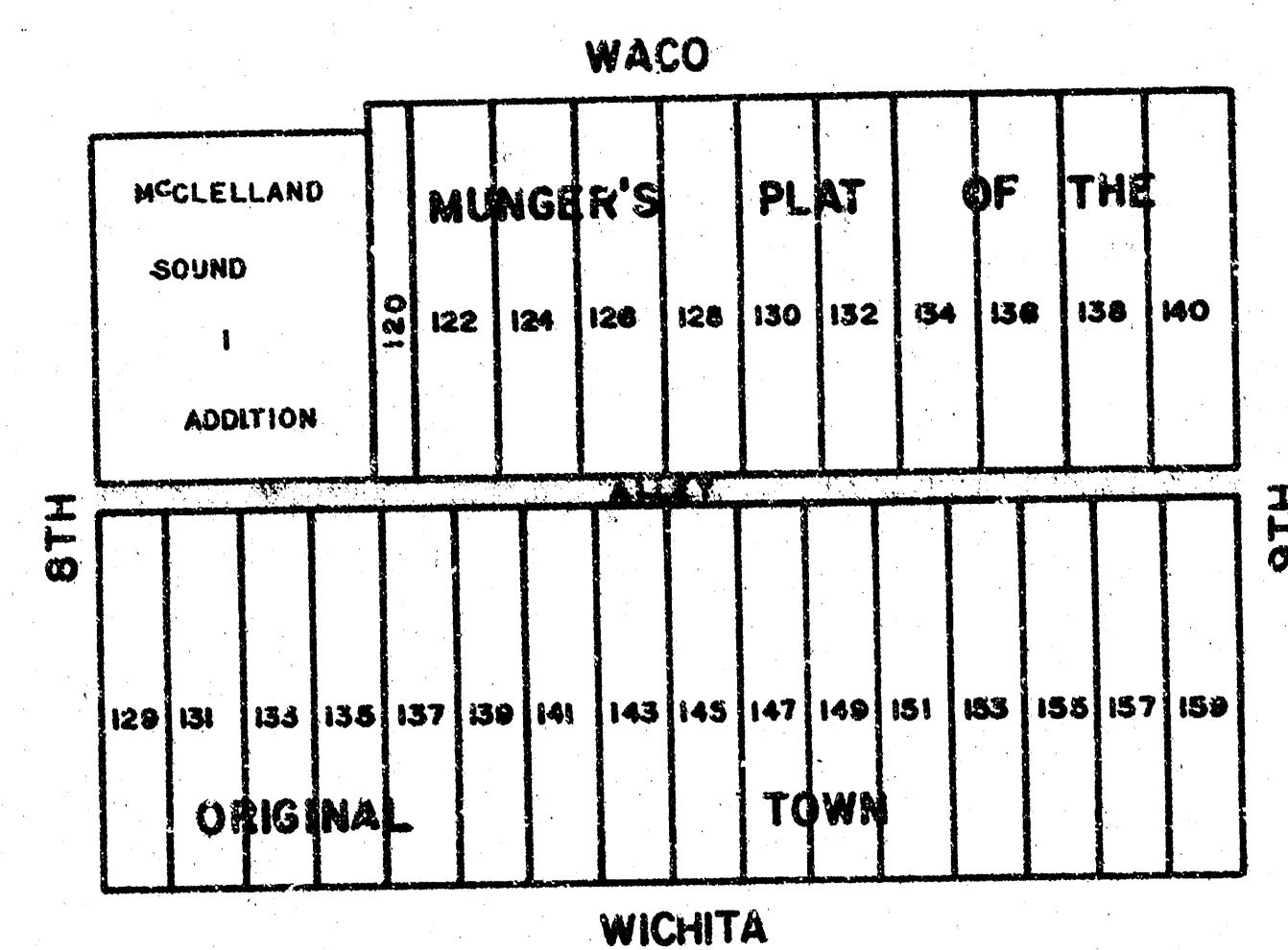
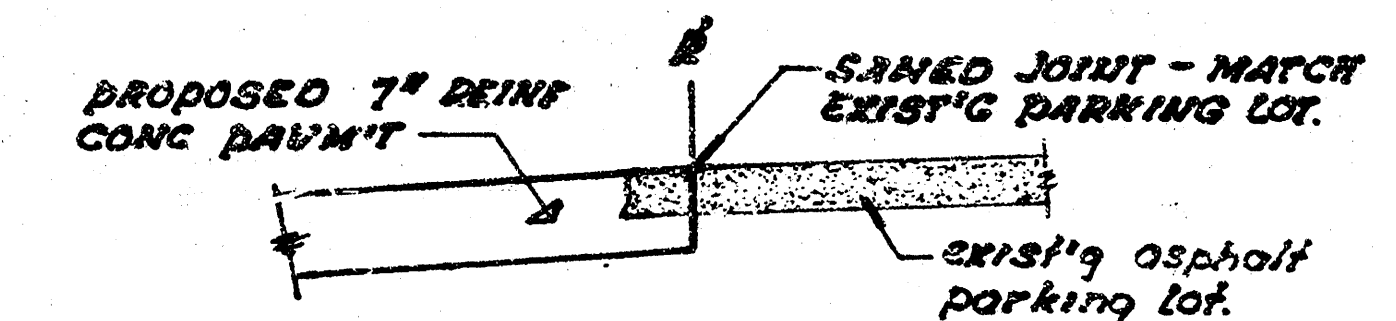
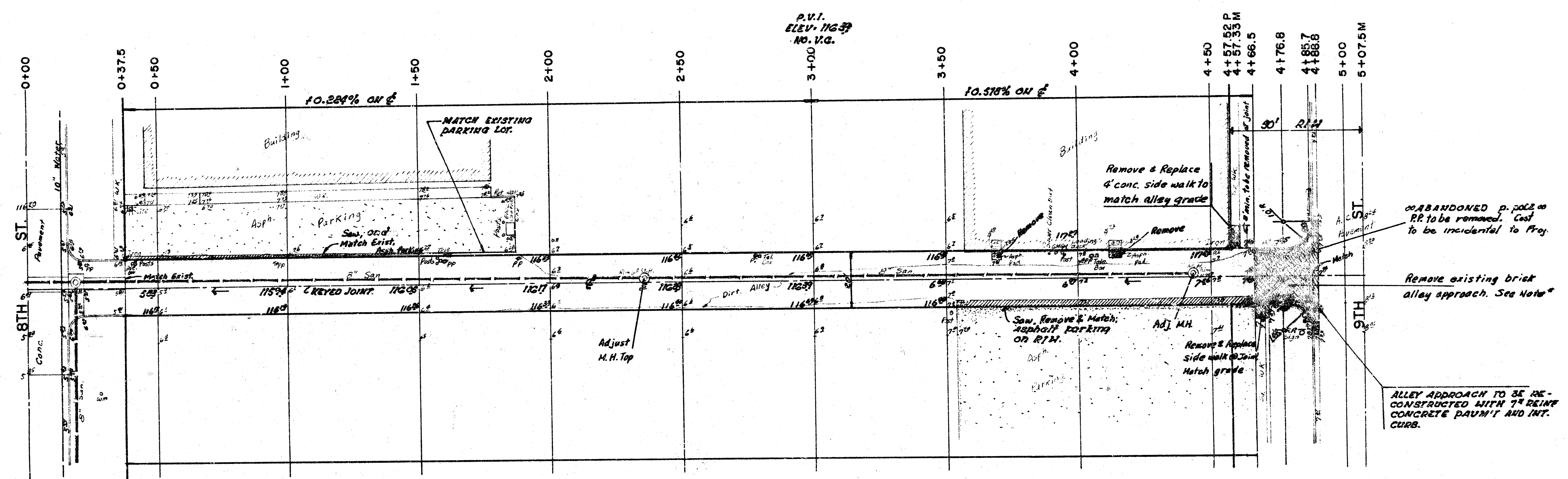
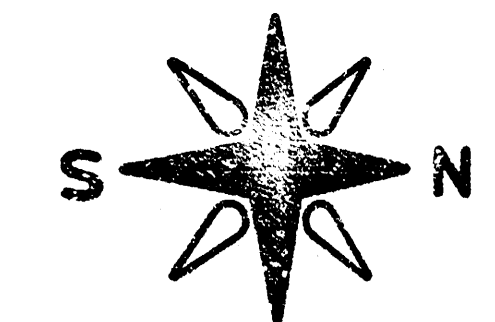


CONCRETE ALLEY BETWEEN WACO & WICHITA FROM N.L. 8TH TO S.L. 9TH



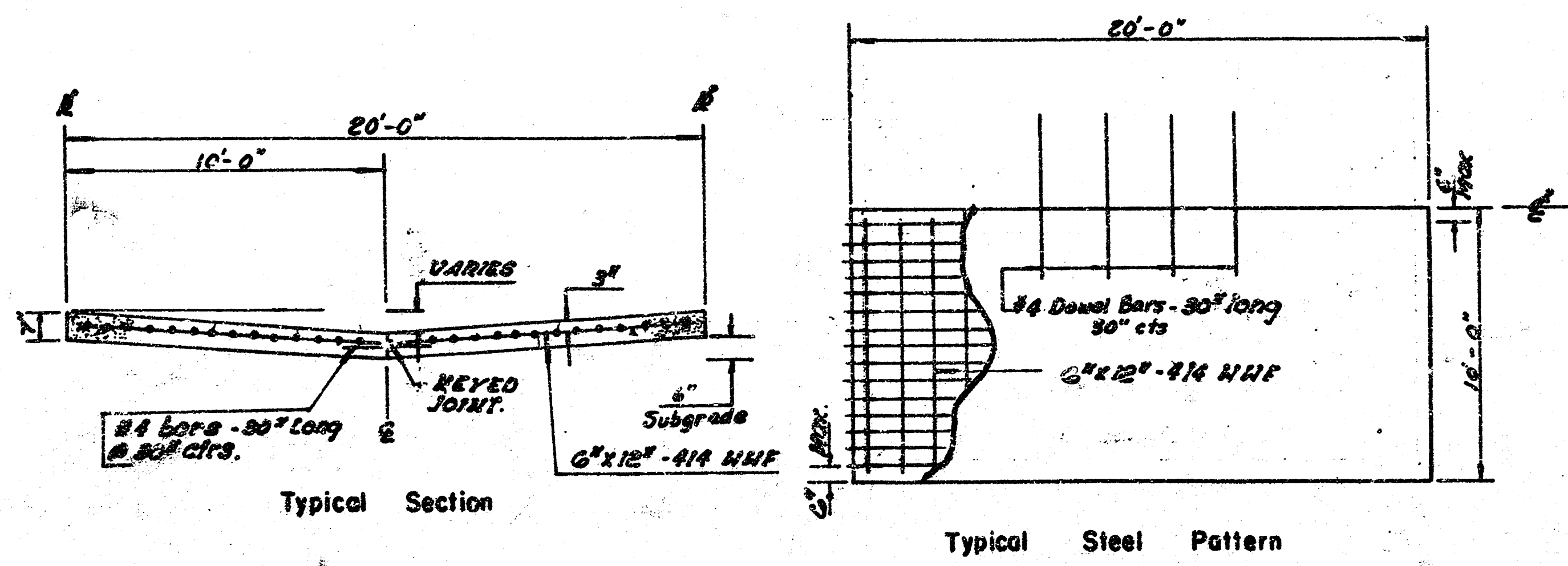
PROJECT DESCRIPTION	
ALLEY BETWEEN WACO & WICHITA FROM N.L. 8TH TO S.L. 9TH	
PROJECT NUMBER 472-76-245-31279-000-000-001	
BOOK NO. MGP24	APPROVED BY
DATE	REVISOR
CITY OF WICHITA DEPARTMENT OF ENGINEERING	
DIRECTOR OF ENG./CITY ENGINEER R. W. BRUGGEMAN	
SCALE 1" = 80'	

B.M. 116.72 "a" Top of Ch. S. End of Median C. WACO, N.L. MURDOCK
 B.M. 116.18 "a" N. Ch. 8TH at S. Ret. W. Side Alley Bet. WACO & WICHITA
 B.M. 116.47 NE Cor. Conc. Wk. N. Side Building at SE Cor. WACO & 9TH



*Note: Bricks shall be salvaged and hauled to designated location with no added cost. Contractor shall call Operation & Maintenance Dept. at 268-4291 for location.

Excavation = 253.4 C.Y.
 +10% = 25.8 C.Y.
 Total = 289.2 C.Y.



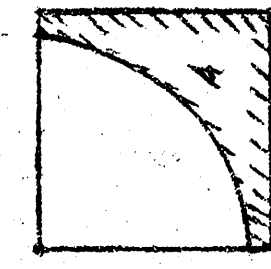
- GENERAL NOTES
- CONTRACTOR'S PAVING SCHEDULE SHALL BE COORDINATED WITH UNDERGROUND SEWER AND TELEPHONE SERVICE CONNECTIONS.
 - PARKING LOT BEHIND THE RIGHT-OF-WAY THAT IS REQUIRED TO FACILITATE THE CONTRACTOR'S CONSTRUCTION PROCEDURES SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
 - CONTRACTOR SHALL NOTIFY JERRY BLAINE, 258-4210, AND ARRANGE TO HAVE THE SANITARY SEWER REEVALUATED FOLLOWING THE COMPLETION OF THE SUBGRADE WORK AND PRIOR TO THE PLACING OF THE PAVEMENT. ANY SEWER DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.

CAUTION
 UNDERGROUND
 UTILITIES
 Please check with K G & E or
 Southwestern Bell
 Telephone Co. for location

PROJECT DESCRIPTION	
ALLEY BETWEEN WACO & WICHITA FROM NL 8TH TO S.L. 9TH	
PROJECT NUMBER 472-76-245-81279-000-000-001	
BOOK NO. MSP 24	APPROVED BY
DATE	REVISION
CITY OF WICHITA DEPARTMENT OF ENGINEERING	
DIRECTOR OF ENG./CITY ENGINEER R. W. BRUGSMAN	SCALE 1" = 20'

120

116



$$A = 10 \times 10 - \frac{1}{4} \pi \times 10^2$$

$$= 29.1 \text{ c'}$$

4+85.7 C=12.4

$$\text{Exc} = 15.3 - \left(19.182 \times \frac{3}{12} \right) / 2.7$$

$$+ 2 \left(29.1 \times 1.2 \right) / 2.7$$

$$= 14.5$$

Brick thickness assumed
Brick Volume
25,000

120

115

4+59.5 C=16.9
SL 924

Exc = 35.7

120

115

4+00 C=16.6

Exc = 29.0 CY

120

115

3+50 C=14.7

Exc = 29.3 CY

120

115

3+00 C=16.9

Exc = 32.5 CY

120

115

2+50 C=18.2

Exc = 32.2 CY

120

115

2+00 C=16.6

Exc = 29.1 CY

120

115

1+50 C=14.8

Exc = 26.5 CY

120

115

1+00 C=13.8

Exc = 24.3 CY

120

115

0+50 C=12.4

Exc = 5.3 CY

120

115

0+37.5 C=10.3
N.L. 824

Total Exc = 258.4 CY

Alley Between Naco & Wichita
from N.L. 824 to S.L. 924



44 40 3 15