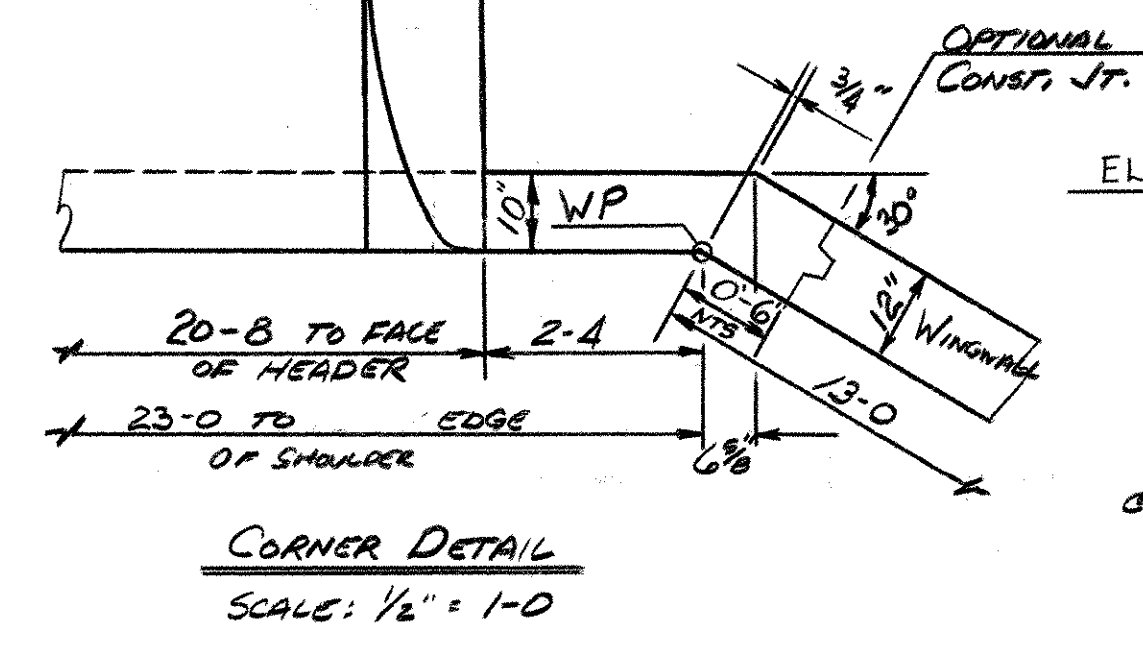
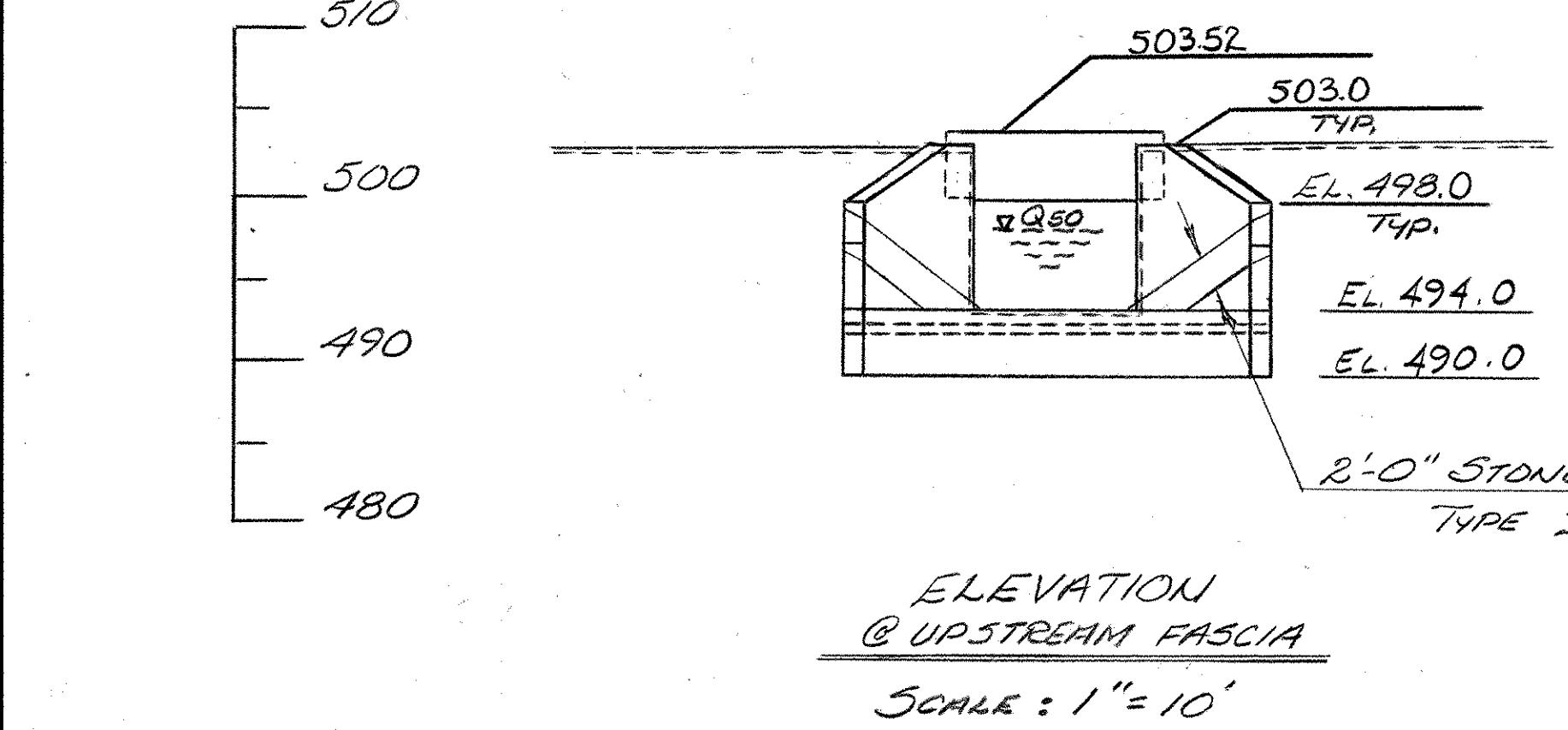
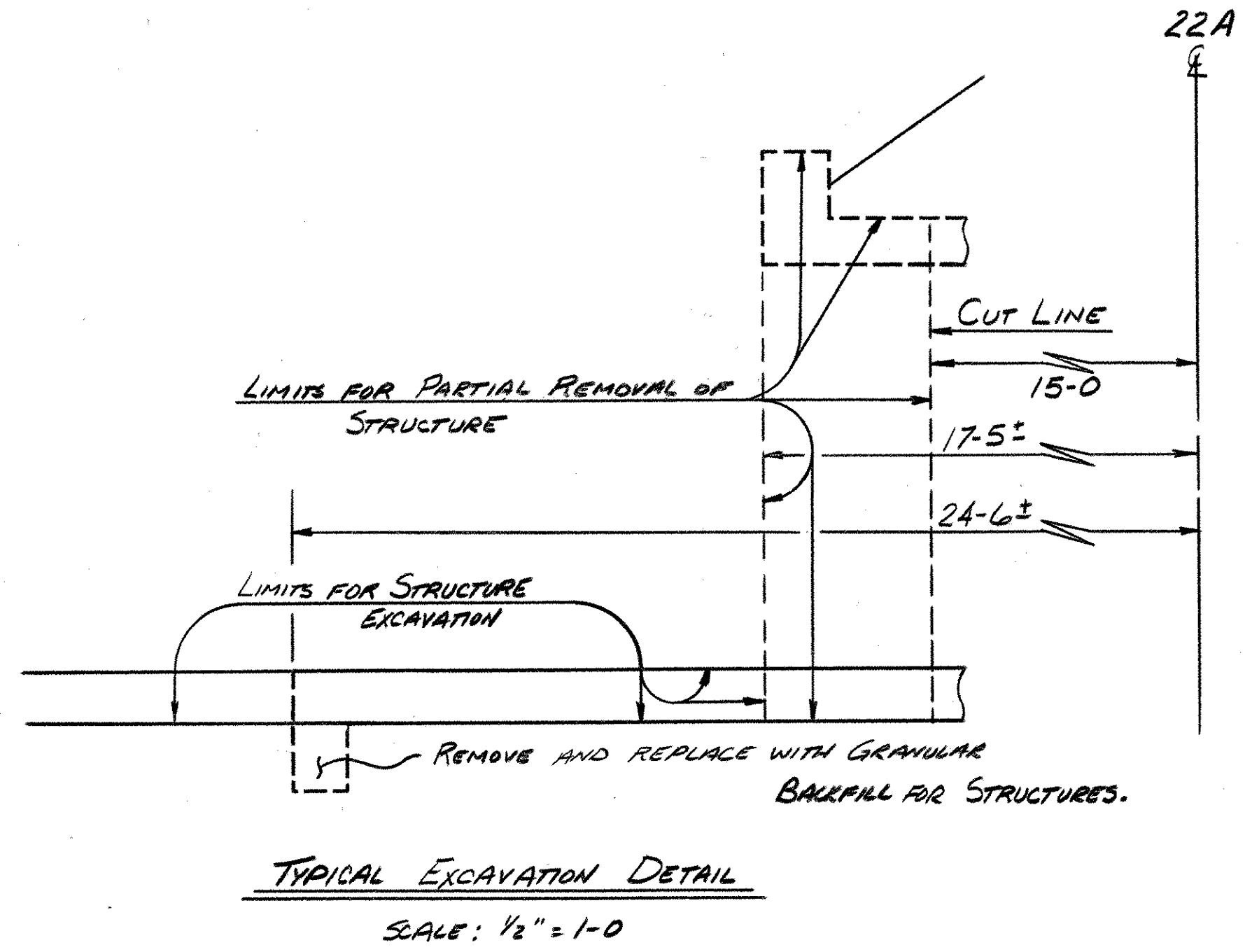


- LIST OF SHEETS**
- BR 200 R.C. Box Extension Details
 - BR 201-202 R.C. Box Extension Details
 - BR 203 Reinforcing Steel Schedule & Quantity Sheet
 - BR 204 Rail Connection Details
 - ROADWAY REFERENCE SHEETS
- PLAN # STA 281+00 ~ 287+00
 PROFILE STA 283+00 ~ 284+01
 X-SECTION STA 284+05.5 - 284+15.0
 TEMPORARY DETOUR DETAILS (SH # 248)



- GENERAL NOTES**
- LIMITS FOR THE PARTIAL REMOVAL OF STRUCTURE ITEM ARE AS FOLLOWS:
 HORIZONTAL - BEGINNING 15 FEET FROM EITHER SIDE OF THE ROADWAY CENTERLINE TO THE OUTER LIMITS OF THE BOX.
 VERTICAL - FROM THE BOTTOM OF THE FLOOR SLAB OR CUTOFF WALLS TO AND INCLUDING THE TOP SLAB AND HEADWALL.
 THE CUTLINES AROUND THE BOX SHALL FIRST BE SCORED ON THE INSIDE FACE WITH A ONE INCH DEEP SAW CUT SO AS TO CREATE A SMOOTH JOINT. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE THE EXISTING LONGITUDINAL REINFORCEMENT THAT WILL EXTEND FROM THE POINT OF CUTOFF.
 - NEW LONGITUDINAL REINFORCEMENT SHALL BE SPLICED TO EXISTING STEEL. IF, AT THE ENGINEER'S DISCRETION, THE EXISTING STEEL IS NOT SALVAGABLE FOR A LENGTH OF AT LEAST 24 INCHES THEN DOWEL BARS SHALL BE ADDED AS DIRECTED BY THE ENGINEER. DOWEL BARS SHALL BE GROUTED WITH TYPE IV MORTAR INTO THE EXISTING CONCRETE TO A DEPTH OF AT LEAST 15 INCHES. ALL LABOR AND MATERIALS INVOLVED WITH DRILLING AND GROUTING OF THE DOWELS SHALL BE PAID FOR SUBSIDIARY TO ITEM 529.20.
 - TWO WAY TRAFFIC (24 FEET RAIL TO RAIL) SHALL BE MAINTAINED OVER THE BOX CULVERT. TEMPORARY TRAFFIC BARRIER SHALL BE USED WHEREVER THE EXISTING GUARD RAIL IS DISTURBED DURING THE CONSTRUCTION PERIOD AND UNTIL THE NEW BRIDGE AND ROADWAY RAIL IS COMPLETELY INSTALLED, TEMPORARY TRAFFIC BARRIER SHALL MEET THE REQUIREMENTS OF SECTION 621.
 - WHERE NEW CONCRETE IS POURED AGAINST EXISTING CONCRETE, NEAT CEMENT GROUT SHALL BE USED AS SPECIFIED IN SUBSECTION 501.13(b).
- FOR ADDITIONAL GENERAL NOTES SEE BR.202



HYDRAULIC DATA

Drainage Area = 1.82 sq. mi.	
Q ₁₀ = 110 CFS	HEADWATER EL. = 496.8
Q ₂₅ = 145 CFS	" " = 497.3
Q ₅₀ = 185 CFS	" " = 497.9
Q ₁₀₀ = 250 CFS	" " = 498.1
TAILWATER DEPTH @ Q ₅₀ = 3.9', EL. = 497.7	
OUTLET VELOCITY @ Q ₅₀ = 4.7 FPS	

STANDARDS
 SB-R6-82 12-13-84 R

STATE OF VERMONT AGENCY OF TRANSPORTATION	
Town Of BRIDPORT	Bridge No. 13
Highway No. VT. RTE 22 A	Log Sta. 136+41
Surv. Sta. 284+10	
VT. 22 A OVER BEDDOK	
R.C. BOX EXTENSION DETAILS	
Designed By M. GARCIA	Drawn By M. GARCIA
Checked By G.V.S.	Date 11/85
Bridge Design Supervisor R.S. HAAPT Date 11/85	
PROJECT SHOREHAM-BRIDPORT-ADDISON	PROJECT NO. F 017-1(2)
I.G.C. Info.	
Bridge Sheet No. BR 200	Sheet 243 of 420

BRUNING 44-232 64442