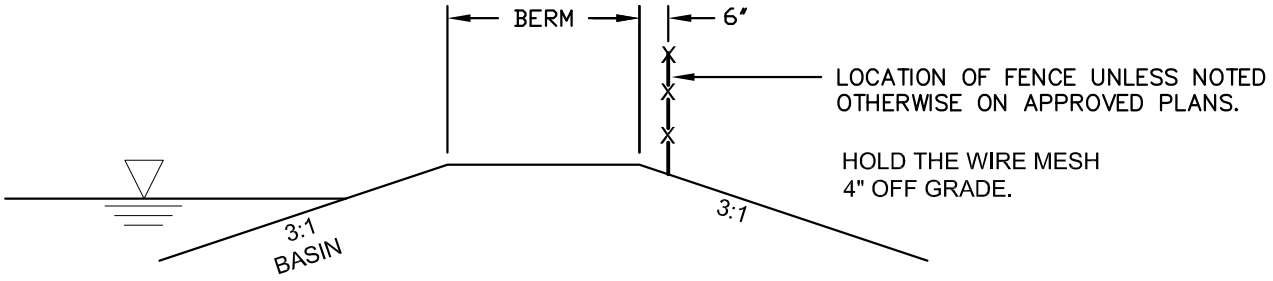
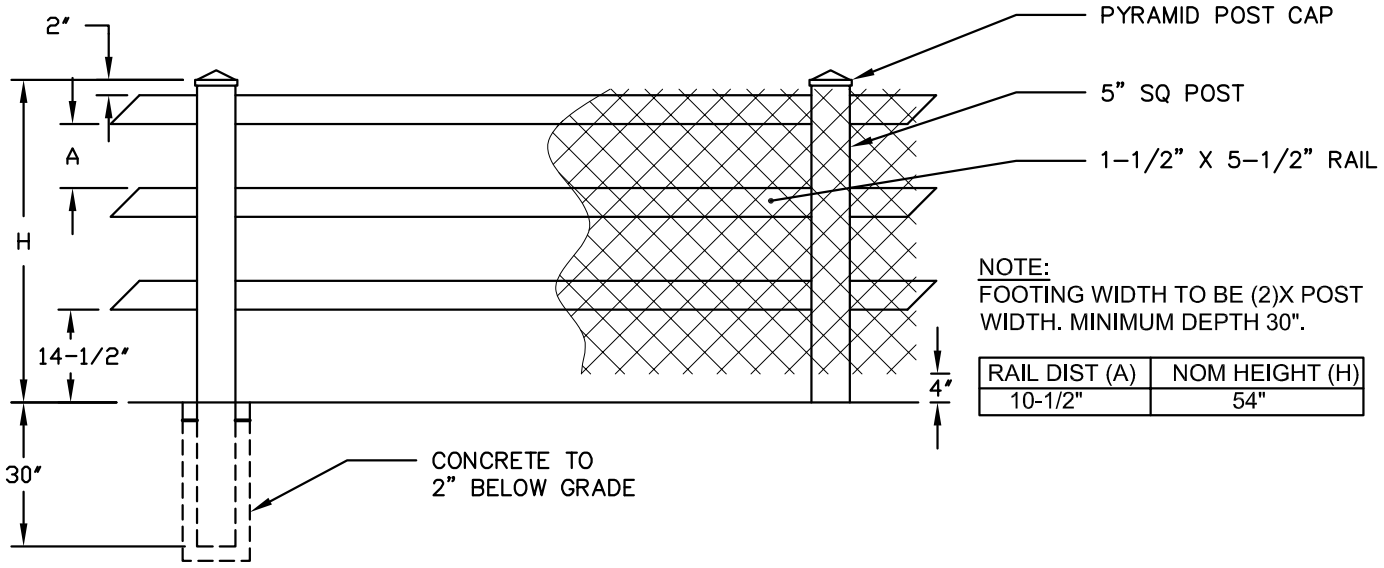


SWM ENCLOSURE NOTE:
ENCLOSE STORMWATER MANAGEMENT BASIN WITH 3 RAIL LARGE-POST AND RAIL STYLE FENCE WITH WIRE OUTSIDE RAILING PER PLAN VIEW AND DETAIL THIS SHEET.

FENCE PLACEMENT DETAIL



NOTE:
FOOTING WIDTH TO BE (2)X POST WIDTH. MINIMUM DEPTH 30".

RAIL DIST (A)	NOM HEIGHT (H)
10-1/2"	54"

FENCE SECTION ELEVATION

FENCE SPECIFICATIONS:

1. VINYL FENCE MATERIAL REQUIREMENTS:
   A. CELL CLASSIFICATION - ASTM D1748 - 14344B
   B. TENSILE STRENGTH - 6,500 PSI - ASTM D638
   C. IZOD IMPACT (FT LBS/IN NOTCH) 23'C - 5.0 O'C - 2.0 - ASTM D256
   D. TENSILE MODULUS 425,000 PSI - ASTM D638
   E. DEFLECTION TEMPERATURE 67°C - ASTM D648
   F. THERMAL EXPANSION 3X10.5 IN/IN F
2. POSTS SHALL BE 5"X5" - 0.135" STANDARD WALL THICKNESS - 3/8" CORNER RADIUS
3. RAILS SHALL BE 1-1/2"X5-1/2" RIBBED - 0.090" WALL THICKNESS - 11/32" CORNER RADIUS
4. WIRE MESH SHALL BE PVC WHITE YARD GUARD - HEAVY DUTY - 2"X4" MESH/14 GAUGE OR APPROVED EQUAL. WIRE MESH SHALL BE ATTACHED TO THE FENCE BY A CLIP OR ANOTHER MECHANICAL MEANS.
5. GATES SHALL BE 10 FOOT WIDE 6 RAIL STEEL TUBULAR EXTRA HEAVY DUTY BULL GATE FARM GATE. 2" DIAMETER, 16 GAUGE STEEL TUBE. 50" TALL WITH VERTICAL "Z" BRACES. GATE POSTS SHALL BE 6"X6" SOUTHERN YELLOW PINE SET 36" DEEP IN DRY PACKED PORTLAND CEMENT TYPE II. BLACK PLASTIC POST CAPS SHALL BE PROVIDED FOR EACH POST.
6. THE GATES SHALL BE INSTALLED WITH A LIVESTOCK GATE LATCH, TWO WAY TYPE WITH A ZINC CHROMATE PLATED FINISH. PERMITS SWING IN BOTH DIRECTIONS.

TOWN OF MIDDLETOWN APPROVED: 05/04/16 DATE	STANDARD DETAIL STORM WATER MANAGEMENT POND PERIMETER FENCE	REVISIONS:	SW-1