SHADYBROOK FARM ADDITION

STREET IMPROVEMENTS

INDEX OF DRAWINGS

1. Street Plans (North Section)
2. Street Plans (South Section)
3. Street Profiles
4. Street Profiles
5. Street Profiles
6. Typical Section of Pavement
7. Plat of Shadybrook Farm Addition
8. Street and Storm Sewer Details
9. Street and Storm Sewer Details

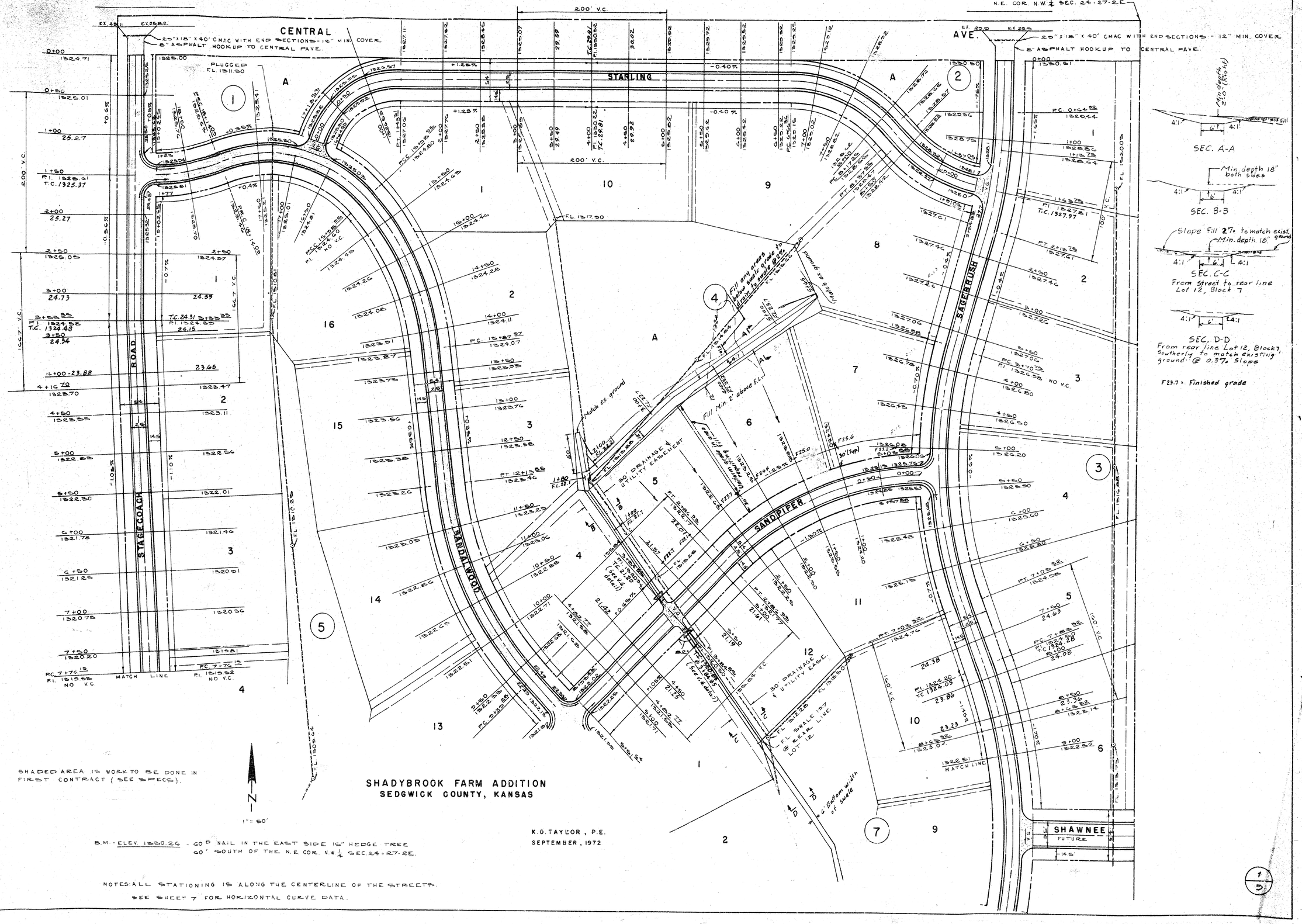
(Sewer Drawings)

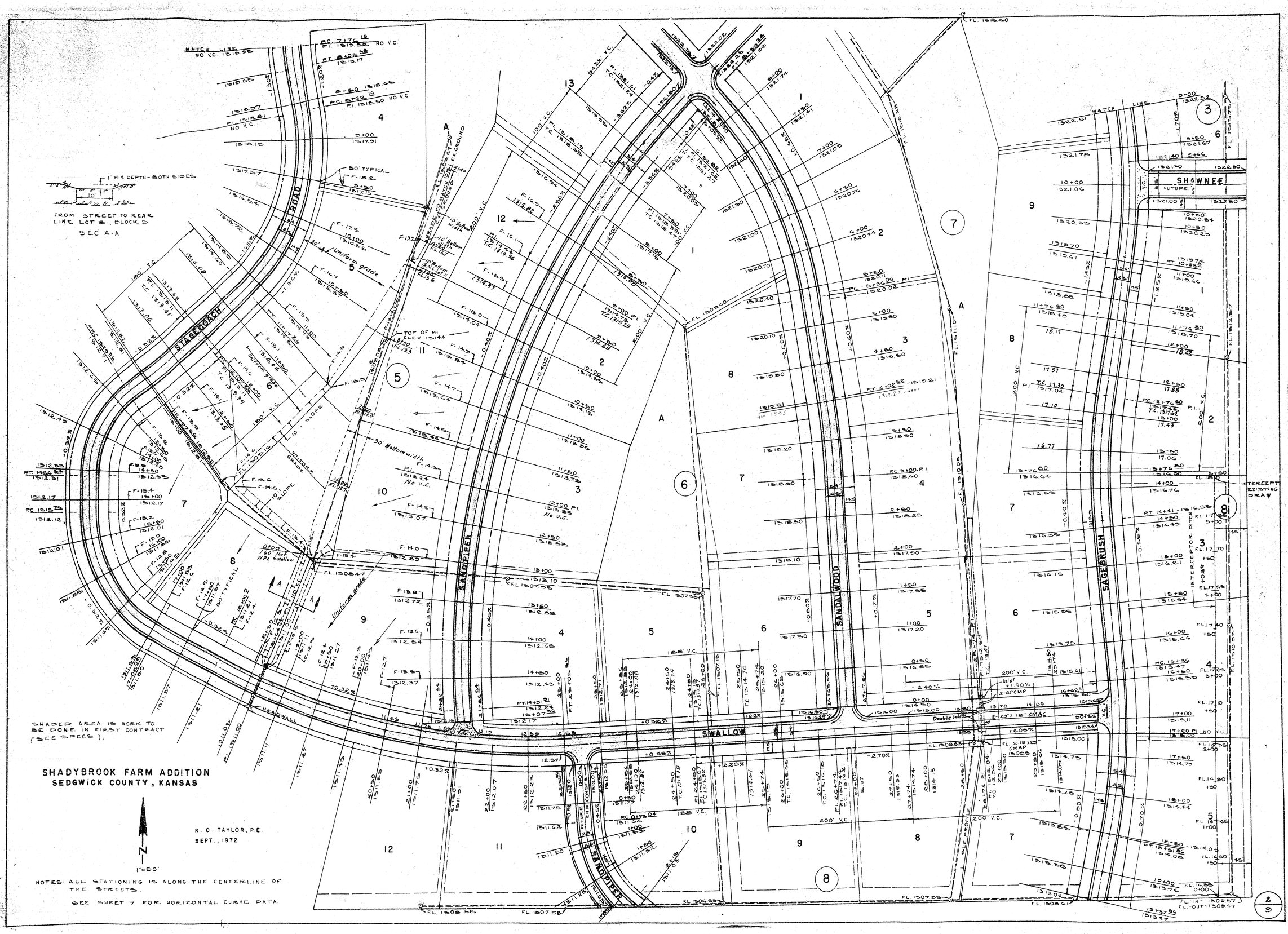
Sheet 1 of 9 Sewer plan
Sheet 2 of 9 Sewer profiles
Sheet 3 of 9 Pond Plan

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

K. O. TAYLOR, P.E.

OCTOBER, 1972


CENTRAL
25" X 15" X 40' CMAC WITH END SECTIONS - 12" MIN. COVER
3" ASPHALT HOOKUP TO CENTRAL PAVE.
STARLING
AVE.
N.E. COR. N.W.¼ SEC. 24-27-2E
SAGEBRUSH
SAND PIPER
SANDALWOOD
STAGECOACH
ROAD
MATCH LINE
SHAWNEE
FUTURE
200' V.C.
PLUGGED FL 1311.90
FL 1317.50
30' DRAINAGE & UTILITY EASEMENT
Fill any areas below swale grade to drain to swale grade
Match ex. ground
Fill Min. 2' above F.L.
6' Bottom width of swale
FL SWALE 1317 @ REAR LINE LOT 12
SEC. A-A
SEC. B-B
SEC. C-C
From street to rear line Lot 12, Block 7
SEC. D-D
From rear line Lot 12, Block 7, Southerly to match existing ground @ 0.3% Slope
F23.7 = Finished grade
SHADED AREA IS WORK TO BE DONE IN FIRST CONTRACT (SEE SPECS).
1" = 50'
SHADYBROOK FARM ADDITION
SEDGWICK COUNTY, KANSAS
K.O. TAYLOR, P.E.
SEPTEMBER, 1972
B.M. - ELEV. 1330.26 - 60D NAIL IN THE EAST SIDE 15" HEDGE TREE 60' SOUTH OF THE N.E. COR. NW¼ SEC 24-27-2E.
NOTES: ALL STATIONING IS ALONG THE CENTERLINE OF THE STREETS.
SEE SHEET 7 FOR HORIZONTAL CURVE DATA.


STAGECOACH ROAD
SANDPIPER
SWALLOW
SAGEBRUSH
SANDALWOOD
SHAWNEE
FUTURE
Uniform grade
30' Bottom width
HEADWALL
Double Inlets
1' MIN. DEPTH - BOTH SIDES
FROM STREET TO REAR LINE LOT 8, BLOCK 5
SEC A-A
SHADED AREA IS WORK TO BE DONE IN FIRST CONTRACT (SEE SPECS).
SHADYBROOK FARM ADDITION
SEDGWICK COUNTY, KANSAS
K. O. TAYLOR, P.E.
SEPT., 1972
1"=50'
NOTES: ALL STATIONING IS ALONG THE CENTERLINE OF THE STREETS.
SEE SHEET 7 FOR HORIZONTAL CURVE DATA.
INTERCEPT EXISTING DRAW
2
9

SHADY BROOK FARM ADD.
STREET PROFILES

K. O. TAYLOR P.E.

1" = 100' HORIZ.
1" = 5' VERT.

FINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS CHECKED, NOTE BOOK, NO. — BY — DATE

ORIGINAL SURVEY — SURVEYED, PLOTTED, TEMPLATE, AREAS CHECKED, NOTE BOOK, I.NO. — BY — DATE

EAST SIDE STAGECOACH

WEST SIDE STAGECOACH

NORTH SIDE STARLING

SOUTH SIDE STARLING

NORTH SIDE SWALLOW

SOUTH SIDE SWALLOW

EAST SIDE SANDPIPER

WEST SIDE SANDPIPER

EXISTING GROUND

COMPACTED FILL

EXISTING EDGE OF PAVEMENT OF CENTRAL

DRAIN TO INTERCEPTOR DITCH

+ PLATE 3 CROSS SECTION
CLEARPRINT PAPER CO., S.F. CAL.

NO. 1000 M.

U-4

SHADYBROOK FARM ADD
STREET PROFILES

K. O. TAYLOR P.E.

1" = 100' HORIZ.
1" = 5' VERT.

FINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK — NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

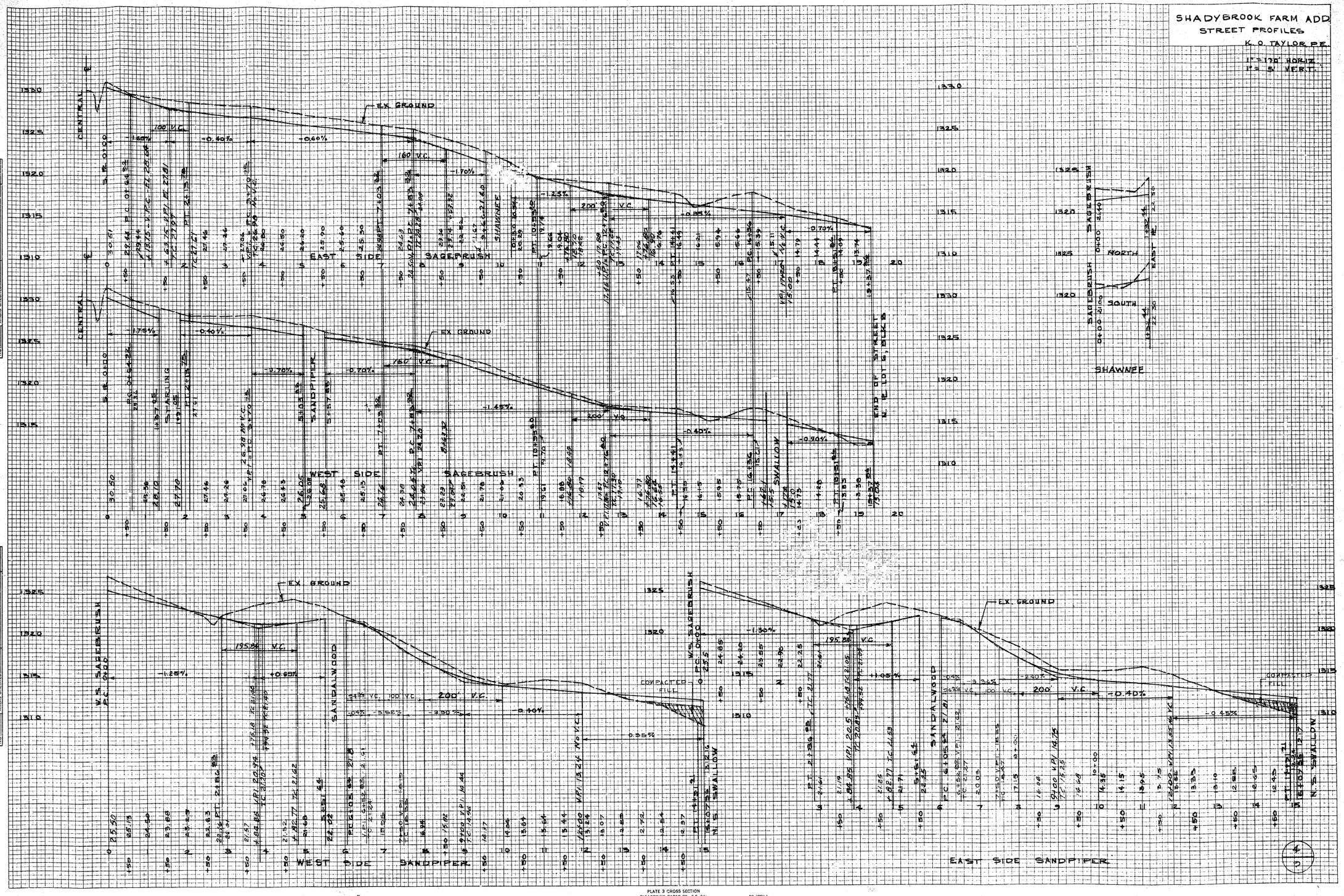


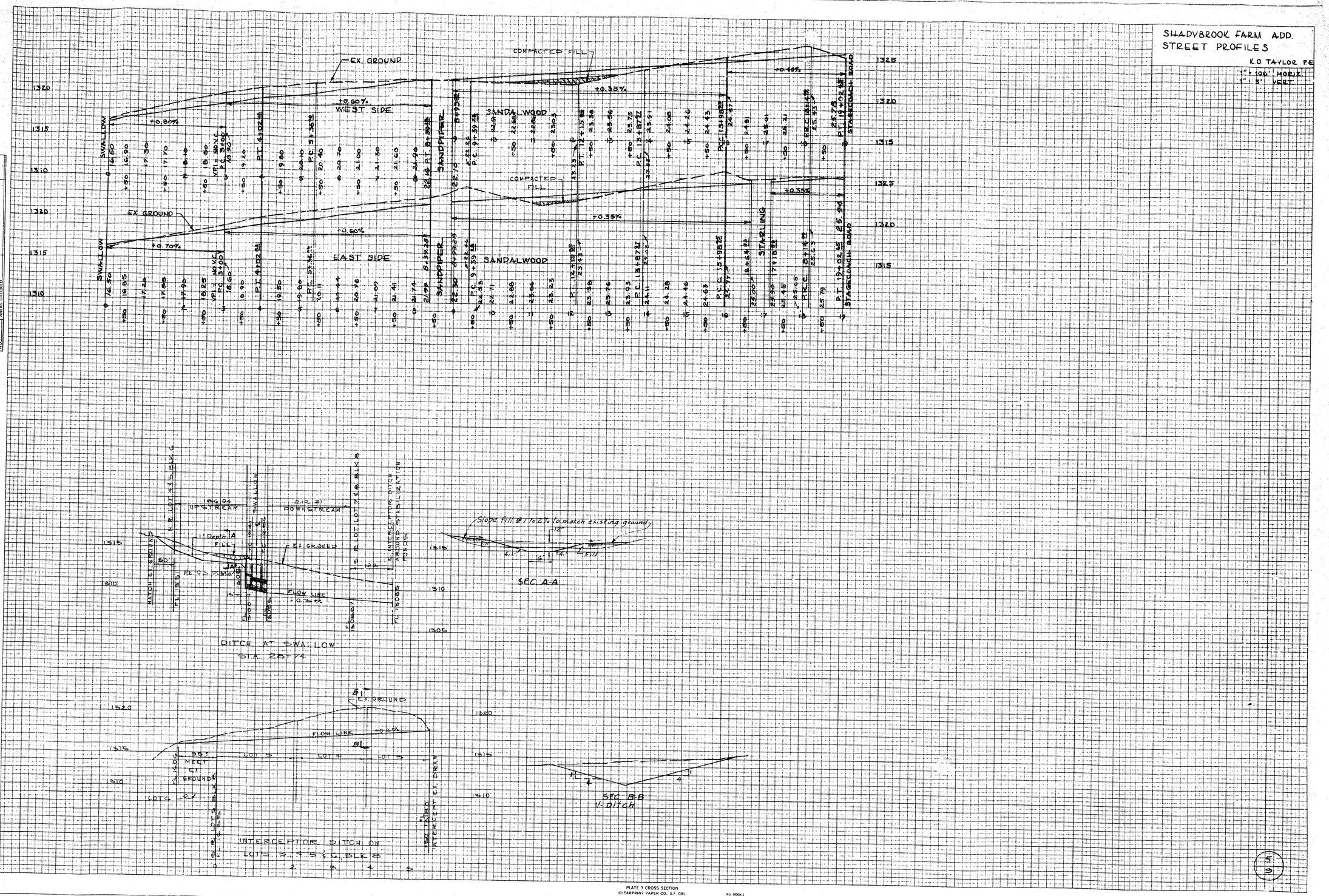
PLATE 3 CROSS SECTION
CLEARPRINT PAPER CO., S.F. CAL. NO. 1000K-3

SHADYBROOK FARM ADD.
STREET PROFILES

K.O TAYLOR P.E

1" = 100' HORIZ.
1" = 5' VERT

FINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TRIANGULATION		
NO.	AREAS CHECKED		



DITCH AT SWALLOW
STA 23+74

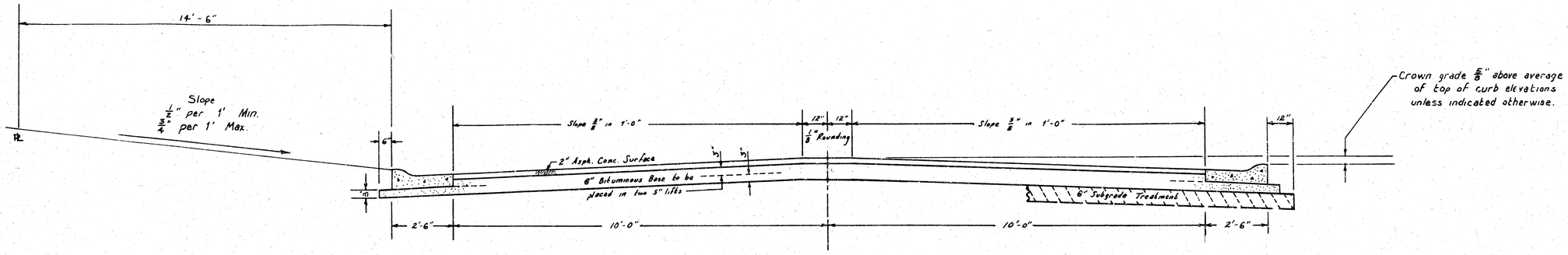
SEC A-A

INTERCEPTOR DITCH ON
LOTS 3, 4, 5 & 6, BLK 6

SEC B-B
V-Ditch

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
NOTE BOOK	TRIANGULATION		
NO.	AREAS CHECKED		

PLATE 3 CROSS SECTION
CLEARPRINT PAPER CO., S.F. CAL. NO. 1000N-3



TYPICAL SECTION

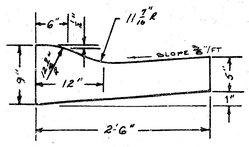
25' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

A TACK COAT OF EMULSIFIED ASPHALT (SS-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 SUBSIDARY 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.

ROLL TYPE CURB AND GUTTER



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.

SHADYBROOK FARM ADDITION

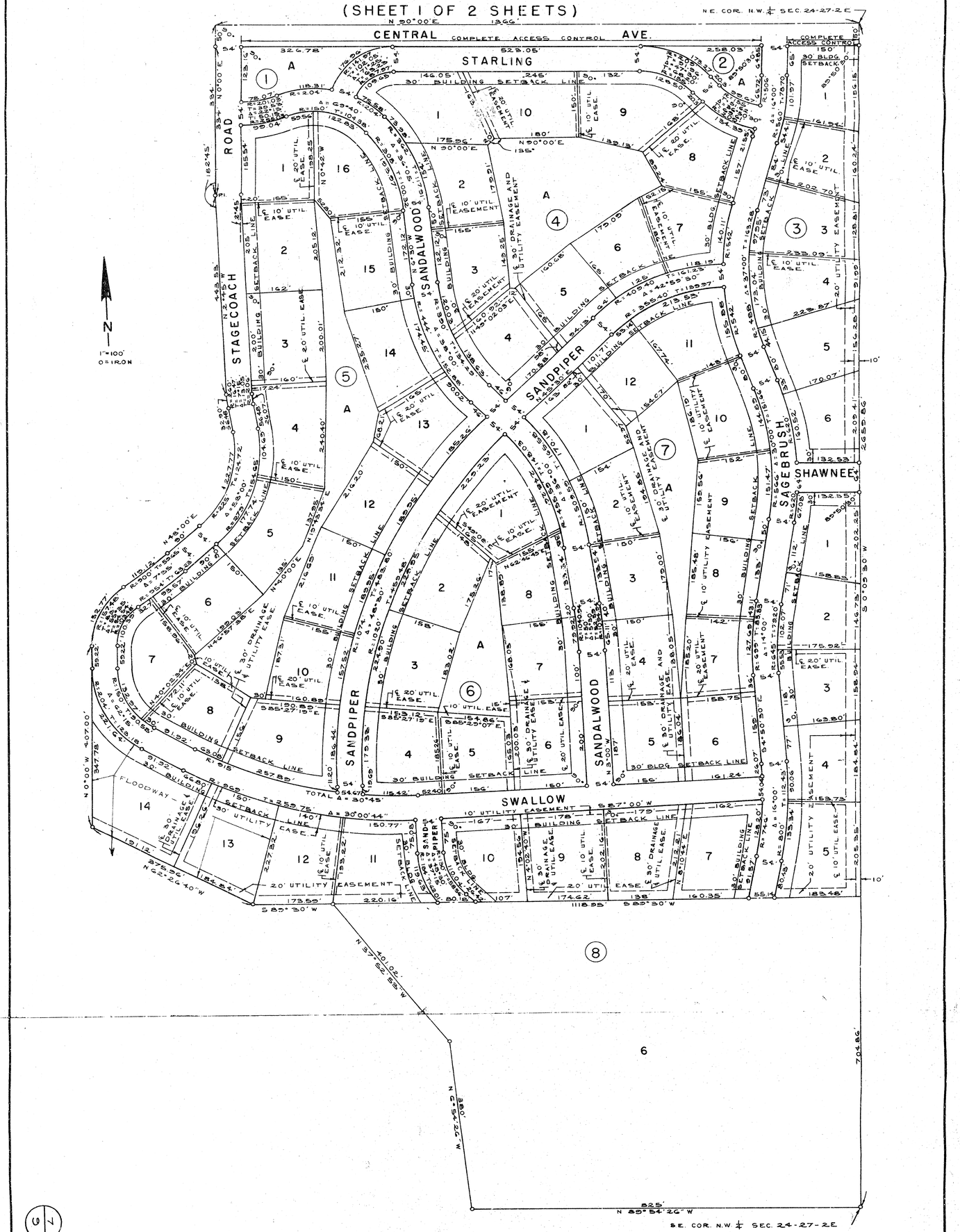
STREET IMPROVEMENTS

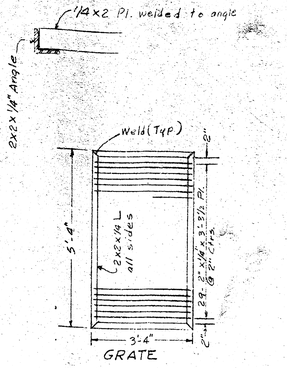
K. O. TAYLOR, P.E.
SEPTEMBER, 1972

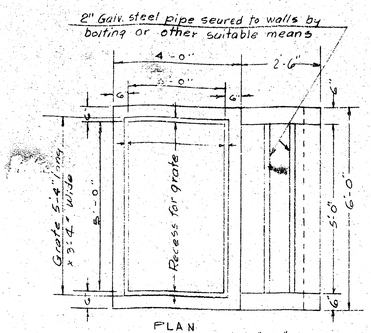
SHADYBROOK FARM ADDITION

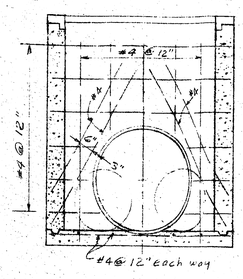
SEDGWICK COUNTY, KANSAS

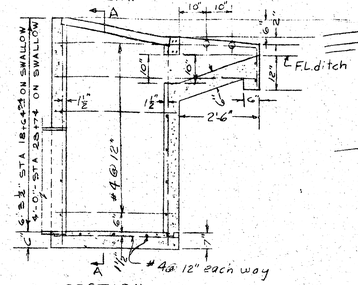
(SHEET 1 OF 2 SHEETS)



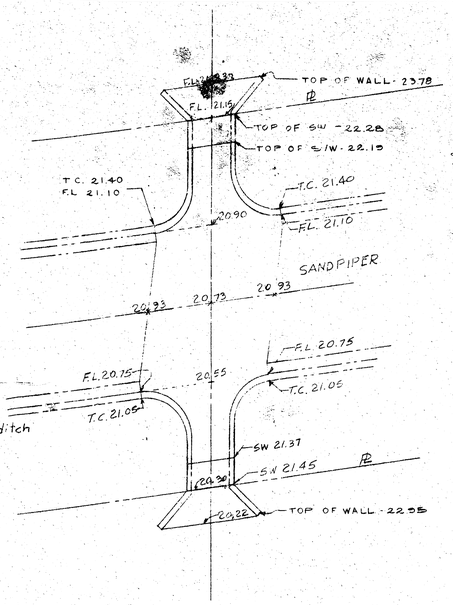


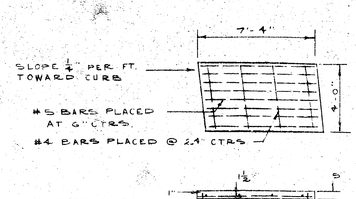


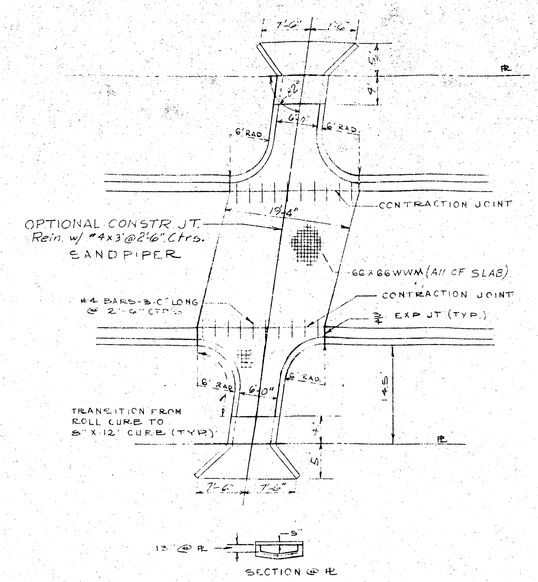




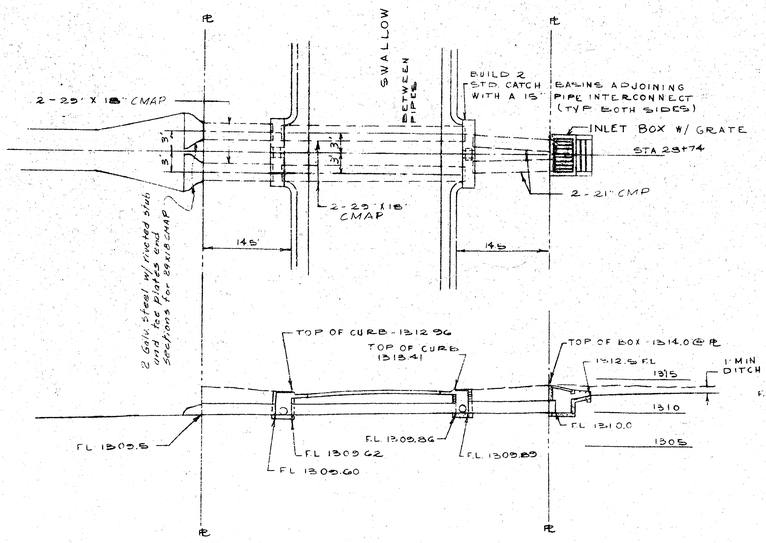
INLET BOX



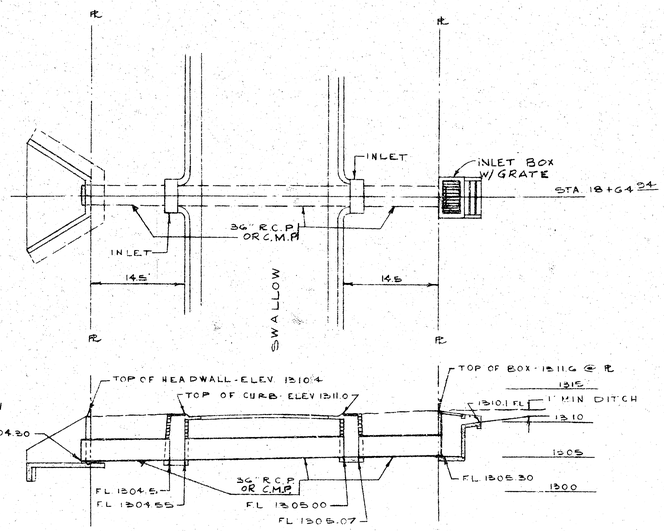




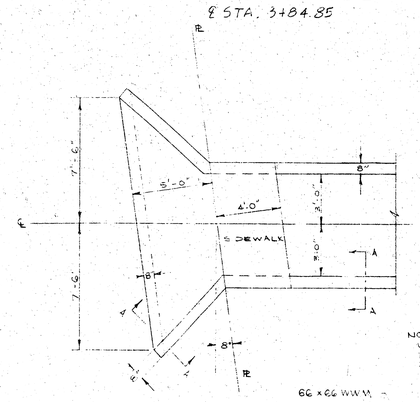
8" REINF. CONCRETE PAVEMENT ACROSS STREET AT SANDPIPER ℄ STA. 3484.85

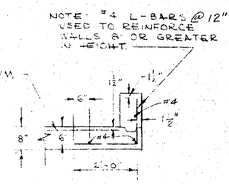


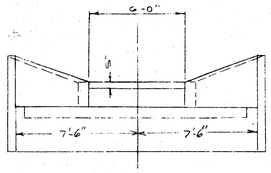
STORM SEWER @ STA 28+74
ON SWALLOW

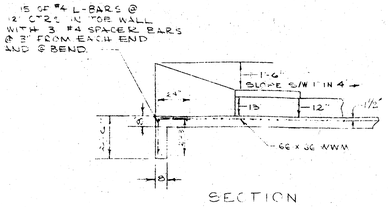


STORM SEWER @ STA 18+64.94
ON SWALLOW

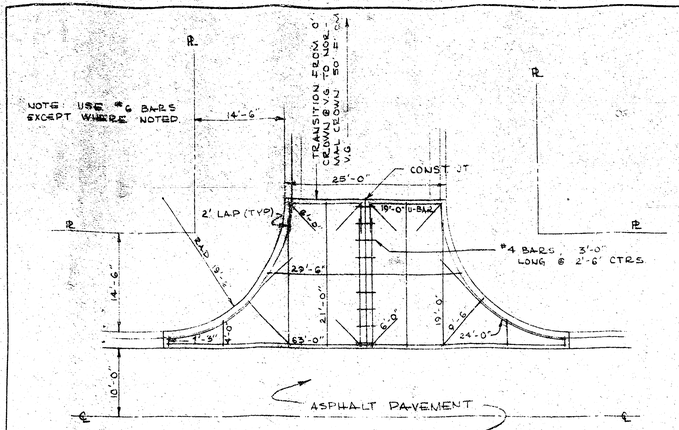




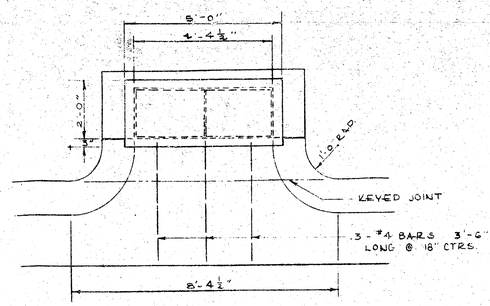




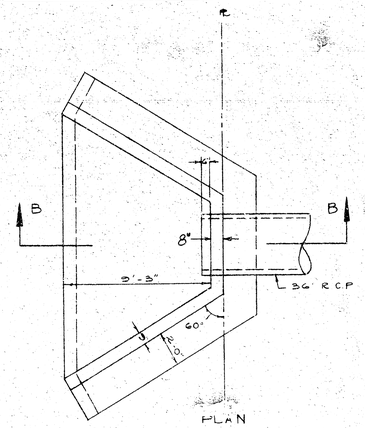
HEADWALL AT SANDPIPER



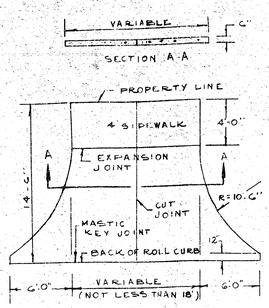
CONCRETE WING REINFORCEMENT



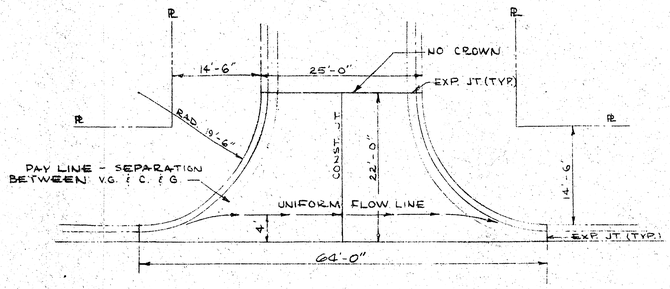
PLAN



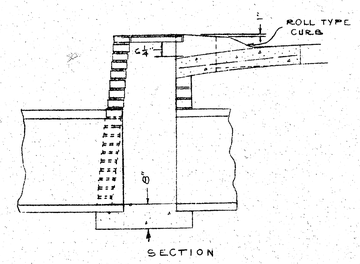
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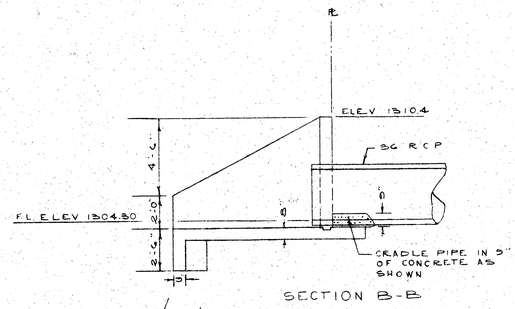
DETAIL OF DRIVE APPROACH BACK OF ROLL CURB



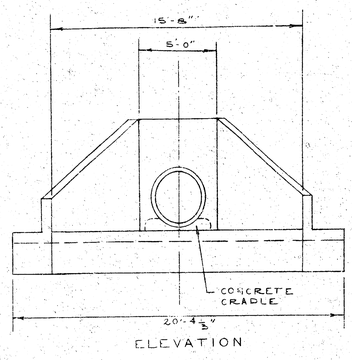
CONCRETE WING @ STREET INTERSECTION



CATCH BASIN DETAILS
ROLL TYPE CURB
WICHITA STANDARD

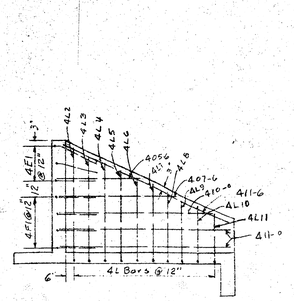


SECTION B-B

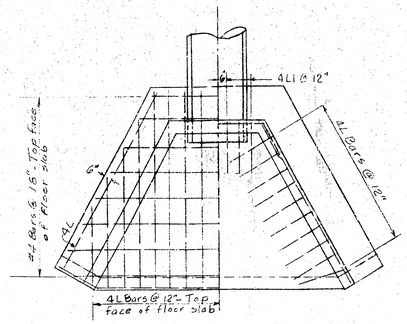


ELEVATION

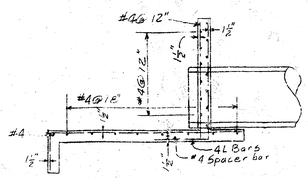
HEADWALL



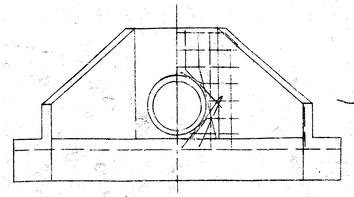
ELEV. OF WING WALL



PLAN



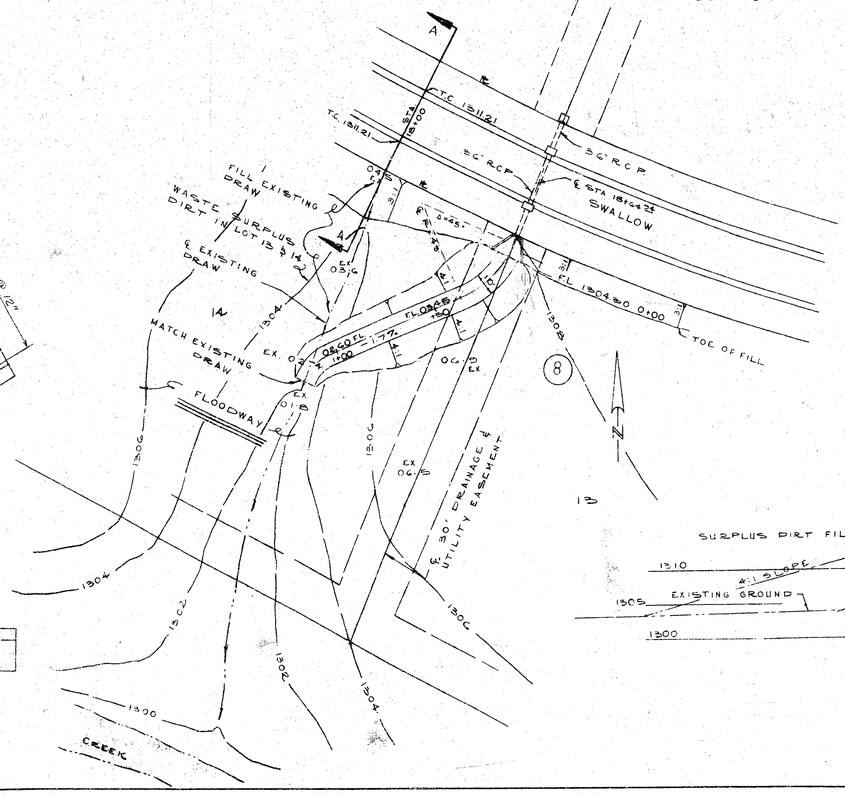
SECTION

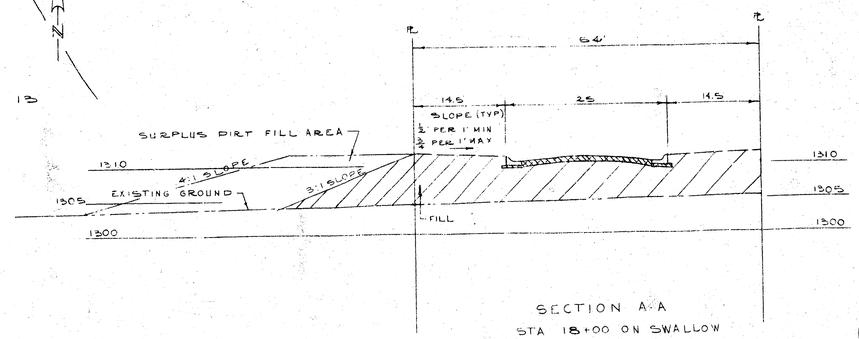


Bend, rotate or cut steel as shown to clear pipe

ELEV.

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





SECTION A-A
STA 18+00 ON SWALLOW