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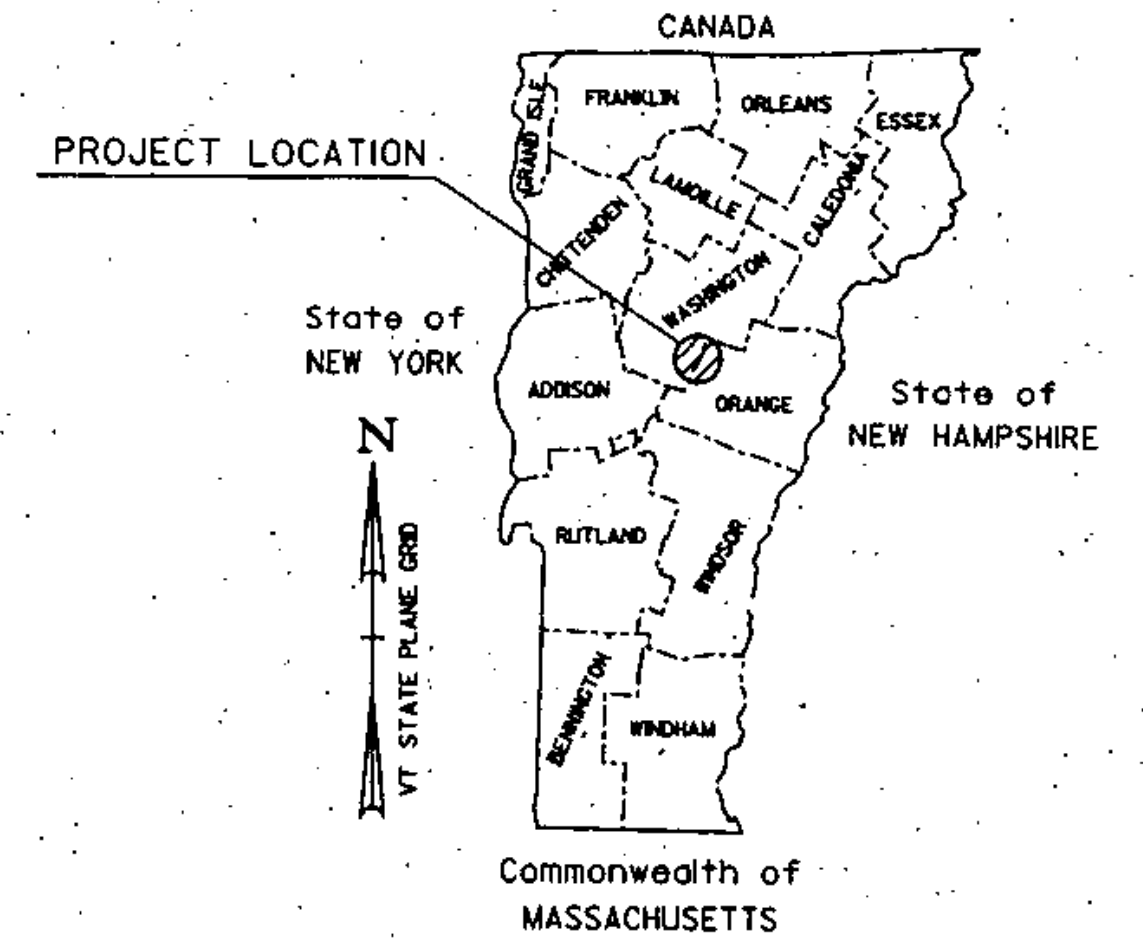
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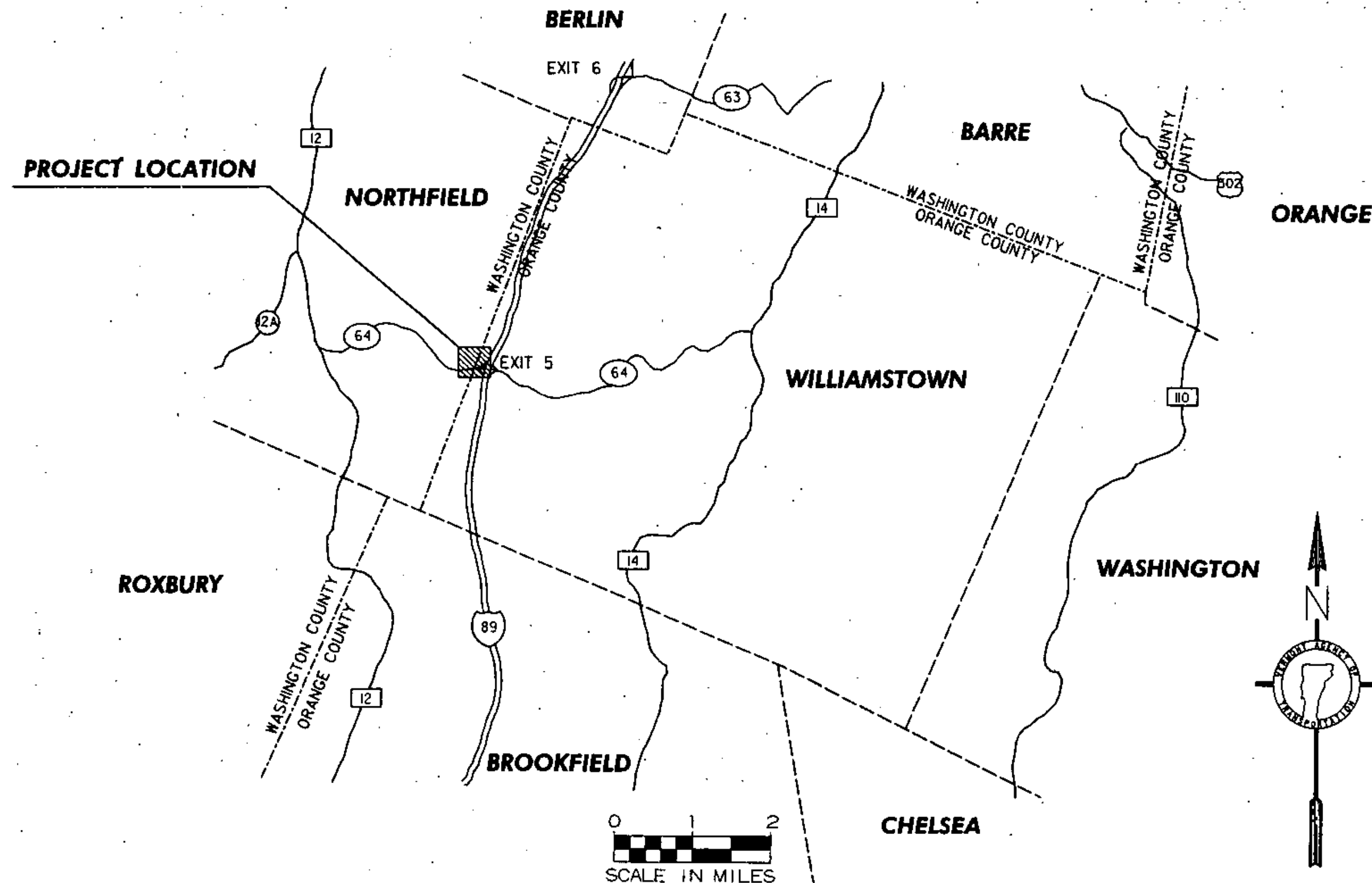
STATE OF VERMONT  
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT  
CONSTRUCTION OF NEW  
SAND-SALT SHEDS  
TOWN OF WILLIAMSTOWN  
COUNTY OF ORANGE



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



Date OCT 23 1998  
*H.A. Manassis*  
 Contractor  
*Day M*  
 Signature  
*Construction Manager*  
 Title  
*William J. Conway Jr.*  
 Director of Administration And Duly  
 Authorized Agent

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.  
WILLIAMSTOWN, VT 05301  
PH: (802) 668-8223  
FAX: (802) 668-8802  
E-MAIL: CLD@CLDENGINEERS.COM



APPROVED *David C. Hill* DATE 9/10/98  
 DIRECTOR OF PROJECT DEVELOPMENT  
 PROJECT WILLIAMSTOWN  
STP SALT (S)  
 SHEET 1 OF 5 SHEETS

AUG 13 1998

**NOTES:**

- ALL PROPOSED PAVEMENT SHALL HAVE A 1/4" THICK TYPE III WEARING COURSE AND A 1 3/4" 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.
- 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.
- 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.

- 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.
- 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.
- SEE VAOT STANDARD DRAWINGS T-1 AND T-2 FOR TEMPORARY EROSION CONTROL DETAILS.
- ALL EXISTING MATERIAL STORED ON SITE (SAND, COLD PLANE GRINDINGS, BRUSH, ECT.) SHALL BE REMOVED BY VAOT PRIOR TO CONSTRUCTION.
- 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	BIRDSFOOT TREFOIL	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.

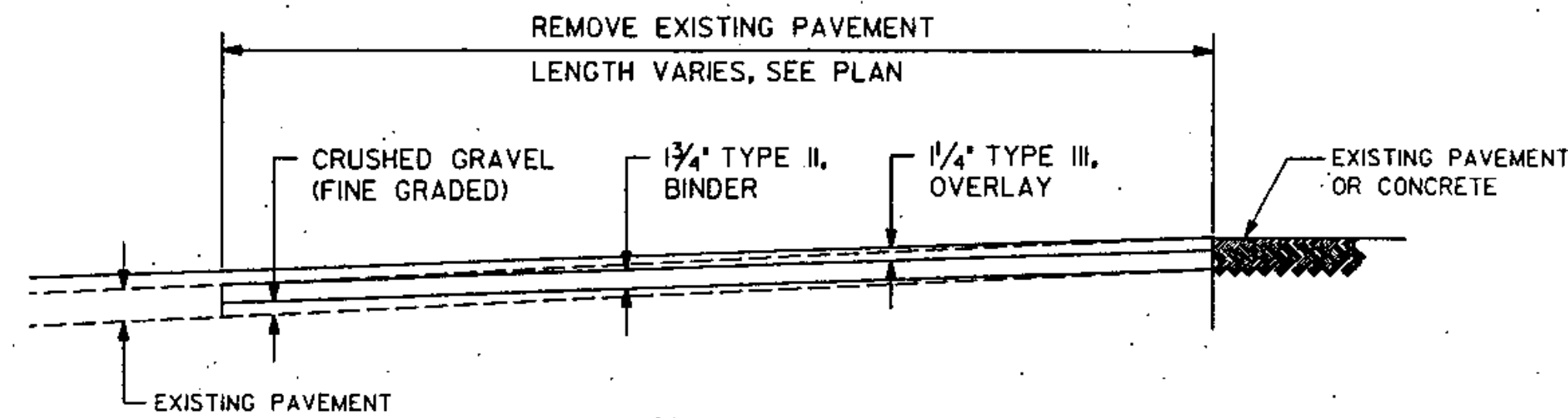
FERTILIZER: FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

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.

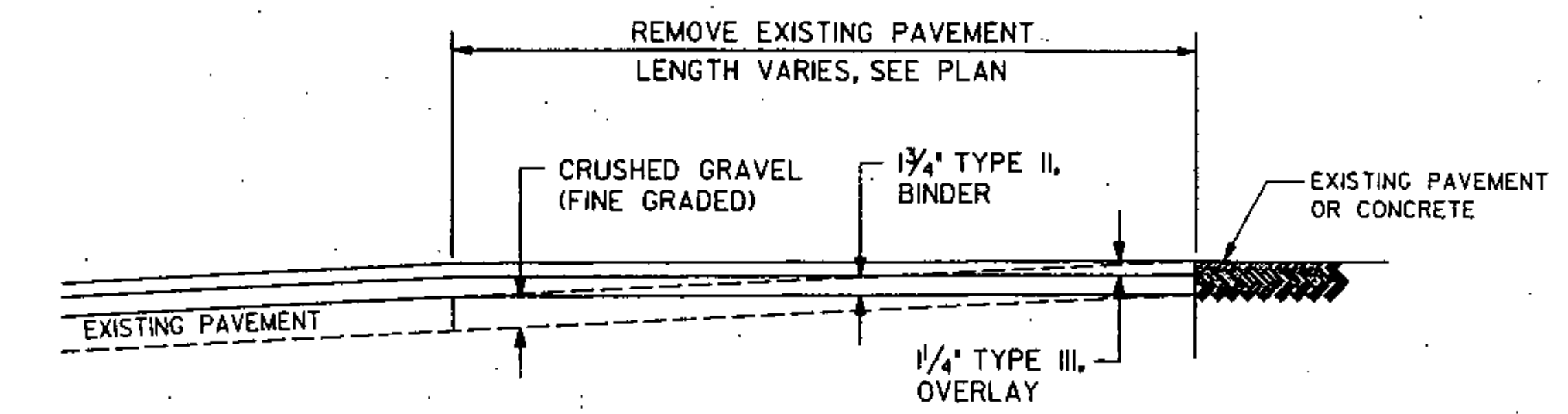
TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

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



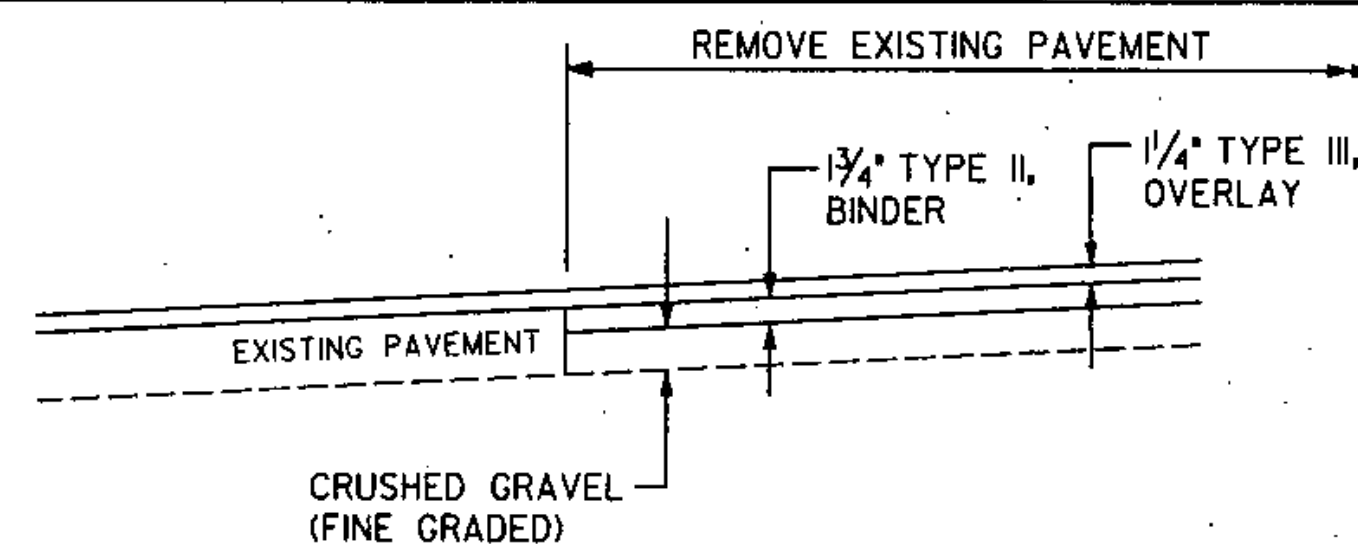
**DETAIL-A**

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



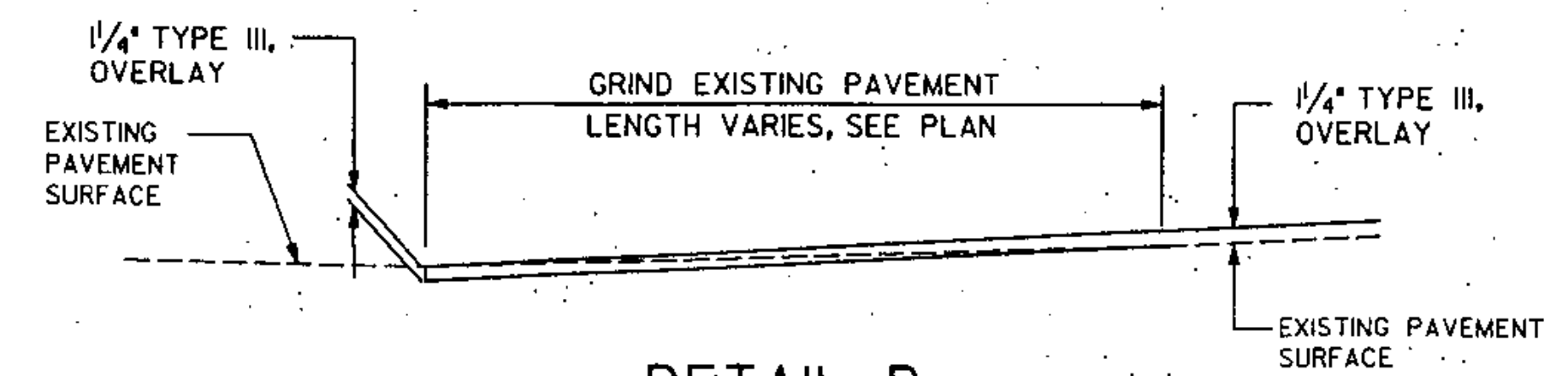
**DETAIL-B**

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 This detail does not apply to this project



**DETAIL-C**

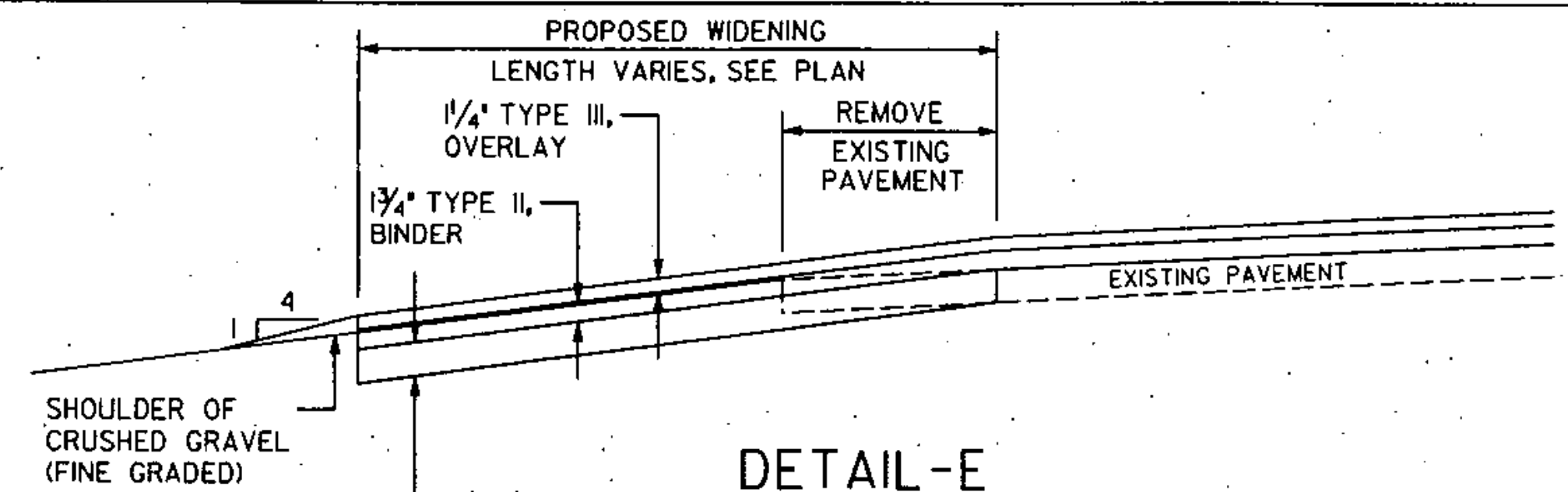
- This detail applies to this project  
 This detail does not apply to this project



**DETAIL-D**

PAVEMENT GRINDING DETAIL  
(PAID AS BITUMINOUS CONCRETE PAVEMENT)

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



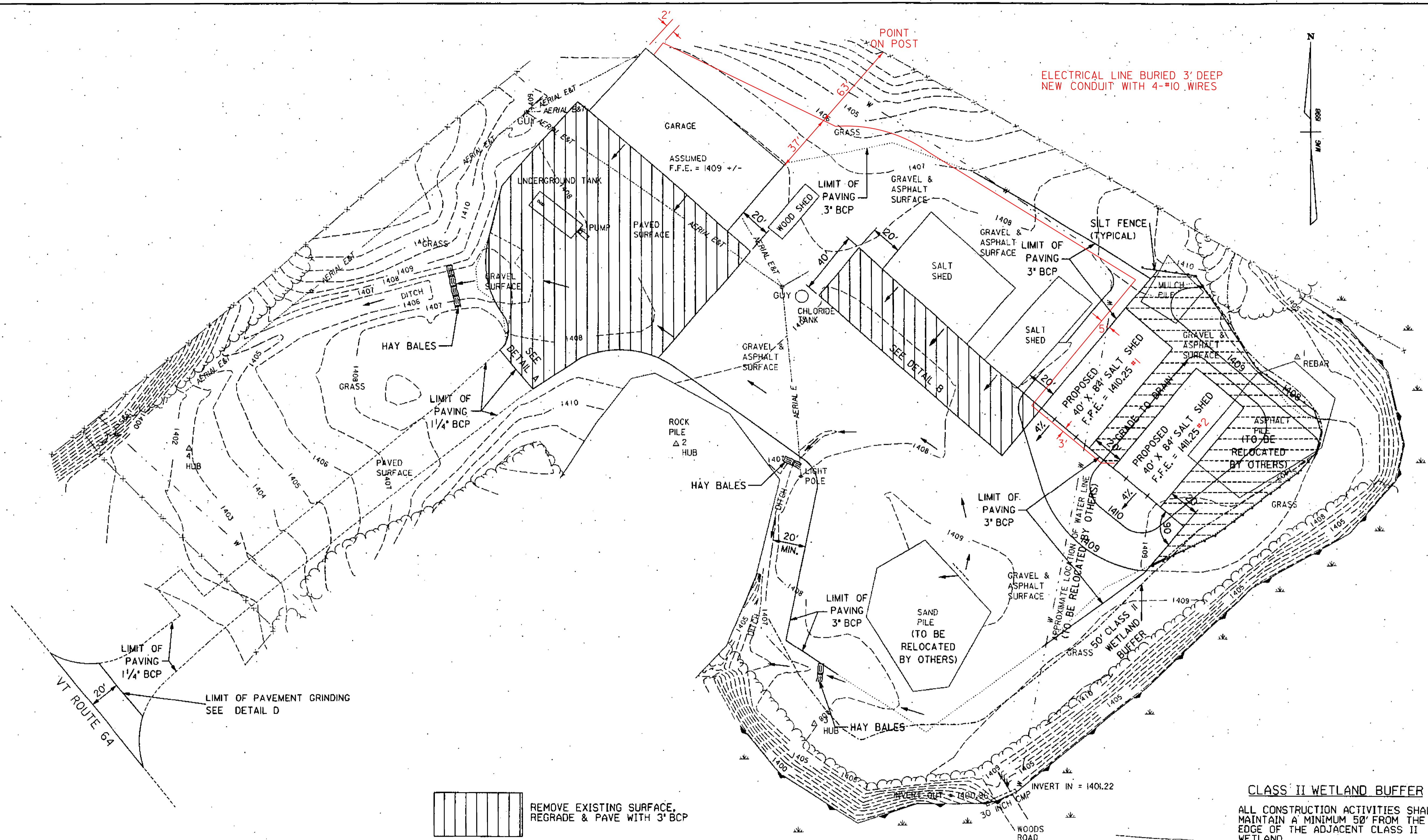
**DETAIL-E**

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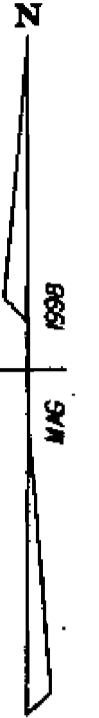
- This detail applies to this project  
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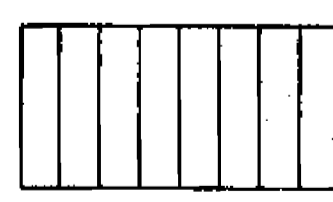
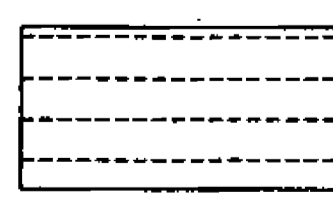
- This detail applies to this project  
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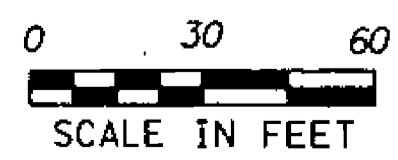
PROJECT: WILLIAMSTOWN SALT SHED	PROJECT NO.: STP SALT(S)S
DESIGN FILE NAME: 98212TYP.DGN	PLOT DATE: 13 AUG 98
IPARM FILE NAME:	SURVEY DATE: N/A
SURVEYED BY: CLD ENGINEERS	DRAWN BY: J. LUTHER
SQUAD LEADER: J. WARNER	SHEET: 2 OF 5



ELECTRICAL LINE BURIED 3' DEEP  
NEW CONDUIT WITH 4-#10 WIRES



-  REMOVE EXISTING SURFACE, REGRADE & PAVE WITH 3' BCP
-  PLACE TOPSOIL AND SEED



**CLASS II WETLAND BUFFER**  
ALL CONSTRUCTION ACTIVITIES SHALL MAINTAIN A MINIMUM 50' FROM THE EDGE OF THE ADJACENT CLASS II WETLAND.

PROJECT: WILLIAMSTOWN SALT SHED	PROJECT NO.: <b>SYP SALT(S)S</b>
DESIGN FILE NAME: 98212BDR.CGN	PLOT DATE: 13 AUG 98
IPARM FILE NAME:	SURVEY DATE: 7/98
SURVEYED BY: <b>CLD ENGINEERS</b>	DRAWN BY: <b>T. LUTHER</b>
SQUAD LEADER: <b>J. WARNER</b>	SHEET: <b>3</b> OF <b>5</b>



STATE OF VERMONT  
DEPARTMENT OF BUILDINGS  
AND GENERAL SERVICES  
AGENCY OF ADMINISTRATION  
MONTPELIER, VERMONT



LOCATION & BUILDING  
40' X 84' SALT SHED

WILLIAMSTOWN

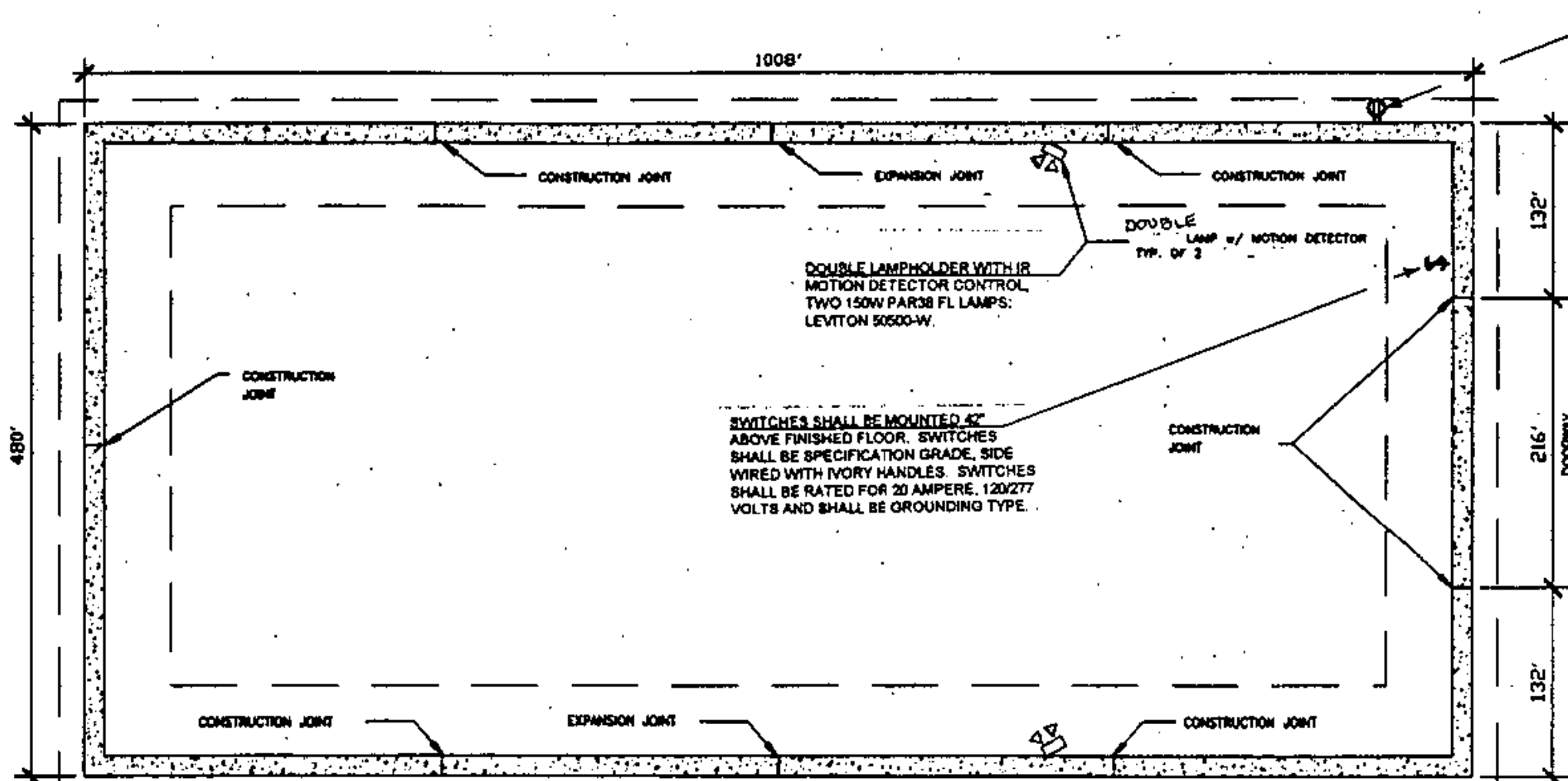
REVISIONS  
12-29-97 GDN  
7-8-98

SCALE: AS NOTED  
DATE: JAN 1997  
DRAWN BY: G.D. NORWOOD  
APPR. BY:

WILLIAMSTOWN  
40' X 84'  
SAND SALT  
SHED

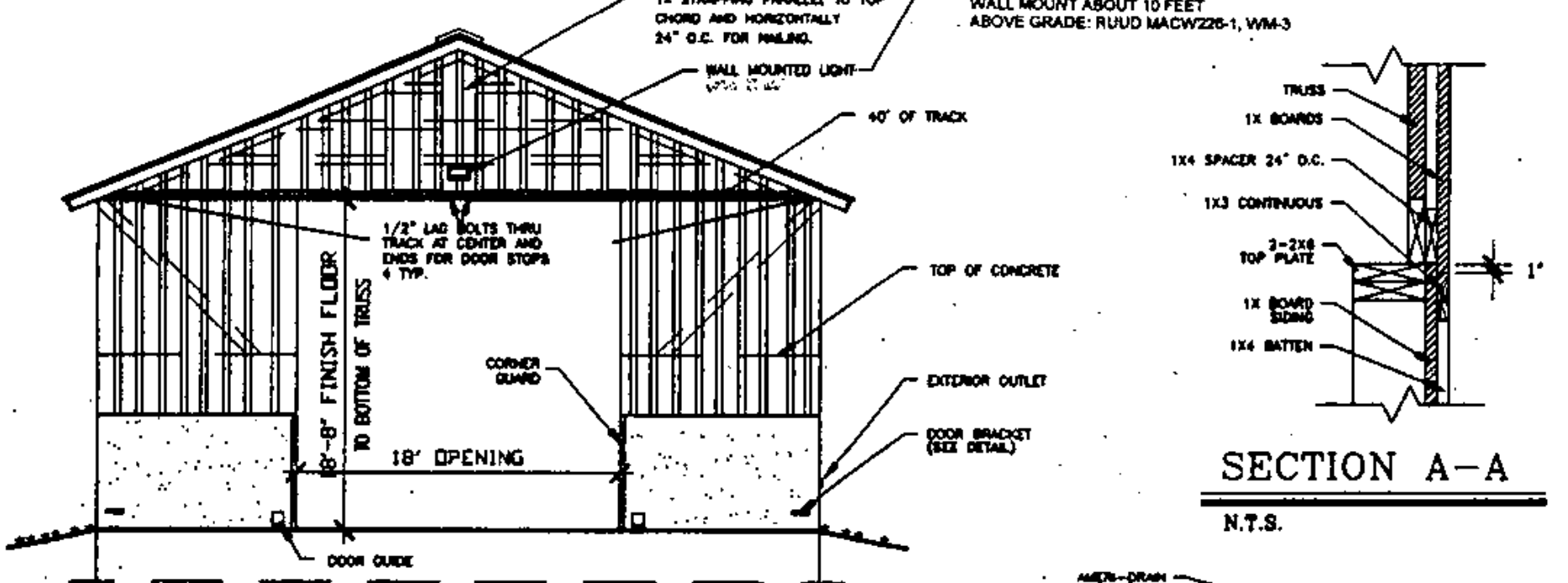
A-1

4 OF 52



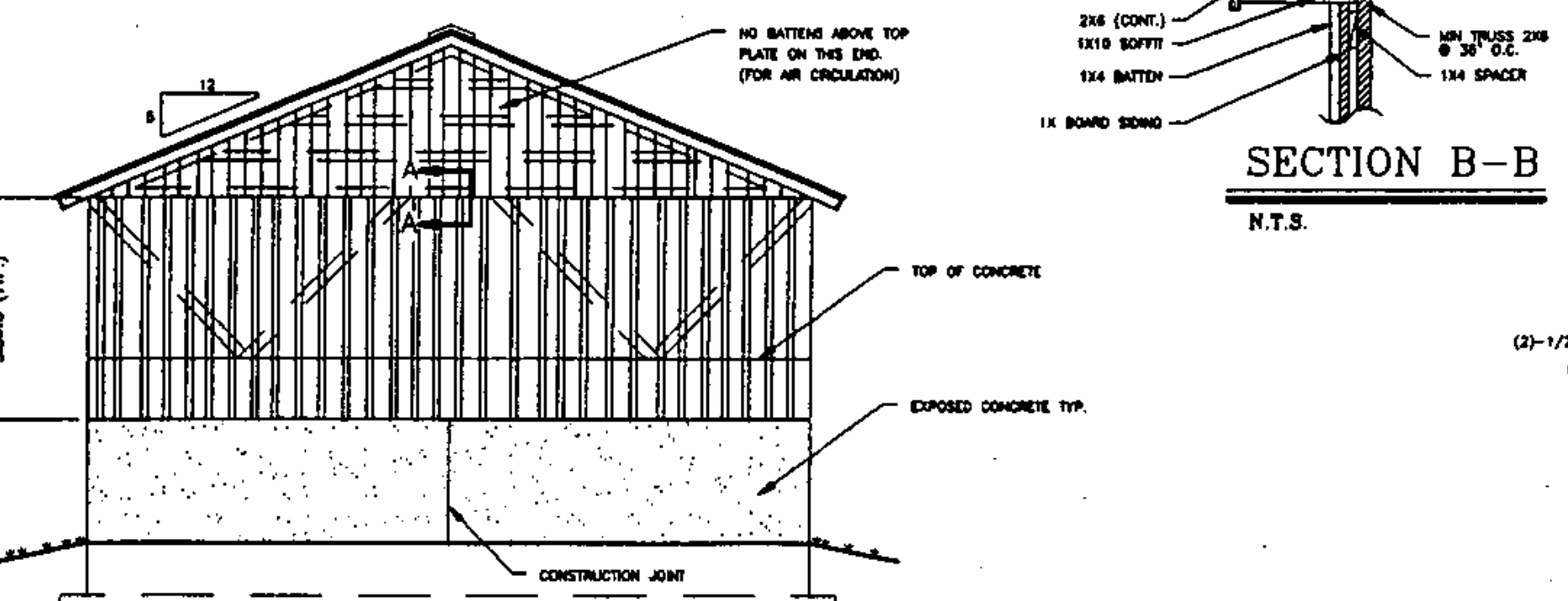
FOUNDATION PLAN

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



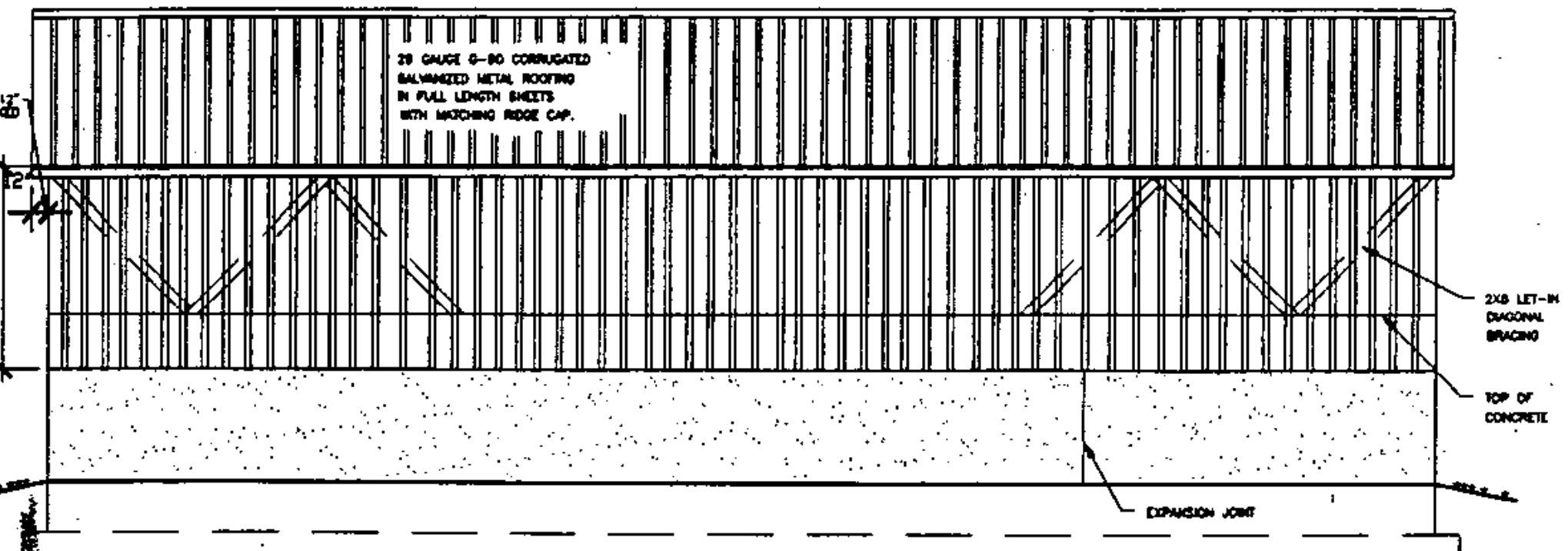
FRONT ELEVATION

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



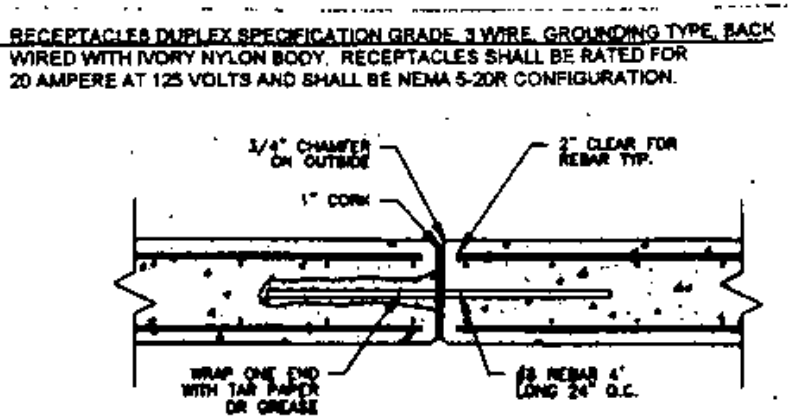
BACK ELEVATION

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



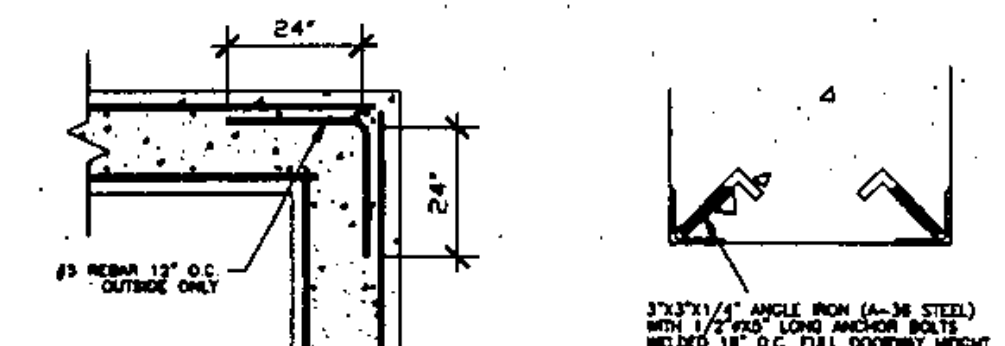
SIDE ELEVATION

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



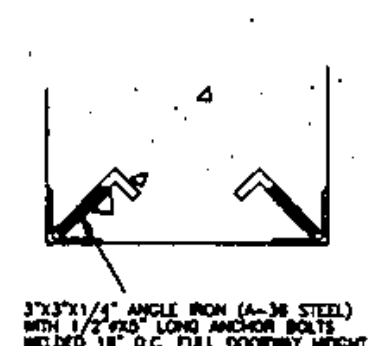
EXPANSION JOINT DETAIL

N.T.S.



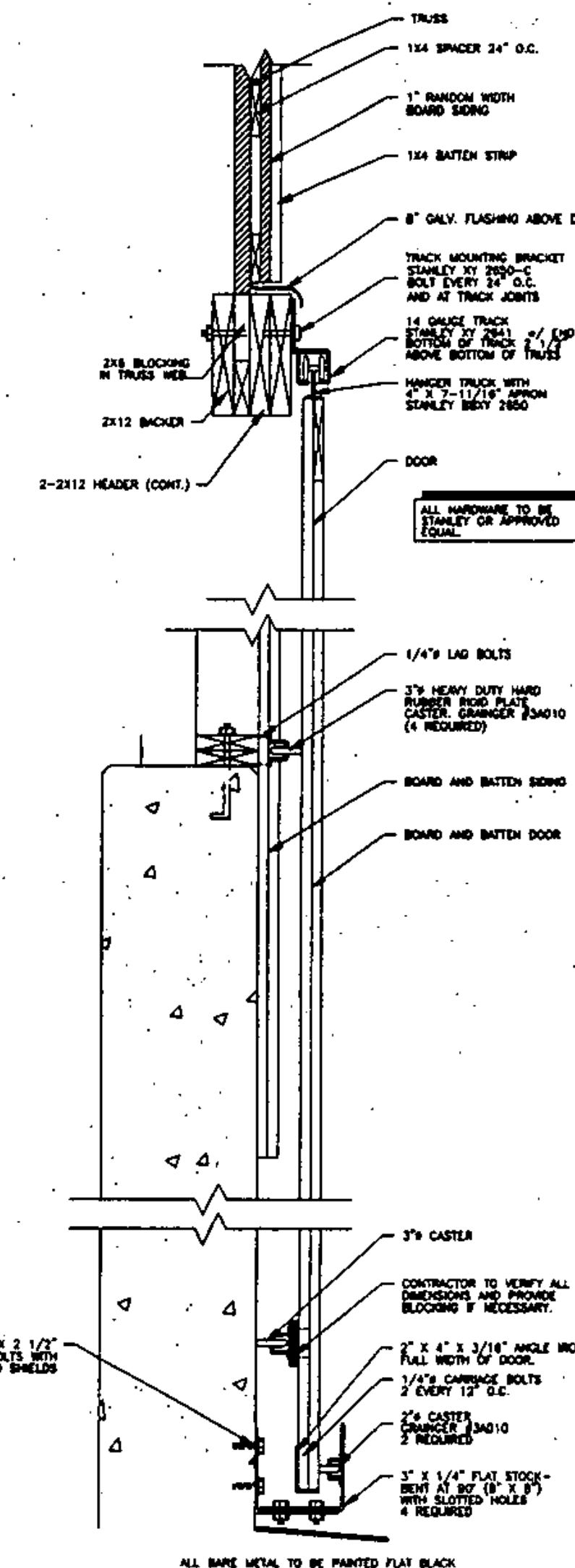
CORNER DETAIL

N.T.S.



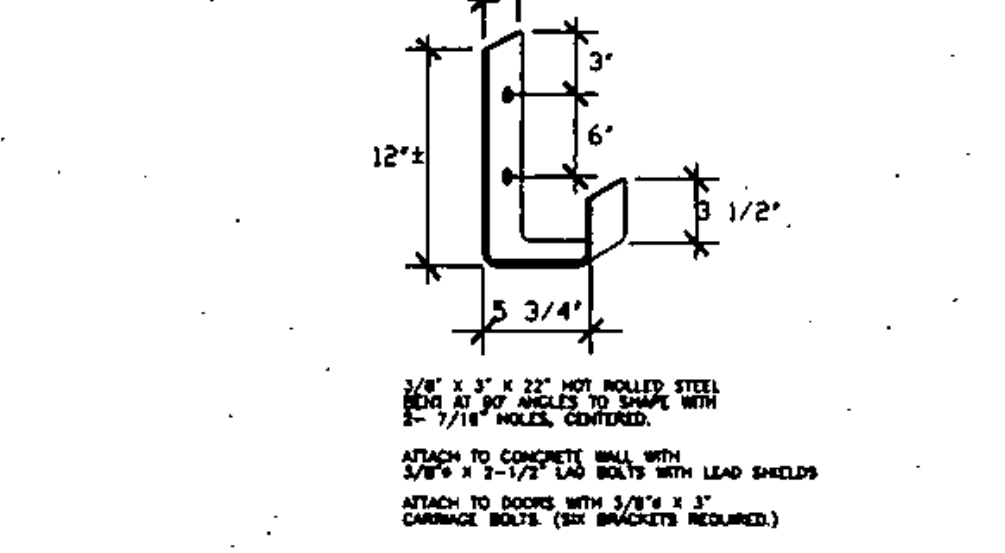
CORNER GUARD

N.T.S.



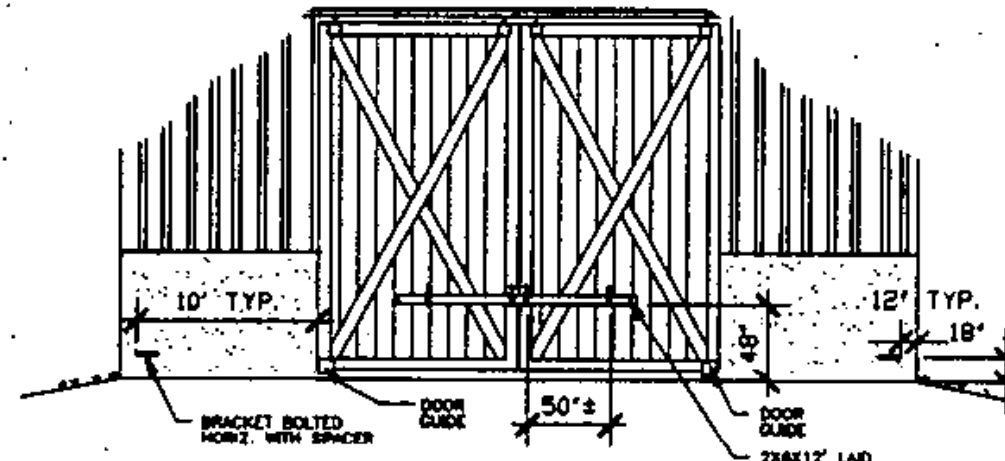
DOOR TRACK & GUIDE DETAIL

N.T.S.



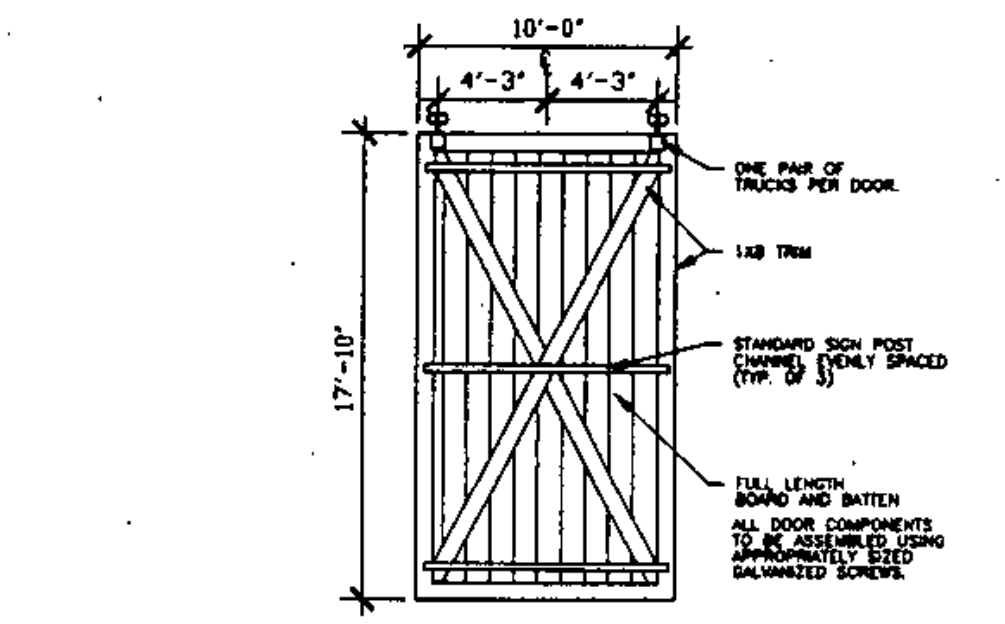
DOOR BRACKET DETAIL

N.T.S.



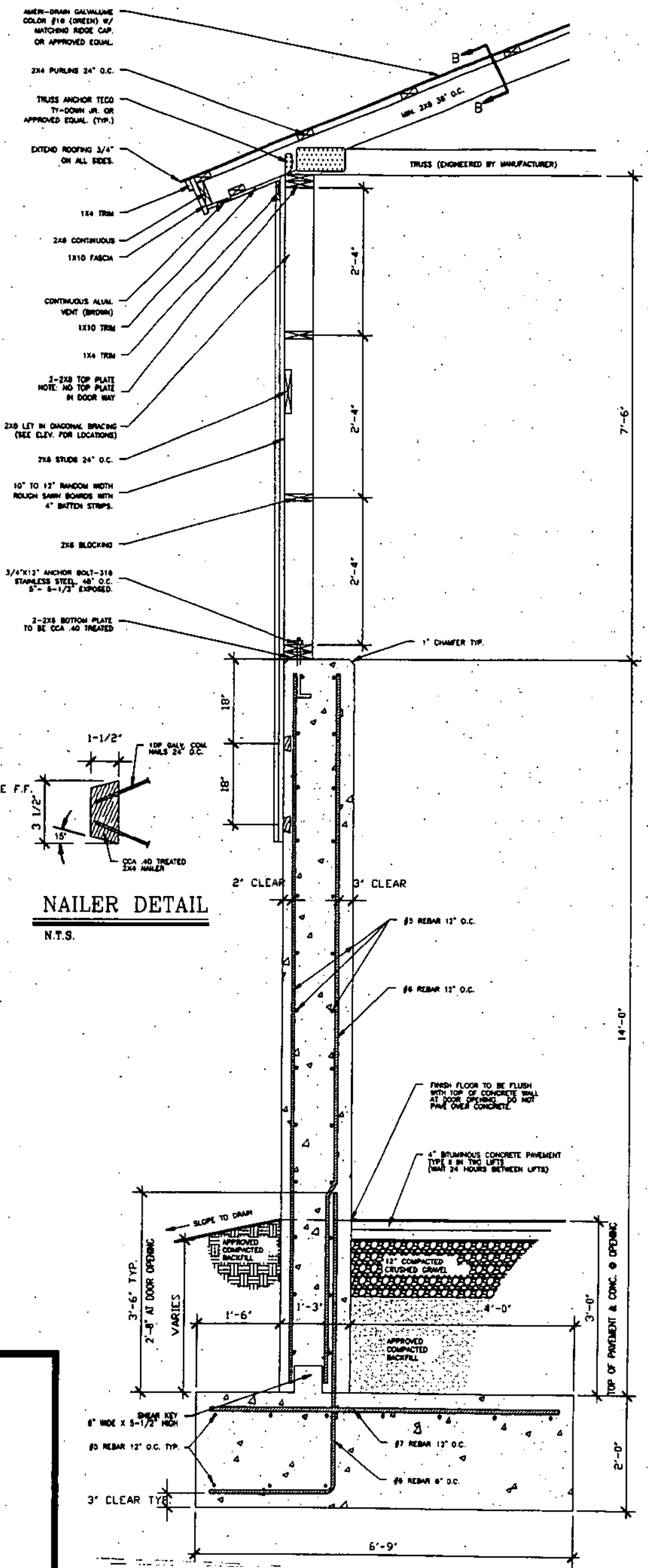
DOOR BRACKET LOCATION

N.T.S.



EXT. DOOR DETAIL

N.T.S.



WALL SECTION (TYP.)

3/4" = 1'-0"

**GENERAL NOTES:**  
ALL EXPOSED METAL (CORNER ANGLES, DOOR GUIDES, BRACKETS ETC.) SHALL BE PAINTED FLAT BLACK (2 MILS THICK, DRY, MIN.) OVER RUST INHIBITING PRIMER.

**TRUSS NOTES:**  
TRUSS MANUFACTURER TO PROVIDE THE DEPT. OF STATE BUILDINGS ENGINEER A SET OF ENGINEERED AND STAMPED DRAWINGS FOR APPROVAL PRIOR TO TRUSS MANUFACTURE.  
TRUSS MANUFACTURER TO PROVIDE THE CONTRACTOR WITH ALL THE NECESSARY INSTRUCTIONS FOR PROPER TRUSS INSTALLATION, ANCHORAGE, BRACING, LIFTING, ETC.  
TRUSS DESIGN IN ACCORDANCE WITH THE 1987 B.O.C.A. FOR VERMONT.  
MINIMUM LOADS:  
LIVE - 50 P.S.F. - PER 1987 B.O.C.A. FOR VERMONT.  
DEAD - AS CALCULATED FROM TRUSS AND ROOF MATERIALS AND IN ADDITION 5 P.S.F. ON BOTTOM CHORD.  
WIND - 25 P.S.F.  
DIAGONAL BRACING PER TRUSS MANUFACTURER AND PER MINIMUM TRUSS BRACING DETAIL IN SPECIFICATIONS.

**CONCRETE NOTES:**  
● ALL CONCRETE TO BE 3500 PSI @ 28 DAYS WITH A MAXIMUM SLUMP OF 4".  
● 58-88 AIR ENTRAINMENT.  
● 1/2" Y JOINTS IN EXPOSED FACE OF CONSTRUCTION JOINTS.  
● 3/4" CHAMFER ON EACH FACE OF CONSTRUCTION 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 FOOTINGS.  
● CONTRACTOR TO LEAVE NO METAL WITHIN 1" OF SURFACE. USE 1" DEEP PLASTIC CONES AT ALL TIES AND PLUG ALL THE HOLES WITH AN APPROVED NON-SHRINK GROUT.  
● ALL RE-BAR TO BE GRADE 60.  
● RE-BAR TO BE STORED ON BLOCKING 4" MIN. ABOVE GROUND.  
● CONCRETE SUPPLIER TO PROVIDE TEST CYLINDERS FOR CONCRETE TESTING.  
● ALL CONCRETE TESTING TO BE DONE BY OWNER. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING.  
● EXPOSED WALLS TO BE DRESS FINISHED PER A.D.T. SPECIFICATIONS.

