CONSTRUCTION PLANS FOR

STORM WATER DETENTION POND

AND

SERVICE ROAD RELOCATION

IN

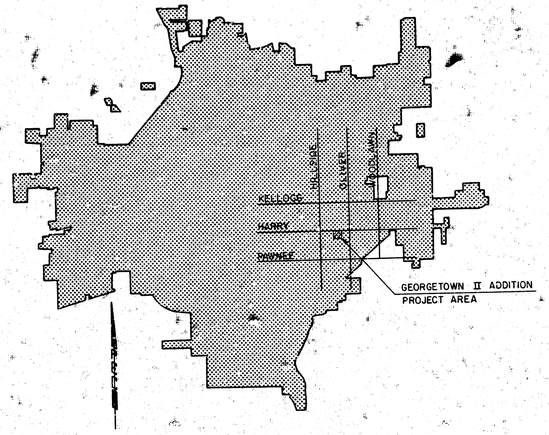
GEORGETOWN II ADDITION

THE CITY OF WICHITA,

SEDGWICK COUNTY, KANSAS

INDEX OF SHEETS

SHEET NO. 1	TITLE SHEET
SHEET NO. 2	KEY MAP & GENERAL NOTES
SHEET NO. 3	DETENTION POND & GRADING PLAN
SHEET NO. 4	DETENTION POND CROSS-SECTIONS
SHEET NO. 5	OUTFALL LINE
SHEET NO. 6	SERVICE ROAD RELOCATION



LOCATION MAP

P.E.C. PROJECT NO. 36-82522-2-1540

JANUARY, 1984

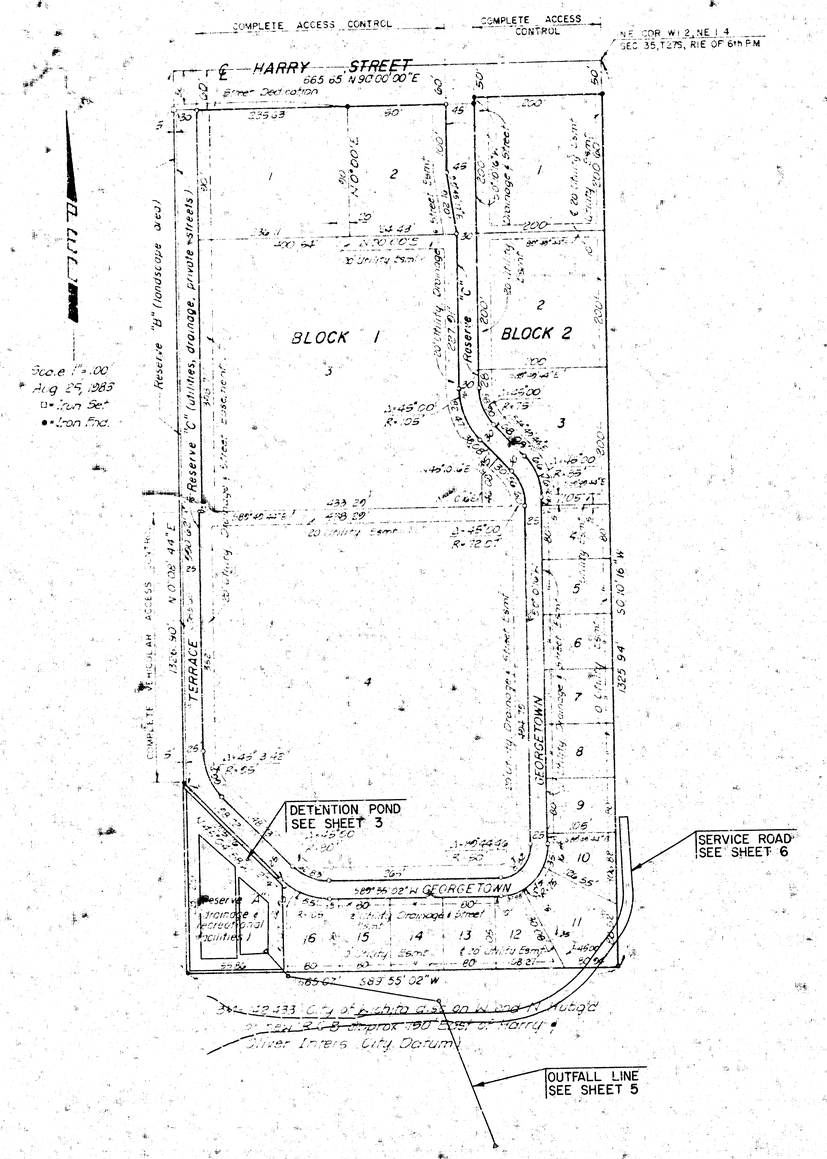
PLANS PREPARED BY

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

ENGINEERS

WICHITA, KANSAS

AS CONSTRUCTED
PROJ. ENG. _____ DATE 8/14/84
RES. ENG. _____ DATE _____



GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS TO COMPLY WITH CITY OF WICHITA SPECIFICATIONS AND STANDARDS.

2. ALL ELEVATIONS SHOWN ARE CITY OF WICHITA DATUM (USGS-1187.4 = CITY DATUM).

3. THE CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH TO REMAIN OPEN OVERNIGHTS AND WEEKENDS TO LESS THAN 50 FEET.

4. AT LEAST 24 HOURS PRIOR TO BEGINNING EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS) THE CONTRACTOR SHALL CONTACT THE UTILITY LOCATION SERVICE "KAN-U-DIG-IT" AT (316) 267-2689 TO REQUEST THE FOLLOWING UTILITY COMPANIES TO LOCATE ANY EXISTING LINES WITHIN THE PROJECT AREA: GAS SERVICE COMPANY, K.G. & E., SOUTHWESTERN BELL TELEPHONE COMPANY, THE WICHITA WATER DEPARTMENT, AIR CAPITAL CABLEVISION, AND ARKLA GAS COMPANY. THE CONTRACTOR ALSO SHALL CALL THE UTILITIES LISTED BELOW AT LEAST 72 HOURS PRIOR TO BEGINNING EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS) TO REQUEST LOCATION OF EXISTING UTILITIES WITHIN THE PROJECT AREA.

NORTHWEST CENTRAL
PIPELINE CORPORATION
4002 S. SENECA
WICHITA, KANSAS 67217
(316) 524-0491
MR. AUBREY SUMMERS

5. THE CONTRACTOR SHALL AVOID REMOVAL OR TRIMMING OF ANY TREES WHERE POSSIBLE. WHERE THE CONTRACTOR BELIEVES THE REMOVAL OR TRIMMING IS UNAVOIDABLE, HE SHALL COORDINATE SUCH WORK WITH THE ENGINEER.

6. TREE REMOVAL AND TREE TRIMMING SHALL BE DONE BY THE CONTRACTOR UNDER THE SUPERVISION OF THE ENGINEER AND SHALL BE CONSIDERED AS SUBSIDIARY TO OTHER ITEMS OF WORK.

7. WHERE REMOVAL OF EXISTING FENCES PARALLEL TO THE CONSTRUCTION IS DEEMED NECESSARY BY THE CONTRACTOR, THE CONTRACTOR SHALL COORDINATE REMOVAL WITH THE ENGINEER. REMOVAL AND RESETTING OF FENCES SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER ITEMS OF WORK.

8. TREES REMOVED, TREE TRIMMINGS, FENCES, AND OTHER DEBRIS SHALL BE HAULED FROM THE SITE BY THE CONTRACTOR AND WASTED AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.

9. THE CONTRACTOR SHALL RESTORE ALL DITCHES, SWALES, ROAD SHOULDERS, ENTRANCES, AND BANK LINES TO THEIR ORIGINAL SLOPES AND GRADES.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO THE OTHER ITEMS OF WORK.

11. THE CONTRACTOR SHALL SPREAD ALL EXCESS EXCAVATED SOIL WITHIN THE BOUNDARIES PROVIDED BY THE DEVELOPER. THIS SOIL SHALL BE COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS FOR TYPE B COMPACTION, AS OUTLINED IN SECTION 210 OF THE KANSAS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1980 EDITION."

12. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ANY ADDITIONAL EASEMENT OR RIGHT-OF-WAY NECESSARY TO COMPLETE THE PROJECT AS SHOWN ON THE PLANS AND SPECIFICATIONS. ALL COSTS FOR ADDITIONAL EASEMENTS SHALL BE WORK OF THE CONTRACTOR.

13. THE CONTRACTOR SHALL CONTACT RICK JOHNSON, PARK AND RECREATION MAINTENANCE, 264-1642, ONE WEEK PRIOR TO BEGINNING WORK ON THE GOLF COURSE PROPERTY. THE CONTRACTOR SHALL COORDINATE THE WORK ON THE GOLF COURSE TO MINIMIZE THE DISRUPTION OF GOLF PLAY AND TO PROVIDE ACCESS ACROSS THE WORK AREA.

14. THE OWNER WILL FURNISH HORIZONTAL CONTROL POINTS FOR LOCATING THE PRINCIPAL COMPONENTS OF THE WORK, TOGETHER WITH A SUITABLE NUMBER OF BENCH MARKS ADJACENT TO THE WORK. FROM THE INFORMATION PROVIDED BY THE OWNER, THE CONTRACTOR SHALL DEVELOP AND MAKE ALL DETAIL SURVEYS NEEDED FOR CONSTRUCTION, SUCH AS SLOPE STAKES, BLUE TOPS, BATTER BOARDS, TRENCH CUTS AND OTHER WORKING POINTS, LINES, AND ELEVATIONS.

AS CONSTRUCTED
PROJ. ENG. _____ DATE 8/14/84
RES. ENG. _____ DATE _____

No	Revision	By	Date

GEORGETOWN II ADDITION

KEY MAP & GENERAL NOTES

KANSAS GENERAL PROPERTIES INC

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by RWL, KR	Job No. 36-82522-2	Sht 2 of 6
Drawn by DER	Date Jan. 1984	

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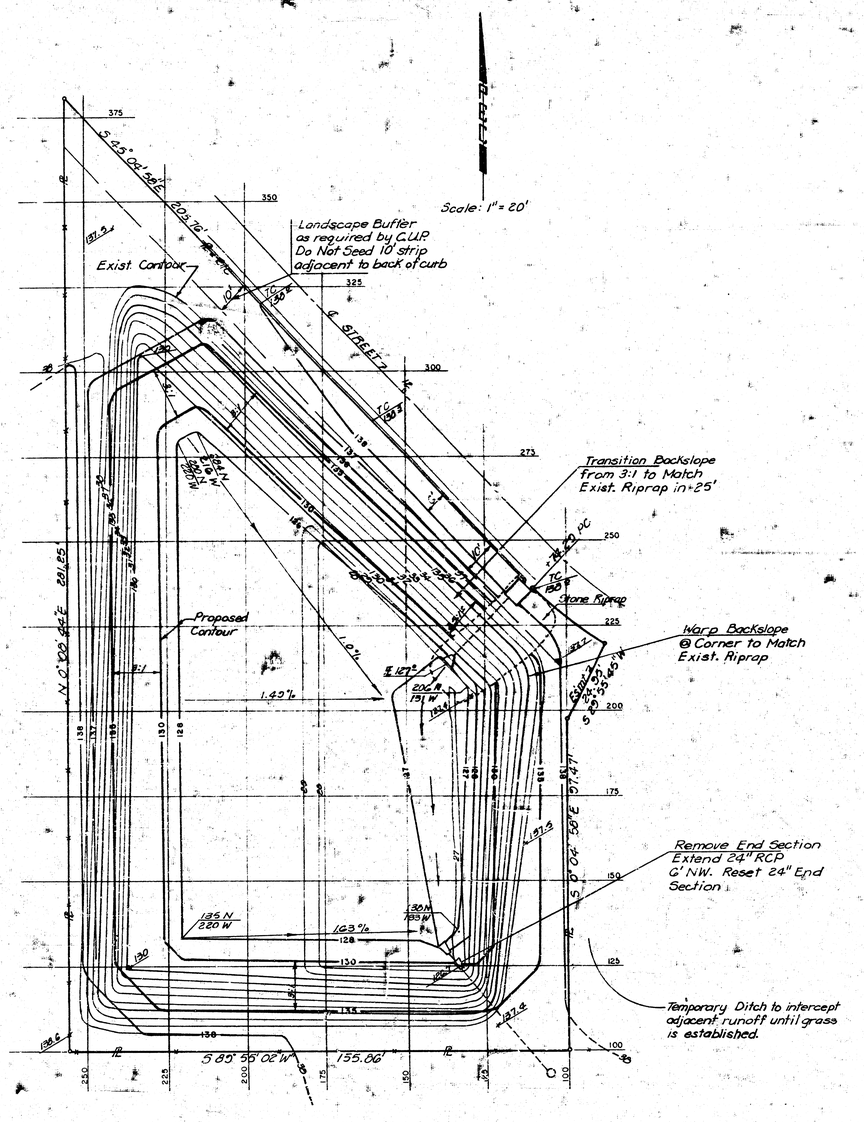
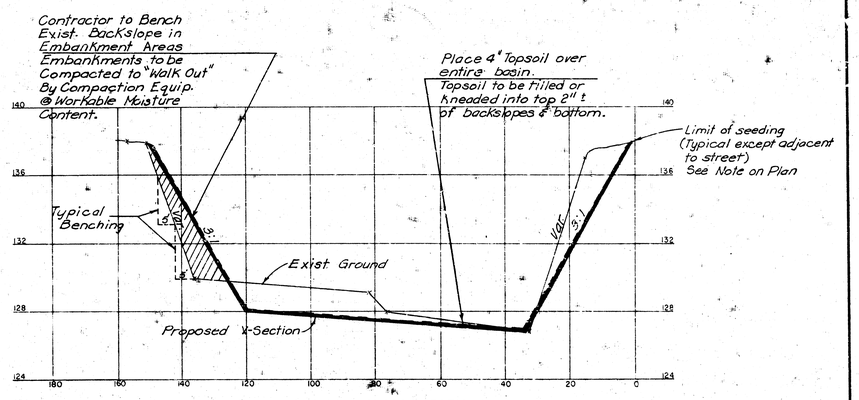


PLAN

APPROXIMATE EARTHWORK REQUIREMENTS

* Excavation (on site)	811 Cu. Yds.
Embankment	370 Cu. Yds.
Topsoil to be furnished from off site borrow	320 Cu. Yds.

* Approx. 385 Cu. Yds. to be wasted off-site



TYPICAL CROSS SECTION

BASIN BACKSLOPE REPARATION

SEEDING SPECIFICATIONS

THE GRASS SEED SHALL BE FESCUE K-31 AND HAVE A GERMINATION PERIOD OF 14 DAYS, A PURITY OF 90% WITH 85% GERMINATION AND 76.5% SPROUTABLE SEED. THE FESCUE K-31 SEED SHALL BE PLANTED AT A RATE OF 435 POUNDS PER ACRE.

FERTILIZER SHALL CONTAIN A MINIMUM OF 16% NITROGEN, 20% PHOSPHOROUS, AND 6% POTASSIUM. FERTILIZER SHALL BE DISTRIBUTED AT A MINIMUM RATE OF 350 POUNDS PER ACRE.

MULCH SHALL BE WHEAT STRAW, OAT STRAW, PRAIRIE HAY OR ANY COMBINATION OF THE ABOVE. MULCHING MATERIAL SHOULD BE FREE OF FIELD BINDWEED, JOHNSON GRASS, HOARY CRESS OR RUSSIAN KNAPWEED. MULCHING SHOULD OCCUR WITHIN 24 HOURS OF SEEDING IN CLEAR WEATHER.

AN ACCEPTABLE ALTERNATIVE TO DRILLING OR BROADCASTING WITH A STANDARD GRASS SEEDER WOULD BE HYDRO SEEDING.

As built 3/19/85

No.	Revision	By	Date

GEORGETOWN II ADDITION

DETENTION BASIN BACKSLOPE REPARATION PLAN & DETAILS

KANSAS GENERAL PROPERTIES INC.

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by RDP	Job No. 36-82522-3	Sht. 4 of 6
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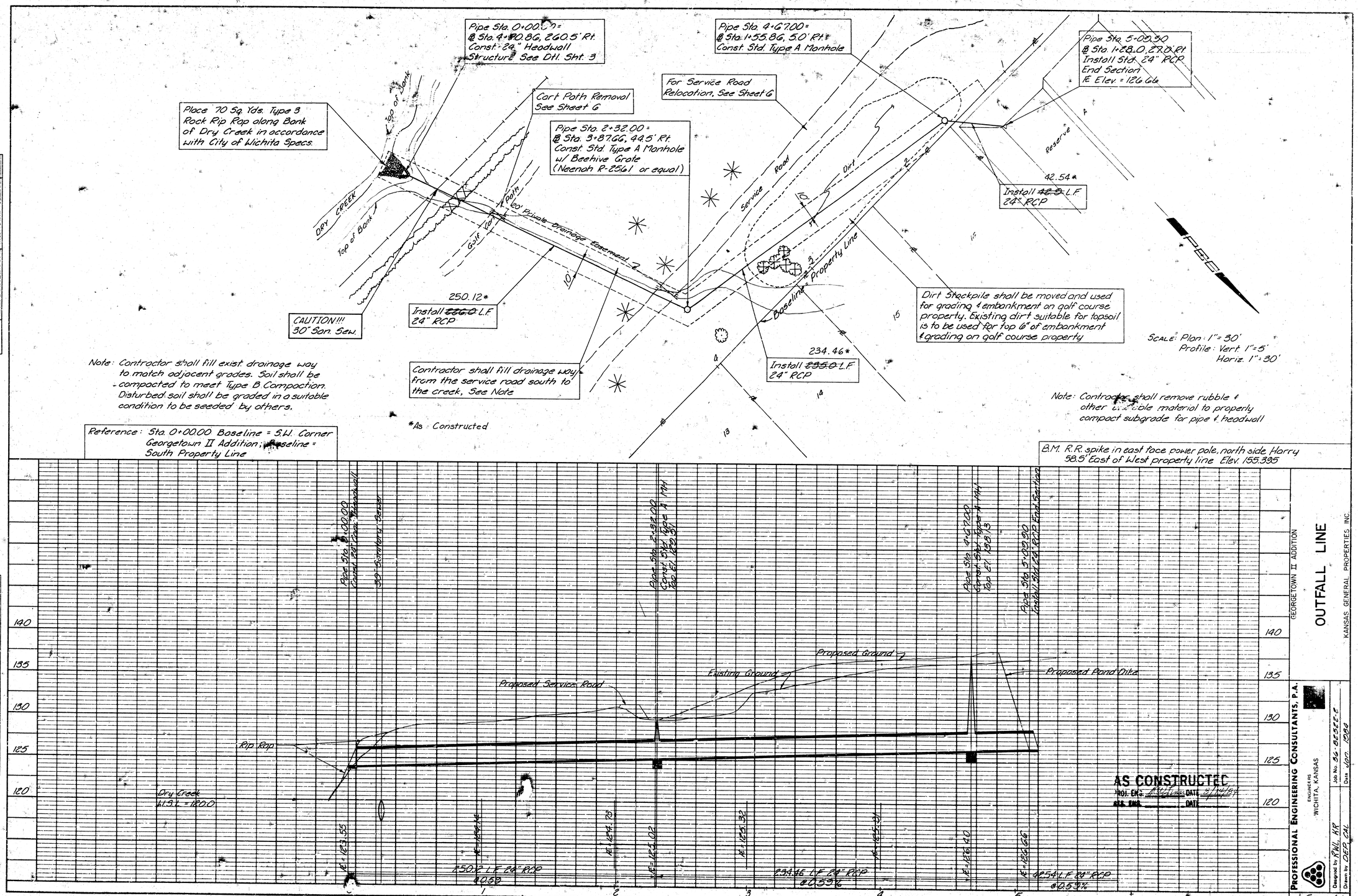

PLAN — SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED — NOTE BOOK NO. — BY — DATE

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M. & NOTED, STRUCTURE NOTATIONS CHECKED — NOTE BOOK NO. — BY — DATE

AS CONSTRUCTED
PROJ. ENG. [signature] DATE 8/14/84
RES. ENG. _____ DATE _____

GEORGETOWN II ADDITION

OUTFALL LINE

KANSAS GENERAL PROPERTIES, INC.

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

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Drawn by DEP, CAL — Date Jan. 1984

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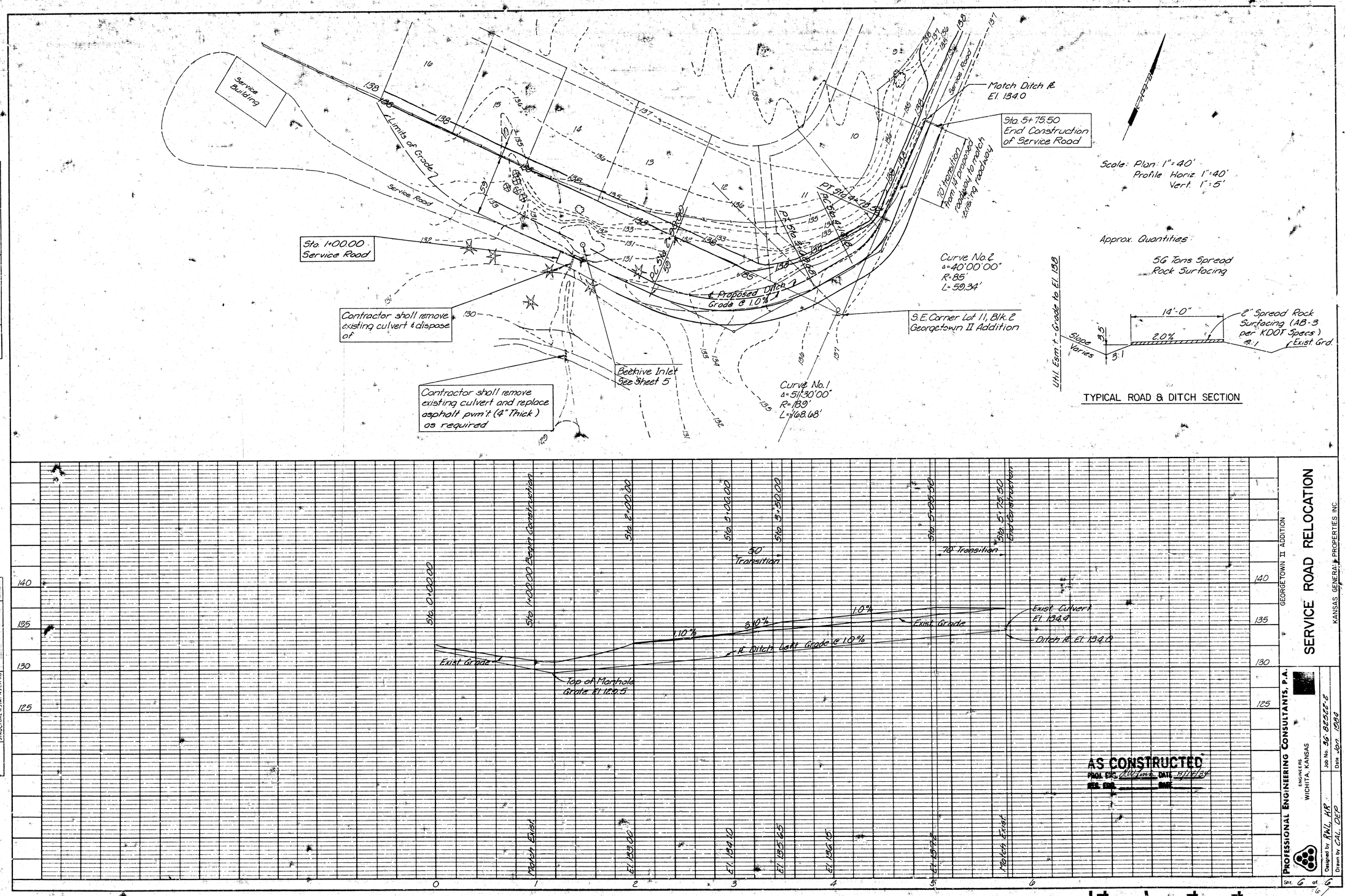

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PLAN
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B. M. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

GEORGETOWN II ADDITION

SERVICE ROAD RELOCATION

KANSAS GENERAL PROPERTIES INC.

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by RWL, KR
Drawn by CAL, DEP
Job No. 36-82522-2
Date Jan. 1984

Sht. 6 of 6

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