INDEX OF SHEETS
SEE SHEET 2

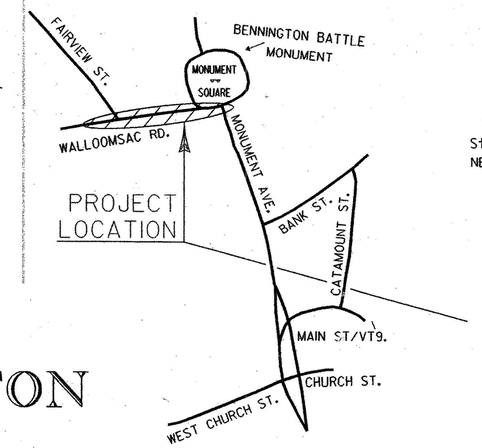
STATE OF VERMONT
AGENCY OF TRANSPORTATION

PROPOSED IMPROVEMENT
VILLAGE OF OLD BENNINGTON
COUNTY OF BENNINGTON
WALLOOMSAC RD.
(TH. 902, URBAN COLLECTOR)

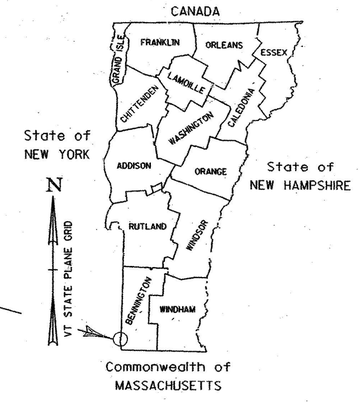
BEGINNING ON WALLOOMSAC RD. AT THE OLD BENNINGTON VILLAGE - BENNINGTON TOWN LINE AND EXTENDING EASTERLY ALONG WALLOOMSAC RD. FOR A DISTANCE OF 0.169 MILES.

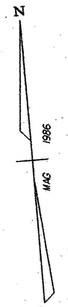
LENGTH OF ROADWAY	896.59 FEET=	0.169 MILES
LENGTH OF PROJECT	896.59 FEET=	0.169 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES RECONSTRUCTION OF A LOCAL STREET ON EXISTING LOCATION, INCLUDING GRADING, DRAINAGE, GUTTERS, SIDEWALKS, SUBBASE, AND PAVEMENT.



SCALE
0 500' 1000' 1500' 2000'

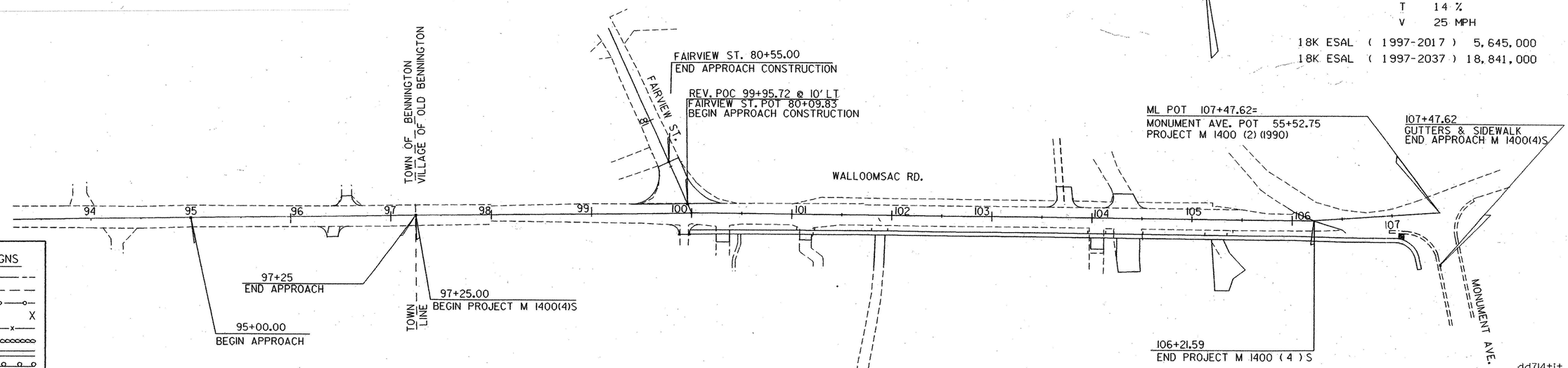




TRAFFIC DATA

1997	ADT	2110
2017	ADT	2720
2017	DHV	380
	D	51 %
	T	14 %
	V	25 MPH

18K ESAL (1997-2017) 5,645,000
18K ESAL (1997-2037) 18,841,000



SCALE
0 50 100

RECORD PLANS

CONTRACTOR:	PETRICCA CONSTRUCTION – PITTFIELD, MA.
RESIDENT ENGINEER:	L. ABEL
CONSTRUCTION BEGAN:	JULY 26, 1999
CONSTRUCTION COMPLETE:	JULY 25, 2000
RECORD PLANS BY:	N. GARBACIK

I HEREBY CERTIFY THAT ALL THE CONSTUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY _____ For The RESIDENT ENGINEER

DATE April 17, 2003

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found on microfilm in Central Files.

CONVENTIONAL SIGNS

COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS
FENCE LINE
STONE WALL
TRAVELED WAY
GUARD RAIL
RAILROAD
SURVEY LINE
CULVERT
POWER POLE
TELEPHONE POLE
TREES
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS
TOP OF CUT
TOE OF SLOPE

DATUM
VERTICAL NGVD 1929
HORIZONTAL N.A.

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.

dd714tit

APPROVED _____ DIRECTOR OF PROJECT DEVELOPMENT DATE 4/28/99

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DIVISION ADMINISTRATOR DATE _____

PROJECT OLD BENNINGTON
M 1400(4)S
SHEET 1 OF 63 SHEETS

INDEX OF SHEETS

1- TITLE SHEET

2- INDEX OF SHEETS

3- TYPICAL SHEET

4-6 QUANTITY SHEETS

7- ITEM DETAIL AND DRAINAGE SHEET

8- EARTHWORK SHEET

9-14 ROW DETAIL SHEET

15-22 PLAN AND PROFILE SHEETS

23-31 UTILITY SHEETS

32-36 TRAFFIC SIGN AND PAVEMENT MARKING SHEETS

37-38 VOID

39-58 CROSS SECTION MAINLINE

59-61 CROSS SECTION FAIRVIEW ST.

62-63 CROSS SECTION- DRAINAGE OUTLET

STANDARDS

B-5	EMBANKMENT ON EARTH SLOPE TYPICAL SLOPE ROUNDING		6/1/94
C-2A	CEMENT CONCRETE SIDEWALK, CONCRETE CURB		6/1/94
C-3	SIDEWALK RAMPS		6/1/94
D-1	PRECAST RCP DROP INLET REINFORCED CONCRETE PIPE D. I. W/ CAST IRON GRATE REINFORCED CONCRETE PIPE D. I. W/ CONCRETE COVER		6/1/94
D-2	C.R.M. HEADWALLS, UNDERDRAIN UNDERDRAIN & CARRIER PIPE CONSTRUCTION DETAILS	6/1/94	6/13/97
D-4	FLUSHING BASINS, END SECTION, ELBOWS EXTENSION SERVICE BOX AND CURB STOP CORRUGATED PIPE ELBOW GRANULAR BORROW AT CULVERT LOCATIONS UNDERDRAIN FLUSHING BASIN CORRUGATED STEEL PIPE END SECTION		6/1/94
D-6	REINF. CONCRETE DROP INLET W/GRATE (DITCHES)		6/1/94
D-15	PRECAST REINF. CONC. MANHOLE GRATES (BICYCLE SAFE) CAST IRON GRATE WITH FRAME, TYPE D CAST IRON GRATE WITH FRAME, TYPE E		6/1/94
D-20	HIGHWAY CROSSING FOR UNDERGROUND UTILITIES		3/10/95
D-22	SANITARY SEWER SYSTEMS		3/10/95

STANDARDS

E-100	CONSTRUCTION APPROACH SIGNS	1/6/97
E-100A	SIDE ROAD CONSTRUCTION - APPROACH SIGNS	1/6/97
E-101	CONSTRUCTION SIGN DETAILS	3/10/97
E-102	CONSTRUCTION SIGN DETAILS	8/8/95
E-102A	CONSTRUCTION SIGN DETAILS	8/8/95
E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	8/8/95
E-123	GUIDE SIGN PLACEMENT - MISCELLANEOUS DETAILS	8/8/95
E-124	TOWN LINE SIGNS	8/8/95
E-127	ROUTE MARKINGS AT RURAL INTERSECTIONS	8/8/95
E-128A	DETAILING VILLAGE SIGNS (A-M)	8/8/95
E-128B	DETAILING VILLAGE SIGNS (N-W)	8/8/95
E-136C	STATE NUMBERED TOWN HIGHWAY SIGN DETAILS	8/8/95
E-138	MILEMARKER DETAILS - STATE & TOWN HIGHWAYS	8/8/95
E-142	REGULATORY SIGN DETAILS	9/20/95
E-143	REGULATORY SIGN DETAILS	9/20/95
E-146	REGULATORY SIGN DETAILS	9/20/95
E-164	SQUARE STEEL SIGN POST	3/26/96
E-173	PULL BOXES AND JUNCTION BOXES	8/9/95
E-180A	STREET LIGHTING DETAILS	8/9/95
E-180B	STREET LIGHTING DETAILS	8/9/95
E-181	TYPICAL BRIDGE MOUNTING DETAILS FOR STREET LIGHT POLE	8/9/95
E-193	PAVEMENT MARKING DETAILS	8/18/95
J-3	MAILBOX SUPPORT DETAILS	8/7/95
T-1	TEMPORARY EROSION CONTROL DETAILS	6/1/94
T-2	TEMPORARY EROSION CONTROL DETAILS	6/1/94

SURVEYED BY _____ DATE _____
DRAWN BY squadc DATE 12/94
SQUAD LEADER S.MENARD
DESIGN FILE NO. /usr/84d714/dd714.dgn
IPARM FILE dd714ind DATE PLOTTED 28-APR-1999
PROJ. NAME OLD BENNINGTON
PROJ. NO. M 1400 (4)S
SHEET 2 OF 63 SHEETS

TYPICAL SECTIONS

1½" BITUMINOUS CONCRETE PAVEMENT, TYPE III

2 " BITUMINOUS CONCRETE PAVEMENT, TYPE II

5" BITUMINOUS CONCRETE PAVEMENT TYPE I (2, 2½LIFTS)

24" SUBBASE OF CRUSHED GRAVEL (COARSE GRADED)

ALL BITUMINOUS CONCRETE PAVEMENT, TO BE PG 58-28

1: AT DRIVES IN SIDEWALK LOCATIONS, THE AREA BETWEEN THE GUTTER AND SIDEWALK IS TO BE PAVED WITH 2" BITUMINOUS CONCRETE PAVEMENT THROUGH THE DRIVE AND A MINIMUM OF 3' EACH SIDE OF SPECIFIED DRIVE WIDTH.

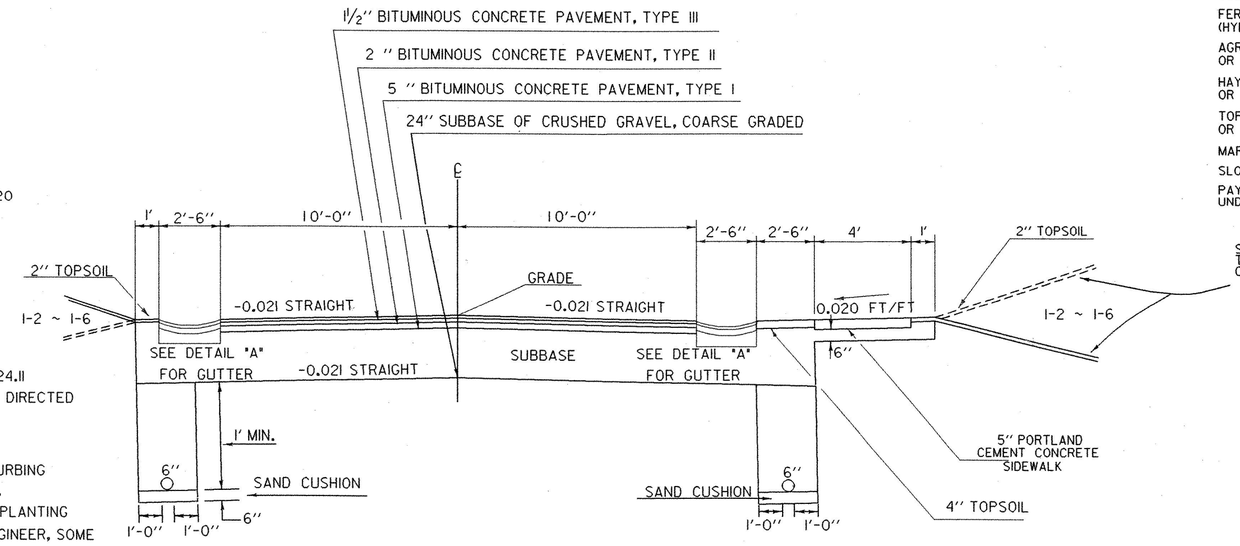
2: VARIATIONS IN GRANITE PAVING BRICK HEIGHT SHOULD BE ACCOMMODATED WITHIN THE DEPTH OF THE MORTAR BED.

3: ALL WORK TO CONSTRUCT PAVING BRICK GUTTERS ABOVE CONC. CLASS B TO BE PAID FOR UNDER ITEM 618.20 BRICK PAVING (SEE SPECIAL PROVISIONS)

4: TACK COAT-EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.015 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER. (SEE DETAIL B)

5:NOTE: SAWCUT & SEALANT DETAILS FOR GUTTER ITEM 524.11 TRANSVERSE JOINTS SHALL BE CUT EDGE TO EDGE OR AS DIRECTED BY THE RESIDENT ENGINEER.

6:NOTE: THIS PROJECT HAS BEEN DESIGNED TO AVOID DISTURBING SHRUBS/HEDGES ALONG THE ROADWAY EXCEPT FOR ℄ STA. 105+34 RT.~106+66 RT. AN ESTIMATED QUANTITY OF TRANSPLANTING SHRUBS HAS BEEN INCLUDED IF IN THE OPINION OF THE ENGINEER, SOME OF THESE OTHER ITEMS NEED TO BE RELOCATED. ALL TRANSPLANTING IS TO BE AS DIRECTED BY THE ENGINEER AS AGREED TO BY THE AFFECTED PROPERTY OWNERS.



SEEDING FORMULA
URBAN AREAS

% WT.	LBS./A.	NAME	PUR %	GERM %
42.5	34.0	CREEPING RED FESCUE	98	85
10.0	8.0	PERENNIAL RYE GRASS	95	90
42.5	34.0	KENTUCKY BLUE GRASS	85	85
5.0	4.0	ANNUAL RYE GRASS	95	85
100.00	80.0			

THE SEED MIXTURE SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS WEED SEED.

SEED- TO BE APPLIED PER SEEDING FORMULA DIRECTED BY THE ENGINEER.

FERTILIZER- FORMULA 10-20-10 TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA)

AGRICULTURAL LIMESTONE- TO BE APPLIED AT THE RATE OF 2 TONS/ACRE OR AS DIRECTED BY THE ENGINEER.

HAY MULCH- TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

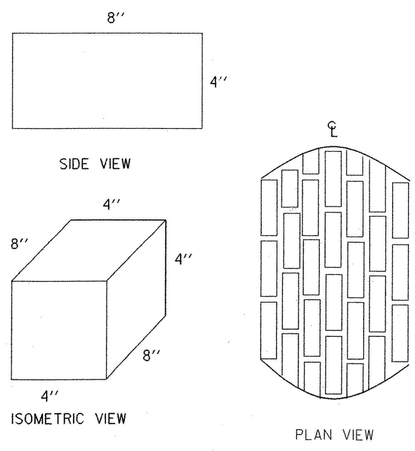
TOPSOIL- TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

MARKER POSTS- TO BE PLACED AS DIRECTED BY THE ENGINEER.

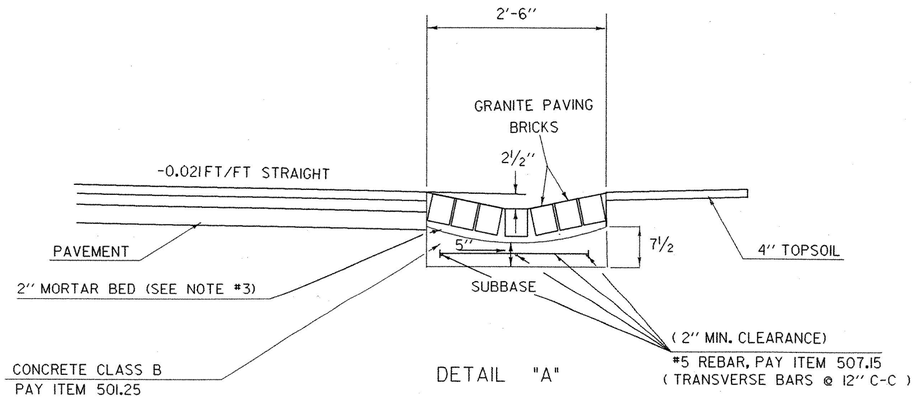
SLOPE ROUNDING- ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5.

PAY LIMITS OF SAND BORROW WHEN USED IN CONJUNCTION WITH UNDERDRAIN- SEE STANDARD SHEET D-2.

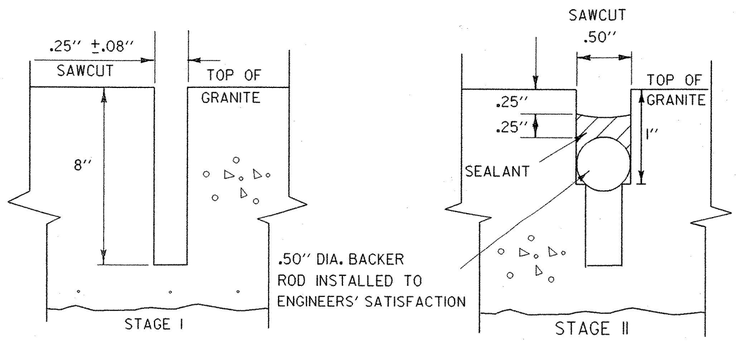
MATERIAL ITEM	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	± ¼"
SUBBASE	± 1"
SAND BORROW	± 1"



GRANITE PAVING BRICK DETAILS
(NOT TO SCALE)

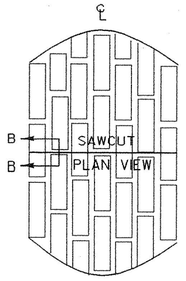


DETAIL "A"



DETAIL B-B

SAWCUT & SEALANT DETAILS FOR GRANITE PAVING BRICK GUTTERS



SAWCUT EVERY 40'-60' OR AS DIRECTED BY THE ENGINEER

dd7l4TYP

SURVEYED BY		DATE	
DRAWN BY	AL JONES	DATE	7-93
SQUAD LEADER	S.MENARD		
DESIGN IPARM	dd7l4typ	DATE PLOTTED	28-APR-1999
PROJ. NAME	OLD BENNINGTON		
PROJ. NO.	M 1400(4)S		
SHEET 3 OF 63 SHEETS			

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS		TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
6	GRAVES, HOPE J.	6,8	REV. 101+53 RT.	REV. 101+57 RT.			DITCH	(P)	COND.	01-04-99	OLD BENNINGTON	349	27	
			REV. 101+55 RT.				DRAINAGE	(P)						
			REV. 101+62 RT.	REV. 101+98 RT.			CULVERT	(P)						
			REV. 101+71 RT.	REV. 102+02 RT.			SLOPE	(T) 124 S.F.±						
			REV. 102+00 RT.											2-4" MAPLE TREES
7	MCLELLAN, JOHN M. & DIANNE E.	6,7	REV. 102+02 RT.	103+99 RT.			SLOPE	(T) 572 S.F.±						
			REV. 102+12 RT.				INSTALL	(T)						UNDERGROUND UTILITY
			REV. 102+24 RT.				INSTALL	(T)						UNDERGROUND UTILITY
			REV. 102+28 RT				INSTALL	(T)						UNDERGROUND UTILITY
			102+33 RT.				INSTALL	(T)						UNDERGROUND UTILITY
			103+39 RT.				WALK	(T)						
			103+60 RT.	103+61 RT.			INSTALL	(T)						UNDERGROUND UTILITY
			104+05 RT.				DRIVE	(T)						14' PAVED
			104+12 RT.	104+14 RT.			SLOPE	(T) 6 S.F.±						
8	COCO, HARVEY S. & DEBORAH S.	7	103+88 LT.	104+21 LT.			SLOPE	(T) 150 S.F.±	COND.	01-04-99	OLD BENNINGTON	349	27	
	COCO, SAMUEL		103+89 LT.	105+20 LT.			CULVERT	(P)						
			104+30 LT.				DRIVE	(T)						20' PAVED
			104+46 LT.	105+20 LT.			SLOPE	(P) 222 S.F.±						
9	KIMBALL, MICHEL T.	7	104+14 RT.	104+25 RT.			SLOPE	(T) 39 S.F.±	TUA	04-30-99	OLD BENNINGTON	352	107	
			104+36 RT.				DRIVE	(T)						22' PAVED
			104+30 RT.	104+40 RT.			INSTALL	(T)						UNDERGROUND HEATING TAPE
			104+50 RT.				RESET	(T)						STONE WALL
			104+48 RT.	105+12 RT.			SLOPE	(T) 942 S.F.±						
			104+52 RT.				REMOVE & RESET	(T)						BUSHES & PLANTS
			104+57 RT.				WALK	(T)						
			104+91 RT.	104+97 RT.			INSTALL	(T)						UNDERGROUND UTILITY
			105+10 RT.				INSTALL	(T)						UNDERGROUND UTILITY
			105+12 RT.				REMOVE & RESET	(T)						FENCE
10	FIRST CONGREGATIONAL	7	105+12 RT.	105+21 RT.			SLOPE	(T) 171 S.F.±	TUA	04-30-99	OLD BENNINGTON	352	108	
	CHURCH OF BENNINGTON		105+13 RT.				INSTALL	(T)						UNDERGROUND UTILITY
			105+26 RT.				DRIVE	(T)						12' GRAVEL
			105+32 RT.	106+80 RT.			SLOPE	(T) 1488 S.F.±						
			105+34 RT.	106+80 RT.			REMOVE & RESET	(T)						HEDGE ROW
			105+36 RT.	105+59 RT.			INSTALL	(T)						UNDERGROUND UTILITY
			105+40 RT.	105+56 RT.										STONE WALL
			106+56 RT.				WALK	(T)						
			106+58 RT.	106+70 RT.			INSTALL	(T)						UNDERGROUND UTILITY
11	STATE OF VERMONT	7,7A	105+21 LT.				INSTALL	(T)						UNDERGROUND UTILITY
12	STADLER, ALBERT	7B	53+11 LT.	53+47 LT.			INSTALL	(T)	TU	12-09-98	BENNINGTON	348	70	UNDERGROUND UTILITY
13	POLLOCK, DAVID J.	7B	52+02 LT.	52+50 LT.			INSTALL	(T)	TU	12-08-98	BENNINGTON	348	69	UNDERGROUND UTILITY
	LOVISA, LANI L.													

REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
11	4,7B	PARCEL NO. 13 POLLACK & LOVISA. CREATE PARCEL 13; INSTALL (T) FOR UNDERGROUND UTILITY AT STA. 52+02 LT. ~ 52+50 LT. PER C.O. 8972.	06-08-98	M.J.R.	L.W.B.
12	3,6	PARCEL NO. 5 GATLING. ADD CULVERT (P) AT STA. REV. 101+37 LT. ~ 103+89 LT. ADD CULVERT (P) AT STA. REV. 102+00 LT. PER C.O. 8989.	08-24-98	M.J.R.	L.W.B.
13	4,6,8	PARCEL NO. 6 GRAVES. REMOVE LOUIS G. FROM TITLE. PER C.O. 8990.	08-24-98	M.J.R.	L.W.B.
14	4,7	PARCEL NO. 8 COCO. CHANGE THE SPELLING OF "DEBRA" TO "DEBORAH." PER C.O. 8992.	08-28-98	M.J.R.	L.W.B.
15	3	PARCEL NO. 5 GATLING. CHANGE BEGINNING STATION OF INSTALL (T) AT REV. 102+12 LT. TO REV. 102+24 LT. PER C.O. 9003.	11-05-98	R.M.W.	L.W.B.
16	4,6,8	PARCEL NO. 6 GRAVES. REMOVE THE DESIGN LINES AND RIGHTS FOR DRIVE AT STA. REV. 101+91 RT. PER C.O. 9007.	11-05-98	R.M.W.	L.W.B.
17	4,6	PARCEL NO. 7 MCLELLAN. ADD INSTALL (T) FOR UNDERGROUND UTILITIES AT FOUR LOCATIONS: REV. 102+12 RT, REV. 102+24 RT, REV. 102+28 RT, REV. 102+33 RT. PER C.O. 9004.	11-05-98	R.M.W.	L.W.B.
18	4,7	PARCEL NO. 9 KIMBALL. ADD INSTALL (T) FOR UNDERGROUND UTILITIES AT STA. 105+10 RT. PER C.O. 9005. CHANGE WALK (T) LOCATION TO STA. 104+57 RT. ADD TOPO AND REMOVE & RESET (T) FOR BUSHES AT STA. 104+52 RT. PER C.O. 8998.	11-05-98	R.M.W.	L.W.B.
19	4,7	PARCEL NO. 10 FIRST CONGREGATIONAL CHURCH. ADD INSTALL (T) FOR UNDERGROUND UTILITIES AT STA. 105+13 RT. PER C.O. 9006.	11-05-98	R.M.W.	L.W.B.
20	8	PARCEL NO. 6 GRAVES. REVISE PLANS TO INCLUDE EXTENTION OF CULVERT AT REV. STA. 101+93 RT. PER C.O. 9034.	03-16-99	R.M.W.	L.W.B.
		REPRODUCIBLES TO DESIGN	03-26-99		
21	3,4,6	PARCEL NO. 3 DONNELLY. ADD TO PLANS UNDER PARCEL 3A. BEG. STA. 100+38 LT. TO END. STA. 100+41 LT. INSTALL & MAINTAIN (P). IN REMARKS- UNDER DRAIN. BEG. STA. 100+72 LT. NO END. STA. INSTALL & MAINTAIN (P). IN REMARKS- UNDER DRAIN. PER C.O. 9072.	09-20-99	B.A.H.	L.W.B.

DR. (P)- DRAINAGE RIGHT
DIT. (P)- DITCHING RIGHT
CH. (P)- CHANNEL RT.
DRIVE (T)- DRIVE RIGHT
CUL. (P)- CULVERT RIGHT
[W]- WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
PERMANENT EASEMENT
TEMPORARY EASEMENT

LEGEND
CLEAR ZONE
CONSTRUCTION EASEMENT
SLOPE RIGHTS
PROPERTY LINE
TOP OF CUT
TOE OF SLOPE

APPROVED: LAWRENCE W. BLISS DATE: 02-23-96
AGENT D, PLANS & TITLES

R.O.W. PLANS
OLD BENNINGTON
M 1400(4) S
R.O.W. SHEET 4 OF 12 SHEETS
SHEET 10 OF 63

ACCT.prop
/prop/84d714/rd714cd.dgn
DATE PLOTTED 20-SEP-1999
rd714cd2.i

: Sheet Number: 5

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

EROSION CONTROL		UTILITIES NO/FEDERAL/STATE PARTICIPATION	UTILITIES	FULL E.&C.		ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
						50	50	HR	ROADWAY PATROL MAINTANCE	607.10	
						1	1	HR	BULLDOZER RENTAL, TYPE I (NABI)	608.10	
						1	1	HR	POWER GRADER RENTAL (NABI)	608.15	
						1	1	HR	ALL PURP. EXCAVATOR RENTAL, TYPE I (NABI)	608.25	
						1	1	HR	POWER BROOM RENTAL (NABI)	608.30	
						1	1	HR	TRUCK RENTAL (NABI)	608.37	
						1	1	HR	LOADER RENTAL TYPE I (NABI)	608.40	
						150	150	M/GAL	DUST CONTROL W/WATER	609.10	
						1	1	TON	DUST & ICE CONTROL W/CA CL	609.15	-
12							12	CY	STONE FILL, TYPE I	613.10	-
						100	100	LF	REMOVING EXISTING CURB	616.41	-
						3	3	EA	RELOCATE MAILBOXES, SINGLE SUPPORT	617.10	-
						1	1	EA	RELOCATE MAILBOXES, MULTIPLE SUPPORTS	617.12	EST.
						340	340	SY	PORTLAND CEMENT CONC. SIDEWALK 5''	618.10	4.72
						65	65	SY	PORTLAND CEMENT CONC. SIDEWALK 8''	618.11	4.33
						650	650	SY	BRICK PAVING	618.20	4
						10	10	EA	REMOVING AND RESETTING PROP. MARKER	619.20	EST.
			6				6	EA	PAD FOR MODULAR TERMINATING CABINET	624.35	-
			3				3	EA	PAD FOR SERVICE AREA INTERFACE	624.40	-
			1				1	EA	REPLACEMENT OF EXISTING METER SOCKET (HOUSE CONNECTION #1)	624.41	-
			1				1	EA	REPLACEMENT OF EXISTING METER SOCKET (HOUSE CONNECTION #2)	624.41	-
			1				1	EA	REPLACEMENT OF EXISTING METER SOCKET (HOUSE CONNECTION #3)	624.41	-
			1				1	EA	REPLACEMENT OF EXISTING METER SOCKET (HOUSE CONNECTION #4)	624.41	-
			1				1	EA	REPLACEMENT OF EXISTING METER SOCKET (HOUSE CONNECTION #5)	624.41	-
			1				1	EA	REPLACEMENT OF EXISTING METER SOCKET (HOUSE CONNECTION #6)	624.41	-
			1				1	EA	REPLACEMENT OF EXISTING METER SOCKET (HOUSE CONNECTION #7)	624.41	-
			1				1	EA	REPLACEMENT OF EXISTING METER SOCKET (HOUSE CONNECTION #8)	624.41	-
			1				1	EA	REPLACEMENT OF EXISTING METER SOCKET (HOUSE CONNECTION #9)	624.41	-
						35	35	LF	SLEEVES FOR UTILITIES	625.10	-
						50	50	LF	RELAYING SEWER PIPE	628.30	EST
						150	150	HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
						1120	1120	HR	FLAGGERS	630.15	EST.

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

SURVEYED BY _____ DATE _____
DRAWN BY A. JONES DATE 7/94
SQUAD LEADER S. MENARD
DESIGN FILE NO. /usr/84d714/dd714.dgn
IPARM FILE dd714q2 DATE PLOTTED 28-APR-1999
PROJ. NAME OLD BENNINGTON
PROJ. NO. M 1400 (4)S
SHEET 5 OF 63 SHEETS

: Sheet Number: 6

QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

EROSION CONTROL		UTILITIES NO/FEDERAL/STATE PARTICIPATION	UTILITIES	FULL E.&C.		ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				1			1	LS	FIELD OFFICE-ENGINEERS	631.10	-
				1			1	LS	TESTING EQUIPMENT - CONCRETE	631.16	-
				1			1	LS	TESTING EQUIPMENT - BITUMINOUS	631.17	-
				1			1	LU	FIELD OFFICE TELEPHONE (NOT A BID ITEM)	631.25	-
						1	1	LS	MOBILIZATION	635.10	EST.
						35	35	LF	JACKING OR BORING WELDED STEEL PIPE	643.20	-
						2150	2150	LF	DURABLE 4'' YELLOW LINE	646.41	108
						126	126	LF	DURABLE 24'' STOP BAR	646.46	-
						36	36	EA	DURABLE LETTER OR SYMBOL	646.50	-
						6450	6450	LF	TEMPORARY 4'' YELLOW LINE	646.61	36
						42	42	LF	TEMPORARY 24'' STOP BAR	646.66	-
						12	12	EA	TEMPORARY LETTER OR SYMBOL	646.70	-
150							150	SY	GEOTEXTILE FOR SILT FENCE	649.51	EST.
25							25	LB	SEED	651.15	-
25							25	LB	SEED-WINTER RYE	651.17	-
100							100	LB	FERTILIZER	651.18	-
1							1	TON	AGRICULTURAL LIMESTONE	651.20	-
1							1	TON	HAY MULCH	651.25	-
						65	65	CY	TOPSOIL	651.35	-
50							50	SY	EROSION MATTING	654.10	-
						5	5	EA	EVERGREEN SHRUBS	656.25	-
						55	55	EA	DECIDUOUS SHRUBS	656.35	-
						5	5	EA	TRANSPLANTING SHRUBS	656.50	-
						45	45	SF	TRAFFIC SIGNS, TYPE A	675.20	1.37
									''BEGIN OPTION ITEM ''		
						230	230	LF	FLANGED CHANNEL SIGN POST W/ANCHOR	675.301	-
						230	230	LF	SQUARE TUBE STEEL SIGN POST	675.341	-
									''END OPTION ITEM ''		
						7	7	EA	REMOVING SIGNS	675.50	-
			1460				1460	LF	ELECTRICAL CONDUIT (3'' PVC)	678.21	
			120				120	LF	ELECTRICAL CONDUIT (3'' STEEL)	678.21	
			6930				6930	LF	ELECTRICAL CONDUIT (4'' PVC)	678.21	
			111				111	LF	ELECTRICAL CONDUIT (4'' STEEL)	678.21	
		1090	1270			720	3080	LF	WIRED CONDUIT	678.23	
			1				1	EA	PULL BOX STANDARD	678.25	EST
			1				1	EA	JUCTION BOX	678.26	EST
						4	4	EA	LUMINAIRE	679.50	-

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

SURVEYED BY _____ DATE _____
DRAWN BY A. JONES DATE 7/94
SQUAD LEADER S. MENARD
DESIGN FILE NO. /usr/84d714/dd714.dgn
IPARM FILE dd714q3 DATE PLOTTED 28-APR-1999
PROJ. NAME OLD BENNINGTON
PROJ. NO. M 1400 (4)S
SHEET 6 OF 63 SHEETS

ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE IN/OUT	DITCH IN	DITCH OUT	PIPE ARCH S IN	PIPE ARCH R IN	PIPE ARCH L FT	PIPE D IN	PIPE L FT	ALLOWABLE OPTIONS PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP PI TH	PIPE ELBOW NO-DEG	FES EA	CB	PRCCD	DEPTH DI	CONC CL B CY	REIN STEEL LBS	DI GRATE TYPE	CHAN ELEV	CRM CY	TR EXCAV EARTH CY	TR EXCAV ROCK CY	COMM EXC CY	UNC CHAN EXC CY	STRUC EXCAV CY	GRAN BKF STRUC CY	GRAN BORR CY	EROS MATT SY	STONE FILL CY	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	REMARKS
96+20	96+58	RT/RT		RCDI/						15	34			III		X						3.0	1.7	150	D			14												DRIVE CULVERT
REV	REV																																							
99+44	100+41	LT/LT		RCDI/						18	98			III		X						4.5	2.3	200	D			42												
REV	REV																																							
100+08	100+41	RT/RT		RCDI/						15	32			III		X						4.5	2.3	200	D			16												
REV	REV																																							
100+30	100+41	LT/LT		RCDI/						15	12			III		X						5.0	2.6	231	D			15												
REV	REV																																							
100+41	100+41	RT/LT		RCDI/						18	22			III		X						5.0	2.6	231	D			13												
REV	REV																																							
100+41	101+93	LT/LT		RCDI/						18	158			III		X						6.0	3.0	270	D			118												
REV	REV																																							
101+93	101+93	RT/LT		RCDI/						24	22			III		X						9.5	4.6	394	D			44												
REV	TRAV			RCDI/																																				
101+93	14+72	RT/RT								24	450			IV								9.5	4.6	394	D			275												
REV																																								
102+02	104+55	LT/LT		RCDI/						18	254			III		X						7.0	3.5	308	E			193												
104+55	104+55	LT/RT		RCDI/						18	22			III		X						5.5	2.8	239	E			14												
104+55	105+38	RT/RT		RCDI/						18	82			III		X						8.5	4.1	355	E			55												
105+38	105+90	RT/LT		RCDI/						18	58			III		X						5.0	2.6	231	E			40												
106+01		LT																																						RETAIN EXISTING D.I. & PIPE, CONNECT PIPE TO NEW D.I. @ 105+90 LT.
TOTALS										15 18 24 24	78 694 22 450			III III III IV		X X X				2		36.7	3203	8-D 4-E			839												

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT	
TOTALS					

UNDERDRAIN

STA.	STA.	TYPE	POS.	D	L	TRENCH E	TRENCH R	GRAN BKF	FB		MKR PST
96+58	97+00	C	RT/LT	6	48	1					
	REV										
96+58	100+04	U	RT/RT	6	346	64			1		
	REV										
97+00	99+38	U	LT/LT	6	238	33					
REV	REV										
100+46	101+97	U	RT/RT	6	146	74			1		
REV	REV										
100+46	101+93	U	LT/LT	6	148	16			1		
REV											
102+01	105+37	U	RT/RT	6	342	140			1		
REV											
101+96	104+52	U	LT/LT	6	256	15			1		
104+55	105+86	U	LT/LT	6	132	56			1		
105+39	106+50	U	RT/RT	6	112	48			1		
TOTALS		C U		48 1720	447				7		

PROJECT NAME: OLD BENNINGTON
PROJECT NUMBER: M 1400 (4)S

dd714dr 28-APR-1999
SHEET 7 OF 63 SHEETS

EARTHWORKS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.		
95+50		51				3			
	50		105				3	C	953
96+00		62				0		F	21
	57		126				3	FAC	1.15
96+57		57				3		EXC	929
	43		87				6		
97+00		52				4			
	50		88				6		
97+50		43				3			
	50		104				3		
98+00		70				0			
	50		119				0		
98+50		59				0			
	50		102				0		
99+00		51				0			
	50		102				0		
99+50		59				0			
	50		120				0		
100+00		71				0			
	50		145				0		
100+50		86				0			
	50		144				1		
101+00		70				1			
	50		144				4	C	1214
101+50		63				3		F	54
	50		123				7	FAC	1.15
102+00		63				5		EXC	1152
	50		102				10		
102+50		47				6			
	50		122				6		
103+00		85				0			
	50		157				1		
103+50		85				1			
	50		140				2		
104+00		66				1			
	50		94				6		
104+50		35				6			
	50		43				17		
105+00		11				12			
	50		15				51		
105+50		5				43			
	25		8				20		
105+75		13				0		C	136
	25		27				0	F	72.5
106+00		45				0		FAC	1.15
	25		36				0	EXC	53
106+25		32				0			
	25		20				1		
106+50		11				3			
	6		3				.5		
106+56		12				1			
	19		9				0		
106+75		13				0			
	25		10				0		
107+00		8				0			
	25		8				0		
107+25		9				0			

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.		

STATION	DIST	TOTAL EXCAVATION EARTH AND ROCK AREA	TOTAL EXCAVATION EARTH AND ROCK CU. YDS.	ROCK EXCAVATION AREA	ROCK EXCAVATION CU. YDS.	EMBANKMENT AREA	EMBANKMENT CU. YDS.		

SUMMARY AND BALANCES

STATION TO STATION		TOTAL EXCAV EARTH & ROCK	ROCK EXCAV CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES CUT	EXCESSES FILL	ACCUMULATIVE EXCESSES CUT	ACCUMULATIVE EXCESSES FILL
95+50	100+00	953		21	929		929	
100+00	105+00	1214		54	1152		2081	
105+00	107+25	136		72.5	53		2134	
	SUB-TOTALS	2303						
	DRIVES	43						
FAIRVIEW ST.								
80+09	80+25	68						
	TOTALS	2414						

REMARKS

EARTH AND ROCK EXCAVATION		2414
EARTH EXCAVATION		
PLANIMETERED FILL		148
LESS FACTORED SOLID ROCK		---
LESS DISPLACEMENT OF ANY LARGE STRUCTURES		---
NET PLANIMETERED FILL		148
FACTOR		1.15
PLANIMETERED FILL INCLUDING FACTOR		171
MATERIALS AVAILABLE FOR FILLS		
EARTH EXCAVATION		2414
CHANNEL EXCAVATION		---
UNDERDRAIN EXCAVATION	(582X60%)	341
STRUCTURE EXCAVATION		---
TOTAL MATERIAL AVAILABLE FOR FILL	2414+341	2755
TOTAL FILL INCLUDING FACTOR		171
TOTAL MATERIAL FOR FILL		
BORROW		
EXCESS EXCAVATION		2584

SURVEYED BY _____ DATE _____
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SQUAD LEADER S. MENARD
DESIGN FILE NO. /usr/sqdc/84d714/dd714.dgn
IPARM FILE dd714ew DATE PLOTTED 28-APR-1999
PROJ. NAME OLD - BENNINGTON
PROJ. NO. M 1400(4)S
SHEET 8 OF 63 SHEETS

: Sheet Number: 9

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
1	MUNDT, JEAN M. REVOCABLE TRUST MUNDT, PAUL F. REVOCABLE TRUST	5,6	REV. 99+45 LT. REV. 97+75 LT. REV. 99+53 LT	REV. 99+75 LT. REV. 98+11 LT.	435 S.F.±		SLOPE (P) 36 S.F.± EXCEPT & RESERVE	WDOE	11-30-98	BENNINGTON	347	207	 BUSH
2	LUKSUS, TZAIMS	5,6	REV. 99+93 RT. REV. 99+98 RT. REV. 99+98 RT.	 REV. 100+21 RT. REV. 100+08 RT.			DRIVE (T) SLOPE (T) 23 S.F.± REMOVE & RESET (T)						10' GRAVEL HEDGE ROW
3	DONNELLY, BRIAN & HEATHER R.	6	REV. 99+94.5 LT. REV. 100+57 LT. REV. 100+22 LT. REV. 100+59 LT.	REV. 100+59 LT. REV. 101+37 LT. REV. 101+37 LT.	520 S.F.±		SLOPE (T) 129 S.F.± EXCEPT & RESERVE CULVERT (P)						 30" ASH
4	BABCOCK, ANN AHLGREN	6,8	REV. 100+21 RT. REV. 100+31 RT. REV. 100+38 RT. REV. 100+90 RT. REV. 100+97 RT. REV. 101+14 RT. REV. 101+20 RT. REV. 101+33 RT. REV. 101+53 RT. REV. 101+55 RT.	REV. 100+24 RT. REV. 101+08 RT. REV. 101+08 RT. REV. 101+71 RT. REV. 101+70 RT.			SLOPE (T) 3 S.F.± DRIVE (T) SLOPE (T) 126 S.F.± WALK (T) INSTALL (T) DRIVE (T) SLOPE (T) 204 S.F.± REMOVE AND RESET (T)						 14' PAVED SLATE WALK UNDERGROUND UTILITY 12' PAVED STUMP STONE WALL HEDGE ROW
5	GATLING, KENT L. & ANNE C.	6,7	REV. 101+37 LT. REV. 101+37 LT. REV. 102+00 LT. REV. 102+24 LT. 102+98 LT. 103+72 LT. 103+80 LT.	103+64 LT. 103+89 LT. 102+59 LT. 103+89 LT.			SLOPE (T) 1246 S.F.± CULVERT (P) CULVERT (P) INSTALL (T) WALK (T) DRIVE (T) SLOPE (T) 40 S.F.±	WDOE	02-01-99	BENNINGTON	0350	5	 UNDERGROUND UTILITY 15' PAVED

REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
1	3, 8	PARCEL NO. 4 AHLGREN ESTATE. DELETE DITCH & DRAINAGE (P) AT STA. REV. 101+18 RT. ~ REV. 101+32 RT. DELETE CULVERT (P) AT STA. REV. 101+32 RT. ~ 101+52 RT. PER C.O. 8812.	09-06-96	M.J.R.	L.W.B.
2	4, 8	PARCEL NO. 6 GRAVES. ADD DITCH (P) AT STA. REV. 101+53 RT. ~ 101+57 RT. ADD DRAINAGE (P) AT STA. REV. 101+55 RT. CHANGE BEGINNING STA. FOR CULVERT (P) FROM STA. REV. 101+52 RT. TO REV. 101+62 RT. PER C.O. 8813.	09-06-96	M.J.R.	L.W.B.
3	3, 6 8	PARCEL NO. 4 AHLGREN. CHANGE IN OWNERSHIP NEW OWNER - BABCOCK, ANN AHLGREN. PER C.O. 8946.	01-27-98	W.L.G.	L.W.B.
4	3, 6	PARCEL NO. 4 BABCOCK. ADD INSTALL (T) AT STA. REV. 100+97 RT. ~ REV. 101+08 RT. TO DETAIL AND LAYOUT SHEET 6 FOR UTILITIES. PER C.O. 8957.	04-29-98	W.L.G.	L.W.B.
5	3, 6	PARCEL NO. 5 GATLING. ADD INSTALL (T) AT STA. 102+12 LT. ~ 102+50 LT. TO DETAIL AND LAYOUT SHEET 6 FOR UTILITIES. PER C.O. 8958.	04-29-98	W.L.G.	L.W.B.
6	4, 7	PARCEL NO. 7 MCLELLAN. ADD INSTALL (T) AT STA. 103+60 RT. ~ 103+61 RT. TO DETAIL AND LAYOUT SHEET 7 FOR UTILITIES. PER C.O. 8959.	04-29-98	W.L.G.	L.W.B.
7	4, 7	PARCEL NO. 9 KIMBALL. ADD INSTALL (T) AT STA. 104+91 RT. ~ 104+97 RT. TO DETAIL AND LAYOUT SHEET 7 FOR UTILITIES. PER C.O. 8960.	04-29-98	W.L.G.	L.W.B.
8	4, 7	PARCEL NO. 10 FIRST CONG. CHURCH OF BENN. ADD INSTALL (T) AT STA. 106+58 RT. ~ 106+70 RT. TO DETAIL AND LAYOUT SHEET 7 FOR UTILITIES. PER C.O. 8961.	04-29-98	W.L.G.	L.W.B.
9	4, 7, 7A	PARCEL NO. 11 STATE OF VT. REVISE EXISTING ROW. DELETE SLOPE (T) AND CULVERT (P). ADD INSTALL (T) FOR UNDERGROUND UTILITY AT STA. 105+21 LT. PER C.O. 8970.	06-08-98	M.J.R.	L.W.B.
10	4, 7B	PARCEL NO. 12 STADLER. CREATE PARCEL 12; INSTALL (T) FOR UNDERGROUND UTILITY AT STA. 53+11 LT. ~ 53+47 LT. PER C.O. 8971.	06-08-98	M.J.R.	L.W.B.

DR. (P)- DRAINAGE RIGHT
DIT. (P)- DITCHING RIGHT
CH. (P)- CHANNEL RT.
DRIVE (T)- DRIVE RIGHT
CUL. (P)- CULVERT RIGHT
W- WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
PERMANENT EASEMENT (P)
TEMPORARY EASEMENT (T)

LEGEND
CLEAR ZONE CZ (P)
CONSTRUCTION EASEMENT CONST. (T)
SLOPE RIGHTS SR SR
PROPERTY LINE P L
TOP OF CUT
TOE OF SLOPE

REVISED 11-05-98

APPROVED: LAWRENCE W. BLISS DATE: 02-29-96
AGENT D, PLANS & TITLES

R. O. W. PLANS
OLD BENNINGTON
M 1400(4) S
R. O. W. SHEET 3 OF 12 SHEETS
SHEET 9 OF 63

ACCT.root
/prop/84d714/rd714cd.dgn
DATE PLOTTED 28-APR-1999
rd714cdl.i

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
6	GRAVES, HOPE J.	6, 8	REV. 101+53 RT. REV. 101+55 RT. REV. 101+62 RT. REV. 101+71 RT. REV. 102+00 RT.	REV. 101+57 RT. REV. 101+98 RT. REV. 102+02 RT.			DITCH (P) DRAINAGE (P) CULVERT (P) SLOPE (T) 124 S.F.±						 2-4" MAPLE TREES
7	MCLELLAN, JOHN M. & DIANNE E.	6, 7	REV. 102+02 RT. REV. 102+12 RT. REV. 102+24 RT. REV. 102+28 RT 102+33 RT. 103+39 RT. 103+60 RT. 104+05 RT. 104+12 RT.	103+99 RT. 103+61 RT. 104+14 RT.			SLOPE (T) 572 S.F.± INSTALL (T) INSTALL (T) INSTALL (T) INSTALL (T) WALK (T) INSTALL (T) DRIVE (T) SLOPE (T) 6 S.F.±						 UNDERGROUND UTILITY UNDERGROUND UTILITY UNDERGROUND UTILITY UNDERGROUND UTILITY UNDERGROUND UTILITY 14' PAVED
8	COCO, HARVEY S. & DEBORAH S. COCO, SAMUEL	7	103+88 LT. 103+89 LT. 104+30 LT. 104+46 LT.	104+21 LT. 105+20 LT. 105+20 LT.			SLOPE (T) 150 S.F.± CULVERT (P) DRIVE (T) SLOPE (P) 222 S.F.±						 20' PAVED
9	KIMBALL, MICHEL T.	7	104+14 RT. 104+36 RT. 104+30 RT. 104+50 RT. 104+48 RT. 104+52 RT. 104+57 RT. 104+91 RT. 105+10 RT. 105+12 RT.	104+25 RT. 104+40 RT. 105+12 RT. 104+97 RT. 			SLOPE (T) 39 S.F.± DRIVE (T) INSTALL (T) RESET (T) SLOPE (T) 942 S.F.± REMOVE & RESET (T) WALK (T) INSTALL (T) INSTALL (T) REMOVE & RESET (T)						 22' PAVED UNDERGROUND HEATING TAPE STONE WALL BUSHES & PLANTS UNDERGROUND UTILITY UNDERGROUND UTILITY FENCE
10	FIRST CONGREGATIONAL CHURCH OF BENNINGTON	7	105+12 RT. 105+13 RT. 105+26 RT. 105+32 RT. 105+34 RT. 105+36 RT. 105+40 RT. 106+56 RT. 106+58 RT.	105+21 RT. 106+80 RT. 106+80 RT. 105+59 RT. 105+56 RT. 106+70 RT.			SLOPE (T) 171 S.F.± INSTALL (T) DRIVE (T) SLOPE (T) 1488 S.F.± REMOVE & RESET (T) INSTALL (T) WALK (T) INSTALL (T)						 UNDERGROUND UTILITY 12' GRAVEL HEDGE ROW UNDERGROUND UTILITY STONE WALL UNDERGROUND UTILITY
11	STATE OF VERMONT	7, 7A	105+21 LT.				INSTALL (T)						UNDERGROUND UTILITY
12	STADLER, ALBERT	7B	53+11 LT.	53+47 LT.			INSTALL (T)	TU	12-09-98	BENNINGTON	348	70	UNDERGROUND UTILITY
13	POLLOCK, DAVID J. LOVISA, LANI L.	7B	52+02 LT.	52+50 LT.			INSTALL (T)	TU	12-08-98	BENNINGTON	348	69	UNDERGROUND UTILITY

REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
11	4, 7B	PARCEL NO. 13 POLLACK & LOVISA. CREATE PARCEL 13; INSTALL (T) FOR UNDERGROUND UTILITY AT STA. 52+02 LT. ~ 52+50 LT. PER C.O. 8972.	06-08-98	M.J.R.	L.W.B.
12	3, 6	PARCEL NO. 5 GATLING. ADD CULVERT (P) AT STA. REV. 101+37 LT. ~ 103+89 LT. ADD CULVERT (P) AT STA. REV. 102+00 LT. PER C.O. 8989.	08-24-98	M.J.R.	L.W.B.
13	4, 6, 8	PARCEL NO. 6 GRAVES. REMOVE LOUIS G. FROM TITLE. PER C.O. 8990.	08-24-98	M.J.R.	L.W.B.
14	4, 7	PARCEL NO. 8 COCO. CHANGE THE SPELLING OF "DEBRA" TO "DEBORAH." PER C.O. 8992.	08-28-98	M.J.R.	L.W.B.
15	3	PARCEL NO. 5 GATLING. CHANGE BEGINNING STATION OF INSTALL (T) AT REV. 102+12 LT. TO REV. 102+24 LT. PER C.O. 9003.	11-05-98	R.M.W.	L.W.B.
16	4, 6, 8	PARCEL NO. 6 GRAVES. REMOVE THE DESIGN LINES AND RIGHTS FOR DRIVE AT STA. REV. 101+91 RT. PER C.O. 9007.	11-05-98	R.M.W.	L.W.B.
17	4, 6	PARCEL NO. 7 MCLELLAN. ADD INSTALL (T) FOR UNDERGROUND UTILITIES AT FOUR LOCATIONS: REV. 102+12 RT, REV. 102+24 RT, REV. 102+28 RT, REV. 102+33 RT. PER C.O. 9004.	11-05-98	R.M.W.	L.W.B.
18	4, 7	PARCEL NO. 9 KIMBALL. ADD INSTALL (T) FOR UNDERGROUND UTILITIES AT STA. 105+10 RT. PER C.O. 9005. CHANGE WALK (T) LOCATION TO STA. 104+57 RT. ADD TOPO AND REMOVE & RESET (T) FOR BUSHES AT STA. 104+52 RT. PER C.O. 8998.	11-05-98	R.M.W.	L.W.B.
19	4, 7	PARCEL NO. 10 FIRST CONGREGATIONAL CHURCH. ADD INSTALL (T) FOR UNDERGROUND UTILITIES AT STA. 105+13 RT. PER C.O. 9006.	11-05-98	R.M.W.	L.W.B.
20	8	PARCEL NO. 6 GRAVES. REVISE PLANS TO INCLUDE EXTENTION OF CULVERT AT REV. STA. 101+93 RT. PER C.O. 9034.	03-16-99	R.M.W.	L.W.B.
		REPRODUCIBLES TO DESIGN	03-26-99		

ACCT.root
/prop/84d714/rd714cd.dgn
DATE PLOTTED 28-APR-1999
rd714cd2.i

DR. (P)- DRAINAGE RIGHT
DIT. (P)- DITCHING RIGHT
CH. (P)- CHANNEL RT.
DRIVE (T)- DRIVE RIGHT
CUL. (P)- CULVERT RIGHT
[W]- WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

LEGEND
CZ (P) CLEAR ZONE
CONST. (T) CONSTRUCTION EASEMENT
SR SR SLOPE RIGHTS
P PROPERTY LINE
L
TOP OF CUT
TOE OF SLOPE

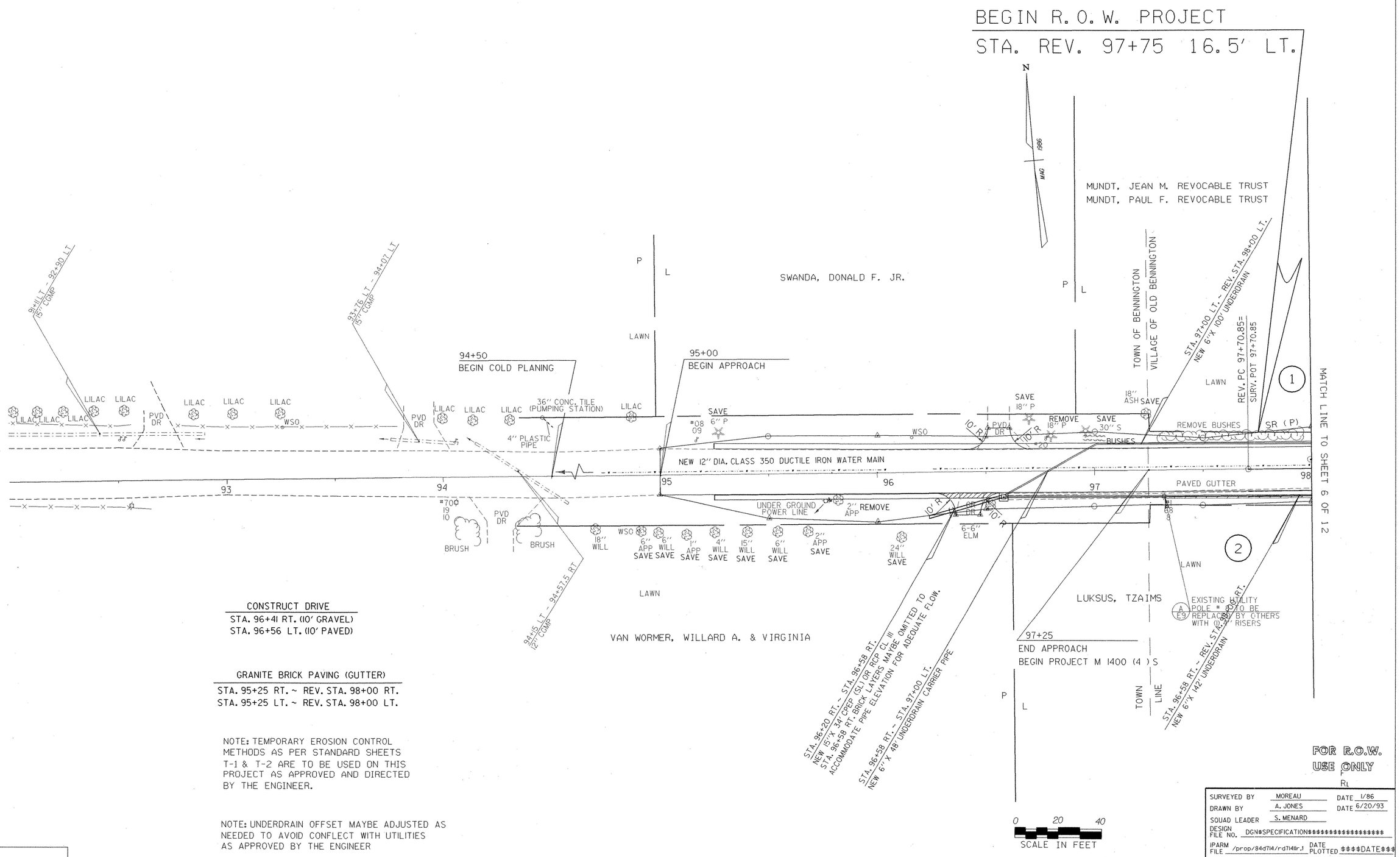
REVISED 11-05-98

APPROVED: LAWRENCE W. BLISS DATE: 02-29-96
AGENT D. PLANS & TITLES

R. O. W. PLANS

OLD BENNINGTON
M 1400(4) S
R. O. W. SHEET 4 OF 12 SHEETS
SHEET 10 OF 63

AS AP



CONSTRUCT DRIVE
STA. 96+41 RT. (10' GRAVEL)
STA. 96+56 LT. (10' PAVED)

GRANITE BRICK PAVING (GUTTER)
STA. 95+25 RT. ~ REV. STA. 98+00 RT.
STA. 95+25 LT. ~ REV. STA. 98+00 LT.

NOTE: TEMPORARY EROSION CONTROL METHODS AS PER STANDARD SHEETS T-1 & T-2 ARE TO BE USED ON THIS PROJECT AS APPROVED AND DIRECTED BY THE ENGINEER.

NOTE: UNDERDRAIN OFFSET MAYBE ADJUSTED AS NEEDED TO AVOID CONFLECT WITH UTILITIES AS APPROVED BY THE ENGINEER

FOR R.O.W. USE ONLY

SURVEYED BY	MOREAU	DATE	1/86
DRAWN BY	A. JONES	DATE	6/20/93
SQUAD LEADER	S. MENARD		
DESIGN FILE NO.	DGN$SPECIFICATION$$$$$$$$$$$$$$$$$$		
IPARM FILE	/prop/84d714/rd714llr.1	DATE PLOTTED	$$$$DATE$$$

OLD BENNINGTON
M 1400(4) S
R.O.W. SHEET 5 OF 12 SHEETS
SHEET 11 OF 63 SHEETS

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

GRANITE BRICK PAVING (GUTTERS)

REV. STA. 98+00 LT. ~ FAIR. ST. STA. 80+55 LT.
FAIR. ST. STA. 80+55 RT. ~ STA. 103+50 LT.
REV. STA. 98+00 RT. ~ STA. 103+50 RT.

NOTE: UNDERDRAIN OFFSET MAYBE ADJUSTED AS NEEDED TO AVOID CONFLECT WITH UTILITIES AS APPROVED BY THE ENGINEER.

THE ACTUAL LOCATION OF THE DROP INLET @ 100+08 RT. MAYBE ADJUSTED IN THE FIELD TO AVOID CONFLICT WITH THE SEWER MANHOLE AT THAT STATION AS DIRECTED BY THE ENGINEER.

CONCRETE MANHOLE WITH CAST IRON COVER (MOD)

STA. 100+08 RT.
STA. 101+44 RT.
STA. 102+64 RT.

5" PORTLAND CEMENT CONCRETE SIDEWALK

REV. STA. 99+98 RT. ~REV. STA. 100+24 RT.
REV. STA.100+38 RT. ~REV.STA. 101+08 RT.
REV. STA. 101+20 RT. ~REV. STA. 101+86 RT.
REV. STA. 101+96 RT. ~ STA. 103+50 RT.

8" PORTLAND CEMENT CONCRETE SIDEWALK

REV. STA. 100+19 RT.~REV. STA. 100+43 RT.
REV. STA. 101+03 RT. ~REV. STA. 101+25 RT.
REV. STA. 101+91 RT. ~REV. STA. 102+01 RT.

STA. 102+98 LT.
REMOVE & RESET MARBLE WALK
AS DIRECTED BY THE ENGINEER
AS AGREED TO BY THE PROPERTY OWNER
PAYMENT SUBSIDIARY TO COMMON EXCAVATION

NOTE: TEMPORARY EROSION CONTROL METHODS AS PER STANDARD SHEETS T-1 & T-2 ARE TO BE USED ON THIS PROJECT AS APPROVED AND DIRECTED BY THE ENGINEER.

DROP INLETS AT STATIONS 101+95 RT. AND 104+50 RT. ARE TO BE INSTALLED TO AVOID DISTURBING THE EXISTING 8" SEWER LINE IF POSSIBLE.
A QUANTITY OF RELAYING SEWER PIPE HAS BEEN ESTIMATEED TO ALLOW RELOCATION OF THE SEWER LINE IF NECESSERY.

FAIRVIEW ST. POT 82+00.00
FAIRVIEW ST. POT 81+42.50
FAIRVIEW ST. 80+55.00
END APPROACH CONSTRUCTION
REV. POC 99+95.72 @ 10' LT
FAIRVIEW ST. POT 80+09.83
BEGIN APPROACH CONSTRUCTION
REV. 99+94.5 52' LT.
REV. 99+62 43' LT.
REV. 99+75 13.5' LT.
REV. 99+45 14.5' LT.
REV. 100+18 26' LT.
REV. 100+12 13.5' LT.
REV. 100+59 13' LT.
ML POT 101+92.785
TRAV 10+00.00
ML POT 103+00.00
SURV. ML POT 100+00.00=
REV. PI 100+00.00=
99+99.98=
FAIRVIEW ST. POT 80+00
SURV. POT 102+29.13 = REV. PT 102+29.13 =

MUNDT, JEAN M. REVOCABLE TRUST
MUNDT, PAUL F. REVOCABLE TRUST
LUKSUS, TZAIMS
DONNELLY, BRIAN & HEATHER R.
BABCOCK, ANN AHLGREN
GATLING, KENT L. & ANNE C.
MCLELLAN, JOHN M. & DIANNE E.
GRAVES, HOPE J.

BM # 1
S.L.T. 12" ASH
ELEV. 840.52

REV. CURVE DATA
△ = 01° - 08' - 45" RT.
D = 00° -15'
R = 22918.32
T = 229.15
L = 458.28
E = 1.15
NORMAL CROWN

CONSTRUCT DRIVE
REV. STA. 99+93 RT. (10' GRAVEL)
REV. STA. 100+31 RT. (14' PAVED)
REV. STA. 101+14 RT. (12' PAVED)
REV. STA. 101+91 RT. (10' GRAVEL)

REV. STA. 98+00 LT. ~ REV. STA. 99+38 LT. NEW 6"X 138' UNDERDRAIN W/F.B. @ REV. STA. 98+00 RT. ~ REV. STA. 99+38 LT.
REV. STA. 98+00 RT. ~ REV. STA 100+04 RT. NEW 6"X 209' UNDERDRAIN W/ F.B. @ REV. STA. 100+04 RT.
REV. STA. 99+44 LT. ~ REV. STA. 100+41 LT. NEW 18"X 98' CPEP (SL) OR RCP CL III
REV. STA. 100+30 LT. ~ REV. STA. 100+41 LT. NEW 15"X 12' CPEP (SL) OR RCP CL III
REV. STA. 100+41 RT. ~ REV. STA. 100+41 LT. NEW 18"X 22' CPEP (SL) OR RCP CL III
REV. STA. 100+41 LT. ~ REV. STA. 101+93 LT. NEW 18"X 158' CPEP (SL) OR RCP CL III
REV. STA. 100+08 RT. ~ REV. STA. 100+41 RT. NEW 15"X 32' CPEP (SL) OR RCP CL III
REV. STA. 100+46 LT. ~ REV. STA. 101+93 LT. NEW 6"X 148' UNDERDRAIN W/F.B. @ REV. STA. 100+46 LT.
REV. STA. 100+46 RT. ~ REV. STA. 100+46 LT. NEW 6"X 145' UNDERDRAIN W/F.B. @ REV. STA. 100+46 RT.
REV. STA. 101+93 RT. ~ REV. STA. 101+93 LT. NEW 24"X 22' CPEP (SL) OR RCP CL III
REV. STA. 101+94 RT. ~ TRAV. STA. 14+72 RT. NEW 24"X 450' RCP CL IV
REV. STA. 101+96 LT. ~ STA. 104+55 LT. NEW 18"X 260' CPEP (SL) OR RCP CL III
REV. STA. 101+95 RT. ~ STA. 103+50 RT. NEW 6"X 155' UNDERDRAIN
REV. STA. 101+96 LT. ~ STA. 103+50 LT. NEW 6"X 148' UNDERDRAIN

MATCH LINE TO SHEET 5 OF 12
MATCH LINE TO SHEET 7 OF 12
MATCH LINE TO SHEET 8 OF 12

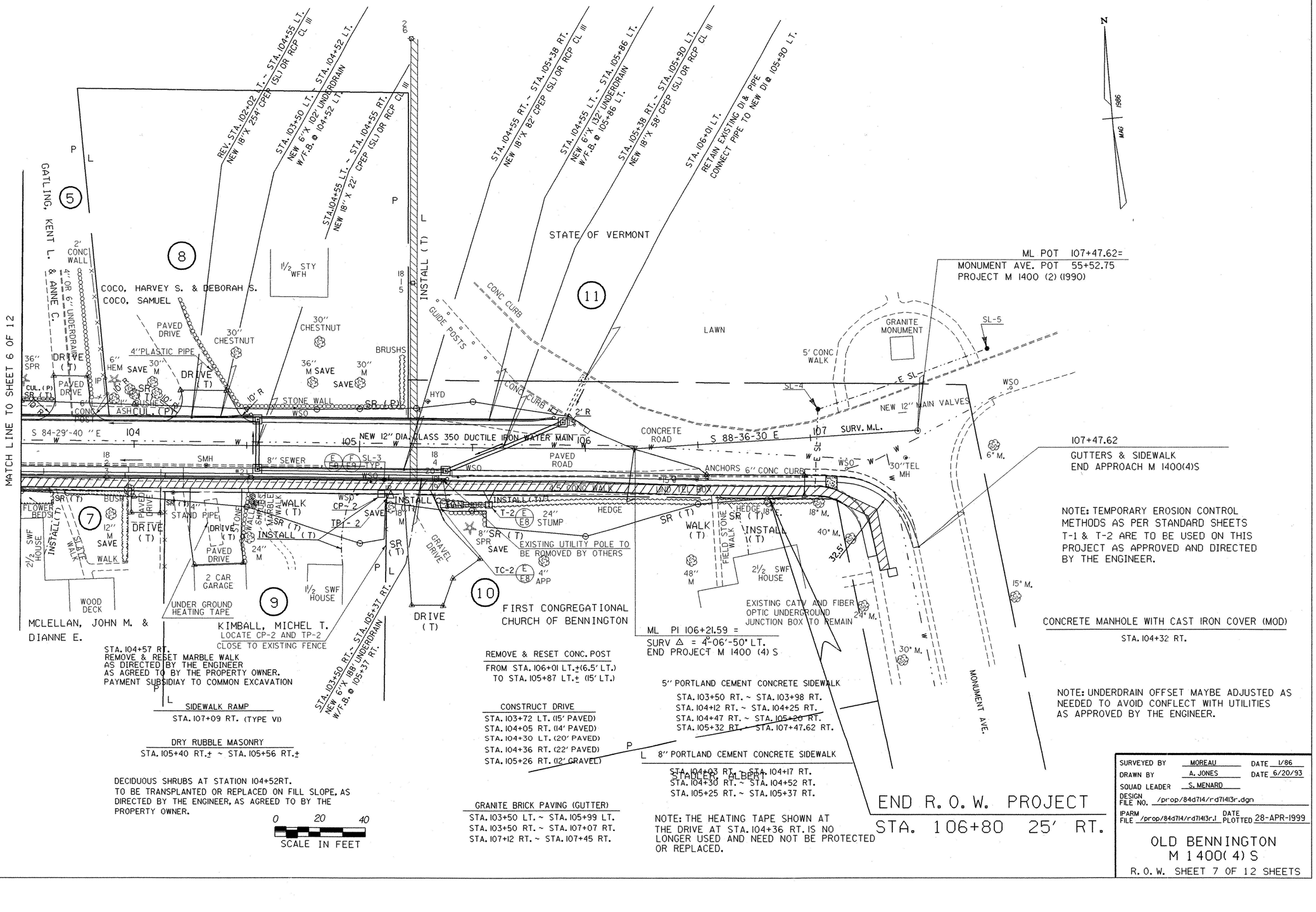
DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

0 20 40
SCALE IN FEET

FOR R.O.W. USE ONLY

SURVEYED BY MOREAU DATE 1/86
DRAWN BY A. JONES DATE 6/22/93
SQUAD LEADER S. MENARD
DESIGN FILE NO. /prop/84d714/rd714zzz.dgn
IPARM FILE /prop/84d714/rd7141zr.i DATE PLOTTED 28-APR-1999

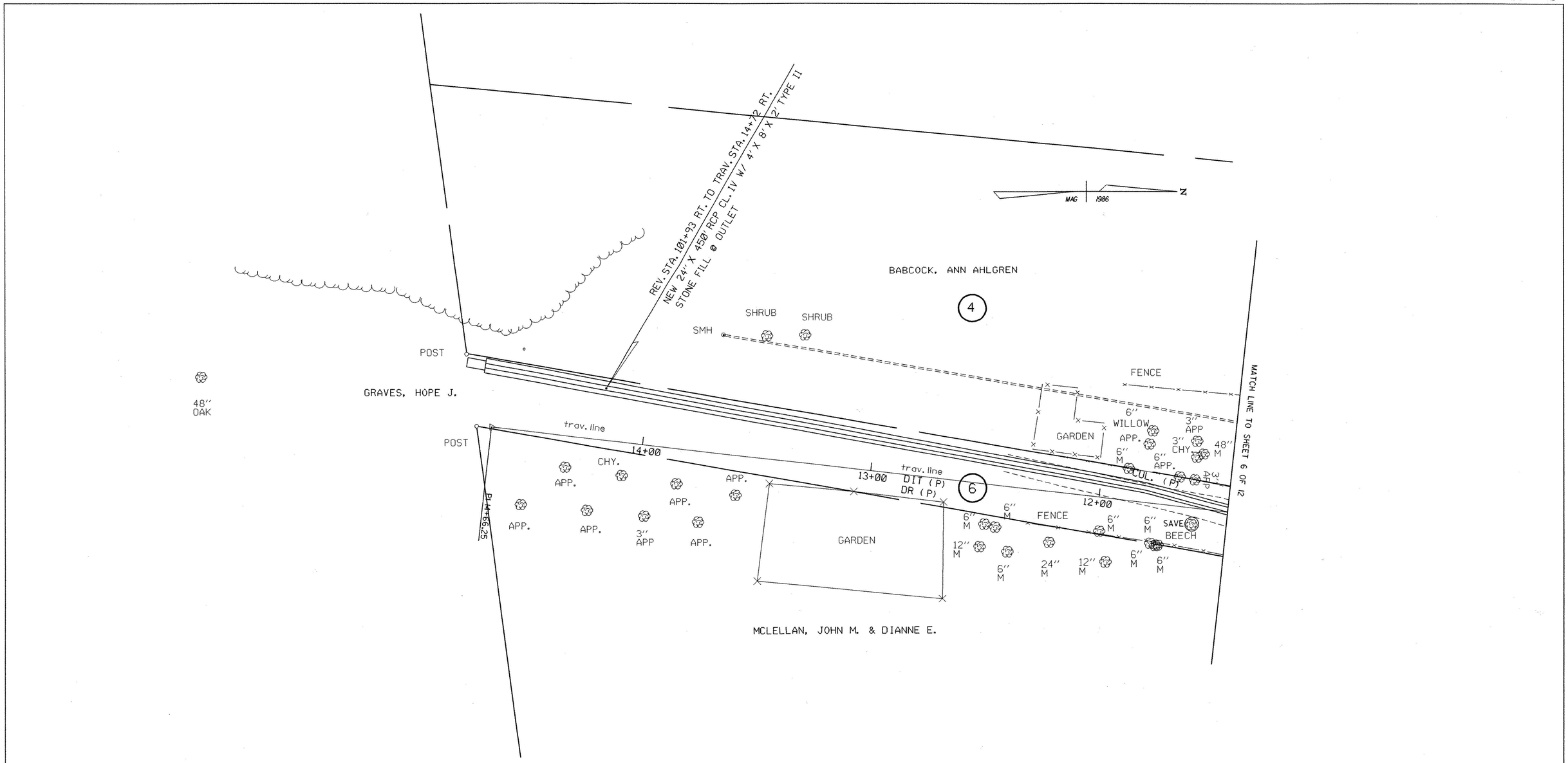
OLD BENNINGTON
M 1400(4) S
R. O. W. SHEET 6 OF 12 SHEETS
SHEET 12 OF 63 SHEETS



DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A

SURVEYED BY	MOREAU	DATE	1/86
DRAWN BY	A. JONES	DATE	6/20/93
SQUAD LEADER	S. MENARD		
DESIGN FILE NO.	/prop/84d714/rd714l3r.dgn		
IPARM FILE	/prop/84d714/rd714l3r.I	DATE PLOTTED	28-APR-1999

OLD BENNINGTON
M 1400(4) S
R. O. W. SHEET 7 OF 12 SHEETS



NOTE: TEMPORARY EROSION CONTROL METHODS AS PER STANDARD SHEETS T-1 & T-2 ARE TO BE USED ON THIS PROJECT AS APPROVED AND DIRECTED BY THE ENGINEER.

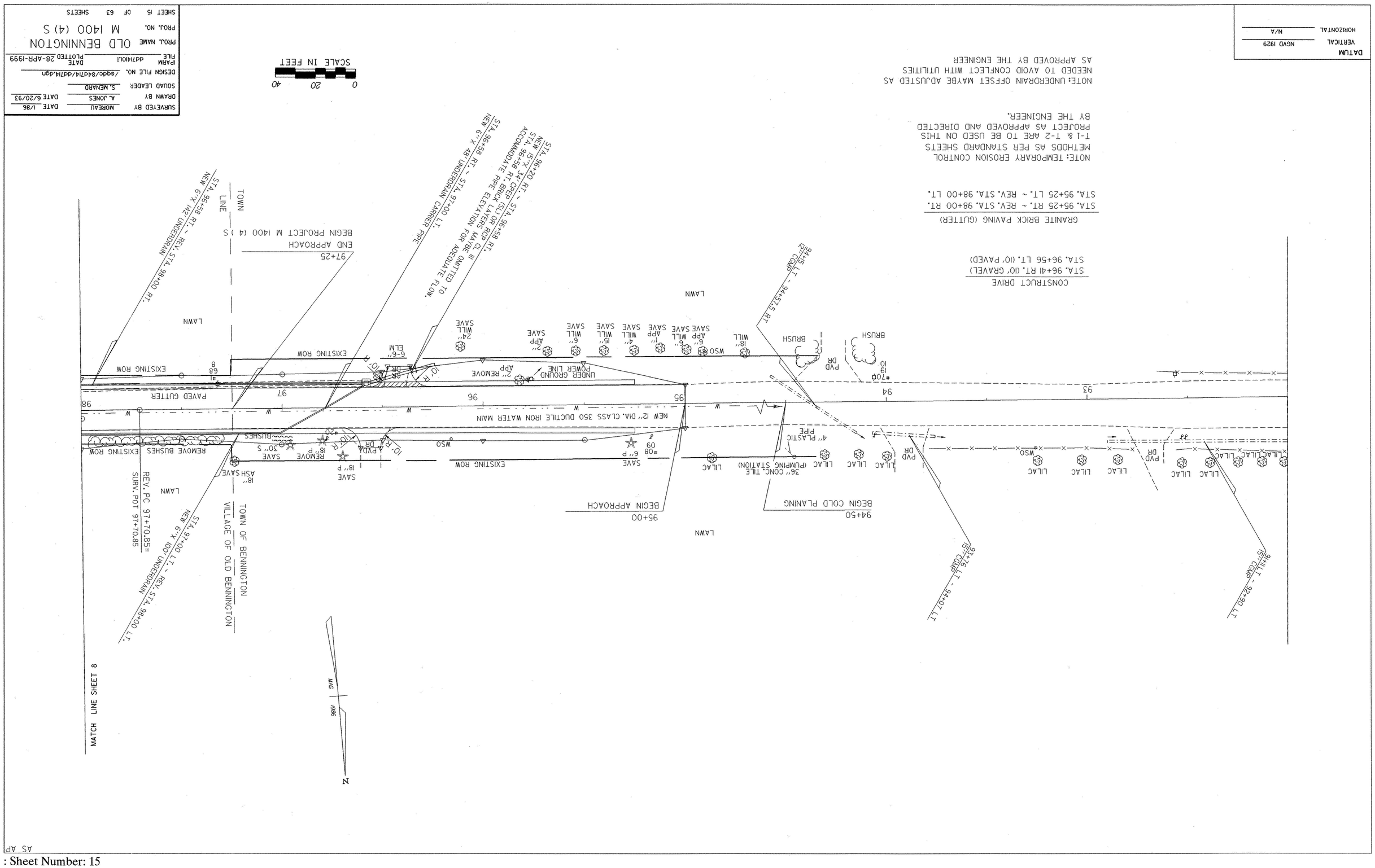
0 20 40
SCALE IN FEET

FOR R.O.W. USE ONLY

SURVEYED BY	R. MOREAU	DATE 8/11/93
DRAWN BY	A. JONES	DATE 8/93
SQUAD LEADER	S. MENARD	
DESIGN FILE NO.	/prop/84d714/rd714zzz.dgn	
IPARM FILE	rd7l4l4r.i	DATE PLOTTED 28-APR-1999

OLD BENNINGTON
M 1400(4)S
R. O. W. SHEET 8 OF 12 SHEETS
SHEET 14 OF 63 SHEETS

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A


DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A
SCALE IN FEET
0 20 40
SURVEYED BY MOREAU DATE 1/86
DRAWN BY A. JONES DATE 6/20/93
SQUAD LEADER S. MENARD
DESIGN FILE NO. /sgadc/84d714/dd714.dgn
IPARM dd714ioi.i FILE PLOTTED 28-APR-1999
PROJ. NAME OLD BENNINGTON
PROJ. NO. M 1400 (4) S
SHEET 15 OF 63 SHEETS
NOTE: UNDERDRAIN OFFSET MAYBE ADJUSTED AS NEEDED TO AVOID CONFLECT WITH UTILITIES AS APPROVED BY THE ENGINEER
NOTE: TEMPORARY EROSION CONTROL METHODS AS PER STANDARD SHEETS T-1 & T-2 ARE TO BE USED ON THIS PROJECT AS APPROVED AND DIRECTED BY THE ENGINEER.
GRANITE BRICK PAVING (GUTTER)
STA. 95+25 RT. ~ REV. STA. 98+00 RT.
STA. 95+25 LT. ~ REV. STA. 98+00 LT.
CONSTRUCT DRIVE
STA. 96+41 RT. (10' GRAVEL)
STA. 96+56 LT. (10' PAVED)
STA. 96+20 RT. ~ STA. 96+58 RT.
NEW 15"X 34" CMEP (CL) OR RCP CL. III ACCOMMODATE PIPE ELEVATION MAYBE ONITTED TO STA. 96+58 RT. ~ STA. 97+00 LT. NEW 6'-X 48' UNDERDRAIN CARRIER PIPE
NEW 6'-X 142' UNDERDRAIN STA. 96+58 RT. ~ REV. STA. 98+00 RT.
END APPROACH 97+25
BEGIN PROJECT M 1400 (4) S
TOWN LINE
EXISTING ROW
PAVED GUTTER
REMOVE BUSHES
NEW 12" DIA. CLASS 350 DUCTILE IRON WATER MAIN
UNDER GROUND POWER LINE
2" REMOVE APP
6-6" ELM
24" WILL SAVE
2" APP SAVE
18" WILL SAVE
6" APP WILL SAVE
15" WILL SAVE
6" WILL SAVE
4" APP SAVE
7" APP SAVE
WSO
18" WILL
BRUSH
PVD DR
#70 19 10
94+75 LT ~ 94+51.5 RT
12" CMP
LAWN
93
94
95
96
97
98
68 8
#1
10' R
10' R
10' R

GRANITE BRICK PAVING (GUTTERS)

REV. STA. 98+00 LT. ~ FAIR. ST. STA. 80+55 LT.
FAIR. ST. STA. 80+55 RT. ~ STA. 103+50 LT.
REV. STA. 98+00 RT. ~ STA. 103+50 RT.

NOTE: UNDERDRAIN OFFSET MAYBE ADJUSTED AS NEEDED TO AVOID CONFLECT WITH UTILITIES AS APPROVED BY THE ENGINEER.

THE ACTUAL LOCATION OF THE DROP INLET @ 100+08 RT. MAYBE ADJUSTED IN THE FIELD TO AVOID CONFLICT WITH THE SEWER MANHOLE AT THAT STATION AS DIRECTED BY THE ENGINEER.

CONCRETE MANHOLE WITH CAST IRON COVER (MOD)

STA. 100+08 RT.
STA. 101+44 RT.
STA. 102+64 RT.

5" PORTLAND CEMENT CONCRETE SIDEWALK

REV. STA. 99+98 RT. ~REV. STA. 100+24 RT.
REV. STA.100+38 RT. ~REV.STA. 101+08 RT.
REV. STA. 101+20 RT. ~REV. STA. 101+86 RT.
REV. STA. 101+96 RT. ~ STA. 103+50 RT.

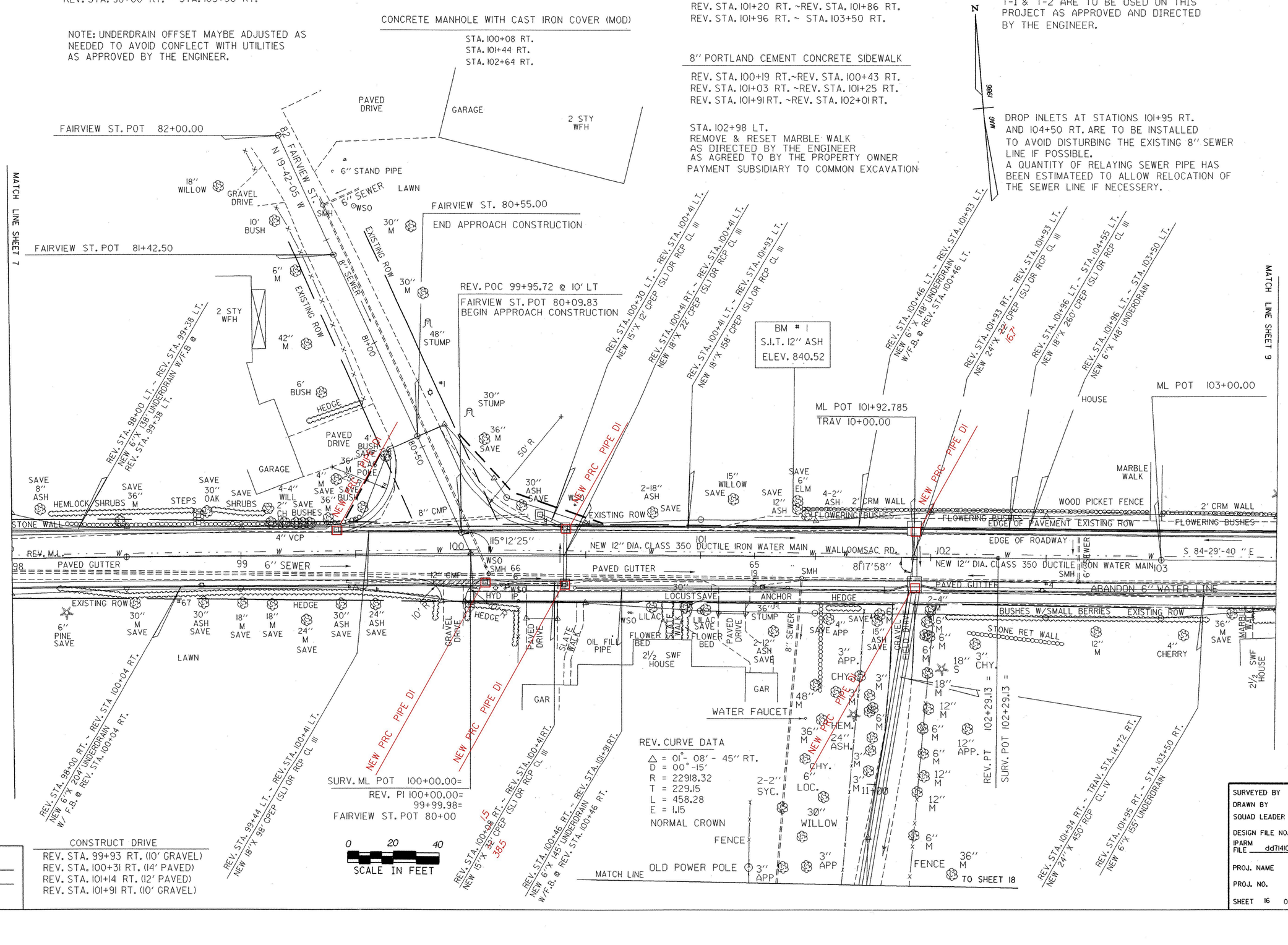
8" PORTLAND CEMENT CONCRETE SIDEWALK

REV. STA. 100+19 RT.~REV. STA. 100+43 RT.
REV. STA. 101+03 RT. ~REV. STA. 101+25 RT.
REV. STA. 101+91RT. ~REV. STA. 102+01RT.

STA. 102+98 LT.
REMOVE & RESET MARBLE WALK
AS DIRECTED BY THE ENGINEER
AS AGREED TO BY THE PROPERTY OWNER
PAYMENT SUBSIDIARY TO COMMON EXCAVATION

NOTE: TEMPORARY EROSION CONTROL METHODS AS PER STANDARD SHEETS T-1 & T-2 ARE TO BE USED ON THIS PROJECT AS APPROVED AND DIRECTED BY THE ENGINEER.

DROP INLETS AT STATIONS 101+95 RT. AND 104+50 RT. ARE TO BE INSTALLED TO AVOID DISTURBING THE EXISTING 8" SEWER LINE IF POSSIBLE.
A QUANTITY OF RELAYING SEWER PIPE HAS BEEN ESTIMATEED TO ALLOW RELOCATION OF THE SEWER LINE IF NECESSERY.



CONSTRUCT DRIVE

REV. STA. 99+93 RT. (10' GRAVEL)
REV. STA. 100+31 RT. (14' PAVED)
REV. STA. 101+14 RT. (12' PAVED)
REV. STA. 101+91 RT. (10' GRAVEL)

DATUM

VERTICAL NGVD 1929
HORIZONTAL N/A

SURVEYED BY	MOREAU	DATE	1/86
DRAWN BY	A. JONES	DATE	6/22/93
SQUAD LEADER	S. MENARD		
DESIGN FILE NO.	/sqdc/84d714/dd714.dgn		
IPARM FILE	dd714102.i	DATE PLOTTED	28-APR-1999
PROJ. NAME	OLD BENNINGTON		
PROJ. NO.	M 1400 (4) S		
SHEET	16 OF 63 SHEETS		

DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A

SCALE IN FEET

0 20 40

DECIDUOUS SHRUBS AT STATION 104+52RT. TO BE TRANSPLANTED OR REPLACED ON FILL SLOPE, AS DIRECTED BY THE ENGINEER, AS AGREED TO BY THE PROPERTY OWNER.

DRY RUBBLE MASONRY
STA. 105+40 RT.± ~ STA. 105+56 RT.±

SIDEWALK RAMP
STA. 107+09 RT. (TYPE VI)

STA. 104+57 RT.
REMOVE & RESET MARBLE WALK AS DIRECTED BY THE ENGINEER AS AGREED TO BY THE PROPERTY OWNER. PAVEMENT SUBSIDIAY TO COMMON EXCAVATION

STA. 103+50 RT. ~ STA. 103+57 RT.
NEW 6'-X 18" UNDERDRAIN W/F.B. @ 105+37 RT.

CONSTRUCT DRIVE
STA. 103+72 LT. (15' PAVED)
STA. 104+05 RT. (14' PAVED)
STA. 104+30 LT. (20' PAVED)
STA. 104+36 RT. (22' PAVED)
STA. 105+26 RT. (12' GRAVEL)

FROM STA. 106+01 LT.±(6.5' LT.)
TO STA. 105+87 LT.± (15' LT.)
REMOVE & RESET CONC. POST

SURV Δ = 4°06'-50" LT.
ML PI 106+21.59 =
END PROJECT M 1400 (4) S

5" PORTLAND CEMENT CONCRETE SIDEWALK
~~STA. 103+50 RT. ~ STA. 103+98 RT.~~
STA. 103,0 104+12 RT. ~ STA. ~~104+25~~ 106,0 RT.
~~STA. 104+47 RT. ~ STA. 105+20 RT.~~
STA. ~~105+32~~ 106,35 RT. ~ STA. ~~107+47.62~~ 35 RT.

8" PORTLAND CEMENT CONCRETE SIDEWALK
STA. 104+03 RT. ~ STA. 104+17 RT.
STA. 104+30 RT. ~ STA. 104+52 RT.
STA. 105+25 RT. ~ STA. 105+37 RT.

NOTE: THE HEATING TAPE SHOWN AT THE DRIVE AT STA. 104+36 RT. IS NO LONGER USED AND NEED NOT BE PROTECTED OR REPLACED.

GRANITE BRICK PAVING (GUTTER)
STA. 103+50 LT. ~ STA. 105+99 LT.
STA. 103+50 RT. ~ STA. 107+07 RT.
STA. 107+12 RT. ~ STA. 107+45 RT.

CONCRETE MANHOLE WITH CAST IRON COVER (MOD)
STA. 104+32 RT.

NOTE: UNDERDRAIN OFFSET MAYBE ADJUSTED AS NEEDED TO AVOID CONFLECT WITH UTILITIES AS APPROVED BY THE ENGINEER.

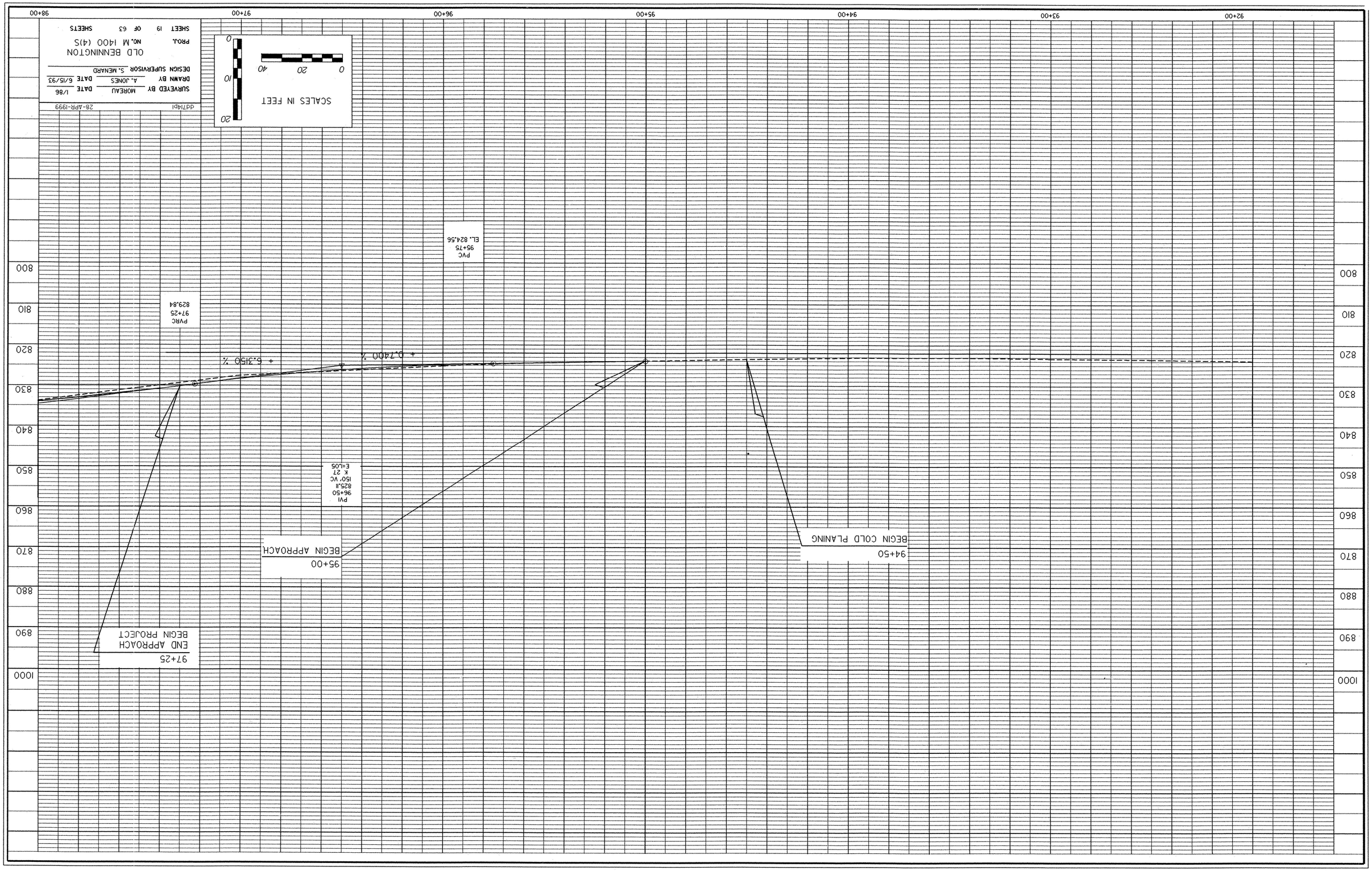
NOTE: TEMPORARY EROSION CONTROL METHODS AS PER STANDARD SHEETS T-1 & T-2 ARE TO BE USED ON THIS PROJECT AS APPROVED AND DIRECTED BY THE ENGINEER.

GUTTERS & SIDEWALK
END APPROACH M 1400(4)S
107+47.62

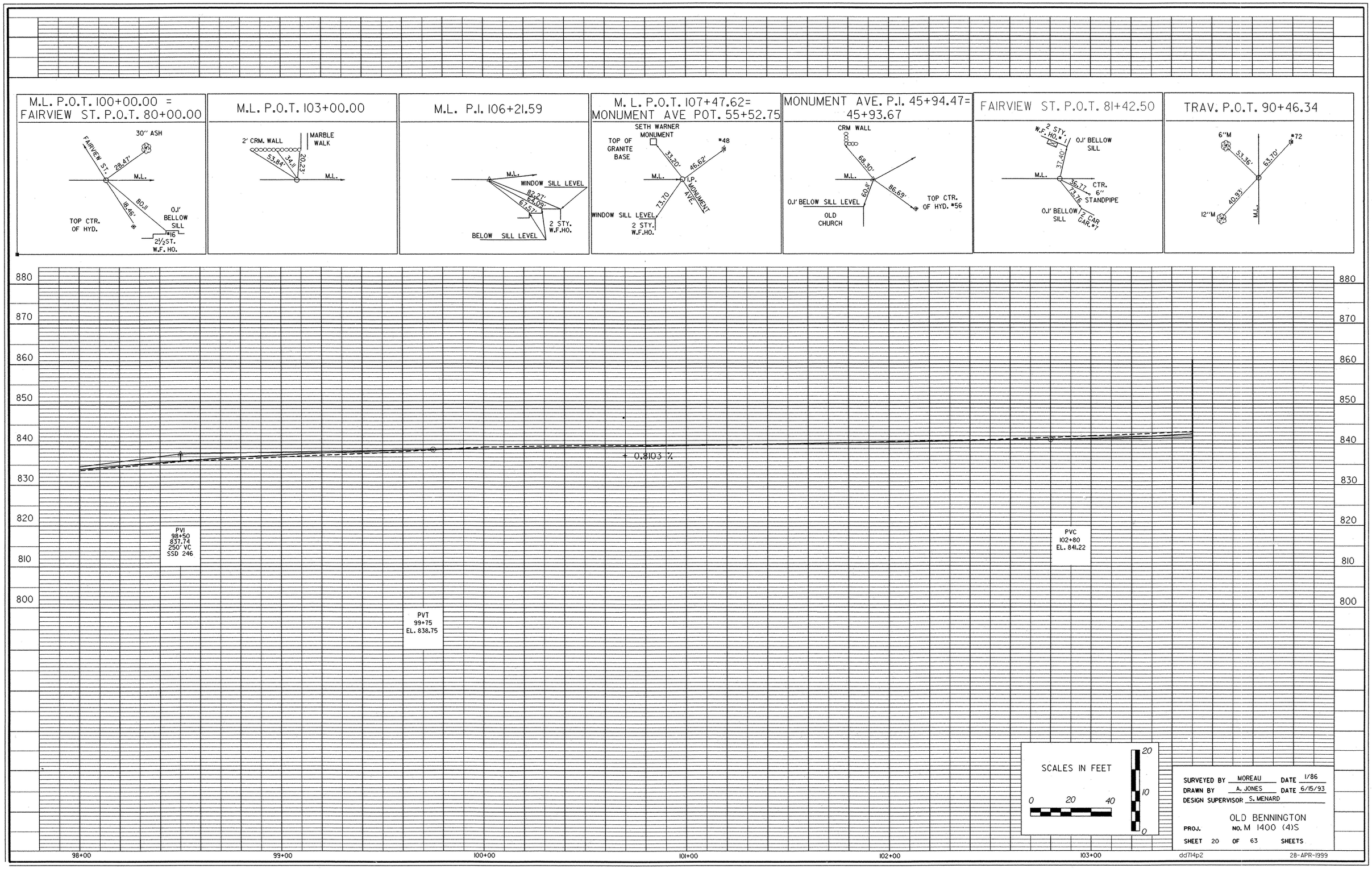
ML P0T 107+47.62=
MONUMENT AVE. P0T 55+52.75
PROJECT M 1400 (2) (1990)

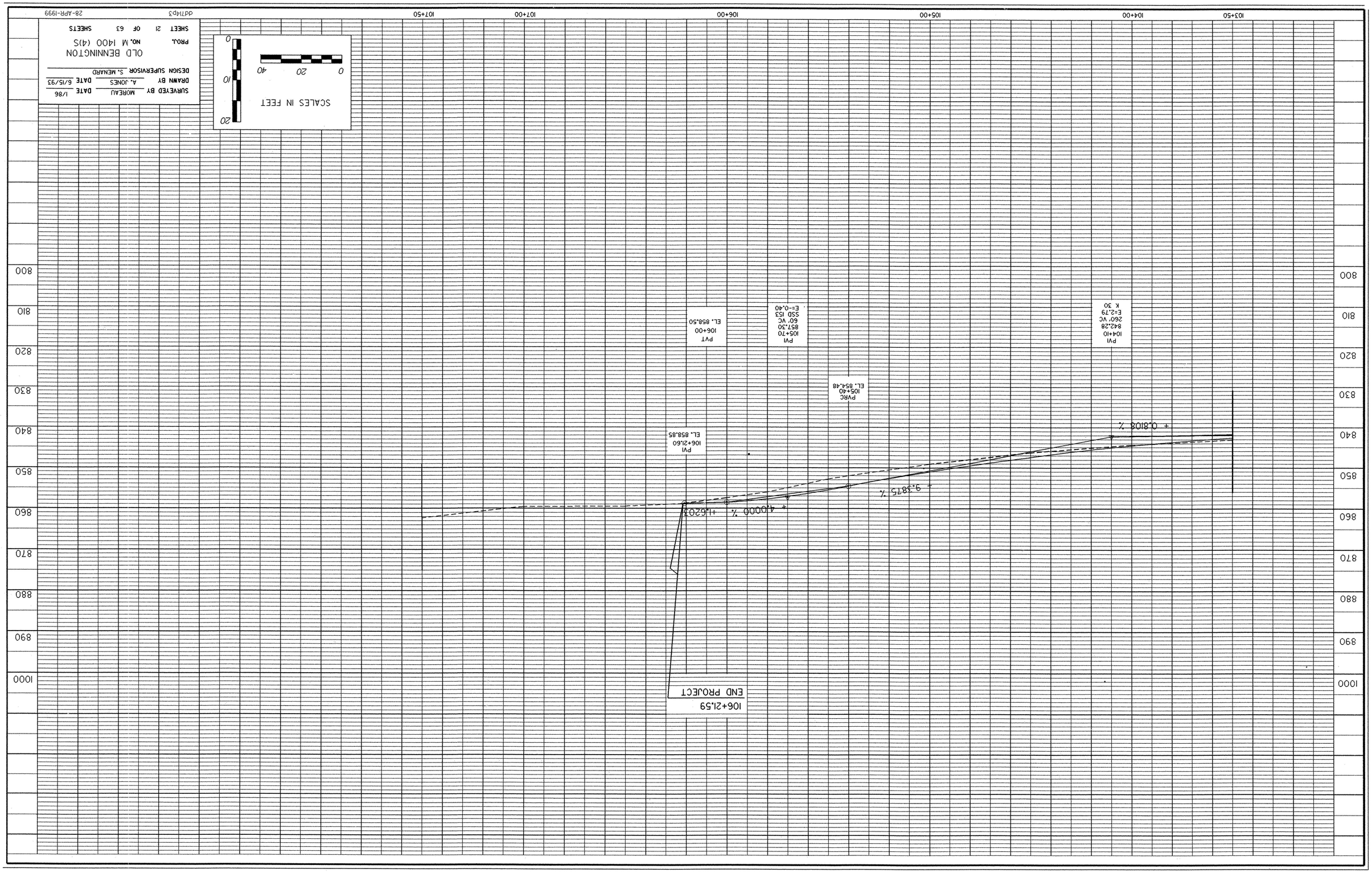
SURVEYED BY	MOREAU	DATE 1/86
DRAWN BY	A. JONES	DATE 6/20/93
SQUAD LEADER	S. MENARD	
DESIGN FILE NO.	/USR/SODC/84D714/DD714.dgn	
IPARM FILE	d4714103.I	PLOTTED 28-APR-1999
PROJ. NAME	OLD BENNINGTON	
PROJ. NO.	M 1400 (4) S	
SHEET 17 OF 63 SHEETS		

: Sheet Number: 17



: Sheet Number: 19


M.L. P.O.T. 100+00.00 = FAIRVIEW ST. P.O.T. 80+00.00
30" ASH
FAIRVIEW ST.
28.47'
M.L.
80.11
18.46'
TOP CTR. OF HYD.
0.1' BELLOW SILL
#16
2½ST. W.F. HO.
M.L. P.O.T. 103+00.00
2' CRM. WALL
MARBLE WALK
53.84'
34.11
20.23'
M.L.
M.L. P.I. 106+21.59
M.L.
WINDOW SILL LEVEL
82.27'
64.09'
67.57'
2 STY. W.F.HO.
BELOW SILL LEVEL
M. L. P.O.T. 107+47.62= MONUMENT AVE POT. 55+52.75
SETH WARNER MONUMENT
TOP OF GRANITE BASE
#48
33.20'
46.62'
M.L.
I.P. MONUMENT AVE.
73.70
WINDOW SILL LEVEL
2 STY. W.F.HO.
MONUMENT AVE. P.I. 45+94.47= 45+93.67
CRM WALL
68.30'
M.L.
60.11'
86.69'
0.1' BELOW SILL LEVEL
OLD CHURCH
TOP CTR. OF HYD. #56
FAIRVIEW ST. P.O.T. 81+42.50
2 STY. W.F. HO. #1
0.1' BELLOW SILL
37.40'
M.L.
36.77
CTR. 6" STANDPIPE
73.76
0.1' BELLOW SILL
2 CAR GAR. #7
TRAV. P.O.T. 90+46.34
6"M
#72
53.36'
63.70'
40.93'
12"M
M.L.
880
870
860
850
840
830
820
810
800
+ 0.8103 %
PVI 98+50 837.74 250' VC SSD 246
PVT 99+75 EL. 838.75
PVC 102+80 EL. 841.22
SCALES IN FEET
0 20 40
20 10 0
98+00
99+00
100+00
101+00
102+00
103+00
SURVEYED BY MOREAU DATE 1/86
DRAWN BY A. JONES DATE 6/15/93
DESIGN SUPERVISOR S. MENARD
OLD BENNINGTON
PROJ. NO. M 1400 (4)S
SHEET 20 OF 63 SHEETS
dd714p2
28-APR-1999



: Sheet Number: 21

: Sheet Number: 22

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890
880
870
860
850
840
830
820
810
800

M REV. 99+95.72 @ 10' LT. =
FAIRVIEW ST. 80+09.83 EL. 838.71

+ 2.6345

PVI
80+55
839.90

80+00
81+00
82+00

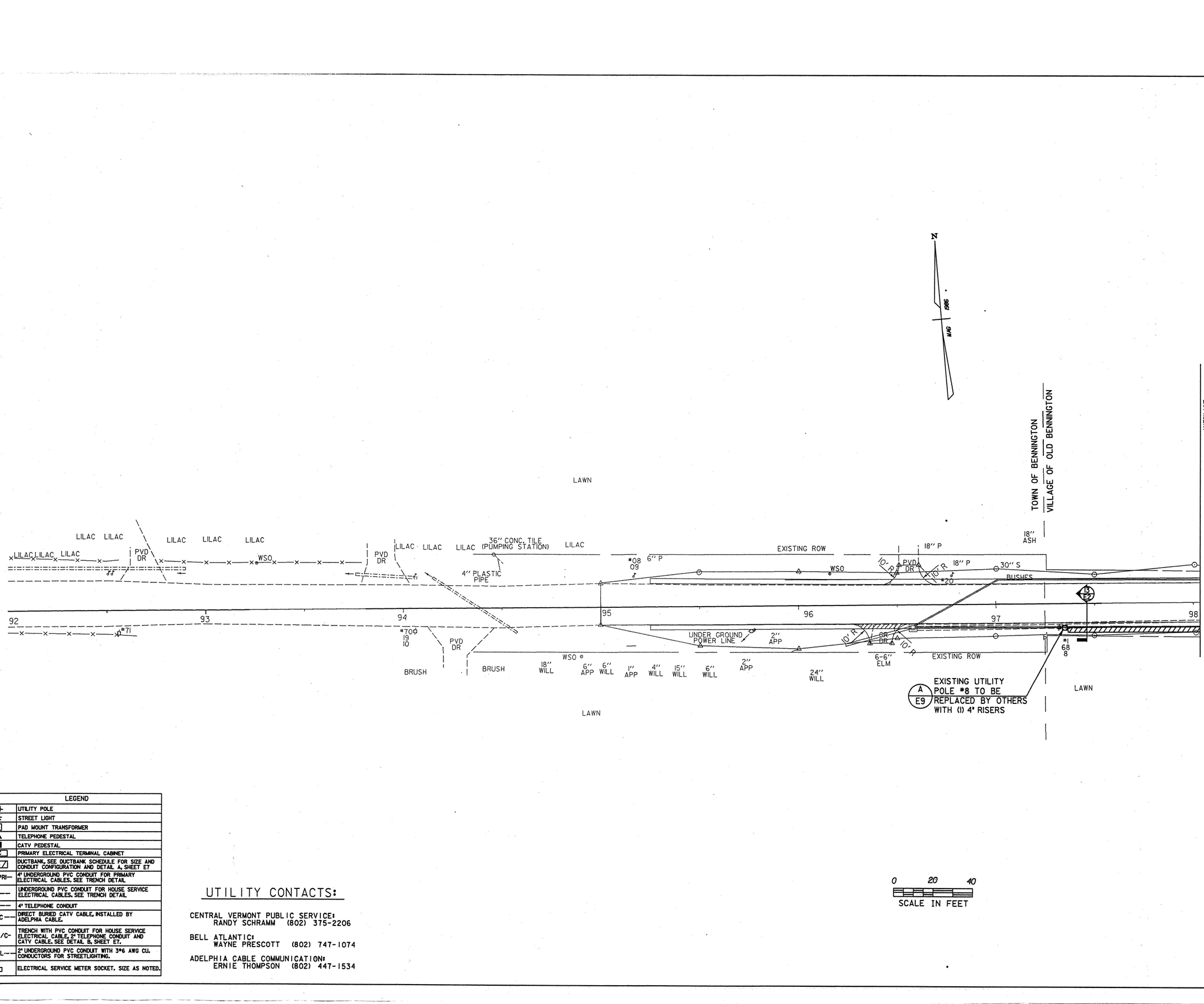
SCALES IN FEET
0 20 40
20 10 0

dd714p4 FAIRVIEW ST.

SURVEYED BY MOREAU DATE 1/86
DRAWN BY A. JONES DATE 6/15/93
DESIGN SUPERVISOR S. MENARD

OLD BENNINGTON
PROJ. NO. M 1400 (4)S
SHEET 22 OF 63 SHEETS

28-APR-1999



LEGEND	
	UTILITY POLE
	STREET LIGHT
T	PAD MOUNT TRANSFORMER
	TELEPHONE PEDESTAL
	CATV PEDESTAL
TC	PRIMARY ELECTRICAL TERMINAL CABINET
	DUCTBANK, SEE DUCTBANK SCHEDULE FOR SIZE AND CONDUIT CONFIGURATION AND DETAIL A, SHEET E7
-E-PRI-	4" UNDERGROUND PVC CONDUIT FOR PRIMARY ELECTRICAL CABLES. SEE TRENCH DETAIL
---E---	UNDERGROUND PVC CONDUIT FOR HOUSE SERVICE ELECTRICAL CABLES. SEE TRENCH DETAIL
---T---	4" TELEPHONE CONDUIT
--- CIC ---	DIRECT BURIED CATV CABLE, INSTALLED BY ADELPHIA CABLE.
-E/T/C-	TRENCH WITH PVC CONDUIT FOR HOUSE SERVICE ELECTRICAL CABLE, 2" TELEPHONE CONDUIT AND CATV CABLE. SEE DETAIL B, SHEET E7.
---ESL---	2" UNDERGROUND PVC CONDUIT WITH 3#6 AWG CU. CONDUCTORS FOR STREETLIGHTING.
	ELECTRICAL SERVICE METER SOCKET. SIZE AS NOTED.

UTILITY CONTACTS:

CENTRAL VERMONT PUBLIC SERVICE:
RANDY SCHRAMM (802) 375-2206

BELL ATLANTIC:
WAYNE PRESCOTT (802) 747-1074

ADELPHIA CABLE COMMUNICATION:
ERNIE THOMPSON (802) 447-1534

VERMONT			
1	ADD DUCK BANK	LAB	7/29/98
Rev.	Description	BY	DATE

Dufresne-Henry, Inc.
Consulting Engineers
North Springfield, Vermont
Tel (802) 886-2261 • Fax (802) 886-2260 • www.d-hinc.com

OLD BENNINGTON

UTILITY PLAN

WALLONSAC AVENUE
STA. 95+00 TP 98+00

BENNINGTON

STATE OF VERMONT REGISTERED PROFESSIONAL ENGINEER RICHARD F. KISCHKO 6970 10-15-98

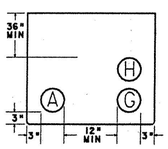
Project No.	20000010
Proj. Manager	R.F. KISCHKO
Proj. Designer	L.A. BLACK
Drawn By	M. MEILLEUR
Checked By	R.F. KISCHKO
Scale	AS SHOWN
Approved	
Date	MARCH 19:8

E1

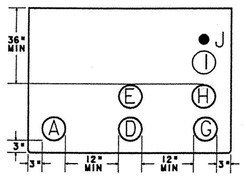
Sheet 23 of 63

D 6170051

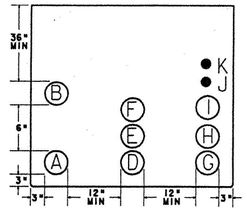
h:\bennington\wall_98\ Jul. 30, 1998 07:17:02



DUCT BANK SECTION 1 / E2
NOT TO SCALE



DUCT BANK SECTION 2 / E2
NOT TO SCALE



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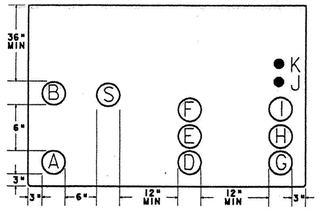
NOT TO SCALE



DUCT BANK SECTION 3 / E2
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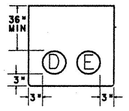

DUCT BANK SECTION 12 / E2
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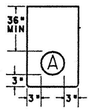


DUCT BANK SECTION 13 / E2
NOT TO SCALE

NOTES TO DUCT BANK SCHEDULE:

① SEE RISER DIAGRAMS, SHEET E6, FORCONDUIT/CABLE SYSTEMS.

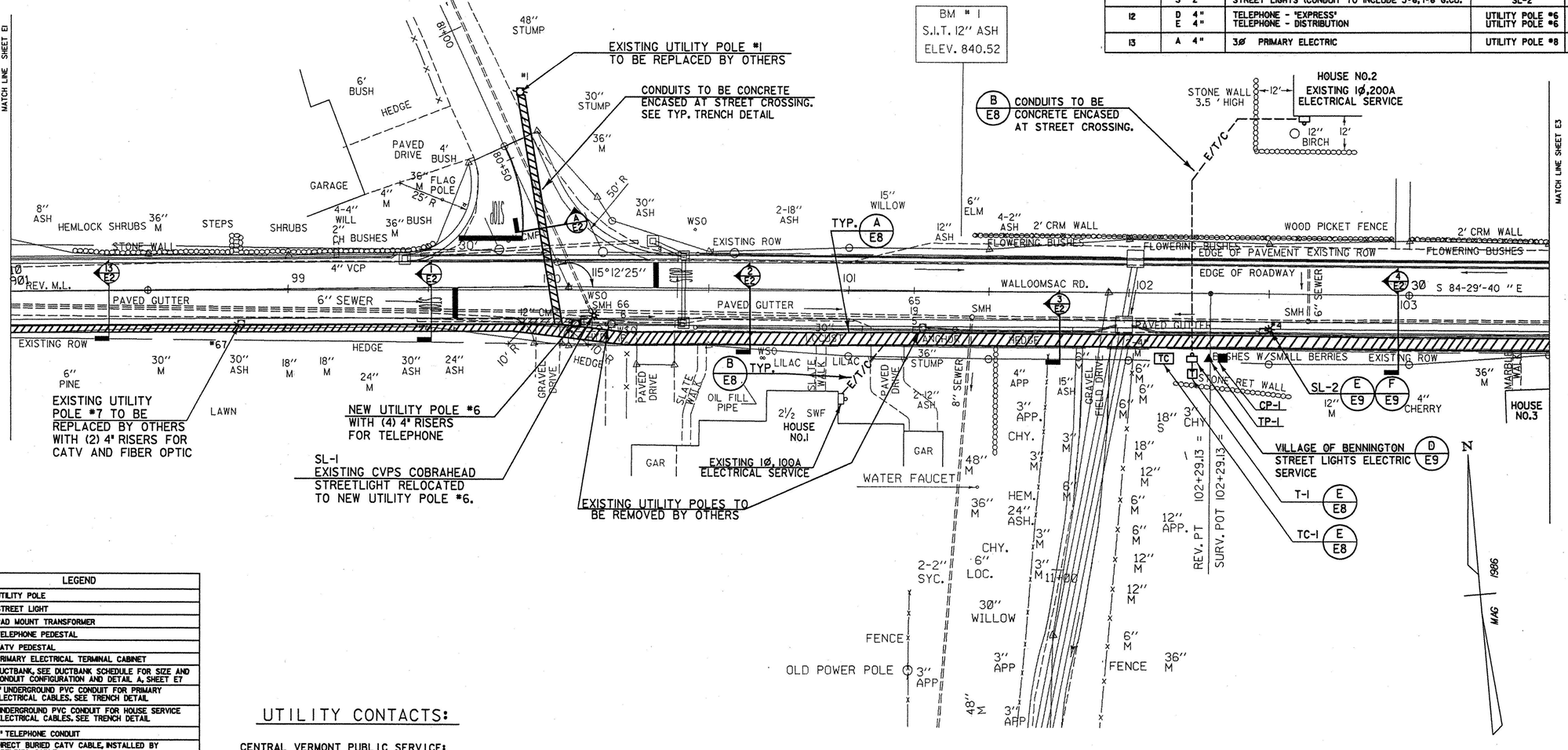
② ELECTRIC PRIMARY CABLES TO BE INSTALLED BY CENTRAL VERMONT PUBLIC SERVICE (CVPS).

③ TELEPHONE CABLES TO BE INSTALLED BY BELL ATLANTIC.

④ CATV AND FIBER OPTIC CABLES TO BE INSTALLED BYADELPHIA CABLE COMMUNICATION CO. CIC CABLE IS A DIRECT BURIAL CABLE.

DUCT BANK SCHEDULE

DUCT BANK SECTION NO.	CONDUIT	FUNCTION	FROM	TO
1	A 4"	3 ø PRIMARY ELECTRIC	UTILITY POLE #8	TERMINAL CABINET, TC-1
	G 4"	FIBER OPTIC CABLE CATV SPARE	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	H 4"	CATV - SPARE	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
2	A 4"	3ø PRIMARY ELECTRIC	UTILITY POLE #8	TERMINAL CABINET TC-1
	D 4"	TELEPHONE - 'EXPRESS'	UTILITY POLE #6	TP-3A (EXISTING)
	E 4"	TELEPHONE - DISTRIBUTION	UTILITY POLE #6	TP-1
	G 4"	FIBER OPTIC CABLE	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	H 4"	CATV - SPARE	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	I 4"	CATV	UTILITY POLE #6	UNDERGROUND JUNCTION BOX
	J CIC CABLE	CATV	UTILITY POLE #6	CP-1
3	A 4"	3ø PRIMARY ELECTRIC	UTILITY POLE #8	TERMINAL CABINET, TC-1
	B 3"	HOUSE SERVICE ELECTRIC	HOUSE NO.1	T-1
	D 4"	TELEPHONE - 'EXPRESS'	UTILITY POLE #6	TP-3A (EXISTING)
	E 4"	TELEPHONE - DISTRIBUTION	UTILITY POLE #6	TP-1
	F 2"	TELEPHONE - HOUSE SERVICE	HOUSE NO.1	TP-1
	G 4"	CATV - FIBER OPTIC CABLE	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	H 4"	CATV - SPARE	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	I 4"	CATV	UTILITY POLE #6	UNDERGROUND JUNCTION BOX
	J CIC CABLE	CATV - DISTRIBUTION	UTILITY POLE #6	CP-1
	K CIC CABLE	CATV - HOUSE SERVICE	HOUSE NO.1	CP-1
4	A 4"	3ø PRIMARY ELECTRIC	TERMINAL CABINET, TC-1	TERMINAL CABINET, TC-2
	B 3"	HOUSE SERVICE ELECTRIC	T-1	HOUSE NO.2
	D 4"	TELEPHONE - 'EXPRESS'	UTILITY POLE #2	TP-3A (EXISTING)
	E 4"	TELEPHONE - DISTRIBUTION		TP-2
	F 2"	TELEPHONE - HOUSE SERVICE	TP-1	HOUSE NO.2
	G 4"	CATV - FIBER OPTIC CABLE	UTILITY POLE	UNDERGROUND JUNCTION BOX
	H 4"	CATV - SPARE	UTILITY POLE	UNDERGROUND JUNCTION BOX
	I 4"	CATV	UTILITY POLE #6	UNDERGROUND JUNCTION BOX
	J CIC CABLE	CATV - DISTRIBUTION	CP-1	CP-2
	K CIC CABLE	CATV - HOUSE SERVICE	CP-1	HOUSE NO.2
	S 2"	STREET LIGHTS (CONDUIT TO INCLUDE 3#6, 1#6 G.CU.	SL-2	SL-3
12	D 4"	TELEPHONE - 'EXPRESS'	UTILITY POLE #6	UTILITY POLE #1
	E 4"	TELEPHONE - DISTRIBUTION	UTILITY POLE #6	UTILITY POLE #1
13	A 4"	3ø PRIMARY ELECTRIC	UTILITY POLE #8	TERMINAL CABINET, TC-1



LEGEND	
	UTILITY POLE
	STREET LIGHT
T	PAD MOUNT TRANSFORMER
	TELEPHONE PEDESTAL
	CATV PEDESTAL
TC	PRIMARY ELECTRICAL TERMINAL CABINET
	DUCTBANK, SEE DUCTBANK SCHEDULE FOR SIZE AND CONDUIT CONFIGURATION AND DETAIL A, SHEET E7
-E-PRI-	4" UNDERGROUND PVC CONDUIT FOR PRIMARY ELECTRICAL CABLES. SEE TRENCH DETAIL
-E-	UNDERGROUND PVC CONDUIT FOR HOUSE SERVICE ELECTRICAL CABLES. SEE TRENCH DETAIL
-T-	4" TELEPHONE CONDUIT
CIC	DIRECT BURIED CATV CABLE, INSTALLED BY ADELPHIA CABLE.
-E/T/C-	TRENCH WITH PVC CONDUIT FOR HOUSE SERVICE ELECTRICAL CABLE, 2" TELEPHONE CONDUIT AND CATV CABLE. SEE DETAIL B, SHEET E7.
-ESL-	2" UNDERGROUND PVC CONDUIT WITH 3#6 AWG CU. CONDUCTORS FOR STREETLIGHTING.
	ELECTRICAL SERVICE METER SOCKET. SIZE AS NOTED.

UTILITY CONTACTS:

CENTRAL VERMONT PUBLIC SERVICE:
RANDY SCHRAMM (802) 375-2206

BELL ATLANTIC:
WAYNE PRESCOTT (802) 747-1074

ADELPHIA CABLE COMMUNICATION:
ERNIE THOMPSON (802) 447-1534

Dufresne-Henry, Inc.
Consulting Engineers
North Springfield, Vermont
Tel. (802) 886-2238 • Fax (802) 886-2280 • www.dufresne.com

Rev.	DATE	BY	Description
1	7/29/98	LAB	ADD DUCK BANK

VERMONT
OLD BENNINGTON — BENNINGTON

UTILITY PLAN

WALLOMSAC AVENUE
STA. 98+00 TO 103+50

STATE OF VERMONT — ROBERT A. KISCHKO — 10477 — REGISTERED PROFESSIONAL ENGINEER

Project No.	20000010
Proj. Manager	R.F. KISCHKO
Proj. Designer	L.A. BLACK
Drawn By	M.MEILLEUR
Checked By	R.F. KISCHKO
Scale	AS SHOWN
Approved	
Date	MARCH 1998

E2

Sheet 24 of 63

D 6170051

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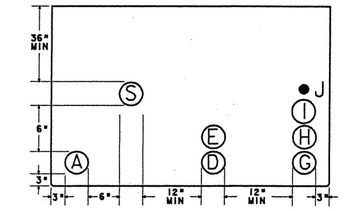
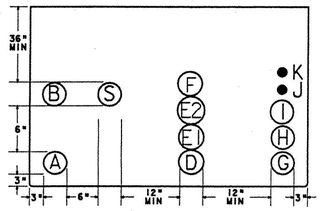


DUCT BANK SECTION 5 / E3
NOT TO SCALE



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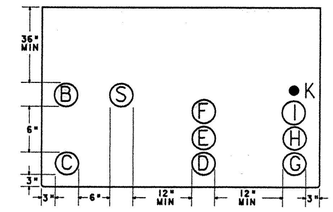

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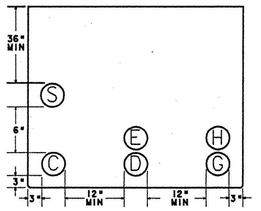

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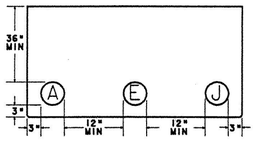


DUCT BANK SECTION 9 / E3
NOT TO SCALE

NOTES:

① SEE RISER DIAGRAMS, SHEET E7, FOR CONDUIT/CABLE SYSTEMS.

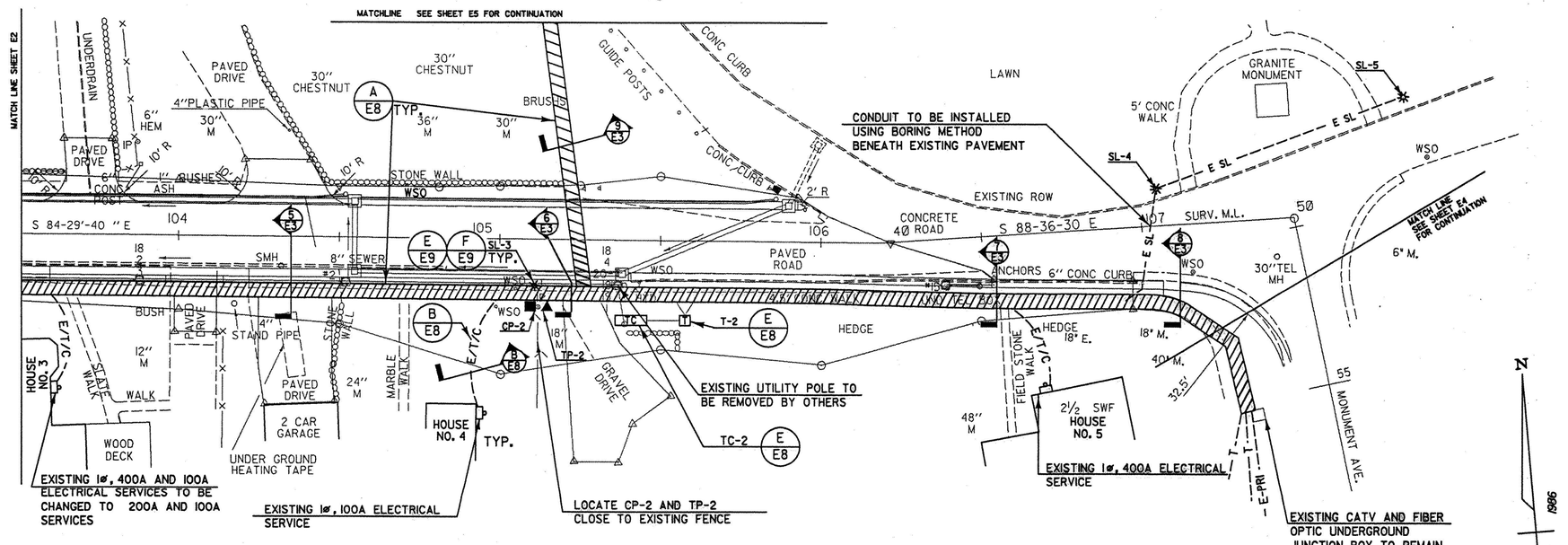
② ELECTRIC PRIMARY CABLES TO BE INSTALLED BY CENTRAL VERMONT PUBLIC SERVICE (CVPS).

③ TELEPHONE CABLES TO BE INSTALLED BY BELL ATLANTIC.

④ CATV AND FIBER OPTIC CABLES TO BE INSTALLED BY ADELPHIA CABLE COMMUNICATION CO. CIC CABLE IS A DIRECT BURIAL CABLE.

DUCT BANK SCHEDULE

DUCT BANK SECTION NO.	CONDUIT	FUNCTION	FROM	TO
5	A 4"	3ø PRIMARY ELECTRIC	TERMINAL CABINET, TC-1	TERMINAL CABINET, TC-2
	D 4"	TELEPHONE "EXPRESS"	UTILITY POLE #6	TP-3A (EXISTING)
	E 4"	TELEPHONE - DISTRIBUTION	TP-1	TP-2
	G 4"	FIBER OPTIC	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	H 4"	CATV	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	I 4"	CATV	UTILITY POLE #6	UNDERGROUND JUNCTION BOX
	J CIC CABLE	CATV - DISTRIBUTION	CP-1	CP-2
	S 2"	STREET LIGHTS (CONDUIT TO CONTAIN 3#6,1#6 G. CU.)	SL-2	SL-3
6	A 4"	3ø PRIMARY ELECTRIC	TERMINAL CABINET, TC-1	TERMINAL CABINET, TC-2
	B 3"	HOUSE SERVICE ELECTRIC	T-2	HOUSE NO. 4
	D 4"	TELEPHONE - "EXPRESS"	UTILITY POLE #6	TP-3A (EXISTING)
	E1 4"	TELEPHONE - DISTRIBUTION	TP-2	TP-3A (EXISTING)
	E2 4"	TELEPHONE - DISTRIBUTION	TP-2	TP-4
	F 2"	TELEPHONE - HOUSE SERVICE	TP-2	HOUSE NO. 5
	G 4"	FIBER OPTIC	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	H 4"	CATV - SPARE	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	I 4"	CATV	UTILITY POLE #6	UNDERGROUND JUNCTION BOX
	J CIC CABLE	CATV - DISTRIBUTION	CP-2	CP-4
	K CIC CABLE	CATV - HOUSE SERVICE	CP-2	HOUSE NO.5
	S 2"	STREET LIGHTS (CONDUIT TO CONTAIN 3#6,1#6 G. CU.)	SL-3	SL-4
7	C 3"	1ø PRIMARY ELECTRIC	TERMINAL CABINET, TC-2	T-3
	B 4"	HOUSE SERVICE ELECTRIC	TP-2	HOUSE NO. 5
	D 4"	TELEPHONE - "EXPRESS"	UTILITY POLE #6	TP-3A (EXISTING)
	E 4"	TELEPHONE - DISTRIBUTION	TP-2	TP-3A (EXISTING)
	F 2"	TELEPHONE - HOUSE SERVICE		
	G 4"	FIBER OPTIC	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	H 4"	CATV - SPARE	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	I 4"	CATV	UTILITY POLE #6	UNDERGROUND JUNCTION BOX
	K CIC CABLE	CATV - HOUSE SERVICE	CP-1	HOUSE NO. 5
	S 2"	STREET LIGHTS (CONDUIT TO CONTAIN 3#6,1#6 G. CU.)	SL-3	SL-4
8	C 3"	1ø PRIMARY ELECTRIC	TERMINAL CABINET, TC-2	T-3
	D 4"	TELEPHONE "EXPRESS"	UTILITY POLE #6	TP-3A (EXISTING)
	E 4"	TELEPHONE - DISTRIBUTION	TP-2	TP-3A (EXISTING)
	G 4"	FIBER OPTIC	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	H 4"	CATV - SPARE	UTILITY POLE #7	UNDERGROUND JUNCTION BOX
	I 4"	CATV	UTILITY POLE #6	UNDERGROUND JUNCTION BOX
9	A 4"	3ø PRIMARY ELECTRIC	TERMINAL CABINET, TC-2	TP-5
	E 4"	TELEPHONE - DISTRIBUTION	TP-2	TP-4
	J CIC CABLE	CATV - SLEEVE FOR CIC CABLE (DISTRIBUTION) EXTEND CONDUIT FROM SOUTH EDGE OF CONCRETE WALK TO 6' MINIMUM BEYOND NORTH EDGE NORTH ROADWAY GUTTER.	CP-2	CP-4



LEGEND	
	UTILITY POLE
	STREET LIGHT
T	PAD MOUNT TRANSFORMER
	TELEPHONE PEDESTAL
	CATV PEDESTAL
TC	PRIMARY ELECTRICAL TERMINAL CABINET
	DUCTBANK, SEE DUCTBANK SCHEDULE FOR SIZE AND CONDUIT CONFIGURATION
-E-PRI-	4" UNDERGROUND PVC CONDUIT FOR PRIMARY ELECTRICAL CABLES. SEE TRENCH DETAIL
--E--	UNDERGROUND PVC CONDUIT FOR HOUSE SERVICE ELECTRICAL CABLES. SEE TRENCH DETAIL
--T--	4" TELEPHONE CONDUIT
--CIC--	DIRECT BURIED CATV CABLE, INSTALLED BY ADELPHIA CABLE.
-E/T/C-	TRENCH WITH PVC CONDUIT FOR HOUSE SERVICE ELECTRICAL CABLE TYP., 2" TELEPHONE CONDUIT AND CATV CABLE. SEE TRENCH DETAIL.
--ESL--	2" UNDERGROUND PVC CONDUIT WITH 3#6 AWG CU. CONDUCTORS FOR STREETLIGHTING.
	ELECTRICAL SERVICE METER SOCKET. SIZE AS NOTED.

Dufresne-Henry, Inc.
Consulting Engineers
North Springfield, Vermont
Tel. (802) 886-2201 • Fax (802) 886-2260 • www.d-hinc.com

No.	GENERAL REVISIONS Description	LAB BY	DATE
1			JULY/98

VERMONT Rev.

OLD BENNINGTON

UTILITY PLAN

WALLOMSAC AVENUE
STA. 103+50 TO 107+47

BENNINGTON

STATE OF VERMONT ROBERT F. KISCHIKO No. 10818 REGISTERED PROFESSIONAL ENGINEER

Project No.	20808018
Proj. Manager	R.F. KISCHIKO
Proj. Designer	L.A. BLACK
Drawn By	M. MELLEUR
Checked By	R.F. KISCHIKO
Scale	AS SHOWN
Approved	
Date	MARCH 1998

E3

Sheet 25 of 63

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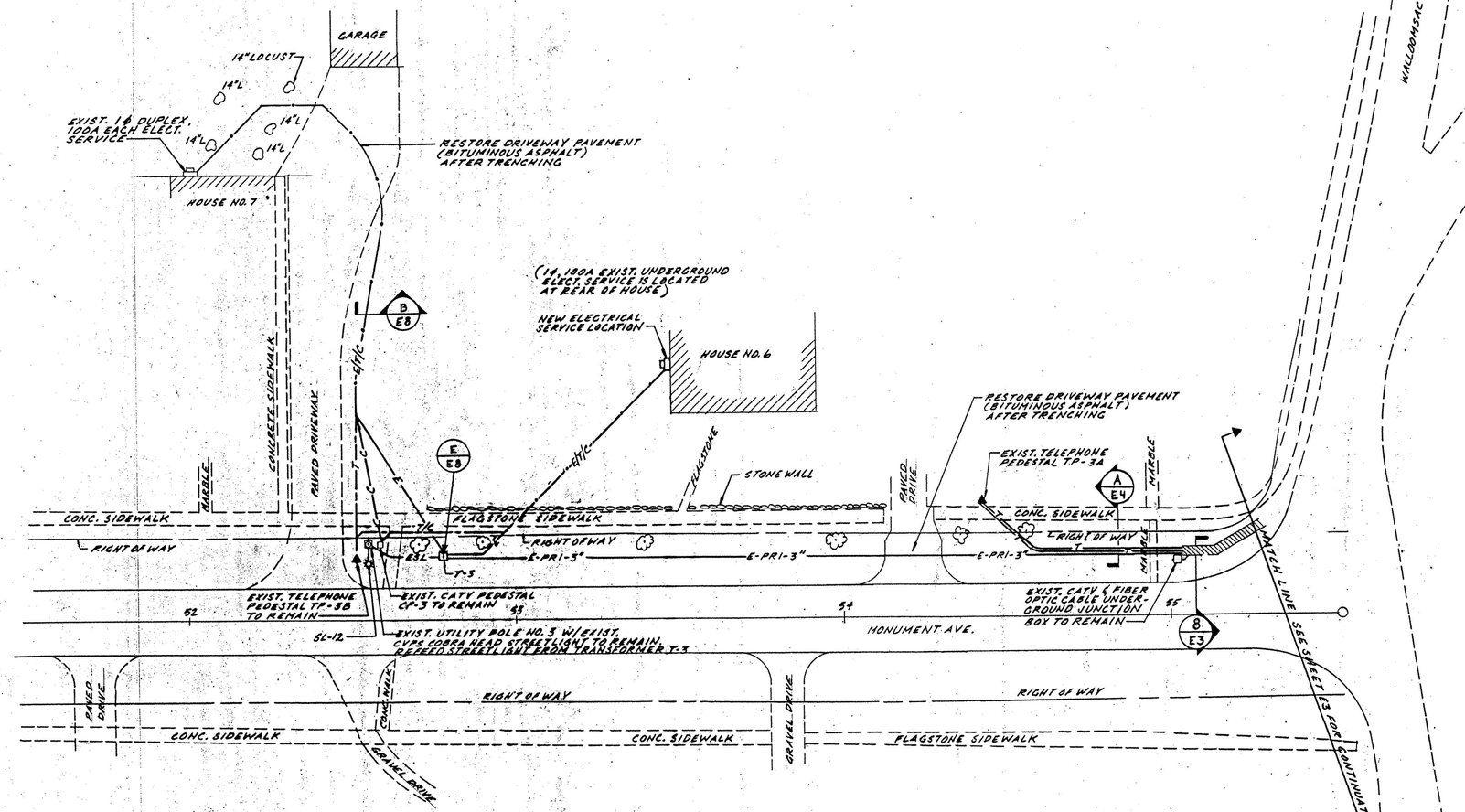
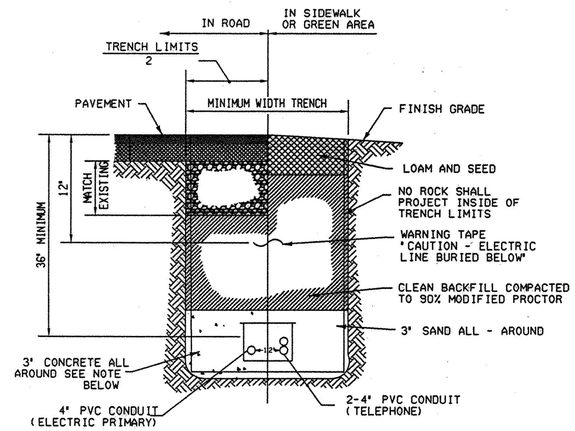


SITE PLAN
1"=20'



TYPICAL TRENCH SECTION — A E4
NOT TO SCALE

NOTES:

1. PROVIDE 3" CONCRETE ENCASEMENT AROUND CONDUITS AT ALL ROAD AND DRIVEWAY CROSSINGS TO 5' BEYOND EDGE OF PAVEMENT. TYPICAL.
2. CONDUIT SPACERS EQUAL TO UNDERGROUND DEVICES INC. WUNPEECE DUCT SPACERS TO BE INSTALLED EVERY 5 FEET. REBAR SUPPORT TO BE DRIVEN AND ATTACHED EVERY 15 FEET MINIMUM.

Dufresne-Henry, Inc.
Consulting Engineers
North Springfield, Vermont
Tel. (802) 886-2261 • Fax (802) 886-2260 • www.d-hinc.com

Rev.	Description	BY	DATE
2	TITLE, CONTENT	LAB	JULY/98
1	REVISION	LAB	JUNE/98

VERMONT

OLD BENNINGTON

UTILITY PLAN

MONUMENT AVENUE
STA. 51+60 TO 55+20

BENNINGTON

STATE OF VERMONT — ROBERT F. KISCHKO — 8-10-98 — REGISTERED PROFESSIONAL ENGINEER

Project No.	20800010
Proj. Manager	R.F. KISCHKO
Proj. Designer	L.A. BLACK
Drawn By	R. PREBLE
Checked By	R.F. KISCHKO
Scale	AS SHOWN
Approved	
Date	MARCH 1998

E4

Sheet 26 of 63

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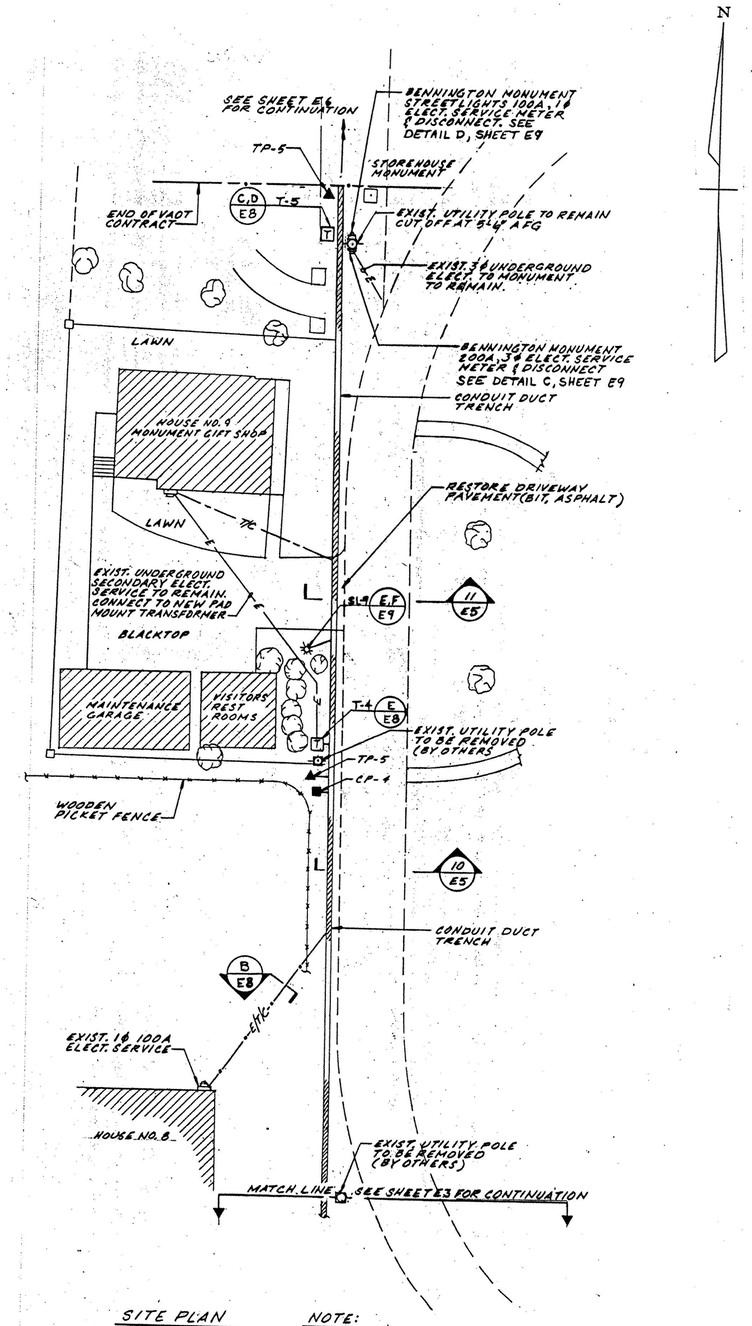


SITE PLAN
1"=20'

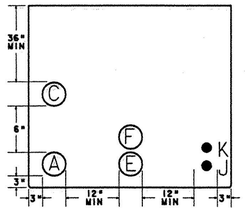
NOTE:
BENNINGTON MONUMENT AND BENNINGTON MONUMENT STREETLIGHTS ELECTRIC SERVICE METER TO BE BILLED TO VERMONT STATE DIVISION FOR HISTORIC PRESERVATION.

DUCT BANK SCHEDULE

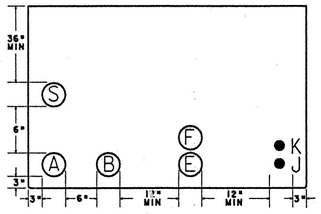
DUCT BANK SECTION NO.	CONDUIT	FUNCTION	FROM	TO
10	A 4"	3Ø PRIMARY ELECTRIC	TERMINAL CABINET, TC-2	T-5
	C 3"	HOUSE SERVICE ELECTRIC	HOUSE NO.8	T-4
	E 4"	TELEPHONE - DISTRIBUTION	TP-2	TP-4
	F 2"	TELEPHONE - HOUSE SERVICE	HOUSE NO.8	TP-4
	J CIC CABLE	CATV - DISTRIBUTION	CP-2	CP-4
	K CIC CABLE	CATV - HOUSE SERVICE	HOUSE NO. 8	CP-4
11	A 4"	3Ø PRIMARY ELECTRIC	TERMINAL CABINET, TC-2	T-5
	B 3"	1Ø PRIMARY ELECTRIC	T-4	T-5
	E 4"	TELEPHONE - DISTRIBUTION	TP-4	TP-5
	F 2"	TELEPHONE - HOUSE SERVICE	TP-4	HOUSE NO. 9
	J CIC CABLE	CATV - DISTRIBUTION	CP-4	END OF VAOT CONTRACT LINE (SEE E5 FOR CONTINUATION OUTSIDE OF VAOT CONTRACT)
	K CIC CABLE	CATV - HOUSE SERVICE	CP-4	HOUSE NO.9
	S 2"	STREET LIGHTS - CONDUIT TO CONTAIN 3#6, 1#6 G. CU.	SL-6	BENNINGTON MONUMENT STREET LIGHTS ELECTRIC SERVICE

NOTES :

1. SEE RISER DIAGRAMS, SHEET E7, FOR CONDUIT/CABLE SYSTEMS.
2. ELECTRIC PRIMARY CABLES TO BE INSTALLED BY CENTRAL VERMONT PUBLIC SERVICE (CVPS).
3. TELEPHONE CABLES TO BE INSTALLED BY BELL ATLANTIC.
4. CATV AND FIBER OPTIC CABLES TO BE INSTALLED BY ADELPHIA CABLE COMMUNICATION CO. CIC CABLE IS A DIRECT BURIAL CABLE.



DUCT BANK SECTION 10 / E5
NOT TO SCALE



DUCT BANK SECTION 11 / E5
NOT TO SCALE

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Rev.	Description	BY	DATE
1	GENERAL REVISIONS	LAB	JULY/98

OLD BENNINGTON

MONUMENT CIRCLE DRIVE SECTION

BENNINGTON VERMONT

STATE OF VERMONT PROFESSIONAL ENGINEER

Project No.	20800010
Proj. Manager	R.F. KISCHIKO
Proj. Designer	L.A. BLACK
Drawn By	R. PREBLE
Checked By	R.F. KISCHIKO
Scale	AS SHOWN
Approved	
Date	MARCH 1998

E5

Sheet 27 of 63

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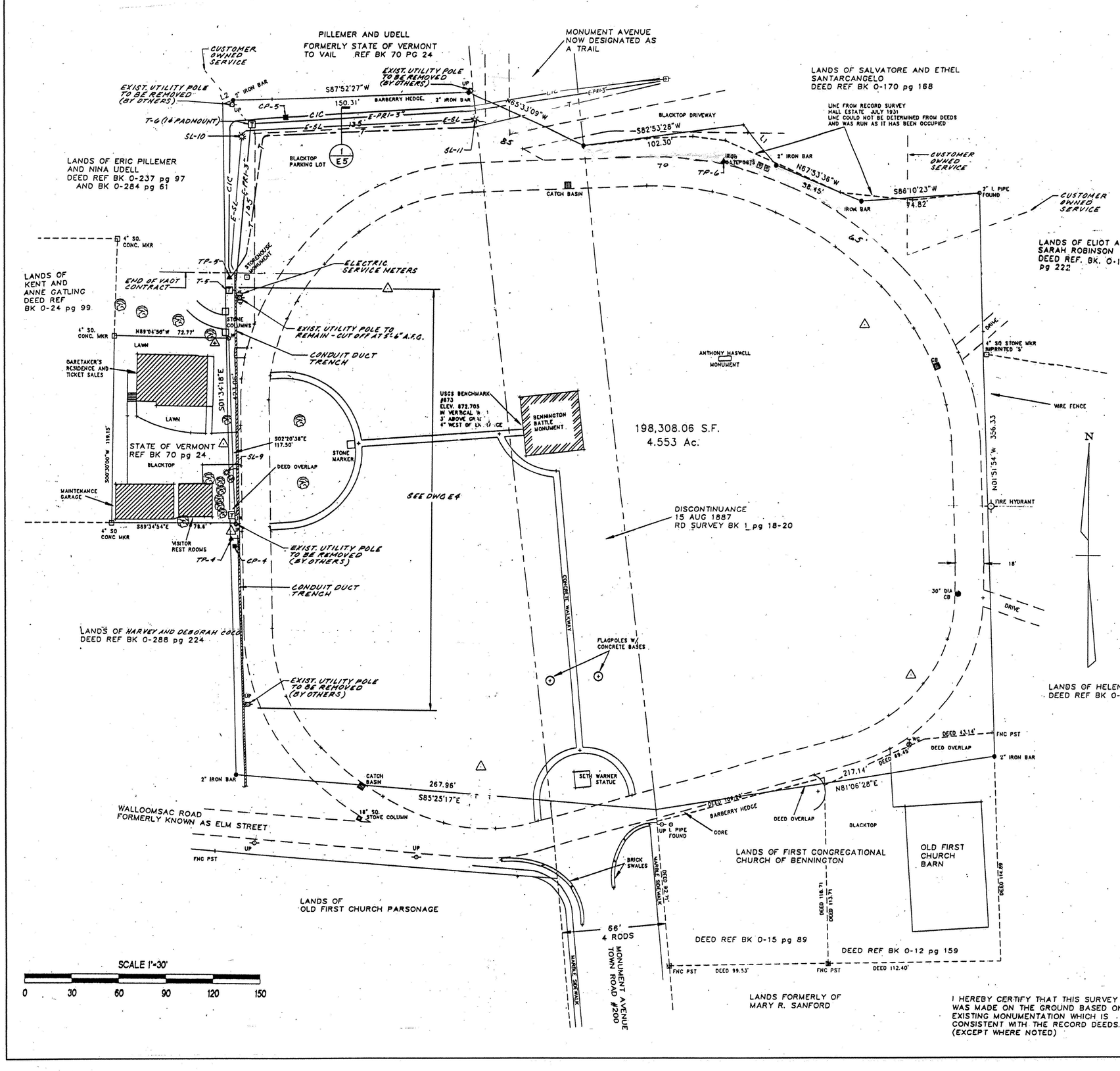

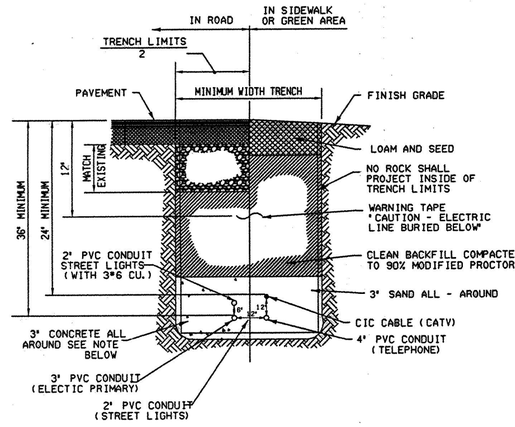

TRENCH SECTION 1/E6
NOT TO SCALE

NOTES:

① PROVIDE 3" CONCRETE ENCASEMENT AROUND CONDUITS AT ALL ROAD AND DRIVEWAY CROSSINGS TO 5' BEYOND EDGE OF PAVEMENT. TYPICAL.

PARTIAL LEGEND

- 2" DIAMETER IRON BAR (CORRESPONDS TO MARKERS CALLED FOR IN BENNINGTON BATTLE MONUMENT GROUNDS SURVEY OF 1890
- UP UTILITY POLE
- IP IRON PIPE
- CB STORM WATER CATCH BASIN
- OR + FNC PST IRON OR STEEL FENCE POST

BENNINGTON BATTLE MONUMENT GROUNDS
DEED REFERENCE RD SURVEY BK #1 pg 35
EDWARD RICE, SURVEYOR REC. 18 DEC 1890

NOTE : THERE ARE AREAS OF DEED OVERLAPS OR GORES WHICH ARE PROBABLY THE RESULT OF THE NEWER SURVEYS NOT BEING TIED TO THE ORIGINAL 1890 SURVEY.

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND BASED ON EXISTING MONUMENTATION WHICH IS CONSISTENT WITH THE RECORD DEEDS. (EXCEPT WHERE NOTED)

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1	TITLE, CONTENT	LAB	JULY/98
Rev.	Description	BY	DATE

VERMONT

OLD BENNINGTON

UTILITY PLAN

MONUMENT CIRCLE

BENNINGTON

Project No.	20000010
Proj. Manager	R.F. KISCHKO
Proj. Designer	L.A. BLACK
Drawn By	R. PREBLE
Checked By	R.F. KISCHKO
Scale	AS SHOWN
Approved	
Date	MARCH 1998

E6

Sheet 2 of 63

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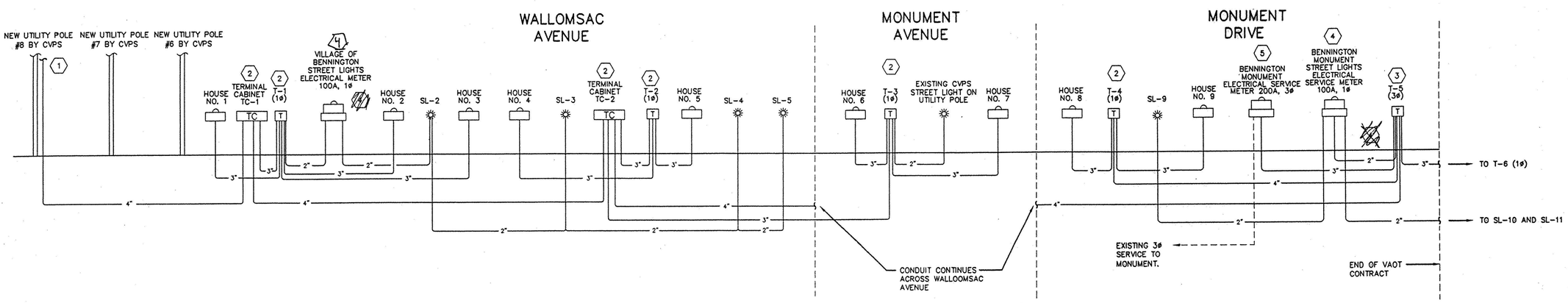


ELECTRIC RISER DIAGRAM

NOT TO SCALE

KEYNOTES:

1. PROVIDE 10 FEET OF SCHEDULE 80 4" PVC CONDUIT AND 25 FEET OF SCHEDULE 40 PVC CONDUIT, 4" CONDULATOR, AND COUPLINGS AS REQUIRED. INSTALL CONDUIT AND SLIP FITTER AS SHOWN ON DETAIL A SHEET E9. CONDUIT ABOVE SLIP FITTER TO BE INSTALLED BY UTILITY.
2. TRANSFORMERS AND TERMINAL CABINETS TO BE PROVIDED AND INSTALLED BY CVPS. CONTRACTOR TO INSTALL FIBERGLASS PEDESTALS (PROVIDED BY CVPS) FOR 1 PHASE TRANSFORMERS. SEE DETAIL E, SHEET E8.
3. CONTRACTOR TO PROVIDE AND INSTALL CONCRETE 3 PHASE TRANSFORMER PAD FOR 3 PHASE TRANSFORMER, T-5. SEE DETAIL C AND D, SHEET E8. 3 PHASE TRANSFORMER TO BE PROVIDED AND INSTALLED BY CVPS.
4. STREET LIGHT ELECTRIC SERVICE METERS (WITH DISCONNECTS) TO BE PROVIDED AND INSTALLED PER DETAIL D, SHEET E9. PROVIDE AND INSTALL 2" CONDUIT WITH 3 #2 CU. FROM TRANSFORMER TO ELECTRIC SERVICE METER.
5. BENNINGTON MONUMENT ELECTRIC SERVICE METER (WITH DISCONNECTS) TO BE PROVIDED AND INSTALLED PER DETAIL C, SHEET E9. PROVIDE AND INSTALL 3" CONDUIT WITH 4 # 4/0 CU. FROM TRANSFORMER TO ELECTRIC SERVICE METER.

GENERAL NOTES:

1. 3" AND 4" CONDUIT SWEEPS TO BE 36" RADIUS.
2. HOUSE METERS TO BE PROVIDED BY OTHERS. CONTRACTOR TO INSTALL CONDUIT ONLY TO METER LOCATION AS SHOWN ON SHEETS E2, E3, E4, AND E5. COORDINATE EXACT LOCATION WITH HOMEOWNER'S REPRESENTATIVE. INSTALL SLIP FITTER AND PROVIDE 5 FEET OF SCHEDULE 80 CONDUIT (OR AS REQUIRED). SEE HOUSE SERVICES SCHEDULE FOR CONDUCTOR SIZES (SHOWN FOR INFORMATION ONLY).
3. SEE DETAILS E AND F, SHEET E9 FOR STREETLIGHT INSTALLATION.

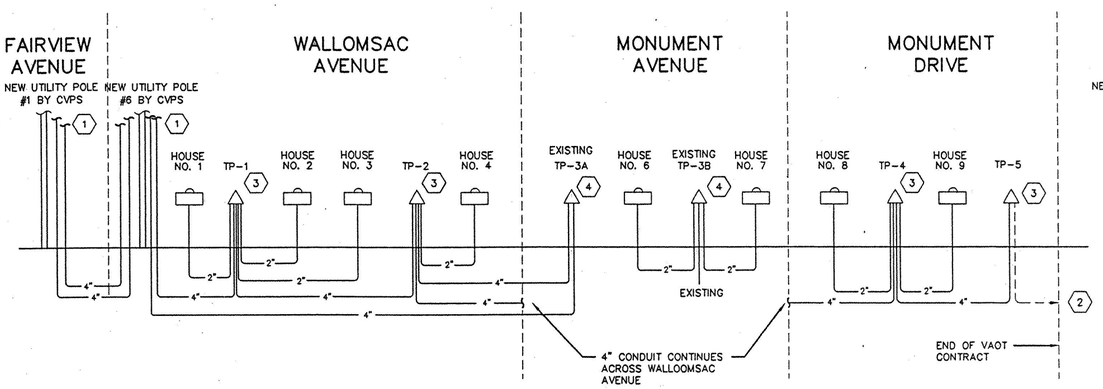
HOUSE SERVICES SCHEDULE

TO BE PAID FOR UNDER ITEM 624.41 REPLACEMENT OF EXISTING METER SOCKET

HOUSE NO.	WIRE SIZE AND TYPE	METER
1	#1/0 URD TRIPLEX (AL.)	100A
2	#4/0 URD TRIPLEX (AL.)	200A
3	350 KCMIL URD TRIPLEX (AL.)	200A &100A
4	#1/0 URD TRIPLEX (AL.)	100A
5	3-500 KCMIL USE (CU.)	400A*
6	#1/0 URD TRIPLEX (AL.)	100A & 30A (OFF PEAK H.W.)
7	350 KCMIL URD TRIPLEX (AL.)	100A & 100A
8	#1/0 URD TRIPLEX (AL.)	100A
9	EXISTING	EXISTING

3" WIRED CONDUIT FOR HOUSE SERVICES INCLUDED UNDER ITEM 624.41

* EXISTING 400A METER NOT TO BE REPLACED.



TELEPHONE RISER DIAGRAM

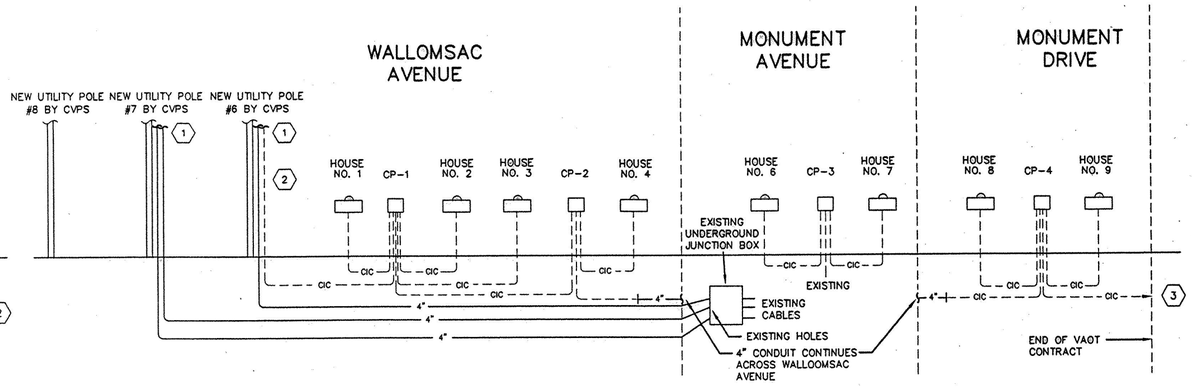
NOT TO SCALE

KEYNOTES:

1. PROVIDE 10 FEET OF SCHEDULE 80 4" PVC CONDUIT AND 25 FEET OF SCHEDULE 40 PVC CONDUIT, 1 – 4" SLIP FILTER, AND COUPLINGS (AS REQUIRED) PER RISER. INSTALL CONDUIT 3" ABOVE FINISHED GRADE ON FACE OF UTILITY POLE (TO BE CONTINUED BY UTILITY).
2. CONTINUATION OF CONDUIT SYSTEM BEYOND VAOT CONTRACT. CONDUIT SHOWN BY DASHED LINE IS NOT IN VAOT CONTRACT.
3. CONDUITS AT PEDESTALS SHALL BE BUNDLED IN A GROUP WITHIN A 12" SQUARE. CONDUITS TO EXTEND 3" ABOVE FINISHED GRADE. INSTALL #6 AWG BARE COPPER GROUND TO NEAREST TRANSFORMER GROUND.
4. COORDINATE CONDUIT INSTALLATION TO EXISTING PEDESTALS WITH BELL ATLANTIC.

GENERAL NOTES:

1. TERMINATE CONDUITS TO HOUSES NEAR ELECTRIC METERS AT 4 FEET ABOVE FINISHED GRADE. INSTALL SLIP FITTERS ABOVE GRADE
2. 3" AND 4" CONDUIT SWEEPS TO BE 36" RADIUS.



CATV AND FIBER OPTIC RISER DIAGRAM

NOT TO SCALE

KEYNOTES:

1. PROVIDE 10 FEET OF SCHEDULE 80 4" PVC CONDUIT AND 25 FEET OF SCHEDULE 40 PVC CONDUIT, 1 – 4" SLIP FILTER, AND COUPLINGS (AS REQUIRED) PER RISER. INSTALL CONDUIT 3" ABOVE FINISHED GRADE ON FACE OF UTILITY POLE (TO BE CONTINUED BY UTILITY).
2. CIC CABLE TO BE INSTALLED BY ADELPIA CABLE COMMUNICATION.
3. CONTINUATION OF CIC CABLE IN TRENCH BEYOND VAOT CONTRACT.

GENERAL NOTES:

1. 4" CONDUIT SWEEPS TO BE 36" RADIUS.
2. 90° SWEEPS TO BE PAYED AS SUBSIDIARY TO 678.21 ELECTRICAL CONDUIT.

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No.	Description	By	Date
1	GENERAL REVISIONS	LAB	JULY/98

VERMONT

OLD BENNINGTON

UTILITY PLAN

RISER DIAGRAM

BENNINGTON

STATE OF VERMONT — ROBERT F. KIRSCHKO — 2-10-99 — REGISTERED PROFESSIONAL ENGINEER

Project No.	20800010
Proj. Manager	R.F. KIRSCHKO
Proj. Designer	L.A. BLACK
Drawn By	M.A.M.
Checked By	R.F. KIRSCHKO
Scale	AS SHOWN
Approved	
Date	MARCH 1998

E7

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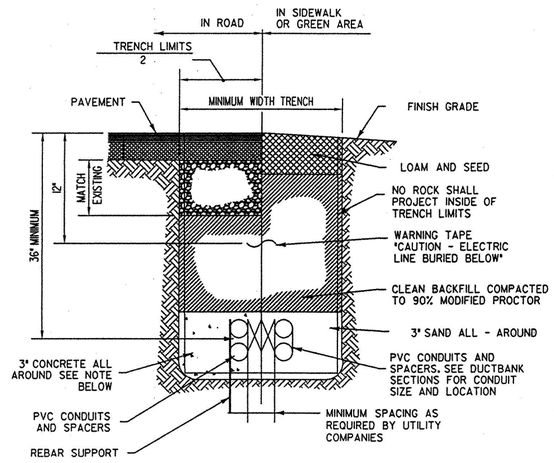
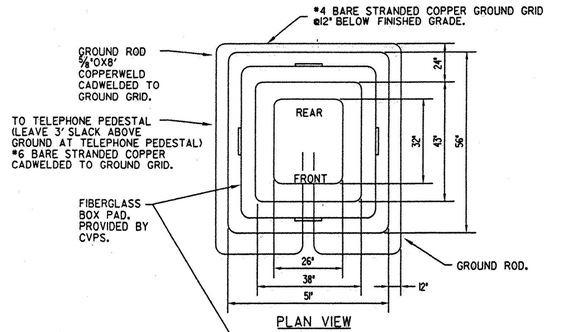


TYPICAL DUCTBANK TRENCH SECTION — A / E1-E5
NOT TO SCALE

NOTES:

① PROVIDE 3" CONCRETE ENCASEMENT AROUND CONDUITS AT ALL ROAD AND DRIVEWAY CROSSINGS TO 5' BEYOND EDGE OF PAVEMENT. TYPICAL.

② CONDUIT SPACERS TO BE INSTALLED EVERY 5 FEET. REBAR SUPPORT TO BE DRIVEN AND ATTACHED EVERY 15 FEET MINIMUM.

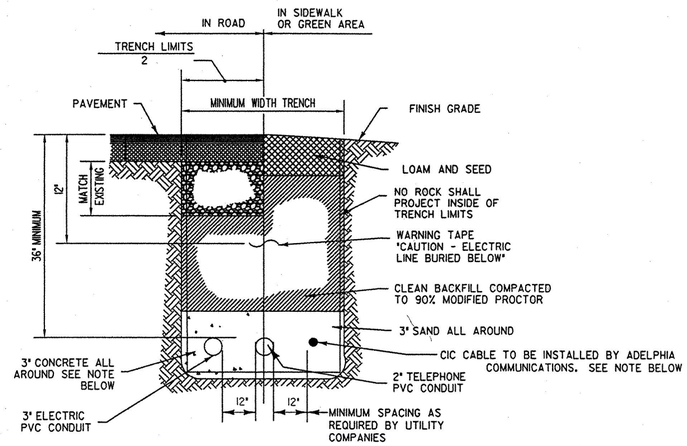


TERMINAL CABINET AND I/O / TRANSFORMER PAD DETAIL — E / E2-E5 E7
NOT TO SCALE

NOTES:

1. PAD SHALL BE PROTECTED FROM VEHICULAR DAMAGE BY LOCATION OR SUITABLE BARRIER. WHEN A BARRIER IS NECESSARY, IT SHALL CONSIST OF MINIMUM 4" DIAMETER STEEL CONDUITS, CONCRETE FILLED, INSTALLED 3' ABOVE AND BELOW GROUND LEVEL.
2. SET FIBERGLASS PAD TO PROVIDE ADEQUATE DRAINAGE AWAY FROM PAD. LOCATE THE FIBERGLASS PAD SO THAT IT SHALL BE ACCESSIBLE BY TRUCK.
3. THE TRANSFORMER MUST BE SECURED TO ITS PAD BY USING 2-3/8" BOLTS WITH APPROPRIATE WASHERS.
4. LEAVE SLACK IN PRIMARY AND SECONDARY CABLES IN OPEN CABLE SPACE.
5. INSTALL 3" CLEAN SAND IN BOTTOM OF BOX PAD.
6. INSTALL DIMENSIONS MAY VARY WITH MANUFACTURER.
7. ELBOW MUST BE ALIGNED TO ALLOW STRAIGHT PULL THROUGH BOX PAD OPENING.
8. A 90^ ELBOW IS TYPICAL, HOWEVER, CONDITIONS MAY REQUIRE THAT A 45° ELBOW BE SPECIFIED BY ENGINEERING.
9. PROVIDE SUFFICIENT CLEARANCE SO BOX PAD DOES NOT CONTACT ELBOW.
10. CONDUIT END TO BE SEALED, WITH APPROVED DUCT SEAL, AFTER CABLES ARE INSTALLED.
11. STEEL CONDUIT SHALL EXTEND AT LEAST 6 FEET FROM BOX PAD.
12. EXPOSED STEEL CONDUIT TO BE BONDED TO GROUND GRID.

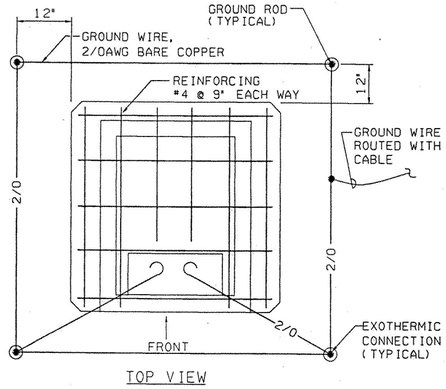
ITEM	MATERIAL
C40	PVC CONDUIT (SCH. 40)
FA	FEMALE ADAPTER
SE	STEEL ELBOW (36" RADIUS)
CN	CHASE NIPPLE
SC	STEEL CONDUIT
BL	BONDING LOCKNUT



TYPICAL HOUSE SERVICE (E/T/C) TRENCH SECTION — B / E2-E5
NOT TO SCALE

NOTES:

① PROVIDE 3" CONCRETE ENCASEMENT AROUND CONDUITS AT ALL ROAD AND DRIVEWAY CROSSINGS TO 5' BEYOND EDGE OF PAVEMENT. PROVIDE 4" PVC CONDUIT FOR CIC CABLE IN CONCRETE ENCASEMENT.

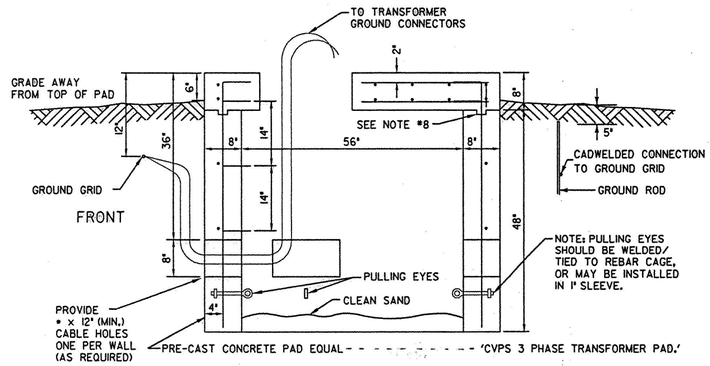


TOP VIEW

REBAR AND GROUNDING DETAIL FOR 3-PHASE PAD MOUNTED TRANSFORMER — C / E5,E7
NOT TO SCALE

NOTES:

1. GROUND RODS:
   SUPPLY AND INSTALL FOUR EIGHT FOOT COPPER CLAD ø" GROUND RODS. RODS SHALL BE DRIVEN VERTICALLY, ONE BEYOND EACH CORNER OF THE PAD, SO THAT THE TOP IS 5" BELOW THE GROUND LINE AT THE LOCATION AS SHOWN.
2. GROUND WIRE:
   CONTRACTOR SHALL SUPPLY AND INSTALL 2/0 BARE COPPER GROUND WIRE. CONNECT TO EACH GROUND ROD 7" FROM THE TOP (12" BELOW GROUND LINE). TWO ENDS SHALL BE BROUGHT INTO THE WELL AS SHOWN LEAVING SIX (6) FEET FOR CONNECTIONS ONTO TRANSFORMER.



NOTES:

1. PAD SHALL BE PROTECTED FROM VEHICULAR DAMAGE BY LOCATION OR SUITABLE BARRIER. WHEN A BARRIER IS NECESSARY, IT SHALL CONSIST OF A MINIMUM OF 4 STEEL PIPE BOLLARDS.
2. SET PAD TO PROVIDE ADEQUATE DRAINAGE AWAY FROM PAD. LOCATE THE PAD SO THAT IT SHALL BE ACCESSIBLE BY TRUCK.
3. LEAVE SLACK IN PRIMARY AND SECONDARY CABLES IN OPEN CABLE SPACE.
4. CONCRETE 3000 PSI AT 28 DAYS, STEEL YIELD STRESS 40,000 PSI.
5. SHORTEN REBARS 20" FOR CABLE HOLES.
6. LEAVE GROUND LEADS 2 FT. MINIMUM AVOVE PAD FOR CONNECTION TO TRANSFORMER.
7. INSTALLATION TO BE INSPECTED PRIOR TO BACKFILLING.
8. IF PAD IS CONSTRUCTED IN TWO POURS, THE JOINT MUST BE KEYED.
9. MAINTAIN 12' MINIMUM CLEARANCE IN FRONT OF TRANSFORMER.
10. INSTALL 3" CLEAN SAND IN BOTTOM OF FOUNDATION.
11. PAD IS DESIGNED TO SUPPORT A TRANSFORMER WEIGHT OF 6000* (MAX.).

CONCRETE PAD FOR 3-PHASE PAD MTD TRANSFORMER — D / E5,E7
NOT TO SCALE

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Consulting Engineers
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No.	DESCRIPTION	BY	DATE
1	GENERAL REVISIONS	LAB	JULY/98

VERMONT

OLD BENNINGTON

UTILITY PLAN

DETAILS

BENNINGTON

Project No.	20000010
Proj. Manager	R.F. KISCHIKO
Proj. Designer	L.A. BLACK
Drawn By	M. MEILLEUR
Checked By	R.F. KISCHIKO
Scale	AS SHOWN
Approved	
Date	MARCH 1998

E 8

Sheet 30 of 63

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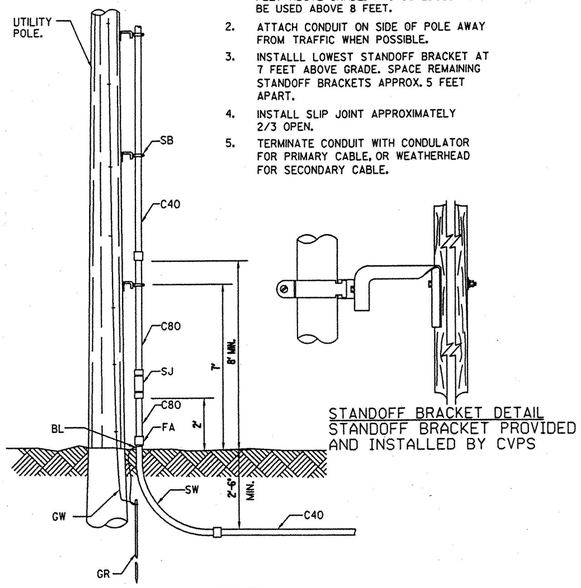
NOTES:

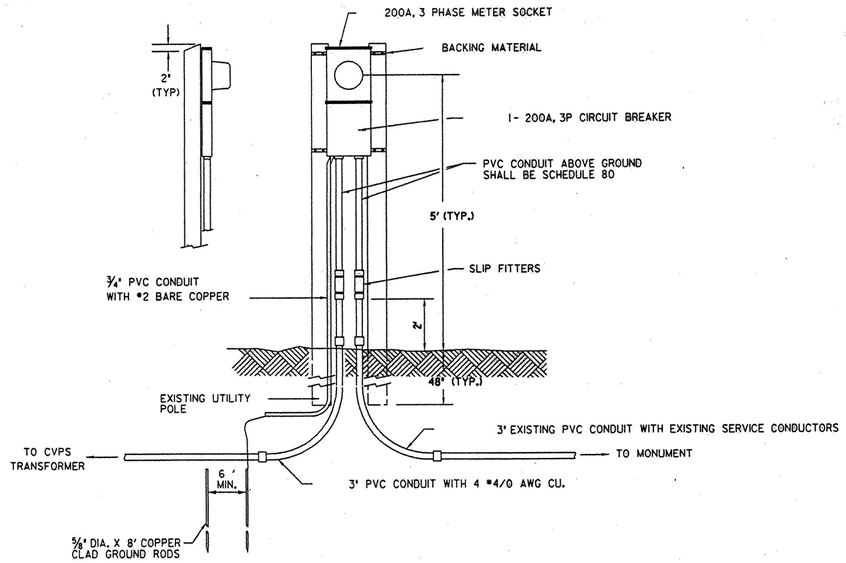
1. PVC SCHEDULE 80 SHALL BE USED TO 8 FEET ABOVE GRADE. PVC SCHEDULE 40 TO BE USED ABOVE 8 FEET.
2. ATTACH CONDUIT ON SIDE OF POLE AWAY FROM TRAFFIC WHEN POSSIBLE.
3. INSTALLL LOWEST STANDOFF BRACKET AT 7 FEET ABOVE GRADE. SPACE REMAINING STANDOFF BRACKETS APPROX. 5 FEET APART.
4. INSTALL SLIP JOINT APPROXIMATELY 2/3 OPEN.
5. TERMINATE CONDUIT WITH CONDULATOR FOR PRIMARY CABLE, OR WEATHERHEAD FOR SECONDARY CABLE.



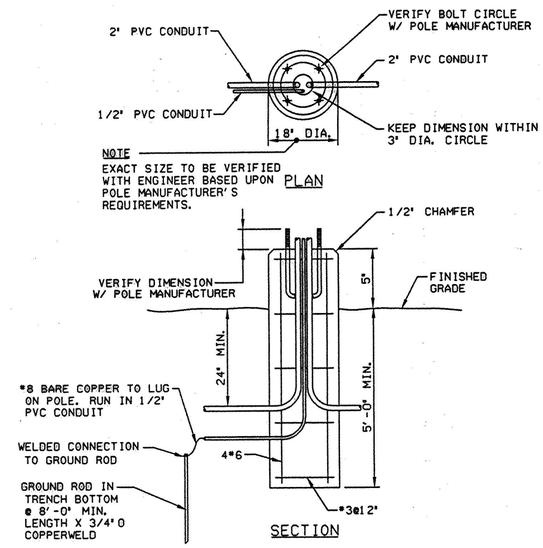
STANDOFF BRACKET DETAIL
STANDOFF BRACKET PROVIDED AND INSTALLED BY CVPS

ITEM	NO REQUIRED	CODE	MATERIAL
SJ	1		SLIP JOINT
SB	*		STANDOFF BRACKET
C80	10 FT.		CONDUIT (SCHEDULE 80) 4"
C40	*		CONDUIT (SCHEDULE 40) 4"
SW	1		90° STEEL SWEEP 4'
FA	1		FEMALE ADAPTER
BL	1		BONDING LUG
GR	1		GROUND ROD
GW	*		GROUND WIRE
ST	10 FT.		GALVANIZED STEEL CONDUIT

ELECTRICAL RISER CONDUIT INSTALLATION — A — E1,E7
NOT TO SCALE

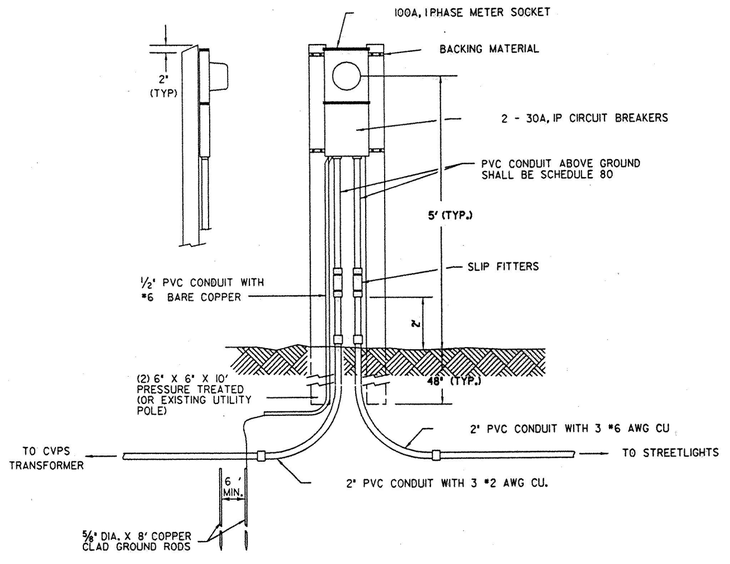


BENNINGTON MONUMENT ELECTRICAL SERVICE INSTALLATION — C — E5,E7
NOT TO SCALE



STANDARD POLE BASE DETAIL — E — E2,E3, E5,E7
NOT TO SCALE

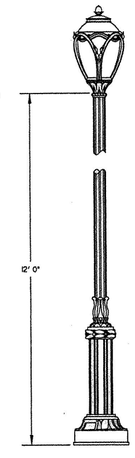
ALL HARDWARE NEEDED TO ERECT THIS LIGHT FIXTURE TO BE INCLUDED IN THE ITEM 679.50 LUMINAIRE.



STREET LIGHT ELECTRICAL SERVICE INSTALLATION — D — E2,E5, E7
NOT TO SCALE

STREET LIGHT
SENTRY CAT. NO.
SCP - 175MH - 120V - BLACK WITH
SAL - B - 12' BLACK WITH LAMP AND
PHOTOCELL

WITH PHOTOGELL IN POLE
AND TYPE III DISTRIBUTION



STREET LIGHT FIXTURE DETAIL — F — E2,E3, E5,E7
NOT TO SCALE

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BY	DATE	DESCRIPTION
LAB	JULY/98	GENERAL REVISIONS

1 Rev.

VERMONT

OLD BENNINGTON

UTILITY PLAN

DETAILS

BENNINGTON

Project No.	20000010
Proj. Manager	R.F. KISCHIKO
Proj. Designer	L.A. BLACK
Drawn By	M. MEILLEUR
Checked By	R.F. KISCHIKO
Scale	AS SHOWN
Approved	
Date	MARCH 1998

E 9

Sheet 31 of 63

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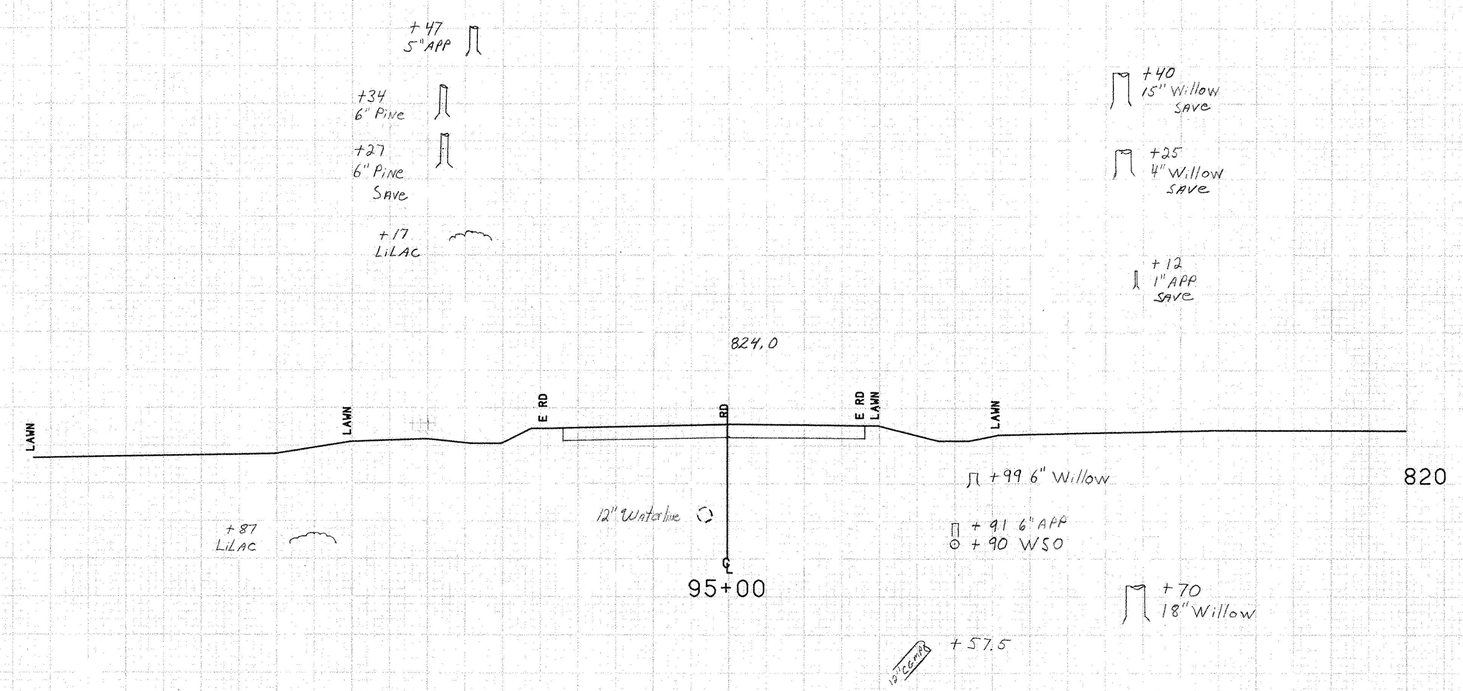
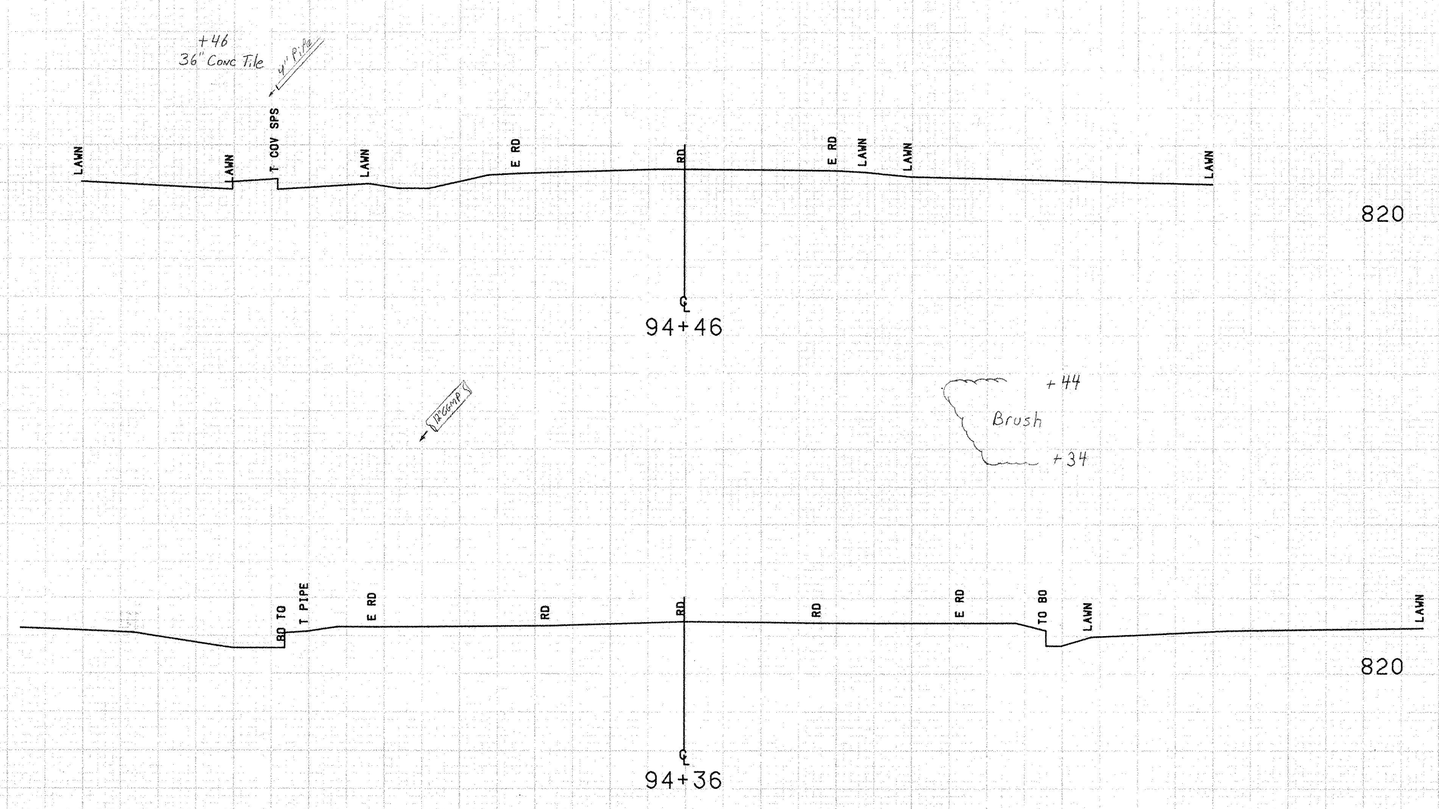
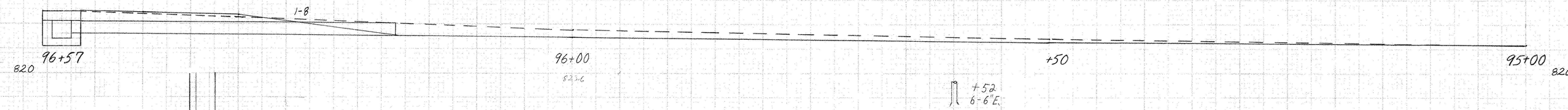




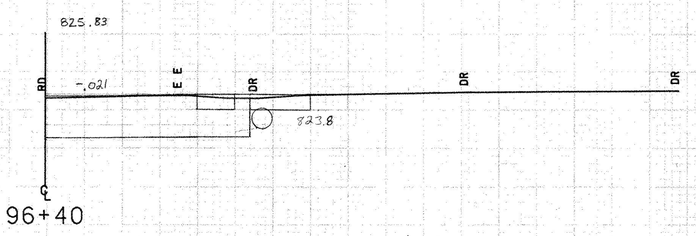
SCALE 5 FEET

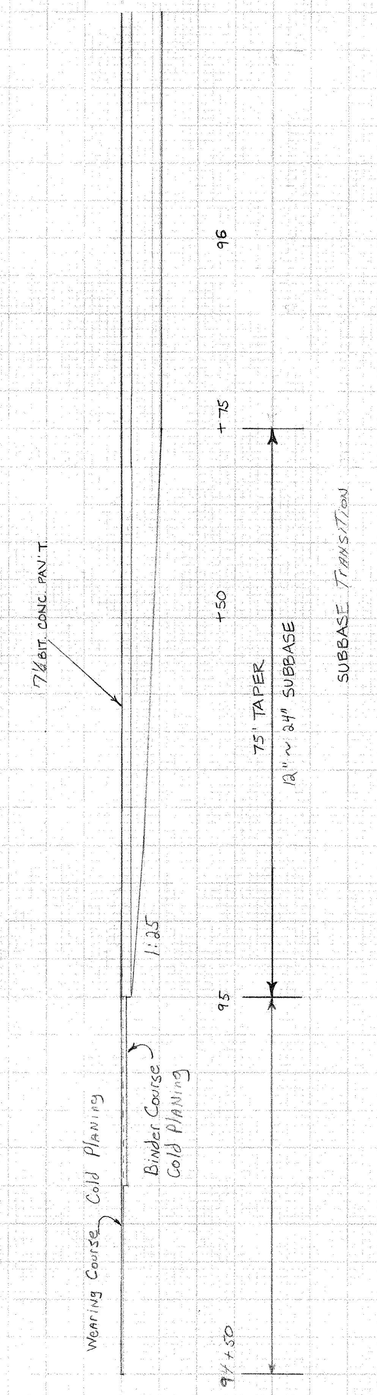
FROM STA. 94+36		TO STA. 95+00	
PROJECT NAME	OLD BENNINGTON MAIN		
NO.	M1400(4)S	PLOTTED	06/15/93
SURVEYED BY	MOREAU	01/90	0294
SHEET 39 OF 63 SHEETS			



+52
6-6"E.

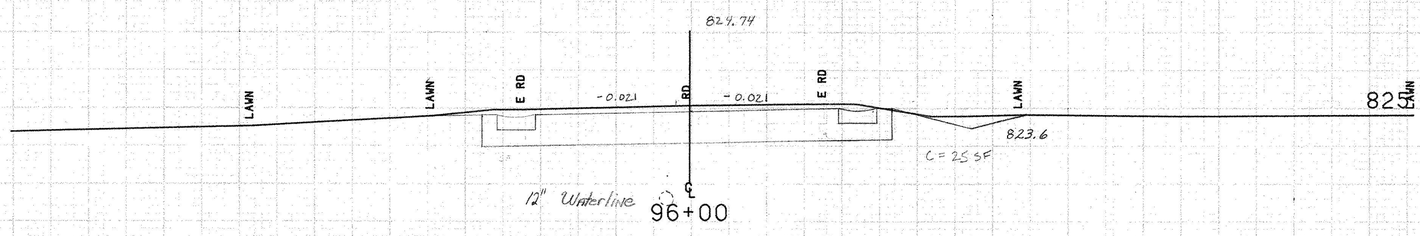
STA 96+20 RT ~ 96+55 RT
Granite Gutter is to be
Set in place with No
Swale across Drive.





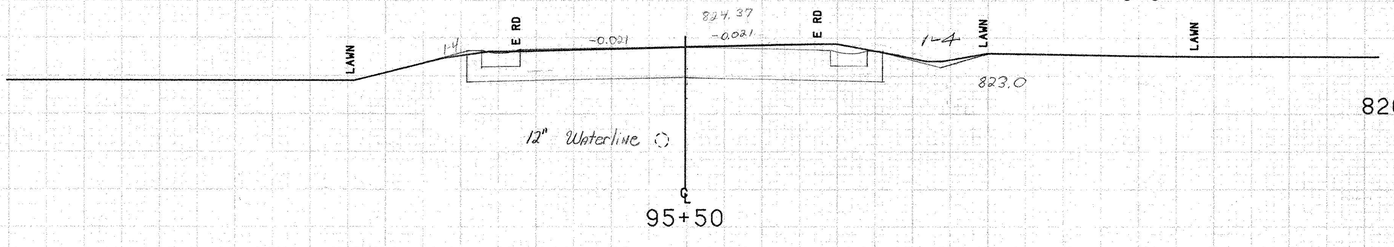
+16
W.S.O.

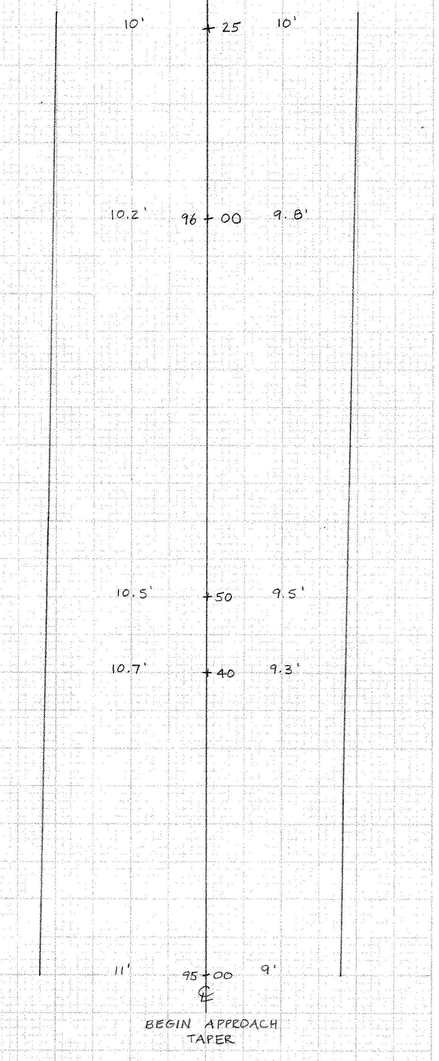
+11
24" WILLOW
Save



+82
12" APP

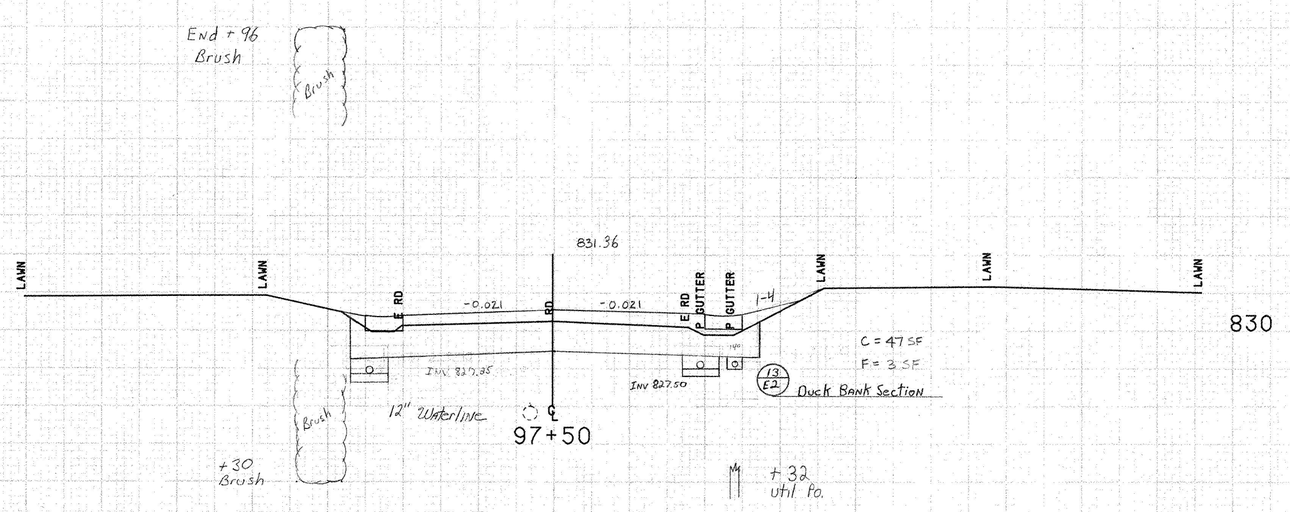
+68
2" APP
Save
+54
6" Willow
Save





FROM STA.	95+50	TO STA.	96+40
PROJECT NAME	OLD BENNINGTON MAIN		
NO.	M1400(4)S	PLOTTED	06/15/93
SURVEYED BY	MOREAU	01/90	0294
SHEET 40	OF 63 SHEETS		

SCALE 5 FEET

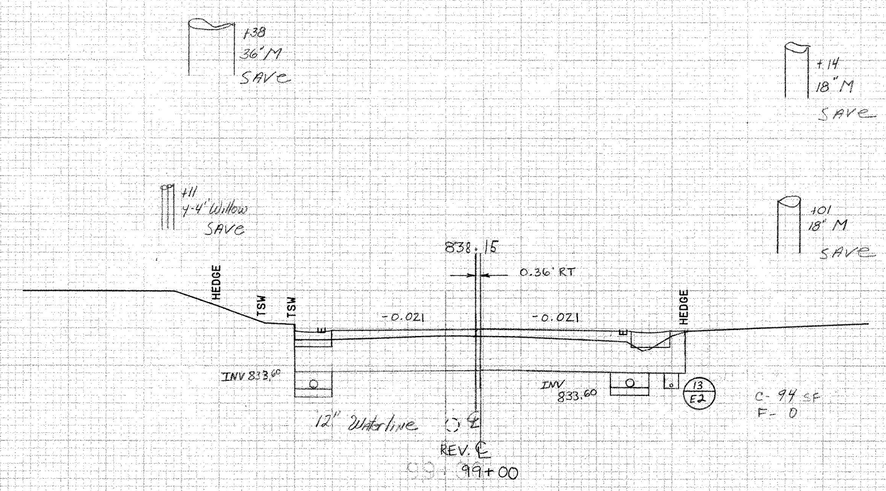


Note: Underdrain offset may be Adjusted As Needed to Avoid Conflict With Utilities As Approved by the Engineer.

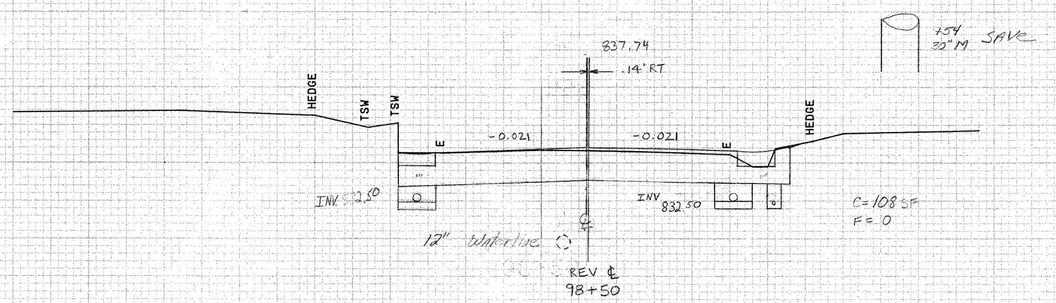
Note: Bricks may be omitted from DI As Needed for Clearance Over Culvert.

SCALE 5 FEET

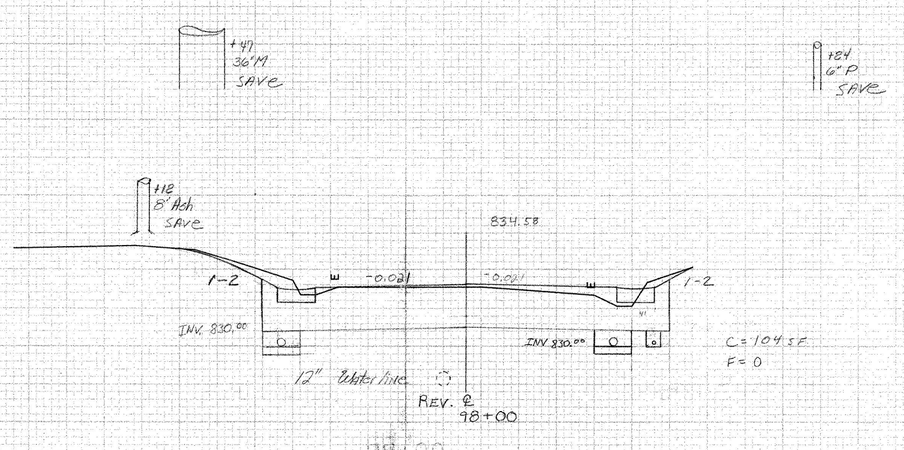
FROM STA.	96+57	TO STA.	97+50
PROJECT NAME	OLD BENNINGTON MAIN		
NO.	M1400(4)S	PLOTTED	06/15/93
SURVEYED BY	MOREAU	01/90	0294
SHEET 41	OF 63 SHEETS		



835



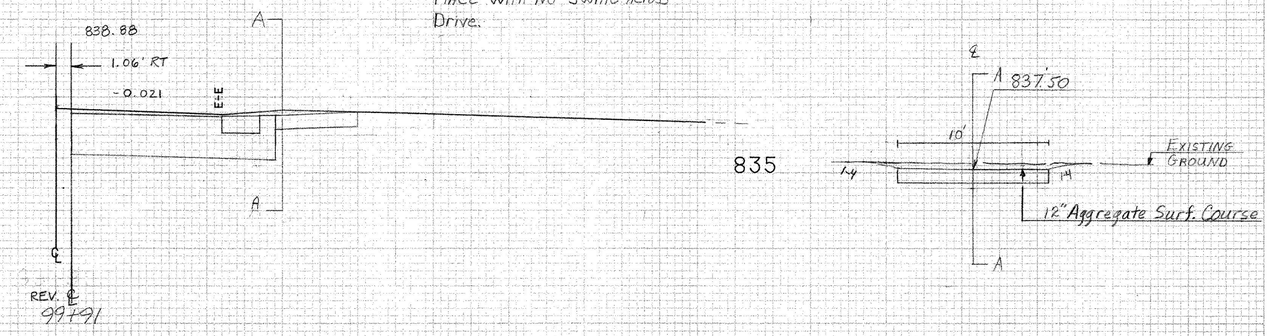
835

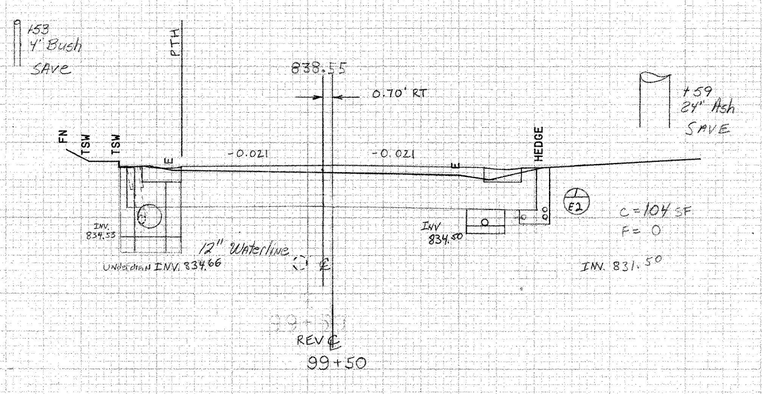


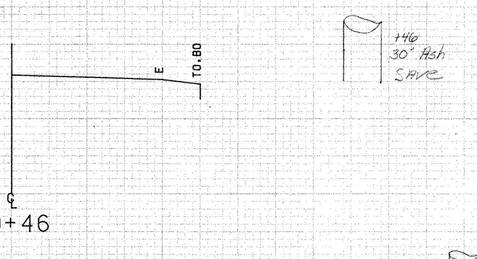
830

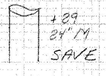
SCALE 5 FEET

FROM STA.	98+00	TO STA.	99+00
PROJECT NAME	OLD BENNINGTON	[redacted]	
NO.	M1400(4)S	PLOTTED	02/24/86
SURVEYED BY	MOREAU		JAN. 1986
SHEET 42	OF 63 SHEETS		



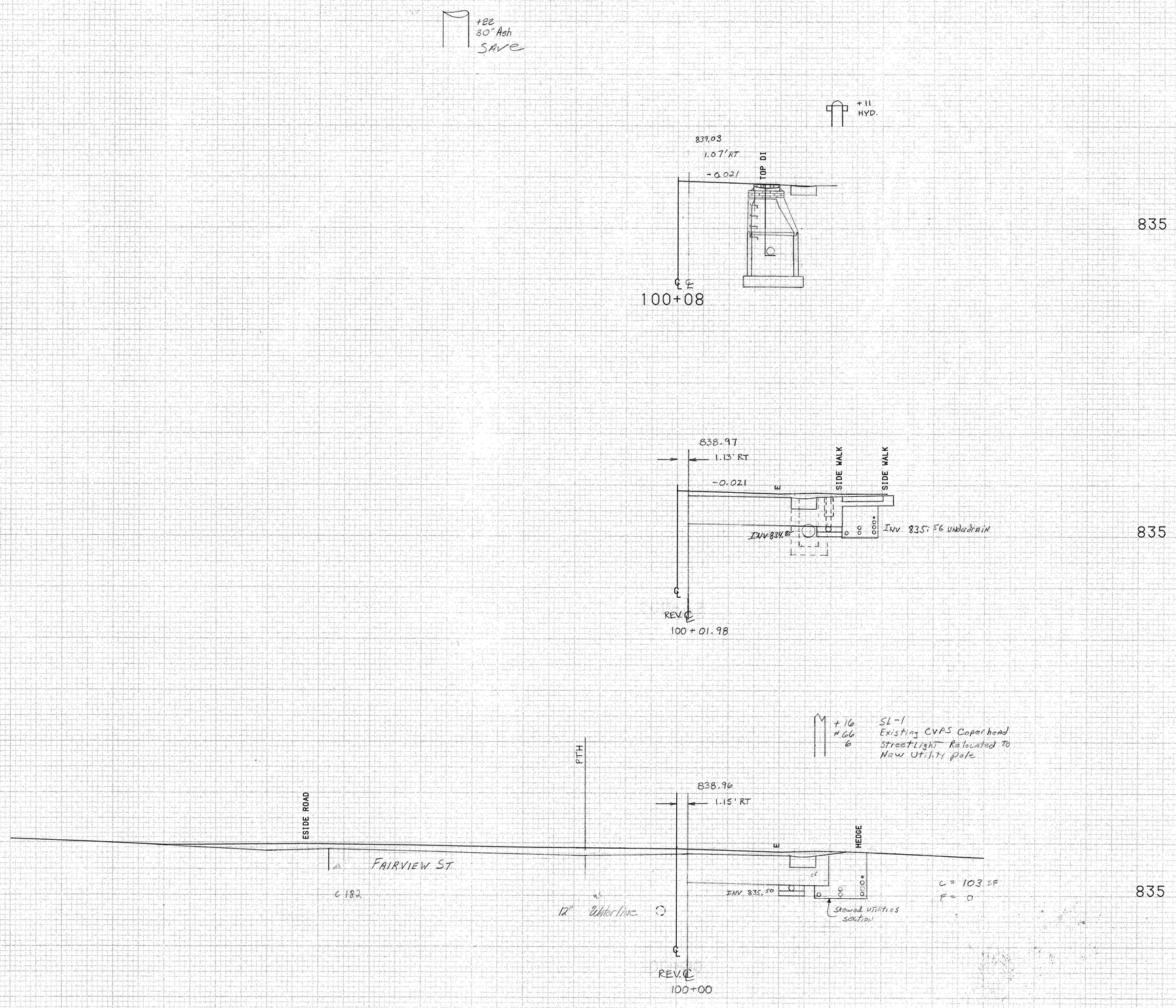






SCALE 5 FEET

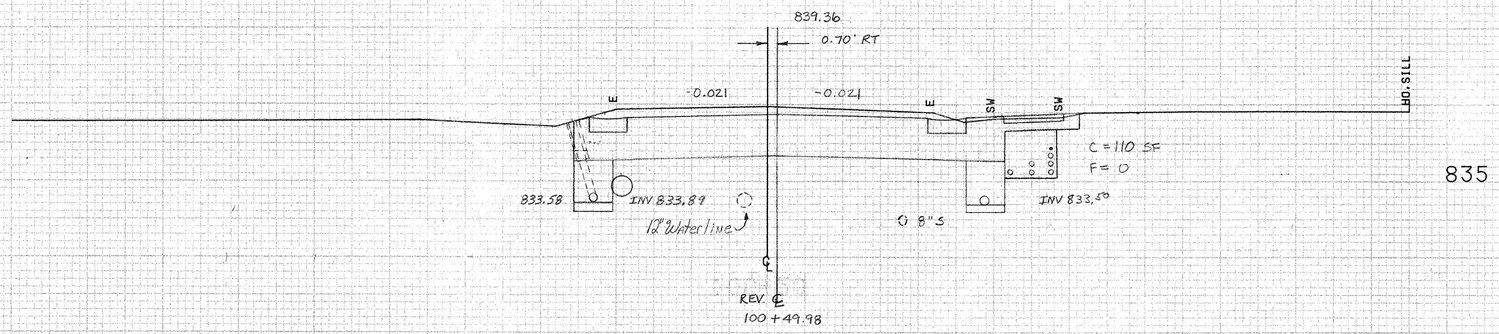
FROM STA. 99+46	TO STA. 99+91		
PROJECT NAME	OLD BENNINGTON	[redacted]	
NO.	M1400(4)S	PLOTTED 02/24/86	
SURVEYED BY	MOREAU	JAN. 1986	
SHEET 43 OF 63 SHEETS			



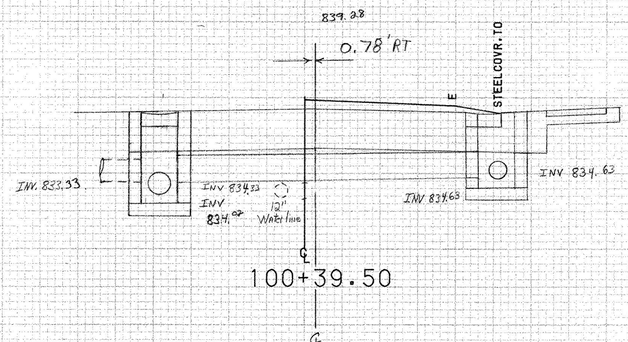
SCALE 5 FEET

FROM STA.	100+00	TO STA.	100+08
PROJECT NAME	OLD BENNINGTON	[redacted]	
NO.	M1400(4)S	PLOTTED	02/24/86
SURVEYED BY	MOREAU	JAN. 1986	
SHEET 44 OF 63 SHEETS			

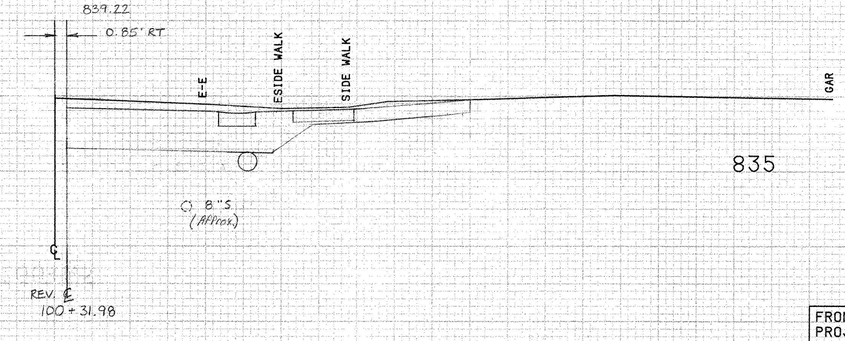
179
2" Line
SAVE



835



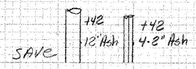
835

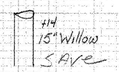


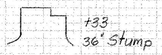
835

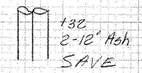
SCALE 5 FEET

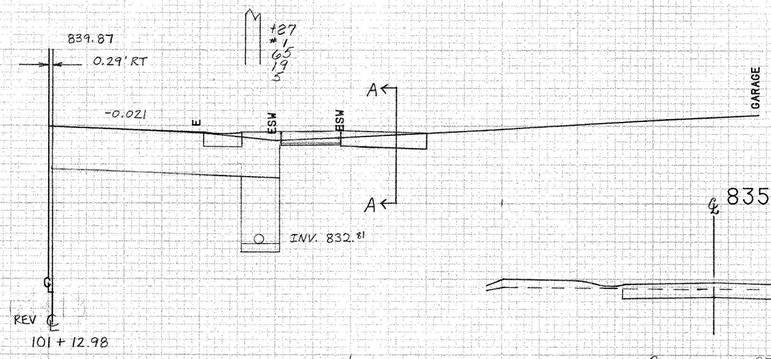
FROM STA.	100+32	TO STA.	100+50
PROJECT NAME	OLD BENNINGTON	[redacted]	
NO.	M1400(4)S	PLOTTED	02/24/86
SURVEYED BY	MOREAU	JAN. 1986	
SHEET 45 OF 65 SHEETS			



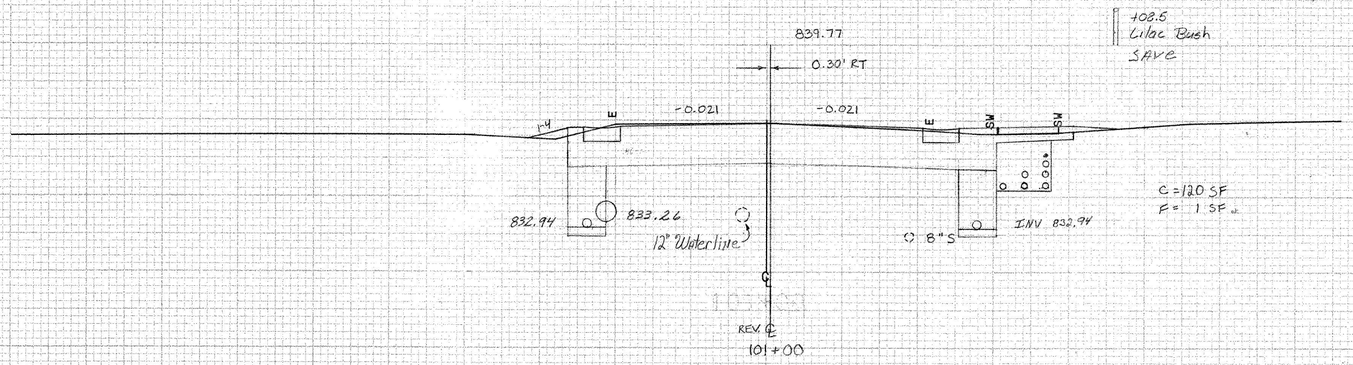


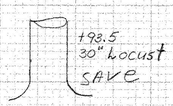


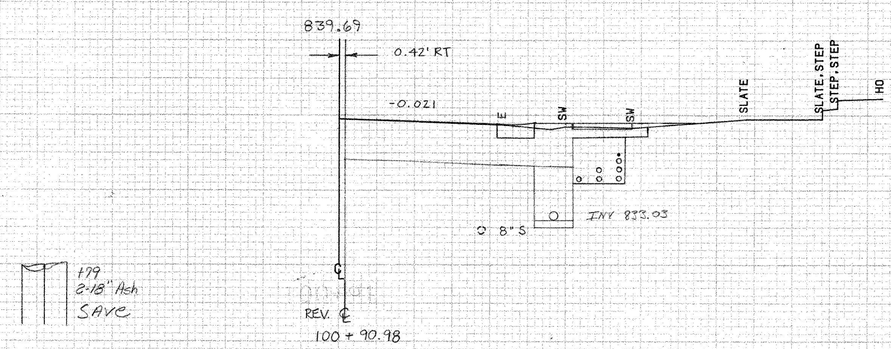




Rev 101+14 RT
SECTION A-A

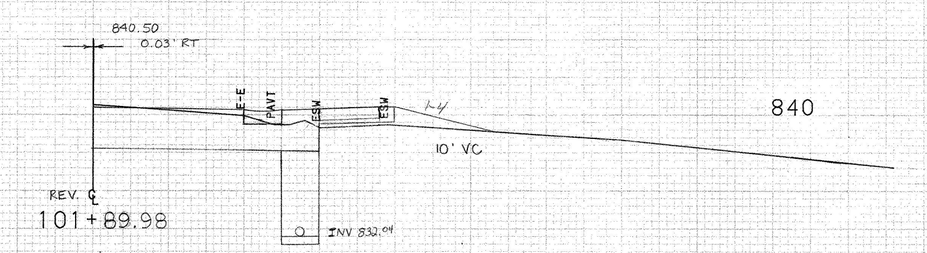


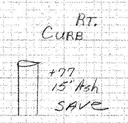


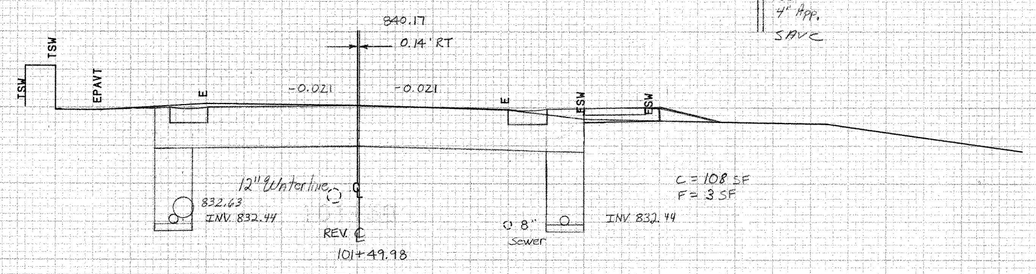


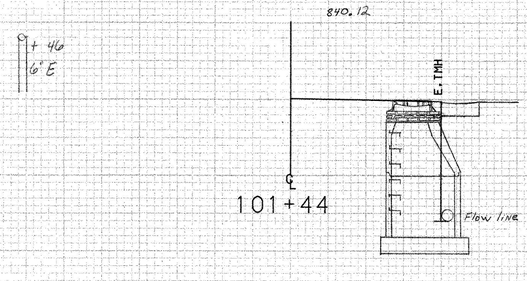
SCALE 5 FEET

FROM STA.	100+91	TO STA.	101+13
PROJECT NAME	OLD BENNINGTON	[redacted]	
NO.	M1400(4)S	PLOTTED	02/24/86
SURVEYED BY	MOREAU	JAN. 1986	
SHEET 46 OF 63 SHEETS			



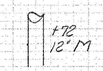


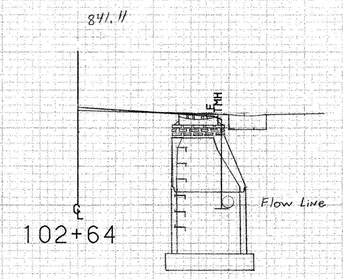




FROM STA.	101+44	TO STA.	101+90
PROJECT NAME	OLD BENNINGTON	[redacted]	
NO.	M1400(4)S	PLOTTED	02/24/86
SURVEYED BY	MOREAU	JAN. 1986	
SHEET #2 OF 63 SHEETS			

SCALE 5 FEET





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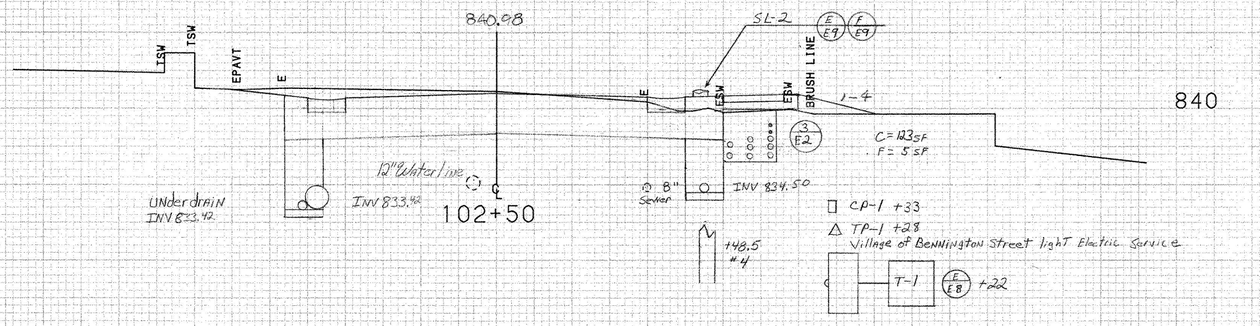
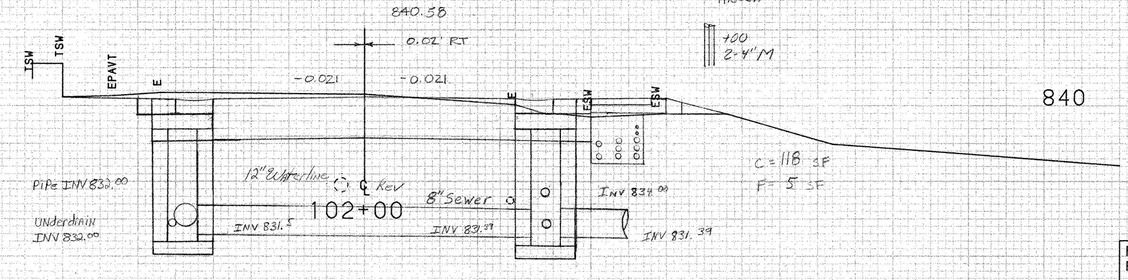


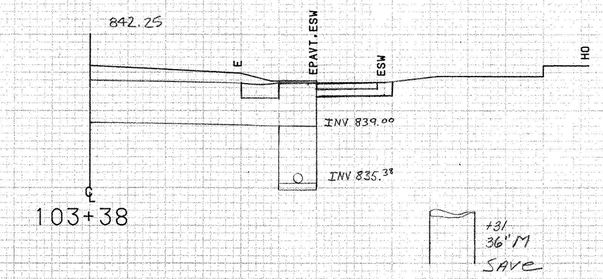
840



840

SCALE 5 FEET

FROM STA.	102+00	TO STA.	102+64
PROJECT NAME	OLD BENNINGTON	[redacted]	
NO.	M1400(4)S	PLOTTED	02/24/86
SURVEYED BY	MOREAU		JAN. 1986
SHEET 48 OF 63 SHEETS			



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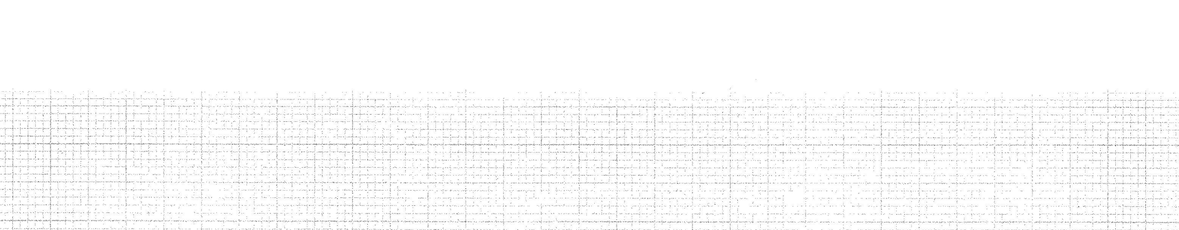
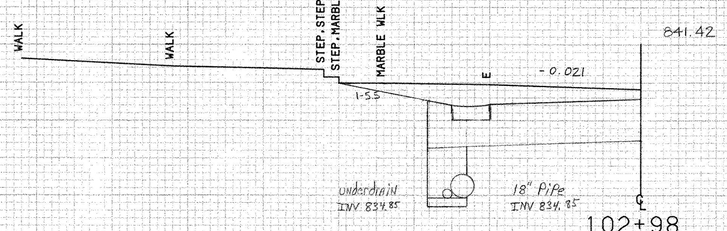


840

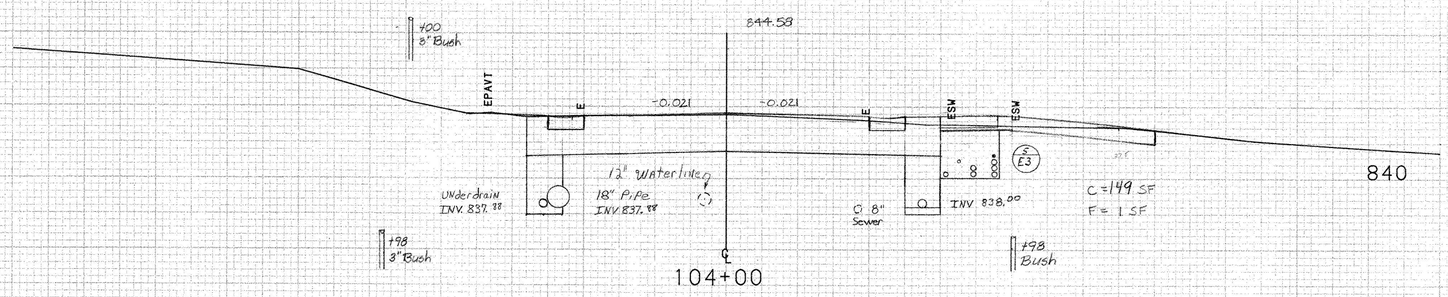
102+98BLT
Remove & Reset Marble Walk.
Relocation will be Directed by the
Engineer as agreed to by the
Affected Property Owner.
To be Subsidiary to Common Excavation.

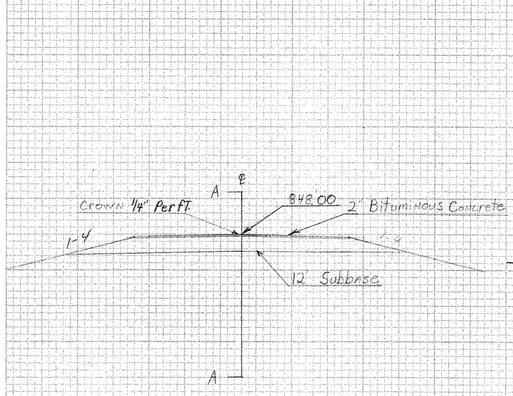


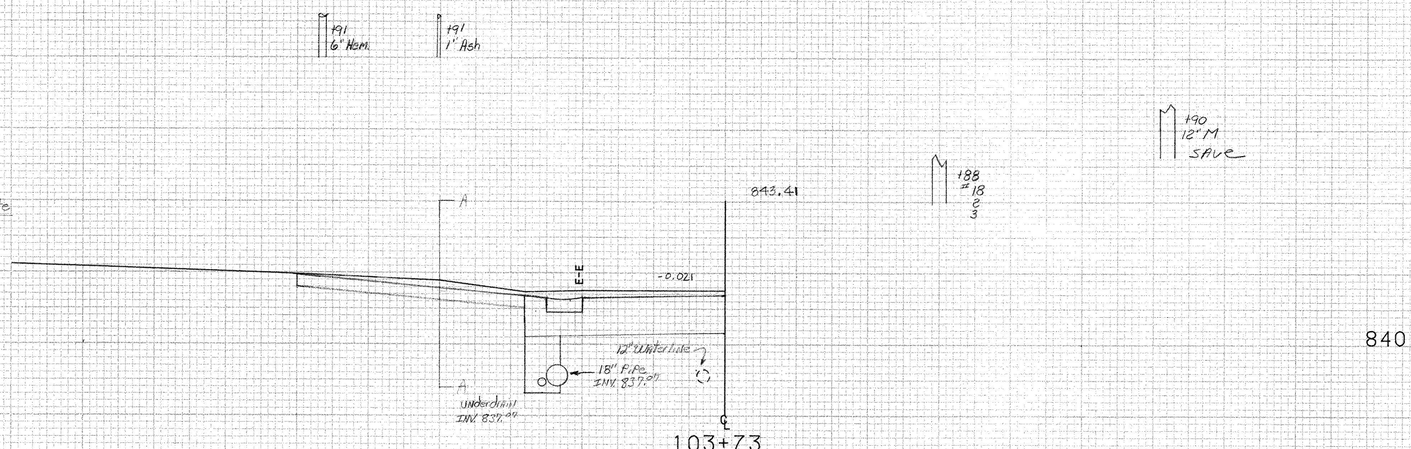
840

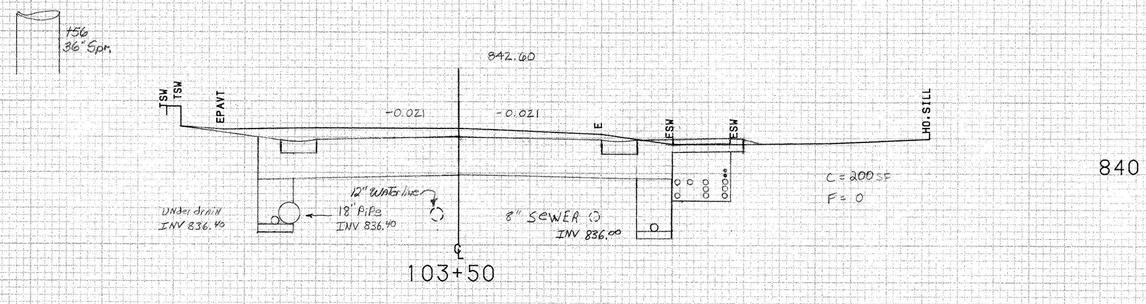
FROM STA.	102+98	TO STA.	103+38
PROJECT NAME	OLD BENNINGTON	[redacted]	
NO.	M1400(4)S	PLOTTED	02/24/86
SURVEYED BY	MOREAU		JAN. 1986
SHEET 49 OF 63	SHEETS		

SCALE 5 FEET



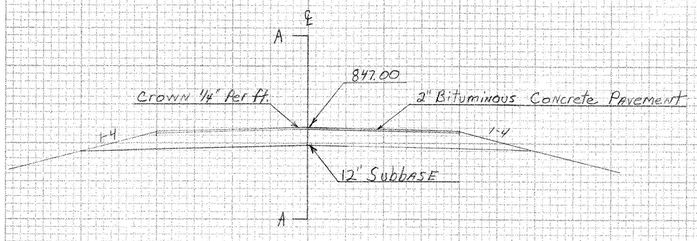




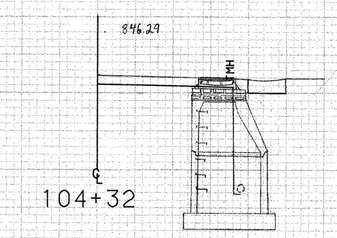


FROM STA.	103+50	TO STA.	104+00
PROJECT NAME	OLD BENNINGTON	[redacted]	
NO.	M1400(4)S	PLOTTED	02/24/86
SURVEYED BY	MOREAU	JAN. 1986	
SHEET	5 OF 63	SHEETS	

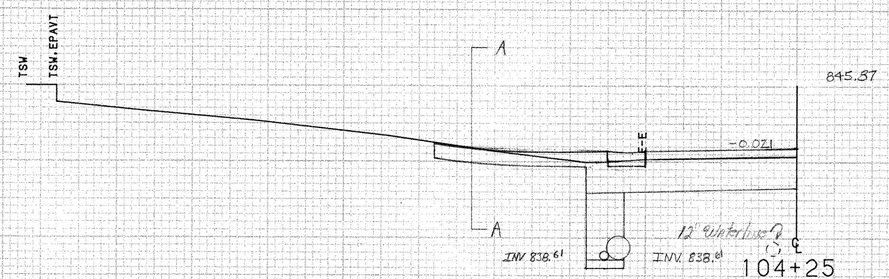
SCALE 5 FEET

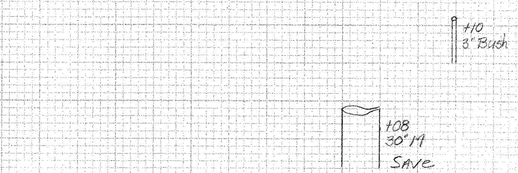


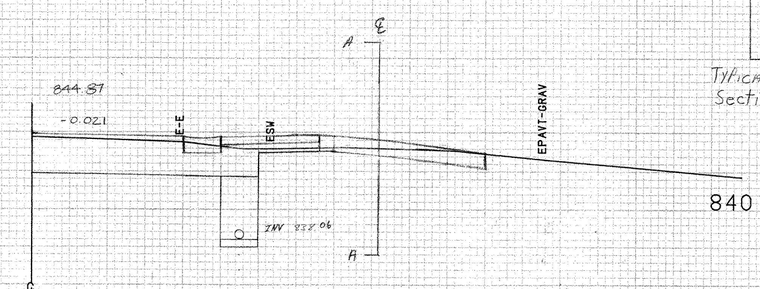
Driveway Typical Section



845

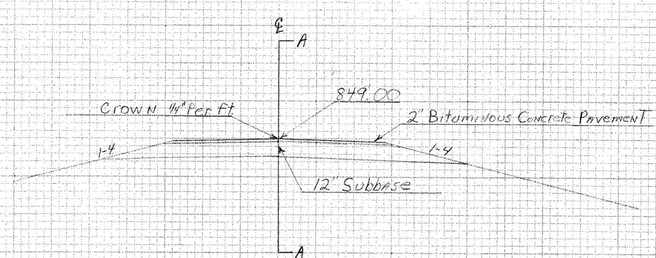






845

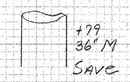
840

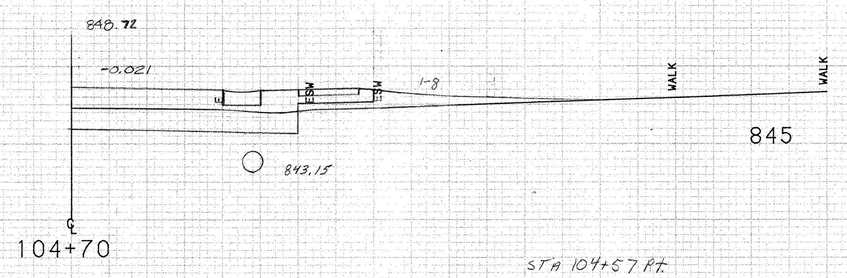


Typical Drive Section

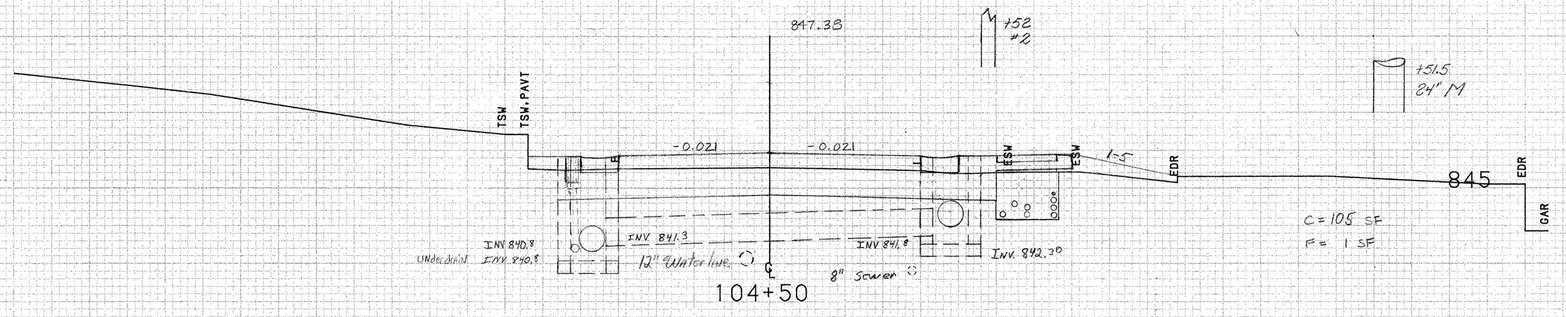
FROM STA.	104+06	TO STA.	104+32
PROJECT NAME	OLD BENNINGTON		[redacted]
NO.	M1400(4)S		PLOTTED 02/24/86
SURVEYED BY	MOREAU		JAN. 1986
SHEET 5	OF 63 SHEETS		

SCALE 5 FEET

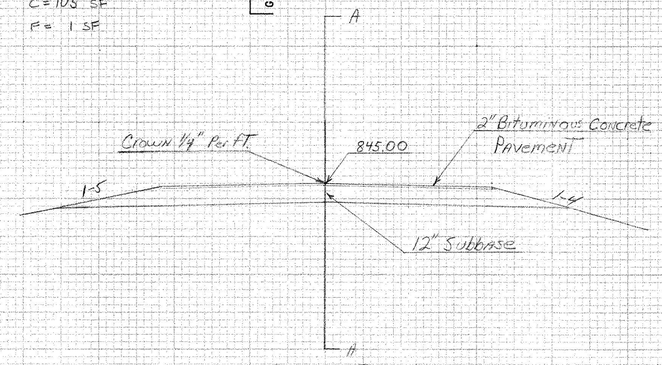


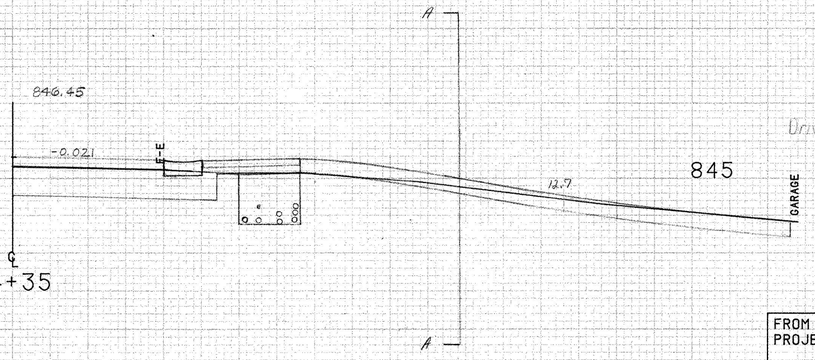


STA 104+57 RT.
Remove & Reset Marble Walk
As Directed by the Engineer
As Agreed to by the Property
Owner.
Payment Subsidiary to Common
Excavation.









SCALE 5 FEET

FROM STA.	104+35	TO STA.	104+70
PROJECT NAME	OLD BENNINGTON		[redacted]
NO.	M1400(4)S		PLOTTED 02/24/86
SURVEYED BY	MOREAU		JAN. 1986
SHEET 52 OF 68 SHEETS			

+14
18" M
Save (Use 1-3 to 1-4 fill slope)

850.99

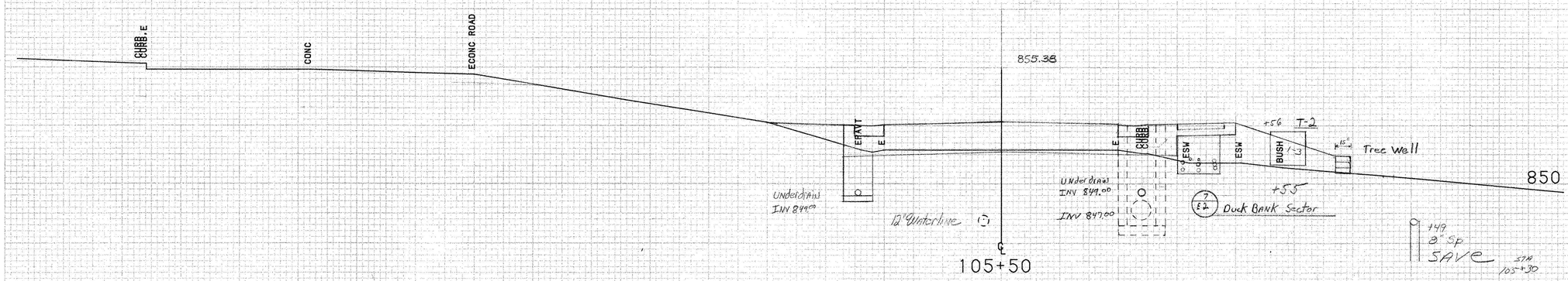
TSW
TSW.EPAVT
1-2
-0.021
-0.021
E
E
ESW.PAVT
ESW.PAVT
1-8
849.7
+22
C = 60 SF
F = 0 SF
844.85
INV 844.70
INV 844.44
12" waterline
845
105+00

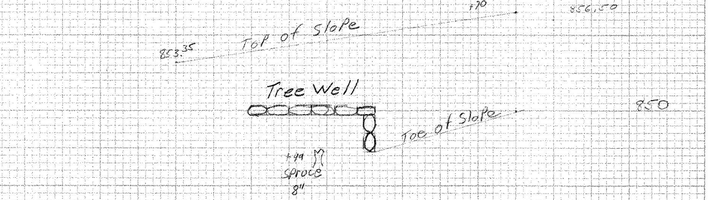
SILL.HO
+82
30" Chestnut
Save

849.52
TSW
TSW.EPAVT
1-2
-0.021
-0.021
E
E
ESW
ESW
1-8
SILL.OH
847.5
843.77
INV 843.05
INV 843.00
12" waterline
845
104+81

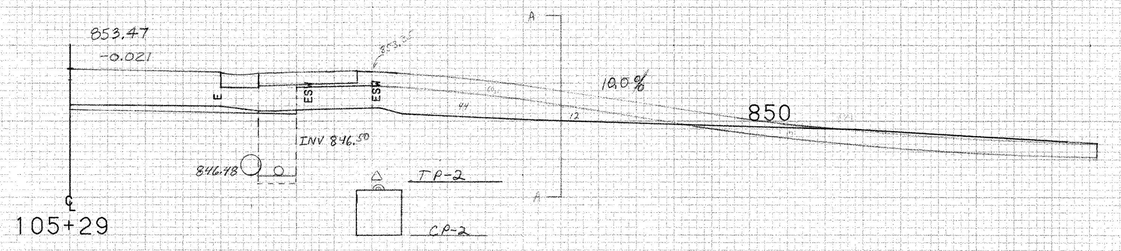
FROM STA.	104+81	TO STA.	105+00
PROJECT NAME	OLD BENNINGTON		[redacted]
NO.	M1400(4)S		PLOTTED 02/24/86
SURVEYED BY	MOREAU		JAN. 1986
SHEET 43 OF 63 SHEETS			

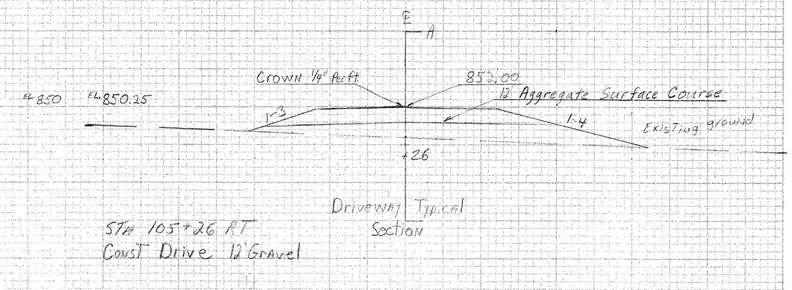
SCALE 5 FEET

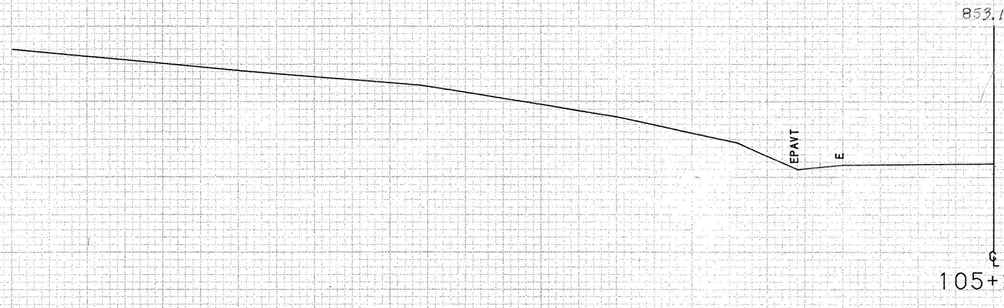








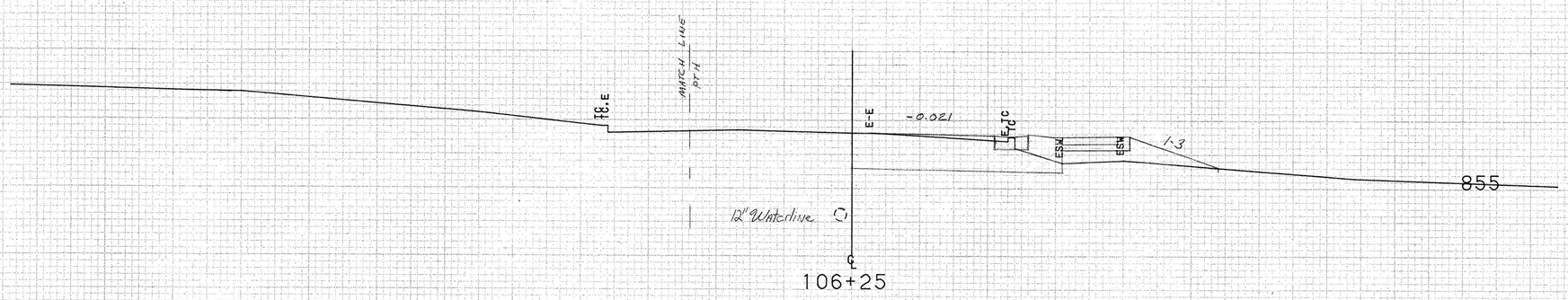


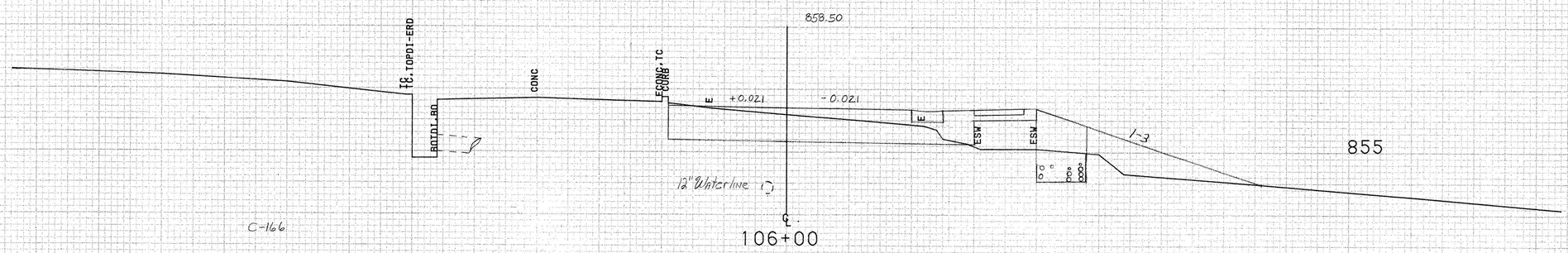


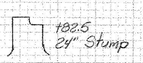
850

FROM STA.	105+25	TO STA.	105+50
PROJECT NAME	OLD BENNINGTON		[redacted]
NO.	M1400(4)S		PLOTTED 02/24/86
SURVEYED BY	MOREAU		JAN. 1986
SHEET 54 OF 63 SHEETS			

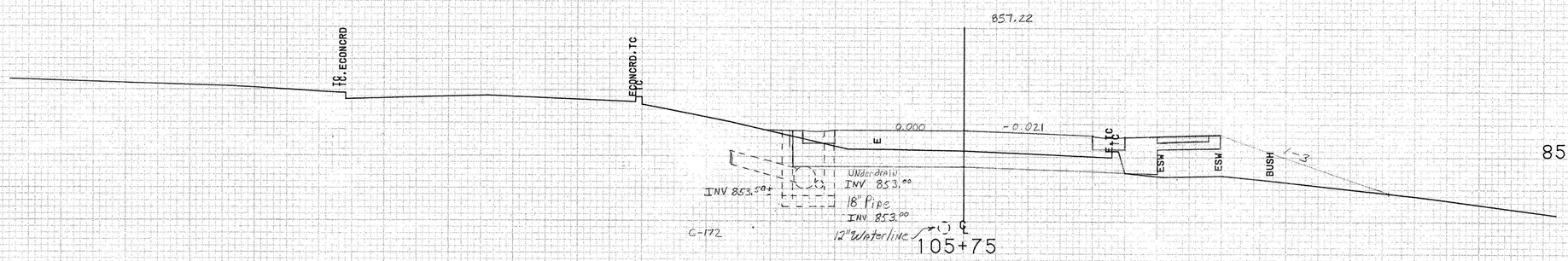
SCALE 5 FEET





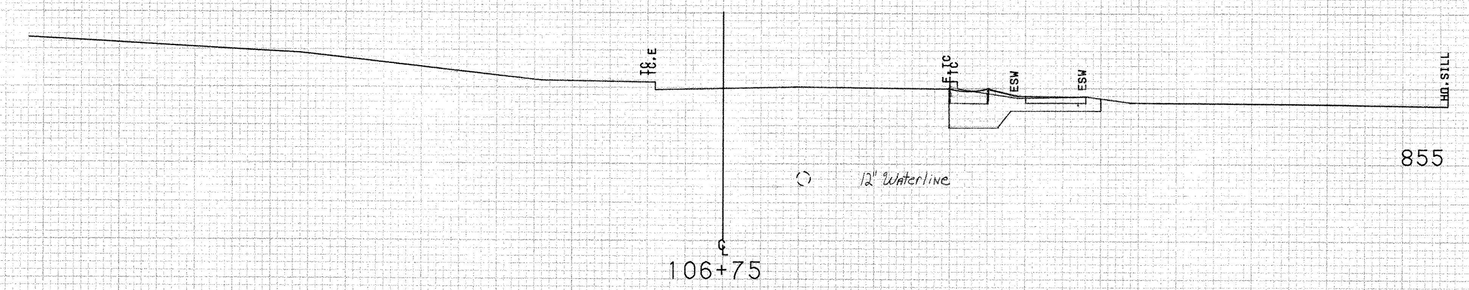


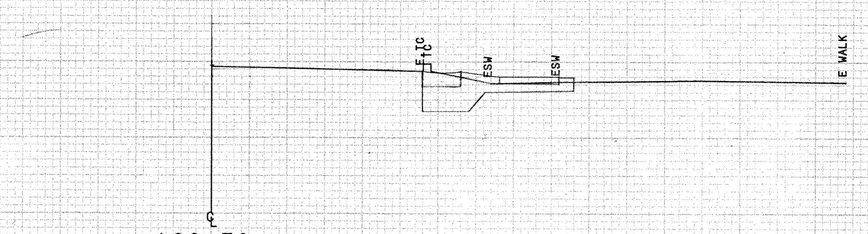


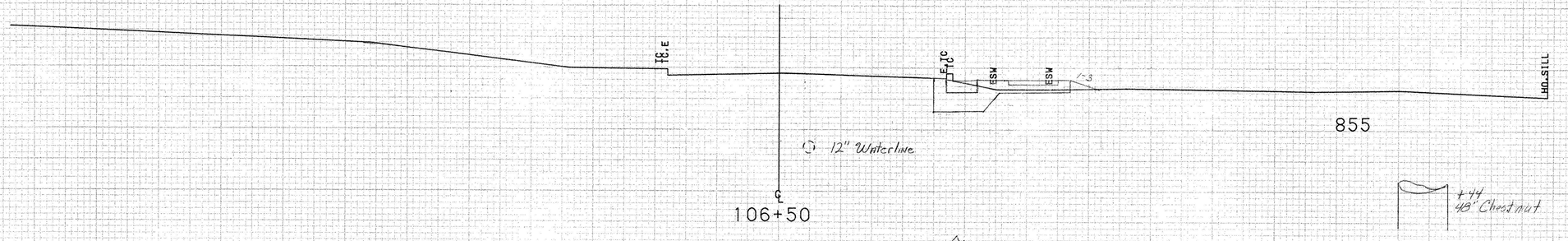


SCALE 5 FEET

FROM STA.	105+75	TO STA.	106+25
PROJECT NAME	OLD BENNINGTON		[redacted]
NO.	M1400(4)S		PLOTTED 02/24/86
SURVEYED BY	MOREAU		JAN. 1986
SHEET 55 OF 63 SHEETS			





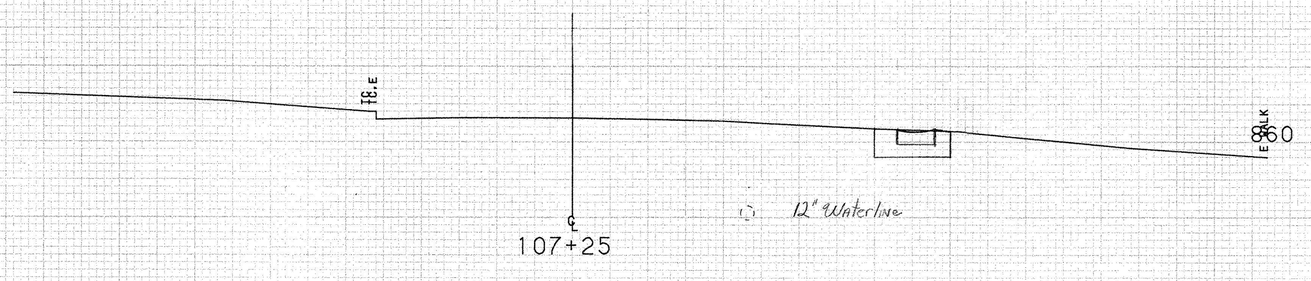


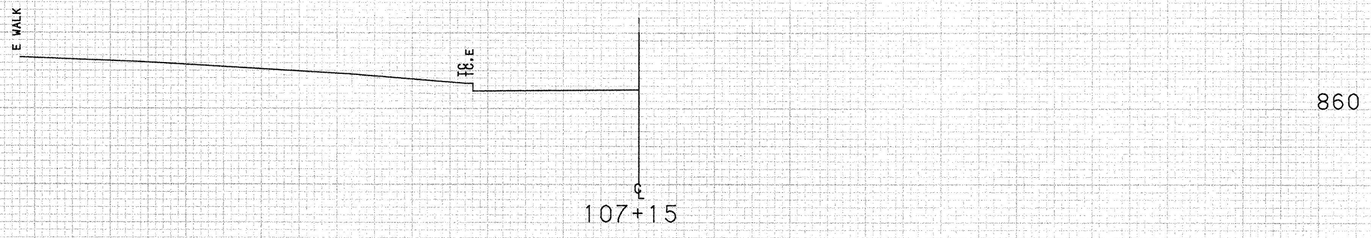
+38.5
#15

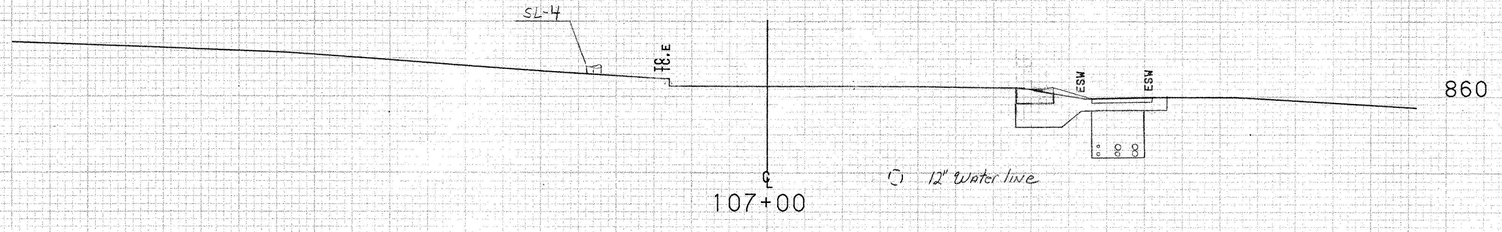
+44
48" Chestnut

FROM STA.	106+50	TO STA.	106+75
PROJECT NAME	OLD BENNINGTON		[redacted]
NO.	M1400(4)S		PLOTTED 02/24/86
SURVEYED BY	MOREAU		JAN. 1986
SHEET 56 OF 63	SHEETS		

SCALE 5 FEET

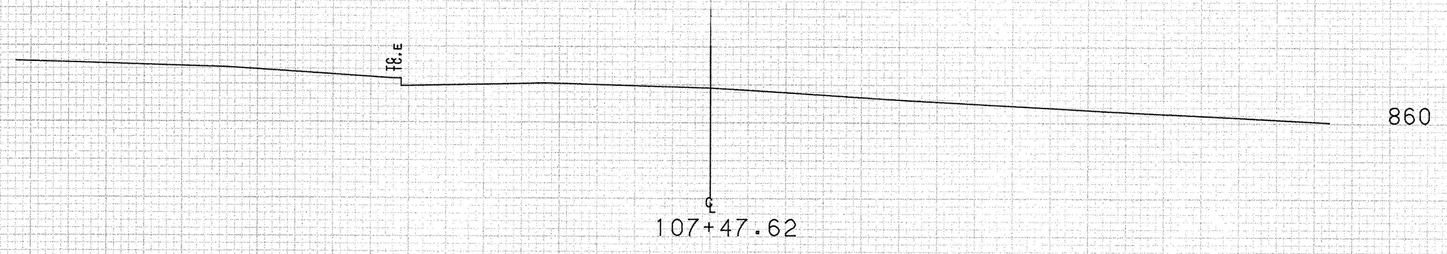




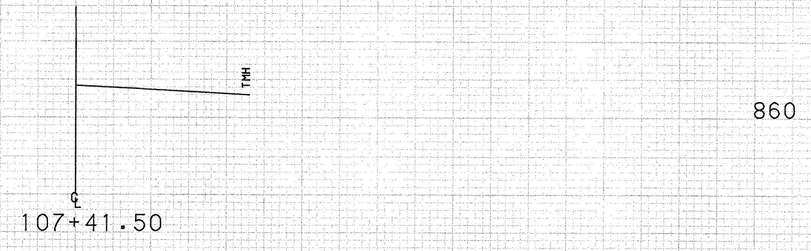


SCALE 5 FEET

FROM STA.	107+00	TO STA.	107+25
PROJECT NAME	OLD BENNINGTON		[redacted]
NO.	M1400(4)S		PLOTTED 02/24/86
SURVEYED BY	MOREAU		JAN.1986
SHEET 57 OF 63 SHEETS			

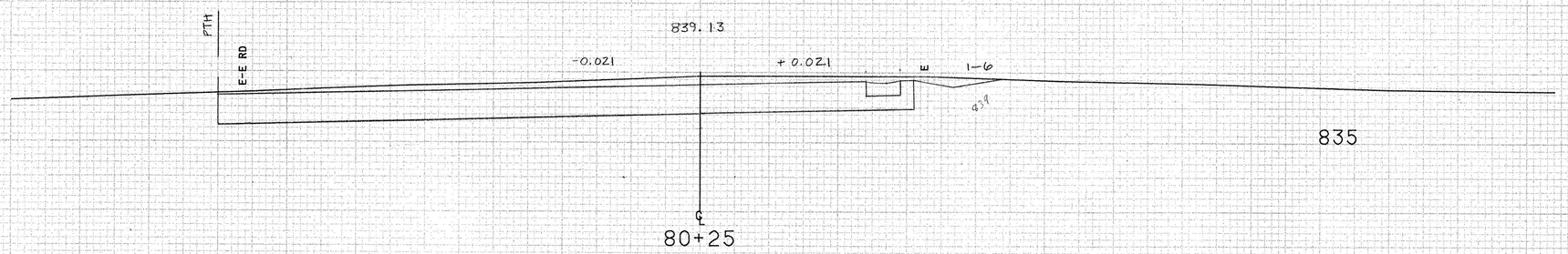


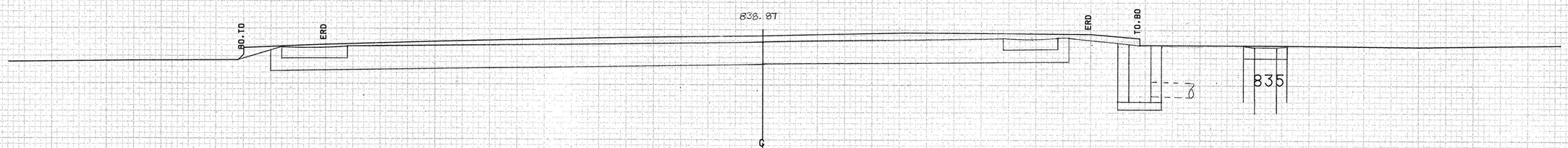
Match New Gutter & Sidewalk To Existing
@ 107+45 Rt. (Monument Ave.)



SCALE 5 FEET

FROM STA.	107+41.50	TO STA.	107+47.62
PROJECT NAME	OLD BENNINGTON		[redacted]
NO.	M1400(4)S		PLOTTED 02/24/86
SURVEYED BY	MOREAU		JAN. 1986
SHEET	38 OF 63	SHEETS	





80+15 - ASKEW 68°-15' LT
8" CGMP - REMOVE

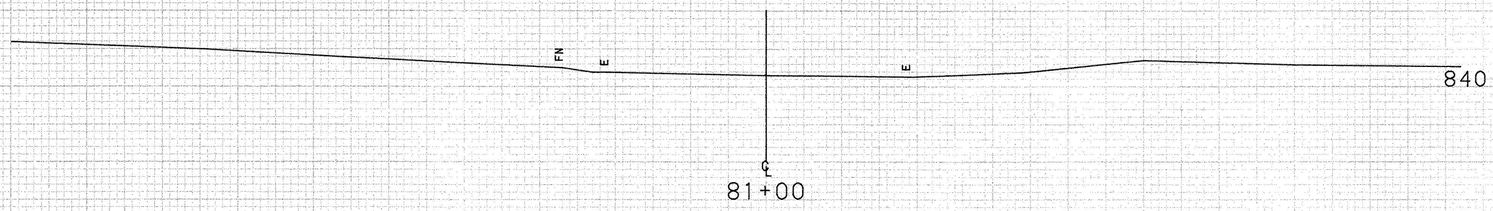
REV. M1 POT 99+96.31 @ 10' LT =
FAIRVEIW ST. 80+09.07
BEGIN CONSTRUCTION

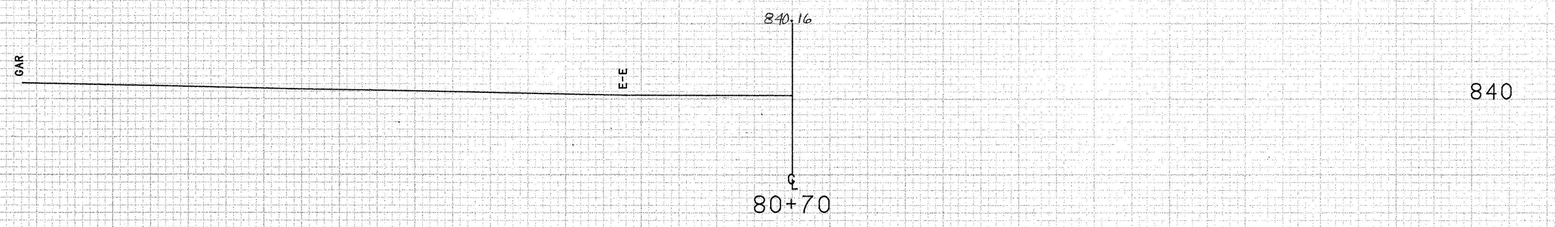
835

℄
80+00

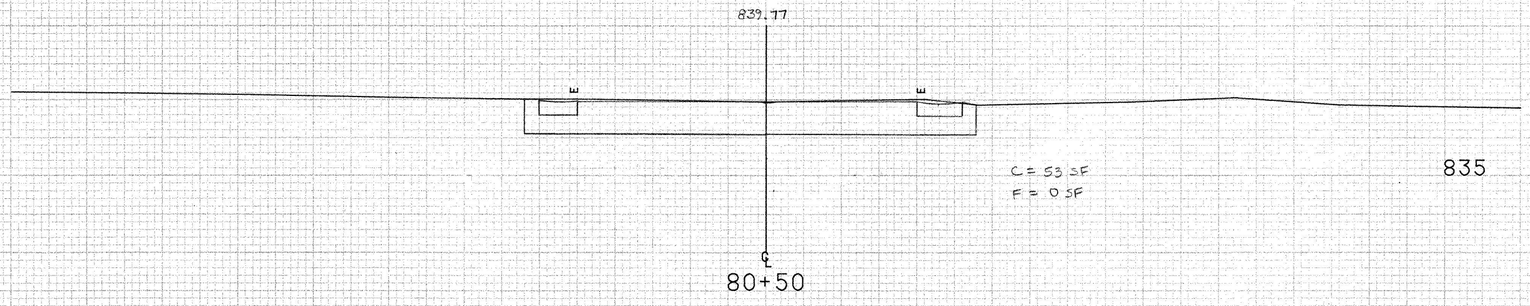
SCALE 5 FEET

FROM STA.	80+00	TO STA.	80+25
PROJECT NAME	OLD BENNINGTON	FAIRVIEW ST	
NO.	M1400(4)S	PLOTTED	02/24/86
SURVEYED BY	MOREAU	JAN. 1986	
SHEET 59 OF 63 SHEETS			



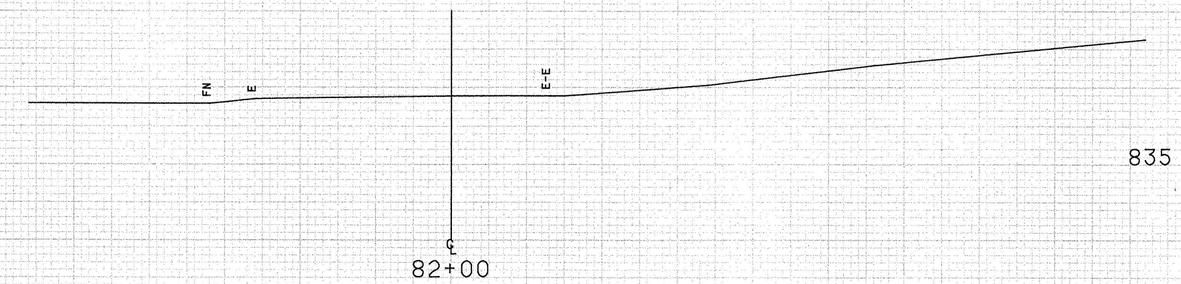


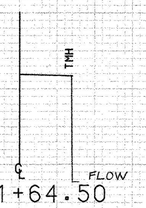
80+55
END FAIRVIEW ST. CONSTRUCTION



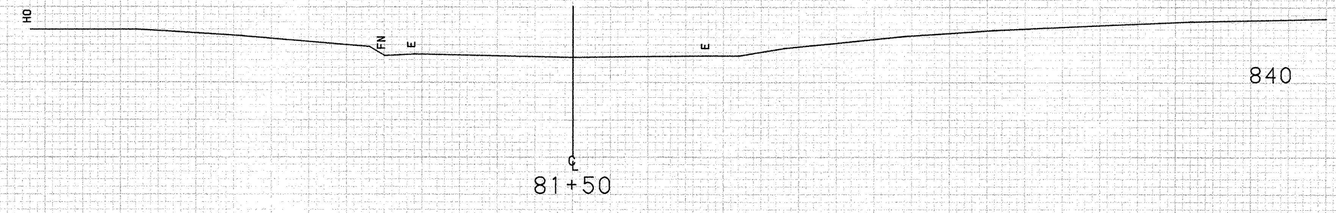
FROM STA.	80+50	TO STA.	81+00
PROJECT NAME	OLD BENNINGTON		FAIRVIEW ST
NO.	M1400(4)S		PLOTTED 02/24/86
SURVEYED BY	MOREAU		JAN. 1986
SHEET 40 OF 63	SHEETS		

SCALE 5 FEET





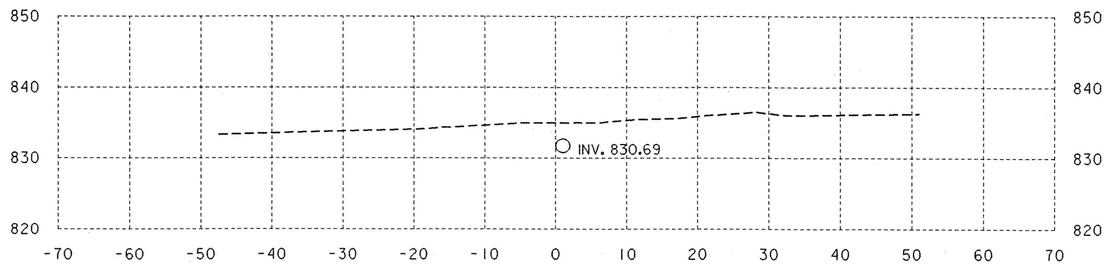
840



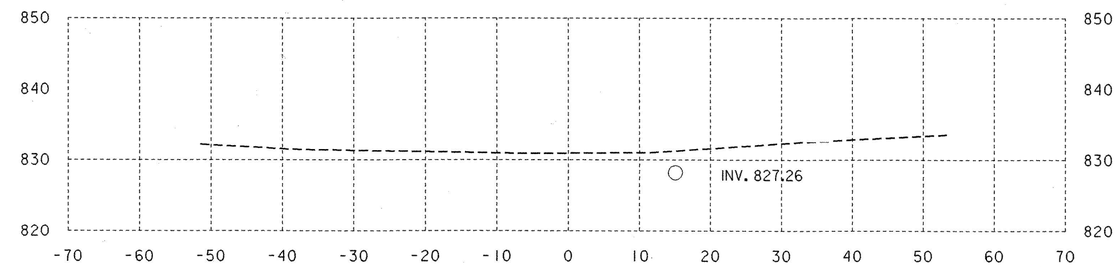
840

SCALE 5 FEET

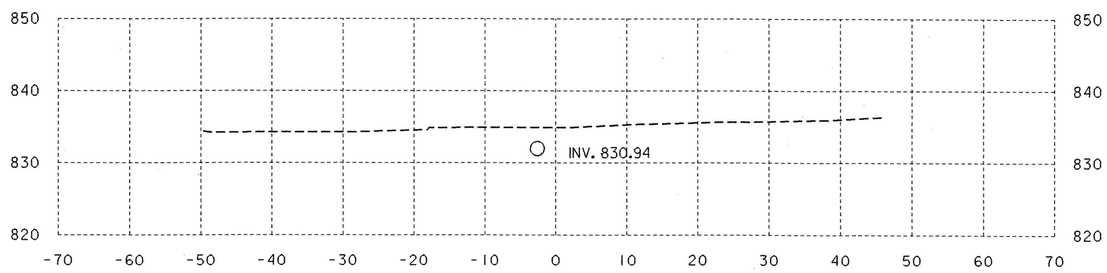
FROM STA.	81+50	TO STA.	82+00
PROJECT NAME	OLD BENNINGTON		FAIRVIEW ST
NO.	M1400(4)S		PLOTTED 02/24/86
SURVEYED BY	MOREAU		JAN.1986
SHEET 6/ OF 63	SHEETS		



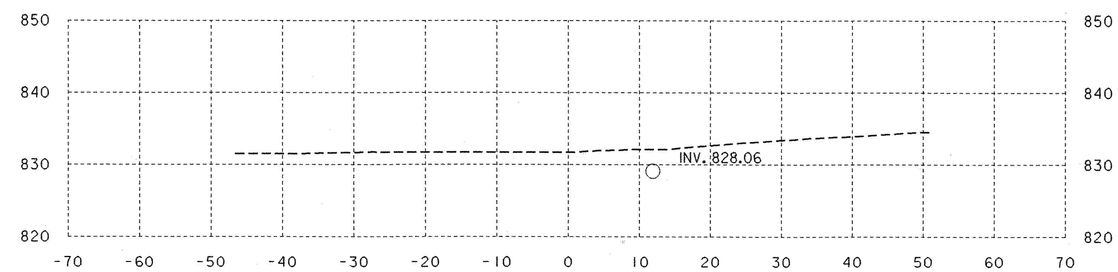
11+50



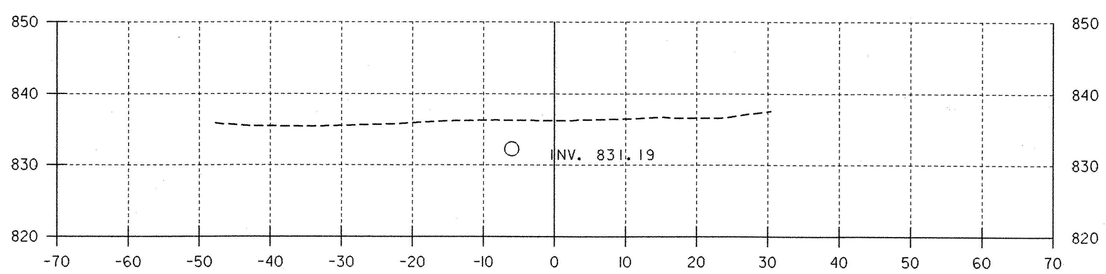
13+00



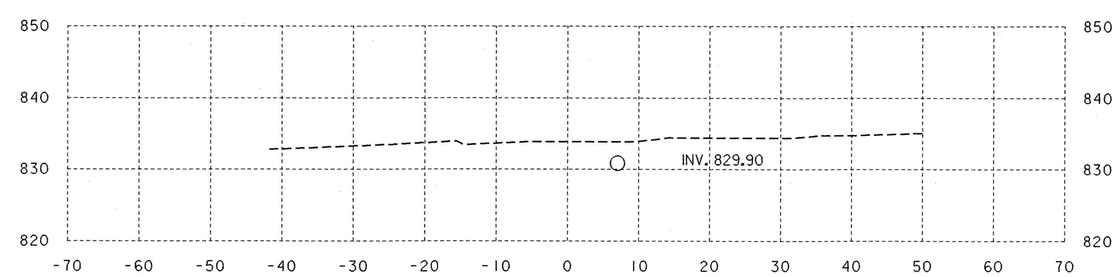
11+00



12+50



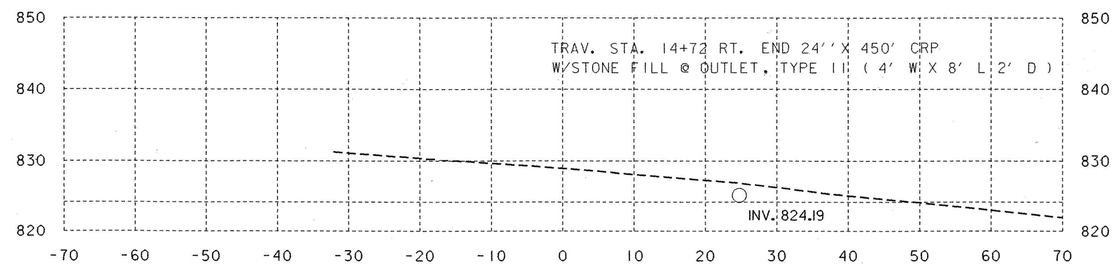
10+50



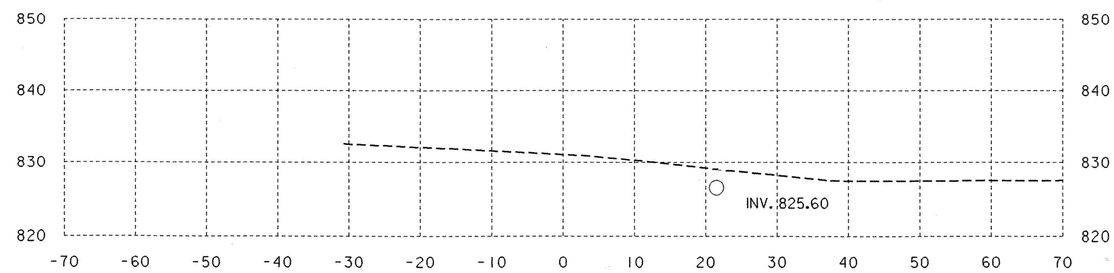
12+00

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

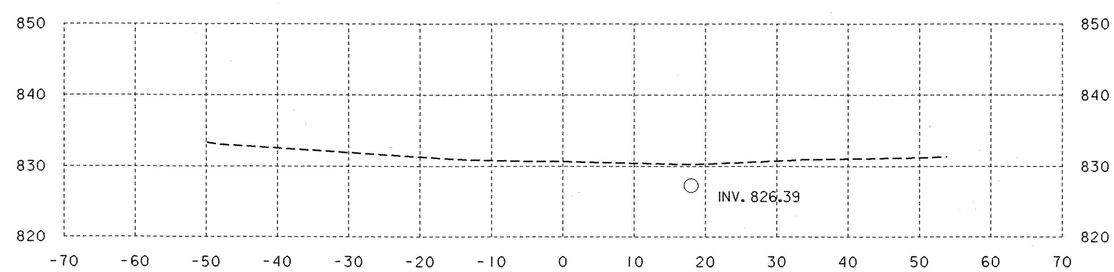
SURVEYED BY _____ DATE _____
DRAWN BY A. JONES DATE 6/22/94
SQUAD LEADER S. MENARD
DESIGN FILE NO. /usr/sqdc/84d714/dd7143d.dgn
IPARM FILE dd714xsl DATE PLOTTED 28-APR-1999
PROJ. NAME OLD BENNINGTON
PROJ. NO. M 1400 (4) S
SHEET 62 OF 63 SHEETS



14+50



14+00



13+50

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A

SURVEYED BY _____ DATE _____
DRAWN BY A. JONES DATE 6/22/94
SQUAD LEADER S. MENARD
DESIGN FILE NO. /usr/sqdc/84d714/dd7143d.dgn
IPARM FILE dd714xs2 DATE PLOTTED 28-APR-1999
PROJ. NAME OLD BENNINGTON
PROJ. NO. M 1400 (4) S
SHEET 63 OF 63 SHEETS

: Sheet Number: 63