

TYPICAL SPACING FOR EXPANSION JOINT

PLAN

SECTION A-A

NOTES:

1. 10' SPACING OF CONTROL JOINTS SHALL BE USED FOR CAST IN PLACE CONCRETE CURBS.
2. MATERIAL AND METHODS OF CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED JANUARY 2, 2002, AND ALL ADDENDA THERETO, THE ONLY EXCEPTION BEING THAT THE WORK OF THIS CONTRACT SHALL BE MEASURED IN ENGLISH UNITS.
3. ALL CONCRETE SHALL BE 3500 PSI CLASS A CONCRETE. CONCRETE MATERIALS, PLACEMENT, AND CONSTRUCTION SHALL CONFORM WITH SECTION 500-5 OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
4. REINFORCING STEEL FOR CONCRETE SHALL CONFORM WITH SECTION 506 - REINFORCING STEEL FOR CONCRETE STRUCTURES OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS AND BE SPECIFICALLY CALLED OUT IN THE DRAWINGS.
5. ALL EXPOSED SURFACED SHALL HAVE A BROOM TEXTURED FINISH.
6. EXPANSION JOINTS SHALL BE LOCATED A MAXIMUM OF 20' ON CENTER, OR AS INDICATED ON PLANS.
7. JOINTS SHALL NOT BE SAW CUT.
8. EXPOSED CONCRETE SURFACES SHALL BE TREATED WITH "SURBOROND" SAE8000-79000 INTENSIFIER BRIGHT PROTECTOR AND SIDEWALK SEALER, OR EQUAL. RATE AND METHOD OF APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
9. ALL MATERIAL SHALL CONFORM WITH SECTION 500-5 OF THE ABOVE REFERENCED NYSDOT STANDARD.
10. WHERE IT IS NECESSARY TO FILL FOR PURPOSES OF BRIDGING, THE REQUIRED ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL PLACED SHALL BE IN CONFORMANCE WITH SECTION 200-1 OF THE ABOVE REFERENCED NYSDOT STANDARD.
11. ALL WORK SHALL CONFORM WITH SECTION 608-SIDEWALKS, DRIVEWAYS, AND BICYCLE PATHS OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.

PAVEMENT SECTION DETAIL
NOT TO SCALE

TRASH ENCLOSURE DETAILS
NOT TO SCALE

WHITE STRIPING ON CURB (TYP.)

18' TYP.

4" WIDE WHITE PAINTED PARKING STRIPES

HANDICAP SYMBOL (SEE NOTE 2)

9'-0" TYP.

4" WIDE BLUE PAINTED PARKING STRIPES

8' MIN (ADA)

18' TYP.

NO PARKING 24 HR

NO PARKING

1 1/2" RADIUS

6" REVEAL

5"

20"

SEE PAVEMENT SECTION

FINISHED GRADE BELOW TOP OF ALL LANDSIDE

VAN-ACCESSIBLE LOADING ZONE STRIPING SHALL BE BLUE 4" WIDE, BY 2'-6" O.C., TYP.

TYPICAL PARKING STRIPING

HANDICAP PARKING STRIPING

NOTES:

1. DISCUSSIONS SUBJECT TO CURRENT MUNICIPALITY

ABUTTING GRASS OR LANDSCAPE

NOTES:

1. CONCRETE CURB SHALL BE 4,000 PSI C
2. EXPANSION JOINTS OF 1/2" CELLULOSE
3. FOR MOUNTABLE CURBS ABUTTING SIDE

ABUTTING SIDEWALK

UNDISTURBED
EARTH

NYSDOT ITEM
NO. 304.05

MOUNTABLE CURB

1. 3" BINDER COURSE AND 1/2" TOP COURSE TO BE USED FOR RESTORATION OF PAVEMENT WITHIN CITY ROADS.
2. EXCAVATIONS ARE TO BE SAW CUT SMOOTH, ALL EDGES TACK COATED, AND ALL SEAMS SEALED WITH A HOT POLYMER MODIFIED CRACK SEALANT.
3. IF EXISTING ASPHALT PAVEMENT DEPTH IS GREATER THAN THE PROPOSED ASPHALT PAVEMENT SECTION, INCREASE PROPOSED ASPHALT BINDER THICKNESS TO MATCH EXISTING.

1'-0" TYPICAL

EQ. EQ. PAINTED "STOP" M.U.T.C.D. WHEN SPECIFIED ON PLANS

1. SIGN MOUNTING HEIGHT SHALL BE A MINIMUM OF 7'. MINIMUM MOUNTING HEIGHT MAY BE ADJUSTED ONLY IN ACCORDANCE WITH PROVISIONS OUTLINED IN "NYCCR, CHAPTER V-UNIFORM TRAFFIC CONTROL DEVICES."
2. SIGN POST SHALL BE IN ACCORDANCE W/ NYSDOT STANDARD SPECS SECTION 734
3. SIGN BRACING PER NYSDOT STANDARD SHEETS.
4. SIGN POSTS WITHIN THE COUNTY RIGHT-OF-WAY SHALL BE BREAKAWAY TYPE MEETING THE REQUIREMENTS OF THE NYSDOT.

The image contains three technical drawings of a sediment trap system:

- PERSPECTIVE VIEW:** Shows a rectangular structure with a woven wire fence (min. 14 gauge, w/ max. 6" mesh spacing) fastened to posts with wire ties or staples. The fence is 36" min. length, fence posts are driven 16" into the ground, and the structure is max 10' O.C. The height of the filter is 16" min. An arrow indicates the flow direction.
- SECTION VIEW:** A cross-section showing the structure's profile. It includes a 36" min. fence post, hardwood or steel either 1" or 4" wide. The structure is 20" min. high and 16" min. wide. It shows the woven wire fence (min. 14 gauge w/ max. 6" mesh spacing) with filter cloth, an embossed filter cloth A (min. 6" in ground), and compacted soil. The area to the right is labeled "UNDISTURBED GROUND".
- PLAN VIEW:** A top-down view showing the structure's footprint. It is 30' minimum wide and 12' minimum deep. It shows the structure's position relative to the "EXISTING GROUND" and "EXISTING FLOW".

NOTES:

- 1) FILTER CLOTH TO BE SECURED TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- 2) WHEN TWO FILTER CLOTH ADJACENT EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MESH 100X, STABILIZED TWIN OR APPROVED EQUAL.
- 3) PREFABRICATED UNITS SHALL BE GEOFAB, ENVROFORCE OR APPROVED EQUAL.
- 4) MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- 5) STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CO EQUIVALENT.
- 6) LENGTH - NOT LESS THAN 30 FEET FOR A SINGLE RESIDENCE LOT.
- 7) THICKNESS - NOT LESS THAN SIX (6) INCHES.
- 8) WIDTH - 12 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT WHERE INGRESS OR EGRESS OCCURS. 24 FOOT MINIMUM IF SINGLE ENTRANCE SITE.
- 9) GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACEMENT OF STONE.
- 10) SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERGED TOWARD CONSTRUCTION ENTRANCES SHALL BE RIPPED BENEATH THE ENTRANCE. IF IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- 11) MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASH OR FLOATED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- 12) WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING.
- 13) PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE

NOTES:

1. SIZING INFORMATION TAKEN FROM FIGURE 58.12 (PAGE 58.25) AND/OR FIGURE 58.13 (PAGE 58.26) OF THE NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, 2016 EDITION.
2. RIPRAP SHALL BE COMPOSED OF A WELL-GRADED MIXTURE OF STONE SIZE SO THAT 50% OF THE LARGER, BY WEIGHT, THAN THE SPECIFIED SIZE, AND THE LARGEST STONE SIZE SHALL BE 1.5 TIMES ϕ SO.
3. THE MINIMUM THICKNESS OF THE RIPRAP LAYER SHALL BE 1.5 TIMES THE MAXIMUM STONE SIZE. IF THE LARGER, BY WEIGHT, THAN THE SPECIFIED SIZE, AND THE LARGEST STONE SIZE, ϕ SO ARE GREATER THAN 15 INCHES.
4. A LAYER OF FILTER FABRIC (THICKNESS 20-60 MILS, GRADE 100-120 LBS. SHALL BE PLACED BETWEEN THE RIPRAP AND THE UNDERLYING SOIL SURFACE. FILTER FABRIC SHALL HAVE A MINIMUM 1' OVERLAP AT ALL SEAMS.

(1 MIN. THICKNESS)

3" STONE

"DOUGHNUT" DETAIL

NOTES:

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE OR ITS SIDE FOR DRAINING. FOUNDATION SHALL BE 2 INCHES MINIMUM BELOW REST OF INLET AND BLOCKS SHALL BE PLACED AGAINST INLET FOR SUPPORT.
2. HARDWARE, CLOTH OR 1/2" WIRE MESH SHALL BE PLACED OVER BLOCK OPENINGS TO SUPPORT STONE.
3. USE CLEAN STONE OR GRAVEL 1/2-3/4 INCH IN DIAMETER PLACED 2 INCHES BELOW TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER.
4. FOR STONE STRUCTURES ONLY, A 1 FOOT THICK LAYER OF THE FILTER STONE WILL BE PLACED AGAINST THE 3 INCH STONE AS SHOWN ON THE DRAWINGS.

2. SEED MIXTURE FOR USE IN SHADY AREAS:
85% KENTUCKY BLUE GRASS BLEND 114 POUNDS PER A
20% PERENNIAL RYEGRASS 35 POUNDS PER A
15% FINE FESCUE 26 POUNDS PER A
175 POUNDS PER

3. SEED MIXTURE FOR USE IN SHADY AREAS:
80% BLEND OF SHADE TOLERANT
KENTUCKY BLUEGRASS 138 POUNDS PER
20% FINE FESCUE 37 POUNDS PER A
175 POUNDS PER

4. SEED BETWEEN APRIL 15TH AND MAY 15TH OR AUGUST 15TH AND SEPTEMBER 15TH
SEEDING MAY OCCUR BETWEEN MAY 15TH AND AUGUST 15TH IF ADEQUATE
PROVIDED.

5. TOPSOIL SHALL HAVE AT LEAST 6% BY WEIGHT OF FINE TEXTURED SAND
MATERIAL, AND NO GREATER THAN 20% TOPSOIL SHALL HAVE NO LESS
TEXTURED MATERIAL (PASSING THE NO. 20 SIEVE) AND NOT MORE THAN

24" DIA.

5'-0" DIA.

3'-0" LENGTH (TYP.)

FINISH GRADE

USE 8 PENNY COMMON NAILS

PROVIDE SLEEPERS SECURED TO GROUND IF BEDROCK IS ENCOUNTERED AND DEPTH IS NOT ACHIEVABLE

NOTES:

1. TREES TO REMAIN NOTED ON EXISTING CONDITIONS PLAN.
2. NOT ALL TREES TO REMAIN REQUIRE PROTECTION. TREE PROTECTION TO BE UTILIZED ON TREES WHERE CONSTRUCTION TRAFFIC WOULD COMPACT THE ROOT ZONE OF THE TREE.

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5'-0"

1'-0"

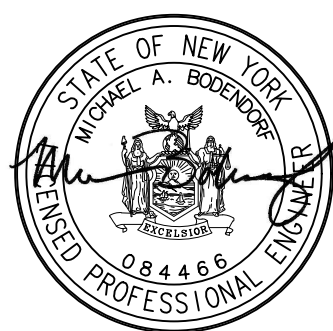
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[illegible]

Sheet 9 of 11 - Site & Erosion and Sediment Control Details

Beacon, New York
Scale: 1" = 20'
October 23, 2018

Architect:
Aryeh Siegel, Architect
84 Mason Circle
Beacon, New York 12508

Surveyor:
TEC Land Surveying, P.C.
15C Tioronda Avenue
Beacon, New York 12508

Landscape Designer:
Landscape Restorations
P.O. Box 286
Beacon, New York 12508