

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

- ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL CONFORM TO THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" (A.K.A. "NYS BLUE BOOK"), MOST RECENT EDITION AND ANY ADDENDA THERETO.
- THE SEDIMENT CONTROL MEASURES DETAILED IN THESE PLANS SHALL BE IN PLACE PRIOR TO THE START OF CONSTRUCTION. ONCE CONSTRUCTED, ALL MEASURES SHALL BE PROPERLY MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD, AND THEN REMOVED FROM THE SITE ONCE THE SITE IS STABILIZED.
- THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR UNTIL THE FINAL SURFACE TREATMENT HAS BEEN INSTALLED AND VEGETATED AREAS HAVE ESTABLISHED 80% COVERAGE.
- CONSTRUCTION ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE CONSTRUCTION PHASING SCHEDULE SUPPLIED BY THE CONTRACTOR OR AS SHOWN ON THE PLANS.
- ALL MATERIAL REMOVED FROM THE SITE SHALL BE DISPOSED OF AT A LICENSED WASTE MANAGEMENT FACILITY.

STABILIZED CONSTRUCTION ENTRANCE NOTE:

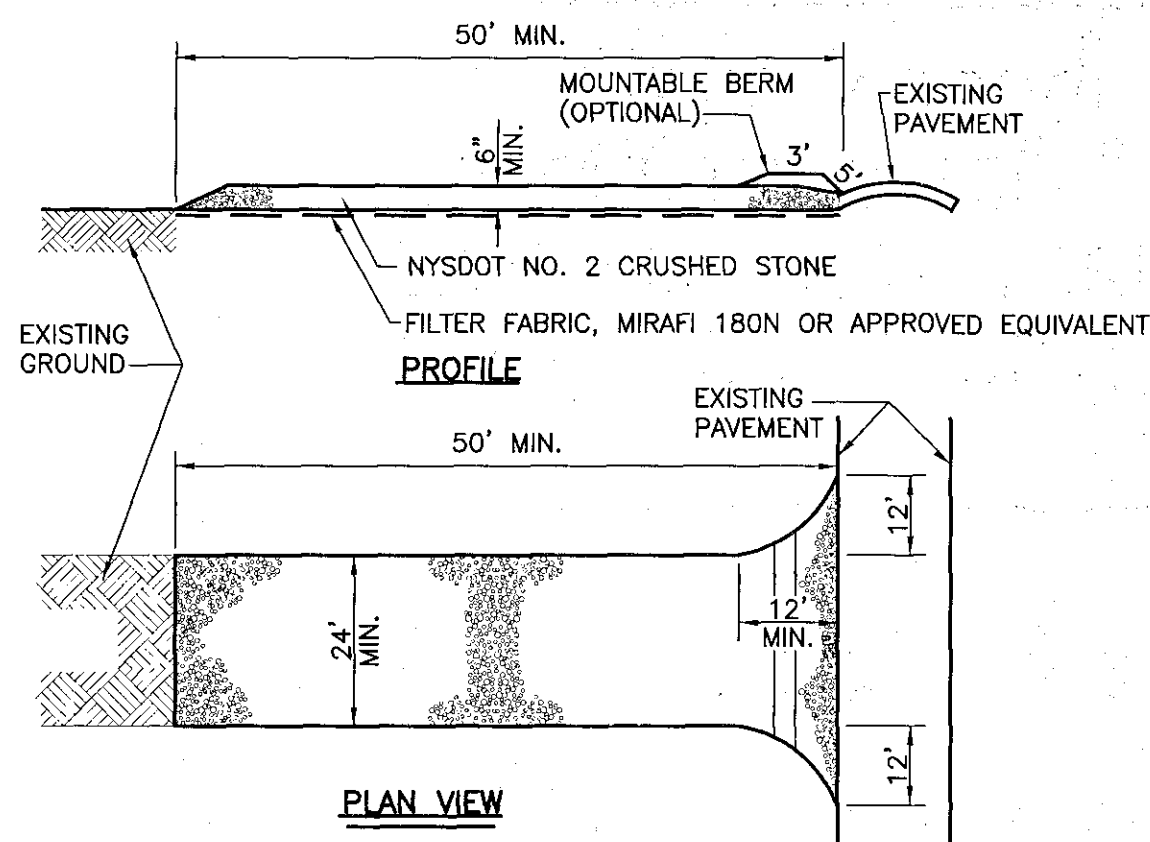
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED WHERE NECESSARY TO PREVENT SEDIMENT FROM BEING TRACKED ONTO ROADWAYS.

STOCKPILE NOTES:

- IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITHIN 25 FT OF ANY DITCH, STREAM, OR OTHER SURFACE WATERBODY.
- SILT FENCE SHALL BE CONSTRUCTED AROUND ALL STOCKPILES OF FILL AND EXCAVATED OVERBURDEN THAT ARE TO REMAIN EXPOSED FOR PERIODS LESS THAN (30) DAYS. SILT FENCE SHALL BE ANCHORED AND MAINTAINED IN GOOD CONDITION UNTIL SUCH TIME AS SAID STOCKPILES ARE REMOVED AND STOCKPILING AREAS ARE BROUGHT TO FINAL GRADE AND PERMANENTLY STABILIZED.

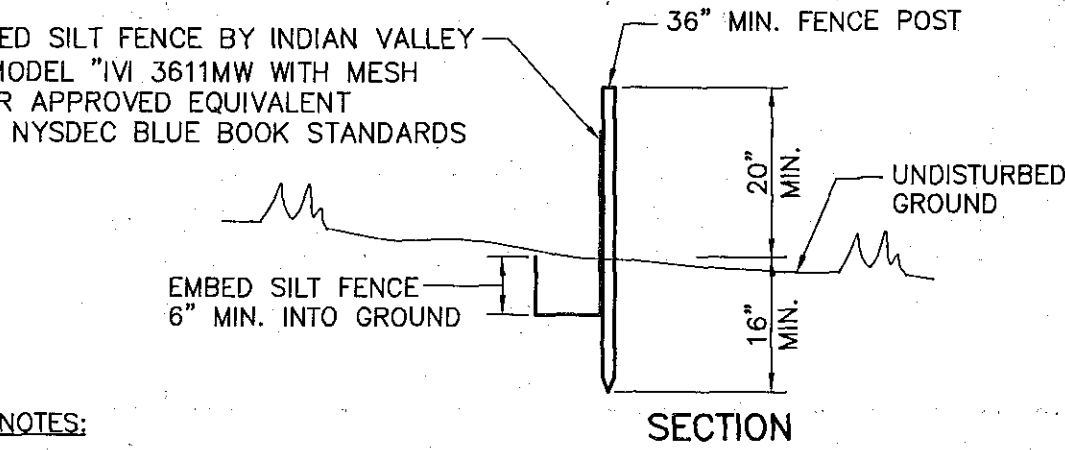
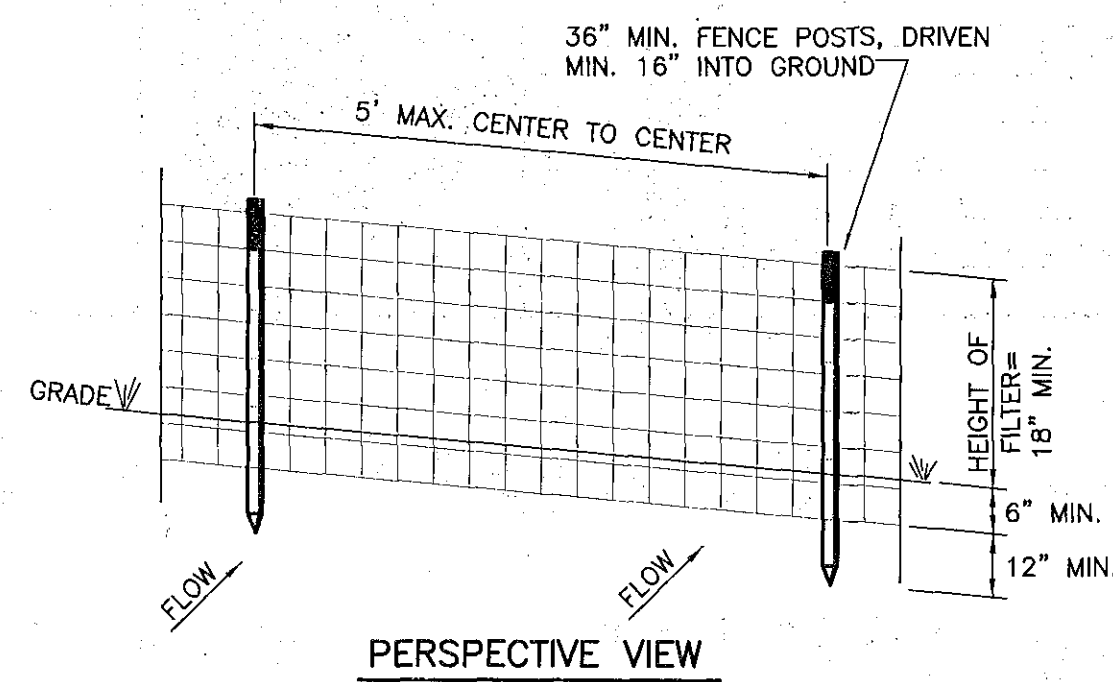
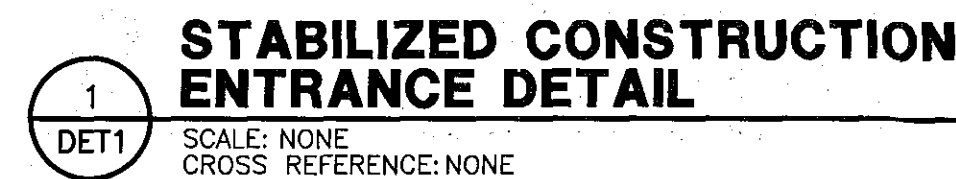
SILT FENCE NOTES:

- SILT FENCE SHALL BE PLACED ON THE DOWNSLOPE SIDE OF DISTURBED AREAS AND AROUND THE PERIMETER OF SOIL STOCKPILES. SILT FENCE SHALL BE INSTALLED PARALLEL TO CONTOURS.
- SILT FENCE SHALL BE REPAIRED OR REPLACED WHEN THE ENDS ARE FRAYED OR WORN, AND WHEN THE FENCE IS NOT ANCHORED 6" INTO THE GROUND. WHEN THE ACCUMULATED SEDIMENT REACHES 30% OF THE SILT FENCE HEIGHT, THE SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN AN APPROPRIATE UPLAND AREA.



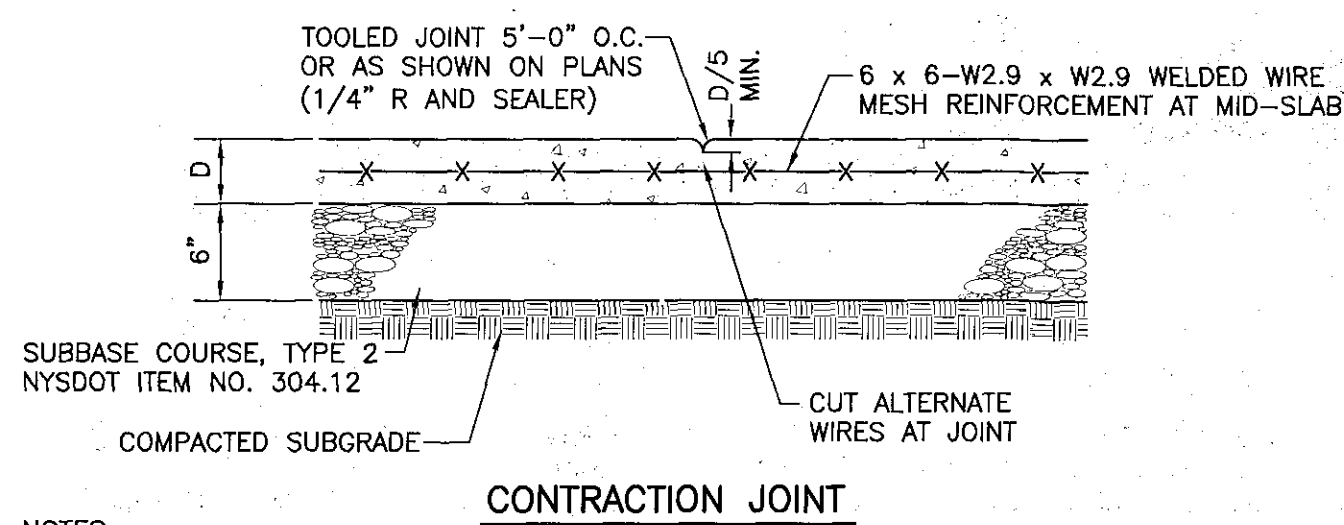
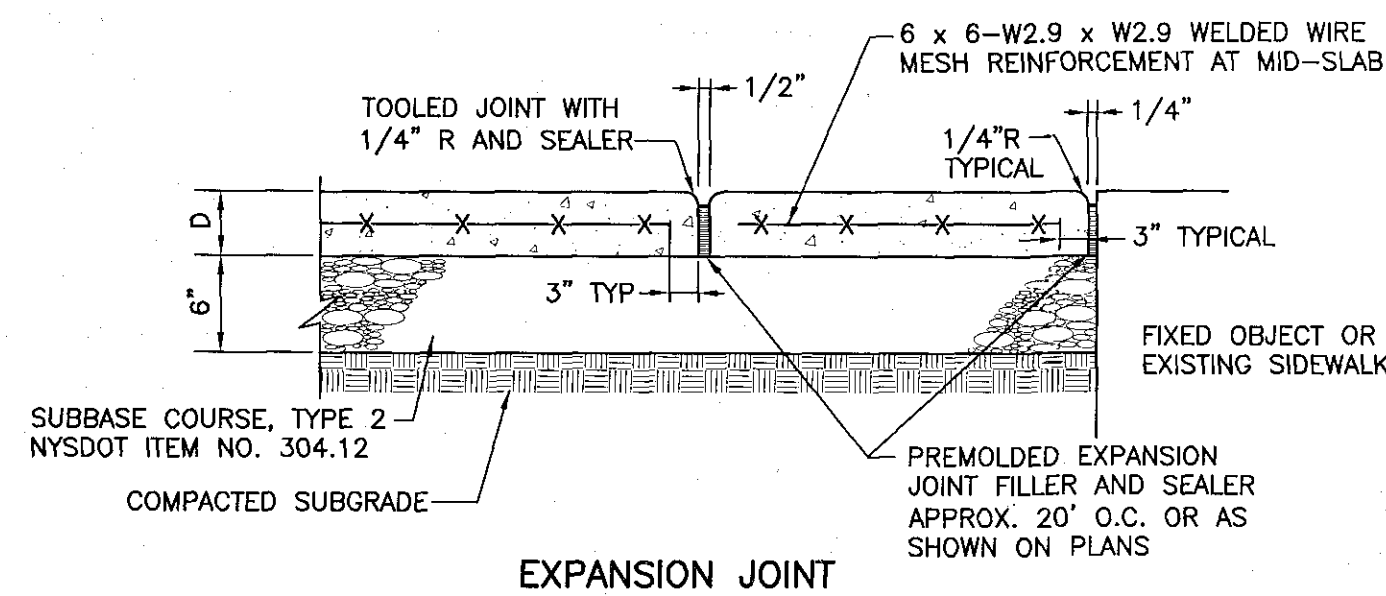
NOTES:

- USE 1"-4" STONE, OR RECLAIMED OR RECYCLED CONCRETE OR APPROVED EQUIVALENT.
- THE LENGTH SHALL NOT BE LESS THAN 50 FEET.
- CRUSHED STONE SHALL BE MAINTAINED AT A MINIMUM OF 6" IN DEPTH.
- ENTRANCE SHALL BE AT LEAST 24 FEET WIDE.
- GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO THE PLACING OF STONE.
- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS NOT PRACTICAL, A MOUNTABLE BERM WITH 1H:5V SLOPES WILL BE PERMITTED.
- 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 SHALL BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



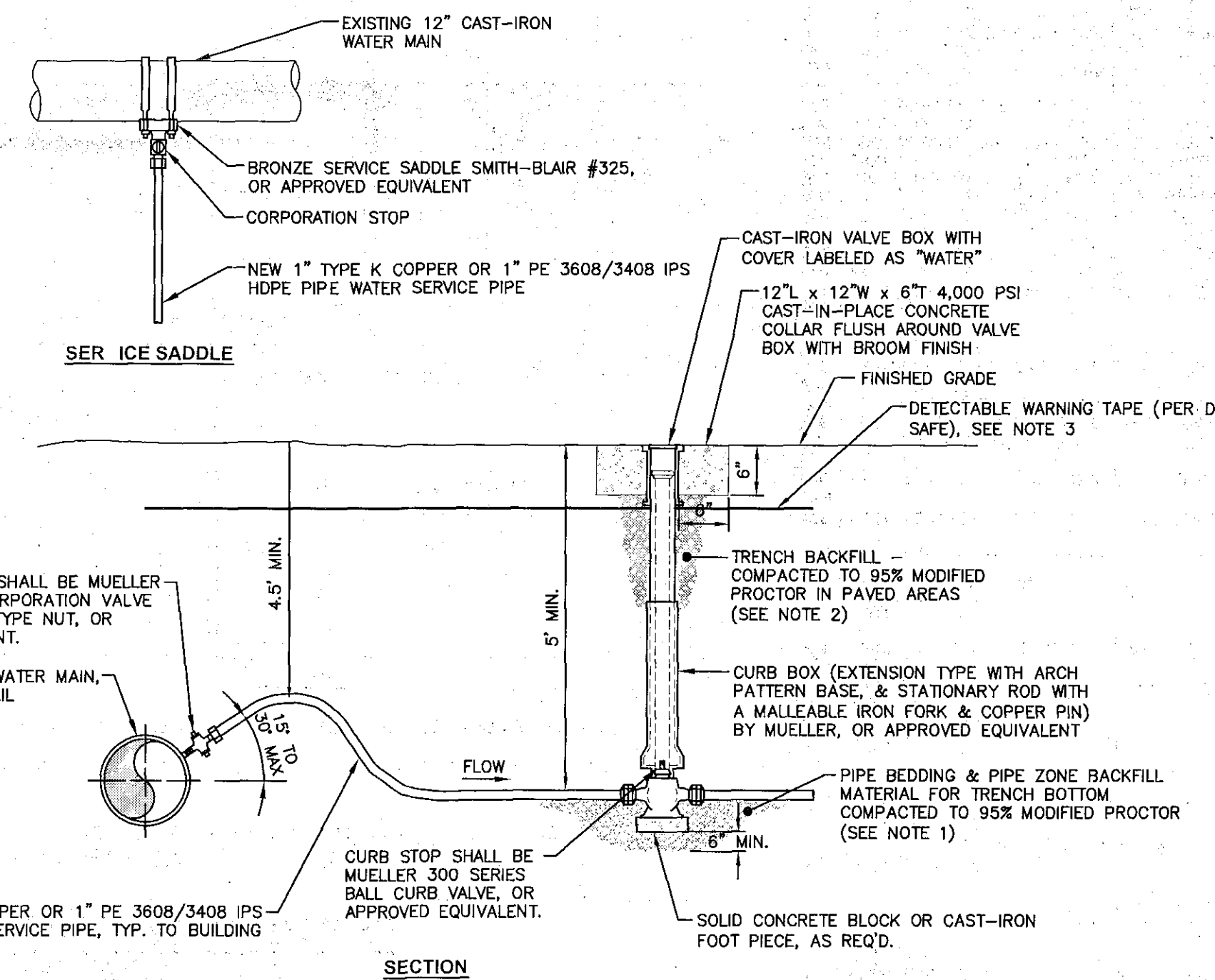
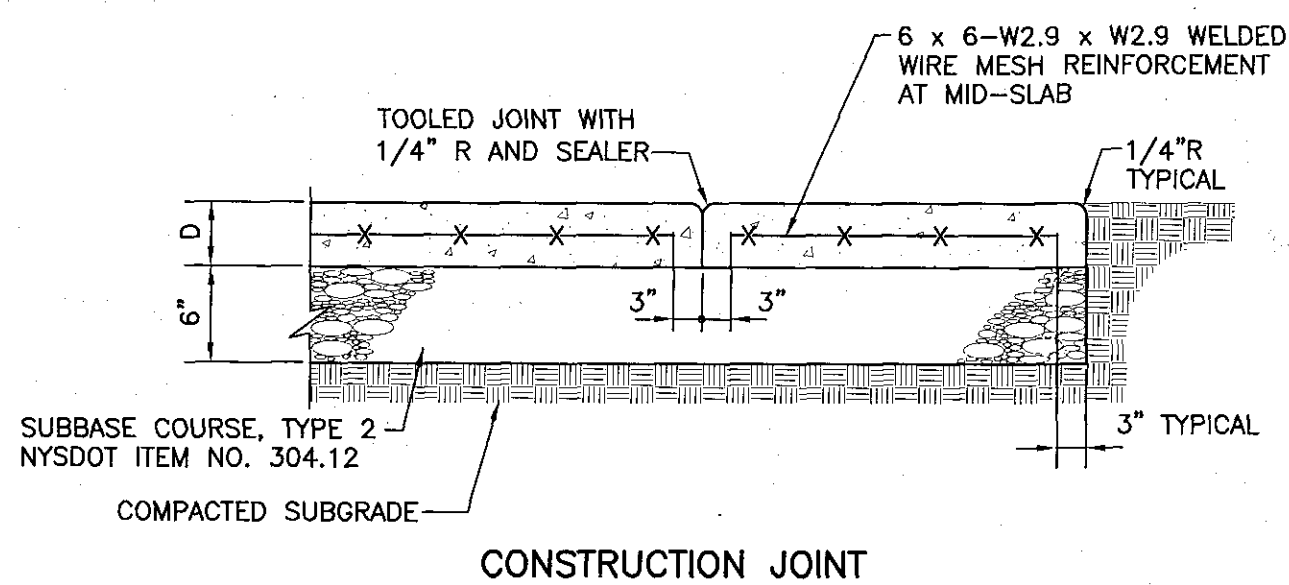
NOTES:

- SILT FENCE WOVEN FILTER CLOTH TO BE FASTENED SECURELY TO WOODEN STAKES.
- WHEN TWO SECTIONS OF SILT FENCE ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIALS REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



NOTES:

- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 608, SIDEWALKS, DRIVEWAYS, AND BICYCLE PATHS; SPECIFICALLY ITEM NO. 608.0101 CONCRETE SIDEWALKS AND DRIVEWAYS, OF THE NYSDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED MAY 1, 2008, AND ALL ADDENDA THERETO.
- SUBBASE MATERIAL AND PLACEMENT SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 304, SUBBASE COURSE; SPECIFICALLY ITEM NO. 304.12, SUBBASE COURSE, TYPE 2, OF THE NYSDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED MAY 1, 2008, AND ALL ADDENDA THERETO.
- REINFORCEMENT SHALL BE AS FOLLOWS:
4" THICK SIDEWALK: 6" X 6"-W2.9/W2.9 WELDED WIRE MESH
- THICKNESS OF CONCRETE (D) SHALL BE 4".
- CONCRETE SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH (f'c) OF 4,000 PSI AND HAVE BETWEEN 5% AND 8% ENTRAINED AIR.
- PROVIDE PREMOULDED EXPANSION JOINT FILLER AND SEALER AT 20' O.C. OR AS SHOWN ON PLANS.
- PROVIDE TOOLED CONTRACTION JOINTS AT 5'-0" O.C. BOTH WAYS OR AS SHOWN ON PLANS.
- JOINTS SHALL NOT BE SAW CUT.
- ALL EXPOSED SURFACES SHALL HAVE A BROOM TEXTURE FINISH.
- SIDEWALK SURFACE SHALL BE TREATED WITH AN APPROVED PENETRATING SEALER, "CONSPEC SILANE 40 WB," OR EQUAL, AS MANUFACTURED BY "CONSPEC MARKETING AND MANUFACTURING COMPANY" OF KANSAS CITY, KANSAS.



NOTES:

- PIPE BEDDING & PIPE ZONE BACKFILL MATERIAL SHALL BE A NATURAL RUN-OF-BANK (R.O.B.) SAND OR A MIXTURE OF CRUSHED STONE AND GRAVEL, FREE OF SOFT, NONDURABLE PARTICLES, ORGANIC MATERIALS AND ELONGATED PARTICLES, AND SHALL BE WELL GRADED FROM FINE TO COARSE PARTICLES. BEDDING GRADATIONS SHALL BE APPROVED BY THE ENGINEER AND SHALL MEET THE FOLLOWING GRADATION REQUIREMENTS:

SIEVE DESIGNATION	% PASSING
3/4"	100%
No. 40	0-70%
No. 200	0-10%
- TRENCH BACKFILL MATERIAL SHALL BE A NATURAL RUN-OF-BANK (R.O.B.) OR PROCESSED GRAVEL, OR EXCAVATED MATERIAL FREE OF SOFT, NONDURABLE PARTICLES, ORGANIC MATERIALS AND ELONGATED PARTICLES, AND SHALL BE WELL GRADED FROM FINE TO COARSE PARTICLES. TRENCH BACKFILL GRADATIONS SHALL BE APPROVED BY THE ENGINEER AND SHALL MEET THE FOLLOWING GRADATION REQUIREMENTS:

SIEVE DESIGNATION	% PASSING
4"	100%
No. 40	0-70%
No. 200	0-10%
- INSTALL CONTINUOUS DETECTABLE WARNING TAPE DURING BACKFILLING OF TRENCH FOR UNDERGROUND PIPING. LOCATE TAPE 12" BELOW FINISHED GRADE, DIRECTLY OVER PIPING.
- TRENCHING SHALL BE IMPLEMENTED IN ACCORDANCE WITH O.S.H.A. STANDARDS.
- THE WATER SERVICE SHALL BE INSTALLED AT A CONTINUOUS GRADE WITH NO ABRUPT HIGH OR LOW POINTS.

TOWN OF BETHELEM
PLANNING BOARD APPROVAL
TOWN OF BETHELEM
ALBANY COUNTY, NEW YORK
This Site Plan Approved.
Title: *Water Service*
Date: *8/8/12*

DETAILS

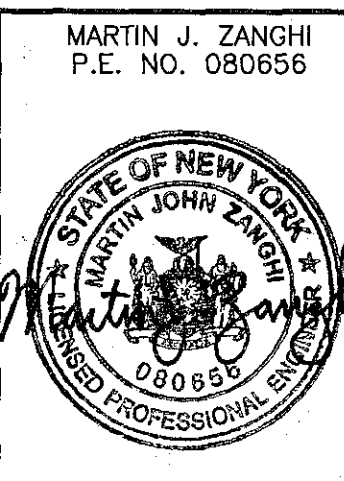
R.J. CORMAN MATERIAL SALES
19 SPEEDER ROAD - BUILDING EXPANSION

TOWN OF BETHELEM (HAMLET OF SELKIRK) ALBANY COUNTY, NEW YORK

C.T. MALE ASSOCIATES
Engineering, Surveying, Architecture & Landscaping Architecture, P.C.

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