

# COPART OF CONNECTICUT, INC.

Map 13, Lot 4 (aka 49 Russell Road)

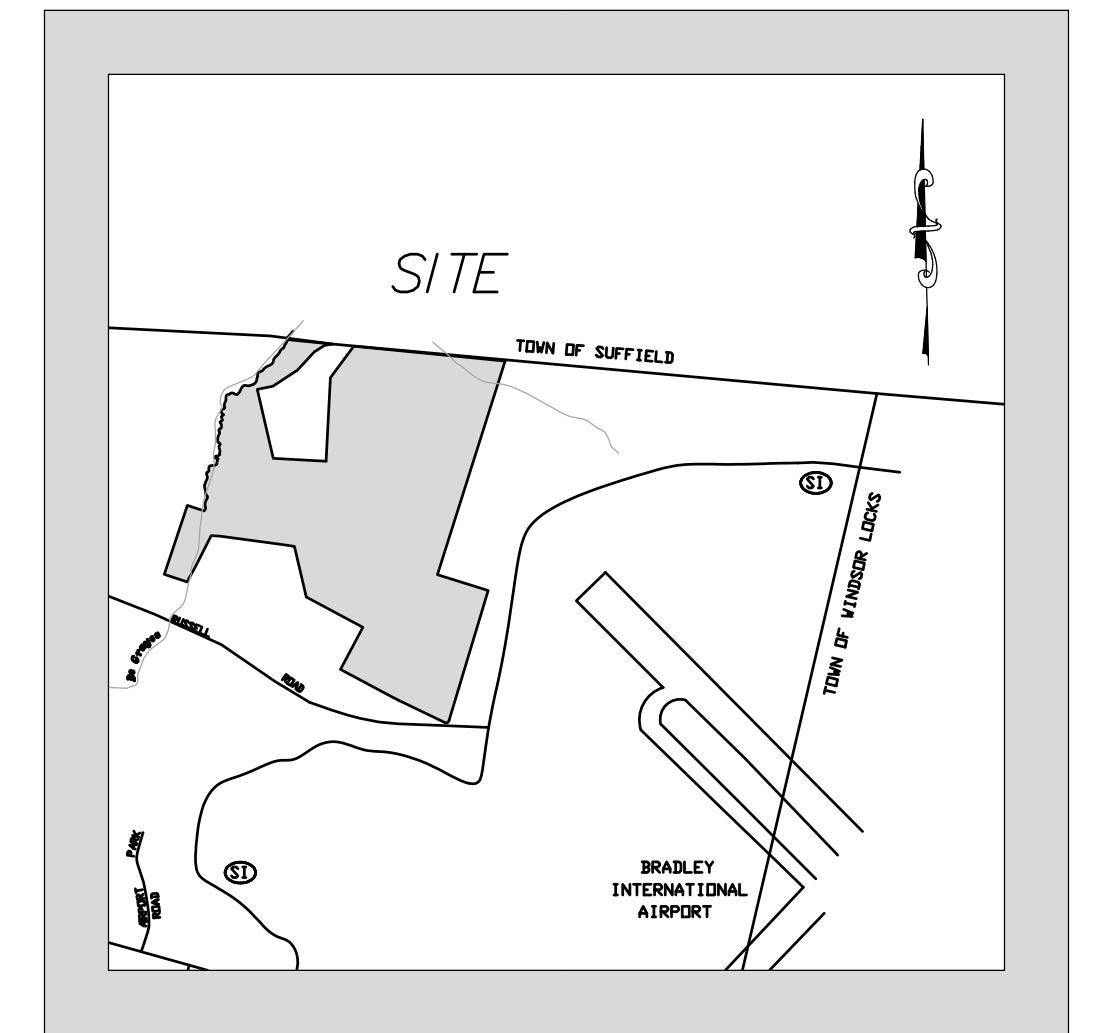
Map 13, Lot 6 (East Street)

Map 12, Lot 47-1 (Russell Road)

East Granby, Connecticut

Inland Wetland & Special Permit Application

August 04, 2023



VICINITY MAP  
(NOT TO SCALE)

## DEVELOPMENT TEAM

Owner/Developer	Copart of Connecticut, Inc. 14185 Dallas Parkway, Suite 300 Dallas, Texas 75254
Civil Engineer & Land Surveyor	F. A. Hesketh & Associates, Inc.
Soil Scientist	Jackson Environmental

## LIST OF DRAWINGS

MA-1	Title Sheet
GR-1 & GR-2	Master Plan
EC-1 & EC-2	Grading and Drainage Plan
SD-1 thru SD-4	Soil Erosion and Sediment Control Plan
NT-1	Details
CP-1	Notes
	Compilation Plan - Existing Conditions Plan

### PERMIT - WETLANDS REGULATED ACTIVITY

I hereby certify that at a meeting on \_\_\_\_\_, the East Granby Conservation Commission gave final approval to this plan to conduct a regulated wetlands activity in accordance with the East Granby Inland Wetlands and Water Courses Regulations.

\_\_\_\_\_  
Chairman Date Signed

In accordance with Section 11.5.1 of the Regulations, this Permit shall expire unless the activity has been initiated by \_\_\_\_\_ (1 year from date of approval).

In accordance with Section 11.4.2 all work in connection with this permit shall be completed by \_\_\_\_\_ (five years of the date of approval). In accordance with Section 11.4.2 the time period within which the regulated activity shall be conducted is limited to \_\_\_\_\_

Received for filing on \_\_\_\_\_ by \_\_\_\_\_  
Town Clerk

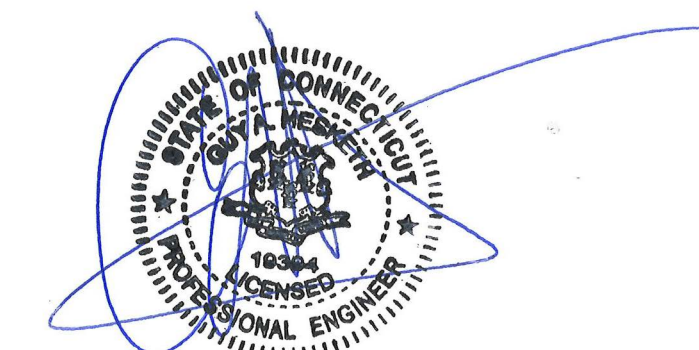
### SPECIAL PERMIT APPROVAL

I hereby certify that at a meeting on \_\_\_\_\_, the East Granby Planning & Zoning Commission approved a special permit in accordance with Section \_\_\_\_\_ of the East Granby Zoning Regulations.

\_\_\_\_\_  
Chairman Date signed

In accordance with Section X.A.1.f. of the zoning regulations, this special permit shall expire on \_\_\_\_\_ (12 months of the date of approval) unless the authorized Special Permit activity has begun or unless an extension of time has been granted by the Commission.

In accordance with CGS 8-3d, any Special Permit shall be recorded in the Land Records.



Guy A. Hesketh P.E. #19394



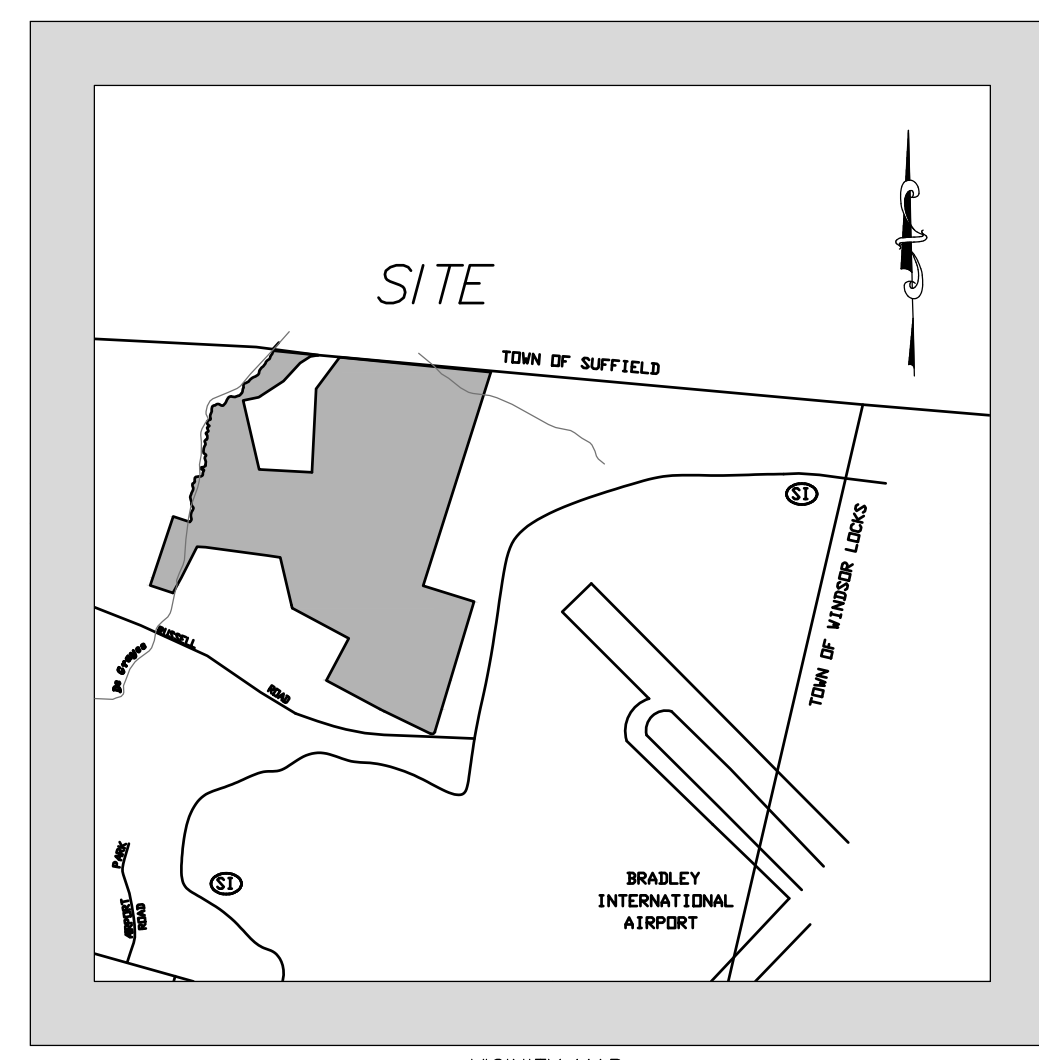
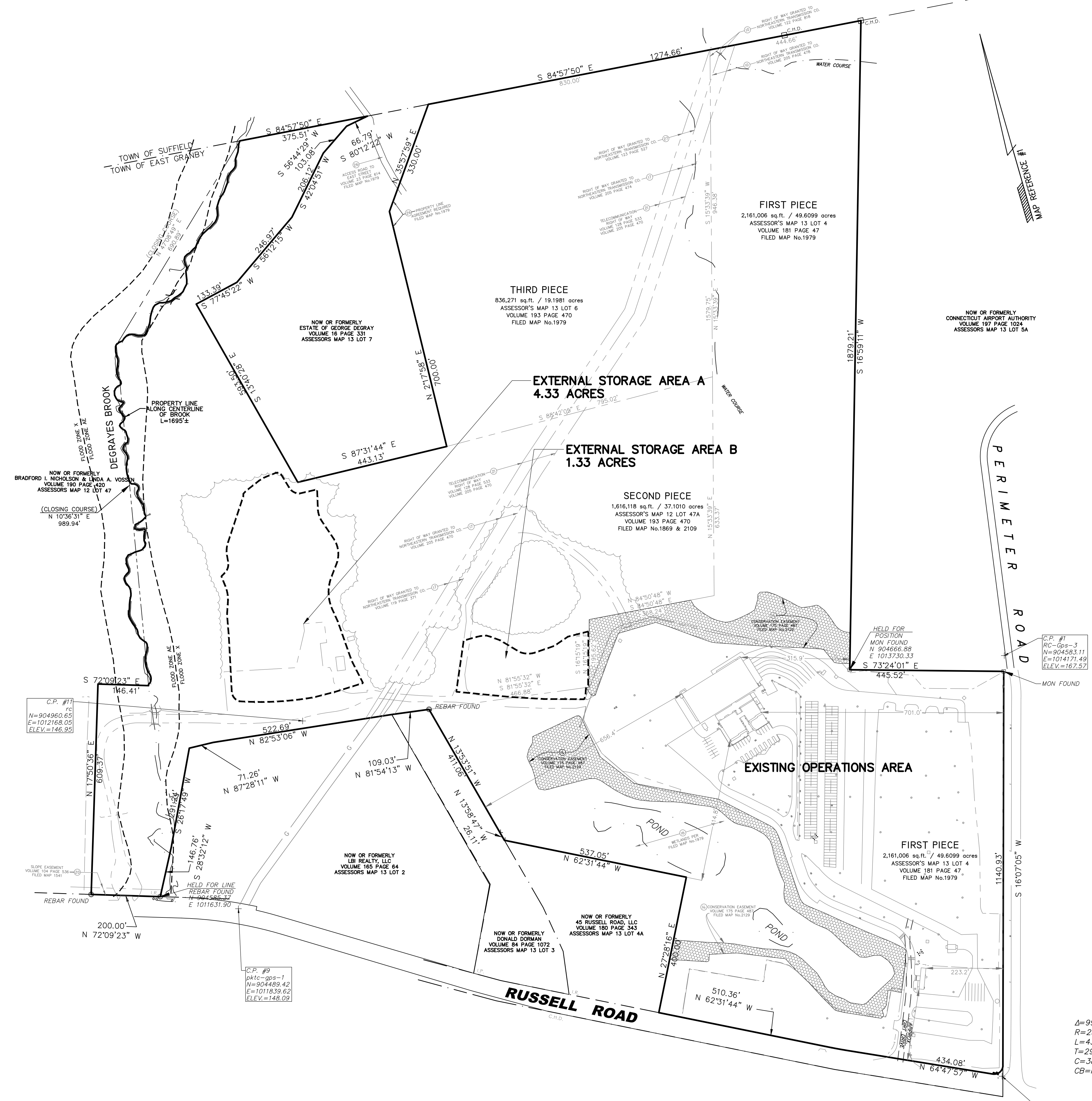
F. A. Hesketh & Associates, Inc.

3 Creamery Brook, East Granby, CT 06026

Phone (860) 653-8000 · Fax (860) 844-8600

Civil & Traffic Engineers · Surveyors · Planners · Landscape Architects





**ZONING DATA**

Zone: COMMERCE PARK B

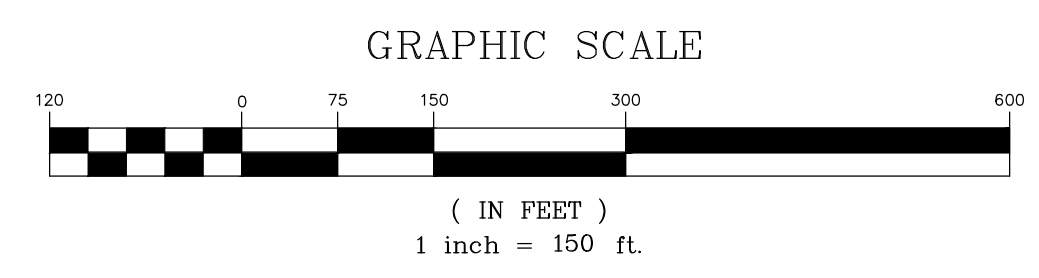
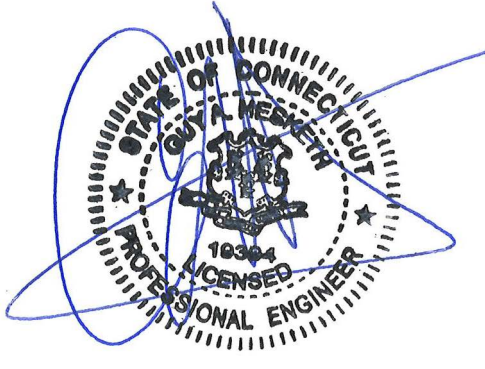
Requirement	Required	Proposed
Maximum Building Height	2-1/2 Stories, 35 feet	< 35 Feet
Minimum Frontage	100 Feet	> 1,140 Feet
Minimum Lot Area	80,000 SF	>> 80,000 SF
Minimum Front Yard Setback	50 Feet	701.0 Feet
Minimum Side Yard Setback	30 Feet	414.8 Feet
Minimum Rear Yard Setback	30 Feet	1,744 Feet
Maximum Lot Coverage	75 Percent	25± Percent

**Proposed Use:**

Section V.C.5.c. Automotive-Type Uses

Virtual(online) auction sales to institutional, commercial, and private owners of used, undamaged or damaged vehicles, and ancillary receiving, shipping, and administrative activities are allowed as a primary use provided:

- all Sales are conducted online, over the internet;
- all vehicles are sold intact with no dismantling, fluid draining, and crushing or part sales are conducted on site;
- external storage shall be subject to PZC Commission approval;
- the provisions of Section IX.D are also met.



A=99°04'58"  
 R=25.00'  
 L=43.23'  
 T=29.31'  
 C=38.04'  
 CB=N65°39'34"E

C.P. #4  
 rc-gps-2  
 N=903414.33  
 E=1013829.83  
 ELEV.=166.93

C.P. #11  
 rc  
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 ELEV.=146.95

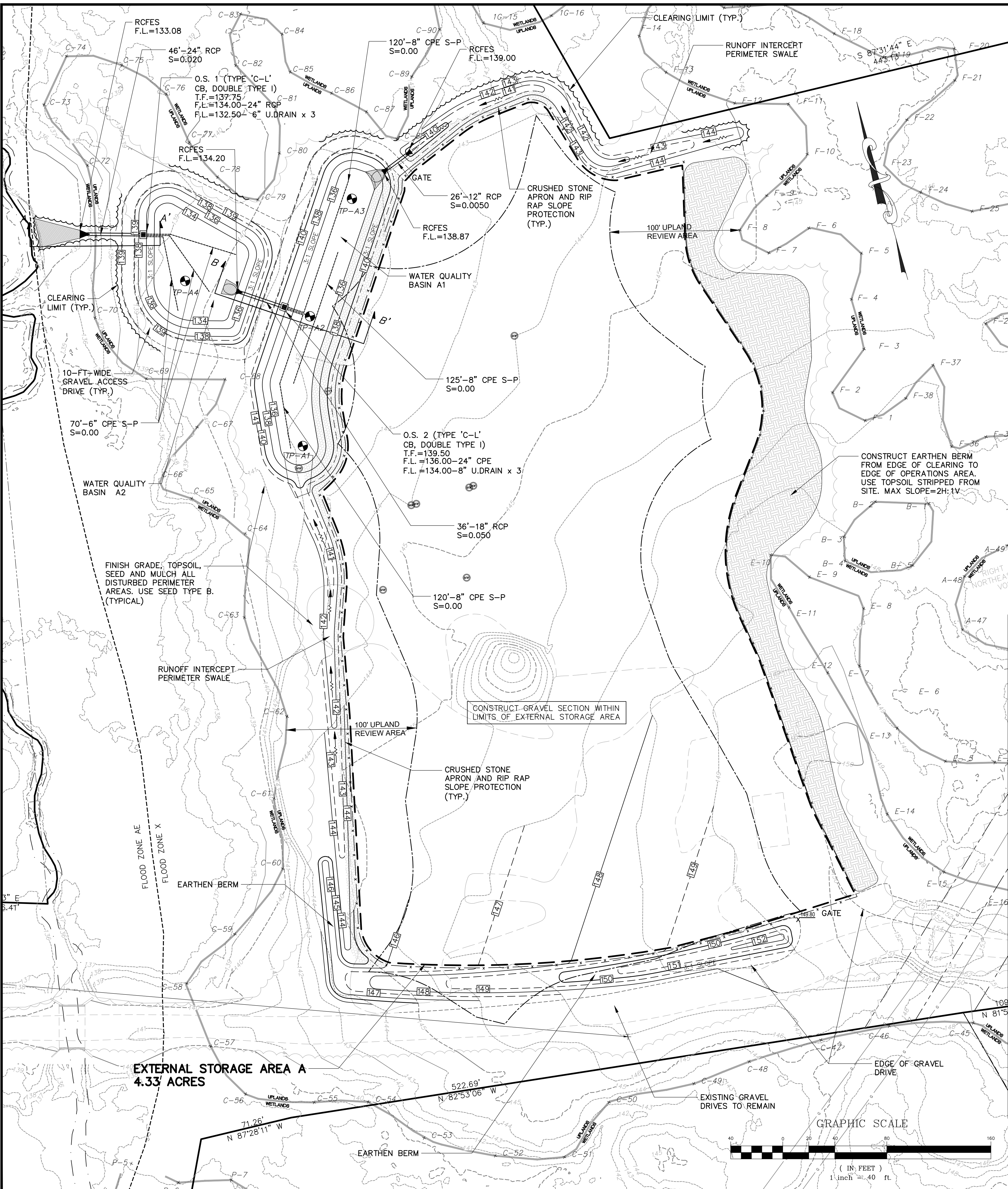
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 ELEV.=148.09

No.	Date	Revisions/Description

MASTER PLAN  
 PROPOSED EXTERNAL STORAGE AREAS  
 PREPARED FOR  
**COPART OF CONNECTICUT, INC.**  
 EAST ST. RUSSEL ROAD & 49 RUSSEL ROAD  
 EAST GRANBY, CONNECTICUT  
 Date: 08-04-2023 Drawn by: IKD Job no: 22107  
 Scale: 1" = 150' Checked by: GAH Sheet no: 1 OF 1  
 10/2022/12/107 - COPART E3 Submittal/2023-08-04 MA-1 2023-08-04.dwg, CP-1, Aug. 03, 2023 - 2:38:03 PM

**MA-1**





- ### LEGEND
- = PROPOSED CATCH BASIN (OUTLET STRUCTURE)
  - = PROPOSED FLARED END SECTION
  - = PROPOSED STORM DRAIN CULVERT
  - = PROPOSED SPOT GRADE
  - = PROPOSED CONTOUR
  - = EXISTING CONTOUR
  - = TEST PIT I.D. AND LOCATION
  - = EXISTING MONITOR WELL

- ### GRADING & DRAINAGE NOTES
1. CONTACT "CALL BEFORE YOU DIG" BY CALLING 811 OR 1-800-922-4455 TO MARK THE LOCATION OF ALL UNDERGROUND UTILITIES AT LEAST 72 HOURS PRIOR TO START OF CONSTRUCTION.
  2. STRIP TOPSOIL FROM AREAS OF WATER QUALITY (WQ) BASIN CONSTRUCTION. STOCKPILE FOR RE-USE.
  3. EXCAVATE/ROUGH GRADE FOR WQ BASINS. STOCKPILE EXCAVATED SUBSOILS FOR RE-USE.
  4. CONSTRUCT WQ BASINS, ASSOCIATED STORMWATER DRAINAGE STRUCTURES, GRAVEL ACCESS DRIVES, ETC. TOPSOIL, SEED AND INSTALL EROSION CONTROL FABRIC ON SIDESLOPES OF BASINS. SEED AND MULCH ALL DISTURBED AREAS ADJACENT TO BASINS NOT TO BE COMPLETED AS A GRAVEL DRIVE OR OPERATIONS AREA.
  5. STRIP TOPSOIL FROM AREAS OF PERIMETER SWALES AND STOCKPILE FOR RE-USE.
  6. EXCAVATE/ROUGH GRADE SWALES. STOCKPILE EXCAVATED SUBSOILS FOR RE-USE.
  7. FINISH GRADE PERIMETER SWALES. TOPSOIL, SEED AND MULCH AND INSTALL EROSION CONTROL BLANKETS. SEED AND MULCH ALL DISTURBED AREAS BETWEEN SWALES AND ADJACENT WETLANDS.
  8. STRIP TOPSOIL FROM OPERATIONS AREA. USE TOPSOIL TO CONSTRUCT EARTHEN BERM ON EASTERN AND SOUTHERN PERIMETER OF OPERATIONS AREA. SEED WITH CONSERVATION SEED MIX AND MULCH TO ESTABLISH VEGETATION. REMOVE EXCESS TOPSOIL FROM SITE.
  9. SPREAD SUITABLE SUBSOILS EXCAVATED FROM WQ BASINS AND PERIMETER SWALES EVENLY OVER OPERATIONS AREA AND COMPACT. GRADE TO DRAIN TO PERIMETER SWALES AND WATER QUALITY BASINS.
  10. CONSTRUCT CRUSHED STONE APRON AT TRANSITION OF OPERATIONS AREA AND SWALES AND WATER QUALITY BASINS, AS SHOWN.
  11. CONSTRUCT GRAVEL SECTION OVER OPERATIONS AREA.

- ### DRAINAGE NOTES
1. CPE = CORRUGATED POLYETHYLENE PIPE CONFORMING TO CT DOT 818, M.08.01-18
    - 1.1. TYPE S - SMOOTH INTERIOR
    - 1.2. TYPE S-P - SMOOTH INTERIOR, PERFORATED, IF SPECIFIED AS CPE S-P
  2. RCP = REINFORCED CONCRETE PIPE (CLASS IV) CONFORMING TO CT DOT FORM 818, M.08.01-7.
  3. RCFES = REINFORCED CONCRETE FLARED END SECTION CONFORMING TO CT DOT SECTION M.08.01-11.
  4. CATCH BASINS/OUTLET STRUCTURES SHALL CONFORM TO CONN. D.O.T. FORM 818 SECTION M.08.02.
  5. UNDERGROUND UTILITIES DEPICTED ON THIS DRAWING ARE A COMPILATION OF FIELD SURVEY DATA, RECORD DESIGN GRADING, AND READILY AVAILABLE INFORMATION. NOT ALL UTILITIES MAY BE SHOWN, AND THOSE SHOWN MAY NOT BE ACCURATE. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO START OF CONSTRUCTION OF UTILITIES. CONDUCT TEST PITS AT ALL UTILITY CROSSINGS AND POINT OF CONNECTIONS WITH EXISTING UTILITIES. NOTIFY DESIGN ENGINEER OF POTENTIAL CONFLICTS WITH PROPOSED ALIGNMENT AND GRADE.
  6. ALL MATERIALS AND INSTALLATION PER TOWN OF EAST GRANBY, CT DOT FORM 818, OR CUSTODIAL UTILITY COMPANY SPECIFICATION, AS APPROPRIATE.

- ### RESTORATION AND SEEDING NOTES:
1. RESTORE ALL DISTURBED AREAS NOT TO RECEIVE GRAVEL SURFACE OR RIP RAP PROTECTION BY FINISH GRADING, TOPSOIL, SEED, AND MULCH.
  2. SEED BOTTOM AND SIDESLOPES (THAT ARE NOT TO RECEIVE RIP RAP PROTECTION) OF ALL VEGETATED SWALES (RUNOFF PERIMETER INTERCEPTOR SWALES) WITH SEED TYPE B.
  3. SEED SIDESLOPES (THAT ARE NOT TO RECEIVE RIP RAP PROTECTION) OF ALL WATER QUALITY BASINS AND WATER QUALITY SWALES WITH SEED TYPE B.
  4. SUPPLEMENT SEED OF SIDESLOPES OF ALL WATER QUALITY BASINS AND WATER QUALITY SWALES WITHIN 2 FEET OF BOTTOM OF BASIN WITH SEED TYPE C.
  5. TOPSOIL, SEED AND MULCH EARTHEN BERMS WITH SEED TYPE B.
  6. WHERE SPECIFIED, INSTALL EROSION CONTROL BLANKETS.

#### Seed Type B - Conservation Mix

New England Erosion Control / Restoration Mix  
 By: New England Wetland Plants, Inc. or approved equal  
 Seed rate: 35 pounds per Acre

Switchgrass (*Panicum virgatum*), Virginia Wild Rye (*Elymus virginicus*), Creeping Red Fescue (*Festuca rubra*), Fox Sedge (*Carex vulpinoidea*), Creeping Bentgrass (*Agrostis stolonifera*), Silky Wild Rye (*Elymus villosus*), Partridge Pea (*Chamaecrista fasciculata*), Soft Rush (*Juncus effusus*), Flat-top Aster (*Aster umbellatus*), Nodding Bur-marigold (*Bidens cernua*), Joe-pye Weed (*Eupatorium maculatum*), Boneset (*Eupatorium perfoliatum*), Grass-leaved Goldenrod (*Solidago graminifolia*), Grey Goldenrod (*Solidago nemoralis*)

#### Seed Type C - WetMix

New England Wetmix  
 by New England Wetland Plants, Inc.  
 www.newp.com  
 413-548-8000

Application Rate: 1 lbs per 2,500 square feet

Fox Sedge (*Carex vulpinoidea*), Hop Sedge (*Carex lupulina*), Bearded Sedge (*Carex comosa*), Lurid Sedge (*Carex lurida*), Nodding Bur Marigold (*Bidens cernua*), Soft Rush (*Juncus effusus*), Grass-leaved Goldenrod (*Solidago graminifolia*), Blue Vervain (*Verbena hastata*), Boneset (*Eupatorium perfoliatum*), Flat-top Aster (*Aster umbellatus*), Hard-stem Bulrush (*Scirpus acutus*), Green Bulrush (*Scirpus cyperinus*), Sensitive Fern (*Oncoclea sensibilis*), Spotted Joe-Pye Weed (*Eupatorium maculatum*), Water Plantain (*Alisma plantago-aquatica*), Soft-Stem Bulrush (*Scirpus validus*), Ditch Stonecrop (*Penthorum sedoides*)

### MONITOR WELL NOTE:

ULTIMATE DISPOSITION OF ON-SITE MONITORING WELLS SHALL BE DETERMINED BY PROJECT LICENSED ENVIRONMENTAL PROFESSIONAL AND OWNER. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ABANDONMENT OF THE MONITOR WELLS WITH THE LICENSED ENVIRONMENTAL PROFESSIONAL AND OWNER.

### TEST PIT DATA

TP	Depth	Soil Description	Notes
TP-A1	0-16"	DARK BROWN FINE SANDY LOAM, TOPSOIL VERY FRIABLE, MOIST	GROUNDWATER SEEP @ 28". NO ROCKS, NO ROOTS 10' PVC STANDPIPE SET. STICK-UP = 36.5"
	19-29"	TAN/BROWN FINE SANDY LOAM, VERY COMPACT, MOIST	
	29-66"	REDDISH-BROWN FINE SANDY LOAM VERY COMPACT	
TP-A2	0-12"	DARK BROWN FINE SANDY LOAM, TOPSOIL FRIABLE, MOIST	GROUNDWATER SEEP @ 60", WATER BUBBLING IN UNDER HYDROSTATIC PRESSURE SEEPS NOTED STARTING AT 24". REDOX FEATURES NOTED AT 24". NO ROCKS, NO ROOTS 10' PVC STANDPIPE SET. STICK-UP = 42"
	12-24"	TAN/BROWN FINE SANDY LOAM, VERY COMPACT, MOIST	
	24-66"	REDDISH-BROWN FINE SANDY LOAM, VERY COMPACT	
TP-A3	0-12"	BROWN FINE SANDY LOAM, VERY DISTURBED, VERY FRIABLE, MOIST.	GROUNDWATER SEEP @ 30", SURFICIAL SEEPS FROM RECENT RAIN. NO ROCKS, NO ROOTS 10' PVC STANDPIPE SET. STICK-UP = 35.5"
	12-38"	TAN/BROWN FINE SANDY LOAM, FIRM, MOIST.	
	38-66"	BROWN W/ SHADES OF GREY, FINE SANDY LOAM, COMPACT, COHESIVE, MOIST.	
TP-A4	0-5"	BROWN FINE SANDY LOAM, VERY DISTURBED, VERY FRIABLE, MOIST.	GROUNDWATER SEEP @ 18" 10' PVC STANDPIPE SET. STICK-UP = 40"
	5-18"	TAN/BROWN FINE SANDY LOAM, FIRM, MOIST.	
	18-32"	REDDISH-BROWN FINE SANDY LOAM, VERY COMPACT W/ 20% STONES 3" DIA. AND SMALLER	
	32-60"	REDDISH-BROWN FINE SANDY LOAM	
	60-72"	HARD PAN, RED LOAMY	

NOTE: EARTHWORK AND GRADING ACTIVITIES ARE PROPOSED ADJACENT TO HIGH-PRESSURE NATURAL GAS TRANSMISSION PIPELINES. THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES ADJACENT AND WITHIN THE GAS RIGHT OF WAY WITH THE CUSTODIAL GAS COMPANY PRIOR TO START OF CONSTRUCTION.

GRADING AND DRAINAGE PLAN  
 PREPARED FOR  
**COPART OF CONNECTICUT, INC.**  
 EAST ST. RUSSELL ROAD & 49 RUSSELL ROAD  
 EAST GRANBY, CONNECTICUT  
 Date: 08-04-2023 Drawn by: DRT Job no: 22107  
 Scale: 1" = 40' Checked by: GAH Sheet no: 1 OF 2  
 V:\2022\22107 - COPART EIS\Submit\2023-08-04 GR-1 2023-08-04.dwg, GR-1, Aug. 11, 2023 10:40:36 AM

**F. A. Hesketh & Associates, Inc.**  
 3 Creamery Brook, East Granby, CT 06026  
 Phone (860) 653-8000 Fax (860) 844-8600  
 www.fahsketh.com  
 Civil & Traffic Engineers - Surveyors - Planners - Landscape Architects

**GR-1**



**RESTORATION AND SEEDING NOTES:**

- RESTORE ALL DISTURBED AREAS NOT TO RECEIVE GRAVEL SURFACE OR RIP RAP PROTECTION BY FINISH GRADING, TOPSOIL, SEED, AND MULCH.
- SEED SIDESLOPES (THAT ARE NOT TO RECEIVE RIP RAP PROTECTION) OF ALL WATER QUALITY BASINS AND WATER QUALITY SWALES WITH SEED TYPE B.
- SUPPLEMENT SEED OF SIDESLOPES OF ALL WATER QUALITY BASINS AND WATER QUALITY SWALES WITHIN 2 FEET OF BOTTOM OF BASIN WITH SEED TYPE C.
- TOPSOIL, SEED AND MULCH EARTHEN BERMS WITH SEED TYPE B.
- WHERE SPECIFIED, INSTALL EROSION CONTROL BLANKETS.

**Seed Type B - Conservation Mix**

New England Erosion Control / Restoration Mix  
 By: New England Wetland Plants, Inc. or approved equal  
 Seed rate: 35 pounds per Acre  
 Switchgrass (*Panicum virgatum*), Virginia Wild Rye (*Elymus virginicus*), Creeping Red Fescue (*Festuca rubra*), Fox Sedge (*Carex vulpinoidea*), Creeping Bentgrass (*Agrostis stolonifera*), Silky Wild Rye (*Elymus villosus*), Partridge Pea (*Chamaecrista fasciculata*), Soft Rush (*Juncus effusus*), Flat-top Aster (*Aster umbellatus*), Nodding Bur-marigold (*Bidens cernua*), Joe-pye Weed (*Eupatorium maculatum*), Boneset (*Eupatorium perfoliatum*), Grass-leaved Goldenrod (*Solidago graminifolia*), Grey Goldenrod (*Solidago nemoralis*)

**Seed Type C - WetMix**

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 Application Rate: 1 lbs per 2,500 square feet  
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**LEGEND**

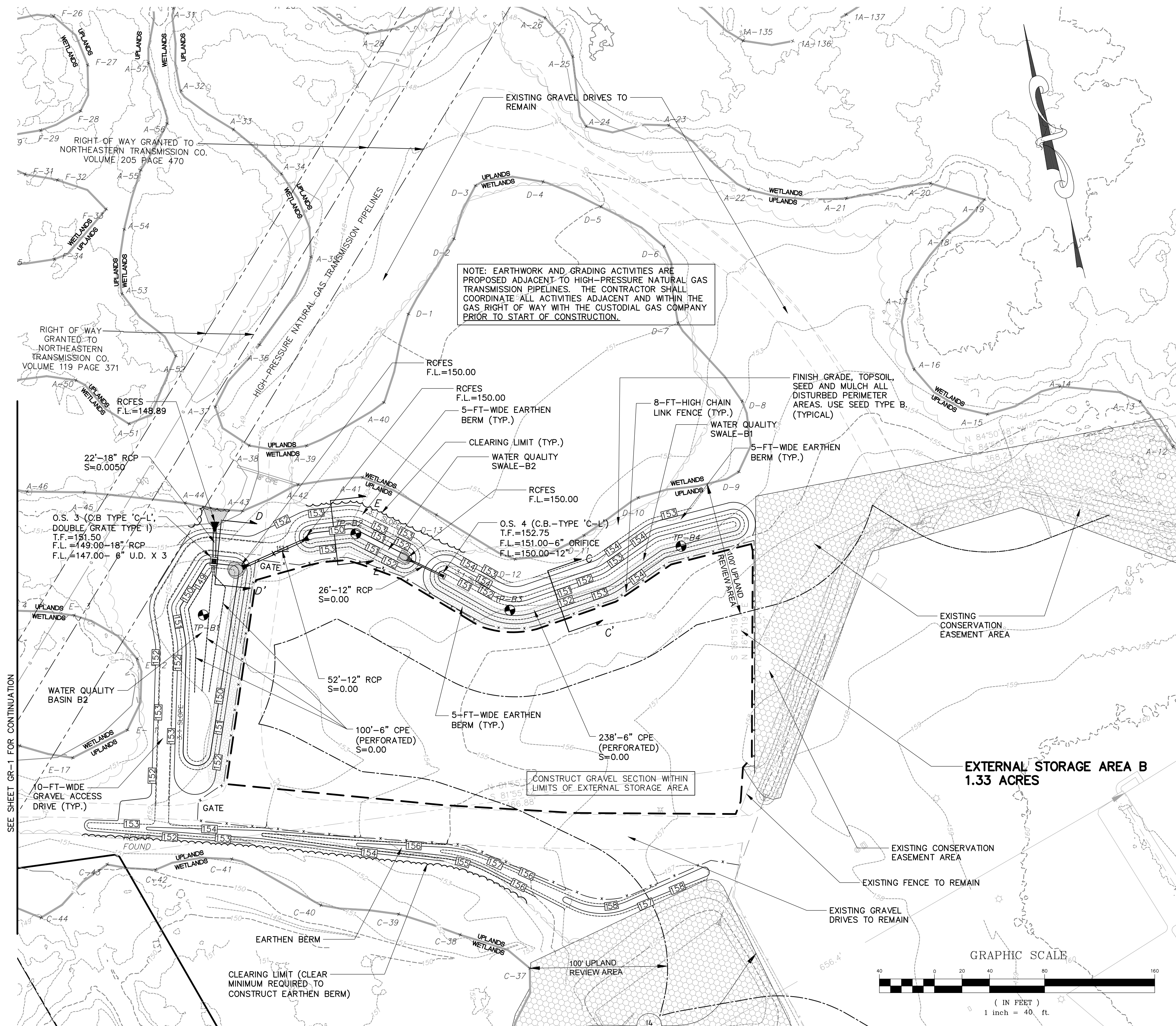
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**GRADING & DRAINAGE NOTES**

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- EXCAVATE/ROUGH GRADE FOR WQ BASIN. STOCKPILE EXCAVATED SUBSOILS FOR RE-USE.
- CONSTRUCT WQ BASIN ASSOCIATED STORMWATER DRAINAGE STRUCTURES, GRAVEL ACCESS DRIVES, ETC. TOPSOIL, SEED AND MULCH AND INSTALL EROSION CONTROL FABRIC ON SIDESLOPES OF BASIN. SEED AND MULCH ALL DISTURBED AREAS ADJACENT TO BASIN.
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- EXCAVATE/ROUGH GRADE SWALES. STOCKPILE EXCAVATED SUBSOILS FOR RE-USE.
- CONSTRUCT WQ SWALE ASSOCIATED STORMWATER DRAINAGE STRUCTURES AND PIPING.
- FINISH GRADE WATER QUALITY SWALES. TOPSOIL, SEED AND MULCH AND INSTALL EROSION CONTROL BLANKETS IN SIDESLOPES OF SWALES. TOPSOIL, SEED AND MULCH ALL DISTURBED AREAS ADJACENT TO SWALES BETWEEN SWALES AND ADJACENT WETLANDS.
- STRIP TOPSOIL FROM OPERATIONS AREA. USE TOPSOIL TO CONSTRUCT EARTHEN BERM ON SOUTHERN PERIMETER OF OPERATIONS AREA. SEED WITH CONSERVATION SEED MIX AND MULCH TO ESTABLISH VEGETATION. REMOVE EXCESS TOPSOIL FROM SITE.
- SPREAD SUITABLE SUBSOILS EXCAVATED FROM WQ BASIN AND WATER QUALITY SWALES EVENLY OVER OPERATIONS AREA AND COMPACT. GRADE TO DRAIN TO SWALES AND WATER QUALITY BASIN.
- CONSTRUCT CRUSHED STONE APRON AT TRANSITION OF OPERATIONS AREA AND SWALES AND WATER QUALITY BASIN, AS SHOWN.
- CONSTRUCT GRAVEL SECTION OVER OPERATIONS AREA.

**DRAINAGE NOTES**

- CPE = CORRUGATED POLYETHYLENE PIPE CONFORMING TO CT DOT 818, M.08.01-18
  - TYPE S - SMOOTH INTERIOR
  - TYPE S-P - SMOOTH INTERIOR, PERFORATED, IF SPECIFIED AS CPE S-P
- RCP = REINFORCED CONCRETE PIPE (CLASS IV) CONFORMING TO CT DOT FORM 818, M.08.01-7.
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- ALL MATERIALS AND INSTALLATION PER TOWN OF EAST GRANBY, CT DOT FORM 818, OR CUSTODIAL UTILITY COMPANY SPECIFICATION, AS APPROPRIATE.



NOTE: EARTHWORK AND GRADING ACTIVITIES ARE PROPOSED ADJACENT TO HIGH-PRESSURE NATURAL GAS TRANSMISSION PIPELINES. THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES ADJACENT AND WITHIN THE GAS RIGHT OF WAY WITH THE CUSTODIAL GAS COMPANY PRIOR TO START OF CONSTRUCTION.

**TEST PIT DATA**

**TP-B1**

- A 0-19" FILL
- B 19-27" TAN/BROWN FINE SANDY LOAM, VERY FRIABLE
- C 27-52" TAN/BROWN MED. SAND, LITTLE TO NO LOAM, VERY FRIABLE, MOIST

GROUNDWATER @ 52"  
 10' PVC STANDPIPE SET. STICK-UP = 31"

**TP-B2**

- A 0-10" FILL
- B 10-34" TAN/BROWN FINE SANDY LOAM, FRIABLE, MOIST
- C1 34-48" LENSES OF MEDIUM SAND AND FINE SANDY LOAM
- C2 48-64" BROWN/TAN MEDIUM SAND, LOOSE, WET
- C3 64-84" FINE SANDY LOAM, MOIST

GROUNDWATER SEEP @ 64"  
 REDOX FEATURES NOTED 48"-64"  
 10' PVC STANDPIPE SET. STICK-UP = 32"

**TP-B3**

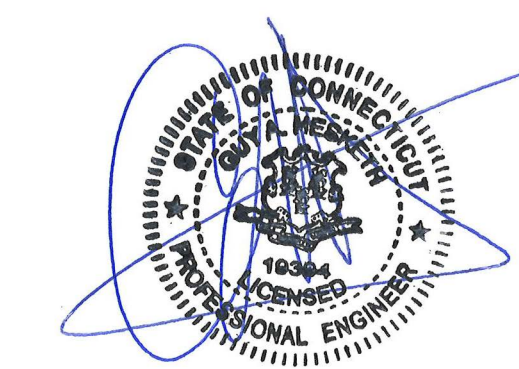
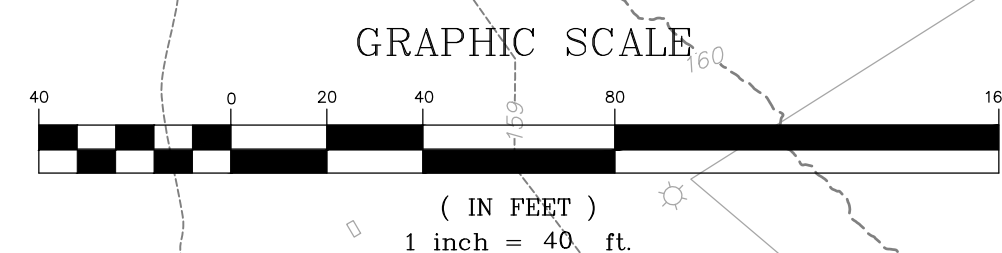
- A 0-14" FILL
- B 14-32" FINE SANDY LOAM, VERY FRIABLE
- C1 32-40" LENSES OF FINE SANDY LOAM AND MEDIUM SAND
- C2 40-48" MEDIUM SAND, VERY FRIABLE, NO REDOX
- C3 48-84" BROWN FINE SANDY LOAM, MOIST, FRIABLE

10' PVC STANDPIPE SET. STICK-UP = 29.5"

**TP-B4**

- A 0-24" FILL/DISTURBED SOIL
- B 24-56" FINE SANDY LOAM, FIRM, MOIST, REDOX FEATURES THROUGHOUT
- C1 56-70" FINE GREY SAND, SATURATED
- C2 70-84" BROWN/GREY FINE SANDY LOAM, FORM, SATURATED

10' PVC STANDPIPE SET. STICK-UP = 30.5"

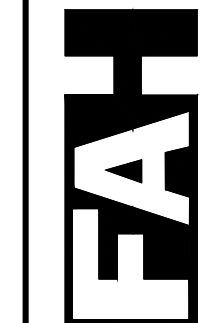


No.	Date	Description

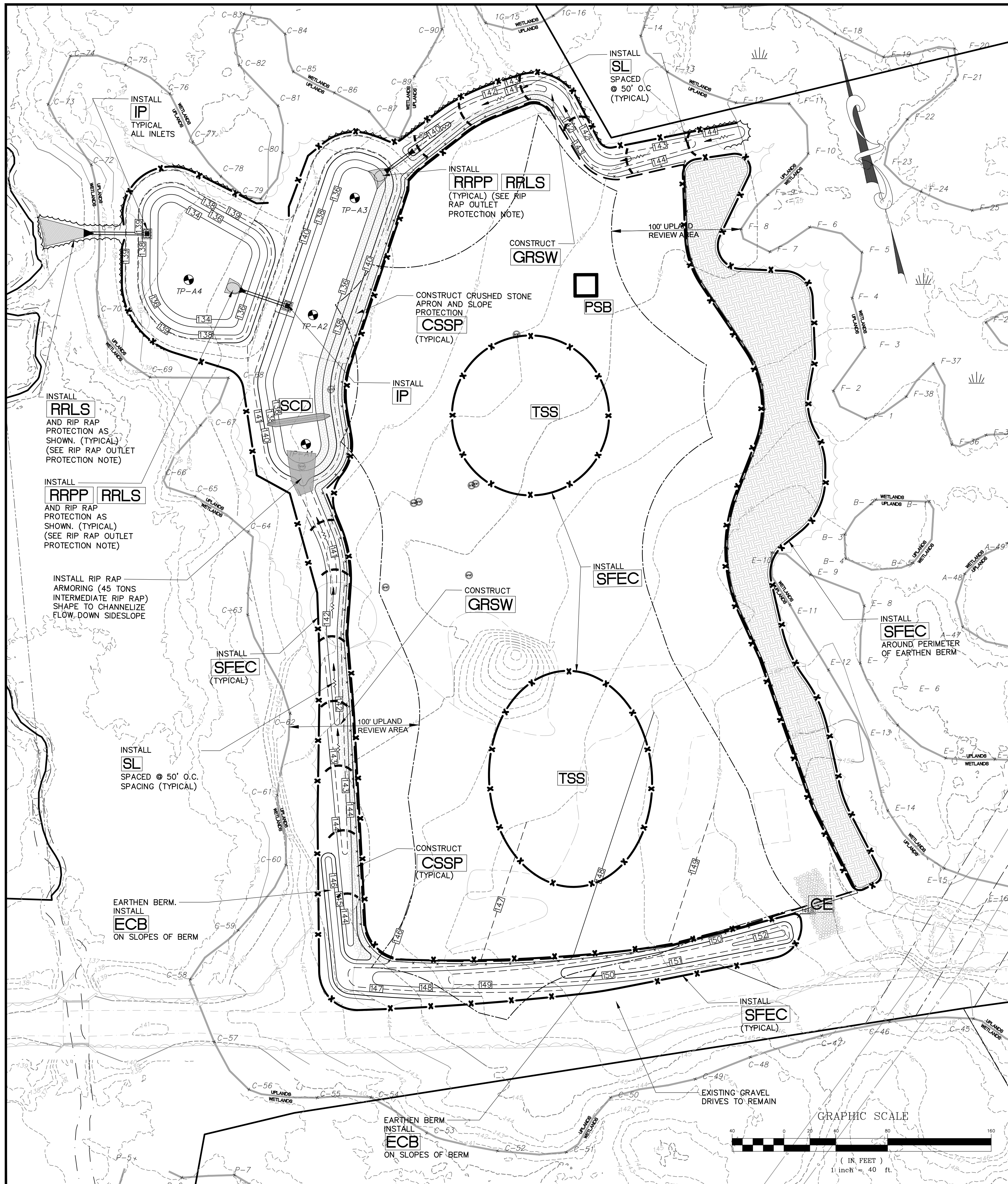
GRADING AND DRAINAGE PLAN  
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 Date: 08-04-2023 Drawn by: DRT Job no: 22107  
 Scale: 1" = 40' Checked by: GAH Sheet no: 2 OF 2  
 0:2022:22107 - COPART E&D Submittal 2023-08-04 GR-1 2023-08-04.dwg, GR-2, Aug. 11, 2023 = 10:35:35 AM

**GR-2**

**F. A. Hesketh & Associates, Inc.**  
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 www.fahsketh.com  
 Civil & Traffic Engineers • Surveyors • Planners • Landscape Architects







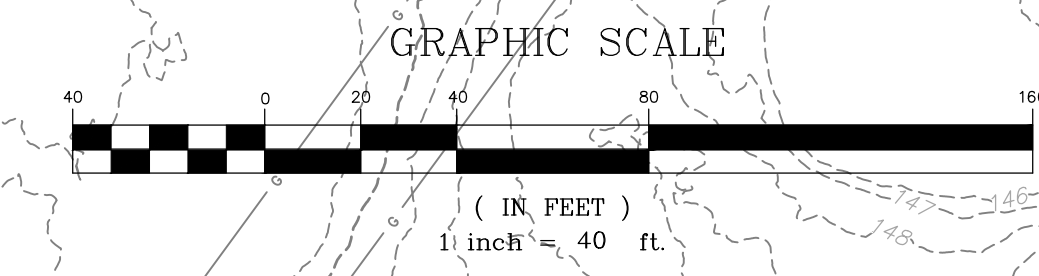
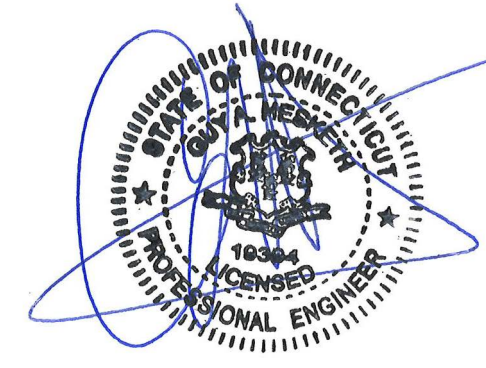
**LEGEND**

	= PROPOSED CATCH BASIN (OUTLET STRUCTURE)		<b>CE</b> = CONSTRUCTION ENTRANCE
	= PROPOSED FLARED END SECTION		<b>GRSW</b> = VEGETATIVE SWALE
	= PROPOSED STORM DRAIN CULVERT		<b>IP</b> = INLET PROTECTION
	= PROPOSED SPOT GRADE		<b>SCD</b> = STONE CHECK DAM
	= PROPOSED CONTOUR		<b>RRPP</b> = RIP RAP PLUNGE POOL
	= PROPOSED CONSTRUCTION EXIT (CE)		<b>RRLS</b> = RIP RAP LEVEL SPREADER
	= PROPOSED CATCH BASIN INLET PROTECTION (IP)		<b>SL</b> = SEDIMENT LOG
	= PROPOSED RIPRAP PLUNGE POOL (RRPP)		<b>TSS</b> = TEMPORARY SOIL STOCKPILES
	= PROPOSED SEDIMENT FENCE EROSION CONTROL (SFEC)		<b>ECB</b> = TEMPORARY EROSION CONTROL BLANKET
	= PROPOSED SEDIMENT LOG (SL)		<b>SFEC</b> = SEDIMENT FENCE EROSION CONTROL
	= PROPOSED STONE CHECK DAM (SCD)		<b>CSSP</b> = CRUSHED STONE SLOPE PROTECTION
	= PROPOSED RIPRAP LEVEL SPREADER (RRLS)		<b>PSB</b> = PUMP SETTLING BASIN
	= PROPOSED EROSION CONTROL BLANKET (ECB)		

**RIP RAP OUTLET PROTECTION POOL NOTE.**

AT ALL STORMWATER OUTFALLS WHERE RIP RAP PLUNGE POOLS ARE SHOWN SUPPLEMENT WITH ADDITIONAL RIP RAP LINING (MODIFIED RIP RAP) TO PROVIDE EROSION CONTROL PROTECTION IN THE FORM OF AN APRON FROM THE LIMITS OF THE OUTER SIDE EDGES OF THE PLUNGE POOL TO THE BOTTOM OF THE BASIN OR EDGE OF WETLAND /WATERCOURS FOR THE APPROXIMATE LIMITS SHOWN. SHAPE TO SPREAD FLOW EVENLY. CONTRACTOR TO COORDINATE THE LIMITS WITH THE DESIGN ENGINEER DURING CONSTRUCTION.

- CONTINGENCY PROVISIONS FOR EROSION & SEDIMENT CONTROL FAILURES AND EMERGENCIES:**
1. THE CONTRACTOR SHALL SCHEDULE WORK SO THAT NO EARTHWORK THAT IS POTENTIALLY EXPOSED TO EROSION IS CONDUCTED DURING SEVERE WEATHER EVENTS, OR WHEN SEVERE WEATHER IS FORECAST, WITHOUT IMPLEMENTATION OF PROPER EROSION CONTROL MEASURES.
  2. THE CONTRACTOR SHALL STABILIZE OR OTHERWISE SECURE DISTURBED AREAS AT THE END OF EACH WORK DAY AND WORK WEEK TO MINIMIZE IMPACTS OF EROSION. SUCH MEASURES SHALL INCLUDE TEMPORARY DIVERSIONS, INSTALLATION OF STABILIZATION STRUCTURES, ETC.
  3. THE CONTRACTOR SHALL KEEP, ON-SITE, EXTRAS, SILT FENCE, SEDIMENT LOGS, RIP RAP, AND EROSION CONTROL FABRIC FOR USE IN CASE OF AN EROSION CONTROL EMERGENCY.
  4. IN THE EVENT THAT AN EROSION CONTROL EMERGENCY, THE CONTRACTOR SHALL TAKE REASONABLE MEASURES TO STABILIZE THE IMPACT AREAS, PREVENT FURTHER EROSION AND TRANSPORT OF SEDIMENTS, ETC. IN THE EVENT THAT SEDIMENTS ARE TRANSPORTED OFF THE PERIMETER OF THE WORK AREA, THE CONTRACTOR SHALL NOTIFY THE OWNER, AND THE PROJECT ENGINEER AND IMMEDIATELY IMPLEMENT REMEDIAL MEASURES.



SEE SHEET EC-2 FOR CONTINUATION

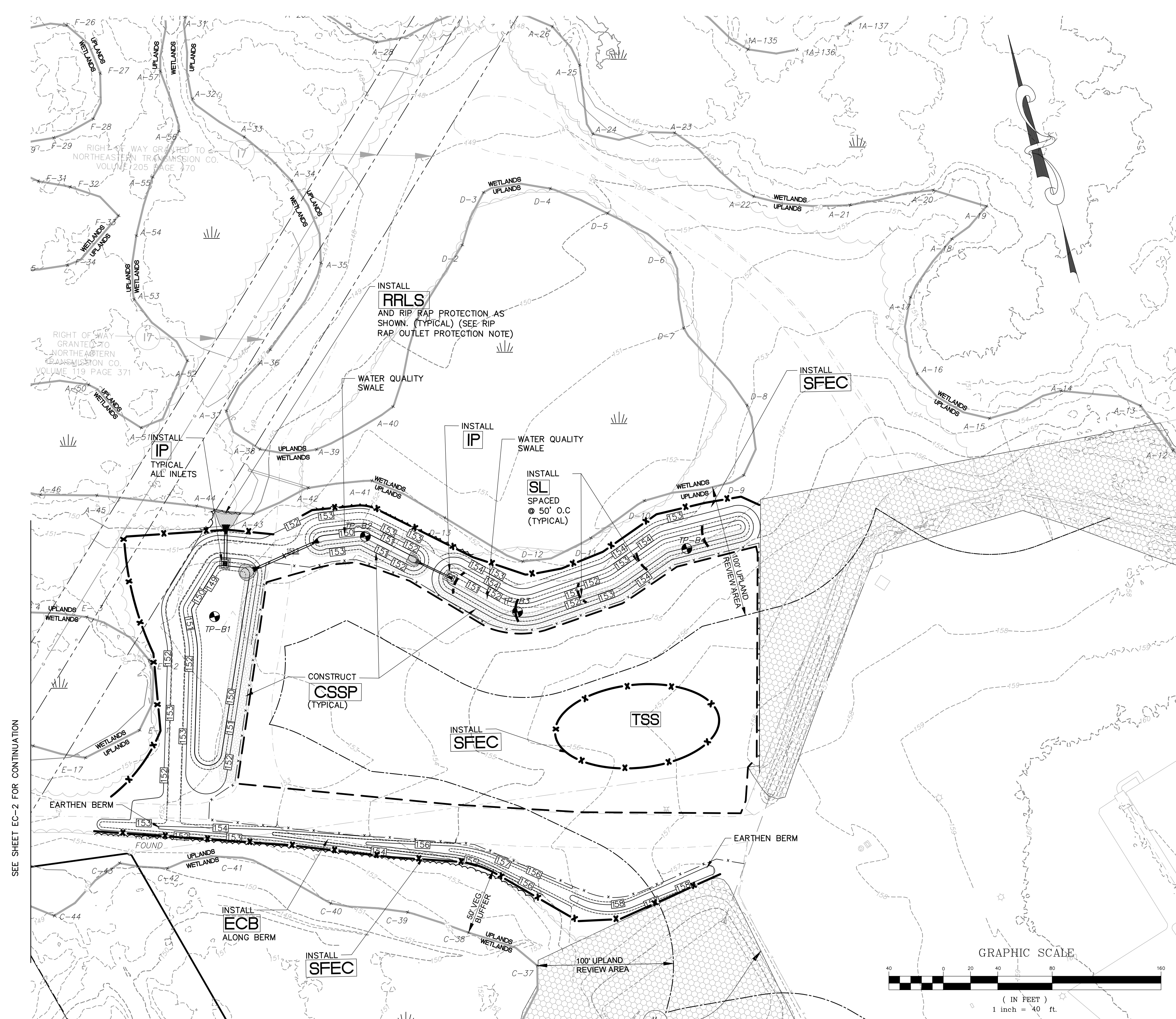
No.	Date	Revisions: Description

SOIL EROSION & SEDIMENT CONTROL PLAN  
 PREPARED FOR  
**COPART OF CONNECTICUT, INC.**  
 6 EAST ST, 13 RUSSELL ROAD & 49 RUSSELL ROAD  
 EAST GRANBY, CONNECTICUT  
 Date: 08-04-2023 Drawn by: DRT Job no: 22107  
 Scale: 1" = 40' Checked by: TSH Sheet no: 1 OF 2  
 © 2022 22107 - COPART E&S (Submital) 2023-08-04 EC-1 2023-08-04.dwg, EC-1, Aug. 11, 2023 10:49:32 AM

**EC-1**

**FAH**  
 F. A. Hesketh & Associates, Inc.  
 3 Creamery Brook, East Granby, CT 06026  
 Phone (860) 653-8000 Fax (860) 844-8600  
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 Civil & Traffic Engineers - Surveyors - Planners - Landscape Architects





SEE SHEET EC-2 FOR CONTINUATION

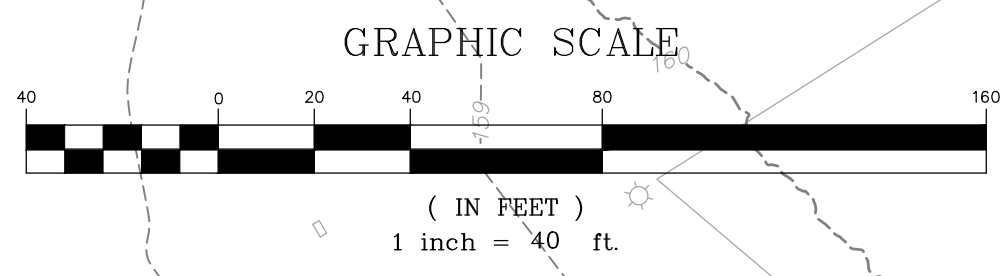
- LEGEND**
- = PROPOSED CATCH BASIN
  - = PROPOSED SANITARY MANHOLE
  - = PROPOSED DRAINAGE MANHOLE
  - = PROPOSED FLARED END SECTION
  - = PROPOSED STORM DRAIN CULVERT
  - = PROPOSED SPOT GRADE
  - = PROPOSED CONTOUR
  - = PROPOSED CONSTRUCTION EXIT (CE)
  - = PROPOSED CATCH BASIN INLET PROTECTION (IP)
  - = PROPOSED RIPRAP PLUNGE POOL (RRPP)
  - = PROPOSED SEDIMENT FENCE EROSION CONTROL (SFEC)
  - = PROPOSED SEDIMENT LOG (SL)
  - = PROPOSED STONE CHECK DAM (SCD)
  - = PROPOSED RIPRAP LEVEL SPREADER (RRLS)
  - = PROPOSED EROSION CONTROL BLANKET (ECB)
  - CE** = CONSTRUCTION ENTRANCE
  - GRSW** = VEGETATIVE SWALE
  - IP** = INLET PROTECTION
  - SCD** = STONE CHECK DAM
  - RRPP** = RIP RAP PLUNGE POOL
  - SL** = SEDIMENT LOG
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  - CSSP** = CRUSHED STONE SLOPE PROTECTION
  - PSB** = PUMP SETTLING BASIN

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2. THE CONTRACTOR SHALL STABILIZE OR OTHERWISE SECURE DISTURBED AREAS AT THE END OF EACH WORK DAY AND WORK WEEK TO MINIMIZE IMPACTS OF EROSION. SUCH MEASURES SHALL INCLUDE TEMPORARY DIVERSIONS, INSTALLATION OF STABILIZATION STRUCTURES, ETC.
3. THE CONTRACTOR SHALL KEEP, ON-SITE, EXTRAS HAY BALES, SILT FENCE, STRAW WATTLES, RIP RAP, AND EROSION CONTROL FABRIC FOR USE IN CASE OF AN EROSION CONTROL EMERGENCY.
4. IN THE EVENT THAT AN EROSION CONTROL EMERGENCY, THE CONTRACTOR SHALL TAKE REASONABLE MEASURES TO STABILIZE THE IMPACT AREAS, PREVENT FURTHER EROSION AND TRANSPORT OF SEDIMENTS, ETC. IN THE EVENT THAT SEDIMENTS ARE TRANSPORTED OFF THE SITE, THE CONTRACTOR SHALL NOTIFY THE OWNER, AND THE PROJECT ENGINEER. IN THE EVENT THAT SEDIMENTS ENTER ANY STORM DRAIN SYSTEMS, THE CONTRACTOR SHALL NOTIFY THE TOWN PUBLIC WORKS DEPARTMENT, OR THE CT DOT, AS APPROPRIATE AND TAKE IMMEDIATELY IMPLEMENT REMEDIAL MEASURES



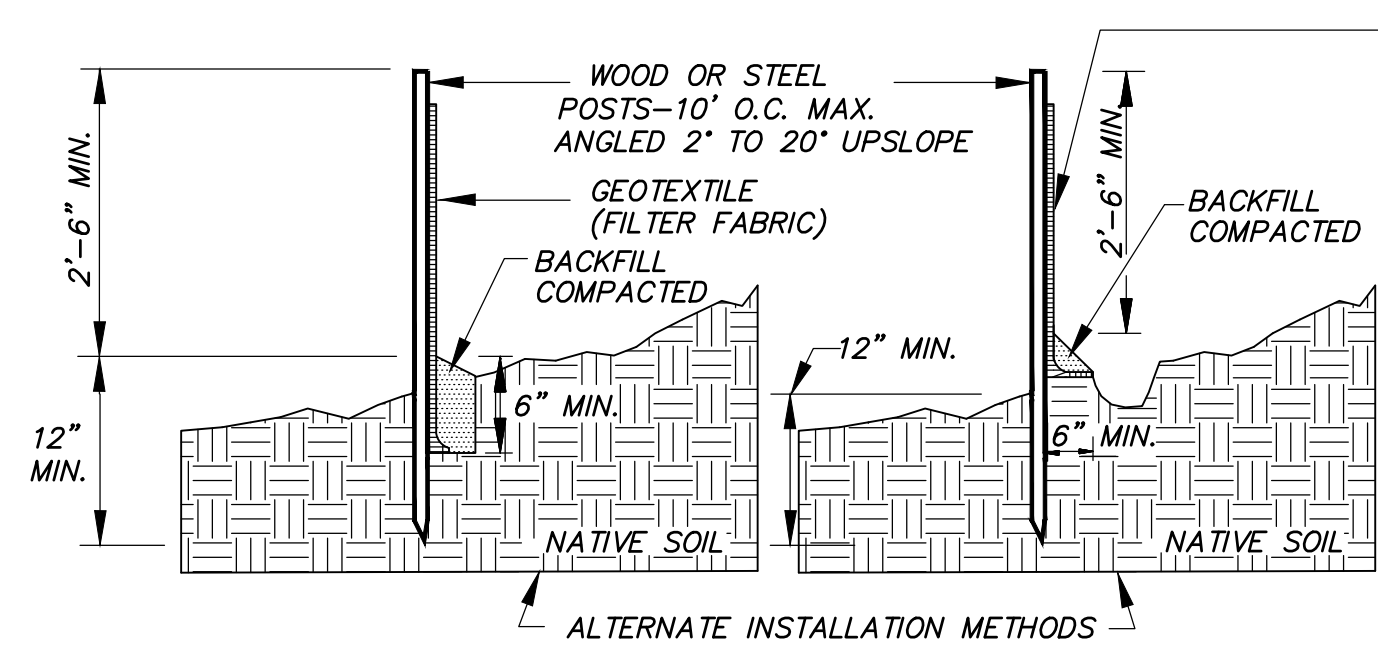
No.	Date	Revisions: Description

SOIL EROSION & SEDIMENT CONTROL PLAN  
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 Date: 08-04-2023 Drawn by: DRT Job no: 22107  
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 \2022\22107 - COPART E&S\Submit\2023-08-04\EC-1 2023-08-04.dwg, EC-2, Aug. 11, 2023 - 10:50:10 AM

**EC-2**

**FAH**  
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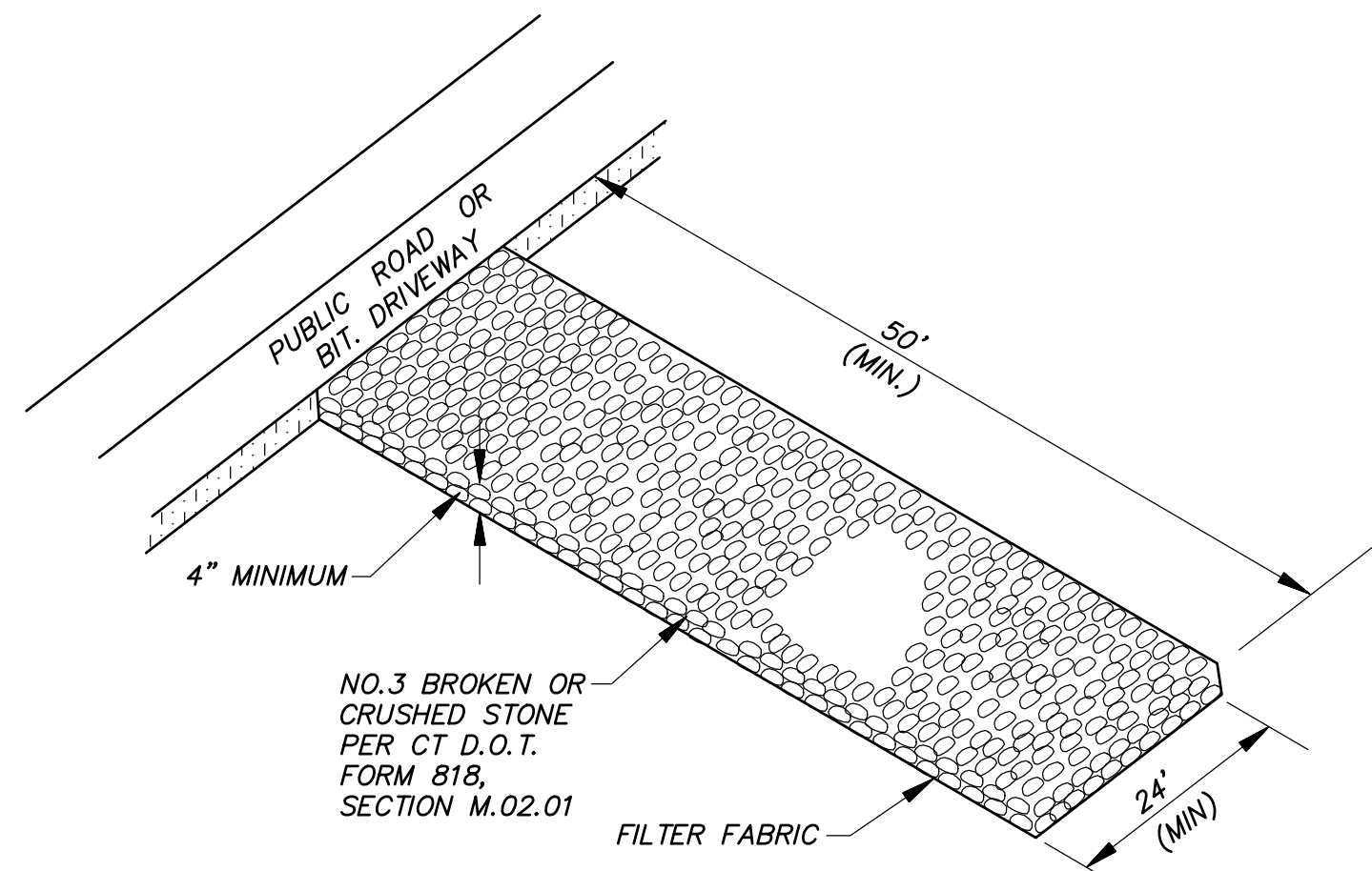




- NOTE:**
- WOOD POSTS SHALL BE HARDWOOD 1 1/2" x 1 1/2" x 48" MIN. STEEL POST SHALL BE A MINIMUM OF 0.5 POUNDS PER LINEAR FOOT X 48".
  - JOINTS, WHEN REQUIRED, SHALL BE SPICED & SECURELY SEALED TOGETHER, AT POST LOCATIONS ONLY, WITH A MINIMUM 6" OVERLAP.

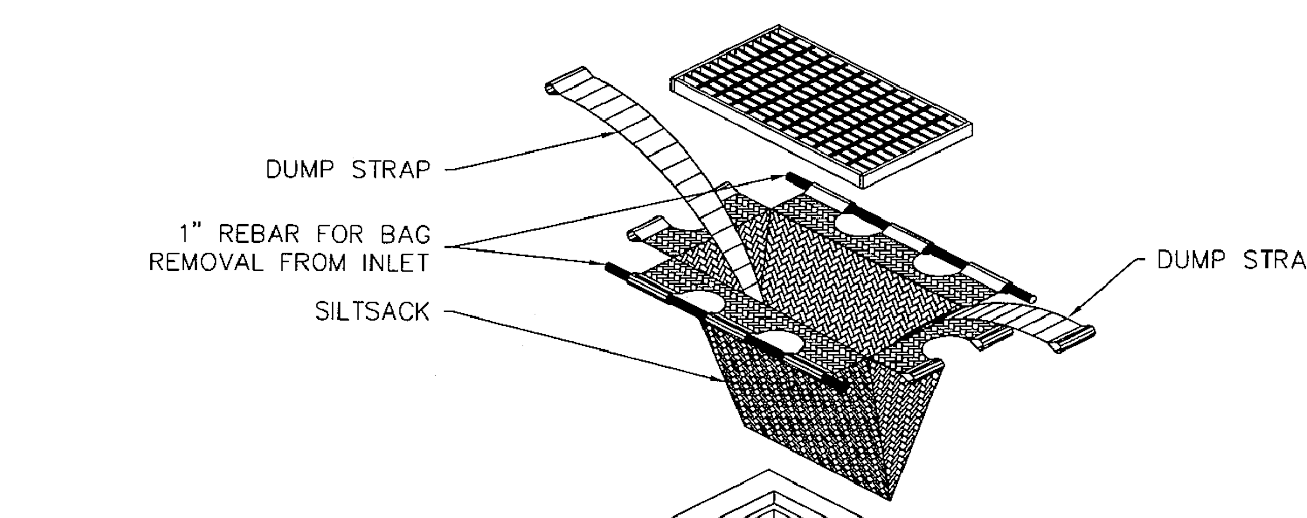
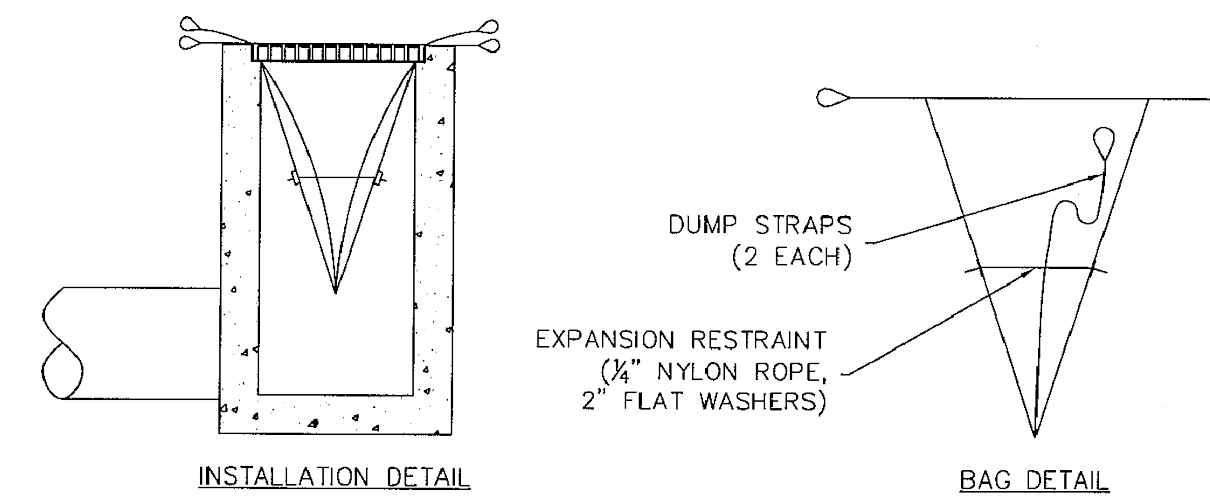
**SEDIMENT FENCE EROSION CONTROL (SFE)**

N.T.S.



**CONSTRUCTION EXIT (CE)**

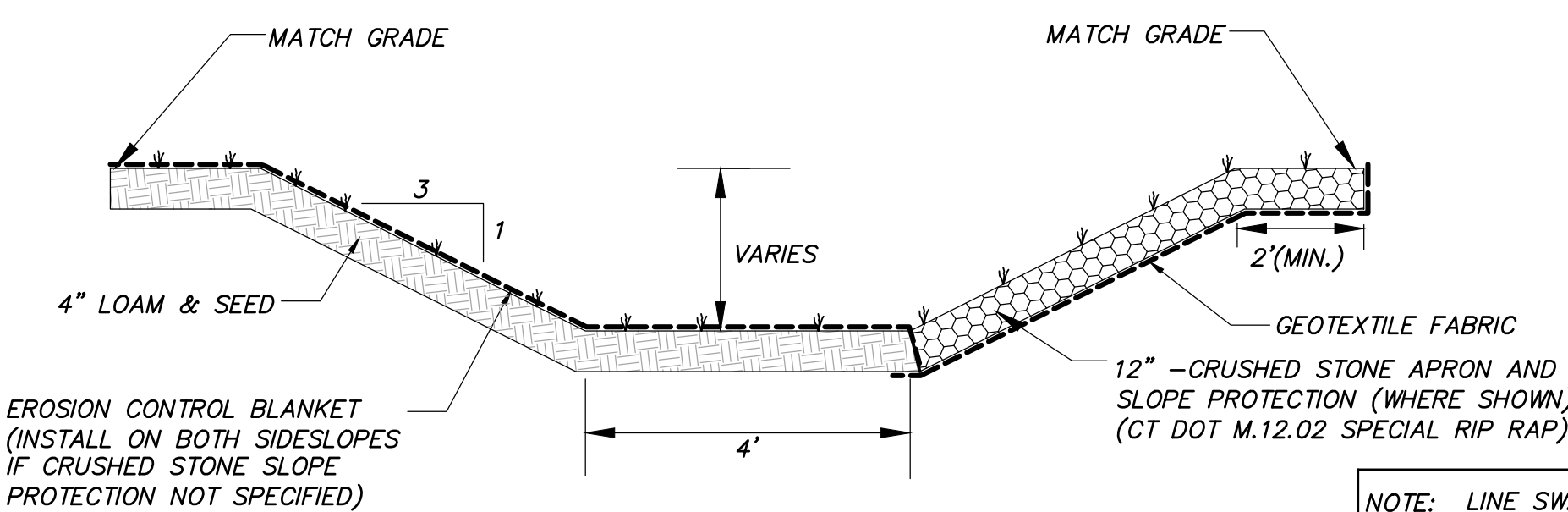
N.T.S.



- INSTALL AND MAINTAIN IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
- UNITS SIZED FOR SPECIFIC STRUCTURE.

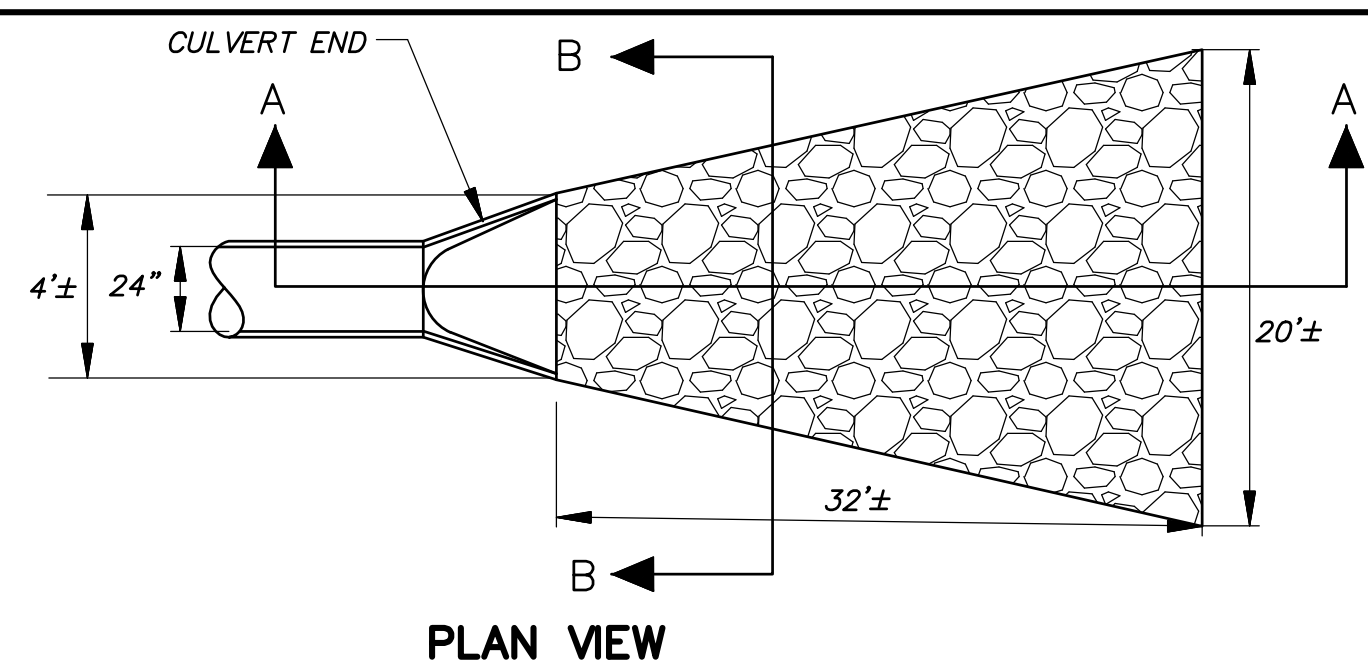
**INLET PROTECTION (IP) [SILT SACK INSERT]**

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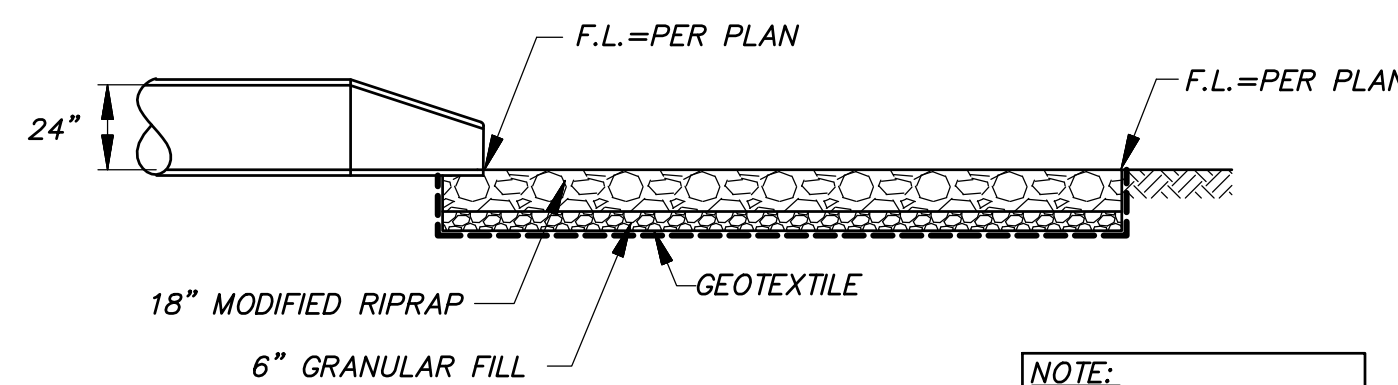


**VEGETATED SWALE DETAIL (GRSW)**

N.T.S.

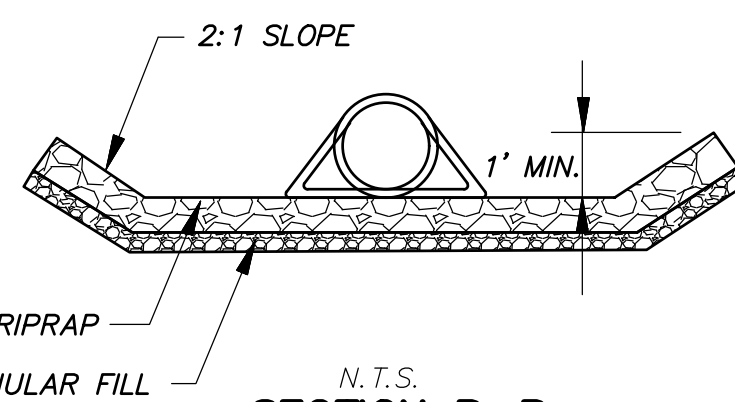


**PLAN VIEW**



**SECTION A-A**

**NOTE:**  
SEE RIP RAP OUTLET PROTECTION NOTE

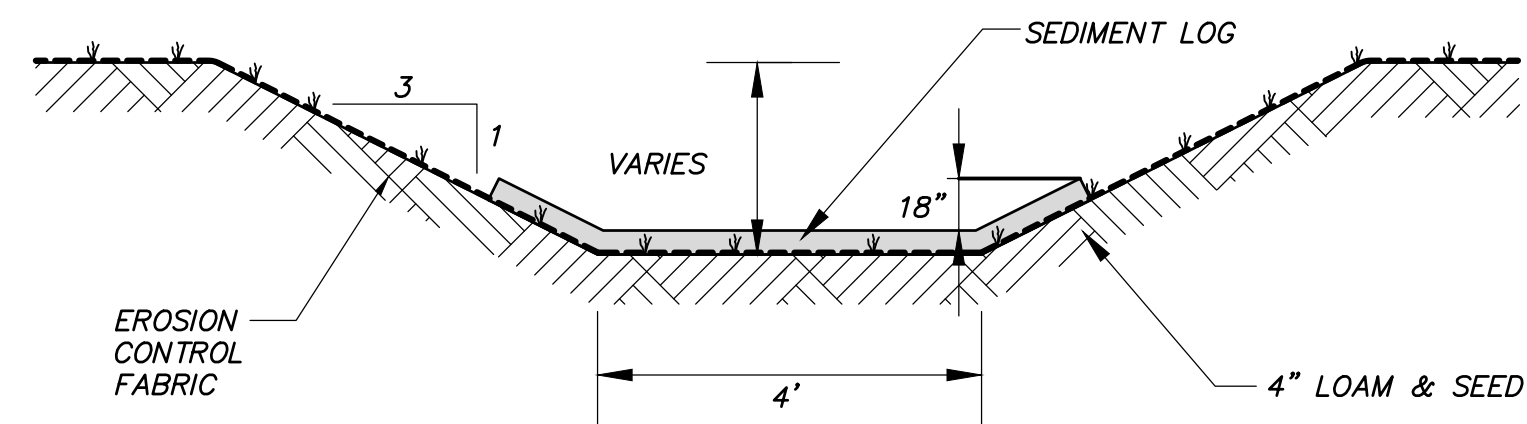


**SECTION B-B**

N.T.S.

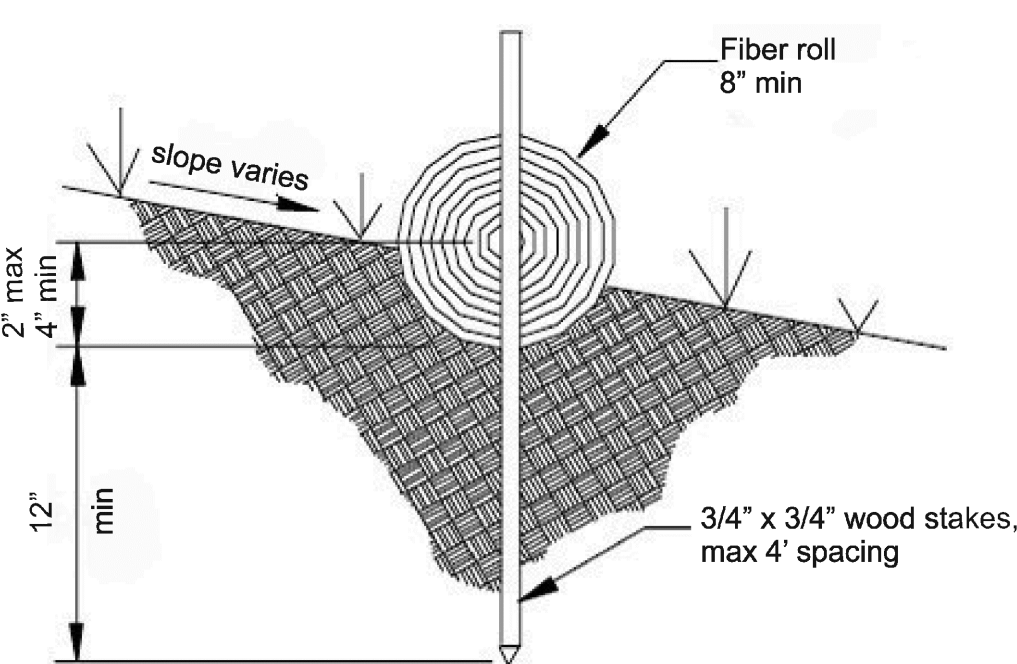
**CONDUIT LEVEL SPREADER - 24" RCFS (WQB A2 OUTFALL)**

N.T.S.



**SEDIMENT LOG INSTALLED IN GRSW**

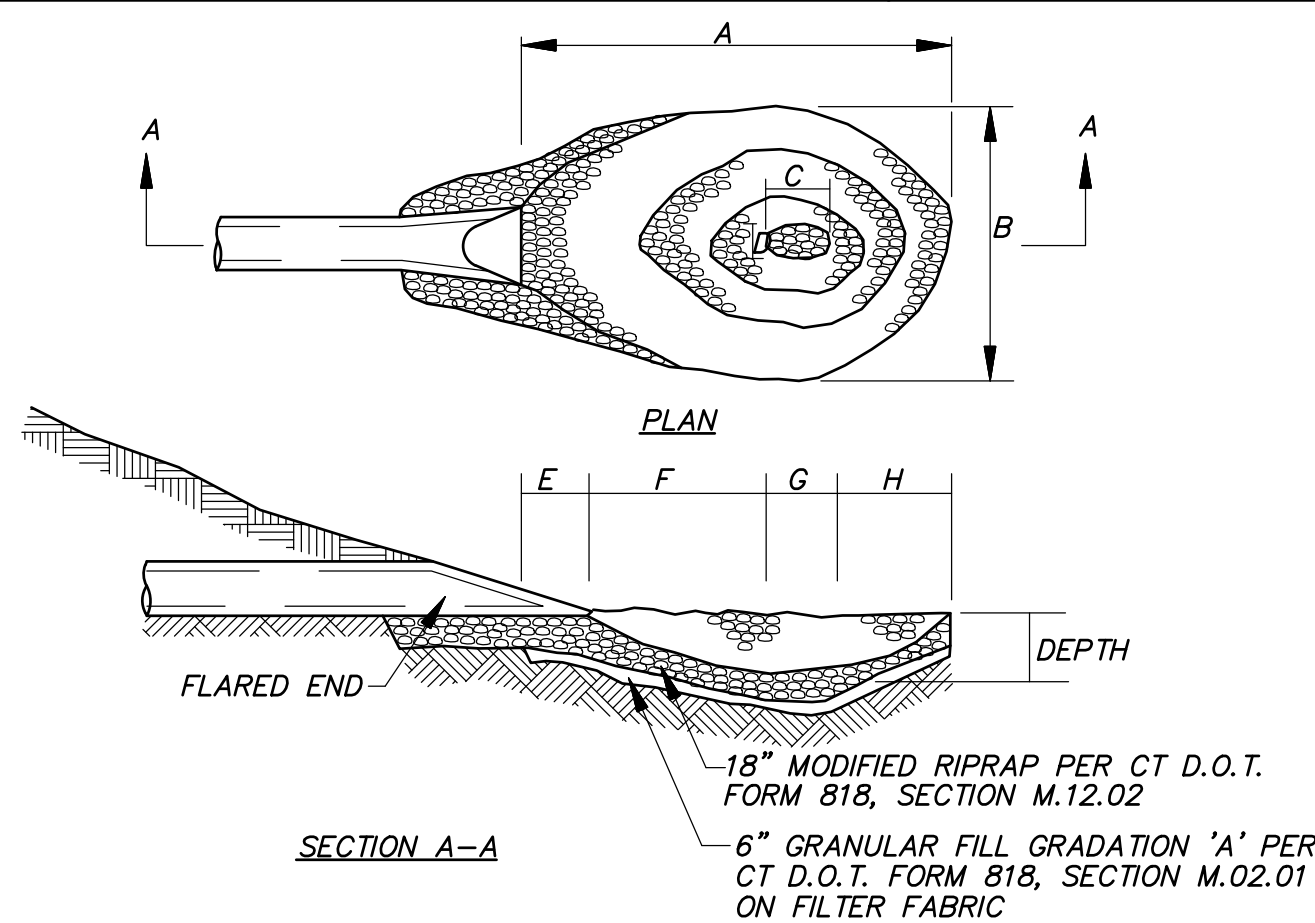
N.T.S.



- NOTES:**
- USE SEDIMENT LOG BY AMERICAN EXCELSIOR, OR APPROVED EQUAL.
  - MUST BE CERTIFIED WEED FREE.

**SEDIMENT LOG SECTION (SL)**

N.T.S.

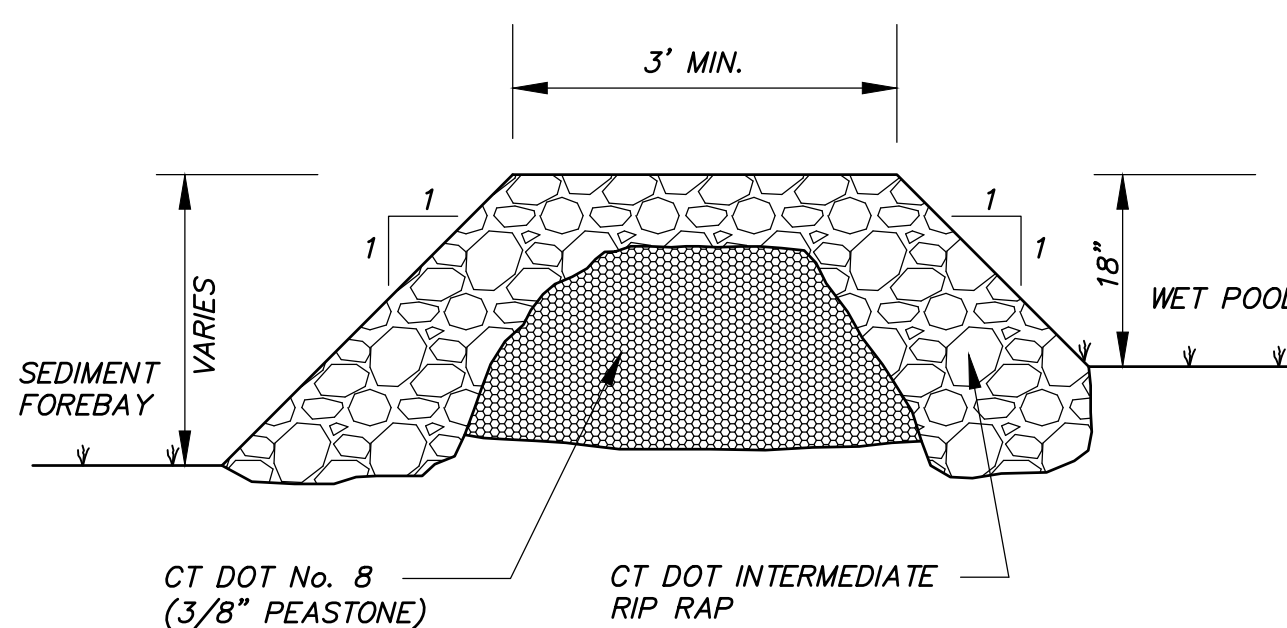


PIPE SIZE	A	B	C	D	E	F	G	H	WT. RIPRAP TONS.	DEPTH
15"	10'	7'	1 1/2'	1'	1'	4 1/2'	1 1/2'	3'	6	1'-0"
18"	12'	8'	2'	1'	1'	5'	2'	4'	8	1'-4"
24"	17'	10'	2 1/2'	1 1/2'	1'	8'	2 1/2'	5 1/2'	15	1'-10"

**RIPRAP PLUNGE POOL (RRPP)**

N.T.S.

- NOTES:**
- INSTALL BETWEEN SEDIMENT FOREBAY AND WET POOL IN WATER QUALITY BASIN.



**STONE CHECK DAM (SCD)**

N.T.S.

6 Easy Steps to Install

**ANTI-WASH®/GEOJUTE®**

- Prepare the soil by grading or raking area free of clods and large stones. Do not compact. If using fertilizer, add it to soil before grading.
- Seeds and mulch (if required) should be distributed evenly over the prepared soil.
- ANTI-WASH®/GEOJUTE® should be applied by unrolling down the slope or in the direction of water flow. Always bring ANTI-WASH®/GEOJUTE® down to level area before termination, fold 6" under, and secure with staples.
- Secure ANTI-WASH®/GEOJUTE® at the top of the slope by staking it in 6" deep. Reinforce with a row of at least five (5) staples, spacing each about a foot apart, and covering with soil.
- Place staples 18" to 24" apart throughout to secure matting to ground. All staples must be driven flush with soil surface.
- Always overlap the edges 2" to 6". At the end of each roll, fold back 4" to 8" over the start of the next roll. Securely staple the two layers to the ground.

Always check with state or contracting agency for installation specifications or special requirements.

**Waterway Installation**

- Always lay jute in the direction of water flow.
- Extra staples are needed in waterways. Staples must be driven flush with soil surface.
- Check slots should be placed every 25' to 50', depending on the velocity of the water flow. A row of staples should be placed on either side of the check slot.
- Provide drains as needed.

**Helpful Hints**

- Keep dry in storage.
- Remember to lay ANTI-WASH®/GEOJUTE® locally, do not stretch.
- Check slots may be needed on steep slopes to prevent subsurface movement of soil during prolonged or heavy rains.
- TO ESTABLISH A CHECK SLOT:
  - Dig 6" deep trench perpendicular to water flow.
  - Roll ANTI-WASH®/GEOJUTE® in two or three folds (see diagram) and set into trench.
  - Staple fabric securely in bottom of trench and continue rolling down hill.
- Because ANTI-WASH®/GEOJUTE® has 60 to 65% of open area, additional seed can be broadcast over the matting to cover bare spots that may appear due to improper seeding or poor germination.
- Recommended usage: Approximately 200 staples per 100 sq. yds.

**Specifications**

Property	Results	Type	Weight per Carton	Staples per Carton
Fabric structure	Woven	11 gauge 6"	43 lbs.	1,000
Yarn	Jute, undyed and unbeached	8 gauge 6"	39 lbs.	500
Fabric width	48"	8 gauge 8"	50 lbs.	500
Weight	92 lb./yd*			
Yarn count-Varp	78 per width, minimum			
Warp	42 per linear yard, minimum			
Water Absorption	>45% of fabric weight			
Open Area	60-65%			
Duration	1-2 years			
Coverage	approximately 50 rolls per acre (using 100 yd <sup>2</sup> rolls)			

\*Smolder treatment adds approximately 05 lb./yd<sup>2</sup>

**Staples**

Type	Weight per Carton	Staples per Carton
11 gauge 6"	43 lbs.	1,000
8 gauge 6"	39 lbs.	500
8 gauge 8"	50 lbs.	500

Typical usage: Approximately 200 staples per roll. Other lengths of staples available on request.

**Roll Packaging**

Width x length	Type	Sq. Yards	Weight
48" x 225'	Regular	100	92 lbs.
48" x 225'	Smolder-resistant	100	97 lbs.
48" x 147'	UPS size roll	65	60 lbs.

**Ask About DeKowe**  
Consult with us for current product data sheet on smolder resistant fabric.

**Distributed By:**

**Bi** (Belton Industries, Inc.)

For further information, please write or call:  
Belton Industries, Inc.  
8613 Roswell Rd • Atlanta, GA 30350 • USA  
Tel Fax: 1800499225-4099 • Local: 140491587-0257  
Fax: 14049992-6361 • Telex: 493-1930 (BITD U)

- USE ANTI-WASH®/GEOJUTE® PRODUCT OR APPROVED EQUAL

**EROSION CONTROL BLANKET (ECB)**

N.T.S.

No.	Date	Revision/Description

**SITE DETAILS**

PREPARED FOR  
**COPART OF CONNECTICUT, INC.**  
EAST ST. RUSSELL ROAD & 49 RUSSELL ROAD  
EAST GRANBY, CONNECTICUT

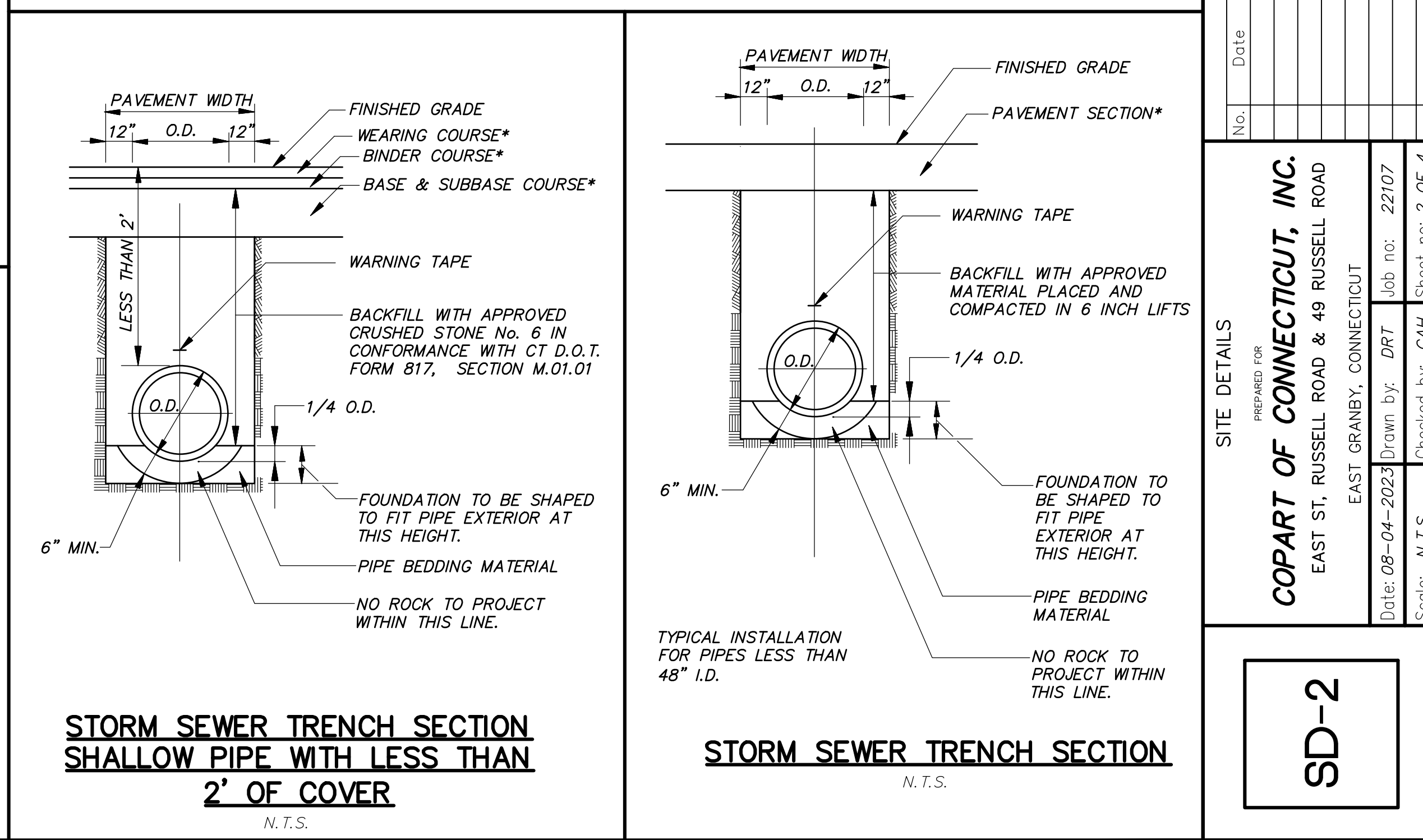
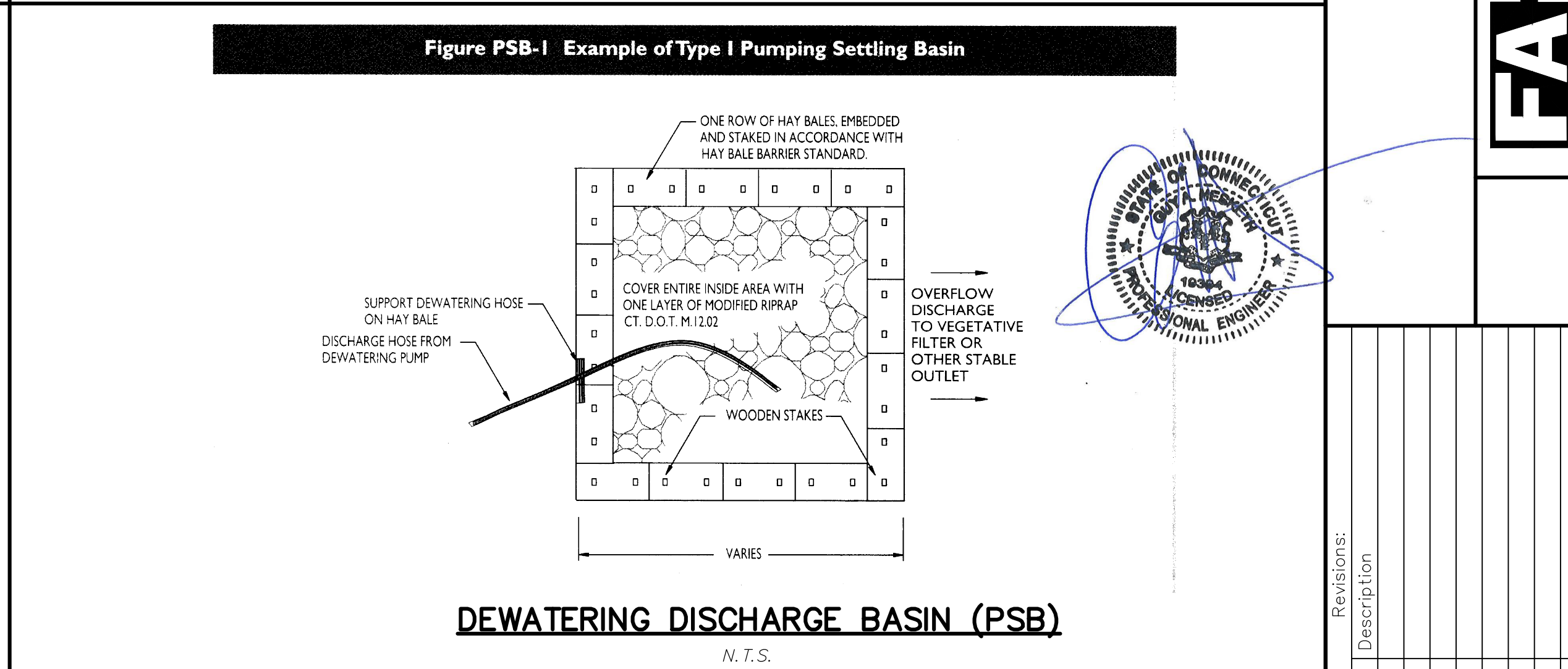
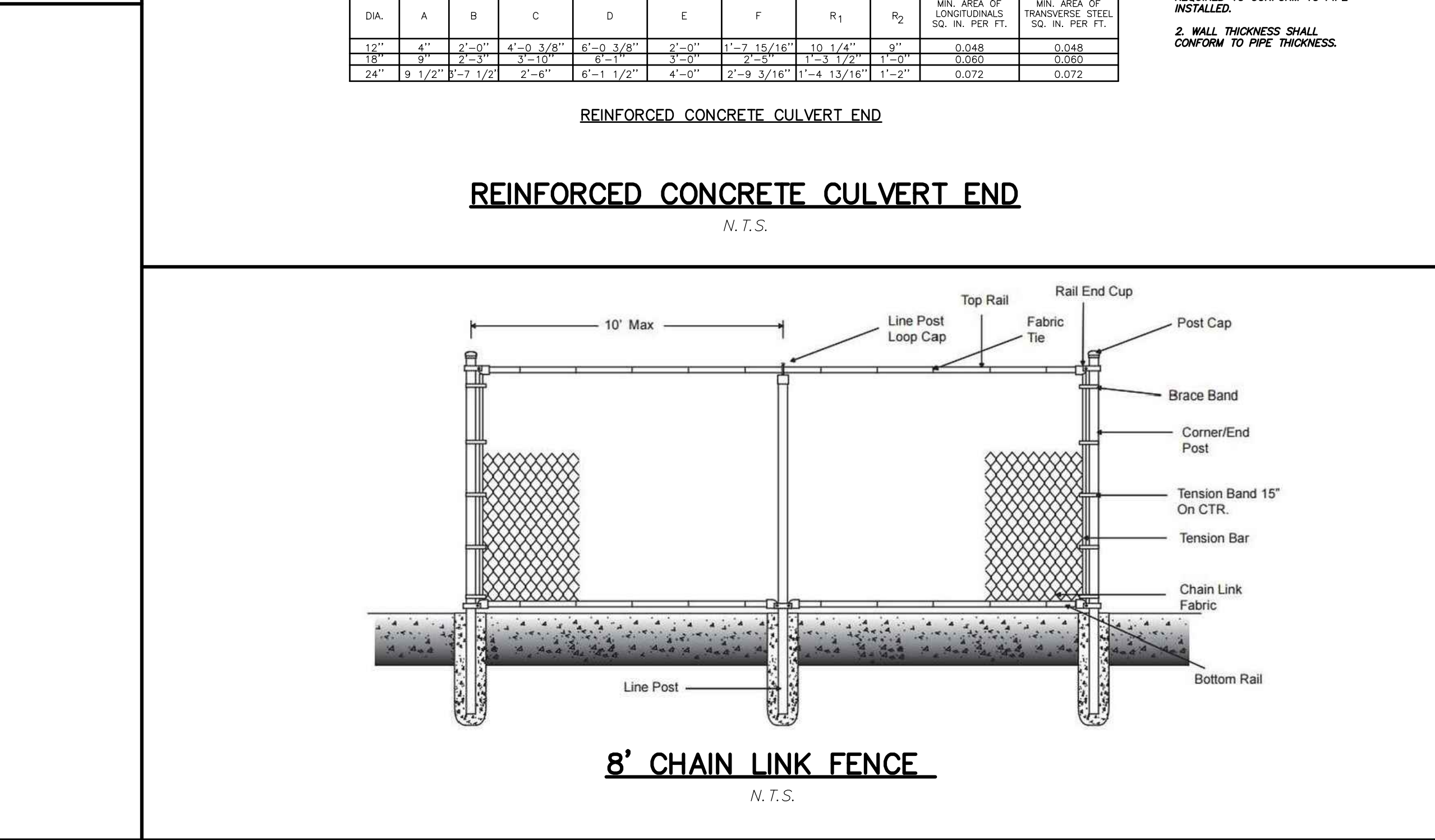
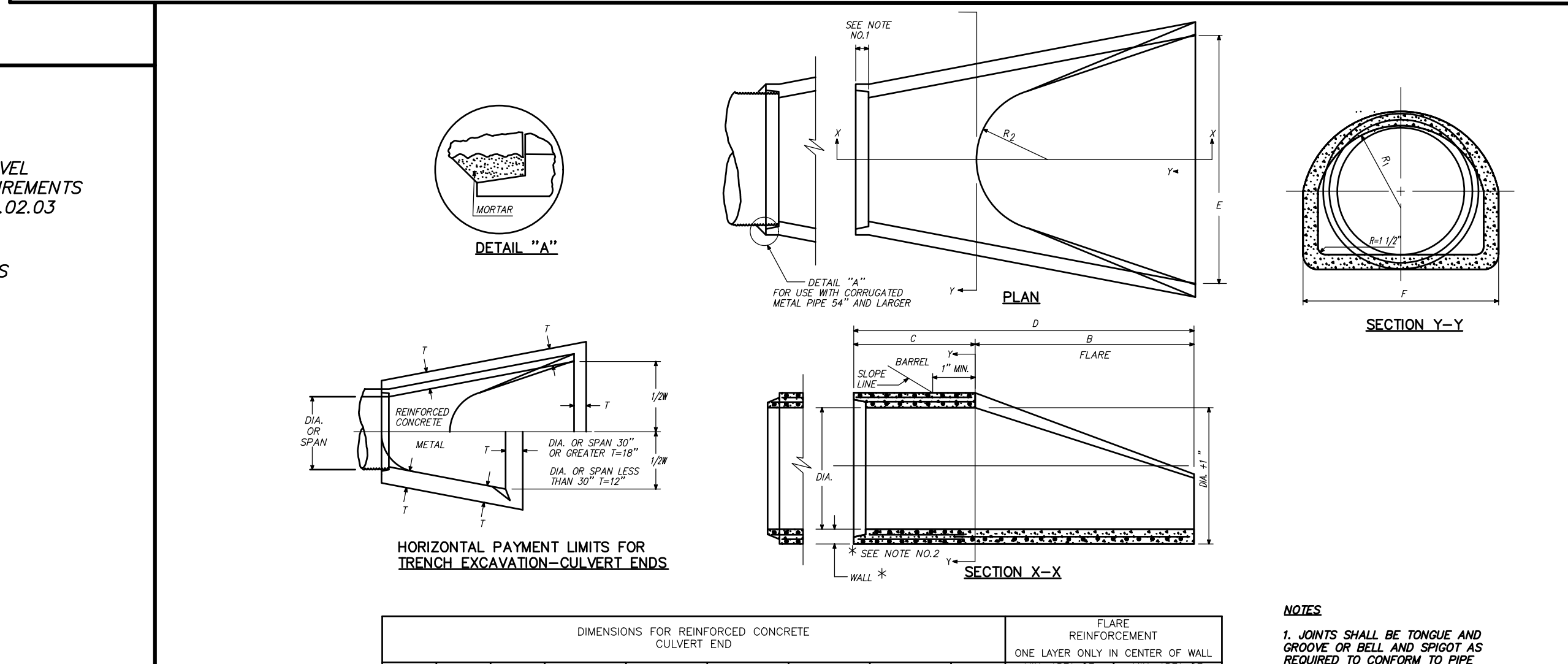
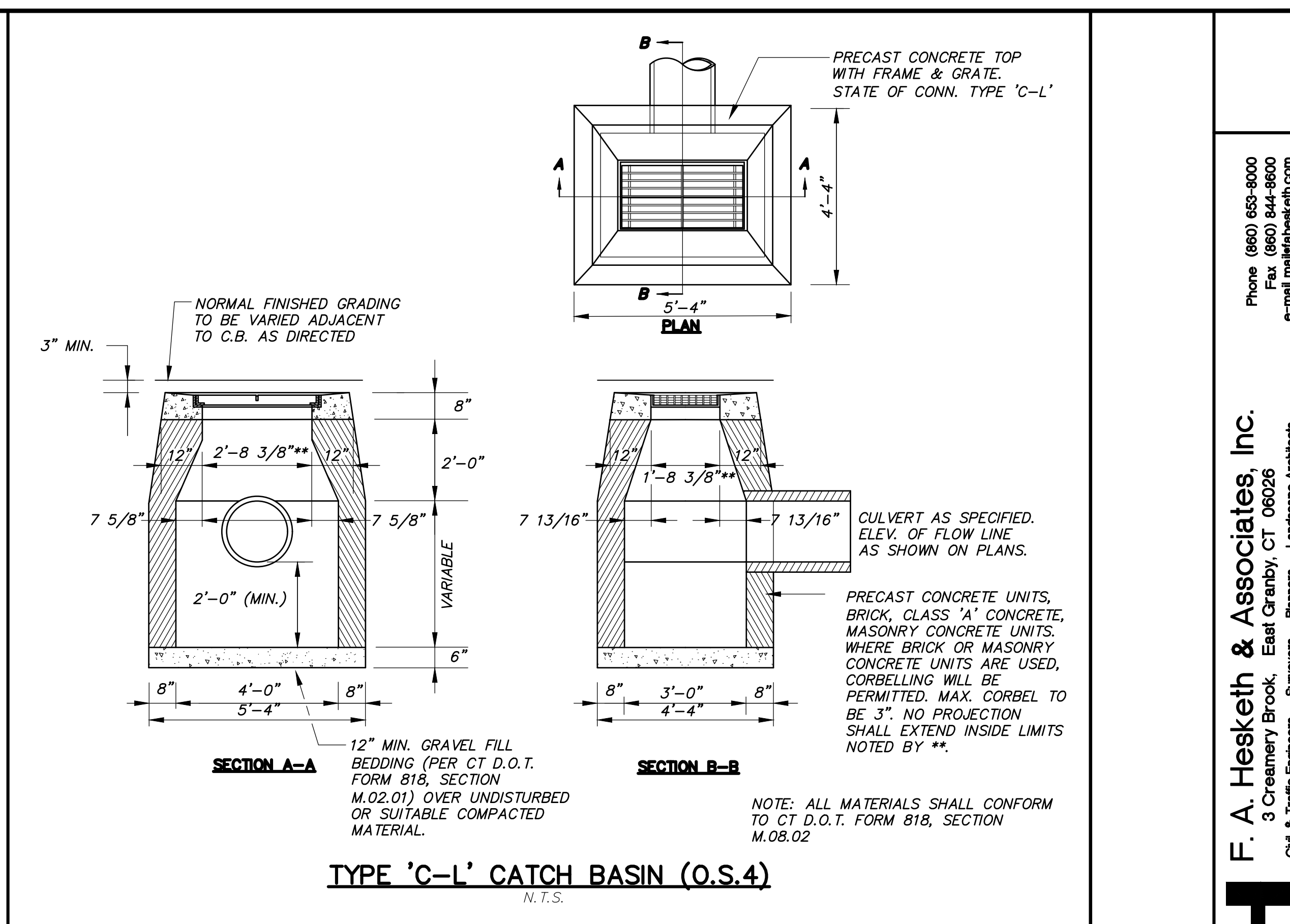
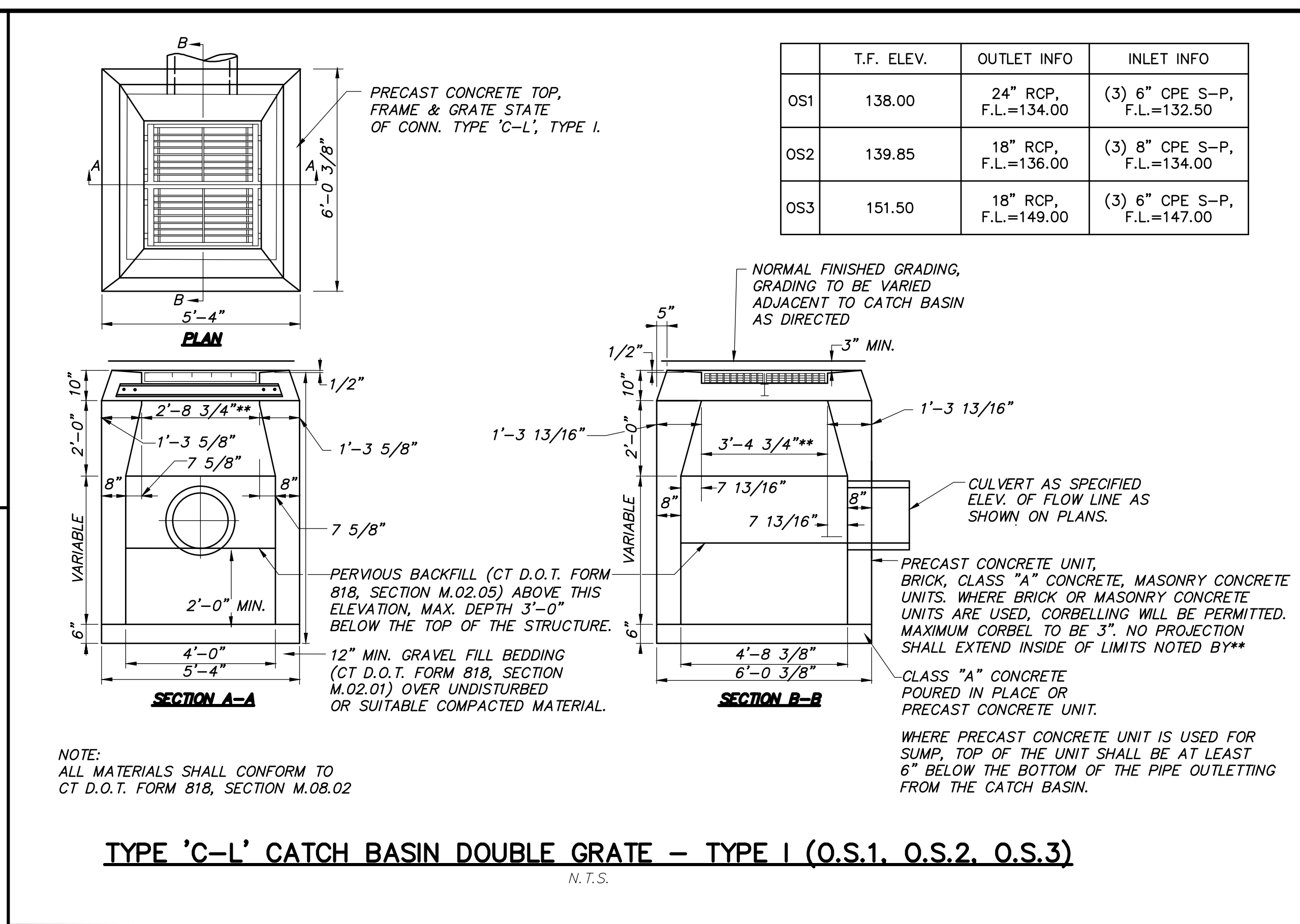
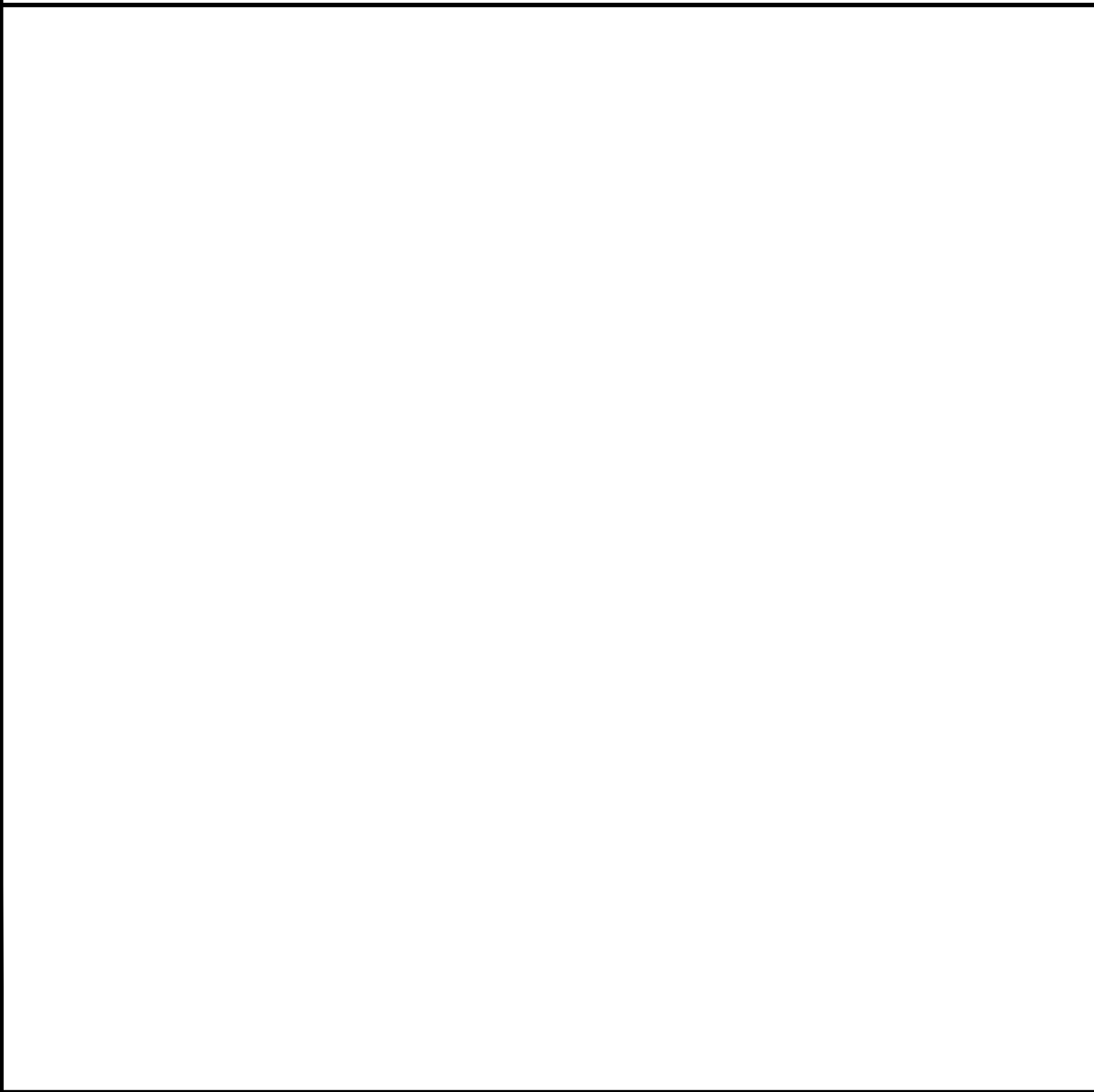
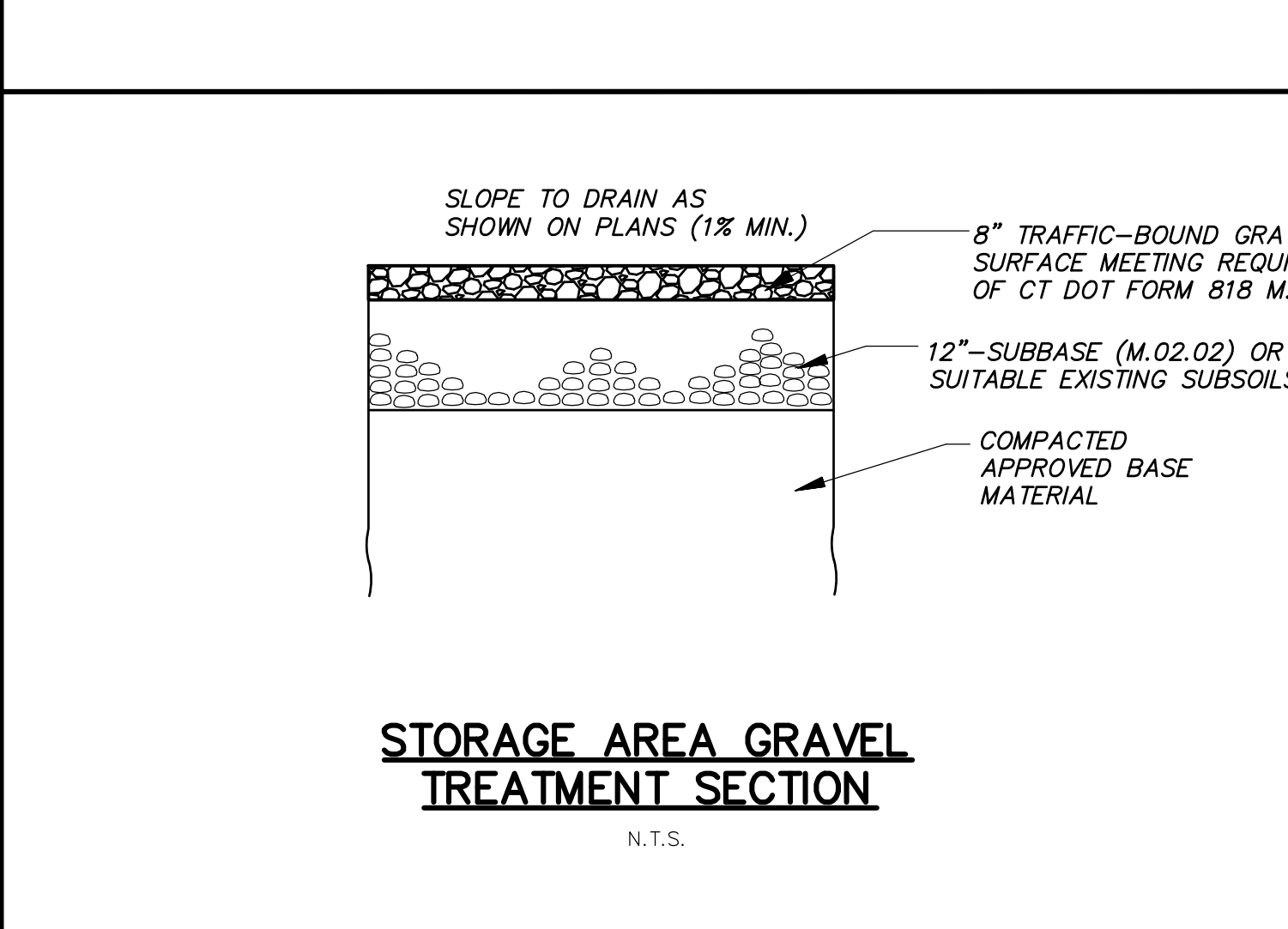
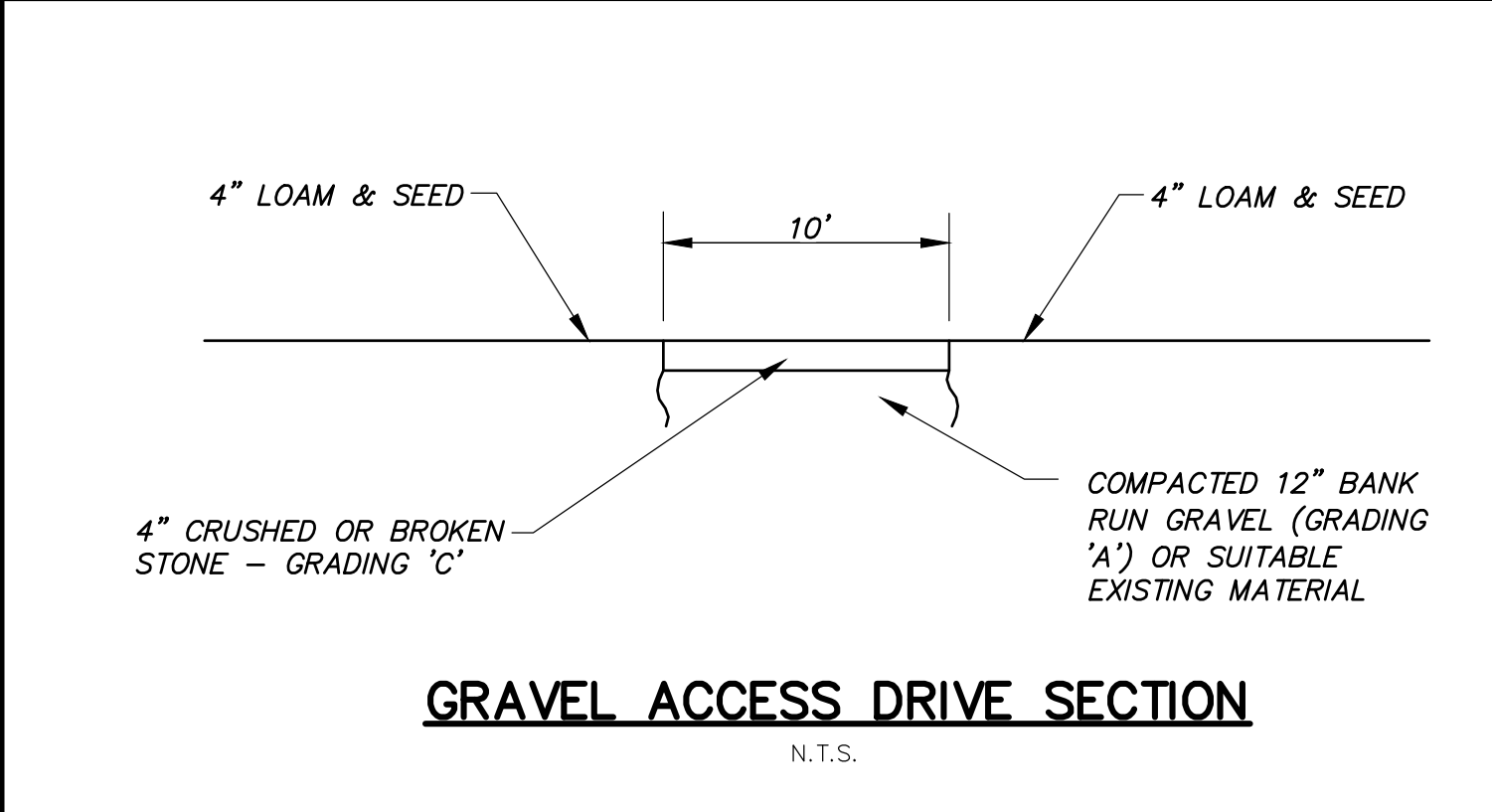
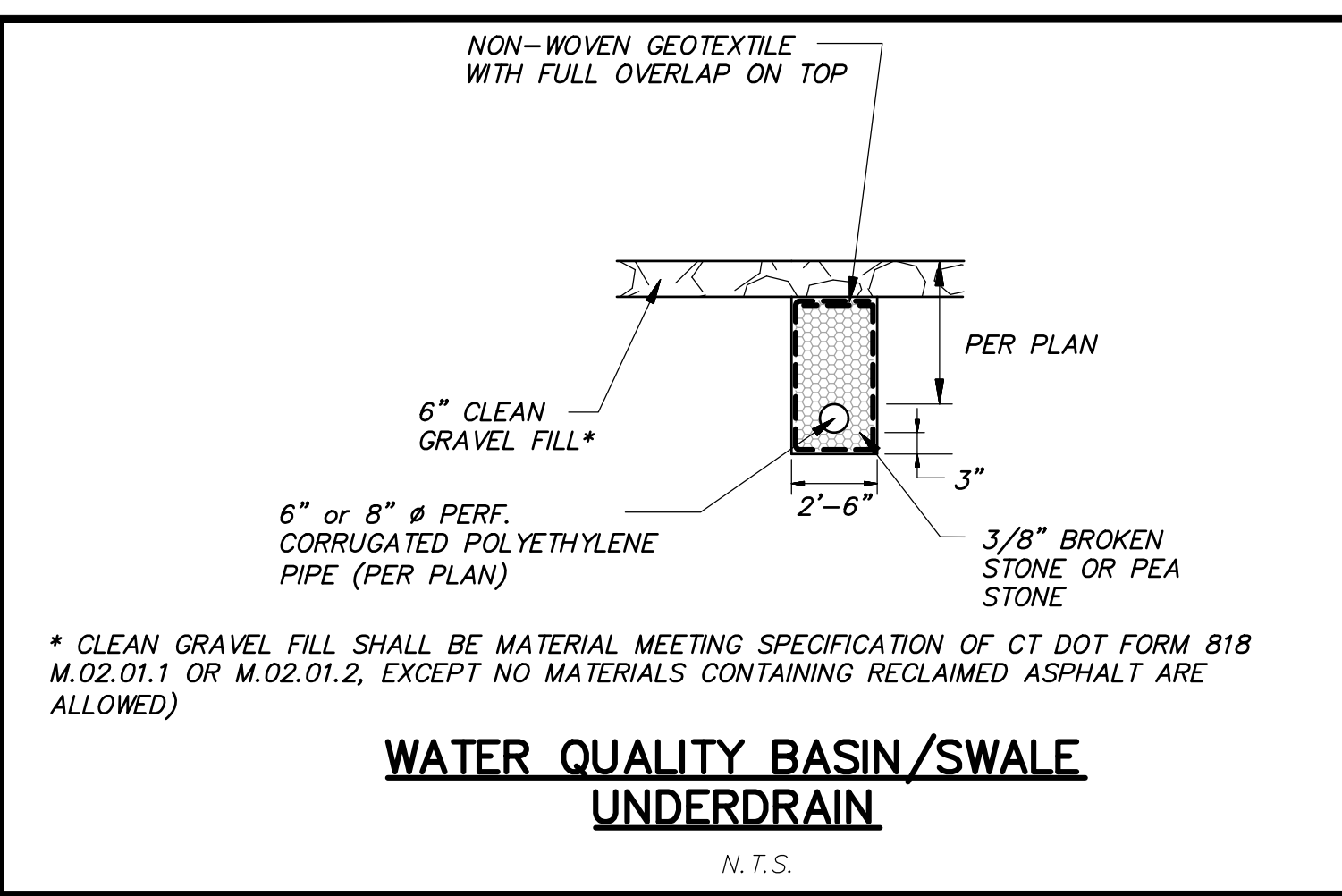
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**SD-1**

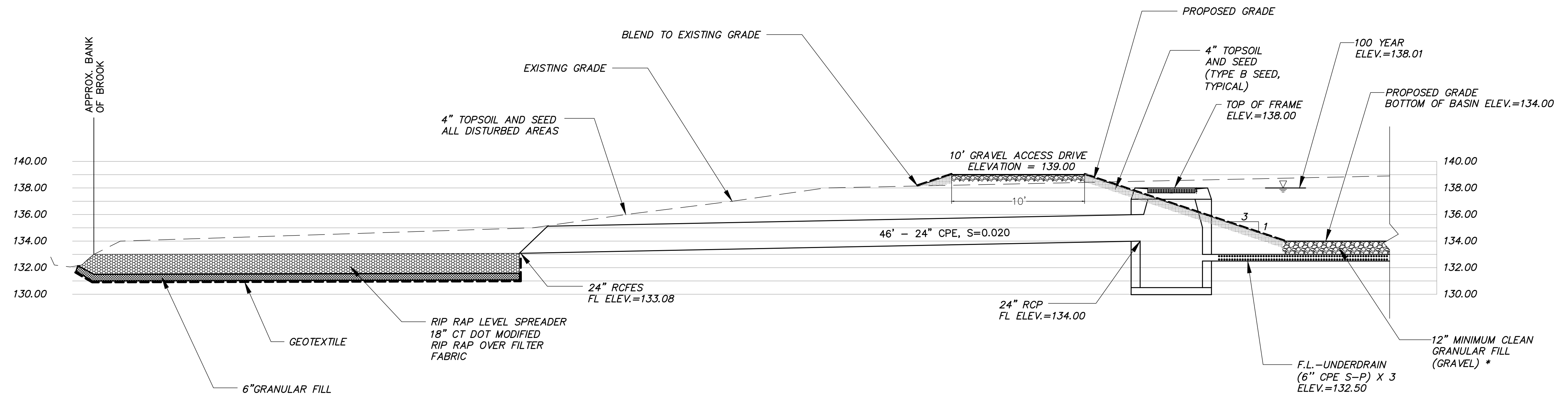
Phone (860) 683-8000  
Fax (860) 644-8600  
e-mail: info@fahinc.com

**FAH**  
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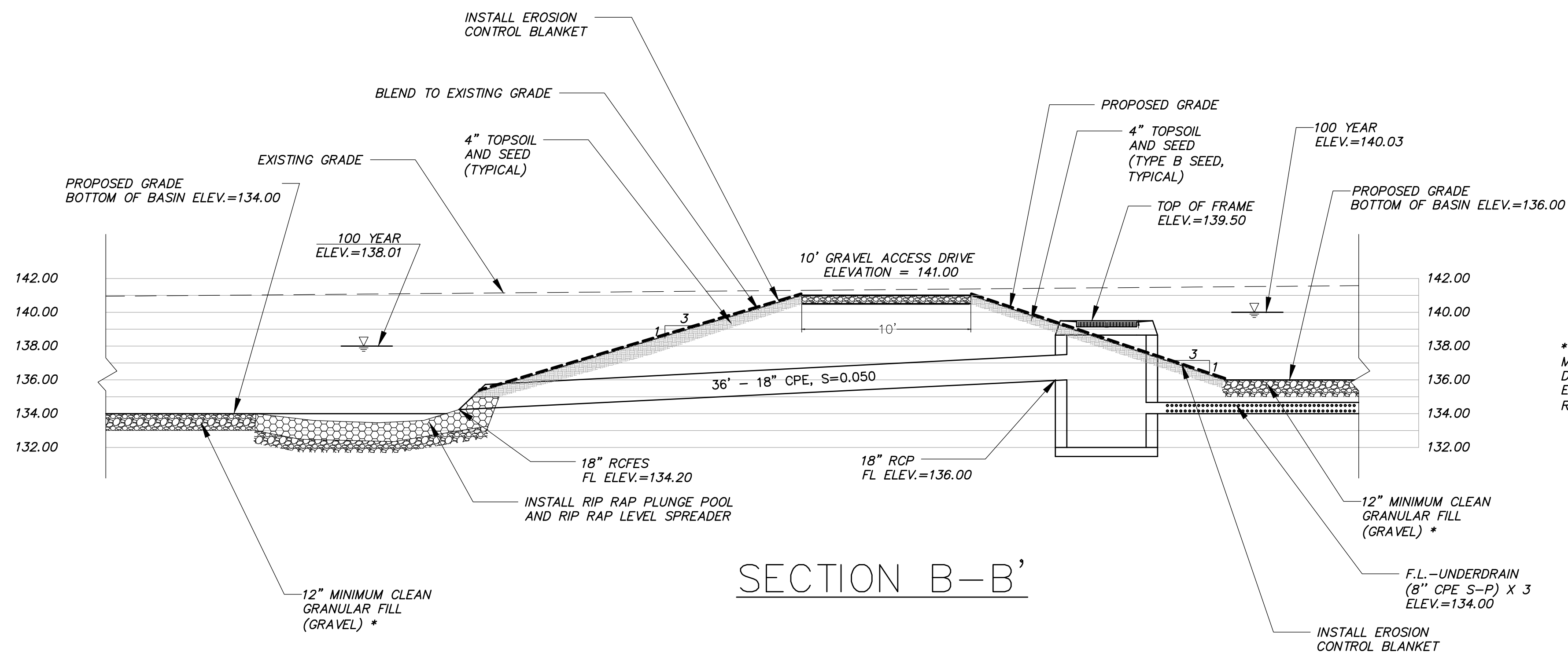
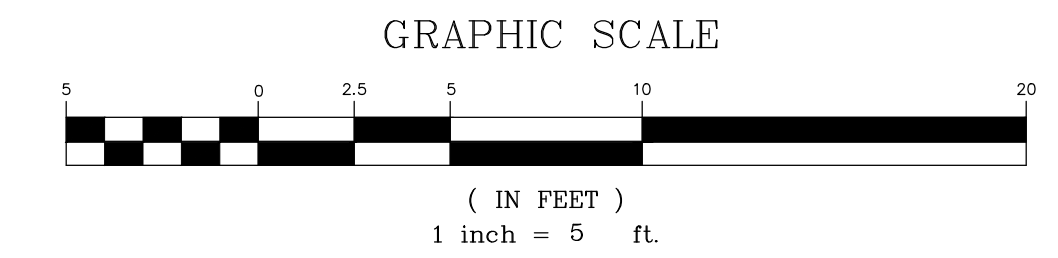






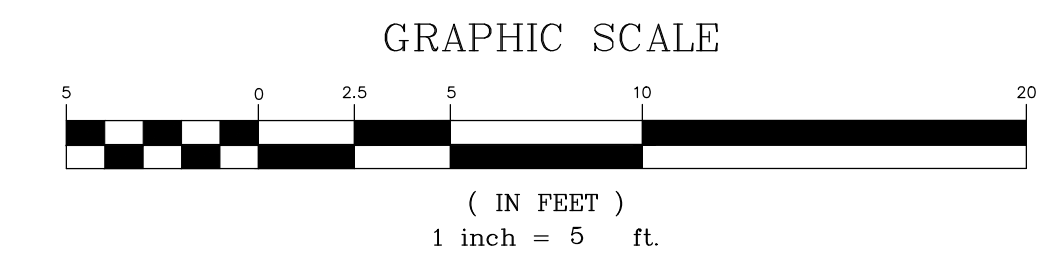
SECTION A-A'

\* CLEAN GRAVEL FILL SHALL BE MATERIAL MEETING SPECIFICATION OF CT DOT FORM 818 M.02.01.1 OR M.02.01.2, EXCEPT NO MATERIALS CONTAINING RECLAIMED ASPHALT ARE ALLOWED)



SECTION B-B'

\* CLEAN GRAVEL FILL SHALL BE MATERIAL MEETING SPECIFICATION OF CT DOT FORM 818 M.02.01.1 OR M.02.01.2, EXCEPT NO MATERIALS CONTAINING RECLAIMED ASPHALT ARE ALLOWED)

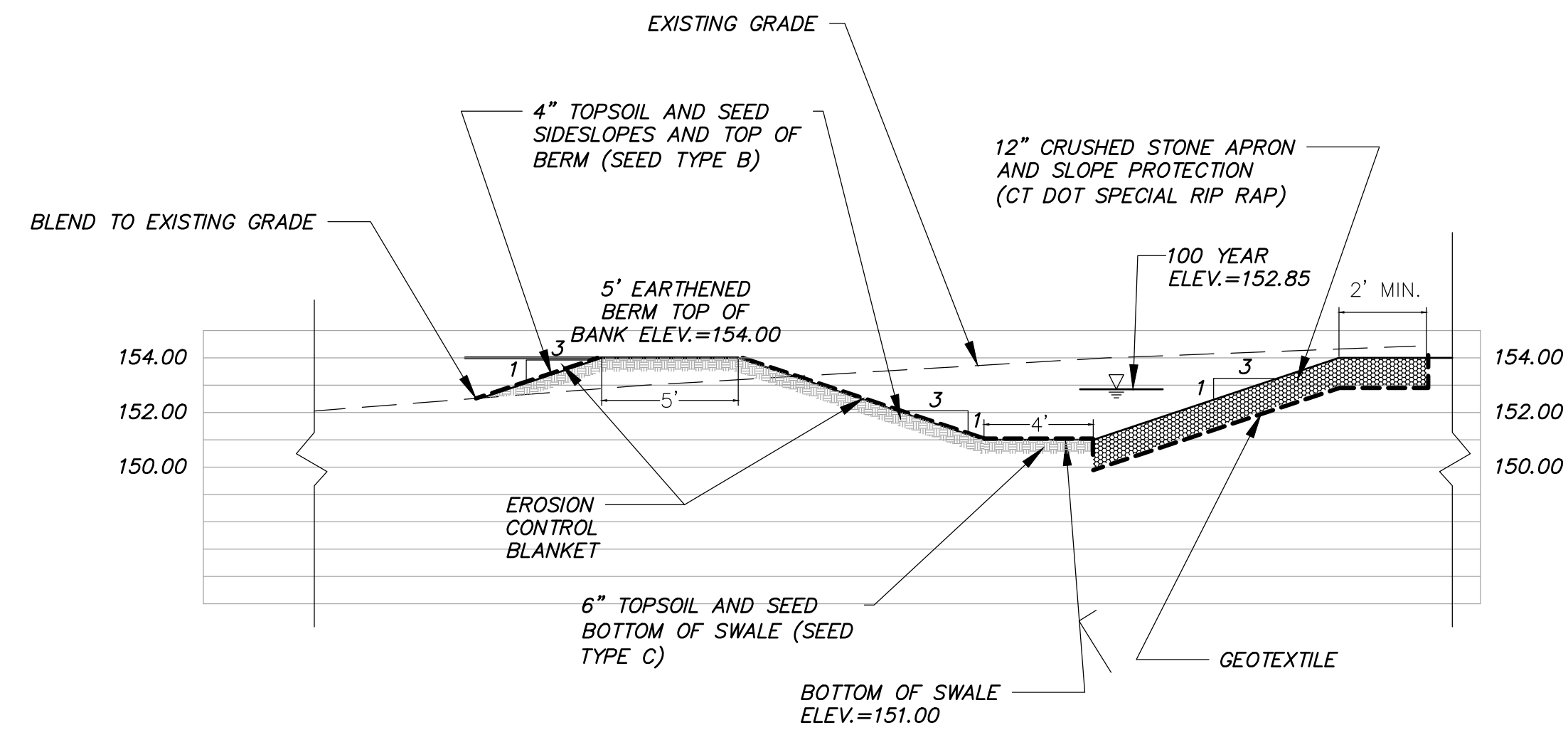


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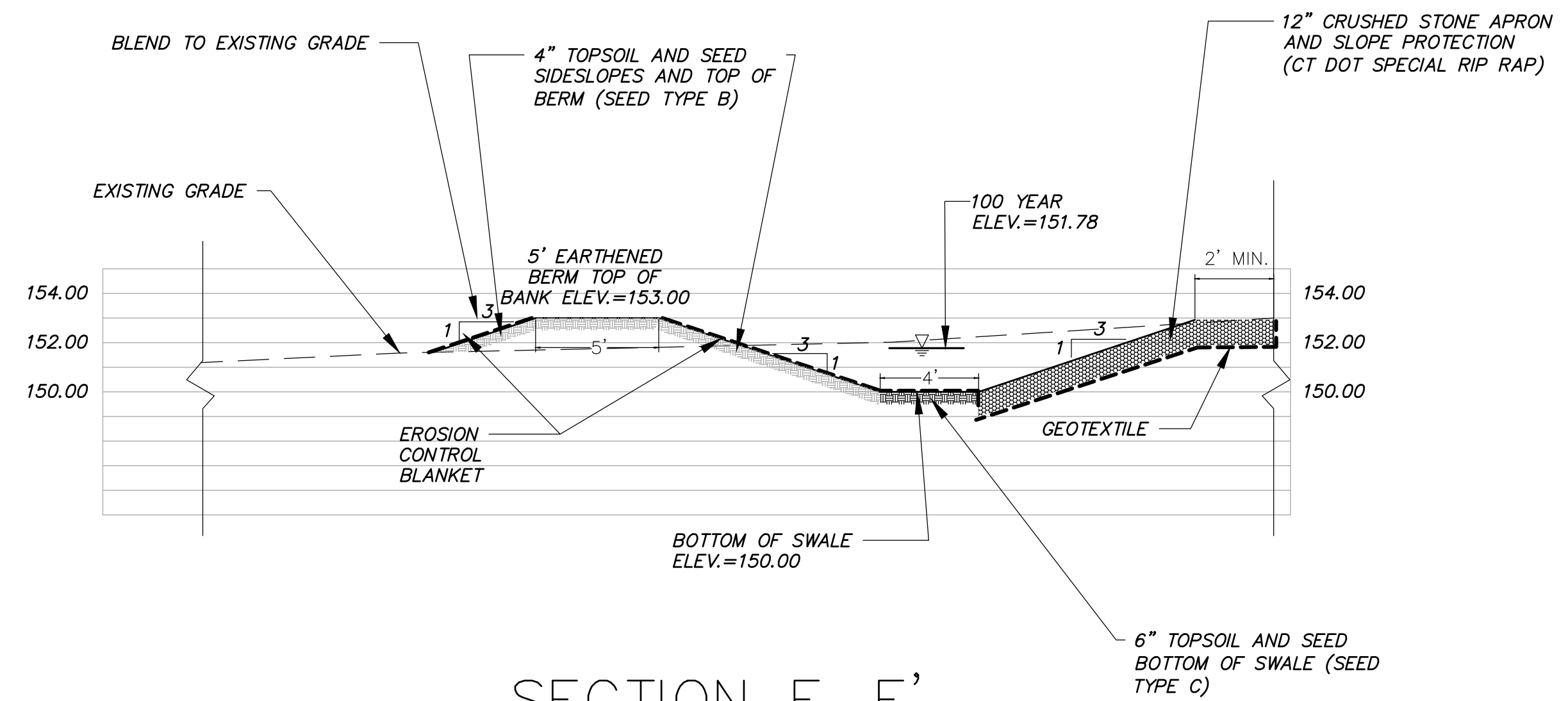
PREPARED FOR  
**COPART OF CONNECTICUT, INC.**  
 EAST ST, RUSSELL ROAD & 48 RUSSELL ROAD  
 EAST GRANBY, CONNECTICUT  
 Date: 08-04-2023 Drawn by: DRT Job no: 22107  
 Scale: 1"=5' Checked by: GAH Sheet no: 3 OF 4  
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**SD-3**

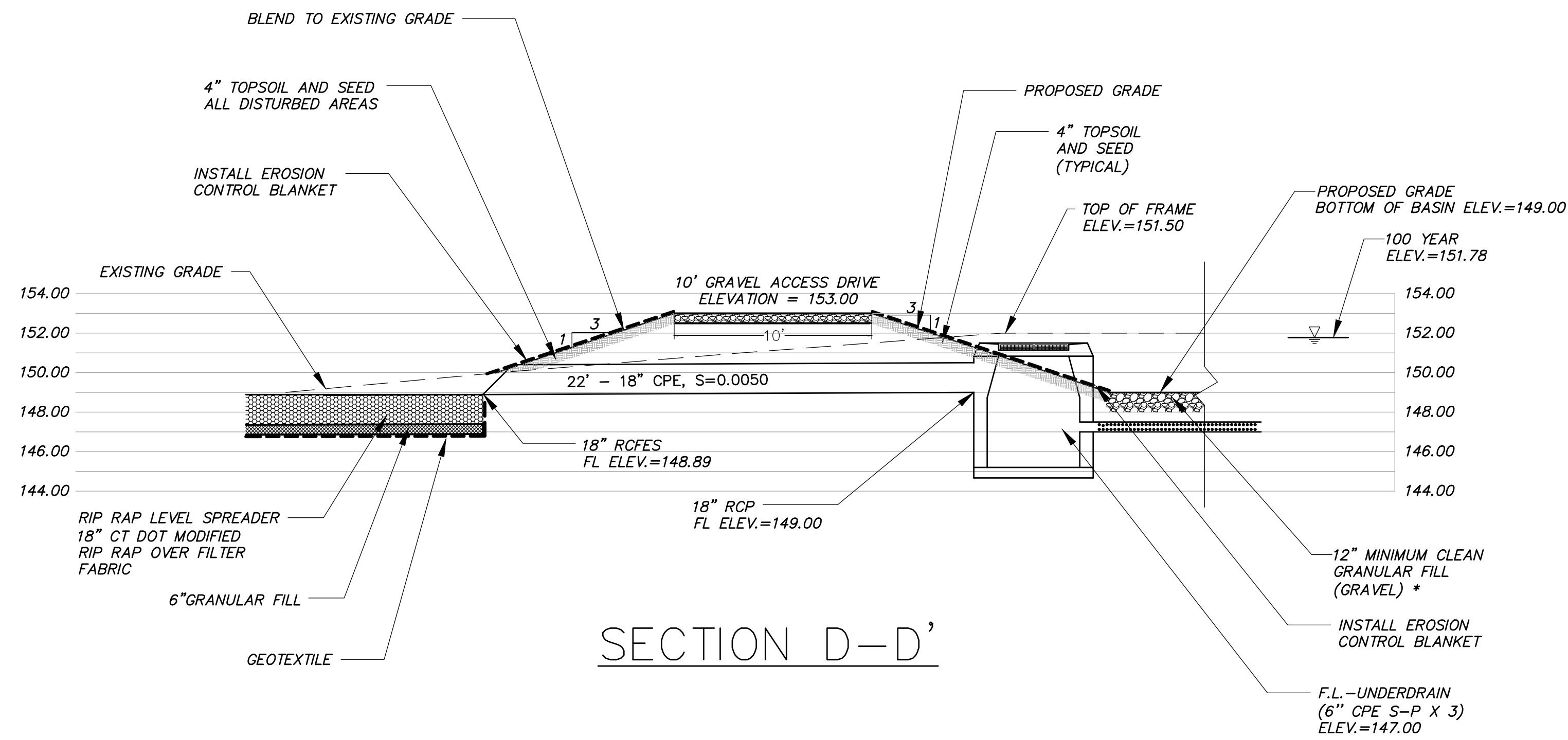
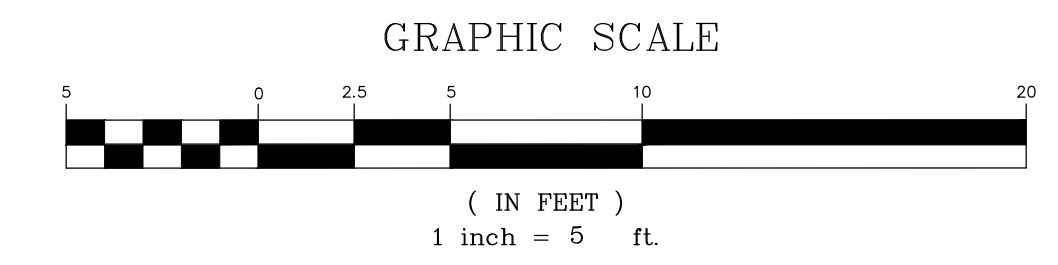




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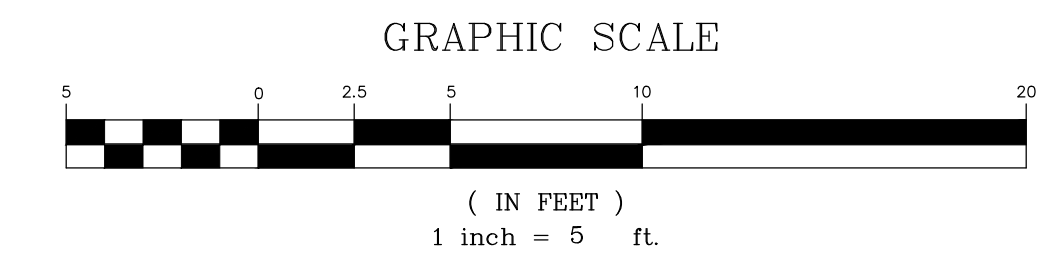
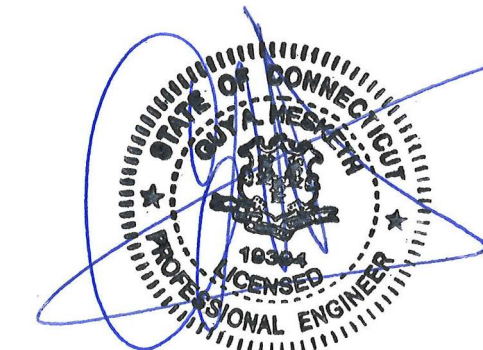


SECTION E-E'



SECTION D-D'

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No.	Date	Description

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 Date: 08-04-2023 Drawn by: DRT Job no: 22107  
 Scale: 1"=5' Checked by: GAH Sheet no: 4 OF 4  
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**SD-4**



GENERAL NOTES:

- 1. Survey information is taken from a plan entitled "COMPILATION PLAN - EXISTING CONDITIONS PLAN" Prepared for COPART OF CONNECTICUT, INC. East Street, Russel Road & 49 Russell Road, East Granby, Connecticut, dated 08-04-2024, prepared by F. A. Hesketh & Assoc., Inc., 1"=40'.
2. All work and materials to conform to Town of East Granby Public Works Department standard specifications, Connecticut D.O.T. Form 818, and custodial utility company standards and specifications, or the details shown on these plans, as applicable.
3. All work on this project shall be completed in conformance with the requirements of the various federal, State, and local permits issued for this project.
4. All work on this project shall be completed in conformance with the requirements of the various Town of East Granby zoning and inland wetland permits issued for this project.
5. A pre-construction meeting and authorization to proceed will be required prior to start of any construction, including removal of trees or stripping of land. Procedures for such pre-construction meeting and authorization to proceed shall be in accordance with Town and State requirements. The Contractor is responsible for arranging this meeting with Town officials, as applicable.
6. Prior to any excavation the contractor shall verify all underground utilities by calling 811, or 1-800-922-4455 at least 48 hours in advance.
7. The location of all utilities shown is approximate and is based on available as-built information from utility company records, the property owner, and limited survey data. All existing utilities may not be shown. The Contractor is responsible for determining the exact location of all utilities on the site prior to the start of any construction activity and notifying the design site engineer of any adjustments to the plans which are necessary. Test pits will be required at all proposed utility crossings and connection locations in order to determine underground utility locations and to identify potential conflicts with vertical and horizontal alignments shown on the plans. Test pits shall be completed by the contractor at his expense.
8. All utilities to be installed in accordance with governing/custodial utility company applicable requirements. Final location of utility connections is subject to revision by individual utility companies prior to the installation. The Contractor is responsible for coordinating the work with the custodial utility companies.
9. Erosion and sedimentation control measures shall be installed and maintained in accordance with the plans, specifications, the Soil Erosion and Sediment Control Plan and notes, and in accordance with any Town and State requirements.
10. Trees shall be flagged and approved, prior to removal.
11. No stumps, logs, brush, construction debris, or deleterious materials are to be buried on site.
12. The Contractor shall maintain the site in a neat and orderly manner throughout the construction period. All debris shall be removed from the site by the Contractor, and properly disposed, off site, in accordance with applicable laws.
13. Utility service shall be maintained at all times.
14. Drainage shall be maintained throughout the project so as not to cause flooding of roadways or damage to private property.
15. All new site utilities are to be installed underground.
16. Trees and vegetation identified to be saved shall be protected from construction equipment by suitable means approved by Town staff.
17. All exterior lighting shall not be directed onto abutting properties or roadways.
18. Removal of trees or other vegetation, or re-grading substantially different from that shown on the approved site plan, will not be permitted without prior authorization by the Town or State, as applicable.

PROJECT DESCRIPTION:

The proposed re-development consists of the construction of two (2) gravel surface, external storage areas to supplement existing external storage areas at the facility. Access to the storage areas will be via existing gravel drives that are connected to the existing external storage areas on the site. The storage areas will be graded to direct stormwater runoff to water quality basins and water quality swales. Earthen berms will be incorporated in the design to direct runoff away from adjacent wetland resource areas. Chain link security fencing is proposed around the external storage areas.

Stormwater runoff is proposed to be managed by a number of water quality basins, water quality swales, and perimeter interceptor swales. All runoff from the external storage areas will be directed to the water quality basins and water quality swales for capture and treatment, prior to discharge. Stormwater quality basins are designed to capture and treat the minimum CT DEEP-recommended water quality volume, as well as mitigate peak rates of runoff attributed to increase in less pervious areas within their respective catchment areas. Gravel access drives are provide around the basins to facilitate inspection and maintenance.

SPECIAL INLAND WETLANDS PROVISIONS:

- 1. Coordinate all work within 100-foot wetlands-regulated area with the Town's Wetlands Officer AND Tree Warden prior to start of work.
2. Coordinate removal of any trees with Town's Wetlands Officer and Tree Warden.
3. Install all erosion control devices adjacent to wetlands prior to any earth disturbance.
4. Construct and stabilize all water quality basins and water quality swales, including all outfalls, prior to construction of perimeter swales or conduct of mass earthwork.
5. Rough grade areas within wetlands-regulated areas and construct vegetated swales to direct runoff away from wetlands and into water quality basins.
6. Immediately stabilize all areas to not receive further work by topsoiling, seeding and mulching. Use erosion control blankets on all unstable, disturbed slopes 3:1 and steeper, and as indicated on the Plans (Sheets EC-1 and EC-2).
7. Do NOT stockpile any construction materials, fuels, paints, topsoil, or other earthen materials within 100-foot regulated areas.

EROSION AND SEDIMENT CONTROL NOTES

- 1. Disturbance of soil surfaces is regulated by State Law. All work shall comply with an approved "Soil Erosion and Sediment Control Plan" to prevent or minimize soil erosion.
2. The installation and maintenance of erosion control devices is the responsibility of the land owner, developer, and the excavation contractor. Town officials shall be notified in writing of the name, address and telephone number of the individual responsible for this work (including any changes) at the required pre-construction conference.
3. The contractor shall use the "Connecticut Guidelines For Soil Erosion And Sediment Control" (2002), as amended as a guide in construction the erosion and sediment controls indicated of the plans. The guidelines may be obtained from the Connecticut DEEP, 79 Elm Street, Hartford, CT, 06106-5127.
4. The project will require registration for a General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. The Contractor shall follow the requirements of the General Permit and those of a site-specific Stormwater Pollution Prevention Plan that will be generated prior to registration.
5. The contractor shall schedule operations to limit disturbance to the smallest practical area for the shortest possible time. Overall site disturbance shall be confined to those limits delineated on the plans.
6. The contractor shall schedule operations to limit disturbance to the smallest practical area for the shortest possible time. Overall site disturbance shall be confined to those limits delineated on the plans.
7. The contractor is responsible for the timely installation, inspection, repair or replacement of erosion control devices to insure proper operation.
8. The contractor shall notify the design engineer of unsatisfactory erosion conditions not controlled by the Soil Erosion and Sediment Control Plan and shall install additional measures as required.
9. All disturbed areas not covered by buildings, pavement, mulch or ground cover plantings shall be planted with grass.
10. Accumulated sediment removed from erosion control devices is to be spread and stabilized in level, erosion resistant locations as general fill.
11. Special attention shall be given to the construction sequence outlined on Grading and Erosion Control Plan.
12. The developer shall be responsible for cleaning any construction debris or sediment from existing roads as ordered by the Town and/or State, if any debris or sediment from construction activities enter onto those roadways.
13. Limit work within wetland areas to the least disturbance necessary for construction. Restore disturbed areas as closely as possible to their original natural state.
14. Additional dust control measures as specified in D.O.T. 818 Section 9.39, Section 9.42 and Section 9.43 shall be furnished by the contractor as site conditions warrant or as directed by Town or State officials.
15. The contractor is responsible for cleaning and removal of sediment and/or debris from the private as well as the Town of East Granby's storm drainage systems throughout the duration of the project (i.e. silt sacks, sumps, etc.)
16. A pre-construction meeting is recommended with the Town of East Granby Staff and/or Consultant(s) prior to the start of construction to inspect E & S control measures and to discuss construction sequencing/phasing.
17. The Owner/Developer shall add erosion and sedimentation control measures as deemed necessary by the Town of East Granby staff and/or Consultant(s) throughout the construction process.
18. The construction activities will require registration with the Connecticut Department of Energy and Environmental Protection (CT DEEP) for the General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. Construction activities shall be in compliance with the General Permit and required Stormwater Pollution Control Plan.
19. The property owner, Copart of Connecticut, Inc. shall be the responsible party for the maintenance of the Erosion and Sedimentation Control Measures. 24-Hour Emergency Contact is \_\_\_\_\_, telephone XXX-XXX-XXXX.

EROSION CONTROL DEVICES:

Refer to the "Connecticut Guidelines For Soil Erosion And Sediment Control - 2002" (see Erosion and Sediment Control Note 3) when constructing erosion control devices shown on this plan.

SFEC - SEDIMENT FENCE EROSION CHECK: a synthetic textile barrier designed to filter sediment from surface water runoff. Placement shall be similar to HBEFC and installation requires anchoring the fence bottom to prevent bypass. All sediment shall be removed if deposits reach one (1) foot in depth. Additional support (such as snow fence or wire fence) on the downhill face may be required to strengthen sediment fence in high flow locations.

CE - CONSTRUCTION EXIT: a broken stone pad providing a hard surface points where vehicles will leave the site. The construction exits require tracking of sediment into adjacent pavement. Excess sediment should be periodically removed from the stone surface.

GRSW - GRASSED SWALE: a shaped shallow earth drainage way used to convey excess surface runoff. Grass vegetation should be well established before use. Stabilization with netting or mulch may be required.

IP - INLET PROTECTION: a sediment control device used during construction that mounts under the grate of a catch basin, residing inside the structure. It is made of permeable geotextile that allows water to pass, but traps silt and sediment. (Silt Sack or approved equal). The silt sack must be removed when silt/sediment reaches one half the height of the device. Remove sediments and deposit on stable area of site and rinse device for reuse. Replace when damaged.

SL - SEDIMENT LOGS: A sediment control device consisting of an outside, open weave containment fabric filled with fibers. It is designed to provide a flexible, lightweight, porous, sediment control device with the ability to conform to the terrain upon which it is installed. It is designed to dissipate velocity of flow and filter and trap sediments upgradient and within the device.

RRLS - RIP RAP LEVEL SPREADER: a riprap lined apron installed at a zero percent grade to absorb the initial impact of stormwater discharge from the storm drainage system and further reduce flow velocities to prevent erosion downstream.

RRPP - RIP RAP PLUNGE POOL: A riprap lined apron installed at a zero percent grade to absorb the initial impact of stormwater discharge from the storm drainage system and further reduce flow velocities to prevent erosion downstream. RRPP is designed per the "Connecticut Department of Transportation, Drainage Manual - 2000"

ECB - EROSION CONTROL BLANKET: A manufactured blanket composed of biodegradable/photodegradable natural or polymer fibers and/or filaments that have been mechanically, structurally or chemically bound together to form a continuous matrix.

CONSTRUCTION SEQUENCE/PHASING:

- In general, the overall project will follow the sequence below:
1. Contact "call before you dig" at 811 or 1-800-922-4455 at least 48 hours prior to the start of construction to have existing utilities marked.
2. Attend a pre-construction meeting with the Owner, Project Engineer and Town of East Granby representatives.
3. Place sediment fence and sediment logs as shown on the Grading and Soil Erosion & Sediment Control Plan to establish perimeter controls, prior to the start of any excavation.
4. Install construction entrance/exit.
5. Stake clearing limits and complete site clearing. Coordinate activities with the Owner and Town's Wetlands Officer.
6. Strip topsoil and construct water quality basins, water quality swales, and perimeter swales.
7. Strip topsoil and construct external storage areas.
8. Remove erosion controls after disturbed areas are landscaped and mulched or new lawn areas are stabilized. Complete final cleaning of storm sewer system.
9. The approximate date for start of construction is fall of 2023. The estimated completion date is spring of 2024.

SEE SHEETS GR-1 AND GR-2 FOR DETAILED CONSTRUCTION SEQUENCE OF EXTERNAL STORAGE AREAS.

DEWATERING MEASURES:

- 1. It is anticipated that dewatering will be required for the installation of the water quality basins, the water quality swales, and associated stormwater drainage appurtenances. The Contractor is responsible for following the dewatering measures outlined in the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, Section 5-13.
2. The Contractor is responsible for selecting the appropriate dewatering measure for the specific construction task undertaken. The most appropriate dewatering method can best be determined based upon actual field conditions at the time of construction with consideration for seasonal hydrologic conditions.
3. The location of the dewatering discharge settling basins shall be field determined and located in areas as far away from wetlands as practical, and a minimum of 100 feet from wetlands resources. In all cases, areas down gradient of discharge shall be protected by silt fence erosion control. A detail of the settling basin is provided on Sheet SD-2.

SCHEDULE AND DESCRIPTION OF RESPONSIBILITY FOR MAINTENANCE OF THE ON-SITE STORM WATER SYSTEM:

- 1. Maintenance of the on-site storm water system is the responsibility of the property owner. This includes all water quality basins, water quality swales, system piping, pipe outfalls, and associated erosion control protections.
2. In general, good housekeeping practices shall be incorporated into the routine site and facility maintenance plan to minimize deposition of sediment, litter and contaminants into the external storage areas and storm drainage systems.
3. Maintenance records documenting system inspection and cleaning operations shall be maintained by the property owner and shall be made available for inspection by the Town as requested.

The following schedule of maintenance shall be followed:

Annually (in late spring):

- A. Visually inspect all drainage structures. Structures consist of outlet structures, storm drain piping, and flared-end sections outfalls. Note any deficiencies and make repairs.
B. Clean the outlet structures and piping of any accumulation of sediment and/or debris.
B.1. All cleaning and removal of sediment and debris to be performed by a licensed contractor.
B.2. Cleaning to be done with a vacuum truck so that direct access into the drainage structures is not required.
B.3. All material removed shall be disposed according to the requirements of the State of Connecticut and local regulations. If any repair work is required for the stormwater management system, the work involved shall be conducted according to Federal, State and Local Regulations.
C. Inspect water quality basins, water quality swales, and perimeter interceptor swales for:
C.1. Deposition of sediments, trash, or debris. Remove to restore capacity.
C.2. Deposition of excess sediments or erosion in rip rap plunge pools and rip rap level spreaders. Repair as needed.
C.3. Erosion in swale bottoms and sideslopes. Repair and stabilize, as needed.
C.4. Condition of flared end sections.
C.5. Repair/correct conditions, as warranted

Monthly:

- A. Remove litter and other debris from the site, water quality basins, water quality swales, and perimeter interceptor swales.
B. During the growing season:
B.1. Cut/trim vegetation in the vegetated swales and remove any accumulated debris to maintain the flow capacity of the swales.
B.2. Cut/trim vegetation in the water quality basins sideslopes, berms and gravel access drives to prevent growth of woody vegetation.

As needed:

- A. Stabilize or repair any landscaped areas on the site, including perimeter berms.
B. Clean up any spills or material deposits immediately as required according to the requirements of the State of Connecticut and local regulations.

SPECIAL PERMIT APPROVAL

I hereby certify that at a meeting on \_\_\_\_\_, the East Granby Planning & Zoning Commission approved a special permit in accordance with Section \_\_\_\_\_ of the East Granby Zoning Regulations.

Chairman Date signed

In accordance with Section X.A.1.f. of the zoning regulations, this special permit shall expire on \_\_\_\_\_ (12 months of the date of approval) unless the authorized Special Permit activity has begun or unless an extension of time has been granted by the Commission.

In accordance with CGS 8-3d, any Special Permit shall be recorded in the Land Records.

PERMIT - WETLANDS REGULATED ACTIVITY

I hereby certify that at a meeting on \_\_\_\_\_, the East Granby Conservation Commission gave final approval to this plan to conduct a regulated wetlands activity in accordance with the East Granby Inland Wetlands and Water Courses Regulations.

Chairman Date Signed

In accordance with Section 11.5.1 of the Regulations, this Permit shall expire unless the activity has been initiated by \_\_\_\_\_ (1 year from date of approval).

In accordance with Section 11.4.2 all work in connection with this permit shall be completed by \_\_\_\_\_ (five years of the date of approval). In accordance with Section 11.4.2 the time period within which the regulated activity shall be conducted is limited to \_\_\_\_\_

Received for filing on \_\_\_\_\_ by \_\_\_\_\_ Town Clerk

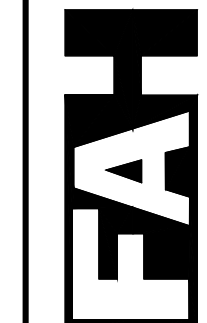


Table with 2 columns: No., Description. Revisions: No., Date, Description.

NOTES: PREPARED FOR COPART OF CONNECTICUT, INC. EAST ST. RUSSELL ROAD & 49 RUSSELL ROAD EAST GRANBY, CONNECTICUT. Date: 08-04-2023 Drawn by: DFT Job no: 22107 Scale: N.T.S. Checked by: GAH Street no: 7 OF 7

NT-1

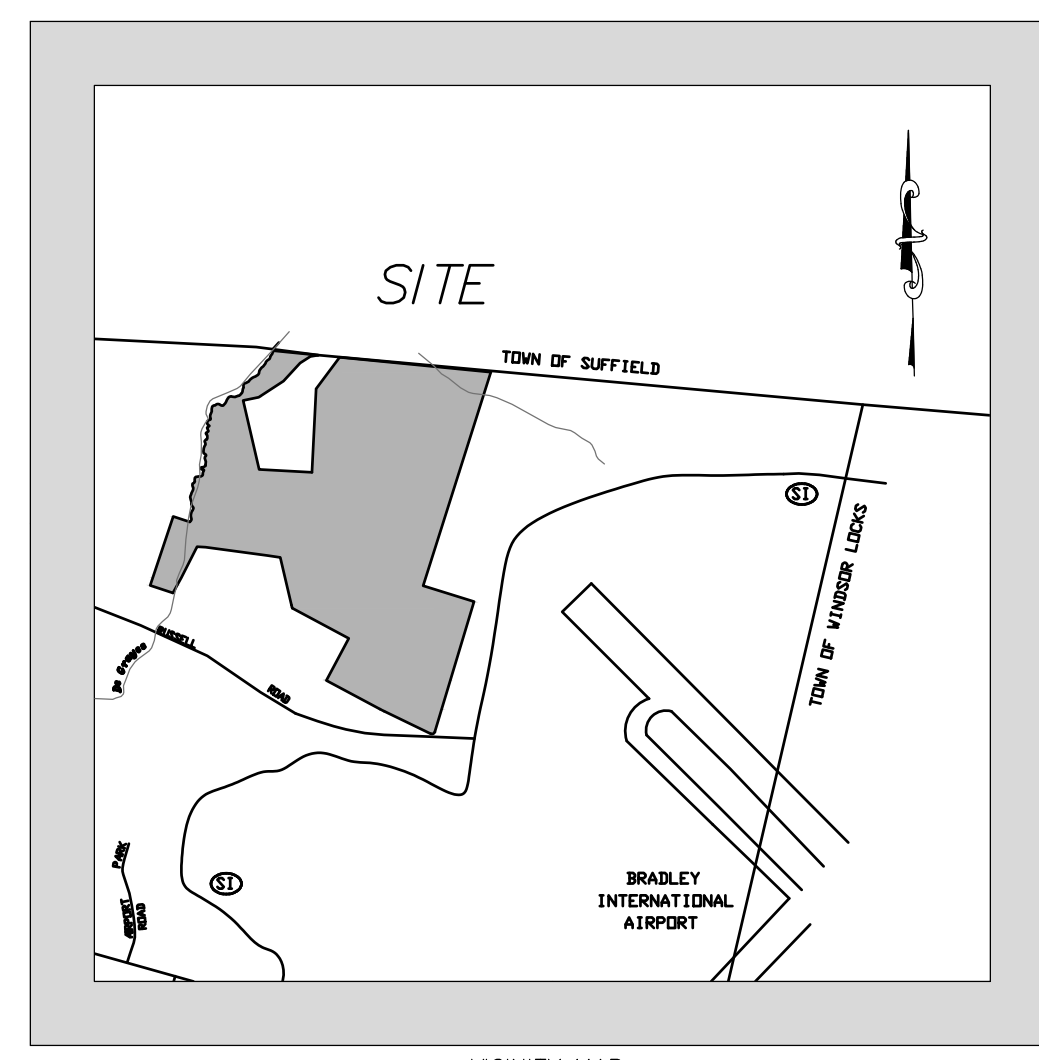
F. A. Hesketh & Associates, Inc. 3 Creamery Brook, East Granby, CT 06026 Phone (860) 653-8000 Fax (860) 844-9800 www.fahsketh.com





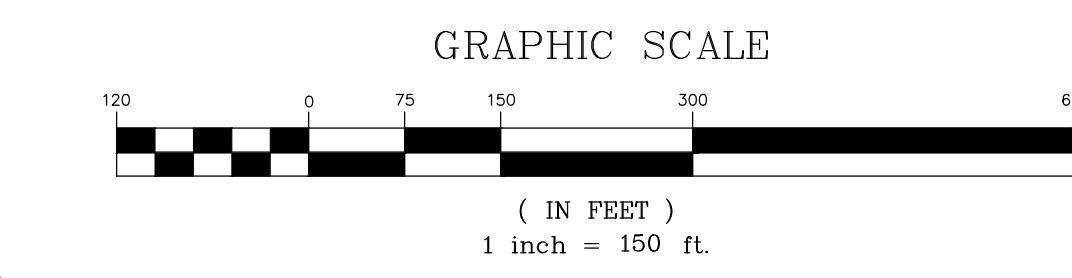
LEGEND  
(SYMBOLS NOT TO SCALE)

- CATCH BASIN
- SANITARY MANHOLE
- DRAINAGE MANHOLE
- WATER MANHOLE
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- UNKNOWN MANHOLE
- YARD DRAIN
- CABLE MANHOLE
- FLARED END SECTION
- FIRE HYDRANT
- WATER GATE VALVE
- GAS GATE VALVE
- MISC. GATE VALVE
- VENT PIPE
- FILL CAP
- WELL
- MAIL BOX
- HAND HOLE
- CONTROLLER CABINET
- ELECTRIC TRANSFORMER
- UTILITY POLE
- GUY WIRE
- CROSSWALK POLE
- LIGHT POLE
- POST
- TRAFFIC LIGHT SUPPORT POLE
- STREET SIGN
- TREE (TYP.)
- MONITOR WELL
- BORING
- ELECTRIC METER
- GAS METER
- WATER METER
- TELEPHONE
- AC UNIT
- TREE LINE
- STONE WALL
- GUIDE RAIL
- DIRECTION OF FLOW
- I.P. PROPERTY CORNER
- MONUMENT
- DRILL HOLE
- SURVEY CONTROL POINT
- FENCE LINE
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- CABLE TELEVISION LINE
- OVERHEAD WIRES
- POINT OF BEGINNING
- NOTHING
- EASTING
- NOW OR FORMERLY
- EAST GRANBY LAND RECORDS
- DELTA ANGLE
- RADIUS
- TANGENT
- LENGTH
- CHORD
- CHORD BEARING
- FRONT YARD
- SIDE YARD
- REAR YARD
- CONTROL POINT



- NOTES:
1. THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20, AS AMENDED.
  2. IT IS A COMPILATION PLAN INTENDED TO BE USED FOR PLANNING PURPOSES.
  3. THIS SURVEY FALLS INTO THE RESURVEY BOUNDARY DETERMINATION CATEGORY. IT IS BASED ON MAP REFERENCE 1. THIS SURVEYOR IS NOT RENDERING A BOUNDARY OPINION BY PREPARING THIS MAP.
  4. THIS SURVEY CONFORMS TO CLASS T-D TOPOGRAPHIC ACCURACY STANDARDS AND SUPPLEMENTED WITH FIELD TOPOGRAPHY TO T-2 STANDARDS WITHIN LIMIT OF FIELD TOPO. WETLAND FLAGS AND OTHER IMPROVEMENTS CONFORM TO CLASS D ACCURACY STANDARDS.
  5. BEARINGS DEPICTED HEREON ARE BASED UPON MAP REFERENCE 1. COORDINATES, ELEVATIONS DEPICTED HEREON REFER TO NAD 83 AND NAVD 88 BASED UPON GPS RAPID STATIC OBSERVATIONS PERFORMED ON APRIL 28, 2023, RESULTING IN THE FOLLOWING VALUES FOR CONTROL POINT #1 N=904583.11, E=1014171.49 ELEV.=167.57 AND CONTROL POINT #4 N=903414.33, E=1013829.83, ELEV.=166.93.
  6. WETLANDS DEPICTED HEREON ARE BASED UPON MAP REFERENCE #2.
  7. IMPROVEMENTS DEPICTED HEREON ARE BASED UPON MAP REFERENCE #1.
  8. CONTOURS OUTSIDE OF FIELD TOPOGRAPHY ARE BASED UPON CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, 2016 IMAGERY AND LIDAR MAP PURPORTED TO REFER TO NAVD88.
  9. PORTIONS OF THE SUBJECT PARCEL LIE WITHIN A FEMA SPECIAL FLOOD HAZARD AREA ZONE AE BASE FLOOD ELEVATION DETERMINED. OTHER AREAS LIE WITHIN ZONE X OTHER AREAS BASED UPON A VISUAL INSPECTION OF A MAP ENTITLED "PANEL 0204F, FIRM, FLOOD INSURANCE RATE MAP, HARTFORD COUNTY, CONNECTICUT (ALL JURISDICTIONS) PANEL 204 OF 675, MAP NUMBER 09003C0204F, EFFECTIVE DATE SEPTEMBER 26, 2008 BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
  10. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS (IF ANY) DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING, PAROLE TESTIMONY, VISIBLE FEATURES AND OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO THIS SURVEYOR. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL BEFORE YOU DIG 1-800-922-4455.

- MAP REFERENCE:
1. ALTA/NSPS LAND TITLE SURVEY, EAST GRANBY, 6 EAST STREET, 13 RUSSELL ROAD & 49 RUSSELL ROAD, EAST GRANBY, CONNECTICUT, 06026, DATE: MAY 07, 2019, REVISED JUNE 12, 2019, SCALE 1"=150', SHEET 2 OF 5 BY LEHR LAND SURVEYORS.
  2. PRELIMINARY PLAN, RELOCATION OF HARTFORD SPRINGFIELD AUCTION CO-OP L.L.C., RUSSELL ROAD, EAST GRANBY, CONNECTICUT, SCALE 1"=150', DATE: MARCH 2008, BY DICARA LAND SURVEYING SERVICES.
  3. CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL SERVICES, CONNECTICUT ENVIRONMENTAL CONDITIONS ONLINE, 2016 ORTHOPHOTOGRAPHY AND LIDAR MAP AND DOWNLOAD.



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

THIS MAP IS NOT VALID WITHOUT THE LIVE SIGNATURE AND IMPRESSION TYPE SEAL OF THE LAND SURVEYOR WHOSE NAME APPEARS HEREON.

TODD S. HESKETH LS 17945

No.	Date	Revisions/Description

COMPILATION PLAN  
EXISTING CONDITIONS PLAN  
PREPARED FOR  
**COPART OF CONNECTICUT, INC.**  
EAST ST. RUSSELL ROAD & 49 RUSSELL ROAD  
EAST GRANBY, CONNECTICUT

Date: 08-04-2021 Drawn by: WJD Job no: 22107  
Scale: 1" = 150' Checked by: TSH Sheet no: 1 OF 1  
1/2022/12/07 - COPART E/S Survey/BASE MAP 2023-08-31 -MA083 - NAVD88.ang. CP-1, Aug. 31, 2023 - 6:43:39 AM

**CP-1**

**F. A. Hesketh & Associates, Inc.**  
3 Creamery Brook, East Granby, CT 06026  
Phone (860) 653-8000 Fax (860) 844-8600  
www.fahsketh.com mail@fahsketh.com

