

LEGEND

	PROPERTY LINE
	EASEMENT LINE
	LIMIT OF WORKSPACE BOUNDARY
	PRIMARY WORKSPACE
	SECONDARY WORKSPACE
	PERMANENT IMPACTS TO DELINEATED WETLAND
	100 YEAR FLOOD ZONE "A" BOUNDARY
	DELINEATED WETLANDS
	100' WETLAND BUFFER
	25' WETLAND BUFFER
	DEP OFF-SITE WETLAND
	165' CONTOUR LINE
	DHW OVERHEAD WIRE
	GAS GAS LINE
	TREE LINE
	EDGE OF PAVEMENT
	UTILITY POLE
	HYDRANT
	WATER VALVE
	GAS VALVE
	SEWER MANHOLE
	GAS MARKER
	WETLAND FLAG

NOTES

1. THIS PLAN REFERENCES EXISTING CONDITIONS AND PROPERTY BOUNDARY SURVEY, DWG. # K-1-SYSY-P=1000, TITLED: TRACT K-1-34A/B K-1 SYSTEM INSPECTION PORT. PREPARED BY VANASSE HANGEN BRUSTLIN, INC.
2. WETLAND DELINEATION BY SWCA ENVIRONMENTAL CONSULTANT ON MARCH 1, 2023 AND APRIL 28, 2023.

PROJECT DEVELOPMENT DETAILS

PERMITTING METRICS	SQUARE FOOTAGE	ACRES
Total Project Area (AKA Workspace)	27,441	0.63
Project Area within 100' Buffer Zone	15,570	0.36
Project Area within 25' Buffer Zone	11,478	0.26
Existing Impervious In Project Area	5,601	0.13
Existing Impervious Within 100' Buffer Zone	4,222	0.10
Existing Impervious Within 25' Buffer Zone	3,770	0.09
Total Proposed Facility and Access/Parking Footprint	1,032	0.02
Total Proposed Impervious - Facility and Access/Parking	424	0.01
Proposed Impervious within 25' Buffer Zone	302	0.007
Proposed Impervious within Delineated Wetland	122	0.003
Total Pervious - Facility and Access/Parking Footprint	608	0.01
Proposed Pervious within 25' Buffer Zone	251	0.006
Proposed Pervious within Delineated Wetland	357	0.01
Total Permanent Impact to Delineated Wetland	479	0.01
Total Temporary Impact within 100' buffer (disturbance to be restored)	2,449	0.06
Total Temporary Impact within 25' buffer (disturbance to be restored)	3,879	0.09
Total Temporary Impact within Delineated Wetland (disturbance to be restored)	3,840	0.09

FILENAME: EN0048-C3_BURR-C-302-0002.DWG UPDATE: 5/18/23 TIME: 9:12 AM BLEBRUN

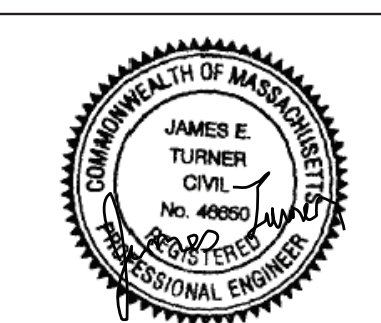
REV	DSN	CK	DESCRIPTION
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△	BRL	EMB	ISSUED FOR CONSTRUCTION (05-12-23)
△	REVISION	DATE	

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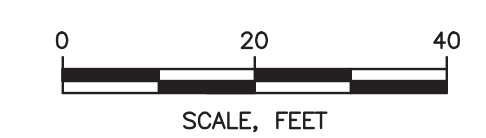
ENGINEERING APPROVALS			
DRAWN BY		CONSTRUCTION	
B. LEBRUN	05-12-23	B. ARSENAULT	05-12-23
E. BORDEN	05-12-23	E. BORDEN	05-12-23
E. BORDEN	05-12-23	E. BORDEN	05-12-23
SIGNATURE	DATE	SIGNATURE	DATE

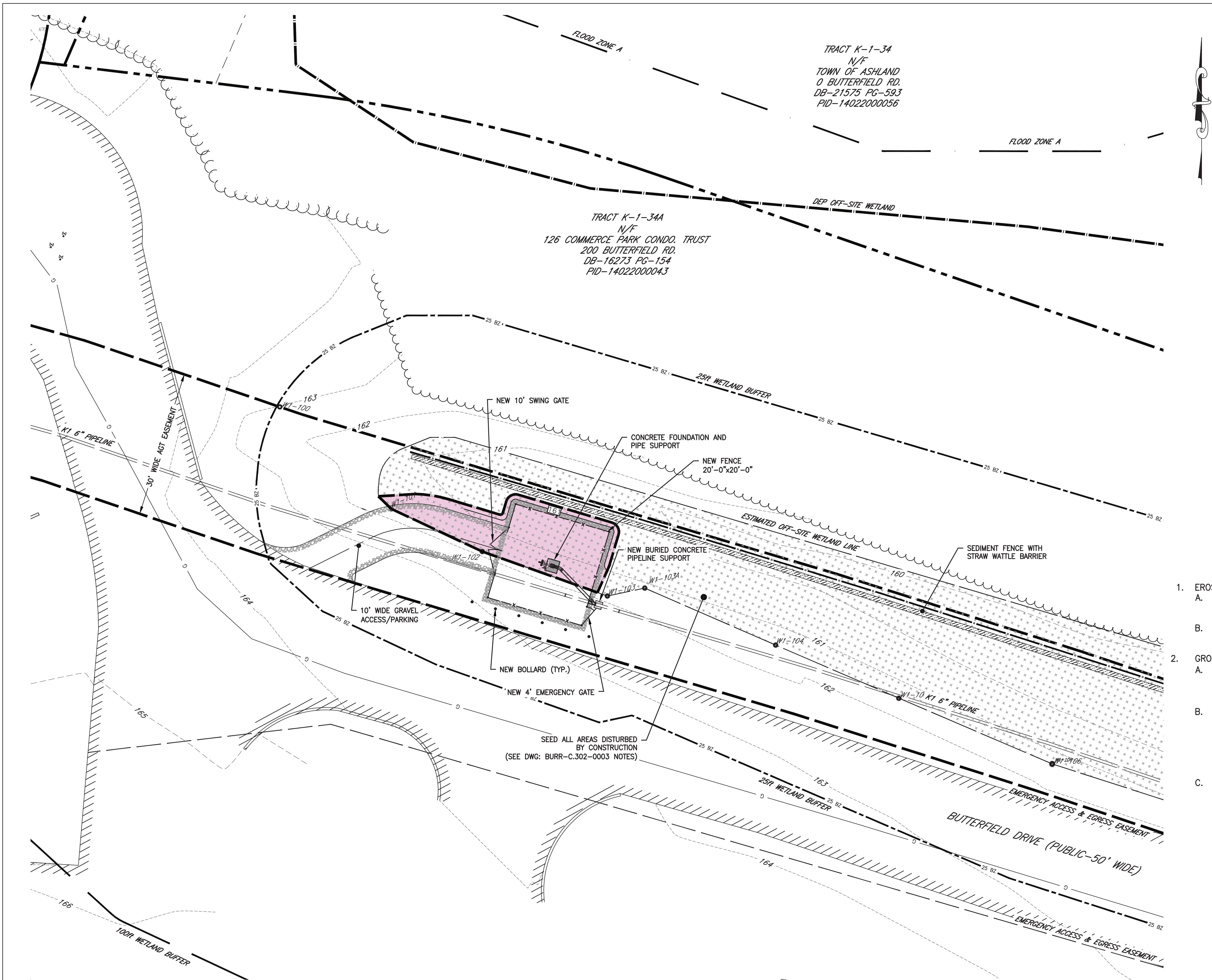
K-1 MAKE PIGGABLE PROJECT
 AGT - KSYS - EOLIN
 ALGONQUIN GAS TRANSMISSION
 WORKSPACE AND EROSION & SEDIMENT PLAN
 LOC. BUTTERFIELD DRIVE, ASHLAND, MA
 YEAR: 2023 WBS: MC.400264.111 SCALE: 1"=20'

ENBRIDGE
Algonquin Gas Transmission
 DWG. BURR-C.302-0002 REV. 0



SA PROJECT NO. 031-23-064
 BY: JET DATE 5/18/2023
 CHK'D: JET DATE 5/18/2023
 J. TURNER
 SA PROJECT MANAGER
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TRACT K-1-34
N/F
TOWN OF ASHLAND
0 BUTTERFIELD RD.
DB-21575 PG-593
PID-14022000056

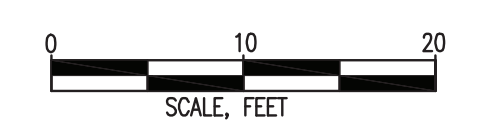
TRACT K-1-34A
N/F
126 COMMERCE PARK CONDO. TRUST
200 BUTTERFIELD RD.
DB-16273 PG-154
PID-14022000043

LEGEND

	PROPERTY LINE
	EASEMENT LINE
	PERMANENT IMPACTS TO DELINEATED WETLAND
	100 YEAR FLOOD ZONE A BOUNDARY
	DELINEATED WETLANDS
	SEDIMENT FENCE
	STRAW WATTLE
	DEP OFF-SITE WETLAND
	100' WETLAND BUFFER
	25' WETLAND BUFFER
	NEW FENCE
	CONTOUR LINE
	PROPOSED CONTOUR LINE
	OVERHEAD WIRE
	GAS LINE
	TREE LINE
	EDGE OF PAVEMENT
	WETLAND FLAG
	UTILITY POLE
	HYDRANT
	WATER VALVE
	GAS VALVE
	GAS MARKER
	SEWER MANHOLE
	NEW BOLLARD

NOTES

- EROSION AND SEDIMENT CONTROL:
 - FOR PLACEMENT LOCATIONS OF EROSION AND SEDIMENT CONTROL MEASURES REFERENCE DWG: BURR-C.302-0002.
 - AFTER CONSTRUCTION IS COMPLETE AND GROUND SURFACE STABILIZED, REMOVE ALL EROSION AND SEDIMENT CONTROLS AND ONLY WITH APPROVAL BY ASHLAND CONSERVATION COMMISSION STAFF.
- GROUND SURFACE FINISHES:
 - VALVE SITE SURFACE FINISH: PLACE 4 TO 6 INCHES OF 3/4" CLEAN CRUSHED STONE PLACED UPON SEPARATION GEOTEXTILE (MIRAFI 140) WITHIN FACILITY FENCE AND EXTENDING 1FT. EACH DIRECTION OUTSIDE FACILITY FENCE.
 - RESTORE DISTURBED AREAS WITHIN DELINEATED WETLANDS USING SUITABLE NATIVE SEED MIX, SUCH AS EROSION CONTROL MIX FOR MOIST SITES BY NEW ENGLAND WETLAND PLANTS, INC., OR OTHER MIX TO BE DETERMINED BY CERTIFIED WETLAND SCIENTIST IN CONSULTATION WITH ASHLAND CONSERVATION COMMISSION. DISTURBED AREAS WITHIN THE BUFFER ZONE WILL SEEDED WITH A SUITABLE EROSION CONTROL SEED MIX. WITH APPLICATION OF OTHER STABILIZING MEASURES, SUCH AS STRAW MULCH, IF NECESSARY.
 - RESTORE DISTURBED AREAS OUTSIDE DELINEATED WETLANDS TO MATCH PREVIOUSLY EXISTING SURFACES. APPLY A SUITABLE EROSION CONTROL SEED MIX, SUCH NEW ENGLAND CONSERVATION/WILDLIFE MIX BY NEW ENGLAND WETLAND PLANTS, INC. AND STABILIZING MEASURES, SUCH AS STRAW MULCH. ESTABLISH HEARTY GRASS COVER.



FILENAME: EN80048-C2_BURR-C.302-0003.DWG TIME: 1:36 PM BLEBRUN LAST UPDATE: 5/3/23

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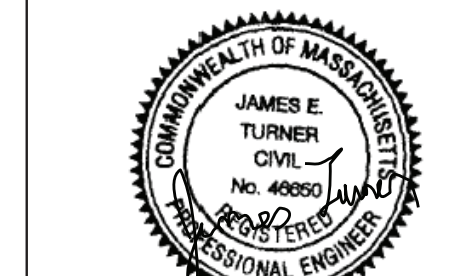
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DRAWN BY			
CHECKED BY			
DESIGN ENGINEER			
PROJECT MANAGER			
SIGNATURE	DATE	SIGNATURE	DATE

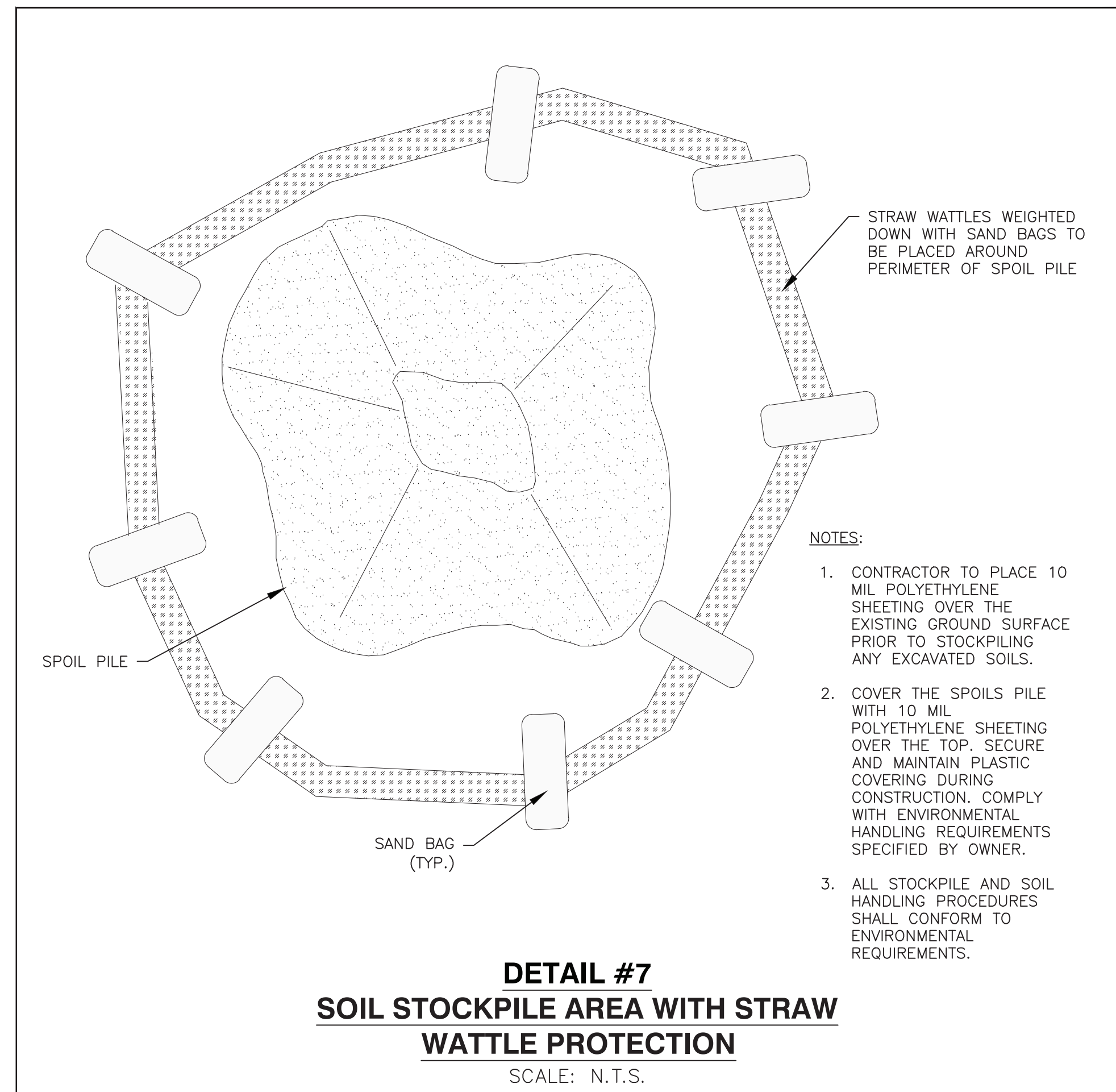
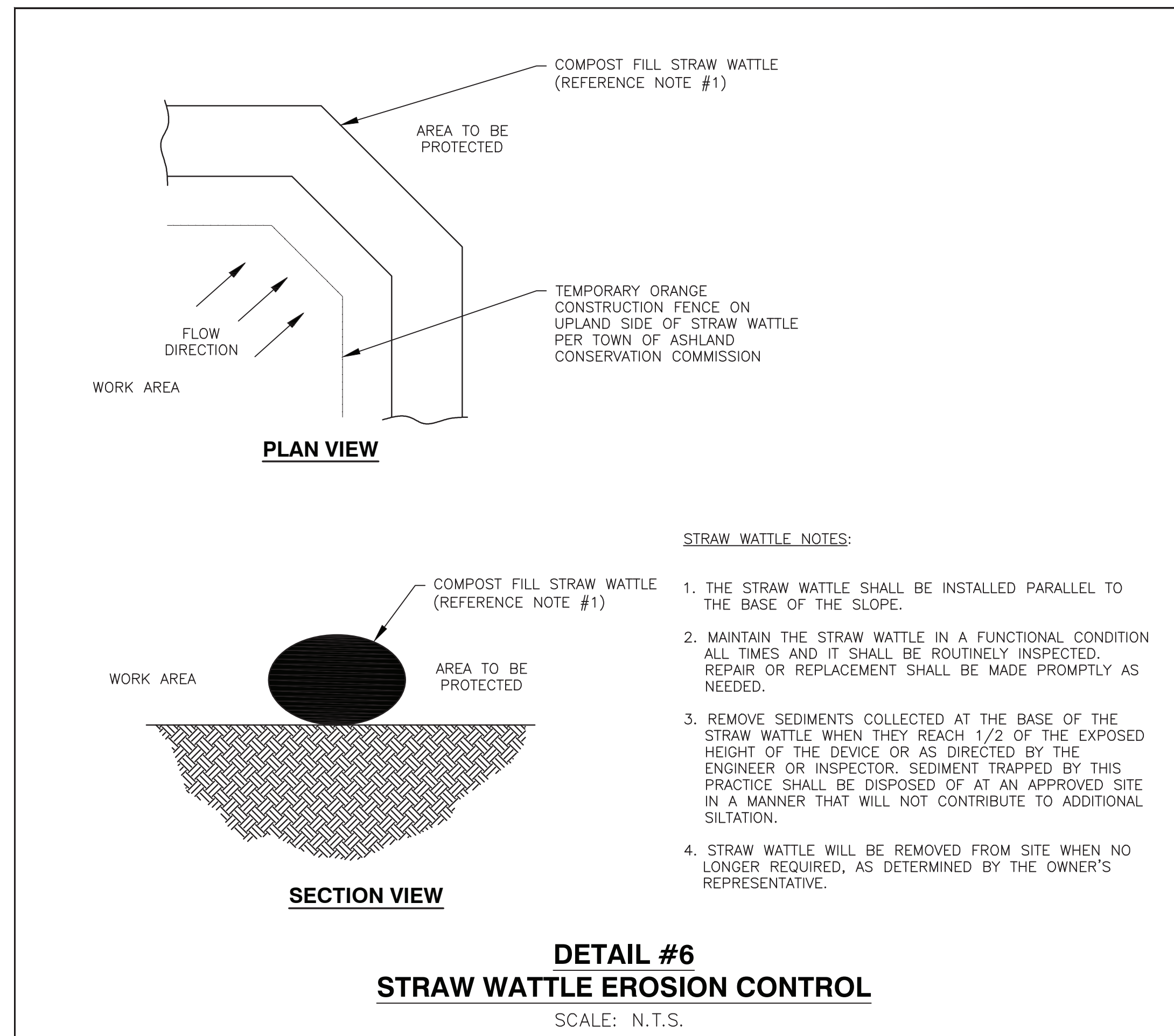
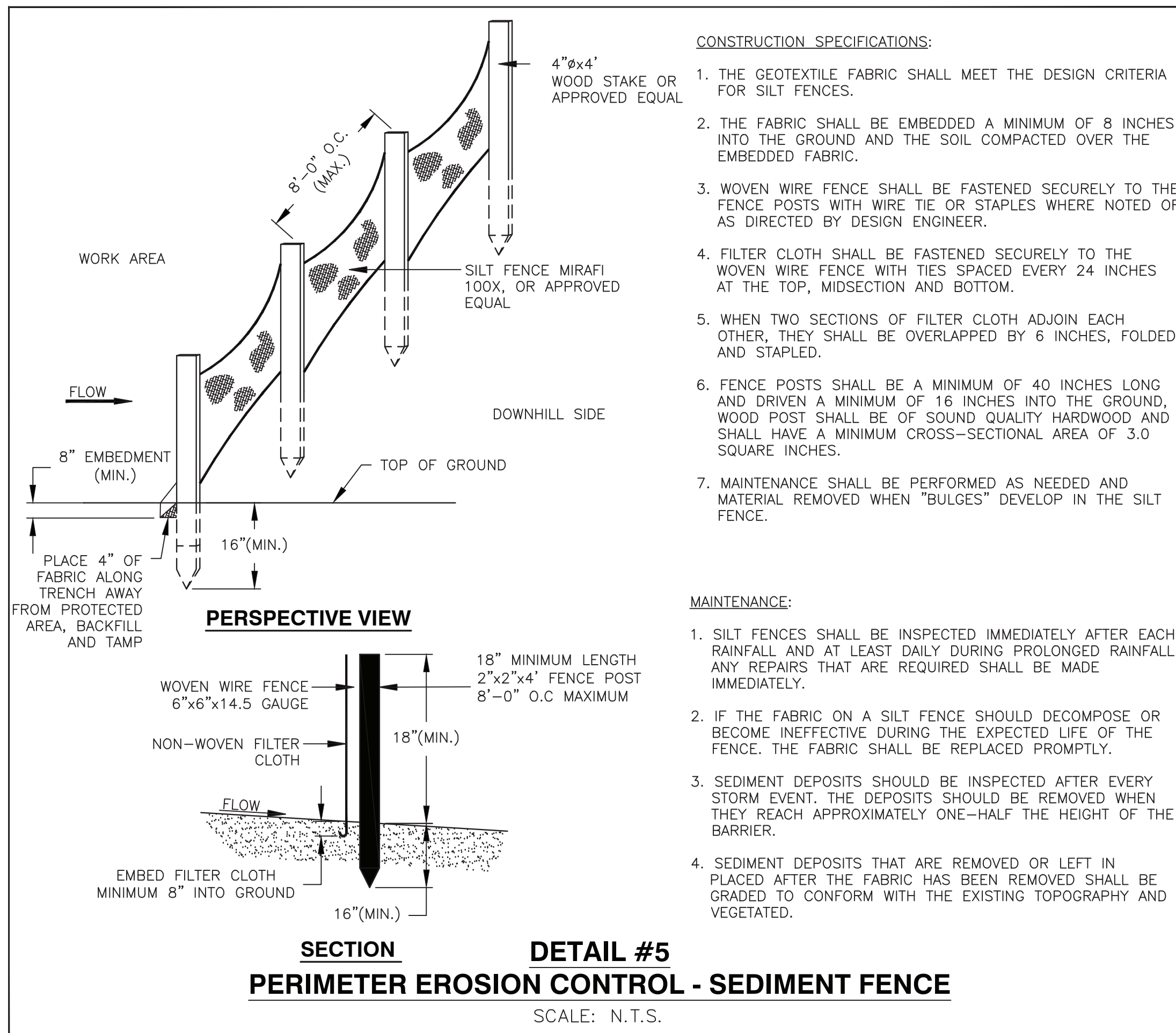
K-1 MAKE PIGGABLE PROJECT
AGT - KSYS - EOLIN
ALGONQUIN GAS TRANSMISSION
SITE AND WETLAND PLAN
LOC. BUTTERFIELD DRIVE, ASHLAND, MA
YEAR: 2023 WBS: MC.400264.111 SCALE: 1" = 10'

ENBRIDGE
Algonquin Gas Transmission
DWG. BURR-C3.02-0003 REV. 0

SA PROJECT NO. 031-23-064
By: JET DATE 5/3/2023
CHK'D: JET DATE 5/3/2023
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FILENAME: ENB0048-C4_BURR-C-320-0001_0002.DWG

TIME: 4:56 PM BLEBRUN

LAST UPDATE: 5/2/23

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ENGINEERING APPROVALS			
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DRAWN BY			
CHECKED BY			
DESIGN ENGINEER			
PROJECT MANAGER			
SIGNATURE	DATE	SIGNATURE	DATE

K-1 MAKE PIGGABLE PROJECT AGT - KSYS - EOLIN ALGONQUIN GAS TRANSMISSION SEDIMENT DETAILS			
LOC. BUTTERFIELD DRIVE, ASHLAND, MA			
YEAR: 2023	WBS: MC.400264.111	SCALE: NONE	DWG. BURR-C.320-0002

ENBRIDGE
Algonquin Gas Transmission

SA PROJECT NO. 031-23-064
By: JET DATE: 5/3/2023
CHK'D: JET DATE: 5/3/2023
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