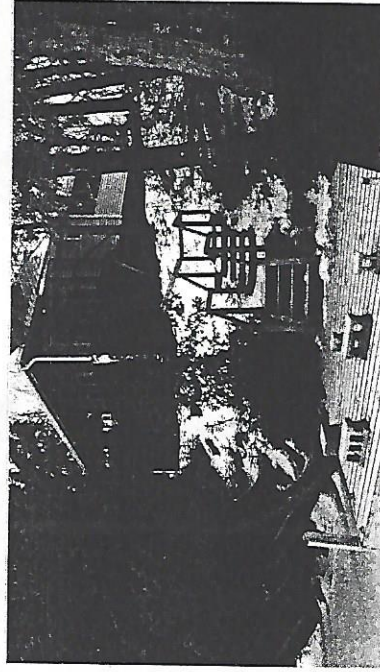
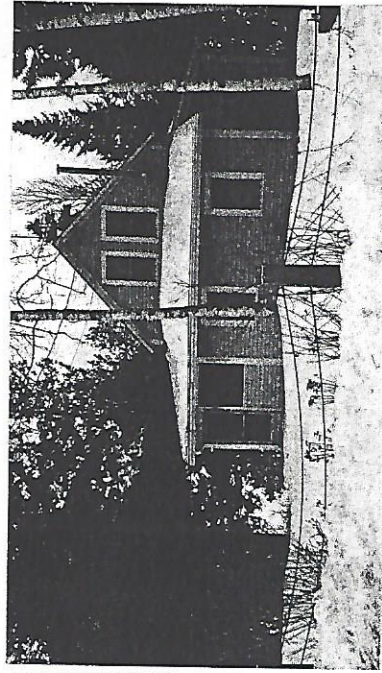


The image contains two architectural drawings of a building facade. The top drawing is a perspective view of a building with a gabled roof and a series of windows. The bottom drawing is a section view of the same building, showing the internal structure and a staircase. The drawings are labeled with 'JOHN SHE' and '2025 F-1 X 2'.



INDEX OF SHEETS

- 1- EXISTING SITE PLAN
- 2- PROPOSED SPA PLAN
- 3- EPSC NOTES
- 4- EPSC PHASE 1
- 5- EPSC PHASE 2
- 6- EPSC PHASE 3
- 7- EPSC PHASE 4
- 8- EPSC DETAIL EXAMPLES
- 9- EPSC DETAIL EXAMPLES

ELEVATIONS BY SAM SCOFIELD ARCHITECT
PO BOX 773, STOWEE, VT 05872, DATED 1/3/20

Preliminary-Not for Construction

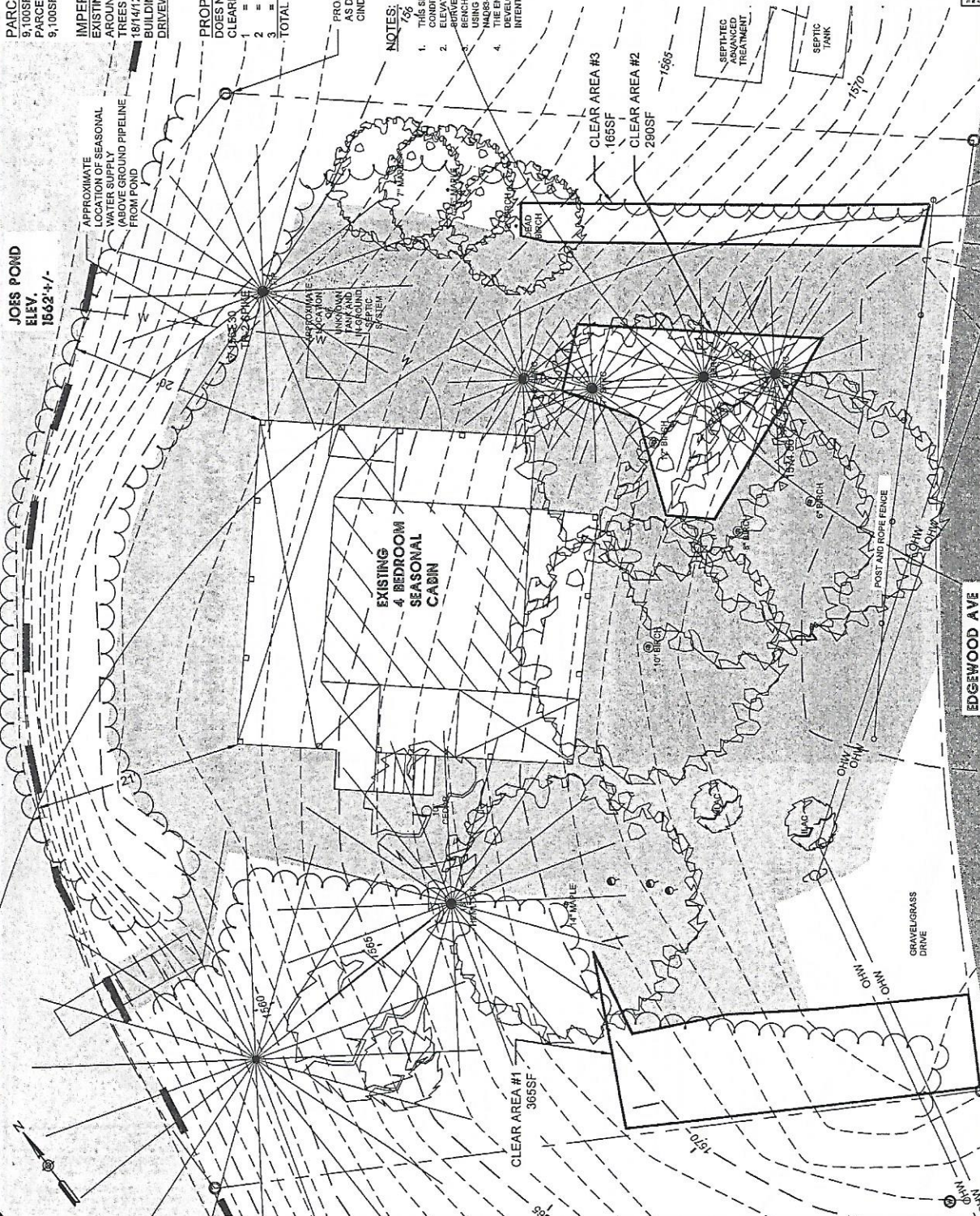
CINDY DONLAN & LYNN ZIDER
122 EDGEWOOD AVE, DANVILLE

RUGLES
ENGINEERING SERVICES, INC.
4550 MEDICAL DRIVE, ST. JOHNSBURY, VT 05897
Civil Engineering-Site Permitting
Water, Sewer and Stormwater System Design
802-745-5995

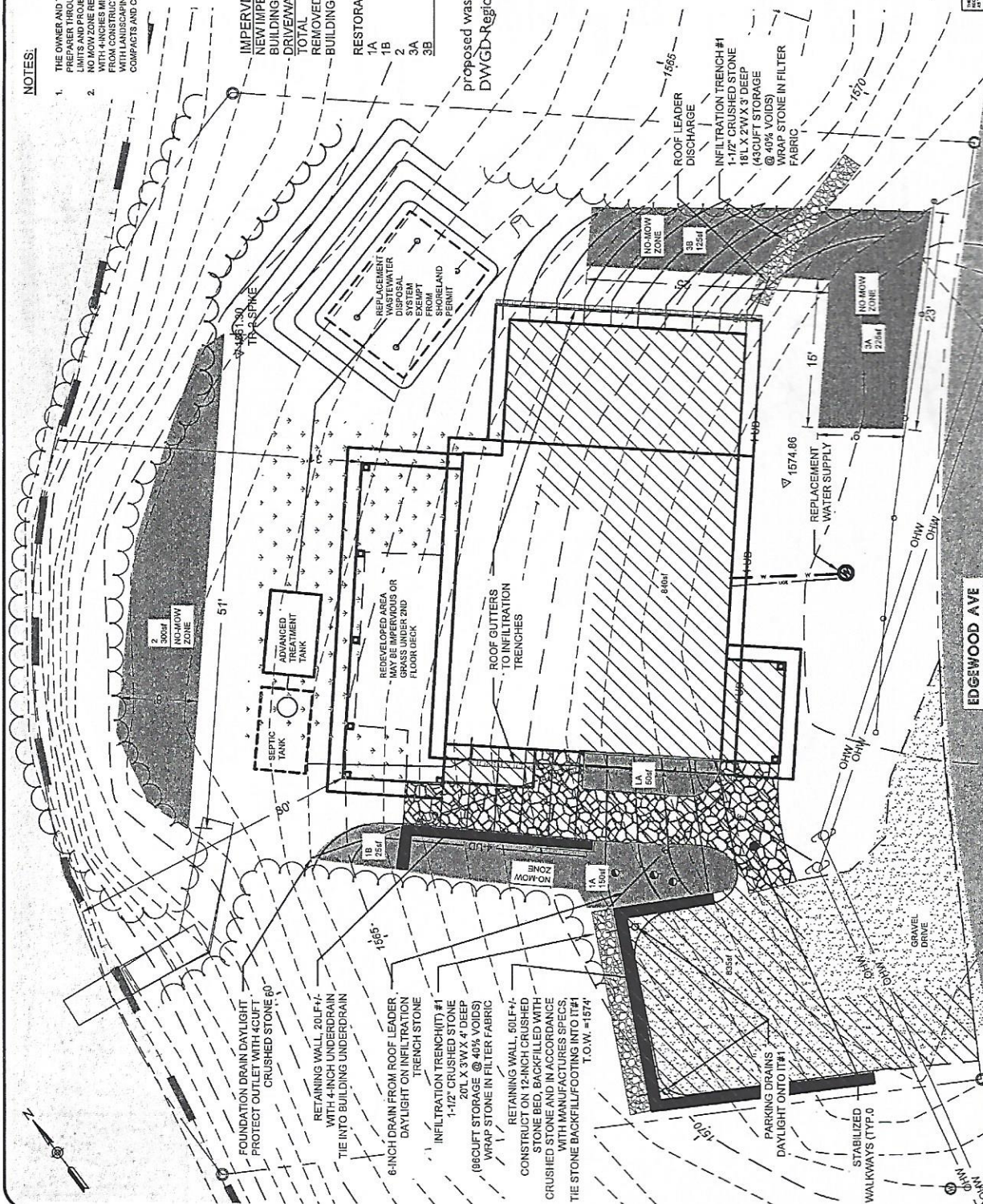
COVER

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THE \$4 DONATION PROVIDED HEREIN FOR A FUTURE APPLICATION DOES NOT CONSTITUTE A RIGHT OR GUARANTEE OF A FUTURE AWARD OF A CONTRACT. THE \$4 DONATION IS NOT A GUARANTEE OF A FUTURE AWARD OF A CONTRACT. THE \$4 DONATION IS NOT A GUARANTEE OF A FUTURE AWARD OF A CONTRACT.



GENERAL NOTES:

1. THE CONTRACTOR SHALL MODIFY THIS PLAN AS NECESSARY BASED ON SITE SPECIFIC MEANS AND METHODS.
2. ALL MODIFICATIONS TO THIS PLAN WILL BE BORE BY THE CONTRACTOR.

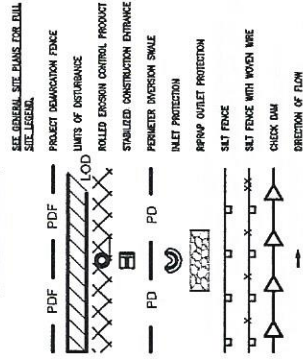
PROJECT DESCRIPTION:

1. THIS PROJECT INCLUDES THE REPLACEMENT OF A 4 BEDROOM SEASONAL CAMP WITH A TWO BEDROOM YEAR ROUND HOME. IT ALSO INCLUDES THE REPLACEMENT OF AN ONSITE WASTEWATER DISPOSAL SYSTEM AND THE REPLACEMENT OF A NON-POTABLE WATER SUPPLY.
2. THE PROJECT ALSO REQUIRES A SHORELAND PERMIT. THIS PERMIT REQUIRES THE MINIMAL EROSION AND IMPACTS TO WATER QUALITY. THE PROJECT ALSO REQUIRES THAT BEST MANAGEMENT PRACTICES BE USED TO MANAGE, TREAT AND CONTROL EROSION GENERATED BY STORMWATER RUNOFF FROM PORTIONS OF IMPERVIOUS SURFACES THAT EXCEED 20%. THE PROJECT ALSO REQUIRES REVEGETATION TO THE SHORELAND PERMIT. THIS PLAN HAS BEEN DESIGNED TO SHOW THE PHASES OF CONSTRUCTION AND HOW EROSION PROTECTION AND SEDIMENT CONTROL TECHNIQUES WILL BE USED AS THE PROJECT PROGRESSES.
3. IDENTIFY THE SOIL AS LOAMY FINE SAND. USDA-NRCS SOIL MAPS IDENTIFY THE SOIL AS DUMMERSTON VERY FINE SANDY LOAM, 15 TO 35 PERCENT SLOPE AND VERY STONEY.
4. BEDROCK IS EXPECTED AT 25 TO 40 FEET BASED ON NEARBY WELL REPORTS.
5. THIS PROJECT WILL GENERATE WASTE SOIL THAT WILL NEED TO BE DISPOSED OF OFF-SITE.

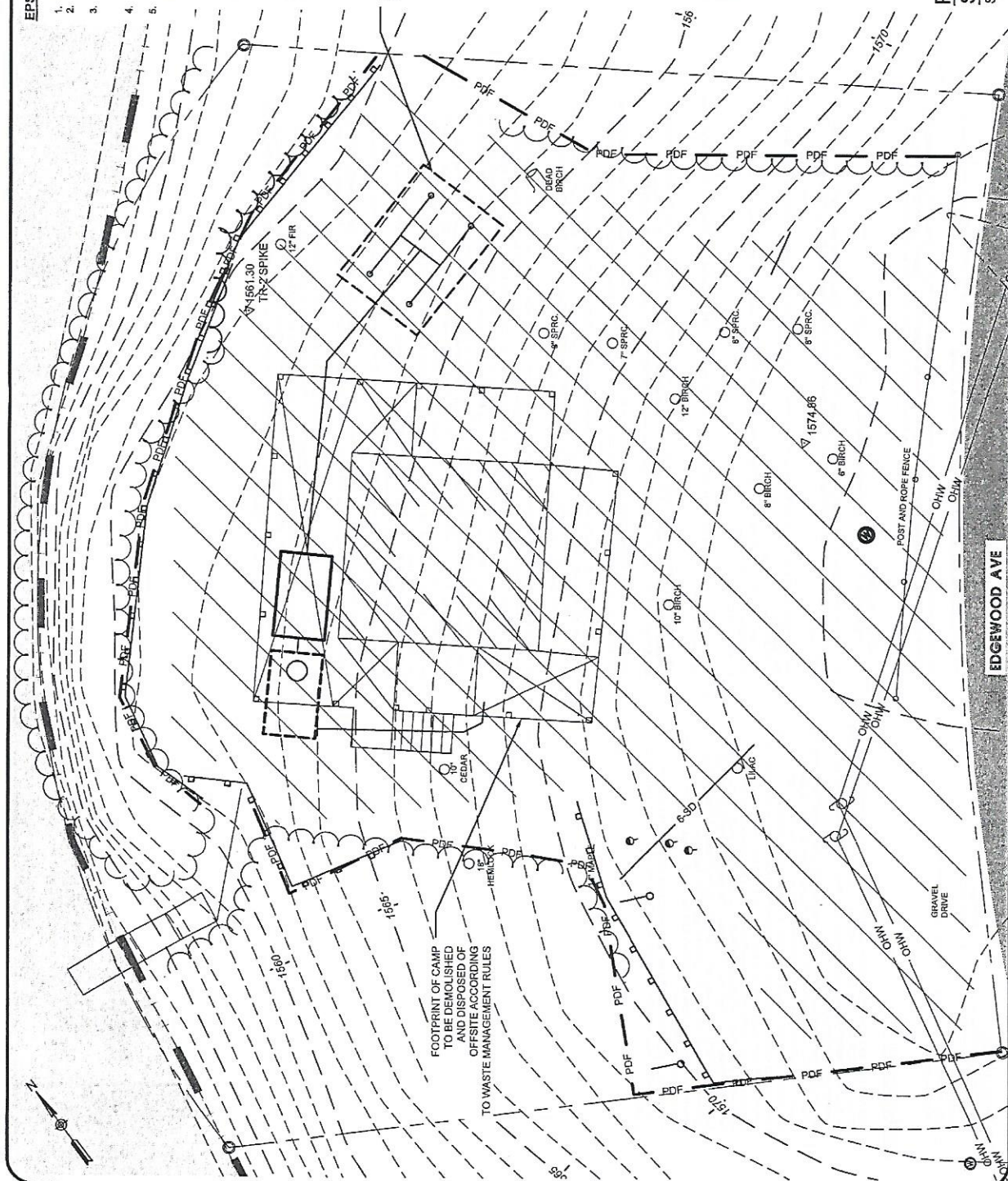
EPSC NOTES AND CONDITIONS:

1. ALL AREAS OF DISTURBANCE MUST BE STABILIZED DURING CONSTRUCTION AS TO NOT CAUSE EROSION OUTSIDE OF THE WORK AREA OR THE DISCHARGE OF SEDIMENT INTO THE LAKE.
2. LIMITS OF DISTURBANCE SHALL BE THE FIRST CONSTRUCTION ITEM IMPLEMENTED. ALL AREAS TO BE DISTURBED AS SHOWN ON THE PLANS, BARRIER TAPE SHALL BE USED. BARRIER TAPE IS HIGH VISIBILITY FIBER-GLASS TAPE, MINIMUM 3" IN WIDTH. BARRIER TAPE SHOULD BE ATTACHED TO STAKES AT A MINIMUM HEIGHT OF 4 FT FROM THE GROUND.
3. INSPECTION RECORDS.
4. IT IS RECOMMENDED THAT THE CONTRACTOR MAINTAIN INSPECTION RECORDS.
5. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED.
6. ALL SEDIMENT REMOVED FROM SEDIMENT CONTROL PRACTICES AS PART OF MAINTENANCE SHALL BE DISPOSED OF IN AN AREA THAT IS:
A. LESS THAN 5% IN SLOPE.
B. AT LEAST 100 FEET FROM ANY DOWNSTREAM WATER BODY OR CONVEYANCE TO A WATERBODY (INCLUDING STORMDRAIN INLET OR DITCH)
C. VEGETATED.
7. FOR ANY AREA TO BE STABILIZED FOR WINTER BY VEGETATIVE COVER, SEEDING MUST BE COMPLETED NO LATER THAN SEPTEMBER 15TH.
8. ANY AREA TO BE STABILIZED FOR WINTER THAT DOES NOT HAVE ESTABLISHED VEGETATION BY OCTOBER 15 MUST BE STABILIZED BY ANCHORED MULCH AT THE WINTER APPLICATION RATE, OR OTHER APPROVED STABILIZATION MEASURES (E.G. ROLLED EROSION CONTROL PRODUCT). DORMANT SEED (WINTER RYE) IS RECOMMENDED.
9. DISTURBED AREAS BORDERING AND DRAINING TO ROADS MUST HAVE AN APPROPRIATE SEDIMENT BARRIER SPANNING THE EDGE OF THE DISTURBANCE TO PREVENT WASHING OF SEDIMENT ONTO ROADWAYS OR INTO ROAD DITCHES.
10. MAINTENANCE TO THE EROSION AND SEDIMENT CONTROLS MUST BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION. EXCEPT AS NOTED BELOW, ALL SITES SHALL BE SEEDED AND STABILIZED WITH EROSION CONTROL MATERIALS, SUCH AS MULCH OR ROLLED EROSION CONTROL PRODUCTS, INCLUDING AREAS WHERE CONSTRUCTION HAS BEEN SUSPENDED OR SECTIONS COMPLETED.
11. A. FOR ACTIVE CONSTRUCTION AREAS SUCH AS BORROW OR STOCKPILE AREAS AND AREAS WITHIN 50 FEET OF A BUILDING UNDER CONSTRUCTION, A PERIMETER SEDIMENT CONTROL SYSTEM CONSISTING, FOR EXAMPLE, OF SILT FENCE SHALL BE INSTALLED AND MAINTAINED TO CONTAIN SOIL. EXPOSED DISTURBANCE AREAS ADJACENT TO A CONVEYANCE THAT PROVIDES RAPID OFFSITE DISCHARGE OF SEDIMENT, SUCH AS A CUT SLOPE AT AN ENTRANCE, SHALL BE COVERED WITH SOD OR GEOTEXTILE TO PREVENT SOIL LOSS UNTIL IT CAN BE STABILIZED. STABILIZED CONSTRUCTION TRAILERS SHALL BE COVERED WITH SOD OR GEOTEXTILE TO PREVENT SOIL LOSS UNTIL THEY ARE MOVED.
12. C. PERMANENT SEEDING SHALL ONLY BE UNDERTAKEN IN THE SPRING FROM APRIL THROUGH MAY, AND IN LATE SUMMER AND EARLY FALL UNTIL SEPTEMBER 15, EXCEPT THAT PERMANENT SEEDING MAY BE UNDERTAKEN DURING THE SUMMER IF PLANS PROVIDE FOR ADEQUATE WATERING. DURING THE PEAK SUMMER MONTHS AND IN THE FALL AFTER SEPTEMBER 15, WHEN SEEDING IS FOUND TO BE IMPRACTICAL AN APPROPRIATE TEMPORARY STABILIZATION MATERIAL SHALL BE USED.
13. D. TEMPORARY SEDIMENT TRAPPING DEVICES SHALL NOT BE REMOVED UNTIL PERMANENT STABILIZATION IS ESTABLISHED IN ALL CONTRIBUTING DRAINAGE AREAS.
14. F. STABILIZATION MEASURES SHALL BE APPLIED TO EARTHEN STRUCTURES SUCH AS DAMS, DIKES, AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION.
15. G. WETTED AREAS SHALL BE STABILIZED WITH SOD, SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED COMPLETION BE IMMEDIATELY STABILIZED WITH SOD, SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES.
16. H. AREAS OUTSIDE OF PERMANENT SEDIMENT CONTROL SYSTEMS SHALL NOT BE DISTURBED.
17. I. IN ADVANCE OF A PREDICTED RAINFALL OR SNOWMELT EVENT, ALL MANAGEMENT PRACTICES APPROPRIATE TO CURRENT AREAS OF DISTURBANCE MUST BE CHECKED AND REPAIRED AS NECESSARY TO ENSURE PROPER OPERATING CONDITIONS. IF NECESSARY TO PREVENT SEDIMENT DISCHARGE FROM THE CONSTRUCTION SITE TO WATERS OF THE STATE, THIS WILL INCLUDE THE TEMPORARY STABILIZATION OF ALL DISTURBED SOILS ON THE SITE IN ADVANCE OF THE ANTICIPATED RUNOFF PERIOD.

EPSC LEGEND



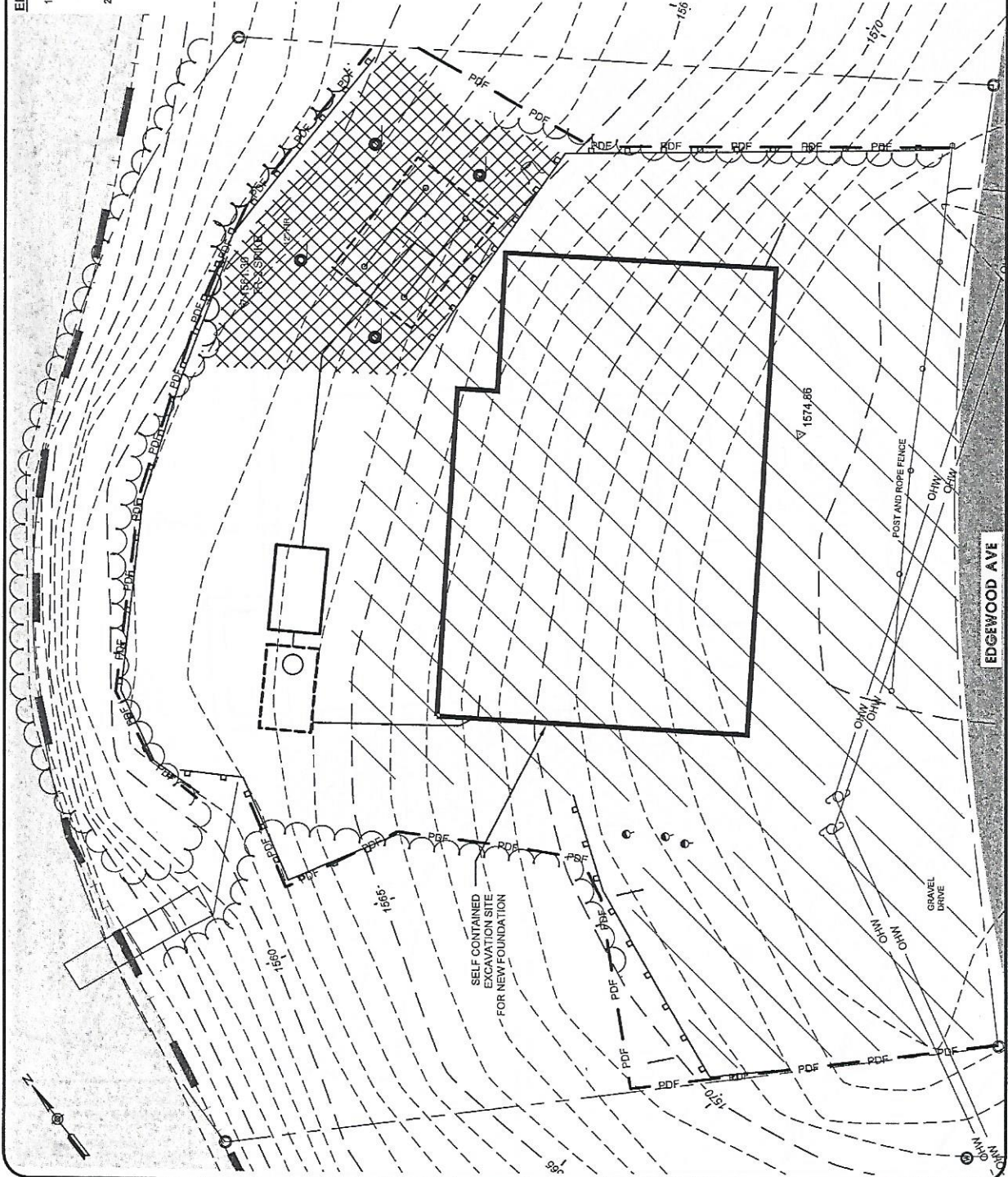
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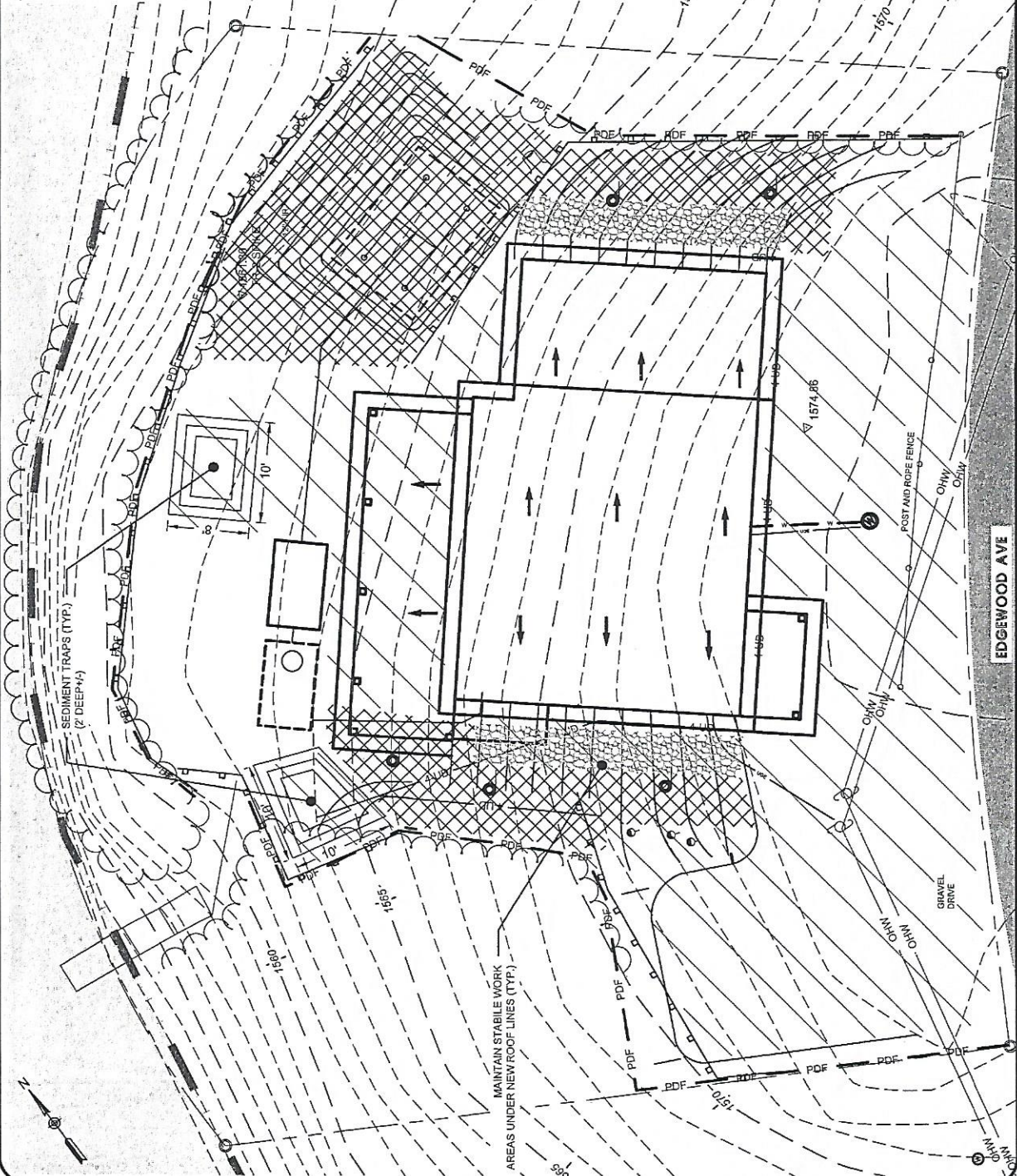
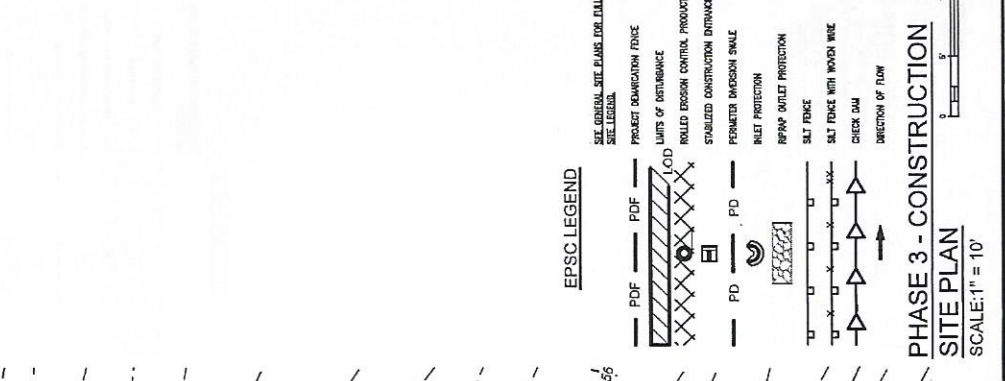
PHASE 2 CONSTRUCTION

SITE PLAN

SCALE: 1" = 10'



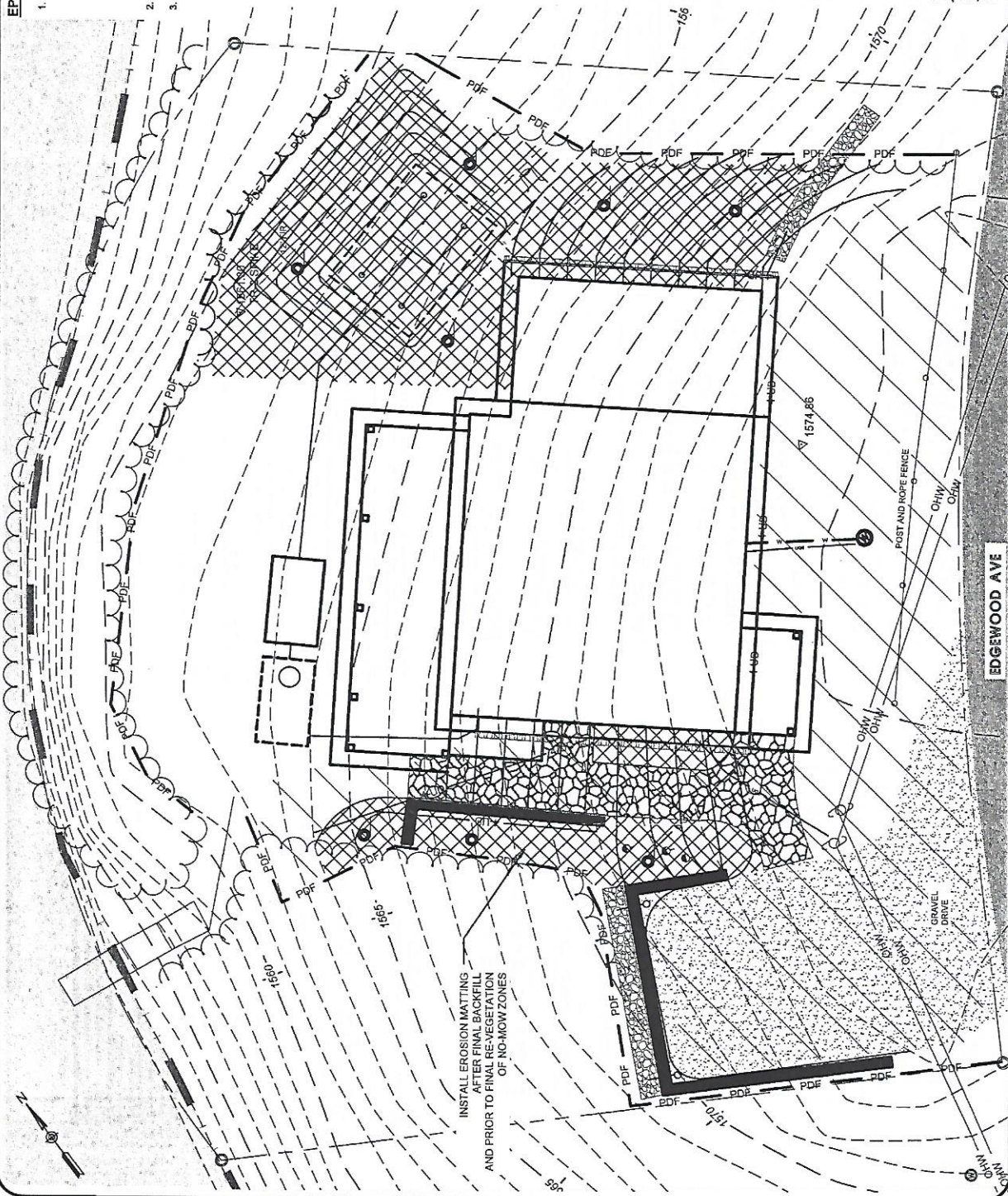
EPSC CONSTRUCTION SEQUENCE:
 1. ONCE THE FOUNDATION IS CONSTRUCTED AND THE BUILDING FRAMING RISES, THE NEW ROOFTOPS WILL BE BUILT. THE WORK AREA AROUND THE BUILDING WILL BE EXPOSED TO CONCENTRATED FLOWS DURING RAIN EVENTS WHILE SOILS ARE EXPOSED. STRATEGIES NEED TO INCLUDE DIGGING SUMPS FOR RUNOFF TO FILL AND DRAIN SLOWLY. ALSO WORK AREAS BELOW THE ROOF EYES WILL NEED TO BE BENCHMARKED WITH CRUSHED STONE MULCH. EROSION PROTECTION AND STABILIZATION STRATEGIES WILL NEED TO CHANGE DEPENDING ON BACKFILL AND DISTURBANCE.



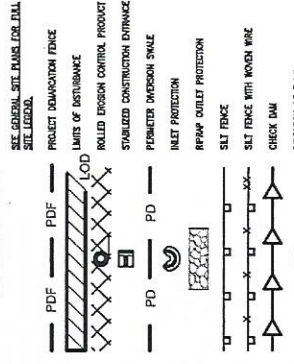
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EPSC CONSTRUCTION SEQUENCE:

1. AS EXTERIOR BUILDING CONSTRUCTION COMES TO A COMPLETION, BACKFILL AND SITE WORK CAN BE IMMEDIATELY. FINAL BACKFILL OF SLOPES WILL NEED TO BE IMMEDIATELY COVERED WITH EROSION MATTING AND SEED SUCH AS WINTER RYE. GUTTERS NEED TO BE INSTALLED AND DRAINAGE TO THE INFILTRATION TRENCHES. GRAVEL PARKING LOT MATERIALS NEED TO BE INSTALLED AND ALL RETAINING WALLS NEED TO BE COMPLETED.
2. ONCE VEGETATION STABILIZES THE SLOPES, SILT FENCE CAN BE REMOVED. VEGETATION CAN BE RE-PLANTED.
3. UPON COMPLETION OF THE CONSTRUCTION PHASE, THE RE-VEGETATION AND THE NO-MOW PLAN AS SHOWN ON SHEET 2 FOR THE SHORELAND PROTECTION AREA PERMIT NEED TO BE ESTABLISHED.



EPSC LEGEND



PHASE 4 - CONSTRUCTION
SITE PLAN
SCALE: 1" = 10'

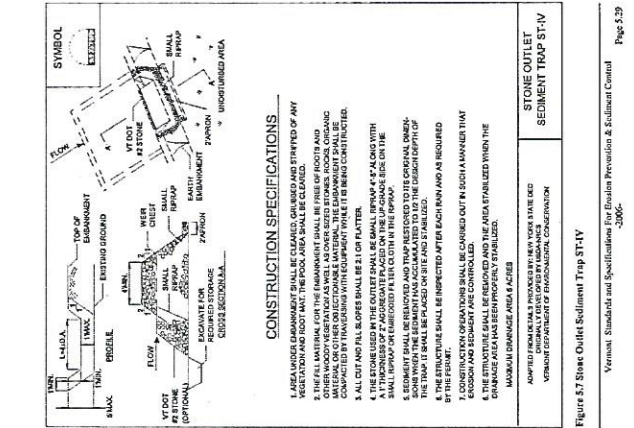
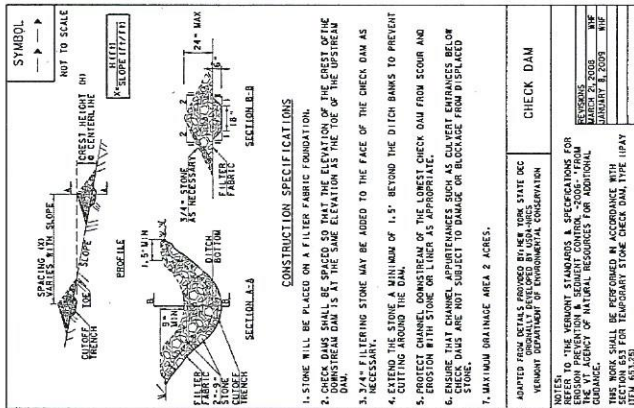
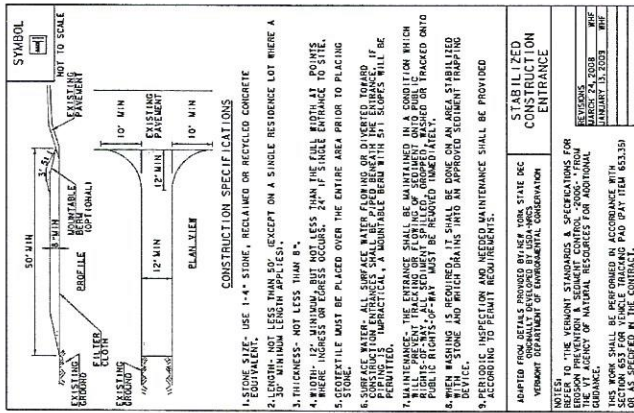


Figure 5.7 Stone Outlet Sediment Trap ST-IV
Vermont Standards and Specifications for Erosion Prevention & Sediment Control
-2006-