

SHADYBROOK FARM ADDITION

STREET IMPROVEMENTS

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

INDEX OF DRAWINGS

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3. Street Profiles
4. Street Profiles
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7. Plat of Shadybrook Farm Addition
8. Street and Storm Sewer Details
9. Street and Storm Sewer Details

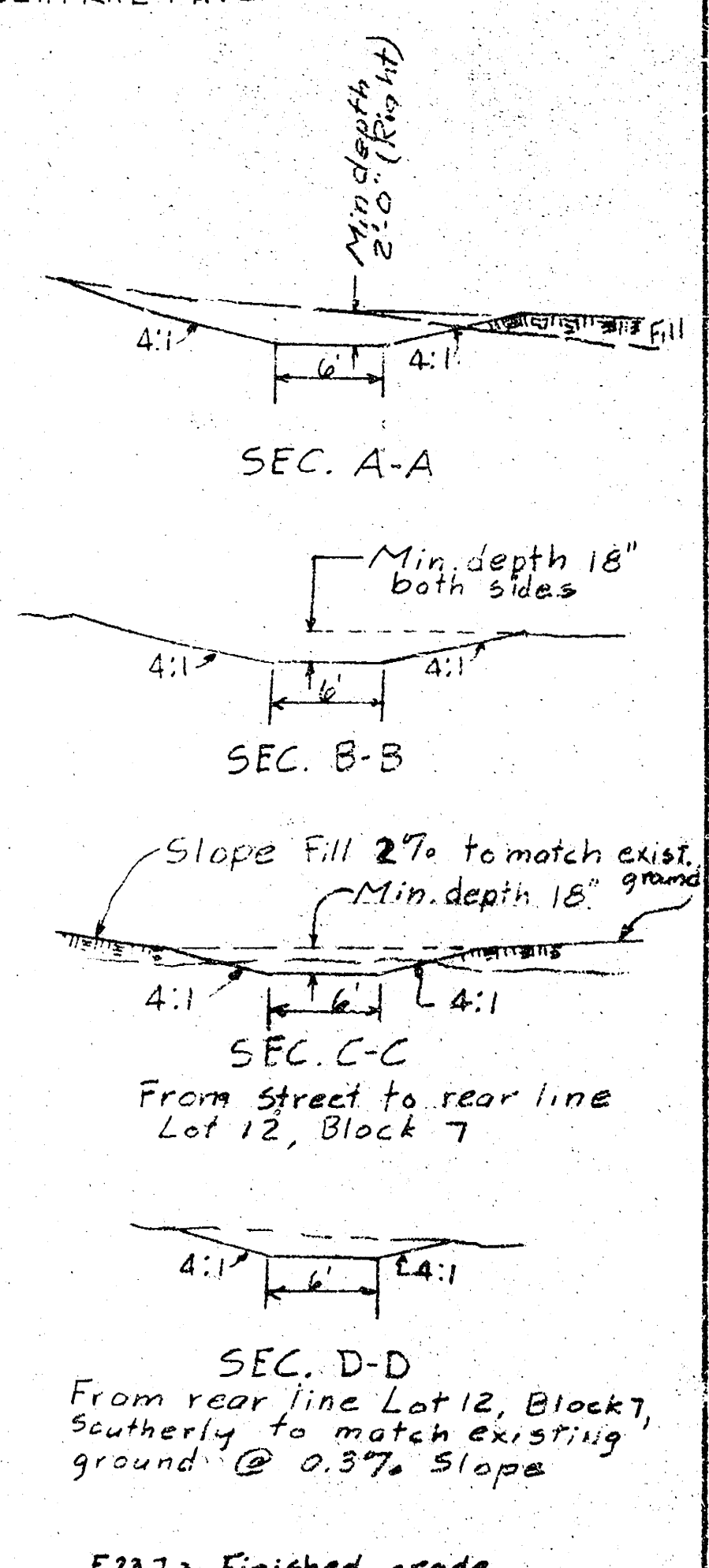
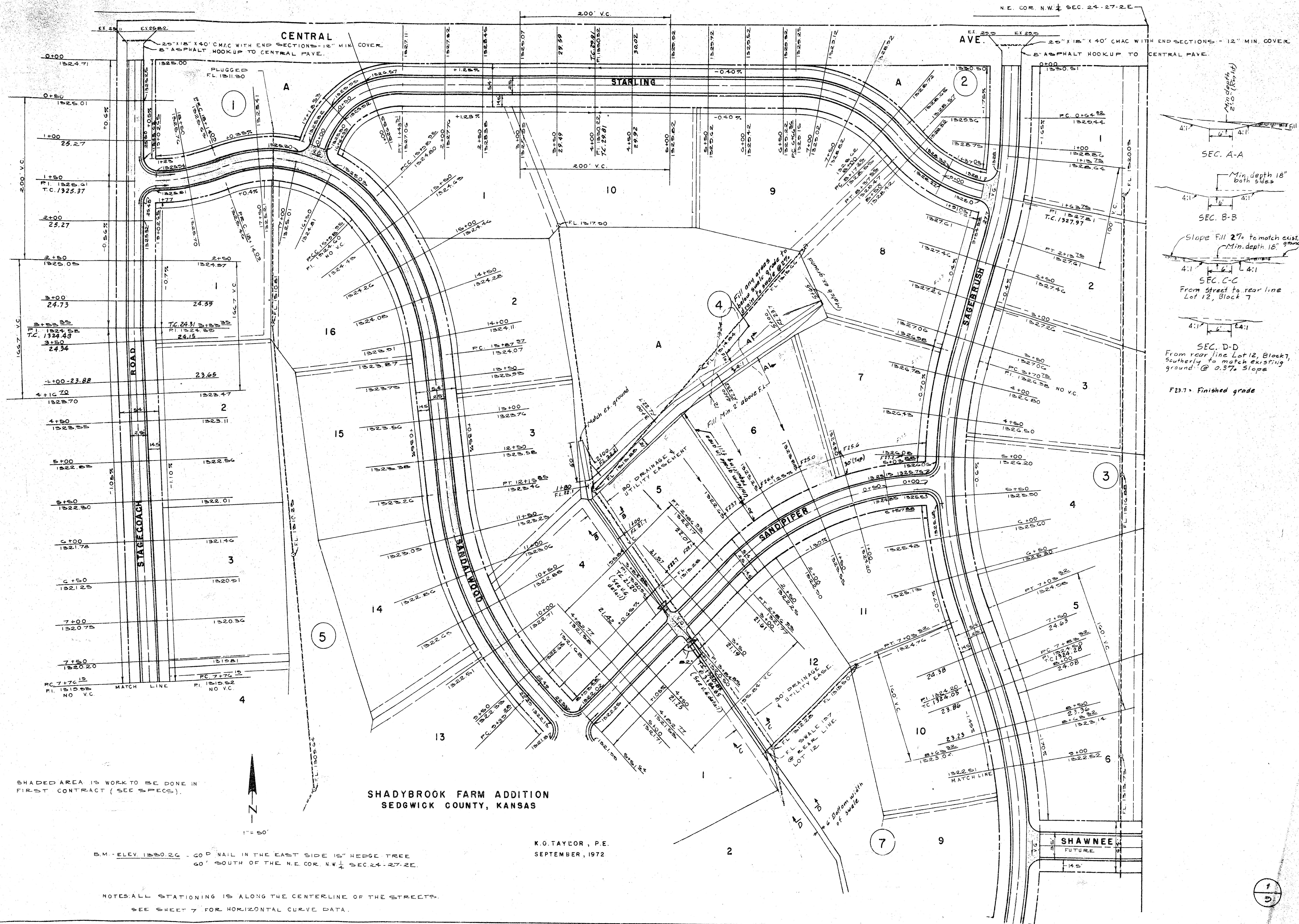
(Sewer Drawings)

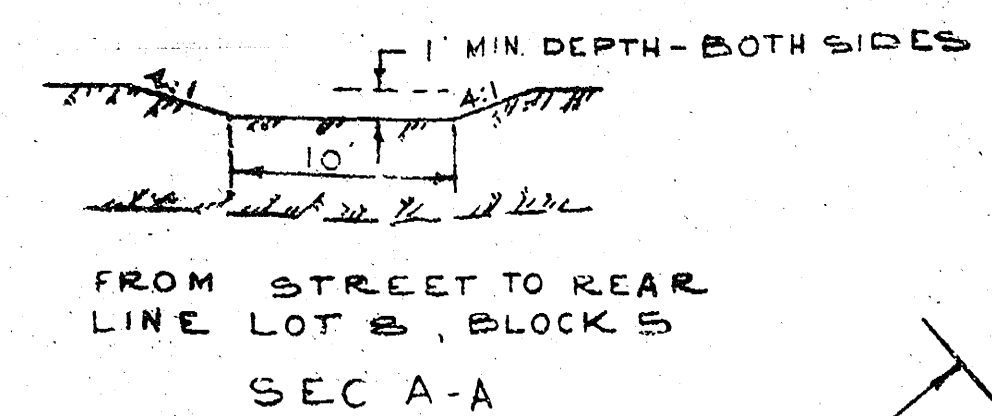
- Sheet 1 of 9 Sewer plan
Sheet 2 of 9 Sewer profiles
Sheet 3 of 9 Pond Plan

K. O. TAYLOR, P.E.

OCTOBER, 1972







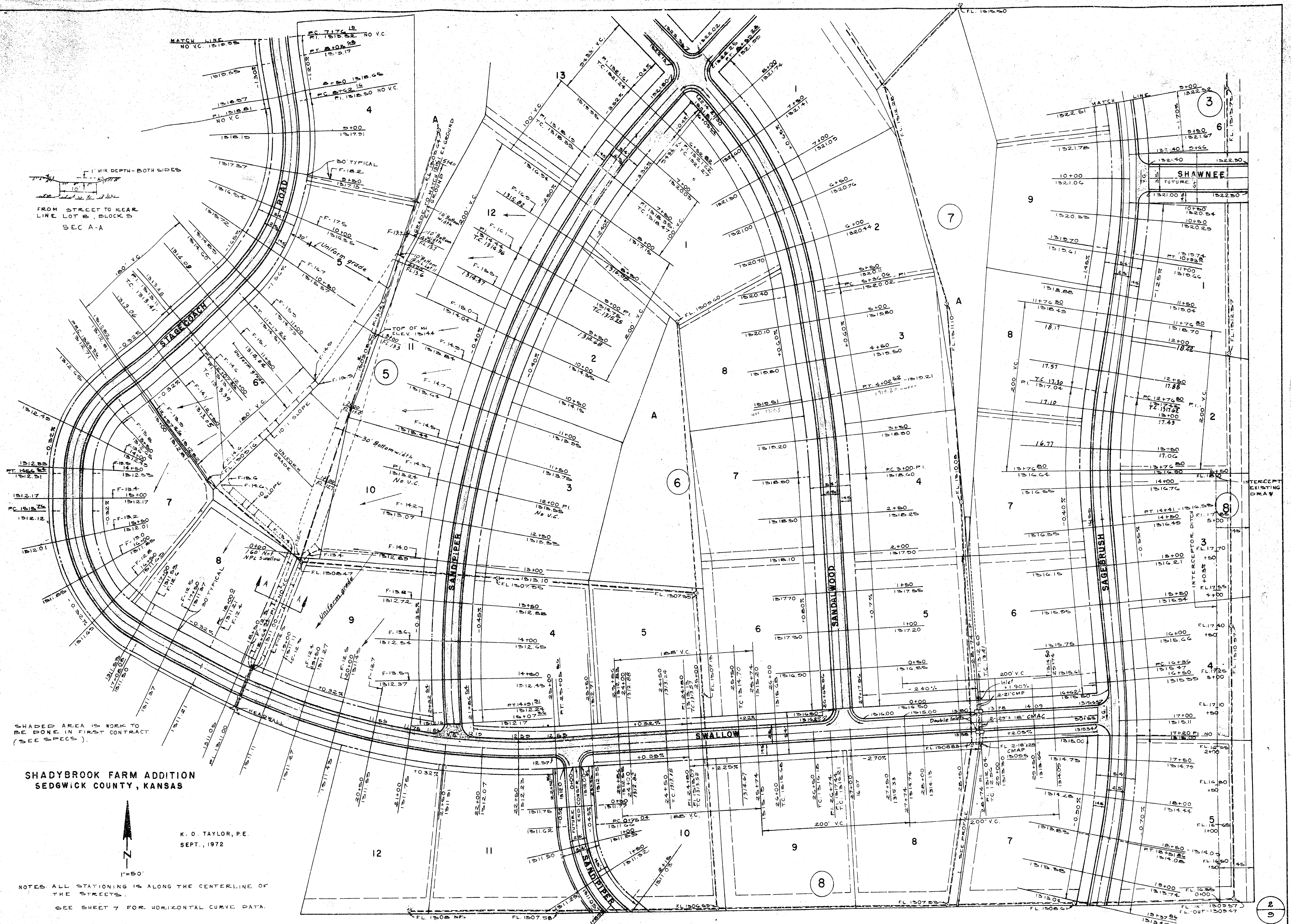
SHADED AREA IS WORK TO
BE DONE IN FIRST CONTRACT
(SEE SPECS).

**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.

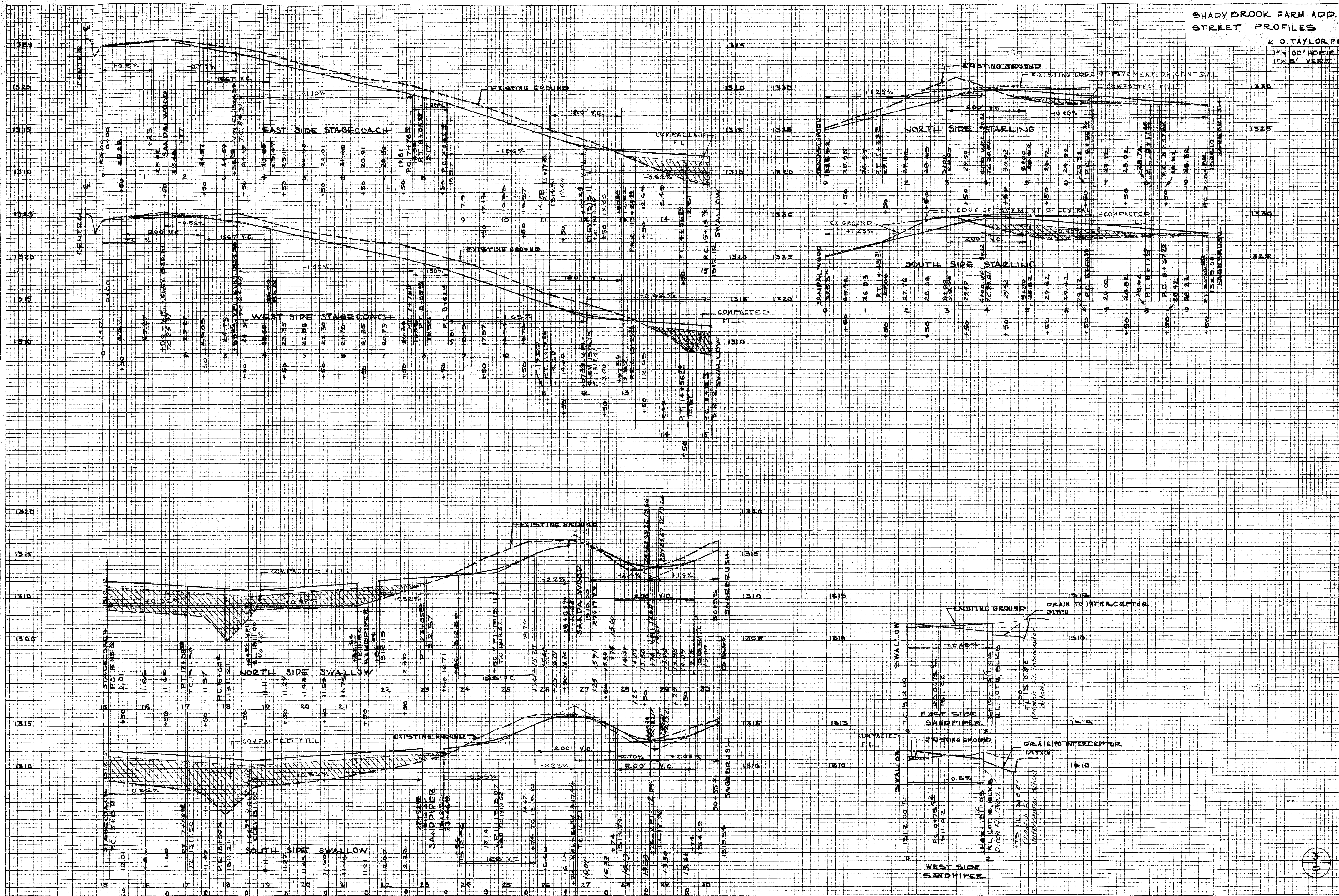


FINAL	DATE
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NOTED	BY
NO.	NO.

ORIGINAL	DATE
SURVEY	BY
NOTED	BY
NO.	NO.

SHADY BROOK FARM ADD. STREET PROFILES

K. O. TAYLOR, P.E.
12101 HODGINS
17th S. WEST

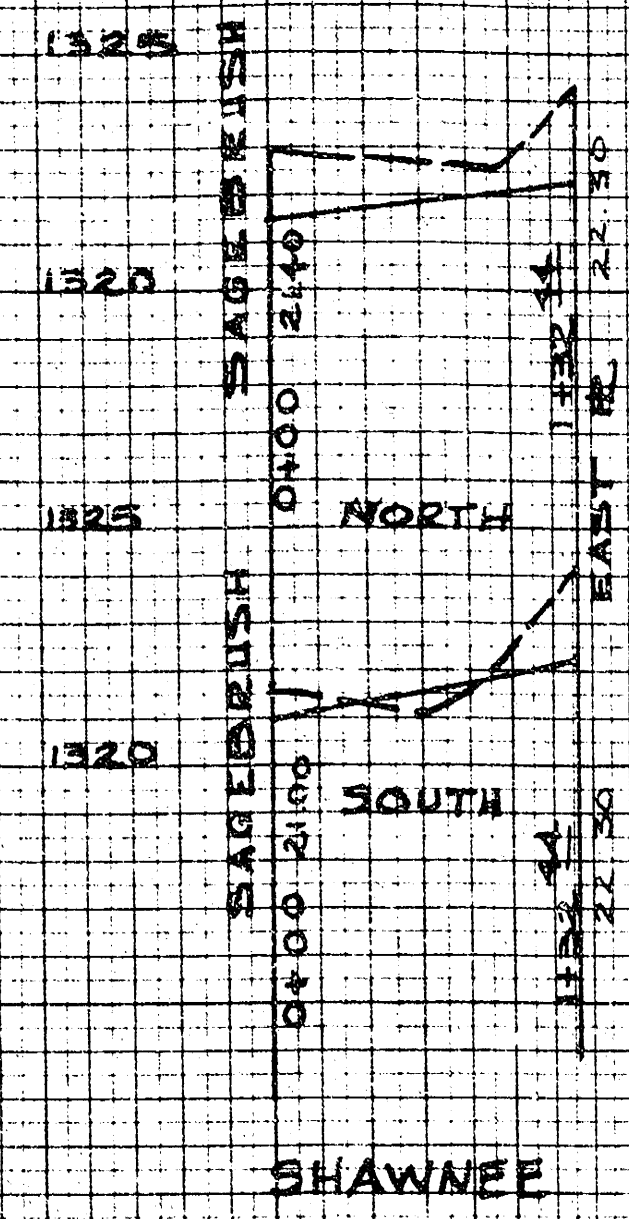
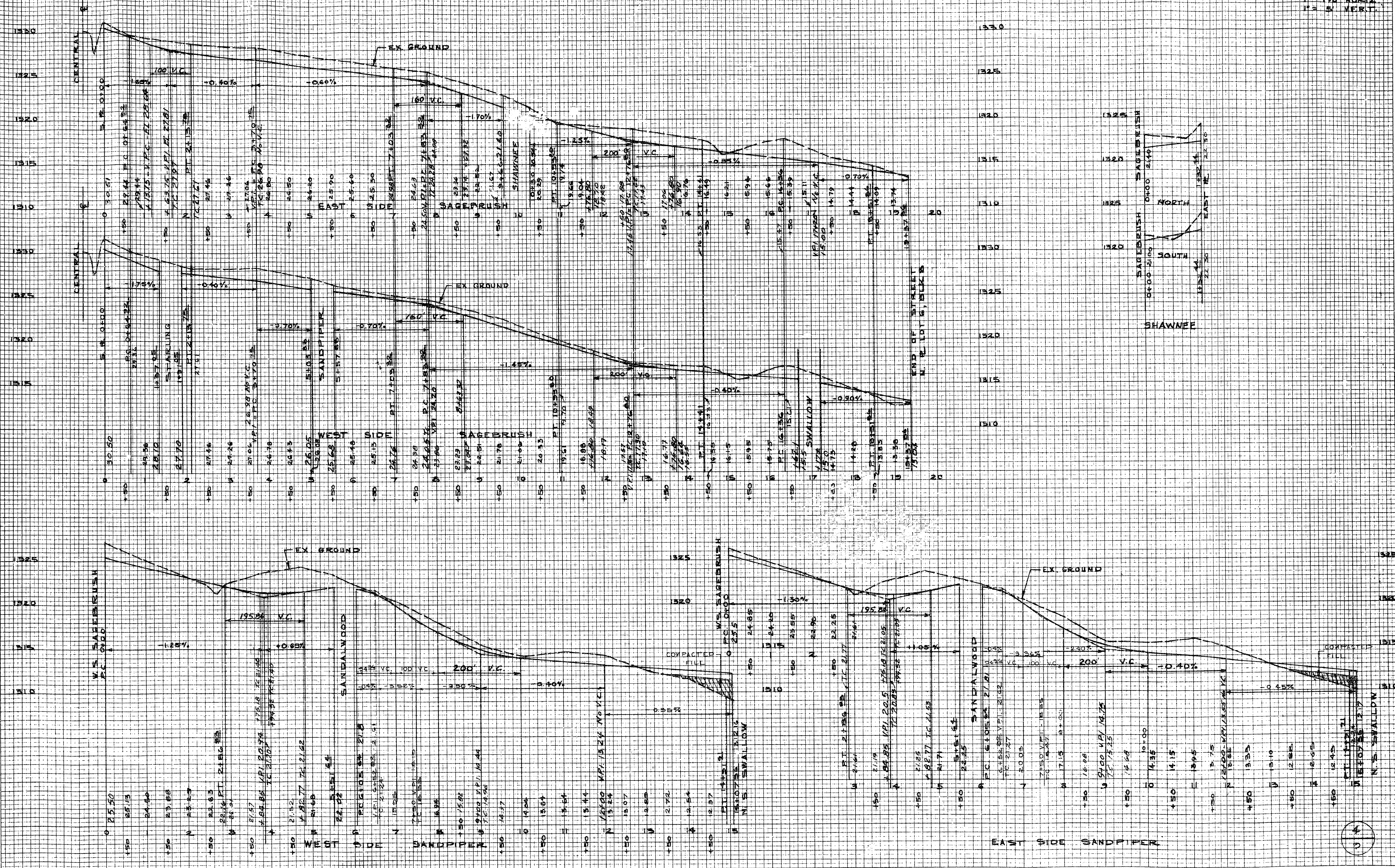


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SHADYBROOK FARM ADD STREET PROFILES

K. O. TAYLOR P.E.
1" = 120' HORIZ.
1" = 5' VERT.

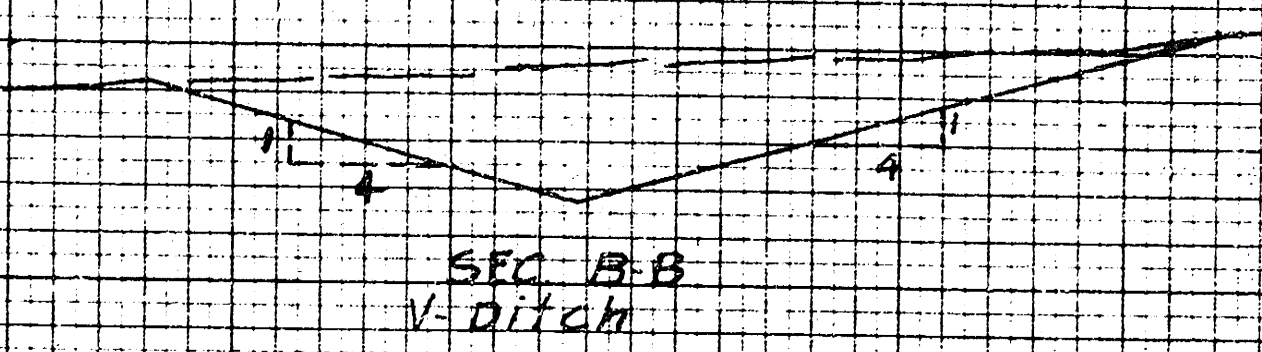
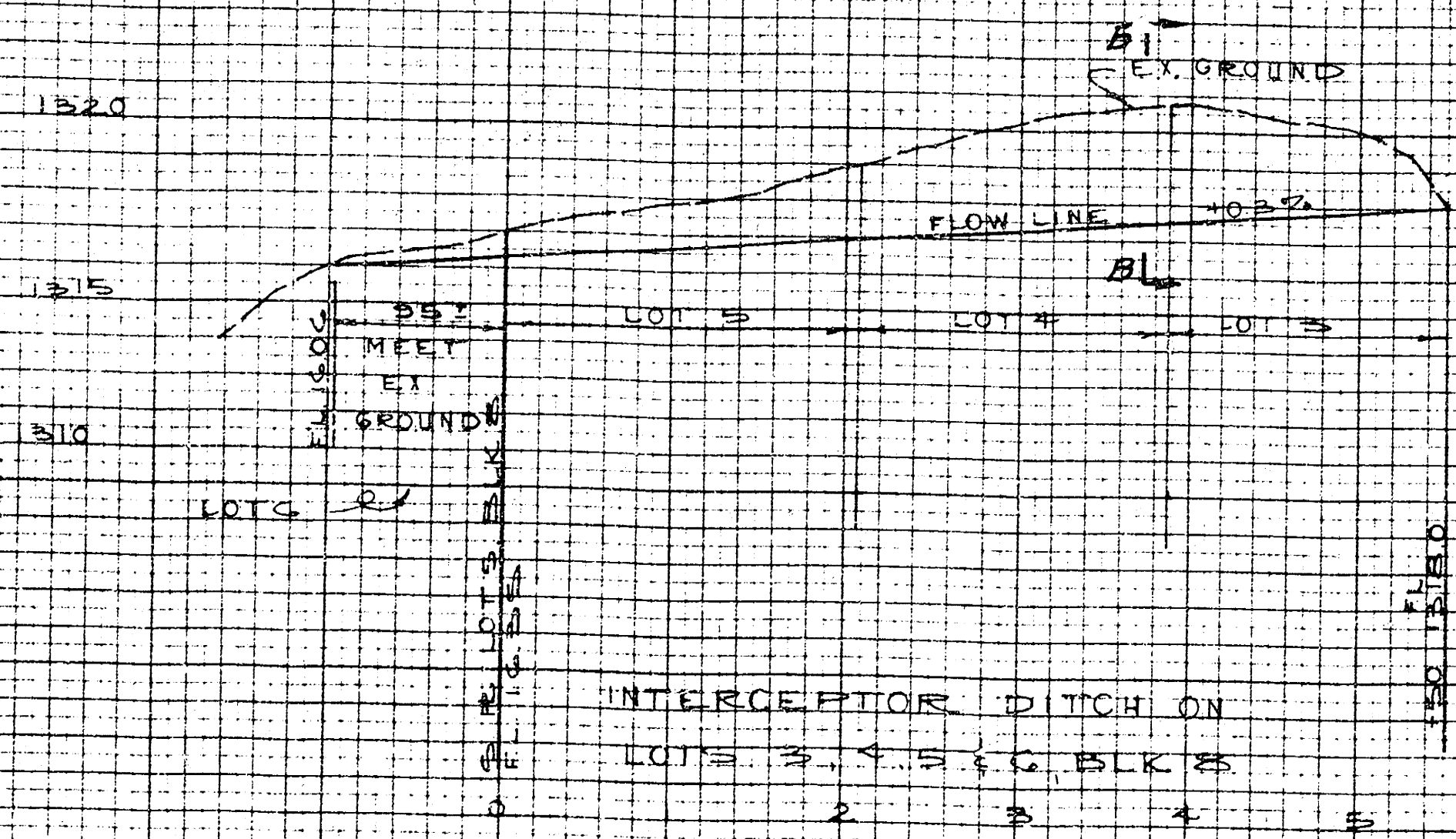
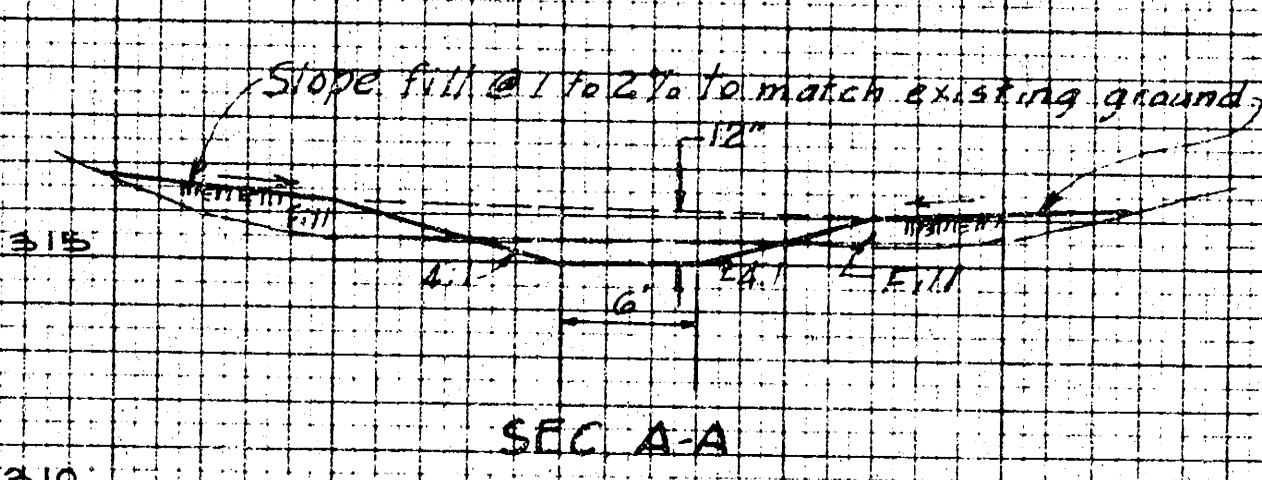
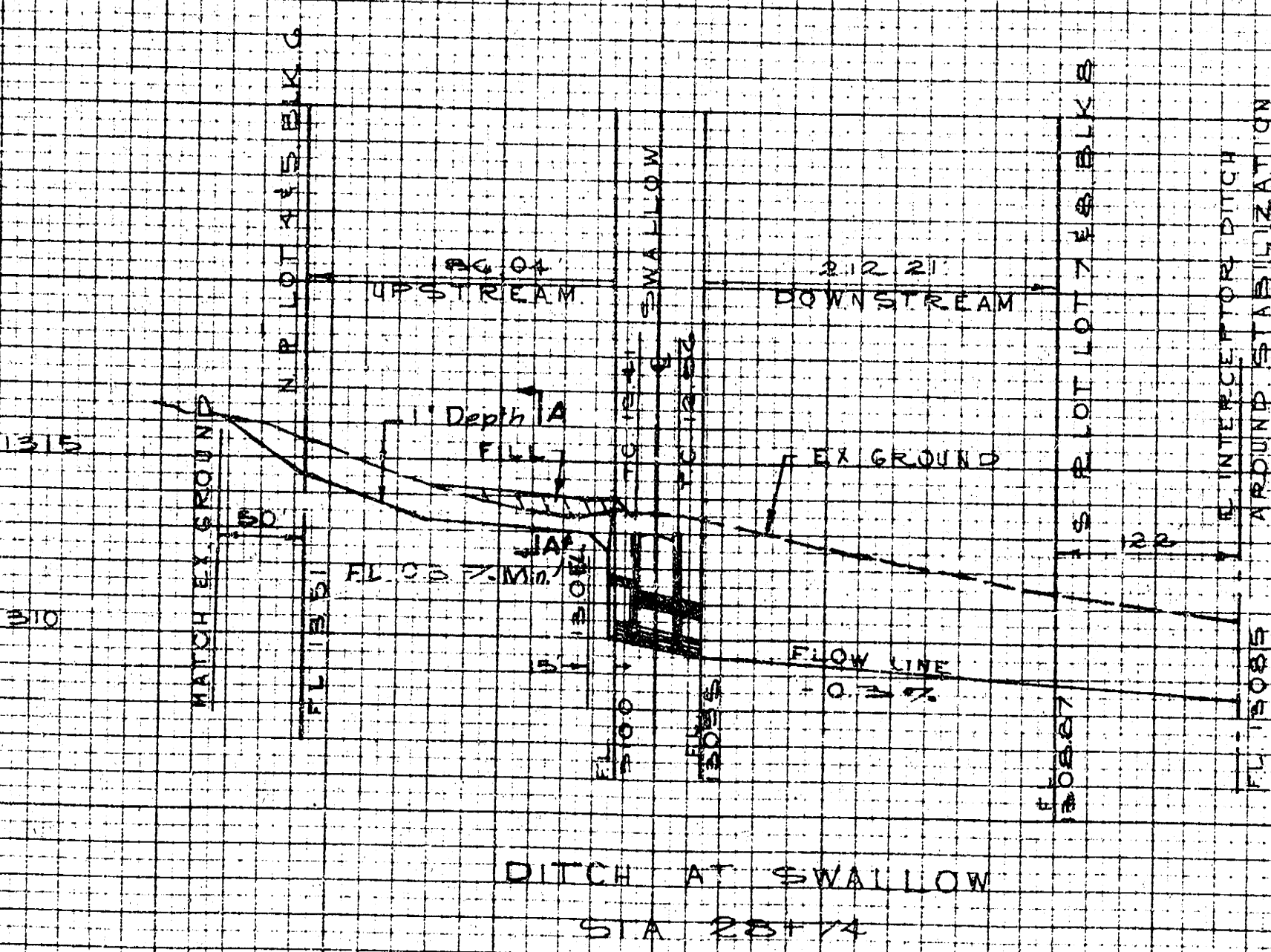
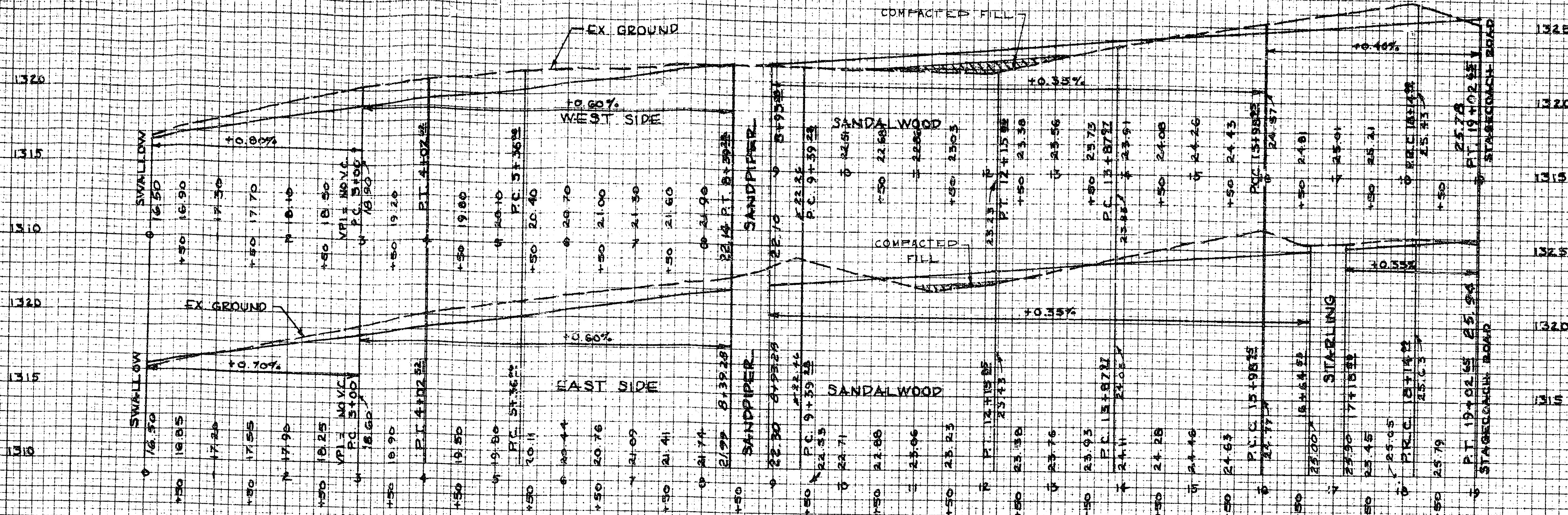


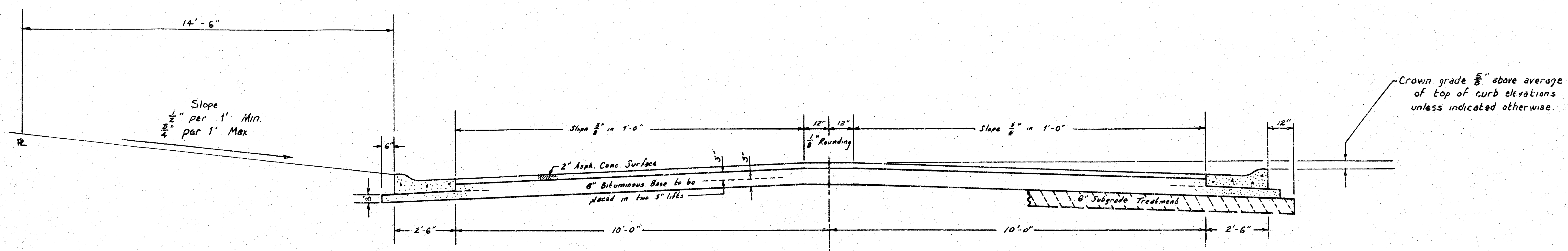
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SURVEYED	BY
NOTED	DATE
NO. BOOK	DATE
NO. AREAS CHECKED	DATE

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

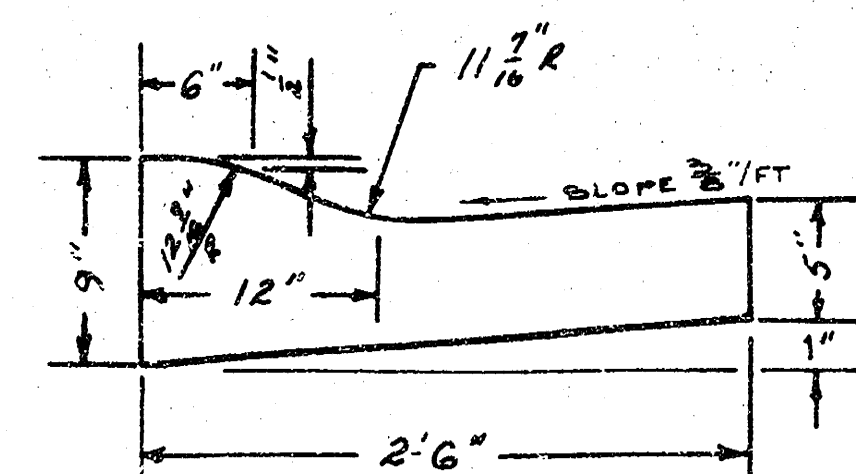
A TACK COAT OF EMULSIFIED ASPHALT (30-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

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

ROLL TYPE CURB AND GUTTER



SHADYBROOK FARM ADDITION

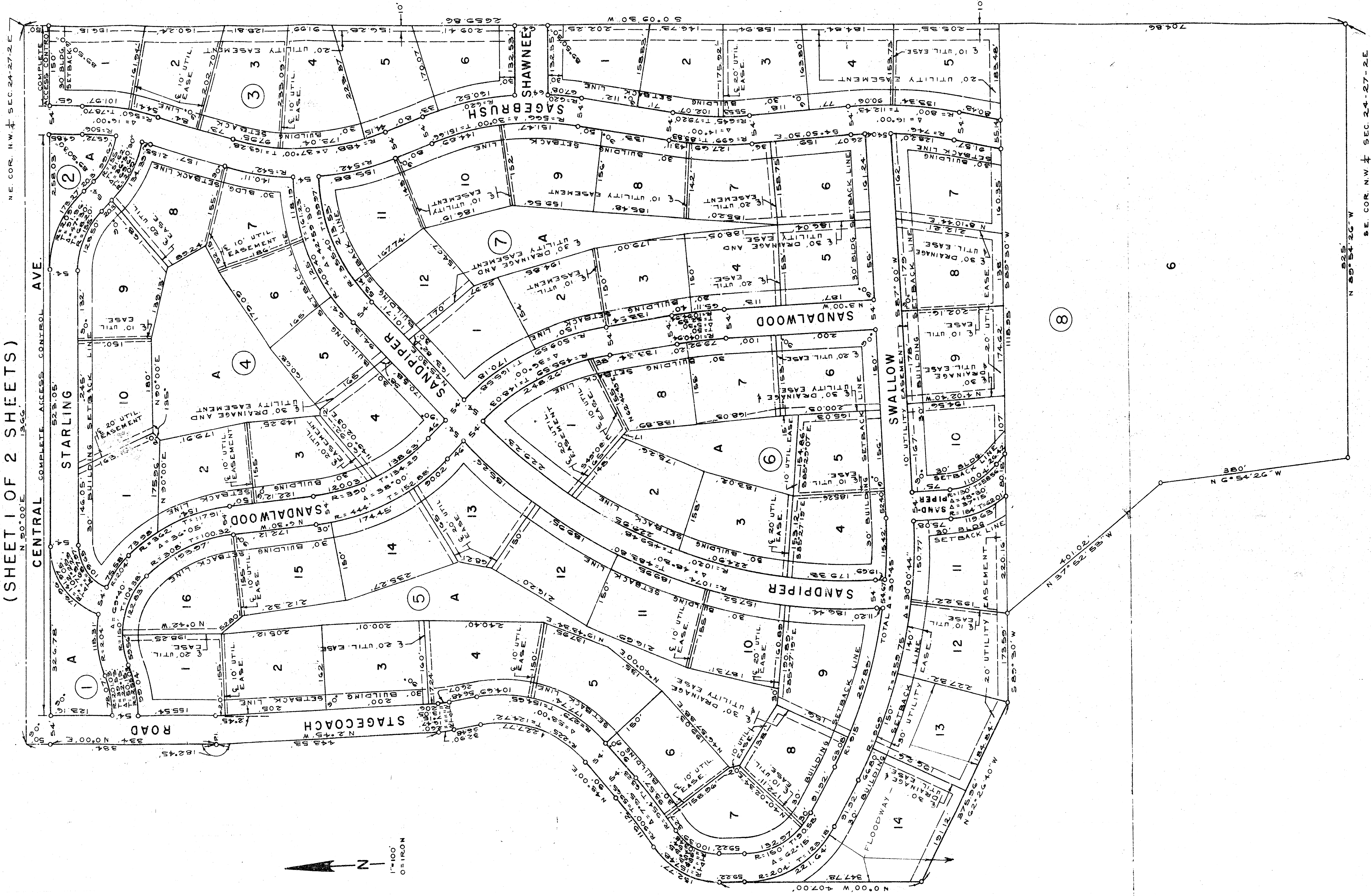
STREET IMPROVEMENTS

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

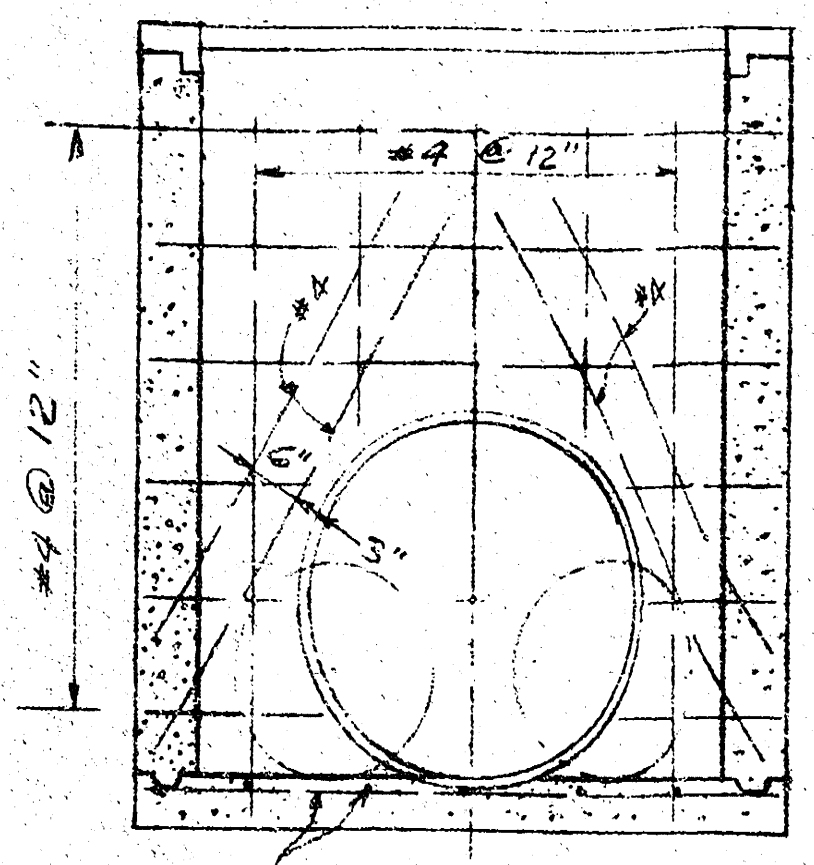
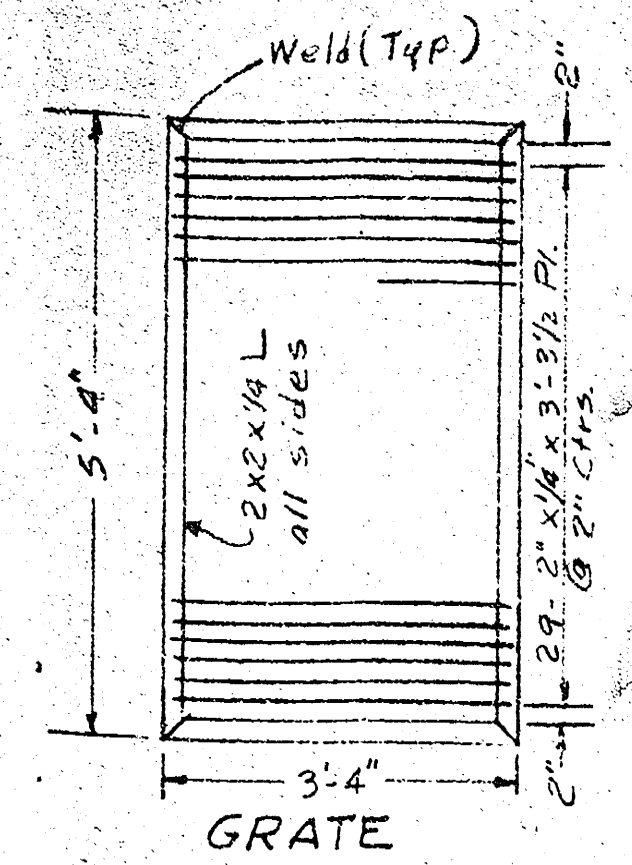
SHADYBROOK FARM ADDITION

SEDGWICK COUNTY, KANSAS

(SHEET 1 OF 2 SHEETS)

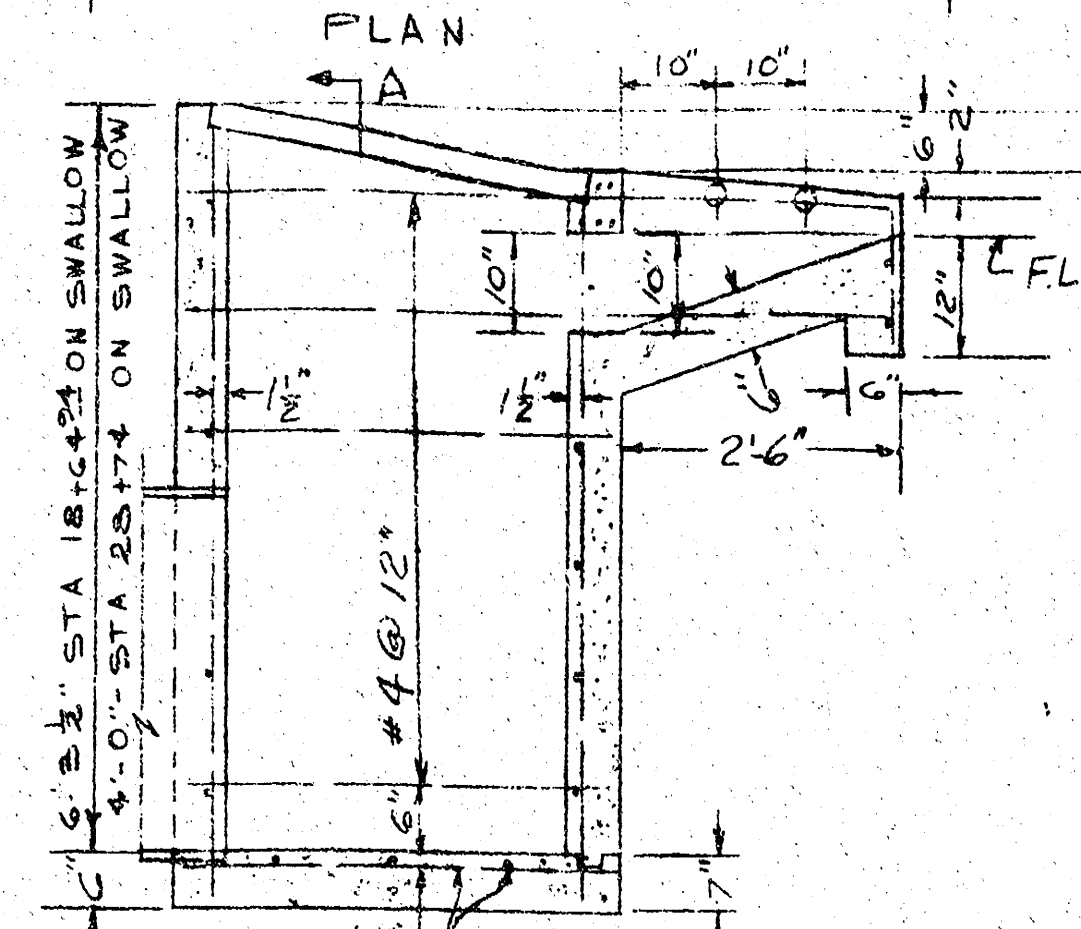
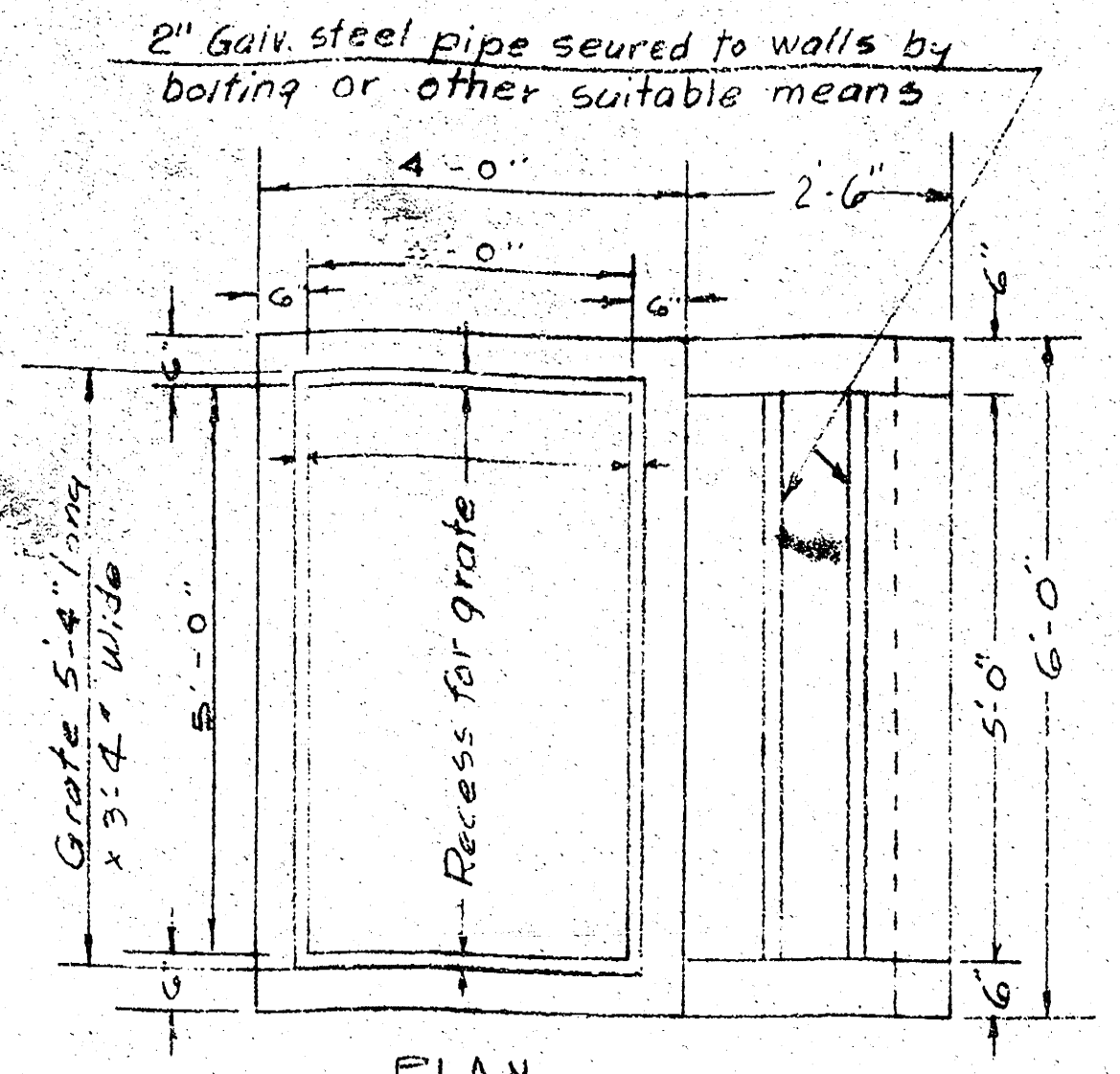


1/4x2 Pl. welded to angle

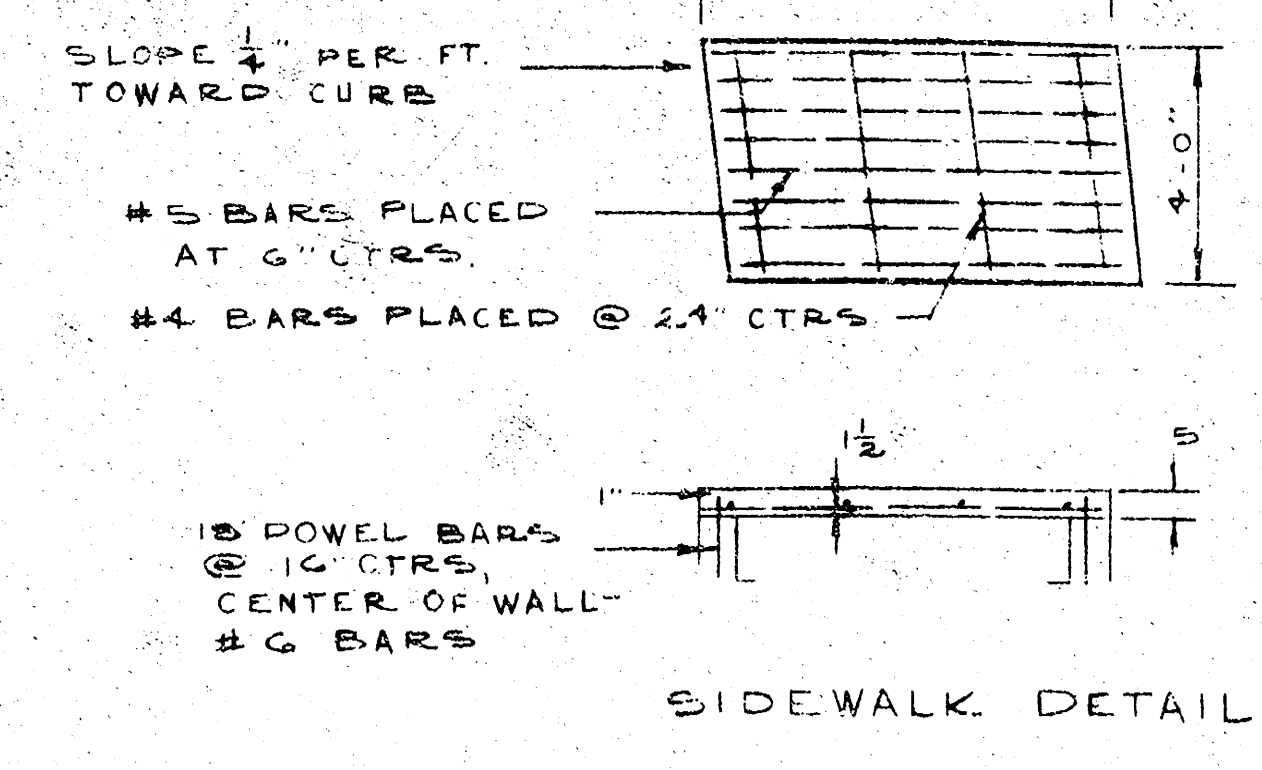
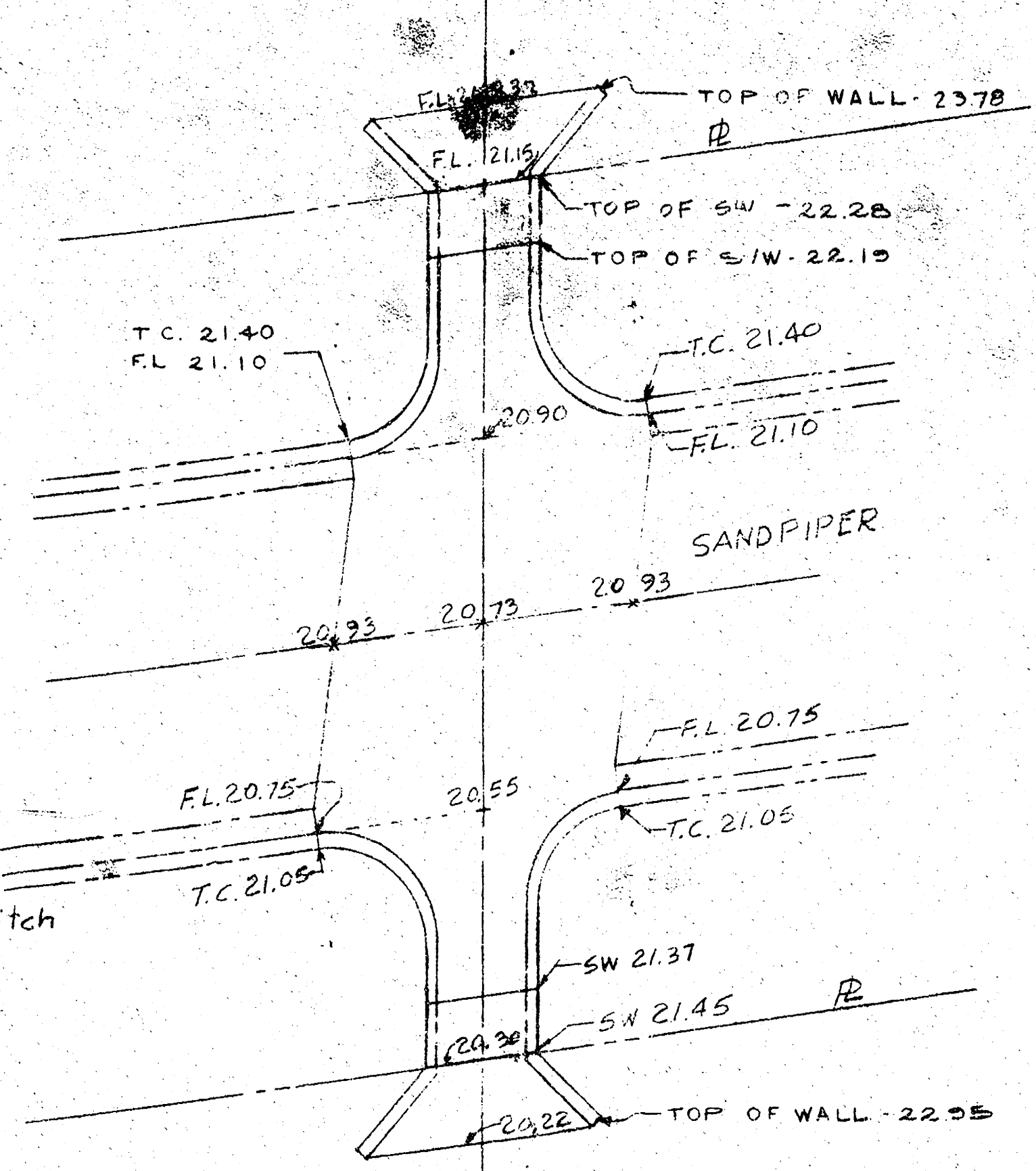


ELEVATION A-A

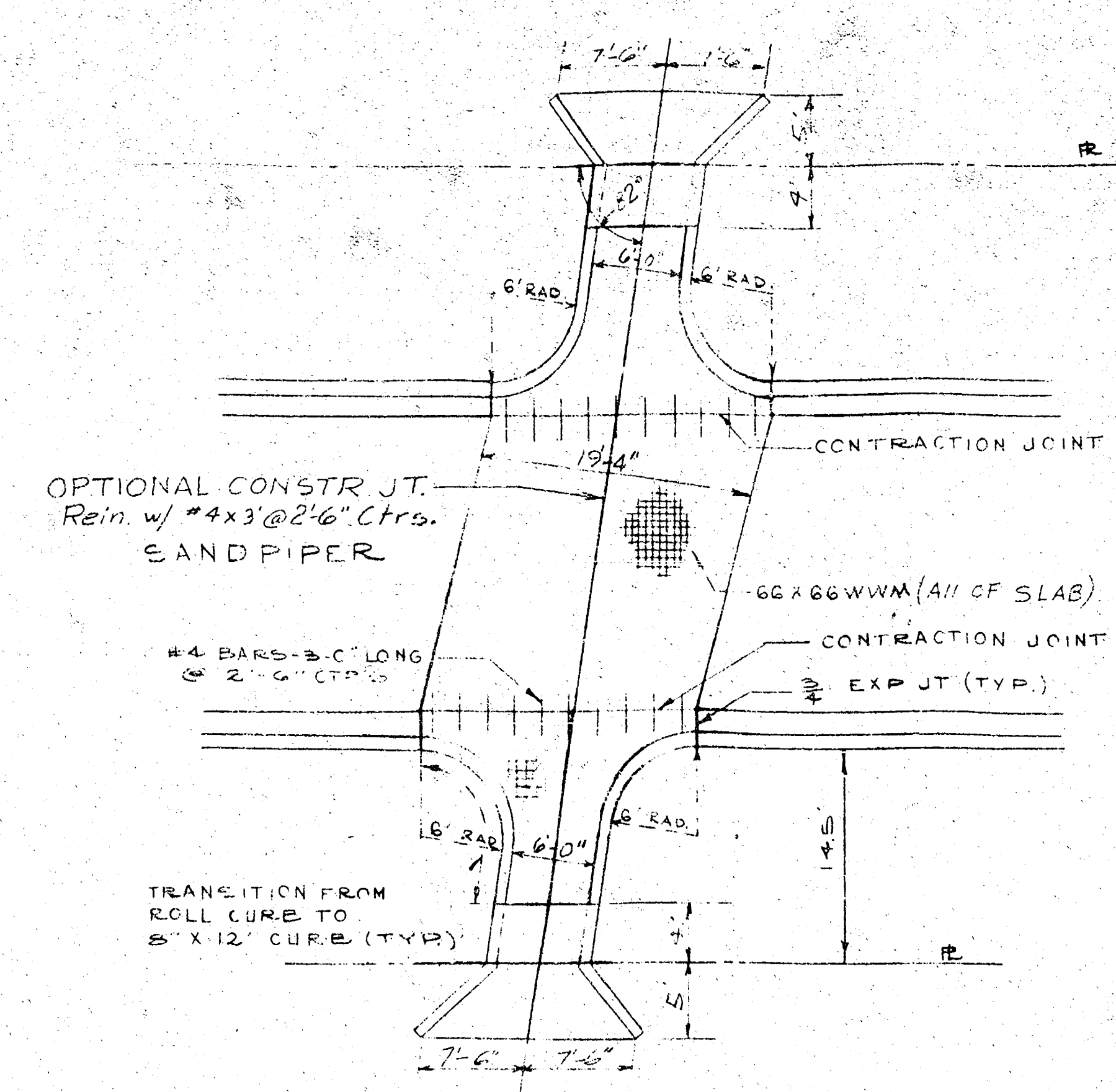
INLET BOX



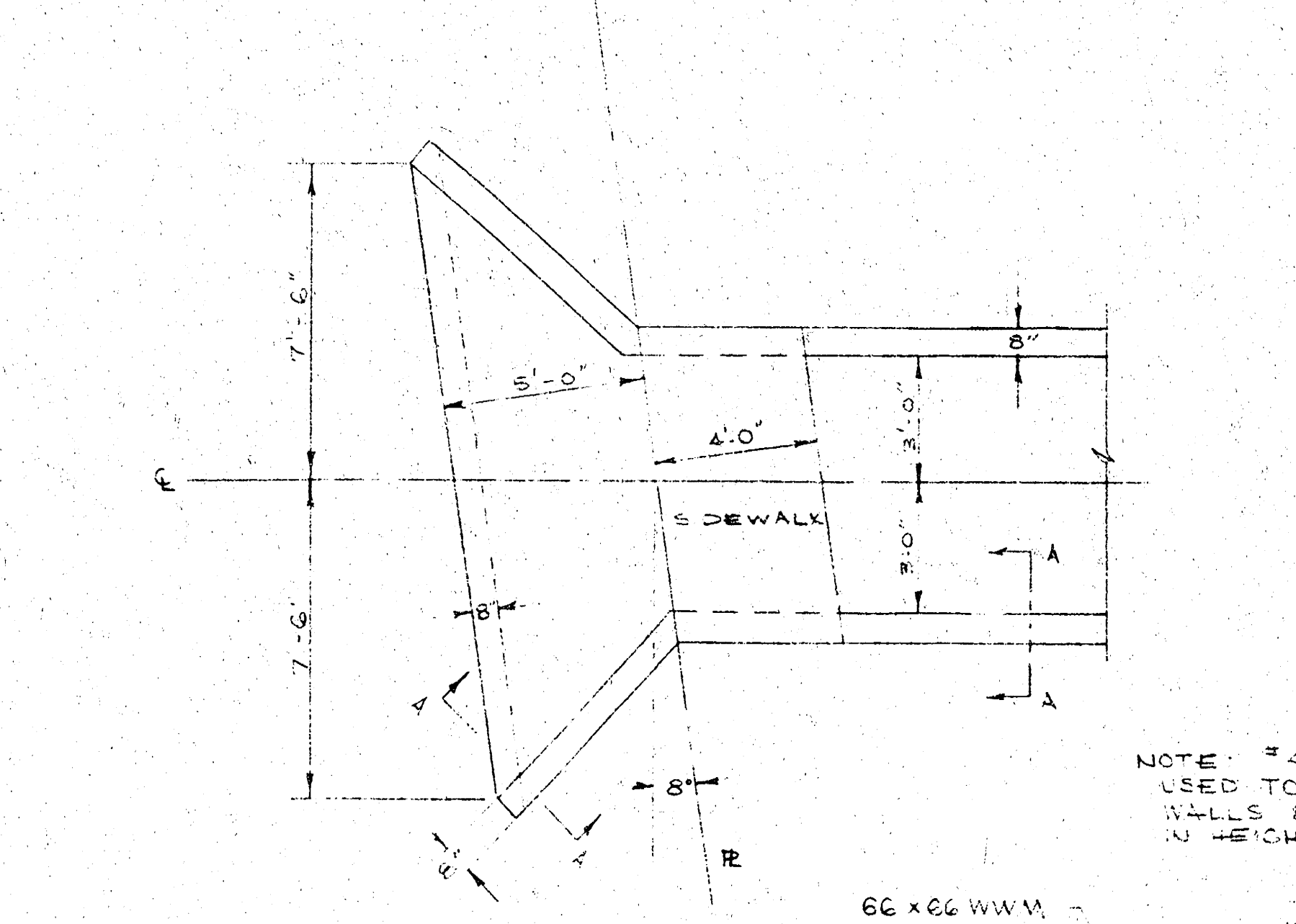
SECTION



SIDEWALK DETAIL

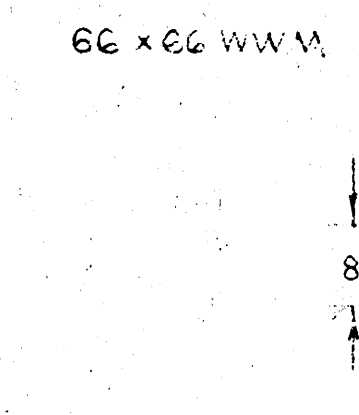


OPTIONAL CONSTR. JT. Rein. w/ #4x3@2'-6" Ctrs. SANDPIPER

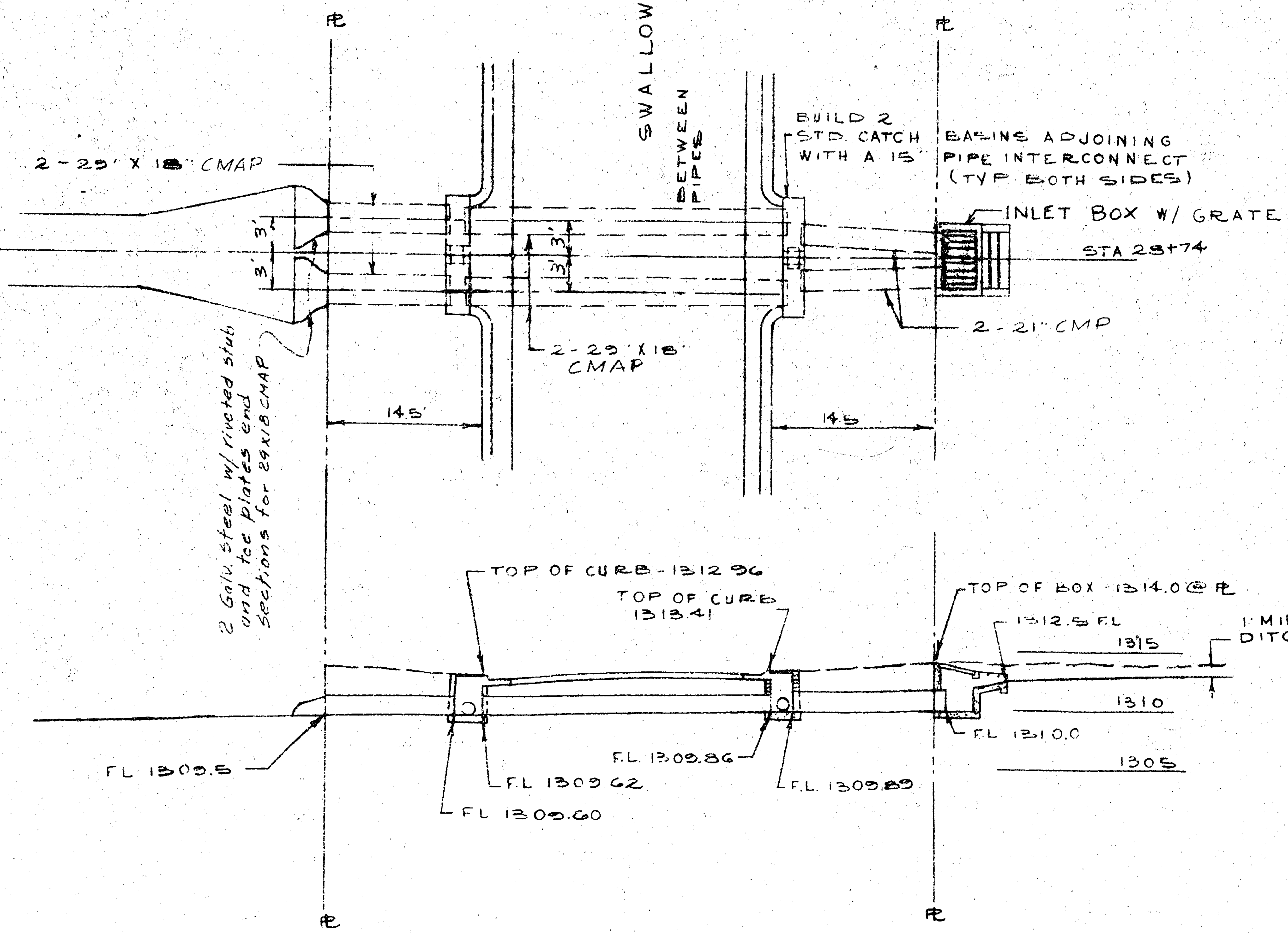


PLAN

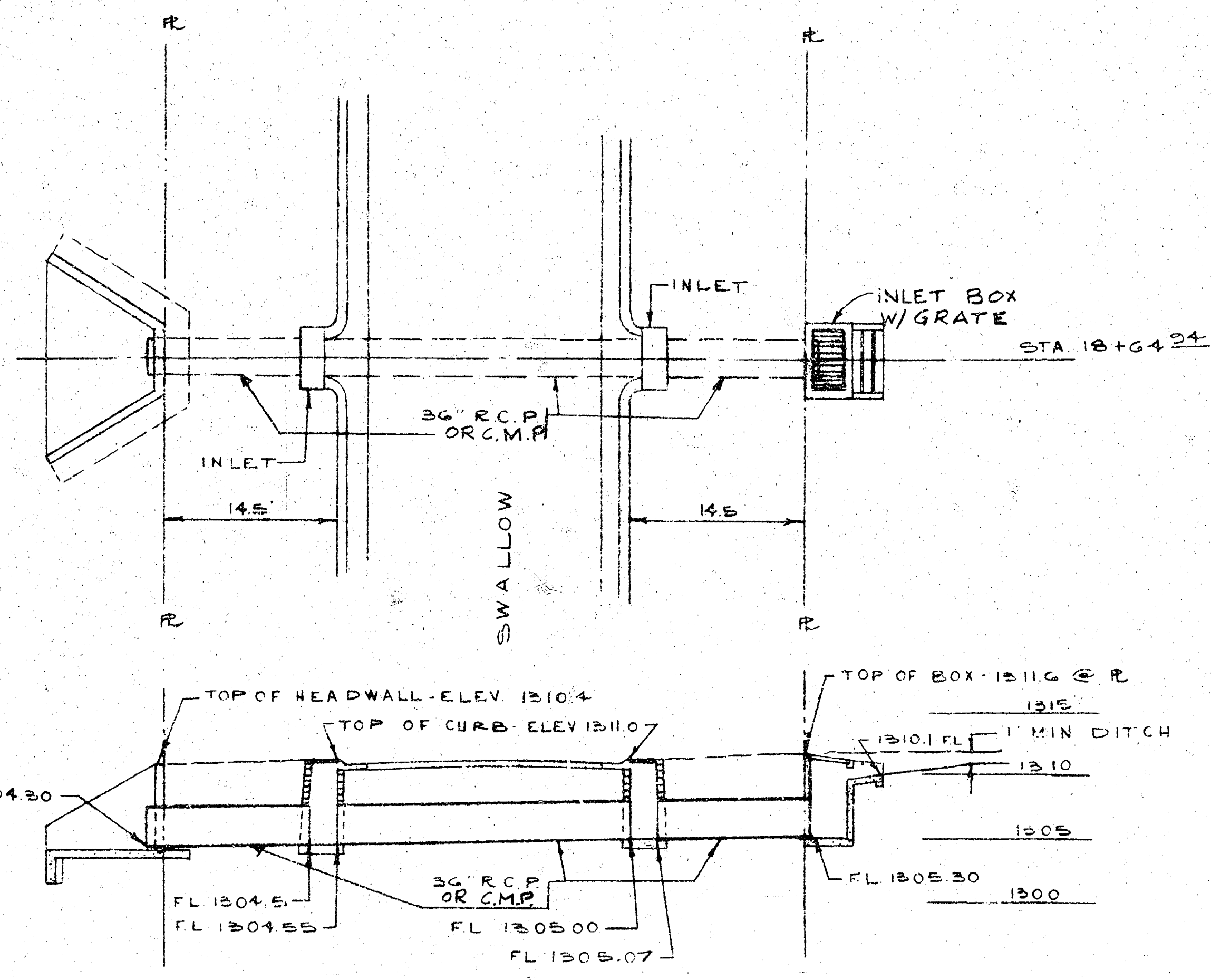
NOTE: #4 L-BARS @ 12" USED TO REINFORCE WALLS 6' OR GREATER IN HEIGHT



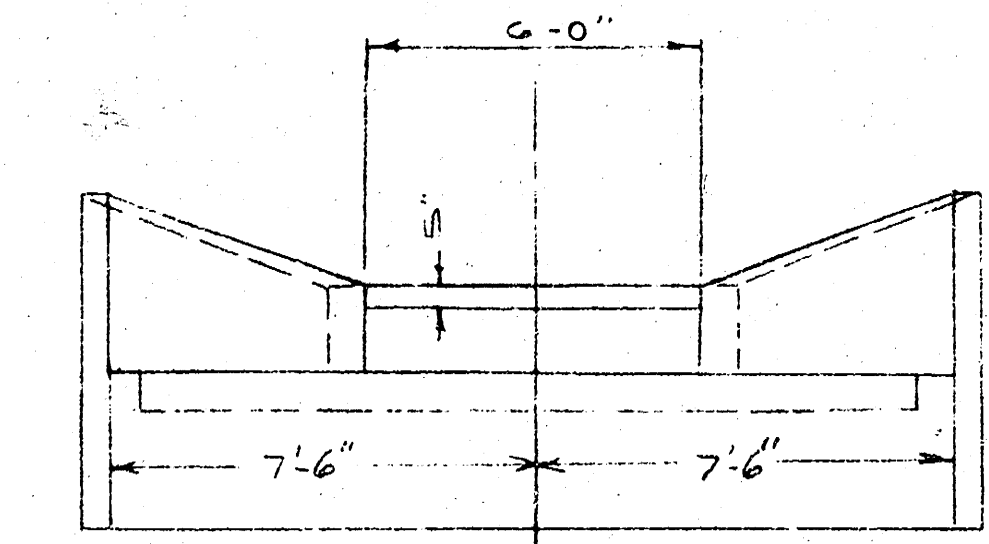
WALL SECTION A-A



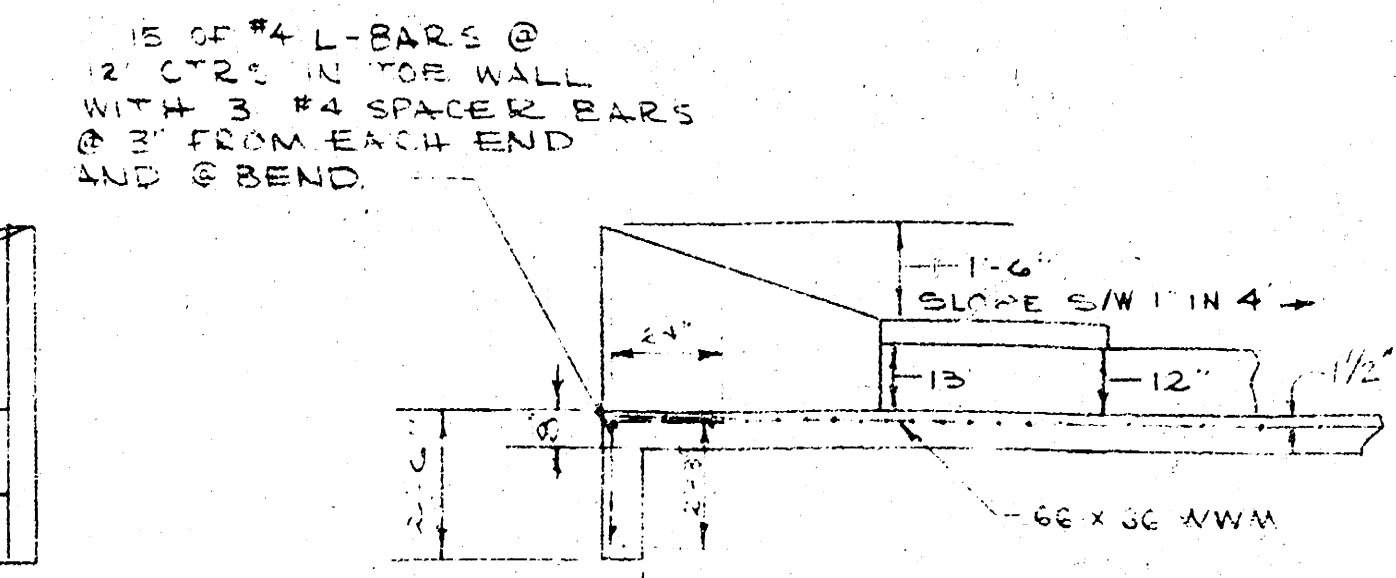
STORM SEWER @ STA 28+74 ON SWALLOW



STORM SEWER @ STA 18+64.24 ON SWALLOW

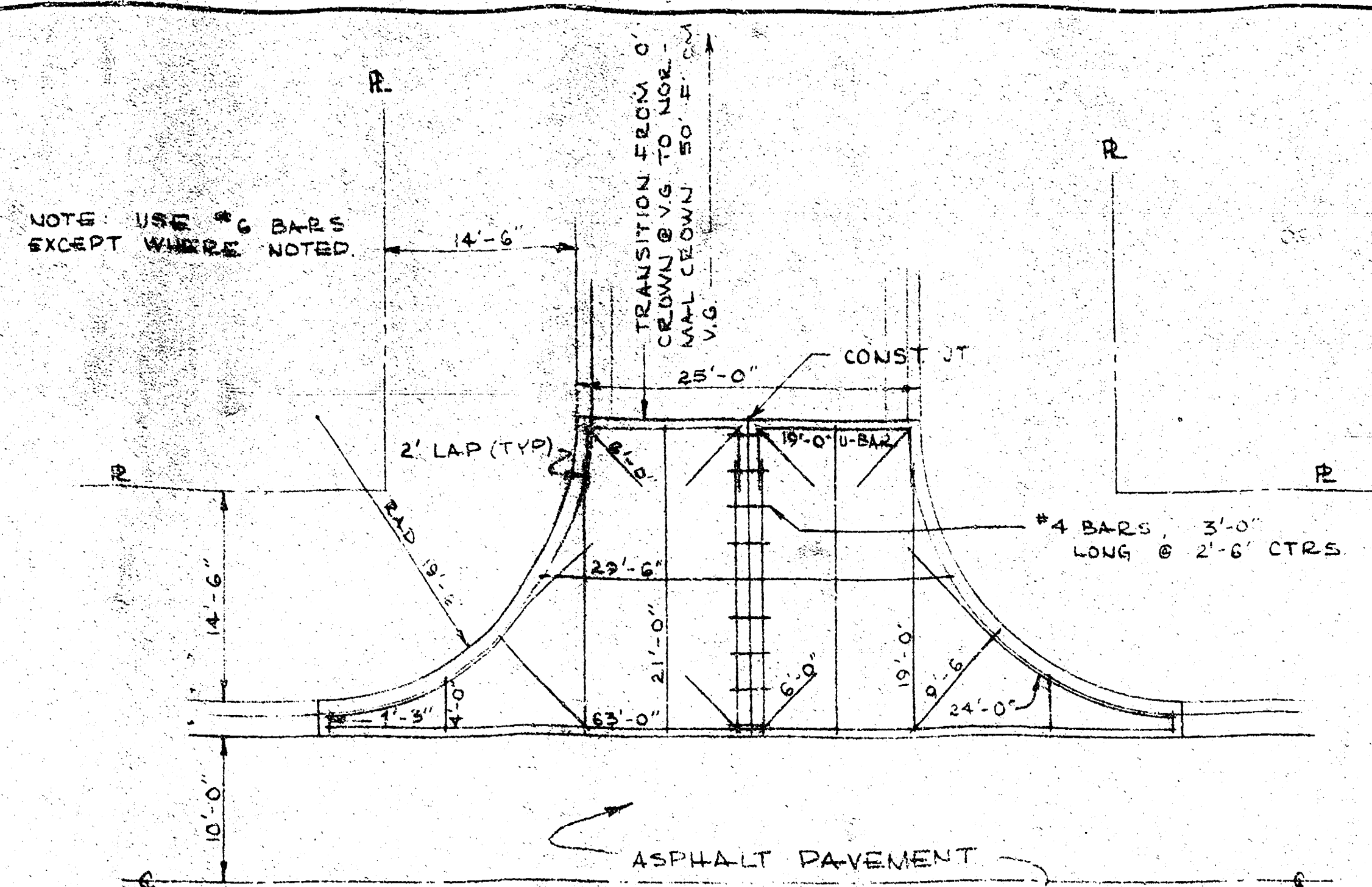


ELEVATION

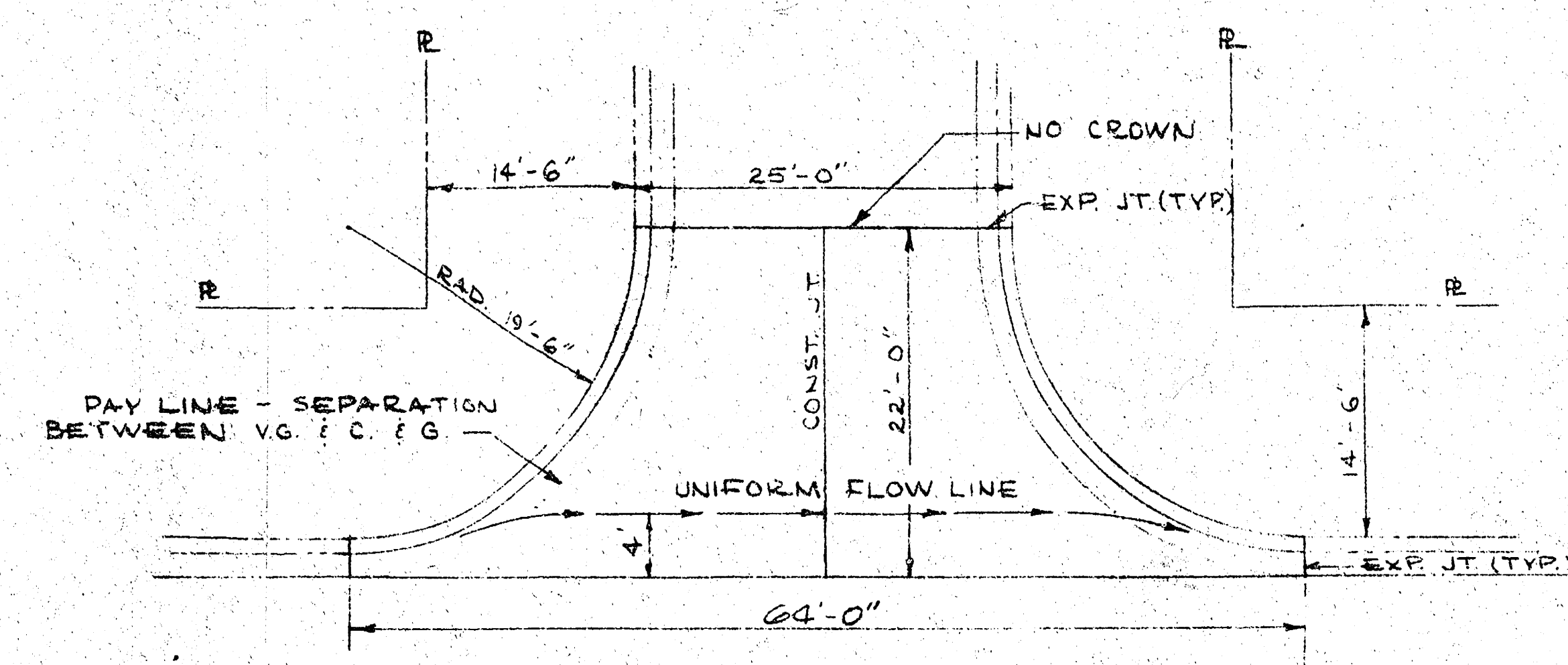


SECTION

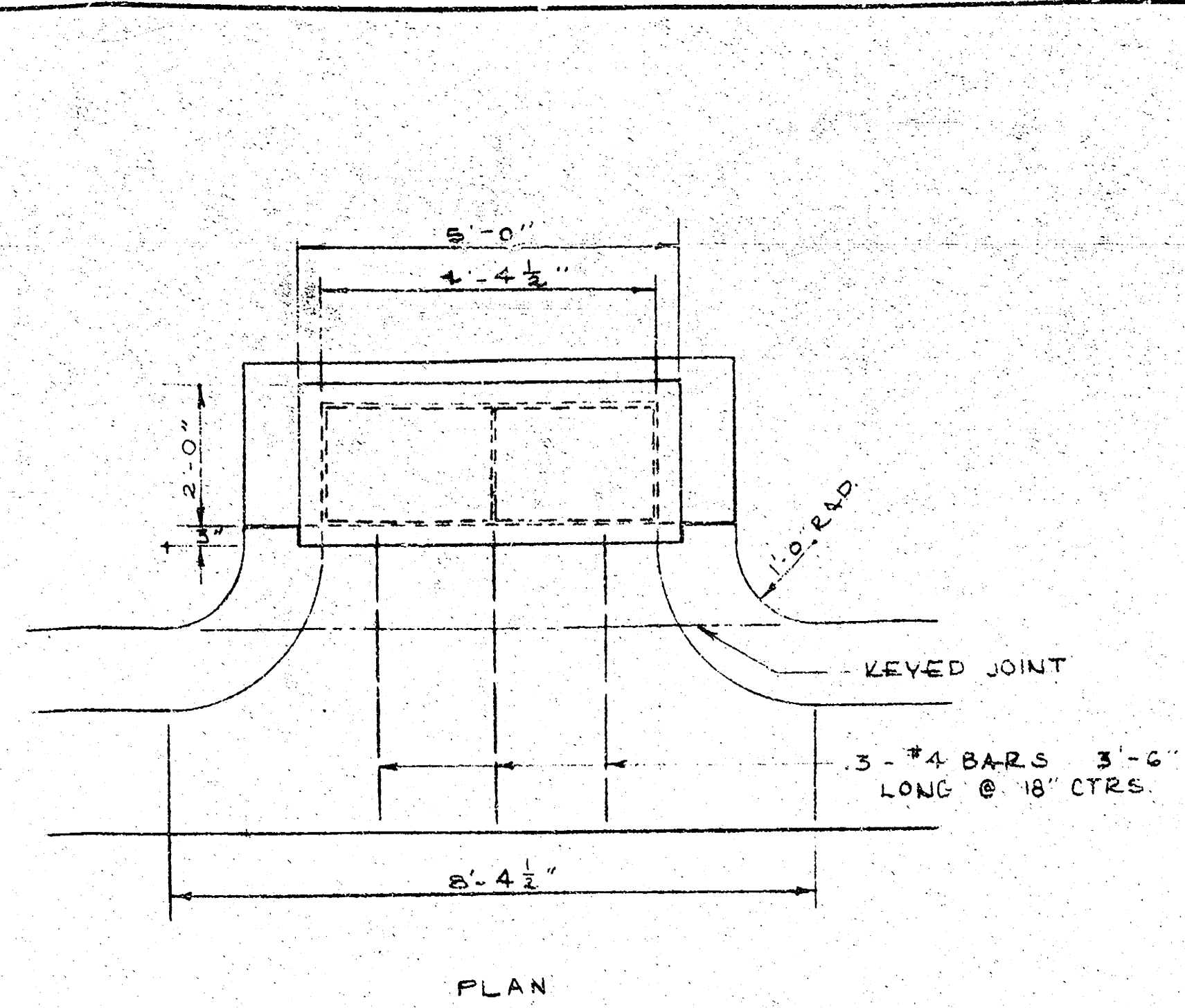
HEADWALL AT SANDPIPER



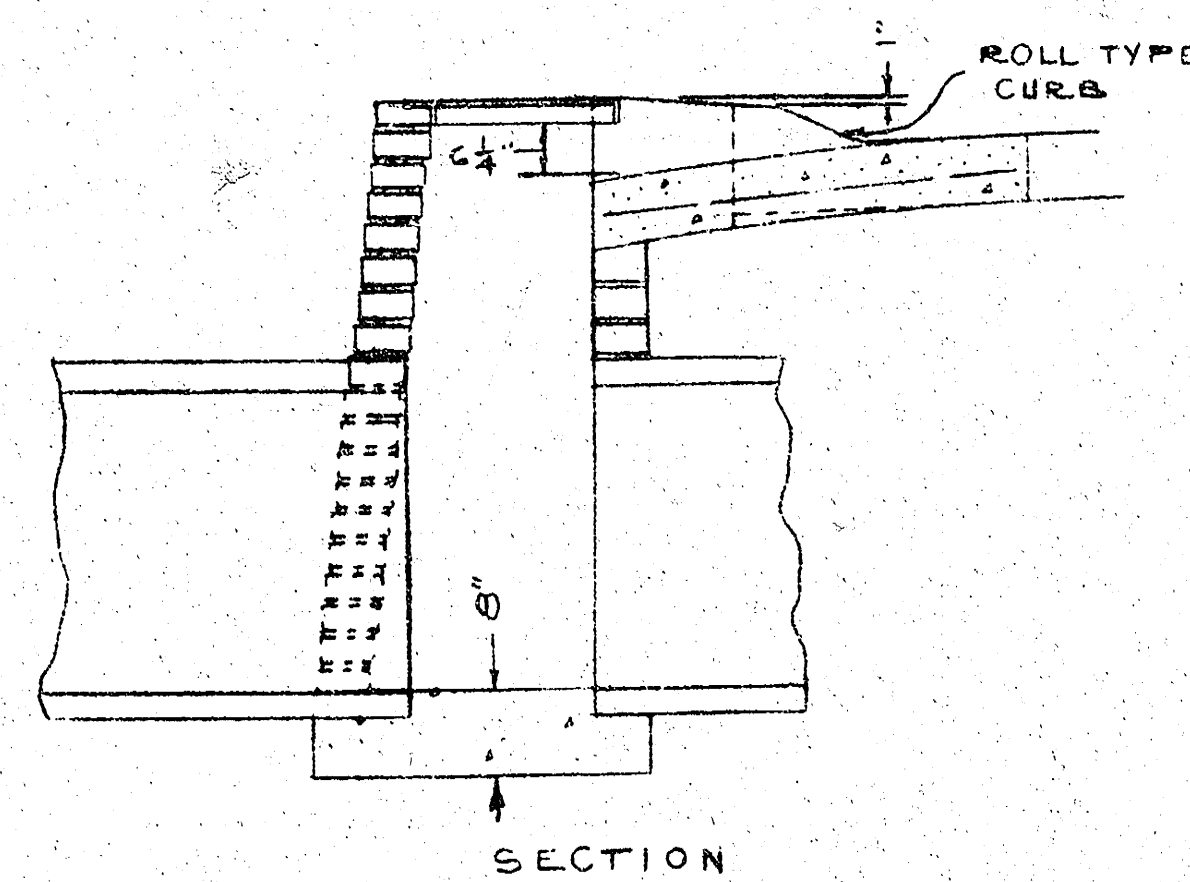
CONCRETE WING REINFORCEMENT



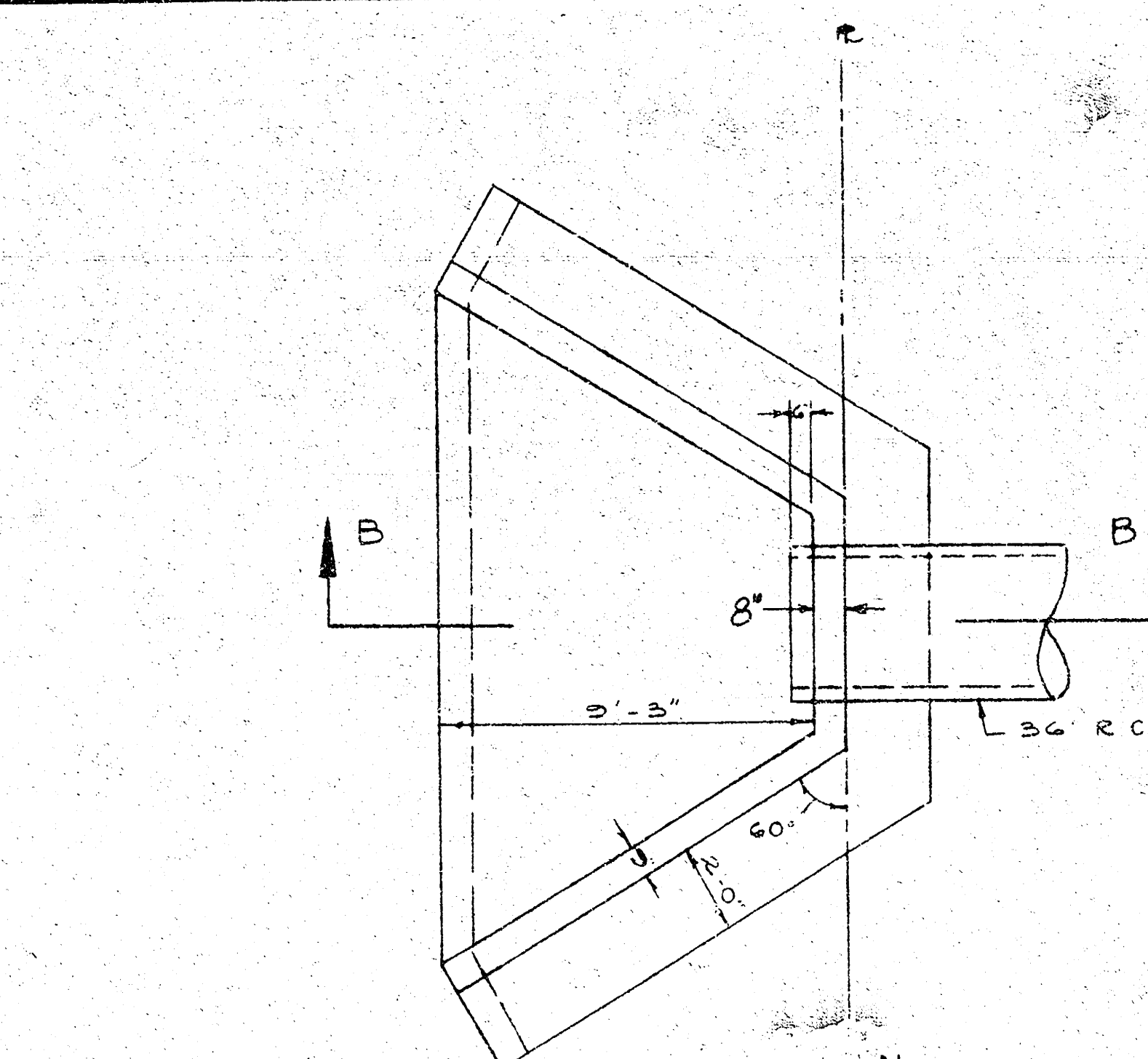
CONCRETE WING @ STREET INTERSECTION



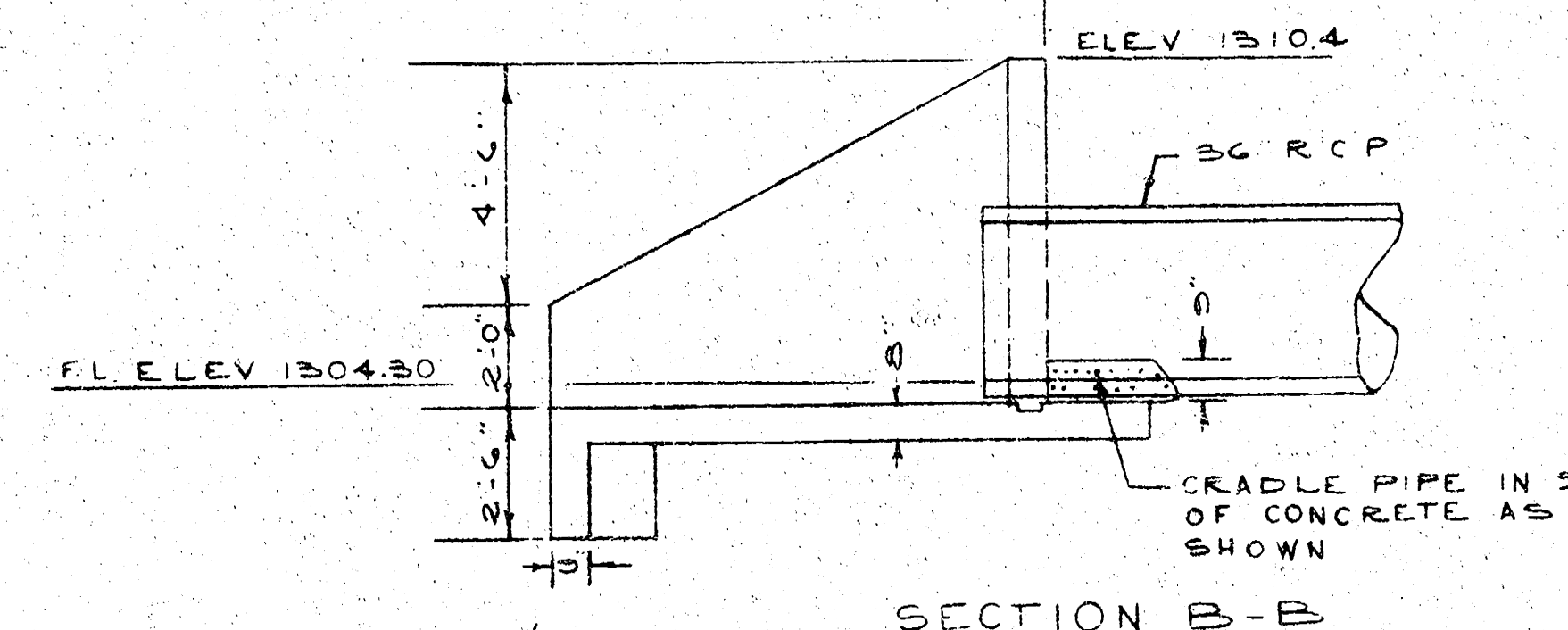
PLAN



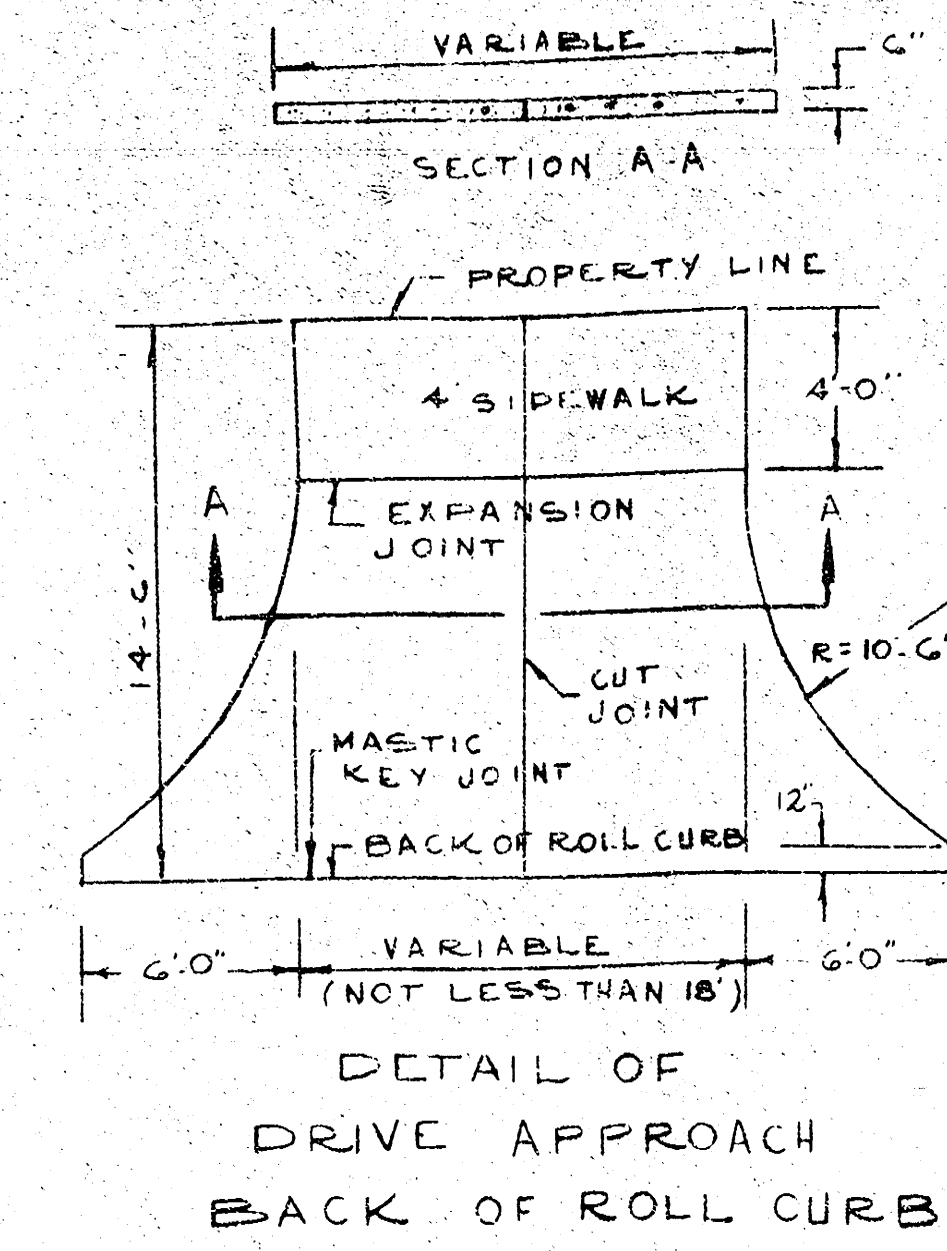
CATCH BASIN DETAILS
ROLL TYPE CURB
WICHITA STANDARD



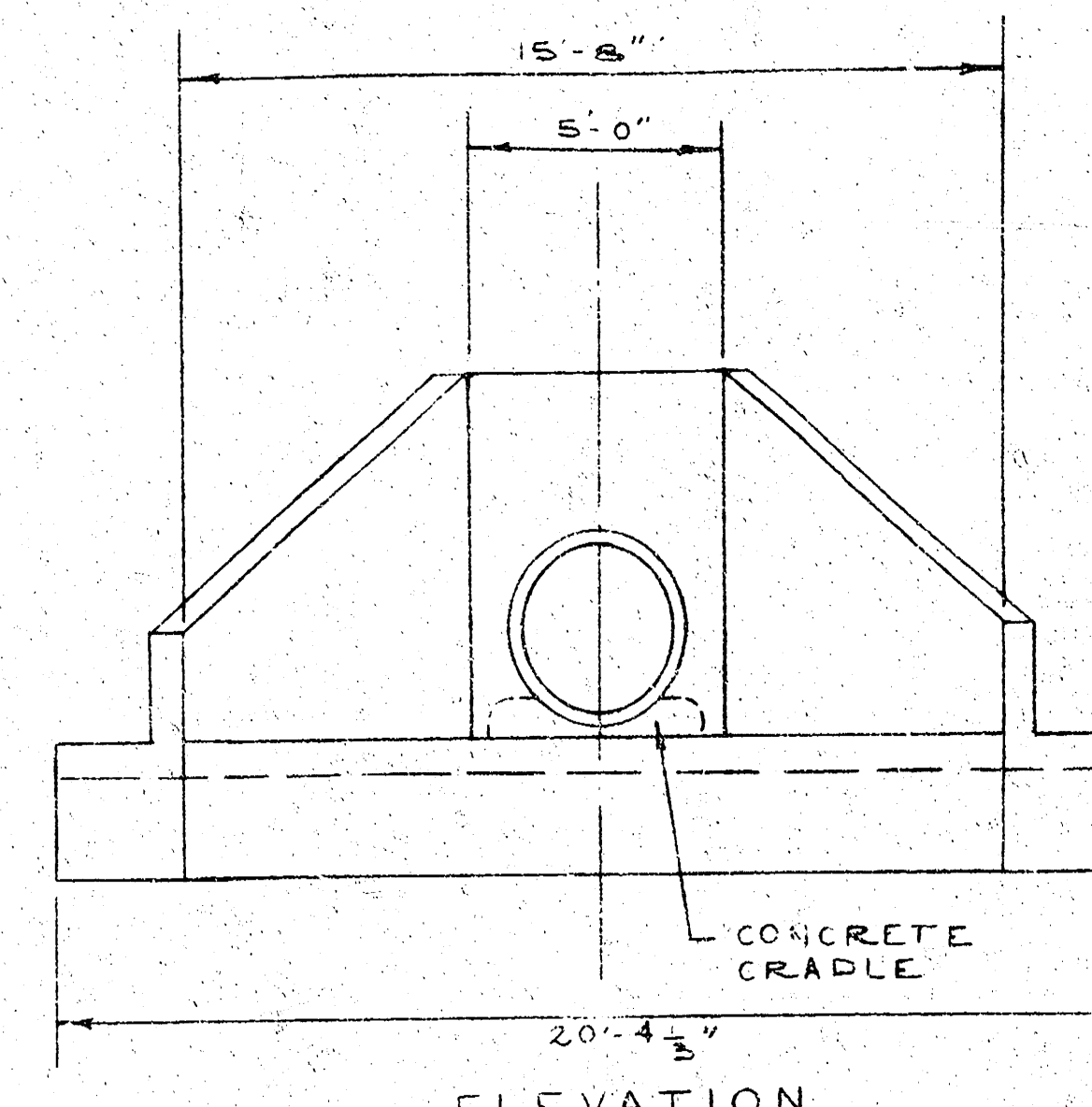
PLAN



SECTION B-B

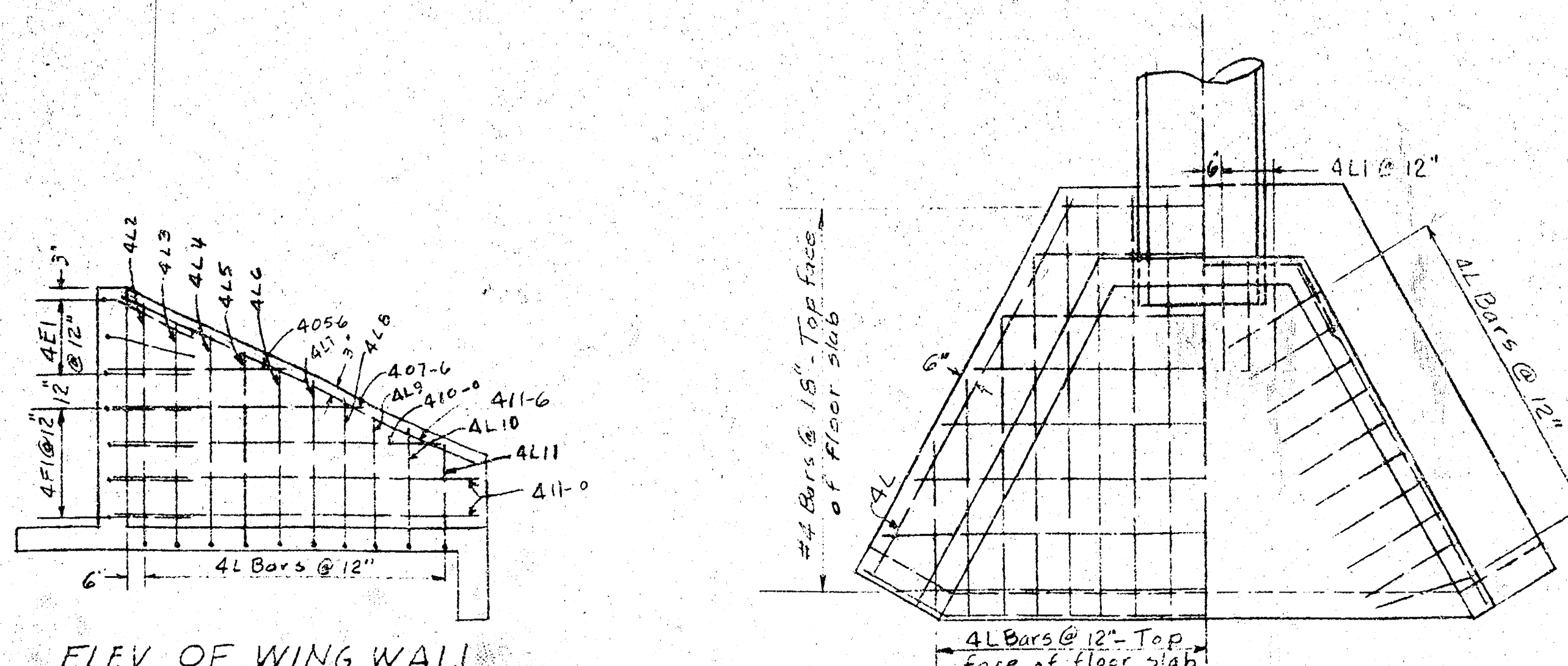


DETAIL OF
DRIVE APPROACH
BACK OF ROLL CURB

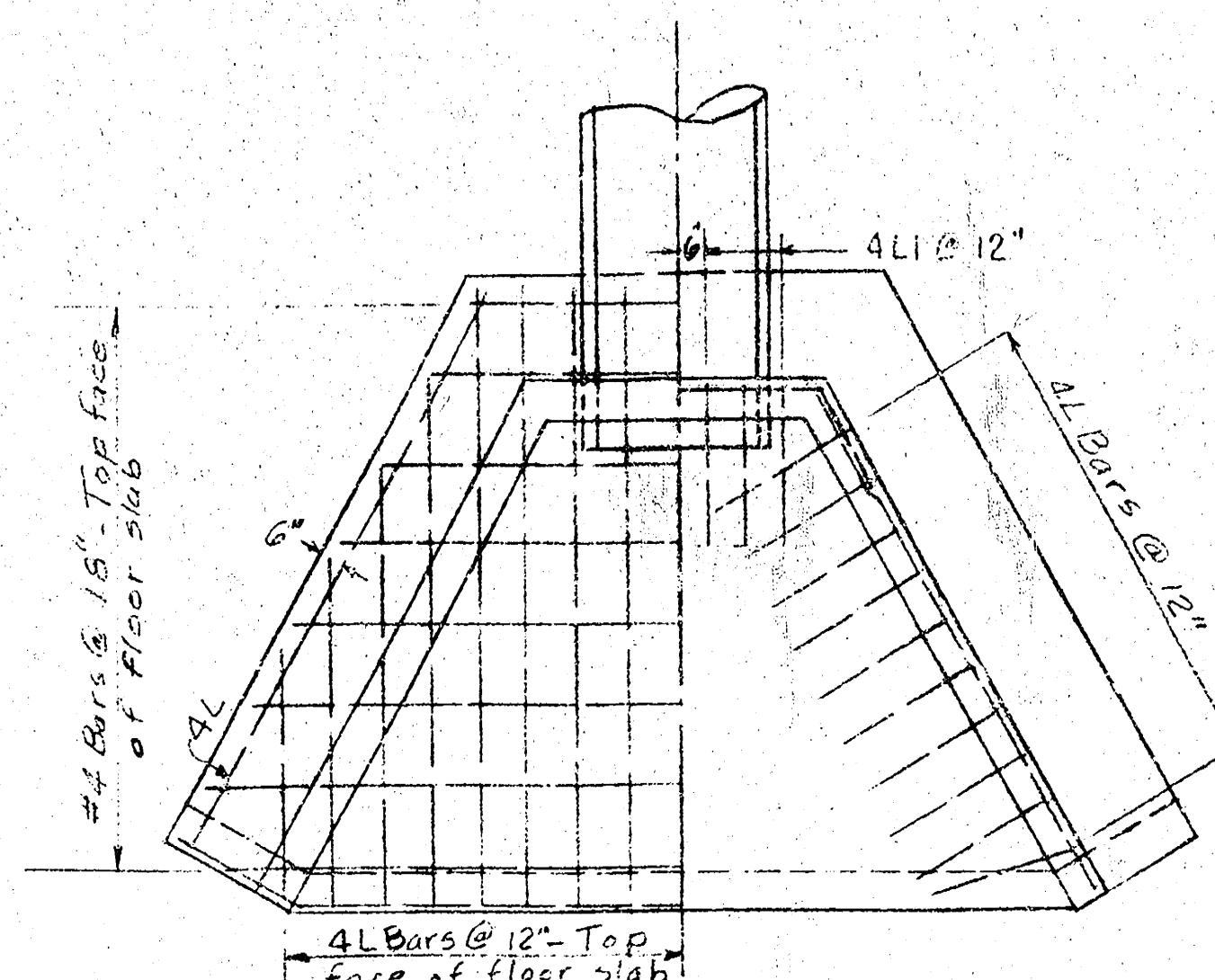


ELEVATION

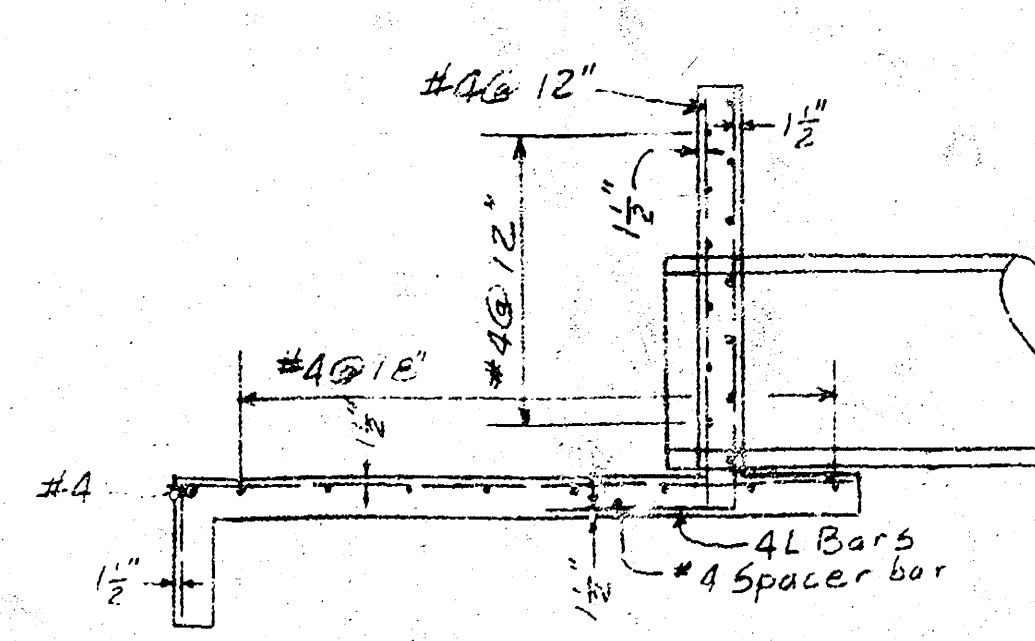
HEADWALL



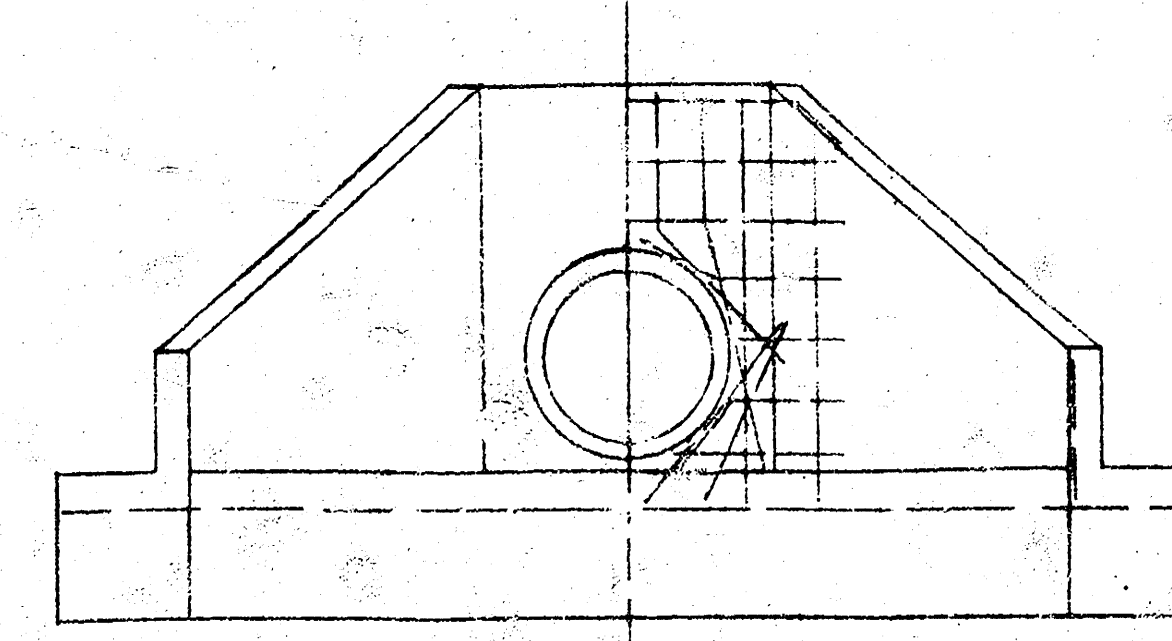
ELEV. OF WING WALL



PLAN

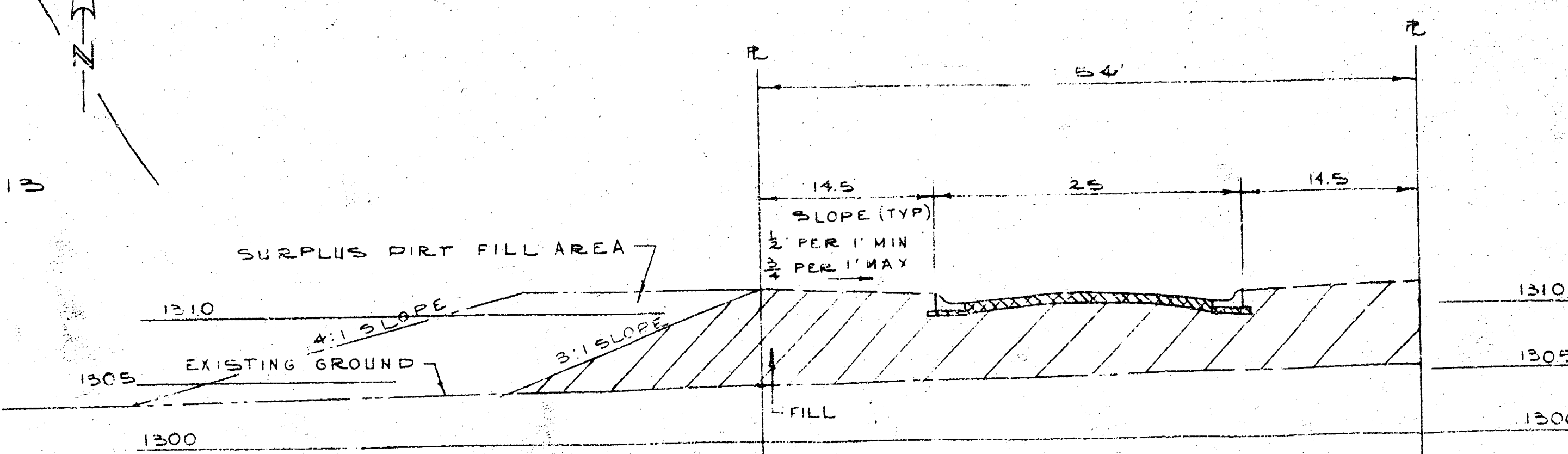
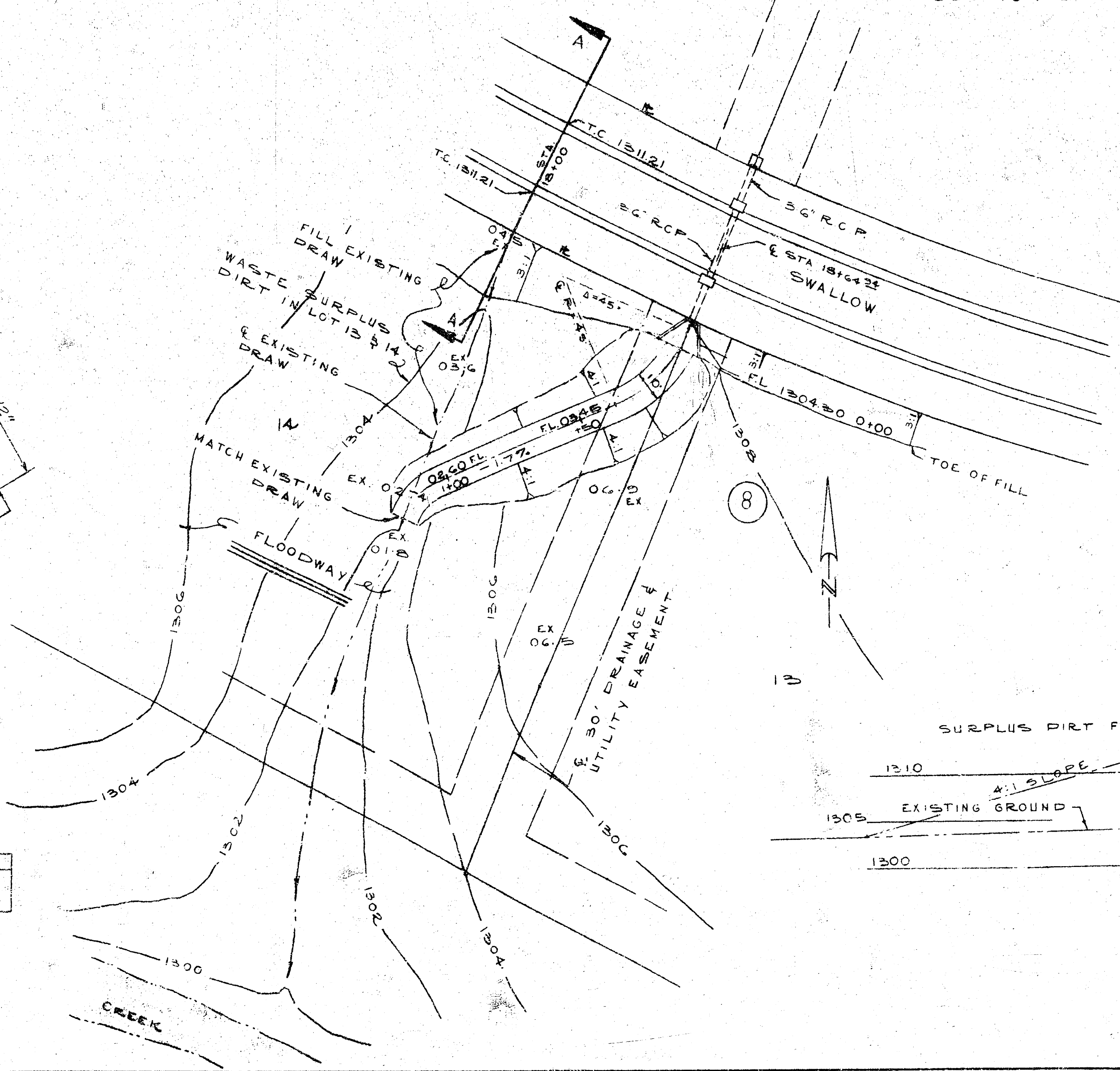


SECTION



ELEV.

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



SECTION A-A
STA 15+00 ON SWALLOW