

INDEX OF SHEETS

R1	INDEX SHEET
R2	TYPICAL SECTION (SOUTHBOUND)
R3	TYPICAL SECTION (NORTHBOUND)
R4	EARTHWORK SHEET
R5	QUANTITY SHEET
R6-7	OMITTED
R8-10	GRADING AND DRAINAGE PLANS (50-SCALE)
R11-12	PROFILES (SOUTHBOUND)
R13-14	PROFILES (NORTHBOUND)
R15-16	PROFILES (NORTHBOUND DECELERATION AND ACCELERATION RAMP)
R17-21	OMITTED
R22-23	GRADING PLAN (SOUTHBOUND ACCELERATION)
R24	GRADING PLAN (SOUTHBOUND DECELERATION)
R25	GRADING PLAN (NORTHBOUND DECELERATION)
R26-28	GRADING PLAN (NORTHBOUND ACCELERATION)
R29-30	SIGNING, LIGHTING AND PAVEMENT MARKING PLANS (SOUTHBOUND ACCELERATION)
R31	SIGNING, LIGHTING AND PAVEMENT MARKING PLANS (SOUTHBOUND DECELERATION)
R32	SIGNING, LIGHTING AND PAVEMENT MARKING PLANS (NORTHBOUND DECELERATION)
R33-35	SIGNING, LIGHTING AND PAVEMENT MARKING PLANS (NORTHBOUND ACCELERATION)
R36-37	SIGN SUMMARY SHEETS
R38-48	CROSS SECTIONS (SOUTHBOUND ACCELERATION)
R49-52	OMITTED
R53-56	CROSS SECTIONS (SOUTHBOUND DECELERATION)
R57-64	CROSS SECTIONS (NORTHBOUND DECELERATION)
R65-73	CROSS SECTIONS (NORTHBOUND ACCELERATION)

REFERENCES

A-6	ONE-WAY RAMP	06-16-82 R
A-60	SLOPES IN SOLID ROCK EXCAV. (50 MPH & OVER)	04-02-86
B-5	SLOPE GRADING, EMBANKMENTS, MUCK	12-06-71
C-1	CURBS, GRANITE SLOPE EDGING, VERTICAL GRANITE CURB	11-16-92 R
D-2	C.R.M. HEADWALLS, UNDERDRAIN, UNDERDRAIN & CARRIER	10-30-85 R
D-3	PIPE CONSTRUCTION DETAILS	
D-6	TREATED GUTTERS	04-02-86
E-15	REINFORCED CONCRETE DROP INLET WITH GRATE (DITCHES)	04-04-73
E-101	CAST IRON GRATE WITH FRAME, TYPE E	02-17-93 R
E-103	CONSTRUCTION SIGN DETAILS	10-21-92 R
E-104	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY, ONE LANE CLOSED	10-21-92 R
E-104A	MAINLINE TRAFFIC CONTROL DIVIDED HIGHWAY, ONE ROADWAY CLOSED	10-21-92 R
E-106	PAVEMENT MARKING DETAILS - DIVIDED HIGHWAY - ONE ROADWAY CLOSED	09-20-93 R
E-107	TRAFFIC CONTROL - MISCELLANEOUS DETAILS	09-20-93 R
E-107A	DELINEATION, BARRICADES AND DETOURS FOR CONSTRUCTION AREAS	09-20-93 R
E-110	BREAKAWAY BARRICADE DETAILS	09-20-93 R
E-120	MAJOR MAINTENANCE OPERATION LANE CLOSURE	06-21-89 R
E-121	STANDARD SIGN PLACEMENT - EXPRESSWAY & FREEWAY	01-23-89
E-131	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	12-18-89 R
E-137	GUIDE SIGN DETAILS	06-21-89 R
E-142	SEATBELT GUIDE SIGN DETAILS	10-30-87
E-143	REGULATORY SIGN DETAILS	10-30-87
E-144	REGULATORY SIGN DETAILS	01-23-89
E-150	REGULATORY SIGN DETAILS	10-30-87
E-160	WARNING SIGN DETAILS	10-21-92 R
E-163	FLANGED CHANNEL STEEL SIGN POST DETAIL	10-21-92 R
E-191	TUBULAR STEEL SIGN POST	01-23-89 R
F-1	PAVEMENT MARKING DETAILS	12-10-76 R
G-1d	WOVEN WIRE FENCE W/ STEEL POSTS, STEEL BRACE FOR WOVEN WIRE FENCE	10-31-85 R
G-15	HEAVY DUTY STEEL BEAM GUARDRAIL, ANCHOR FOR STEEL BEAM RAIL	11-13-89 R
G-18	BREAKAWAY CABLE TERMINAL W/ STEEL POSTS	01-19-88
T-1	PRECAST CONCRETE TEMPORARY TRAFFIC BARRIER	12-07-76 R
T-2	TEMPORARY EROSION CONTROL DETAILS	07-05-72

CONVENTIONAL SIGNS

COUNTY LINE	---	POWER POLE	⊕
TOWN LINE	----	TELEPHONE POLE	⊕
LIMITS OF ACCESS	-o-o-o-o-	TREES	*
FENCE LINE	-x-x-x-x-	R.O.W. TAKING LINE	///
STONE WALL	-o-o-o-o-o-	PROPERTY LINE	----
TRAVELED WAY	----	CONTROL OF ACCESS	---
GUARD RAIL	-o-o-o-o-	SLOPE RIGHTS	SR
RAILROAD		TOP OF CUT	△
SURVEY LINE	+	TOE OF SLOPE	○
CULVERT	----		

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT TOWN OF HARTFORD COUNTY OF WINDSOR INTERSTATE 91

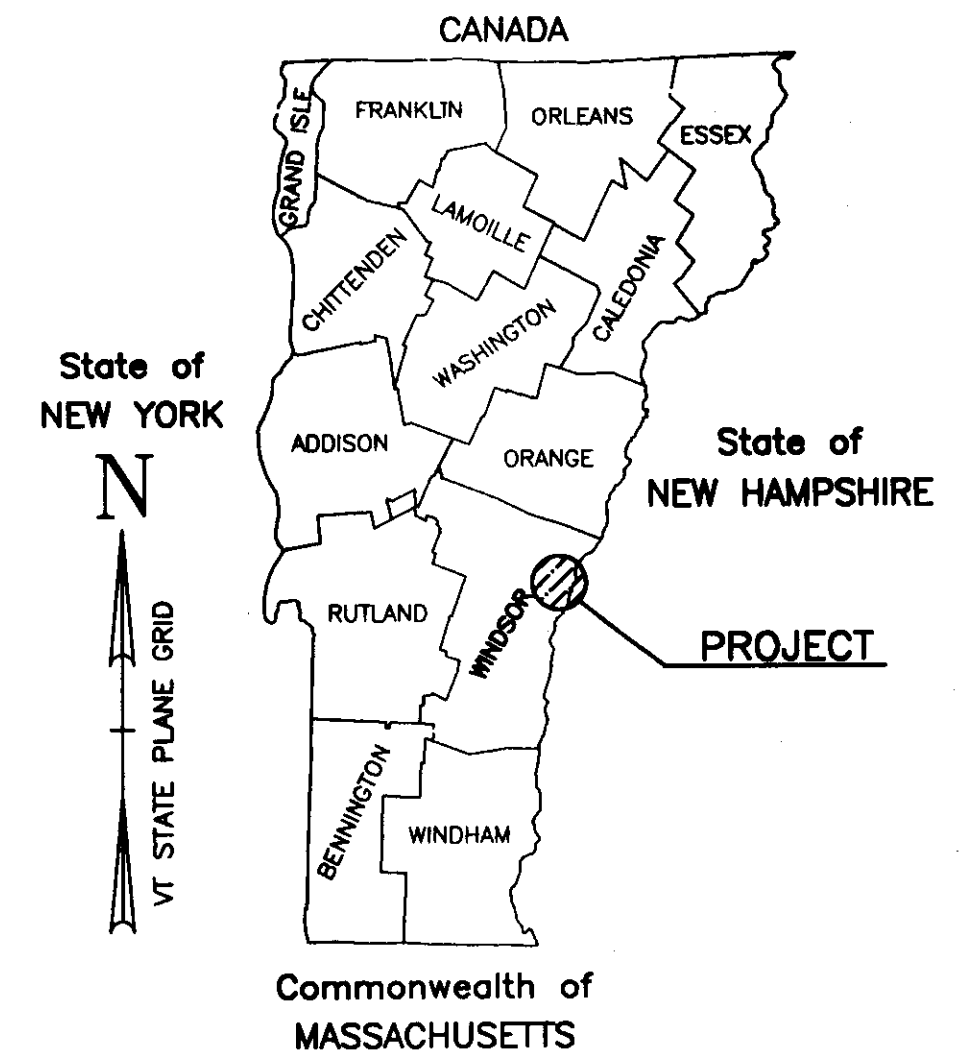
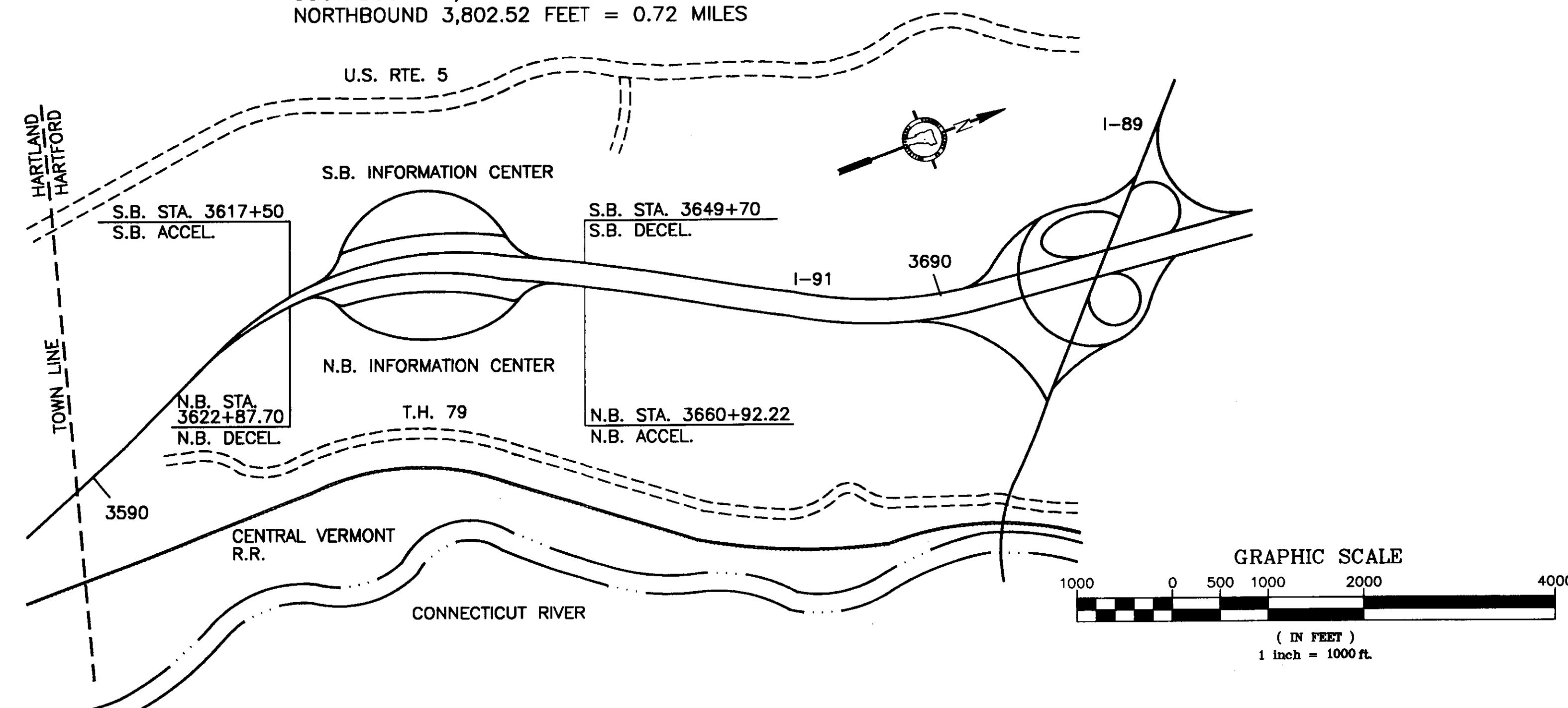
VAOT REST AREA DECELERATION AND ACCELERATION RAMP RECONSTRUCTION BEGINNING:

NORTHBOUND AT A POINT 0.58 MILES NORTH OF THE HARTLAND-HARTFORD TOWN LINE AND EXTENDING NORTHERLY 0.61 MILES

SOUTHBOUND AT A POINT 0.62 MILES NORTH OF THE HARTLAND-HARTFORD TOWN LINE AND EXTENDING NORTHERLY 0.72 MILES

LENGTH OF PROJECT:

SOUTHBOUND 3,220.00 FEET = 0.61 MILES
NORTHBOUND 3,802.52 FEET = 0.72 MILES



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR 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.

N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.

24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.

STRUCTURAL ENGINEER
Cuttingsville, Vermont 05708

DuBois & King
INC.

•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

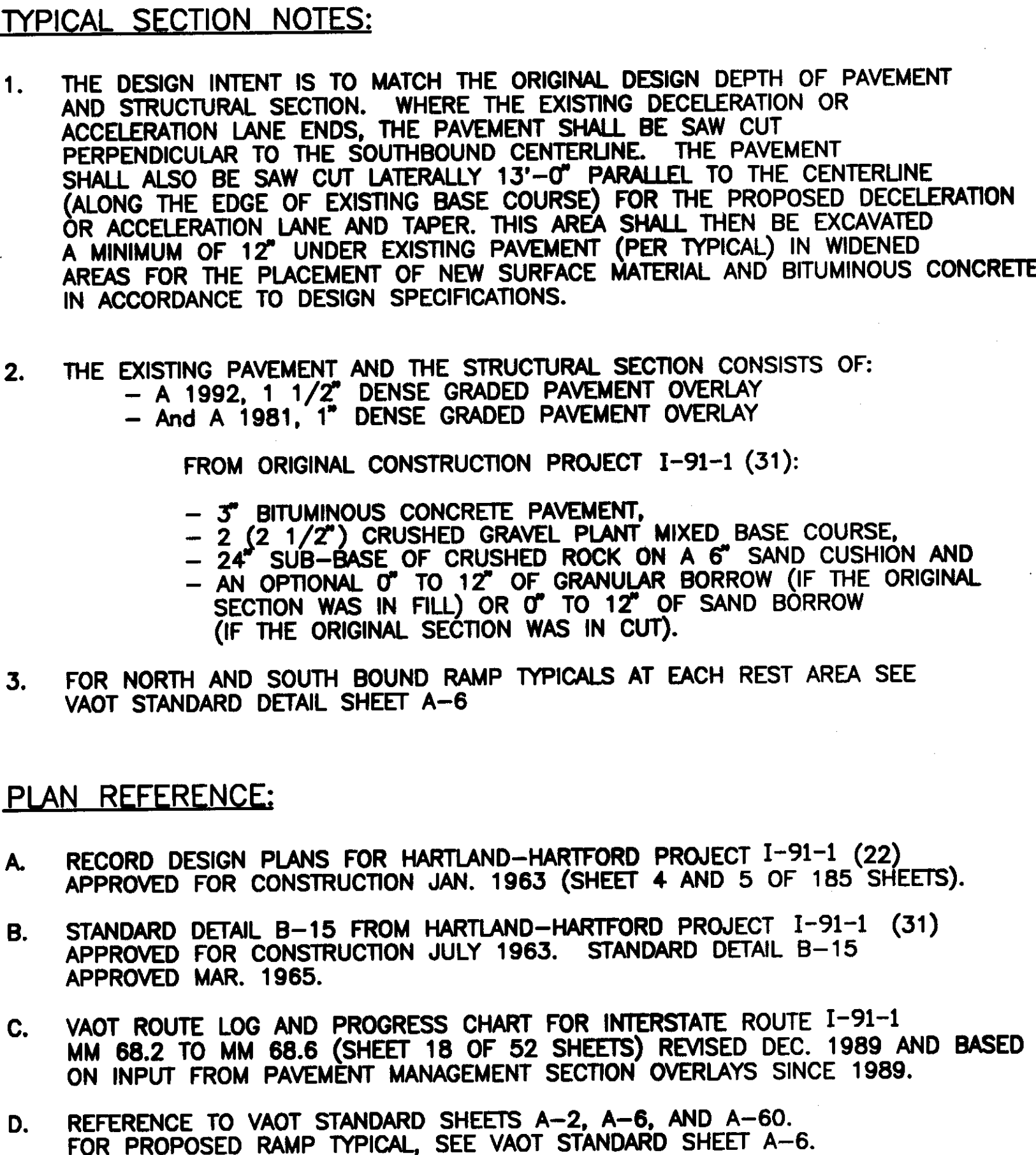
INFORMATION CENTERS
HARTFORD, VT. I-91

INDEX

FINAL PLANS

R1

2/15/96



STATION	DIST.	COMMON EXCAVATION		AVAILABLE FILL		ROCK EXCAVATION		TOTAL EXCAVATION EARTH AND ROCK	
		AREA	CY	AREA	CY	AREA	CY	AREA	CY
S.B. ACCEL. 361750		9						9	
361800	50	9	16.7					9	16.7
361850	50	9	16.7					9	16.7
361900	50	44	49.1					44	49.1
361950	50	498	501.9					498	501.9
362000	50	547	967.6					547	967.6
362050	50	501	970.4					501	970.4
362100	50	519	944.4					519	944.4
362150	50	519	906.5					519	906.5
362200	50	460	540.7					460	540.7
362250	50	124	128.7					124	128.7
362300	50	15	27.8					15	27.8
	TOTALS	2750	5070	0	0	0	0	2750	5070
S.B. DECEL. 364000	50/25/50	12.5	11.6	30	27.8			12.5	11.6
364000	50	21.5	30	34.3				21.5	32.4
364050	50	13.5	7	6.5				13.5	30.1
364100	25	19	0					19	16.2
364125	16							16	
364420	30	15	288.9					15	288.9
364450	50	505	980.6					505	980.6
364500	50	554	1024.1	0	2.8			554	1024.1
364550	50	552	782.4	3	8.3			552	782.4
364600	50	293	322.2	6	16.7			293	322.2
364650	50	55	95.4	12	11.1			55	95.4
364700	50	48	88.0	0				48	88.0
364750	50	47	98.1					47	98.1
364800	50	59	63.0					59	63.0
364850	50	9	46.3					9	46.3
364900	50	41	48.1					41	48.1
364950	20	9						9	7.4
364970									
	TOTALS	2281	3935	88	107	0	0	2281	3935

STATION	DIST.	COMMON EXCAVATION		AVAILABLE FILL		ROCK EXCAVATION		TOTAL EXCAVATION EARTH AND ROCK	
		AREA	CY	AREA	CY	AREA	CY	AREA	CY
N.B. DECEL. 362288	12.30	9	4.6					9	4.6
362300	50	11	103.7	0	2.8			11	103.7
362350	50	101	598.1	0	2.8			101	598.1
362400	50	545	1138.9					545	1138.9
362450	50	685	1477.8					685	1477.8
362500	50	911	1485.2					911	1485.2
362550	50	693	1160.2					693	1160.2
362600	50	560	1074.1					560	1074.1
362650	50	600	1064.8					600	1064.8
362700	50	550	1092.6					550	1092.6
362750	50	630	981.5					630	981.5
362800	50	430	694.4					430	694.4
362850	50	320	523.1					320	523.1
362900	50	245	451.9					245	451.9
362950	50	243	425.0					243	425.0
363000	50	216	350.9					216	350.9
363050	50	163	217.6					163	217.6
363100	50	72	115.7	0	0.9			72	115.7
363150	50	53	111.1	1	1.9			53	111.1
363200	50	67	145.4	81	213.9			67	145.4
363250	50	90	91.7					90	91.7
363300	50	9	16.7					9	16.7
363350	50	9	43.3					9	43.3
363400	50	37.8	81.6					37.8	81.6
363450	50	50.3	55.8					50.3	55.8
363500		10						10	
	TOTALS	7310	13506	236	298	0	0	7310	13506

STATION	DIST.	COMMON EXCAVATION		AVAILABLE FILL		ROCK EXCAVATION		TOTAL EXCAVATION EARTH AND ROCK	
		AREA	CY	AREA	CY	AREA	CY	AREA	CY
N.B. ACCEL. 364200	25	52	6	24.1	226	338.9	278	209.3	209.3
364250	50	52	80.6	20	140	289.8	192	370.4	370.4
364300	50/25	35	75.0		173	80.1	208	155.1	155.1
364350	50	46	71.3	0	13.9		46	71.3	71.3
364400	50	31	42.6	15	13.9		31	42.6	42.6
364450	12.22	15	6.8				15	6.8	6.8
364462		15					15		
364700	25					79	36.6	79	36.6
364750	50					95	161.1	95	161.1
364800	50	0	25.0		87	250.0	87	275.0	275.0
364850	50	27	59.7		183	409.3	210	469.0	469.0
364900	50	37.5	62.3		259	445.4	296.5	507.7	507.7
364950	50	29.8	47.0		222	379.6	209	426.7	426.7
365000	50	21	43.1		188	250.0	209	293.1	293.1
365050	50	25.5	58.8		82	92.6	107.5	151.4	151.4
365100	50/25	38	61.6		18	8.3	56	69.9	69.9
365150		28.5					28.5		
365150	50	45.5	124.5				45.5	124.5	124.5
365200	50/25	89	130.6			89	46.3	176.9	176.9
365250	50	52	84.3		100	311.1	152	395.4	395.4
365300	50	39	70.5		236	463.0	275	533.4	533.4
365350	50	37.1	69.1		264	513.0	301.1	582.0	582.0
365400	50	37.5	71.8		290	440.7	327.5	512.5	512.5
365450	50	40	75.0		186	266.7	226	341.7	341.7
365500	50/25	41	138.9		102	47.2	143	186.1	186.1
365550	50	109	198.1				109	198.1	198.1
365600	50/50/25	105	126.4	0	2.3	2.8	105	129.2	129.2
365650	50/50/25	31.5	67.6	2.5	16.2	6	37.5	70.4	70.4
365700	50	41.5	112.0	15	27.8		41.5	112.0	112.0
365750	50/50/25	79.5	102.8	15	16.7	49.1	151.9	151.9	151.9
365800	50	31.5	56.9	3	2.8	106	225.0	137.5	281.9
365850	50	30	65.7	0	137	215.7	167	281.5	281.5
365900	50	41	77.3		96	295.4	137	372.7	372.7
365950	50	42.5	77.8		223	396.3	265.5	474.1	474.1
366000	50	41.5	76.9		205	391.7	246.5	468.5	468.5
366050	42.22/50	41.5	64.9		218	388.0	259.5	452.9	452.9
366092							41.5		
366100	25				201	93.1	201	93.1	93.1
	TOTALS	1470	2521	77	118	4122	7267	5592	9788

TOTAL COMMON EXCAVATION
TOTAL AVAILABLE FILL
TOTAL SOLID ROCK EXCAVATION
TOTAL EXCAVATION (COMMON + SOLID ROCK)

25032
523
7267
32299

N·B·F
NimtzberryhillFigiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King Inc.
Highway Design
Site Engineering
Mechanical and
Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

EARTHWORK

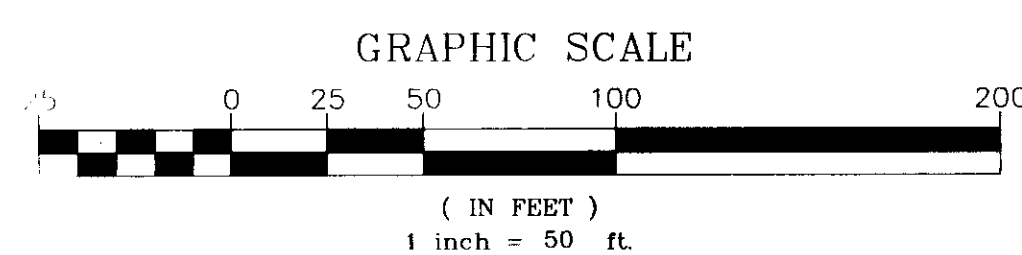
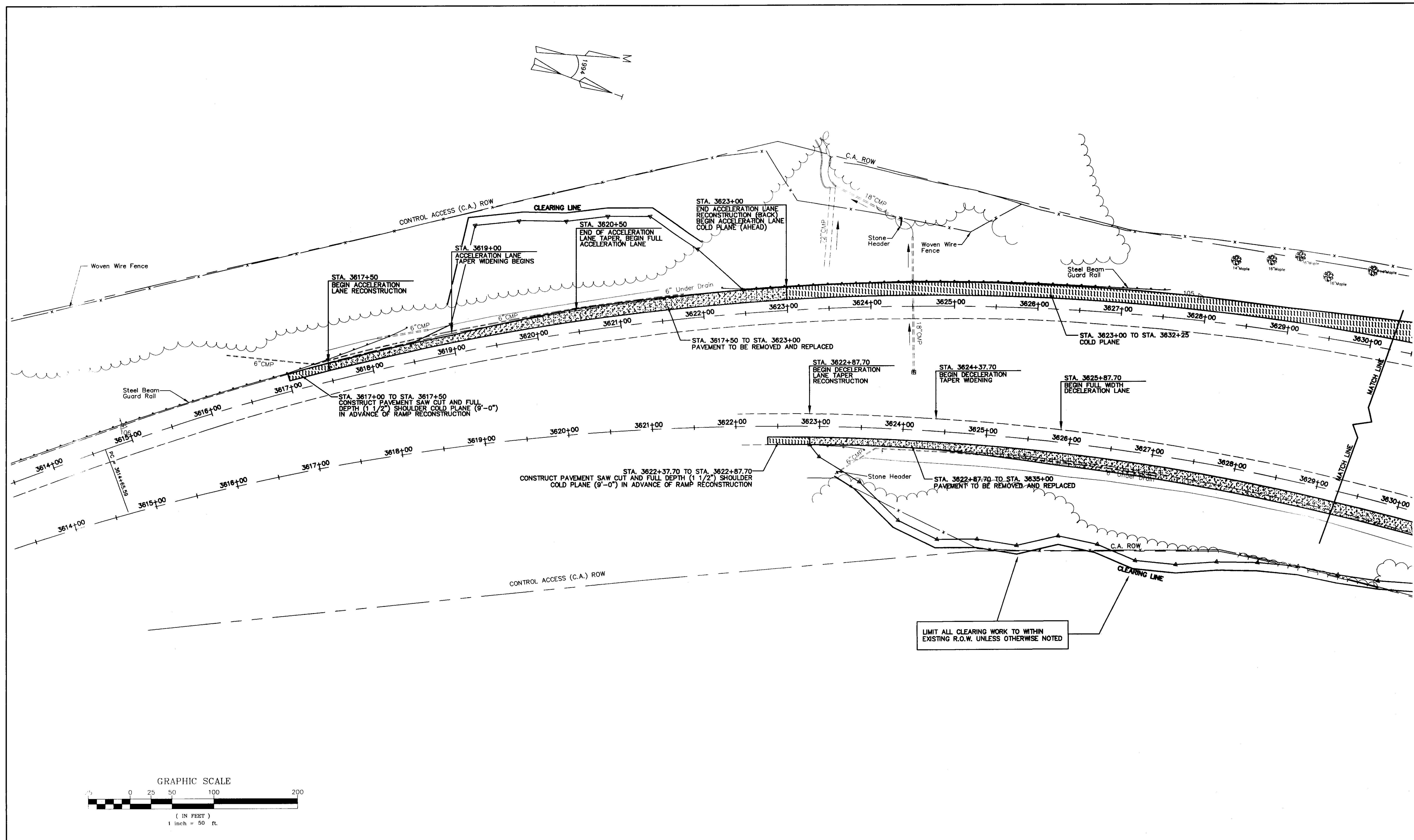
FINAL PLANS

R4

2/15/96

QUANTITY SHEET
APPROXIMATE SUMMARY OF QUANTITIES

NB DECEL	NB ACCEL	SB DECEL	SB ACCEL	ROUNDING	QUANTITIES GRAND TOTAL	ITEM #	UNIT	ITEM DESCRIPTION
0.77	0.88	0.17	0.55	0.13	2.5	201.11	ACRE	CLEARING AND GRUBBING
13510	2525	3940	5070	55	25100	203.15	CY	COMMON EXCAVATION
	7270			30	7300	203.16	CY	SOLID ROCK EXCAVATION
410	610	180	80	20	1300	203.31	CY	SAND BORROW (6" cushion)
820	180	370	160	20	1550	203.31	CY	SAND BORROW (12" optional layer)
2270	2210	1235	785		6500	203.4	SY	FINE GRADING (sub-grade)
100	1250	615	2165	20	4150	210.1	SY	COLD PLANING
1260	1370	570	230	20	3450	301.35	CY	DENSE GRADED CRUSHED STONE
1080	1150	640	560	20	3450	406.25	TON	BITUMINOUS CONCRETE PAVEMENT
			6	6	12	601.0015	LF	18" CSP
			1		1	604.25	EA	PRC PIPE DROP INLET W/ CAST IRON GR.
		100			100	605.1	LF	6" UNDERDRAIN
		100			100	605.2	LF	6" UNDERDRAIN CARRIER PIPE
				25	25	613.1	CY	STONE FILL, TYPE I
110		100			210	616.4	LF	REMOVING AND RESETTNG CURB
1000					1000	620.25	LF	WOVEN WIRE FENCE WITH STEEL POSTS
1000					1000	620.55	LF	REMOVAL OF EXISTING FENCE
				800	800	621.75	LF	REMOVING AND RESETTNG GUARD RAIL
2100	1500	1100	1700	100	6500	621.9	LF	CONCRETE MEDIAN BARRIER
				720	720	630.1	HR	UNIFORMED TRAFFIC OFFICER
					1	631.1	LS	FIELD OFFICE - ENGINEERS
					1	631.17	LS	TESTING EQUIPMENT - BITUMINOUS
					1	635.1	LS	MOBILIZATION
					1	641.1	LS	TRAFFIC CONTROL
1650	2300	1350	1750	50	7100	646.4	LF	4" DURABLE WHITE LINE
100	120	50	80	50	400	646.41	LF	4" DURABLE YELLOW LINE
450	250	400	450	50	1600	646.42	LF	8" DURABLE WHITE LINE
6075	6075	5175	5175		22500	646.6	LF	TEMPORARY 4" WHITE LINE
2025	2025	1725	1725		7500	646.61	LF	TEMPORARY 4" YELLOW LINE
800	250	1600	650	200	3500	649.2	SY	GEOTEXTILE FABRIC FOR SILT FENCE
92	71	37	43	6	250	651.15	LB	SEED
				100	100	651.17	LB	SEED-WINTER RYE
770	595	310	355	20	2050	651.18	LB	FERTILIZER
3.1	2.4	1.2	1.4		8.1	651.2	TON	AGRICULTURAL LIMESTONE
3.1	2.4	1.2	1.4		8.1	651.25	TON	HAY MULCH
				200	200	651.26	EA	HAY BALES FOR EROSION CONTROL
422	326	170	195	37	1150	651.35	CY	TOPSOIL
3500		1250	1400	50	6200	654.1	SY	EROSION MATTING
	5				5	675.2	SF	TRAFFIC SIGN (TYPE A)
95	113			2	210	675.3	LBS	FLANGED CHANNEL POSTS
410				90	500	675.33	LBS	TUBULAR STEEL POSTS
1					1	675.43	EA	FOUNDATION FOR TUBULAR STEEL POSTS
3	2				5	675.5	EA	REMOVING SIGNS
3	2				5	675.6	EA	ERECTING SALVAGE SIGNS
20				5	25	676.1	EA	DELINEATORS WITH STEEL POSTS



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

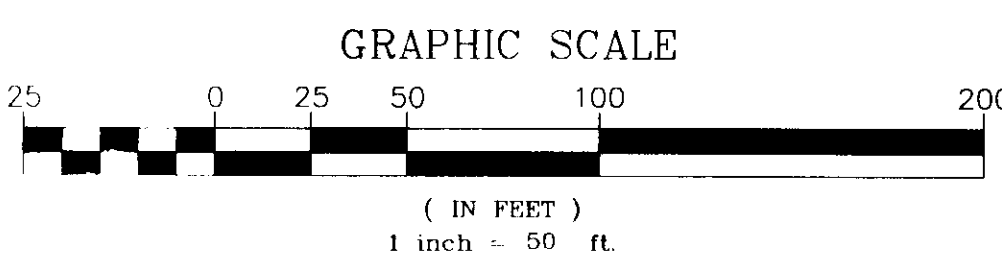
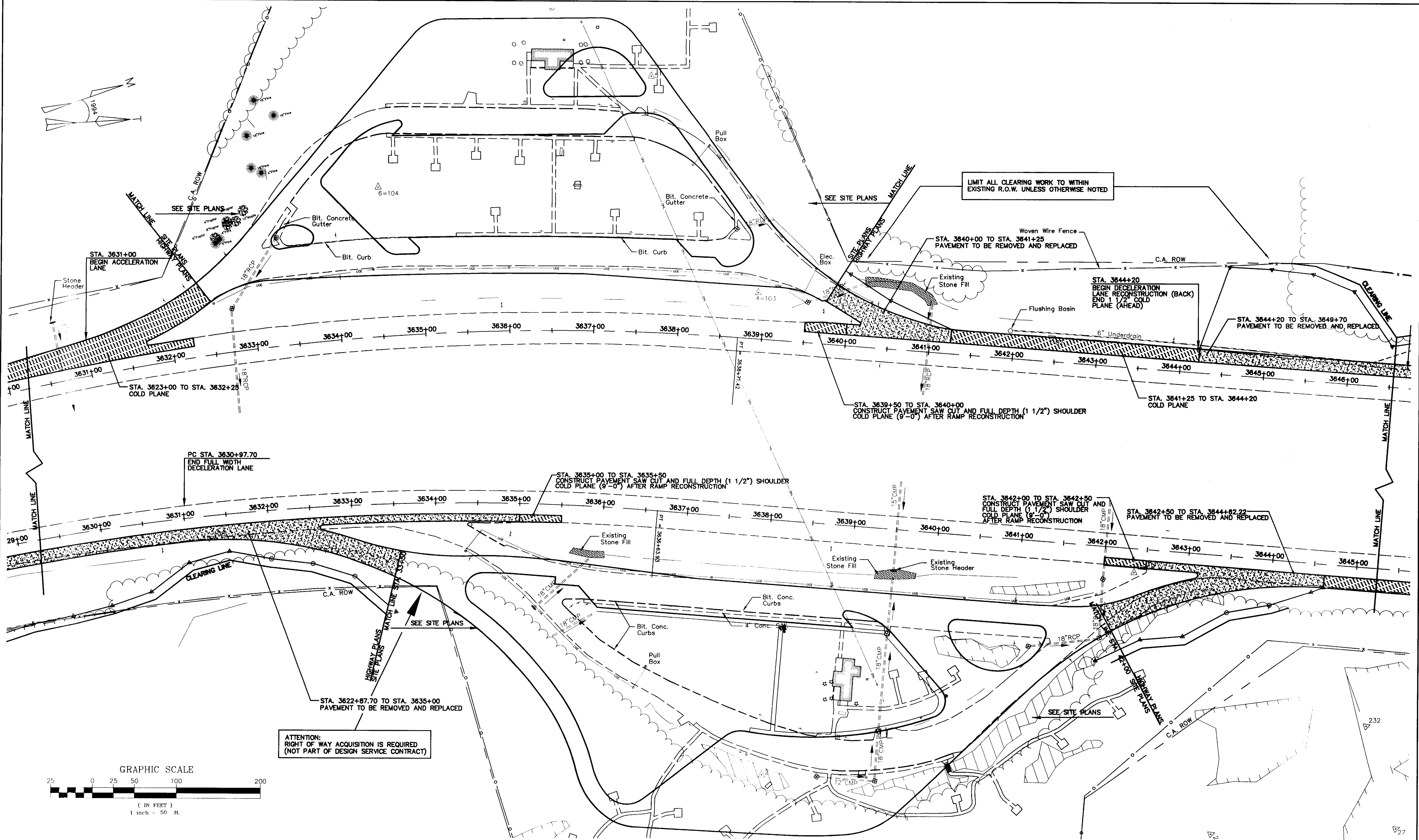
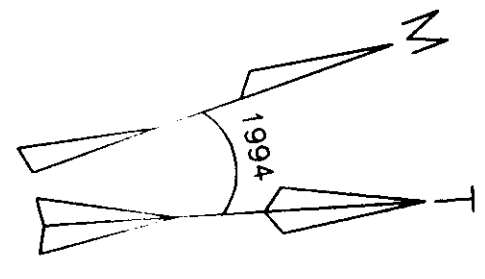
HARTFORD, VT. I-91
INFORMATION CENTERS

GRADING AND
DRAINAGE PLANS

FINAL PLANS

2/15/96

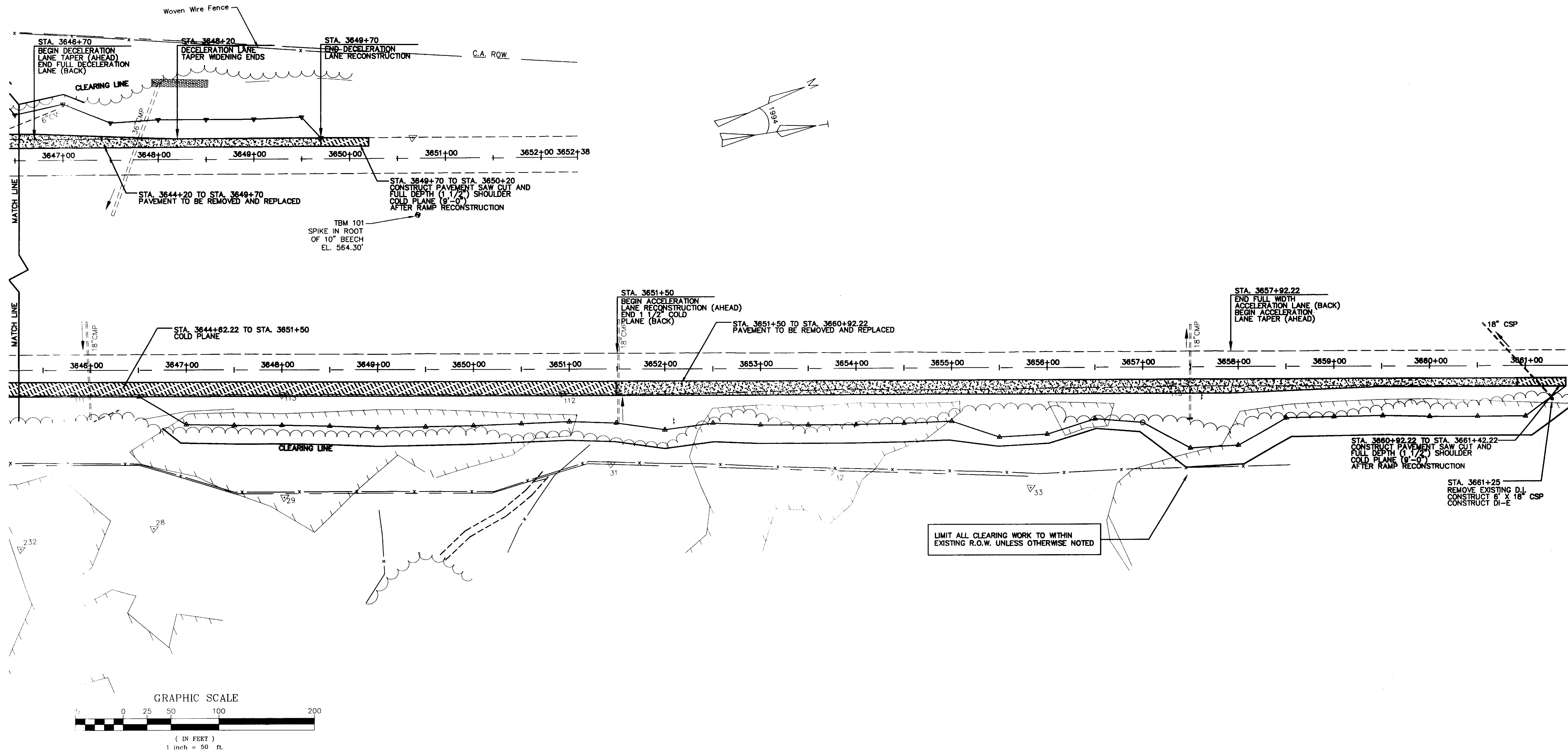
R8



ATTENTION:
RIGHT OF WAY ACQUISITION IS REQUIRED
(NOT PART OF DESIGN SERVICE CONTRACT)

N·B·F Nimtz·Berryhill·Figiel ARCHITECTS P.C. 24 1/2 Center Street, Rutland, Vermont 05701	Steven J. Banik, P.E. STRUCTURAL ENGINEER Cuttingsville, Vermont 05738	DuBois & King inc. •Highway Design •Site Engineering •Mechanical and •Electrical Engineers	HARTFORD, VT. I-91 INFORMATION CENTERS	GRADING AND DRAINAGE PLANS	FINAL PLANS	R9
---	---	---	---	-------------------------------	-------------	----

2/15/96



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King Inc.
Highway Design
Site Engineering
Mechanical and
Electrical Engineers

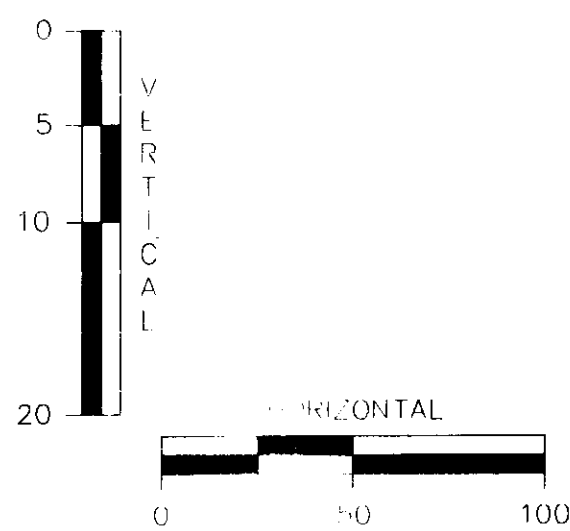
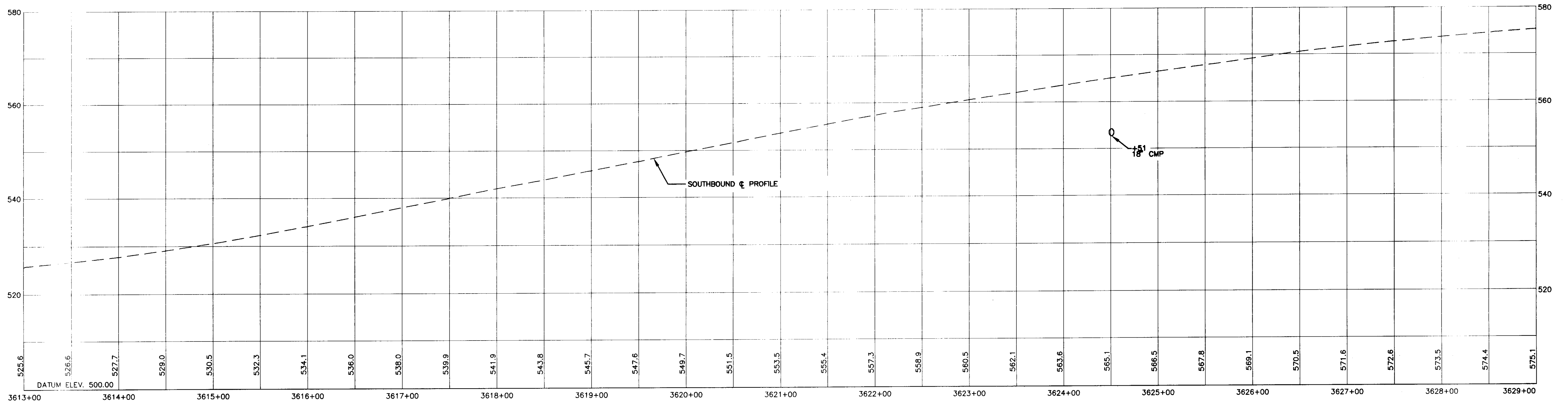
HARTFORD, VT. I-91
INFORMATION CENTERS

GRADING AND
DRAINAGE PLANS

FINAL PLANS

R10

2/15/96



N·B·F
 Nimitz · Berryhill · Figiel
 ARCHITECTS P.C.
 24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
 STRUCTURAL ENGINEER
 Cuttingsville, Vermont 05738

DuBois & King inc.
 ·Highway Design
 ·Site Engineering
 ·Mechanical and
 ·Electrical Engineers

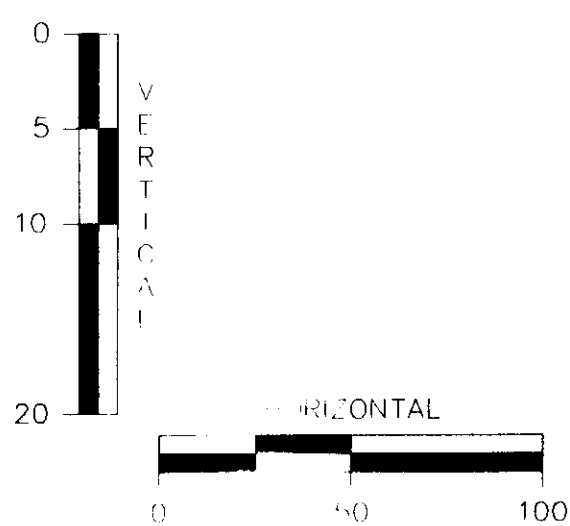
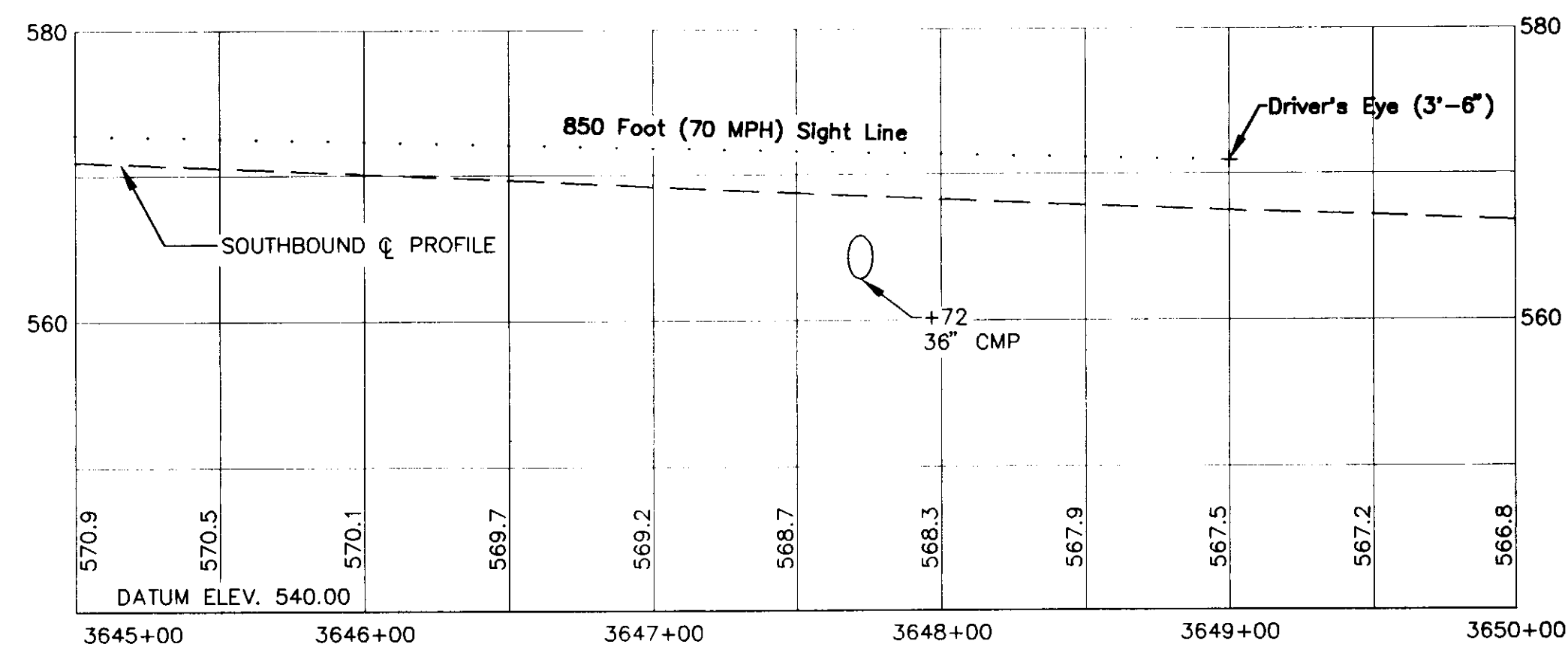
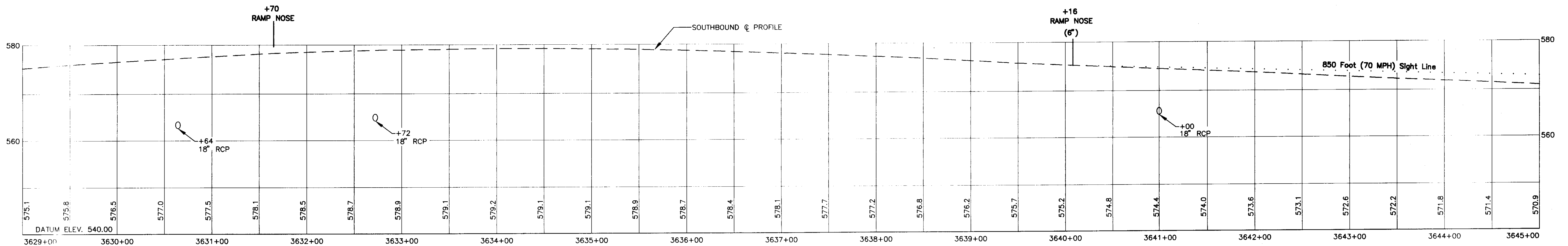
HARTFORD, VT. I-91
 INFORMATION CENTERS

SOUTHBOUND
 PROFILES

FINAL PLANS

2/15/96

R11



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
Highway Design
Site Engineering
Mechanical and
Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

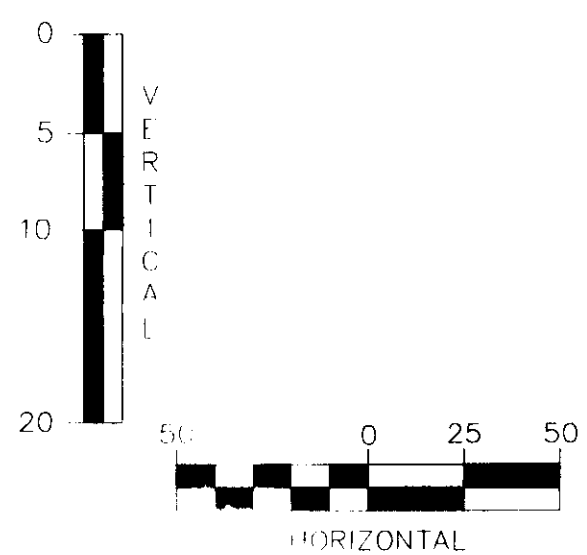
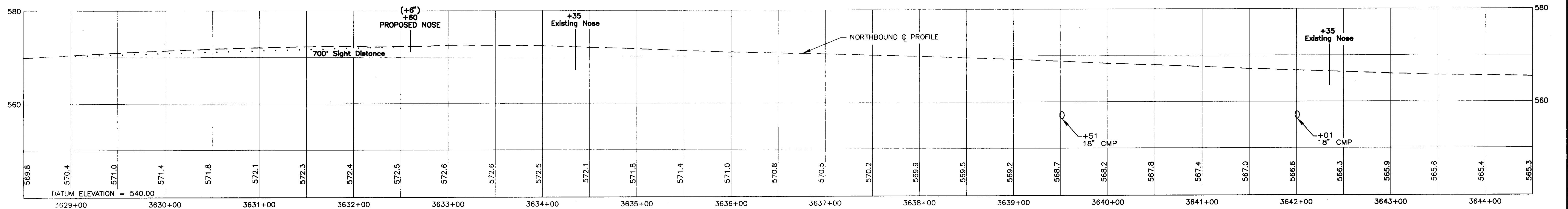
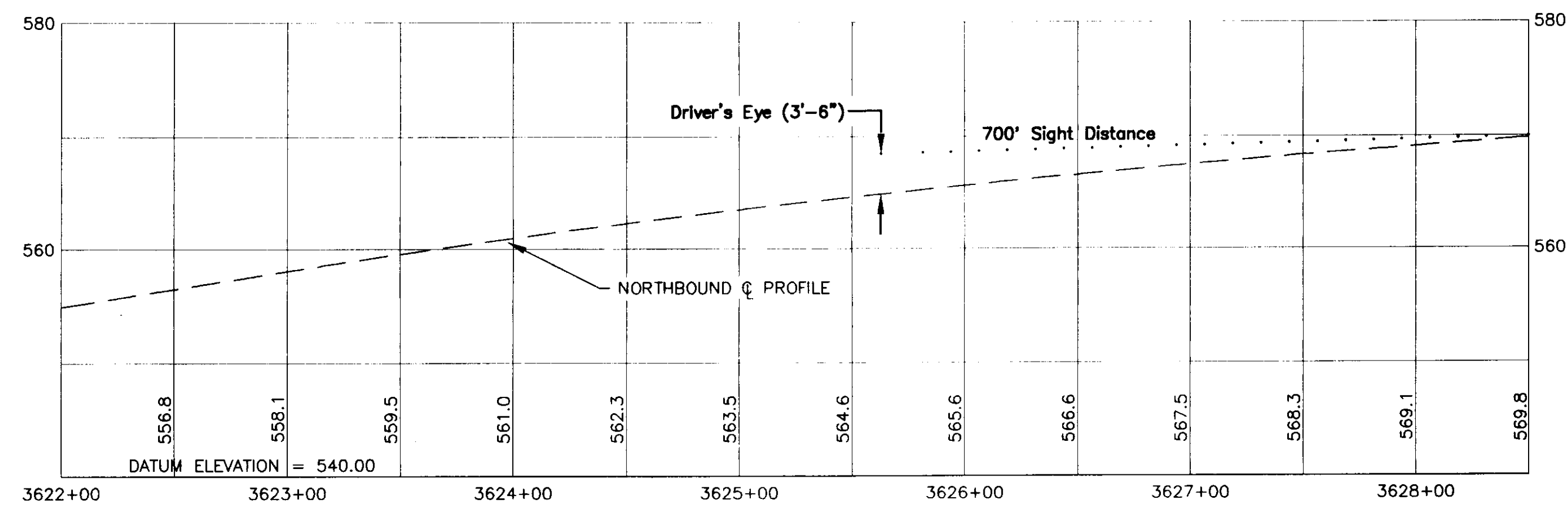
SOUTHBOUND
PROFILES

FINAL PLANS

2/15/96

R12

N-162



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

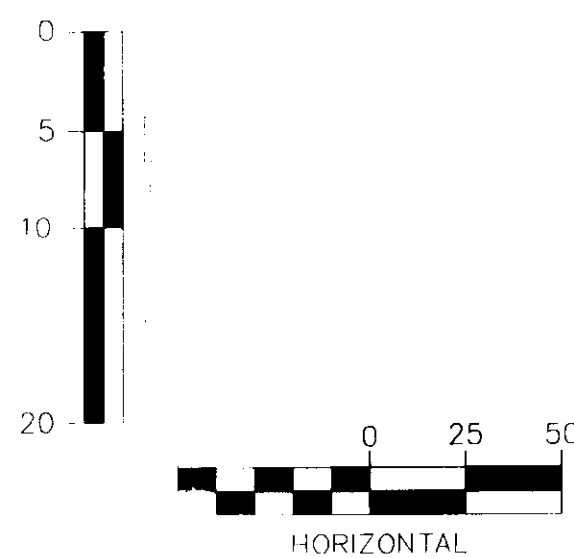
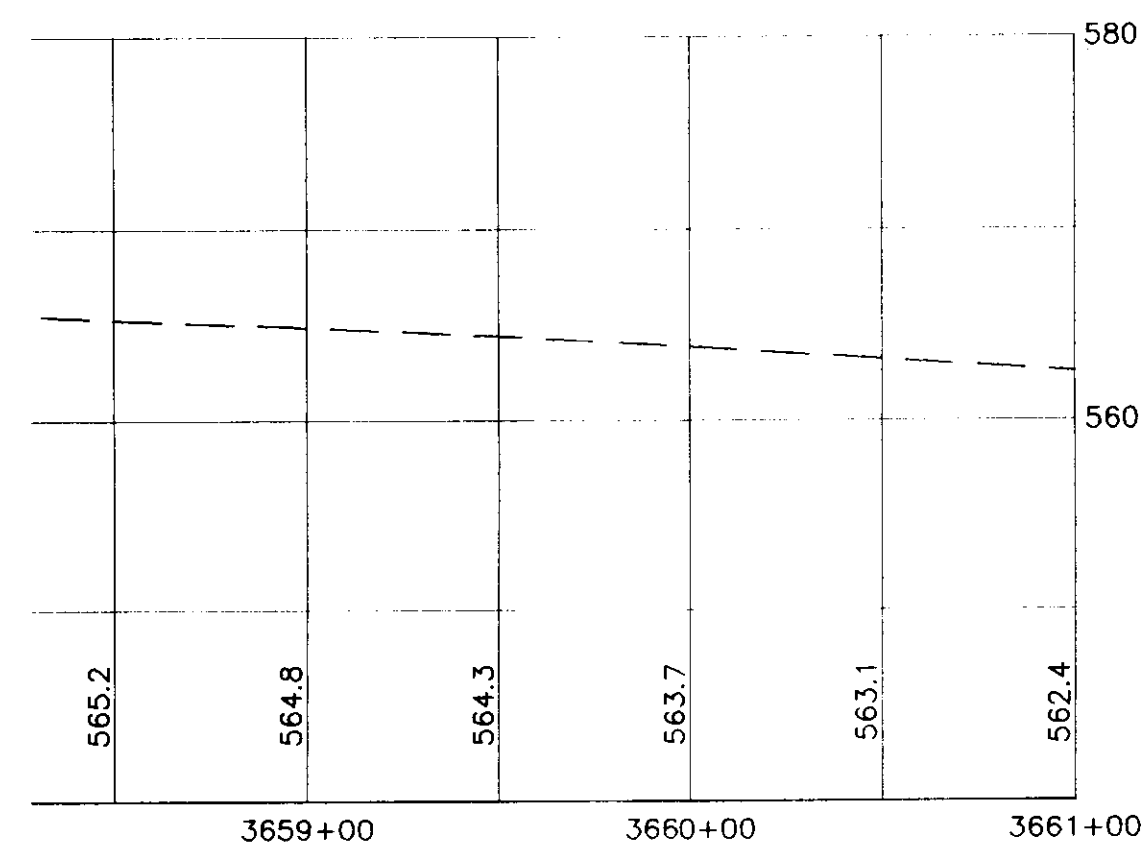
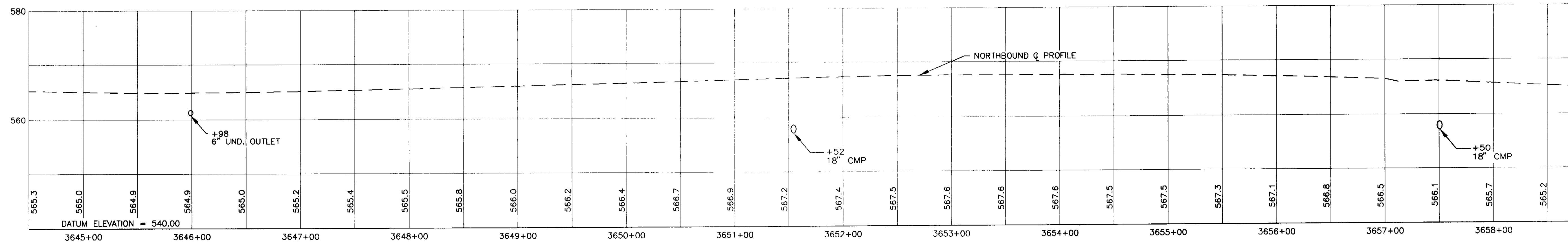
HARTFORD, VT. I-91
INFORMATION CENTERS

NORTHBOUND
PROFILES

FINAL PLANS

2/15/96

R13



N·B·F
 Nimtz • Berryhill • Figiel
 ARCHITECTS P.C.
 24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
 STRUCTURAL ENGINEER
 Cuttingsville, Vermont 05738

DuBois & King
 •Highway Design
 •Site Engineering
 •Mechanical and
 •Electrical Engineers

HARTFORD, VT. I-91
 INFORMATION CENTERS

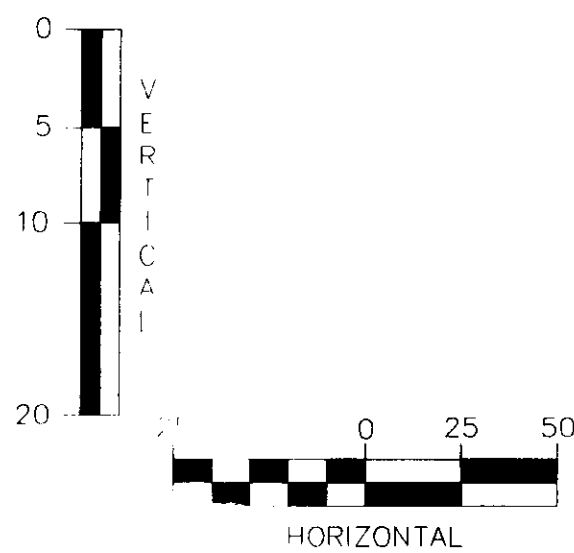
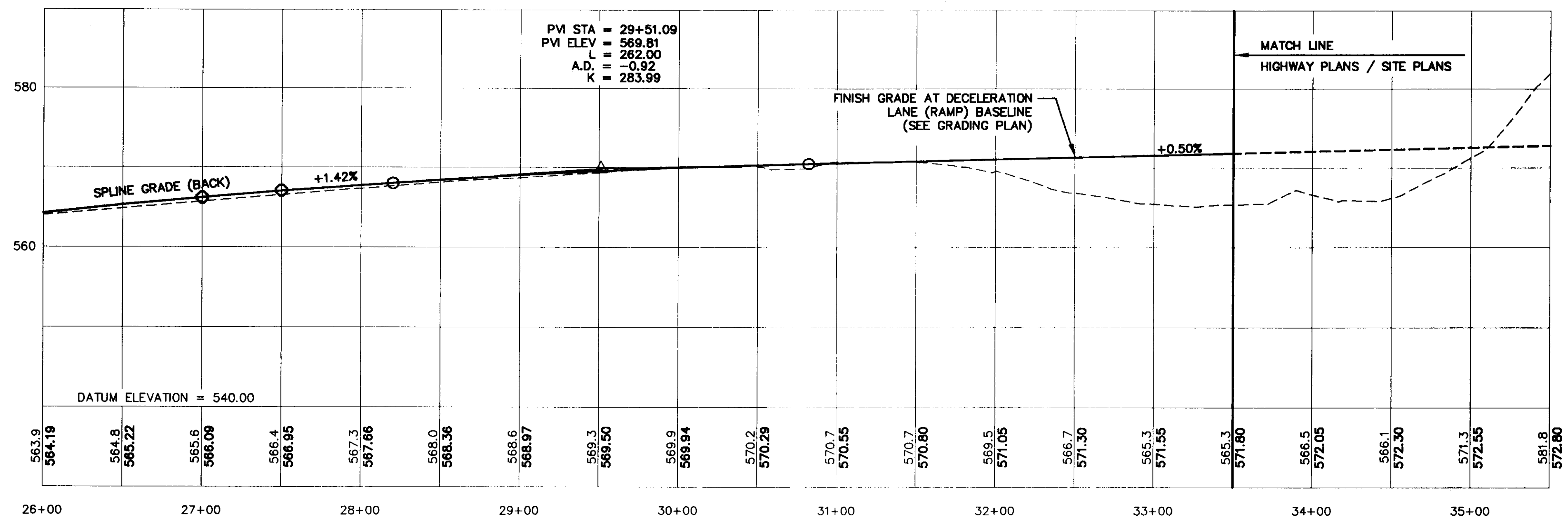
NORTHBOUND
 PROFILES

FINAL PLANS

2/15/96

R14

N-164



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
• Highway Design
• Site Engineering
• Mechanical and
• Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

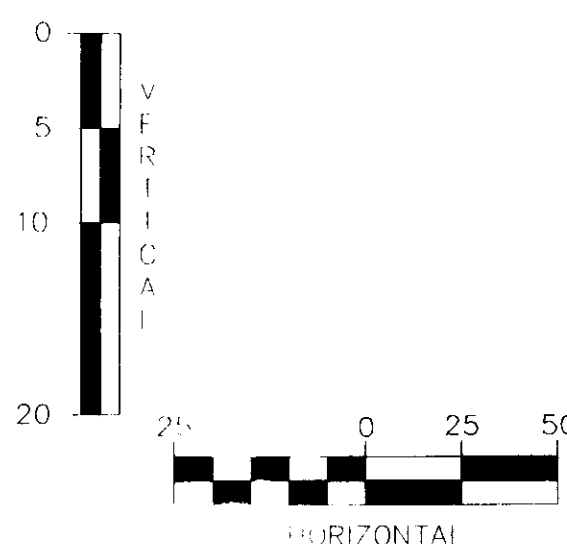
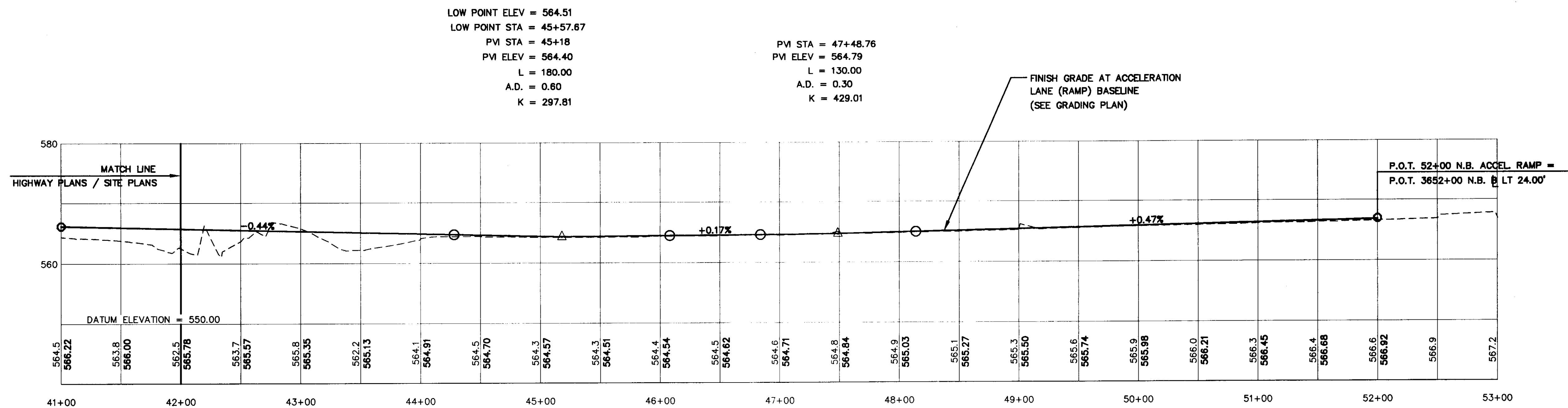
NORTHBOUND DECEL.
RAMP PROFILE

FINAL PLANS

2/15/96

R15

N-165



N·B·F
 Nimtze Berryhill Figiel
 ARCHITECTS P.C.
 24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
 STRUCTURAL ENGINEER
 Cuttingsville, Vermont 05738

DuBois & King inc.
 Highway Design
 Site Engineering
 Mechanical and
 Electrical Engineers

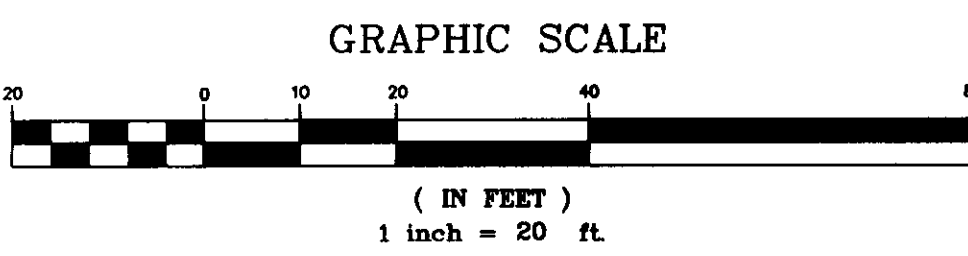
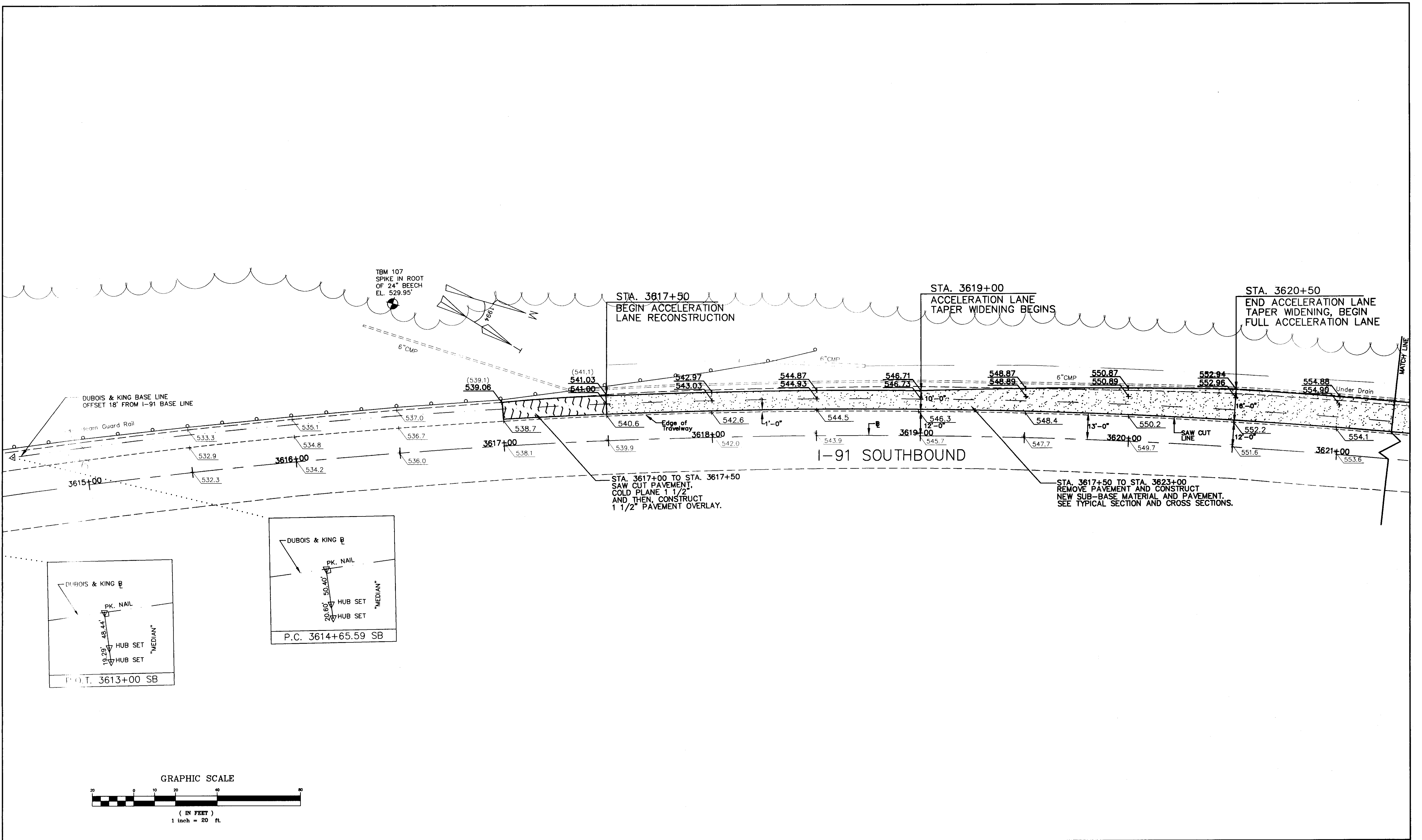
HARTFORD, VT. I-91
 INFORMATION CENTERS

NORTHBOUND ACCEL.
 RAMP PROFILE

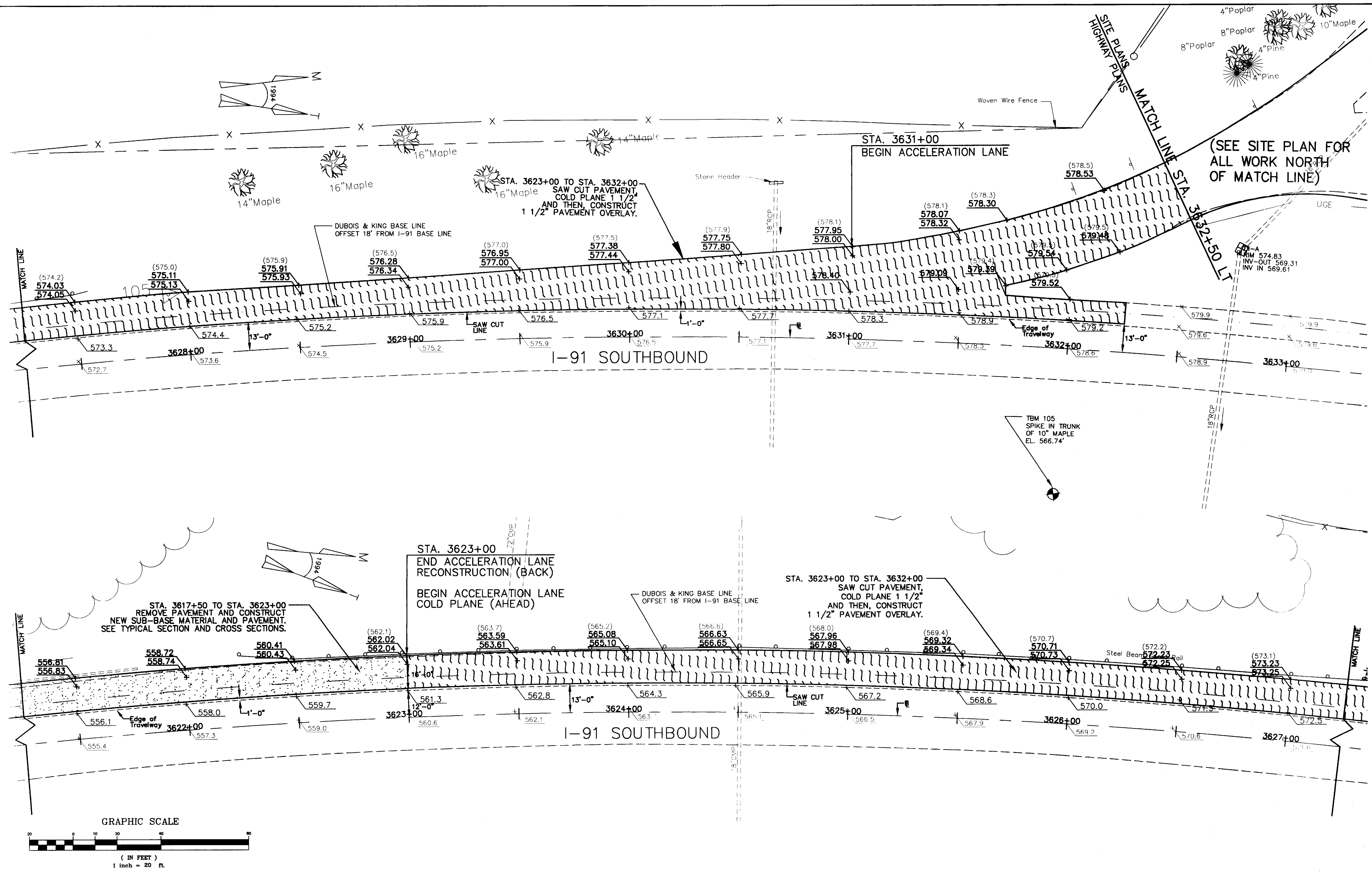
FINAL PLANS

2/15/96

R16

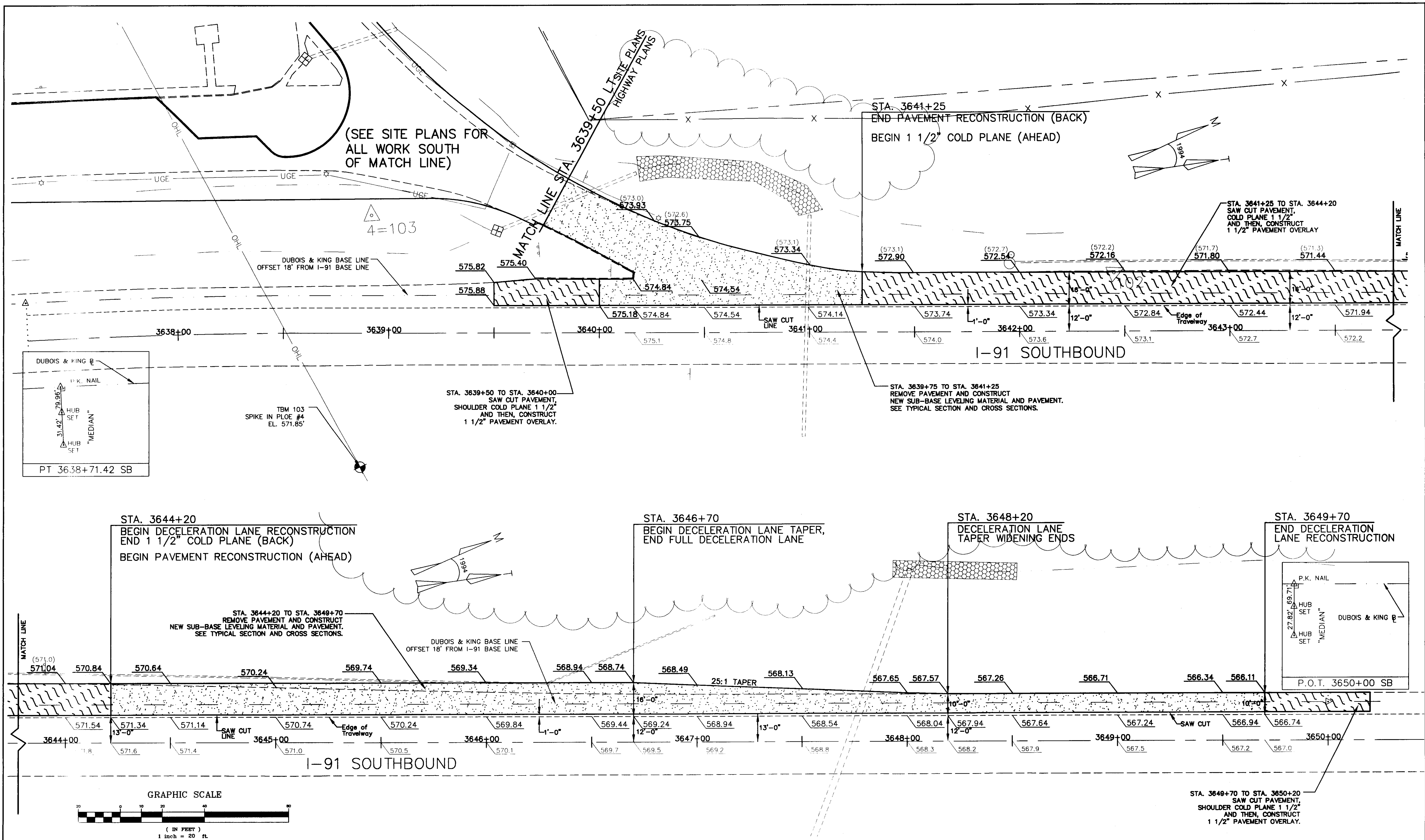


N·B·F Nimitz·Berryhill·Figiel ARCHITECTS P.C. 24 1/2 Center Street, Rutland, Vermont 05701	Steven J. Banik, P.E. STRUCTURAL ENGINEER Cuttingsville, Vermont 05738	DuBois & King inc. •Highway Design •Site Engineering •Mechanical and •Electrical Engineers	HARTFORD, VT. I-91 INFORMATION CENTERS	SOUTHBOUND ACCEL. GRADING PLAN	FINAL PLANS 2/15/96	R22
--	---	---	---	-----------------------------------	------------------------	------------



N·B·F Nimtz • Berryhill • Figiel ARCHITECTS P.C. 24 1/2 Center Street, Rutland, Vermont 05701	Steven J. Banik, P.E. STRUCTURAL ENGINEER Cuttingsville, Vermont 05738	DuBois & King inc. •Highway Design •Site Engineering •Mechanical and •Electrical Engineers	HARTFORD, VT. I-91 INFORMATION CENTERS	SOUTHBOUND ACCEL. GRADING PLAN	FINAL PLANS 2/15/96	R23
---	---	---	---	-----------------------------------	------------------------	------------

DATA: P:\1266815\38AC3RAD.Fri Mar 15 08:38:47 1996



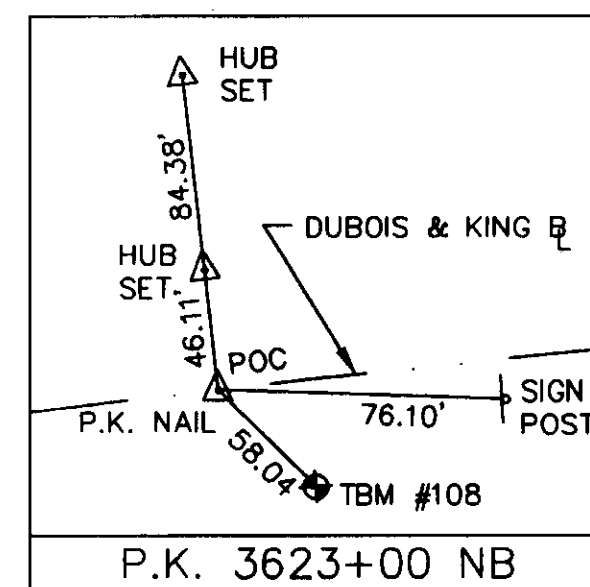
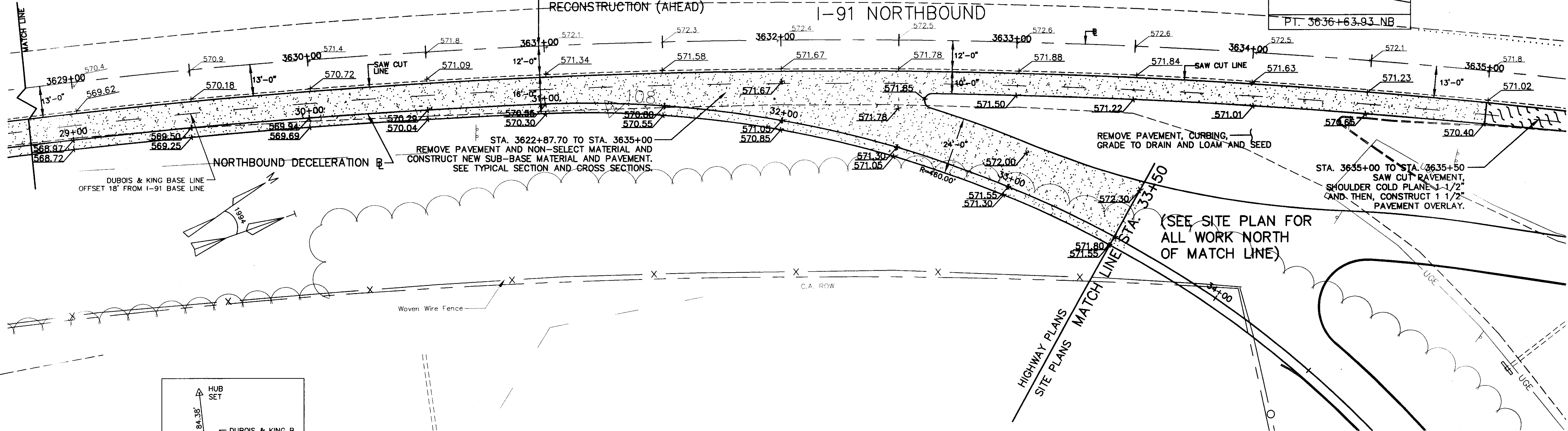
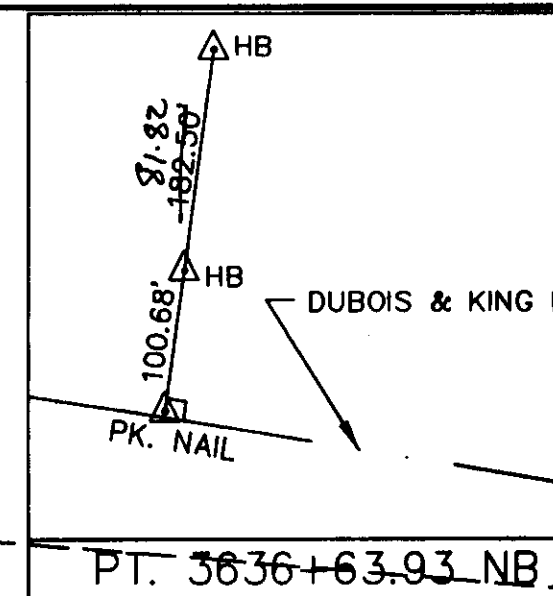
N·B·F Nimtz • Berryhill • Figiel ARCHITECTS P.C. 24 1/2 Center Street, Rutland, Vermont 05701	Steven J. Banik, P.E. STRUCTURAL ENGINEER Cuttingsville, Vermont 05738	DuBois & King inc. •Highway Design •Site Engineering •Mechanical and •Electrical Engineers	HARTFORD, VT. I-91 INFORMATION CENTERS	SOUTHBOUND DECEL. GRADING PLAN	FINAL PLANS 2/15/96	R24
---	---	---	---	-----------------------------------	------------------------	------------

P.O.C. STA. 3630+97.70 I-91 N.B. @ 24.00 RT. =
PC STA. 30+97.70 N.B. DECEL. @

END FULL WIDTH
DECELERATION LANE
RECONSTRUCTION (BACK)

BEGIN REST AREA RAMP
RECONSTRUCTION (AHEAD)

I-91 NORTHBOUND

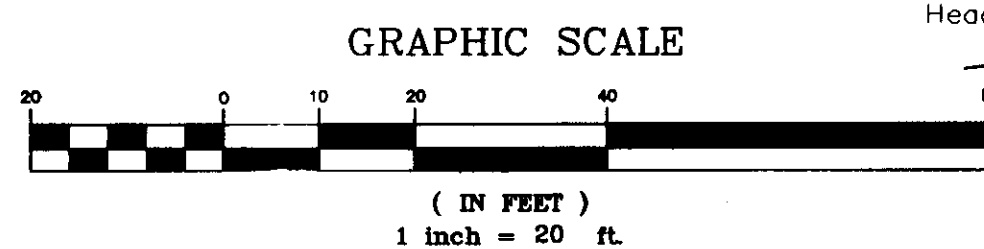
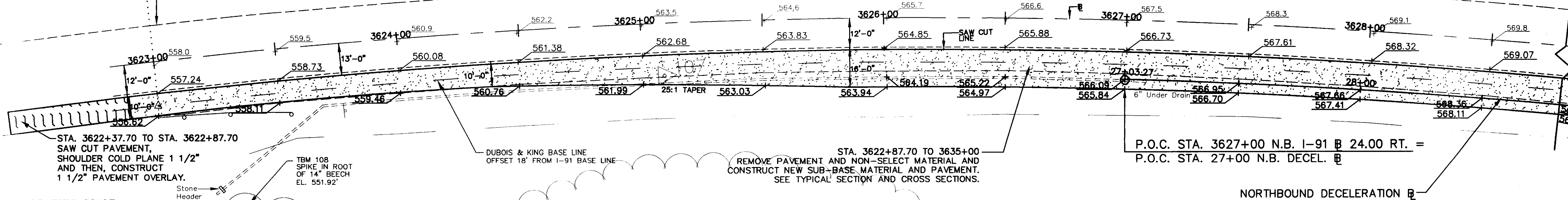


STATION 3624+37.70
BEGIN DECELERATION
RAMP WIDENING

STATION 3625+87.70
BEGIN FULL WIDTH
DECELERATION LANE

I-91 NORTHBOUND

STATION 3622+87.70
BEGIN DECELERATION
LANE TAPER RECONSTRUCTION



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King Inc.
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

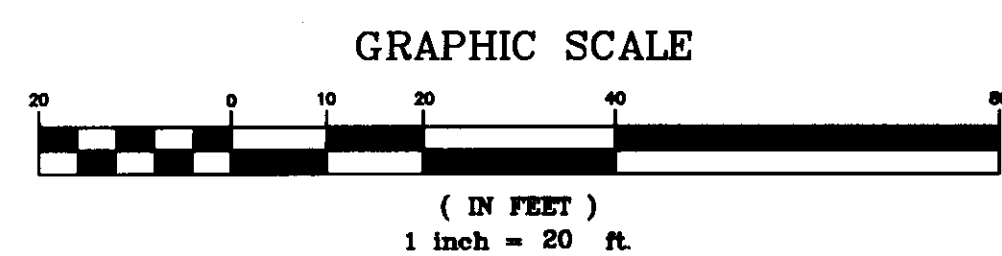
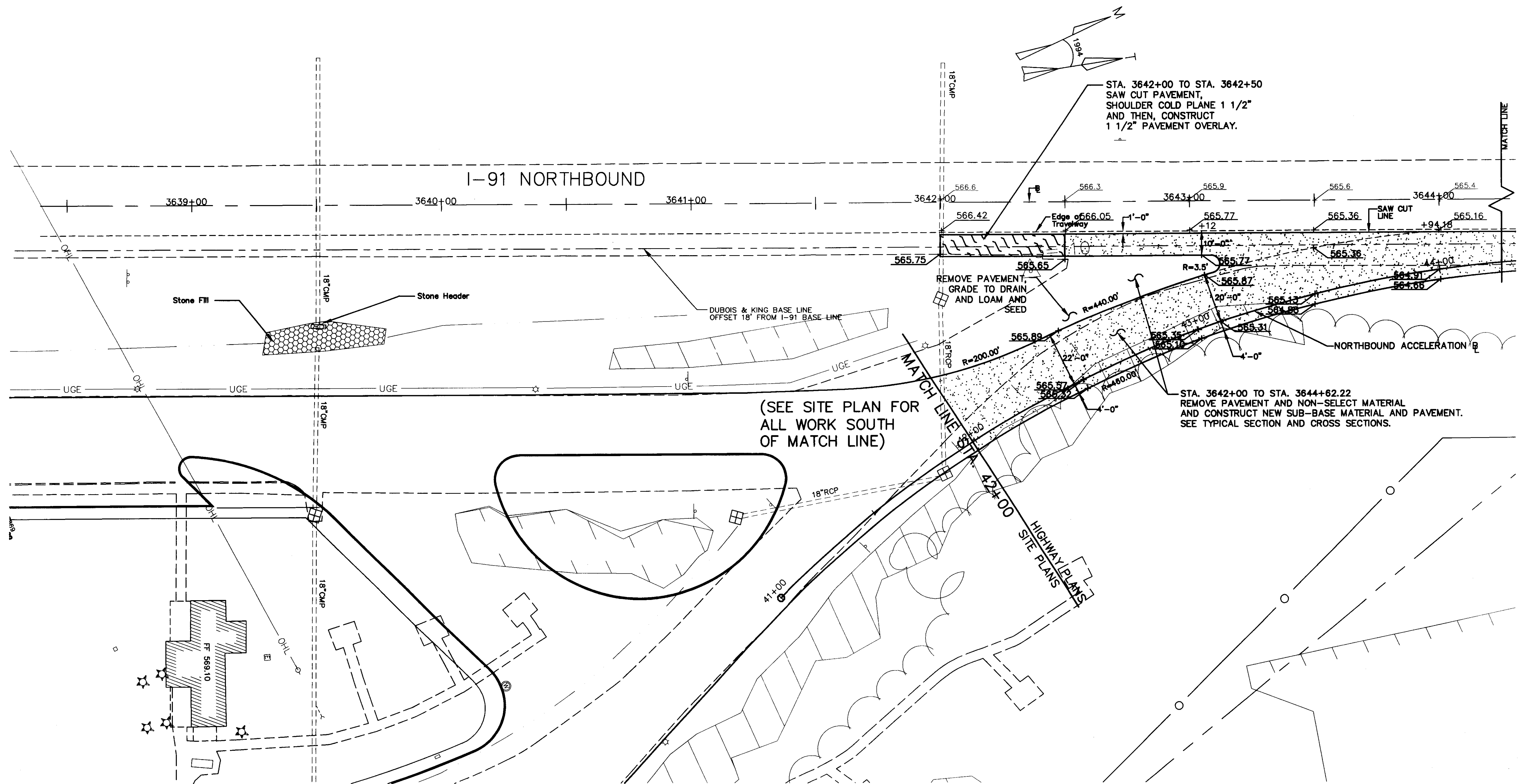
HARTFORD, VT. I-91
INFORMATION CENTERS

NORTHBOUND DECEL.
GRADING PLAN

FINAL PLANS

R25

2/15/96



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
·Highway Design
·Site Engineering
·Mechanical and
·Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

NORTHBOUND ACCEL.
GRADING PLAN

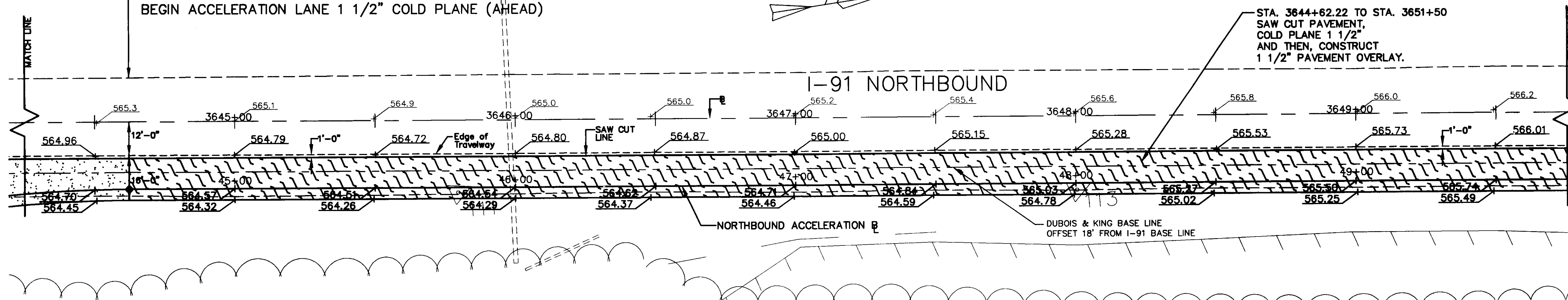
FINAL PLANS

R26

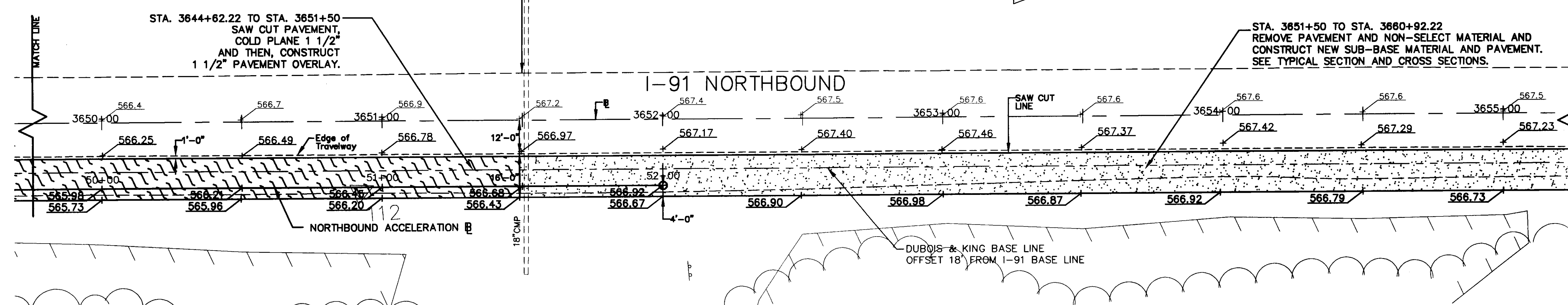
2/15/96

TBM 102
SPIKE ON ROOT
OF 30" PINE
EL. 559.64'

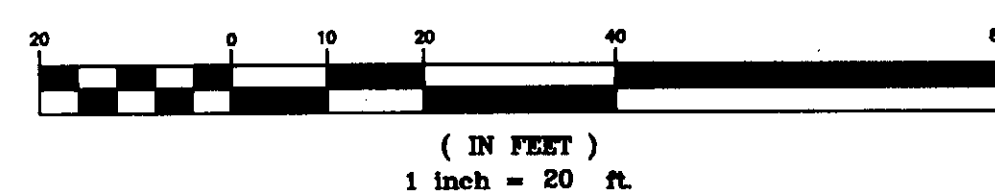
P.C. STA. 3644+62.22 N.B. I-91 B =
P.C. STA. 44+62.22 N.B. ACCEL. B 24.00 LT.
BEGIN FULL WIDTH ACCELERATION LANE
END RAMP RECONSTRUCTION (BACK)
BEGIN ACCELERATION LANE 1 1/2" COLD PLANE (AHEAD)



STA. 3651+50
BEGIN ACCELERATION LANE RECONSTRUCTION (AHEAD)
END 1 1/2" COLD PLANE (BACK)



GRAPHIC SCALE



N·B·F

Nimtz · Berryhill · Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.

STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

**DuBois
& King**

·Highway Design
·Site Engineering
·Mechanical and
·Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

NORTHBOUND ACCEL.
GRADING PLAN

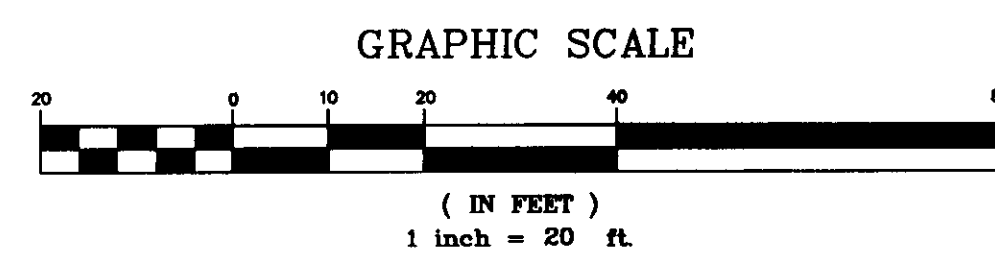
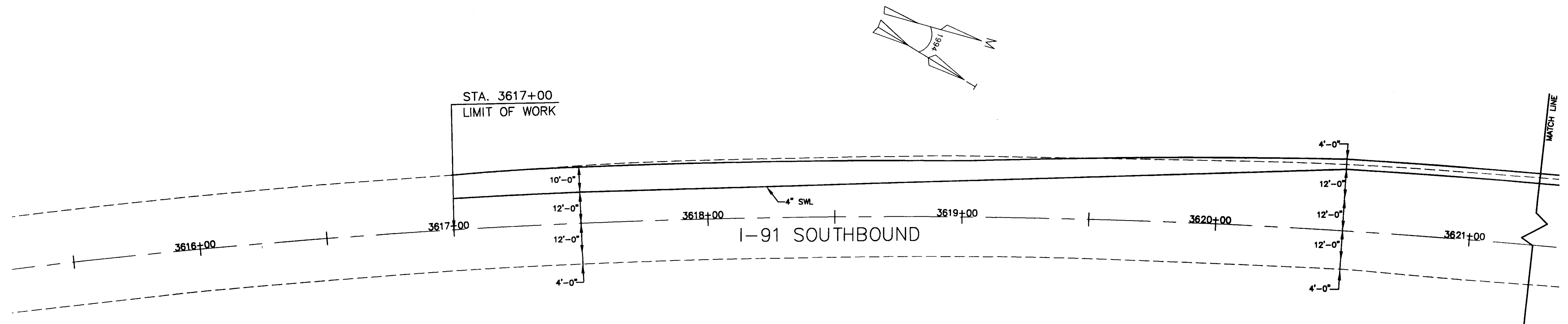
FINAL PLANS

R27

2/15/96

N-172

DURABLE 4" WHITE LINE
 STA. 3617+00 (12' LT) TO STA. 3617+50 (12' LT)
 STA. 3617+50 (12' LT) TO STA. 3620+50 (24' LT)
 STA. 3620+50 (24' LT) TO STA. 3621+25 (24' LT)



STRIPING ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
DWL	4" DOTTED WHITE LINE
SWL	4" SOLID WHITE LINE
SYL	4" SOLID YELLOW LINE
BWL	4" BROKEN WHITE LINE
WTL	8" WHITE TRANSVERSE LINE

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

N·B·F
 Nimtze Berryhill Figiel
 ARCHITECTS P.C.
 24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
 STRUCTURAL ENGINEER
 Cuttingsville, Vermont 05738

DuBois & King inc.
 Highway Design
 Site Engineering
 Mechanical and
 Electrical Engineers

HARTFORD, VT. I-91
 INFORMATION CENTERS

SOUTHBOUND ACCEL.
 SIGNING, LIGHTING, &
 PAVEMENT MARKING

FINAL PLANS

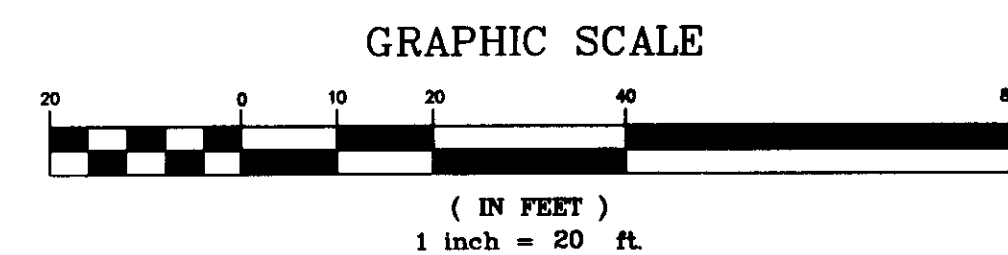
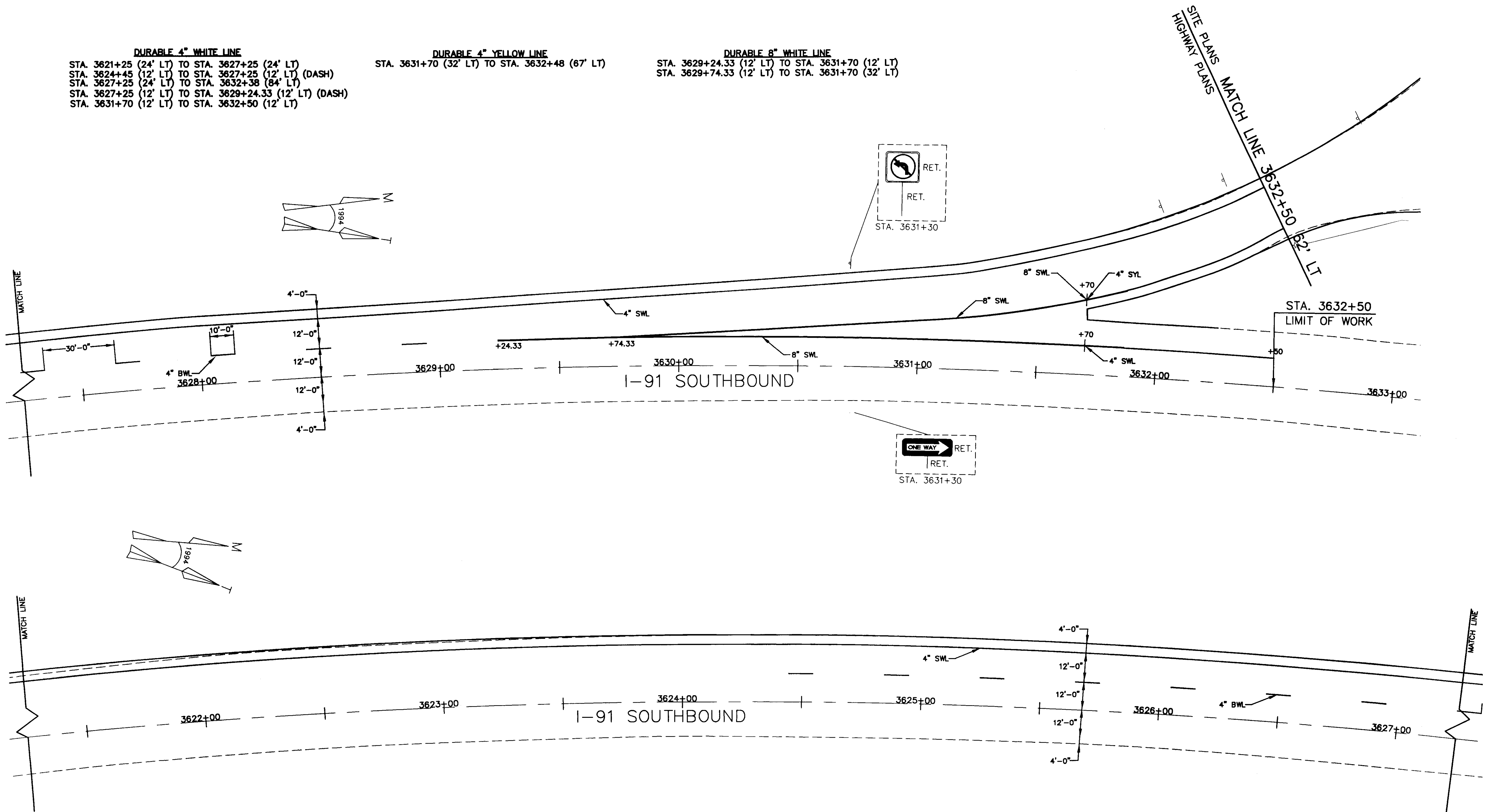
2/15/96

R29

DURABLE 4" WHITE LINE
 STA. 3621+25 (24' LT) TO STA. 3627+25 (24' LT)
 STA. 3624+45 (12' LT) TO STA. 3627+25 (12' LT) (DASH)
 STA. 3627+25 (24' LT) TO STA. 3632+38 (84' LT)
 STA. 3627+25 (12' LT) TO STA. 3629+24.33 (12' LT) (DASH)
 STA. 3631+70 (12' LT) TO STA. 3632+50 (12' LT)

DURABLE 4" YELLOW LINE
 STA. 3631+70 (32' LT) TO STA. 3632+48 (67' LT)

DURABLE 8" WHITE LINE
 STA. 3629+24.33 (12' LT) TO STA. 3631+70 (12' LT)
 STA. 3629+74.33 (12' LT) TO STA. 3631+70 (32' LT)



STRIPING ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
DWL	4" DOTTED WHITE LINE
SWL	4" SOLID WHITE LINE
SYL	4" SOLID YELLOW LINE
BWL	4" BROKEN WHITE LINE
WTL	8" WHITE TRANSVERSE LINE

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

N·B·F
 Nimtz·Berryhill·Figiel
 ARCHITECTS P.C.
 24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
 STRUCTURAL ENGINEER
 Cuttingsville, Vermont 05738

DuBois & King inc.
 Highway Design
 Site Engineering
 Mechanical and
 Electrical Engineers

HARTFORD, VT. I-91
 INFORMATION CENTERS

SOUTHBOUND ACCEL.
 SIGNING, LIGHTING, &
 PAVEMENT MARKING

FINAL PLANS

2/15/96

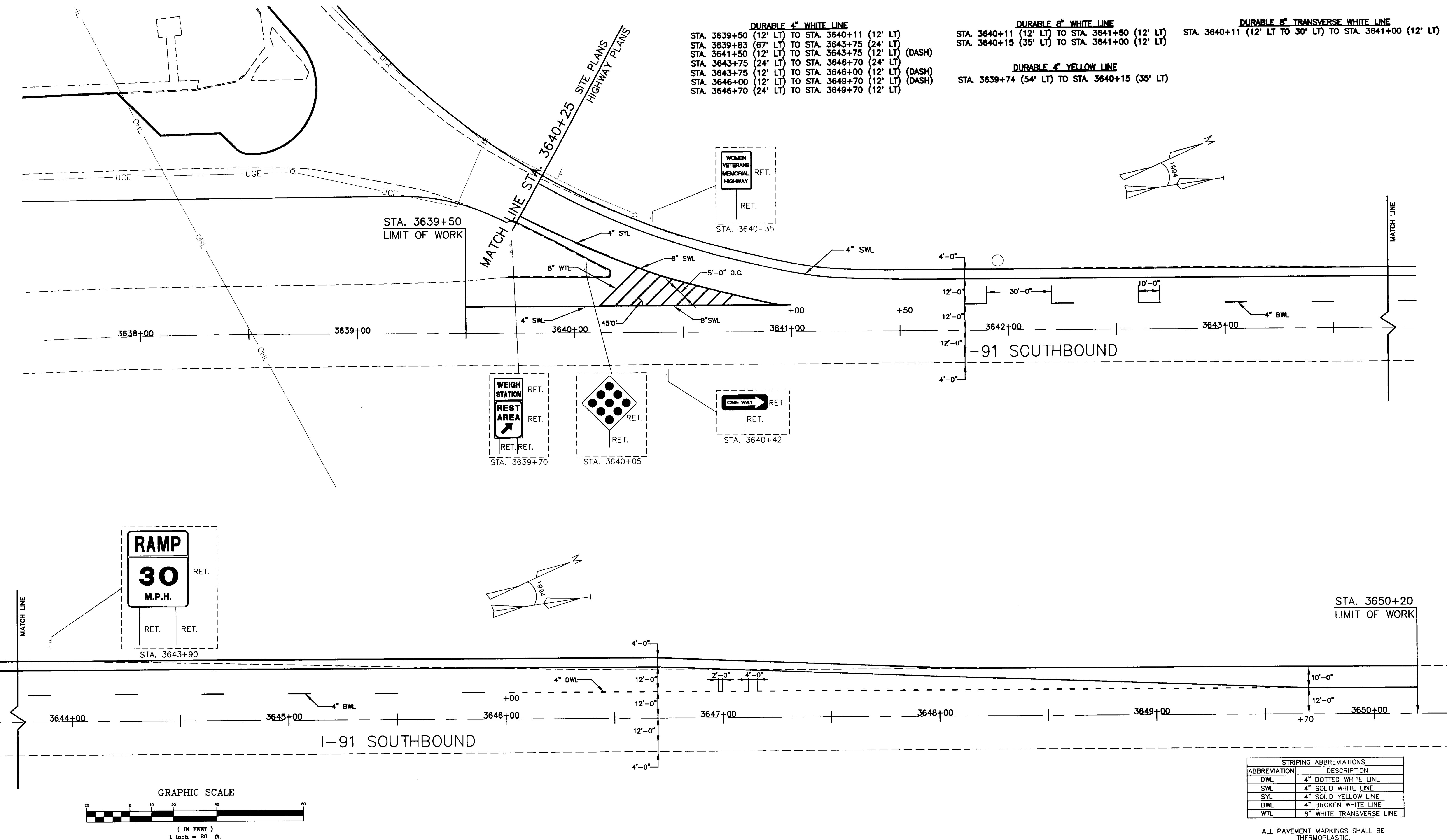
R30

DURABLE 4" WHITE LINE
 STA. 3639+50 (12' LT) TO STA. 3640+11 (12' LT)
 STA. 3639+83 (67' LT) TO STA. 3643+75 (24' LT)
 STA. 3641+50 (12' LT) TO STA. 3643+75 (12' LT) (DASH)
 STA. 3643+75 (24' LT) TO STA. 3646+00 (24' LT)
 STA. 3643+75 (12' LT) TO STA. 3646+00 (12' LT) (DASH)
 STA. 3646+00 (12' LT) TO STA. 3649+70 (12' LT) (DASH)
 STA. 3646+70 (24' LT) TO STA. 3649+70 (12' LT)

DURABLE 6" WHITE LINE
 STA. 3640+11 (12' LT) TO STA. 3641+50 (12' LT)
 STA. 3640+15 (35' LT) TO STA. 3641+00 (12' LT)

DURABLE 6" TRANSVERSE WHITE LINE
 STA. 3640+11 (12' LT TO 30' LT) TO STA. 3641+00 (12' LT)

DURABLE 4" YELLOW LINE
 STA. 3639+74 (54' LT) TO STA. 3640+15 (35' LT)



STRIPING ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
DWL	4" DOTTED WHITE LINE
SWL	4" SOLID WHITE LINE
SYL	4" SOLID YELLOW LINE
BWL	4" BROKEN WHITE LINE
WTL	8" WHITE TRANSVERSE LINE

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

N·B·F
 Nimitz·Berryhill·Figiel
 ARCHITECTS P.C.
 24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
 STRUCTURAL ENGINEER
 Cuttingsville, Vermont 05738

DuBois & King inc.
 Highway Design
 Site Engineering
 Mechanical and
 Electrical Engineers

HARTFORD, VT. I-91
 INFORMATION CENTERS

SOUTHBOUND DECEL
 SIGNING, LIGHTING, &
 PAVEMENT MARKING

FINAL PLANS

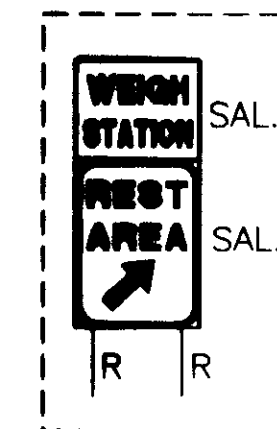
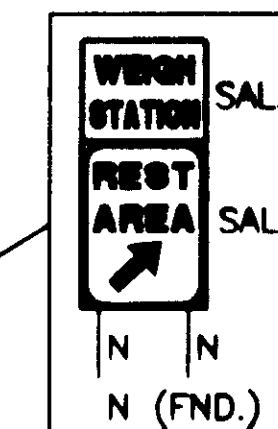
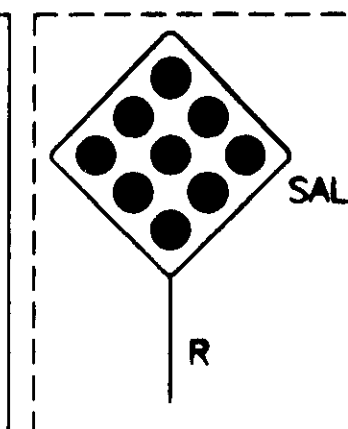
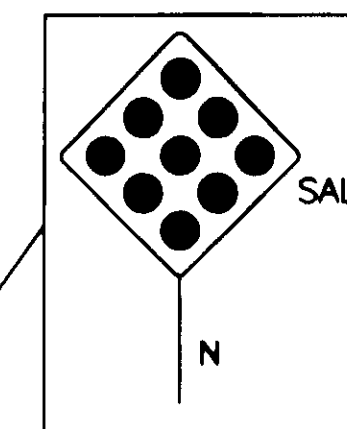
2/15/96

R31

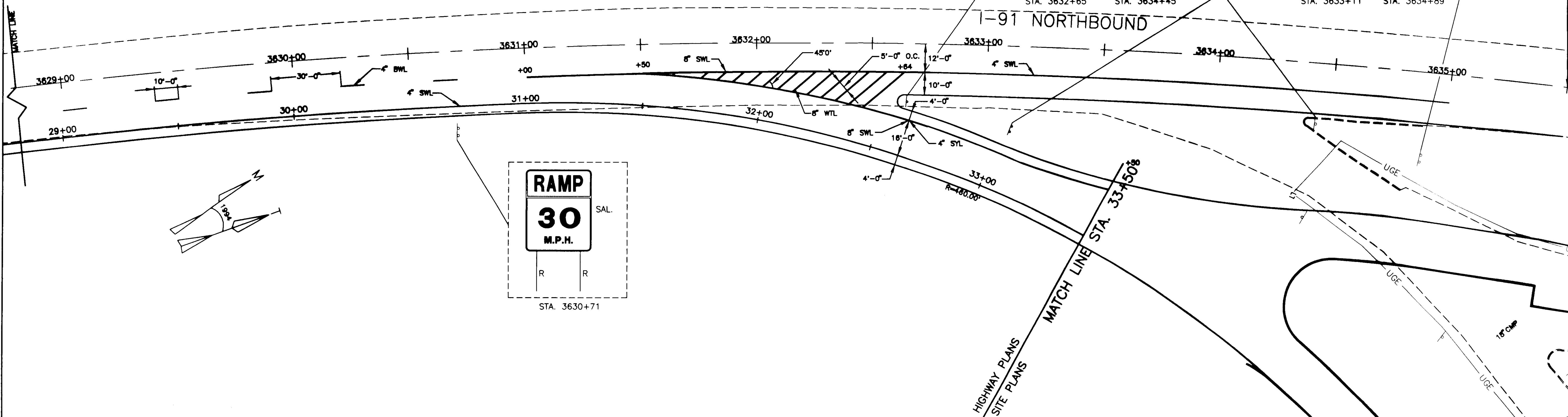
DURABLE 4" WHITE LINE
 STA. 3622+37.70 (12' RT) TO STA. 3622+87.70 (12' RT)
 STA. 3622+87.70 (12' RT) TO STA. 3625+87.70 (24' RT)
 STA. 3625+87.70 (12' RT) TO STA. 3628+37.70 (12' RT) (DASH)
 STA. 3628+37.70 (24' RT) TO STA. 3628+80 (24' RT)
 STA. 3628+80 (12' RT) TO STA. 3631+00 (12' RT) (DASH)
 STA. 3628+80 (24' RT) TO STA. 3633+44 (80' RT)
 STA. 3632+64 (12' RT) TO STA. 3635+50 (12' RT)

DURABLE 8" WHITE LINE
 STA. 3631+00 (12' RT) TO STA. 3632+64 (12' RT)
 STA. 3631+50 (12' RT) TO STA. 3632+64 (35' RT)
DURABLE 4" YELLOW LINE
 STA. 3632+64 (35' RT) TO STA. 3633+54 (60' RT)

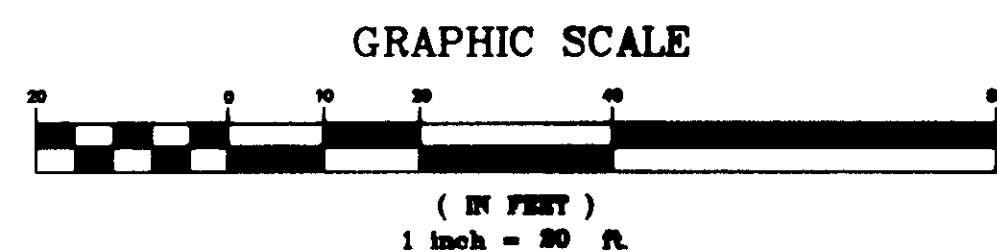
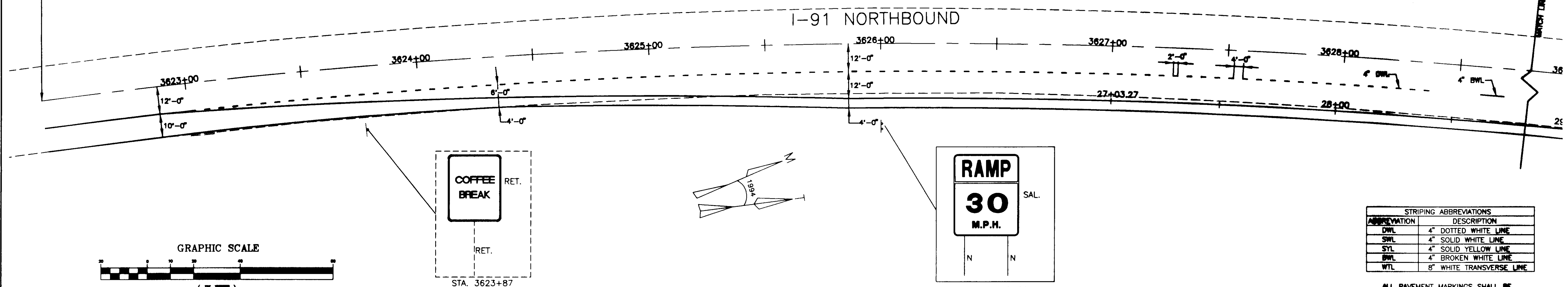
DURABLE 8" TRANSVERSE WHITE LINE
 STA. 3631+50 (12' RT) TO STA. 3631+64 (12' TO 25' RT)



STA. 3635+50
LIMIT OF WORK



STA. 3622+37.70
LIMIT OF WORK



STRIPING ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
DWL	4" DOTTED WHITE LINE
SWL	4" SOLID WHITE LINE
SYL	4" SOLID YELLOW LINE
BWL	4" BROKEN WHITE LINE
WTL	8" WHITE TRANSVERSE LINE

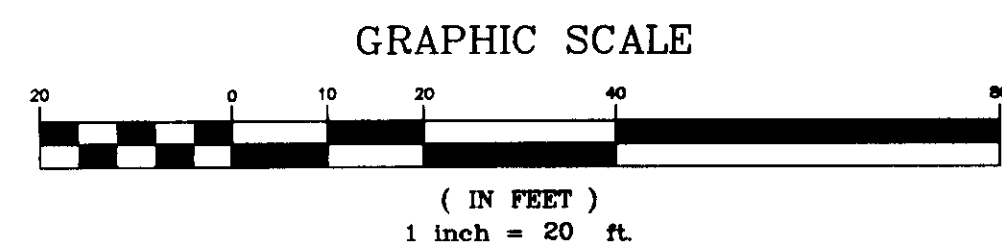
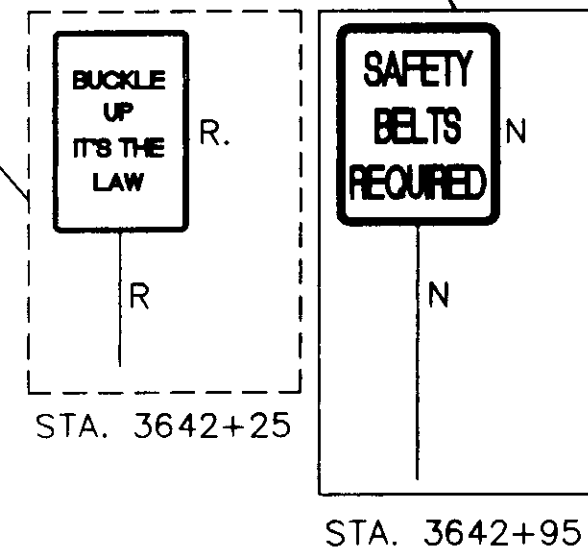
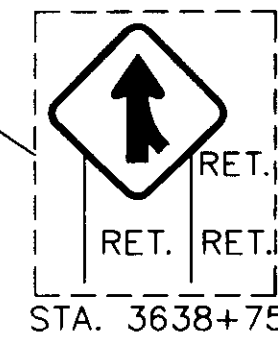
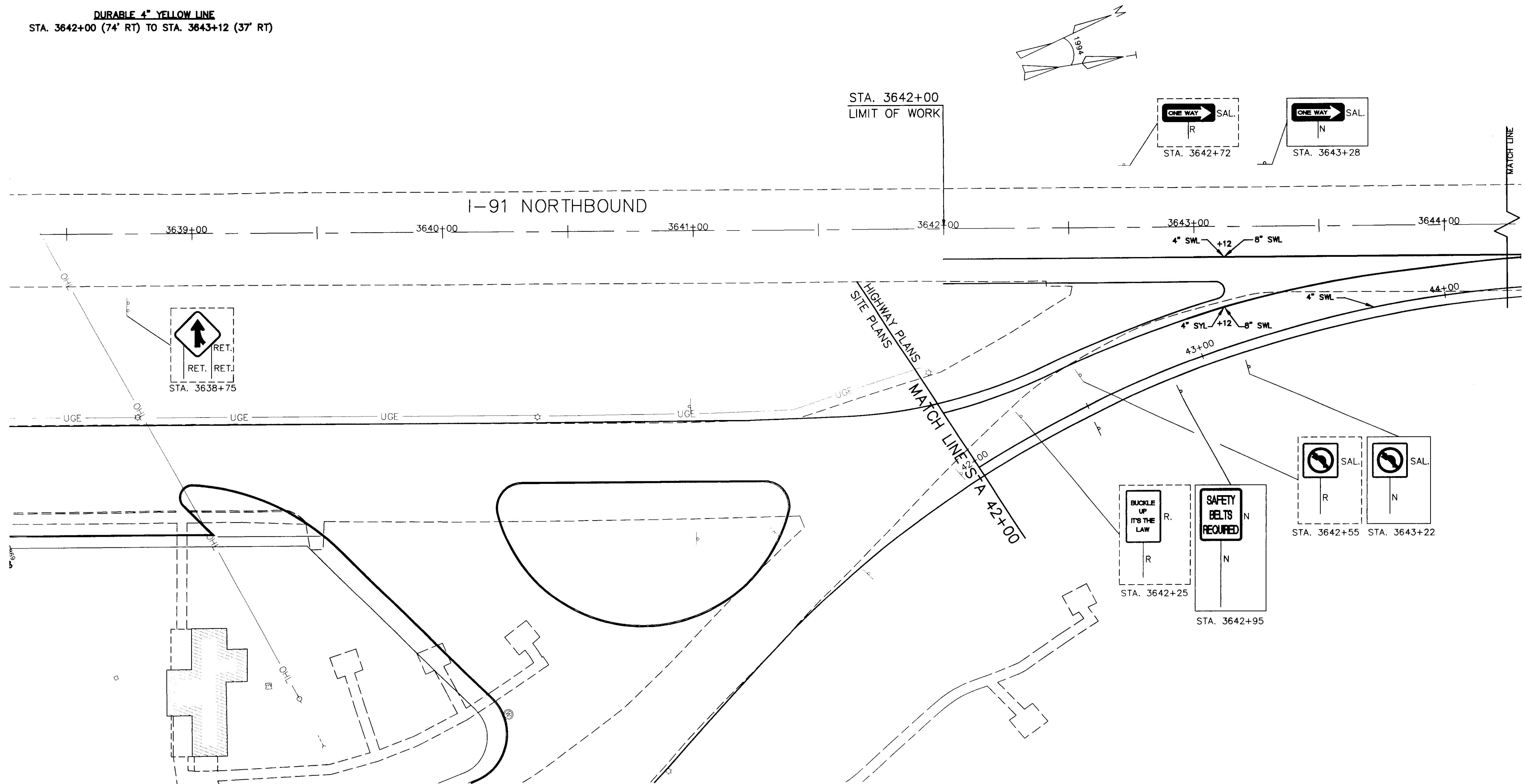
ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

N·B·F Nimitz·Berryhill·Figiel ARCHITECTS P.C. 24 1/2 Center Street, Rutland, Vermont 05701	Steven J. Banik, P.E. STRUCTURAL ENGINEER Cuttingville, Vermont 05738	DuBois & King INC. Highway Design Site Engineering Mechanical and Electrical Engineers	HARTFORD, VT. I-91 INFORMATION CENTERS	NORTHBOUND DECEL SIGNING, LIGHTING, & PAVEMENT MARKING	FINAL PLANS 2/15/96	R32
---	--	---	---	--	------------------------	------------

DURABLE 4" WHITE LINE
STA. 3642+00 (12' RT) TO STA. 3643+12 (12' RT)
STA. 3642+14 (96' RT) TO STA. 3644+25 (25' RT)

DURABLE 8" WHITE LINE
STA. 3643+00 (12' RT) TO STA. 3644+25 (12' RT)
STA. 3643+00 (37' RT) TO STA. 3644+25 (14' RT)

DURABLE 4" YELLOW LINE
STA. 3642+00 (74' RT) TO STA. 3643+12 (37' RT)



STRIPING ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
DWL	4" DOTTED WHITE LINE
SWL	4" SOLID WHITE LINE
SYL	4" SOLID YELLOW LINE
BWL	4" BROKEN WHITE LINE
WTL	8" WHITE TRANSVERSE LINE

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
·Highway Design
·Site Engineering
·Mechanical and
·Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

NORTHBOUND ACCEL.
SIGNING, LIGHTING, &
PAVEMENT MARKING

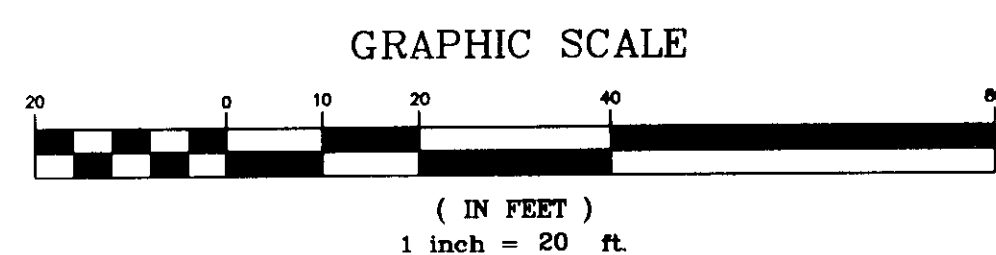
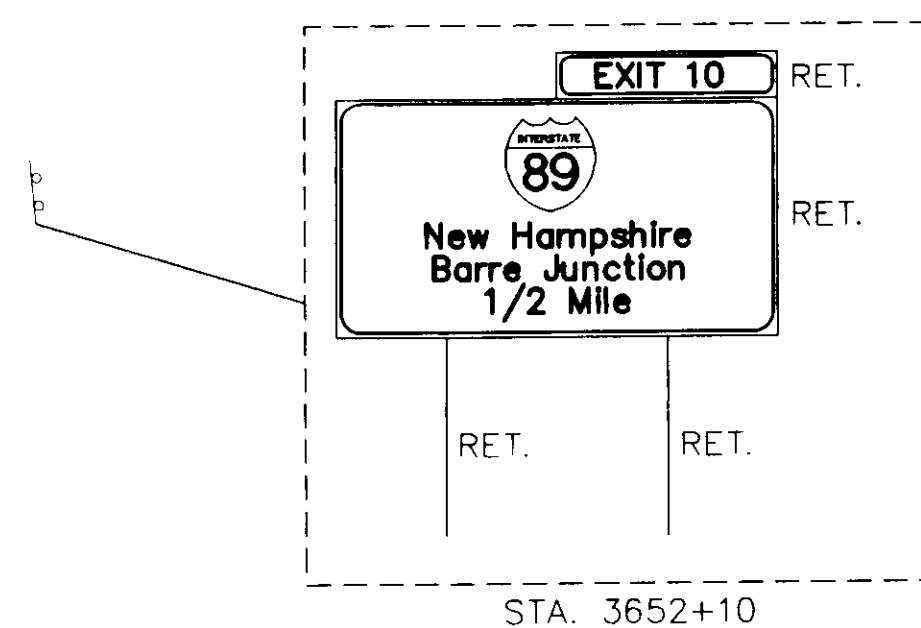
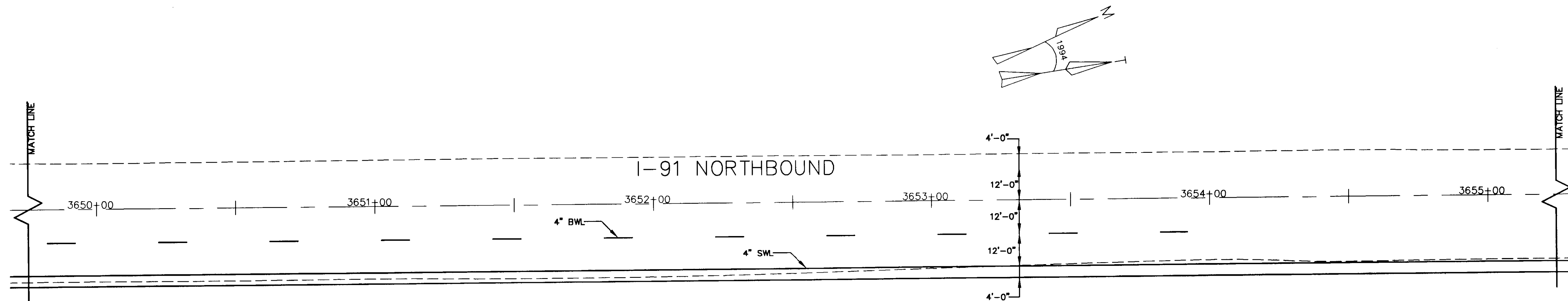
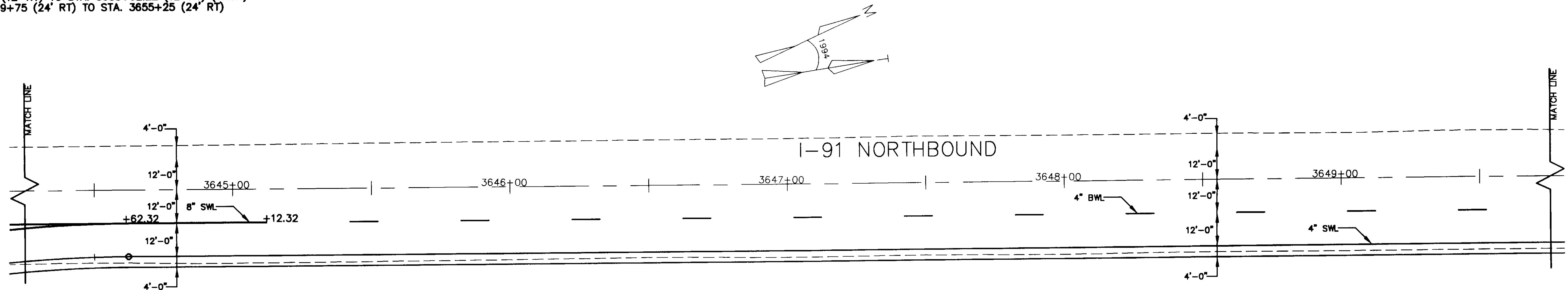
FINAL PLANS
2/15/96

R33

1700 3-15-96
C:\DATA\1700\1700BBL5\1700BBL5.DWG

DURABLE 4" WHITE LINE
STA. 3644+25 (25' RT) TO STA. 3649+75 (24' RT)
STA. 3645+12.32 (12' RT) TO STA. 3649+75 (12' RT) (DASH)
STA. 3649+75 (12' RT) TO STA. 3653+92.22 (12' RT) (DASH)
STA. 3649+75 (24' RT) TO STA. 3655+25 (24' RT)

DURABLE 8" WHITE LINE
STA. 3644+25 (12' RT) TO STA. 3645+12.32 (12' RT)
STA. 3644+25 (13' RT) TO STA. 3644+62.32 (12' RT)



STRIPING ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
DWL	4" DOTTED WHITE LINE
SWL	4" SOLID WHITE LINE
SYL	4" SOLID YELLOW LINE
BWL	4" BROKEN WHITE LINE
WTL	8" WHITE TRANSVERSE LINE

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
·Highway Design
·Site Engineering
·Mechanical and
·Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

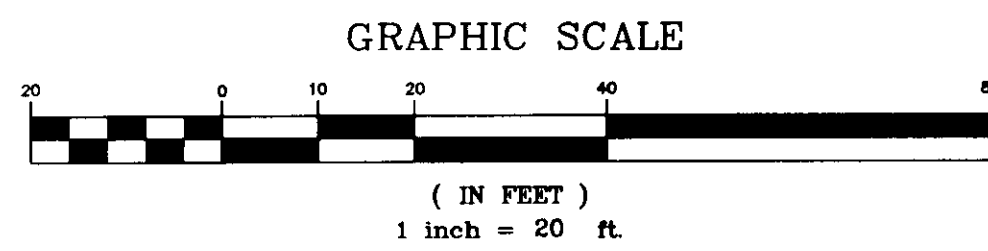
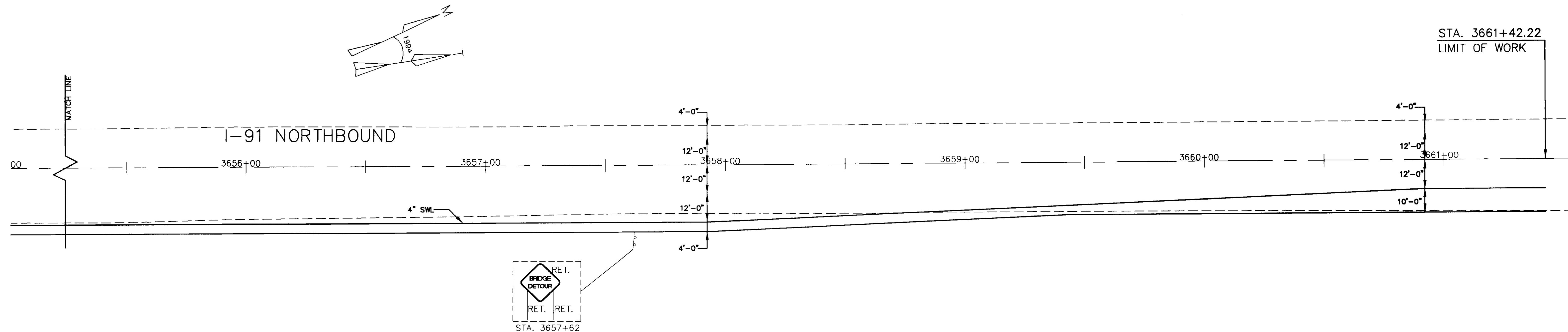
NORTHBOUND ACCEL.
SIGNING, LIGHTING, &
PAVEMENT MARKING

FINAL PLANS

2/15/96

R34

DURABLE 4" WHITE LINE
STA. 3655+25 (24' RT) TO STA. 3657+92.22 (24' RT)
STA. 3657+92.22 (24' RT) TO STA. 3660+92.22 (12' RT)
STA. 3660+92.22 (12' RT) TO STA. 3661+42.22 (12' RT)



STRIPING ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
DWL	4" DOTTED WHITE LINE
SWL	4" SOLID WHITE LINE
SYL	4" SOLID YELLOW LINE
BWL	4" BROKEN WHITE LINE
WTL	8" WHITE TRANSVERSE LINE

ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
·Highway Design
·Site Engineering
·Mechanical and
·Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

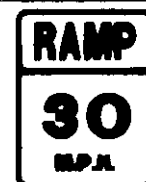
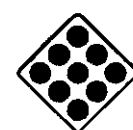
NORTHBOUND ACCEL.
SIGNING, LIGHTING, &
PAVEMENT MARKING

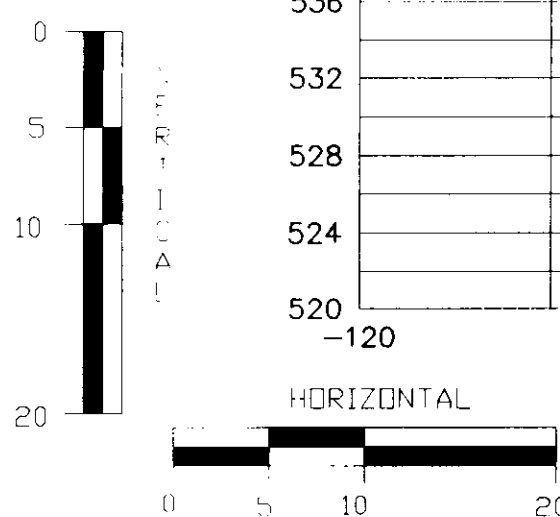
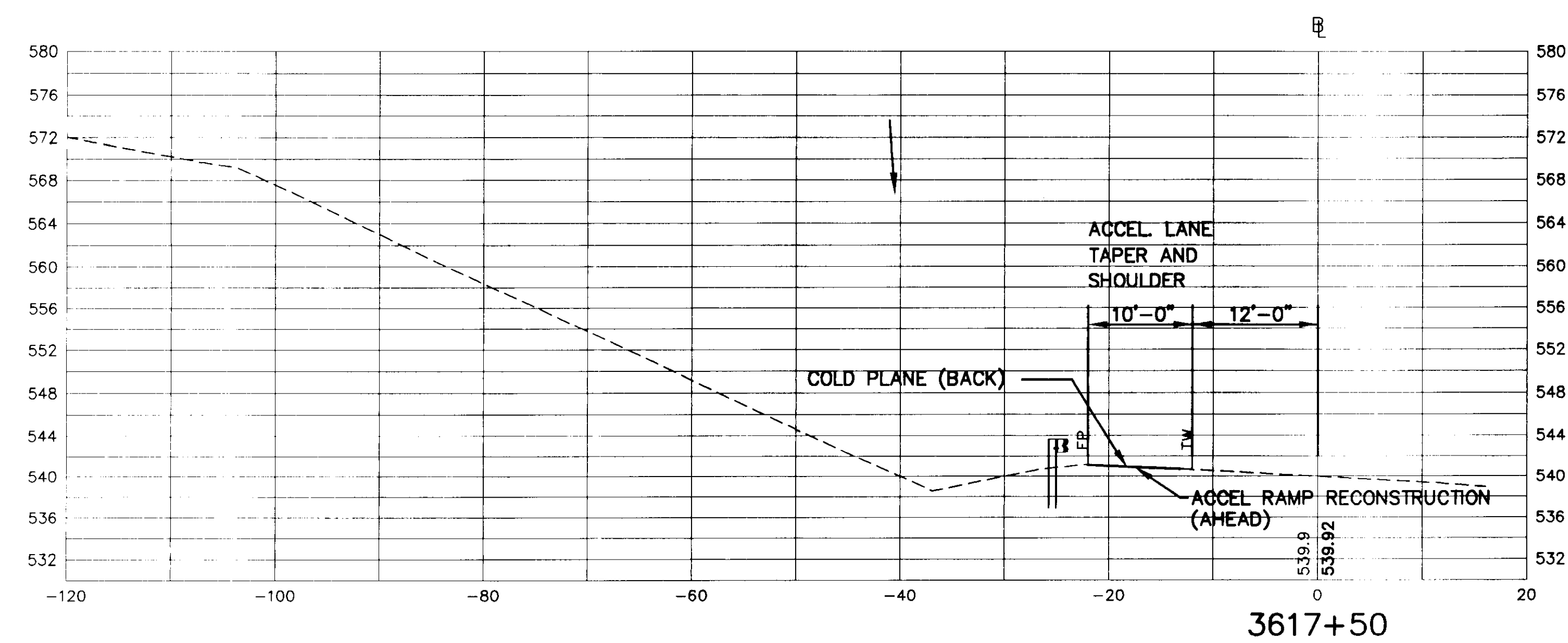
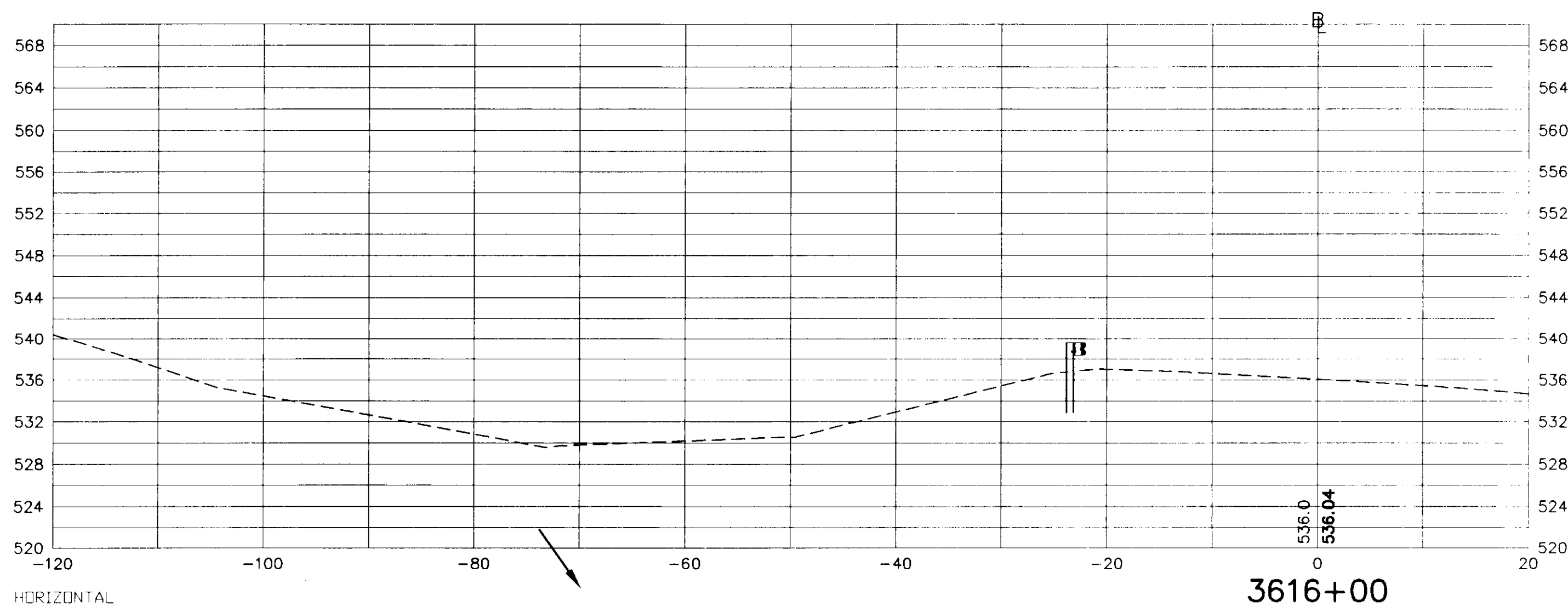
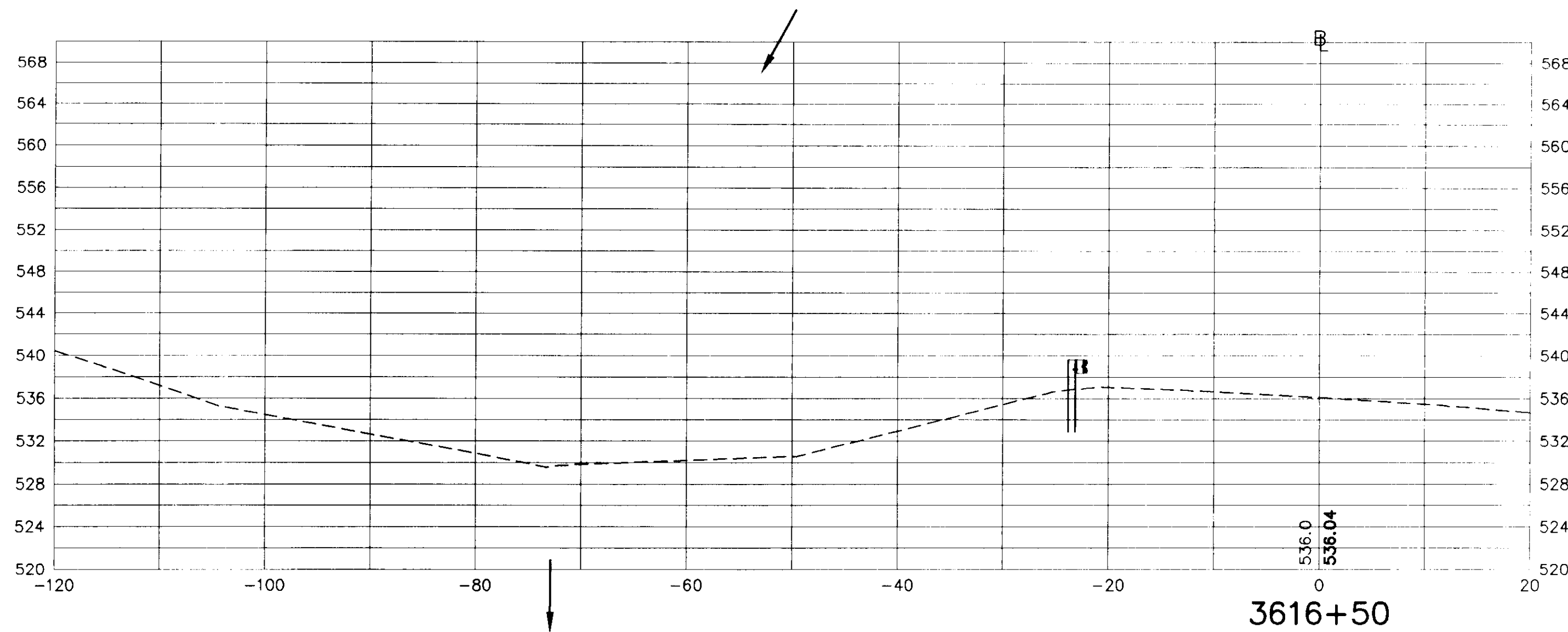
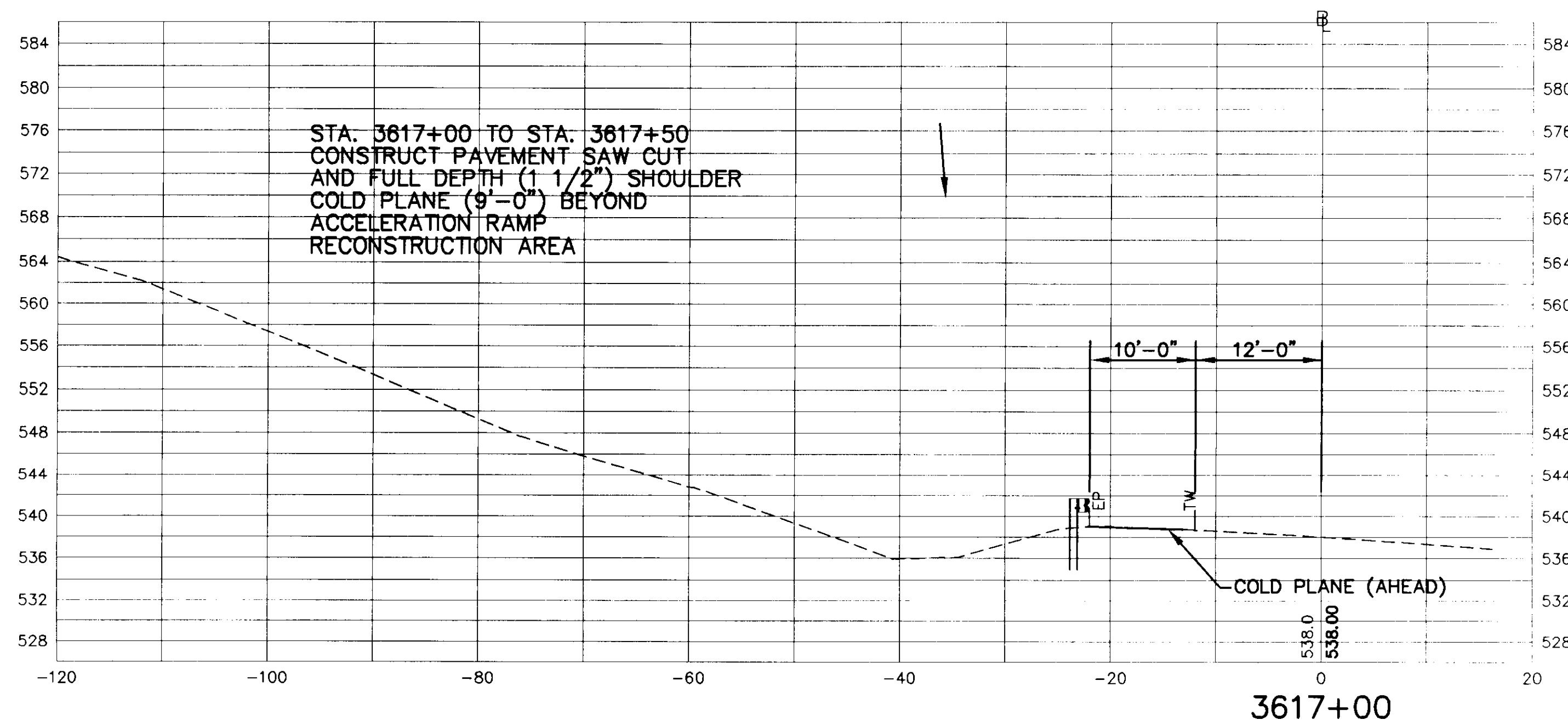
FINAL PLANS

2/15/96

R35

[illegible]

TRAFFIC SIGN SUMMARY SHEET - NORTHBOUND																													
MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS	NEW SIGNS		EXIST. SIGNS			EXIST. POSTS		NO. OF POSTS	NEW SIGN POSTS										REMARKS	SIGN DETAIL							
			"A"	"B"	TO BE SALV.	REMOVE	RETAIN	RET.	SALV.		FLANGED CHANNEL LB./FT.			TUBULAR ALUMINUM		TUBULAR STEEL				W-SHAPE STEEL		FTG. SIZE		SIGN FRAME	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.12	2.0	3.0	3.0"Ø	4.0"Ø	FOUND- ATION	3"Ø	3.5"Ø	4.0"Ø	5.0"Ø		POST SIZE	WEIGHT				24"	30"	
3623+87 27' RT		4' X 5'					X	X																		R32	-		
3626+00 36' RT		4' X 5'								2			14/14													NEW LOCATION OF SALVAGED SIGN	R32	E-150	
3630+70 35' RT		4' X 5'			X																					SIGN TO BE RELOCATED TO 3626+00	R32	E-150	
3632+65 25' RT		1.5' X 1.5'			X																					SIGN TO BE RELOCATED TO 3634+45	R32	E-150	
3633+11 35' RT		6' X 4' 6' X 6'			X X																					SIGNS TO BE RELOCATED TO 3634+89	R32 R32	- E-131	
3634+45 25' RT		1.5' X 1.5'								1	10															NEW LOCATION OF SALVAGED SIGN	R32	E-150	
3634+89 35' RT		6' X 4' 6' X 6'								2					1			19/19								NEW LOCATION OF SALVAGED SIGNS	R32 R32	- E-131	
3638+75 38' RT		4' X 4'					X																				R33	E-150	
3642+25 75' RT		2' X 3'				X																					R33	-	
3642+55 60' RT		2' X 2'			X																					SIGN TO BE RELOCATED TO 3643+22	R33	E-143	
3642+72 25' LT		3' X 1'			X																					SIGN TO BE RELOCATED TO 3643+28	R33	E-142	
3642+95 66' RT		2' X 2.5'	5							1			14														R33	-	
3643+22 57' RT		2' X 2'								1			15													NEW LOCATION OF SALVAGED SIGN	R33	E-143	
3643+28 25' LT		3' X 1'								1		13														NEW LOCATION OF SALVAGED SIGN	R33	E-142	
3652+10 55' RT		11.5' X 2.5' 23' X 12.5'					X	X																			R34	-	
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S " SIGN POST DESIGN GUIDELINE ".			SF.	SF.		EA.		EA.	EA.		LBS. 11	LBS. 26	LBS. 171	LBS.	LBS.	EA.	LBS.	LBS.	LBS. 410	LBS.		LBS.	EA.	EA.		TRAFFIC SIGN		PREPARED BY <u>JCL</u> DATE <u>2/14/96</u> CHECKED BY _____ DATE _____ DESIGN SUPERVISOR _____ PROJECT <u>HARTFORD, VT. I-91</u> INFORMATION CENTERS PROJECT NO. <u>N12688L5</u> SIGN SUMMARY SHEET NO. <u>2</u> OF <u>2</u> SHEET <u>R37</u>	
TOTALS			5			5							208			1			410										



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
·Highway Design
·Site Engineering
·Mechanical and
·Electrical Engineers

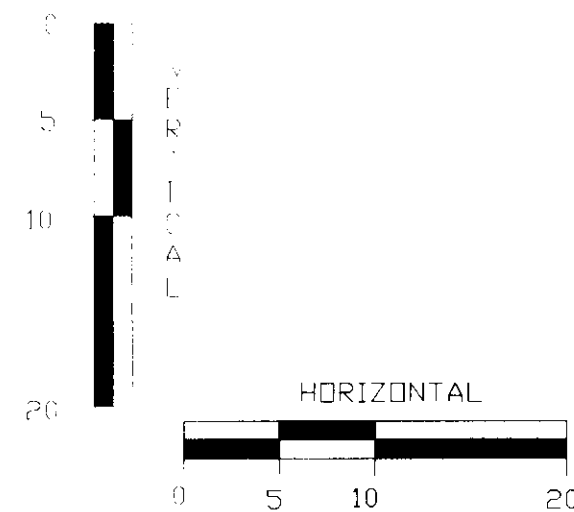
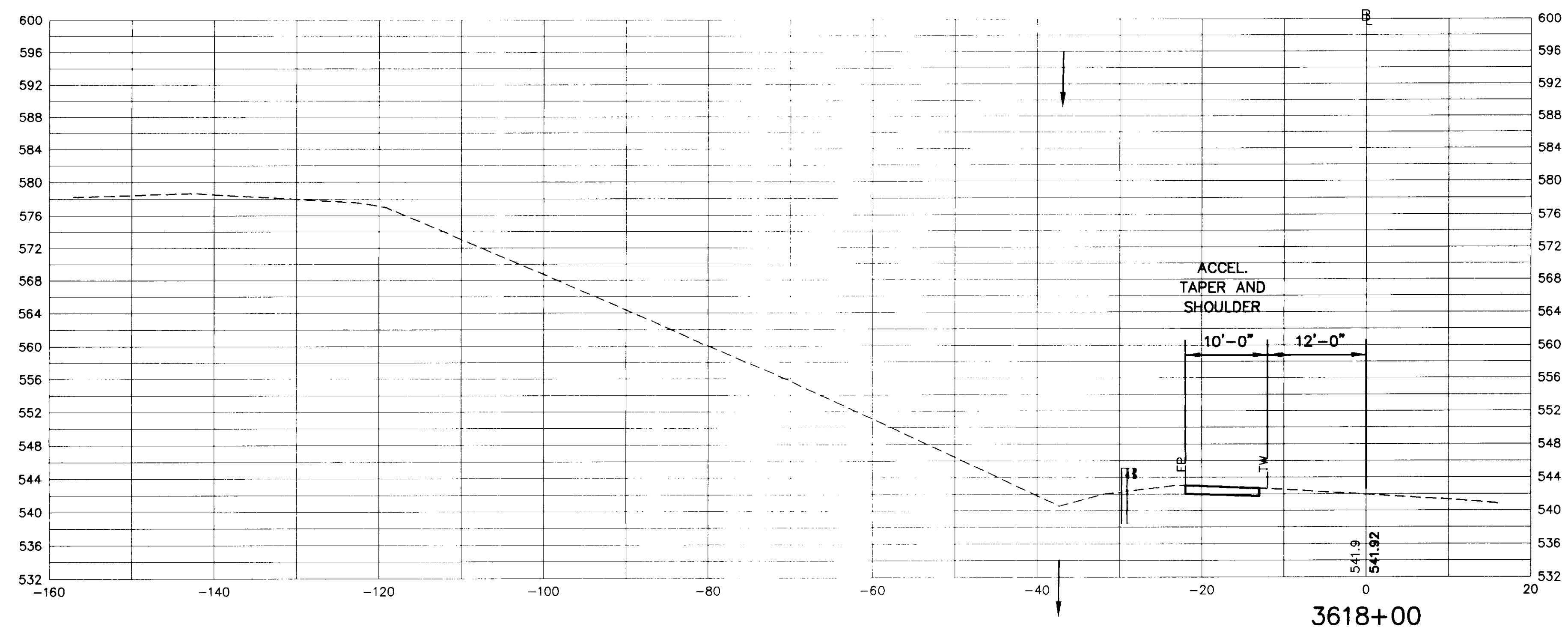
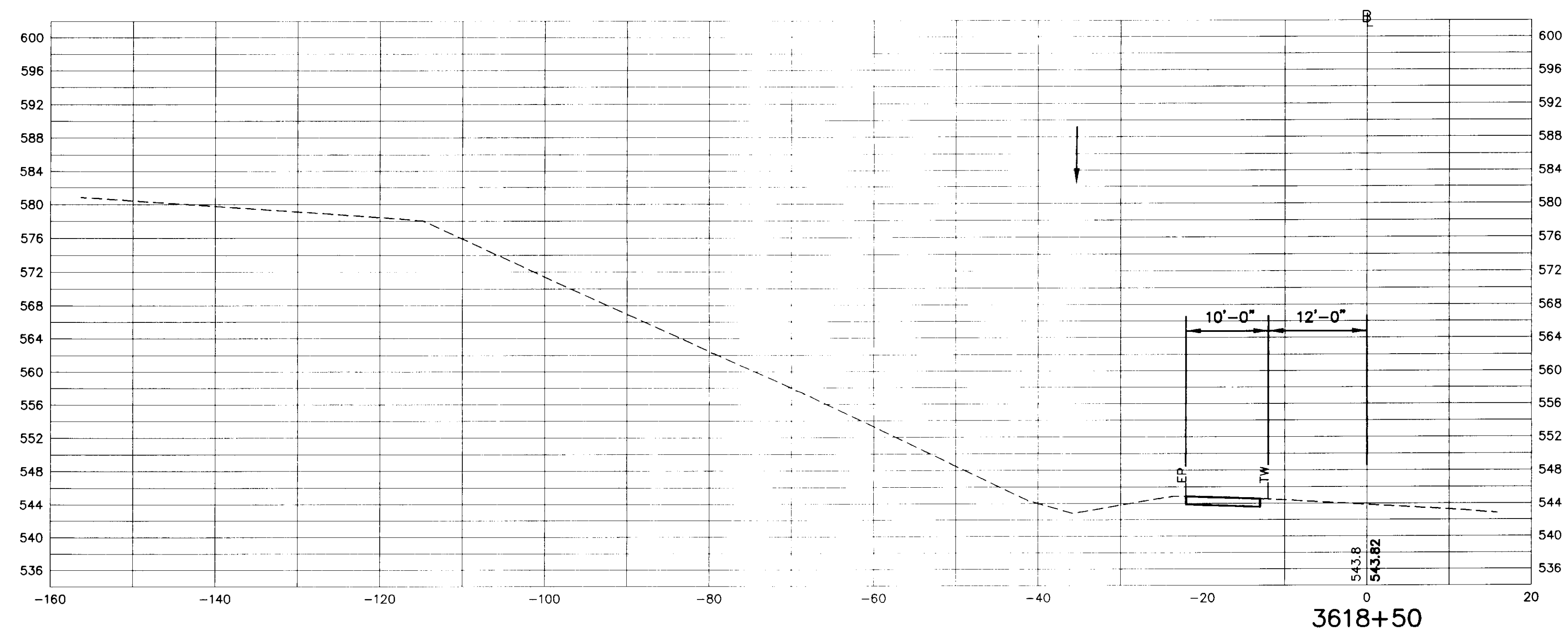
HARTFORD, VT. I-91
INFORMATION CENTERS

SOUTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R38



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

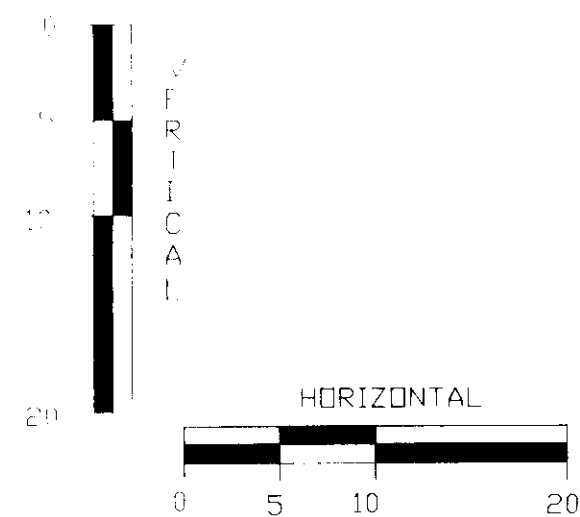
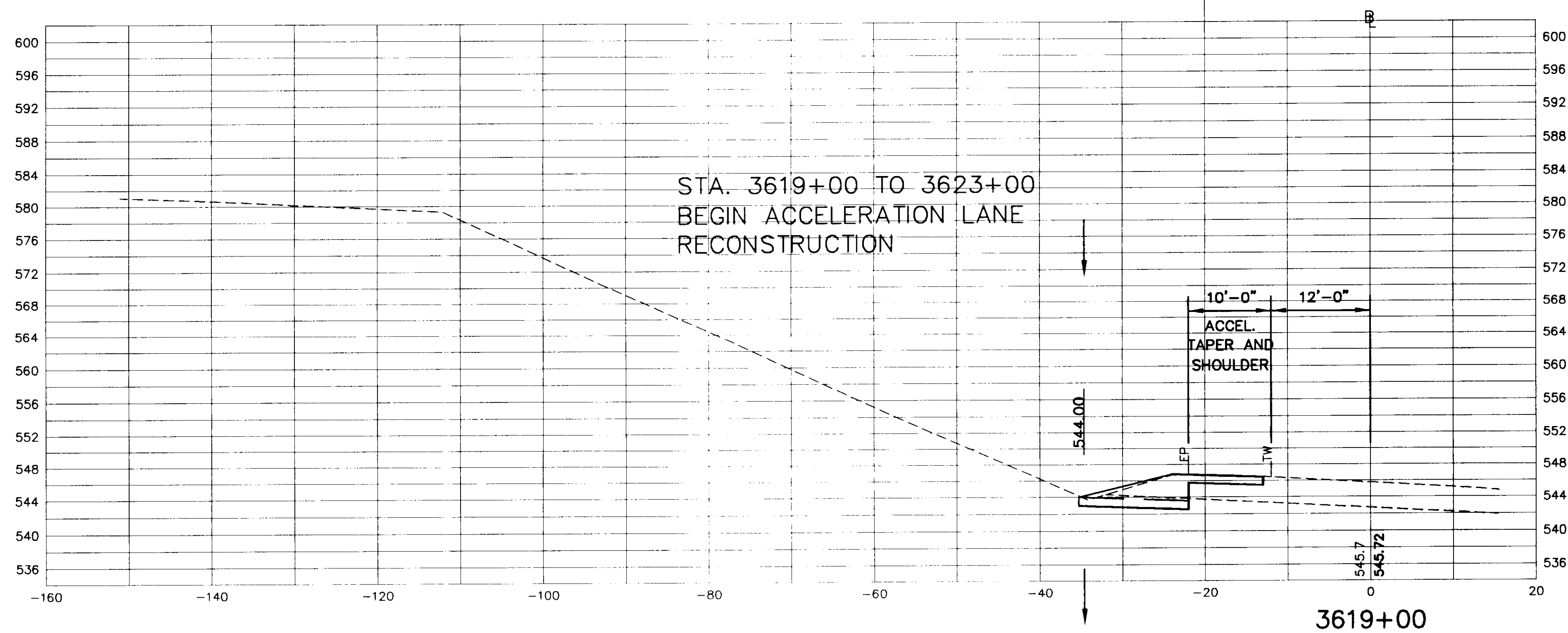
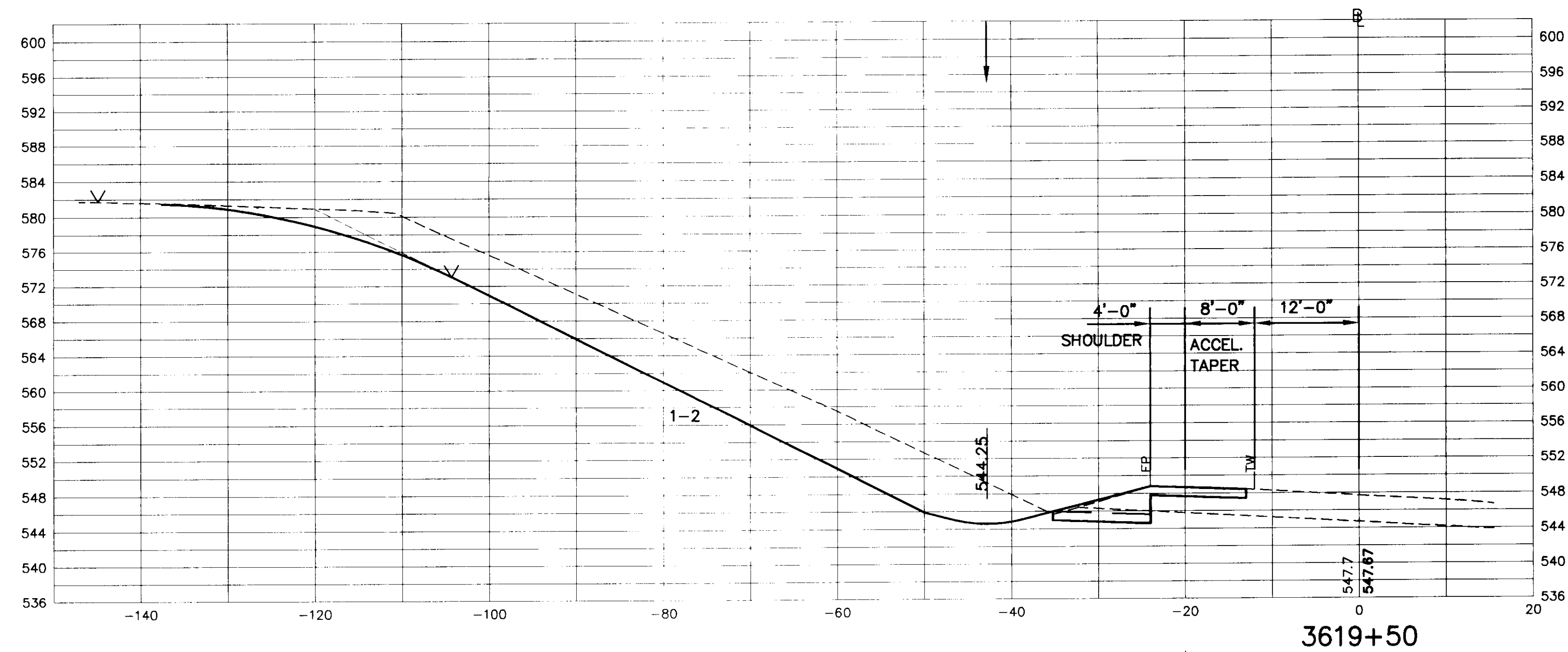
SOUTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R39

N-184



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
• Highway Design
• Site Engineering
• Mechanical and
• Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

SOUTHBOUND
CROSS SECTIONS

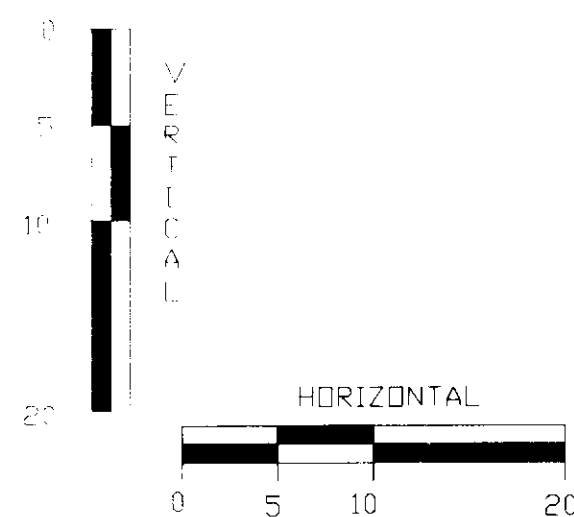
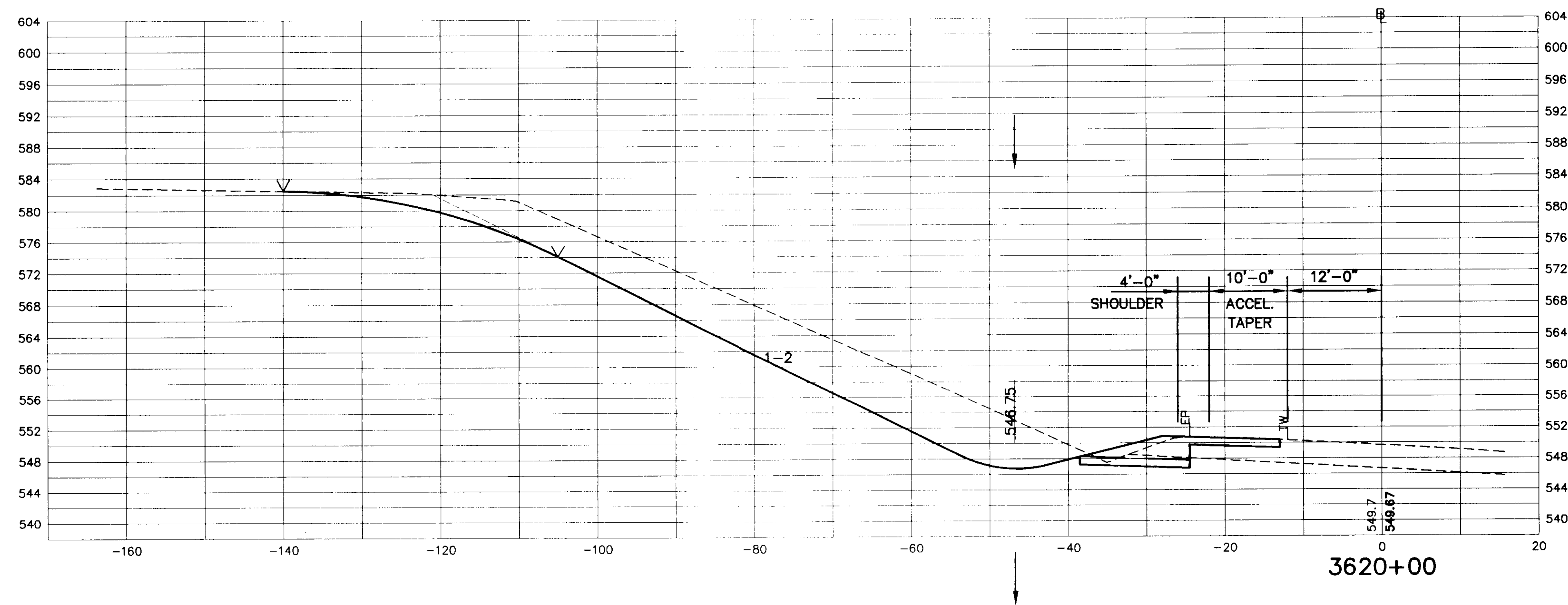
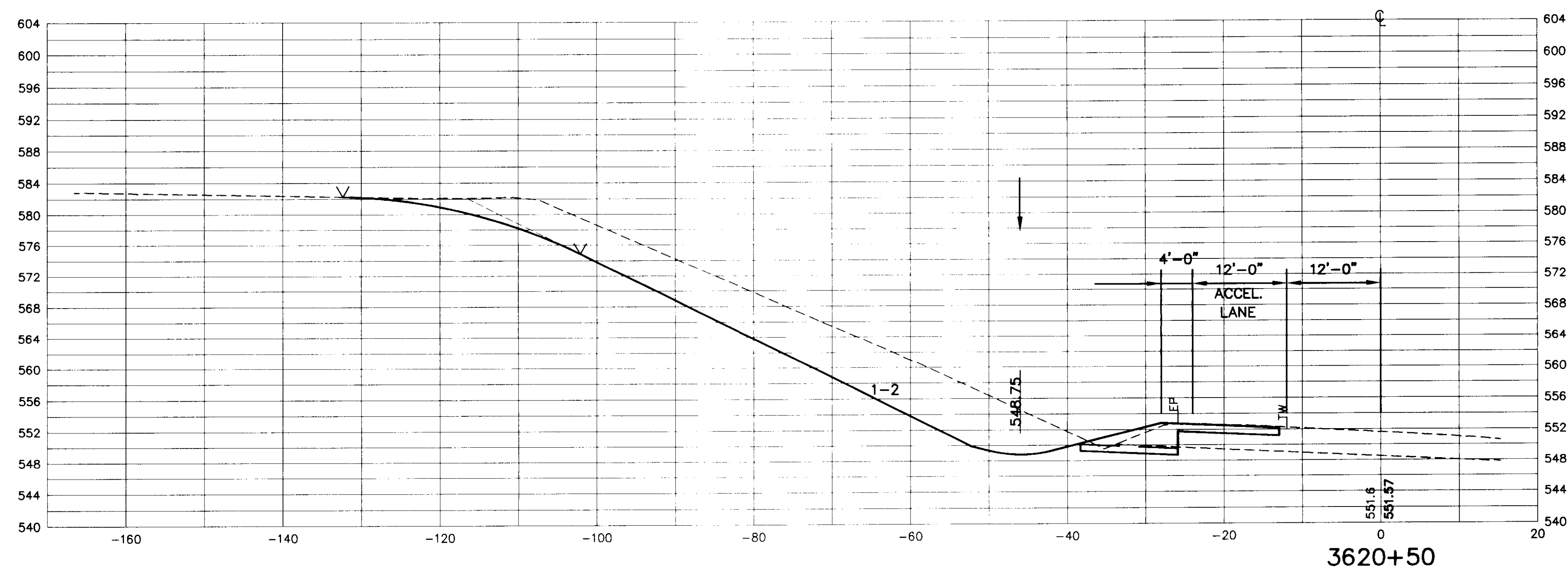
FINAL PLANS

2/15/96

R40

N-185

2003-15-96
C:\DATA\14266615\SENSECT.dwg Mar 13 12:50:18 1996



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

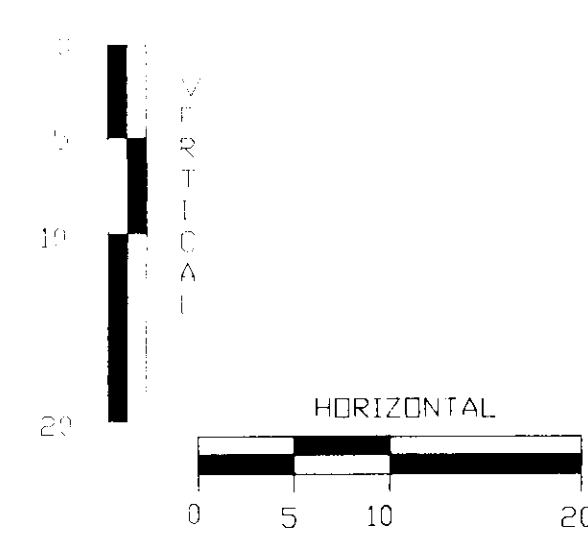
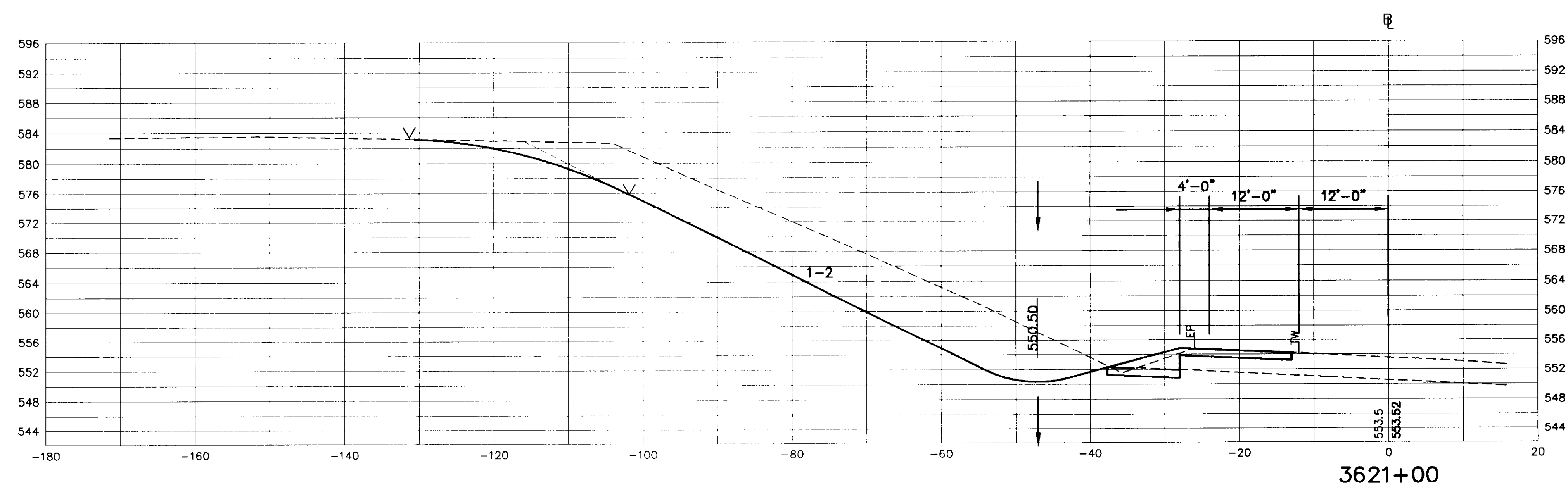
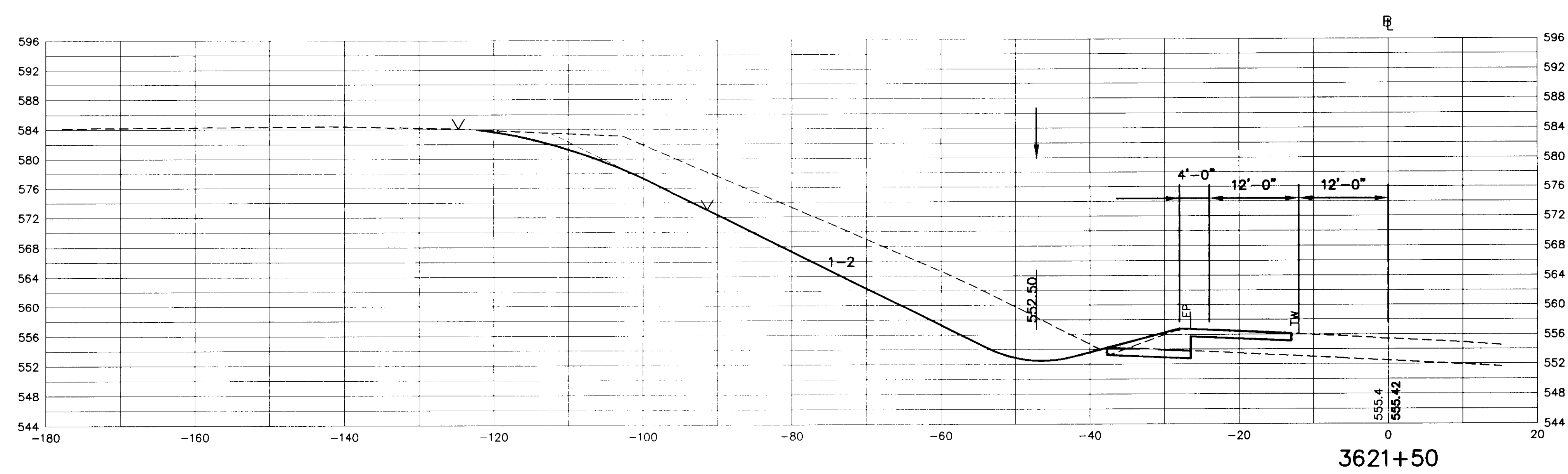
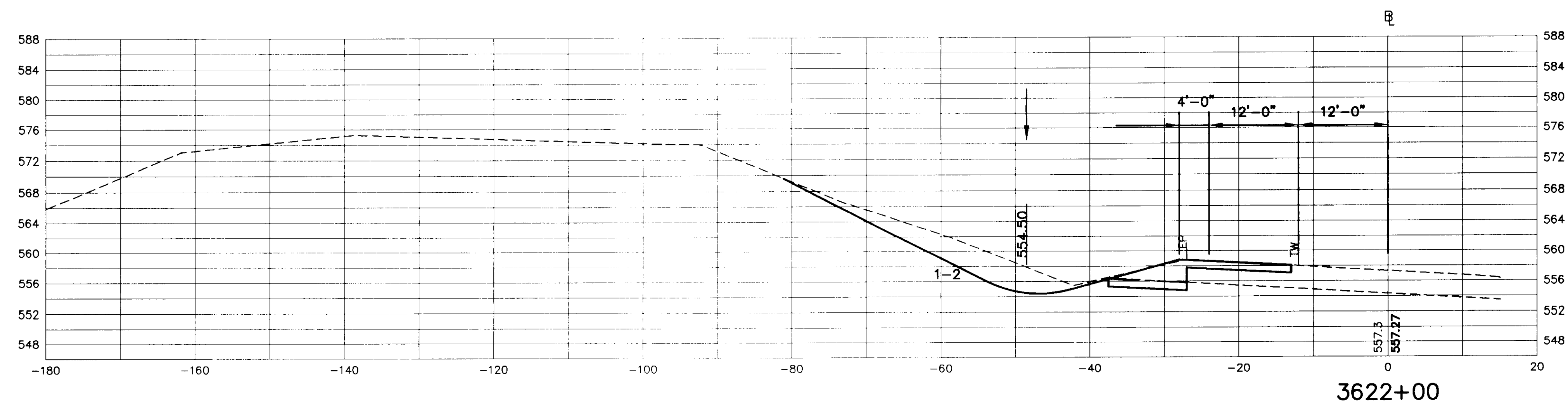
SOUTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R41

N-186



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

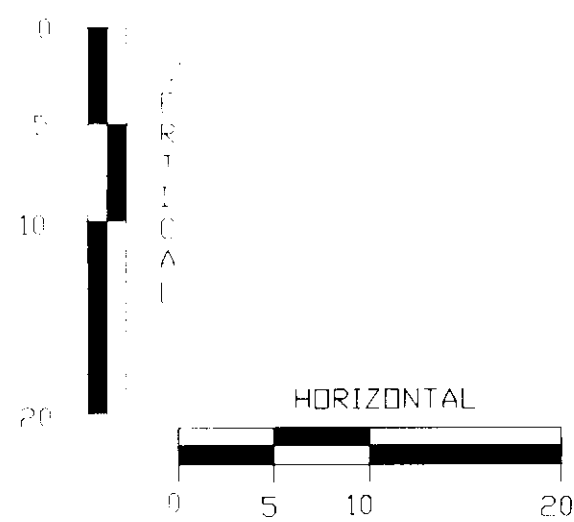
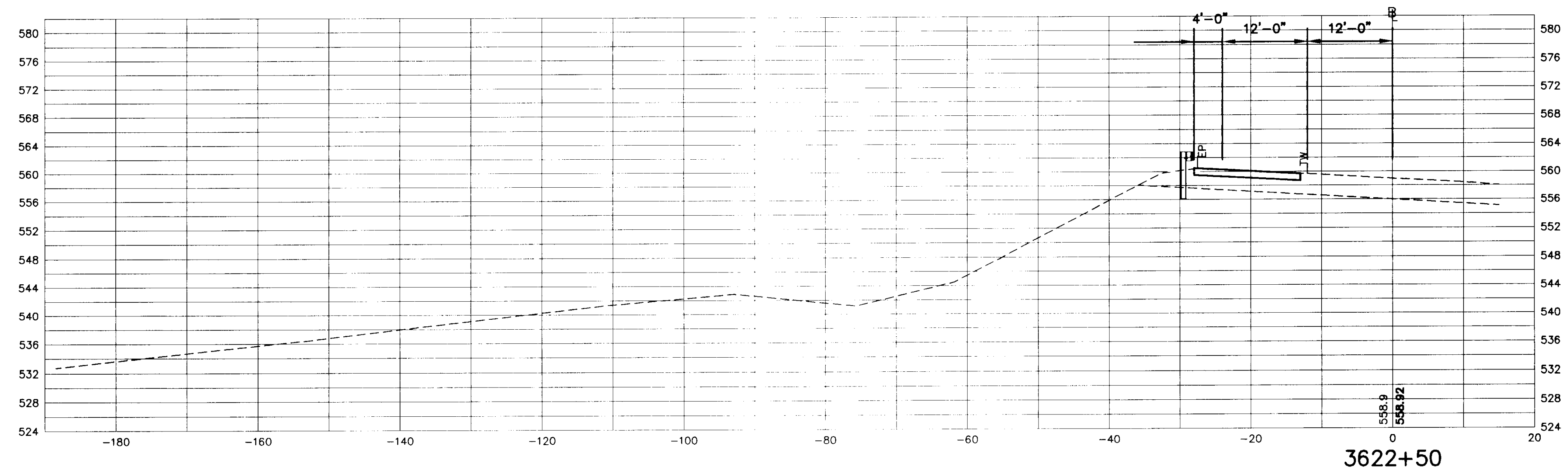
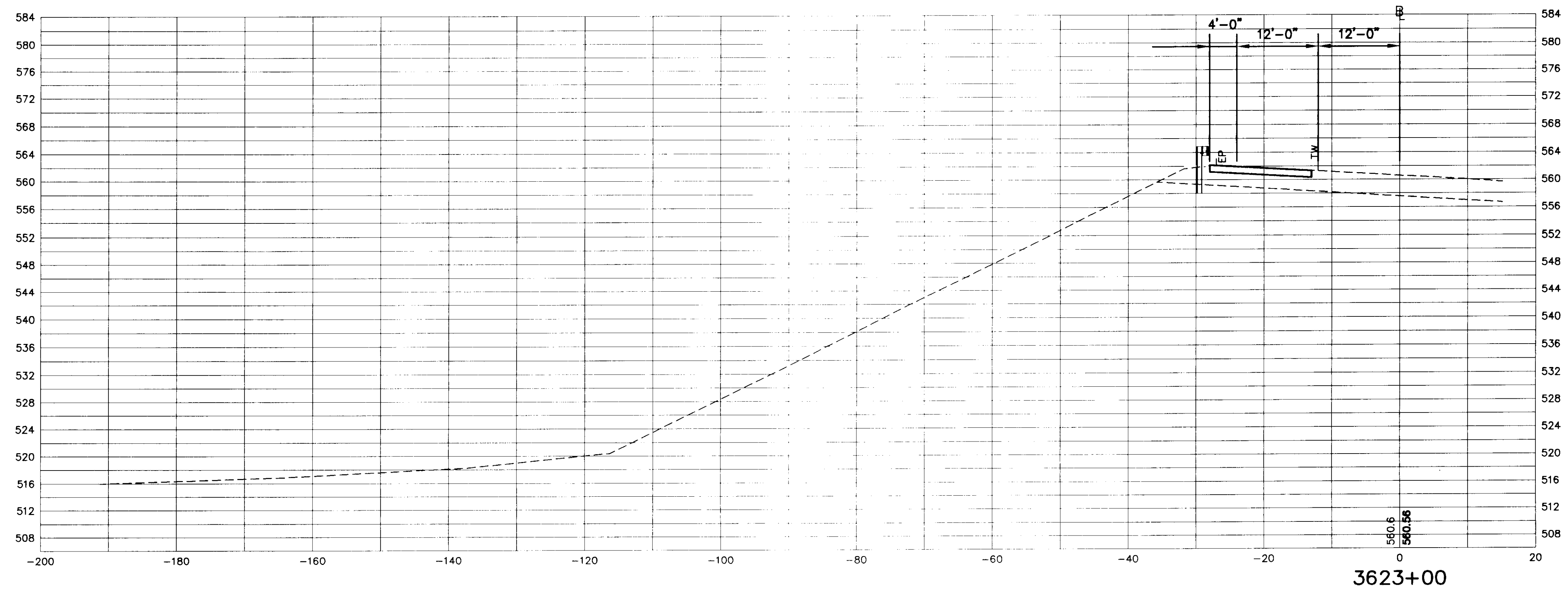
HARTFORD, VT. I-91
INFORMATION CENTERS

SOUTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R42



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
·Highway Design
·Site Engineering
·Mechanical and
·Electrical Engineers

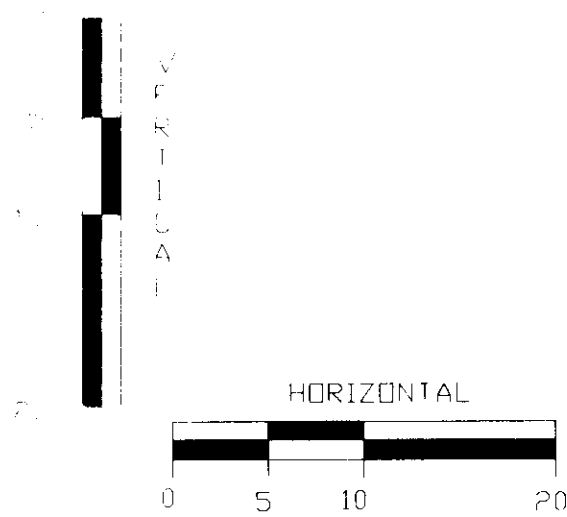
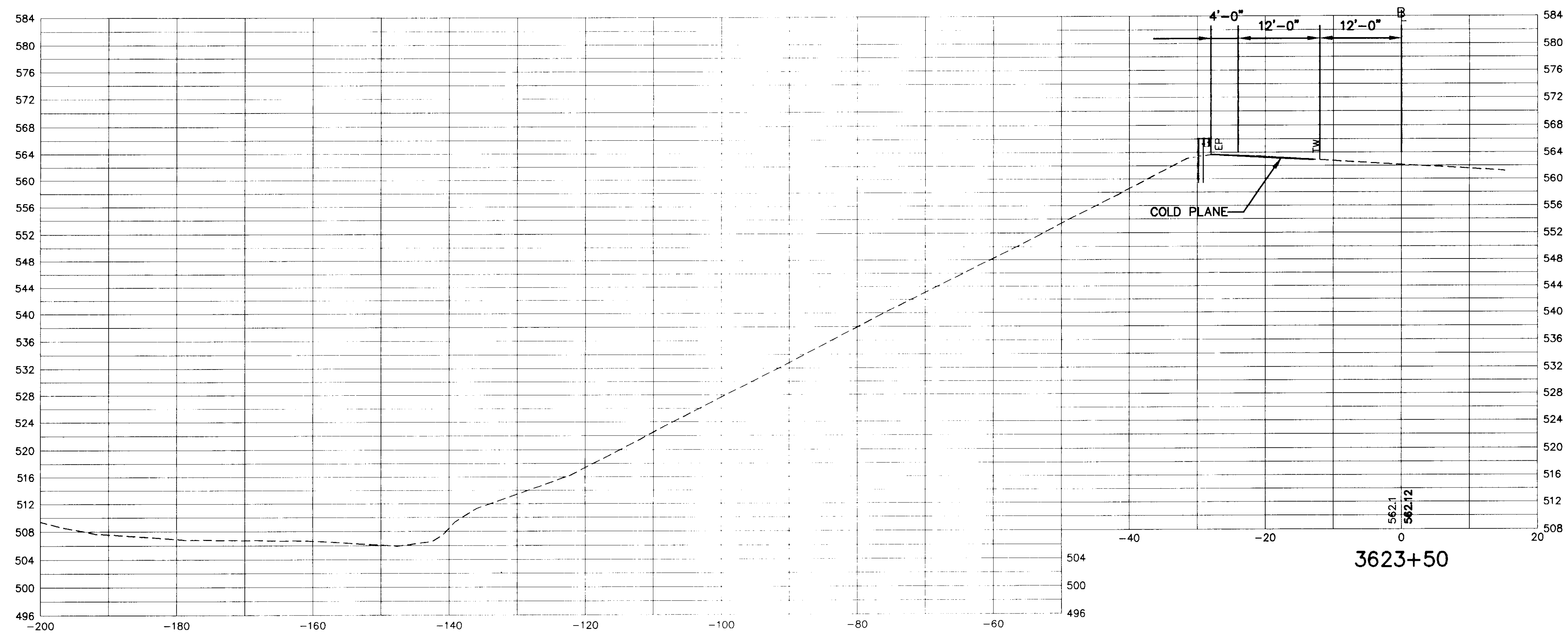
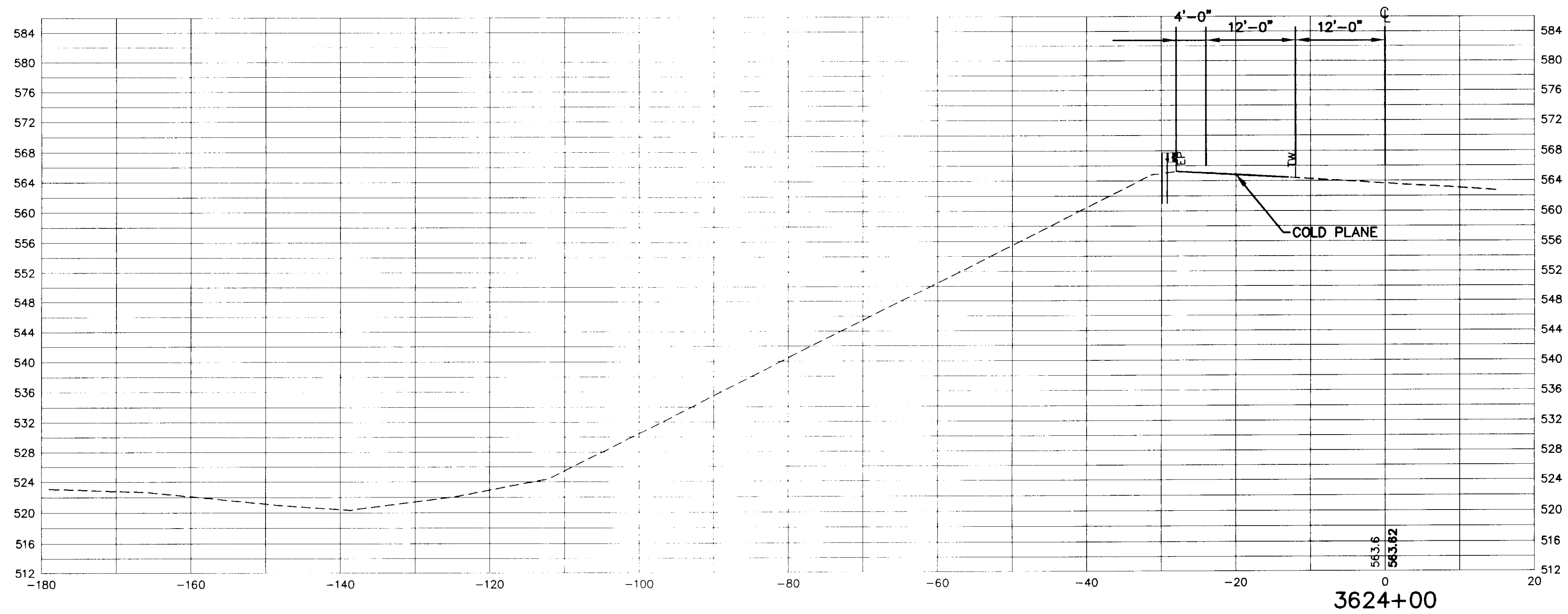
HARTFORD, VT. I-91
INFORMATION CENTERS

SOUTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R43



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

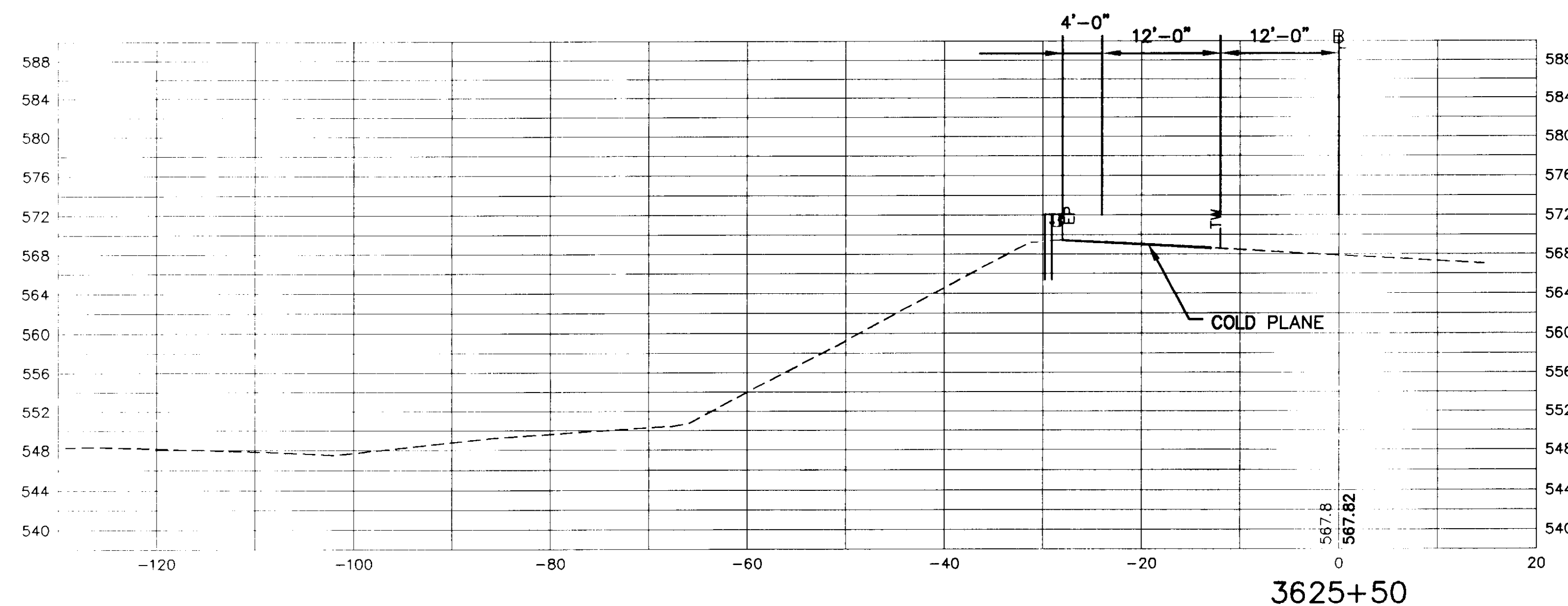
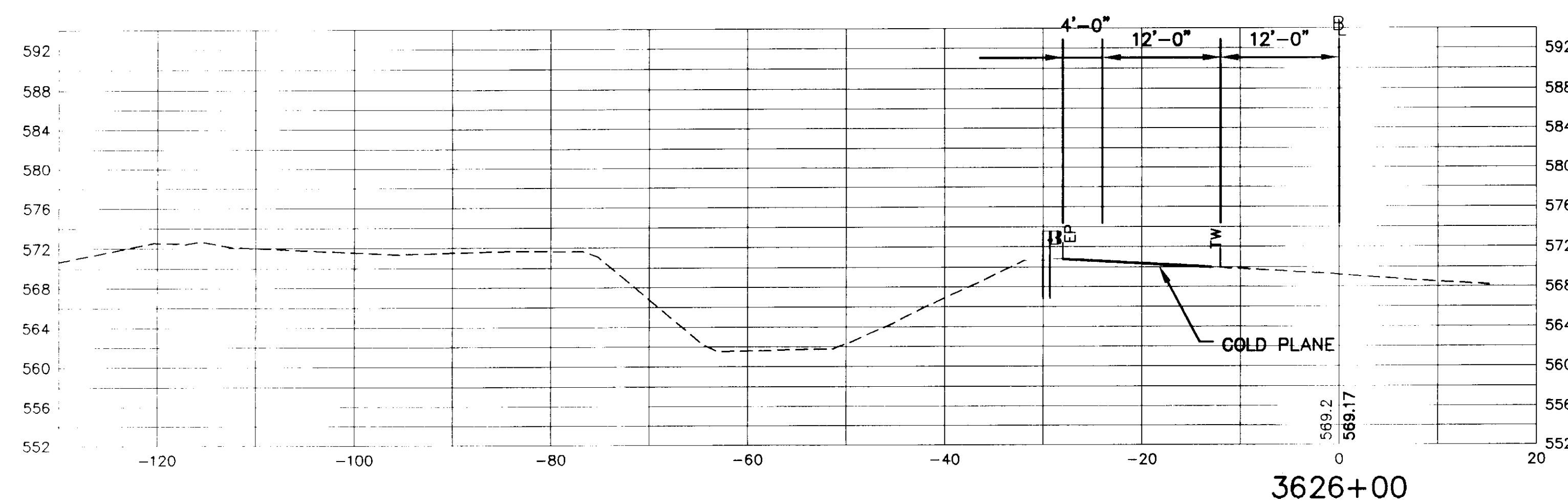
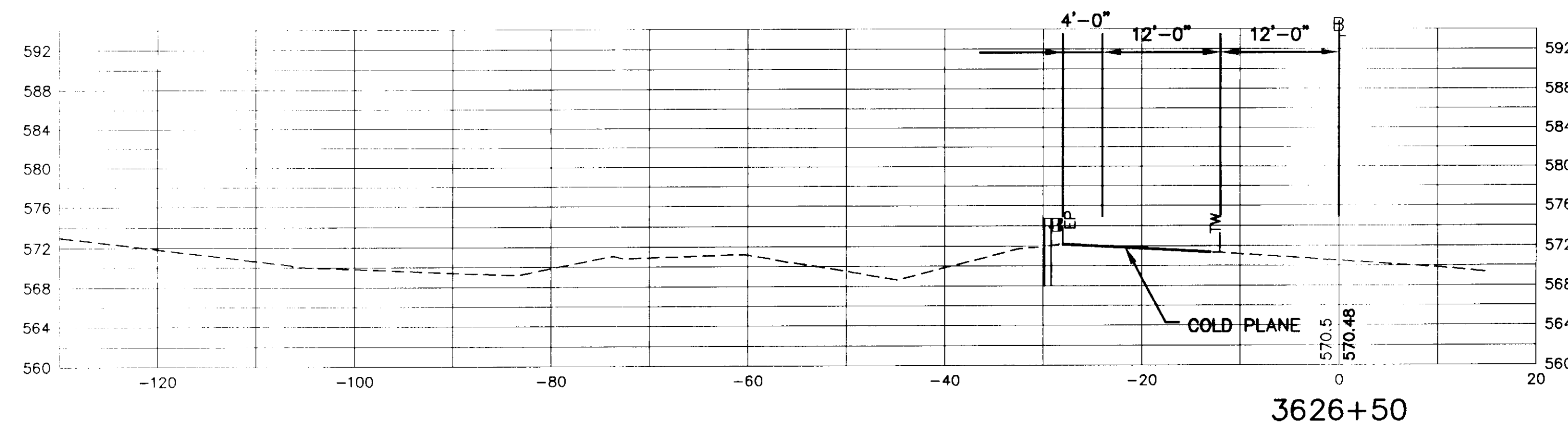
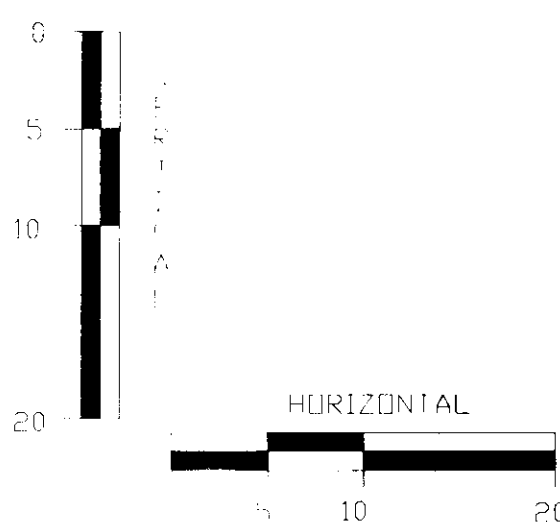
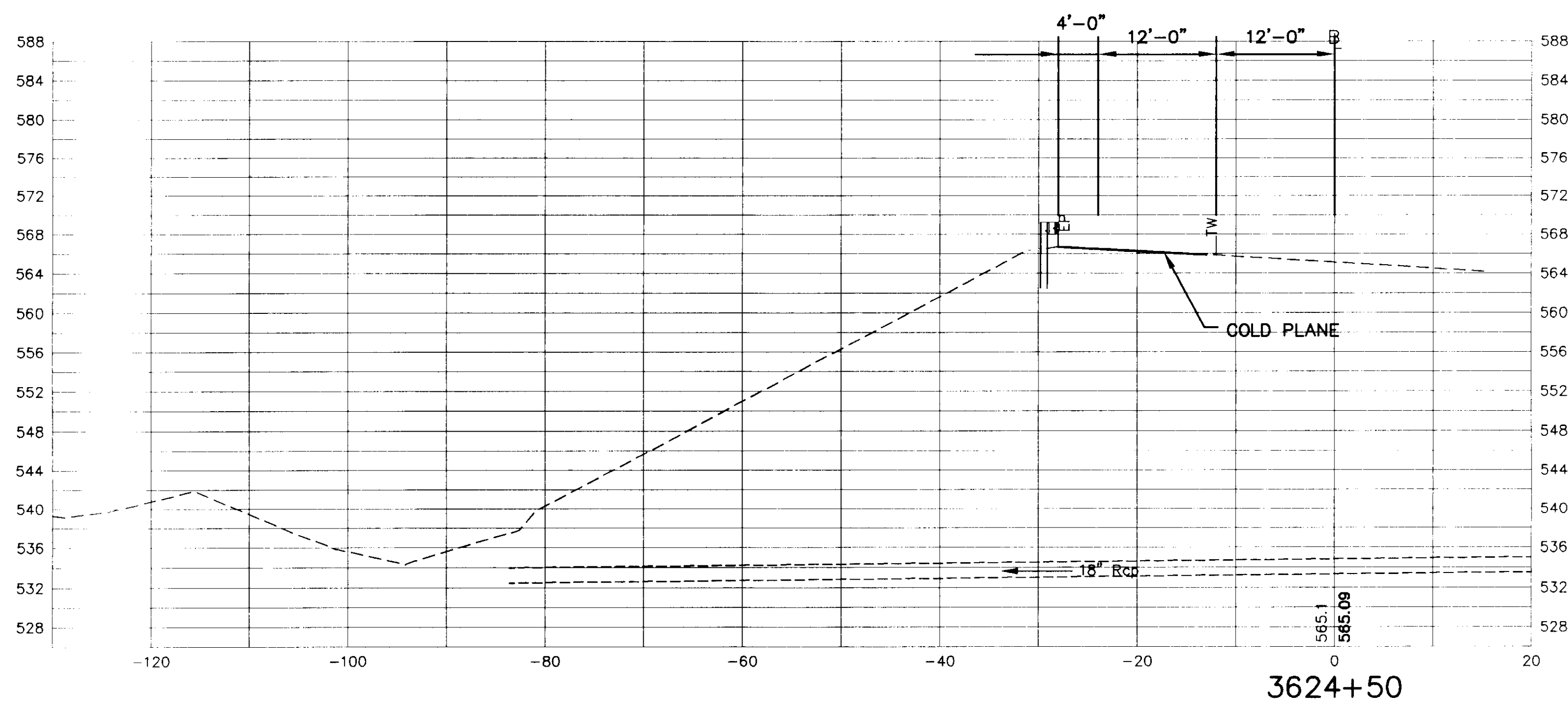
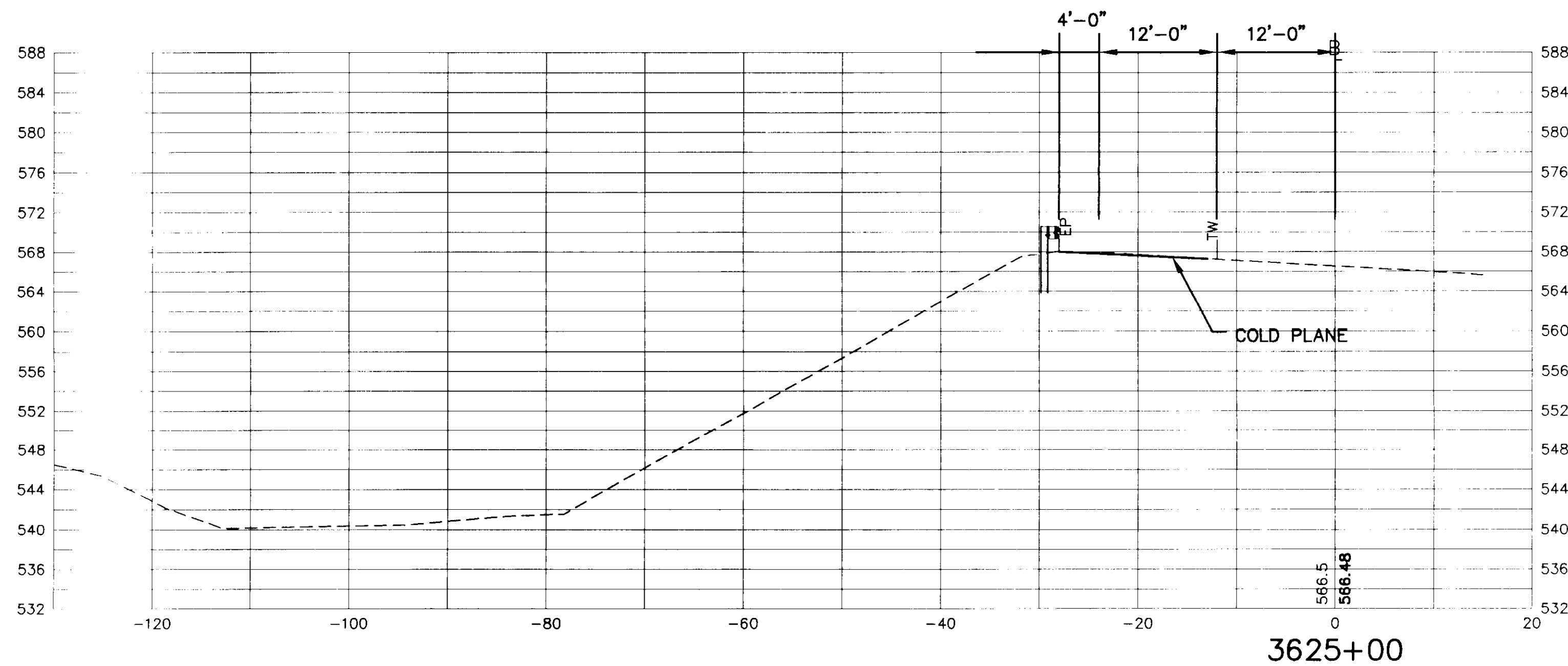
DuBois & King inc.
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

SOUTHBOUND
CROSS SECTIONS

FINAL PLANS
2/15/96

R44



N·B·F
Nimtze Berryhill Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

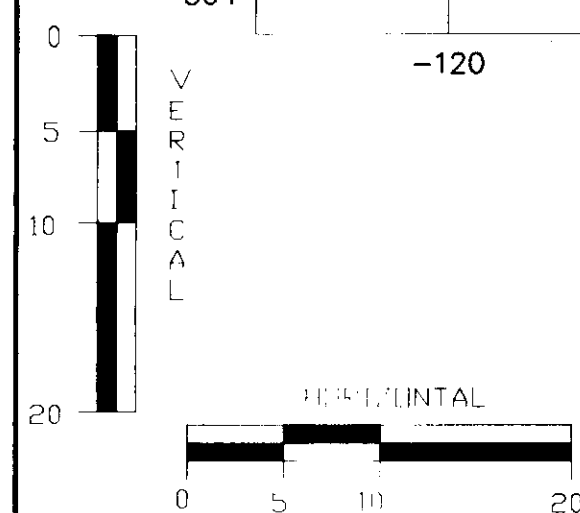
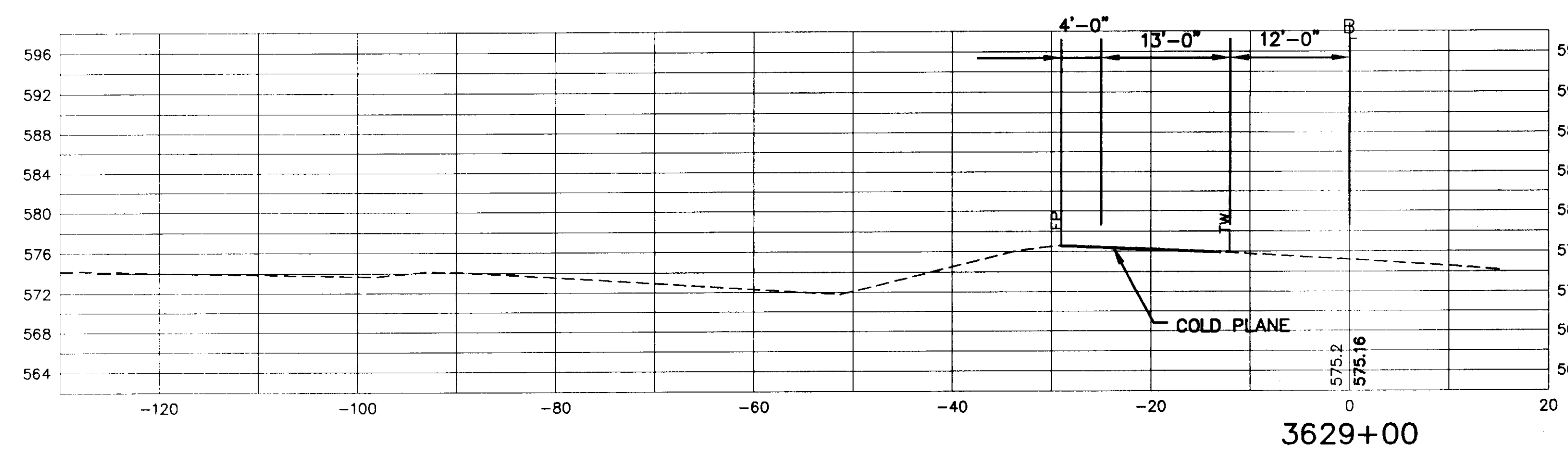
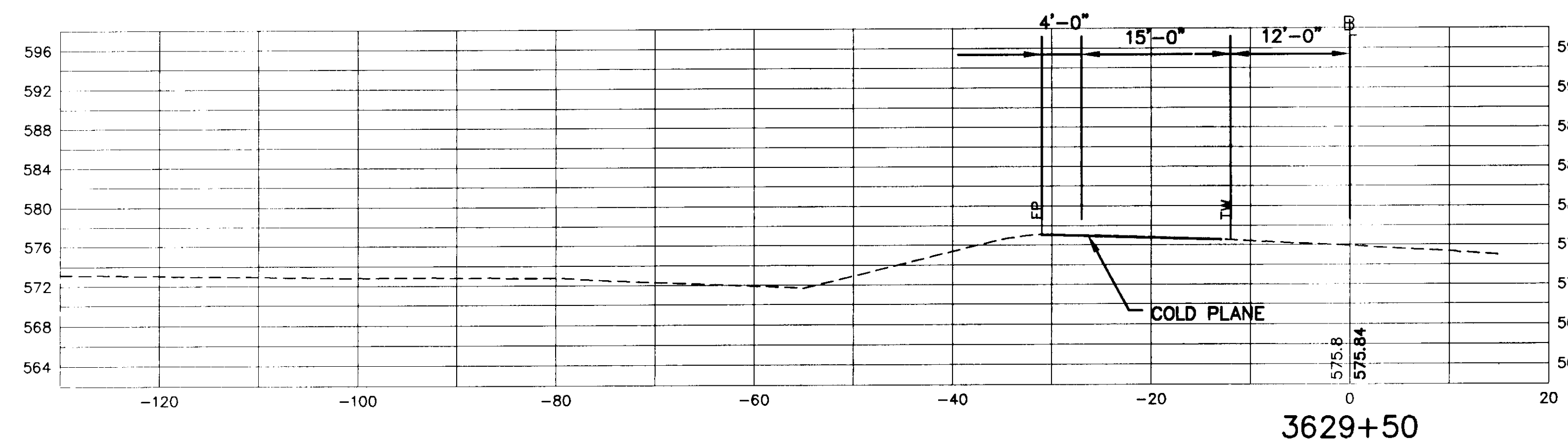
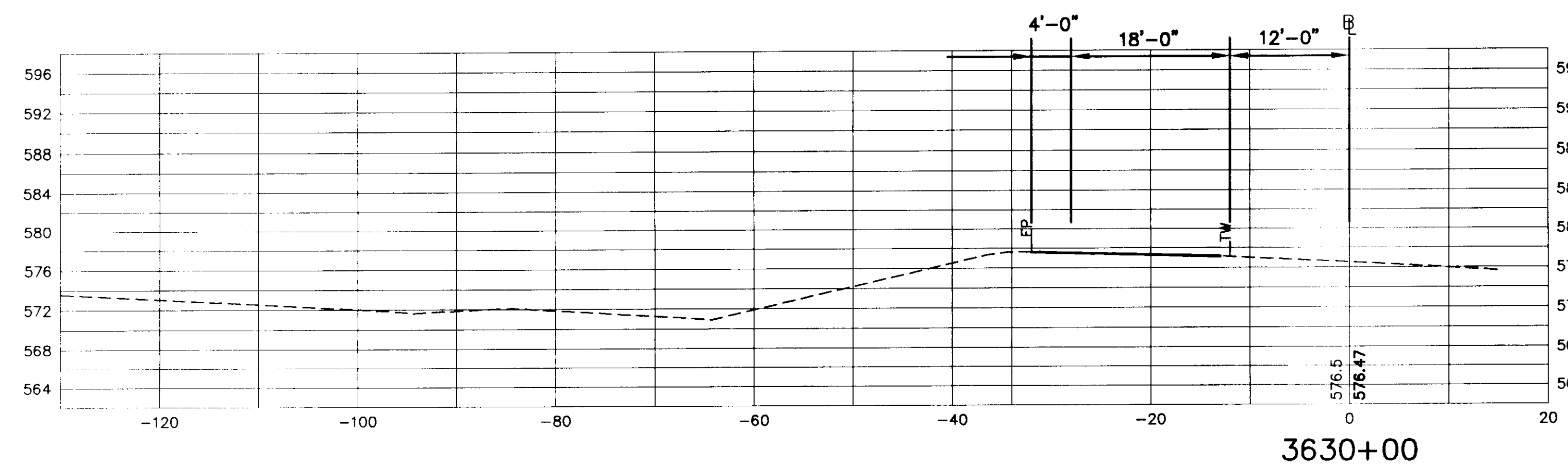
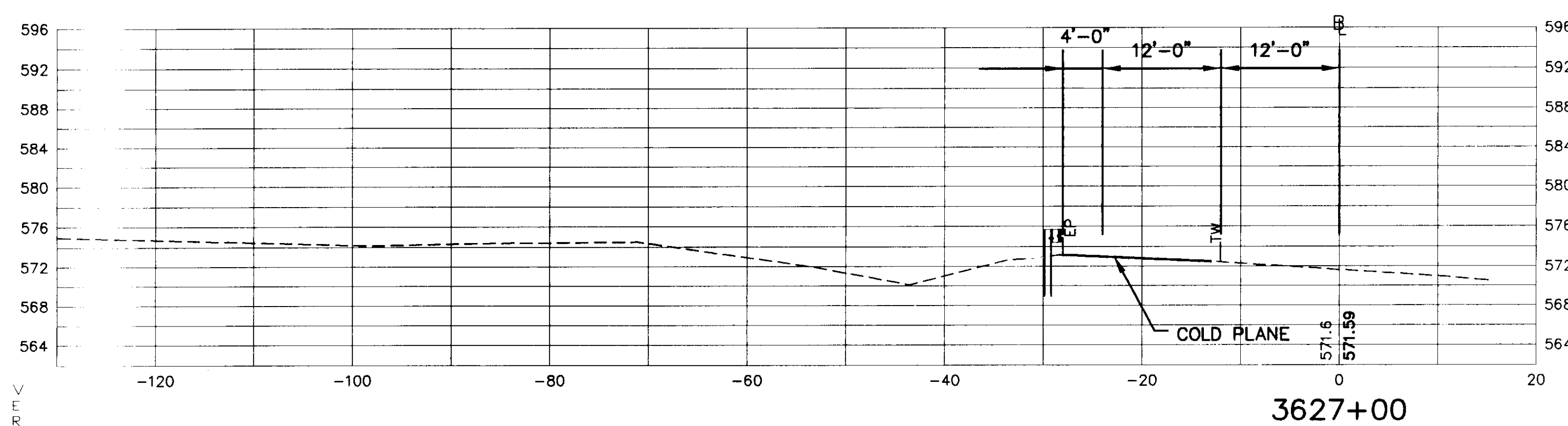
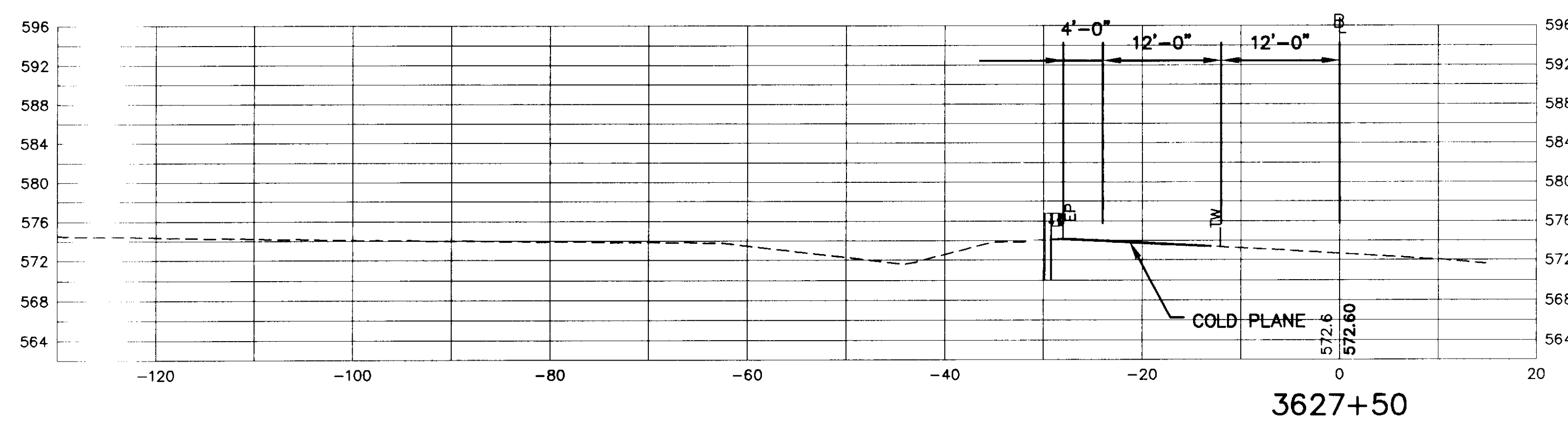
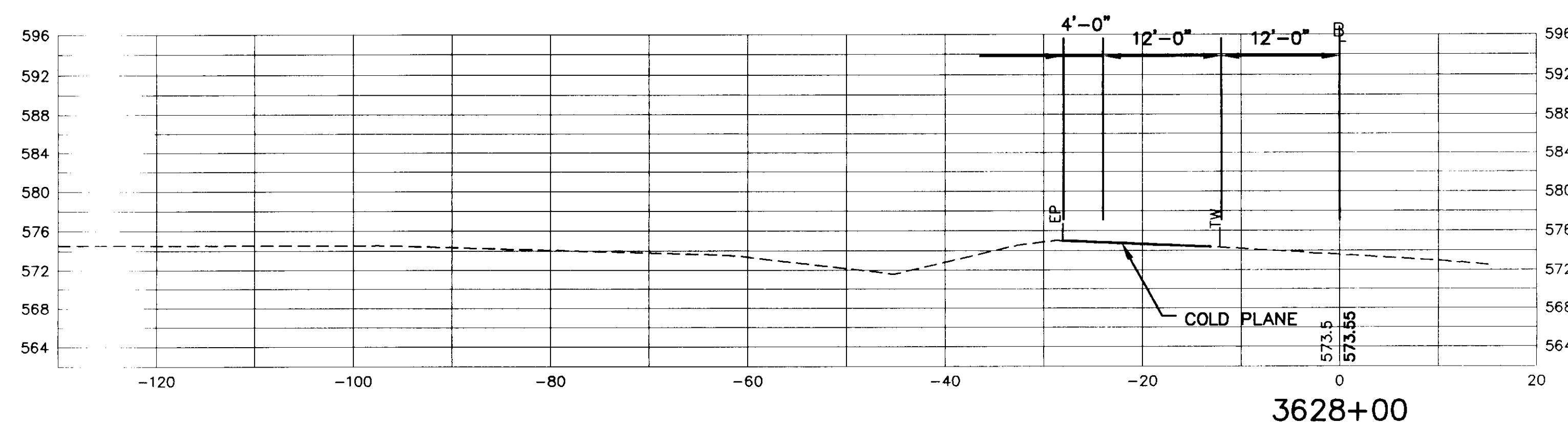
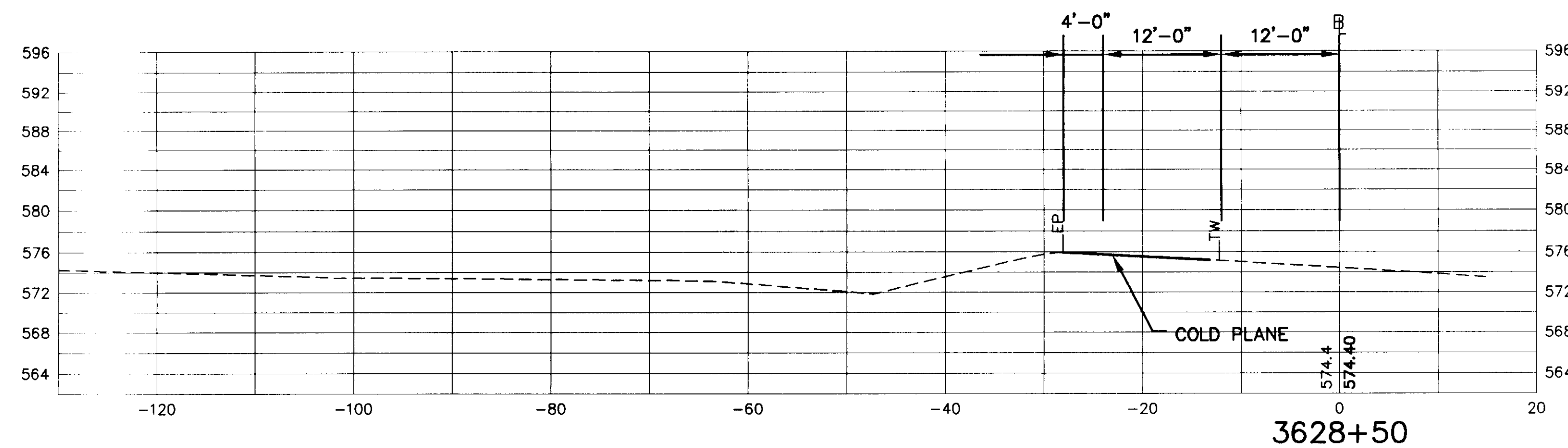
HARTFORD, VT. I-91
INFORMATION CENTERS

SOUTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R45



N·B·F
Nimtzo · Berryhill · Fiegel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.

STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

**DuBois
& King inc.**

- Highway Design
- Site Engineering
- Mechanical and
- Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

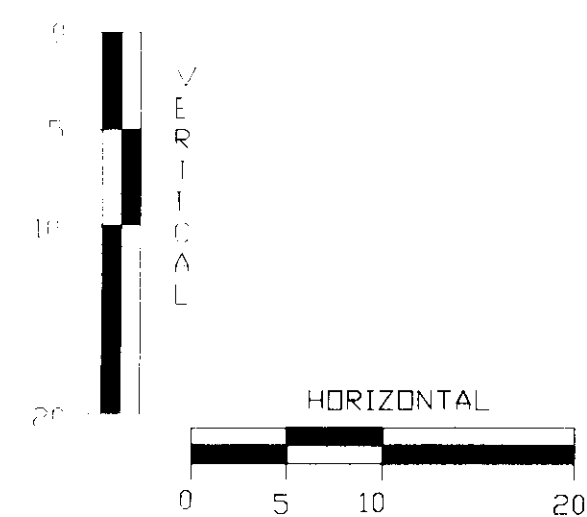
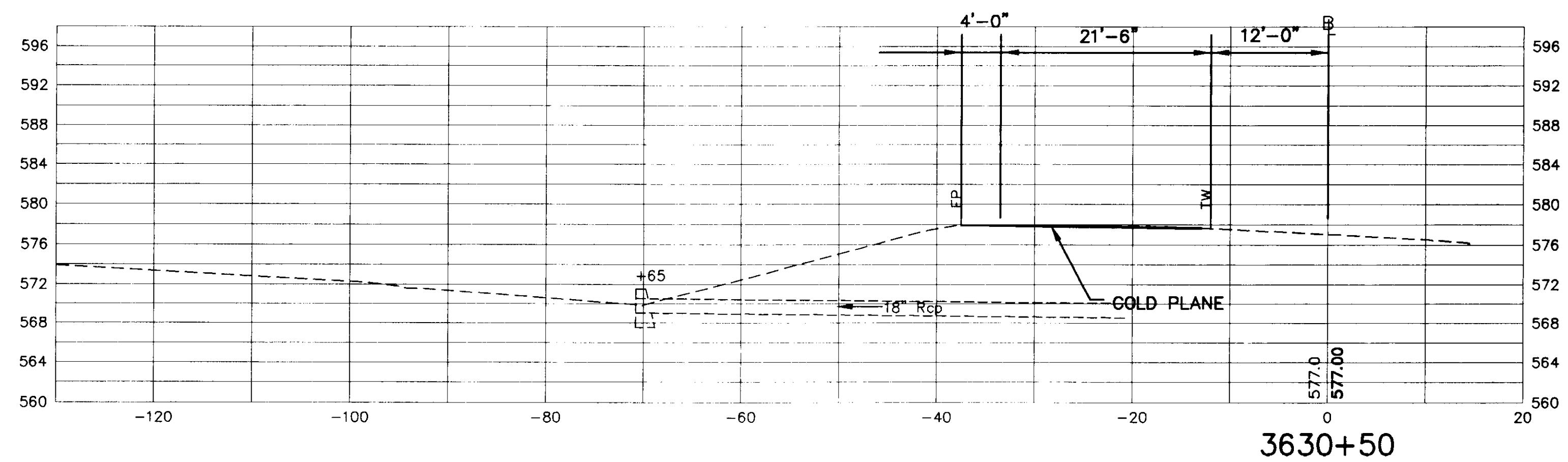
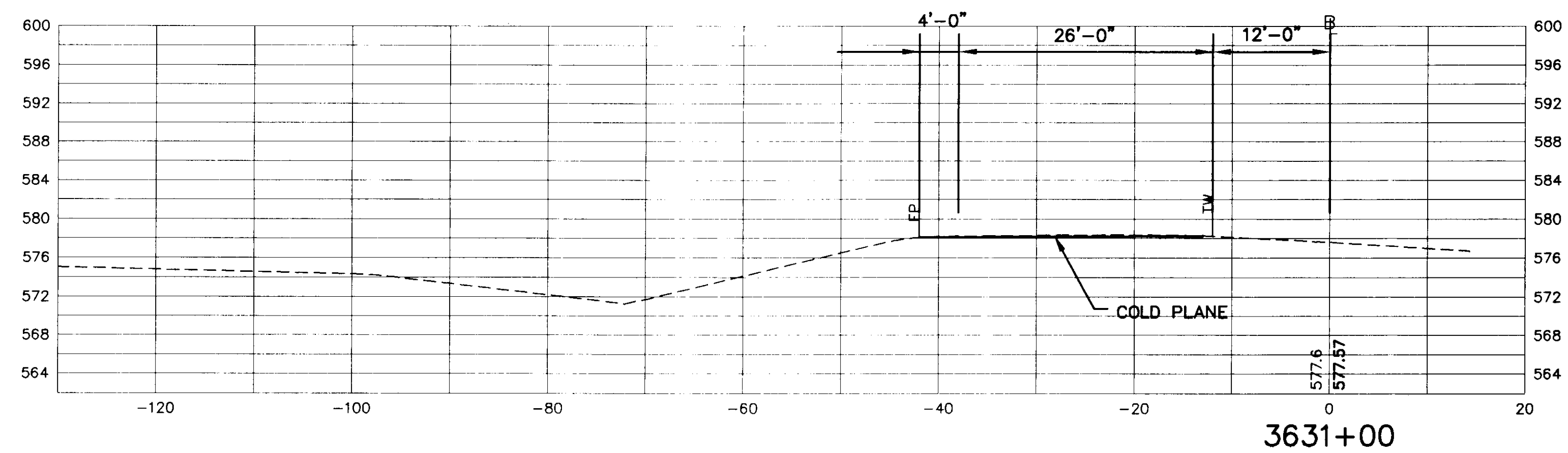
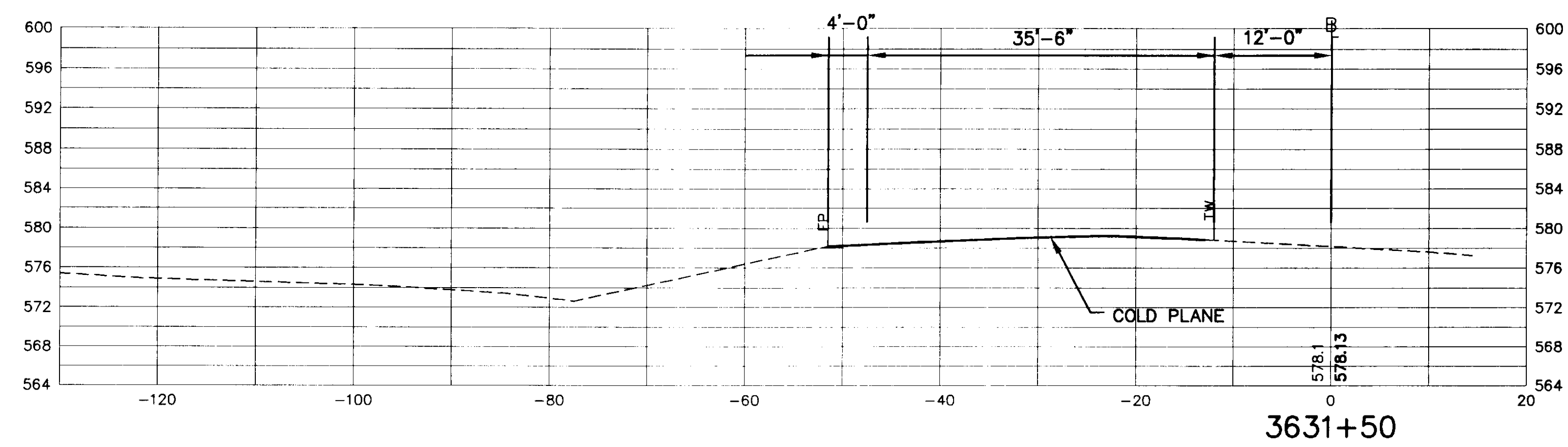
SOUTHBOUND
CROSS SECTIONS

FINAL PLANS

R46

2/15/96

N-191



N·B·F
Nimtzo · Berryhill · Fiegel

ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.

STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

**DuBois
& King inc.**

- Highway Design
- Site Engineering
- Mechanical and
- Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

INFORMATION CENTERS

SOUTHBOUND
CROSS SECTIONS

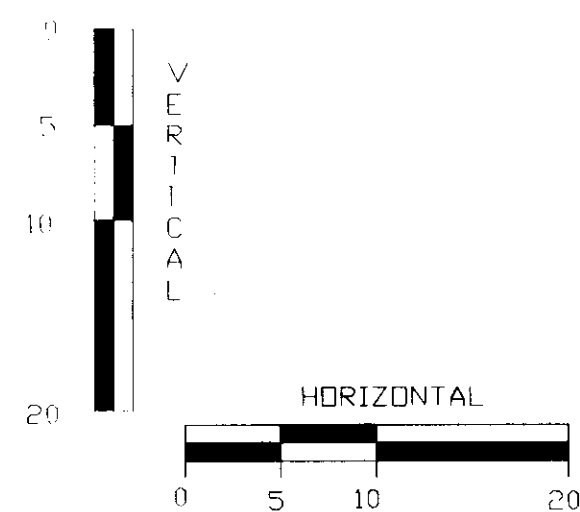
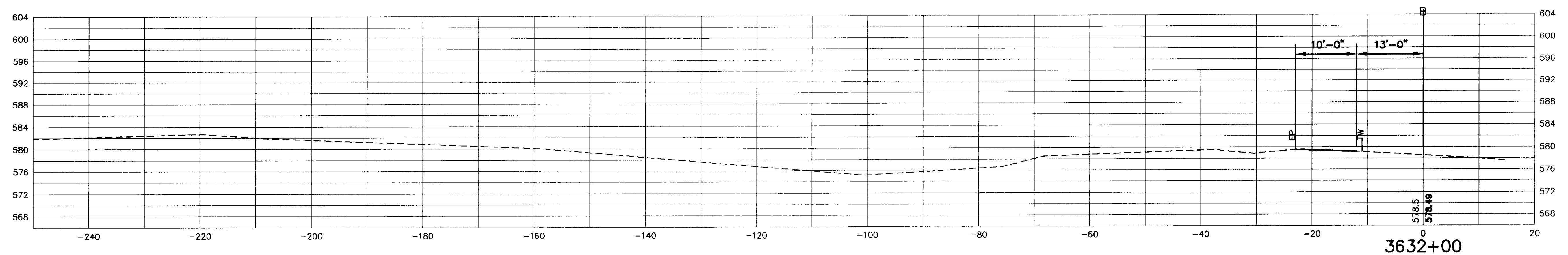
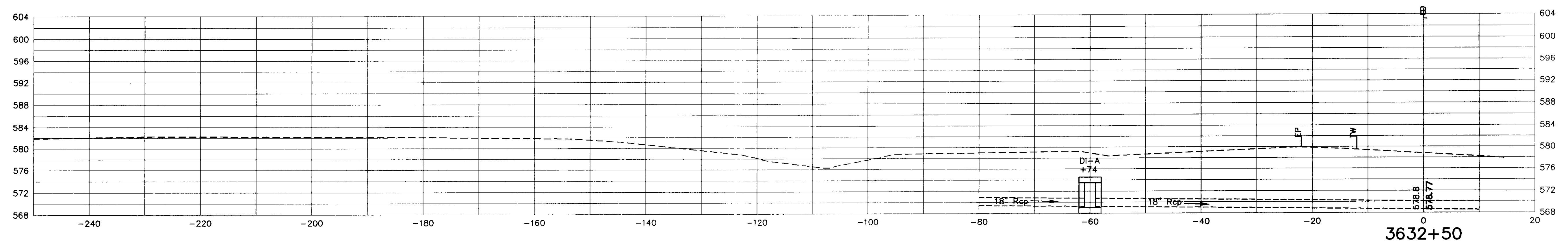
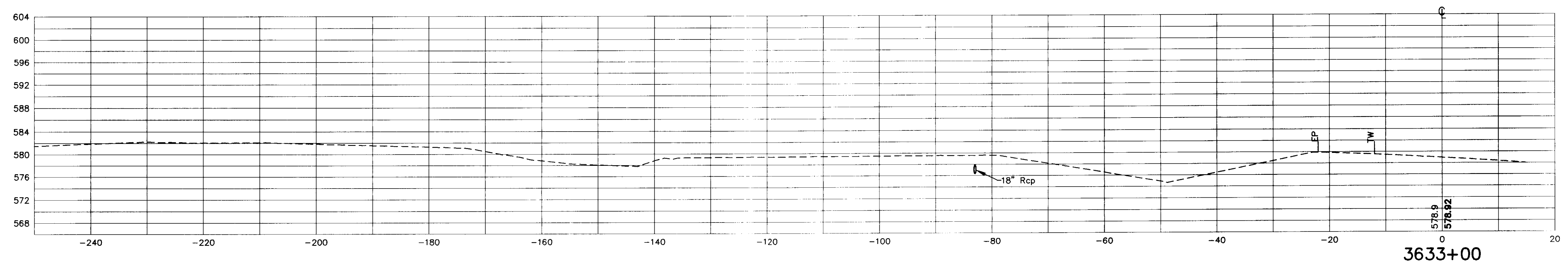
CROSS SECTIONS

FINAL PLANS

R47

2/15/96

N-192



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King, Inc.
• Highway Design
• Site Engineering
• Mechanical and
• Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

SOUTHBOUND
CROSS SECTIONS

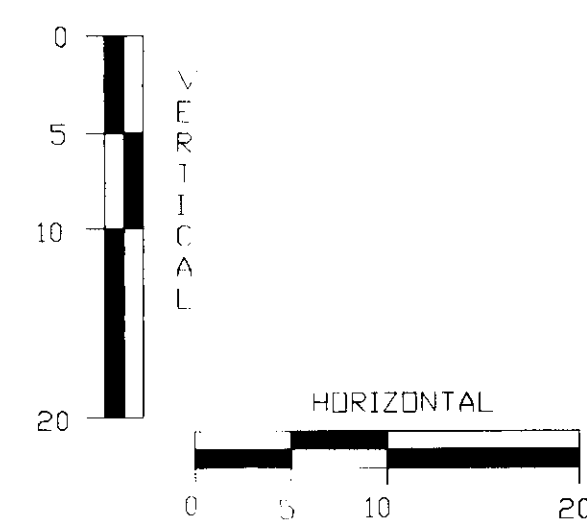
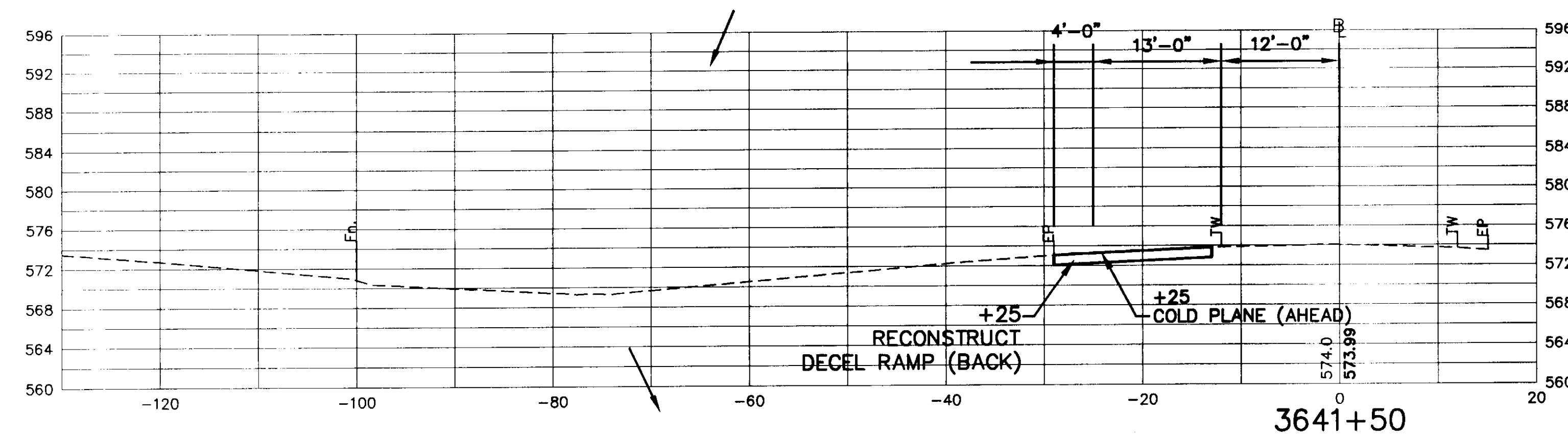
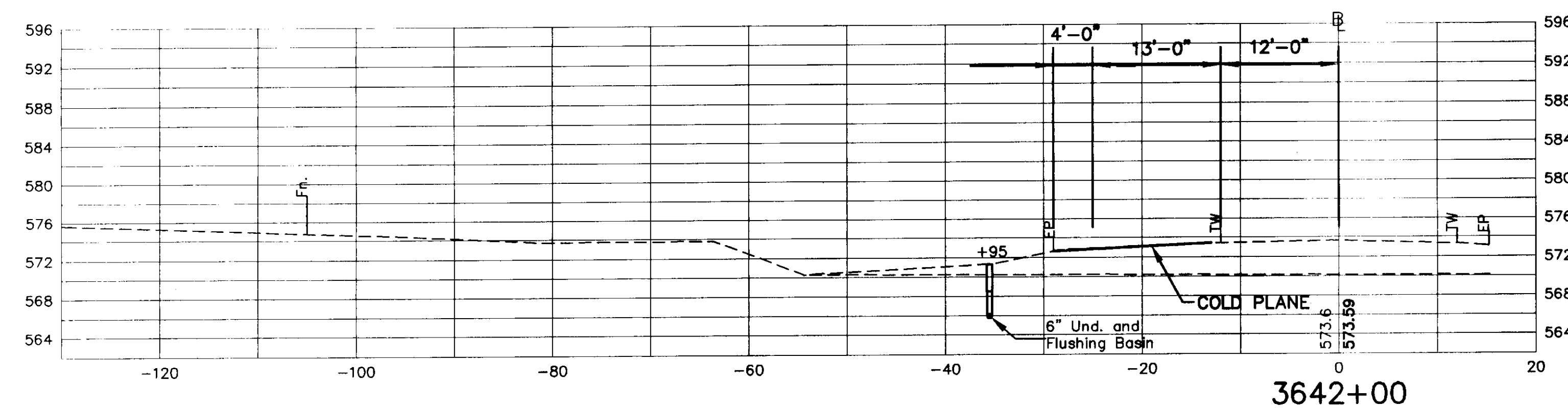
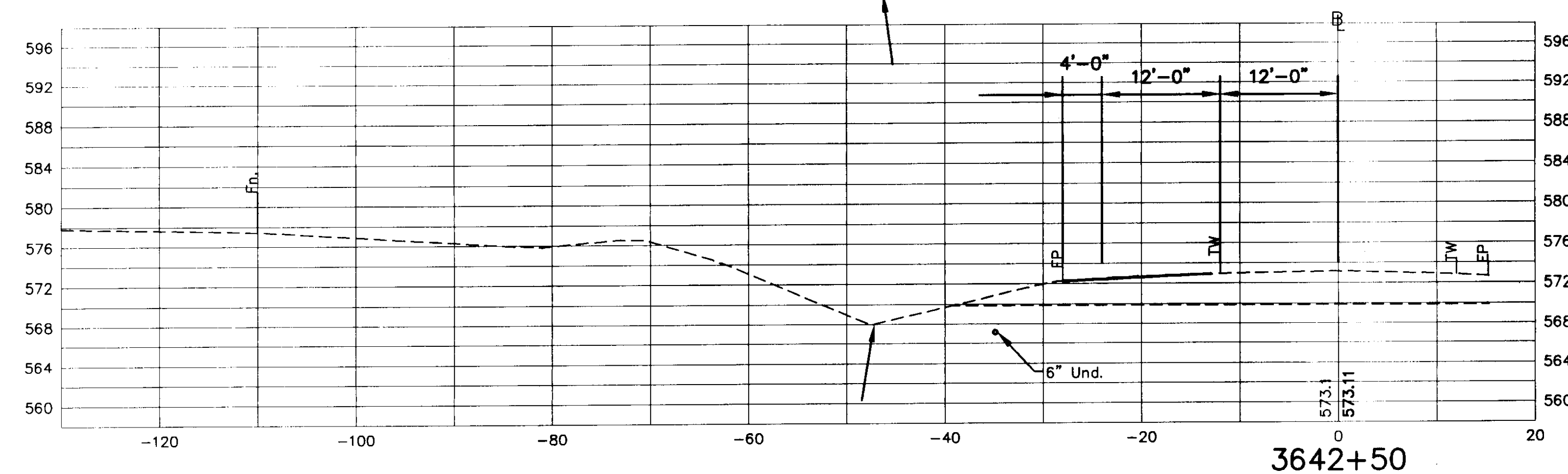
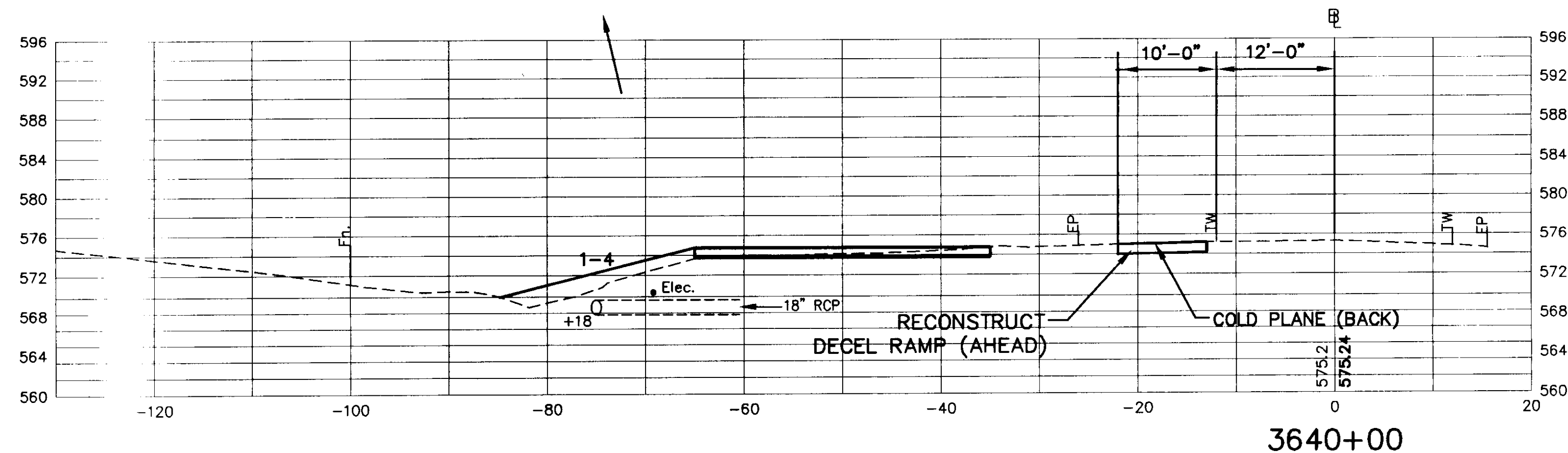
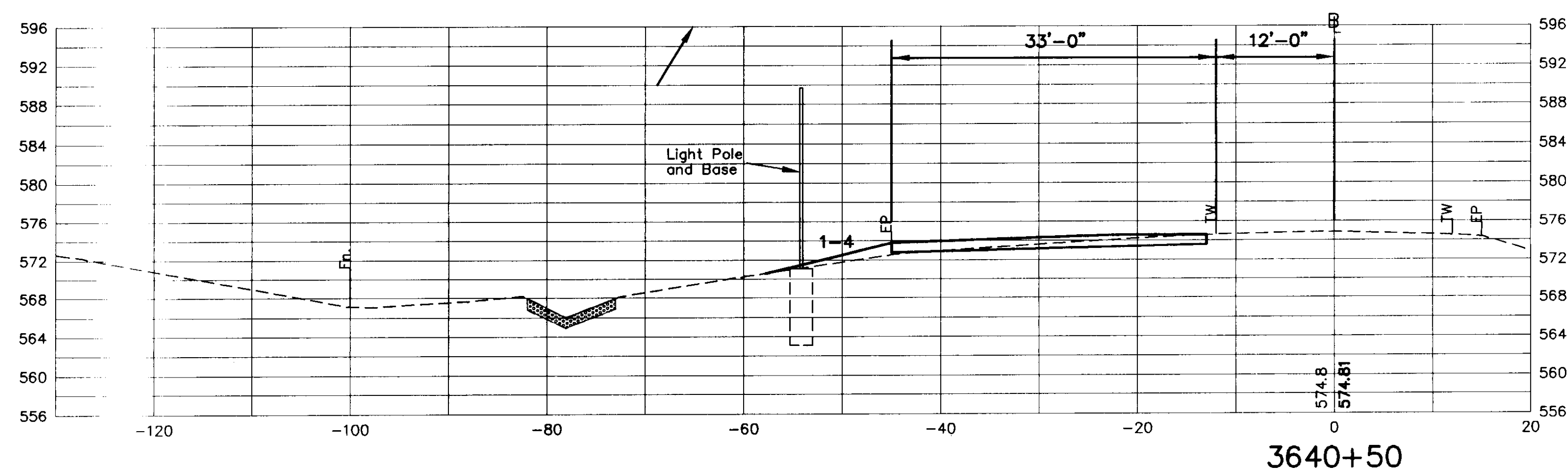
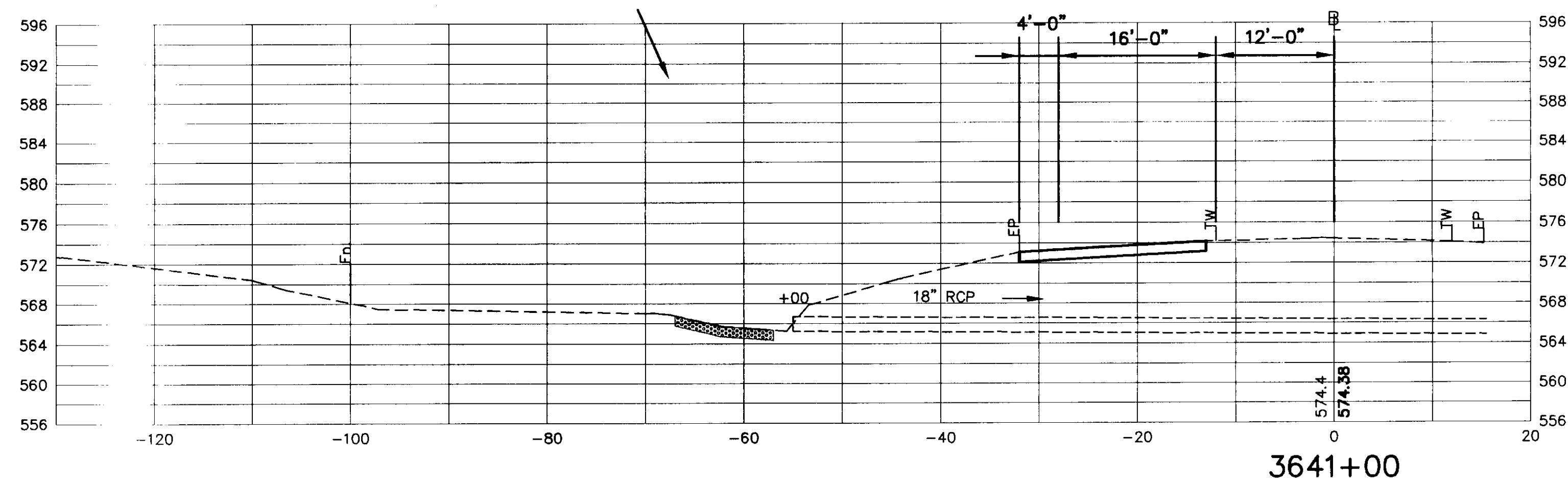
FINAL PLANS

2/15/96

R48

N-193

1/20/96 3:15-96
C:\DATA\PROJECTS\HARTFORD\HARTFORD.DWG



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
·Highway Design
·Site Engineering
·Mechanical and
·Electrical Engineers

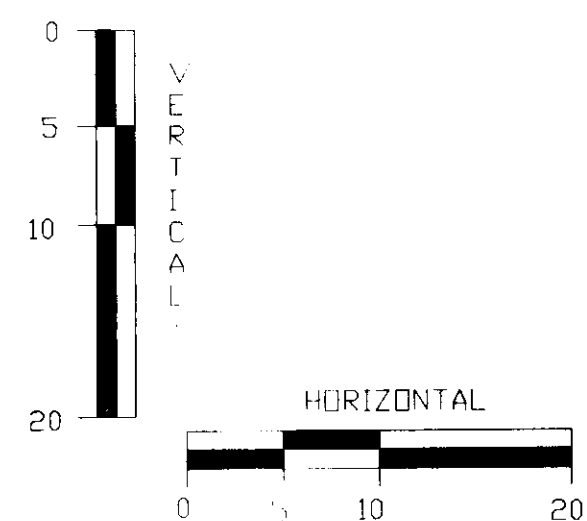
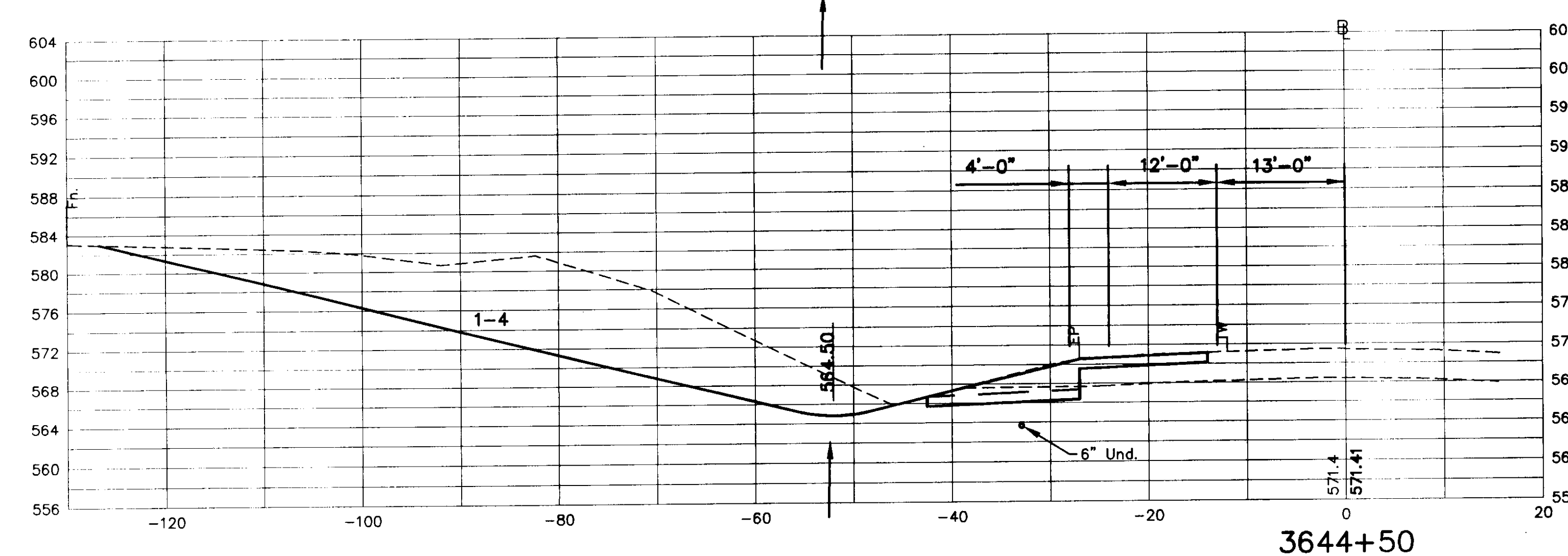
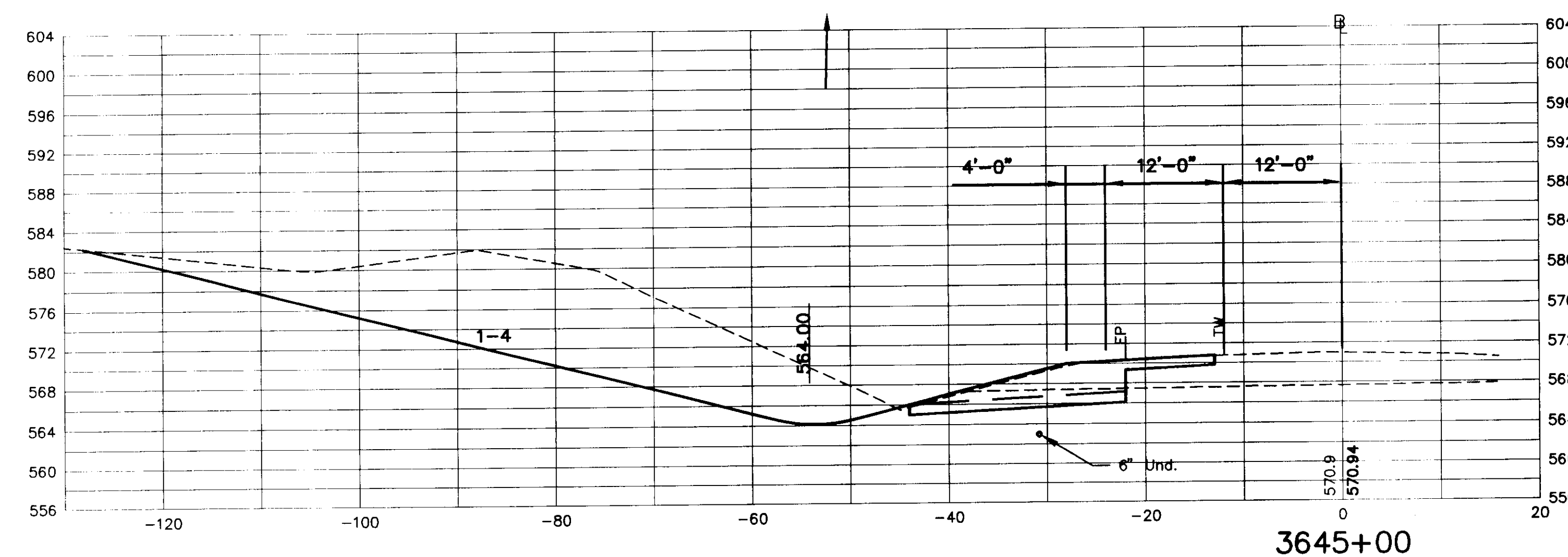
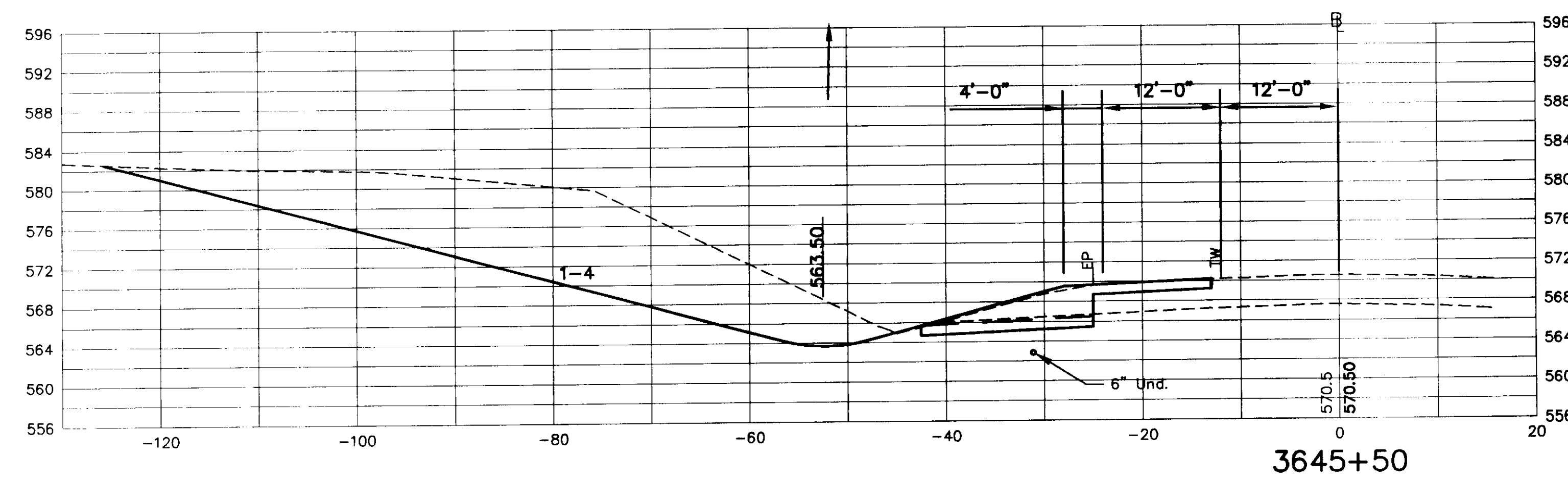
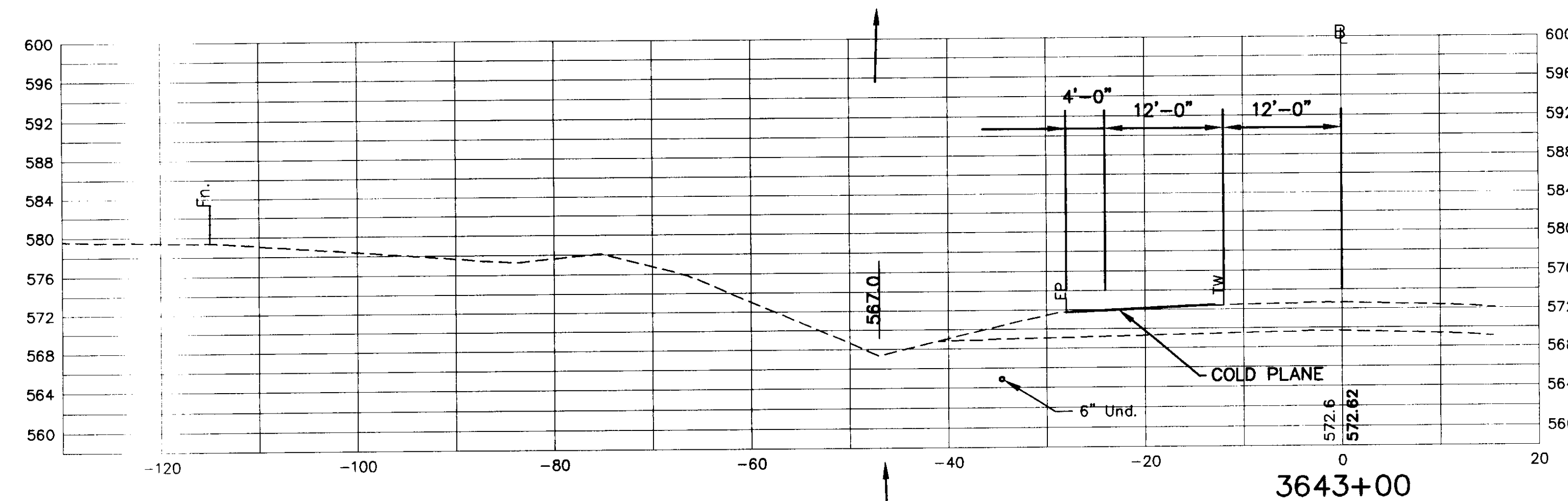
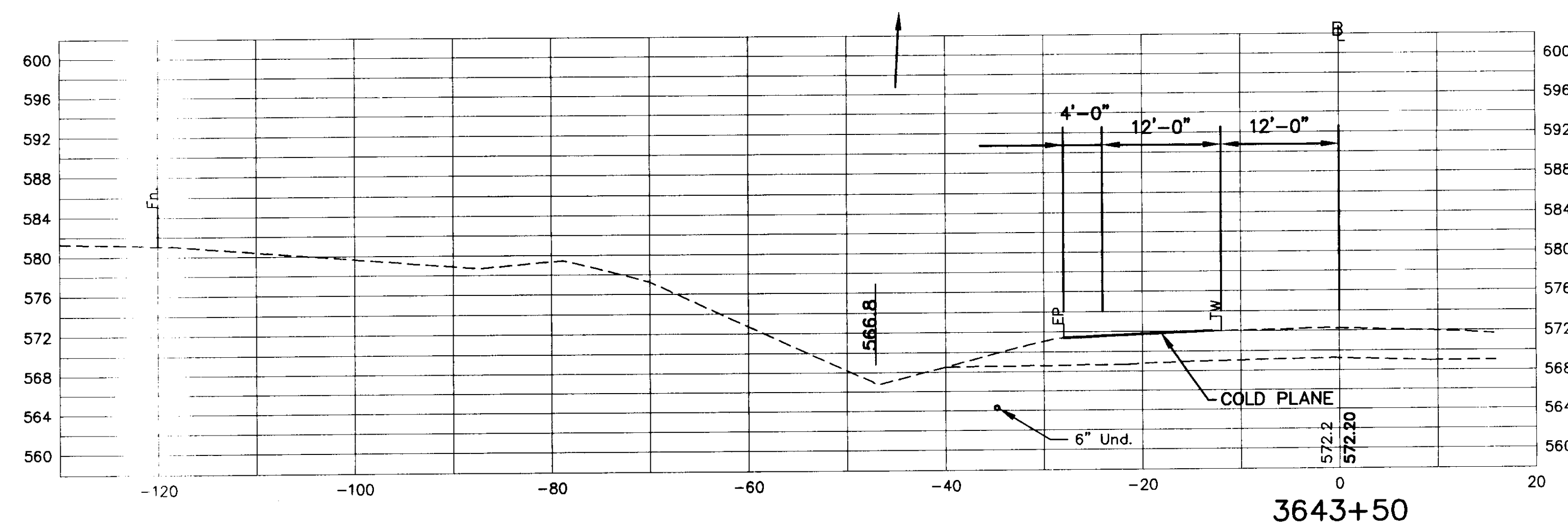
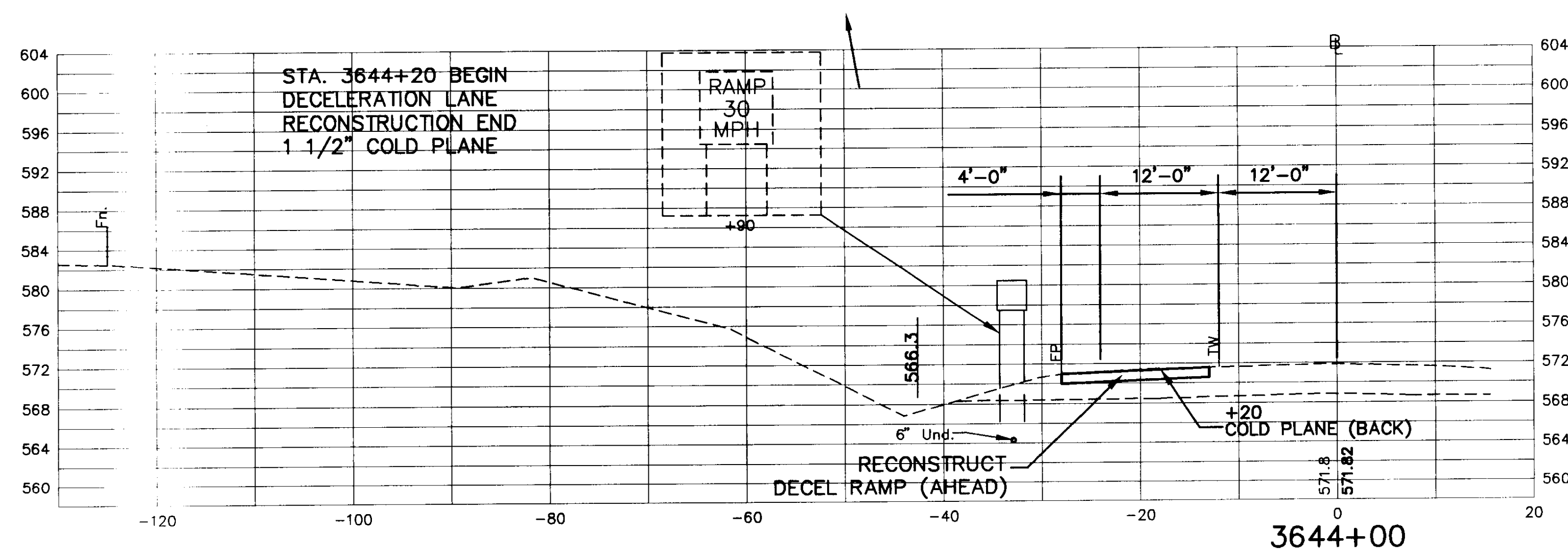
HARTFORD, VT. I-91
INFORMATION CENTERS

SOUTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R53



N.B.F.
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
• Highway Design
• Site Engineering
• Mechanical and
• Electrical Engineers

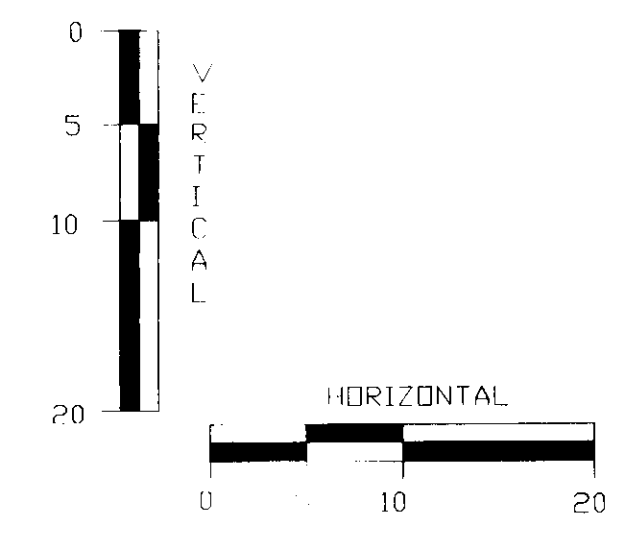
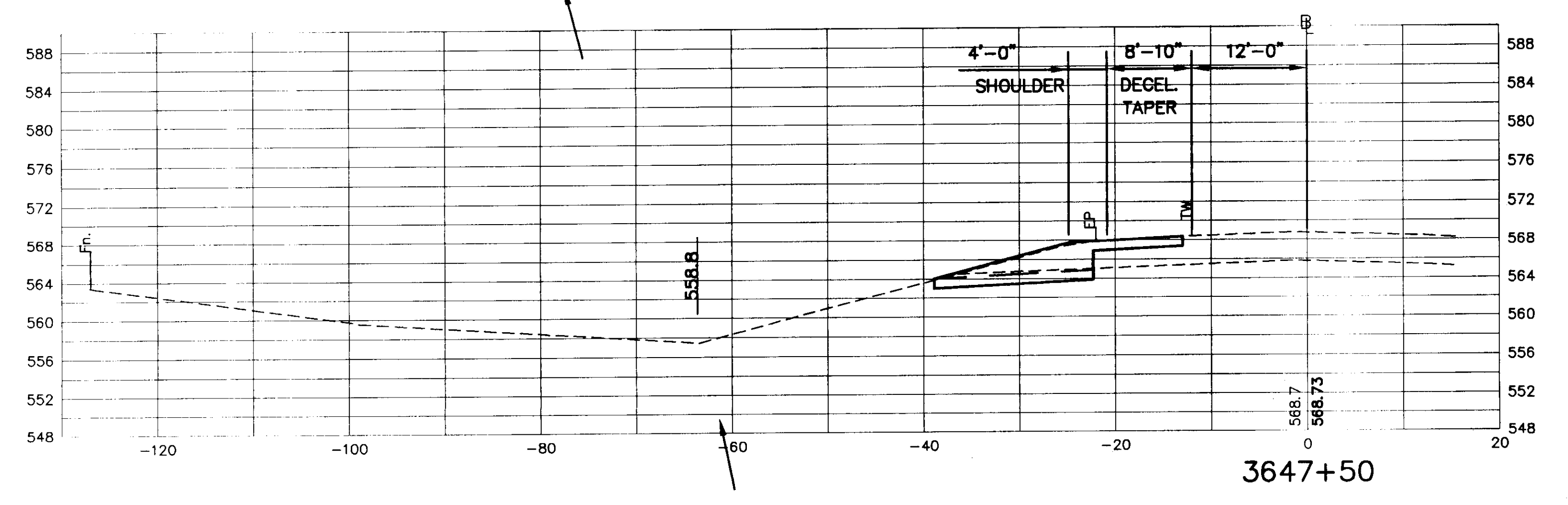
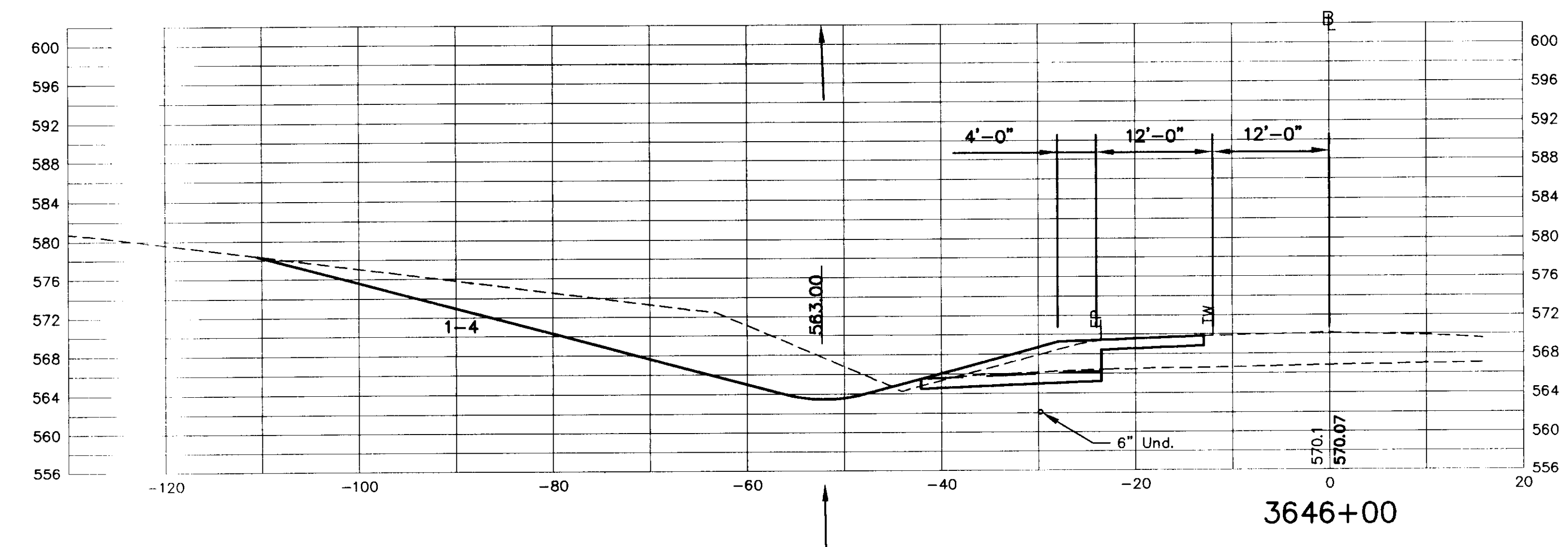
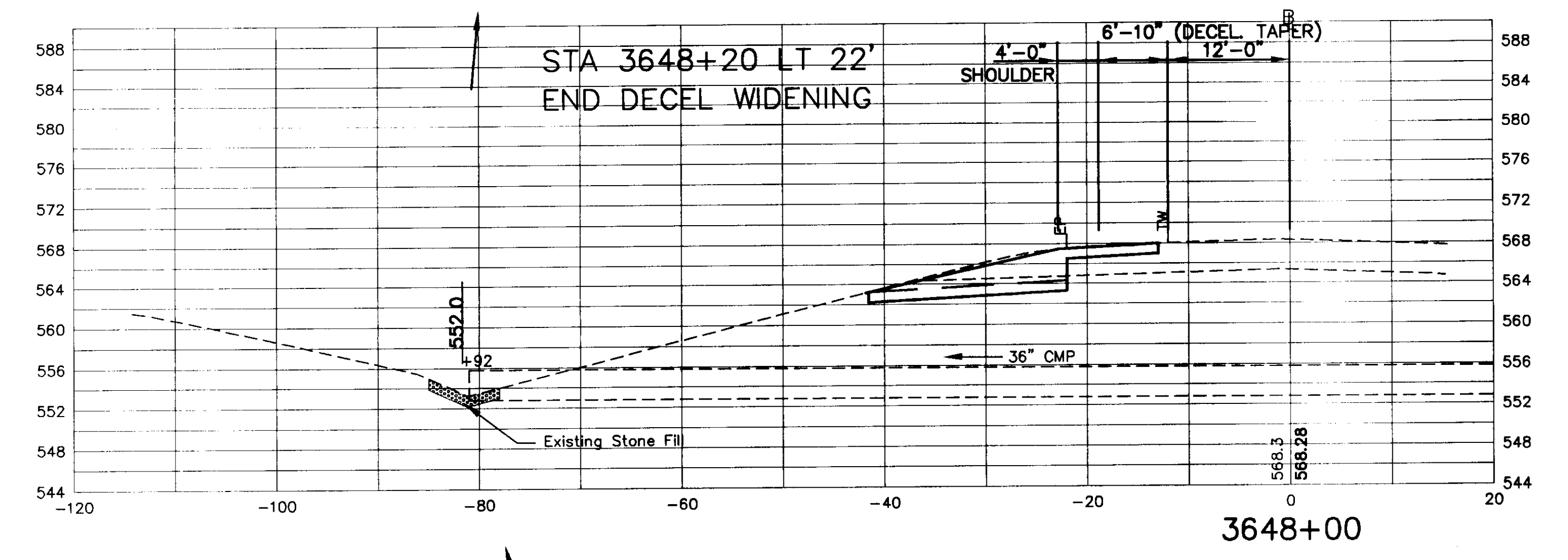
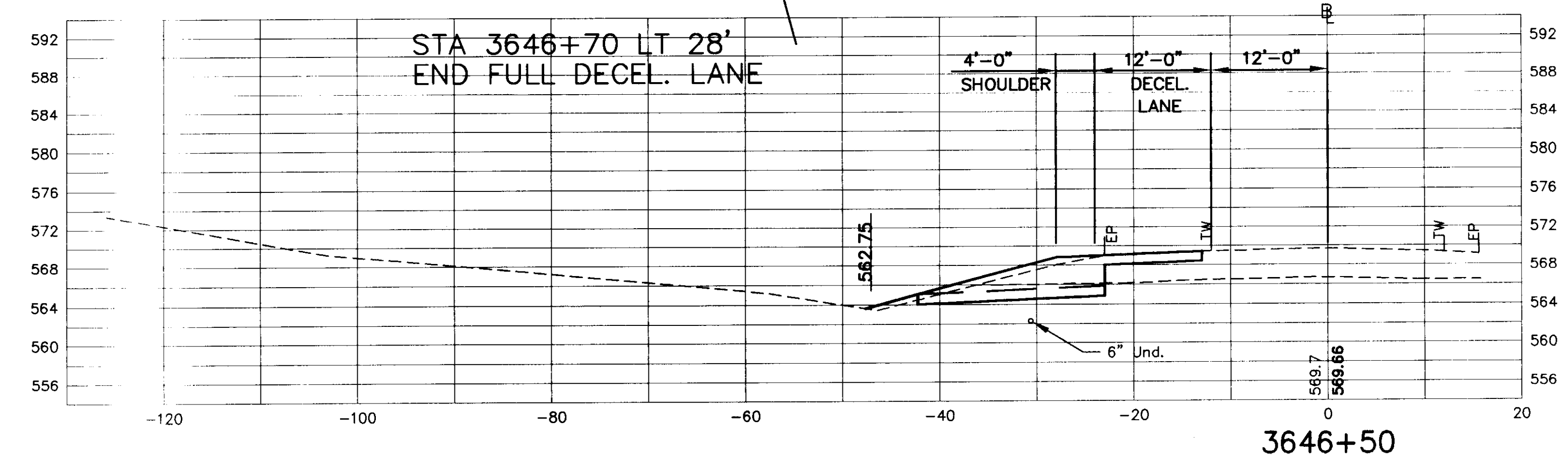
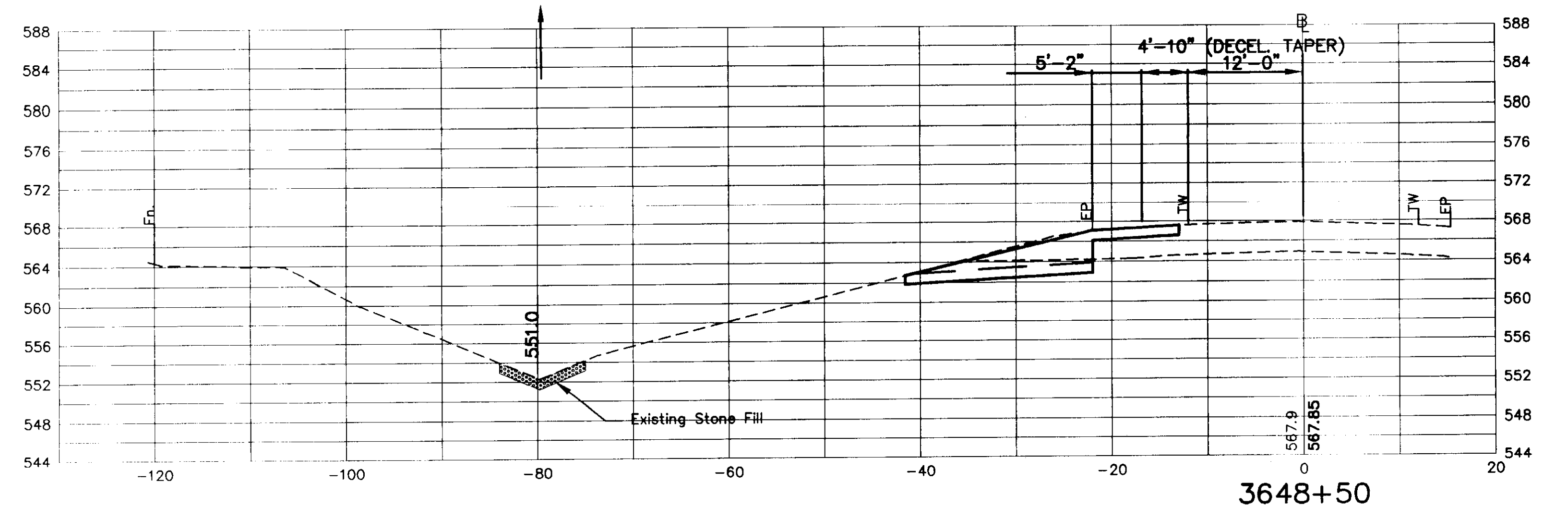
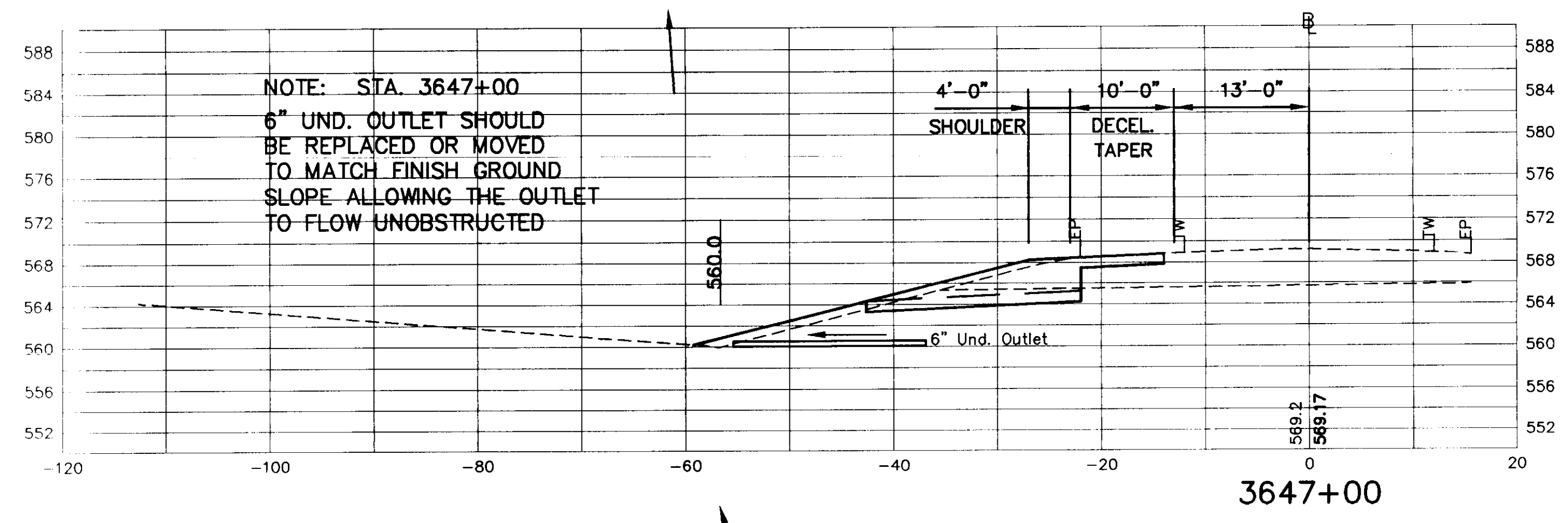
HARTFORD, VT. I-91
INFORMATION CENTERS

SOUTHBOUND
CROSS SECTIONS

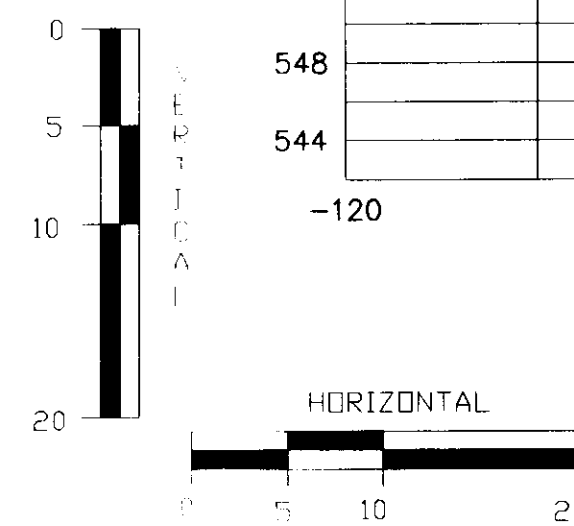
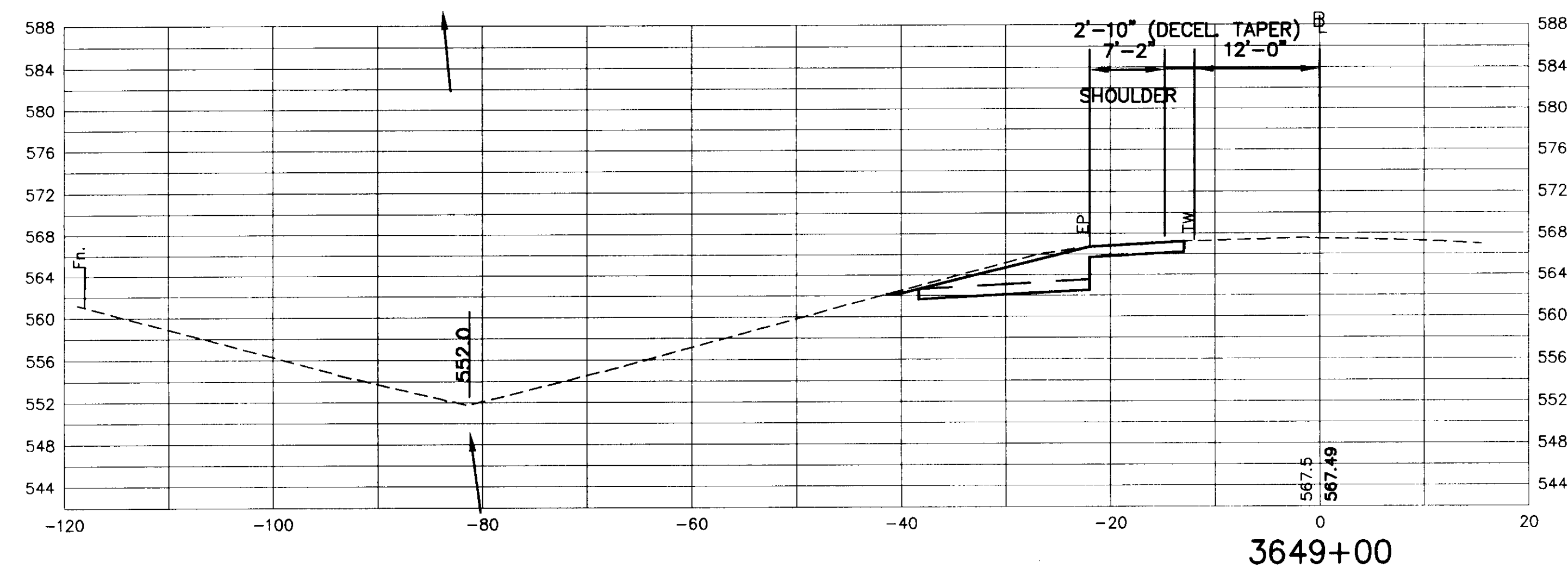
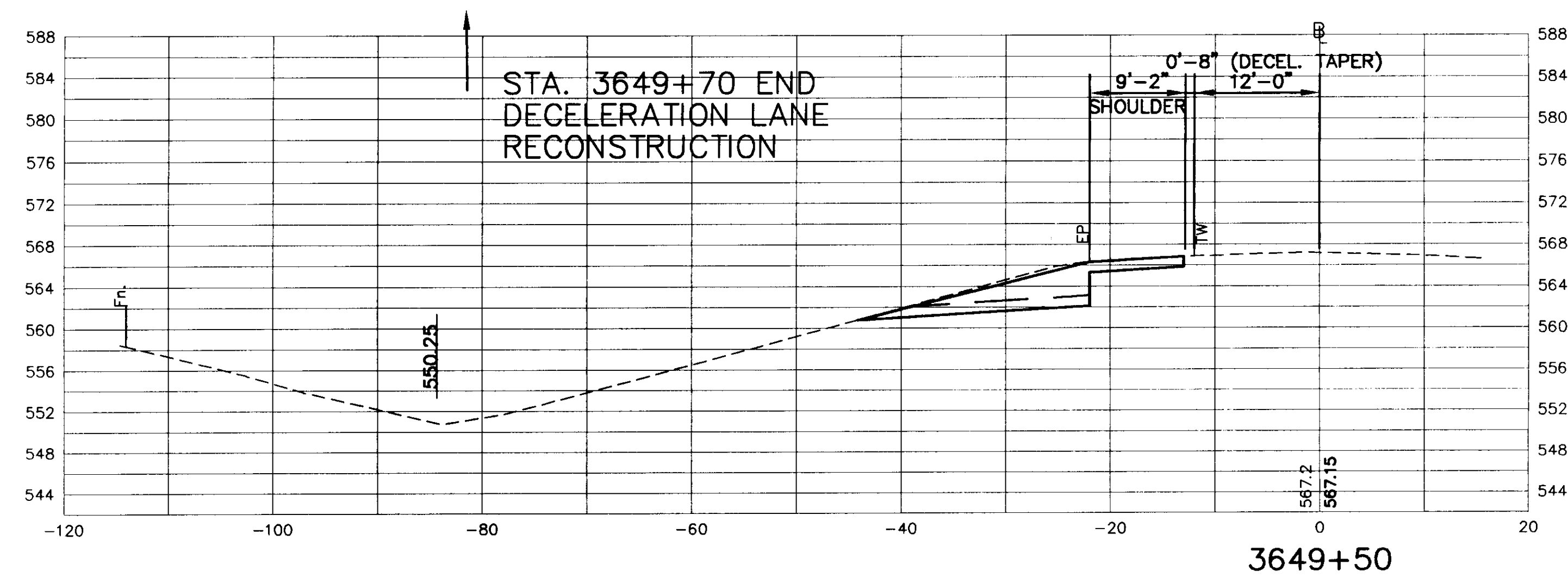
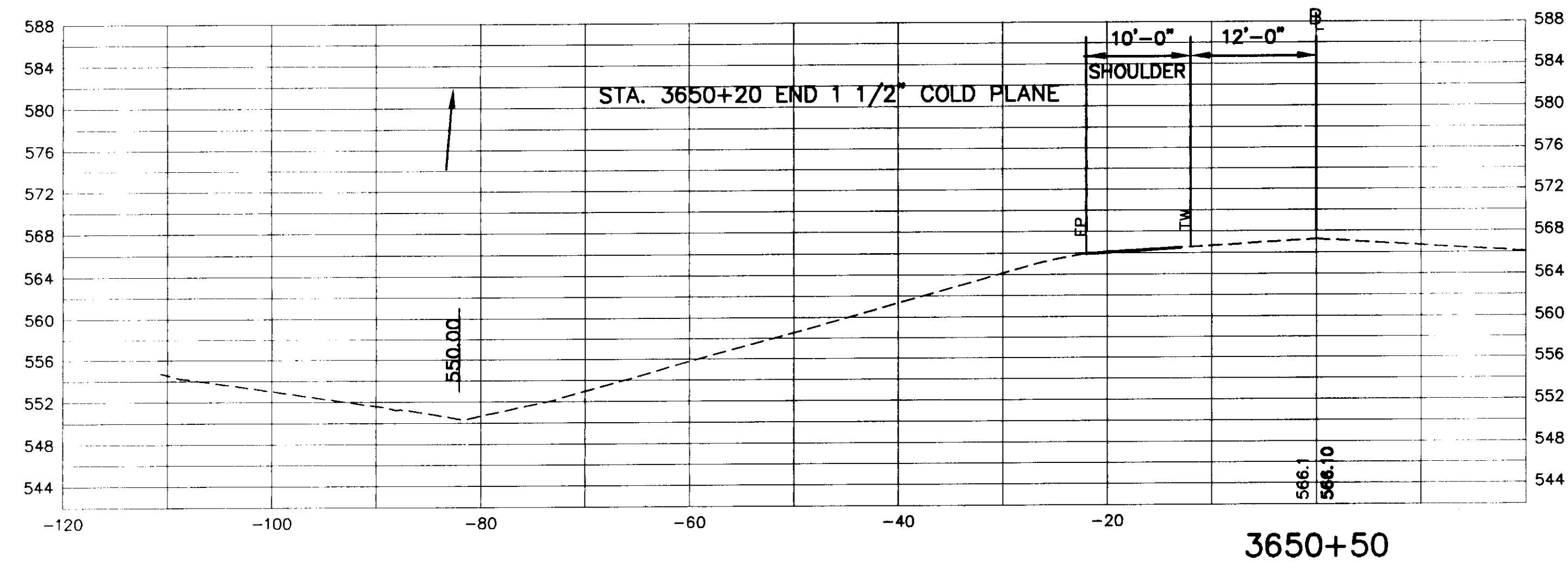
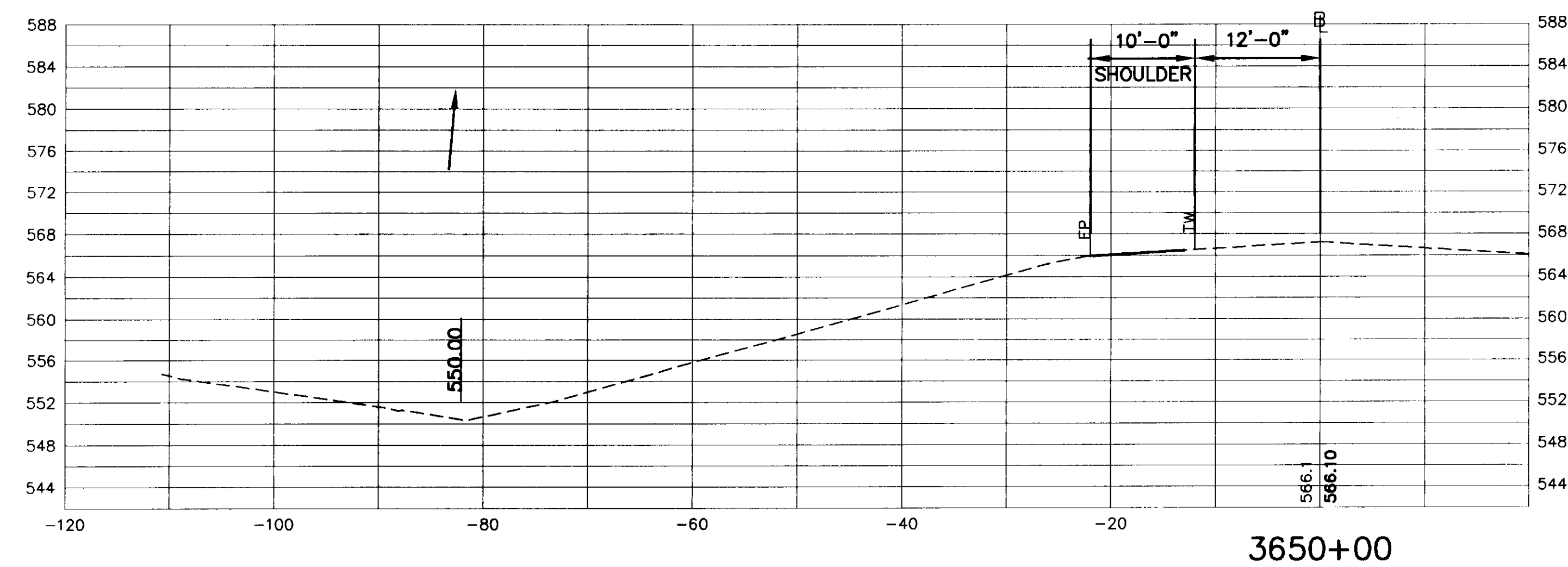
FINAL PLANS

2/15/96

R54



N·B·F Nimitz·Berryhill·Figiel ARCHITECTS P.C. 24 1/2 Center Street, Rutland, Vermont 05701	Steven J. Banik, P.E. STRUCTURAL ENGINEER Cuttingsville, Vermont 05738	DuBois & King inc. Highway Design Site Engineering Mechanical and Electrical Engineers	HARTFORD, VT. I-91 INFORMATION CENTERS	SOUTHBOUND CROSS SECTIONS	FINAL PLANS 2/15/96	R55
--	--	--	---	------------------------------	------------------------	------------



N·B·F
Nimtz·Berryhill·Fiegel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

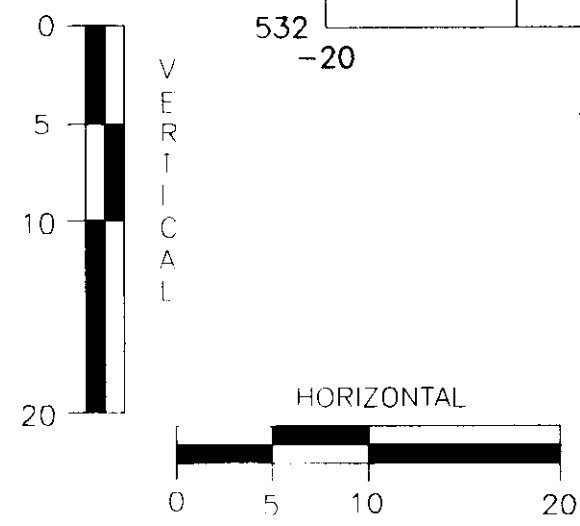
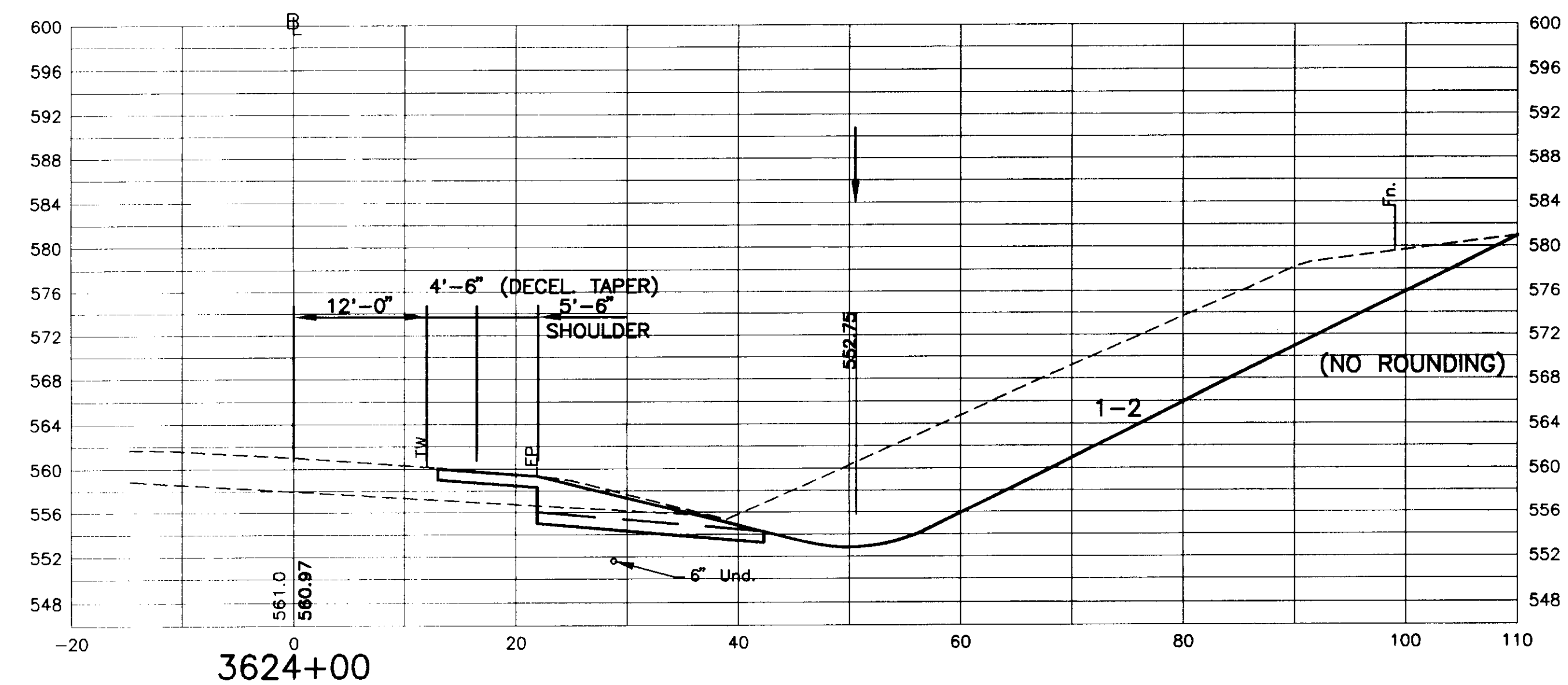
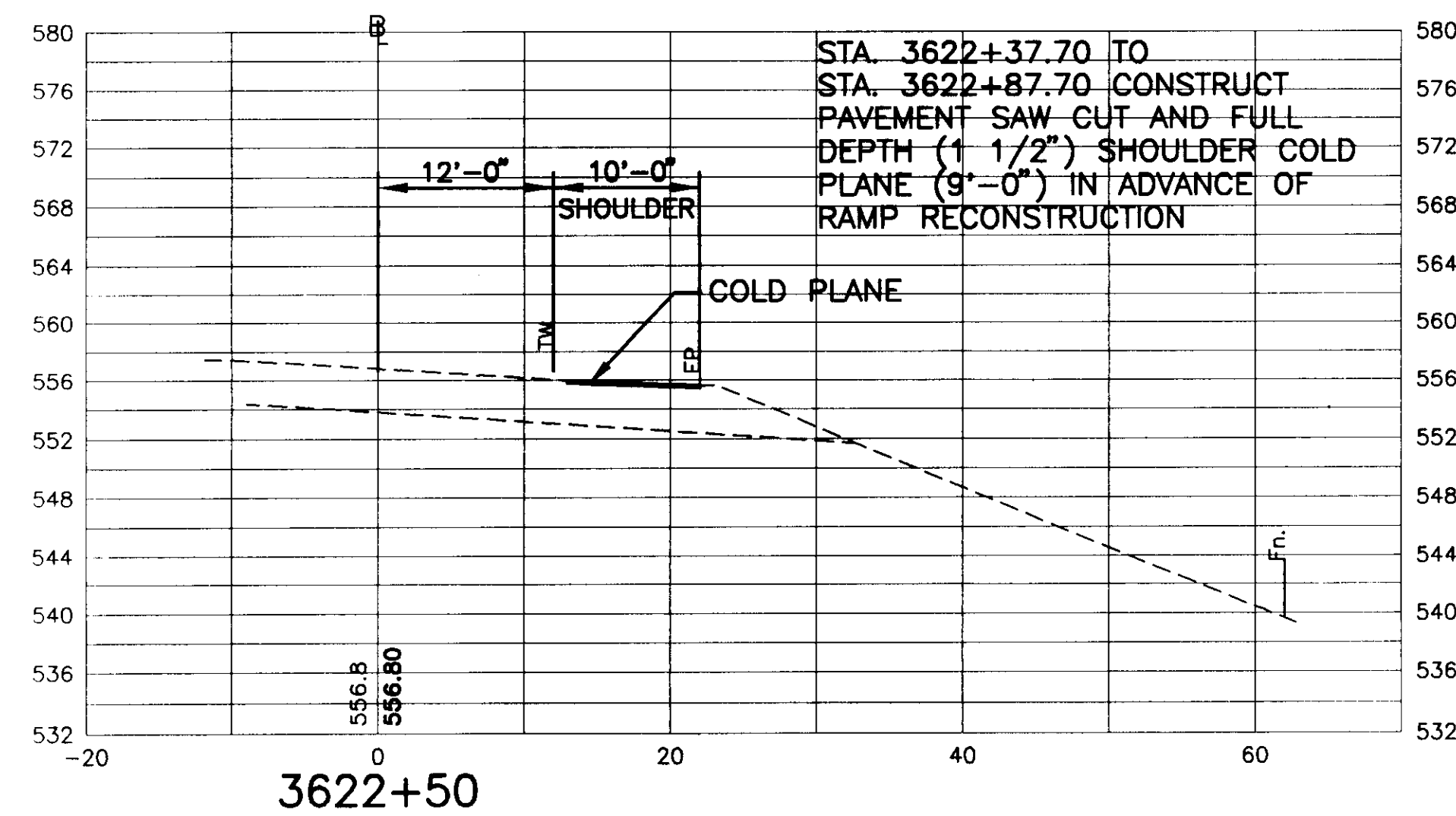
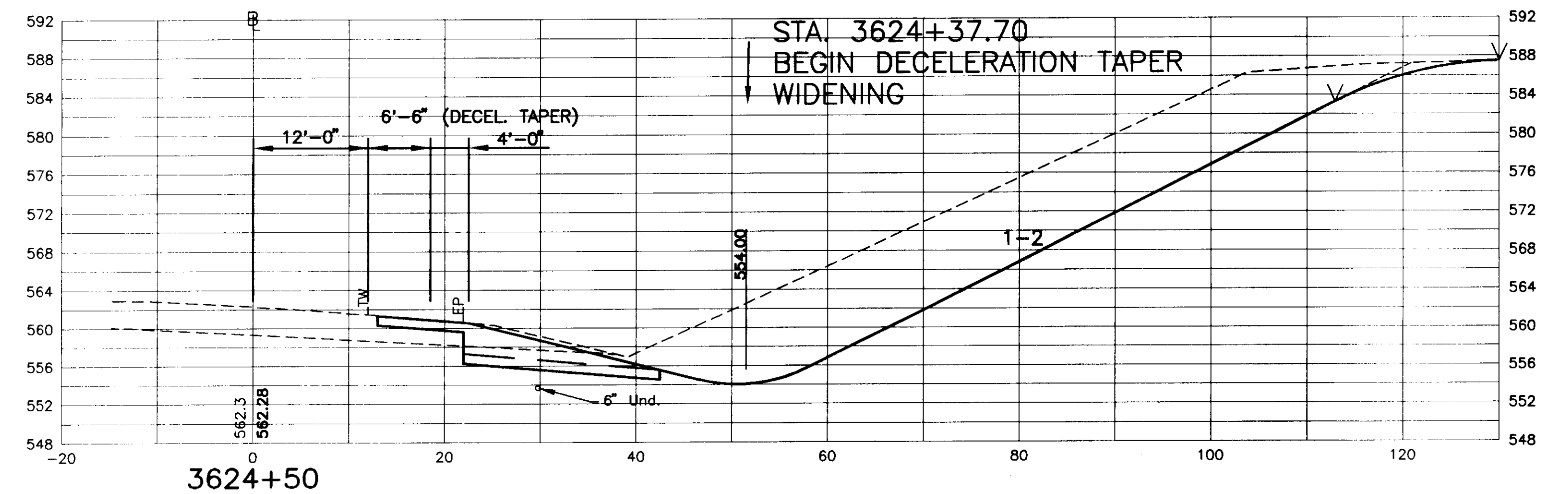
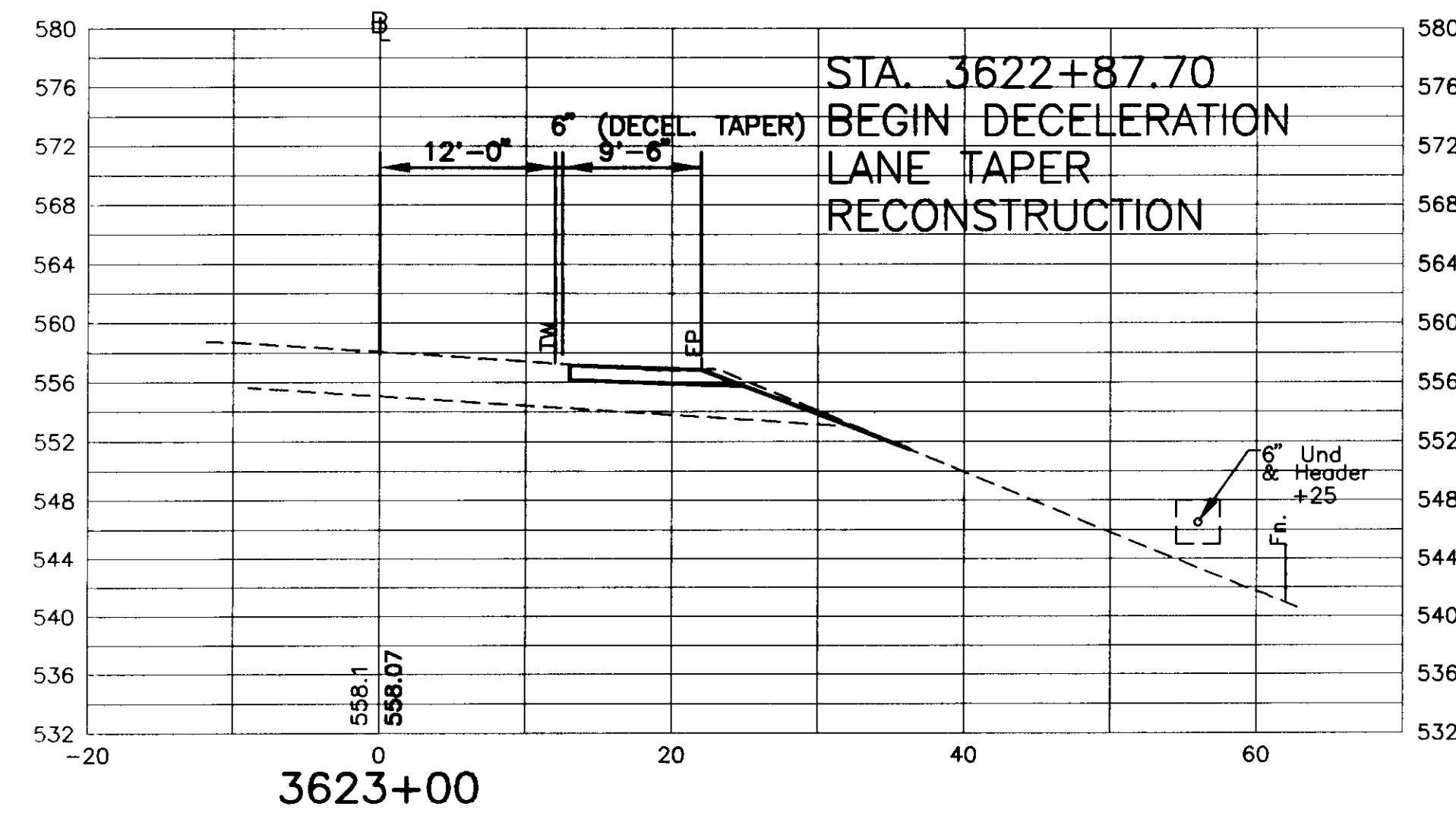
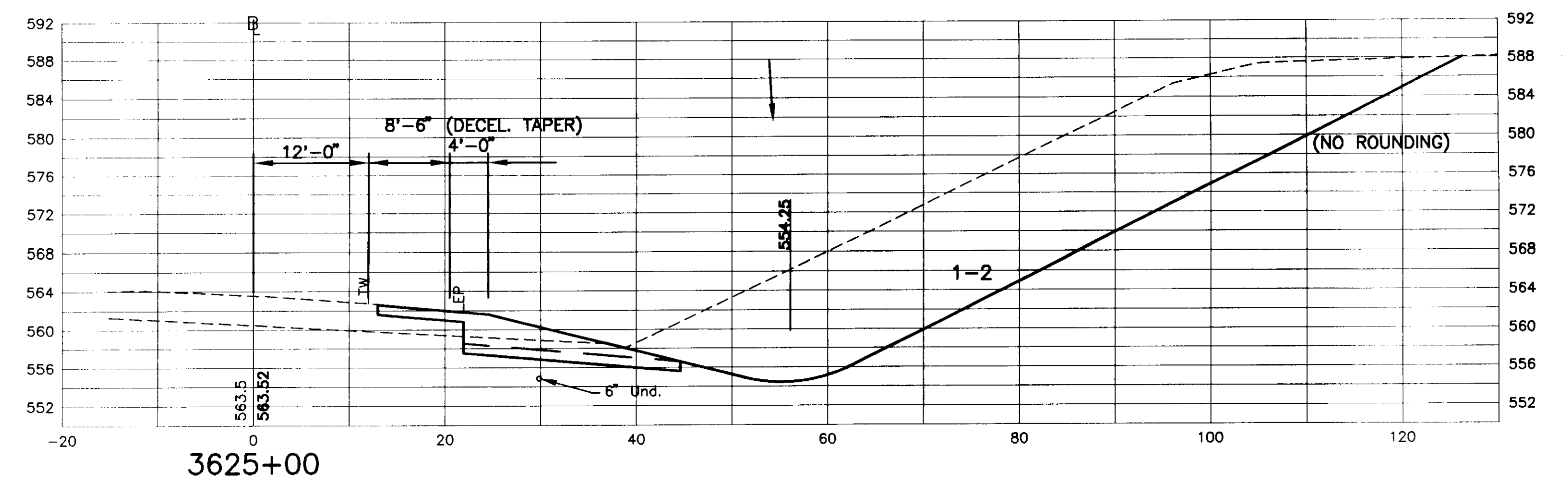
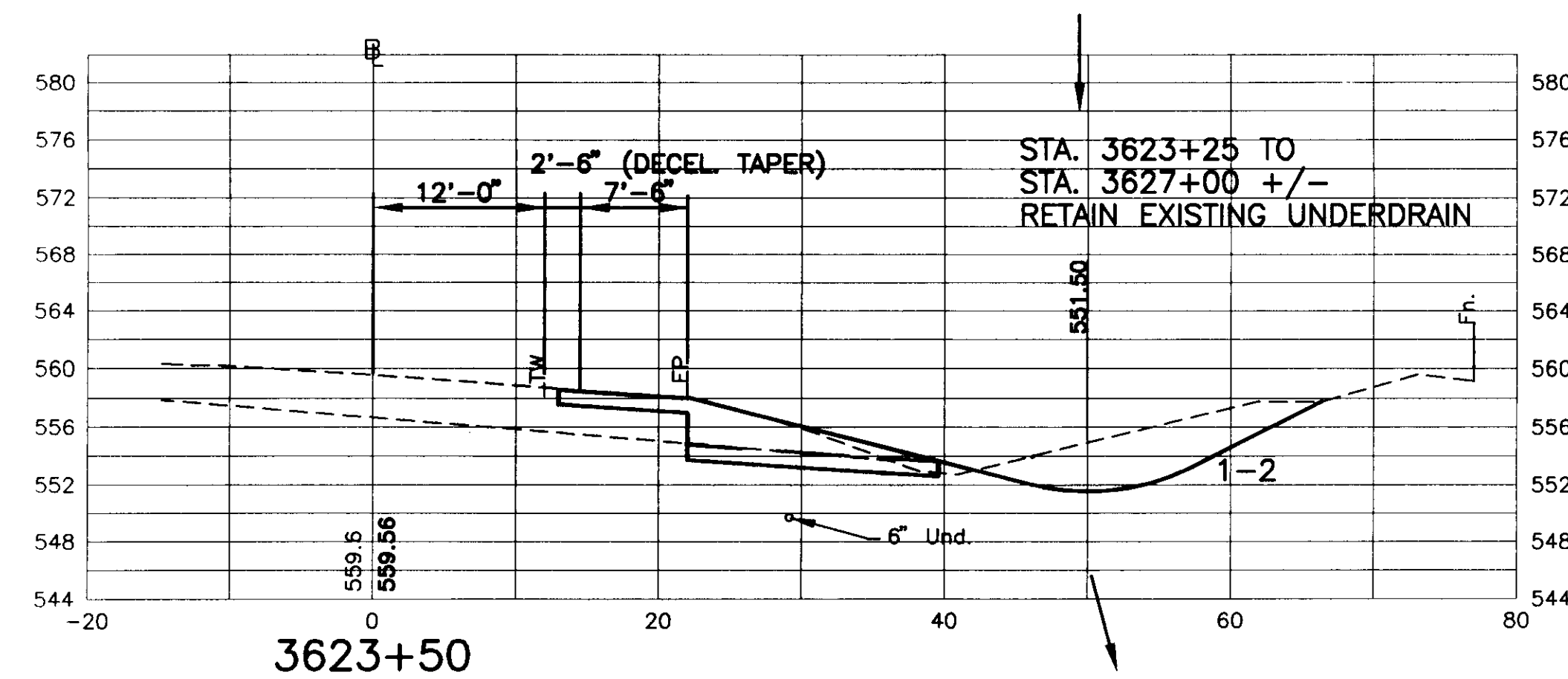
HARTFORD, VT. I-91
INFORMATION CENTERS

SOUTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R56



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King Inc.
·Highway Design
·Site Engineering
·Mechanical and
·Electrical Engineers

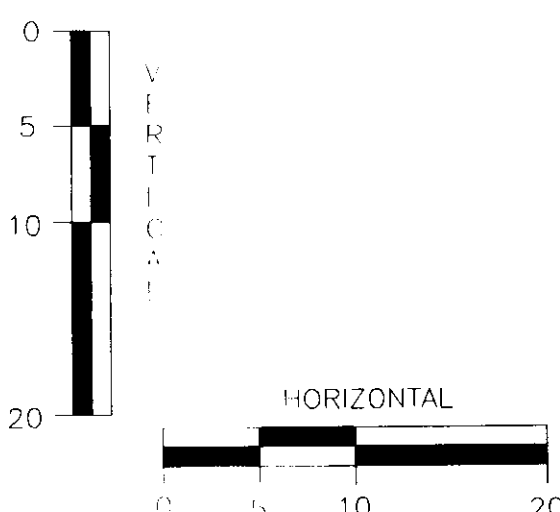
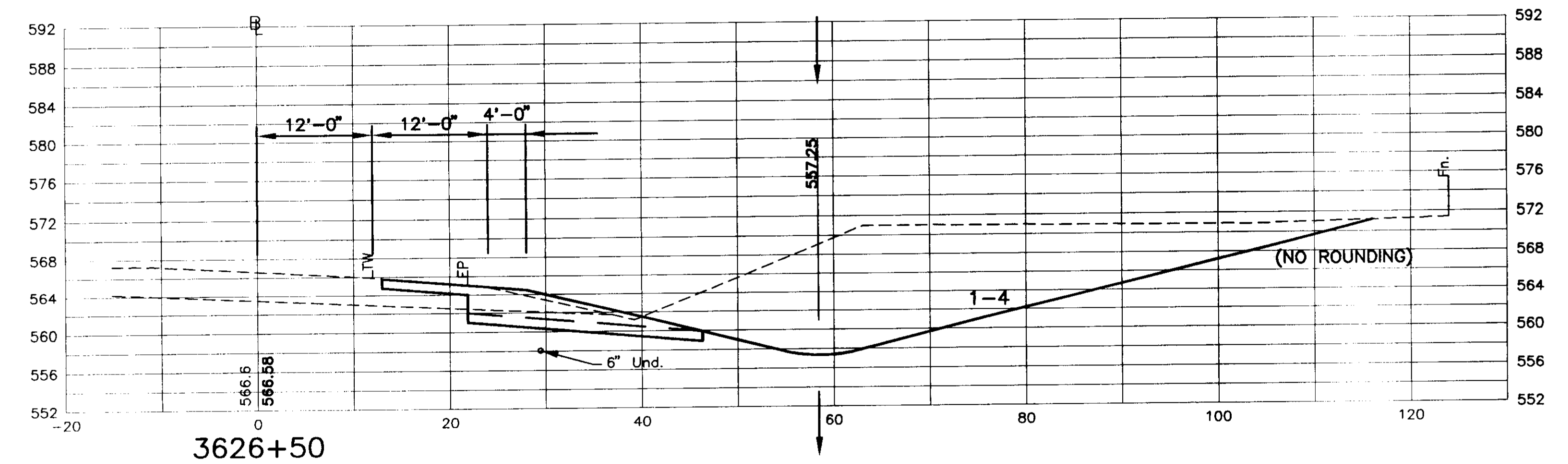
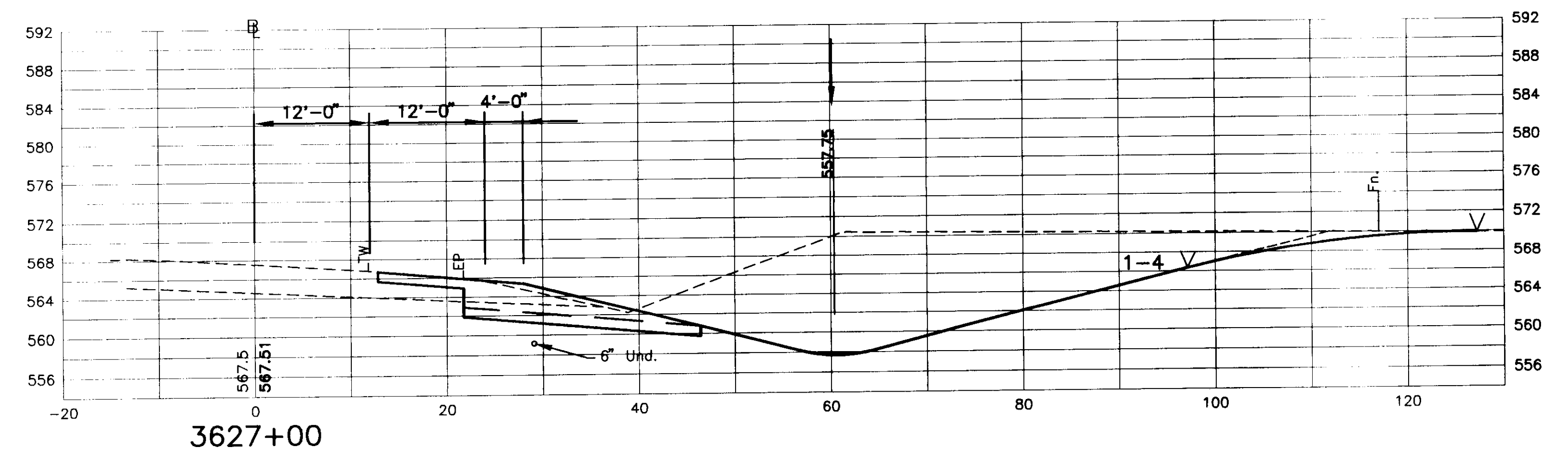
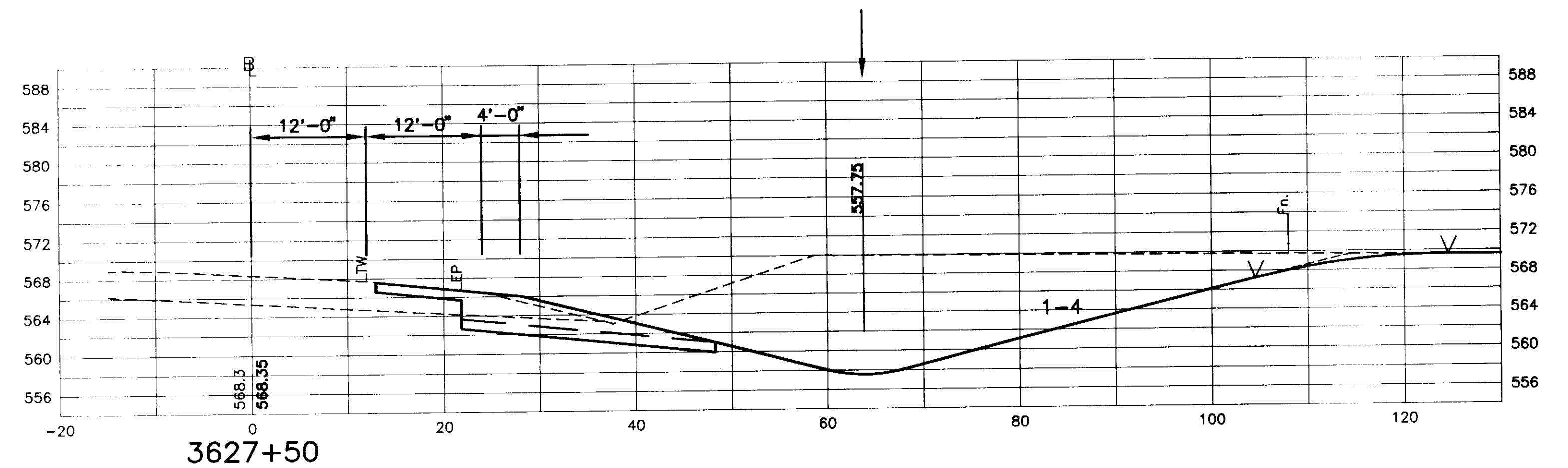
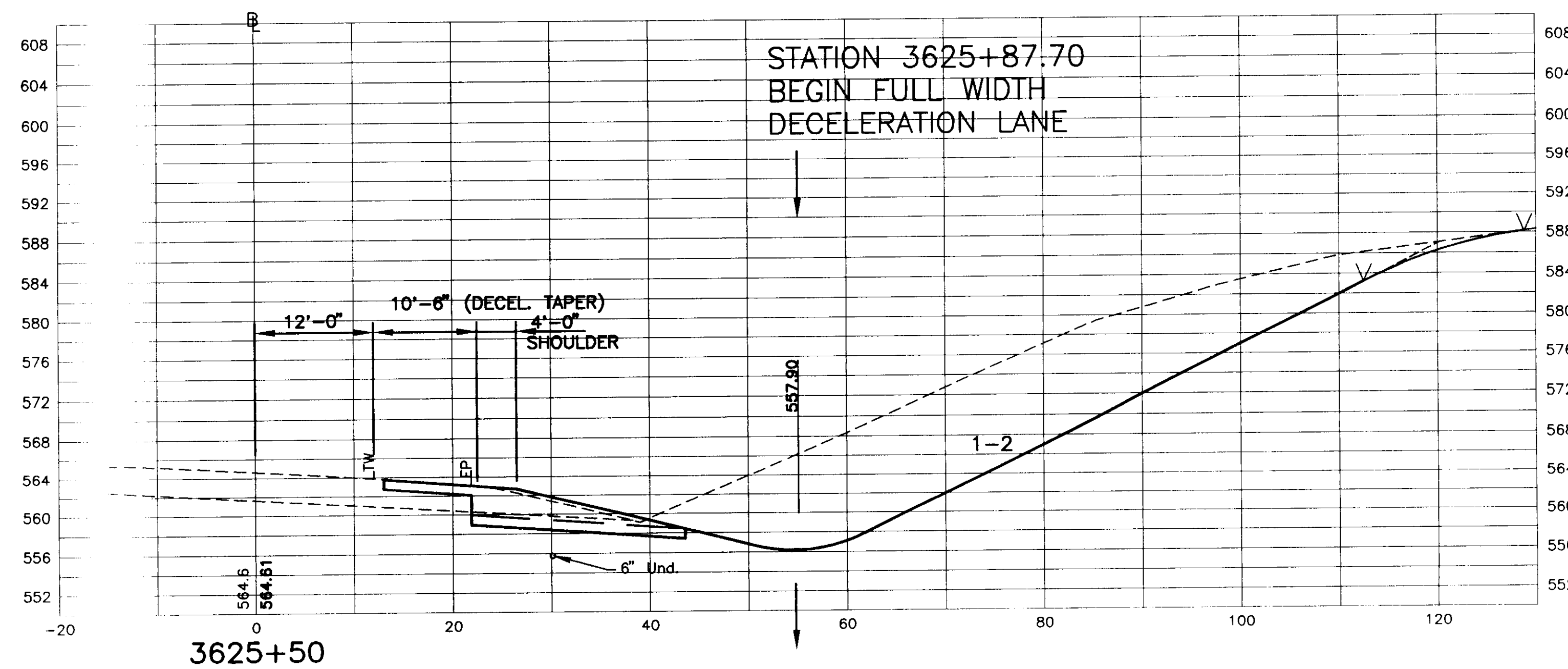
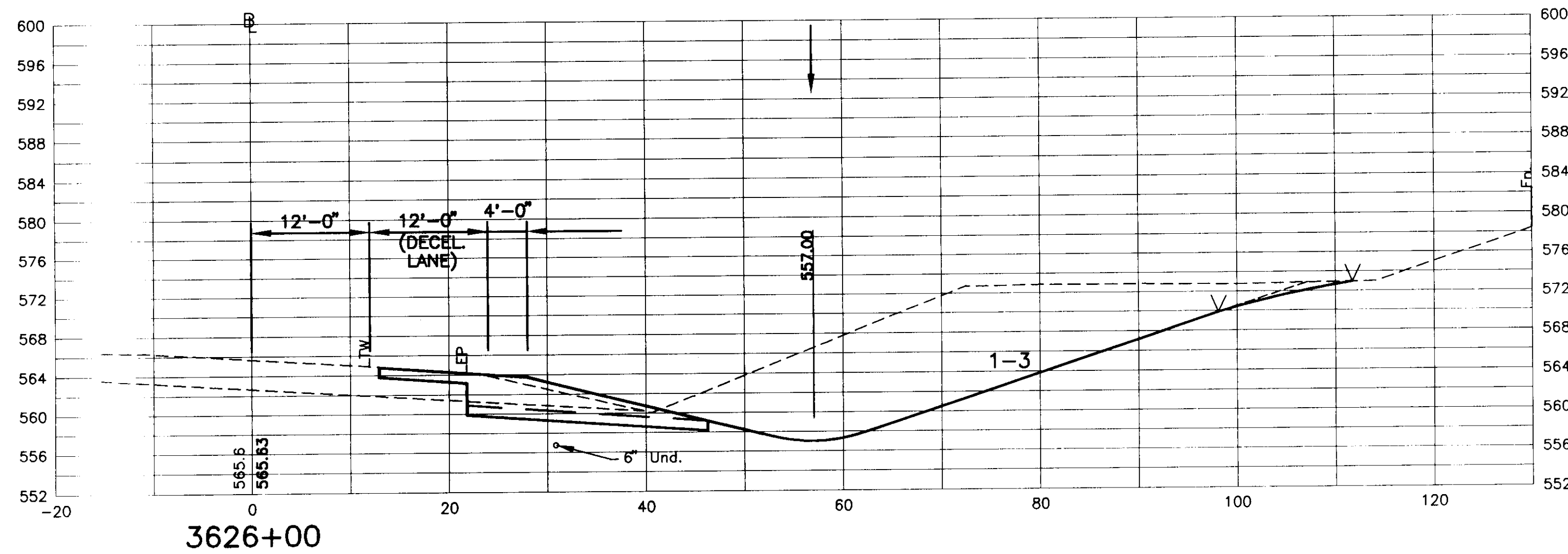
HARTFORD, VT. I-91
INFORMATION CENTERS

NORTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R57



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King Inc.
Highway Design
Site Engineering
Mechanical and
Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

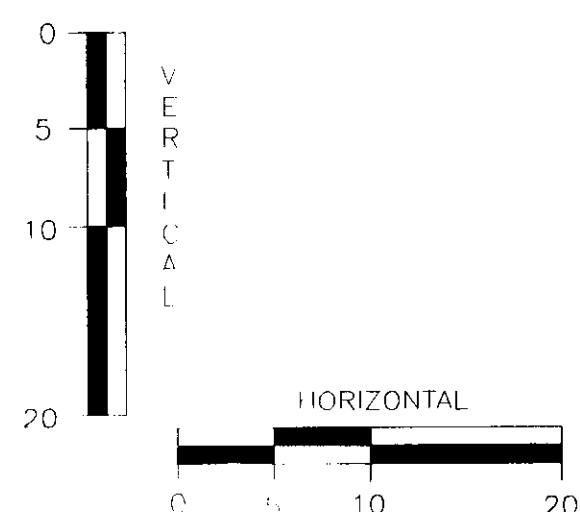
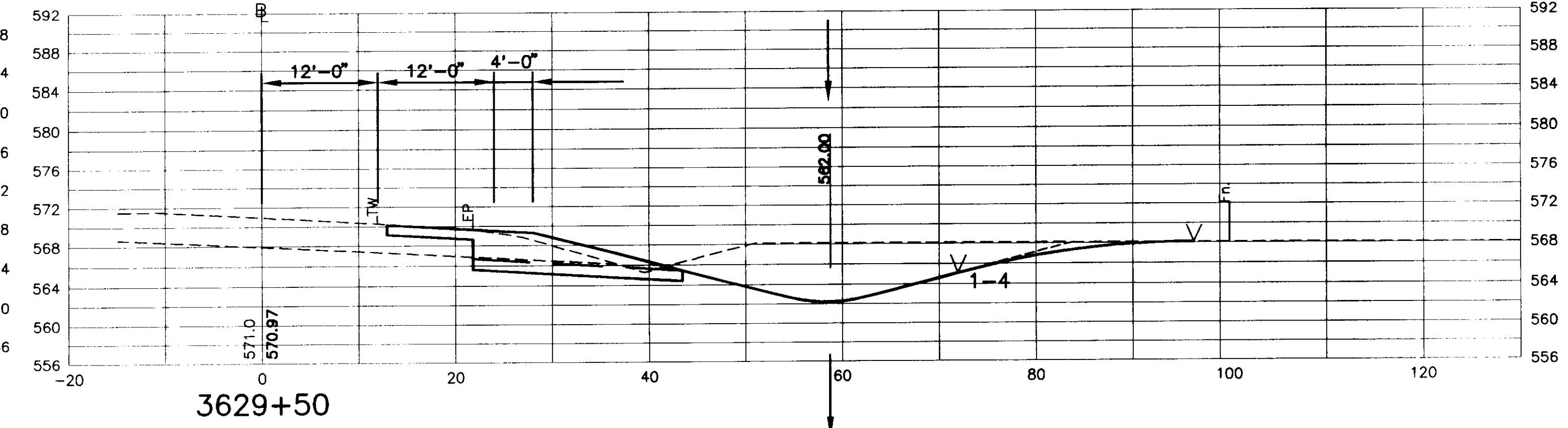
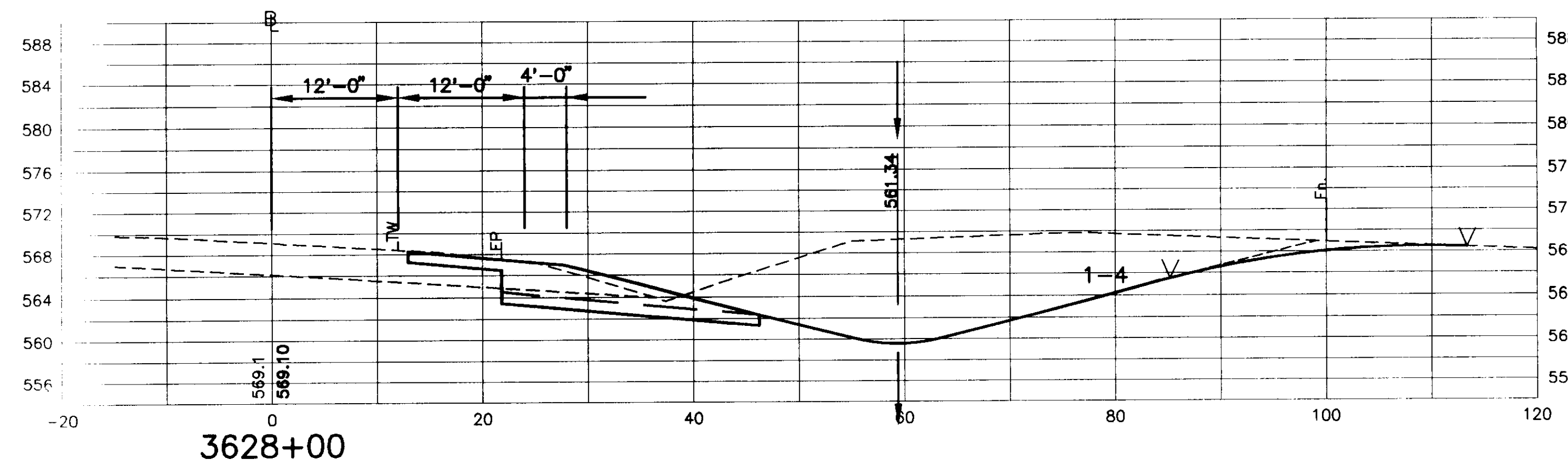
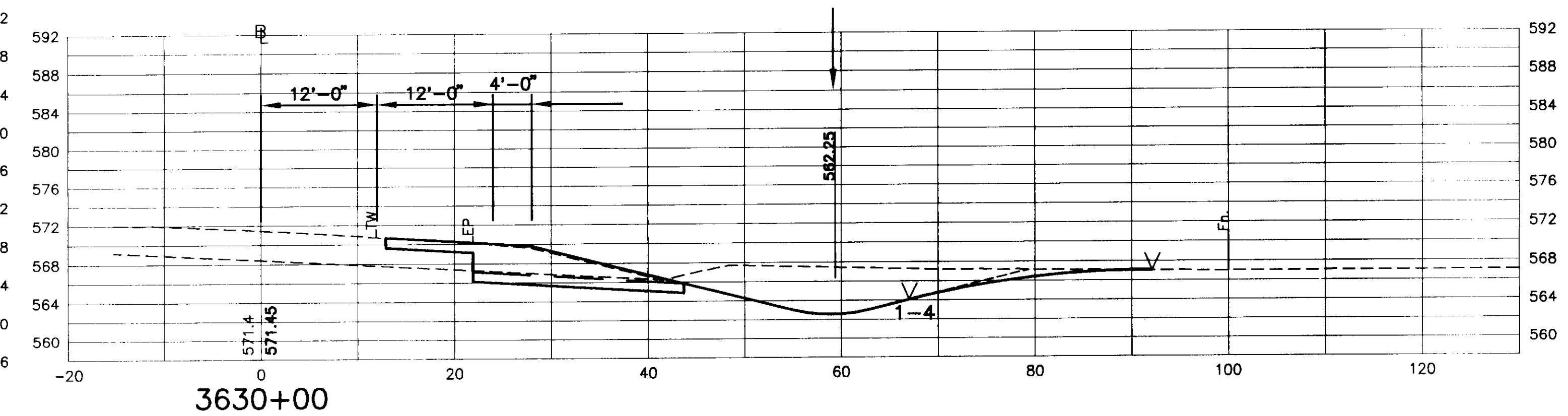
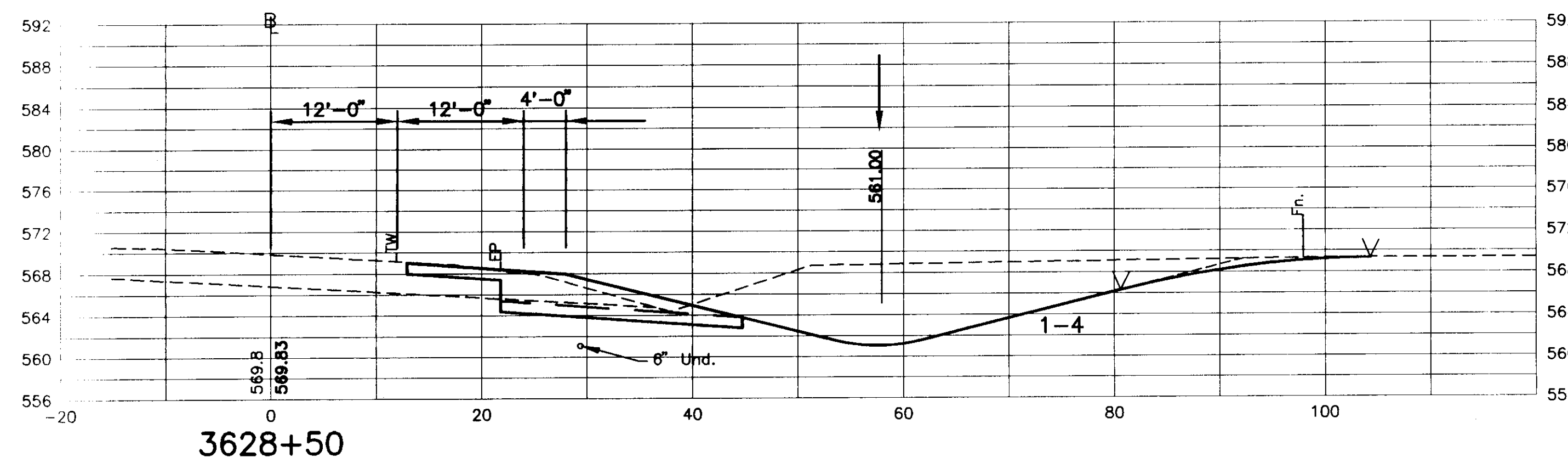
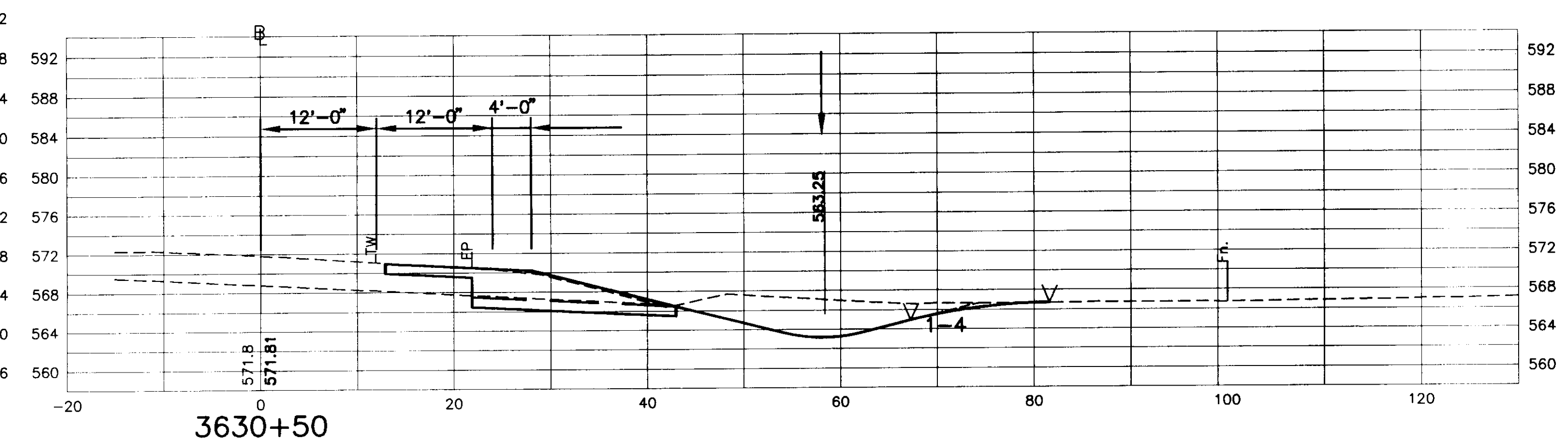
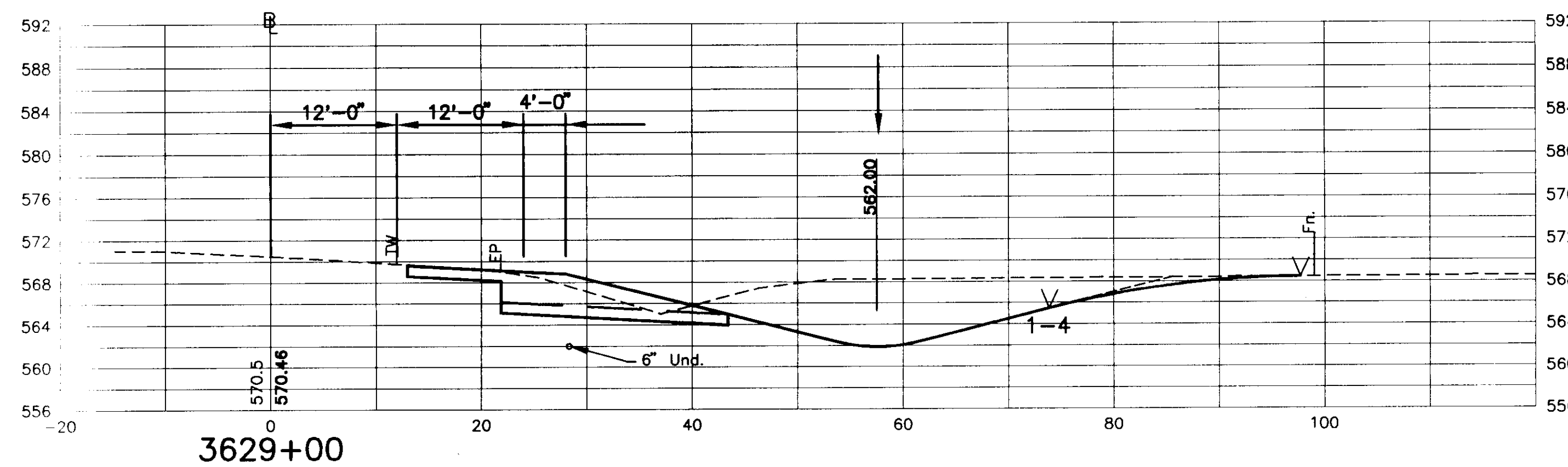
NORTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R58

N-199



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King Inc.
·Highway Design
·Site Engineering
·Mechanical and
·Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

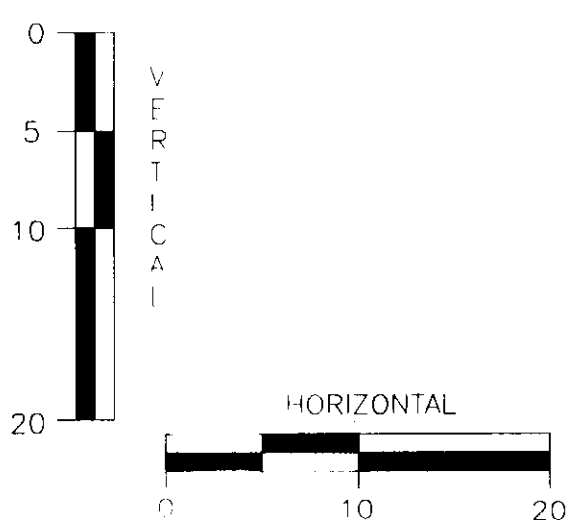
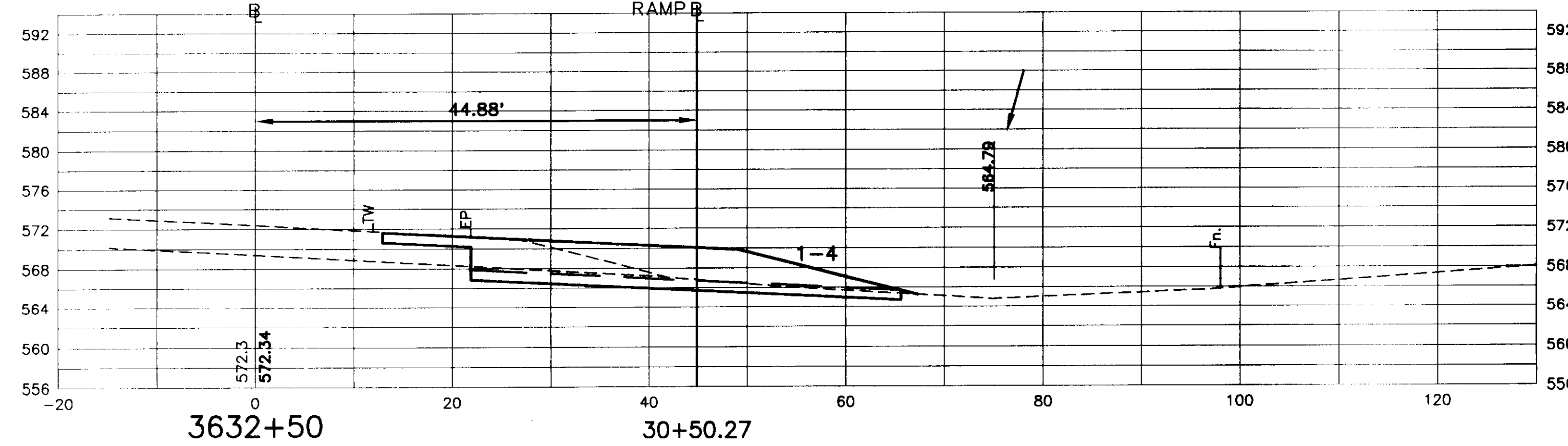
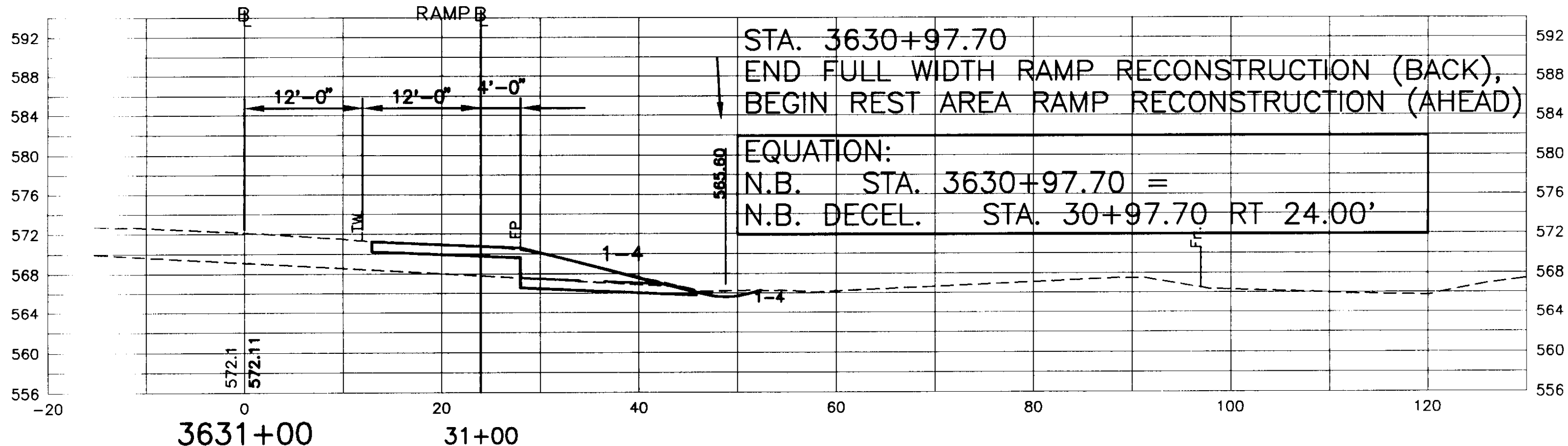
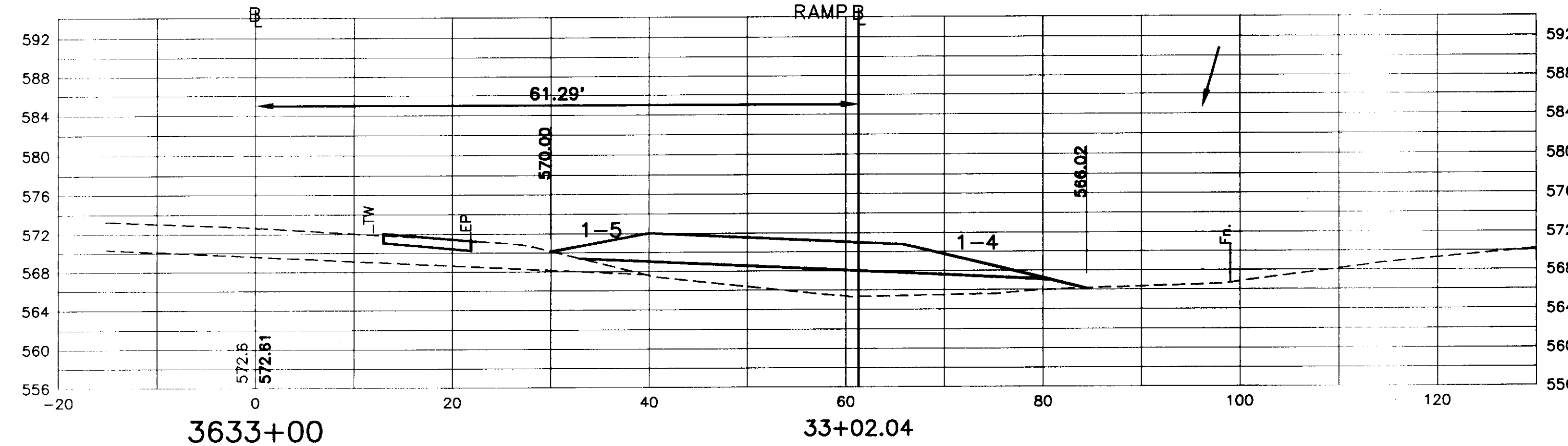
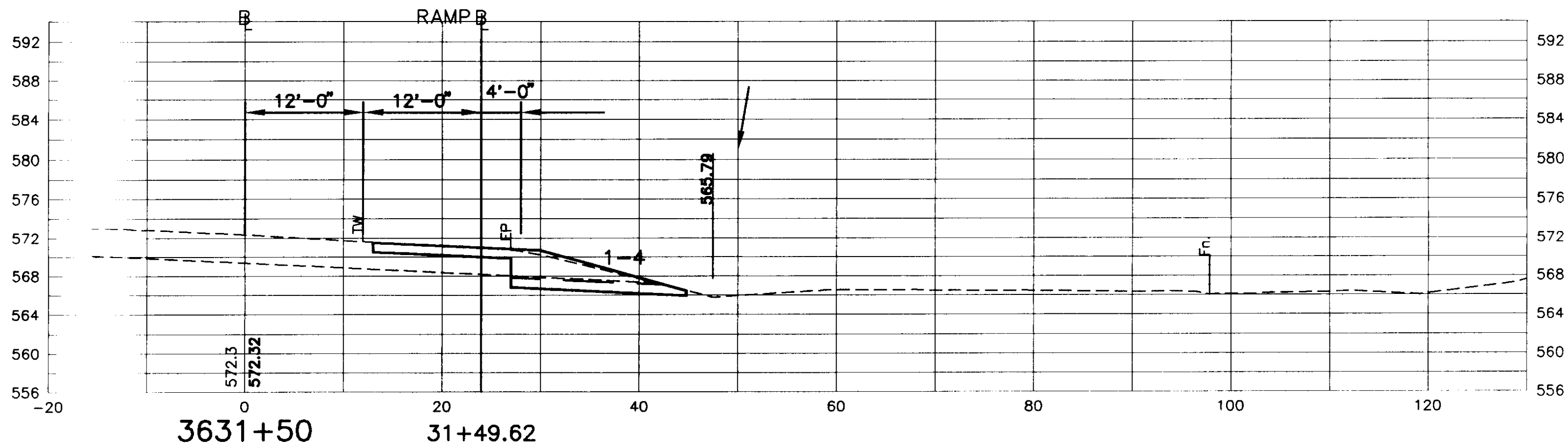
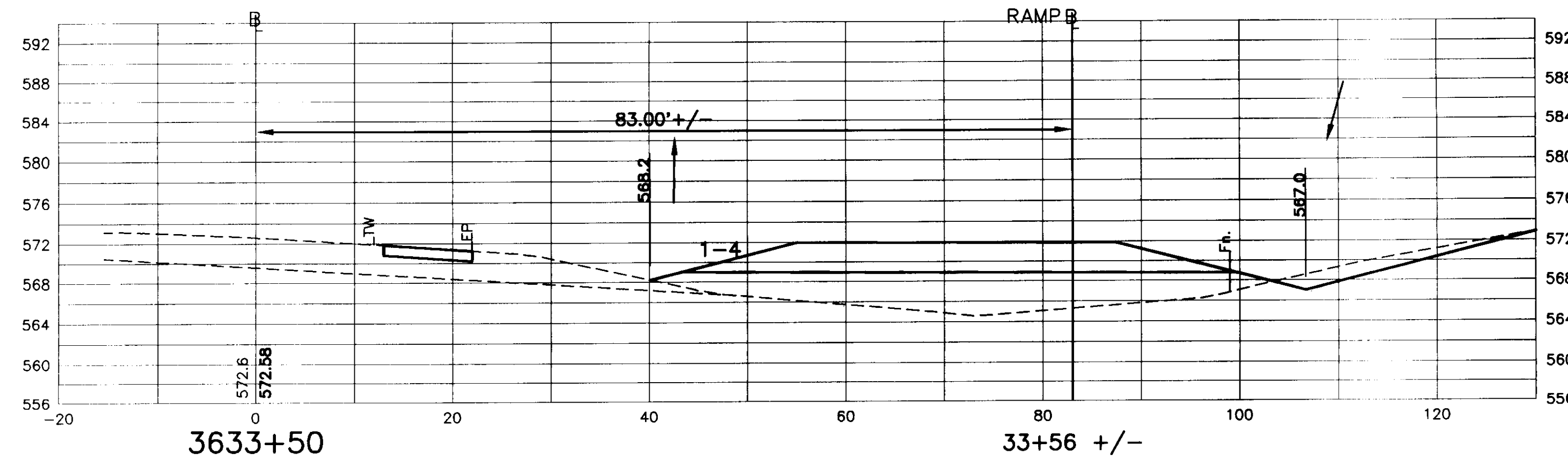
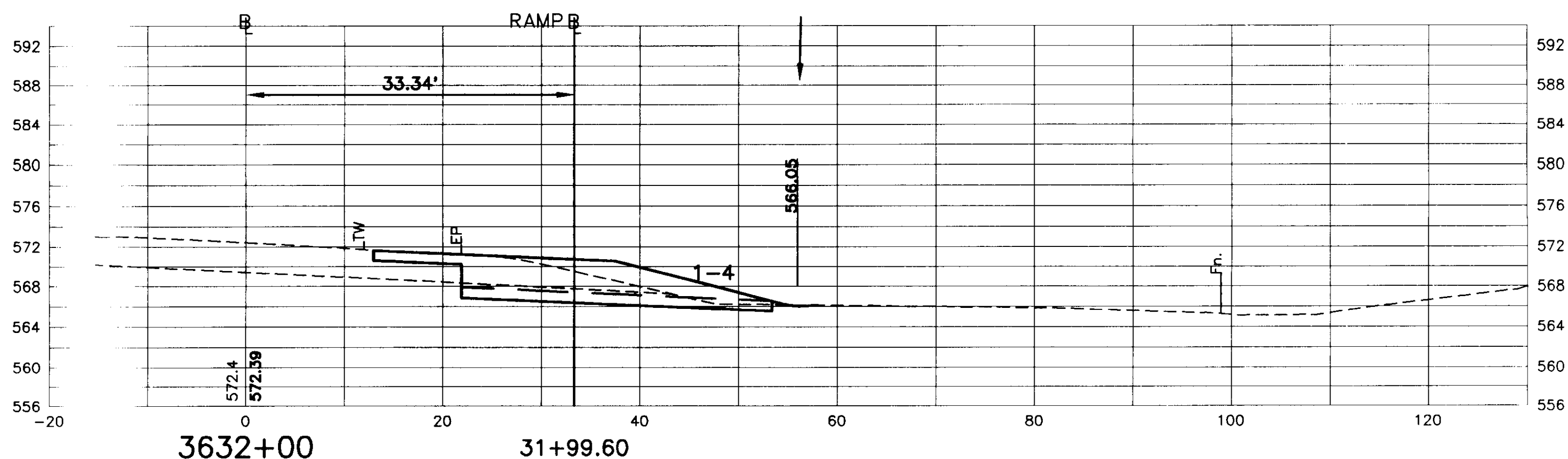
NORTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R59

QUANTITY MATCH LINE FOR HIGHWAY /
SITE WORK STA. 33+50
(SEE PAVEMENT GRADING PLANS)



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

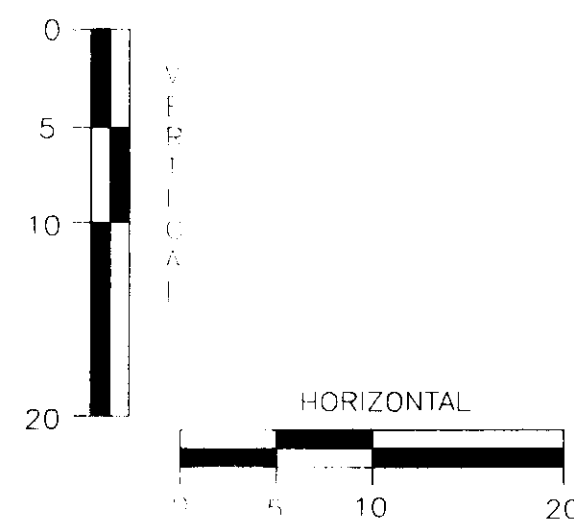
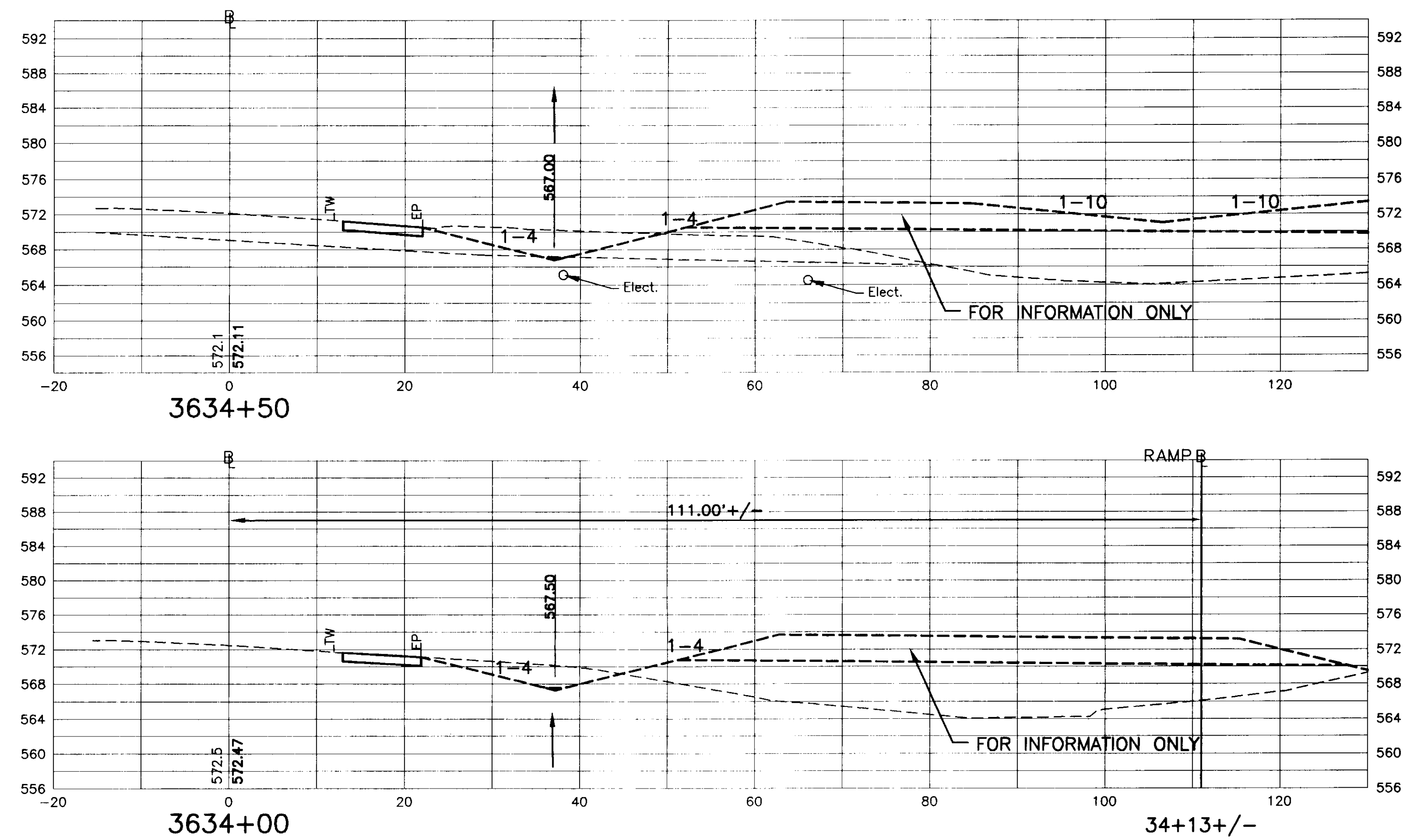
NORTHBOUND
CROSS SECTIONS

FINAL PLANS

R60

2/15/96

M-201



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
• Highway Design
• Site Engineering
• Mechanical and
• Electrical Engineers

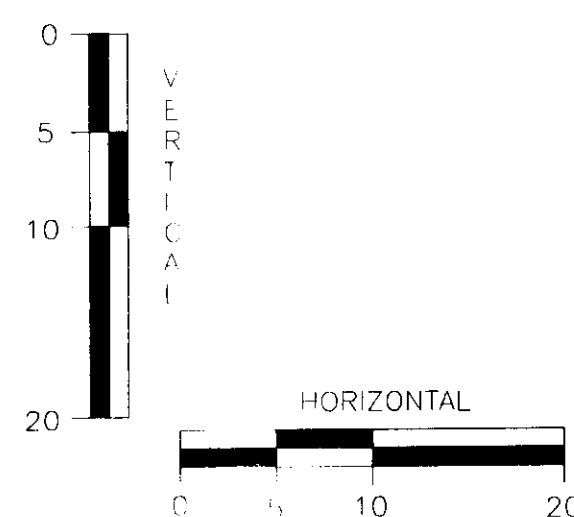
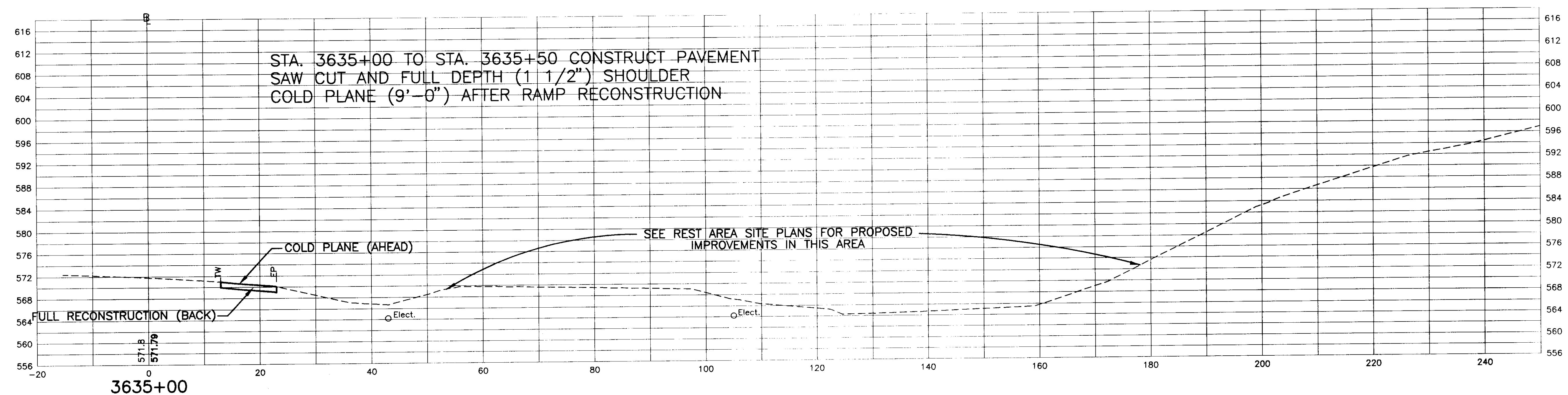
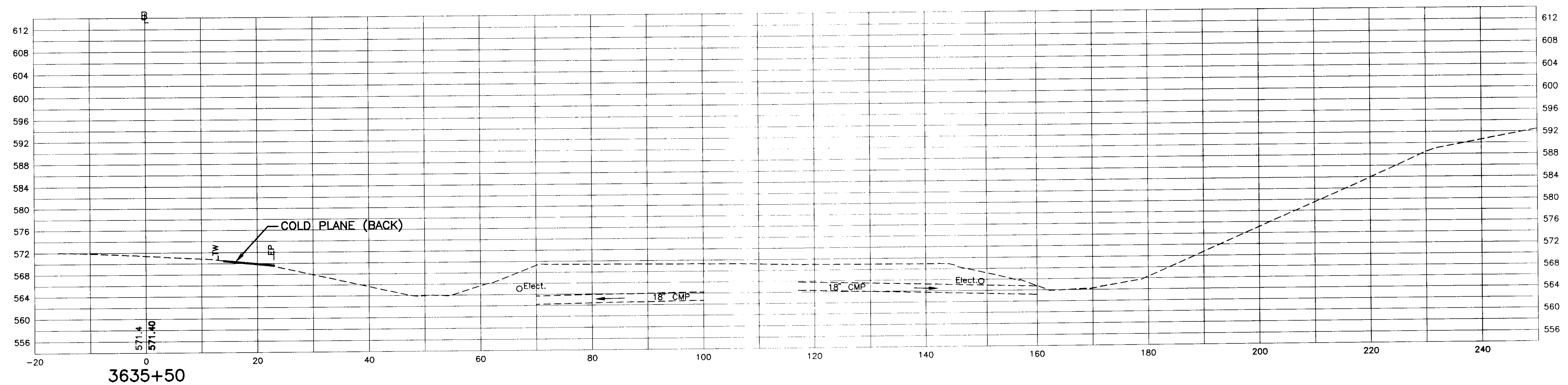
HARTFORD, VT. I-91
INFORMATION CENTERS

NORTHBOUND
CROSS SECTIONS

FINAL PLANS

R61

2/15/96



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

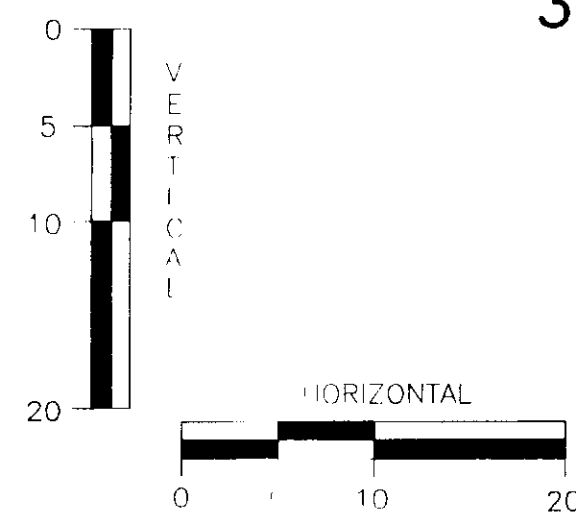
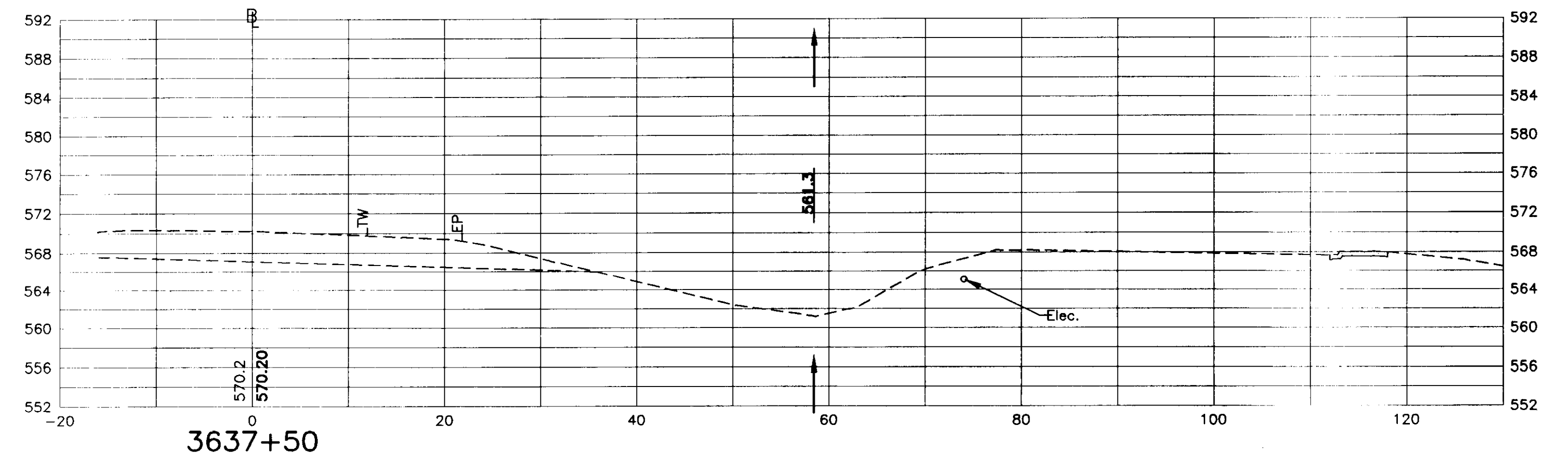
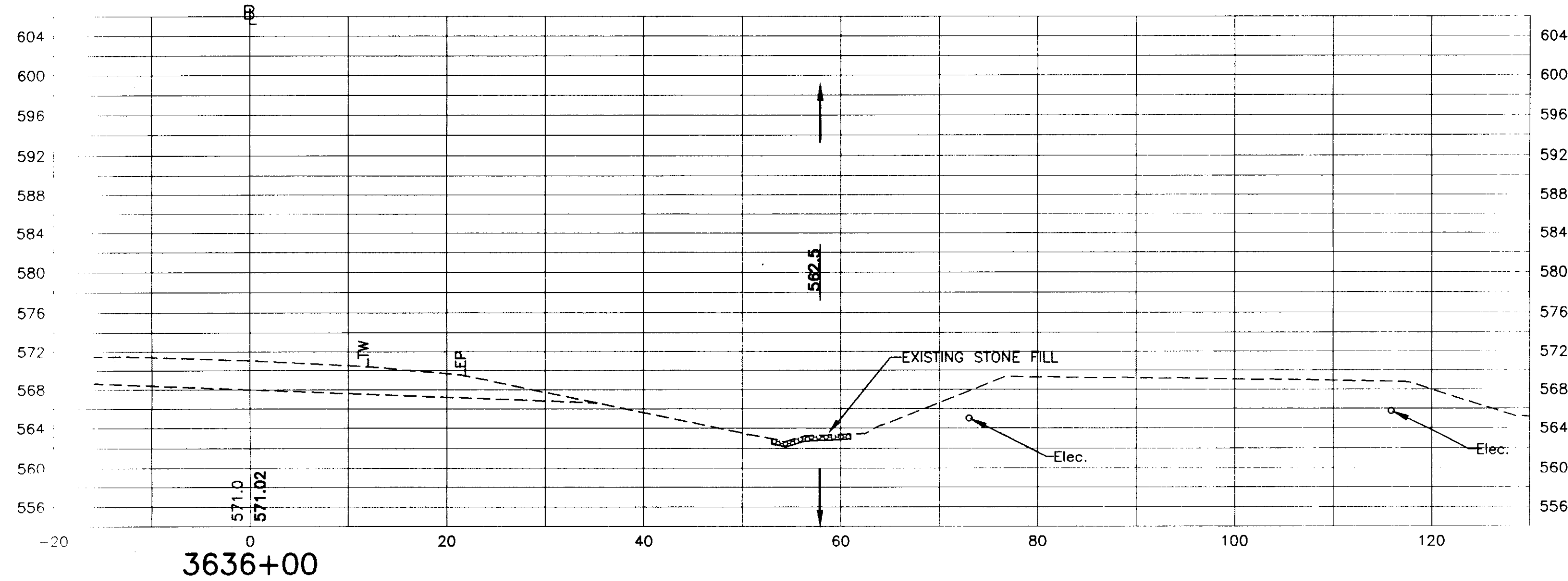
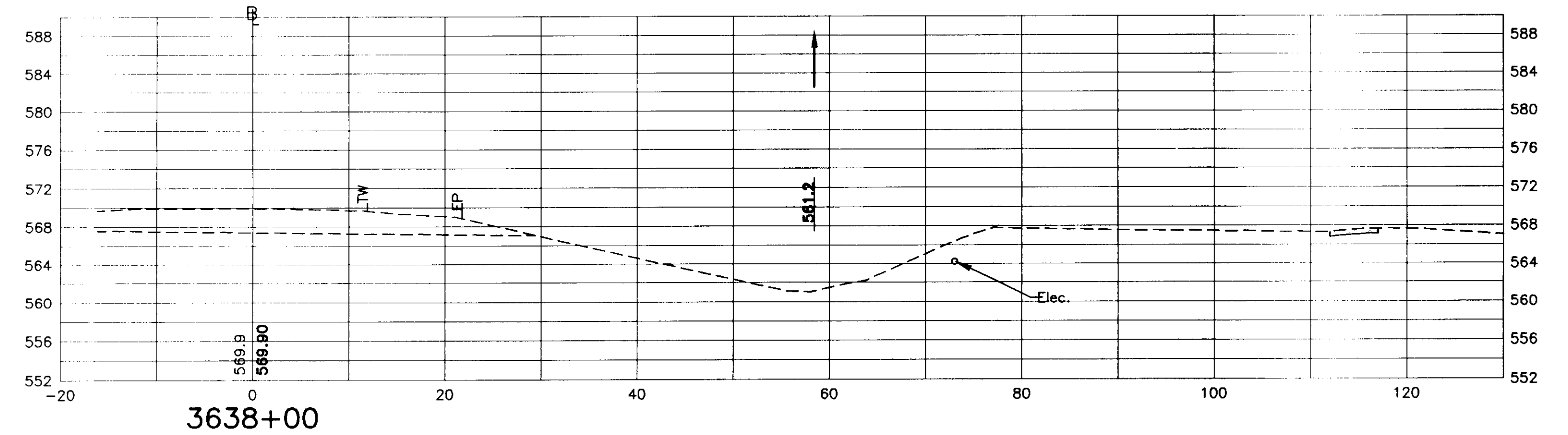
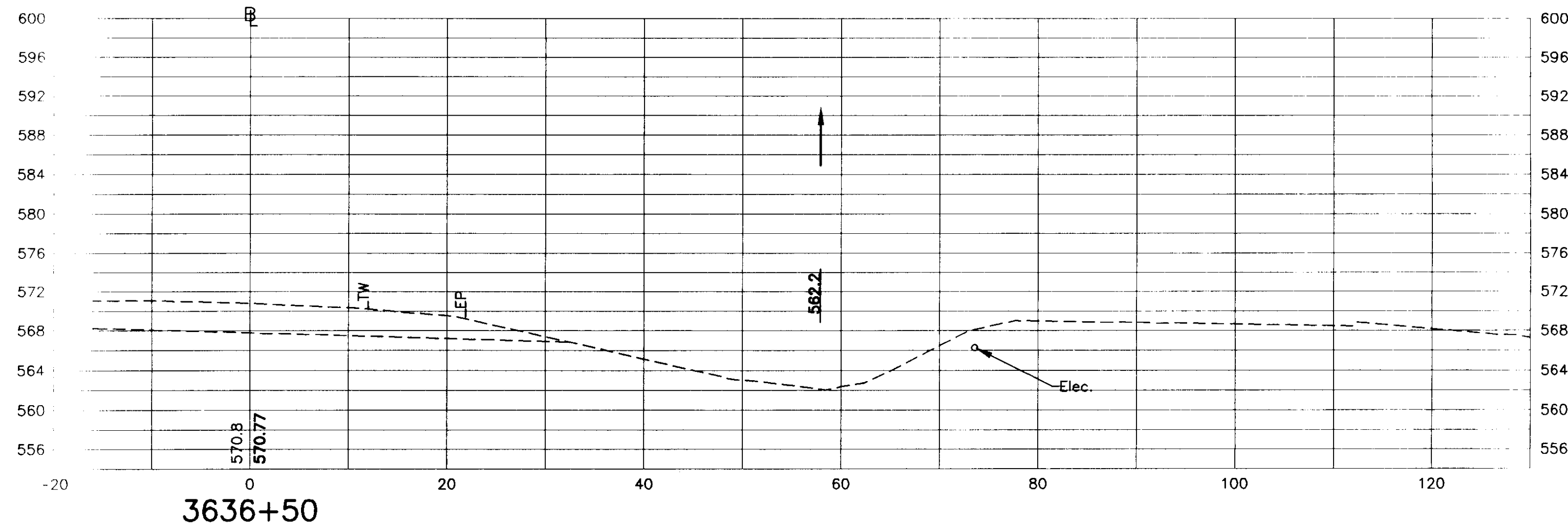
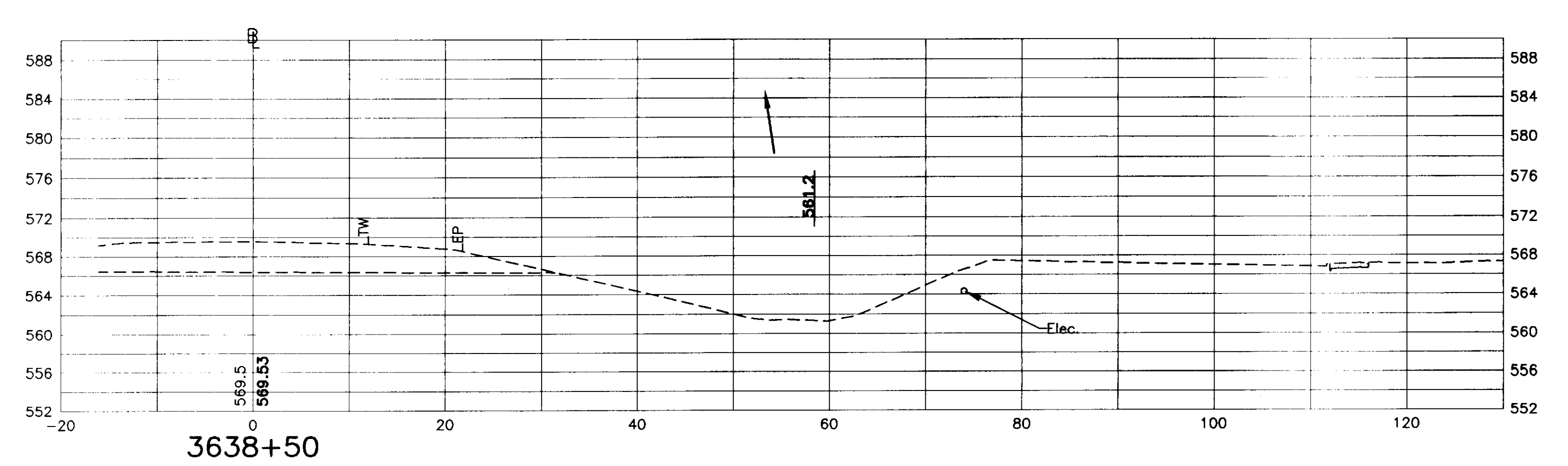
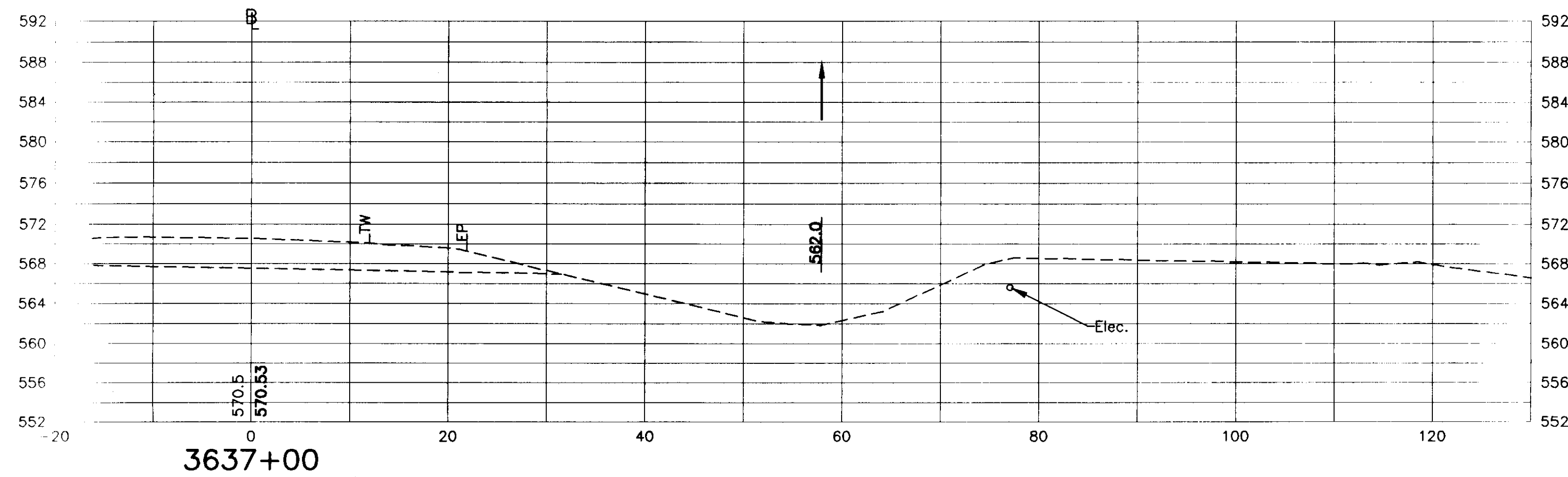
DuBois & King inc.
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

NORTHBOUND
CROSS SECTIONS

FINAL PLANS
2/15/96

R62



THIS SHEET IS FOR INFORMATION ONLY
(SEE REST AREA SITE PLANS)

N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King Inc.
• Highway Design
• Site Engineering
• Mechanical and
• Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

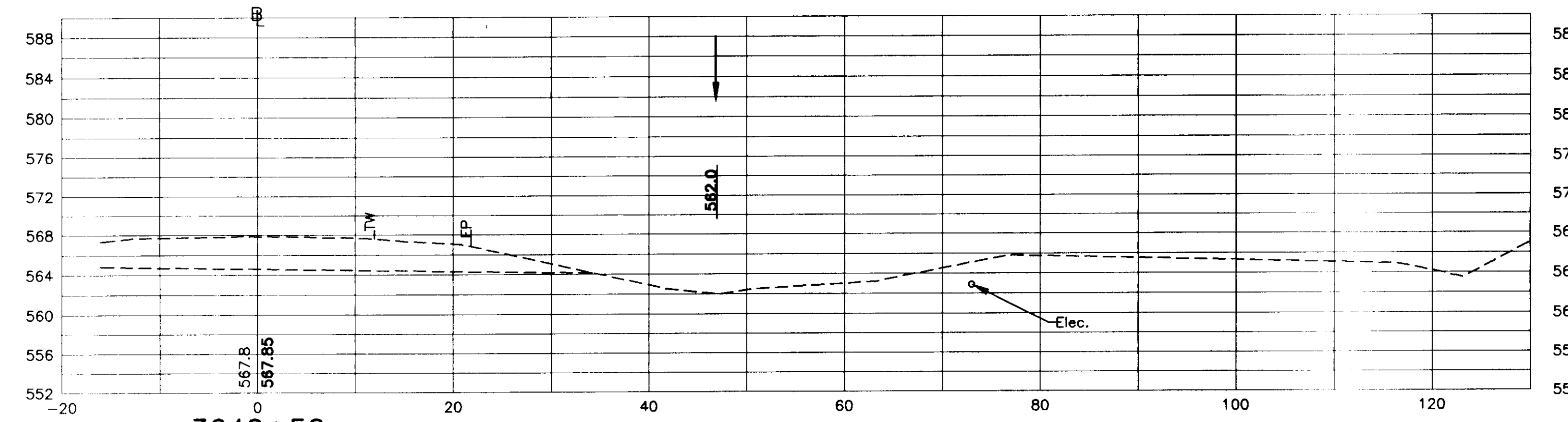
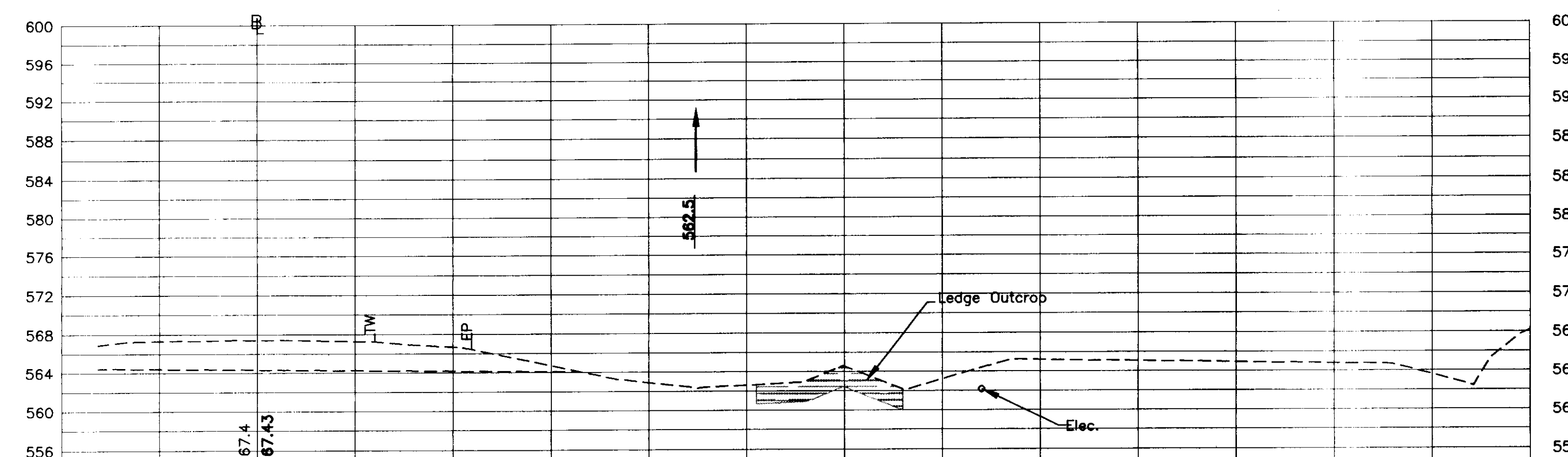
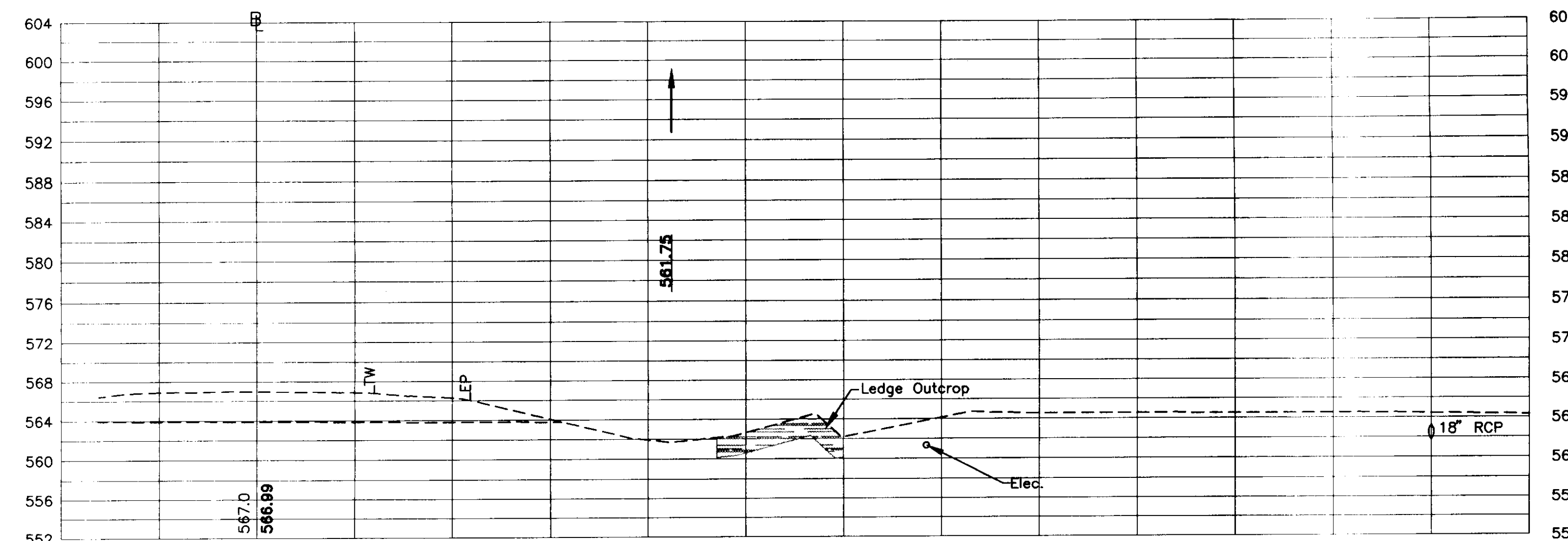
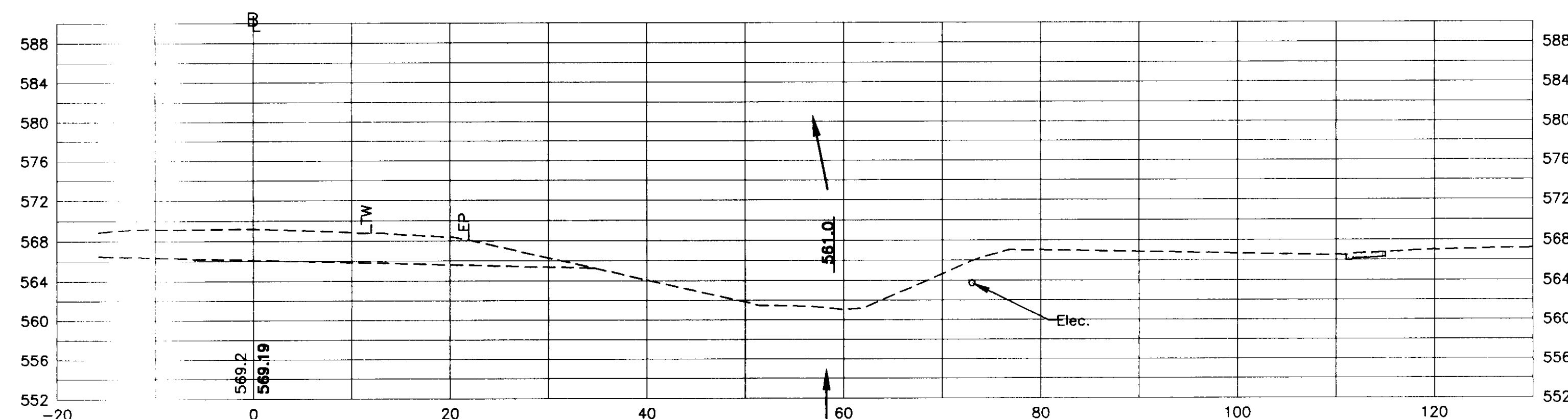
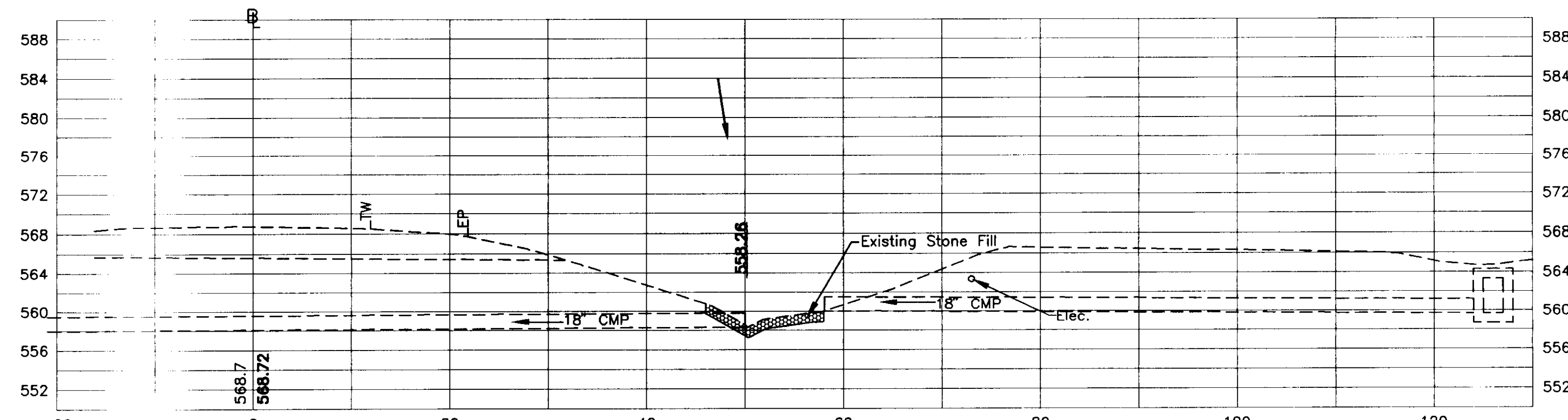
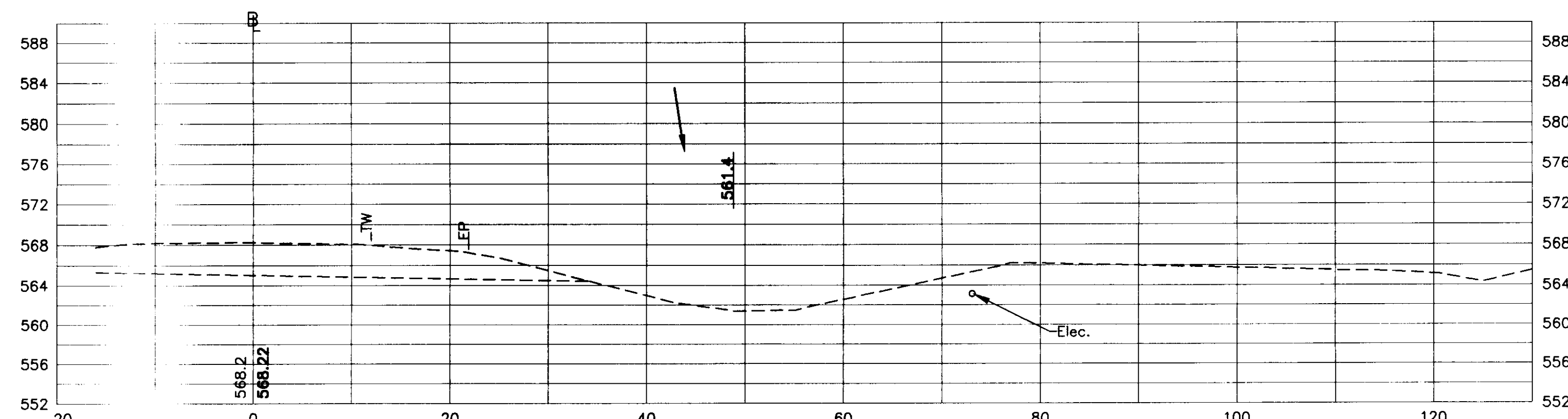
NORTHBOUND
CROSS SECTIONS

FINAL PLANS

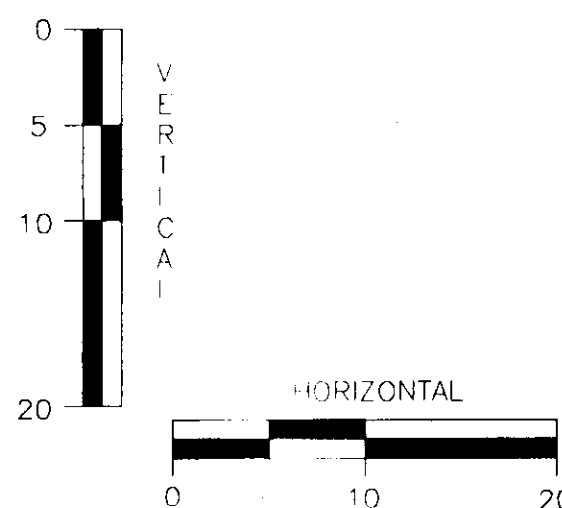
R63

2/15/96

11-204



THIS SHEET IS FOR INFORMATION ONLY
(SEE REST AREA SITE PLANS)



N·B·F
Nimtz·Berryhill·Fiegel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
Highway Design
Site Engineering
Mechanical and
Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

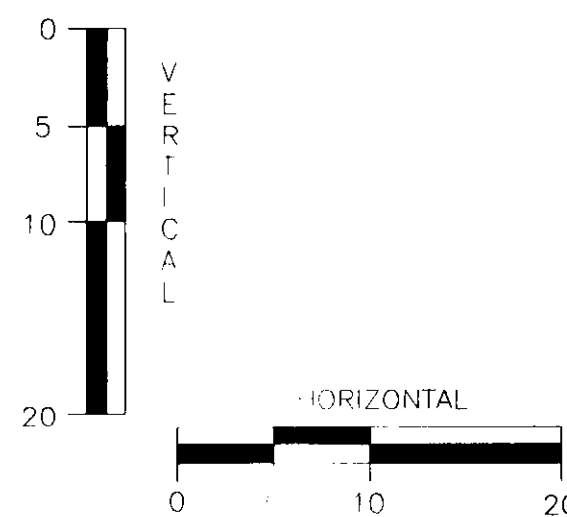
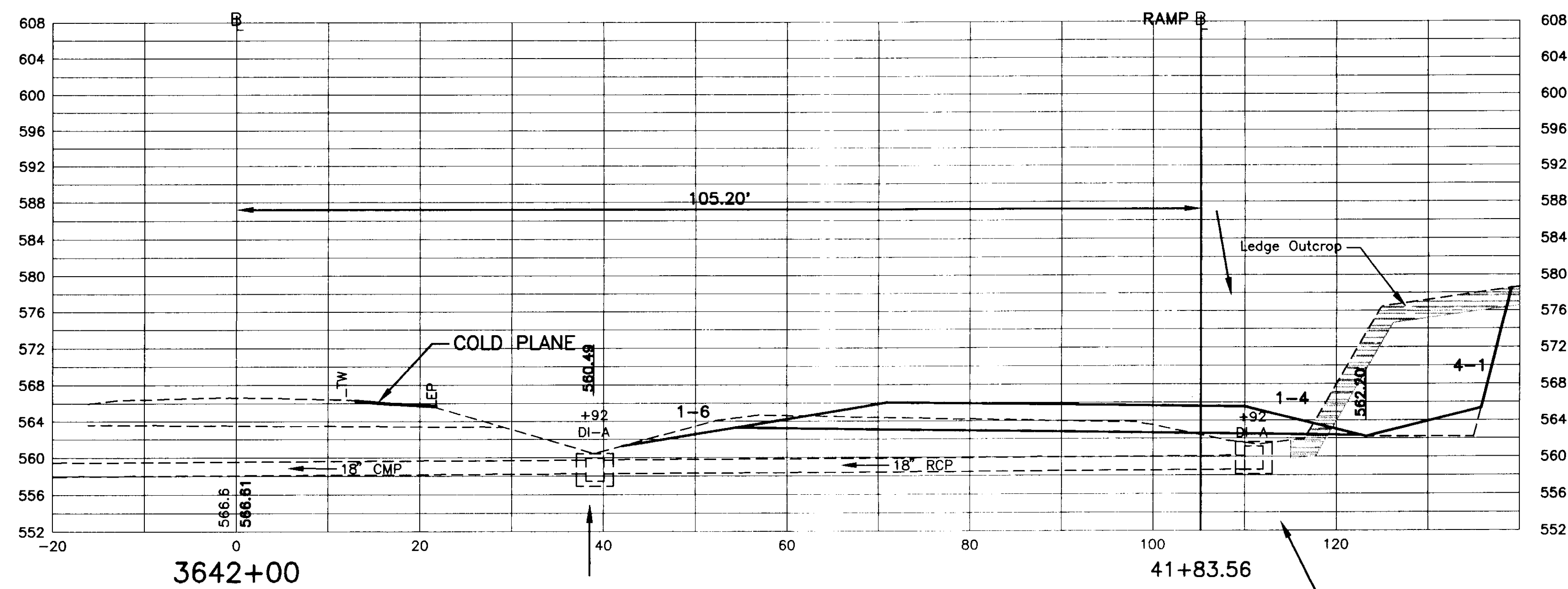
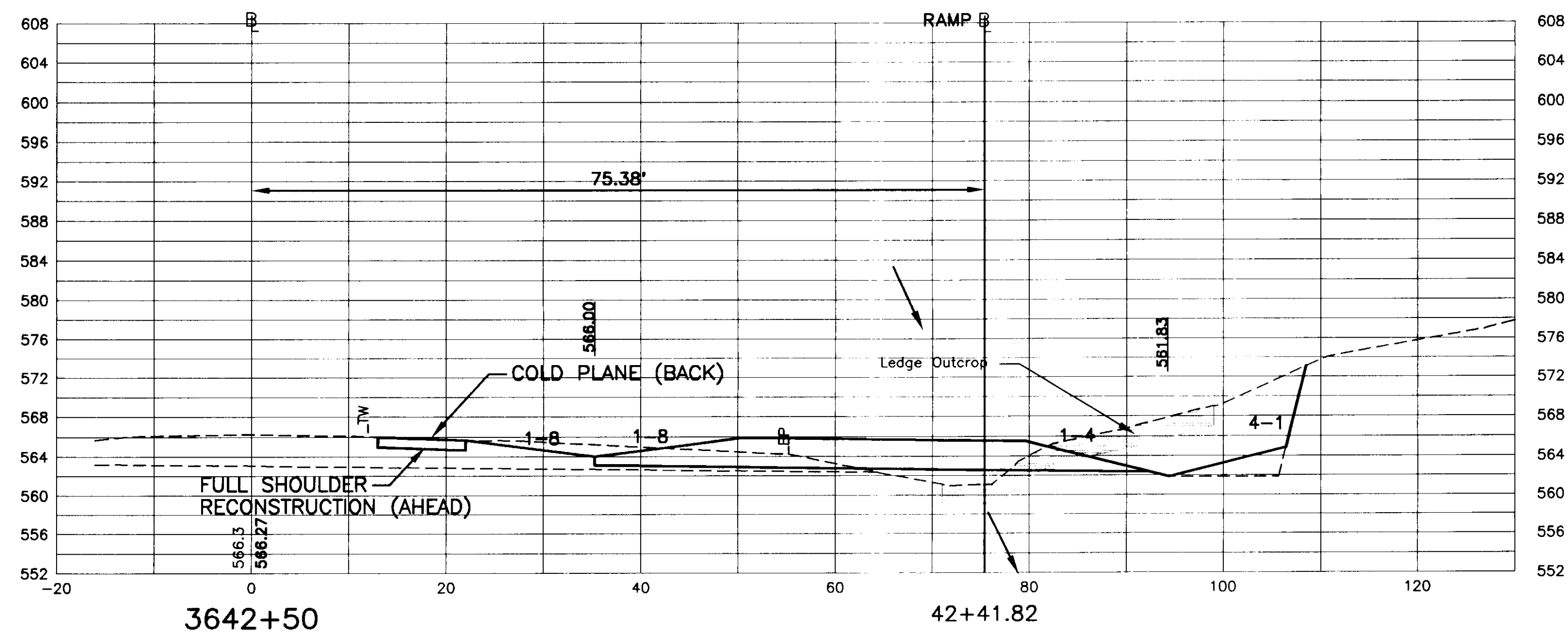
NORTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R64

4-205



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King Inc.
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

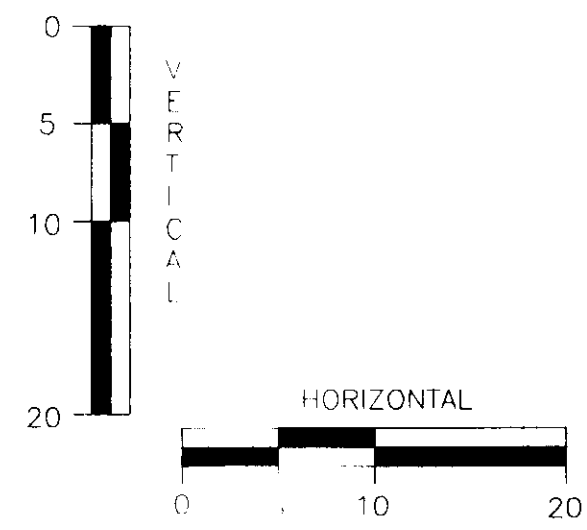
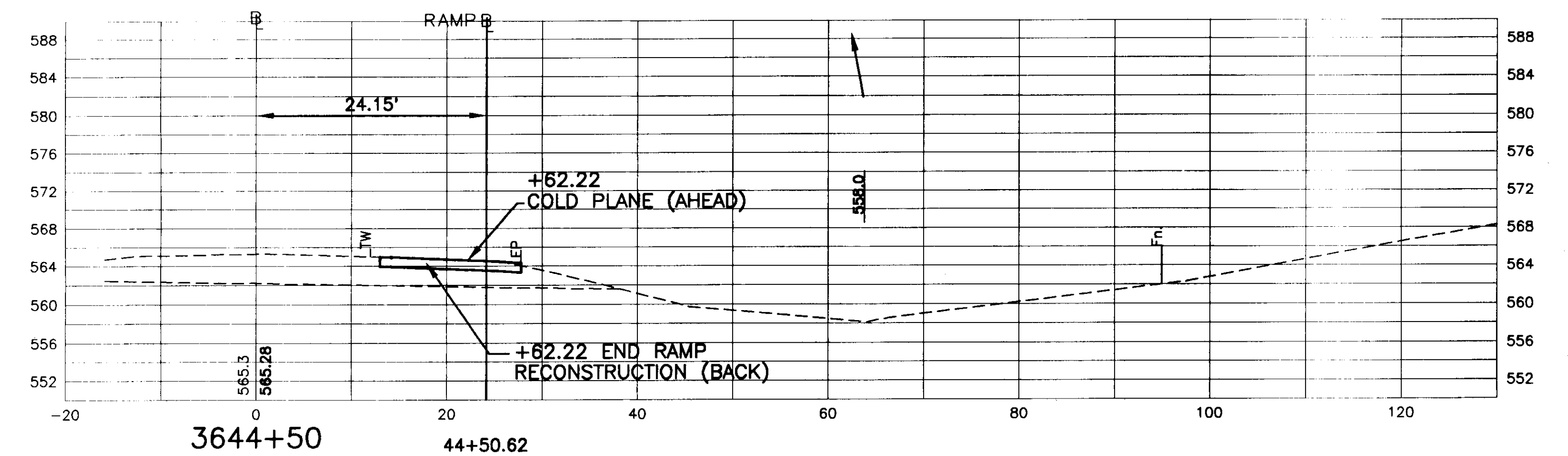
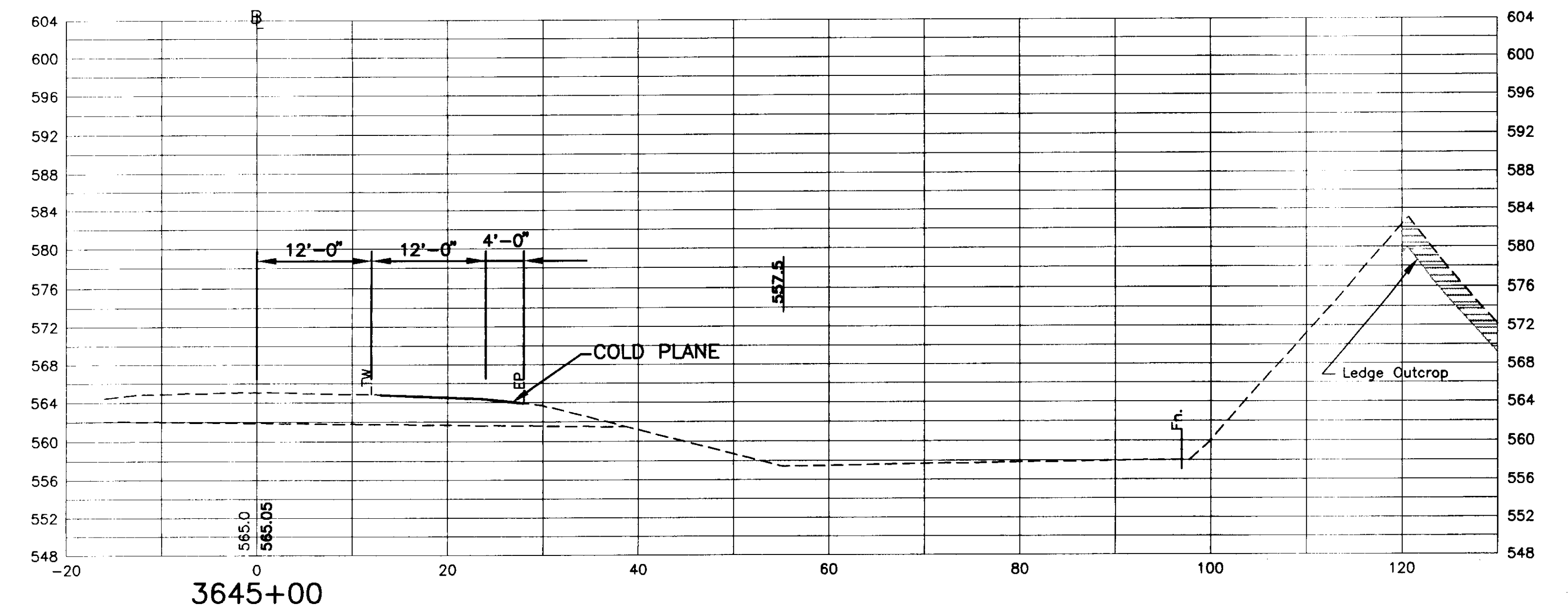
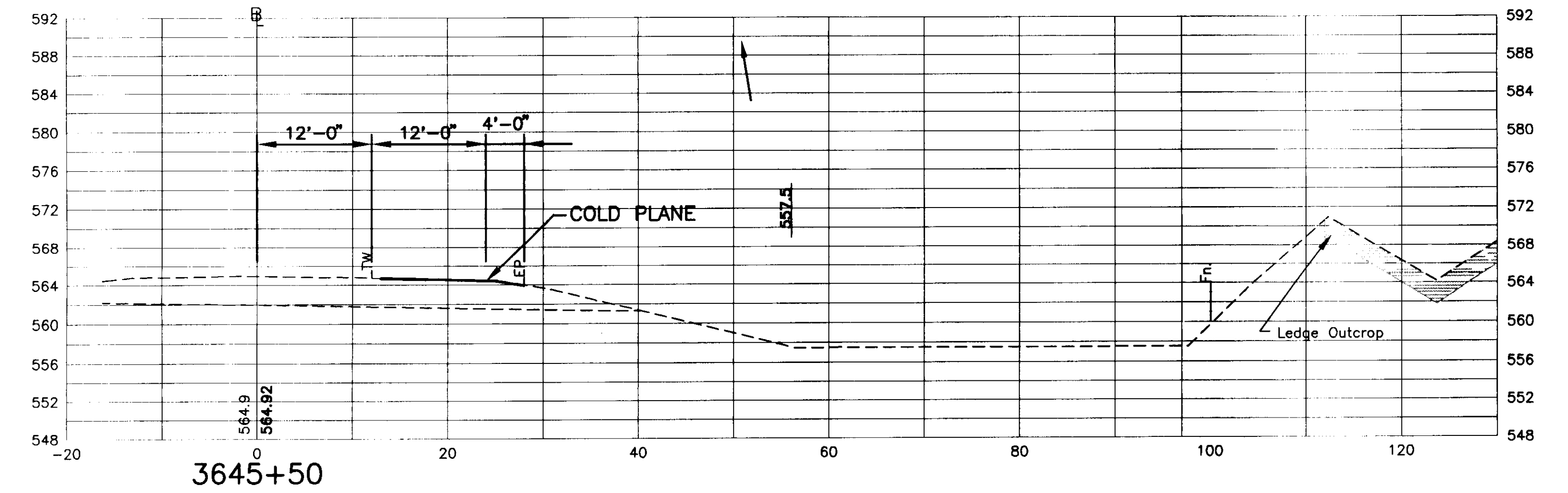
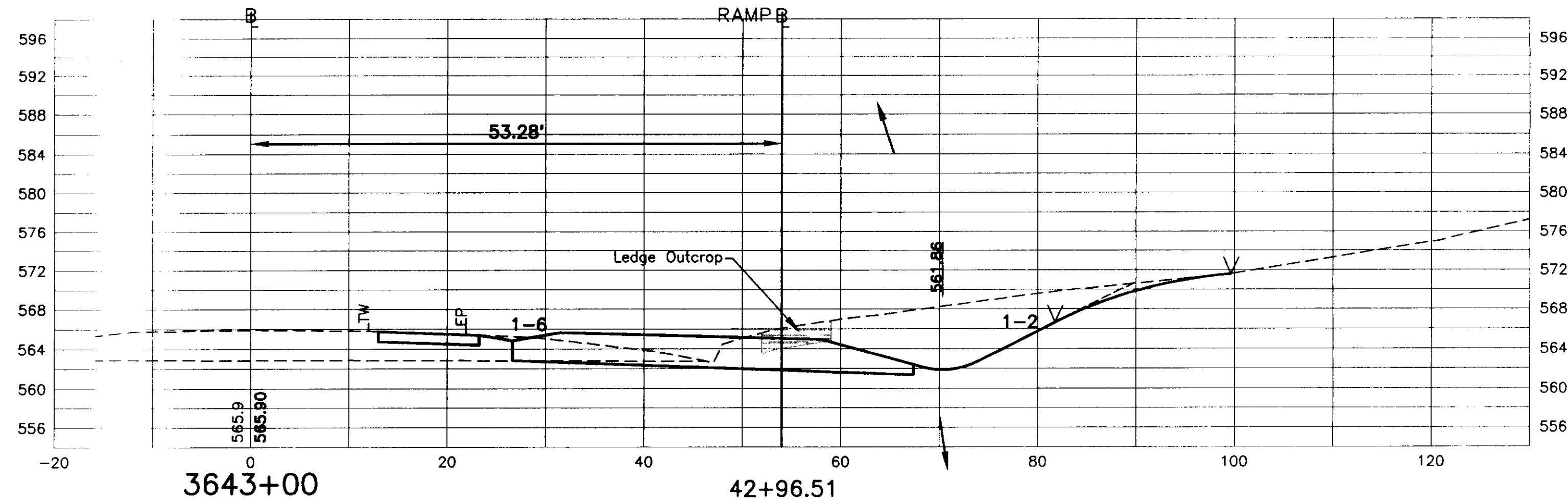
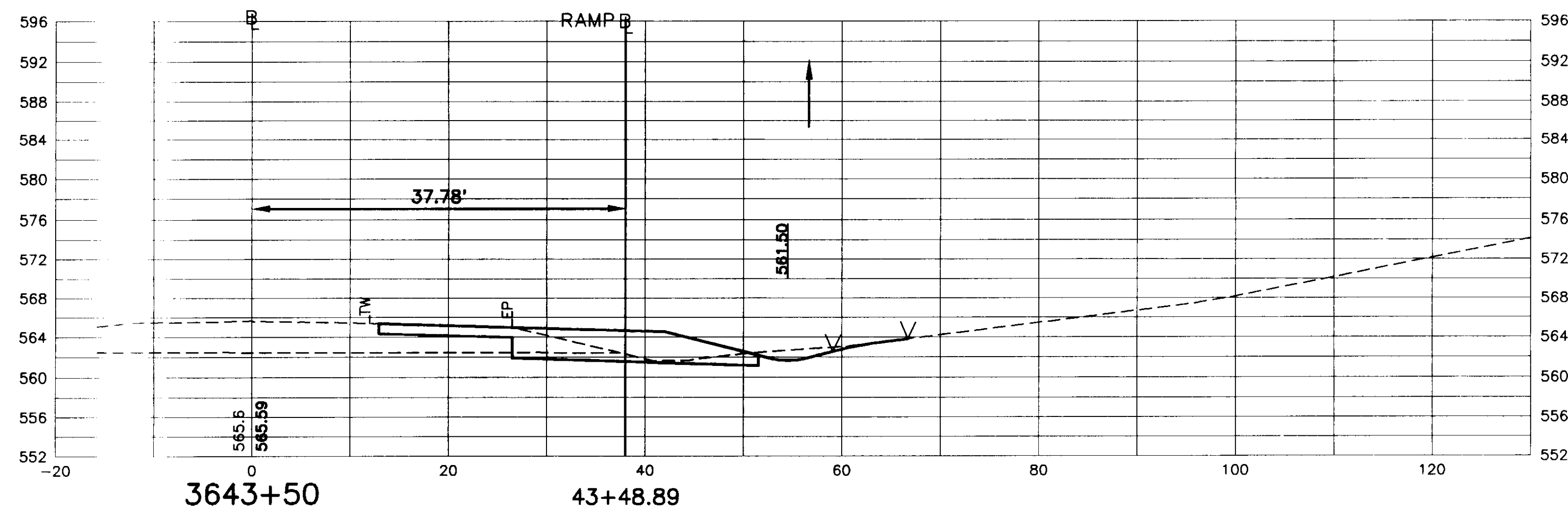
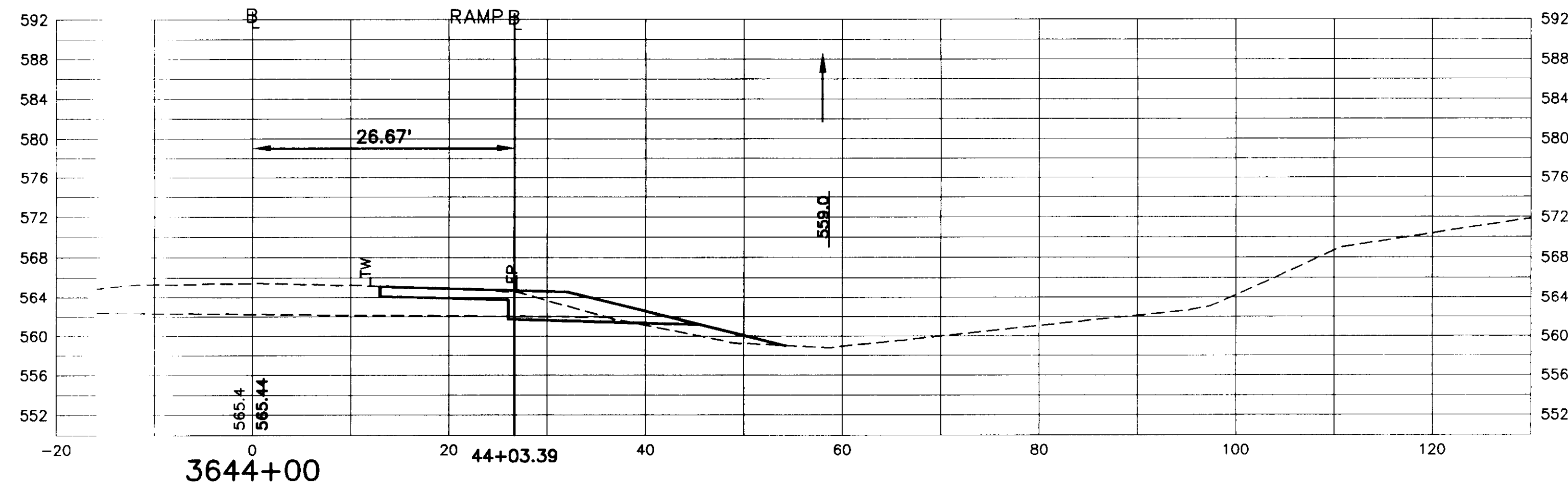
NORTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R65

N-206



N·B·F
Nimtz Berryhill Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingville, Vermont 05738

DuBois & King Inc.
Highway Design
Site Engineering
Mechanical and
Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

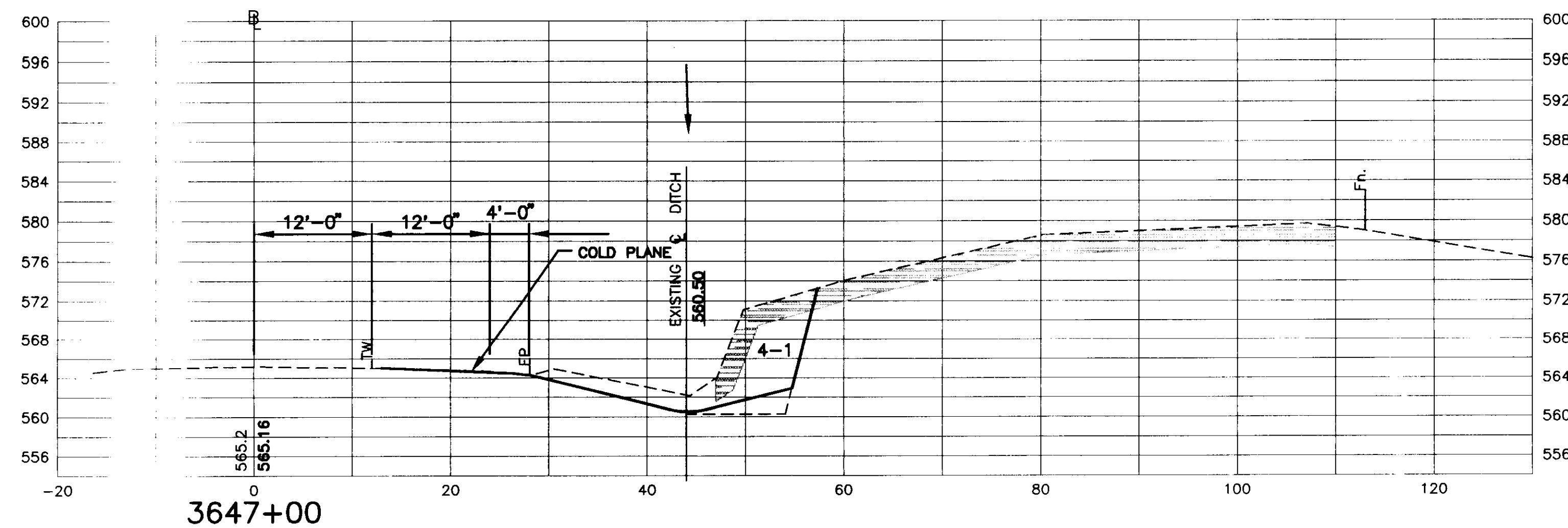
NORTHBOUND
CROSS SECTIONS

FINAL PLANS

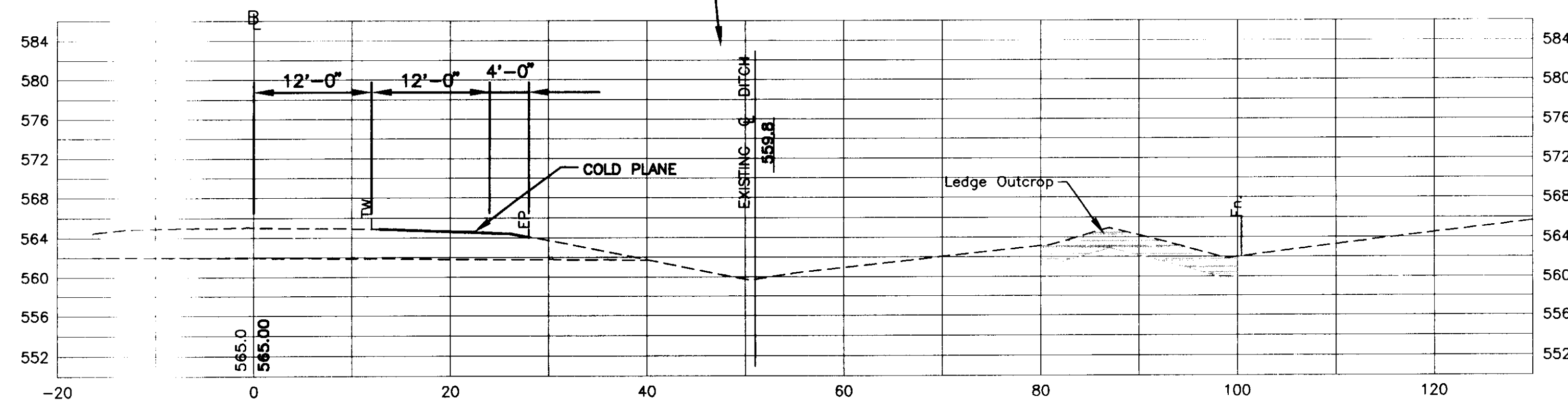
R66

2/15/96

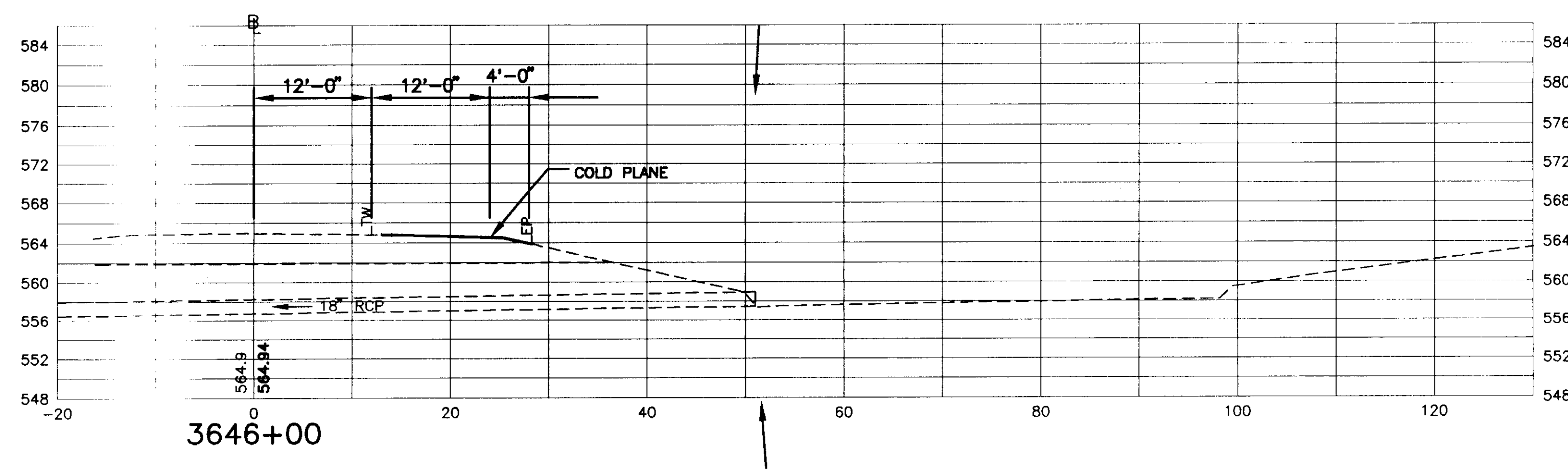
11-207



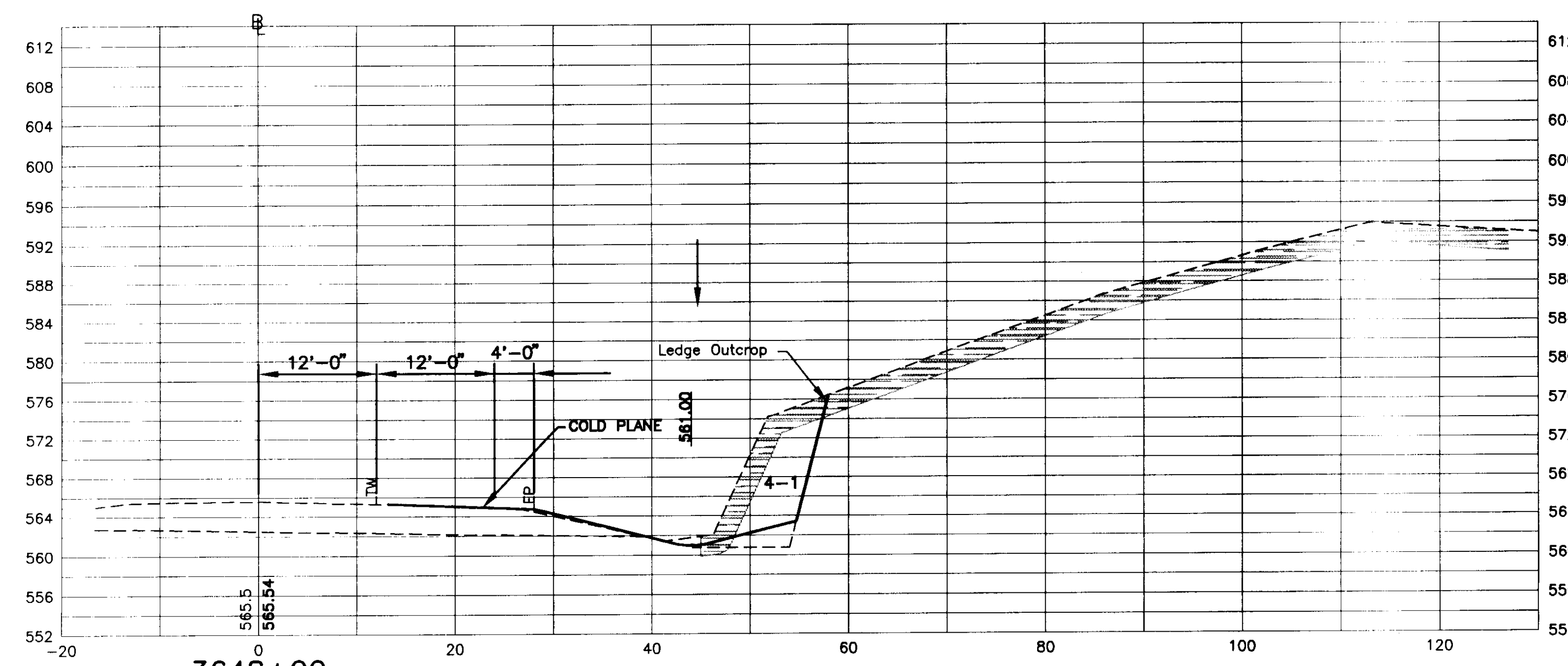
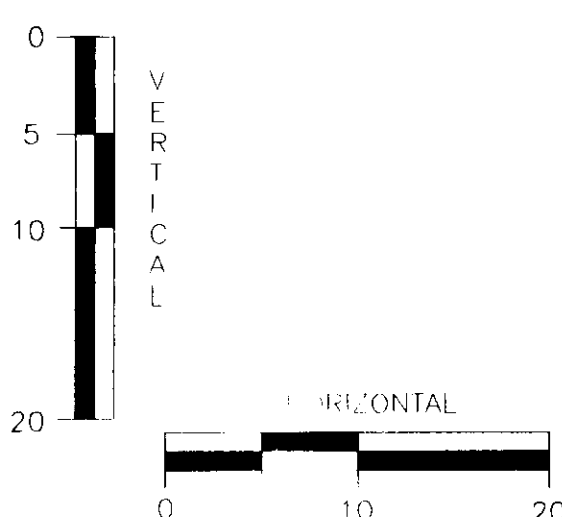
3647+00



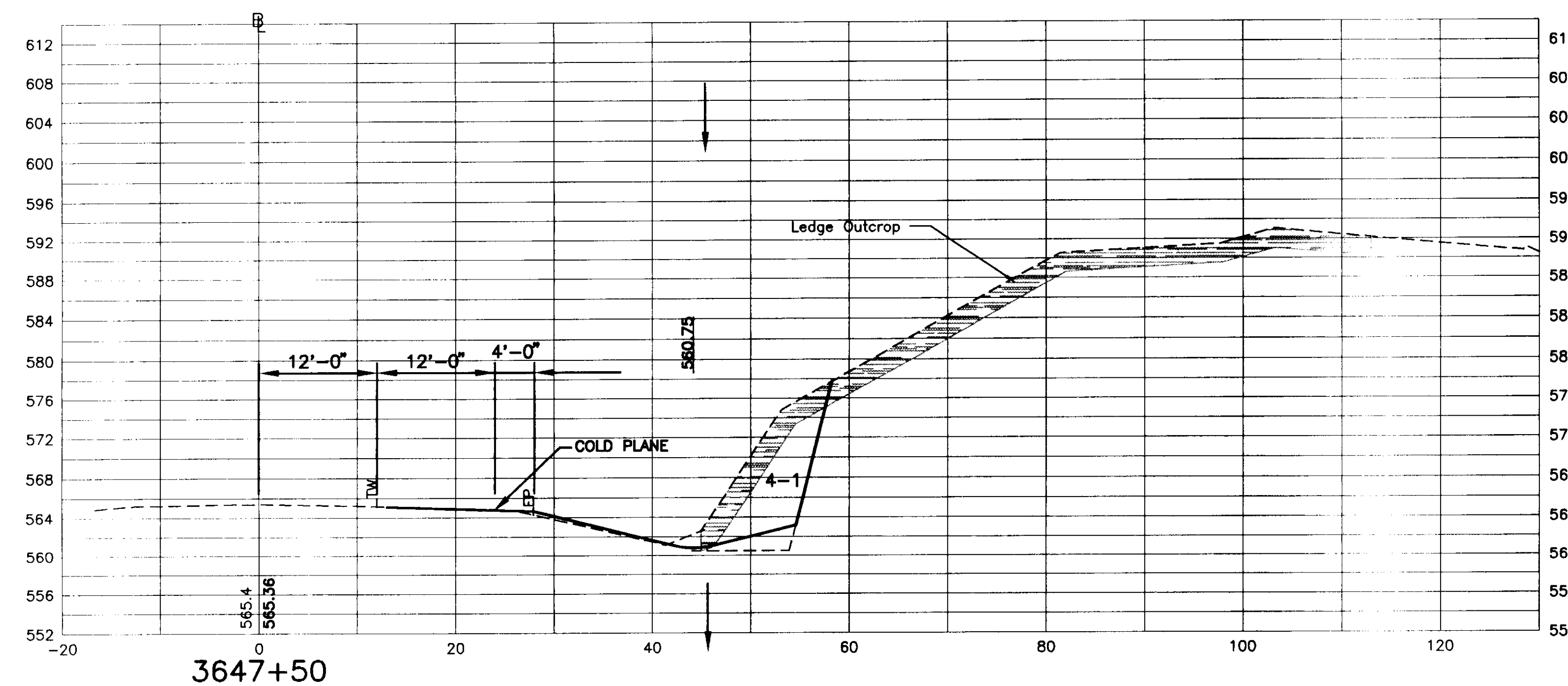
3646+50



3646+00



3648+00



3647+50

N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
•Highway Design
•Site Engineering
•Mechanical and
•Electrical Engineers

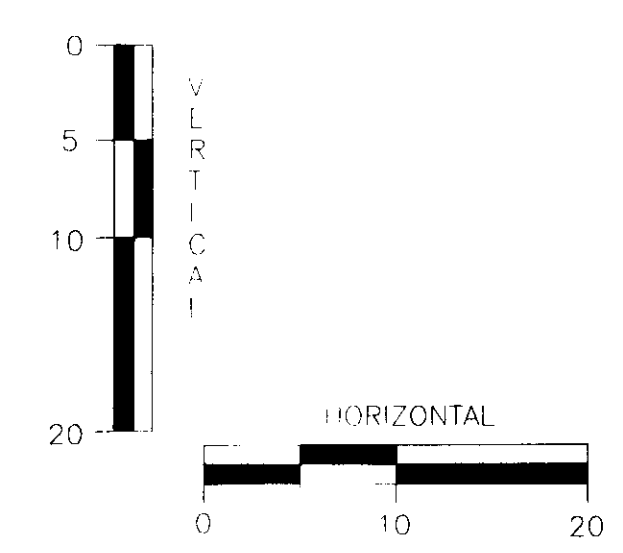
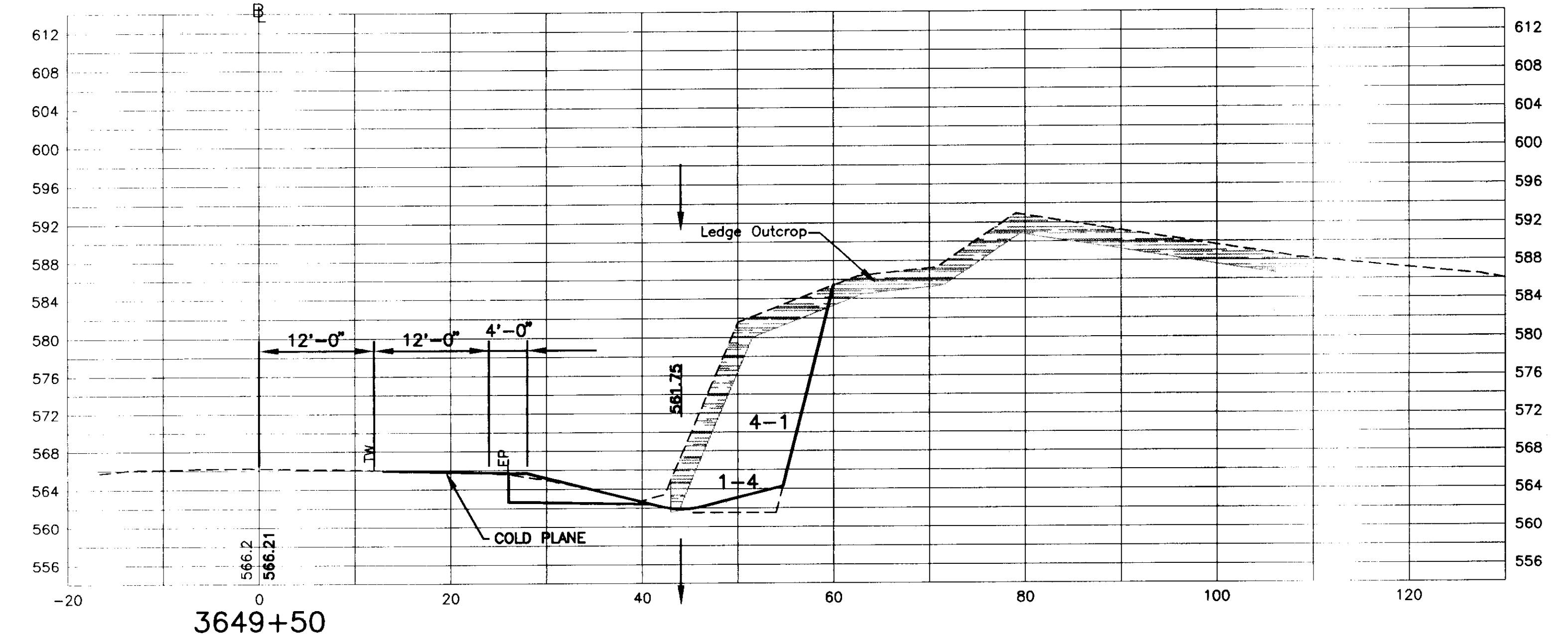
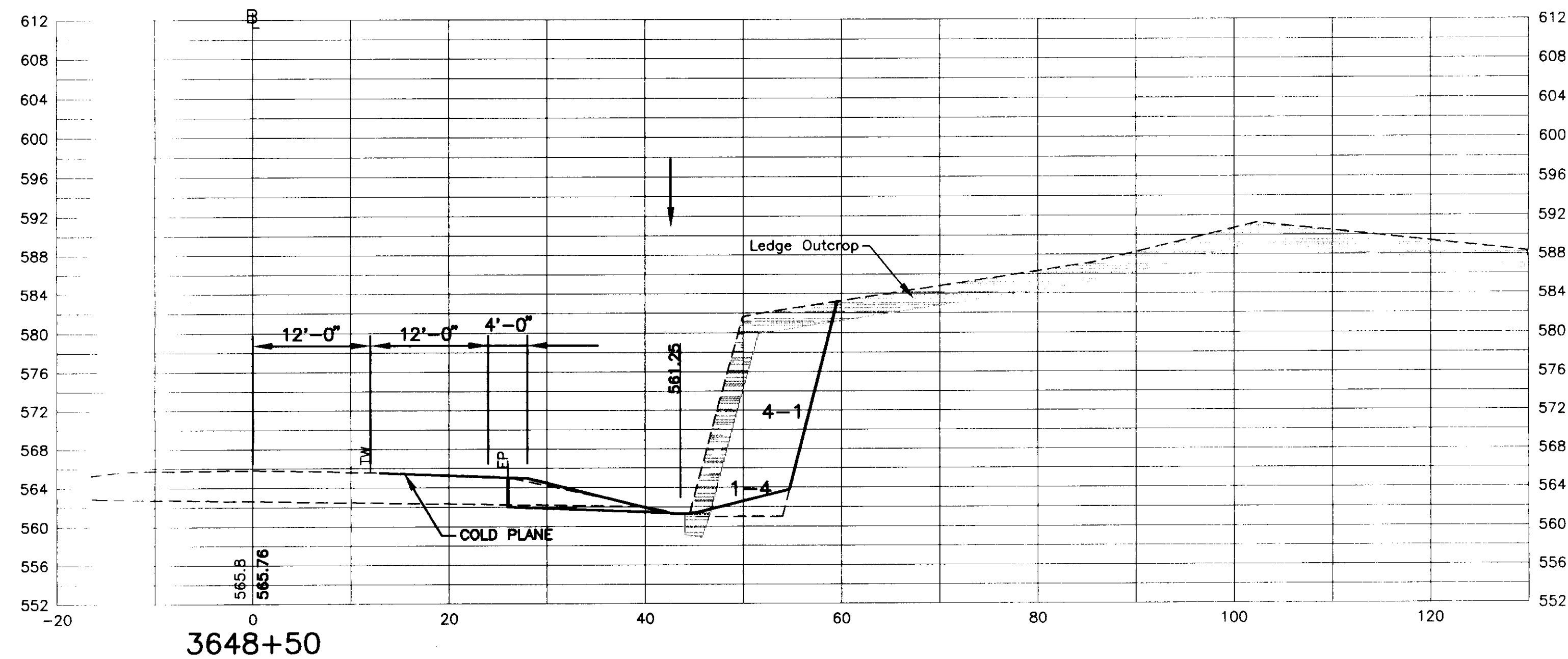
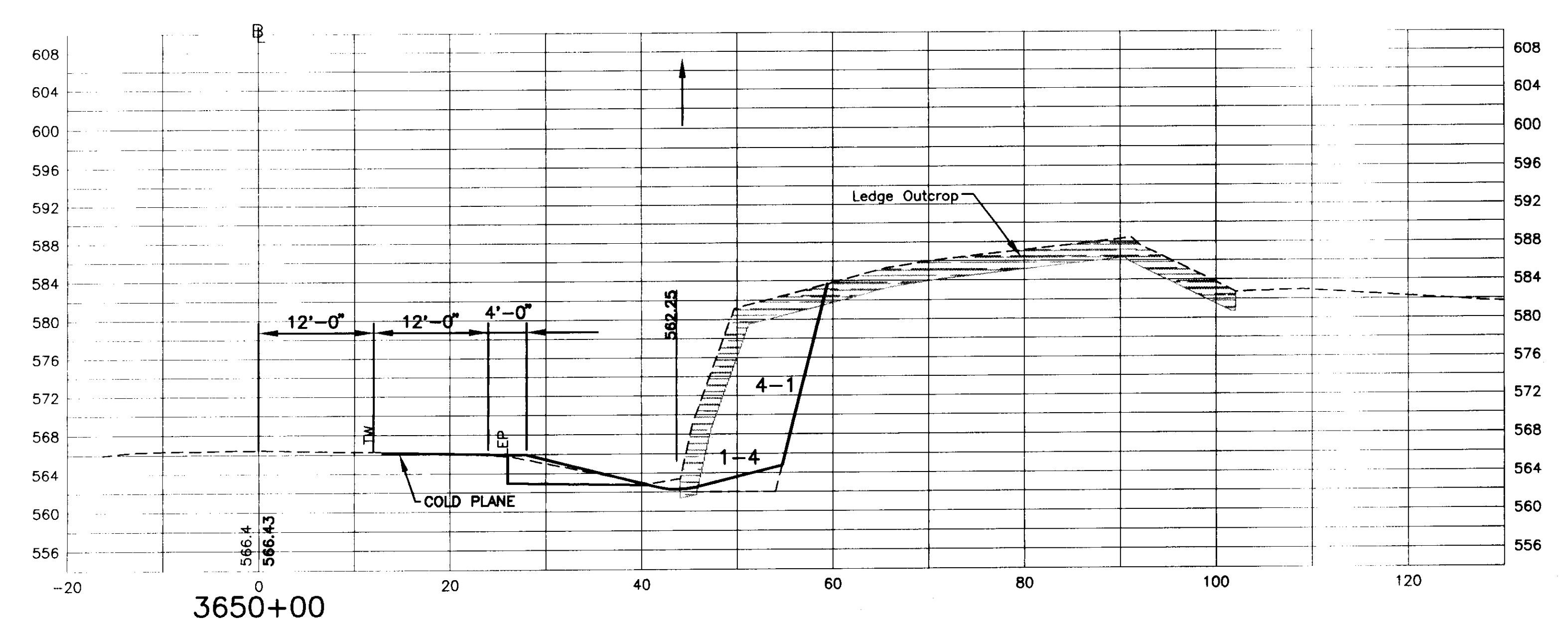
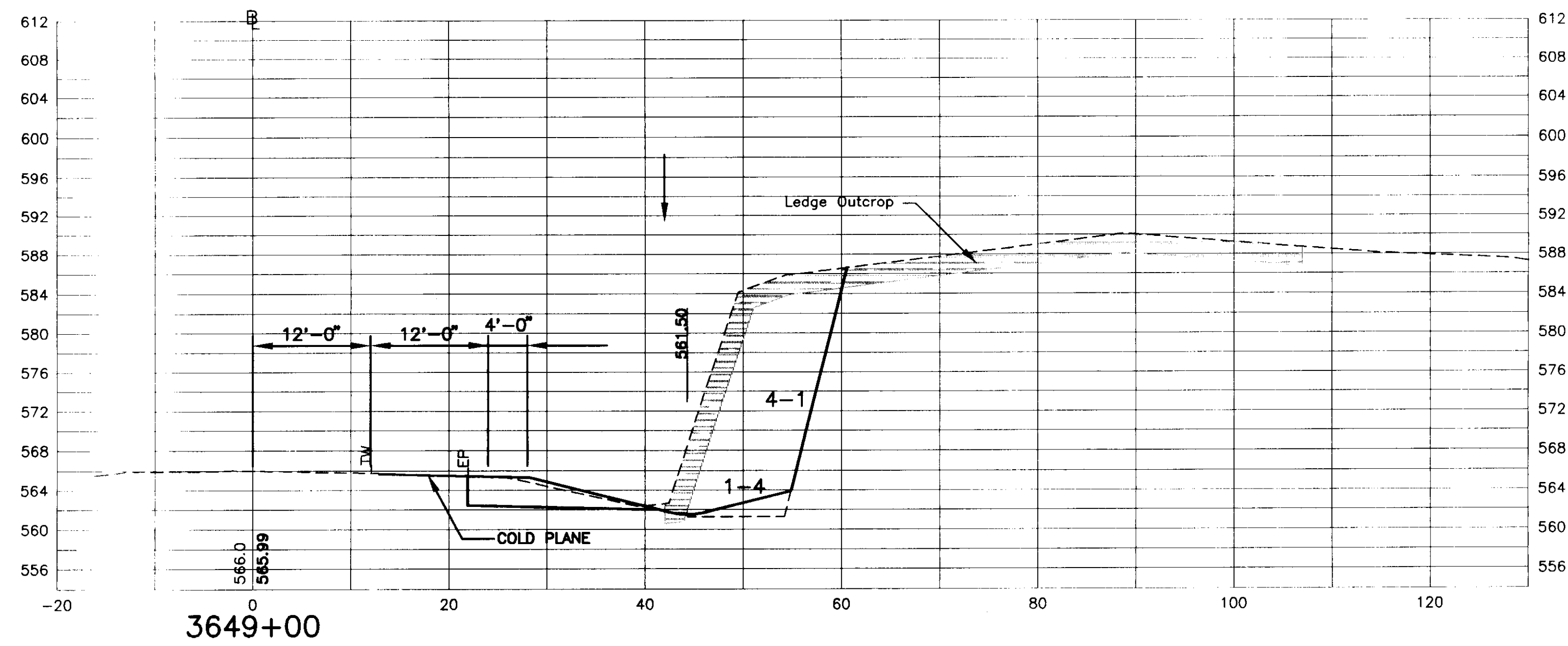
HARTFORD, VT. I-91
INFORMATION CENTERS

NORTHBOUND
CROSS SECTIONS

FINAL PLANS

R67

2/15/96



N·B·F
Nimtz·Berryhill·Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
·Highway Design
·Site Engineering
·Mechanical and
·Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

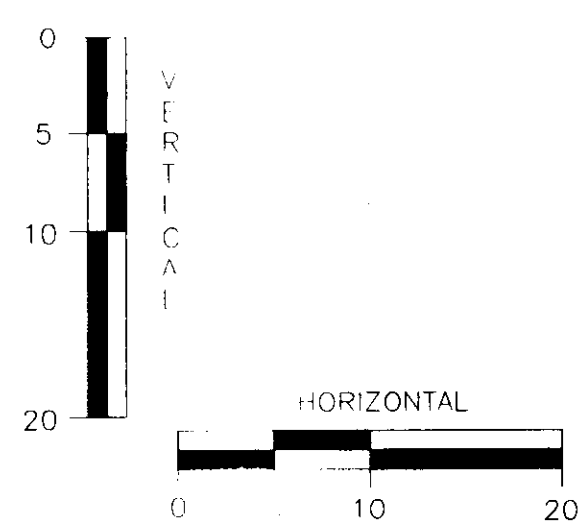
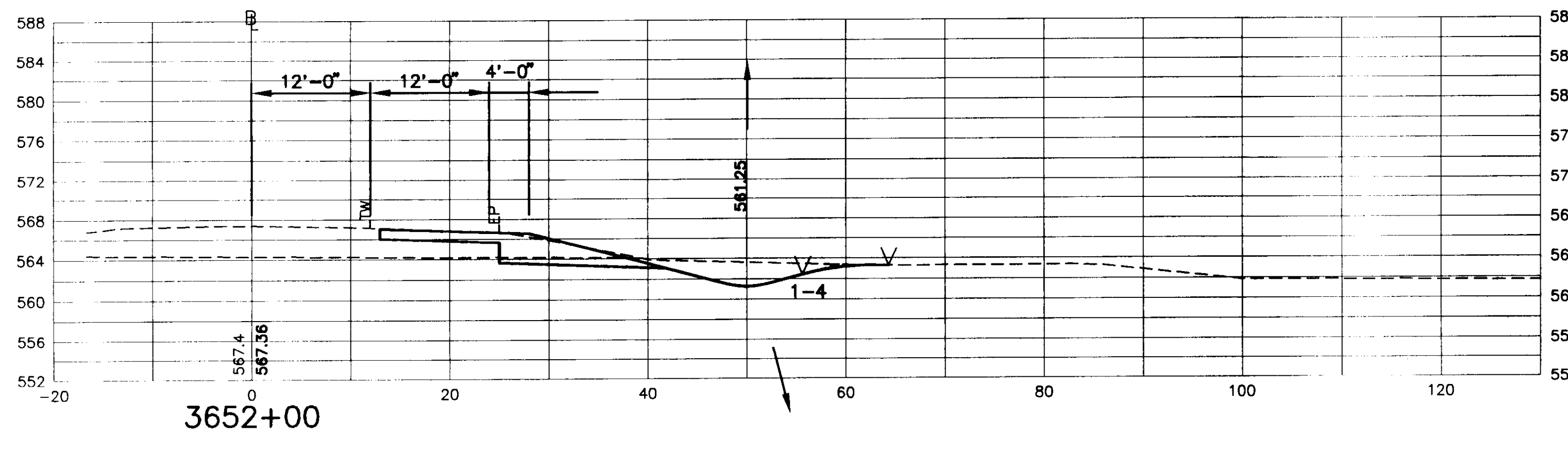
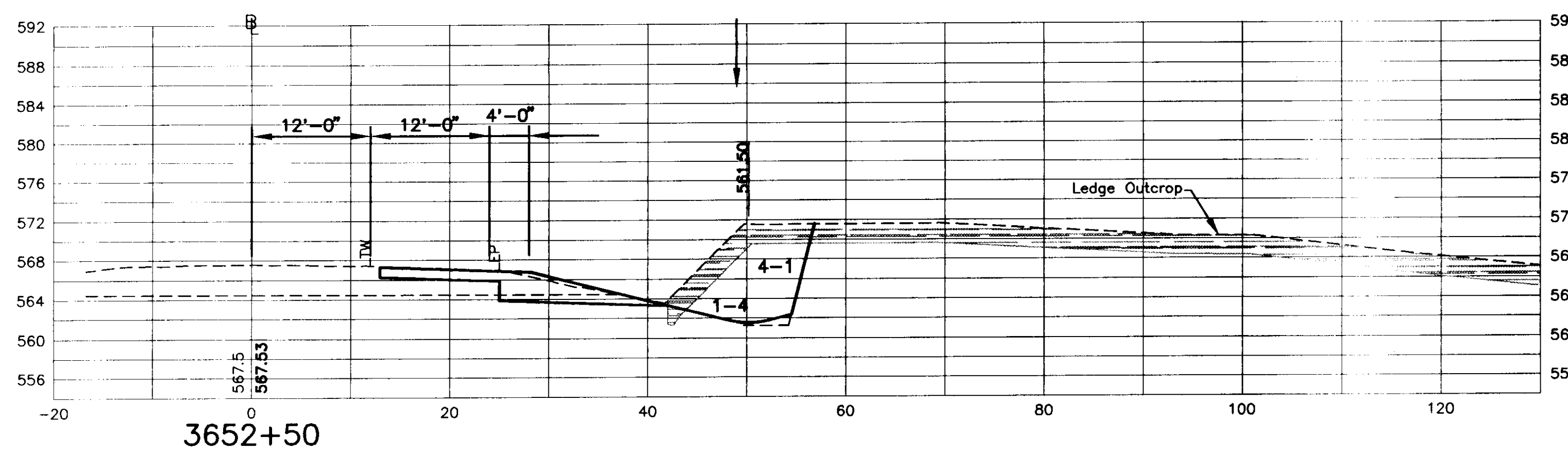
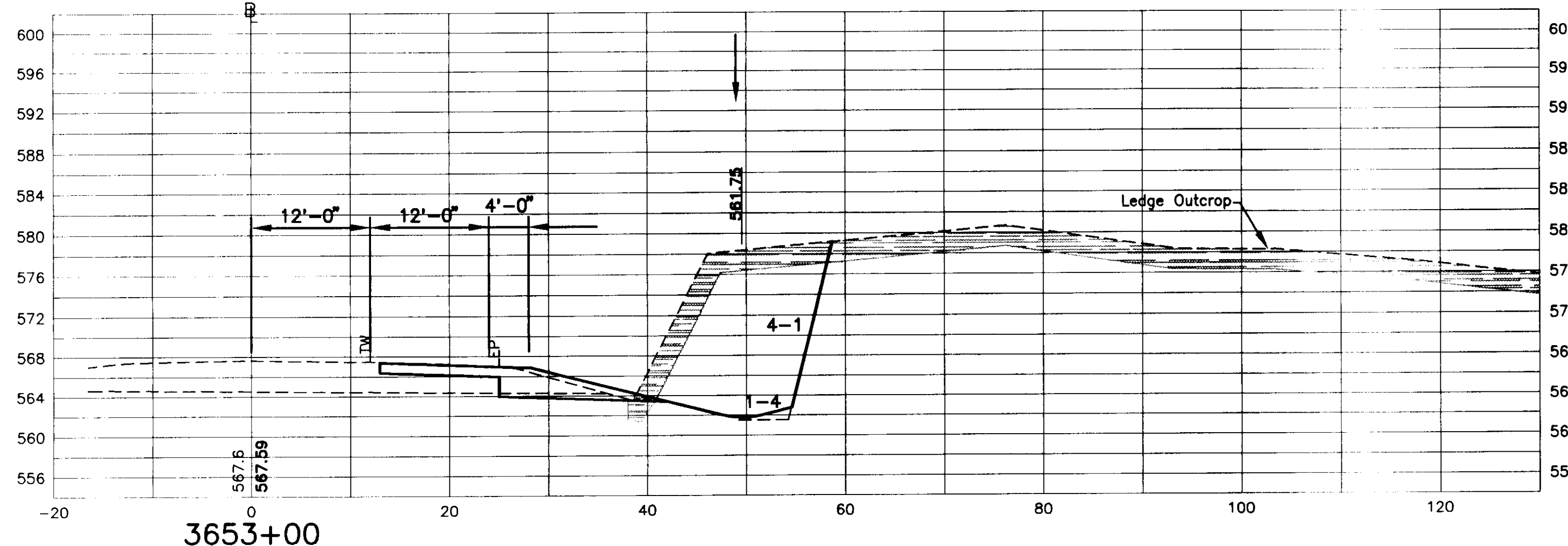
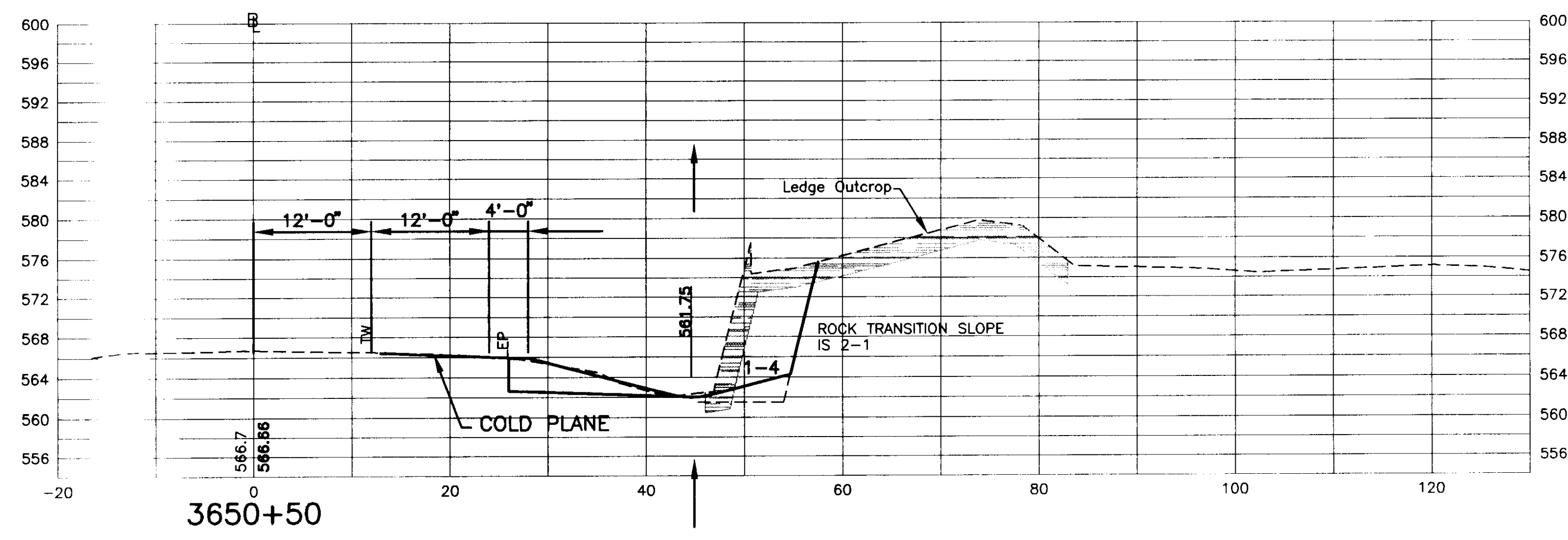
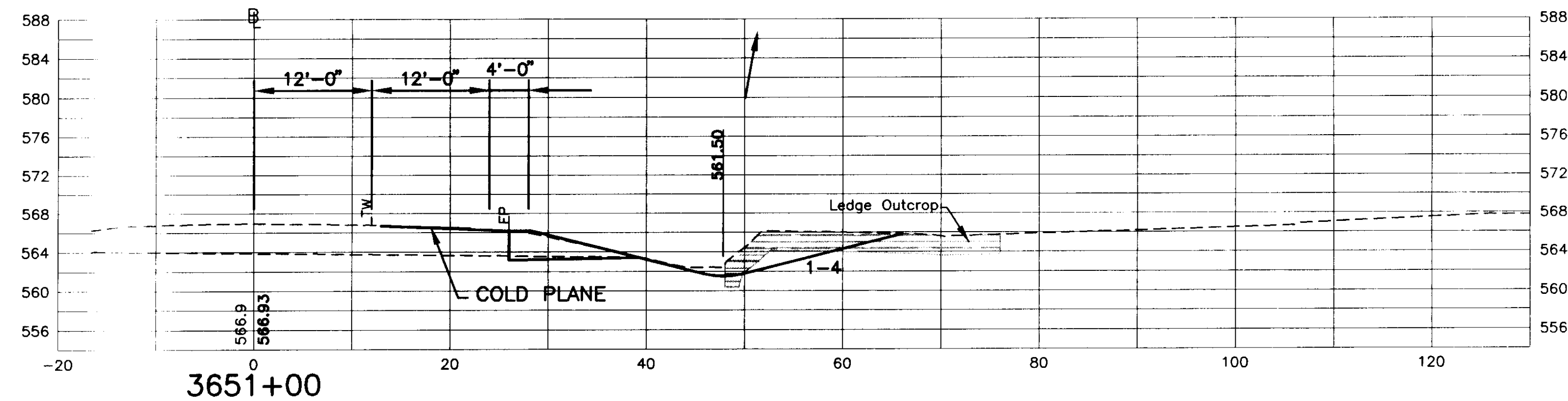
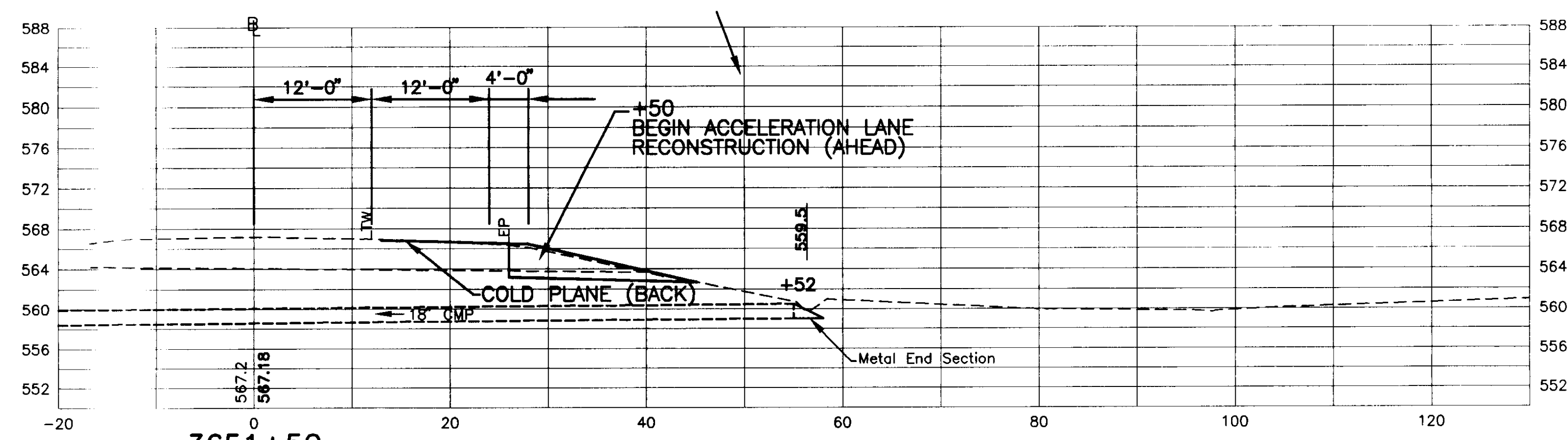
NORTHBOUND
CROSS SECTIONS

FINAL PLANS

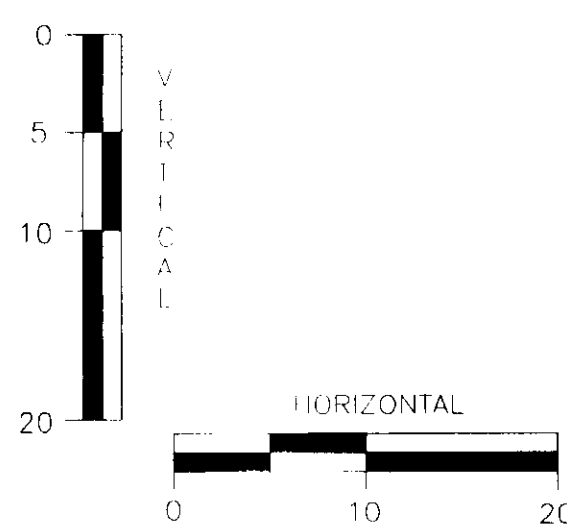
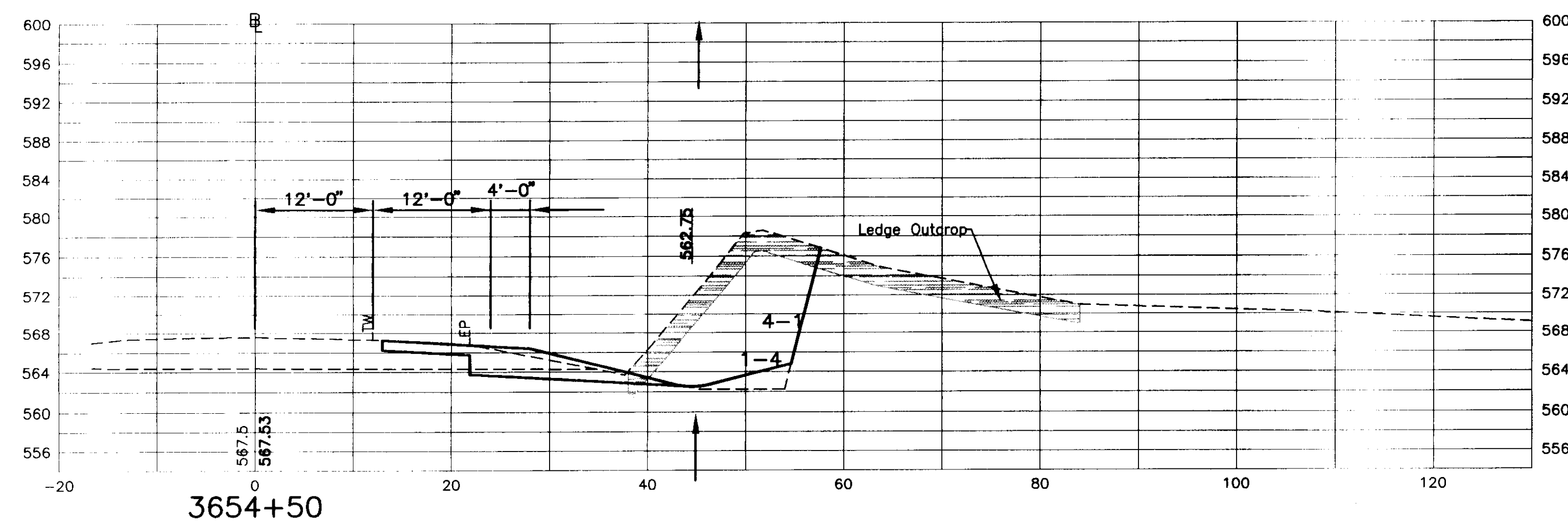
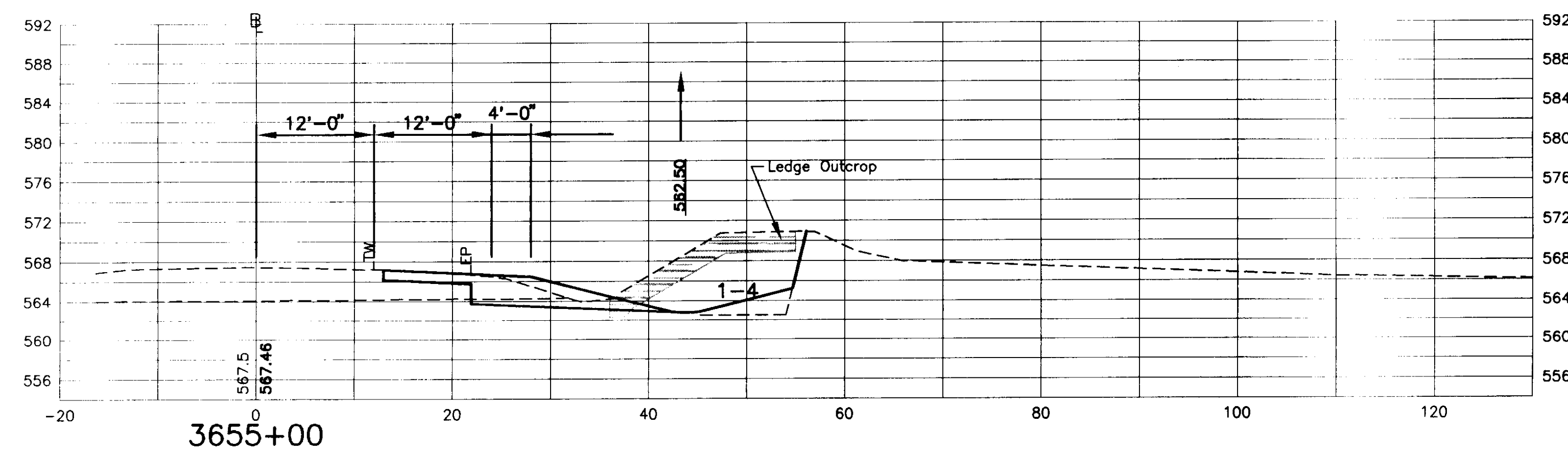
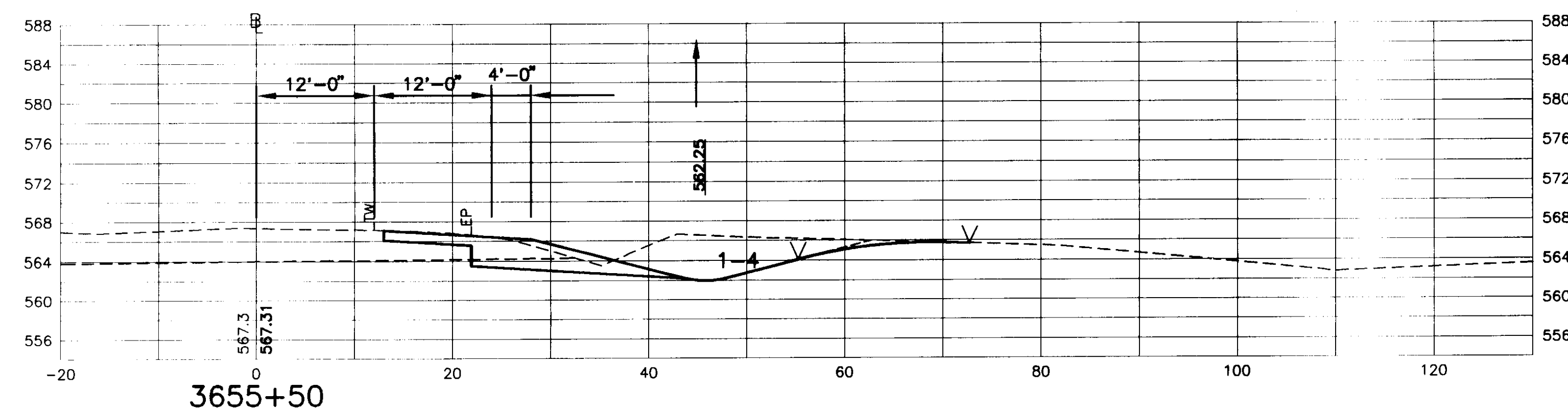
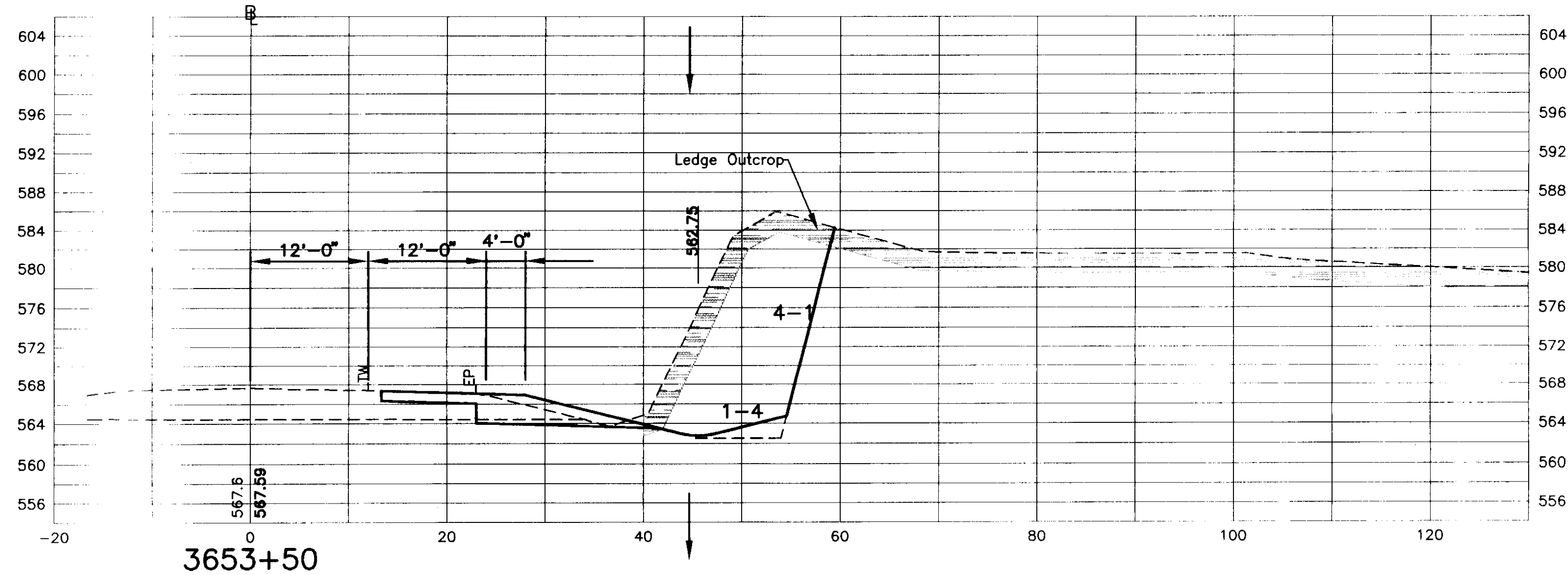
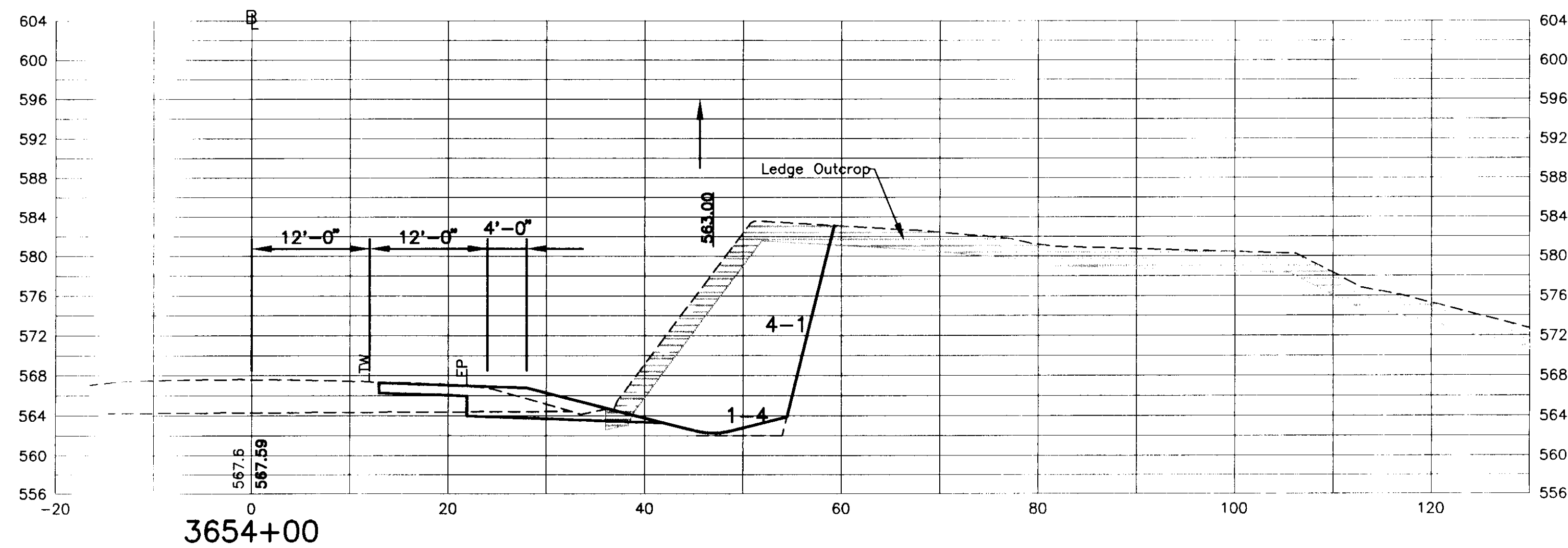
R68

2/15/96

11-209



N·B·F Nimitz • Berryhill • Figiel ARCHITECTS P.C. 24 1/2 Center Street, Rutland, Vermont 05701	Steven J. Banik, P.E. STRUCTURAL ENGINEER Cuttingsville, Vermont 05738	DuBois & King inc. Highway Design Site Engineering Mechanical and Electrical Engineers	HARTFORD, VT. I-91 INFORMATION CENTERS	NORTHBOUND CROSS SECTIONS	FINAL PLANS 2/15/96	R69
--	--	---	---	------------------------------	------------------------	------------



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King Inc.
• Highway Design
• Site Engineering
• Mechanical and
• Electrical Engineers

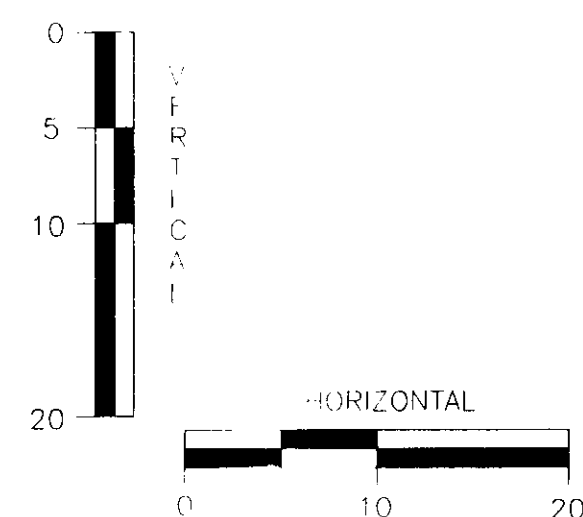
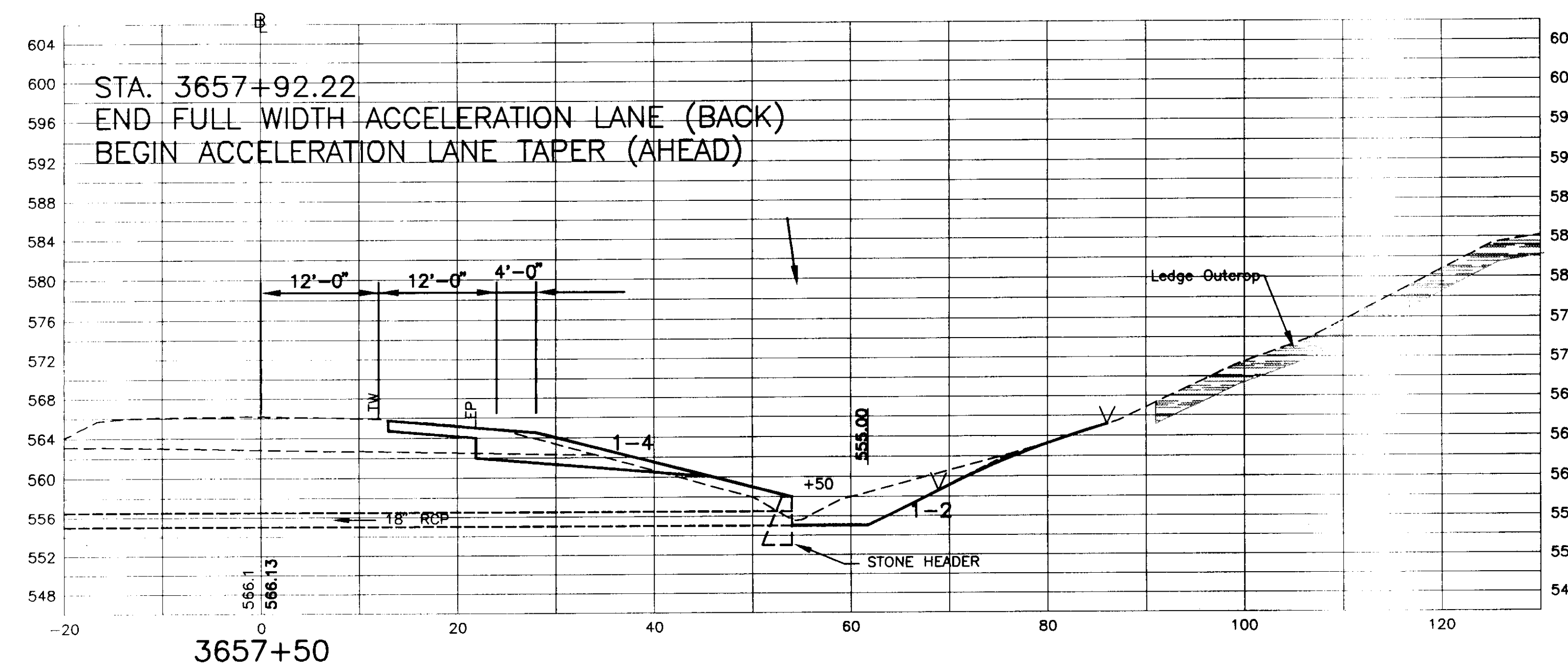
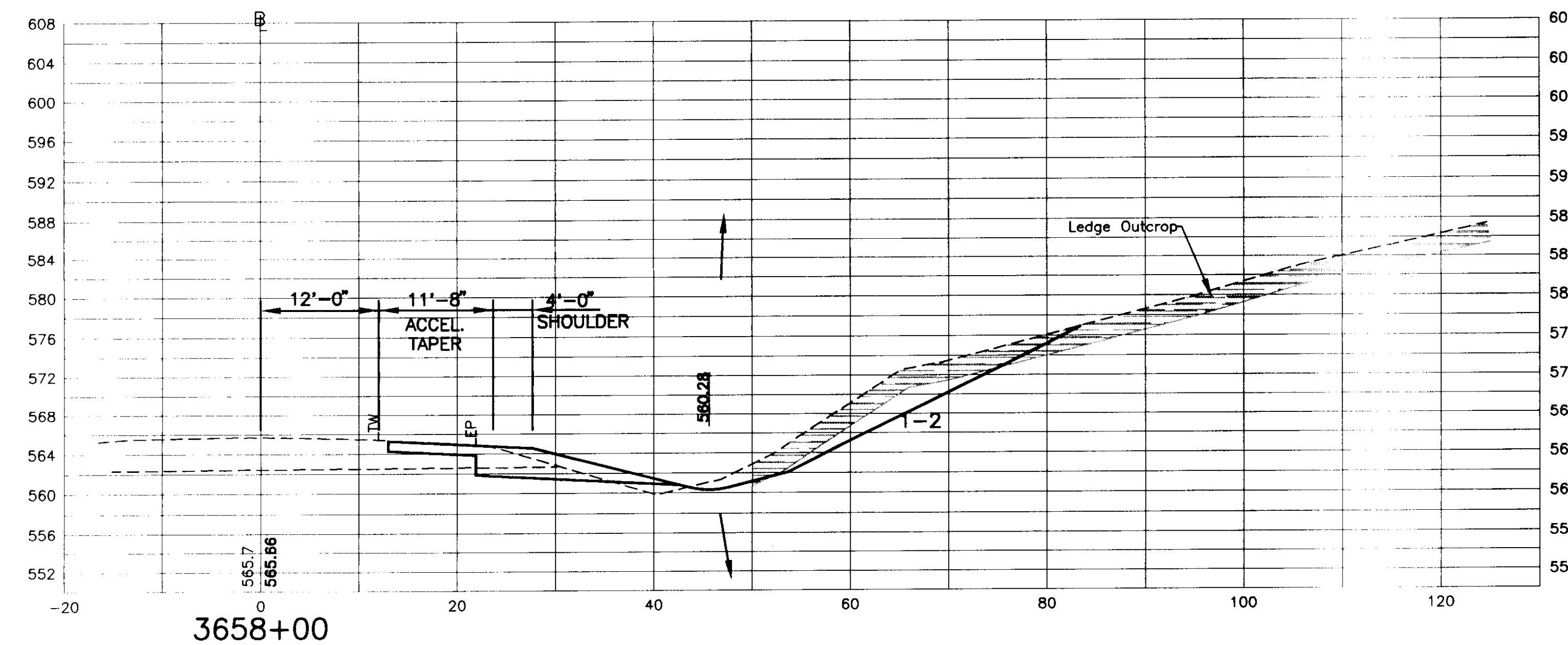
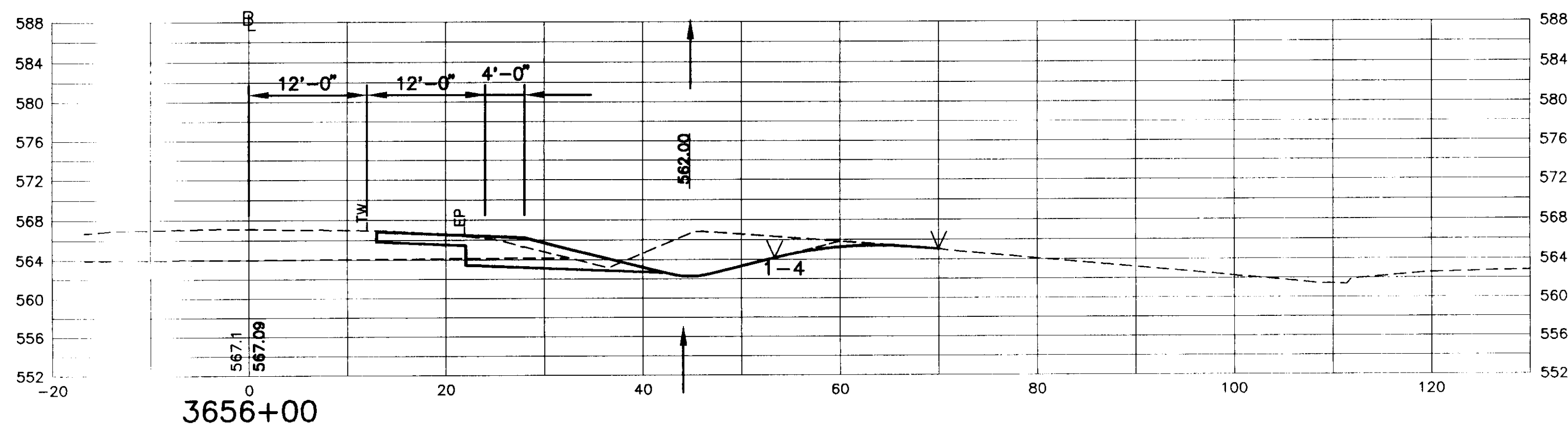
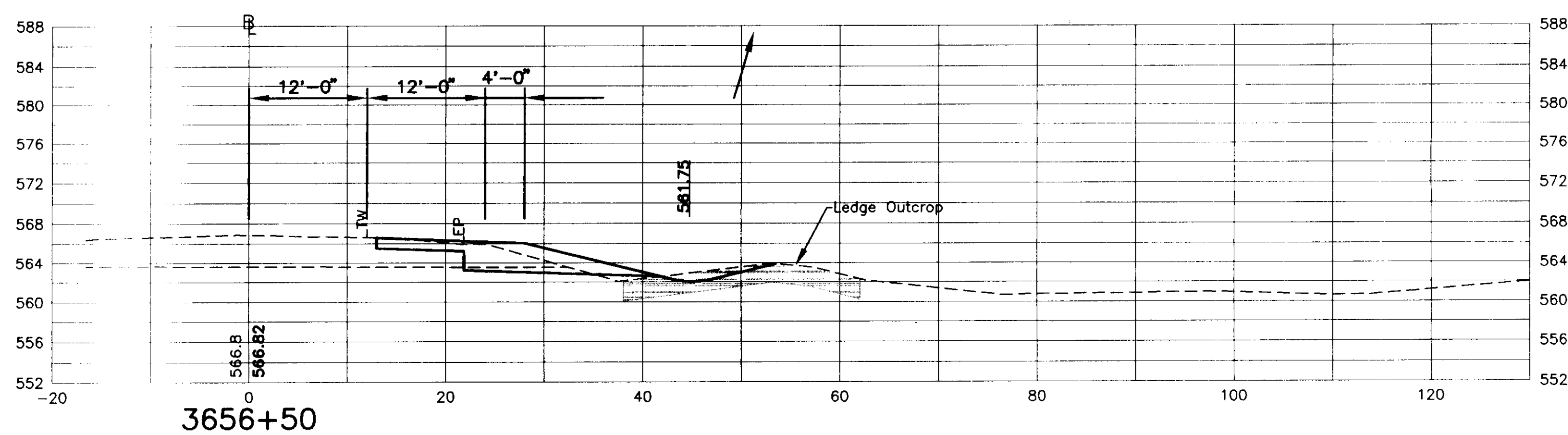
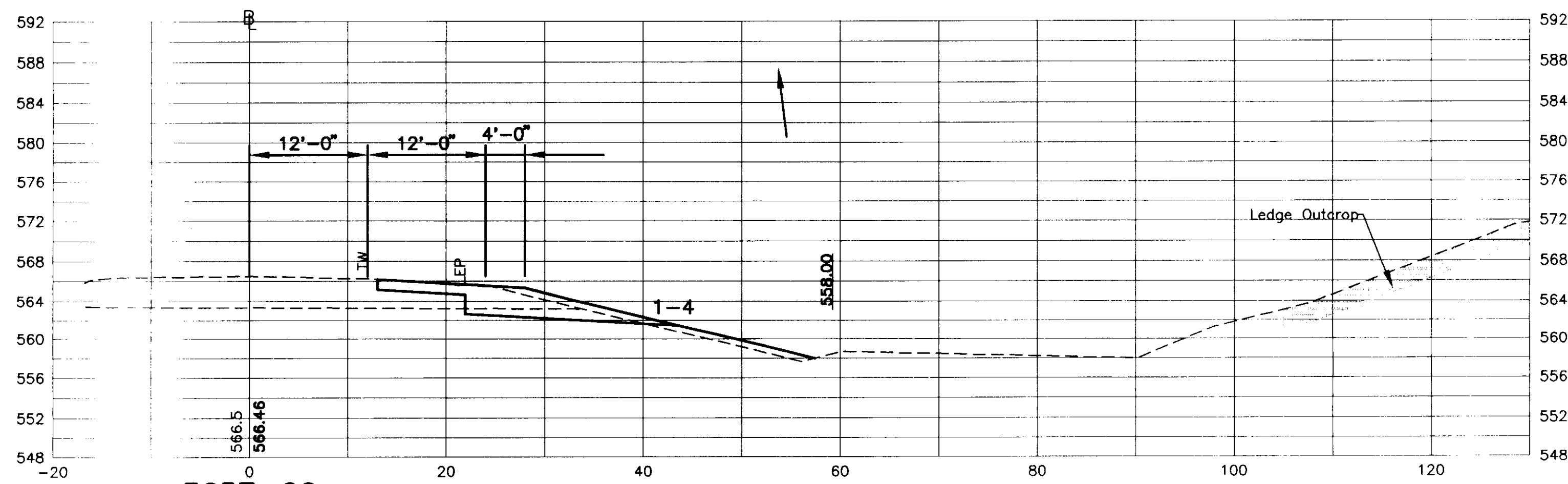
HARTFORD, VT. I-91
INFORMATION CENTERS

NORTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R70



N·B·F
Nimtz·Berryhill·Fiegel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
·Highway Design
·Site Engineering
·Mechanical and
·Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

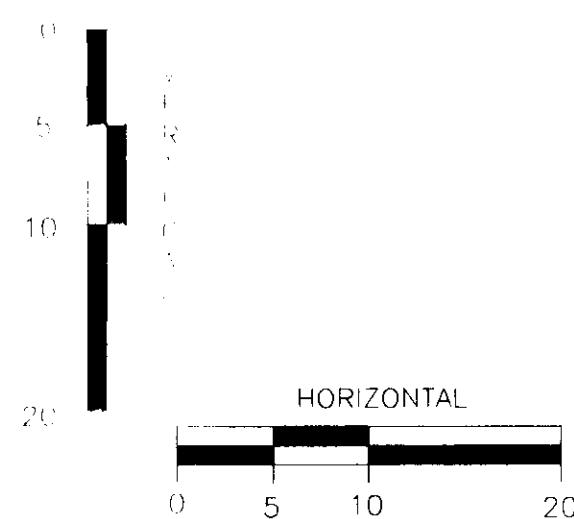
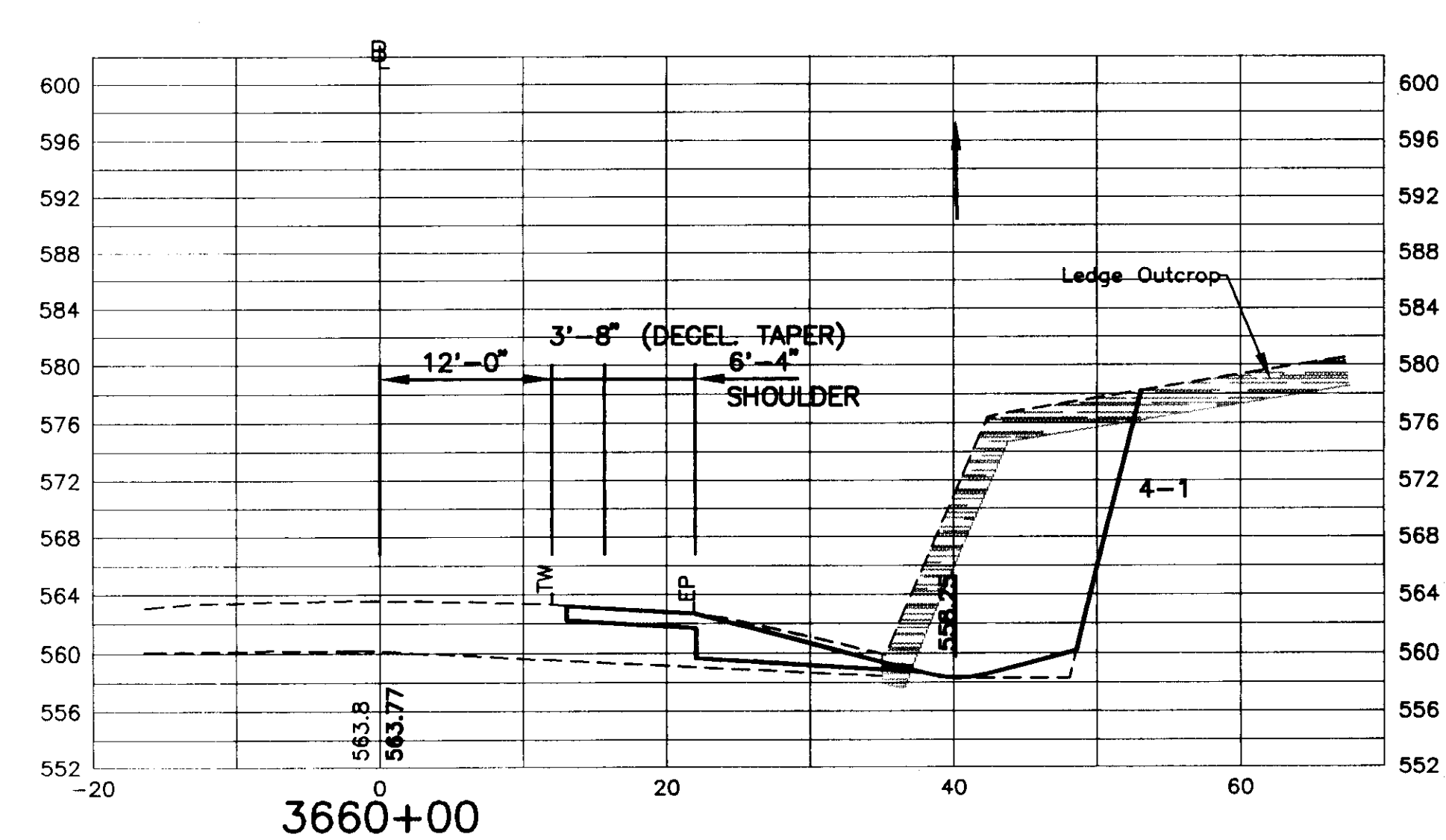
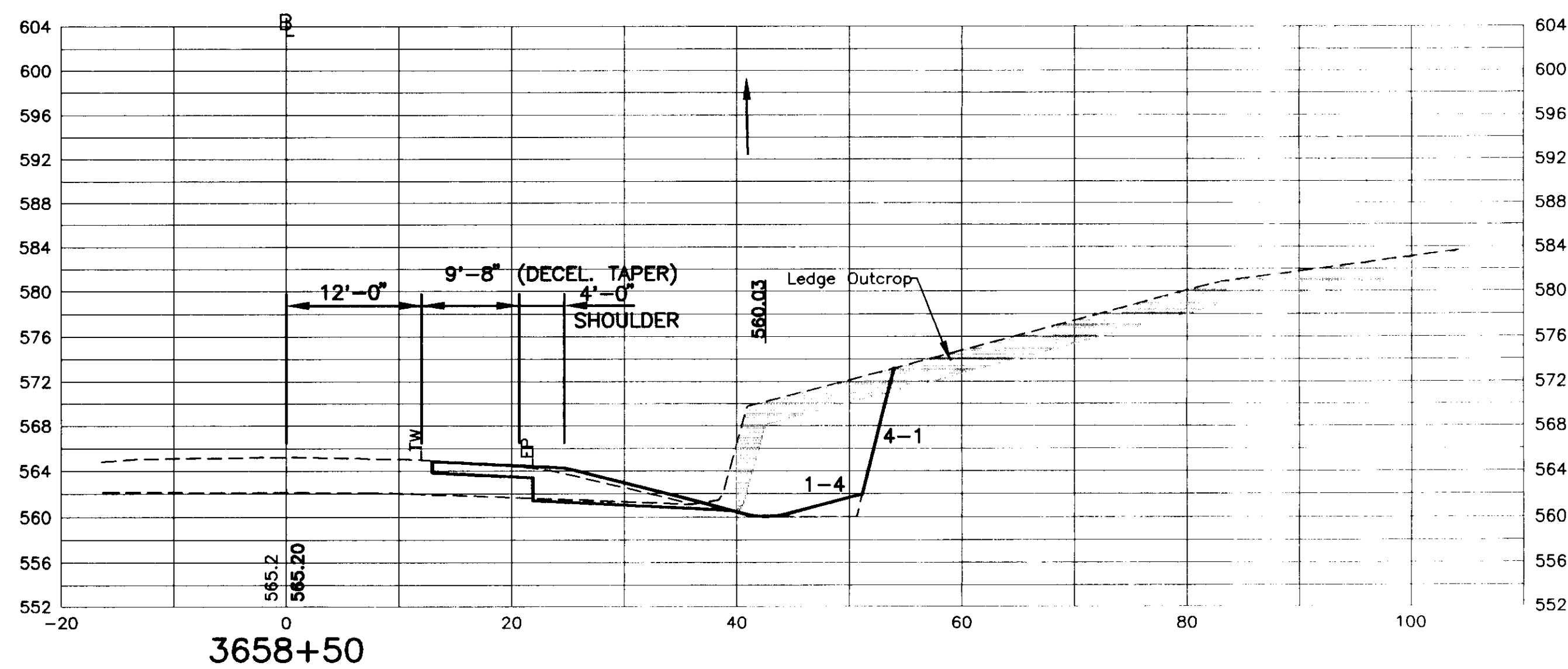
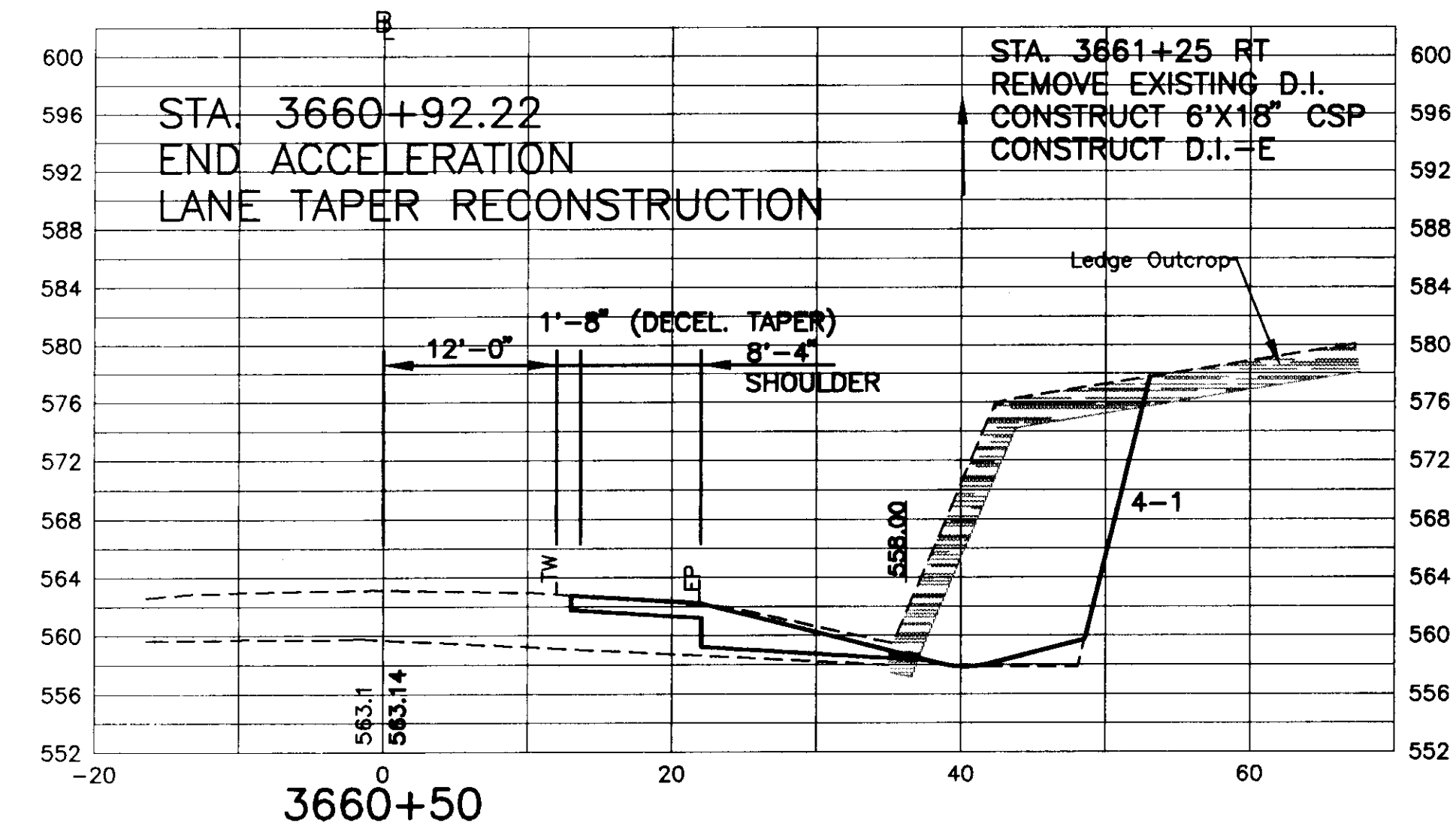
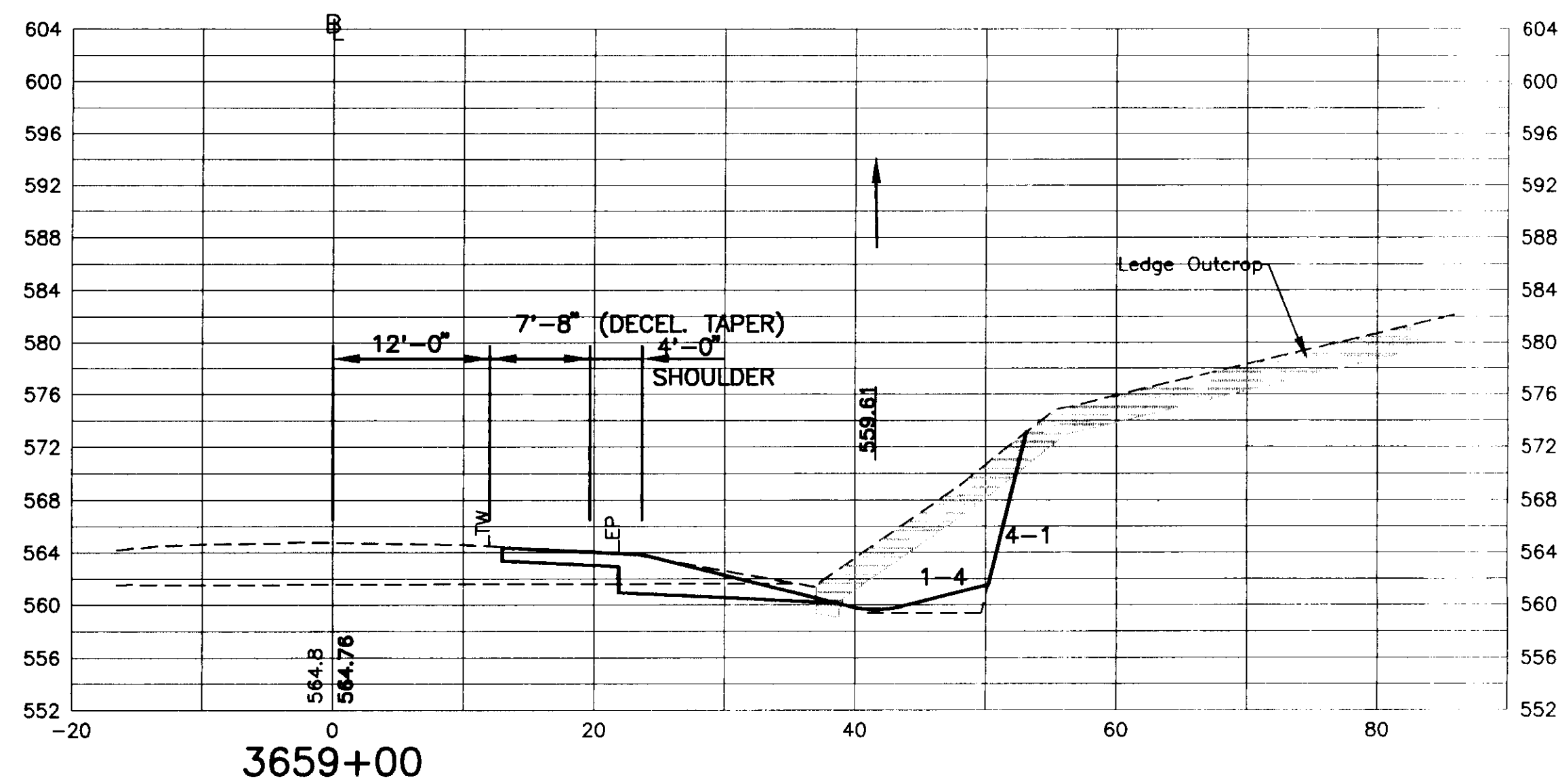
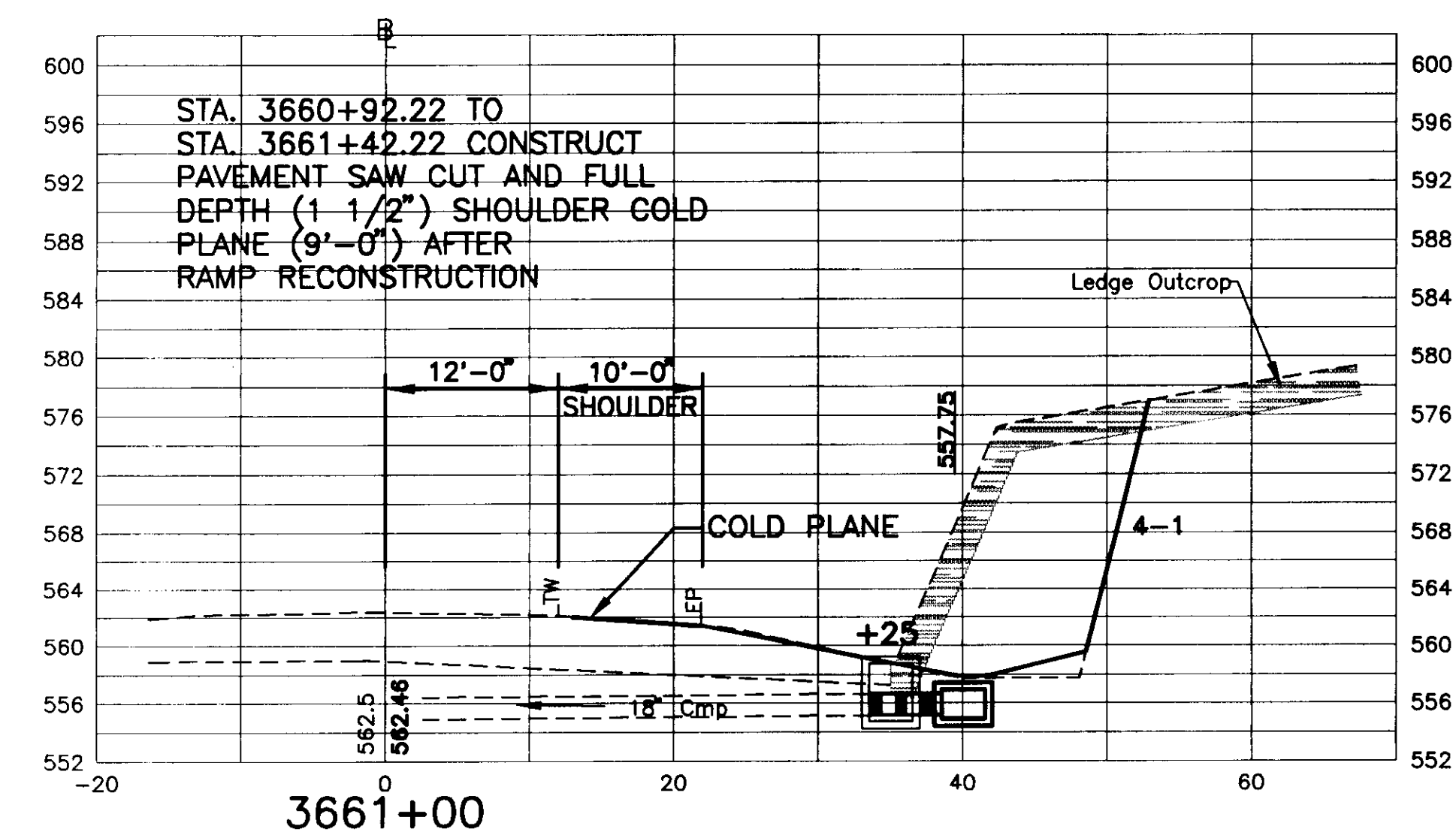
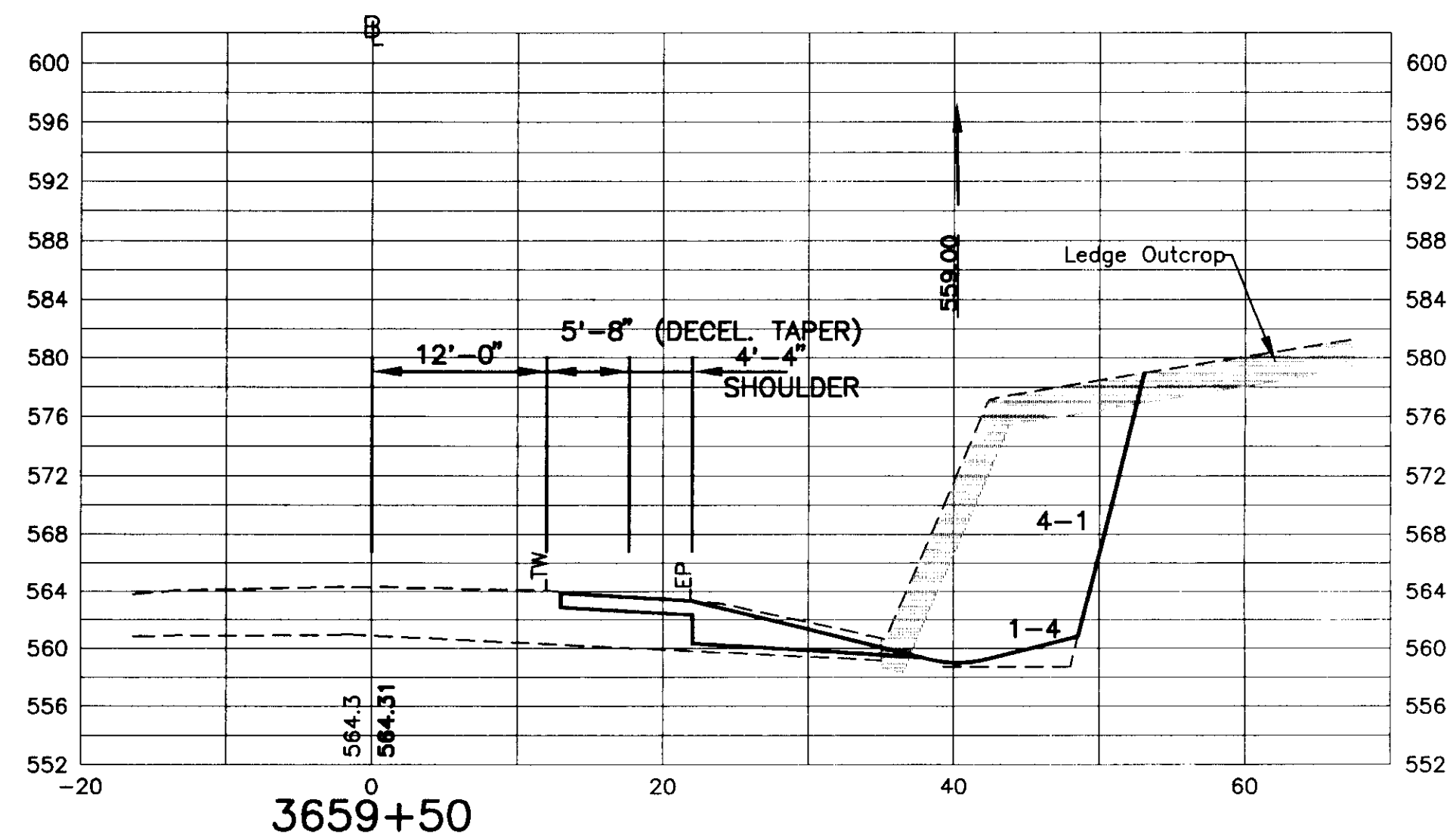
NORTHBOUND
CROSS SECTIONS

FINAL PLANS

R71

2/15/96

V-212



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King inc.
• Highway Design
• Site Engineering
• Mechanical and
• Electrical Engineers

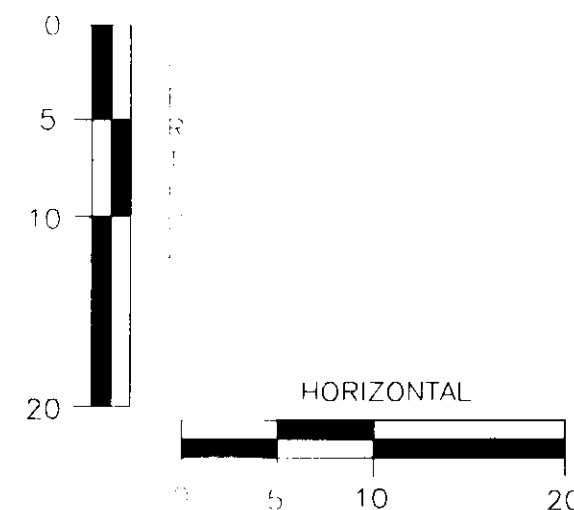
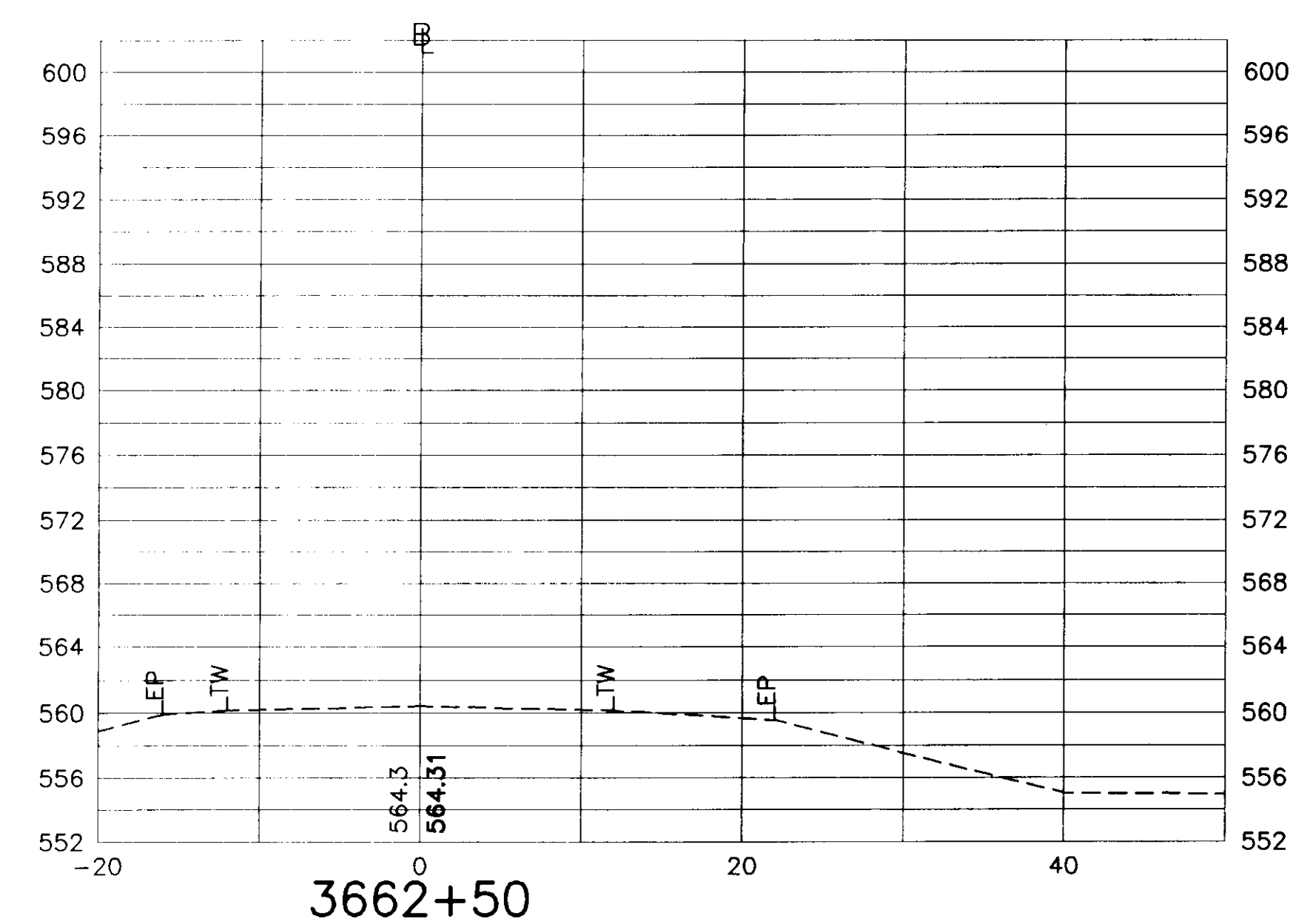
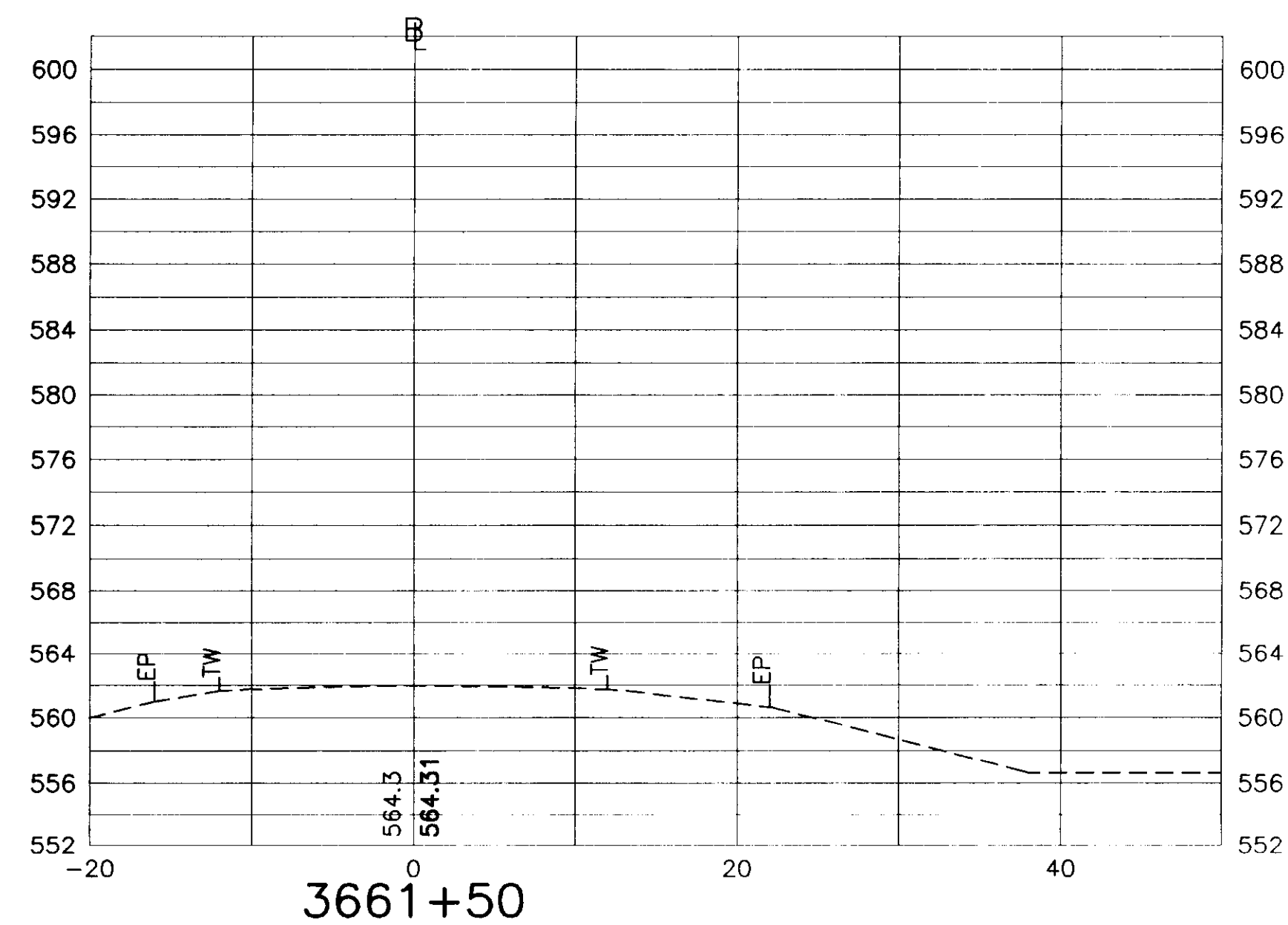
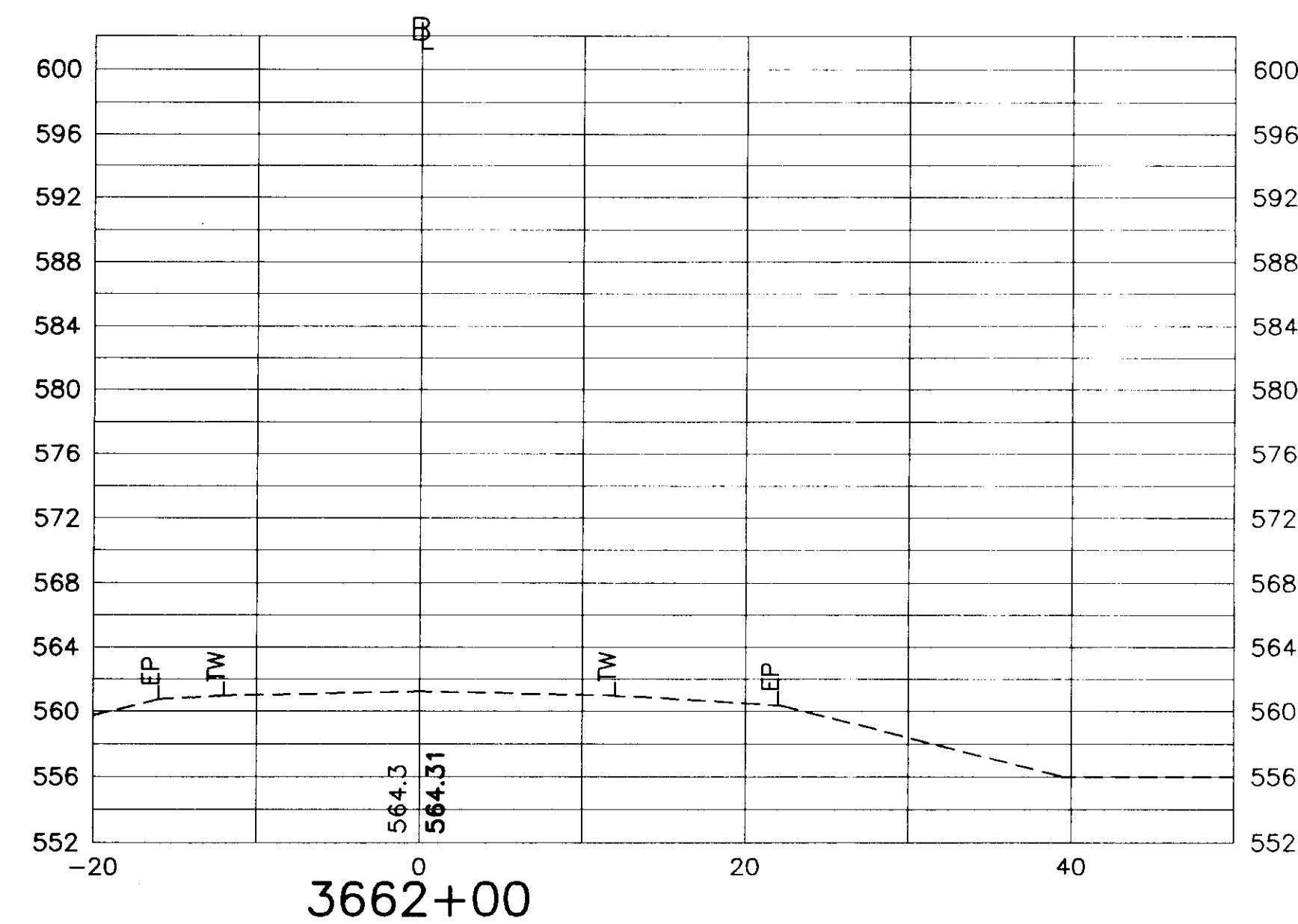
HARTFORD, VT. I-91
INFORMATION CENTERS

NORTHBOUND
CROSS SECTIONS

FINAL PLANS

R72

2/15/96



N·B·F
Nimtz • Berryhill • Figiel
ARCHITECTS P.C.
24 1/2 Center Street, Rutland, Vermont 05701

Steven J. Banik, P.E.
STRUCTURAL ENGINEER
Cuttingsville, Vermont 05738

DuBois & King Inc.
• Highway Design
• Site Engineering
• Mechanical and
• Electrical Engineers

HARTFORD, VT. I-91
INFORMATION CENTERS

NORTHBOUND
CROSS SECTIONS

FINAL PLANS

2/15/96

R73