



November 21, 2022

Ms. Lori Capone
Conservation Coordinator
275 Old Lancaster Road
Sudbury, Massachusetts 01776

**Re: Response to Second Review of Nobscot Scout Reservation Trail Project
1 Nobscot Road, Sudbury, MA**

Dear Ms. Capone:

Howard Stein Hudson (HSH) has prepared a response to the Sudbury Conservation Commission comments dated November 2, 2022 and offers the following responses including submitting supplemental information:

Comment 1: *Invasive Species Management Plan, for areas disturbed by this violation until reestablished, and additional invasive species management to mitigate for this violation, should be included in this application. The recent submittal states that the applicant will manage invasive species within 5 feet of the limit of disturbance. They are also willing to attend SVT's Weed Warrior program to learn about invasive species so that scout volunteers can identify and remove invasives throughout the trail system. At a minimum, the project should be conditioned that the applicant develop a management plan to manage invasives in a similar square footage to the area of unpermitted disturbance, along the trail system and/or around the cabins. It was identified at the site walk that porcelain berry is present around at least one of the cabins which is a newer invasive species. This species should be a main target, as should bittersweet as these species can greatly impact the forest habitat.*

Response: **The applicant is committed to having two invasive mitigation plans. The first plan is to have Lucas Environmental perform invasive monitoring and removal within the work zones and up to 15ft outside these zones. If there is a particular bad area of invasives adjacent to a work zone that extends past 15ft Lucas will monitor it and remove it.**

The second plan the applicant has committed to is to have the volunteers complete a Weed Warrior program, and in coordination with Lucas Environmental, HSH, and the Sudbury Conservation Commission Agent



prepare an invasive management plan for the Reservation, which would identify larger areas with invasives within the Trail system, to be monitored and removed by the volunteer group.

Comment 2: *It is unclear how the volunteers will know how to grade the trail. This is concerning as the work that was conducted was directing runoff directly to the wetlands. I recommend work within jurisdictional areas, and areas that discharge towards jurisdictional areas, be overseen by a professional engineer and wetland scientist to direct this activity. I feel this is particularly critical for the work to restore the steep section of the Monson Trail.*

Response: **All of the restoration work, trail improvements, swale construction, wall installation and grading will be overseen by the Project Engineer. The work can be staked out in the field by a professional surveyor if needed.**

Comment 3: *Three trees are noted to be removed along this steep section. Information should be provided as to why they are proposed to be removed. Six trees are shown on the plan to be removed on Sheet 9 but not noted in the trail improvements table. Two additional trees are noted in the table on the Legion Trail but I do not see where they are on the plan or why they are proposed to be removed. The applicant should provide clarification.*

Response: **The plans have been revised to note two trees along this steep section of trail to be removed due to their poor condition and exposed roots. The third tree will remain.**

The location of the six trees to be removed on Sheet 9 have been revised to reflect their location more accurately. Table 4-1 of the NOI has been revised to include these trees in the Segment 4 Trail Improvements and added to the total number of trees to be removed, which is now 8.

The two additional trees to be removed on the Legion Trail was an error and have been eliminated from the trail improvements table.

Comment 4: *The wetland impacted by silt is noted to be removed by hand following erosion control installation however no information is provided as to how this will be accomplished and no erosion controls are shown around this work area. Additionally, no wetland impacts, temporary or permanent, are noted in the chart on this plan sheet (Sheet 5). The applicant should clarify.*



Response: The plans have been revised to include this area in the temporary wetland impacts noted in the plan table on Sheet 5 and in the calculated totals of the NOI. Erosion control barriers are shown up-hill of the affected wetland.

Comment 5: *A large section of boulders that were stabilizing the hillside were removed. The plan has been revised to use some of these rocks to build a 45-foot section of wall. The rest of the disturbed embankment is proposed to be regraded and hydroseeded. If the boulders are not being replaced, then the areas that are being regraded should be planted with shrubs, in addition to hydroseeding, to stabilize this slope. Blueberry sod could also be looked at as a means to stabilize this area.*

Response: The intent is to restore the disturbed areas with a Forestry seed mix. This mix shall be submitted to the Commission Agent for review.

Comment 6: *Stumps that were proposed to be removed in front of the Legion Cabin were viewed in the field and found not to be necessary and could lead to additional erosion and invasive species introduction. The plan has been revised to no longer show these stumps being removed but the narrative states that stumps will be cut as close to the ground and ground in place and wood chips used to stabilize the ground around this cabin. The applicant should clarify which stumps they are referring to. These stumps are outside wetlands jurisdiction but within the Conservation Restriction held by the Town and SVT.*

Response: The stumps are to be cut close to the ground and stumped in place refer to areas shown around cabin 14 on sheet 16 of the NOI Plans.

Comment 7: *Less intrusive footings for the boardwalks were discussed at the site walk. For the replacement and new boardwalks, since the last time this was in front of the Commission, the scouts had asked to install cedar stringers for the two bog boardwalks with direct ground contact, no footings are necessary. The 6-inch buried concrete footings proposed on the other bridge were requested to be replaced with 12-inch concrete blocks that sit on the ground and do not require excavation. The revised plans do not indicate any change to the original footings. The applicant should clarify.*

Response: As discussed in the field the bridge footings to be installed as designed using precast concrete.

Comment 8: *At the new culvert that is proposed, a restoration detail and construction narrative should be provided to direct restoration efforts. The Order should be conditions to require wetland alteration and restoration work to be conducted under direct*



supervision of a wetland scientist. Invasive species management is needed in this area. Additional wetland replication is now shown in this area in two locations. The applicant should explain why two locations, versus one, is beneficial and why it is not advisable to combine this wetland replication with the original area of wetland replication. These replications areas result in additional alterations to upland areas and also move the wetlands closer to the adjacent latrine.

Response: **As discussed in the field, rather than replicate wetland in this area a more robust invasive removal program will be put in place.**

Comment 9: *The latrine in the area of this culvert is in failure. The scouts have implied that the wetland is clogged with trees and vegetation which is causing water to flow into the latrine. They also want to install a rubber membrane between the wetland and latrine to prevent water from entering. This was not evident upon inspection and given the drought conditions, it is unlikely that the wetland is impacting the functionality of this latrine, which is completely full. The Board of Health has directed the applicant to have this latrine pumped, which was a requirement when it was installed. The applicant should provide an update on this element.*

Response: **There is no clear evidence of a leak in the latrine holding tank. The applicant is coordinating having the tank pumped, after which an inspection of the tank will be completed with a certified Title V inspector. Any proposed improvement associated with the tank will be coordinated and submitted to the Conservation Commission for review and approval.**

Comment 10: *Areas of crushed stone within wetlands that were called out as temporary impacts should be considered permanent alterations and will need to be quantified and included in the proposed wetlands replication area. The applicant states that any fill being introduced less than 12 inches in depth is not being considered an impact to wetlands. The applicant should clarify.*

Based on Monday's discussion, I know the Commission did not give you direction on this, but I think it is reasonable to count adding additional stone to areas that already have stone as a temporary impact and new areas of stone and/or fill as a permanent alteration.

Response: **Based on our site walk it was discussed that the stone being added to the nature trail was a temporary alteration.**



Comment 11: *The applicant is looking to now loam and seed the area adjacent to the new bog bridges, further altering wetlands. If this work is done by hand, there should not be any need to loam and seed and should not be permitted.*

Response: **The plans have been revised to show silt fencing staked in place at the trail's edge to eliminate the impact on adjacent wetlands and the need for any additional loam & seed in these areas.**

Comment 12: *The applicant should clarify silt fence installation around the cabins, such as shown on sheet18 for Cabin 8. This is located very close to wetlands and there is no way to access the excavation area whereas it is completely surrounded by silt fence. There is also no access shown to this cabin nor protection of the wetland located between the trail and the cabin.*

Response: **The enclosed silt fence around the cabin is to create a work zone to provide a continuous barrier to keep turtles from entering. A section of fence will be removed to allow access. An additional line of silt fence has been added between the wetland and the work zone. The access trail to the cabin 8 have also been added.**

Please contact me at (617) 348-3310 or jdowning@hshassoc.com if you have any additional questions or comments.

Sincerely,

James Downing
Project Manager

cc: MassDEP Division of Wetlands & Waterways, Northeast Regional Office
Massachusetts Natural Heritage & Endangered Species Program (electronic copy)
Lucas Environmental, LLC (electronic copy)
Property Owner & Applicant – Mayflower Council, Boy Scouts of America (electronic copy)

Attachments; Updated NOI Plans, impact tables.

**TABLE 4-1
SUMMARY OF TRAIL IMPROVEMENTS**

Station Range	Trail Names	Length (feet)	Proposed Trail Base	# of Trees to be Removed
Segment 1 – Town of Sudbury				
98+20 - 103+20	Thirty Rod Road	500	6" gravel/crushed stone	0
108+70 - 110+20	Thirty Rod Road	150	6" gravel/crushed stone	0
110+90 - 111+40	Thirty Rod Road	50	6" gravel/crushed stone	0
112+00 - 112+20	Gen John Nixon Trail	20	6" gravel/crushed stone	0
113+10 - 113+50	Gen John Nixon Trail	40	6" gravel/crushed stone	0
114+05 - 114+70	Gen John Nixon Trail	65	6" gravel/crushed stone	0
0+85 - 2+35	Gen John Nixon Trail	150	6" gravel/crushed stone	0
120+60 - 124+20	White Ridge Trail	360	6" gravel/crushed stone	2
124+45 - 125+00	White Ridge Trail	55	6" gravel/crushed stone	0
126+00 - 126+50	White Ridge Trail	50	6" gravel/crushed stone	0
Subtotal Segment 1		1,440	---	2
Segment 2 – City of Framingham				
127+80 - 128+80	White Ridge Trail	100	6" gravel/crushed stone	0
131+20 - 131+60	Jethro Trail	40	6" gravel/crushed stone	0
133+55 - 133+70	Jethro Trail	15	6" gravel/crushed stone	0
135+50 - 135+90	Jethro Trail	40	6" gravel/crushed stone	0
140+90 - 141+30	Jethro Trail	40	6" gravel/crushed stone	0
142+90 - 145+50	Jethro Trail	260	6" gravel/crushed stone	0
147+60 - 147+90	Jethro Trail	30	6" gravel/crushed stone	0
148+40 - 149+00	Jethro Trail	60	6" gravel/crushed stone	0
153+20 - 155+30	Jethro Trail	210	6" gravel/crushed stone	0
162+20 - 163+00	Ellis Land Trail	80	6" gravel/crushed stone	0
164+00 - 166+50	Ellis Land Trail	250	6" gravel/crushed stone	0
169+00 - 171+90	Ellis Land Trail	290	6" gravel/crushed stone	0
Subtotal Segment 2		1,415	---	0
Segment 3 – Town of Sudbury & City of Framingham				
400+17 - 404+57	Monson Trail	460	6" gravel/crushed stone	0
405+60 - 406+25	Monson Trail	65	6" gravel/crushed stone	0
408+70 - 412+50	Monson Trail	380	6" gravel/crushed stone	0
414+65 - 414+00	Monson Trail	35	6" gravel/crushed stone	0
416+13 - 416+38	Monson Trail	25	6" gravel/crushed stone	0
417+40 - 419+05	Monson Trail	165	6" gravel/crushed stone	0
Subtotal Segment 3		1,130	---	0
Segment 4 – Town of Sudbury				
--	Main Gate Drive	--	N/A	6
1+38 - 1+46	Legion Trail	8	6" gravel/crushed stone w/ filter fabric base	0
4+86 - 4+98	Legion Trail	12	6" gravel/crushed stone w/ filter fabric base	0
7+53 - 7+78	Nipmuc Trail	25	6" gravel/crushed stone	0

**TABLE 4-1
SUMMARY OF TRAIL IMPROVEMENTS**

Station Range	Trail Names	Length (feet)	Proposed Trail Base	# of Trees to be Removed
8+68 - 9+33	Legion Trail	65	6" gravel/crushed stone	0
9+91 - 10+39	Legion Trail	48	6" gravel/crushed stone	0
Subtotal Segment 4		158	---	6
Segment 5 – Town of Sudbury				
200+50 - 201+00	Gen John Nixon Trail	50	6" gravel/crushed stone	0
202+40 - 203+60	Gen John Nixon Trail	120	6" gravel/crushed stone	0
204+50 - 205+40	Gen John Nixon Trail	90	6" gravel/crushed stone	0
207+00 - 207+40	Gen John Nixon Trail	40	6" gravel/crushed stone	0
207+90 - 208+20	Gen John Nixon Trail	30	6" gravel/crushed stone	0
210+50 - 211+50	Gen John Nixon Trail	100	6" gravel/crushed stone	0
214+00 - 217+70	Gen John Nixon Trail	370	6" gravel/crushed stone	0
220+30 - 223+80	Gen John Nixon Trail	350	6" gravel/crushed stone	0
226+50 - 227+70	Gen John Nixon Trail	120	6" gravel/crushed stone	0
300+00 - 310+10	Ghost Trail	110	6" gravel/crushed stone	0
301+60 - 304+00	Ghost Trail	240	6" gravel/crushed stone	0
310+10 - 311+50	Ghost Trail	140	6" gravel/crushed stone	0
315+25 - 315+75	Nipmuc Trail	50	6" gravel/crushed stone	0
318+25 - 319+65	Nipmuc Trail	140	6" gravel/crushed stone	0
Subtotal Segment 5		1,950	---	0
PROJECT TOTAL		6,093		8

TABLE 5-1 SUMMARY OF PROPOSED BANK IMPACTS*				
Resource Area	Temporary Impacts	Permanent Impacts	Total Impacts	Proposed Mitigation
Inland Bank				
Sudbury	28 LF	10 LF	38 LF	28± LF Restored in Place
Framingham	161 LF	0 LF	161 LF	161 LF Restored in Place
Total	189 LF	10 LF	199 LF	

*Impact calculations provided by Howard Stein Hudson.

TABLE 5-2 SUMMARY OF PROPOSED WETLAND IMPACTS*				
Resource Area	Temporary Impacts	Permanent Impacts	Total Impacts	Proposed Mitigation
Bordering Vegetated Wetland				
Sudbury	2,980 SF	253 SF	1,128 SF	150 SF Replication Area in Sudbury (2:1); Invasives Mitigation/Monitoring; 2,980 SF Restored In Place
Framingham	229 SF	0 SF	229 SF	229 SF Restored In Place
Total	3,209 SF	253 SF	1,357 SF	

*Impact calculations provided by Howard Stein Hudson.

**TABLE 5-3
IMPACT ANALYSIS**

Phase	Trail	Proposed Impact Area (SF)					
		Sudbury		Framingham		Total	
		Turtle Habitat	Non-Turtle Habitat	Turtle Habitat	Non-Turtle Habitat	Non-Turtle Habitat	Turtle Habitat
I	Monson	0	4,819	1,248	4,538	9,357	1248
	Gen John Nixon	11,051	13,088	0	0	13,088	11,051
	Ellis Land	0	0	1,418	5,813	5813	1418
	White Ridge	2,387	3,126	409	1,400	4,526	2,796
II	Sisson	2,373	1,850	0	0	1,850	2,673
	Thirty Rod Road	1,244	7,928	0	0	7,928	1,244
	Jethro	0	0	2,730	5,274	5,274	2,730
III	Ghost	0	2,604	0	0	2,604	0
	Nipmuc	316	2,341	0	0	2,341	316
	Big/Little Sachem Bridges	56	229	0	0	229	56
IV	Belden Bridge	36	125	0	0	125	36
Subtotal (SF)		17,463	36,110	5,805	17,025	53,135	23,568
Subtotal (Acres)		0.40	0.83	0.13	0.39	1.22	0.54
TOTAL		53,573 (1.23 Acres)		22,830 (0.52 Acres)		76,403 (1.75 Acres)	

SITE PLAN FOR NOBSCOT SCOUT RESERVATION TRAIL PROJECT SUDBURY AND FRAMINGHAM, MA.

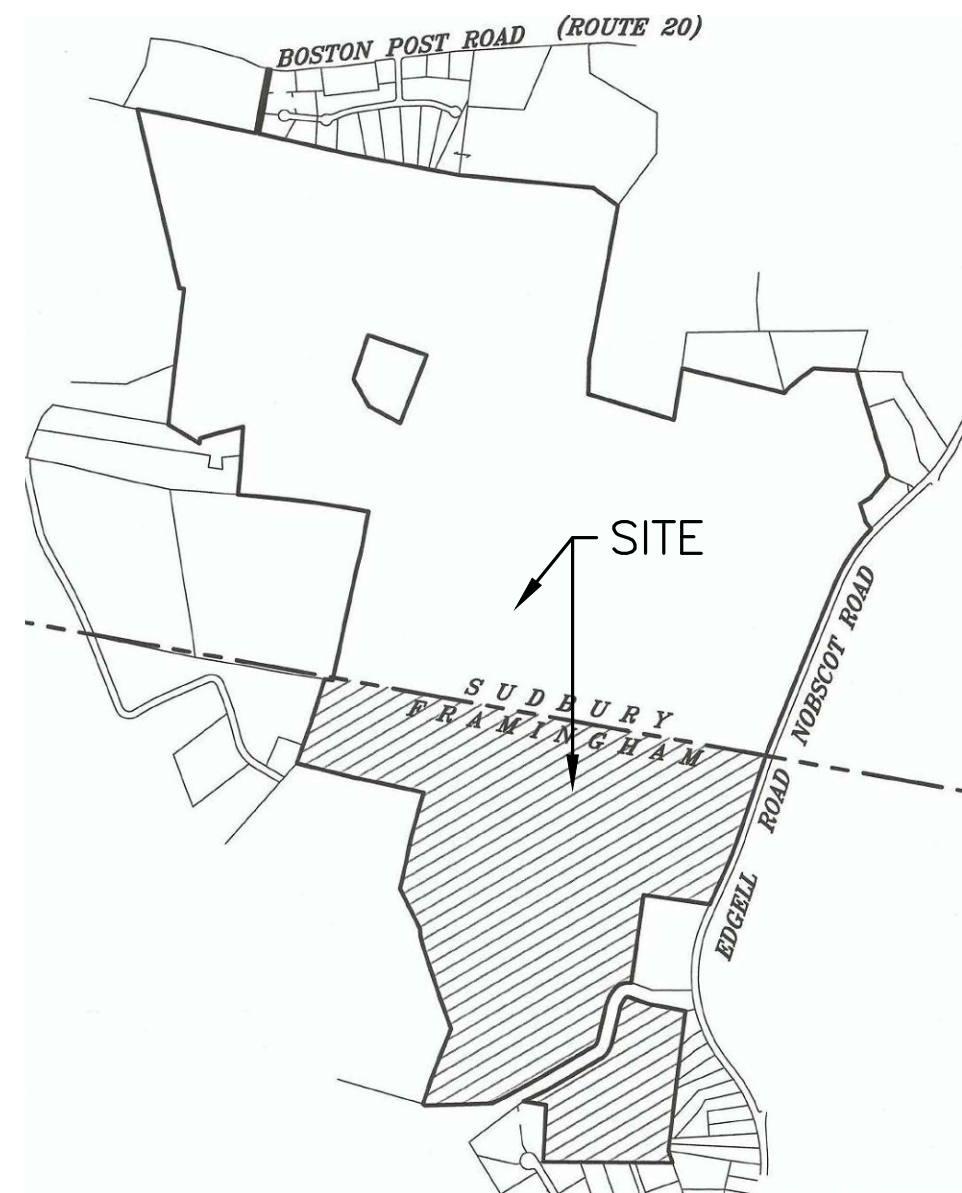
HOWARD STEIN HUDSON
11 Beacon Street, Suite 1010
Boston, MA 02108
www.hshassoc.com

PREPARED FOR:
BOY SCOUTS OF AMERICA
MAYFLOWER COUNCIL
83 CEDAR STREET
MILFORD, MA 01757

NOBSCOT SCOUT
RESERVATION TRAIL
PROJECT
FRAMINGHAM AND SUDBURY, MA
WORCESTER COUNTY

GENERAL NOTES:

1. EXISTING PROPERTY LINE AND UTILITY INFORMATION SHOWN IS BASED ON AN EXISTING SURVEY CONDUCTED BY FELDMAN LAND SURVEYORS REVISED THROUGH 04-13-2022.
2. WETLAND DELINEATION COMPLETED BY LUCAS ENVIRONMENTAL, LLC UPDATED THROUGH MARCH 17, 2022.
3. "WF" SERIES REFER TO BORDERING VEGETATED WETLANDS, UNLESS OTHERWISE NOTED OR LABELED.
4. "BF" SERIES REFER TO INLAND BANK, UNLESS OTHERWISE NOTED OR LABELED.
5. THE 100-FOOT BUFFER ZONE IN THE TOWN OF SUDBURY IS DESIGNATED AS THE ADJACENT UPLAND RESOURCE AREA.
6. WF-J CONTAINS A CERTIFIED VERNAL POOL.
7. THE LIMIT OF WORK AREA IS LOCATED WITHIN ESTIMATED HABITAT FOR RARE WILDLIFE (EH 622) AND PRIORITY HABITAT FOR RARE SPECIES (PH 669).
8. THE ACCURACY AND COMPLETENESS OF THE UNDERGROUND UTILITIES AS SHOWN ON THE PLANS ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION, SIZE, TYPE, ETC. OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY THE WORK. AT LEAST 72 HOURS BEFORE EXCAVATION, THE CONTRACTOR SHALL BE REQUIRED TO CONTACT DIGSAFE AT 1-888-344-7233.
9. THE CONTRACTOR SHALL FIELD VERIFY CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
10. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE APPROPRIATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION.
11. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE NOTIFIED, INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN, PRIOR TO EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAVING.
12. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES EXCEPT THOSE NOTED TO BE ABANDONED, REMOVED AND DISPOSED.
13. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE MATERIAL IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS AT HIS/HER OWN EXPENSE, OUTSIDE OF THE PROJECT LIMITS.
14. THE SILT FENCE WILL BE INSTALLED AS CONSTRUCTION PROGRESSES IN AREAS SHOWN ON THE PLANS. IT WILL NOT BE INSTALLED SIMULTANEOUSLY THROUGHOUT THE SITE.
15. THE SILT FENCE IS TO BE USED AS THE TURTLE PROTECTION BARRIER IN ADDITION TO USE AS AN EROSION CONTROL DEVICE.
16. CONTRACTOR SHALL INSTALL A PLYWOOD CONSTRUCTION ACCESS BARRIER FOR TURTLE PROTECTION. THE BARRIER SHALL BE REMOVED AND REPLACED DAILY OR WHEN ACCESS IS NECESSARY.
17. GIS TOPOGRAPHIC INFORMATION PROVIDED FOR WOODED AREAS TO SUPPLEMENT THE SURVEY PROVIDED BY FELDMAN LAND SURVEYORS.



**LOCUS MAP
NOT TO SCALE**

OWNER

BOY SCOUTS OF AMERICA
MAYFLOWER COUNCIL
83 CEDAR STREET
MILFORD, MA 01757

FRAMINGHAM ASSESSORS INFORMATION

ASSESSORS MAP 008 BLOCK 01 LOT 2517
ASSESSORS MAP 008 BLOCK 11 LOT 7059
ASSESSORS MAP 015 BLOCK 19 LOT 6802

SUDBURY ASSESSORS INFORMATION

ASSESSORS MAP L BLOCK 05 LOT 0001
ASSESSORS MAP L BLOCK 05 LOT 0003
ASSESSORS MAP L BLOCK 05 LOT 0004
ASSESSORS MAP L BLOCK 05 LOT 0005
ASSESSORS MAP L BLOCK 05 LOT 0007
ASSESSORS MAP L BLOCK 05 LOT 0200
ASSESSORS MAP L BLOCK 06 LOT 0009

REFERENCES

1. EXISTING CONDITIONS SURVEY BY FELDMAN LAND SURVEYORS.

REVISIONS:

NO	BY	DATE	DESCRIPTION
1	JC	10/24/22	REVIEW REVISIONS
2	JC	11/21/22	REVIEW REVISIONS #2

SHEET INDEX

- | | |
|------------|----------------------------------|
| SHEET 1 | COVER SHEET |
| SHEET 2 | PARTIAL EXISTING CONDITIONS PLAN |
| SHEET 3 | KEY PLAN |
| SHEET 4-21 | CONSTRUCTION PLANS |
| SHEET 22 | DETAIL SHEET |

NOBSCOT SCOUT
RESERVATION TRAIL
PROJECT
1 NOBSCOT ROAD
SUDBURY MA 01776

NOTICE OF INTENT
PERMIT SET

COVER
SHEET

DATE: 11/21/2022
PROJECT NUMBER: 16033.02
DESIGNED BY: JBC
DRAWN BY: JBC
CHECKED BY: REL



Mihov

11/21/2022...16033\CURRENT\CUTS\SHEETS\16033 NOI Cover Sheet.dwg
Joseph Connolly



I CERTIFY THAT THIS PLAN IS BASED ON AN ACTUAL FIELD SURVEY.

10/21/22

TIMOTHY R. AGURKIS, PLS (MA# 52782)
TR@FELDMANGEO.COM

DATE



PARTIAL EXISTING CONDITIONS PLAN
NOBSCOT RESERVATION
**SUDBURY &
FRAMINGHAM, MASS.**

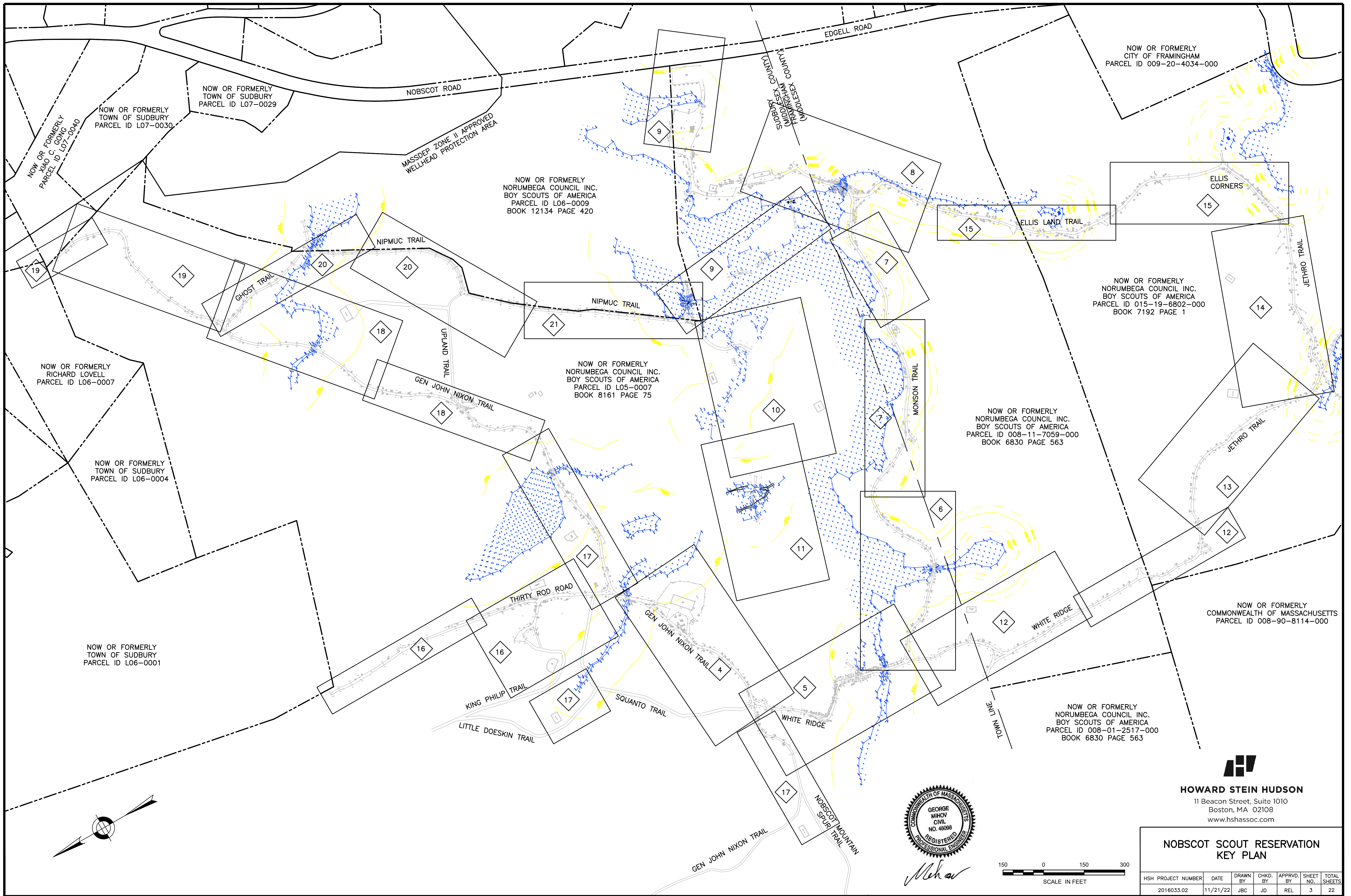
FELDMAN GEOSPATIAL
152 HAMPDEN STREET
BOSTON, MASS. 02119

APRIL 5, 2022
PHONE: (617)357-9740
www.feldmangeospatial.com



SCALE: 1"=200'

RESEARCH	FIELD CHIEF	PROJ MGR	APPROVED	SHEET NO.	OF
CALC	CADD	FIELD CHECKED	CRD FILE	JOB NO.	2200117
FILENAME: S:\PROJECTS\2022\2200117\DWG\2200117-EC.dwg					



NOW OR FORMERLY
XIAO C. GOING
PARCEL ID L07-0040

NOW OR FORMERLY
TOWN OF SUDBURY
PARCEL ID L07-0030

NOW OR FORMERLY
TOWN OF SUDBURY
PARCEL ID L07-0029

NOW OR FORMERLY
NORUMBEGA COUNCIL INC.
BOY SCOUTS OF AMERICA
PARCEL ID L06-0009
BOOK 12134 PAGE 420

NOW OR FORMERLY
NORUMBEGA COUNCIL INC.
BOY SCOUTS OF AMERICA
PARCEL ID L05-0007
BOOK 8161 PAGE 75

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NORUMBEGA COUNCIL INC.
BOY SCOUTS OF AMERICA
PARCEL ID 008-11-7059-000
BOOK 6830 PAGE 563

NOW OR FORMERLY
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BOY SCOUTS OF AMERICA
PARCEL ID 015-19-6802-000
BOOK 7192 PAGE 1

NOW OR FORMERLY
CITY OF FRAMINGHAM
PARCEL ID 009-20-4034-000

NOW OR FORMERLY
COMMONWEALTH OF MASSACHUSETTS
PARCEL ID 008-90-8114-000

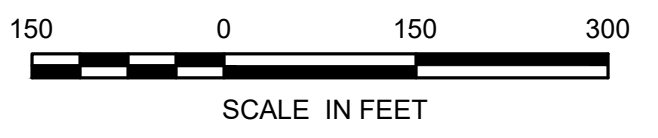
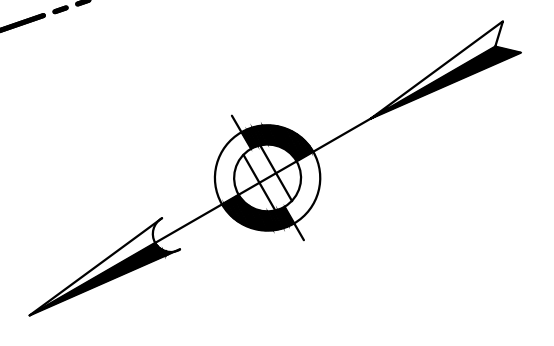
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NORUMBEGA COUNCIL INC.
BOY SCOUTS OF AMERICA
PARCEL ID 008-01-2517-000
BOOK 6830 PAGE 563

NOW OR FORMERLY
RICHARD LOVELL
PARCEL ID L06-0007

NOW OR FORMERLY
TOWN OF SUDBURY
PARCEL ID L06-0004

NOW OR FORMERLY
TOWN OF SUDBURY
PARCEL ID L06-0001

MASSDEP ZONE II APPROVED
WELLHEAD PROTECTION AREA

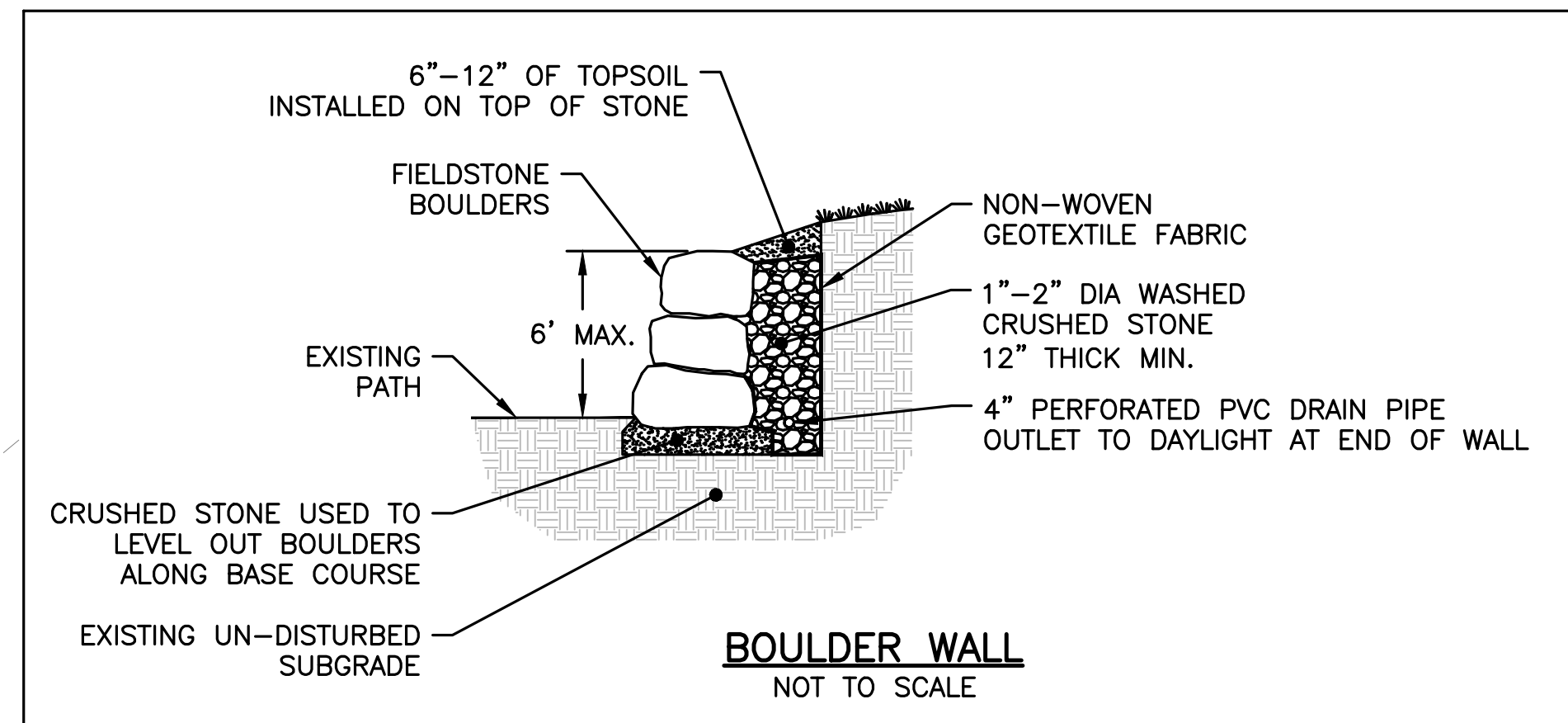
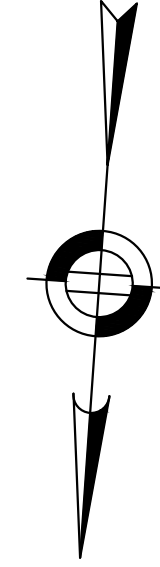


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11 Beacon Street, Suite 1010
Boston, MA 02108
www.hshassoc.com

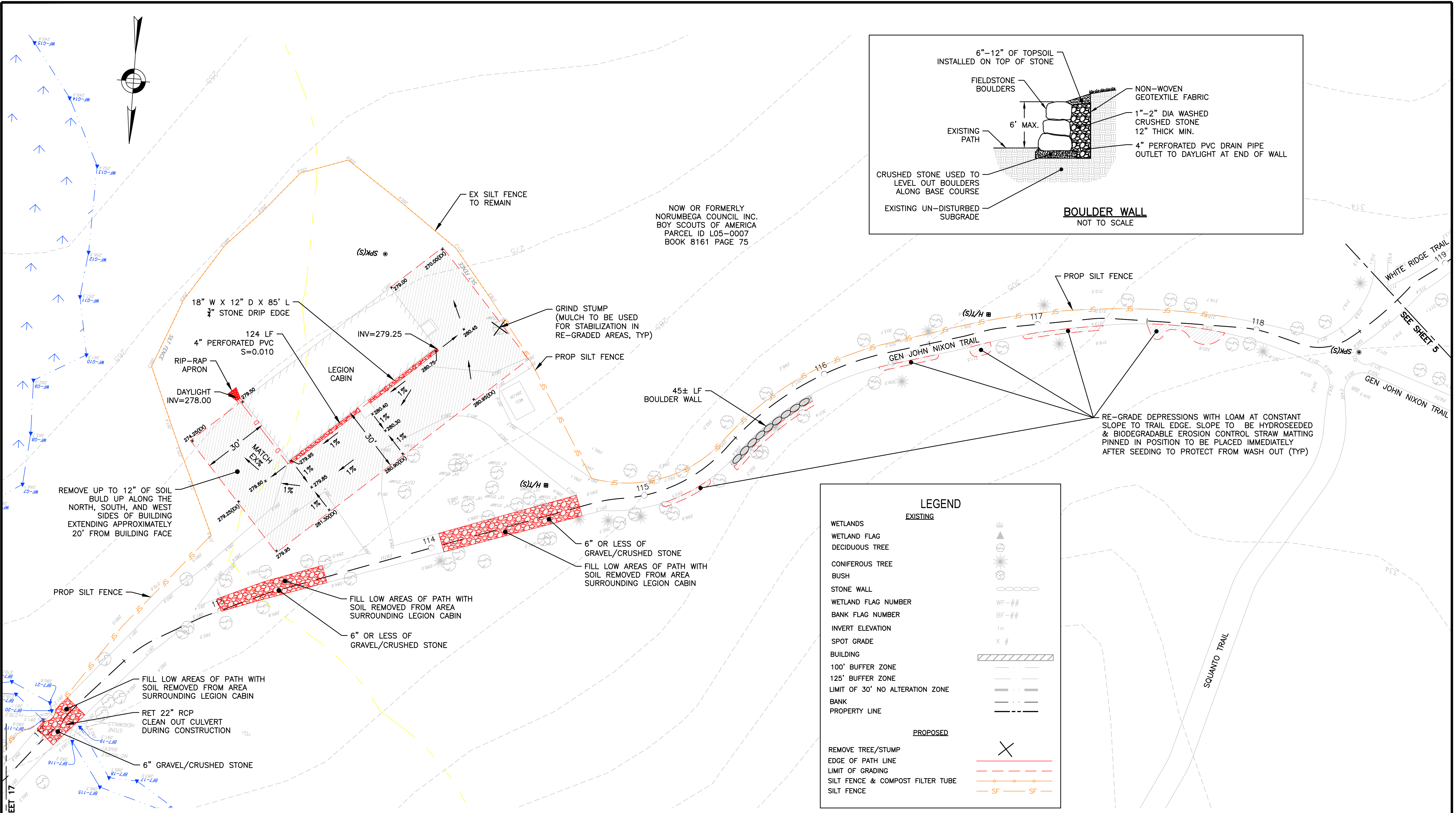
**NOBSCOT SCOUT RESERVATION
KEY PLAN**

HSH PROJECT NUMBER	DATE	DRAWN BY	CHKD. BY	APPRVD. BY	SHEET NO.	TOTAL SHEETS
2016033.02	11/21/22	JBC	JD	REL	3	22

11/21/2022 L:\16033\CURRENT\CUTSHEETS\16033_KEY_PLAN.dwg Joseph Connolly



NOW OR FORMERLY
NORUMBEGA COUNCIL INC.
BOY SCOUTS OF AMERICA
PARCEL ID L05-0007
BOOK 8161 PAGE 75



LEGEND	
EXISTING	
WETLANDS	
WETLAND FLAG	
DECIDUOUS TREE	
CONIFEROUS TREE	
BUSH	
STONE WALL	
WETLAND FLAG NUMBER	WF-##
BANK FLAG NUMBER	BF-##
INVERT ELEVATION	=
SPOT GRADE	X #
BUILDING	
100' BUFFER ZONE	
125' BUFFER ZONE	
LIMIT OF 30' NO ALTERATION ZONE	
BANK	
PROPERTY LINE	
PROPOSED	
REMOVE TREE/STUMP	
EDGE OF PATH LINE	
LIMIT OF GRADING	
SILT FENCE & COMPOST FILTER TUBE	
SILT FENCE	

DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT		142 SF
TEMPORARY UPLAND IMPACT		7,990 SF
PERMANENT WETLAND IMPACT		0 SF
TEMPORARY WETLAND IMPACT		0 SF
PERMANENT BANK IMPACT	N/A	0 SF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT		N/A
50' NO BUILD ZONE IMPACT		N/A
100' WETLAND BUFFER IMPACT	N/A	1,205 SF

STA 112+00-112+20 6" GRAVEL/CRUSHED STONE
 STA 113+10-113+50 6" GRAVEL/CRUSHED STONE
 STA 114+05-114+70 6" GRAVEL/CRUSHED STONE



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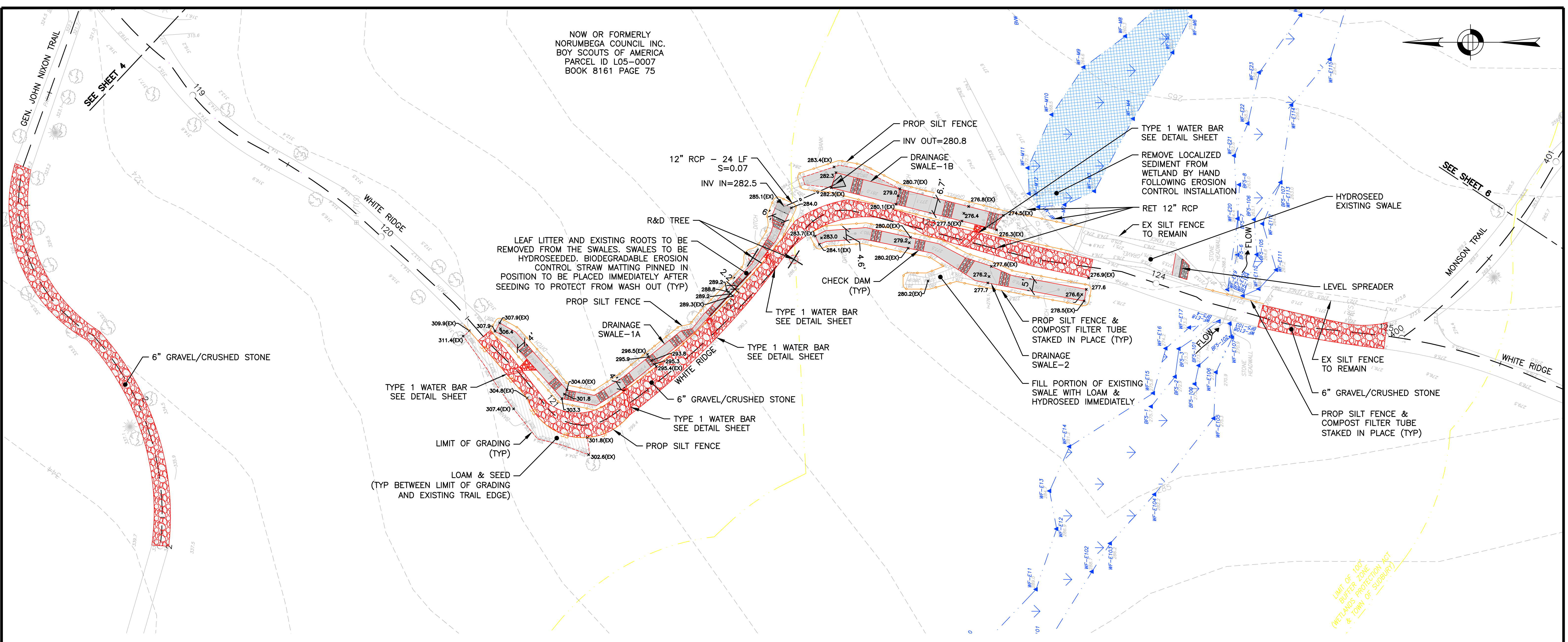
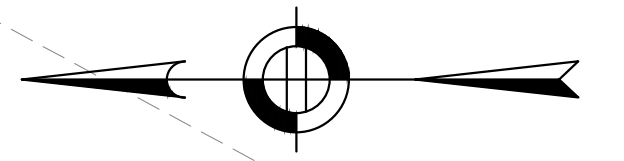
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 PERMITTING & CONSTRUCTION PLANS**

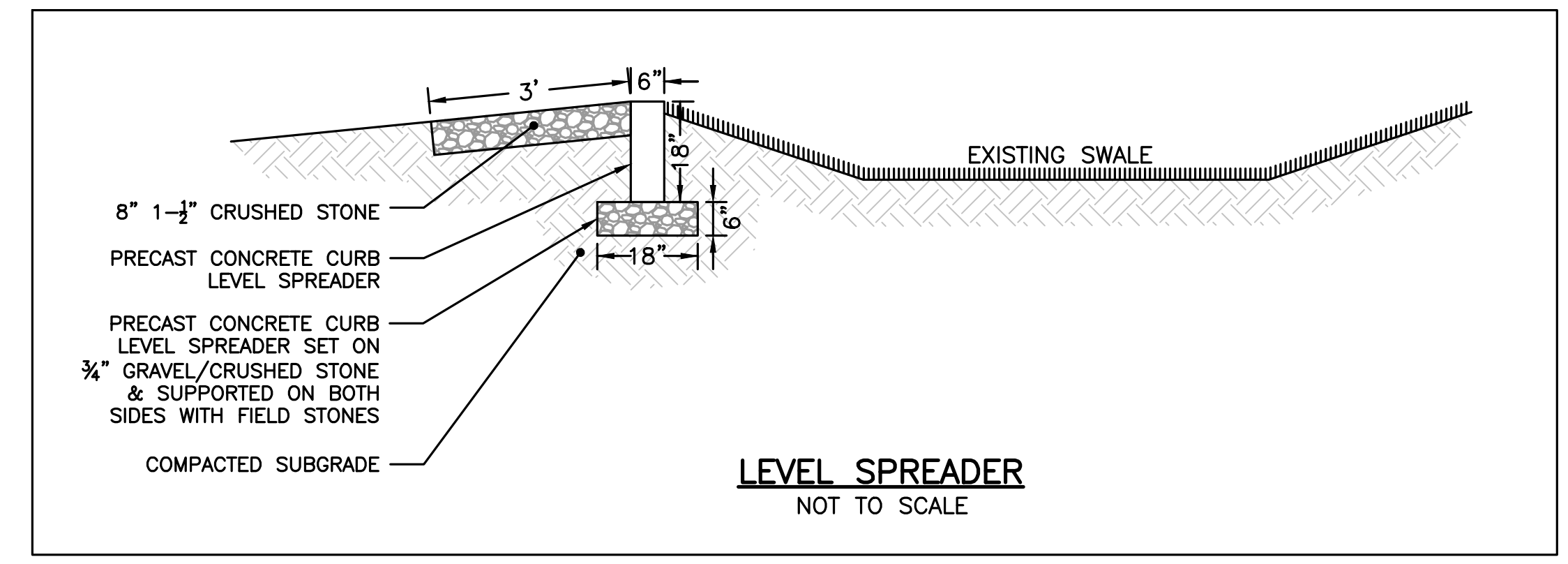
HSH PROJECT NUMBER	DATE	DRAWN BY	CHKD. BY	APPRVD. BY	SHEET NO.	TOTAL SHEETS
2018033.02	11/21/22	JBC	JD	REL	4	22

11/21/2022, L:\18033\CURRENT\OUTSHEETS\18033_NOT PLANS.dwg Joseph Comody

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NORUMBEGA COUNCIL INC.
BOY SCOUTS OF AMERICA
PARCEL ID L05-0007
BOOK 8161 PAGE 75



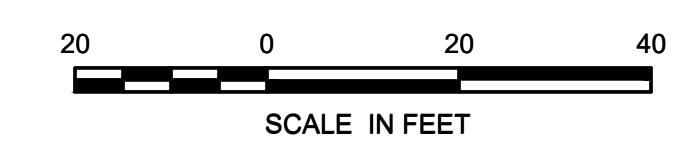
STA 0+85-2+35 6" GRAVEL/CRUSHED STONE
STA 120+60-124+20 6" GRAVEL/CRUSHED STONE
STA 124+45-125+00 6" GRAVEL/CRUSHED STONE



DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatched]	1,855 SF
TEMPORARY UPLAND IMPACT	[Hatched]	4,654 SF
PERMANENT WETLAND IMPACT	[Blue]	0 SF
TEMPORARY WETLAND IMPACT	[Blue]	2,542 SF
PERMANENT BANK IMPACT	N/A	0 SF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Yellow]	N/A
50' NO BUILD ZONE IMPACT	[Yellow]	N/A
100' WETLAND BUFFER IMPACT	N/A	2,849 SF



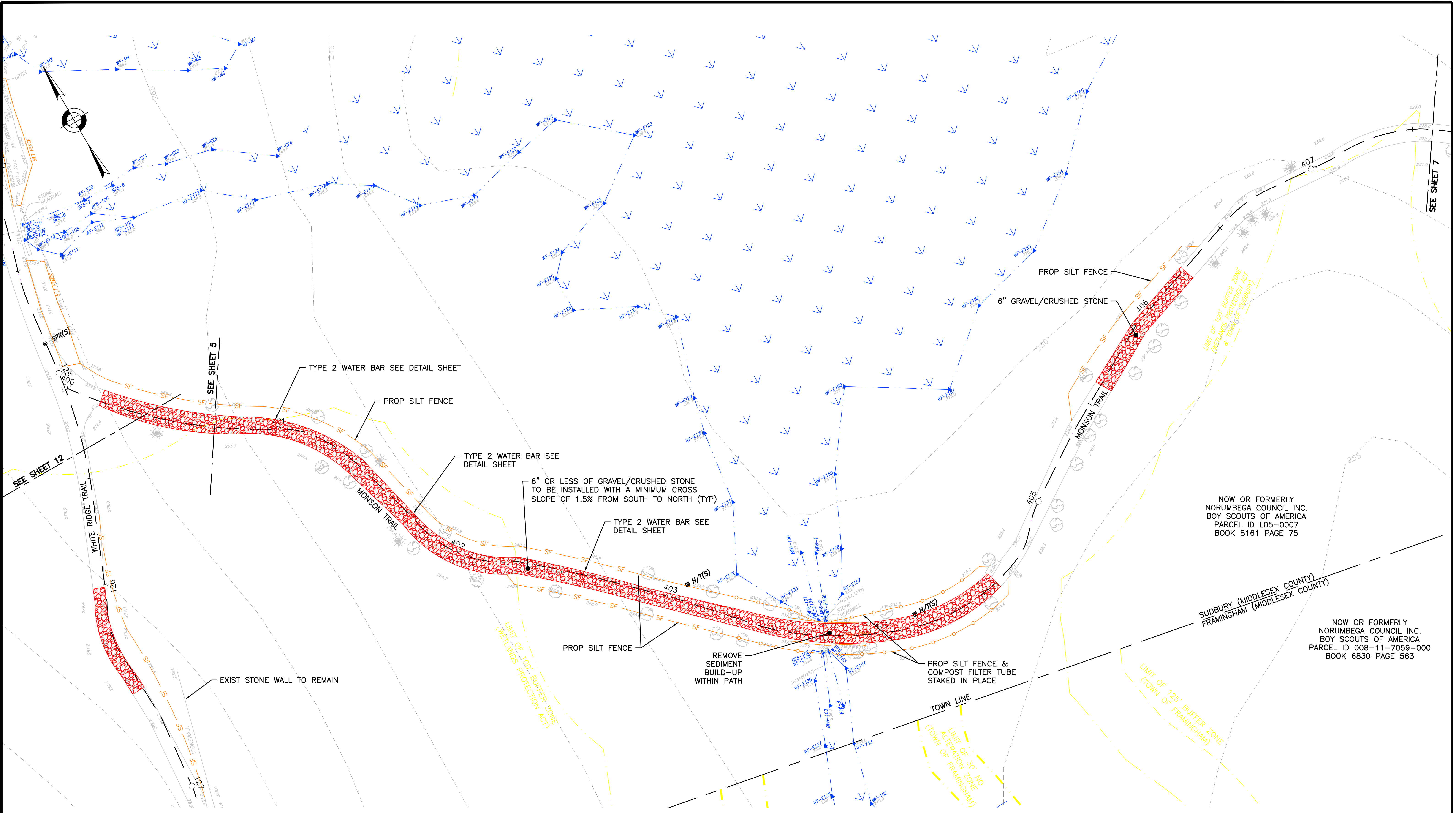
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2016033.02	11/21/22	JBC	JD	REL	5	22



DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Solid Grey Hatch]	0 SF
TEMPORARY UPLAND IMPACT	[Diagonal Line Hatch]	3,990 SF
PERMANENT WETLAND IMPACT	[Blue Hatch]	0 SF
TEMPORARY WETLAND IMPACT	[Blue Checkered Hatch]	0 SF
PERMANENT BANK IMPACT	N/A	0 SF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Yellow Hatch]	N/A
50' NO BUILD ZONE IMPACT	[Yellow Diagonal Hatch]	N/A
100' WETLAND BUFFER IMPACT	N/A	2,470 SF

STATION 400+17-404+57 - 6" GRAVEL/CRUSHED STONE
 STATION 405+60-406+25 - 6" GRAVEL/CRUSHED STONE



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SUDBURY (MIDDLESEX COUNTY)
 FRAMINGHAM (MIDDLESEX COUNTY)

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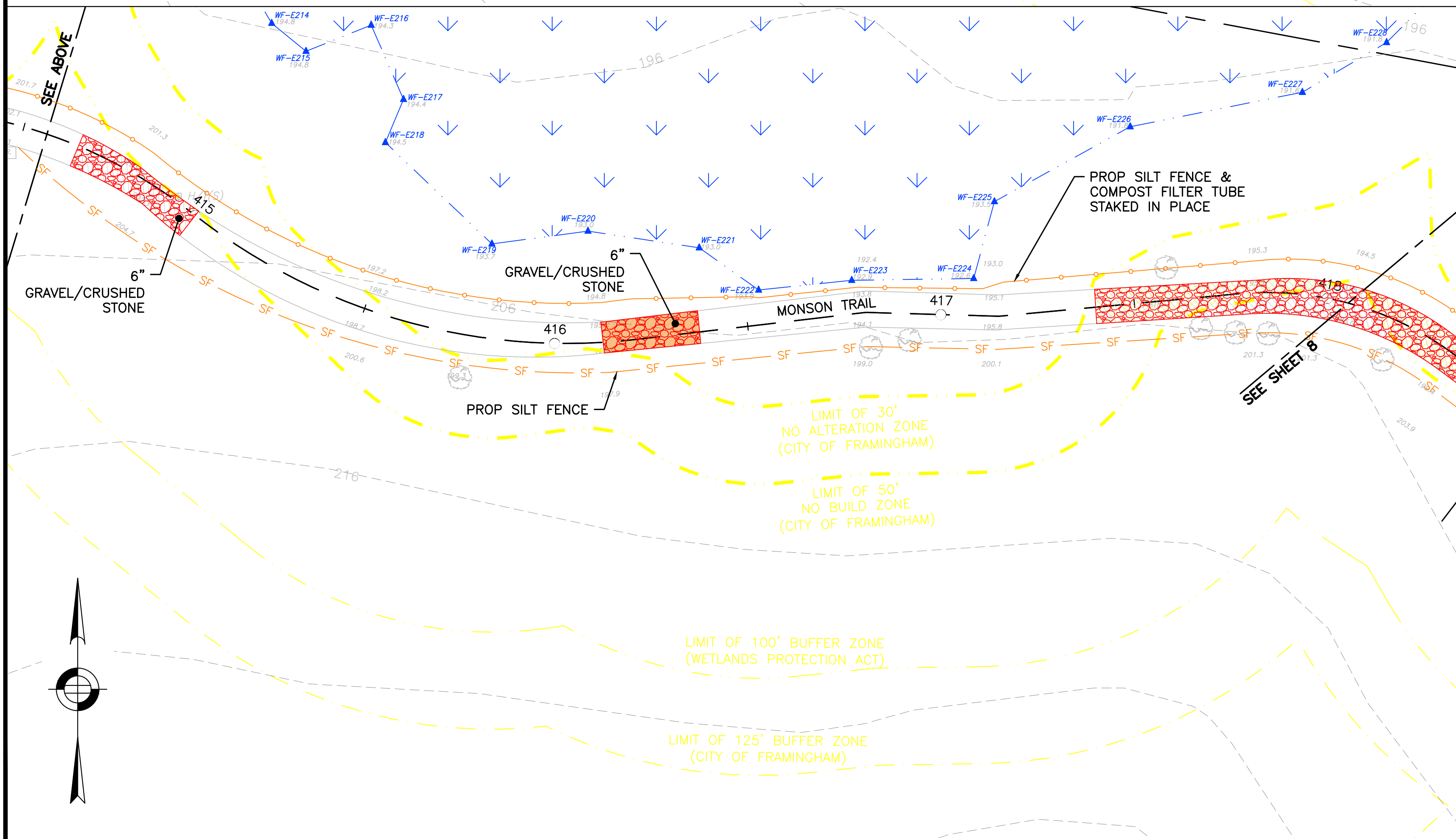
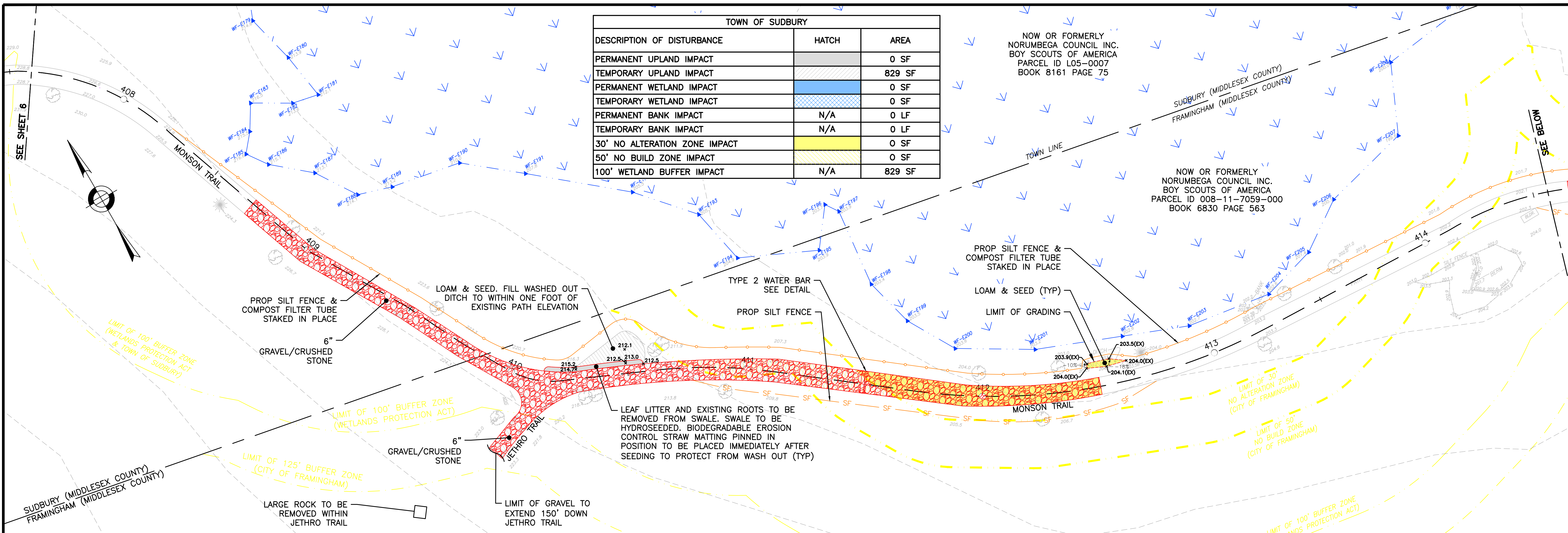
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2016033.02	11/21/22	JBC	JD	REL	6	22

11/21/2022, L:\16033\CURRENT\OUTSHEETS\16033_NOT PLANS.dwg
 Joseph Connolly

TOWN OF SUDBURY		
DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatched]	0 SF
TEMPORARY UPLAND IMPACT	[Hatched]	829 SF
PERMANENT WETLAND IMPACT	[Blue Hatched]	0 SF
TEMPORARY WETLAND IMPACT	[Blue Hatched]	0 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Yellow Hatched]	0 SF
50' NO BUILD ZONE IMPACT	[Yellow Hatched]	0 SF
100' WETLAND BUFFER IMPACT	N/A	829 SF

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BOOK 6830 PAGE 563



STA 408+70-412+50 6" GRAVEL/CRUSHED STONE
STA 414+65-415+00 6" GRAVEL/CRUSHED STONE
STA 416+13-416+38 6" GRAVEL/CRUSHED STONE
STA 417+40-419+05 6" GRAVEL/CRUSHED STONE

CITY OF FRAMINGHAM		
DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatched]	82 SF
TEMPORARY UPLAND IMPACT	[Hatched]	4,656 SF
PERMANENT WETLAND IMPACT	[Blue Hatched]	0 SF
TEMPORARY WETLAND IMPACT	[Blue Hatched]	0 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Yellow Hatched]	1,046 SF
50' NO BUILD ZONE IMPACT	[Yellow Hatched]	592 SF
100' WETLAND BUFFER IMPACT	N/A	3,680 SF



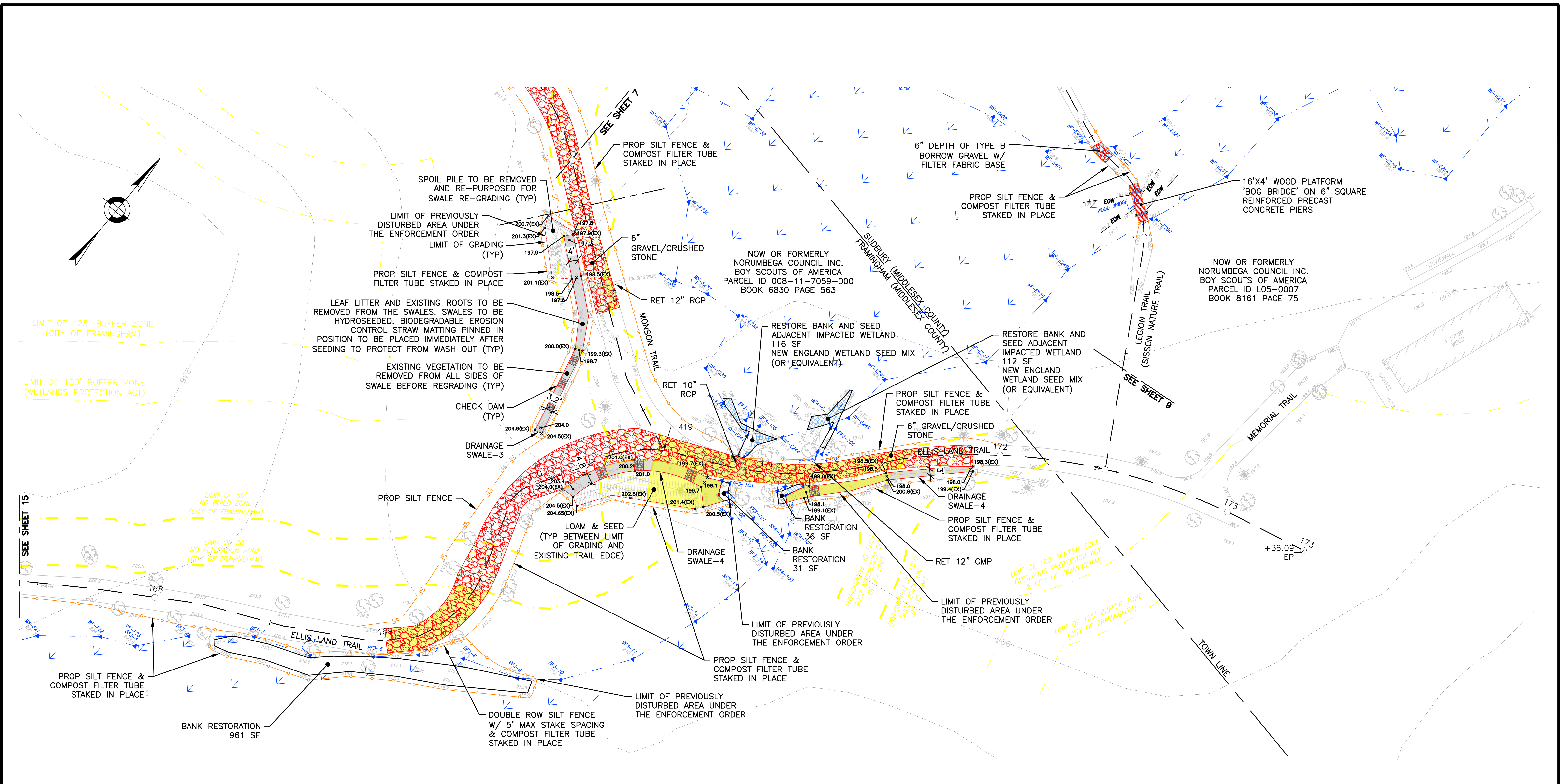
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HSH PROJECT NUMBER	DATE	DRAWN BY	CHKD. BY	APPRVD. BY	SHEET NO.	TOTAL SHEETS
2016033.01	11/21/22	JBC	JD	REL	7	22





STA 169+00-171+90 6" GRAVEL/CRUSHED STONE
 STA 1+38-1+46 6" TYPE B GRAVEL BORROW W/ FILTER FABRIC BASE

CITY OF FRAMINGHAM		
DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatch]	958 SF
TEMPORARY UPLAND IMPACT	[Hatch]	5,247 SF
PERMANENT WETLAND IMPACT	[Hatch]	0 SF
TEMPORARY WETLAND IMPACT	[Hatch]	229 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	161 LF
30' NO ALTERATION ZONE IMPACT	[Hatch]	2,151 SF
50' NO BUILD ZONE IMPACT	[Hatch]	4,715 SF
100' WETLAND BUFFER IMPACT	N/A	6,205 SF

TOWN OF SUDBURY		
DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatch]	0 SF
TEMPORARY UPLAND IMPACT	[Hatch]	2 SF
PERMANENT WETLAND IMPACT	[Hatch]	11 SF
TEMPORARY WETLAND IMPACT	[Hatch]	38 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Hatch]	0 SF
50' NO BUILD ZONE IMPACT	[Hatch]	0 SF
100' WETLAND BUFFER IMPACT	N/A	2 SF



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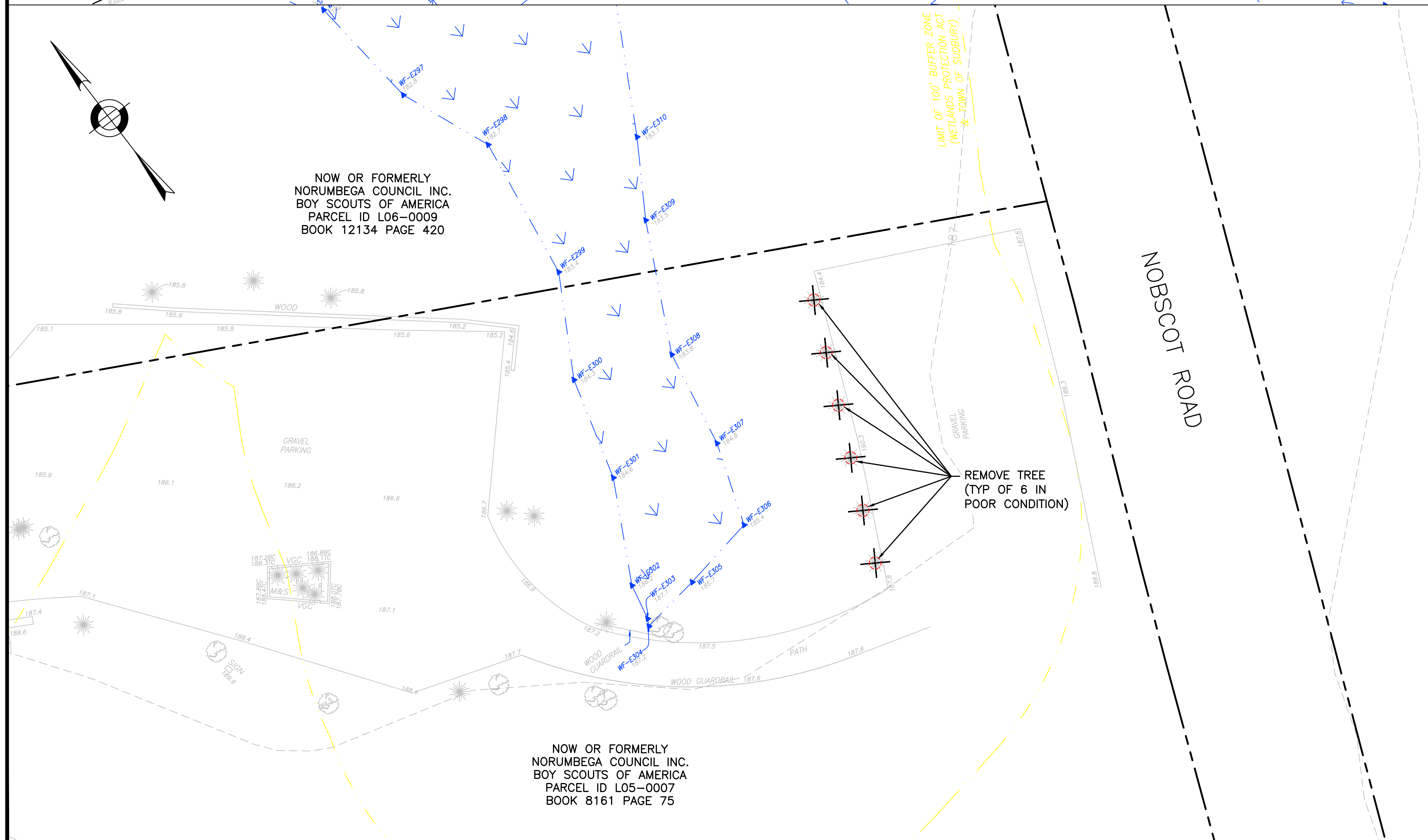
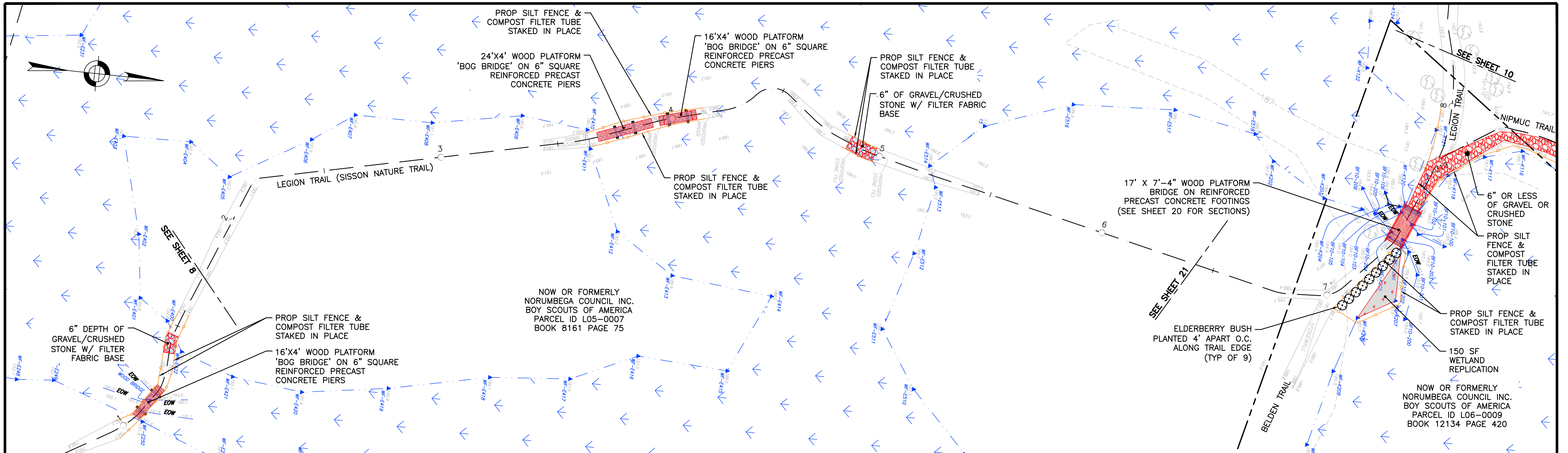
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2016033.02	11/21/22	JBC	JD	REL	8	22



11/21/2022 L:\16033\CURRENT\OUTSHEET\16033_NOT PLANS_SWALES.dwg Joseph Connolly



STA 4+86-4+98 6" TYPE B GRAVEL/CRUSHED STONE W/ FILTER FABRIC BASE

DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatch]	11 SF
TEMPORARY UPLAND IMPACT	[Hatch]	60 SF
PERMANENT WETLAND IMPACT	[Hatch]	47 SF
TEMPORARY WETLAND IMPACT	[Hatch]	74 SF
PERMANENT BANK IMPACT	N/A	0 SF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Hatch]	N/A
50' NO BUILD ZONE IMPACT	[Hatch]	N/A
100' WETLAND BUFFER IMPACT	N/A	11 SF

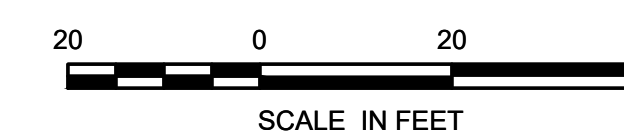


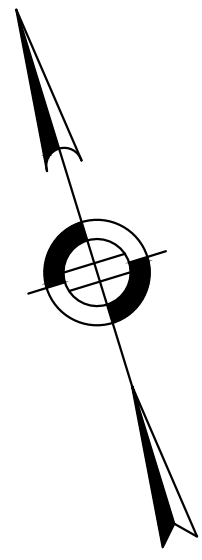
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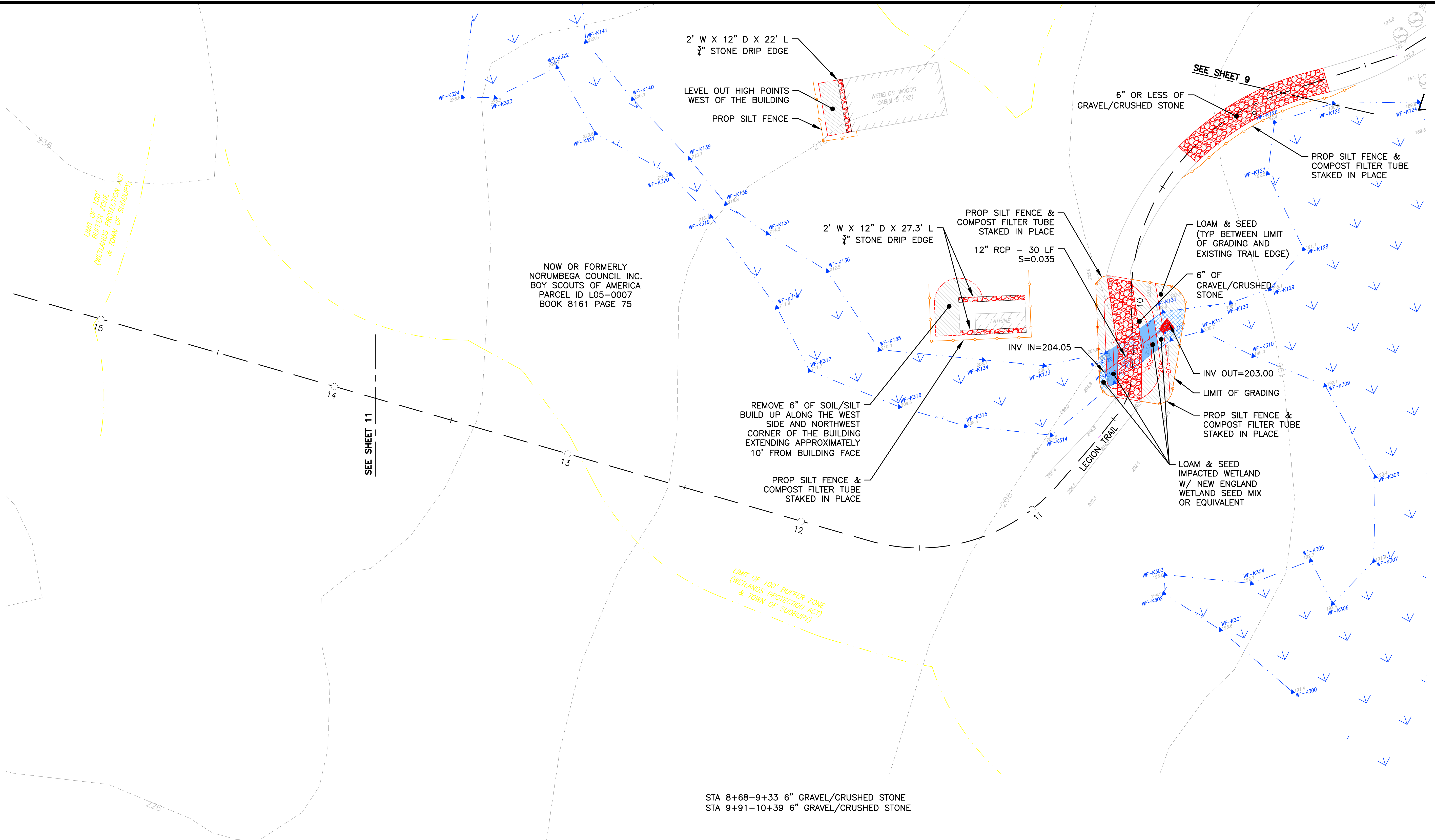
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HSH PROJECT NUMBER	DATE	DRAWN BY	CHKD. BY	APPRVD. BY	SHEET NO.	TOTAL SHEETS
2016033.02	11/21/22	JBC	JD	REL	9	22





LIMIT OF 100' BUFFER ZONE (WETLANDS PROTECTION ACT & TOWN OF SUDBURY)



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2' W X 12" D X 22' L 3/4" STONE DRIP EDGE

LEVEL OUT HIGH POINTS WEST OF THE BUILDING
PROP SILT FENCE

2' W X 12" D X 27.3' L 3/4" STONE DRIP EDGE

PROP SILT FENCE & COMPOST FILTER TUBE STAKED IN PLACE
12" RCP - 30 LF S=0.035

6" OR LESS OF GRAVEL/CRUSHED STONE

PROP SILT FENCE & COMPOST FILTER TUBE STAKED IN PLACE

LOAM & SEED (TYP BETWEEN LIMIT OF GRADING AND EXISTING TRAIL EDGE)

6" OF GRAVEL/CRUSHED STONE

INV IN=204.05
INV OUT=203.00

LIMIT OF GRADING
PROP SILT FENCE & COMPOST FILTER TUBE STAKED IN PLACE

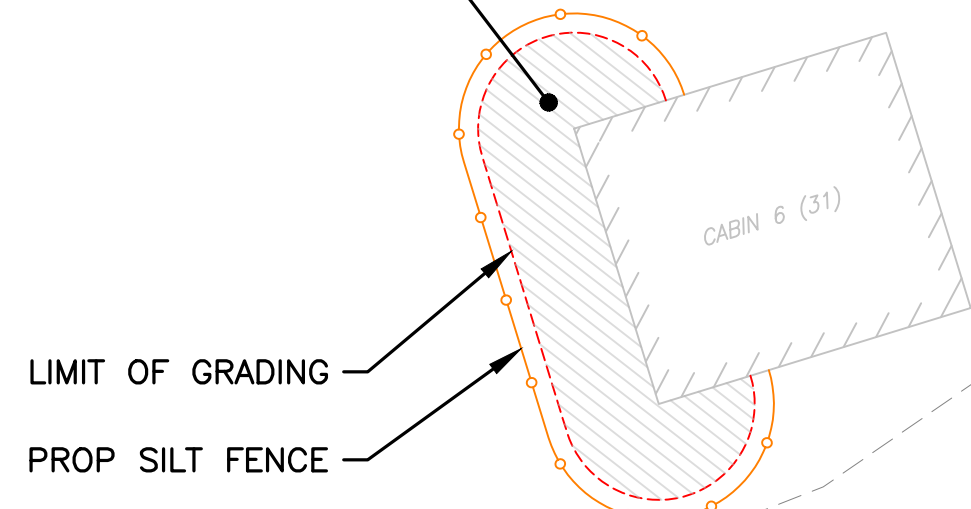
LOAM & SEED IMPACTED WETLAND W/ NEW ENGLAND WETLAND SEED MIX OR EQUIVALENT

REMOVE 6" OF SOIL/SILT BUILD UP ALONG THE WEST SIDE AND NORTHWEST CORNER OF THE BUILDING EXTENDING APPROXIMATELY 10' FROM BUILDING FACE

PROP SILT FENCE & COMPOST FILTER TUBE STAKED IN PLACE

STA 8+68-9+33 6" GRAVEL/CRUSHED STONE
STA 9+91-10+39 6" GRAVEL/CRUSHED STONE

REMOVE 6" OF SOIL/SILT BUILD UP ALONG THE WEST SIDE, NORTHWEST CORNER, AND SOUTHWEST CORNER OF THE BUILDING EXTENDING APPROXIMATELY 10' FROM BUILDING FACE



DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatched]	0 SF
TEMPORARY UPLAND IMPACT	[Hatched]	3,010 SF
PERMANENT WETLAND IMPACT	[Hatched]	178 SF
TEMPORARY WETLAND IMPACT	[Hatched]	167 SF
PERMANENT BANK IMPACT	N/A	0 SF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Hatched]	N/A
50' NO BUILD ZONE IMPACT	[Hatched]	N/A
100' WETLAND BUFFER IMPACT	N/A	2,396 SF



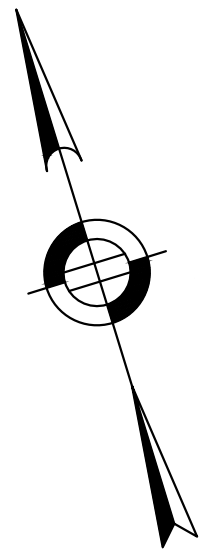
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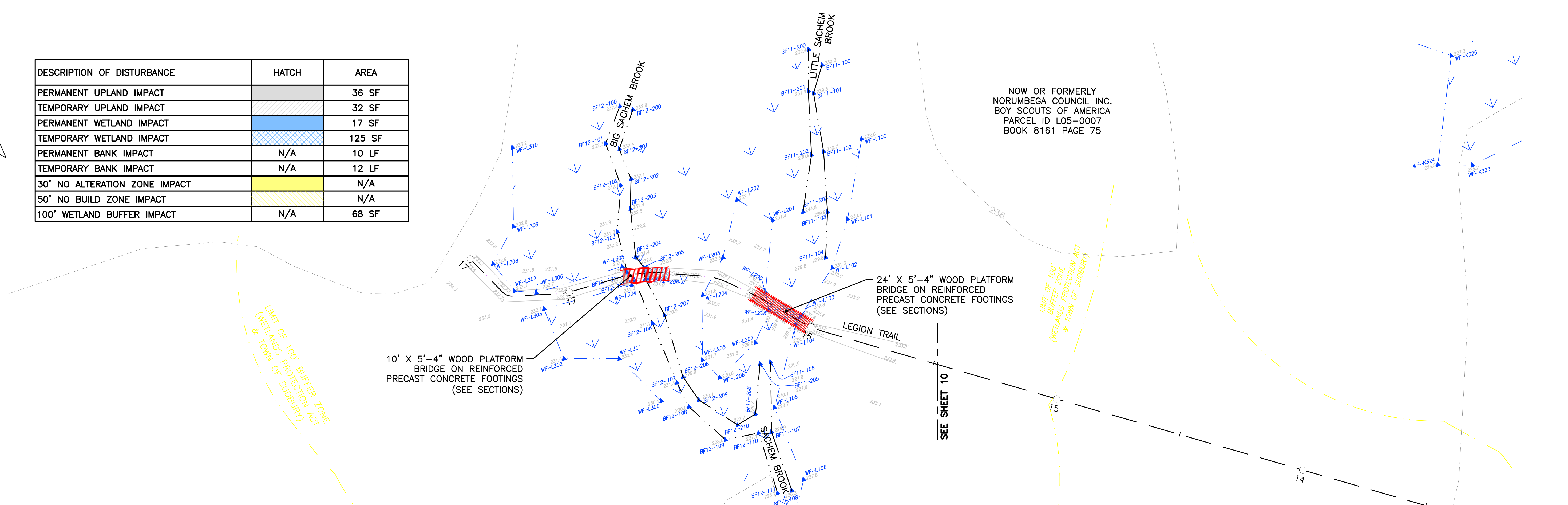
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2016033.02	11/21/22	JBC	JD	REL	10	22





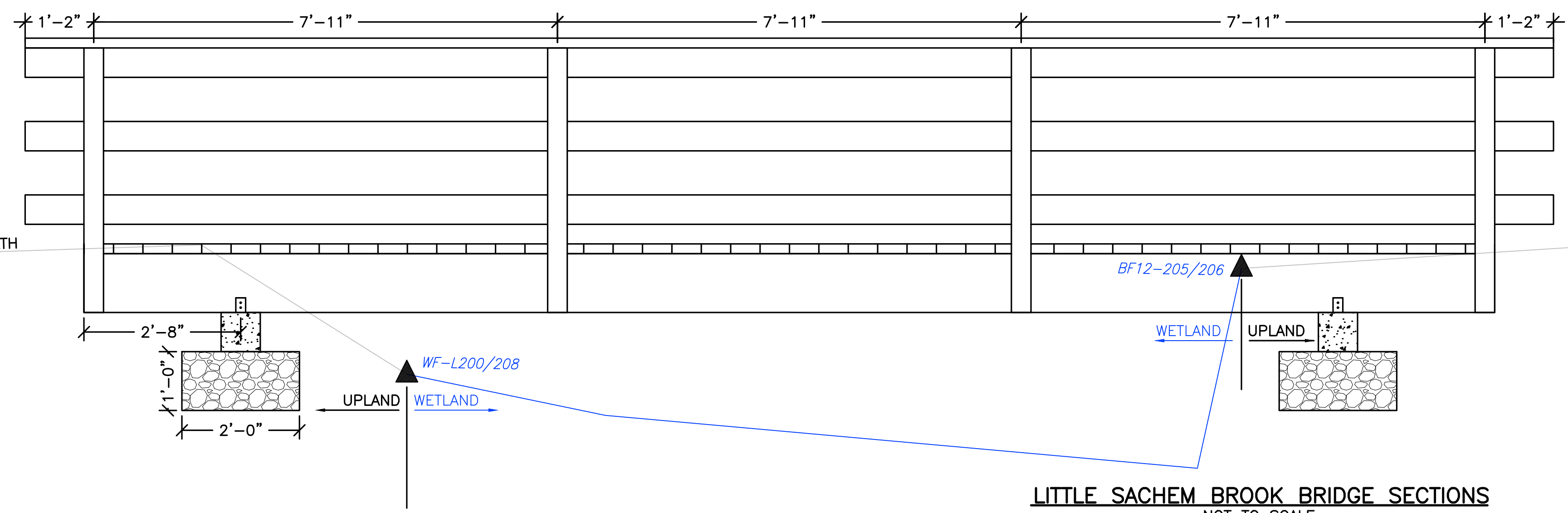
DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatched pattern]	36 SF
TEMPORARY UPLAND IMPACT	[Hatched pattern]	32 SF
PERMANENT WETLAND IMPACT	[Blue hatched pattern]	17 SF
TEMPORARY WETLAND IMPACT	[Blue hatched pattern]	125 SF
PERMANENT BANK IMPACT	N/A	10 LF
TEMPORARY BANK IMPACT	N/A	12 LF
30' NO ALTERATION ZONE IMPACT	[Yellow hatched pattern]	N/A
50' NO BUILD ZONE IMPACT	[Yellow hatched pattern]	N/A
100' WETLAND BUFFER IMPACT	N/A	68 SF

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BOOK 8161 PAGE 75

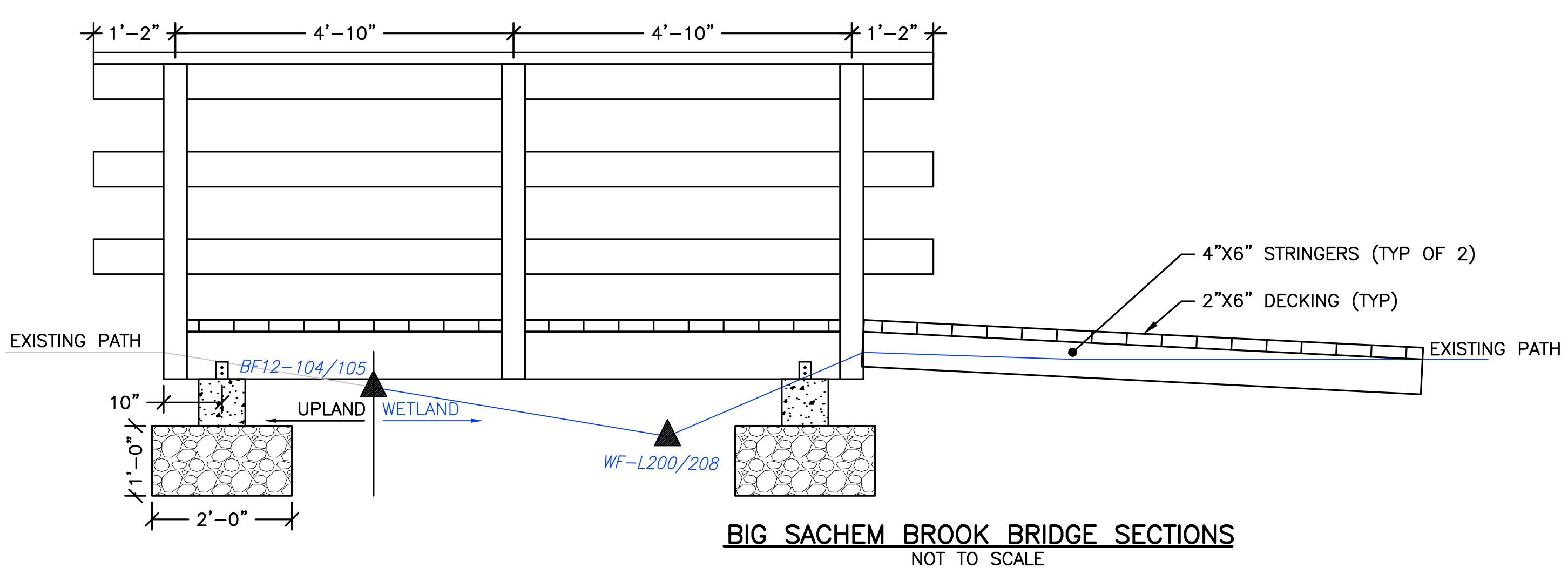
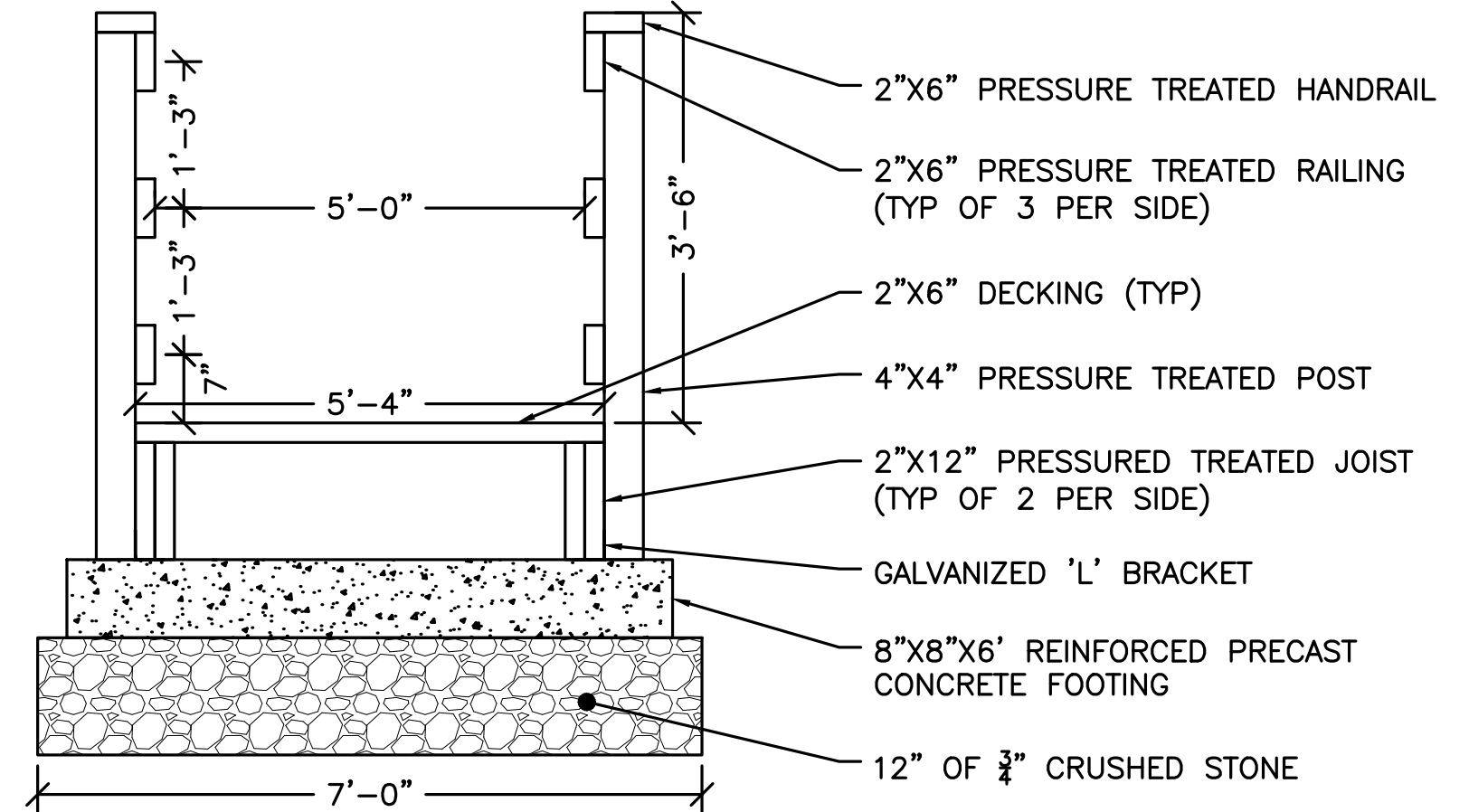


10' X 5'-4" WOOD PLATFORM
BRIDGE ON REINFORCED
PRECAST CONCRETE FOOTINGS
(SEE SECTIONS)

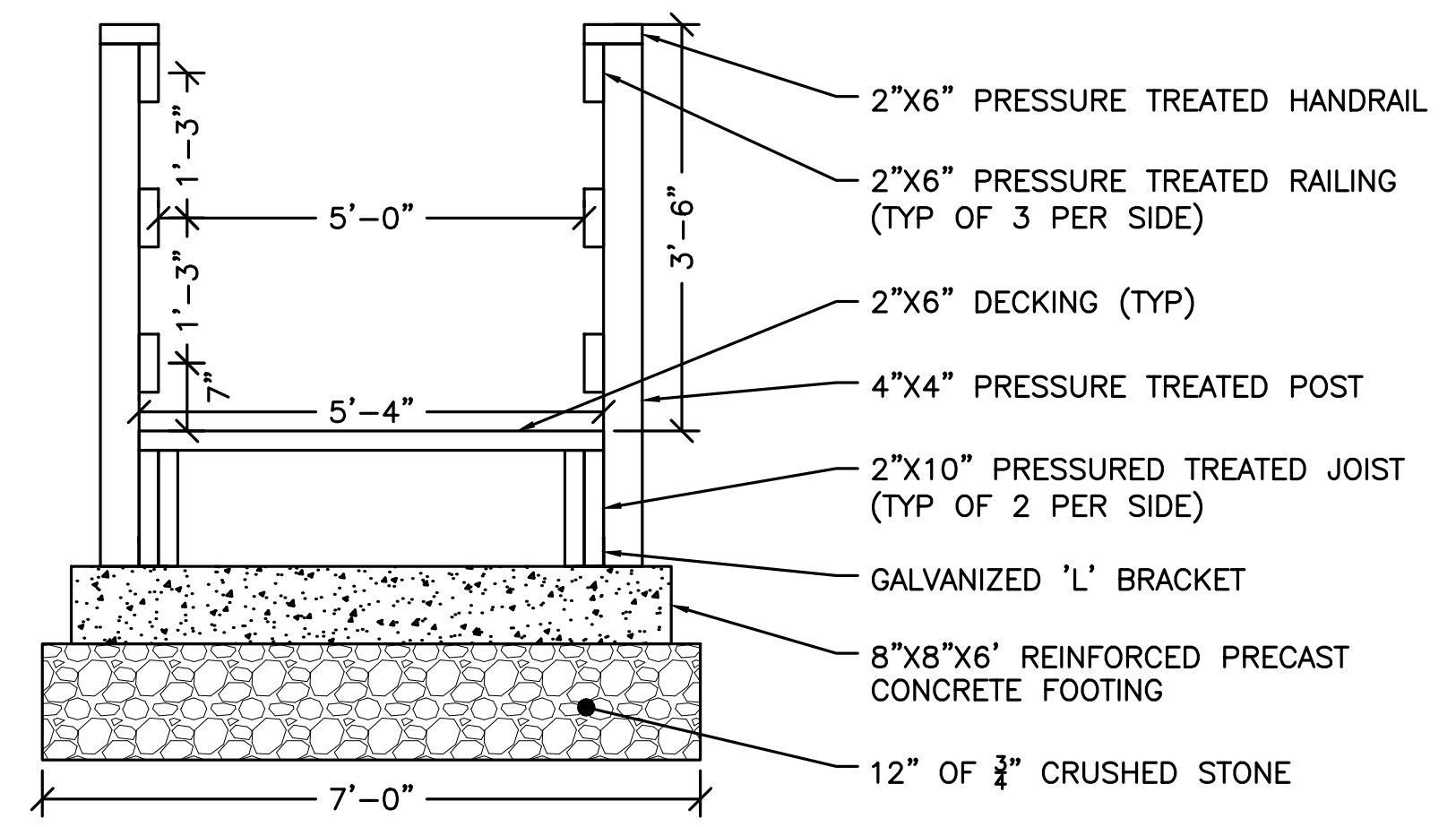
24' X 5'-4" WOOD PLATFORM
BRIDGE ON REINFORCED
PRECAST CONCRETE FOOTINGS
(SEE SECTIONS)



LITTLE SACHEM BROOK BRIDGE SECTIONS
NOT TO SCALE



BIG SACHEM BROOK BRIDGE SECTIONS
NOT TO SCALE

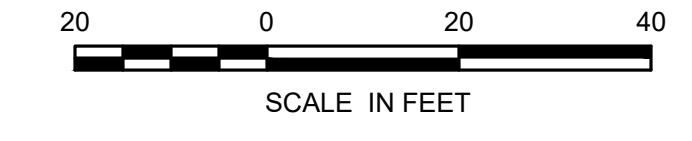


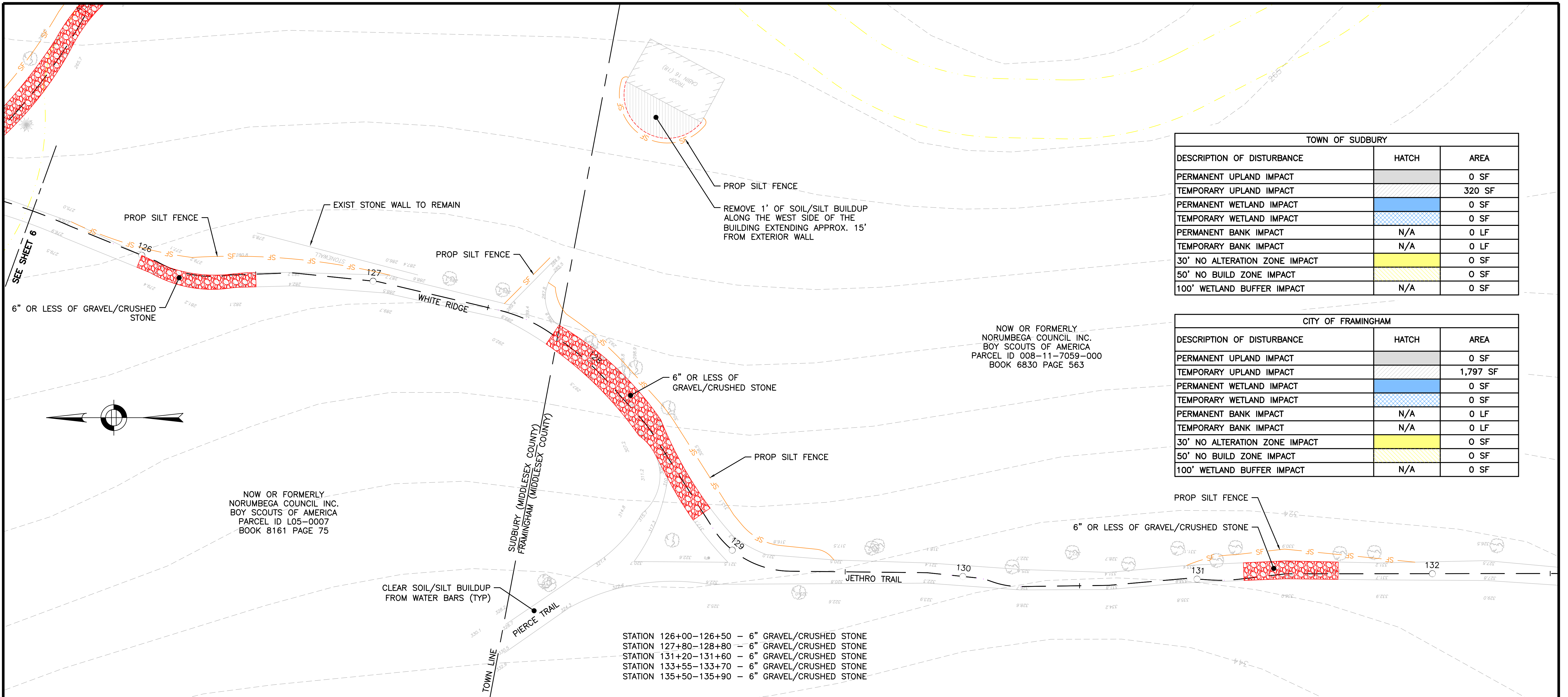
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HSH PROJECT NUMBER	DATE	DRAWN BY	CHKD. BY	APPRVD. BY	SHEET NO.	TOTAL SHEETS
2016033.02	11/21/22	JBC	JD	REL	11	22

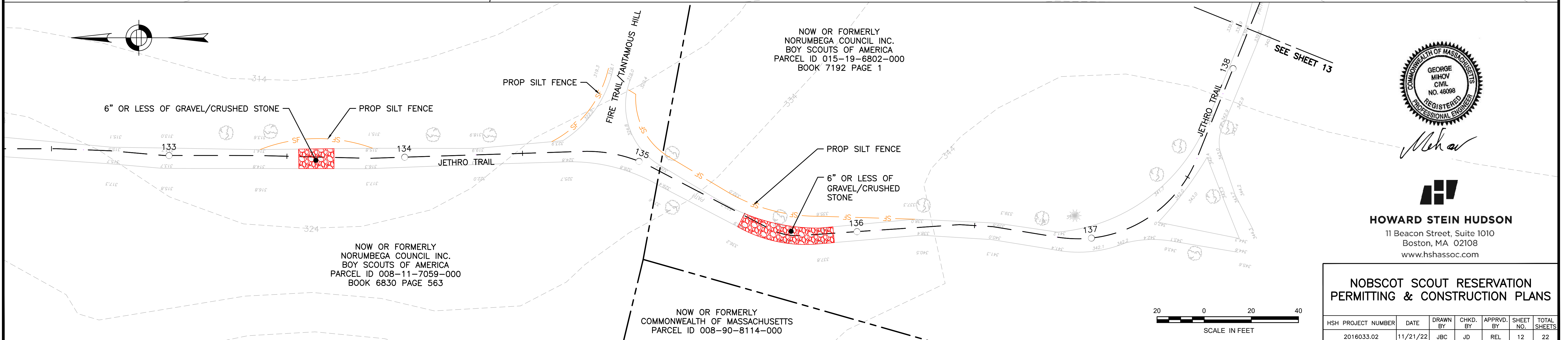




TOWN OF SUDBURY		
DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatched]	0 SF
TEMPORARY UPLAND IMPACT	[Hatched]	320 SF
PERMANENT WETLAND IMPACT	[Blue Hatched]	0 SF
TEMPORARY WETLAND IMPACT	[Blue Hatched]	0 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Yellow Hatched]	0 SF
50' NO BUILD ZONE IMPACT	[Yellow Hatched]	0 SF
100' WETLAND BUFFER IMPACT	N/A	0 SF

CITY OF FRAMINGHAM		
DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatched]	0 SF
TEMPORARY UPLAND IMPACT	[Hatched]	1,797 SF
PERMANENT WETLAND IMPACT	[Blue Hatched]	0 SF
TEMPORARY WETLAND IMPACT	[Blue Hatched]	0 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Yellow Hatched]	0 SF
50' NO BUILD ZONE IMPACT	[Yellow Hatched]	0 SF
100' WETLAND BUFFER IMPACT	N/A	0 SF

- STATION 126+00-126+50 - 6" GRAVEL/CRUSHED STONE
- STATION 127+80-128+80 - 6" GRAVEL/CRUSHED STONE
- STATION 131+20-131+60 - 6" GRAVEL/CRUSHED STONE
- STATION 133+55-133+70 - 6" GRAVEL/CRUSHED STONE
- STATION 135+50-135+90 - 6" GRAVEL/CRUSHED STONE



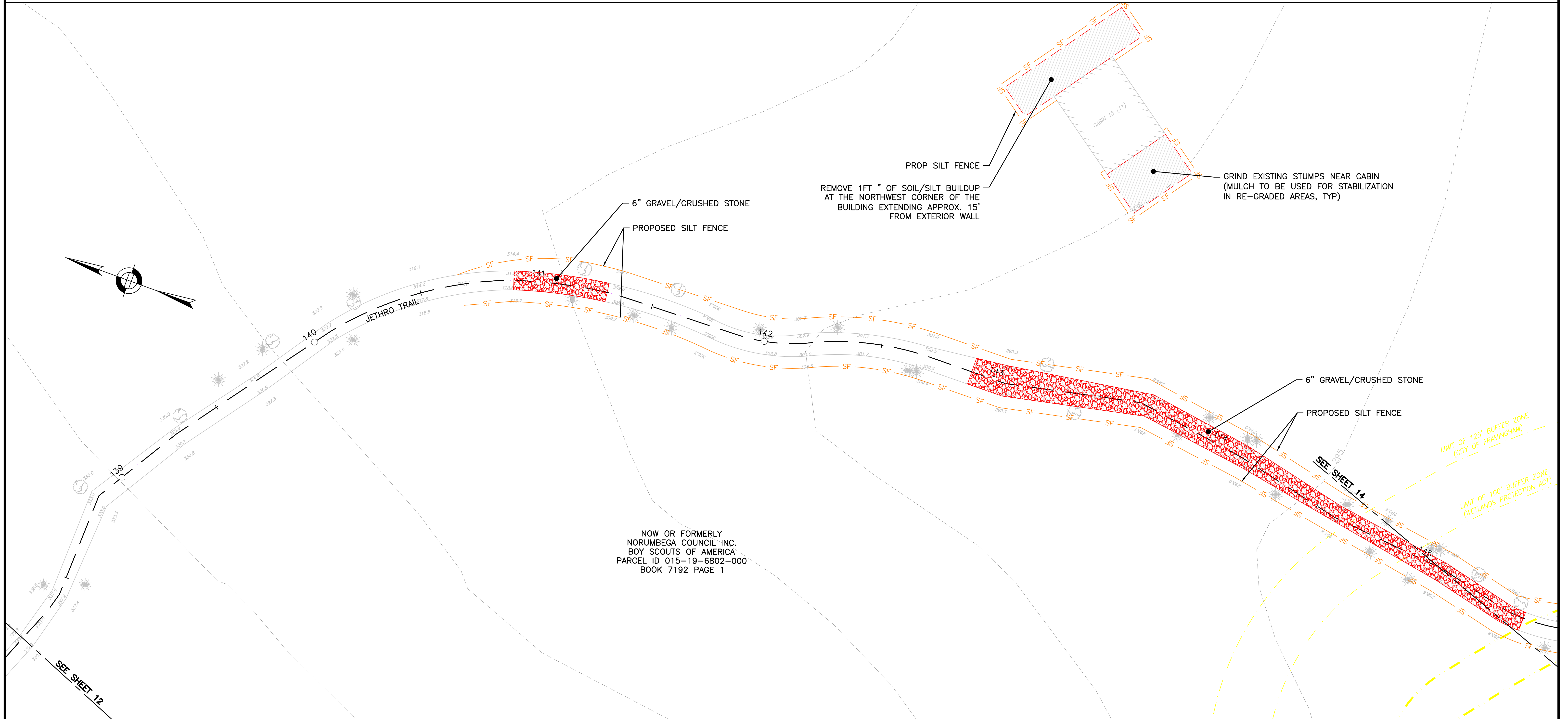
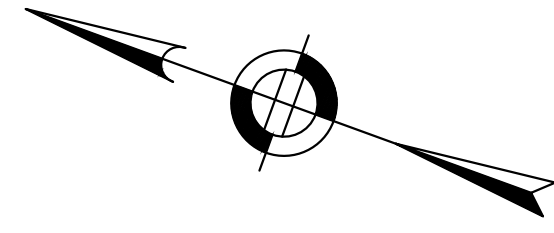
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 Boston, MA 02108
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2016033.02	11/21/22	JBC	JD	REL	12	22





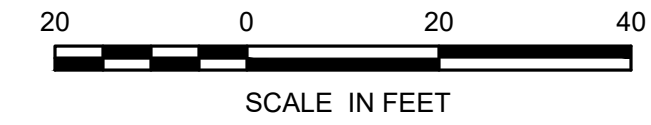
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 NORUMBEGA COUNCIL INC.
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 BOOK 7192 PAGE 1

STATION 140+90-141+30 - 6" GRAVEL/CRUSHED STONE
 STATION 142+90-145+50 - 6" GRAVEL/CRUSHED STONE

DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatched Pattern]	0 SF
TEMPORARY UPLAND IMPACT	[Hatched Pattern]	4,255 SF
PERMANENT WETLAND IMPACT	[Blue Hatched Pattern]	0 SF
TEMPORARY WETLAND IMPACT	[Blue Hatched Pattern]	0 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Yellow Hatched Pattern]	0 SF
50' NO BUILD ZONE IMPACT	[Yellow Hatched Pattern]	0 SF
100' WETLAND BUFFER IMPACT	N/A	462 SF



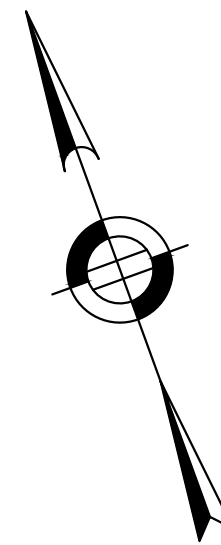
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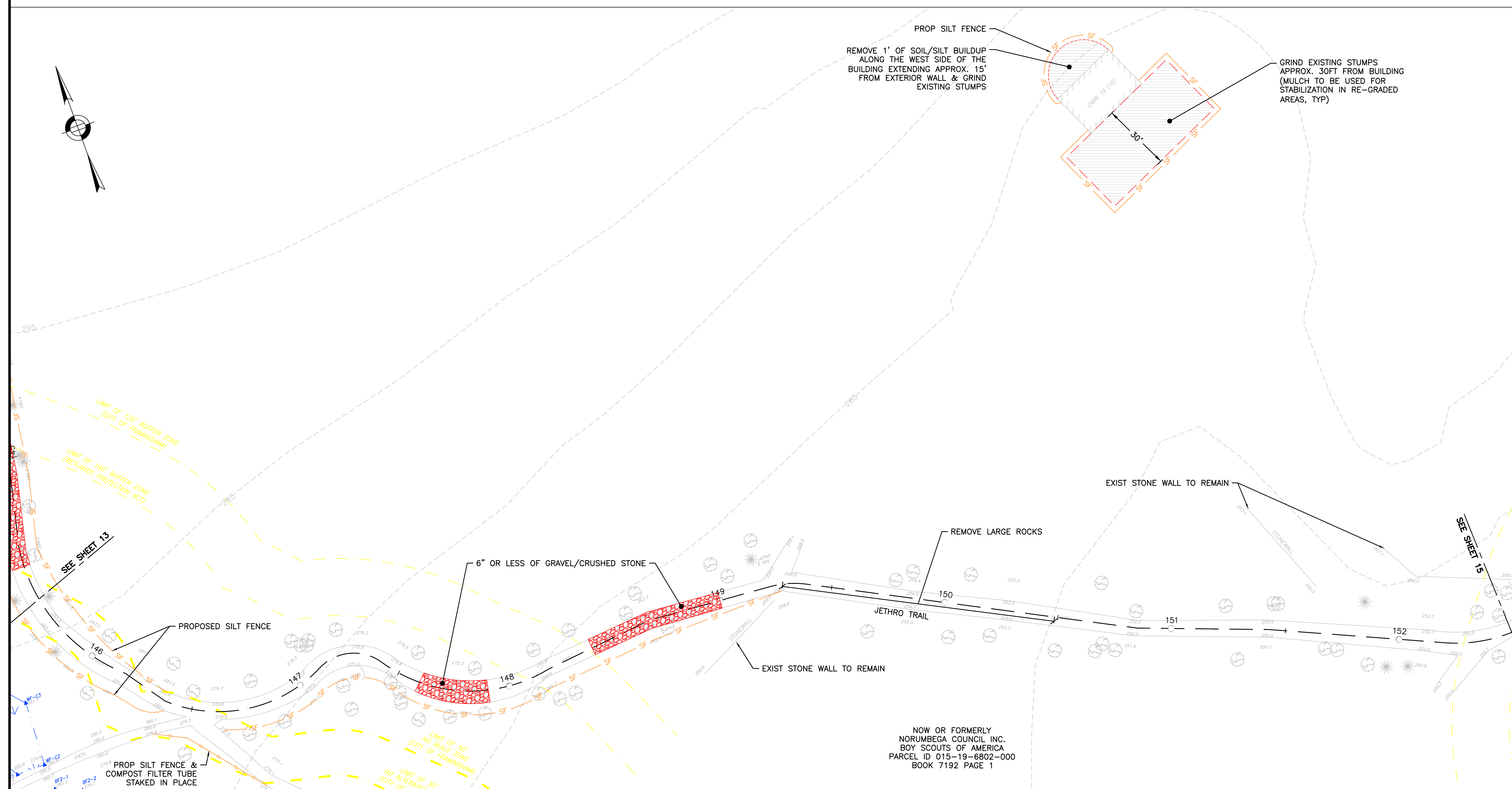
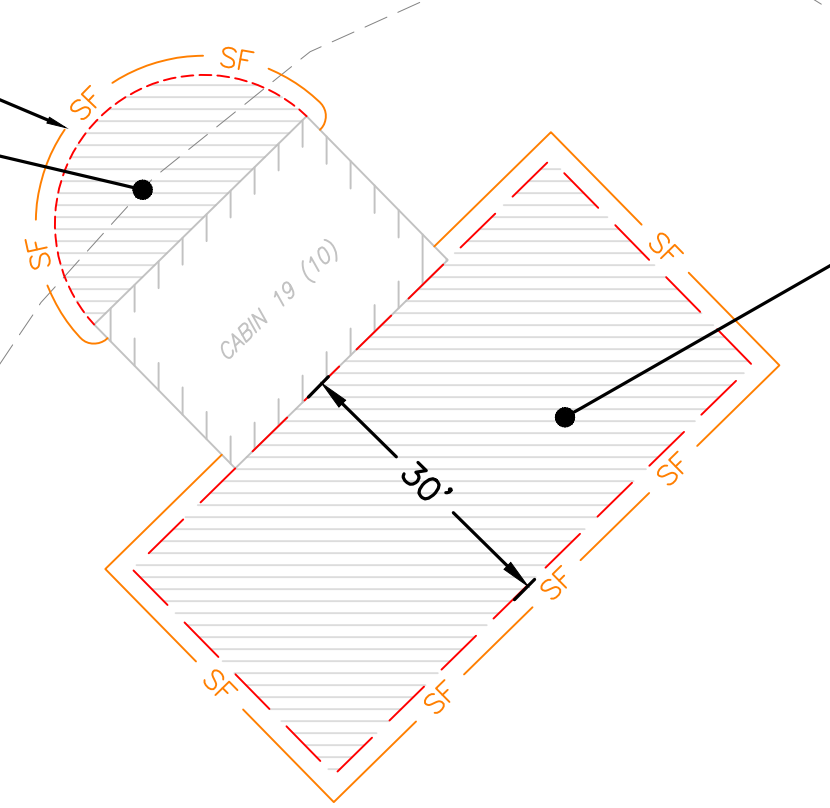
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2016033.02	11/21/22	JBC	JD	REL	13	22



PROP SILT FENCE
 REMOVE 1' OF SOIL/SILT BUILDUP
 ALONG THE WEST SIDE OF THE
 BUILDING EXTENDING APPROX. 15'
 FROM EXTERIOR WALL & GRIND
 EXISTING STUMPS

GRIND EXISTING STUMPS
 APPROX. 30FT FROM BUILDING
 (MULCH TO BE USED FOR
 STABILIZATION IN RE-GRADED
 AREAS, TYP)



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 BOOK 7192 PAGE 1

DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatched]	0 SF
TEMPORARY UPLAND IMPACT	[Hatched]	2,933 SF
PERMANENT WETLAND IMPACT	[Hatched]	0 SF
TEMPORARY WETLAND IMPACT	[Hatched]	0 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Hatched]	0 SF
50' NO BUILD ZONE IMPACT	[Hatched]	0 SF
100' WETLAND BUFFER IMPACT	N/A	300 SF

STATION 147+60-147+90 - 6" GRAVEL/CRUSHED STONE
 STATION 148+40-149+00 - 6" GRAVEL/CRUSHED STONE
 STATION 149+30-150+50 - REMOVE LARGE ROCKS



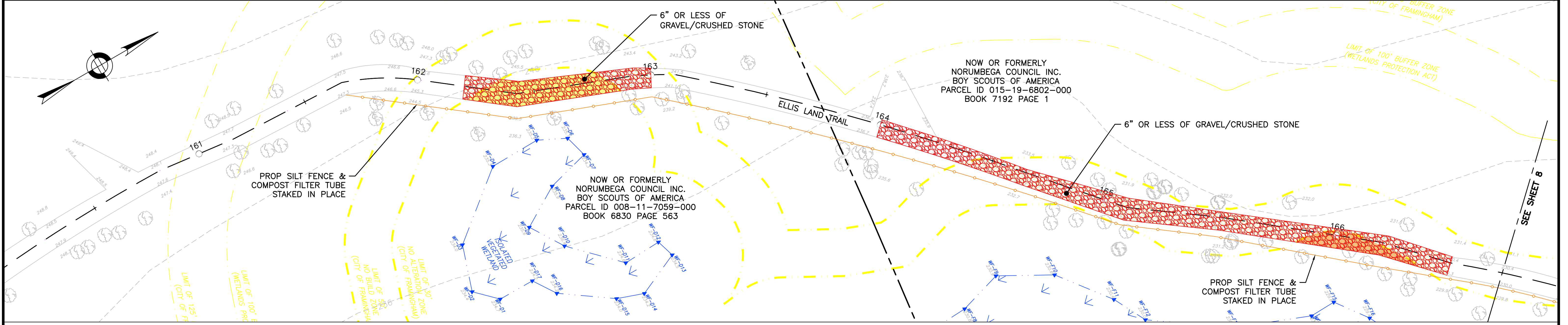
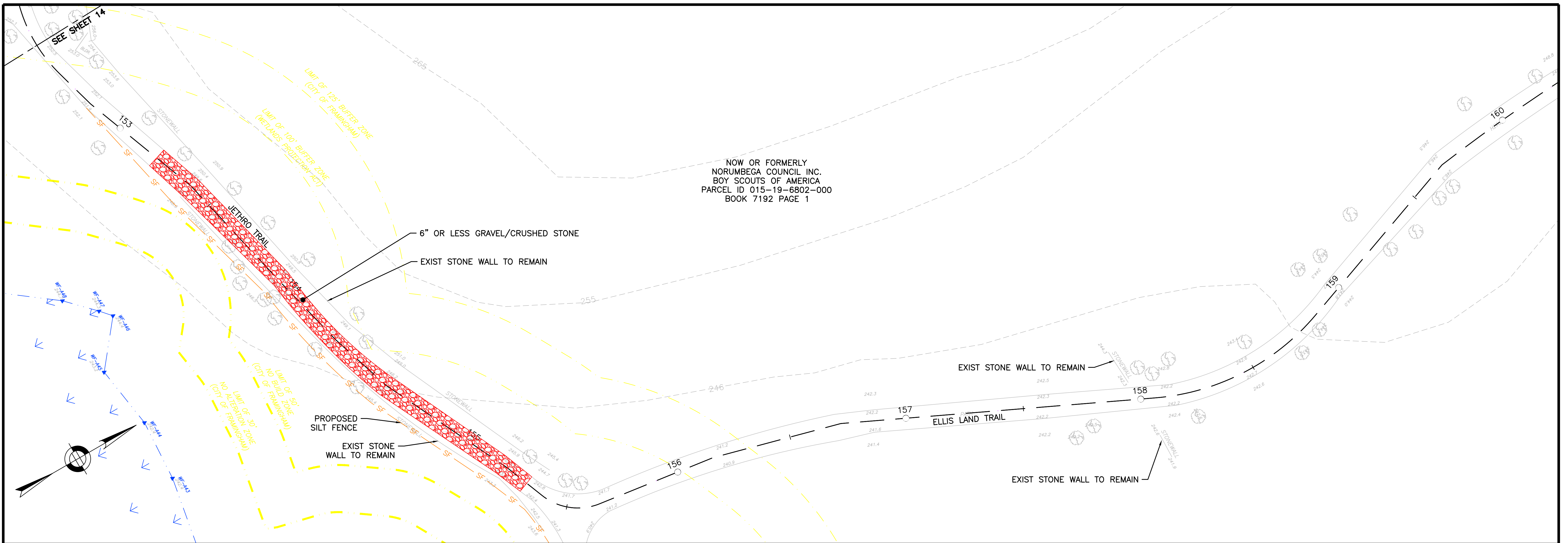
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**NOBSCOT SCOUT RESERVATION
 PERMITTING & CONSTRUCTION PLANS**

HSH PROJECT NUMBER	DATE	DRAWN BY	CHKD. BY	APPRVD. BY	SHEET NO.	TOTAL SHEETS
2016033.02	11/21/22	JBC	JD	REL	14	22





DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatch]	0 SF
TEMPORARY UPLAND IMPACT	[Hatch]	4,591 SF
PERMANENT WETLAND IMPACT	[Hatch]	0 SF
TEMPORARY WETLAND IMPACT	[Hatch]	0 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Hatch]	782 SF
50' NO BUILD ZONE IMPACT	[Hatch]	1,950 SF
100' WETLAND BUFFER IMPACT	N/A	4,591 SF

STATION 153+20-155+30 - 6" GRAVEL/CRUSHED STONE
 STATION 162+20-163+00 - 6" GRAVEL/CRUSHED STONE
 STATION 164+00-166+50 - 6" GRAVEL/CRUSHED STONE



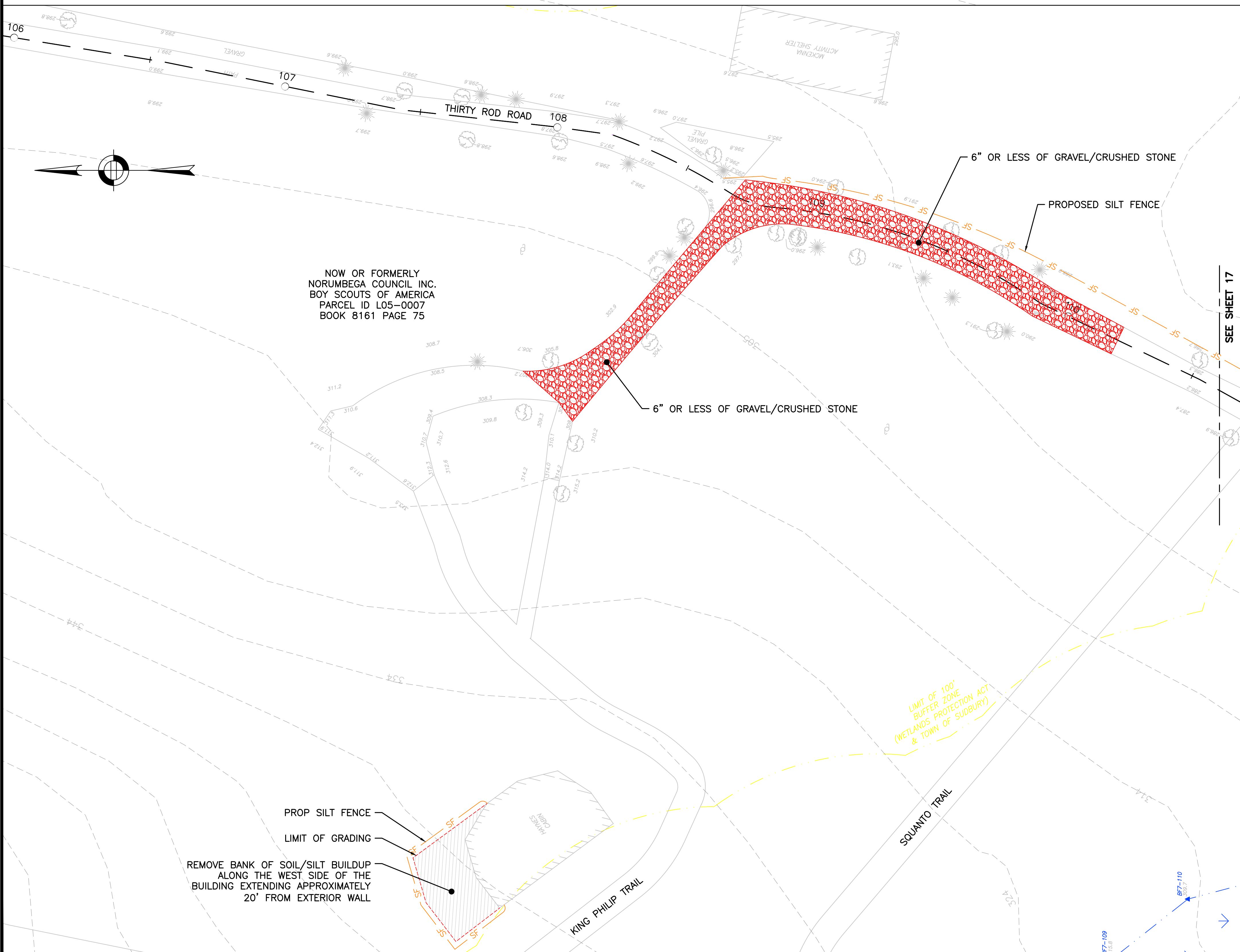
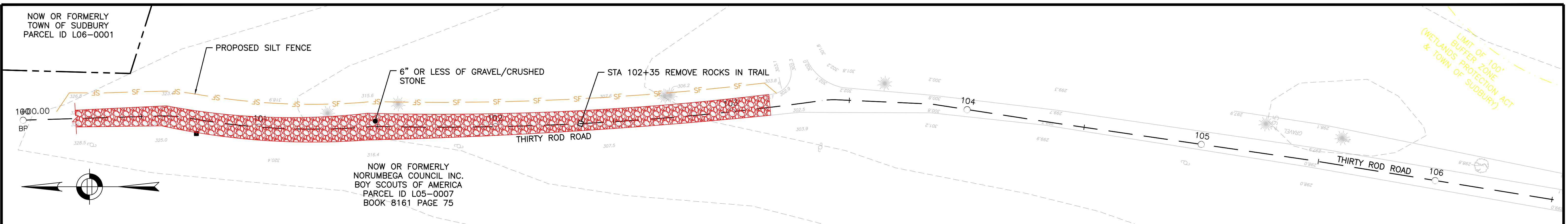
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HOWARD STEIN HUDSON
 11 Beacon Street, Suite 1010
 Boston, MA 02108
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**NOBSCOT SCOUT RESERVATION
 PERMITTING & CONSTRUCTION PLANS**

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2016033.02	11/21/22	JBC	JD	REL	15	22





STA 98+20-103+20 - 6" GRAVEL/CRUSHED STONE
 STA 108+70-110+20 - 6" GRAVEL/CRUSHED STONE

DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT		0 SF
TEMPORARY UPLAND IMPACT		6,340 SF
PERMANENT WETLAND IMPACT		0 SF
TEMPORARY WETLAND IMPACT		0 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT		N/A
50' NO BUILD ZONE IMPACT		N/A
100' WETLAND BUFFER IMPACT	N/A	0 SF



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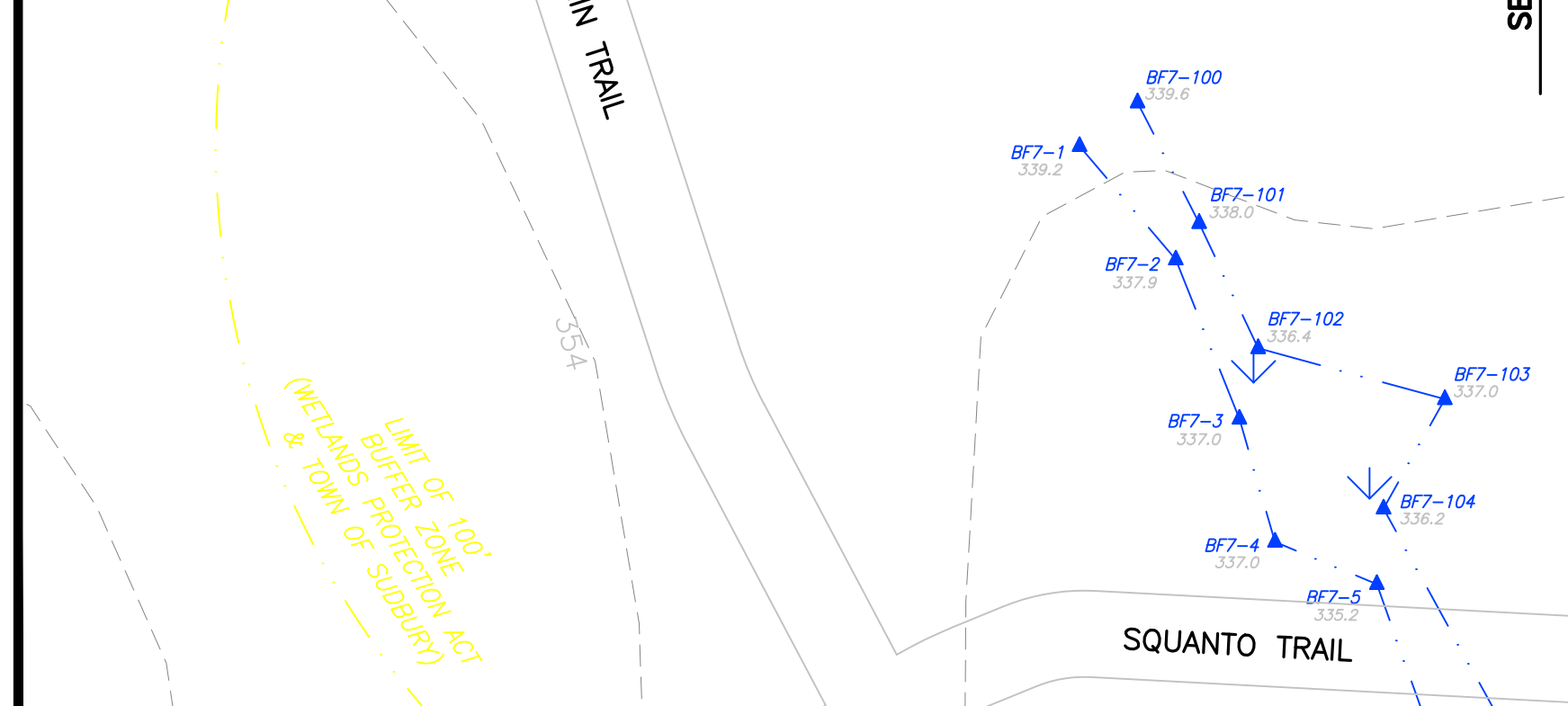
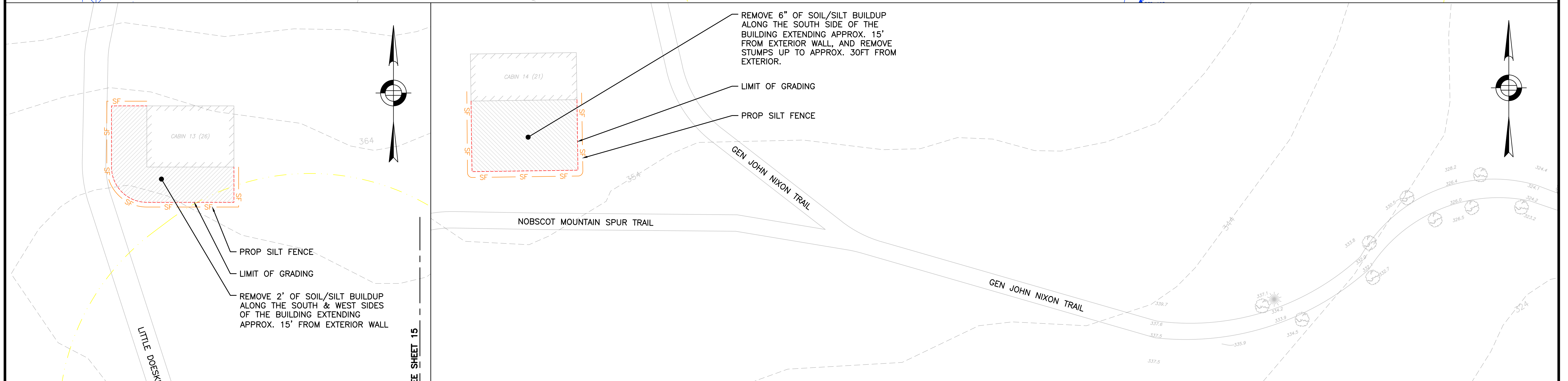
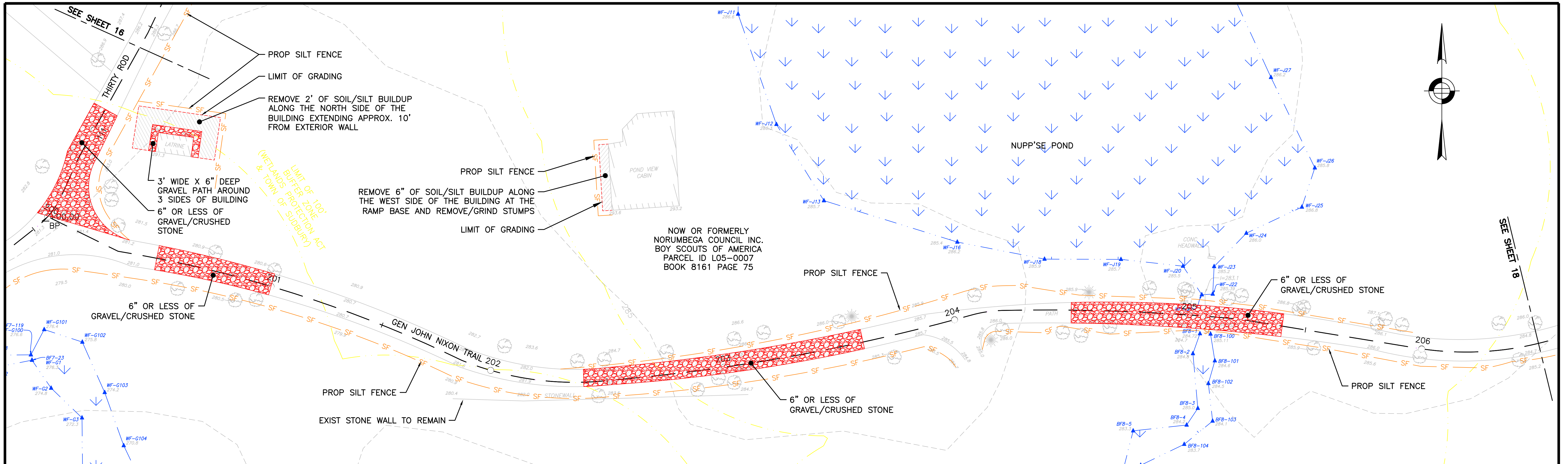


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HSH PROJECT NUMBER	DATE	DRAWN BY	CHKD. BY	APPRVD. BY	SHEET NO.	TOTAL SHEETS
2016033.02	11/21/22	JBC	JD	REL	16	22





DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT		0 SF
TEMPORARY UPLAND IMPACT		6,185 SF
PERMANENT WETLAND IMPACT		0 SF
TEMPORARY WETLAND IMPACT		0 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT		N/A
50' NO BUILD ZONE IMPACT		N/A
100' WETLAND BUFFER IMPACT	N/A	3,211 SF

STATION 110+90-111+40 - 6" GRAVEL/CRUSHED STONE
 STATION 200+50-201+00 - 6" GRAVEL/CRUSHED STONE
 STATION 202+40-203+60 - 6" GRAVEL/CRUSHED STONE
 STATION 204+50-205+40 - 6" GRAVEL/CRUSHED STONE

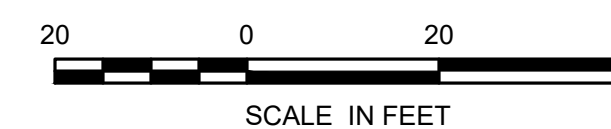


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HOWARD STEIN HUDSON
 11 Beacon Street, Suite 1010
 Boston, MA 02108
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NOBSCOT SCOUT RESERVATION PERMITTING & CONSTRUCTION PLANS

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2016033.02	11/21/22	JBC	JD	REL	17	22



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NORUMBEGA COUNCIL INC.
BOY SCOUTS OF AMERICA
PARCEL ID L05-0007
BOOK 8161 PAGE 75

NOW OR FORMERLY
NORUMBEGA COUNCIL INC.
BOY SCOUTS OF AMERICA
PARCEL ID L05-0007
BOOK 8161 PAGE 75

DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT		0 SF
TEMPORARY UPLAND IMPACT		11,175 SF
PERMANENT WETLAND IMPACT		0 SF
TEMPORARY WETLAND IMPACT		0 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT		N/A
50' NO BUILD ZONE IMPACT		N/A
100' WETLAND BUFFER IMPACT	N/A	4,402 SF

STATION 207+00-207+40 - 6" GRAVEL/CRUSHED STONE
 STATION 207+90-208+20 - 6" GRAVEL/CRUSHED STONE
 STATION 210+50-211+50 - 6" GRAVEL/CRUSHED STONE
 STATION 214+00-217+70 - 6" GRAVEL/CRUSHED STONE
 STATION 300+00-310+10 - 6" GRAVEL/CRUSHED STONE



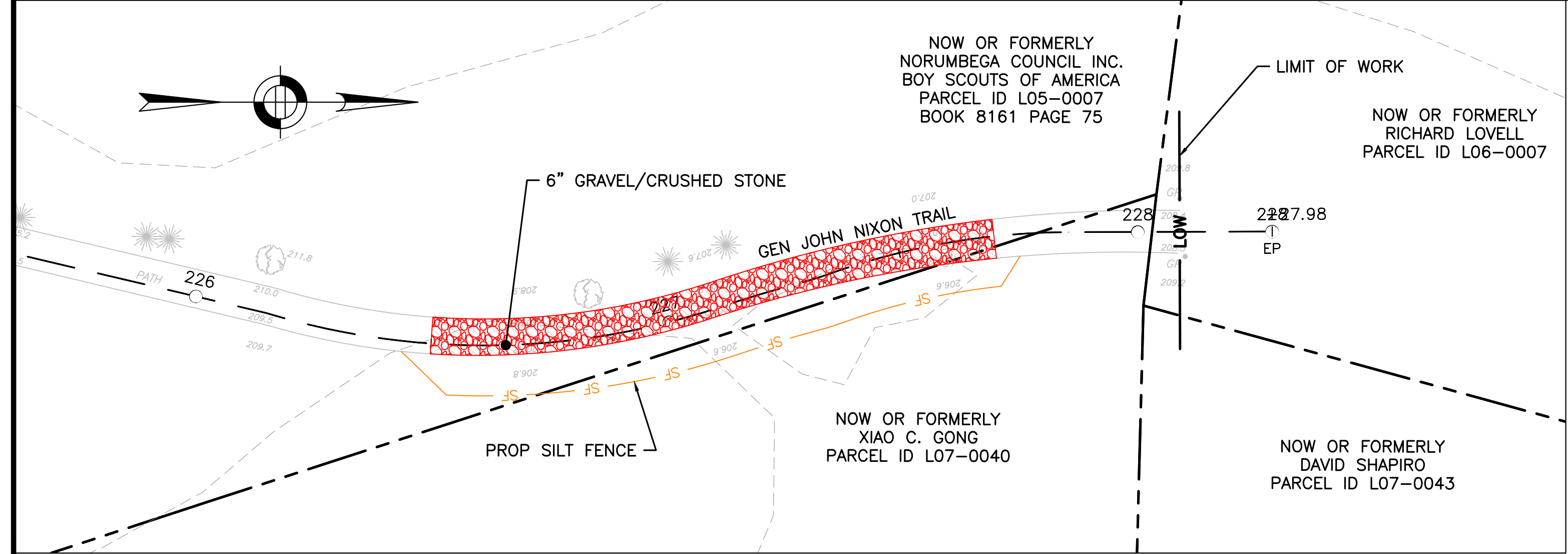
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**NOBSCOT SCOUT RESERVATION
 PERMITTING & CONSTRUCTION PLANS**

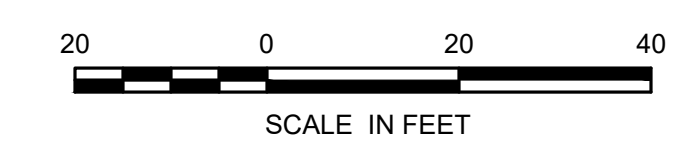
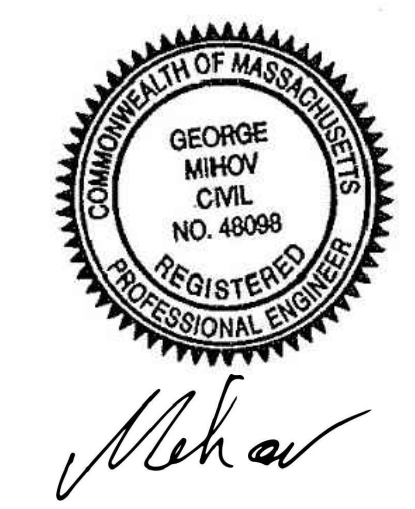
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2016033.02	11/21/22	JBC	JD	REL	18	22





DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatch]	0 SF
TEMPORARY UPLAND IMPACT	[Hatch]	3,513 SF
PERMANENT WETLAND IMPACT	[Hatch]	0 SF
TEMPORARY WETLAND IMPACT	[Hatch]	0 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Hatch]	N/A
50' NO BUILD ZONE IMPACT	[Hatch]	N/A
100' WETLAND BUFFER IMPACT	N/A	0 SF

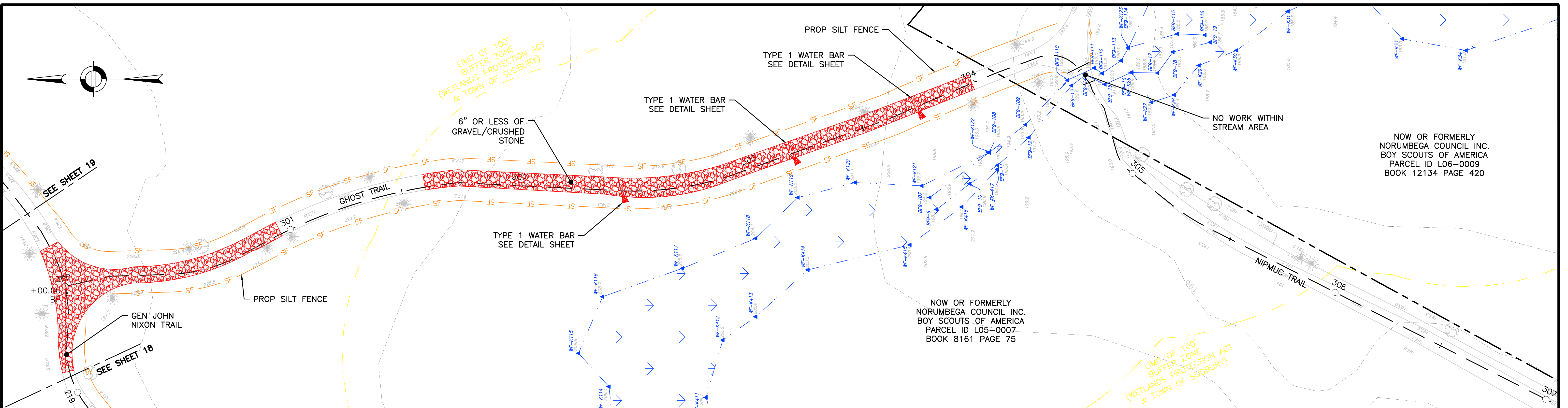
STATION 220+30-223+80 - 6" GRAVEL/CRUSHED STONE
 STATION 226+50-227+70 - 6" GRAVEL/CRUSHED STONE



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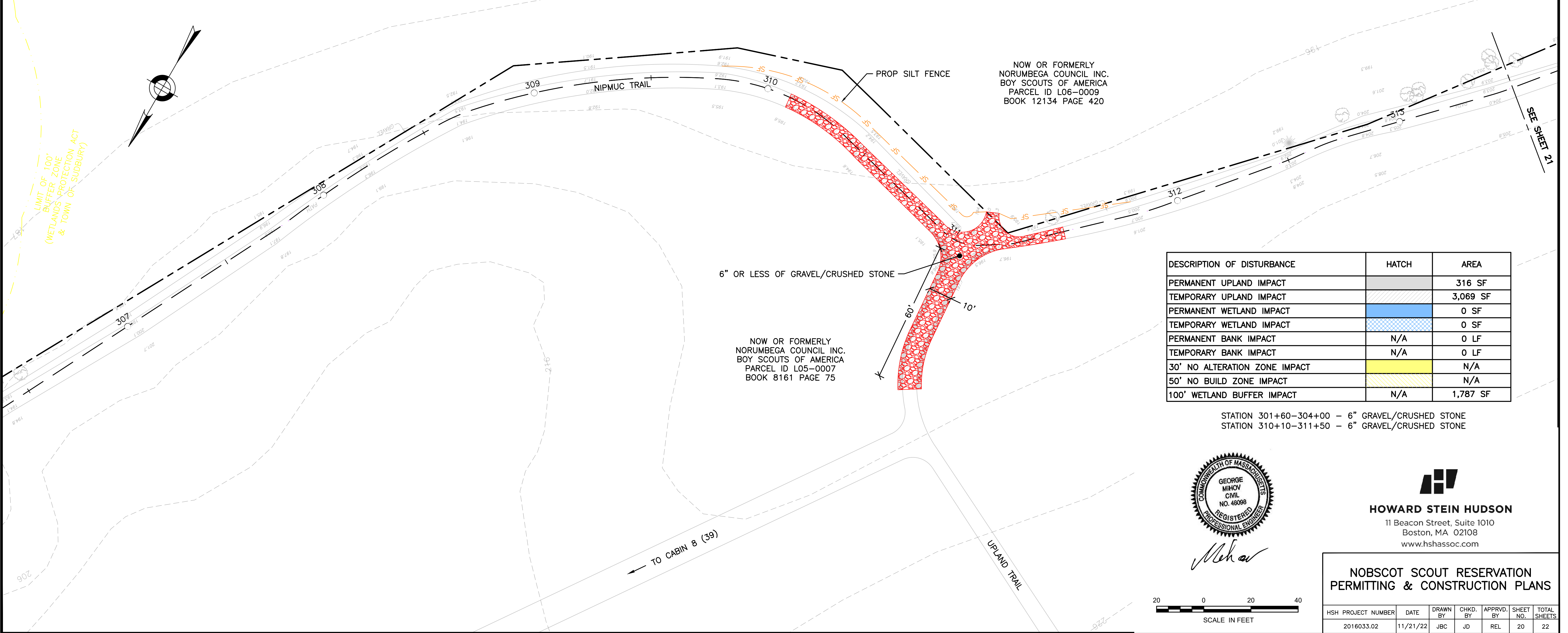
**NOBSCOT SCOUT RESERVATION
 PERMITTING & CONSTRUCTION PLANS**

HSH PROJECT NUMBER	DATE	DRAWN BY	CHKD. BY	APPRVD. BY	SHEET NO.	TOTAL SHEETS
2016033.02	11/21/22	JBC	JD	REL	19	22



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PARCEL ID L06-0009
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PARCEL ID L05-0007
BOOK 8161 PAGE 75

DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Solid Grey Hatch]	316 SF
TEMPORARY UPLAND IMPACT	[Diagonal Line Hatch]	3,069 SF
PERMANENT WETLAND IMPACT	[Blue Stippled Hatch]	0 SF
TEMPORARY WETLAND IMPACT	[Blue Stippled Hatch]	0 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	0 LF
30' NO ALTERATION ZONE IMPACT	[Yellow Hatch]	N/A
50' NO BUILD ZONE IMPACT	[Yellow Hatch]	N/A
100' WETLAND BUFFER IMPACT	N/A	1,787 SF

STATION 301+60-304+00 - 6" GRAVEL/CRUSHED STONE
STATION 310+10-311+50 - 6" GRAVEL/CRUSHED STONE

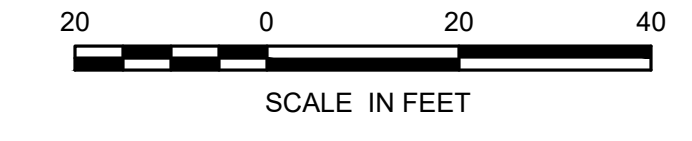


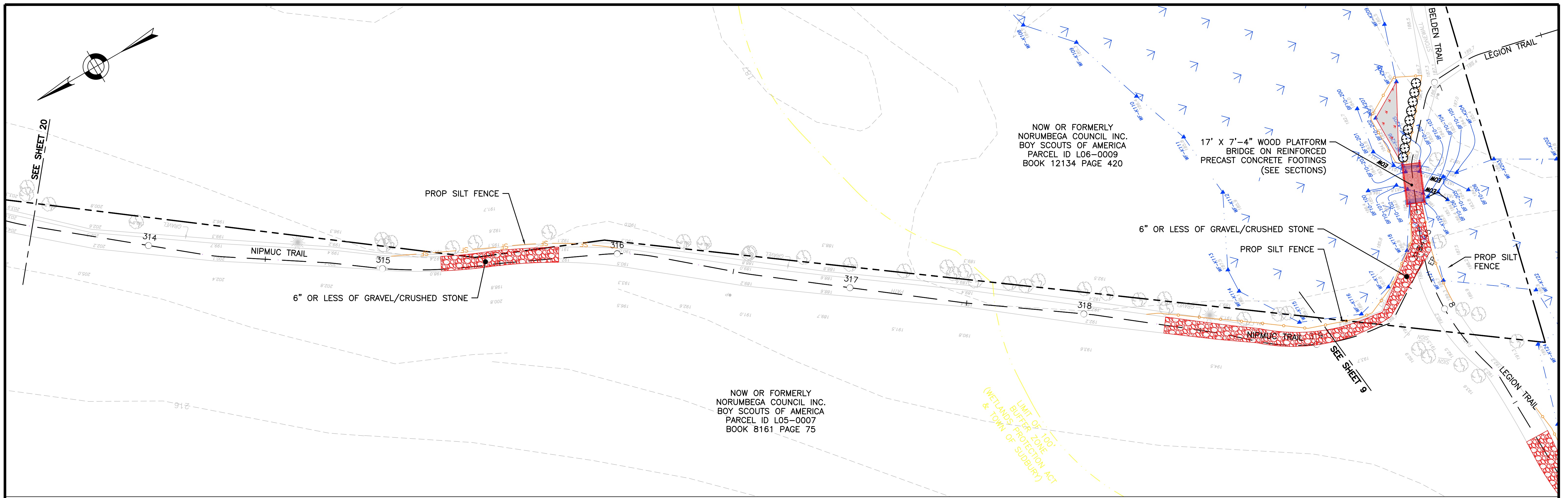
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**NOBSCOT SCOUT RESERVATION
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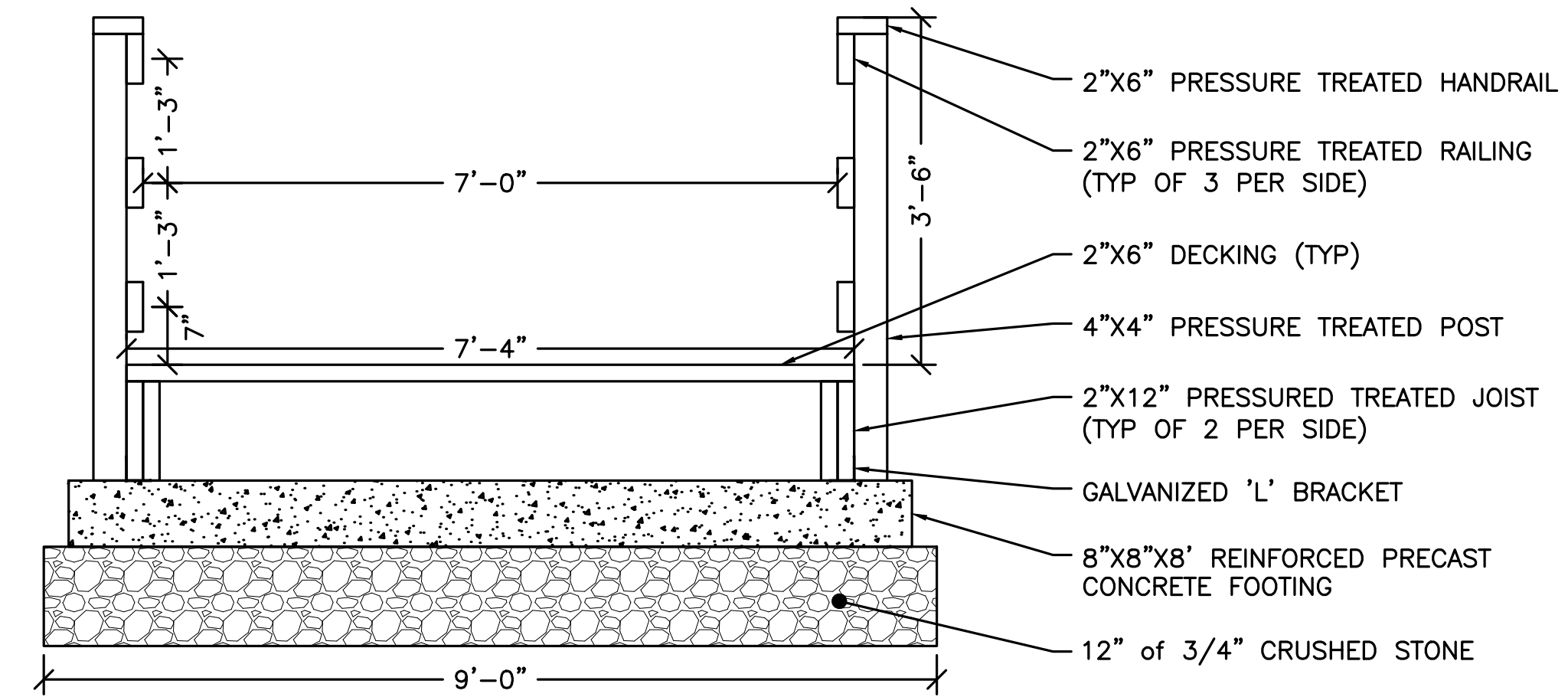
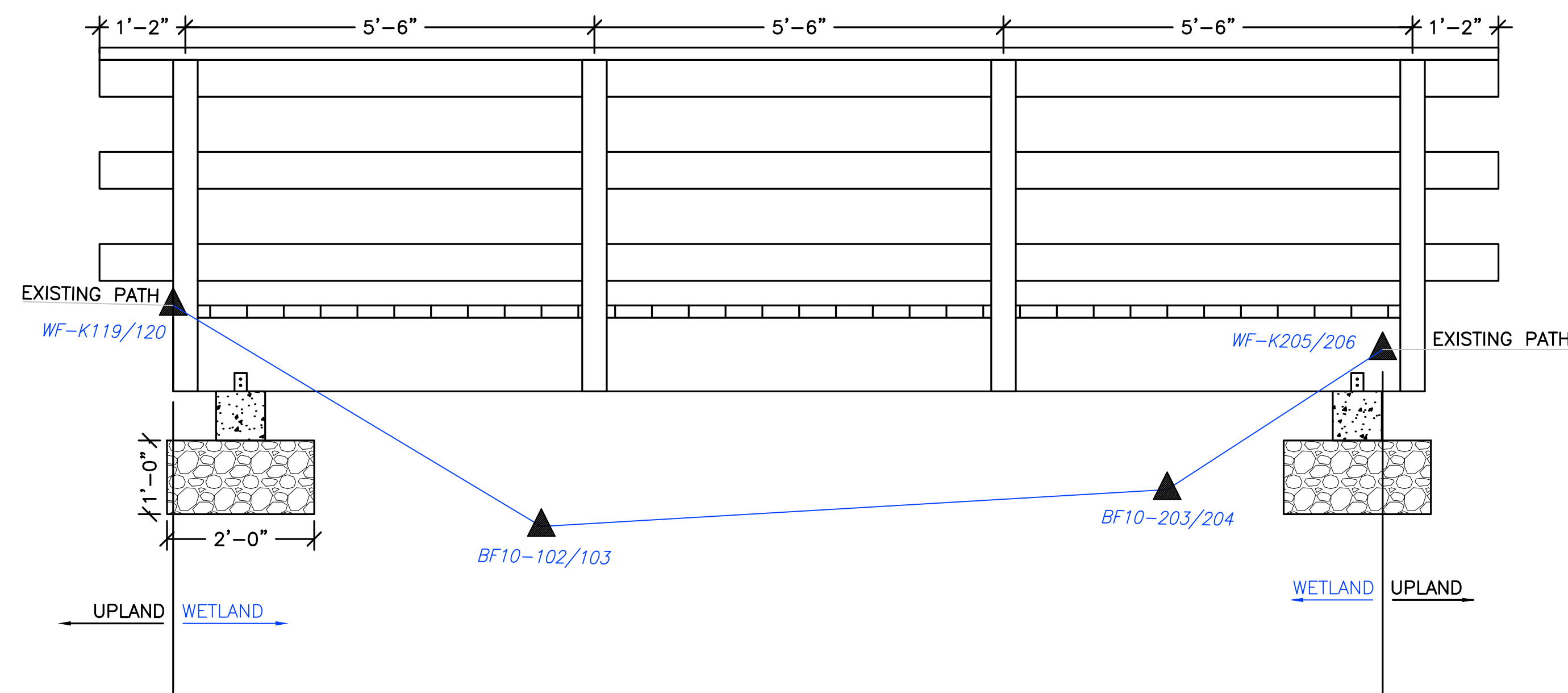
HSH PROJECT NUMBER	DATE	DRAWN BY	CHKD. BY	APPRVD. BY	SHEET NO.	TOTAL SHEETS
2016033.02	11/21/22	JBC	JD	REL	20	22





STATION 7+53-7+78 - 6" GRAVEL/CRUSHED STONE
 STATION 315+25-315+75 - 6" GRAVEL/CRUSHED STONE
 STATION 318+25-319+65 - 6" GRAVEL CRUSHED STONE

DESCRIPTION OF DISTURBANCE	HATCH	AREA
PERMANENT UPLAND IMPACT	[Hatched]	0 SF
TEMPORARY UPLAND IMPACT	[Hatched]	786 SF
PERMANENT WETLAND IMPACT	[Hatched]	0 SF
TEMPORARY WETLAND IMPACT	[Hatched]	34 SF
PERMANENT BANK IMPACT	N/A	0 LF
TEMPORARY BANK IMPACT	N/A	16 LF
30' NO ALTERATION ZONE IMPACT	[Hatched]	N/A SF
50' NO BUILD ZONE IMPACT	[Hatched]	N/A
100' WETLAND BUFFER IMPACT	N/A	470 SF



BELDEN BRIDGE SECTIONS
 NOT TO SCALE



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2016033.02	11/21/22	JBC	JD	REL	21	22





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 11 Beacon Street, Suite 1010
 Boston, MA 02108
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PREPARED FOR:
 KNOX TRAIL COUNCIL
 BOY SCOUTS OF AMERICA
 490 UNION AVENUE
 FRAMINGHAM, MA 01702

**NOBSCOT SCOUT
 RESERVATION TRAIL
 PROJECT**
 FRAMINGHAM AND SUDBURY, MA
 WORCESTER COUNTY

REVISIONS:

NO	BY	DATE	DESCRIPTION

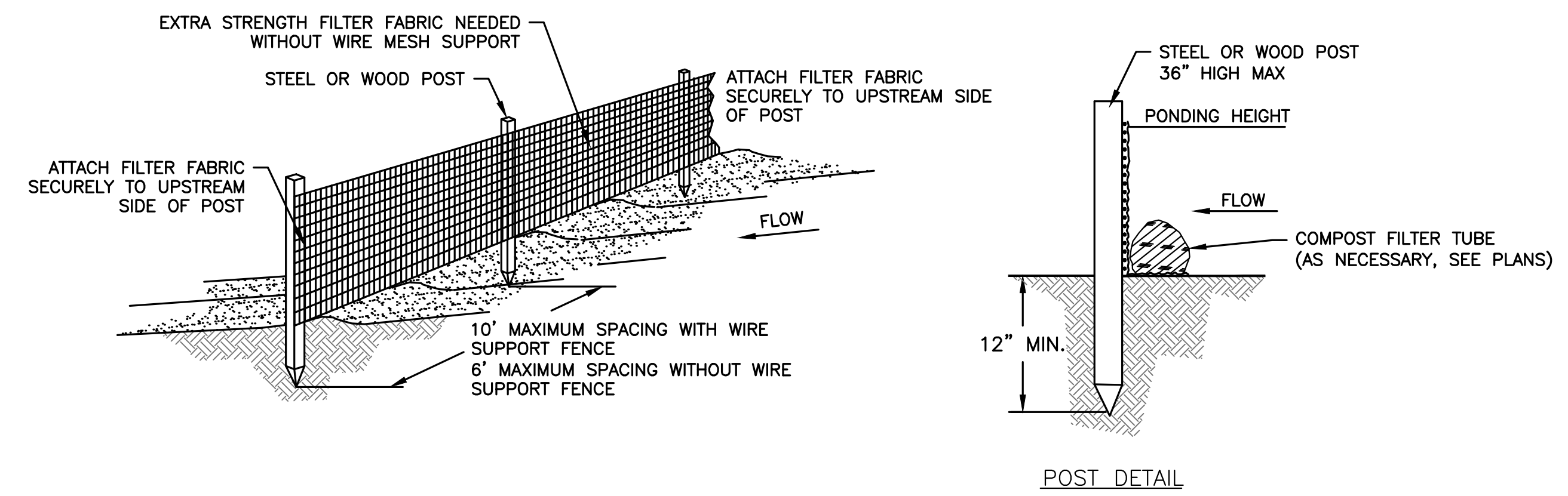
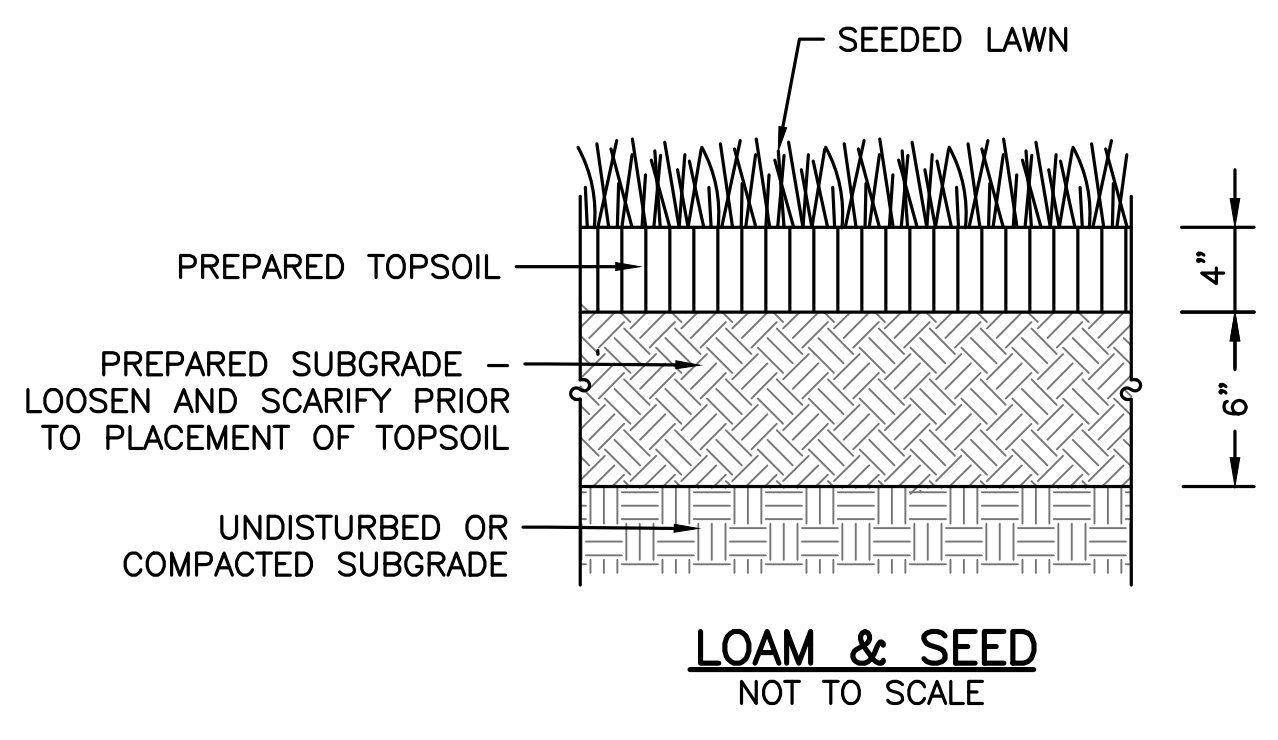


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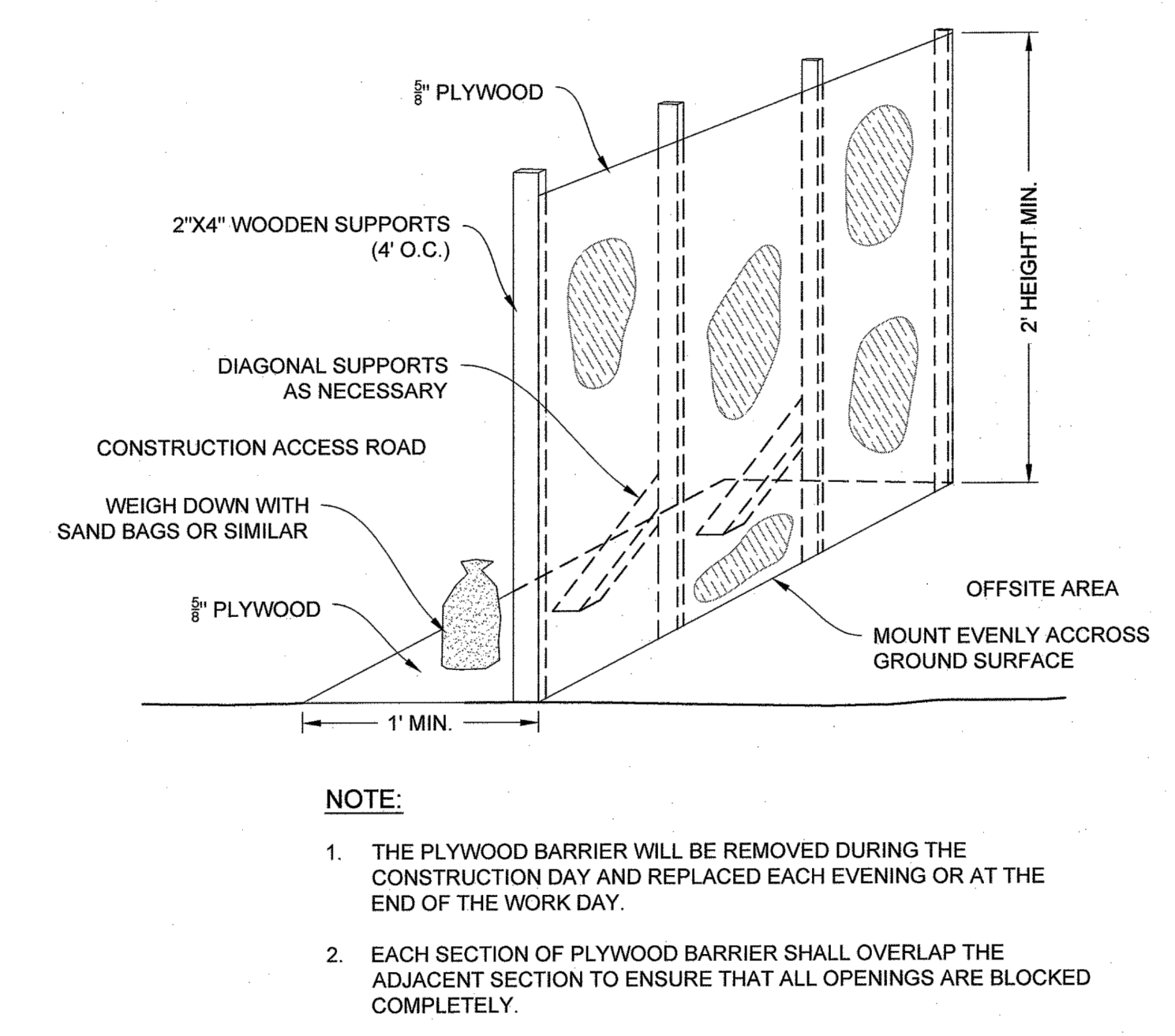
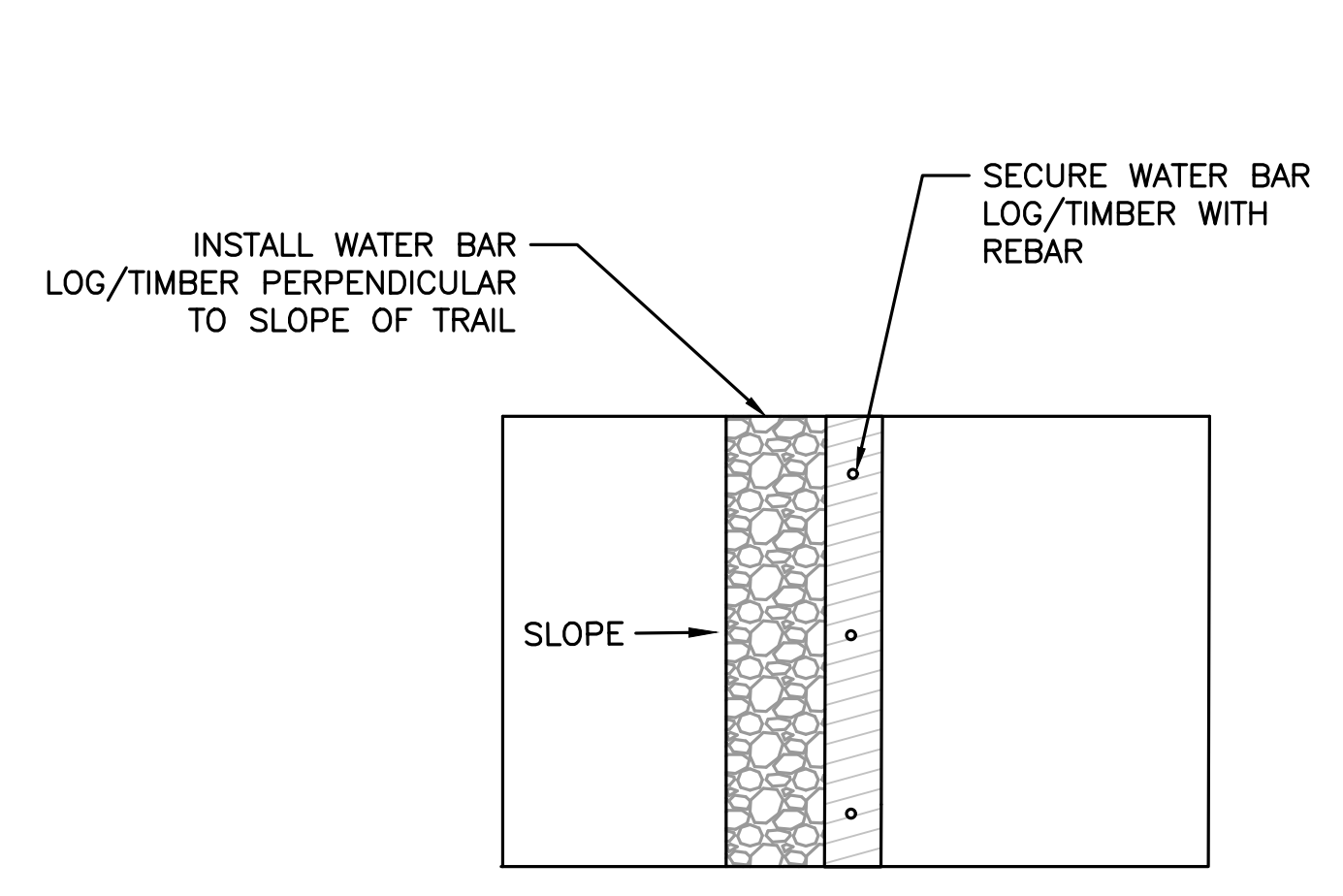
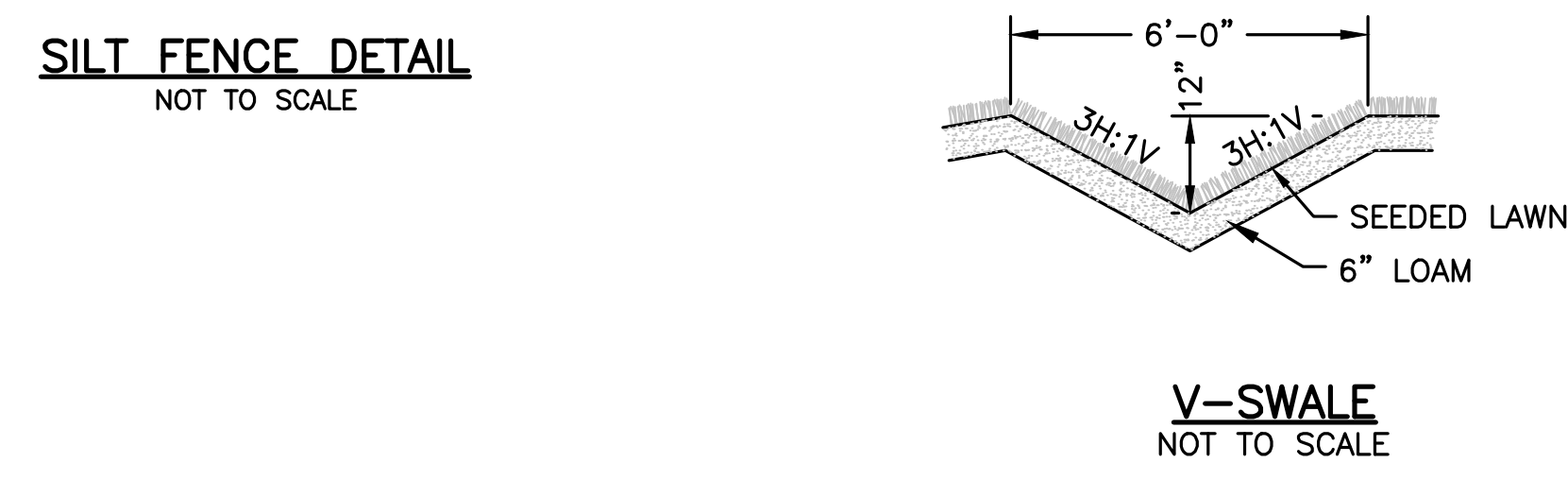
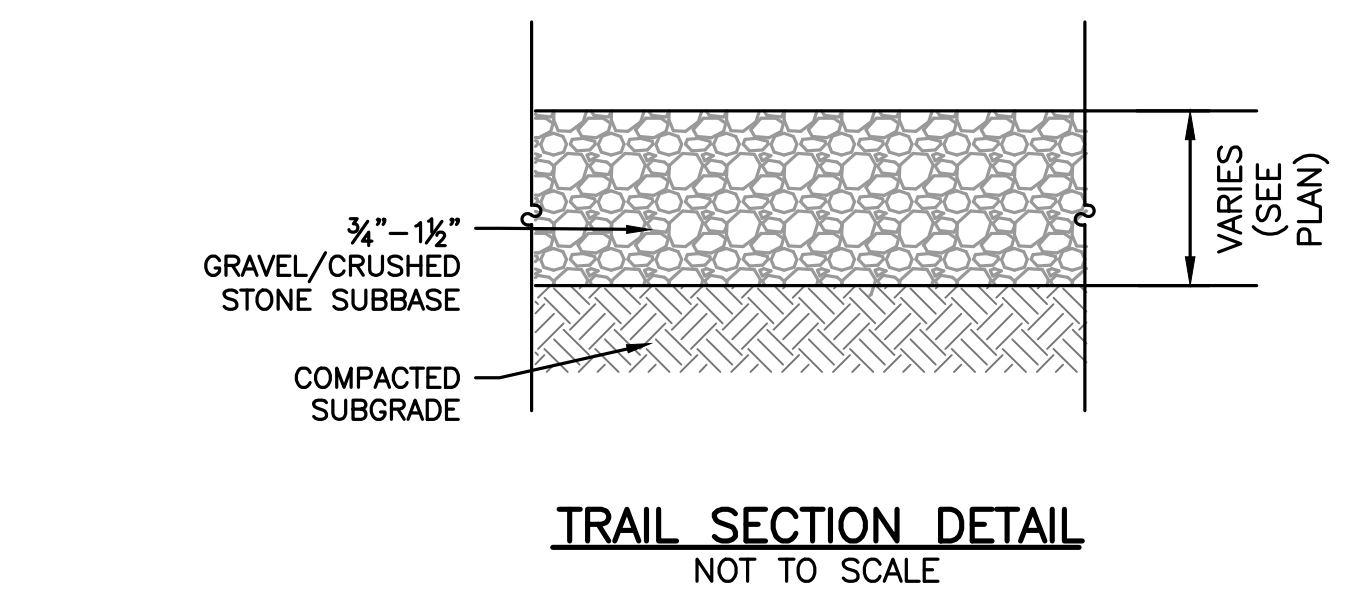
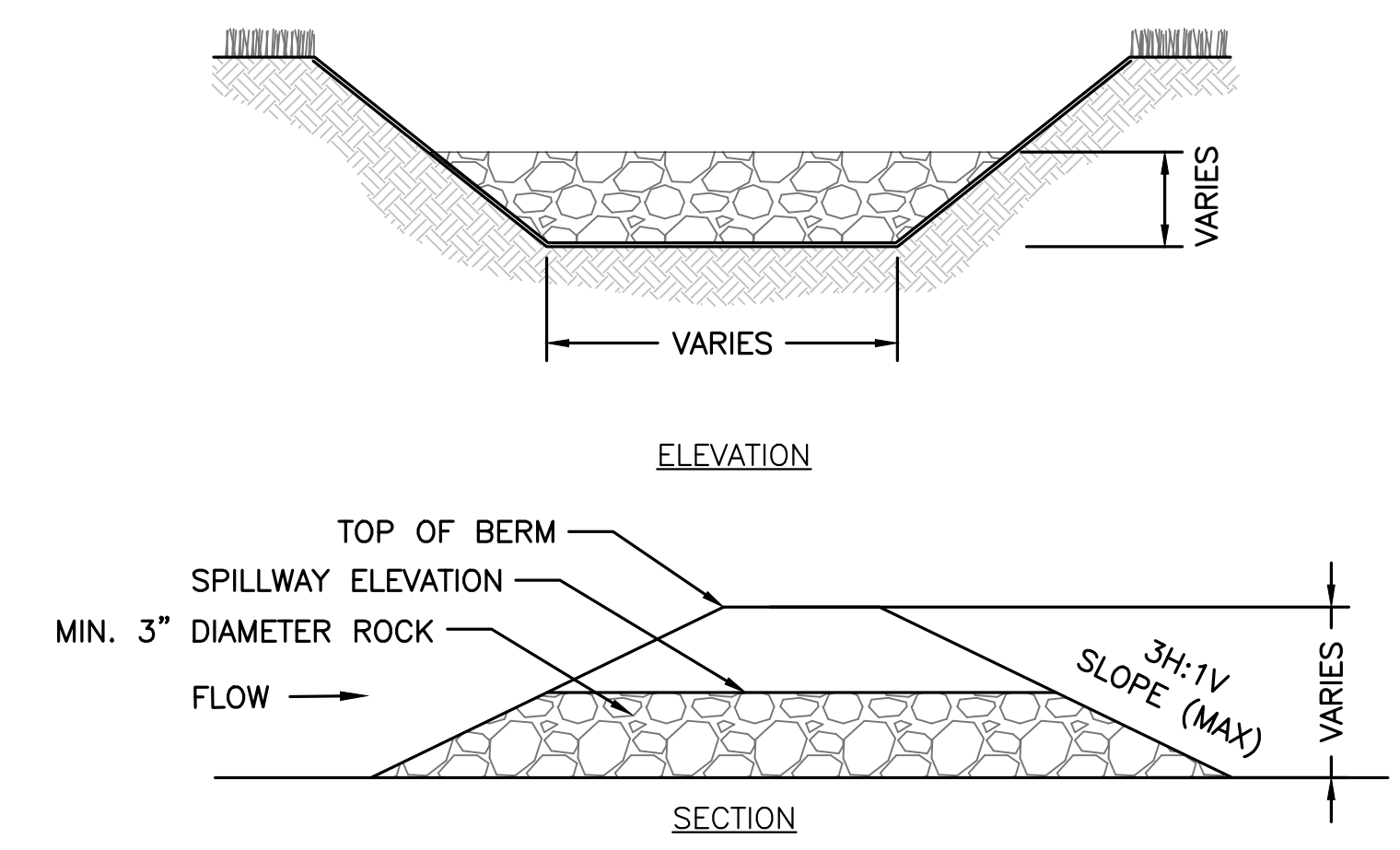
NOTICE OF INTENT
 PERMIT SET

DETAILS

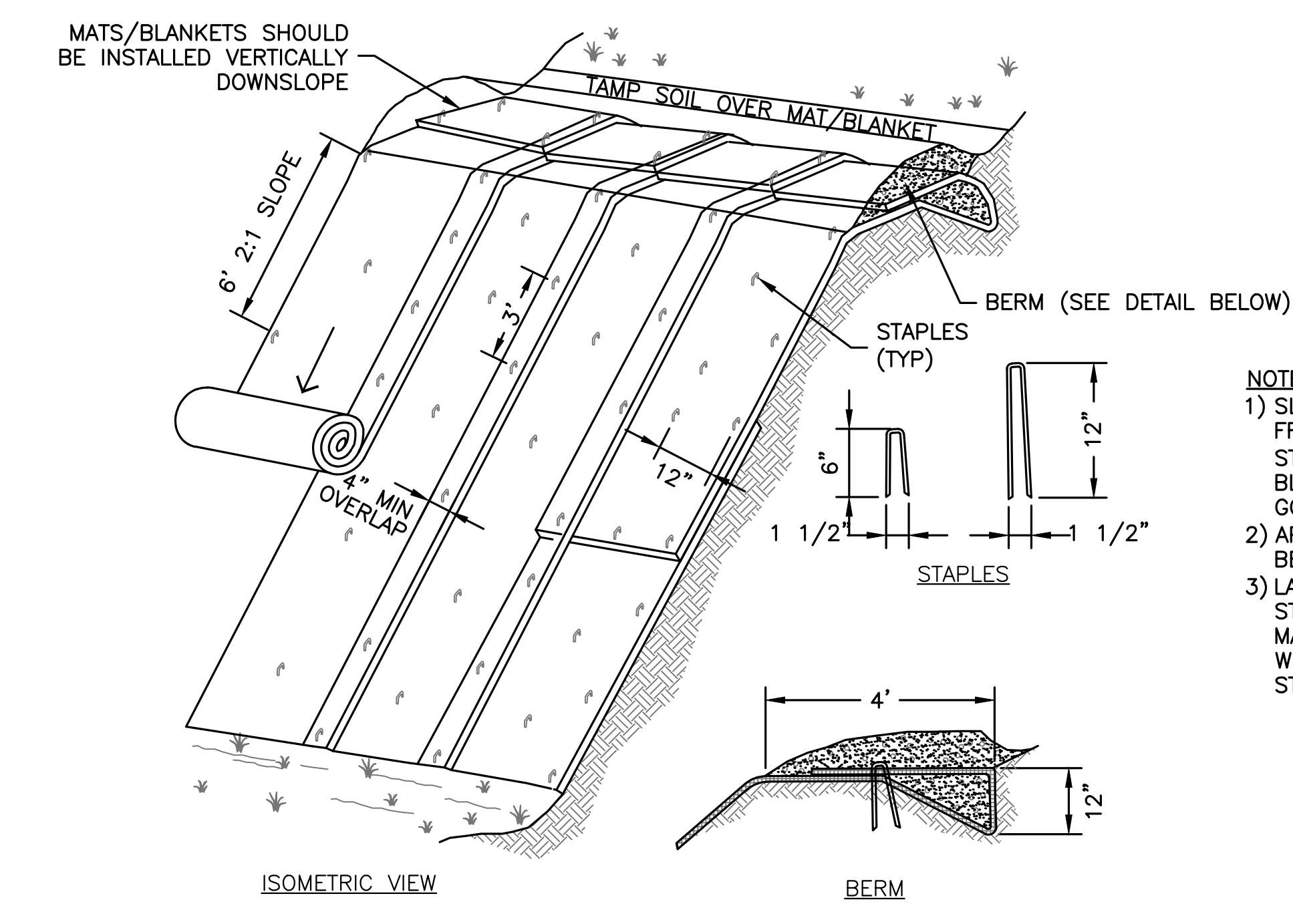
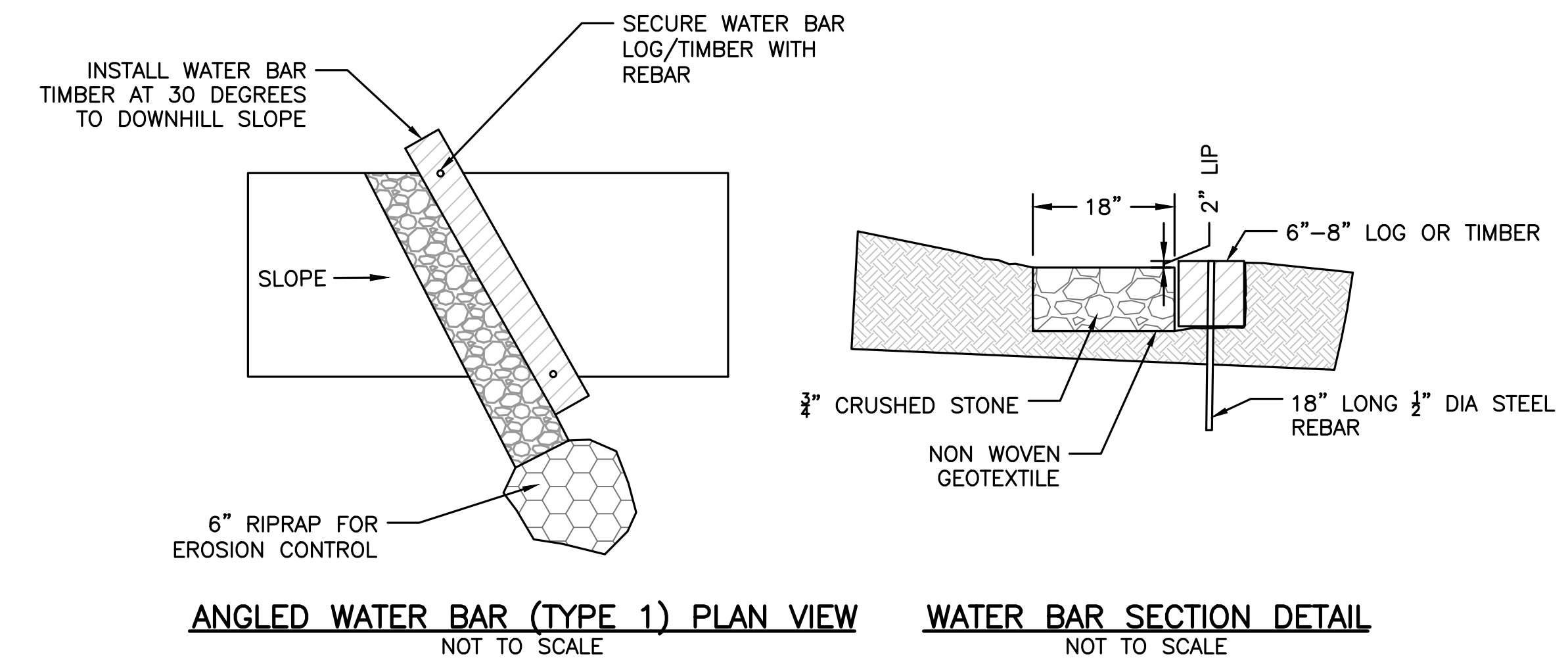
DATE:	11/21/2022
PROJECT NUMBER:	16033.02
DESIGNED BY:	JBC
DRAWN BY:	JBC
CHECKED BY:	REL



NOTES:
 1. ALL SILT FENCE SHALL BE PLACED AROUND ALL MATERIAL STOCKPILE AREAS AND MAINTAINED AT STAGING AREAS TO ASSURE NO SILTATION INTO ADJACENT WETLANDS OR ONTO PUBLIC OR PRIVATE WAYS OR PROPERTY.



NOTE:
 1. THE PLYWOOD BARRIER WILL BE REMOVED DURING THE CONSTRUCTION DAY AND REPLACED EACH EVENING OR AT THE END OF THE WORK DAY.
 2. EACH SECTION OF PLYWOOD BARRIER SHALL OVERLAP THE ADJACENT SECTION TO ENSURE THAT ALL OPENINGS ARE BLOCKED COMPLETELY.



NOTES:
 1) SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
 2) APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
 3) LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.

