STORM WATER DRAIN NO. 19

CITY OF WICHITA, KANSAS

R. W. LINN — CITY ENGINEER

NOV. 1974, PROJECT NO. DBKD574089

SECTION CORNER TIES

SOUTHWEST CORNER, SOUTHEAST QUARTER, SECTION 5, TOWNSHIP 27 SOUTH, RANGE 1 EAST
3'x3" ALEAP 4" YELLOW ASPHALT
47.13' N. TO A LACKS IN TRANSMISSION POLE
50.07' N. TO CONCRETE WITNESS
10.27' N. TO 3 LACKS IN TELEPHONE POLE
125.93' S.W. TO FACE OF CONCRETE STREET LIGHT POLE

NORTHWEST CORNER, SOUTHEAST QUARTER, SECTION 5, TOWNSHIP 27 SOUTH, RANGE 1 EAST
1 1/4" PIPE
0.6' W.L. TO INTERSECTION OF FENCE EAST AND NORTH
0.6' S. TO HEDGE TREE
5.16' E. TO 3 LACKS IN FENCE POST

CHANNEL EARTHWORK

EXCAVATION = 51,240 CU. YDS.
COMPACTED FILL = 17,300 CU. YDS.

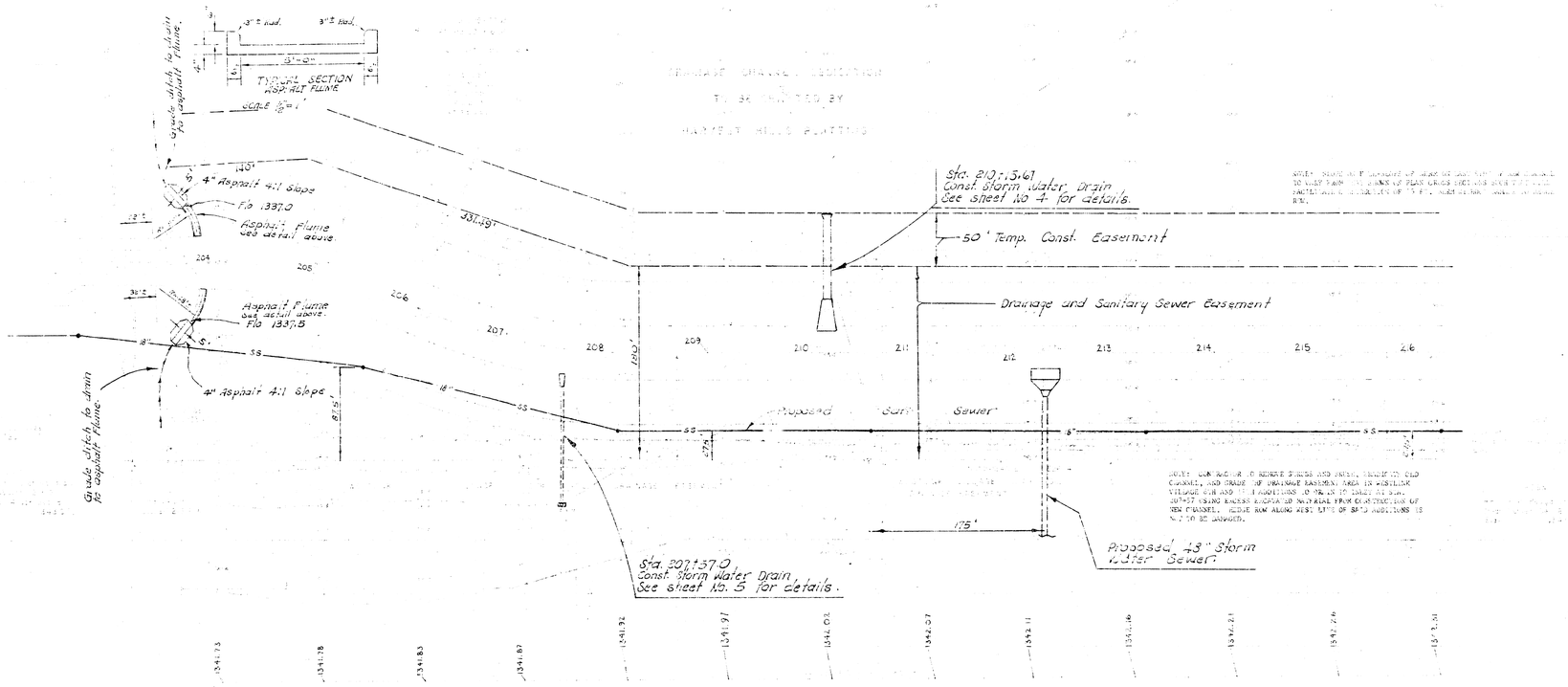
NOTE: COMPACTED FILL TO BE CONSTRUCTED TO CONFORM TO "TYPE "B" COMPACTION (98-95) OF THE 1973 KANSAS STATE HIGHWAY SPECIFICATIONS.

SEEDING

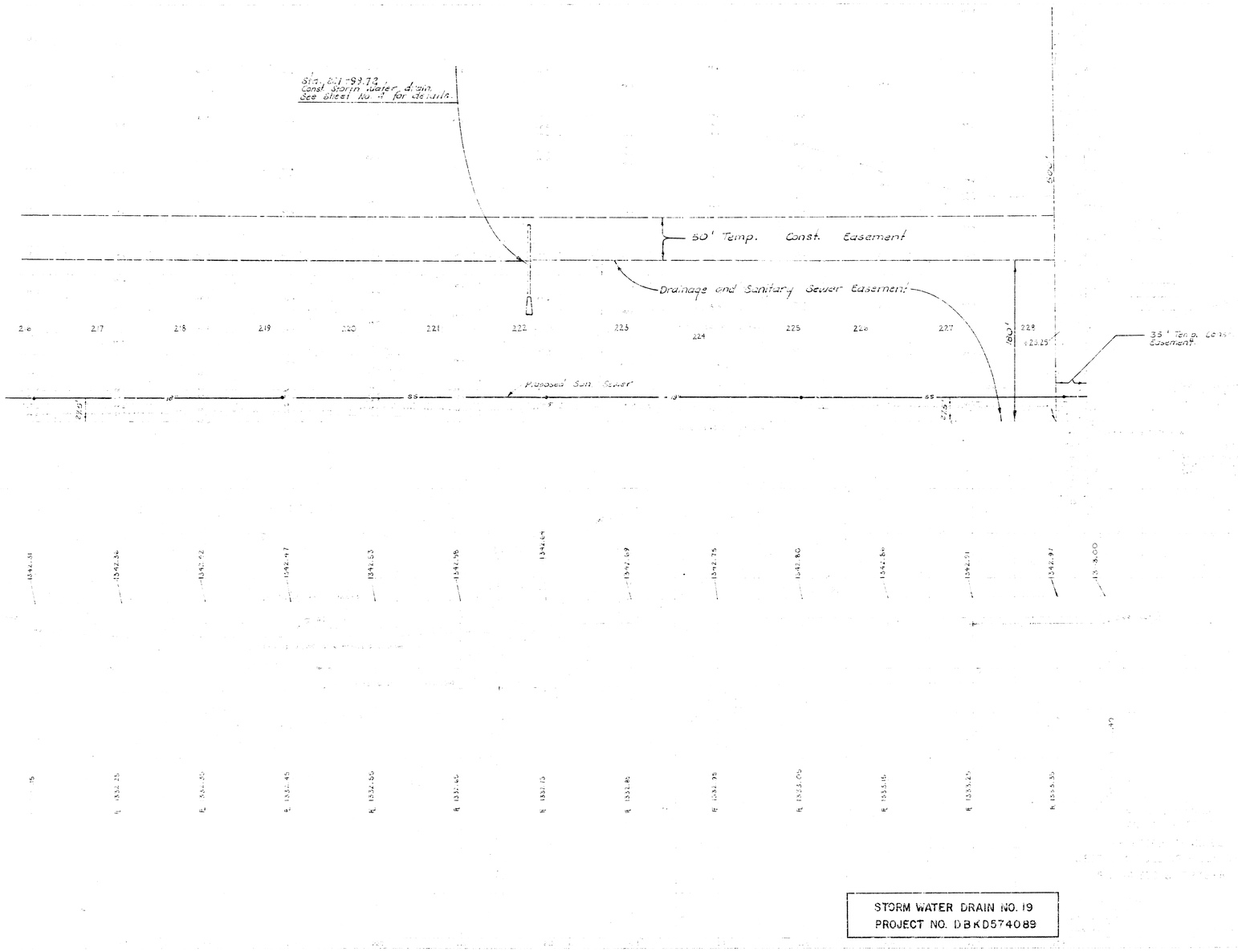
SEED SHALL BE MIXED NATIVE GRASS SEED AS SPECIFIED IN SECTION 13 - 13 OF THE KANSAS STATE HIGHWAY SEED SPECIFICATIONS, (EDITION) 1966. MULCH SHALL BE PRAIRIE HAY. FERTILIZING, SEEDING, AND MULCHING SHALL CONFORM TO SECTIONS 80, 81, 82 AND ALL OTHER RELATED SECTIONS OF THE 1966 STANDARD SPECIFICATION OF KANSAS STATE HIGHWAY COMMISSION. ALL SEEDABLE NATIVE GRASSES SHALL NOT BE DISTURBED EXCEPT AS NECESSARY TO CONSTRUCT CHANNEL. NATIVE GRASS SEED SHALL BE APPLIED AT THE RATE OF 60 LBS. OF SEED PER ACRE. FERTILIZER SHALL BE APPLIED AT THE RATE OF 300 LBS. OF FERTILIZER PER ACRE. FERTILIZER SHALL CONTAIN 12% NITROGEN, 12% PHOSPHATE, & 12% POTASSIUM.

NOTE: THIS PROJECT SHALL BE COORDINATED WITH STORM WATER SEWER #111 PROJECT AND W.W.T.P. INTERCEPTOR SEWER PROJECT.

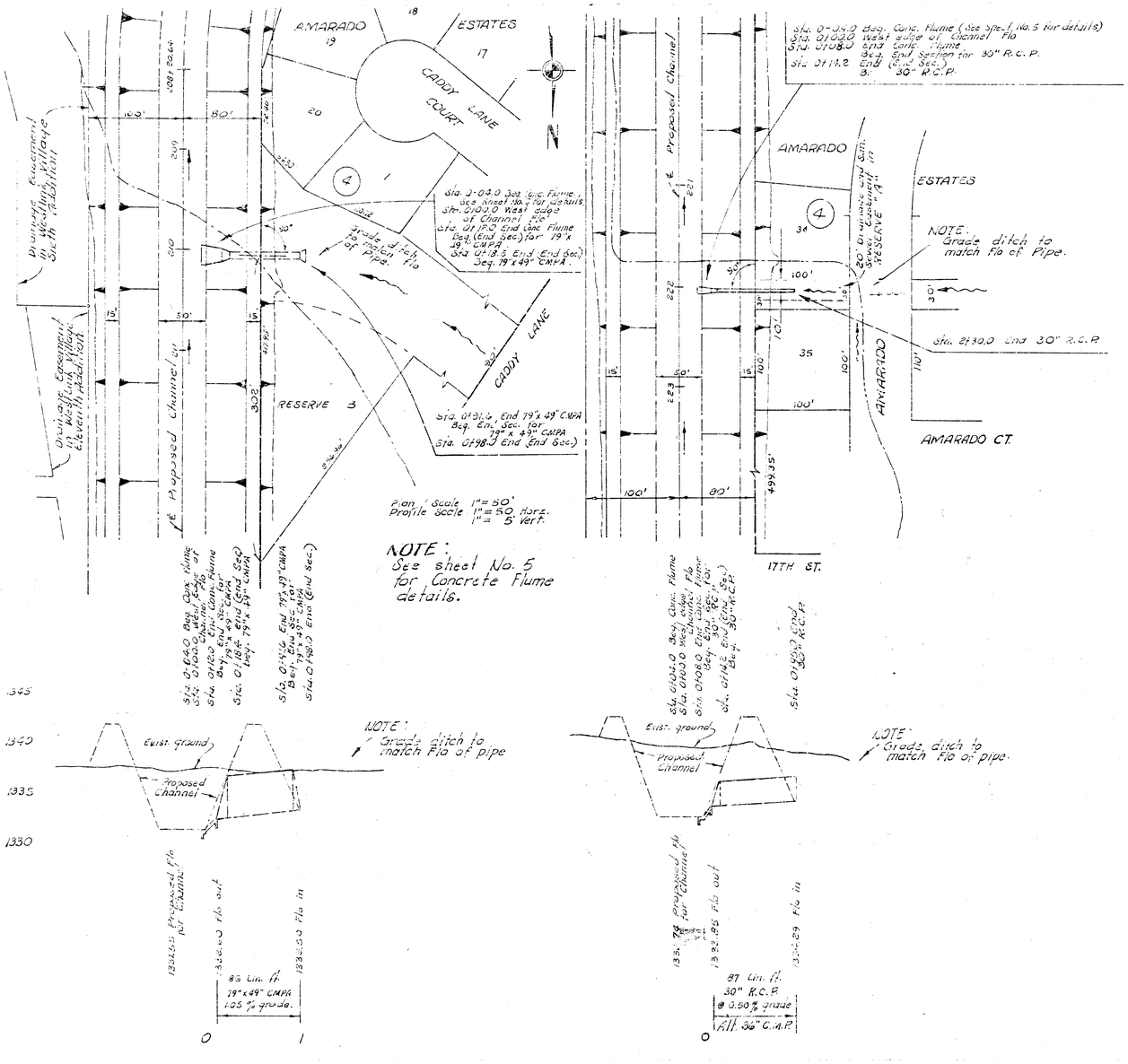
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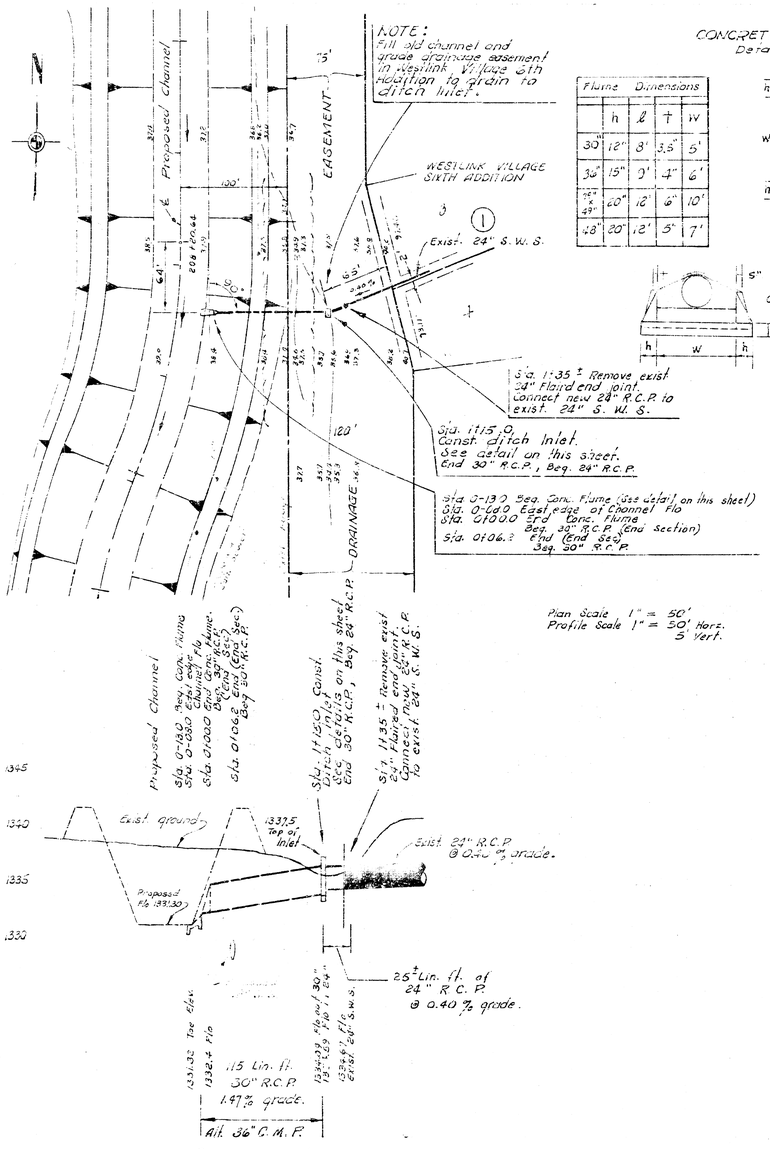
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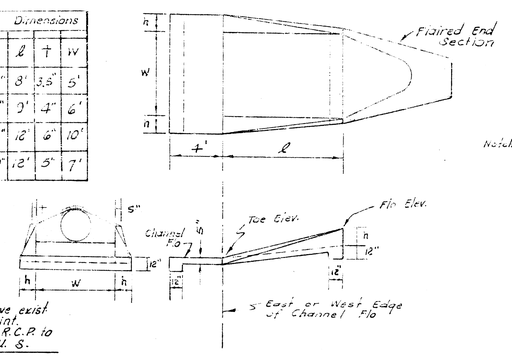
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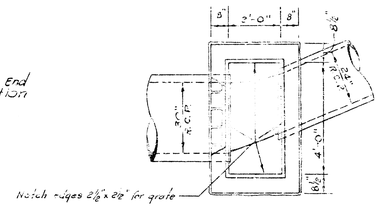


Plan Scale 1" = 50'
Profile Scale 1" = 50' Horz.
5' Vert.

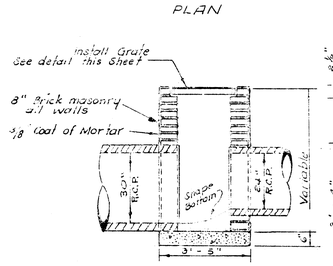
CONCRETE FLUME Detail

Flume Dimensions				
	h	ℓ	†	w
30"	12"	3'	3.5"	5'
36"	15"	3'	4"	6'
42"	20"	12'	6"	10'
48"	20"	12'	5"	17'



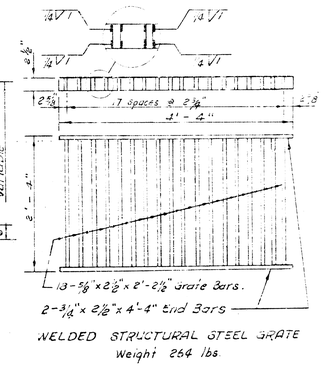


PLAN



SECTION

DITCH INLET Detail



WELDED STRUCTURAL STEEL GRATE
Weight 264 lbs.

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