

February 12, 2025

To: Parties on attached Service List

Re: Application for a Certificate of Public Good, pursuant to 30 V.S.A. § 248a

Applicant: Industrial Wireless Technologies, Inc. ("ITW")
Project: Construction of a Wireless Telecommunication Facility
Location: 440 Route 140, Tinmouth, VT;
Parcel 5-140-0402
Landowners: George Herrick, III and Paul E. Herrick

Dear Statutory Party:

This firm represents ITW. You are receiving this notification because ITW intends to file an application with the Public Utility Commission ("Commission"), under the provisions of 30 V.S.A. § 248a ("Section 248a"), for a Certificate of Public Good to allow the construction of a wireless telecommunications facility in the Town of Tinmouth, Vermont. The "Notice" provision of the Section 248a process, as amended, requires that:

The applicant must provide written notice, at least 60 days in advance of filing a Section 248a application, to the following entities:

- (a) the legislative bodies and municipal and regional planning commissions in the communities where the project will be located;
- (b) the Secretary of the Agency of Natural Resources;
- (c) the Agency of Transportation;
- (d) the Division for Historic Preservation;
- (e) the Commissioner of the Department of Public Service and its Director for Public Advocacy;
- (f) the Natural Resources Board...;
- (g) the landowners of record of property adjoining the project sites; and
- (h) the Public Utility Commission...

The application will be filed in accordance with the Order Adopting Revised Standards and Procedures Implementing 30 V.S.A. § 248a, issued by the Commission on January 18, 2023, ("Amended Order"), and the Standards and Procedures Applicable to Electronic Filing Using ePUC, eff. January 17, 2017 ("ePUC Procedures"). Copies of the Amended Order and ePUC Procedures are available on the web at <http://puc.vermont.gov> and from the Clerk of the Commission at puc.clerk@vermont.gov. Documents filed with the PUC are available electronically through the PUC's website at <http://epuc.vermont.gov/>.

Project Location

ITW intends to construct a telecommunications facility on an approximately 32.3-acre parcel of land owned by George Herrick, III and Paul E. Herrick at 440 Route 140, Tinmouth, VT. The Town of Tinmouth has designated this lot as Parcel 5-140-0402. The parcel in question contains an existing gravel pit. The Project is located in an undeveloped wooded area. Access is provided by a new access drive running off of the existing property access drive.

ITW refers to the project as "Tinmouth." The property owner has given ITW permission to proceed with this Application. The coordinates for the Project are latitude 43°27'0" North and longitude 73°02'25" West. See attached Permit Plans for visual depiction of the Project's location.

Project Description

ITW will create a 80' x 80' compound ("Compound") enclosed by an 8' high chain link fence, with a locked gate. ITW will construct a 160' above ground level ("AGL") telecommunications self-supporting lattice tower ("Tower") within the Compound.

ITW will mount five (5) thin, "whip" antennas ("Antennas") at the 160' AGL level of the Tower. Four (4) of the Antennas will extend upward to a maximum height of 173.0' AGL. The remaining Antenna will be located lower down on the Tower below the 160' AGL level. Each Antenna will measure approximately 13' long and 2.75" in diameter.¹

ITW has designed the Tower and Compound to accommodate the equipment of other wireless communications providers. Sheet C-9 of the permit plans illustrates possible locations for future antennas of other carriers to attach to this Tower.

ITW will install its equipment cabinet ("Cabinet") in the Compound near the Tower. The Cabinet will sit on a 10' by 10' concrete pad and will contain the electronics equipment necessary for the operation of the Project.

Co-axial and fiber optic cables from the Antennas will descend along one of the three (3) legs of the Tower. The cables will exit near the base of the Tower and will connect with the Cabinet via a proposed cable bridge.

To provide access ("Access") to the Compound, ITW proposes to construct an access drive off of the existing access drive which connects the site to Route 140. The new access drive will be 12' wide with 3' of additional clearing on each side such that total cleared width is 18' in order accommodate a 75' turning radius, leading into the Compound. Approximate clearing limits are shown on the enclosed plans. There will be 16,309 square feet of temporary earth disturbance with

¹ From time to time, equipment manufacturers may alter their products or ITW may purchase from different suppliers. Therefore, there is a possibility that the actual antennas and other equipment may be slightly different from but of similar dimensions as those described in this notice.

only 9,285 square feet of permanent earth disturbance to construct the Access and Compound. There will only be 6,400 square feet of new impervious surface created such that the total onsite after the work is less than one-half acre and thus no operational stormwater permit is required. The total area of tree clearing to construct the Access and Compound is less than one-half acre. Total permanent earth disturbance will be approximately 9,285 square feet.

Underground utilities will follow the Access from a new utility pole connecting to the existing utility line from the same parcel across 440 Route 140 to the Compound and will be placed in a trench adjacent to the Access.

As part of the design for this Project, ITW RF engineers evaluated existing telecommunications facilities and existing structures for possible co-location opportunities. No such facilities or structures that would fulfill the objectives for this site exist.

Although holding an FCC license ("License") to do so, ITW does not yet provide telecommunications services in this area. This site will be part of the interconnected network that ITW is constructing pursuant to that License.

Please feel free to contact me, either by email or at the address or telephone number below, if you have any questions or comments regarding the proposed Project. We would like to receive comments no later than 30 days from your receipt of this Notice so that they can be considered prior to the application filing.

As a recipient of this notice, you will also be notified when the application is filed, which will be at least 60 days from the date of this letter. You will then have 30 days from receipt of that notification to file comments, a motion to intervene or request for hearing with the Commission. Please review the Amended Order for additional information and procedures.

Very truly yours,



W. Cooper Hayes
chayes@mskvt.com

cc: Statutory Parties on attached Service List (w/enclosure)
Adjoining Landowners on attached Service List (w/enclosure)
ITW (*via email only*)





May 28, 2025

To: Parties on attached Service List

Re: Application for a Certificate of Public Good, pursuant to 30 V.S.A. § 248a

Applicant: Industrial Wireless Technologies, Inc. ("ITW")
Project: Construction of a Wireless Telecommunication Facility
Location: 440 Route 140, Tinmouth, VT;
Parcel 5-140-0402
Landowners: George Herrick, III and Paul E. Herrick

Dear Statutory Party:

This firm represents ITW. You are receiving this notification because ITW has filed a 60-day advance notice to file an application with the Public Utility Commission ("Commission"), under the provisions of 30 V.S.A. § 248a ("Section 248a"), for a Certificate of Public Good to allow the construction of a wireless telecommunications facility in the Town of Tinmouth, Vermont.

The application will be filed in accordance with the Order Adopting Revised Standards and Procedures Implementing 30 V.S.A. § 248a, issued by the Commission on January 18, 2023, ("Amended Order"), and the Standards and Procedures Applicable to Electronic Filing Using ePUC, eff. January 17, 2017 ("ePUC Procedures"). Copies of the Amended Order and ePUC Procedures are available on the web at <http://puc.vermont.gov> and from the Clerk of the Commission at puc.clerk@vermont.gov. Documents filed with the PUC are available electronically through the PUC's website at <http://epuc.vermont.gov/>.

Pursuant to the Amended Order, if the applicant makes a substantial change to the proposed project, the applicant is required to serve notice of this change on all parties and entities already notified, including any newly affected adjoining property owners. Parties and entities will then have thirty (30) days to comment on revised project.

In response to comments received from citizens of the Town of Tinmouth, ITW has revised the site location on the subject parcel such that there will be no permanent improvements within the Protection Zoning District as outlined in the Town of Tinmouth Zoning Bylaws. This letter serves to provide notice of the change, with copies of the revised Permit Plans. The revised site design will result in less temporary and permanent earth disturbance than the original proposal and has been designed to minimize the impact on natural resources. There are no changes proposed to the tower design or the telecommunications equipment to be installed.

In addition, at the request of the Town of Tinmouth, ITW conducted a balloon float at the property on April 21, 2025. ITW conducted a balloon float for general proposed location and the photo simulations from that balloon float are attached. ITW will be attending a public meeting with the Town of Tinmouth Selectboard and Planning Commission on June 19, 2025 at 6pm. We look



Parties on attached Service List

May 28, 2025

Page 2 of 2

forward to presenting the revised plans and answering any questions regarding the project at that time.

Please feel free to contact me, either by email or at the address or telephone number below, if you have any questions or comments regarding the proposed Project. We would like to receive comments no later than 30 days from your receipt of this Notice so that they can be considered prior to the application filing.

As a recipient of this notice, you will also be notified when the application is filed, which will be at least 30 days from the date of this letter. You will then have 30 days from receipt of that notification to file comments, a motion to intervene or request for hearing with the Commission. Please review the Amended Order for additional information and procedures.

Very truly yours,



W. Cooper Hayes
chayes@mskvt.com

cc: Statutory Parties on attached Service List (w/enclosure)
Adjoining Landowners on attached Service List (w/enclosure)
ITW (*via email only*)

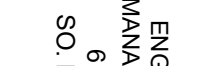
MSK
ATTORNEYS



**Industrial
Tower and Wireless®**



DRAWING INDEX:	
T-1	TITLE SHEET
C-1	GENERAL NOTES
C-2	ORTHO PHOTO PLAN
C-3	OVERALL SITE PLAN
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RANDOLPH, VT
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BRANDON, VT
BEEFORD, NH
LACONA, NH

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PROFESSIONAL SEAL

**NOT FOR
CONSTRUCTION
PRELIMINARY
PLANS**

NO.	DATE	DESCRIPTION	BY	CHK'D
2	4-04-2025	REVISED COMPOUND CONFIGURATION	JWP	LJH
1	11-19-2024	ISSUED FOR PERMITTING	JWP	LJH



402 VT ROUTE 140
TINMOUTH, VT
05773

**ITW
TINMOUTH**

SHEET TITLE

TITLE SHEET

PERMIT PLANS

DRAWN BY	DATE	JOB PROJECT #
JWP	NOV. 2024	430311L

CHECKED BY	DATE	JOB PROJECT #
LJH	4/30/21L	430311L

TRAIL ENG	DATE	JOB PROJECT #
LJH		

SHEET NUMBER

T-1

PROJECT DESCRIPTION:

1. TYPE OF PROJECT: TELECOMMUNICATION FACILITY
2. DESCRIPTION OF MAJOR PROJECT COMPONENTS: UNMANNED 80'x80' TELECOMMUNICATIONS COMPOUND TO BE CONSTRUCTED ON A 32.35 ACRE PARCEL. THE PARCEL CONTAINS AN EXISTING GRAVEL PIT. THE COMPOUND LOCATION IS SITED IN AN UNDEVELOPED WOODED AREA, TO THE WEST OF THE GRAVEL PIT. ACCESS TO THE COMPOUND STARTS AT THE EXISTING ENTRANCE TO THE PARCEL, RUNS NORTH TO THE COMPOUND SITE. PROPOSED UNDERGROUND UTILITIES WILL CONNECT TO THE EXISTING UTILITY POLE NEXT TO THE EXISTING ENTRANCE. TREE CLEARING WILL BE MINIMIZED TO THE MINIMUM AREA NECESSARY FOR SITE IMPROVEMENTS AND CONSTRUCTION VEHICLE ACCESS. FOLLOWING CONSTRUCTIONS ALL DISTURBED AREAS OUTSIDE THE ACCESS AND COMPOUND WILL BE SEEDED AND MULCHED AND ALLOWED TO NATURALLY REVEGETATE.
3. POSTED SPEED LIMIT: N/A
4. TOTAL ACREAGE OF TEMPORARY EARTH DISTURBANCE: 14.387 S.F. (0.33 ACRES)
- 4.1. STORMWATER CONSTRUCTION GENERAL PERMIT REQUIRED: NO
5. TOTAL ACREAGE OF TREE CLEARING: 17,719 S.F. (0.36 ACRES)
6. TOTAL AREA OF PERMANENT EARTH DISTURBANCE: 8,888 S.F. (0.20 ACRES)
7. IMPERVIOUS AREA
 - 7.1. EXISTING = 0 S.F. (0.00 ACRES)
 - 7.2. PROPOSED = 6,724 S.F. (0.15 ACRES)
 - 7.3. TOTAL = 6,724 S.F. (0.15 ACRES)
- 7.4. STORMWATER OPERATIONAL PERMIT REQUIRED: NO
8. SEQUENCE OF MAJOR PROJECT COMPONENTS:
 - 8.1. DEMARCATE LIMITS OF CONSTRUCTION
 - 8.2. INSTAL CONSTRUCTION ENTRANCE
 - 8.3. TREE CLEARING
 - 8.4. INSTAL EPSC MEASURES
 - 8.5. ESTABLISH ROUGH ACCESS ROAD
 - 8.6. POUR TOWER FOUNDATION
 - 8.7. INSTAL UNDERGROUND ELECTRIC/TELCO & ACCESS ROAD GRADING
 - 8.8. FINISH COMPOUND CONSTRUCTION INCLUDING TOWER ERECTION
 - 8.9. SITE STABILIZATION, SURFACE TREATMENT, RE-SEEDING
9. PROPOSED POLLUTION PREVENTION STRATEGIES: CONTRACTOR TO ENSURE THAT THE SITE REMAINS CLEAN AND ALL DEBRIS AND UNUSED MATERIALS ARE REMOVED AT THE END OF EACH DAY.
10. MAXIMUM CONCURRENT EARTH DISTURBANCE: THE PROJECT WILL BE LIMITED TO ONE ACRE OR LESS OF EARTH DISTURBANCE AT ANY ONE TIME.
11. USE OF VEGETATED BUFFERS: THE PROJECT WILL NOT HAVE STORMWATER DISCHARGES FROM THE CONSTRUCTION SITE TO WETLANDS AND DRAINAGE CHANNELS FROM THE ACCESS ROAD THAT DO NOT FIRST FILTER THROUGH A 50 FT. VEGETATED BUFFER. THE ACCESS ROAD AND COMPOUND WILL BE GRADED TO PROVIDE A MILD CROSS-SLOPE TO DIRECT RUNOFF TO THE UNDISTURBED VEGETATED FOREST ADJACENT TO THE ROAD.
12. NAME OF RECEIVING WATERS: UNNAMED TRIBUTARY TO TINMOUTH CHANNEL.
13. NUMBER OF PROPOSED STREAM CROSSINGS: 0
 - 13.1. STREAM ALTERATION PERMIT REQUIRED: NO
14. WETLAND IMPACTS:
 - 14.1. AREA OF WETLANDS IMPACTED BY PROPOSED ACTIVITIES: 0 S.F. (0.00 ACRES)
 - 14.2. AREA OF WETLAND BUFFERS IMPACTED BY PROPOSED ACTIVITIES: 0 S.F. (0.00 ACRES)
 - 14.3. STATE WETLANDS PERMIT REQUIRED: NO
 - 14.4. ARMY CORPS OF ENGINEERS PERMIT REQUIRED: NO
15. RIVER AND STREAM IMPACTS: NONE
 - 15.1. LOCATED IN A FLOOD HAZARD AREA: NO
 - 15.2. LOCATED IN A RIVER CORRIDOR: NO
 - 15.3. LOCATED IN A RIPARIAN BUFFER: NO
16. RARE, THREATENED, OR ENDANGERED SPECIES IMPACTS: ANEMONE CYLINDRICA, PILEA FONTANA, AND RED MAPLE TAMARACK WERE LOCATED ON THE PROPERTY. PROJECT LIMITS HAVE BEEN SITED TO AVOID DISTURBANCE TO THESE AREAS.
17. SIGNIFICANT NATURAL COMMUNITY: NO IDENTIFIED CONCERNS
18. WATER SUPPLY SOURCE PROTECTION AREA IMPACTS: NONE
19. NATURAL RESOURCES HABITAT IMPACTS:
 - 19.1. DEER WINTERING AREA: DWA ID: DWA1248
 - 19.2. BEAR HABITAT AREA: NO IDENTIFIED CONCERNS
 - 19.3. SONG BIRD HABITAT: NO IDENTIFIED CONCERNS
 - 19.4. BAT HABITAT AREA: ONE 30" SUGAR MAPLE JUST INSIDE THE PROPOSED GATES, AND ONE 32" SUGAR MAPLE 15 FEET SOUTH OF THE PROPOSED COMPOUND. TREE CLEARING WILL BE LIMITED TO THE WINTER SEASON FROM NOVEMBER 15 TO APRIL 15.
 - 19.5. HABITAT BLOCK: FINAL 8, THREAT 9
 - 19.6. BIOFINDER: HIGHEST PRIORITY: CONNECTIVITY BLOCKS
20. LOCAL ZONING – TOWN OF TINMOUTH
 - 20.1. ZONING DISTRICT: CONSERVED ZONING DISTRICT
 - 20.2. OVERLAY DISTRICT:
21. PROPERTY LINE INFORMATION PROVIDED BY THE TOWN OF TINMOUTH TAX MAPS. DUBOIS & KING, INC. DID NOT PERFORM A BOUNDARY SURVEY.
22. TOPOGRAPHIC SURVEY PERFORMED BY DUBOIS & KING, INC. ON SEPTEMBER 5, 2024.
23. THE PROJECT WILL COMPLY WITH THE LOW RISK HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL BY THE VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION, 2020 EDITION.
4. ELEVATIONS FROM GPS OBSERVATIONS.

25. WETLANDS AND NATURAL RESOURCES IN PSA 1 WERE DELINEATED BY DUBOIS & KING, INC. ON AUGUST 21, 2024 AND VERIFIED BY VT DEC ON SEPTEMBER 3, 2024. ADDITIONAL WETLAND EXTENT DELINEATED IN PSA 2 ON DECEMBER 18, 2024 BY DUBOIS & KING, INC.

EXISTING FEATURES LEGEND

Diagram illustrating various utility lines and symbols:

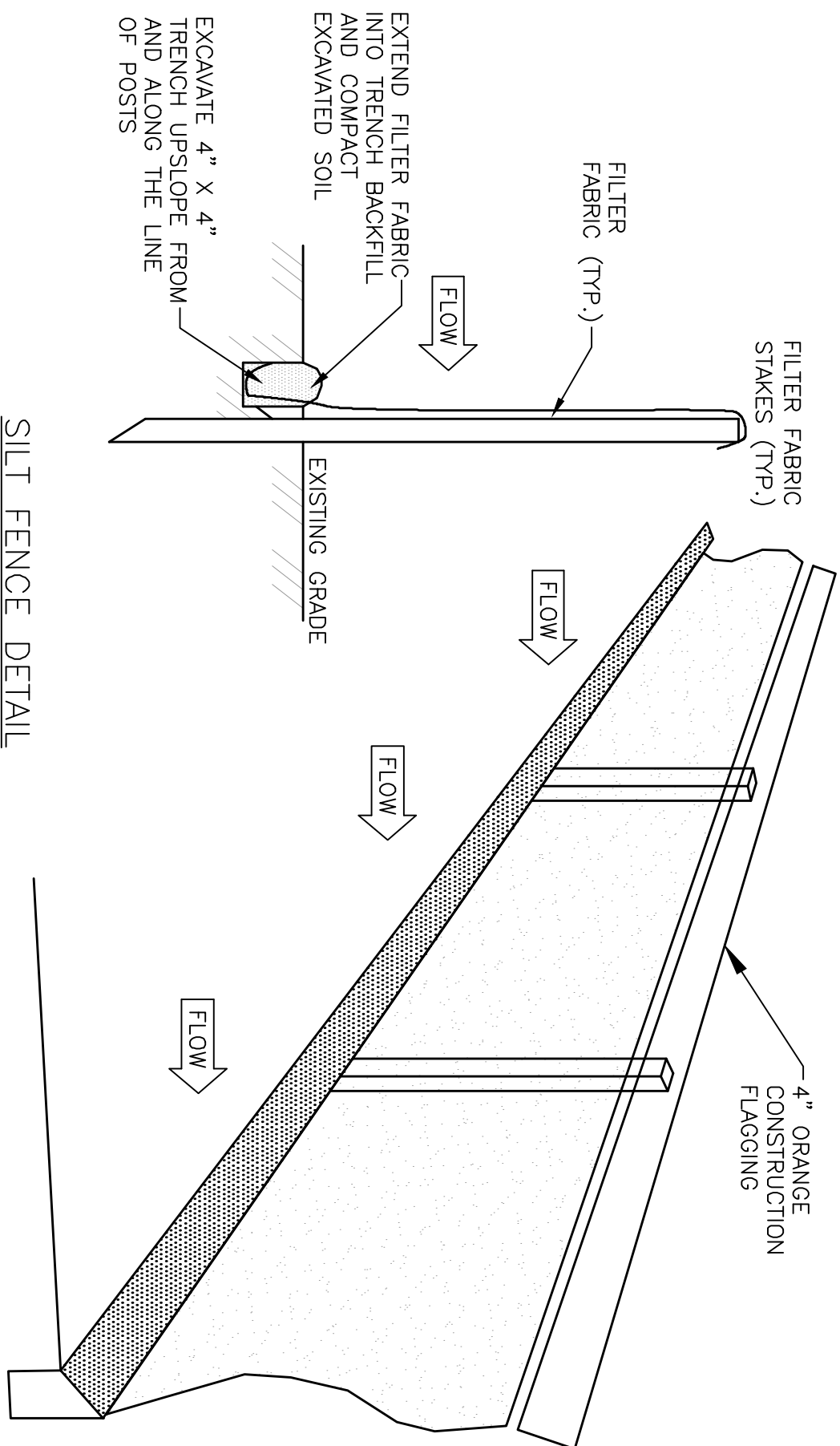
- ONE & T
- RB
- WB
- 50' WETLAND BUFFER
- 50' DELINEATED WETLAND
- MINOR CONTOUR LINE
- MAJOR CONTOUR LINE
- UTILITY POLE
- BENCHMARK
- DECIDUOUS TREE
- EVERGREEN TREE

PROPOSED FEATURES LEGEND

	LIMITS OF DISTURBANCE
	LIMITS OF CONSTRUCTION
	ACCESS & UTILITY EASEMENT
	REINFORCED SILT FENCE
	PROPOSED TREE LINE
	UNDERGROUND ELEC. & TEL. LINE
	CHAIN LINK FENCE
	PROPOSED WATER BAR
	TEMPORARY WATER BAR

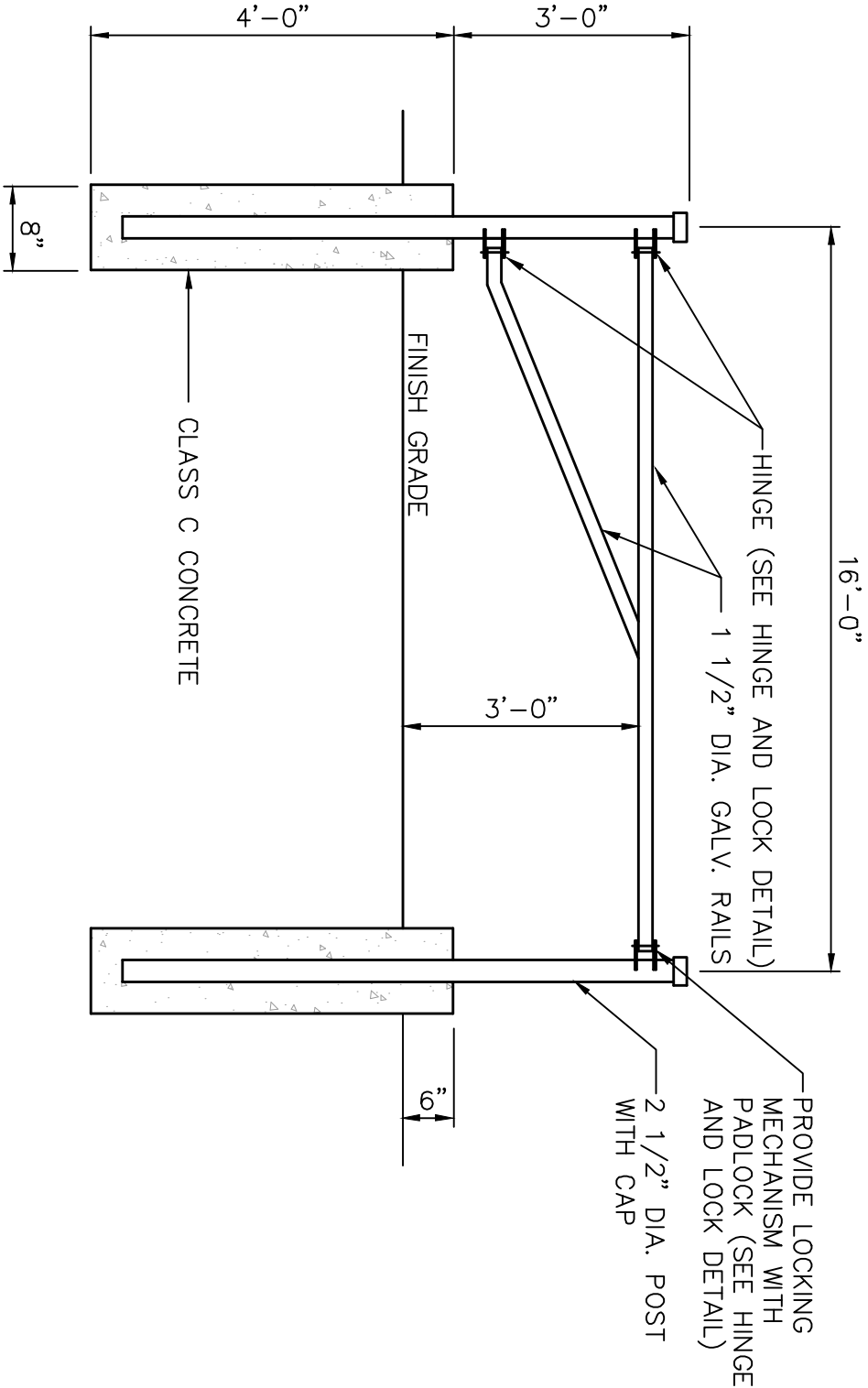
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DuBois & King Inc. ENGINEERING • PLANNING • MANAGEMENT • DEVELOPMENT 6 GREEN TREE DRIVE SOUTH BEND, IN 46601 TEL: (800) 878-7666 FAX: (866) 723-7101 www.dubois-king.com RANDOLPH, VT SPRINGFIELD, VT BRANDFORD, VT BEDFORD, NH LACONIA, NH © Copyright 2025 DuBois & King Inc.										PROFESSIONAL SEAL	
NOT FOR CONSTRUCTION PRELIMINARY PLANS											
				JWP	LJH	BY	CK'D				
				JWP	LJH						
				REVISED COMPOUND CONFIGURATION							
				ISSUED FOR PERMITTING							
				DESCRIPTION							
2	4-04-2025										
1	11-19-2024	JWP	LJH								
NO.	DATE										
Industrial Tower and Wireless											
ITW											
TINMOUTH											
402 VT ROUTE 140 TINMOUTH, VT 05773											
SHEET TITLE											
ORTHOPHOTO PLAN											
PERMIT PLANS											
DRAWN BY	DATE										
JWP	NOV. 2024										
CHECKED BY	DRK PROJECT #										
LJH	430311L										
PROJ ENG	DRK ARCHIVE #										
LJH											
SHEET NUMBER											
C-2											

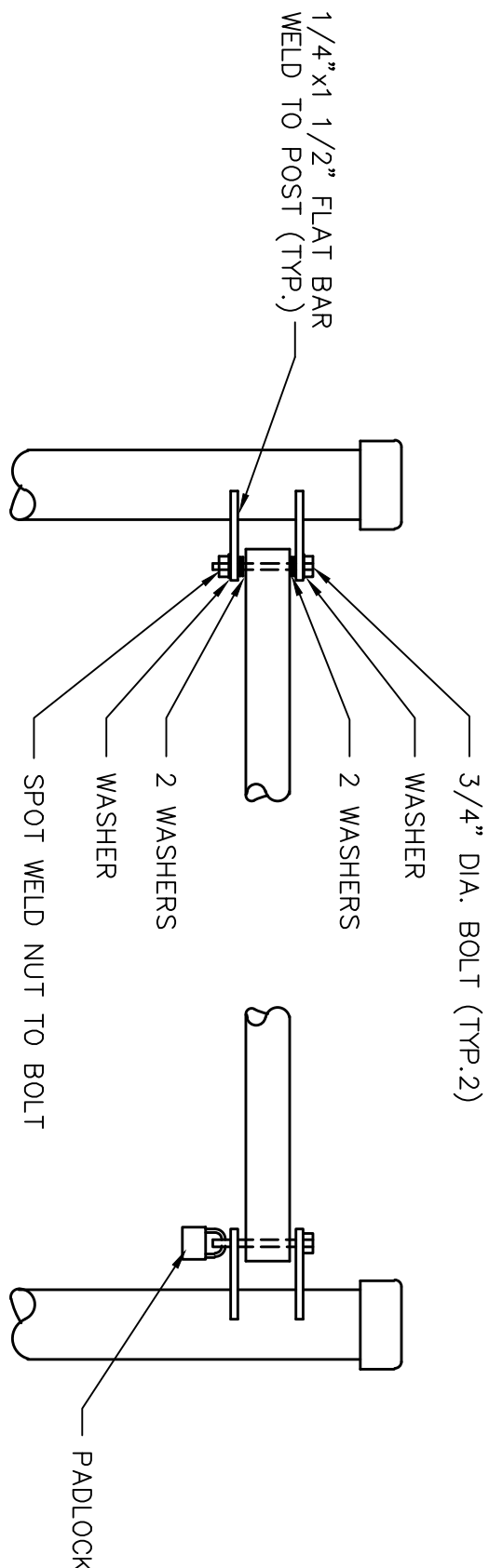


SILT FENCE DETAIL
NOT TO SCALE

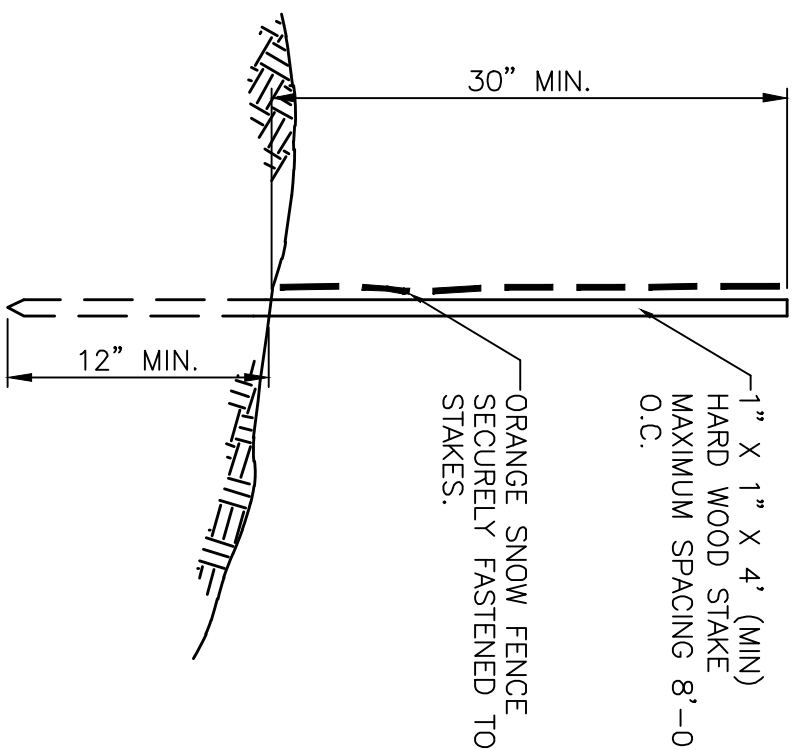
- NOTES:
1. SEED AND MULCH ALL EXPOSED SOILS AS SOON AS FEASIBLE.
 2. CONTRACTOR TO FOLLOW STATE OF VERMONT LOW RISK HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL.



ACCESS ROAD GATE DETAIL
NOT TO SCALE

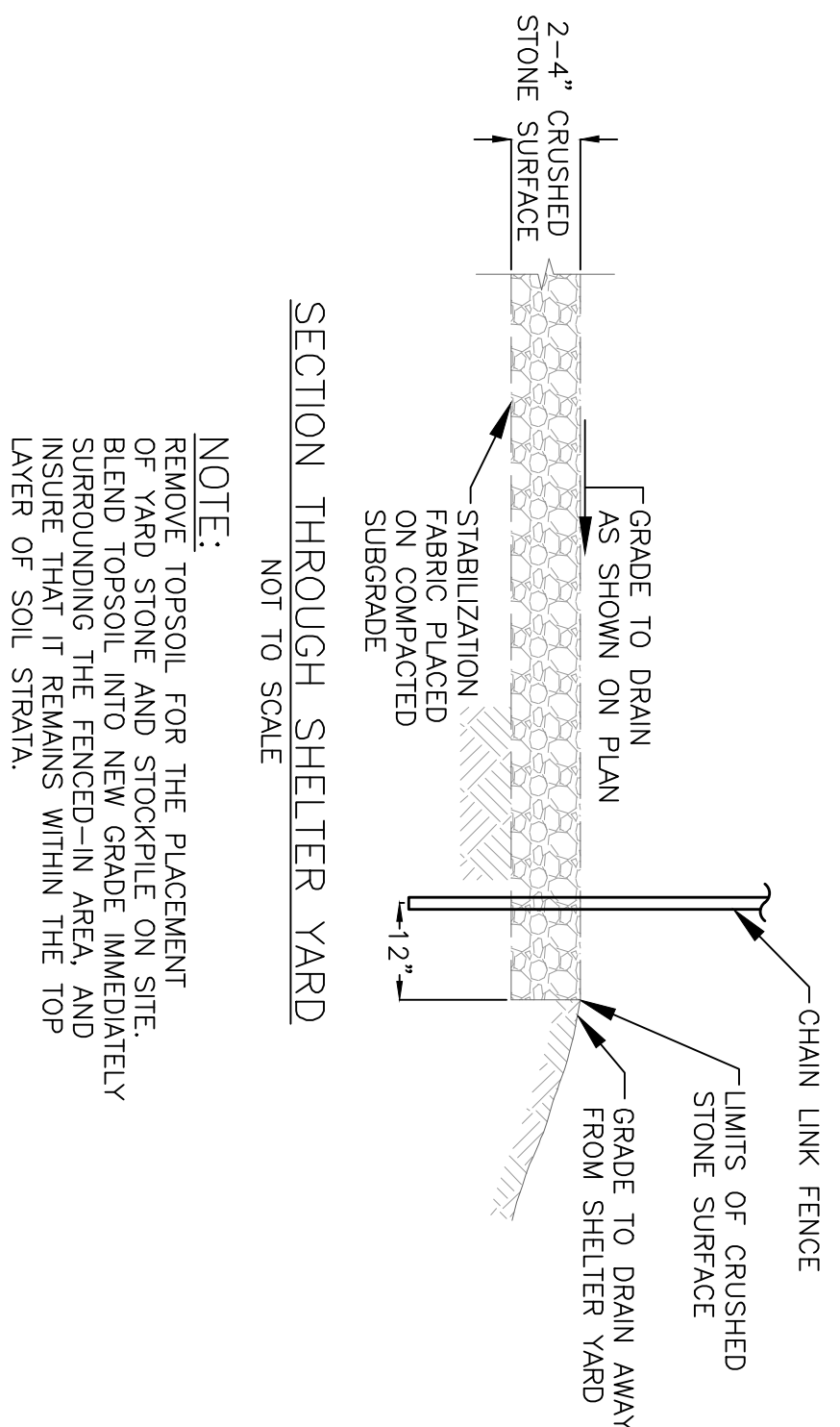


GATE HINGE AND LOCK DETAIL
NOT TO SCALE



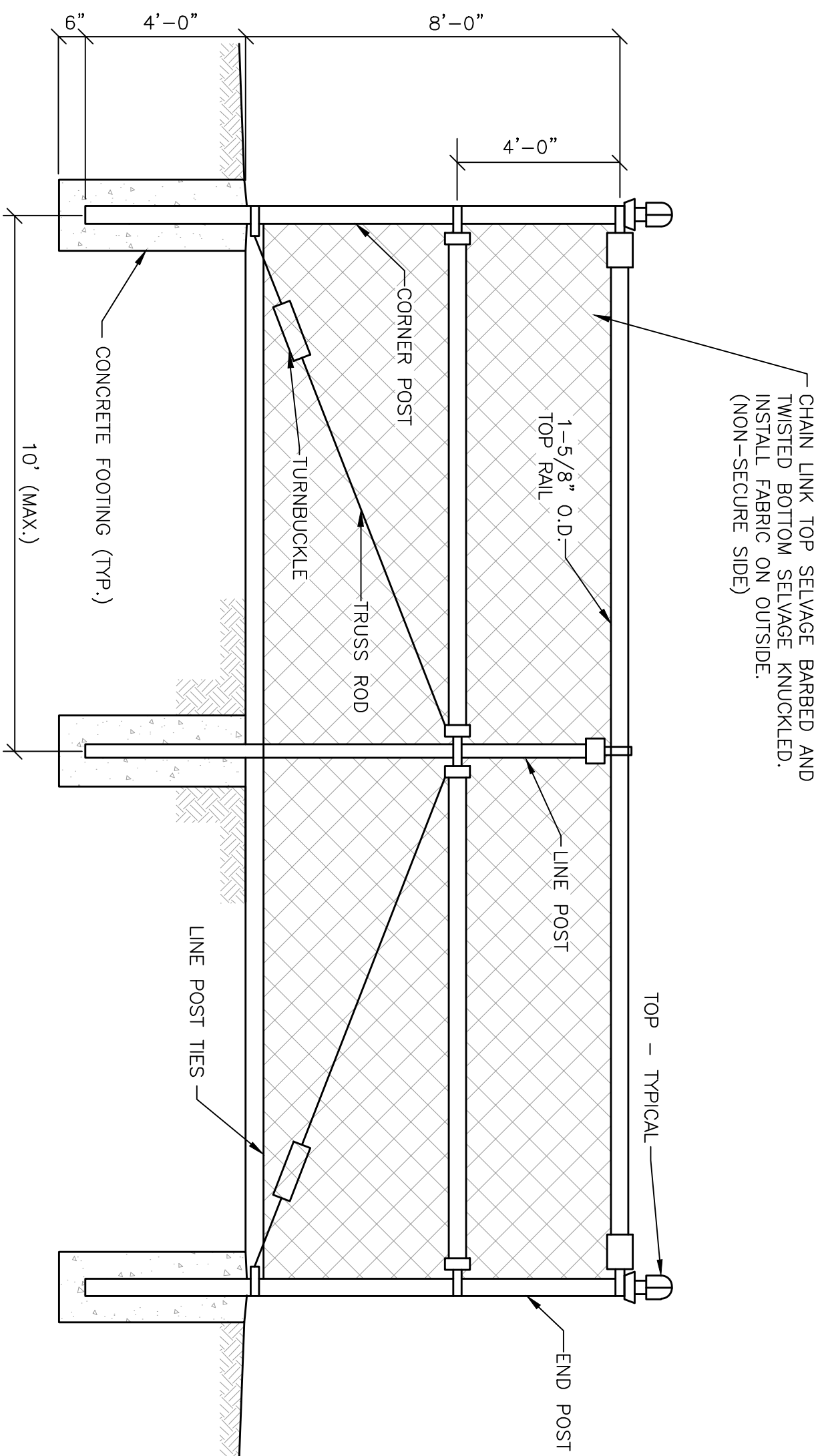
CONSTRUCTION BARRIER FENCE DETAIL
NOT TO SCALE

- NOTE:
- CONTRACTOR SHALL INSTALL CONSTRUCTION FENCING AS REQUIRED TO LIMIT EQUIPMENT DISTURBANCE OF THE SITE

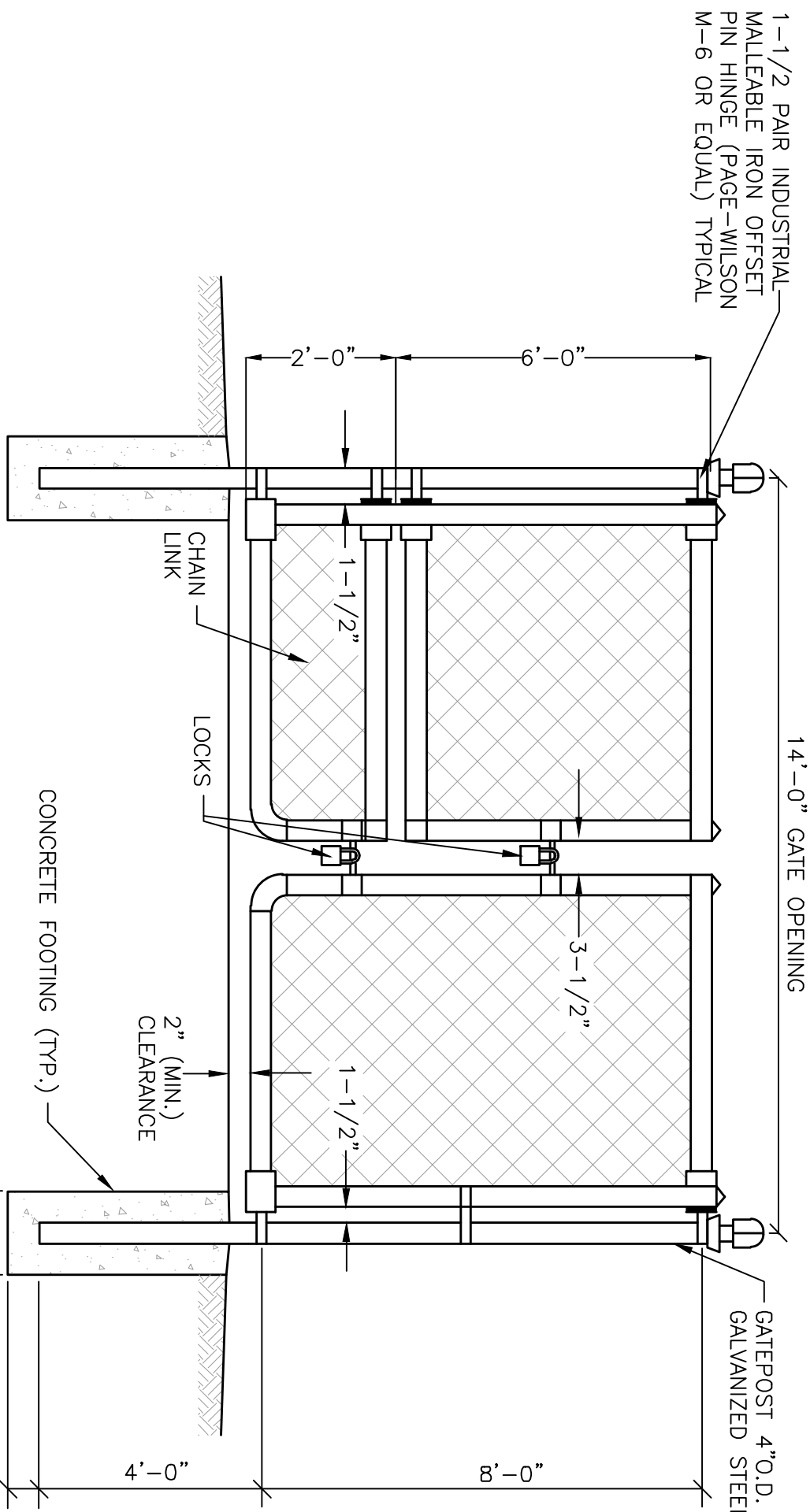


SECTION THROUGH SHELTER YARD
NOT TO SCALE

- NOTE:
- REMOVE TOPSOIL FOR THE PLACEMENT OF YARD STONE AND STOCKPILE ON SITE. BLEND TOPSOIL INTO NEW GRADE IMMEDIATELY SURROUNDING THE FENCED-IN AREA AND INSURE THAT IT REMAINS WITHIN THE TOP LAYER OF SOIL STRATA.



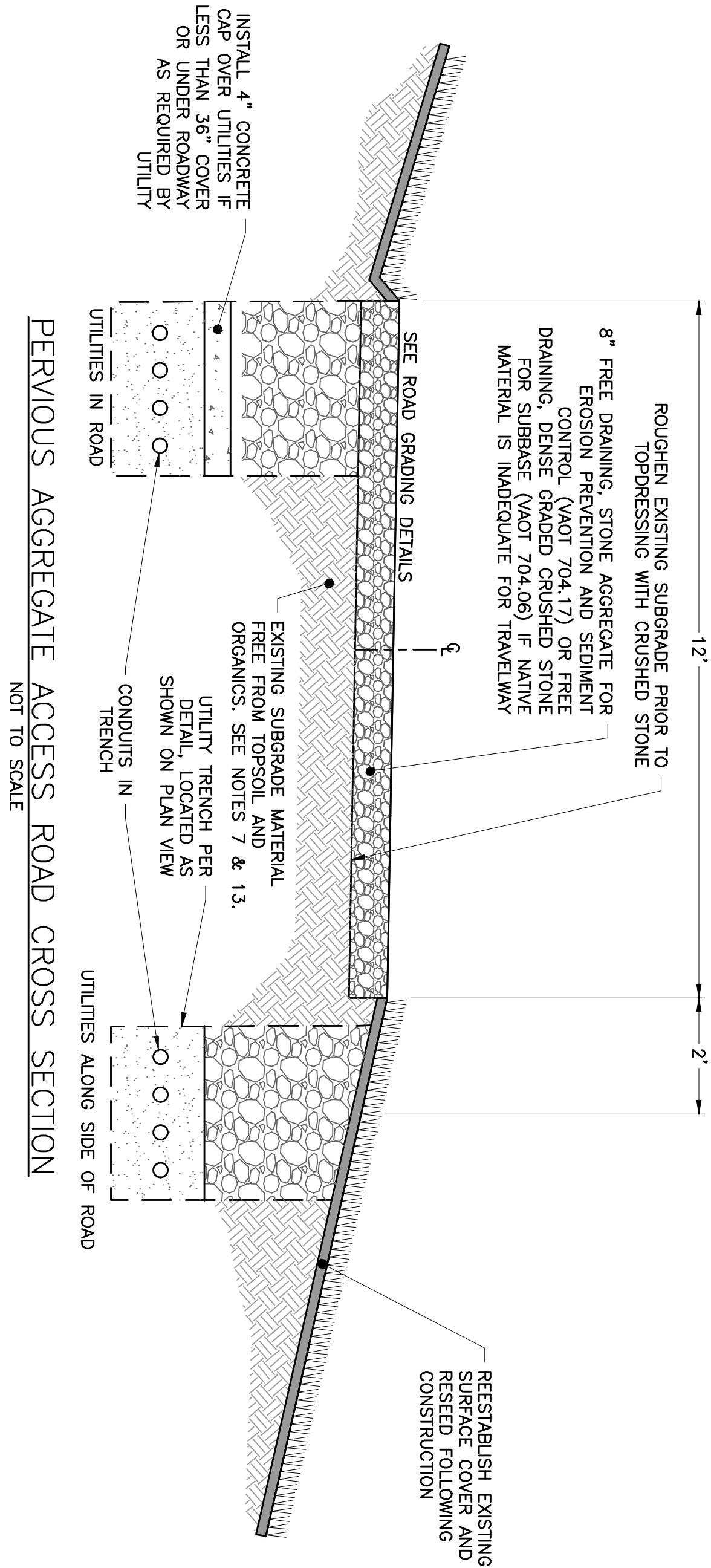
PROPOSED CHAIN LINK FENCE DETAIL
NOT TO SCALE



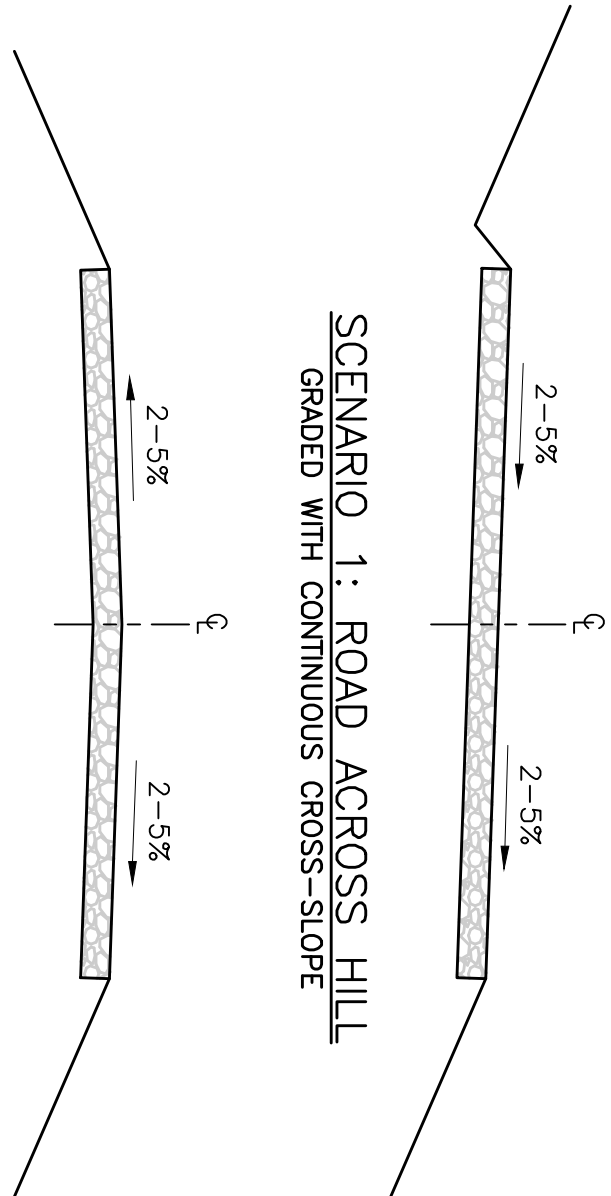
PROPOSED DOUBLE SWING GATE DETAIL
NOT TO SCALE

NO.	DATE	DESCRIPTION
2	4-04-2025	REVISED COMPOUND CONFIGURATION
1	11-19-2024	ISSUED FOR PERMITTING

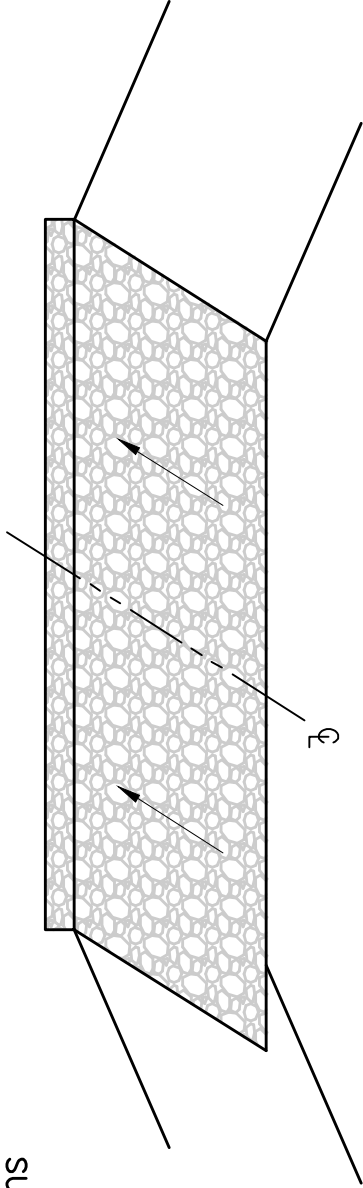
DRAWN BY	DATE
JWP	NOV. 2024
CHECKED BY	DATE
LJH	430311L
PROJ. ENG.	DATE
LJH	430311L



- ACCESS ROAD NOTES:**
- ACCESS TO FOLLOW EXISTING PATHS WHENEVER FEASIBLE.
 - TREE CLEARING SHALL BE LIMITED TO THE MINIMUM REQUIRED TO PERMIT CONSTRUCTION VEHICLE ACCESS. SEE PLAN FOR CLEARING LIMITS. STUMPS OUTSIDE THE ACCESS, UTILITY TRENCH, OR FILL LIMITS SHALL BE LEFT IN PLACE.
 - CONSTRUCTION STANDARDS SHALL MEET OR EXCEED THOSE OUTLINED IN "THE ACCEPTABLE MANAGEMENT PRACTICES FOR MAINTAINING WATER QUALITY ON LOGGING JOBS IN VERMONT" HANDBOOK.
 - UTILITY TRENCH LOCATION SHOWN AS TYPICAL. REFER TO SITE PLAN FOR UTILITY PLACEMENT.
 - STABILIZE ALL EXPOSED SOILS IN CONFORMANCE WITH THE LOW RISK HANDBOOK OR STORMWATER CONSTRUCTION GENERAL PERMIT. AT A MINIMUM ALL SOILS SHALL BE STABILIZED WITHIN 14 DAYS.
 - CONTRACTOR TO FOLLOW STATE OF VERMONT LOW RISK HANDBOOK FOR EROSION PREVENTION AND SEDIMENT CONTROL. SEE EPSC LOW RISK HANDBOOK, SURFACE.
 - REMOVE UNSUITABLE SUBGRADE MATERIAL AND REPLACE WITH CRUSHED STONE AGGREGATE OR NATIVE MATERIAL AND SLOPE TO PROVIDE STABLE WORKING SURFACE.
 - CUT/FILL SLOPES TO BE RE-SEEDDED AND STABILIZED WITH MULCH, EROSION CONTROL MATTING, STONE RIPRAP, AND/OR WOOD CHIPS ONCE FINAL GRADE HAS BEEN ESTABLISHED.
 - ACCESS ROAD TO BE GRADED WITH A MINIMUM OF 2% CROSS-SLOPE.
 - RE-VEGETATED SLOPES EXCEEDING 3H:1V UPON RESTORATION TO BE MATTED WITH JUTE MAT EROSION CONTROL BLANKETS, NORTH AMERICAN GREEN S150BN, OR APPROVED EQUIVALENT.
 - INSTALL EROSION CONTROLS IN ACCORDANCE WITH THE SITE PLANS AND PROJECT PERMITS. ADDITIONAL EROSION CONTROLS MAY BE REQUIRED AS DIRECTED BY THE PROJECT ENVIRONMENTAL COMPLIANCE INSPECTOR OR THE ON-SITE PLAN COORDINATOR.
 - INSTALL PERMANENT WATER BARS IN ACCORDANCE WITH TYPICAL DETAIL.
 - MINIMALLY COMPACT EXISTING SUBGRADE MATERIAL AS NECESSARY TO CREATE A STABLE WORKING SURFACE FOR CONSTRUCTION ACCESS, WITHOUT OVER-COMPACTING AND CREATING AN IMPERVIOUS SURFACE. FOLLOWING HEAVY CONSTRUCTION TRAFFIC, TILL OR BACK BLADE THE ACCESS ROAD SUBGRADE PRIOR TO SURFACE COURSE PLACEMENT TO PROMOTE INFILTRATION.

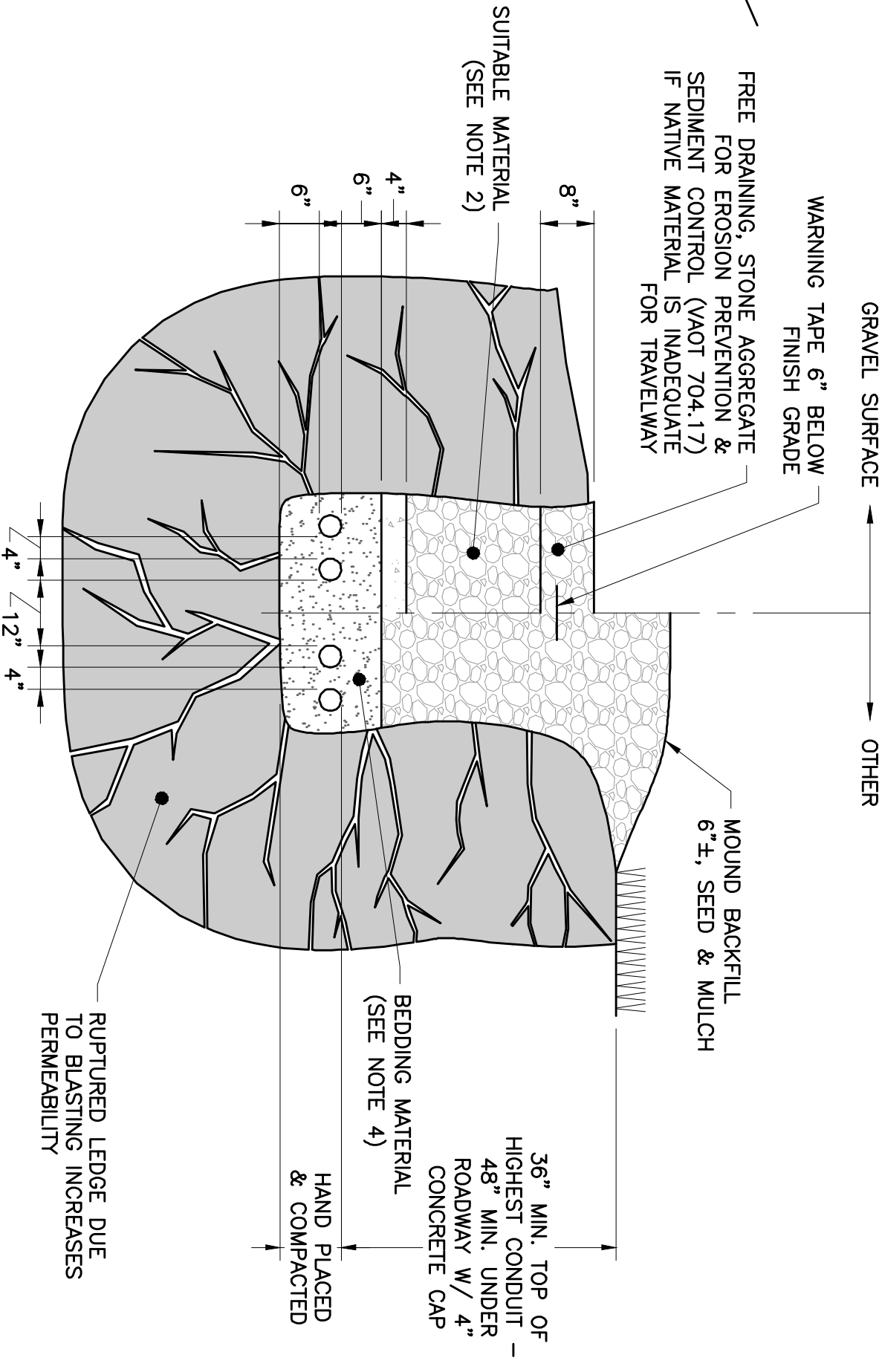
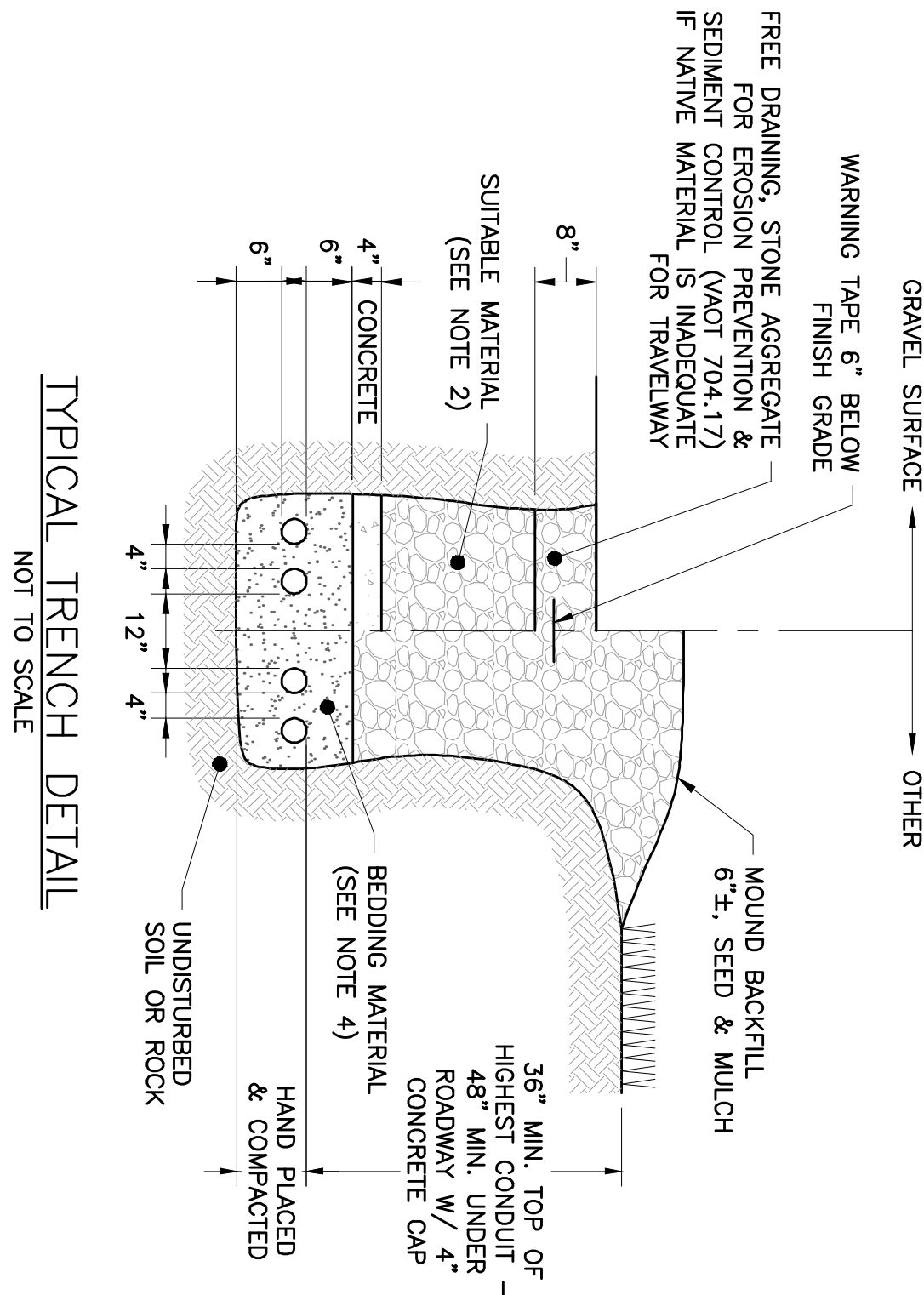


SCENARIO 2: RAISED ROADWAY
GRADED WITH CROWN



NOTE:
LIMIT SCENARIO 3 FLOW LENGTH TO 100'
MAXIMUM, AND INSTALL A WATERBAR EVERY 50'.

ROAD GRADING DETAILS
NOT TO SCALE



- TRENCH NOTES:**
- WHERE BACKFILL IS DESIGNATED "COMPACTED", THIS MEANS 90% TO 95% STANDARD PROCTOR, AASHTO T-99. ALL FILL PLACED BELOW PIPES MUST MEET THIS REQUIREMENT.
 - SUITABLE MATERIAL SHALL CONTAIN NO STONES GREATER THAN 4" IN DIAMETER, NO FROZEN LUMPS, AND ONLY MINOR AMOUNTS OF CLAY OR ORGANIC MATERIAL. ALL MATERIAL TO BE PLACED IN MAXIMUM OF 12" LIFTS AND COMPACTED TO THE SAME LEVEL AS SURROUNDING EXISTING SUBGRADE BEFORE PLACING NEXT LIFT.
 - SEE ELECTRICAL PLANS FOR QUANTITY OF CONDUITS.
 - BEDDING MATERIAL MAY BE CRUSHED STONE, SAND, OR NATIVE MATERIAL FREE FROM ORGANICS AND STONES LARGE ENOUGH TO DAMAGE THE PIPE.

DuBois & King Inc.
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MANAGEMENT • DEVELOPMENT
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www.dubois-king.com
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BEDFORD, NH
LACONIA, NH
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PROFESSIONAL SEAL

**NOT FOR
CONSTRUCTION
PRELIMINARY
PLANS**

NO.	DATE	DESCRIPTION
2	4-04-2025	REVISED COMPOUND CONFIGURATION
1	11-19-2024	ISSUED FOR PERMITTING

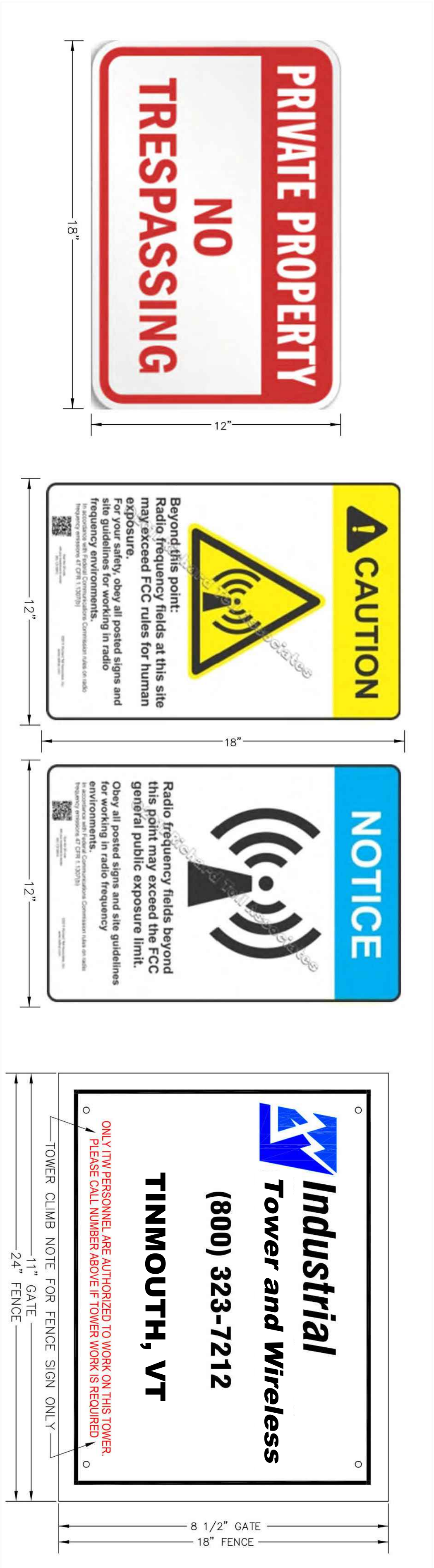
**Industrial
Tower and Wireless**

**ITW
TINMOUTH**

402 VT ROUTE 140
TINMOUTH, VT
05773

SHEET TITLE	
PERVIOUS TELECOMM. SURFACES	PERMIT PLANS
DRAWN BY JWP	DATE NOV. 2024
CHECKED BY LJH	DKR PROJECT # 430311L
PROJ. ENG. LJH	DKR ARCHIVE #
SHEET NUMBER	

C-9

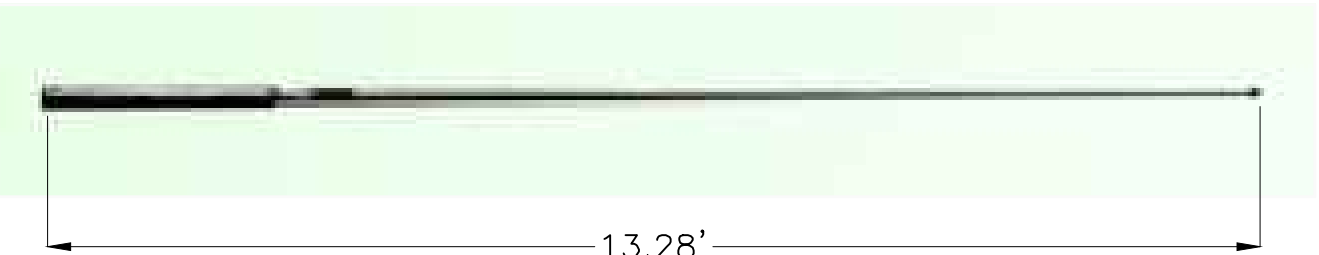


NO TRESPASSING SIGN DETAIL
NOT TO SCALE

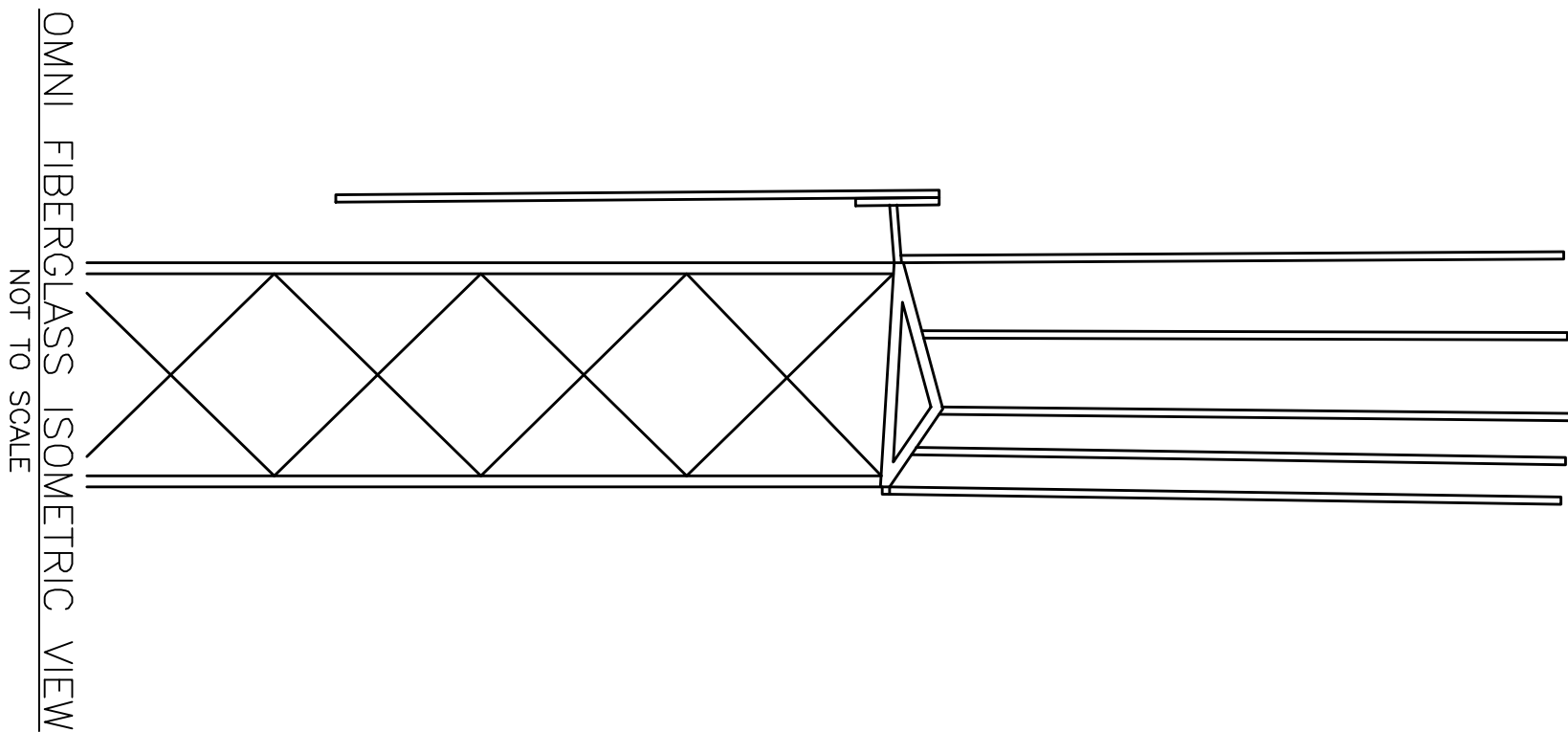
RF WARNING SIGN DETAIL
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IDENTIFICATION SIGN DETAIL
NOT TO SCALE

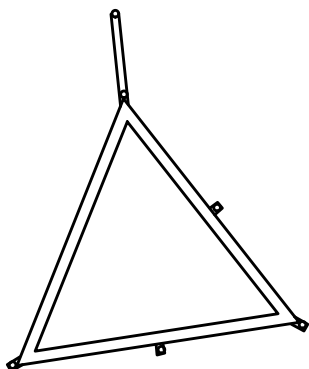
OMNI FIBERGLASS ANTENNA PD10017-6 DETAIL
NOT TO SCALE



ANTENNA FACIAL SURFACE AREA					
DESCRIPTION	HEIGHT (in)	DIAMETER (in)	SURFACE AREA (sq. ft.)	NUMBER OF UNITS	TOTAL SURFACE AREA (sq. ft.)
OMNI FIBERGLASS PD10017-6	159.00	2.00	6.95	5	34.77
TOTAL =					34.77



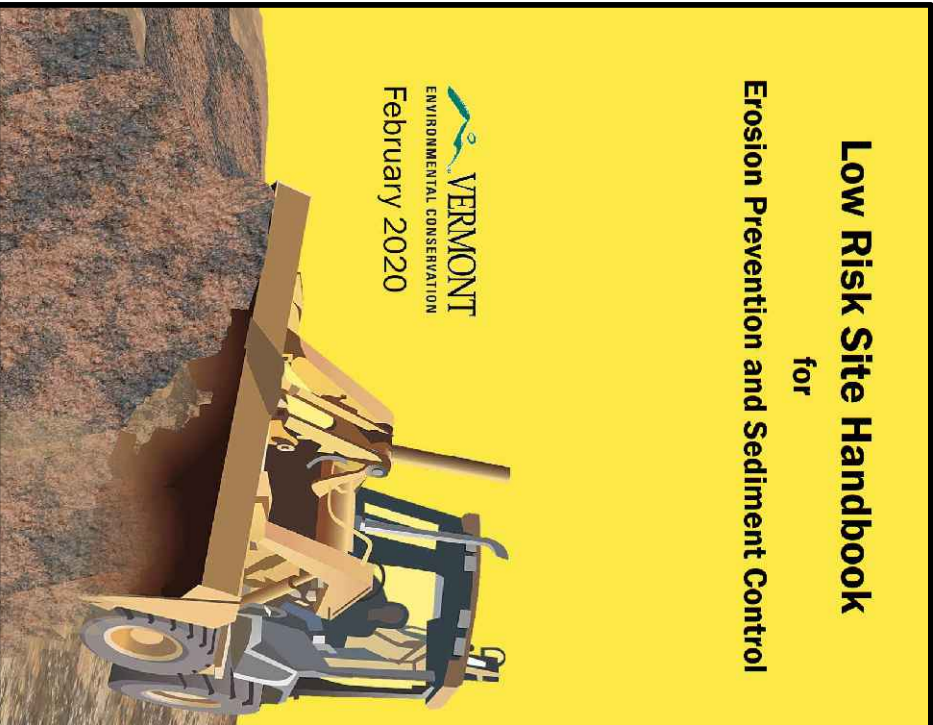
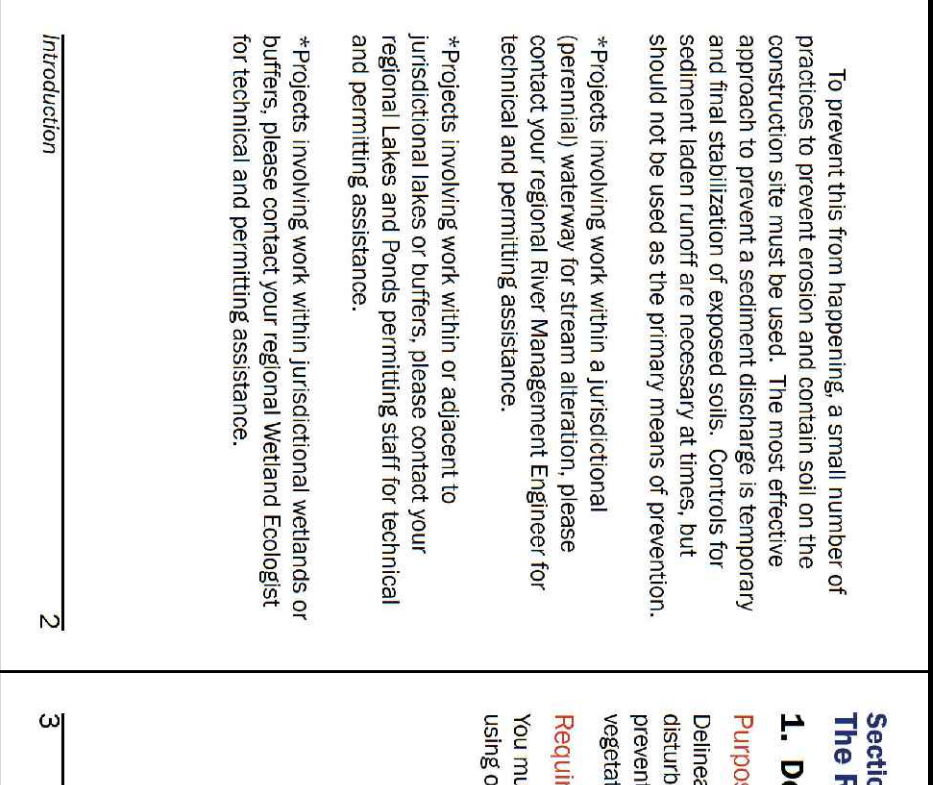
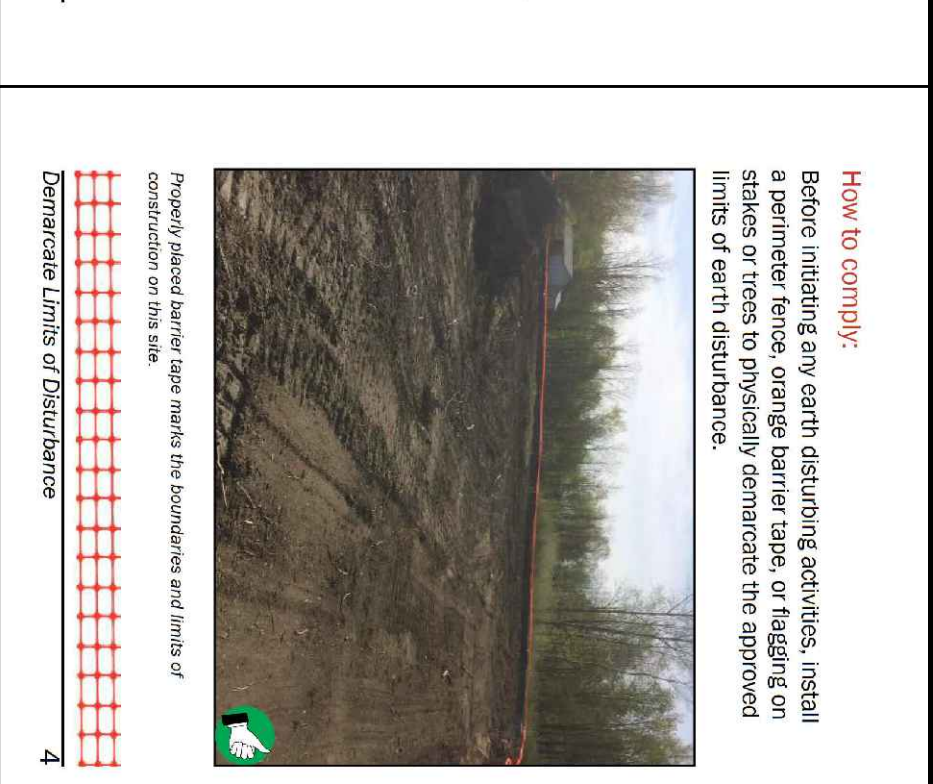
OMNI FIBERGLASS ISOMETRIC VIEW
NOT TO SCALE



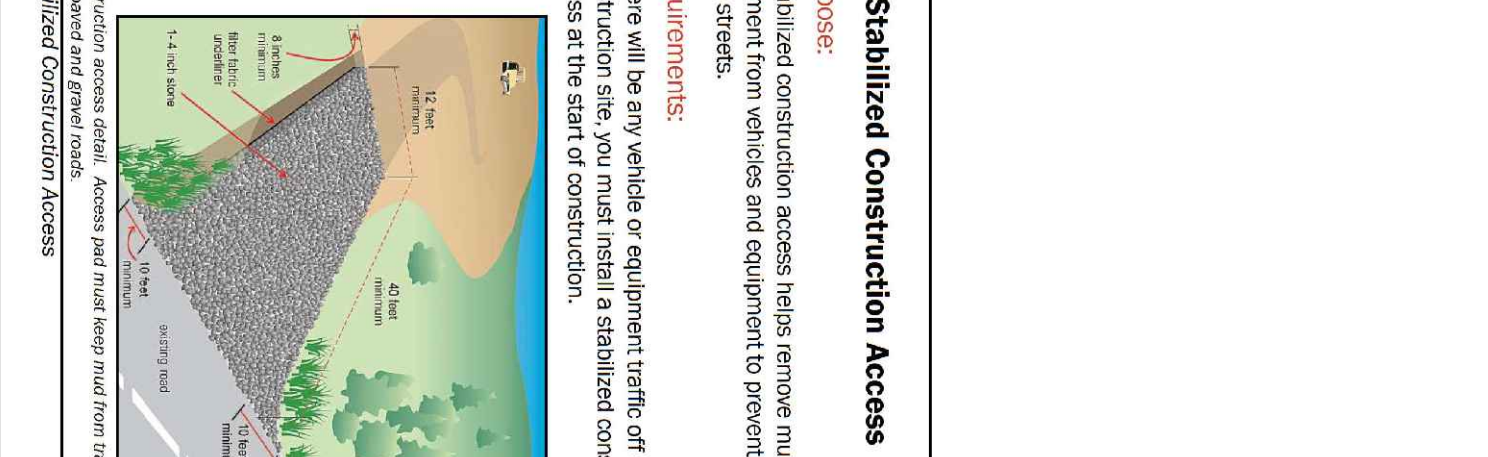
OMNI FIBERGLASS PLAN VIEW
NOT TO SCALE

NO.	DATE	DESCRIPTION
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JWP	NOV. 2024
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LJH	430311L
PROJ. ENG.	DATE
LJH	

Low Risk Site Handbook for Erosion Prevention and Sediment Control		Low Risk Site Handbook for Erosion Prevention and Sediment Control	
		Section 1: Introduction What is erosion prevention and sediment control? .. 1 Section 3: Additional Resources How to calculate slope..... 63 How to estimate area..... 63	
Section 2: The Requirements 1. Demarcate Limits of Disturbance..... 3 2. Pollution Prevention..... 5 3. Limit Concurrent Earth Disturbance..... 7 4. Site Stabilization..... 9 5. Stabilize Construction Access..... 14 6. Divert Upland Runoff..... 17 7. Install Perimeter Controls..... 21 8. Storm Inlet Protection..... 33 9. Water Bars..... 37 10. Slow Down Channelized Runoff..... 39 11. Slope Stabilization..... 45 12. Winter Construction Requirements..... 49 13. Dewatering Activities..... 55 14. Controlling Washout..... 57 15. Permanent Controls..... 59 16. Inspection, Maintenance, and Discharge Reporting..... 61		Section 1 Introduction What is erosion prevention and sediment control? Stormwater runoff carrying sediment into streams, lakes, and wetlands is a large contributor to surface water quality problems in Vermont. Sediment discharge from unmanaged construction sites can adversely impact aquatic habitat, and may have lasting impacts on fish and wildlife. On most construction sites, the existing vegetation that holds the soil in place and protects it from the erosive forces of rain and runoff is removed, leaving the exposed soil may be easily eroded and transported to nearby streams, lakes, or wetlands.* *Projects involving work within a jurisdictional (perennial) waterway for stream alteration, please contact your regional River Management Engineer for technical and permitting assistance. *Projects involving work within or adjacent to jurisdictional lakes or buffers, please contact your regional lakes and ponds permitting staff for technical and permitting assistance. *Projects involving work within jurisdictional wetlands or buffers, please contact your regional Wetland Ecologist for technical and permitting assistance.	
Section 2 The Requirements 1. Demarcate Limits of Disturbance Purpose: Delimiting the site will help to: limit the area of disturbance to only what is necessary for construction, prevent unauthorized disturbance, preserve existing vegetation, and limit erosion potential on the site. Requirement: You must physically mark the limits of construction activity using one of the methods described below.		How to comply: Before initiating any earth disturbing activities, install brightly colored survey flags, tape, flagging or stakes or trees to physically demarcate the approved limits of earth disturbance. 	
2. Pollution Prevention Purpose: Many construction sites require storage of chemicals and materials that have detrimental effects if released into our watersheds. A storage plan for these potential pollution sources as well as a spill prevention and clean up plan are required to mitigate these risks. Requirement: Design, install, implement, and maintain effective pollution prevention measures to minimize the discharge of pollutants from a construction site. These measures must be designed, installed, implemented and maintained in accordance with the following requirements. © Copyright 2024 Dubois & King Inc. PROFESSIONAL SEAL		How to comply: Properly placed barriers help mark the boundaries and limits of construction on this site. 	

How to comply: 1. Minimize the exposure of the following to precipitation and to stormwater: • building materials, • construction wastes, • fuel, • storage materials, • fertilizers, • pesticides, • herbicides, • detergents, • sanitary waste, and • other materials present on the site. 2. Minimization of exposure is not required in cases where the exposure to precipitation and to stormwater will not result in a discharge of pollutants, or where exposure of a specific material or product poses little risk of stormwater contamination (such as final products and materials intended for outdoor use).		3. Limit Concurrent Earth Disturbance Purpose: Limit the amount of soil exposed at one time to reduce the potential erosion on the construction site. Requirement: The maximum area of concurrent earth disturbance is 1/4 acre. If a site is subdivided into lots, the maximum area of concurrent earth disturbance is the area of the lot. Each disturbance area must be authorized by the maximum concurrent disturbance identified in the authorization. Areas that are at final stabilization or that have been temporarily stabilized in accordance with Section 4 of this handbook, are not counted toward the maximum concurrent disturbance area.	
How to comply: Plan ahead and phase the construction activities to ensure that no more than the permitted maximum concurrent acreage is disturbed and unstabilized at one time. Be sure to properly stabilize exposed soil using one of the methods described below before beginning work before beginning work in a new section of the site.		4. Site Stabilization Purpose: Seeding and mulching, applying erosion control matting, and hydroseeding are all methods to temporarily stabilize exposed soil and prevent soil erosion prior to vegetative growth. Mulches and matting protect the soil surface while grass is establishing. Areas of earth disturbance must be stabilized prior to construction. Hydroseeding, mulching, or other temporary stabilization methods must be applied to exposed soil before beginning work in a new section of the site. Requirements for Temporary Stabilization: All areas of earth disturbance must have temporary or final stabilization within 14 days of initial disturbance, as stated in the project authorization. After this time, disturbed areas must be temporarily stabilized or permanently stabilized. If a project authorizing hydroseeding, mulching, or other temporary stabilization is an event that produces runoff from the construction site. The following exception applies: • Temporary stabilization is not required if the work is occurring in a self-contained excavation (i.e., no outlet) with a depth of 2 feet or greater (e.g., house foundation excavation, utility trenches), provided any dewatering, if necessary, is conducted in accordance with Part 13.	
How to comply: As required by the authorization, temporary stabilization for areas of earth disturbance shall be completed utilizing one or more of the methods below: Hay or Straw Mulch Mulching Rates April 16 - Oct. 14 - Hay or Straw*: 1 inch deep (1-2 bales/1000 s.f.) Oct. 15 - April 15 - Hay or Straw*: 2 inch deep (2-4 bales/1000 s.f.) *Seed may also be incorporated		How to comply: As required by the authorization, temporary stabilization for areas of earth disturbance shall be completed utilizing one or more of the methods below: Hay or Straw Mulch Mulching Rates April 16 - Oct. 14 - Hay or Straw*: 1 inch deep (1-2 bales/1000 s.f.) Oct. 15 - April 15 - Hay or Straw*: 2 inch deep (2-4 bales/1000 s.f.) *Seed may also be incorporated	
Wood Chip Mulch or Stump Grindings Cover entire area with 2.7 inches or more of wood chip mulch or stump grindings.		Hydroseed As per manufacturer's instructions. • Must include mulch component • Not acceptable stabilization for winter construction period	
Site Stabilization Excellent application of hydroseed with a mulch component. Entire soil surface has been covered and is temporary stabilized.		Site Stabilization Poor hydroseed application. Not applied at the appropriate rate, soil not prepared, and very little mulch component in mix.	
Site Stabilization Excellent application of wood chip mulch and stump grindings.		Site Stabilization Poor hydroseed application. Not applied at the appropriate rate, soil not prepared, and very little mulch component in mix.	

5. Stabilized Construction Access Purpose: A stabilized construction access helps remove mud and sediment from vehicles and equipment to prevent tracking onto streets. Requirements: If there will be any vehicle or equipment traffic off the construction site, you must install a stabilized construction access at the start of construction. 		How to install: Rock Size: Use a mix of 1 to 4 inch stone Depth: 8 inches minimum Width: 12 feet minimum, flared at road for vehicle turning Length: 40 feet minimum (or length of driveway) for residential projects, 150 feet for commercial projects Gravel: Place filter cloth under entire stone bed Maintenance: Redress with clean stone or gravel to open voids as required to keep sediment from tracking onto the street.	
How to install: Rock Size: Use a mix of 1 to 4 inch stone Depth: 8 inches minimum Width: 12 feet minimum, flared at road for vehicle turning Length: 40 feet minimum (or length of driveway) for residential projects, 150 feet for commercial projects Gravel: Place filter cloth under entire stone bed Maintenance: Redress with clean stone or gravel to open voids as required to keep sediment from tracking onto the street.		How to install: Rock Size: Use a mix of 1 to 4 inch stone Depth: 8 inches minimum Width: 12 feet minimum, flared at road for vehicle turning Length: 40 feet minimum (or length of driveway) for residential projects, 150 feet for commercial projects Gravel: Place filter cloth under entire stone bed Maintenance: Redress with clean stone or gravel to open voids as required to keep sediment from tracking onto the street.	
6. Divert Upland Runoff Purpose: Diversion berms intercept stormwater runoff circumventing them above the construction site and direct it around the site perimeter to prevent sediment from entering the construction site, thus reducing the potential for erosion and reducing the drainage area contributing to the site. Requirements: If stormwater runoff contributes to the construction site from upslope areas and the site meets the following two conditions, you are required to install a diversion berm: 1. The diversion berm must be installed before disturbing any additional soil. 2. Average slope of the disturbed area is 20% or steeper.* * See page 63 for slope calculations.		How to install: Rock Size: Use a mix of 1 to 4 inch stone Depth: 8 inches minimum Width: 12 feet minimum, flared at road for vehicle turning Length: 40 feet minimum (or length of driveway) for residential projects, 150 feet for commercial projects Gravel: Place filter cloth under entire stone bed Maintenance: Redress with clean stone or gravel to open voids as required to keep sediment from tracking onto the street.	
7. Install Perimeter Controls Purpose: Site Fences and Erosion Control Berms intercept runoff and allow suspended sediment to settle or filter out. Filter socks and straw wattles also filter construction runoff and are acceptable for use in specific situations. Site Fences, Erosion Control Berms, Filter Socks and Straw Wattles are all acceptable perimeter controls based on site specific conditions. Perimeter controls must ensure the right practice is selected for erosion prevention and sediment control. Requirements: Perimeter controls must be installed: • On the downhill side of the construction activities • Between any ditch, swale, storm drain, or surface water and the disturbed soil • Perimeter controls not located as biodegradable shall be removed once the drainage area has reached final stabilization * Hay bales must not be used exclusively as sediment barriers due to their tendency to degrade and fall apart and may only be used in support of other required practices.		How to install: Rock Size: Use a mix of 1 to 4 inch stone Depth: 8 inches minimum Width: 12 feet minimum, flared at road for vehicle turning Length: 40 feet minimum (or length of driveway) for residential projects, 150 feet for commercial projects Gravel: Place filter cloth under entire stone bed Maintenance: Redress with clean stone or gravel to open voids as required to keep sediment from tracking onto the street.	

ITW TINMOUTH	
Industrial Tower and Wireless	
402 VT ROUTE 140 TINMOUTH, VT 05773	
SHEET TITLE	
EPSC LOW RISK HANDBOOK	
PERMIT PLANS	
DESIGNED BY	DATE
JWP	NOV. 2024
CHECKED BY	DATE
LJH	4/30/21
PROJ. ENG.	DATE
LJH	4/30/21
SHEET NUMBER	
C-11	

SERVICE LIST FOR NOTICE

Statutory Parties:

Holly Anderson, Clerk
Vermont Public Utility Commission
112 State Street, 4th Floor
Montpelier, VT 05620-2701

Kelly Hughes, Paralegal
ANR Office of Planning and Legal Affairs
1 National Life Drive
Montpelier, VT 05402-3901

Elizabeth Peebles
Vermont Div. for Historic Preservation
National Life Building, 6th Floor
Montpelier, VT 05620-1201

Geoff Commons, Dir. for Public Advocacy
c/o Sarah L.J. Aceves, Special Counsel
Vermont Department of Public Service
112 State Street, Drawer 20
Montpelier, VT 05620-2601

Vermont Agency of Transportation
One National Life Drive
Montpelier, VT 05633-5001

June Tierney, Commissioner
Vermont Department of Public Service
112 State Street, Drawer 20
Montpelier, VT 05620-2601

Kevin Eaton, Chair
Town of Tinmouth Selectboard
515 North End Road
Tinmouth, VT 05773

Michael Fallar, Chair
Town of Tinmouth Planning Commission
516 North End Road
Tinmouth, VT 05773

Erika Berner, Chair
Rutland Regional Planning Commission
P.O. Box 430
Rutland, VT 05702

George Herrick, III and Paul E. Herrick
2212 Tinmouth Road
Danby, VT 05739

Adjoining Landowners:

Last Name	First Name	Address	Parcel ID:
Vermont Agency of Natural Resources	C/O Vermont Fish and Wildlife	103 S MAIN ST 10 SOUTH WATERBURY, VT, 05676-9911	CHANNEL1.000
TINMOUTH CEMETERY ASSOCIATION	C/O GLENN MERRILL	78 MERRILL SPRING ROAD TINMOUTH, VT, 05773	01400429.000
Vermont Agency of Natural Resources	C/O Vermont Fish and Wildlife	103 S MAIN ST 10 SOUTH WATERBURY, VT, 05676-9911	CHANNEL3.000
Blanchard	Zachary	803 Trap Shooter Circle, Longs, SC 29568	01400455.000
Jaquay	Nelson and Beatrice	456 Route 140 TINMOUTH, VT, 05773	01400456.000