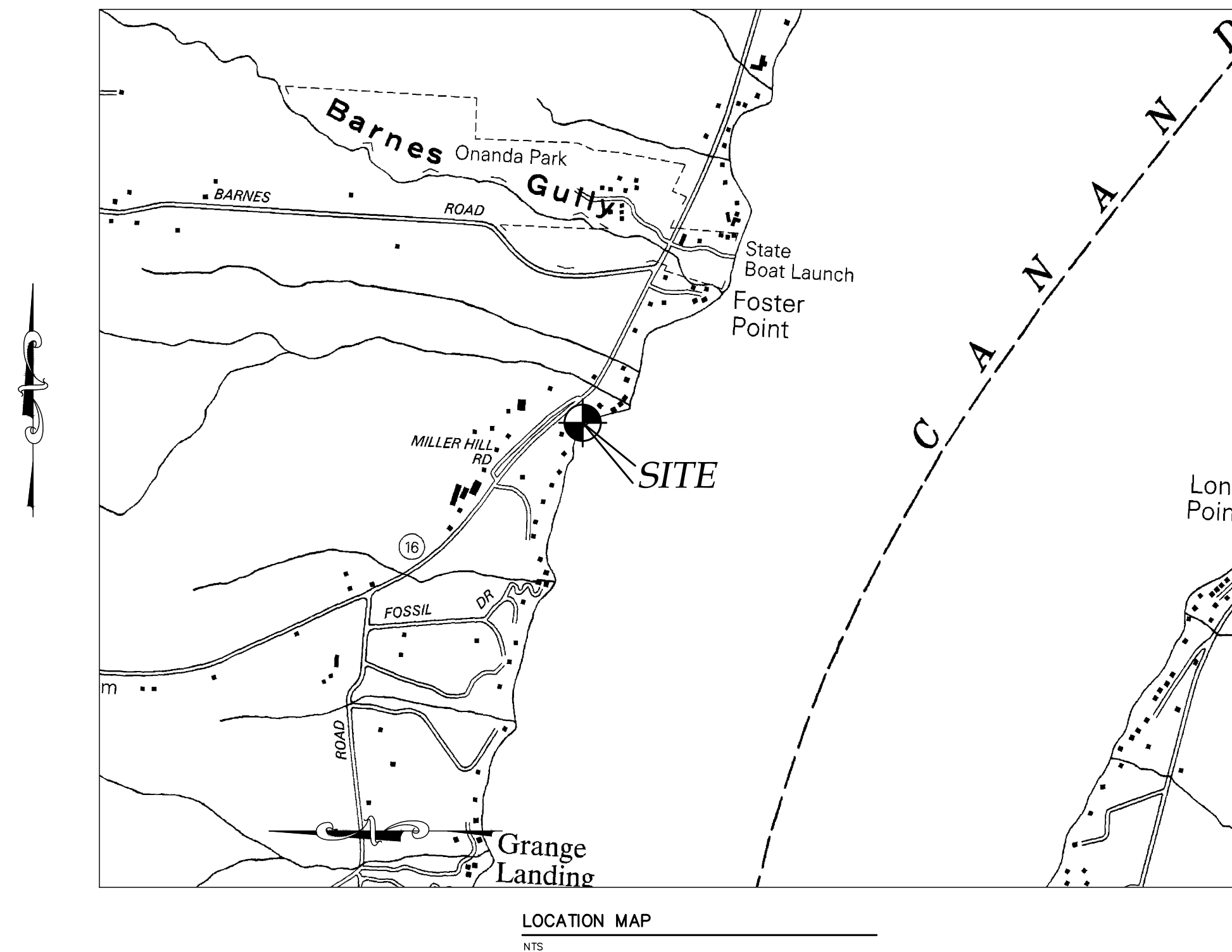


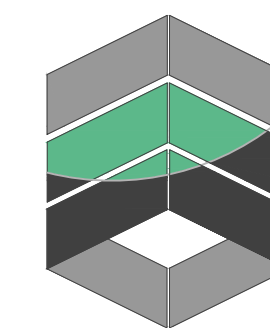
LOT LINE ADJUSTMENT & SITE PLANS FOR:

WALTER TUREK
SITE PLAN
COUNTY ROAD 16
TOWN OF CANANDAIGUA
COUNTY OF ONTARIO
STATE OF NEW YORK
JANUARY 1, 2023



NOT FOR CONSTRUCTION

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L100 - LANDSCAPE PLAN
C103 - SEPTIC DETAILS
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MarksEngineering

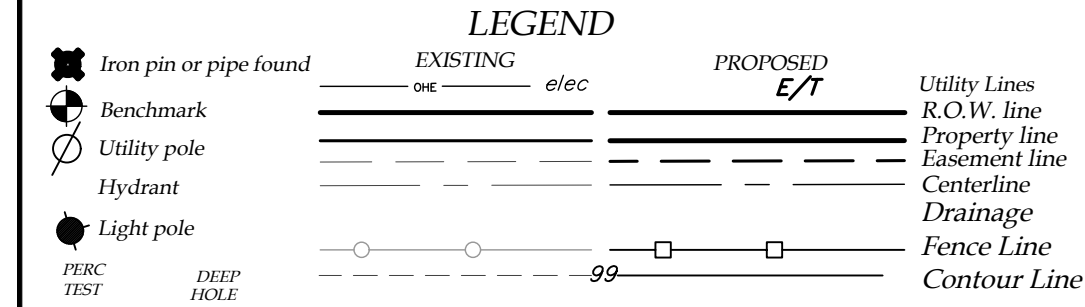
MARKS ENGINEERING, P.C.
42 BEEMAN STREET
CANANDAIGUA, NY 14424
(585)905-0360
WWW.MARKSENGINEERING.COM

PROPERTY OWNER:
WALTER TUREK

PREPARED FOR:
OWNER

REVISIONS:

WALTER TUREK
COUNTY RD 16
TOWN OF CANANDAIGUA
COUNTY OF ONTARIO
NEW YORK
JOB #21-267
1/1/2023

[illegible]

DRAWING TITLE:	
LOT LINE ADJUSTMENT	
DRAWN BY:	LGR
DESIGNED BY:	LGR
CHECKED BY:	BAM
SCALE:	AS SHOWN
JOB NO.:	21-267
DATE:	03/01/2021
TAX MAP#:	154.09-8.1, 9.0,10.0, 11.0

PLAT

GENERAL NOTES:

1. ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOS RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF CANANDAIGUA AND APPROPRIATE ONTARIO COUNTY AND NEW YORK STATE AGENCIES, UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES AND PROPERTY MARKERS. IT IS NYS LAW TO CALL NYS DIG SAFE FOR UFPO (811) PRIOR TO EXCAVATION.
3. ROADWAY SHALL BE KEPT FREE OF DEBRIS.
4. 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 CLIENT.
5. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY CONTROL DEVICES. SUCH DEVICES (BARRICADES, FENCING, ETC.) SHALL BE IMPLEMENTED TO MINIMIZE RISK OF INJURY TO PEDESTRIANS AND WORKERS. CONSTRUCTION ACTIVITY SHALL BE CONDUCTED WITHIN COMPLIANCE WITH OSHA GUIDELINES.
6. PLANS ARE GRAPHIC REPRESENTATIONS OF WORK TO BE PERFORMED. THESE PLANS ARE TO INTENDED TO CONVEY ENGINEERING INFORMATION ONLY.
7. CONTRACTOR TO VERIFY ALL PROPERTY LINES, LOCATIONS, GRADES AND INVERTS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO THE START OF WORK.
8. ALL SPECIFIED MATERIALS ARE TO BE INSTALLED AS PER MANUFACTURES RECOMMENDATIONS OR INDUSTRY STANDARD.
9. CONSTRUCTION OF THE SEWAGE DISPOSAL SYSTEM SHALL BE INSPECTED AND CERTIFIED BY THE DESIGN ENGINEER.
10. GARBAGE GRINDERS, SPA TUBS, SURROUND SHOWERS, WATER SOFTENER DISCHARGE OR ANY OTHER HIGH WATER USING FIXTURES ARE NOT TO BE CONNECTED INTO THE SYSTEM.
11. 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 CLIENT.
12. ALL CONSTRUCTION SHALL COMPLY WITH CURRENT NYS AND LOCAL BUILDING CODES AS WELL AS NATIONAL ELECTRIC CODE.

SITE NOTES:

1. TOTAL PROJECT AREA:
LOT # 5051 (EXISTING PARCELS A & B) = 1.34 AC
LOT # 5055 (EXISTING PARCEL D) = 1.42 AC
LOT # 5057 (EXISTING PARCEL C) = 0.44 AC
TOTAL SITE AREA = 3.2 AC
2. EXISTING ZONING: RESIDENTIAL LAKE DISTRICT (RLD)
3. PROPOSED USE: SINGLE FAMILY RESIDENCE
4. APPLICABLE DEVELOPMENT STANDARDS ARE AS FOLLOWS:

MINIMUM LOT STANDARDS; LOT # 5051 = 1.34 AC

	REQUIRED	PROPOSED
MINIMUM LOT WIDTH	125 FEET	>125 FEET
MAXIMUM PRINCIPAL BUILDING HEIGHT	25 FEET	<25 FEET
MAXIMUM BUILDING COVERAGE	15%	10%
MAXIMUM LOT COVERAGE	22.5%*	10%
SETBACKS (PRINCIPAL BUILDING):		
FRONT	60 FEET	124.2'
REAR	60 FEET	8.5'
SIDE	12 FEET	45.1'

SETBACKS (ACCESSORY BUILDING):		
FRONT	60 FEET	60.5'
REAR	10 FEET	>10'
SIDE	10 FEET	>10'

* PER TOWN CODE SECTION 220-8.E(5) LOT COVERAGE REDUCED TO 90% OF ALLOWED LOT COVERAGE

MINIMUM LOT STANDARDS; LOT # 5055 = 1.42 AC

	REQUIRED	PROPOSED
MINIMUM LOT WIDTH	125 FEET	>125 FEET
MAXIMUM PRINCIPAL BUILDING HEIGHT	25 FEET	<25 FEET
MAXIMUM BUILDING COVERAGE	15%	0%
MAXIMUM LOT COVERAGE	22.5%*	0%
SETBACKS (PRINCIPAL BUILDING):		
FRONT	60 FEET	>60'
REAR	60 FEET	>60'
SIDE	12 FEET	>12'

SETBACKS (ACCESSORY BUILDING):		
FRONT	60 FEET	>60'
REAR	10 FEET	>10'
SIDE	10 FEET	>10'

* PER TOWN CODE SECTION 220-8.E(5) LOT COVERAGE REDUCED TO 90% OF ALLOWED LOT COVERAGE

MINIMUM LOT STANDARDS; LOT # 5057 = 0.44 AC

	REQUIRED	EXISTING
MINIMUM LOT WIDTH	125 FEET	>125 FEET
MAXIMUM PRINCIPAL BUILDING HEIGHT	25 FEET	<25 FEET
MAXIMUM BUILDING COVERAGE	13%	13%
MAXIMUM LOT COVERAGE	27%*	13%

SETBACKS (PRINCIPAL BUILDING):		
FRONT	55 FEET	42'
REAR	30 FEET	40.6'
SIDE	10 FEET	25.2'

* PER TOWN CODE SECTION 220-8.E(5) LOT COVERAGE REDUCED TO 90% OF ALLOWED LOT COVERAGE

5. WATER SUPPLY: PUBLIC WATER

6. ALL IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE MOST RECENT STANDARDS AND SPECIFICATIONS OF THE TOWN OF CANANDAIGUA AND THE APPROPRIATE ONTARIO COUNTY AND NEW YORK STATE AGENCIES, UNLESS OTHERWISE NOTED.

7. THE CONTRACTOR SHALL MAINTAIN ALL UTILITIES AND PROPERTY MARKERS. IT IS THE NYS LAW TO CALL NYS DIG SAFE FOR UFPO (811) PRIOR TO EXCAVATION.

8. THE ROADWAY SHALL BE KEPT FREE OF DEBRIS.

9. CONTRACTOR TO VERIFY ALL LOCATIONS, GRADES AND INVERTS AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO THE START OF WORK.

10. 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 CLIENT.

11. CONSTRUCTION OF THE SEWAGE DISPOSAL SYSTEM SHALL BE INSPECTED AND CERTIFIED BY THE DESIGN ENGINEER.

12. SEED AND MAINTAIN LEACH AREA AS LAWN.

13. GARBAGE GRINDERS, SPA TUBS, SURROUND SHOWERS, WATER SOFTENER DISCHARGE OR ANY OTHER HIGH WATER USING FIXTURES ARE NOT TO BE CONNECTED INTO THE SYSTEM.

14. SEPTIC FILL TO BE INSTALLED IN 6" LIFTS.

15. ALL EXTERIOR LIGHTING SHALL COMPLY WITH SECTION 220-77 OF THE TOWN OF CANANDAIGUA TOWN CODE.

LEGEND

Iron pin or pipe found	EXISTING	NEW	Utility Lines
Benchmark	ONE	E/T	R.O.W. line
Utility pole			Property line
Hydrant			Easement line
Light pole			Centerline
PERC TEST			Drainage
DEEP HOLE			Fence Line
			Contour Line

SEE PLAT MAP FOR
PROPOSED EASEMENTS

SEE SHEET C103 FOR
SEPTIC DESIGN

SPECIFICATION LEGEND:

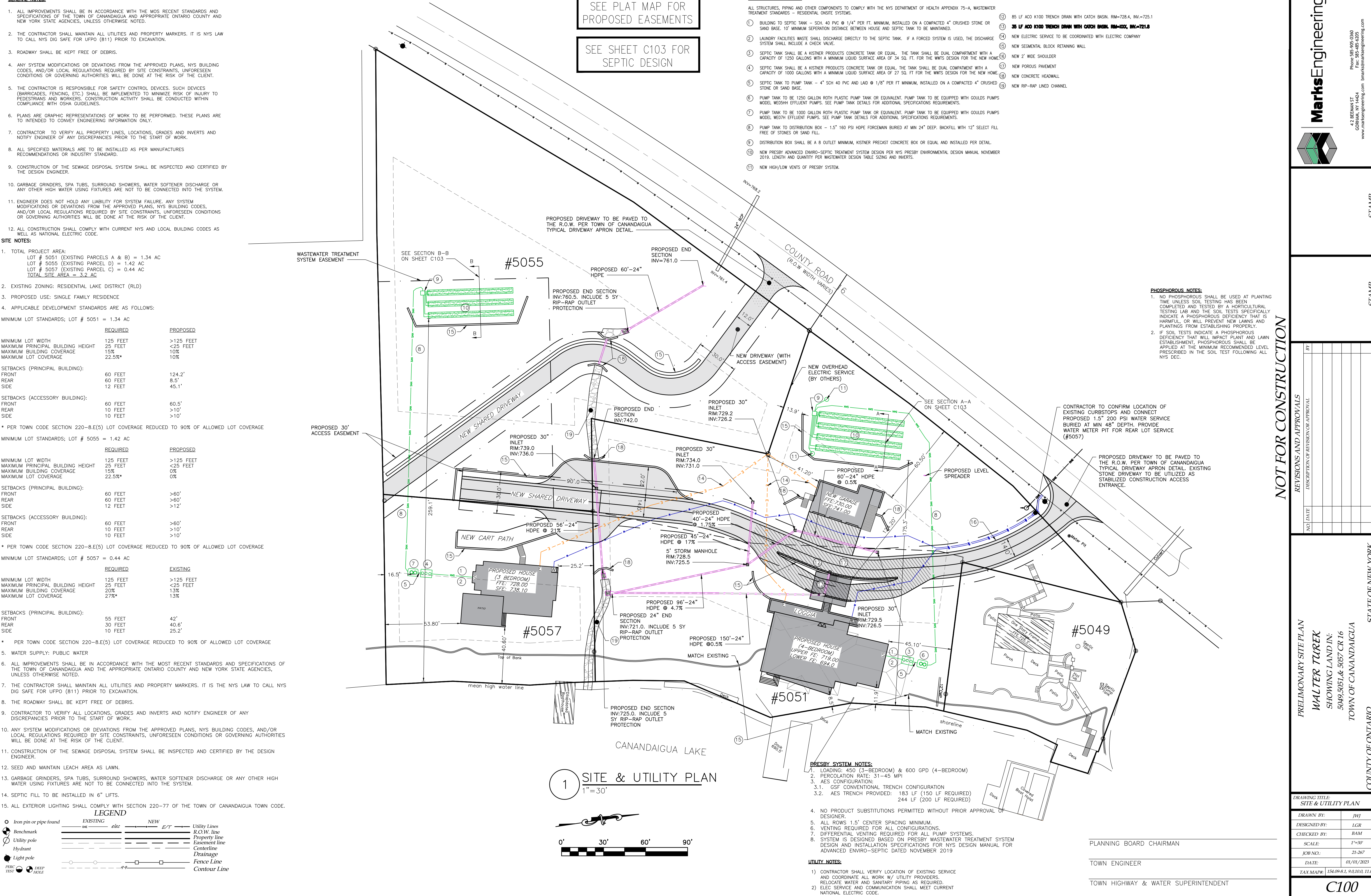
ALL STRUCTURES, PIPING AND OTHER COMPONENTS TO COMPLY WITH THE NYS DEPARTMENT OF HEALTH APPENDIX 75-A, WASTEWATER TREATMENT STANDARDS - RESIDENTIAL ONSITE SYSTEMS.

1. BUILDING TO SEPTIC TANK - SCH. 40 PVC @ 1/4" PER FT. MINIMUM, INSTALLED ON A COMPACTED 4" CRUSHED STONE OR SAND BASE. 10' MINIMUM SEPERATION DISTANCE BETWEEN HOUSE AND SEPTIC TANK TO BE MAINTAINED.
2. LAUNDRY FACILITIES WASTE SHALL DISCHARGE DIRECTLY TO THE SEPTIC TANK. IF A FORCED SYSTEM IS USED, THE DISCHARGE SYSTEM SHALL INCLUDE A CHECK VALVE.
3. SEPTIC TANK SHALL BE A KISTNER PRODUCTS CONCRETE TANK OR EQUAL. THE TANK SHALL BE DUAL COMPARTMENT WITH A CAPACITY OF 1250 GALLONS WITH A MINIMUM LIQUID SURFACE AREA OF 34 SQ. FT. FOR THE WWTS DESIGN FOR THE NEW HOME.
4. SEPTIC TANK SHALL BE A KISTNER PRODUCTS CONCRETE TANK OR EQUAL. THE TANK SHALL BE DUAL COMPARTMENT WITH A CAPACITY OF 1000 GALLONS WITH A MINIMUM LIQUID SURFACE AREA OF 27 SQ. FT. FOR THE WWTS DESIGN FOR THE NEW HOME.
5. SEPTIC TANK TO PUMP TANK - 4" SCH 40 PVC AND LAID @ 1/8" PER FT MINIMUM, INSTALLED ON A COMPACTED 4" CRUSHED STONE OR SAND BASE.
6. PUMP TANK TO BE 1250 GALLON ROTH PLASTIC PUMP TANK OR EQUIVALENT. PUMP TANK TO BE EQUIPPED WITH GOULDS PUMPS MODEL WE05HH EFFLUENT PUMPS. SEE PUMP TANK DETAILS FOR ADDITIONAL SPECIFICATIONS REQUIREMENTS.
7. PUMP TANK TO BE 1000 GALLON ROTH PLASTIC PUMP TANK OR EQUIVALENT. PUMP TANK TO BE EQUIPPED WITH GOULDS PUMPS MODEL WE07H EFFLUENT PUMPS. SEE PUMP TANK DETAILS FOR ADDITIONAL SPECIFICATIONS REQUIREMENTS.
8. PUMP TANK TO DISTRIBUTION BOX - 1.5" 160 PSI HDPE FORCEMAIN BURIED AT MIN 24" DEEP. BACKFILL WITH 12" SELECT FILL FREE OF STONES OR SAND FILL.
9. DISTRIBUTION BOX SHALL BE A 8 OUTLET MINIMUM, KISTNER PRECAST CONCRETE BOX OR EQUAL AND INSTALLED PER DETAIL.
10. NEW PRESBY ADVANCED ENVIRO-SEPTIC TREATMENT SYSTEM DESIGN PER NYS PRESBY ENVIRONMENTAL DESIGN MANUAL NOVEMBER 2019. LENGTH AND QUANTITY PER WASTEWATER DESIGN TABLE SIZING AND INVERTS.
11. NEW HIGH/LOW VENTS OF PRESBY SYSTEM.

12. 85 LF ACO K100 TRENCH DRAIN WITH CATCH BASIN, RIM=728.4, INV.=725.1
13. 35 LF ACO K100 TRENCH DRAIN WITH CATCH BASIN, RIM=728.4, INV.=721.8
14. NEW ELECTRIC SERVICE TO BE COORDINATED WITH ELECTRIC COMPANY
15. NEW SEGMENTAL BLOCK RETAINING WALL
16. NEW 2' WIDE SHOULDER
17. NEW POROUS PAVEMENT
18. NEW CONCRETE HEADWALL
19. NEW RIP-RAP LINED CHANNEL

PHOSPHOROUS NOTES:

1. NO PHOSPHOROUS SHALL BE USED AT PLANTING TIME UNLESS SOIL 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 PRESCRIBED IN THE SOIL TEST FOLLOWING ALL NYS DEC.



NOT FOR CONSTRUCTION

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marks@marksengineering.com

MarksEngineering

STAMP

STAMP

REVISIONS AND APPROVALS

NO.	DATE	DESCRIPTION OF REVISION OR APPROVAL	BY

PRELIMINARY SITE PLAN

WALTER TUREK

SHOWING LAND IN:
5049, 5051, & 5057 CR 16

TOWN OF CANANDAIGUA

STATE OF NEW YORK

COUNTY OF ONTARIO

DRAWING TITLE:
SITE & UTILITY PLAN

DRAWN BY:	JWJ
DESIGNED BY:	LGR
CHECKED BY:	BAM
SCALE:	1"=30'
JOB NO.:	21-267
DATE:	01/01/2023
TAX MAP#:	154.09-8.1, 9.0, 10.0, 11.0

C100

PLANNING BOARD CHAIRMAN

TOWN ENGINEER

TOWN HIGHWAY & WATER SUPERINTENDENT

CONSTRUCTION EROSION CONTROL NOTES:

1. THE CONSTRUCTION ACTIVITIES FOR THIS PROJECT REQUIRE THE PREPARATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) THAT ONLY INCLUDES EROSION & SEDIMENT CONTROLS. THIS SWPPP CONSISTS OF THE PROJECT PLANS, INCLUDING THE GRADING, CONSTRUCTION EROSION CONTROL PLAN AND DETAIL SHEET, AND THE TOWN OF CANANDAIGUA DESIGN AND CONSTRUCTION SPECIFICATIONS REGARDING STORMWATER CONTROL. THE PLANS FOR THIS PROJECT ARE INTENDED TO CONFORM WITH THE NYSDEC GENERAL PERMIT GP-0-20-001 AND THE REQUIREMENTS OF LOCAL AND NYSDEC AUTHORITIES.
2. THE OWNER IS RESPONSIBLE FOR IMPLEMENTING THE REQUIRED SWPPP. THE OWNER'S CONTRACTOR, SUB-CONTRACTOR AND ALL OTHERS ASSOCIATED WITH THE IMPLEMENTATION OF THE PLAN SHALL BE FAMILIAR WITH THE PLAN AND THE CONDITIONS OF THE NYSDEC GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES.
3. FOR SITES WHERE SOIL DISTURBANCE ACTIVITIES HAVE BEEN TEMPORARILY SUSPENDED (E.G. WINTER SHUTDOWN) STABILIZATION MEASURES SHOULD BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 14 DAYS (7 DAYS IF OVER 5 ACRES OF DISTURBANCE OR THREE DAYS BETWEEN NOVEMBER 15TH AND APRIL 1ST).
4. THE OWNER'S CONTRACTOR/REPRESENTATIVE SHALL IDENTIFY AT LEAST ONE INDIVIDUAL TO BE TRAINED FROM THEIR COMPANY THAT WILL BE RESPONSIBLE FOR IMPLEMENTATION OF THE SWPPP. THE INDIVIDUAL MUST RECEIVE (4) HOURS OF NYSDEC TRAINING EVERY (3) YEARS. THE OWNER/OPERATOR SHALL ENSURE THAT AT LEAST ONE OF THE TRAINED INDIVIDUALS IS ON SITE ON A DAILY BASIS WHEN SOIL DISTURBANCE ACTIVITIES ARE BEING PERFORMED.
5. FOR DISTURBANCES LESS THAN 5 ACRES, DISTURBED AREAS EXPOSED FOR 14 DAYS OR MORE MUST BE TEMPORARILY SEEDED. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY GROUND COVER, THE DISTURBED AREA SHALL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL. ADDITIONAL TIME FRAMES FOR STABILIZATION ARE SUBJECT TO THE REQUIREMENTS OF A REGULATED TRADITIONAL LAND USE MS4.
6. THE OWNER'S CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT, MAINTENANCE, CLEANING, REPAIR AND REPLACEMENT OF EROSION CONTROL MEASURES DURING SITE CONSTRUCTION.
7. ALL DISTURBED AREAS TO BE RECLAIMED WITH A MINIMUM OF 6" TOPSOIL.
9. TEMPORARY SEEDED OF DISTURBED AREAS SHALL BE PROVIDED AS FOLLOWS:
- | | LBS./ACRE | LBS./1000 SQ. FT. |
|-----------------------------|-----------|-------------------|
| ANNUAL RYEGRASS | 40 | 1 |
| PERENNIAL RYEGRASS | 40 | 1 |
| OATS | 40 | 1 |
| WHITE CLOVER (+ INNOCULANT) | 4 | 0.1 |
- SEED SHOULD HAVE A GERMINATION RATE OF AT LEAST 85 PERCENT AND MINIMAL INERT MATERIAL.
8. DISTURBED AREAS SHALL BE STABILIZED USING PERMANENT LAWN SEEDED MIX UPON COMPLETION OF GRADING AND CONSTRUCTION:
- | | LBS./ACRE | % RYE PURITY | % GERM |
|---------------------|-----------|--------------|--------|
| PERENNIAL RYE GRASS | 35 | 85 | 85 |
| RED FESCUE | 35 | 97 | 80 |
| KENTUCKY BLUEGRASS | 30 | 85 | 80 |
- SEEDING RATE: 6.0 LBS PER 1,000 SQ. FT.
MULCH: STRAW OR WOOD FIBER MULCH USED WITH HYDROSEEDING METHOD, AT TWO TONS PER ACRE WITH TACKIFIER STARTING FERTILIZER: 5-10-10 AT 20 LBS PER SQ. FT
9. ALL SEEDED AREAS ARE TO BE MONITORED FOR GERMINATION AND EROSION. ERODED AREAS ARE TO BE BACKFILLED, FINE GRADED AND RE-SEEDED. AREAS THAT FAIL TO GERMINATE A MINIMUM OF 80% SHALL BE RE-SEEDED.
10. ANY EXCAVATIONS THAT MUST BE DEWATERED SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE BEFORE ENTERING AN ACTIVE DRAINAGE SYSTEM OR DISPERSED TO AN UNDISTURBED AREA.

SEDIMENT TRAP VOLUMES

DESIGNATION	DRAINAGE AREA/DISTURBED AREA TO INLET	REQUIRED SEDIMENT TRAP VOLUME (3,600 S.F./AC.)	TRAP DIMENSIONS (L x W x D)	PROVIDED SEDIMENT TRAP VOLUME	DEPTH AT WHICH TO CLEAN SEDIMENT TRAP
#1	0.78 AC	2,808 S.F.	41'x20'x3.5'	2,870 C.F.	1'
#2	0.28 AC	1,008 S.F.	30'x10'x3.5'	1,050 C.F.	1'
#3	0.32 AC	1,152 S.F.	30'x12'x3.5'	1,260 C.F.	1'
#4	0.20 AC	720 S.F.	15'x15'x3.5'	788 C.F.	1'

*TRAP DIMENSIONS PRESENTED AS GUIDANCE FOR CONTRACTOR ONLY. ACTUAL DIMENSIONS MAY VARY BASED UPON FIELD CONDITIONS. HOWEVER, MINIMUM "REQ'D SEDIMENT TRAP VOLUME" MUST BE PROVIDED.

LEGEND

Iron pin or pipe found

Benchmark

Utility pole

Hydrant

Light pole

DEEP TEST

DEEP TICLE

EXISTING

NEW

Utility Lines

R.O.W. line

Property line

Easement line

Centerline

Drainage

Fence Line

Contour Line

POROUS PAVEMENT

EROSION CONTROL STEEP SLOPE FABRIC

1 CONSTRUCTION EROSION CONTROL PLAN

1"=30'

SEQUENCE OF CONSTRUCTION STEPS:

STEP 1: (SITE PREPARATION)

- INSTALL AND MAINTAIN STABILIZED CONSTRUCTION ENTRANCE (SEE DETAIL).
- CLEAR AND GRUB AS REQUIRED FOR PERIMETER SILT FENCE INSTALLATION.
- INSTALL AND MAINTAIN PERIMETER SILT FENCE, COMPLETE CLEARING AND GRUBBING OPERATIONS.

STEP 2: (CONSTRUCTION ACTIVITY)

- STRIP AND STOCKPILE TOPSOIL FROM THE DRIVEWAY AND PROPOSED HOUSE SITE. INSTALL SILT FENCE AROUND THE PERIMETER OF THE STOCKPILE AND SEED WITH TEMPORARY SEEDED MIX.
- COMMENCE MASS GRADING OPERATIONS INCLUDING CONCENTRATED STORMWATER SWALES AND HOUSE FOUNDATIONS. UPON COMPLETION OF MASS GRADING OPERATIONS, INSTALL ADDITIONAL EROSION CONTROL MEASURES INCLUDING STONE CHECK DAMS AND TEMPORARY SEDIMENT TRAPS. ONCE SITE SWALES ARE CONSTRUCTED, SEDIMENT CONTROL MEASURES TO BE MAINTAINED BY THE CONTRACTOR UNTIL GROUND COVER HAS BEEN ESTABLISHED AND REMOVAL IS APPROVED BY THE TOWN/GOVERNING AGENCY. CONTRACTOR TO SEED AND MULCH DISTURBED AREAS WITHIN 14 DAYS OF COMPLETION.
- PLACE STONE SUBBASE. CONSTRUCT BUILDING, INSTALL UTILITIES AND DRIVEWAY AS SOON AS POSSIBLE.
- MAINTAIN EROSION CONTROL PRACTICES AS NECESSARY. IF ADDITIONAL MEASURES ARE REQUIRED THESE SHALL BE PROVIDED AT THE EXPENSE OF THE OWNER OR CONTRACTOR. IN THE EVENT THERE IS A SEDIMENT DISCHARGE OR FAILURE THE CONTRACTOR OR OWNER SHALL BE RESPONSIBLE FOR RESTORATION.
- COMPLETE EARTHWORK, INCLUDING FINE GRADING OF LAWN AREAS. LAWN AREAS TO BE REPLACED WITH 6" OF TOPSOIL, MULCHED AND SEEDED WITHIN 14 DAYS OF COMPLETION. SEED WITH A SEED MIX AS INDICATED, AND PROVIDE MULCH AS SPECIFIED IN THE NOTES.

STEP 3: (STABILIZATION & MONITORING)

- MAINTAIN PERIMETER SILT FENCE
- MONITOR SEDIMENT AND EROSION CONTROL MEASURES DURING CONSTRUCTION OPERATIONS FOR SILT ACCUMULATION. CONTRACTOR TO CLEAN AS NECESSARY.
- SEE CONSTRUCTION EROSION CONTROL NOTES FOR REQUIRED SEED MIXES AND WINTER SITE STABILIZATION METHODOLOGY.
- DUST SHALL BE CONTROLLED DURING CONSTRUCTION BY THE CONTRACTOR TO MINIMIZE EFFECT ON THE ADJACENT PROPERTIES. THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES AS NEEDED AND/OR AS DIRECTED BY THE TOWN ENGINEER OR OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE EXISTING ROADWAYS AND DRAINAGE CHANNELS FREE OF MUD, DIRT, AND DEBRIS. THE CONTRACTOR WILL CLEAN THESE AREAS AS NECESSARY OR AS REQUIRED BY THE OWNER OR TOWN ENGINEER.
- REMOVE TEMPORARY SEDIMENT CONTROL MEASURES ONCE THE ENTIRE SITE HAS BEEN STABILIZED AND AUTHORIZED BY THE TOWN.

INSTALL EROSION CONTROL FABRIC, NORTH AMERICAN GREEN SC-100 ON SLOPES GREATER THAN 3:1 (TYP)

PROPOSED SILT FENCE (TYP)(SEE DETAIL)

PROPOSED SEDIMENT TRAP #4

PROPOSED DOUBLE ROW SILT FENCE (TYP)(SEE DETAIL)

APPROXIMATE LIMITS OF DISTURBANCE = ±2.0 AC

PROPOSED SEDIMENT TRAP #1

PROPOSED CONSTRUCTION STAGING AREA AND CONCRETE WASHOUT

PROPOSED SEDIMENT TRAP #2

PROPOSED STABILIZED CONSTRUCTION ENTRANCE

COUNTY ROAD (R.O.W. WITH VARIES)

PROPOSED STONE CHECK DAM (TYP)(SEE DETAIL)

PROPOSED STONE CHECK DAM (TYP)(SEE DETAIL)

INSTALL EROSION CONTROL FABRIC, NORTH AMERICAN GREEN SC-100 ON SLOPES GREATER THAN 3:1 (TYP)

PROPOSED TEMPORARY TOPSOIL STOCKPILE AREA

EXISTING STONE DRIVEWAY TO BE UTILIZED AS STABILIZED CONSTRUCTION ACCESS ENTRANCE

PROPOSED SILT FENCE (TYP)(SEE DETAIL)

CANANDAIGUA LAKE

PLANNING BOARD CHAIRMAN

TOWN ENGINEER

TOWN HIGHWAY & WATER SUPERINTENDENT

MarksEngineering

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www.marksengineering.com bmarks@marksengineering.com
Phone 585-965-0360
Fax 585-485-6205

STAMP

STAMP

NOT FOR CONSTRUCTION

REVISIONS AND APPROVALS

NO.	DATE	BY	DESCRIPTION OF REVISION OR APPROVAL

PRELIMINARY SITE PLAN

WALTER TUREK

SHOWING LAND IN:

5049.5051 & 5057 CR 16

TOWN OF CANANDAIGUA

STATE OF NEW YORK

COUNTY OF ONTARIO

DRAWING TITLE: CONSTRUCTION EROSION CONTROL PLAN

DRAWN BY:	JWJ
DESIGNED BY:	LGR
CHECKED BY:	BAM
SCALE:	1"=30'
JOB NO.:	21-267
DATE:	01/01/2023
TAX MAP#:	154.09-8.1, 9.0,10.0, 11.0

C102

Town of Canandaigua

5440 Route 5 & 20 West
Canandaigua, NY 14424
(585) 394-1120
Fax (585) 394-9476
Established 1789

APPENDIX: G - 4.0

DATE: 2018

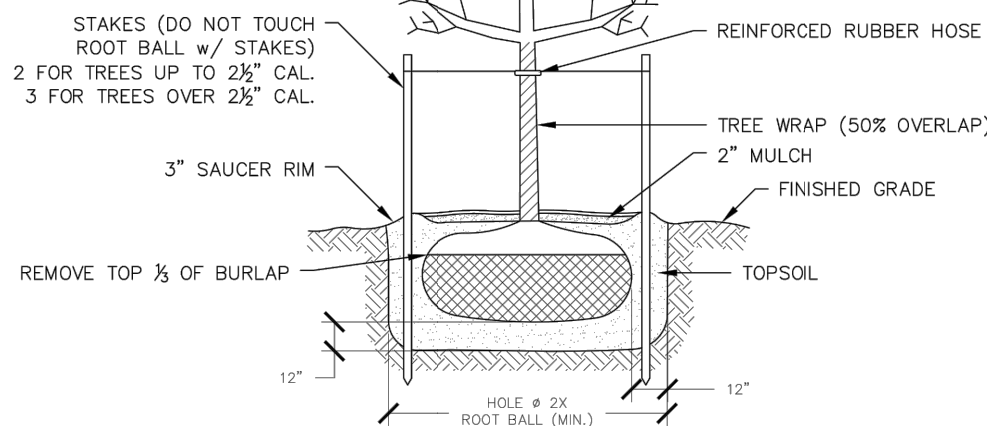
SCALE: N.T.S.

MRB group

NOTES:

1. TRIM BRANCHES BY $\frac{1}{2}$ RETAINING NATURAL TREE SHAPE. NEVER CUT EVERGREEN LEADER.

2. BASE OF PLANT PIT SHALL BE SCARIFIED TO A DEPTH OF 12" MIN.

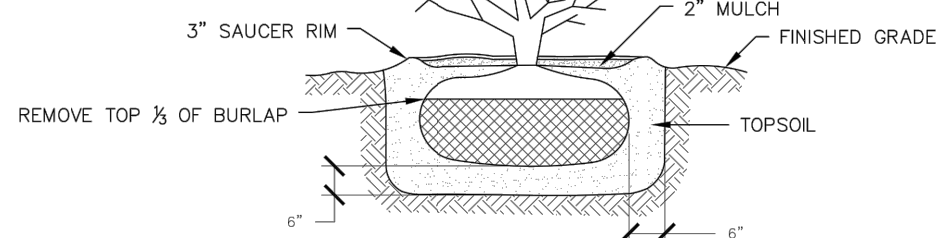


TYPICAL TREE PLANTING DETAIL

NOTES:

1. TRIM BRANCHES BY $\frac{1}{2}$ RETAINING NATURAL TREE SHAPE. NEVER CUT EVERGREEN LEADER.

2. BASE OF PLANT PIT SHALL BE SCARIFIED TO A DEPTH OF 12" MIN.



TYPICAL SHRUB PLANTING DETAIL

LANDSCAPE NOTES:

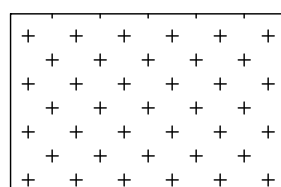
1. ALL PLANTS SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS NOTED IN THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, ANSI Z60.1-2004.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN QUANTITY TAKE OFFS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION.
4. ALL TREES SHALL BE LOCATED A MINIMUM DISTANCE OF FIVE FEET (10') FROM THE HORIZONTAL LINE OF UNDERGROUND UTILITIES TO THE PLANT BALL.
5. ALL TREES SHALL BE LOCATED A MINIMUM DISTANCE OF TEN FEET (10') FROM THE HORIZONTAL LINE OF OVERHEAD UTILITIES TO THE PLANT BALL.
6. PLANTING SOIL MIXTURE SHALL HAVE A RATIO VOLUME OF FOUR PARTS TOPSOIL TO ONE PART PEAT AND ONE PART COMPOST. SOIL AMENDMENTS TO BE MODIFIED PER INDIVIDUAL PLANT MATERIAL REQUIREMENTS.
7. STAKE TREES IMMEDIATELY AFTER PLANTING. REFER TO DETAIL.
8. PROVIDE ALL PLANTING BEDS WITH A CONTINUOUS 3" LAYER OF MULCH. MULCH TO BE PROVIDED AS FOLLOWS: 100% SHREDDED HARDWOOD MULCH, NO GREATER THAN ONE INCH (1") IN SIZE, UNIFORMLY MIXED AND FREE FROM DELETERIOUS MATERIAL.
9. SEED ALL AREAS NOT PAVED, PLANTED OR SPECIFIED OTHERWISE WITH LAWN SEED.
 - A. LAWN SEED MIXTURE SHALL BE PROVIDED AS FOLLOWS.

	% BY WEIGHT	% BY PURITY	% BY GERM
'REPELL', 'CITATION' & 'MORNING STAR' PERENNIAL RYE GRASS	40	85	85
'JAMESTOWN II', 'FORTRESS', 'ENSILVA' RED RESCUE	20	97	80
'BARON' & 'MIDNIGHT' KENTUCKY BLUEGRASS	40	85	80

SEEDING RATE: 6.0 LBS PER 1,000 SF.
MULCH: STRAW AT TWO TONS PER ACRE, OR WOOD FIBER MULCH
USED WITH A HYDROSEEDING APPLICATION METHOD, WITH TACKIFIER.

STARTING FERTILIZER: 5:10:10 AT 20 LBS PER 1,000 SF.

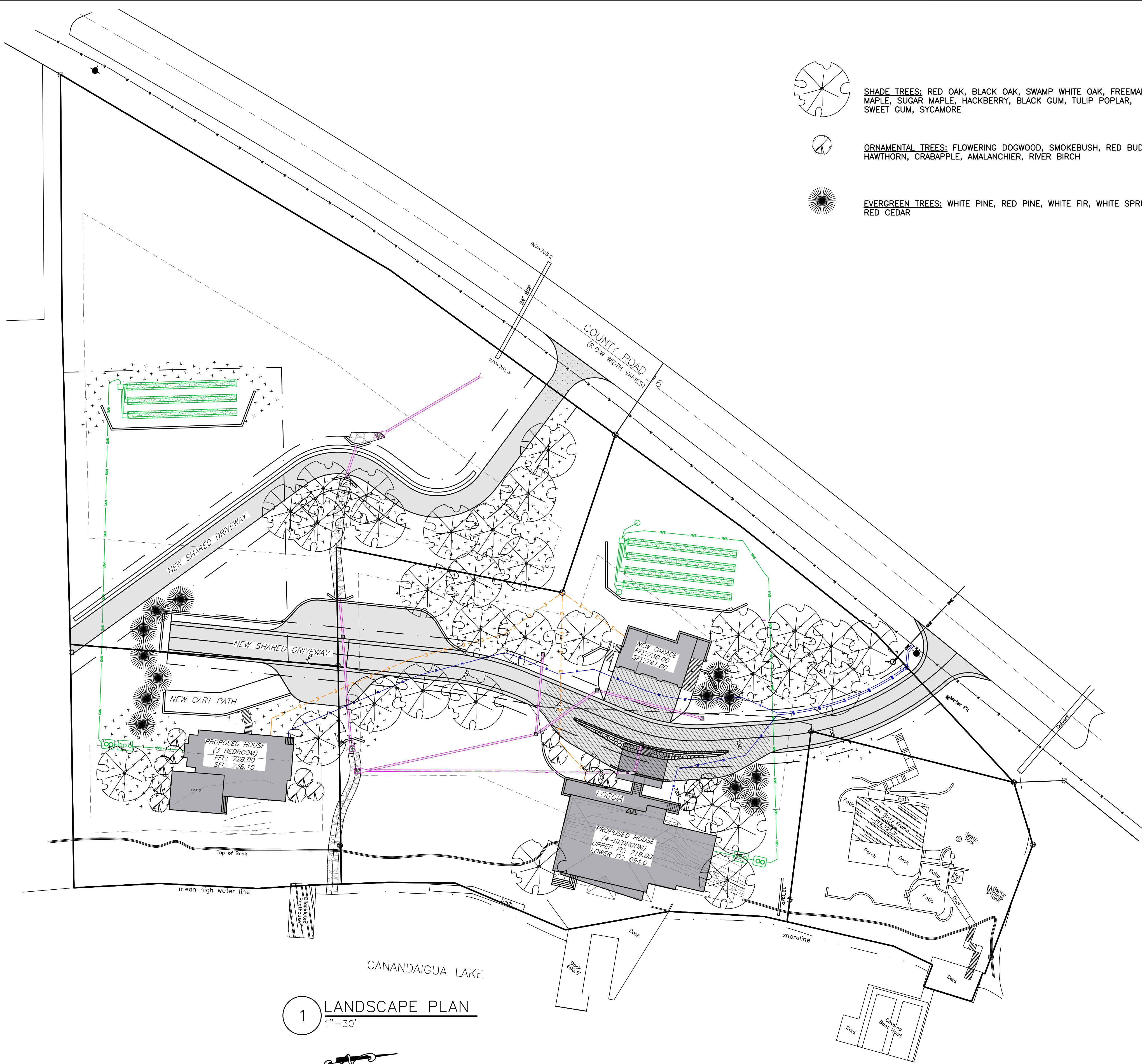
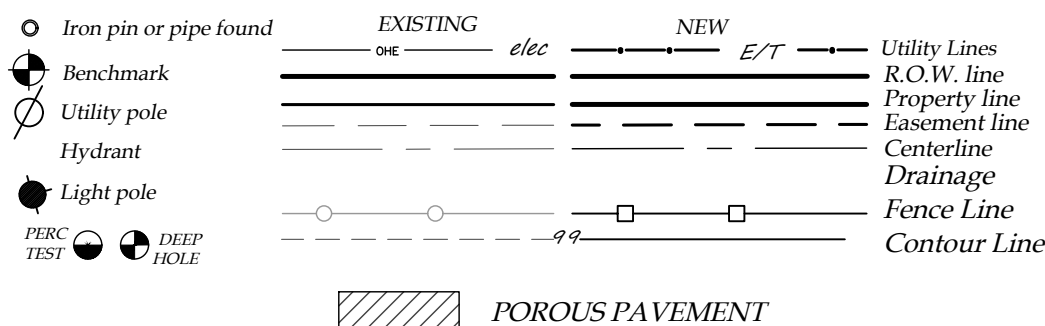
10. PROPOSED PLANT MATERIALS SHALL BE FIELD LOCATED AND THE CONTRACTOR SHALL PERFORM A ROUGH STAKEOUT OF PLANTINGS FOR REVIEW AND APPROVAL BY OWNER PRIOR TO PLANTING.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF PLANT MATERIALS AND SEEDING AREAS UNTIL FINAL ACCEPTANCE.
12. A MINIMUM OF 2 YEAR GUARANTEE SHALL BE PROVIDED ON ALL PLANT MATERIALS FROM DATE OF FINAL ACCEPTANCE.



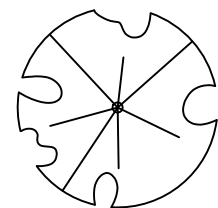
STEEP SLOPE SEED MIX:

ERNST SEEDS- NATIVE STEEP SLOPE
MIX W/ ANNUAL RYEGRASS
ITEM #: ERNMIX-181
SEEDING RATE: 60LB PER ACRE

LEGEND



1 LANDSCAPE PLAN
1"=30'



SHADE TREES: RED OAK, BLACK OAK, SWAMP WHITE OAK, FREEMAN MAPLE, SUGAR MAPLE, HACKBERRY, BLACK GUM, TULIP POPLAR, SWEET GUM, SYCAMORE



ORNAMENTAL TREES: FLOWERING DOGWOOD, SMOKEBUSH, RED BUD, HAWTHORN, CRABAPPLE, AMALANCHIER, RIVER BIRCH



EVERGREEN TREES: WHITE PINE, RED PINE, WHITE FIR, WHITE SPRUCE, RED CEDAR

NOT FOR CONSTRUCTION

REVISIONS AND APPROVALS

NO.	DATE	DESCRIPTION OF REVISION OR APPROVAL	BY

PRELIMINARY SITE PLAN

WALTER TUREK

SHOWING LAND IN:
5049.5051 & 5057 CR 16

TOWN OF CANANDAIGUA

STATE OF NEW YORK

COUNTY OF ONTARIO

DRAWING TITLE:
SITE & UTILITY PLAN

DRAWN BY:	JWJ
DESIGNED BY:	LGR
CHECKED BY:	BAM
SCALE:	1"=30'
JOB NO.:	21-267
DATE:	03/01/2021
TAX MAP#:	154.09-8.1, 9.0, 10.0, 11.0

PLANNING BOARD CHAIRMAN

TOWN ENGINEER

TOWN HIGHWAY & WATER SUPERINTENDENT

MarksEngineering



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www.marksengineering.com

Phone 585-965-0360

Fax 585-485-6205

marksengineering.com

STAMP

STAMP

C100

0.2
0.2
0.2
0.2



NTS



NTS



TOTAL PRESBY TRENCH REQUIRED = 150'
TOTAL PRESBY TRENCH PROVIDED = 183' (360' AES PIPE)

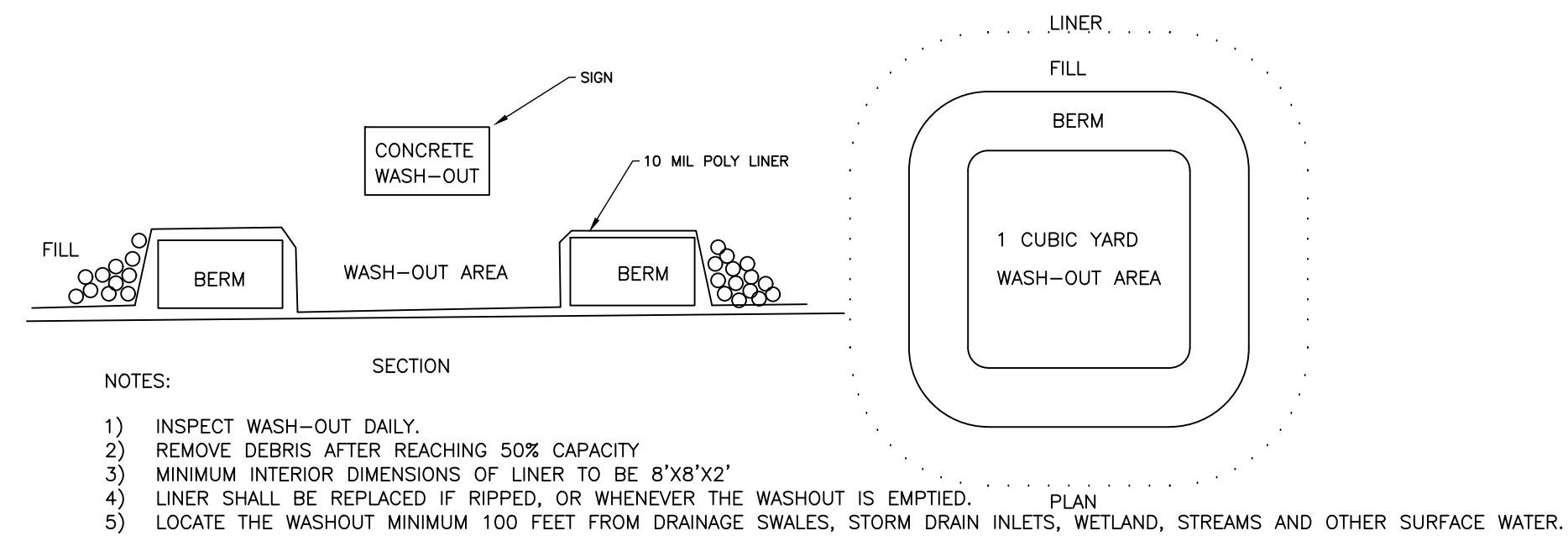
- PERCOLATION HOLES 12" DEEP
- NO BEDROCK, SEEPAGE OR MOTTLING OBSERVED

741 740	INVERT ⑧ HOUSE	SEPTIC TANK		PUMP TANK	DROP BOX		INVERT IN ⑧ BEGINNING OF LEACH LINE	LENGTH OF LEACH LINE	PIPE DROP ACROSS SYSTEM
		IN	OUT	IN	IN	OUT			
	±724.0	723.4	723.1	723.00	771.00	770.80	① 770.60	60'	-0.2

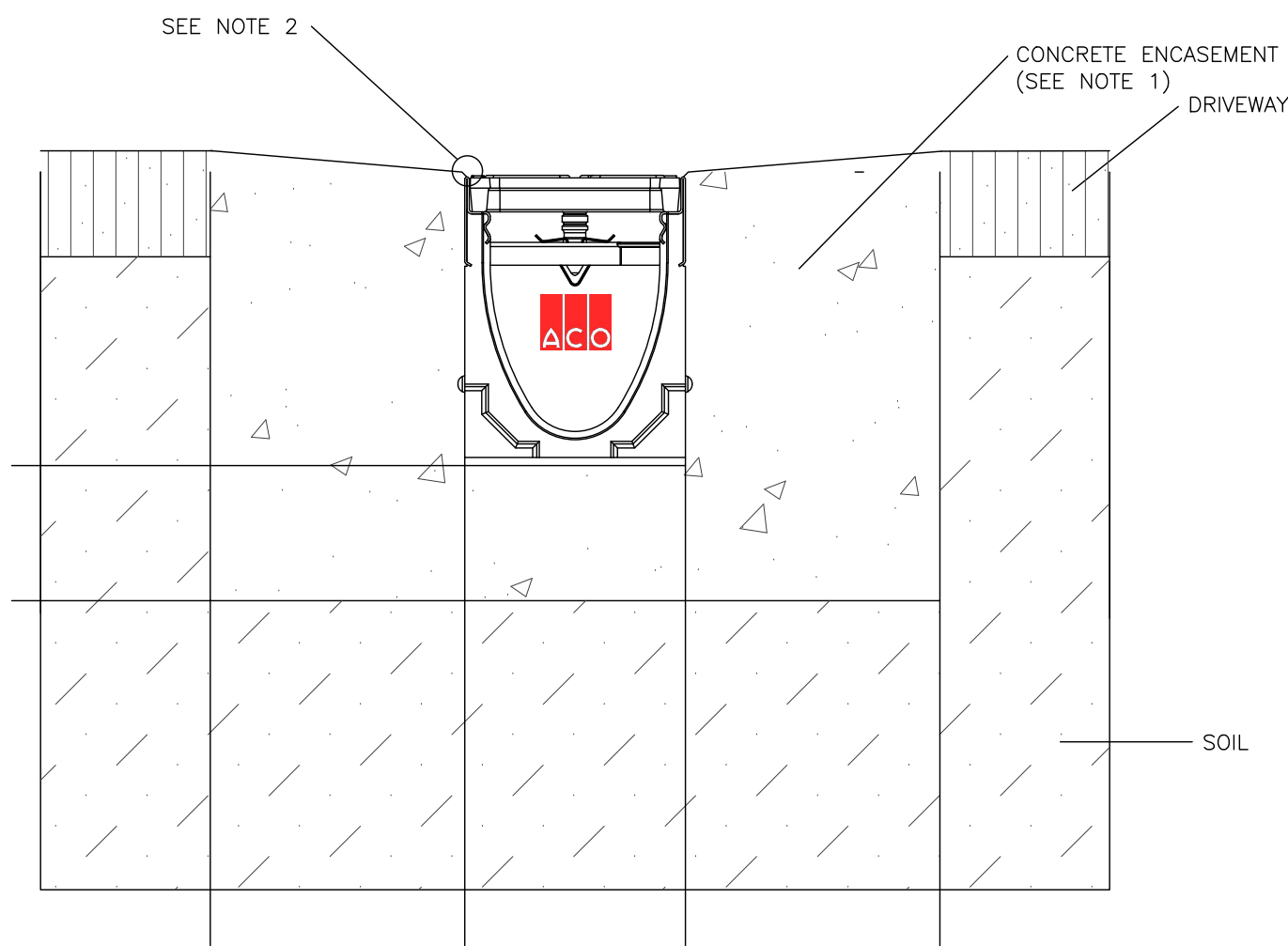
TOTAL PRESBY TRENCH REQUIRED = 150'
TOTAL PRESBY TRENCH PROVIDED = 183' (360' AES PIPE)

(d)	768.50	60'	-0.2
(e)	766.60	60'	-0.2
(f)	766.50	60'	-0.2

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1 CONCRETE WASH-OUT



SPECIFICATION CLAUSE KLASSIKDRAIN K100 – LOAD CLASS C-D

GENERAL
THE SURFACE DRAINAGE SYSTEM SHALL BE ACO'S KLASSIKDRAIN K100 POLYMER CONCRETE V-PROFILE CHANNEL SYSTEM WITH GALVANISED STEEL EDGE RAILS AS MANUFACTURED BY ACO.

MATERIALS
K100 CHANNELS SHALL BE MANUFACTURED FROM POLYESTER RESIN POLYMER CONCRETE WITH AN INTEGRAALLY CAST-IN GALVANISED STEEL EDGE RAIL. PROPERTIES OF POLYMER CONCRETE WILL BE AS FOLLOWS WITH SUPPORTING DOCUMENTATION:

COMPRESSIVE STRENGTH:	98 MPa
FLEXURAL STRENGTH:	26 MPa
TENSILE STRENGTH:	14 MPa
WATER ABSORPTION:	0.07%
FROST PROOF:	YES
COEFFICIENT OF EXPANSION/CONTRACTION:	2.02x10 ⁻⁵ /°C
WATER VAPOUR TRANSMISSION:	0.0364g/m ²
NON FLAMMABLE:	YES
COEFFICIENT OF ROUGHNESS (MANNINGS):	n=0.011
RESISTANT TO WEATHERING:	YES
DILUTE ACID AND ALKALI RESISTANT:	YES
SF SEALANT GROOVE	YES

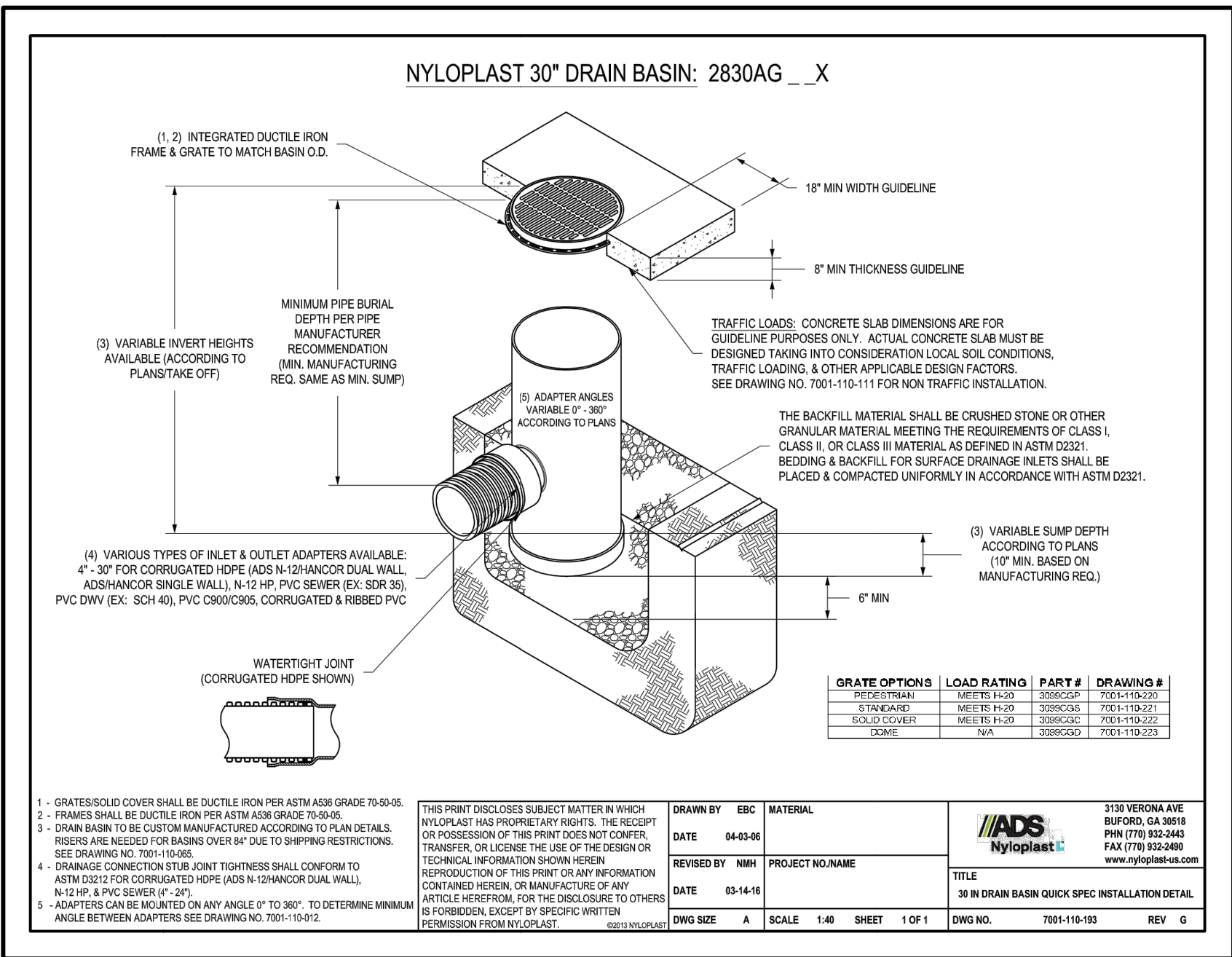
CHANNELS
K100 CHANNEL SHALL BE 100mm NOMINAL INTERNAL WIDTH WITH AN OVERALL WIDTH OF 130mm. CHANNEL INVERT SHALL HAVE A V-PROFILE TO ALLOW EFFICIENT DRAINAGE. K100 SLOPED CHANNELS SHALL HAVE A BUILT-IN SLOPE OF 0.5%. ALL CHANNELS SHALL BE INTERLOCKING WITH A MALE/FEMALE JOINT.

GRATES
INSERT SPECIFICATION FOR THE SELECTED GRATE. REFER TO THE RELEVANT ACO SPECIFICATION INFORMATION SHEET, CLICK www.acodrain.com.au/resources.

INSTALLATION
THE COMPLETE DRAINAGE SYSTEM SHALL BE BY ACO AND TO BE INSTALLED FOR ITS INTENDED PURPOSE. ANY DEVIATION OR PARTIAL USE OF THE SPECIFIED SYSTEM AND/OR IMPROPER INSTALLATION WILL VOID ALL WARRANTIES PROVIDED BY ACO.

NOTES:
1. SPECIFIC SITE CONDITIONS MAY REQUIRE AN INCREASE IN CONCRETE ENCASEMENT DIMENSIONS AND/OR REINFORCEMENT. IT IS THE CUSTOMER'S RESPONSIBILITY TO ENSURE THE CONCRETE ENCASEMENT IS DESIGNED FOR THE APPLICATION. A MINIMUM CONCRETE STRENGTH OF 25MPA IS RECOMMENDED. THE CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS. ENGINEERING ADVICE MAY BE REQUIRED.
2. THE FINISHED LEVEL OF THE CONCRETE ENCASEMENT MUST BE APPROXIMATELY 3MM ABOVE THE TOP OF THE CHANNEL EDGE.
3. FOR FURTHER DETAILS, REFER TO ACO'S DESIGN & SITE INSTALLATION FILES AT WWW.ACODRAIN.COM/RESOURCES.

2 ACO K100 TRENCH DRAIN DETAIL



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STATE OF NEW YORK

COUNTY OF ONTARIO

DRAWING TITLE:
DETAILS

DRAWN BY:	LGR
DESIGNED BY:	LGR
CHECKED BY:	BAM
SCALE:	N/A
JOB NO.:	21-267
DATE:	01/01/2023
TAX MAP#:	154.09-8.1, 9.0,10.0, 11.0

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C105