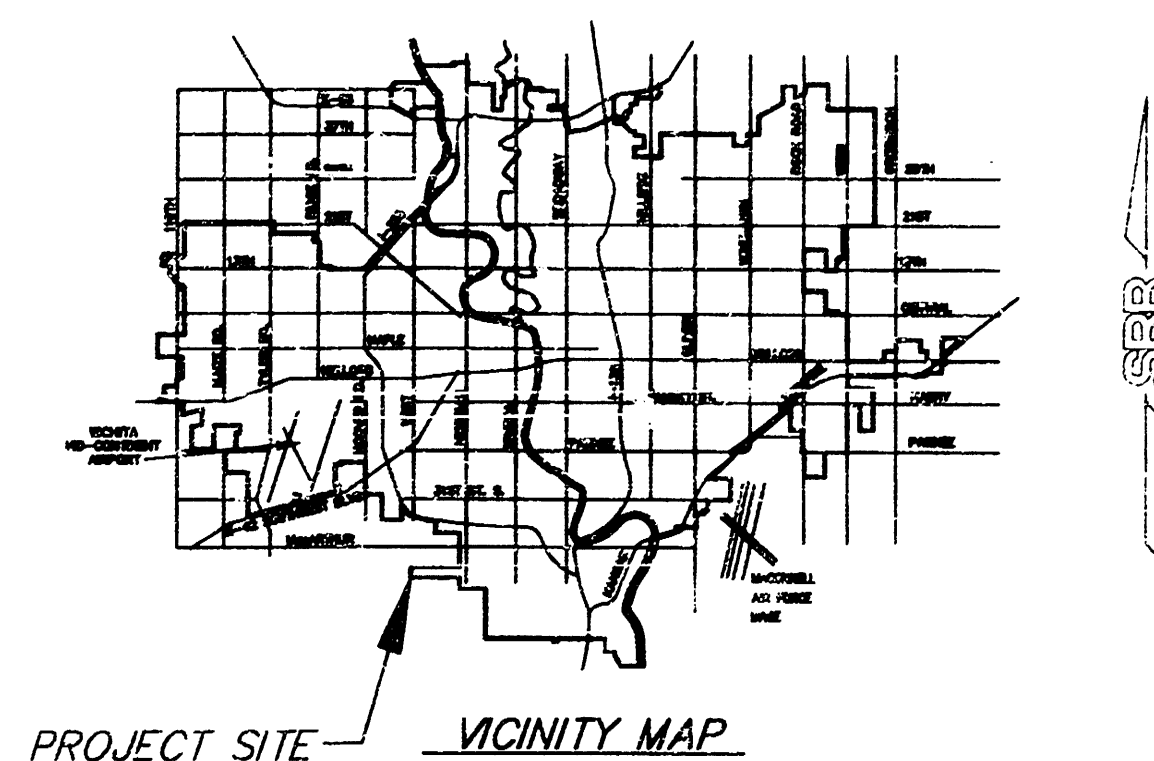
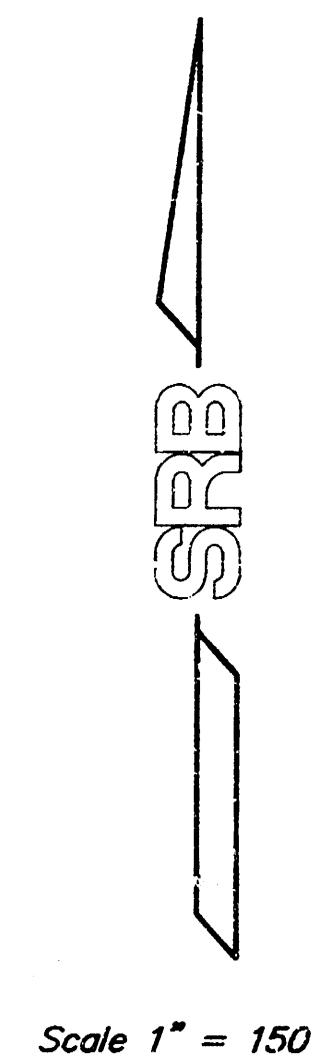
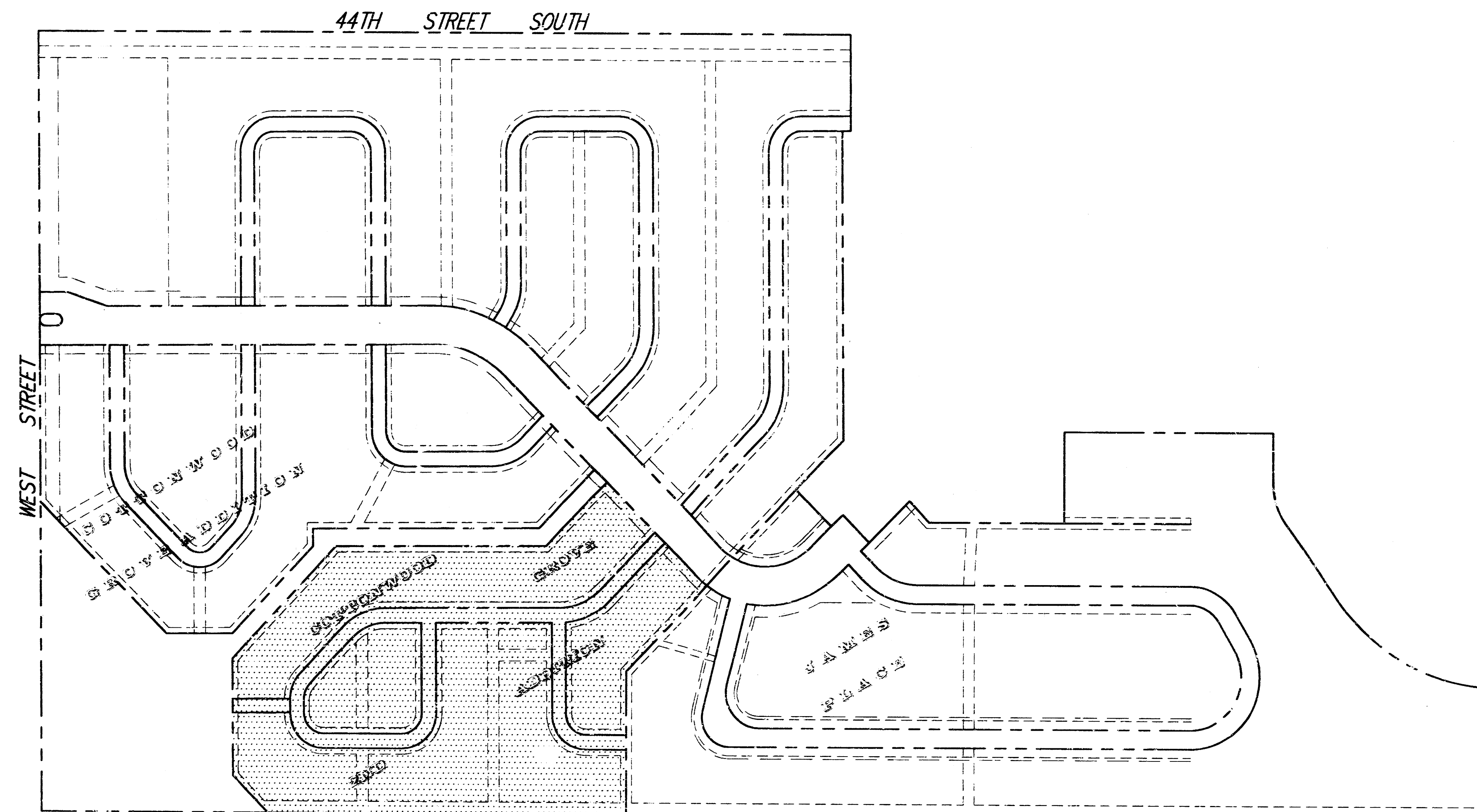


SITE DEVELOPMENT PLANS
COTTONWOOD GROVE 2ND ADDITION
 INCLUDING PRIVATE STORM SEWER #684 PPS (607861)



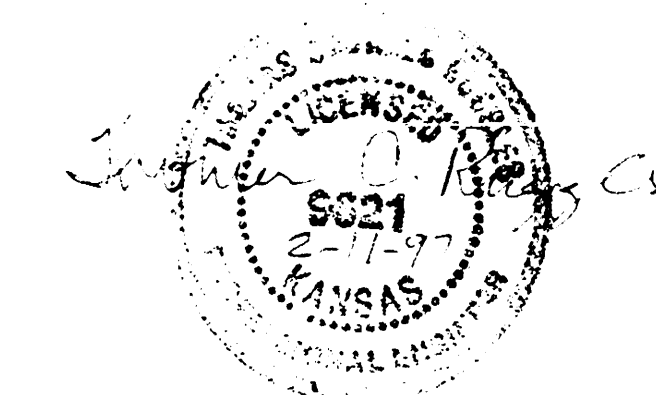
INDEX OF SHEETS

- | | |
|----|------------------------------|
| 1. | TITLE SHEET |
| 2. | SITE PLAN |
| 3. | SITE UTILITIES PLAN |
| 4. | SITE GRADING & PAVEMENT PLAN |
| 5. | STORM SEWER PLAN & DETAILS |
| 6. | SITE DETAILS |

BOOKED
 39-98
 MCL
 D-385

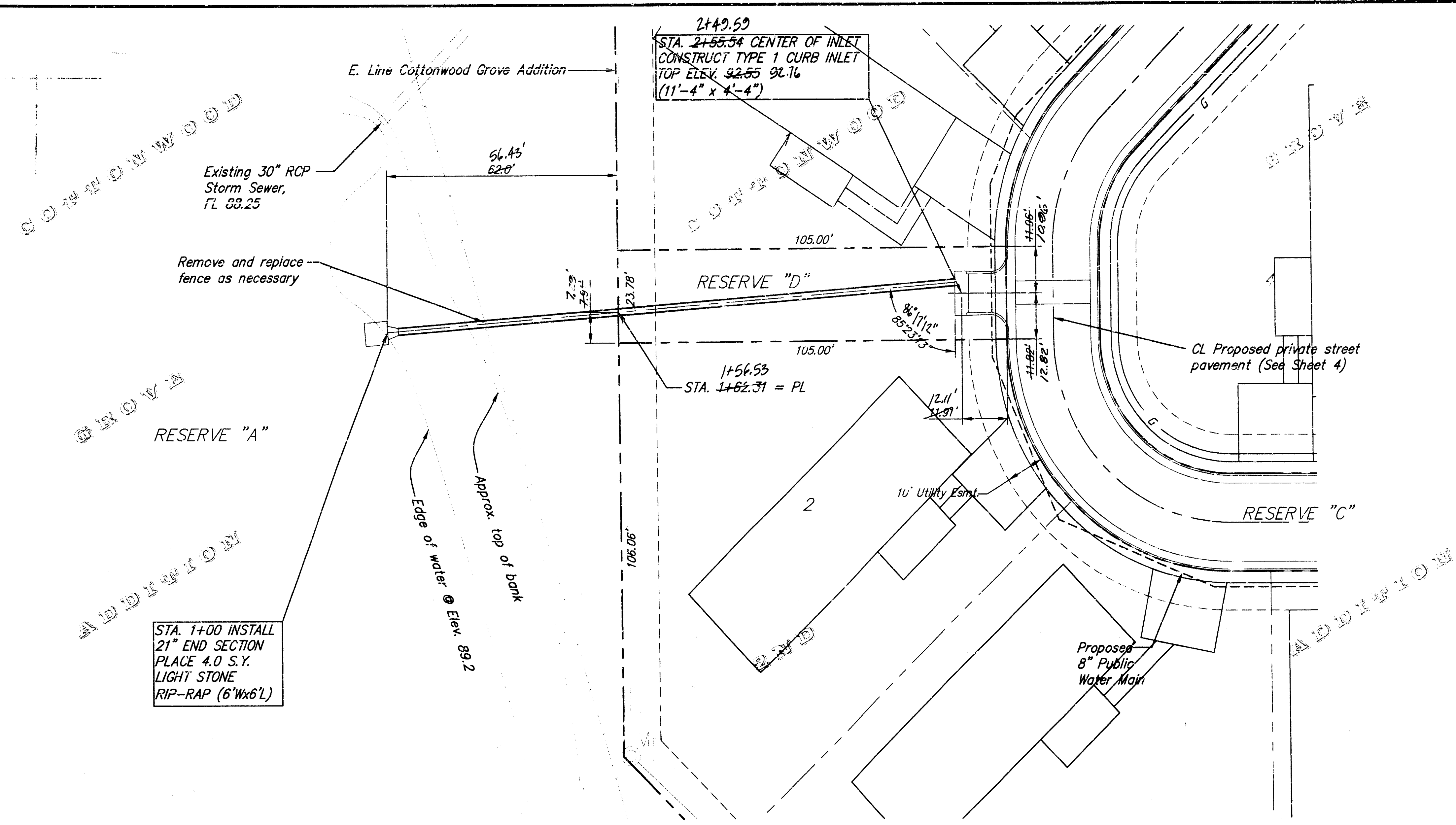
BENCH MARKS

- * " CUT ON TOP OF S. CURB 44TH ST. S.
- E. END OF CURVE ON N. SIDE OF LOT 3, BLOCK 2, COTTONWOOD GROVE ADDITION; ELEV. 95.40
- * " CUT ON TOP OF HUBGUARD
- CENTER OF E. GUARDRAIL OF ROBC ON WEST ST. S. OF 44TH ST.; ELEV. 94.19



"AS BUILT" 5-21-97 TEB

SRB 924 NORTH MAIN 316-264-8008
 WICHITA, KANSAS 67203 FAX 264-4621
SAVOY, RUGGLES & BOHM, P.A.
 ENGINEERING & SURVEYING



GENERAL NOTES

1. All work on this project shall conform to the Standard Specifications for Storm Sewer Construction of the City of Wichita.
2. Locating dimensions are to center of new wet box.
3. All off site areas which may be disturbed by Contractors operation shall be restored in accordance with City of Wichita Administrative Regulation AR-7B.
4. The Contractor shall notify Kansas One-Call (687-2470) a minimum of 48 hours prior to any excavation.
5. Traffic will not be affected by construction of this project.

RUNOFF CALCULATIONS:

D.A. = 7.3 Acres
C₁ = 0.60
I₂ = 3.83"/hr.
Q₁ = 16.8 cfs

T_c = 15 Min.
C₁₀₀ = 0.65
I₁₀₀ = 7.37"/hr.
Q₁₀₀ = 35.0 cfs

Scale: PLAN
1" = 20'
PROFILE
1" = 5' Horiz.
1" = 5' Vert.

BENCH MARKS

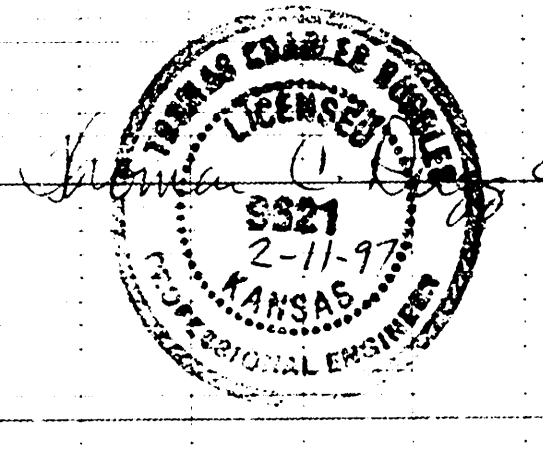
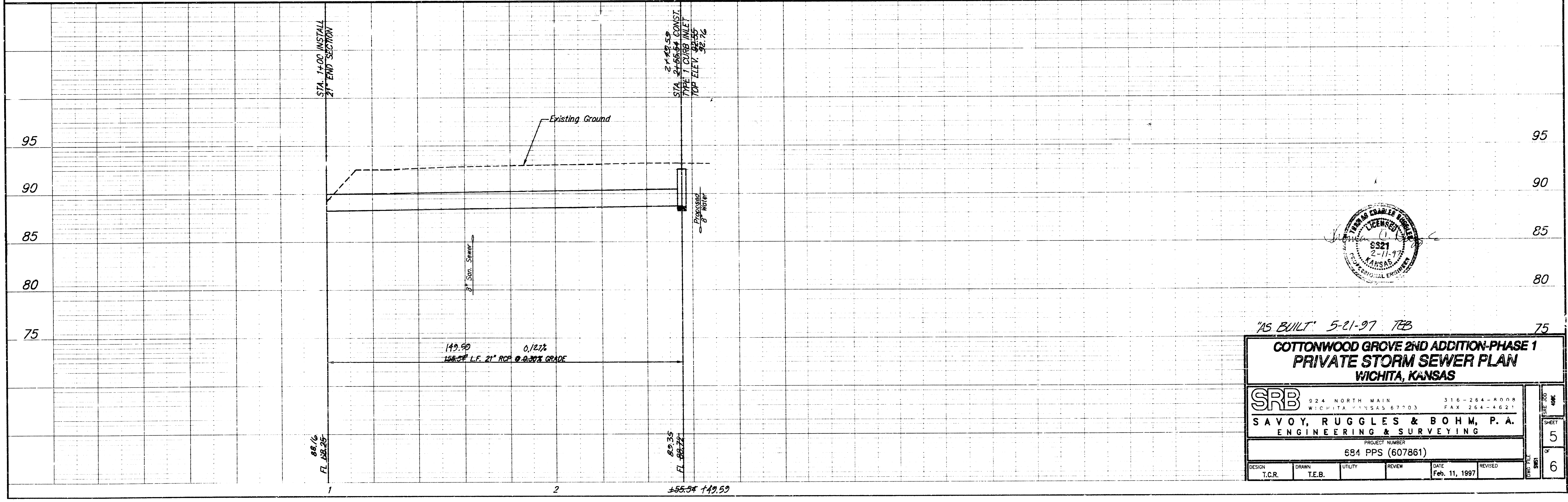
- * " CUT ON TOP OF S. CURB 44TH ST. S.
- * E. END OF CURVE ON N. SIDE OF LOT 3, BLOCK 2, COTTONWOOD GROVE ADDITION, ELEV. 95.40
- * " CUT ON TOP OF HUBGUARD
- * CENTER OF E. GUARDRAIL OF RCB ON WEST ST. S. OF 44TH ST. ; ELEV. 94.19

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 are to be provided by a Licensed Consulting Engineer, 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 public right-of-way by the Contractor without such inspection, nor shall any work be commenced without written authorization by the City Engineer.



"AS BUILT" 5-21-97 TEB

COTTONWOOD GROVE 2ND ADDITION-PHASE 1
PRIVATE STORM SEWER PLAN
WICHITA, KANSAS

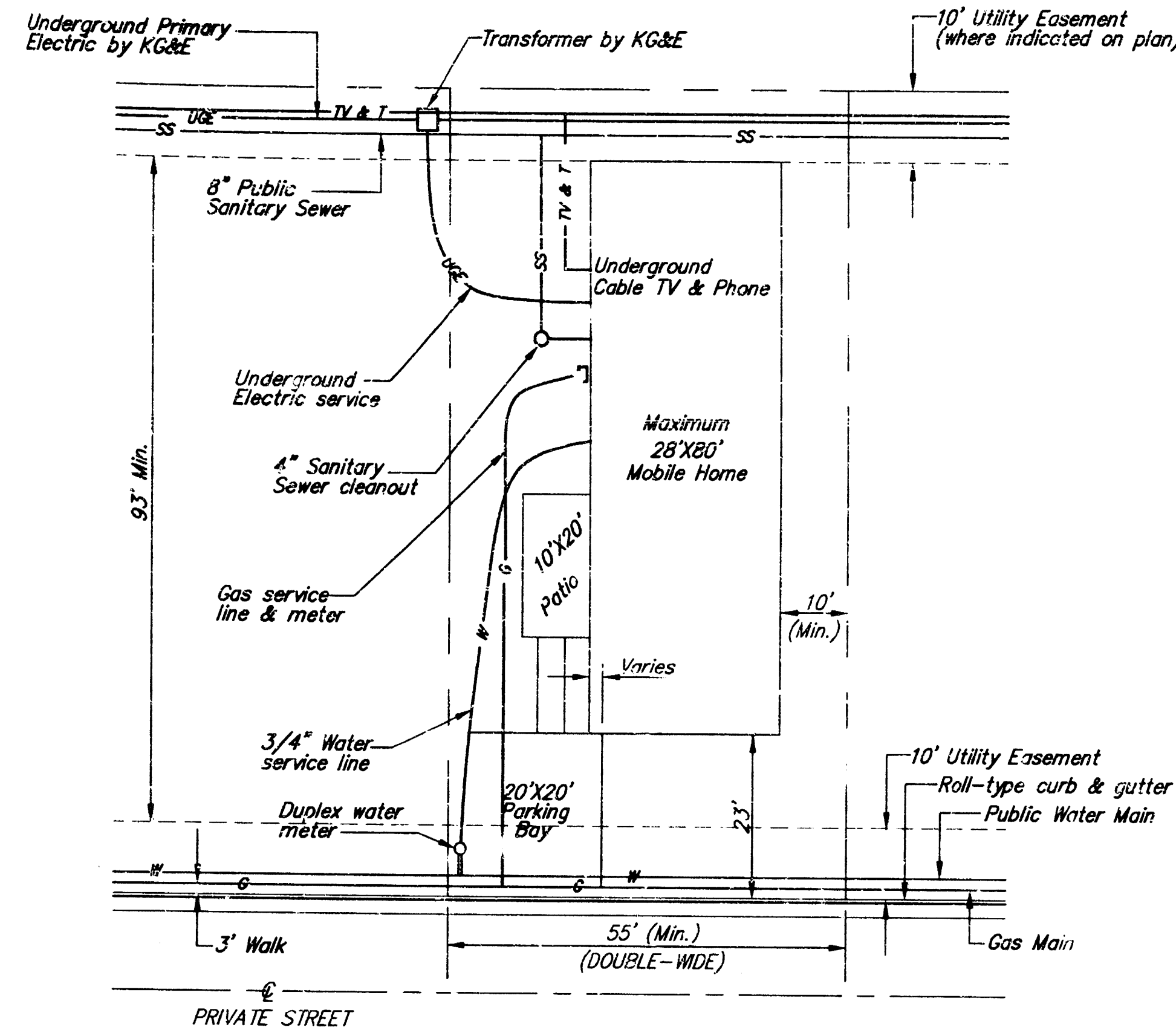
SRB 924 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008 FAX 264-4621

SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

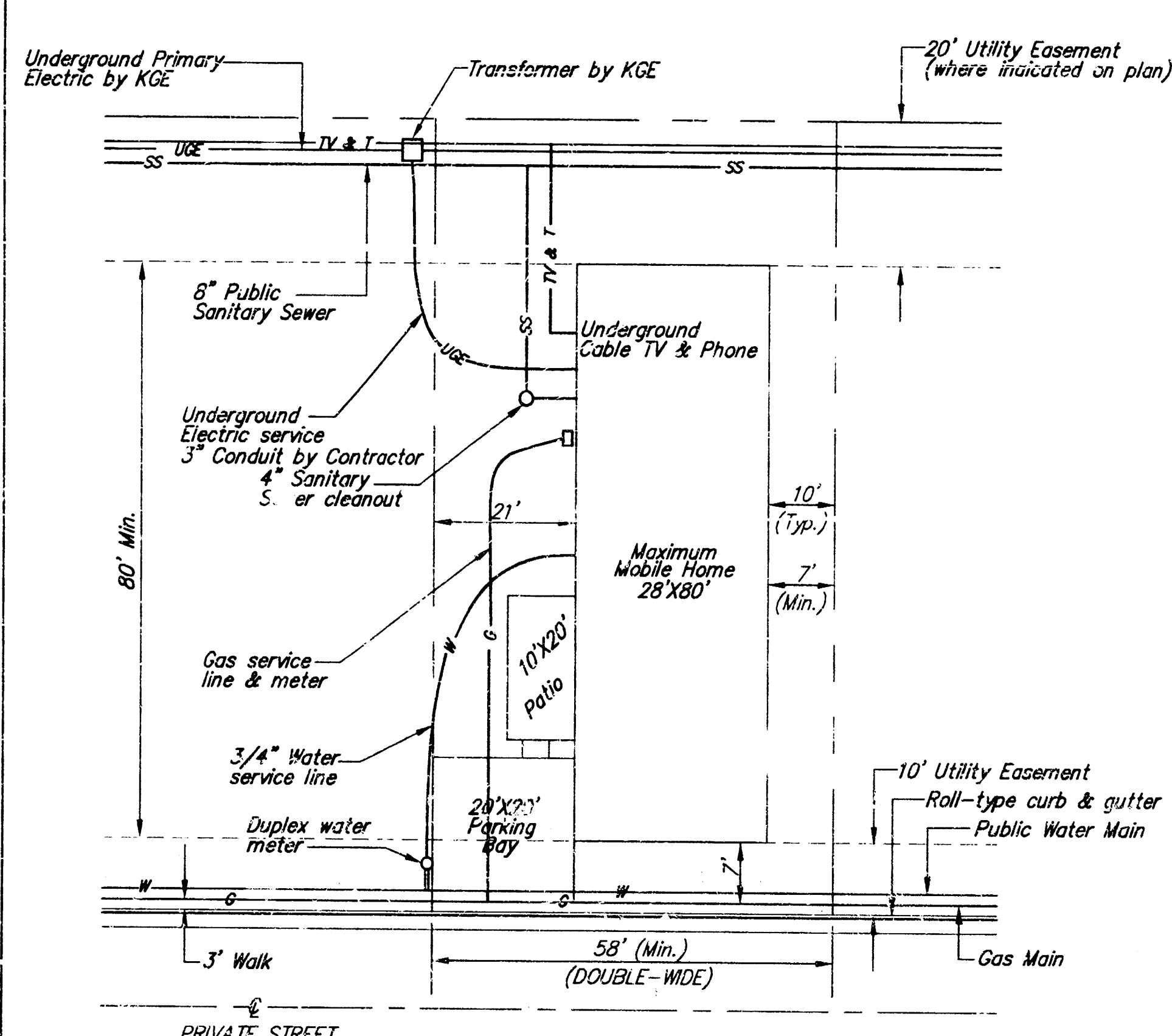
PROJECT NUMBER
684 PPS (607861)

DESIGN T.C.R. DRAWN T.E.B. UTILITY REVIEW DATE Feb. 11, 1997 REVISED

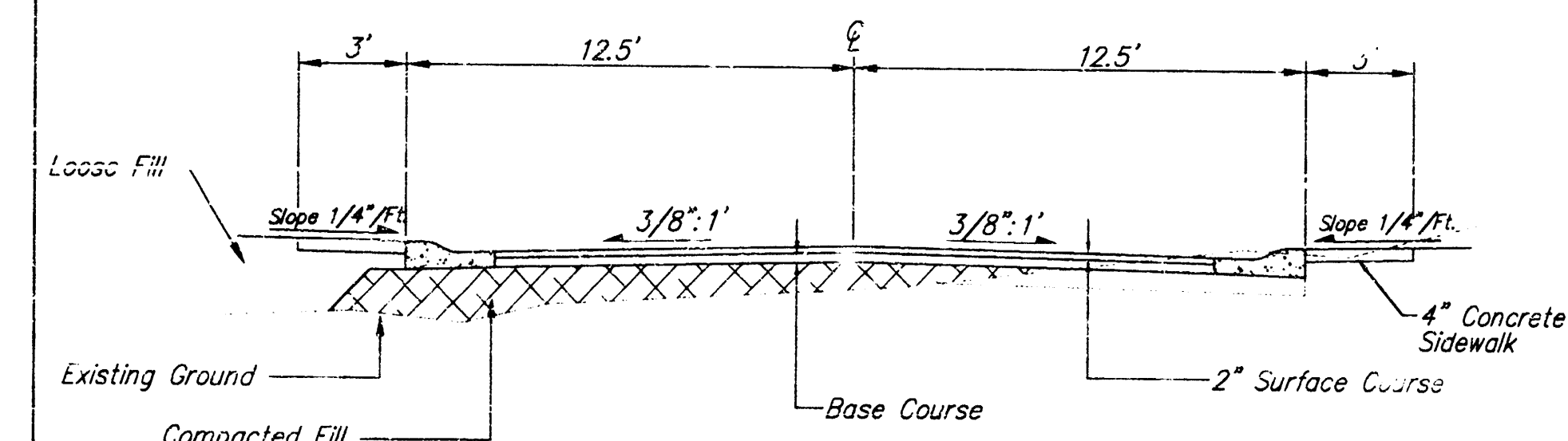
SHEET 5 OF 6



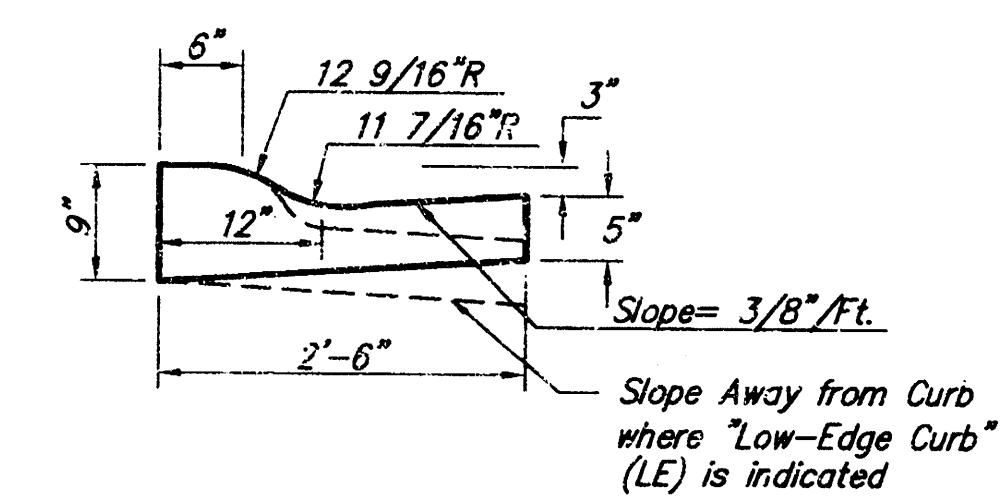
ALTERNATE MOBILE HOME LAYOUT



ALTERNATE MOBILE HOME LAYOUT



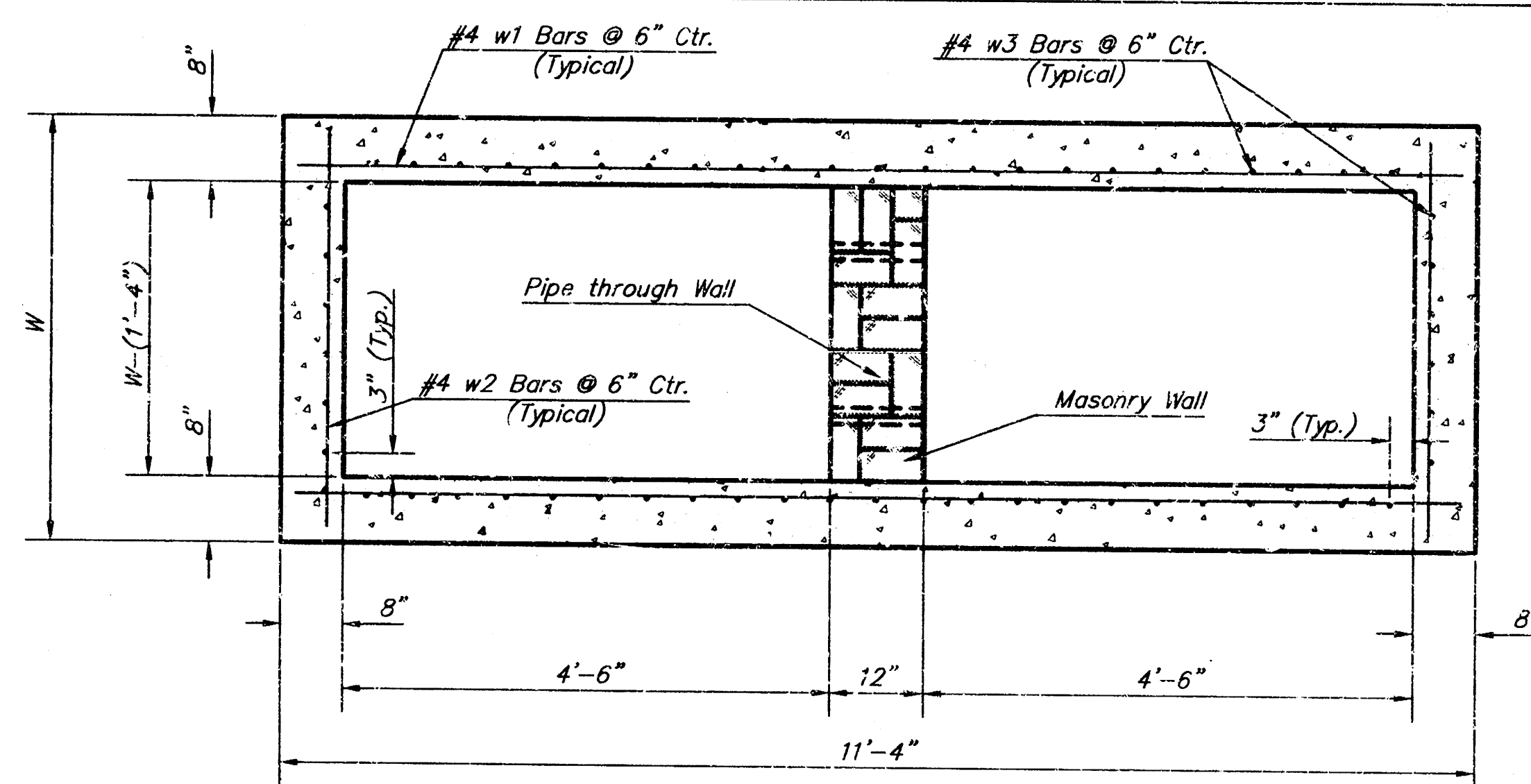
TYPICAL PAVEMENT SECTION



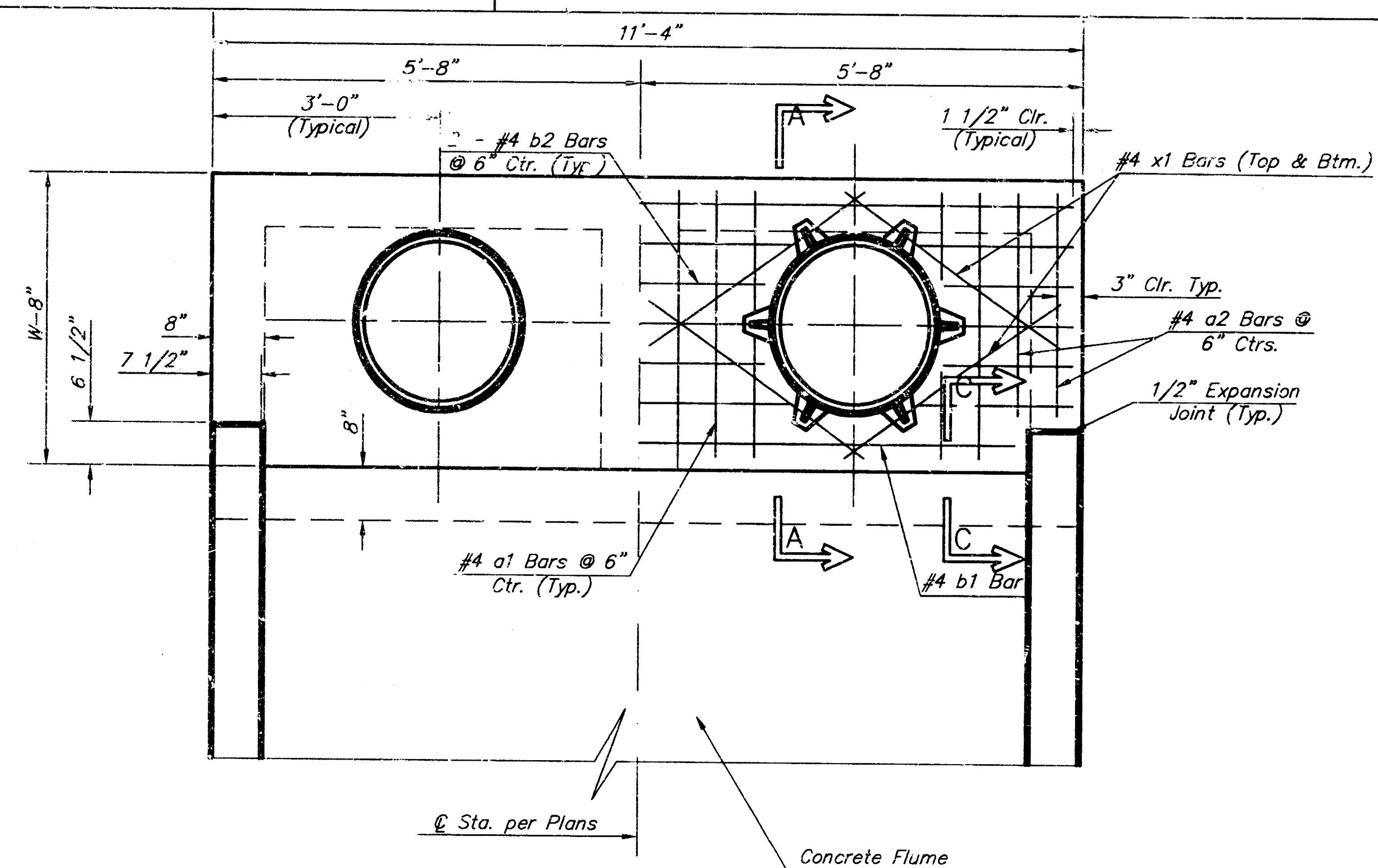
COMBINED ROLL TYPE CURB & GUTTER (3 5/8")

GENERAL NOTES:

1. The contractor shall be required to construct 8" brick masonry walls between the concrete inlet base and top on this inlet when $W=6'-4"$ or less and $H=7'-0"$ or less. When W is greater than $6'-4"$ and H is less than $7'-0"$ the outside inlet walls below the brick stack shall be reinforced concrete construction and the center wall shall be of masonry construction as shown for the masonry wall option.
2. Inlet invert shall be shaped with 8 sack sand mix concrete to create flow channels and to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipes.
3. Concrete taps to be installed on thin mortar cushion to insure full support along brick walls. Concrete taps may be cast in place or precast. Concrete used for inlet construction shall be concrete pavement mix.
4. Inlet top reinforcing shall be spaced on 6" max. centers. Inlet lids shall be notched out as indicated to facilitate construction of curb. Bars in inlet top to be field bent or cut to clear manhole ring.
5. The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.

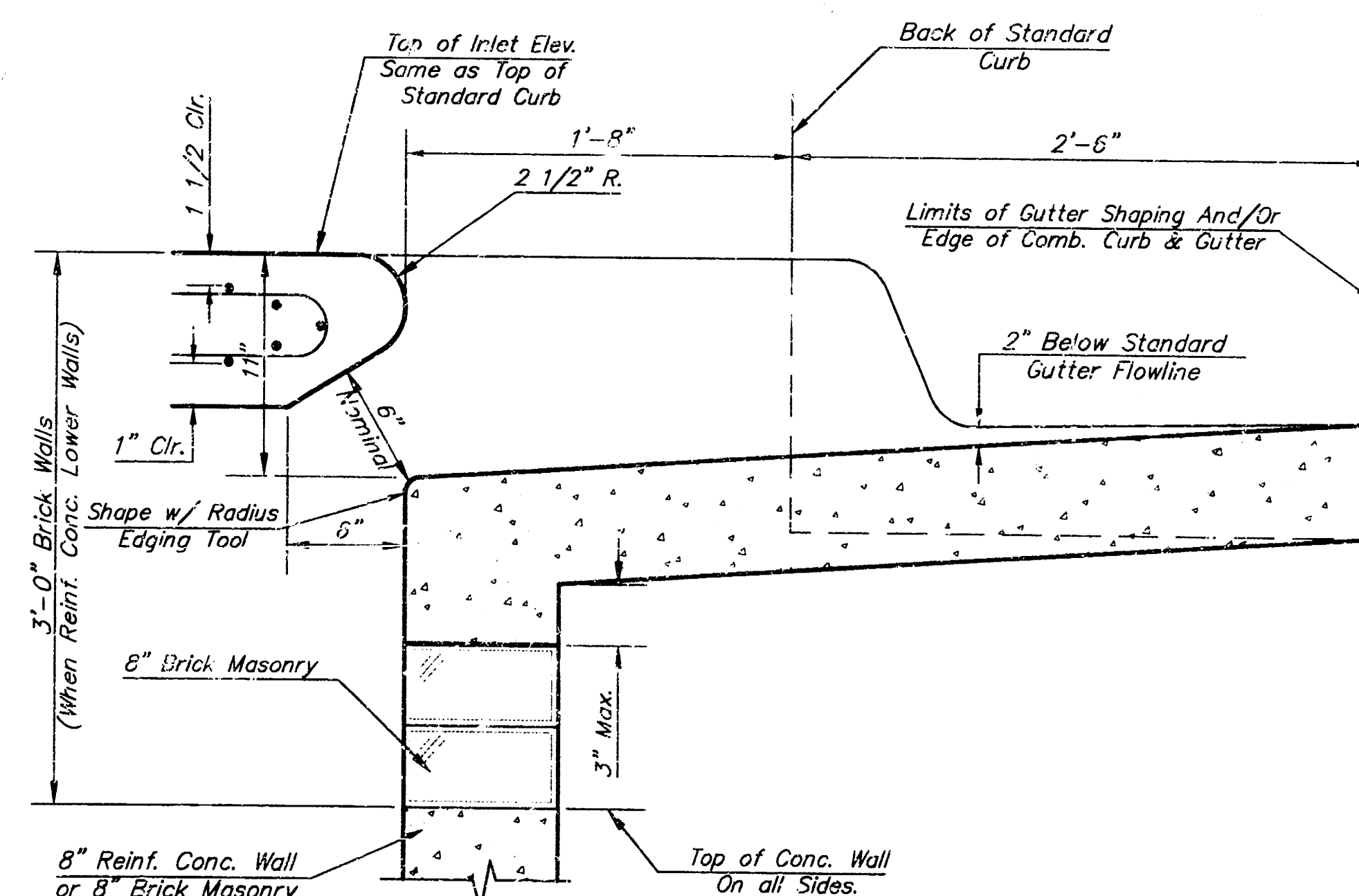


SECTION B-B

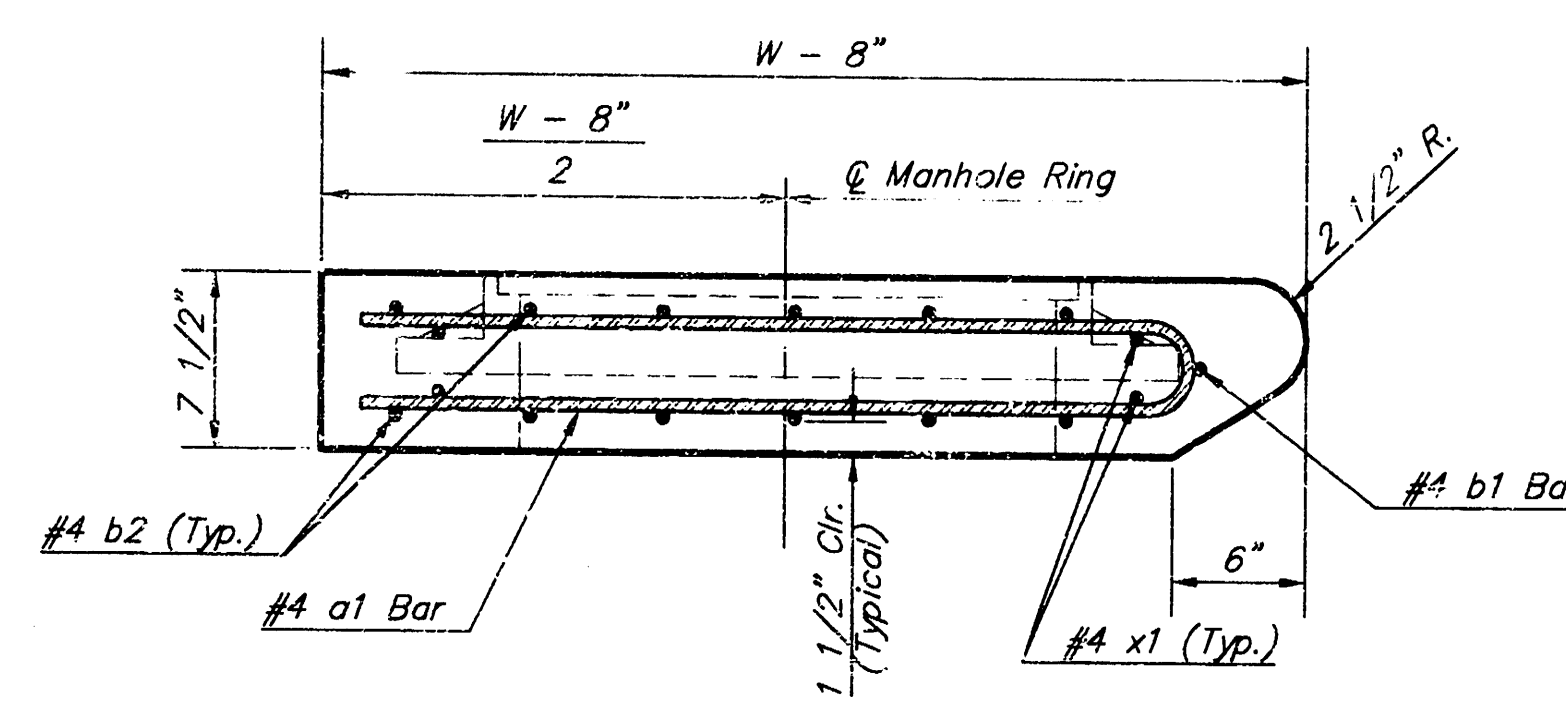


PLAN

*Left Side Shown Without Slab Reinforcing.
Right Side Shown With Slab Reinforcing



SECTION C-C



SECTION A-A

"AS BUILT" 5-21-97 TEB

COTTONWOOD GROVE 2ND ADDITION - PHASE 1
UTILITY & PAVEMENT DETAILS
WICHITA, KANSAS

SRB		924 NORTH MAIN	316-264-8008
		WICHITA, KANSAS 67203	FAX 264-4621
SAVOY, RUGGLES & BOHM, P. A.			
ENGINEERING & SURVEYING			
PROJECT NUMBER			
SWS PROJ. #884 PPS (607861)			
DESIGN	DRAWN	UTILITY	REVIEW
T.C.R.	T.E.B.		
DATE		REVISED	
Feb. 11, 1997			

DATE	1997	YEAR
SHEET	6	
OF		
6		