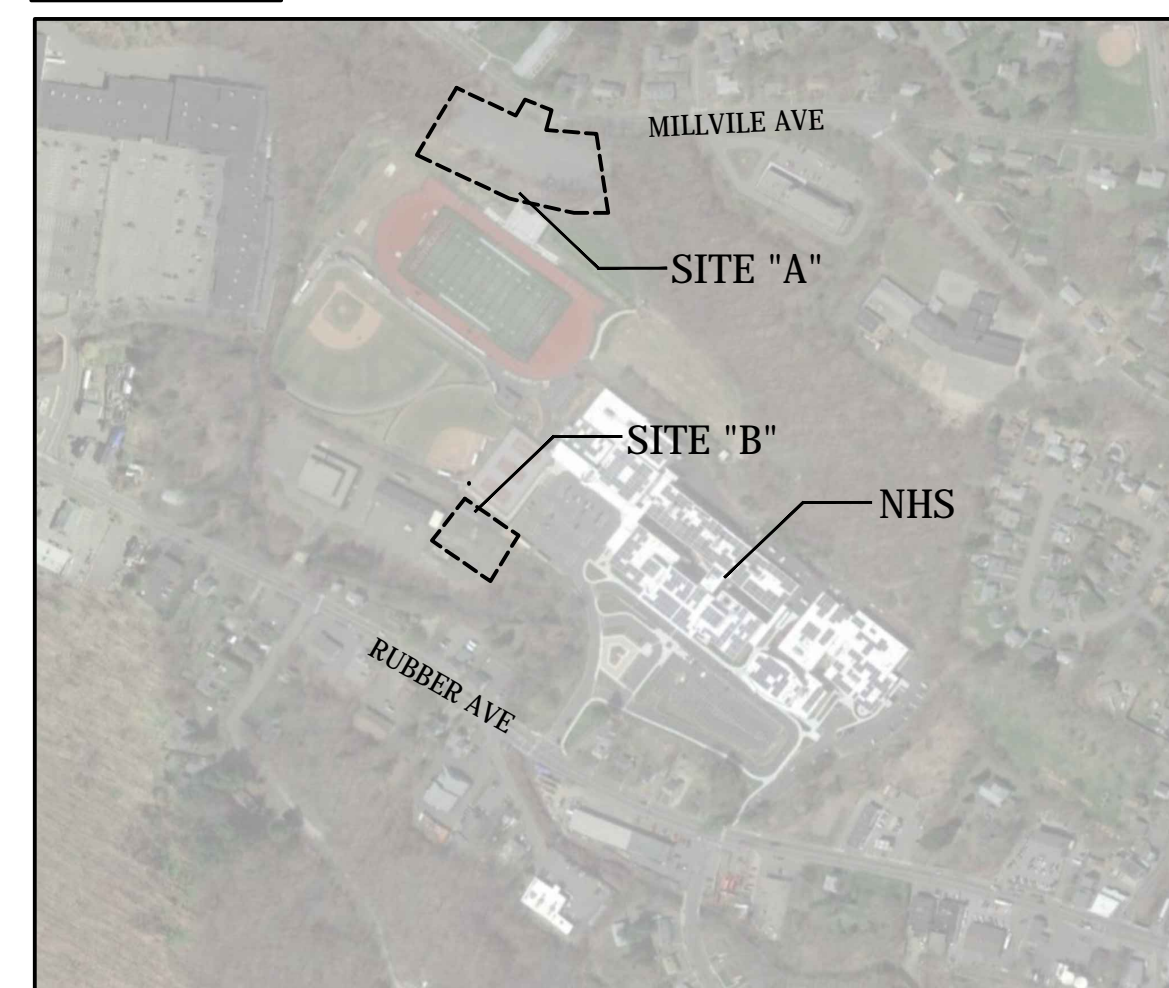


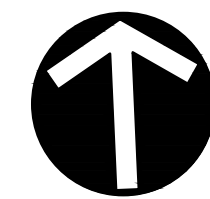
# NAUGATUCK HIGH SCHOOL PARKING LOT EXPANSION AND RELATED SITE IMPROVEMENTS

543 RUBBER AVENUE  
NAUGATUCK, CT 06770

LOCUS MAP



0 250' 500' 1000'  
SCALE: 1" = 500'-0"



MAYOR  
N. Warren "Pete" Hess III

SUPERINTENDENT OF SCHOOLS  
Sharon Locke

BUILDING COMMITTEE  
Robert Neth - Chairperson  
Cindy Herb  
Charley Marengi  
Jan Saam  
Kevin Knowles  
Wayne McAllister  
Raymond Lennon Jr.

DRAWINGS ISSUED FOR BIDDING AND CONSTRUCTION

MARCH 3, 2017

KAESTLE BOOS ASSOCIATES, INC.

KAESTLE BOOS  
associates, inc

ARCHITECTURAL, STRUCTURAL & LANDSCAPE

LANGAN - ENGINEERING & ENVIRONMENTAL SERVICES

**LANGAN**

CIVIL ENGINEER

DRAWINGS:

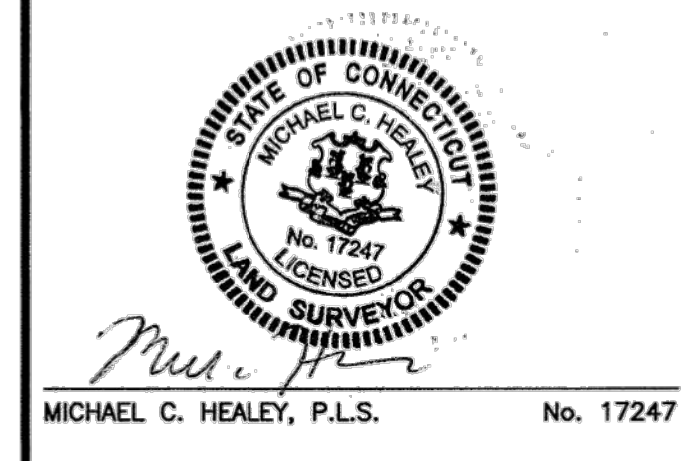
SS1.00 EXISTING CONDITIONS MAP  
SS1.01 SITE SURVEY (UPPER PARKING AREA A)  
SS1.02 SITE SURVEY (LOWER PARKING AREA B)  
L0.01 OVERALL SITE PLAN  
L1.01 SITE DEMOLITION & PREPARATION PLAN  
L2.01 SITE LAYOUT & MATERIALS PLAN  
L3.01 SITE GRADING PLAN  
L4.01 SITE PLANTING PLAN  
L5.01 SITE DETAILS  
L5.02 SITE DETAILS  
CG101 DRAINAGE PLAN  
CE101 SOIL EROSION & SEDIMENT CONTROL PLAN  
CE501 DRAINAGE, SOIL EROSION & SEDIMENT CONTROL DETAILS





REPRODUCTIONS OF THIS PLAN ARE INVALID UNLESS THEY BEAR THE EMBOSSED SEAL OF THE UNDERSIGNED PROFESSIONAL.

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.



**EXISTING CONDITIONS SURVEY**

607 RUBBER AVENUE

Situated In The  
**BOROUGH OF NAUGATUCK,  
STATE OF CONNECTICUT**

NOVEMBER 30, 2016

REVISIONS:

NO.	DATE	DESC.

FB: — DRAWN BY: BRB CHECK BY: MCH

PREPARED FOR:  
ROBERT NETH  
TOWN OF NAUGATUCK  
BUILDING COMMITTEE  
NAUGATUCK, CT 06770

**BSC GROUP**

300 Winding Brook Drive  
Glastonbury, CT 06033  
860 652 8227

© 2016 BSC Group, Inc.  
SCALE: 1" = 30'  
0 15 30 60 feet

FILE: P:\8349303\SURVEY\DRAWINGS  
DWG. NO: 8349303 2016-1122-xcp mch  
JOB. NO: 83493.03 | SHEET BND-1.1

ISSUE DATE

DATE	DESCRIPTION
MARCH 3, 2017	DRAWINGS ISSUED FOR BIDDING & CONSTRUCTION PURPOSES

REVISION DATE

Date	No.	Description

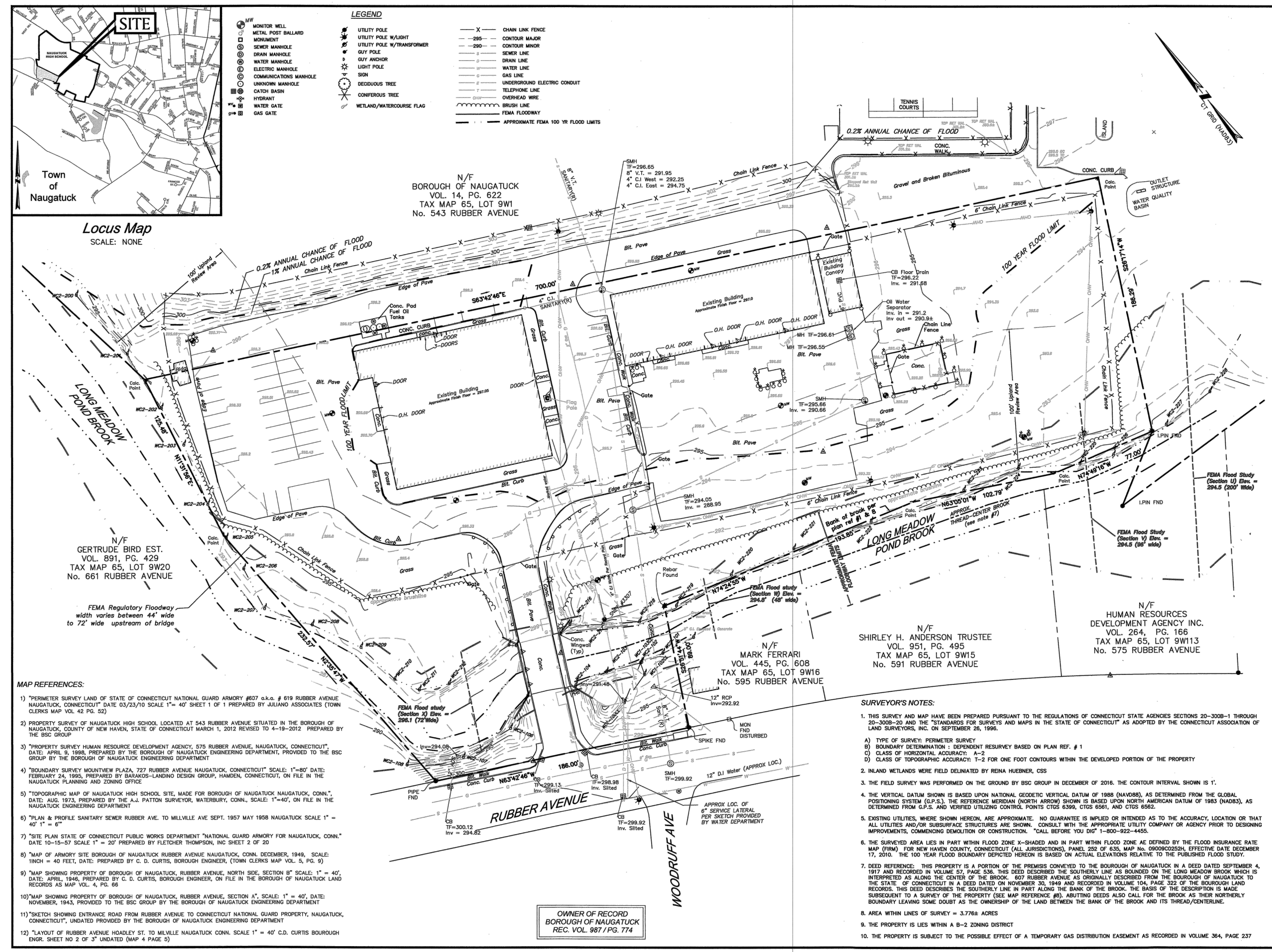
FOR ALL ABBREVIATIONS, SYMBOL LEGENDS, AND GENERAL NOTES SEE SHEET R0.01

**NAUGATUCK HIGH SCHOOL PARKING LOT EXPANSION & RELATED SITE IMPROVEMENTS**

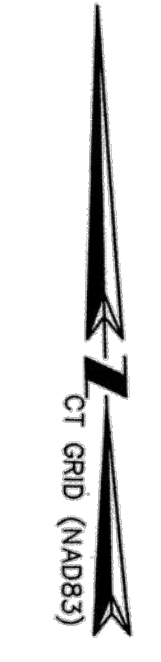
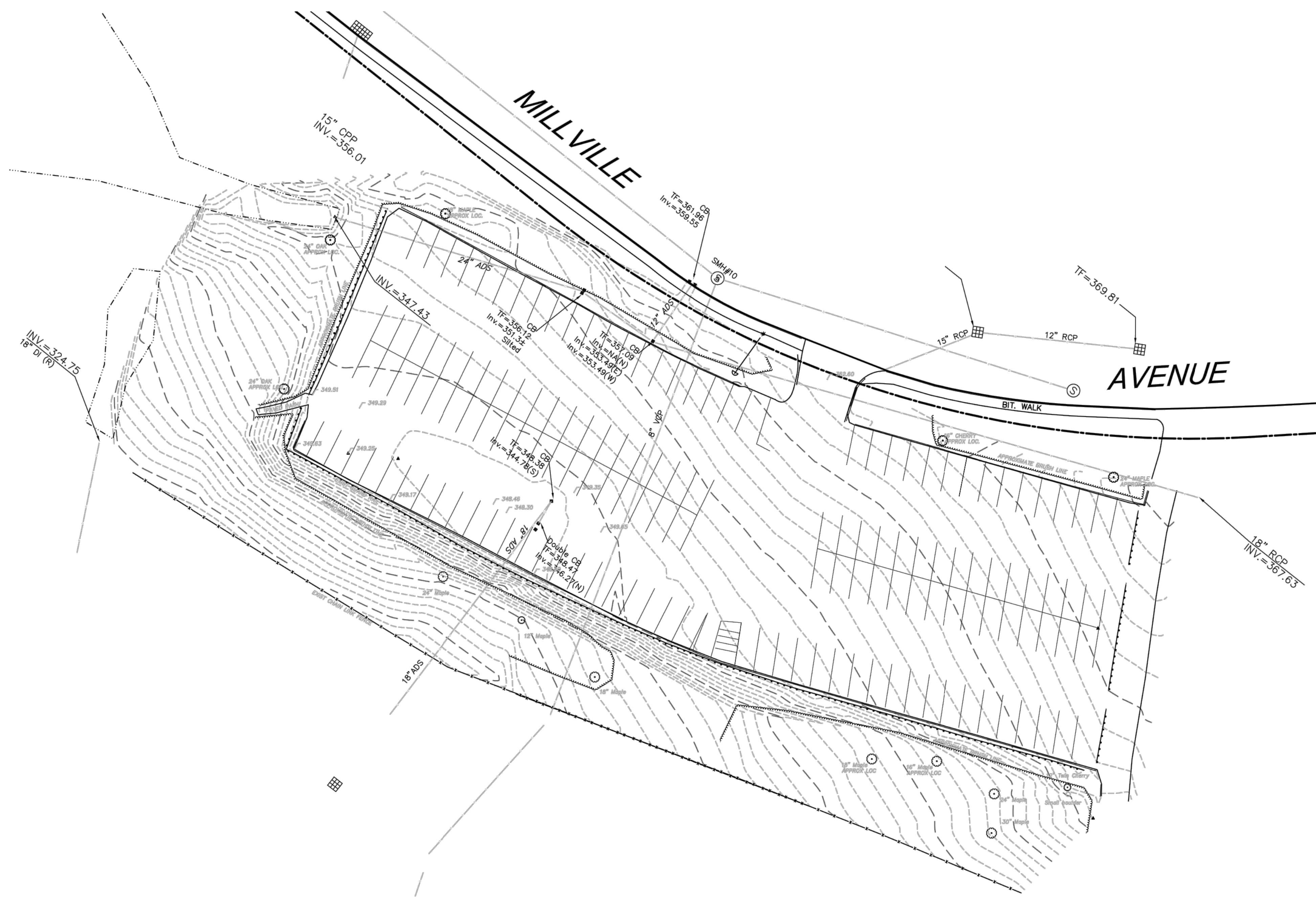
543 RUBBER AVENUE NAUGATUCK, CT 06770

**SITE SURVEY (LOWER PARKING AREA B)**

DRAWING NO.:  
**SS1.02**



OWNER OF RECORD  
BOROUGH OF NAUGATUCK  
REC. VOL. 987 / PG. 774



FB: — DRAWN BY: BRB | CHECK BY: MCH

PREPARED FOR:  
 ROBERT NETH  
 TOWN OF NAUGATUCK  
 BUILDING COMMITTEE  
 NAUGATUCK, CT 06770

**BSC GROUP**

300 Winding Brook Drive  
 Glastonbury, CT 06033  
 860 652 8227

© 2016 BSC Group, Inc.  
 SCALE: 1" = 30'

**KAESTLE BOOS**  
 associates, inc

416 Slater Road, P.O. Box 2590, New Britain, CT 06050-2590  
 Phone: 860-229-0361 A. Fax: 860-229-5303

325 Foxborough Boulevard, Suite 100, Foxborough, MA 02035  
 Phone: 508-549-9906 A. Fax: 508-549-9907

Email: kba@kba-architects.com A. Web: www.kba-architects.com



ISSUE DATE	
DATE	DESCRIPTION
MARCH 3, 2017	DRAWINGS ISSUED FOR BIDDING & CONSTRUCTION PURPOSES

REVISION DATE		
Date	No.	Description

FOR ALL ABBREVIATIONS, SYMBOL LEGENDS,  
 AND GENERAL NOTES SEE SHEET R0.01



**NAUGATUCK  
 HIGH SCHOOL  
 PARKING LOT  
 EXPANSION  
 & RELATED SITE  
 IMPROVEMENTS**

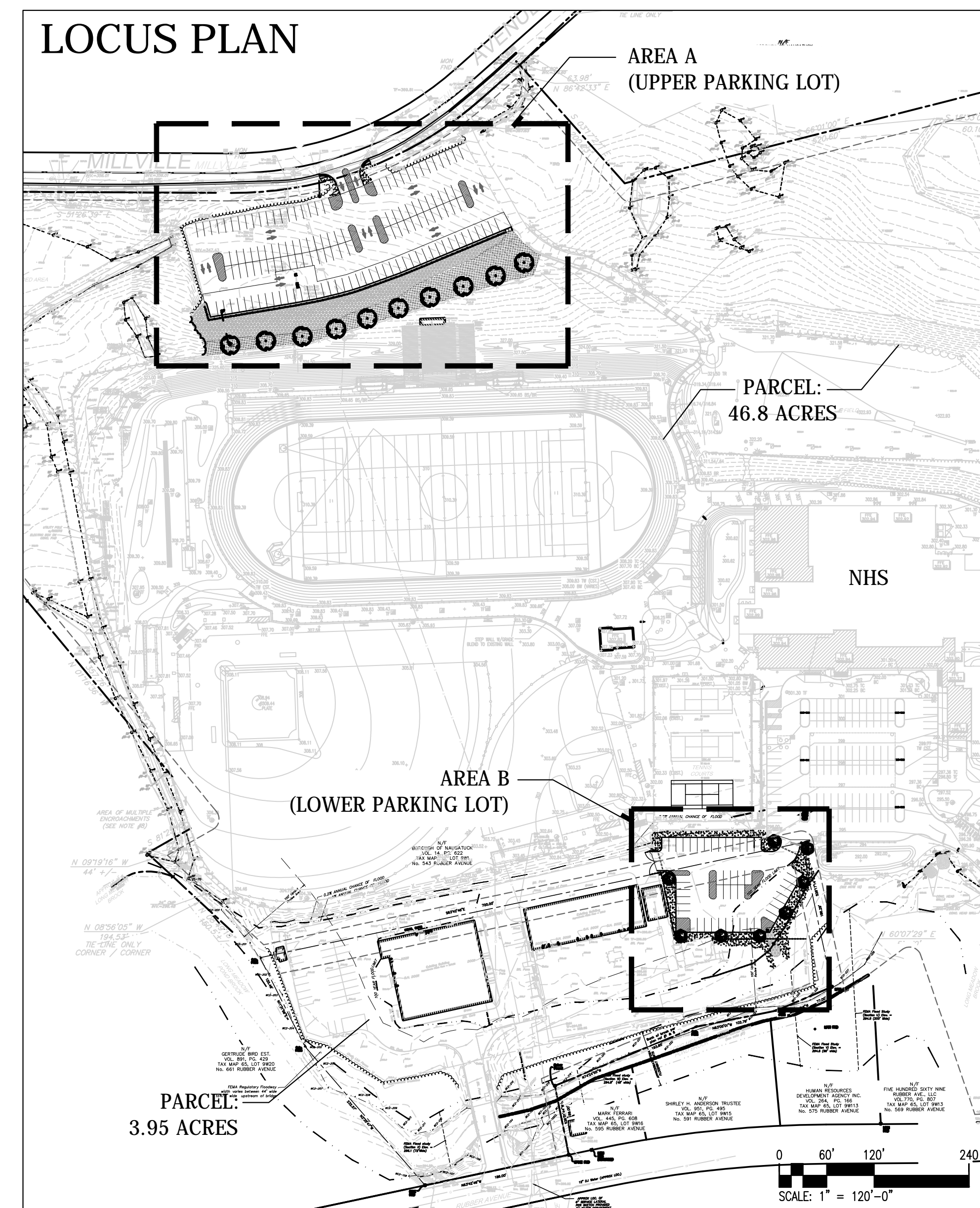
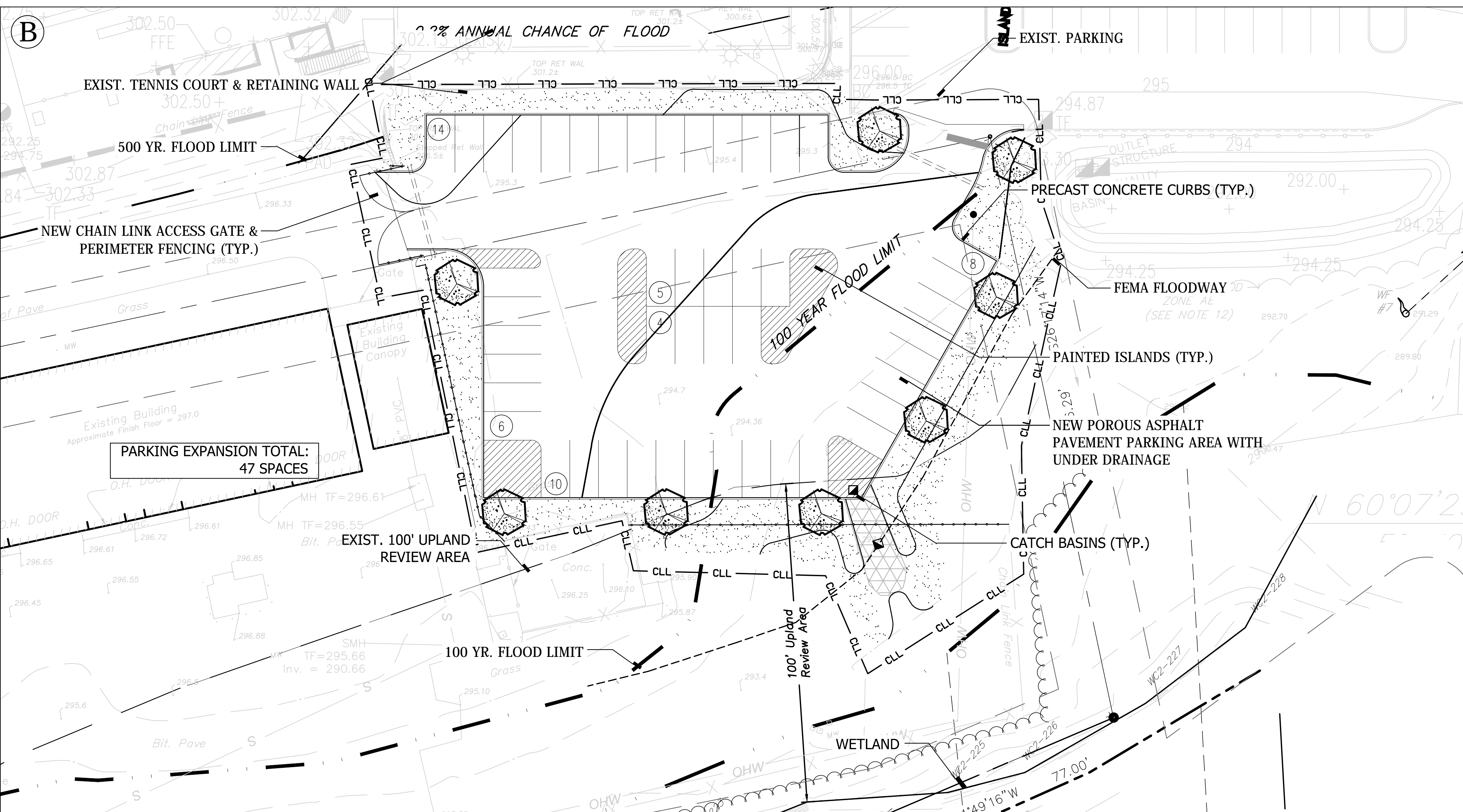
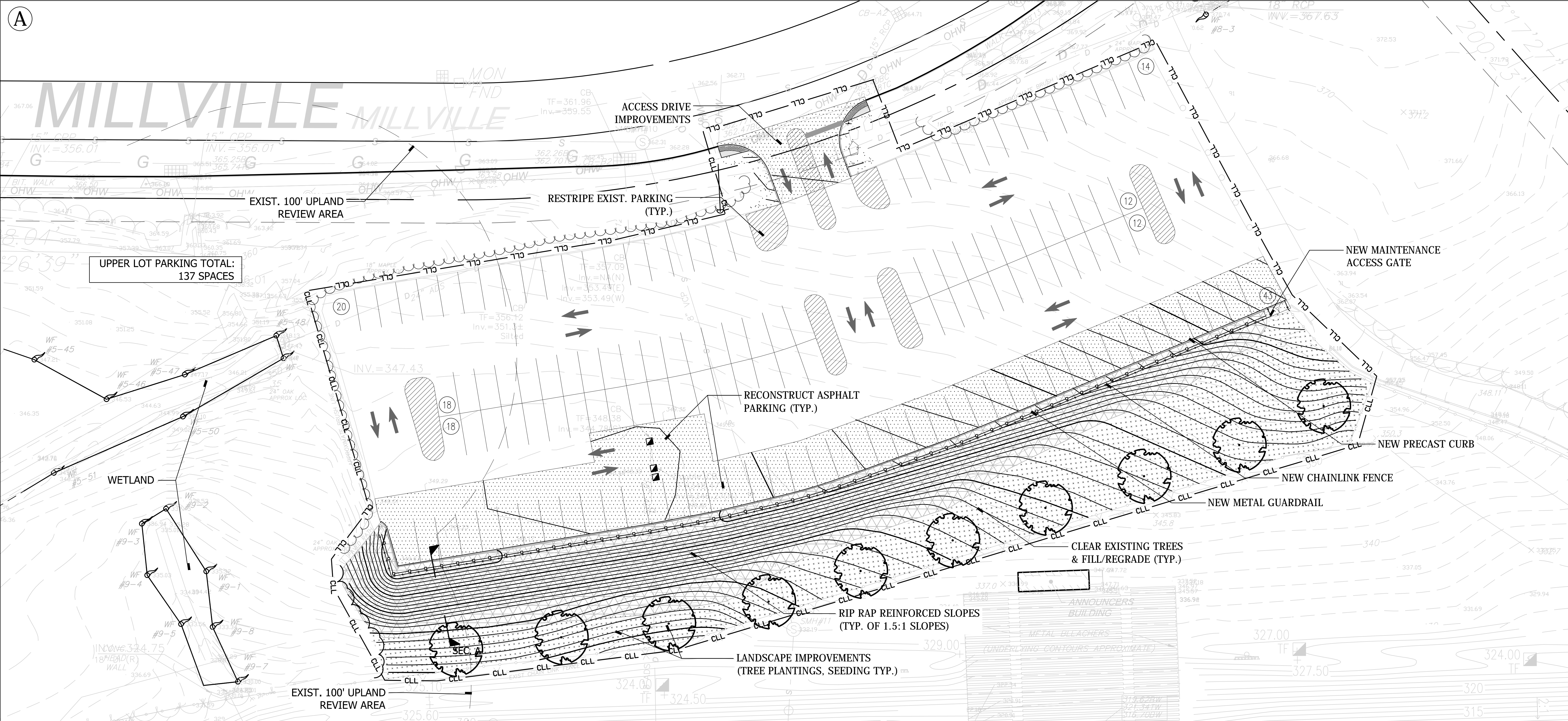


543 RUBBER AVENUE NAUGATUCK, CT  
 06770

PROJECT NO.: 16058.00 & 16059.00 DRAWN BY:

**SITE SURVEY  
 (UPPER PARKING  
 AREA A)**

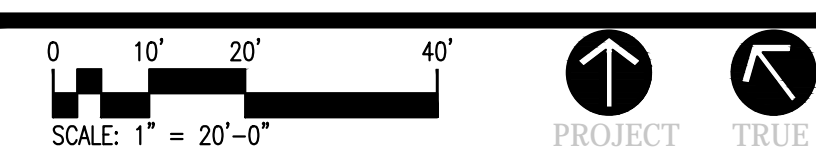
DRAWING NO.:  
**SS1.01**



ISSUE DATE	
DATE	DESCRIPTION
MARCH 3, 2017	DRAWINGS ISSUED FOR BIDDING & CONSTRUCTION PURPOSES

REVISION DATE		
Date	No.	Description

FOR ALL ABBREVIATIONS, SYMBOL LEGENDS, AND GENERAL NOTES SEE SHEET R0.01

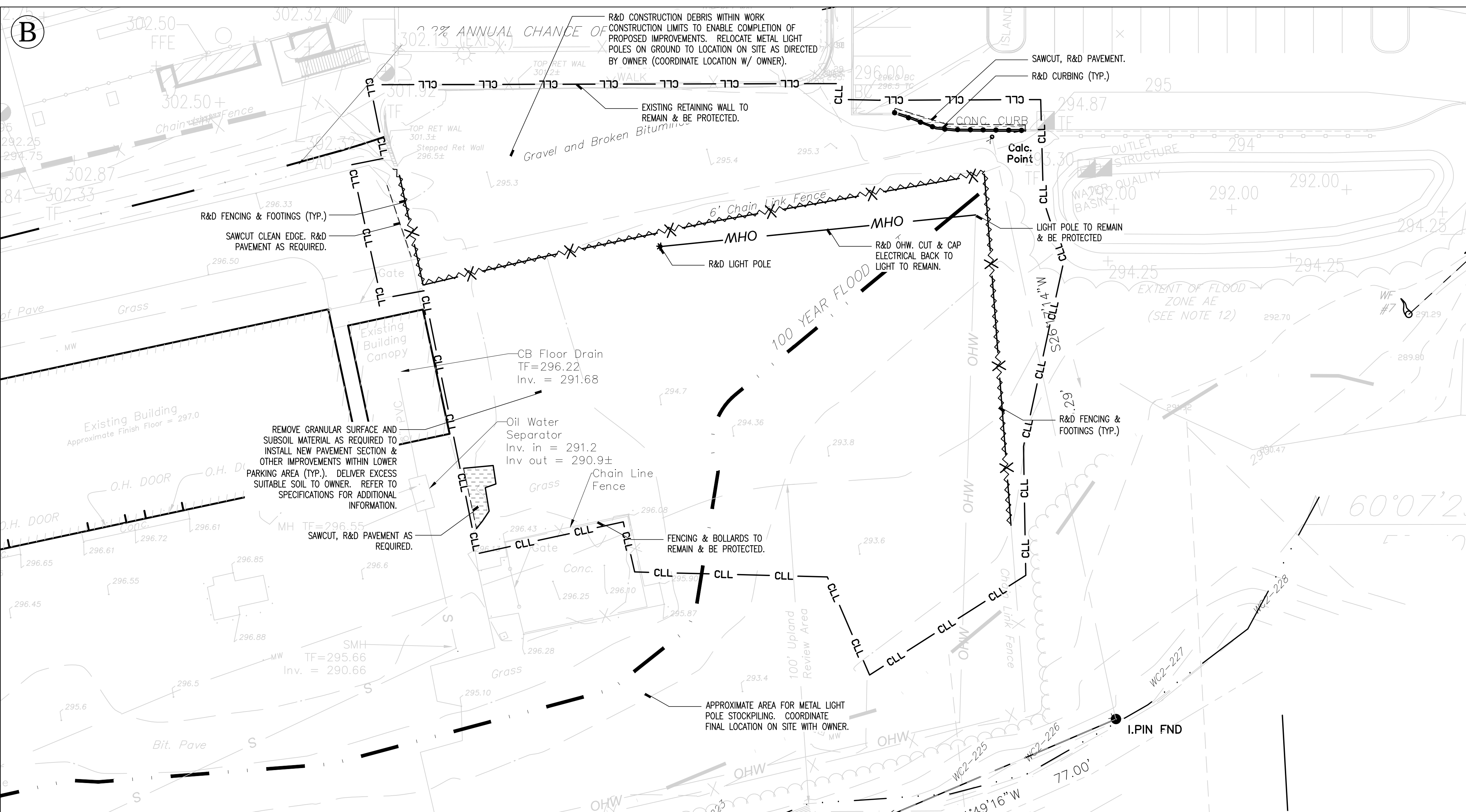
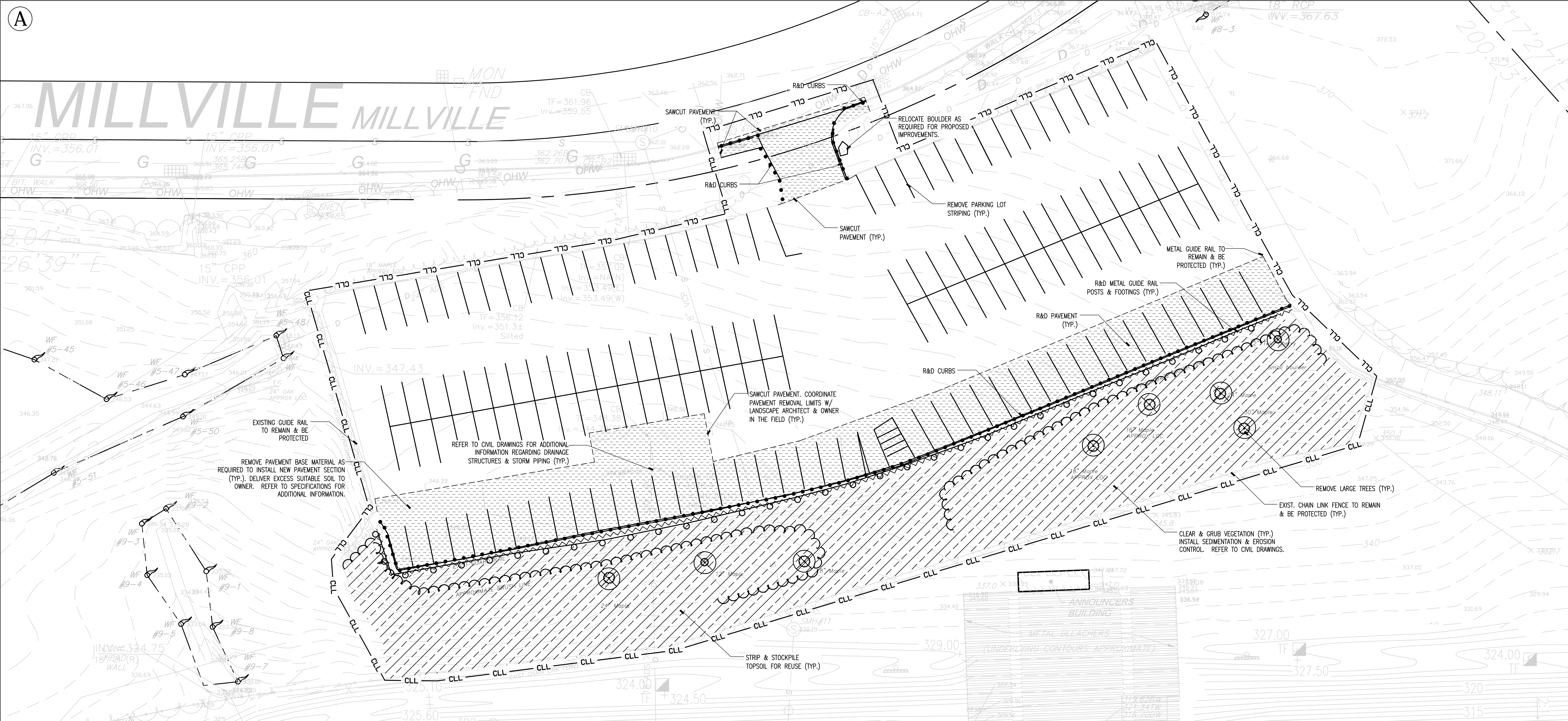


**NAUGATUCK HIGH SCHOOL PARKING LOT EXPANSION & RELATED SITE IMPROVEMENTS**

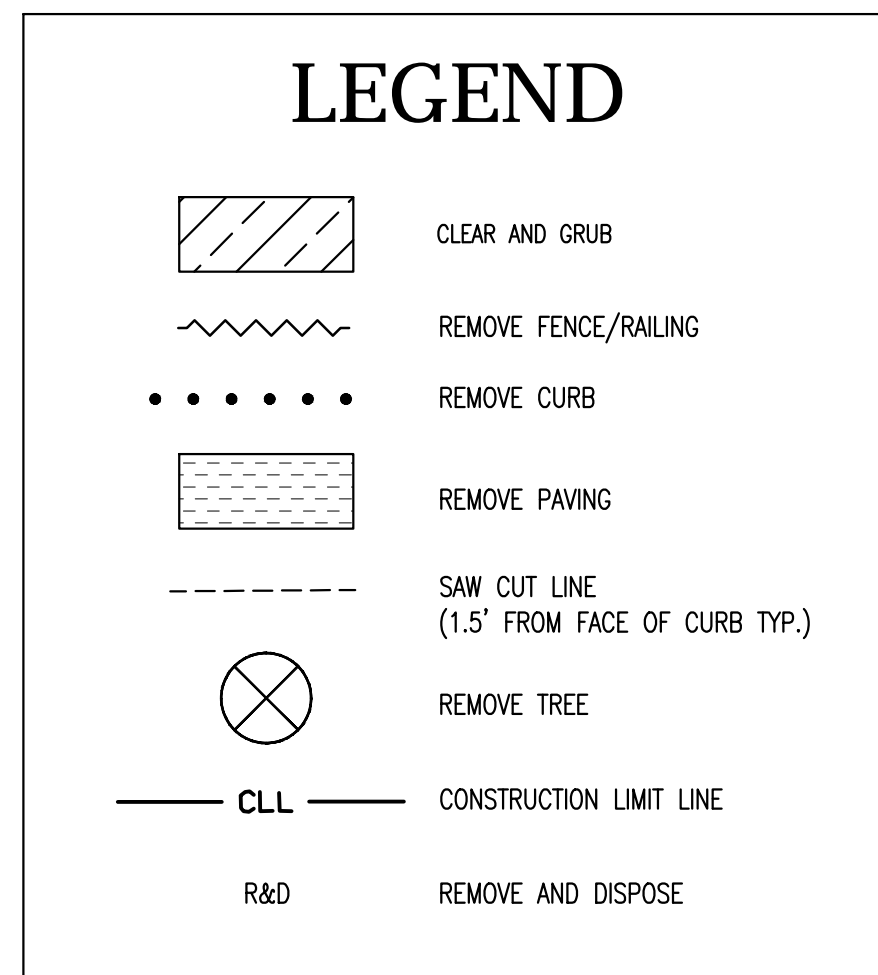
543 RUBBER AVENUE NAUGATUCK, CT 06770

PROJECT NO.: 16058.00 & 16059.00 DRAWN BY: BSW

**OVERALL SITE PLAN**



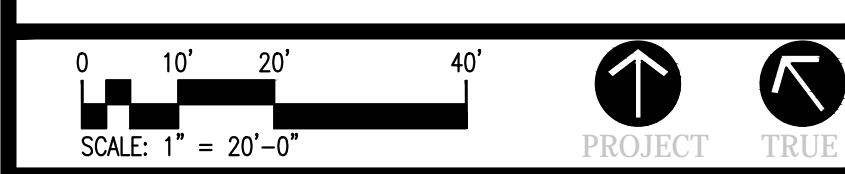
- ### NOTES
1. AREAS OF EXISTING VEGETATION TO REMAIN SHALL BE PROTECTED THROUGHOUT CONSTRUCTION. REVIEW ACTUAL LIMITS OF CLEARING WITH THE OWNER/ARCHITECT, AND SELECTIVELY CLEAR AND PRUNE AS REQUIRED TO REMOVE DEAD, DISEASED, OR POORLY FORMED VEGETATION.
  2. STRIP AND STOCKPILE TOPSOIL.
  3. REMOVE ALL PAVEMENTS TO THEIR FULL DEPTHS.
  4. COORDINATE ALL UTILITY DEMOLITION OPERATIONS WITH OWNER. MAINTAIN SYSTEMS IN OPERATION AS REQUIRED.
  5. COORDINATE DEMOLITION LIMITS WITH PROPOSED IMPROVEMENTS.
  6. ADDITIONAL UTILITY DEMOLITION INFORMATION IS NOTED ON CIVIL DRAWINGS.
  7. ALL TREE CLEARING LIMITS SHALL BE FLAGGED IN THE FIELD AND BY PROJECT LANDSCAPE ARCHITECT AND TOWN ARBORIST/STAFF AND SOIL SCIENTIST.



ISSUE DATE	
DATE	DESCRIPTION
MARCH 3, 2017	DRAWINGS ISSUED FOR BIDDING & CONSTRUCTION PURPOSES

REVISION DATE		
Date	No.	Description

FOR ALL ABBREVIATIONS, SYMBOL LEGENDS, AND GENERAL NOTES SEE SHEET R0.01

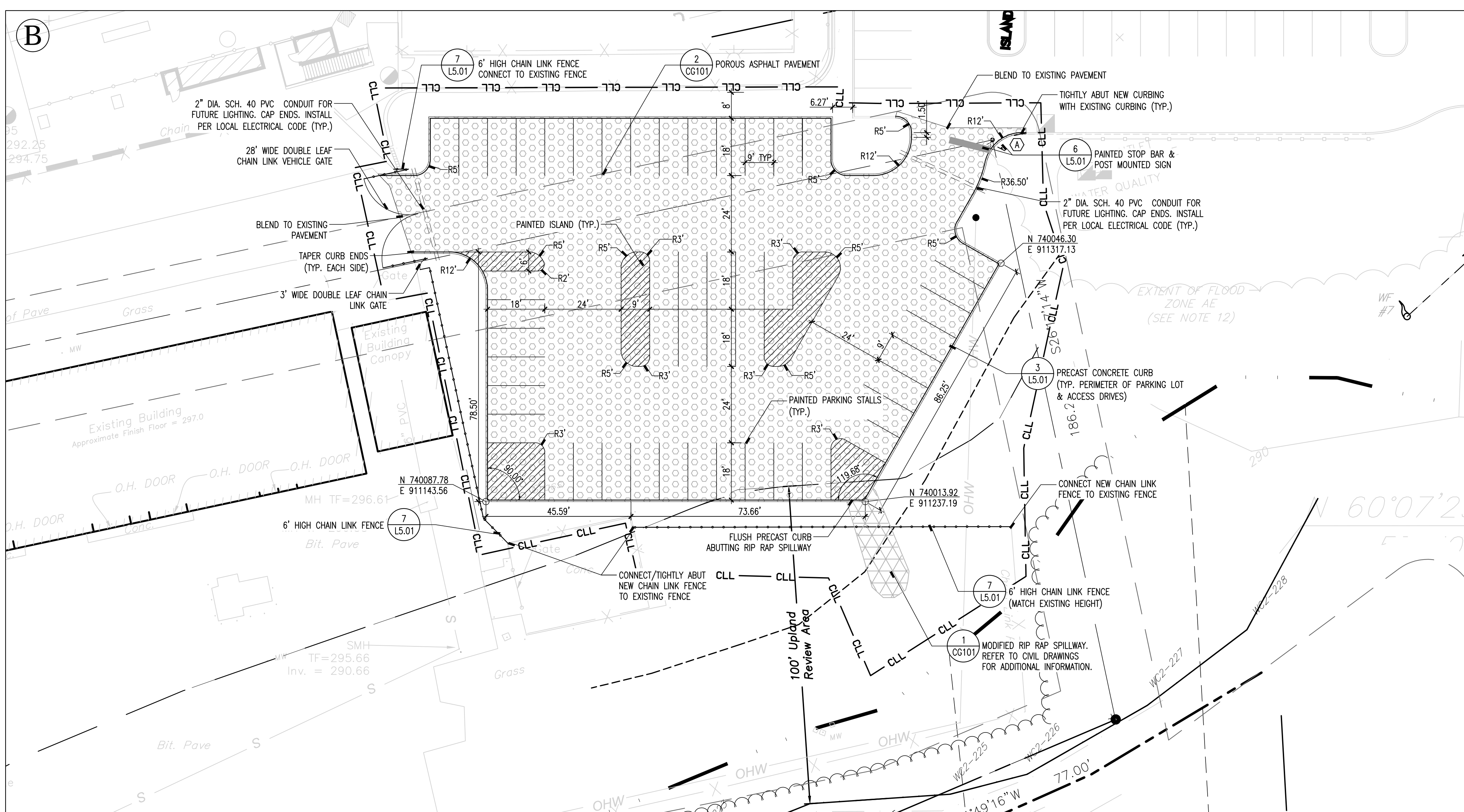
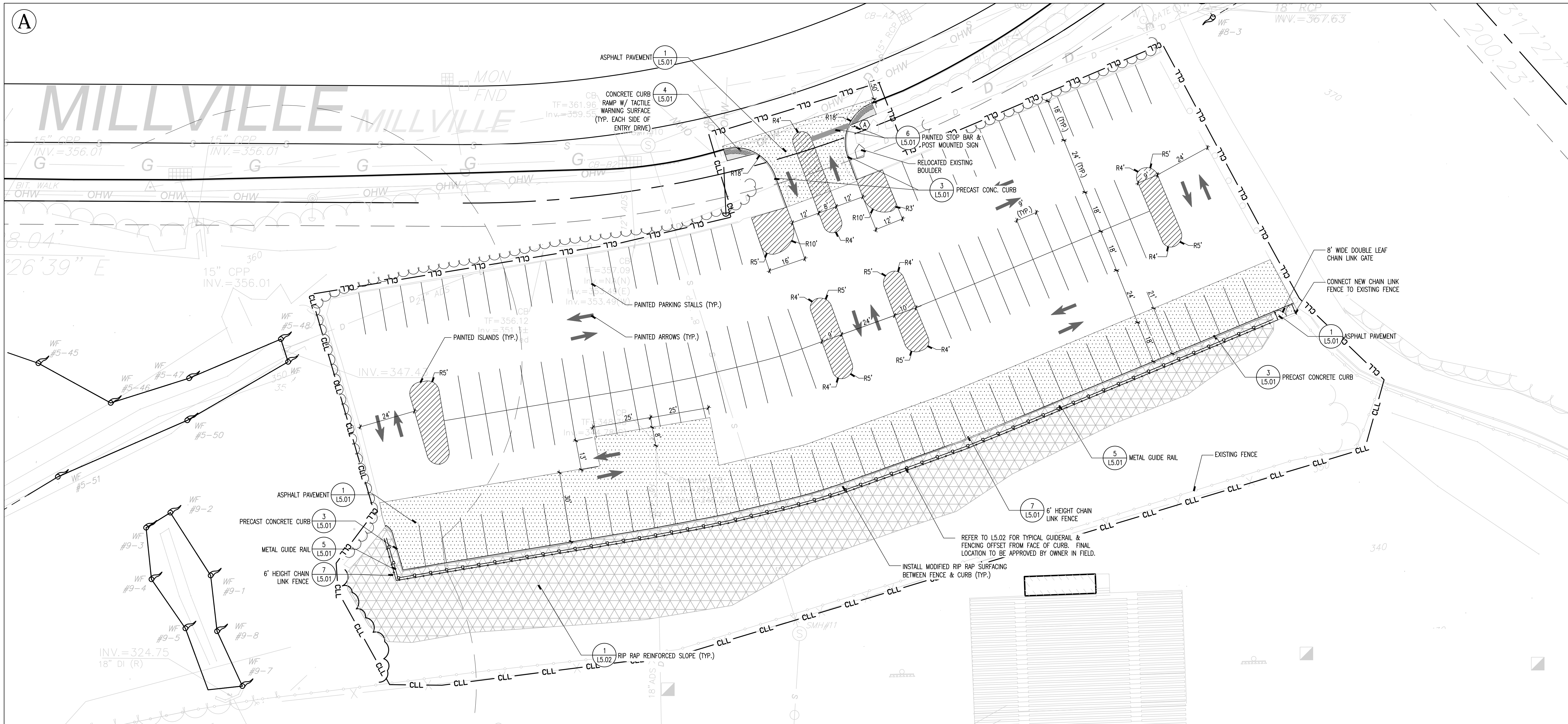


**NAUGATUCK HIGH SCHOOL PARKING LOT EXPANSION & RELATED SITE IMPROVEMENTS**
  
  
 543 RUBBER AVENUE NAUGATUCK, CT 06770

PROJECT NO.: 16058.00 & 16059.00 DRAWN BY: BSW

## SITE DEMOLITION & PREPARATION PLAN

DRAWING NO.:  
**L1.01**



**NOTES**

- LAYOUT INFORMATION IS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL LAYOUT INFORMATION. BRING ANY DISCREPANCIES TO THE ARCHITECT'S ATTENTION FOR REVIEW AND CLARIFICATION.
- ALL RADII ARE 5' UNLESS OTHERWISE NOTED.

**LEGEND**

	PROPERTY LINE
	CONSTRUCTION LIMIT LINE
	RADIAL DIMENSION
	LINEAR DIMENSION
	ANGULAR DIMENSION
	DETAIL REFERENCE TAG
	SHEET #
	CONCRETE PAVING
	COMPOSITE DETECTABLE WARNING SURFACE (SEE SPECIFICATIONS)
	MODIFIED RIP RAP SURFACING
	ASPHALT PAVEMENT
	POROUS ASPHALT PAVEMENT
	POST MOUNTED SIGN
	SIGN POST
	PRECAST CONCRETE CURBING
	GATES
	FENCING
	METAL GUIDE RAIL (CDOT)
	CONDUIT FOR FUTURE LIGHTING

**KAESTLE BOOS**  
associates, inc

416 Slater Road, P.O. Box 2590, New Britain, CT 06050-2590  
Phone: 860-229-0361 A. Fax: 860-229-5303

325 Foxborough Boulevard, Suite 100, Foxborough, MA 02035  
Phone: 508-549-9906 A. Fax: 508-549-9907

Email: kba@kba-architects.com A Web: www.kba-architects.com



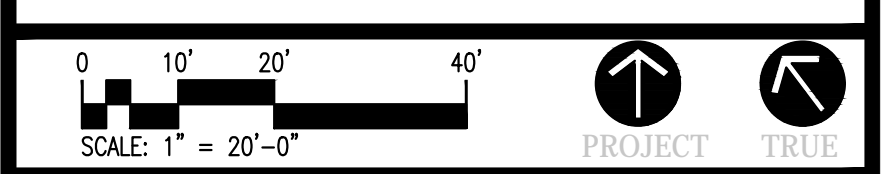
**ISSUE DATE**

DATE	DESCRIPTION
MARCH 3, 2017	DRAWINGS ISSUED FOR BIDDING & CONSTRUCTION PURPOSES

**REVISION DATE**

Date	No.	Description

FOR ALL ABBREVIATIONS, SYMBOL LEGENDS, AND GENERAL NOTES SEE SHEET R0.01



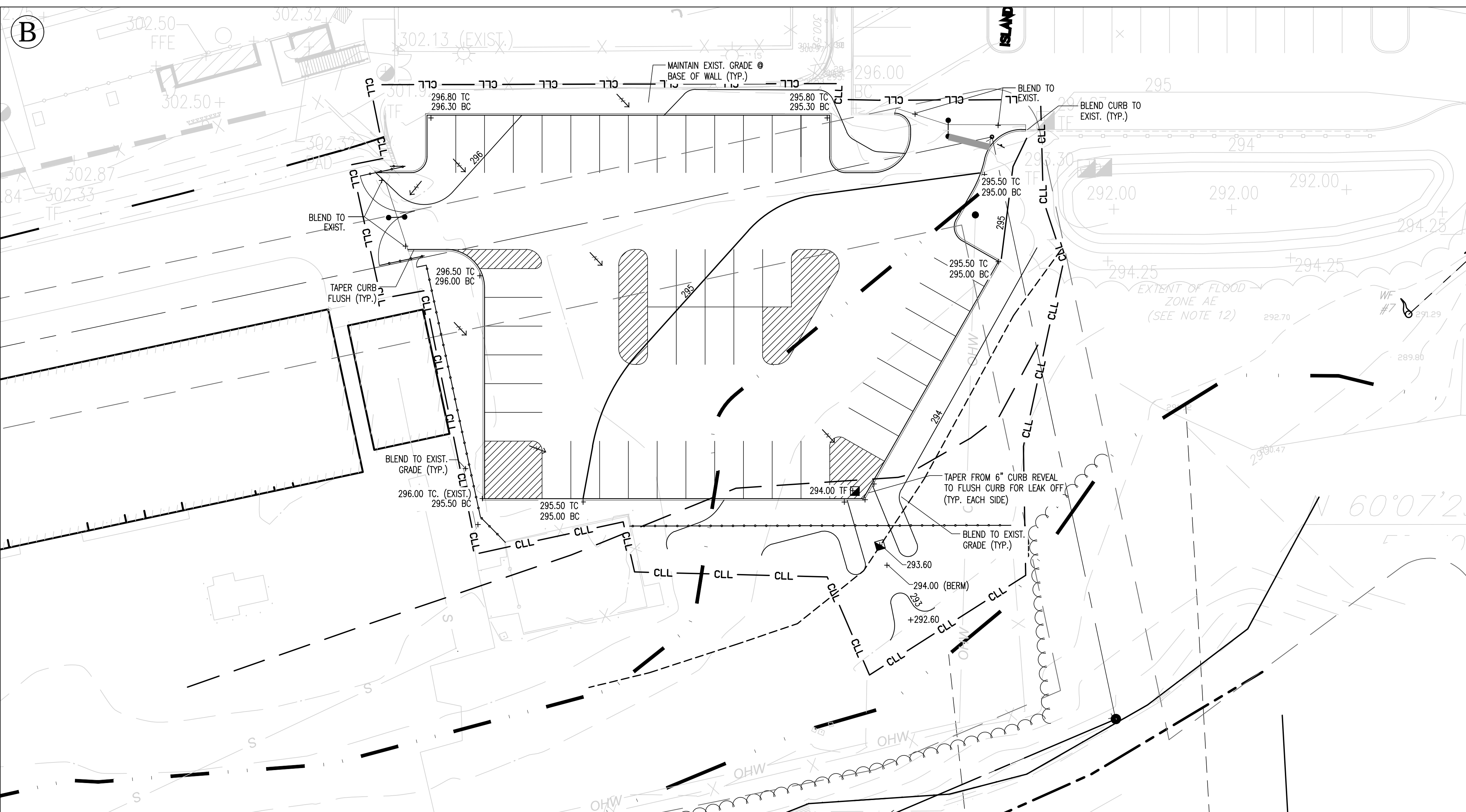
**NAUGATUCK HIGH SCHOOL PARKING LOT EXPANSION & RELATED SITE IMPROVEMENTS**

543 RUBBER AVENUE NAUGATUCK, CT 06770

PROJECT NO.: 16058.00 & 16059.00 DRAWN BY: BSW

**SITE LAYOUT & MATERIALS PLAN**

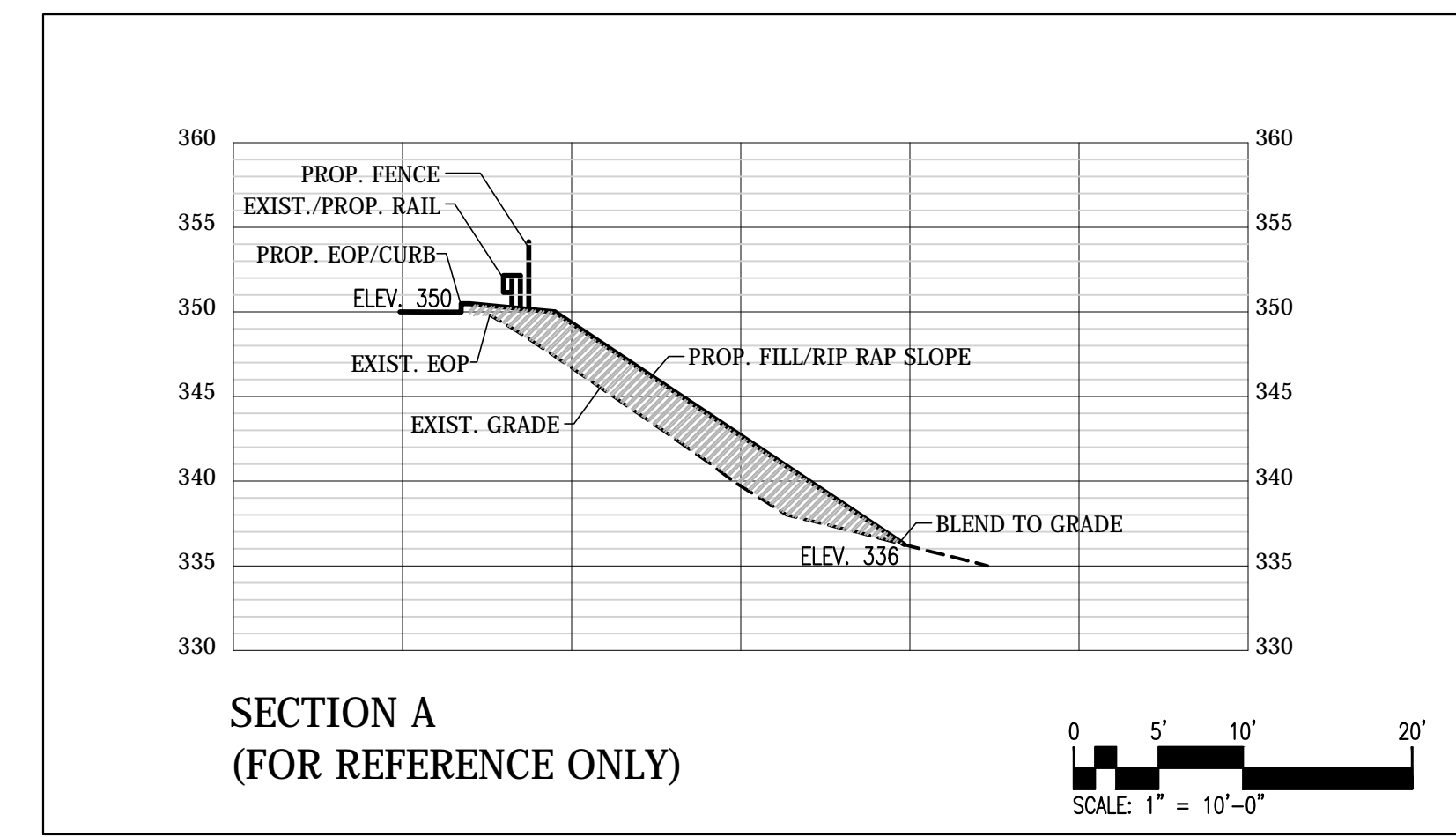
DRAWING NO.: **L2.01**



- ### NOTES
- BEFORE STARTING EACH PORTION OF THE WORK, THE CONTRACTOR SHALL COMPARE THE EXISTING CONDITIONS SHOWN ON THE DRAWINGS, WITH ACTUAL FIELD CONDITIONS. THE CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY DISCREPANCIES, IN WRITING, COMMENCEMENT OF WORK IN ANY AREA SIGNIFIES ACCEPTANCE OF EXISTING CONDITIONS SHOWN ON THE DRAWINGS AS BEING SUBSTANTIALLY CORRECT.
  - SEE CIVIL DRAWINGS FOR ALL SITE DRAINAGE INFORMATION. "L" SERIES GRADING PLANS ARE FOR SITE GRADING ONLY. REFER TO CIVIL DRAWINGS FOR CB, YD & MH ELEVATIONS.
  - SMOOTHLY BLEND ALL PROPOSED GRADES TO EXISTING CONDITIONS. ROUND OFF TOP AND TOE OF ALL SLOPES.
  - MAINTAIN DRAINAGE PATTERNS TO EXISTING DRAINAGE SYSTEMS UNLESS NOTED OTHERWISE.
  - CONTRACT LIMIT LINE IS COINCIDENT WITH PROPERTY LINE UNLESS NOTED OTHERWISE.
  - PAVED WALKS NOT TO EXCEED 5% MAXIMUM SLOPE OR 2% CROSS PITCH UNLESS SPECIFICALLY NOTED OTHERWISE.
  - ALL EXPANSION JOINTS AND SCORE JOINTS SHALL BE FLUSH UNLESS NOTED OTHERWISE.
  - ALL TREE CLEARING LIMITS SHALL BE FLAGGED IN THE FIELD AND BY PROJECT LANDSCAPE ARCHITECT AND TOWN ARBORIST/STAFF.
  - STABILIZE STEEP SLOPES. REFER TO CE101.
  - REFER TO CG101 FOR ADDITIONAL POROUS PAVEMENT SURFACE & SUBGRADE INFORMATION.

### LEGEND

	EXISTING CONTOUR
	PROP. INTERMEDIATE CONTOUR (1' INT.)
	PROP. INTERVAL CONTOUR (5' INT.)
	SPOT ELEVATION
	FLUSH CONDITION
	CATCH BASIN
	AREA/YARD DRAIN
	DRAINAGE ARROW
	BW BOTTOM OF WALL
	TW TOP OF WALL
	BC BOTTOM OF CURB
	TC TOP OF CURB
	TF TOP OF FRAME
	HP HIGH POINT
	LP LOW POINT
	YD YARD DRAIN
	CB CATCH BASIN
	CST CONSISTENT



**KAESTLE BOOS**  
associates, inc

416 Slater Road, P.O. Box 2590, New Britain, CT 06050-2590  
Phone: 860-229-0361 A. Fax: 860-229-5303

325 Foxborough Boulevard, Suite 100, Foxborough, MA 02035  
Phone: 508-549-9906 A. Fax: 508-549-9907

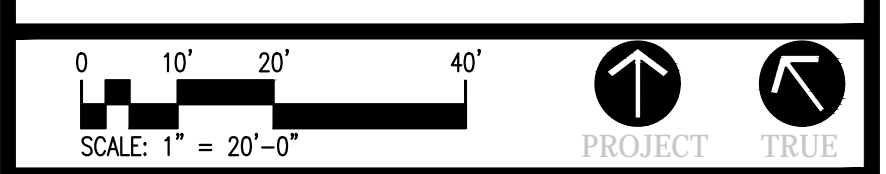
Email: kba@kba-architects.com A Web: www.kba-architects.com



ISSUE DATE	
DATE	DESCRIPTION
MARCH 3, 2017	DRAWINGS ISSUED FOR BIDDING & CONSTRUCTION PURPOSES

REVISION DATE		
Date	No.	Description

FOR ALL ABBREVIATIONS, SYMBOL LEGENDS, AND GENERAL NOTES SEE SHEET R0.01



**NAUGATUCK HIGH SCHOOL PARKING LOT EXPANSION & RELATED SITE IMPROVEMENTS**

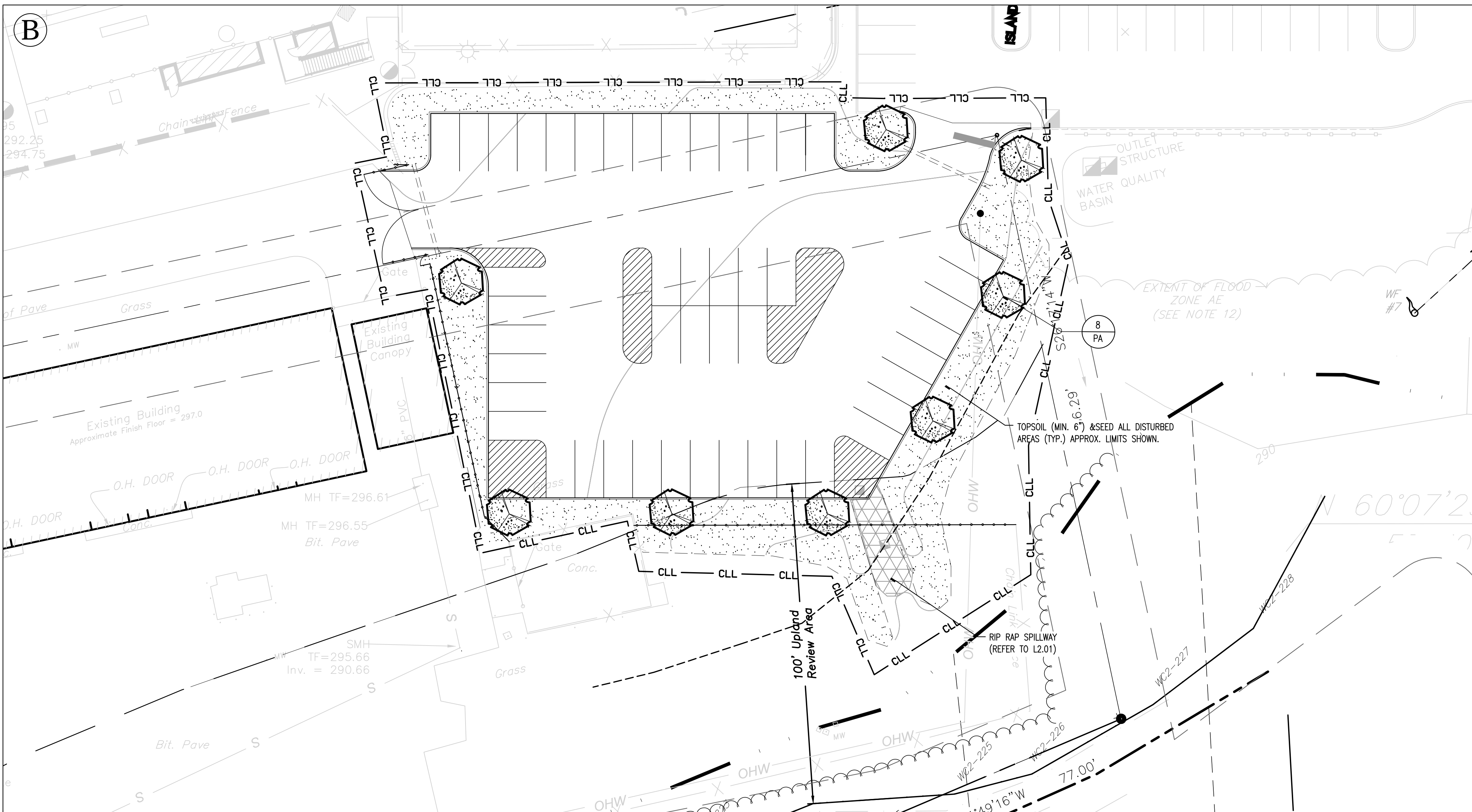
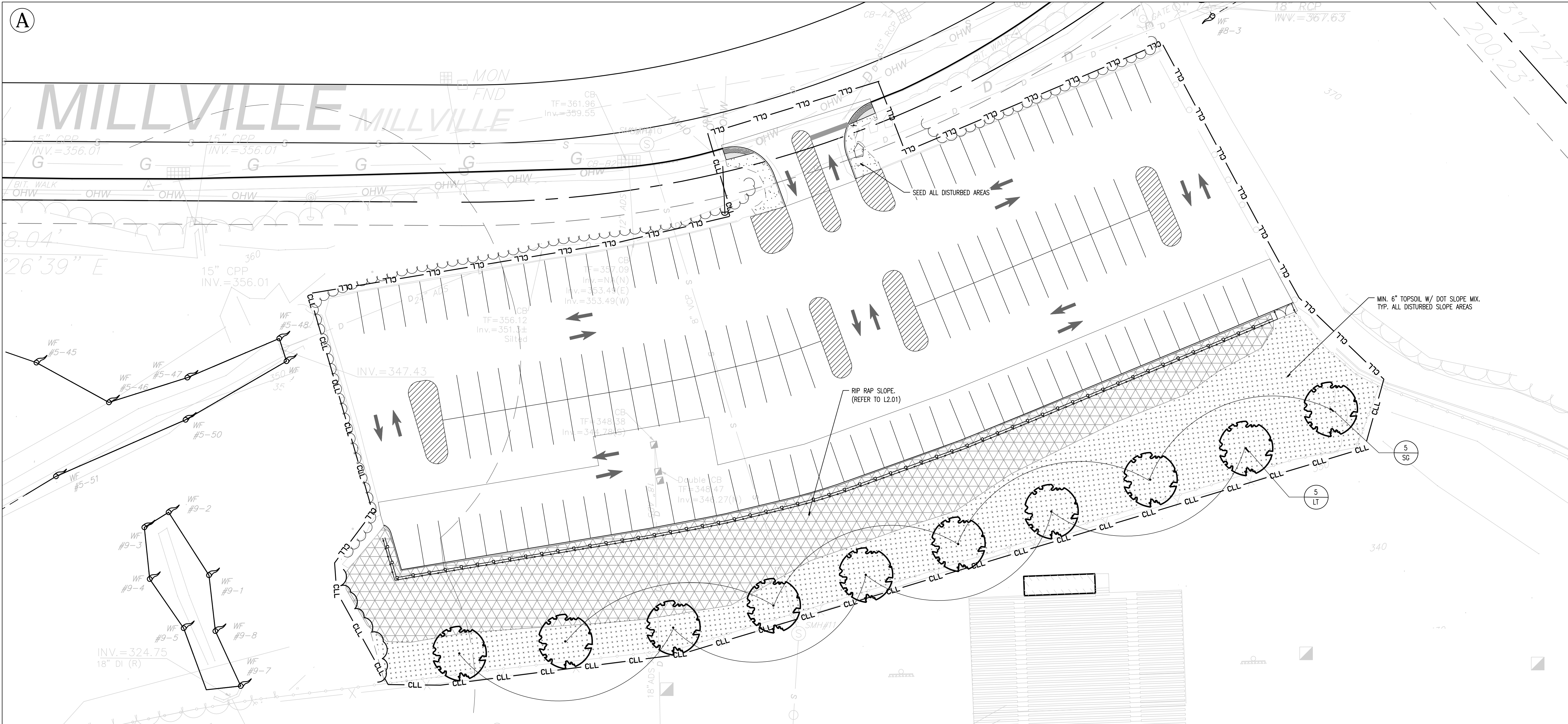
543 RUBBER AVENUE NAUGATUCK, CT 06770

PROJECT NO.: 16058.00 & 16059.00 DRAWN BY: BSW

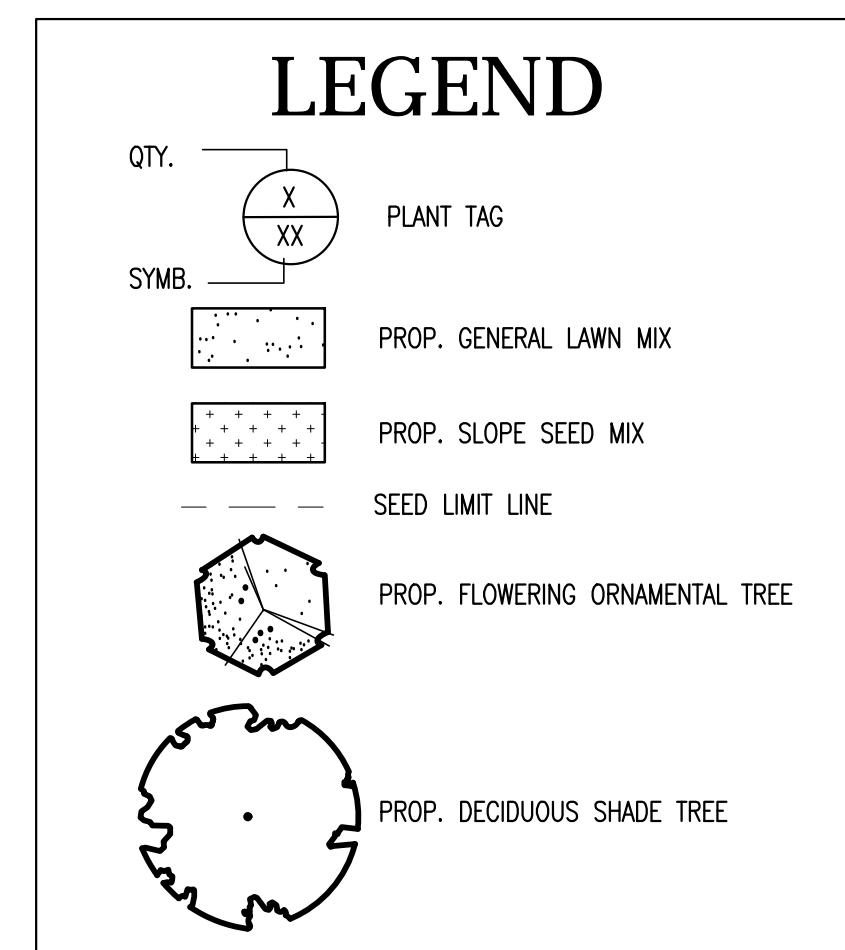
## SITE GRADING PLAN

DRAWING NO.: **L3.01**





- ### NOTES
1. ALL EXTERIOR GROUND AREAS DISTURBED BY CONSTRUCTION AND NOT COVERED BY BUILDINGS, STRUCTURES, PAVING, CONTINUOUS PLANTING BEDS OR OTHER SITE IMPROVEMENTS SHALL BE GRADED, TOPSOILED TO A MINIMUM DEPTH OF 6" AND GRASS SEED.
  2. ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE REQUIREMENTS OF THE CONNECTICUT ASSOCIATION OF LANDSCAPE CONTRACTORS SPECIFICATIONS AND THE AMERICAN ASSOCIATION OF NURSERYMEN'S STANDARDS FOR NURSERY STOCK.
  3. ALL TREE STAKING OR GUYING SHALL BE DONE IMMEDIATELY AFTER PLANTING, BUT IN NO INSTANCE MORE THAN 24 HOURS AFTER PLANTING. SEE STAKING/GUYING DETAIL. AT COMPLETION OF MAINTENANCE PERIOD REMOVE ALL STAKES, FLAGS, GUYS, TREE WRAP, AND ANCHORS.
  4. MULCH ALL NEW SHRUB BEDS AND PLANT PITS TO ACHIEVE A 3" DEPTH (AFTER SETTLEMENT). MULCH ALL GROUND COVER BEDS TO ACHIEVE A 2" DEPTH (AFTER SETTLEMENT). MULCH FOR SAUCERS AND PLANTING AREAS TO BE A DOUBLE SHREDDED BARK MULCH.
  5. ALL LAWN AND PLANTING AREA SOIL PREPARATION SHALL BE FERTILIZED AND AMENDED ACCORDING TO RECOMMENDATIONS OF A SOIL ANALYSIS PROVIDED BY AN APPROVED SOIL TESTING LABORATORY.
  6. SEE SPECIFICATIONS FOR LAWN AREA SEED MIXTURE.
  7. PROVIDE LAWN DEVELOPMENT IN ALL AREAS OF SELECTIVE CLEARING AS DIRECTED.
  8. FINAL LOCATION OF PLANT MATERIAL TO BE APPROVED BY LANDSCAPE ARCHITECT IN THE FIELD.
  9. THE PLANT LIST APPEARS ON THE DRAWINGS FOR THE CONTRACTOR'S INFORMATION ONLY AND NO GUARANTEE IS EXPRESSED OR IMPLIED THAT QUANTITIES THEREIN ARE CORRECT OR THAT THE LIST IS COMPLETE. CONTRACTOR SHALL GUARANTEE THAT ALL PLANT MATERIALS SHOWN ON THE DRAWINGS ARE INCLUDED IN THE FINAL PROJECT. THE SUBMISSION OF A BID BY THE CONTRACTOR ACKNOWLEDGES THAT THE PLANT MATERIAL TYPES AND SIZES SHOWN ON THE CONTRACT DOCUMENTS ARE AVAILABLE.



### PLANTING LIST

CODE	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<b>TREES</b>					
LT	5	LIRIODENDRON TULIPIFERA	TULIP TREE	2"-2 1/2" CAL.	B+B
PA	8	PRUNUS SUBHIRTELLA 'AUTUMNALIS'	AUTUMN CHERRY	2"-2 1/2" CAL.	B+B
SG	5	LIQUIDAMBAR STYRACIFLUA	AMERICAN SWEETGUM	2"-2 1/2" CAL.	B+B

NOTE: REFER TO SPECIFICATIONS FOR GENERAL SEED MIX AND SLOPE SEED MIX.

**KAESTLE BOOS**  
associates, inc

416 Slater Road, P.O. Box 2590, New Britain, CT 06050-2590  
Phone: 860-229-0361 A. Fax: 860-229-5303

325 Foxborough Boulevard, Suite 100, Foxborough, MA 02035  
Phone: 508-549-9906 A. Fax: 508-549-9907

Email: kba@kba-architects.com A. Web: www.kba-architects.com



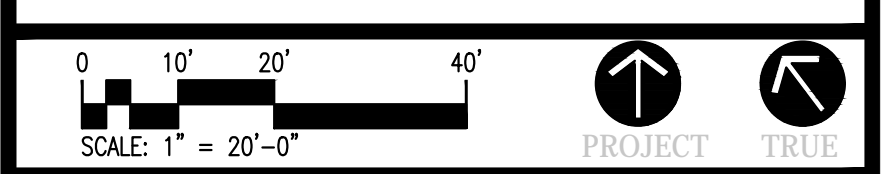
### ISSUE DATE

DATE	DESCRIPTION
MARCH 3, 2017	DRAWINGS ISSUED FOR BIDDING & CONSTRUCTION PURPOSES

### REVISION DATE

Date	No.	Description

FOR ALL ABBREVIATIONS, SYMBOL LEGENDS, AND GENERAL NOTES SEE SHEET R0.01



BOROUGH OF NAUGATUCK  
CONNECTICUT

**NAUGATUCK  
HIGH SCHOOL  
PARKING LOT  
EXPANSION  
& RELATED SITE  
IMPROVEMENTS**

543 RUBBER AVENUE NAUGATUCK, CT  
06770

PROJECT NO.: 16058.00 & 16059.00 DRAWN BY: BSW

**SITE  
PLANTING  
PLAN**

DRAWING NO.:  
**L4.01**

2017 © COPYRIGHT KAESTLE BOOS ASSOC., INC.





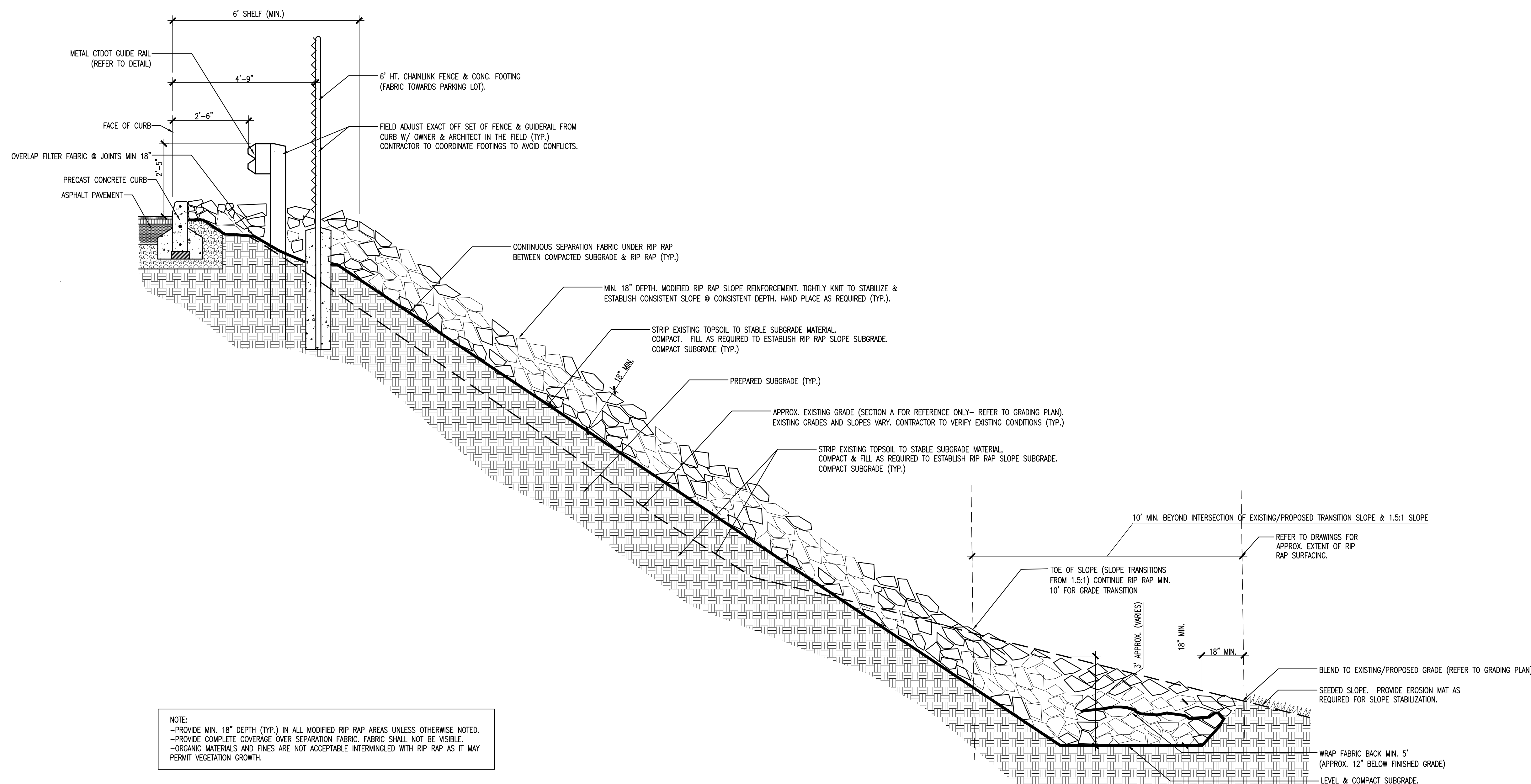
**ISSUE DATE**

DATE	DESCRIPTION
MARCH 3, 2017	DRAWINGS ISSUED FOR BIDDING & CONSTRUCTION PURPOSES

**REVISION DATE**

Date	No.	Description

FOR ALL ABBREVIATIONS, SYMBOL LEGENDS, AND GENERAL NOTES SEE SHEET R0.01



**NOTE:**  
 -PROVIDE MIN. 18" DEPTH (TYP.) IN ALL MODIFIED RIP RAP AREAS UNLESS OTHERWISE NOTED.  
 -PROVIDE COMPLETE COVERAGE OVER SEPARATION FABRIC. FABRIC SHALL NOT BE VISIBLE.  
 -ORGANIC MATERIALS AND FINES ARE NOT ACCEPTABLE INTERMINGLED WITH RIP RAP AS IT MAY PERMIT VEGETATION GROWTH.

**1 RIP RAP REINFORCED SLOPE**  
N.T.S.

NOT TO SCALE PROJECT TRUE

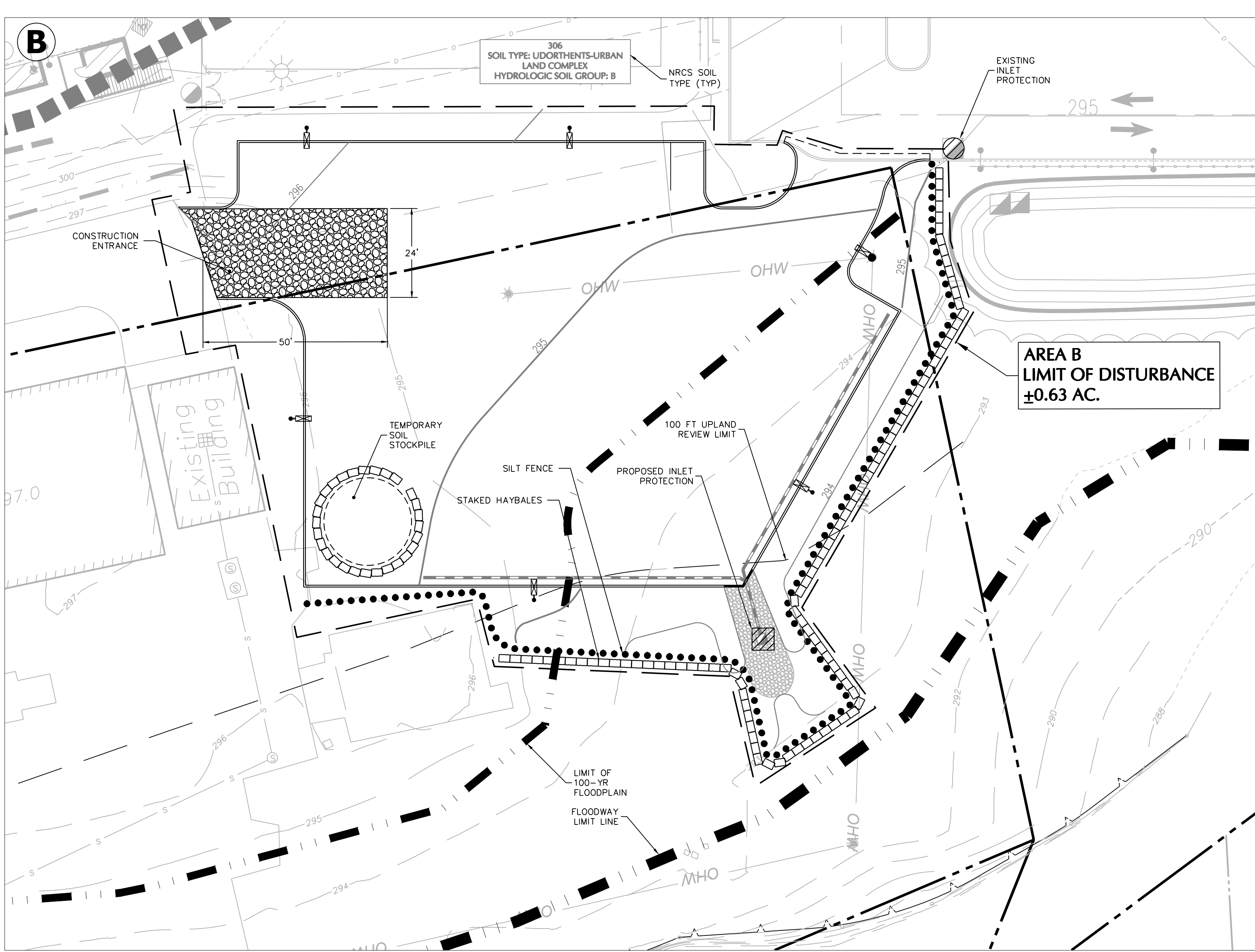
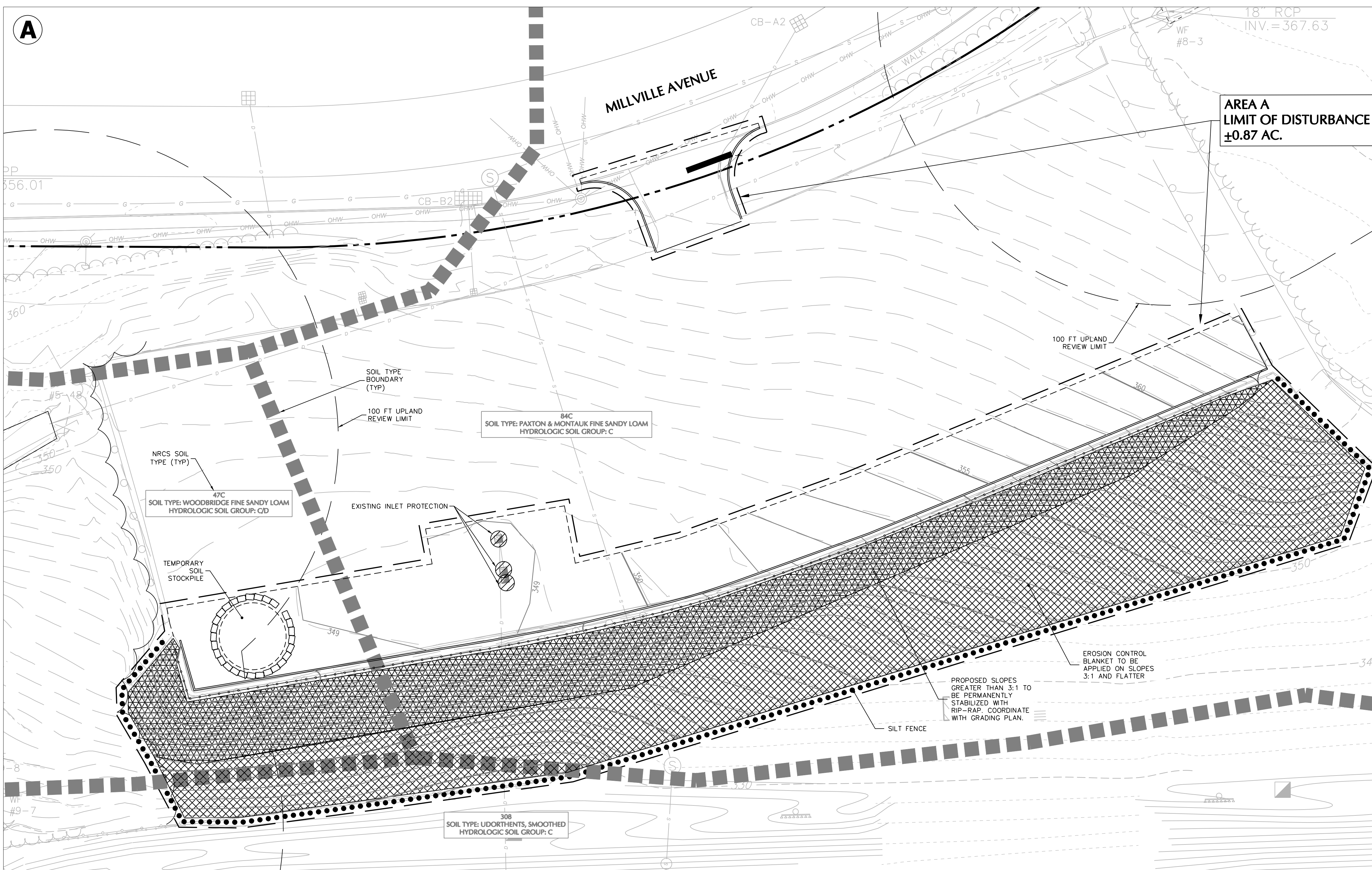
**NAUGATUCK HIGH SCHOOL PARKING LOT EXPANSION & RELATED SITE IMPROVEMENTS**
  
  
 543 RUBBER AVENUE NAUGATUCK, CT 06770

PROJECT NO.: 16058.00 & 16059.00 DRAWN BY: BSW

**SITE DETAILS**

DRAWING NO.:  
**L5.02**

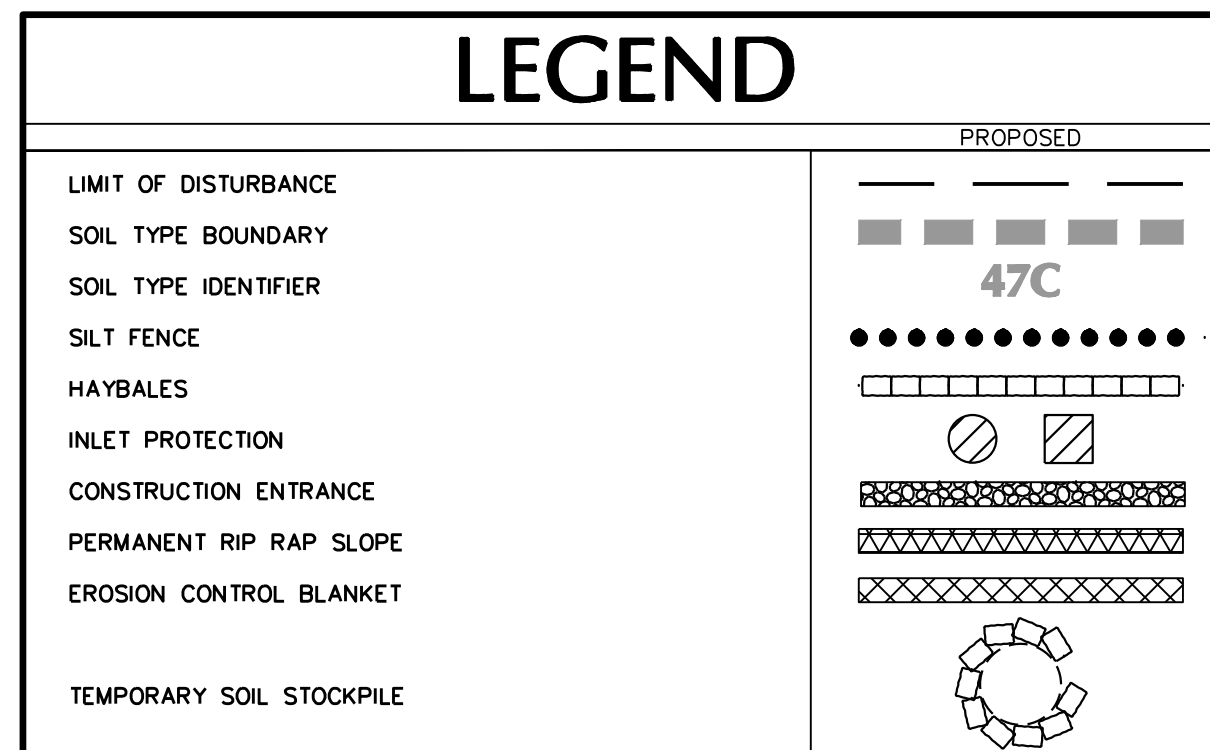




### SOIL EROSION & SEDIMENT CONTROL NOTES

- PROPOSED DEVELOPMENT**
- CONSTRUCTION WILL INCLUDE EARTHWORK, CURBING, PAVING, UTILITY INSTALLATION, LANDSCAPING AND STORMWATER BASIN CONSTRUCTION. ALL DEMOLITION DEBRIS AND SOIL REMOVAL RELATED TO CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL LAWS GOVERNING SUCH ACTIVITIES.
  - THE DETAILED EROSION AND SEDIMENT CONTROL MEASURES SHOWN HAVE BEEN DESIGNED TO PREVENT THE MIGRATION OF SOIL SEDIMENT FROM THE SITE.
- SOIL EROSION AND SEDIMENT CONTROL NOTES**
- THE SOIL AND SEDIMENT CONTROL PRACTICES MUST BE INSTALLED IN ACCORDANCE WITH THE LOCAL GOVERNING AUTHORITY AND THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION AND THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
  - EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED PRIOR TO START OF DEMOLITION AND CONSTRUCTION AND DISTURBANCE OF SITE CONTRIBUTORY DRAINAGE AREAS. THE OWNER OR ITS CONTRACTOR SHALL INSPECT, REPAIR AND REMOVE ALL SEDIMENT AND EROSION CONTROL DEVICES, AS INDICATED HEREIN.
  - DISPOSAL OF COLLECTED SEDIMENT SHALL BE MADE TO AREA DESIGNATED BY THE OWNER'S SOIL ENGINEER.
  - FILTER FABRIC/SILT FENCE WILL BE INSTALLED ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
  - ALL TOPSOIL NOT TO BE USED FOR FINAL GRADING/LANDSCAPED AREAS SHALL BE REMOVED FROM THE SITE IMMEDIATELY, IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL LAW. ALL TOPSOIL TO BE USED IN LANDSCAPED AREAS SHALL BE STORED/STOCKPILED IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL LAW STANDARDS.
  - ALL AREAS WITHIN 500 FEET OF AN INHABITED DWELLING SHALL BE WETTED AS NECESSARY TO PROVIDE DUST CONTROL.
  - SEDIMENT DISPOSAL AREAS AND TOPSOIL STOCKPILES NOT SCHEDULED FOR CONSTRUCTION ACTIVITIES WITHIN THIRTY (30) DAYS OF DISTURBANCE SHALL BE STABILIZED AS FOLLOWS:
    - GROUND LIMESTONE AT A RATE OF 135 LBS. PER 1,000 SF.
    - FERTILIZER AT A RATE OF 14 LBS. PER 1,000 SF USING A 10-20-10 ANALYSIS OR AN EQUIVALENT.
    - ANNUAL RYE GRASS SEEDING APPLIED AT A RATE OF NOT LESS THAN 1 LB. PER 1,000 SF.
    - MULCH ALL NEWLY SEEDED AREAS WITHIN 80 LBS. OF SALT HAY OR SMALL GRASS STRAW PER 1,000 SF.
  - BETWEEN OCTOBER 15 AND MARCH 15, WHEN DISTURBED AREAS ARE SCHEDULED FOR IMMEDIATE LANDSCAPING, THEY MAY BE MULCHED AND SEEDED PER ITEM D ABOVE.
  - PAVEMENT BASE COURSE MUST BE PLACED IN ALL NEW ROADWAY AREAS UPON COMPLETION OF FINE GRADING.
  - THE CONTRACTOR IS RESPONSIBLE FOR ALL PAVED ROADWAYS, ON AND OFF-SITE, WHICH MUST BE KEPT FREE OF SITE GENERATED SEDIMENT AT ALL TIMES. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHOD.
  - ALL STORM DRAINAGE OUTLETS MUST BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
  - SILT FENCES AND BARRIERS MUST BE CLEANED OR REPLACED PERIODICALLY TO REMOVE BUILT-UP SILT.
  - ALL EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSPECTED ON A DAILY BASIS AND CLEANED IMMEDIATELY AFTER EACH STORM.
  - ALL EXPOSED SURFACES WILL BE TREATED WITH 4" OF TOPSOIL PRIOR TO FINAL STABILIZATION.
  - PERMANENT VEGETATION IS TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING. MULCH AS NECESSARY FOR SEED PROTECTION AND ESTABLISHMENT. LIME AND FERTILIZE PRIOR TO PERMANENT SEEDING.
  - SOIL EROSION AND SEDIMENT CONTROL SHALL INCLUDE, BUT NOT BE LIMITED TO, OMISSIONS, ERRORS, OR FIELD OPERATIONS IMMEDIATELY AND IN ACCORDANCE WITH THE ABOVE MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE TO CORRECT ANY OMISSIONS, ERRORS, OR FIELD OPERATIONS IMMEDIATELY AND IN ACCORDANCE WITH THE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
  - ANY CONVEYANCE OF THIS PROJECT PRIOR TO ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CERTIFIED PLAN TO ANY SUBSEQUENT OWNERS.
- 18. PERMANENT**
- A. MATERIALS SPECIFICATION: LAWN AREAS.**
- SOIL
    - ANY SOIL HAVING A PH OF 4 OR LESS CONTAINING IRON SULFIDES SHALL BE COVERED WITH A MINIMUM OF TWELVE INCHES OF SOIL HAVING A PH OF FIVE OR MORE PRIOR TO SEED BED PREPARATION.
    - LIME
      - THREE TONS PER ACRE GROUND LIMESTONE INCORPORATED FOUR INCHES INTO SOIL.
    - FERTILIZER
      - 500 LBS. PER ACRES 10-20-10 INCORPORATED FOUR INCHES INTO SOIL.
    - SEED
      - DATES 4/15-6/15 AND 9/15-10/15, 30 LBS OF KENTUCKY 31 TALL FESCUE, 30 LBS OF SPREADING FESCUE, 30 LBS OF KENTUCKY BLUEGRASS PER ACRE.
    - SHADE AREAS
      - 15 LBS OF SPREADING FESCUE, 15 LBS OF CHIRMING RED FESCUE, 30 LBS KENTUCKY BLUEGRASS, AND 10 LBS OF PERENNIAL RYE GRASS PER ACRE. MULCH SHOULD BE APPLIED AFTER SEEDING FOR ADDED PROTECTION.
  - MULCHING SHALL BE DONE AT THE RATE OF SEVENTY TO NINETY POUNDS (70-90 LBS) PER 1,000 SQUARE FEET WITH UNROTTED SALT HAY.
    - APPLICATIONS SHOULD BE HEAVIER AT EDGES WHERE WIND CATCHES THE MULCH IN VALLEYS AND AT CREATED BANKS. REMAINDER OF AREA SHOULD BE UNIFORM IN APPEARANCE.
    - USE ONE OF THE FOLLOWING: SYNTHETIC OR ORGANIC BINDERS SUCH AS CURASOL, DCA-70, PETRO SET, TERRA TACH, HYDRO MULCH AND AEROSPRAY MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER OF ANCHOR MULCH MATERIALS. BINDERS CONTAINING PETROLEUM PRODUCTS SHALL NOT BE USED.
 

NOTE: ALL NAMES GIVEN ABOVE ARE REGISTERED TRADE NAMES. THIS DOES NOT CONSTITUTE A RECOMMENDATION OF THESE TO THE EXCLUSION OF OTHER PRODUCTS.
  - FILL MATERIAL SHALL BE FREE FROM DEBRIS, PERISHABLE OR COMBUSTIBLE MATERIAL AND FROZEN OR WET EARTH OR STONES LARGER THAN THREE INCHES IN MAXIMUM DIMENSION.
  - CONSTRUCTION AREAS SHALL BE PERIODICALLY SPRAYED WITH WATER UNTIL THE SURFACE IS WET TO CONTROL THE GENERATION OF DUST.
  - ALL REVISIONS AFTER APPROVAL HAS BEEN GRANTED SHALL BE FORWARDED TO THE APPROPRIATE DISTRICT FOR REVIEW.
  - THE LOCAL GOVERNING AUTHORITY SHALL RECEIVE WRITTEN NOTIFICATION SEVENTY TWO HOURS BEFORE THE START OF ANY CONSTRUCTION.
  - SEEDED PREPARATION:
    - TOPSOIL SHOULD BE A MINIMUM OF SIX INCHES DEEP (COMPACTED) BEFORE SEEDING.
    - HAVE TOPSOIL TESTED FOR PH. ADD LIME AS NECESSARY TO ACHIEVE PH OF 6.5. APPLY FERTILIZER AT A RATE OF 300 POUNDS PER ACRE OR SEVEN POUNDS PER 4,000 SQUARE FEET USING 10-20-10 OR EQUIVALENT. IN ADDITION, 300 POUNDS 38-0-0 PER ACRE OF SLOW RELEASE NITROGEN MAY BE USED IN LIEU OF TOP DRESSING.
    - WORK LIME AND FERTILIZER INTO SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF FOUR INCHES WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE ALL CLAY OR SILTY SOIL AND COARSE SANDS SHOULD BE ROLLED TO FIRM THE SEED BED WHEREVER FEASIBLE.
    - REMOVE FROM THE SURFACE ALL STONES ONE INCH OR LARGER IN ANY DIMENSION. REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMPS, OR OTHER UNSUITABLE MATERIAL.
    - INSPECT SEED BED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT SOIL COMPACT, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.



**KAESTLE BOOS**  
associates, inc

416 Slater Road, P.O. Box 2590, New Britain, CT 06650-2590  
Phone: 860-229-0361 ▲ Fax: 860-229-5303

325 Foxborough Boulevard, Suite 100, Foxborough, MA 02035  
Phone: 508-549-9506 ▲ Fax: 508-549-9907

Email: kba@kba-architects.com ▲ Web: www.kba-architects.com

**LANGAN**

555 Long Wharf Drive, New Haven, CT 06511  
T: 203.862.5771 F: 203.789.6142 www.langan.com

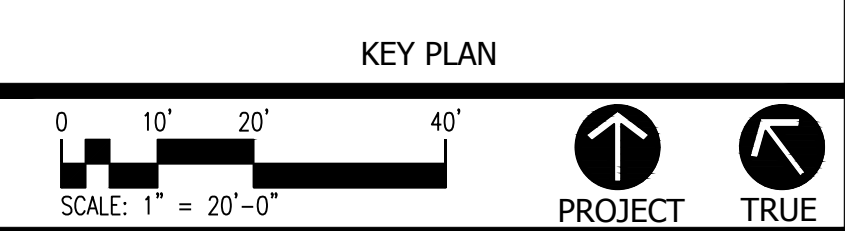
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. S.A.  
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.  
Langan Engineering and Environmental Services, Inc.  
Langan, CT, Inc.  
Langan International LLC  
Collectively known as Langan



ISSUE DATE	
DATE	DESCRIPTION
MARCH 3, 2017	DRAWINGS ISSUED FOR BIDDING & CONSTRUCTION PURPOSES

REVISION DATE		
Date	No.	Description



**NAUGATUCK HIGH SCHOOL PARKING LOT EXPANSION & RELATED SITE IMPROVEMENTS**

543 RUBBER AVENUE NAUGATUCK, CT 06770

PROJECT NO.: 16058.00 & 16059.00 DRAWN BY: KMT

**SOIL EROSION & SEDIMENT CONTROL PLAN**

DRAWING NO.: **CE101**

