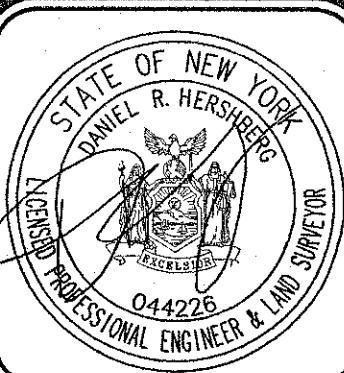


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HERSHBERG
&
HERSHBERG

Consulting Engineers
and Land Surveyors
18 Locust Street
Albany, New York 12203

ALTERATION OF THIS
DOCUMENT EXCEPT BY A
LICENSED PROFESSIONAL
ENGINEER OR LAND
SURVEYOR, IS ILLEGAL



REMARKS	DATE
SNPP AND DETAILED SITE PLAN	1/26/15
COMMENT LETTER 1-9-15	1/28/15
PLANNING BOARD COMMENTS	2/3/15
RESPONSE TO COMMENTS	2/3/15
RESPONSE TO COMMENTS	3/2/15

PROPOSED EROSION AND SEDIMENT CONTROL PLAN FOR No. 85 VISTA BOULEVARD
VISTA TECHNOLOGY CAMPUS
TOWN OF BETHLEHEM
ALBANY COUNTY, STATE OF NEW YORK

DATE: 1/23/15

CHC: DRH

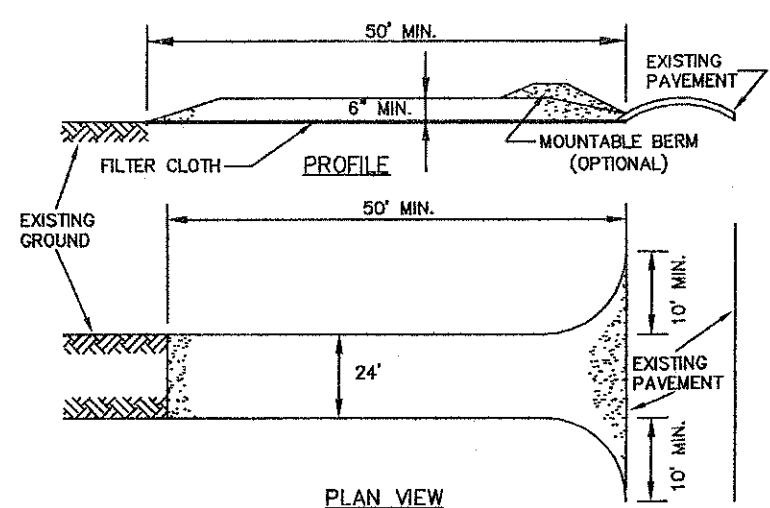
EE: WM

SCALE AS NOTED

FILE: 140067-1-dwg

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK
By direction of the Chairman.
These drawings are hereby approved.
See sheet(s) 140067-1 for date and signature.

C7 of 7



CONSTRUCTION SPECIFICATIONS

1. INSTALL CONSTRUCTION ENTRANCE IN ACCORDANCE WITH "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", SECTION 7A.
2. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
3. LENGTH - NOT LESS THAN 50 FEET [EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY].
4. THICKNESS - NOT LESS THAN (6) INCHES.
5. STABILIZATION FABRIC - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. PIPING IS IMPRACTICAL, A MOULDED CHECK DAM MAY BE USED INSTEAD.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

Design Criteria

Aggregate Size: Use a matrix of 1-4 inch stone, or reclaimed or recycled concrete equivalent.

Thickness: Not less than six (6) inches.

Width: 12-foot minimum but not less than the full width of points where ingress or egress occurs. 24-foot minimum if there is only one access to the site.

Length: As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum would apply).

Geotextile: To be placed over the entire area to be covered with stone. Filter cloth will not be required on a single-family residence lot. Piping of surface water under entrance shall be provided as required. If piping is impossible, a mountable berm with 3:1 slopes will be permitted.

Criteria for Geotextile: The geotextile shall be woven or nonwoven fabric consisting only of continuous chain polymeric filaments or yarns of polyester. The fabric shall be inert to commonly encountered chemicals, non-combustible, non-flammable, non-toxic, and conform to the fabric properties as shown:

Fabric Properties	Light Duty Roads	Heavy Duty Roads	Test Method
Grab Tensile Strength (lbs)	200	220	ASTM D1682
Elongation at Failure (%)	50	60	ASTM D1682
Mullen Brust Strength (lbs)	190	430	ASTM D3785
Puncture Strength (lbs)	40	125	ASTM D751 modified
Equivalent	40-80	40-80	US Std Sieve
Opening Size			CW-02215
Aggregate Depth	6	10	—

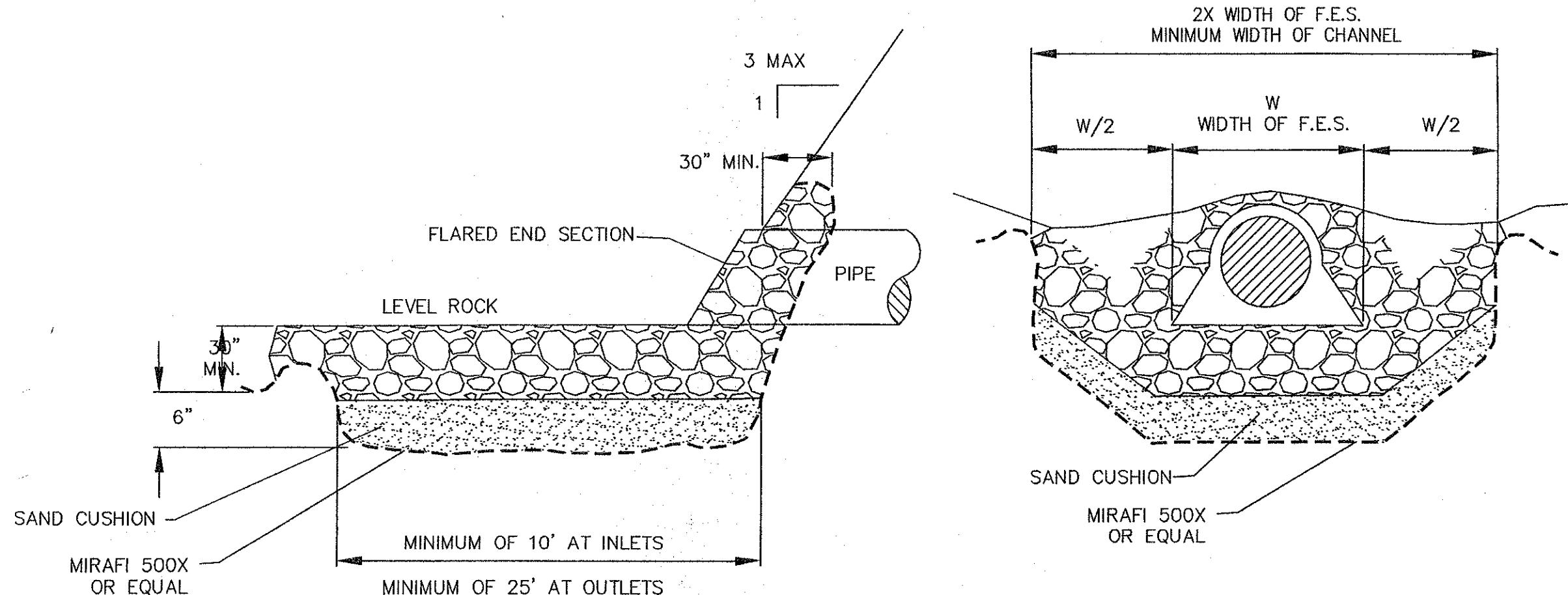
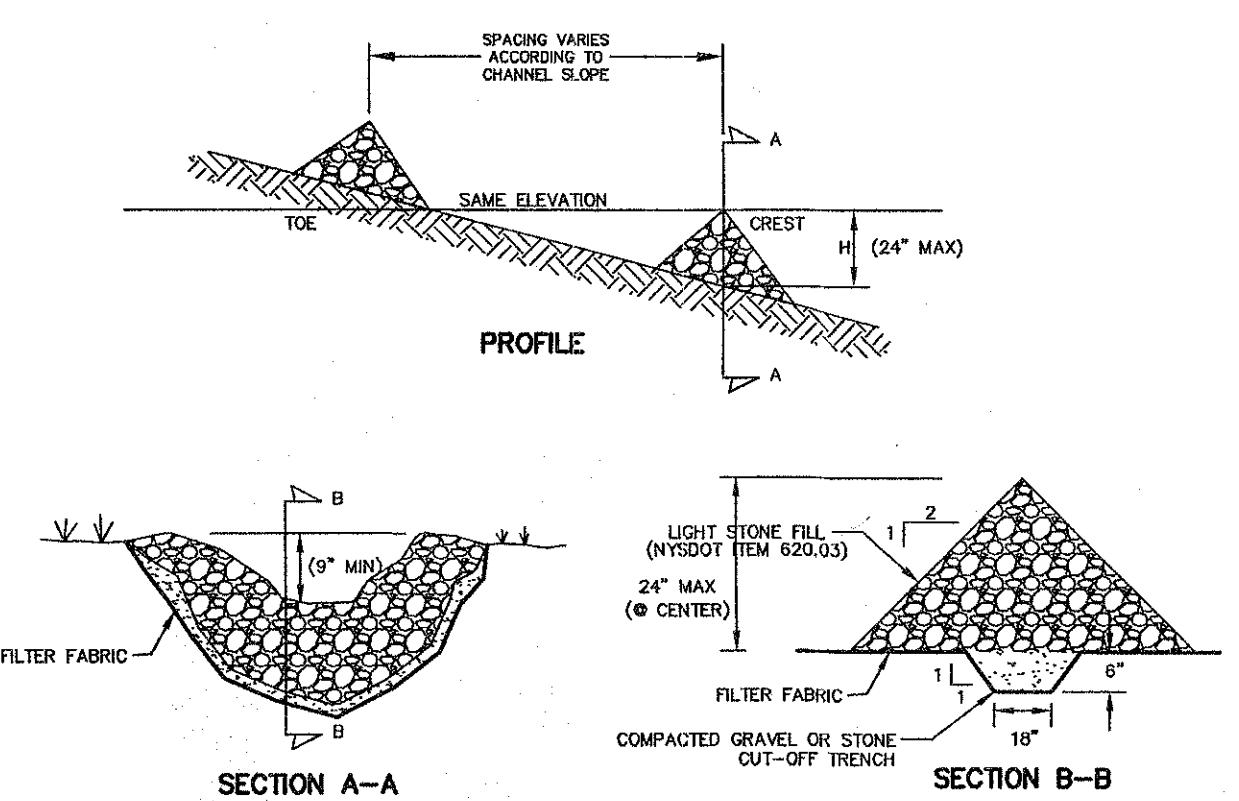
Light Duty Roads: Area sites that have been graded to subgrade and where most travel would be single axle vehicles and an occasional multiple axle truck. Materials acceptable are Trevo Spurbind 1115, Mirel 100K, Tyre 3405, or equivalent.

Heavy Duty Roads: Area sites with only rough grading, and where most travel would be multiple axle vehicles. Materials are Trevo Spurbind 1135, Mirel 600K, or equivalent.

Fabrics not meeting these specifications may be used only when design procedure and sample documentation are supplied to determine aggregate depth and tensile strength.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE



FLARE END SECTION AND RIP-RAP DETAIL

NOT TO SCALE

30' MIN.

6"

18'

30' MIN.

1'

3 MAX

1'

30' MIN.

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