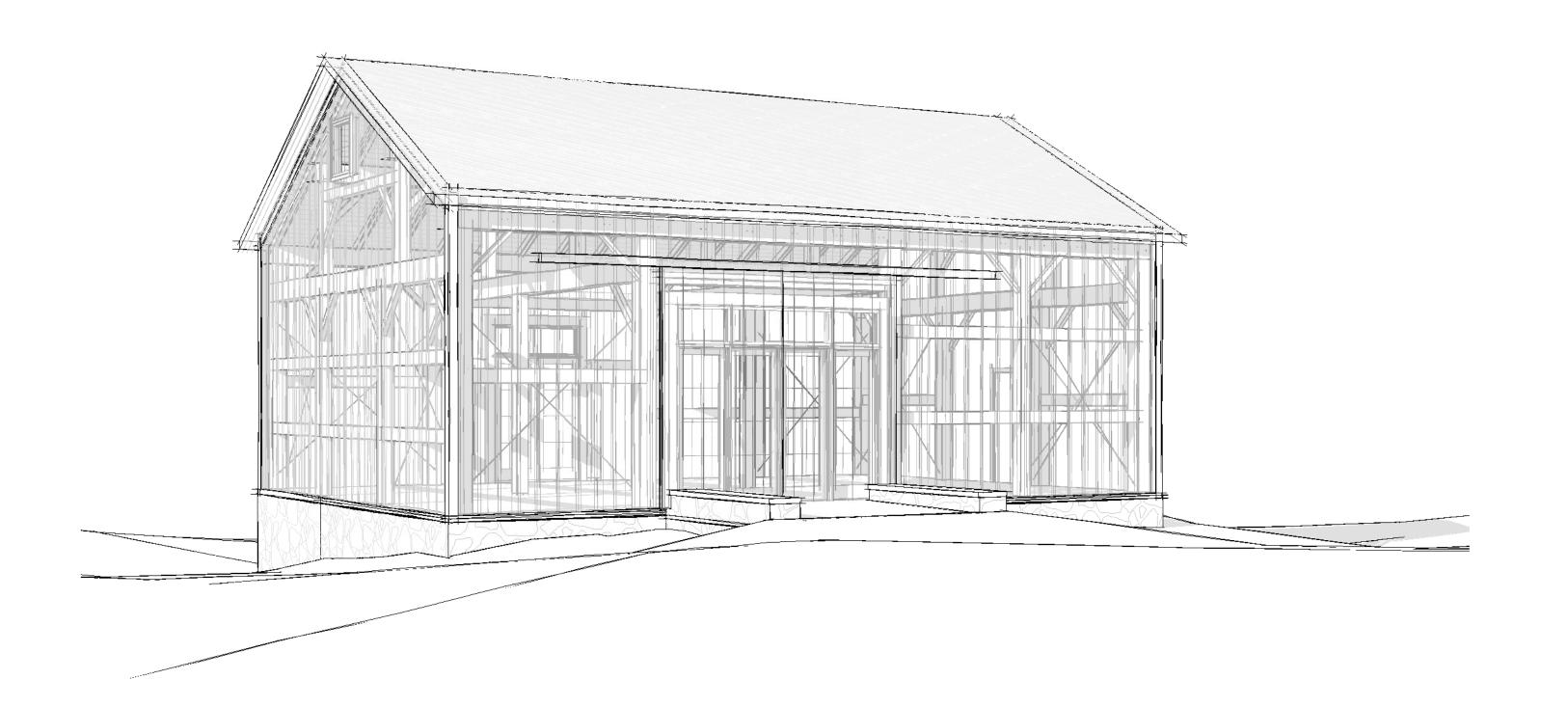
# Erie Canal Park and Preserve Barn Reconstruction



## Bid Documents

GROUND	MIND	SEISMIC	SUBJECT TO DAMAGE FROM				ICE SHIELD	FLOOD
SNOW LOAD (psf)	SPEED (mph)	DESIGN CATEGORY	MEATHERING	FROST LINE DEPTH	TERMITE	DECAY	UNDERLAYMENT REQ'D	HAZARDS
40	115	В	SEVERE	42	SLIGHT TO MODERATE	NONE TO SLIGHT	YES	YES

Climatic & Geographical Design Criteria - Monroe County, NY
 TABLE R301.2(1) -

## STATISTICS

Barn 1333 Total Area: 1333

## LIST OF DRAWINGS

A-0.0 COVER SHEET

L-EX EXISTING CONDITIONS

LAYOUT AND MATERIALS PLAN

L-2.0 GRADING AND DRAINAGE PLANS

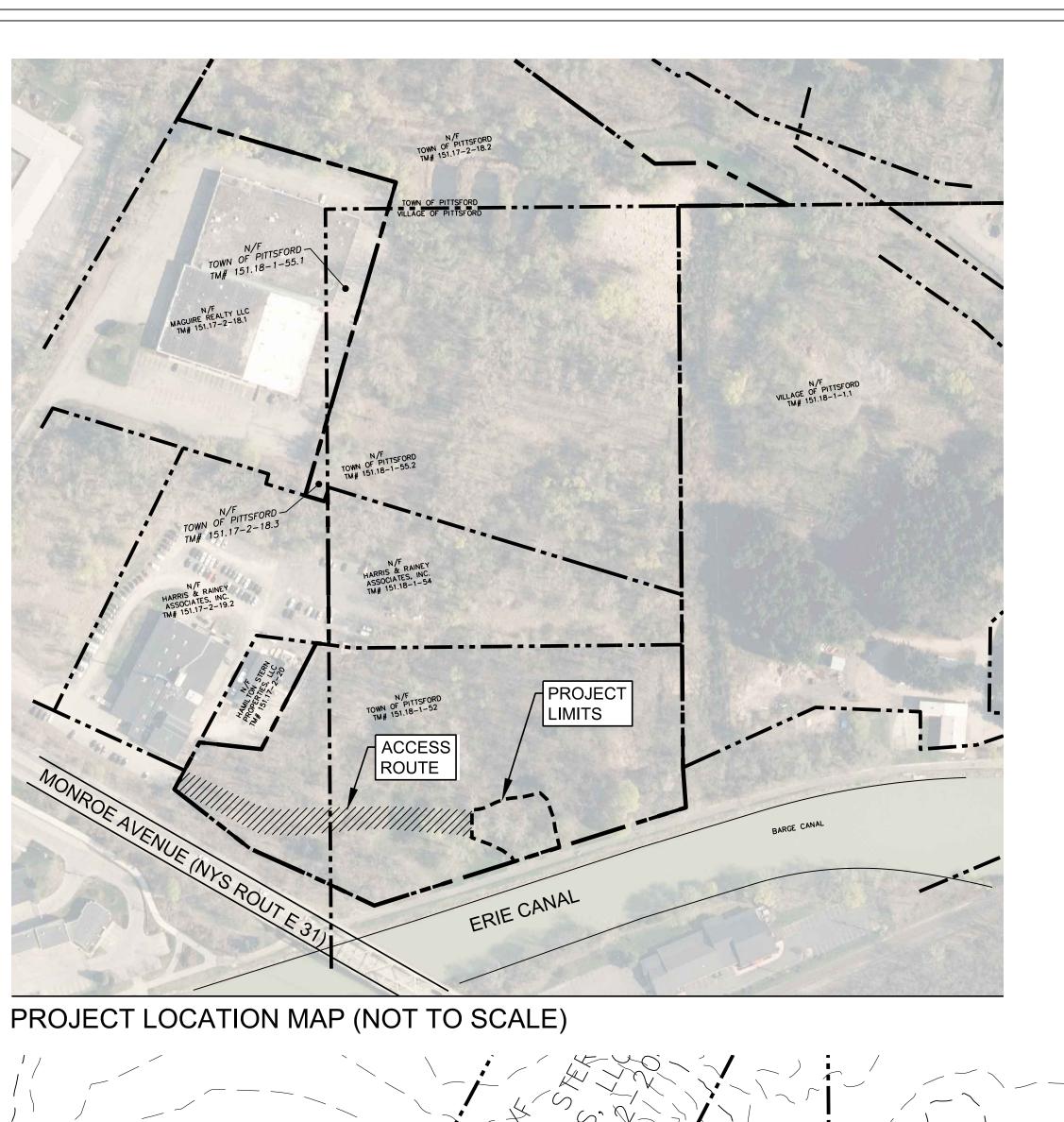
SITE CONSTRUCTION DETAILS

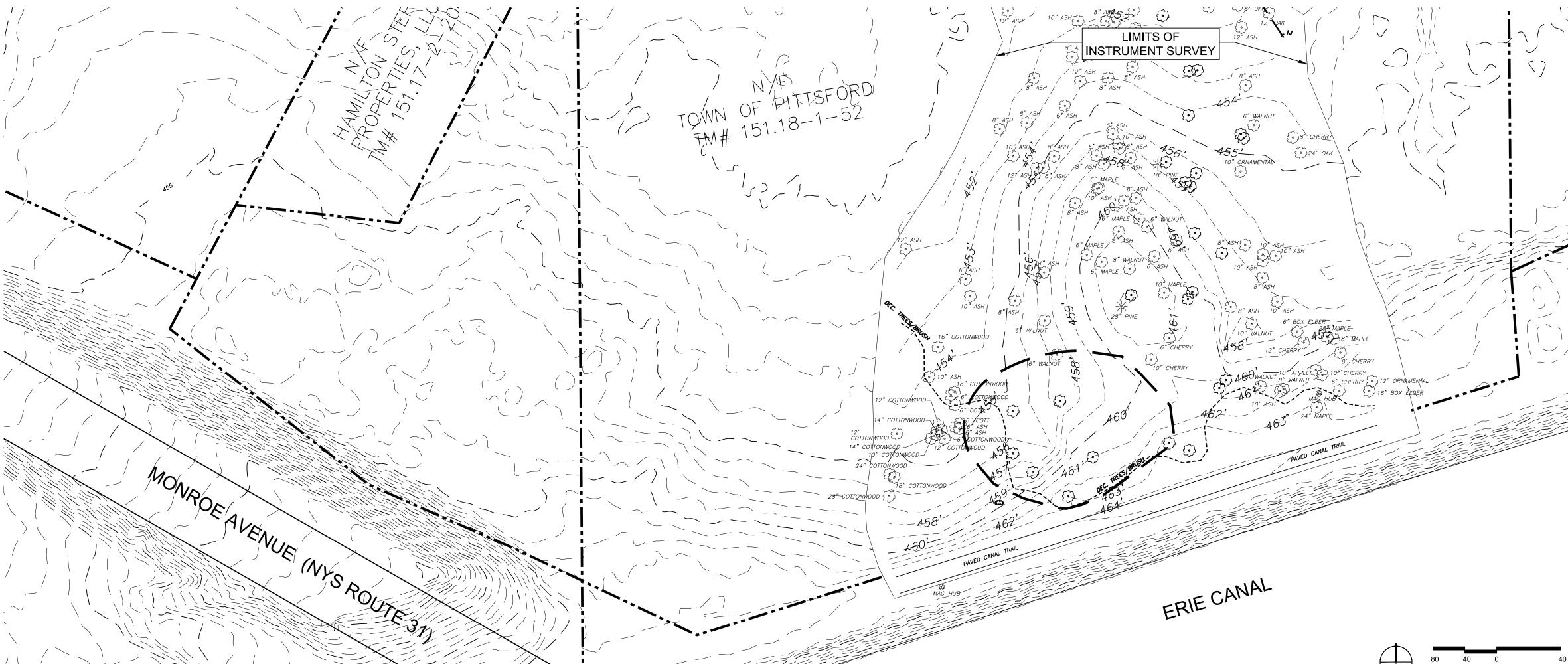
FLOOR PLANS & SECTIONS

BUILDING SECTIONS

EXTERIOR ELEVATIONS

 BID DOCUMENTS		
 Title: Construction Documents	Project No.	Erie Can
 COVER SHEET	Date: O1/16/2O	Park and Pre
	Scale:	Darn Reconstr
	Drawn By:	Town of Pittsford, N Department of Publ
 )	Checked By: CBS	NYS Contract No: C





RAVI ENGINEERING & LAND SURVEYING, P.C.

2110 SOUTH CLINTON AVENUE, ROCHESTER NEW YORK 14613

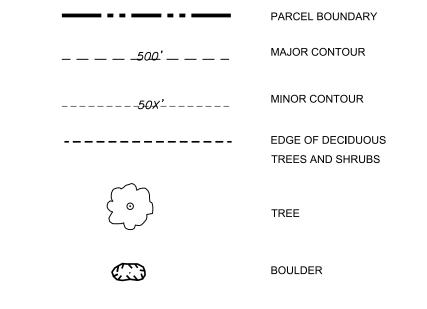
SURVEY NOTES:

UNITS OF MEASURE: US SURVEY FEET HORIZONTAL COORDINATE SYSTEM: N.A.D. 83(2011) N.Y.S.P.C.S. WESTERN ZONE

VERTICAL COORDINATE SYSTEM: N.A.V.D. 88 FIELD WORK COMPLETED ON AUGUST 23, 2019 BY RAVI ENGINEERING & LAND SURVEYING UNDER PARTLY CLOUDY SITE CONDITIONS.

LEGEND: COTT. = COTTONWOOD LOC. = LOCUST ORN. = ORNAMENTAL

## LEGEND

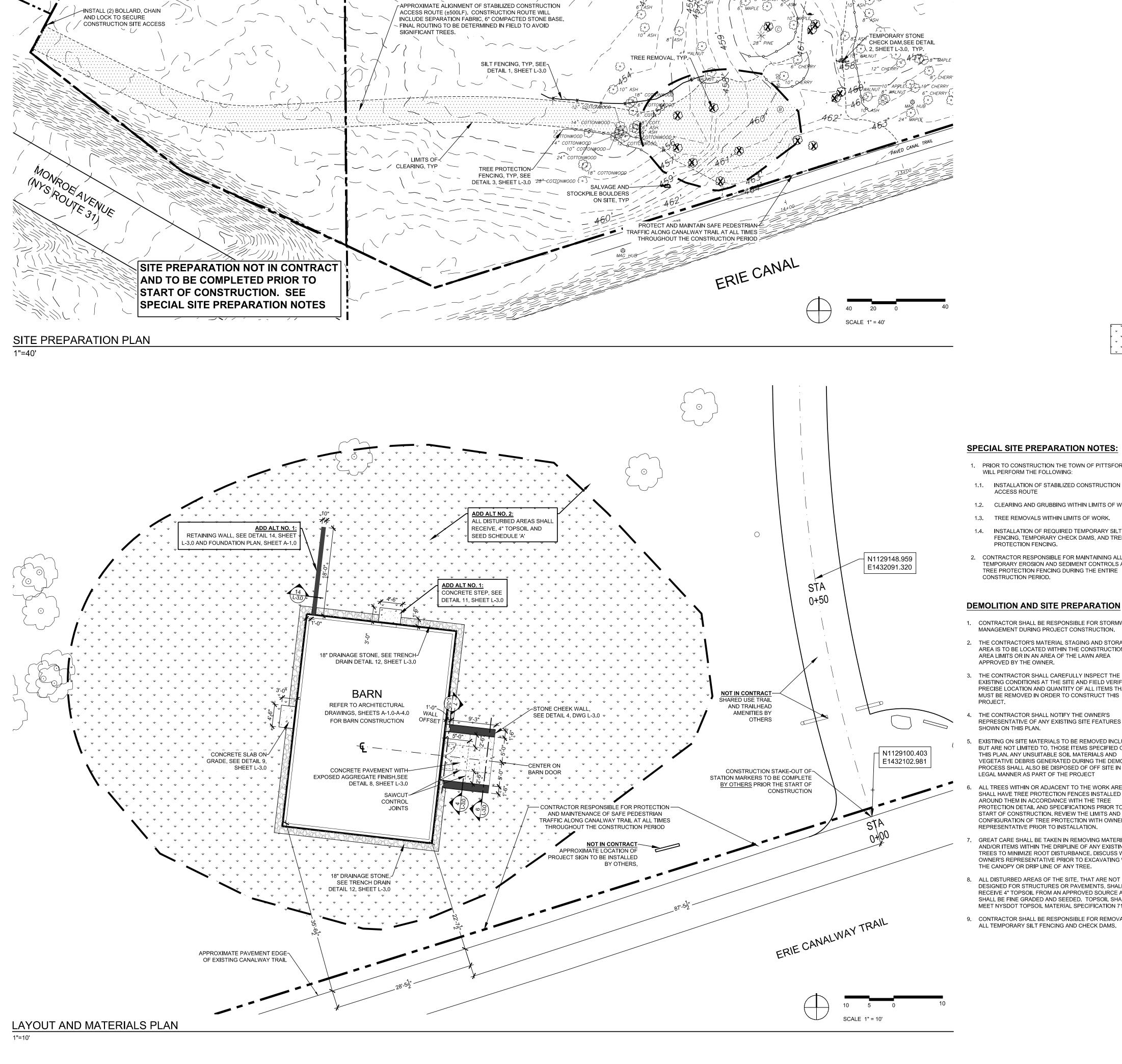


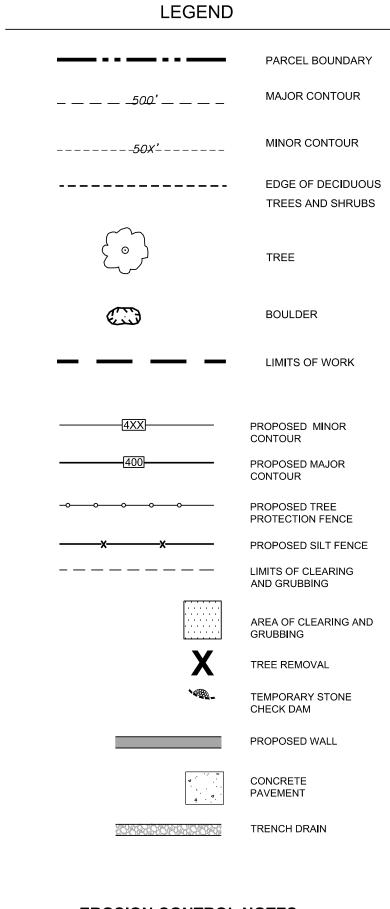
LIMITS OF WORK

- 1. EXISTING CONDITIONS SHOWN ON THIS PLAN WERE TAKEN FROM A SURVEY PREPARED BY RAVI SURVEYORS AND ENGINEERS. SUE STEELE LANDSCAPE ARCHITECTURE, PLLC ASSUMES NO RESPONSIBILITY FOR, AND MAKES NO WARRANTY AS TO, THE COMPLETENESS AND ACCURACY OF THE EXISTING CONDITIONS SURVEY INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING SUBSURFACE UTILITIES AND FEATURES.
- 2. MAPPING OUTSIDE THE 'LIMITS OF INSTRUMENT SURVEY' ARE TAKEN FROM THE MONROE COUNTY LIDAR MAPPING, APRIL 2017.
- 3. CALL DIGSAFE TO LOCATE EXISTING UTILITIES PRIOR TO ANY EXCAVATION. PROTECT EXISTING UTILITIES TO REMAIN THROUGHOUT THE CONSTRUCTION PROCESS AND REPAIR ANY DAMAGE DONE TO THESE AT
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL NECESSARY, PRIOR TO PERFORMING THE DEMOLITION WORK. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXCAVATING NEAR EXISTING UTILITIES.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PAVEMENT, STEPS, PLANTINGS, UTILITIES AND ANY OTHER EXISTING SITE FEATURES PROPOSED TO REMAIN, AS CAUSED BY CONSTRUCTION OR OTHER RELATED OPERATIONS. ALL SUCH DAMAGE SHALL BE REPLACED
- IN-KIND AT THE CONTRACTOR'S EXPENSE. SHRUBS, AND VEGETATION WITHIN AND ADJACENT TO THE PROJECT SITE EXCEPT FOR THOSE SPECIFICALLY IDENTIFIED ON THE PLANS AND ARE APPROVED FOR REMOVAL.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONSTRUCTION SITE IN A SAFE AND ORDERLY CONDITION THROUGHOUT
- 11. EMERGENCY ACCESS TO THE SITE SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT CONSTRUCTION. 12. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REGULATORY OR MUNICIPAL PERMITS.

BID

**EXISTING CONDITIONS SURVEY** 





LAWN SEED SCHEDULE

Item Number: ERNMX-113 (OR APPROVED EQUAL) Seeding Rate: 75-150 lb per acre, or 3-5 lb per 1,000 sq ft

25.0% Lolium perenne, 'Amazing A+' (Perennial Ryegrass,

25.0% Lolium perenne, 'Confetti III' (Perennial Ryegrass

Mix Composition
25.0% Festuca rubra (Creeping Red Fescue) 25.0% Lolium multiflorum (Annual Ryegrass)

'Amazing A+' (turf type))

'Confetti III' (turf type))

Commercial Conservation Mix

- 1. PRIOR TO CONSTRUCTION THE TOWN OF PITTSFORD WILL PERFORM THE FOLLOWING:
- 1.2. CLEARING AND GRUBBING WITHIN LIMITS OF WORK.
- 1.3. TREE REMOVALS WITHIN LIMITS OF WORK INSTALLATION OF REQUIRED TEMPORARY SILT
- FENCING, TEMPORARY CHECK DAMS, AND TREE PROTECTION FENCING
- 2. CONTRACTOR RESPONSIBLE FOR MAINTAINING ALL TEMPORARY EROSION AND SEDIMENT CONTROLS AND TREE PROTECTION FENCING DURING THE ENTIRE CONSTRUCTION PERIOD.

## **DEMOLITION AND SITE PREPARATION**

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR STORMWATER
- 2. THE CONTRACTOR'S MATERIAL STAGING AND STORAGE AREA IS TO BE LOCATED WITHIN THE CONSTRUCTION AREA LIMITS OR IN AN AREA OF THE LAWN AREA APPROVED BY THE OWNER.
- 3. THE CONTRACTOR SHALL CAREFULLY INSPECT THE EXISTING CONDITIONS AT THE SITE AND FIELD VERIFY THE PRECISE LOCATION AND QUANTITY OF ALL ITEMS THAT MUST BE REMOVED IN ORDER TO CONSTRUCT THIS
- REPRESENTATIVE OF ANY EXISTING SITE FEATURES NOT SHOWN ON THIS PLAN.
- 5. EXISTING ON SITE MATERIALS TO BE REMOVED INCLUDE. BUT ARE NOT LIMITED TO, THOSE ITEMS SPECIFIED ON THIS PLAN. ANY UNSUITABLE SOIL MATERIALS AND VEGETATIVE DEBRIS GENERATED DURING THE DEMOLITION PROCESS SHALL ALSO BE DISPOSED OF OFF SITE IN A LEGAL MANNER AS PART OF THE PROJECT
- ALL TREES WITHIN OR ADJACENT TO THE WORK AREA SHALL HAVE TREE PROTECTION FENCES INSTALLED AROUND THEM IN ACCORDANCE WITH THE TREE PROTECTION DETAIL AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. REVIEW THE LIMITS AND CONFIGURATION OF TREE PROTECTION WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- GREAT CARE SHALL BE TAKEN IN REMOVING MATERIALS AND/OR ITEMS WITHIN THE DRIPLINE OF ANY EXISTING TREES TO MINIMIZE ROOT DISTURBANCE. DISCUSS WITH OWNER'S REPRESENTATIVE PRIOR TO EXCAVATING WITHIN THE CANOPY OR DRIP LINE OF ANY TREE.
- 8. ALL DISTURBED AREAS OF THE SITE, THAT ARE NOT DESIGNED FOR STRUCTURES OR PAVEMENTS, SHALL RECEIVE 4" TOPSOIL FROM AN APPROVED SOURCE AND SHALL BE FINE GRADED AND SEEDED. TOPSOIL SHALL MEET NYSDOT TOPSOIL MATERIAL SPECIFICATION 713-01
- 9. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL TEMPORARY SILT FENCING AND CHECK DAMS.

### LAYOUT AND MATERIAL NOTES

- PROPOSED BARN SHALL BE STAKED OUT BY THE CONTRACTOR IN ACCORDANCE WITH THE LAYOUT AND MATERIALS PLAN AND ARCHITECTURAL SERIES PLANS FOR REVIEW AND APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
- ALL PROPOSED SITE FEATURES SHALL BE STAKED OUT BY THE CONTRACTOR IN ACCORDANCE WITH THE LAYOUT AND MATERIALS PLAN AND THE GRADING PLAN FOR REVIEW AND APPROVAL FROM THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL ADHERE TO WRITTEN DIMENSIONS ON ALL PLANS AND SHALL NOTIFY THE LANDSCAPE ARCHITECT IF THE WRITTEN DIMENSIONS CONFLICT WITH THE FIELD CONDITIONS.
- 4. CONTRACTOR SHALL FIELD VERIFY ALL LAYOUT DIMENSIONS, ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT FOR RESOLUTION.
- 5. THE CONTRACTOR SHALL REFER ANY QUESTIONS REGARDING MATERIALS, FINISHES, LABOR, AND/OR PRODUCTS NOT SPECIFIED HEREIN TO THE LANDSCAPE ARCHITECT PRIOR TO ORDERING MATERIALS OR STARTING
- 6. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE SHOWN.
- 7. FIELD MEASUREMENTS: TAKE ACCURATE FIELD MEASUREMENTS BEFORE PREPARATION OF SHOP DRAWINGS AND FABRICATION.

## **EROSION CONTROL & CONSTRUCTION SEQUENCE**

- **ITEMS 1-4 BY OTHERS** 1. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- 2. PROTECT EXISTING VEGETATION AND OTHER ENVIRONMENTAL FEATURES TO BE PRESERVED, SUCH AS WOODS, TREES, WETLANDS AND AREAS OF MINIMAL GRADE CHANGE, WITH SILT OR CONSTRUCTION FENCING.
- 3. INSTALL ALL SEDIMENT & EROSION CONTROLS.
- 4. CLEAR AND GRUB SITE.
- **ITEMS 5-10 BY CONTRACTOR** 5. STRIP AND STOCKPILE TOPSOIL AND IMMEDIATELY PROVIDE TEMPORARY SEEDING OF STOCKPILE. INSTALL PERIMETER SILT FENCE PRIOR TO STOCKPILING. TOPSOIL SHALL REMAIN ON SITE UNTIL PROJECT IS COMPLETE OR INSURANCE OF A MINIMUM SEEDBED OF 6" IS PROVIDED. A MAXIMUM OF 5 ACRES OF DISTURBED SOIL IS PERMITTED AT ANY ONE TIME PRIOR TO STABILIZATION.
- 6. BEGIN EARTHWORK AND ROUGH GRADING.
- 7. COMPLETE ROUGH GRADING OF SITE, AREAS WHERE SOIL DISTURBANCE HAS BEEN TEMPORARILY OR PERMANENTLY CEASED SHALL BE SEEDED/MULCHED WITHIN 7 DAYS.
- 8. INSTALL SITE STRUCTURES, FEATURES, AND PAVEMENTS. 9. COMPLETE FINISH GRADING, INSTALL PERMANENT SEEDING, FERTILIZER AND MULCH.
- 10. ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL A PERMANENT COVER OF VEGETATION HAS BEEN ESTABLISHED AND REMOVAL IS APPROVED BY THE TOWN AND LANDSCAPE

## **EROSION CONTROL NOTES:**

- 1. TOPSOIL OR STOCKPILED SUBSOIL SHALL BE SEEDED IMMEDIATELY IF THEY ARE TO REMAIN IN PLACE FOR MORE THAN 7 DAYS.
- 2. EROSION CONTROL DEVICES SHALL BE INSTALLED ON SITE PER THE EROSION CONTROL SEQUENCE AND THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.
- 3. IT IS THE CONTRACTORS RESPONSIBILITY TO MAINTAIN ALL EROSION CONTROL DEVICES AND TEMPORARY SEEDING UNTIL A PERMANENT COVER OF VEGETATION IS ESTABLISHED MAINTENANCE SHALL INCLLIDE BLIT IS NO LIMITED TO, REMOVAL OF ACCUMULATED SEDIMENT, PREVENTATIVE AND REMEDIAL WORK, REPAIR, REPLACEMENT, WATERING SEEDED AREAS, RESEEDING AND REMULCHING.
- 4. ON-SITE BURIAL OF WASTE MATERIAL CLEARED FROM THE WORK AREA IS NOT PERMITTED. CONTRACTOR SHALL DISPOSE OF OFF-SITE IN A LOCATION APPROVED BY LOCAL
- AND STATE ORDINANCES. 5. THE CONTRACTOR SHALL PROVIDE DUST CONTROL BY
- . THE CONTRACTOR SHALL KEEP PAVED SURFACES CLEAN OF MUD AND DEBRIS AT ALL TIMES.
- . IF REQUIRED, CONTRACTOR SHALL PROVIDE ADDITIONAL TEMPORARY EROSION CONTROL MEASURES, AT THE EXPENSE OF THE CONTRACTOR, TO PREVENT SILTATION OF DOWNSTREAM PROPERTIES. INSTALLATION OF ADDITIONAL MEASURES SHALL BE REVIEWED BY THE

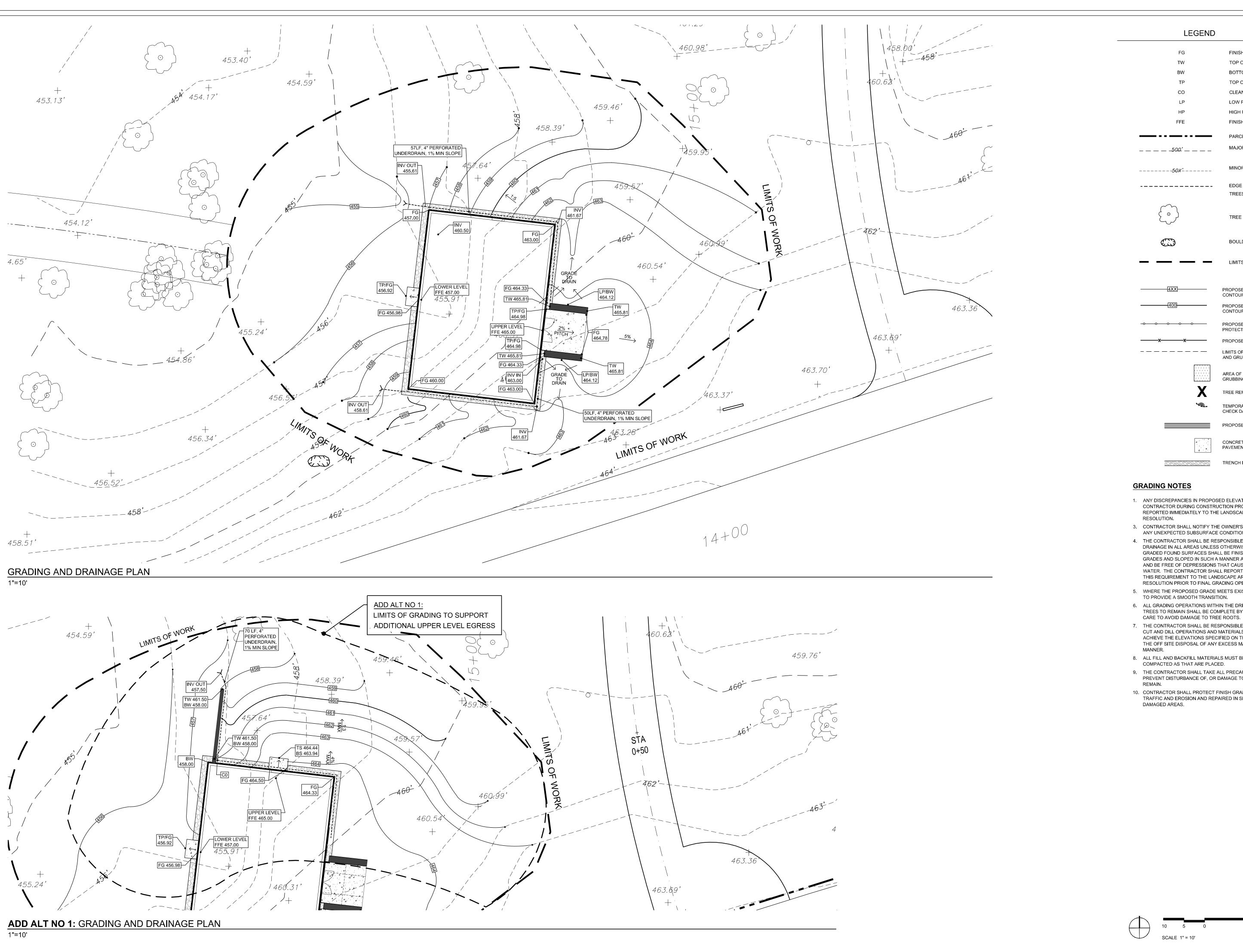
WATERING AS NEEDED.

- 8. IN THE EVENT THERE IS A FAILURE OF AN EROSION CONTROL DEVICE, THE CONTRACTOR IS RESPONSIBLE TO RESTORE DOWNSTREAM AREAS, AT THE EXPENSE OF THE CONTRACTOR.
- 9. EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL A PERMANENT COVER OF VEGETATION IS ESTABLISHED. REMOVAL OF DEVICES TO BE
- COORDINATED WITH TOWN AND LANDSCAPE ARCHITECT 10. ALL SLOPES 3H:1V OR GREATER SHALL BE STABILIZED

WITH AN EROSION CONTROL FABRIC.

11. THE CONTRACTOR WILL DESIGNATE A MEMBER OF HIS FIRM TO BE RESPONSIBLE TO MONITOR THE EROSION CONTROL, EROSION CONTROL STRUCTURES, TREE PROTECTION, AND PRESERVATION THROUGHOUT CONSTRUCTION.

 $\mathbf{B}$ 



CLEAN OUT LOW POINT HIGH POINT FINISH FLOOR ELEVATION PARCEL BOUNDARY MINOR CONTOUR ---- EDGE OF DECIDUOUS TREES AND SHRUBS BOULDER LIMITS OF WORK PROPOSED MINOR CONTOUR PROPOSED MAJOR CONTOUR PROPOSED TREE PROTECTION FENCE LIMITS OF CLEARING AND GRUBBING AREA OF CLEARING AND GRUBBING TREE REMOVAL TEMPORARY STONE CHECK DAM PROPOSED WALL

FINISH GRADE

TOP OF WALL **BOTTOM OF WALL** 

TOP OF PAVEMENT

- CONTRACTOR DURING CONSTRUCTION PROCESS SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT FOR
- 3. CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY UNEXPECTED SUBSURFACE CONDITIONS.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR POSITIVE DRAINAGE IN ALL AREAS UNLESS OTHERWISE NOTED. ALL NEWLY GRADED FOUND SURFACES SHALL BE FINISHED TO UNIFORM GRADES AND SLOPED IN SUCH A MANNER AS TO DRAIN PROPERLY AND BE FREE OF DEPRESSIONS THAT CAUSE AREAS OF STANDING WATER. THE CONTRACTOR SHALL REPORT ANY CONFLICTS WITH THIS REQUIREMENT TO THE LANDSCAPE ARCHITECT FOR RESOLUTION PRIOR TO FINAL GRADING OPERATIONS.
- 5. WHERE THE PROPOSED GRADE MEETS EXISTING, BLEND GRADE TO PROVIDE A SMOOTH TRANSITION.
- 6. ALL GRADING OPERATIONS WITHIN THE DRIPLINE OF EXISTING TREES TO REMAIN SHALL BE COMPLETE BY HAND WITH EXTREME
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL CUT AND DILL OPERATIONS AND MATERIALS NECESSARY TO ACHIEVE THE ELEVATIONS SPECIFIED ON THIS PLAN, INCLUDING THE OFF SITE DISPOSAL OF ANY EXCESS MATERIALS IN A LEGAL
- 8. ALL FILL AND BACKFILL MATERIALS MUST BE THOROUGHLY COMPACTED AS THAT ARE PLACED.
- 9. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT DISTURBANCE OF, OR DAMAGE TO, EXISTING PLANTS TO
- CONTRACTOR SHALL PROTECT FINISH GRADED AREA FROM TRAFFIC AND EROSION AND REPAIRED IN SETTLED, ERODED OR



DOCUMEN

BID

