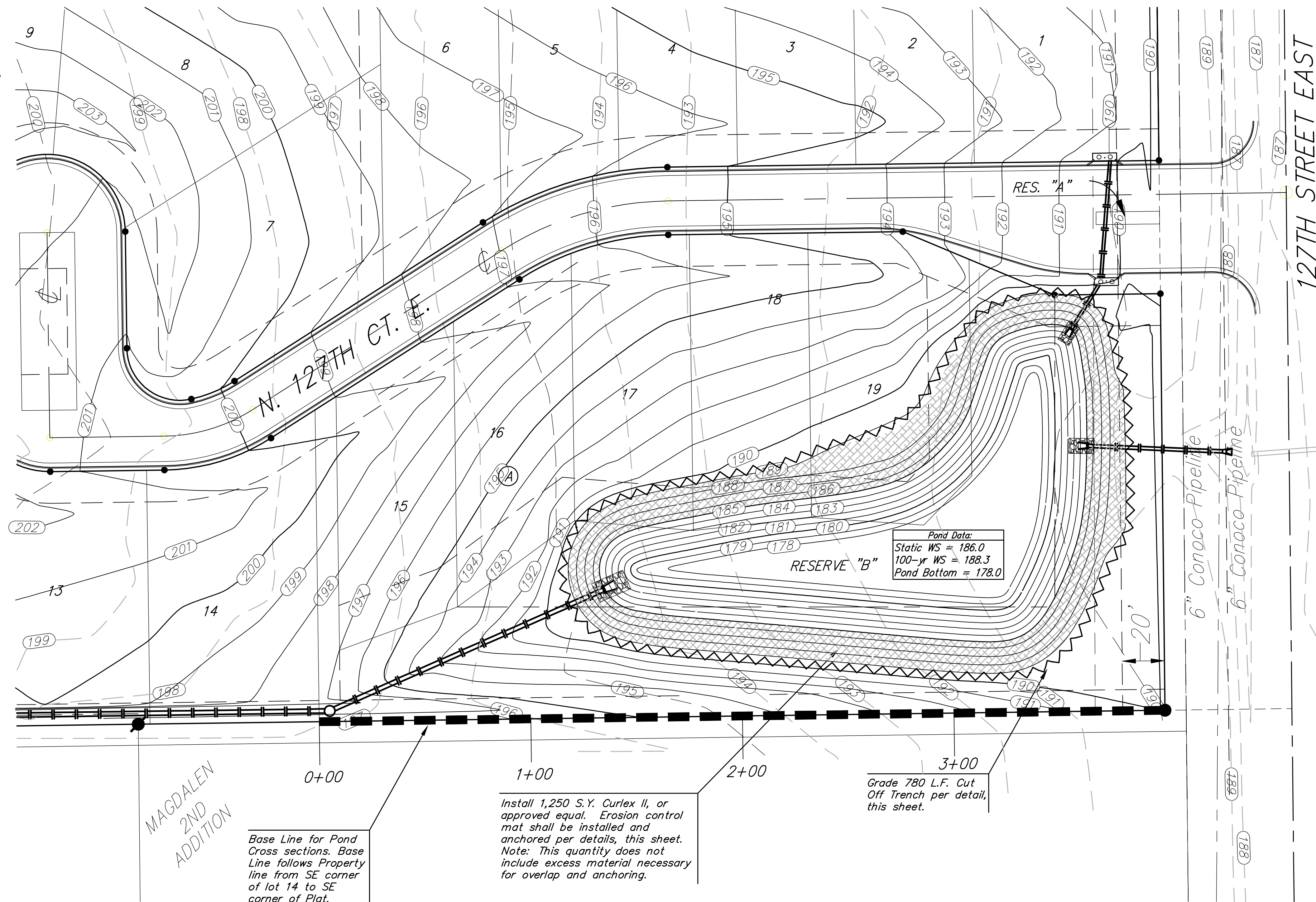


**BENCHMARKS:**  
 City Disc In T.C. Adj. to F.H. 38'  
 South of intersection of Onewood  
 and Auburn Hills.  
 Elev. = 178.48 (City Datum)

" " cut in south curb of Onewood  
 272' west of C.L. Auburn Hills.  
 Elev. = 179.73 (City Datum)



Scale: 1" = 30'

— (140) — Existing Grade  
 — (140) — Proposed Grade  
 ~~~~~ Cut Off Trench

**STAPLE PATTERN "D"**  
 3-1/2 staples per sq. yd.  
 using 6-inch, 11 ga. wire  
 "U" staples. 8-inch staples  
 and longer may be used for  
 loose soils. 9 ga. staples  
 or heavier may be necessary  
 in hard or rocky soils.

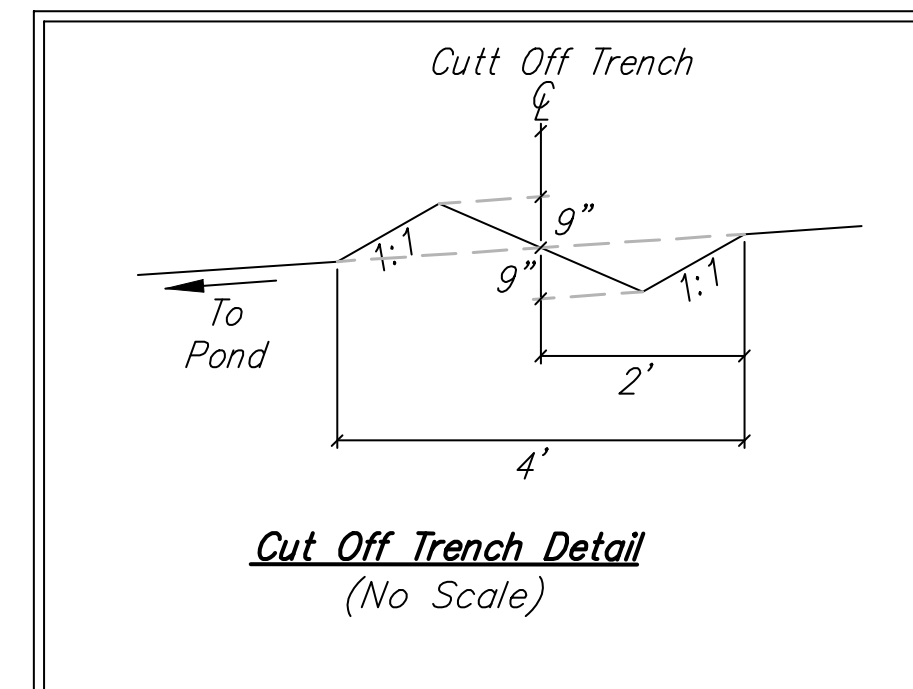
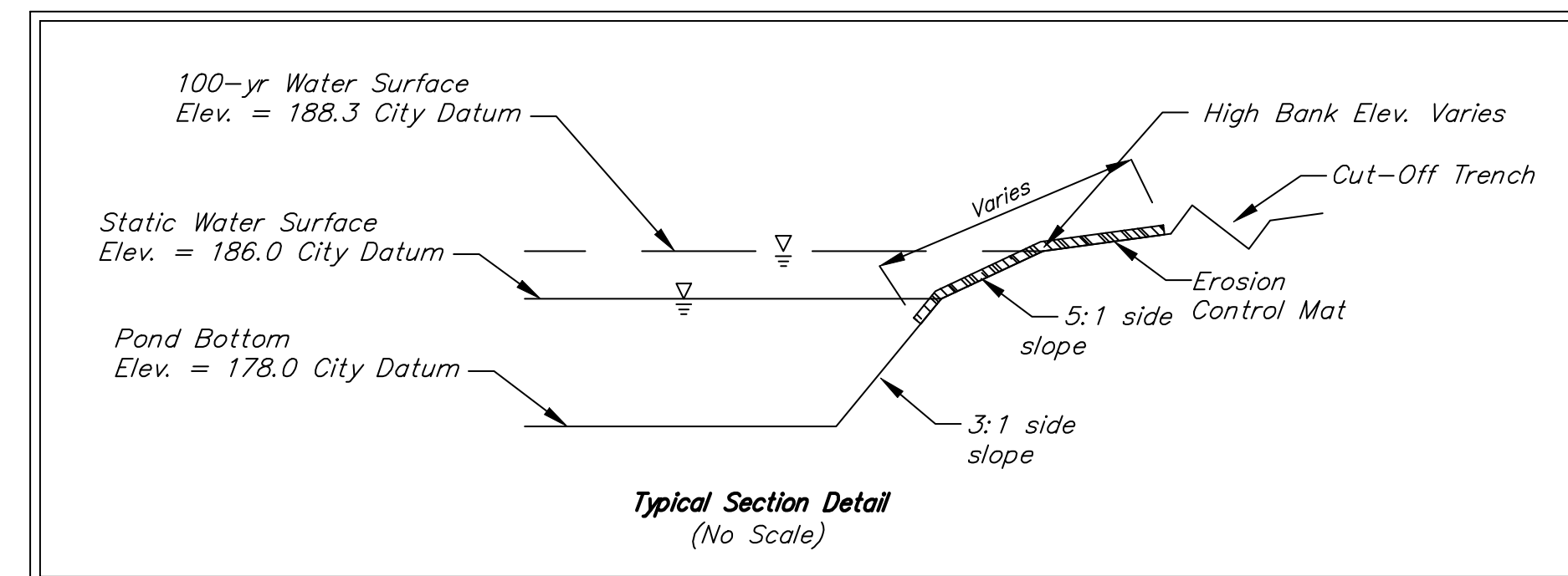
Contractor shall follow manufac-  
 turers installation instructions  
 regarding overlap dimensions.  
 The overlap shall have a minimum  
 dimension of three inches (3").

**STAPLE PATTERN**  
 6.5'  
 4'

⊗ Erosion control mat.

**NOTES:**

- Any excess excavation shall be stored at a location determined by the engineer, out of easements and R/W. Area will be staked by Engineer.
- All of Reserve "B" above the static water surface shall be seeded and mulched as follows: (Permanent Seeding)  
**SEED** -- Kansas Premium Fescue Blend; 3#/1000 Sq. Ft. and Rye Grass (PLS) - 3#/1000 Sq. Ft.  
**FERTILIZER** -- 12-24-12 Ratio at 350 Lbs./Ac.  
**MULCH** -- 2 Tons Prairie Hay / Acre  
 All other disturbed areas not in street R/W are to be seeded and mulched as follows: (Temporary seeding)  
**SEED** -- Rye grass (PLS)--5#/1000 Sq. Ft.  
**MULCH** -- 2 Tons Prairie Hay / Acre  
 All costs associated with seeding shall be paid for as "Project Seeding".
- Install Erosion Control Mat from 1' below the water surface past the high bank elevation as shown, see detail.
- Contractor shall strip and stockpile top 3" of topsoil within street R/W and within reserves before mass grading. Topsoil shall be redistributed over reserve "A" above the static water elevation prior to seeding.
- Compaction of 90% shall be obtained in fill areas outside street R/W and 95% compaction shall be obtained throughout street R/W.



**EARTH WORK TOTALS**

|              | C.Y. Excavation | C.Y. Fill     |
|--------------|-----------------|---------------|
| Mass Grading | 2,829           | 30,999        |
| Pond         | 10,023          | 29            |
| <b>Total</b> | <b>12,852</b>   | <b>31,028</b> |

Stockpile any excess material on-site at a location determined by the Engineer out of easements and right-of-way. Earthwork quantities are for reference only. All cost associated with pond excavation, filling, and mass grading shall be incidental to lump sum bid item "Mass Grading".  
 Contractor to strip top 3" of soil within street R/W before mass grading. Compaction of 95% shall be obtained in all street R/W's, 90% in all other areas. It shall be the Contractor's responsibility to protect the sanitary sewer and water lines during mass grading. Any damage done to these systems by Contractor or subcontractor shall be repaired at no additional cost to the project.

Remove trees **ONLY** as necessary for pond construction and as approved by Engineer. Cost of removal to be incidental to lump sum bid item "Site Clearing & Restoration".

**Baughman** THE FAIRMONT 3RD  
**Pond Plan**  
 STORM WATER DRAIN

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7771 F 316-262-0149  
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

|                             |                |                         |
|-----------------------------|----------------|-------------------------|
| PROJECT NUMBER<br>468-83936 | DESIGN<br>BG   | DRAWN<br>ATD            |
| REVISIONS:                  | APPROVED       | DATE<br>01/05           |
|                             | SCALE<br>Noted | SHEET<br><b>2 OF 20</b> |