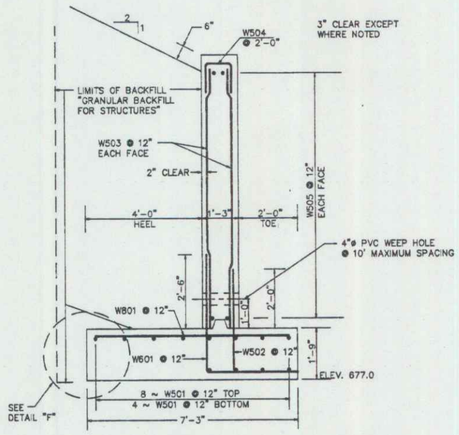
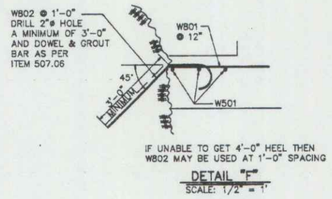
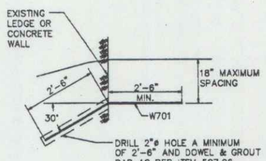


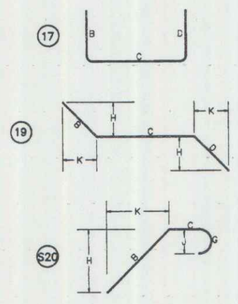
SECTION A – A
WALL TYPICAL
SCALE: 1/2" = 1'



DETAIL "F"
SCALE: 1/2" = 1'



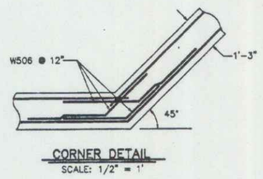
DETAIL "G"
SCALE: 1/2" = 1'



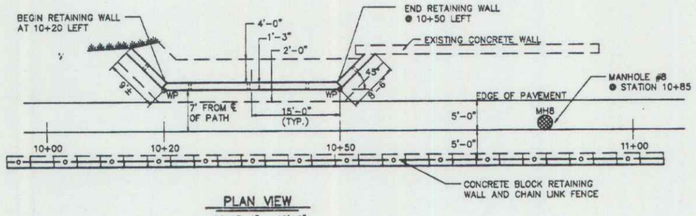
REBAR NOTES

1. ALL REINFORCEMENT FOR CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET – STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M31 (ASTM A 615), GRADE 60.
2. ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.

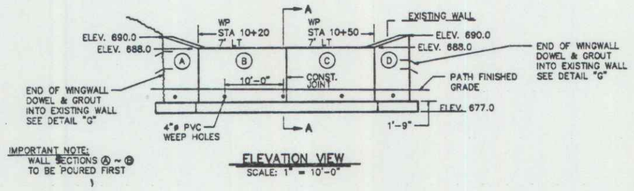
REBAR WEIGHT	
#5	1.043
#6	1.502
#7	2.044
#8	2.670



CORNER DETAIL
SCALE: 1/2" = 1'



PLAN VIEW
SCALE: 1" = 10'-0"



IMPORTANT NOTE:
WALL SECTIONS Ⓐ ~ Ⓓ TO BE POURED FIRST

ELEVATION VIEW
SCALE: 1" = 10'-0"

GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION DATED MARCH 1990 AND THE A.A.S.H.T.O. STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES DATED 1990 AND ITS LATEST REVISIONS.
2. ALL CONCRETE IS TO BE STATE OF VERMONT CLASS "B" WITH 28 DAY STRENGTH OF 3500 PSI.
3. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1" x 1" UNLESS OTHERWISE NOTED.
4. ALL CONCRETE SHALL BE CURED AS PER VERMONT AGENCY OF TRANSPORTATION SPECIFICATIONS, SECTION 501.
5. WATER REPELLENT SHALL BE APPLIED TO ALL EXPOSED CONCRETE.
6. MINIMUM REBAR SPLICE LENGTH 2'-0".

NO. PIECES	SIZE	LENGTH	MARK	TYPE	A	B	C	D	G	H	J	K	TOTAL WEIGHT
		SECTION A											
12	5	10'-0"	AW501	STR									125
10	5	3'-9"	AW502	↑									39
20	5	11'-0"	AW503	↑	▲								229
24	5	10'-0"	AW505	STR	▲								250
10	8	6'-9"	AW801	STR									180
5	5	2'-10"	AW504	17		1'-0"	0'-10"	1'-0"					15
30	5	5'-0"	AW506	19		2'-6"	2'-6"	//		1'-9"		1'-9"	156
10	6	6'-10"	AW601	17		2'-10"	4'-0"	//					102
8	7	5'-0"	AW701	19		2'-6"	2'-6"	//		1'-3"		2'-2"	82
10	8	4'-11"	AW802	S20		3'-0"	1'-0"		0'-11"	2'-1"	0'-8"	2'-1"	131
		SECTION B											
12	5	18'-0"	BW501	STR									225
15	5	3'-9"	BW502	↑									59
30	5	9'-0"	BW503	↑									282
20	5	17'-0"	BW505	↑									355
15	8	6'-9"	BW801	STR									270
8	5	2'-10"	BW504	17		1'-0"	0'-10"	1'-0"					24
15	6	6'-10"	BW601	17		2'-10"	4'-0"	//					154
5	8	4'-11"	BW802	S20		3'-0"	1'-0"		0'-11"	2'-1"	0'-8"	2'-1"	68
		SECTION C											
12	5	18'-0"	CW501	STR									200
15	5	3'-9"	CW502	↑									59
30	5	9'-0"	CW503	↑									282
20	5	15'-0"	CW505	↑									313
15	8	6'-9"	CW801	STR									270
8	5	2'-10"	CW504	17		1'-0"	0'-10"	1'-0"					24
15	6	6'-10"	CW601	17		2'-10"	4'-0"	//					154
2	8	4'-11"	CW802	S20		3'-0"	1'-0"		0'-11"	2'-1"	0'-8"	2'-1"	26
		SECTION D											
12	5	9'-6"	DW501	STR									119
10	5	3'-9"	DW502	↑									39
20	5	10'-6"	DW503	↑									219
24	5	9'-9"	DW505	↑	▲								244
10	8	6'-9"	DW801	STR	▲								180
5	5	2'-10"	DW504	17		1'-0"	0'-10"	1'-0"					15
30	5	5'-0"	DW506	19		2'-6"	2'-6"	//		1'-9"		1'-9"	156
10	6	6'-10"	DW601	19		2'-10"	4'-0"	//					102
8	7	5'-0"	DW701	19		2'-6"	2'-6"	//		1'-3"		2'-2"	82
8	8	4'-11"	DW802	S20		3'-0"	1'-0"		0'-11"	2'-1"	0'-8"	2'-1"	103

▲ = CUT TO FIT IN FIELD

ESTIMATED QUANTITIES

ITEM 204.25	STRUCTURE EXCAVATION	68 CUBIC YARDS
ITEM 204.30	GRANULAR BACKFILL FOR STRUCTURES	87 CUBIC YARDS
ITEM 501.25	CONCRETE, CLASS B	43.5 CUBIC YARDS
ITEM 507.15	REINFORCING STEEL	5331 POUNDS
ITEM 507.16	DRILLING AND GROUTING DOWELS	115 LINEAR FEET
ITEM 514.10	WATER REPELLENT	2 GALLONS

AUG 9 1994

JUN 3 0 1992

BW-RS-BIKE (25)

STATE OF VERMONT CHARLES J. GRENIER ENGINEER NO. 5445 REGISTERED PROFESSIONAL ENGINEER

Charles J. Grenier

TOWN OF STOWE - RIVER WALK
"DETAILS OF RETAINING WALL AT 10+25"

CHARLES GRENIER
CONSULTING ENGINEER, P.C.
BOX 445, WATERBURY, VERMONT
244-8413

DATE • 10-25-91
DRN BY • T.J.M.
SCALE • A/N
SHT 11 OF 25