SHEET NO.	TOTAL SHEETS
1	3

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E., CITY ENGINEER

STORM WATER DRAIN NO.

FOR

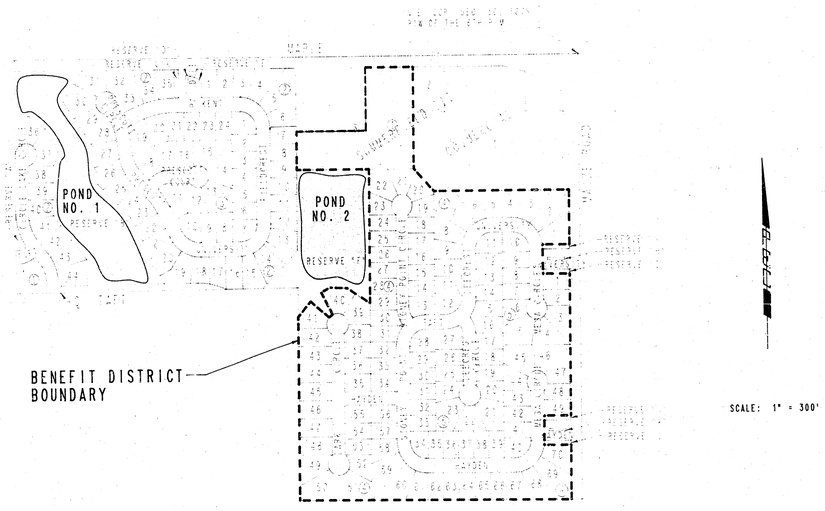
CAMBRIDGE ESTATES AND SUMMERFIELD III COMMERCIAL

CITY OF WICHITA PROJECT NO. 468-76-245- **82096** -000-000-001

INDEX NO. 750213

INDEX OF SHEETS

1. TITLE SHEET
2. PLAT
3. POND SEALING PLAN



SCALE: 1" = 300'

GENERAL NOTES

CONTRACTOR SHALL SATISFY HIMSELF OF SUBSURFACE CONDITIONS PRIOR TO CONSTRUCTION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL 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 IN ACCORDANCE WITH STATE LAWS.

CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF TWENTY-FOUR (24) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

SOUTHWESTERN BELL TELEPHONE COMPANY	1-316-571-2611
CABLEVISION	262-4270 OR 263-2061
KPL GAS SERVICE	263-7511
KANSAS GAS & ELECTRIC	264-1141
CITY OF WICHITA WATER DEPARTMENT	268-4908
CITY OF WICHITA SEWER DEPARTMENT	268-4071
ARKLA GAS COMPANY	942-8350 OR 263-8161

PROJECT SURVEY CONTROL

PROJECT DATUM : CITY OF WICHITA DATUM

DATUM BENCH MARK: CITY DISC 43.5' S. AND 52.7' E. OF INTERSECTION OF CENTERLINES WAIZE ROAD AND MAPLE. ELEV.=133.195

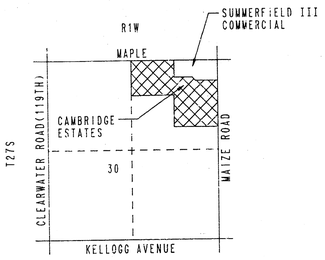
BENCH MARK : CHISELED "D" ON BACK OF CURB S. END CONCRETE MEDIAN IN PRESCOTT ON W. SIDE OF MAPLE AT ENTRANCE TO OAK CLIFF ESTATES. ELEV.=147.375

BENCH MARK : RAILROAD SPIKE IN S.W. FACE 18" ELM 5' E. OF S.W. CORNER LOT 21, BLOCK 3. ELEV.=145.345

BENCH MARK : RAILROAD SPIKE IN W. FACE 24" ELM IN E.-W. TREE ROW ON N. LINE HIDDEN LAKES ESTATES NEAR S.W. CORNER RESERVE "F", S.E. CORNER LOT 14, BLOCK 2. ELEV.=137.01

BENCH MARK : RAILROAD SPIKE IN E. FACE 36" ELM NEAR S.E. CORNER RESERVE "B" APPROXIMATELY 20' N. OF ℄ ASPHALT ROAD AT N. EDGE HIDDEN LAKES ESTATES. ELEV.=139.27

BENCH MARK : CHISELED "D" ON S. HEADWALL RCB ON MAPLE APPROX. 85' E. OF N. 1/4 CORNER SEC. 30, T27S, R1W. STA. 102+77, 15' RT. ELEV.=143.035



VICINITY MAP

FEBRUARY, 1991

PLANS PREPARED BY
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

CHARLES S. BROWN LICENSED 7581 KANSAS PROFESSIONAL ENGINEER

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PROJECT NO.	SHEET NO.	TOTAL SHEETS
468-76-245-82096-000-000-001	2	3

CAMBRIDGE ESTATES

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

SCALE: 1" = 100'
o = IRON SET

S.S. = SANITARY SEWER
B.S.L. = BUILDING SETBACK LINE

B.M. - CITY OF WICHITA STD. DISC 43.5 FT.
SOUTH AND 52.7 FT. EAST OF INTERSECTION
OF CENTERLINES OF MAIZE RD. AND MAPLE
ELEV.=133.195 CITY DATUM
ELEV.=1320.595 M.S.L.

MINIMUM PAD ELEVATION SHALL BE AS FOLLOWS:

BLOCK 2
LOTS 9 THROUGH 17, ELEVATION 139.2 CITY DATUM AND 1326.6 M.S.L.;
LOTS 18 THROUGH 31, AND LOTS 36 THROUGH 44, ELEVATION
143.0 CITY DATUM AND 1330.4 M.S.L.;

BLOCK 4
LOTS 23 THROUGH 31 AND LOTS 39 THROUGH 41, ELEVATION
139.2 CITY DATUM AND 1326.6 M.S.L.

CAMBRIDGE ESTATES
THE CITY OF WICHITA, KANSAS

PLAT

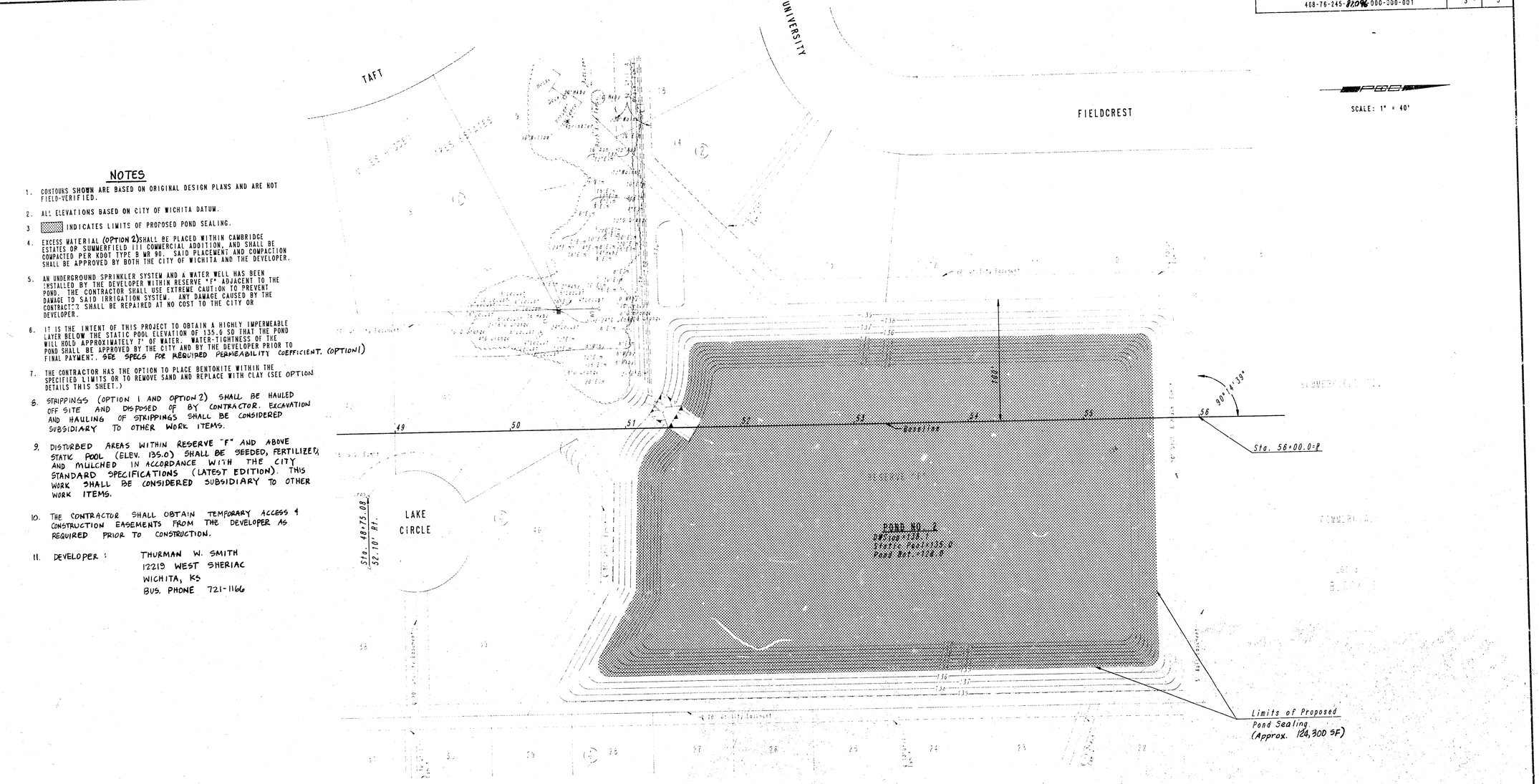
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

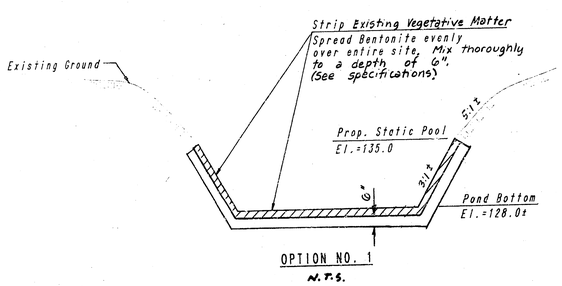
Designed by		Checked by	
Drawn by	DEP	Date FEB., 1991	Job No. 91000

PROJECT NO.	SHEET NO.	TOTAL SHEETS
488-76-245-82096 000-300-001	3	3

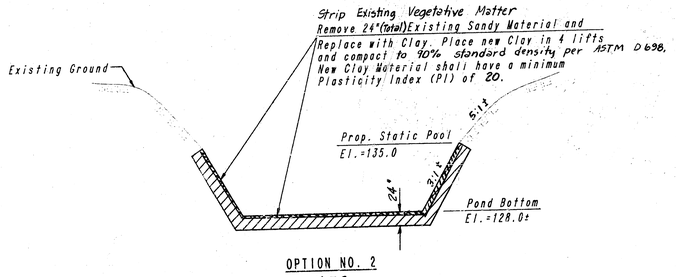
NOTES

1. CONTOURS SHOWN ARE BASED ON ORIGINAL DESIGN PLANS AND ARE NOT FIELD-VERIFIED.
2. ALL ELEVATIONS BASED ON CITY OF WICHITA DATUM.
3. ▨ INDICATES LIMITS OF PROPOSED POND SEALING.
4. EXCESS MATERIAL (OPTION 2) SHALL BE PLACED WITHIN CAMBRIDGE ESTATES OR SUMMERFIELD III COMMERCIAL ADDITION, AND SHALL BE COMPACTED PER KDOT TYPE B WR 90. SAID PLACEMENT AND COMPACTION SHALL BE APPROVED BY BOTH THE CITY OF WICHITA AND THE DEVELOPER.
5. AN UNDERGROUND SPRINKLER SYSTEM AND A WATER WELL HAS BEEN INSTALLED BY THE DEVELOPER WITHIN RESERVE "F" ADJACENT TO THE POND. THE CONTRACTOR SHALL USE EXTREME CAUTION TO PREVENT DAMAGE TO SAID IRRIGATION SYSTEM. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT NO COST TO THE CITY OR DEVELOPER.
6. IT IS THE INTENT OF THIS PROJECT TO OBTAIN A HIGHLY IMPERMEABLE LAYER BELOW THE STATIC POOL ELEVATION OF 135.0 SO THAT THE POND WILL HOLD APPROXIMATELY 7' OF WATER. WATER-TIGHTNESS OF THE POND SHALL BE APPROVED BY THE CITY AND BY THE DEVELOPER PRIOR TO FINAL PAYMENT. SEE SPECS FOR REQUIRED PERMEABILITY COEFFICIENT. (OPTION 1)
7. THE CONTRACTOR HAS THE OPTION TO PLACE BENTONITE WITHIN THE SPECIFIED LIMITS OR TO REMOVE SAND AND REPLACE WITH CLAY (SEE OPTION DETAILS THIS SHEET.)
8. STRIPPINGS (OPTION 1 AND OPTION 2) SHALL BE HAULED OFF SITE AND DISPOSED OF BY CONTRACTOR. EXCAVATION AND HAULING OF STRIPPINGS SHALL BE CONSIDERED SUBSIDIARY TO OTHER WORK ITEMS.
9. DISTURBED AREAS WITHIN RESERVE "F" AND ABOVE STATIC POOL (ELEV. 135.0) SHALL BE SEEDED, FERTILIZED, AND MULCHED IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS (LATEST EDITION). THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO OTHER WORK ITEMS.
10. THE CONTRACTOR SHALL OBTAIN TEMPORARY ACCESS & CONSTRUCTION EASEMENTS FROM THE DEVELOPER AS REQUIRED PRIOR TO CONSTRUCTION.
11. DEVELOPER : THURMAN W. SMITH
    12219 WEST SHERIAC
    WICHITA, KS
    BUS. PHONE 721-1166





OPTION NO. 1
N.T.S.



OPTION NO. 2
N.T.S.

ESTIMATED QUANTITIES

OPTION NO. 1	Bentonite	280 Ton*
OPTION NO. 2	Excavation	9,207 L.Y.‡
	Select Fill (Clay)	9,207 L.Y.

* Based on 4.5 lb./S.F. (see specs)

‡ Based on 24" depth (includes strippings)

CAMBRIDGE ESTATES
THE CITY OF WICHITA, KANSAS

POND SEALING PLAN

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

Designed by	CSB, GDD	Checked by	
Drawn by	DEP	Date FEB. 1991	Job No. 91090

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