

BENCHMARKS
City of Wichita Dis. SE corner of
29th & Tyler
32.30 ft South of centerline
30.00 ft East of centerline
9.20 ft Southeast of power pole
43.20 ft Southeast of section corner
Elev. = 178.04 (City Datum)
D Cut in top of curb on the West
side of Poplar Ridge SSA south of
Lot 8, Blk. B, Fossil Rim Estates.
Elev. = 174.92 (City Datum)

Install 2,269 S.Y. Contech
Landlok CS2 Erosion Control Mat
or Approved Equivalent (See
Staple Pattern) to be installed
per Manufacturers Directions.
This quantity does not include
excess material necessary for
overlap and anchoring.

Scale: 1" = 30'

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 27. 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 on-site out of easements and R/W, contact Engineer for location. Additional area will be staked out if needed.
- All of Reserves "D", "E", "F", & "G" above the static water surface shall be seeded and mulched as follows: (Permanent Seeding)
SEED -- Kansas Premium Fescue Blend; 8#/1000 Sq. Ft.
FERTILIZER -- 10-20-10 Ratio or 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.
- 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 90% shall be obtained in all fill areas.

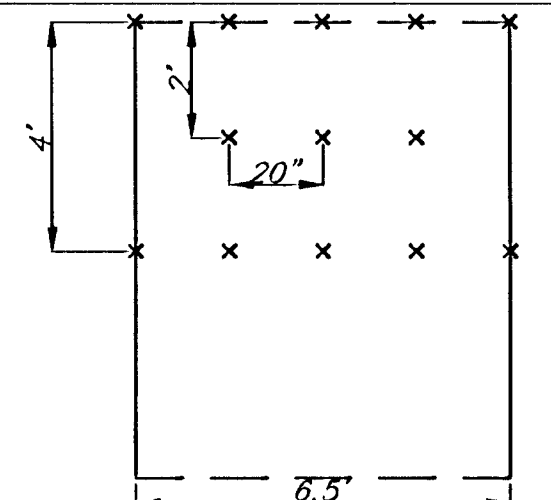
STAPLE PATTERN "D"

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").

 Erosion control mat.

STAPLE PATTERN

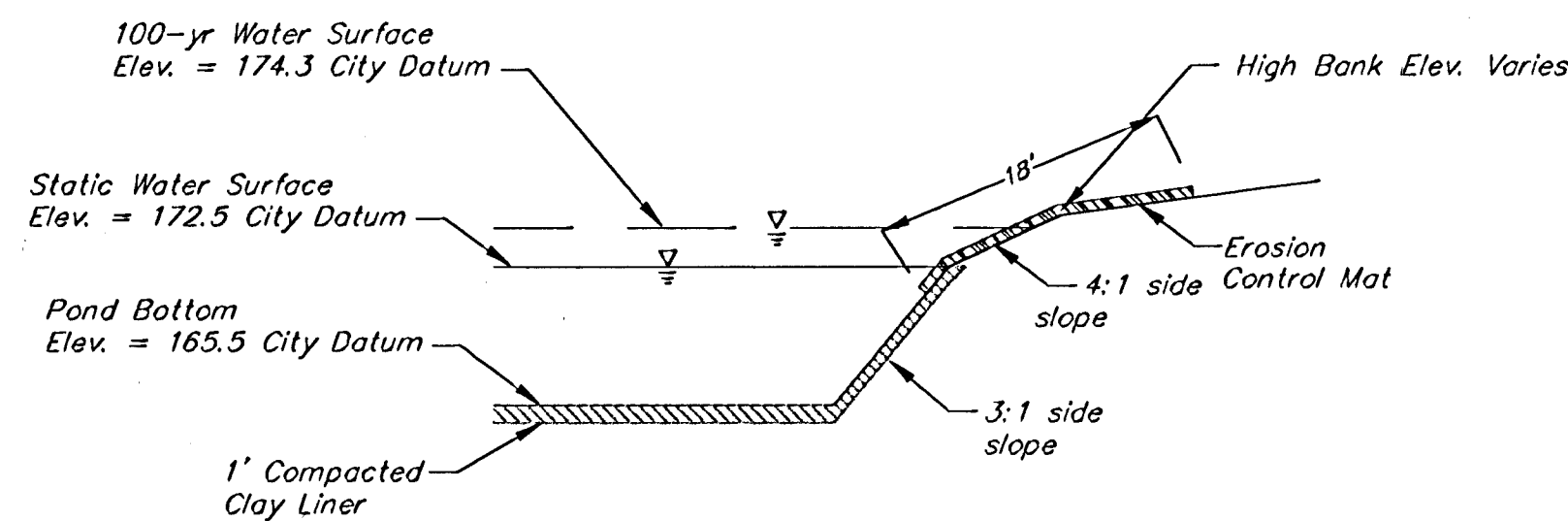


EARTH WORK TOTALS (PONDS)

	C.Y. Cut	C.Y. Fill
Pond #1 Construction	15,276	25
Pond #2 Construction	50,139	0
Pond #3 Construction	7,093	836
Pond #4 Construction	35,847	405
Pond #5 Construction	46,047	2,764
Total Earthwork (Ponds only)	154,402	4,030

Earthwork quantities do not include correction factors and are for reference only. See Mass Grading Plan for quantities related to that bid item.

—(179)— Existing Grade
—179— Proposed Grade
X X X X Silt Fence



Typical Section Detail (Pond #1)
(No Scale)

FOSSIL RIM ESTATES
POND 1
WICHITA, KANSAS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
488-83449

DESIGN NW/SCL DRAWN TMS APPROVED DATE 1/3/03 SCALE Noted

SHEET
25
OF
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