

TOWN OF SKANEATELES
COMMON APPLICATION FORM SUPPLEMENT
SKANEATELES WINDING WAY ASSOCIATION, INC

04/10/2023

Description of Proposal

The Winding Way community consists of 59 homes. It is the largest community bordering Skaneateles Lake and was developed in the 1920's to then accepted standards for drainage. The extreme weather events of recent years overwhelm the ability to contain the water resulting in flooding, erosion, debris, and plumes of sediment and nutrients into Skaneateles Lake. Our neighborhood is a significant contributor to the outbreaks of HABs along the northern shore of Skaneateles Lake. We are seeking to comply with the recommendations of the DEC's Skaneateles Lake HAB Action Plan, the City of Syracuse to protect its primary source of drinking water, and the DEC Action Plans of recent years.

The primary goal of this Planning project is to prepare with the DEC the detailed, shovel-ready plan by which appropriate mitigation BMPs can be implemented to significantly reduce the sediment and debris deposited in the Winding Way neighborhood and in Skaneateles Lake as a result of severe weather events. This will be achieved primarily via channel stabilization for the two channels including riprap, check dams, and culverts. Phase 1 of this project was completed in 2022 using \$40,000 in funds contributed by the HOA members. Phase 1 replaced two undersized culverts restricting the excessive flows from the two watercourses that transit the neighborhood. Phase 2 will focus on the rest of those two watercourses, each of which carry water from NYS highway 41A immediately to our west and from our own neighborhood. These jointly attempt to flow to the culverts replaced in Phase 1.

RZ Engineering, PLLC
 1000 RZ ENGINEERING
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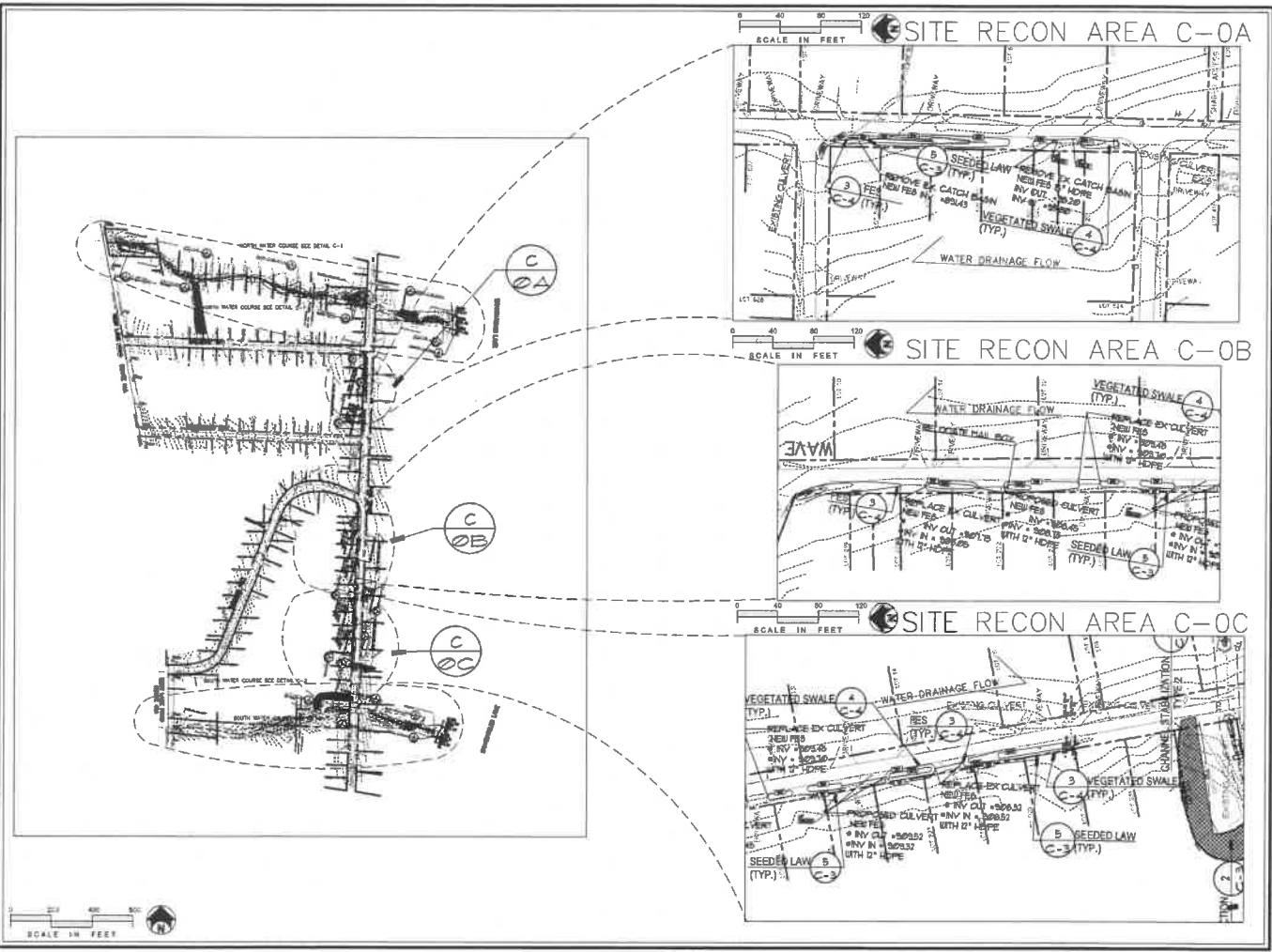
WINDING WAY DRAINAGE
 WINDING WAY
 TOWN OF SKANEATELES
 ONONDAGA COUNTY, NY

REVISIONS

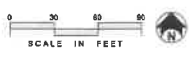
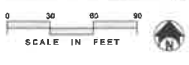
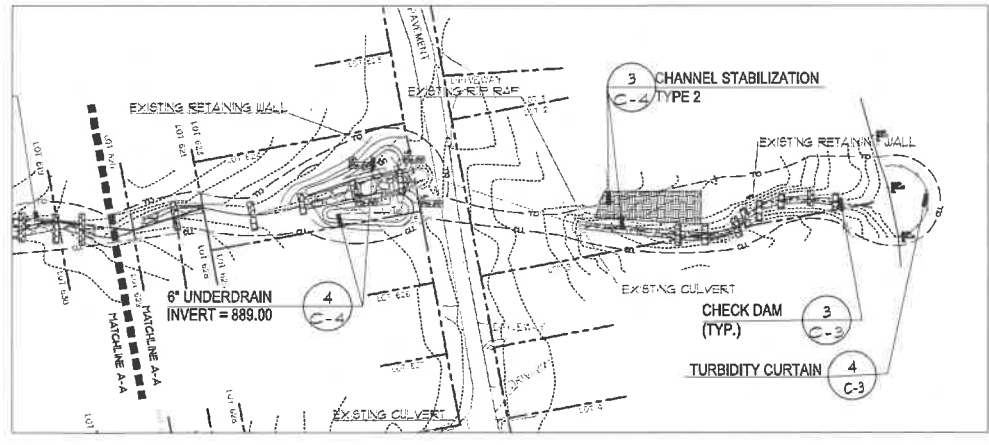
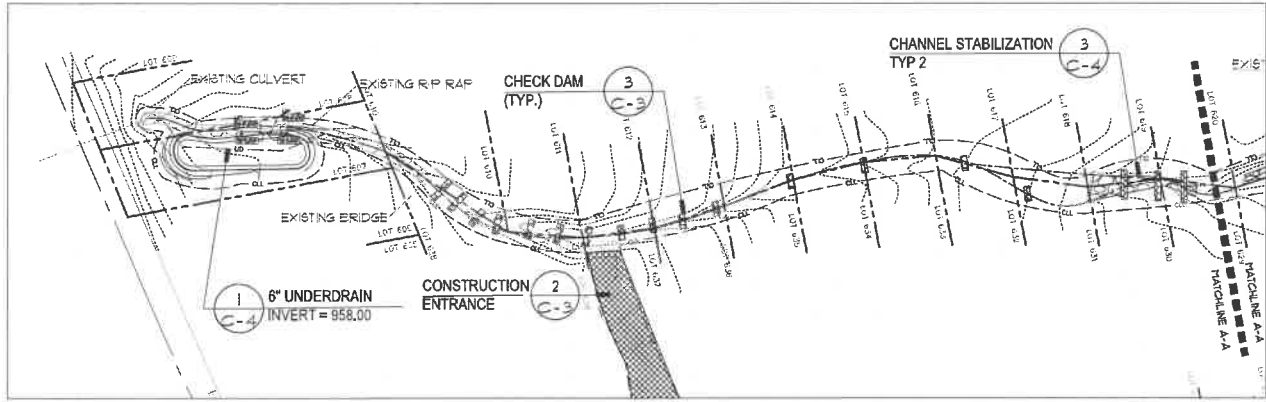
Drawn By	LSKA
Checked By	RLZ
Scale	SOME
Date	08/05/2022
Drawn	AS NOTED

OVERALL SITE PLAN
 & ROAD DRAINAGE

C-0



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WINDING WAY DRAINAGE
 WINDING WAY
 TOWN OF SKANEATELES
 ONONDAGA COUNTY, NY

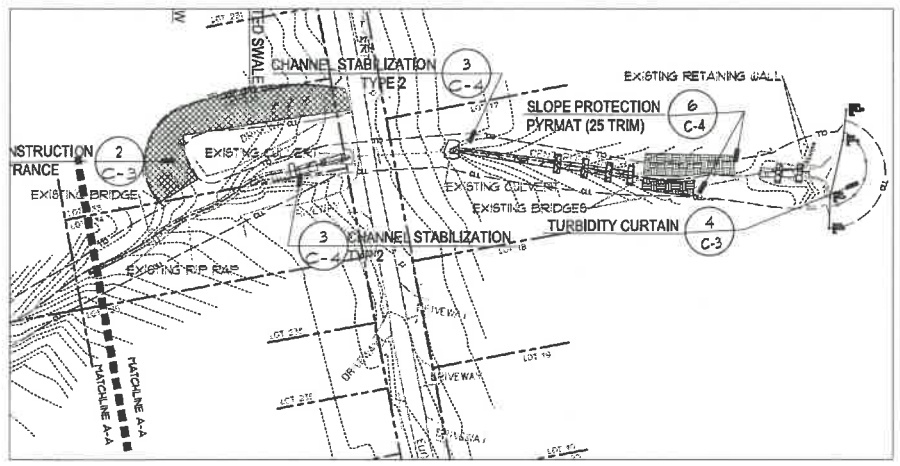
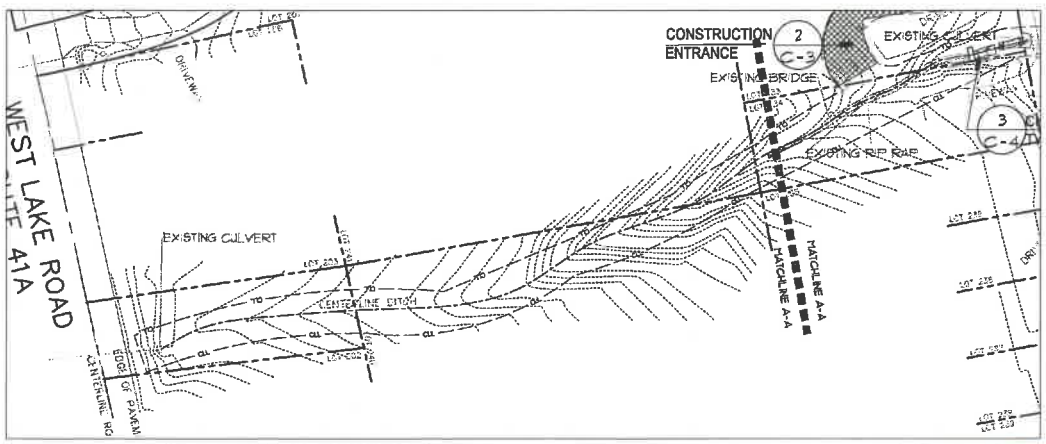


Drawn by: J.M.A.
 Checked by: R.L.T.
 Plot Date: 09/04
 Date: 08/28/2013
 Plot: AS NOTED

NORTH WATER COURSE

SITE PLAN
 C-1

NOT FOR CONSTRUCTION



WINDING WAY DRAINAGE
 WINDING WAY
 TOWN OF SKANEATELES
 ONONDAGA COUNTY, NY

REVISIONS

Drawn By:	J.R.K.
Checked By:	R.L.T.
Plot No.:	30008
Date:	05/05/2021
Scale:	AS NOTED

SOUTH WATER COURSE
 SITE PLAN

C-2

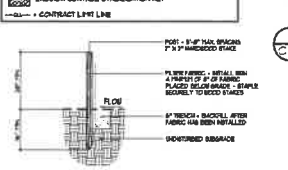
DRAINAGE CHANNEL TABLE

LOCATION	X	Y	Z	RIFRAP
CI-1	8'	PP	2'	NONE
CI-2	4'	2'	2'	RR, CD
CI-3	4'	2'	2'	CD
CI-4	4'	2'	2'	RR
CI-5	4'	2'	2'	CD
CI-6	5'	2'	2'	RR, CD
C4-4	6'	2'	2'	RR
C4-5	5'	2'	2'	RR, FM

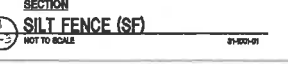
- NOTES:
 1. SLOPE OF SHALE TO BE 1:100 (MINIMUM)
 2. SLOPE OF SHALE TO BE MAINTAINED ESPECIALLY AT TOP AND BOTTOM OF CHANNELS. CHANNELS SHALL BE PROTECTED OR REPAIRED AS NECESSARY.
 3. CHANNELS SHALL BE PROTECTED BY 12" HIGH CONCRETE CURBS OR 12" HIGH BRICK CURBS.
 4. CHANNELS SHALL BE PROTECTED BY 12" HIGH CONCRETE CURBS OR 12" HIGH BRICK CURBS.
 5. CHANNELS SHALL BE PROTECTED BY 12" HIGH CONCRETE CURBS OR 12" HIGH BRICK CURBS.

GRADING & DRAINAGE NOTES

- WHENEVER EXISTING DRAINAGE INTERFERES WITH ROAD, PROTECT OR REMOVE AND REPLACE AS NECESSARY.
- CONTRACTOR TO ADD 4" OF TOPSOIL, MINIMUM PLUS GENERAL FILL TO FILL BANDS UNLESS CONTRACTOR TO ADD 4" TOPSOIL, PROTECT TO EXISTING CHANNELS. CHANNELS TO BE USED IN AREAS ABOVE PROPOSED FILL AND GENERAL FILL IN AREAS BELOW PROPOSED FILL. FILL TO BE COMPACTED TO 95% PROCTOR DENSITY.
- CONTRACTOR TO COORDINATE LOCATION OF DESIRED ACCESS POINTS WITH GENERAL FILL.
- CONTRACTOR TO COORDINATE WITH OBSERVATION ON PROPOSED PROJECT SCHEDULE AND PHASES.



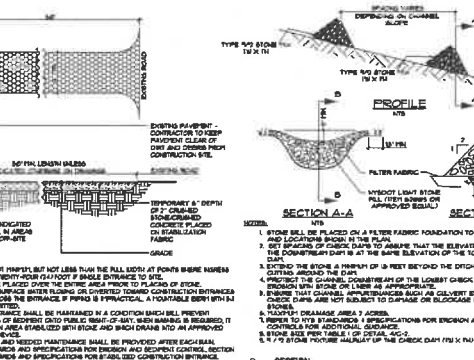
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GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS LOCATIONS AND PROVIDED BY PLAN. ALL DIMENSIONS SHALL BE TO CENTER UNLESS OTHERWISE NOTED.
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CONSTRUCTION ENTRANCE (MUDRACK)



ROCK CHECK DAM



HYDRO-SEEDED LAWN SLOPES



PIPE BEDDING

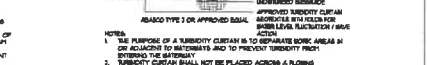


EROSION CONTROL NOTES

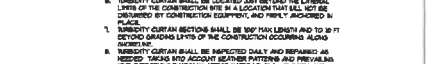
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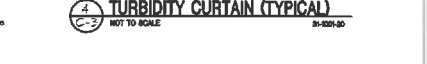
TURBIDITY CURTAIN (TYPICAL)



SEEDED LAWN



SILT FENCE (SF)



PIPE BEDDING



CONSTRUCTION ENTRANCE (MUDRACK)



TURBIDITY CURTAIN (TYPICAL)



SEEDED LAWN



SILT FENCE (SF)



HYDRO-SEEDED LAWN SLOPES



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 FAX: (601) 935-1101

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WINDING WAY DRAINAGE
 TOWN OF SKANEATELES
 ONONDAGA COUNTY, NY

REVISIONS

NO.	DATE	DESCRIPTION
1	1/15/10	ISSUED FOR PERMITS
2	1/15/10	ISSUED FOR PERMITS
3	1/15/10	ISSUED FOR PERMITS
4	1/15/10	ISSUED FOR PERMITS
5	1/15/10	ISSUED FOR PERMITS
6	1/15/10	ISSUED FOR PERMITS
7	1/15/10	ISSUED FOR PERMITS
8	1/15/10	ISSUED FOR PERMITS
9	1/15/10	ISSUED FOR PERMITS
10	1/15/10	ISSUED FOR PERMITS

EROSION & DRAINAGE
 SITE PLAN

C-3

NOT FOR CONSTRUCTION

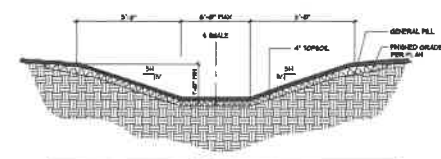
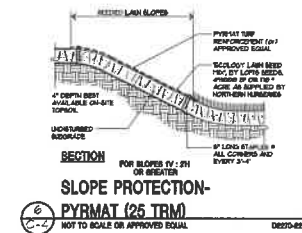
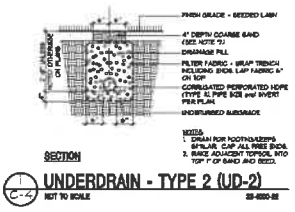


TABLE 5.0

MIXTURES	RATE PER ACRE/INCH	RATE PER 1000 SF 8.00
A. PERENNIAL RYEGRASS	30	0.30
TALL FESCUE OR SMOOTH BROME GRASS	20	0.20
OR		
B. KENTUCKY BLUEGRASS	25	0.25
CREEPING RED FENCUE	20	0.20
PERENNIAL RYEGRASS	10	0.10

NOTES:
 1. VERIFY RECOMMENDED RATES PER TABLE 5.0 BEFORE EACH PROJECT. THE HYDROLOGIST SHALL
 2. RECALL OR CALL TO PROVIDE RECOMMENDED RATES PER TABLE 5.0.
 3. YOU ARE RESPONSIBLE DURING THE GROWING SEASON TO MAINTAIN GRASS HEIGHTS AT 4 - 6 INCHES.

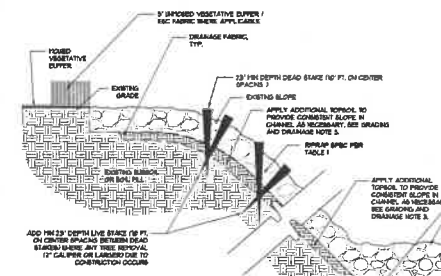
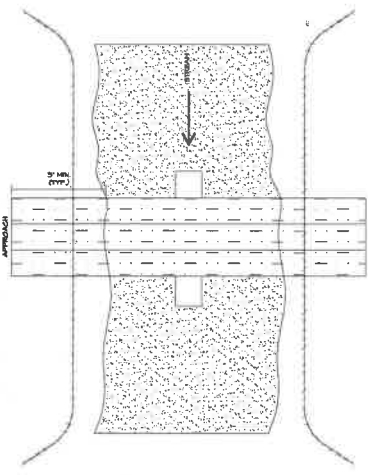
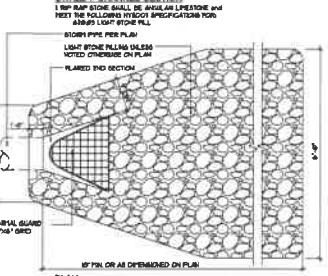
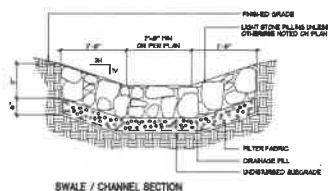


TABLE 1

SOIL	SEPPAC CLASSIFICATION
A	ANGULAR LIFESTONE, HYDROLYZED LIGHT STONE FILL
B	ANGULAR LIFESTONE, HYDROLYZED MEDIUM STONE FILL
C	ANGULAR LIFESTONE, HYDROLYZED LIGHT STONE FILL
D	ANGULAR LIFESTONE, HYDROLYZED LIGHT STONE FILL

WINDING WAY DRAINAGE
 WINDING WAY
 TOWN OF SKANEATELES
 ONONDAGA COUNTY, NY

REVISIONS

NO.	DATE	DESCRIPTION

EROSION & DRAINAGE
 SITE PLAN

C-4

