



# TYPICAL SECTIONS

- 50 mm BITUMINOUS CONCRETE PAVEMENT, TYPE III (ITEM 406.25)
- 100 mm SUBBASE OF CRUSHED GRAVEL, FINE GRADED (ITEM 301.26) JOGGING PATH
- 300 mm SUBBASE OF CRUSHED GRAVEL, COARSE GRADED (ITEM 301.25) - TO BE INCREASED TO 450 mm FOR VEHICLE CROSSINGS OR AS DIRECTED BY THE ENGINEER

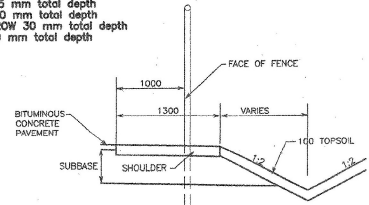
SHOULDERS: 100 mm TOPSOIL (ITEM 651.35)

0 mm TO 300 mm GRANULAR BORROW (ITEM 203.32) (IN FILLS)

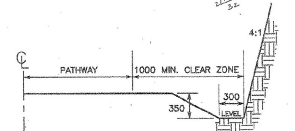
0 mm TO 300 mm SAND BORROW (ITEM 203.31) (IN CUTS)

AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER

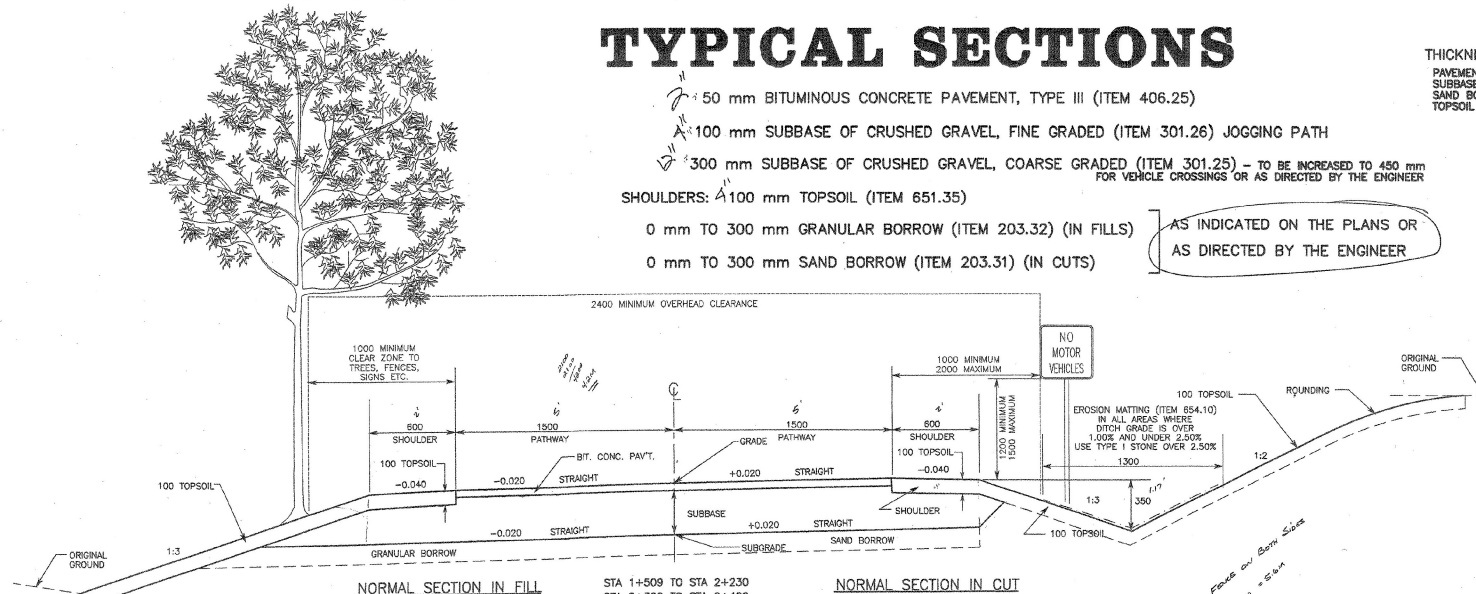
**THICKNESS TOLERANCES**  
 PAVEMENT 5 mm total depth  
 SUBBASE 30 mm total depth  
 SAND BORROW 30 mm total depth  
 TOPSOIL 30 mm total depth



DETAIL OF FENCE WITH DITCH



DETAIL OF SLOPES IN SOLID ROCK



NORMAL SECTION IN FILL

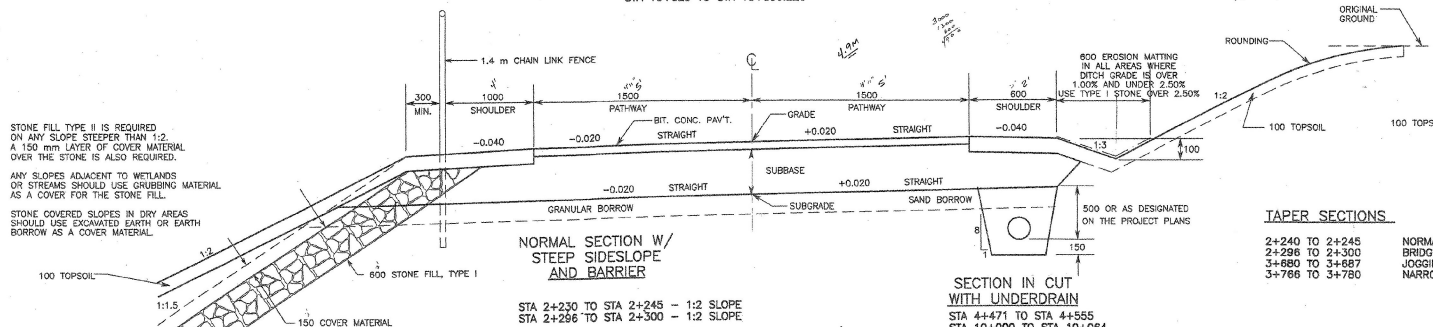
NORMAL SECTION IN CUT

STA 1+509 TO STA 2+230  
 STA 2+300 TO STA 2+420  
 STA 4+875 TO STA 4+944.500  
 STA 10+029 TO STA 10+066.226

STONE FILL TYPE II IS REQUIRED ON ANY SLOPE STEEPER THAN 1:2. A 150 mm LAYER OF COVER MATERIAL OVER THE STONE IS ALSO REQUIRED.

ANY SLOPES ADJACENT TO WETLANDS OR STREAMS SHOULD USE GRUBBING MATERIAL AS A COVER FOR THE STONE FILL.

STONE COVERED SLOPES IN DRY AREAS SHOULD USE EXCAVATED EARTH OR EARTH BORROW AS A COVER MATERIAL.



NORMAL SECTION W/ STEEP SIDESLOPE AND BARRIER

STA 2+230 TO STA 2+245 - 1:2 SLOPE  
 STA 2+286 TO STA 2+300 - 1:2 SLOPE

SECTION IN CUT WITH UNDERDRAIN  
 STA 4+471 TO STA 4+555  
 STA 10+000 TO STA 10+064  
 Q OFFSET PER SECTIONS

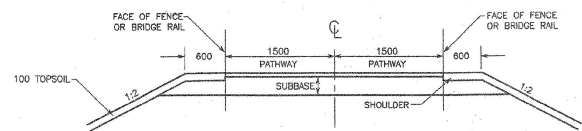
TAPER SECTIONS

2+240 TO 2+245  
 2+296 TO 2+300  
 3+680 TO 3+687  
 3+766 TO 3+780

NORMAL TO BRIDGE  
 BRIDGE TO NORMAL  
 JOGGING PATH TO NARROW JOGGING PATH  
 NARROW JOGGING PATH TO JOGGING PATH

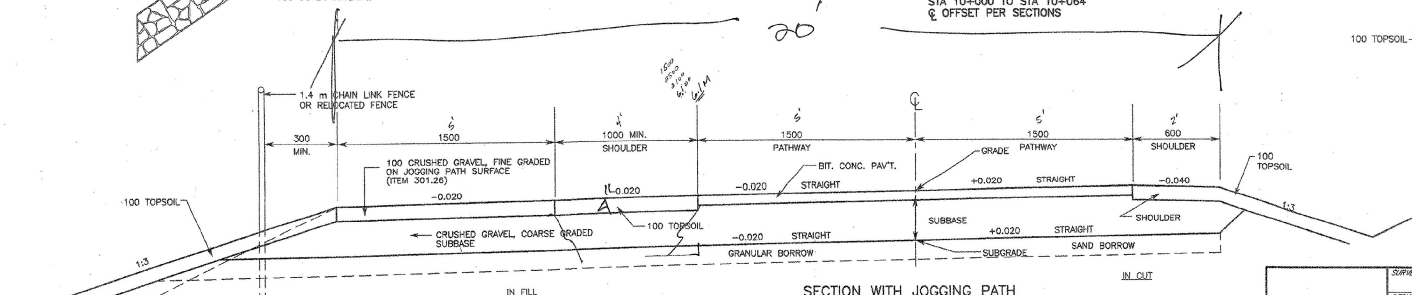
NARROW JOGGING PATH TYPICAL

STA 3+687-STA 3+766



SECTION AT BRIDGE ABUTMENTS

STA 2+245  
 STA 2+286



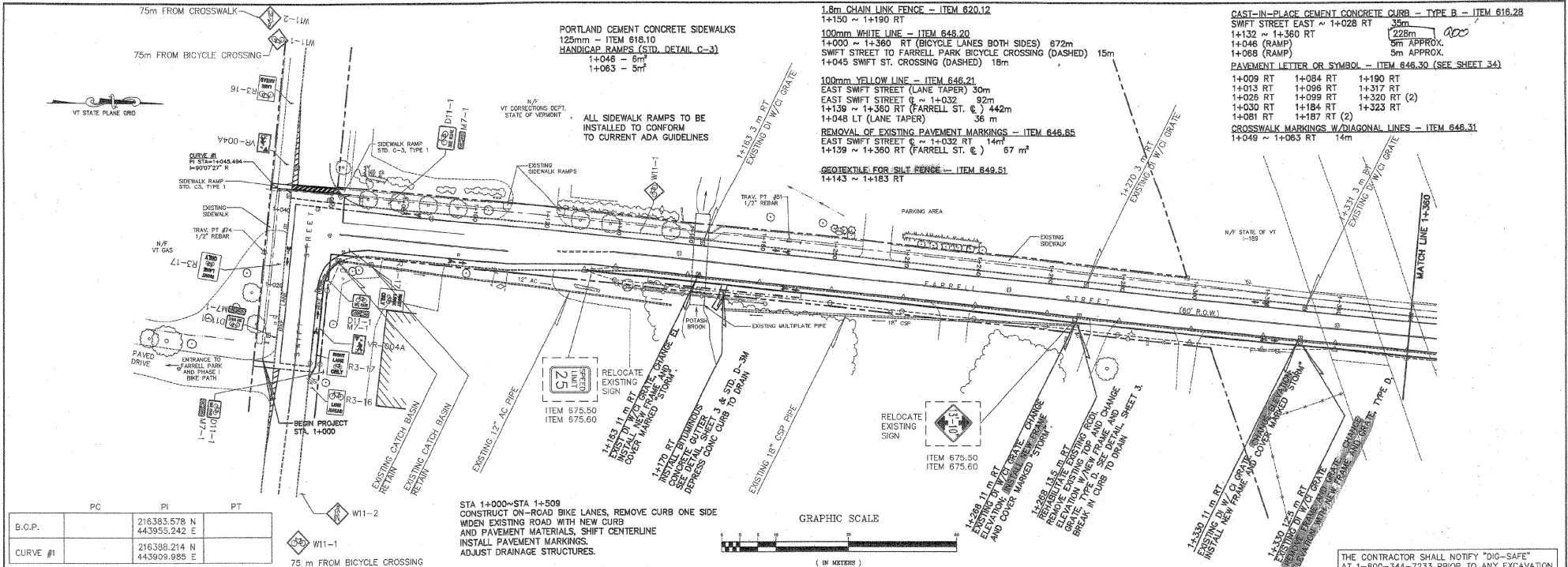
SECTION WITH JOGGING PATH

STA 2+420 TO STA 3+680  
 STA 3+780 TO STA 4+875  
 STA 10+000 TO STA 10+029  
 SUBBASE TO BE INCREASED TO 450 mm AT VEHICLE CROSSINGS:  
 STA 2+840 TO STA 3+000  
 STA 3+250 TO STA 3+300

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

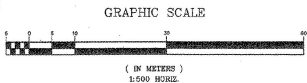
## CONSTRUCTION PLANS

SURVEY DESIGNED DRAWN CHECKED SCALE	SUMMIT ENGINEERING, LLC dba P.E.A. PINKHAM ENGINEERING ASSOCIATES, INC. Engineers • Planners • Landscape Architects • Surveyors 50 Joy Drive • P.O. Box 2828 South Burlington, VT 05407-0228	TYPICAL SECTIONS SOUTH BURLINGTON TRANSPORTATION PATH STP BIKE (S) SOUTH BURLINGTON, VERMONT	DATE
			3/22/00
FILE NAME: 0010100		SHEET 2 OF 79	PROJECT NO. 7091

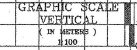
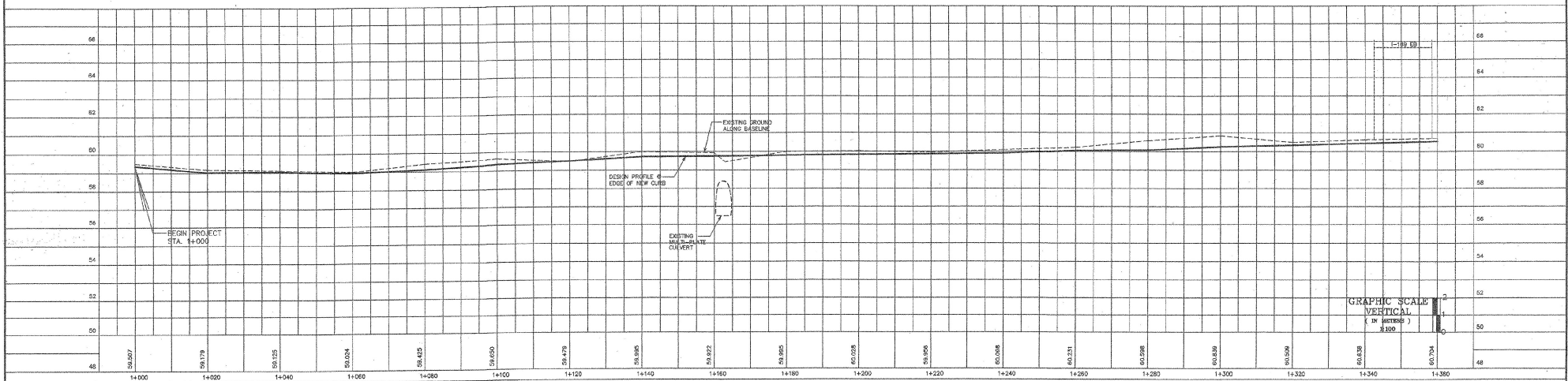


	PC	PI	PT
B.O.P.	216393.578 N	443955.242 E	
CURVE #1	216398.214 N	443909.985 E	

STA 14+000-STA 14+509  
 CONSTRUCT ON-ROAD BIKE LANES, REMOVE CURB ONE SIDE  
 WIDEN EXISTING ROAD WITH NEW CURB  
 AND PAVEMENT MATERIALS, SHIFT CENTERLINE  
 INSTALL PAVEMENT MARKINGS.  
 ADJUST DRAINAGE STRUCTURES.



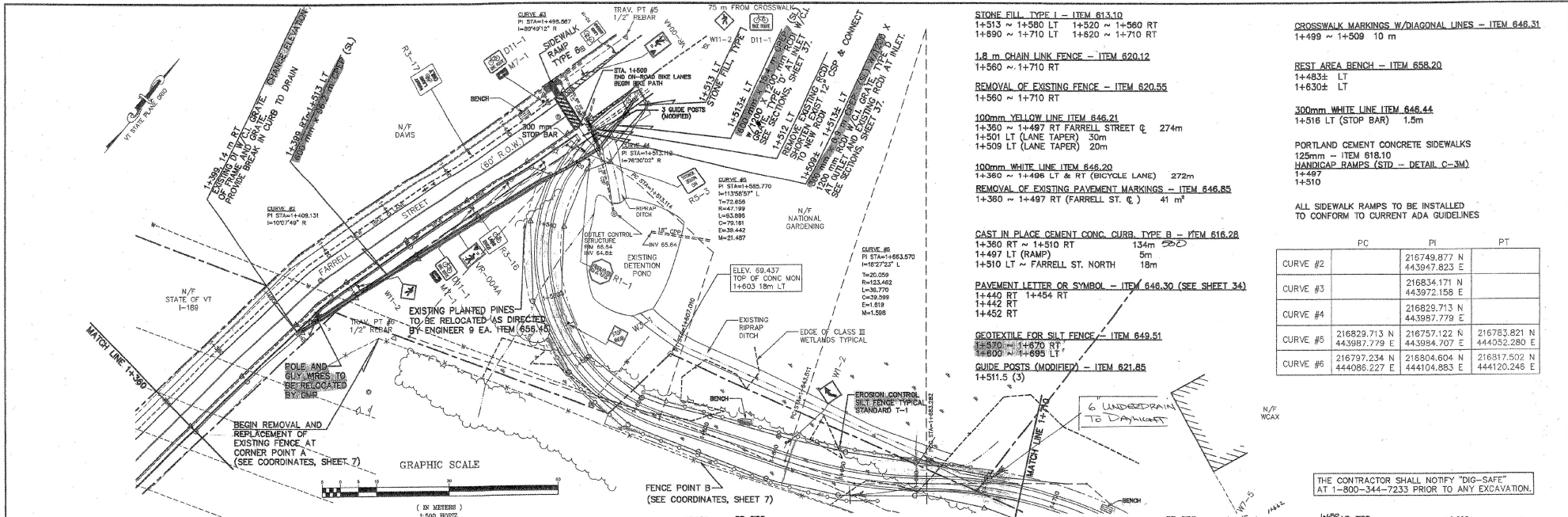
THE CONTRACTOR SHALL NOTIFY "DIG-SAFE"  
 AT 1-800-344-7233 PRIOR TO ANY EXCAVATION.



CONSTRUCTION PLANS



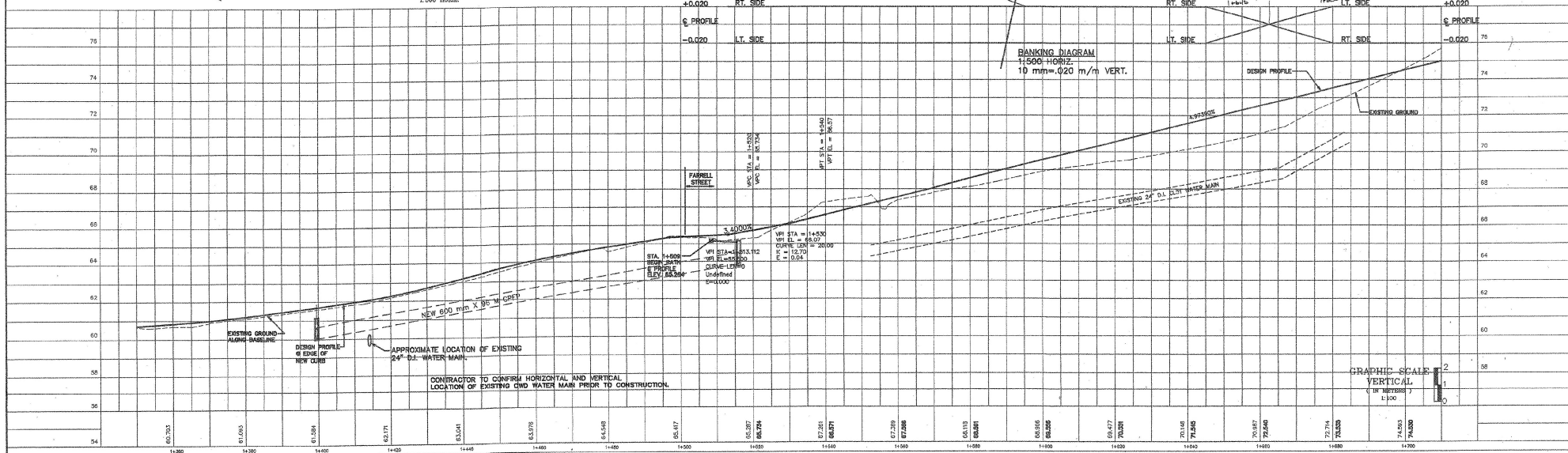
SURVEY PEA DESIGNER DAW DRAWN NPN CHECKED LBY SCALE 1/8" = 1'-0" VERT.	SUMMIT ENGINEERING, LLC dba 955. (802) 888-0088 	PLAN AND PROFILE DATE 3/22/00
	PINKHAM ENGINEERING ASSOCIATES, INC. Engineers • Planners • Landmarks Architects • Surveyors 50 Jopp Drive • P.O. Box 20205 South Burlington, VT 05407-0225	DRAWING NO. SHEET 16 OF 79
	SOUTH BURLINGTON TRANSPORTATION PATH STP BIKE (6) SOUTH BURLINGTON, VERMONT	PROJECT NO. 7091
	FILE NAME: 1010000	



- STONE FILL TYPE I - ITEM 613.10
  - 1+513 ~ 1+580 LT 1+520 ~ 1+560 RT
  - 1+690 ~ 1+710 LT 1+620 ~ 1+710 RT
- 1.8 m CHAIN LINK FENCE - ITEM 620.12
  - 1+560 ~ 1+710 RT
- REMOVAL OF EXISTING FENCE - ITEM 620.55
  - 1+560 ~ 1+710 RT
- 100mm YELLOW LINE ITEM 646.21
  - 1+380 ~ 1+497 RT FARRELL STREET @ 274m
  - 1+501 LT (LANE TAPER) 30m
  - 1+509 LT (LANE TAPER) 20m
- 100mm WHITE LINE ITEM 646.20
  - 1+360 ~ 1+496 LT & RT (BICYCLE LANE) 272m
- REMOVAL OF EXISTING PAVEMENT MARKINGS - ITEM 646.85
  - 1+360 ~ 1+497 RT (FARRELL ST. @) 41 m<sup>2</sup>
- CAST IN PLACE CEMENT CONC. CURB TYPE B - ITEM 616.28
  - 1+380 RT ~ 1+510 RT 134m *SDC*
  - 1+497 LT (RAMP) 5m
  - 1+510 LT ~ FARRELL ST. NORTH 18m
- PAVEMENT LETTER OR SYMBOL - ITEM 646.30 (SEE SHEET 34)
  - 1+440 RT 1+454 RT
  - 1+442 RT
  - 1+452 RT
- GEOTEXTILE FOR SILT FENCE - ITEM 649.51
  - 1+570 ~ 1+670 RT
  - 1+600 ~ 1+695 LT
- GUIDE POSTS (MODIFIED) - ITEM 621.85
  - 1+511.5 (3)

- CROSSWALK MARKINGS W/DIAGONAL LINES - ITEM 646.31
  - 1+499 ~ 1+509 10 m
- REST AREA BENCH - ITEM 658.20
  - 1+483± LT
  - 1+630± LT
- 300mm WHITE LINE ITEM 646.44
  - 1+516 LT (STOP BAR) 1.0m
- PORTLAND CEMENT CONCRETE SIDEWALKS
  - 125mm - ITEM 618.10
  - HANDICAP RAMPS (STD - DETAIL C-3M) 1+487
  - 1+510
- ALL SIDEWALK RAMPS TO BE INSTALLED TO CONFORM TO CURRENT ADA GUIDELINES

	PC	PI	PT
CURVE #2		216749.877 N 443947.823 E	
CURVE #3		216834.171 N 443972.158 E	
CURVE #4		216829.713 N 443987.779 E	
CURVE #5	216829.713 N 443987.779 E	216757.122 N 443984.707 E	216783.821 N 444052.280 E
CURVE #6	216797.234 N 444086.227 E	216804.604 N 444104.883 E	216817.502 N 444120.246 E



DATE: 3/22/00

DRAWING NO: SHEET 17 OF 79

PROJECT NO: 7091

PLAN AND PROFILE

**SOUTH BURLINGTON TRANSPORTATION PATH**

STP BIKE (B)

SOUTH BURLINGTON, VERMONT

SURVEY: PEA

DESIGNED: DAW

CHECKED: NPN

DATE: LDY

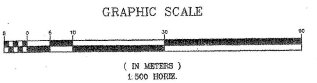
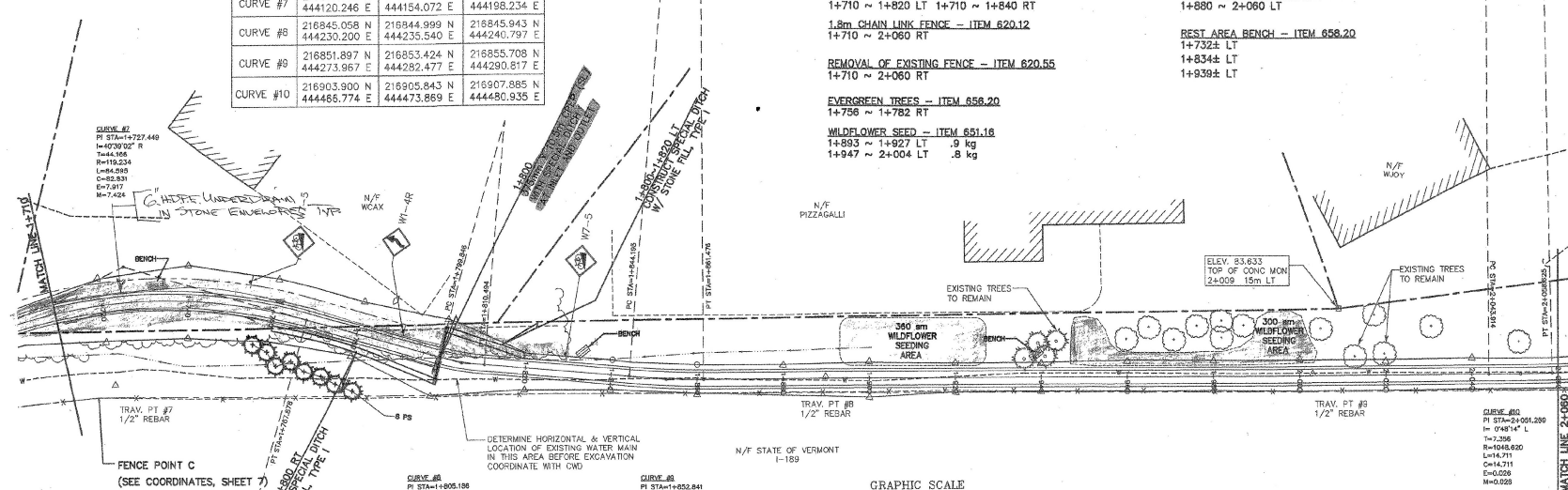
SCALE: HORIZ. 1"=100'

**SUMMIT ENGINEERING, LLC dba**

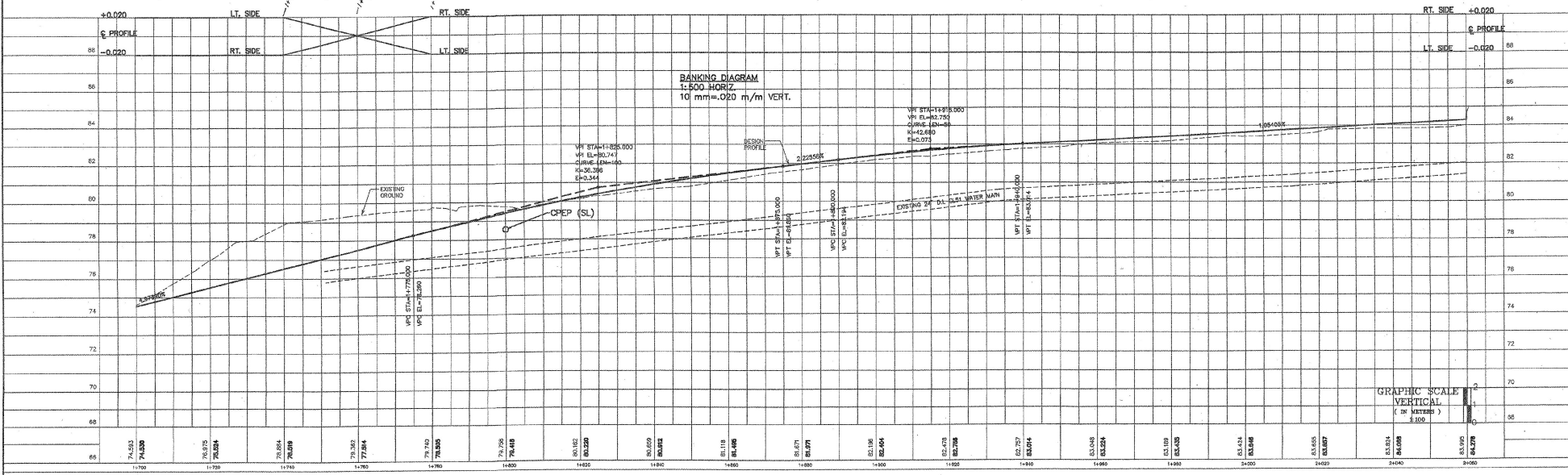
60 Loy Drive • P.O. Box 2225  
South Burlington, VT 05407-2225

	PC	PI	PT
CURVE #7	216817.502 N 444120.246 E	216845.902 N 444154.072 E	216845.412 N 444198.234 E
CURVE #8	216845.058 N 444230.200 E	216844.999 N 444235.540 E	216845.943 N 444240.797 E
CURVE #9	216851.897 N 444273.957 E	216853.424 N 444282.477 E	216855.708 N 444290.817 E
CURVE #10	216903.900 N 444465.774 E	216905.843 N 444473.969 E	216907.885 N 444480.935 E

- STONE FILL TYPE I - ITEM 613.10  
1+710 ~ 1+820 LT 1+710 ~ 1+840 RT
- 1.8m CHAIN LINK FENCE - ITEM 620.12  
1+710 ~ 2+060 RT
- REMOVAL OF EXISTING FENCE - ITEM 620.55  
1+710 ~ 2+060 RT
- EVERGREEN TREES - ITEM 656.20  
1+756 ~ 1+782 RT
- WILDFLOWER SEED - ITEM 651.16  
1+893 ~ 1+927 LT .9 kg  
1+947 ~ 2+004 LT .8 kg
- EROSION MATTING - ITEM 654.10  
1+880 ~ 2+060 LT
- REST AREA BENCH - ITEM 658.20  
1+732± LT  
1+834± LT  
1+939± LT



THE CONTRACTOR SHALL NOTIFY "DIG-SAFE" AT 1-800-344-7233 PRIOR TO ANY EXCAVATION.



KEY	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	MISC
PS	8	Pinus strobus	White Pine	1500-1800 mm	B&B

CONSTRUCTION PLANS



SURVEY PEA DESIGNED DAW CHECKED NPN CHECKED LDY SCALE 1:500 HORIZ. 1:100 VERT.	SUMMIT ENGINEERING, LLC dba 888.960.458-558  PINKHAM ENGINEERING ASSOCIATES, INC. Engineers • Planners • Landscape Architects • Surveyors 60 Joy Drive • P.O. Box 2225 South Burlington, VT 05407-2225	PLAN AND PROFILE SOUTH BURLINGTON TRANSPORTATION PATH STP BIKE (6) SOUTH BURLINGTON, VERMONT	DATE 3/22/00 DRAWING NO. SHEET 18 OF 79 PROJECT NO. 7091
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	PC	PI	PT
CURVE #11	216933.978 N 444571.215 E	216939.200 N 444593.284 E	216957.135 N 444594.953 E
CURVE #12	216957.135 N 444594.953 E	216979.551 N 444502.039 E	216983.819 N 444625.159 E
CURVE #13	216996.372 N 444693.137 E	216998.758 N 444706.059 E	216992.380 N 444717.549 E
CURVE #14	216992.380 N 444717.549 E	216987.935 N 444725.584 E	216988.902 N 444734.660 E
CURVE #15	216998.902 N 444734.660 E	216990.157 N 444746.476 E	216993.511 N 444757.873 E

EVERGREEN TREES - ITEM 656.20  
2+223~2+238 LT

DECIDUOUS TREES - ITEM 656.30  
2+309 LT  
2+315 LT

STONE FILL TYPE I - ITEM 613.10  
2+170~2+243 LT 2+300~2+340 RT  
2+300~2+340 LT

1.8m CHAIN LINK FENCE - ITEM 620.12  
2+060~2+410 RT

1.4m CHAIN LINK FENCE - ITEM 620.11 (MOD)  
2+228~2+245 LT 2+228~2+245 RT  
2+286~2+304 LT 2+296~2+325 RT

EROSION MATTING - ITEM 654.10  
2+080~2+070 LT 2+120~2+170 RT  
2+120~2+170 LT  
2+340~2+410 LT

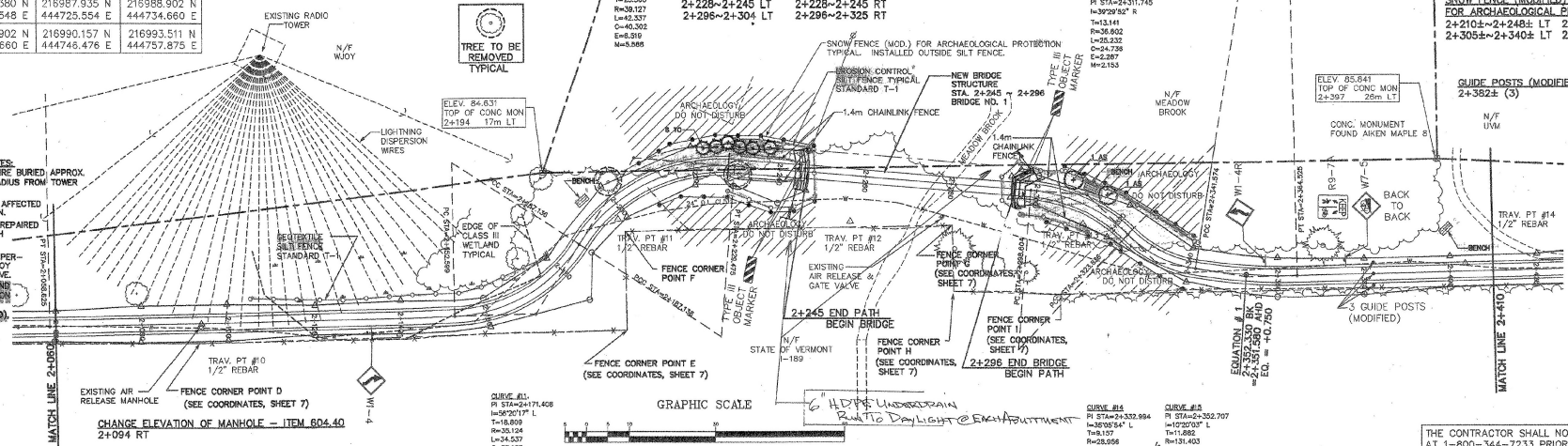
REMOVAL OF EXISTING FENCE - ITEM 620.55  
2+060± ~ 2+410± RT

REST AREA BENCH - ITEM 658.20  
2+185± LT  
2+310± LT  
2+400± LT

GEOTEXTILE FOR SILT FENCE - ITEM 649.51  
2+105±~2+180± LT  
2+230±~2+248± LT 2+228±~2+248± RT  
2+292±~2+340± LT 2+292±~2+316± RT

SNOW FENCE (MODIFIED) - ITEM 620.70  
FOR ARCHAEOLOGICAL PROTECTION  
2+210±~2+248± LT 2+210±~2+248± RT  
2+305±~2+340± LT 2+305±~2+340± RT

GUIDE POSTS (MODIFIED) - ITEM 621.85  
2+382± (3)



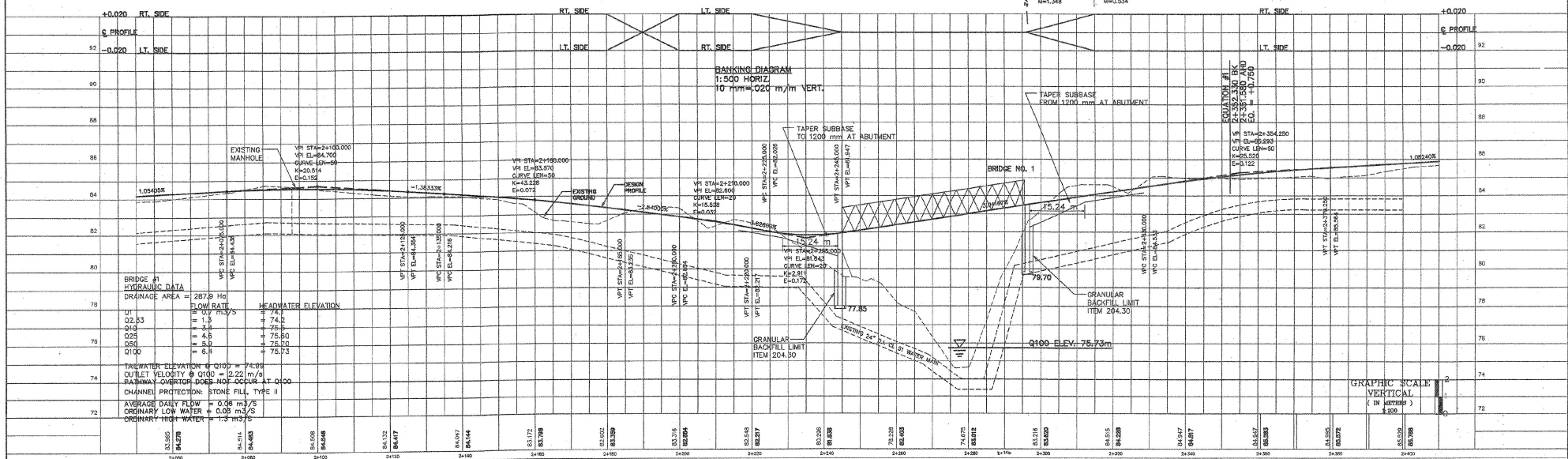
- LIGHTNING DISPERSION UNDERGROUND COPPER WIRE NOTES:**
- 1) NO. 10 BORE SOFT COPPER WIRE BURIED APPROX. 1'-0" BELOW GROUND 200' RADIUS FROM TOWER 3' APART.
  - 2) CONTRACTOR TO LOCATE ALL AFFECTED WIRES PRIOR TO CONSTRUCTION.
  - 3) ALL DISTURBED WIRES TO BE REPAIRED PRIOR TO PLACEMENT OF PATH SUBBASE.
  - 4) SPLICING SHALL BE UNDER SUPERVISION OF DENNIS SNYDER, WJVO OR DESIGNATED REPRESENTATIVE.
  - 5) ALL WORK FOR REPAIRING AND REPAIR OF LIGHTNING DISPERSION WIRES TO BE SUBSIDIARY TO COMMON EXCAVATION (MODIFIED) ITEM 200.15 (MOD).

EXISTING AIR RELEASE MANHOLE  
FENCE CORNER POINT D (SEE COORDINATES, SHEET 7)

CHANGE ELEVATION OF MANHOLE - ITEM 604.40  
2+034 RT

GRAPHIC SCALE  
( IN METERS )  
1:500 SCALE

THE CONTRACTOR SHALL NOTIFY "DIG-SAFE"  
AT 1-800-344-7233 PRIOR TO ANY EXCAVATION.



BRIDGE #1  
HYDRAULIC DATA

DRAINAGE AREA	FLOW RATE	HEADWATER ELEVATION
01	0.7 m <sup>3</sup> /s	74.1
02	1.5	74.2
04	2.8	75.0
05	4.3	75.0
06	5.3	75.0
0100	6.1	75.73

TAILWATER ELEVATION @ 0100 = 74.96  
OUTLET VELOCITY @ 0100 = 0.22 m/s  
BANKWATER VELOCITY DOES NOT OCCUR AT 0100

CHANNEL PROTECTION: STONE FILL, TYPE II

AVERAGE DAILY FLOW = 0.38 m<sup>3</sup>/s  
ORDINARY LOW WATER = 0.08 m<sup>3</sup>/s  
ORDINARY HIGH WATER = 1.33 m<sup>3</sup>/s

- EROSION CONTROL NOTES:**
1. A TEMPORARY EROSION CONTROL FENCE, AS SHOWN IN STD T-1, SHALL BE INSTALLED AROUND BRIDGE ABUTMENTS AND AS SHOWN ON THE PLANS BEFORE CONSTRUCTION BEGINS. REMOVE EROSION CONTROL FENCE WHEN VEGETATION HAS BEEN PERMANENTLY ESTABLISHED.
  2. THERE SHALL BE NO ALTERATION, DISTURBANCE, DEVELOPMENT, OR OTHER ACTIVITIES WITHIN THE EXISTING WETLANDS OR STREAM CHANNELS EXCEPT AS SHOWN ON THE PLANS.
  3. NO FILL MATERIAL SHALL BE DISPOSED OF IN WETLANDS OR IN SUCH A WAY THAT ERODED MATERIAL ENTERS WETLANDS OR STREAMS.

**LANDSCAPING KEY**

KEY	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	MISC
AS	2	<i>Acer saccharum</i>	Sugar Maple	53-76 mm cal	B&B
TO	6	<i>Thuja occidentalis nigra</i>	Dark Green Arborvitae	1500-1800 mm	B&B

**Metric**  
CONSTRUCTION PLANS

SURVEY PEA DESIGNED 2/24/00 NPN CHECKED LDY SCALE 1:500 VERT 1:500 HORIZ	SUMMIT ENGINEERING, LLC dba 811 (902) 488-3888 P.E.A.	PLAN AND PROFILE MEADOW BROOK CROSSING	DATE 3/22/00 DRAWING NO. SHEET 19 OF 79 PROJECT NO. 7091
	PINKHAM ENGINEERING ASSOCIATES, INC. Engineers • Planners • Landscape Architects • Surveyors 50 Joy Drive • P.O. Box 2825 South Burlington, VT 05407-2825	SOUTH BURLINGTON TRANSPORTATION PATH STP BIKE (8) SOUTH BURLINGTON, VERMONT	
	FILE NAME: PEA0000		
	1500 VERT 1500 HORIZ		

	PC	PI	PT
CURVE #16	217015.516 N 444832.558 E	217017.763 N 444840.297 E	217020.690 N 444847.702 E
CURVE #17	217032.378 N 444877.275 E	217035.210 N 444884.443 E	217037.407 N 444891.831 E
CURVE #18	217042.595 N 444909.283 E	217045.699 N 444919.723 E	217043.615 N 444930.413 E
CURVE #19	217043.615 N 444930.413 E	217042.308 N 444937.124 E	217044.140 N 444943.711 E

**EROSION MATTING - ITEM 654.10**  
2+410 ~ 2+420 LT

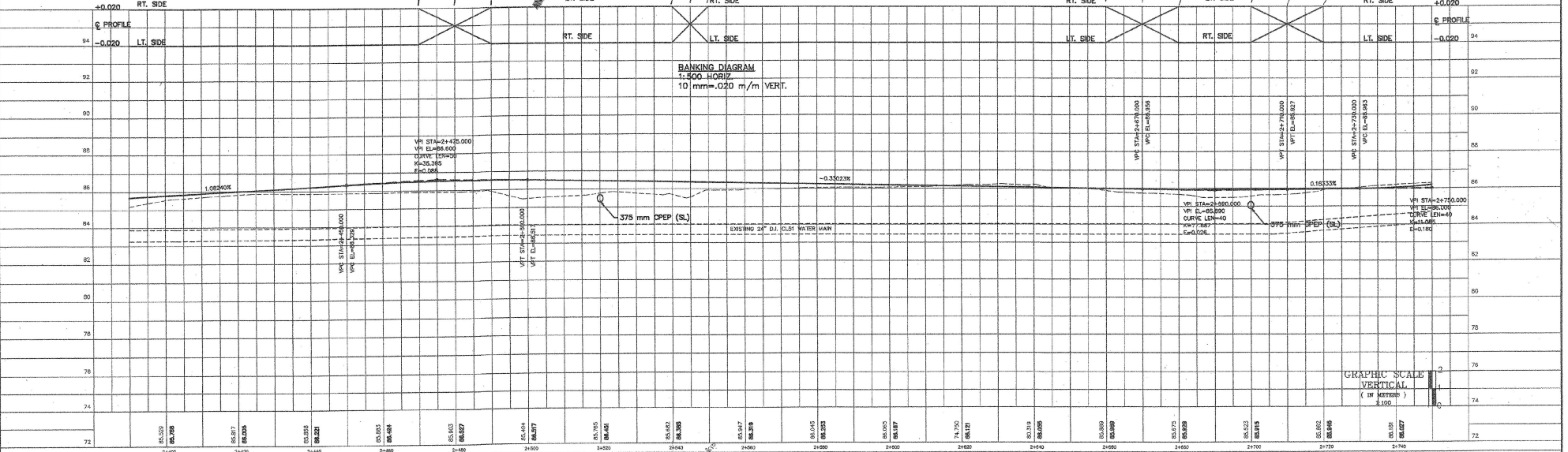
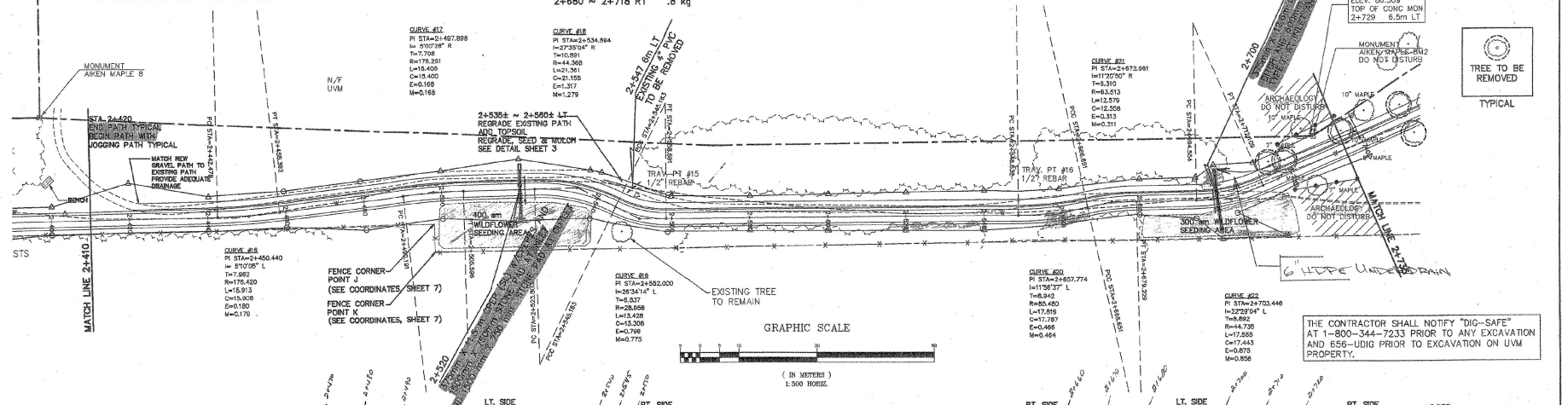
**1.8 m CHAIN LINK FENCE - ITEM 620.12**  
2+410± ~ 2+735 RT±

**REMOVAL OF EXISTING FENCE - ITEM 620.55**  
2+410± ~ 2+735 RT±

**WILDFLOWER SEED - ITEM 651.16**  
2+489 ~ 2+540 RT 1 kg  
2+680 ~ 2+718 RT .8 kg

	PC	PI	PT
CURVE #20	217068.321 N 445030.651 E	217070.717 N 445039.266 E	217074.844 N 445047.198 E
CURVE #21	217074.844 N 445047.198 E	217077.756 N 445052.796 E	217079.510 N 445058.857 E
CURVE #22	217083.770 N 445073.578 E	217086.242 N 445082.119 E	217091.792 N 445089.066 E

**SNOW FENCE (MODIFIED) - ITEM 620.70**  
FOR ARCHAEOLOGICAL PROTECTION  
2+720 ~ 2+735 LT 2+720 ~ 2+735 RT



- EROSION CONTROL NOTES**
- A TEMPORARY EROSION CONTROL FENCE, AS SHOWN IN STD T-1, SHALL BE INSTALLED AROUND BRIDGE ABUTMENTS AND AS SHOWN ON THE PLANS BEFORE CONSTRUCTION BEGINS. REMOVE EROSION CONTROL FENCE WHEN VEGETATION HAS BEEN PERMANENTLY ESTABLISHED.
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CONSTRUCTION PLANS



SURVEY PEA	SUMMIT ENGINEERING, LLC dba	PLAN AND PROFILE	DATE 3/22/00
DESIGNED DAW			SHEET 20 OF 79
DRAWN NPN			PROJECT NO. 7091
CHECKED LDY			
SCALE 1:500 HORIZ 1:100 VERT			

FILE NAME: F050902

**SOUTH BURLINGTON TRANSPORTATION PATH**  
STP BIKE (6)  
SOUTH BURLINGTON, VERMONT



GEOTEXTILE FOR SILT FENCE - ITEM 649.51  
3+309 ~ 3+401 LT FOR EROSION CONTROL

SNOW FENCE (MODIFIED) - ITEM 620.70  
FOR ARCHAEOLOGICAL PROTECTION  
3+100 ~ 3+419 LT

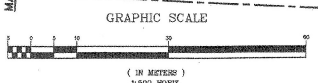
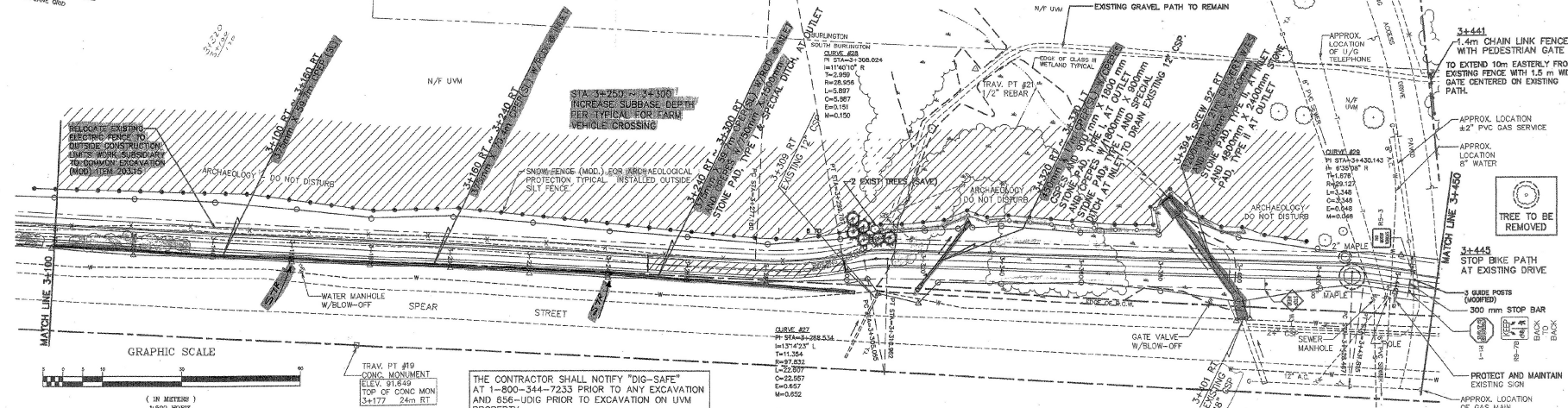
EROSION MATTING - ITEM 654.10  
3+180 ~ 3+300 RT

EVERGREEN TREES - ITEM 656.20  
3+302 ~ 3+312 LT

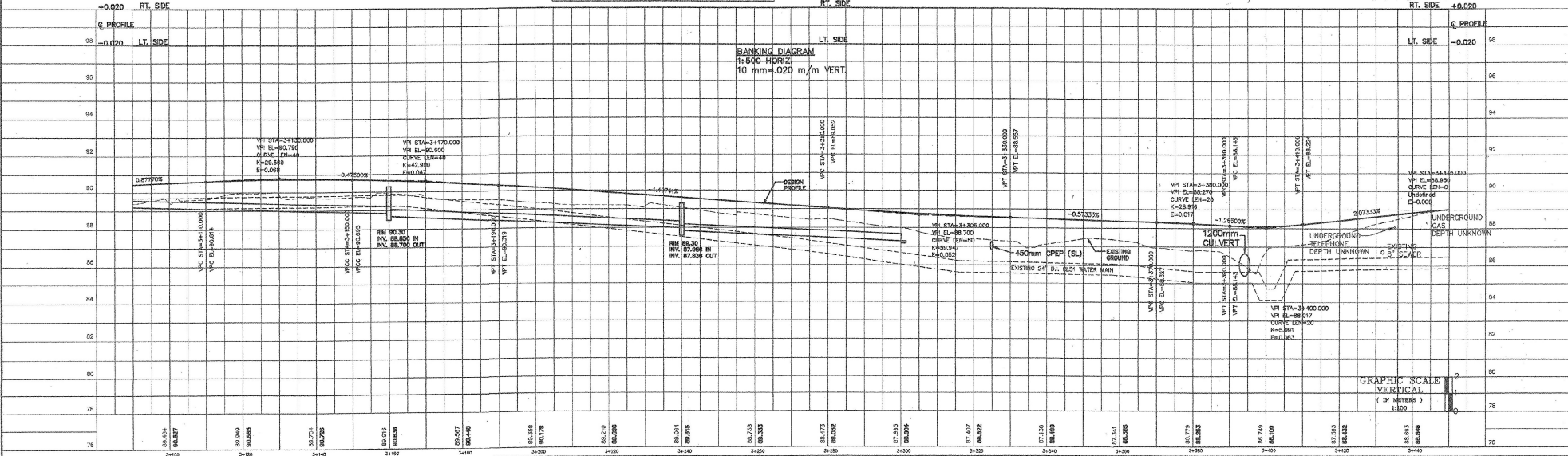
GUIDE POSTS (MODIFIED) - ITEM 621.85  
3+443 (3)

	PC	PI	PT
CURVE #27	217597.725 N 445108.343 E	217608.996 N 445106.973 E	217619.654 N 445103.059 E
CURVE #28	217624.608 N 445101.240 E	217627.385 N 445100.220 E	217630.312 N 445099.782 E
CURVE #29	217746.527 N 445082.420 E	217748.184 N 445082.172 E	217749.859 N 445082.116 E

100mm WHITE LINE - ITEM 646.20  
3+445 ~ 3+451 LT & RT (DRIVE CROSSING) 12m  
CHAIN LINK FENCE 1.4m (MODIFIED) - ITEM 620.11  
3+441, 52m LT  
300mm WHITE LINE - ITEM 646.44  
3+443 RT (STOP BAR) 1.5m



THE CONTRACTOR SHALL NOTIFY "DIG-SAFE"  
AT 1-800-344-7233 PRIOR TO ANY EXCAVATION  
AND 856-UDIG PRIOR TO EXCAVATION ON UVM  
PROPERTY.



- EROSION CONTROL NOTES
1. A TEMPORARY EROSION CONTROL FENCE, AS SHOWN IN STD T-1, SHALL BE INSTALLED AROUND BRIDGE ABUTMENTS AND AS SHOWN ON THE PLANS BEFORE CONSTRUCTION BEGINS. REMOVE EROSION CONTROL FENCE WHEN VEGETATION HAS BEEN PERMANENTLY ESTABLISHED.
  2. THERE SHALL BE NO ALTERATION, DISTURBANCES, DEVELOPMENT, OR OTHER ACTIVITIES WITHIN THE EXISTING WETLANDS OR STREAM CHANNELS EXCEPT AS SHOWN ON THE PLANS.
  3. NO FILL MATERIAL SHALL BE DISPOSED OF IN WETLANDS OR IN SUCH A WAY THAT ERODED MATERIAL ENTERS WETLANDS AND STREAMS.

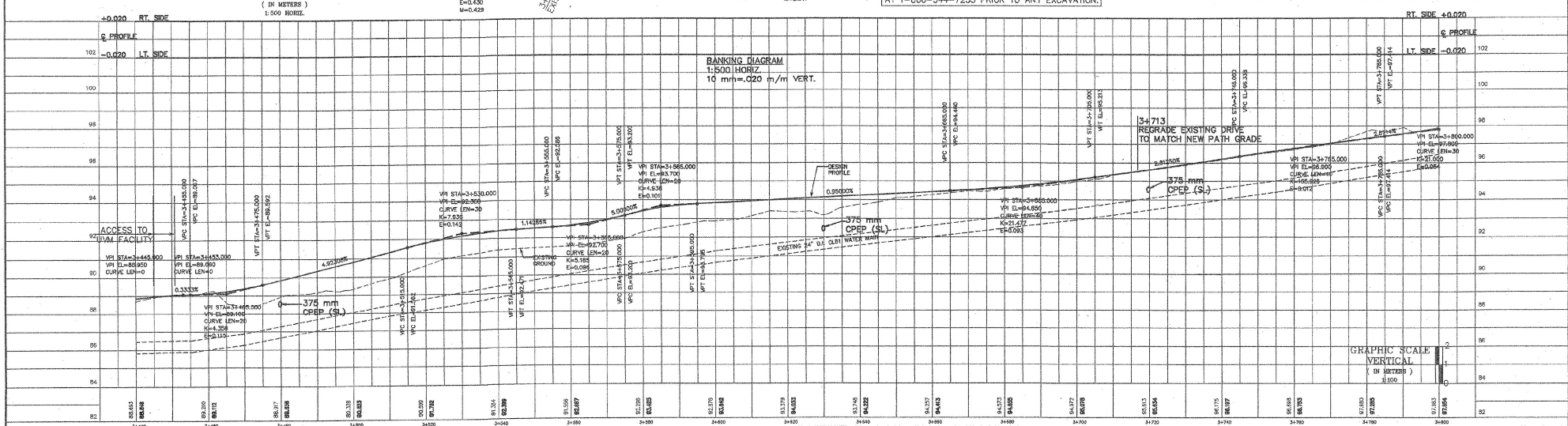
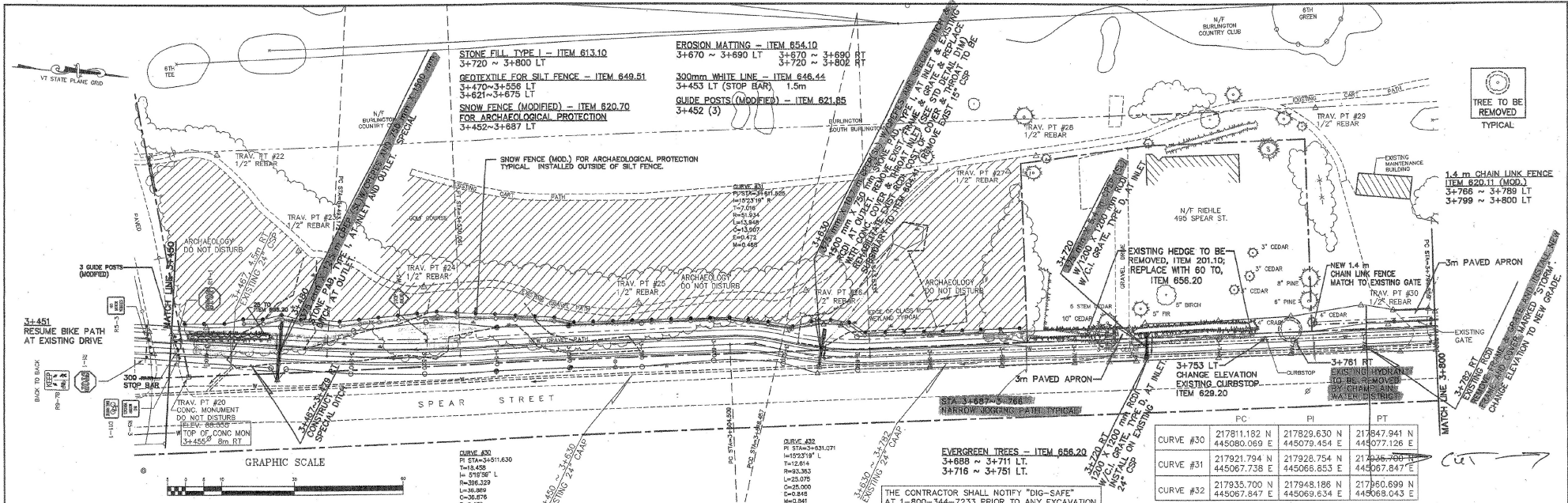
LANDSCAPING KEY

KEY	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	MISC
	6	Thuja occidentalis nigra	Dark Green Arborvitae	1500-1800 mm	B&B

CONSTRUCTION PLANS



SURVEY PEA DESIGNED DAW DRAWN NPN CHECKED LDY SCALE 1:500 VERT.	SUMMIT ENGINEERING, LLC dba  PINKHAM ENGINEERING ASSOCIATES, INC. 50 Jay Drive • P.O. Box 2825 South Burlington, VT 05407-2826	PLAN AND PROFILE SOUTH BURLINGTON TRANSPORTATION PATH STOP BIKE (6) SOUTH BURLINGTON, VERMONT	DATE 3/22/00 DRAWING NO. SHEET 22 OF 79 PROJECT NO. 7091
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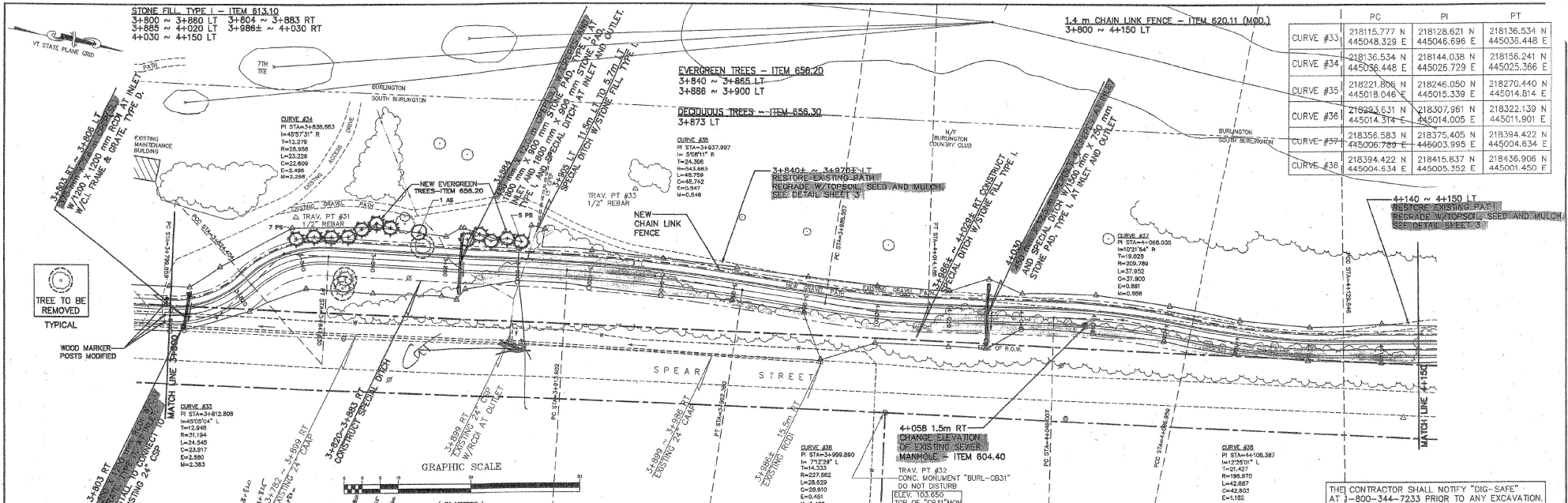


- EROSION CONTROL NOTES**
1. A TEMPORARY EROSION CONTROL FENCE, AS SHOWN IN STD T-1, SHALL BE INSTALLED AROUND BRIDGE ABUTMENTS AND AS SHOWN ON THE PLANS BEFORE CONSTRUCTION BEGINS. REMOVE EROSION CONTROL FENCE WHEN VEGETATION HAS BEEN PERMANENTLY ESTABLISHED.
  2. THERE SHALL BE NO ALTERATION, DISTURBANCE, DEVELOPMENT, OR OTHER ACTIVITIES WITHIN THE EXISTING WETLANDS OR STREAM CHANNELS EXCEPT AS SHOWN ON THE PLANS.
  3. NO FILL MATERIAL SHALL BE DISPOSED OF IN WETLANDS OR IN SUCH A WAY THAT ERODED MATERIAL ENTERS WETLANDS AND STREAMS.

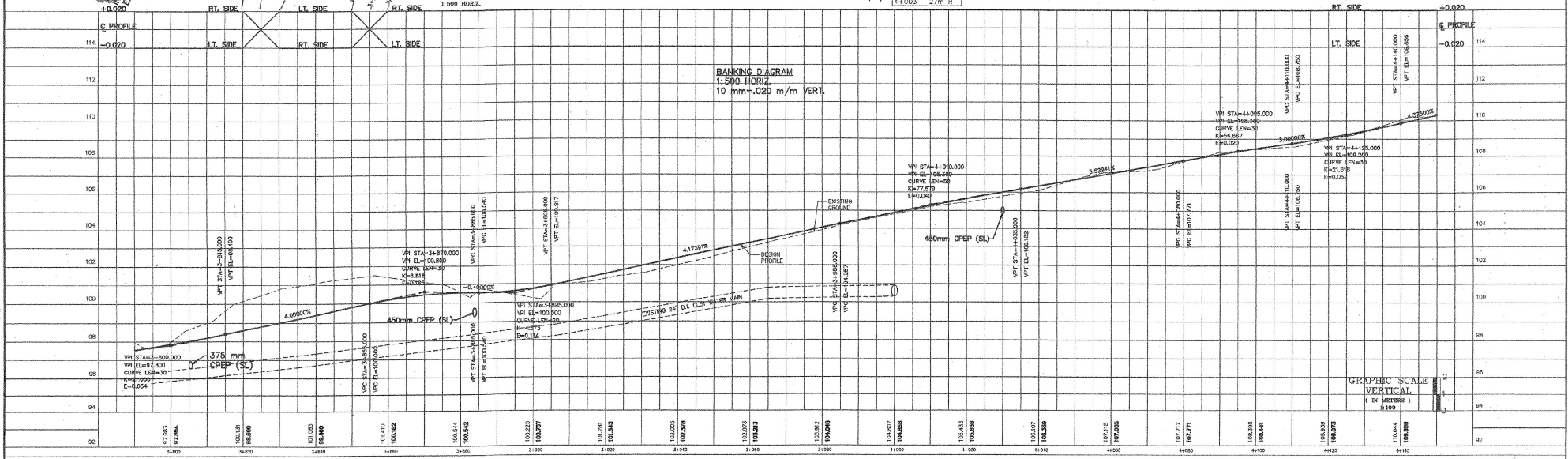
LANDSCAPING KEY				
KEY	QTY	SCIENTIFIC NAME	COMMON NAME	MISC
TO	85	Thuja occidentalis nigra	Dark Green Arborvitae	1500-1800 mm B&B



SURVEY PEA DESIGNED DAW DRAWN NPN CHECKED LDY SCALE DATE	SUMMIT ENGINEERING, LLC dba  PINKHAM ENGINEERING ASSOCIATES, INC. <small>Engineers • Planners • Landscape Architects • Surveyors</small> 60 Jay Drive • P.O. Box 3286 South Burlington, VT 05407-3285	PLAN AND PROFILE DATE 3/22/00 DRAWING NO. SHEET 23 OF 79 PROJECT NO. 9091
	SOUTH BURLINGTON TRANSPORTATION PATH STP BIKE (B) SOUTH BURLINGTON, VERMONT	FILE NAME: P030003



	PC	PI	PT
CURVE #33	218115.777 N	218128.621 N	218136.534 N
	445048.329 E	445046.696 E	445036.448 E
CURVE #34	218136.534 N	218144.038 N	218156.241 N
	445036.448 E	445026.729 E	445025.366 E
CURVE #35	218221.806 N	218246.050 N	218270.440 N
	445018.046 E	445015.339 E	445014.814 E
CURVE #36	218283.631 N	218307.961 N	218322.139 N
	445014.314 E	445014.005 E	445011.901 E
CURVE #37	218356.583 N	218375.405 N	218394.422 N
	445006.789 E	444903.995 E	445004.634 E
CURVE #38	218394.422 N	218415.837 N	218436.906 N
	445004.634 E	445005.352 E	445001.450 E



KEY	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	MISC
AS	1	Acer saccharum	Sugar Maple	63-76 mm cal	B&B
PS	12	Pinus strobus	White Pine	1500-1800 mm	B&B

CONSTRUCTION PLANS **Metric**

SURVEY PEA	SUMMIT ENGINEERING, LLC dba PINKHAM ENGINEERING ASSOCIATES, INC. 80 Joy Drive • P.O. Box 2528 South Burlington, VT 05407-2528	PLAN AND PROFILE	DATE 3/22/00
DESIGNED DAW		SOUTH BURLINGTON TRANSPORTATION PATH STP BIKE (6)	SHEET 24 OF 79
DRAWN NPN		SOUTH BURLINGTON, VERMONT	PROJECT NO. 7091
CHECKED LDY			
SCALE 1:500			



STONE FILL TYPE I - ITEM 613.10  
4+500 ~ 4+540 LT

EROSION MATING - ITEM 654.10  
4+500 ~ 4+680 LT 4+800 ~ 4+680 RT  
4+700 ~ 4+780 LT 4+700 ~ 4+780 RT

1.4 m CHAIN LINK FENCE - ITEM 620.11(MOD.)  
4+624 ~ 4+630 LT  
4+631.2 ~ 4+634 LT  
4+648 ~ 4+704.5 LT  
4+707.5 ~ 4+713 LT

GATE FOR 1.4 m CHAIN LINK FENCE - ITEM 620.15(MOD.)  
4+630 ~ 4+631.2 LT PEDESTRIAN GATE  
4+634 ~ 4+648 LT 2 LEAF SWING GATE  
4+704.5 ~ 4+707.5 LT VEHICLE ACCESS GATE

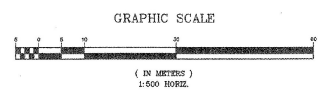
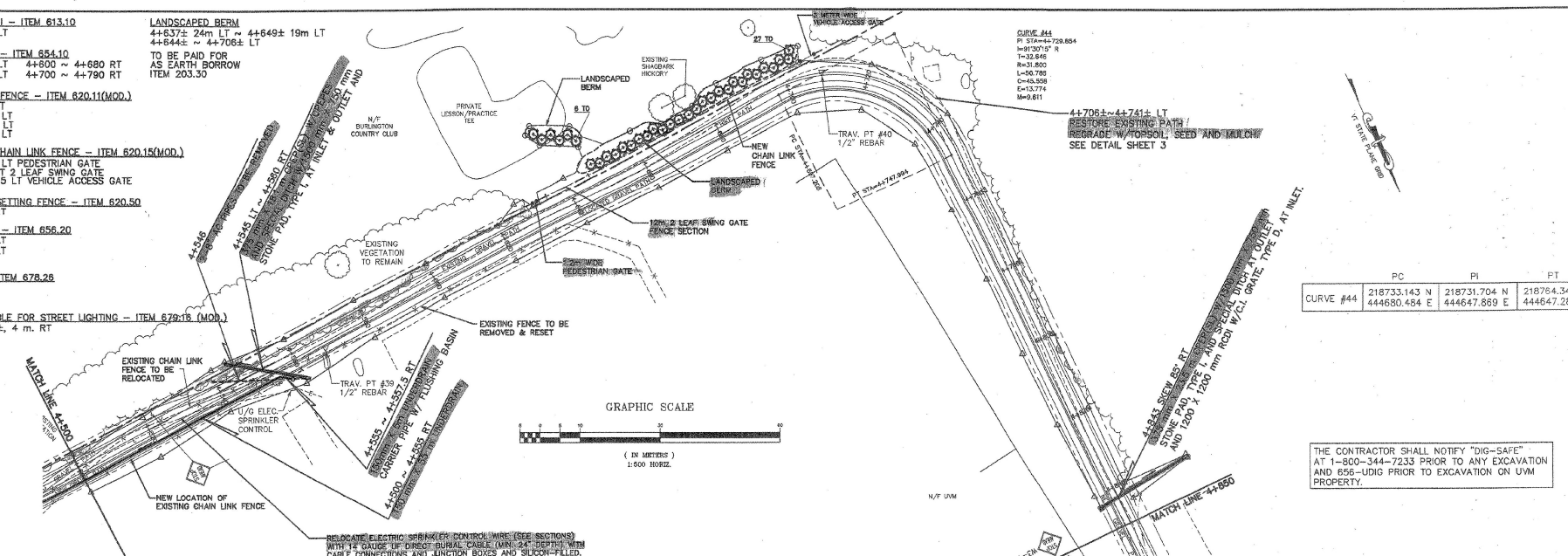
REMOVING AND RESETTING FENCE - ITEM 620.50  
4+500 ~ 4+638 RT

EVERGREEN TREES - ITEM 656.20  
4+637 ~ 4+649 LT  
4+648 ~ 4+708 LT

JUNCTION BOX - ITEM 678.28  
4+540, 4 m. RT

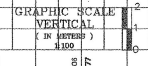
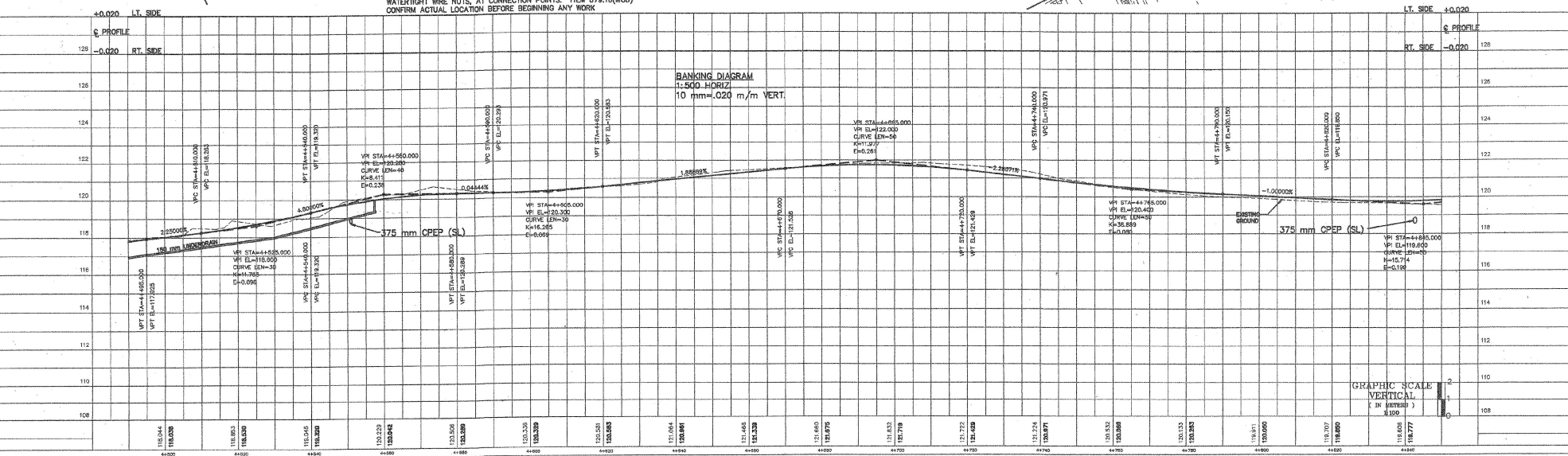
DIRECT BURIAL CABLE FOR STREET LIGHTING - ITEM 679.16 (MOD.)  
4+494 ~ 4+548 ±, 4 m. RT

LANDSCAPED BERM  
4+637 ± 24m LT ~ 4+649 ± 19m LT  
4+644 ± ~ 4+708 ± LT  
TO BE PAID FOR  
AS EARTH BORROW  
ITEM 203.30



	PC	PI	PT
CURVE #44	218733.143 N 444680.654 E	218731.704 N 444647.869 E	218754.345 N 444647.288 E

THE CONTRACTOR SHALL NOTIFY "DIG-SAFE"  
AT 1-800-344-7233 PRIOR TO ANY EXCAVATION  
AND 656-LIDIG PRIOR TO EXCAVATION ON UVM  
PROPERTY.



LANDSCAPING KEY

KEY	QTY	SCIENTIFIC NAME	COMMON NAME	SIZE	MISC
TO	33	Thuja occidentalis nigra	Dark Green Arborvitae	1500-1800 mm	B&B

CONSTRUCTION PLANS



SURVEY PEA DESIGNED DAW DRAWN NPN CHECKED LDY SCALE 1:500 VERT 1:500 HORIZ	SUMMIT ENGINEERING, LLC dba  PINKHAM ENGINEERING ASSOCIATES, INC. <small>Engineers • Planners • Landscape Architects • Surveyors</small> 80 Joy Drive • P.O. Box 3236 South Burlington, VT 05407-3236	PLAN AND PROFILE DATE 3/22/00
	SOUTH BURLINGTON TRANSPORTATION PATH STP BIKE (S) SOUTH BURLINGTON, VERMONT	DRAWING NO. SHEET 26 OF 79 PROJECT NO. 7091

