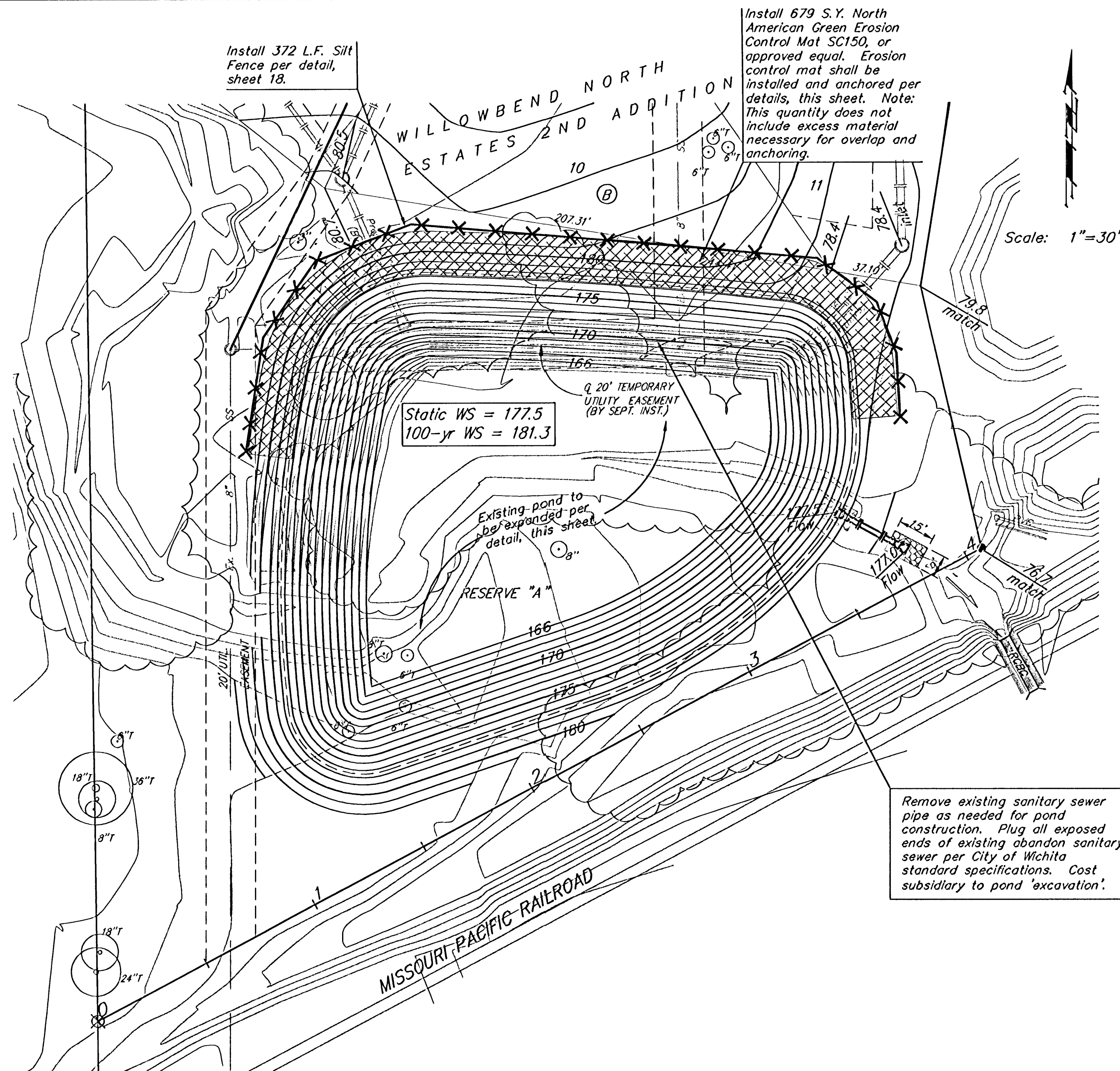




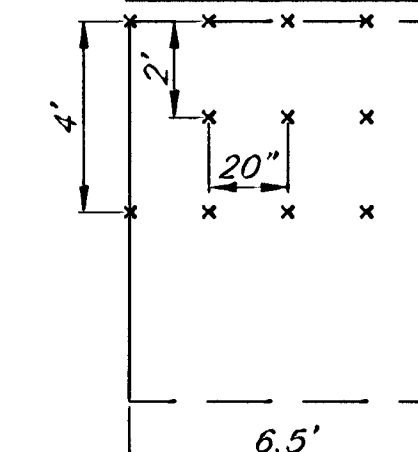
STAPLE PATTERN "D"

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 manufacturer's installation instructions regarding overlap dimensions. The overlap shall have a minimum dimension of three inches (3").

Erosion control mat.

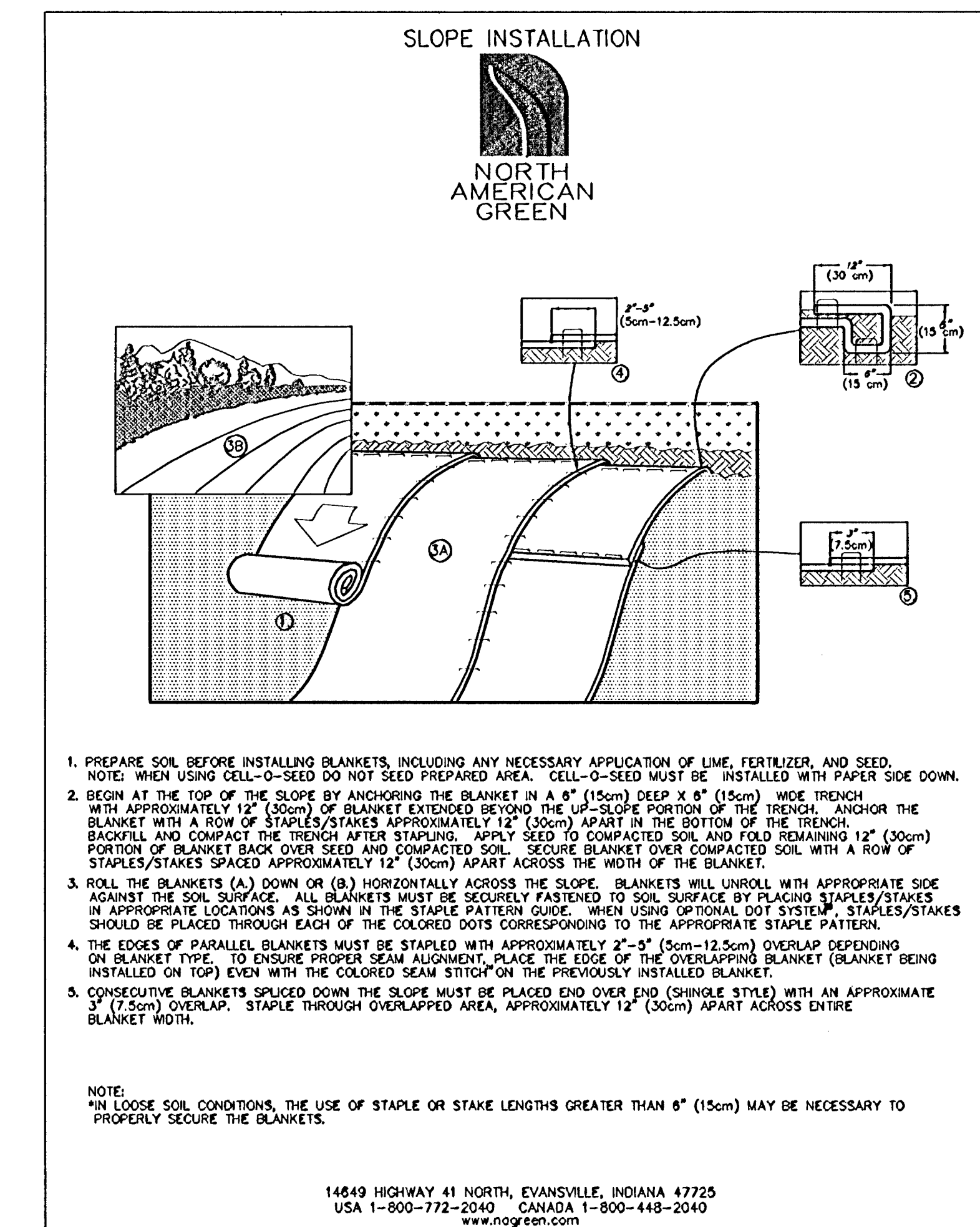
STAPLE PATTERN



EARTH WORK TOTALS

	C.Y. Excavation	C.Y. Fill
Pond Construction	1,383	0

Earthwork quantities are for reference only.



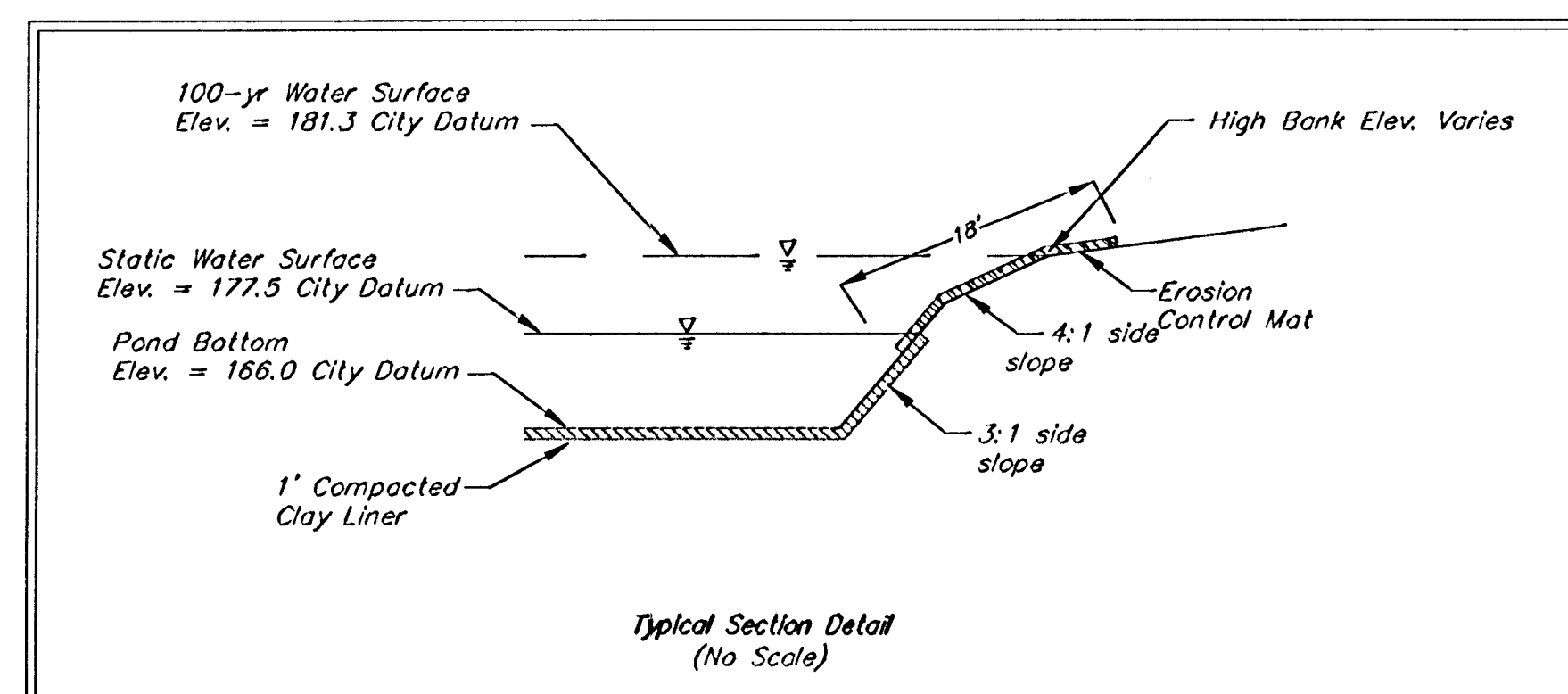
NOTES:

- Pond bottom and sideslopes below static pool elevation shall be over-excavated 1' and a 1' clay liner shall be compacted to 95% std. density. The plasticity index (P.I.) shall be at least 30. The compaction and P.I. shall be verified during construction. P.I. determination and compaction testing shall be arranged by the contractor at the request of the inspector. Cost shall be incidental to "Site Clearing & Restoration".
- Any excess excavation shall be stored as shown on this page, out of easements and R/W. Area will be staked by Engineer. Additional area will be staked out if needed.
- All of Reserve "A" above the static water surface shall be seeded and mulched as follows: (Permanent Seeding)
SEED -- Kansas Premium Fescue Blend; 8#/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)--3#/1000 Sq. Ft. and Kansas Premium Fescue Blend; 3#/1000 Sq. Ft.
FERTILIZER -- 10-20-10 Ratio or 12-24-12 Ratio at 350 Lbs./Ac.
MULCH -- 2 Tons Prairie Hay / Acre

- Install Erosion Control Mat from 1' below the water surface to 18' up the bank.
- Baughman Company will provide staking information at the time of construction.
- Contractor to strip top 3" of soil before mass grading and stockpile. Top soil stockpile to be redistributed over Reserve "A" above water surface.
- Compaction of 95% shall be obtained in all fill areas in street R/W, 90% in all other fill areas.

Existing Grade
Proposed Grade
Silt Fence



WILLOWBEND NORTH ESTATES 2ND ADDITION				
POND PLAN				
WICHITA, KANSAS				
BAUGHMAN COMPANY P.A.				
ENGINEERING, SURVEYING, & PLANNING				
315-282-7271 • 315 ELLIS • WICHITA, KANSAS 67211				
PROJECT NUMBER				
472-83833				
DESIGN	DRAWN	APPROVED	DATE	SCALE
NBW	TMS		08/03	Noted

SHEET 23 OF 27