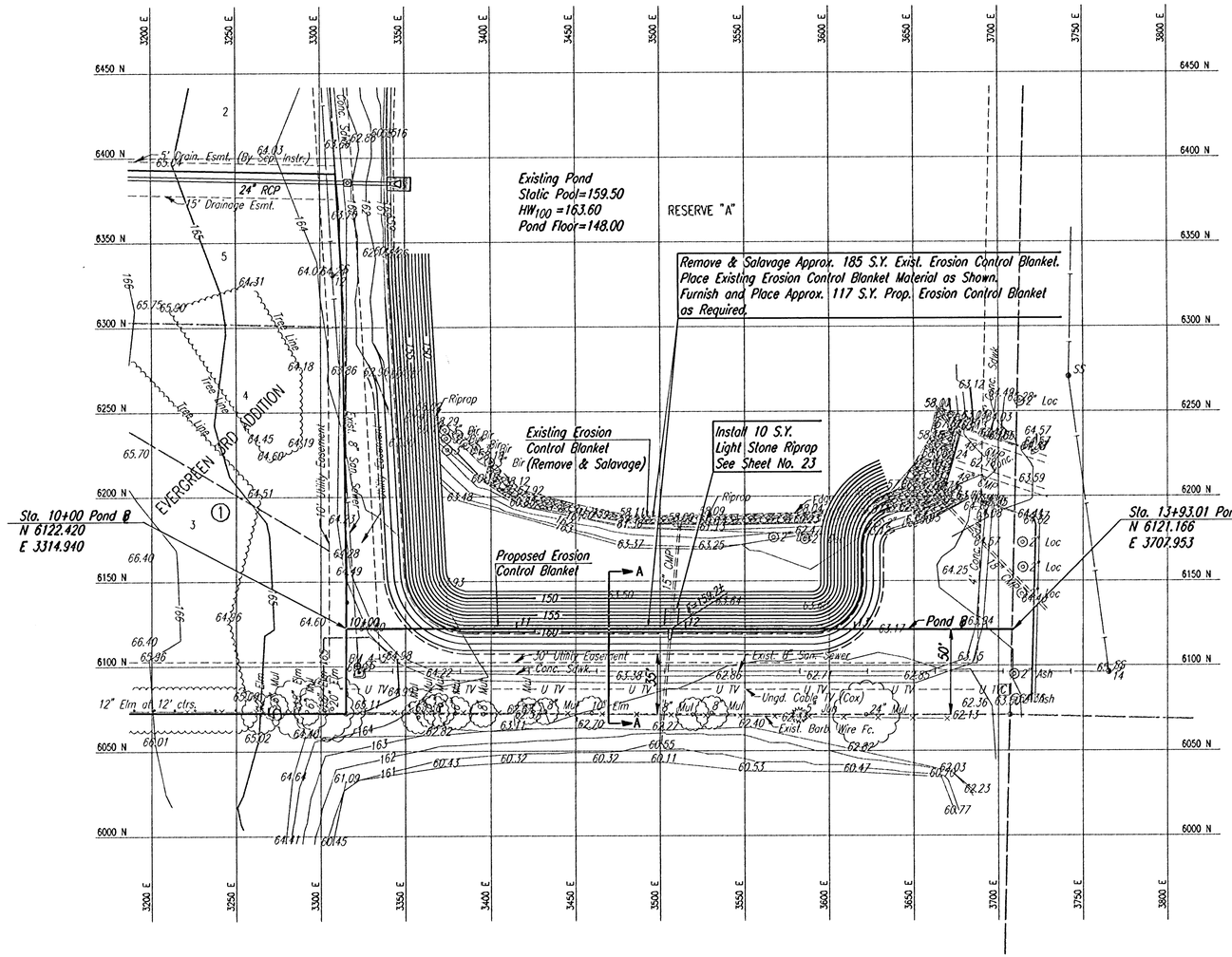
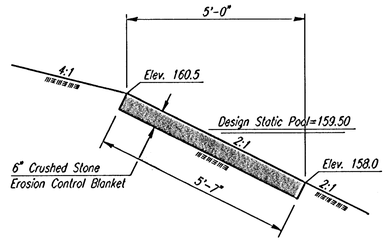
PROJECT NO.	SHEET NO.	TOTAL SHEETS
472-83256	28	54



SCALE: 1"=40'



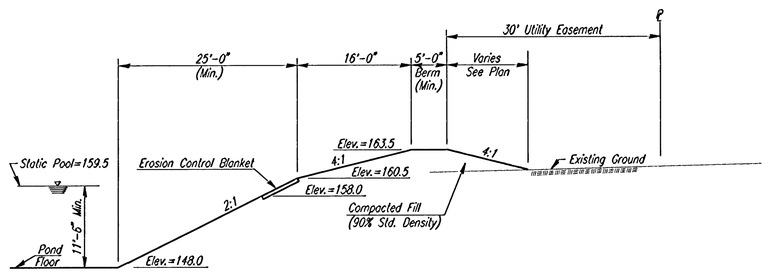
EROSION CONTROL BLANKET DETAIL

NOTES

CRUSHED STONE FOR THE EROSION CONTROL BLANKET SHALL BE COMMERCIALLY AVAILABLE 5" x 9" CRUSHED STONE FOR RIPRAP. MATERIALS SHALL MEET THE REQUIREMENTS FOR QUALITY AND DELETERIOUS SUBSTANCES AS SET FORTH IN SUBSECTION 1116.02 (d)(2) THROUGH 1116.02 (d)(3.1) OF STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION, KANSAS DEPARTMENT OF TRANSPORTATION, 1990 EDITION.

PAYMENT FOR 6" EROSION CONTROL BLANKET SHALL BE PER SQUARE YARD IN PLACE.

New Material paid for at Contractor Unit Price Bid for Erosion Control Blanket. Remove & Salvage Shall be Considered Incidental to the Price Bid for "Site Clearing".



SECTION A-A

Horizontal Geometric Control for Ponds may be scaled from this drawing using the grid shown.

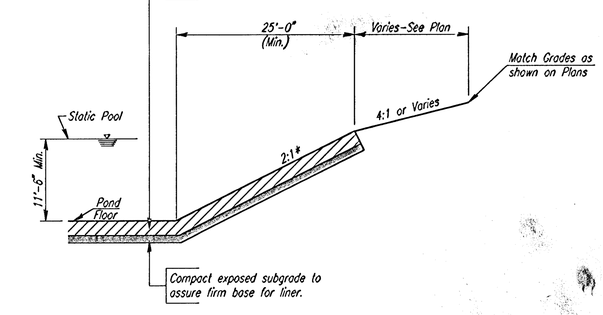
POND SEALING NOTES:

THE POND AREAS SHALL BE OVEREXCAVATED TO A DEPTH OF ONE FOOT BELOW THE FINAL POND FLOOR. THE OVEREXCAVATED MATERIAL SHALL BE STOCKPILED FOR RE-USE, UTILIZED IN PROJECT EMBANKMENTS, OR WASTED ON SITE. OVEREXCAVATED AREAS TO RECEIVE FOUNDATION TREATMENT IN ACCORDANCE WITH SECTION 210.02 (B) OF THE SPECIFICATIONS. BACKFILL OVEREXCAVATED AREA WITH PROJECT AREA CLAY MATERIAL AND COMPACT TO TYPE B (MR-0) IN MAXIMUM 6-INCH LIFTS. NO SHALE PERMITTED IN THIS ZONE. SEE DETAIL FOR CLAY LINER (SEAL) AT RIGHT.

AS SOON AS POSSIBLE AFTER COMPLETION OF FOUNDATION TREATMENT, POND CONTRACTOR SHALL FILL PONDS WITH WATER TO STATIC POOL ELEVATION SHOWN ON THE PLANS TO PREVENT RUNOFF EROSION OF SIDE SLOPES. WATER TO BE FURNISHED BY THE CONTRACTOR.

POND SEALING, AS DESCRIBED HEREIN, SHALL BE MEASURED AND PAID FOR BY THE LUMP SUM. THE LUMP SUM BID FOR "POND SEALING" SHALL BE CONSIDERED FULL COMPENSATION FOR ALL OVEREXCAVATION, STOCKPILING, DOUBLE HANDLING OF EARTHWORK (IF NECESSARY), COMPACTING, WATER, FINAL FILLING OF POND, CORRECTION OF LEAKAGE AS DIRECTED BY THE ENGINEER, AND FOR ALL TOOLS, LABOR, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

1. Construct 12 inches clay liner.
2. On-site high plasticity clay may be used.
3. Construct liner in two 6-inch lifts.
4. Compact to 95% of Standard Proctor Density (ASTM D-698).
5. Control moisture within minus 3 to plus 3% of optimum moisture content.



CLAY LINER CONSTRUCTION PROCEDURE FOR POND SEALING

* CONTRACTOR SHALL CHANGE THIS SLOPE TO 3:1 WHEN EXCAVATION IS INTO SAND AS DIRECTED BY THE ENGINEER.

THE TOP 4" OF ALL FILL AREAS (ABOVE STATIC POOL) WITHIN RESERVE "A" AND ADJACENT UTILITY EASEMENTS (AS SHOWN ON PLANS) SHALL BE COMPOSED OF TOPSOIL, ALSO, THRU CUTS (ABOVE STATIC POOL), OVEREXCAVATE 4" AND REPLACE WITH TOPSOIL. TOPSOIL SHALL BE MATERIAL SALVAGED FROM THE SITE. THIS WORK SHALL BE SUBSIDIARY TO THE RESPECTIVE BID ITEMS, "EXCAVATION" OR "COMPACTED FILL (90% STD. DENSITY)".

No.	Revisions	By	Date
1			

EVERGREEN-PHASE 4
CITY OF WICHITA, KANSAS

POND EXPANSION

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	BER	Checked by	
Drawn by	BJS	Date AUG. 2002	Job No. 02397

i:2002/02397/pondexp.dgn
Date Plotted: Oct. 31, 2002
Deliver To: Bill Sexson