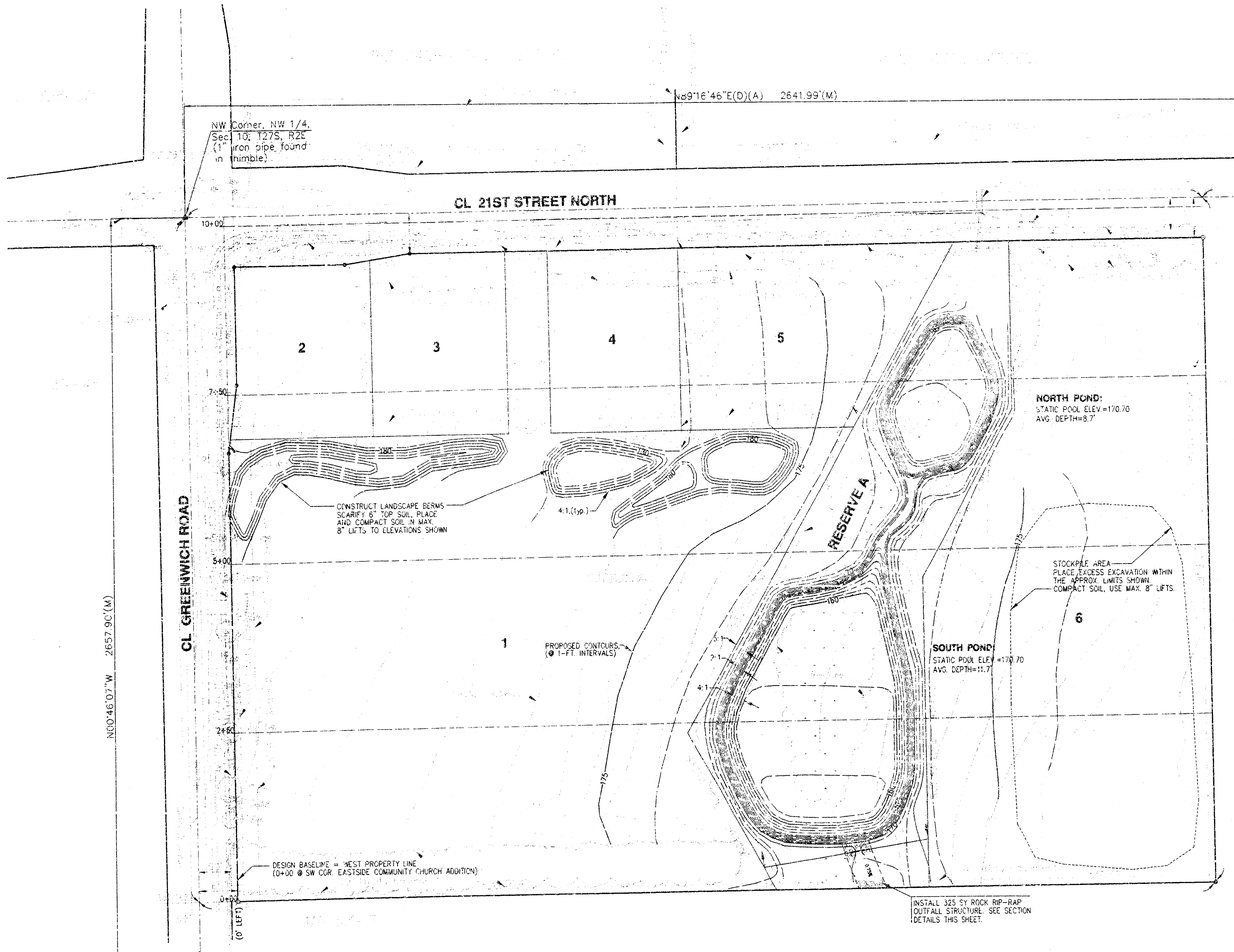


LEGEND

PROPERTY OWNER:

EASTSIDE COMMUNITY LIMITED PARTNERSHIP
9350 EAST CENTRAL, WICHITA, KANSAS 67206

BENCHMARK DATA:

CITY OF WICHITA DISC, LOCATED APPROXIMATELY 41 FEET SOUTH AND 58 FEET WEST OF THE IRON AT THE CENTERLINE OF GREENWICH ROAD AND 21ST STREET NORTH.

ELEV. = 173.98 (CITY OF WICHITA DATUM)
ELEV. = 1361.38 (MEAN SEA LEVEL)

GENERAL NOTES

1. ALL ELEVATIONS SHOWN ARE CITY DATUM.
3. 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.
4. THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

MULTIMEDIA CABLEVISION	262-0681 OR 262-4270
KGE - GAS DIVISION	832-3169 OR 832-3168
KGE - ELECTRICAL DIVISION	264-1141
PEOPLES NATURAL GAS	946-0096
SOUTHWESTERN BELL TELEPHONE COMPANY	(800)-734-7590
CITY OF WICHITA WATER DEPARTMENT	268-4508
CITY OF WICHITA SEWER DEPARTMENT	268-4908

5. THE CONTRACTOR IS TO VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION OF THE PROJECT.
6. 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.
7. POSITIVE DRAINAGE SHALL BE PROVIDED FOR ALL AREAS ON OR NEAR SPOIL AREAS. NATURAL DRAINAGE WAYS SHALL BE MAINTAINED.
8. 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, APPEARENCE, AND SITE LOCATION, AND SHALL BE DISPOSED OF IN ACCORDANCE WITH THE PROVISIONS OF THE KANSAS SOLID WASTE MANAGEMENT STATUTES AND REGULATIONS (KSA 65-3401, KAR 28-29- 1 ET SEQ.)
9. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH THE PROPOSED CONSTRUCTION.
11. 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 HAY
    MULCH APPLICATION = 90 LBS/1,000 SQ. FT.

12. 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 THROUGH CONSTRUCTION AS APPROVED BY THE UTILITY OWNER AND THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
13. 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.
22. 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 REGARDS TO TIME AND MONEY FOR CONDITIONS THAT MAY HAVE BEEN EVALUATED DURING ANY INSPECTION OF THE SITE.
23. TREES AND SHURBS 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:

1. 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.
2. 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.
3. 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.
4. 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 COMPACTED DEPTH. A LICENSED GEOTECHNICAL ENGINEER SHALL DETERMINE MOISTURE CONTENT AT WHICH MAXIMUM COMPACTION AND TESTING.

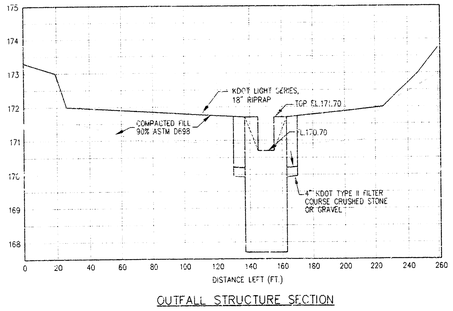
CITY OF WICHITA PRIVATE PROJECT NO. 845/PS (607861)

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 UPON AS 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).

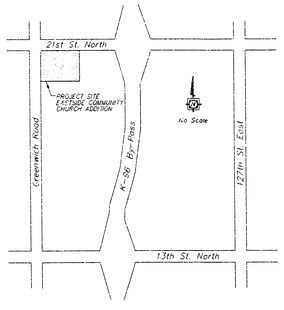


OUTFALL STRUCTURE SECTION

ELEV.	SURFACE AREA (Sq.-Ft.)	AVG. END AREA (Sq.-Ft.)	AVG. VOLUME (Cu.-Ft.)	ACCUMULATED POND VOLUME (Cu.-Ft.)
170.75	141500		0	0
		144685		
171.00	147870		36171	36171
		149072		
171.25	150275		37268	73439
		151480		
171.50	152685		37870	111309
		153893		
171.75	155102		38473	149782
		160550		
172.00	166199		40162	189944
		167413		
172.25	168632		41834	231798
		169852		
172.50	171073		42463	274261
		172297		
172.75	173521		43074	317335
		180780		
173.00	188040		45195	362530
		189465		
173.25	190891		47366	409895

DETENTION POND
STAGE VS. STORAGE TABLE

VICINITY MAP:



CHRISTOPHER R. YOUNG LICENSED 11315 KANSAS PROFESSIONAL ENGINEER 10-1-98

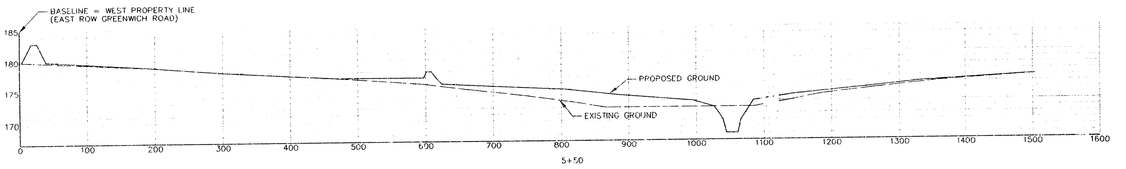
YOUNG & ASSOCIATES, P.A.
CONSULTING ENGINEERING & SURVEYING

City of Wichita
Sedgwick County, Kansas

DETENTION / RETENTION POND
SITE PLAN AND GENERAL NOTES

Eastside Community Church Addition

Project No.: 97-041-11S	Engr.: CRY
Date: 9/30/98	Tech.: DAS, DIM
Topo Survey: 3/31/97	Sheet No. 1 of 3



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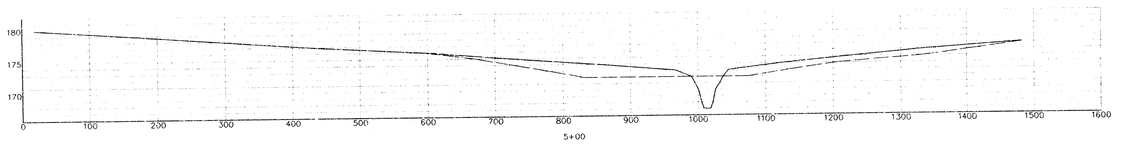

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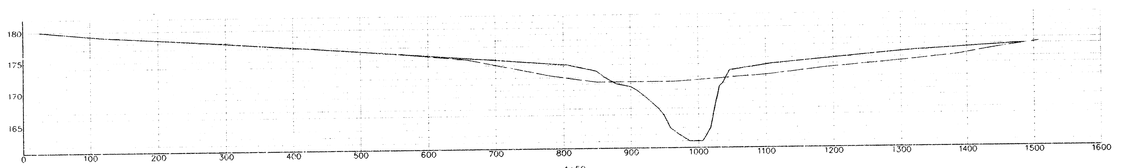

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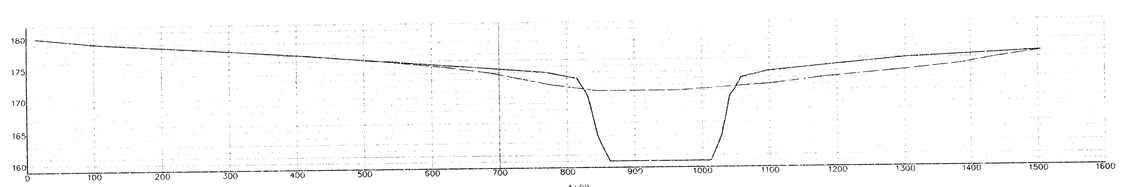

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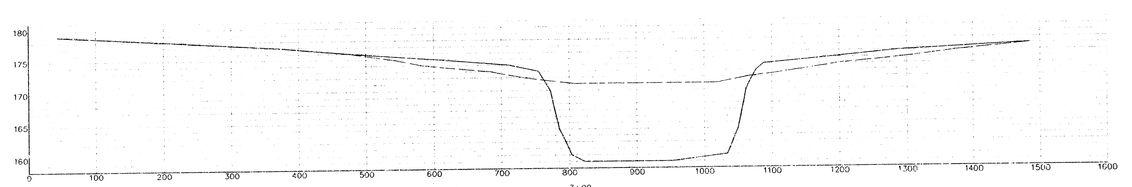

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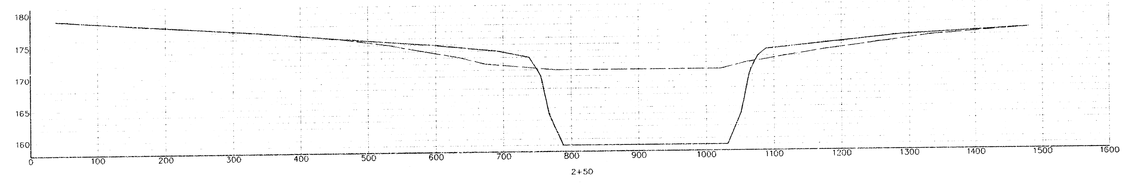

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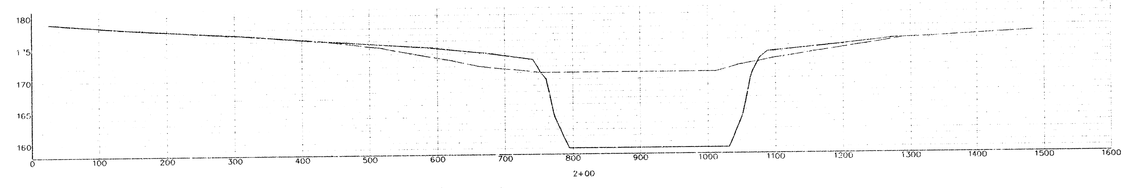

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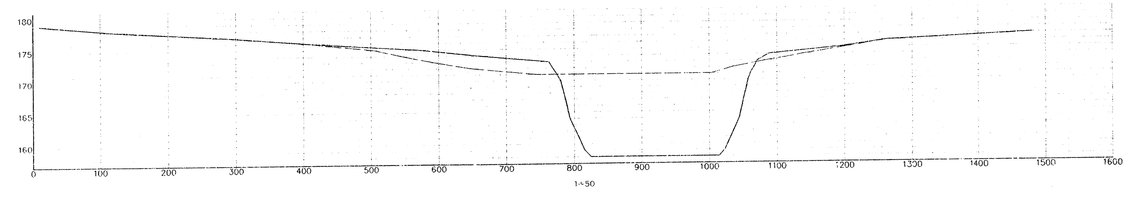

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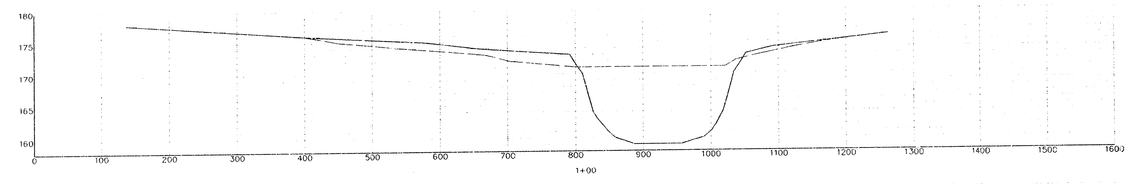

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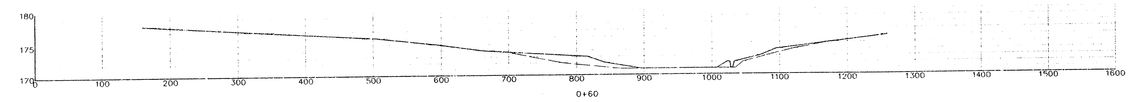

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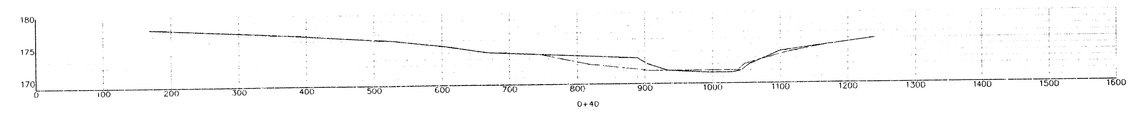

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YOUNG & ASSOCIATES, P.A.

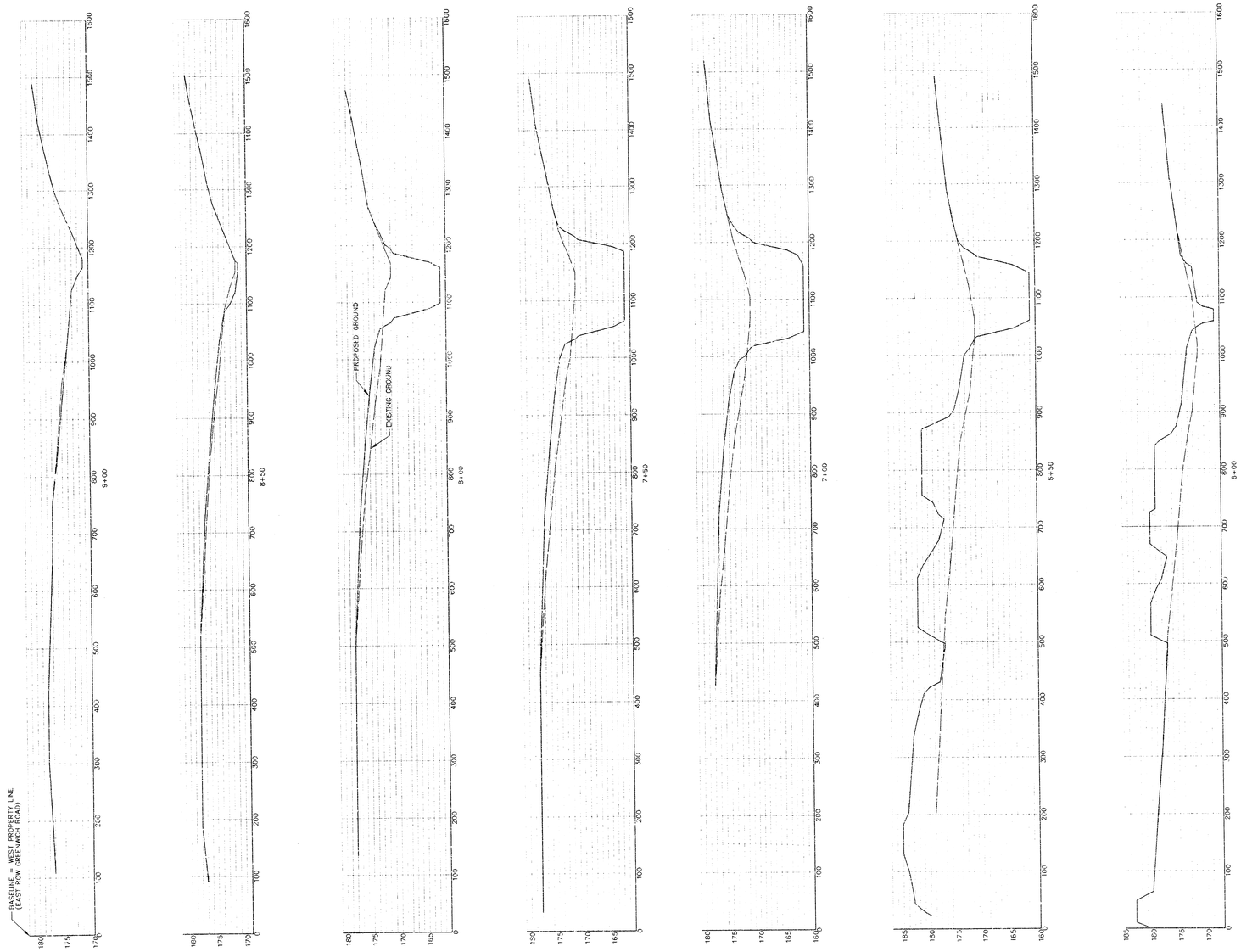
CROSS-SECTIONS

Eastside Community Church Addition

Project No: 97-041-115
Date: 9/30/98
Topo Survey: 3/31/97

Engr: CRY
Tech: DAS, DM

Sheet No. 2 of 3



YOUNG & ASSOCIATES, P.A.

CROSS-SECTIONS

Eastside Community Church Addition

Project No.: 97-041-115	Engr.: CRY
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Topo Survey: 3/31/97	Sheet No. 3 of 3

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