

INDEX OF SHEETS

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STANDARDS

RECORD PLANS

CONTRACTOR: SPATES CONST.  
DERBY LINE, VT

RESIDENT ENGINEER: ROSS CLARK

CONSTRUCTION BEGAN: OCTOBER 27, 1998

CONSTRUCTION COMPLETED: SEPTEMBER 30, 1999

RECORD PLANS BY: CONSTRUCTION CADD

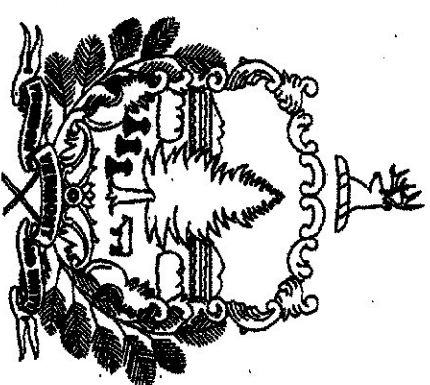
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY: *[Signature]* RESIDENT ENGINEER

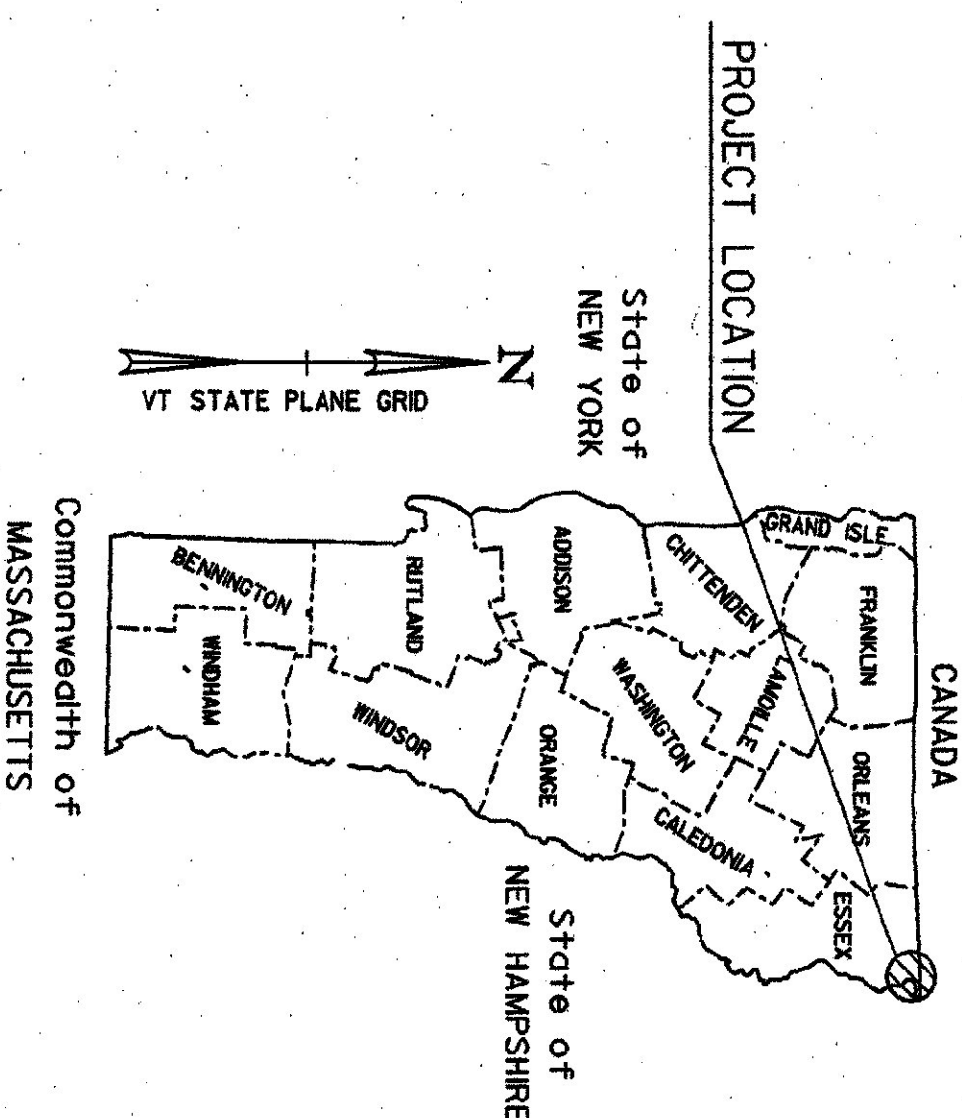
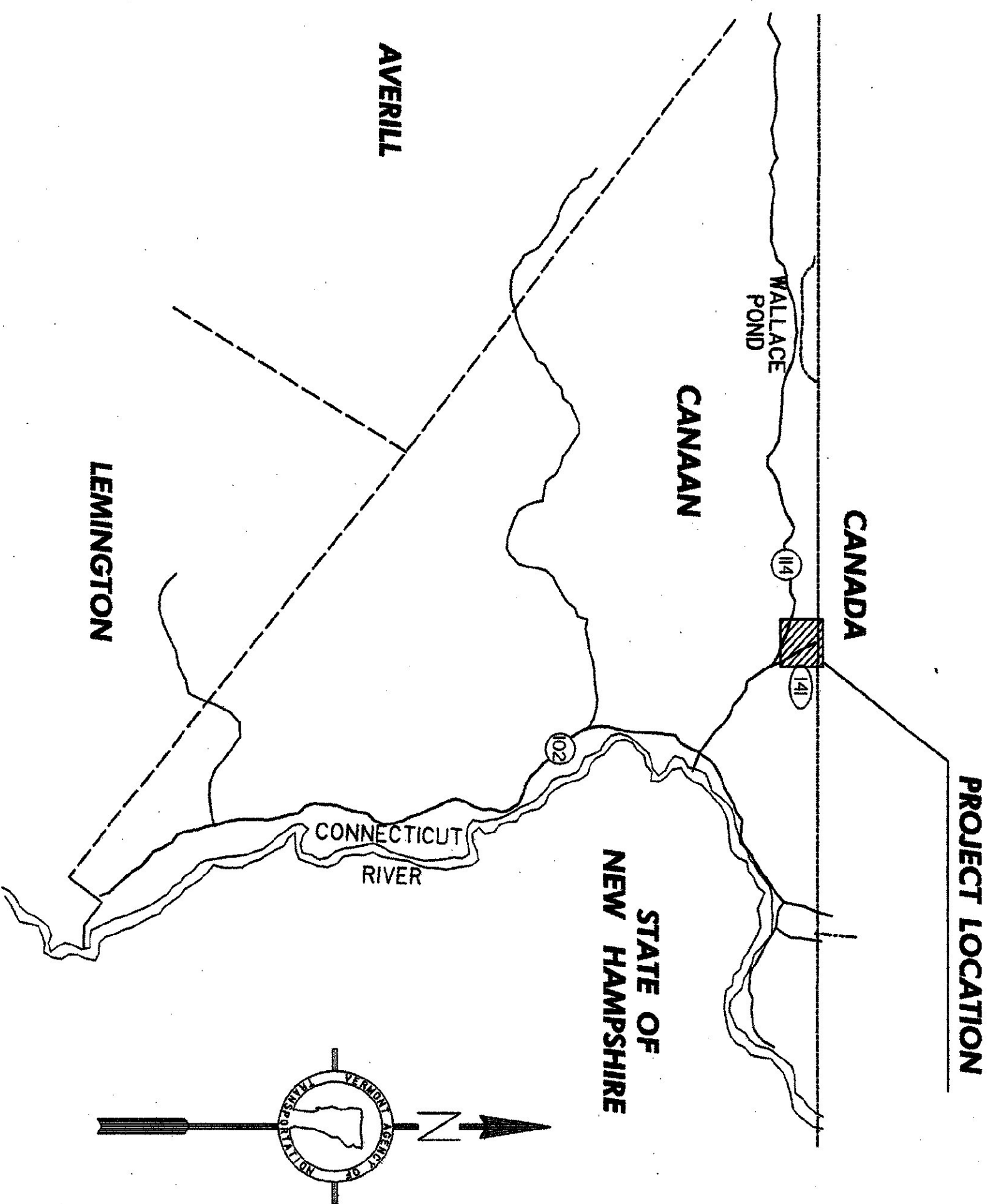
DATE: 09/27/01

NOTE: ANY FURTHER INFORMATION CONCERNING FINAL QUANTITIES, AMOUNTS OR OTHER DETAILS RELATIVE TO THIS PROJECT MAY BE FOUND ON MICROFILM IN CENTRAL FILES.

STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
PROPOSED IMPROVEMENT  
CONSTRUCTION OF NEW  
SAND & SALT SHEDS  
TOWN OF CANAAN  
COUNTY OF ESSEX



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



ARCHIVED  
IN DPR

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.

APPROVED: *[Signature]* DATE: 9/10/99  
DIRECTOR OF TRANSPORTATION  
PROJECT: CANAAN STP SA17(3)S  
SHEET 1 OF 6 SHEETS



DATUM  
VERTICAL  
HORIZONTAL



- 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 70-28.
  2. TACK COAT, ITEM 404.65, EMULSIFIED ASPHALT, IS TO BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANED 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.

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.

MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28, SUBBASE OF CRUSHED GRAVEL (FINE GRADED).

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.

4. 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.
5. UPON COMPLETION OF THE GRADING OPERATIONS FOR EARTH SIDESLOPE AREAS, THE CONTRACTOR SHALL IMMEDIATELY ESTABLISH VEGETATION IN ACCORDANCE WITH THE SEEDING REQUIREMENTS ON THIS SHEET.
6. SEE VAOT STANDARD DRAWINGS T-1 AND T-2 FOR TEMPORARY EROSION CONTROL DETAILS.
7. ALL EXISTING MATERIAL STORED ON SITE (SAND, COLD PLANE GRINDINGS, BRUSH ECT.) SHALL BE REMOVED BY VAOT PRIOR TO CONSTRUCTION.
8. 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	BIRDFOOT 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.

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

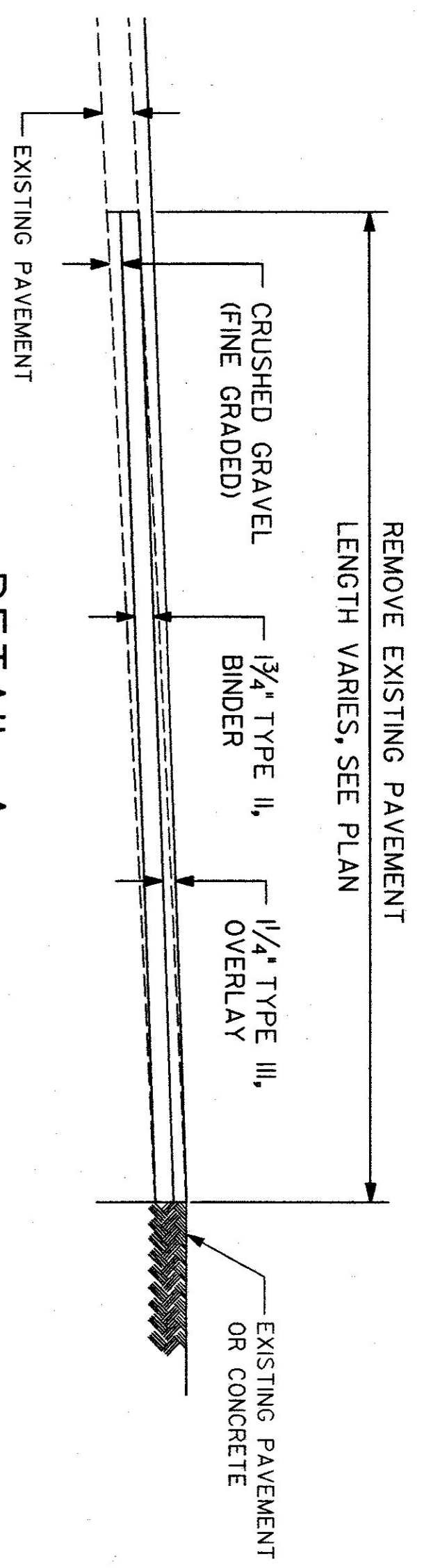
FERTILIZER: FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

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

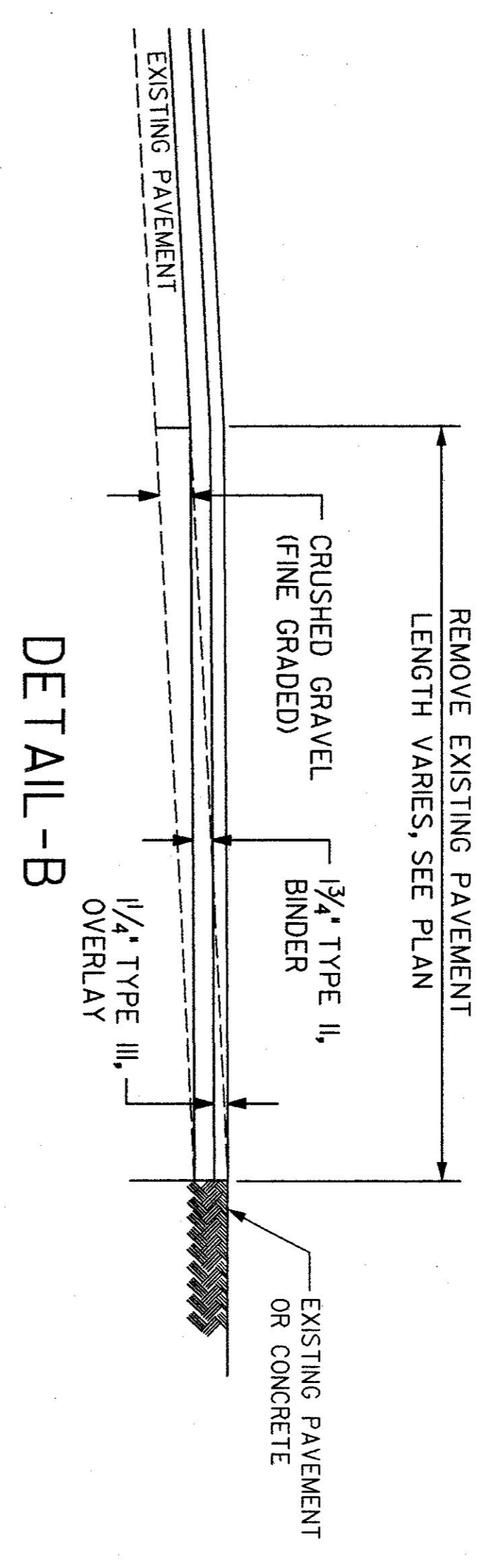
HAY MULCH TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

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

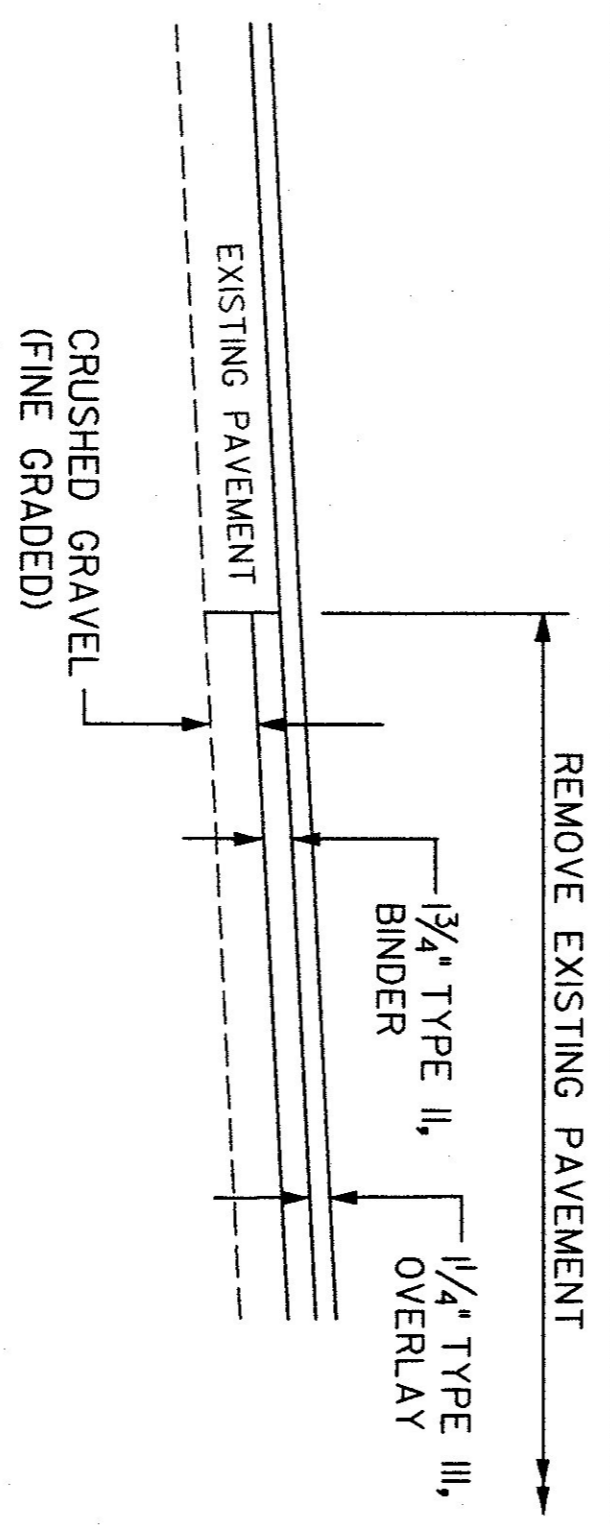
DATUM  
VERTICAL \_\_\_\_\_  
HORIZONTAL \_\_\_\_\_



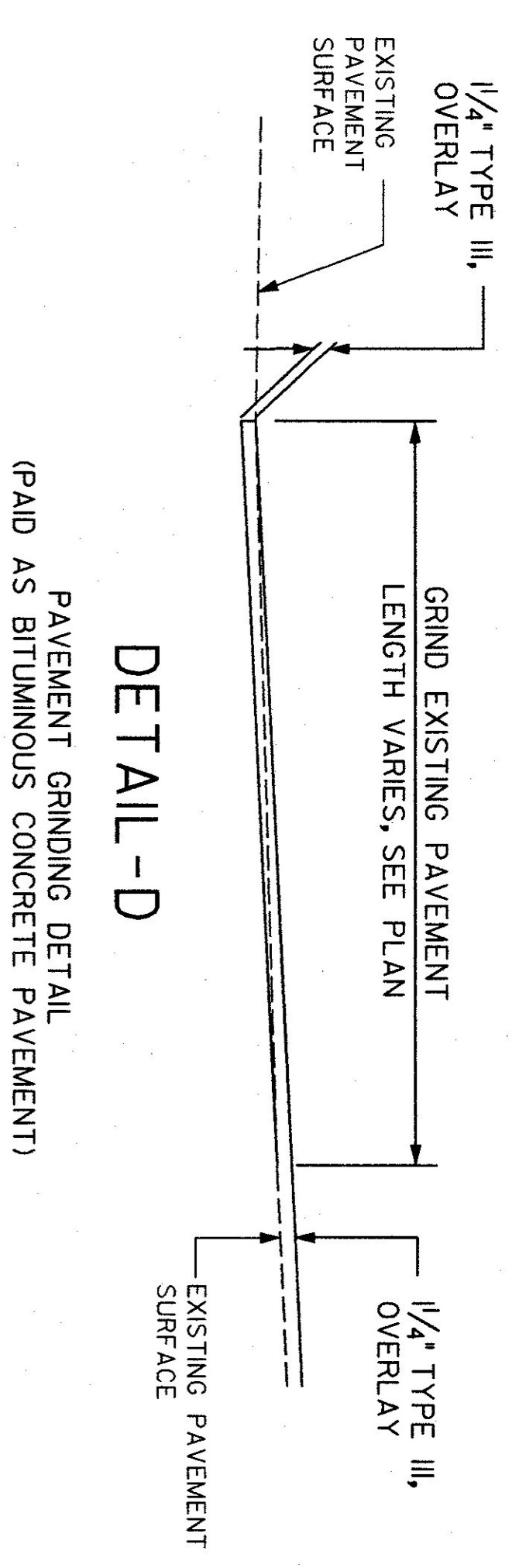
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- This detail does not apply to this project



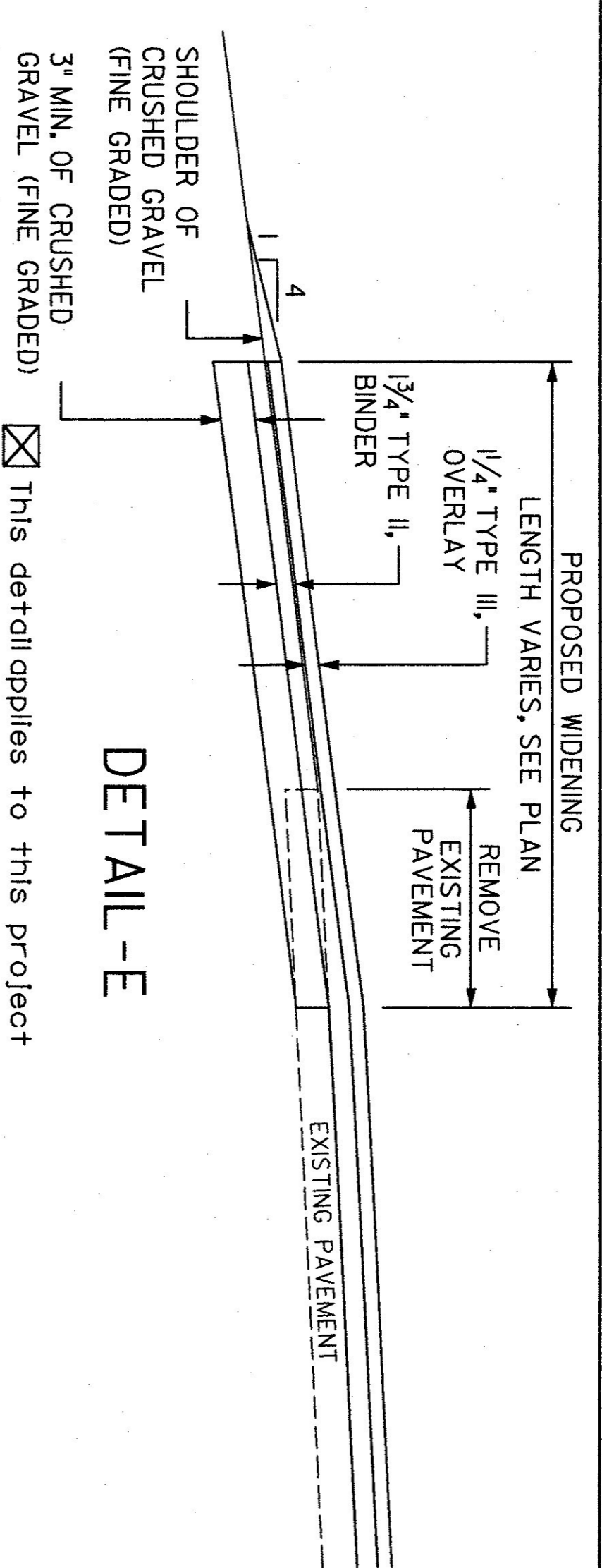
- This detail applies to this project
- This detail does not apply to this project



- 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

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

**ARCHIVED IN DPR**

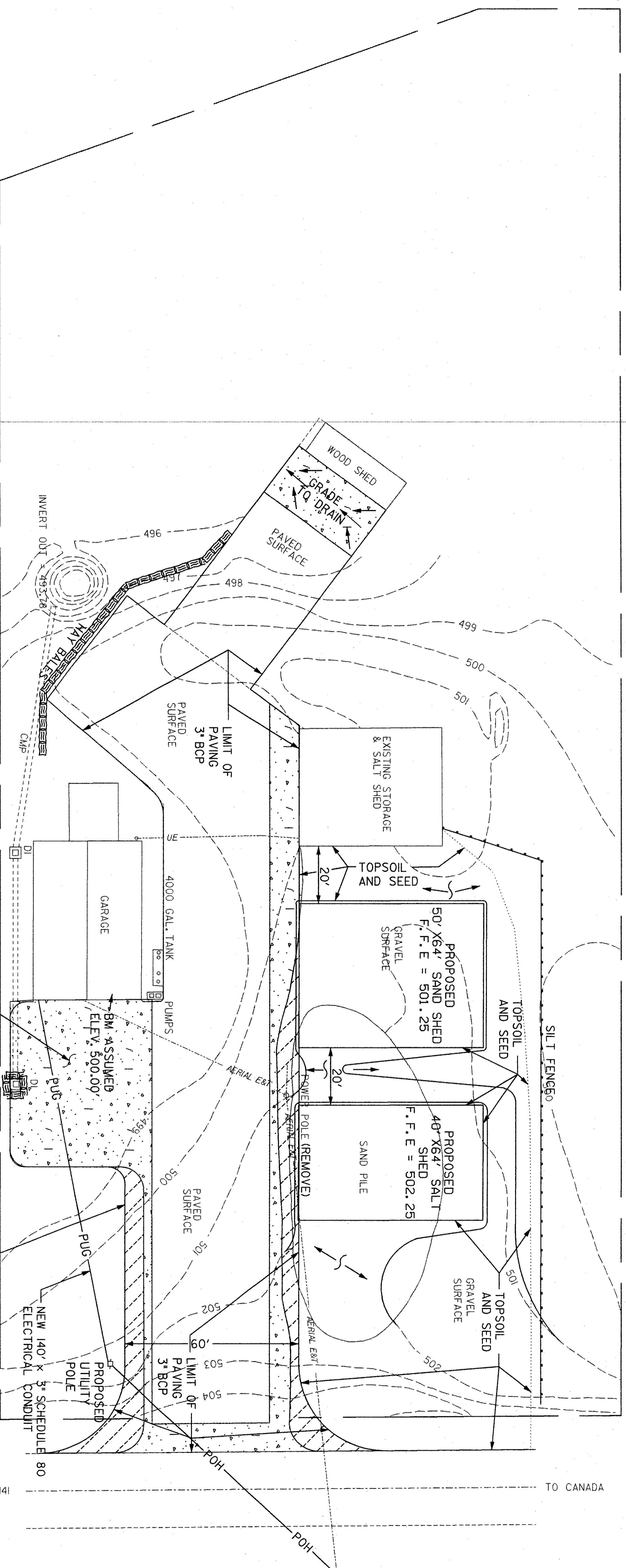
PROJECT: CANAAN SALT SHED PROJECT NO.: STP SALT(3)S

DESIGN FILE NAME: 982101TYP.DGN PLOT DATE: 13 AUG 98

IPARM FILE NAME: CLD ENGINEERS SURVEY DATE: N/A

SURVEYED BY: J. WARNER DRAWN BY: J. LUTHER

SQUAD LEADER: SHEET: 2 OF 6



ALL FILL HATCHED AREAS:  
REMOVE EXISTING PAVEMENT,  
REGRADE, AND PAVE W/3" BCP.  
SEE DETAIL B

CROSS HATCHED AREAS (TYP.)  
ARE TO BE EXCAVATED  
TO A DEPTH OF 3" MIN.  
OR AS DIRECTED BY THE  
RESIDENT ENGINEER. THE  
EXCAVATED AREAS SHALL BE GRADED  
W/CRUSHED GRAVEL FINE GRADED  
AND PAVED W/3" BCP.  
SEE DETAIL E.

**LEGEND**  
POH - PROPOSED OVERHEAD  
UTILITIES  
PUG - PROPOSED UNDERGROUND  
UTILITIES

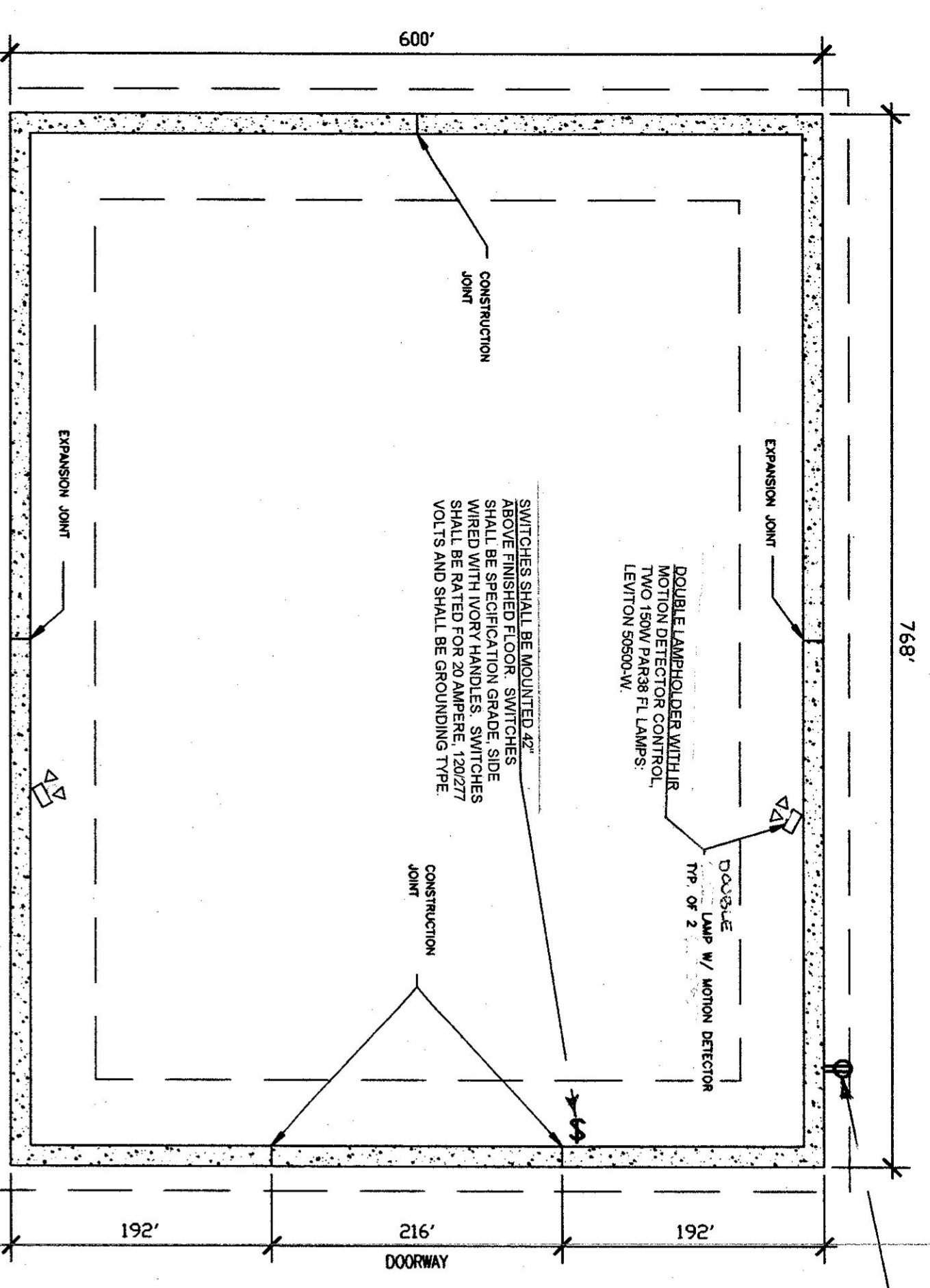
**ARCHIVED  
IN DPR**



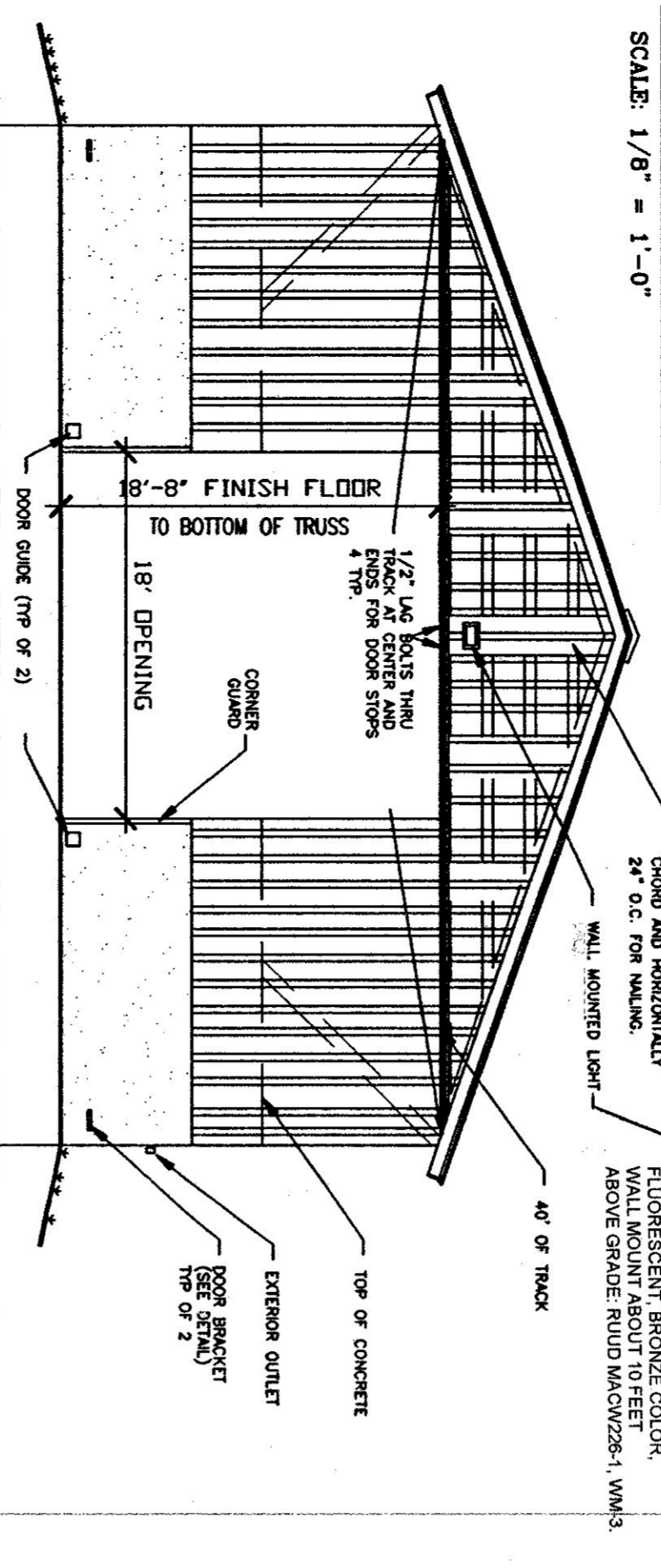
BASE PLAN CREATED FROM A  
VAOT PLAN DATED DECEMBER  
1993 ENTITLED "PROPOSED  
SALT & SAND SHED CANAAN A.O.T."

PROJECT:	CANAAN SALT SHED	PROJECT NO.:	STP SALT(3) 5
DESIGN FILE NAME:	98210BDR.DGN	PLOT DATE:	\$\$\$DATE\$\$\$
P/ARM FILE NAME:		SURVEY DATE:	7/98
SURVEYED BY:	CLD ENGINEERS	DRAWN BY:	T. LUTHER
SQUAD LEADER:	J. WARNER	SHEET:	3 OF 5

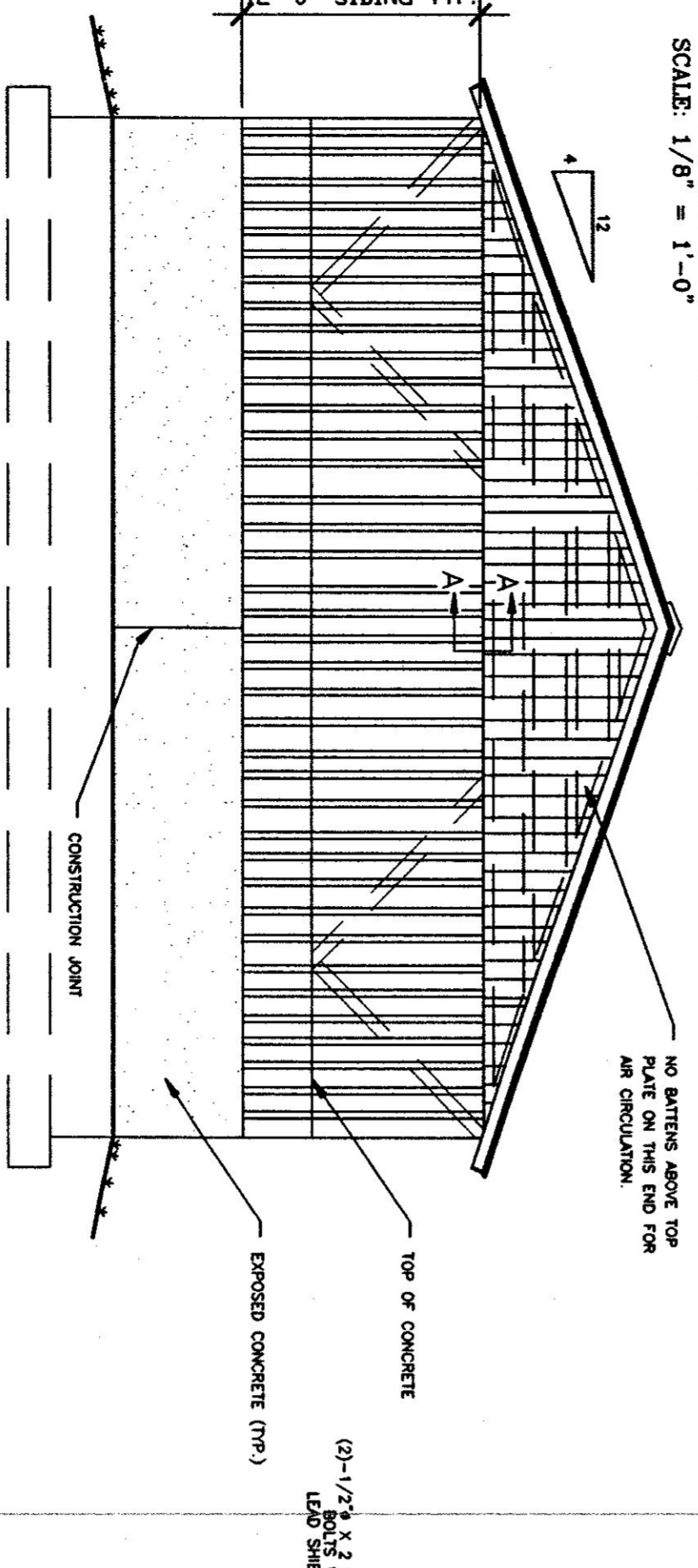




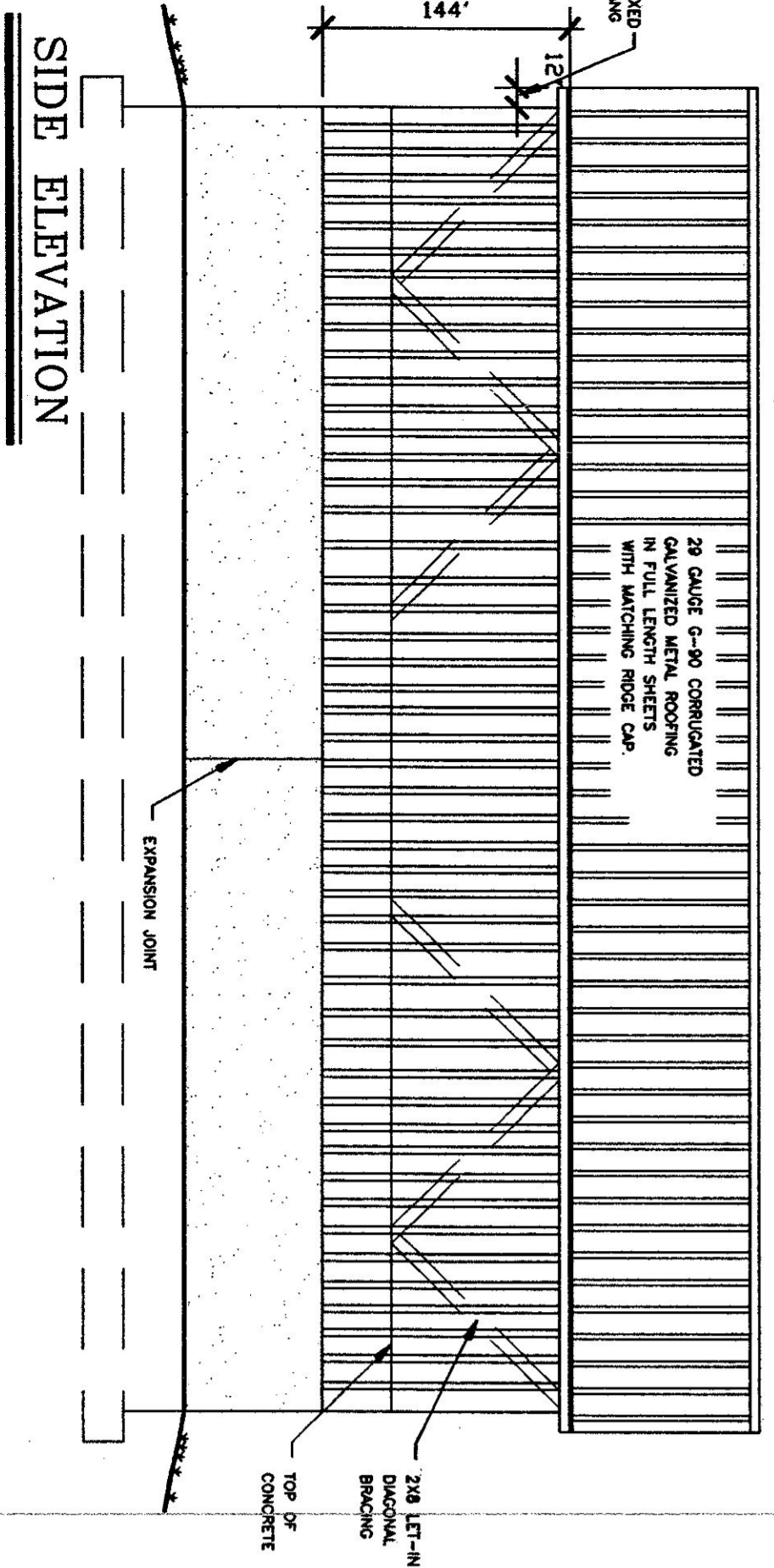
FOUNDATION PLAN  
SCALE: 1/8" = 1'-0"



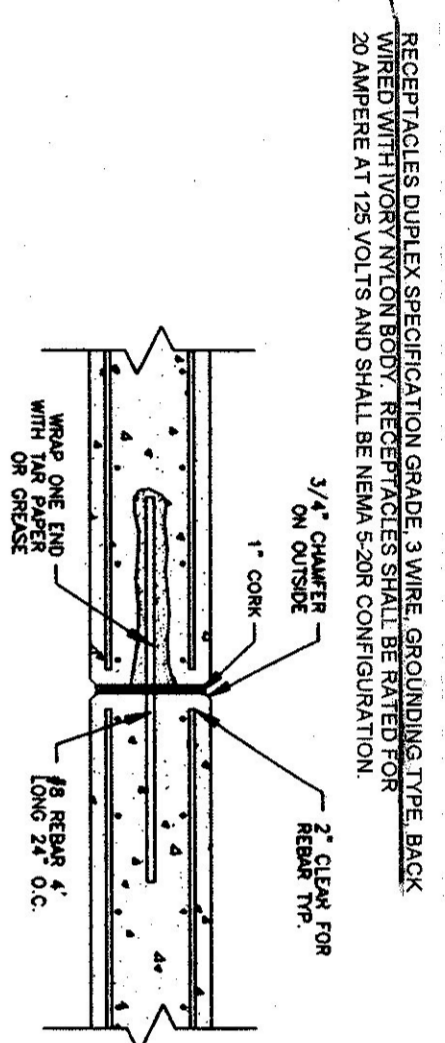
FRONT ELEVATION  
SCALE: 1/8" = 1'-0"



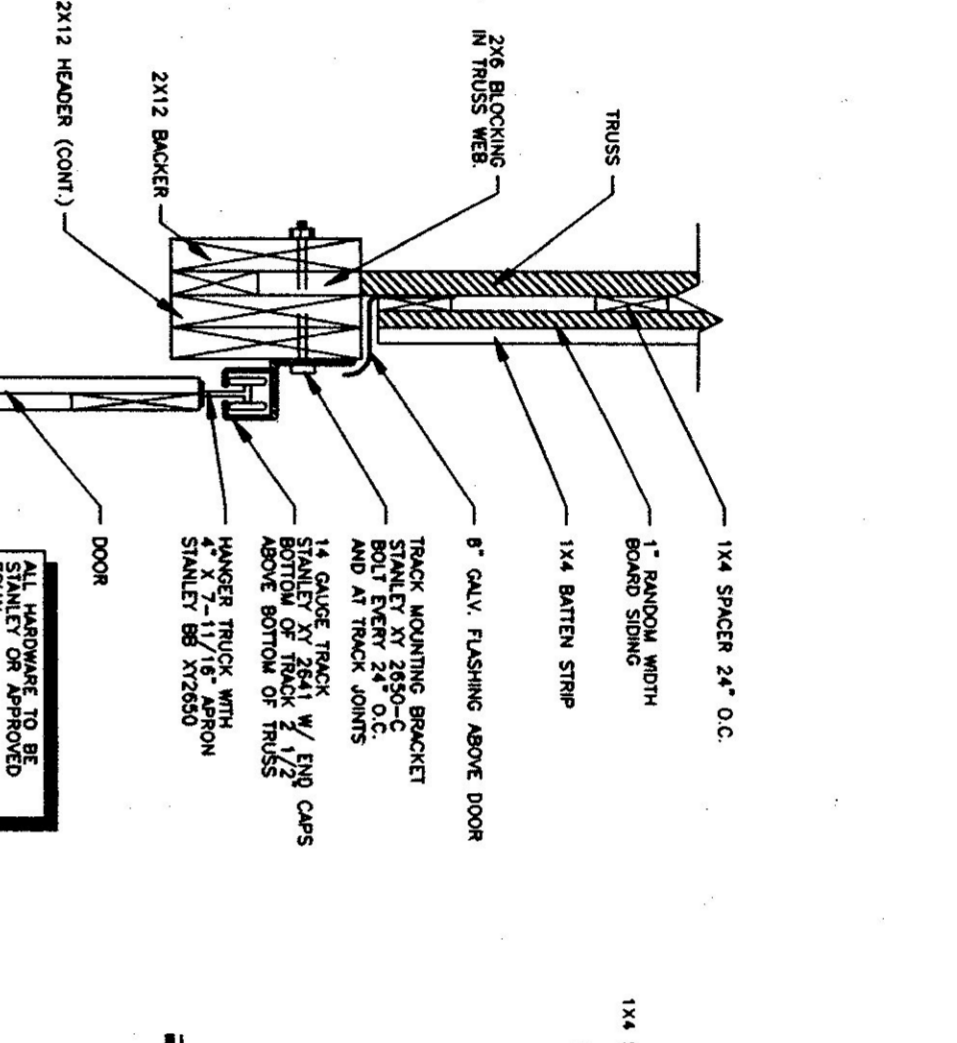
BACK ELEVATION  
SCALE: 1/8" = 1'-0"



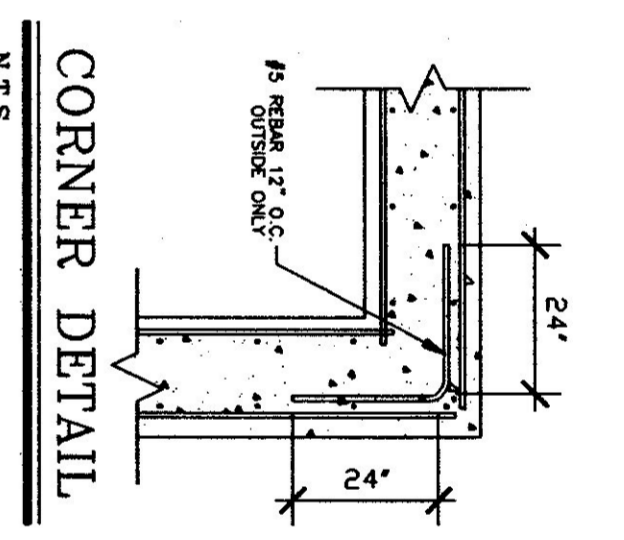
SIDE ELEVATION  
SCALE: 1/8" = 1'-0"



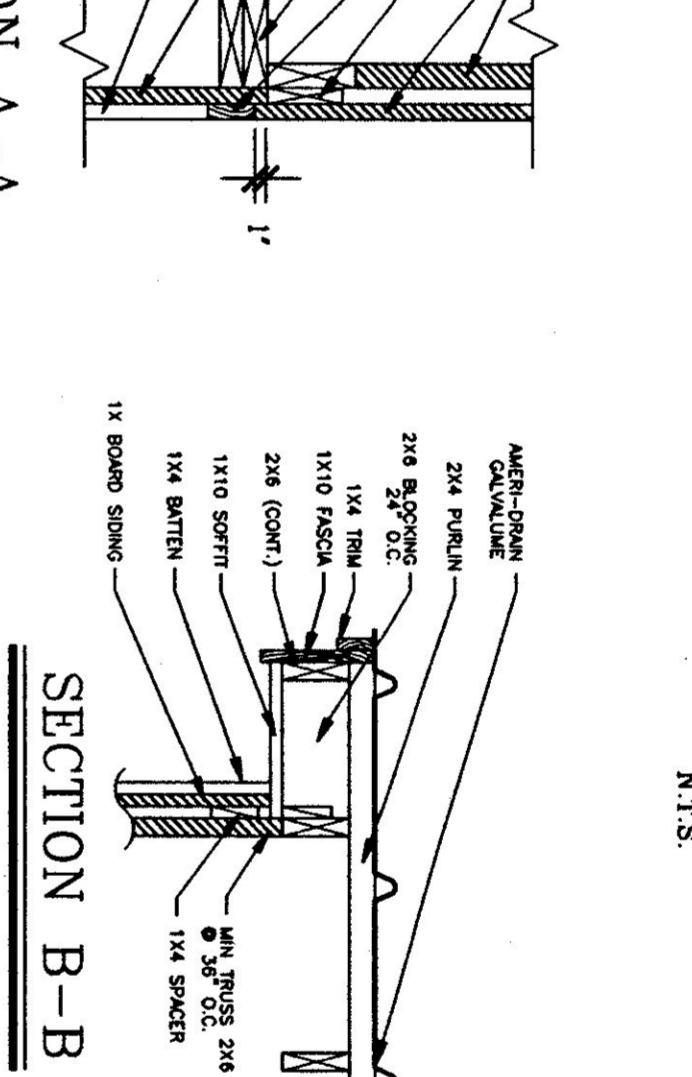
EXPANSION JOINT DETAIL  
N.T.S.



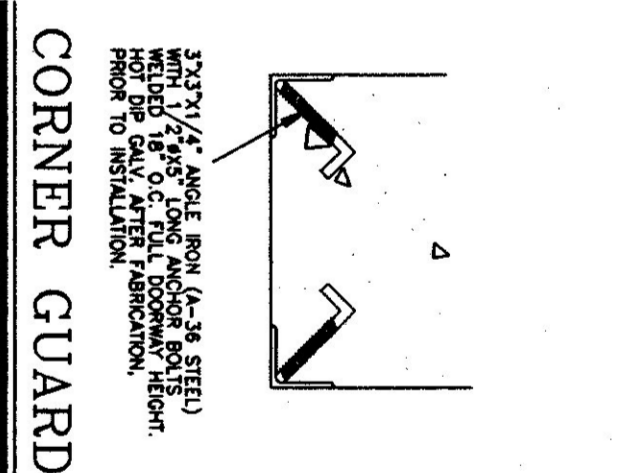
SECTION A-A  
N.T.S.



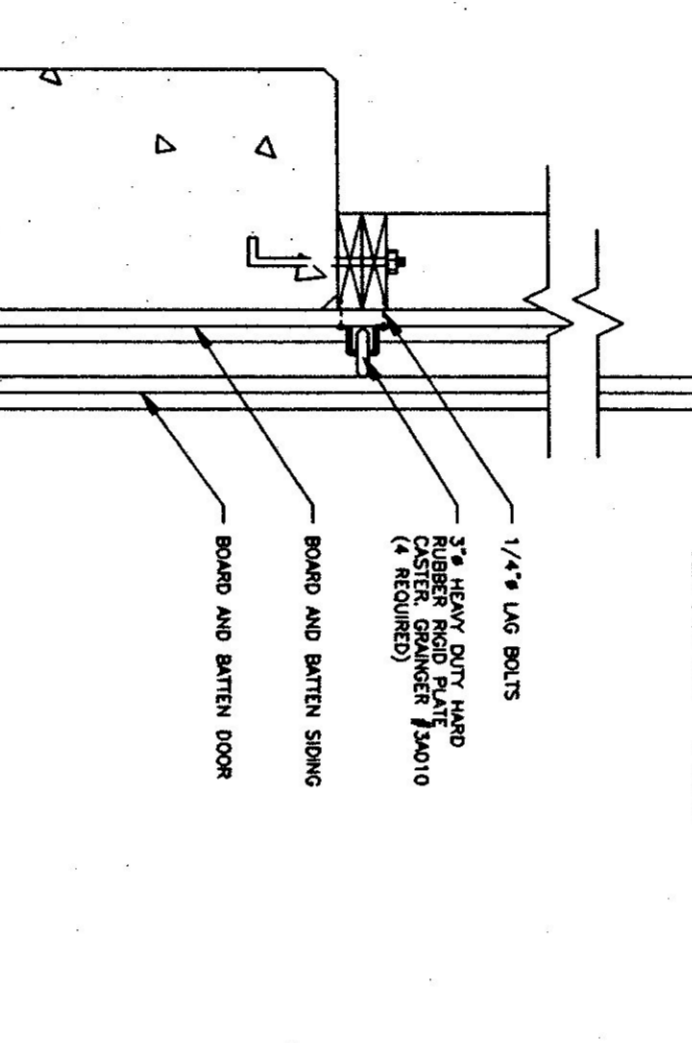
CORNER DETAIL  
N.T.S.



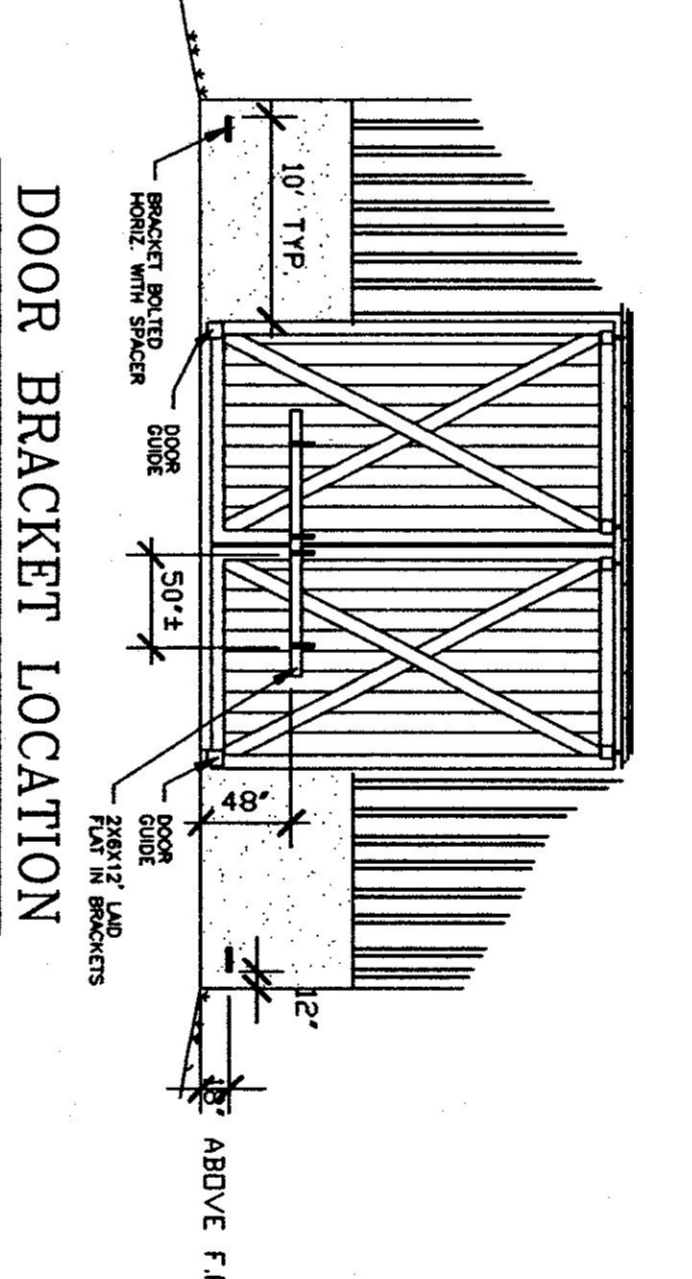
SECTION B-B  
N.T.S.



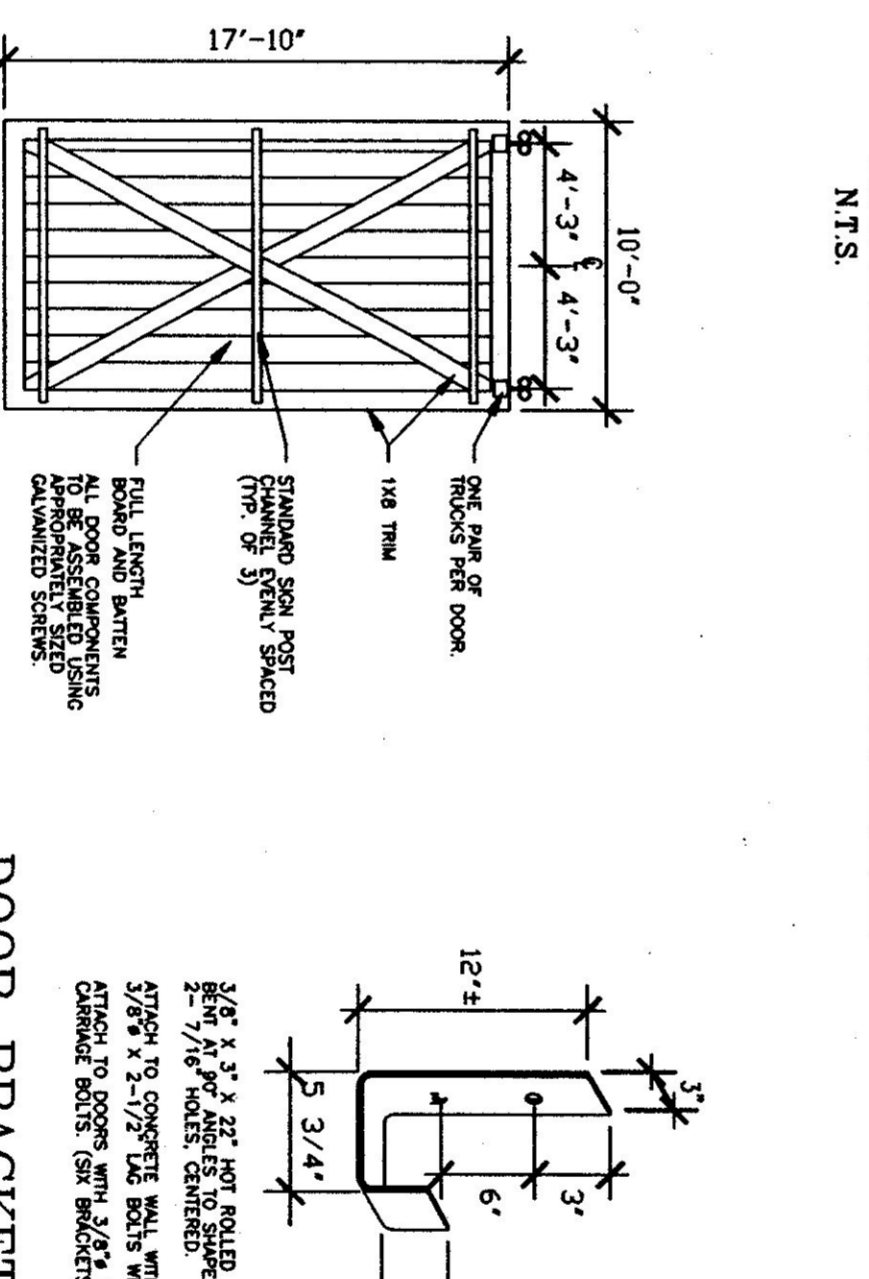
CORNER GUARD  
N.T.S.



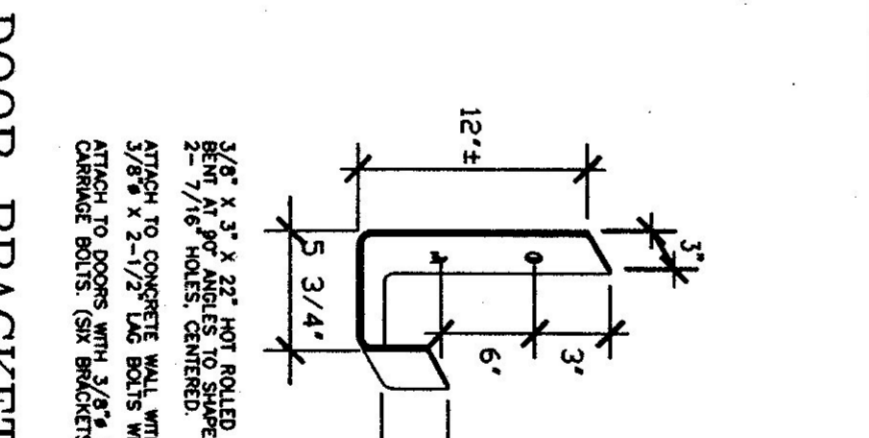
DOOR TRACK & GUIDE DETAIL  
N.T.S.



DOOR BRACKET LOCATION  
N.T.S.



EXT. DOOR DETAIL  
N.T.S.



DOOR BRACKET DETAIL  
N.T.S.

**GENERAL NOTES:**

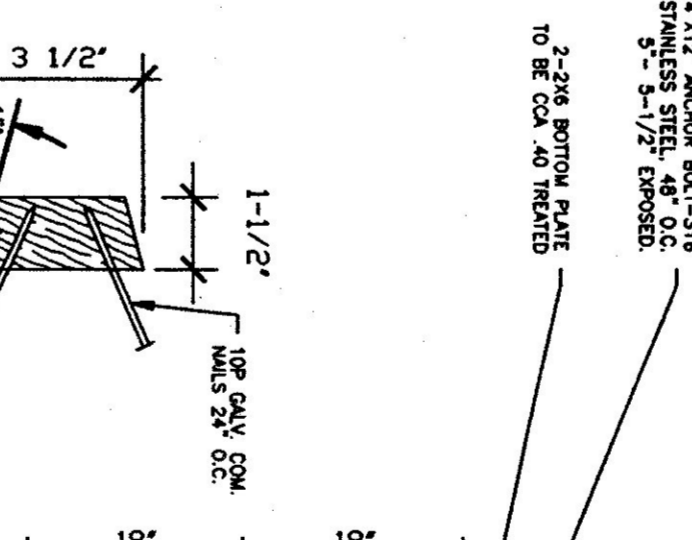
- ALL REBAR SHALL BE 3000 PSI 28 DAYS WITH A MINIMUM SLUMP OF 4".
- 68-85 AIR ENTRAINMENT.
- 1/2" V JOINTS IN EXPOSED FACE OF CONSTRUCTION JOINTS.
- 3/4" CHAMFER ON DOOR FACE OF EXPANSION JOINTS.
- ANGLE IRON CAST INTO WALL CORNERS AT DOOR OPENINGS.
- RE-BAR TO BE CONTINUOUS THROUGH CONSTRUCTION JOINTS.
- NO HORIZONTAL CONSTRUCTION JOINTS IN WALLS - CONTINUOUS POUR.
- NO CONSTRUCTION OR EXPANSION JOINTS REQUIRED IN FLOORS.
- CONTRACTOR TO LEAVE NO METAL WITHIN 1" OF SURFACE. USE "KEEP PLASTIC COVER IN ALL VES AND PLUG ALL THE HOLES WITH AN APPROVED NON-SHINK GROUT."
- RE-BAR TO BE STORED ON BLOCKING 4" MIN. ABOVE GROUND.
- RE-BAR TO BE CALCULATED FROM TRUSS AND ROOF MEMBERS AND IN ADDITION WIND - 25 P.S.F. ON BOTTOM CHORD.
- ALL CONCRETE TESTING TO BE DONE BY OWNER.
- ALL RESPONSIBLE FOR SCHEDULING.
- EXPOSED WALLS TO BE DRESS FINISHED PER A.O.T. SPECIFICATIONS.

**TRUSS NOTES:**

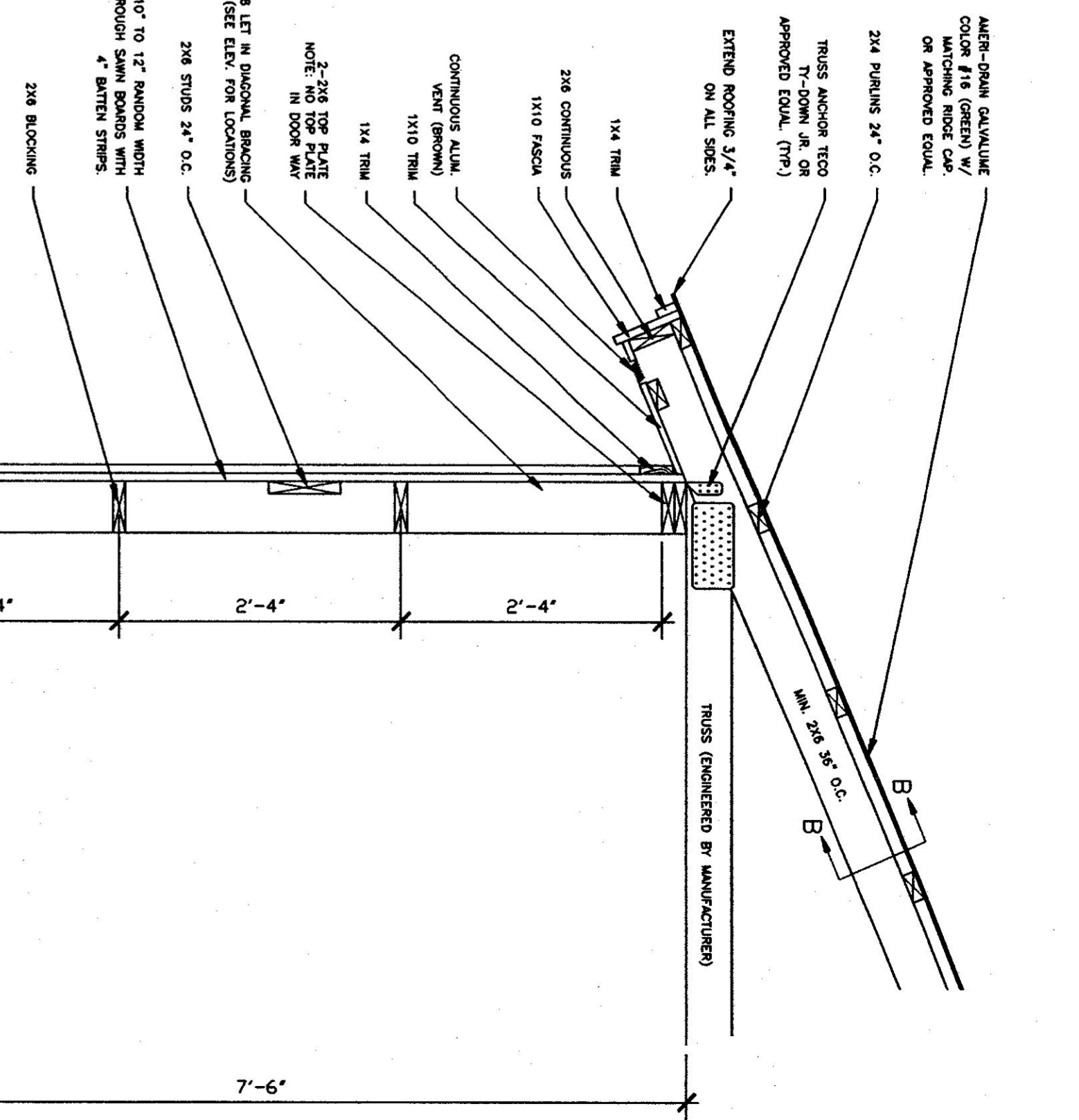
- TRUSS MANUFACTURED TO PROVIDE THE DEPT. OF STATE BUILDINGS ENGINEER THESE MANUFACTURERS TO PROVIDE THE CONTRACTOR WITH ALL THE NECESSARY TRUSS MANUFACTURER'S AND STAMPED DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.
- TRUSS DESIGN IN ACCORDANCE WITH THE 1987 B.O.C.A. FOR VERMONT MINIMUM LOADS:
- LIK - 50 P.S.F. - PER 1987 B.O.C.A. FOR VERMONT.
- ROOF - AS CALCULATED FROM TRUSS AND ROOF MEMBERS AND IN ADDITION WIND - 25 P.S.F. ON BOTTOM CHORD.
- DIAGONAL BRACING PER TRUSS MANUFACTURER'S AND PER MINIMUM TRUSS BRACING DETAILS IN SPECIFICATIONS.

**CONCRETE NOTES:**

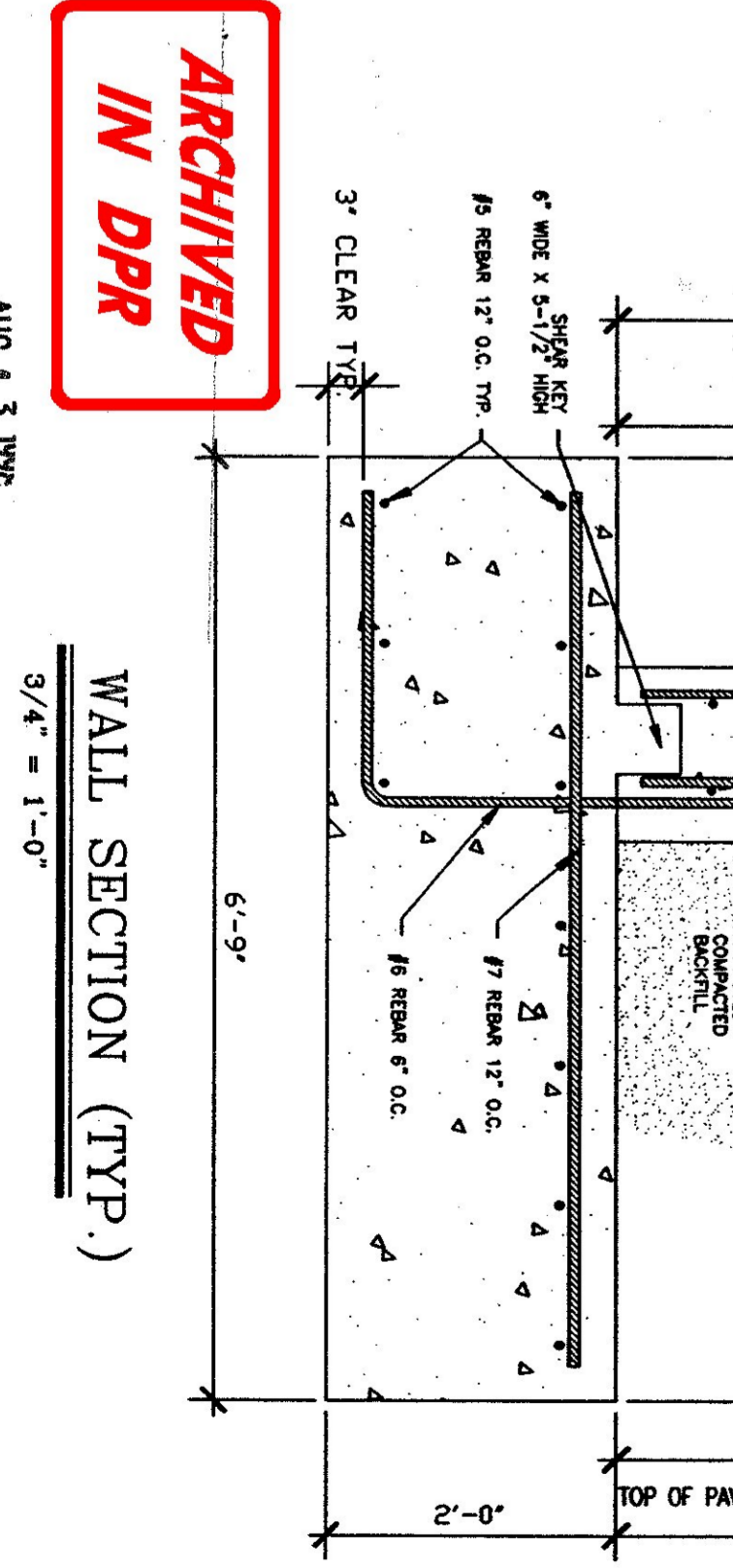
- ALL CONCRETE TO BE 3000 PSI 28 DAYS WITH A MINIMUM SLUMP OF 4".
- 68-85 AIR ENTRAINMENT.
- 1/2" V JOINTS IN EXPOSED FACE OF CONSTRUCTION JOINTS.
- 3/4" CHAMFER ON DOOR FACE OF EXPANSION JOINTS.
- ANGLE IRON CAST INTO WALL CORNERS AT DOOR OPENINGS.
- RE-BAR TO BE CONTINUOUS THROUGH CONSTRUCTION JOINTS.
- NO HORIZONTAL CONSTRUCTION JOINTS IN WALLS - CONTINUOUS POUR.
- NO CONSTRUCTION OR EXPANSION JOINTS REQUIRED IN FLOORS.
- CONTRACTOR TO LEAVE NO METAL WITHIN 1" OF SURFACE. USE "KEEP PLASTIC COVER IN ALL VES AND PLUG ALL THE HOLES WITH AN APPROVED NON-SHINK GROUT."
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- ALL CONCRETE TESTING TO BE DONE BY OWNER.
- ALL RESPONSIBLE FOR SCHEDULING.
- EXPOSED WALLS TO BE DRESS FINISHED PER A.O.T. SPECIFICATIONS.



NAILER DETAIL  
N.T.S.



WALL SECTION (TYP.)  
SCALE: 3/4" = 1'-0"



# 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 PAVEMENT	CY				80	80										
203.40	FINE GRADING-SUBGRADE	SY				900	900										
301.26	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	CY				90	90										
404.65	EMULSIFIED ASPHALT	CWT				5	5										
406.25	BITUMINOUS CONCRETE PAVEMENT (PG 58-28)	TON				420	420										
608.25	ALL PURPOSE EXCAVATOR RENTAL, HR TYPE I (NABI)	HR				1	1										
608.37	TRUCK RENTAL (NABI)	HR				1	1										
635.10	MOBILIZATION	LS				1	1										
649.51	GEOTEXTILE FOR SILT FENCE	SY				100	100										
651.15	SEED	LB				25	25										
651.17	SEED-WINTER RYE	LB				10	10										
651.18	FERTILIZER	LB				150	150										
651.20	AGRICULTURAL LIMESTONE	TON				1	1										
651.25	HAY MULCH	TON				1	1										
651.26	HAY BALES FOR EROSION CONTROL	EACH				60	60										
651.35	TOPSOIL	CY				80	80										
658.15	ROADSIDE REST FACILITY (MOD) (SALT SHED 40' x 64')	L.S.				1	1										
658.15	ROADSIDE REST FACILITY (MOD) (SALT SHED 50' x 64')	L.S.															

FINAL QUANTITIES ARE ARCHIVED WITH THE FIELD BOOKS

ARCHIVED IN DPR

BRIDGE AT STATION \_\_\_\_\_ LOCATION \_\_\_\_\_

PREPARED BY: B. Donald SUPERVISOR

CHECKED BY: G. Newbury

PROJECT: CANAAN OF \_\_\_\_\_

PROJECT NO: 5TP SALT(3)5 SHEET NO: 6 OF 6