

STORM WATER DRAIN NO. 19

CITY OF WICHITA, KANSAS

R. W. LINN — CITY ENGINEER

NOV. 1974, PROJECT NO. DBKD 574089

SECTION UNDER TIES

SOUTHWEST CORNER, SOUTHEAST QUARTER, SECTION 5, TOWNSHIP 27
SOUTH, RANGE 1 WEST
5.0" ALUM. "I" TELEPHONE POLE
70.0" S. TO 3 JACKS IN TELEPHONE POLE
70.0" S. TO CONCRETE ADDRESS
70.0" S. TO 3 JACKS IN TELEPHONE POLE
125.53' S.W. TO FACE OF CONCRETE STREET LIGHT POLE

SOUTHWEST CORNER, SOUTHEAST QUARTER, SECTION 5, TOWNSHIP 27
SOUTH, RANGE 1 WEST
1.1" PIPE
0.5' S.W. TO INTERSECTION OF FENCE EAST AND NORTH
2.0' S. TO BEHIND FENCE
5.28' E. TO 3 JACKS IN FENCE POST

CHANNEL EARTHWORK

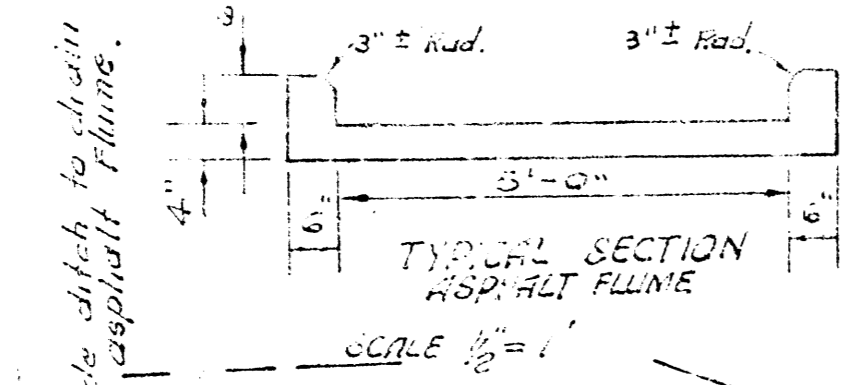
EXCAVATION = 51,120 CU. YDS.
COMPACTED FILL = 17,500 CU. YDS.
NOTE: COMPACTED FILL TO BE CONSTRUCTED TO CONFORM TO TYPE "B"
CONSTRUCTION (DM-93) OF THE 1973 KANSAS STATE HIGHWAY
SPECIFICATIONS.

*Callout:
- has +
X-sections
Thanks
JL*

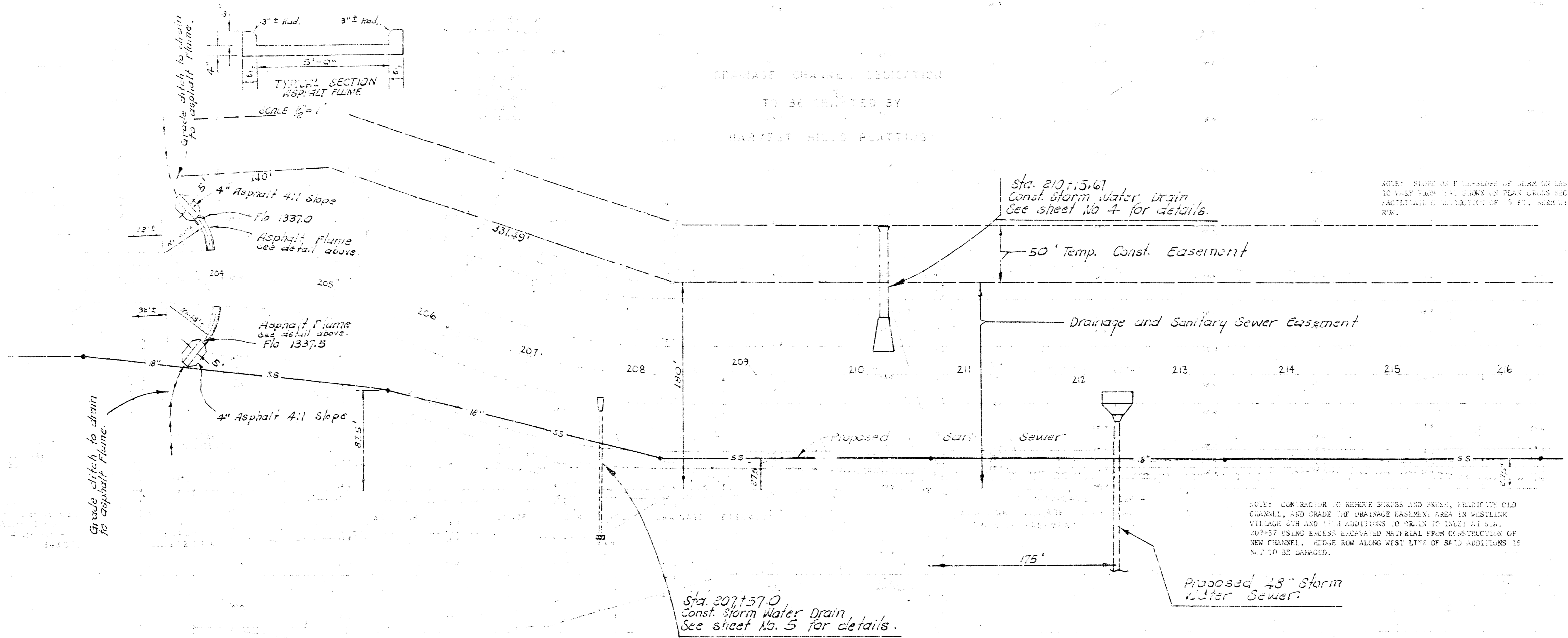
SEEDING

SEED SHALL BE WILD NATIVE GRASS SEED AS SPECIFIED IN SECTION 13 - 13 OF THE KANSAS STATE HIGHWAY S.D. SPECIFICATIONS, (SECTION 13E), WHICH SHALL BE PRAIRIE HAY, FERTILIZING, PLANTING, AND WEEDING SHALL CONFORM TO SECTIONS 131, 131.1, AND ALL OTHER RELATED SECTIONS OF THE 1966 STANDARD SPECIFICATION OF KANSAS STATE HIGHWAY COMMISSION. (ES. WHILE 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 100 LBS. OF FERTILIZER PER ACRE. FERTILIZER SHALL CONTAIN 12% NITROGEN, 12% PHOSPHATE, & 12% POTASSIUM.

NOTE: THIS PROJECT SHALL BE COORDINATED WITH STORM WATER
DEPT. CITY PROJECT AND M. S. 1, WESTLARK POWER PROJECT.

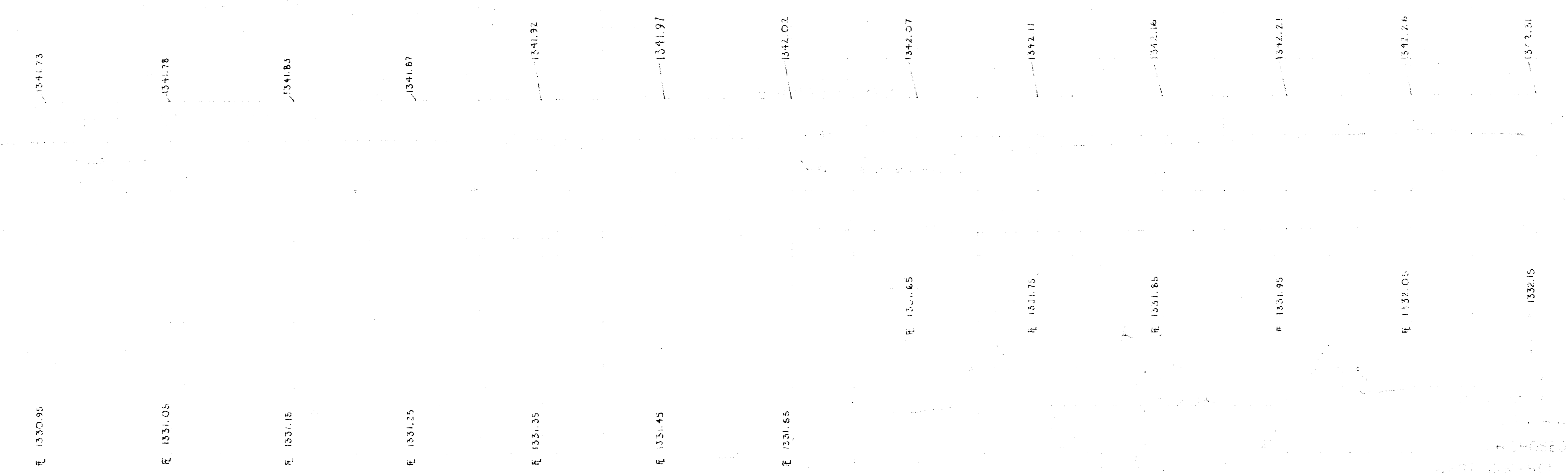


TERMINAL CHAIN POSITION
TO BE INDICATED BY
HARVEST HILLS PLATTING

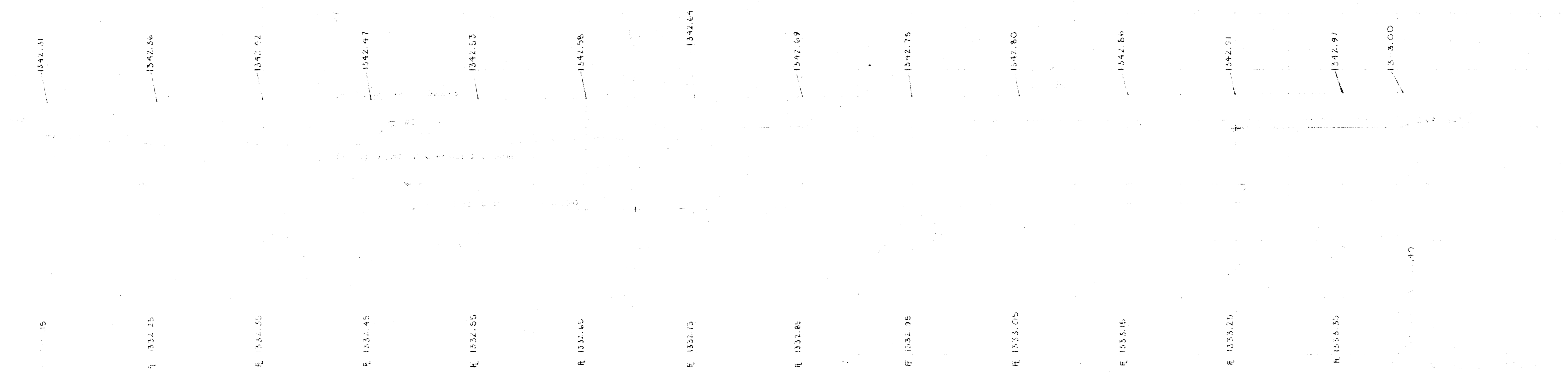
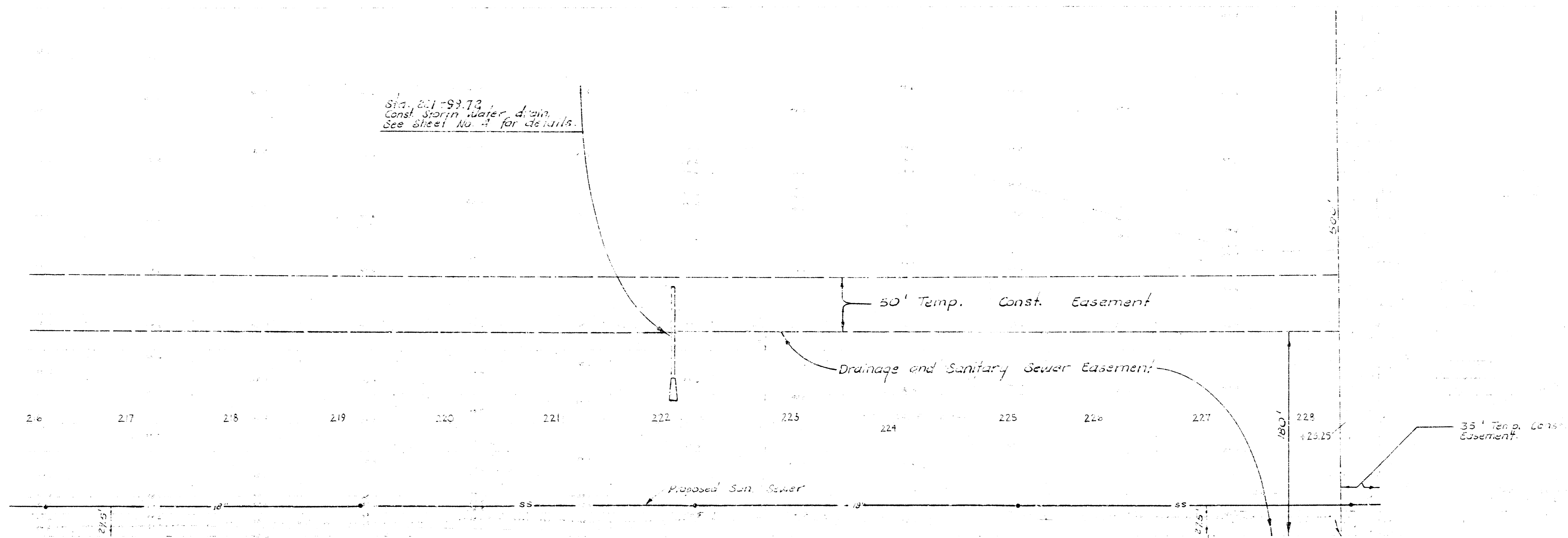


NOTE: SHALL BE A DEGREE OF CARE IN ALL WORK. SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES. SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES.

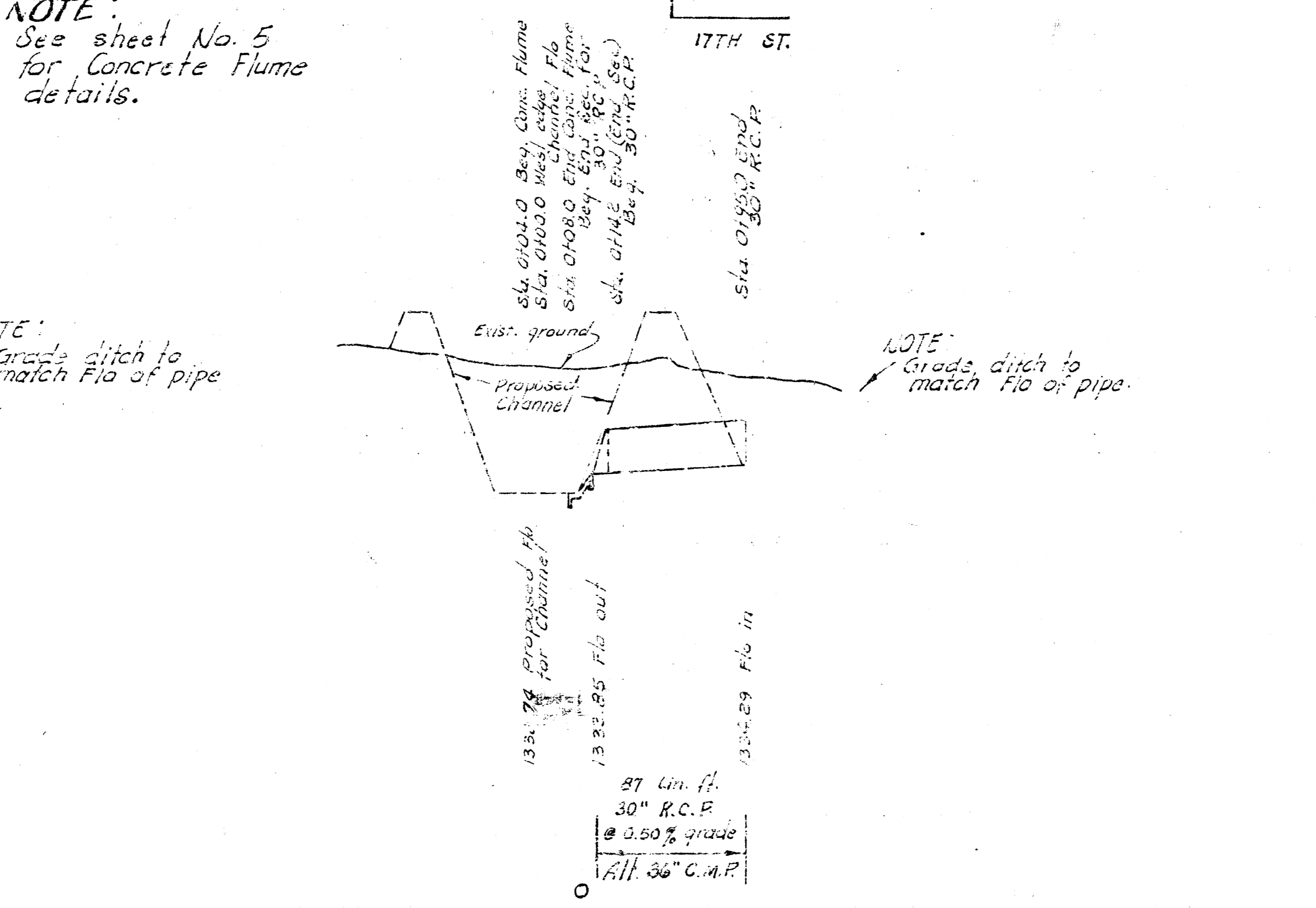
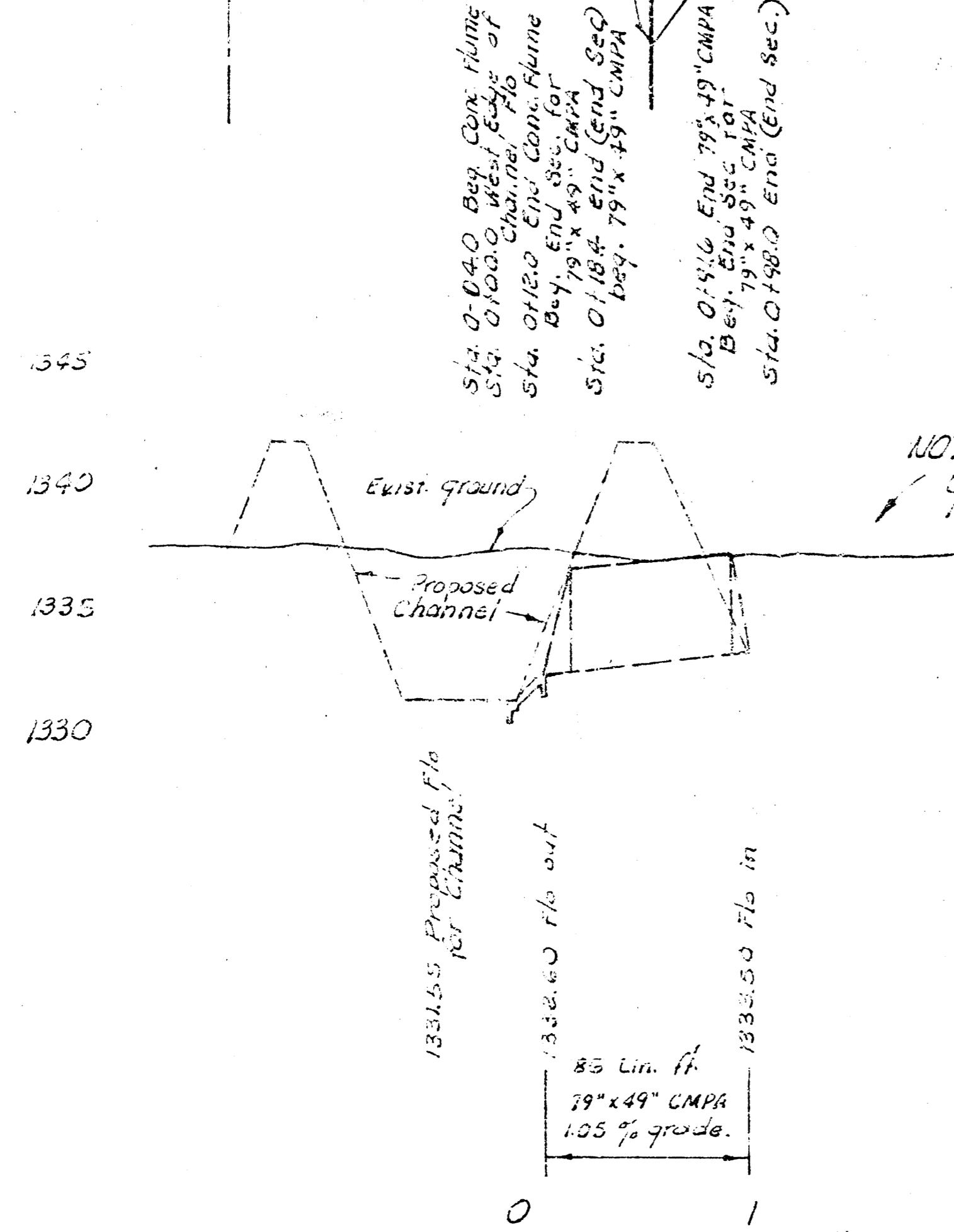
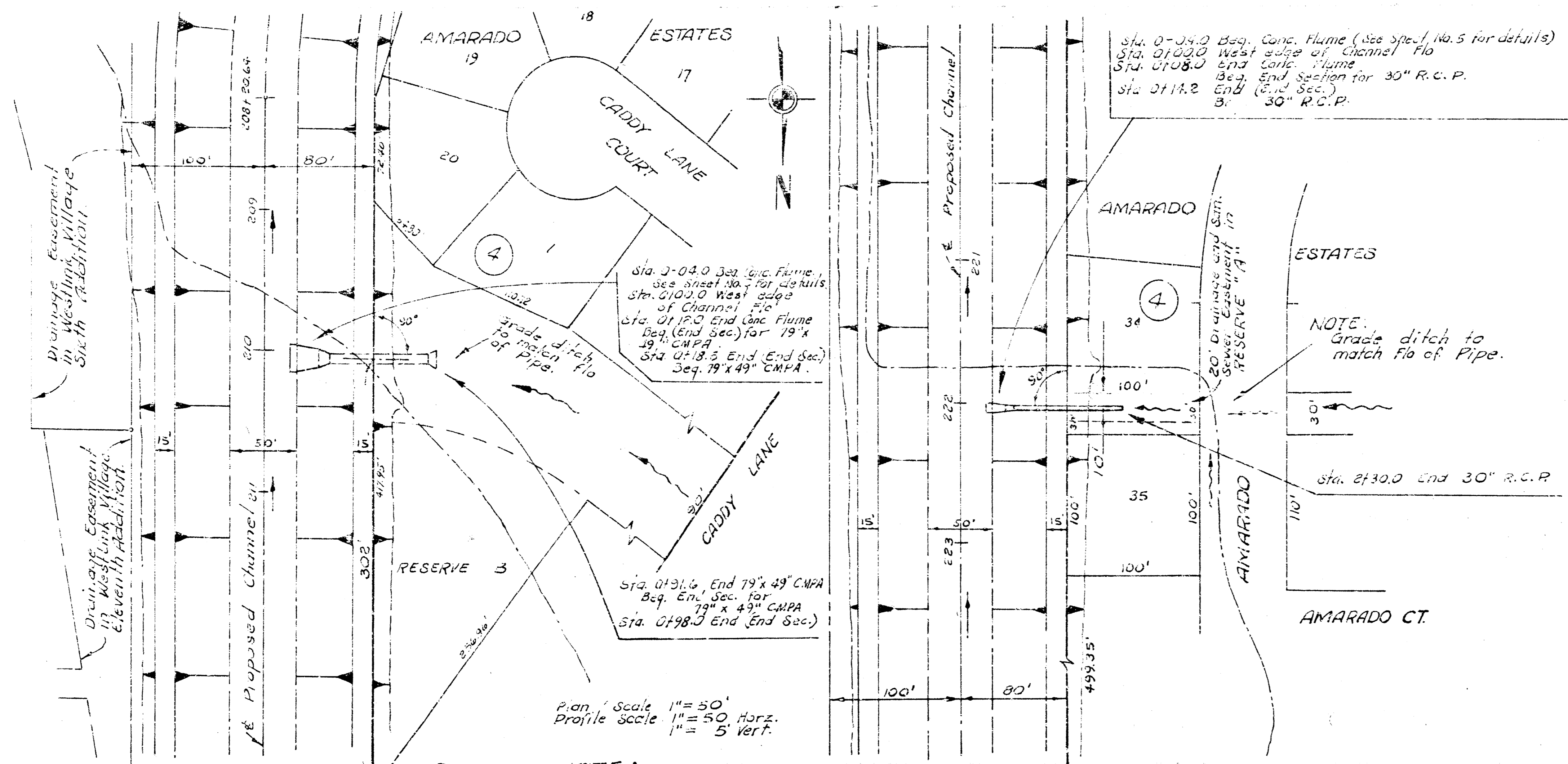
NOTE: CONTRACTOR TO REMOVE EXISTING AND NEW, EXISTING OLD CURB, AND GRADE OF DRAINAGE EASEMENT AREA IS WASTELAND. ALL NEW AND EXISTING ADDITIONS TO OR ON EXISTING SANITARY SEWER SHALL BE REMOVED AND RECONSTRUCTED TO NEW CHANNEL. EXISTING RUN ALONG WEST LINE OF SAID ADDITIONS IS NOT TO BE DAMAGED.

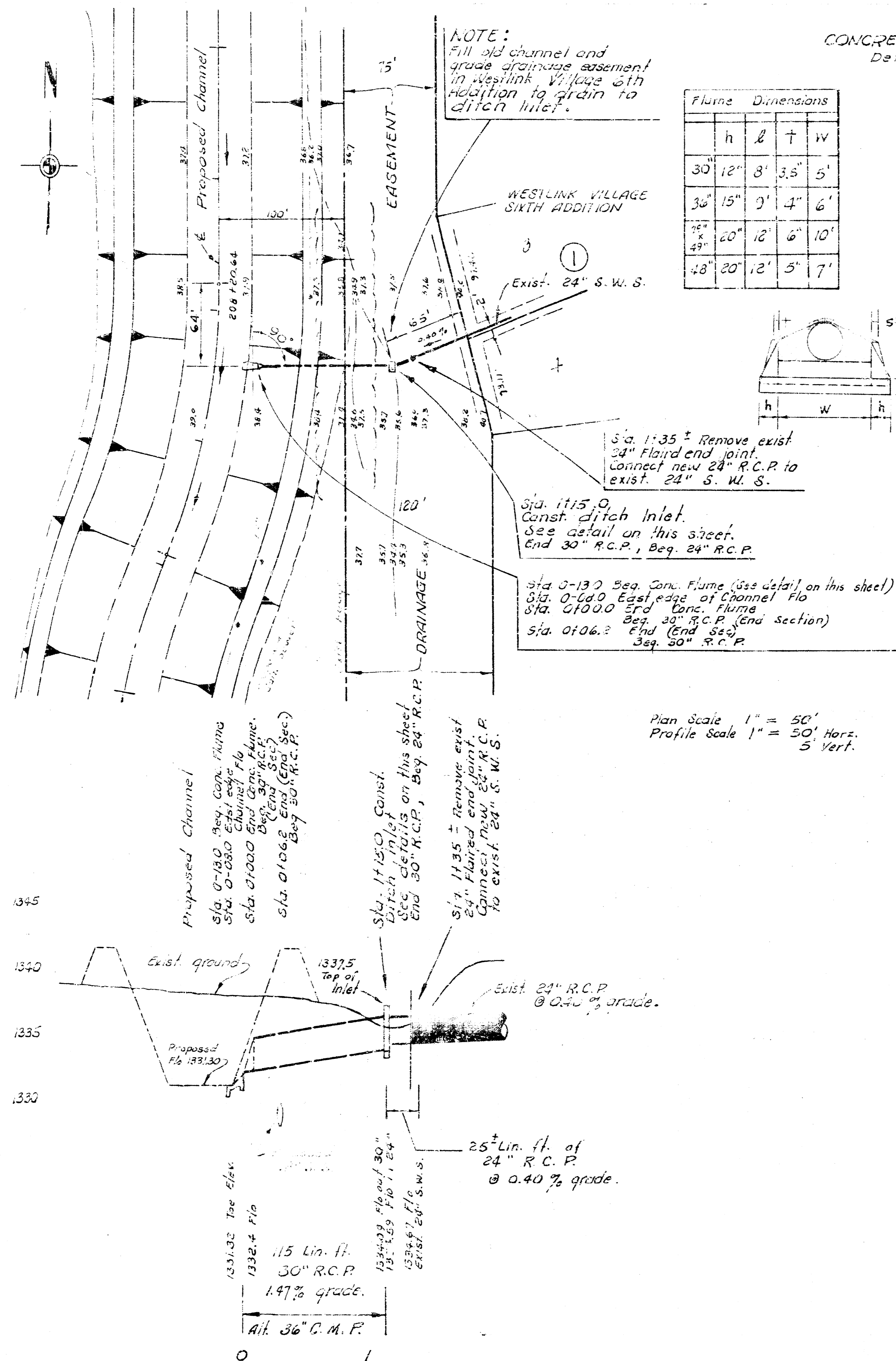


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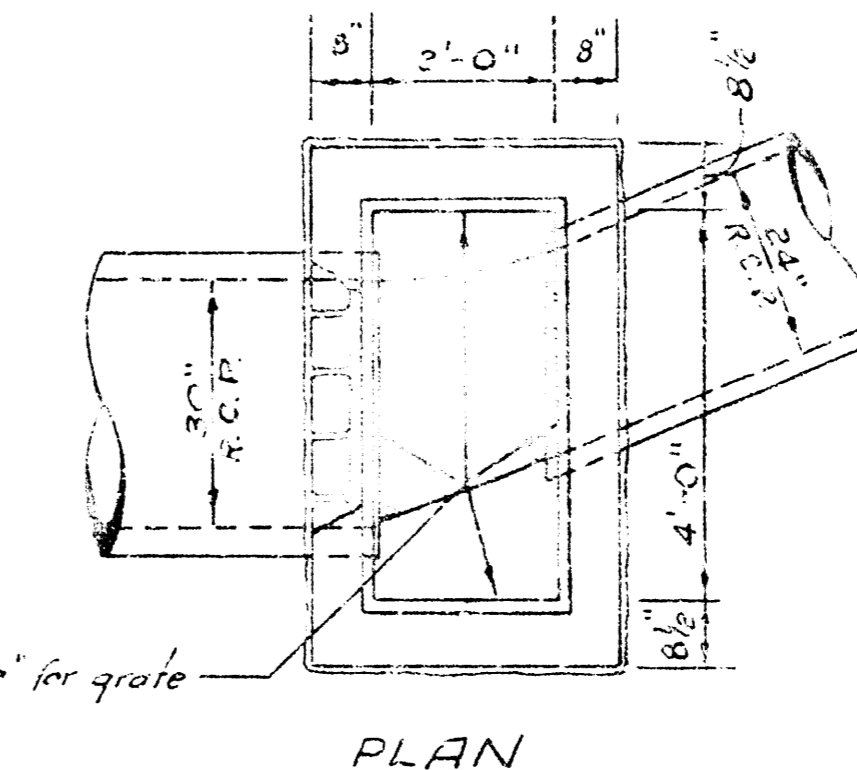
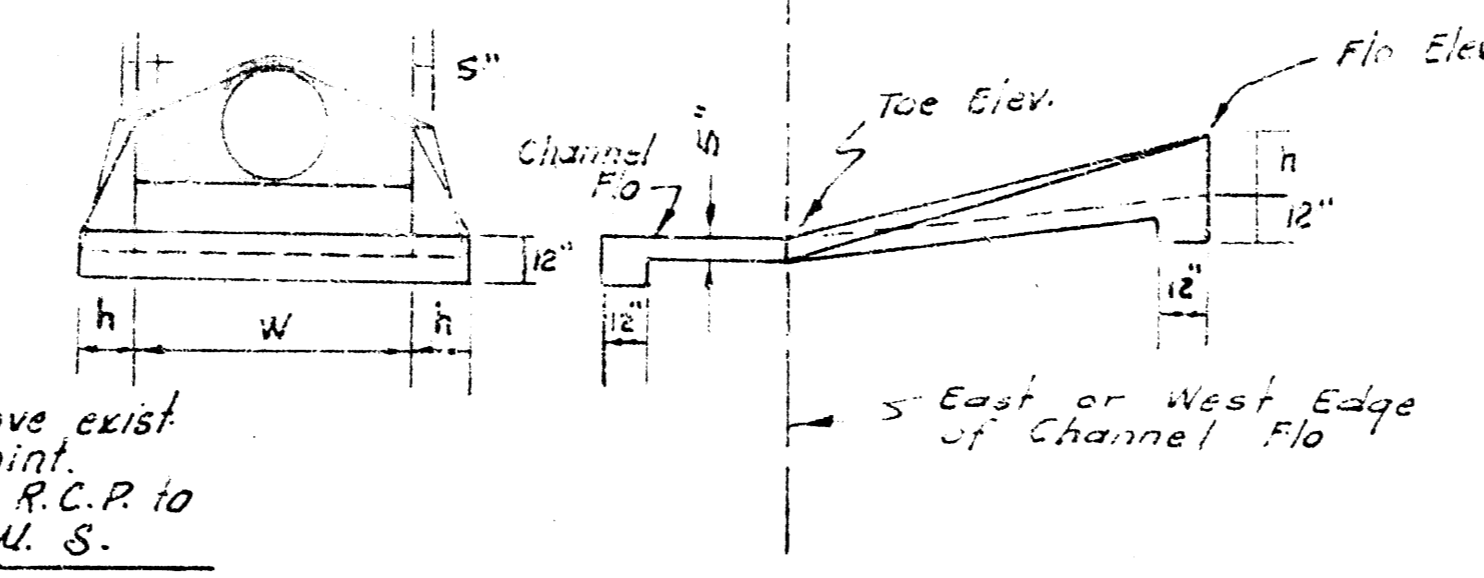
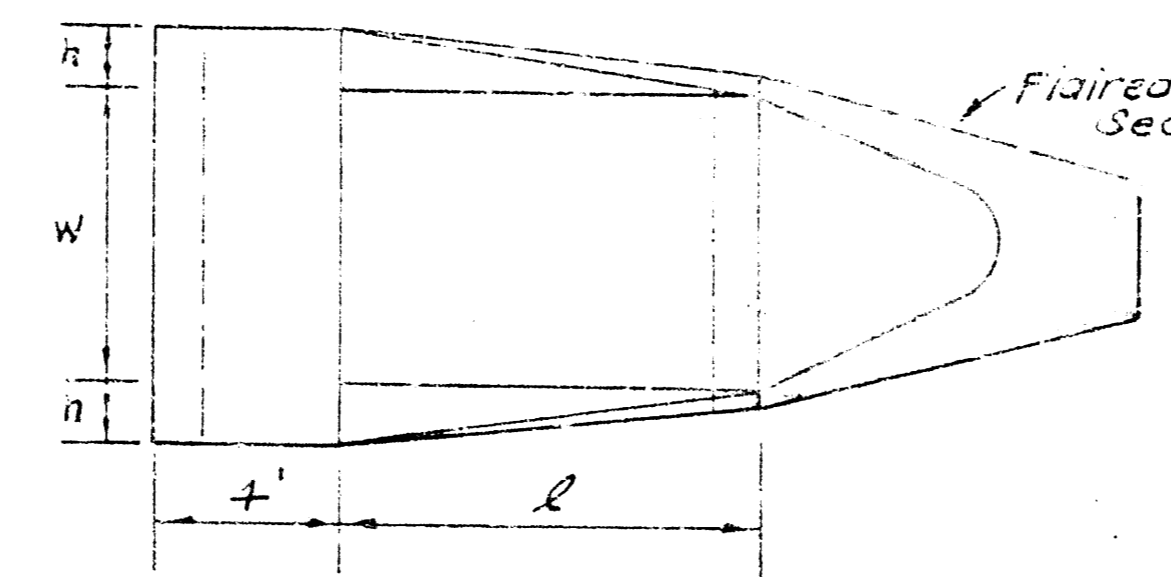
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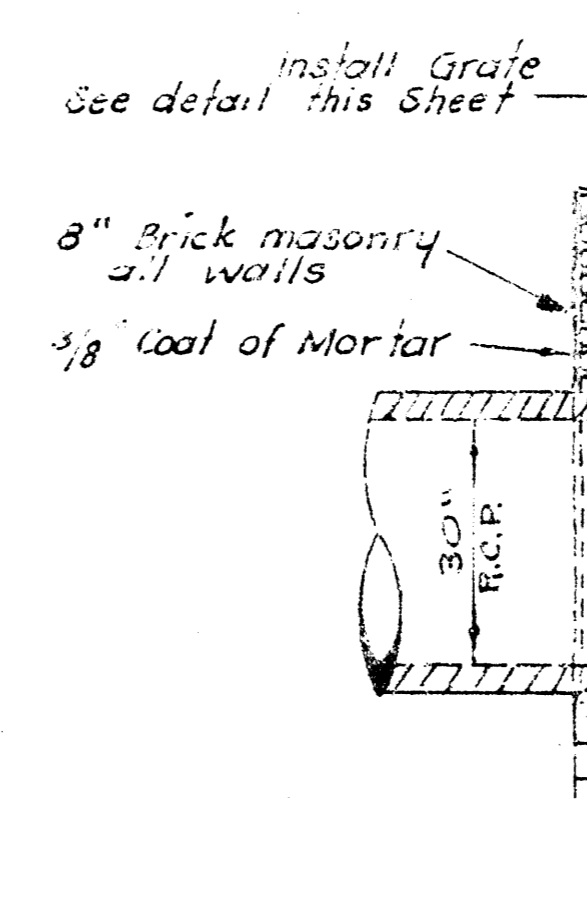


CONCRETE FLUME Detail

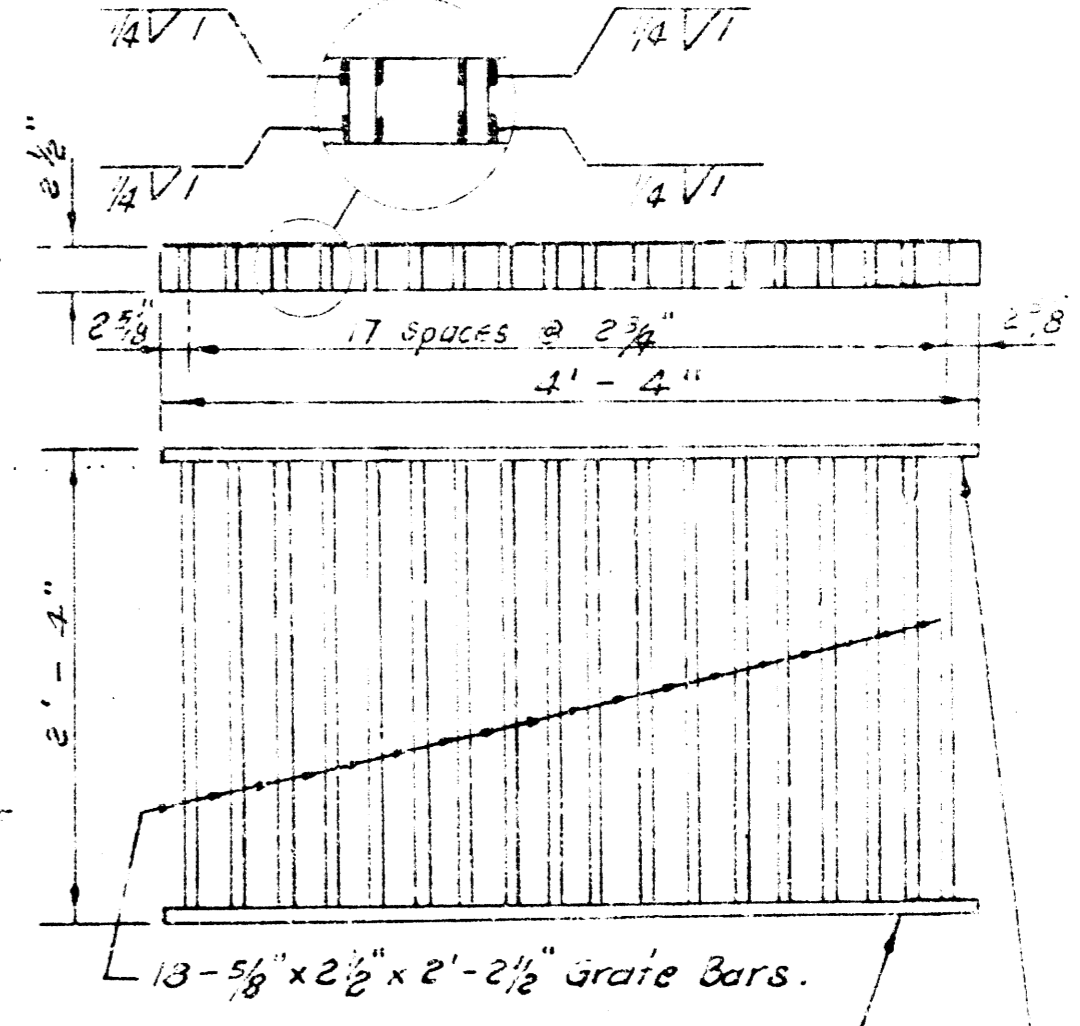
| Flume Dimensions | h | l | t | W |
|------------------|-----|-----|------|-----|
| 30" | 12" | 8' | 3.5" | 5' |
| 36" | 15" | 7' | 4" | 6' |
| 42" | 20" | 12' | 6" | 10' |
| 48" | 20" | 12' | 5" | 7' |



PLAN



SECTION
DITCH INLET Detail



WELDED STRUCTURAL STEEL GRATE
Weight 264 lbs