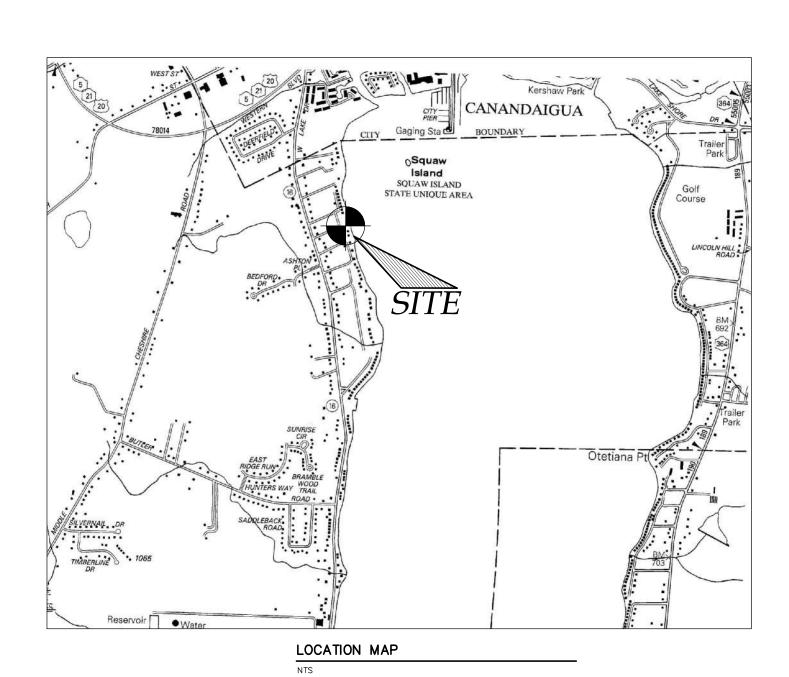
# LAWRENCE A. WERGES & JENNIFER FOX-WERGES NEW RESIDENTIAL SITE PLAN

4963 WATER EDGE DRIVE TOWN OF CANANDAIGUA COUNTY OF ONTARIO STATE OF NEW YORK APRIL 8, 2020 REVISED 6/4/20



AERIAL MAP - FOR REFERENCE ONLY







# *INDEX:*

COVER

EX100 - EXISTING CONDITIONS AND DEMO PLAN

C100 - SITE PLAN C500 - DETAILS C501 - DETAILS

SITE:

4963 WATERS EDGE DRIVE TOWN OF CANANDAIGUA

PREPARED FOR:
NEW ENERGY WORKS
1180 COMMERCIAL DRIVE
FARMINGTON, NY 14425

PROPERTY OWNER: LAWRENCE A. WERGES & JENNIFER FOX-WERGES 5265 OLD WEST LAKE RD CANANDAIGUA, NY 14522

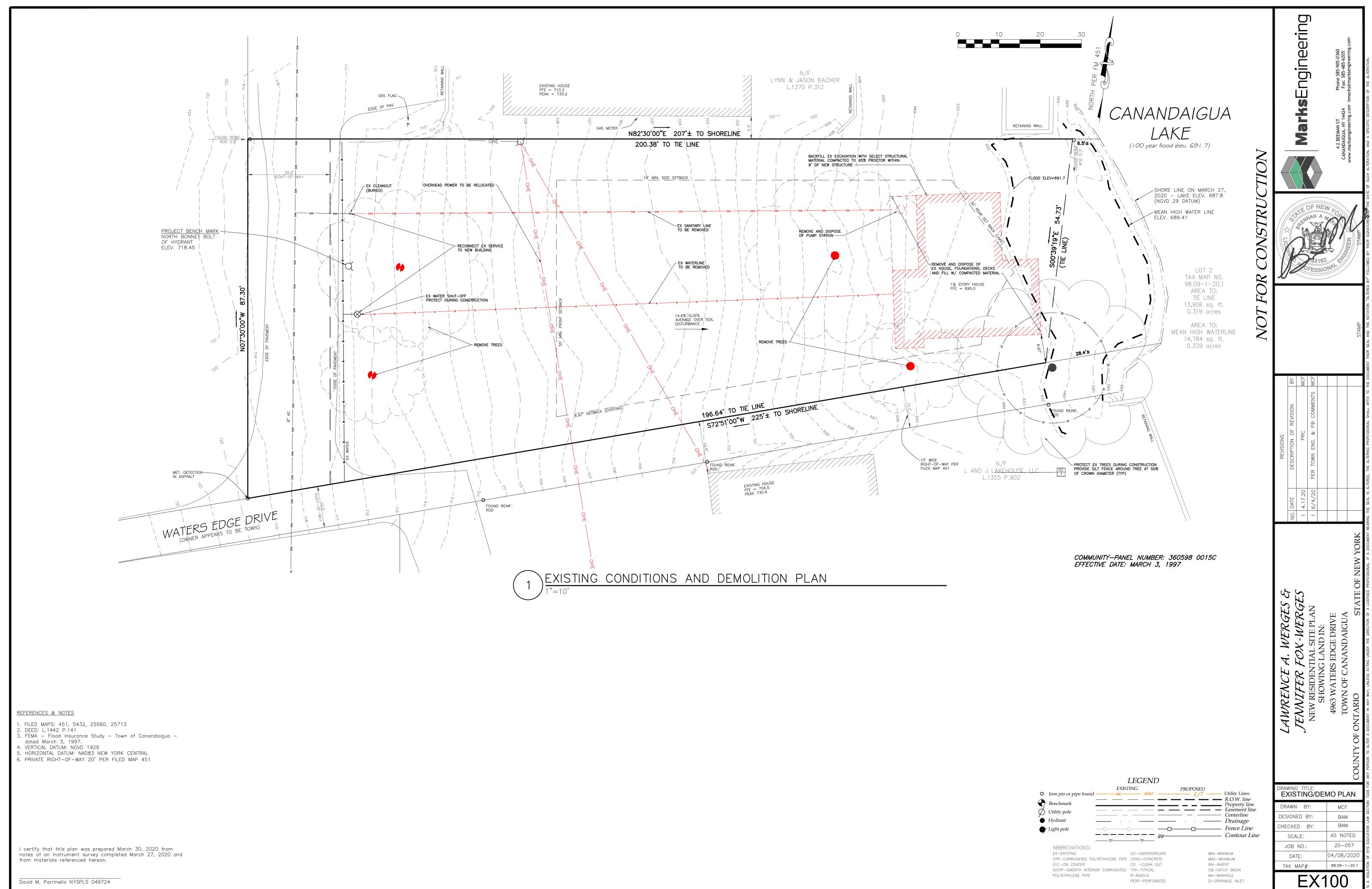
DATE: 04/08/2020

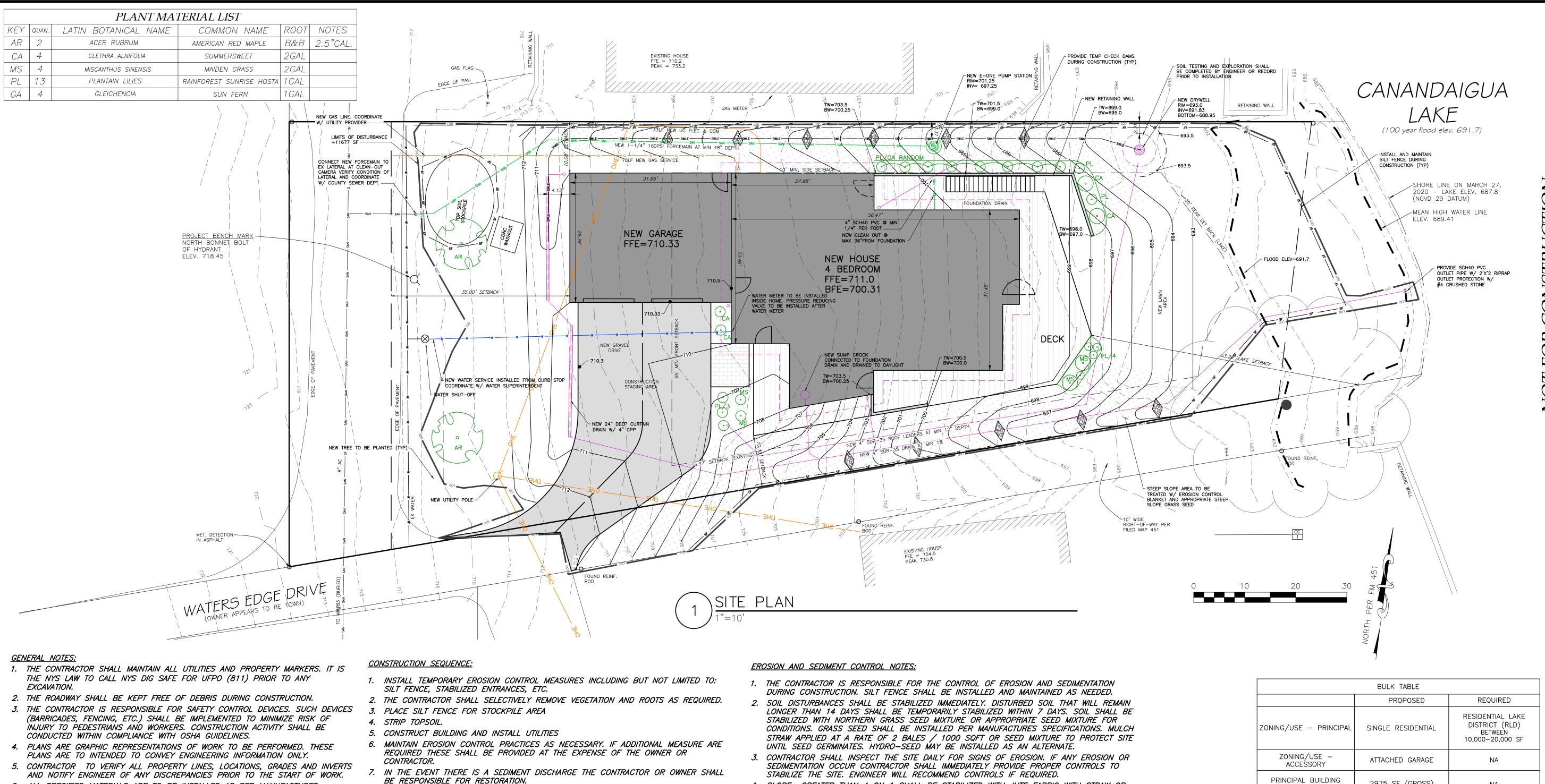
*REVISIONS:*04/17/2020 - PRC
6/4/20 - PER TOWN ENG. & PB COMMENTS

### PREPARED BY:



MARKS ENGINEERING, P.C.
42 BEEMAN ST.
CANANDAIGUA, NY 14424
(585) 905-0360
INFO@MARKSENGINEERING.COM





- 6. ALL SPECIFIED MATERIALS ARE TO BE INSTALLED AS PER MANUFACTURES RECOMMENDATIONS OR INDUSTRY STANDARD. ENGINEER DOES NOT HOLD ANY LIABILITY FOR SYSTEM FAILURE. ANY SYSTEM
- MODIFICATIONS OR DEVIATIONS FROM THE APPROVED PLANS, NYS BUILDING CODES, AND/OR LOCAL REGULATIONS REQUIRED BY SITE CONSTRAINTS, UNFORESEEN CONDITIONS OR GOVERNING AUTHORITIES WILL BE DONE AT THE RISK OF THE
- 8. ALL CONSTRUCTION SHALL COMPLY WITH CURRENT NYS AND LOCAL BUILDING CODES AS WELL AS NATIONAL ELECTRIC CODE.
- 9. ELEVATIONS ARE BASED ON NGVD 29 DATUM.

### SITE NOTES:

- ALL EXTERIOR LIGHTING SHALL BE DARK SKY COMPLIANT W/ CUT-OFF TO PROHIBIT SHEDDING OF LIGHT ON TO OTHER PROPERTIES.
- THE CONSTRUCTION SITE IS NOT WITHIN 100' OF A WETLAND AS DELINEATED BY NYS DEC. THERE ARE NOT NYS DEC DELINEATED OR APPARENT WETLANDS ON THE PROPERTY AS SHOWN.
- 3. THE CONSTRUCTION SITE IS WITHIN A 100 YEAR FLOODPLAIN AS DELINEATED BY FEMA. 4. WATER & SEWER: TOWN OF CANANDAIGUA WATER & CANANDAIGUA LAKE COUNTY SEWER
- DISTRICT 5. NYS SPDES PERMIT IS NOT REQUIRED FOR THESE CONSTRUCTION ACTIVITIES,
- DISTURBANCE SHALL BE LESS THAN ONE ACRE. IF THE CONTRACTOR OR OWNER AT ANY TIME PLAN DISTURB GREATER THAN AN ACRE THE ENGINEER SHALL BE NOTIFIED. **UTILITY NOTES:**
- 1) CONTRACTOR SHALL COORDINATE ALL WORK W/ UTILITY PROVIDERS
- 2) NEW UNDERGROUND ELECTRIC AND COMMUNICATION SERVICE DEPTHS UNDER DRIVEWAY SHALL BE COORDINATED WITH UTILITY PROVIDER.
- WATER LINE SHALL BE BURIED AT MIN 5 FEET W/ TRACER WIRE 4) ELEC SERVICE AND COMMUNICATION SHALL MEET CURRENT NATIONAL ELECTRIC
- 5) GAS SERVICE SHALL BE INSTALLED PER CURRENT INTERNATIONAL FUEL GAS CODE.

- 8. FINAL GRADE SEED AND MULCH DISTURBED AREAS AS SOON AS POSSIBLE.
- 9. INSTALL CURTAIN DRAINS AND DRYWELL AFTER LAWN AREAS ARE ESTABLISHED.
- 10. REMOVE TEMPORARY EROSION CONTROLS AFTER AREAS ARE STABILIZED WITH VEGETATION. STONE OR ASPHALT.

### **PHOSPHORUS NOTES:**

- 1. NO PHOSPHOROUS SHALL BE USED AT PLANTING TIME UNLESS SOILS TESTING HAS BEEN COMPLETED AND TESTED BY A HORTICULTURAL TESTING LAB AND THE SOIL TESTS SPECIFICALLY INDICATE A PHOSPHOROUS DEFICIENCY THAT IS HARMFUL, OR WILL PREVENT NEW LAWNS AND PLANTINGS FROM ESTABLISHING PROPERLY.
- 2. IF SOIL TESTS INDICATE A PHOSPHOROUS DEFICIENCY THAT WILL IMPACT PLANT AND LAWN ESTABLISHMENT, PHOSPHOROUS SHALL BE APPLIED AT THE MINIMUM RECOMMENDED LEVEL PRESPCRIBED IN THE SOIL TEST FOLLOWING ALL NYS DEC.

# <u>GRADING NOTES:</u>

- CUT AND FILL SLOPES SHALL NOT EXCEED 3 ON 1.
- 2. CONSTRUCTION SHALL CONFORM TO THE TOWN OF CANANDAIGUA AND NYS
- CODES AND STANDARDS 3. SITE SHALL BE GRADED SUCH THAT THERE IS POSITIVE DRAINAGE AT A MINIMUM OF 2% AWAY FROM ANY BUILDINGS, STRUCTURES, DRIVEWAYS, AND
- 4. TOPSOIL SHALL BE STRIPED OF AREAS PLANNED FOR CONSTRUCTION AND REAPPLIED AFTER GRADING IS FINISHED. ANY UNUSED TOPSOIL SHALL BE HAULED OFF SITE.

- 4. SLOPE GREATER THAN 4 ON 1 SHALL BE STABILIZED WITH JUTE FABRIC WITH STRAW OR EROSION AND SEDIMENT CONTROL FABRIC INSTALLED AS PER MANUFACTURES SPECIFICATIONS AS REQUIRED. PROVIDE STEEP SLOPE GRASS SEED MIXTURE WITH 30% OR MORE PERENNIAL RYEGRASS FOR THESE AREAS
- 5. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN STALLED IN ACCORDANCE WITH 2016 NYS STANDARDS AND SPECIFICATIONS FOR EROSION AND
- 6. INSTALL AND MAINTAIN TEMPORARY DIVERSION SWALES AS NEEDED TO CONTROL RUNOFF DURING CONSTRUCTION.
- 7. THE SITE SHALL BE COMPLETELY STABILIZED FOLLOWING CONSTRUCTION ACTIVITIES AND ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED AND DISPOSED OF PROPERLY. 8. CONSTRUCTION STAGING AND PARKING AREAS SHALL BE LIMITED TO PAVED OR STONE
- AREAS OUTSIDE OF THE HIGHWAY RIGHT-OF-WAY. 9. ANY UNUSED SPOIL SHALL BE HAULED OFFSITE IMMEDIATELY.

### **VARIANCES REQUIRED:**

- 1. LOT COVERAGE OF 44.5% WHEN 30% IS THE MAXIMUM (14.5% VARIANCE) 2. BUILDING COVERAGE OF 25.1% WHEN 20% IS THE MAXIMUM (5.1%VARIANCE)
- 3. 35 FT. FRONT SETBACK FOR THE DWELLING WHEN 55 FT IS THE MINIMUM REQUIRED (20 FT VARIANCE) WITHIN THE RLD ZONING DISTRICT.

VARIANCES APPROVED 05/19/20 - CPN-20-024

PLANNING BOARD CHAIRMAN	DATE
TOWN ENGINEER	DATE
HIGHWAY / WATER SUPERINTENDENT	DATE

	BULK TABLE		
	PROPOSED	REQUIRED	
ZONING/USE — PRINCIPAL	SINGLE RESIDENTIAL	RESIDENTIAL LAKE DISTRICT (RLD) BETWEEN 10,000-20,000 SF	
ZONING/USE - ACCESSORY	ATTACHED GARAGE	NA	
PRINCIPAL BUILDING SQUARE FOOTAGE	2975 SF (GROSS)	NA	
MINIMUM LOT WIDTH	191'	125'	
LOT SIZE	14,723 SF	NA	
FRONT SETBACK	35' — VARIANCE REQUIRED	55'	
RIGHT SIDE SETBACK	10.10'	10'	
LEFT SIDE SETBACK	10.08	10'	
REAR SETBACK (LAKE SIDE)	53.28'	30'	
BUILDING HEIGHT	25'	25'	
BUILDING LOT COVERAGE	25.10%	20%	
LOT COVERAGE	44.5%	30%	

<ul><li>Iron pin or pipe f</li><li>Benchmark</li><li>Utility pole</li><li>Hydrant</li></ul>	OUND EXIST	TING elec	PRC	OPOSED  E/T — • —	<ul> <li>Utility Lines</li> <li>R.O.W. line</li> <li>Property line</li> <li>Easement line</li> <li>Centerline</li> <li>Drainage</li> </ul>
Light pole	——————————————————————————————————————		)———	-0	<ul><li>Fence Line</li><li>Contour Line</li></ul>
ABBREVIATIOI ex-existing cpp-corrugate o.con center	D POLYETHYLENE PIPE	UG-UNDERGROUN CONC-CONCRETE CO -CLEAN OUT	D	MAX-	MINIMUM -MAXIMUM NVERT

R-RADIUS

PERF-PERFORATED

DI-DRAINAGE INLET

SITE PLAN MCF DESIGNED BY: BAM BAM HECKED BY: AS NOTE SCALE: 20-057 04/08/202 98.09-1-20 TAX MAP#.

**Marks**Engineering

# DH071/DR071

Patent Numbers: 5,752,315

5,562,254 5,439,180

NA0050P01 Rev C

### **General Features**

The model DH071 or DR071 grinder pump station is a complete unit that includes: the grinder pump, check valve, HDPE (high density polyethylene) tank, controls, and alarm panel. A single DH071 or DR071 is a popular choice for one, average single-family home and can also be used for up to two average singlefamily homes where codes allow and with consent of the factory.

- Rated for flows of 700 gpd (2650 lpd)
- 70 gallons (265 liters) of capacity Indoor or outdoor installation
- Standard outdoor heights range from 61 inches to 160 inches

The DH071 is the "hardwired," or "wired," model where a cable connects the motor controls to the level controls through watertight penetrations.

The DR071 is the "radio frequency identification" (RFID), or "wireless," model that uses wireless technology to communicate between the level controls and the motor controls.

### **Operational Information**

1 hp, 1,725 rpm, high torque, capacitor start, thermally protected, 120/240V, 60 Hz, 1 phase

Inlet Connections 4-inch inlet grommet standard for DWV pipe. Other inlet configurations available from the factory.

Pump discharge terminates in 1.25-inch NPT female thread. Can easily be

adapted to 1.25-inch PVC pipe or any other material required by local codes.

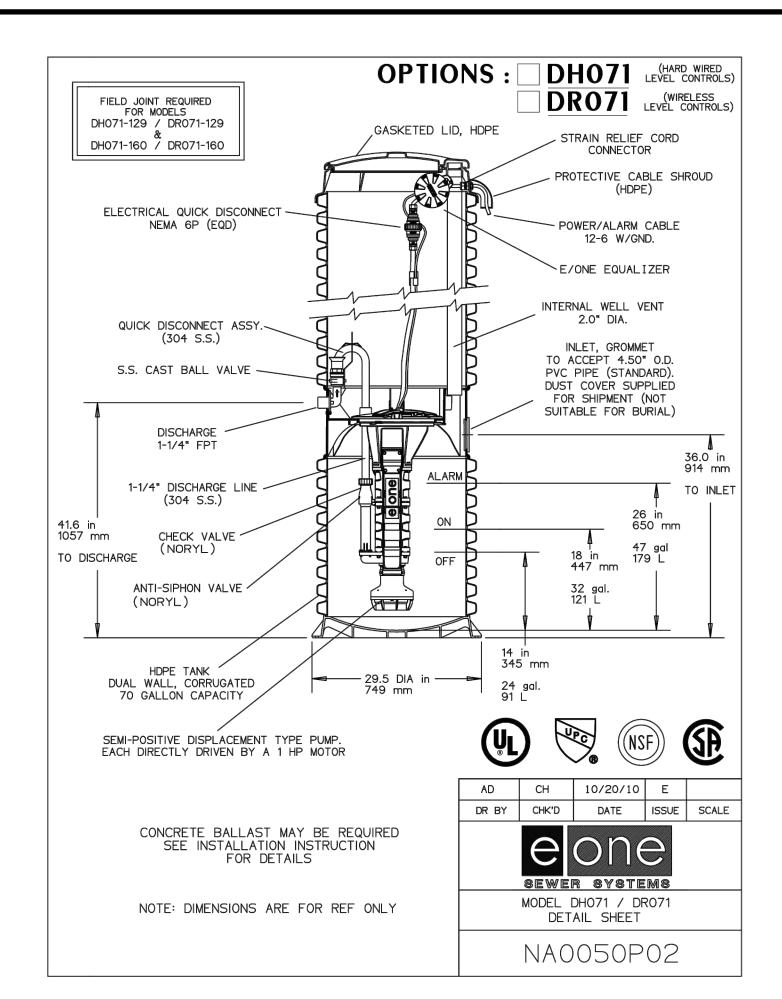
15 gpm at 0 psig (0.95 lps at 0 m) 11 gpm at 40 psig (0.69 lps at 28 m) 7.8 gpm at 80 psig (0.49 lps at 56 m)

### Accessories

E/One requires that the Uni-Lateral, E/One's own stainless steel check valve, be installed between the grinder pump station and the street main for added protection against backflow.

Alarm panels are available with a variety of options, from basic monitoring to advanced notice of service requirements.

The Remote Sentry is ideal for installations where the alarm panel may be hidden from view.



### SANITARY LATERAL NOTES

### **ALL PROJECTS**

- 1. All sanitary sewer construction and/or improvements shall be in accordance with the most recent standards and specifications of the Canandaigua Lake County Sewer District, N.Y.S. Department of Environmental Conservation, N.Y.S. Department of Health, the latest edition of <u>Recommended Standards For Wastewater Facilities</u> and any other agencies having jurisdiction.
- 2. No sanitary sewer-related work may be performed without first obtaining a written permit from the Canandaigua Lake County Sewer District.
- 3. District personnel shall be notified a minimum of 48 hours prior to beginning any sanitary sewer-related work.
- 4. The contractor shall locate, mark and preserve any right of way monuments or survey control in the area of construction.
- 5. Utility locations shown are approximate only. The contractor shall determine exact location of utilities, excavating to expose the utility, if necessary in the area of construction, before commencing construction. Contact U.F.P.O. at 1-800-962-7962 at least 72 hours prior to beginning work.
- 6. Laterals shall be min. 4" dia. SDR-21 with elastomeric joints; for commercial establishments, laterals are to be 6" dia. SDR-21. Minimum depth of burial is four feet. Cleanouts shall be installed within 30 inches of the outside face of buildings, at all changes in horizontal alignment, at the right of way or easement line, and at spacing not to exceed 90 feet.
- 7. Sewer mains and laterals shall be located a minimum horizontal distance of ten feet from any existing or proposed watermain (as measured from the outside of the sewer/lateral to the outside of the watermain). In cases where the main or lateral crosses a watermain, the minimum vertical separation shall be eighteen inches (measured out-to-out). The crossing shall be arranged so that the sewer joints will be equidistant and as far as possible from the watermain joints.
- 8. The contractor shall provide the District with shop drawings and material specifications that have been pre-approved by the design engineer before a permit will be issued.
- 9. The contractor is responsible for compliance with OSHA requirements in all aspects of
- 10. The contractor shall be responsible for maintaining sanitary flows at all times by methods acceptable to the District.
- 11. Floor drains in basements or garages are to be connected to the sanitary sewer. Floor drains do not include foundation or footer drains installed to intercept uncontaminated groundwater. All discharges to the sanitary sewer must comply with effluent limits of the Ontario County Sewer Use Law. Foundation and footer drains shall be constructed in a manner that prohibits groundwater from draining into the sanitary sewer pipe cradle.

- 12. Lateral connections requiring openings in asbestos cement pipe will be designed, inspected and certified by the design engineer or representative thereof.
- 13. Any excavation not backfilled by the end of the workday shall be fenced, barricaded and lighted for safety and protection of the public.
- 14. The contractor shall be responsible for the removal of existing sanitary mains, structures and appurtenances, if any, needed to complete the work.

### RENOVATION PROJECTS ONLY

- 15. Existing laterals to be disconnected must be permanently plugged or capped at the easement or right of way line under the direction of Canandaigua Lake County Sewer District personnel. The location of the plug or cap shall be recorded for as-built drawing purposes.
- 16. Prior to demolishing an existing building, the contractor shall excavate, disconnect and abandon the lateral from the building to the point of disconnection (approximately 30' from the existing building) per District standards. A temporary plug shall be installed in the remaining portion of the existing sanitary lateral until it is tested and televised.
- 17. In order to determine whether an existing sanitary lateral is acceptable for connection to a new building, the lateral shall be televised in the presence of District personnel at the owner's
- 18. If an existing lateral is found to be acceptable and meet the minimum District requirements, it shall be temporarily re-plugged and backfilled with a witness stake in place, until connection to the new building can take place.
- 19. If a new sanitary sewer lateral is required, the existing lateral must be excavated, removed and capped at the easement or right of way line in accordance with District requirements.
- 20. If a new sanitary sewer lateral is required, the connection to the existing sanitary main shall be made per District standards.

WATERMAIN / SEWER CROSSING DETAIL

REQUIREMENTS

A) WATER LINE AND SEWER LINE PIPE

MINIMUM.

LENGTHS TO BE CENTERED AT CROSSING EACH LENGTH OF PIPE TO BE 10 FT.

A) WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING EACH LENGTH OF PIPE TO BE 10 FT.

B) WHEN BOTH WATER LINE AND SEWER

SIDE OF CROSSING.

CROSSING

LINE ARE NEW, SLEEVE SEWER LINE

WITH STEEL CASING FOR 10 FT. EACH

WHEN ONE LINE IS EXISTING, SLEEVE PIPE BEING INSTALLED WITH STEEL CASING FOR 10 FT. EACH SIDE OF

WATER LINE AND SEWER LINE PIPE LENGTHS TO BE CENTERED AT CROSSING EACH LENGTH OF PIPE TO BE 10 FT.

B) SLEEVE SEWER LINE WITH STEEL CASING

FOR 10 FT. EACH SIDE OF CROSSING.

SECTION DETAIL BELOW) FOR WATER LINE AND SEWER LINE FOR 10 FT.

BACKFILL

CAREFULLY TAMPED

STONE

CONCRETE OR

CRUSHER RUN

--1/4 D ,4"

C) PROVIDE CRADLE OF CONCRETE OR CRUSHER RUN STONE (SEE TRENCH

EACH SIDE OF CROSSING.

8 INCHES

SCHEMATIC

(WI)

MORE THAN

18 INCHES

18 INCHES MIN.

18 INCHES MIN.

CONDITION

WATER LINE

ABOVE

SEWER LINE

WATER LINE

ABOVE

SEWER LINE

SEWER LINE

ABOVE

WATER LINE

(WATER LINE)

(SEWER LINE, SANITARY OR STORM)

(OUTSIDE DIAMETER OF PIPE)

N NO CASE SHALL PIPES BE CLOSER THAN 18 INCHES

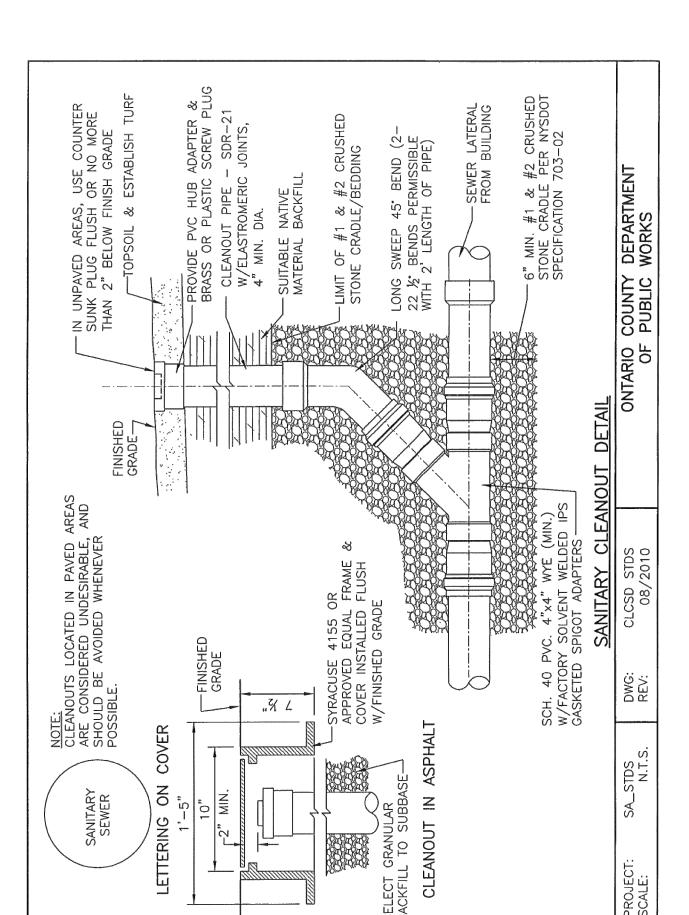
APART. DISTANCES ARE MEASURED BETWEEN OUTSIDES

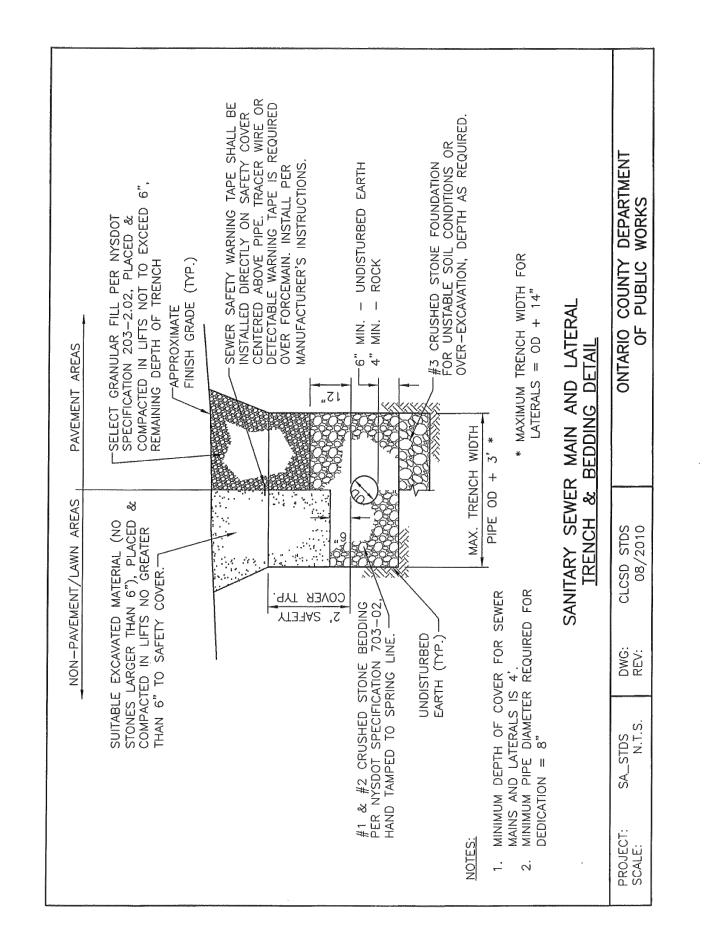
**Marks**Engineering

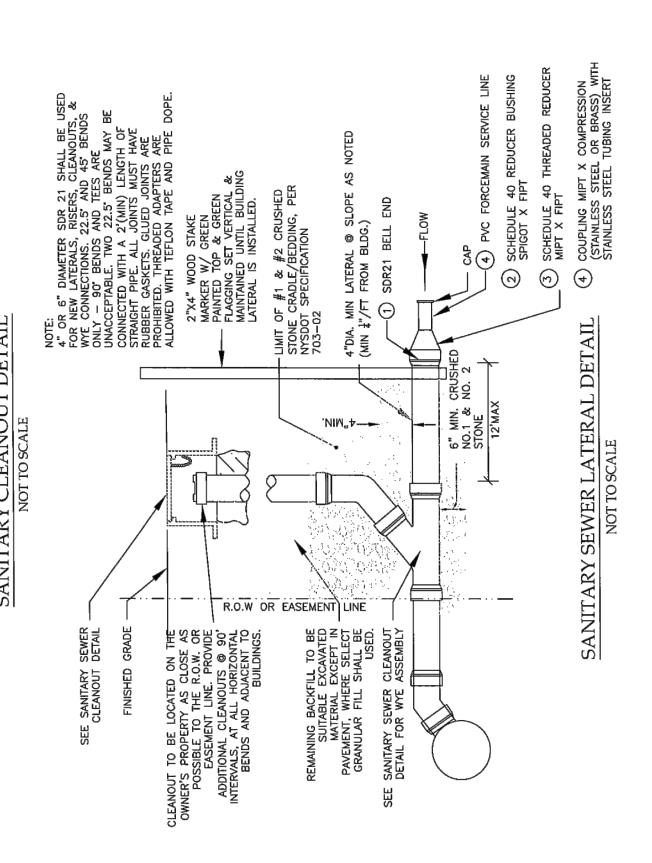
e 585-905-0360 585-485-6205 arksengineering

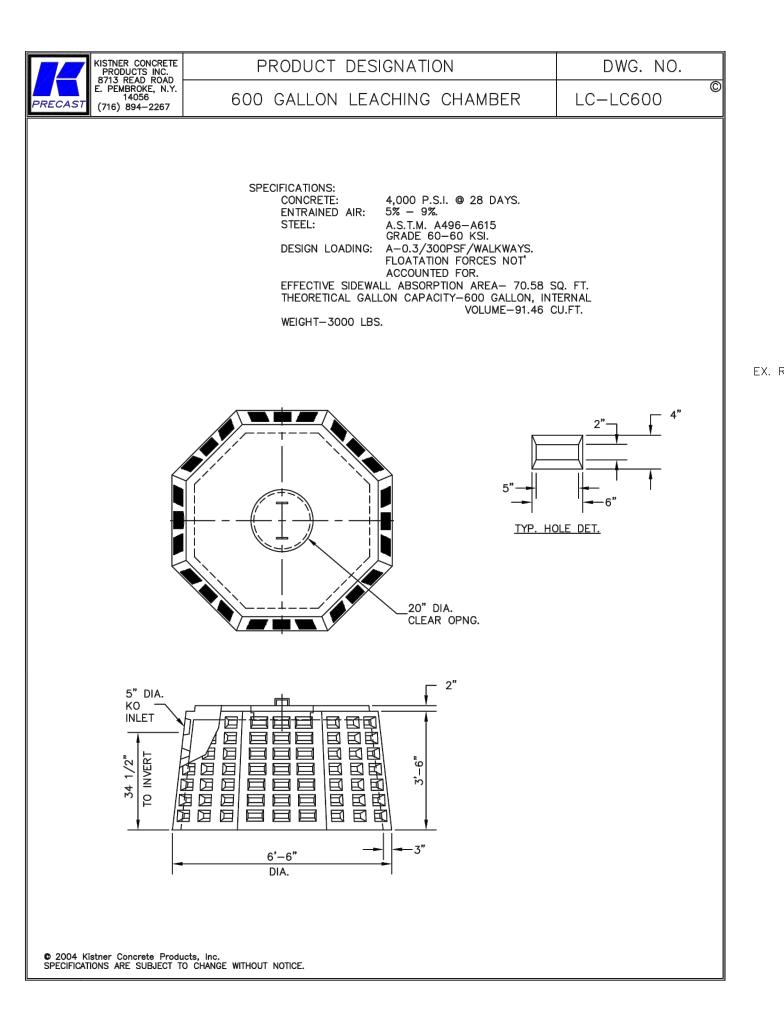
DETAIL PLAN MCF DESIGNED BY: BAM BAM CHECKED BY: AS NOTED SCALE: 20-057 04/08/202

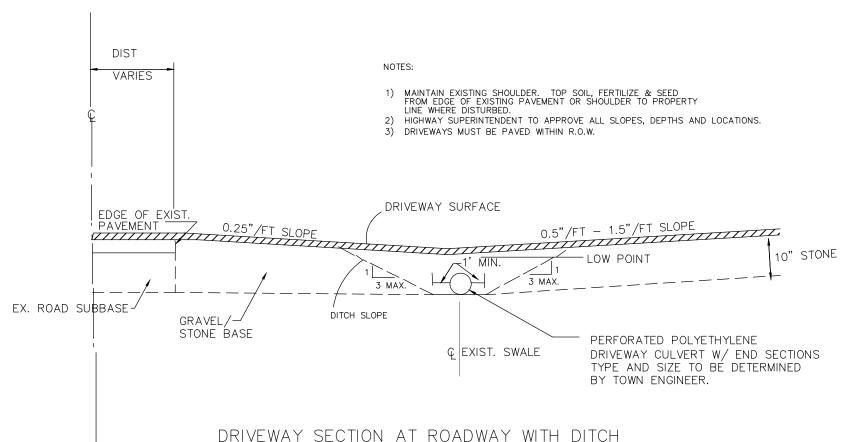
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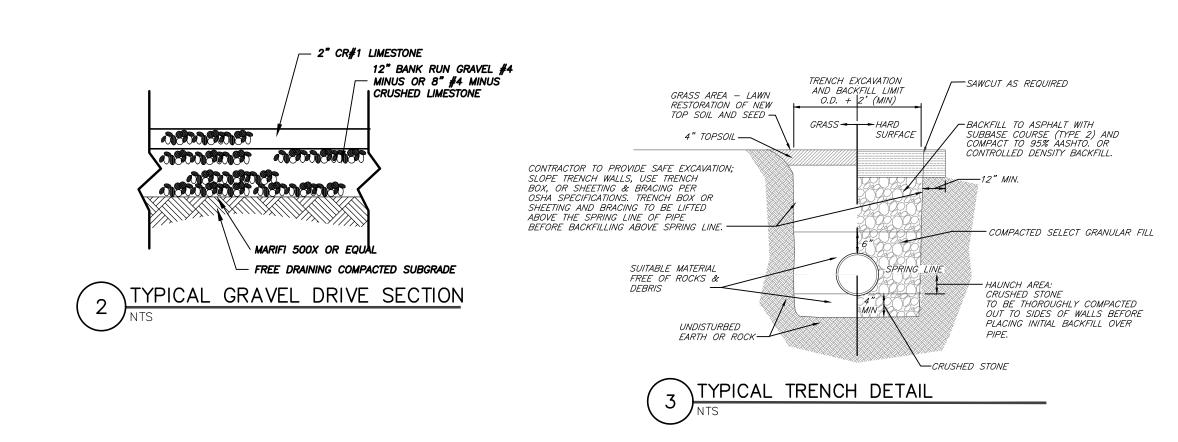




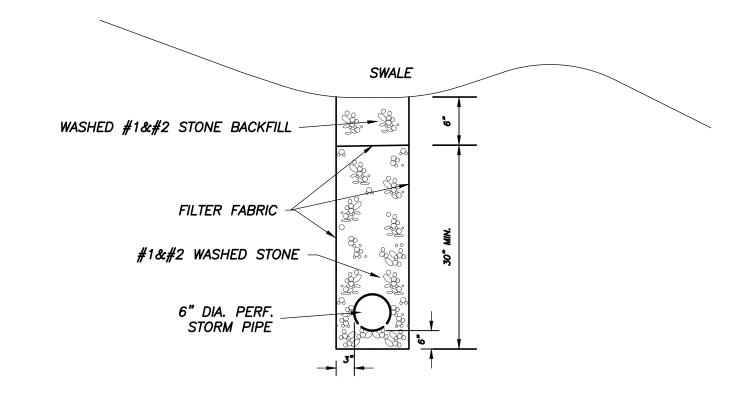




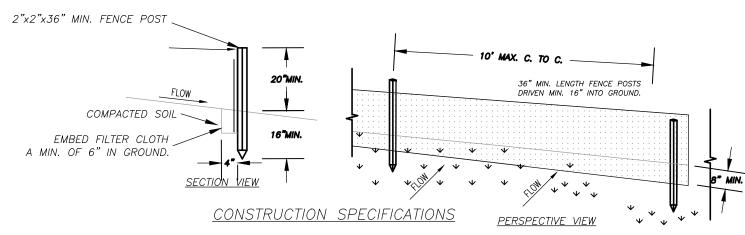




# DRIVEWAY ENTRANCE SECTION



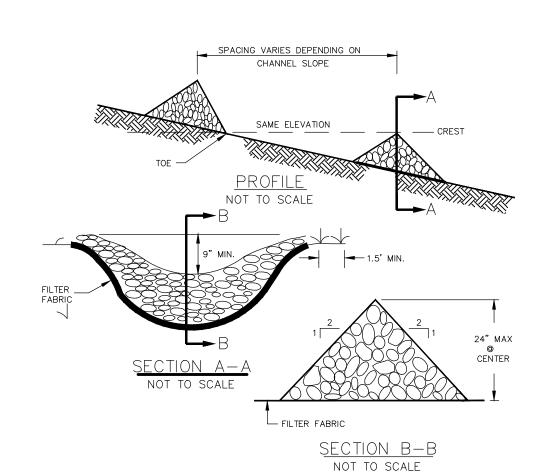
TYPICAL CURTAIN DRAIN DETAIL



- 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- 2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO POSTS WITH STAPLES.
- 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER—LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- 4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIRONMENT, OR APPROVED EQUIVALENT.
- 5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN

"BULGES" DEVELOP IN THE SILT FENCE.

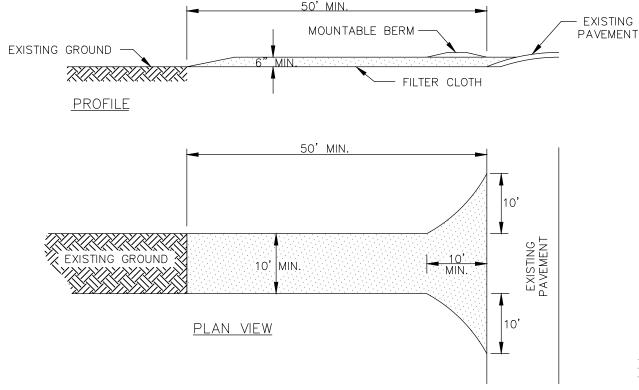
TYPICAL SILT FENCE DETAIL



### CONSTRUCTION SPECIFICATIONS

- 1.) STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES,
- GRADES AND LOCATION SHOWN IN THE PLAN. 2.) SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- 3.) EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- 4.) PROTECT THE CHANNEL DOWMSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- 5.) ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.





# CONSTRUCTION SPECIFICATIONS

STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).

THICKNESS - NOT LESS THAN SIX (6) INCHES. WIDTH - TEN (10) FEET MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.

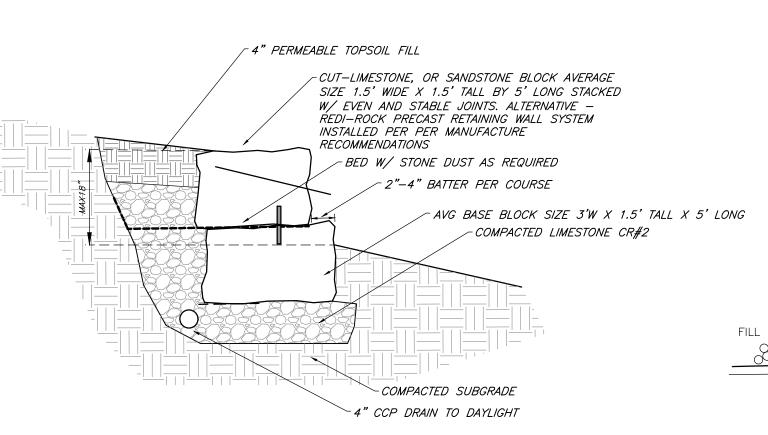
FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IN IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.

MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE 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 RIGHT-OF-WAYS

WASHING — WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT—OF—WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT

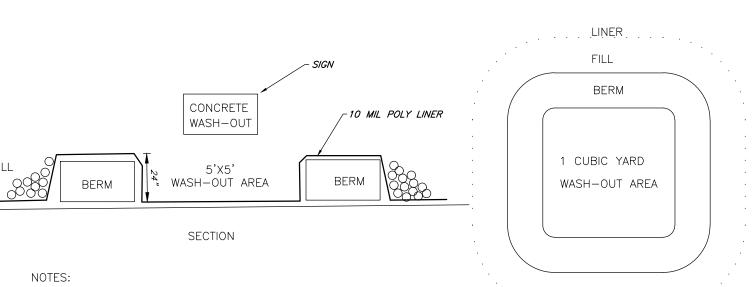
PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.





# SMALL BLOCK RETAINING WALL

- 1. BLOCK SHALL BE INSTALLED SLOPING TOWARD EMBANKMENT AT 1" PER 12"
- 2. BLOCK SHALL REDUCE IN SIZE EACH COARSE. 3. DRILL AND DOWEL BLCK W/ 1/2" REBAR AND GROUT (1) BAR EVERY 24" HORIZONTAL.
- 4. HAND SELECT AND STACK BLOCKS EVEN WITH MINIMAL GAPS AT JOINTS. 5. MINIMUM 12" EMBEDMENT OF FIRST COURSE.



PLAN

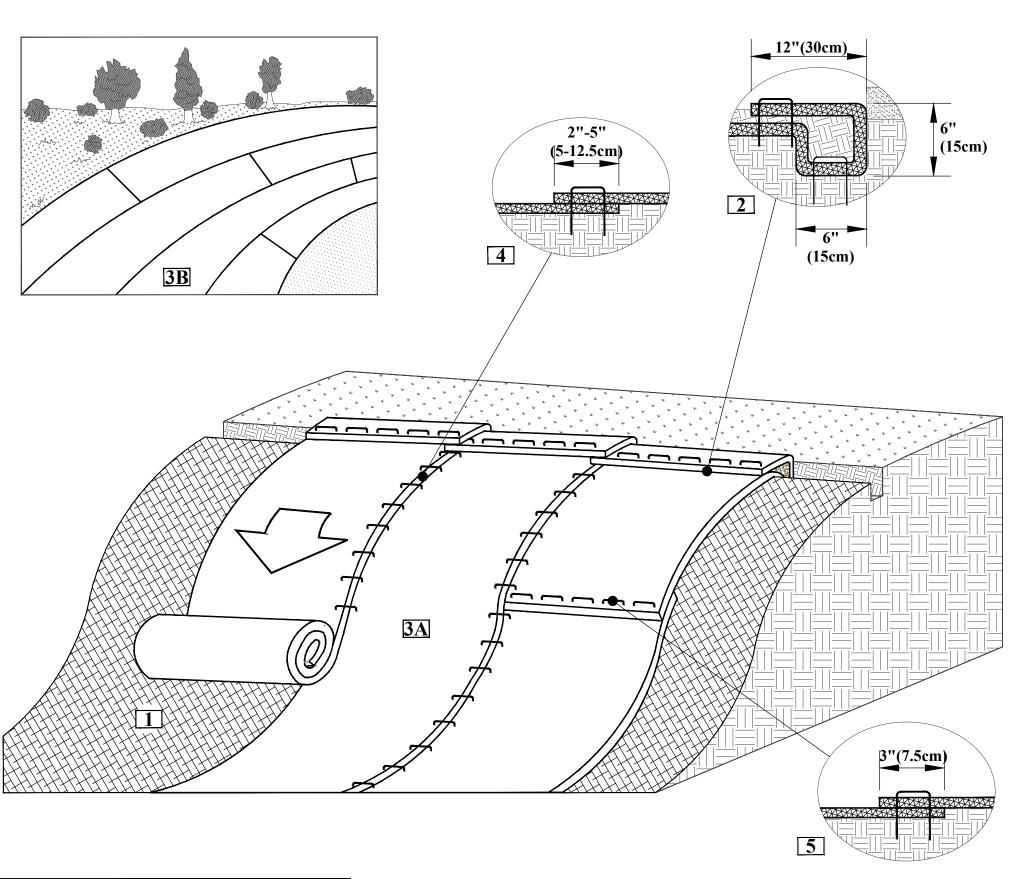
1) INSPECT WASH-OUT DAILY. 2) REMOVE DEBRIS AFTER REACHING 50% CAPACITY



**Marks**Engineering

	ВУ	MCF	MCF		
REVISIONS	DESCRIPTION OF REVISION	PRC	PER TOWN ENG. & PB COMMENTS MCF		
	NO. DATE	1 4.17.20	1 6/4/20		
	NO.	1	1		

RAWING TITLE: DETAIL PLAN	
DRAWN BY:	MCF
DESIGNED BY:	BAM
CHECKED BY:	BAM
SCALE:	AS NOTED
JOB NO.:	20-057
DATE:	04/08/2020
TAX MAP#:	98.09-1-20.1



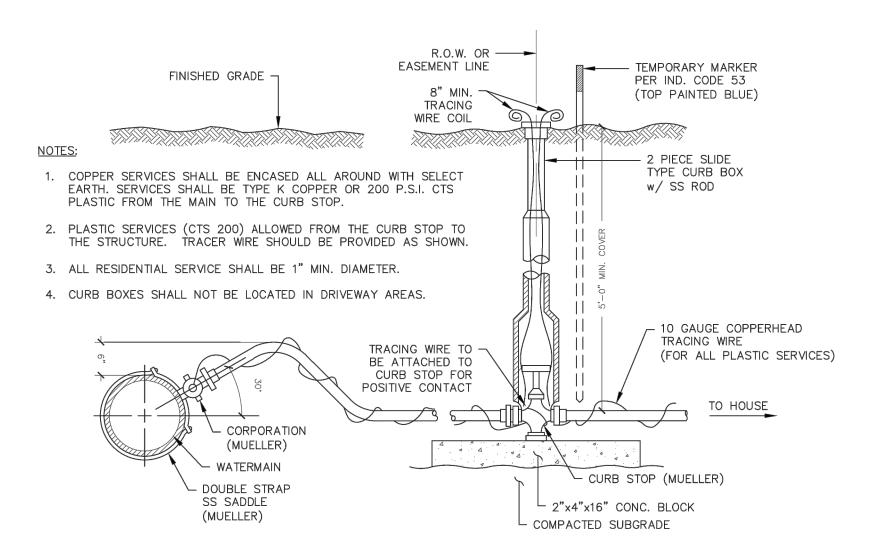


- 1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPS), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECPS IN A 6"(15CM) DEEP X 6"(15CM) WIDE TRENCH WITH APPROXIMATELY 12" (30CM) OF RECPS EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECPS WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO THE COMPACTED SOIL AND FOLD THE REMAINING 12"(30CM) PORTION OF RECPS BACK OVER THE SEED AND COMPACTED SOIL. SECURE RECPS OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12"(30CM)
- APART ACROSS THE WIDTH OF THE RECPS.

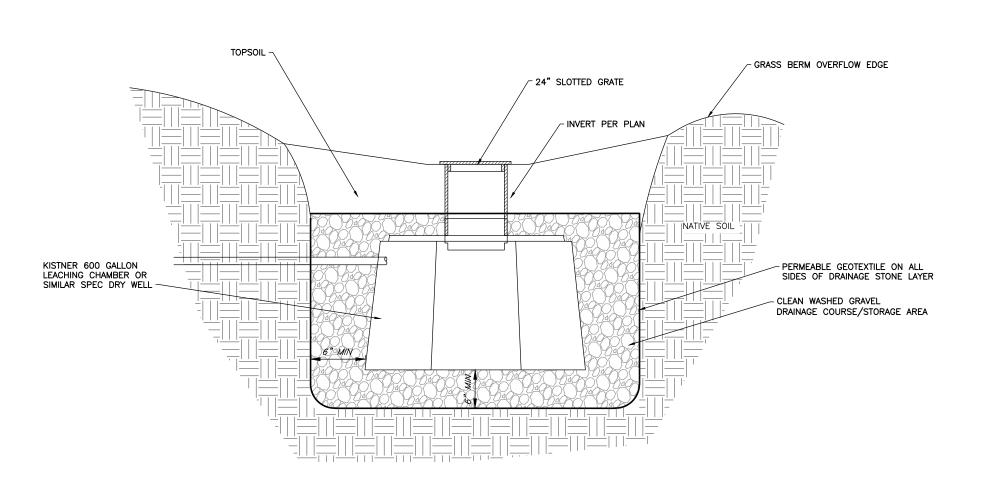
  3. ROLL THE RECPS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. RECPS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECPS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
- 4. THE EDGES OF PARALLEL RECPS MUST BE STAPLED WITH APPROXIMATELY 2" 5" (5-12.5CM) OVERLAP DEPENDING ON THE RECPS TYPE.
- 5. CONSECUTIVE RECPS SPLICED DOWN THE SLOPE MUST BE END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3"(7.5CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12"(30CM) APART ACROSS ENTIRE RECPS WIDTH.

### \*NIOTE

IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6"(15CM) MAY BE
NECESSARY TO PROPERLY SECURE THE RECP'S.



### TYPICAL WATER SERVICE





# NOT FOR CONSTRUCTION

**Marks**Engineering

	N BY	MCF	IMENTS MCF		
REVISIONS	DESCRIPTION OF REVISION	PRC	PER TOWN ENG. & PB COMMENTS MCF		
	NO. DATE	4.17.20	1 6/4/20		
	NO.	1	-		

LAWKENCE A. WEKGES OF WENTER FOX-WERGE NEW RESIDENTIAL SITE PLAN SHOWING I AND IN:

TAIL PLAN	
AWN BY:	MCF
IGNED BY:	ВАМ
CKED BY:	ВАМ
SCALE:	AS NOTED
OB NO.:	20-057
DATE:	04/08/2020
X MAP#:	98.09-1-20.1

C502