

STATE OF VERMONT  
AGENCY OF TRANSPORTATION

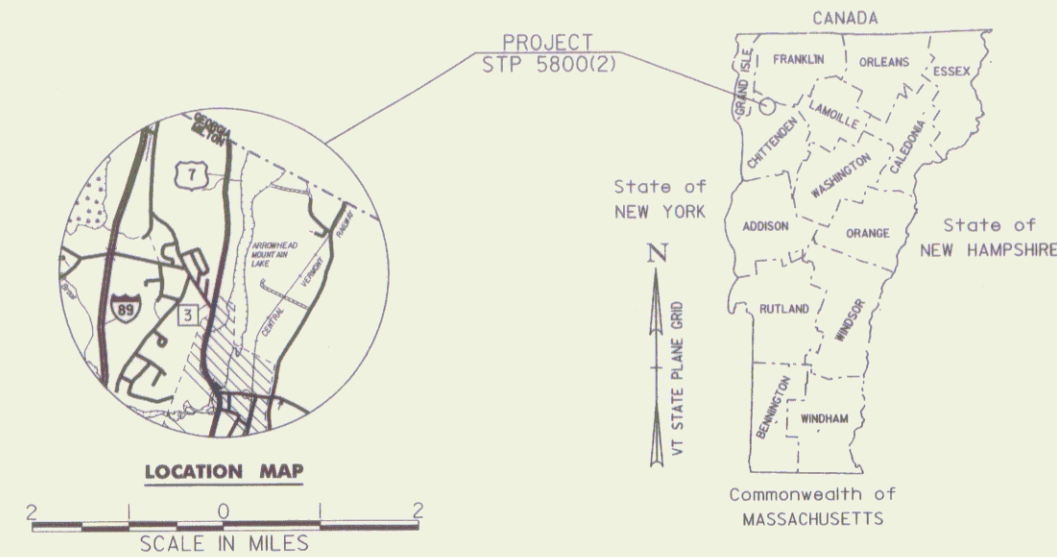


PROPOSED IMPROVEMENT  
**TOWN OF MILTON**  
COUNTY OF CHITTENDEN  
**US ROUTE 7 - MINOR ARTERIAL**

R.O.W. PLANS

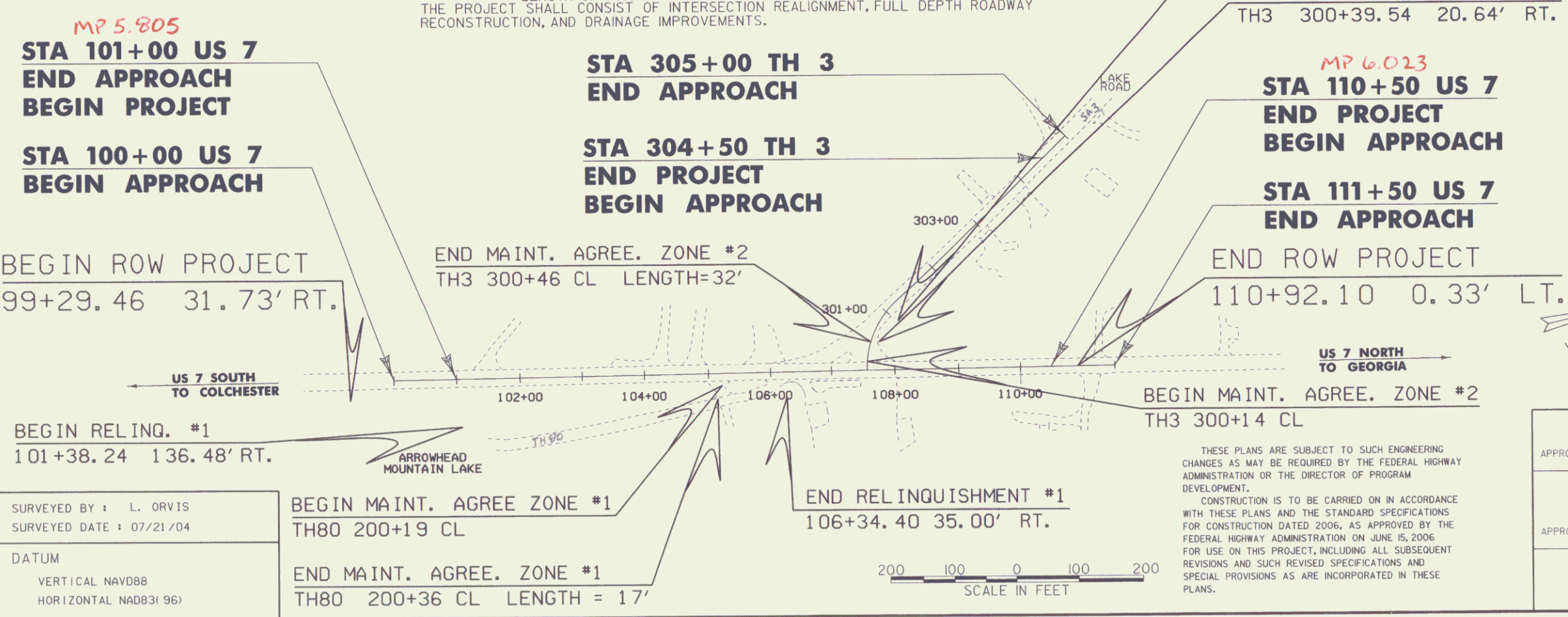
INDEX OF R.O.W. SHEETS	
1	TITLE SHEET
2-4	TYPICAL SECTION SHEETS
5-8	PROFILE SHEETS
9	TIE SHEET
10-13	DRAINAGE LAYOUT SHEETS
14-17	EPSC LAYOUT SHEETS
18-21	LANDSCAPE LAYOUT SHEETS
22-24	DETAIL SHEETS
25-28	R.O.W. LAYOUT SHEETS

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES P/L ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.



BEGINNING AT A POINT APPROXIMATELY 5.805 MILES NORTH OF THE COLCHESTER/MILTON TOWN LINE AT APPROXIMATE MILE MARKER 5.805 AND EXTENDING NORTHERLY 0.218 MILES TO APPROXIMATE MILE MARKER 6.023. WORK SHALL ALSO EXTEND WESTERLY 0.091 MILES ON TOWN HIGHWAY #3.

LENGTH OF ROADWAY: 1632 FEET = 0.309 MILES  
LENGTH OF PROJECT: 1632 FEET = 0.309 MILES  
LENGTH OF R.O.W. PROJECT: 1163 FEET = 0.220 MILES  
THE PROJECT SHALL CONSIST OF INTERSECTION REALIGNMENT, FULL DEPTH ROADWAY RECONSTRUCTION, AND DRAINAGE IMPROVEMENTS.



**CONVENTIONAL SYMBOLS**

COUNTY LINE	———
TOWN LINE	———
LIMITS OF ACCESS	○—○
POINT OF ACCESS	X
FENCE LINE	X—X—X—X—
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	SR
TOP OF CUT	△
TOE OF SLOPE	○

SURVEYED BY : L. ORVIS  
SURVEYED DATE : 07/21/04

DATUM  
VERTICAL NAVD88  
HORIZONTAL NAD83(96)

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.  
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED: *Robert St. Jean* DATE 1-29-10  
Director of Program Development

APPROVED: *Harry Peters*  
*for Bob White* DATE 1-29-10  
Chief of Right of Way

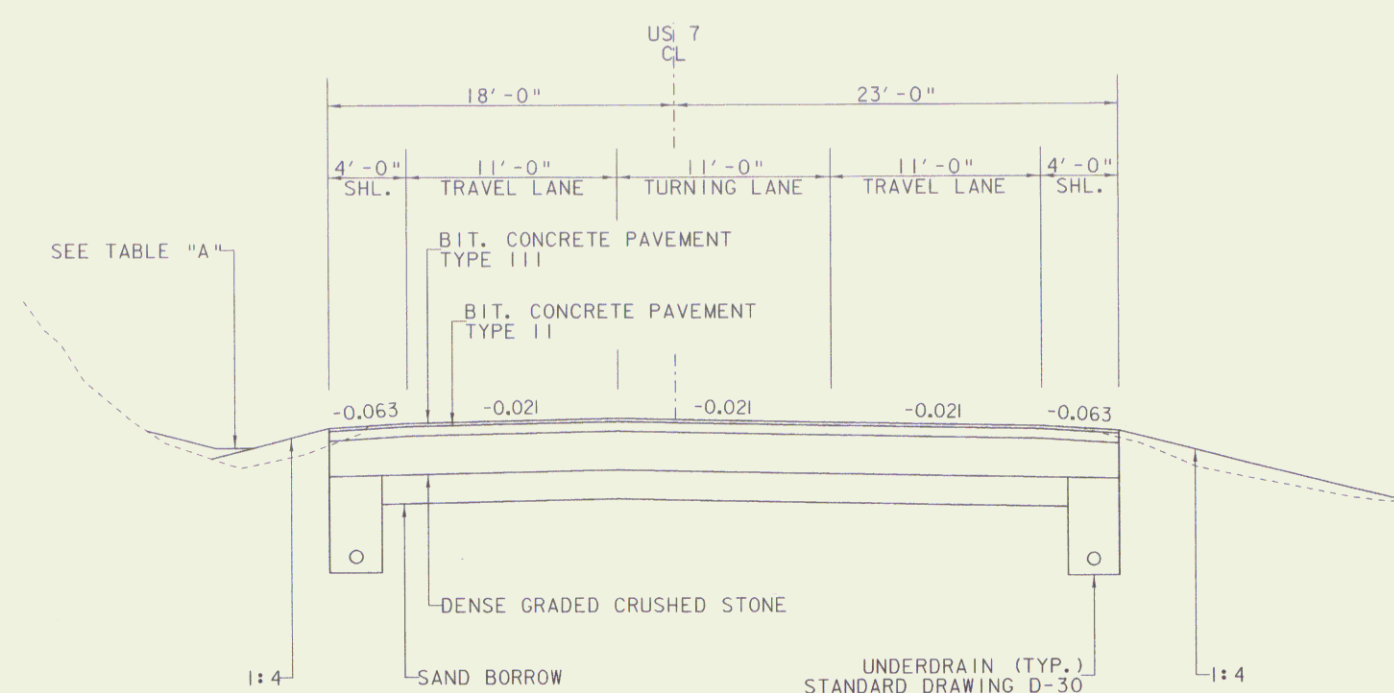
MILTON  
STP 5800(2)  
R.O.W. SHEET 1 OF 28 SHEETS

**US ROUTE 7  
TYPICAL SECTIONS**

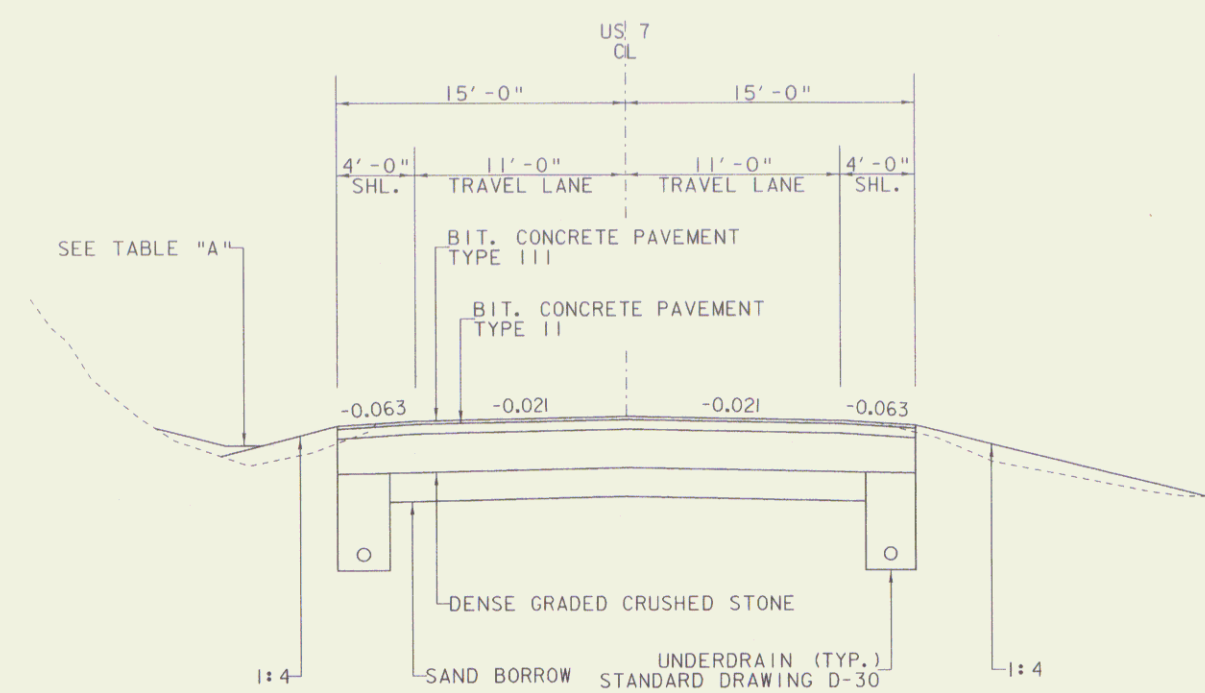
NOT TO SCALE

2" TYPE III MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-28) (2 - 1" PAVEMENT LIFTS)  
6" TYPE II MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-28) (2 - 3" PAVEMENT LIFTS)  
24" DENSE GRADED CRUSHED STONE FOR SUBBASE  
18" SAND BORROW

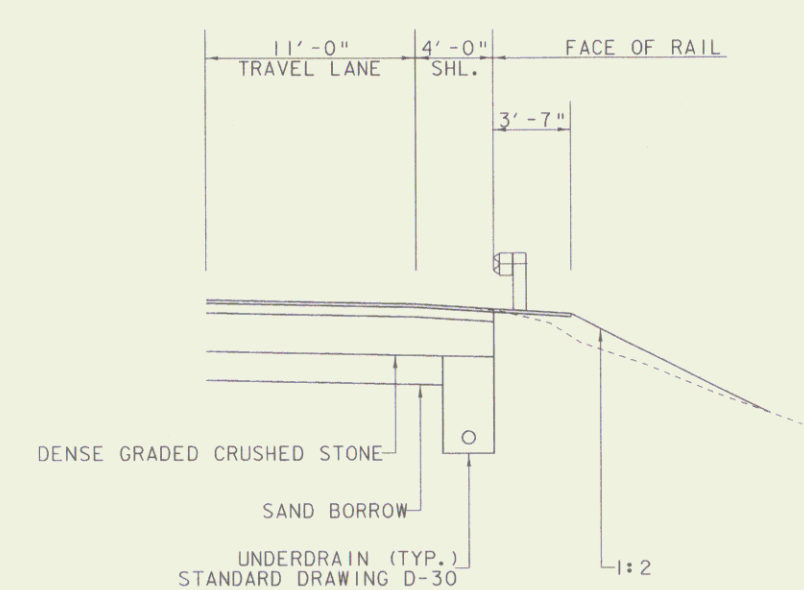
MATERIAL TOLERANCES	
PAVEMENT (TOTAL DEPTH):	+/- 1/4 in
SUBBASE:	+/- 1 in
SAND:	+/- 1 in



**3 - LANE TYPICAL SECTION  
US ROUTE 7**



**2 - LANE TYPICAL SECTION  
US ROUTE 7**



**GUARDRAIL TYPICAL SECTION  
US ROUTE 7**

GRASS CHANNEL TABLE "A"				
STATIONS	FORESLOPE	WIDTH (FT)	DEPTH (FT)	BACKSLOPE
100+50.00 - 102+60.00, LT	1:4	2	1.05	1:4
101+16.00 - 102+87.00, RT	1:2	4	2	1:2
103+47.00 - 104+04.00, LT	1:4	2	1	1:4
105+02.00 - 105+68.00, LT	1:4	2	1	1:4
108+42.00 - 111+00.00, LT	1:4	2	1	1:2

CLEAR ZONE TABLE	
APPROACH	DISTANCE (FT)
US ROUTE 7 3-LANE TYPICAL SECTION	16*
US ROUTE 7 2-LANE TYPICAL SECTION	16*
US ROUTE 7 GUARDRAIL TYPICAL SECTION	5**

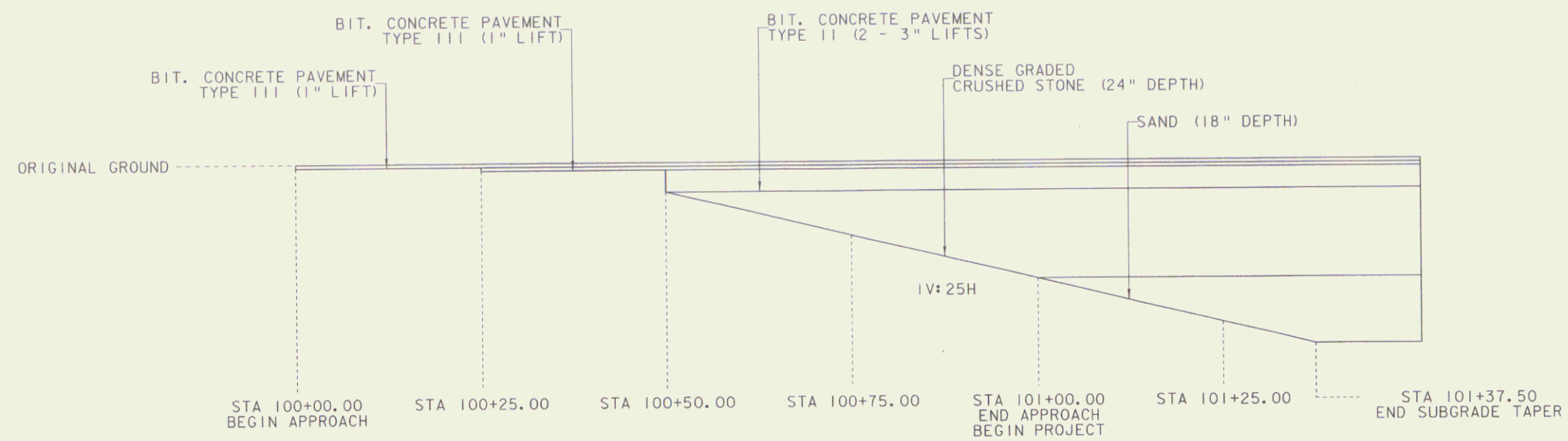
\* DISTANCE MEASURED FROM EDGE OF TRAVELED LANE  
\*\* DISTANCE MEASURED FROM THE FACE OF GUARDRAIL

PROJECT NAME:	MILTON
PROJECT NUMBER:	STP 5800 (2)
FILE NAME:	92d289\ROW\92d289typ1
PROJECT LEADER:	J. SCHULTZ
DESIGNED BY:	D. LYMAN
PLOT DATE:	29-JAN-2010
DRAWN BY:	J. DEVLIN
CHECKED BY:	J. DEVLIN
R.O.W. SHEET:	2 OF 28

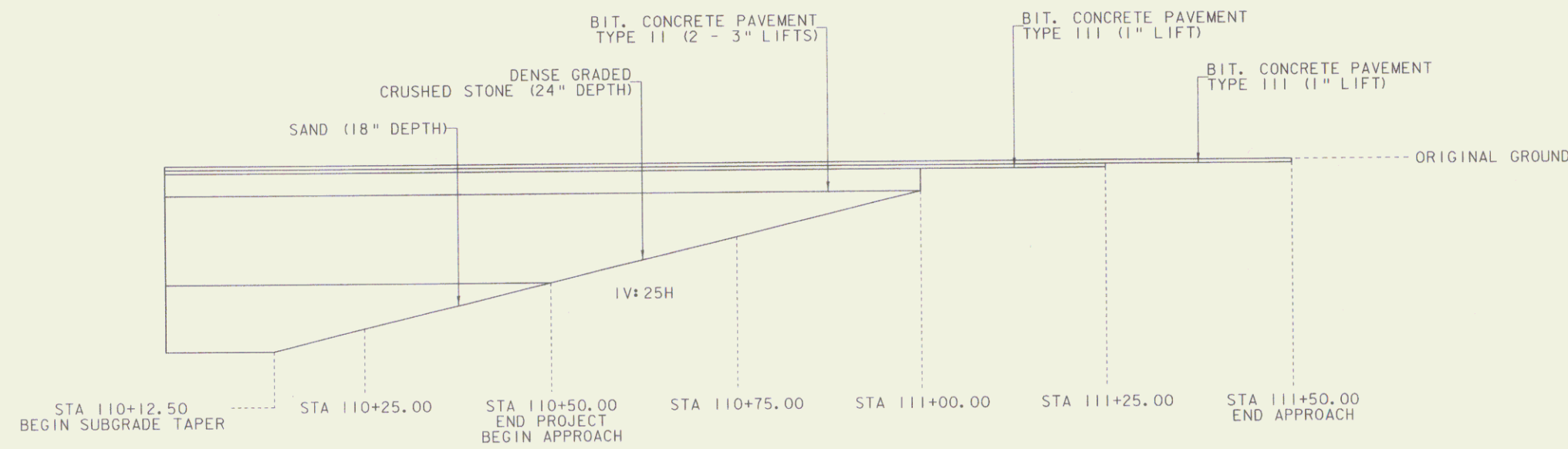
**US ROUTE 7  
TYPICAL SECTIONS**  
NOT TO SCALE

2" TYPE III MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-28) (2 - 1" PAVEMENT LIFTS)  
6" TYPE II MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-28) (2 - 3" PAVEMENT LIFTS)  
24" DENSE GRADED CRUSHED STONE FOR SUBBASE  
18" SAND BORROW

MATERIAL TOLERANCES	
PAVEMENT (TOTAL DEPTH):	+/- 1/4 in
SUBBASE:	+/- 1 in
SAND:	+/- 1 in



**US ROUTE 7  
BEGIN PROJECT MATERIAL TRANSITION DETAIL**



**US ROUTE 7  
END PROJECT MATERIAL TRANSITION DETAIL**

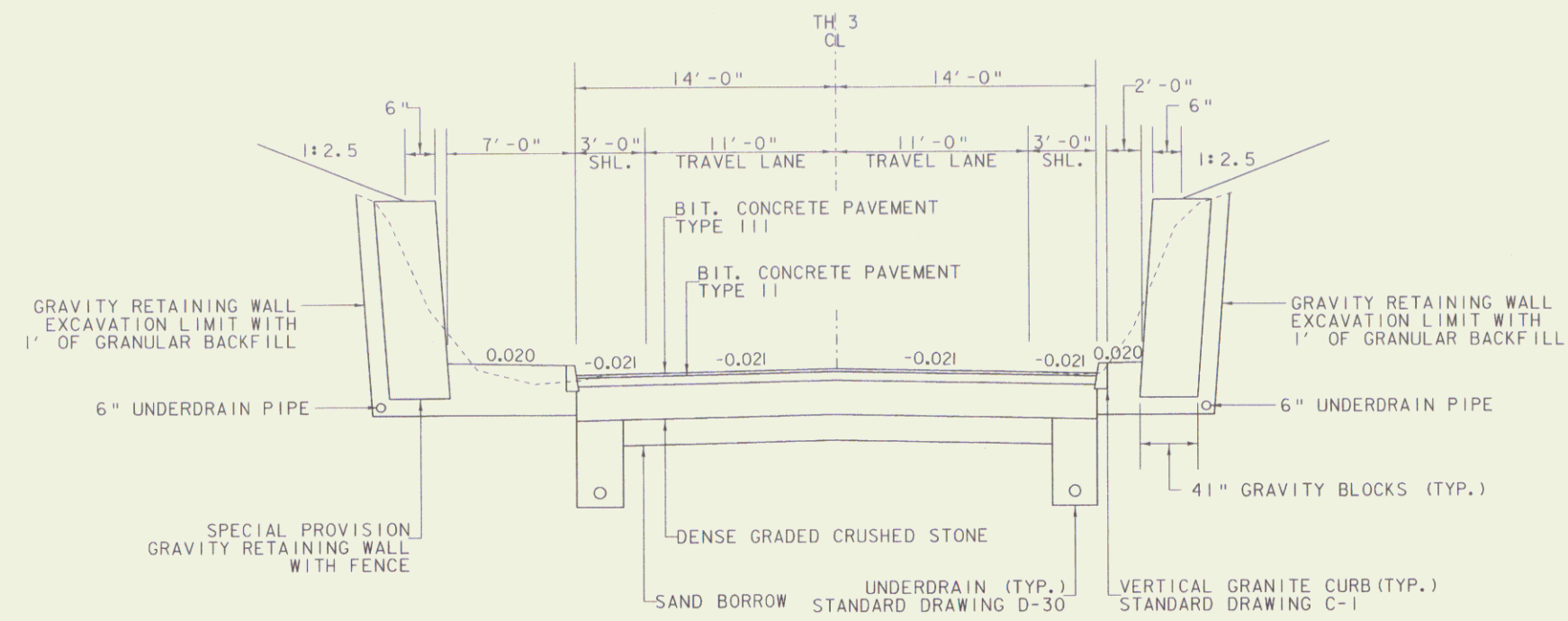
PROJECT NAME:	MILTON
PROJECT NUMBER:	STP 5800 (2)
FILE NAME:	92d289\ROW\92d289+yp2.j
PROJECT LEADER:	J. SCHULTZ
DESIGNED BY:	D. LYMAN
PLOT DATE:	29-JAN-2010
DRAWN BY:	J. DEVLIN
CHECKED BY:	J. DEVLIN
R.O.W. SHEET	3 OF 28

**TH 3 - LAKE ROAD  
TYPICAL SECTIONS**

NOT TO SCALE

1.5" TYPE III MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-28) (1 - 1.5" PAVEMENT LIFT)  
2.5" TYPE II MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT (PG 58-28) (1 - 2.5" PAVEMENT LIFT)  
24" DENSE GRADED CRUSHED STONE FOR SUBBASE  
12" SAND BORROW

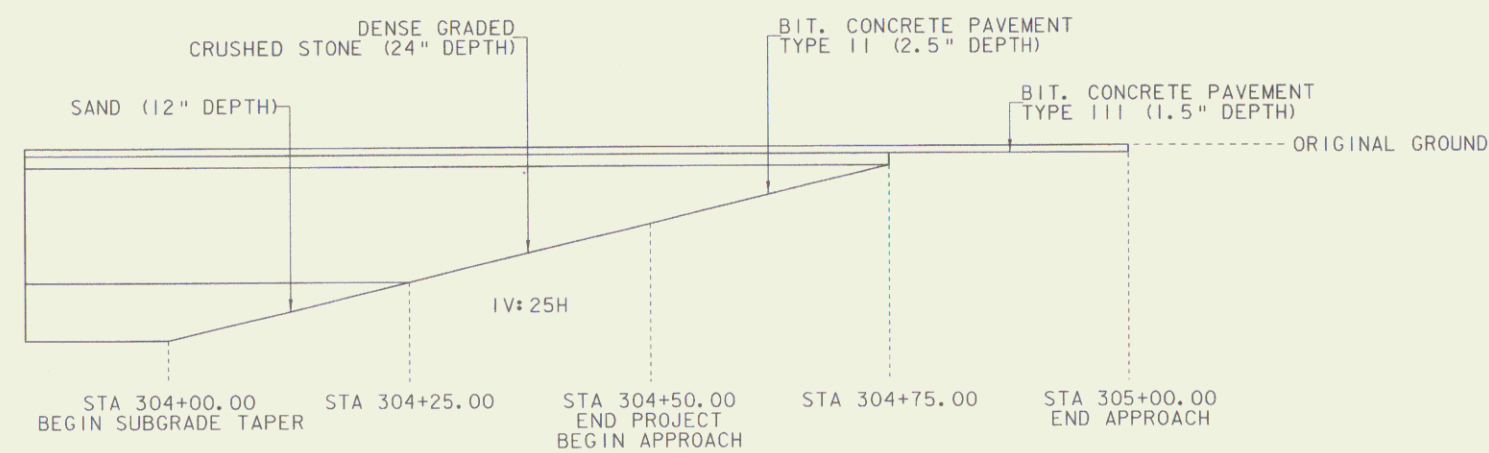
MATERIAL TOLERANCES	
PAVEMENT (TOTAL DEPTH):	+/- 1/4 in
SUBBASE:	+/- 1 in
SAND:	+/- 1 in



CLEAR ZONE TABLE	
APPROACH	DISTANCE (FT)
TH 2 - CURBED TYPICAL SECTION	1.5*
TH 2 - UNCURBED TYPICAL SECTION	16**

\* DISTANCE MEASURED FROM THE FACE OF CURB  
\*\* DISTANCE MEASURED FROM THE EDGE OF TRAVELED LANE

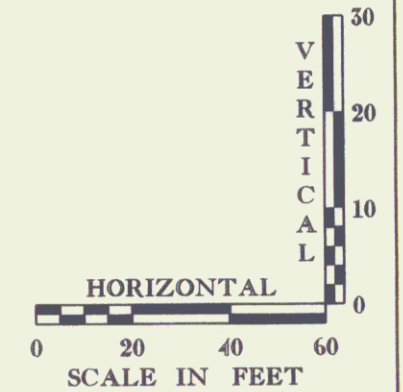
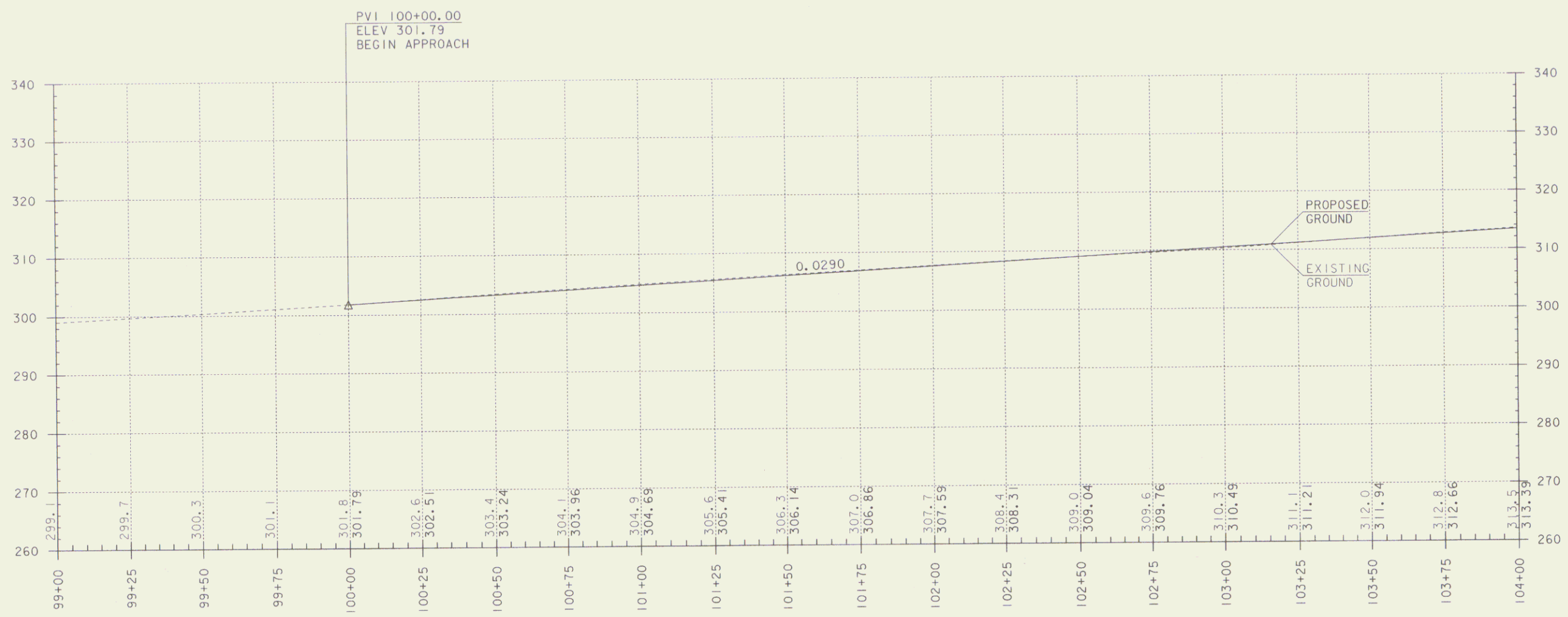
**2 - LANE TYPICAL SECTION  
TH 3 - LAKE ROAD**



**TH 3 - LAKE ROAD  
END PROJECT MATERIAL TRANSITION DETAIL**

PROJECT NAME:	MILTON
PROJECT NUMBER:	STP 5800 (2)
FILE NAME:	92d289\ROW\92d289typ3.1
PROJECT LEADER:	J. SCHULTZ
DESIGNED BY:	D. LYMAN
PLOT DATE:	29-JAN-2010
DRAWN BY:	J. DEVLIN
CHECKED BY:	J. DEVLIN
R.O.W. SHEET:	4 OF 28

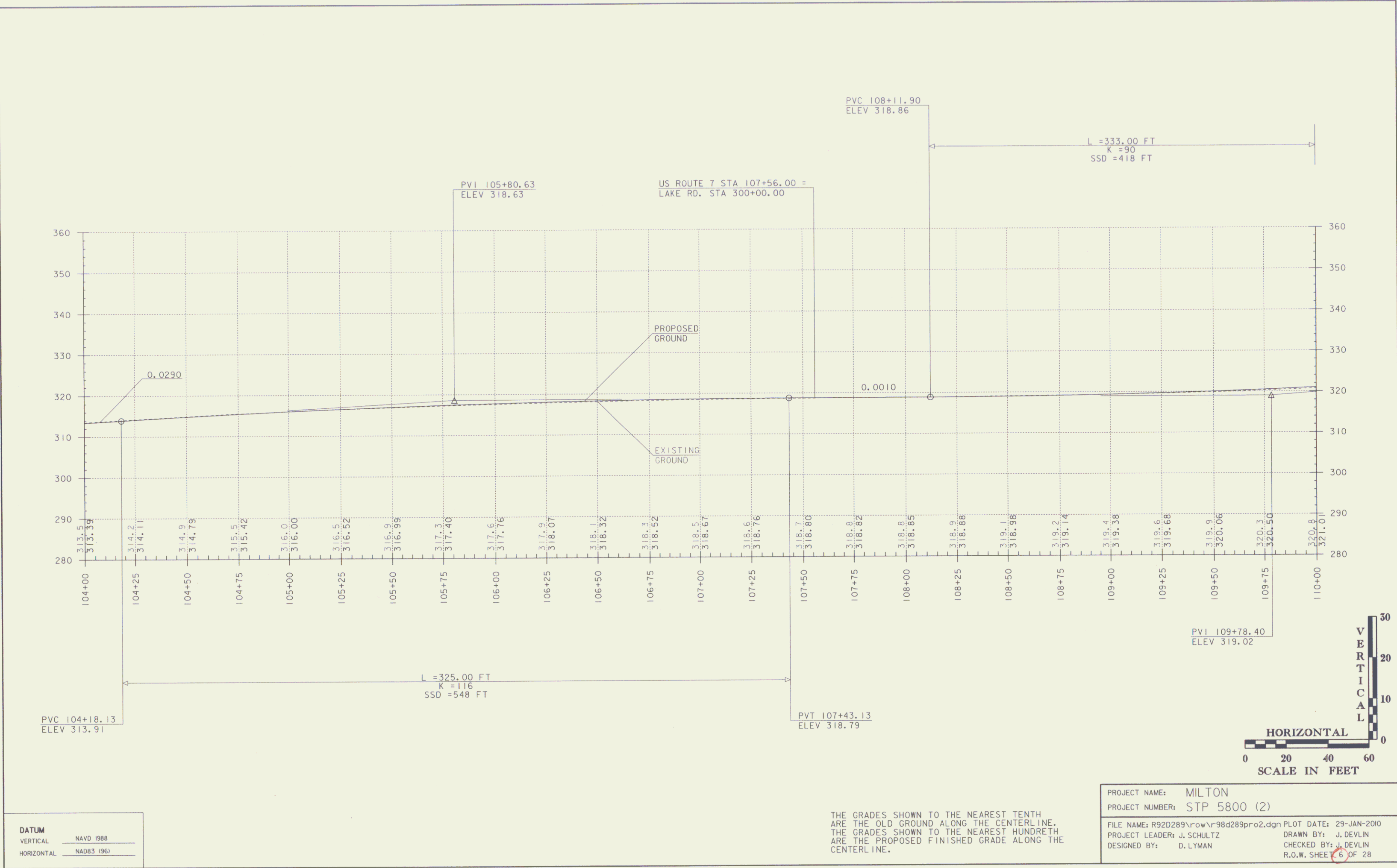
**DATUM**  
 VERTICAL NAVD 1988  
 HORIZONTAL NAD83 1961



THE GRADES SHOWN TO THE NEAREST TENTH ARE THE OLD GROUND ALONG THE CENTERLINE. THE GRADES SHOWN TO THE NEAREST HUNDRETH ARE THE PROPOSED FINISHED GRADE ALONG THE CENTERLINE.

PROJECT NAME: MILTON  
 PROJECT NUMBER: STP 5800 (2)  
 FILE NAME: r92d289\ROW\r92d289pr.ol.dgn  
 PROJECT LEADER: J. SCHULTZ  
 DESIGNED BY: D. LYMAN  
 R.O.W. SHEET 5 OF \*  
 PLOT DATE: 29-JAN-2010  
 DRAWN BY: J. DEVLIN  
 CHECKED BY: J. DEVLIN  
 R.O.W. SHEET 5 OF 28

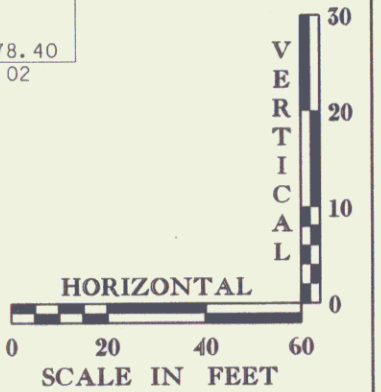
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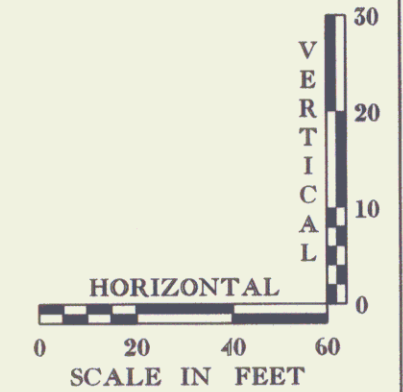
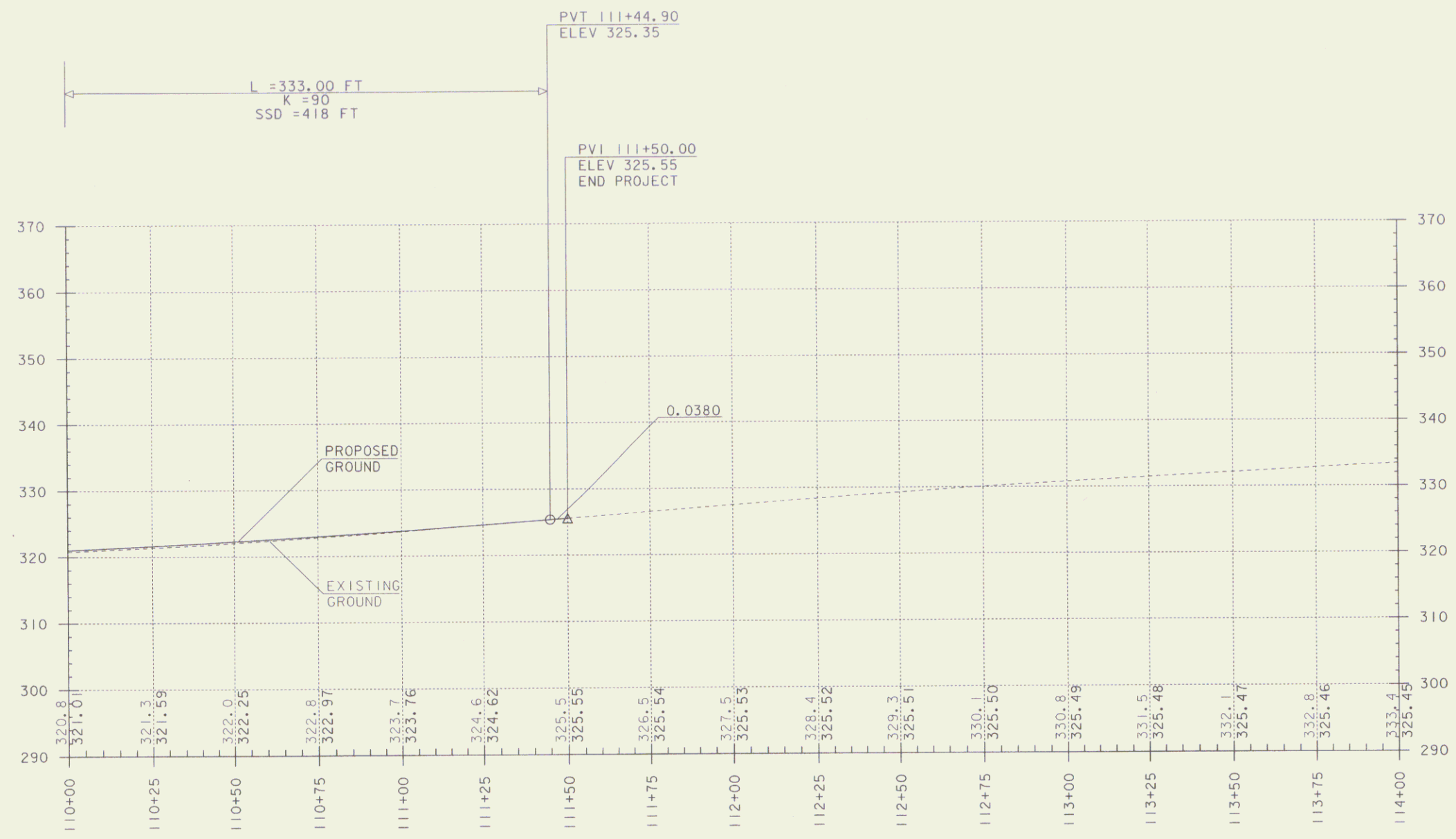


**DATUM**  
 VERTICAL: NAVD 1988  
 HORIZONTAL: NAD83 (96)

THE GRADES SHOWN TO THE NEAREST TENTH ARE THE OLD GROUND ALONG THE CENTERLINE. THE GRADES SHOWN TO THE NEAREST HUNDRETH ARE THE PROPOSED FINISHED GRADE ALONG THE CENTERLINE.

PROJECT NAME: MILTON  
 PROJECT NUMBER: STP 5800 (2)  
 FILE NAME: R92D289\row\r98d289pro2.dgn PLOT DATE: 29-JAN-2010  
 PROJECT LEADER: J. SCHULTZ DRAWN BY: J. DEVLIN  
 DESIGNED BY: D. LYMAN CHECKED BY: J. DEVLIN  
 R.O.W. SHEET 6 OF 28

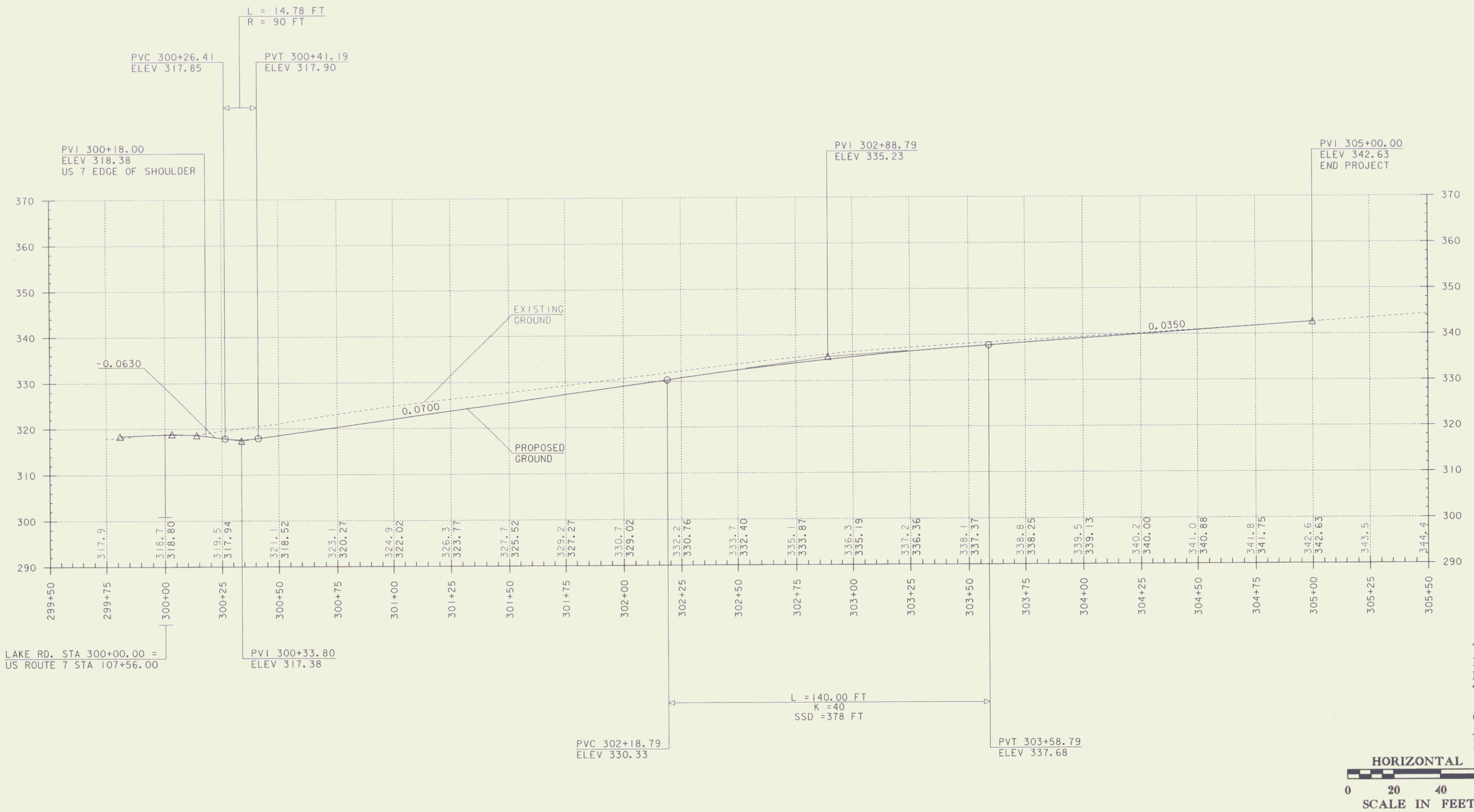




**DATUM**  
 VERTICAL NAVD 1988  
 HORIZONTAL NAD83 1961

THE GRADES SHOWN TO THE NEAREST TENTH ARE THE OLD GROUND ALONG THE CENTERLINE. THE GRADES SHOWN TO THE NEAREST HUNDRETH ARE THE PROPOSED FINISHED GRADE ALONG THE CENTERLINE.

PROJECT NAME: MILTON  
 PROJECT NUMBER: STP 5800 (2)  
 FILE NAME: F:\92d289\ROW\92d289pro3.dgn PLOT DATE: 29-JAN-2010  
 PROJECT LEADER: J. SCHULTZ DRAWN BY: J. DEVLIN  
 DESIGNED BY: D. LYMAN CHECKED BY: J. DEVLIN  
 R.O.W. SHEET 7 OF 28



LAKE RD. STA 300+00.00 =  
US ROUTE 7 STA 107+56.00

DATUM	
VERTICAL	NAVD 1988
HORIZONTAL	NAD83 (96)

THE GRADES SHOWN TO THE NEAREST TENTH  
ARE THE OLD GROUND ALONG THE CENTERLINE.  
THE GRADES SHOWN TO THE NEAREST HUNDRETH  
ARE THE PROPOSED FINISHED GRADE ALONG THE  
CENTERLINE.

PROJECT NAME:	MILTON
PROJECT NUMBER:	STP 5800 (2)
FILE NAME:	r92d289vrowr92d289pro4.dgn
PROJECT LEADER:	J. SCHULTZ
DESIGNED BY:	D. LYMAN
PLOT DATE:	29-JAN-2010
DRAWN BY:	J. DEVLIN
CHECKED BY:	J. DEVLIN
R.O.W. SHEET:	8 OF 28

GPS CONTROL POINTS

HVCTRL #1

STANDARD DISC STAMPED

"DAUNAIS AZ MK 2004"

N = 781132.7590  
E = 1480472.7970  
ELEV. = 293.6000

GENERAL LOCATION, MILTON, VT. TO REACH FROM THE INTERSECTION OF VT ROUTE 104A AND US ROUTE 7 IN GEORGIA, GO SOUTH ALONG US ROUTE 7 FOR 3.0 MI TO THE INTERSECTION OF LAKE ROAD RIGHT. CONTINUE STRAIGHT AHEAD AND GO SOUTH ALONG US ROUTE 7 FOR 0.7 MI TO THE INTERSECTION OF HOWARD DRIVE RIGHT AND THE SITE OF THE MARK ON THE RIGHT. IT IS SET IN THE GRASSY TRIANGLE FORMED BY US ROUTE 7 AND HOWARD DRIVE OPPOSITE THE WEST END OF THE ARROWHEAD LAKE DAM. THE MARK IS SET ABOUT 5 CM BELOW GROUND SURFACE IN THE TOP OF A 30 CM DIAMETER CONCRETE MONUMENT. IT IS 14.7 M WEST SOUTHWEST OF AND ABOUT 1.0 M HIGHER THAN THE CENTERLINE OF US ROUTE 7, 9.3 M EAST SOUTHEAST OF THE CENTERLINE OF HOWARD DRIVE, 17.7 M SOUTHEAST OF POLE NO 11 01, 17.1 M NORTH OF THE NORTHWEST CORNER OF A STONE RETAINING WALL, AND 0.2 M EAST NORTHEAST OF A FIBERGLASS WITNESS POST

HVCTRL #2

STANDARD DISC STAMPED

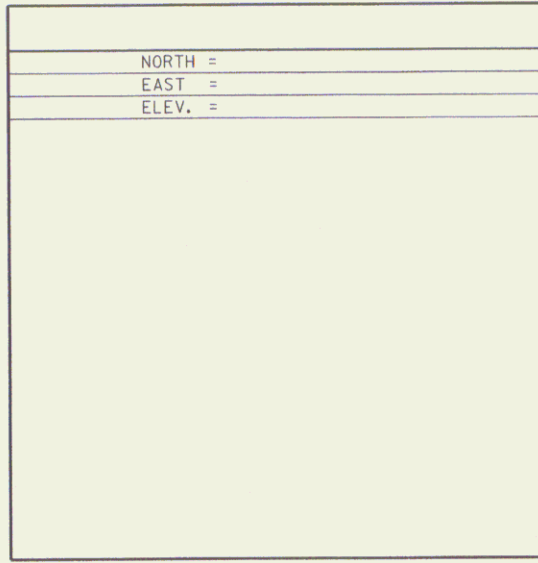
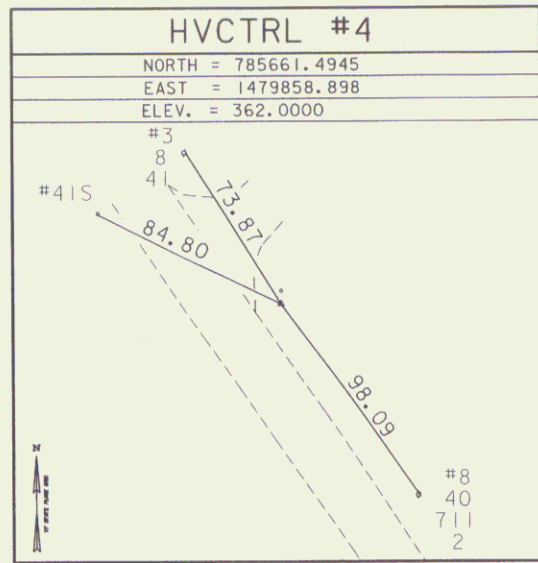
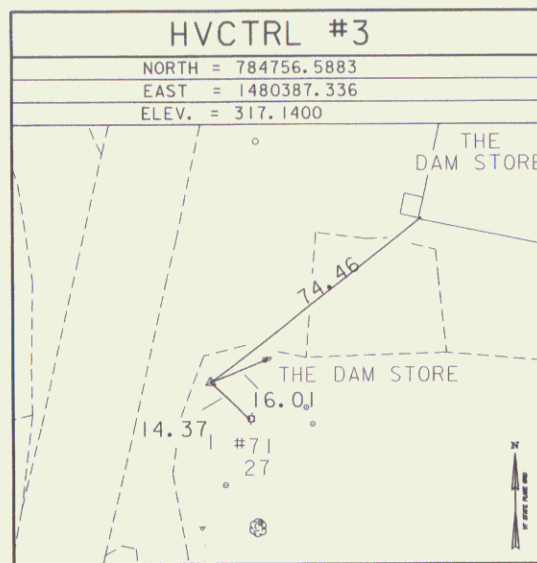
"DAUNAIS 2004"

\*\* N = 784642.4690  
E = 1480244.1920  
ELEV. = 319.5500

GENERAL LOCATION, MILTON, VT. OWNERSHIP, NICK DAUNAIS, 82 US ROUTE 7 NORTH, MILTON, VT 05468. TO REACH FROM THE INTERSECTION OF VT ROUTE 104A AND US ROUTE 7 IN GEORGIA, GO SOUTH ALONG US ROUTE 7 FOR 3.0 MI TO THE INTERSECTION OF LAKE ROAD RIGHT. CONTINUE STRAIGHT AHEAD AND GO SOUTH ALONG US ROUTE 7 FOR ABOUT 50 M TO THE INTERSECTION OF A GRAVEL DRIVE RIGHT LEADING TO HOUSE NO 82 AND THE SITE OF THE MARK ON THE RIGHT IN A LAWN JUST NORTH OF THE DRIVEWAY. THE MARK IS SET ABOUT 12 CM BELOW GROUND SURFACE IN THE TOP OF A 30 CM DIAMETER CONCRETE MONUMENT POURED 1.3 M DEEP. IT IS 25.8 M NORTHWEST OF AND ABOUT 1.2 M HIGHER THAN THE CENTERLINE OF US ROUTE 7, 3.7 M NORTHEAST OF THE CENTERLINE OF THE GRAVEL DRIVE, 34.5 M EAST OF POLE NO 26-1/5B, 22.1 M SOUTHWEST OF THE SOUTH CORNER OF A SMALL GARAGE, AND 4.7 M SOUTH SOUTHWEST OF THE SOUTHWEST END OF A PICKET FENCE.

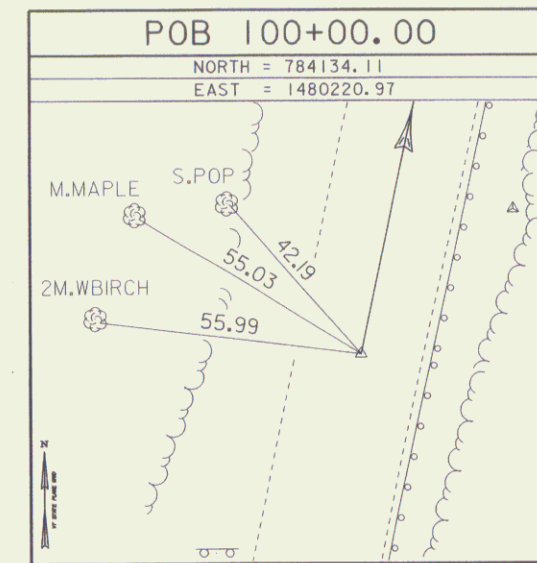
• DESCRIPTION PROVIDED BY VERMONT AGENCY OF TRANSPORTATION GEODETIC SURVEY UNIT

TRAVERSE TIES

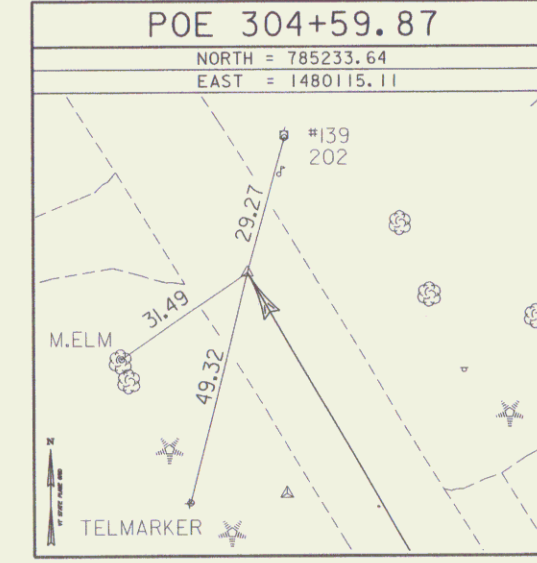
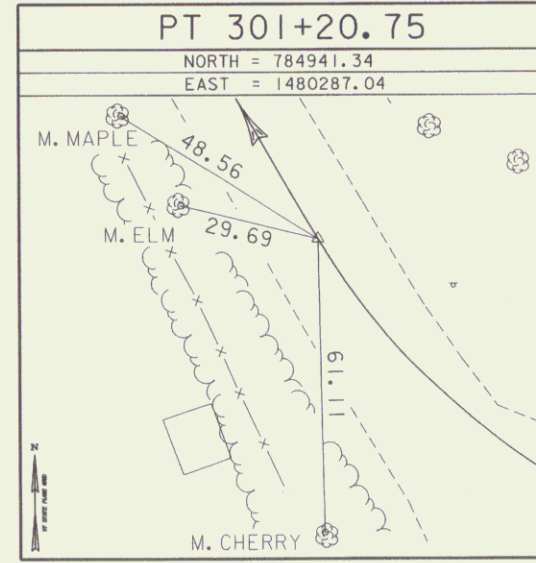
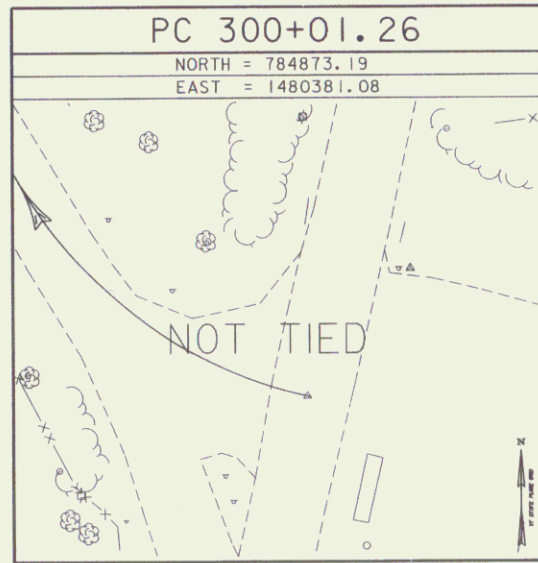
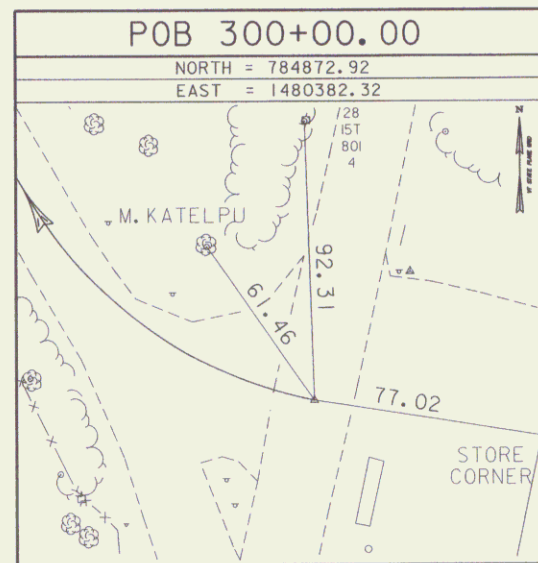
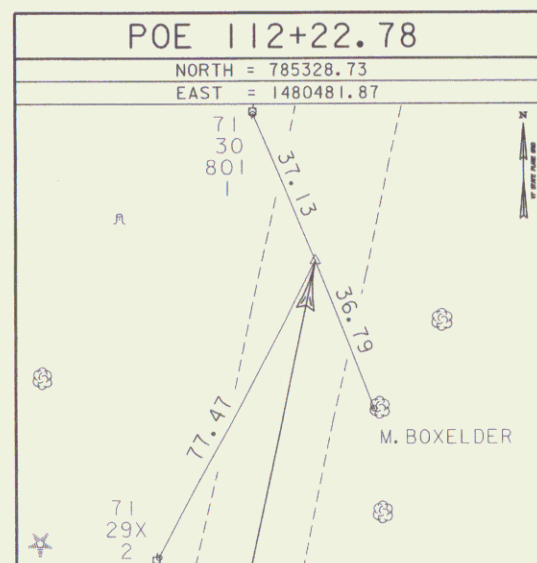


• MAIN TRAVERSE COMPLETED: JUNE 14, 2004 BY L. ORVIS PC/ J. HULETT

ALIGNMENT TIES



ALIGNMENT TIES



DATUM

VERTICAL NAVD 88  
HORIZONTAL NAD-83(96)  
ADJUSTMENT UNADJUSTED

• ALIGNMENT STAKED 03-08-2007 by L. Orvis P.C. & G. Hitchcock

PROJECT NAME: MILTON  
PROJECT NUMBER: STP 5800 (2)

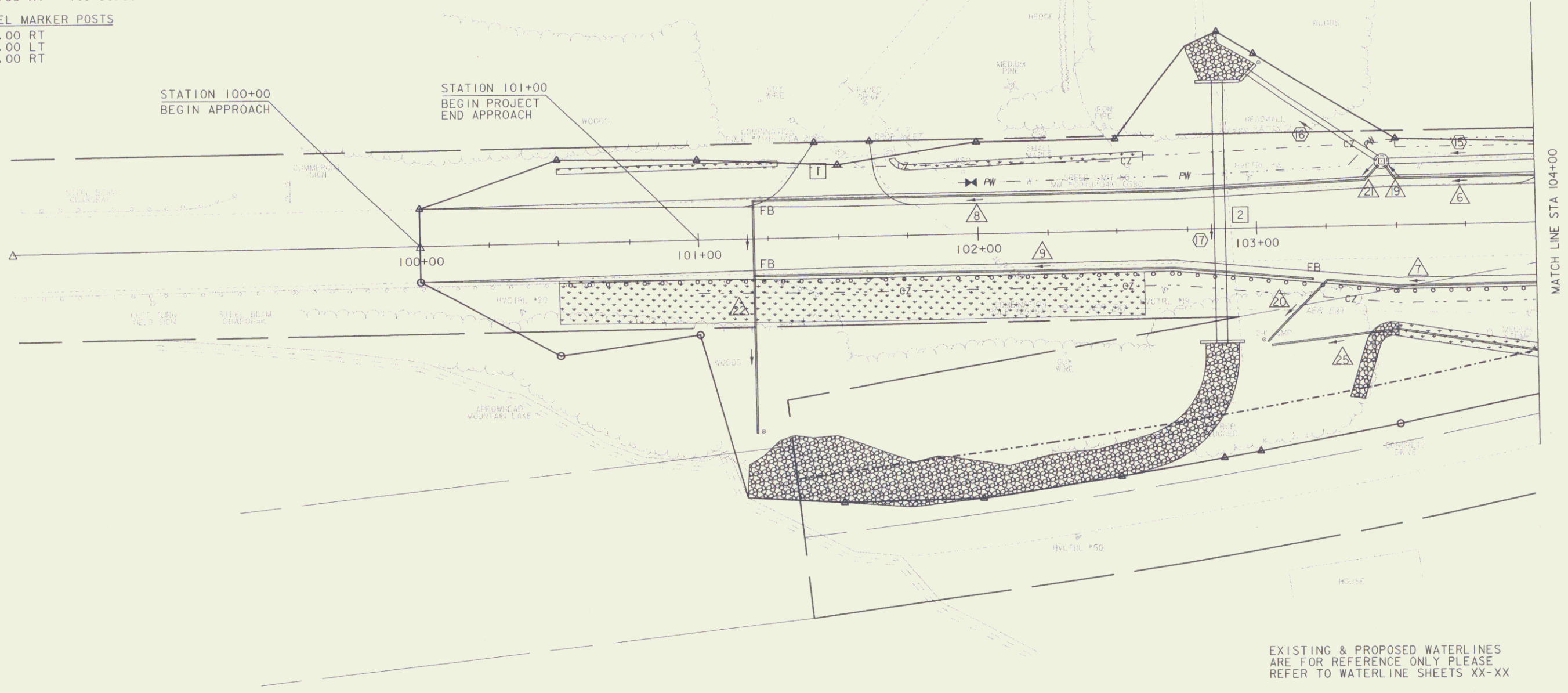
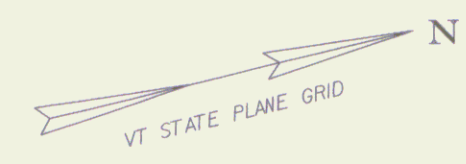
FILE NAME: r:\92d289\ROW\92d2891e.dgn  
PROJECT LEADER: J. SCHULTZ  
DESIGNED BY: D. LYMAN  
PLOT DATE: 29-JAN-2010  
DRAWN BY: J.H. & R.B.  
CHECKED BY: P. HODGE  
R.O.W. SHEET 9 OF 28

- NEW DRAINAGE
- 15 STA 104+50.00 LT - 103+45.00 LT  
NEW 24" X 105' RCP/CPEP (SL)  
W/4' PRCCB @ STA 104+50.00 LT  
W/GRATE TYPE A (1)
- 16 STA 103+45.00 LT - 102+97.60 LT  
NEW 24" X 58' PCCSP/CAAP/CPEP  
W/REINFORCED CONCRETE HEADWALL (TYP) @ OUTLET  
W/4' PRCCB @ STA 103+45.00 LT  
W/GRATE TYPE A (1)
- SPECIAL PROVISION  
NEW DRAINAGE (48" CPEP)
- 17 STA 102+86.76 LT - 102+86.76 RT  
NEW 48" X 95' CPEP  
W/REINFORCED CONCRETE HEADWALL (TYP) @ INLET  
W/REINFORCED CONCRETE HEADWALL (TYP) @ OUTLET
- 613.02 STONE FILL, TYPE II
- STA 101+15.90 RT - 102+92.76 RT  
STA 102+75.41 LT - 103+00.44 LT  
STA 103+32.55 RT - 103+50.00 RT
- 619.16 STEEL MARKER POSTS
- STA 101+22.00 RT  
STA 103+02.00 LT  
STA 103+02.00 RT

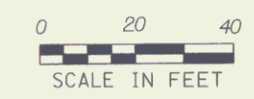
- 605.10 UNDERDRAIN PIPE (6")
- △ STA 104+94.17 LT - 103+49.59 LT  
NEW 6" X 145' UNDERDRAIN PIPE
- △ STA 108+30.80 RT - 103+25.13 RT  
NEW 6" X 506' UNDERDRAIN PIPE  
W/ FLUSHING BASIN @ 108+30.80 RT  
FLUSHING BASIN @ 105+80.00 RT
- △ STA 103+38.99 LT - 101+20.00 LT  
NEW 6" X 219' UNDERDRAIN PIPE
- △ STA 103+20.00 RT - 101+20.00 RT  
NEW 6" X 200' UNDERDRAIN PIPE  
W/ FLUSHING BASIN @ STA 103+20.00 RT
- NEW STORMWATER TREATMENT PRACTICE
- STA 100+50.00 RT - 102+60.00 RT  
DISCONNECTION OF NON-ROOFTOP  
RUNOFF CREDIT

- 605.20 UNDERDRAIN CARRIER PIPE (6")
- △ STA 103+49.59 LT - 103+46.21 LT  
NEW 6" X 6' UNDERDRAIN CARRIER PIPE
- △ STA 103+25.13 RT - 103+03.50 RT  
NEW 6" X 31' UNDERDRAIN CARRIER PIPE
- △ STA 103+43.64 LT - 103+38.99 LT  
NEW 6" X 7' UNDERDRAIN CARRIER PIPE
- △ STA 101+20.00 LT - 101+20.00 RT  
NEW 6" X 82' UNDERDRAIN CARRIER PIPE  
W/ FLUSHING BASIN @ STA 101+20.00 LT  
FLUSHING BASIN @ STA 101+20.00 RT
- △ STA 103+50.00 RT - 103+04.92 RT  
NEW 6" X 45' UNDERDRAIN CARRIER PIPE

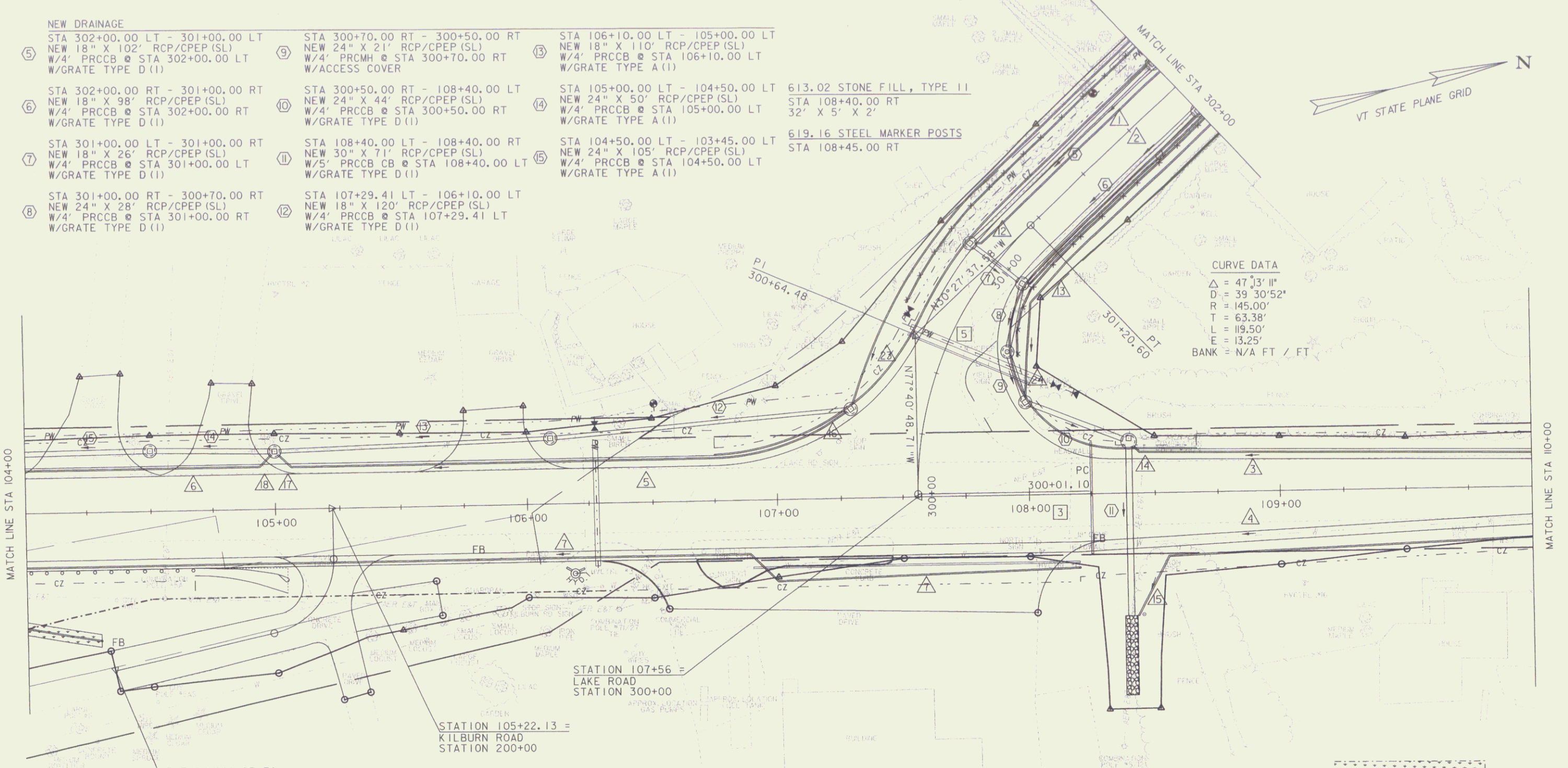
- EXISTING DRAINAGE
- 1 STA 101+69.18 LT - 101+28.64 LT  
EXISTING 18" CPEP PIPE & D1 = RETAIN
- 2 STA 102+88.46 LT - 102+93.77 RT  
EXISTING 24" CGMP PIPE &  
HEADWALL = REMOVE
- SPECIAL PROVISION  
STORMWATER DRYSWALE (5' WIDTH)
- STA 104+30.00 RT - 103+50.00 RT  
NEW STORMWATER TREATMENT DRY SWALE  
NEW 6" X 81' UNDERDRAIN PIPE  
W/ FLUSHING BASIN @ STA 104+30.00 RT
- SPECIAL DITCH - GRASS CHANNEL
- STA 100+50.00 LT - 102+60.00 LT  
NEW STORMWATER TREATMENT  
GRASS CHANNEL - 2' X 163'



EXISTING & PROPOSED WATERLINES  
ARE FOR REFERENCE ONLY PLEASE  
REFER TO WATERLINE SHEETS XX-XX



PROJECT NAME: MILTON	PLOT DATE: 29-JAN-2010
PROJECT NUMBER: STP 5800 (2)	DRAWN BY: D. LYMAN
FILE NAME: r92d289\ROW\r92d289drnl.dgn	CHECKED BY: J. DEVLIN
PROJECT LEADER: J. SCHULTZ	R.O.W. SHEET 10 OF 28
DESIGNED BY: D. LYMAN	
R.O.W. DRAINAGE LAYOUT SHEET 1	



- NEW DRAINAGE**
- ⑤ STA 302+00.00 LT - 301+00.00 LT  
NEW 18" X 102' RCP/CPEP (SL)  
W/4' PRCCB @ STA 302+00.00 LT  
W/GRATE TYPE D (1)
  - ⑥ STA 302+00.00 RT - 301+00.00 RT  
NEW 18" X 98' RCP/CPEP (SL)  
W/4' PRCCB @ STA 302+00.00 RT  
W/GRATE TYPE D (1)
  - ⑦ STA 301+00.00 LT - 301+00.00 RT  
NEW 18" X 26' RCP/CPEP (SL)  
W/4' PRCCB @ STA 301+00.00 LT  
W/GRATE TYPE D (1)
  - ⑧ STA 301+00.00 RT - 300+70.00 RT  
NEW 24" X 28' RCP/CPEP (SL)  
W/4' PRCCB @ STA 301+00.00 RT  
W/GRATE TYPE D (1)
  - ⑨ STA 300+70.00 RT - 300+50.00 RT  
NEW 24" X 21' RCP/CPEP (SL)  
W/4' PRCCB @ STA 300+70.00 RT  
W/ACCESS COVER
  - ⑩ STA 300+50.00 RT - 108+40.00 LT  
NEW 24" X 44' RCP/CPEP (SL)  
W/4' PRCCB @ STA 300+50.00 RT  
W/GRATE TYPE D (1)
  - ⑪ STA 108+40.00 LT - 108+40.00 RT  
NEW 30" X 71' RCP/CPEP (SL)  
W/5' PRCCB @ STA 108+40.00 LT  
W/GRATE TYPE D (1)
  - ⑫ STA 107+29.41 LT - 106+10.00 LT  
NEW 18" X 120' RCP/CPEP (SL)  
W/4' PRCCB @ STA 107+29.41 LT  
W/GRATE TYPE D (1)
  - ⑬ STA 106+10.00 LT - 105+00.00 LT  
NEW 18" X 110' RCP/CPEP (SL)  
W/4' PRCCB @ STA 106+10.00 LT  
W/GRATE TYPE A (1)
  - ⑭ STA 105+00.00 LT - 104+50.00 LT  
NEW 24" X 50' RCP/CPEP (SL)  
W/4' PRCCB @ STA 105+00.00 LT  
W/GRATE TYPE A (1)
  - ⑮ STA 104+50.00 LT - 103+45.00 LT  
NEW 24" X 105' RCP/CPEP (SL)  
W/4' PRCCB @ STA 104+50.00 LT  
W/GRATE TYPE A (1)

613.02 STONE FILL, TYPE II  
STA 108+40.00 RT  
32' X 5' X 2'

619.16 STEEL MARKER POSTS  
STA 108+45.00 RT

**CURVE DATA**  
 $\Delta = 47^{\circ} 3' 11''$   
 $D = 39^{\circ} 30' 52''$   
 $R = 145.00'$   
 $T = 63.38'$   
 $L = 119.50'$   
 $E = 13.25'$   
 BANK = N/A FT / FT

- ① 605.10 UNDERDRAIN PIPE (6")  
STA 304+21.22 LT - 301+02.39 LT  
NEW 6" X 320' UNDERDRAIN PIPE
- ② STA 304+22.00 RT - 301+02.23 RT  
NEW 6" X 318' UNDERDRAIN PIPE
- ③ STA 110+12.50 LT - 108+45.00 LT  
NEW 6" X 168' UNDERDRAIN PIPE
- ④ STA 110+12.50 RT - 108+55.00 RT  
NEW 6" X 158' UNDERDRAIN PIPE
- ⑤ STA 107+19.34 LT - 105+06.55 LT  
NEW 6" X 215' UNDERDRAIN PIPE
- ⑥ STA 104+94.17 LT - 103+49.59 LT  
NEW 6" X 145' UNDERDRAIN PIPE
- ⑦ 605.20 UNDERDRAIN CARRIER PIPE (6")  
STA 108+20.00 RT - 103+25.13 RT  
NEW 6" X 500' UNDERDRAIN PIPE  
W/ FLUSHING BASIN @ 108+20.00 RT  
FLUSHING BASIN @ 105+80.00 RT
- ⑧ STA 301+02.39 LT - 301+01.36 LT  
NEW 6" X 4' UNDERDRAIN CARRIER PIPE
- ⑨ STA 301+02.23 RT - 301+01.40 RT  
NEW 6" X 4' UNDERDRAIN CARRIER PIPE
- ⑩ STA 108+45.00 LT - 108+41.89 LT  
NEW 6" X 4' UNDERDRAIN CARRIER PIPE
- ⑪ STA 108+55.00 RT - 108+42.92 RT  
NEW 6" X 27' UNDERDRAIN CARRIER PIPE
- ⑫ STA 107+27.73 LT - 107+19.34 LT  
NEW 6" X 10' UNDERDRAIN CARRIER PIPE  
W/ FLUSHING BASIN @ STA 107+29.41 LT
- ⑬ STA 105+06.55 LT - 105+01.44 LT  
NEW 6" X 7' UNDERDRAIN CARRIER PIPE
- ⑭ STA 104+98.61 LT - 104+94.17 LT  
NEW 6" X 7' UNDERDRAIN CARRIER PIPE
- ⑮ STA 300+70.00 LT - 300+31.32 LT  
NEW 6" X 47' UNDERDRAIN CARRIER PIPE
- ⑯ STA 300+70.00 RT - 300+52.56 RT  
NEW 6" X 16' UNDERDRAIN CARRIER PIPE

- SPECIAL PROVISION**  
 STORMWATER DRYSWALE (5' WIDTH)  
 STA 104+30.00 RT - 103+50.00 RT  
 NEW STORMWATER TREATMENT DRY SWALE  
 NEW 6" X 81' UNDERDRAIN PIPE  
 W/ FLUSHING BASIN @ STA 104+30.00 RT
- EXISTING DRAINAGE**  
 STA 108+17.21 LT - 108+15.59 RT  
 EXISTING 18" CGMP PIPE &  
 HEADWALLS (2) = REMOVE
- ③ STA 108+17.21 LT - 108+15.59 RT  
 EXISTING 15" CPEP PIPE & DI = REMOVE
- ⑤ STA 301+00.76 LT - 300+59.56 RT  
 EXISTING 15" CPEP PIPE & DI = REMOVE

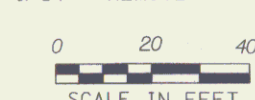
EXISTING & PROPOSED WATERLINES  
 ARE FOR REFERENCE ONLY PLEASE  
 REFER TO WATERLINE SHEETS XX-XX

PROPOSED SERVICE LINE AND WATER  
 SHUT OFF AT APPROXIMATE STA  
 301+68.42 LT SHALL BE LOCATED  
 ENTIRELY INSIDE THE EXISTING  
 TOWN OF MILTON UTILITY EASEMENT

PROJECT NAME: MILTON  
 PROJECT NUMBER: STP 5800 (2)

FILE NAME: r92d289vrowv92d289drn2.i  
 PROJECT LEADER: J. SCHULTZ  
 DESIGNED BY: D. LYMAN  
 R.O.W. DRAINAGE LAYOUT SHEET 2

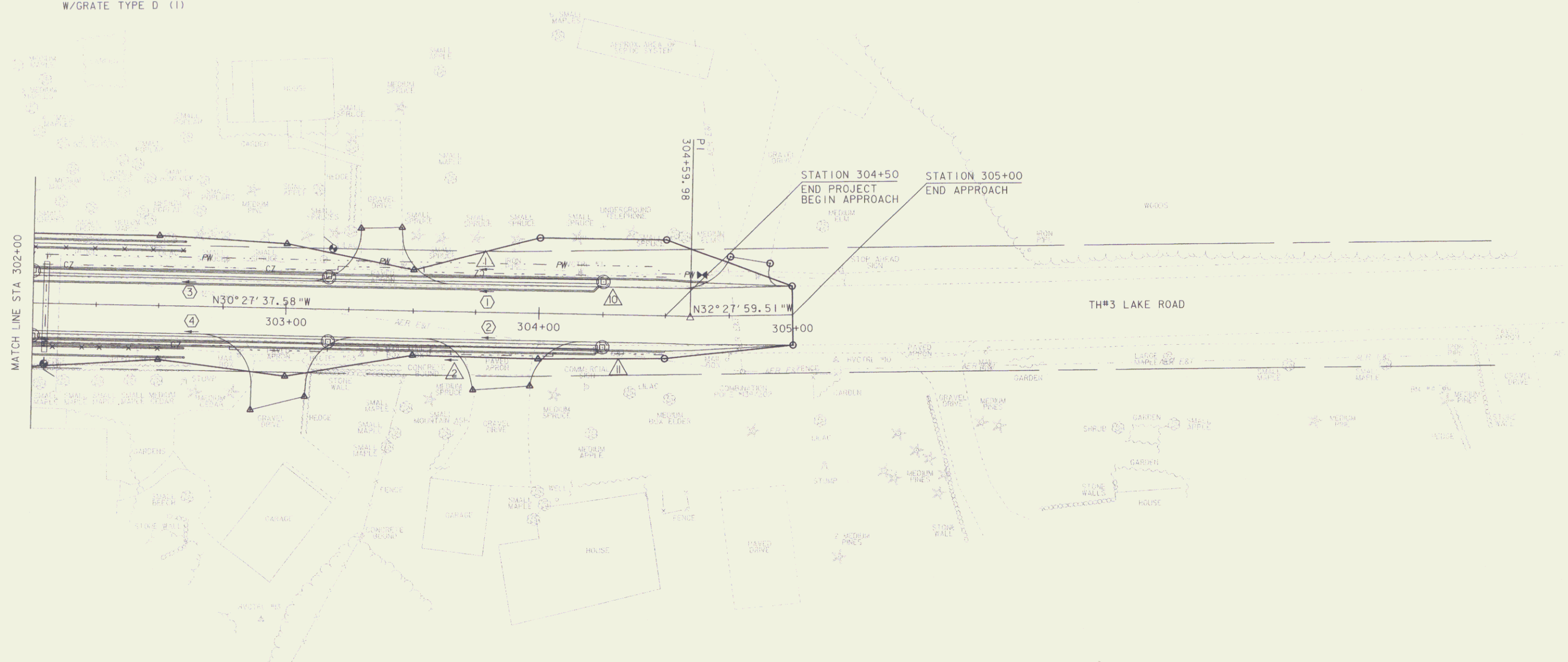
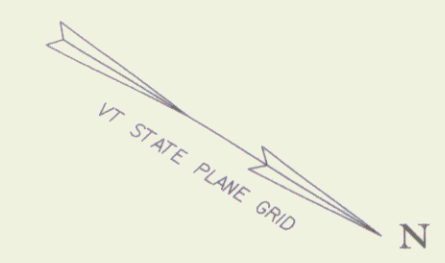
PLOT DATE: 29-JAN-2010  
 DRAWN BY: D. LYMAN  
 CHECKED BY: J. DEVLIN  
 R.O.W. SHEET 11 OF 28





- NEW DRAINAGE
- ① STA 304+25.00 LT - 303+17.00 LT  
NEW 18" X 108' RCP/CPEP (SL)  
W/4' PRCCB @ STA 304+25.00 LT  
W/GRATE TYPE D (1)
  - ② STA 304+25.00 RT - 303+17.00 RT  
NEW 18" X 108' RCP/CPEP (SL)  
W/4' PRCCB @ STA 304+25.00 RT  
W/GRATE TYPE D (1)
  - ③ STA 303+17.00 LT - 302+00.00 LT  
NEW 18" X 117' RCP/CPEP (SL)  
W/4' PRCCB @ STA 303+17.00 LT  
W/GRATE TYPE D (1)
  - ④ STA 303+17.00 RT - 302+00.00 RT  
NEW 18" X 117' RCP/CPEP (SL)  
W/4' PRCCB @ STA 303+17.00 RT  
W/GRATE TYPE D (1)

- △ 605.10 UNDERDRAIN PIPE (6")  
STA 304+21.22 LT - 301+02.39 LT  
NEW 6" X 320' UNDERDRAIN
- △ 605.20 UNDERDRAIN CARRIER PIPE (6")  
STA 304+23.55 LT - 304+21.22 LT  
NEW 6" X 4' UNDERDRAIN CARRIER PIPE
- △ STA 304+22.00 RT - 301+02.23 RT  
NEW 6" X 318' UNDERDRAIN
- △ STA 304+23.55 RT - 304+22.00 RT  
NEW 6" X 4' UNDERDRAIN CARRIER PIPE



EXISTING & PROPOSED WATERLINES  
ARE FOR REFERENCE ONLY PLEASE  
REFER TO WATERLINE SHEETS XX-XX



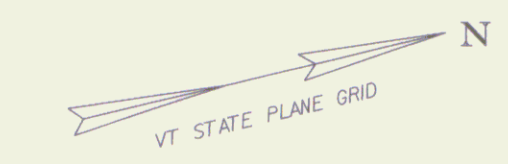
PROJECT NAME:	MILTON	PLOT DATE:	29-JAN-2010
PROJECT NUMBER:	STP 5800 (2)	DRAWN BY:	D. LYMAN
FILE NAME:	92d289\ROW\92d289drn4.1	CHECKED BY:	J. DEVLIN
PROJECT LEADER:	J. SCHULTZ	R.O.W. SHEET:	13 OF 28
DESIGNED BY:	D. LYMAN		
R.O.W. DRAINAGE LAYOUT SHEET 4			

NOTES:

1. THESE PLANS SHOW A CONCEPTUAL EROSION CONTROL PLAN. THE CONTRACTOR MUST SUBMIT A TEMPORARY EROSION CONTROL PLAN FOR APPROVAL.
2. TEMPORARY EROSION CONTROL MEASURES ARE CONCEPTUALLY SHOWN. THE CONTRACTOR MAY RELOCATE TEMPORARY MEASURES TO IMPROVE EROSION CONTROL WITH APPROVAL OF THE RESIDENT ENGINEER AND ON SITE COORDINATOR. SILT FENCE SHALL NOT BE INSTALLED ACROSS CONTOURS.
3. THE CONTRACTOR SHALL USE OTHER TEMPORARY EROSION CONTROL MEASURES AS NECESSITATED BY THE SEQUENCE OF CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER AND ON SITE COORDINATOR.
4. REFER TO TEMPORARY EROSION CONTROL DETAIL SHEETS FOR ADDITIONAL DETAILS.
5. WHERE LEDGE IS EXPOSED, GRAVEL BAGS MAY BE USED INSTEAD OF FILTER CURTAIN. PAYMENT FOR THIS ITEM SHALL BE INCIDENTAL TO ITEM 649.61  
\* GEOTEXTILE FOR FILTER CURTAIN.

SOIL CLASSIFICATION  
ADAMS AND WINDSOR  
LOAMY SANDS  
0 - 5% SLOPES  
"K FACTOR" 0.17  
LOW EROSION POTENTIAL

SOIL CLASSIFICATION  
ADAMS AND WINDSOR  
LOAMY SANDS  
30 - 60% SLOPES  
"K FACTOR" 0.17  
LOW EROSION POTENTIAL



EXISTING ROW

EXISTING ROW

649.515 - GEOTEXTILE FOR SILT FENCE, WOVEN WIRE REINFORCED  
STA 100+06.24 RT - 100+33.96 RT  
STA 100+28.96 RT - 100+56.67 RT  
STA 100+62.95 RT - 100+78.04 RT  
STA 100+80.65 RT - 101+67.44 RT  
STA 101+65.98 RT - 102+55.01 RT  
STA 102+53.51 RT - 102+63.93 RT

653.20 - TEMPORARY EROSION MATTING  
STA 102+49.62 LT - 103+40.34 LT  
STA 102+59.99 RT - 104+00.00 RT

653.41 - INLET PROTECTION, TYPE I  
STA 101+69.27 LT  
STA 103+45.00 LT

653.50 - BARRIER FENCE  
STA 100+00.00 RT - 101+01.14 RT  
STA 102+50.00 LT - 103+53.06 LT

653.55 - PROJECT DEMARCATION FENCE  
STA 100+00.00 LT - 101+35.00 LT  
STA 101+75.00 LT - 102+50.00 LT  
STA 103+53.06 LT - 104+00.00 LT

LEGEND	
	SILT FENCE
	SILT FENCE, WOVEN WIRE REINFORCED
	LIMITS OF SOIL DISTURBANCE
	EROSION MATTING
	PDF PROJECT DEMARCATION FENCE
	BF BARRIER FENCE
	STONE DROP INLET PROTECTION

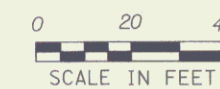
SOIL CLASSIFICATION  
ADAMS AND WINDSOR  
LOAMY SANDS  
0 - 5% SLOPES  
"K FACTOR" 0.17  
LOW EROSION POTENTIAL

EXISTING & PROPOSED WATERLINES ARE FOR REFERENCE ONLY PLEASE REFER TO WATERLINE SHEETS XX-XX

PROJECT NAME: MILTON  
PROJECT NUMBER: STP 5800 (2)

FILE NAME: 92d289\ROW\92d289ec1  
PROJECT LEADER: J. SCHULTZ  
DESIGNED BY: D. LYMAN  
R.O.W. EPSC LAYOUT SHEET I

PLOT DATE: 29-JAN-2010  
DRAWN BY: D. LYMAN  
CHECKED BY: J. DEVLIN  
R.O.W. SHEET 14 OF 28

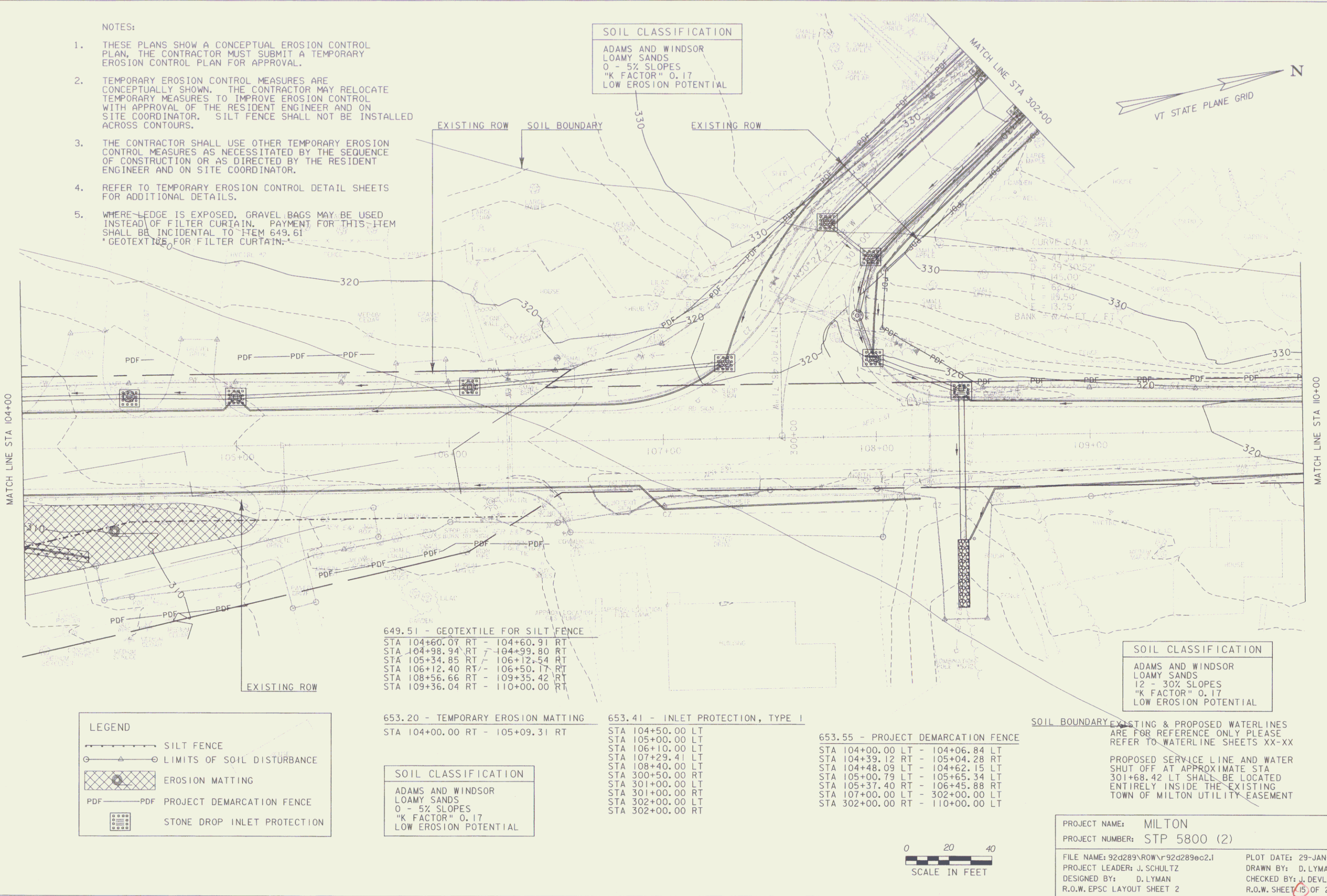
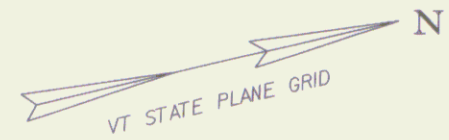


MATCH LINE STA 104+00

NOTES:

1. THESE PLANS SHOW A CONCEPTUAL EROSION CONTROL PLAN. THE CONTRACTOR MUST SUBMIT A TEMPORARY EROSION CONTROL PLAN FOR APPROVAL.
2. TEMPORARY EROSION CONTROL MEASURES ARE CONCEPTUALLY SHOWN. THE CONTRACTOR MAY RELOCATE TEMPORARY MEASURES TO IMPROVE EROSION CONTROL WITH APPROVAL OF THE RESIDENT ENGINEER AND ON SITE COORDINATOR. SILT FENCE SHALL NOT BE INSTALLED ACROSS CONTOURS.
3. THE CONTRACTOR SHALL USE OTHER TEMPORARY EROSION CONTROL MEASURES AS NECESSITATED BY THE SEQUENCE OF CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER AND ON SITE COORDINATOR.
4. REFER TO TEMPORARY EROSION CONTROL DETAIL SHEETS FOR ADDITIONAL DETAILS.
5. WHERE LEDGE IS EXPOSED, GRAVEL BAGS MAY BE USED INSTEAD OF FILTER CURTAIN. PAYMENT FOR THIS ITEM SHALL BE INCIDENTAL TO ITEM 649.61 \*GEOTEXTILE FOR FILTER CURTAIN.\*

SOIL CLASSIFICATION  
ADAMS AND WINDSOR  
LOAMY SANDS  
0 - 5% SLOPES  
"K FACTOR" 0.17  
LOW EROSION POTENTIAL



649.51 - GEOTEXTILE FOR SILT FENCE  
STA 104+60.07 RT - 104+60.91 RT  
STA 104+98.94 RT - 104+99.80 RT  
STA 105+34.85 RT - 106+12.54 RT  
STA 106+12.40 RT - 106+50.17 RT  
STA 108+56.66 RT - 109+35.42 RT  
STA 109+36.04 RT - 110+00.00 RT

653.20 - TEMPORARY EROSION MATTING  
STA 104+00.00 RT - 105+09.31 RT

SOIL CLASSIFICATION  
ADAMS AND WINDSOR  
LOAMY SANDS  
0 - 5% SLOPES  
"K FACTOR" 0.17  
LOW EROSION POTENTIAL

653.41 - INLET PROTECTION, TYPE I  
STA 104+50.00 LT  
STA 105+00.00 LT  
STA 106+10.00 LT  
STA 107+29.41 LT  
STA 108+40.00 LT  
STA 300+50.00 RT  
STA 301+00.00 LT  
STA 301+00.00 RT  
STA 302+00.00 LT  
STA 302+00.00 RT

653.55 - PROJECT DEMARCATIION FENCE  
STA 104+00.00 LT - 104+06.84 LT  
STA 104+39.12 RT - 105+04.28 RT  
STA 104+48.09 LT - 104+62.15 LT  
STA 105+00.79 LT - 105+65.34 LT  
STA 105+37.40 RT - 106+45.88 RT  
STA 107+00.00 LT - 302+00.00 LT  
STA 302+00.00 RT - 110+00.00 LT

SOIL BOUNDARY EXISTING & PROPOSED WATER LINES ARE FOR REFERENCE ONLY PLEASE REFER TO WATERLINE SHEETS XX-XX  
PROPOSED SERVICE LINE AND WATER SHUT OFF AT APPROXIMATE STA 301+68.42 LT SHALL BE LOCATED ENTIRELY INSIDE THE EXISTING TOWN OF MILTON UTILITY EASEMENT

SOIL CLASSIFICATION  
ADAMS AND WINDSOR  
LOAMY SANDS  
12 - 30% SLOPES  
"K FACTOR" 0.17  
LOW EROSION POTENTIAL

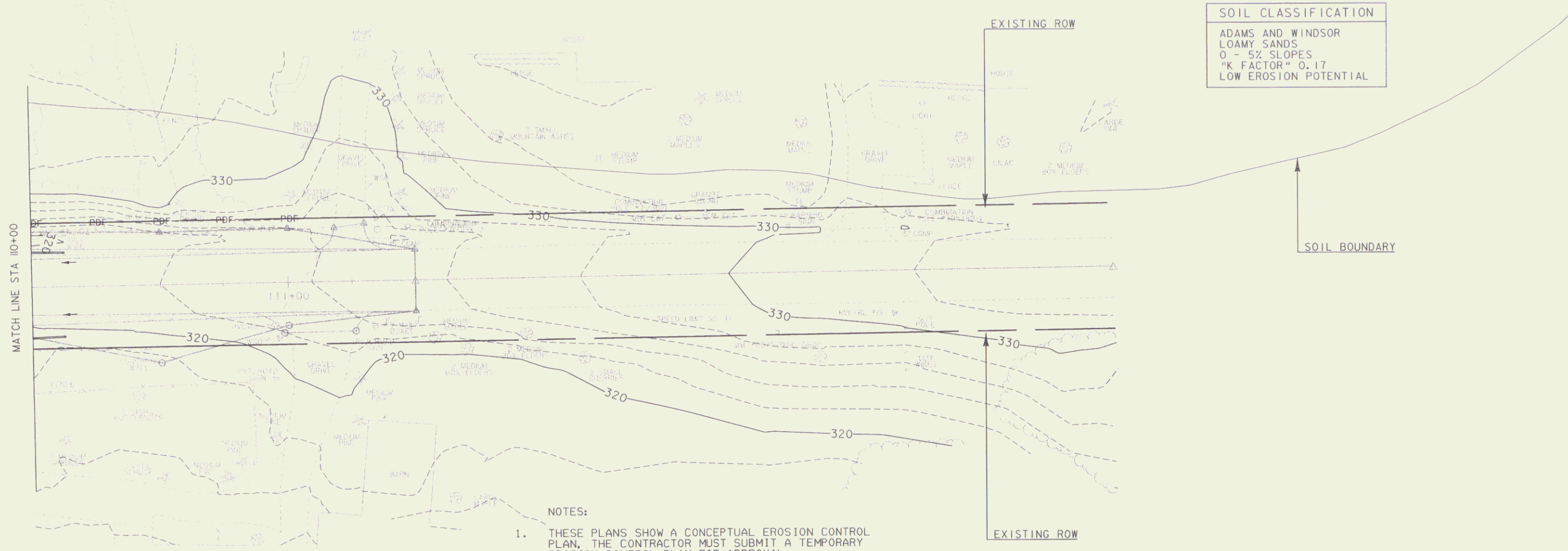
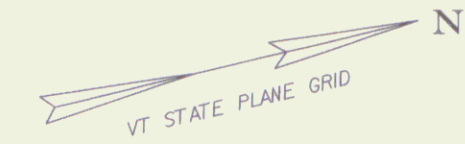
PROJECT NAME: MILTON  
PROJECT NUMBER: STP 5800 (2)  
FILE NAME: 92d289\ROW\92d289ec2.1  
PROJECT LEADER: J. SCHULTZ  
DESIGNED BY: D. LYMAN  
R.O.W. EPSC LAYOUT SHEET 2  
PLOT DATE: 29-JAN-2010  
DRAWN BY: D. LYMAN  
CHECKED BY: J. DEVLIN  
R.O.W. SHEET 15 OF 28

649.51 - GEOTEXTILE FOR SILT FENCE

STA 110+00.00 RT - 110+00.94 RT  
 STA 110+01.53 RT - 110+50.79 RT  
 STA 110+51.18 RT - 110+93.92 RT

653.55 - PROJECT DEMARCATION FENCE

STA 110+00.00 LT - 111+09.25 LT



SOIL CLASSIFICATION  
 ADAMS AND WINDSOR  
 LOAMY SANDS  
 0 - 5% SLOPES  
 "K FACTOR" 0.17  
 LOW EROSION POTENTIAL

SOIL BOUNDARY

SOIL CLASSIFICATION  
 ADAMS AND WINDSOR  
 LOAMY SANDS  
 12 - 30% SLOPES  
 "K FACTOR" 0.17  
 LOW EROSION POTENTIAL

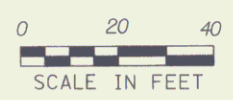
SOIL BOUNDARY

- NOTES:
1. THESE PLANS SHOW A CONCEPTUAL EROSION CONTROL PLAN. THE CONTRACTOR MUST SUBMIT A TEMPORARY EROSION CONTROL PLAN FOR APPROVAL.
  2. TEMPORARY EROSION CONTROL MEASURES ARE CONCEPTUALLY SHOWN. THE CONTRACTOR MAY RELOCATE TEMPORARY MEASURES TO IMPROVE EROSION CONTROL WITH APPROVAL OF THE RESIDENT ENGINEER AND ON SITE COORDINATOR. SILT FENCE SHALL NOT BE INSTALLED ACROSS CONTOURS.
  3. THE CONTRACTOR SHALL USE OTHER TEMPORARY EROSION CONTROL MEASURES AS NECESSITATED BY THE SEQUENCE OF CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER AND ON SITE COORDINATOR.
  4. REFER TO TEMPORARY EROSION CONTROL DETAIL SHEETS FOR ADDITIONAL DETAILS.
  5. WHERE LEDGE IS EXPOSED, GRAVEL BAGS MAY BE USED INSTEAD OF FILTER CURTAIN. PAYMENT FOR THIS ITEM SHALL BE INCIDENTAL TO ITEM 649.61  
 \* GEOTEXTILE FOR FILTER CURTAIN.

**LEGEND**

- SILT FENCE
- LIMITS OF SOIL DISTURBANCE
- EROSION MATTING
- PROJECT DEMARCATION FENCE
- STONE DROP INLET PROTECTION

EXISTING & PROPOSED WATERLINES ARE FOR REFERENCE ONLY PLEASE REFER TO WATERLINE SHEETS XX-XX



PROJECT NAME: MILTON	PLOT DATE: 29-JAN-2010
PROJECT NUMBER: STP 5800 (2)	DRAWN BY: D. LYMAN
FILE NAME: 92d289\ROW\92d289ec3.1	CHECKED BY: J. DEVLIN
PROJECT LEADER: J. SCHULTZ	R.O.W. SHEET 16 OF 28
DESIGNED BY: D. LYMAN	
R.O.W. EPSC LAYOUT SHEET 3	

**SOIL CLASSIFICATION**  
 ADAMS AND WINDSOR  
 LOAMY SANDS  
 0 - 5% SLOPES  
 "K FACTOR" 0.17  
 LOW EROSION POTENTIAL

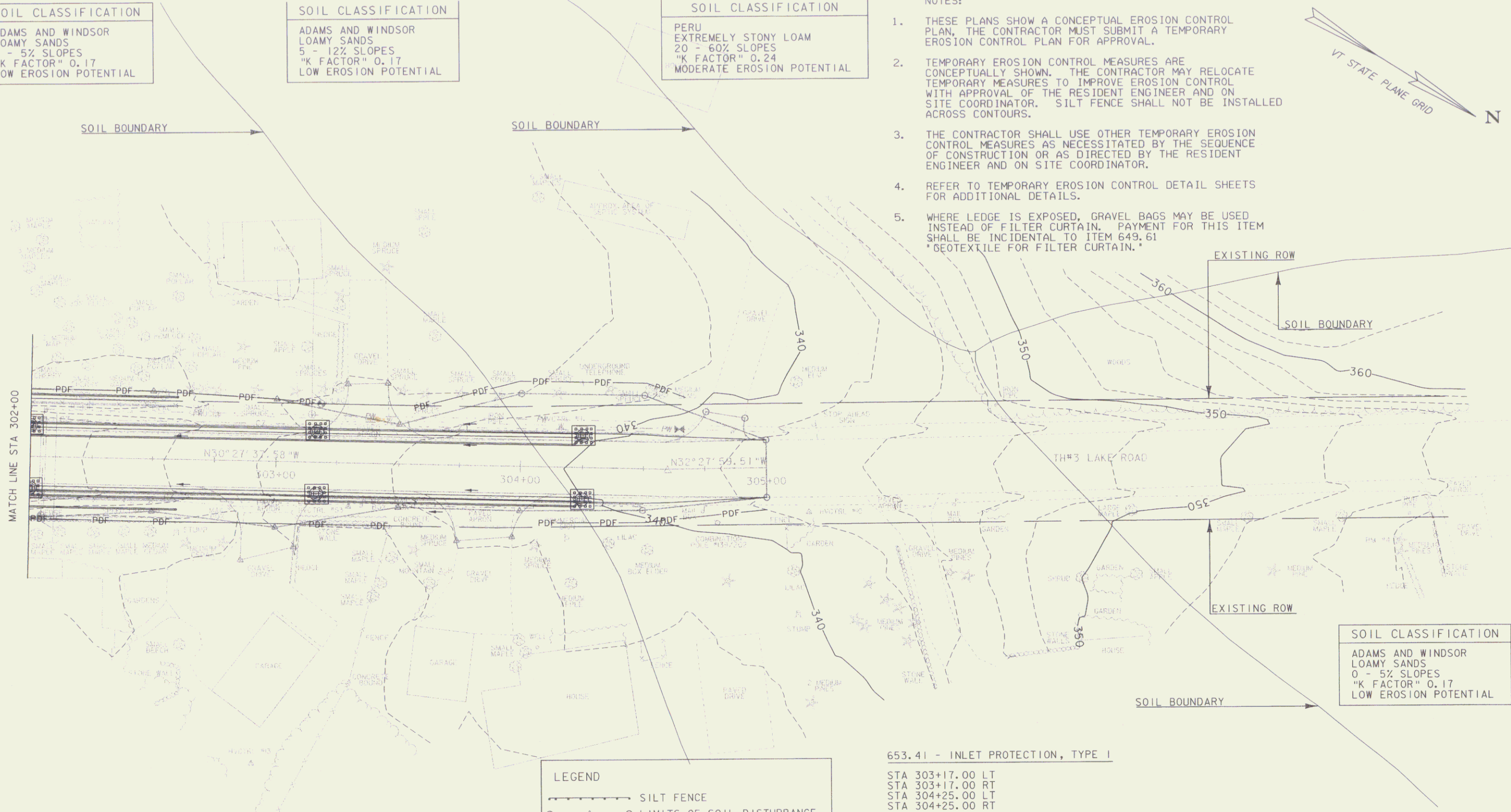
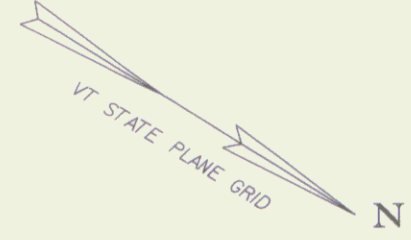
**SOIL CLASSIFICATION**  
 ADAMS AND WINDSOR  
 LOAMY SANDS  
 5 - 12% SLOPES  
 "K FACTOR" 0.17  
 LOW EROSION POTENTIAL

**SOIL CLASSIFICATION**  
 PERU  
 EXTREMELY STONY LOAM  
 20 - 60% SLOPES  
 "K FACTOR" 0.24  
 MODERATE EROSION POTENTIAL

**SOIL CLASSIFICATION**  
 ADAMS AND WINDSOR  
 LOAMY SANDS  
 0 - 5% SLOPES  
 "K FACTOR" 0.17  
 LOW EROSION POTENTIAL

**NOTES:**

1. THESE PLANS SHOW A CONCEPTUAL EROSION CONTROL PLAN, THE CONTRACTOR MUST SUBMIT A TEMPORARY EROSION CONTROL PLAN FOR APPROVAL.
2. TEMPORARY EROSION CONTROL MEASURES ARE CONCEPTUALLY SHOWN. THE CONTRACTOR MAY RELOCATE TEMPORARY MEASURES TO IMPROVE EROSION CONTROL WITH APPROVAL OF THE RESIDENT ENGINEER AND ON SITE COORDINATOR. SILT FENCE SHALL NOT BE INSTALLED ACROSS CONTOURS.
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4. REFER TO TEMPORARY EROSION CONTROL DETAIL SHEETS FOR ADDITIONAL DETAILS.
5. WHERE LEDGE IS EXPOSED, GRAVEL BAGS MAY BE USED INSTEAD OF FILTER CURTAIN. PAYMENT FOR THIS ITEM SHALL BE INCIDENTAL TO ITEM 649.61 \*GEOTEXTILE FOR FILTER CURTAIN.\*



**LEGEND**

	SILT FENCE
	LIMITS OF SOIL DISTURBANCE
	EROSION MATTING
	PROJECT DEMARCATION FENCE
	STONE DROP INLET PROTECTION

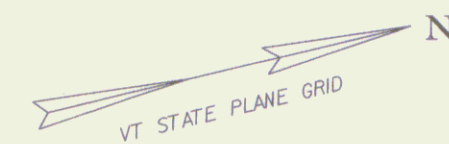
**653.41 - INLET PROTECTION, TYPE I**  
 STA 303+17.00 LT  
 STA 303+17.00 RT  
 STA 304+25.00 LT  
 STA 304+25.00 RT

**653.55 - PROJECT DEMARCATION FENCE**  
 STA 302+00.00 LT - 303+21.21 LT  
 STA 302+00.00 RT - 302+75.28 RT  
 STA 303+14.71 RT - 303+67.90 RT  
 STA 303+55.55 LT - 304+67.54 LT  
 STA 304+07.31 RT - 305+00.00 RT

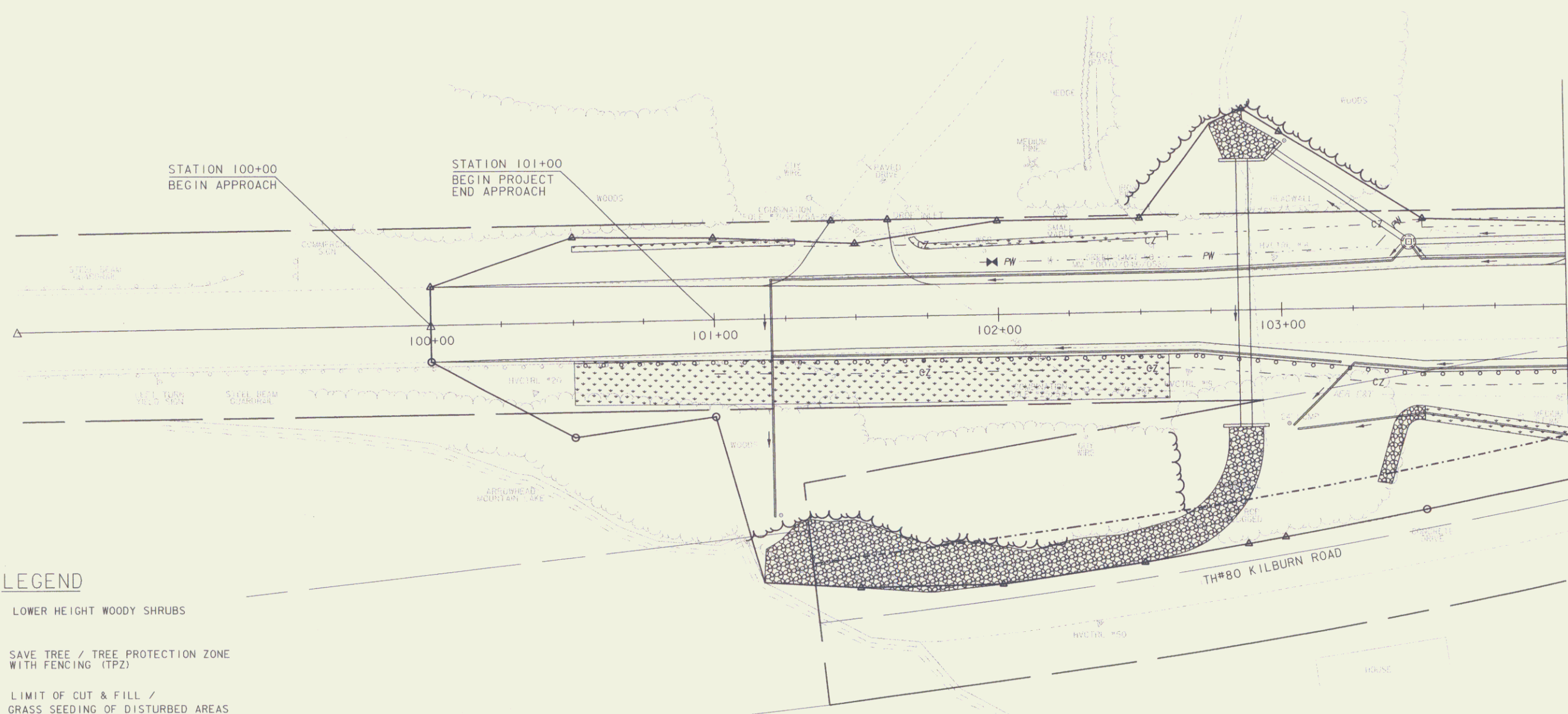
EXISTING & PROPOSED WATERLINES ARE FOR REFERENCE ONLY PLEASE REFER TO WATERLINE SHEETS XX-XX



PROJECT NAME: MILTON	PLOT DATE: 29-JAN-2010
PROJECT NUMBER: STP 5800 (2)	DRAWN BY: D. LYMAN
FILE NAME: 92d289\FROW\92d289ec4.1	CHECKED BY: J. DEVLIN
PROJECT LEADER: J. SCHULTZ	R.O.W. SHEET 17 OF 28
DESIGNED BY: D. LYMAN	
R.O.W. EPSC LAYOUT SHEET 4	



STORMWATER TREATMENT PRACTICE

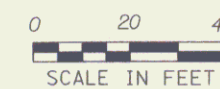


**LEGEND**

- LOWER HEIGHT WOODY SHRUBS
- SAVE TREE / TREE PROTECTION ZONE WITH FENCING (TFZ)
- LIMIT OF CUT & FILL / GRASS SEEDING OF DISTURBED AREAS
- TOPSOIL BACKFILL MIX
- DENOTES TREE OR STUMP REMOVAL

NOTE: EXISTING LANDSCAPE FEATURES LOCATED BEYOND PROPOSED PROJECT DEMARCATION FENCE SHALL REMAIN UNDISTURBED THROUGHOUT CONSTRUCTION

EXISTING & PROPOSED WATERLINES ARE FOR REFERENCE ONLY PLEASE REFER TO WATERLINE SHEETS XX-XX

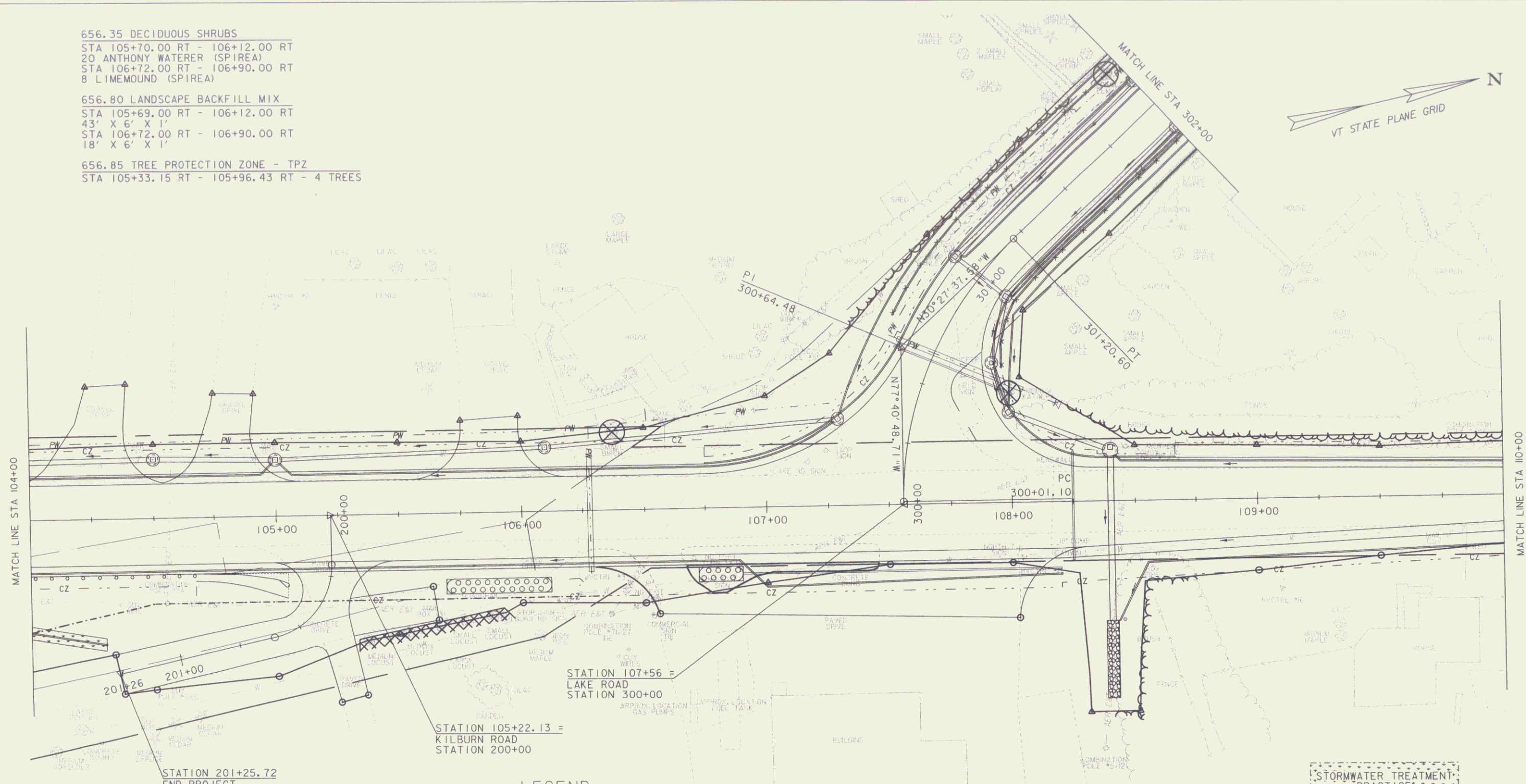


PROJECT NAME:	MILTON	PLOT DATE:	29-JAN-2010
PROJECT NUMBER:	STP 5800 (2)	DRAWN BY:	D. LYMAN
FILE NAME:	92d289\ROW\92d289land.l	CHECKED BY:	J. DEVLIN
PROJECT LEADER:	J. SCHULTZ	R.O.W. SHEET	(18) OF 28
DESIGNED BY:	D. LYMAN		

656.35 DECIDUOUS SHRUBS  
 STA 105+70.00 RT - 106+12.00 RT  
 20 ANTHONY WATERER (SPIREA)  
 STA 106+72.00 RT - 106+90.00 RT  
 8 LIMEMOUND (SPIREA)

656.80 LANDSCAPE BACKFILL MIX  
 STA 105+69.00 RT - 106+12.00 RT  
 43' X 6' X 1'  
 STA 106+72.00 RT - 106+90.00 RT  
 18' X 6' X 1'

656.85 TREE PROTECTION ZONE - TPZ  
 STA 105+33.15 RT - 105+96.43 RT - 4 TREES



**LEGEND**

- LOWER HEIGHT WOODY SHRUBS
- SAVE TREE / TREE PROTECTION ZONE WITH FENCING (TPZ)
- LIMIT OF CUT & FILL / GRASS SEEDING OF DISTURBED AREAS
- TOPSOIL BACKFILL MIX
- DENOTES TREE OR STUMP REMOVAL

NOTE: EXISTING LANDSCAPE FEATURES LOCATED BEYOND PROPOSED PROJECT DEMARCATION FENCE SHALL REMAIN UNDISTURBED THROUGHOUT CONSTRUCTION



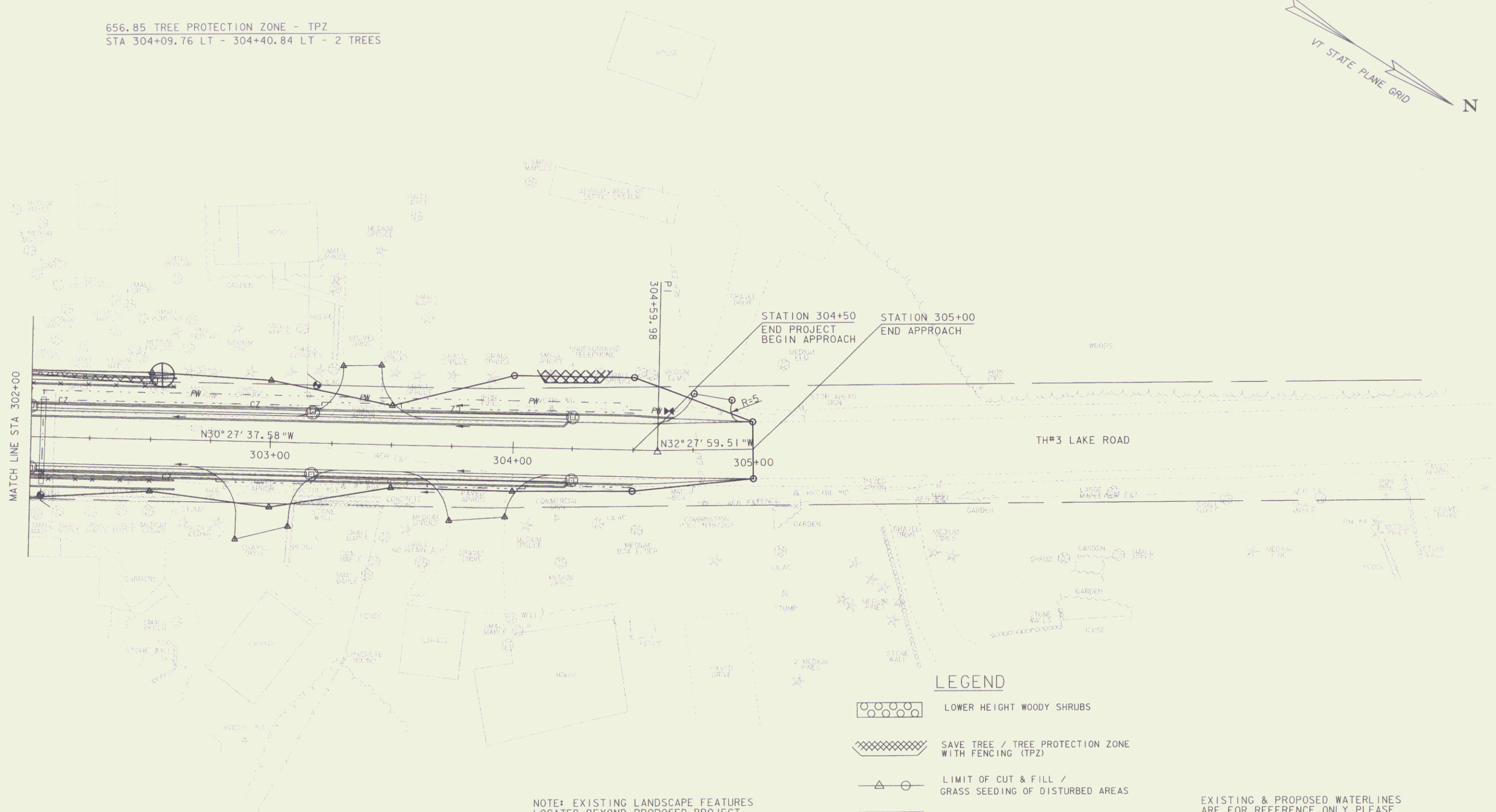
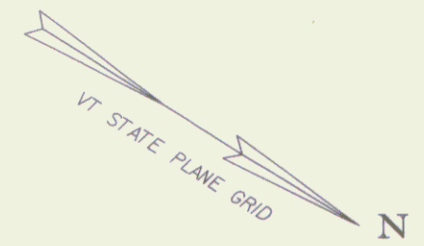
EXISTING & PROPOSED WATERLINES ARE FOR REFERENCE ONLY PLEASE REFER TO WATERLINE SHEETS XX-XX

PROPOSED SERVICE LINE AND WATER SHUT OFF AT APPROXIMATE STA 301+68.42 LT SHALL BE LOCATED ENTIRELY INSIDE THE EXISTING TOWN OF MILTON UTILITY EASEMENT

PROJECT NAME:	MILTON	FILE NAME:	92d289\ROW\92d289land2.i	PLOT DATE:	29-JAN-2010
PROJECT NUMBER:	STP 5800 (2)	PROJECT LEADER:	J. SCHULTZ	DRAWN BY:	D. LYMAN
		DESIGNED BY:	D. LYMAN	CHECKED BY:	J. DEVLIN
		R.O.W. LANDSCAPE LAYOUT SHEET 2		R.O.W. SHEET	19 OF 28

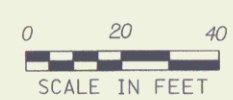


656.85 TREE PROTECTION ZONE - TPZ  
 STA 304+09.76 LT - 304+40.84 LT - 2 TREES



NOTE: EXISTING LANDSCAPE FEATURES  
 LOCATED BEYOND PROPOSED PROJECT  
 DEMARCATION FENCE SHALL REMAIN  
 UNDISTURBED THROUGHOUT CONSTRUCTION

- LEGEND**
- LOWER HEIGHT WOODY SHRUBS
  - SAVE TREE / TREE PROTECTION ZONE WITH FENCING (TPZ)
  - LIMIT OF CUT & FILL / GRASS SEEDING OF DISTURBED AREAS
  - TOPSOIL BACKFILL MIX
  - DENOTES TREE OR STUMP REMOVAL



EXISTING & PROPOSED WATERLINES  
 ARE FOR REFERENCE ONLY PLEASE  
 REFER TO WATERLINE SHEETS XX-XX

PROJECT NAME:	MILTON
PROJECT NUMBER:	STP 5800 (2)
FILE NAME:	92d289\ROW\92d289\and4.1
PROJECT LEADER:	J. SCHULTZ
DESIGNED BY:	D. LYMAN
R.O.W. LANDSCAPE LAYOUT SHEET 4	
PLOT DATE:	29-JAN-2010
DRAWN BY:	D. LYMAN
CHECKED BY:	J. DEVLIN
R.O.W. SHEET	(2) OF 28

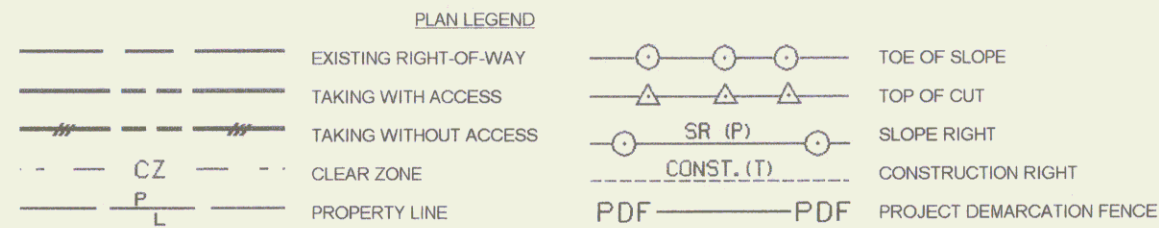
# RIGHT - OF - WAY DETAIL SHEET

TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE	REMAINDER	RIGHT			RECORDING DATA				REMARKS			
					AREA±	AREA±	TYPE	(T)(P)	AREA ±	TITLE	DATE	TOWN / CITY	BOOK		PAGE		
1	NOT USED																
2	MASON, PETER M. & TONYA M.	25,26	102+46 LT	104+07 LT			CONST.	(T)	1,644 SF	WD	11/02/10	MILTON	397	175	INCLUDES PDF / BF		
			102+51 LT	103+46 LT			SLOPE	(T)	1,675 SF								
			102+75 LT	103+31 LT			INSTALL & MAINTAIN	(P)	463 SF							CULVERTS, HEADWALLS & STONE DITCH	
			102+74 LT	103+13 LT			REMOVE	(T)								HEADWALL	
			102+98 LT				DRAINAGE	(P)									
			103+38 LT	104+50 LT			UTILITY	(P)	237 SF							MUNICIPAL WATER SYSTEM	
			104+31.22 LT	104+50 LT			DRIVE	(T)								15.9' GRAVEL MM 5887	
	104+48 LT			INSTALL	(T)	10 SF								PDF			
3A	RITCHIE, LAURIE J. & JOHN L.	26	104+49 LT	106+80 LT			UTILITY	(P)	921 SF	OPTION	02/28/11	MILTON	402	169	MUNICIPAL WATER SYSTEM		
			104+49 LT	104+62 LT			INSTALL	(T)	92 SF							PDF	
			104+83.50 LT				DRIVE	(T)								16.7' GRAVEL MM 5897	
			105+01 LT	106+65 LT			INSTALL	(T)	536 SF							PDF	
			105+87.17 LT				DRIVE	(T)								23.7' GRAVEL MM 5916	
			106+30 LT	106+60 LT			REMOVE & RESET	(T)								FENCE	
			106+51 LT				D & C	(T)								WATER SERVICE	
			106+52 LT	106+65 LT			SLOPE	(T)	9 SF							PDF	
			107+00 LT	107+09 LT			INSTALL	(T)	4 SF								PDF
			TH 3 300+86 LT	TH 3 301+90 LT			CONST.	(T)	48 SF								INCLUDES PDF
			TH 3 301+10 LT	TH 3 301+77 LT			INSTALL & MAINTAIN	(P)	44 SF								RETAINING WALL
			TH 3 300+86 LT	TH 3 301+77 LT			SLOPE	(T)	118 SF								INCLUDES PDF
			TH 3 301+40 LT	TH 3 301+77 LT			REMOVE	(T)									FENCE
			TH 3 301+76.70 LT				REMOVE & REPLACE	(T)									IRON PIPE
3B		26	106+45.05 LT	107+32.18 LT	2,533 SF										U.S. RTE. 7 & TH 3 HWY. EASE		
4	GARROW, PAUL G. & TINA M.	26,28	TH 3 301+76.70 LT				REMOVE & REPLACE	(T)		WD	10/12/10	MILTON	396	239	IRON PIPE		
			TH 3 301+77 LT	TH 3 303+08 LT			SLOPE	(T)	250 SF							INCLUDES PDF	
			TH 3 301+77 LT	TH 3 302+60 LT			INSTALL & MAINTAIN	(P)	160 SF							RETAINING WALL	
			TH 3 301+77 LT	TH 3 302+52 LT			REMOVE	(T)								HEDGE	
			TH 3 302+54 LT				REMOVE	(T)								LLAC	
			TH 3 303+00 LT	TH 3 303+21 LT			INSTALL	(T)	9 SF							PDF	
			TH 3 303+15 LT	TH 3 303+18 LT			D & C	(T)								WATER SERVICE	
			TH 3 303+37.16 LT				DRIVE	(T)								16.0' GRAVEL	
			TH 3 303+60 LT	TH 3 303+90 LT			INSTALL	(T)	110 SF								PDF
			TH 3 303+80 LT	TH 3 303+90 LT			SLOPE	(T)	14 SF								IRON PIPE
			TH 3 303+89.57 LT	TH 3 303+89.90 LT			REMOVE & REPLACE	(T)									
5	NADEAU, CHRISTOPHER A. & ALLYSON B.	28	TH 3 303+89 LT	TH 3 304+68 LT			INSTALL	(T)	378 SF	GTR	08/30/10	MILTON	394	233	PDF & TPZ		
			TH 3 303+89 LT	TH 3 304+61 LT			SLOPE	(T)	278 SF							INCLUDES TPZ	
			TH 3 303+89.57 LT	TH 3 303+89.90 LT			REMOVE & REPLACE	(T)								IRON PIPE	
6	JOHNSON, EBENEZER W. JR. & CAROL J.	28	TH 3 303+85.78 RT												DRIVE (T) GTR 08/30/10 MILTON 394 231 22.7' GRAVEL		

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE
1	23, 25	PARCEL NO. 11 HEIRS OF MURETTA KILBURN. REVISED END STATION OF TAKE AREA. PER C.O. 9601 MADE BY: MT APPROVED BY: HP	02/16/10
2	24	PARCEL NO. 13 CENTRAL VERMONT PUBLIC SERVICE CORPORATION. REVISED AREA OF DITCH & DRAINAGE EASEMENT ON DETAIL SHEET. PER C.O. 9602 MADE BY: MT APPROVED BY: HP	02/16/10
3	25	PACEL NO. 11 HEIRS OF MURETTA KILBURN. REVISED FOOTAGE BETWEEN STATION 99+29.46 AND 102+93.02. PER C.O. 9605 MADE BY: MT APPROVED BY: HP	02/26/10



- BF - BARRIER FENCE
- D & C - DISCONNECT & CONNECT
- EC - EROSION CONTROL
- (P) - PERMANENT
- (T) - TEMPORARY
- DR - DRAINAGE RIGHT
- DIT - DITCHING RIGHT
- CH - CHANNEL RIGHT
- DRIVE - DRIVE RIGHT
- CUL - CULVERT RIGHT
- C&T - CLEARING & TRIMMING RIGHT
- SR - SLOPE RIGHT
- UE - UTILITY EASEMENT

APPROVED: HARRY PETROVS DATE: 01/29/10  
CHIEF, PLANS & TITLES

PLOT DATE 03/23/11

PROJECT NAME: MILTON  
PROJECT NUMBER: STP 5800 (2)  
FILE NAME: r 92d289 detail sheet.xls  
PROJECT LEADER: J. SHULTZ  
DESIGNED BY: D. LYMAN  
R.O.W. DETAIL SHEET #1

PLOT DATE:  
DRAWN BY: M.R.  
CHECKED BY: E.P.  
ROW SHEET 22 OF 28





621.80 REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA 100+50.00 RT - 101+42.67 RT  
 621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED  
 STA 100+50.00 RT - 104+00.00 RT

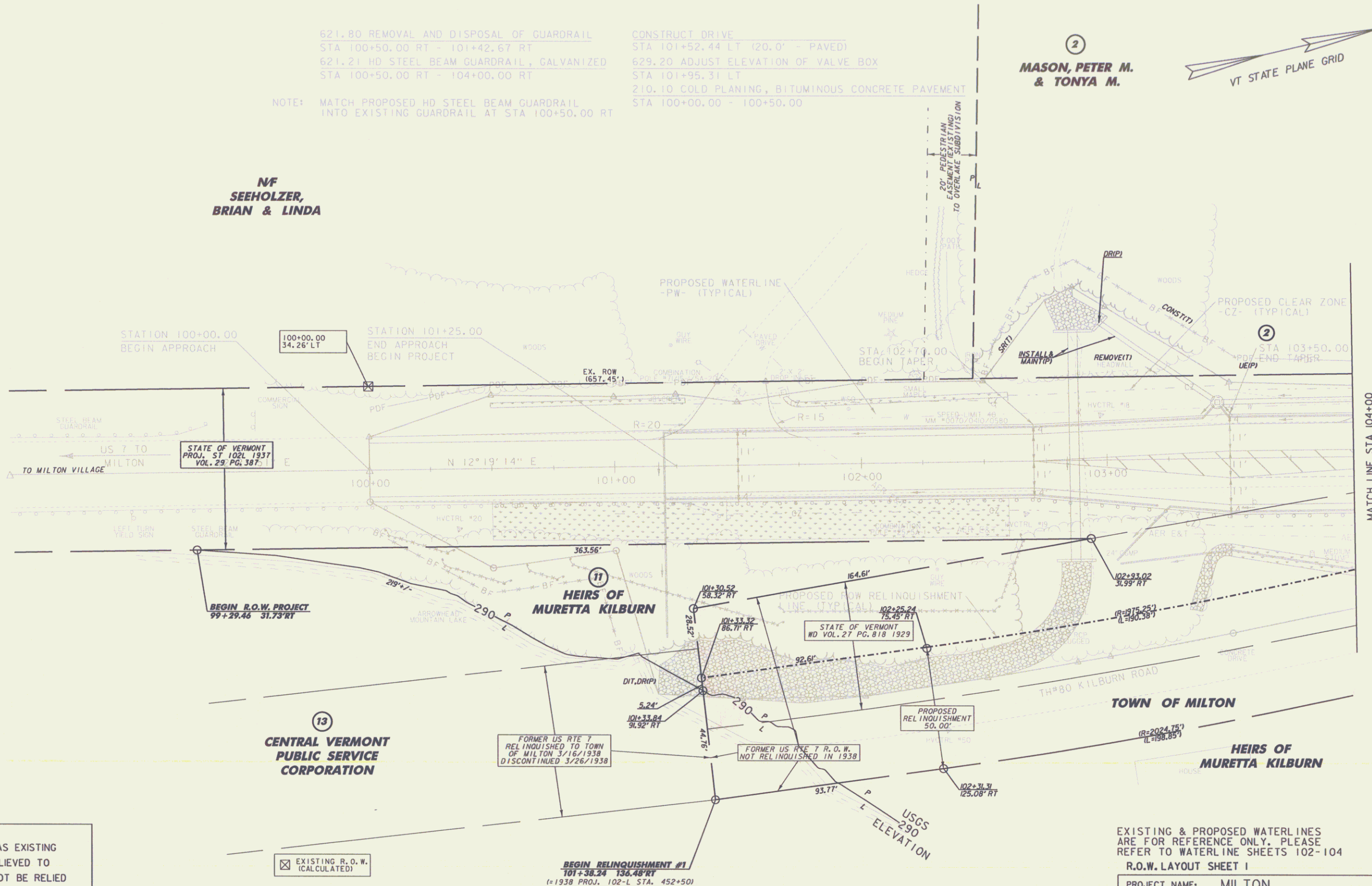
CONSTRUCT DRIVE  
 STA 101+52.44 LT (20.0' - PAVED)  
 629.20 ADJUST ELEVATION OF VALVE BOX  
 STA 101+95.31 LT  
 210.10 COLD PLANING, BITUMINOUS CONCRETE PAVEMENT  
 STA 100+00.00 - 100+50.00

NOTE: MATCH PROPOSED HD STEEL BEAM GUARDRAIL  
 INTO EXISTING GUARDRAIL AT STA 100+50.00 RT

②  
**MASON, PETER M.  
 & TONYA M.**



**NF  
 SEEHOLZER,  
 BRIAN & LINDA**



LINES SHOWN ON THIS PLAN AS EXISTING  
 PROPERTY LINES P/L ARE BELIEVED TO  
 BE ACCURATE BUT SHOULD NOT BE RELIED  
 UPON FOR PURPOSES UNRELATED TO THE  
 STATE OF VERMONT'S ACQUISITION OF LAND  
 AND RIGHTS FOR THIS PROJECT.

⊠ EXISTING R.O.W.  
 (CALCULATED)

**BEGIN RELINQUISHMENT #1**  
 101+38.24 136.48' RT  
 (= 1938 PROJ. 102-L STA. 452+50)

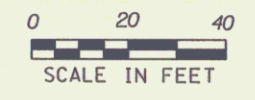
EXISTING & PROPOSED WATERLINES  
 ARE FOR REFERENCE ONLY. PLEASE  
 REFER TO WATERLINE SHEETS 102-104

**FOR R.O.W.  
 PURPOSES  
 ONLY**

R.O.W. LAYOUT SHEET 1  
 PROJECT NAME: MILTON  
 PROJECT NUMBER: STP 5800 (2)

FILE NAME: 92d289\ROW\92d289r11.I  
 PROJECT LEADER: J. SCHULTZ  
 DESIGNED BY: D. LYMAN  
 R.O.W. SHEET 25 OF 28

PLOT DATE: 24-JAN-2013  
 DRAWN BY: D. LYMAN  
 CHECKED BY: J. DEVLIN  
 SHEET 16 OF 104



900.675 SPECIAL PROVISION  
 (PRECAST CONCRETE GRAVITY  
 RETAINING WALL WITH FENCE)  
 STA 300+70.00 LT - 300+00.00 LT  
 STA 300+70.00 RT - 300+00.00 RT

CONSTRUCT DRIVE  
 STA 200+32.31 LT (13.9' - PAVED)  
 STA 200+49.49 LT (11.3' - PAVED)  
 STA 106+63.93 RT (18.0' - PAVED)  
 STA 107+73.89 RT (57.5' - PAVED)

401.10 AGGREGATE SURFACE COURSE  
 STA 104+31.22 LT (15.9' - GRAVEL DRIVE)  
 STA 104+83.50 LT (15.7' - GRAVEL DRIVE)  
 STA 105+87.17 LT (22.7' - GRAVEL DRIVE)

616.20 GRANITE SLOPE EDGING  
 STA 105+83.13 RT - 106+55.80 RT  
 STA 106+66.88 RT - 107+45.52 RT (15' AND)

616.21 VERTICAL GRANITE CURB  
 STA 106+75.00 LT - 302+00.00 LT  
 STA 108+66.88 LT - 302+00.00 RT

616.41 REMOVAL OF EXISTING CURB  
 STA 106+14.19 RT - 106+54.51 RT  
 STA 106+65.77 RT - 107+45.70 RT

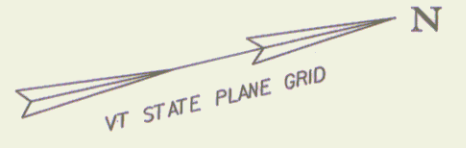
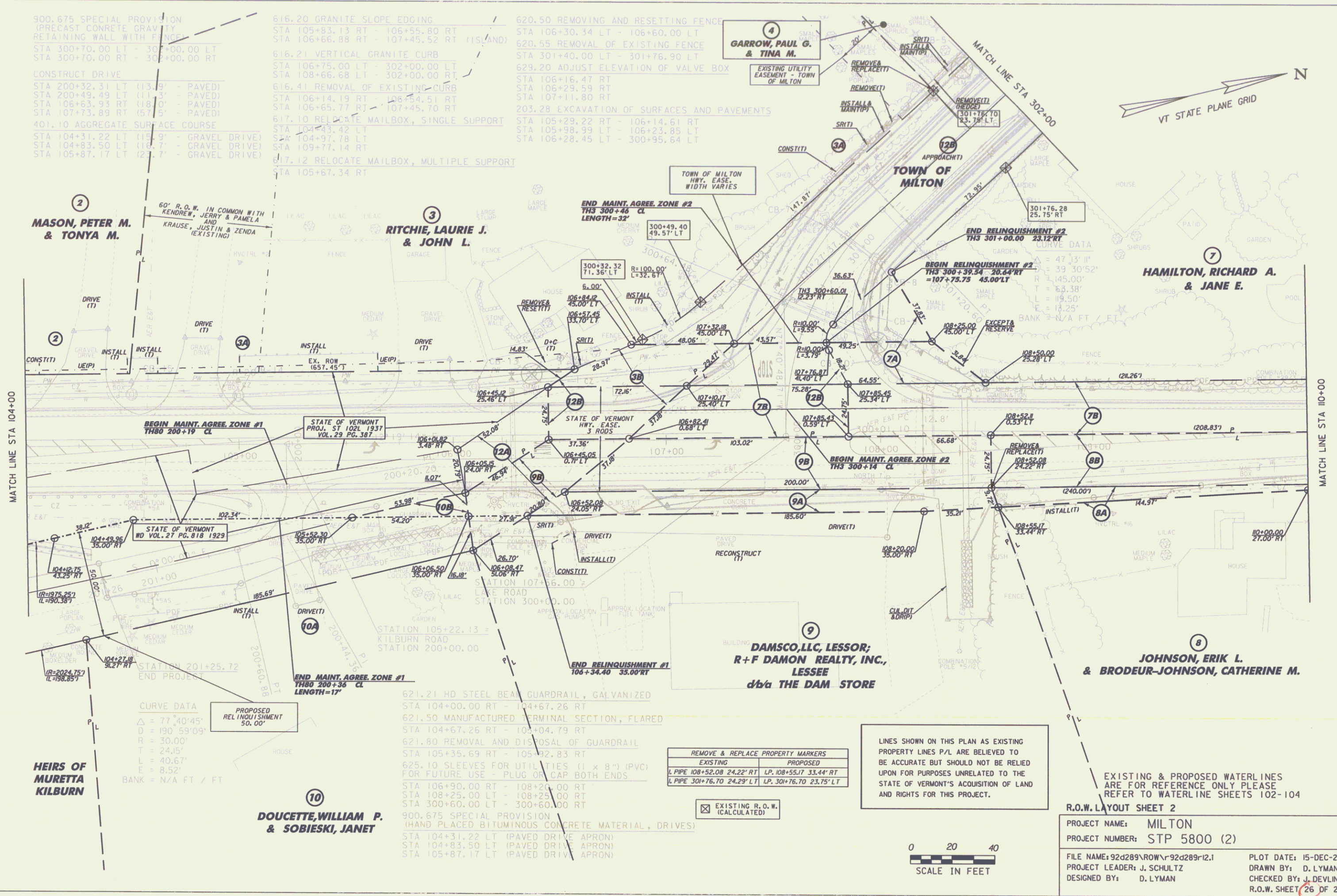
617.10 RELOCATE MAILBOX, SINGLE SUPPORT  
 STA 104+43.42 LT  
 STA 104+97.78 LT

617.12 RELOCATE MAILBOX, MULTIPLE SUPPORT  
 STA 105+67.34 RT

620.50 REMOVING AND RESETTING FENCE  
 STA 106+30.34 LT - 106+60.00 LT  
 620.55 REMOVAL OF EXISTING FENCE  
 STA 301+40.00 LT - 301+76.90 LT

629.20 ADJUST ELEVATION OF VALVE BOX  
 STA 106+16.47 RT  
 STA 106+29.59 RT  
 STA 107+11.80 RT

203.28 EXCAVATION OF SURFACES AND PAVEMENTS  
 STA 105+29.22 RT - 106+14.61 RT  
 STA 105+98.39 LT - 106+23.85 LT  
 STA 106+28.45 LT - 300+95.64 LT



MATCH LINE STA 104+00

MATCH LINE STA 100+00

**2**  
**MASON, PETER M.**  
**& TONYA M.**

**3**  
**RITCHIE, LAURIE J.**  
**& JOHN L.**

**4**  
**GARROW, PAUL G.**  
**& TINA M.**

**7**  
**HAMILTON, RICHARD A.**  
**& JANE E.**

**9**  
**DAMSCO, LLC, LESSOR;**  
**R+F DAMON REALTY, INC.,**  
**LESSEE**  
**dba THE DAM STORE**

**8**  
**JOHNSON, ERIC L.**  
**& BRODEUR-JOHNSON, CATHERINE M.**

**10**  
**DOUCETTE, WILLIAM P.**  
**& SOBIESKI, JANET**

**HEIRS OF**  
**MURETTA**  
**KILBURN**

CURVE DATA  
 $\Delta = 77.40'45''$   
 $D = 190.59'09''$   
 $R = 30.00'$   
 $T = 24.15'$   
 $L = 40.67'$   
 $E = 8.52'$   
 BANK = N/A FT / FT

621.21 HD STEEL BEAM GUARDRAIL, GALVANIZED  
 STA 104+00.00 RT - 104+67.26 RT  
 621.50 MANUFACTURED TERMINAL SECTION, FLARED  
 STA 104+67.26 RT - 105+04.79 RT  
 621.80 REMOVAL AND DISPOSAL OF GUARDRAIL  
 STA 105+35.69 RT - 105+92.83 RT  
 625.10 SLEEVES FOR UTILITIES (1 x 8") (PVC)  
 FOR FUTURE USE - PLUG OR CAP BOTH ENDS  
 STA 106+90.00 RT - 108+25.00 RT  
 STA 108+25.00 LT - 108+25.00 RT  
 STA 300+60.00 LT - 300+60.00 RT

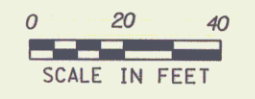
900.675 SPECIAL PROVISION  
 (HAND PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)  
 STA 104+31.22 LT (PAVED DRIVE APRON)  
 STA 104+83.50 LT (PAVED DRIVE APRON)  
 STA 105+87.17 LT (PAVED DRIVE APRON)

REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
L PIPE 108+52.08 24.22' RT	L P. 108+55.17 33.44' RT
L PIPE 301+76.70 24.29' LT	L P. 301+76.70 23.75' LT

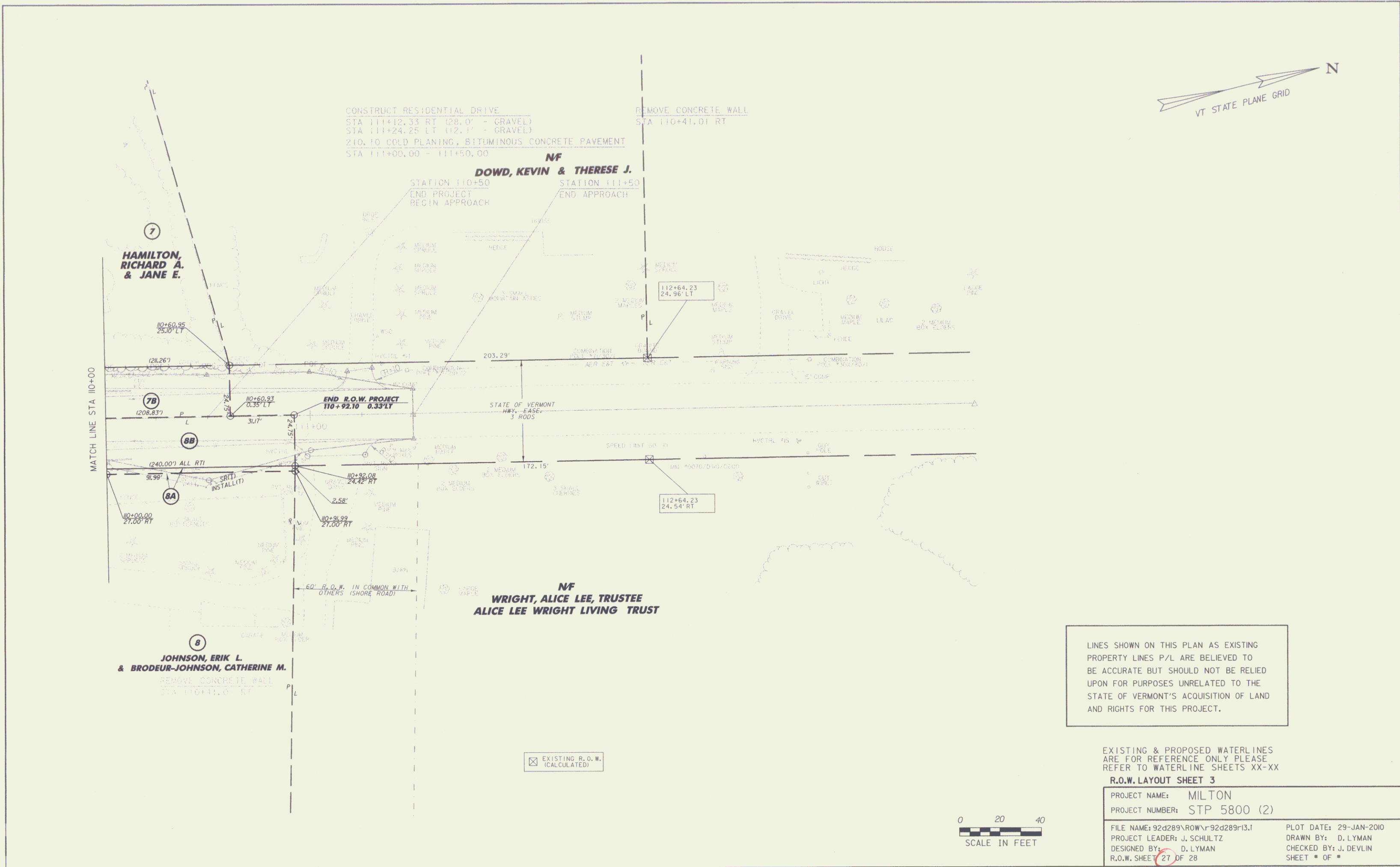
EXISTING R.O.W. (CALCULATED)

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES P/L ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

EXISTING & PROPOSED WATERLINES ARE FOR REFERENCE ONLY PLEASE REFER TO WATERLINE SHEETS 102-104



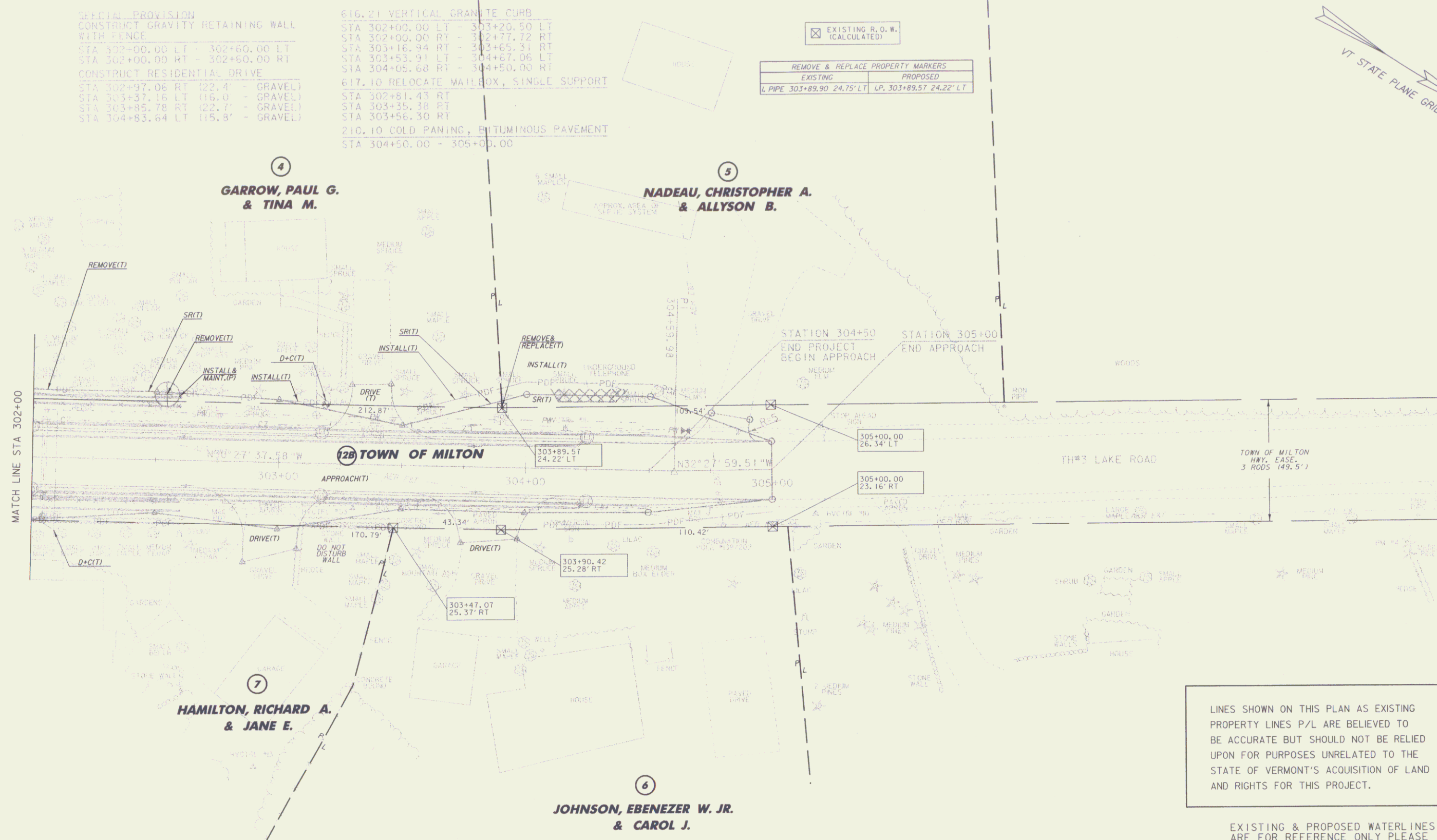
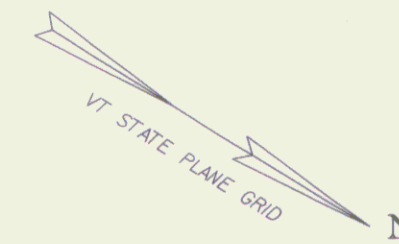
R.O.W. LAYOUT SHEET 2  
 PROJECT NAME: MILTON  
 PROJECT NUMBER: STP 5800 (2)  
 FILE NAME: 92d289\ROW\92d289r12.1  
 PROJECT LEADER: J. SCHULTZ  
 DESIGNED BY: D. LYMAN  
 PLOT DATE: 15-DEC-2010  
 DRAWN BY: D. LYMAN  
 CHECKED BY: J. DEVLIN  
 R.O.W. SHEET 26 OF 28



SPECIAL PROVISION  
 CONSTRUCT GRAVITY RETAINING WALL WITH FENCE  
 STA 302+00.00 LT - 302+60.00 LT  
 STA 302+00.00 RT - 302+60.00 RT  
 CONSTRUCT RESIDENTIAL DRIVE  
 STA 302+97.06 RT (22.4' - GRAVEL)  
 STA 303+37.16 LT (16.0' - GRAVEL)  
 STA 303+85.78 RT (22.7' - GRAVEL)  
 STA 304+83.64 LT (15.8' - GRAVEL)

616.21 VERTICAL GRANITE CURB  
 STA 302+00.00 LT - 303+20.50 LT  
 STA 302+00.00 RT - 302+77.72 RT  
 STA 303+16.94 RT - 303+05.31 RT  
 STA 303+53.91 LT - 304+67.06 LT  
 STA 304+05.68 RT - 304+50.00 RT  
 617.10 RELOCATE MAILBOX, SINGLE SUPPORT  
 STA 302+81.43 RT  
 STA 303+35.38 RT  
 STA 303+56.30 RT  
 210.10 COLD PANING, BITUMINOUS PAVEMENT  
 STA 304+50.00 - 305+00.00

EXISTING R.O.W. (CALCULATED)	
REMOVE & REPLACE PROPERTY MARKERS	
EXISTING	PROPOSED
1. PIPE 303+89.90 24.75' LT	LP 303+89.57 24.22' LT



LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES P/L ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

EXISTING & PROPOSED WATERLINES ARE FOR REFERENCE ONLY PLEASE REFER TO WATERLINE SHEETS XX-XX  
 R.O.W. LAYOUT SHEET 4

PROJECT NAME: MILTON  
 PROJECT NUMBER: STP 5800 (2)  
 FILE NAME: 92d289\ROW\92d289r14.l  
 PROJECT LEADER: J. SCHULTZ  
 DESIGNED BY: D. LYMAN  
 R.O.W. SHEET 28 OF 28

PLOT DATE: 29-JAN-2010  
 DRAWN BY: D. LYMAN  
 CHECKED BY: J. DEVLIN  
 SHEET 28 OF 28

