

PROJECT SITE
SCALE: 1" = 500'

PROJECT SITE - PROPERTY OWNERS			
MAP-LOT	PROPERTY ADDRESS	OWNER NAME	OWNER ADDRESS
8-11	10 SOUTH MEADOW LANE	GOODWIN COLLEGE, INC.	ONE RIVERSIDE DRIVE EAST HARTFORD, CT 06118
8-12	6 SOUTH MEADOW LANE	WILLIAM H. PARKER C/O RUSSELL BIDWELL	3180 HEBRON AVENUE GLASTONBURY, CT 06033
8-13	1 SOUTH MEADOW LANE	GOODWIN COLLEGE, INC.	ONE RIVERSIDE DRIVE EAST HARTFORD, CT 06118

GOODWIN COLLEGE
ONE RIVERSIDE DRIVE EAST HARTFORD, CT

SOUTH MEADOWS MULTI-USE RECREATIONAL TRAIL
EAST HARTFORD, CT

PROJECT NUMBER
1570-35

DECEMBER 21, 2017
REVISED APRIL 26, 2018

PHASE IIIA

INSPECTION NOTES

1. THE DEVELOPER SHALL NOTIFY THE TOWN OF EAST HARTFORD ENGINEERING DIVISION 24 HOURS PRIOR TO BEGINNING ANY STORM DRAINAGE, ROADWAY PREPARATION, PAVING, SIDEWALK, CURBING, STREET LINE MONUMENTATION, PROPERTY CORNER PINS, ETC., TO SCHEDULE INSPECTIONS. THE DIVISION CAN BE REACHED BETWEEN 8:30 A.M. - 4:30 P.M. AT 291-7380.
2. THE TOWN SHALL BE NOTIFIED IN WRITING AT LEAST 2 DAYS IN ADVANCE OF THE PRE-CONSTRUCTION MEETING BETWEEN THE CONTRACTOR AND THE ENGINEER.

TOWN OF EAST HARTFORD
PLANNING & ZONING COMMISSION
SITE PLAN CERTIFICATE
OF APPROVAL

APPROVAL DATE _____
EXPIRATION DATE _____

CHAIRMAN

LIST OF DRAWINGS

- COVER SHEET
- CE-1 OVERALL PLAN & SITE PLAN
- CE-2 PROFILE & CROSS SECTION
- CE-3 SITE DETAILS
- CE-4 SITE DETAILS

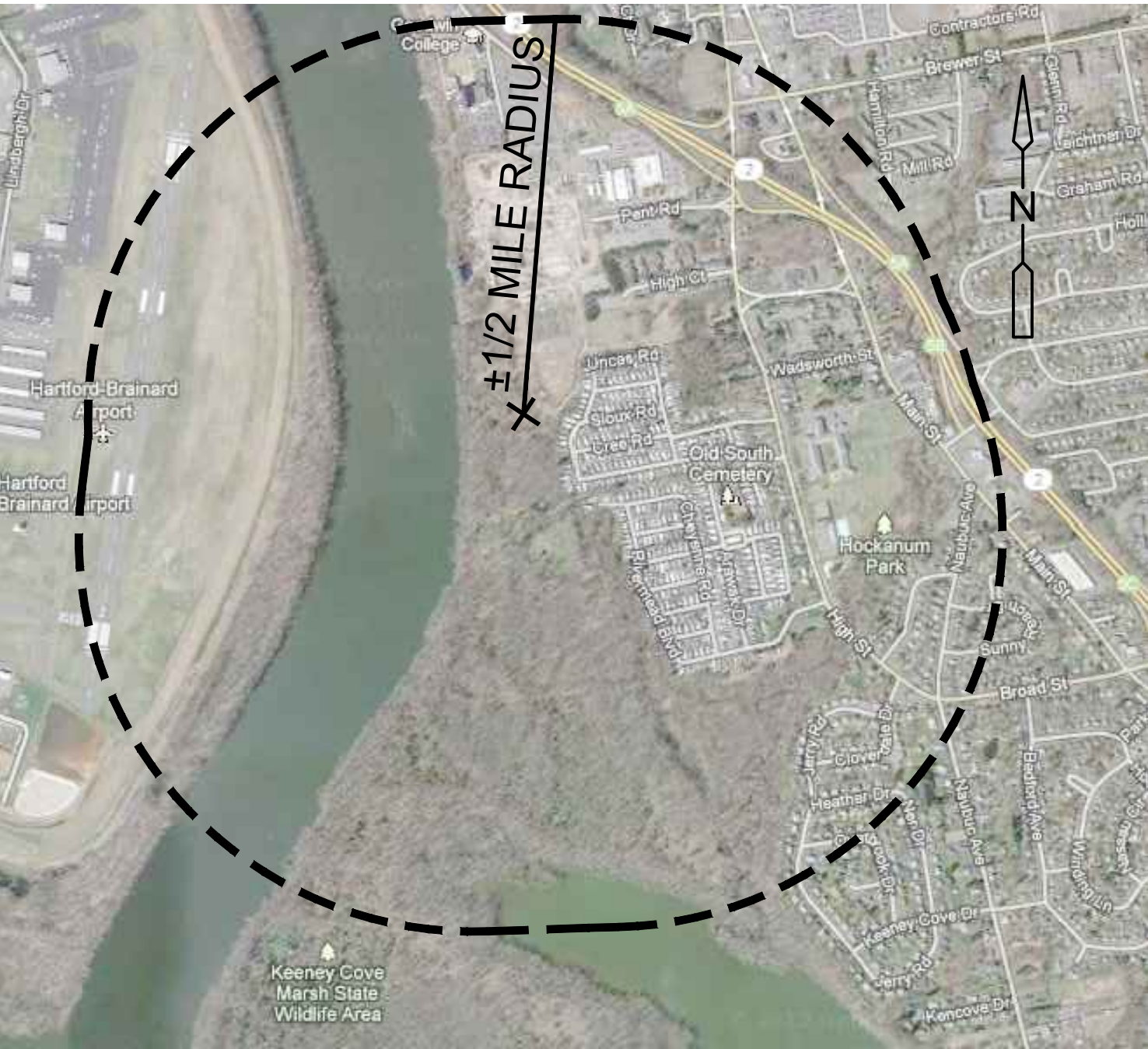
PREPARED FOR



PREPARED BY

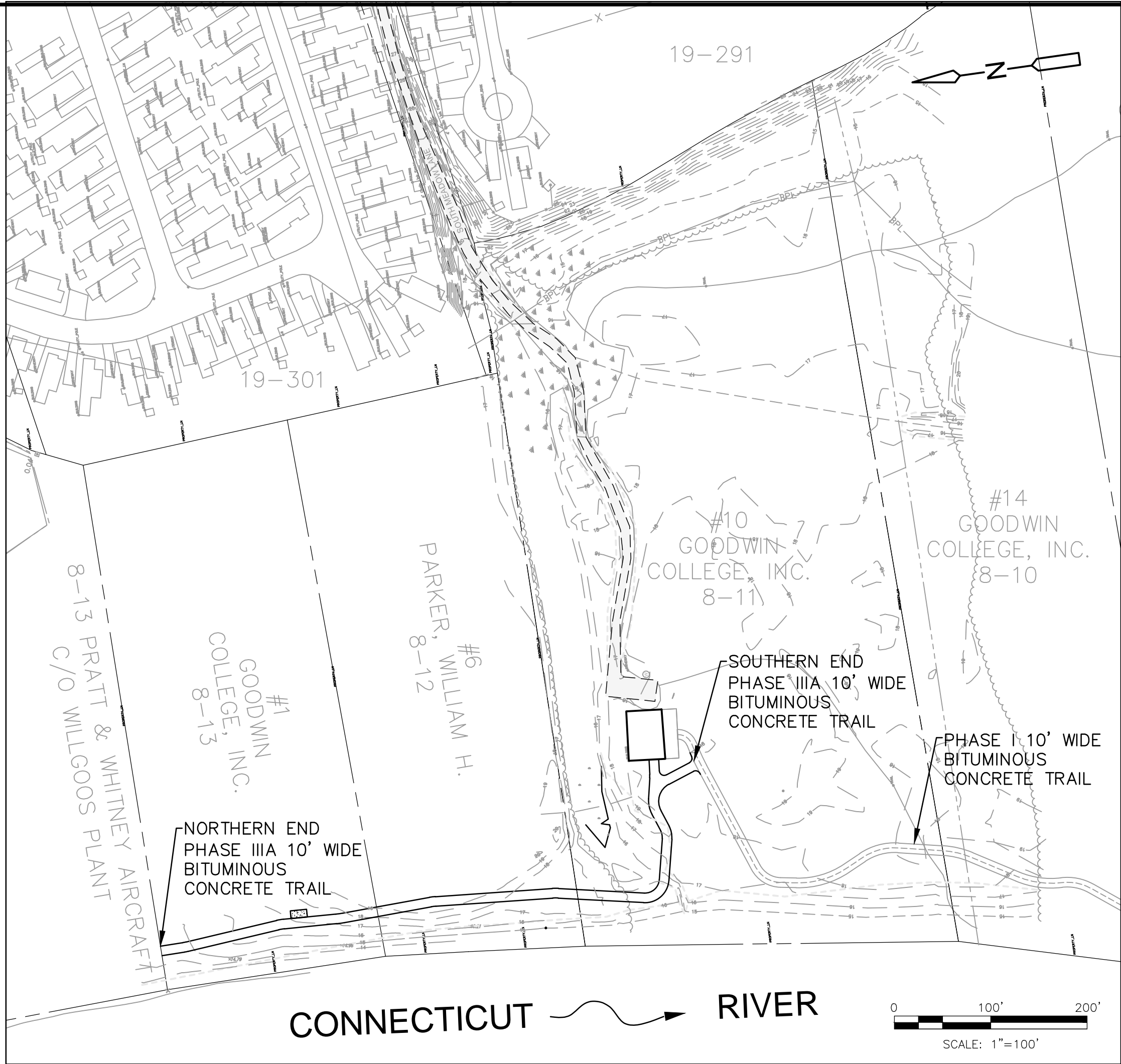


40 Cold Spring Road • Rocky Hill, CT 06067
Phone 860.436.4901 • Fax 860.436.4953



LOCATION PLAN
SCALE: 1" = 1000'

FILE PATH: H:\Projects\Goodwin College\1570 - Misc Campus Wide Tech Support\Task 35 - S. Meadows Trails - Phase III (1930) AutoCAD Civil 3D\1570-35 - Site Plan Phase 3A.dwg PLOT DATE: 1/26/2018 PLOT TIME: 9:35:40 AM

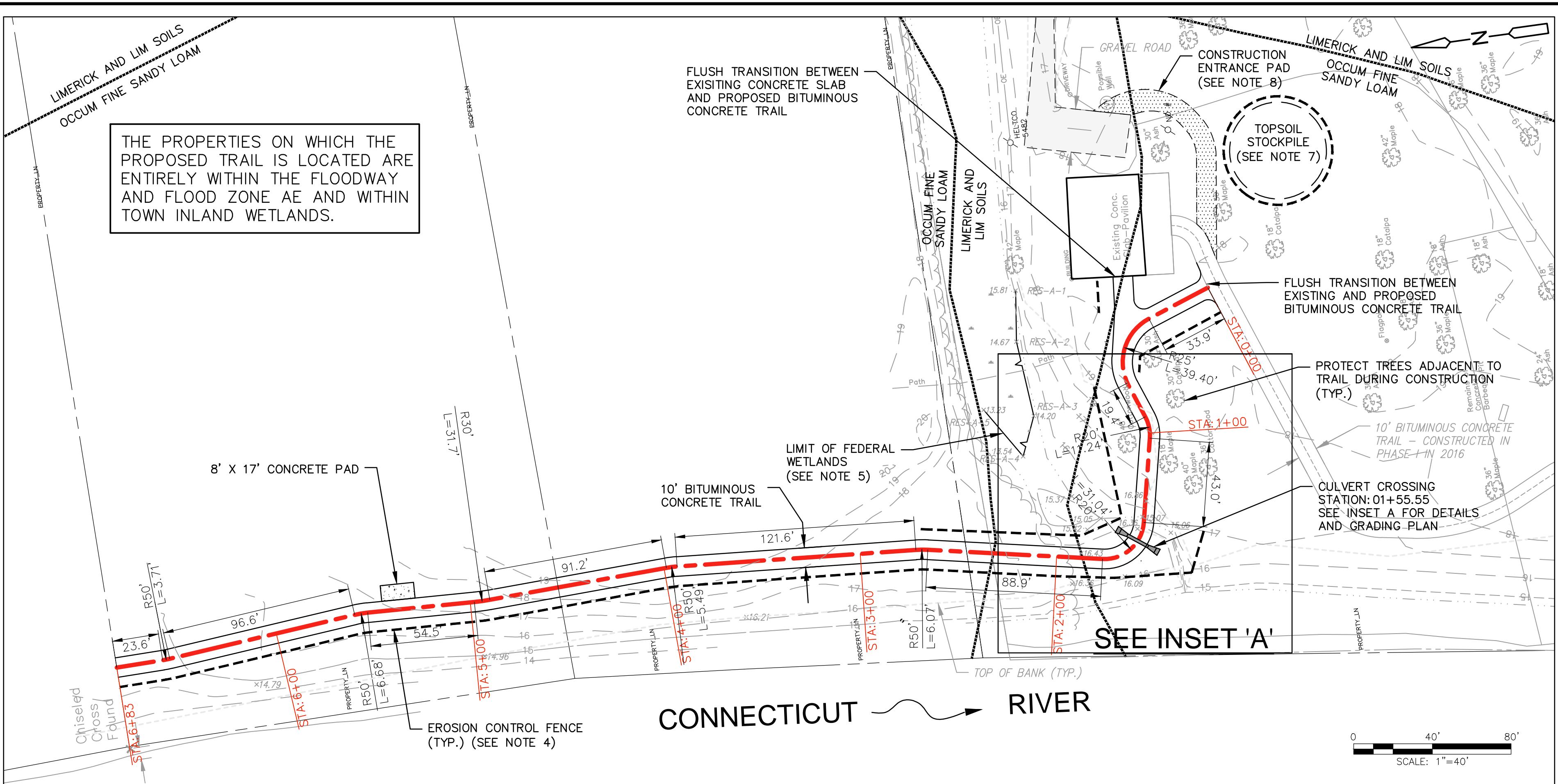


OVERALL PLAN

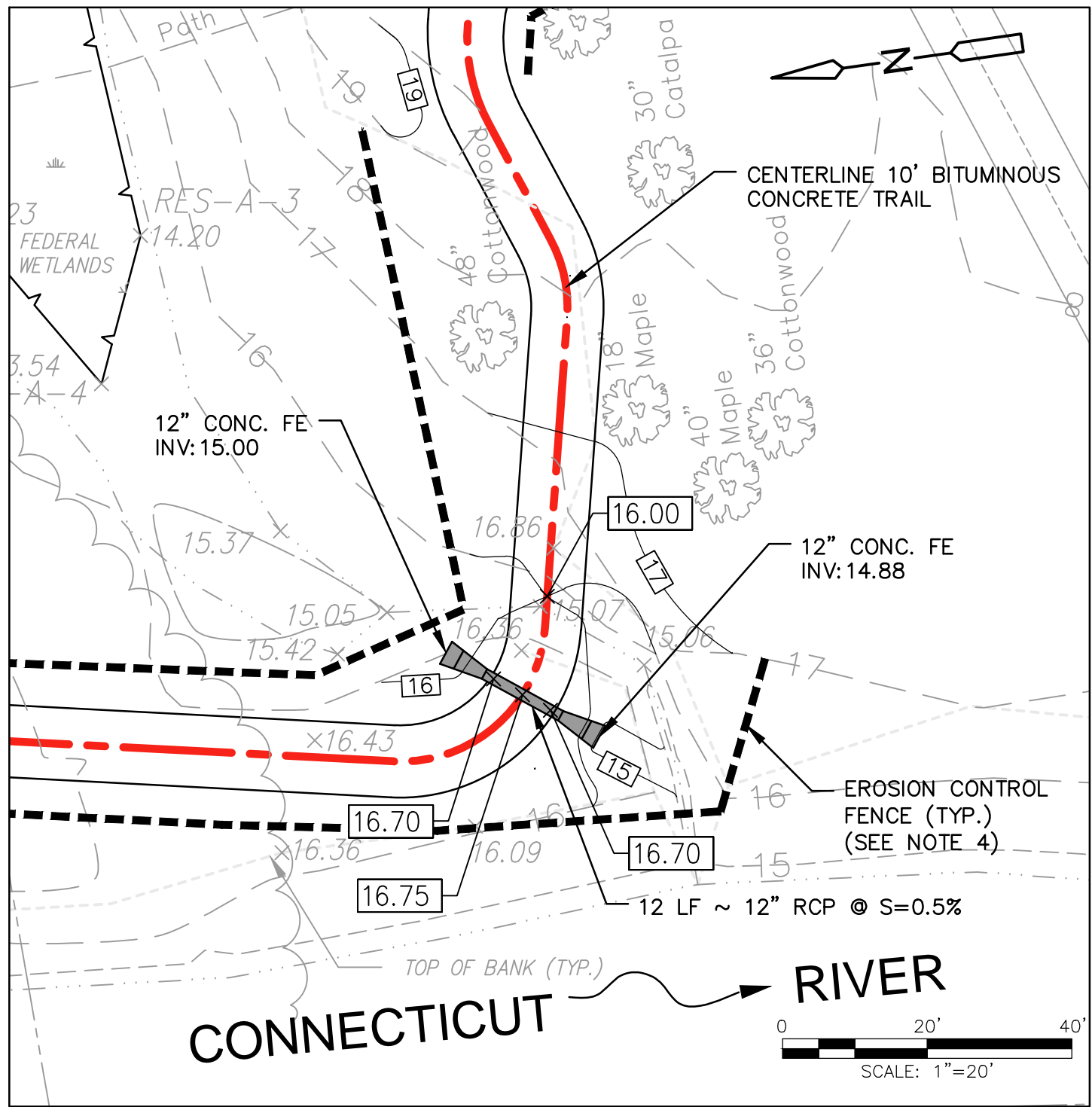
NOTES

- THIS SURVEY AND MAP WERE PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300-b1 THRU 20-300b-20 AND "THE STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996. IT CONFORMS TO HORIZONTAL ACCURACY CLASS D. NO PROPERTY/BOUNDARY OPINION IS PRESENTED HEREON. ELEVATIONS DEPICTED HEREON ARE BASED ON NGVD 1929.
- PROPERTY LINES DEPICTED HEREON ARE BASED ON TAX ASSESSOR RECORDS AND LIMITED RECORD RESEARCH.
- ENTIRE PROPOSED TRAIL SYSTEM IS WITHIN THE FLOODWAY AND FLOOD ZONE AE AND WITHIN TOWN INLAND WETLANDS. THE 100-YEAR FLOOD ELEVATION (NGVD 1929) IS 29 FEET.
- CONTRACTOR TO INSTALL EROSION CONTROL FENCE (SILT FENCE/STAKED HAYBALES) DOWNSLOPE OF ALL DISTURBED AREAS PRIOR TO CONSTRUCTION. ADDITIONAL EROSION CONTROL FENCE (SILT FENCE OR STAKED HAYBALES) SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER AFTER STAKEOUT OF THE TRAIL, BUT PRIOR TO CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL AVOID ALL DISTURBANCE TO THE FEDERAL WETLANDS AREA AT ALL TIMES.
- CONTRACTOR SHALL INSTALL IDENTIFICATION SIGNS AND/OR DIRECTIONAL SIGNS ALONG THE TRAIL AS DETERMINED BY GOODWIN COLLEGE.
- CONTRACTOR TO STRIP AND STOCKPILE ENOUGH TOPSOIL FOR STABILIZATION OF DISTURBED AREAS ADJACENT TO THE 10' BITUMINOUS TRAIL. IN GENERAL, EXCESS MATERIAL FROM PROJECT TO BE LIVE-LOADED AND REMOVED FROM JOB SITE AS CONSTRUCTION PROGRESSES. EXCESS MATERIAL TO BE DISPOSED OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE RULES AND REGULATIONS.
- CONTRACTOR TO DIRECT ALL CONSTRUCTION VEHICLES OVER CONSTRUCTION ENTRANCE PAD. CONTRACTOR SHALL REMOVE CONSTRUCTION ENTRANCE PAD ONCE CONSTRUCTION IS COMPLETE AND RESTORE THE AREA TO THE EXISTING CONDITIONS WITH TOPSOIL, SEED AND/OR MULCH.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL INSTALL ORANGE CONSTRUCTION FENCING AROUND THE SEDGE STUDY AREA AT THE LOCATION SHOWN ON THE PLANS. DURING CONSTRUCTION THE CONTRACTOR SHALL AVOID ALL DISTURBANCE TO THE SEDGE STUDY AREA. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE ANY DISTURBED OR DAMAGED AREAS IN THE SEDGE STUDY AREA RESULTING FROM HIS ACTIONS TO ITS ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.

NOT FOR CONSTRUCTION



SITE PLAN



INSET 'A'

INSPECTION NOTES

- THE DEVELOPER SHALL NOTIFY THE TOWN OF EAST HARTFORD ENGINEERING DIVISION 24 HOURS PRIOR TO BEGINNING ANY STORM DRAINAGE, ROADWAY PREPARATION, PAVING, SIDEWALK, CURBING, STREET LINE MONUMENTATION, PROPERTY CORNER PINS, ETC., TO SCHEDULE INSPECTIONS. THE DIVISION CAN BE REACHED BETWEEN 8:30 A.M. - 4:30 P.M. AT 291-7380.
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TOWN OF EAST HARTFORD
PLANNING & ZONING COMMISSION
SITE PLAN CERTIFICATE
OF APPROVAL

APPROVAL DATE _____
EXPIRATION DATE _____

CHAIRMAN

REV. NO.	DATE	DRWN	CHKD	REMARKS
1	4-23-18	SIH	GBS	REVISED PER TOWN COMMENTS

PROJECT NO.: 1570-35
DESIGNED BY: JAS/GBS
DRAWN BY: JAS
SHEET CHK'D BY: GBS
CROSS CHK'D BY: _____
APPROVED BY: GBS
DATE: 12-21-17

PREPARED FOR:



ONE RIVERSIDE DRIVE
EAST HARTFORD, CT

PREPARED BY:



40 Cold Spring Road • Rocky Hill, CT 06067
Phone 860.436.4901 • Fax 860.436.4953

SOUTH MEADOWS MULTI-USE
RECREATIONAL TRAIL

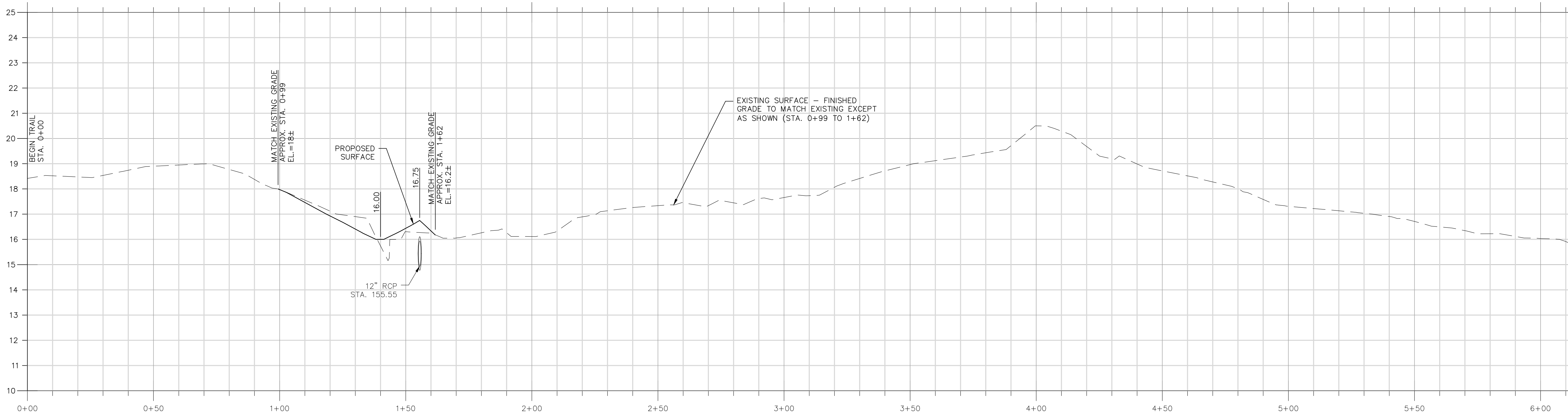
EAST HARTFORD, CT

PHASE IIIA
OVERALL PLAN & SITE PLAN

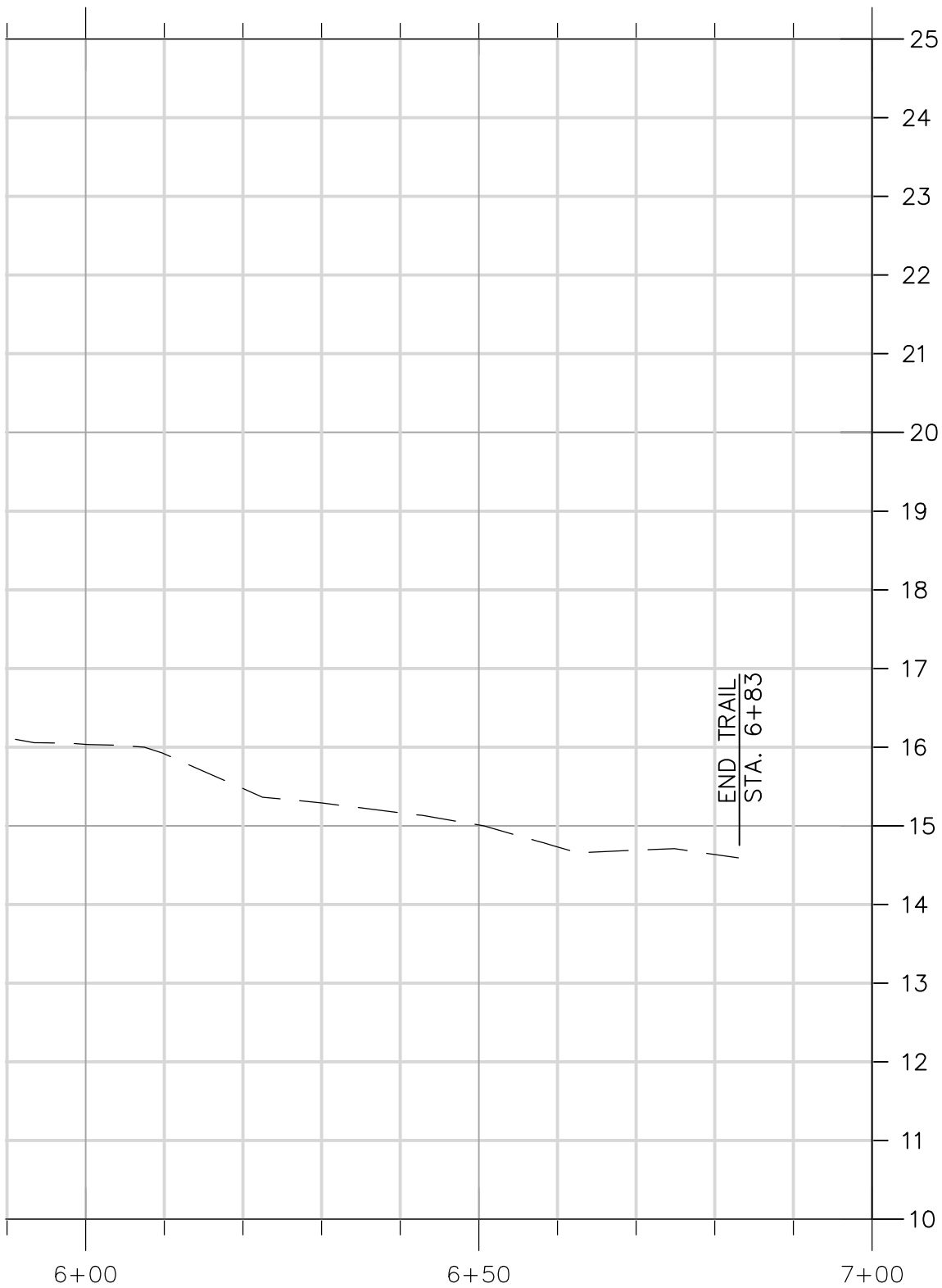
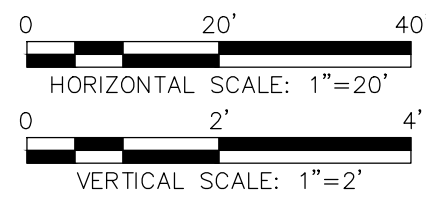
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CE-1

FILE PATH: H:\Projects\Goodwin College\1570 - Misc Campus Wide Tech Support\Task 35 - S. Meadows Trails - Phase III (1930)AutoCAD\CV1570-35 - Site Plan Phase 3A - Profile & X-Section.dwg PLOT DATE: 4/26/2018 PLOT TIME: 9:24:42 AM

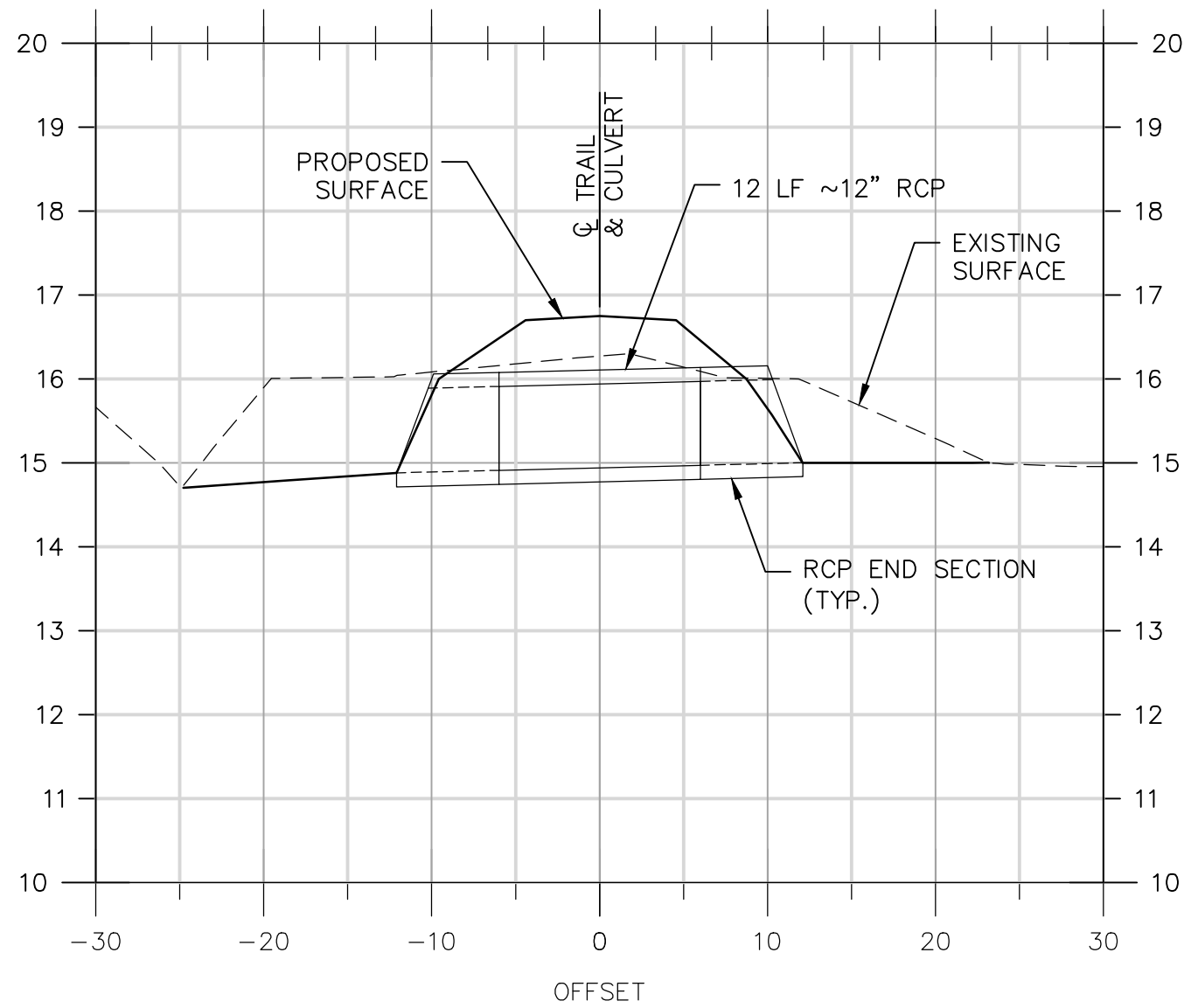


PROFILE

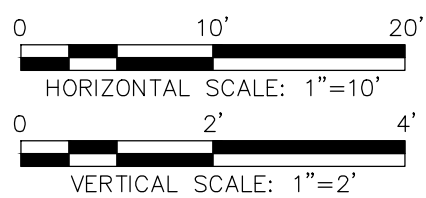


PROFILE (CONT.)

NOT FOR CONSTRUCTION



CULVERT CROSSING AT STATION 1+55.55



TOWN OF EAST HARTFORD
PLANNING & ZONING COMMISSION
SITE PLAN CERTIFICATE
OF APPROVAL


APPROVAL DATE _____
EXPIRATION DATE _____

CHAIRMAN

REV. NO.	DATE	DRWN	CHKD	REMARKS

PROJECT NO.:	1570-35
DESIGNED BY:	JAS/GBS
DRAWN BY:	SJH
SHEET CHK'D BY:	GBS
CROSS CHK'D BY:	
APPROVED BY:	GBS
DATE:	4-26-18

PREPARED FOR:


GOODWIN COLLEGE
ONE RIVERSIDE DRIVE
EAST HARTFORD, CT

PREPARED BY:


ZUVIC-CARR AND ASSOCIATES
CONSULTING ENGINEERS
40 Cold Spring Road • Rocky Hill, CT 06067
Phone 860.436.4901 • Fax 860.436.4953

SOUTH MEADOWS MULTI-USE
RECREATIONAL TRAIL

EAST HARTFORD, CT

PHASE IIIA
PROFILE & CROSS SECTION

SHEET NO.

CE-2

FILE PATH: H:\Projects\Goodwin College\1570 - Misc Campus Wide Tech Support\Task 35 - S. Meadows Trails - Phase III (1930)AutoCAD\Civil\1570-35 - Details Phase 3A.dwg PLOT DATE: 4/24/2018 PLOT TIME: 11:41:28 AM

NARRATIVE

THE PROJECT ENTAILS THE CONSTRUCTION OF APPROXIMATELY 720 L.F. OF A 10’ WIDE BITUMINOUS WALKING TRAIL. THE PROPOSED WALKING TRAIL WILL CROSS 3 PROPERTIES TOTALING APPROXIMATELY 12.7 ACRES.

ALL CONSTRUCTION IS WITHIN THE FLOOD PLAIN OF THE CONNECTICUT RIVER. AS SUCH, THE TRAILS WILL BE CONSTRUCTED TO MATCH EXISTING GRADE WITH NO ADDITIONAL FILL ADDED. CONSTRUCTION WILL OCCUR OUTSIDE THE NORMAL FLOOD SEASON, AND CAUTION WILL BE TAKEN DURING CONSTRUCTION TO MONITOR FOR POSSIBLE FLOOD CONDITIONS. THE CONSTRUCTION WILL ALSO BE TIMED TO AVOID THE EAGLE BREEDING SEASON.

INFORMATIONAL SIGNAGE WILL BE INSTALLED AS PART OF THE CONSTRUCTION ALONG WITH OTHER AMENITIES (BENCHES, DIRECTIONAL SIGNAGE, ETC.).

CONSTRUCTION SCHEDULE

CONSTRUCTION IS SCHEDULED TO BE STARTED IN SEPTEMBER 2018 AND BE COMPLETED IN NOVEMBER 2018.

RESPONSIBLE CONTACT

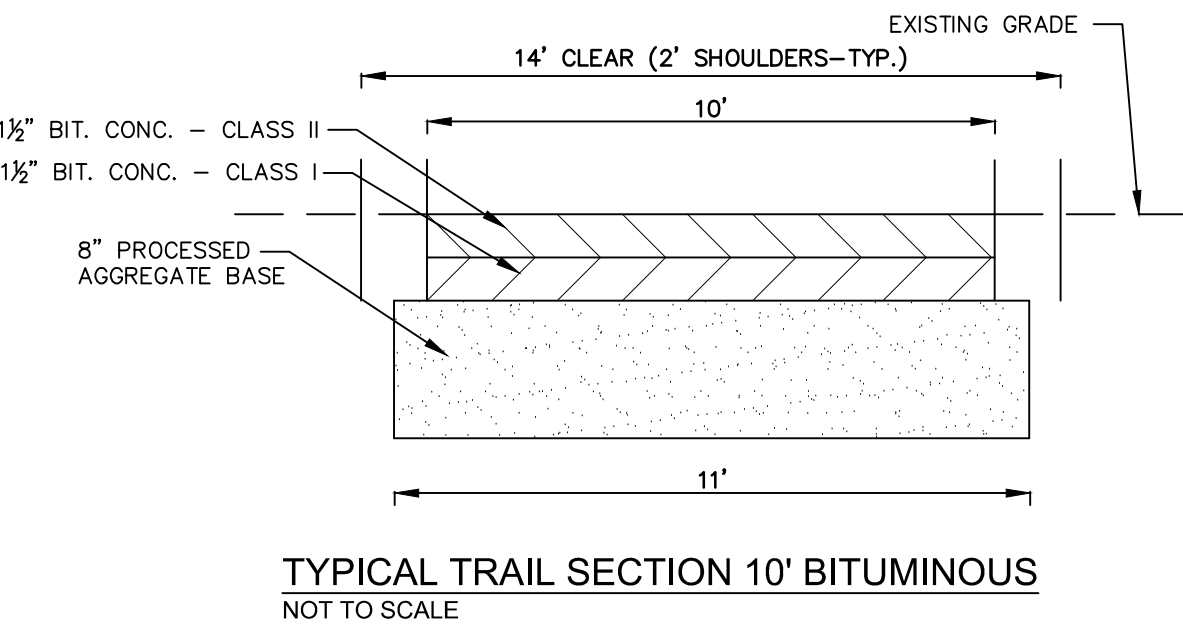
THE RESPONSIBLE CONTACT PERSON FOR ASSURING THAT ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ARE PROPERLY INSTALLED AND MAINTAINED WILL BE MR. DAN LARSON AT GOODWIN COLLEGE (TELEPHONE NO. (860) 528-4111). MR. DAN LARSON WILL ALSO BE RESPONSIBLE FOR MAINTAINING THE PERMANENT MEASURES WHEN THE PROJECT IS COMPLETED.

CONSTRUCTION NOTES: 10' BITUMINOUS TRAIL

1. CONTRACTOR TO STAKE OUT TRAIL BASED ON GEOMETRY SHOWN ON PLANS. ENGINEER TO ADJUST LOCATION IN FIELD AS REQUIRED TO AVOID REMOVAL OF ANY TREES OVER 6" IN DIAMETER, AND TO AVOID SENSITIVE AREAS (FEDERAL WETLANDS AREAS AND SEDGE STUDY AREA).
2. CONTRACTOR TO AVOID REMOVING ANY TREES OVER 6" IN DIAMETER.
3. TRIM BRANCHES AS DIRECTED BY THE ENGINEER TO PROVIDE ACCESS FOR CONSTRUCTION AND TO MAINTAIN AN OPEN TRAIL NETWORK. TRIMMING SHALL BE DONE UNDER THE SUPERVISION OF AN ARBORIST OR OTHER QUALIFIED PROFESSIONAL.
4. CONTRACTOR SHALL ONLY REMOVE STUMPS WITHIN THE LIMITS OF THE BITUMINOUS TRAIL. NO STUMPS SHALL BE REMOVED OUTSIDE OF THE LIMITS OF THE BITUMINOUS TRAIL.
5. THE MAXIMUM TRAIL GRADE SHALL BE 5%.
6. THE TRAIL SHALL HAVE A CROSS SLOPE OF BETWEEN 1% AND 2%.
7. IN LOCATIONS WHERE GRADING TO MATCH EXISTING GRADE IS REQUIRED, THE MAXIMUM SIDE SLOPE SHALL BE 3:1.
8. THE TRAIL SHALL MATCH THE EXISTING GRADES AND LAND CONTOURS TO THE GREATEST EXTENT PRACTICAL.
9. CONTRACTOR SHALL MINIMIZE DISTURBANCE DURING CONSTRUCTION, AND AVOID ANY INTRUSION OR DISTURBANCE TO THE FEDERALLY DEFINED WETLANDS AREAS.
10. TRAIL TO FOLLOW NATURAL TOPOGRAPHY. MINOR GRADING TO PROVIDE THE REQUIRED GRADE AND CROSS SLOPE.
11. TREES AND BRUSH TO BE CHIPPED ON SITE. WOOD CHIPS TO BE USED TO STABILIZE DISTURBED AREAS WHERE REQUIRED.
12. DISTURBED AREAS ADJACENT TO THE WALKWAY SHALL BE STABILIZED WITH LOAM AND SEED.
13. NO CONSTRUCTION SHALL TAKE PLACE DURING FROZEN CONDITIONS OR DURING FLOODING CONDITIONS.
14. ALL WORK SHALL BE DONE IN ACCORDANCE WITH CT DOT FORM 817 AND THE TOWN OF EAST HARTFORD PUBLIC WORKS STANDARDS.

CONSTRUCTION SEQUENCE: 10' BITUMINOUS TRAIL

1. TRAIL TO BE MARKED OUT IN FIELD BY CONTRACTOR PRIOR TO CONSTRUCTION.
2. EROSION CONTROL TO BE INSTALLED WHERE REQUIRED BY ENGINEER (SILT FENCE DOWN-SLOPE).
3. CLEAR GROUND VEGETATION, CUT TREES (LESS THAN 6" DIAMETER) WHERE MARKED BY ENGINEER. TREES TO BE CUT SHALL BE CUT FLUSH AT GROUND LEVEL. STUMPS AND ROOTS OUTSIDE TRAIL EXTENTS SHALL BE LEFT IN PLACE.
4. STRIP TOPSOIL AND SUBSOIL TO A WIDTH OF 11' AND A DEPTH OF 11".
5. CONSTRUCT 10' WIDE BITUMINOUS TRAIL (SEE DETAIL).
6. LOAM AND SEED ALL DISTURBED AREAS.
7. WOOD CHIPS TO BE UTILIZED TO STABILIZE ANY LOCALIZED AREAS AS REQUIRED BY ENGINEER.
8. INSTALL SIGNAGE AND OTHER AMENITIES.
9. REMOVE ALL EROSION CONTROL MEASURES ONCE DISTURBED AREAS ARE STABILIZED..

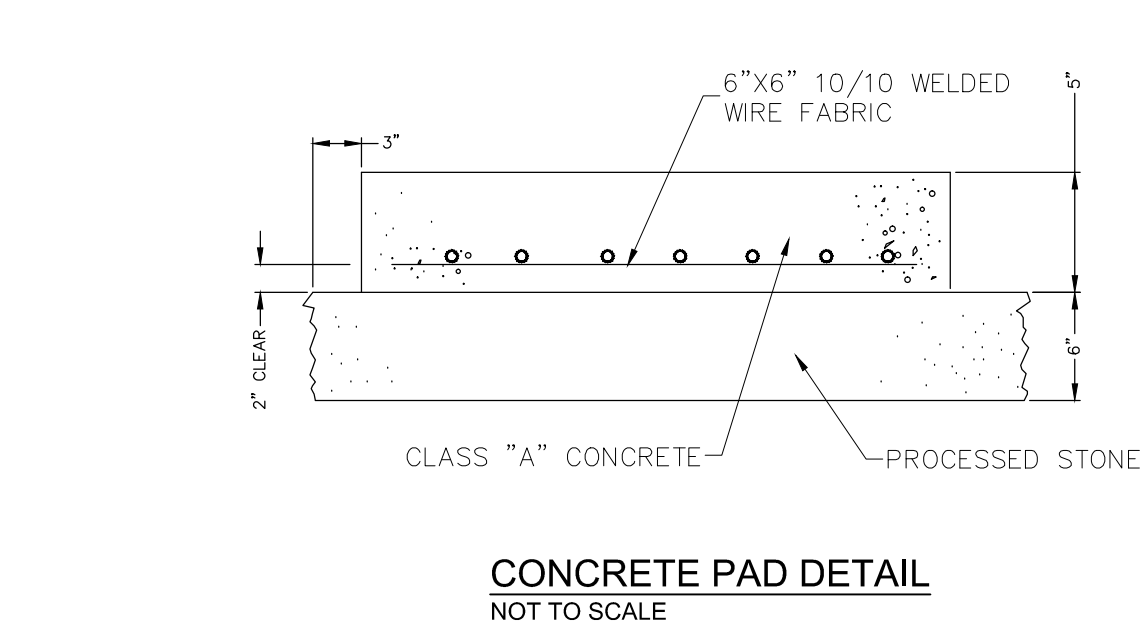
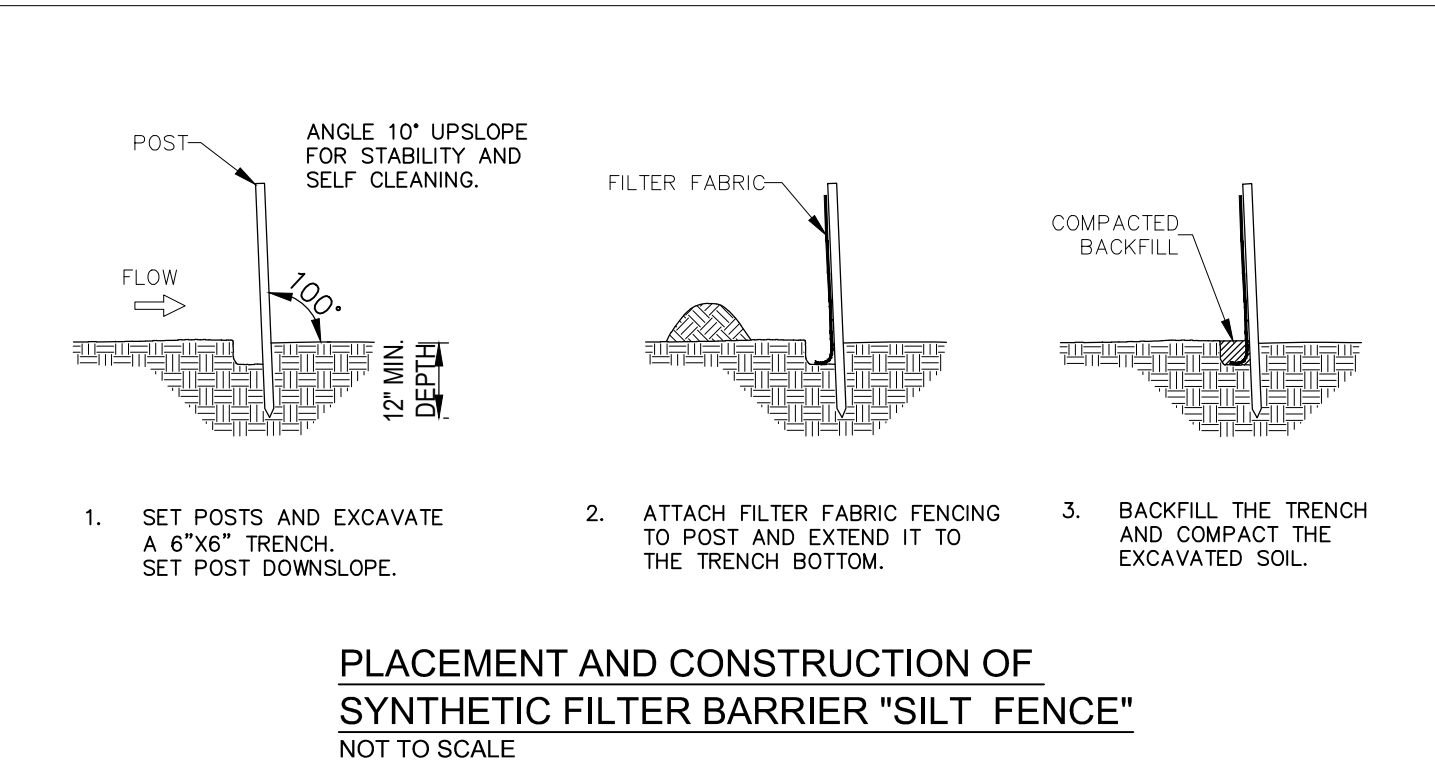
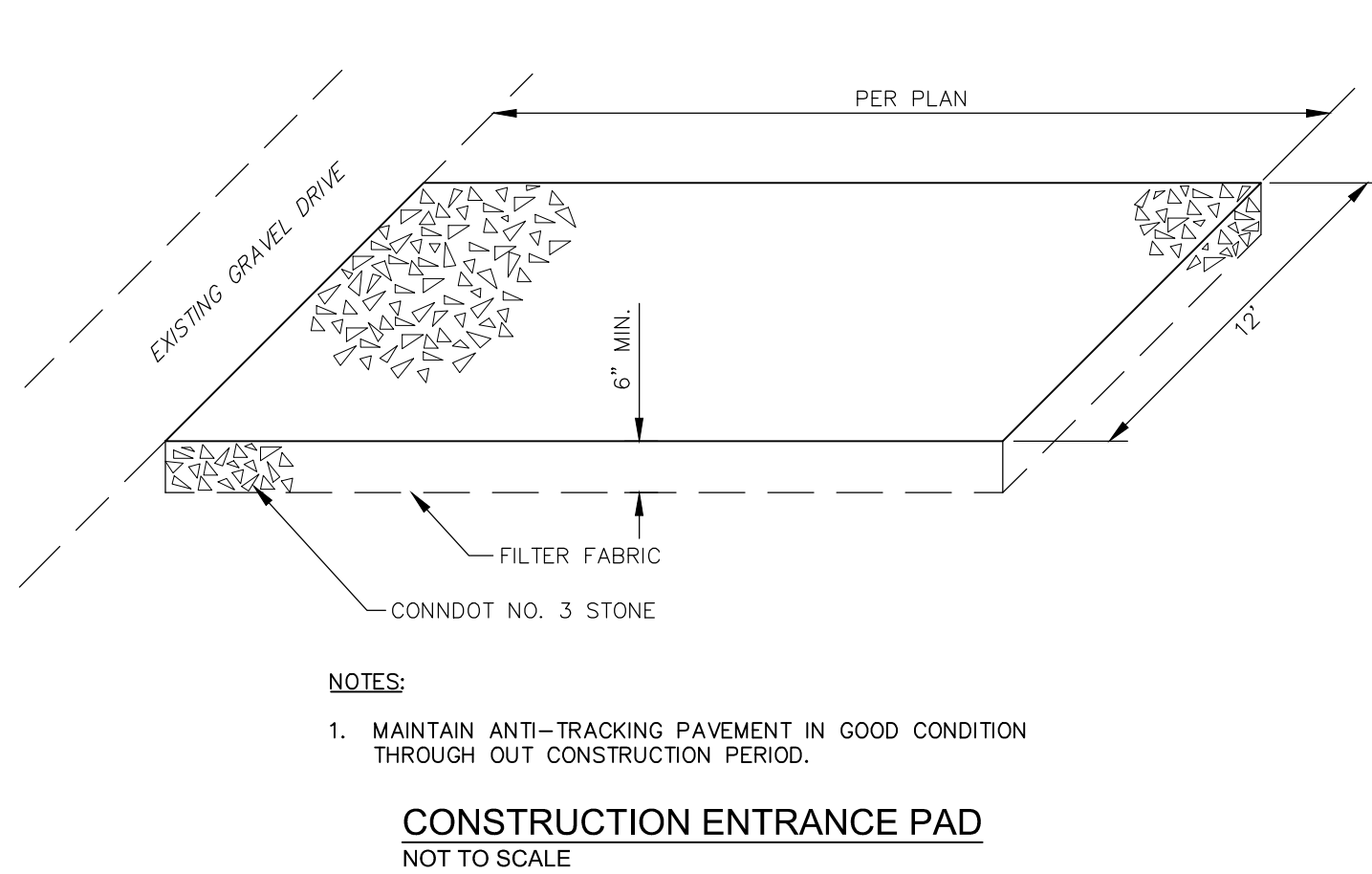


CONSTRUCTION FLOOD CONTINGENCY PLAN:

THIS SITE IS CLOSE TO THE CONNECTICUT RIVER. ACCORDING TO THE FEDERAL EMERGENCY PROTECTION AGENCY (FEMA) FLOOD INSURANCE RATE MAPS (FIRM) EFFECTIVE DATE SEPTEMBER 26, 2008, SOME WORK AREAS ARE WITHIN THE 100-YR FLOOD BOUNDARY.

THE FLOOD CONTINGENCY PLAN ACTIONS OUTLINED BELOW SHALL BE IMPLEMENTED DURING CONSTRUCTION IN THE EVENT OF A "SIGNIFICANT RAINFALL EVENT," DEFINED HEREIN AS A STORM DURING WHICH MORE THAN 2.5-INCHES OF RAINFALL OCCURS IN A ONE-HOUR PERIOD OR MORE THAN 6.5-INCHES OCCURS IN A 24-HOUR PERIOD (STORM WITH A POTENTIAL RETURN PERIOD OF 50-YEARS) OR IF THE CONNECTICUT RIVER RISES ABOVE ELEVATION 9.0 (NGVD 1929) AS A RESULT OF LESSER STORMS. CONTRACTOR SHALL:

1. ADMINISTER ALL FLOOD CONTINGENCY ACTIONS AT THE SITE AND ABIDE BY THIS FLOOD CONTINGENCY PLAN.
2. EXCHANGE EMERGENCY CONTACT TELEPHONE NUMBERS WITH OWNER AT THE BEGINNING OF THE WORK, IN CASE CONTACT IS NEEDED AFTER NORMAL BUSINESS HOURS.
3. MONITOR WEATHER CONDITIONS FROM START TO COMPLETION OF WORK INCLUDING FORECASTS FOR A "SIGNIFICANT RAINFALL EVENT" AND RISING RIVER LEVELS.
4. NOTIFY OWNER OF ANY ADVANCE FORECAST FOR A "SIGNIFICANT RAINFALL EVENT" OR FLOODING.
5. HALT ALL CONSTRUCTION ACTIVITIES WITHIN THE 100 YEAR FLOOD BOUNDARY AT ONSET OF A "SIGNIFICANT STORM EVENT" AND DURING ANY SUBSEQUENT PERIODS OF RISING RIVER LEVELS THAT FLOOD THE SITE.
6. STAGE ALL CONSTRUCTION MATERIALS AND EQUIPMENT FOR LONG TERM STORAGE (LONGER THAN 1 WEEK) OUT OF THE FLOODPLAIN. ANY FUEL OR MAINTENANCE FLUID CONTAINERS SHALL BE STORED OFF-SITE. SHORT TERM STORAGE OF MATERIALS (LESS THAN 1 WEEK) MAY OCCUR WITHIN FLOODPLAIN, BUT MUST BE REMOVED PRIOR TO ANY FLOODING EVENT.
7. INSPECT ALL WORK AREAS TO ENSURE CONSTRUCTION AREAS ARE STABILIZED AND PROTECTED FROM RISING WATER LEVELS TO THE GREATEST EXTENT POSSIBLE.
8. NOTIFY OWNER OF ANY FLOODING PROBLEMS AND INSPECT THE WORK AREA FOR DAMAGE WITH OWNER AS SOON AS PRACTICABLE AFTER ANY "SIGNIFICANT RAINFALL EVENT."



EROSION AND SEDIMENT CONTROL:

1. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS REQUIRED TO CONTROL EROSION FROM THE CONSTRUCTION ACTIVITIES. SILT FENCE SHALL BE INSTALLED DOWN-SLOPE OF ALL AREAS TO BE DISTURBED BY CONSTRUCTION ACTIVITIES. ADDITIONAL MEASURES SHALL BE INSTALLED AS REQUIRED BY THE ENGINEER, OWNER, OR THE TOWN.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS OF THE "2002 GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" DATED MAY, 2002 BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION. ALL EROSION CONTROL MEASURES ARE TO BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL DURING CONSTRUCTION.
3. SEDIMENT REMOVED FROM CONTROL STRUCTURES SHALL BE DISPOSED OF OFFSITE AND ABOVE THE FLOODPLAIN IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THIS PLAN. ALL HAYBALES OR SILT FENCE RETAINING SEDIMENT OVER 1/2 THEIR HEIGHT SHALL HAVE THE SEDIMENT REMOVED AND ALL DAMAGED EROSION CONTROLS REMOVED AND REPLACED.
4. CONTRACTOR SHALL BE ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, AND INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN.
5. ONLY THE SMALLEST PRACTICAL AREA OF DISTURBED LAND SHALL BE EXPOSED DURING CONSTRUCTION, AND SUCH EXPOSURE SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME.
6. WHENEVER AND WHEREVER PRACTICAL, NEW MATERIALS TO BE INSTALLED WITHIN THE FLOOD HAZARD AREA SHALL BE UNLOADED AND INSTALLED IMMEDIATELY UPON DELIVERY. UTILIZE EXISTING DRIVEWAYS AND ROADWAYS FOR VEHICLE TURNING AND STAGING.
7. SURROUND ANY TEMPORARY MATERIAL STOCKPILE AND STAGING AREA(S) WITH HAYBALES AND/OR SILT FENCE, AS REQUIRED.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING DUST AND WIND EROSION THROUGHOUT THE LIFE OF THE CONTRACT. DUST CONTROL SHALL INCLUDE APPLICATION OF WATER ON EXPOSED SOILS.
9. HAYBALES SHALL BE USED ONLY AS A TEMPORARY MEASURE. WHERE CONTROL MEASURES WILL BE REQUIRED FOR LONGER THAN SIXTY (60) DAYS, SILT FENCE SHALL BE USED.
10. NO WORK SHALL OCCUR DURING PERIODS OF LOCALIZED FLOODING OR HEAVY RAINFALL.
11. ESTABLISH TURF ON DISTURBED AREAS OUTSIDE THE TRAIL LIMITS. APPLY SEED AS FOLLOWS:

CREeping RED FESCUE	35%
RED TOP (STRECKER, COMMON)	5%
PERENNIAL RYE GRASS	35%
CREeping BENTGRASS	25%
100% BY WEIGHT	

APPLY SEED AT A RATE OF 2 LBS./1,000 S.F. PLANTING SEASONS SHALL BE APRIL 1 TO JUNE 1 AND AUGUST 15 TO OCTOBER 1. AFTER OCTOBER 1 SUCH DISTURBED AREAS SHALL BE STABILIZED WITH MULCH UNTIL THE NEXT PLANTING SEASON.

INSTALLATION OF SEDIMENTATION AND EROSION CONTROL MEASURES

SILT FENCE

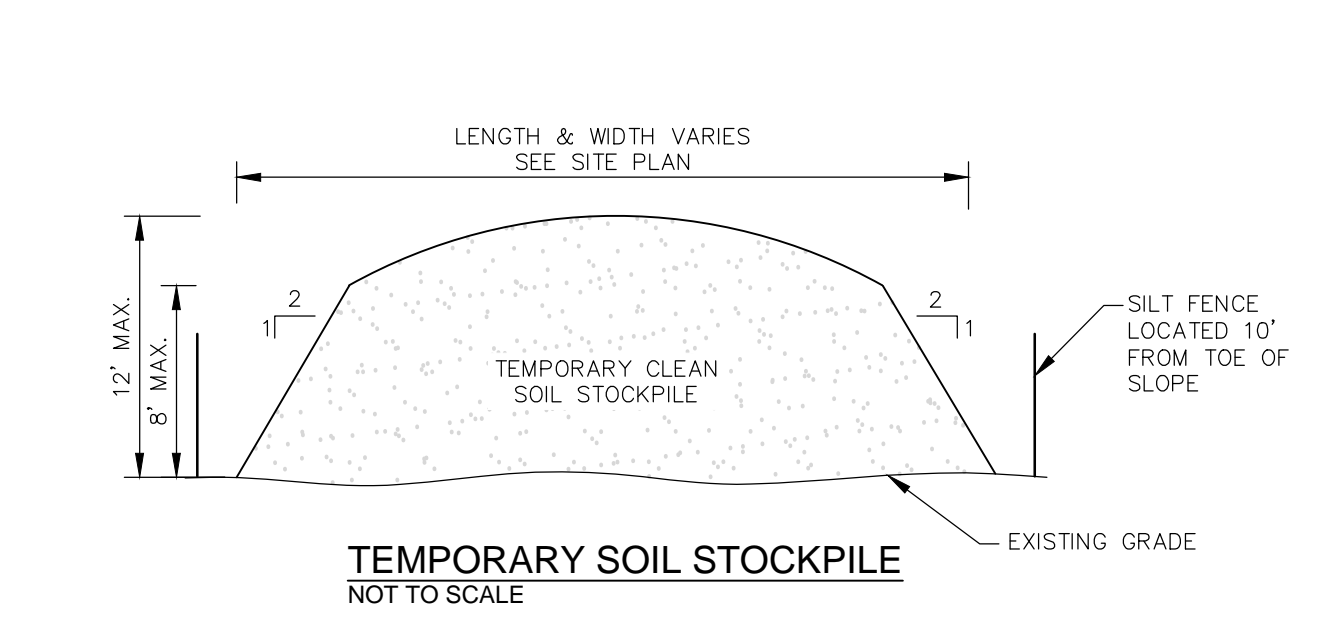
- A. DIG A SIX INCH TRENCH ON THE UPHILL SIDE OF THE DESIGNATED FENCELINE LOCATION.
- B. POSITION THE POST AT THE BACK OF THE TRENCH (DOWNHILL SIDE), AND HAMMER THE POST AT LEAST 1.5 FEET INTO THE GROUND.
- C. LAY THE BOTTOM SIX INCHES OF THE FABRIC INTO THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUN-OFF.
- D. BACKFILL THE TRENCH AND COMPACT.

HAYBALES

- A. BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE, ORIENTED PARALLEL TO THE CONTOUR, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER.
- B. BALES SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED THE WIDTH OF A BALE AND THE LENGTH OF THE PROPOSED BARRIER TO A MINIMUM DEPTH OF FOUR INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AGAINST THE BARRIER.
- C. EACH BALE SHALL BE SECURELY ANCHORED BY AT LEAST TWO (2) STAKES.
- D. THE GAPS BETWEEN BALES SHALL BE WEDGED WITH STRAW TO PREVENT WATER LEAKAGE.
- E. THE BARRIER SHALL BE EXTENDED TO SUCH A LENGTH THAT THE BOTTOMS OF THE END BALES ARE HIGHER IN ELEVATION THAN THE TOP OF THE LOWEST MIDDLE BALE, TO ENSURE THAT RUN-OFF WILL FLOW EITHER THROUGH OR OVER THE BARRIER, BUT NOT AROUND IT.

CONSTRUCTION ENTRANCE PAD

- A. CONSTRUCTION ENTRANCE PAD SHALL BE INSTALLED PRIOR TO CONSTRUCTION START AS SHOWN ON THE PLANS AND PER THE CONSTRUCTION ENTRANCE PAD DETAIL.



OPERATION AND MAINTENANCE OF TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES

SILT FENCE

- A. ALL SILT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL. ALL DETERIORATED FABRIC AND DAMAGED POSTS SHALL BE REPLACED AND PROPERLY REPOSITIONED IN ACCORDANCE WITH THIS PLAN.
- B. SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND THE FENCE WHEN THEY EXCEED A HEIGHT OF ONE FOOT.

HAYBALES

- A. ALL HAYBALES SHALL BE INSPECTED FOLLOWING EACH RAINFALL. REPAIR OR REPLACEMENT SHALL BE PROMPTLY MADE AS NEEDED.
- B. DEPOSITS SHALL BE REMOVED AND CLEANED-OUT WHEN ONE HALF OF THE ORIGINAL HEIGHT OF THE BALES BECOMES FILLED WITH SEDIMENT.

CONSTRUCTION ENTRANCE PAD

- A. PROVIDE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND. REPAIR ANY MEASURES USED TO TRAP SEDIMENT AS NEEDED. IMMEDIATELY REMOVE ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PAVED SURFACES. ROADS ADJACENT TO CONSTRUCTION SITE SHALL BE LEFT CLEAN AT THE END OF THE DAY.

GENERAL

- A. CONTRACTOR TO KEEP WEEKLY CHECKLIST LOGS FOR INSPECTIONS OF ALL SEDIMENT AND EROSION CONTROL DEVICES AND HAVE THEM READILY AVAILABLE ON-SITE AT ALL TIMES FOR INSPECTION BY DEEP, LOCAL AUTHORITIES OR ENGINEER.

CONTINGENCY EROSION PLAN

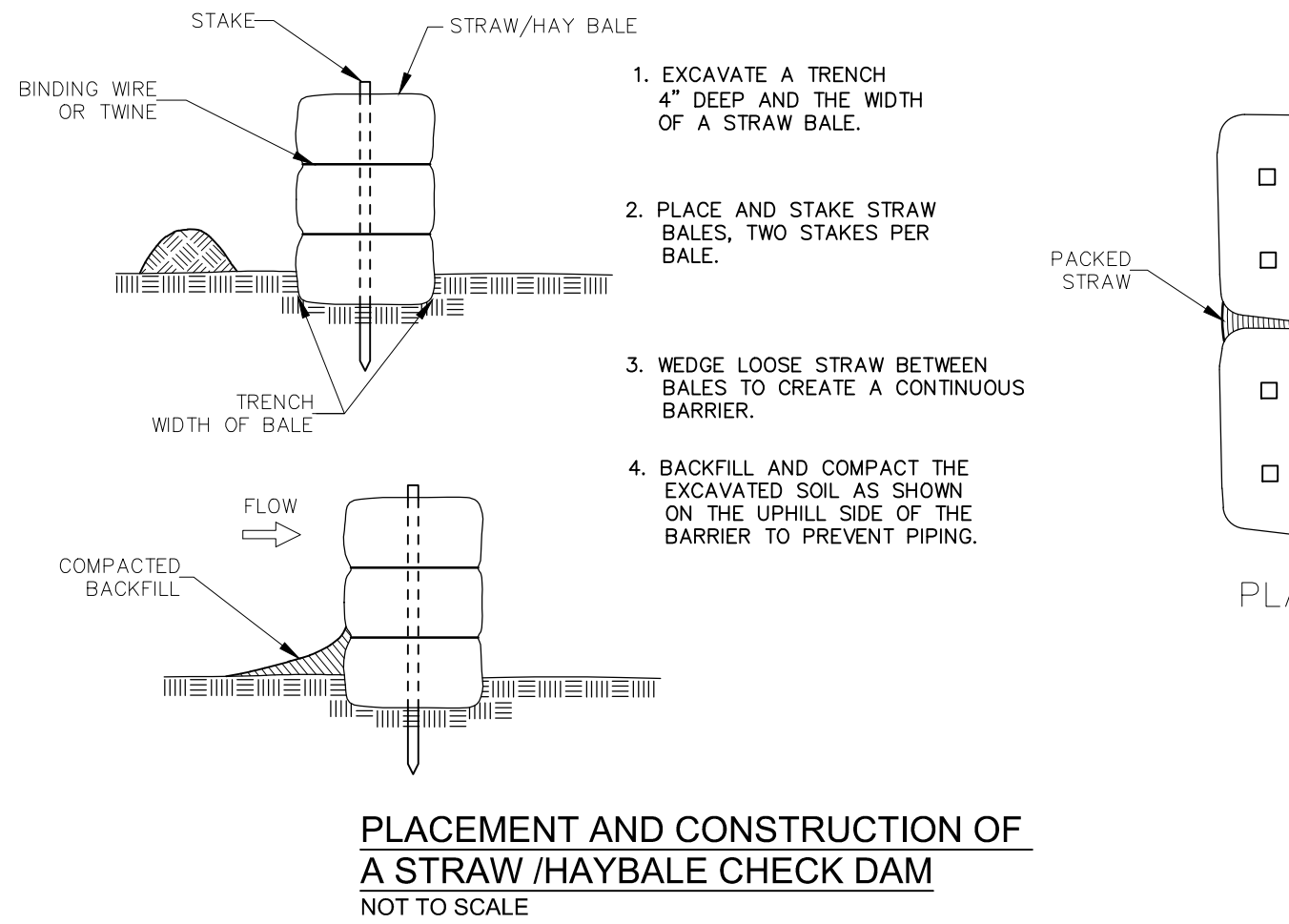
SHOULD UNFORESEEN EROSION OR SEDIMENTATION PROBLEMS ARISE, THE DESIGN ENGINEER OF RECORD (ZUVIC, CARR AND ASSOCIATES) AND LOCAL ENFORCEMENT AGENT SHALL BE NOTIFIED IMMEDIATELY. AN INSPECTION OF THE AFFECTED AREA(S) SHALL BE PROMPTLY PERFORMED. A REMEDIAL ACTION PLAN SHALL BE FORMULATED WITH THE LOCAL ENFORCEMENT AGENT'S APPROVAL. THE SITE CONTRACTOR SHALL THEN IMPLEMENT THE RECOMMENDED COURSE OF ACTION WHICH HAS BEEN DETERMINED BY BOTH THE ENGINEER AND LOCAL ENFORCEMENT AGENT.

TO AVOID ANY BUT THE UNFORESEEN PROBLEMS, A WEEKLY JOB MEETING SHALL BE CONDUCTED WITH THE ENGINEER AND CONTRACTOR. AT THIS MEETING, SEDIMENTATION AND EROSION CONTROL SHALL BE ON THE AGENDA. ISSUES WHICH MAY ARISE SHALL BE ADDRESSED BY THE SITE CONTRACTOR IN A TIMELY MANNER.

CONTRACTOR SHALL MAINTAIN ON SITE EXTRA SILT FENCE (200') AND EXTRA HAYBALES (40) TO ADDRESS UNFORSEEN EROSION AND SEDIMENT CONTROL NEEDS.

PERMANENT MAINTENANCE NOTES

1. 10' BITUMINOUS TRAIL SHALL BE SWEEP ANNUALLY AFTER SPRING FLOODING TO REMOVE ANY ACCUMULATED SILT AND OTHER DEPOSITS.
2. TREES AND UNDERGROWTH SHALL BE TRIMMED AS NEEDED TO MAINTAIN CLEAR WALKING PATHS.
3. 6' NATURAL TRAIL SHALL BE INSPECTED AFTER SPRING FLOODING EVENT AND ANY DEPRESSIONS OR OTHER POTENTIAL TRIPPING HAZARDS SHALL BE ADDRESSED.
4. PERIODICALLY THROUGHOUT THE YEAR, TRASH AND OTHER MAN MADE DEBRIS SHALL BE REMOVED AND DISPOSED OF.
5. AN INVASIVE CONTROL PLAN SHALL BE PURSUED BY GOODWIN COLLEGE TO HELP CONTROL THE INVASIVE PLANTS WITHIN THE TRAIL CORRIDOR.



NOT FOR CONSTRUCTION

1	4-23-18	SIJ	GBS	REVISED PER TOWN COMMENTS	
REV. NO.	DATE	DRWN	CHKD	REMARKS	

PROJECT NO.:	1570-35
DESIGNED BY:	JAS
DRAWN BY:	JAS
SHEET CHK'D BY:	GBS
CROSS CHK'D BY:	
APPROVED BY:	GBS
DATE:	12-21-17

PREPARED FOR:

GOODWIN COLLEGE
ONE RIVERSIDE DRIVE
EAST HARTFORD, CT

PREPARED BY:

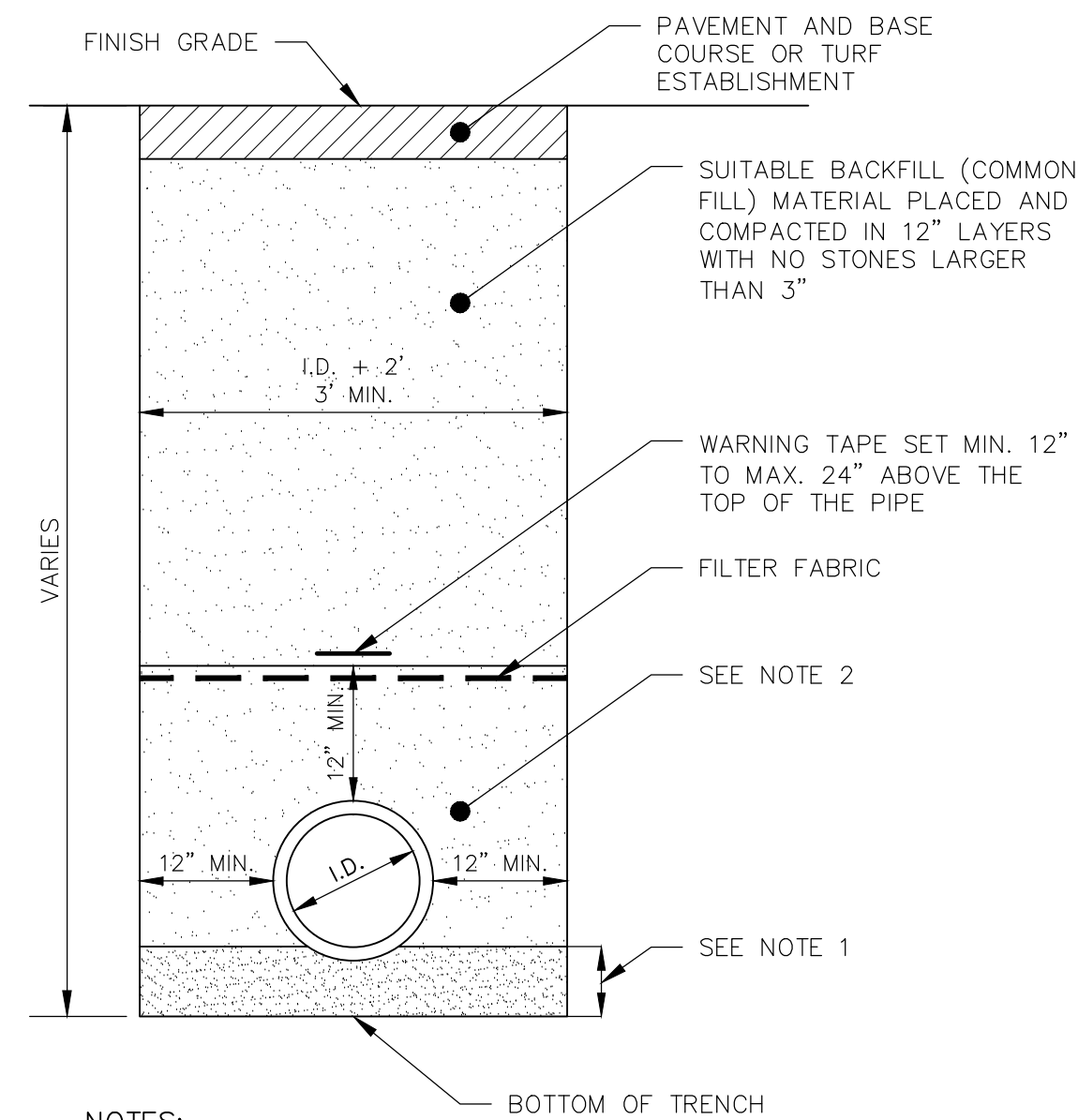
ZUVIC • CARR
AND ASSOCIATES
CONSULTING ENGINEERS
40 Cold Spring Road • Rocky Hill, CT 06067
Phone 860.436.4901 • Fax 860.436.4953

SOUTH MEADOWS MULTI-USE
RECREATIONAL TRAIL
EAST HARTFORD, CT

SITE DETAILS

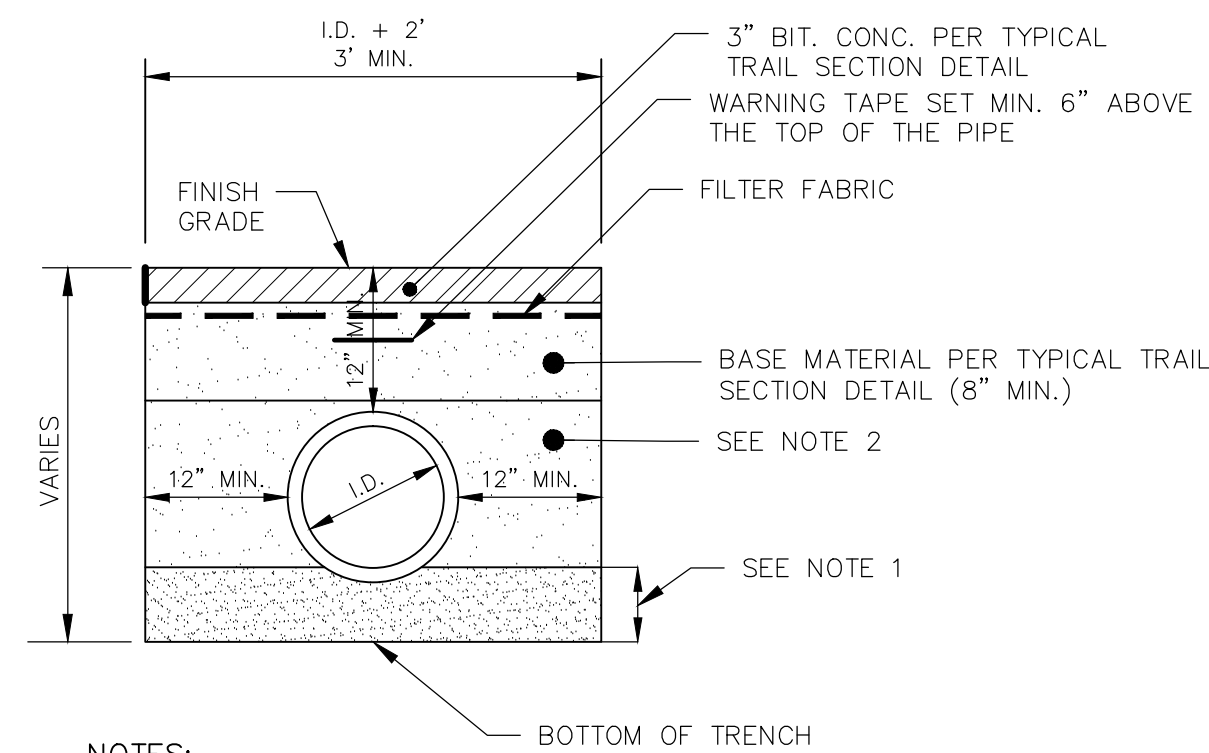
SHEET NO.

CE-3



- NOTES:

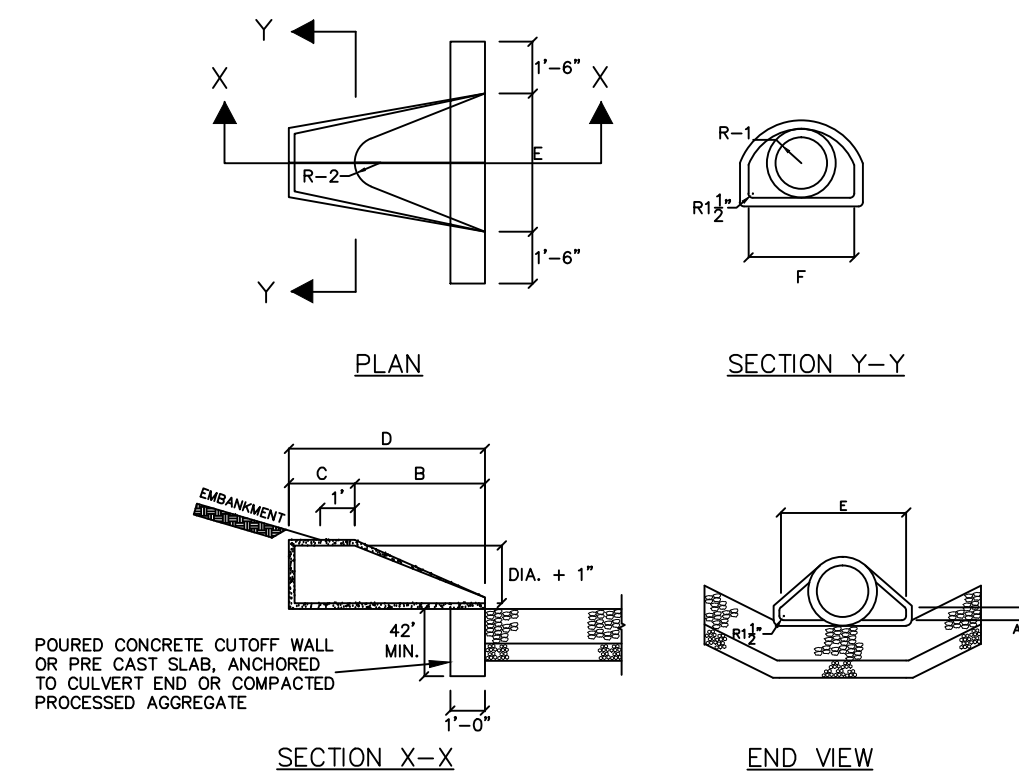
TYPICAL STORM TRENCH
NOT TO SCALE



- NOTES:

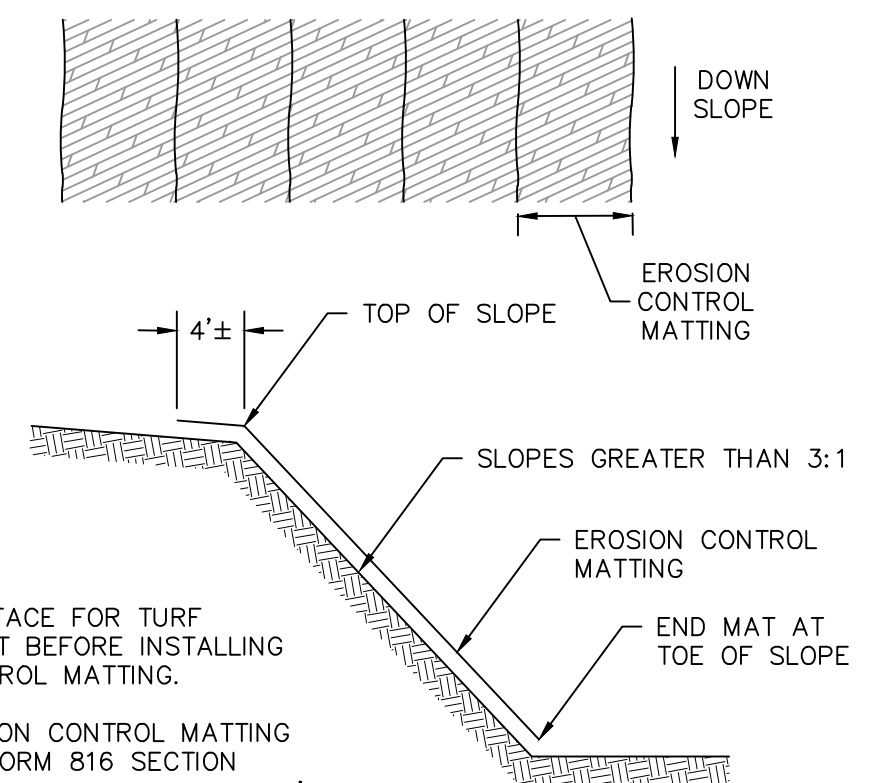
TYPICAL STORM TRENCH UNDER BITUMINOUS CONCRETE TRAIL
NOT TO SCALE

DIMENSIONS								
DIA.	A	B	C	D	E	F	R-1	R-2
12"	4"	2'-0"	4'-0 $\frac{3}{8}$ "	6'-0 $\frac{3}{8}$ "	2'-0"	1'-7 $\frac{1}{2}$ $\frac{5}{16}$ "	1'-0 $\frac{1}{4}$ "	9"



- NOTES:

CONCRETE FLARED END (FE) SECTION
NOT TO SCALE



- NOTES:

EROSION CONTROL MATTING
NOT TO SCALE

NOT FOR CONSTRUCTION

	4-23-18	SJH	GBS	REVISED PER TOWN COMMENTS
REV. NO.	DATE	DRWN	CHKD	REMARKS

PROJECT NO.: 1570-35
DESIGNED BY: JAS
DRAWN BY: JAS
SHEET CHK'D BY: GBS
CROSS CHK'D BY:
APPROVED BY: GBS
DATE: 12-21-17

PREPARED FOR:



PREPARED BY:



40 Cold Spring Road • Rocky Hill, CT 06067
Phone 860.436.4901 • Fax 860.436.4953

SOUTH MEADOWS MULTI-USE RECREATIONAL TRAIL

EAST HARTFORD, CT

SITE DETAILS

SHEET NO.

CE-4