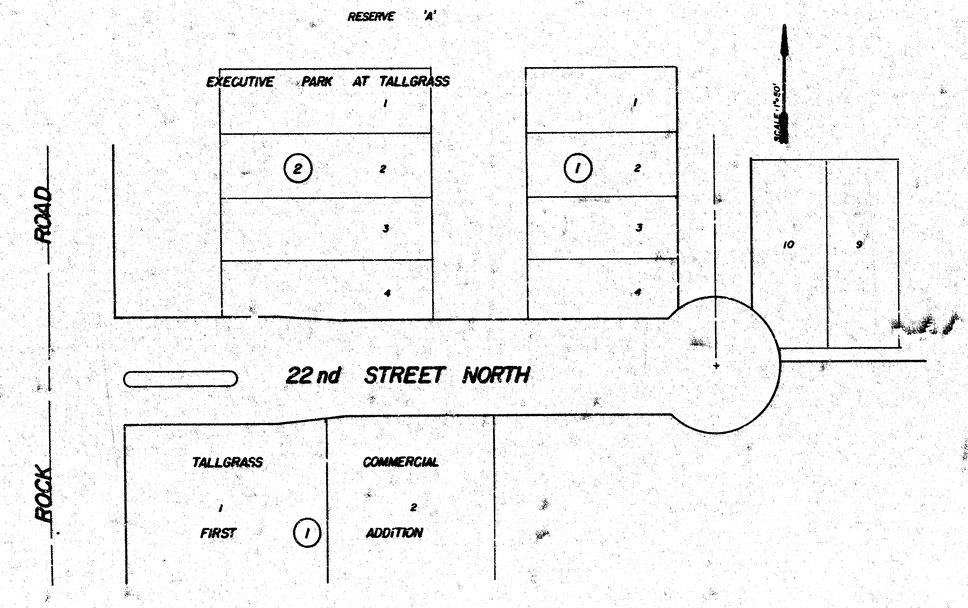
22nd STREET NORTH

From East Line Rock Road To & Including CUL-DE-SAC

NOTE: WATER LINE CONSTRUCTION SHALL PRECEDE THE PAVEMENT CONSTRUCTION.

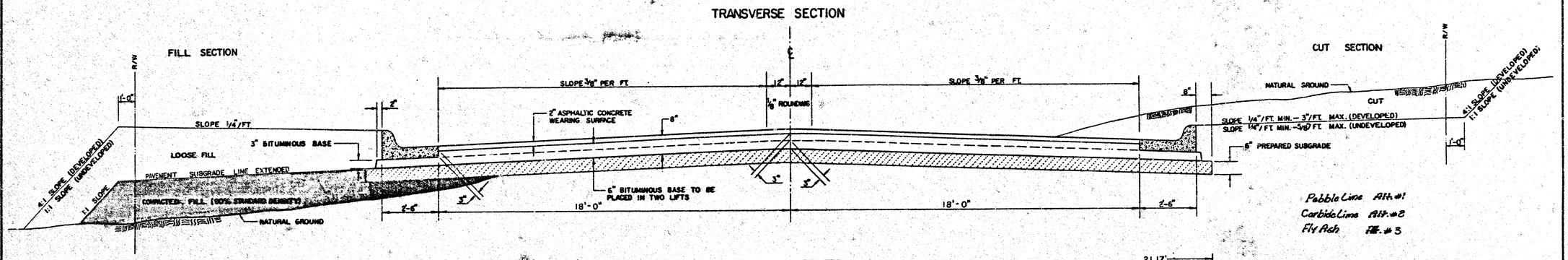


DONALD E. SCHNEIDER LICENSED 6311 KANSAS PROFESSIONAL ENGINEER

PROJECT DESCRIPTION: 22nd STREET NORTH		
PROJECT NUMBER: 472-76-245-81248-000-000-001		
BOOK NO. BR-93	APPROVED BY	DATE
DRAWN BY A.M.S.		REVISED
CITY OF WICHITA DEPARTMENT OF ENGINEERING		
M-E-Lindebak	CITY ENGINEER	SCALE 1"= 20'

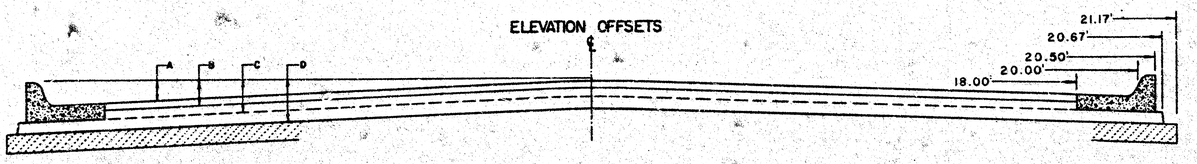
TYPICAL 41' PAVEMENT DETAILS

TRANSVERSE SECTION



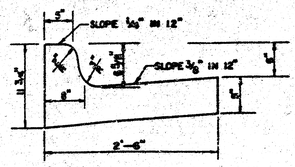
Pebble Lime Alt. #1
Carbide Lime Alt. #2
Fly Ash Alt. #3

ELEVATION OFFSETS

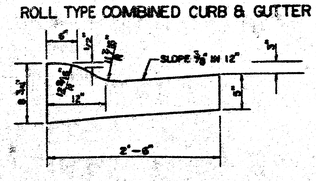


	DISTANCE FROM CENTERLINE (LT. & RT.)													
	0	2	4	6	8	10	12	14	16	18	20	20.5	20.67	21.17
A: TOP OF CURBS TO TOP OF SURFACE LIFT	-.05	-.01	.05	.11	.18	.24	.30	.36	.43	.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	.11	.16	.22	.28	.34	.40	.47	.53	.59	.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	.36	.41	.47	.53	.59	.65	.72	.78	.84	.90	.97	.98	.99	—
D: TOP OF CURBS TO TOP OF SUBGRADE	.61	.66	.72	.78	.84	.90	.97	1.03	1.09	1.15	1.22	1.23	1.24	1.25

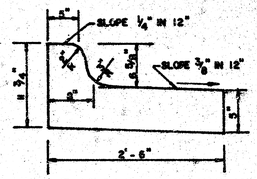
COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER



COMBINED CURB & GUTTER (MEDIAL)



Paid As Comb. Cb. & Gutt.

GENERAL NOTES

1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 3" BITUMINOUS BASE.

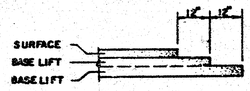
3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

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.

TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

DONALD E. SCHNEIDER — 6311 — REGISTERED ENGINEER — KANSAS — PROFESSIONAL ENGINEER

8 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 6 INCH BITUMINOUS BASE

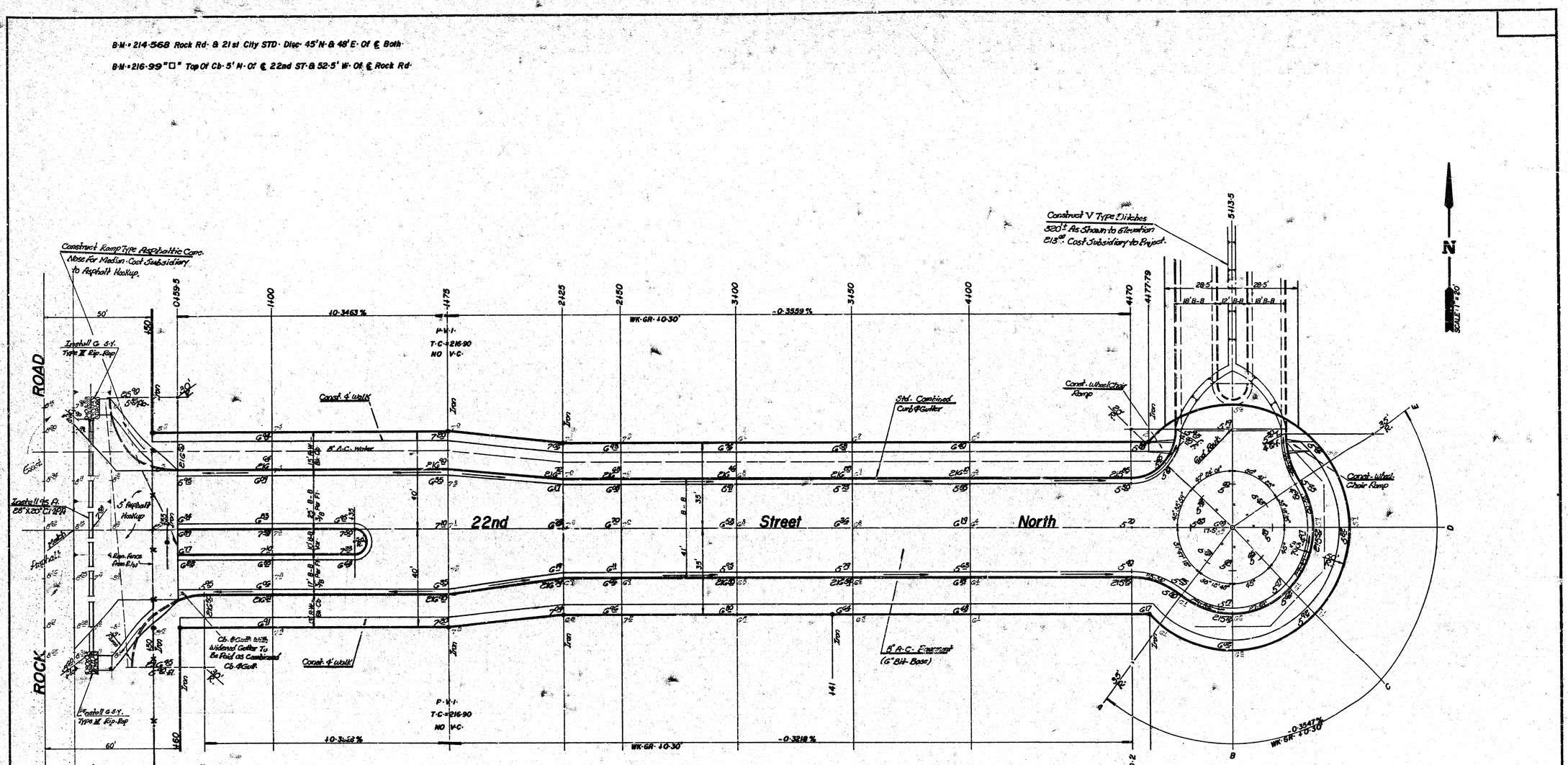
CITY OF WICHITA, KANSAS

PROJECT NUMBER

472-76-845-81248-000-000-001

B.M.= 214.568 Rock Rd. & 21st City STD. Disc. 45'N. & 48'E. Of ℄ Both.

B.M.= 216.99 "□" Top Of Cb. 5' N. Of ℄ 22nd ST. & 52.5' W. Of ℄ Rock Rd.



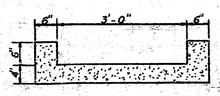
Note:

1- Const. 6" Temp. Asphalt Flumes As Shown. Cost Subsidiary to S.Y. Asphalt Hookup.

2- Regrade Exist. Ditch 465± N. To elev. 213.0 @ 100's. Cost Subsidiary to Project.

3- Asphalt Hookup Surface Course Mix Shall be SC-I Asphalt Hookup Base Course Mix Shall be BC-I

4- Material For Asphalt Flumes Shall be Base Course Mix BC-I



4" Temp. Asphalt Flume Detail

Excation	1549.50 c.y.
+10%	154.95
Total	1704.45 c.y.

Manipulation 2900.60 c.y.

NO MORE THAN 2-20' DRIVES TO BE CONSTRUCTED AS A PART OF THIS CONTRACT.

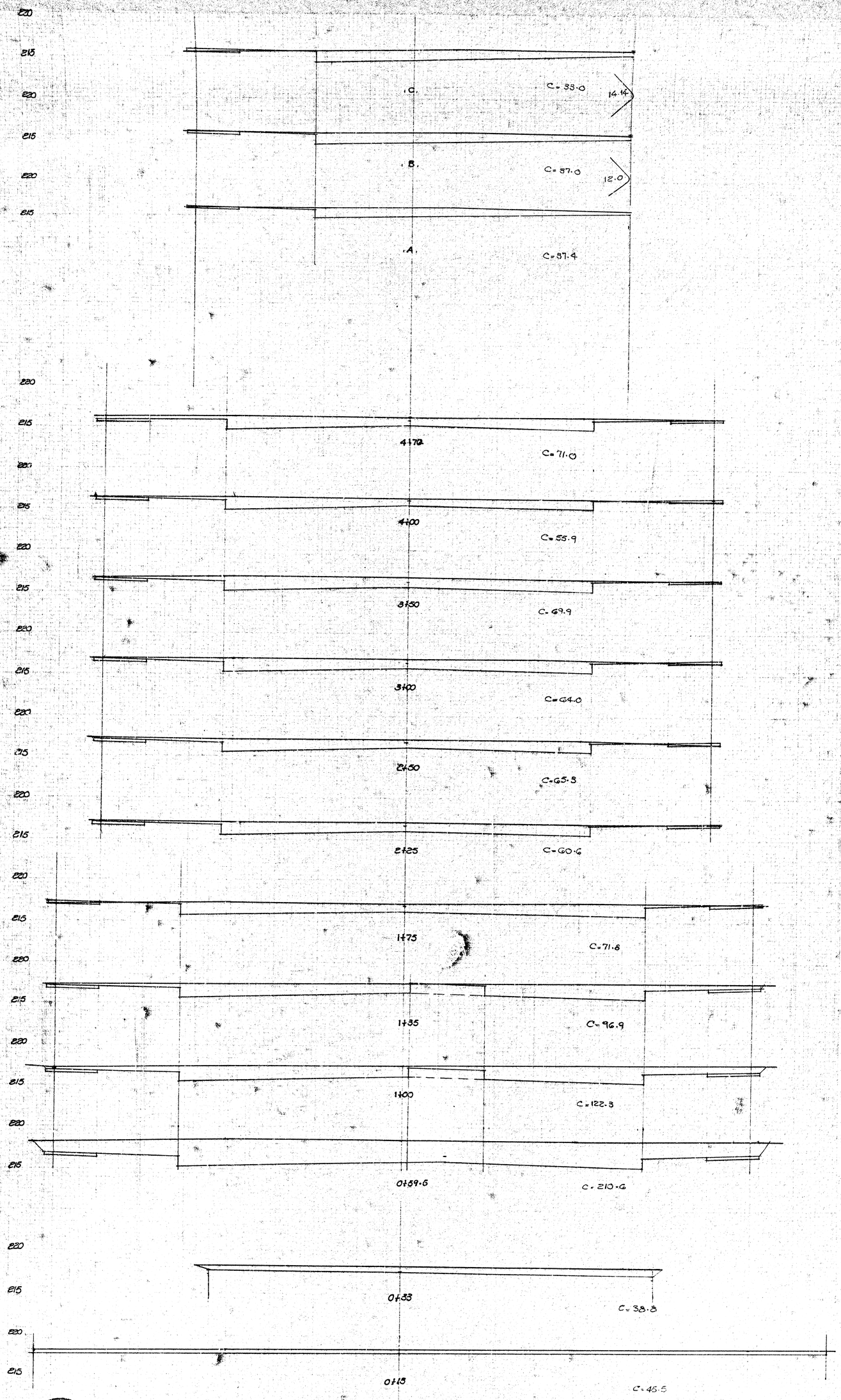
DONALD E. SCHNEIDER LICENSED 6311 KANSAS PROFESSIONAL ENGINEER

PROJECT DESCRIPTION

22nd Street North

PROJECT NUMBER

472-76-245-81248-000-000-001



Total Exc. = 1549.5 c.y.

22nd STREET NORTH

472-76-245-81248-000-000-001

4/5 (4)

14 10 3 2

5/5 (5/5)

472-76-245-8248-000-000-001

22nd STREET NORTH

215 220 225 230



