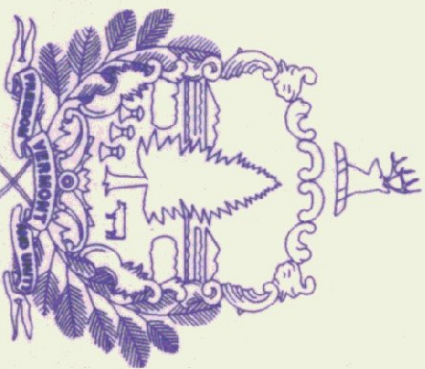
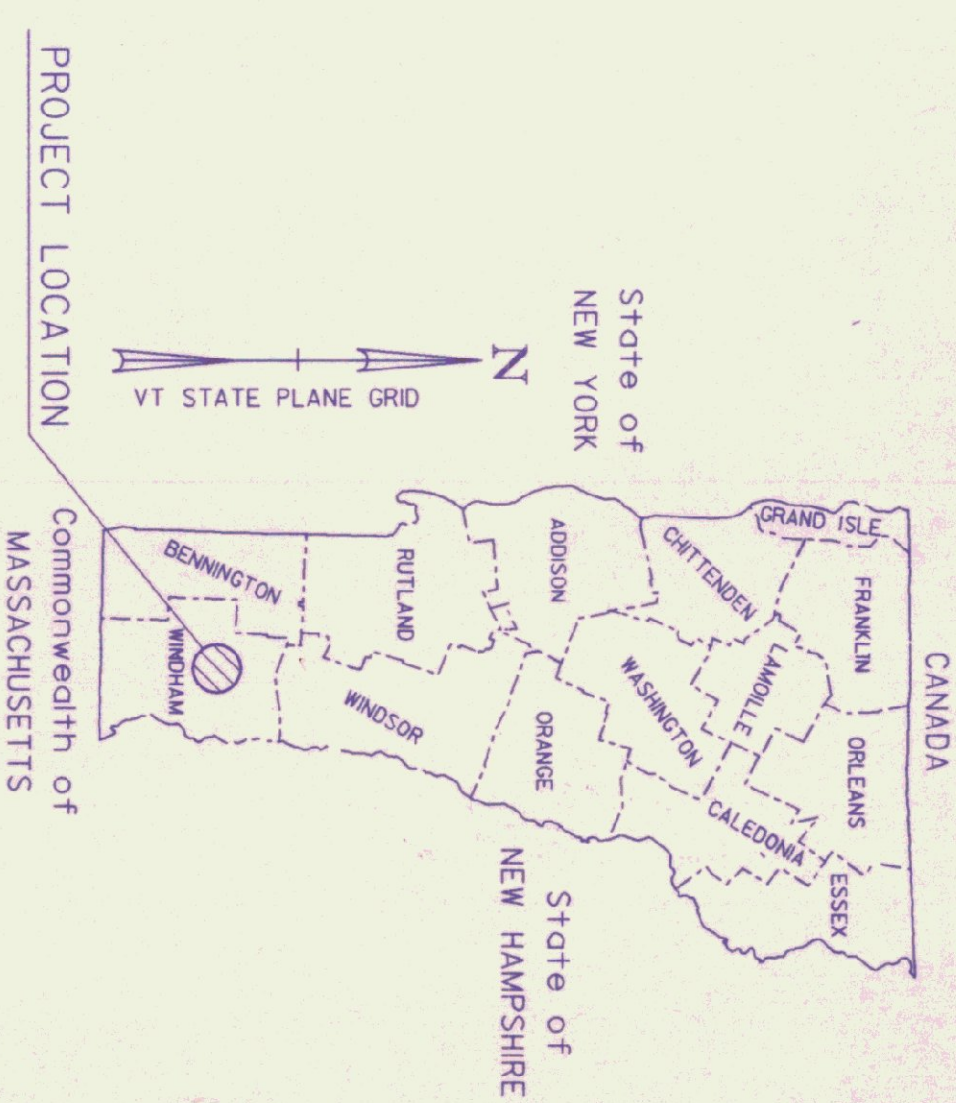
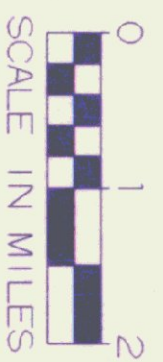
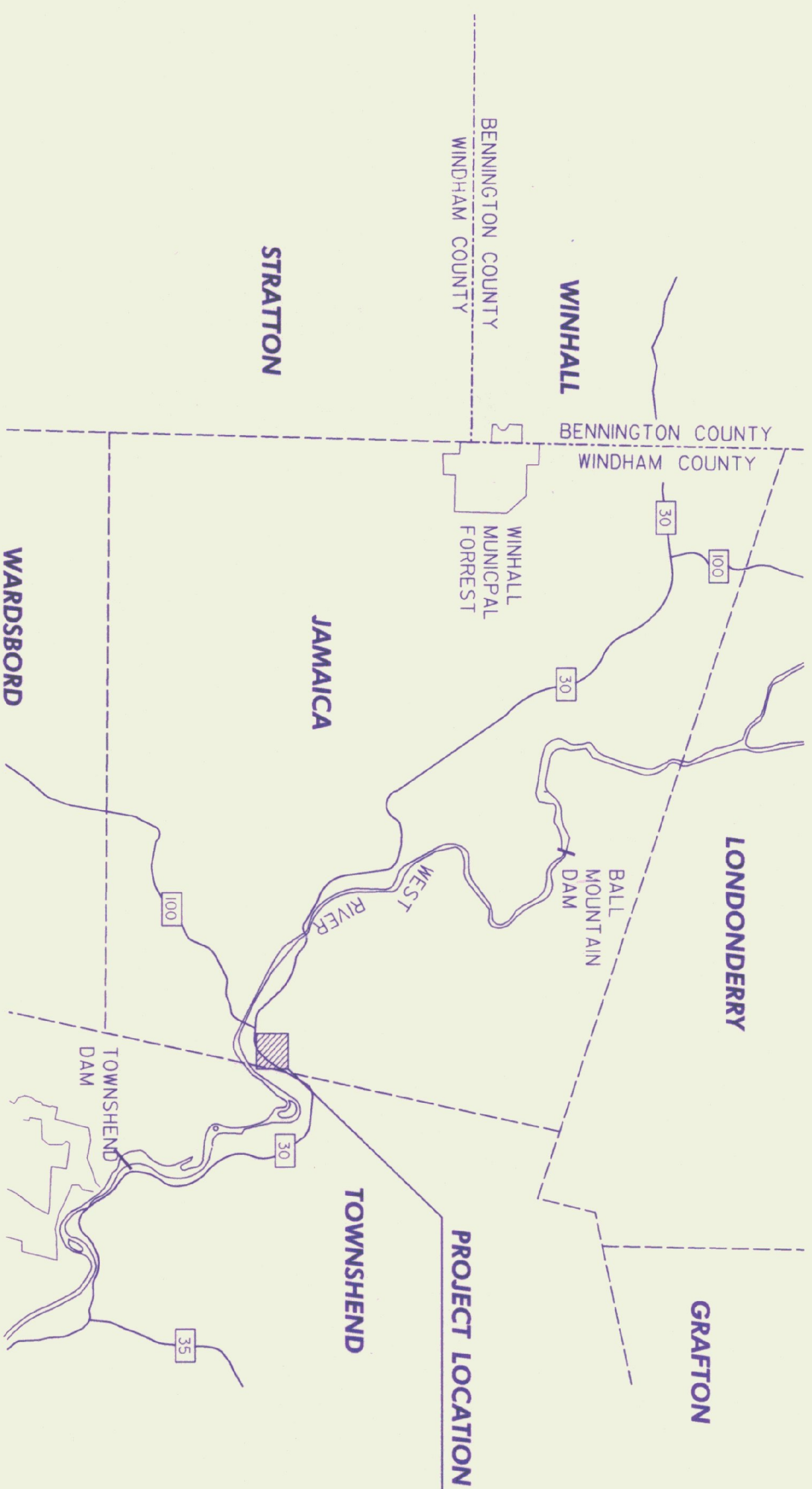


INDEX OF SHEETS

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STATE OF VERMONT
 AGENCY OF TRANSPORTATION

 PROPOSED IMPROVEMENT
 CONSTRUCTION OF NEW
 SAND-SALT SHED
 TOWN OF JAMAICA
 COUNTY OF WINDHAM

WORK TO BE PERFORMED UNDER THIS CONTRACT INCLUDES
 CONSTRUCTION OF A NEW SAND-SALT SHEDS, 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.

APPROVED *David A. Davis* DATE 3/3/99
 DIRECTOR OF MAINTENANCE

PROJECT EAST JAMAICA STP (SALTIO)
 SHEET 1 OF 5 SHEETS

DATUM
 VERTICAL _____
 HORIZONTAL _____



NOTES:

1. ALL PROPOSED PAVEMENT SHALL HAVE A 1/4" THICK TYPE III WEARING COURSE AND A 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.
 2. TACK COAT: ITEM 404.65, EMULSIFIED ASPHALT, IS TO BE APPLIED ON ALL EXISTING PAVEMENT SURFACES, ON COLD PLANNED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.05 GAL/SY OR AS DIRECTED BY THE RESIDENT ENGINEER.
 3. AREAS NOTED ON THE PLANS TO HAVE EXISTING SURFACES REMOVED (PAID AS ITEM 203.28, EXCAVATION OF SURFACES AND PAVEMENTS, UNLESS OTHERWISE NOTED), SHALL HAVE 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, UNLESS OTHERWISE NOTED. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28, SUBBASE OF CRUSHED GRAVEL (FINE GRADED).
 4. 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.
 5. SEE VAOT STANDARD DRAWINGS T-1 AND T-2 FOR TEMPORARY EROSION CONTROL DETAILS.
 6. ALL EXISTING MATERIAL STORED ON SITE (SAND, COLD PLANE GRINDINGS, BRUSH, ECT.) SHALL BE REMOVED BY VAOT PRIOR TO CONSTRUCTION.
 7. UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL WORK WITH THE VAOT IN DETERMINING ACTUAL LOCATION OF UTILITIES.
 8. CONTRACTOR SHALL SUPPLY UNDERGROUND POWER TO NEW SHEDS, AND SHALL CONTACT THE LOCAL POWER COMPANY(S) CONCERNING THIS WORK. ANY EXISTING CIRCUITS MAY BE USED IF APPLICABLE. CONTRACTOR SHOULD FIELD VERIFY EXISTING CIRCUITS. GENERAL WIRING SHALL BE PVC CONDUIT WITH WIRE SUITABLE FOR UNDERGROUND OR WET LOCATION WITH NOT MORE THAN 3% VOLTAGE DROP FROM SOURCE TO END OF CIRCUIT, AND SHALL MEET ALL LOCAL AND NEC REQUIREMENTS. CONTRACTOR SHALL SUPPLY RESIDENT ENGINEER WITH A SKETCH SIGNED BY A MASTER ELECTRICIAN, SHOWING ROUTING AND METHOD OF LAYING CONDUIT/SUPPLY WIRING; AND COPIES OF ALL ELECTRICAL PERMITS.
- CIRCUITS AND WIRING SHALL HAVE ENOUGH CAPACITY TO ALLOW FUTURE EXTENSION (BY OTHERS) TO ACCOMMODATE A CHLORIDE PUMP AND AN OVERHEAD LIGHT (BY OTHERS). ASSUME THE CHLORIDE TANK INSTALLATION (BY OTHERS) WILL BE WITHIN 50' OF THE SALT/SAND SHED THAT IS FURTHEST FROM THE POWER SOURCE. CHECK WITH DISTRICT ON PUMP POWER REQUIREMENTS.
- ALL COSTS ASSOCIATED WITH THIS WORK (EXTENSION OF EXISTING POWER SUPPLY TO PROPOSED STRUCTURES) INCLUDING ALL TOOLS, EQUIPMENT, MATERIALS, LABOR AND INCIDENTALS NECESSARY TO PROVIDE A FULL FUNCTIONAL ELECTRICAL SYSTEM/SUPPLY, AND ALL ELECTRICAL PERMITS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 658.15 - ROADSIDE REST FACILITY (MODIFIED).
- ALL COSTS ASSOCIATED WITH REMOVAL OF EXISTING UTILITY POLES AND OVERHEAD AERIAL LINES WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED SUBSIDIARY TO ITEM 202.10 - DEMOLITION AND DISPOSAL OF BUILDING.

SEEDING FORMULA RURAL AREAS			
Z.W.I.	LBS./A.	NAME	PUR. %
37.5	22.5	CREeping RED FESCUE	98
37.5	22.5	TALL FESCUE	95
5.0	3.0	RED TOP	95
15.0	9.0	BIRDFOOT TREFOIL	98
5.0	3.0	ANNUAL RYE GRASS	95
100.0	60.0		85

SEEDING FORMULA URBAN AREAS			
Z.W.I.	LBS./A.	NAME	PUR. %
42.5	34.0	CREeping RED FESCUE	98
10.0	8.0	PERENNIAL RYE GRASS	95
42.5	34.0	KENTUCKY BLUE GRASS	85
5.0	4.0	ANNUAL RYE GRASS	95
100.0	80.0		85

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).

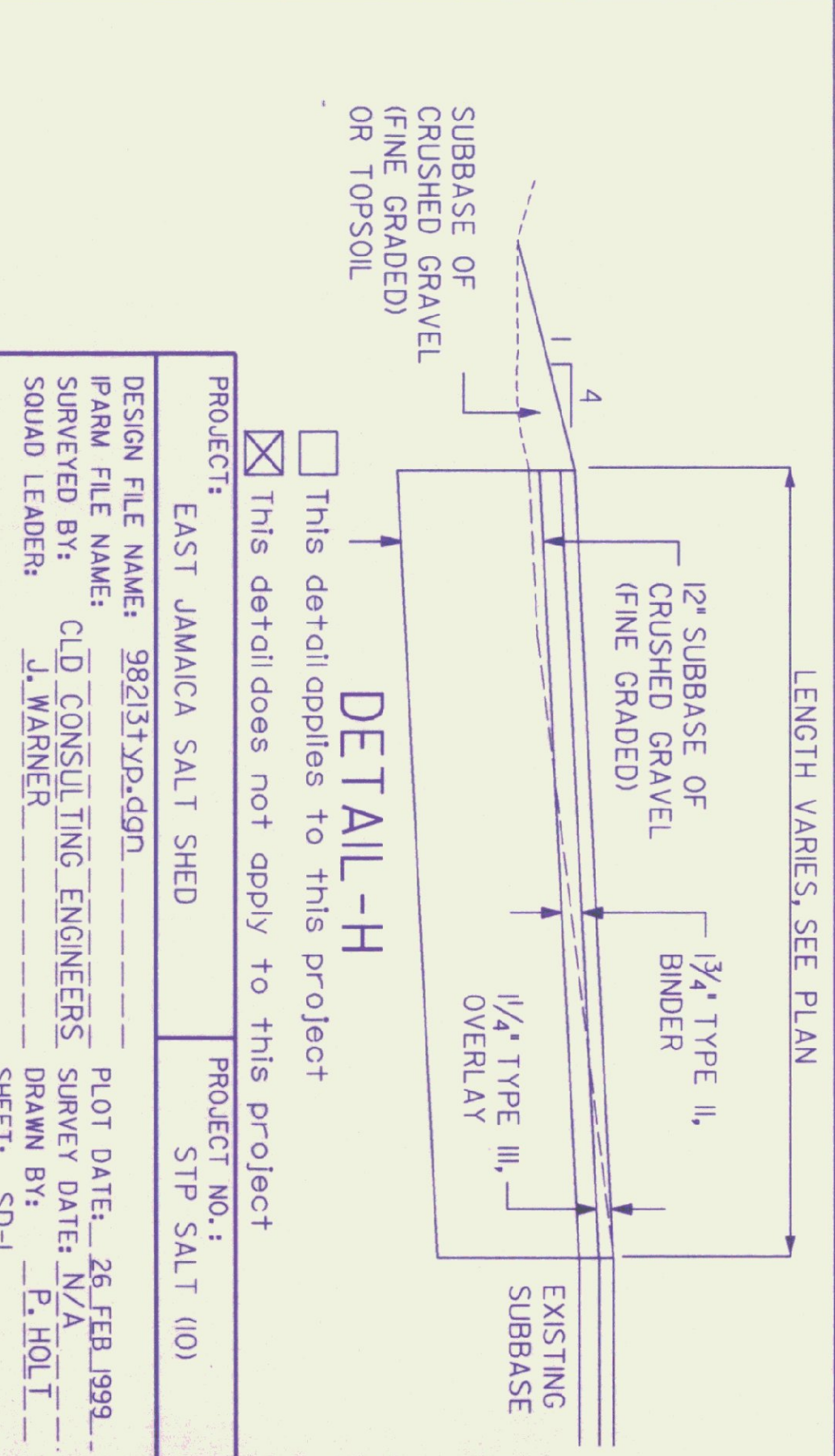
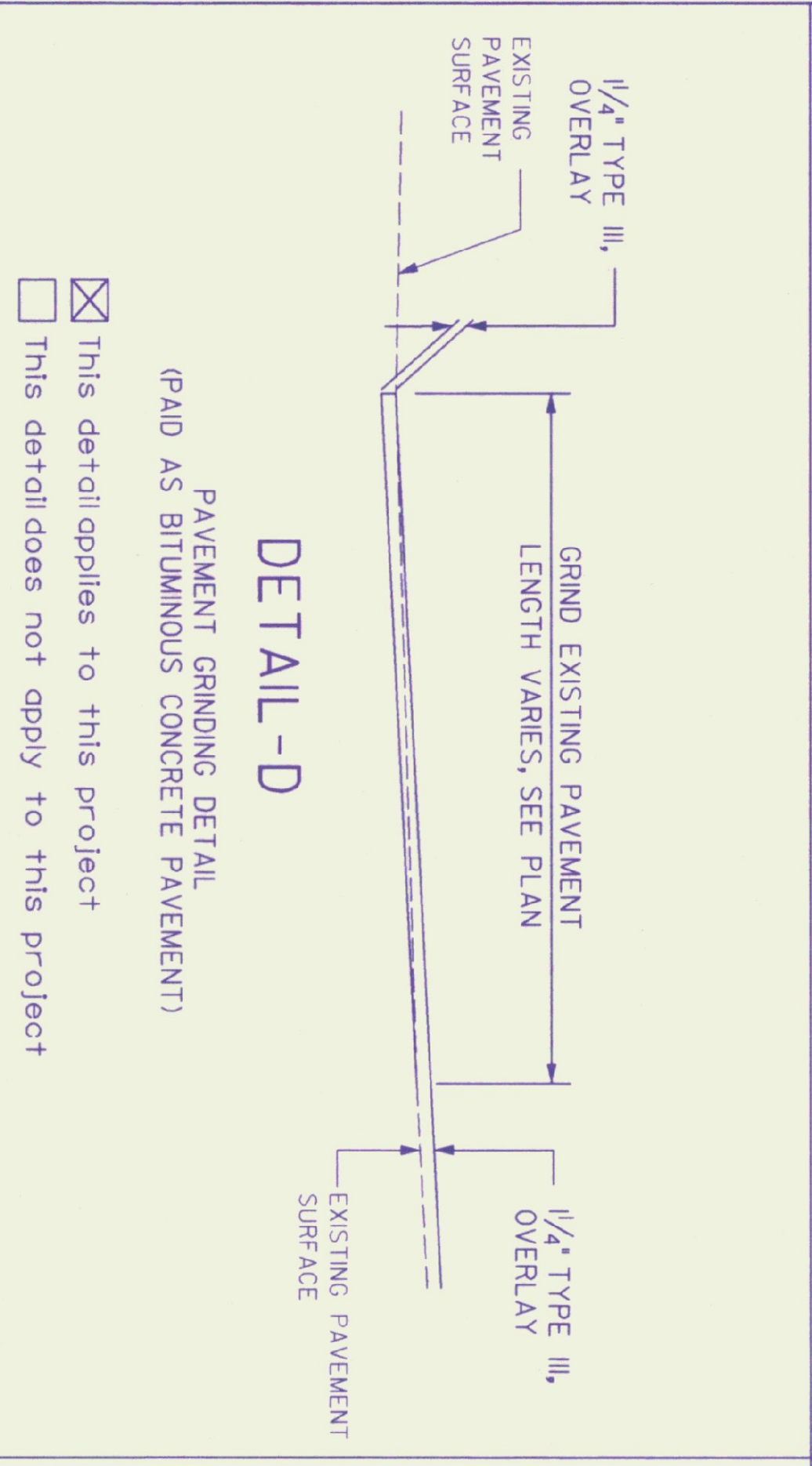
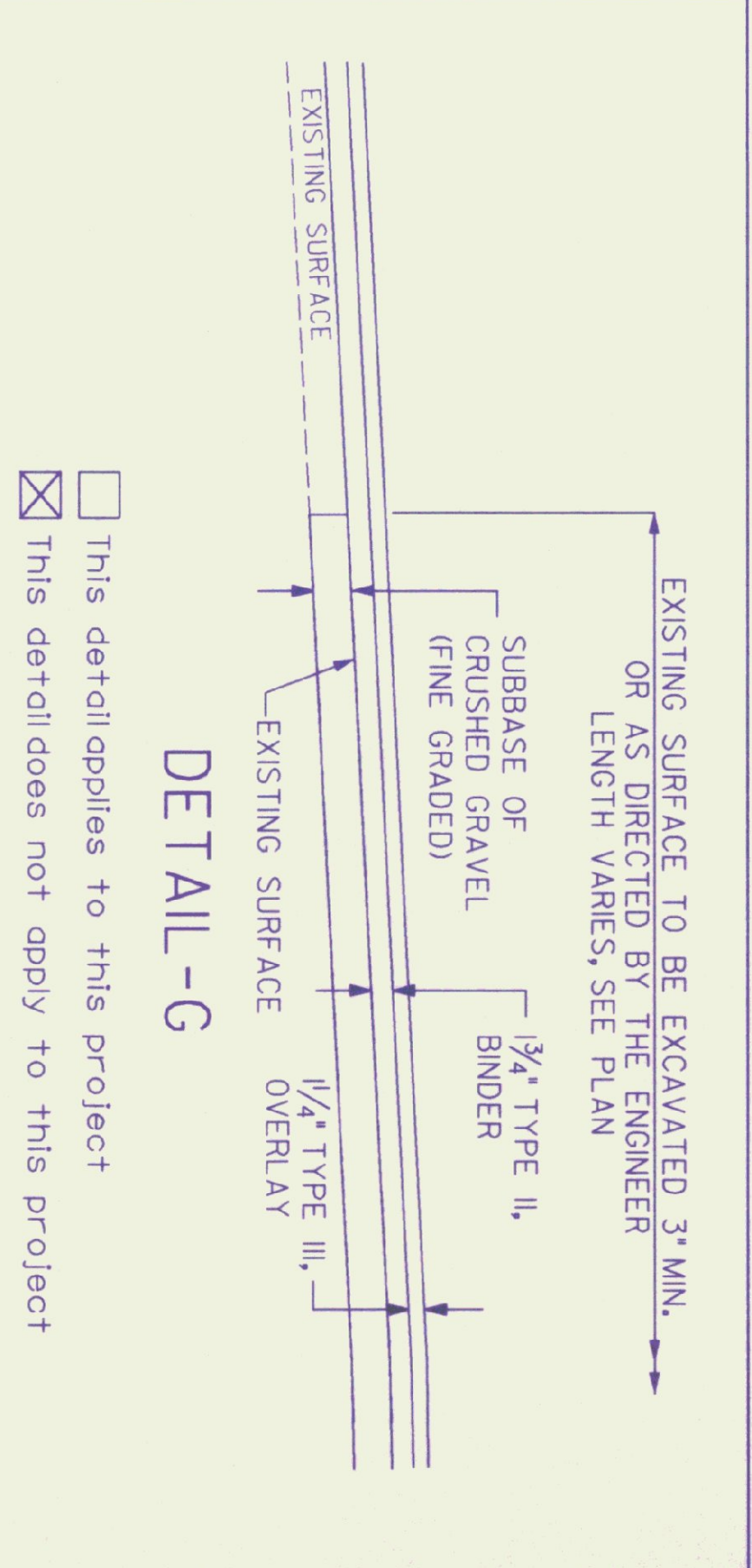
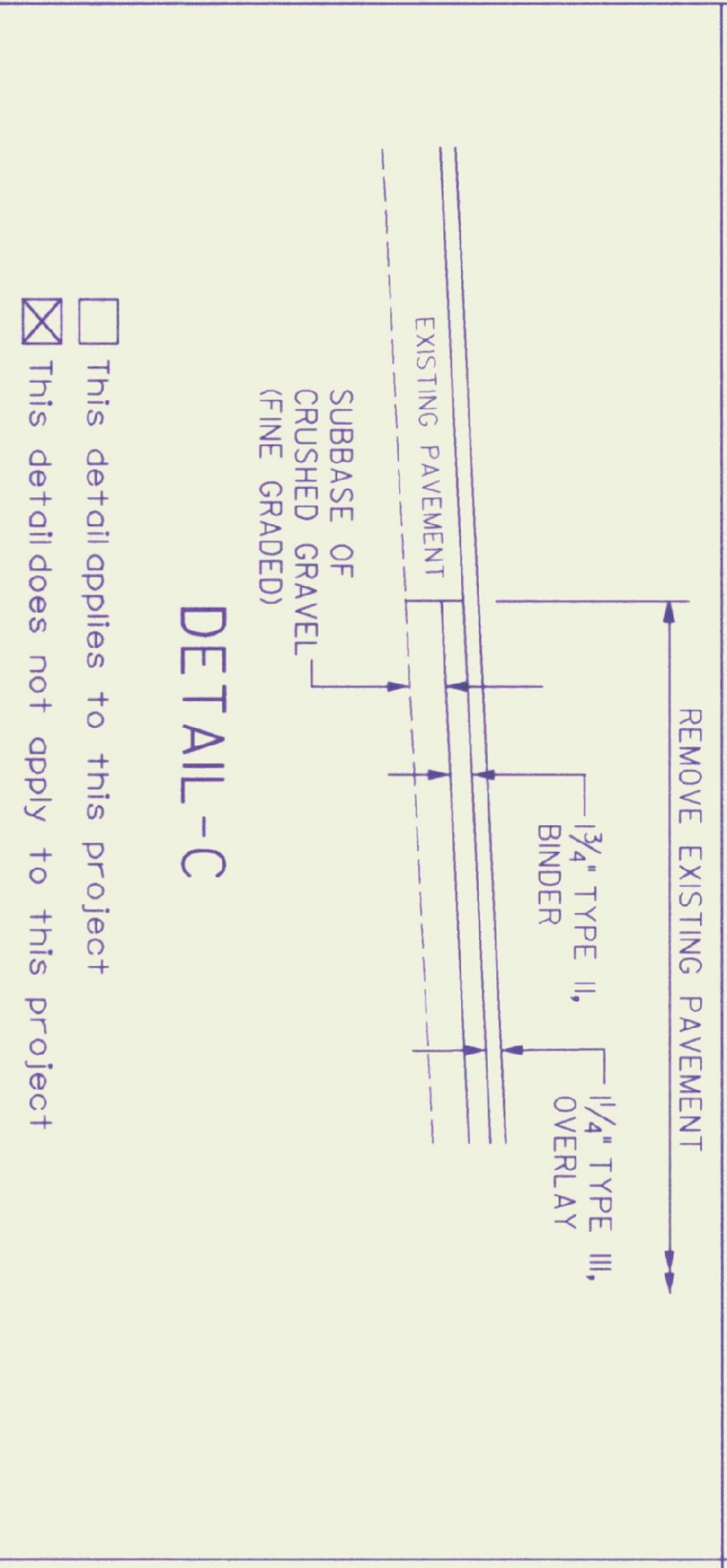
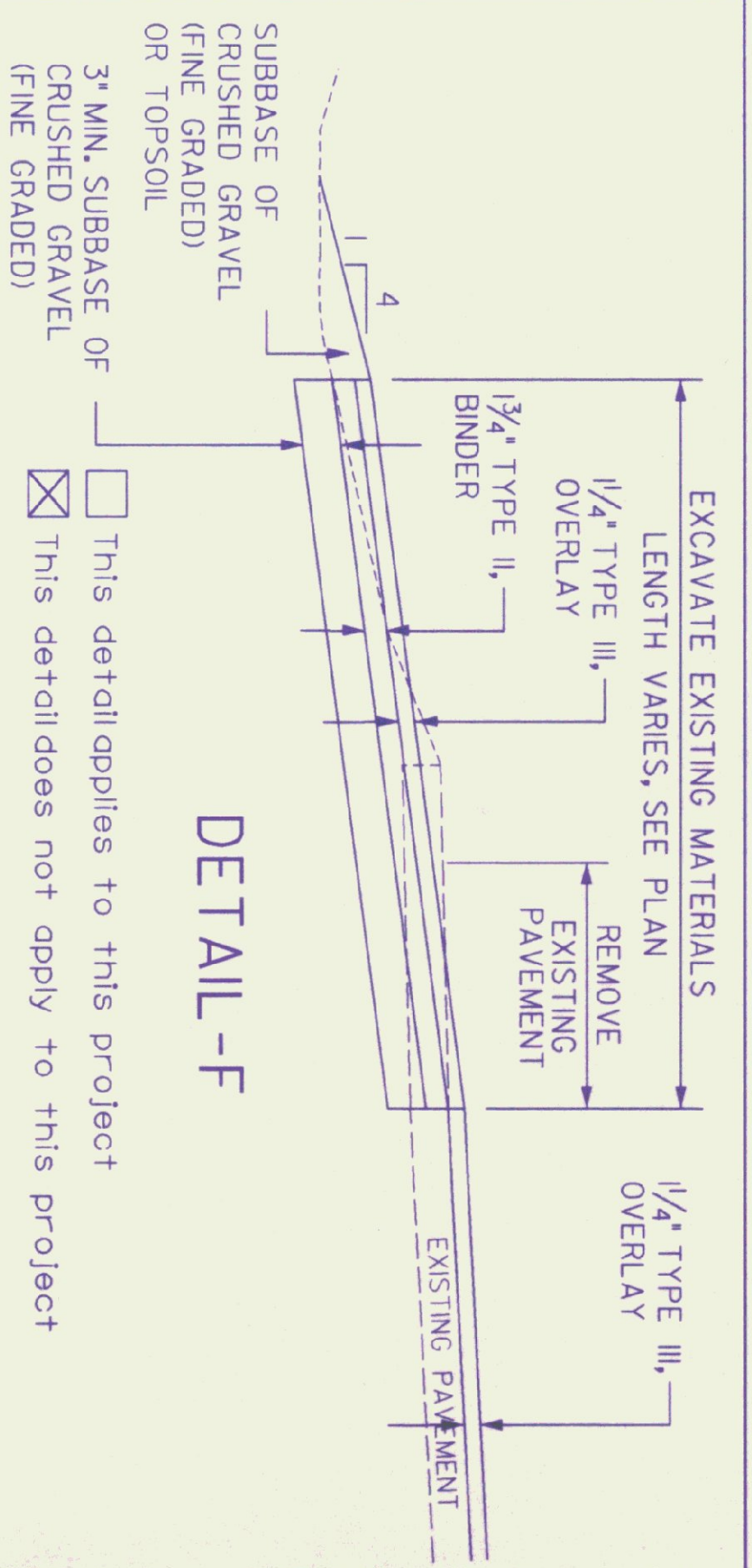
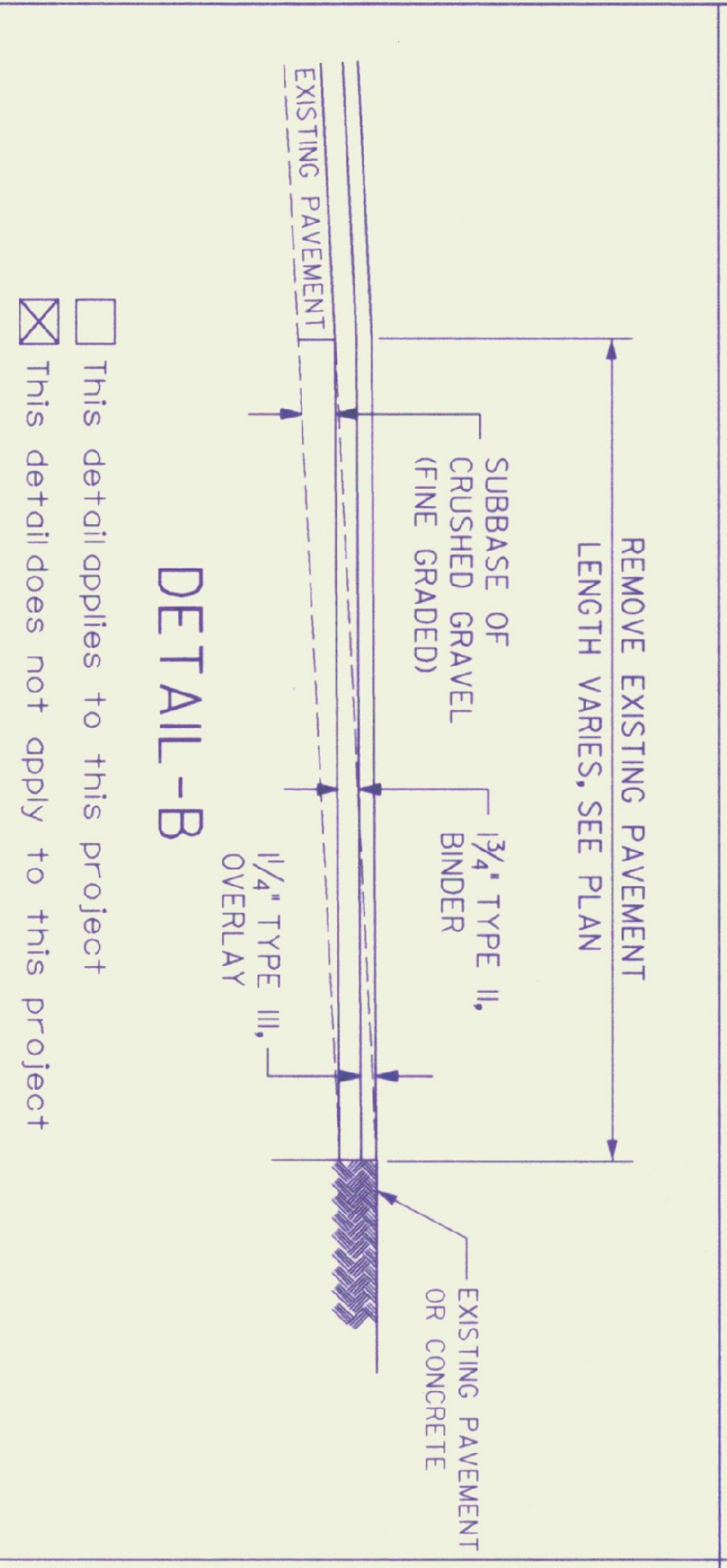
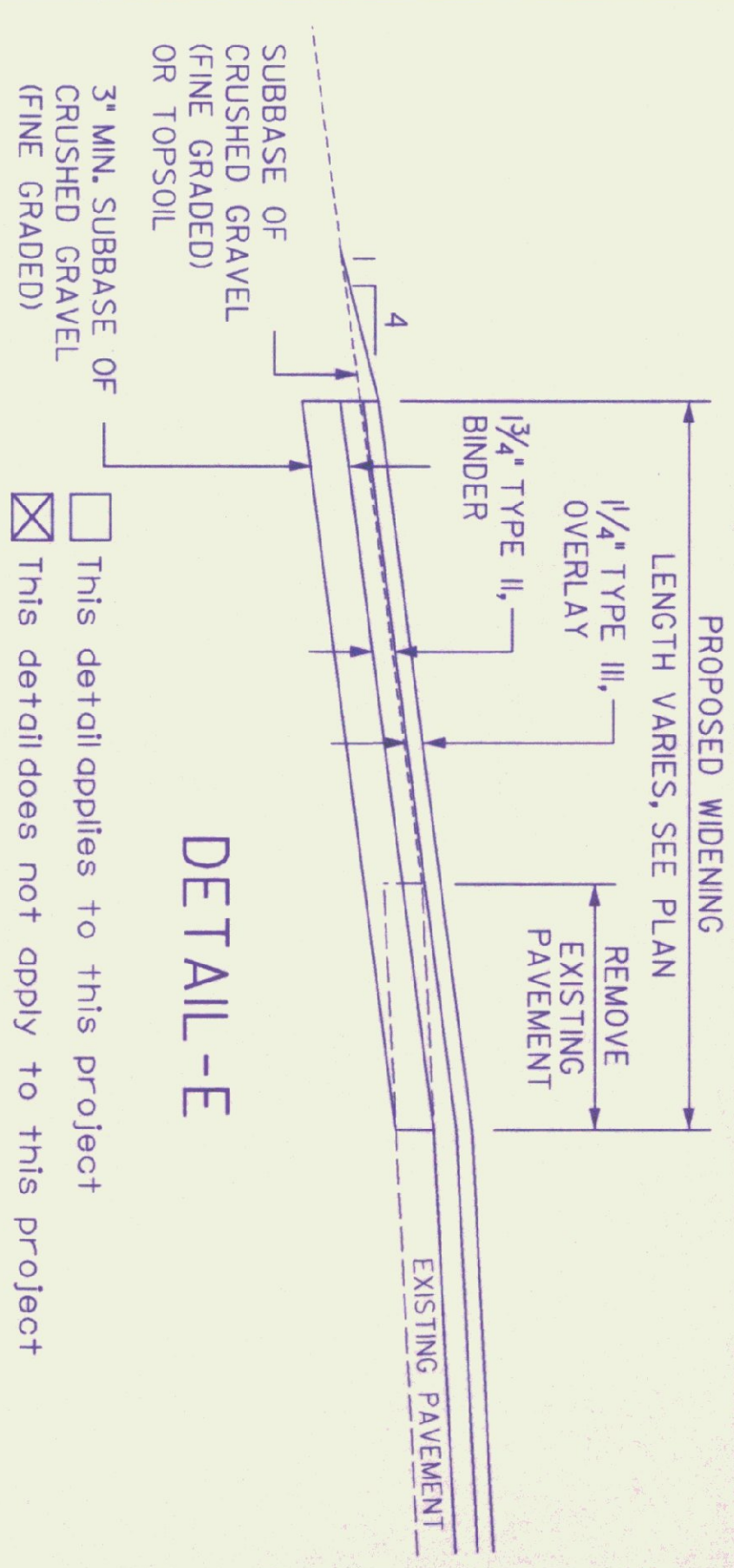
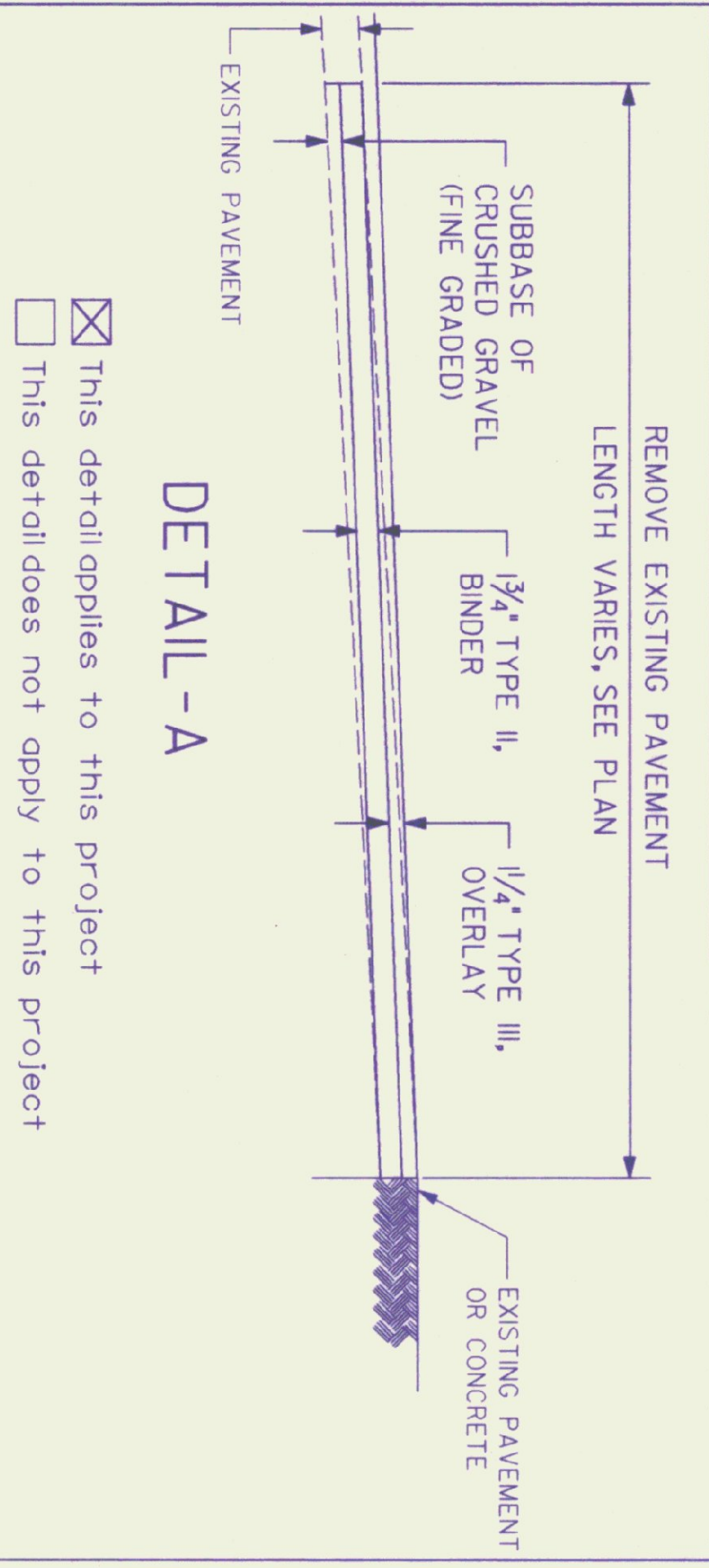
AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

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 _____

CID
CONSULTING ENGINEERS
1500 JAMAICA SALT SHED
PH: (803) 666-8223
FAX: (803) 666-8802
E-MAIL: CID@CIDENGINEERS.COM

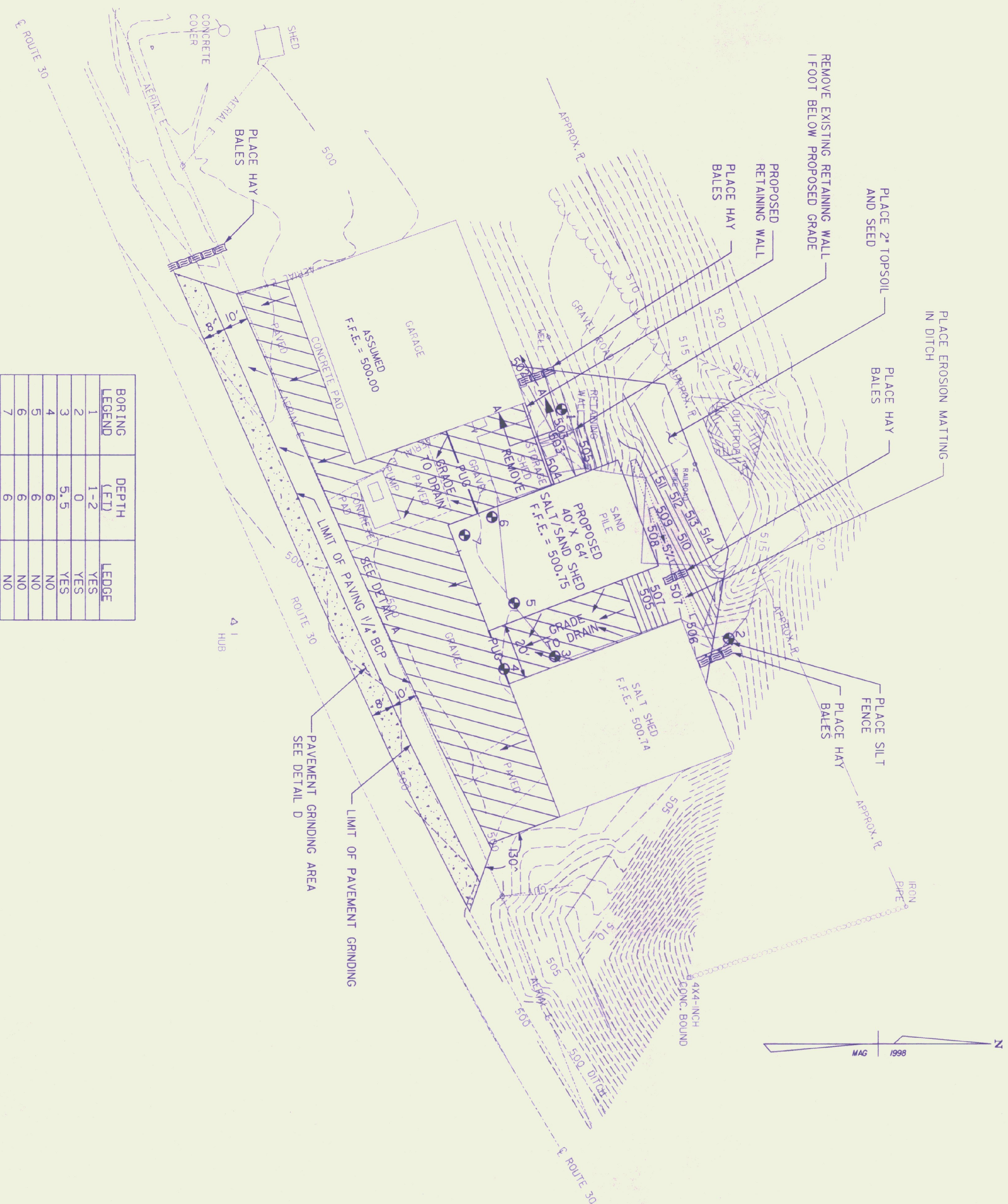


- This detail applies to this project
- This detail does not apply to this project

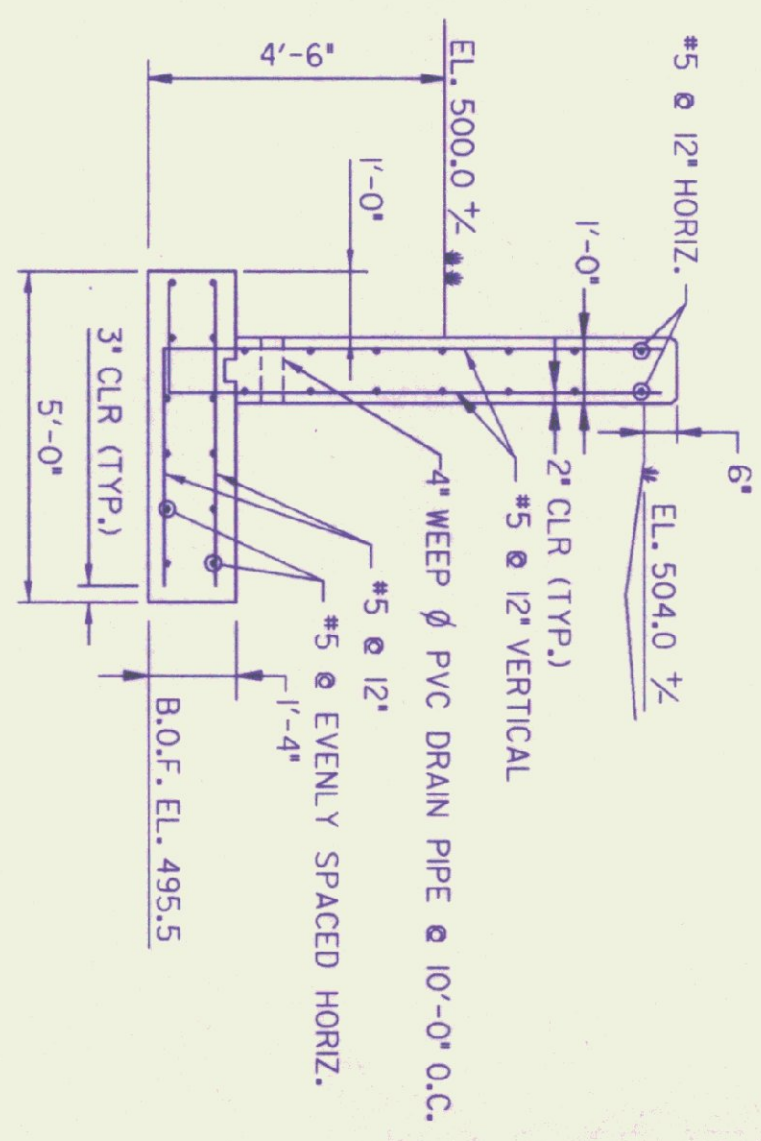
PAVEMENT GRINDING DETAIL
(PAID AS BITUMINOUS CONCRETE PAVEMENT)

PROJECT: EAST JAMAICA SALT SHED
PROJECT NO.: STP SALT (10)DESIGN FILE NAME: 98213TYD.dgn
PLM FILE NAME: CID CONSULTING ENGINEERS SURVEY DATE: N/A
SURVEYED BY: J. WARNER
DRAWN BY: P. HOLT
SOUND LEADER: SHEET: SD-1

DATE: 26 FEB 1999



BORING LEGEND	DEPTH (FT)	LEDGE
1	1-2	YES
2	0	YES
3	5.5	YES
4	6	NO
5	6	NO
6	6	NO
7	6	NO



RETAINING WALL TYPICAL SECTION A - A
Scale: 3/8" = 1'-0"

- NOTES**
1. ALL CONCRETE SHALL BE CLASS B - 3500 PSI WITH AIR ENTRAINMENT.
 2. FOUNDATIONS SHALL BE CONSTRUCTED ON SUBGRADE OR COMPACTED STRUCTURAL FILL HAVING AN ALLOWABLE BEARING CAPACITY OF 2000 PSF.
 3. THE 4" WEEP PVC DRAIN PIPE WILL BE CONSIDERED SUBSIDIARY TO ITEM 501.25, CONCRETE, CLASS B.

LEGEND

	PROPOSED UNDERGROUND UTILITIES
	REMOVE EXISTING SURFACE, REGRADE WITH SUBBASE OF CRUSHED GRAVEL (FINE-GRADED) & PAVE WITH 3" BCP

PROJECT: EAST JAMAICA SALT SHED PROJECT NO.: STP SALT (10)

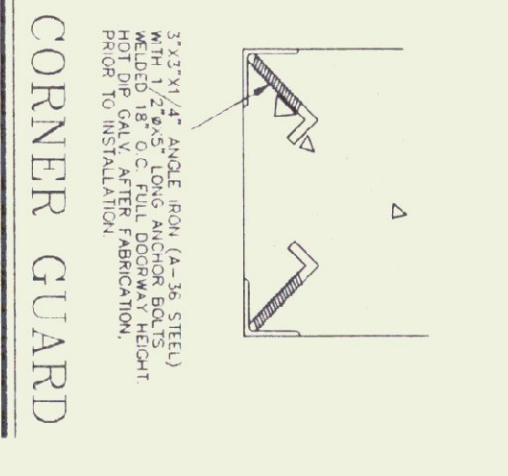
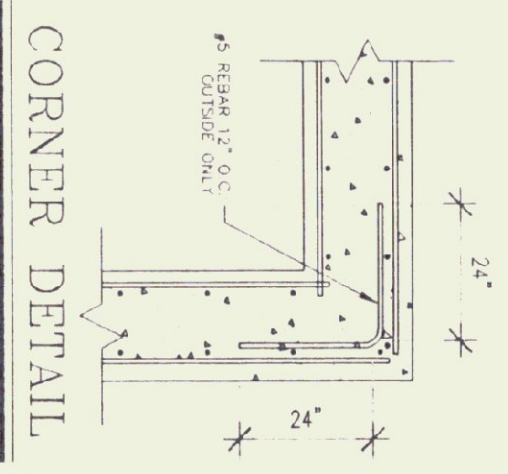
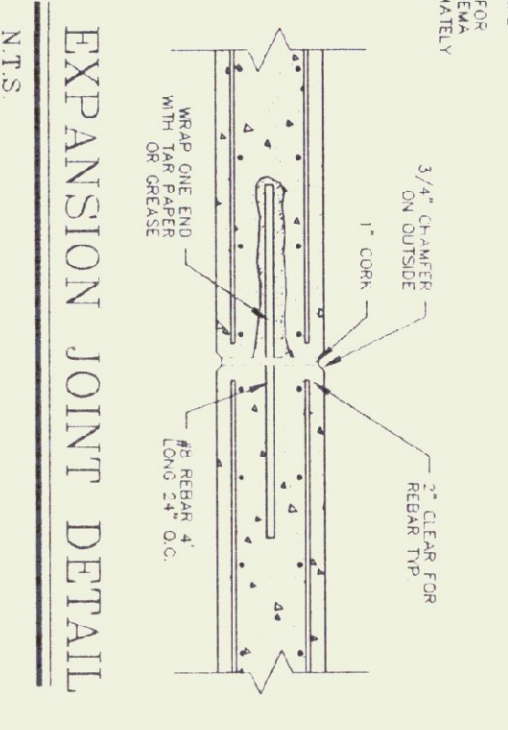
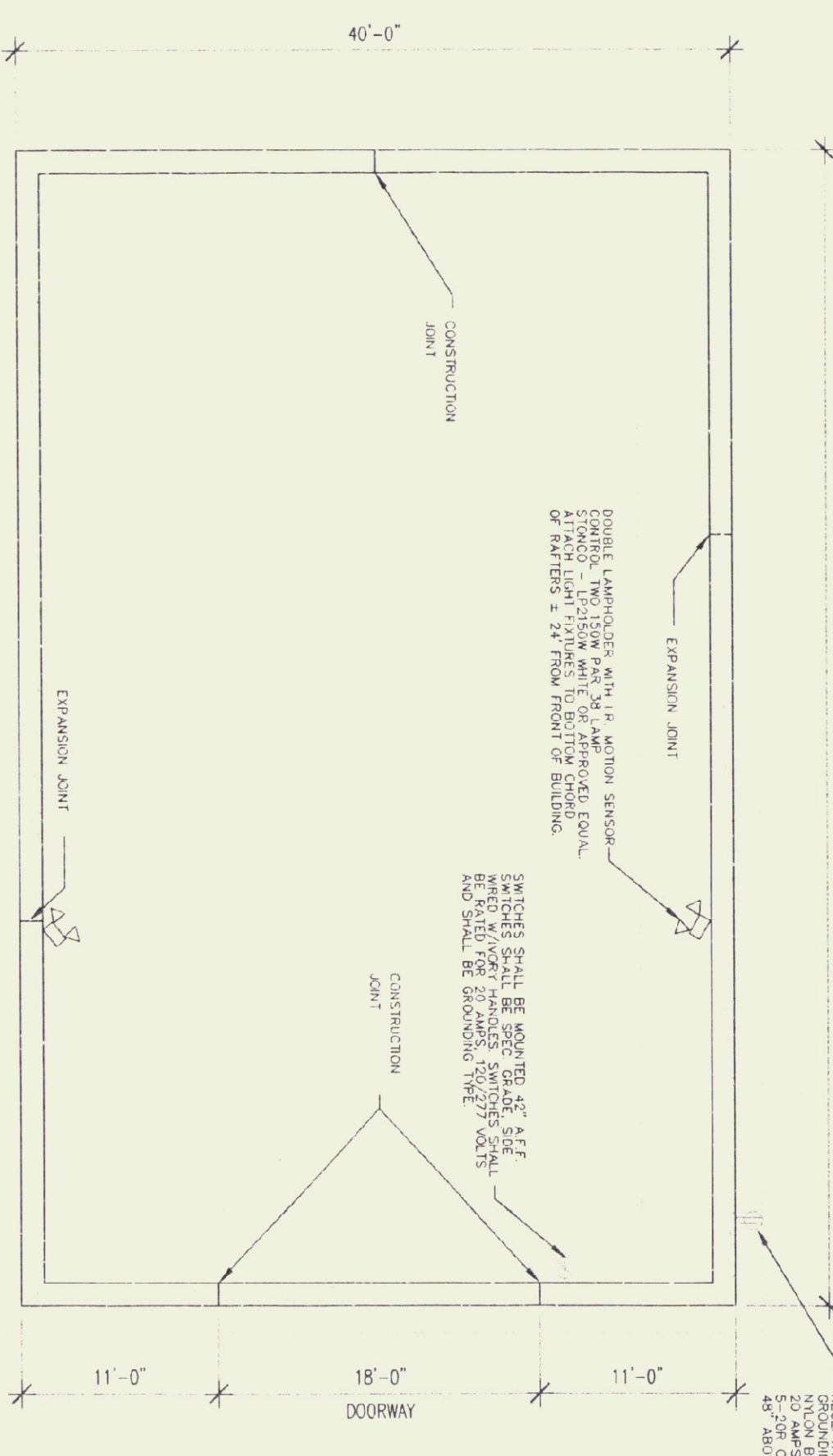
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PARM FILE NAME: CLD_CONSULTING_ENGINEERS SURVEY DATE: 7/98

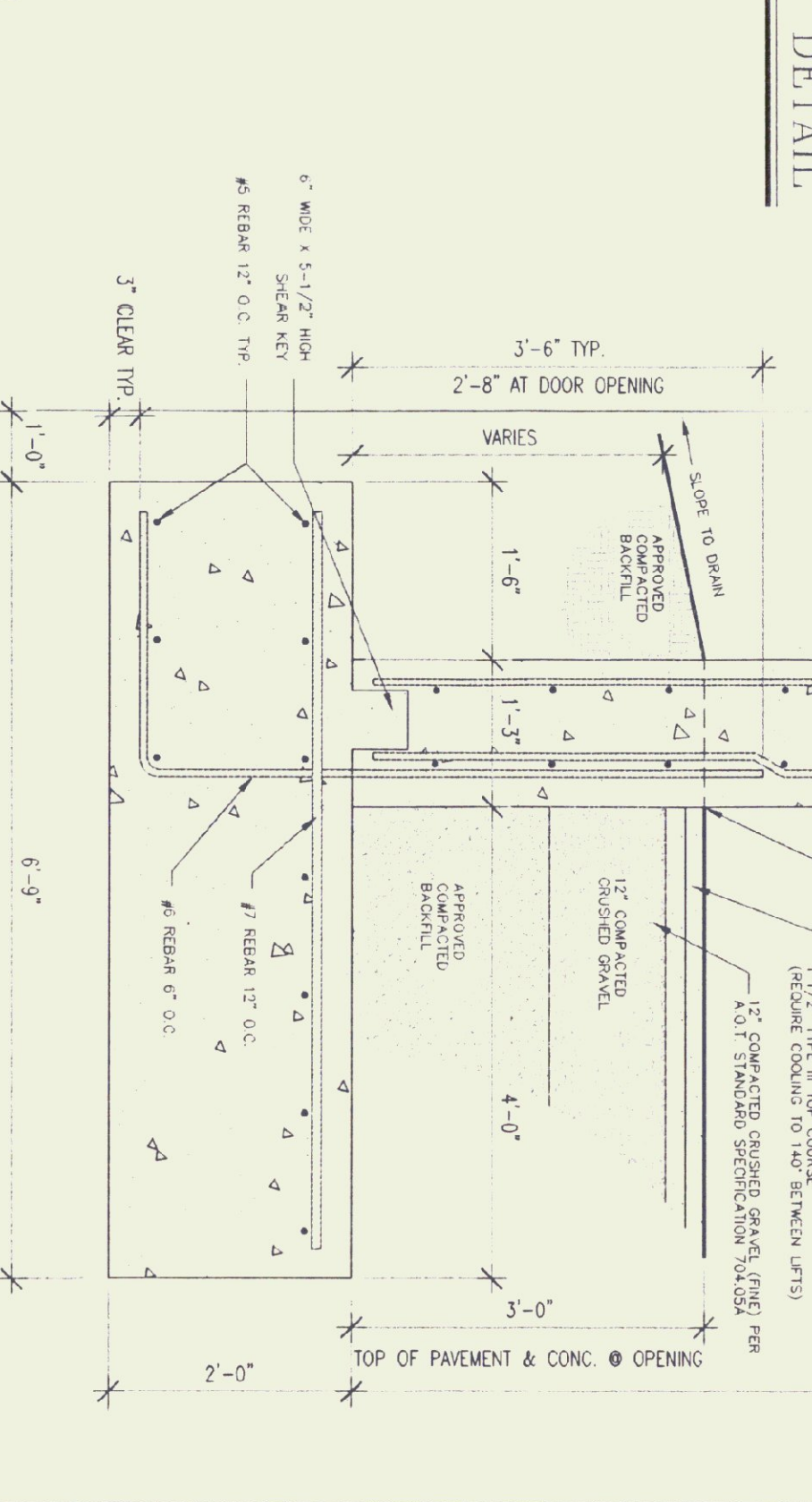
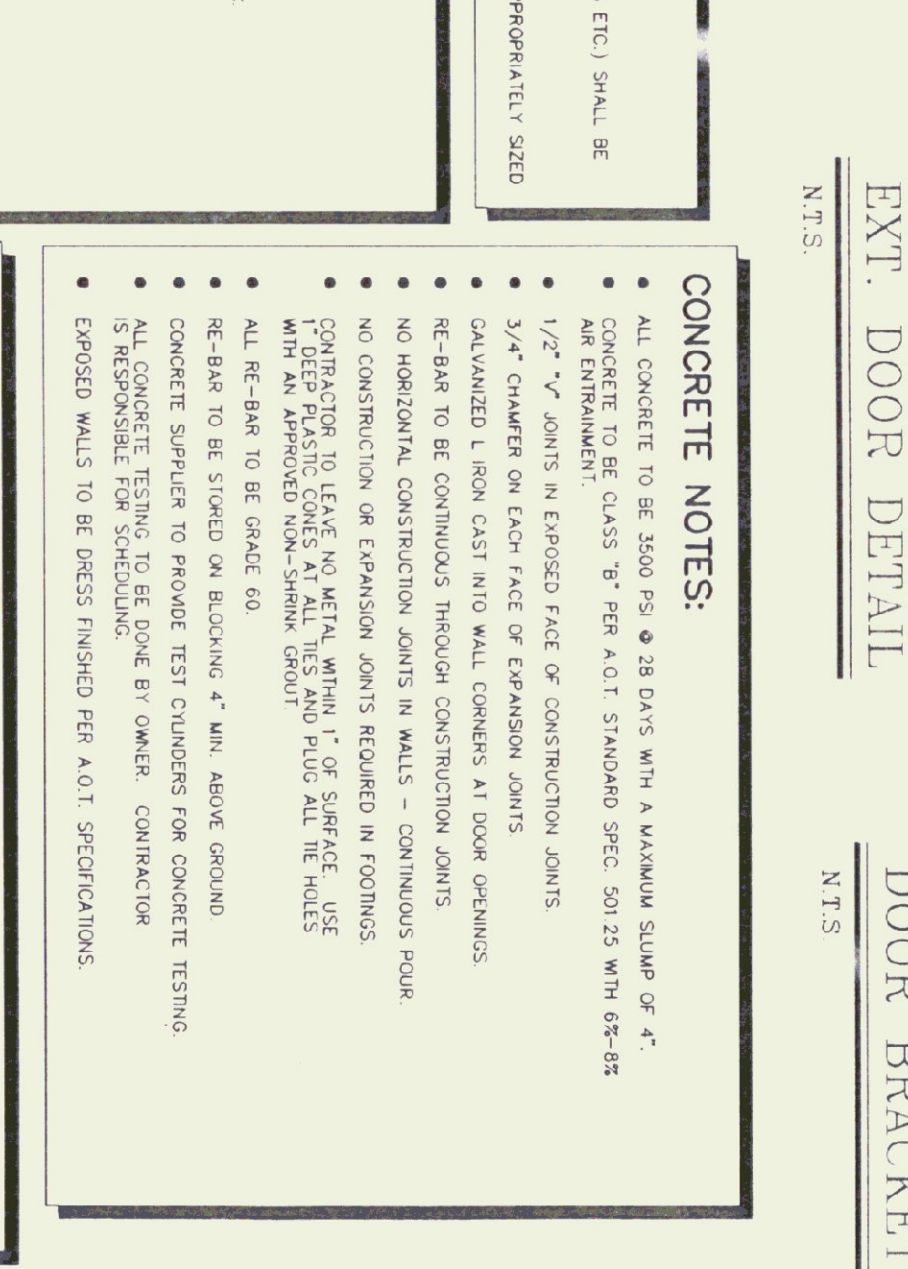
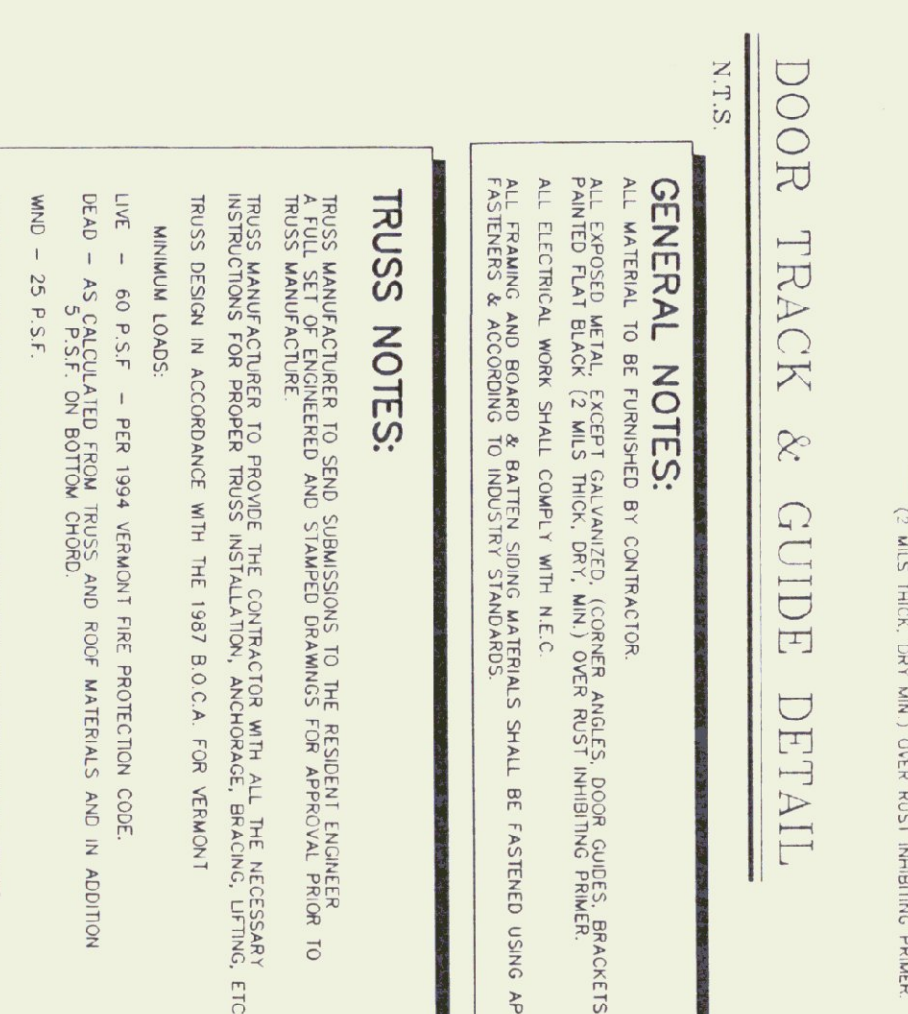
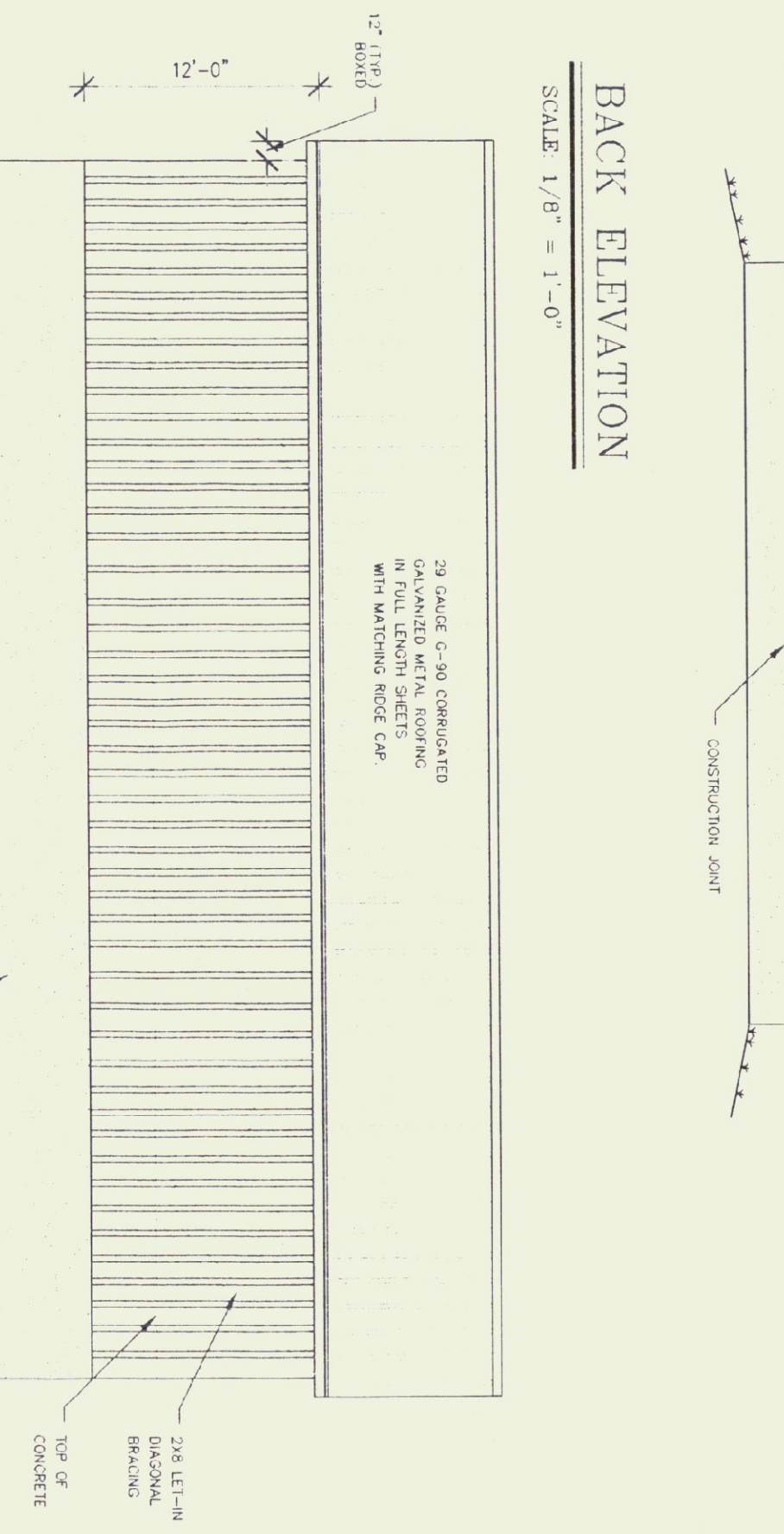
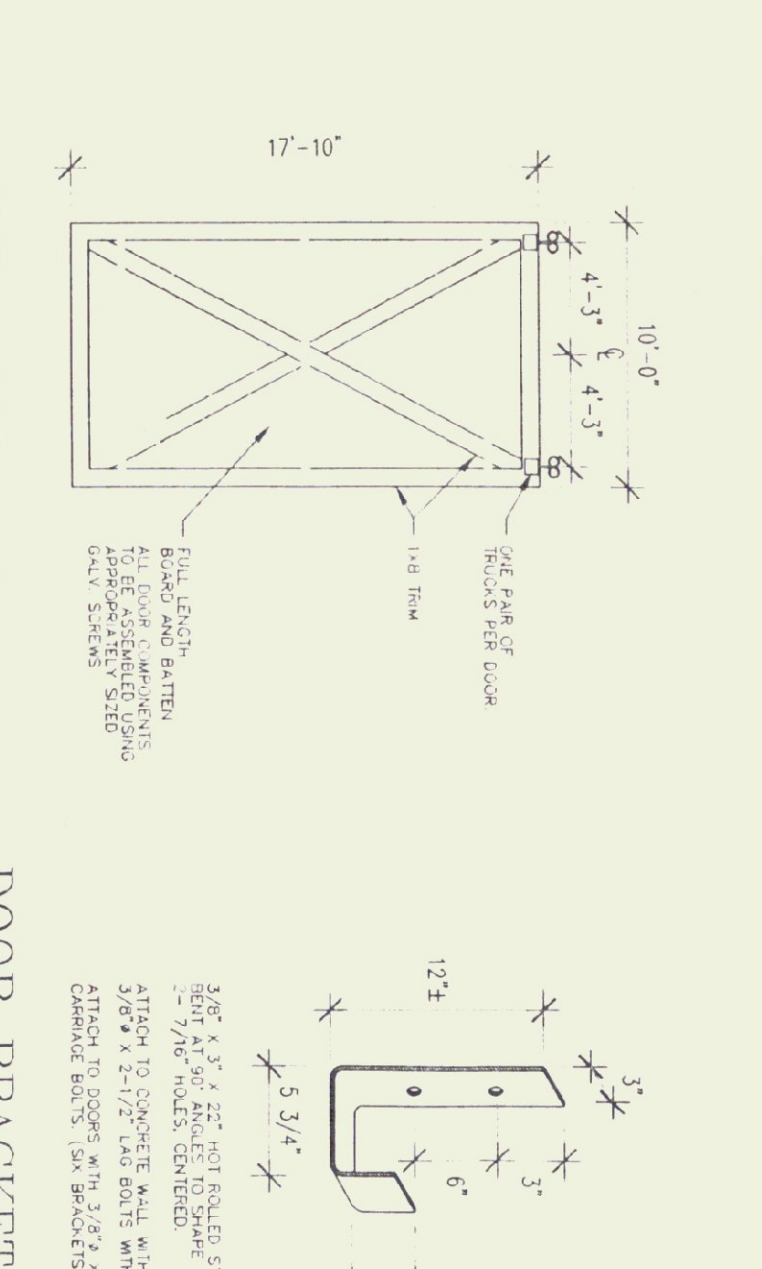
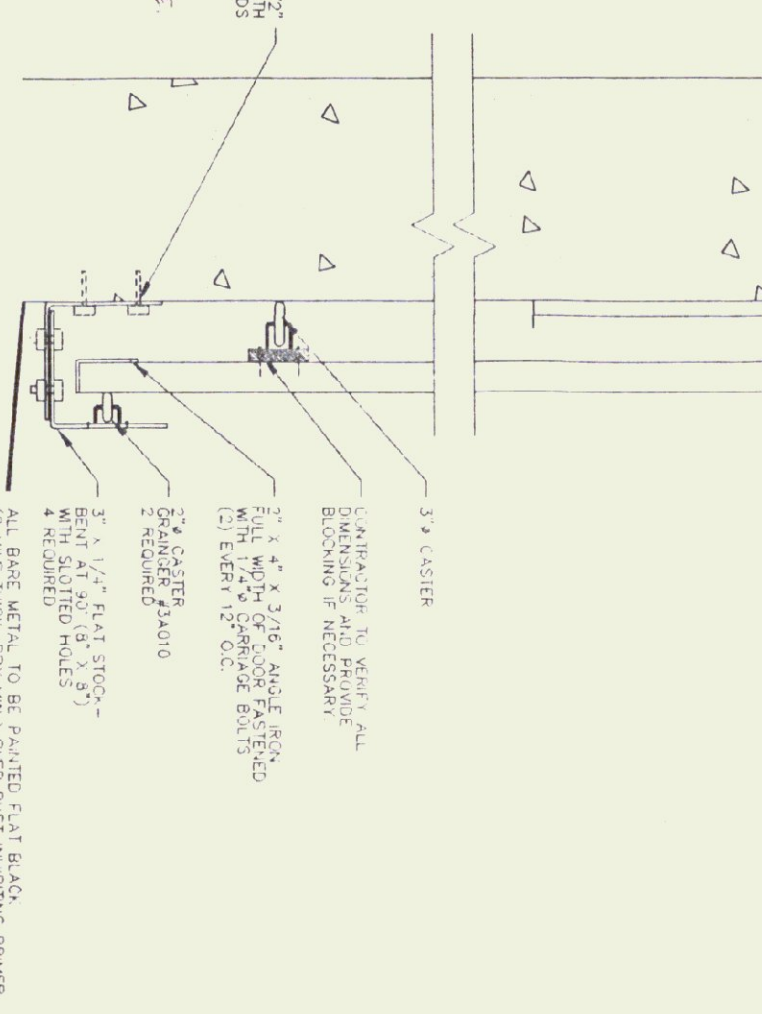
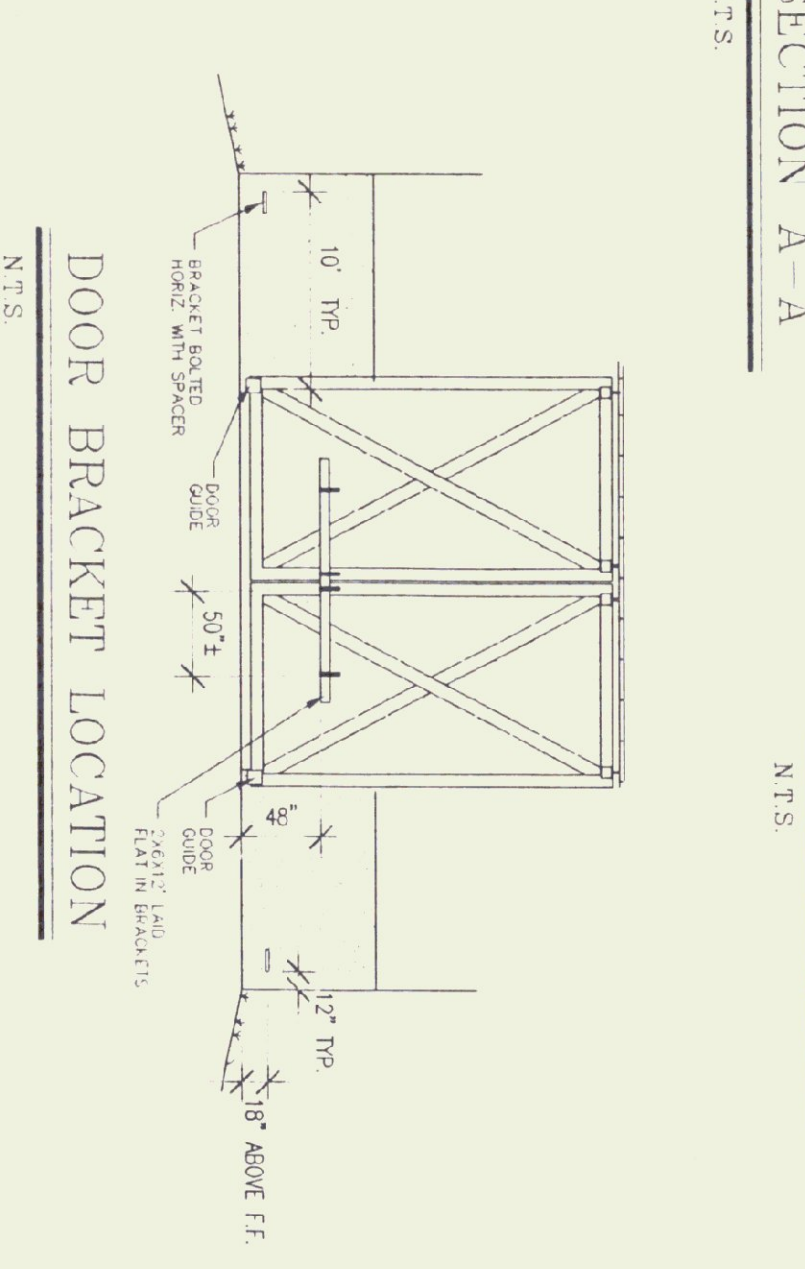
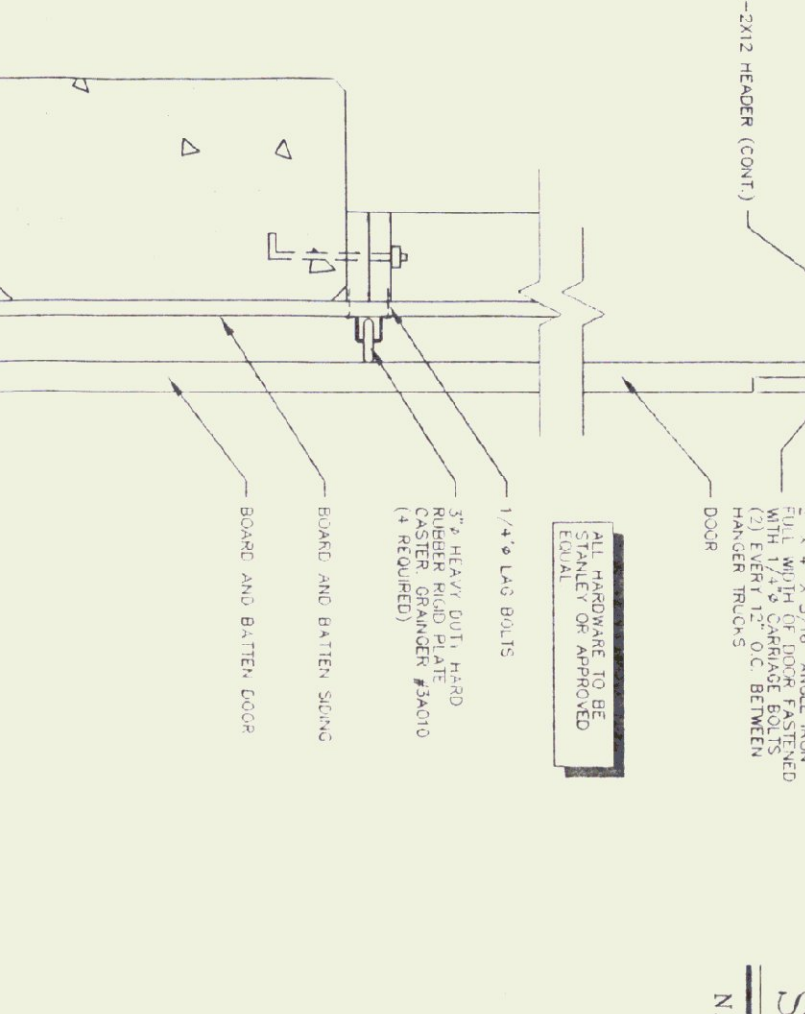
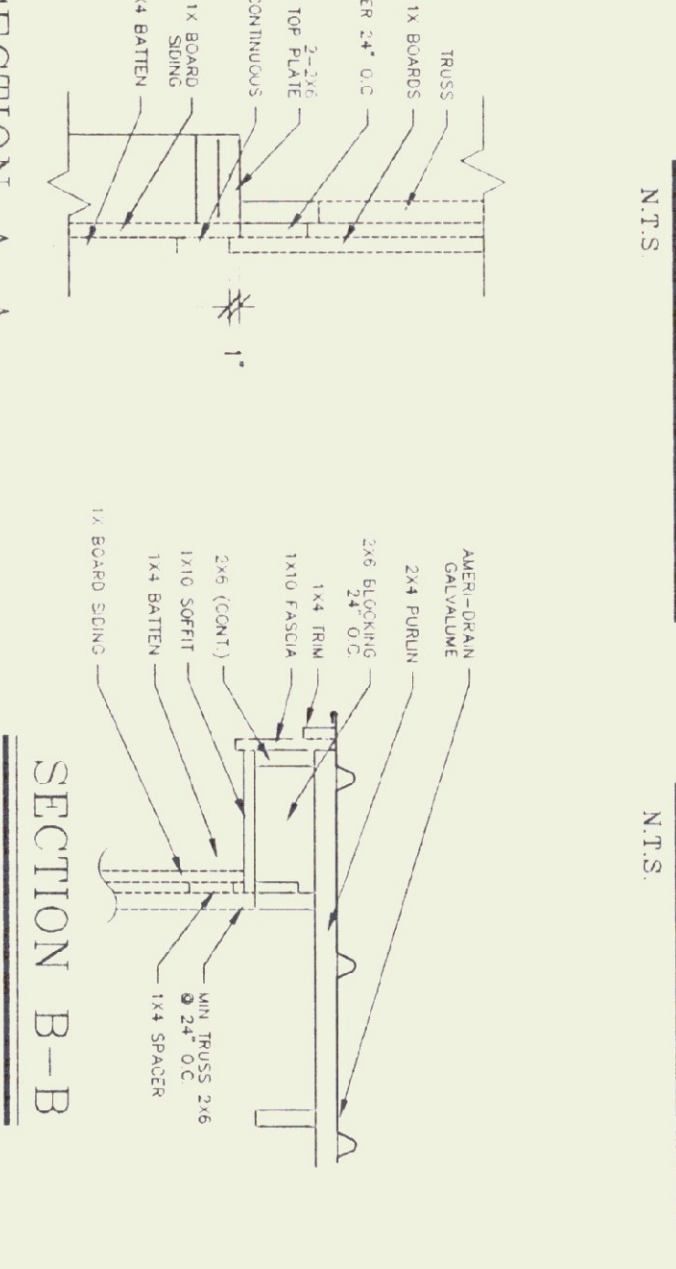
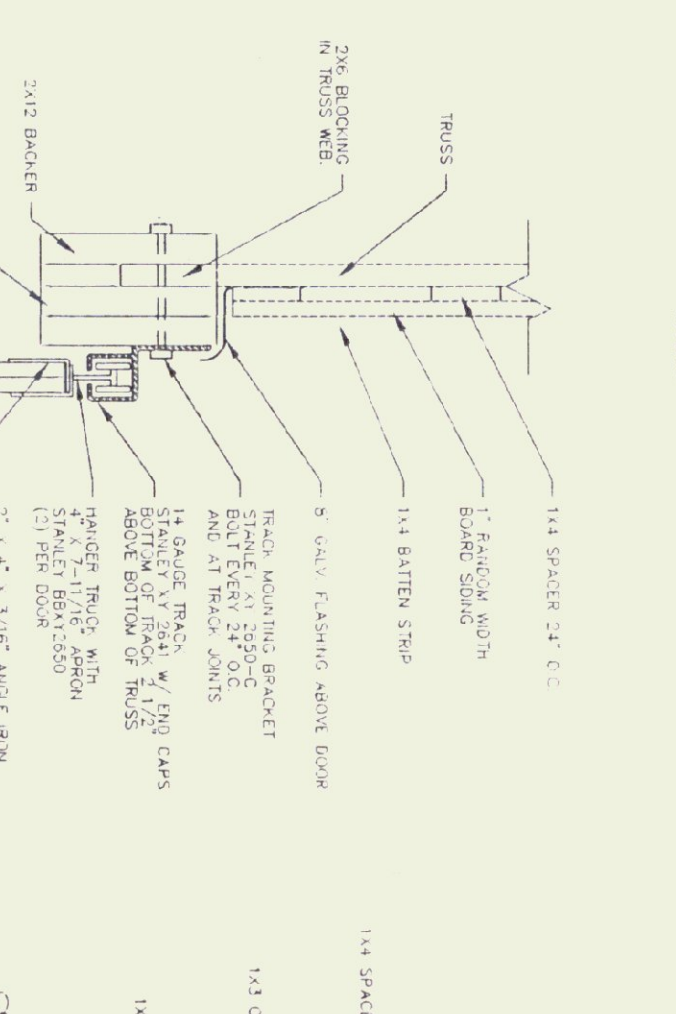
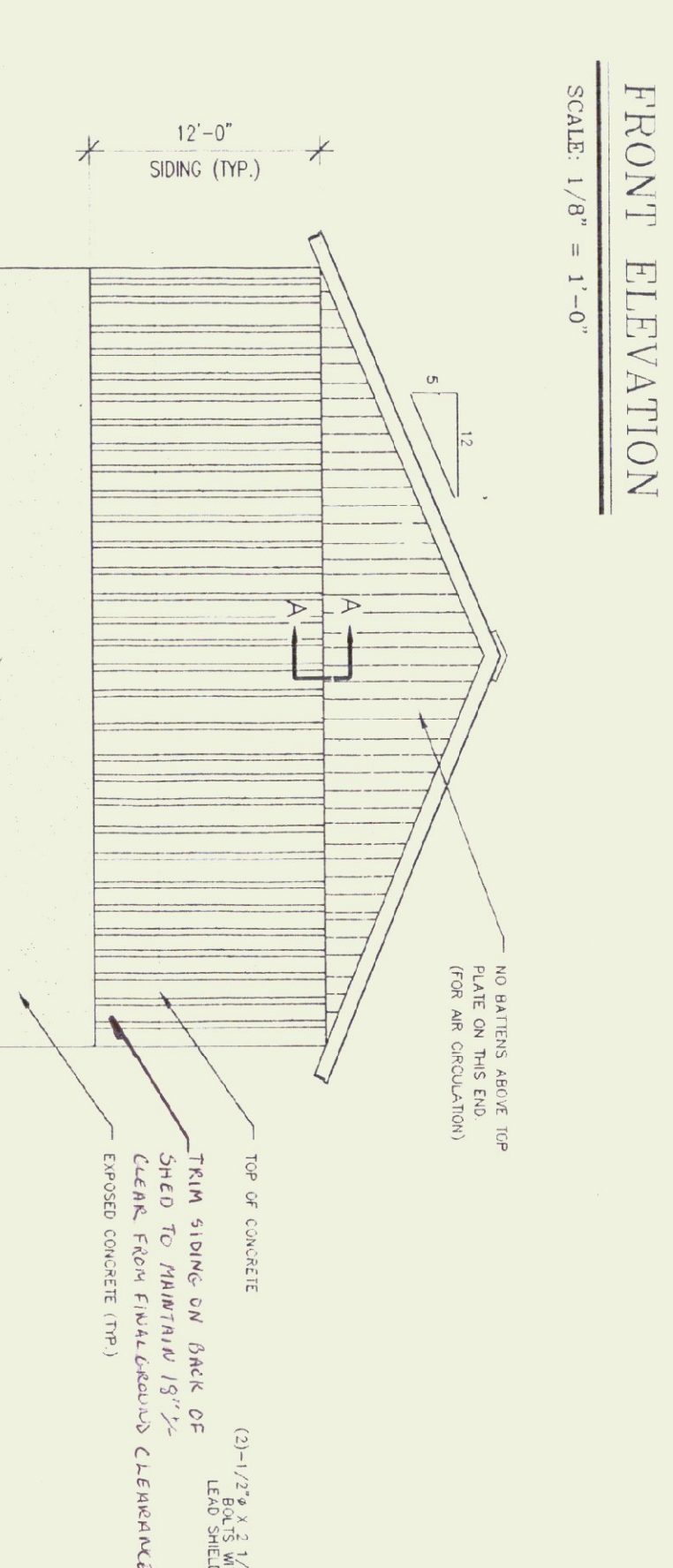
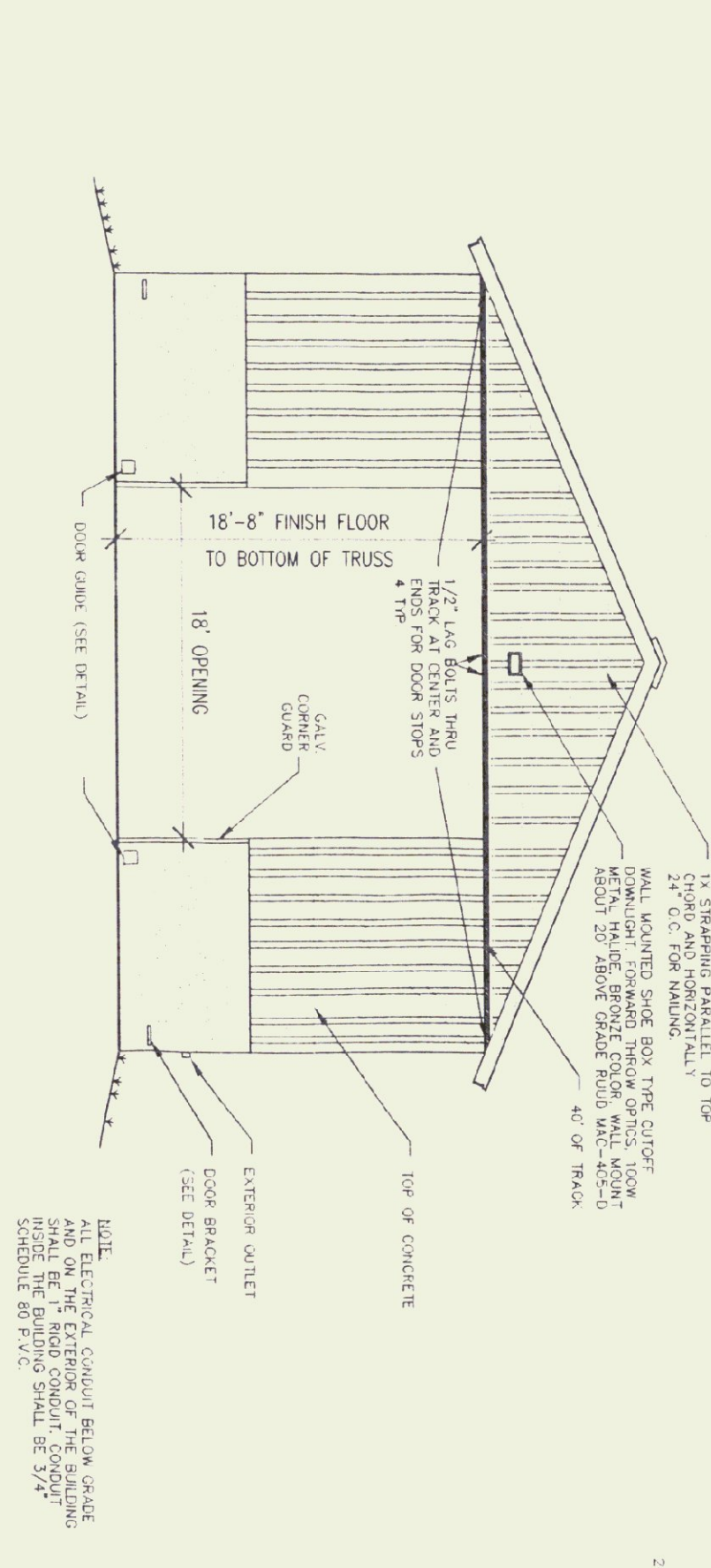
SURVEYED BY: J. WABNER DRAWN BY: I. LUTHER

SQUAD LEADER: J. WABNER SHEET: SD-2

64'-0"



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



GENERAL NOTES:
ALL MATERIAL TO BE FURNISHED BY CONTRACTOR.
PAINTED SURFACES SHALL BE PER A.O.T. STANDARD SPEC. 501.25 WITH 68-85 AIR ENTRAINMENT.
ALL ELECTRICAL WORK SHALL COMPLY WITH N.E.C.
ALL FRAMING AND BOARD & BATTEN SIDING MATERIALS SHALL BE FASTENED USING APPROPRIATELY SIZED FASTENERS & ACCORDING TO INDUSTRY STANDARDS.

TRUSS NOTES:
TRUSS MANUFACTURER TO SEND SUBMISSIONS TO THE REGIONAL ENGINEER FOR REVIEW AND APPROVAL.
TRUSS MANUFACTURER TO PROVIDE THE CONTRACTOR WITH ALL THE NECESSARY TRUSS MANUFACTURER TRUSS INSTALLATION, ASSEMBLY, BRACING, STRUNG, ETC. TRUSS DESIGN IN ACCORDANCE WITH THE 1997 B.O.C.A. FOR VERMONT MANUAL LOADS.
LUE - 60 P.S.F. - PER 1994 VERMONT FIRE PROTECTION CODE.
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 MANUAL TRUSS BRACING DETAIL IN SPECIFICATIONS.

FINISH NOTES:
ALL BOARDS & BATTERS TO BE STAINED WITH ONE COAT ALL SURFACES PRIOR TO INSTALLATION.
AFTER INSTALLATION EXTERIOR SIDING TO RECEIVE (1) ADDITIONAL COAT OF STAIN SEMI-TRANSPARENT & THE SECOND COAT WILL BE HIGH GLOSS STAIN.

CONCRETE NOTES:
ALL CONCRETE TO BE 3000 PSI @ 28 DAYS WITH A MAXIMUM SLUMP OF 4".
CONCRETE TO BE CLASS "B" PER A.O.T. STANDARD SPEC. 501.25 WITH 68-85 AIR ENTRAINMENT.
1/2" V" JOINTS IN EXPOSED FACE OF CONSTRUCTION JOINTS.
3/4" CHAMFER ON EACH FACE OF EXPANSION JOINTS.
GALVANIZED LIGON CAST INTO WALL CONCRETE AT DOOR OPENINGS.
RE-BARS TO BE CONTINUOUS THROUGH CONSTRUCTION JOINTS.
NO HORIZONTAL CONSTRUCTION JOINTS IN WALLS - CONTINUOUS POUR.
CONTRACTOR TO LEAVE NO METAL WITHIN 1" OF SURFACE. USE WITH AN APPROVED NON-SHARING GROUT.
ALL RE-BARS TO BE GRADE 60.
RE-BARS TO BE STOKED ON BLOCKING 4" MIN. ABOVE GROUND.
CONCRETE SPURTER TO PROVIDE TEST CHUNDERS FOR CONCRETE TESTING.
ALL CONCRETE TESTING TO BE DONE BY OWNER CONTRACTOR.
5 RESPONSIBLE FOR SCHEDULING.
EXPANDED WELLS TO BE DRESS FINISHED PER A.O.T. SPECIFICATIONS.

LUMBER NOTES:
FRAMING MEMBERS TO BE KILN DRIED CONST. GRADE SPURCE S4S MAX. 19% MOISTURE CONTENT.
PLAYES & NAILERS IN CONTACT WITH CONCRETE TO BE CCA 40 TREATED.
BOARD & BATTEN SIDING TO BE NATIVE ROUGH SAWN WHITE PINE BOARDS TO BE RANDOM WIDTH 8"-12" - BATTEN WITH 3".
BOARD SIDING & BATTEN STRIPS TO BE RULL LENGTH (NO HORIZONTAL JOINTS). SIDING TO BE BOEN STAINED TO MAX. 19% MOISTURE CONTENT BEFORE STAIN IS APPLIED.
ALL NAILS TO BE GALVANIZED.

REVISIONS	DATE	BY
12-29-97	6DN	
1-1-98	6DN	
1-11-99	DTH	
2-10-99	DTH	

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

LOCATION & BUILDING
40' X 64' SALT SHED

TOWN, VERMONT

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