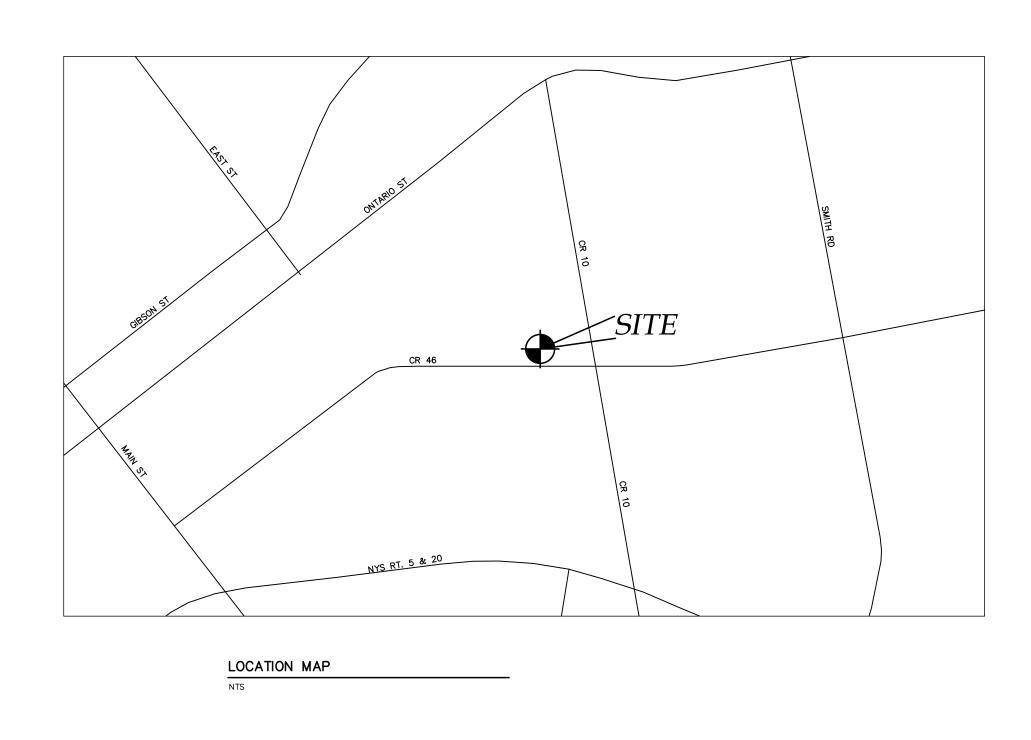
### NEW COMMERCIAL SITE PLAN:

# PRO-CUTTERS LANDSCAPE INC.

2970 CR 10 TOWN OF CANANDAIGUA COUNTY OF ONTARIO STATE OF NEW YORK MARCH 1, 2022







AERIAL PHOTO

INDEX:

COVER

EX100 - EXISTING CONDITIONS MAP

C100 - SITE PLAN

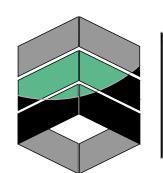
C200 - UTILITY PLAN

C300 - GRADING PLAN

C400 - CONSTRUCTION EROSION CONTROL PLAN

L100 - LANDSCAPE PLAN

C500 - DETAILS C501 - DETAILS



## MarksEngineering

MARKS ENGINEERING, P.C. 42 BEEMAN STREET CANANDAIGUA, NY 14424 (585)905-0360 WWW.MARKSENGINEERING.COM

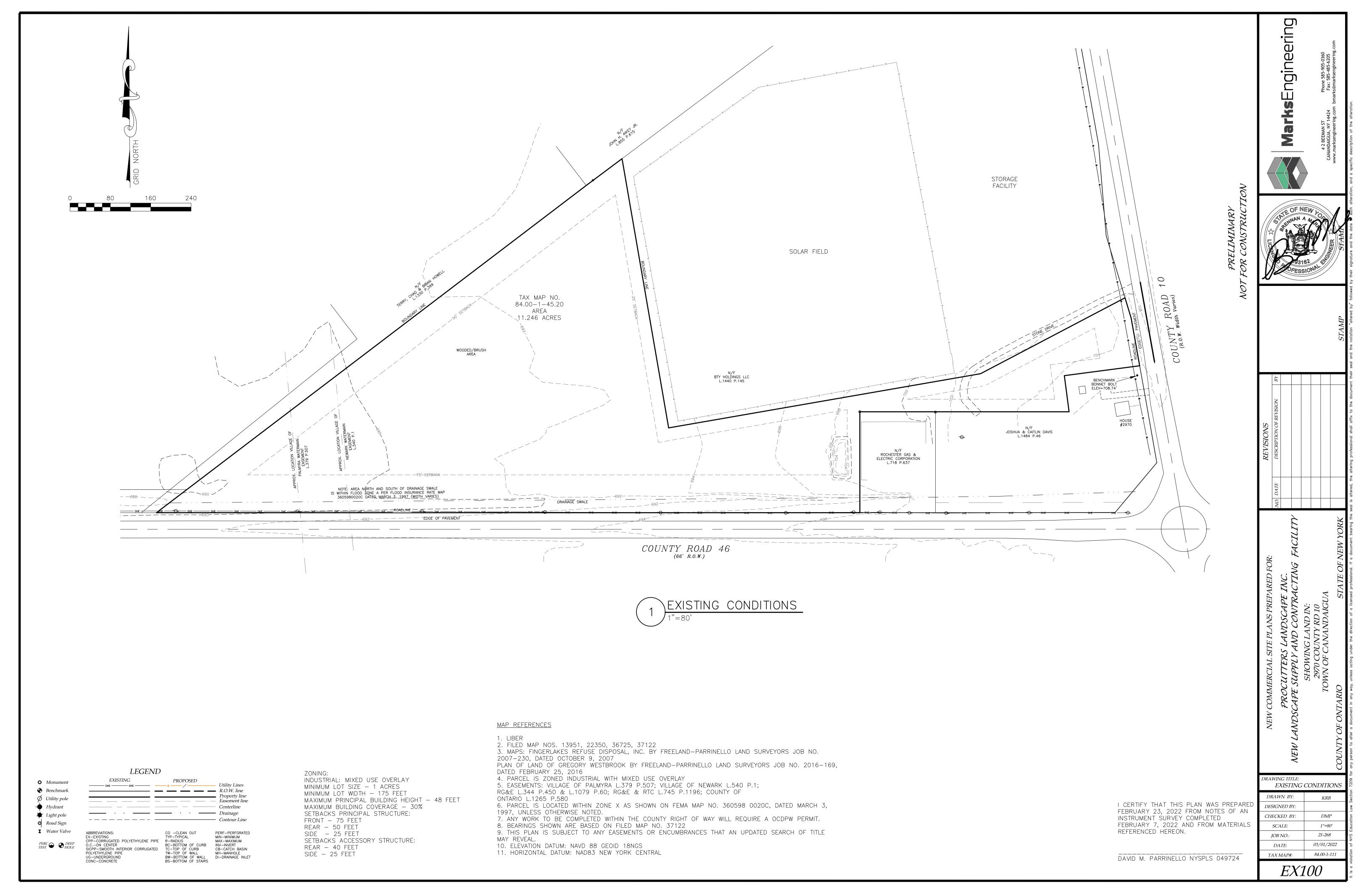
PREPARED FOR: STEVE PISAREK

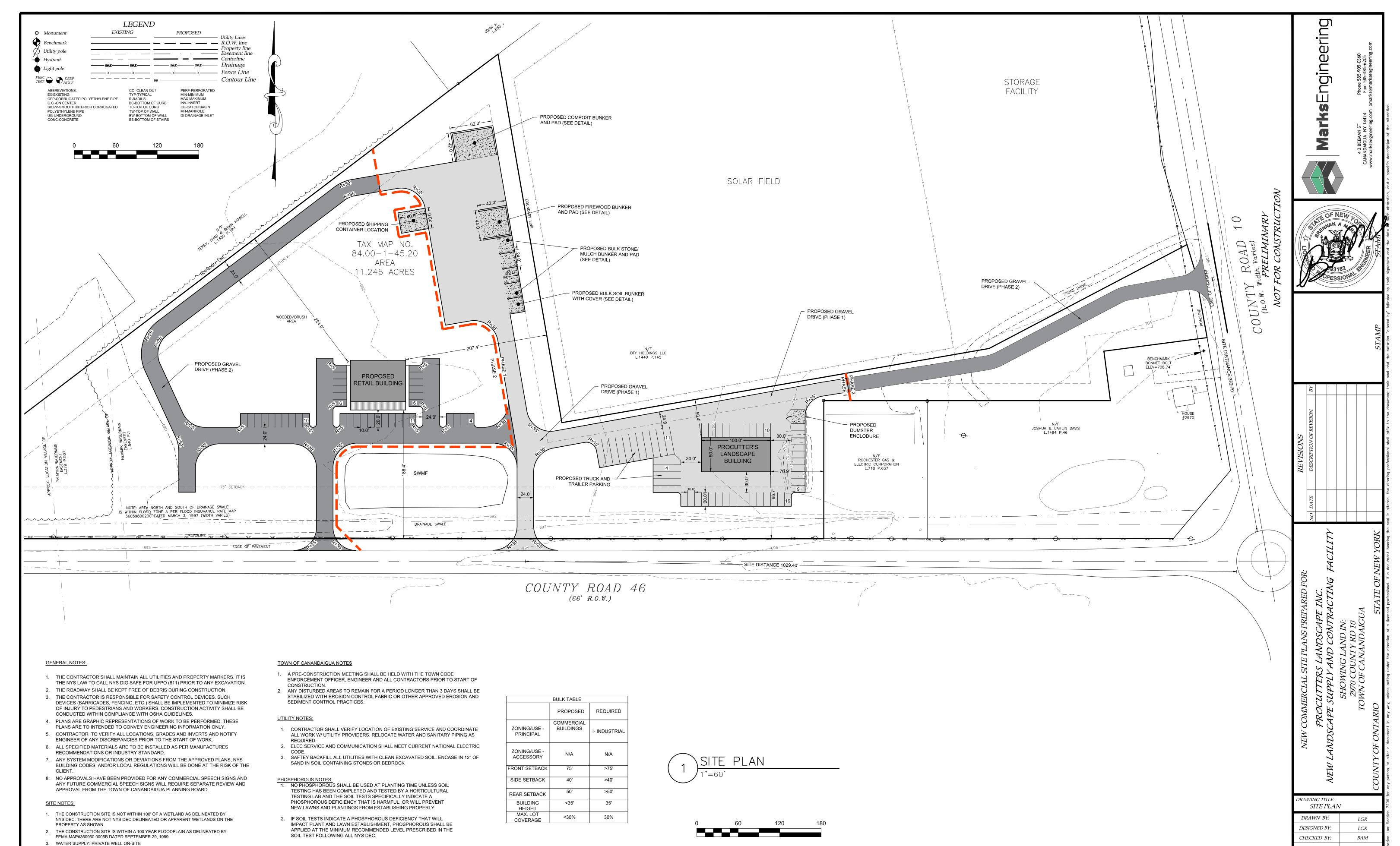
PROPERTY OWNER: STEVE PISAREK PO BOX 589 CANANDAIGUA, NEW YORK 14424

REVISED

PRO-CUTTERS
2870 CR 10
TOWN OF CANANDAIGUA
COUNTY OF ONTARIO
NEW YORK

JOB #21-268 03/01/2020





4. NYS SPDES PERMIT IS REQUIRED FOR THESE CONSTRUCTION ACTIVITIES AS

5. ALL NEW OUTDOOR LIGHTING ON SHALL HAVE APPROPRIATE SHIELDS AND CUT-OFF TO LIMIT ILLUMINATION OF OTHER PROPERTIES. ALL LIGHTS SHALL BE

DISTURBANCE SHALL BE GREATER THAN ONE ACRE.

DARK SKY COMPLIANT.

 SCALE:
 1"=60'

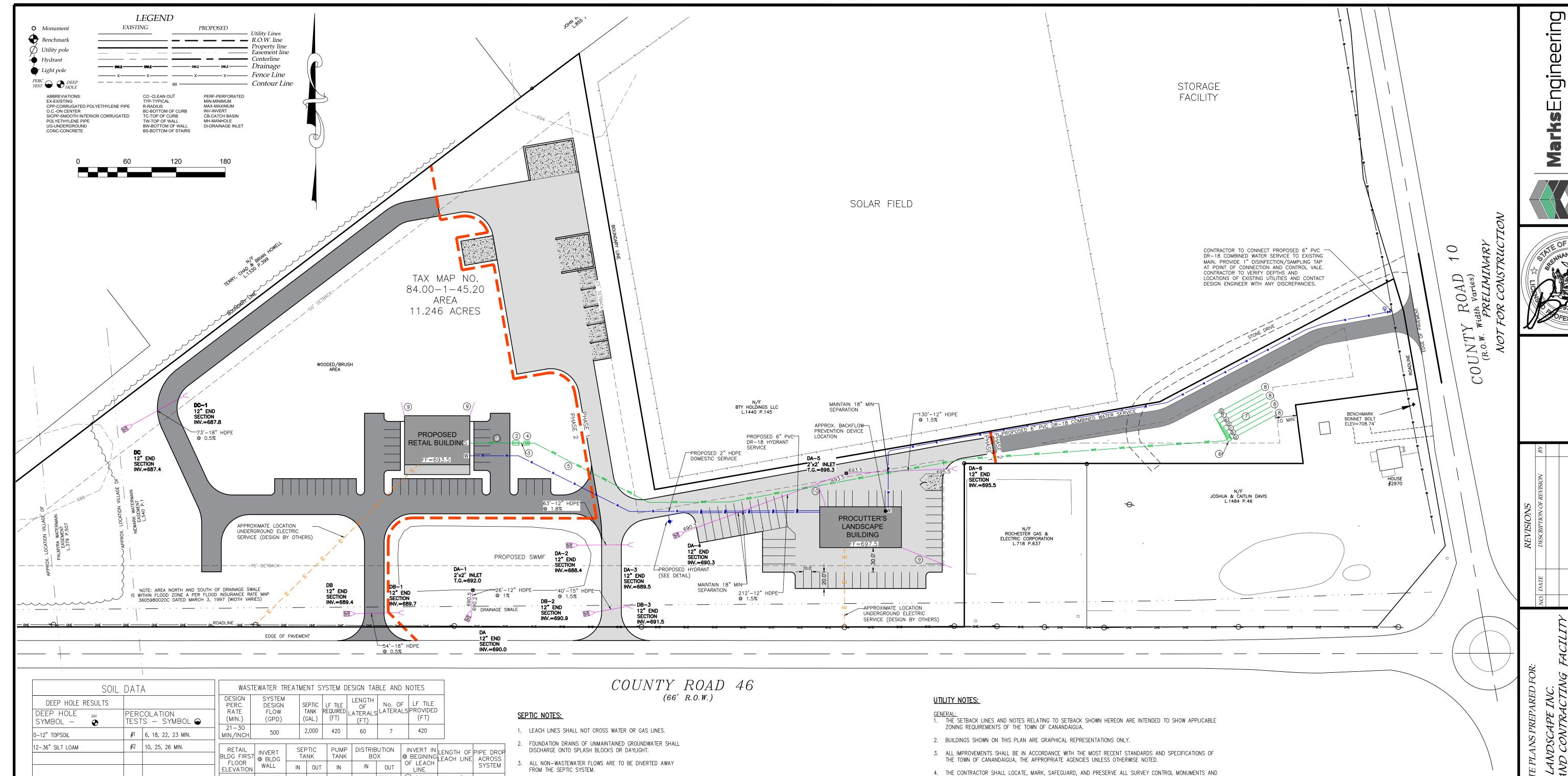
 JOB NO.:
 21-268

 DATE:
 03/01/2022

 TAX MAP#:
 84.00-1-111

PLANNING BOARD CHAIRMAN

TOWN ENGINEER



±693.5 | ± 690.5 | 689.3 | 689.0 | 688.8 | 703.4 | 703.2 703.00 60' -0.2

702.75

702.50

d) 702.25

e) 702.00

f) 701.75 |

(g) 701.50

60'

60'

60'

60'

60'

60'

-0.2

-0.2

-0.2

-0.2

-0.2

-0.2

SPECIFICATION LEGEND:

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

- 1 BUILDING TO SEPTIC TANK 6" SCH. 40 PVC @ 1/4" PER FT. MINIMUM, INSTALLED ON A COMPACTED 4" CRUSHED STONE OR SAND BASE. 10' MINIMUM SEPARATION DISTANCE BETWEEN BUILDING AND SEPTIC TANK TO BE MAINTAINED.
- 2 SEPTIC TANK SHALL BE A KISTNER PRODUCTS CONCRETE TANK OR EQUAL. THE TANK SHALL BE DUAL COMPARTMENT WITH A CAPACITY OF 2000 GALLONS
- WITH A MINIMUM LIQUID SURFACE AREA OF 52 SQ. FT. FOR THE WWTS DESIGN FOR THE PROPOSED SITE. (3) SEPTIC TANK TO PUMP TANK - 4" SCH. 40 PVC @ 1/8" PER FT. MINIMUM, INSTALLED ON A COMPACTED 4" CRUSHED STONE OR SAND BASE.
- 4 PUMP TANK TO BE 1000 GALLON ROTH PUMP TANK OR EQUIVALENT TO BE EQUIPPED WITH GOULDS PUMP MODEL WE05H EFFLUENT PUMP. SEE PUMP TANK DETAILS FOR ADDITIONAL SPECIFICATION REQUIREMENTS.
- (5) PROPOSED FORCEMAIN TO DISTRIBUTION BOX TO BE 1.5" 160 PSI FORCEMAIN BURIED AT MIN 48" DEEP.
- (6) DISTRIBUTION BOX SHALL BE A 7 OUTLET MINIMUM, KISTNER PRECAST CONCRETE BOX OR EQUAL AND INSTALLED PER DETAIL.
- PROPOSED SHALLOW MODIFIED ABSORPTION TRENCH WASTEWATER SYSTEM WITH PREFERRED FILL MATERIAL OF APPROXIMATELY THE SAME PERCOLATION RATE AS THE UNDERLYING PERMEABLE SOIL FILL MATERIAL, INCLUDING 6" TOPSOIL LAYER, SHALL NOT BE MORE THAN 30 INCHES ABOVE ORIGINAL GRADE. PREFERENCE IS FOR THE TRENCH BOTTOM TO EXTEND INTO THE IN-SITU SOILS TO PROMOTE VERTICAL DISTRIBUTION TO SOILS. ENGINEER SHALL INSPECT PRIOR TO AND AFTER FILL IS PLACED. INSTALL NEW LEACH LINES IN FILL MATERIAL. SEED AND MULCH AND MAINTAIN AS LAWN. LENGTH AND QUANTITY PER WASTEWATER DESIGN TABLE SIZING AND INVERTS.
- 8 LEACH LINES 4" PERFORATED PVC PER ASTM D2729 (MINIMUM 3000 LBS CRUSH STRENGTH) @ 1/32" PER FT. MINIMUM AND 1/16" PER FT. MAXIMUM, ALL LINES ARE TO HAVE TIGHT JOINTS.
- 9 BUILDING FOOTER (AS NECESSARY) AND SEPARATE ROOF DRAINAGE SYSTEMS (6" PVC SDR 21 @ 1 MIN) SHALL DISCHARGE WATER AWAY FROM THE WASETWATER TREATMENT SYSTEM AND TO THE LOW SIDE OF THE AREA TO BE DEVELOPED.
- BACKFLOW PREVENTION DEVICE DRAIN 6" PVC SDR-21 @ 2% MIN. CONNECT TO STORM SEWER AND PROVIDE BACKWATER CHECK VALVE WITHIN

THE PROPOSED ABSORPTION FIELD AREA SHOULD BE STAKED OUT TO PREVENT ENTRY OF VEHICLES AND MATERIALS. IF THIS AREA IS DISTURBED, NEW PERCOLATION TESTS MAY BE REQUIRED AND SEPTIC SYSTEM APPROVAL MAY BE REVOKED. CONTRACTOR TO BE RESPONSIBLE FOR ALL COSTS FOR REDESIGN AND REMEDIATION IF THE AREA OF THE ABSORPTION FIELD IS DISTURBED BEFORE OR AFTER SYSTEM INSTALLATION.

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

### **CONSTRUCTION PROCEDURES:**

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

- RIGHT-OF-WAY MONUMENTS IN THE AREAS OF CONSTRUCTION.
- 5. EXISTING UNDERGROUND UTILITIES SHOWN HEREIN WERE PLOTTED FROM FIELD LOCATIONS AND/OR UTILITY COMPANY RECORD PLANS. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CALL THE UFPO HOTLINE AT 1(800)962-7962 FOR STAKE-OUT OF EXISTING UTILITIES.
- 6. THE CONTRACTOR SHALL DETERMINE EXACT LOCATION AND ELEVATION OF UNDERGROUND UTILITIES BEFORE COMMENCING CONSTRUCTION. CONTRACTOR SHALL MAKE EXPLORATION EXCAVATIONS TO LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS AS REQUIRED TO MEET EXISTING CONDITIONS.
- 7. HIGHWAY DRAINAGE ALONG COUNTY ROAD 46 & 10 IS TO BE MAINTAINED.

- 8. WATER SERVICES AND APPURTENANCES TO BE CONSTRUCTED TO THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF CANANDAIGUA.
- 9. MINIMUM SEPARATION BETWEEN WATER SERVICE AND SEWER MAINS TO BE 18" VERTICALLY MEASURED FROM THE OUTSIDE OF THE PIPES AT THE POINT OF CROSSING. MINIMUM HORIZONTAL SEPARATION BETWEEN WATER SERVICE AND SEWER MAINS SHALL BE CENTERED UNDER OR OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. WHERE WATER SERVICE CROSSES UNDER A SEWER, ADEQUATE STRUCTURAL SUPPORT (COMPACTED SELECT FILL) SHALL BE PROVIDED FOR THE SEWERS TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING ON AND BREAKING THE WATER SERVICE.
- 10. WATER METERS ARE TO BE LOCATED ON THE INTERIOR OF EXTERIOR WALLS IMMEDIATELY UPON SERVICE ENTRANCE INTO THE BUILDING. ON METERED SERVICES REQUIRING GREATER THAN 1" METER, A BY-PASS AROUND THE METER IS REQUIRED.

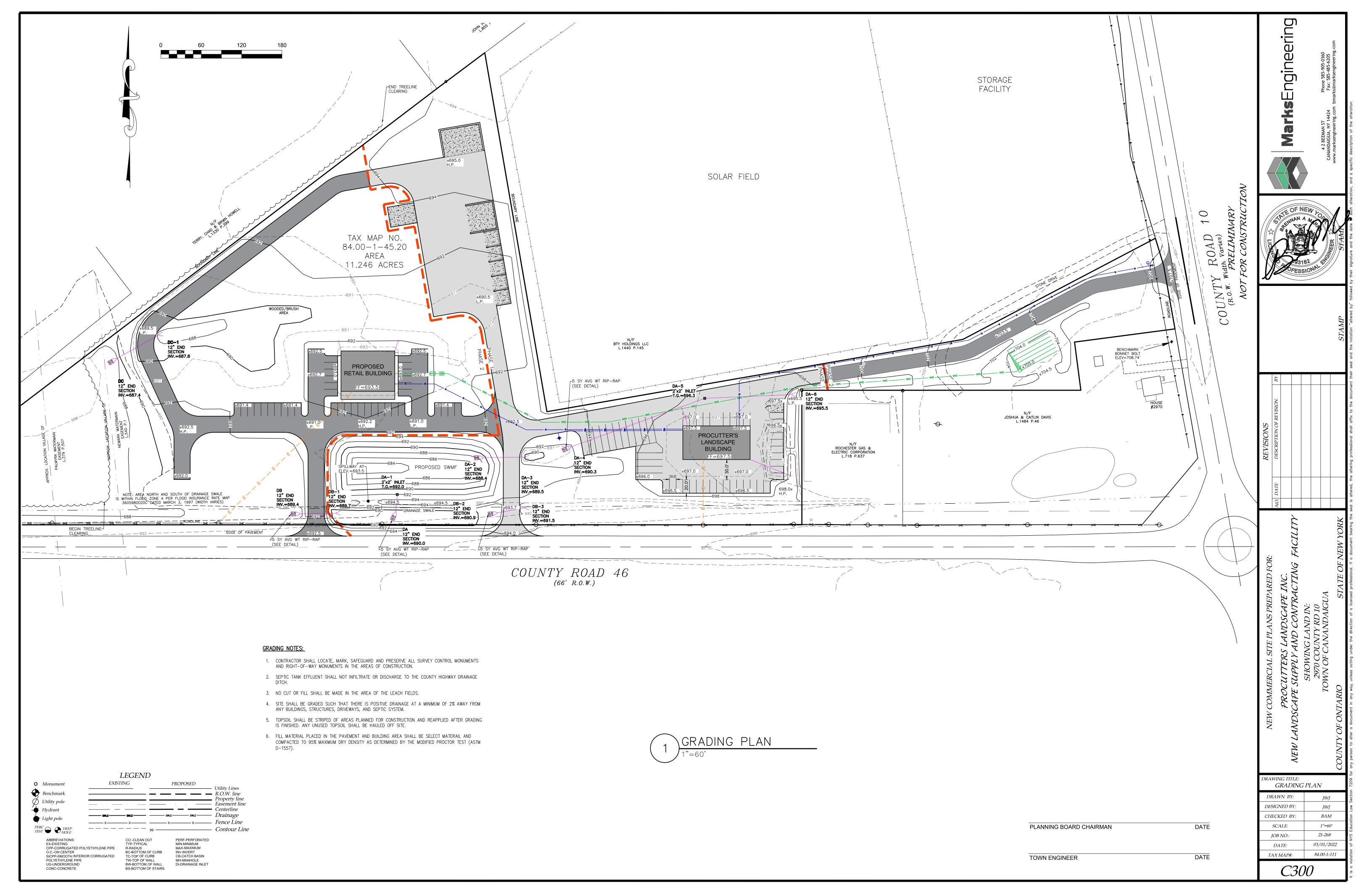
### STORM SEWER NOTES: 11. STORM SEWERS AND APPURTENANCES SHALL BE CONSTRUCTED ACCORDING TO THE TOWN OF CANANDAIGUA DESIGN AND CONSTRUCTION REQUIREMENTS.

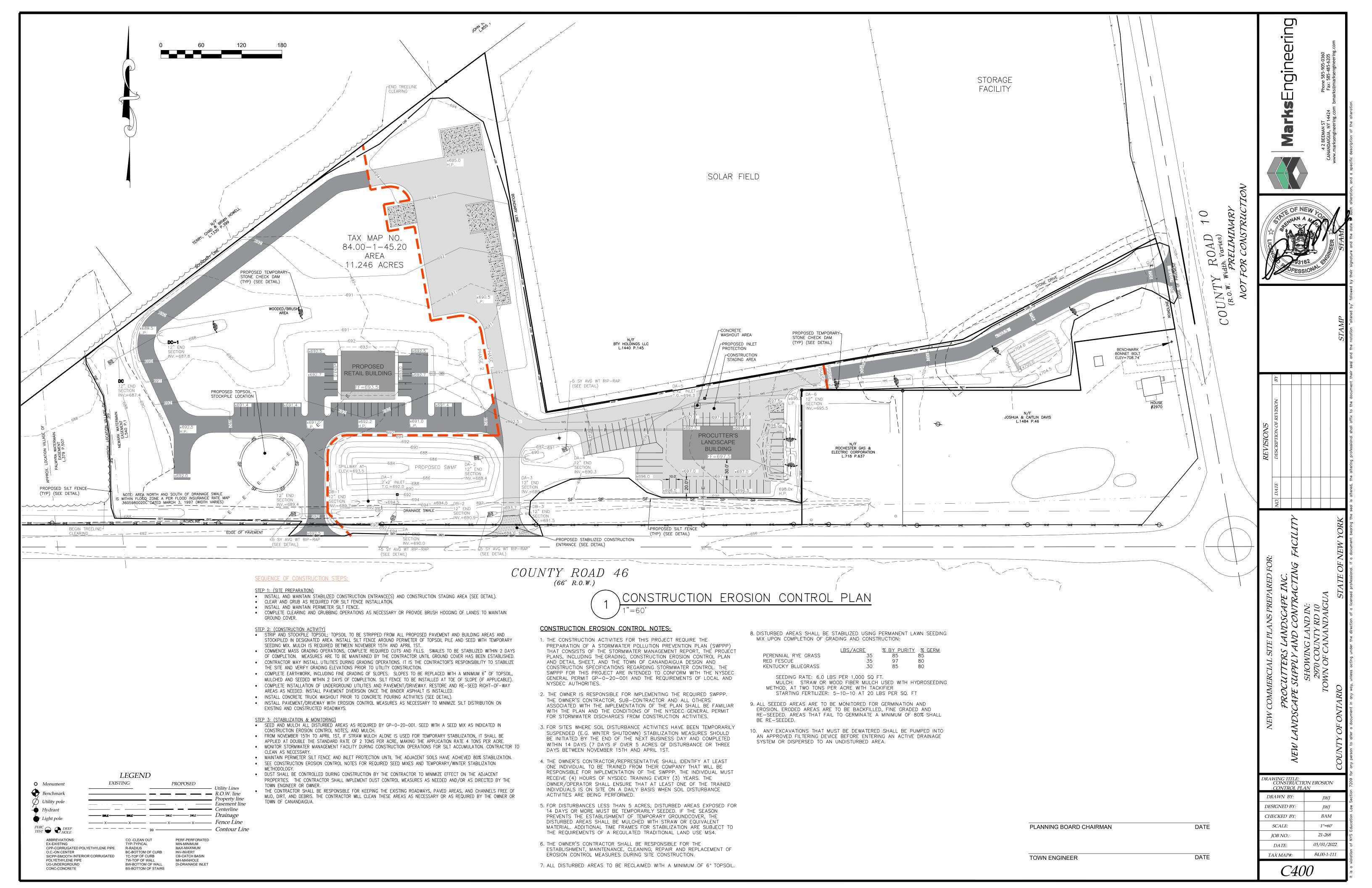
12. STORM SEWER PIPE SHALL BE HDPE OR AS NOTED ON THE PLAN.

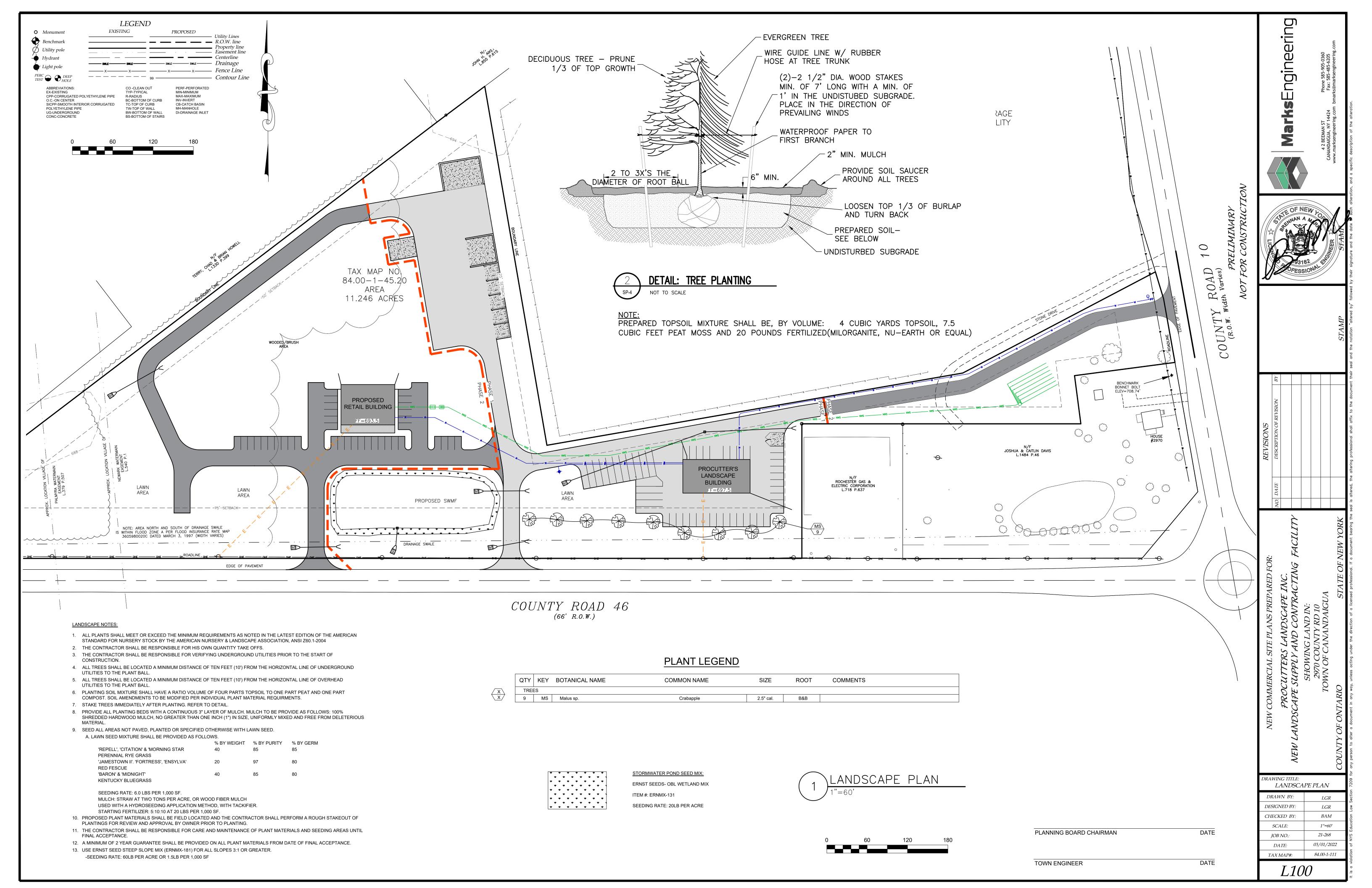
PLANNING BOARD CHAIRMAN	DAT

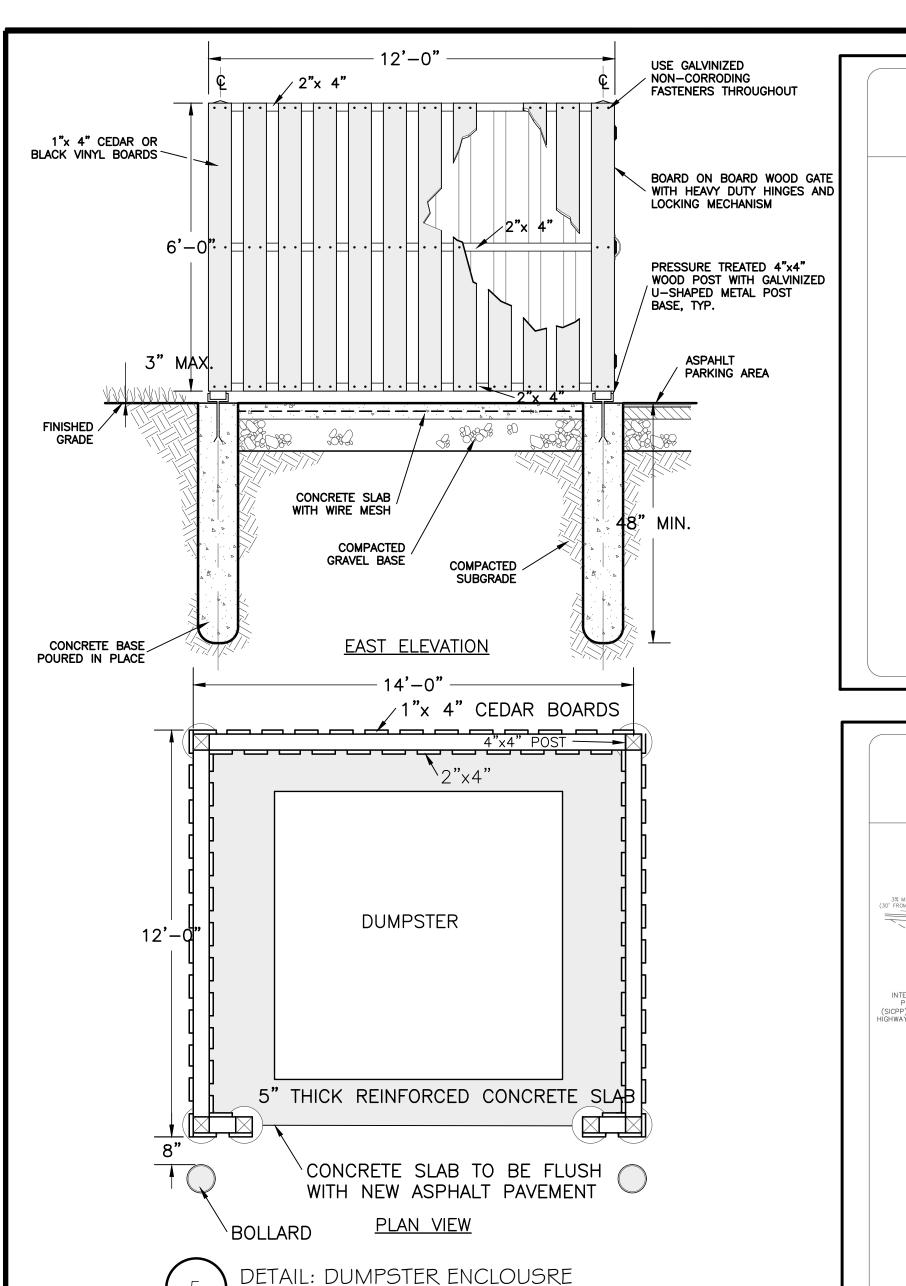
TOWN ENGINEER

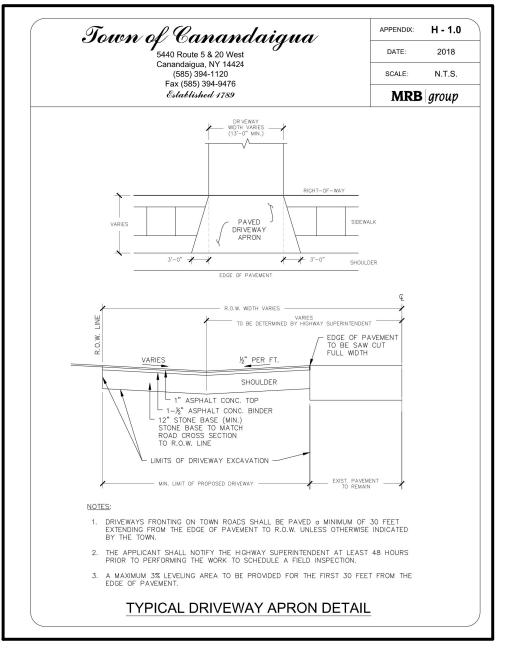
DRAWING TITLE: UTILITY PLAN DRAWN BY: DESIGNED BY BAMCHECKED BY: 21-268 JOB NO.: 03/01/2022 DATE: 84.00-1-111 TAX MAP#:

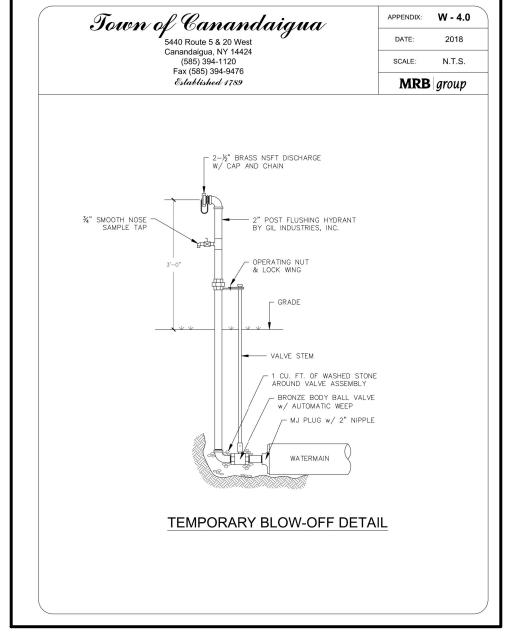


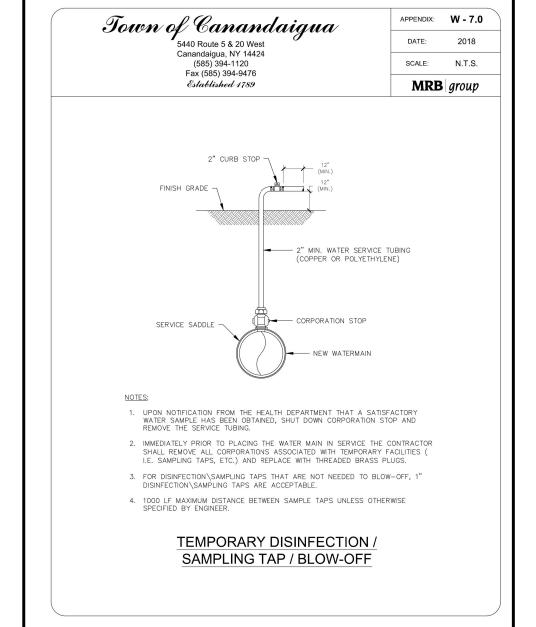


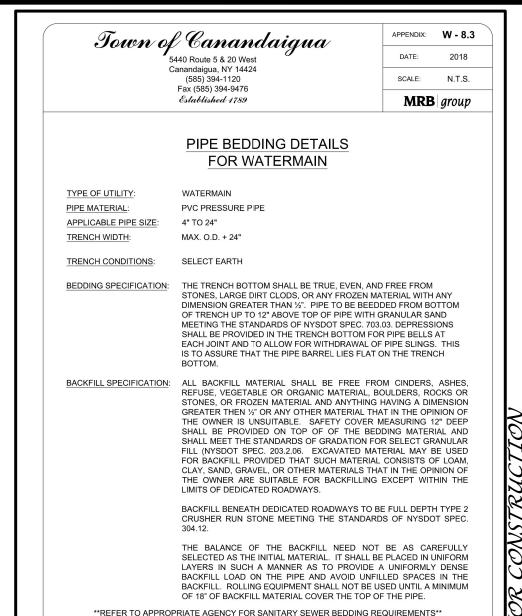






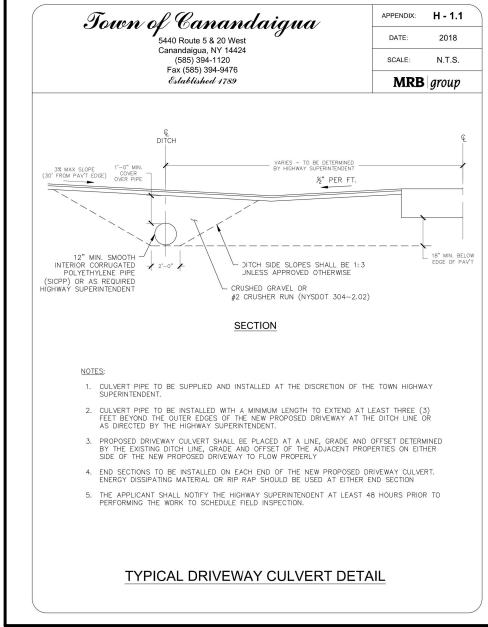


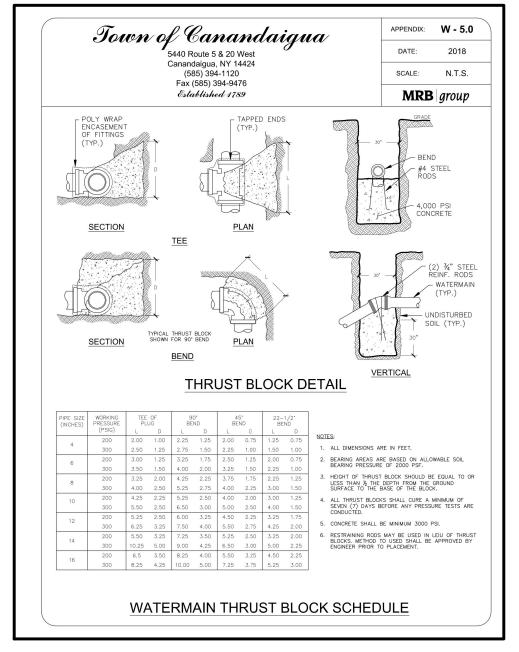


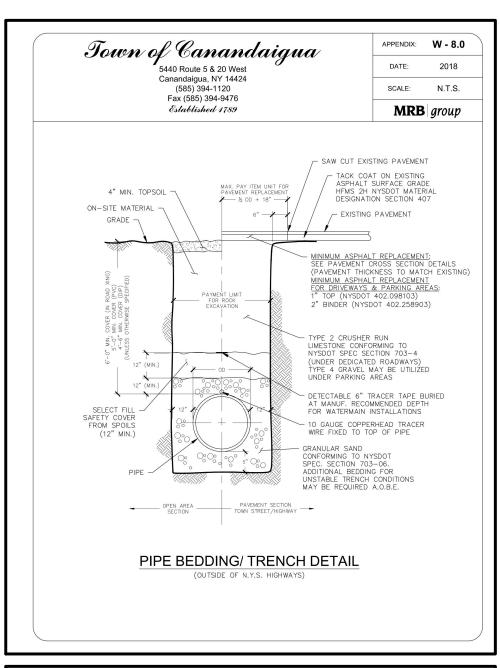


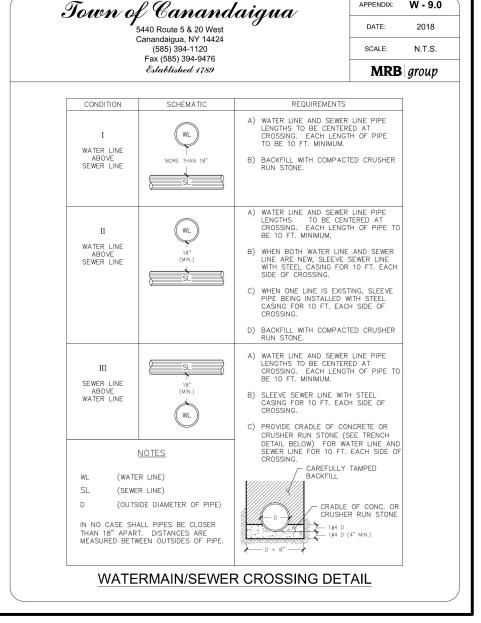


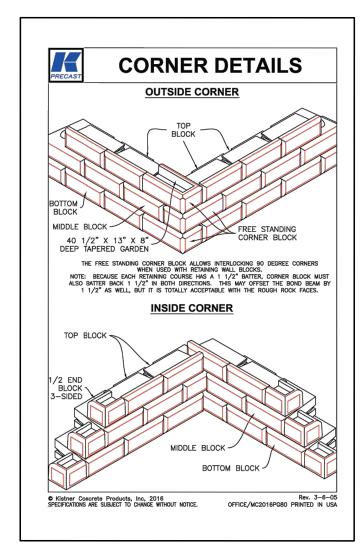
Engineering



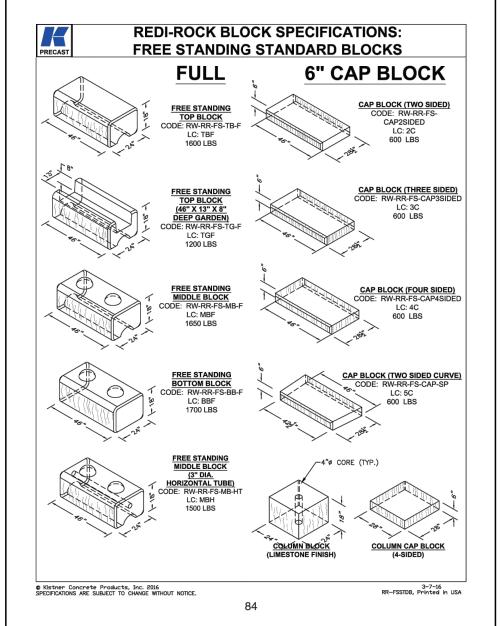


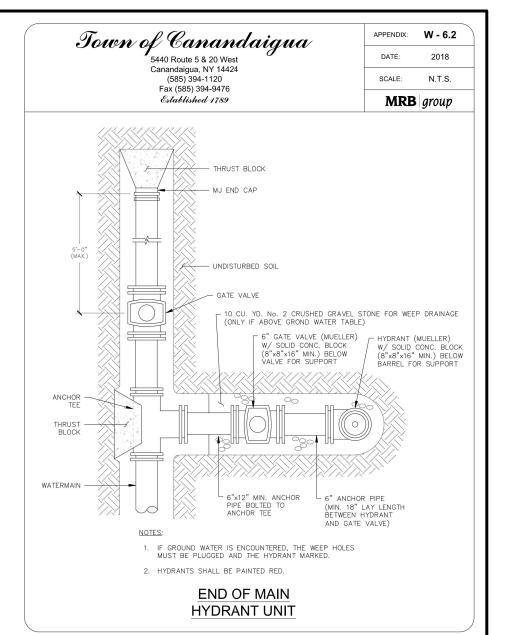


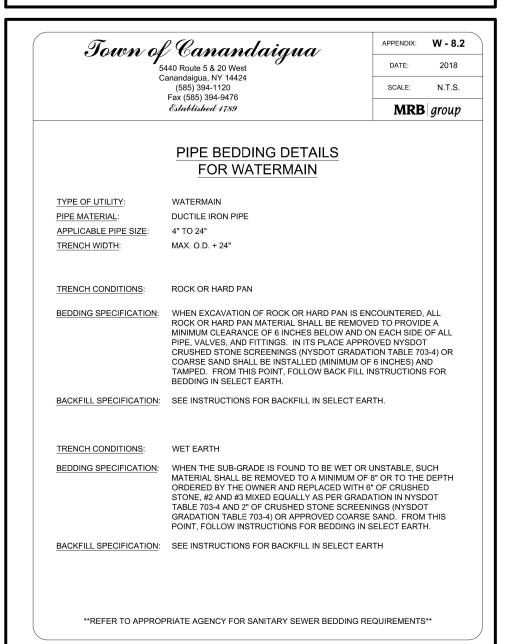


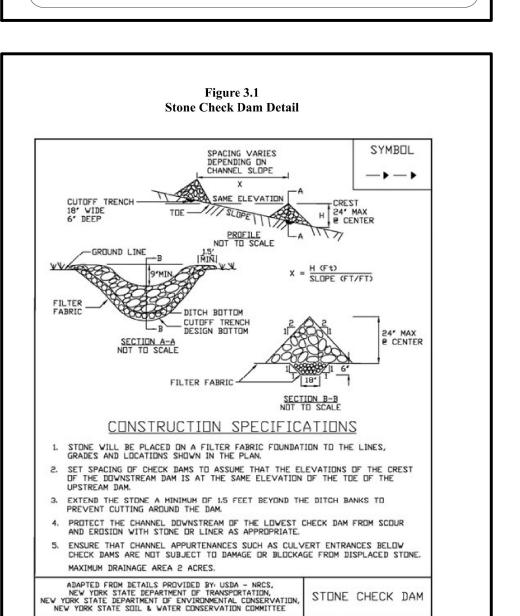




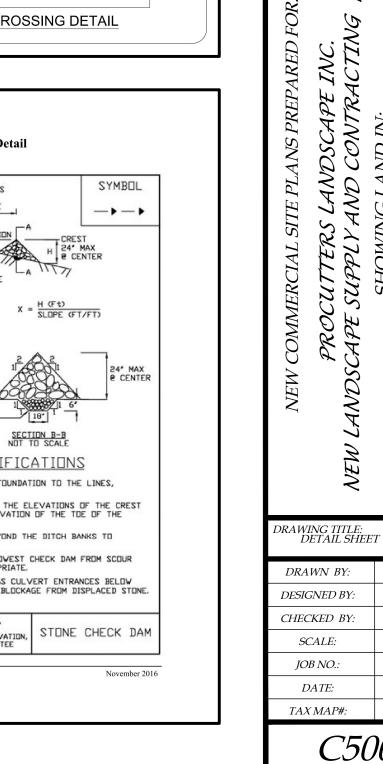








New York State Standards and Specifications For Erosion and Sediment Control



84.00-1-111

JWJ

JWJ

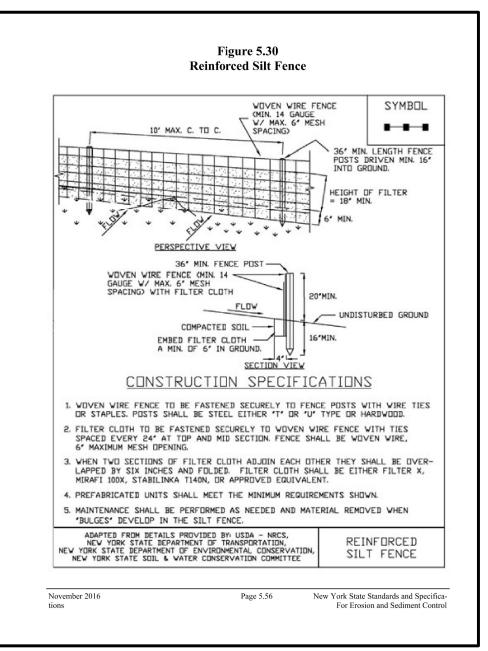
BAM

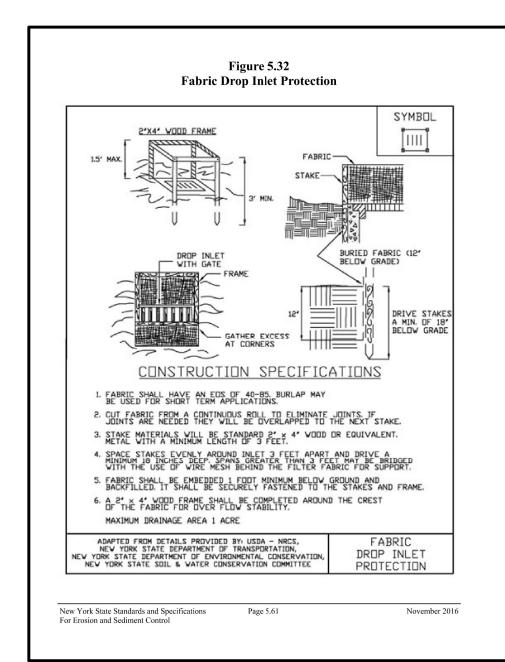
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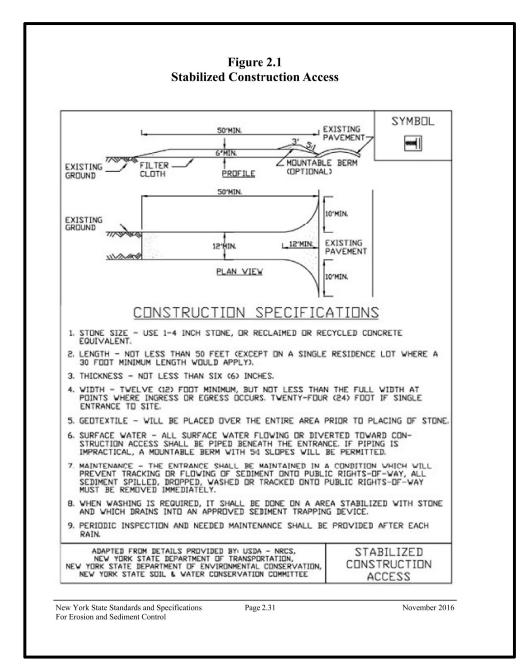
21-268

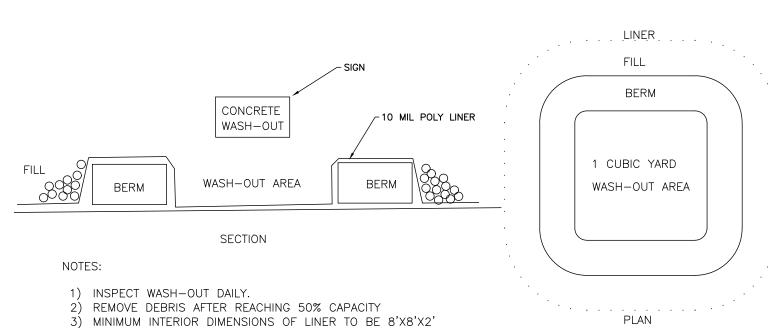
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C500





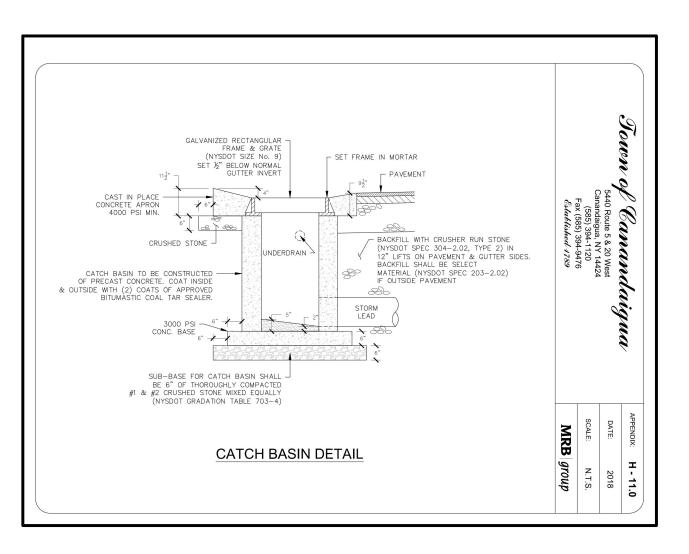


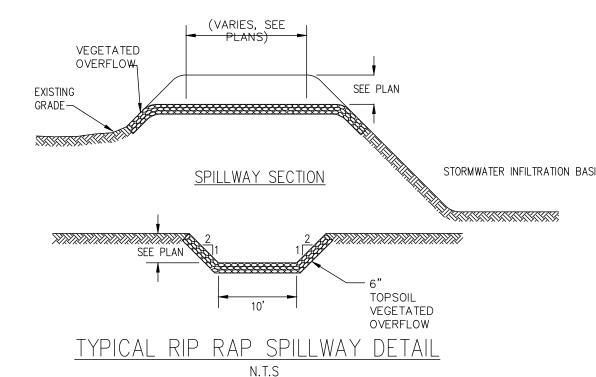


CONCRETE WASHOUT

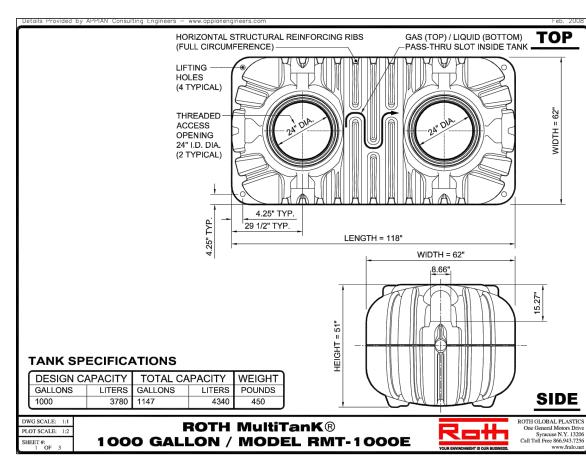
4) THE LINER IS TO BE REPLACED WHENEVER THE CONCRETE WASHOUT

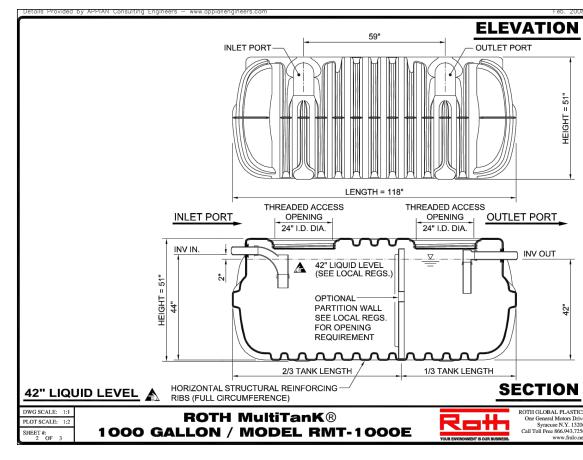
IS EMPTIED AND WHENEVER ANY TEARS ARE NOTED IN THE LINEAR.

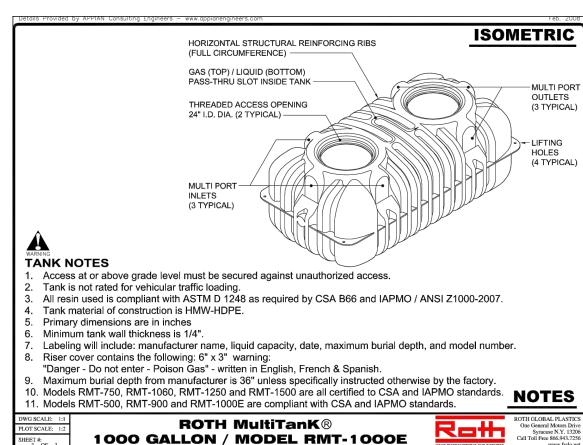


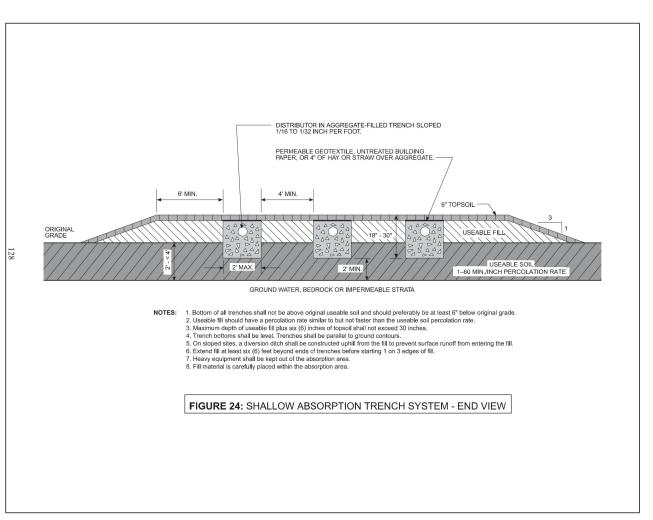


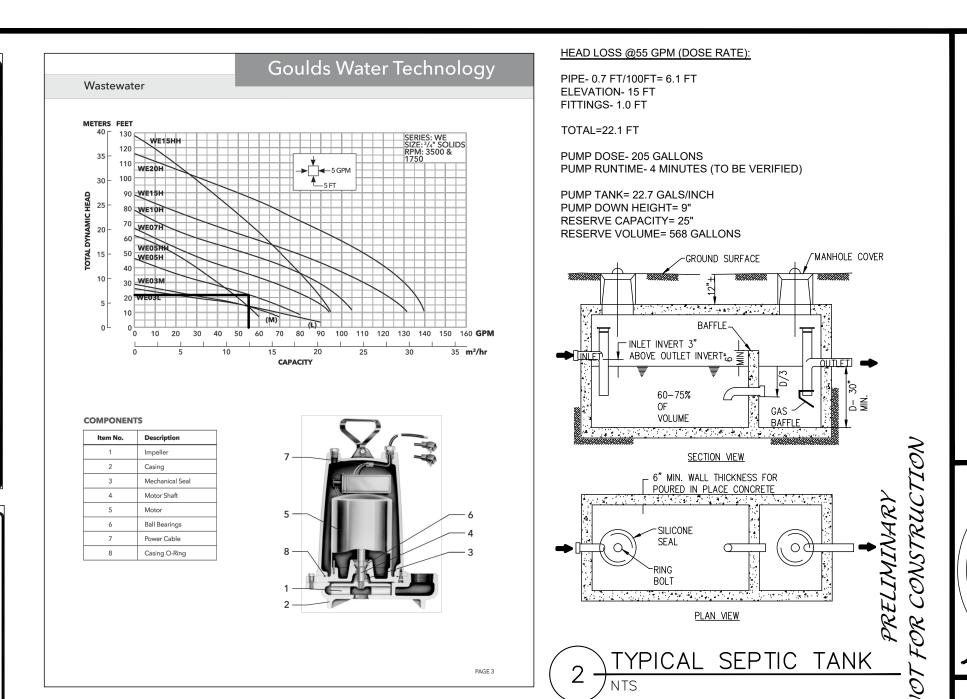
		DIA. OF PIPE Do	3Do	La	W	S.Y. OF RIP-RAP	
	UPPER CULVERT	12"	3'	4'	5'	5 SY	
	LOWER CULVERT	12"	3'	4'	5'	5 SY	
	ROOF LEADERS	6"	1.5'	4'	5'	5 SY	
	RIP-	-RAP OL	JTLET	DIM	ENSI	<u>ONS</u>	
SECTION DO DO		B -	FIL	RIP-RAP TER CLOT	CROSS	SECTION A—A  W'——  ER CLOTH—  S SECTION B—B	
	PLANVIEW	RIP-I PROTE	RAP C CTION n.t.s	DETA	<u> </u>		

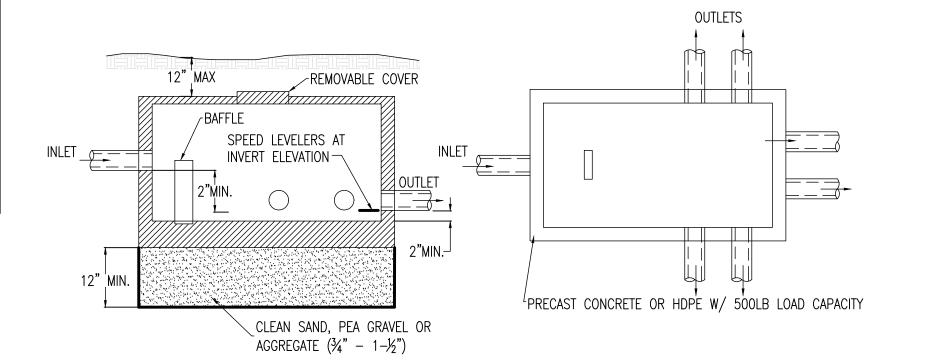




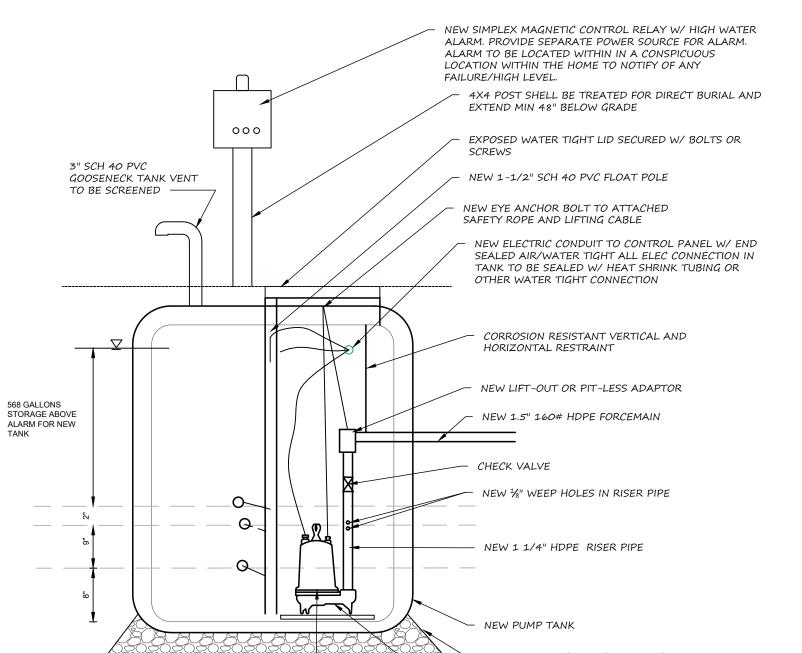








TYPICAL D-BOX



TYPICAL PUMP TANK DETAIL

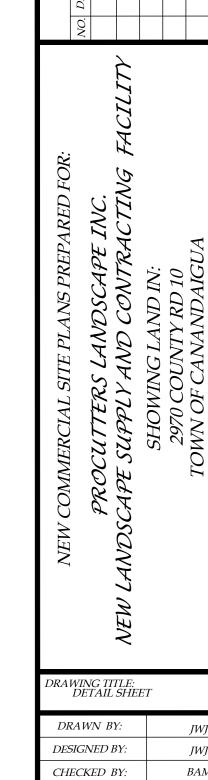
NEW WEO5H PUMP BY GOULD OR EQUAL

SET ON MIN 5" COMPACTED PEA GRAVEL AND

UNDER PUMP IF TANK IS PLASTIC OR FIBERGLASS

INSTALL PER MANUFACTURERS RECOMMENDATIONS

NEW PUMP PROVIDE 1 1/2" CONCRETE PAVER BLOCKS



Engineering

 DRAWN BY:
 JWJ

 DESIGNED BY:
 JWJ

 CHECKED BY:
 BAM

 SCALE:
 N/A

 JOB NO.:
 21-268

 DATE:
 03/01/2022

 TAX MAP#:
 84.00-1-111

C501

