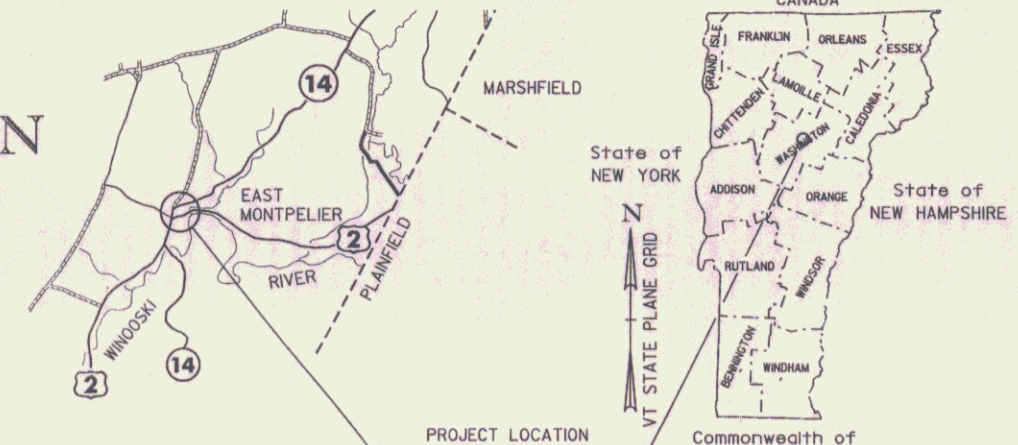


STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWN OF EAST MONTPELIER
COUNTY OF WASHINGTON
U.S. ROUTE 2 & **VT 14**



R. O. W. PLANS

BEGIN RELINQUISHMENT
AREA # I

QUAKER HILL ROAD TH#25
STA. 40+019.69
6.95M (22.8') RT.

END MAINTENANCE
AGREEMENT ZONE NO. 1

QUAKER HILL ROAD TH#25
STA. 40+017.99
0.78M (2.6') CL.

BEGIN MAINTENANCE
AGREEMENT ZONE NO. 1

QUAKER HILL ROAD TH#25
STA. 40+005.83 CL

BEGINNING AT A POINT, IN THE TOWN OF EAST MONTPELIER, ON U.S. RTE. 2, AT APPROXIMATELY 4.720
KILOMETERS EAST OF THE BARRE / EAST MONTPELIER TOWNLINE AND EXTENDING EASTERLY 0.180 KILOMETERS.
ALSO, THE RELOCATION OF VT 14, BEGINNING AT STATION 4+800 ON U.S. RTE. 2
AND EXTENDING NORTHERLY FOR 0.189 KILOMETERS.
LENGTH OF ROADWAY, US 2 = 0.180 KILOMETERS
LENGTH OF ROADWAY, VT 14 = 0.189 KILOMETERS
LENGTH OF ROADWAY = 0.369 KILOMETERS

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE RECONSTRUCTION OF THE
U.S. RTE 2 AND VT. RTE. 14 INTERSECTION ALONG A NEW ALIGNMENT, ALONG WITH NEW DRAINAGE,
SUBBASE, PAVEMENT, TRAFFIC SIGNALS, PAVEMENT MARKINGS, AND OTHER RELATED ROADWAY ITEMS.
LENGTH OF ROW PROJECT = 0.348 KILOMETERS (0.216 MILES)
KELTON RD.

LINE 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.

END MAINTENANCE
AGREEMENT ZONE NO. 2

KELTON ROAD TH#39
STA. 30+015.84 CL
LENGTH 8.3M (27.2')

BEGIN R. O. W. PROJECT
STPG 028-3(35) S
STA. 4+646.45 CL

END RELINQUISHMENT
AREA # I

STA. 14+145.86
13.63M LT. (34.7')

BEGIN MAINTENANCE
AGREEMENT ZONE NO. 2

KELTON ROAD TH#39
STA. 30+007.51

CONVENTIONAL SYMBOLS

COUNTY LINE	— — — — —
TOWN LINE	— — — — —
LIMITS OF ACCESS	— — — — —
POINT OF ACCESS	X
FENCE LINE	X — X — X — X — X
STONE WALL	— — — — —
TRAVELED WAY	— — — — —
GRAVEL 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	— — — — —

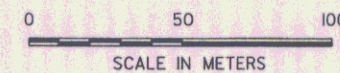
ALL DRIVES AS INDICATED ON PLANS
ARE SUBJECT TO PERMITS PURSUANT
TO TITLE 19 SECTION IIII, V.S.A.

SURVEYED BY : VTRANS
SURVEYED DATE : SEPTEMBER 1998

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (1992)

END R. O. W. PROJECT
STPG 028-3(35) S

STA. 4+994.83
4.86M RT.



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.

Pin # 988028
Date 6/23/2007

Metric
UNLESS NOTED OTHERWISE
STATIONS ARE IN KILOMETERS
ELEVATIONS ARE IN METERS
DIMENSIONS ARE IN MILLIMETERS

APPROVED *[Signature]* DATE 7/9/08
Director of Program Development

APPROVED *[Signature]* DATE 7/9/08
Chief of Right of Way

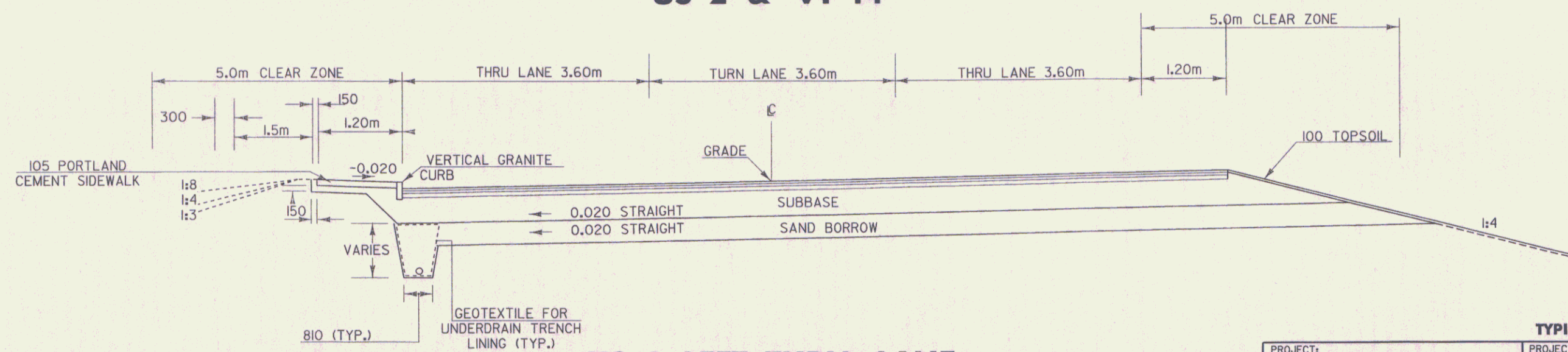
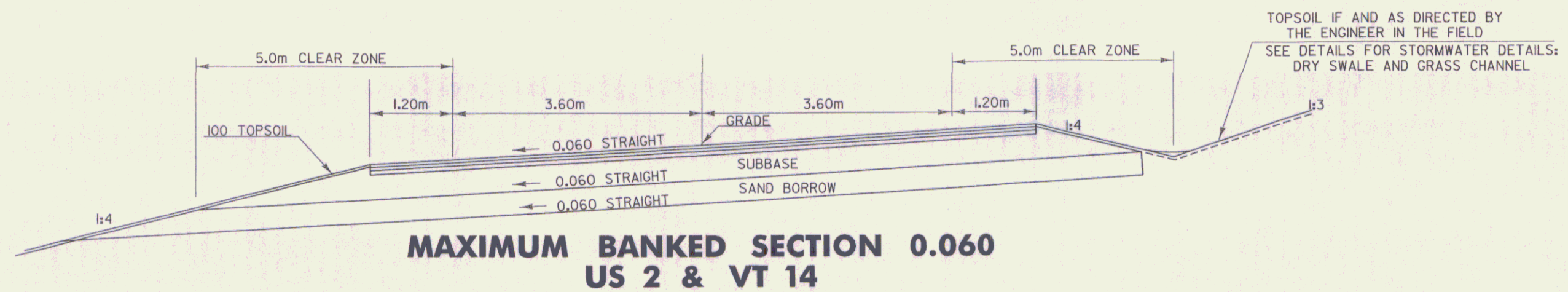
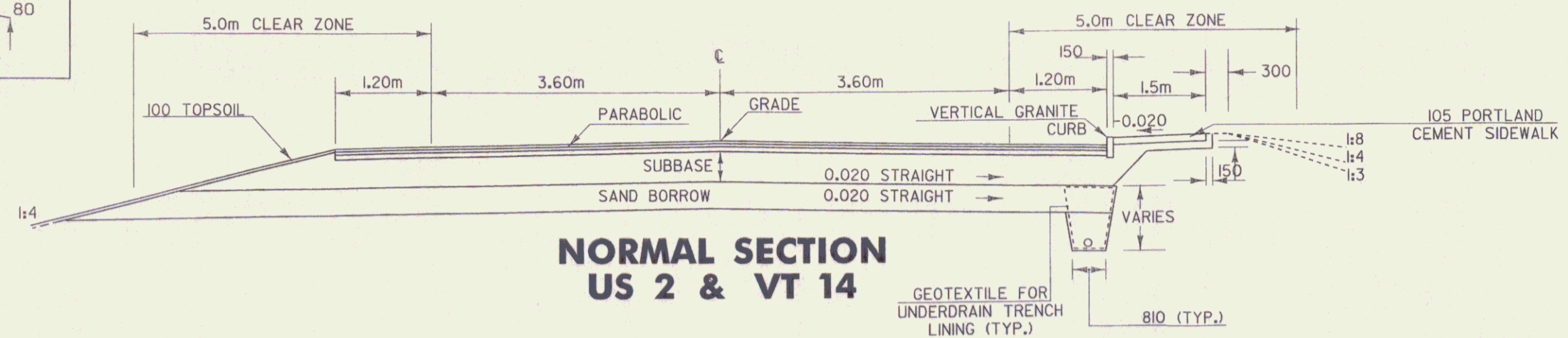
EAST MONTPELIER
STPG 028-3(35) S
R.O.W. SHEET 1 OF 37 SHEETS

TYPICAL SECTIONS

MATERIAL ITEM	PERMISSIBLE THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	± 5
SUBBASE	± 30
SAND BORROW	± 30

PARABOLIC DETAIL

- 50 BITUMINOUS CONCRETE PAVEMENT TYPE III-S
- 75 BITUMINOUS CONCRETE PAVEMENT TYPE II-S
- 90 BITUMINOUS CONCRETE PAVEMENT TYPE I-S (2 LIFTS)
- 610 SUBBASE OF DENSE GRADED CRUSHED STONE
- 610 SAND BORROW



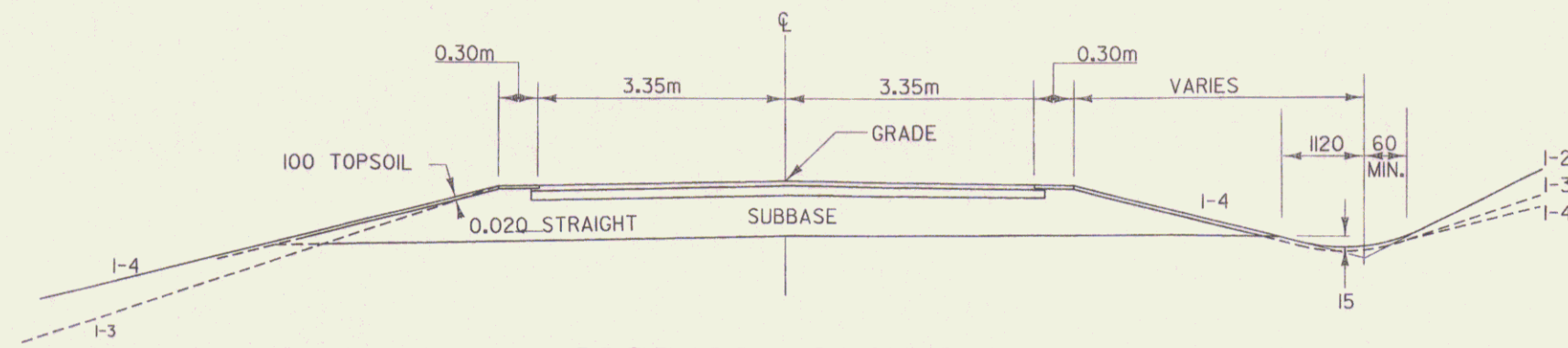
NOTE: ALL DIMENSIONS ARE IN MILLIMETERS
EXCEPT WHERE NOTED
NOT TO SCALE

TYPICAL SHEET #1	
PROJECT: EAST MONTPELIER	PROJECT NO.: STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028nul.dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: db028typ.j	SURVEY DATE: N/A
SURVEYED BY: N/A	DRAWN BY: jfq
SQUAD LEADER: jls	ROW SHEET: 2 OF 37

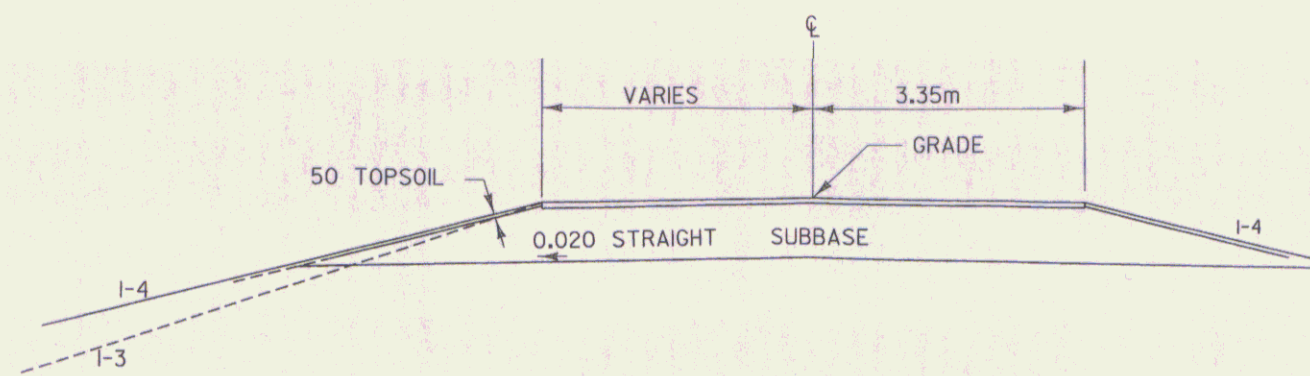
TYPICAL SECTIONS



- 50 BITUMINOUS CONCRETE PAVEMENT TYPE III-S
- 75 BITUMINOUS CONCRETE PAVEMENT TYPE II-S
- 90 BITUMINOUS CONCRETE PAVEMENT TYPE I-S (2 LIFTS)
- 610 SUBBASE OF DENSE GRADED CRUSHED STONE
- 610 SAND BORROW



**NORMAL SECTION
FOR QUAKER & KELTON ROADS**



**NORMAL SECTION
FOR OLD 14 (PARKING AREA)**

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS
EXCEPT WHERE NOTED

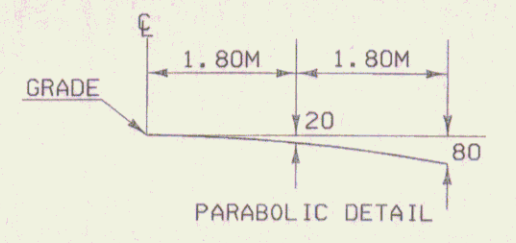
TYPICAL SHEET #2

PROJECT: EAST MONTPELIER	PROJECT NO. : STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028nul.dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: db028ty2	SURVEY DATE: N/A
SURVEYED BY: N/A	DRAWN BY: JFG
SQUAD LEADER: JLS	ROW SHEET: 3 OF 37

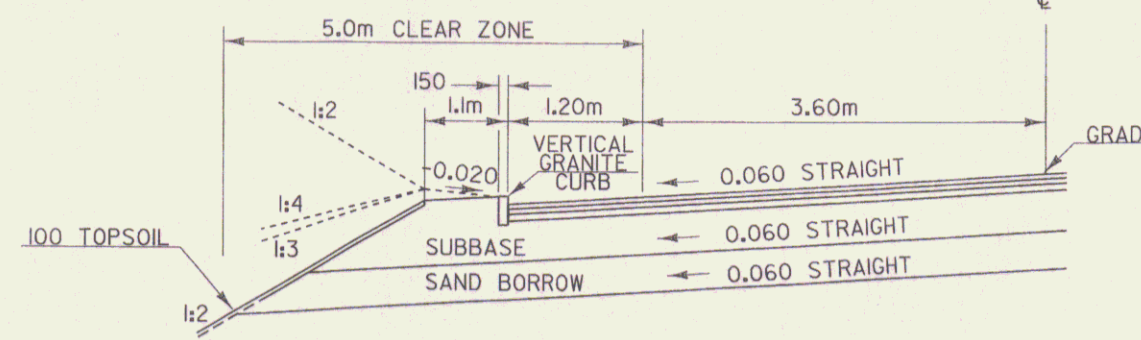
NOT TO SCALE

TYPICAL SECTIONS

MATERIAL ITEM	PERMISSIBLE THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	± 5
SUBBASE	±30
SAND BORROW	±30



- 50 BITUMINOUS CONCRETE PAVEMENT TYPE III-S
- 75 BITUMINOUS CONCRETE PAVEMENT TYPE II-S
- 90 BITUMINOUS CONCRETE PAVEMENT TYPE I-S (2 LIFTS)
- 610 SUBBASE OF DENSE GRADED CRUSHED STONE
- 610 SAND BORROW



**BANKED SECTION W/CURB
US 2 & VT 14**

SEEDING FORMULA URBAN AREAS

% MASS	Kg/ha	NAME	PUR %	GERM %
42.5	38.0	CREEPING RED FESCUE	98	85
10.0	9.0	PERENNIAL RYE GRASS	95	90
42.5	38.0	KENTUCKY BLUE GRASS	85	85
5.0	5.0	ANNUAL RYE GRASS	95	85
100.0	90.0			

GENERAL NOTES

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

SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

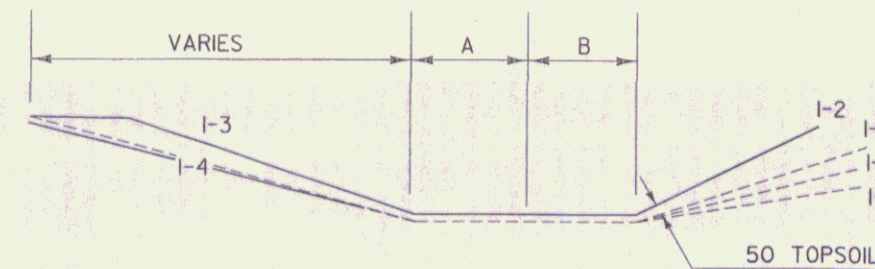
TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

MARKER POSTS: TO BE PLACED AS INDICATED OR AS DIRECTED BY THE ENGINEER.

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

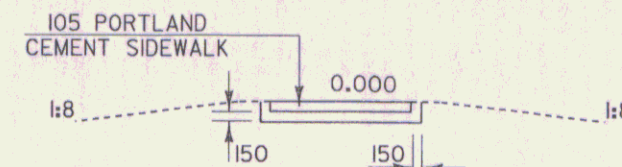
PAY LIMITS OF SAND BORROW: WHEN USED IN CONJUNCTION WITH UNDERDRAIN - SEE STANDARD SHEET D-2M.

TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.07 L/m² BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.

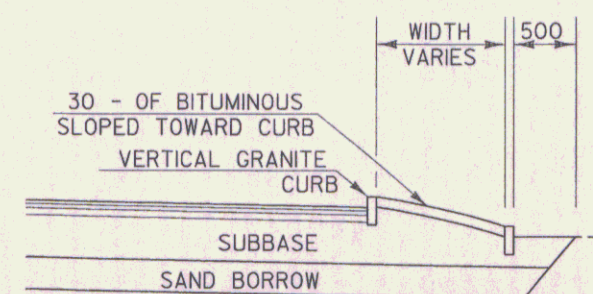
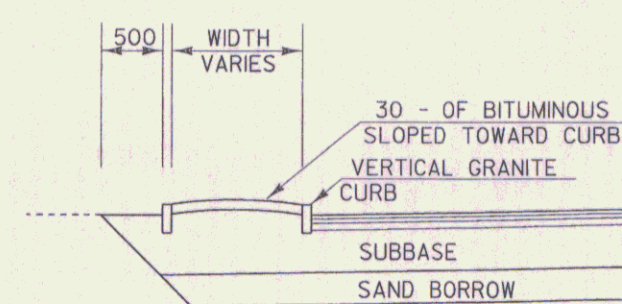


	A	B	STATION
GRASSCHANNEL	1-A	1220	1220 14+150 RT - 14+205 RT
GRASSCHANNEL	1-B	915	915 14+045 LT - 14+091 LT
GRASSCHANNEL	1-C	1220	1220 14+040 RT - 14+071 RT

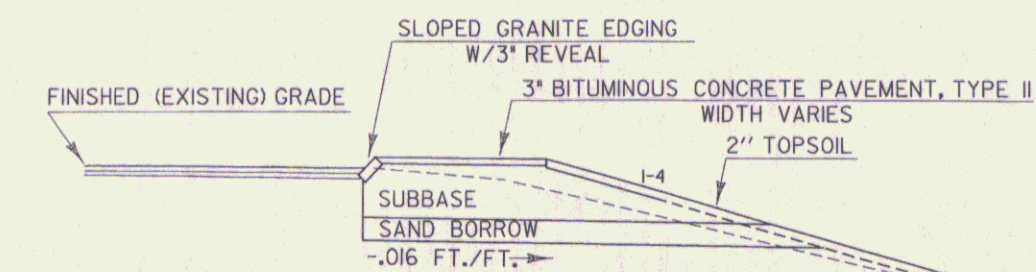
**GRASS CHANNEL
VT 14**



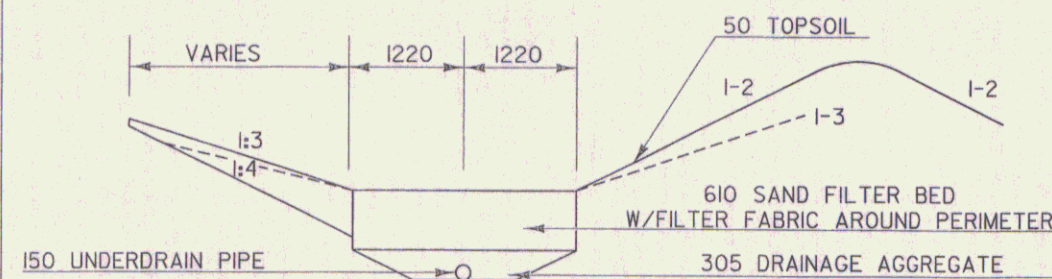
SIDEWALK IN LAWN AREA



ISLAND - PAVED



**APRON W/MOUNTABLE
CURB DETAIL**



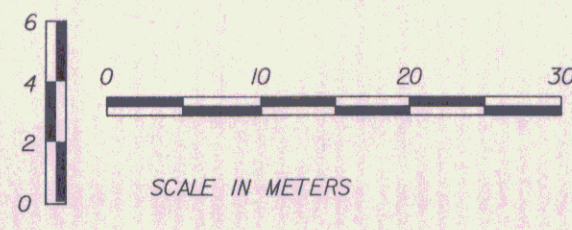
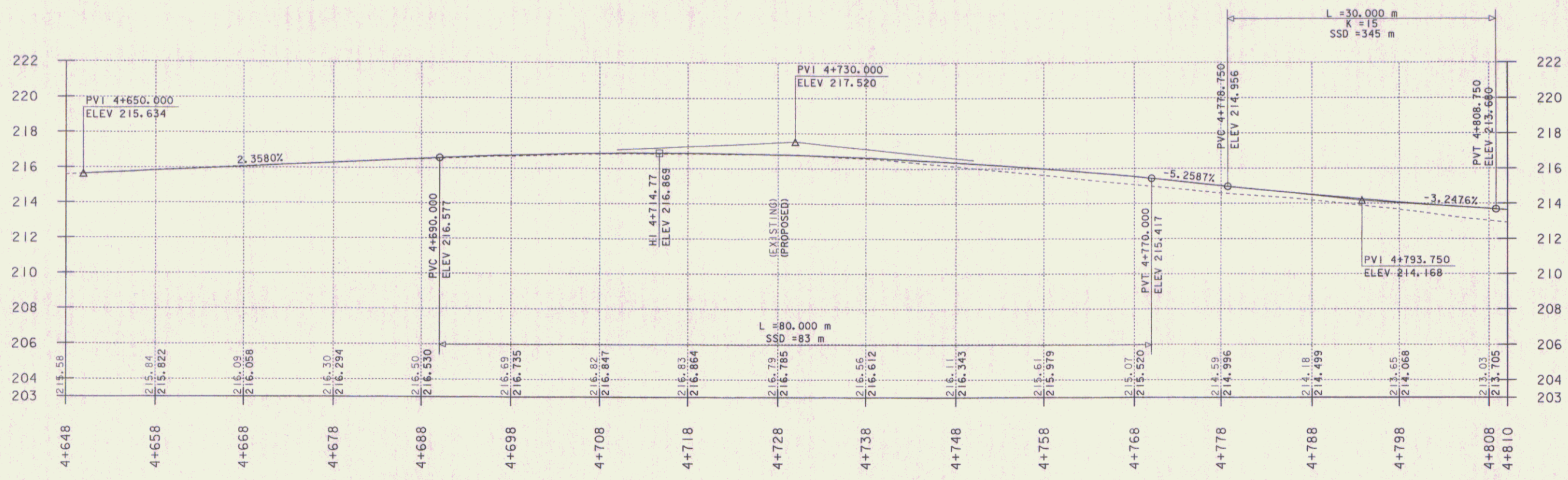
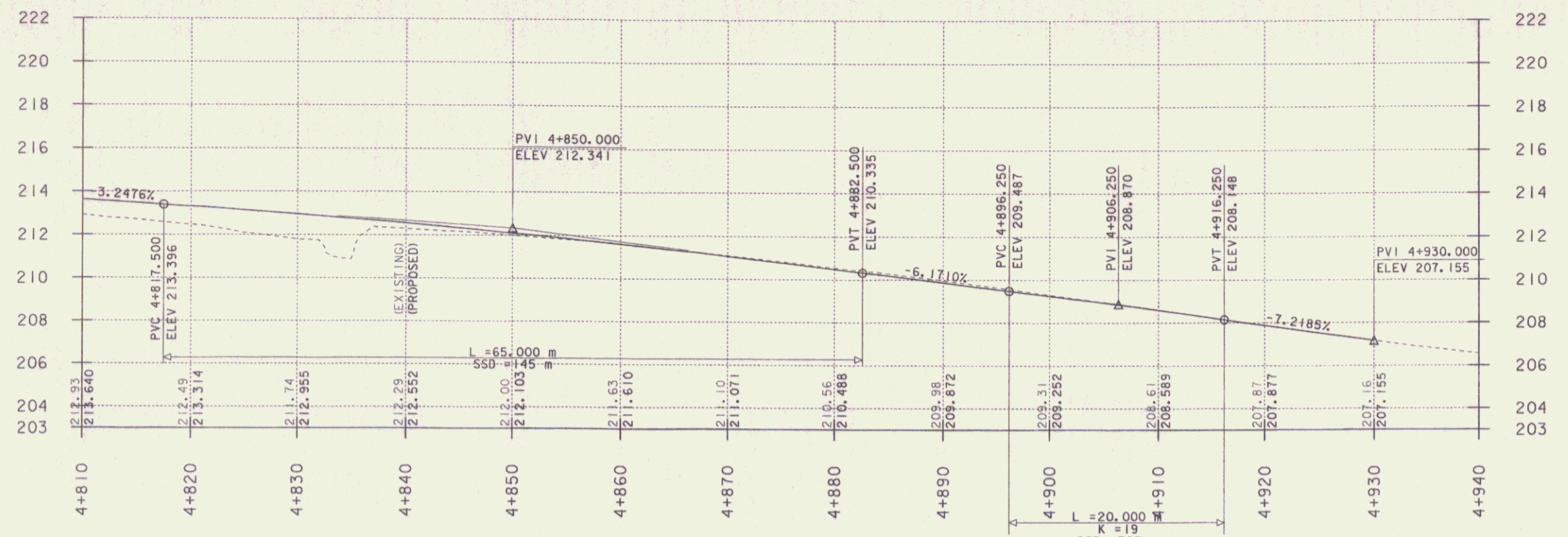
**DRY SWALE 1-D
US 2
4+800 RT - 4+825 RT**

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS EXCEPT WHERE NOTED

TYPICAL SHEET #3

PROJECT:	EAST MONTPELIER	PROJECT NO.:	STPG 028-3(35)S
DESIGN FILE NAME:	/eqda/98b028/db028mul.dgn	PLOT DATE:	01-JUL-2008
IPARM FILE NAME:	db0281yp.l	SURVEY DATE:	N/A
SURVEYED BY:	N/A	DRAWN BY:	JFG
SQUAD LEADER:	JLS	ROW SHEET:	4 OF 37

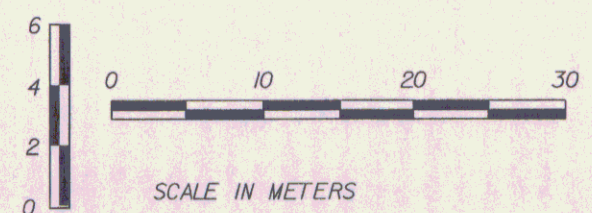
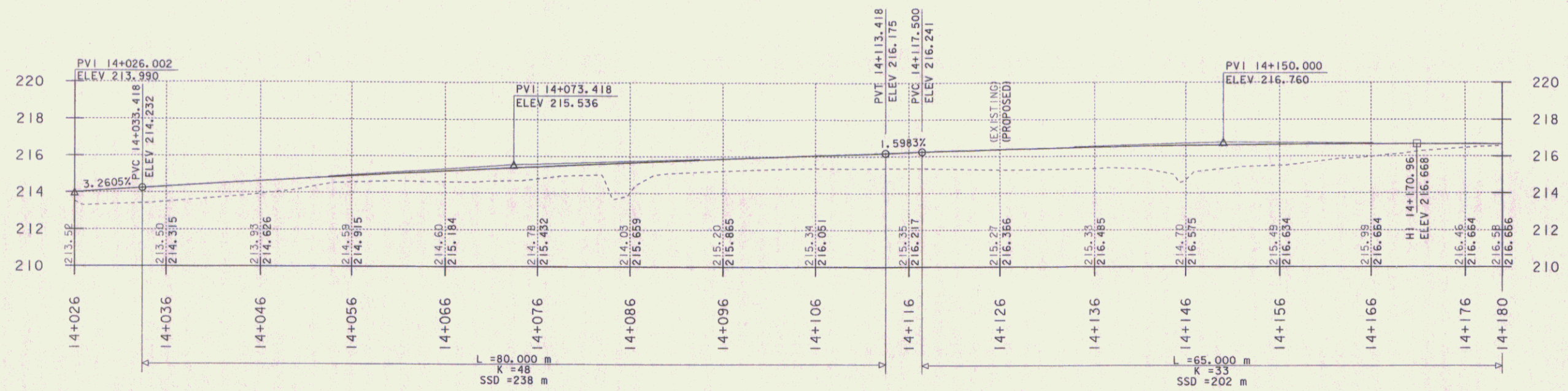
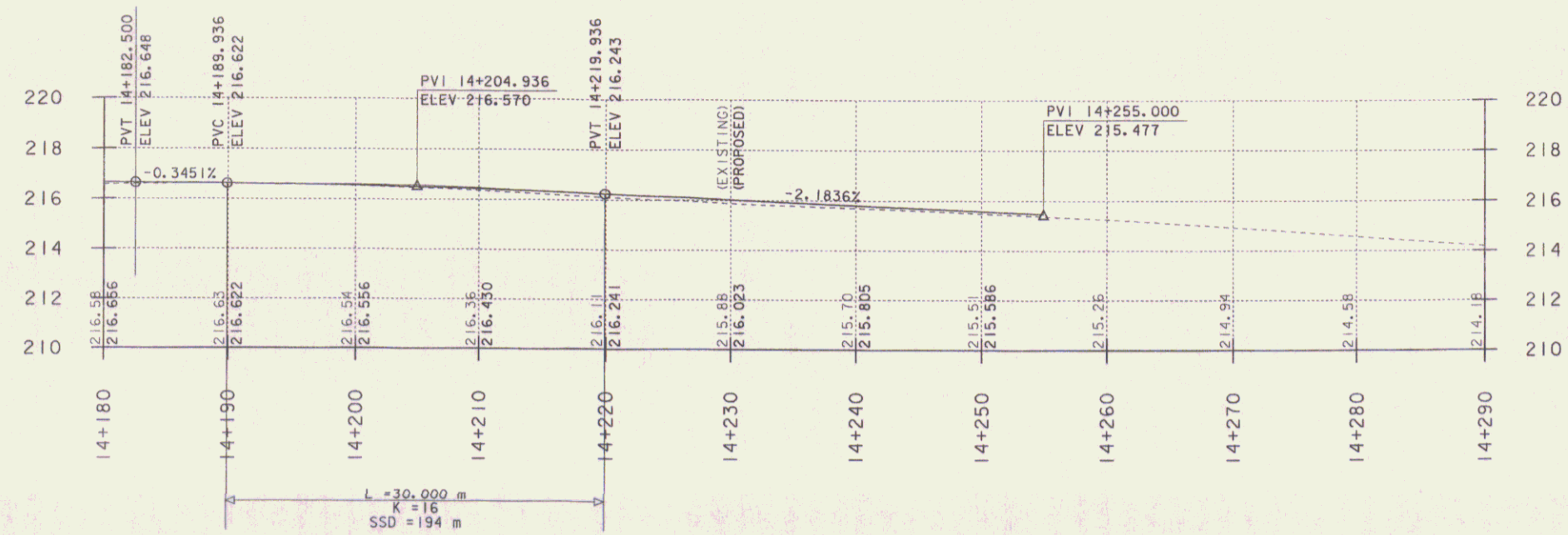
NOT TO SCALE



US 2 PROFILE

PROJECT NAME:	EAST MONTPELIER
PROJECT NUMBER:	STPG 028-3(35)
FILE NAME:	/sqda/98b028/db028xsl.dgn
PROJECT LEADER:	JLS
DESIGNED BY:	
PLOT DATE:	01-JUL-2008
DRAWN BY:	JFG
CHECKED BY:	
ROW SHEET	5 OF 37

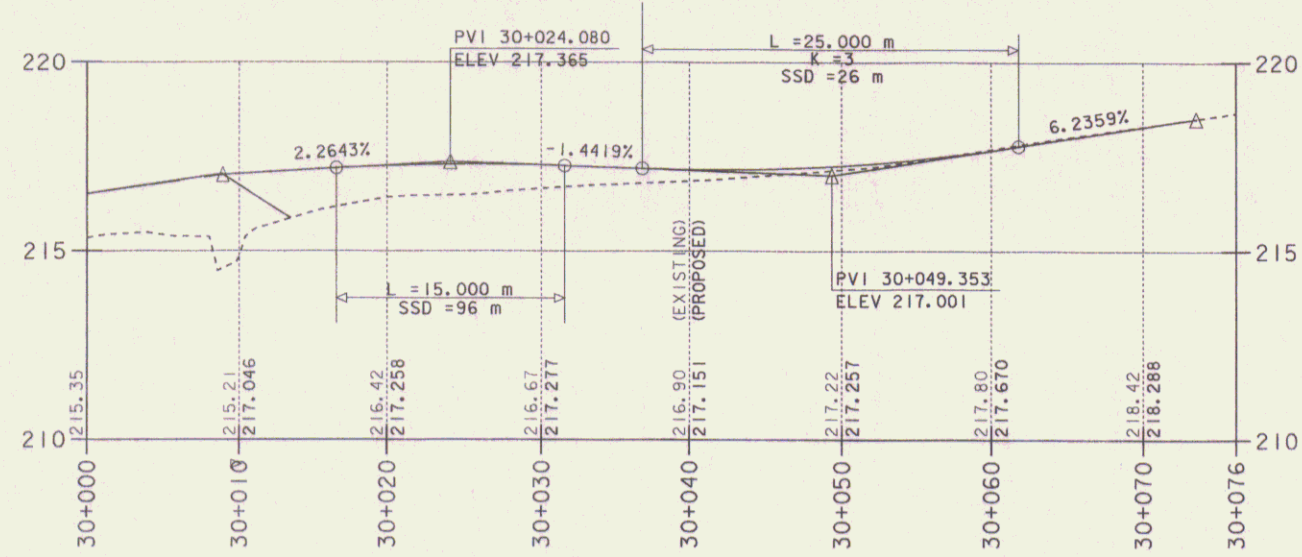
db028p01



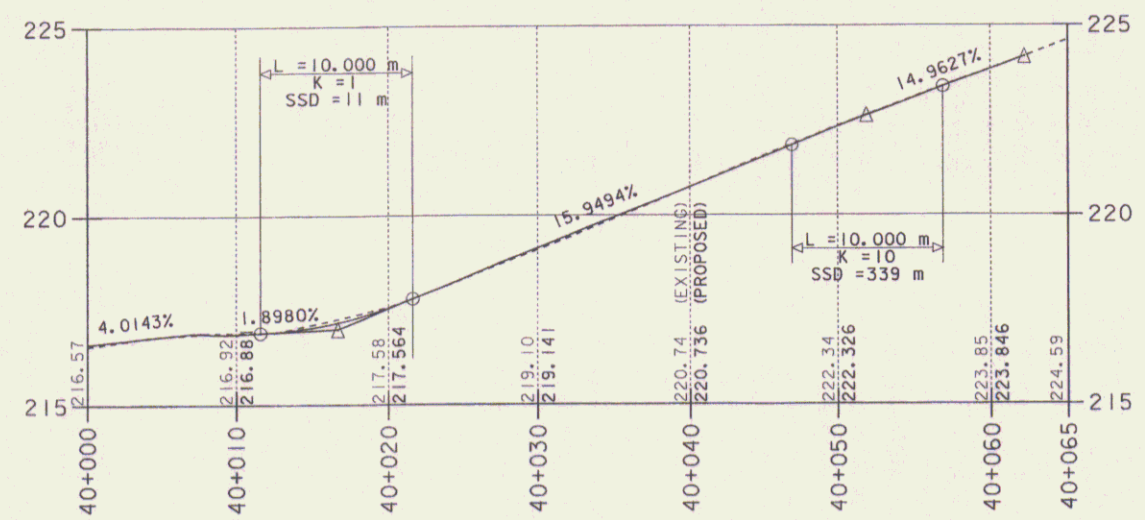
VT 14 PROFILE

PROJECT NAME:	EAST MONTPELIER	PLOT DATE:	01-JUL-2008
PROJECT NUMBER:	STPG 028-3(35)S	DRAWN BY:	JFG
FILE NAME:	/sqda/98b028/db028xsl.dgn	CHECKED BY:	
PROJECT LEADER:	JLS	ROW SHEET	6 OF 37
DESIGNED BY:			

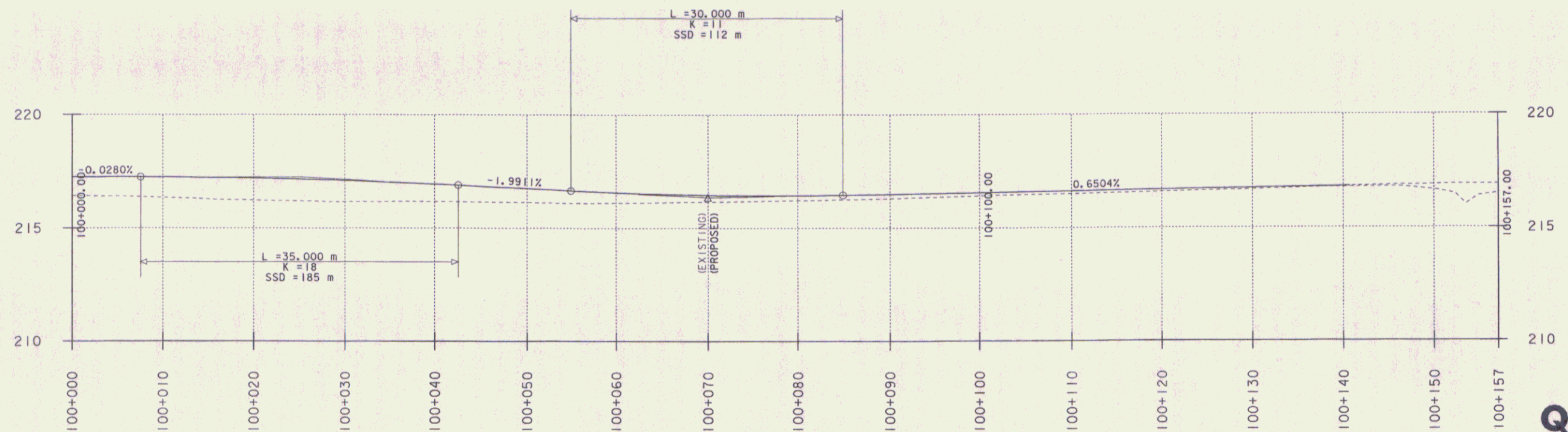
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KELTON ROAD

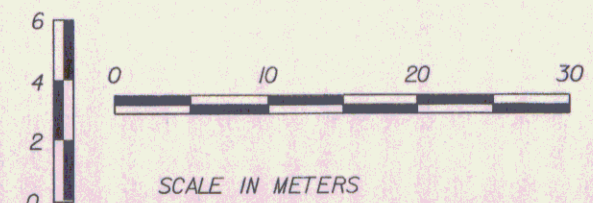


QUAKER ROAD



PARKING

**QUAKER
KELTON
PARKING
PROFILES**

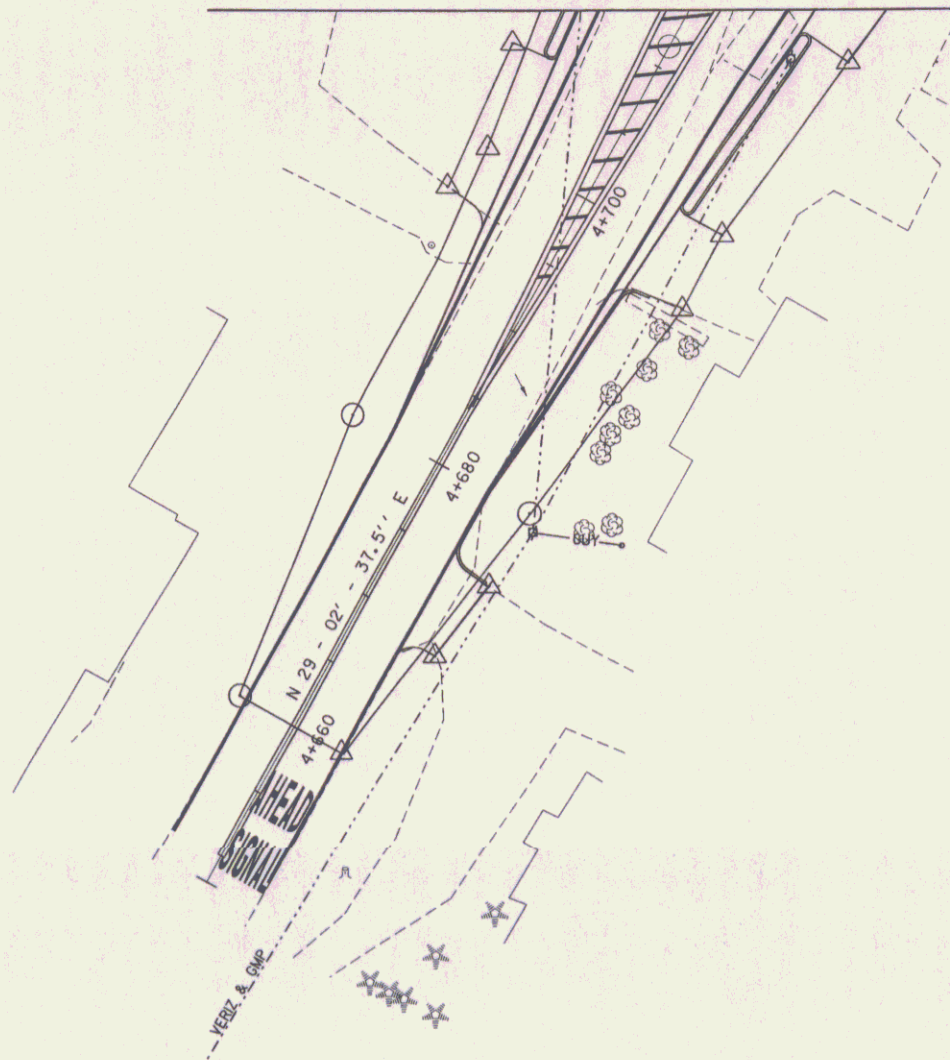
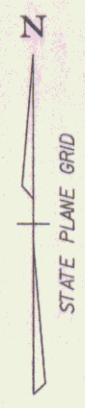


PROJECT NAME:	EAST MONTEPELIER	PLOT DATE:	01-JUL-2008
PROJECT NUMBER:	STPG 028-3(35)S	DRAWN BY:	Jfg
FILE NAME:	/sqda/98b028/db028xst.dgn	CHECKED BY:	
PROJECT LEADER:	J schultz	DESIGNED BY:	
		ROW SHEET	7 OF 37

db028p03

MATCH LINE TO ROW SHEET 9 OF 37

MATCH LINE 4+714



DURABLE 100 YELLOW LINE

4+650 CL - 4+684 CL (DBL)
 4+684 - 4+734 (DBL-ISLAND)

DURABLE 200 YELLOW LINE

4+684 - 4+734 (ISLAND DIAGONAL)

DURABLE 100 WHITE LINE

4+650 RT - 4+930 RT
 4+650 LT - 4+723 LT
 4+723 LT - 40+018 LT (QUAKER RD - 13.5 R)

approximate location of septic line to tank on Montague's

DURABLE LETTER OR SYMBOL

4+653 RT **AHEAD SIGNAL**

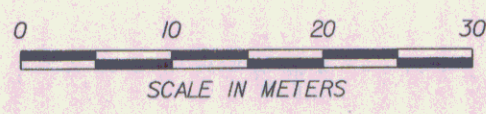
TEMPORARY MARKINGS

- Temporary 100 mm White Line
- Temporary 100 mm Yellow Line
- Temporary 200 mm Yellow Line (diagonals)
- Temporary Letter or Symbol

monitoring system of State for Biron, across Lamb's on Hasland, LLC

Note: To follow same stations as durable markings.

DATUM	
VERTICAL	NAD 88
HORIZONTAL	NAD 83(1992)



TRAFFIC PLAN - MARKINGS - LAYOUT 1

PROJECT: EAST MONTEPELIER	PROJECT NO. 1: STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028...bdr_nul_top...dgn	PLOT DATE: 01-JUL-2008
FARM FILE NAME: db028	SURVEY DATE: 8/98
SURVEYED BY:	DRAWN BY: Jfg
SQUAD LEADER: Jls	ROW SHEET 8 OF 37

DURABLE 100 WHITE LINE

- 4+650 RT - 4+930 RT
- 4+650 LT - 4+723 LT
- 4+723 LT - 40+018 LT (QUAKER RD - 13.5 R)
- 40+018 RT - 4+751 LT (QUAKER RD - 13.5 R)
- 4+751 LT - 4+783 LT
- 4+783 LT - 14+042 LT (VT 14 - 16.5 R)
- 14+045 RT - 4+816 LT (VT 14 - 12.0 R)
- 4+816 LT - 4+930 LT
- 14+043 LT - 14+129 LT
- 14+045 RT - 14+255 RT
- 40+018 LT - 40+062 LT
- 40+018 RT - 40+062 RT
- 4+745 RT - 4+755 RT (DOTTED)
- 4+755 RT - 4+790 RT
- 14+043 LT - 14+072 LT
- 14+072 LT - 14+110 LT (DOTTED)
- 14+078 CL - 14+110 CL (DOTTED)
- 14+100 CL - 14+135 CL

MATCH LINE 14+094

NOTE: SEE OLD CHURCH & WEC PARKING AREA LAYOUT SHEET FOR MARKINGS

TEMPORARY MARKINGS

- Temporary 100 mm White Line
- Temporary 100 mm Yellow Line
- Temporary 200 mm Yellow Line (diagonals)
- Temporary Letter or Symbol

Note: To follow same stations as durable markings.

DURABLE 100 YELLOW LINE

- 4+684 - 4+734 (DBL - ISLAND)
- 4+745 LT - 4+790 LT (DBL)
- 4+812 - 4+920 (DBL - ISLAND)
- 14+042 CL - 14+135 LT (DBL)
- 40+009 CL - 40+062 CL (DBL)

DURABLE 200 YELLOW LINE

- 4+684 - 4+734 (ISLAND DIAGONAL)
- 4+812 - 4+920 (ISLAND DIAGONAL)

DURABLE 600 STOP BAR

- 4+790 LT - RT
- 4+816 LT
- 14+042 LT
- 40+007 LT

DURABLE LETTER OR SYMBOL

- 4+785 CL ← ONLY
- 4+756 CL → ONLY
- 14+045 LT → ONLY
- 14+061 LT → ONLY
- 40+013 LT STOP

DURABLE CROSSWALK MARKING

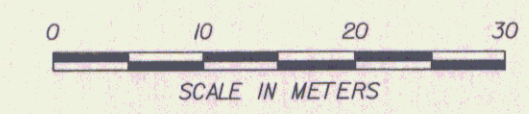
- 4+813 LT - 4+812 RT
- 14+038 LT - 14+038 RT

MATCH LINE 4+714

MATCH LINE TO ROW SHEET 8 OF 37



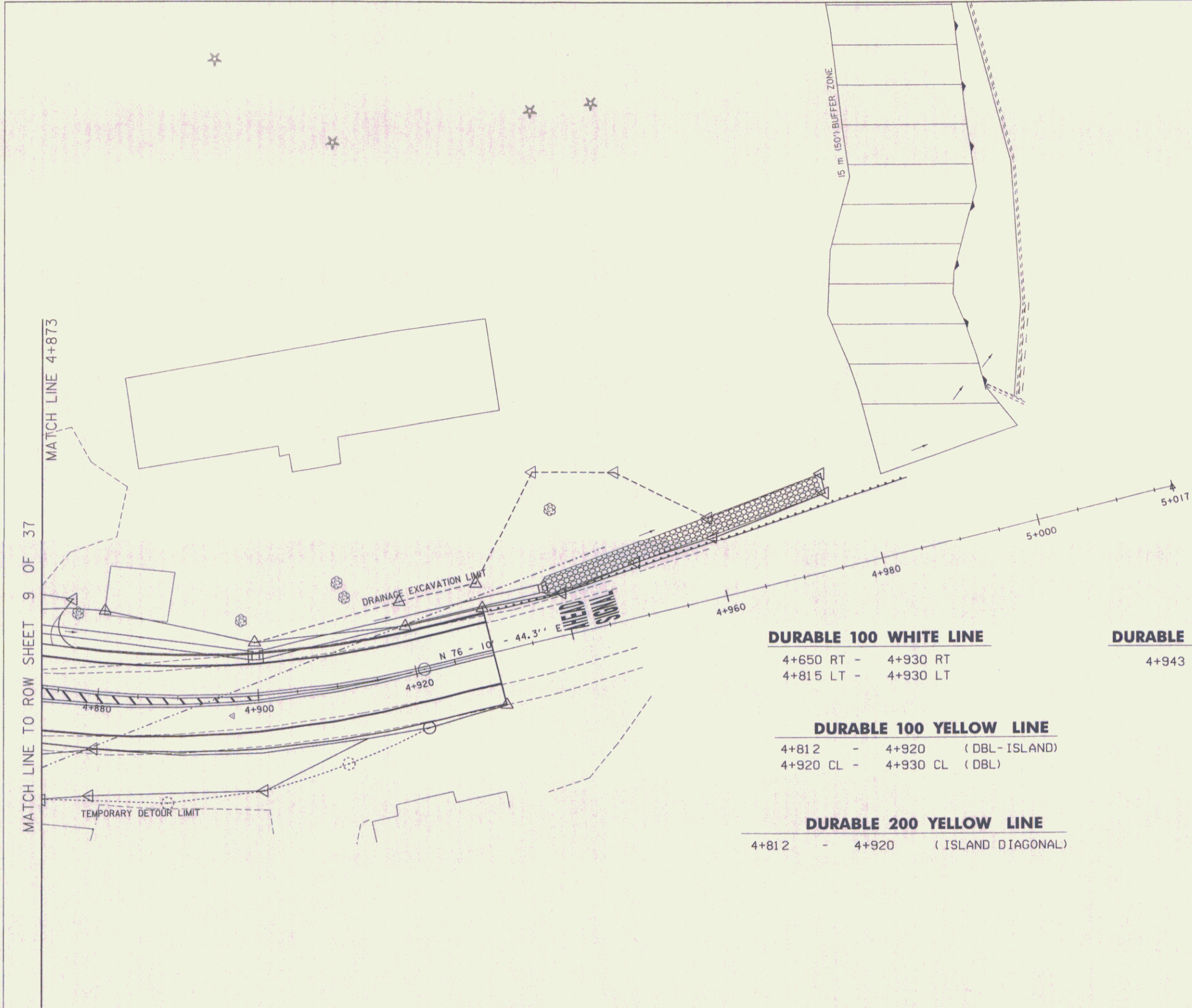
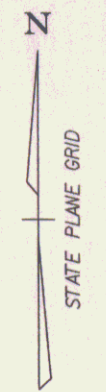
MATCH LINE TO ROW SHEET 10 OF 37



TRAFFIC PLAN - MARKINGS - LAYOUT 2

PROJECT: EAST MONTPELIER	PROJECT NO. : STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028...bdr_nul_top.dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: db028	SURVEY DATE: 8/98
SURVEYED BY:	DRAWN BY: Ifa
SQUAD LEADER: ils	ROW SHEET 9 OF 37

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(992)



DURABLE 100 WHITE LINE

4+650 RT - 4+930 RT
4+815 LT - 4+930 LT

DURABLE LETTER OR SYMBOL

4+943 LT **AHEAD SIGNAL**

DURABLE 100 YELLOW LINE

4+812 - 4+920 (DBL - ISLAND)
4+920 CL - 4+930 CL (DBL)

DURABLE 200 YELLOW LINE

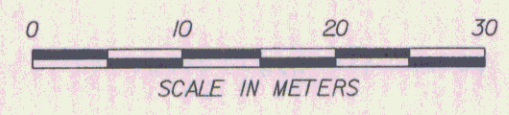
4+812 - 4+920 (ISLAND DIAGONAL)

TEMPORARY MARKINGS

- Temporary 100 mm White Line
- Temporary 100 mm Yellow Line
- Temporary 200 mm Yellow Line (diagonals)
- Temporary Letter or Symbol

Note: To follow same stations as durable markings.

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(1992)



TRAFFIC PLAN - MARKINGS - LAYOUT 3

PROJECT: EAST MONTPELIER	PROJECT NO. 1 STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028...bdr,nul,top...dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: db028i03	SURVEY DATE: 8/98
SURVEYED BY:	DRAWN BY: Jfg
SQUAD LEADER: Jls	ROW SHEET 10 OF 37



DURABLE 600 STOP BAR

30+010 LT
100+009 LT

DURABLE 100 WHITE LINE

- 14+042 LT - 14+129 LT
- 14+045 RT - 14+255 RT
- 14+072 LT - 14+110 LT (DOTTED)
- 14+072 CL - 14+100 CL (DOTTED)
- 14+110 CL - 14+135 CL
- 14+129 LT - 30+015 LT (KELTON - 9.0 R)
- 30+020 RT - 14+151 LT (KELTON - 10.0 R)
- 14+151 LT - 14+255 LT
- 30+015 LT - 100+008 LT (OLD 14 - 6.5 R)
- 100+008 RT - 30+025 LT (OLD 14 - 605 R)
- 30+025 LT - 30+037 LT
- 30+020 RT - 30+037 RT
- 100+008 LT - 100+028 LT
- 100+008 RT - 100+028 RT

DURABLE 100 YELLOW LINE

- 14+042 CL - 14+135 CL (DBL)
- 14+148 CL - 14+227 CL (DBL- ISLAND)
- 14+227 CL - 14+255 LT (DBL)
- 30+009 CL - 30+037 CL (DBL)
- 100+008 CL - 100+029 CL (DBL)

DURABLE 200 YELLOW LINE

- 14+149 - 14+221 (ISLAND DIAGONAL)

TEMPORARY MARKINGS

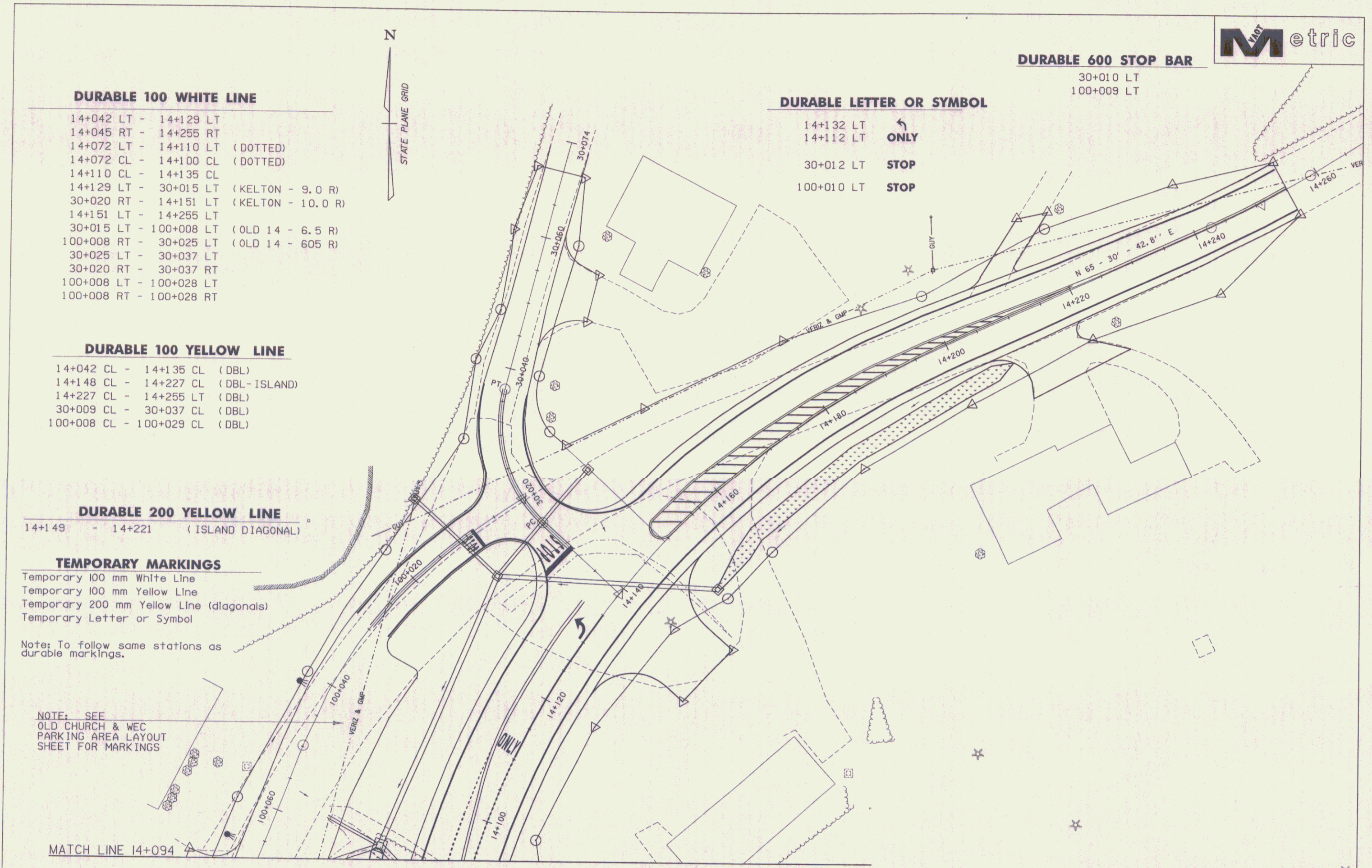
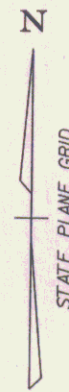
- Temporary 100 mm White Line
- Temporary 100 mm Yellow Line
- Temporary 200 mm Yellow Line (diagonals)
- Temporary Letter or Symbol

Note: To follow same stations as durable markings.

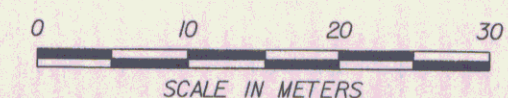
NOTE: SEE OLD CHURCH & WEC PARKING AREA LAYOUT SHEET FOR MARKINGS

DURABLE LETTER OR SYMBOL

- 14+132 LT ONLY
- 14+112 LT ONLY
- 30+012 LT STOP
- 100+010 LT STOP

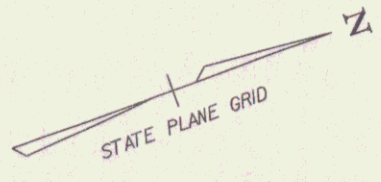


DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(1992)



TRAFFIC PLAN - MARKINGS - LAYOUT 4

PROJECT: EAST MONTEPELIER	PROJECT NO.: STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028...bdr_nul_top...dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: db028i04	SURVEY DATE: 8/98
SURVEYED BY:	DRAWN BY: Jfg
SQUAD LEADER: Jls	ROW SHEET 11 OF 37

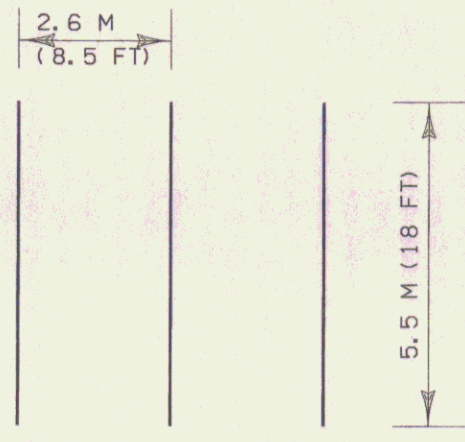


DURABLE 100 WHITE LINE

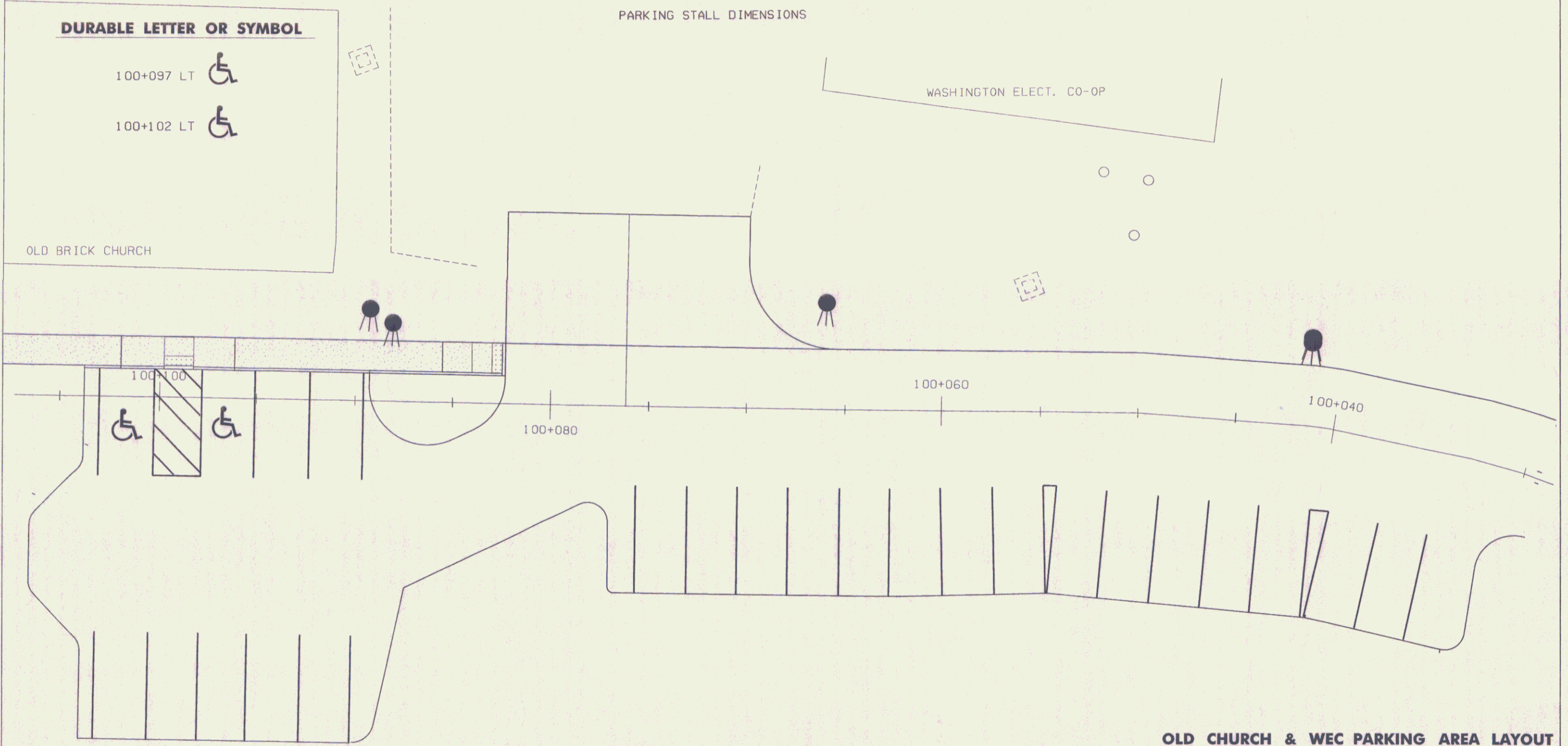
100+031 LT - 100+075 LT
 100+090 LT - 100+103 LT
 100+089 RT - 100+103 RT

DURABLE LETTER OR SYMBOL

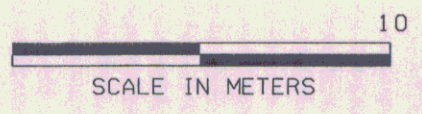
100+097 LT ♿
 100+102 LT ♿



PARKING STALL DIMENSIONS



DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(992)



OLD CHURCH & WEC PARKING AREA LAYOUT

PROJECT: EAST MONTEPELIER	PROJECT NO.: STPG 028-3(35)
DESIGN FILE NAME: /sqda/98b028/db028...bdr,nul+op...dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: db028trparkbdr	SURVEY DATE: 8/98
SURVEYED BY:	DRAWN BY: Jfg
SQUAD LEADER: Jls	ROW SHEET 12 OF 37

EROSION CONTROL NARRATIVE

1.1 PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE CONSTRUCTION OF A TRAFFIC SIGNAL SYSTEM LOCATED AT THE INTERSECTIONS OF US 2 AND VT 14 IN THE TOWN OF EAST MONTPELIER. VT 14 WILL BE REALIGNED TO FORM A TEE INTERSECTION WITH US 2.

TOTAL DISTURBED AREA IS 16125 SQUARE METERS OR 3.98 ACRES. NOTE: AREA OF DISTURBANCE SHALL INCLUDE LIMITS OF EARTH DISTURBANCE WITHIN THE PROJECT AREA, INCLUDING ANY WASTE, STAGING AND BORROW AREAS WITHIN OR DIRECTLY ADJACENT TO THE PROJECT LIMITS.

IT IS ANTICIPATED THAT THIS PROJECT WILL LAST ONE CONSTRUCTION SEASON.

1.2 SITE INVENTORY

1.2.1 OFF SITE DRAINAGE CHARACTERISTICS (UP AND DOWN GRADIENT)

INSIDE OF THE STATE RIGHT-OF-WAY AND THE PROPERTIES SURROUNDING THE PROJECT CONSIST OF ESTABLISHED VEGETATION OF GRASSES AND SOME WOODED AREAS. AGRICULTURAL FIELDS EXIST UP-SLOPE OF THE PROJECT LIMITS.

1.2.2 DRAINAGE, WATERWAYS, BODIES OF WATER, AND PROXIMITY TO NATURAL OR MAN-MADE WATER FEATURES

AREA DRAINAGE IS CONVEYED VIA GRASS SURFACES. DRAINAGE SWALES AND CULVERTS TO EITHER SODOM BROOK OR THE WINOOSKI RIVER. THE FOLLOWING DESCRIPTIONS ARE FOR THE EXISTING SITE PLAN:

SURFACE DRAINAGE FROM QUAKER ROAD IS CONVEYED VIA A DITCH TO CULVERT #1 UNDER US 2 AT STATION 4+690. THE WATER IS THEN DISPERSED OVER OPEN FIELDS FOR A DISTANCE OF 215 METERS (700 FEET) TO THE WINOOSKI RIVER.

THE LARGEST SYSTEM ON SITE CONSISTS OF CULVERTS #2, #3, #4 AND SWALE #1. WATER ENTERS THIS SYSTEM FROM A SPRING AND CULVERT LOCATED NORTHEAST OF WASHINGTON ELECTRIC CO-OP. DRAINAGE IS CONVEYED UNDER ROUTE 14 AND EMPTIES INTO SWALE. THIS SWALE IS OPEN FOR 105 METERS (345 FEET) AND FLOWS INTO CULVERT #4. THIS THEN ENTERS A CLOSED SYSTEM FOR 135 METERS (445 FEET) EMPTING INTO THE WINOOSKI RIVER.

DRAINAGE FLOWS FROM THE KELTON ROAD AREA VIA CULVERTS #5 AND #5A UNDER ROUTE 14 INTO A SHORT DITCH THEN INTO CULVERT #6 AND TRAVELS FOR 100 METERS (345 FEET). THIS CULVERT EMPTIES ONTO A GRASSY AREA AND FLOWS FOR 25 METERS (80 FEET) TO SODOM BROOK.

1.2.3 TOPOGRAPHY, EXISTING ROADS, BUILDINGS, UTILITIES

THE GENERAL TOPOGRAPHY OF THE AREA DISPLAYS HILLSIDES TO THE NORTHWESTERN SIDES OF US 2 AND VT 14. ON THE SOUTHEASTERN SIDES OF US 2 AND VT 14 THE TERRAIN HAS A MORE GRADUAL SLOPE TOWARDS SODOM BROOK AND WINOOSKI RIVER.

ALL ROAD SURFACES IN THE PROJECT AREA ARE BITUMINOUS CONCRETE PAVEMENT, EXCEPT THE NORTHERN SECTION OF KELTON ROAD, WHICH IS GRAVEL.

THIS PROJECT IS LOCATED IN THE VILLAGE OF EAST MONTPELIER WHICH IS A MORE URBAN TYPE AREA. THERE ARE MANY SMALL BUSINESS BUILDINGS AND RESIDENTIAL HOMES ADJACENT TO THE ROADWAY. ALL ELECTRICAL UTILITIES ARE LOCATED ABOVE GROUND WITH A MAJOR DISTRIBUTION LINE (GREEN MOUNTAIN POWER) CROSSING THE PROJECT.

1.2.4 VEGETATION

VEGETATION ALONG ALL OF THE ROADWAYS CONSISTS OF RESIDENTIAL LAWNS, WITH A DISPERSION OF SHRUBS, HARDWOOD AND SOFT WOOD TREES. VEGETATION ALONG THE BANK OF SODOM BROOK CONSISTS OF FESCUE GRASSES, BIRDSFOOT TREFFOIL, ANNUAL RYEGRASS AND VARIOUS WEED SPECIES. A PORTION OF THIS BANK THAT EXTENDS ALONG THE NORTHERLY SIDE OF US 2 WILL BE DISTURBED DURING CONSTRUCTION, THE VAOT URBAN SEED MIXTURE. A VEGETATION ENHANCEMENT JUTE-MESH AND 6 INCHES OF TOPSOIL WILL BE USED ON THIS SLOPE FOR EROSION CONTROL AND FOR FUTURE LANDSCAPING PLANS.

1.2.5 SOILS

ALL SOIL DATA CAME FROM THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE FOR THE COUNTY OF WASHINGTON, VERMONT. SOILS ON THE PROJECT SITE ARE AS FOLLOWS AND AS SHOWN ON THE PLANS:

CABOT SILT LOAM, 0 TO 3 PERCENT SLOPES, K= 0.32, -11,880 SQUARE METERS (2.9 ACRES)

SALMON VERY FINE SANDY LOAM, 8 TO 15 PERCENT SLOPES, K= 0.49, -2,840 SQUARE METERS (0.7 ACRES)

DUMMERSTON FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES, K= 0.32, -391 SQUARE METERS (0.1 ACRES)

ADAMS LOAMY FINE SAND, 3 TO 8 PERCENT SLOPES, K= 0.17, -1,030 SQUARE METERS (0.3 ACRES)

NOTE: K-VALUES GENERALLY INDICATE THE FOLLOWING: 0.0-0.23 = LOW EROSION POTENTIAL; 0.24-0.36 = MODERATE EROSION POTENTIAL; 0.37 AND HIGHER = HIGH EROSION POTENTIAL.

1.2.6 SENSITIVE RESOURCE AREAS

CRITICAL HABITATS: NO
HISTORICAL OR ARCHEOLOGICAL AREAS: 0.173 ACRES OF HISTORICAL LAND ACQUISITION
PRIME AGRICULTURAL LAND: NO (STATEWIDE)
THREATENED AND ENDANGERED SPECIES: NO
WATER RESOURCE: SODOM BROOK OUTSIDE PROJECT LIMITS -55 METERS (180 FEET)
WETLANDS: CLASS II WETLAND, WITHIN BUFFER LIMITS NEAR SODOM BROOK

1.3 RISK EVALUATION

THIS PROJECT FALLS UNDER THE JURISDICTION OF THE CONSTRUCTION GENERAL PERMIT 3-9020 FOR LOW RISK TO WATER QUALITY. SHOULD CHANGES PRIOR TO OR DURING CONSTRUCTION RESULT IN MORE IMPACTS INCREASING THE RISK TO WATER QUALITY OR SHOULD THE PROJECT BECOME PART OF A LARGER PLAN OF DEVELOPMENT, THEN THE SELECTED CONTRACTOR WILL BE RESPONSIBLE FOR ADDITIONAL PERMITTING WITH VANR VIA FILING OF AN AMENDMENT TO THE AUTHORIZED CGP. THE LOW RISK HANDBOOK SHOULD BE ON SITE AND COMPLIED WITH AT ALL TIMES. THE PROJECT WAS DETERMINED TO BE LOW RISK BY SEVERAL FACTORS, PRIMARILY DUE TO THE 80' VEGETATED BUFFER BETWEEN THE STORMWATER DISCHARGE POINT AND SODOM POND BROOK. THE PROJECT ALSO HAS LESS THAN AN ACRE OF SOILS WITH HIGH EROSION POTENTIAL (K=0.36). PART OF THE MITIGATION EFFORT IS TO LIMIT THE PROJECT TO TWO ACRES OR LESS OF EARTH DISTURBANCE AT ANY ONE TIME.

1.4 EROSION PREVENTION AND SEDIMENT CONTROL

THE EROSION CONTROL PLANS ARE MEANT AS A GUIDELINE FOR PREVENTING EROSION AND CONTROLLING SEDIMENT TRANSPORT. THE WORK OUTLINED IN THIS NARRATIVE CONSISTS OF APPLYING MEASURES THROUGHOUT THE LIFE OF THE PROJECT MINIMIZING SEDIMENT TRANSPORT TO THE RECEIVING WATERS. THE MEASURES INCLUDE STABILIZATION AND STRUCTURAL PRACTICES. STORM WATER CONTROLS AND OTHER POLLUTION PREVENTION CONTROLS.

PREVENTING INITIAL SOIL EROSION IS MUCH MORE EFFECTIVE THAN TREATING ERODED SEDIMENT. MAINTAINING VEGETATED BUFFERS ALONG STREAM BANKS, WETLANDS OR OTHER SENSITIVE AREAS IS A CRUCIAL EROSION AND SEDIMENT CONTROL MEASURE THAT SHOULD BE ESTABLISHED WHEREVER POSSIBLE.

ALL MEASURES SHALL BE REGULARLY MAINTAINED AND SHALL BE CHECKED FOR SEDIMENT BUILD-UP. SEDIMENT SHALL BE DISPOSED AT AN APPROVED SITE WHERE IT WILL NOT BE SUBJECT TO EROSION.

(REFER TO THE LOW RISK SITE HANDBOOK AND APPROPRIATE DETAIL SHEETS FOR EACH PRACTICE REQUIRED ON THE PROJECT TO INCLUDE BUT NOT LIMITED TO THE FOLLOWING.)

1.4.1 MARK SITE BOUNDARIES

PROJECT DEMARCATION FENCING, DENOTED -PDF- ON THE PLANS IS USED TO DELINEATE THE LIMITS THE CONTRACTOR CAN ACCESS WITH CONSTRUCTION EQUIPMENT. THIS MEASURE LIMITS THE AREA THAT CAN BE DISTURBED AND EXPOSED TO EROSION.

1.4.2 LIMIT DISTURBANCE AREA

EMPLOY TEMPORARY STABILIZATION PRACTICES IN INCREMENTAL STAGES (PHASING) AS CONSTRUCTION PROCEEDS. ADDITIONAL MEASURES MAY BE NEEDED DUE TO THE PHASING OF THE PROJECT AND AS DIRECTED BY THE ENGINEER.

1.4.3 STABILIZE CONSTRUCTION EXIT

STABILIZED CONSTRUCTION ENTRANCE SHALL BE UTILIZED AS NECESSARY.

1.4.4 INSTALL SILT FENCE

SILT FENCE SHALL BE INSTALLED PRIOR TO ANY UP SLOPE WORK AS SHOWN ON THE PLANS OR AS NECESSARY.

1.4.5 DIVERT UPLAND RUNOFF

SWALE (STORM WATER FROM STREET COLLECTIONS DRAINAGE SYSTEM) AS NECESSARY

1.4.6 SLOW DOWN CHANNELIZED RUNOFF

CHECK DAMS SHALL BE UTILIZED AS NECESSARY.

1.4.7 CONSTRUCT PERMANENT CONTROLS

SEED AND MULCH AS NECESSARY
DRAINAGE INLETS AND PIPING
STORMWATER ENERGY DISAPATOR WITH TYPE II STONE FILL (STA 4+968 LT - 4+976 LT)

1.4.8 STABILIZE EXPOSED SOILS

SEED AND MULCH AS NECESSARY
EROSION MATTING ON SLOPES STEEPER THAN 1:3
STONE FILL (TYPE II) FOR SLOPE LINING & CHANNEL PROTECTION

TRACKING OF ALL EXPOSED SLOPES, COMBINED WITH TEMPORARY MULCHING, WILL BE UTILIZED ON A REGULAR BASIS. SEEDING, MULCHING AND BIODEGRADABLE EROSION CONTROL MATTING OR AN EQUIVALENT SHALL BE USED TO STABILIZE ALL SLOPES STEEPER THAN 1:3.

1.4.9 WINTER STABILIZATION

VARIOUS MEASURES SPECIFIC TO WINTER (SEE LOW RISK HANDBOOK)

1.4.10 STABILIZE SOIL AT FINAL GRADE

SEED AND MULCH
EROSION MATTING

SEEDING, MULCHING AND BIODEGRADABLE EROSION CONTROL MATTING OR AN EQUIVALENT SHALL BE USED TO STABILIZE ALL SLOPES STEEPER THAN 1:3.

1.4.11 DE-WATERING ACTIVITIES

AS NECESSARY

1.4.12 INSPECT YOUR SITE

INSPECT SITE BASED ON PERMIT AUTHORIZATION OR SPECIAL PROVISION REQUIREMENTS.

1.5 PROPOSED CONSTRUCTION PHASING SEQUENCE

- INSTALL GEOMATTING AND BEGIN CONSTRUCTION OF REALIGNED ROAD
- INSTALL STONE CHECK DAM PROTECTION
- EXCAVATE AND REPLACE/INSTALL NEW CROSS CULVERTS
- COMPLETE REALIGNED ROAD
- SEED SIDE SLOPES WITH TEMPORARY SEED MIX
- PLACE EROSION MATTING ON SLOPES GREATER THAN 1:3. HAY MULCH ALL OTHER DISTURBED AREAS
- COMPLETE EXCAVATION
- PLACE NEW BASE COURSE TO LINE AND GRADE
- REFORM/INSTALL DITCHES
- SHAPE AND GRADE SIDE SLOPES AS REQUIRED
- INSTALL EROSION MATTING WHERE/AS REQUIRED
- SEED AND MULCH SIDE SLOPES
- PLACE GEOFABRIC AND STONE AS SHOWN
- INSTALL TEMPORARY PAVEMENT MARKINGS
- REMOVE INLET PROTECTION WORKS
- GRADE, SEED AND MULCH ALL REMAINING DISTURBED AREAS
- INSTALL PAVEMENT WEAR COURSE
- REMOVE INITIAL EROSION CONTROL MEASURES

- DENOTES WORK THAT CAN BE PERFORMED CONCURRENTLY

EPSC NARRATIVE

PROJECT NAME: EAST MONTPELIER
PROJECT NUMBER: STPG 028-3(35)S

FILE NAME: db028eros.dgn
PROJECT LEADER: JLS
DESIGNED BY: JFG

PLOT DATE: 01-JUL-2008
DRAWN BY: WF
CHECKED BY:
ROW SHEET 15 OF 37

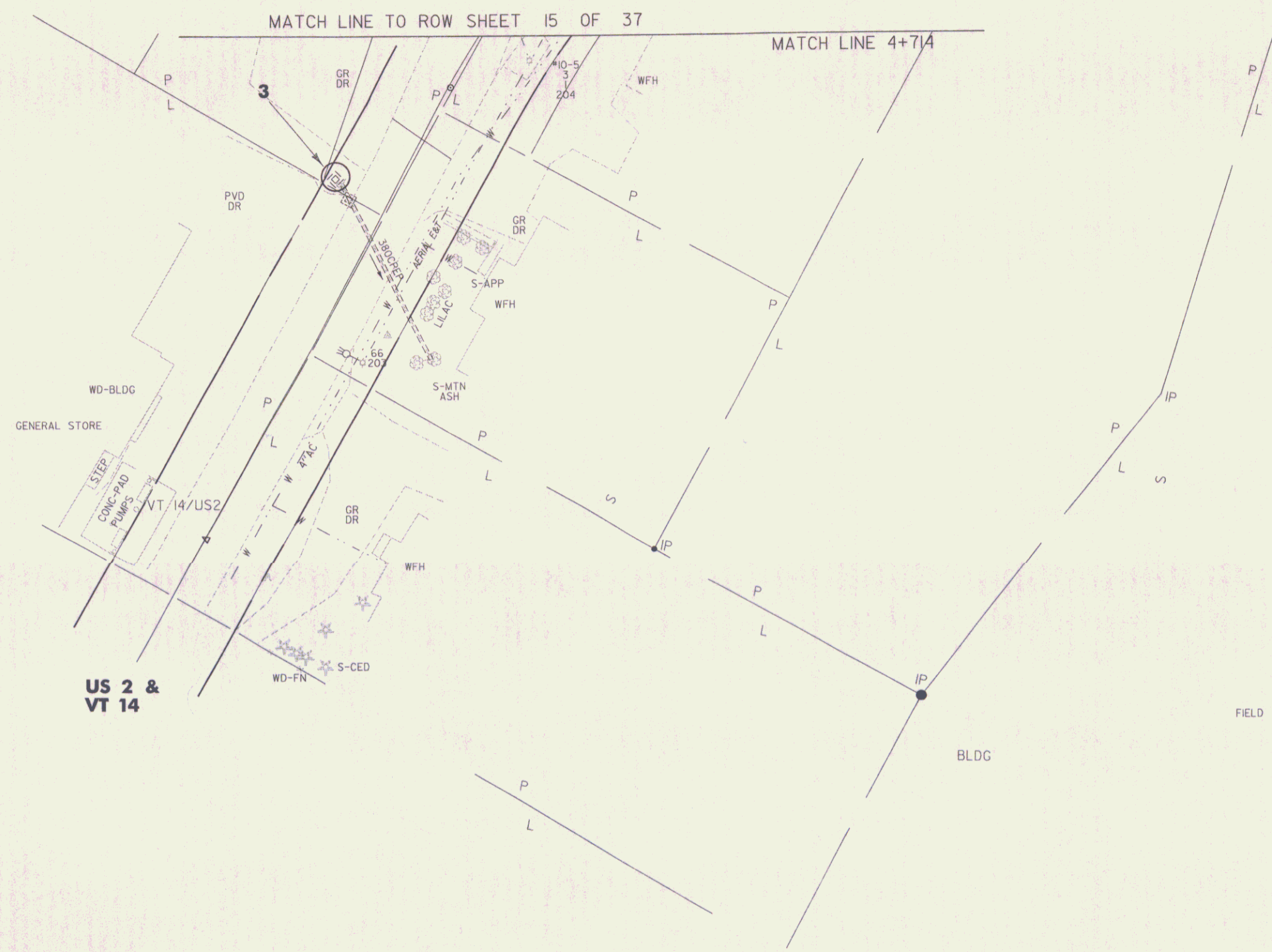


EROSION AND SEDIMENT CONTROL INDEX (LAYOUT 1)

NO.	LOCATION	DESCRIPTION
3	4+694 LT	DROP INLET PROTECTION

EROSION AND SEDIMENT CONTROL INDEX (LAYOUT 2)

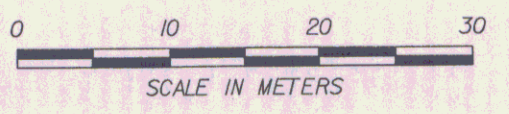
NO.	LOCATION	DESCRIPTION
3	4+694 LT	DROP INLET PROTECTION
5	4+749 LT	DITCH AND SLOPE PROTECTION
5	4+785 LT	DITCH AND SLOPE PROTECTION
3	4+785 LT	DROP INLET PROTECTION
4	4+800 RT	CURB DROP INLET PROTECTION
5	4+796 RT	DITCH AND SLOPE PROTECTION
5	4+825 RT	DITCH AND SLOPE PROTECTION
3	4+818 LT	DROP INLET PROTECTION
4	4+825 RT	CURB DROP INLET PROTECTION
3	4+826 RT	DROP INLET PROTECTION
3	4+827 LT	DROP INLET PROTECTION
3	4+863 LT	DROP INLET PROTECTION
5	14+035 LT	DITCH AND SLOPE PROTECTION
5	14+091 LT	DITCH AND SLOPE PROTECTION
3	14+038 RT	DROP INLET PROTECTION
5	14+039 RT	DITCH AND SLOPE PROTECTION
5	14+076 RT	DITCH AND SLOPE PROTECTION
1	14+043 RT	CONSTRUCT SILT FENCE
1	14+075 RT	CONSTRUCT SILT FENCE
2	14+061 RT	CONSTRUCT CHECK DAM
3	14+092 LT	DROP INLET PROTECTION
4	40+015 LT	CURB DROP INLET PROTECTION
4	40+015 RT	CURB DROP INLET PROTECTION
3	40+030 LT	DROP INLET PROTECTION



LEGEND

	SILT FENCE
	CHECK DAM
	DITCH AND SLOPE PROTECTION
	DROP INLET PROTECTION
	CURB DROP INLET PROTECTION

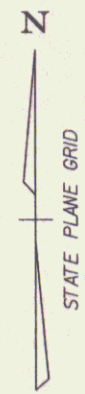
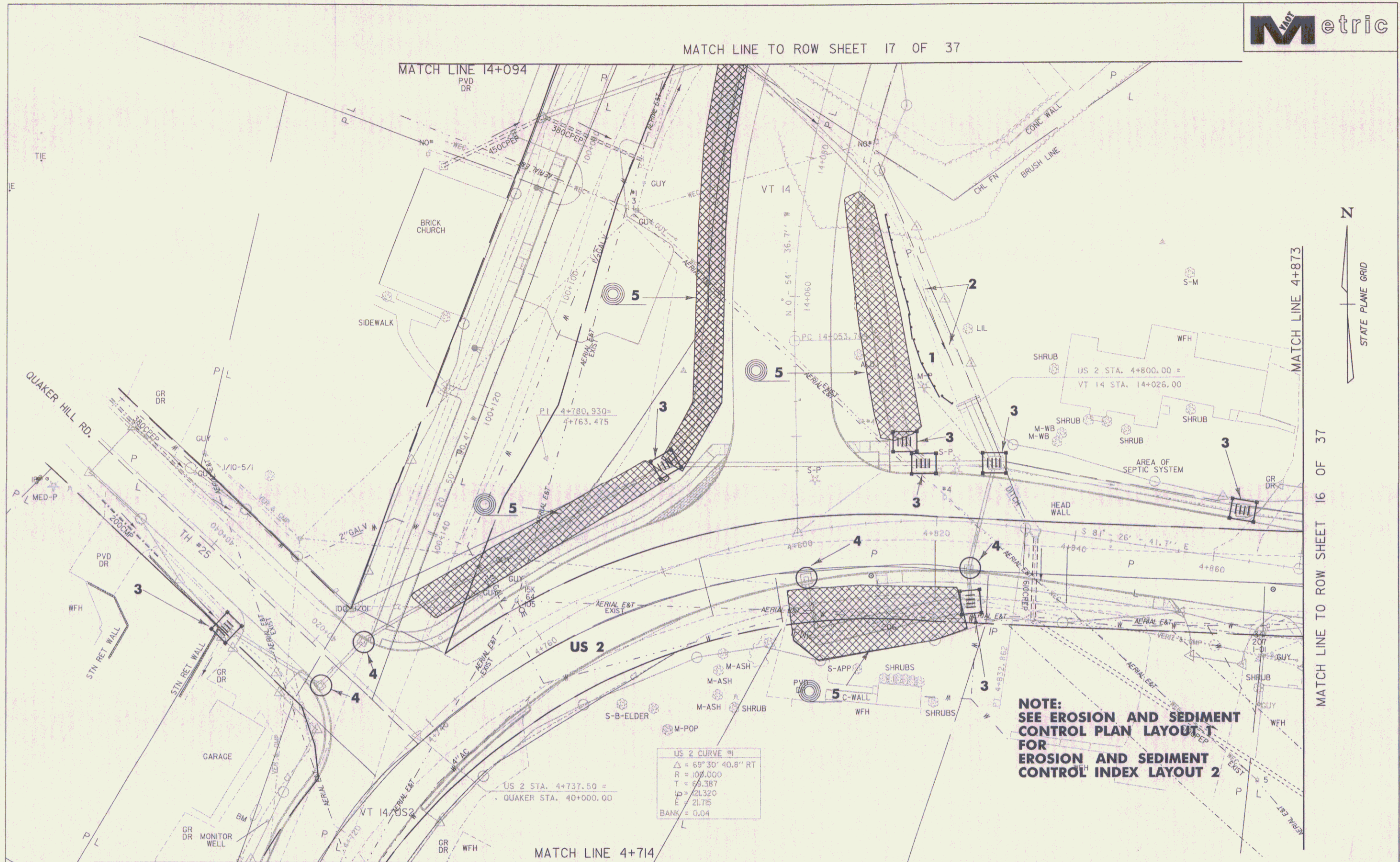
DATUM
 VERTICAL: NAVD 88
 HORIZONTAL: NAD 83(1992)



EROSION CONTROL PLAN LAYOUT 1

PROJECT: EAST MONTPELIER	PROJECT NO.: STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028...bdr_nul_top...dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: db028epl	SURVEY DATE: 8/98
SURVEYED BY:	DRAWN BY: Jfg
SQUAD LEADER: Jls	ROW SHEET 14 OF 37

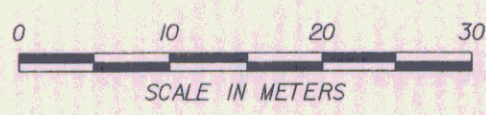
MATCH LINE TO ROW SHEET 17 OF 37



**NOTE:
SEE EROSION AND SEDIMENT
CONTROL PLAN LAYOUT 1
FOR
EROSION AND SEDIMENT
CONTROL INDEX LAYOUT 2**

US 2 CURVE #1
 $\Delta = 69^{\circ} 30' 40.8''$ RT
 $R = 109.000$
 $T = 66.387$
 $LC = 42.320$
 $E = 21.715$
 $BANK = 0.04$

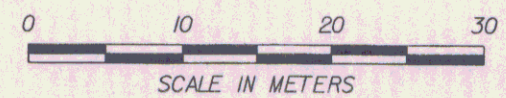
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VERTICAL	NAVD 88
HORIZONTAL	NAD 83(1992)



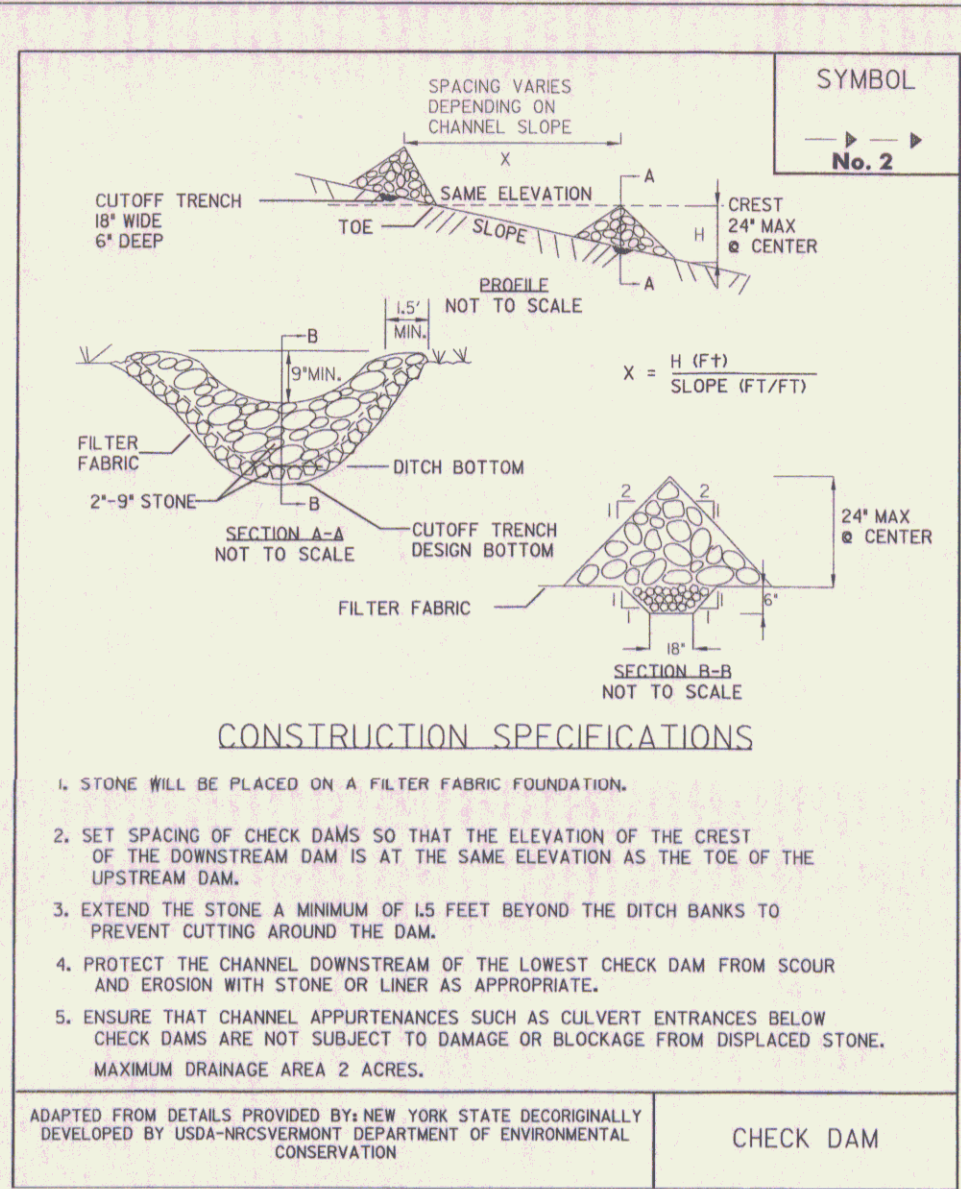
EROSION CONTROL PLAN LAYOUT 2	
PROJECT:	PROJECT NO.:
EAST MONTPELIER	STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028...bdr_nul_top.dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: db028ep2	SURVEY DATE: 8/98
SURVEYED BY:	DRAWN BY: jfg
SQUAD LEADER: Jls	ROW SHEET 15 OF 37



DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(0992)



EROSION CONTROL PLAN LAYOUT 3	
PROJECT: EAST MONTPELIER	PROJECT NO.: STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/ab028...bdr_nul_top...dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: ab028ep3	SURVEY DATE: 8/98
SURVEYED BY:	DRAWN BY: jfg
SQUAD LEADER: jls	ROW SHEET 16 OF 37



CONSTRUCTION SPECIFICATIONS

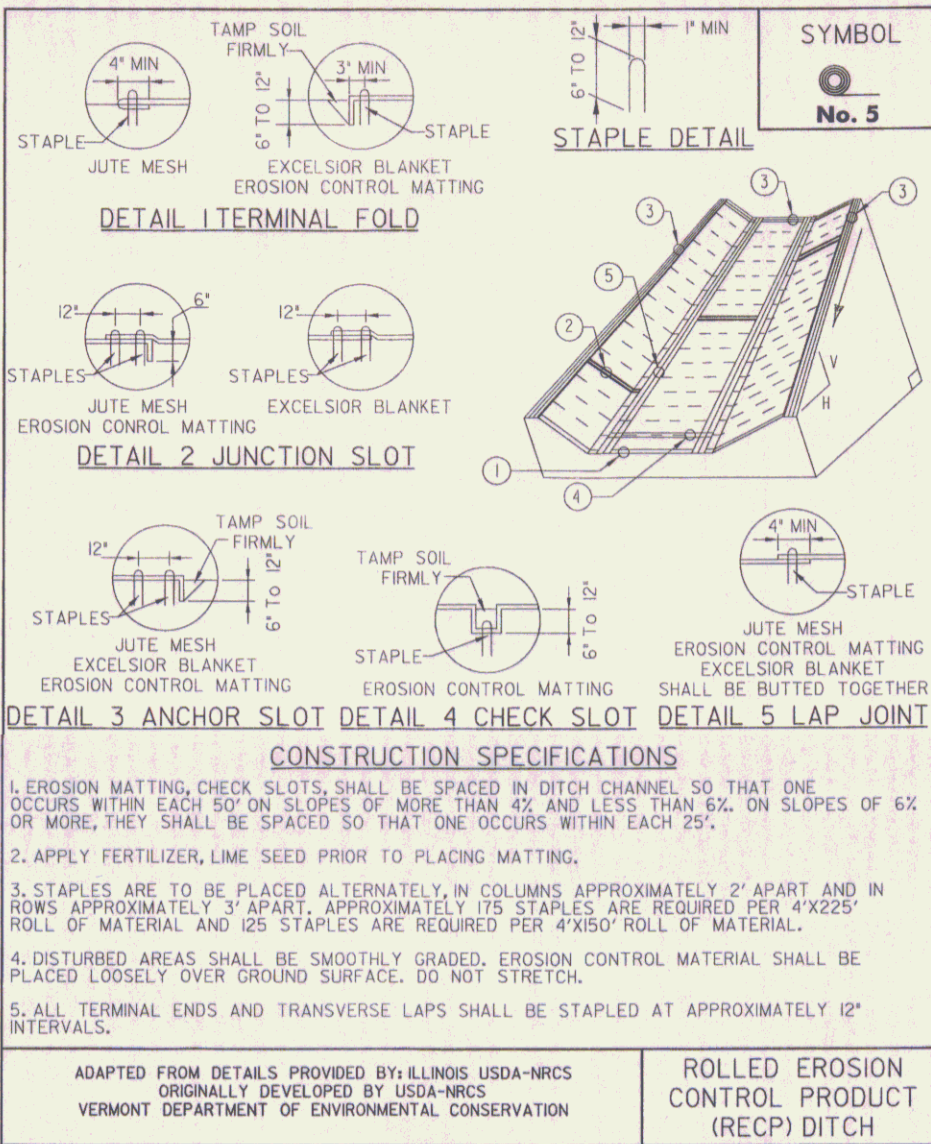
1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION.
2. SET SPACING OF CHECK DAMS SO THAT THE ELEVATION OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION AS THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA 2 ACRES.

ADAPTED FROM DETAILS PROVIDED BY: NEW YORK STATE DECORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

CHECK DAM

NOTES:
REFER TO THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.
THIS ITEM SHALL BE PAID FOR UNDER ITEM 653.25 TEMPORARY STONE CHECK DAM, TYPE 1

REVISIONS	
MARCH 8, 2007	JMF



CONSTRUCTION SPECIFICATIONS

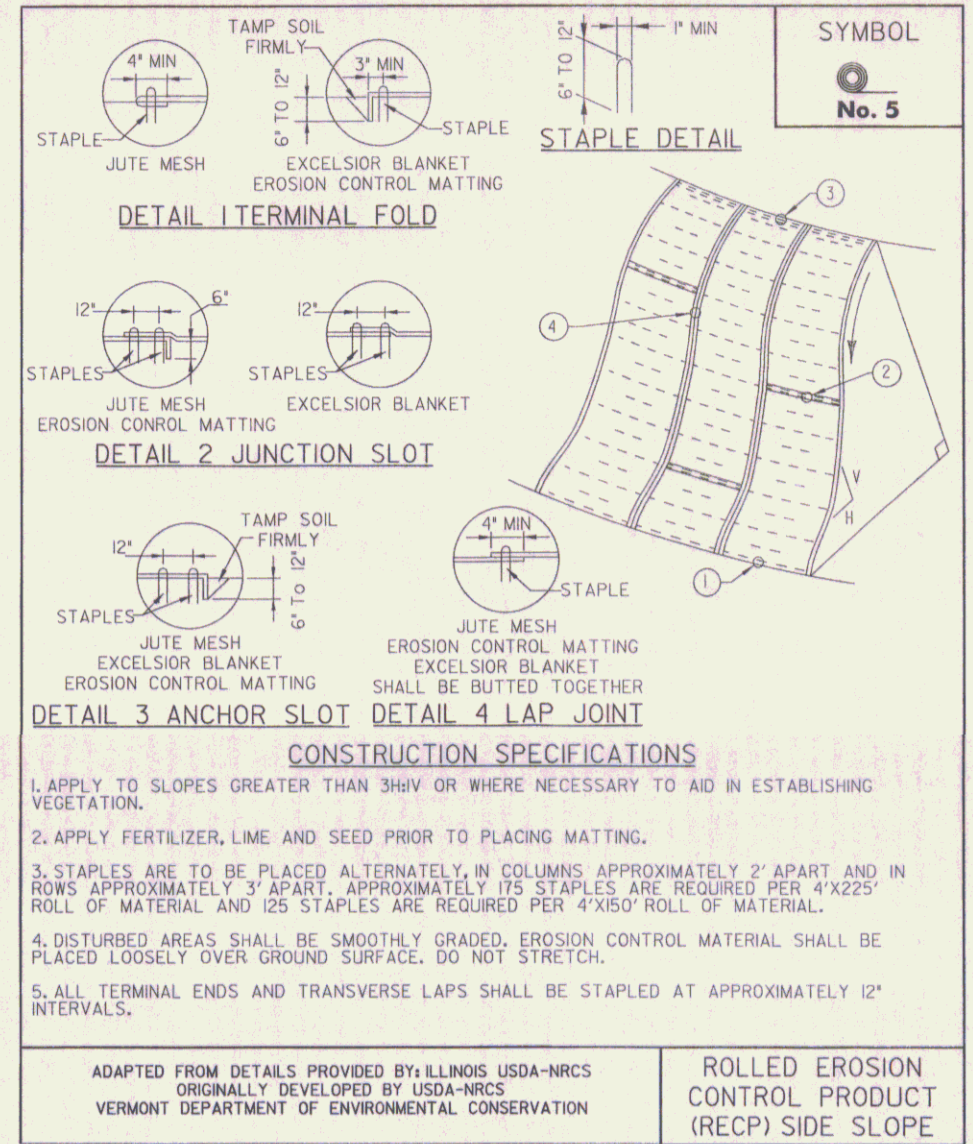
1. EROSION MATTING CHECK SLOTS SHALL BE SPACED IN DITCH CHANNEL SO THAT ONE OCCURS WITHIN EACH 50' ON SLOPES OF MORE THAN 4% AND LESS THAN 6%. ON SLOPES OF 6% OR MORE, THEY SHALL BE SPACED SO THAT ONE OCCURS WITHIN EACH 25'.
2. APPLY FERTILIZER, LIME AND SEED PRIOR TO PLACING MATTING.
3. STAPLES ARE TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4'X225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4'X150' ROLL OF MATERIAL.
4. DISTURBED AREAS SHALL BE SMOOTHLY GRADED. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
5. ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

ADAPTED FROM DETAILS PROVIDED BY: ILLINOIS USDA-NRCS ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

ROLLED EROSION CONTROL PRODUCT (RECP) DITCH

NOTES:
REFER TO THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.
THIS ITEM SHALL BE PAID FOR UNDER ITEM 653.20 TEMPORARY EROSION MATTING OR 653.21 PERMANENT EROSION MATTING

REVISIONS	
MARCH 8, 2007	JMF
APRIL 16, 2007	WHF



CONSTRUCTION SPECIFICATIONS

1. APPLY TO SLOPES GREATER THAN 3H:1V OR WHERE NECESSARY TO AID IN ESTABLISHING VEGETATION.
2. APPLY FERTILIZER, LIME AND SEED PRIOR TO PLACING MATTING.
3. STAPLES ARE TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4'X225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4'X150' ROLL OF MATERIAL.
4. DISTURBED AREAS SHALL BE SMOOTHLY GRADED. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
5. ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

ADAPTED FROM DETAILS PROVIDED BY: ILLINOIS USDA-NRCS ORIGINALLY DEVELOPED BY USDA-NRCS VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

ROLLED EROSION CONTROL PRODUCT (RECP) SIDE SLOPE

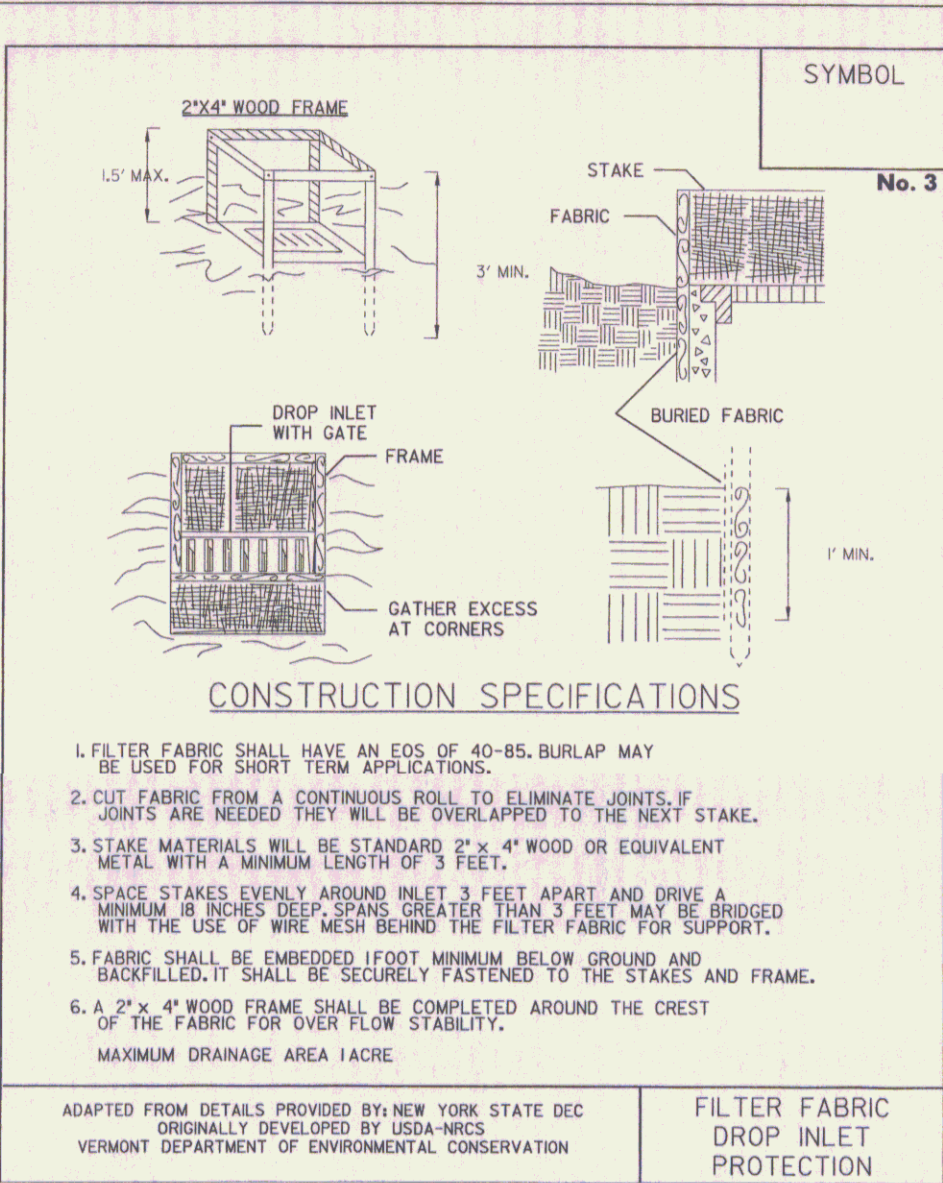
NOTES:
REFER TO THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006- FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.
THIS ITEM SHALL BE PAID FOR UNDER ITEM 653.20 TEMPORARY EROSION MATTING OR 653.21 PERMANENT EROSION MATTING

REVISIONS	
APRIL 16, 2007	WHF

EPSC DETAIL SHEETS

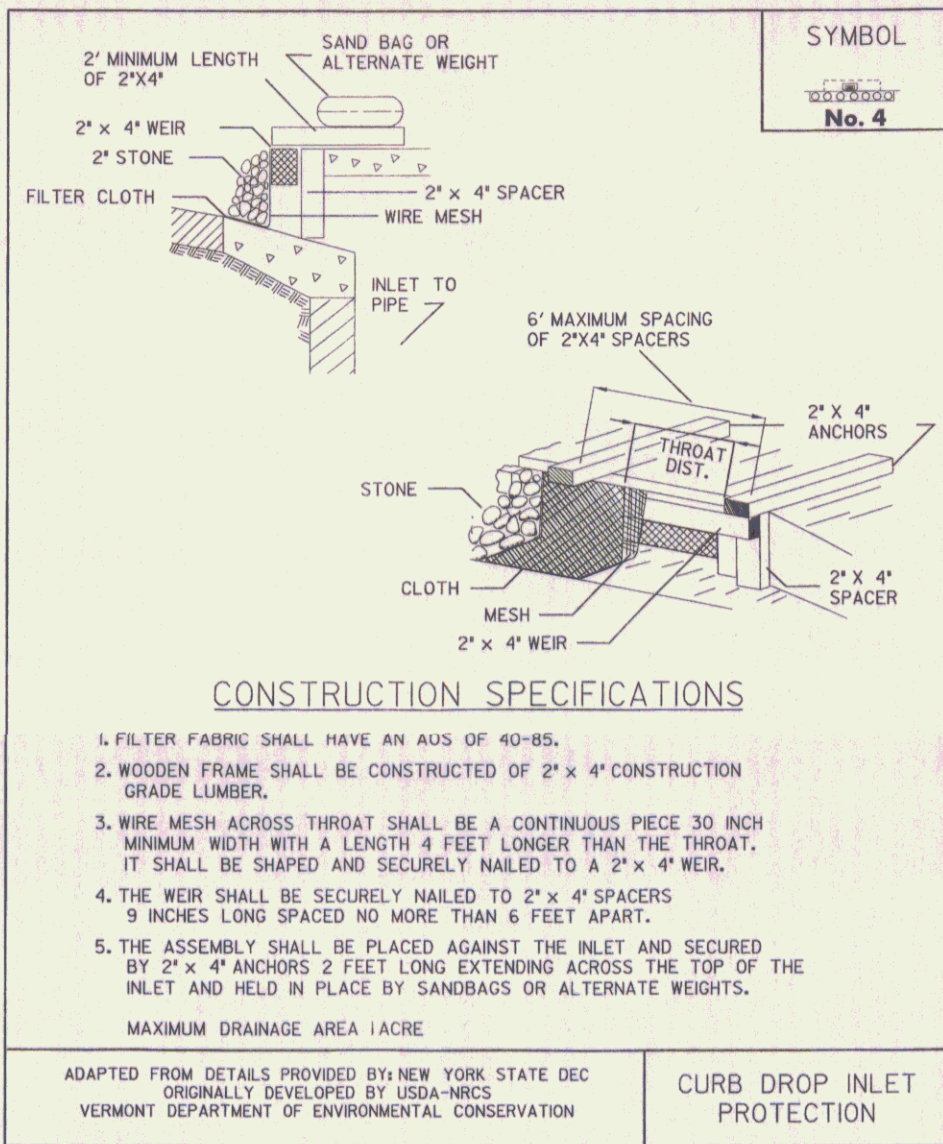
PROJECT NAME:	EAST MONTPELIER
PROJECT NUMBER:	STPG 028-3(35)S
FILE NAME:	db028eros.dgn
PROJECT LEADER:	JLS
DESIGNED BY:	JFG
PLOT DATE:	01-JUL-2008
DRAWN BY:	WF
CHECKED BY:	
ROW SHEET	18 OF 37

NTS

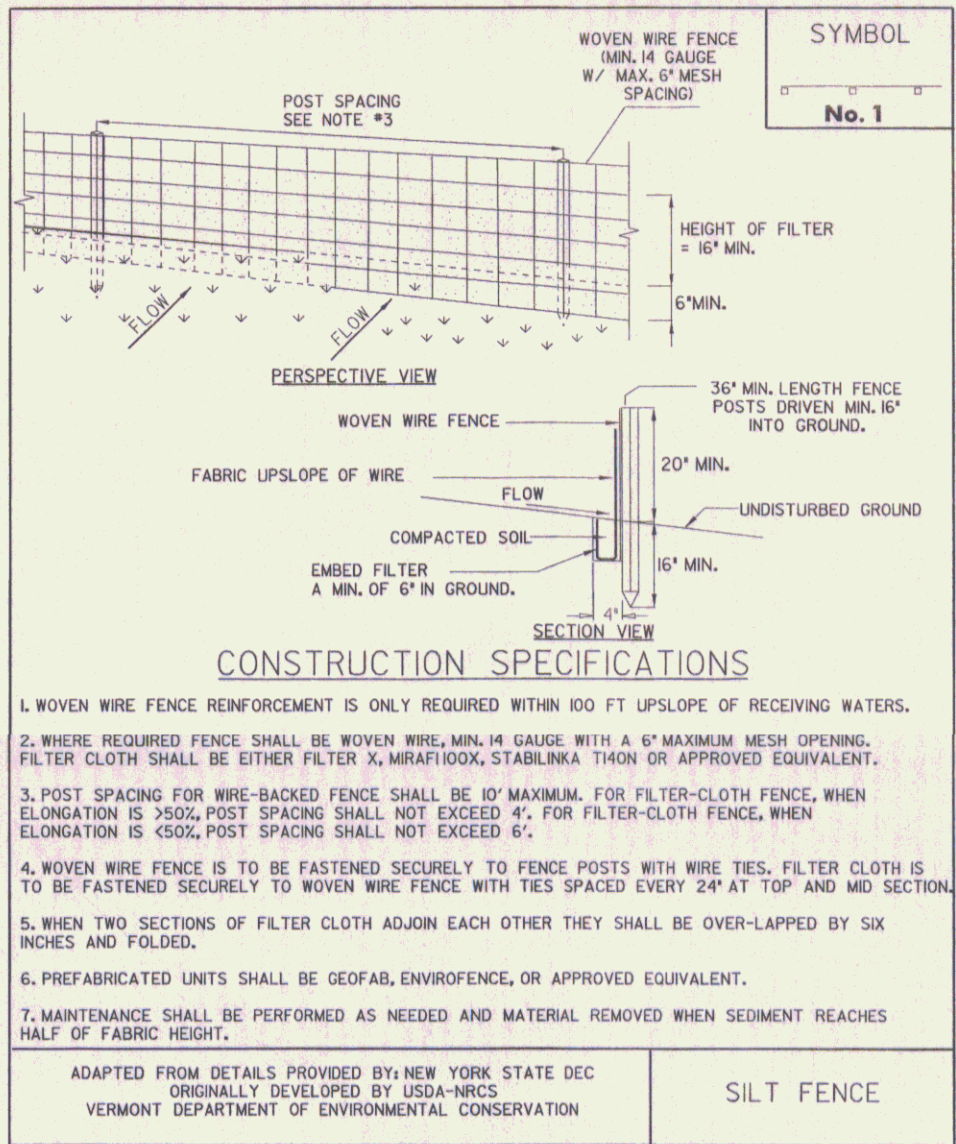


NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006-" FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.
THIS ITEM SHALL BE PAID FOR UNDER ITEM 653.40 INLET PROTECTION DEVICE, TYPE 1

REVISIONS	
MARCH 8, 2007	JMF



NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006-" FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.
THIS ITEM SHALL BE PAID FOR UNDER ITEM 653.40 INLET PROTECTION DEVICE, TYPE 1

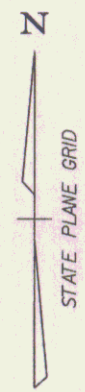


NOTES:
REFER TO "THE VERMONT STANDARDS & SPECIFICATIONS FOR EROSION PREVENTION & SEDIMENT CONTROL -2006-" FROM THE VT AGENCY OF NATURAL RESOURCES FOR ADDITIONAL GUIDANCE.
THIS ITEM SHALL BE PAID FOR UNDER ITEM 649.51 GEOTEXTILE FOR SILT FENCE (FILTER FABRIC ONLY FENCE) 900 SERIES SPECIAL PROVISION (WOVEN WIRE REINFORCED FENCE)

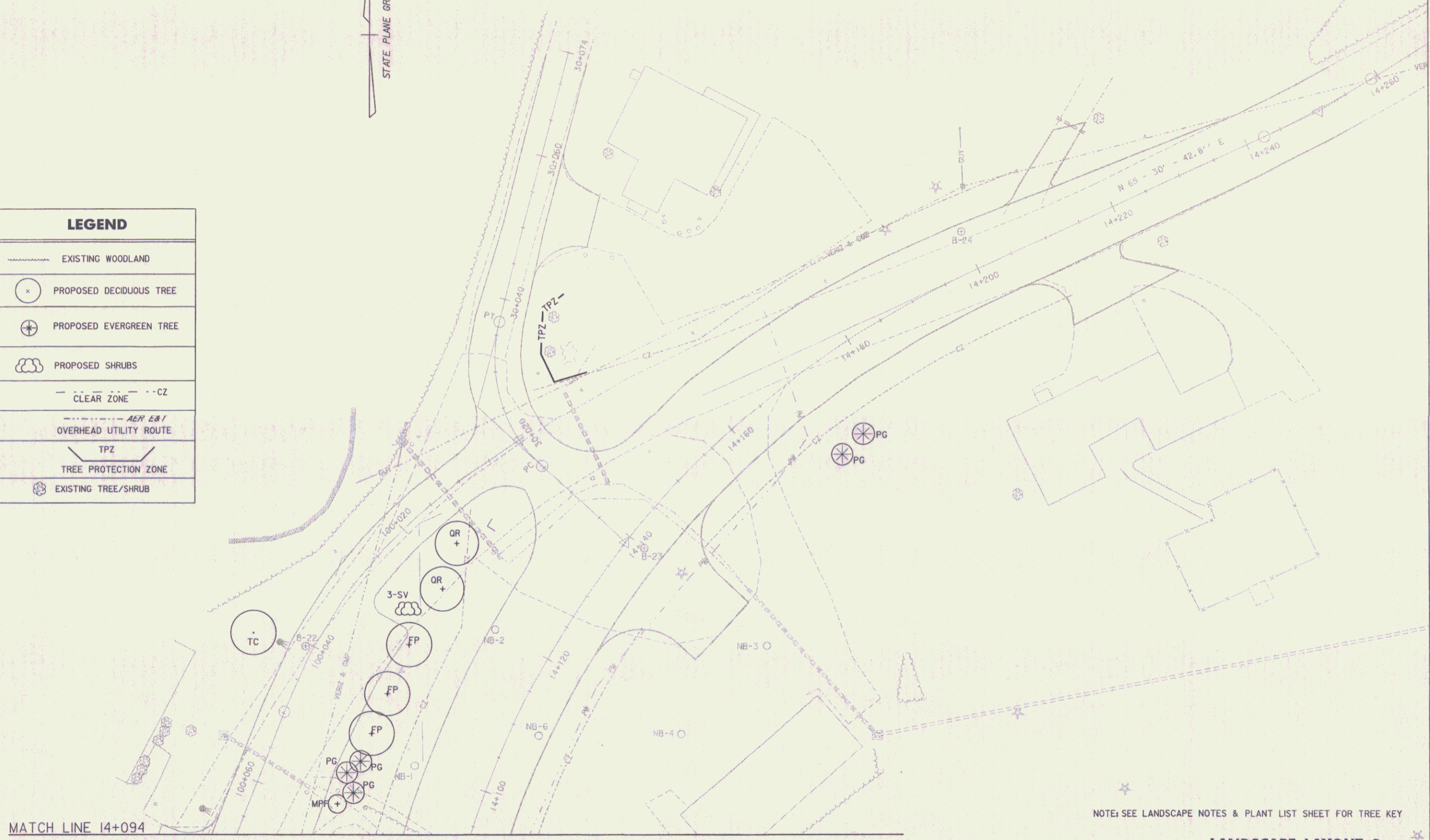
EPSC DETAIL SHEETS

PROJECT NAME:	EAST MONTEPELIER
PROJECT NUMBER:	STPG 028-3(35)S
FILE NAME:	db028er00s.dgn
PROJECT LEADER:	JLS
DESIGNED BY:	JFG
PLOT DATE:	01-JUL-2008
DRAWN BY:	WF
CHECKED BY:	
ROW SHEET	19 OF 37

NTS



LEGEND	
	EXISTING WOODLAND
	PROPOSED DECIDUOUS TREE
	PROPOSED EVERGREEN TREE
	PROPOSED SHRUBS
	CLEAR ZONE
	AERIAL OVERHEAD UTILITY ROUTE
	TREE PROTECTION ZONE
	EXISTING TREE/SHRUB



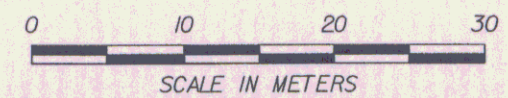
MATCH LINE 14+094

MATCH LINE TO ROW SHEET 22 OF 37

NOTE: SEE LANDSCAPE NOTES & PLANT LIST SHEET FOR TREE KEY

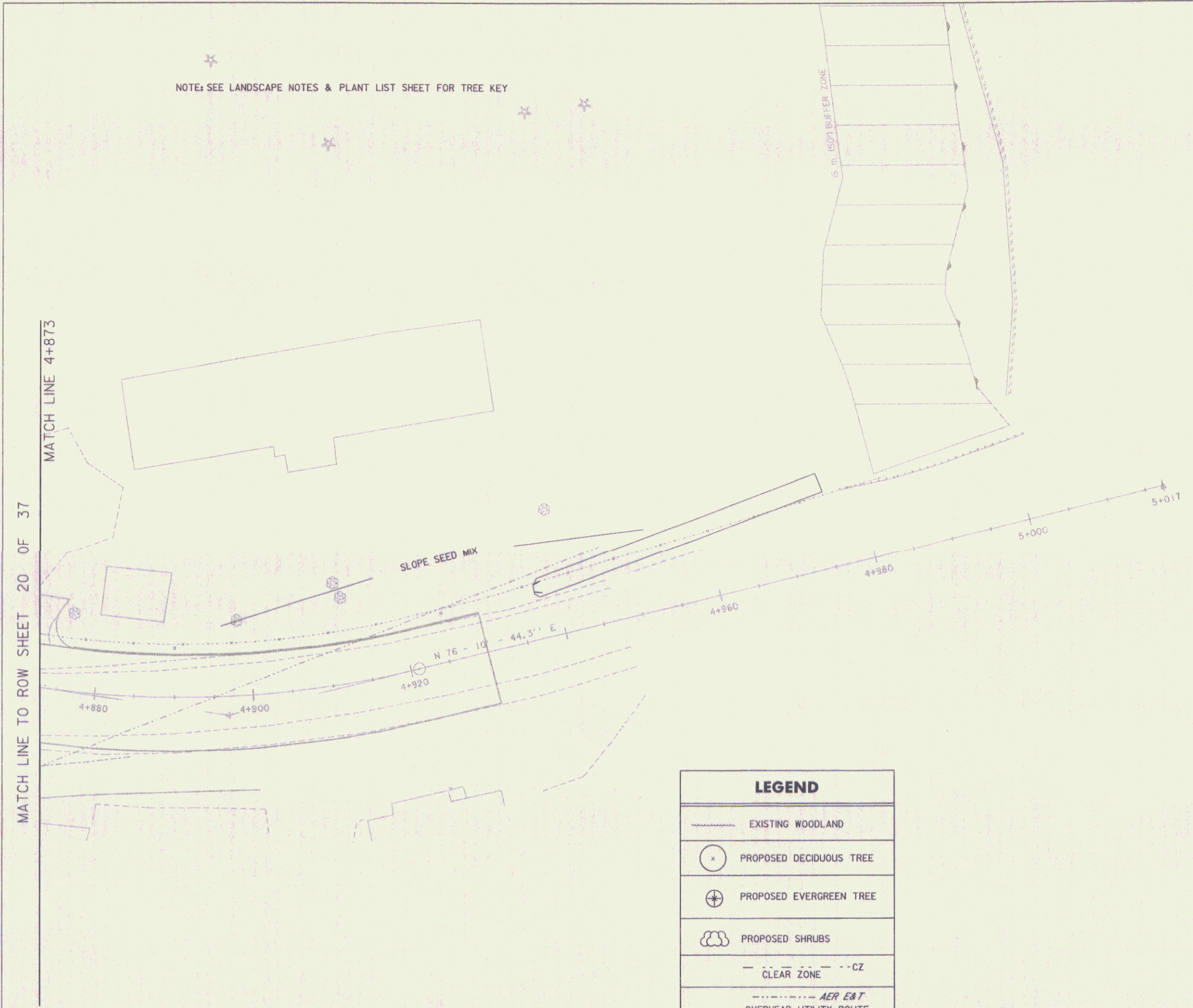
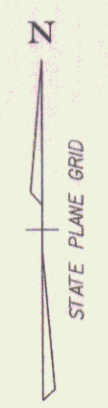
LANDSCAPE LAYOUT 2

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(1992)



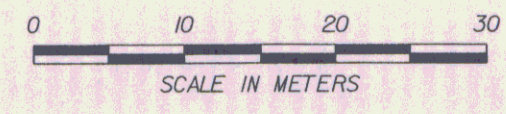
PROJECT: EAST MONTPELIER	PROJECT NO.: STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028...bdr,nul,top...dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: db028lp2	SURVEY DATE: 8/98
SURVEYED BY:	DRAWN BY: Jfg
SQUAD LEADER: Jls	ROW SHEET 21 OF 37

NOTE: SEE LANDSCAPE NOTES & PLANT LIST SHEET FOR TREE KEY



DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(1992)

LEGEND	
	EXISTING WOODLAND
	PROPOSED DECIDUOUS TREE
	PROPOSED EVERGREEN TREE
	PROPOSED SHRUBS
	CLEAR ZONE
	OVERHEAD UTILITY ROUTE
	TPZ
	EXISTING TREE/SHRUB

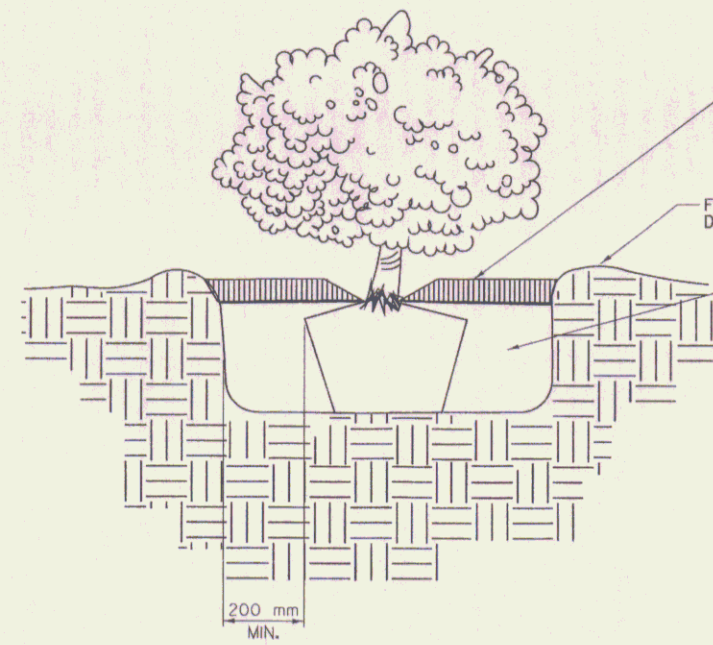


NOTE: SEE LANDSCAPE NOTES & PLANT LIST SHEET FOR TREE KEY

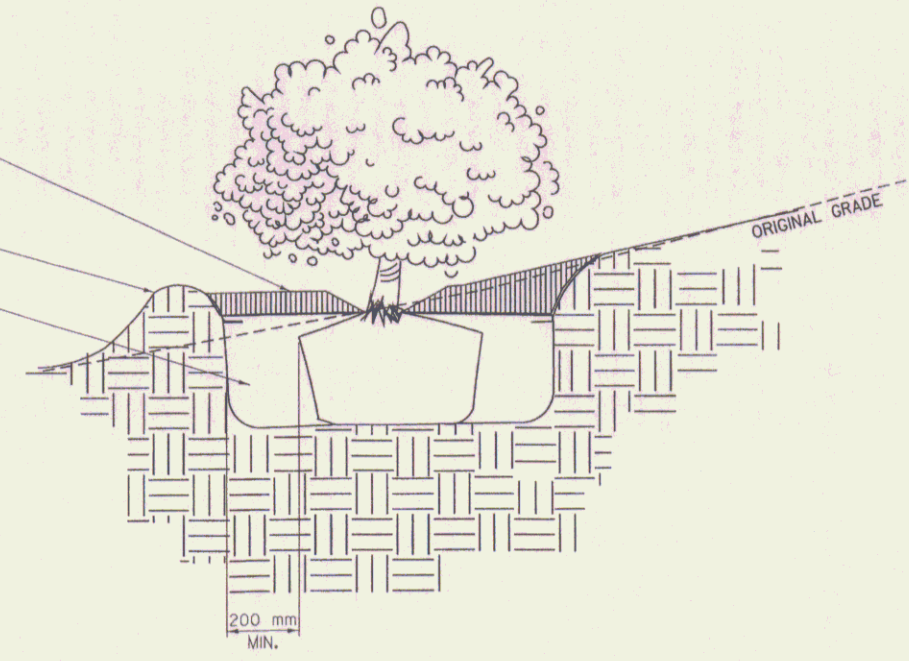
LANDSCAPE LAYOUT 3

PROJECT: EAST MONTPELIER	PROJECT NO.: STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028...bdr_nul_top...dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: db028lp3	SURVEY DATE: 8/98
SURVEYED BY:	DRAWN BY: JTs
SQUAD LEADER: Jls	ROW SHEET 22 OF 37

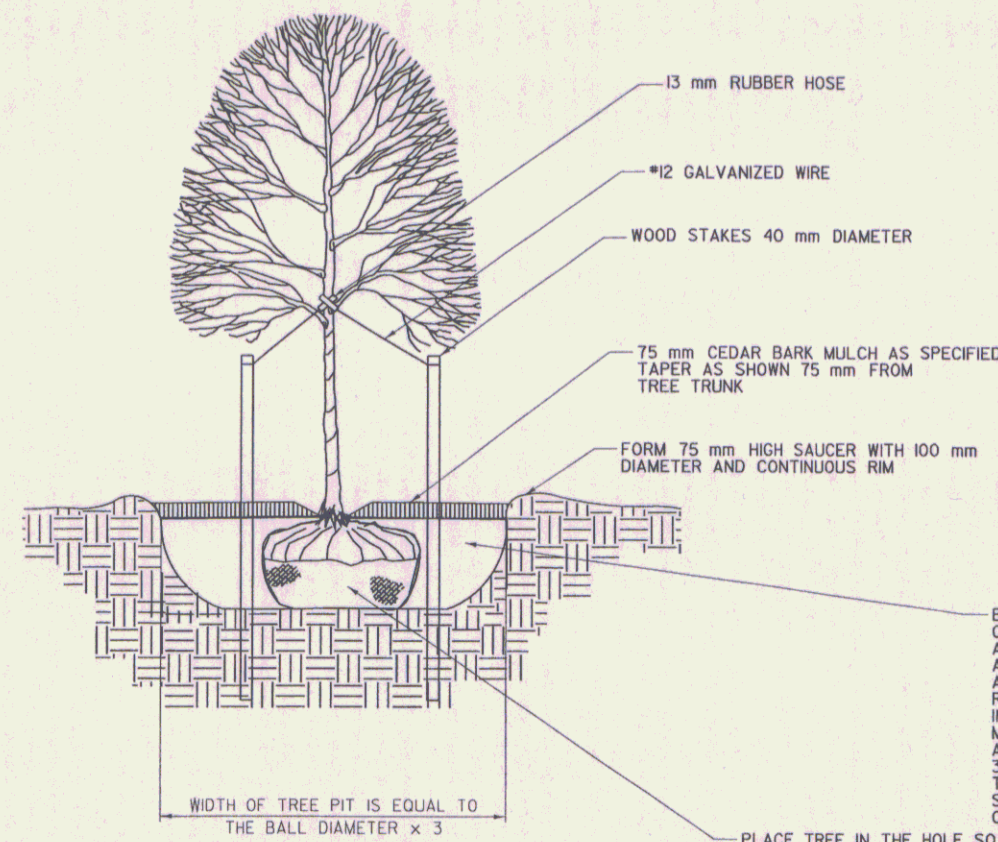
LANDSCAPE DETAILS



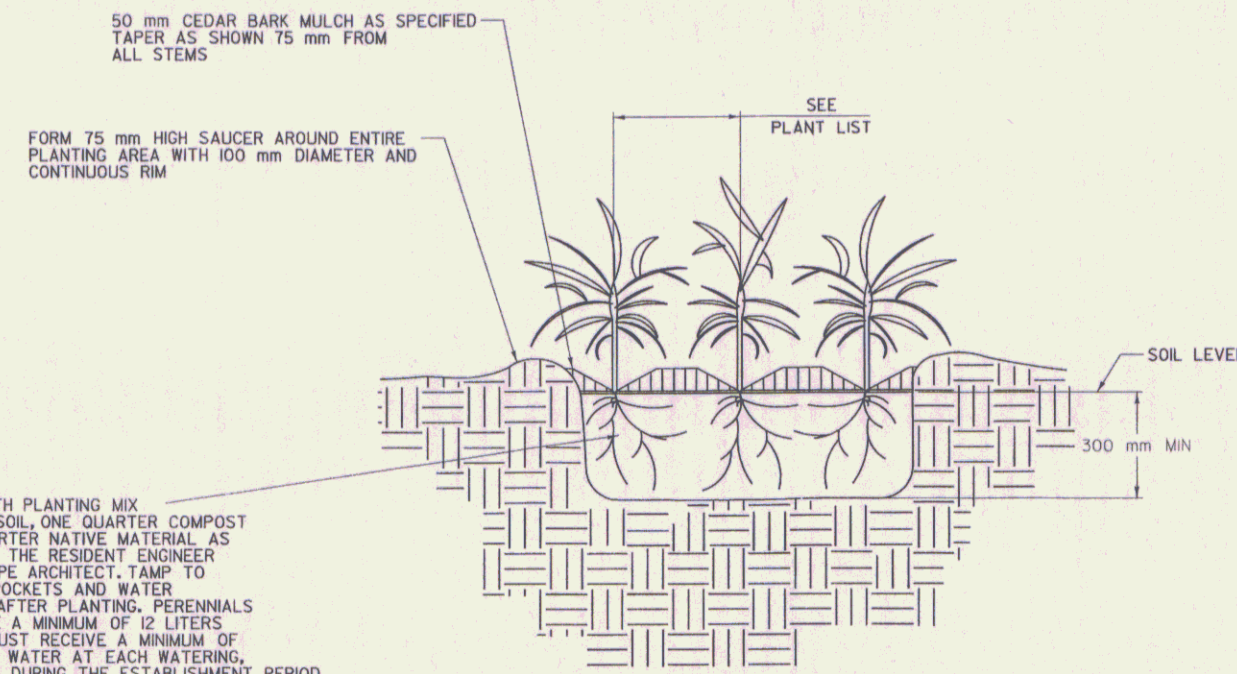
SHRUB PLANTING DETAIL
NOT TO SCALE



SHRUB PLANTING ON SLOPES DETAIL
NOT TO SCALE



DECIDUOUS TREE PLANTING DETAIL
NOT TO SCALE



PERENNIAL PLANTING DETAIL
NOT TO SCALE

PLANT SOURCES ARE LISTED BELOW:

- HORSEFORD GARDENS & NURSERY
218 GREENBUSH RD.
CHARLOTTE, VT 05445
802-425-2811
LORITAXTER
- HIGH REACH FARM
2847 TAMPICO RD.
DANVILLE, VT 05828
802-748-3512
STEVE PARKER & SUSANNE TERRY
- COBBLE CREEK NURSERY
WHOLESALE GROWERS
RD #2, BOX 3850
BRISTOL, VT 05433
802-453-3889
JOHN PADUA
- ELMORE ROOTS NURSERY
PO BOX 171
ELMORE, VT 05657
1-800-42PLANT OR 888-3305
WWW.ELMOREROOTS.COM
DAVID L. FRIED
- 4 SEASONS GARDEN CENTER
427 MARSHALL AVENUE
WILISTON, VT 05495
802-862-6036
COMMERCIAL@4SEASONGC.COM

NOTES:

1. STAKE ONLY THOSE TREES PLANTED IN WINDY, EXPOSED LOCATIONS WHERE THEY MIGHT BE BLOWN OVER OR VANDALIZED AS DETERMINED BY RESIDENT ENGINEER OR LANDSCAPE ARCHITECT.
2. COMPLETELY REMOVE ALL GUY WIRES, RUBBER HOSE, AND STAKES ONE YEAR AFTER PLANTING.

PROJECT NAME:	EAST MONTPELIER
PROJECT NUMBER:	STPG 028-3(35)
FILE NAME:	98b028/traff/ab028LSC.dgn
PROJECT LEADER:	JLS
DESIGNED BY:	J Brown
PLOT DATE:	01-JUL-2008
DRAWN BY:	JFG
CHECKED BY:	
ROW SHEET	23 OF 37

PLANT LIST

East Montpelier VT
STPG 028 - 3 (35) S

PLANT LIST

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	REMARKS
SMALL DECIDUOUS TREES						
			SERVICEBERRY "AUTUMN BRILLIANCE"	1 3/4"-2" CAL	B & B	SPRING
AAB		AMELANCHIER "AUTUMN BRILLIANCE"	"AUTUMN BRILLIANCE"	1 3/4"-2" CAL	B & B	SPRING
LM		MAGNOLIA X LOEBNERI "LEONARD MESSEL"	"LEONARD MESSEL"	1 3/4"-2" CAL	B & B	SPRING
MA		MALUS 'ADAMS'	"ADAMS' CRABAPPLE"	1 3/4"-2" CAL	B & B	SPRING
MDW		MALUS 'DONALD WYMAN'	"DONALD WYMAN' CRABAPPLE"	1 3/4"-2" CAL	B & B	SPRING
MHG		MALUS 'HARVEST GOLD'	"HARVEST GOLD' CRABAPPLE"	1 3/4"-2" CAL	B & B	SPRING
MPF		MALUS "PRAIRIE FIRE"	"PRAIRIE FIRE" CRABAPPLE"	1 3/4"-2" CAL	B & B	SPRING
MST		MALUS 'SUGAR TYME'	"SUGAR TYME" CRABAPPLE"	1 3/4"-2" CAL	B & B	SPRING
SR		SYRINGA RETICULATA "IVORY SILK"	"IVORY SILK" TREE LILAC	1 3/4"-2" CAL	B & B	SPRING
LARGE DECIDUOUS TREES						
AF		ACER FREMANII X AUTUMN BLAZE	"AUTUMN BLAZE" MAPLE	2" - 2 1/2" CAL	B & B	SPRING
BN		BETLA NIGRA "HERITAGE"	"HERITAGE RIVER BIRCH"	2" - 2 1/2" CALIPER	B & B	SPRING
FP		FRAXINUS PENNSYLVANICA "SUMMIT"	"SUMMIT" GREEN ASH	2" - 2 1/2" CALIPER	B & B	SPRING
GT		GLEDITSIA TRIACANTHOS INERMIS "SHADEMASTER"	"SHADEMASTER" HONEYLOCUST	2" - 2 1/2" CALIPER	B & B	SPRING
TC		TILIA CORDATA "GREENSPIRE"	LINDEN "GREENSPIRE"	2" - 2 1/2" CALIPER	B & B	SPRING
QM		QUERCUS MACROCARPA	BURR OAK	2" - 2 1/2" CAL	B & B	SPRING
QR		QUERCUS RUBRA	RED OAK	2" - 2 1/2" CAL	B & B	SPRING
UP		ULMUS AMERICANA "PRINCETON"	"PRINCETON" ELM	2" - 2 1/2" CALIPER	B & B	SPRING
UVF		ULMUS AMERICANA "VALLEY FORGE"	"VALLEY FORGE" ELM	2" - 2 1/2" CALIPER	B & B	SPRING
EVERGREEN TREES						
PG		PICEA GLAUCA	WHITE SPRUCE	7'-8" Height	B & B	SPRING
DECIDUOUS SHRUBS						
CAH		CLETHRA ALNIFOLIA "Hummingbird"	HUMMINGBIRD SUMMERSWEET	18" Height	Container	SPRING
CA		CLETHRA ALNIFOLIA "Ruby Spice"	RUBY SPICE SUMMERSWEET	24" Height	Container	SPRING
HA		HYDRANGEA ARBORESCENS "ANNABELLE"	ANNABELLE HYDRANGEA	24" Height	Container	SPRING
IVJ		ILEX VERTICILATA "Jim Dandy"	WINTERBERRY "Jim Dandy"	36" Height	Container	SPRING
IVA		ILEX VERTICILATA "Afterglow"	WINTERBERRY "Afterglow"	36" Height	Container	SPRING
SGM		SPIREA X "GOLD MOUND"	"GOLD MOUND" SPIREA	18" Height	Container	SPRING

TREE PROTECTION NOTES:

1. DURING CONSTRUCTION: PROTECT TREES TO BE SAVED BY ERECTING ORANGE SNOW FENCE JUST AT LIMIT OF CONSTRUCTION AS INDICATED (PLEASE SEE LANDSCAPE PLANS AND TREE PROTECTION DETAIL). INSTALL SIGNAGE AT EACH PROTECTION ZONE WHICH CLEARLY READS: 'TREES ARE BEING PROTECTED. NO UNAUTHORIZED TRESPASS IS ALLOWED'.

2. AVOID CUTTING ROOTS OF TREES WHENEVER POSSIBLE. WHEN AVOIDANCE IS NOT POSSIBLE, CUT ROOTS FLUSH (SAW THOSE ROOTS GREATER THAN 25 MM WIDE), WHICH WILL ENCOURAGE NEW ROOT GROWTH. DO NOT RIP ROOTS WITH EXCAVATOR OR OTHER HEAVY EQUIPMENT.

3. BACKFILL AS SOON AS POSSIBLE; KEEP ROOT ENDS MOIST WITH WET BURLAP OR SIMILAR MATERIAL UNTIL ABLE TO BACKFILL. ADD A ROOT STIMULATOR SUCH AS MYCORRHIZAL FUNGI PER MANUFACTURER'S INSTRUCTIONS, AND WATER (PER APPROVED WATERING SPECIFICATIONS) THE ENTIRE BACKFILL AREA WITHIN 24 HOURS.

4. NO EXCAVATED OR BACKFILL MATERIAL SHALL BE PILED IN TREE PROTECTION ZONE; NO EQUIPMENT SHALL BE STORED OR PILED IN TREE PROTECTION ZONE.

5. IF A PROTECTED TREE IS DAMAGED DUE TO THE CONTRACTOR'S NEGLIGENCE AND IS NOT REPAIRABLE (AS DETERMINED BY THE ENGINEER OR VAOT LANDSCAPE ARCHITECT), THEN THE CONTRACTOR SHALL REPLACE THE TREE (AT THE CONTRACTOR'S EXPENSE AND ACCORDING TO APPROVED PLANTING TECHNIQUES) WITH THE SAME TREE OF EQUAL VALUE, OR TWO OR MORE TREES WITH A TOTAL VALUE EQUAL TO THAT OF THE DAMAGED TREE. IN ADDITION, WITH THE EXCEPTION OF FENCING, ALL TREE PROTECTION MEASURES, ROOT PRUNING, AND OTHER MATERIALS WILL NOT BE PAID SEPARATELY, BUT WILL BE CONSIDERED INCIDENTAL TO ALL OTHER LANDSCAPING CONTRACT ITEMS.

THE FOLLOWING SIGNIFICANT TREES WITHIN THE R.O.W. ARE INDICATED TO BE SAVED:

STATION:	TREES:
X+XXX RT	900 XXXXXX
X+XXX LT	400 XXXXX

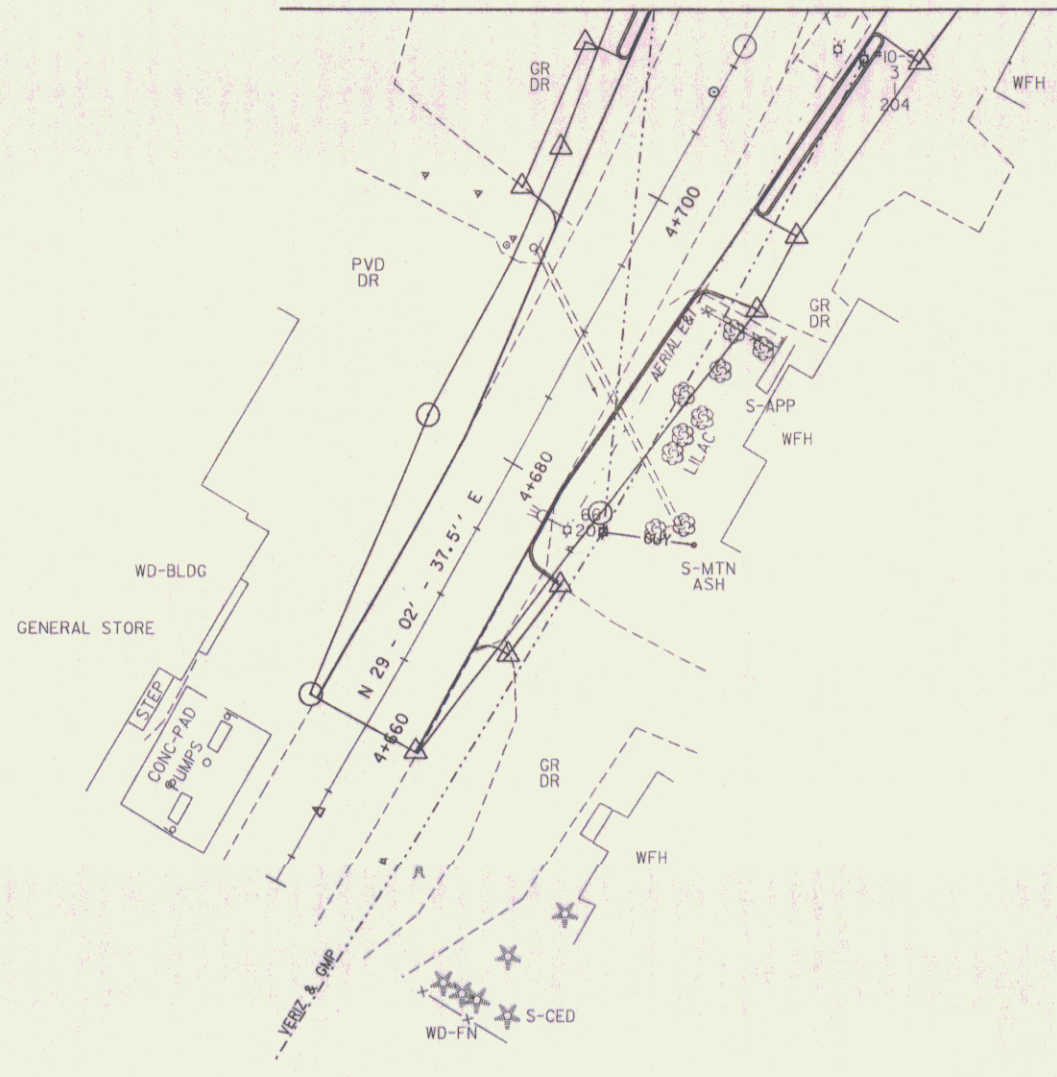
LANDSCAPE NOTES & PLANT LIST SHEET

PROJECT NAME: EAST MONTPELIER
PROJECT NUMBER: STPG 028-3(35)S

FILE NAME: 98b028/traff/db028LSC.dgn.dgn PLOT DATE: 01-JUL-2008
PROJECT LEADER: JLS DRAWN BY: JFG
DESIGNED BY: J Brown CHECKED BY:
ROW SHEET 24 OF 37

MATCH LINE TO ROW SHEET 26 OF 37

MATCH LINE 4+714



DRAINAGE NOTES - EXISTING
 30 4+689.5 CL - 380mm GMP - Retain

UNDERDRAIN
 4+700.0 RT - 4+800.0 RT
 New 150mm x 94m Underdrain
approximate location of septic line to tank on Montague's

REMOVE FENCE
 4+695 RT

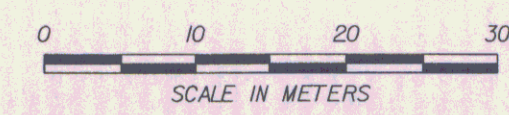
approximate location of septic line to tank on Montague's

CONSTRUCT DRIVES
 4+672 RT (6.1M PAVED)
 4+699 RT (5.8M PAVED)
 4+702 LT (10.5M PAVED)

CONSTRUCT DRIVE APRON
 4+660 LT - 4+692 LT (PAVED)

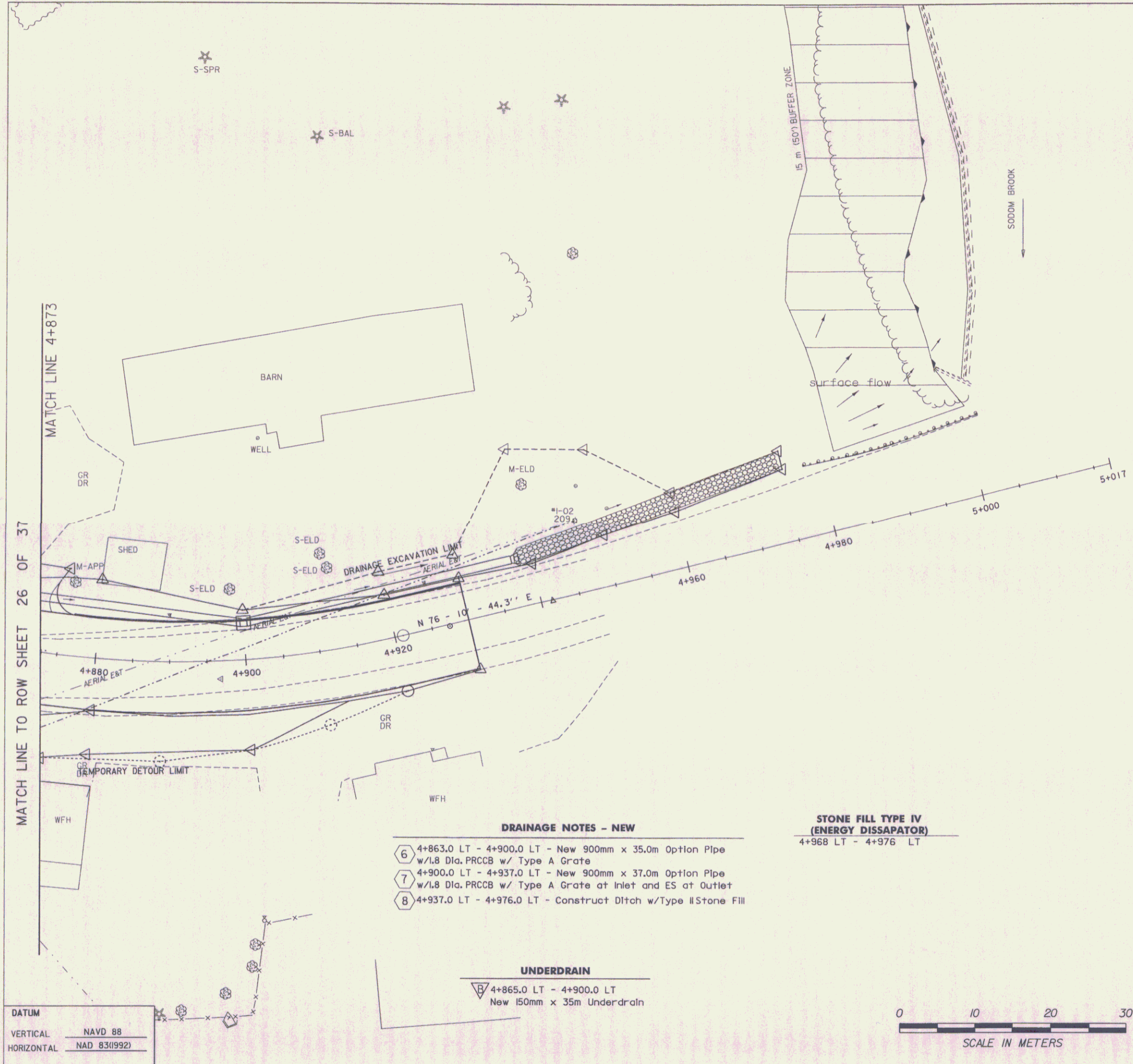
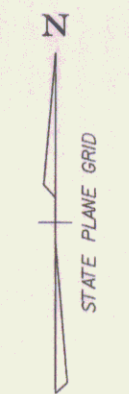
monitoring system of State for Biron, across Lamb's on Hasland, LLC

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(1992)



DRAINAGE PLAN LAYOUT 1

PROJECT:	EAST MONTPELIER	PROJECT NO.:	STPG 028-3(35)S
DESIGN FILE NAME:	/sqda/98b028/db028...bdr_nul_top.dgn	PLOT DATE:	01-JUL-2008
IPARM FILE NAME:	db028d11	SURVEY DATE:	8/98
SURVEYED BY:	Jls	DRAWN BY:	Jfg
SQUAD LEADER:	Jls	ROW SHEET:	25 OF 37

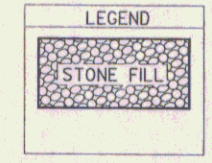
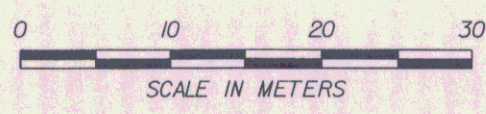


- DRAINAGE NOTES - NEW**
- ⑥ 4+863.0 LT - 4+900.0 LT - New 900mm x 35.0m Option Pipe w/1.8 Dia. PRCCB w/ Type A Grate
 - ⑦ 4+900.0 LT - 4+937.0 LT - New 900mm x 37.0m Option Pipe w/1.8 Dia. PRCCB w/ Type A Grate at Inlet and ES at Outlet
 - ⑧ 4+937.0 LT - 4+976.0 LT - Construct Ditch w/Type II Stone Fill

STONE FILL TYPE IV (ENERGY DISSIPATOR)
4+968 LT - 4+976 LT

UNDERDRAIN
④ 4+865.0 LT - 4+900.0 LT
New 150mm x 35m Underdrain

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83(1992)



DRAINAGE PLAN LAYOUT 3

PROJECT: EAST MONTPELIER	PROJECT NO.: STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028...bdr_nul_top...dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: db028d13	SURVEY DATE: 8/98
SURVEYED BY: SQUAD LEADER: Jls	DRAWN BY: Jfg
	ROW SHEET 27 OF 37

RIGHT - OF - WAY DETAIL SHEET



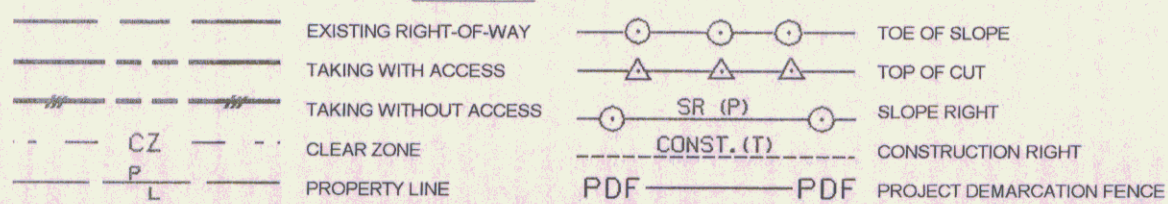
TABLE OF PROPERTY ACQUISITION

PARCEL NO.	PROPERTY OWNER	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKE AREA ±	REMAINDER AREA ±	RIGHT			RECORDING DATA				REMARKS
							TYPE	(T)(P)	AREA ±	TITLE	DATE	TOWN / CITY	BOOK	
1	LAMB, DURWARD D. & LINDA L.	34	4+646.45 RT. 4+672.00 RT.	4+676.03 RT.	220.1 SM		ALL R.T. & I.			WD	4/3/2009	EAST MONTPELIER	106 037-38	US RTE 2 & VT 14; 2369 SF± (HWY. EASE.) DRIVE GRAVEL 6.1M (20') MM 0291
2	BIRON, JEFFREY R. & ROBIN D. & GLORIA A. BIRON, TRUSTEE OF THE GLORIA A. BIRON LIVING TRUST -LESSORS J.R. BIRON, INC.-LESSEE	34	4+646.45 LT. 4+676.00 LT. 4+647.22 LT.	4+692.50 LT. 4+676.00 LT. 4+656.45 LT.	347.2 SM		ALL R.T. & I.							US RTE 2 & VT 14; 3737 SF± (HWY. EASE.) DRIVE 32.0M (106') PAVED MM 0291 EXCEPT & RESERVE, GAS PUMP ISLAND
3	MOREY, ROBERT W. & GROVER-MOREY, DEBRA	34	4+676.03 RT. 4+676.03 RT. 4+687.48 RT. 4+695.00 RT. 4+699.00 RT. 4+679.56 RT.	4+705.27 RT. 4+682.71 RT. 4+696.49 RT. 4+695.00 RT. 4+681.10 RT.	219.5 SM±		ALL R.T. & I. UTILITY EASE. SLOPE REMOVE DRIVE INSTALL & MAINT.	(P) (T) (T) (T) (T)	8.1 SM 4.4 SM	WD	10/16/2009	EAST MONTPELIER	108 511-512	US RTE 2 & VT 14; 2363 SF± (HWY. EASE.) 87 SF± 47 SF± FENCE 5.8M(19') GRAVEL MM0293 GUY WIRE & ANCHOR
4	BIRON, JEFFREY R. & ROBIN D.	34,35	4+692.50 RT. 4+702.00 LT. 4+719.83 LT. 4+714.50 LT. 4+728.11 LT. TH25 40+023.00 LT. TH25 40+030.00 LT. 4+729.02 LT. 4+729.44 LT. 4+714.50 LT.	4+736.63 RT. 4+730.37 LT. 4+717.00 LT. 4+729.88 LT. 4+729.02 LT. TH25 40+020.00 LT. 4+717.00 LT.	0.06HA		ALL R.T. & I. DRIVE UTILITY EASE. ALL R.T. & I. REMOVE DRIVE INSTALL & MAINT. ALL R.T. & I. SLOPE REMOVE	(T) (T) (T) (T) (P) (T) (T)	21.8 SM 2.7 SM					US RT 2&VT 14&TH25, 0.15A±(HWY. EASE.) 10.5M(34') GRAVEL MM 0293 235 SF± PUMP ISLAND SIGN BASE 10.5M(33') GRAVEL DROP INLET SIGN BASE 29 SF± PUMP ISLAND
5A	GLORIA A. BIRON, TRUSTEE OF THE GLORIA A. BIRON LIVING TRUST	34,35	4+705.13 RT. 4+723.00 RT. 4+764.27 RT. 4+735.92 RT.	4+777.69 RT. 4+795.00 RT. 4+777.69 RT.	126 SM		DRIVE SLOPE EASE	(T) (T) (P)	29.6 SM 20.7 SM					1345 SF± 11.5M(38') GRAVEL MM 0294 319 SF± SIGHT RESTRICTION AREA(223 SF±)
5B		34,35	4+705.17 RT.	4+795.61 RT.	0.07HA		ALL R.T. & I.							US RTE. 2 & VT. 14 0.17A± (HWY. EASE.)
6A	STATE OF VERMONT	34,35	4+795.00 RT.	4+828.05 RT.	0.40HA	0				WD	8/9/2007	East Montpelier	99 127-132	TOTAL TAKE 99A± FORMERLY-LAPERLE, MAURICE A & LUCILLE, M., LIFE ESTATE, LAPERLE, ALAN LAPERLE, GARY BROWN, JODI-LYNN LAPERLE, MARK
6B		35	4+795.00 RT.	4+828.05 RT.	226 SM		ALL R.T. & I.							US RTE 2 2433 SF±
6C		34,35	4+644.83 RT.	4+828.05 RT.	0.20HA		ALL R.T. & I.							FORMERLY LAPERLE (0.50A±)
7	HASLAND, LLC	35	4+828.05 RT. 4+833.62 RT. 4+838.96 LT. 4+863.00 RT. 4+840.16 RT. 4+848.20 RT. 4+863.00 RT.	4+868.43 RT. 4+838.26 RT. 4+840.16 RT. 4+868.43 RT. 4+868.43 RT.	294.5 SM		ALL R.T. & I. EASE ALL R.T. & I. DRIVE UTILITY EASE DETOUR ACCESS	(T) (T) (T) (P) (T) (T)	5.3 SM 60.1 SM 26.5 SM	WD	5/11/2009	East Montpelier	106 354-356	US RTE 2 3170 SF± (HWY. EASE.) REMOVE DI & PLUG 57 SF± WATER LINE CROSSING US RTE 2 7.3M(24') GRAVEL MM0303 647 SF± 285 SF± INGRESS & EGRESS TO DETOUR

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION	DATE
1	10,15,16	PARCEL NO. 8, LAPERLE CHANGE NAME TO LAPERLE, MAURICE A & LUCILLE M., LIFE ESTATE. LAPERLE, ALAN, LAPERLE, GARY, BROWN, JODI-LYNN, LAPERLE, MARK PER C.O. 9480 MADE BY: JAB APPROVED BY: HP	10/19/2006
2	21,32,37	PARCEL NO. 17, LAPERLE REMOVE THE TWO TREES NEAR THE SOUTHWEST BOUNDARY FROM THE PLANS. THE OWNERS DO NOT WANT TREES PLANTED THERE. MADE BY: MT APPROVED BY: HP	6/11/2008
3	29	PARCEL NO. 5, BIRON, CORRECTED CALCULATION OF SM AND SF FOR EASE (P) MADE BY: MT APPROVED BY: HP	1/28/2009
4	29,34,35	PARCEL NO. 6 STATE OF VERMONT ACQUIRED FROM LAPERLE, MAURICE A & LUCILLE M., LIFE ESTATE. PER C.O. 9568 MADE BY: MR APPROVED BY: HP	9/15/2009

PLAN LEGEND



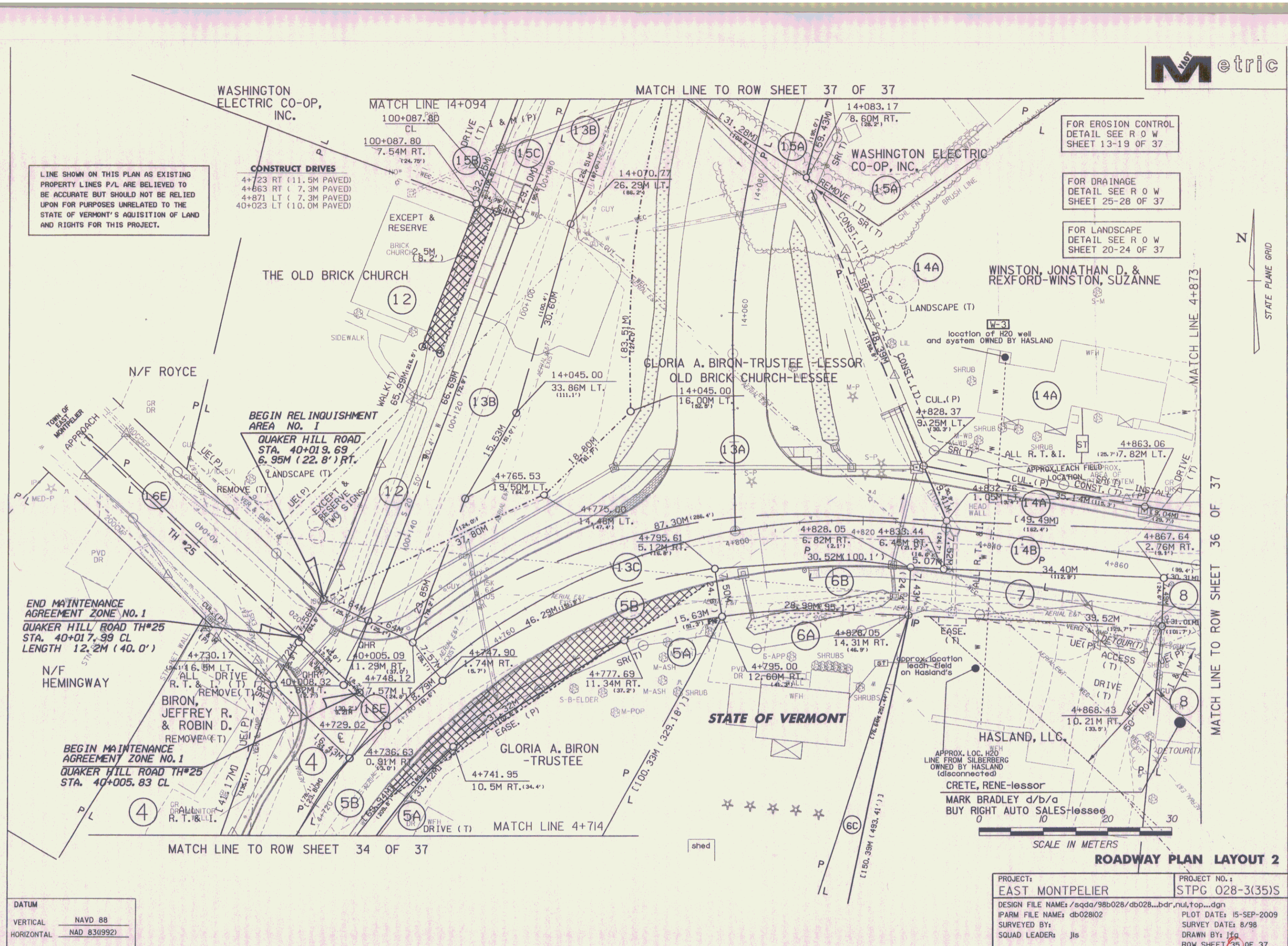
- (P) - PERMANENT
- (T) - TEMPORARY
- DR. - DRAINAGE RIGHT
- DIT. - DITCHING RIGHT
- CH. - CHANNEL RIGHT
- DRIVE - DRIVE RIGHT
- CUL. - CULVERT RIGHT
- C&T - CLEARING & TRIMMING RIGHT
- SR - SLOPE RIGHT
- UE - UTILITY EASEMENT

APPROVED: HARRY PETROVS DATE: 07-07-08
CHIEF, PLANS & TITLES

PROJECT NAME: EAST MONTPELIER
PROJECT NUMBER: STPG 028-3(35)S

FILE NAME: r06b028.rls PLOT DATE:
PROJECT LEADER: J. SCHULTZ DRAWN BY: MT
DESIGNED BY: J. GRUCHACZ CHECKED BY: FM
R.O.W. SHEET 29 OF 37 SHEET 15 OF 141

12/29/2009



LINE 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.

CONSTRUCT DRIVES
 4+723 RT (11.5M PAVED)
 4+863 RT (7.3M PAVED)
 4+871 LT (7.3M PAVED)
 40+023 LT (10.0M PAVED)

FOR EROSION CONTROL
 DETAIL SEE R O W
 SHEET 13-19 OF 37

FOR DRAINAGE
 DETAIL SEE R O W
 SHEET 25-28 OF 37

FOR LANDSCAPE
 DETAIL SEE R O W
 SHEET 20-24 OF 37

END MAINTENANCE AGREEMENT ZONE NO. 1
 QUAKER HILL ROAD TH#25
 STA. 40+017.99 CL
 LENGTH 12.2M (40.0')

N/F HEMINGWAY

BEGIN MAINTENANCE AGREEMENT ZONE NO. 1
 QUAKER HILL ROAD TH#25
 STA. 40+005.83 CL

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(992)

PROJECT:	EAST MONTPELIER	PROJECT NO.:	STPG 028-3(35)S
DESIGN FILE NAME:	/sqda/98b028/db028...bdr.nul_top...dgn	PLOT DATE:	15-SEP-2009
IPARM FILE NAME:	db028i02	SURVEY DATE:	8/98
SURVEYED BY:		DRAWN BY:	js
SQUAD LEADER:	js	ROW SHEET:	35 OF 37

ROADWAY PLAN LAYOUT 2

SCALE IN METERS

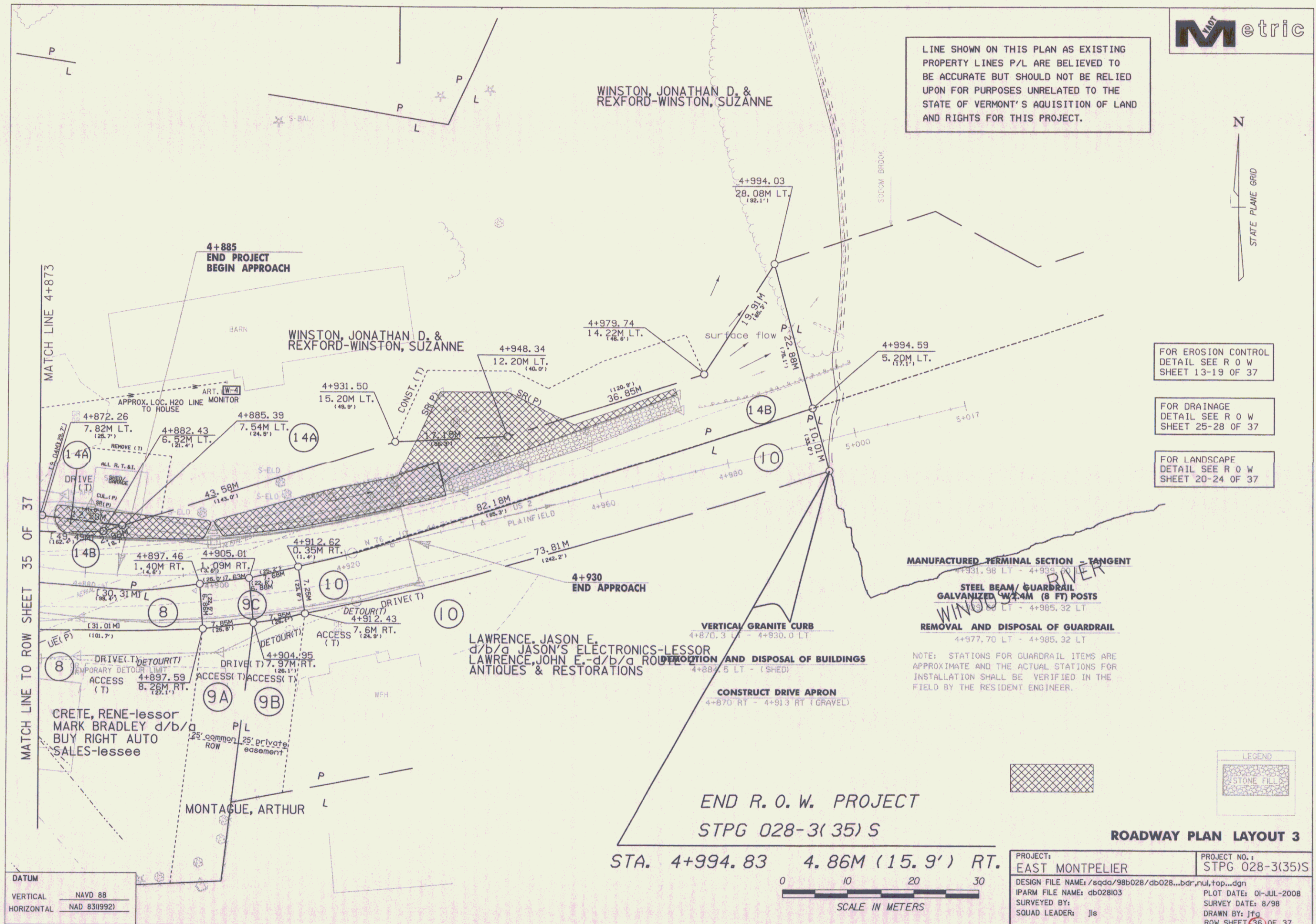
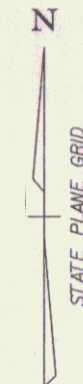


MATCH LINE TO ROW SHEET 36 OF 37

MATCH LINE TO ROW SHEET 34 OF 37

MATCH LINE TO ROW SHEET 37 OF 37

LINE 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.



FOR EROSION CONTROL
DETAIL SEE R O W
SHEET 13-19 OF 37

FOR DRAINAGE
DETAIL SEE R O W
SHEET 25-28 OF 37

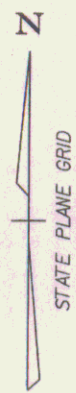
FOR LANDSCAPE
DETAIL SEE R O W
SHEET 20-24 OF 37

MANUFACTURED TERMINAL SECTION - TANGENT
4+931.98 LT - 4+933.00 LT
STEEL BEAM GUARDRAIL
GALVANIZED W/24M (8 FT) POSTS
4+933.00 LT - 4+985.32 LT
REMOVAL AND DISPOSAL OF GUARDRAIL
4+977.70 LT - 4+985.32 LT
NOTE: STATIONS FOR GUARDRAIL ITEMS ARE APPROXIMATE AND THE ACTUAL STATIONS FOR INSTALLATION SHALL BE VERIFIED IN THE FIELD BY THE RESIDENT ENGINEER.

END R. O. W. PROJECT
STPG 028-3(35) S
STA. 4+994.83 4.86M (15.9') RT.

ROADWAY PLAN LAYOUT 3

PROJECT: EAST MONTPELIER	PROJECT NO. 1: STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028...bdr,nul,top...dgn	PLOT DATE: 01-JUL-2008
IPARM FILE NAME: db028i03	SURVEY DATE: 8/98
SURVEYED BY:	DRAWN BY: jfg
SQUAD LEADER: jls	ROW SHEET 36 OF 37



FOR EROSION CONTROL
DETAIL SEE R O W
SHEET 13-19 OF 37

FOR DRAINAGE
DETAIL SEE R O W
SHEET 25-28 OF 37

FOR LANDSCAPE
DETAIL SEE R O W
SHEET 20-24 OF 37

CONSTRUCT DRIVES

- 14+138 RT (10.5M PAVED)
- 14+211 LT (4.8M GRAVEL)
- 14+213 RT (9.1M PAVED)
- 30+053 RT (7.0M GRAVEL)

LUMINAIRE (STREET LIGHTING)

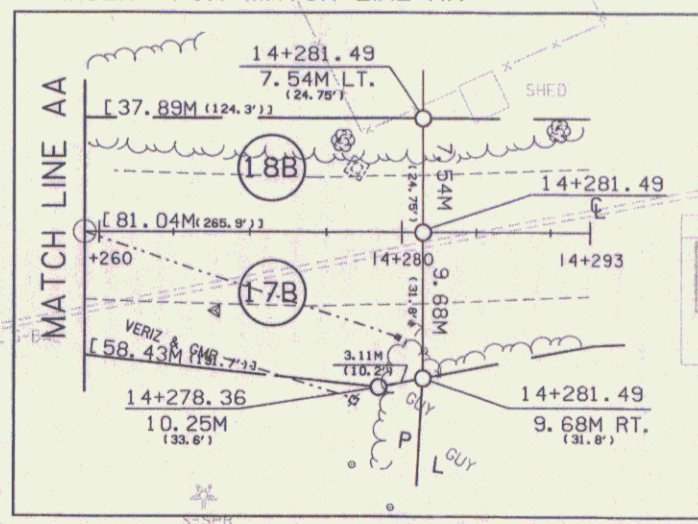
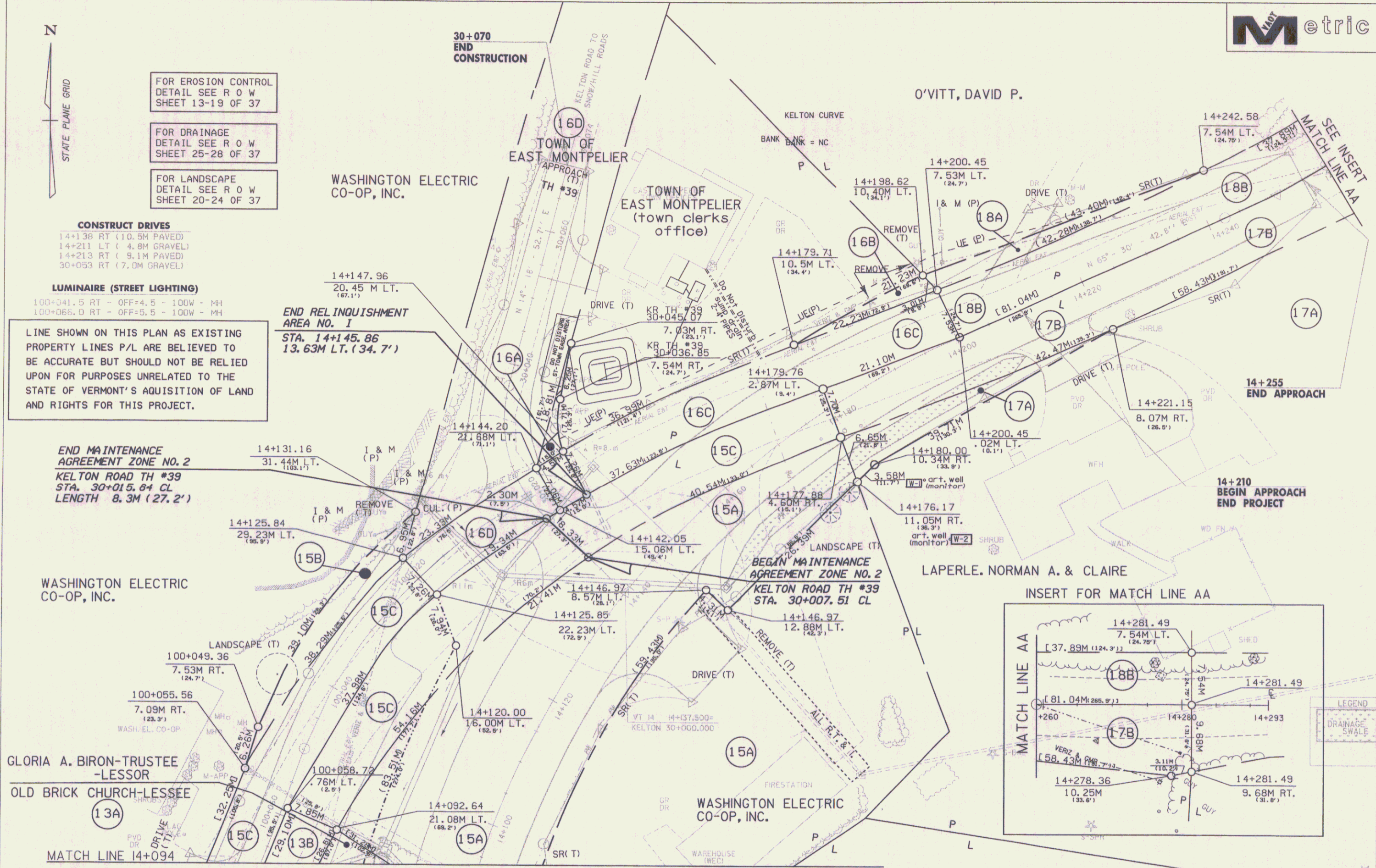
- 100+041.5 RT - OFF=4.5 - 100W - MH
- 100+066.0 RT - OFF=0.5 - 100W - MH

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AND RIGHTS FOR THIS PROJECT.

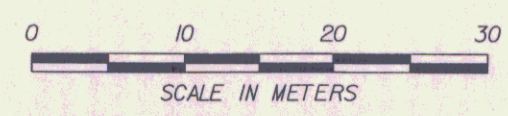
**END RELINQUISHMENT
AREA NO. 1**
STA. 14+145.86
13.63M LT. (34.7')

**END MAINTENANCE
AGREEMENT ZONE NO. 2**
KELTON ROAD TH #39
STA. 30+015.04 CL
LENGTH 8.3M (27.2')

**BEGIN MAINTENANCE
AGREEMENT ZONE NO. 2**
KELTON ROAD TH #39
STA. 30+007.51 CL



DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(092)



PROJECT: EAST MONTPELIER	PROJECT NO.: STPG 028-3(35)S
DESIGN FILE NAME: /sqda/98b028/db028...bdr_nul_top.dgn	PLOT DATE: 01-JUL-2008
PARM FILE NAME: db028i04	SURVEY DATE: 8/98
SURVEYED BY:	DRAWN BY: Jfg
SQUAD LEADER: Jfg	ROW SHEET 37 OF 37