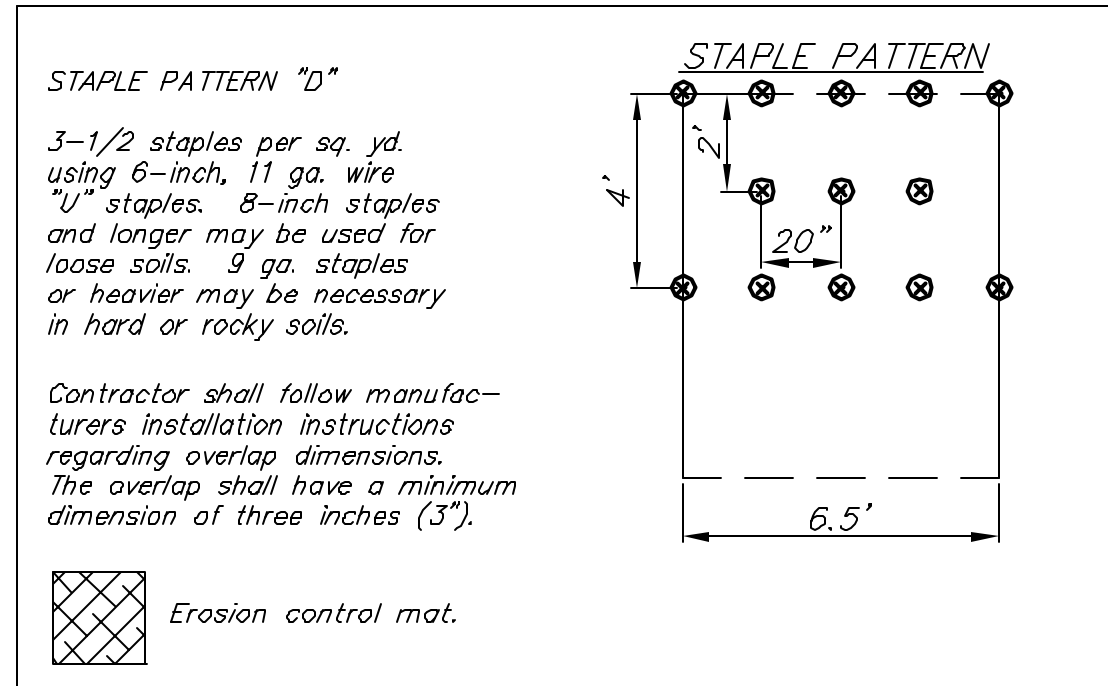


BENCHMARKS:
 City Disc In T.C. Adj. to F.H. 38'
 South of intersection of Onewood
 and Auburn Hills.
 Elev. = 178.48 (City Datum)

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



Grade 615 L.F. Cut Off Trench per detail, this sheet.

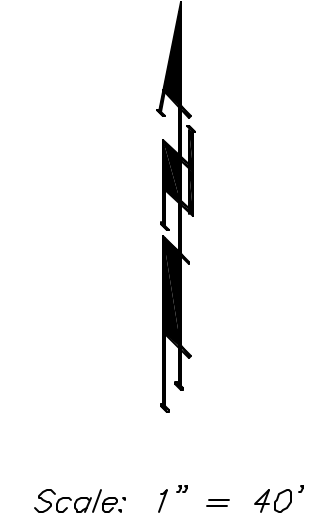
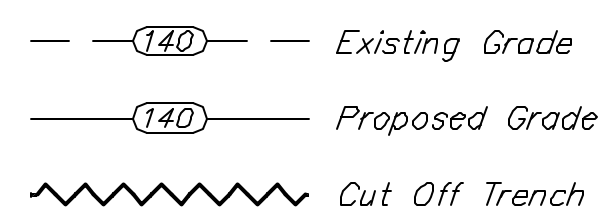
Install 2,316 S.Y. Curlex II, or approved equal. Erosion control mat shall be installed and anchored per details, this sheet. Note: This quantity does not include excess material necessary for overlap and anchoring.

Install 98 S.Y. Heavy Stone Rip-Rap.

Install 1,213 S.Y. Curlex II, or approved equal. Erosion control mat shall be installed and anchored per details, this sheet. Note: This quantity does not include excess material necessary for overlap and anchoring.

Grade 449 L.F. Cut Off Trench per detail, this sheet.

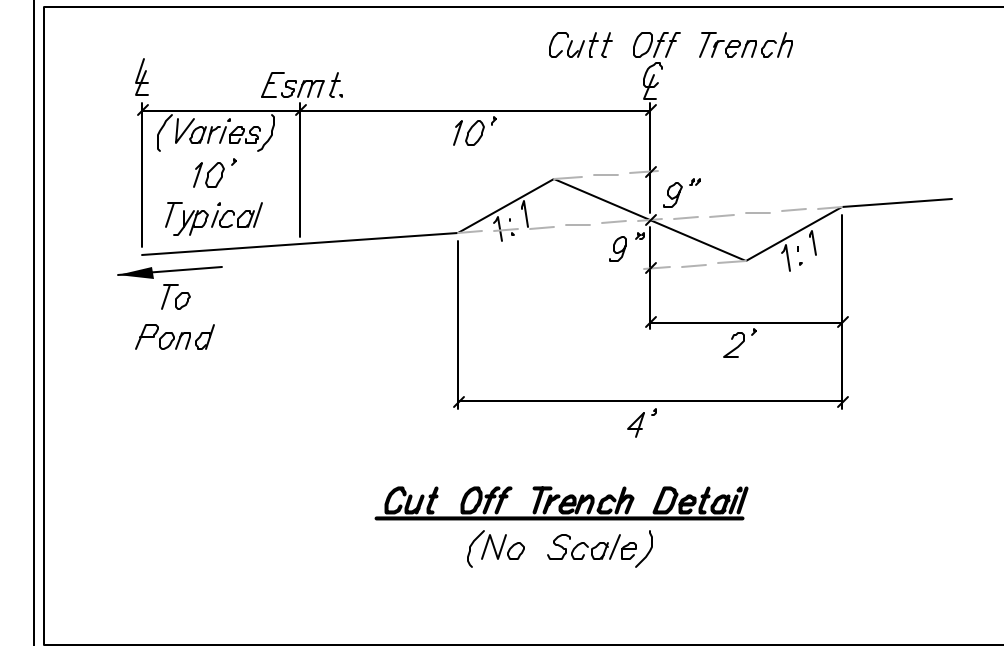
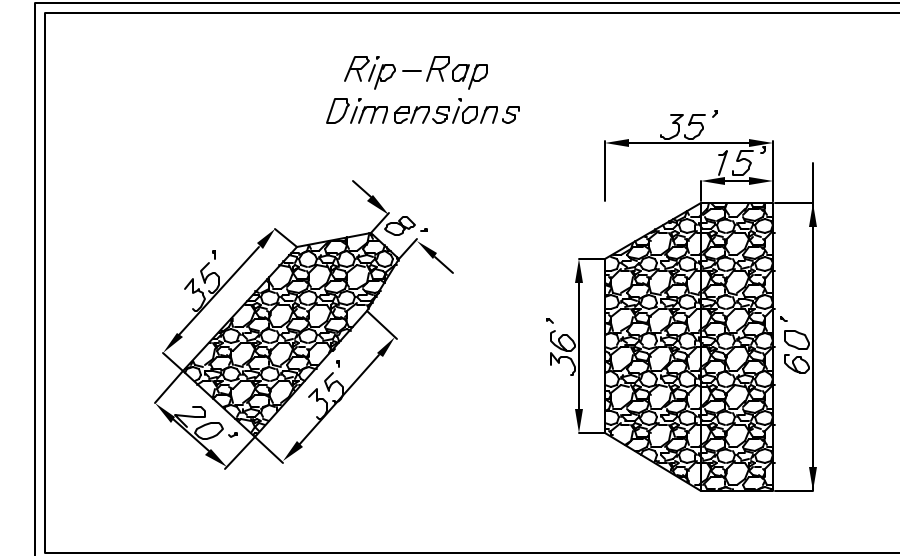
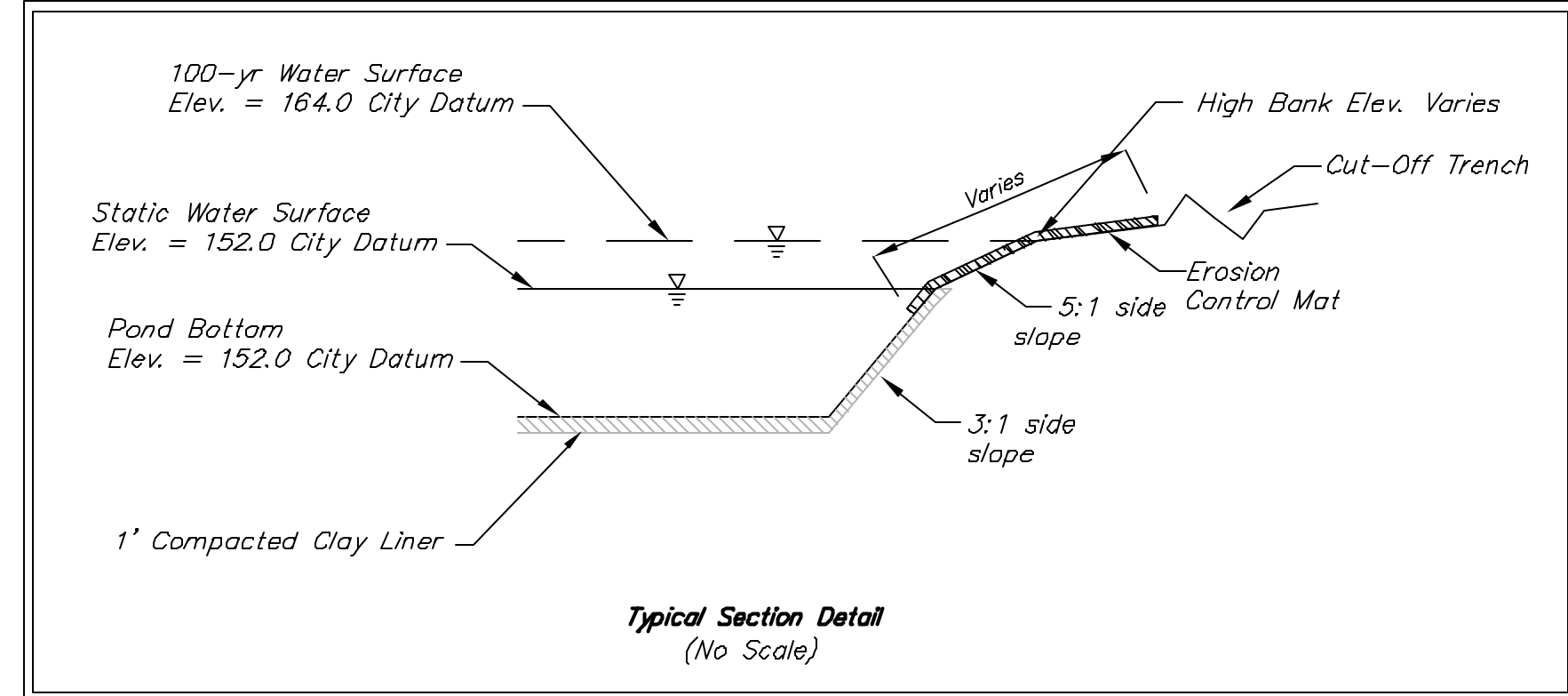
Pond Data:
 Static WS = 159.0
 100-yr WS = 164.0
 Pond Bottom = 152.0



GOERING, PATRICIA L.
 1349 S. 135TH. W.
 WICHITA, KS 67235

NASH, KEVIN L. & FRANCES
 1403 S. 135TH ST. W.
 WICHITA, KS 67235

- 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 25. 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 of testing shall be incidental to "Site Clearing & Restoration." Cost of over-excavation to install Clay Liner shall be incidental to bid item, "Excavation."
 - 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. If Shortage of material occurs,
 - 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 (P.L.S)--5#/1000 Sq. Ft.
 MULCH -- 2 Tons Prairie Hay / Acre
 - 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	23,330	40,211
Pond	17,997	0
Street Quantities	4,687	5,318
Total	46,014	45,529

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 mass grading shall be incidental to lump sum bid item "Mass Grading".
 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".

AUBURN HILLS 15TH ADDITION
POND PLAN
 CITY OF WICHITA, KS

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

PROJECT NUMBER
472-83930

DESIGN NBW DRAWN ATD APPROVED DATE 2/04 SCALE NOTED

SHEET **18** OF **48**