

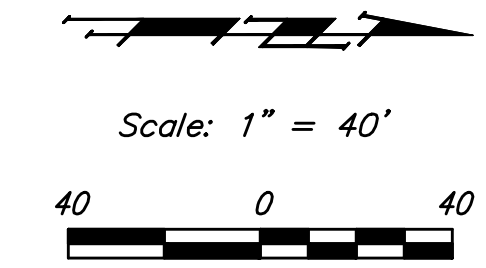
**BENCHMARK:**

R.R. Spike in asphalt, SW corner, N1/2, SW1/4, Sec. 34, TWP 26-S, R-2-E. Elev. = 1400.59 NAVD 88

R.R. Spike in E. face of power pole 174± N. of S. Line, N1/2, SW1/4 & 49± E. of W. Line, SW1/4, Sec. 34, TWP. 26-S, R-2-E. Elev. = 1398.64 NAVD 88

Install 2,613 S.Y. Curlex II, or approved equal. Erosion control mat shall be installed and anchored per manufacturer's specifications. Note: This quantity does not include excess material necessary for overlap and anchoring.

Contractor to install 390 L.F. of 3 strand barbed wire fence with corner braces as needed. Contractor to contact land owner 48 hours prior to construction.



**Pond Plan Legend**

- Proposed Storm Sewer
- Proposed Grade
- Existing Grade
- Existing Fence
- Silt Fence
- Erosion Control Mat
- Rip-Rap
- Concrete

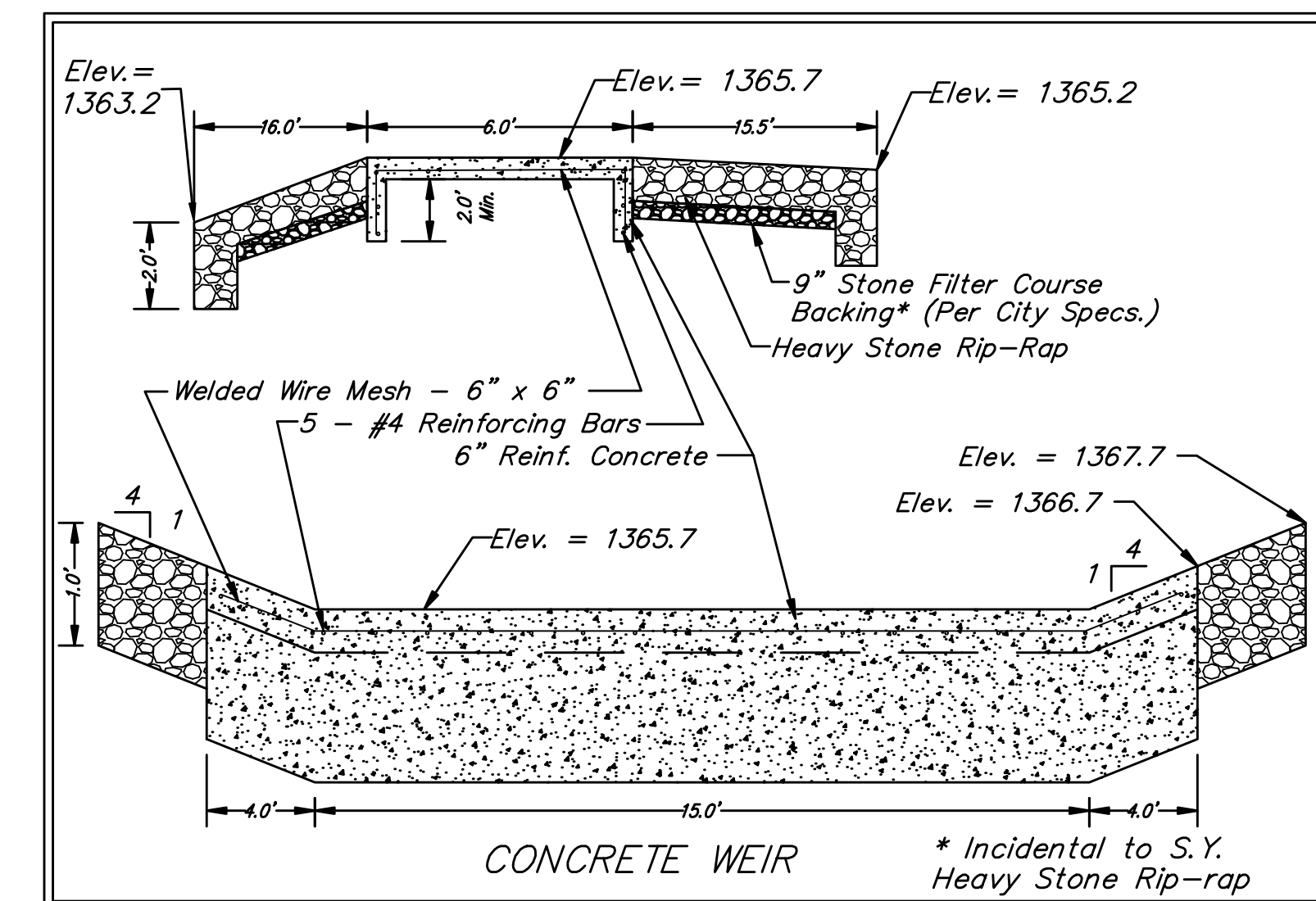
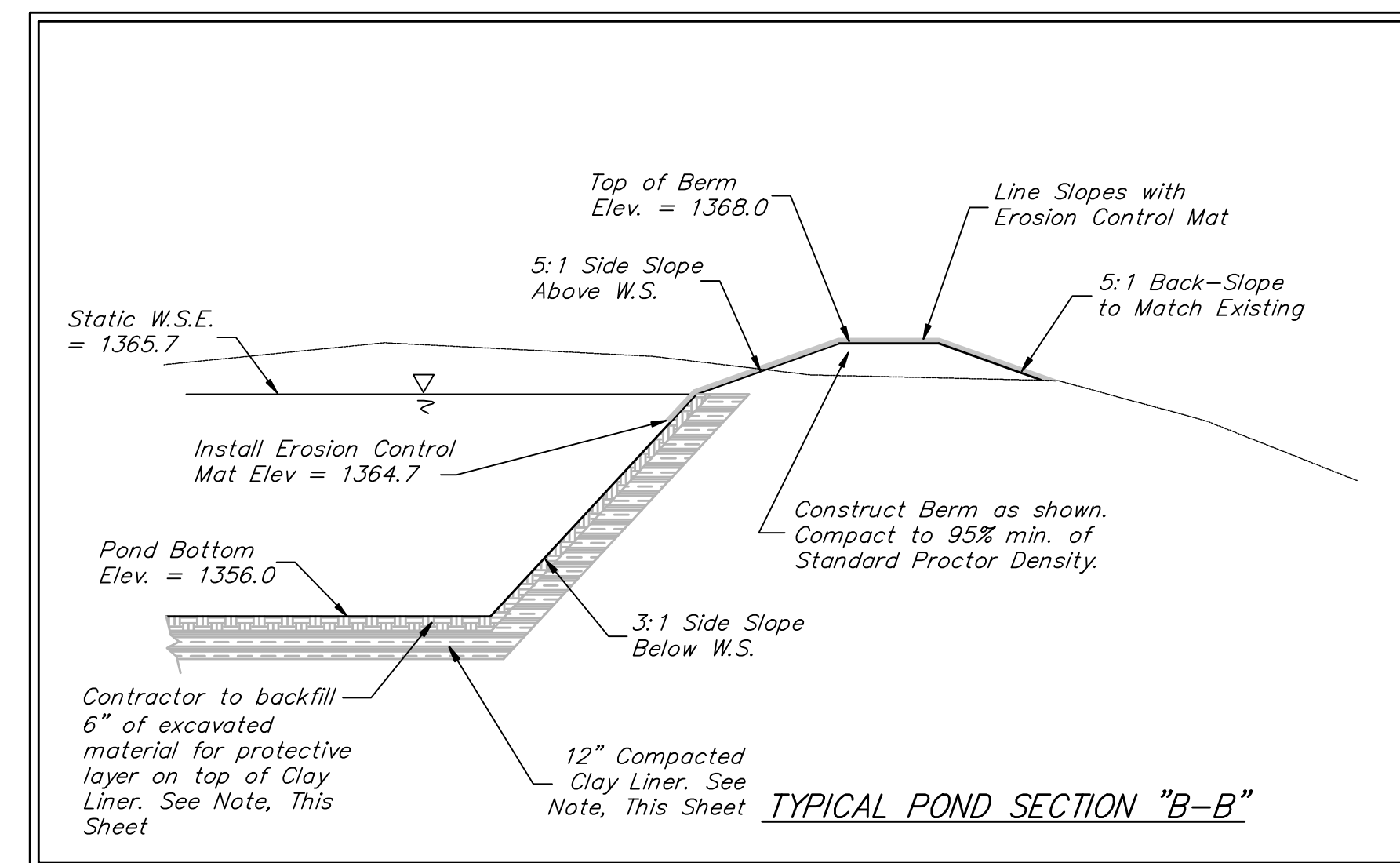
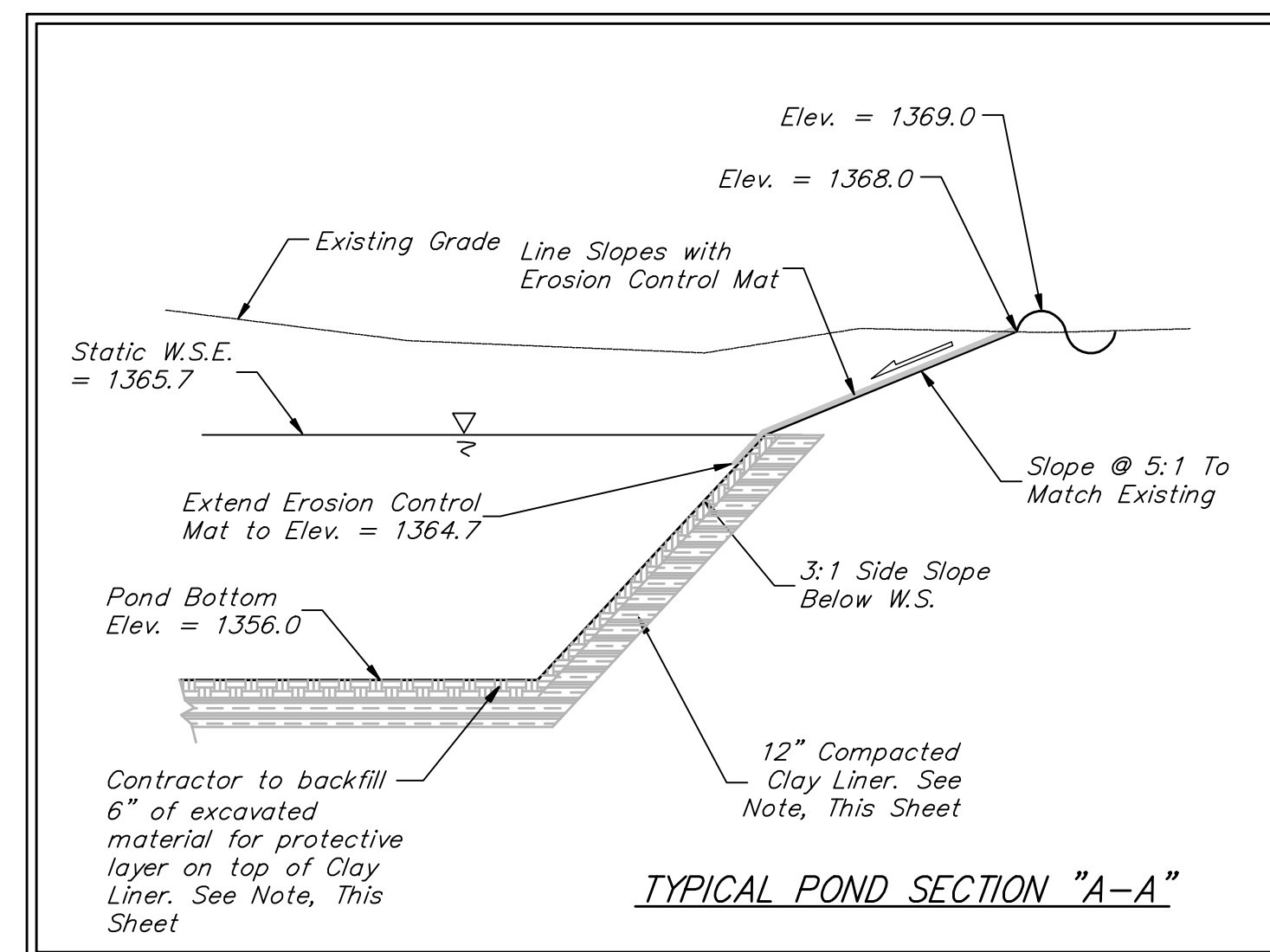
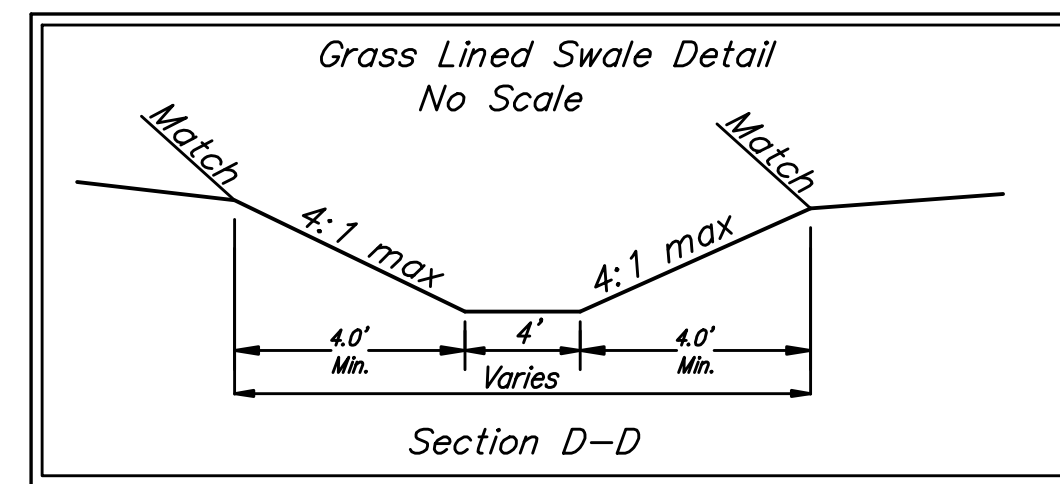
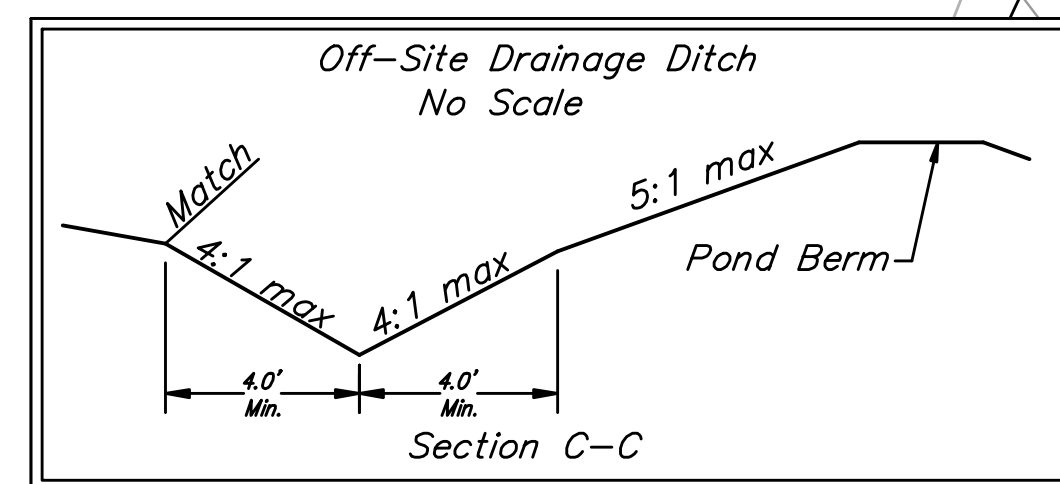
**POND NOTES:**

- Pond bottom and side slopes shall be over-excavated 18". The contractor shall construct a 12" clay liner and a 6" backfilled layer above the clay liner. The top 6" of the Clay Liner shall be treated with High Grade Wyoming Bentonite at a Rate of 6% (3.3 lbs/Ft<sup>3</sup>). The 12" Clay Liner shall be compacted to a minimum of 95% of the maximum Standard Proctor Density (ASTM D698). The 6" backfilled layer shall be compacted to a minimum of 90% of the maximum Standard Proctor Density (ASTM D698). Cost of over-excavation to install Clay Liner shall be incidental to bid item, "Bentonite Lining Material" and is not included in the earthwork summary table.
- The material used for the 12" Clay Liner shall have a Plasticity Index (P.I.) of at least 30. The density and P.I. of the Liner shall be verified during construction. Testing shall be arranged as necessary by the inspector.

Summary of Quantities	UNITS	QUANTITY
Erosion Control Mat	S.Y.	2,613
Silt Fence	L.F.	465
Pond Excavation	C.Y.	22,700
Compacted Fill	C.Y.	390
Bentonite	Ton	140

Quantities are For Information Only!  
Earthwork quantities are unadjusted!

Contractor shall remove trees only when necessary for construction and ONLY with the Developer's approval. Trees that may be trimmed to avoid removal shall be trimmed with a chainsaw.



**North Greenwich Addition**  
**Pond #1**  
**Storm Water Drain #336**

Baughman Company, P.A. 315 Elm St. White, NJ 07111 P116302721 P116302019  
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER <b>488493</b>	DESIGN <b>NEW</b>	DRAWN <b>TNT</b>
REVISIONS:	APPROVED <b>NEW</b>	DATE <b>1/18/10</b>
SCALE <b>NOTED</b>		SHEET <b>2 OF 8</b>

BAYVIEW NORTH GREENWICH ADDITION POND #1 09-09-09