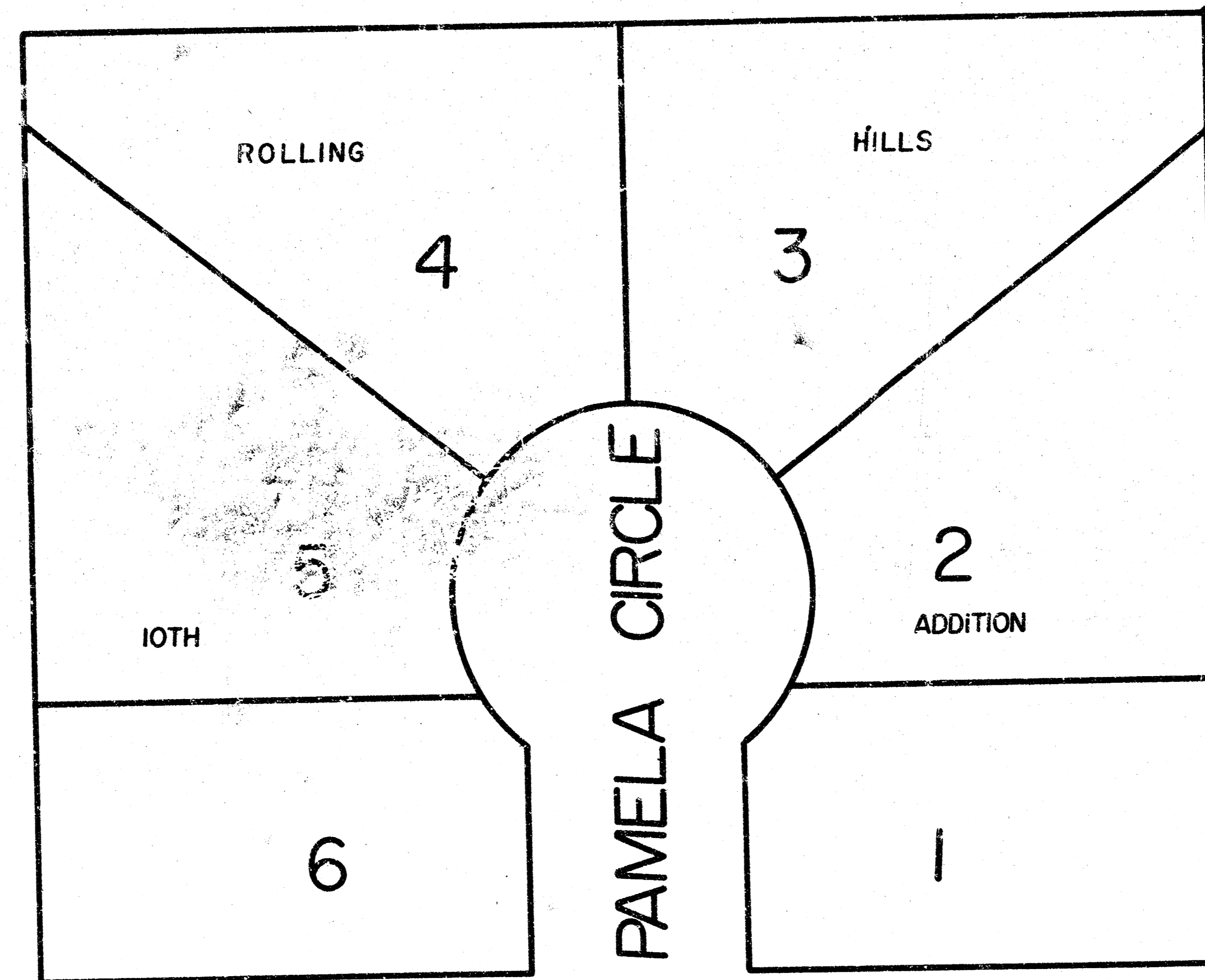
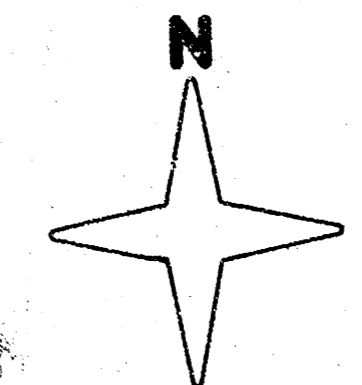


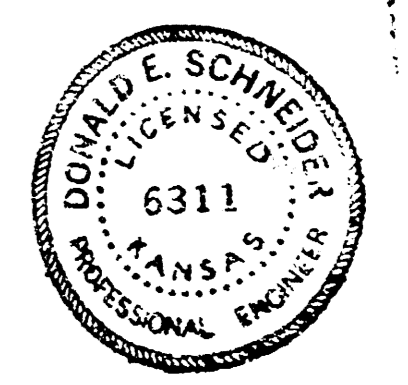
PAMELA CIRCLE  
 N.L. Hardtner to & including C-D-S  
 Project # 472-76-245-81201-000-000-001



HARDTNER AVE.

GENERAL NOTES:

- (1) CONSTRUCT ROLL-TYPE CURB ON THIS PROJECT. CURBS SHALL BE DEPRESSED THROUGH DRIVES WHEN DRIVES ARE CONSTRUCTED AS A PART OF THIS CONTRACT. NO MORE THAN SIX (6) TWENTY FOOT (20') DRIVES ARE TO BE CONSTRUCTED WITHIN THIS PROJECT.
- (2) WIDENED CUTTER SECTION OF COMBINED CURB AND CUTTER AT INTERSECTIONS WILL NOT BE PAID FOR DIRECTLY, AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER PAY ITEMS OF WORK.
- (3) PROPERTIES WITHIN THE PROJECT LIMITS WHICH HAVE UNDERGROUND SPRINKLER SYSTEMS IN PUBLIC RIGHT-OF-WAY WHICH CONFLICT WITH NEW CONSTRUCTION HAVE BEEN NOTIFIED TO REMOVE SUCH IMPROVEMENTS. CONTRACTOR WILL BE REQUIRED TO REMOVE SUCH IMPROVEMENTS SHOULD THEY NOT BE REMOVED BY THEIR OWNER AT THE TIME OF CONSTRUCTION. THE CONTRACTOR WILL BE REQUIRED TO SALVAGE ALL SPRINKLER HEADS AND/OR VALVES AND GIVE SUCH MATERIAL TO THEIR OWNER. PORTIONS OF UNDERGROUND SPRINKLER SYSTEMS NOT IN CONFLICT WITH NEW CONSTRUCTION SHALL BE PROTECTED FROM DAMAGE AND SHALL REMAIN IN PLACE. ALL WORK IN CONNECTION WITH UNDERGROUND SPRINKLER SYSTEMS SHALL BE CONSIDERED AS SUBSIDIARY TO THE CONTRACT PAY ITEMS OF WORK.

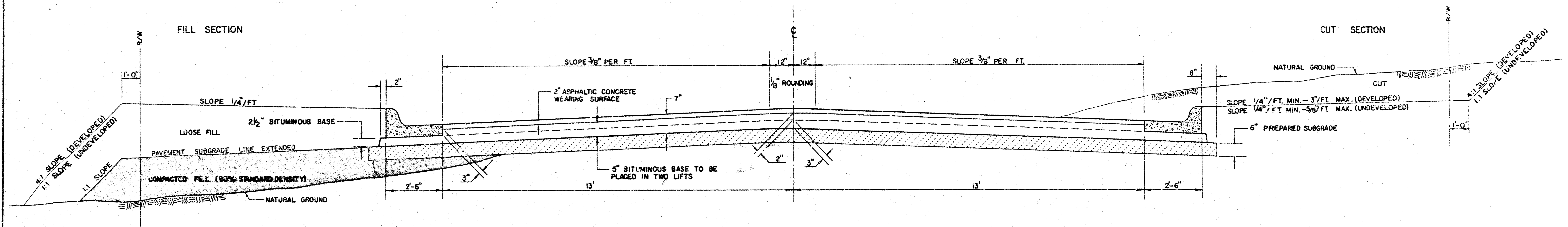


PROJECT DESCRIPTION		
PAMELA CIRCLE		
472-76-245-81201-000-00		
PROJECT NUMBER		
472-76-245-81201-000-000-001		
BOOK NO. DWV 10	APPROVED BY	DATE 7/83
DRAWN BY RAH		REVISED
CITY OF WICHITA		
DEPARTMENT OF ENGINEERING		
M.E. LINDEBAK	CITY ENGINEER	SCALE 1" = 20'

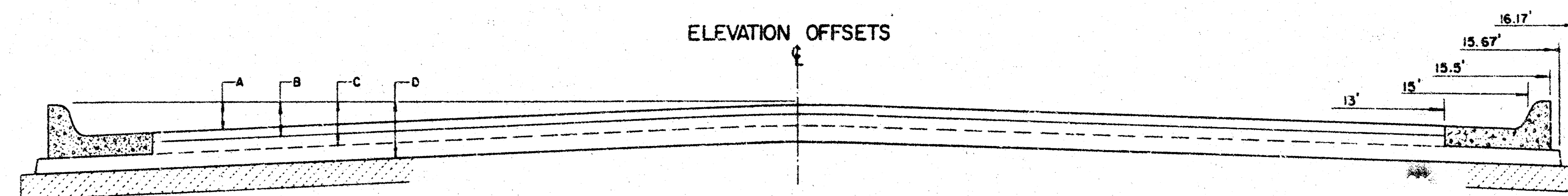
# TYPICAL 3' PAVEMENT DETAILS

## PAMELA CIRCLE

### TRANSVERSE SECTION

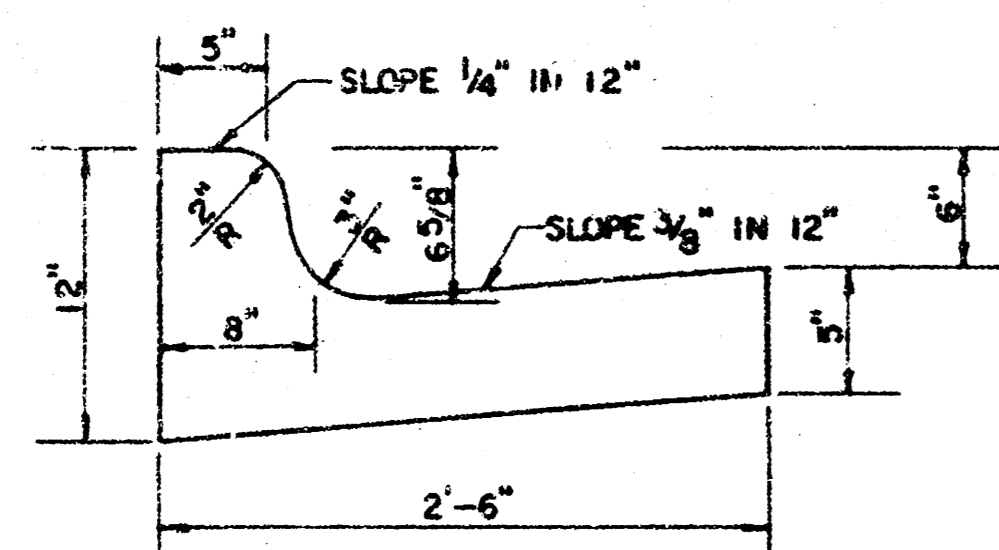


### ELEVATION OFFSETS

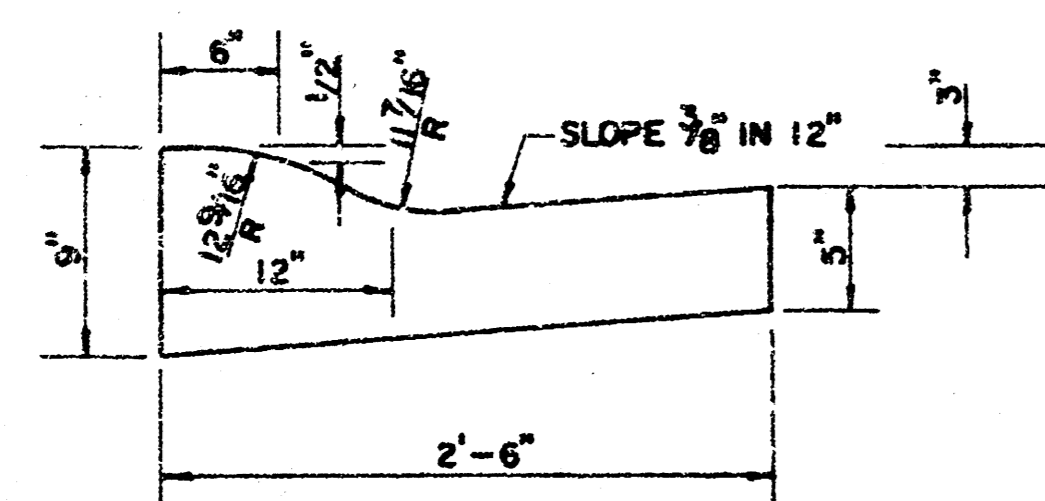


	DISTANCE FROM CENTERLINE (LT. & RT.)											
	0'	2'	4'	6'	7.5'	10'	12'	13'	15'	15.5'	15.67'	16.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.10	0.14	0.21	0.27	0.32	0.39	0.45	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.27	0.31	0.38	0.44	0.49	0.56	0.63	0.66	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.44	0.49	0.57	0.64	0.70	0.79	0.87	0.90	0.98	1.00	1.00	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.69	0.73	0.80	0.87	0.93	1.01	1.08	1.12	1.19	1.21	1.21	1.23

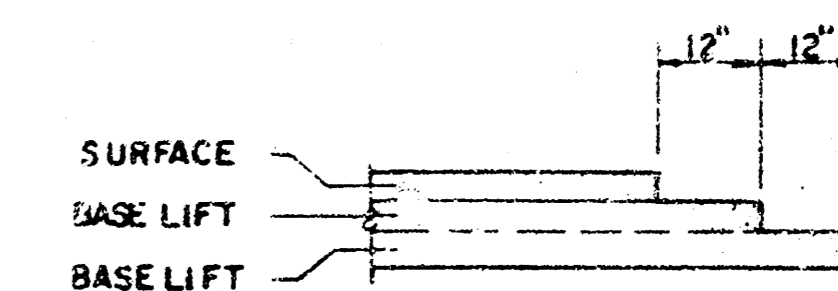
### COMBINED CURB & GUTTER



### ROLL TYPE COMBINED CURB & GUTTER



### TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS AS SHOWN BY THE DETAIL. THE COST OF CONSTRUCTION JOINTS SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

### GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.
- 6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

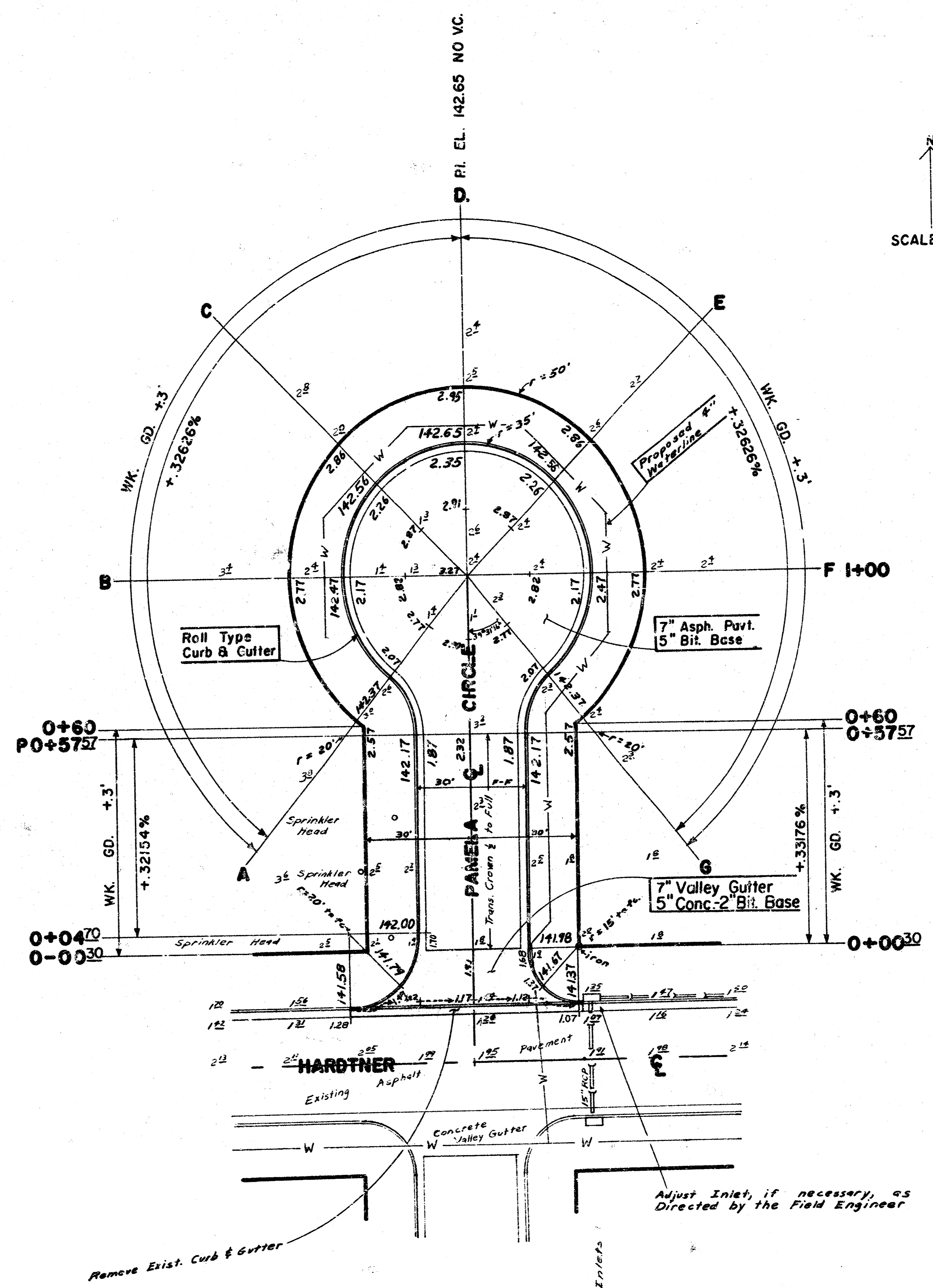


7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE  
 CITY OF WICHITA, KANSAS  
 PROJECT NUMBER  
 472-76-240-81201-000-000-001

B.M. 147.65 CITY STD. DISC - TOP HANDRAIL ON NE CORNER OF RCBC AT WESTLINK DRAIN & CENTRAL

B.M. 141.51 " " SE CORNER PAMELA & HARDTNER ON TC AT MIDDLE OF RETURN

N  
SCALE 1" = 20'

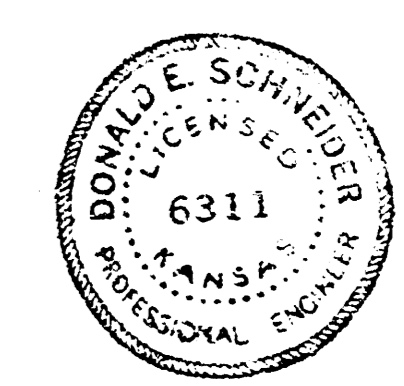


INTERSECTION QUANTITIES

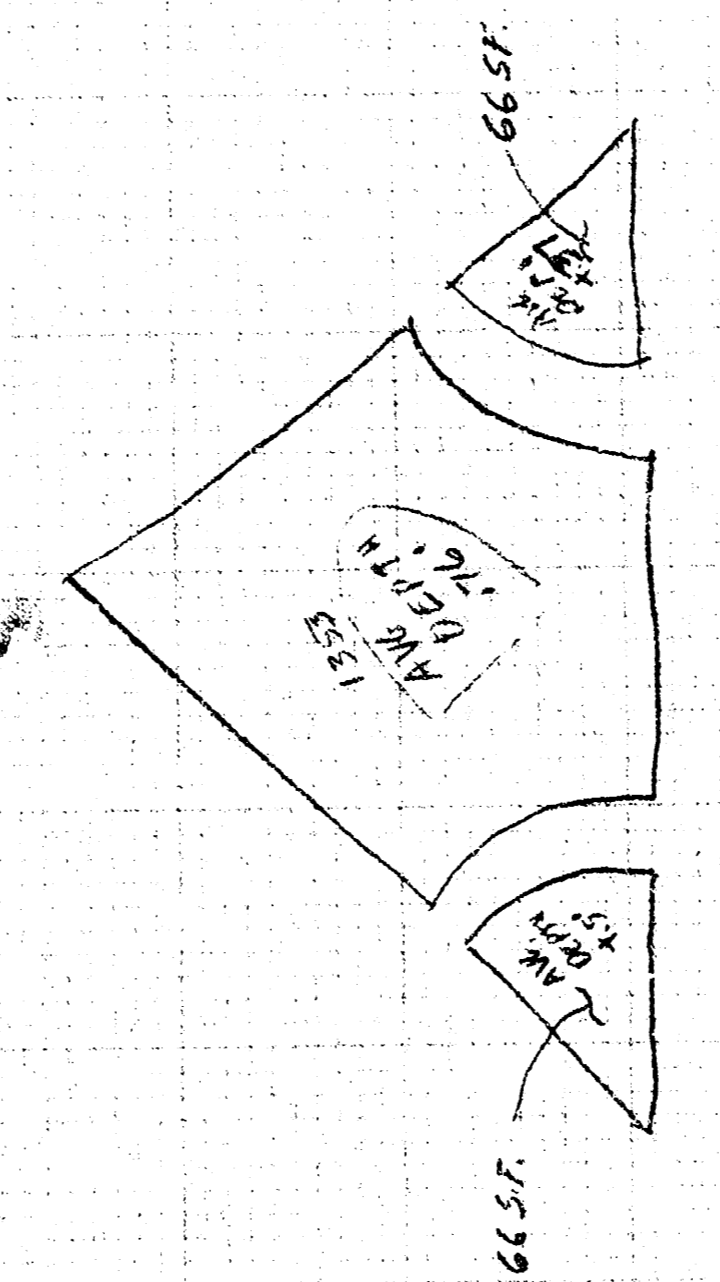
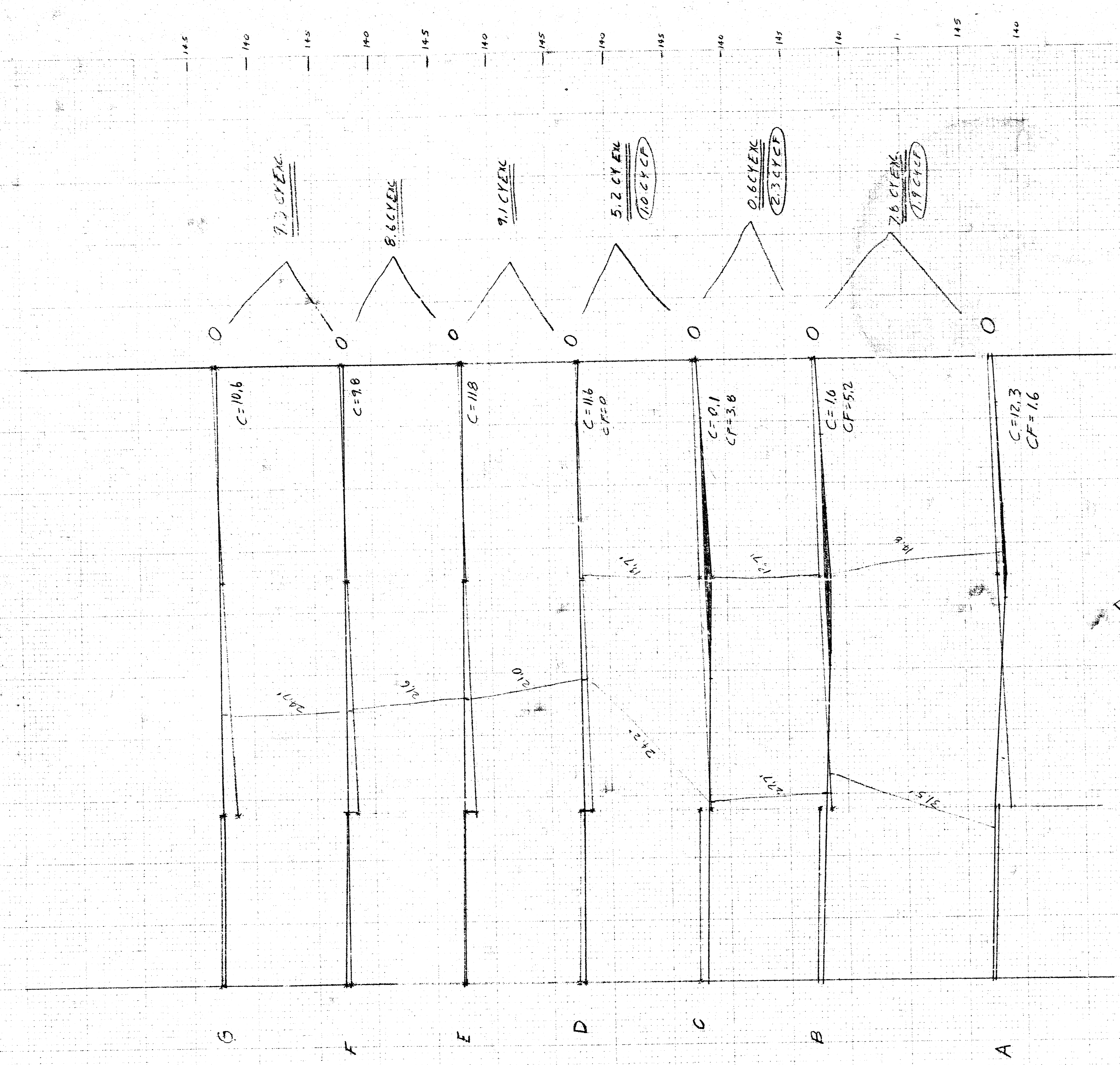
— S.Y. —	Concrete Pavement
— S.Y. —	Asphaltic Conc. Pavement ( — Bituminous Base)
— S.Y. —	Bituminous Base
56.0 L.F.	Combined Curb & Gutter Removed
51.0 L.F.	Integ. Curb (Roll)
— S.F.	4" Wheelchair Ramp
— S.F.	4" Walk
21.8 C.Y.	Excavation
0.6 C.Y.	Compacted Fill
— Lbs.	Reinforcing Steel
05.8 S.Y.	Manipulation
— Tons	Lime or Cement
22.0 S.Y. V.G.	5" Concrete & 2" Asphaltic Concrete Base

ACTUAL EXCAVATION 198.2 C.Y.  
+10% 19.8 C.Y.  
TOTAL EXCAVATION 218.0 C.Y.

ACTUAL MANIPULATION 805 S.Y.



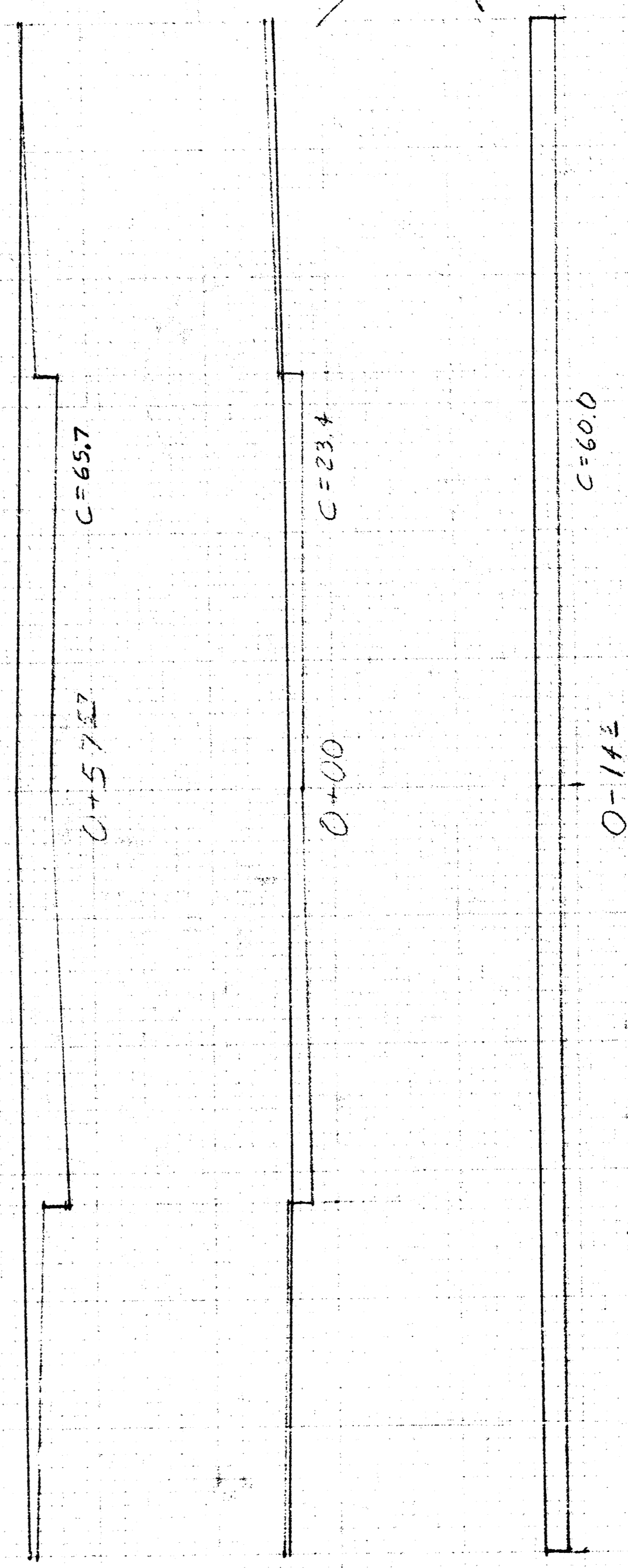
PROJECT DESCRIPTION		
<b>PAMELA CIRCLE</b>		
N. L. HARDTNER TO & INCL. C-D-S		
PROJECT NUMBER		
472-76-245-81201-000-000-001		
BOOK NO. DWY-10	APPROVED BY	DATE 6 / 63
DRAWN BY RAH		REVISED
CITY OF WICHITA		
DEPARTMENT OF ENGINEERING		
M. E. LINDEBAR	CITY ENGINEER	SCALE 1" = 20'



40.2 CY EXC

95.0 CY EXC

22.4 CY EXC



EXC 198.2 CY  
CF 5.2 CY



PAMELA CIRCLE  
472-76-265-B/201-000-000-001

10 4 5 30

WEST BROTHERS  
ENGINEERING & ARCHITECTURE CO.  
1100 LEXINGTON PARKWAY  
MINNETONKA, MN 55345