

STORMWATER IMPROVEMENTS FOR: WAL-MART SUPERCENTER #3492-00 WICHITA, KANSAS KELLOGG AND GREENWICH RD.

CITY OF WICHITA - PRIVATE PROJECT #118 (607861)

GENERAL NOTES:

A. TOPOGRAPHIC BOUNDARY SURVEY, INCLUDING PROPERTY LINES, LEGAL DESCRIPTION, EXISTING UTILITIES, SITE TOPOGRAPHY WITH SPOT ELEVATIONS, OUTSTANDING PHYSICAL FEATURES AND EXISTING STRUCTURE LOCATIONS WAS PROVIDED BY THE FOLLOWING COMPANY, AS A CONTRACTOR TO THE SELLER/OWNER:

TOPOGRAPHY: BAUGHMAN COMPANY, PA
BOUNDARY: 315 ELLIS
WICHITA, KANSAS 67211
(316) 262-7271

C. ENGINEERING AND ITS ASSOCIATES WILL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF THE SURVEY OR FOR DESIGN ERRORS OR OMISSIONS RESULTING FROM SURVEY INACCURACIES.

B. ALL PHASES OF SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE OWNER / DEVELOPER SITE WORK SPECIFICATIONS.

C. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF EXISTING STRUCTURES, RELATED UTILITIES, PAVING, UNDERGROUND STORAGE TANKS AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED. SEE SITE WORK SPECIFICATIONS.

D. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.

E. THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.

F. ANY AND ALL DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTION AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE PLANS OR PLANS AS CONSTRUCTED EXCEPT IN ACCORDANCE WITH THE ENGINEER'S PROFESSIONAL RESPONSIBILITY.

G. SAFETY NOTICE TO CONTRACTORS:
IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, BY, ON OR NEAR THE CONSTRUCTION SITE.

FLOOD CERTIFICATION:

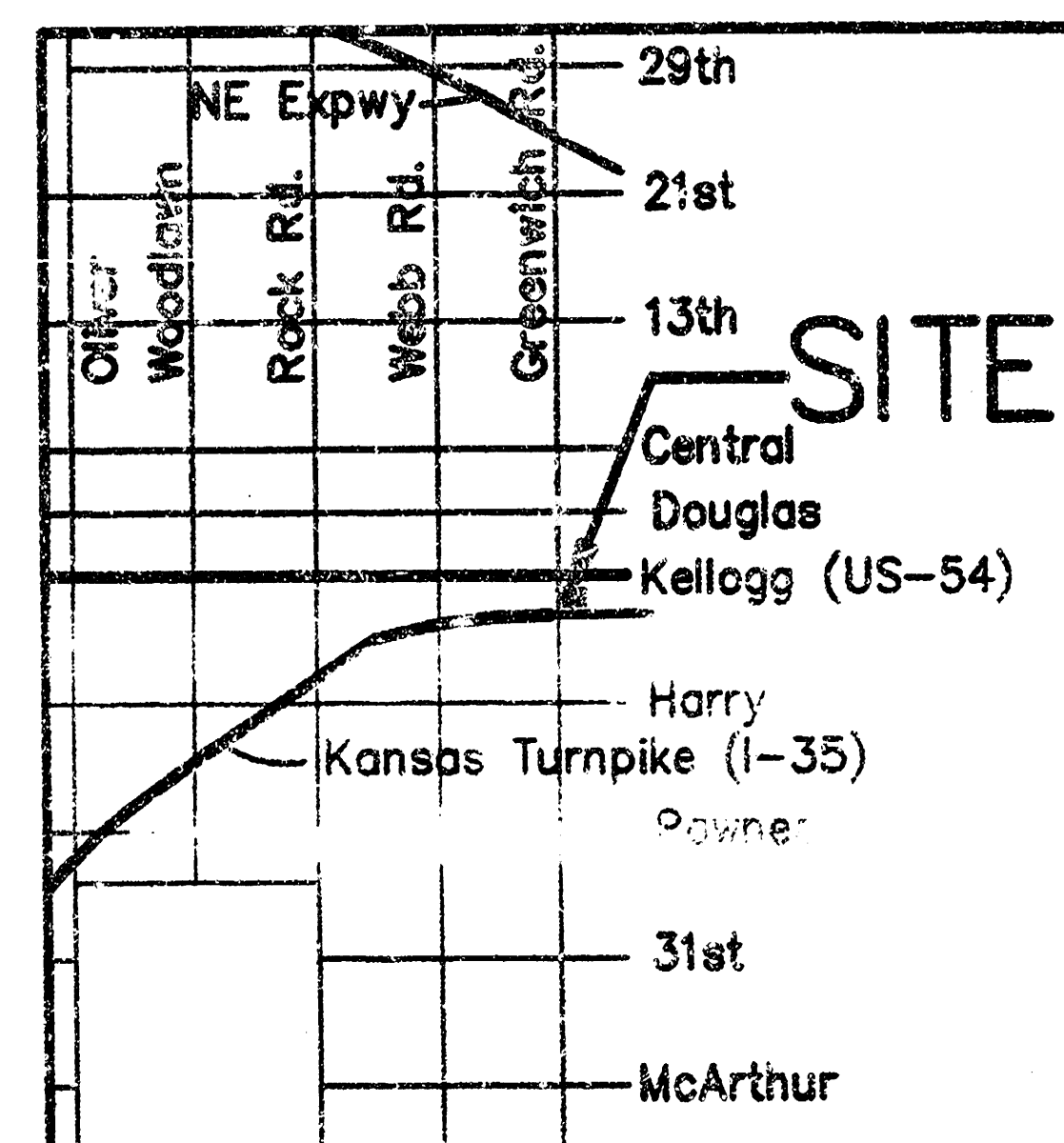
THIS PROPERTY IS NOT LOCATED WITHIN ANY PRESENTLY ESTABLISHED 100-YEAR FLOOD PLAIN AS SHOWN BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP FOR THE CITY OF WICHITA, COMMUNITY PANEL NUMBER 200322, 0030 S. EFFECTIVE DATE MAY 15, 1997.

NOTICE TO BIDDERS:

ALL QUESTIONS REGARDING THE PREPARATION OF THE GENERAL CONTRACTOR'S BID SHALL BE DIRECTED TO THE OWNER'S CONSTRUCTION DEPARTMENT AT (501) 273-0366. SUBCONTRACTORS MUST DIRECT THEIR QUESTIONS THROUGH THE GENERAL CONTRACTOR. THE CONSULTING ARCHITECT AND/OR THE CONSULTING ENGINEER SHALL NOT BE CONTACTED DIRECTLY WITHOUT PRIOR AUTHORIZATION FROM THE OWNER/DEVELOPER.

WETLANDS CERTIFICATION:

THIS PROJECT DOES NOT REQUIRE A DEPARTMENT OF THE ARMY SECTION 404 PERMIT PER A DETERMINATION ON NOVEMBER 27, 2000 BY THE U.S. ARMY CORPS OF ENGINEERS KANSAS CITY DISTRICT.



Vicinity Map
NOT TO SCALE

PLAN INDEX:

1. COVER SHEET
2. STORMWATER PLAN
3. STORMWATER PLAN
4. DETAIL SHEET



THIS PROJECT WAS COMPLETED AND BUILT WITHOUT CHANGE AS STATED BY THE ENGINEER'S CERTIFICATE OF COMPLETION BY POE & ASSOCIATES OF KANSAS, INC. DATED 1-16-02 AND LITTER FROM POE & ASSOCIATES OF KANSAS, INC. DATED 1-14-02. THESE PLANS ARE TO BE CONSIDERED AS BUILTS OF THE MAIN STORM SEWER SYSTEM ONLY. THE ROOF DRAINAGE SYSTEM THAT TIES INTO THE MAIN STORM SEWER IS NOT TO BE CONSIDERED AS PART OF THE AS-BUILTS. NO OTHER ITEMS OTHER THAN THE MAIN STORM SEWER SYSTEM SHALL BE CONSIDERED AS PART OF THESE AS-BUILTS EVEN THOUGH THEY APPEAR ON THE PLANS.

RECORD DRAWING

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

SANITARY SEWERS

STORM SEWERS

DRIVEWAY APPROACHES

WATER MAINS

PAVING

NOTE TO CONTRACTORS

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING 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.

RESOURCE LIST:

CITY OF WICHITA
PRINCIPAL PLANNER
DONNA GOLTRY
CITY HALL, 10TH FLOOR
455 N. MAIN
WICHITA, KS 67202
(316)-268-4421
(316)-268-4390 FAX

ELECTRIC
KG & E
SHANE PRICE
P.O. BOX 208
WICHITA, KS 67201
(316) 261-8865
(316) 261-8979 FAX

PLANS EXAMINER
RICHARD CHAMBERLAIN
OFFICE OF CENTRAL INSPECTION
CITY HALL, 7TH FLOOR
455 N. MAIN
WICHITA, KS 67202
(316)-268-4477
(316)-268-4663 FAX

TELEPHONE
SOUTHWESTERN BELL
STAN MANNIS
154 N. BROADWAY, ROOM 210
WICHITA, KS 67202
(316)-268-2359
(316)-268-3110 FAX

CITY ENGINEER
VICKI WANG
ENGINEERING DIVISION
CITY HALL, 8TH FLOOR
455 N. MAIN
WICHITA, KS 67202
(316)-268-4266
(316)-268-4111 FAX

GAS
KANSAS GAS SERVICE
ED KOEHLER
1021 E. 23TH ST.
WICHITA, KS 67219
(316)-832-3177
(316)-832-3175 FAX

WATER DISTRIBUTION
STEV PALMER
SUPERINTENDENT
DISTRIBUTION
(316) 268-4940

TECHNICAL ENGINEER
TERRACCI
JOHN HEINZ, P.E.
2111 WEST HARRY STREET
WICHITA, KS 67211
(316)-262-0171
(316)-262-5997 FAX

SEWER MAINTENANCE
JOE BOTINELLY
SUPERINTENDENT OF SEWER
MAINTENANCE
(316) 268-4073

CONSULTING ENGINEER
CEI ENGINEERING ASSOCIATES, INC.
W. CHARLES MITCHELL, P.E.
3317 SW "I" ST.
BENTONVILLE, AR 72712
(501)-273-9472
(501)-271-0871 FAX

DEVELOPER
WAL-MART STORES, INC.
ART SCOTT, P.E., CEM (501)-273-6817
ROY COVERT, REM (501)-204-0239
2001 SE 10TH ST.
BENTONVILLE, AR 72712
(501)-273-4107 FAX

ARCHITECT
BOICE-RAIDL-RHEA ARCHITECTS
JASON FRY
6700 ANTIPOCH PLAZA, SUITE 300
MERRIAM, KS 66204
(913)-262-9095
(913)-262-9044 FAX

THE R.H. JOHNSON COMPANY
OWEN RUCKLEY
801 WEST 47TH STREET
SUITE 219,
KANSAS CITY, MO 64112-1253
(816) 561-5111
(816) 561-5551 FAX

SURVEYOR
BAUGHMAN COMPANY, P.A.
PRESTON STEWART
315 ELLIS
WICHITA, KS 67211
(316)-262-7271
(316)-262-0149 FAX

ENVIRONMENTAL DIVISION
CEI ENGINEERING ASSOCIATES, INC.
TROY J. LOONEY, REM
1857 VZCR 3425
WILLS POINT, TX 75169
(903) 873-8896
(903) 873-5413 FAX

EGIS, INC.
JAMES MANUAL BARNES
314 SOUTH MAIN
BENTONVILLE, AR 72712
(501)-271-9252
(501)-271-8627 FAX



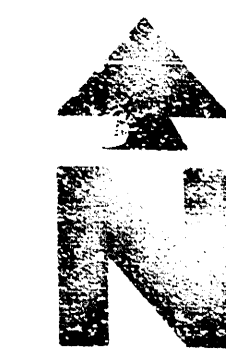
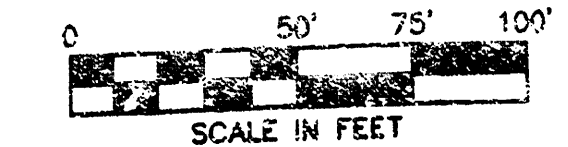
ENGINEERING
ASSOCIATES, INC

ENGINEERS • PLANNERS • SURVEYORS

3317 SW "I" Street
Bentonville, AR 72712

(501) 273-9472
FAX (501) 273-0844

Benchmark: Zetta Drive and Kellogg
in center median Elevation = 174.70 (City Datum)



FUTURE SERVICE ROAD 300'

KF11000 DRIVE

REFER TO CUP NO DP-198 FOR
FUTURE DEVELOPMENT
RESTRICTION NOTE.

PARCEL
OUTLOT

PARCEL 10
RETAINED BY OWNER

PROPERTY DESCRIPTION:
Parcel 1, Parcel 11, Reserve "A", Reserve "C" of One Kellogg
Place 2nd Addition, Wichita, Sedgwick County, Kansas.

METES & BOUNDS DESCRIPTION FOR
PORTION OF RESERVE B

[illegible]

EXISTING

- [illegible]

PROPOSED

- | | |
|-------|--|
| _____ | BOUNDARY LINE |
| _____ | RIGHT OF WAY LINE |
| --- | GRADE BREAK |
| XXX | CONTOUR ELEVATIONS |
| == | STORM DRAIN |
| ===== | LIMITS OF PAVING |
| XX.XX | SPOT ELEVATIONS:
TC = TOP OF CURB
G = GUTTER |

GENERAL GRADING NOTES

- [illegible]

☐ GRADING DETAILS

- | GRADING DEVICES | |
|------------------|--------------------------------|
| CA | CHARG POST (SINGLE) |
| CD | TRIAL LIGHTING POLE FOUNDATION |
| 1
B
+
E | |
| 20A | JUNCTION BOX |
| 21A | CURB INLET |
| 21C | CURB INLET |
| 23A | GRATE INLET |
| 23C | DOUBLE GRATE INLET |
| 27E | STORM DRAIN CLEAN-OUT |
| 47B | R.O.C. LOCATION |

GRADING NOTES

- 90 CONNECT INTERIOR ROOF DRAINS TO DRAIN PIPE. (SEE ARCH. PLANS FOR EXACT NO. AND LOCATION OF DOWN SPOUTS)
- 90 FLARED END SECTION
- 73A STANDARD TYPE-1 CURB INLET PER CITY OF WICHITA

INITIAL DESIGN	3-27-01	WCM	RLR	BRL	TAN
	DATE	PRN	PM	DES	DRW

WAL-MART SUPERCENTER
STORE #3482-00

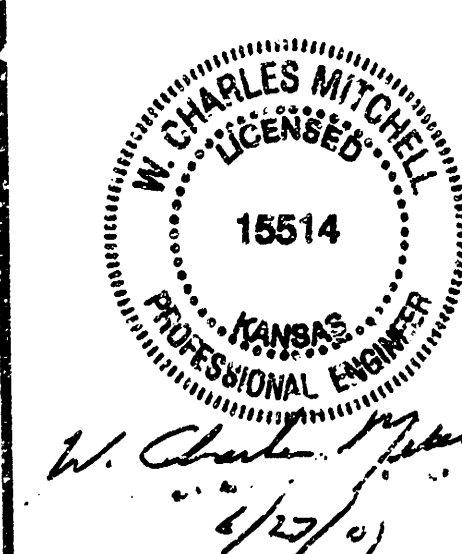
CEI ENGINEERING

GHA ASSOCIATES, INC
ENGINEERS • PLANNERS • SURVEYORS

3317 SW "I" Street Bentonville, AR 72712	(501) 273-9472 FAX (501) 273-0844	JOB NO.: 15244.0 DWG NAME: 52445ST
STORMWATER PLAN		DATE: SHEET: 1

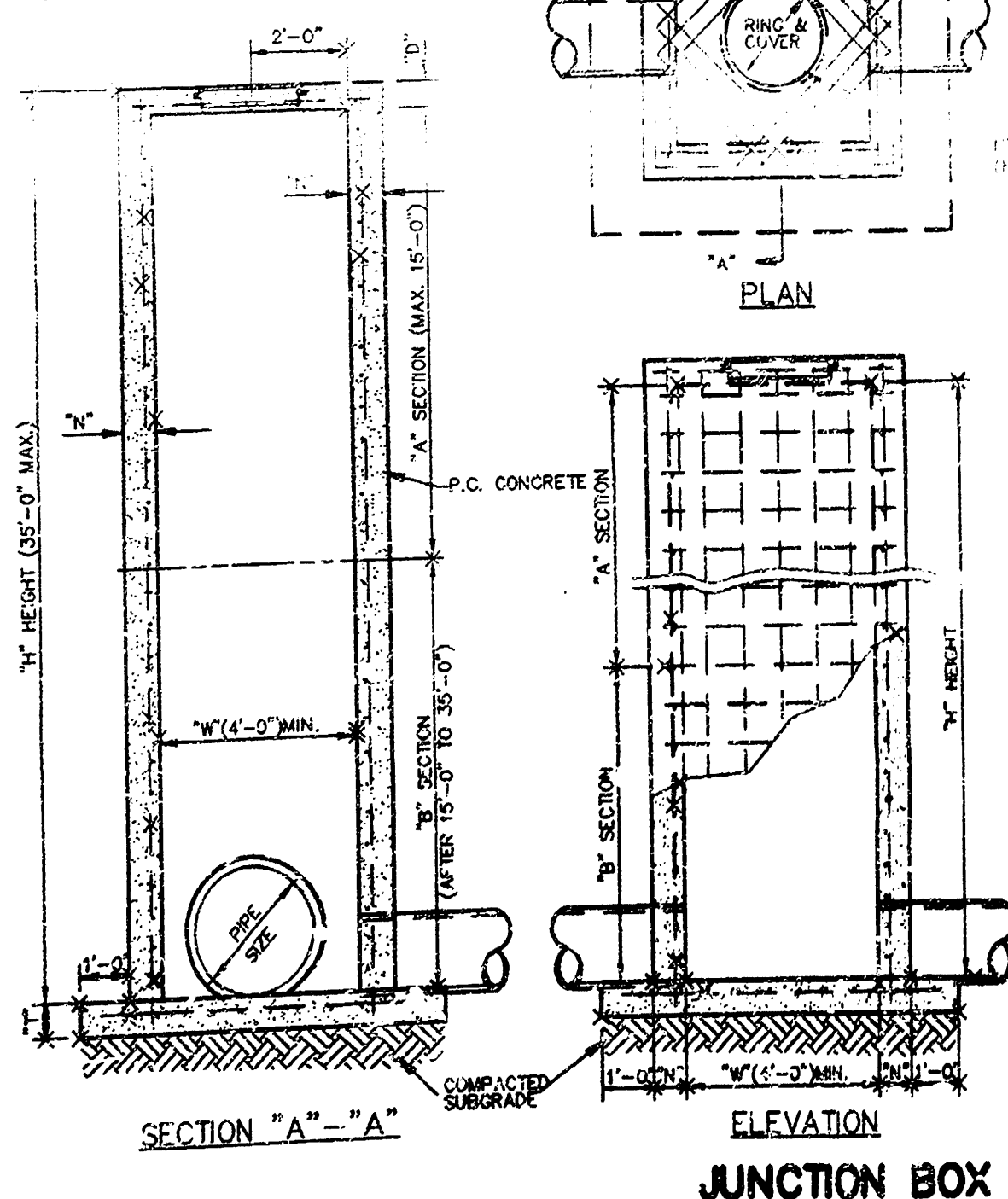
STORMWATER PLAN
KELLOGG AVENUE
WICHITA KANSAS
06-22-01
3:29 PM
3 OF 4
BID

RECORD DRAWING



GENERAL NOTES:

1. ALL EXPOSED CORNERS TO HAVE 3/4" CHAMFER.
2. ALL #4 & #5 REINFORCING BARS TO HAVE 1-1/2" COVER. LARGER SIZES TO HAVE 2" COVER.
3. SEE GRADING AND DRAINAGE PLAN FOR PIPE SIZES, LOCATIONS, AND FLOW LINES.
4. PIPES SHALL CONNECT TO THE ENDS OR SIDES OF THE INLET CONNECTION SHALL NOT BE MADE AT CORNERS OF BOX.
5. ALL REINFORCING BARS TO BE GRADE 60.

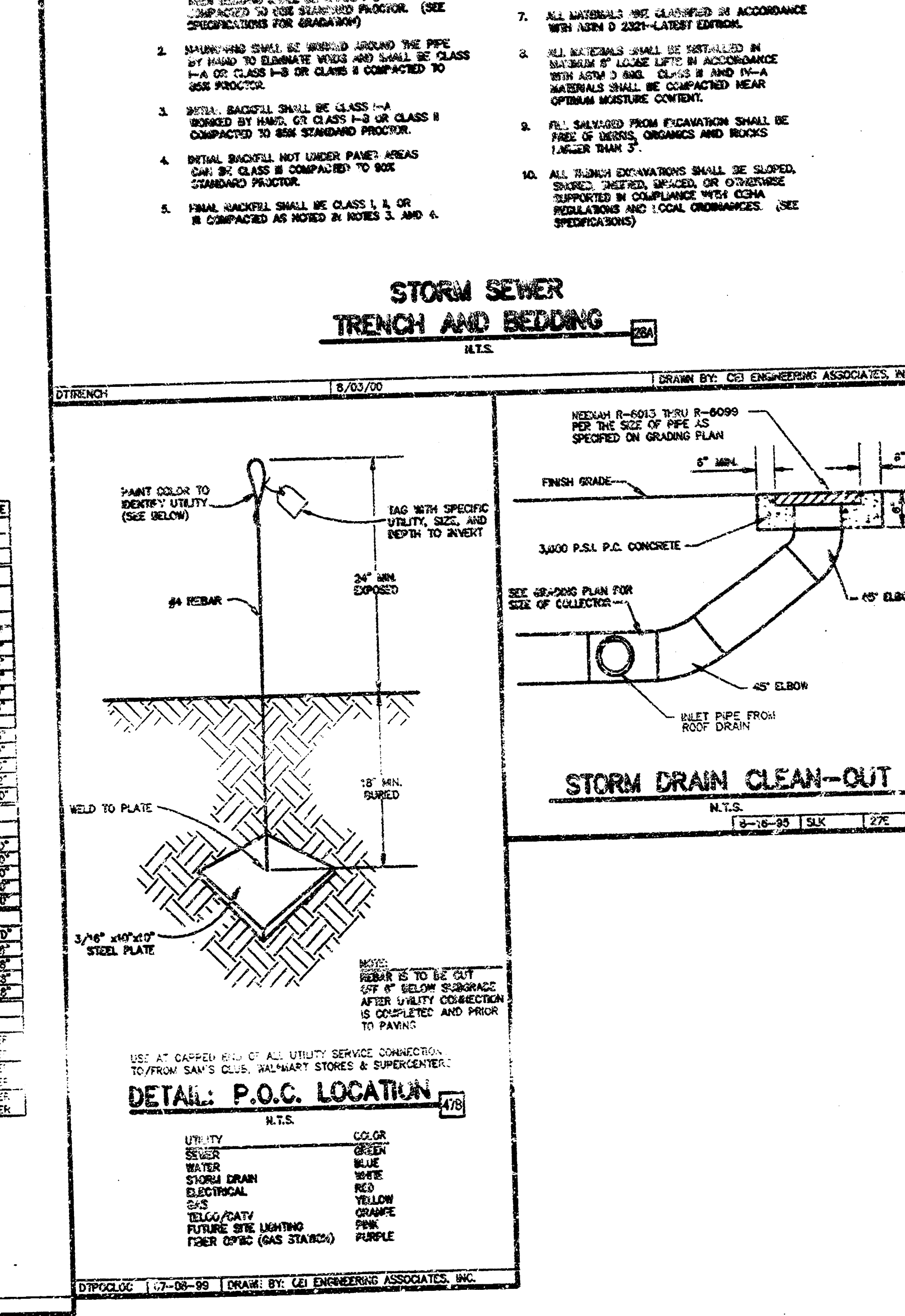
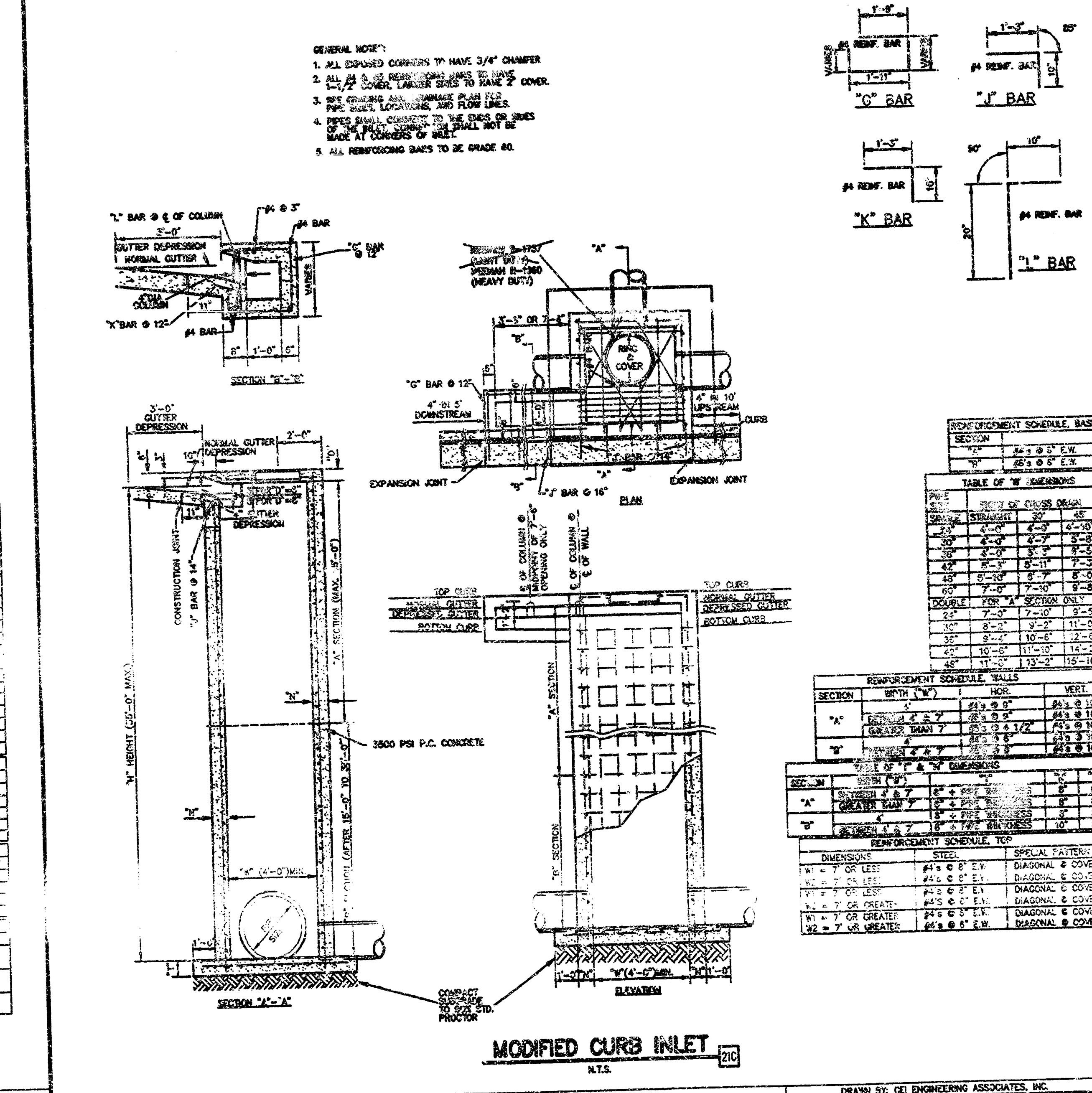
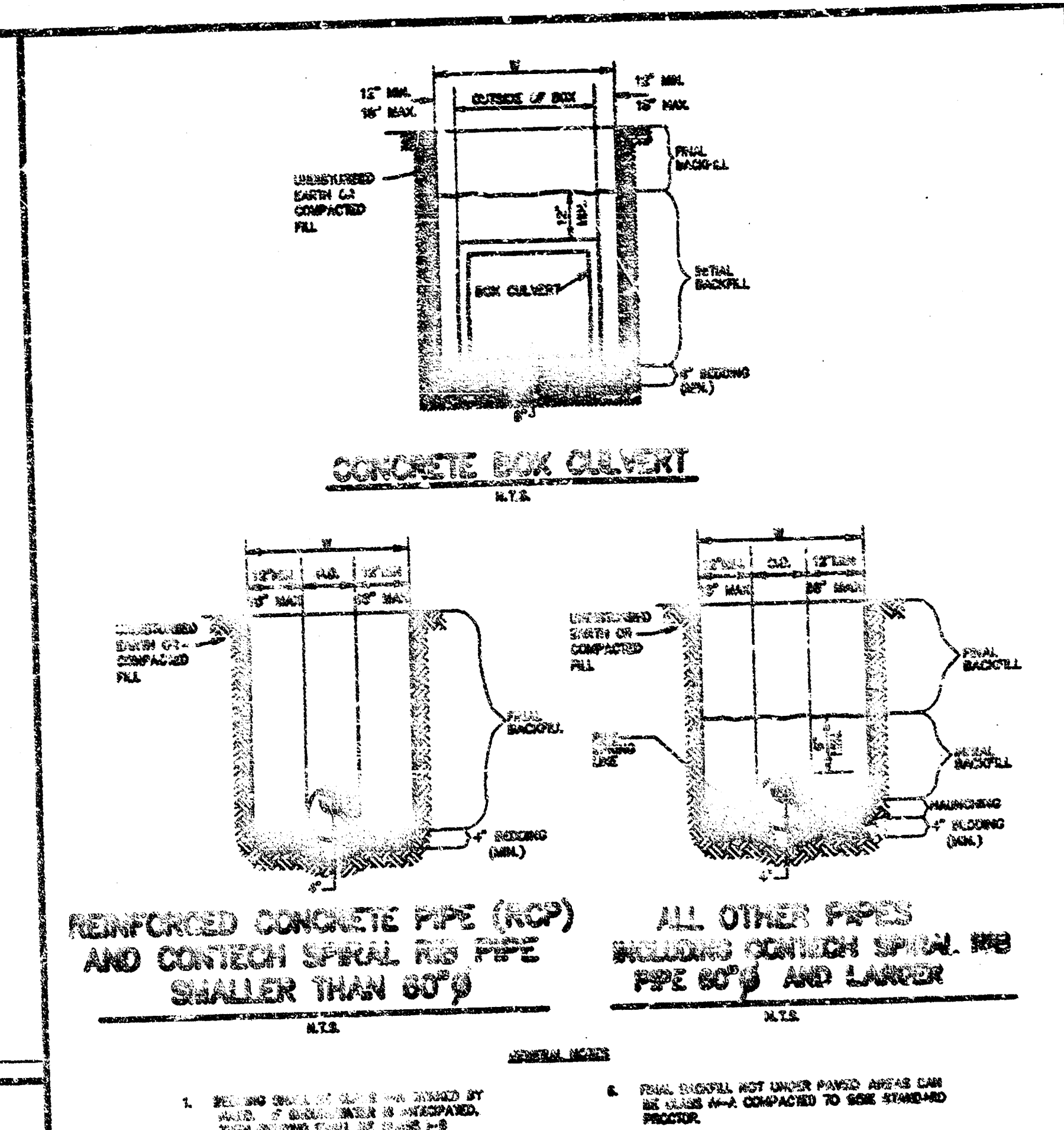
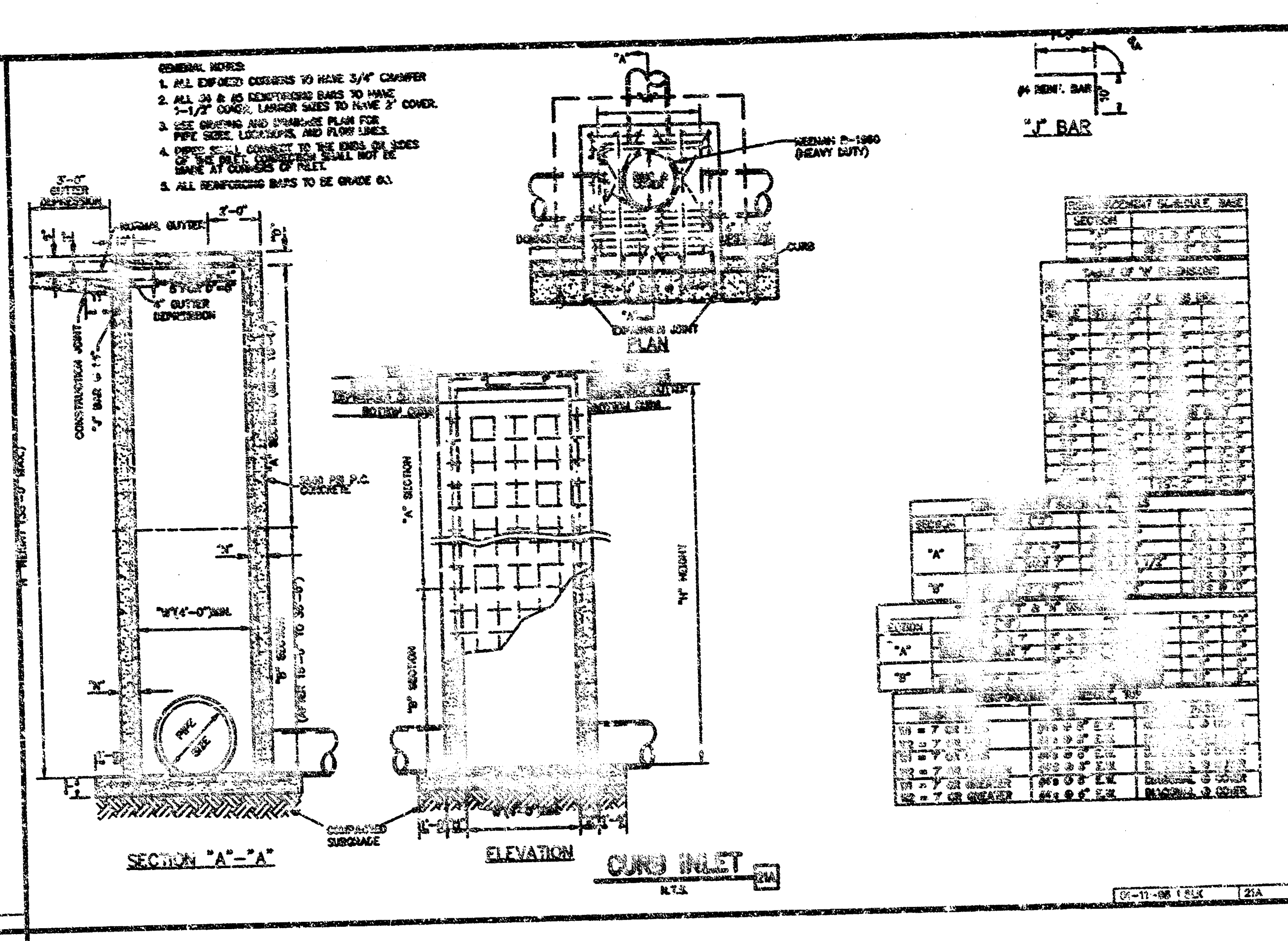


CORNER BAR

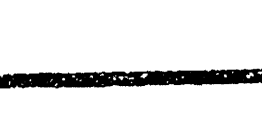
F501		STRENGTH OF CROSS DATA	
SINGLE STRUT		35	45
12	0-0	2-0	2-0
10	0-0	2-2	5-8
10	0-0	2-0	2-0
12	0-3	0-11	7-8
10	0-0	2-0	2-0
10	0-0	7-0	8-8
DOUBLE		7	10
12	0-0	7-0	7-0
10	0-0	8-0	11-0
10	0-0	12-0	8-0
12	0-0	11-0	11-0
10	0-0	13-0	11-0

REINFORCEMENT SCHEDULE, WALLS			
SECTION	WIDTH (W')	H' (H)	VERT.
"A"	DESIGNED $\times 6 \times 6$	6.0 $\times 9.0$	6.0 $\times 10.0$
	ORIENTED TYPED	6.0 $\times 9.0$	6.0 $\times 10.0$
	ORIENTED TYPED	6.0 $\times 9.0$	6.0 $\times 10.0$
	ORIENTED TYPED	6.0 $\times 9.0$	6.0 $\times 10.0$
"B" $\times 6 \times 6$ $\times 6 \times 6$			
TYPED OF "N" DIMENSIONS			
SECTION	WIDTH (W')	H' (H)	VERT.
"A"	DESIGNED $\times 6 \times 6$	6.0 $\times 9.0$	6.0 $\times 10.0$
	ORIENTED TYPED	6.0 $\times 9.0$	6.0 $\times 10.0$
"B"	DESIGNED $\times 6 \times 6$	6.0 $\times 9.0$	6.0 $\times 10.0$
	ORIENTED TYPED	6.0 $\times 9.0$	6.0 $\times 10.0$
TYPED OF "N" DIMENSIONS			
REINFORCEMENT SCHEDULE, TOWER			
SECTION	WIDTH (W')	H' (H)	VERT.
"A"	DESIGNED $\times 6 \times 6$	6.0 $\times 9.0$	6.0 $\times 10.0$
	ORIENTED TYPED	6.0 $\times 9.0$	6.0 $\times 10.0$
"B"	DESIGNED $\times 6 \times 6$	6.0 $\times 9.0$	6.0 $\times 10.0$
	ORIENTED TYPED	6.0 $\times 9.0$	6.0 $\times 10.0$
TYPED OF "N" DIMENSIONS			

[illegible]



RECOMMENDATION

	INITIAL DESIGN	3-27-51	PM	RLR	SRL	TAN	
		DATE	PRN	PM	DES	DRW	
<i>W. Claude Nichols</i> <i>5/11/51</i>	WAL-MAPT SUPERCENTER STORE #3492-00						
				ENGINEERING ASSOCIATES, INC			
	ENGINEERS		PLANNERS		SURVEYORS		
	3317 SW 7 th Street Bartonsville, AR 27212		(501) 273-9472 FAX (501) 273-0844		JOB NO.: 15244-0 DWG NAME: 5244STD1		
DETAIL SHEET KELLOGG AVENUE						DATE 05-11-51 2:17 PM	SHEET NO. 4 OF 4
WICHITA						KANSAS	FEEBIGH