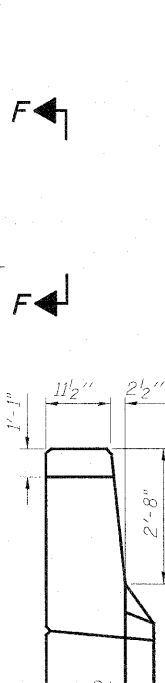


BILL OF MATERIAL



VIEW F-F



Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and labels.

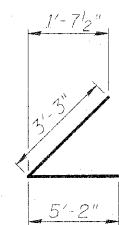
Dimensions:

- Overall width: $1'-7''$
- Top horizontal segments: $11\frac{1}{2}''$ and $2\frac{1}{2}''$
- Left vertical segments: $3'-4\frac{1}{2}''$ and $6'-11''$
- Right vertical segments: $2'-8''$ and $7''$
- Bottom vertical segment: $2'-5''$
- Internal horizontal segments: $1\frac{1}{2}''$ cl. (center line)
- Internal vertical segment: $3''$

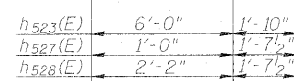
Labels:

- h_{512} (E)
- h_{510} (E)
- v_{510} (E)
- h_{512} (E)
- h_{525} (E)
- Const. joint with $3\frac{3}{4}''$ notch
- h_{511} (E)
- h_{529} (E)
- v_{508} (E)
- h_{525} (E)
- h_{529} (E)
- *n509 (E)

SECTION G-G

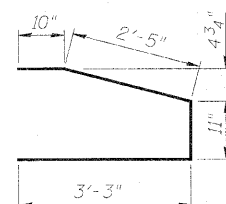


BAR $h_{524}(E)$

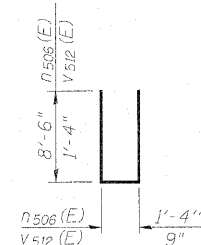


$h_{529}(E)$	$2' - 5''$	$h_{529}(E)$	$4\frac{3}{4}''$
$h_{508}(E)$	$2' - 5''$	$h_{508}(E)$	$4\frac{3}{4}''$
$h_{511}(E)$	$2' - 5''$	$h_{511}(E)$	$4\frac{3}{4}''$
$v_{507}(E)$	$2' - 7''$	$v_{507}(F)$	$2' - 8''$

BAR v501 (E)



BAR U 501 (E)



S ₅₀₃ (E)	3'-0"
S ₅₀₄ (E)	3'-0"
V ₅₀₀ (E)	1'-11"
V ₅₀₃ (E)	2'-5"

S ₅₀₃ (E)	4'-0"
S ₅₀₄ (E)	5'-6"
V ₅₀₀ (E)	1'-10"
V ₅₀₃ (E)	1'-9"

Diagram of a 12-bar beam section. The total height is 9'-10". The section is divided into three horizontal layers: a top layer of 3'-8", a middle layer of 6'-8", and a bottom layer of 3'-1". A diagonal line labeled "Cut Line" is shown passing through the middle layer. The width of the section is labeled "12 bars".

Diagram of a T-joint with dimensions: vertical leg 3'-10", horizontal leg 5", gusset plate 2'-7" by 9", and distance from wall 2'-3/8".

BAR v508 (E)

E.F. = Each Face
I.F. = Inside Face
O.F. = Outside Face

Pourous Granular Embankment, Special	Cu. Yd.	100
Structure Excavation	Cu. Yd.	124
Concrete Structures	Cu. Yd.	17.7
Reinforcement Bars, Epoxy Coated	Pouhd	4,010
Furnishing Steel Piles, HP8x36	Foot	99
Driving Piles	Foot	99
Pile Shoes	Each	3
Concrete Encasement	Cu. Yd.	0.6
Concrete Sealer	Sq. Ft.	102
Geocomposite Wall Drain	Sq. Yd.	47
Pipe Underdrain for Structures 4"	Foot	46
Bar SPLICERS	Each	47

ABUTMENT B SOUTH WINGWALL
STRUCTURE NO. 081-0024 (W.B.)
STRUCTURE NO. 081-0025 (E.B.)

DESIGNED	LAN
CHECKED	MMB
DRAWN	LAN
CHECKED	MMB

* Epoxy grout n₅₀₉(E) bars in 1'-3" (min.) drilled holes. See Section 584 of the Standard Specifications. Cost of hole drilling and epoxy grouting are included with "Reinforcement Bars, Epoxy Coated".

Notes:
For details of Bar Splicers, see sheet 71 of 77.
Quantity of concrete in end post included with Concrete Superstructure on sheet 22 of 77.



SHEET NO. 47	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHE NO.
	280	81-1(VB-1)R	ROCK ISLAND	503	38
	CONTRACT NO. 64815				
77 SHEETS	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			