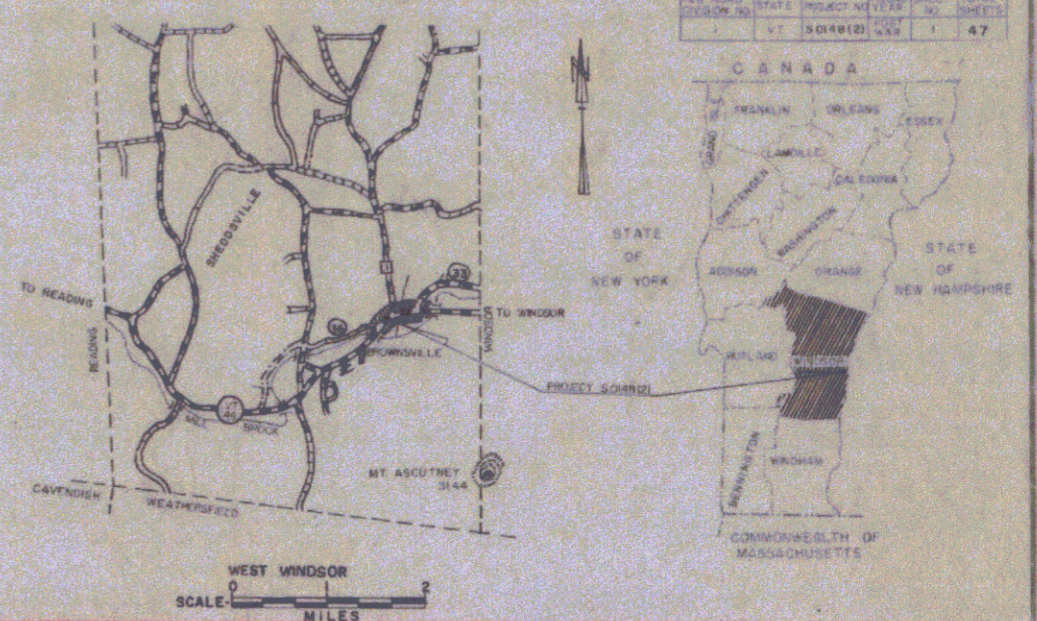


INDEX OF SHEETS

No.	Title
1	Typical Cross Section of Improvement
2	(11" Bituminous Conc. Pavement, Item 361-B, Mod.)
3	Drainage and Quantity Sheet
4	Earthwork Sheet
5	Standard Sheet B-1 (Banking Tables)
6	Standard Sheet B-5 (Typical Slope Grading)
7	Standard Sheet C-1 (Curbs)
8	Standard Sheet C-2a (Fine Course Concrete Concrete Sidewalk)
9	Standard Sheet D-2 (Headwalls & Underdrains)
10	Standard Sheet D-4 (Underdrain Flashing Basins)
11	Standard Sheet D-8 (R.C. Drop Inlets)
12	Standard Sheet D-9 (R.C. Top w/Granite Curb)
13	Standard Sheet D-10 (R.C. Top w/Bit. Tars)
14	Standard Sheet D-11 (Catch Basin Frames & Covers)
15	Standard Sheet E-1 (Roadway, Barrioles, Signs and Lights)
16	Standard Sheet E-31 (Federal Aid Identification Signs)
17	Standard Sheet G-2a (Two Cable Guard Rail)
18	Standard Sheet G-2b (Road End Anchorage)
19	Standard Sheet G-3 (Marker & Guide Posts)
20	Standard Sheet J-1 (Project Markers)
21A-26	Plan and Profile Sheets
27	Bridge General Plan and Elev.
28	Bridge Quantity Sheet
29	Superstructure Details
30	Abut. #1 Details
31	Abut. #2 Details
32	Reinforcing Schedule
33	Bridge Standard Sheet SB-50-60
34-35	Bridge Standard Sheet SB-51-52
36-43	Cross Sections
44-45	Approach Sections
46-48	Channel Sections
49	Curve Banking Transition Sheet
20A-20F	RIGHT OF WAY DETAIL SHEETS

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS
PROPOSED IMPROVEMENT
FEDERAL AID SECONDARY PROJECT
TOWN OF WEST WINDSOR
COUNTY OF WINDSOR
VERMONT ROUTE # 44
READING - WINDSOR ROAD

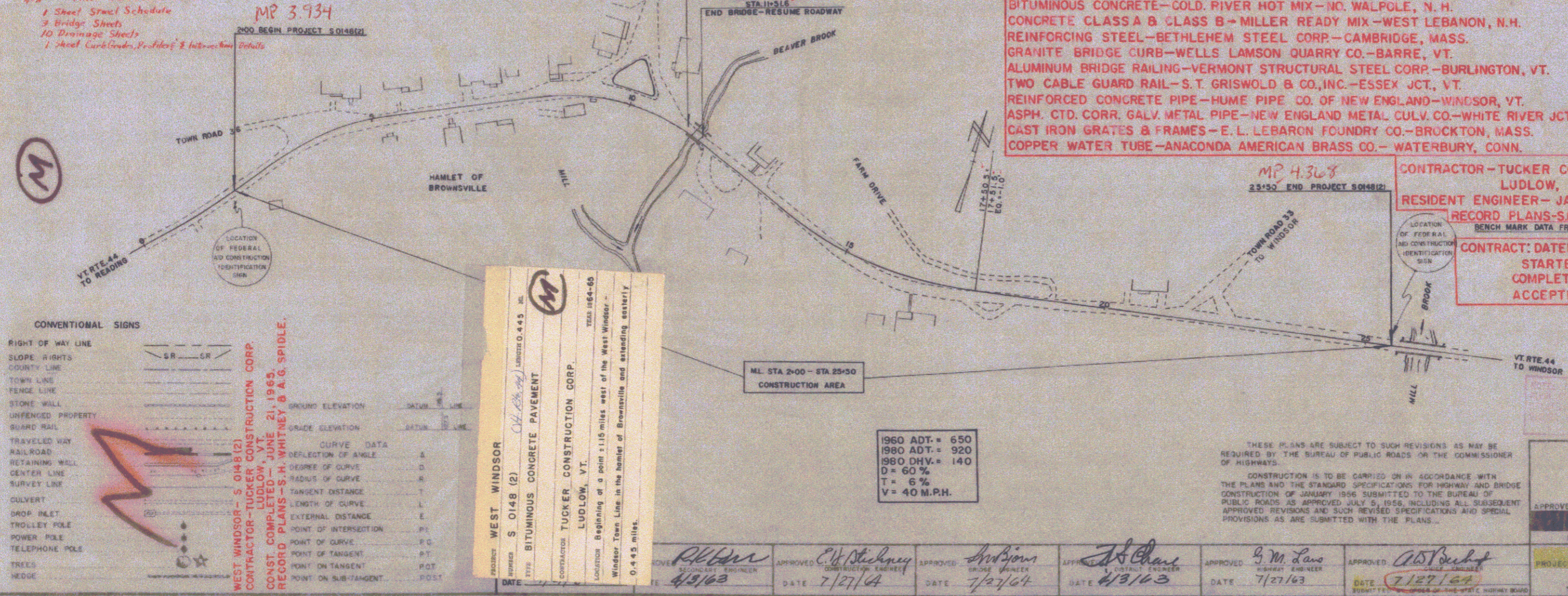
BEGINNING AT A POINT APPROXIMATELY 1.15 MILES WEST OF THE WEST WINDSOR - WINDSOR TOWN LINE IN THE HAMLET OF BROWNVILLE AND EXTENDING EASTERLY 0.445 MILES.
LENGTH OF ROAD - 2324.0 FEET = 0.440 MILES
LENGTH OF BRIDGE - 25.0 FEET = 0.005 MILES
LENGTH OF PROJECT - 2349.0 FEET = 0.445 MILES



PROJECT NAME & NUMBER TYPE PAVEMENT AREA
WEST WINDSOR S 0148 (2) BIT. CONC. PAVT. 7,878 S.Y.
RECORD PLANS
MATERIALS

SUBBASE OF GRAVEL, OF SAND & GRAVEL BACKFILL - MURRAY PIT - PERKINSVILLE, VT.
CUTBACK ASPHALT - MOBIL OIL CO. - E. PROVIDENCE, R. I.
TAR EMULSION - TRIRAM CORP - FRAMINGHAM, MASS.
WATER REPELLANT (DARACONE) - DEWEY & ALMY, CHEMICAL DIV. - CAMBRIDGE, MASS.
BITUMINOUS CONCRETE - COLD RIVER HOT MIX - NO. WALPOLE, N. H.
CONCRETE CLASS A & CLASS B - MILLER READY MIX - WEST LEBANON, N. H.
REINFORCING STEEL - BETHLEHEM STEEL CORP. - CAMBRIDGE, MASS.
GRANITE BRIDGE CURB - WELLS LAMSON QUARRY CO. - BARRE, VT.
ALUMINUM BRIDGE RAILING - VERMONT STRUCTURAL STEEL CORP. - BURLINGTON, VT.
TWO CABLE GUARD RAIL - S. T. GRISWOLD & CO., INC. - ESSEX JCT., VT.
REINFORCED CONCRETE PIPE - HUME PIPE CO. OF NEW ENGLAND - WINDSOR, VT.
ASPH. CTD. CORR. GALV. METAL PIPE - NEW ENGLAND METAL CULV. CO. - WHITE RIVER JCT., VT.
CAST IRON GRATES & FRAMES - E. L. LEBARON FOUNDRY CO. - BRUXTON, MASS.
COPPER WATER TUBE - ANACONDA AMERICAN BRASS CO. - WATERBURY, CONN.

CONTRACTOR - TUCKER CONSTRUCTION CORP., LUDLOW, VT.
RESIDENT ENGINEER - JAMES W. STEARNS.
RECORD PLANS - S.H. WHITNEY & A.G. SPIDLE.
BENCH MARK DATA FROM U.S.G.S. ELEVATIONS
CONTRACT DATED - AUGUST 19, 1964.
STARTED - AUGUST 27, 1964.
COMPLETED - JUNE 21, 1965.
ACCEPTED - JUNE 21, 1965.



CONVENTIONAL SIGNS

RIGHT OF WAY LINE	SR - CR
SLOPE RIGHTS	
COUNTY LINE	
TOWN LINE	
FENCE LINE	
STONE WALL	
UNFENCED PROPERTY	
ROAD RAIL	
TRAVELED WAY	
RAILROAD	
RETAINING WALL	
CENTER LINE	
SURVEY LINE	
CULVERT	
DROP INLET	
TROLLEY POLE	
POWER POLE	
TELEPHONE POLE	
TREES	
HEDGE	

WEST WINDSOR
S 0148 (2)
BITUMINOUS CONCRETE PAVEMENT
TUCKER CONSTRUCTION CORP.
LUDLOW, VT.
Beginning of a point 1.15 miles west of the West Windsor - Windsor Town Line in the hamlet of Brownville and extending easterly 0.445 miles.

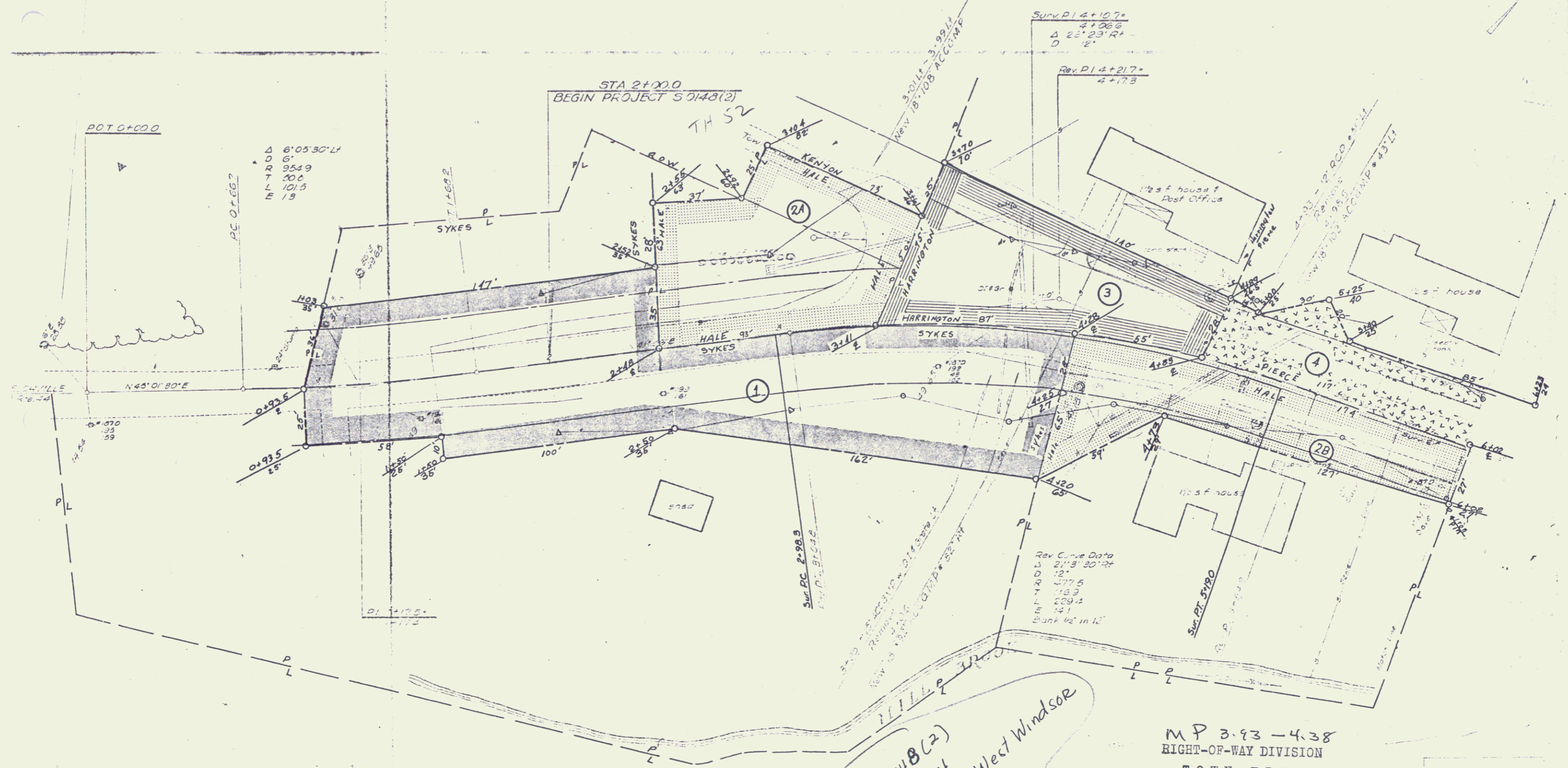
1960 ADT = 650
1980 ADT = 920
1980 DHV = 140
D = 60 %
T = 6 %
V = 40 M.P.H.

THESE PLANS ARE SUBJECT TO SUCH REVISIONS AS MAY BE REQUIRED BY THE BUREAU OF PUBLIC ROADS OR THE COMMISSIONER OF HIGHWAYS.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THE PLANS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION OF JANUARY 1956 SUBMITTED TO THE BUREAU OF PUBLIC ROADS AS APPROVED JULY 5, 1956, INCLUDING ALL SUBSEQUENT APPROVED REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE SUBMITTED WITH THE PLANS.

APPROVED: [Signatures] DATE: 7/27/64

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED: [Signature] DATE: [Blank]
DISTRICT ENGINEER
PROJECT: S NO 0148 (2)
SHEET: 1 OF 47 SHEETS

GRANITE CURB		ONE COURSE 5" CEMENT CONCRETE SIDEWALK (5'-0")		CONSTRUCT DRIVE		CONSTRUCT APPROACH		PAVED SHOULDERS	
LI	RI	LI	RI	LI	RI	LI	RI	LI	RI
4+29-5+47	4+25-6+73			4+25	4+80	4+00		3+00-6+00	3+74-6+00
5+61-5+00	4+36-6+00			5+50					



Proj # 5048(2)
 Date 11/64
 Proj Name: West Windsor
 Route: VT 44
 P170: 008321

MP 3.93-4.38
 RIGHT-OF-WAY DIVISION
 TOWN FILE
 PERPETUAL
 Town of W 44
 [To Be Returned To R.O.W. Division]

20-B

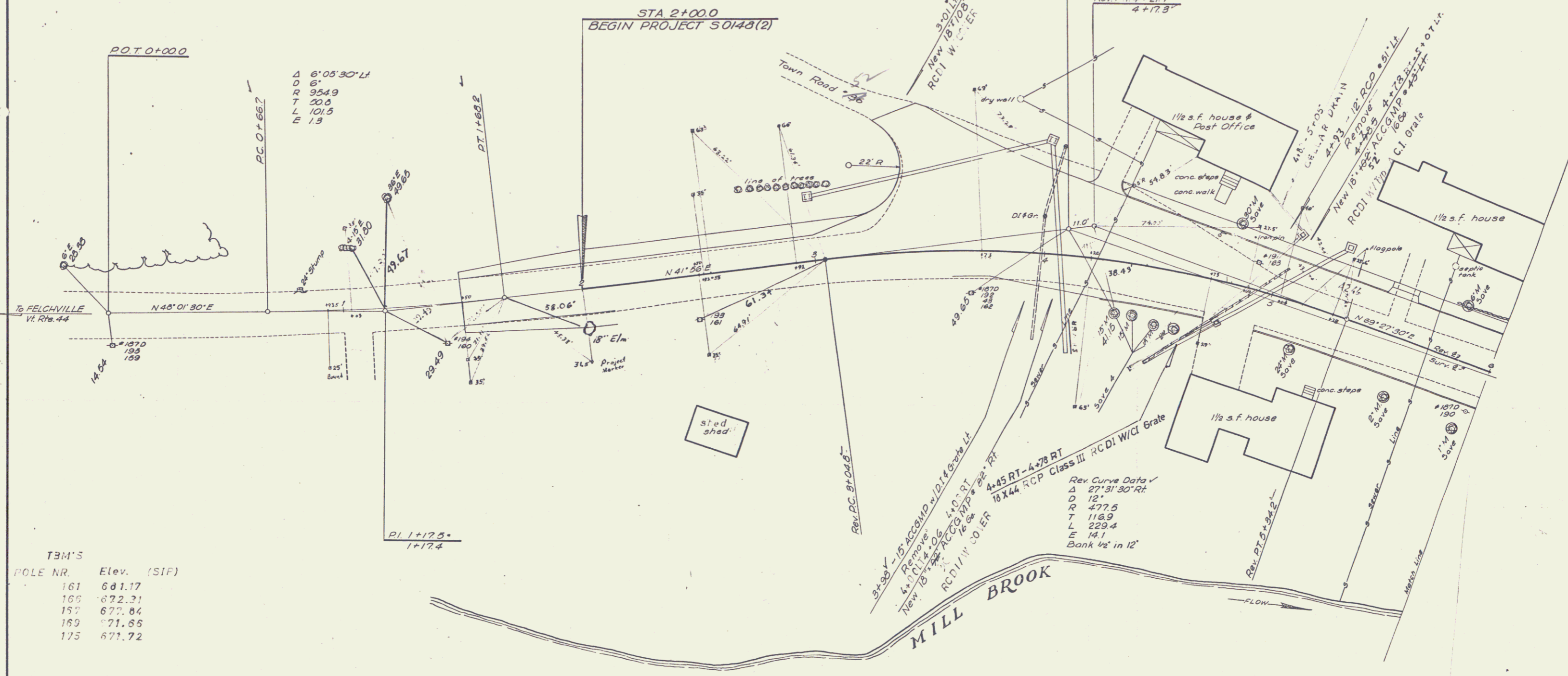
GRANITE CURB	
Lt.	Rt.
4+29-5+47	4+25-4+73
5+61-6+00	4+96-6+00
LT.	RT.
4+29-5+40	4+25-4+78
5+59-6+30	4+04-6+03

ONE COURSE 5" CEMENT CONCRETE
SIDEWALK (5'-0")
LT. 4+29-6+00
RT.

CONSTRUCT DRIVE
LT. 4+29-5+50
RT. 4+04-2+90

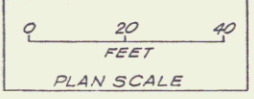
CONSTRUCT APPROACH
LT. 4+00

PAVED SHOULDERS
LT. 3+00-6+00
RT. 3+76-6+00



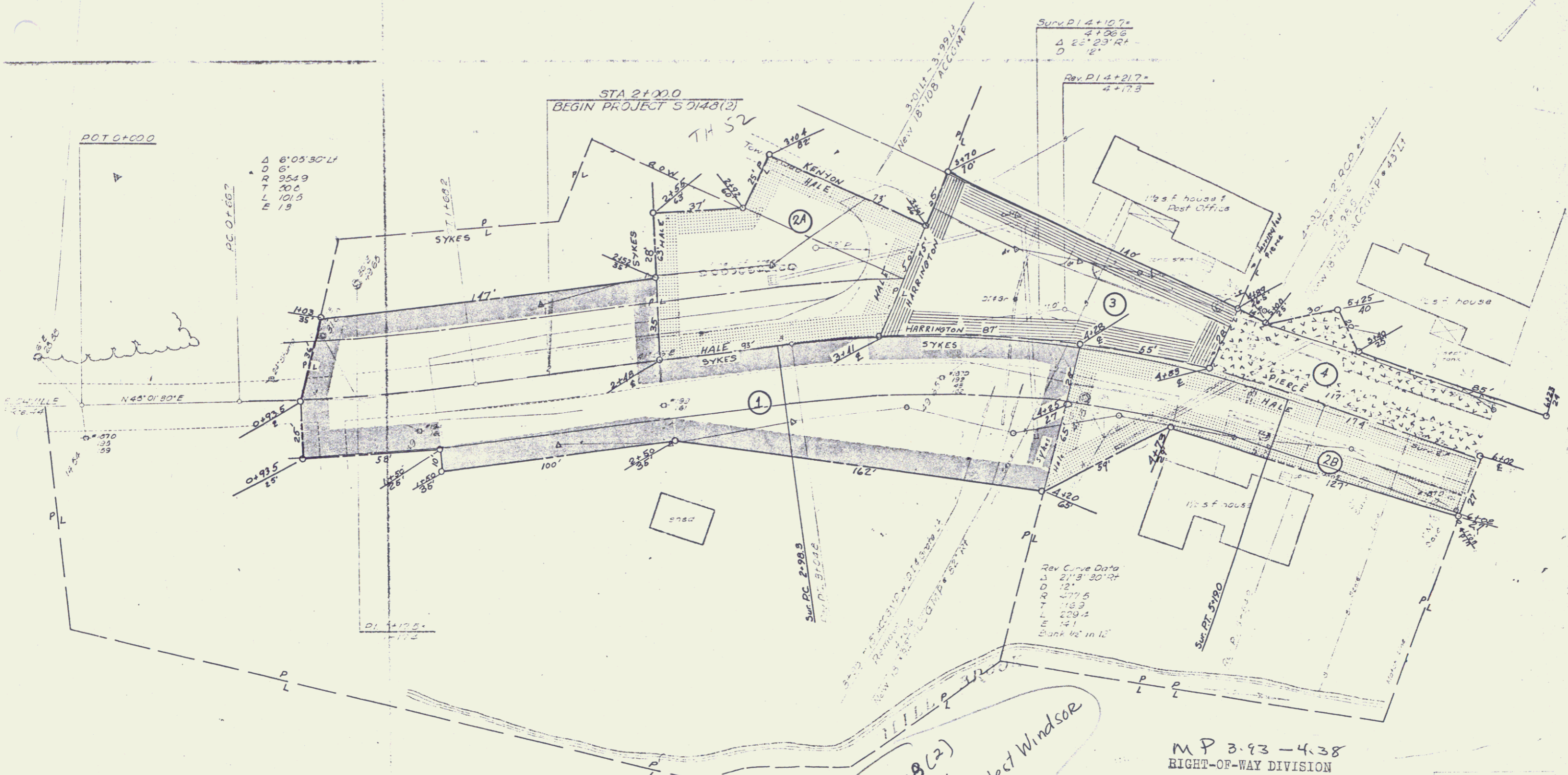
TBM'S

POLE NR.	Elev. (SIP)
161	681.17
166	672.31
157	672.84
169	671.65
173	671.72



SURVEYED BY Martin DATE 8/82
 DRAWN BY B.R.S. DATE 1/84
 TRACED BY C.E.H. DATE 1/84
 WEST WINDSOR
 PROJ. 3 NO. 0148(2)
 SHEET 2/A OF 47

GRANITE CURB	ONE COURSE 5" CEMENT CONCRETE SIDEWALK (5'-0")	CONSTRUCT DRIVE	CONSTRUCT APPROACH	PAVED SHOULDERS
LI 4+29-5+47 RF 4+25-6+73 5+61-6+00	LI 4+29-6+00	LI 4+25 RF 4+80 5+50	LI 4+00	LI 3+00-6+00 RF 3+74-6+00



Proj # 50148(2)
Date 11/1/64
Proj Name: West Windsor
Route: VT 44
P1770: 00R321

MP 3.93-4.38
RIGHT-OF-WAY DIVISION
TOWN FILE
PERPETUAL
Town of VT 44
{To Be Returned To R.O.W. Division}

20-B

4

ONE COURSE 5" CEMENT CONCRETE
SIDEWALK (5'-0")
L^t Rt
6:00-8:63
8:23-9:23 App 1100L
App 100 Rt 10:03-11:26
11:516-12:00

ONE COURSE 8" CEMENT CONCRETE
SIDEWALK (5'-0")
L^t Rt
8:63-9:28

GRANITE CURB
L^t Rt
6:00-6:29 6:00-6:13
6:29-8:23 6:33-6:32
8:23-8:67 6:76-8:06
8:31-9:23 App 1100L
App 100 Rt 10:03-11:26
11:516-12:00

PAVED SHOULDER
L^t Rt
8:00-11:26
11:516-12:00

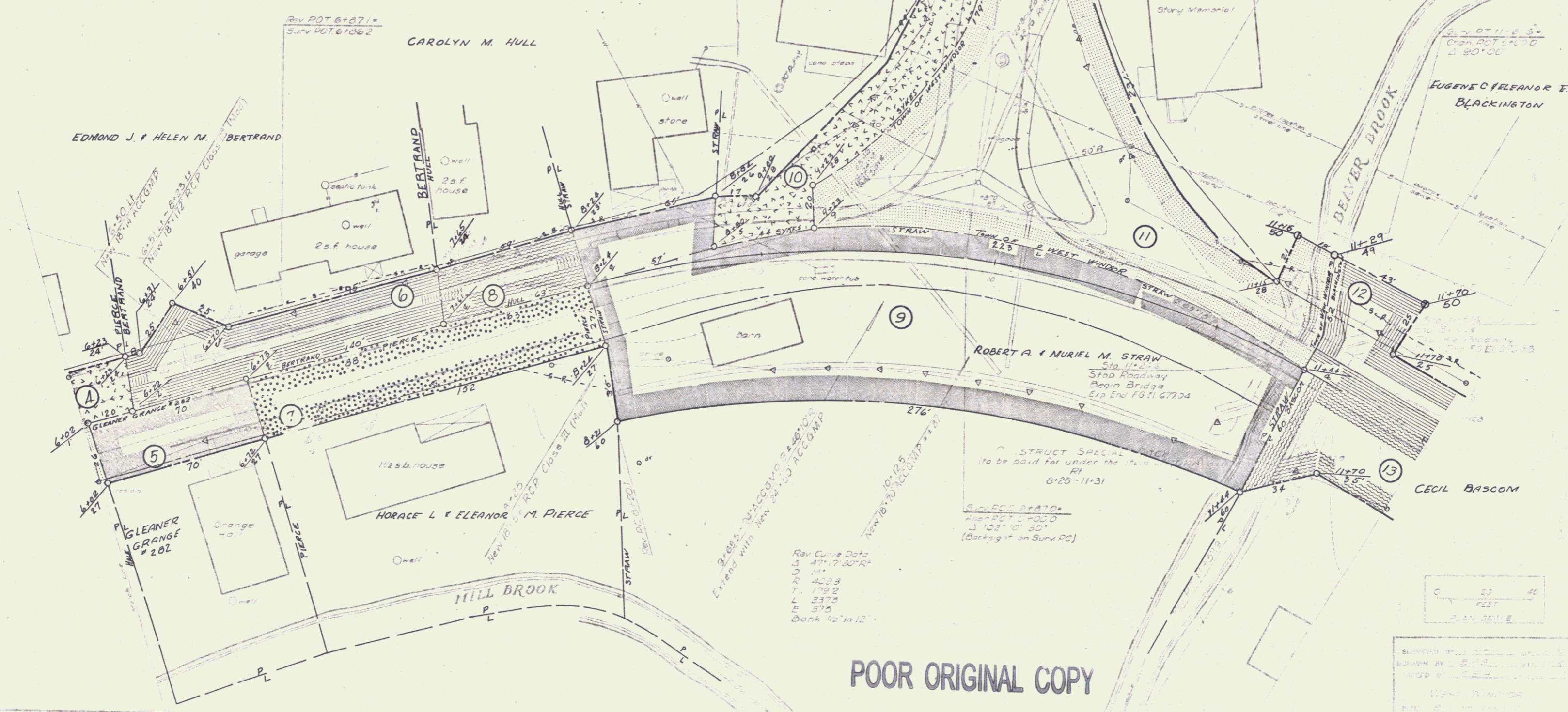
TWO CABLE GUARD RAIL
L^t Rt
11:026-11:26
11:516-11:26

REMOVAL AND DISPOSAL OF
PRESENT GUARD RAIL
11:12-11:20

DEMOLITION AND REMOVAL
OF BUILDING
L^t Rt
9:00 (1)

CONSTRUCT DRIVE
L^t Rt
6:00 6:17
8:35 6:38
9:75 6:11

CONSTRUCT APPROACH
L^t Rt
6:27



POOR ORIGINAL COPY



WEST WINDSOR
80-C

ONE COURSE 5" CEMENT CONCRETE SIDEWALK
L₁ 12:00-18:00 (5'0")
R₁

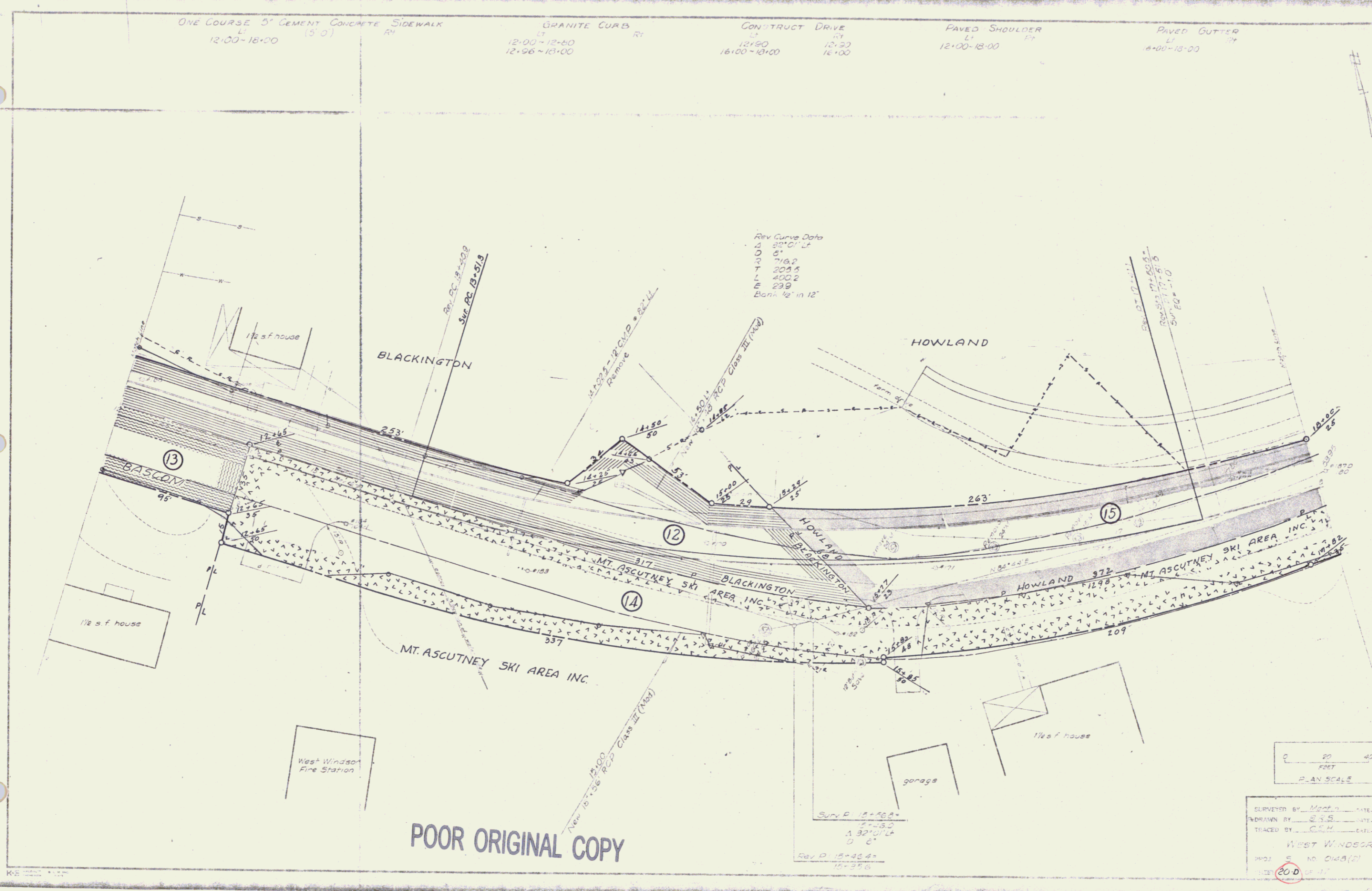
GRANITE CURB
L₁ 12:00-12:40
R₁ 12:46-13:00

CONSTRUCT DRIVE
L₁ 12:50
R₁ 12:20
16:00-18:00 16:00

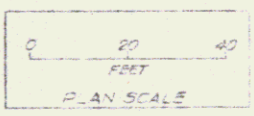
PAVED SHOULDER
L₁ 12:00-13:00
R₁

PAVED GUTTER
L₁ 16:00-18:00
R₁

Rev Curve Data
L₁ 20° 01' L₁
0'
T 100.0
L 718.2
L 204.5
L 400.2
M 239
Blank 1/2" in 12"



POOR ORIGINAL COPY



SURVEYED BY: M... DATE: 12/1/82
DRAWN BY: CCH DATE: 12/1/82
TRACED BY: CCH DATE: 12/1/82
WEST WINDSOR
PROJ: NO. 0148(2)
SHEET: 20.0 OF 17

Surv P 15+46.8
15+46.8
1 30° 01' L₁
D 6'
Rev D 15+46.8
15+46.8

ONE COURSE 5' CEMENT CONCRETE SIDEWALK (5'-0")
 Lt 6:00-8:53.17
 Rt 8:23-9:23.17 App 1:00 Lt
 Appl 1:00 Rt 10:03-11:26.6
 11:51.6-12:00

ONE COURSE 8' CEMENT CONCRETE SIDEWALK (5'-0")
 Lt 8:53-8:53.93

GRANITE CURB
 Lt 6:00-6:79
 Rt 6:00-6:03
 6:79-7:83.95
 6:33-6:82.79
 8:08-8:23.91
 6:98-8:06.5
 8:42-8:53.93
 8:53-9:23.17 App 1:00 Lt
 Appl 1:00 Rt 10:03-11:26.6
 11:51.6-12:00.5
 8:31-8:53
 8:82-9:55
 9:31-9:51.14
 3L 11:4-12:44

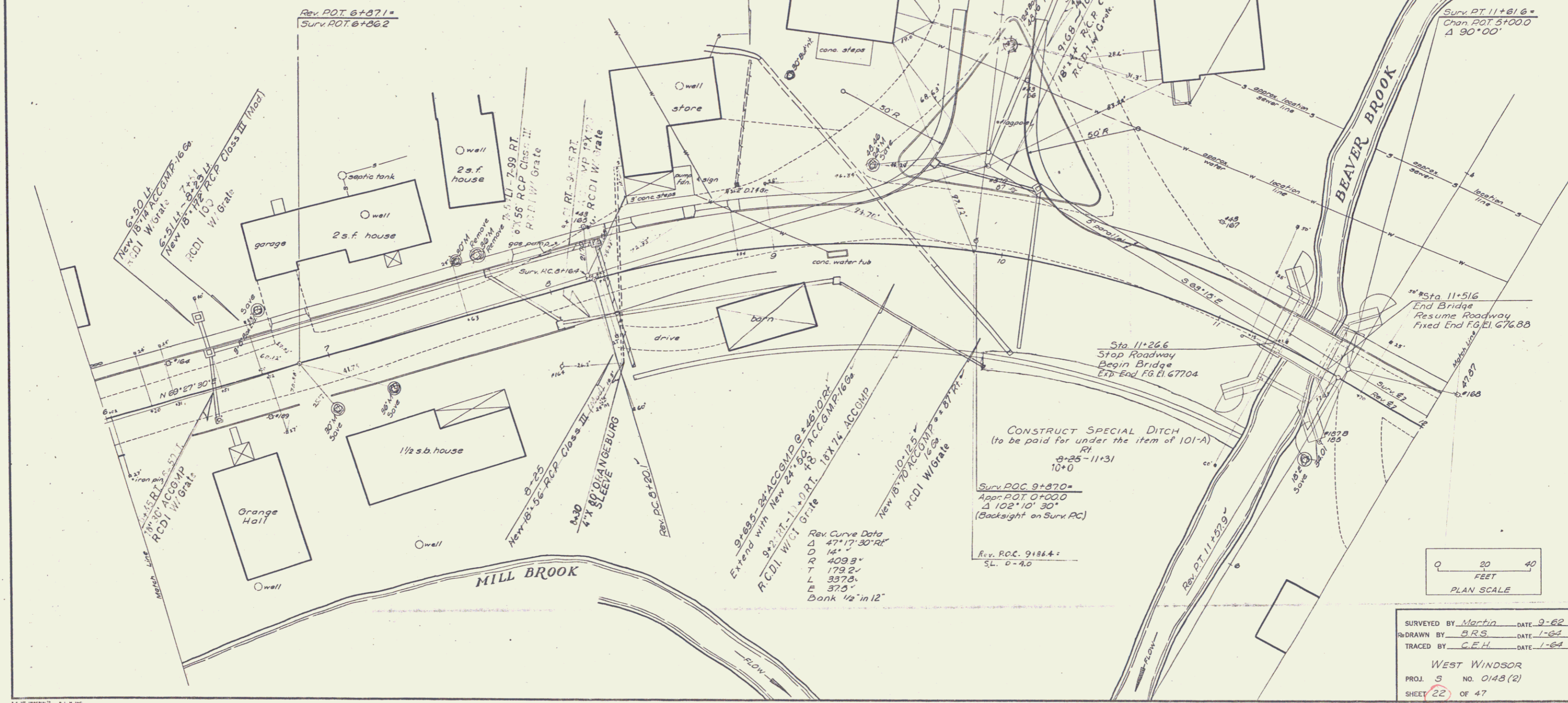
PAVED SHOULDER
 Lt 6:00-11:26.6
 Rt 6:00-9:00
 11:51.6-12:00

TWO CABLE GUARD RAIL
 Lt 11:02-11:26.6
 Rt 11:02-11:26.6
 11:51.6-11:75.8
 11:51.6-11:75.7

REMOVAL AND DISPOSAL OF PRESENT GUARD RAIL
 11:12-11:28.8

DEMOLITION AND REMOVAL OF BUILDING
 Rt 9:00 (1)

CONSTRUCT DRIVE
 Lt 6:00-9:00
 Rt 6:15-6:30
 6:30-6:42
 6:42-6:55
 6:55-7:00



USGSPBM
 M.S. No. 87
 Elev. 679.439

CONSTRUCT SPECIAL DITCH
 (to be paid for under the item of 101-A)
 Rt 8:25-11:31
 10+0
 Surv. P.O.C. 9+87.0
 App. P.O.T. 0+00.0
 Δ 102°10'30"
 (Backsight on Surv. PC)

Rev. Curve Data
 Δ 47°17'30" RT
 R 14.0
 T 40.93
 L 17.92
 E 37.5
 Bank 1/2" in 12"

0 20 40
 FEET
 PLAN SCALE

SURVEYED BY Martin DATE 9-62
 DRAWN BY BRS DATE 1-64
 TRACED BY C.E.H. DATE 1-64
 WEST WINDSOR
 PROJ. 5 NO. 0148(2)
 SHEET 22 OF 47

ONE COURSE 5" CEMENT CONCRETE
SIDEWALK (5'-0")
LT RT
6'-00 - 6'-43 3-44-1000L
6'-44 - 6'-43 3-44-1000L
11'-03 - 11'-56 3-44-1000L
11'-56 - 12'-00

ONE COURSE 5" CEMENT CONCRETE
SIDEWALK (5'-0")
LT RT
8'-43 - 9'-88

GRANITE CURB
LT RT
6'-00 - 6'-79 6'-00-6'-79
6'-79 - 8'-23 6'-79-8'-23
8'-23 - 8'-67 8'-23-8'-67
8'-67 - 9'-73 8'-67-9'-73
9'-73 - 11'-25 8'-67-9'-73
11'-25 - 12'-00 8'-67-9'-73

PAVED SHOULDER
LT RT
8'-00 - 11'-56 8'-00-11'-56
11'-56 - 12'-00 8'-00-11'-56

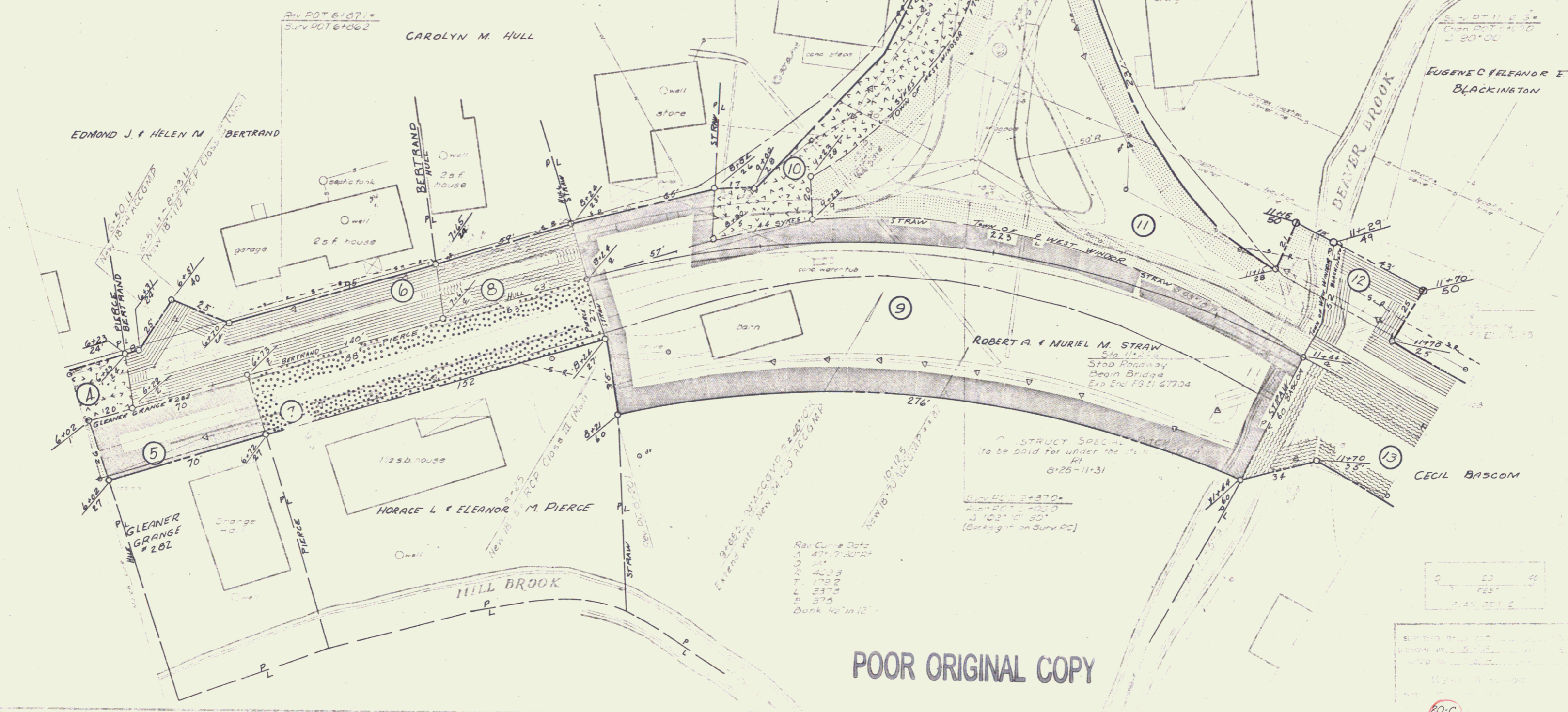
TWO CABLE GUARD RAIL
LT RT
11'-026 - 11'-266 11'-026-11'-266
11'-516 - 11'-756 11'-516-11'-756

REMOVAL AND DISPOSAL OF
PRESENT GUARD RAIL
RT
11'-12 - 11'-20

DEMOLITION AND REMOVAL
OF BUILDING
RT
9'-00 (1)

CONSTRUCT DRIVE
LT RT
6'-00 6'-17 6'-00-6'-17
8'-35 6'-08 8'-35-6'-08
9'-75 8'-11 9'-75-8'-11

CONSTRUCT APPROACH
RT
4'-00



POOR ORIGINAL COPY



20-C

ONE COURSE 5" CEMENT CONCRETE SIDEWALK
 LT 12+00-18+00 (5'-0")
 RT

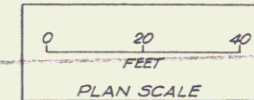
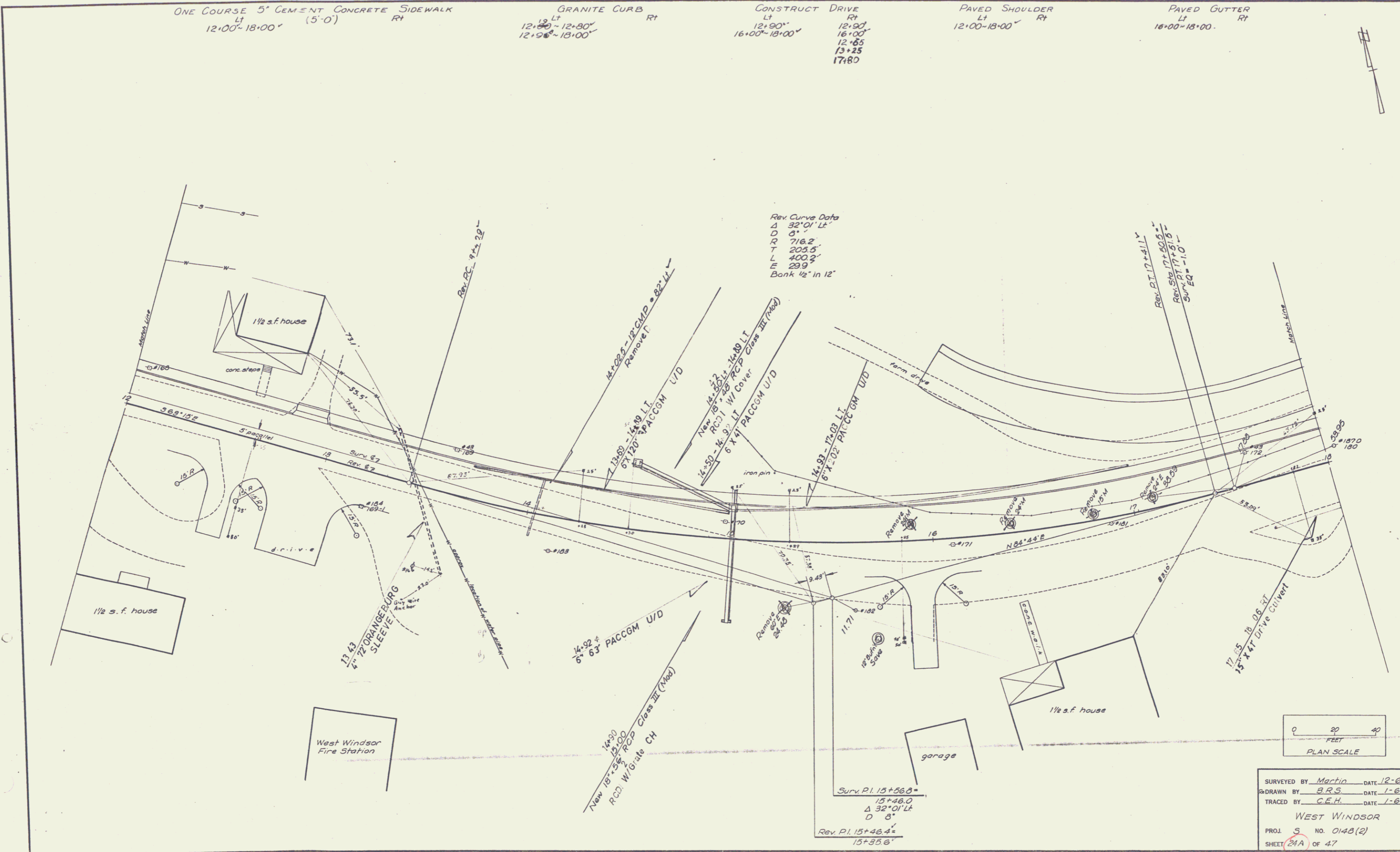
GRANITE CURB
 LT 12+90-12+90
 12+98-13+00
 RT

CONSTRUCT DRIVE
 LT 12+90-12+90
 16+00-18+00
 RT 12+90
 16+00
 12+85
 13+25
 17+80

PAVED SHOULDER
 LT 12+00-18+00
 RT

PAVED GUTTER
 LT 18+00-18+00
 RT

Rev Curve Data
 Δ 32°01' Lt
 D 8"
 T 216.2'
 L 205.5'
 E 299'
 Bank 1/2" in 12'



SURVEYED BY Martin DATE 12-62
 DRAWN BY B.R.S. DATE 1-64
 TRACED BY C.E.H. DATE 1-64
 WEST WINDSOR
 PROJ. S NO. 0148(2)
 SHEET 21A OF 47

HE

7

ONE COURSE 5" CEMENT CONCRETE SIDEWALK
L 12'00-16'00
S 1'0"

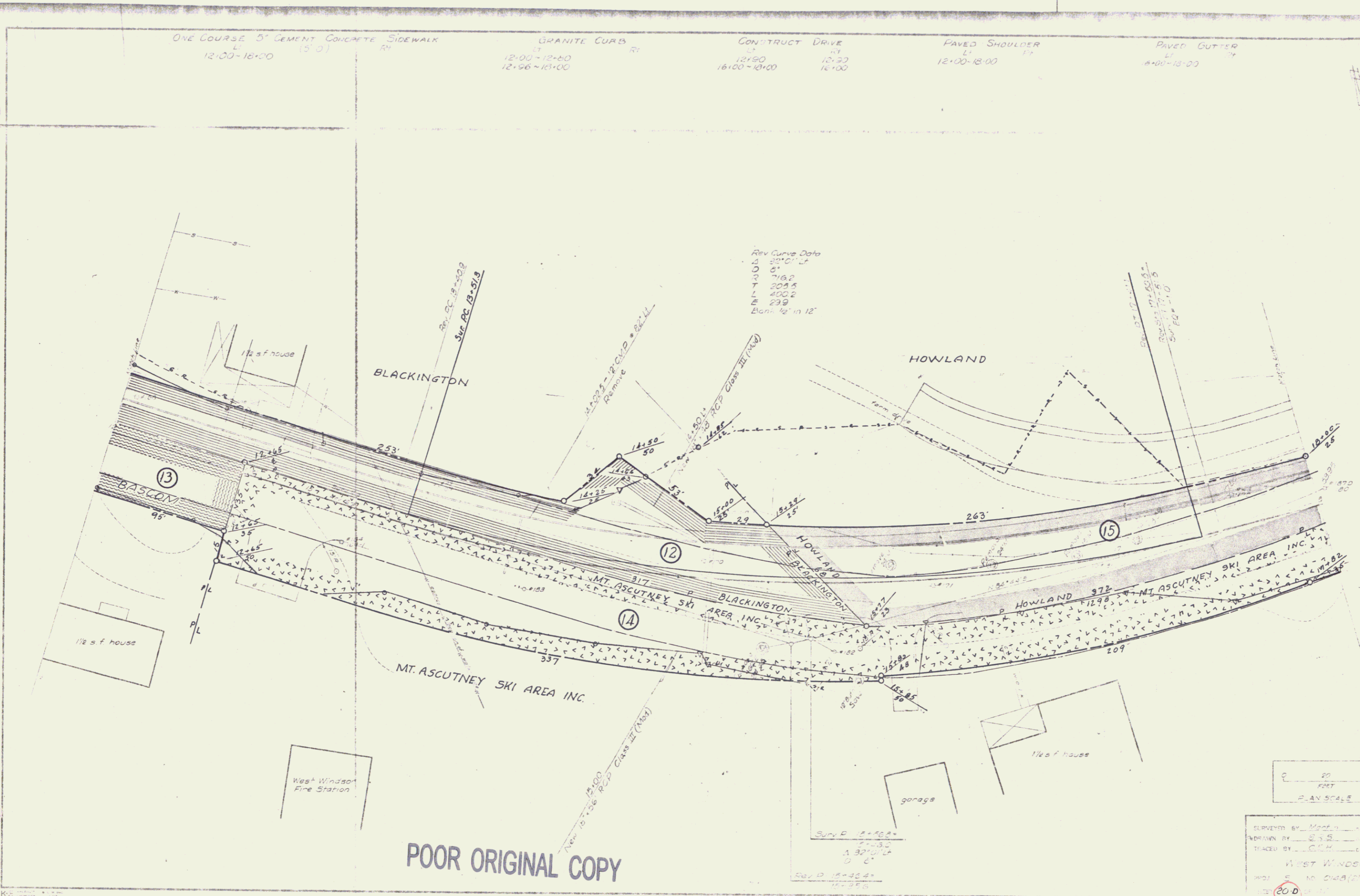
GRANITE CURB
L 12'00-12'40
R 12'46-13'00

CONSTRUCT DRIVE
L 12'50-13'20
R 16'00-13'00

PAVED SHOULDER
L 12'00-13'00
R

PAVED CUTTER
L 16'00-13'00
R

Rev Curve Data
30'0" LF
16.2
203.5
400.2
239
Elev: 12' in 12'



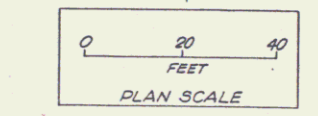
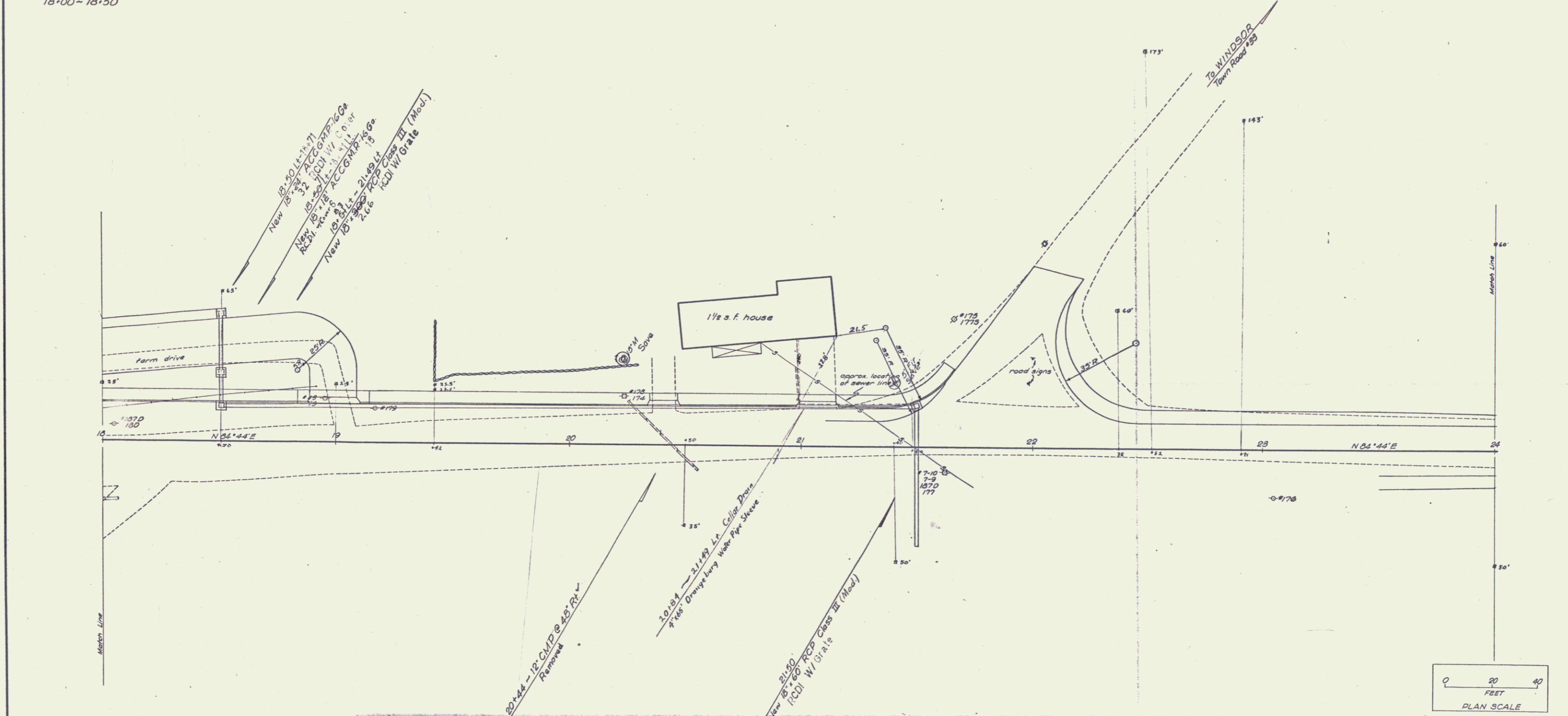
POOR ORIGINAL COPY

20 40
FEET
PLAN SCALE

SURVEYED BY: M...
DRAWN BY: E.S.
CHECKED BY: C.M.
WEST WINDSOR
NO. 10-10-10
20-D

ONE COURSE 5" CEMENT CONCRETE SIDEWALK (5'-0") Rt 18+00-18+82 Lt 19+14-21+52.70
 CONSTRUCT DRIVE Rt Lt 18+00-19+00 22+44 21+00
 CONSTRUCT APPROACH Rt Lt 21+90
 CONSTRUCT GRANITE CURB Rt Lt 18+00-18+38.6 19+01-20+34.5 20+43-20+98.7 21+18-21+52.70
 PAVED SHOULDERS Rt Lt 18+00-21+62
 CONSTRUCT SPECIAL DITCH TO DRAIN WATER POCKET AT STA 23+50 ± Lt Rt 23+50 ±- 24+00
 ONE COURSE 8" CEMENT CONCRETE SIDEWALK (5'-0") Rt Lt 18+82-19+14

CONSTRUCT PAVED GUTTER Lt Rt 18+00-18+50



SURVEYED BY Martin DATE 12-62
 DRAWN BY B.R.S. DATE 1-64
 TRACED BY C.E.H. DATE 1-64
 WEST WINDSOR
 PROJ S NO. 0148 (2)
 SHEET 25A OF 47

ONE COURSE 5" CEMENT CONCRETE SIDEWALK (5'-0")
 LT 18-00-18-84
 RT 19-14-21-66

CONSTRUCT DRIVE
 LT 18-00-19-00
 RT 20-11-21-00

CONSTRUCT APPROACH
 LT 21-90
 RT

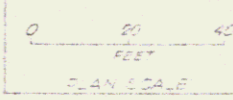
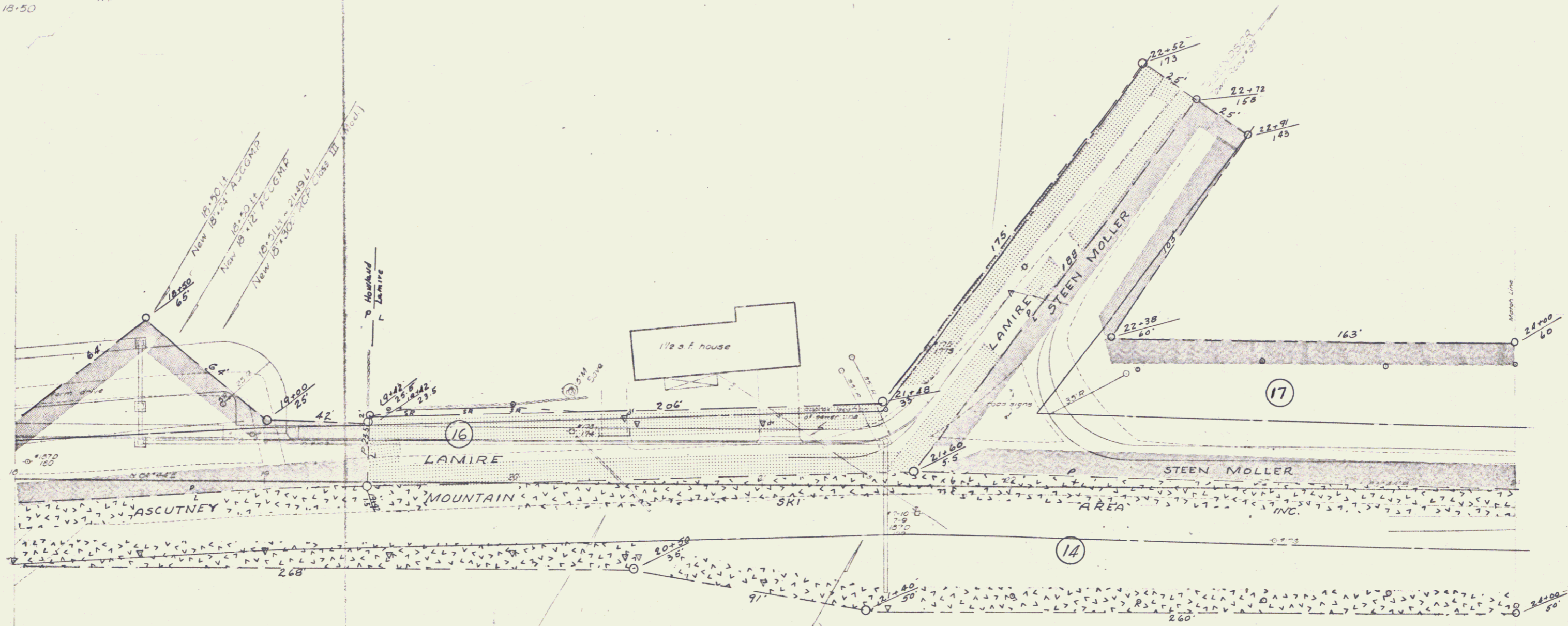
CONSTRUCT GRANITE CURB
 LT 18-00-21-23
 RT 19-10-20-31
 20-25-20-28
 21-16-21-66

PAVED SHOULDERS
 LT 18-00-21-62
 RT

CONSTRUCT SPECIAL DITCH TO DRAIN
 WATER PULLEY AT STA 23+00.5 LT
 (To be paid for under the item of 10-A)
 LT 23-50+24-00
 RT

ONE COURSE 5" CEMENT CONCRETE SIDEWALK (5'-0")
 LT 18-84-19-14
 RT

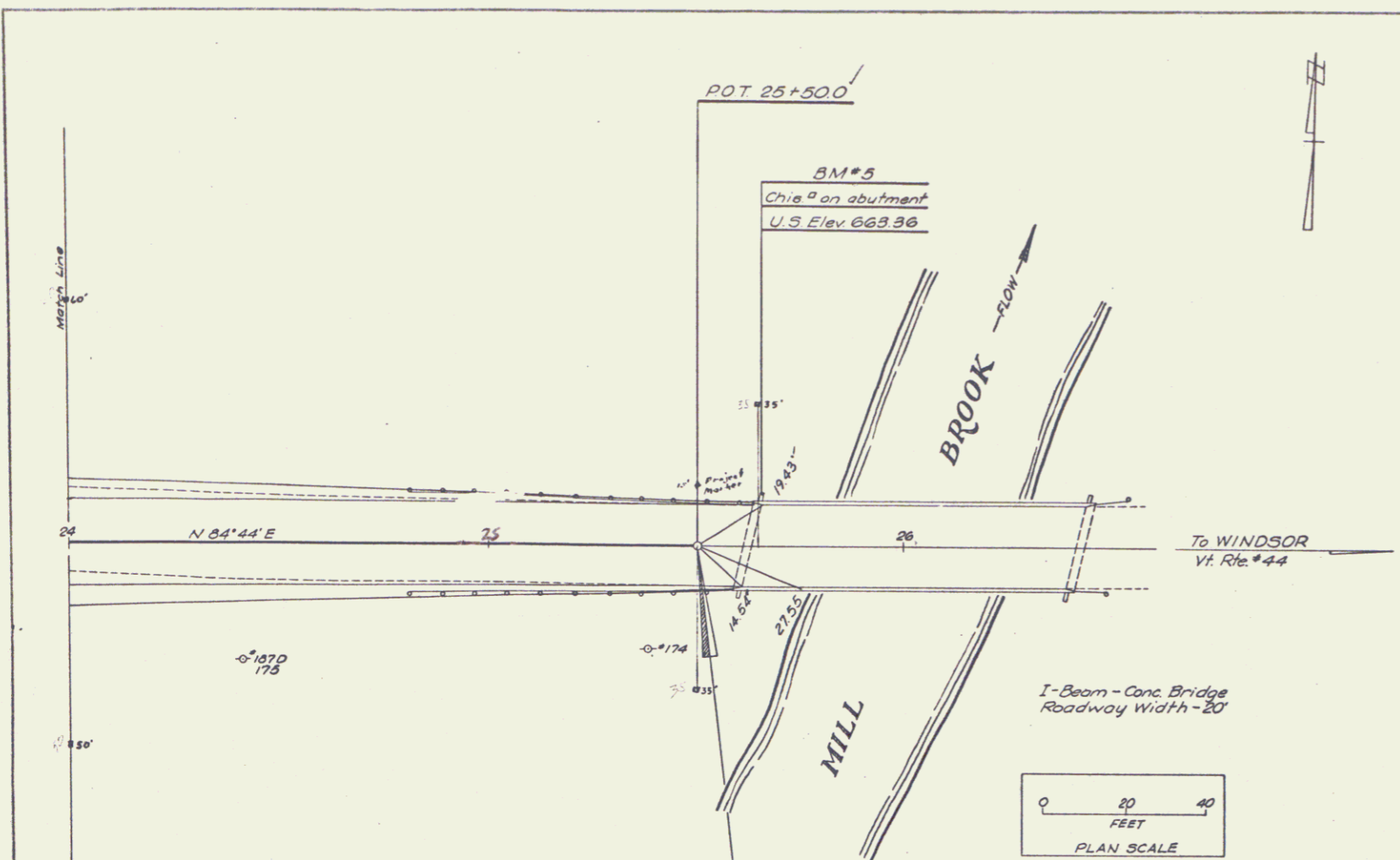
CONSTRUCT PAVED GUTTER
 LT 18-00-18-50
 RT



SURVEYED BY: [Signature]
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 DATE: [Date]
 80-E

PLAN
 DATE: 12-28-64
 DRAWN BY: C.E.H.
 CHECKED BY: C.E.H.

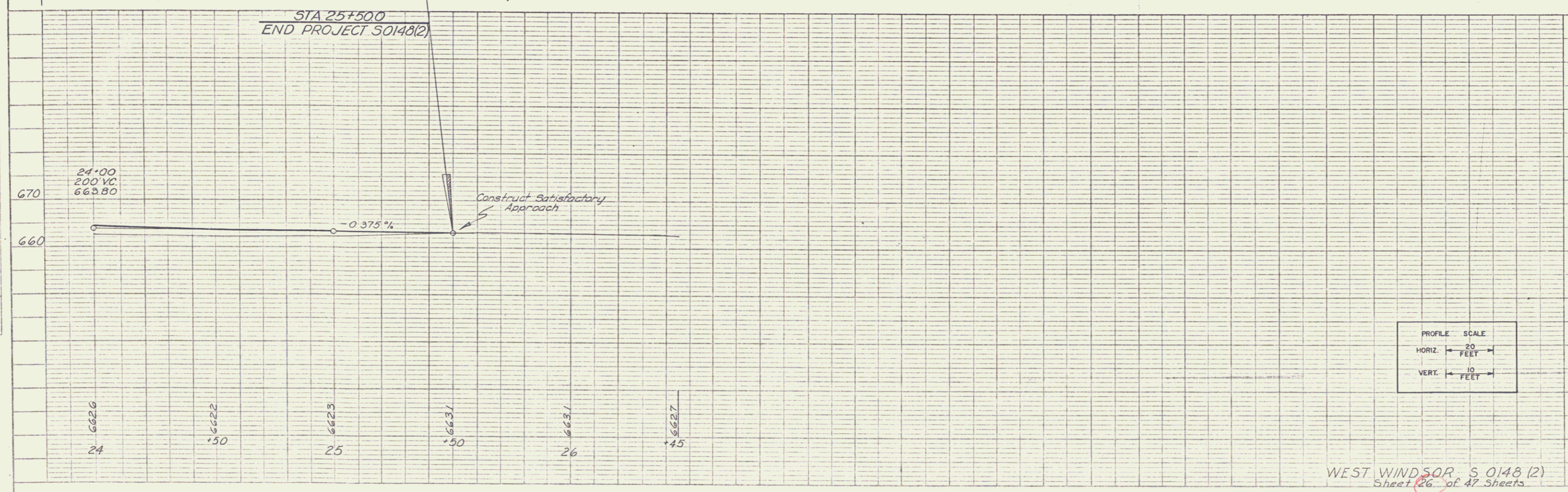
PROFILE
 DATE: 12-28-64
 DRAWN BY: M. S. S.
 CHECKED BY: M. S. S.



TWO CABLE GUARD RAIL
 Lt 24+87-25+67
 Rt 24+88-25+61

REMOVAL & DISPOSAL OF PRESENT GUARD RAIL
 Lt 24+78-25+63
 Rt 24+79-25+59

CONSTRUCT SPECIAL DITCH TO DRAIN WATER POCKET AT STA. 23+50± LT
 (To be paid for under the item of 101-A)
 Lt 24+00-25+50±
 Rt



WEST WINDSOR, S 0148 (2)
 Sheet 26 of 47 Sheets

