

GENERAL NOTES

- ALL ELEVATIONS SHOWN ARE CITY DATUM.
- AT LEAST 72 HOURS PRIOR TO BEGINNING ANY EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS), THE CONTRACTOR SHALL CONTACT THE KANSAS ONE-CALL SYSTEM, A UTILITY LOCATION SERVICE, AT (316) 687-2470 TO REQUEST THE LOCAL UTILITY COMPANIES TO LOCATE ANY EXISTING LINES WITHIN THE PROJECT AREA.
- THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

MULTIMEDIA CABLEVISION	262-0661 OR 262-4270
KGE - GAS DIVISION	832-3169 OR 832-3168
KGE - ELECTRICAL DIVISION	264-1141
PEOPLES NATURAL GAS	945-0096
SOUTHWESTERN BELL TELEPHONE COMPANY	1800-734-7590
CITY OF WICHITA WATER DEPARTMENT	268-4808
CITY OF WICHITA SEWER DEPARTMENT	268-4908
- THE CONTRACTOR IS TO VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION OF THE PROJECT.
- EASEMENTS AND RIGHTS-OF-WAY PROVIDED BY THE OWNER FOR THE PROJECT ARE SHOWN IN THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACQUISITION OF ANY ADDITIONAL TEMPORARY CONSTRUCTION EASEMENTS OR RIGHT-OF-WAY THAT HE DESIRES TO USE IN COMPLETING THE WORK.
- POSITIVE DRAINAGE SHALL BE PROVIDED FOR ALL AREAS ON OR NEAR SPOIL AREAS. NATURAL DRAINAGE WAYS SHALL BE MAINTAINED.
- ANY EXCESS EXCAVATION WHICH IS TO BE WASTED, SHALL BE DISPOSED OF ON SITES PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE, AND SITE LOCATION, AND SHALL BE DISPOSED OF IN ACCORDANCE WITH THE PROVISIONS OF THE KANSAS SOLID WASTE MANAGEMENT STATUTES AND REGULATIONS (KSA 65-1401, KAR 28-25-1 ET SEQ).
- THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH THE PROPOSED CONSTRUCTION.
- ALL AREAS DISTURBED BY CONSTRUCTION INCLUDING STAGING AREAS, SHALL BE REPLANTED WITH FESCUE, AT THE FOLLOWING RATES:

SEED APPLICATION	= 1 LB/1,000 SQ. FT.
FERTILIZER APPLICATION (N-P-K)	= 12-24-12
MULCH - PRAIRIE GRASS	
MULCH APPLICATION	= 90 LBS/1,000 SQ. FT.
- EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST AVAILABLE INFORMATION. IT SHOULD BE NOTED THAT OTHER BURIED LINES AND CABLE MAY EXIST WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING TRENCHING OPERATIONS TO AVOID DAMAGING THESE LINES AND CABLES. ANY UTILITIES DAMAGED SHALL BE REPLACED OR REPAIRED IMMEDIATELY AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL PROTECT FROM DAMAGE AND SUPPORT EXISTING UTILITIES THROUGHOUT CONSTRUCTION AS APPROVED BY THE UTILITY OWNER AND THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING EXISTING PROPERTY IRONS AND RIGHT-OF-WAY MONUMENTS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS OR RIGHT-OF-WAY MONUMENTS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS OR MONUMENTS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
- EACH BIDDER SHALL VISIT THE SITE OF THE PROJECT BEFORE SUBMITTING THE PROPOSAL FOR THIS WORK SO THAT HE WILL BE FULLY INFORMED OF THE EXISTING FIELD CONDITIONS AND THE OBSTACLES WHICH MIGHT BE ENCOUNTERED. UPON AWARD OF THE CONTRACT, THE CONTRACTOR WILL NOT BE GRANTED ANY ADDITIONAL COMPENSATION WITH REGARD TO TIME AND MONEY FOR CONDITIONS THAT MAY HAVE BEEN EVALUATED DURING ANY INSPECTION OF THE SITE.
- TREES AND SHRUBS WHICH ARE IN DIRECT CONFLICT WITH PROPOSED CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE OWNER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.

EARTHWORK NOTES:

- PRIOR TO PLACING FILL IN PROPOSED BUILDING AND DRIVE AREAS, ALL AREAS TO RECEIVE FILL SHALL BE PROOF ROLLED WITH LOADED DUMP TRUCK. ALL SOFT AREAS SHALL BE UNDERCUT TO FIRM SOILS AND BACKFILLED WITH COMPACTED FILL AS INDICATED BELOW.
- THE CONTRACTOR SHALL STRIP ALL VEGETATION AND OTHER OBJECTIONABLE MATERIAL FROM ALL AREAS OF ORIGINAL GROUND, INCLUDING DEMOLITION DEBRIS, STONES, LOGS, STUMPS, ROOTS, AND OTHER FOREIGN AND UNSUITABLE MATERIALS.
- SUITABLE SOIL MATERIALS FOR FILL SHALL BE FREE FROM ORGANIC CONTAMINANTS, WEIGH MORE THAN 90 LBS./CU.FT. (LABORATORY DRY WEIGHT DENSITY, FREE OF ORGANICS AND OBJECTIONABLE MATERIALS) AND CAPABLE OF BEING COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698.
- COMPACTION OF BACKFILL MATERIAL UNDER STRUCTURES SHALL BE IN 6-INCH LIFTS TO 95% STANDARD DENSITY IN CONFORMANCE WITH ASTM D698. EACH SUCCESSIVE LIFT SHALL CONTAIN ONLY THAT AMOUNT OF SOIL MATERIAL TO INSURE UNIFORM COMPACTION, NOT TO EXCEED 6-INCHES OF COMPACTION DEPTH. A LICENSED GEOTECHNICAL ENGINEER SHALL DETERMINE MOISTURE CONTENT AT WHICH MAXIMUM COMPACTION AND TESTING.

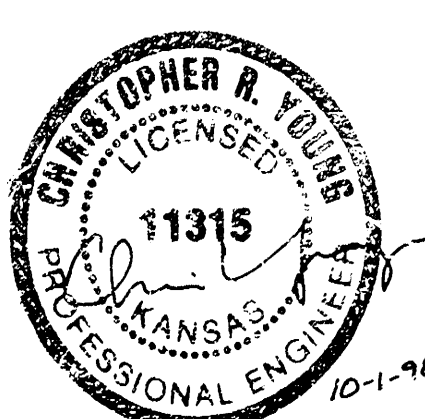
CITY OF WICHITA PRIVATE PROJECT NO. 845FPS (607861)

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

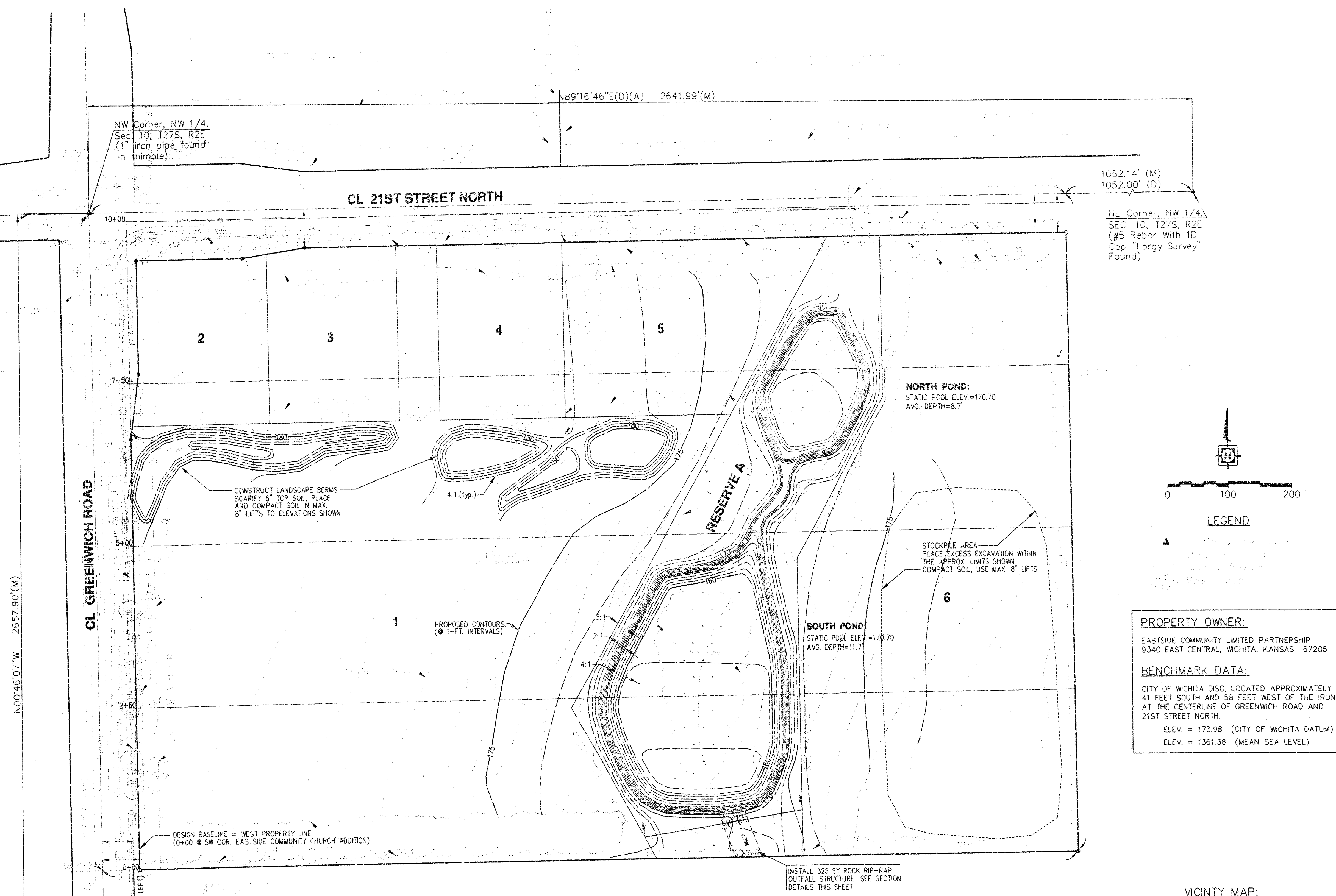
SANITARY SEWERS _____
STORM SEWERS VRH 10/6/98
DRIVEWAYS/APPROACHES _____
WATER MAINS _____
PAVING _____

NOTE TO CONTRACTORS

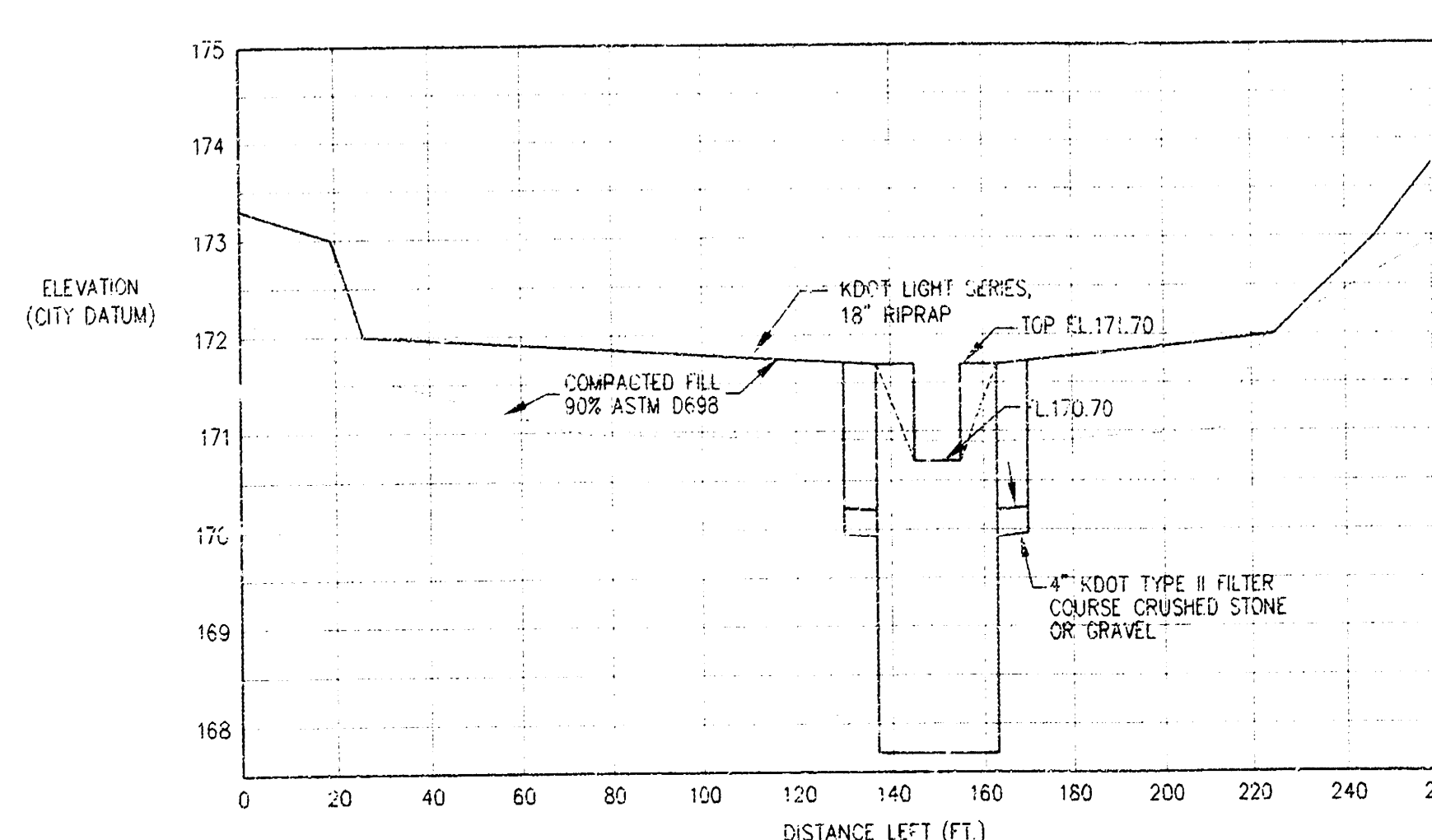
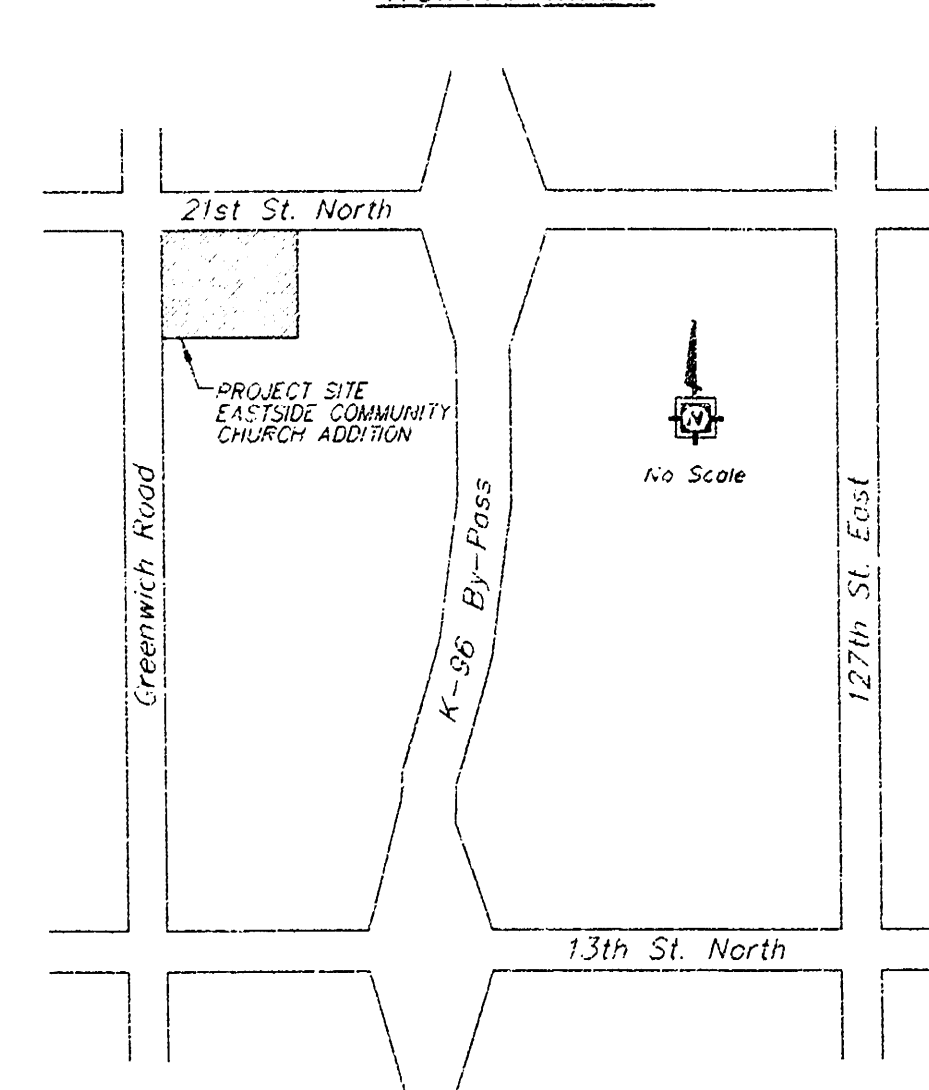
PUBLIC PROPERTY: INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE RECORDS OF THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER. ALL CONSTRUCTION AND MATERIALS SHALL COMPLY WITH THE CITY OF WICHITA SPECIFICATIONS AND STANDARDS (ON FILE AND AVAILABLE IN THE CITY ENGINEER'S OFFICE).



YOUNG & ASSOCIATES, P.A. 1001 N. W. 10th St., Suite 200 Wichita, Kansas 67202	
City of Wichita Sedgwick County, Kansas	
DETENTION / RETENTION POND SITE PLAN AND GENERAL NOTES	
Eastside Community Church Addition	
Project No. 97-041-115 Date: 9/30/98 Topo Survey: 3/31/97	Engr.: CRY Tech.: DAS, DIM Sheet No. 1 of 3



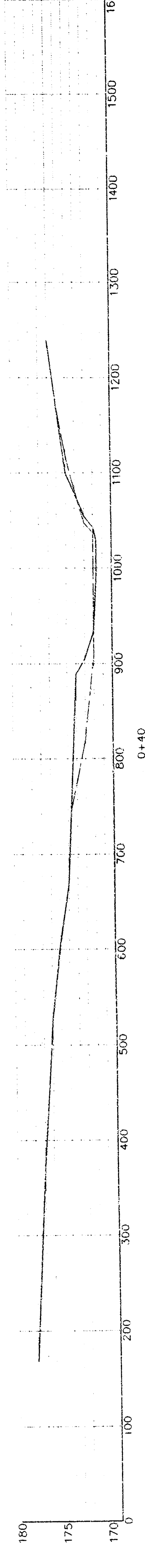
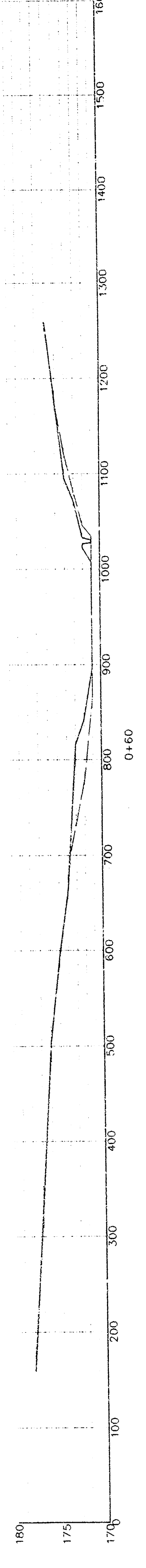
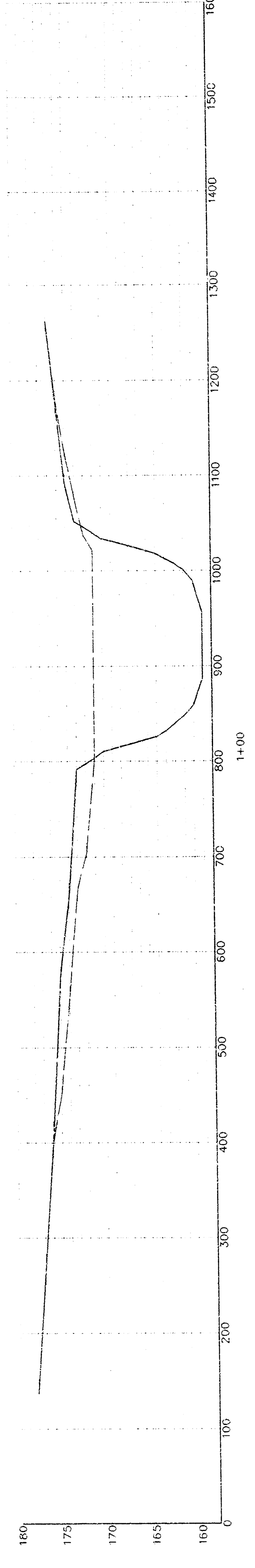
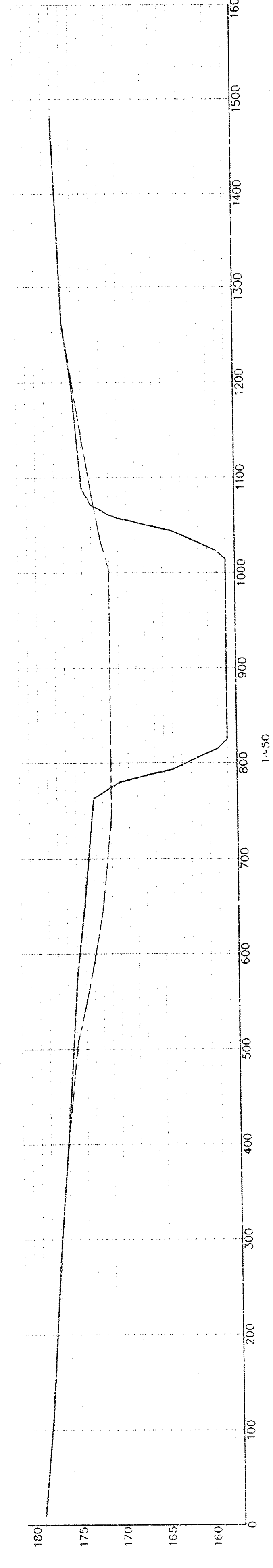
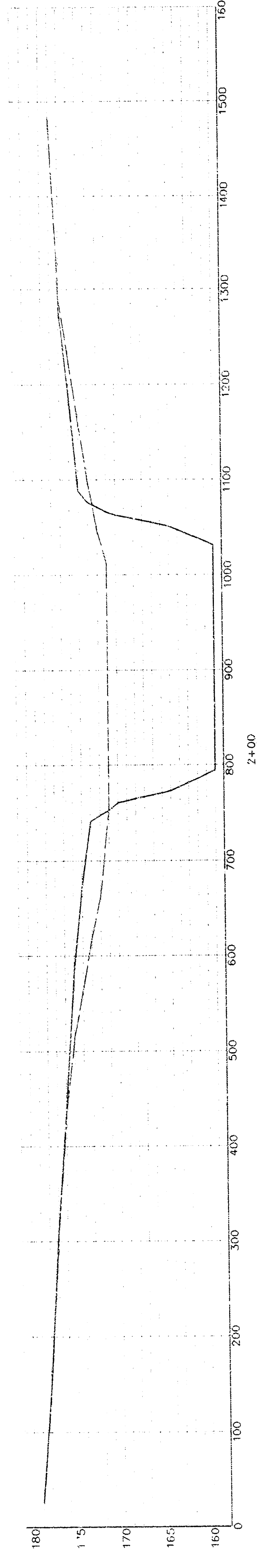
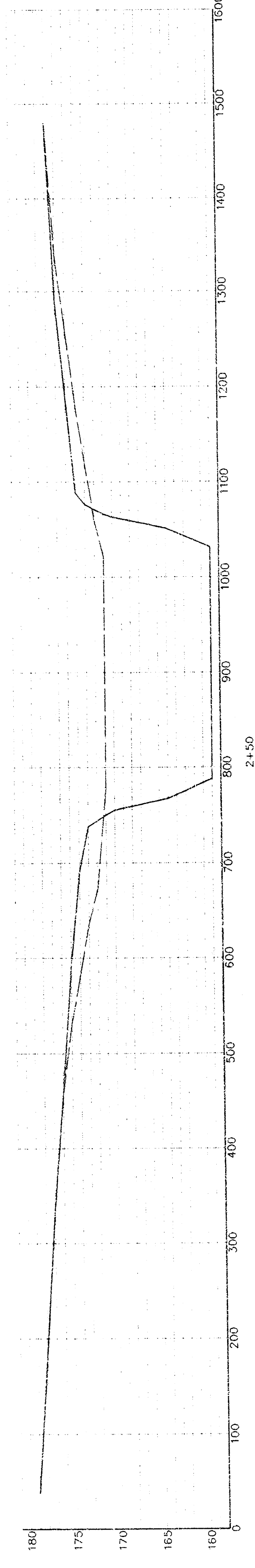
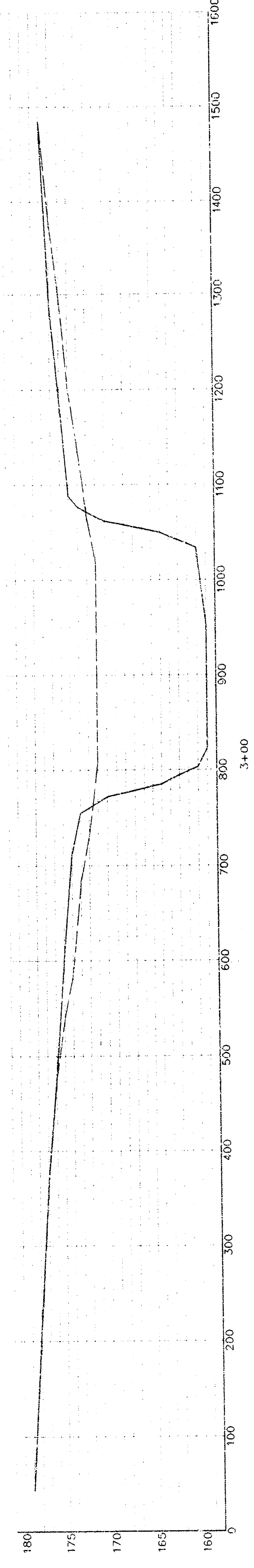
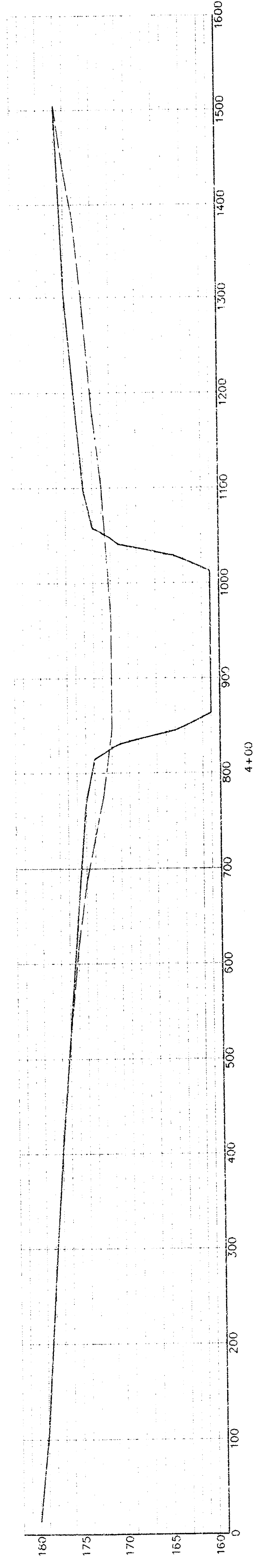
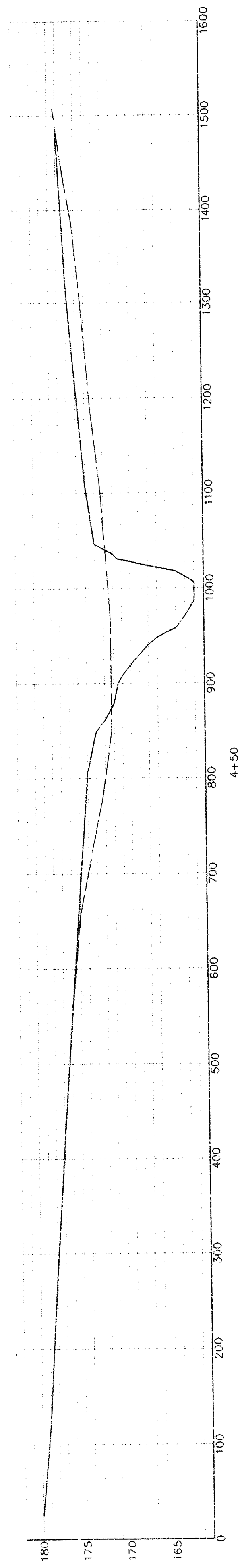
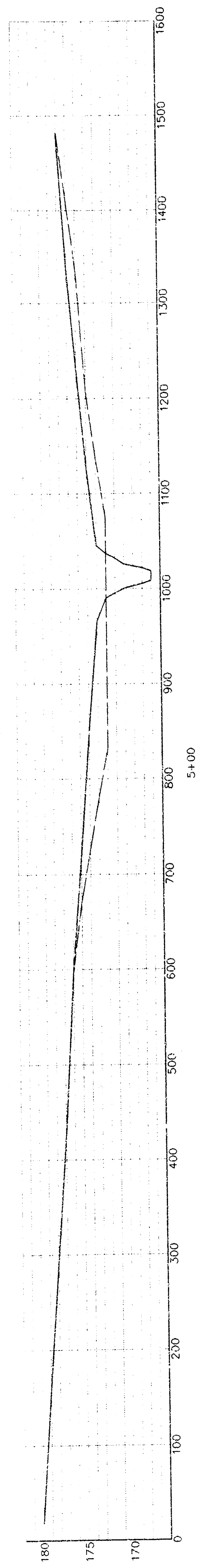
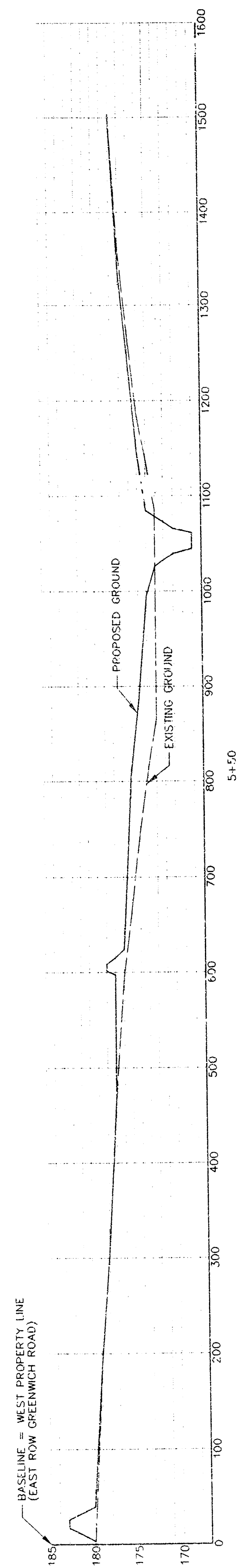
VICINITY MAP:



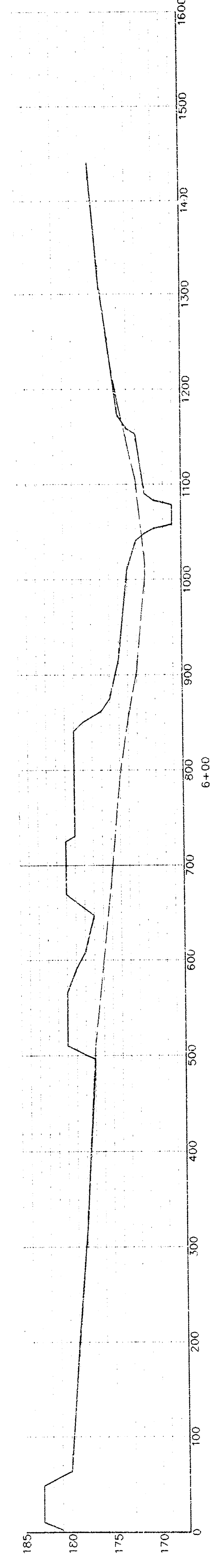
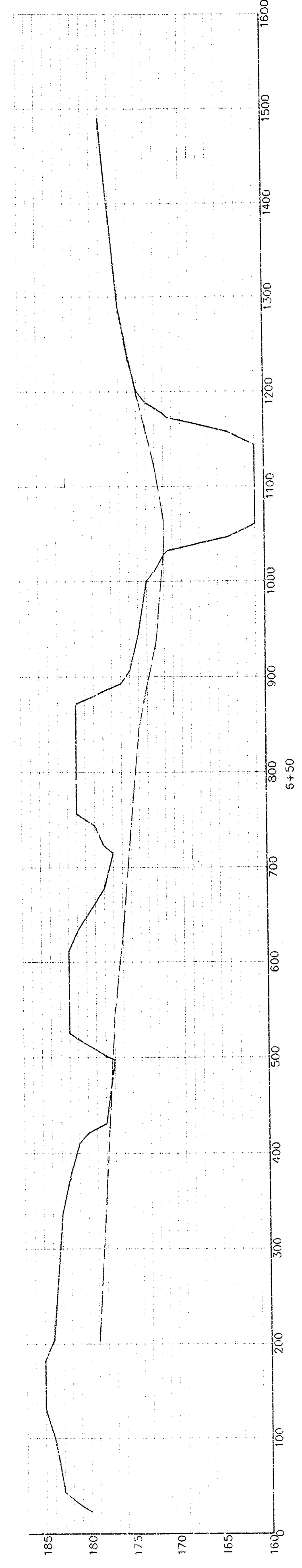
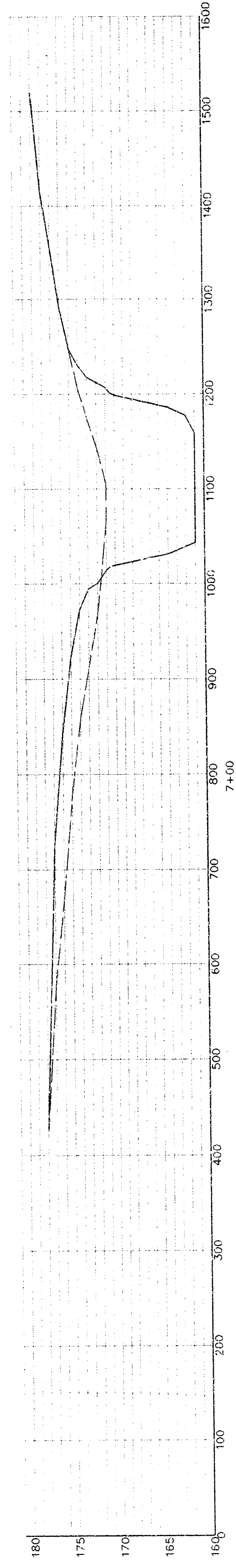
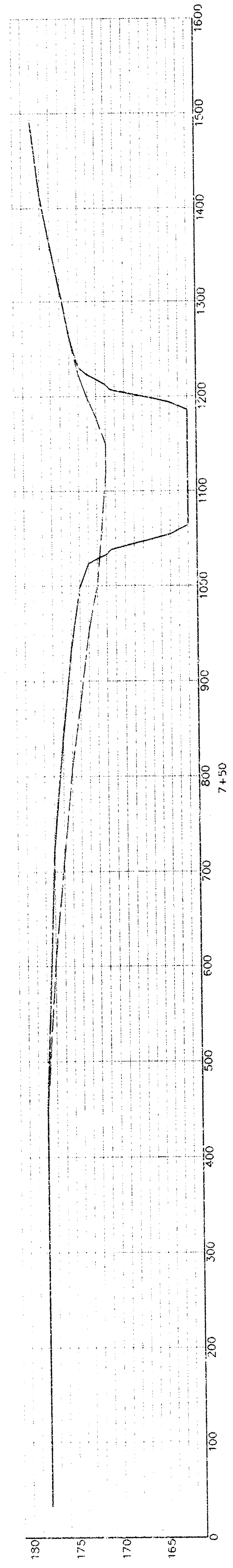
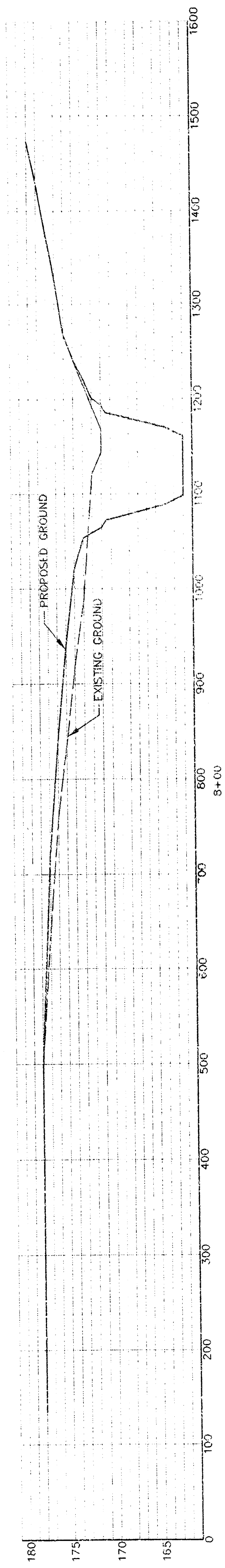
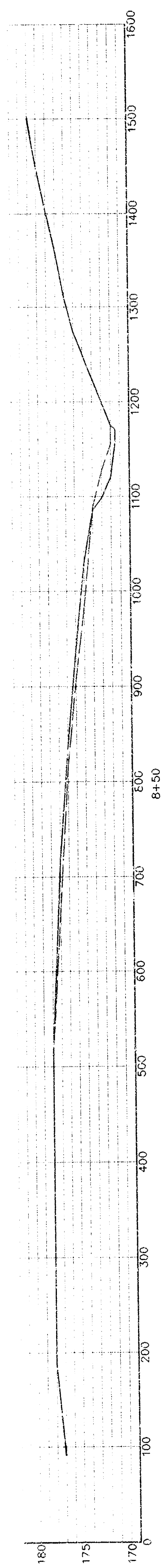
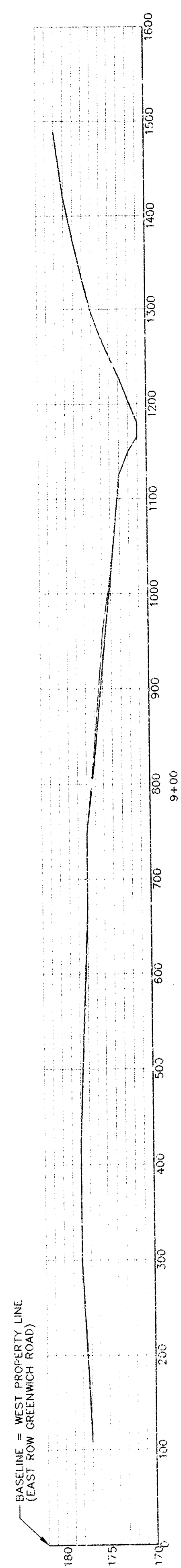
OUTFALL STRUCTURE SECTION

	SURFACE AREA (Sq.-Ft.)	AVG. END AREA (Sq.-Ft.)	AVG. VOLUME (Cu.-Ft.)	ACCUMULATED POND VOLUME (Cu.-Ft.)
170.75	141500	144585	0	0
171.00	147870	149072	36171	36171
171.25	150275	151480	37268	73439
171.50	152685	153893	37870	111309
171.75	155102	156350	38473	150782
172.00	156199	156950	40162	190944
172.25	156632	157415	41854	231798
172.50	157073	157852	42453	274251
172.75	157521	158287	43074	317325
173.00	158040	158780	43195	362520
173.25	158891	159465	47366	409886

DETENTION POND
STAGE VS. STORAGE TABLE



YOUNG & ASSOCIATES, P.A. INCORPORATED IN THE STATE OF NEW YORK	
CROSS-SECTIONS	
Eastside Community Church Addition	
Project No.: 97-041-115 Date: 9/30/98 Topo Survey: 3/31/97	Engr.: CRY Tech.: DAS, DIM Sheet No. 2 of 3



YOUNG & ASSOCIATES, P.A. INCORPORATED IN THE STATE OF NEW YORK	
CROSS-SECTIONS	
Eastside Community Church Addition	
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