



Didona Associates – Landscape Architects, LLC
70 North Street
Danbury, Connecticut 06810

(203) 778-1840 office
(203) 744-8334 fax
didona@didonaassociates.com
www.didonaassociates.com

TRANSMITTAL

DATE: May 12, 2021

TO: Nick Lee, Chair
Inland Wetlands Commission
Town of Wilton
Town Hall annex
238 Danbury Road
Wilton, CT 06897

RE: Gallo Residence
47 Shadow Lane
Proposed Regrading within 100' Regulated Area
Map/Lot Number: 31-50-0-0

ENCLOSED PLEASE FIND:

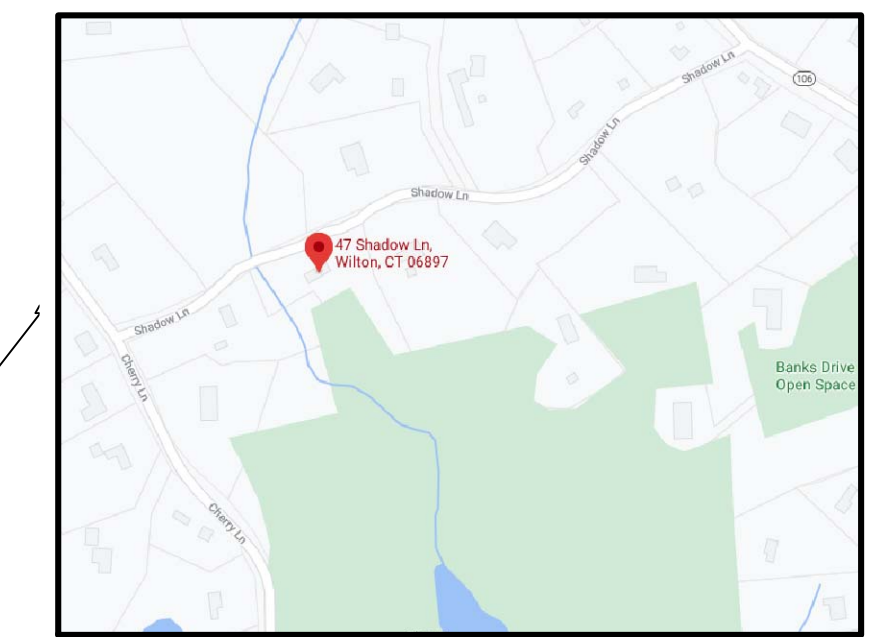
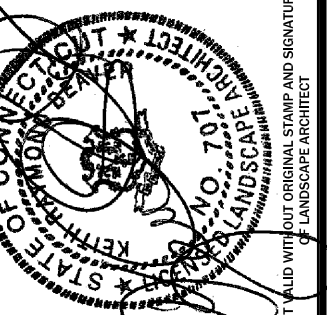
(11 ea) L1.0: Erosion and Sediment Control Plan (Rev. Date: 5/12/21)
L2.0: Grading Plan (Rev. Date: 5/12/21)
L3.0: Planting Plan (Date: 5/12/21)
LD1.0: Landscape Details (Rev. Date: 5/12/21)
Improvement Location Survey (Date: 1/22/21)

NOTES: Attached please find the above documents, revised per Town comments. Please let me know any questions or if you need additional information. Thank you.

FROM: Keith R. Beaver, RLA

	PROPERTY LINE		EXISTING DECIDUOUS TREE TO BE REMOVED
	SETBACK LINE		EXISTING DECIDUOUS TREE TO REMAIN
	FLAGGED WETLAND LINE		EXISTING EVERGREEN TREE TO REMAIN
	100' WETLAND UPLAND REVIEW LINE		
	LIMIT OF DISTURBANCE		
	EXISTING STONE WALL TO REMAIN		
	EXISTING STONE WALL TO REMAIN		
	EXISTING STORM LINE TO REMAIN		
	EXISTING CATCH BASIN TO REMAIN		
	EXISTING UTILITY POLE TO REMAIN		
	EXISTING SITE ITEM TO BE REMOVED		
	PROPOSED TREE PROTECTION CRIBBING		
	PROPOSED SILTBOX		

SCALE 1"=800'

[illegible]

Danbury, Connecticut 06810
Phone: 203-778-1840
Fax: 203-744-8334
e-mail: didona@didonaassociates.com
www.didonaassociates.com



1. EXISTING TOPOGRAPHIC AND UTILITY INFORMATION WAS TAKEN FROM A PLAN TITLED IMPROVEMENT LOCATION SURVEY PREPARED FOR MATTHEW AND JACKLYN GALLO, TOPOGRAPHIC MAP PREPARED BY STALKER LAND SURVEYING, INC., 505 DANBURY ROAD, WILTON, CT. 06897, TEL: 203-563-0048, www.stalkerli.com WILTON, CT. CONTRACTOR WILL VERIFY ALL ELEVATIONS IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCY.

2. EXISTING UTILITY INFORMATION IS BASED ON AVAILABLE INFORMATION AND ALL UTILITIES MAY NOT BE SHOWN. CONTRACTOR WILL DIAL 811 FOR "CALL BEFORE YOU DIG" AND HAVE ALL UTILITIES MARKED ON THE GROUND PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES.

1. **GENERAL**
 - A. PROJECT START: AS SOON AS PRACTICAL AFTER LAND USE APPROVALS RECEIVED
 - B. PROJECT COMPLETION TIME: APPROXIMATELY 1 1/2 MONTHS
BASED ON TIMELY APPROVALS
 - C. THE PROPOSED CONSTRUCTION SEQUENCE IS PROVISIONAL.
2. **SITE PREPARATION**
 - A. REVIEW THE SEDIMENT AND EROSION CONTROL PLAN WITH THE CONSTRUCTION TEAM, LANDSCAPE ARCHITECT AND CONSERVATION OFFICER.
 - B. INSTALL THE SILT/SOXX AND SILT FENCE ALONG THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLANS
 - C. LANDSCAPE FENCE OF ALL TREES TO BE PROTECTED.
 - D. CUT TREES TO BE REMOVED AND GRUB AREAS TO BE CLEARED WITHIN THE DEVELOPMENT AREA AS APPROPRIATE.
 - E. EXPOSED AND DUMPPILE TOPSOIL IN DESIGNATED AREA. SURROUND TOPSOIL WITH SILT FENCE AND COVER WITH TARP TO CONTAIN SEDIMENTS.
3. **SITE CONSTRUCTION**
 - A. INSTALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES AND TREE PROTECTION AS SHOWN ON PLANS OR AS REQUIRED.
 - B. PERFORM GENERAL CUT AND FILL OPERATIONS.
 - C. FINE GRADE ALL DISTURBED AREAS, STABILIZE AND SEED AS SHOWN AND AS SOON AS PRACTICAL.
 - D. INSTALL LANDSCAPING AND SEED.
 - E. COMPLETE ALL PUNCH LIST ITEMS.
 - F. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS AFTER DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.

1. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES, EXCAVATION OR FILLING ON THE SITE. EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED AS SHOWN ON THE PLANS, WHERE REQUIRED BY THE TOWN OF WILTON AND IN ADDITIONAL TO ANY REQUIREMENTS THAT MAY BE LATER DETERMINED BY THE ARCHITECT. EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE OPERATION THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS. DAMAGED OR INEFFECTIVE SECTIONS WILL BE REPLACED IMMEDIATELY. EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL THE PROJECT IS COMPLETED AND THE LANDSCAPE HAS BEEN STABILIZED BY THE ARCHITECT. EROSION AND SEDIMENT CONTROL MEASURES WILL BE REMOVED ONLY AFTER ALL CONSTRUCTION HAS BEEN COMPLETED AND ALL SOURCES OF EROSION HAVE BEEN PERMANENTLY STABILIZED.
2. IT IS THE RESPONSIBILITY OF THE OWNER TO ENSURE THAT THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THESE PLANS, REQUIRED BY THE TOWN OF WILTON AND/OR REQUIRED AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT, ARE MAINTAINED UNTIL THE PROJECT IS COMPLETED AND THE LANDSCAPE IS PERMANENTLY STABILIZED. THIS RESPONSIBILITY ALSO INCLUDES INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE TOWN OF ANY VIOLATIONS OF THE PLAN, AND PROVIDING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE OF THE LAND IS TRANSFERRED.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES AND PROCEDURES WILL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE 'CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, 2002, AS AMENDED'.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS WILL BE MADE IMMEDIATELY.
5. SEDIMENT DEPOSITS WILL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT WILL BE DISPOSED OF IN A LEGAL MANNER THAT DOES NOT RESULT IN ADDITIONAL EROSION OR CONSTRUCTION OF ANY TYPE. DEPOSITS OF OFF SITE ROADS MUST BE SWEEP CLEAN WHEN REQUIRED OR AT LEAST ONCE A WEEK DURING CONSTRUCTION.

1. PRIOR TO THE CONTRACTOR BEGINNING ANY REMOVAL OF INVASIVE PLANT SPECIES THE LANDSCAPE ARCHITECT SHALL INSPECT THE PROPERTY AND TAG/MARK THE INVASIVE SPECIES TO BE REMOVED, KEEPING A RECORD OF THE SPECIES PRESENT. THE LANDSCAPE ARCHITECT WILL RECOMMEND REMOVAL METHODS TO THE CONTRACTOR BASED ON THE INVASIVE SPECIES OBSERVED. STANDARD METHODS OF REMOVAL INCLUDE:

A. MECHANICAL METHODS

- HAND PULLING
- WEED PULLER, SUCH AS WEED WRENCH
- SMALL MACHINE WITH BRUSH REMOVAL ATTACHMENT

-REMOVED INVASIVE SPECIES SHALL BE DISPOSED OF IN A LEGAL MANNER THAT DOES NOT PROMOTE REGROWTH OR RECOLONIZATION OF THE PLANT MATERIAL

B. ALTERATIONS TO PH AND FERTILITY - ALTER SOIL PH AND FERTILITY TO MATCH NATIVE CONDITIONS. REDUCING PH AND FERTILITY FOSTERS NATIVE SPECIES

C. INCREASE COMPETITION BY REPLACING INVASIVES WITH NATIVES AS SOON AS POSSIBLE

D. COVER AREAS OF INVASIVE PLANTS WITH BLACK PLASTIC TARPS AFTER CUTTING PLANTS TO THE GROUND

2. UPON COMPLETION OF INVASIVE SPECIES REMOVAL BY THE CONTRACTOR NATIVE PLANT SPECIES SHALL BE PLANTED BY THE CONTRACTOR AS PER THE PLANTING PLAN. THIS SHOULD BE ACCOMPLISHED IMMEDIATELY AFTER REMOVAL SO THAT THE ABILITY OF INVASIVE SPECIES TO RE-COLONIZE THE AREA IS MINIMIZED.

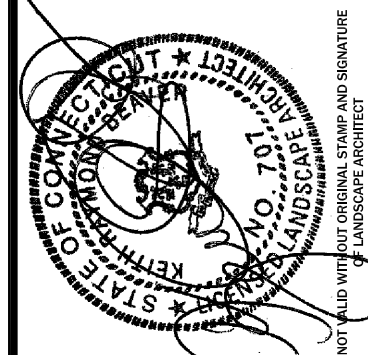
EROSION AND SEDIMENT CONTROL PLAN

CALLO RESIDENCE
47 SHADOW LANE
WILTON, CONNECTICUT

DATE:	03.23.21
CALE:	1 ¹¹ =20 ¹
RAWN BY:	DC, JD
CHECKED BY:	KB
HEET NO.:	

L1.0

DATE:	REVISION
5/12/21	TOWN COMMENTS



70 North Street Suite 303
 Danbury, Connecticut 06810
 Phone: 203-744-8344
 Fax: 203-744-8334
 e-mail: ddonato@dataassociates.com
 www.dataassociates.com



GRADING PLAN
 GALLO RESIDENCE
 47 SHADOW LANE
 WILTON, CONNECTICUT

DATE:	03.23.21
SCALE:	1"=20'
DRAWN BY:	DC, JD
CHECKED BY:	KB
SHEET NO.:	

L2.0



LEGEND	
	PROPERTY LINE
	SETBACK LINE
	FLAGGED WETLAND LINE
	100' WETLAND UPLAND REVIEW LINE
	LIMIT OF DISTURBANCE
	EXISTING 2' CONTOUR
	EXISTING 10' CONTOUR
	PROPOSED TREE PROTECTION CRIBBING
	PROPOSED SILTSOXX
	EXISTING STONE WALL TO REMAIN
	EXISTING STORM LINE TO REMAIN
	EXISTING CATCH BASIN TO REMAIN
	EXISTING UTILITY POLE TO REMAIN
	EXISTING STONE WALL TO REMAIN
	EXISTING TREE TO REMAIN
	PROPOSED 2' CONTOUR
	PROPOSED 10' CONTOUR
	TOP OF SLOPE
	BOTTOM OF SLOPE
	TOP OF BOULDER WALL
	BOTTOM OF BOULDER WALL
	EXISTING GRADE AT BOTTOM OF BOULDER WALL
	TOP OF PROPOSED SLOPE

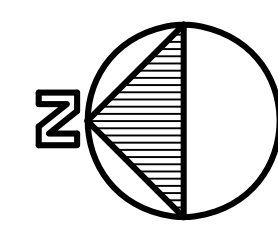
DISTURBED SLOPE REVIEW		
EXISTING SLOPE RANGE	MAXIMUM DISTURBANCE ALLOWED	PROPOSED DISTURBANCE
15% - 35%	15,000 SF	3,590 SF
35%+	2,500 SF	1,855 SF
DISTURBANCE ALL SLOPES		9,252 SF

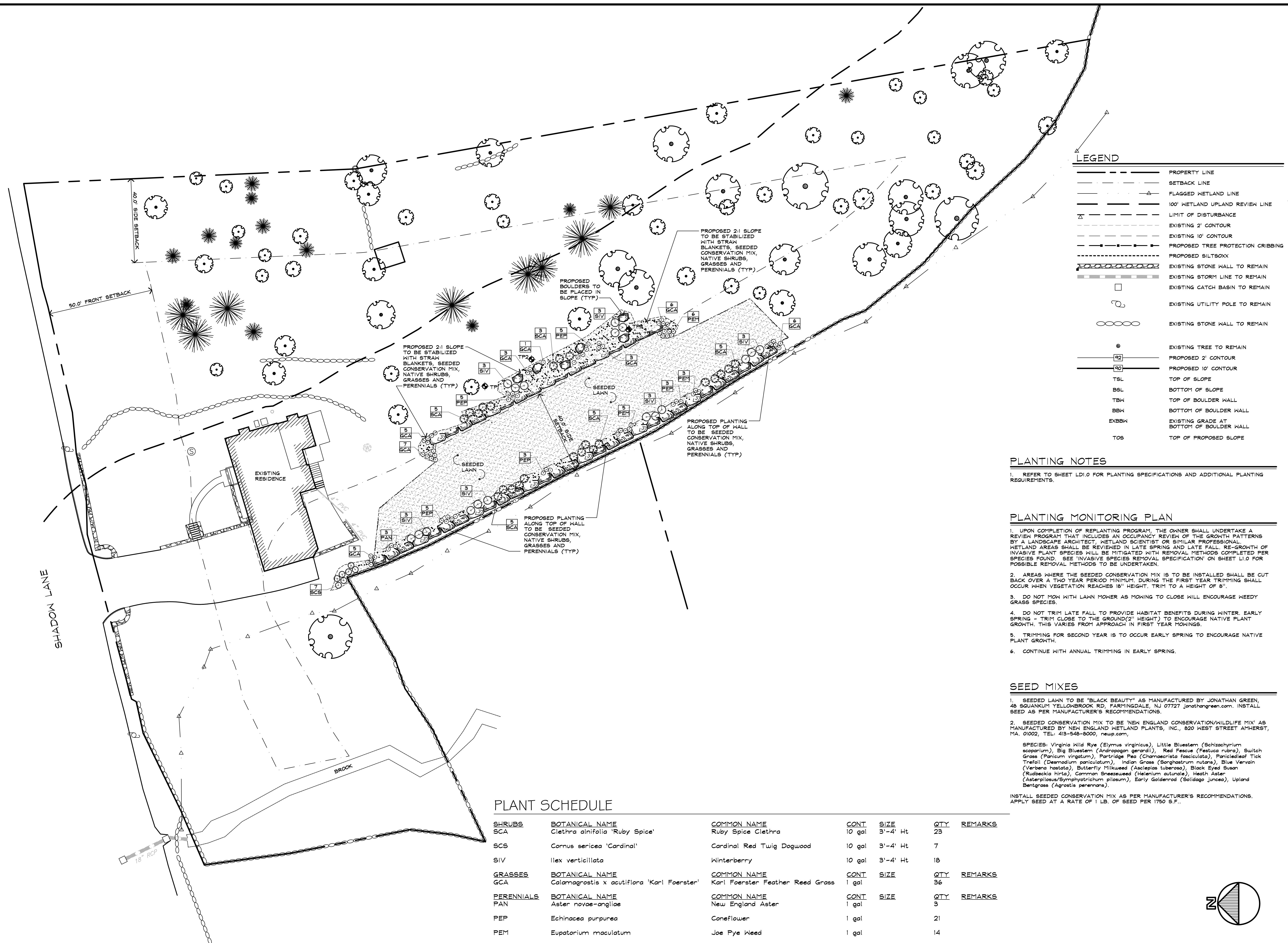
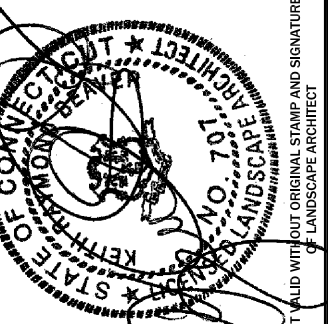
NOTE: "DISTURBED SLOPE REVIEW" CHART SHALL NOT BE REMOVED FROM THIS PLAN

2:1 SLOPE STABILIZATION NOTE

1. ALL PROPOSED 2:1 SLOPES TO BE STABILIZED WITH STRAW BLANKETS, SEEDING CONSERVATION MIX, NATIVE SHRUBS, GRASSES AND PERENNIALS. REFER TO SHEETS L3.0 AND LDI.0 FOR ADDITIONAL INFORMATION AND REQUIREMENTS

- EARTHWORK NOTES**
- EXCAVATED MATERIAL WILL BE PLACED IN AREAS OF FILL. EXCESS MATERIAL WILL BE STOCKPILED IN AREAS AS SHOWN ON THE PLANS. STOCKPILE AREAS TO BE FULLY ENCLOSED WITH SILT FENCE
 - EXTENT OF EARTHWORK IS INDICATED ON DRAWINGS. INSTALLATION OF TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES IS INCLUDED AS PART OF THIS WORK.
 - BOULDER EXCAVATION WILL BE NECESSARY. CONTRACTOR WILL PROVIDE A UNIT PRICE WITH THEIR BID TO REMOVE AND STOCKPILE BOULDERS ON SITE, FOR USE IN PROPOSED BOULDER ARMORED SLOPE INSTALLATION. ONCE WORK HAS COMMENCED CONTRACTOR WILL CONTACT LANDSCAPE ARCHITECT IF ROCK IS FOUND. ESTIMATES OF VOLUMES WILL BE GIVEN TO THE LANDSCAPE ARCHITECT FOR APPROVAL, PRIOR TO REMOVAL.
 - CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE, SPREAD AND COMPACT MATERIAL AS NECESSARY TO ACHIEVE SUBGRADE ELEVATIONS. CONTRACTOR WILL REMOVE ALL EXCESS EXCAVATED MATERIAL, TRASH AND DEBRIS AND DISPOSE OF OFF SITE IN A LEGAL MANNER. BEFORE ANY FILL IS PLACED CONTRACTOR WILL PREPARE AREA BY REMOVING ALL VEGETATION, UNSUITABLE MATERIAL, DEBRIS AND STRIPPING AND STOCKPILING TOPSOIL. CONTRACTOR WILL SCARIFY SLOPED AREAS IN ORDER FOR FILL TO BOND WITH EXISTING SURFACE.
 - THE CONTRACTOR WILL MAINTAIN SUBGRADES IN PROPERLY DRAINED CONDITIONS UNTIL SURFACE IMPROVEMENTS ARE PLACED. REMOVE ALL DEBRIS, PAPER AND UNSUITABLE MATERIALS FROM EXCAVATIONS PRIOR TO BACKFILLING.
 - SLOPE GROUND AWAY FROM BUILDINGS AND GRADE ENTIRE AREA TO A SMOOTH, UNIFORM SURFACE. GRADES NOT OTHERWISE INDICATED WILL BE OF UNIFORM LEVELS OR SLOPES BETWEEN POINTS WHERE GRADES ARE GIVEN OR BETWEEN SUCH POINTS AND EXISTING FINISHED GRADES. ROUND ALL ABRUPT CHANGES IN SLOPES.
 - COMPLETE ROUGH GRADING OPERATIONS AFTER ALL MATERIAL, RUBBISH AND DEBRIS IS REMOVED FROM THE SITE. LEAVE SUBGRADE FOR SITE IMPROVEMENTS AND LAWN AREAS CLEAN AND AT REQUIRED GRADES.
 - PROPOSED GRADED SLOPES SHALL NOT EXCEED 2:1 OR 50% SLOPE



[illegible]

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Fax: 203-744-8334
e-mail: didona@dionaassociates.com
www.didonaassociates.com



PLANTING NOTES

1. REFER TO SHEET LDI.0 FOR PLANTING SPECIFICATIONS AND ADDITIONAL PLANTING REQUIREMENTS.

PLANTING MONITORING PLAN

1. UPON COMPLETION OF REPLANTING PROGRAM, THE OWNER SHALL UNDERTAKE A REVIEW PROGRAM THAT INCLUDES AN OCCUPANCY REVIEW OF THE GROWTH PATTERNS OF THE REPLANTED ARCHITECT, WETLAND SCIENTIST OR SIMILAR PROFESSIONAL. WETLAND AREAS SHALL BE REVIEWED IN LATE SPRING AND LATE FALL. RE-GROWTH INVASIVE PLANT SPECIES WILL BE MITIGATED WITH REMOVAL METHODS COMPLETED IN ACCORDANCE WITH SEE [INVASIVE SPECIES REMOVAL SPECIFICATION] ON SHEET L1.0 FOR POSSIBLE REMOVAL METHODS.
2. AREAS WHERE THE SEEDED CONSERVATION MIX IS TO BE INSTALLED SHALL BE BACK OVER TO TWO YEAR PERIOD MINIMUM. DURING THE FIRST YEAR TRIMMING SHALL OCCUR WHEN VEGETATION REACHES 18" HEIGHT. TRIM TO A HEIGHT OF 8".
3. DO NOT MOW WITH LAWN MOWER AS MOWING TO CLOSE WILL ENCOURAGE WEEDY GRASS SPECIES.
4. DO NOT TRIM LATE FALL TO PROVIDE HABITAT BENEFITS DURING WINTER. EARLY SPRING - TRIM CLOSE TO THE GROUND(2' HEIGHT) TO ENCOURAGE NATIVE PLANT GROWTH. THIS VARIES FROM APPROACH IN FIRST YEAR MOWINGS.
5. TRIMMING FOR SECOND YEAR IS TO OCCUR EARLY SPRING TO ENCOURAGE NATIVE PLANT GROWTH.
6. CONTINUE WITH ANNUAL TRIMMING IN EARLY SPRING.

SEED MIXES

1. SEEDED LAWN TO BE "BLACK BEAUTY" AS MANUFACTURED BY JONATHAN GREEN, 48 SQUANKUM YELLOWBROOK RD, FARMINGDALE, NJ 07727 jonathangreen.com. INSTALL SEED AS PER MANUFACTURER'S RECOMMENDATIONS.
2. SEEDED CONSERVATION MIX TO BE 'NEW ENGLAND CONSERVATION/WILDLIFE MIX' AS MANUFACTURED BY NEW ENGLAND WETLAND PLANTS, INC., 820 WEST STREET AMHERST, MA. 01002, TEL: 413-548-8000, newup.com.

SPECIES: Virginia Milk Yre (*Elymus virginicus*), Little Bluestem (*Setochizachium scoparium*), Big Bluestem (*Andropogon gerardii*), Red Fescue (*Festuca rubra*), Switchgrass (*Panicum virgatum*), Partridge Grass (*Chamaecrista fasciculata*), Panicled-leaf Tickseed (*Trefoil* [*Desmodium paniculatum*]), Indian Grass (*Sorghastrum nutans*), Blue Vervain (*Verbena hastata*), Butterfly Milkweed (*Asclepias tuberosa*), Black Eyed Susan (*Rudbeckia hirta*), Common Sneezeweed (*Helianthus autumnale*), Heath Aster (*Aster pilosus*/Symphyotrichum pilosum), Early Goldenrod (*Solidago juncea*), Upland Bontgrass (*Agrostis perennans*).

INSTALL SEEDED CONSERVATION MIX AS PER MANUFACTURER'S RECOMMENDATIONS.
APPLY SEED AT A RATE OF 1 LB. OF SEED PER 1750 S.F..

<u>SHRUBS</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>	<u>SIZE</u>	<u>QTY</u>	<u>REMARKS</u>
SCA	Clethra alnifolia 'Ruby Spice'	Ruby Spice Clethra	10 gal	3'-4' Ht	23	
SCS	Cornus sericea 'Cardinal'	Cardinal Red Twig Dogwood	10 gal	3'-4' Ht	7	
SIV	Ilex verticillata	Winterberry	10 gal	3'-4' Ht	18	
<u>GRASSES</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>	<u>SIZE</u>	<u>QTY</u>	<u>REMARKS</u>
GCA	Calamagrostis x acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	1 gal		36	
<u>PERENNIALS</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT.</u>	<u>SIZE</u>	<u>QTY</u>	<u>REMARKS</u>
PAN	Aster novae-angliae	New England Aster	1 gal		3	
PEP	Echinacea purpurea	Coneflower	1 gal		21	
PEM	Eupatorium maculatum	Joe Pye Weed	1 gal		14	

PLANTING PLAN

GALLO RESIDENCE
47 SHADOW LANE
WILTON, CONNECTICUT

ATE:
05.12.21

CALE:
 $1^{11} = 20^1$

RAWN BY:
JLD, DC

HECKED BY:

HEET NO.:

L3.0

PLANT SPECIFICATIONS

1. THE CONTRACTOR WILL STAKEOUT PLANT LOCATIONS IN THE FIELD PRIOR TO INSTALLATION. THE LANDSCAPE ARCHITECT AND OWNER RESERVE THE RIGHT TO OBSERVE THESE LOCATIONS PRIOR TO COMMENCING PLANT PIT EXCAVATION. THE CONTRACTOR WILL MAKE ADJUSTMENTS AS REQUIRED BY LANDSCAPE ARCHITECT AND/OR OWNER.
2. NO SUBSTITUTIONS OF PLANT MATERIAL WILL BE ALLOWED WITHOUT WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT. THIS WILL APPLY TO SUBSTITUTIONS OF SPECIES, SIZE AND/OR QUANTITY.
3. ALL TREES AND SHRUBS WILL BE OF HEALTHY VIGOROUS STOCK, GROWN IN A RECOGNIZED NURSERY IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICE AND THE STANDARDS OF AMERICAN ASSOCIATION OF NURSERYMEN, FREE OF DISEASE AND DEFECTS.
4. THE CONTRACTOR WILL WARRANTEE ALL PLANT MATERIAL FOR A MINIMUM OF TWO (2) FULL YEARS AFTER THE DATE OF SUBSTANTIAL COMPLETION AGAINST DEFECTS, UNSATISFACTORY GROWTH, DISEASE AND/OR DEATH. REJECTED MATERIAL WILL BE REPLACED WITH THE SAME SIZE AND SPECIES.
5. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO SELECT AND TAG ALL PLANT MATERIAL AT THE SOURCE PRIOR TO THE LANDSCAPE CONTRACTOR DELIVERING MATERIAL TO THE SITE.
6. CONTRACTOR WILL PROVIDE MAINTENANCE (INCLUDING WATERING) OF THE PLANT MATERIAL AND A DAILY CLEANUP OF THE SITE THROUGHOUT COMPLETION OF THE PLANTING.
7. ALL PLANT MATERIAL WILL BE PROTECTED FROM DAMAGE FROM STRONG WINDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STRAIGHTEN AND/OR REPLANT ALL PLANTS AT NO ADDITIONAL COST TO THE OWNER.
8. THE LANDSCAPE CONTRACTOR WILL VERIFY ALL QUANTITIES OF PLANT MATERIAL AND TAKEOFFS FOR SEEDING AREAS. IF THERE IS A DISCREPANCY BETWEEN QUANTITIES OF THE PLANT LIST AND THE PLAN, THE PLAN WILL CONTROL. IMPROPER PLANT COUNTS OR SEEDING TAKEOFFS BY CONTRACTOR WILL NOT BE CAUSE FOR ADDITIONAL COST TO THE OWNER.
9. SEASONS FOR PLANTING, UNLESS OTHERWISE AUTHORIZED BY THE LANDSCAPE ARCHITECT, WILL BE WITHIN THE FOLLOWING DATES:

DECIDUOUS MATERIAL	EVERGREEN MATERIAL
SPRING: MARCH 21 TO JUNE 1 FALL: SEPT. 1 TO NOV. 1	APRIL 1 TO JUNE 1 AUG. 21 TO OCT. 15

SOIL SPECIFICATION

1. ADDITIONAL TOPSOIL, IF NEEDED, IS TO BE NATURAL, FERTILE SOIL CAPABLE OF GROWING VIABLE PLANT GROWTH, UNIFORM IN COMPOSITION WITHOUT SUBSOIL, STONES, LUMPS, LIVE PLANTS, ROOTS OR OTHER EXTRANEUS MATERIAL. TOPSOIL WILL CONTAIN NO LESS THAN 5% ORGANIC MATTER. TOPSOIL WILL BE OBTAINED FROM LOCAL SOURCES WITH SIMILAR SOIL CHARACTERISTICS AS ONSITE TOPSOIL. TOPSOIL WILL BE DELIVERED IN SUCH A MANNER AS NOT TO CAUSE DAMAGE TO THE SITE AND/OR BUILDINGS. ANY NECESSARY REPAIR WILL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR, AT NO ADDITIONAL COST TO THE OWNER.

2. TOPSOIL WILL BE PLACED ON SUBSOIL WHICH HAS BEEN RAKED OF ALL DEBRIS AND SCARIFIED TO A DEPTH OF 3". WHERE THERE IS COMPACTION CONTRACTOR WILL USE A ROTOTILLER TO LOOSEN SUBGRADE. ALL PLANT BEDS WILL BE 12" (MIN.) DEEP TOPSOIL. ALL LAWN AREAS WILL BE 6" (MIN.) DEEP TOPSOIL.

3. CONTRACTOR TO SUBMIT SOIL TEST RESULTS, FOR ALL SOURCES OF TOPSOIL INCLUDING ON-SITE TOPSOIL, TO LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO DELIVERING ANY TOPSOIL TO THE SITE. COST OF ALL TESTS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL SUBMIT THE FOLLOWING SAMPLES, CERTIFICATIONS OR TEST RESULTS PRIOR TO USE ON THE PROJECT:

- A. SOIL AMENDMENT REQUIREMENTS
- B. PH OF SOIL
- C. ORGANIC CONTENT OF SOIL

- D. MECHANICAL ANALYSIS. ANALYSIS SHALL INCLUDE SAND, SILT, AND CLAY AND A 200 SIEVE HYDROMETER WASH AS PER ASTM D 422 TO ISOLATE SPECIFIC PERCENTAGES OF SILT AND CLAY.

- E. TEST RESULTS WILL BE AS DETERMINED BY THE FOLLOWING TESTING LABORATORY OR AN APPROVED EQUAL:

UCONN SOIL NUTRIENT ANALYSIS LABORATORY
6 SHERMAN PLACE
UNIT 5102
STORRS, CONNECTICUT 06269-5102
(860)466-4274

ANY MATERIAL DELIVERED TO THE PROJECT WHICH DOES NOT MEET SPECIFICATIONS, OR WHICH HAS BECOME MIXED WITH UNDESIRABLE SUBSOIL DURING ANY OPERATION AT THE SOURCE OR DURING PLACING OR SPREADING, WILL BE REJECTED AND SHALL BE REPLACED BY THE CONTRACTOR WITH ACCEPTABLE MATERIAL AT NO EXTRA COST TO THE OWNER.

4. PLANT BED BACKFILL MIXTURE FOR TREES AND SHRUBS WILL BE (AS A MINIMUM):

- A. 1 cy COMPOSTED MANURE, 1 BALE OF PEAT MOSS, 3 cy TOPSOIL.

- B. "NUTRI-RICH 8-3-3" ORGANIC FERTILIZER AS MANUFACTURED BY D. STUTZMAN FARMS, PO BOX 307, CANBY, OR, 888-877-7665 OR APPROVED EQUAL. THOROUGHLY MIX INTO PLANT PIT BACKFILL MIX AT RATE RECOMMENDED BY MANUFACTURER.

- C. pH OF PLANT PIT BACKFILL MIXTURE WILL BE ADJUSTED BY CONTRACTOR TO MEET THE REQUIREMENTS AS SHOWN ON THE SITE SOIL PLAN.

1. FOR ERICACEOUS PLANTS AND BROAD-LEAVED EVERGREENS REQUIRING AN ACID SOIL:

- a. PLANTING PIT BACKFILL SHALL HAVE A TRUE pH OF 4.5 TO 5.5. IF IT HAS NOT, IT SHALL BE AMENDED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE PROPER PH RANGE BY THOROUGHLY MIXING PLANT PIT BACKFILL MIXTURE WITH SULPHUR. INCORPORATE SULFUR AT RATES PER MANUFACTURER'S RECOMMENDATIONS.

5. SOIL FOR USE IN LAWN AREAS WILL BE (AS A MINIMUM):

- A. 1 cy COMPOSTED MANURE, 1 BALE OF PEAT MOSS, 3 cy TOPSOIL.

- B. "NUTRI-RICH 8-3-3" ORGANIC FERTILIZER AS MANUFACTURED BY D. STUTZMAN FARMS, PO BOX 307, CANBY, OR, 888-877-7665 OR APPROVED EQUAL. AFTER SPREADING AND LEVELING SOIL, TILL OR RAKE FERTILIZER INTO THE TOP 2" OF SOIL AT THE RATE OF 40 LBS/2,000 SF.

- C. pH OF LAWN SOIL MIXTURE WILL BE ADJUSTED BY CONTRACTOR TO BE 6.5 TO 7.0. TO RAISE pH ADD OYSTER SHELL LIME LIME (OR APPROVED EQUAL) AT RATE PER MANUFACTURER'S RECOMMENDATIONS. TO LOWER pH ADD ALUMINUM SULFATE AT RATE OF 2.5lbs/cy

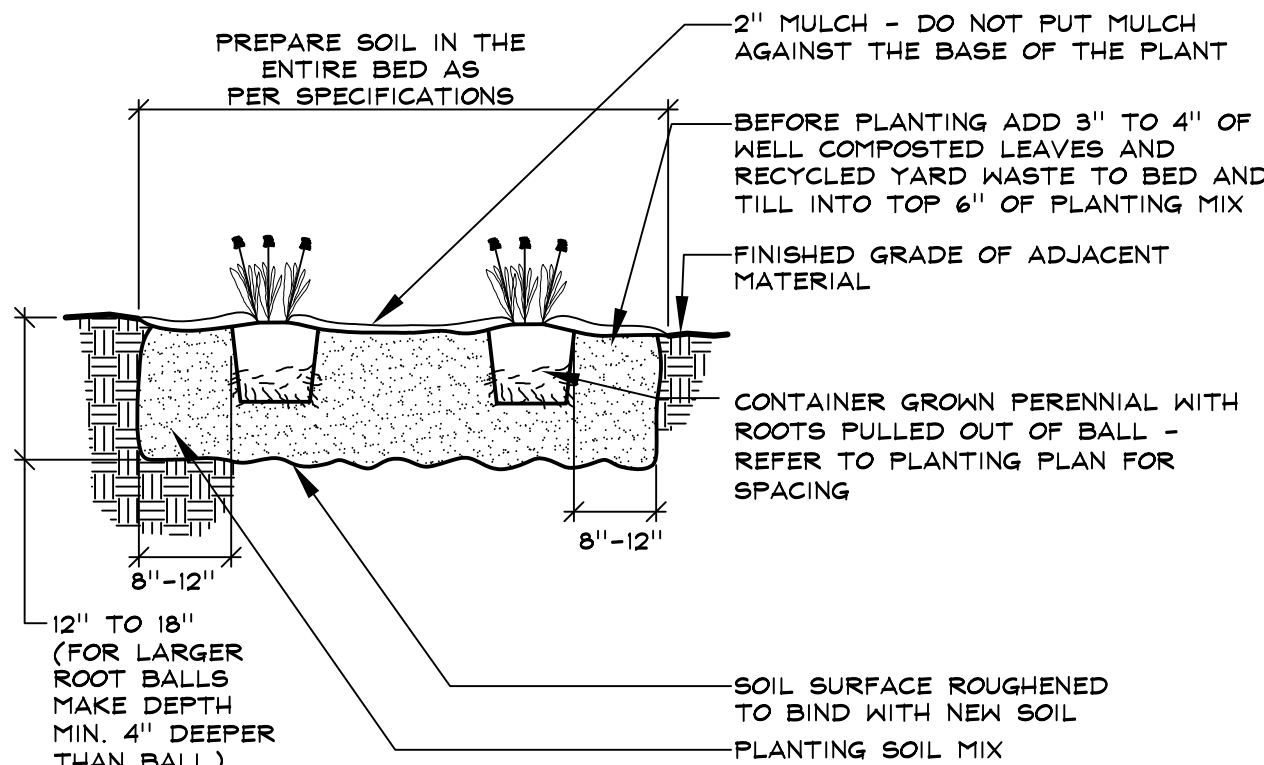
THE ABOVE AMENDMENTS WILL BE CONSIDERED AS A MINIMUM AMENDMENT REQUIREMENT FOR THE PROJECT. ADDITIONAL AMENDMENTS MAY BE REQUIRED AS DETERMINED BY THE SOIL TEST RESULTS. LANDSCAPE ARCHITECT WILL MAKE FINAL DETERMINATION FOR NEED OF ADDITIONAL AMENDMENTS PRIOR TO PLACEMENT OF SOIL MIX IN LAWN AREAS.

LAWN SPECIFICATION

1. REFER TO LB.0 FOR SEED MIX SPECIFICATIONS. ALL SEED MIXES TO BE SOWN AT RATE AS PER MANUFACTURER'S SPECIFICATION.
2. REFER TO SOIL SPECIFICATION ABOVE FOR SOIL TESTING REQUIREMENTS.
3. CONTRACTOR WILL MULCH NEWLY SEEDED LAWN WITH STERILE HAY.
4. CONTRACTOR WILL WATER SEEDED LAWN AREAS LIGHTLY, TWICE DAILY UNTIL SEED IS ESTABLISHED. CONTRACTOR IS RESPONSIBLE FOR LAWN AREAS UNTIL LAWN AREAS ARE CONSIDERED SUBSTANTIALLY ESTABLISHED BY LANDSCAPE ARCHITECT.

MULCH SPECIFICATION

1. CONTRACTOR WILL MULCH ALL SHRUB AREAS, PLANT BEDS AND SAUCERS WITH 2" DEEP SWEET PEAT OR APPROVED EQUAL. NO HARDWOOD OR WOOD CHIPS WILL BE ACCEPTED AS MULCH. CONTRACTOR TO SUBMIT SAMPLE TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO DELIVERY OF MULCH TO PROJECT SITE.



NOTES:

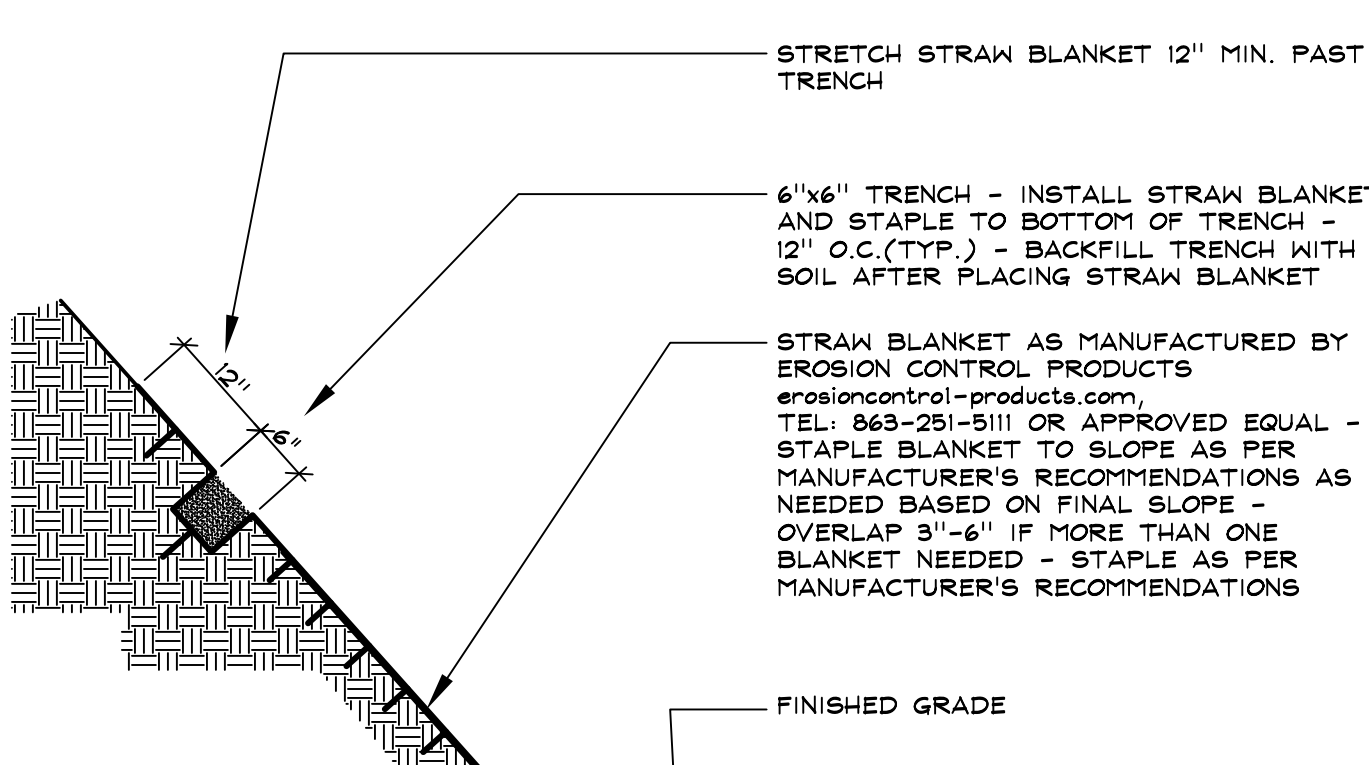
1. USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL; THEN CUT OR PULL APART ANY ROOTS CIRCLING THE PERIMETER OF THE CONTAINER

2. INCORPORATE COMMERCIALY PREPARED MYCORRHIZA SPORES IN THE SOIL IMMEDIATELY AROUND THE ROOT BALL AT RATES SPECIFIED BY THE MANUFACTURER

PERENNIAL PLANTING

LD1.0

P_DALA-RE-GAL-07



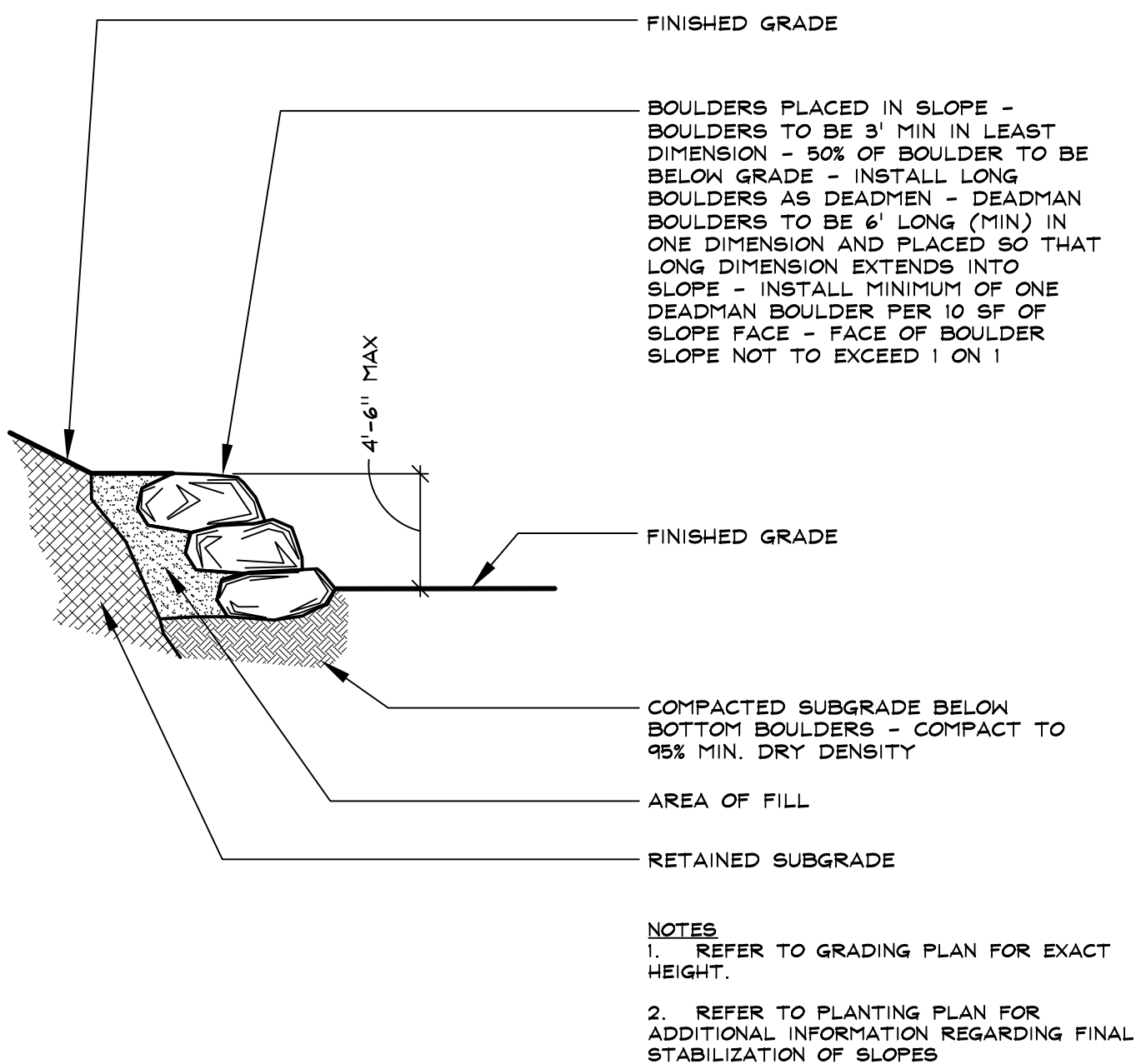
NOTES:

1. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR ADDITIONAL INSTALLATION INFORMATION
2. REFER TO PLANTING PLAN FOR ADDITIONAL INFORMATION REGARDING SLOPE PLANTING AND STABILIZATION.
3. REFER TO GRADING PLAN FOR PROPOSED FINAL SLOPE

STRAW BLANKET

LD1.0

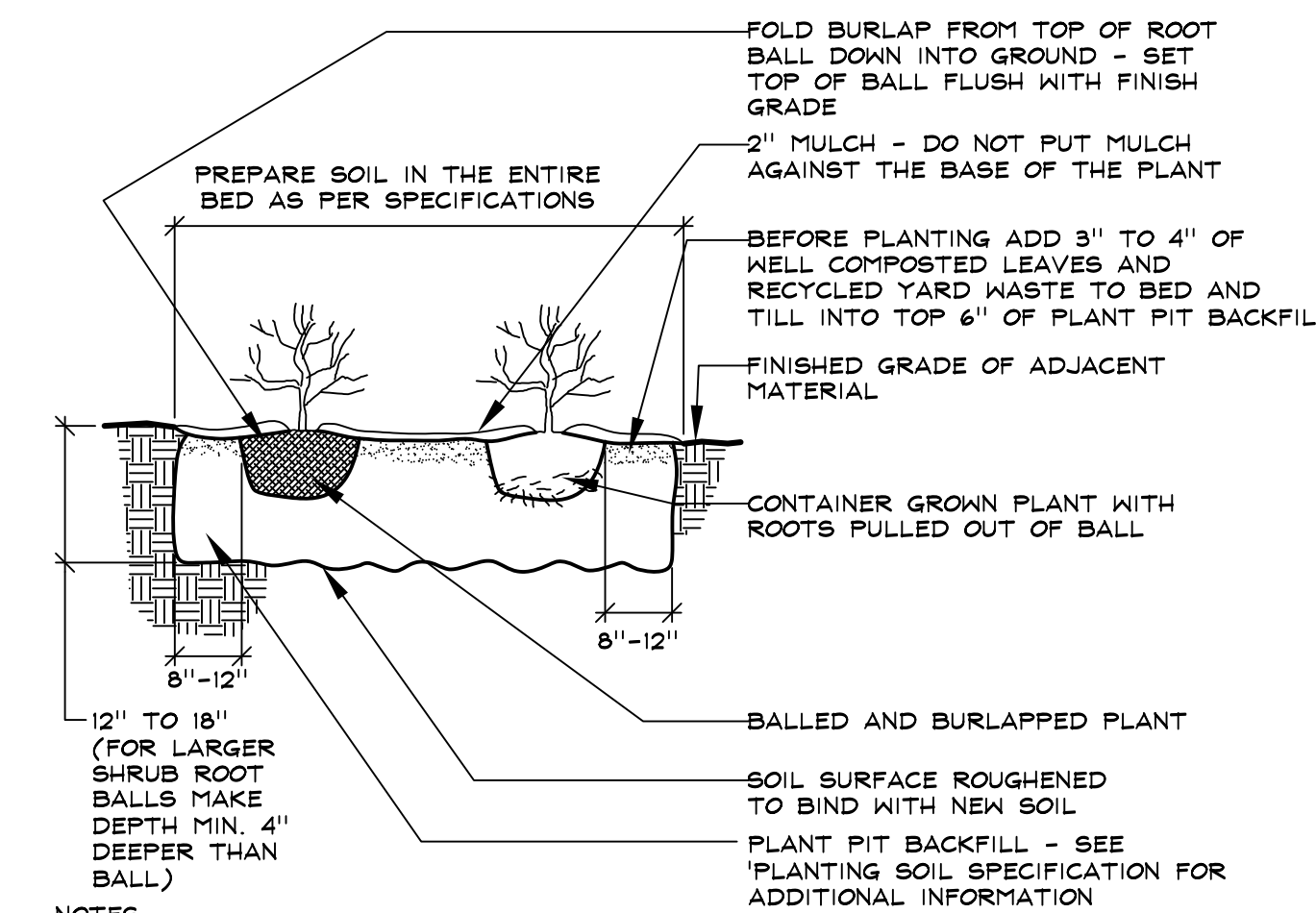
P_DALA-RE-GAL-04



STACKED BOULDER WALL

LD1.0

P_DALA-RE-GAL-05



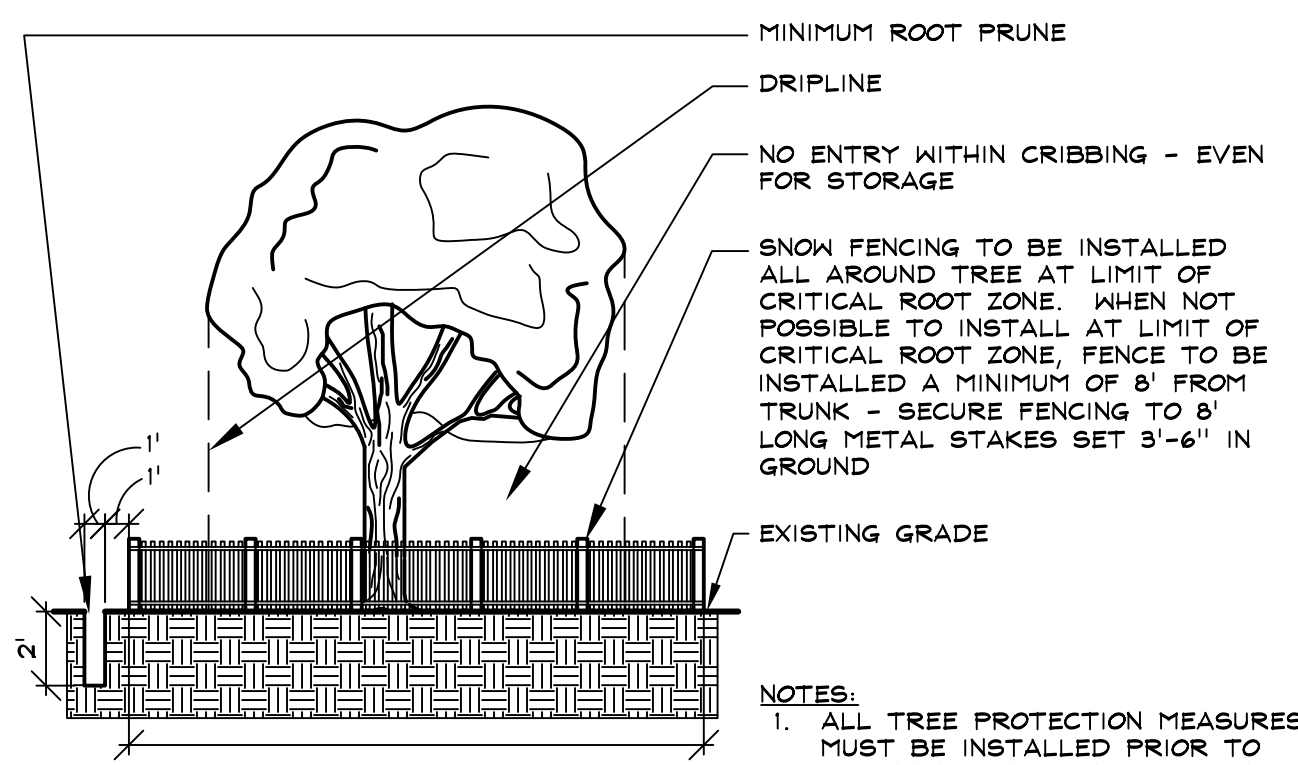
NOTES:

1. FOR CONTAINER GROWN SHRUBS, USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL; THEN CUT OR PULL APART ANY ROOTS CIRCLING THE PERIMETER OF THE CONTAINER.
2. INCORPORATE COMMERCIALY PREPARED MYCORRHIZA SPORES INTO THE SOIL IMMEDIATELY AROUND THE ROOT BALL AT RATES SPECIFIED BY THE MANUFACTURER.
3. THOROUGHLY SOAK THE TREE ROOT BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.

SHRUB PLANTING

LD1.0

P_DALA-RE-GAL-06



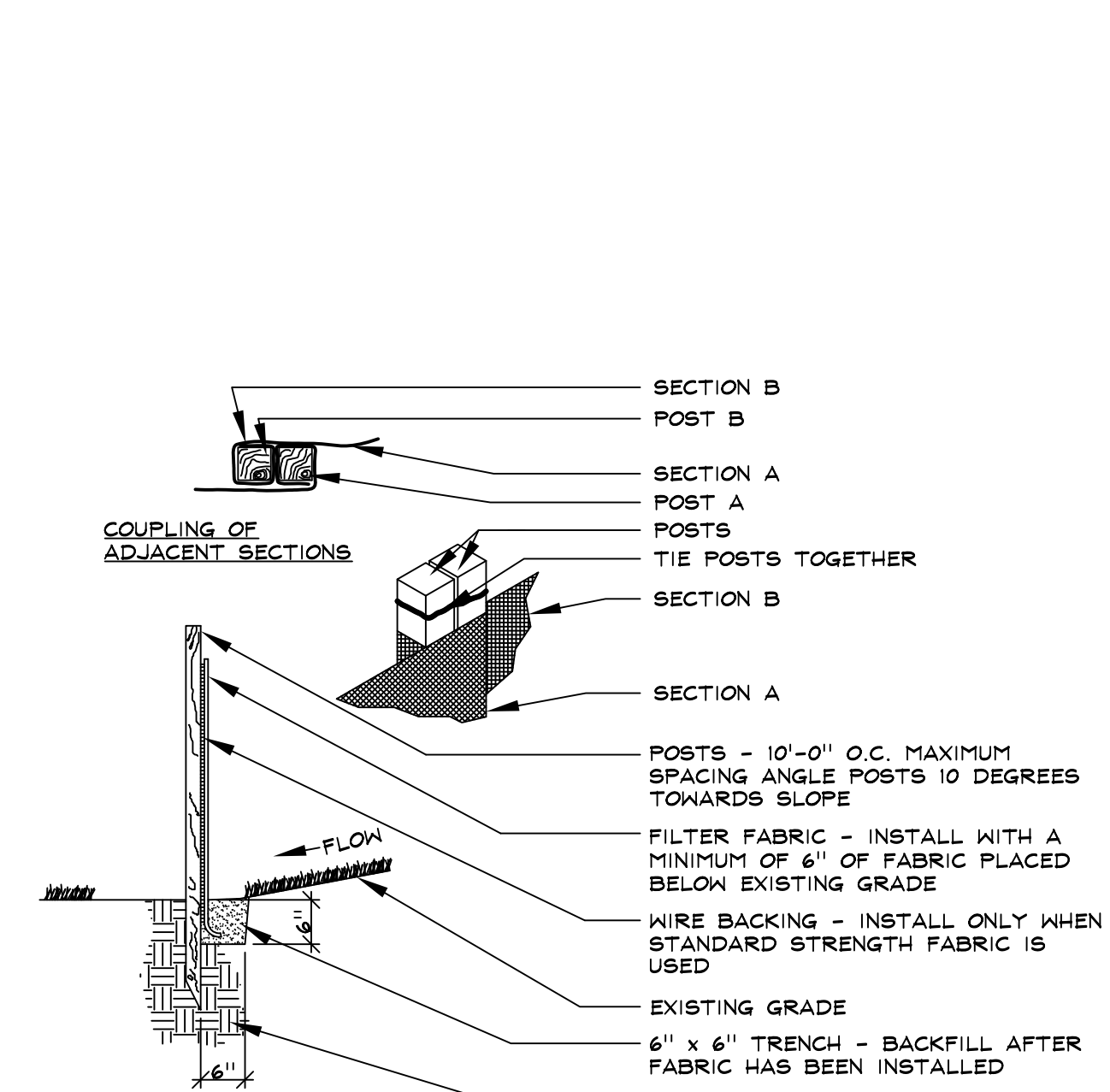
NOTES:

1. ALL TREE PROTECTION MEASURES MUST BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES.
2. FENCE SPECIMEN TREES AND GROUPS OF TREES WHERE ROOT LOSS WILL OCCUR ROOT PRUNE ONE FOOT BEYOND FENCE USING A VIBRATING KNIFE OR NARROW TRENCHER - ALWAYS WITH SHARP BLADES TO MAKE CLEAN CUTS. BACKFILL IMMEDIATELY AND COVER WITH 3" OF MULCH.
3. CONTRACTOR SHALL REMOVE TREE PROTECTION MEASURES AFTER COMPLETION OF PROJECT.

CRIBBING - EXISTING TREE PROTECTION

LD1.0

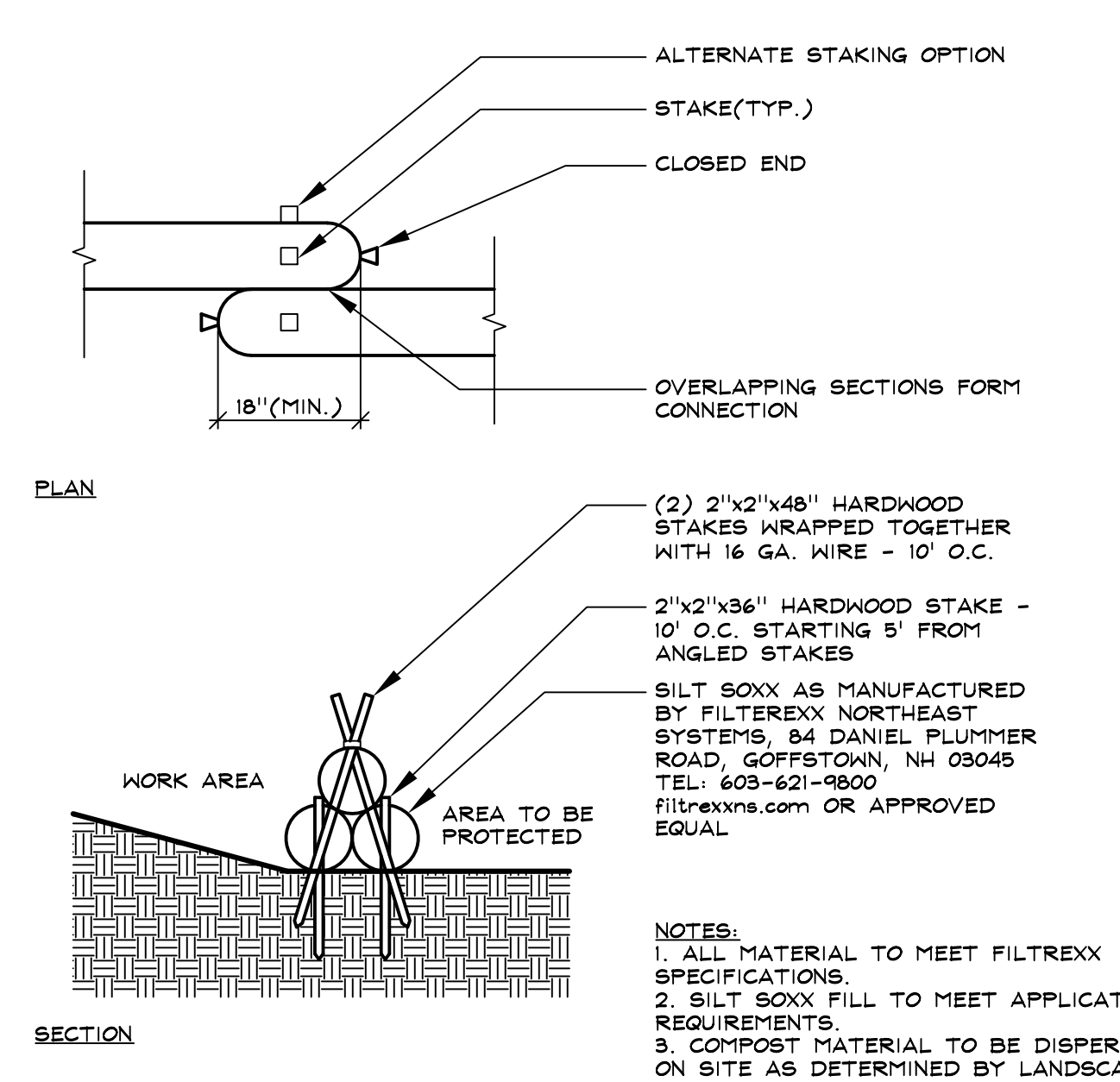
P_DALA-RE-GAL-02



SILTATION FENCE

LD1.0

P_DALA-RE-GAL-09

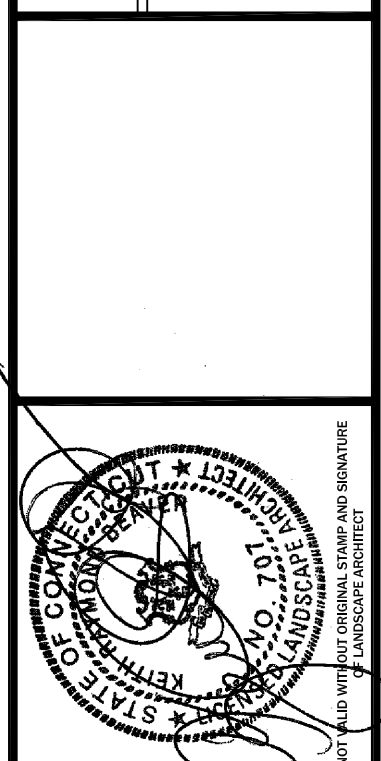


SILT SOXX

LD1.0

P_DALA-RE-GAL-08

DATE:	REVISION
5/12/21	TOWN COMMENTS



70 North Street Suite 303
Danbury, Connecticut 06810
Phone: 203-744-8334
Fax: 203-744-8334
E-mail: dgallo@dallassociates.com
www.dallassociates.com



LANDSCAPE DETAILS
GALLO RESIDENCE
47 SHADOW LANE
WILTON, CONNECTICUT

DATE:	03.23.21
SCALE:	1"=20'
DRAWN BY:	DC, JD
CHECKED BY:	KB
SHEET NO.:	

LD1.0

