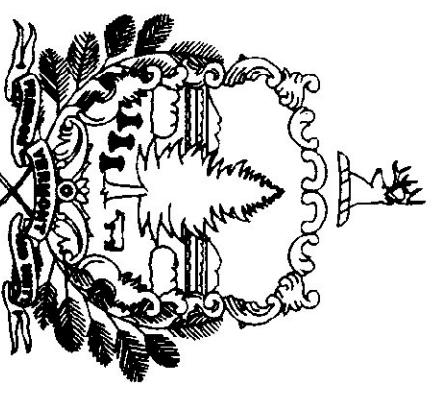
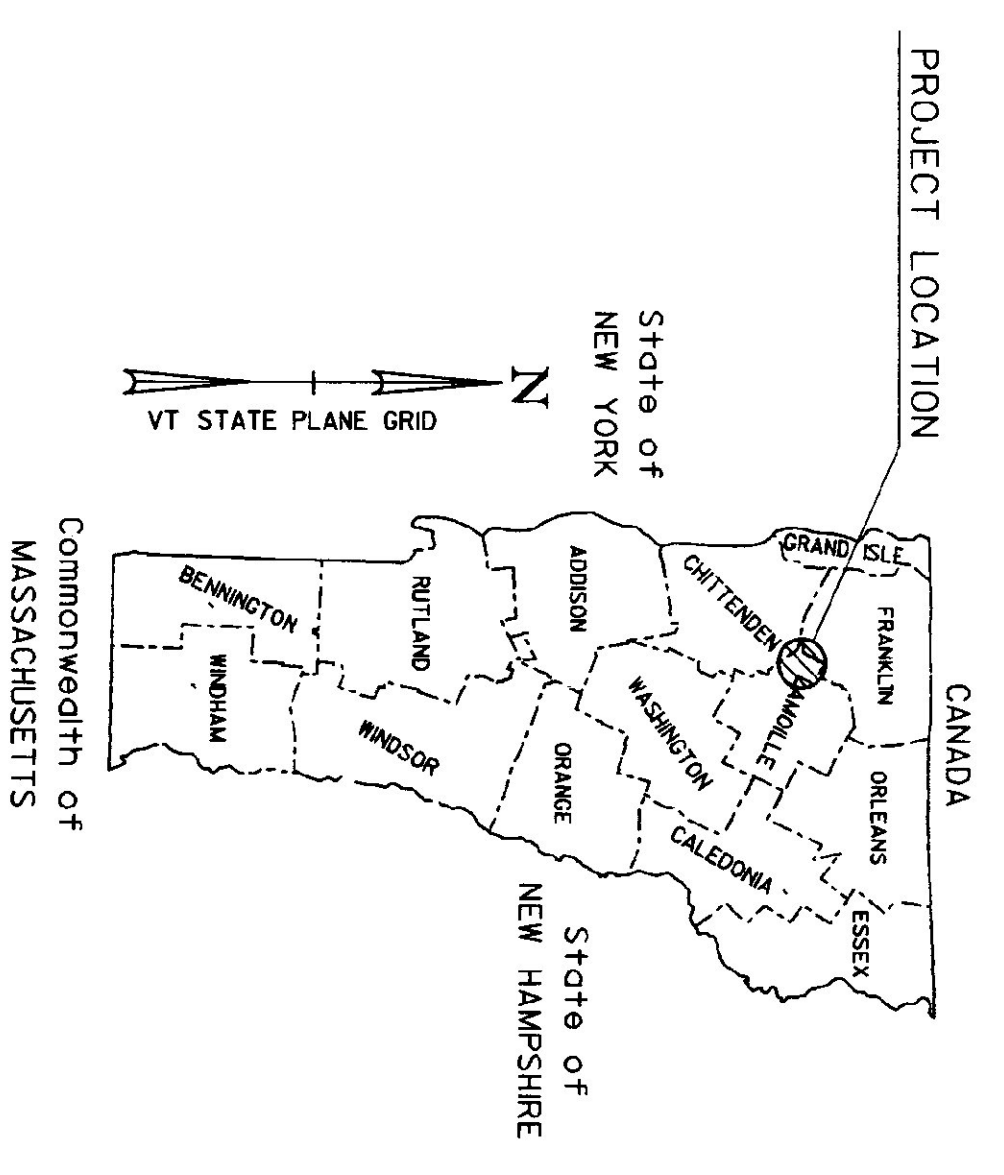
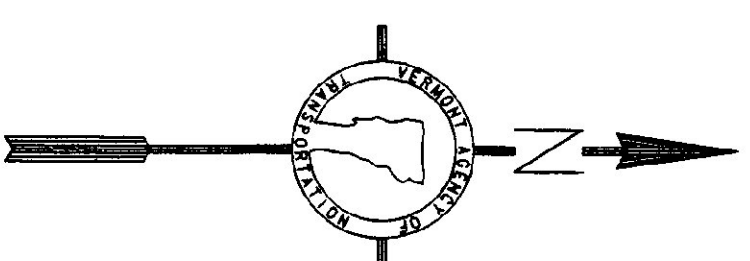
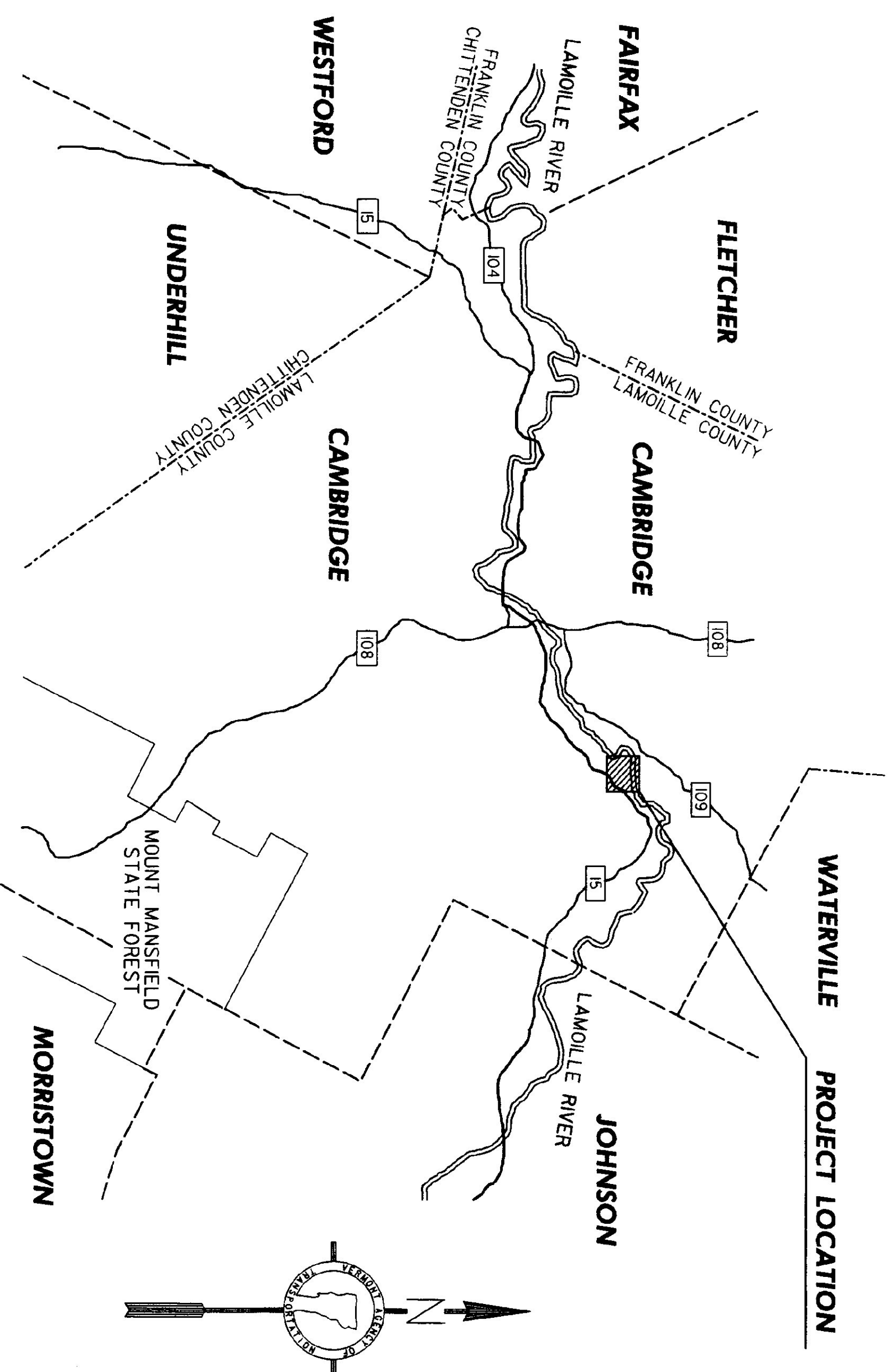


INDEX OF SHEETS	
1.	TITLE SHEET
2.	GENERAL NOTES & DETAILS
3.	SITE PLAN
4.	LOCATION AND BUILDING - 50' X 64' SALT SHED
5.	QUANTITY SHEET
STANDARDS	
B-5	SLOPE GRADING, EMBANKMENTS, MUCK
D-3	TREATED GUTTERS
T-1	TEMPORARY EROSION CONTROL DETAILS
T-2	TEMPORARY EROSION CONTROL DETAILS

	06/01/94
B-5	06/01/94
D-3	06/01/94
T-1	06/01/94
T-2	06/01/94

STATE OF VERMONT
 AGENCY OF TRANSPORTATION

 PROPOSED IMPROVEMENT
 CONSTRUCTION OF NEW
 SAND-SALT SHED
 TOWN OF CAMBRIDGE
 COUNTY OF LAMOILLE

WORK TO BE PERFORMED UNDER THIS CONTRACT INCLUDES
 CONSTRUCTION OF A NEW SAND-SALT SHED, SITE WORK,
 PAVING, DRAINAGE, LANDSCAPING, AND INCIDENTAL ITEMS.



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE CHIEF ENGINEER, CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON MARCH 15, 1990 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DATUM	
VERTICAL	
HORIZONTAL	



540 COMMERCIAL ST.
 FERRISVILLE, VT 05752
 TEL: (802) 868-4223
 FAX: (802) 868-8802
 E-MAIL: CED@CEDENGINEERS.COM

APPROVED *David A. Davis* DATE 9/10/98
 DIRECTOR OF PROJECT DEVELOPMENT
 PROJECT CAMBRIDGE STP SALT (2)S
 SHEET 1 OF 5 SHEETS

- NOTES:
1. ALL PROPOSED PAVEMENT SHALL HAVE A 1/4" THICK TYPE III WEARING COURSE AND A 1/2" THICK TYPE II BINDER COURSE. ITEM 406.25 BITUMINOUS CONCRETE PAVEMENT, UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED IN BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-28.
 2. TACK COAT: ITEM 404.65, EMULSIFIED ASPHALT, IS TO BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANE SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.015 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
 3. CROSS HATCHED AREAS ON PLAN SHALL HAVE EXISTING SURFACES REMOVED (PAID AS ITEM 203.28, EXCAVATION OF SURFACES AND PAVEMENTS), WITH CLEAN CUT EDGES ALONG JOINTS, TAKING CARE TO NOT DISTURB REMAINING PAVEMENT AND/OR SUBBASE. THE EXCAVATED MATERIAL SHALL BE REMOVED FROM THE PROJECT, AS DIRECTED BY THE RESIDENT ENGINEER.

4. EXISTING SUBBASE MATERIAL DEEMED UNSUITABLE BY THE ENGINEER SHALL BE EXCAVATED TO A DEPTH OF 3" +/- OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL SHALL BE USED AS BORROW OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE RESIDENT ENGINEER. EXCAVATION WILL BE PAID FOR AS ITEM 203.28 EXCAVATION OF SURFACES AND PAVEMENTS.
5. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28, SUBBASE OF CRUSHED GRAVEL (FINE GRADED).
6. ALONG THE CUT EDGES OF PAVEMENT, THE SUBBASE SHALL BE BROUGHT UP TO GRADE WITH ITEM 301.28, SUBBASE OF CRUSHED GRAVEL (FINE GRADED), AS DIRECTED BY THE RESIDENT ENGINEER. SEE DETAILS ON THIS SHEET.
7. THERE SHALL BE A 3" VERTICAL GRADE DIFFERENTIAL BETWEEN THE FINISH FLOOR ELEVATION OF THE SHEDS DOWN TO THE FINISH BITUMINOUS PAVEMENT ELEVATION ALONG THE DOOR OPENING, OR AS DIRECTED BY THE RESIDENT ENGINEER.
8. UPON COMPLETION OF THE GRADING OPERATIONS FOR EARTH SLOPE AREAS, THE CONTRACTOR SHALL IMMEDIATELY ESTABLISH VEGETATION IN ACCORDANCE WITH THE SEEDING REQUIREMENTS ON THIS SHEET.
9. SEE VAOT STANDARD DRAWINGS T-1 AND T-2 FOR TEMPORARY EROSION CONTROL DETAILS.
10. ALL EXISTING MATERIAL STORED ON SITE (SAND, COLD PLANE GRINDINGS, BRUSH, ECT.) SHALL BE REMOVED BY VAOT PRIOR TO CONSTRUCTION.
11. UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL WORK WITH THE VAOT IN DETERMINING ACTUAL LOCATION OF UTILITIES.

SEEDING FORMULA
RURAL AREAS

% WT.	LBS./A.	NAME	PUR. %	GERM. %
37.5	22.5	CREeping RED FESCUE	98	85
37.5	22.5	TALL FESCUE	95	90
5.0	3.0	RED TOP	95	90
15.0	9.0	BIRDSTOOT TREFOLI	98	85
5.0	3.0	ANNUAL RYE GRASS	95	85
100.0	60.0			

SEEDING FORMULA
URBAN AREAS

% WT.	LBS./A.	NAME	PUR. %	GERM. %
42.5	34.0	CREeping RED FESCUE	98	85
10.0	8.0	PERENNIAL RYE GRASS	95	90
42.5	34.0	KENTUCKY BLUE GRASS	85	85
5.0	4.0	ANNUAL RYE GRASS	95	85
100.0	80.0			

SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED: TO BE APPLIED PER SEEDING FORMULA OR AS DIRECTED BY THE ENGINEER.

FERTILIZER: FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

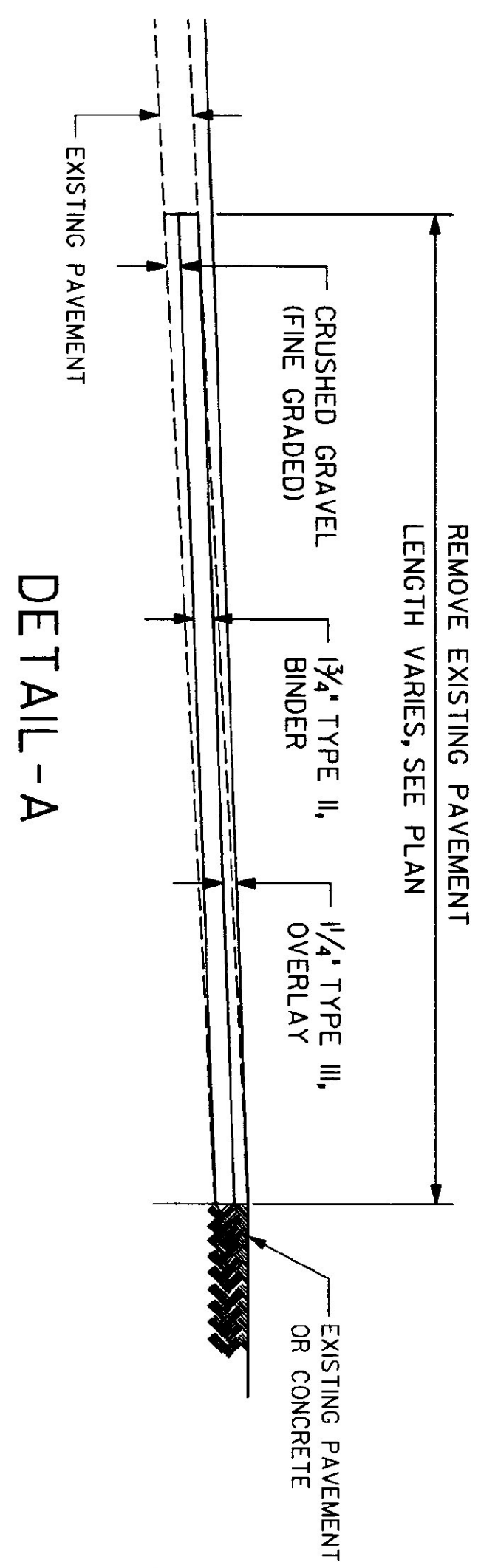
AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

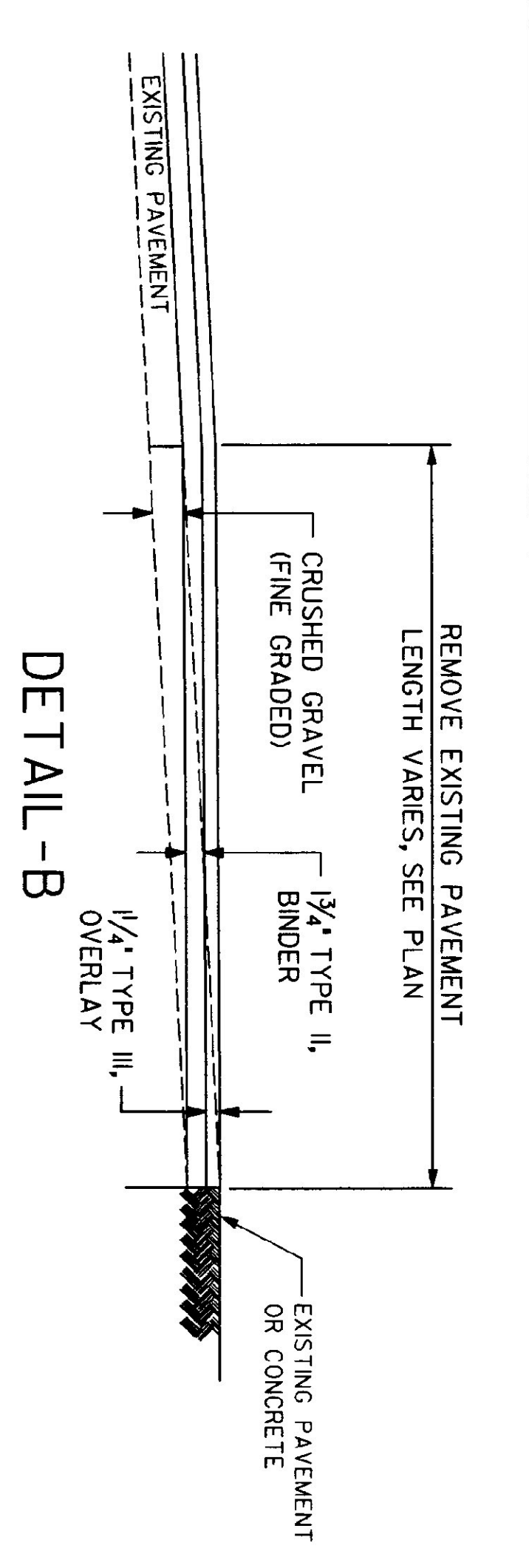
TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

DATUM
VERTICAL _____
HORIZONTAL _____

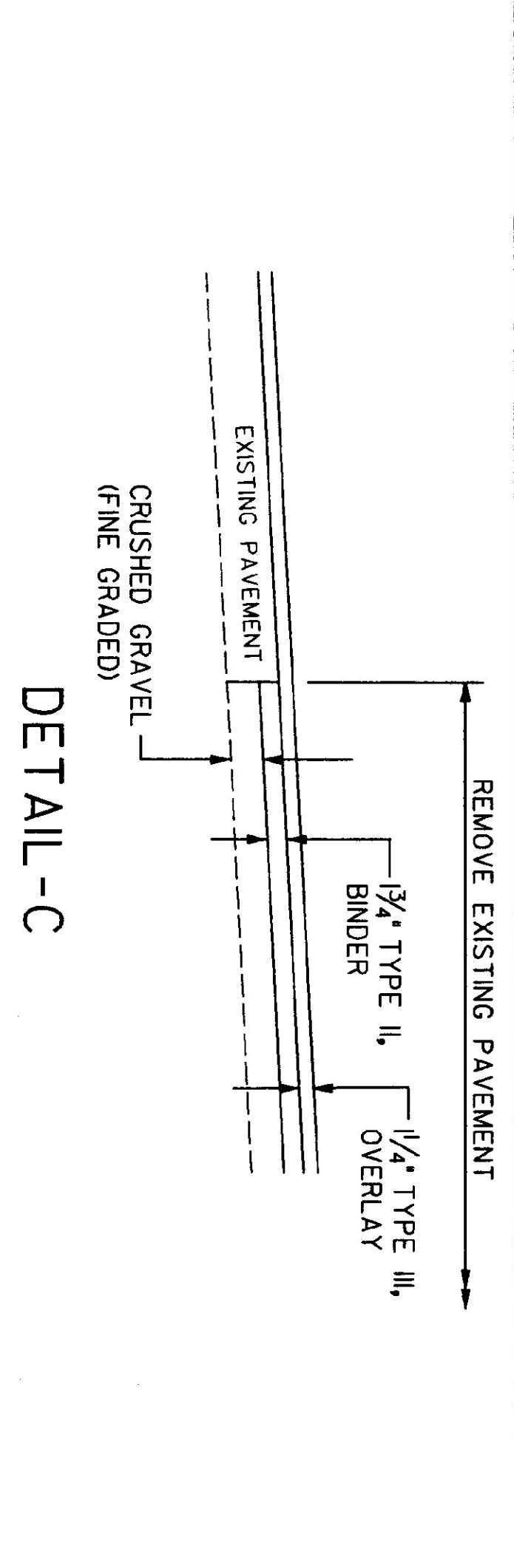
CEI
CONSULTING ENGINEERS
540 COMMERCIAL ST.
WINCHESTER, NH 03090
PH: (603) 668-8223
FAX: (603) 668-9802
E-MAIL: CEI@CEIENGINEERS.COM



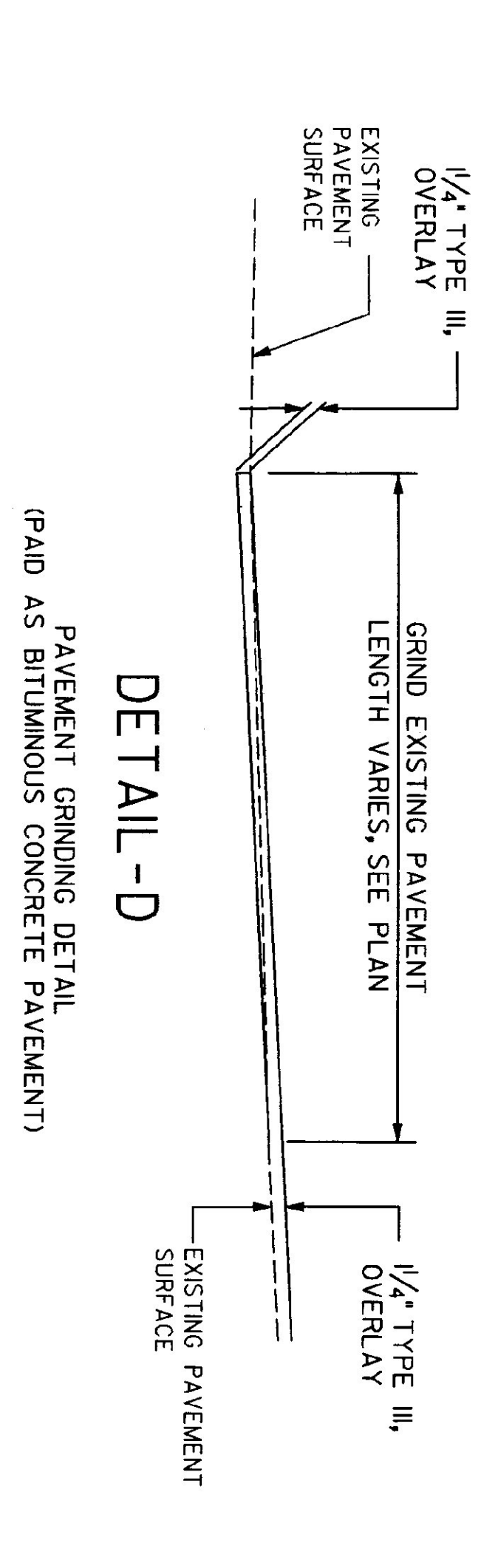
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- This detail does not apply to this project



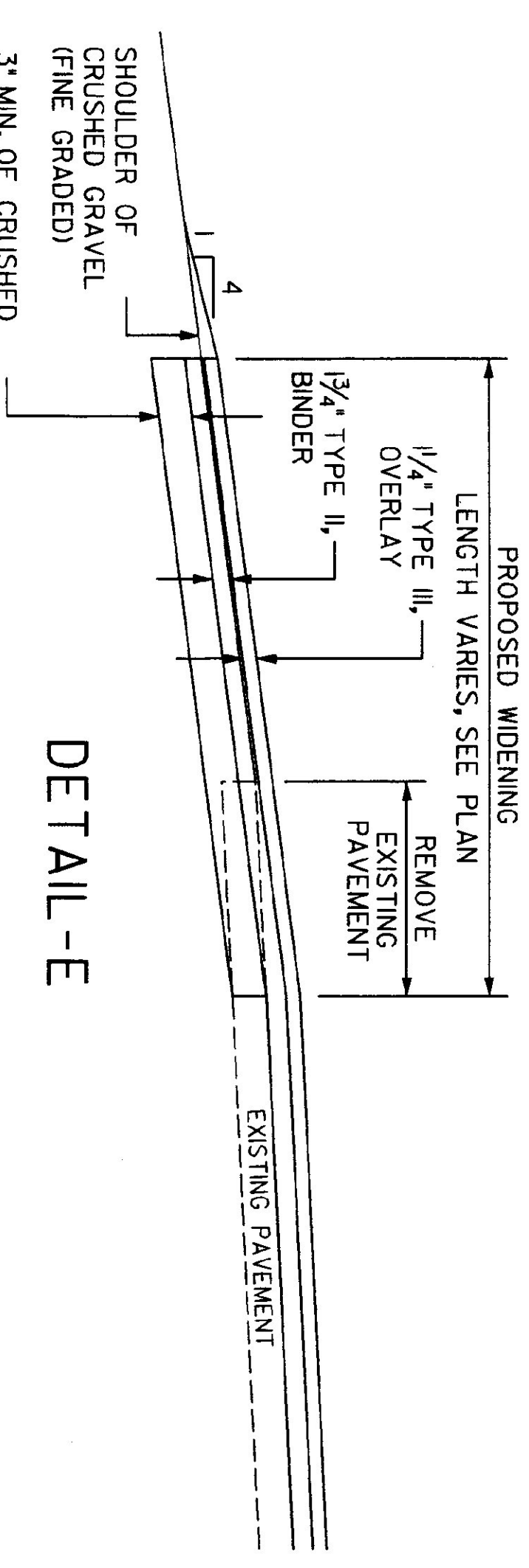
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- This detail applies to this project
- This detail does not apply to this project



- This detail applies to this project
- This detail does not apply to this project



- This detail applies to this project
- This detail does not apply to this project

- This detail applies to this project
- This detail does not apply to this project

- This detail applies to this project
- This detail does not apply to this project

PROJECT: CAMBRIDGE SALT SHED

PROJECT NO.: STP 5A15 (2)S

DESIGN FILE NAME: 982091TP.DGN

IPARM FILE NAME: CLD_ENGINEERS

SURVEYED BY: J. WARNER

SQUAD LEADER: J. WARNER

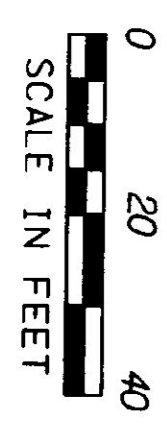
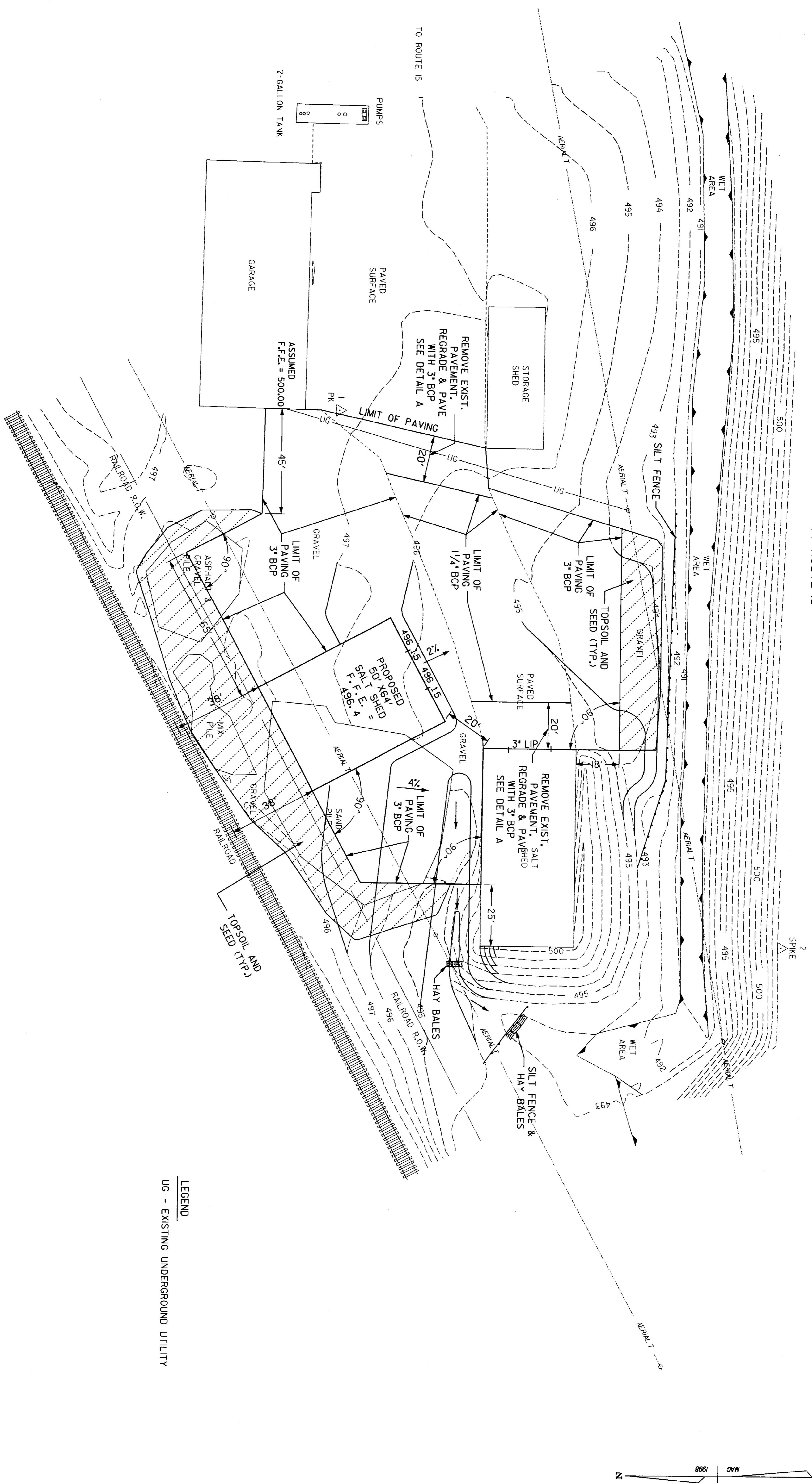
PLOT DATE: 13 AUG 98

SURVEY DATE: N/A

DRAWN BY: T. LUTHER

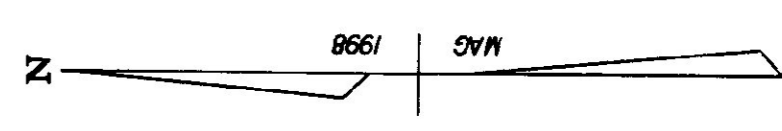
SHEET: 2 OF 5

VT ROUTE 15



LEGEND
UG - EXISTING UNDERGROUND UTILITY

PROJECT:	CAMBRIDGE SALT SHED	PROJECT NO.:	STP SALT (2)5
DESIGN FILE NAME:	98209BDR.DGN	PLOT DATE:	13 AUG 98
IPARM FILE NAME:		SURVEY DATE:	N/A
SURVEYED BY:	CLD ENGINEERS	DRAWN BY:	D. MUNRO
SQUAD LEADER:	J. WARNER	SHEET:	3 OF 5



QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION
STRUCTURES DIVISION

ITEM NO.	ITEM	UNIT	QUANTITY BREAKDOWN				TOTAL	FINAL	ITEM NO.	ITEM	UNIT	QUANTITY BREAKDOWN				TOTAL	FINAL
203.28	Excavation of Surfaces and Foundations	CY					20	20									
203.40	Fill Grading - Subgrade	SY					100	100									
301.26	Subbase of Crushed Stone (FINE GRADES)	CY					25	25									
404.65	Emulsified Asphalt	CWT					4	4									
406.25	Bituminous Concrete Pavement (R6 5B-2B)	TON					350	350									
608.25	ALL PURPOSE EXCAVATOR RENTAL, TYPE I (MARI)	HR					1	1									
608.37	TRUCK RENTAL (MARI)	HR					1	1									
609.10	Dust Control with Water	MGAL					4	4									
635.10	Mobilization	L.S.					1	1									
649.51	Geotextile for Silt Fence	SY					90	90									
651.15	SEED	LB.					21	21									
651.17	SEED - WINTER RYE	LB.					8	8									
651.18	FERTILIZER	LB.					130	130									
651.20	AGRICULTURAL LIMESTONE	TON					1	1									
651.25	HAY MULCH	TON					1	1									
651.26	HAY BALES FOR EROSION CONTROL	EACH					20	20									
651.35	TOPSOIL	CY					50	50									
654.10	EROSION MATTING	SY					60	60									
658.15	ROADSIDE REST FACILITY (MOD.) (SAND SHED 50 X 64)	LS					1	1									

BRIDGE AT STATION _____
LOCATION _____

PREPARED BY: *G. Newbury*
SUPERVISOR

CHECKED BY: *S. Doyne*
BR. *WA* OF *WA*

PROJECT NO: **STP SALT (2) 5**
SHEET NO: **5** OF **5**