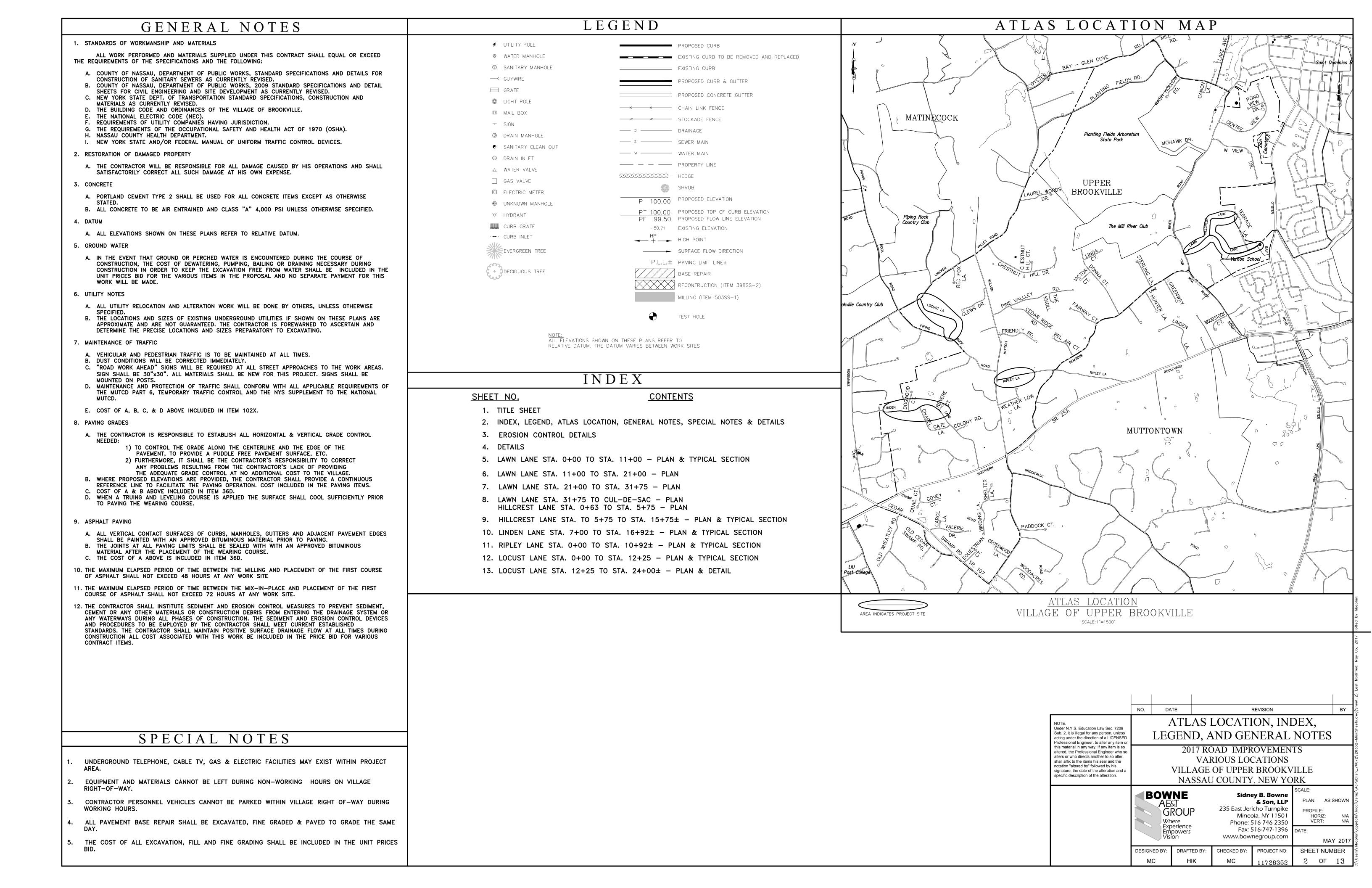


INC. VILLAGE OF UPPER BROOKVILLE CONSTRUCTION PLAN

2017 ROAD IMPROVEMENTS
VARIOUS LOCATIONS
PROJECT NO. 11728352
MAY 2017

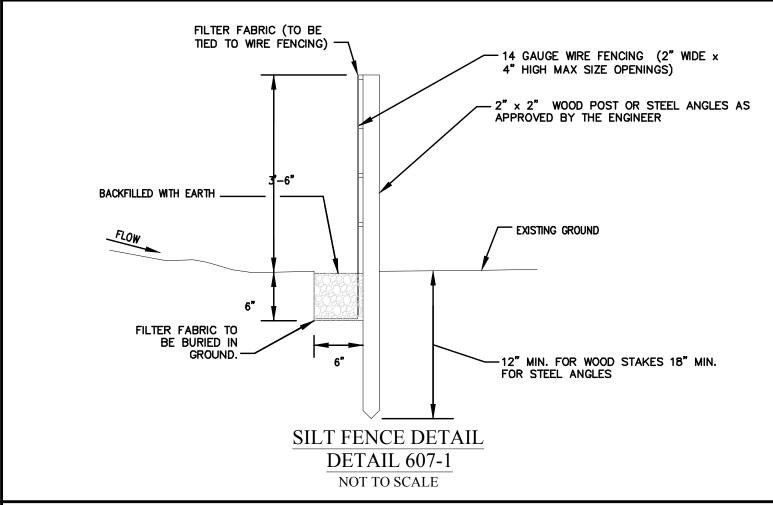


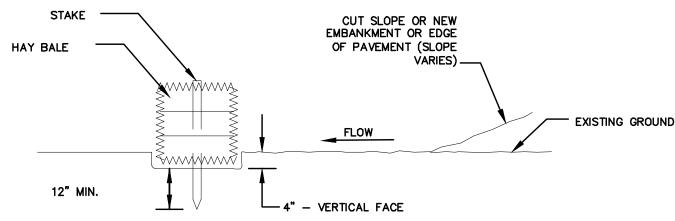
Sidney B. Bowne & Son, LLP 235 East Jericho Turnpike Mineola, NY 11501 Phone: 516-746-2350 Fax: 516-747-1396 www.bownegroup.com



TEMPORARY SOIL & EROSION CONTROL NOTES

- 1. IF CONSTRUCTION ACTIVITIES ARE DISCONTINUED IN AREAS OF SOIL DISTURBANCE BEFORE FINAL GRADING IS COMPLETE, TEMPORARY GRADING SHALL BE SEEDED AND MULCHED, A.O.B.E. THE AREAS SHALL BE SEEDED WITH AN APPROPRIATE PERENNIAL GRASS SEED MIX AND SHALL BE MULCHED WITH HAY OR STRAW WITHIN 21 DAYS OF THE TIME IT WAS TEMPORARILY DISCONTINUED. MULCH SHALL BE MAINTAINED UNTIL A SUITABLE VEGETATIVE COVER IS ESTABLISHED. THE COST OF THIS WORK SHALL BE INCLUDED IN MAINTENANCE AND PROTECTION OF TRAFFIC.
- 2. WHEN FINAL GRADING IS COMPLETE, THE CONTRACTOR SHALL COMPLETE THE WORK OF TURF ESTABLISHMENT WITHIN FOUR DAYS OR OTHERWISE STABILIZE THE AREA IF THE SEASON IS NOT APPROPRIATE FOR TURF ESTABLISHMENT. IN THIS CASE THE CONTRACTOR SHALL STABILIZE WITHIN 21 DAYS OF COMPLETING THE FINAL GRADING, WITH HAY OR STRAW MULCH, OR OTHER APPROVED OR SPECIFIED MEANS UNTIL TURF ESTABLISHMENT CAN BE COMPLETED.
- 3. PERIODIC CLEANING OF TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL DEVICES MAY BE NECESSARY
- 4. ALL SOIL AND EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO STARTING ANY CONSTRUCTION WORK AND SHALL REMAIN IN PLACE UNTIL SLOPES ARE STABILIZED WITH SEEDING AND/OR OTHER SLOPE PROTECTION A.O.B.E.
- 5. STRAW BALES HAVE A LIMITED LIFE EXPECTANCY AND SHALL BE INSPECTED AND REPLACED AS NECESSARY.
- 6. ALL ERODED SOIL SHALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES, OR WATERCOURSES BY THE USE OF APPLICABLE METHODS AS PER DETAILS 607-1 THRU DETAIL 607-4 UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 7. SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE USED FOR ALL EXISTING AND PROPOSED DRAINAGE INLETS. CONTROLS SHALL REMAIN IN PLACE UNTIL THE SLOPES DRAINING TO THE INLET HAVE BEEN STABILIZED BY EITHER PAVING, SEEDING, OR SLOPE PROTECTION.
- 8. IN THE EVENT DEWATERING OPERATIONS BECOME NECESSARY, FILTRATION OF THE DISCHARGE WILL BE REQUIRED UNLESS THE PUMP DISCHARGE IS CLEAR AND FREE OF SEDIMENT. THE LOCATION AND DESIGN OF THIS FILTRATION METHOD SHALL BE APPROVED BY THE ENGINEER. THE COST OF ANY NECESSARY DEWATERING SHALL BE INCLUDED IN THE VARIOUS ITEMS INCLUDED IN THE CONTRACT.
- 9. TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL MEASURES DETAILED IN THE PLANS SHALL BE CONSIDERED AS THE MINIMUM REQUIRED.
- 10. PRIOR TO AND/OR DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL COMPLY WITH ALL ADDITIONAL MEASURES DEEMED NECESSARY BY THE ENGINEER AND SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT DEVICES.
- 11. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PREVENT CONTAMINATION OF THE STREAMS BY SILT, SEDIMENT, FUELS, SOLVENTS, LUBRICANTS, EPOXY COATINGS, CONCRETE LEACHATE, OR ANY OTHER POLLUTANT ASSOCIATED WITH THE PROPOSED CONSTRUCTION.
- 12. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE, LEACHATE OR WASHINGS FROM CONCRETE TRUCKS, MIXERS, OR OTHER DEVICES SHALL BE ALLOWED TO ESCAPE INTO THE DRAINAGE SYSTEM, WETLANDS OR NEARBY WATERS.
- 13. DURING THE COURSE OF CONSTRUCTION ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO FIELD CONDITIONS. THESE ADDITIONAL EROSION CONTROL MEASURES, LIKE THOSE SHOWN ON THIS SHEET, SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH NYSDEC STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.



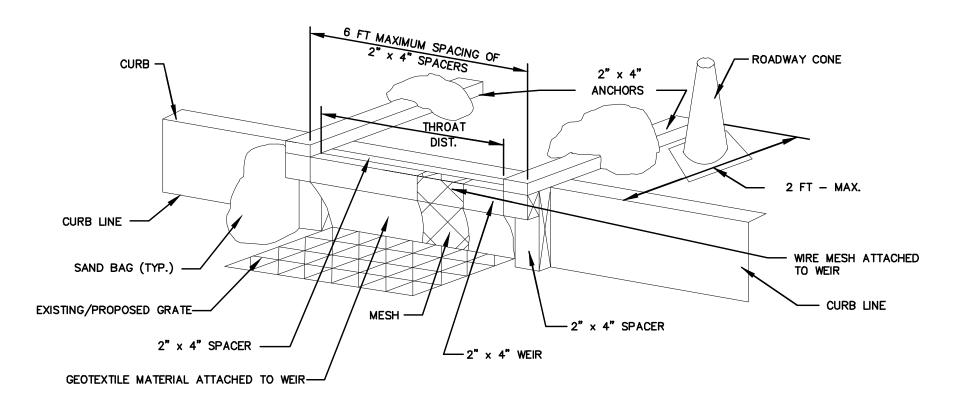


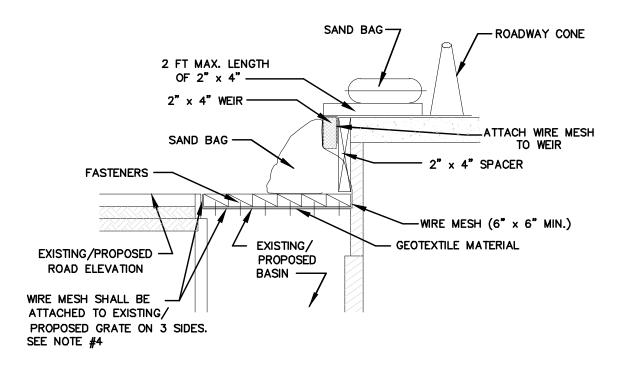
BEDDING DETAIL WHEN LOCATED ON SOIL SURFACE

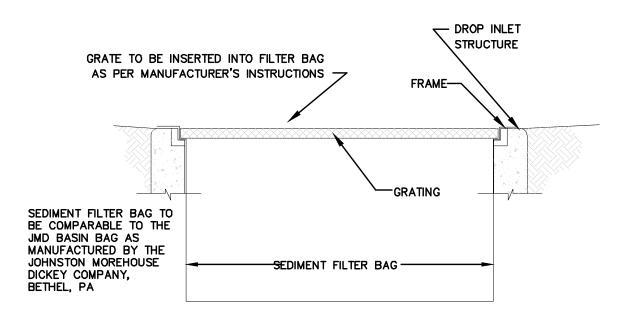
HAYBALE/STRAWBALE DETAIL

DETAIL 607-2

NOT TO SCALE



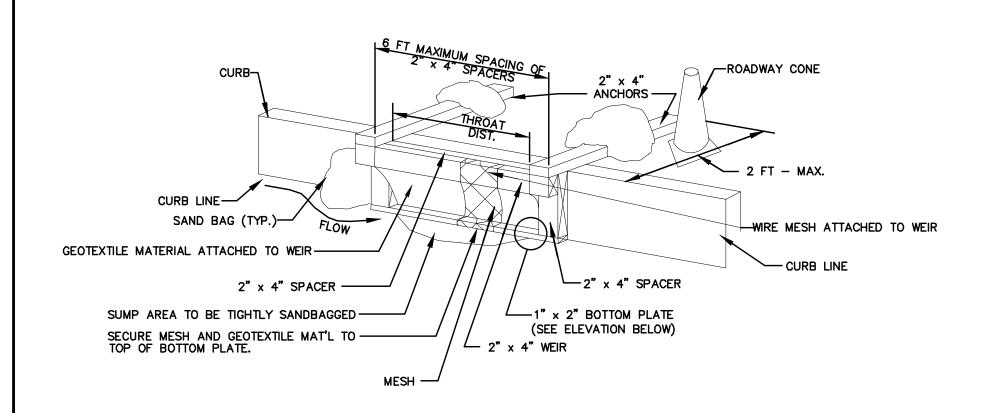


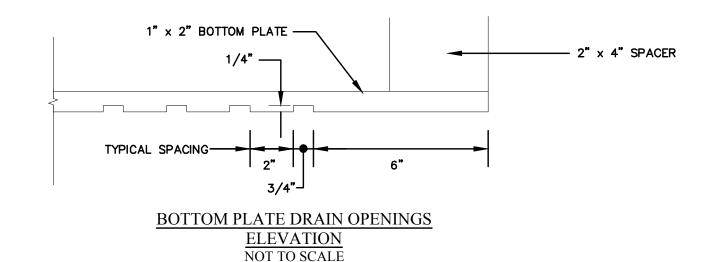


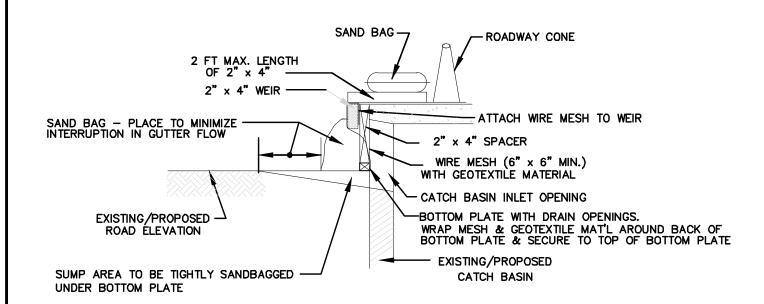
SILT PROTECTION FOR SURFACE INLET DRAINAGE STRUCTURES DETAIL 607-3 NOT TO SCALE

607-3 SILT PROTECTION FOR SURFACE INLET DRAINAGE STRUCTURES

- 1. THE CONTRACTOR SHALL PLACE THE "GEOTEXTILE MATERIAL" AS SHOWN IN THE DETAIL. THE "GEOTEXTILE MATERIAL" SHALL BE TIED TO THE $6" \times 6"$ MESH WIRE.
- 2. WITH THE APPROPRIATE FASTENERS. THE WIRE MESH SHALL BE FASTENED BY NAILING, STAPLING, OR OTHER SATISFACTORY MEANS TO THE WOOD FRAME THAT WILL SUPPORT THE FABRIC AND WIRE. BOTH SHALL BE PLACED BETWEEN THE FRAME AND GRATE, ON THE STREET SIDE OF THE STRUCTURE A.O.B.E.
- 3. THE WOODEN FRAME SHALL BE CONSTRUCTED WITH THE INTENT THAT IT WILL SUPPORT THE MATERIAL THAT WILL ACCUMULATE DURING THE LIFE OF THE CONTRACT OR A.O.B.E..
- 4. THE WIRE MESH SHALL BE CONTINUOUS 4 FT MINIMUM WIDTH AND A LENGTH SUFFICIENT TO BE CONSTRUCTED AS SHOWN IN THE DETAIL. IT SHALL BE SECURED AND ATTACHED TO THE WOOD WEIR AS NOTED OR A.O.B.E..
- 5. THE PROTECTION DEVICE SHALL BE PLACED AGAINST THE INLET AND SECURED BY 2" x 4" ANCHORS 2 FT IN LENGTH, EXTENDING ACROSS THE TOP OF THE INLET, AND HELD IN PLACE BY THE SANDBAGS. ADDITIONAL SANDBAGS, AS SHOWN IN THE DETAIL, SHALL BE PLACED ON BOTH SIDES OF THE BASIN AND SHALL BE PLACED UP AGAINST THE CURB LINE ON EITHER EDGE OF THE SURFACE INLET.
- 6. THE INSTALLATION OF THIS FILTERING SYSTEM SHALL BE DONE PRIOR TO ANY EXCAVATION ON THE JOB THAT HAS THE POTENTIAL TO PRODUCE SEDIMENT RUNOFF, OR A.O.B.E..



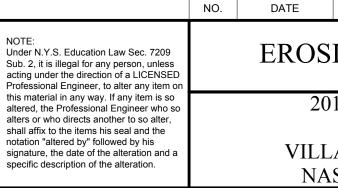




SILT PROTECTION FOR CURB INLET STRUCTURES

DETAIL 607-4

NOT TO SCALE



EROSION CONTROL DETAILS

REVISION

2017 ROAD IMPROVEMENTS
VARIOUS LOCATIONS
VILLAGE OF UPPER BROOKVILLE
NASSAU COUNTY, NEW YORK

BOWNE AE&T GROUP Where Experience Empowers Vision		Sidney B. Bowne & Son, LLP 235 East Jericho Turnpike Mineola, NY 11501 Phone: 516-746-2350 Fax: 516-747-1396 www.bownegroup.com		SCALE: PLAN: AS SHOWN PROFILE: HORIZ: N/A VERT: N/A		N/A
				DATE:	MA	Y 2017
DESIGNED BY:	DRAFTED BY:	CHECKED BY:	PROJECT NO:	SHEET NUMBER		
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