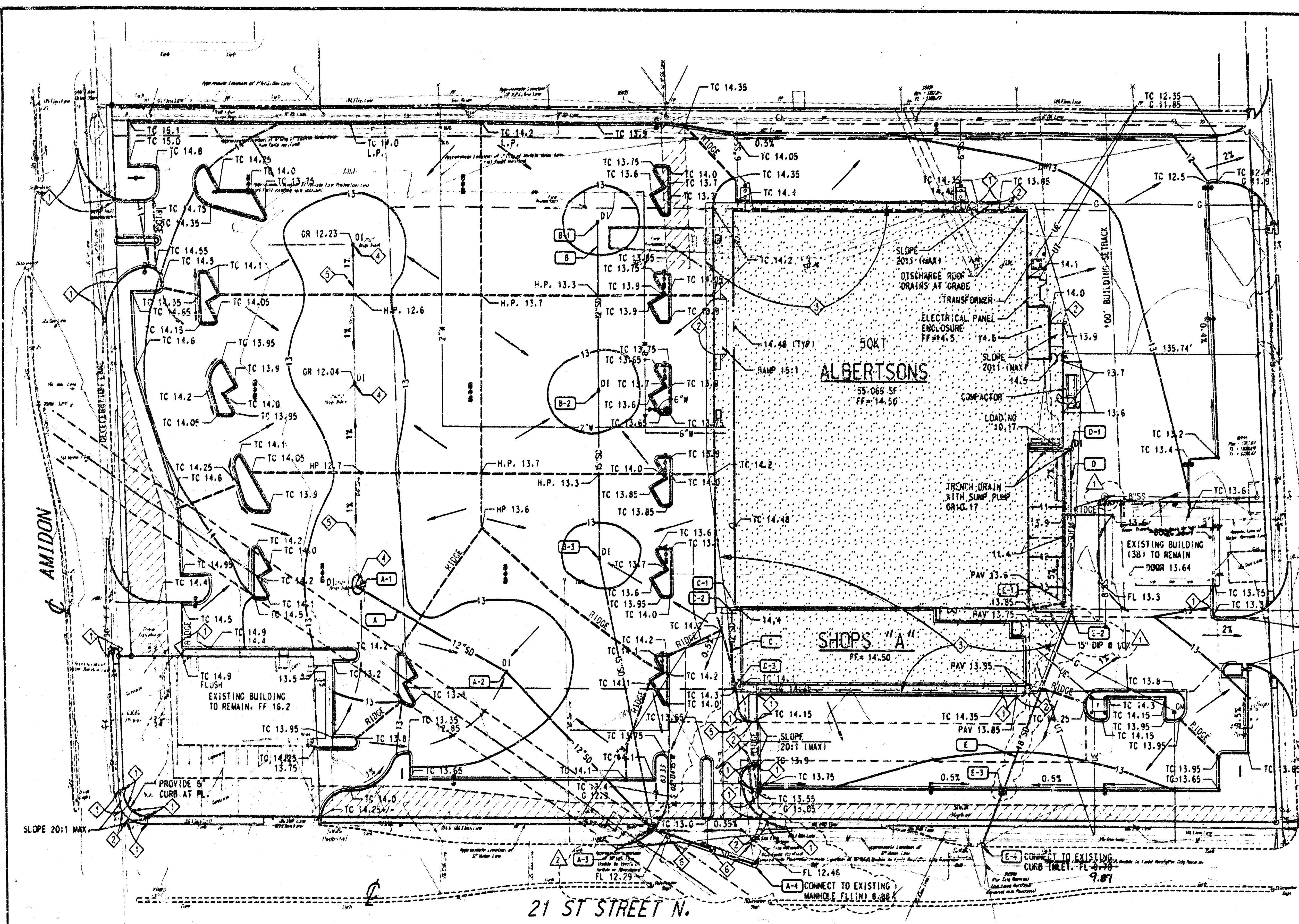




- CONSTRUCTION NOTES:**
- VARY CURB HEIGHT 0'-6" (20:1 MAX. SIDEWALK SLOPE)
 - FLUSH CONDITION
 - EXCAVATE EXISTING FILL SOILS AND REPLACE WITH ENGINEERED FILL (APPROXIMATE BUILDING FOOTPRINT PLUS 5'). PROVIDE LOW VOLUME CHANGE MATERIAL FOR THE UPPER 12" UNDER THE FLOOR SLAB WHERE NOTED THUS
 - EXISTING DRAINAGE INLET TO REMAIN
 - EXISTING STORM DRAIN TO REMAIN
 - PLUS EXISTING STORM DRAIN TO BE ABANDONED WITH CONCRETE AT THESE LOCATIONS

NOTE TO CONTRACTOR:

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED INSPECTING ENGINEERING FIRM UNDER CONTRACT WITH 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 THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA:

SANITARY SEWERS VRH 6/7/97

STORM SEWERS VRH 6/7/97

DRIVEWAY APPROACHES

WATER MAINS

PAVING

SANITARY SEWER AND STORM WATER SEWER EXTENSION TO SERVE AMIDON PLAZA ADDITION. 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 THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

- GRADING AND STORM DRAIN NOTES:**
- ADD 1300 TO ALL FINISHED GRADES AND CONTOURS.
 - ALL EXISTING GROUND INFORMATION WAS OBTAINED BY A REGISTERED LAND SURVEYOR. NOTIFY ENGINEER IF EXISTING GROUND CONDITIONS ARE NOT REPRESENTATIVE IN THE FIELD.
 - NEW CONTOURS DENOTE TOP OF FINISHED PAVING OR GRADED AREA AS INDICATED. ALL SPOT ELEVATIONS ARE TO TOP OF CURB OR FINISHED GRADE, UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL - PARTIAL SITE PLAN 1.0 FOR FINISHED FLOOR AND SIDEWALK SPOT ELEVATIONS.
 - ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND TO FIELD VERIFY EXISTING UTILITIES.
 - ALL STORM DRAIN PIPE TO BE RCP CLASS V, 3000-D, UNO.
 - ALL STORM DRAIN PIPE LENGTHS ARE CALCULATED TO THE INSIDE FACE OF DRAINAGE STRUCTURES AND ROUNDED UP TO THE NEAREST FOOT.
 - ALL "STANDARD" REFERENCES REFER TO STATE OF KANSAS DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS
 - ALL "BROOKS" PRECAST CONCRETE DRAINAGE STRUCTURE ARE TO BE EQUIPPED WITH TRAFFIC GRATES AND MAY BE REPLACED BY "APPROVED" EQUIVALENT PRODUCTS.
 - ADJUST ALL MANHOLE RIMS AND VALVE BOXES TO FINISHED GRADE.
 - ALL CURBS ARE 6" HIGH, UNLESS NOTED OTHERWISE

GRADING AND STORM DRAIN LEGEND:

NEW	DESCRIPTION	EXISTING
---	PROPERTY LINE	---
---	EASEMENT LINE	---
15	FINISHED CONTOURS	1313
13.13	FINISHED SPOT ELEVATION (SPOT ELEVATION)	
TC 13.13	STORM SEWERS (TC = TOP OF CURB)	
G 13.13	STORM SEWERS (G = GUTTER)	
13.13	STORM SEWERS (13.13 = FUTURE SPOT ELEVATION)	
10"SD	STORM DRAIN LINE	
○	STORM DRAIN JUNCTION	
○	CITY WITH MANHOLE	
○	CLEAROUT TO GRADE	
□	CURB INLET	□
□	FLARED END SECTION	□
0.8%	FLOW ARROW	
---	RIDGE LINE	
---	DAYLIGHT LINE	
---	DRAINAGE AREA LINE	
○	GRADED DROP INLET	
---	DITCH OR SWALE	

PROJECT BENCHMARK:

CITY OF WICHITA DISC ON S.E. CORNER OF THE LITTLE ARKANSAS RIVER BRIDGE LOCATED ON 21ST STREET NORTH. ELEV. = 1313.71 MSL

NO.	DATE	DESCRIPTION
1	05/14/97	AS1 NO. 5-01, CLARIFICATION
2	05/14/97	CCO NO. 5-01, CITY CORRECTIONS
3	04/16/97	ADDENDUM NO. 5-01
4	04/22/97	ISSUED FOR BID AND PERMIT
5	2/14/97	ISSUED FOR REVIEW

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AMIDON PLAZA ADDITION

WICHITA, KANSAS

GRADING AND DRAINAGE PLAN

INSPECTED BY BAUGHMAN CO., P.A.
PROJ. # 708 FPS (607861)

Albertsons

DESIGNED BY: HNF
DRAWN BY: TM
DATE: 2/14/97
SHEET NUMBER: C311

SUMMARY OF DRAINAGE STRUCTURES:			NOTE: COORDINATES SHOWN ARE TO CENTER OF STRUCTURE, EXCEPT IN THE CASE OF CURB INLETS WHERE COORDINATES ARE TO THE FACE OF CURB										
LINE	UPSTREAM POINT	DESCRIPTION	STANDARD DESIGN REFERENCE	LOCATION (COORDINATES)	UPSTREAM POINT F.O. LINE ELEVATION		TOP OR SURFACE ELEVATION	DOWNSTREAM POINT	PIPE LENGTH (IN LF)	PIPE SIZE AND MATERIAL	PIPE CLASS	PIPE SLOPE	COMMENTS
A	A-1	GRADED DROP INLET	EXISTING	EXISTING	10.35	10.35	11.79	A-2	118	12" DIP	50	0.29%	CONNECT TO EXISTING DROP INLET 72
A	A-2	GRADED DROP INLET	BROOKS 2424	N 5145.68 E 8303.42	9.84	9.84	11.99	A-3	144	12" DIP	50	0.29%	
A	A-3	TYPE 22 RADIUS CURB INLET	RO645	N 5042.72 E 8406.46	9.60	9.15	12.75	A-4	75	18" DIP	50	0.36%	WH# 1, L=6' 3"
A	A-4	EXISTING MANHOLE	N/A	EXISTING	8.88	8.78	12.00	EXISTING	EXISTING	18" RCP	EXISTING	EXISTING	TIE TO EXISTING MANHOLE
B	B-1	GRADED DROP INLET	BROOKS 2424	N 5440.43 E 8369.45	N/A	11.00	12.70	B-2	110	12" DIP	50	0.35%	
B	B-2	GRADED DROP INLET	BROOKS 2424	N 5330.43 E 8369.45	10.61	10.36	12.70	B-3	110	15" DIP	50	0.35%	
B	B-3	GRADED DROP INLET	BROOKS 2424	N 5220.43 E 8369.45	9.98	9.96	12.70	A-3	180	15" DIP	50	0.35%	
C	C-1	SHOPS "A" ROOF DRAIN CONNECTION	N/A	N 5114.74 E 8465.57	N/A	11.49	14.40	C-2	3	12" DIP	50	2.0%	
C	C-2	CLEAROUT TO GRADE	REF 14/C202	N 5186.74 E 8461.03	11.43	11.43	14.35	C-3	45	12" DIP	50	0.50%	
C	C-3	12" CONCRETE COLLAR	N/A	N 5135.01 E 8461.03	10.50	10.50	13.80	EXISTING	116	12" RCP	EXISTING	EXISTING	CONNECT TO EXISTING 12"
D	D-1	SUMP PUMP MANHOLE	REF MECH. PLAN	N 5293.51 E 8696.78	N/A	13.77	13.77	E-2	103	"	50		FORCE MAIN
E	E-1	ALBERTSON'S ROOF DRAIN CONN.	N/A	N 5186.35 E 8672.78	N/A	11.20	13.85	E-2	24	15" DIP	50	1.0%	
E	E-2	GRADED DROP INLET	BROOKS 2424	N 5186.35 E 8696.78	10.96	10.71	13.55	E-3	128	18" RCP	V. 3000-D	0.60%	HYDRAULIC RELIEF STRUCTURE
E	E-3	TYPE 22 CURB INLET	RO645	N 5069.93 E 8648.01	9.94	9.94	12.90	E-4	36	18" RCP	V. 3000-D	0.40%	WH# 5', L=5' 1"
E	E-4	CURB INLET	EXISTING	EXISTING	9.70	9.68	12.95	EXISTING	EXISTING	18" RCP	EXISTING	EXISTING	DRAINS EAST TO LITTLE ARKANSAS RIVER

