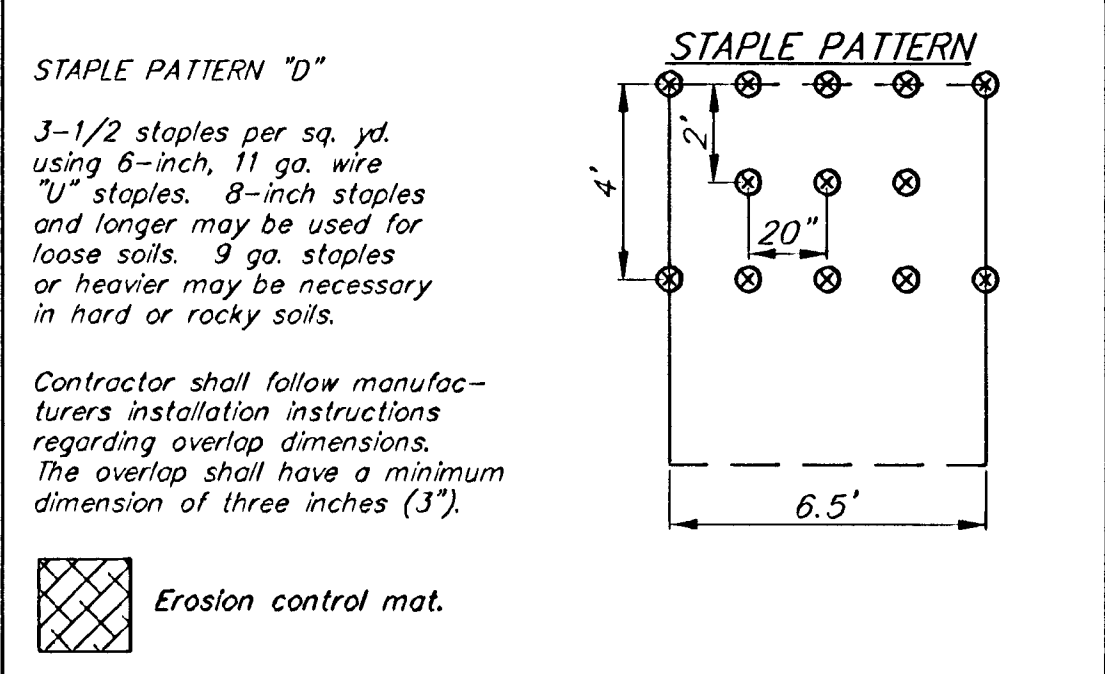
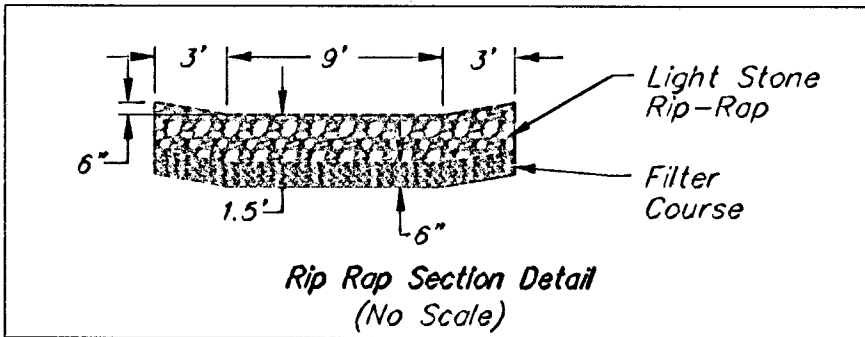
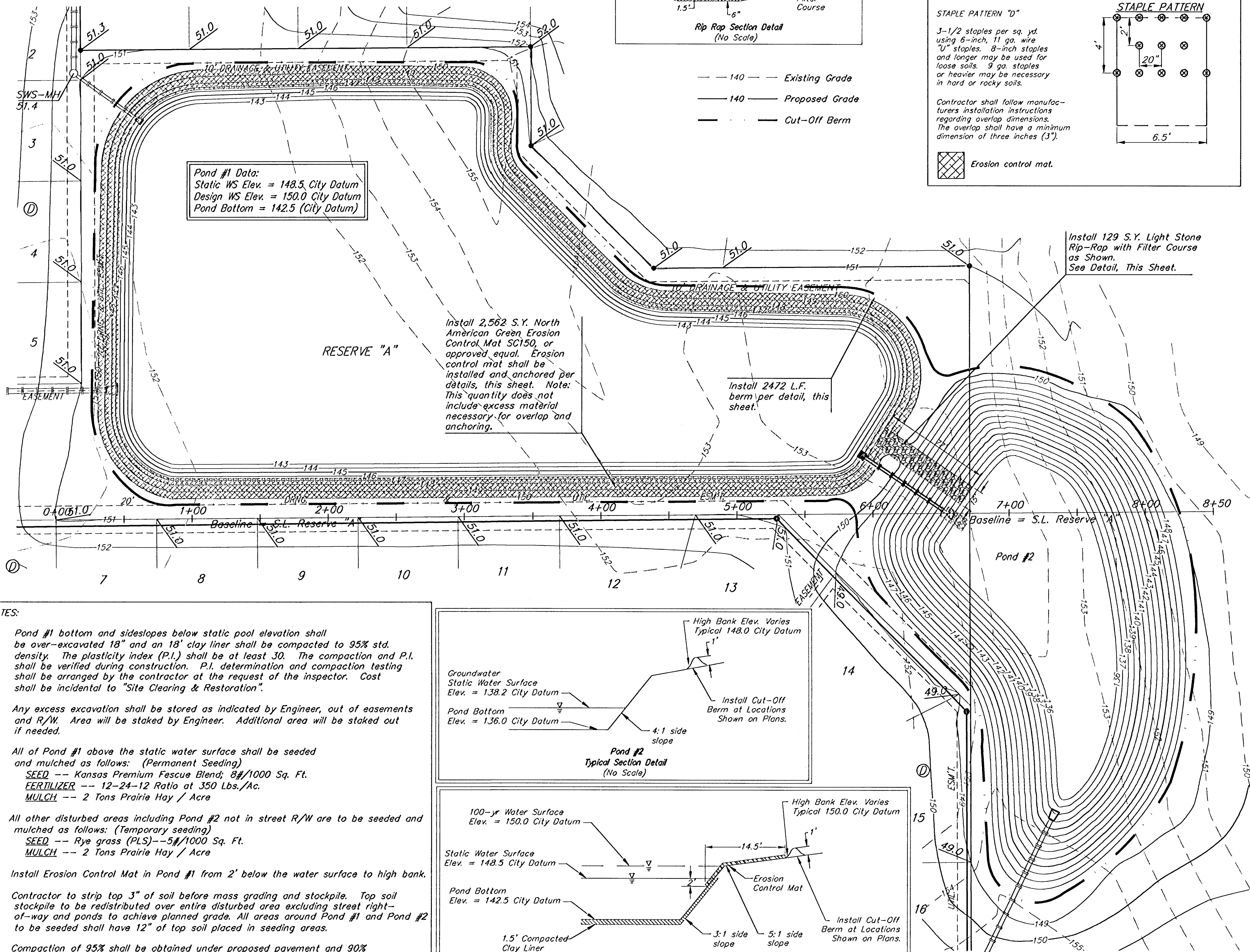


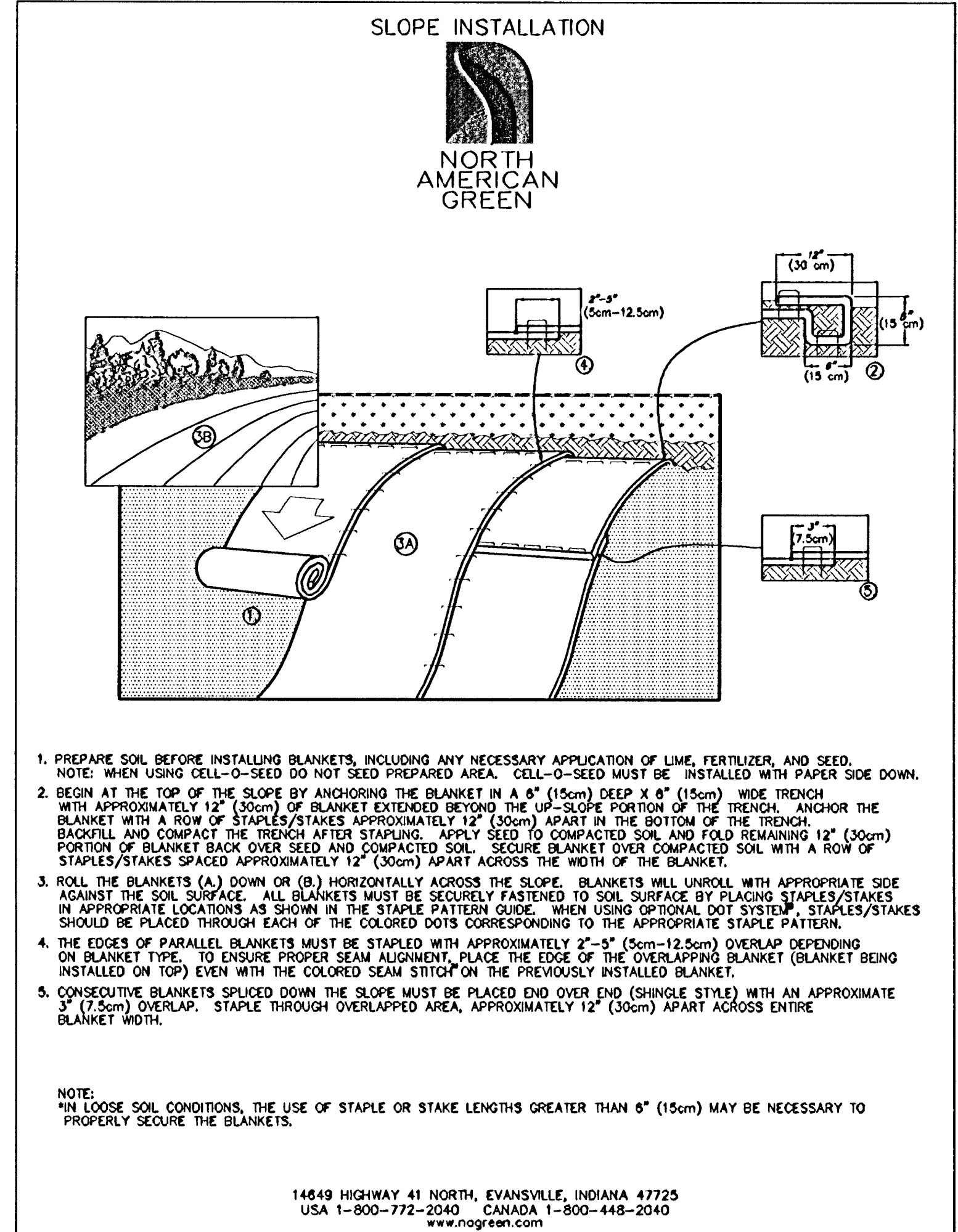


EARTH WORK TOTALS		
	C.Y. Cut	C.Y. Fill
Mass Grading	24,365	65,914
Pond #1	48,880	0
Pond #2	28,820	0
Total	102,065	65,914

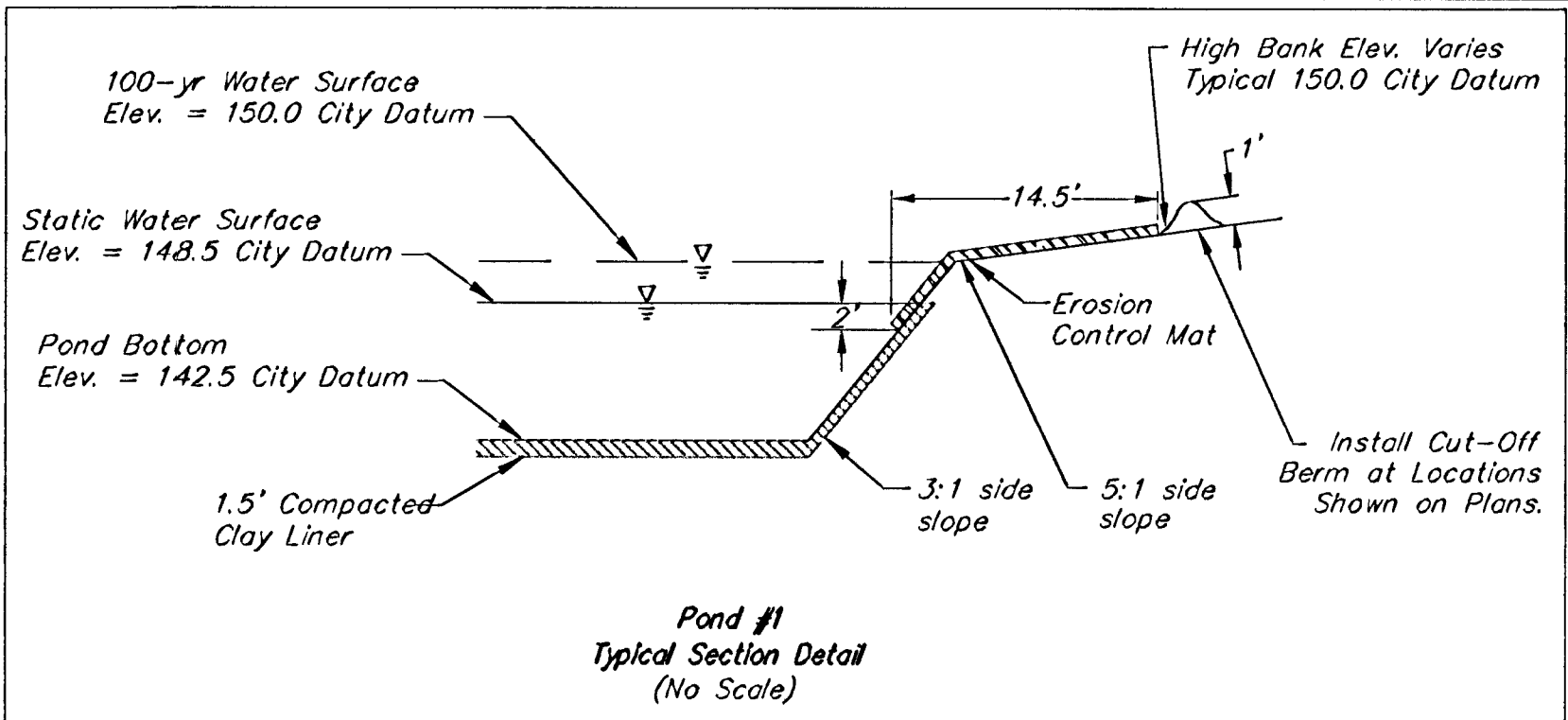
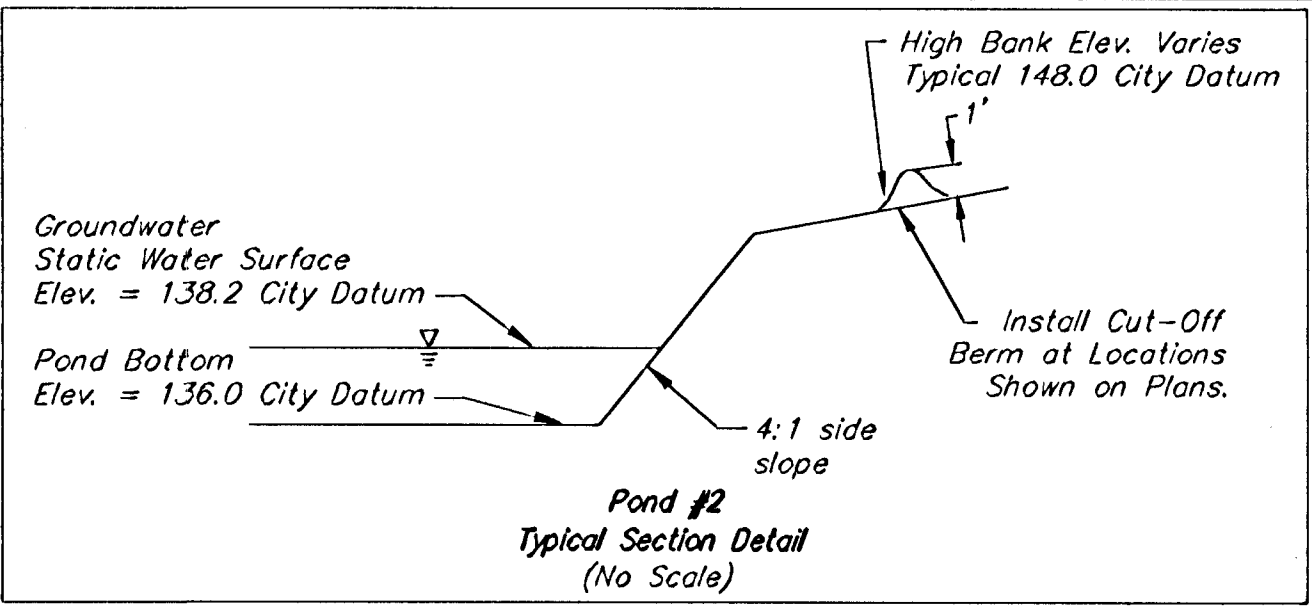
Earthwork quantities are for reference only. All cost associated with mass grading shall be incidental to lump sum bid item "Mass Grading".

- Contractor to strip top 3" of soil before mass grading and stockpile. Top soil stockpile to be redistributed over entire disturbed area excluding street right-of-way and ponds to achieve planned grade.
- Compaction of 95% shall be achieved under future pavement and 90% compaction obtained in all other fill areas.
- It shall be the Contractor's responsibility to protect the sanitary sewer, water distribution system, and storm water sewer during mass grading. Any damage done to these systems by Contractor or subcontractor shall be repaired at no additional cost to the project.

Scale: 1" = 60'



- NOTES:
- Pond #1 bottom and sideslopes below static pool elevation shall be over-excavated 18" and an 18' 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 indicated by Engineer, out of easements and R/W. Area will be staked by Engineer. Additional area will be staked out if needed.
 - All of Pond #1 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 including Pond #2 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
 - Install Erosion Control Mat in Pond #1 from 2' below the water surface to high bank.
 - Contractor to strip top 3" of soil before mass grading and stockpile. Top soil stockpile to be redistributed over entire disturbed area excluding street right-of-way and ponds to achieve planned grade. All areas around Pond #1 and Pond #2 to be seeded shall have 12" of top soil placed in seeding areas.
 - Compaction of 95% shall be obtained under proposed pavement and 90% compaction in all other fill areas.
 - Contractor shall fill Pond #1 with water to static level. All costs and permitting associated with filling the pond shall be incidental to bid item, "Site Clearing & Restoration."



Pond #2 Data:
Groundwater Static
WS Elev. = 138.1 City Datum
Pond Bottom = 136.0 (City Datum)

TYLERS LANDING ADDITION

POND PLAN

WICHITA, KANSAS

BAUGHMAN COMPANY P.A.

ENGINEERING, SURVEYING, & PLANNING

PROJECT NUMBER

488-83679

DESIGN

NBW

DRAWN

AEG

APPROVED

DATE

5/21/03

SCALE

Noted

SHEET

12

OF

32

318-262-7271 • 318-ELIUS • WICHITA, KANSAS 67211

02-11-E462

Slide/Pond