLYING 2 TONS OF STRAW MULCH PER ACRE. STRAW MULCH SHALL BE ANCHORED BY APPLYING 750 LBS OF WOOD FIBER MULCH PER ACRE WITH A

HYDROSEEDER, OR TUCKING THE MULCH WITH SMOOTH DISCS OR OTHER MULCH ANCHORING TOOLS TO A DEPTH OF

4. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND DRAINAGE STRUCTURES SHALL BE INSPECTED FOLLOWING EVERY RAIN EVENT, AND MAINTENANCE AND REPAIRS SHALL BE PERFORMED PROMPTLY TO MAINTAIN PROPER FUNCTION. TRAPPED SEDIMENT SHALL BE REMOVED AND DEPOSITED IN A PROTECTED AREA IN A PROPER MANNER WHICH WILL NOT

3". MULCH ANCHORING TOOLS SHALL BE PULLED ACROSS SLOPES ALONG TOPOGRAPHIC CONTOURS.

- RESULT IN EROSION. 5. TEMPORARY CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED AND GROUND COVER IS COMPLETELY REESTABLISHED. FOLLOWING STABILIZATION, TEMPORARY MEASURES SHALL BE
- 6. ALL STORM INLETS TO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION.
- 7. SYNTHETIC OR ORGANIC SOIL STABILIZERS MAY BE USED UNDER SUITABLE CONDITIONS AND IN SUFFICIENT QUANTITIES.
- 8. MULCH NETTING SUCH AS PAPER, JUTE, EXCELSIOR, COTTON OR PLASTIC MAY BE USED. STAPLE IN PLACE. OVER HAY OR STRAW MULCH. USE A DEGRADABLE NETTING IN AREAS TO BE MOWED.
- 9. STABILIZATION OF STEEP SLOPES SHALL BE ACHIEVED BY APPLYING LIME AND FERTILIZER AS SPECIFIED ABOVE AND SEEDING WITH THE FOLLOWING MIXTURE:

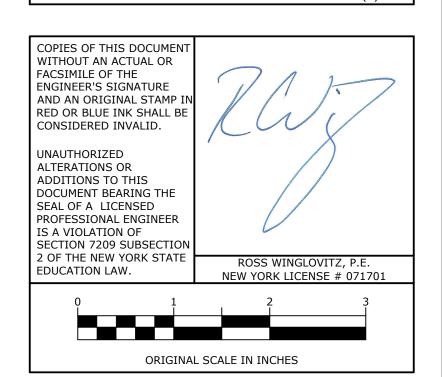
CROWN VETCH SPREADING FESCUE

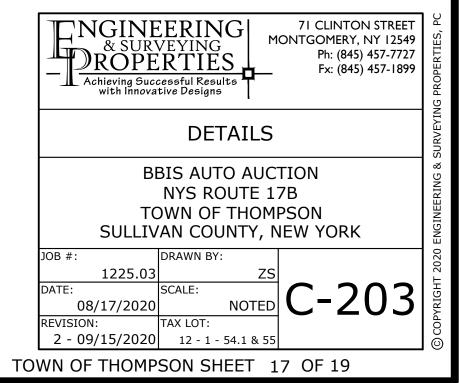
10. OPTIMUM SEEDING PERIODS ARE 3/15-6/1 AND 8/1-10/15

REMOVED TO AVOID INTERFERENCE WITH DRAINAGE.

No.	DATE	DESCRIPTION
1	09/02/20	REVISED PER PLANNING BOARD COMMENTS
2		REVISED PER PLANNING BOARD COMMENTS

DRAWING STATUS	ISSUE DATE: 09/15/2020				
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	S	HEE JMBI	Т		
☐ CONCEPT APPROVAL	N/A	OF	N/A		
☑PLANNING BOARD APPROVAL	17	OF	19		
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 FOR ANY OTHER PURPOSE.  THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).					

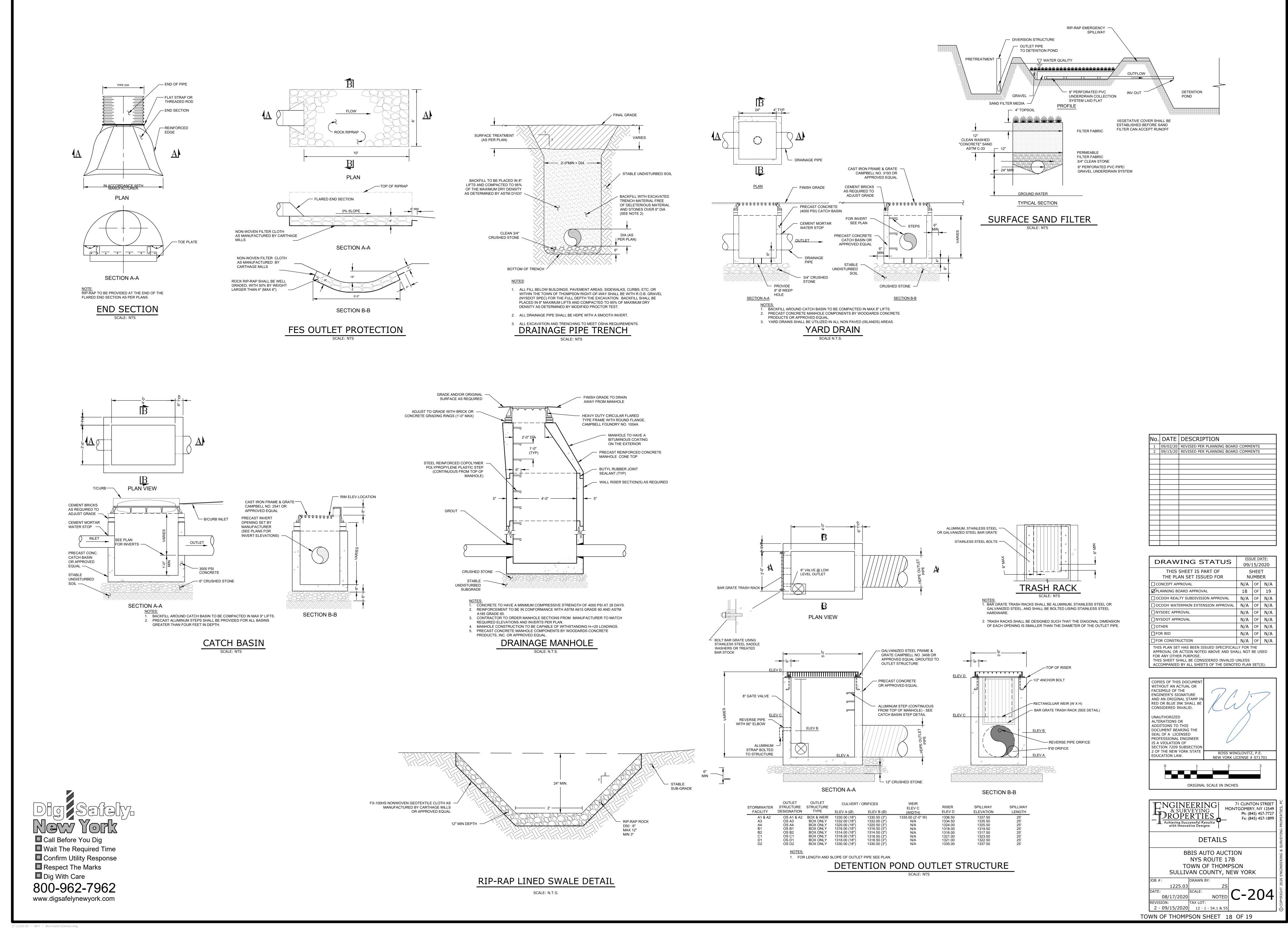




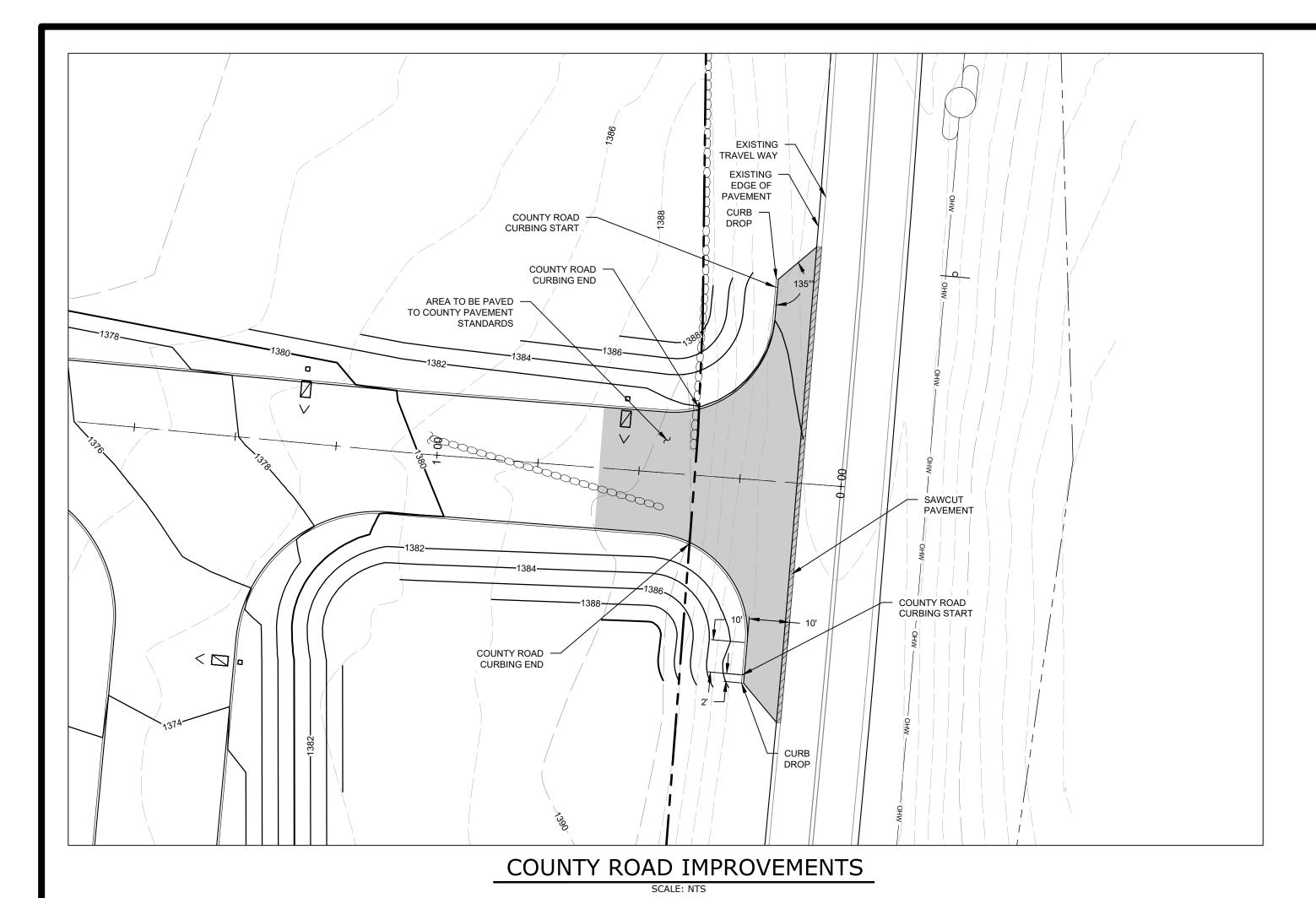
■ Wait The Required Time Confirm Utility Response Respect The Marks Dig With Care 800-962-7962 www.digsafelynewyork.com

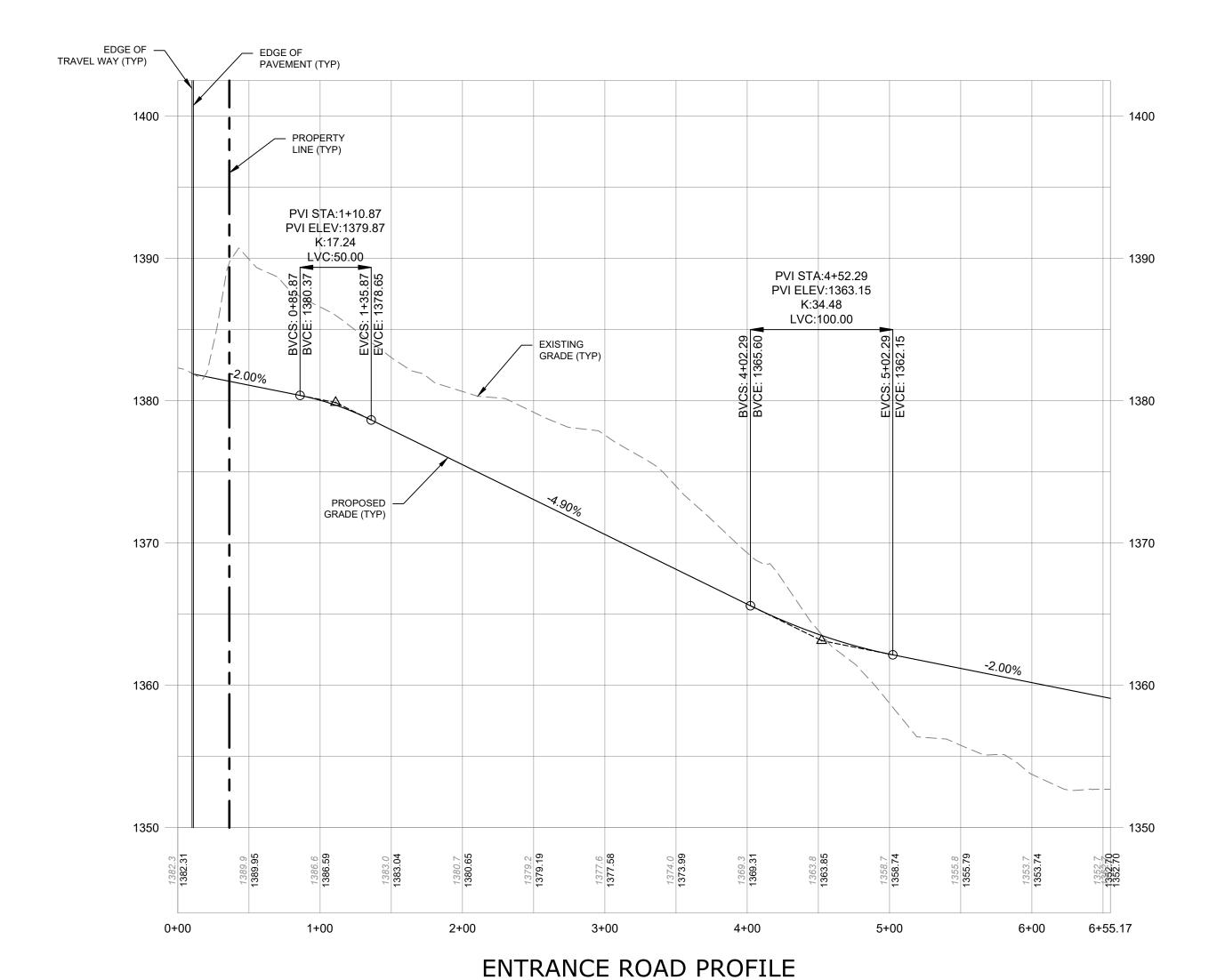
☐ Call Before You Dig

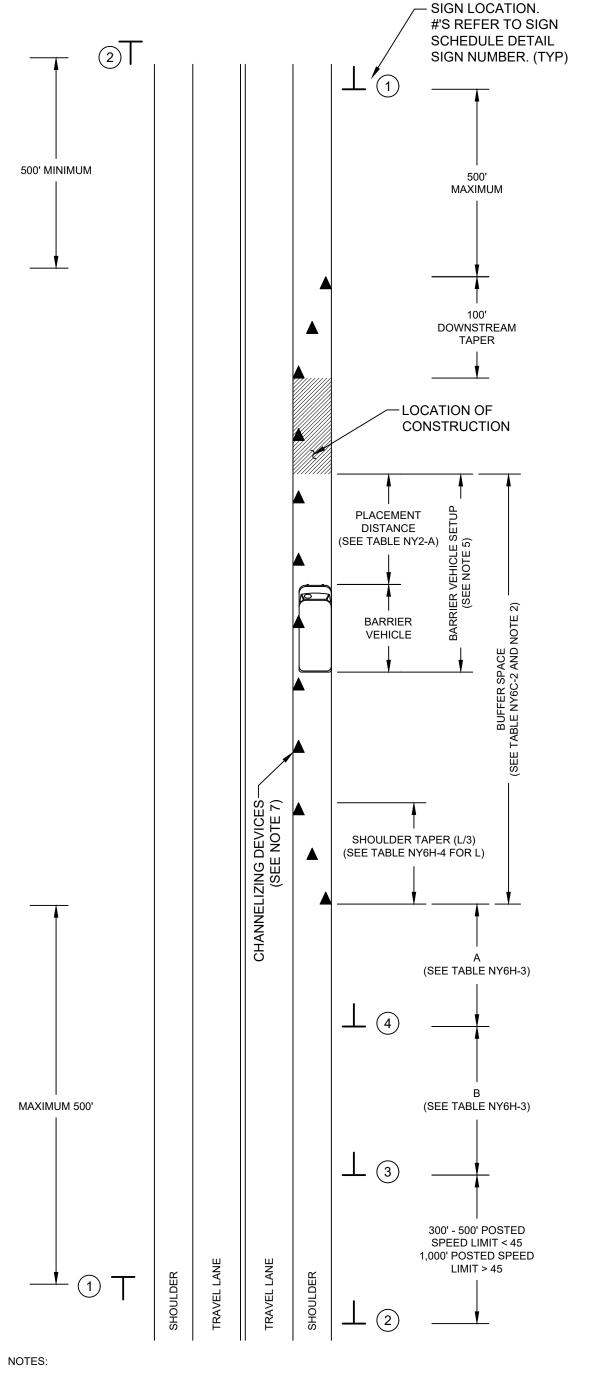
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1. WHEN THE MINIMUM LANE WIDTH OF TEN (10) FEET CANNOT BE MAINTAINED DUE TO A SHOULDER CLOSURE, USE THE DETAIL FOR SHORT OR INTERMEDIATE TERM STATIONARY FLAGGING

2. NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL SHOULD OCCUR WITHIN A BUFFER SPACE.

3. WHEN THE DISTANCE BETWEEN THE ADVANCE WARNING SIGNS AND WORK IS TWO (2) MILES TO FIVE (5) MILES, A SUPPLEMENT DISTANCE PLAQUE (W7-3A) SHOULD BE USED WITH THE SHOULDER WORK SIGN (W21-5).

4. THE ROAD WORK NEXT XX MILES SIGN (G20-1) MAY BE USED INSTEAD OF THE ROAD WORK AHEAD SIGN (W20-1) IF WORK LOCATIONS OCCUR OVER A DISTANCE OF MORE THAN TWO (2) MILES.

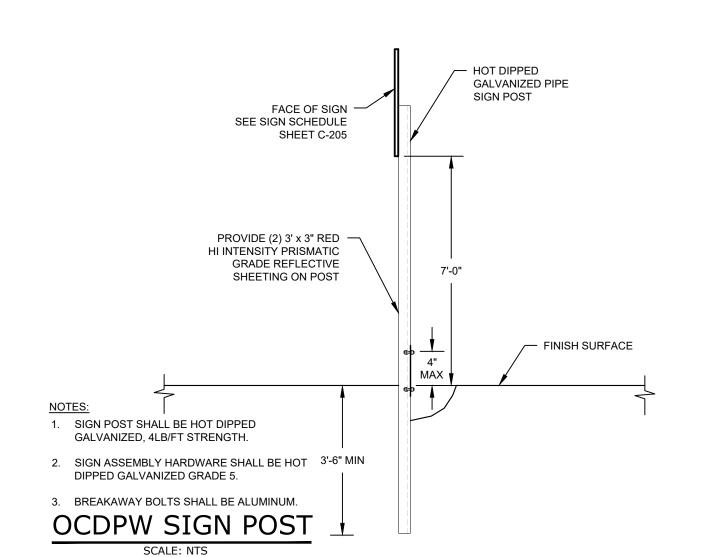
5. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A.

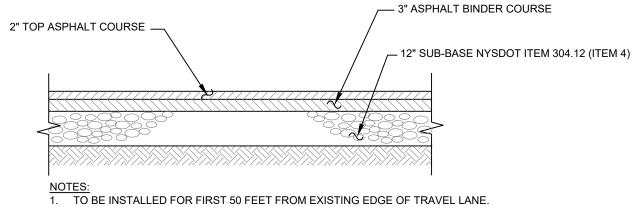
6. IN THOSE SITUATIONS WHERE MULTIPLE WORK LOCATIONS EXIST WITHIN A LIMITED DISTANCE MAKE IT PRACTICAL TO PLACE STATIONARY SIGNS, THE DISTANCE BETWEEN THE ADVANCE WARNING SIGN AND WORK SHALL NOT EXCEED FIVE (5) MILES.

7. CHANNELIZING DEVICE SPACE (CENTER TO CENTER) SHALL NOT EXCEED FORTY (40) FEET IN THE ACTIVE WORK SPACE.

8. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF EIGHT (8) FEET OR GREATER IS CLOSED FOR A DISTANCE SHOULDER CLOSURE

SHORT OR INTERMEDIATE TERM STATIONARY 2-LANE 2-WAY ROADWAY





2. ALL SUB-GRADE AND SUB-BASE SHALL BE COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR TEST.

3. EXISTING PAVEMENT SHALL BE SAWCUT AT THE WHITE LINE. ALL EXISTING SHOULDER PAVEMENT AND SUB-BASE SHALL BE REMOVED AND REPLACED WITH SUB-BASE AND PAVEMENT IN ACCORDNACE THE ABOVE CROSS

4. AT THE TIME OF CONSTRUCTION, THE NEW DRIVEWAY PAVEMENT IS TO BE KEYED INTO THE COUNTY ROAD SHOULDER ASPHALT AS DIRECTED BY THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS - DIVISION OF

OCDPW PAVEMENT SECTION

### OCDPW NOTES

1. ALL STRIPING SHALL BE IN ACCORDANCE WITH SECTION 640 OF THE NEW YORK STANDARD SPECIFICATION AND NYSDOT STANDARD SHEETS 685-01 THROUGH 685-05, CONSTRUCTION AND MATERIALS, LATEST EDITION. PAINTS SHALL BE WATER BASED WITH REFLECTIVE GLASS BEADS INSTALLED PER NYSDOT SPECIFICATIONS. ALL MATERIALS SHALL BE ON THE NYSDOT APPROVED LIST OF PRODUCTS. LANDSCAPING:

1. NO PLANTINGS, SIGNS, OR LANSCAPING FEATURES (TREES,SHRUBS,GATES,FENCES,STONE WALLS, STONE PILLARS, SIGNS, ETC.) SHALL BE PLACED WITHING ANY COUNTY RIGHT-OF-WAY. NO STONES OR BOULDERS SHALL BE PLACED OR INSTALLED WITHIN THE COUNTY RIGHT-OF-WAY FOR ANY PURPOSE (I.E. LANDSCAPING FEATURES, RETAINING STRUCTURES, OR TO CREATE A FLARE AT THE END OF A CULVERT).

2. ALL PORPOSED SIGNS, EXCEPT FOR HIGHWAY TRAFFIC SIGNS, ARE REQUIRED TO BE OFFSET FROM THE RIGHT-OF-WAY/FRONT PROPERTY BOUNDARY BY FOUR (4) FEET AND MUST BE FULLY CONTAINED ON PRIVATE PROPERTY. ALL PROPOSED FENCES, WALLS, GATES, AND LANDSCAPING FEATURES ARE REQUIRED TO BE OFFSET BY FIVE (5) FEET FROM THE PROPERTY BOUNDARY AND MUST BE FULLY CONTAINED ON, AND MAINTAINABLE FROM, PRIVATE PROPERTY. BACKFILL MATERIALS:

1. ALL BACKFILL IS REQUIRED TO BE PLACED AND COMPACTED IN 12 INCH LIFTS MAXIMUM.

2. DRY K-CRETE IS REQUIRED TO BE USED AS BACKFILL UNDER ALL PAVEMENT AREAS.

3. ITEM NO. 4: ITEM 304.12 SUBBASE COURSE TYPE 2 IS REQUIRED TO BE USED AS BACKFILL FROM EDGE OF PAVEMENT AND WITHIN THE ORANGE COUNTY RIGHT-OF-WAY.

4. EXCAVATED MATERIAL IS ALLOWED TO BE USED AS BACKFILL MATERIAL BEYOND 8 FEET FROM THE EDGE OF PAVEMENT. NO BOULDERS/ROCKS OVER 6 INCHES ARE ALLOWED TO BE USED AS BACKFILL WITHIN THE ORANGE COUNTY RIGHT-OF-WAY. 5. MATERIAL TICKETS ARE REQUIRED TO BE PROVIDED TO THE ORANGE COUNTY INSPECTOR ON A DAILY BASIS FOR ALL MATERIAL USED IN THE COUNTY RIGHT OF WAY.

1. THE FOLLOWING EQUIPMENT IS REQUIRED TO BE ON SITE ON A DAILY BASIS AND FULLY OPERATIONAL.

a. VIBRATORY TRENCH ROLLER; PRIMARY COMPACTION EQUIPMENT

b. JUMPING JACK COMPACTOR; SECONDARY COMPACTION EQUIPMENT FOR USE IN TIGHT AREAS, WHERE THE VIBRATORY TRENCH ROLLER CANNOT BE USED c. MECHANICAL SWEEPER

d. SIDE-DUMP LOADER OR SKID STEER (I.E. BOBCAT)

e. ASPHALT ROLLER IF ANY OF THE EQUIPMENT LISTED ABOVE IS NOT OPERATIONAL, NO EXCAVATING SHALL BE PERFORMED UNTIL ALL EQUIPMENT IS FUNCTIONING PROPERLY.

ASPHALT RESTORATION:

1. ALL PAVEMENT IS REQUIRED TO BE RESTORED ON A DAILY BASIS 2. RAGGED TRENCH EDGES MUST SAW CUT PRIOR TO AND PAVING (TEMPORARY OR PERMANENT)

3. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN THE 5" OF BINDER COURSE FLUSH WITH THE EXISTING PAVEMENT SURFACE THROUGHOUT THE DURATION OF THE

PROJECT. FINAL ASPHALT RESTORATION IS TO BE COMPLETED AT THE COMPLETION OF THE PROJECT.

4. ALL TEMPORARY ASPHALT IS REQUIRED TO BE FIVE (5) INCHES THICK AND PLACED IN TWO (2) LIFTS OF 2.5 INCHES.

5. ALL EDGES OF EXISTING ASPHALT ARE REQUIRED TO BE SWEPT AND TACK COATED PRIOR TO PAVING. 6. ALL ASPHALT IS REQUIRED TO BE SAW CUT PARALLEL OR PERPENDICULAR TO THE TRENCH OR TO THE EXISTING ASPHALT. NO RAGGED EDGES ARE ACCEPTABLE.

7. ALL SAW CUTTING IS REQUIRED TO BE PERFORMED PRIOR TO PLACING ASPHALT BINDER. MILLING OUT THE JAGGED EDGES ON THE TOP COURSE OR FINAL ASPHALT WILL NOT BE ACCEPTED BY ORANGE COUNTY.

8. ALL ASPHALT JOINTS ARE REQUIRED TO BE CRACK SEALED UPON COMPLETING FINAL PAVING.

### **GENERAL NOTES:**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF SIGNS, GUIDE RAILS, GUIDE POSTS, CULVERT PIPES, MAILBOXES, HEADWALLS, ETC. WHICH MUST BE REMOVED FOR CONSTRUCTION. CONTRACTOR SHALL REINSTALL ANY REMOVED ITEMS ON A DAILY BASIS. ANY ITEMS DAMAGED BY REMOVAL OR REINSTALLATION SHALL BE REPLACED AND REINSTALLED BY THE CONTRACTOR WITH A NEW ITEM.

2. NO UTILITY WORK (WATER, SEWER STORM DRAINAGE) IS ALLOWED TO BE PERFORMED BETWEEN NOVEMBER 15 AND MARCH 15 WITHIN THE COUNTY RIGHT OF WAY.

3. NO TRACK EQUIPMENT IS ALLOWED ON THE COUNTY ROAD WITHOUT PLACING MATS, PLYWOOD, TIRES, ETC. TO PROTECT THE ASPHALT ROAD.

4. NO OPEN TRENCHES ARE ALLOWED TO REMAIN OPEN OVER NIGHT. ALL OPEN TRENCHES ARE REQUIRED TO BE BACKFILLED ON A DAILY BASIS.

5. NO ROAD PLATES ARE ALLOWED TO BE USED OVERNIGHT. ROAD PLATES ARE ONLY ALLOWED TO BE USED DURING DAILY OPERATIONS TO MAINTAIN TRAFFIC ON THE ROADWAY AND AT RESIDENTIAL/COMMERCIAL DRIVEWAYS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER COORDINATION WITH HOMEOWNERS AND BUSINESSES TO ENSURE THAT THEY CAN ENTER AND EXIT THEIR DRIVEWAYS DURING THE COURSE OF DAY TO DAY OPERATIONS.

6. THE PERMITEE, OR THEIR CONTRACTOR, IS RESPONSIBLE FOR COORDINATION OF THEIR WORK WITH ADJACENT PROPERTY OWNERS, RESIDENTS AND BUSINESSES TO ENSURE THAT THEY CAN SAFELY ENTER AND EXIT THEIR DRIVEWAYS DURING THE COURSE OF DAY TO DAY OPERATIONS.

MAINTENANCE AND PROTECTION OF TRAFFIC:

1. ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONSTRUCTION SIGNAGE SHALL BE INSTALLED AND IN PLACE PRIOR ANY WORK STARTING. ALL CONSTRUCTION SIGNAGE IS REQUIRED TO MEET THE REQUIREMENTS AS PER THE "NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FO STREETS AND HIGHWAYS" AND NYS SUPPLEMENT LATEST EDITION AND REVISIONS. THE CONSTRUCTION SIGNAGE SHALL BE INSTALLED ON BREAKAWAY POSTS OR ON WIND-MASTERS AND COVERED AND UNCOVERED ON A DAILY BASIS. THE CONTRACTOR MUST HAVE ALL NECESSARY CONSTRUCTION SIGNS TO PERFORM THE WORK SAFELY; I.E. ADDITIONAL SIGNAGE: ONE LANE ROAD AHEAD, FLAGGER SYMBOL, IF A LANE

2. ALL CONSTRUCTION SIGNAGE IS REQUIRED TO BE 730-05.02 - ASTM TYPE III (CLASS B) AS PER NYS STANDARD SPECIFICATIONS: CONSTRUCTION AND MATERIALS. HI-INTENSITY REFLECTIVE SHEETING OFTEN REFERRED TO AS HIGH INTENSITY. IT IS RECOMMENDED FOR HIGHWAY SIGNS, CONSTRUCTION SIGNS, DELINEATORS, AND OTHER WORK ZONE DEVICES. 3. ORANGE COUNTY RESERVES THE RIGHT TO PRECLUDE ALL WORK AND LANE CLOSURES DURING ANY INCLEMENT WEATHER OR OTHER UNFORESEEN CIRCUMSTANCES (I.E. WET, ICY CONDITIONS, REDUCED VISIBILITY, TRAFFIC ACCIDENTS ON STATE, COUNTY, TOWN, OR VILLAGE ROAD, OR OTHER EMERGENCIES).

4. NO LANES CLOSURES WILL BE PERMITTED FROM 12 NOON PRIOR TO A HOLIDAY AND UNTIL 10 AM THE DAY AFTER A HOLIDAY.

5. FLAGGERS SHALL NOT CONTROL MORE THAN ONE APPROACH AT ANYTIME THROUGHOUT THE DURATION OF THE WORK ZONE. ADDITIONAL FLAGGERS ARE REQUIRED TO CONTROL ALL APPROACHES IN A WORK ZONE.

6. EIGHTEEN (18) INCH STOP AND SLOW PADDLES ARE REQUIRED TO DIRECT TRAFFIC. 7. TWO WAY RADIOS ARE REQUIRED FOR FLAGGERS TO COMMUNICATE WITH EACH OTHER.

8. ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH ORANGE COUNTY REQUIREMENTS. THE FOLLOWING SIGNS ARE REQUIRED TO BE PLACED IN EACH DIRECTION TO PERFORM THE WORK PER THE APPROVED PLANS: ROAD WORK 1500 FEET, ROAD WORK 1000 FEET, ROAD WORK 500 FEET, ONE LANE ROAD AHEAD, FLAGGER SYMBOL ON EACH APPROACH WHEN

9. WHEN WORK IS PERFORMED ON THE SHOULDER THE FOLLOWING SIGNS ARE REQUIRED: ROAD WORK 1500 FEET, ROAD WORK 1000 FEET ROAD WORK 500 FEET, NO SHOULDER.

10. FLAGGER SYMBOLS ARE REQUIRED TO BE AVAILABLE FOR A NO SHOULDER WORK ZONE IN CASE FLAGGERS ARE USED TO DIRECT TRAFFIC.

11. THE MORE STRINGENT SIGN REQUIREMENTS OF ORANGE COUNTY SUPERSEDE ANY MUTCD REQUIREMENTS.

12. ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONSTRUCTION SIGNAGE SHALL BE INSTALLED AND IN PLACE PRIOR TO ANY WORK STARTING. ALL CONSTRUCTION SIGNAGE IS REQUIRED TO MEET THE REQUIREMENTS AS PER THE "NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS" AND NYS SUPPLEMENT LATEST EDITION AND REVISIONS. THE CONSTRUCTION SIGNAGE SHALL BE INSTALLED ON BREAKAWAY POSTS OR ON WIND MASTERS AND COVERED AND UNCOVERED ON A DAILY BASIS. 13. THE CONTRACTOR MUST HAVE ALL THE NECESSARY CONSTRUCTION SIGNS TO PERFORM THE WORK SAFELY; I.E. ADDITIONAL SIGNAGE: ONE LANE ROAD AHEAD, FLAGGER SYMBOL, IF A LANE HAS TO BE CLOSED TO PERFORM WORK.

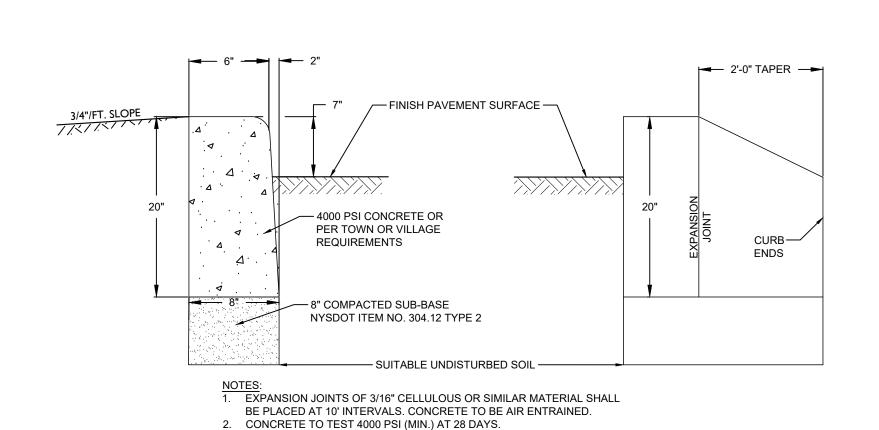
14. WORK ZONE IS REQUIRED TO BE PROPERLY DELINEATED WITH CONES OR CONSTRUCTION BARRELS.

### OSHA REQUIREMENTS: MUST BE ADHERED TO AT ALL TIMES

1. SHORING - THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING ANY TRENCH OR EXCAVATION THAT IS GREATER THAN 5 FEET DEEP OR WHICH IN THE OPINION OF THE OCDPW INSPECTOR IN THE FIELD POSES A DANGER TO THE CONTRACTOR PERSONNEL ON THE JOB. THE CONTRACTOR HAS THE OPTION OF USING A PREFABRICATED SHORING SYSTEM, INSTALLING A TIMBER-CONSTRUCTED SYSTEM AS PER OSHA SPECIFICATIONS OR A TIMBER SYSTEM DESIGNED AND STAMPED BY A PROFESSIONAL ENGINEER. NO OTHER SHORING SYSTEM WILL BE APPROVED FOR USE ON THIS PROJECT.

1. THE NORMAL WORKING HOURS FOR THIS PROJECT WITHIN THE ORANGE COUNTY RIGHT-OF-WAY IS 7:00 AM TO 3:30 P.M. ALL TRAFFIC LANES MOIST BE BACK IN SERVICE BY 4:30 P.M. OCDPW MUST APPROVE ANY CHANGES

2. NO HOLIDAY WORK AS PER ORANGE COUNT'S APPROVED HOLIDAY SCHEDULE.



CONCRETE CURB DETAIL SCALE: NTS

**CURB DROP SECTION** SCALE: NTS

No.	DATE	DESCRIPTION
1	09/02/20	REVISED PER PLANNING BOARD COMMENTS
2		REVISED PER PLANNING BOARD COMMENTS

DRAWING STATUS	ISSUE DATE:					
DRAWING STATUS	09/15/2020					
THIS SHEET IS PART OF	SHEET					
THE PLAN SET ISSUED FOR	NUMBER					
CONCEPT APPROVAL	N/A	OF	N/A			
☑ PLANNING BOARD APPROVAL	19	OF	19			
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/			
THIS PLAN SET HAS BEEN ISSUED SPECIFICALLY FOR THE APPROVAL OR ACTION NOTED ABOVE AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.  THIS SHEET SHALL BE CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL SHEETS OF THE DENOTED PLAN SET(S).						

