

SHADYBROOK FARM ADDITION

STREET IMPROVEMENTS

BOARD OF COMMISSIONERS
SEDGWICK COUNTY, KANSAS
EARL E. RUSH, CHAIRMAN
ELMER S. PETERS, COMMISSIONER
TOM SCOTT, COMMISSIONER

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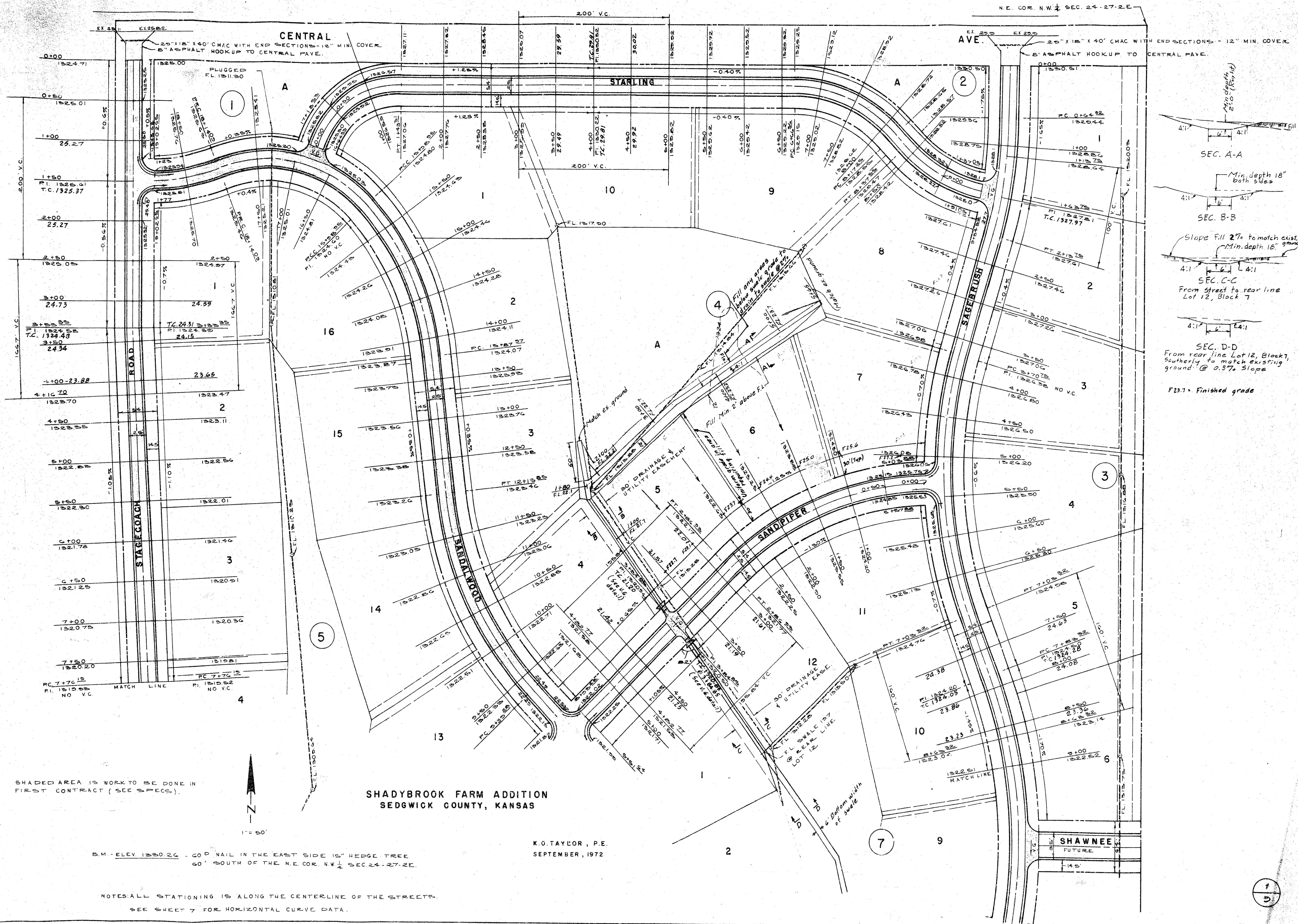
(Sewer Drawings)

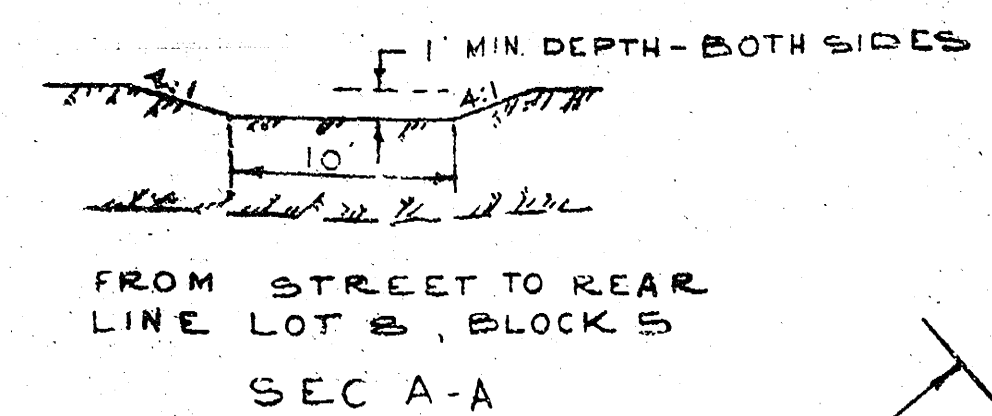
- Sheet 1 of 9 Sewer plan
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K. O. TAYLOR, P.E.

OCTOBER, 1972







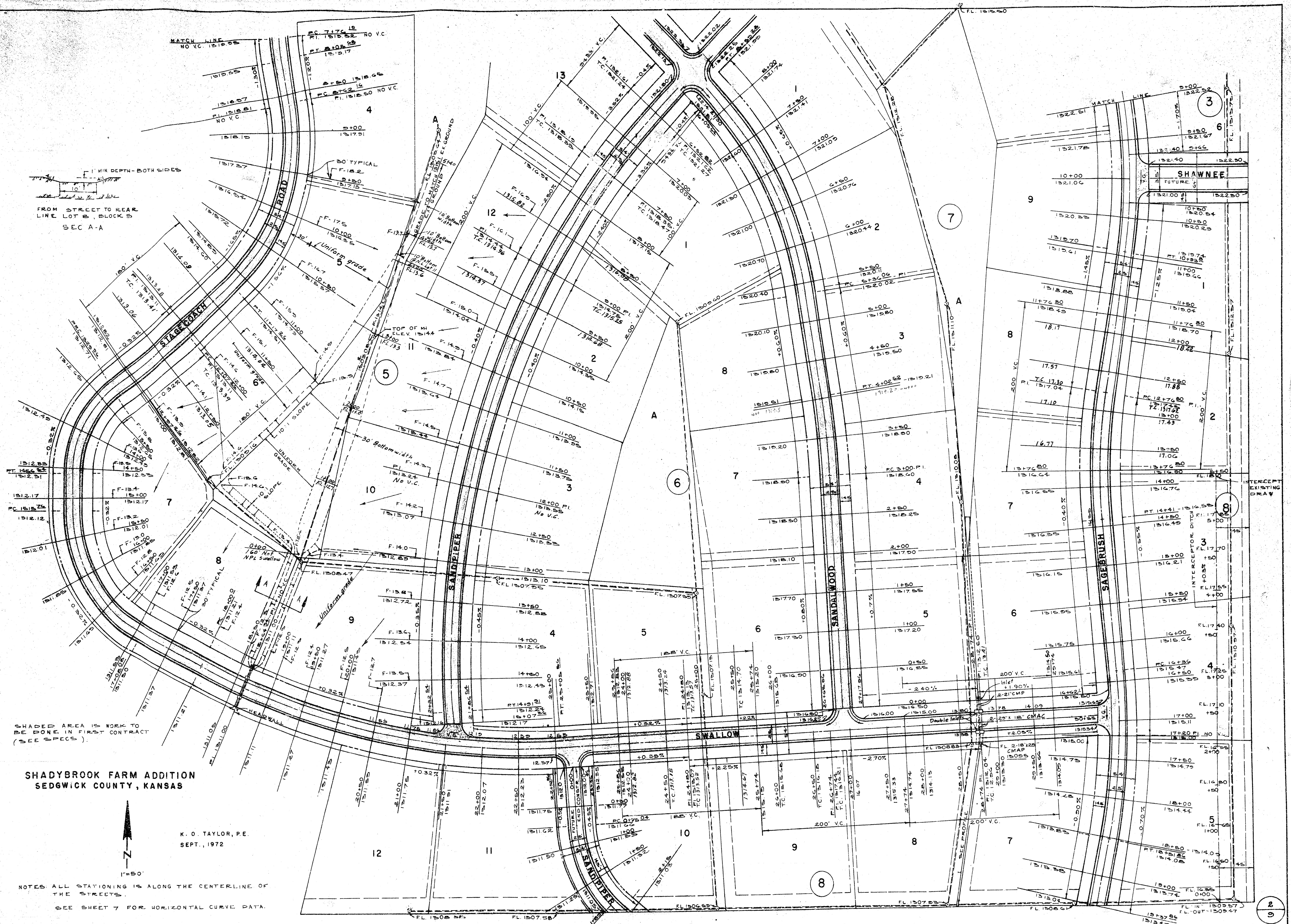
SHADED AREA IS WORK TO
BE DONE IN FIRST CONTRACT
(SEE SPECS).

**SHADYBROOK FARM ADDITION
SEDGWICK COUNTY, KANSAS**

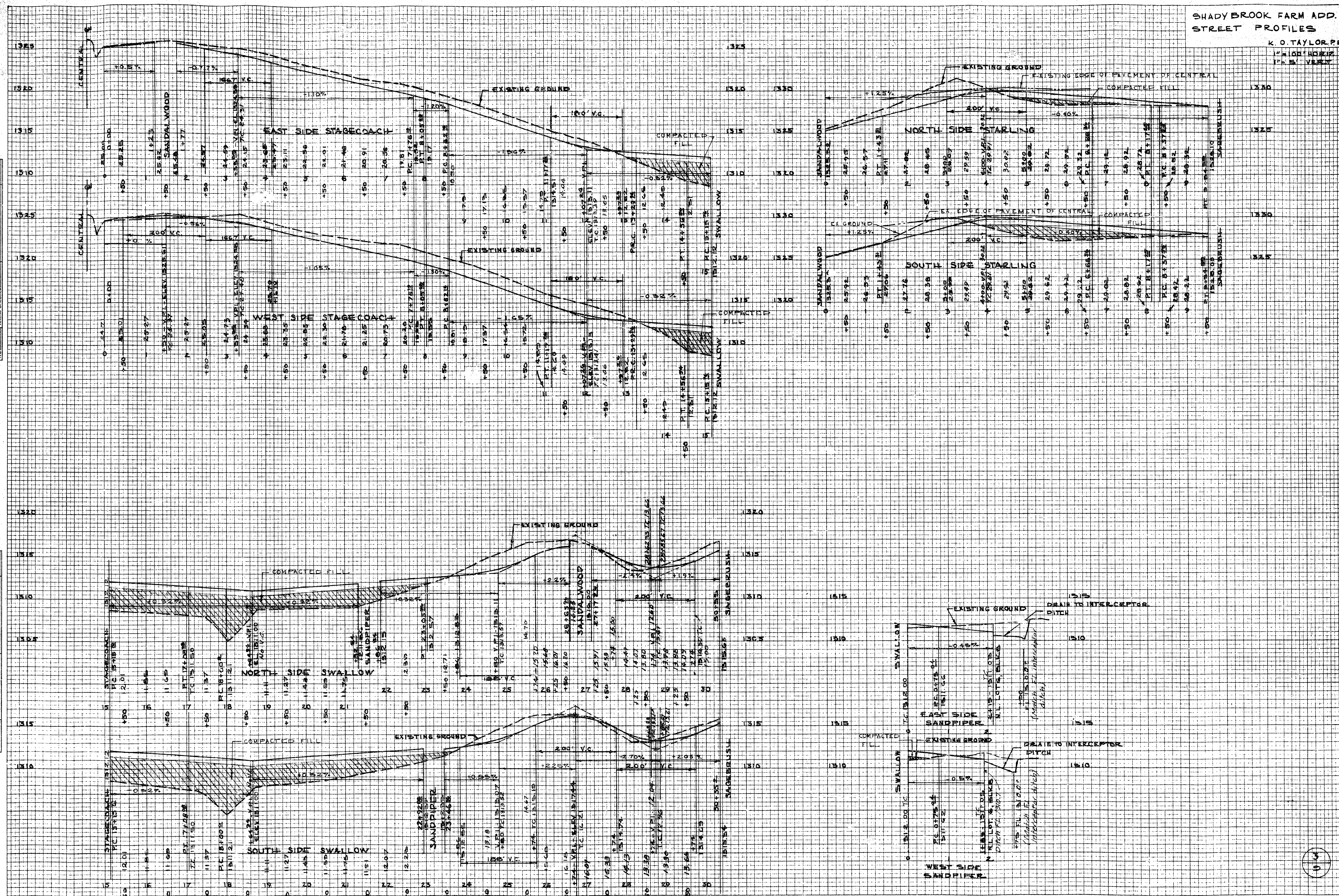
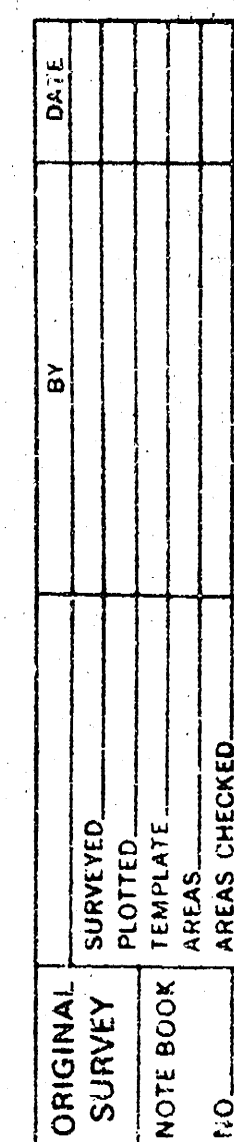
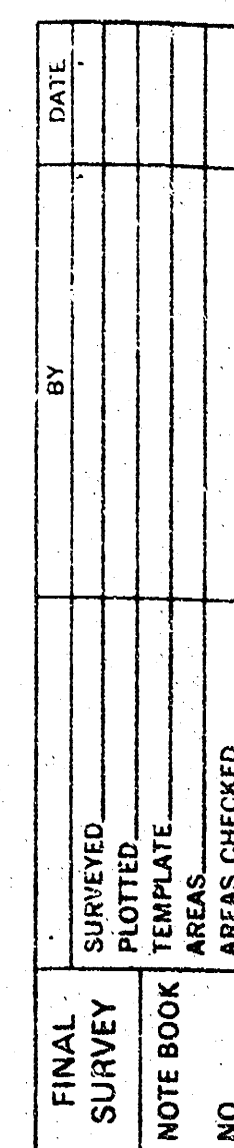
K. D. TAYLOR, P.E.
SEPT., 1972



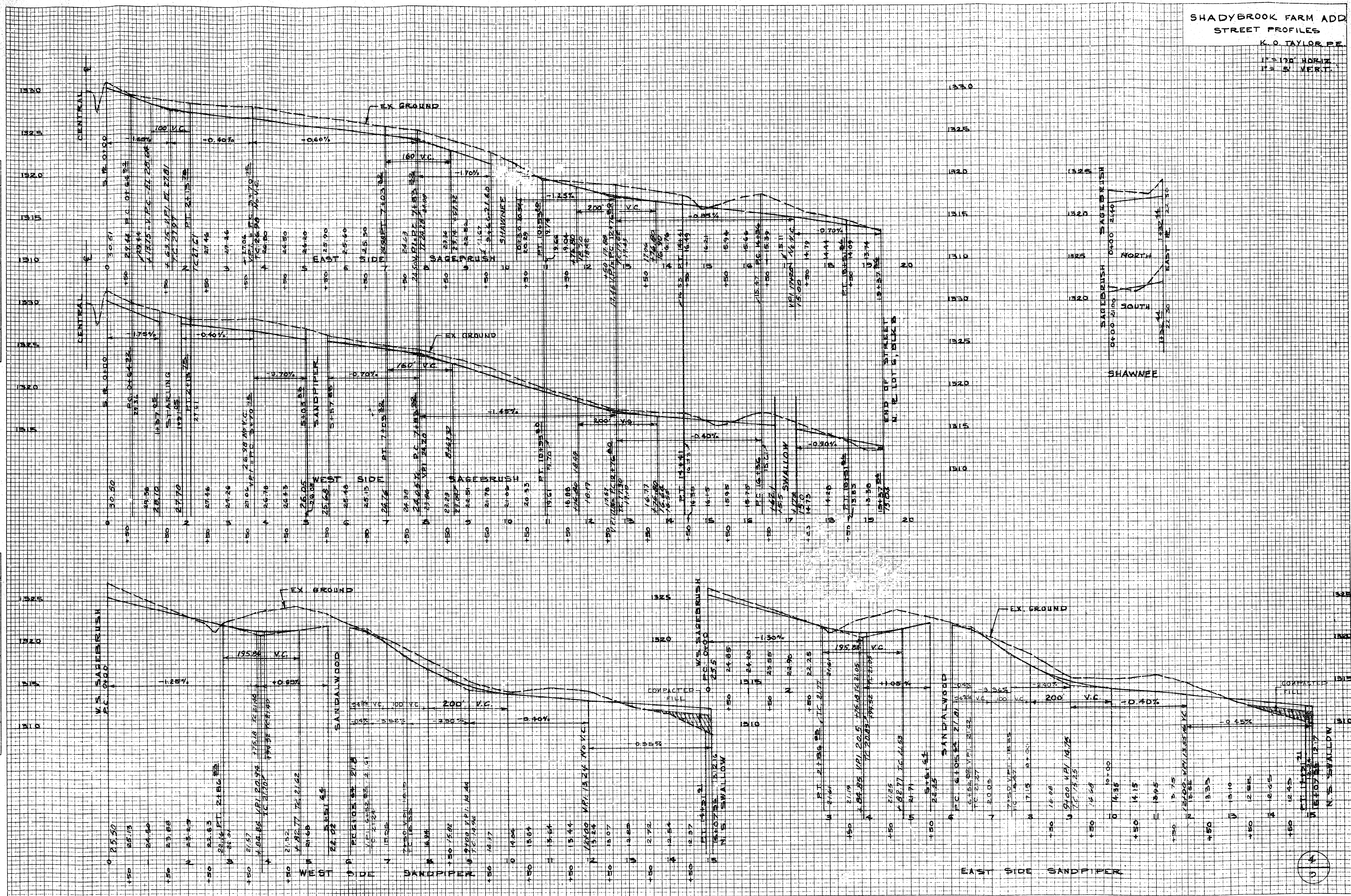
NOTES: ALL STATIONING IS ALONG THE CENTERLINE OF
THE STREETS.
SEE SHEET 7 FOR HORIZONTAL CURVE DATA.



K. O. TAYLOR, PE
1" = 100' HORIZ
1" = 5' VERT



ORIGINAL SURVEY		BY	DATE
SURVEYED			
PLOTTED			
TEMPLATE			
AREAS			
AREAS CHECKED			
NO			

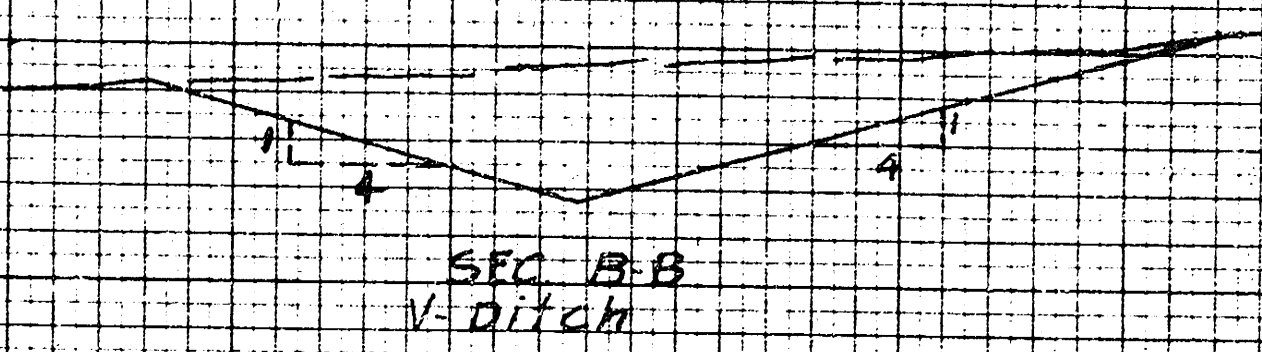
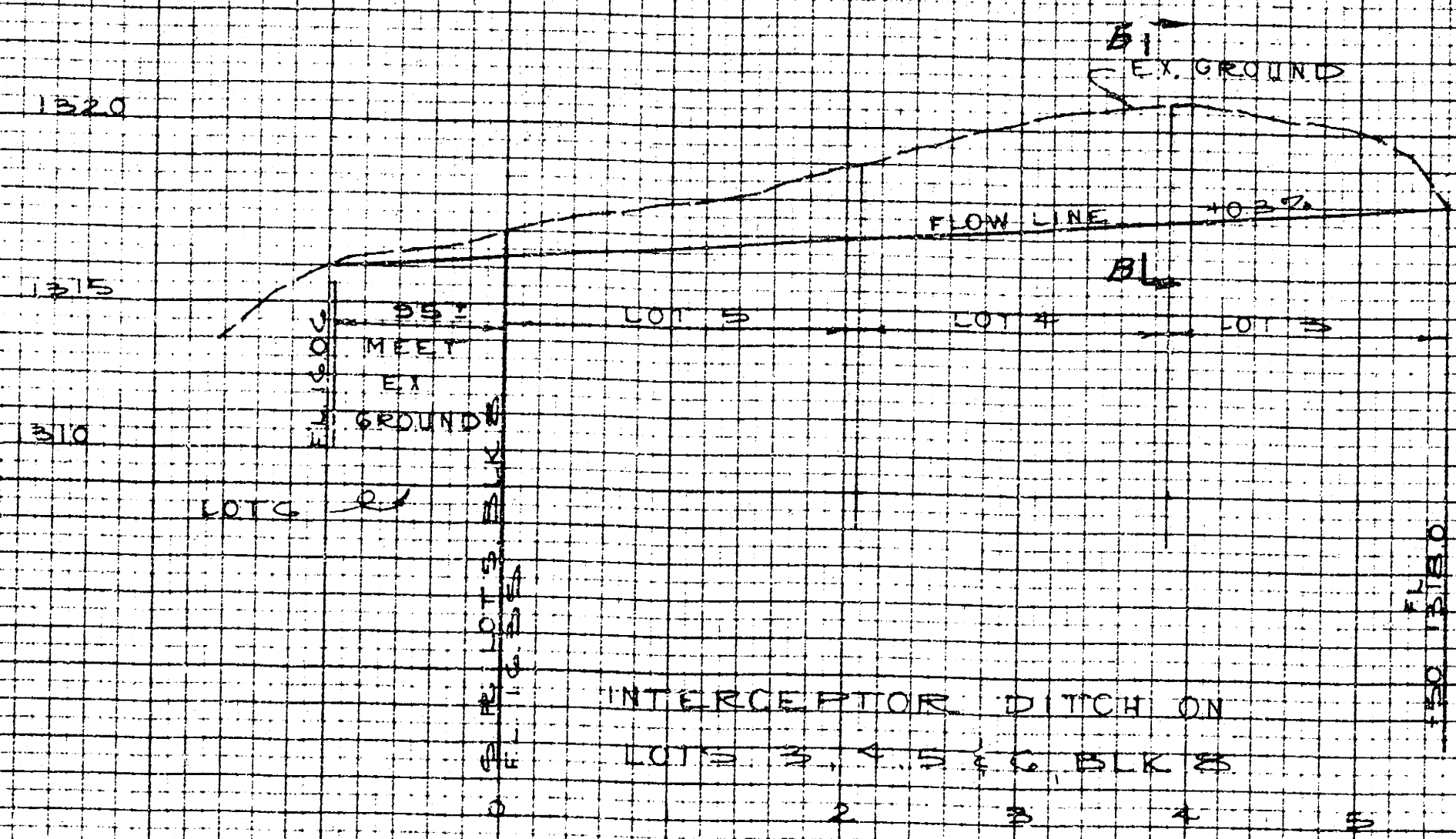
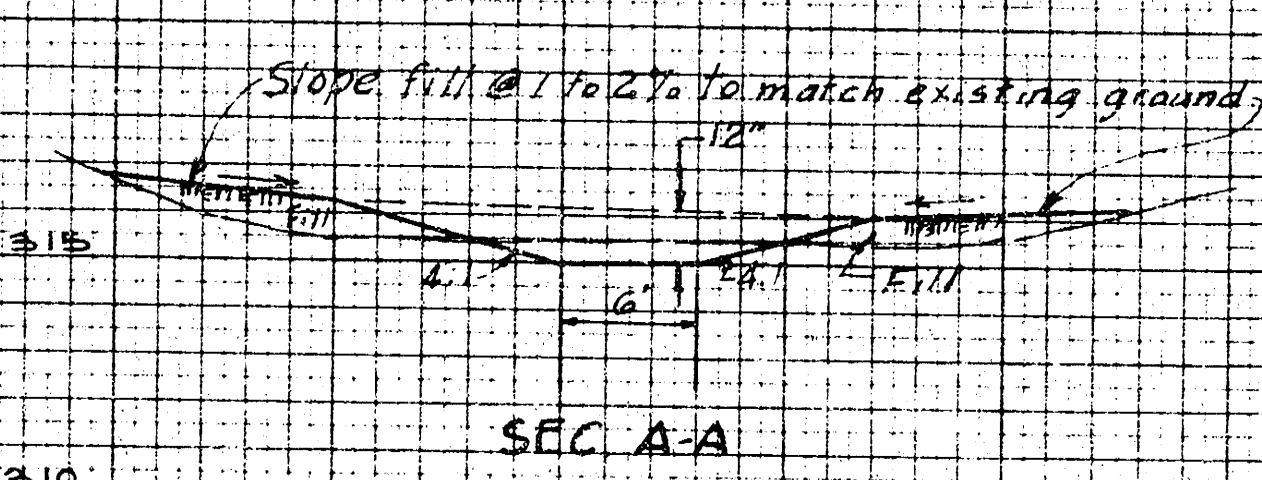
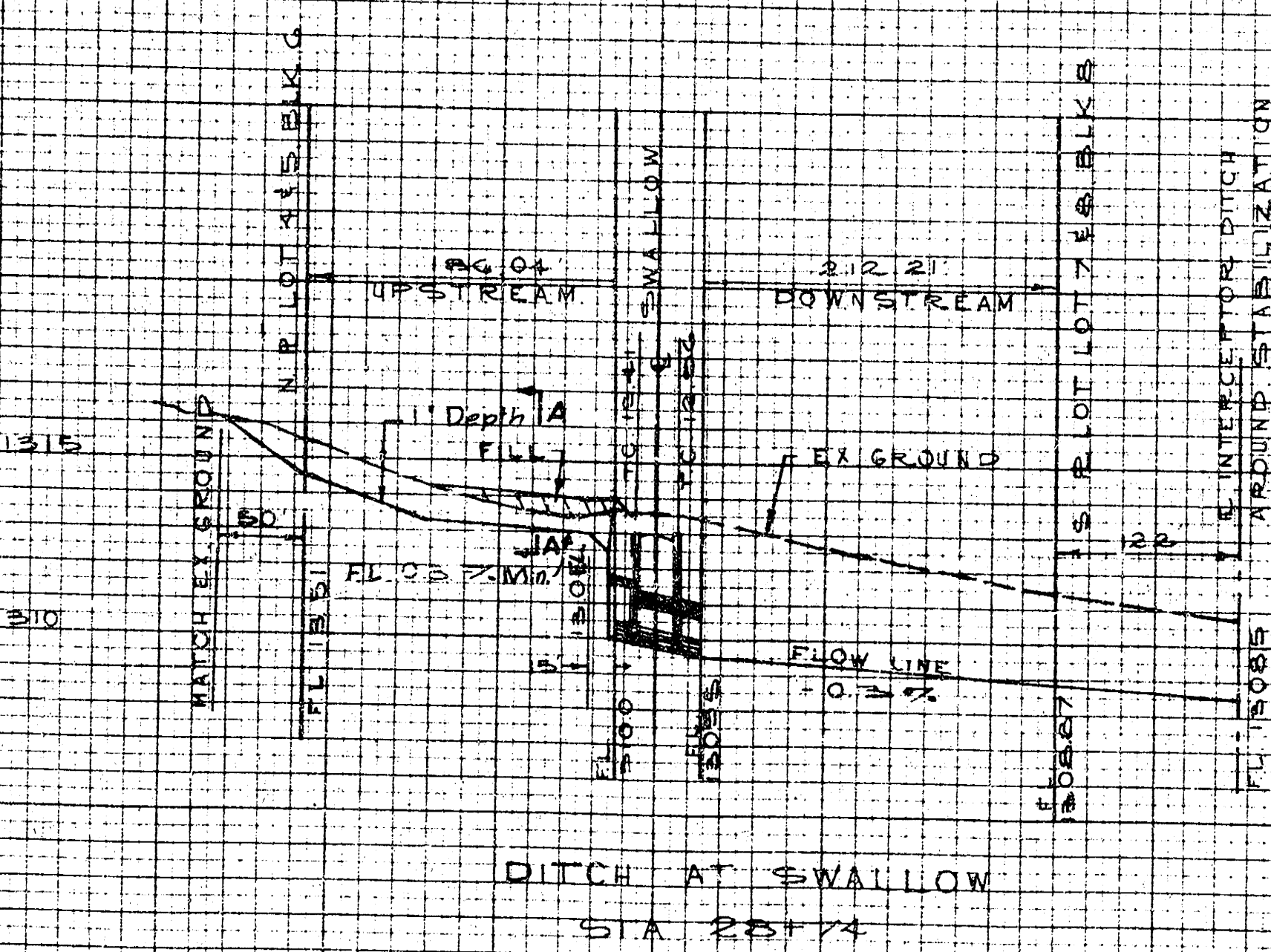
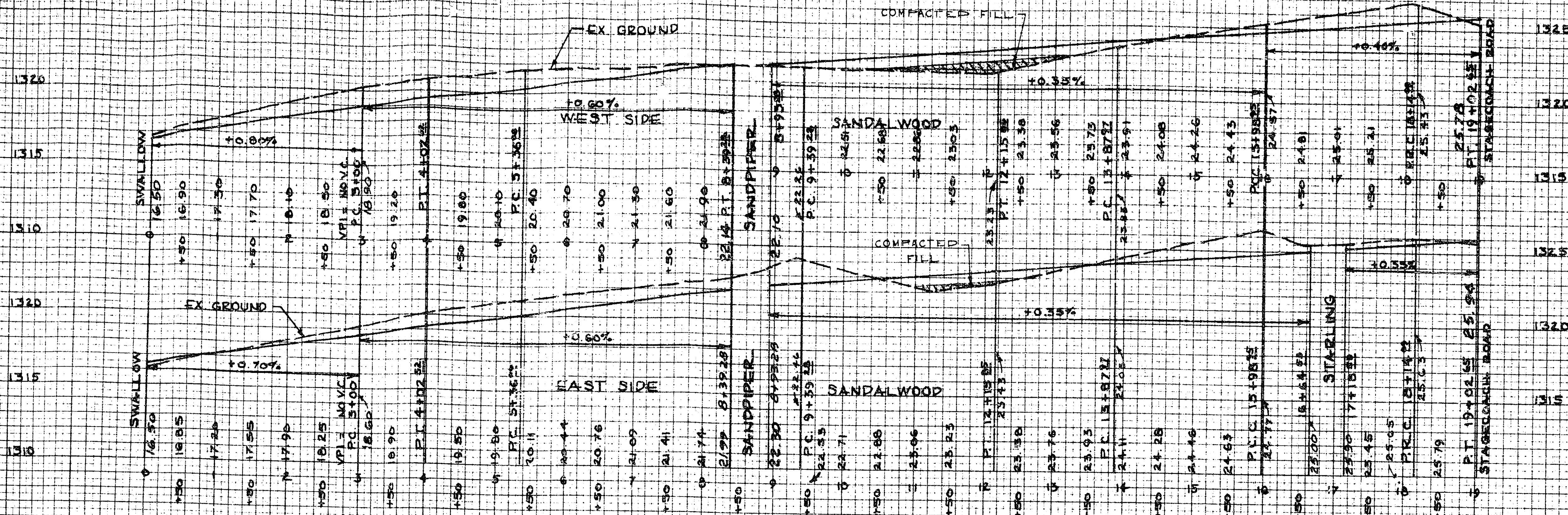


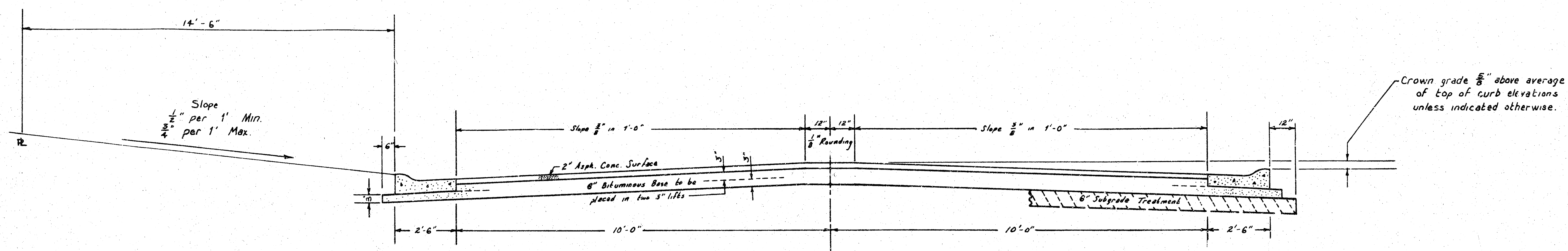
FINAL SURVEY	DATE
SURVEYED	BY
NOTED	DATE
NO. BOOK	DATE
NO. AREAS CHECKED	DATE

ORIGINAL SURVEY	DATE
SURVEYED	BY
NOTED	DATE
NO. BOOK	DATE
NO. AREAS CHECKED	DATE

SHADYBROOK FARM ADD. STREET PROFILES

K.O. TAYLOR P.E.
1" = 100' HORIZ.
1" = 5' VERT.





TYPICAL SECTION

25' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

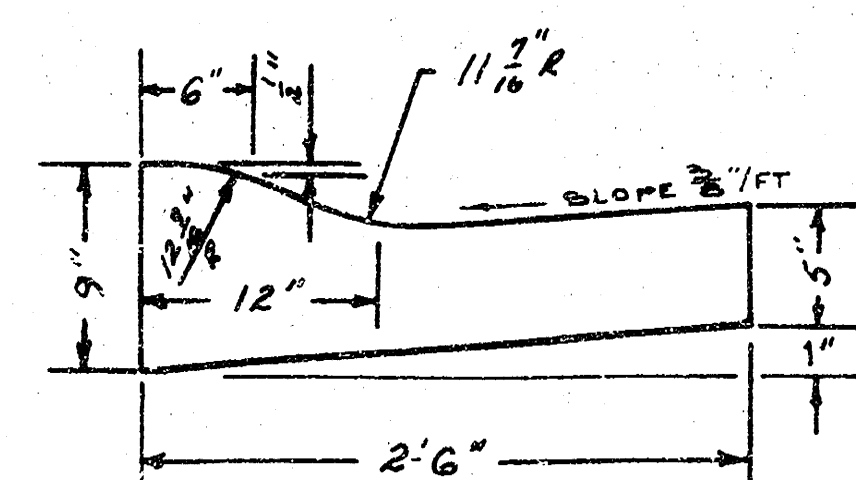
A TACK COAT OF EMULSIFIED ASPHALT (30-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.

THE USE OF LIME TREATED SUBGRADE WILL BE LARGELY DEPENDANT UPON THE QUALITY OF THE SOILS IN THE TOP OF THE COMPLETED SUBGRADE. THE ENGINEER MAY UNDERRUN ANY OR ALL OF THE LIME TREATED SUBGRADE. THE TOP 6" LAYER SHALL BE COMPACTED TO 95% OF THE STANDARD DENSITY WHERE THE LIME TREATED SUBGRADE IS DELETED.

The A.C. Pavement between the comb. curb & gutter shall be paid as sq. yds. 8" A.C. Pavement (6" Bituminous Base).
The Bituminous Base under the comb. curb & gutter shall be paid as sq. yds. 3" Bituminous Base.

ROLL TYPE CURB AND GUTTER



SHADYBROOK FARM ADDITION

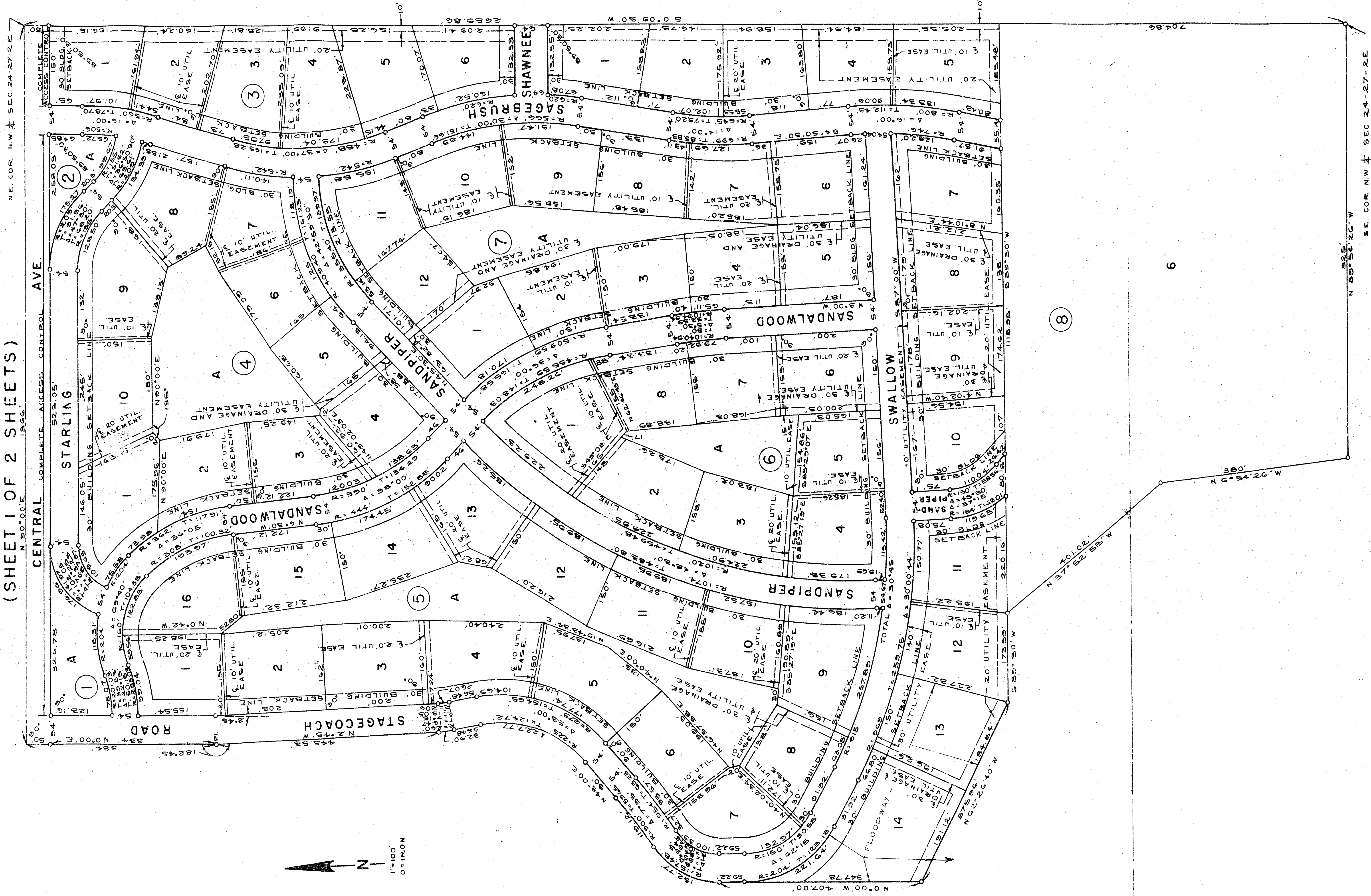
STREET IMPROVEMENTS

K. O. TAYLOR, P.E.
SEPTEMBER, 1972

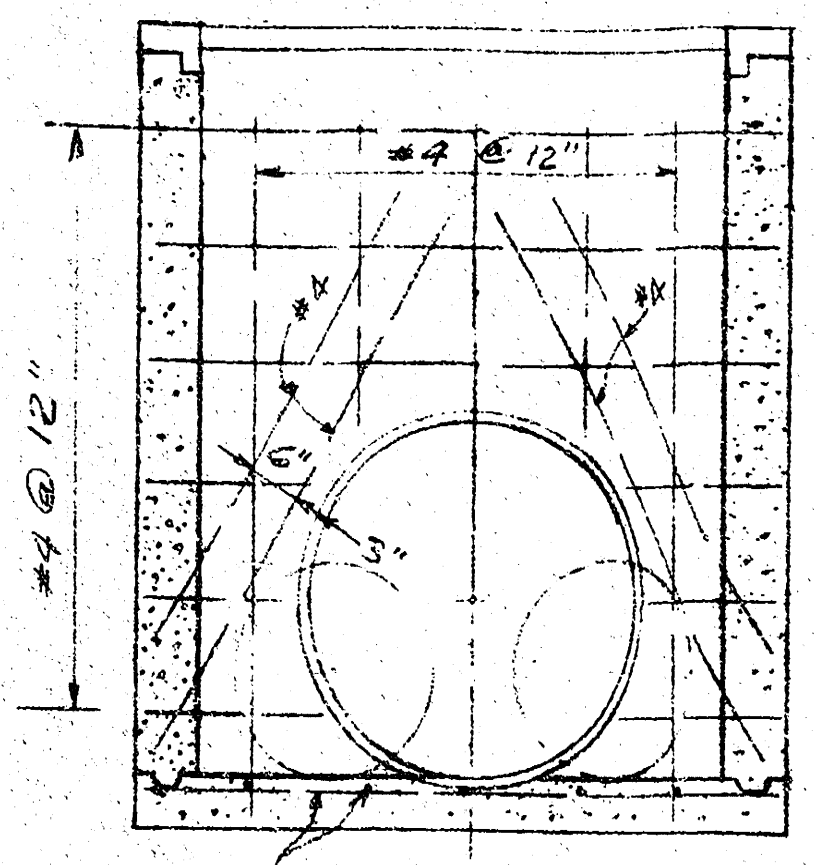
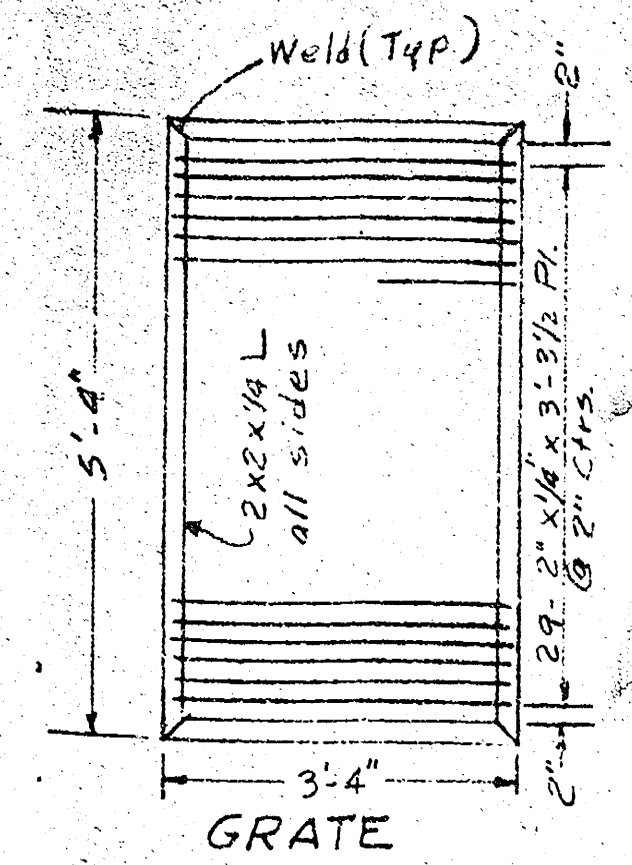
SHADYBROOK FARM ADDITION

SEDGWICK COUNTY, KANSAS

(SHEET 1 OF 2 SHEETS)

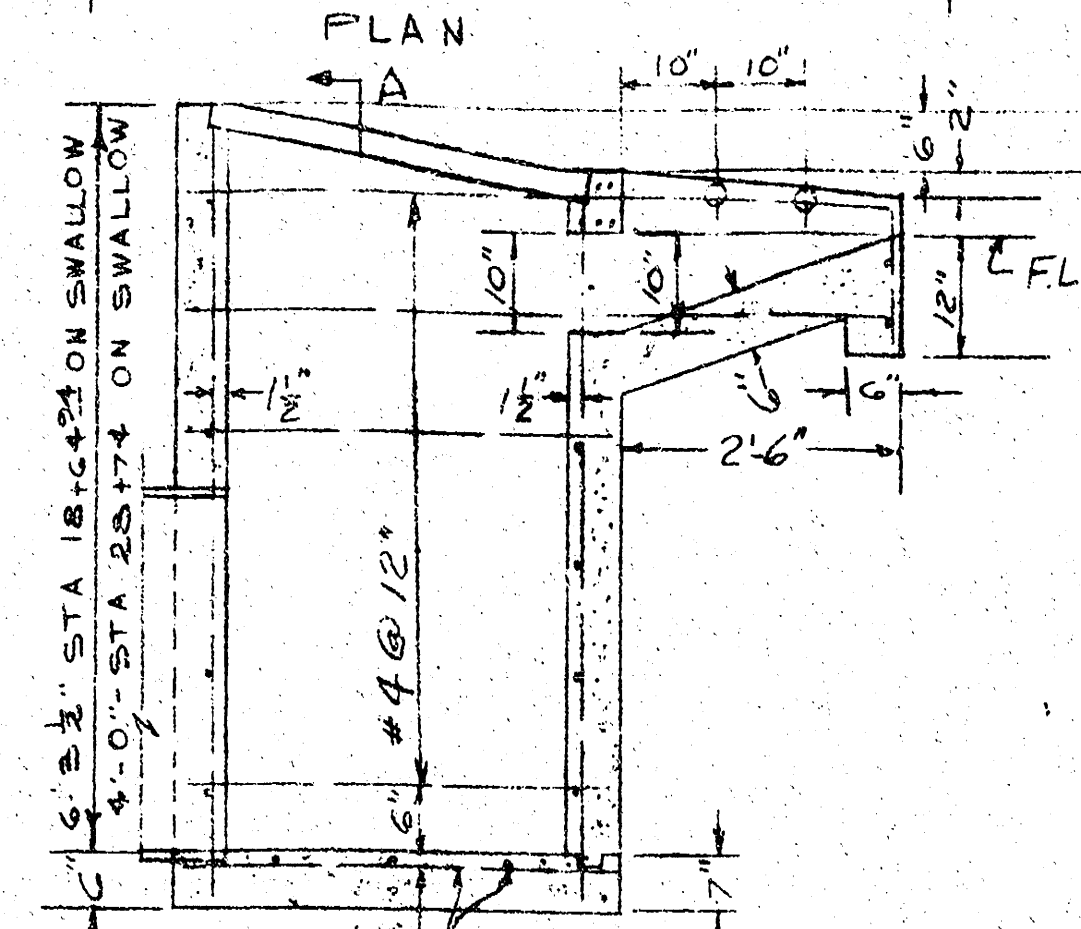
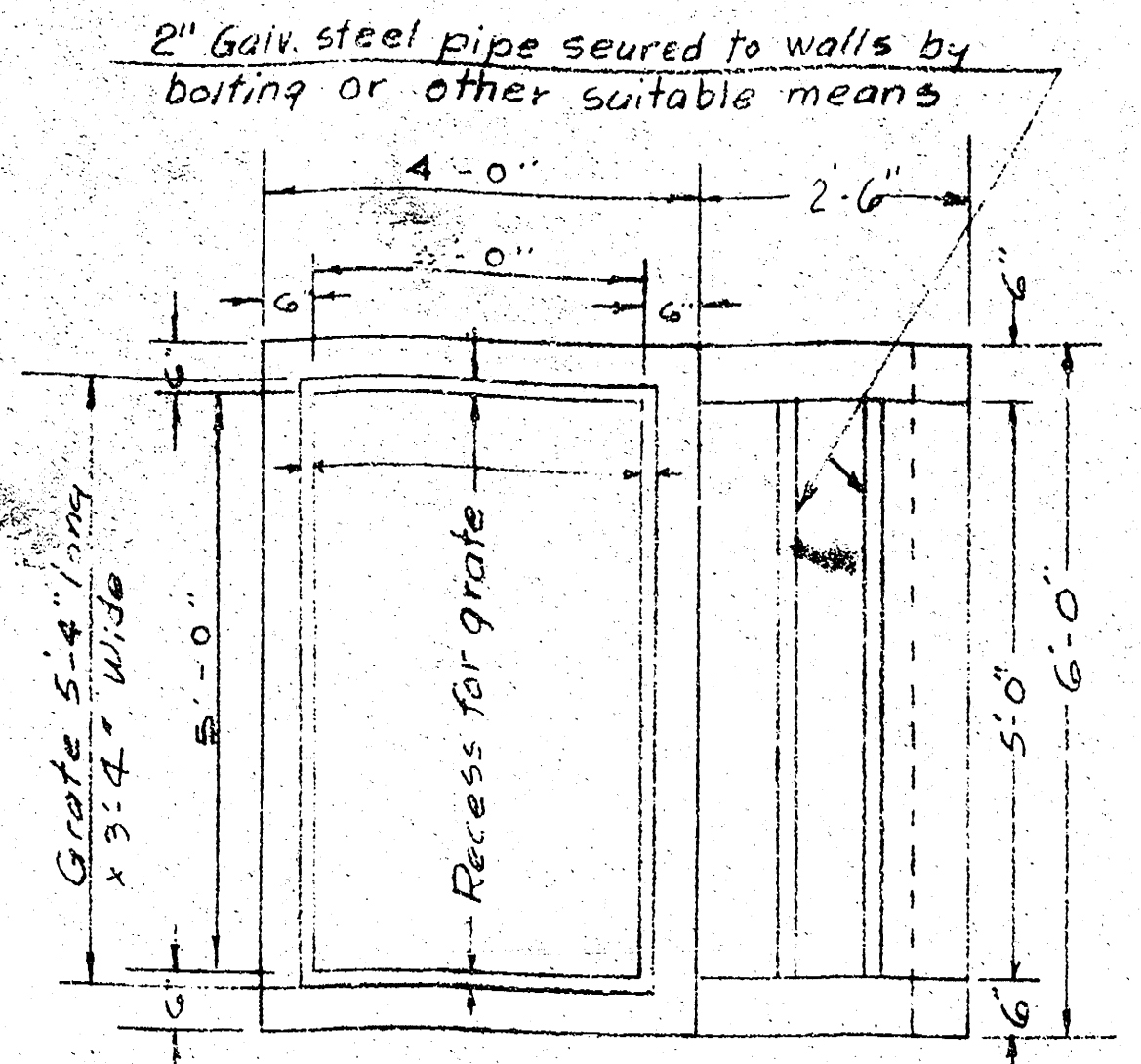


1/4x2 Pl. welded to angle

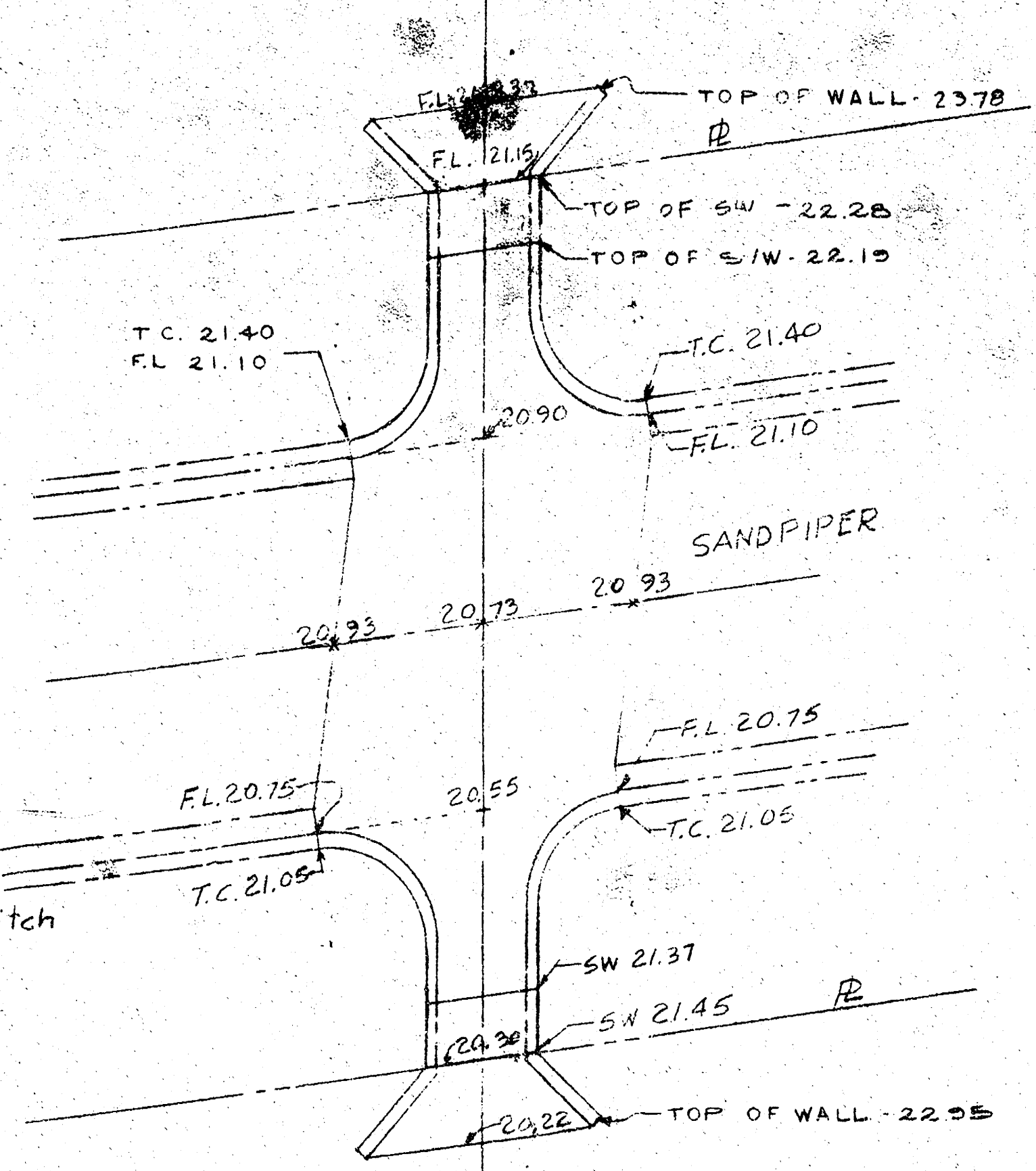


ELEVATION A-A

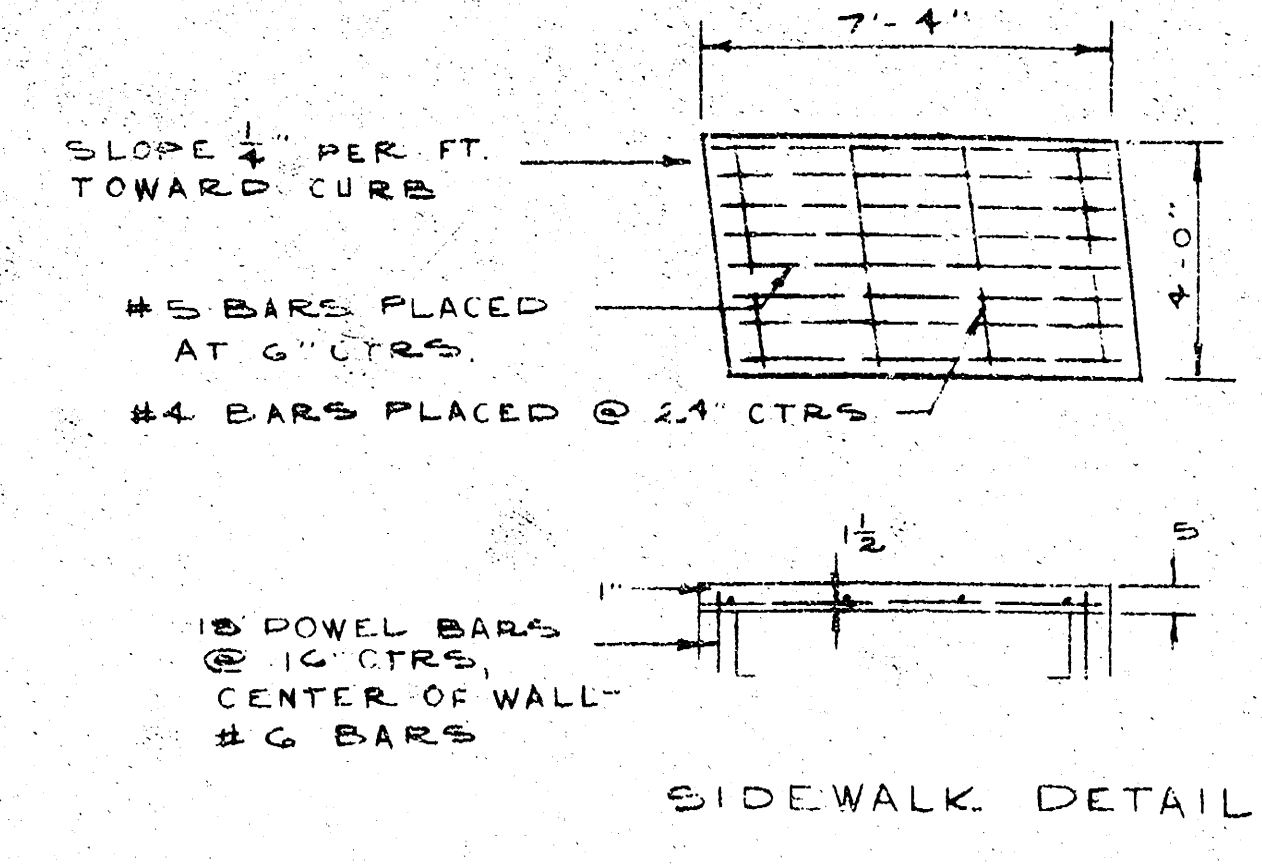
INLET BOX



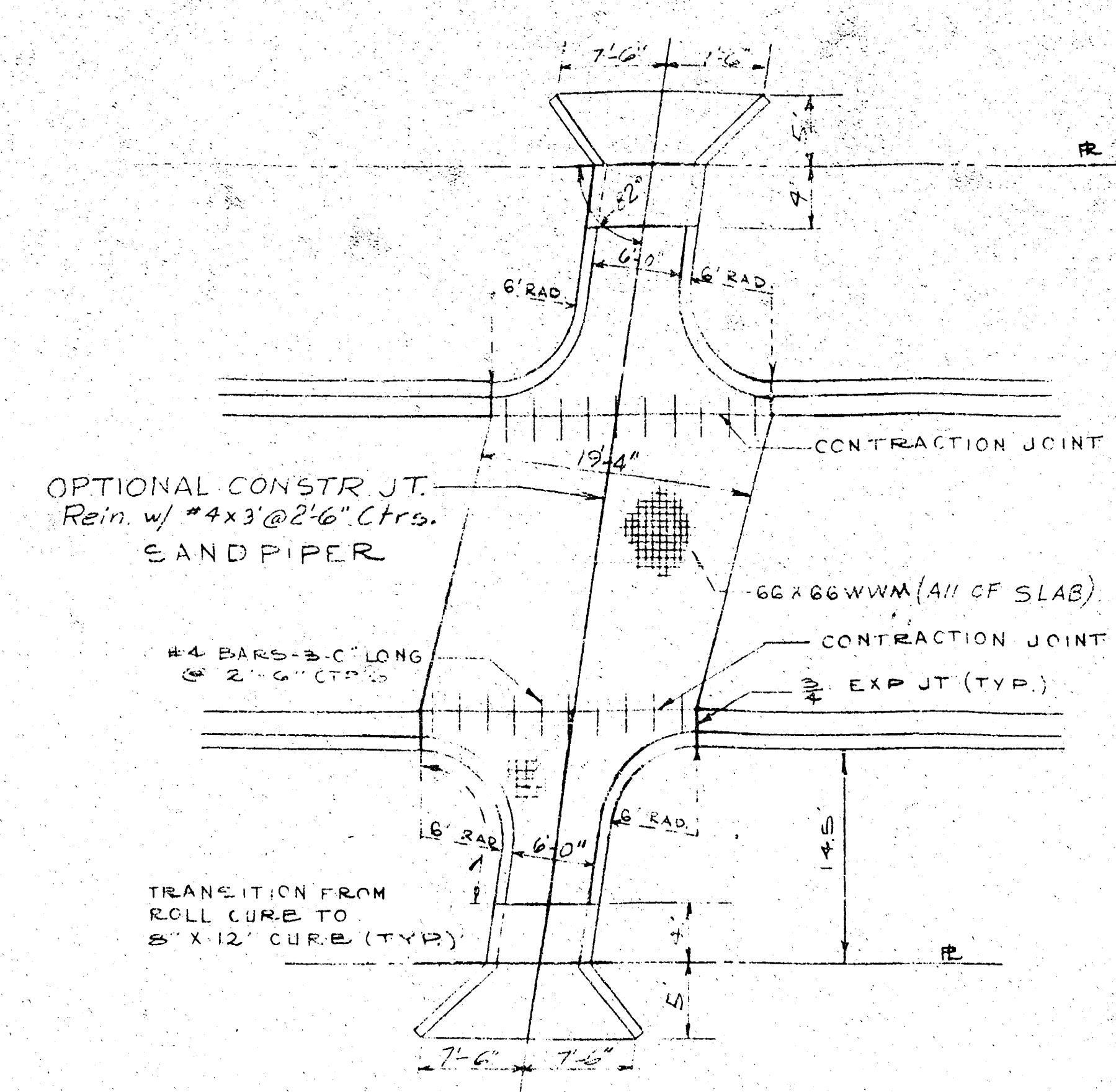
SECTION



STORM SEWER @ STA 18+64.24
ON SWALLOW



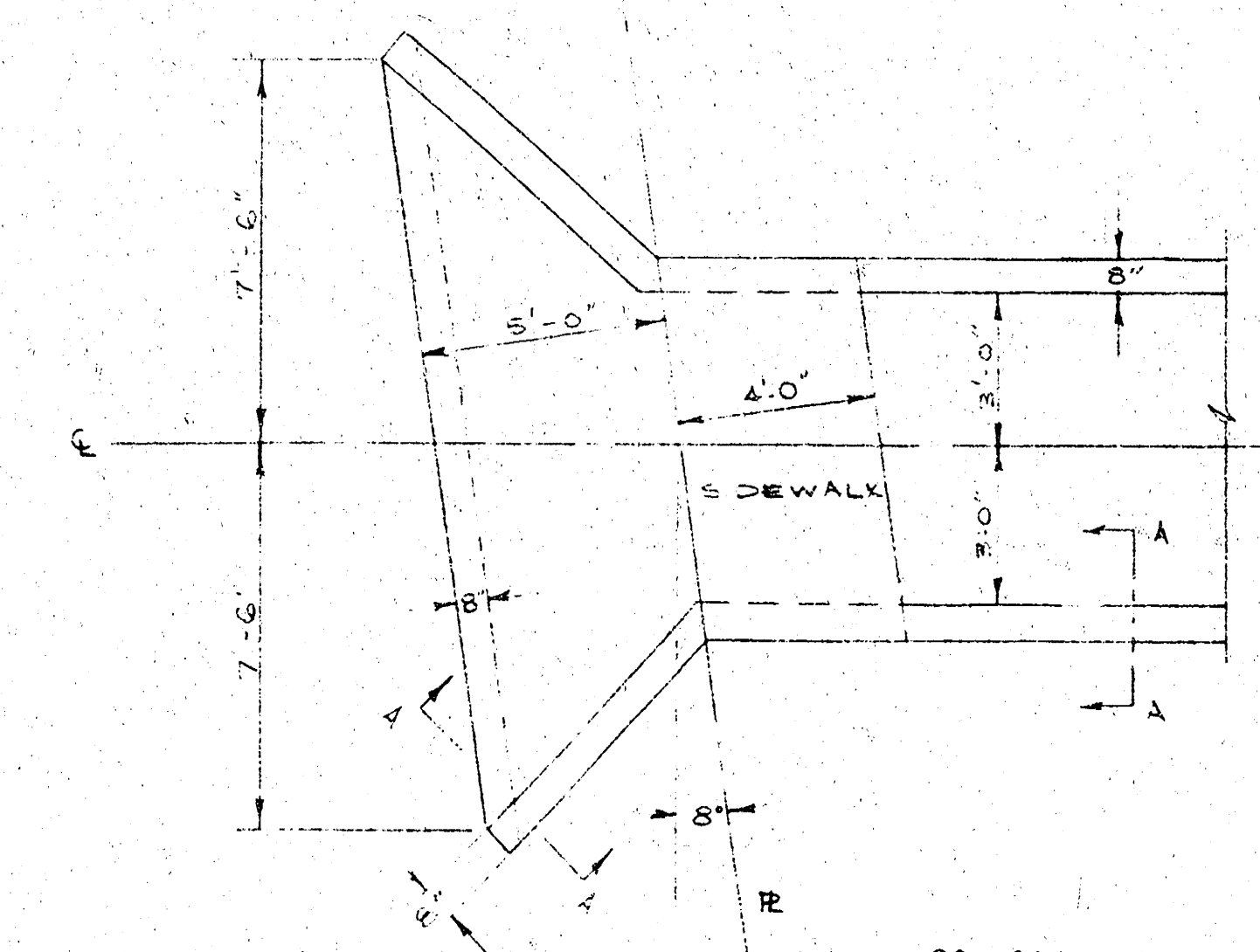
SIDEWALK DETAIL



OPTIONAL CONSTR. JT.
Rein. w/ #4x3' @ 2'-6" Ctrs.
SANDPIPER

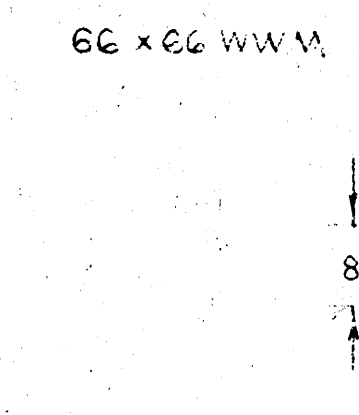
SECTION @ R

5' REIN. CONCRETE PAVEMENT
ACROSS STREET
AT SANDPIPER
@ STA. 3+84.85

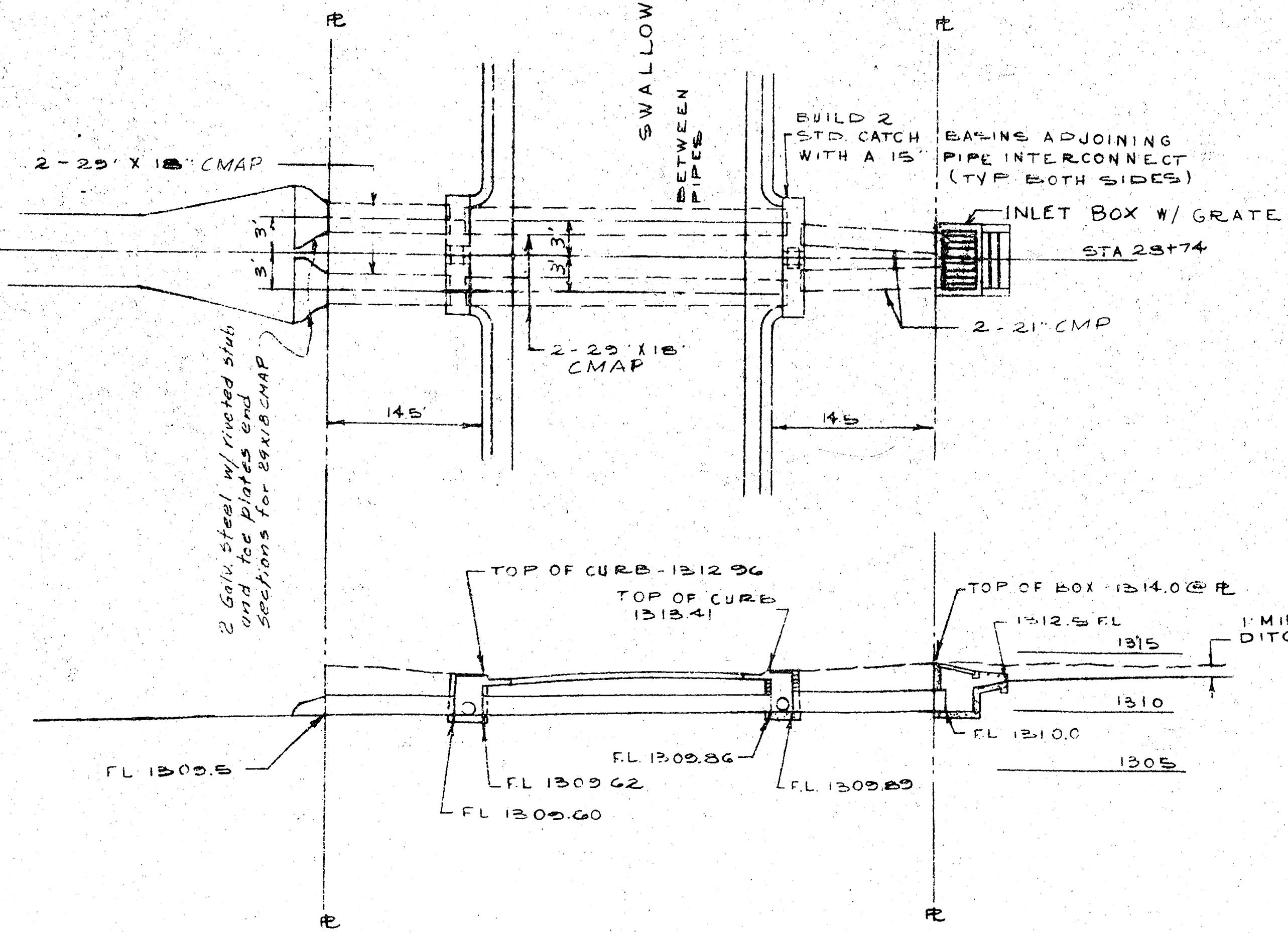


PLAN

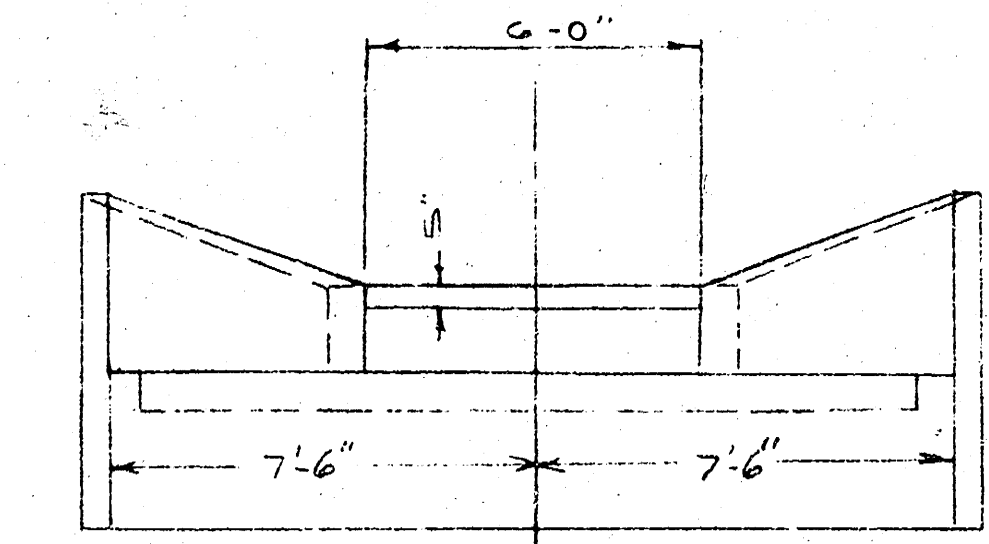
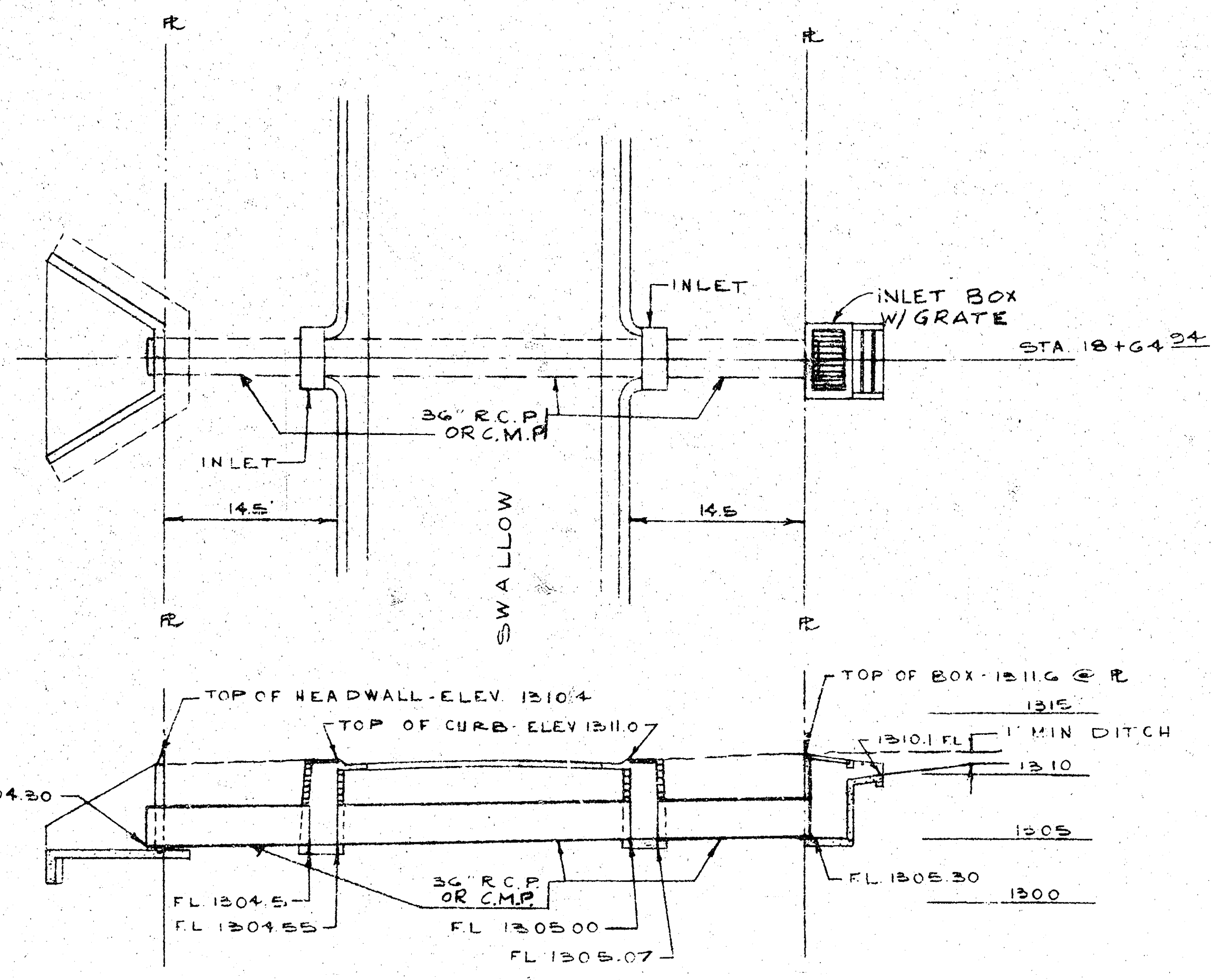
NOTE: #4 L-BARS @ 12"
USED TO REINFORCE
WALLS 6' OR GREATER
IN HEIGHT



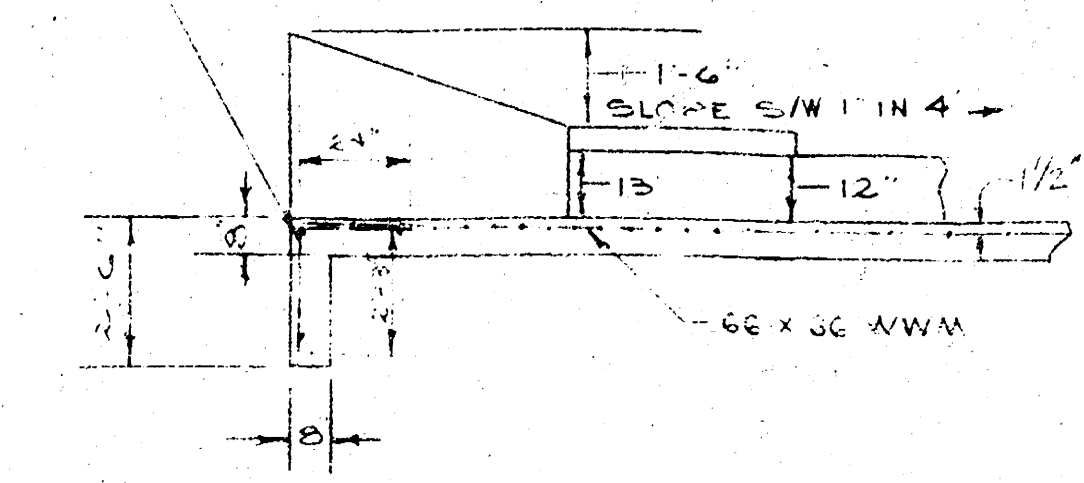
WALL SECTION A-A



STORM SEWER @ STA 28+74
ON SWALLOW

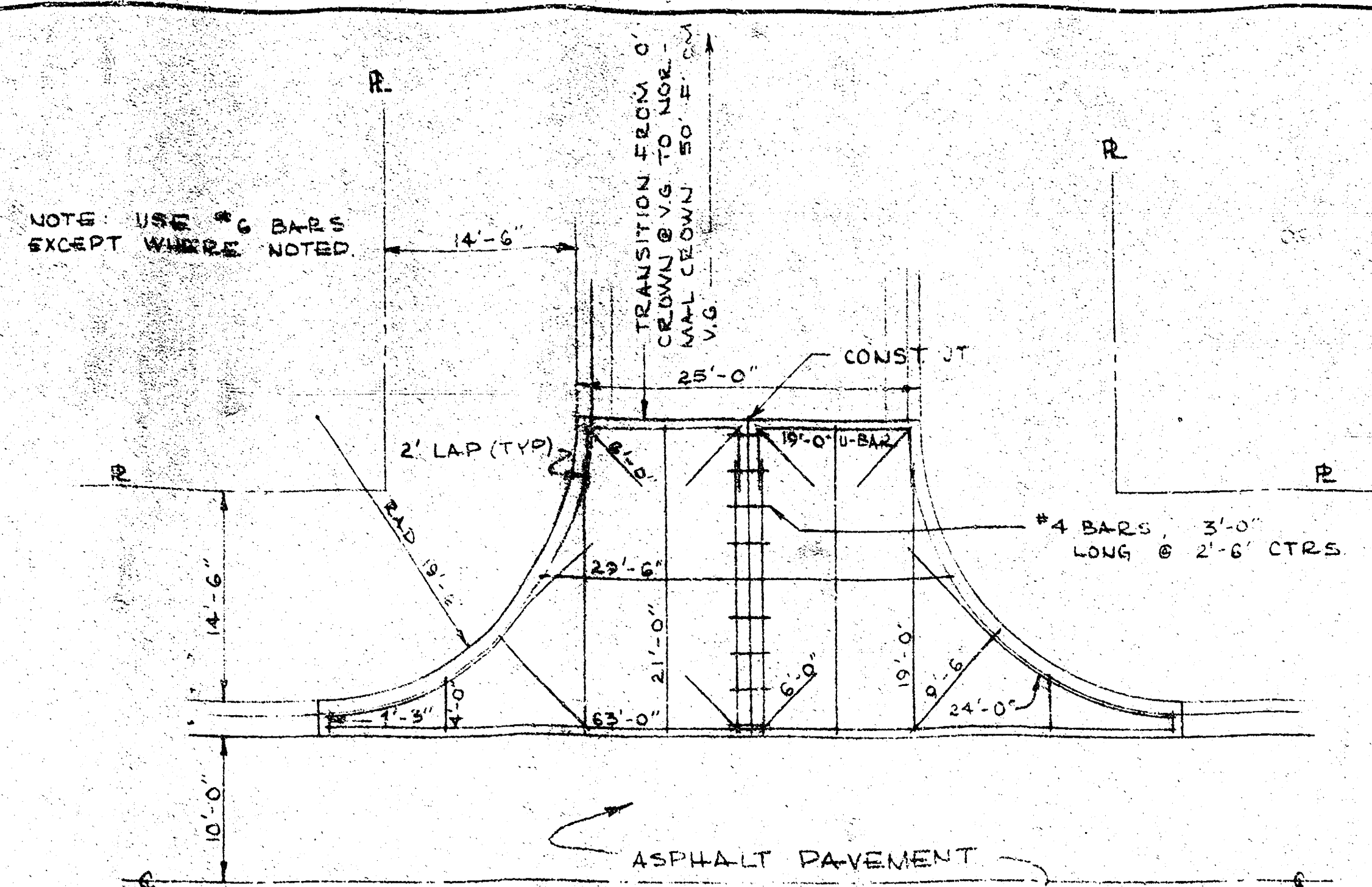


ELEVATION

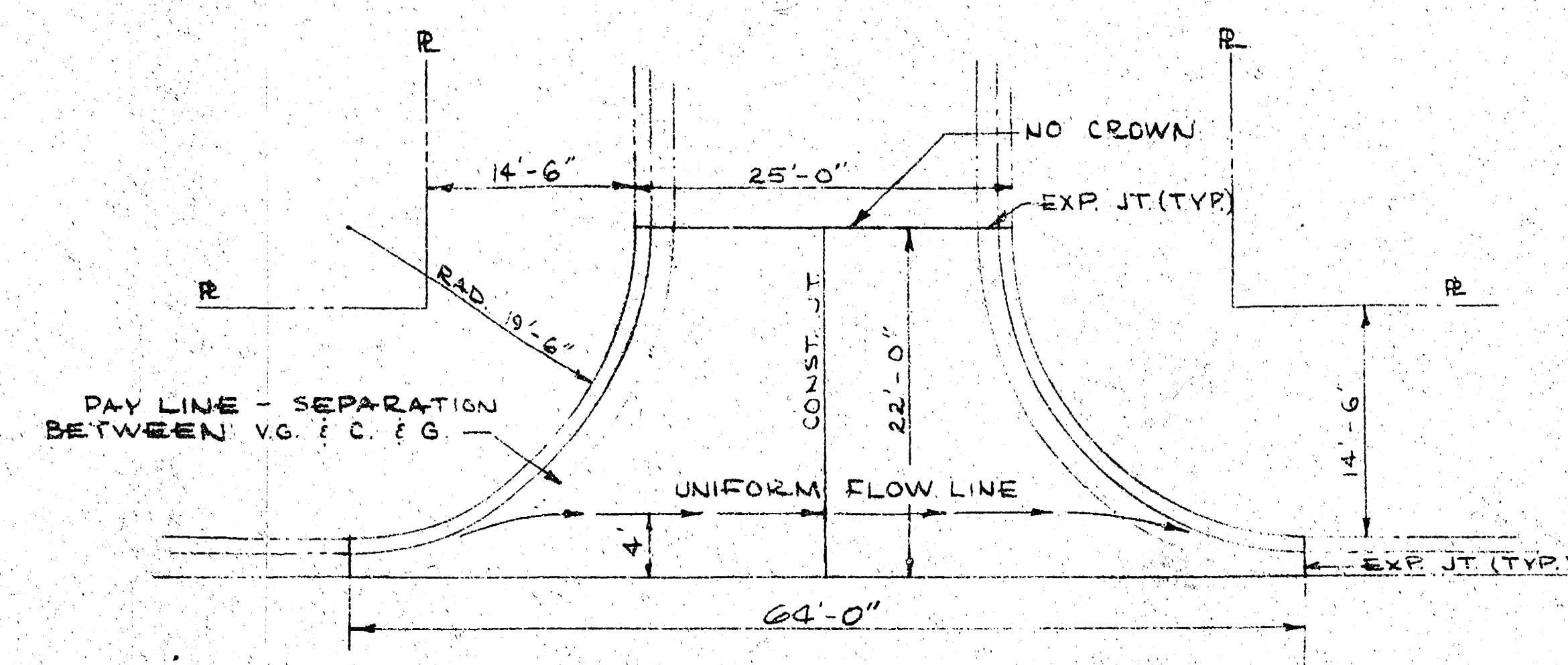


SECTION

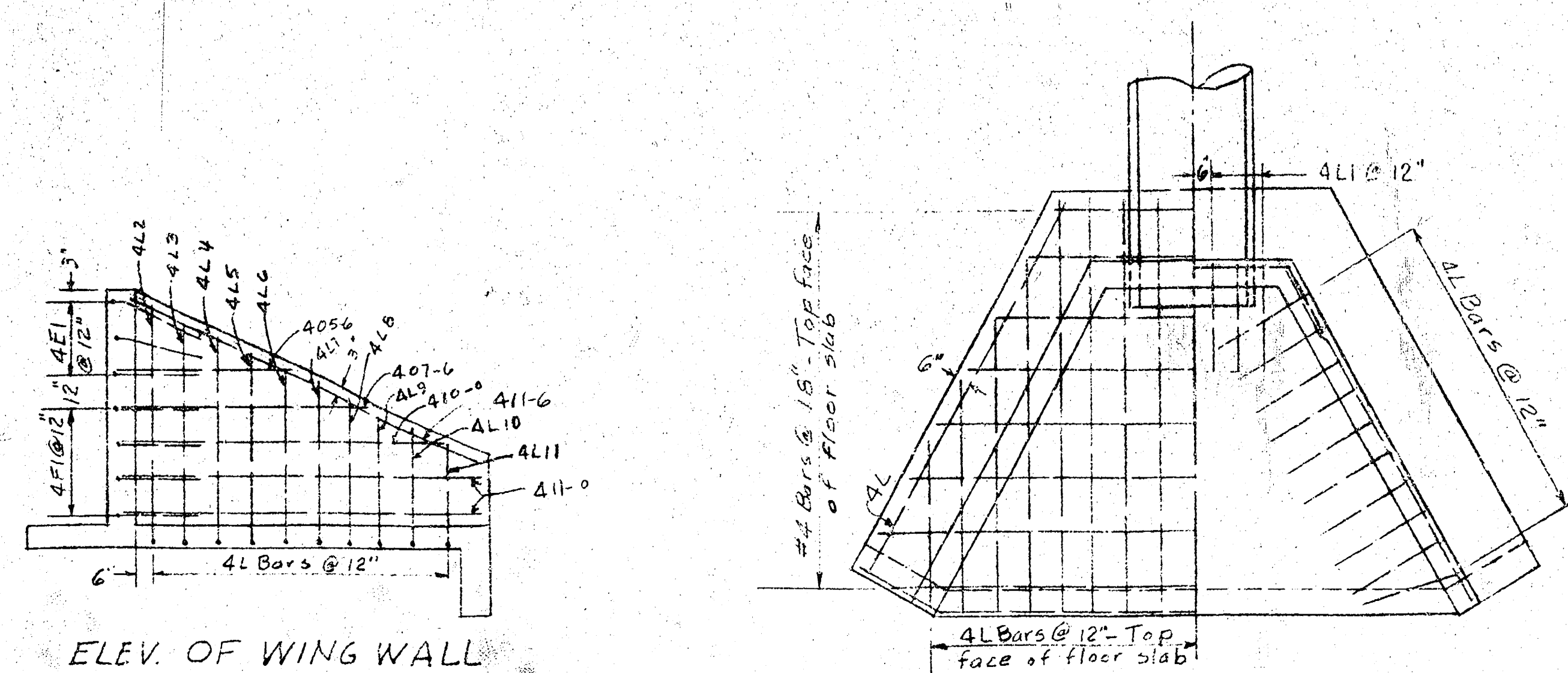
HEADWALL AT SANDPIPER



CONCRETE WING REINFORCEMENT

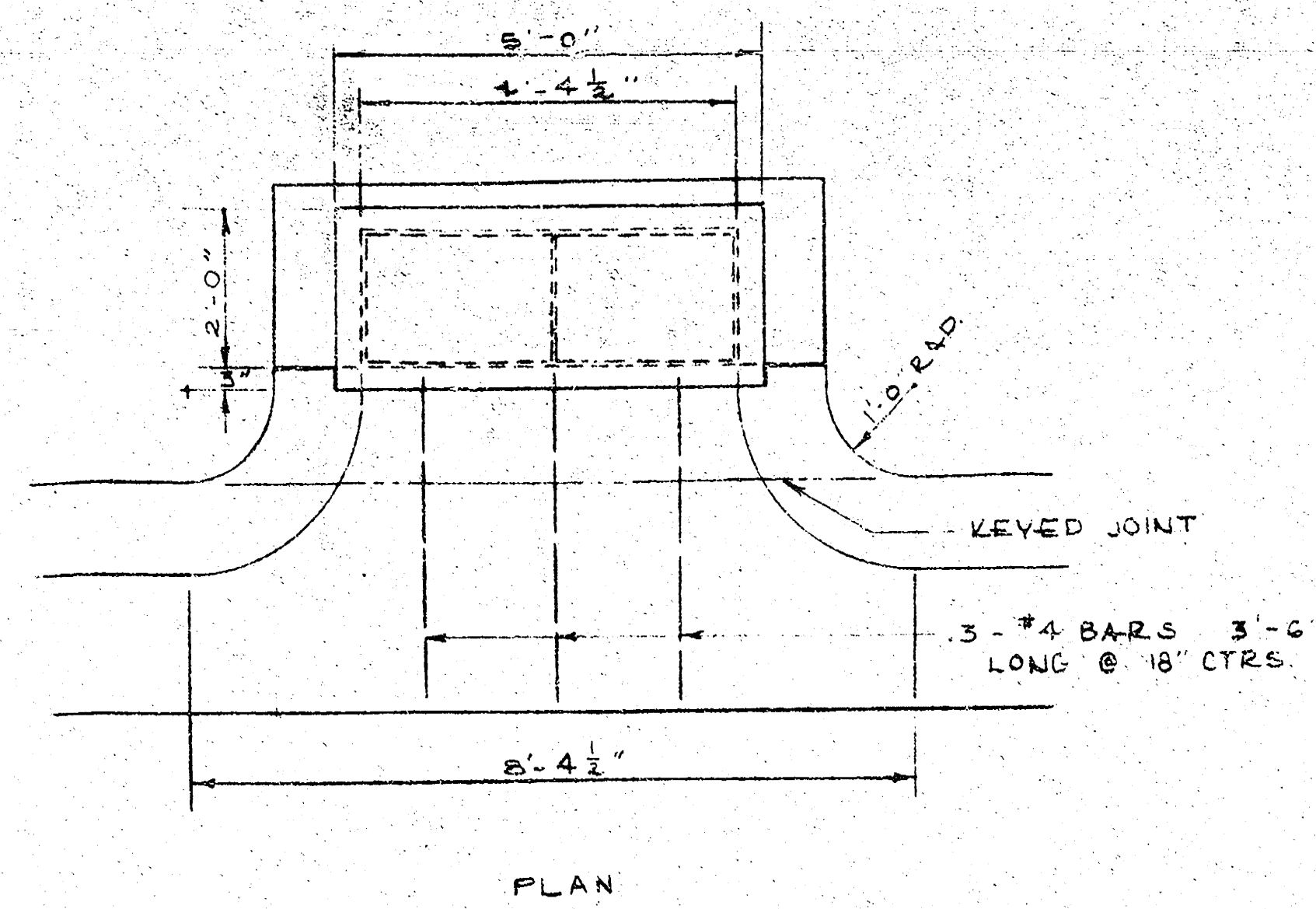


CONCRETE WING @ STREET INTERSECTION

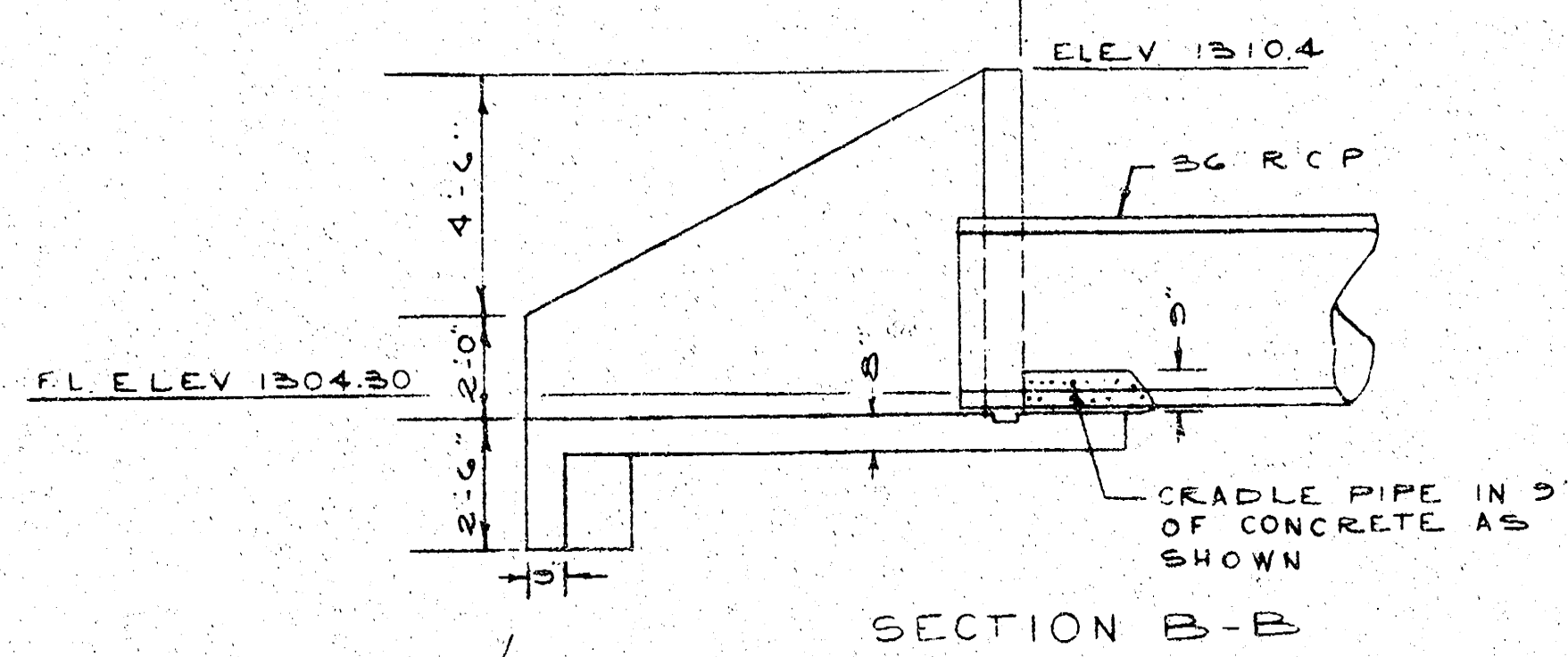
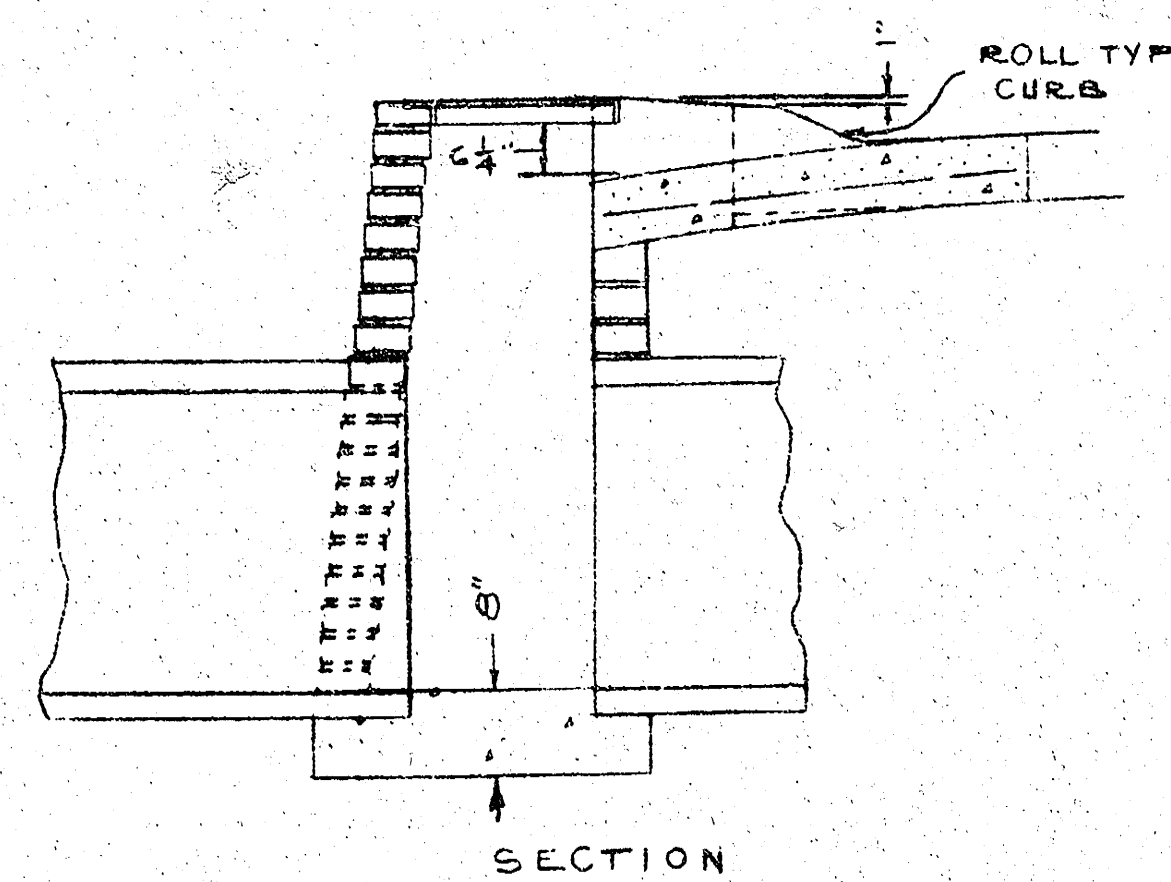


SECTION

HEADWALL REINFORCEMENT
NOTE: LAP ALL REINF. STEEL A MIN. OF 24"

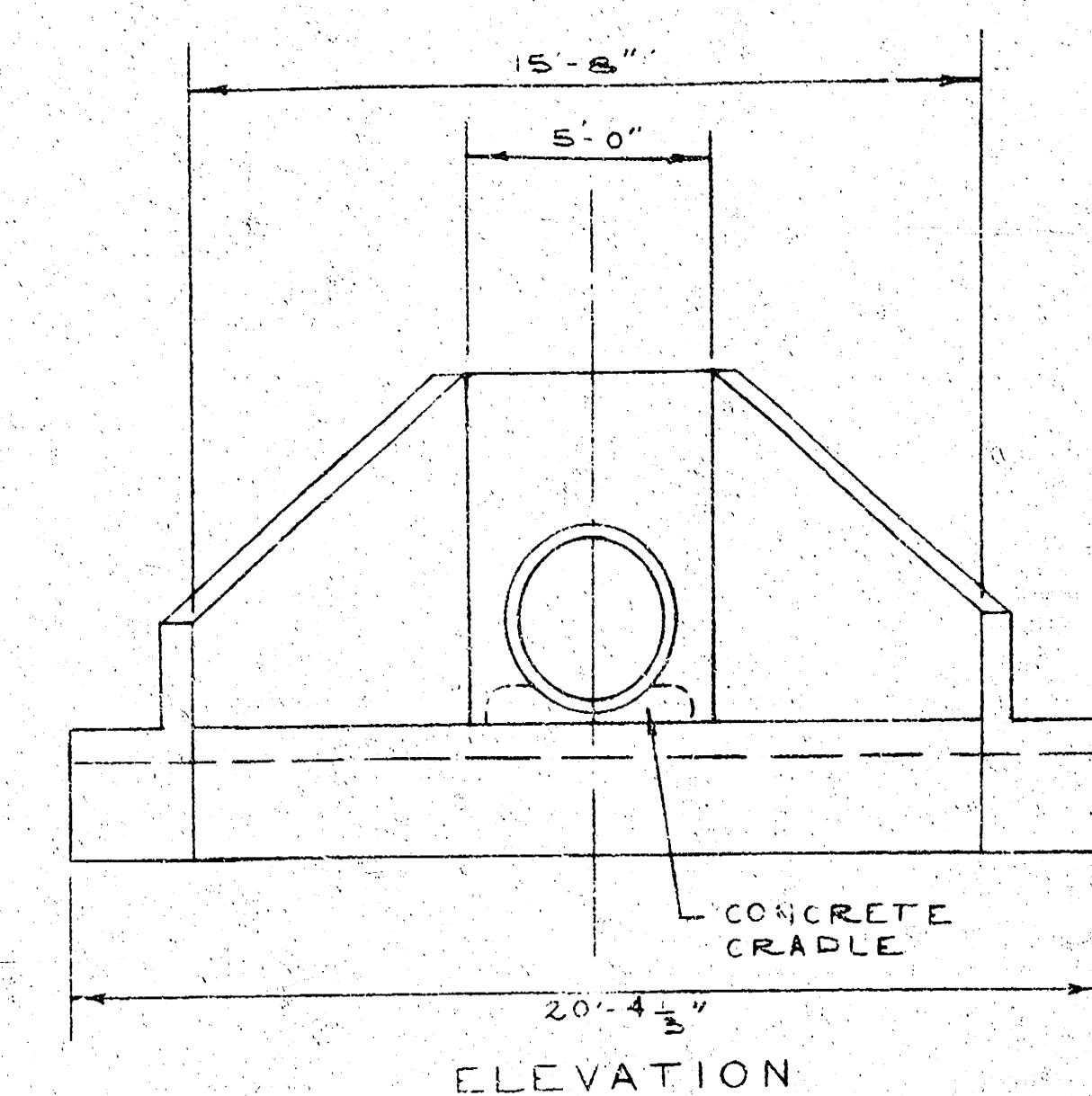


CATCH BASIN DETAILS
ROLL TYPE CURB
WICHITA STANDARD

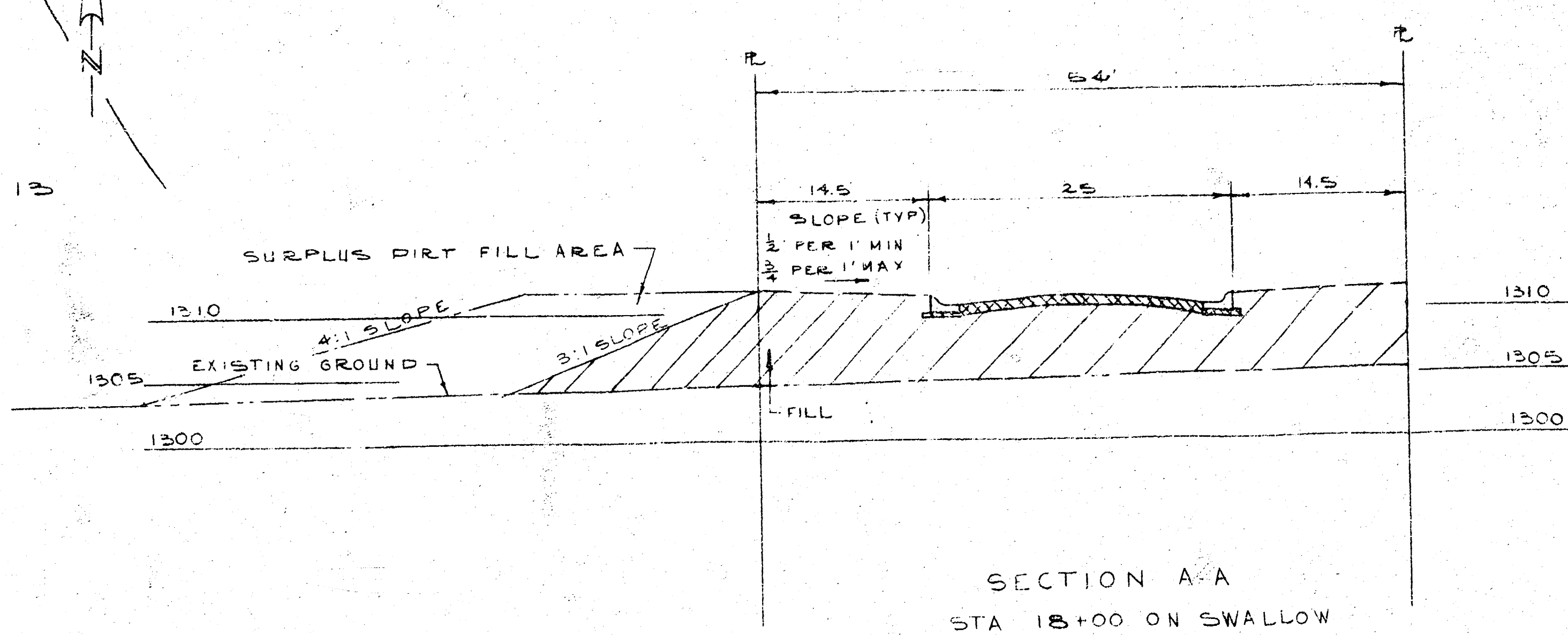
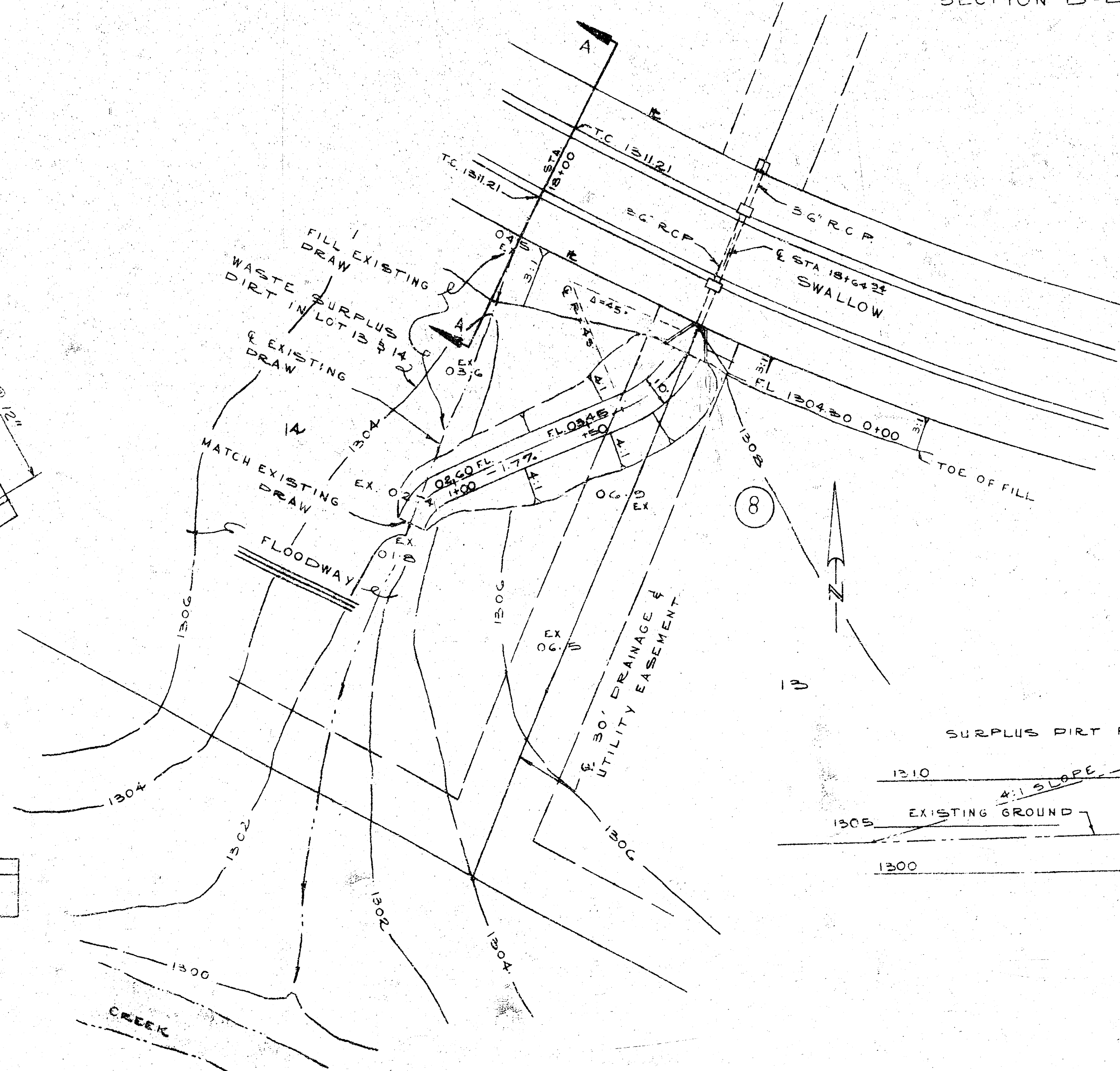


SECTION B-B

HEADWALL



ELEVATION



SECTION A-A
STA 15+00 ON SWALLOW