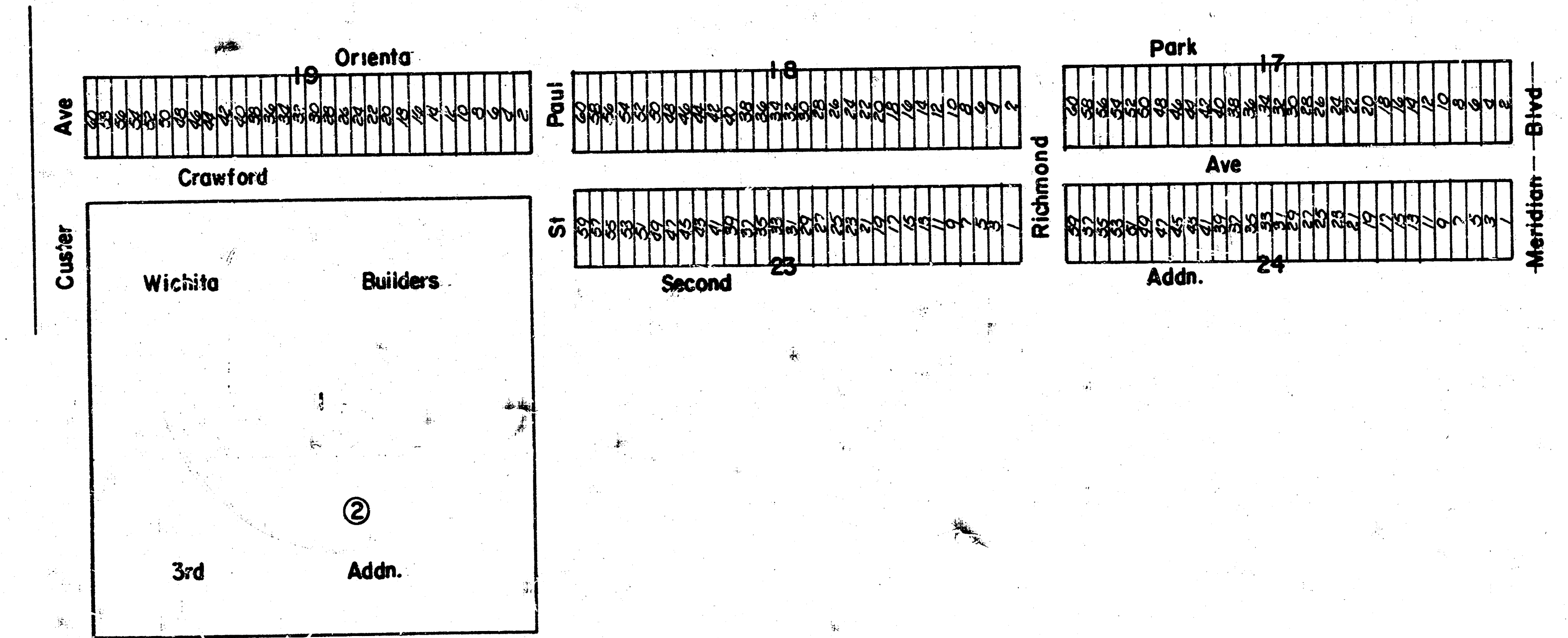
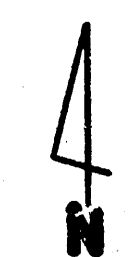


CRAWFORD AVE

WORK ON THIS PROJECT SHALL BE COORDINATED WITH THE WORK ON THE OTHER SIX (6) PROJECTS THAT ARE A PART OF THIS CONTRACT. CONSTRUCTION SEQUENCING IS SUBJECT TO THE APPROVAL OF THE ENGINEER.

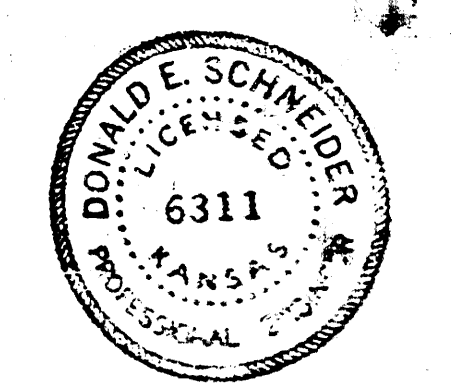


- GENERAL NOTES:
- (1) CONSTRUCT ROLL-TYPE CURB ON THIS PROJECT. CURBS SHALL BE DERESSED THROUGH DRIVES WHEN DRIVES ARE CONSTRUCTED AS A PART OF THIS CONTRACT. NO MORE THAN 60 DRIVES ARE TO BE CONSTRUCTED WITHIN THIS PROJECT.
 - (2) PAVEMENT SHALL BE 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE AND 2" WEARING SURFACE).
 - (3) TREES TO BE REMOVED ARE INDICATED ON THE PLANS; HOWEVER, ANY TREE WHICH CAN BE SAVED, AS DETERMINED BY THE FIELD ENGINEER, SHALL NOT BE REMOVED.
 - (4) EARTHWORK TO MEET EXISTING GROUND ELEVATION AT RIGHT-OF-WAY LINE, UNLESS OTHERWISE NOTED ON THE PLAN WITH A NEW ELEVATION. IF A NEW ELEVATION IS SHOWN, THE EARTHWORK SHALL EXTEND ONE FOOT BEYOND RIGHT OF WAY LINE, THENCE UP OR DOWN ON A 1:1 SLOPE TO THE EXISTING GROUND SURFACE.
 - (5) WIDENED CUTTER SECTION OF COMBINED CURB AND CUTTER AT INTERSECTIONS WILL NOT BE PAID FOR DIRECTLY, AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER PAY ITEMS OF WORK.
 - (6) MAILBOXES WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AS APPROVED BY THE ENGINEER. CONTRACTOR WILL BE REQUIRED TO MAKE SATISFACTORY PROVISIONS FOR MAIL DELIVERY TO PROPERTIES AFFECTED BY THIS PROJECT DURING CONSTRUCTION.
 - (7) ALL ENTRANCE AND CROSS ROAD DRAINAGE PIPES WITHIN THE PROJECT LIMITS SHALL BE REMOVED BY THE CONTRACTOR, UNLESS OTHERWISE NOTED ON THE PLANS. REMOVAL OF SUCH PIPES SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE STANDARD SPECIFICATIONS.
 - (8) CONTRACTOR SHALL GIVE PROPERTY OWNERS ADVERTISING THIS PROJECT WHOSE YARDS WILL BE LOWER THAN THE TOP OF THE NEW CURB AN OPPORTUNITY TO UTILIZE EXCESS EXCAVATED MATERIAL FROM THE PROJECT TO REGRADE THEIR YARDS TO DRAIN TO THE NEW PAVEMENT. CONTRACTOR WILL BE REQUIRED TO DUMP AND SPREAD THE EXCESS MATERIAL AS REQUIRED BY THE STANDARD SPECIFICATIONS. ANY DIRT IN EXCESS OF CONSTRUCTION REQUIREMENTS AND PROPERTY OWNER REQUESTS SHALL BE DELIVERED AND SPREAD ON THE SCHOOL BOARD PROPERTY SOUTH OF 27TH STREET AND ST. PAUL AT NO ADDITIONAL COST. CONTACT LEON PAYNE, 832-1211, EXT. 27A, FOR INSTRUCTIONS FOR DUMPING ON SCHOOL BOARD PROPERTY.
 - (9) CONTRACTOR TO BID ONLY ONE SUB-GRADE TREATMENT ALTERNATE. ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED FOR CONSTRUCTION ON THIS PROJECT.
 - (10) THE CONTRACTOR SHALL SEQUENCE HIS WORK TO ELIMINATE THE NEED FOR "OVERHAUL" IF DIRT IS TO BE DELIVERED TO THE SCHOOL BOARD PROPERTY.
 - (11) REMOVAL OF EXCESS PAVEMENT PLACED IN THE CONSTRUCTION OF THE ST. PAUL AND THE RICHMOND PAVING PROJECTS SHALL BE CONSIDERED INCIDENTAL TO EXCAVATION.
 - (12) DRIVEWAY CONSTRUCTION BEHIND THE RIGHT-OF-WAY LINE SHALL BE PERMITTED AS A PART OF THIS CONTRACT.

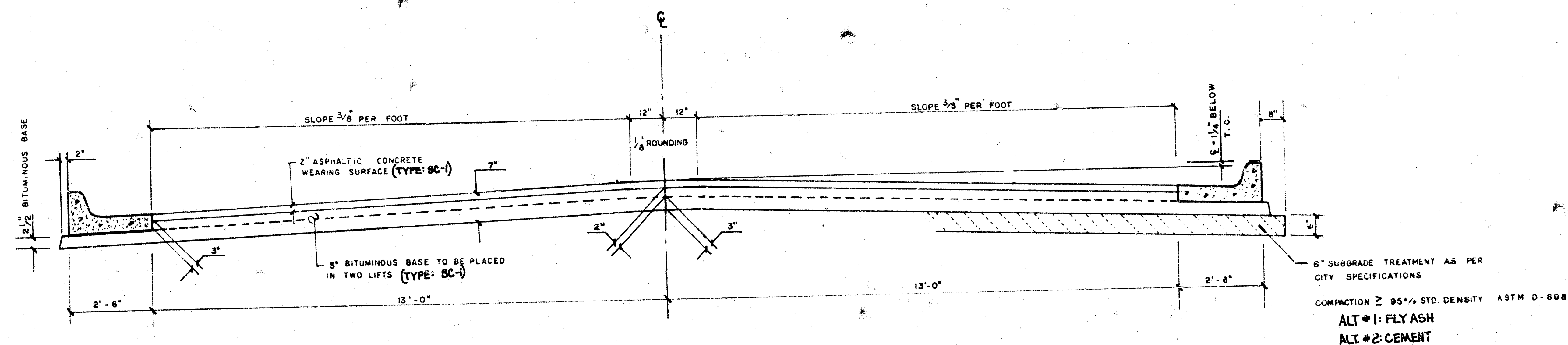
IN CASES WHERE THE WORK IS SHOWN ON THE PLAN, AND IS NECESSARY BECAUSE OF ELEVATION DIFFERENCES BETWEEN THE PROPOSED CURB AND EXISTING DRIVEWAY, THE CONTRACTOR SHALL OBTAIN PERMISSION FROM THE PROPERTY OWNER TO PROCEED WITH THE WORK, AND THE WORK SHALL BE CHARGED TO THE PROJECT.

IN CASES WHERE THE EXISTING DRIVE HAS NOT BEEN CONSTRUCTED TO THE RIGHT-OF-WAY LINE THE PROPERTY OWNER MAY REQUEST IN WRITING ON THE DRIVEWAY REQUEST FORM THAT THE EXISTING DRIVEWAY BE CONSTRUCTED IN CONJUNCTION WITH THIS PROJECT. IN THIS CASE THE WORK SHALL BE PAID FOR IN THE SAME MANNER AS THE DRIVEWAY APPROACH WITHIN THE RIGHT-OF-WAY.

IN ALL CASES THE FIELD ENGINEER SHALL GRANT APPROVAL FOR WORK DONE OUTSIDE OF STREET RIGHT-OF-WAY BEFORE THE WORK COMMENCES.



PROJECT DESCRIPTION		
Crawford Ave - from EL of Custer to the WL of Meridian.		
PROJECT NUMBER		
472-76-245-81170-000-000-001		
BOOK NO. DCD 183	APPROVED BY	DATE
DRAWN BY	REVISOR	REVISION
CITY OF WICHITA		
DEPARTMENT OF ENGINEERING		
DIRECTOR OF ENG./CITY ENGINEER R. W. BRUGGEMAN		SCALE 1" = 20'



TYPICAL SECTION

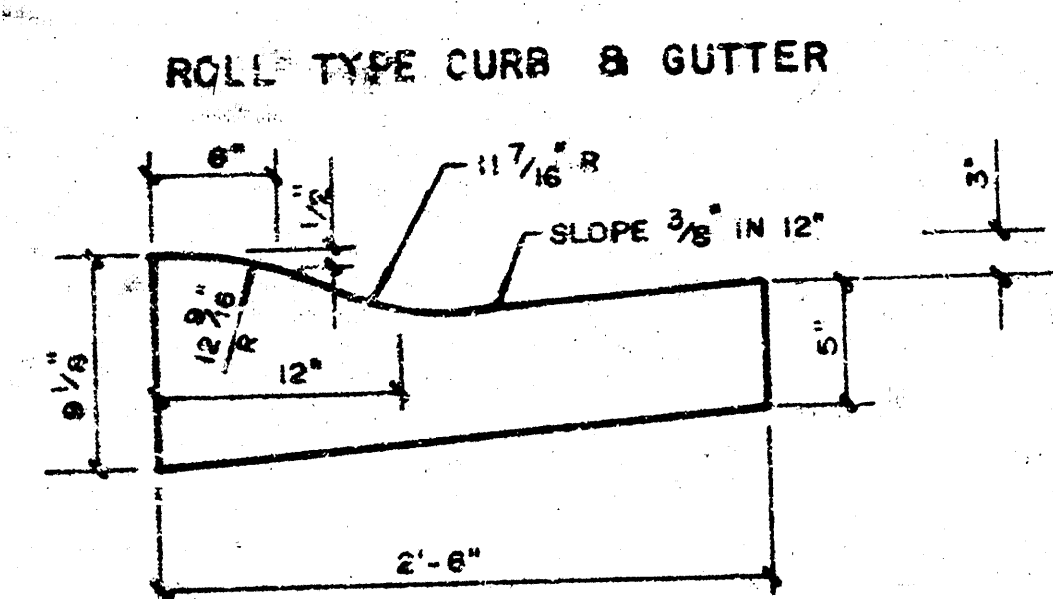
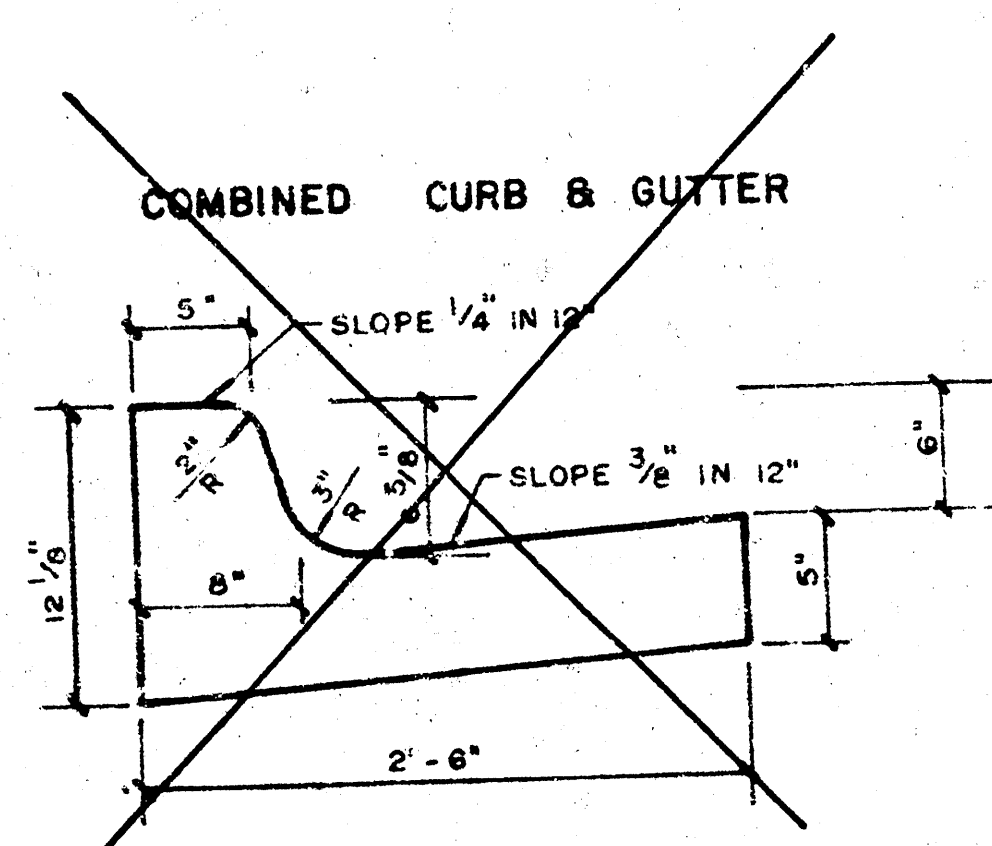
31' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

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

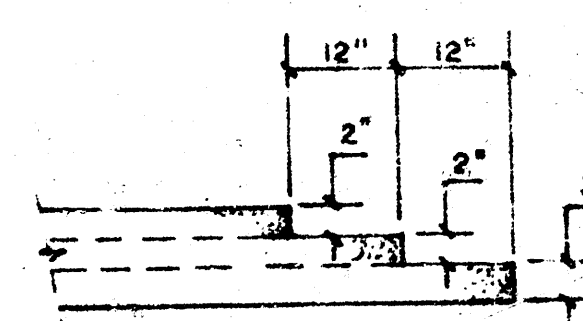
BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON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

THE A.C. PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQ YDS 7" A.C. PAVEMENT (5" BITUMINOUS BASE).

THE BITUMINOUS BASE UNDER THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQ YDS 2 1/2" BITUMINOUS BASE.

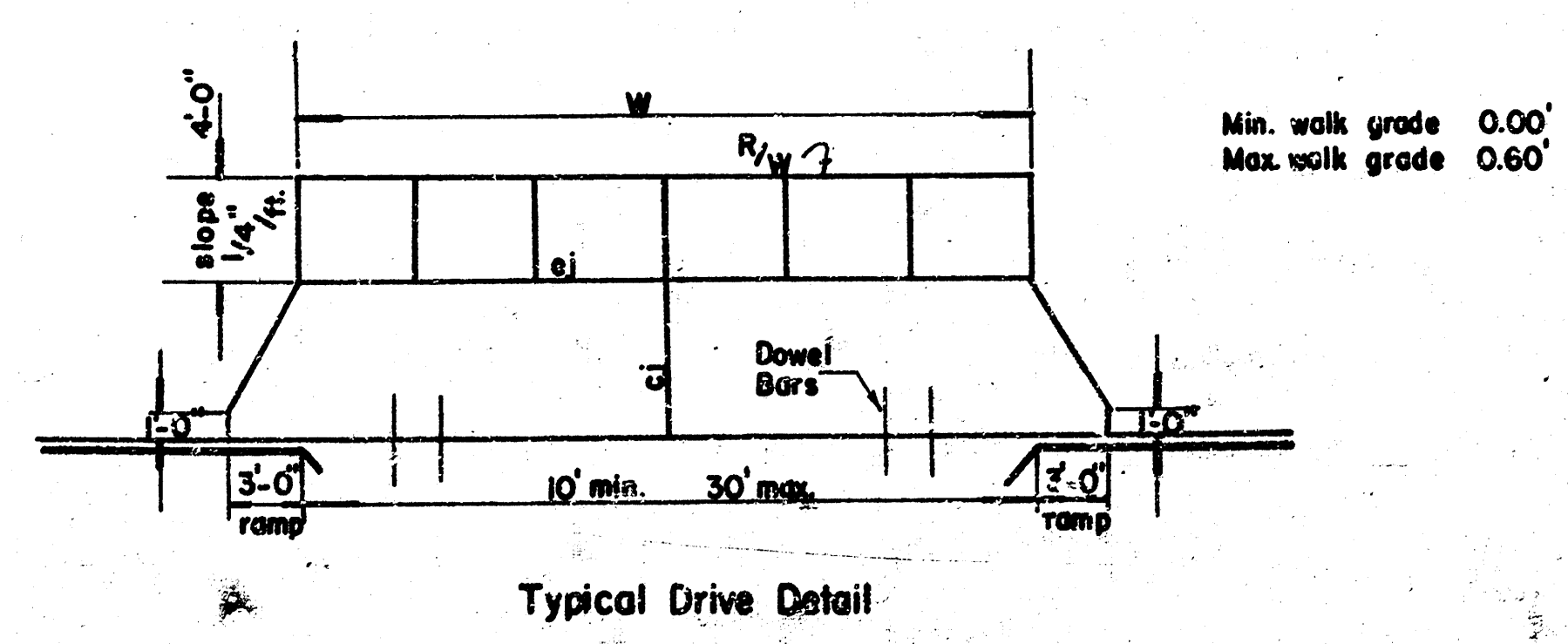
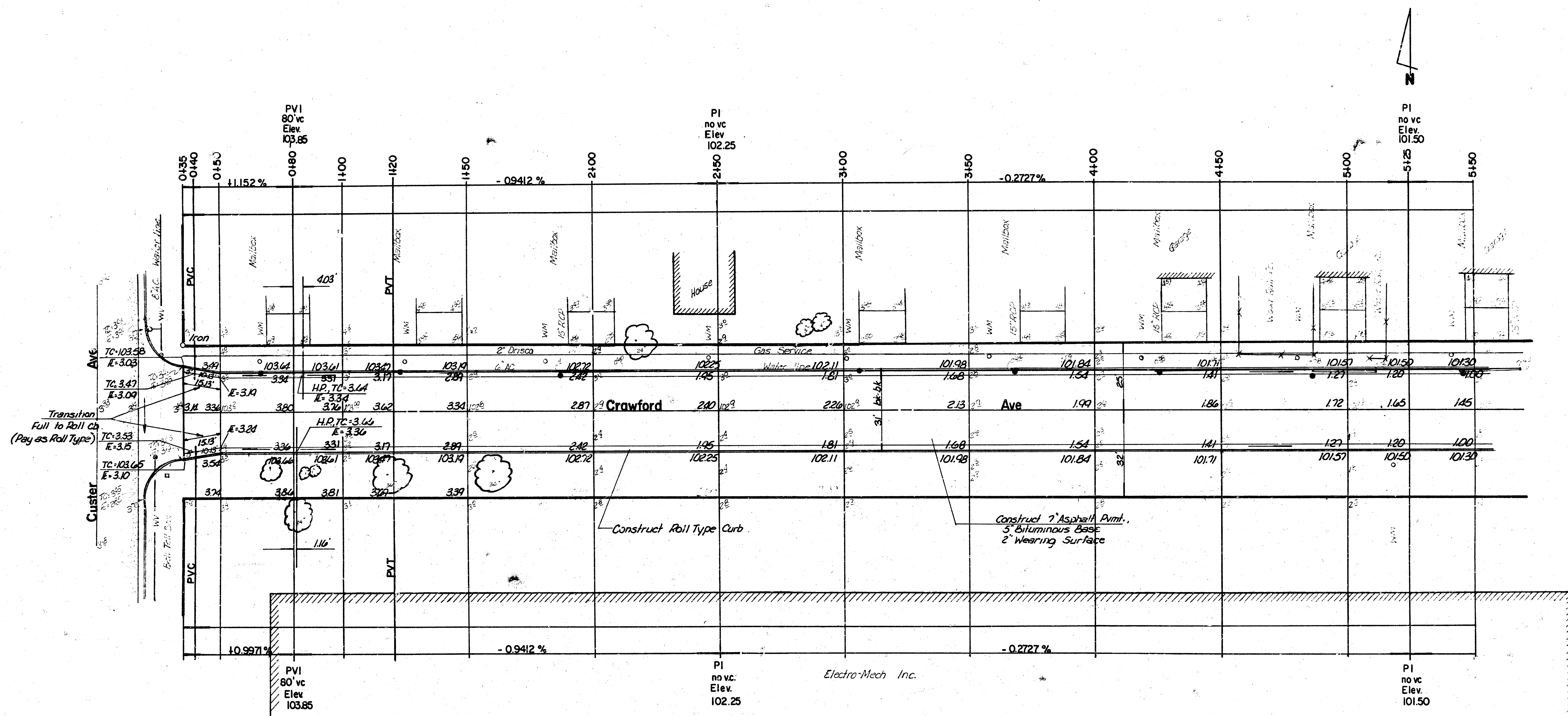


DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



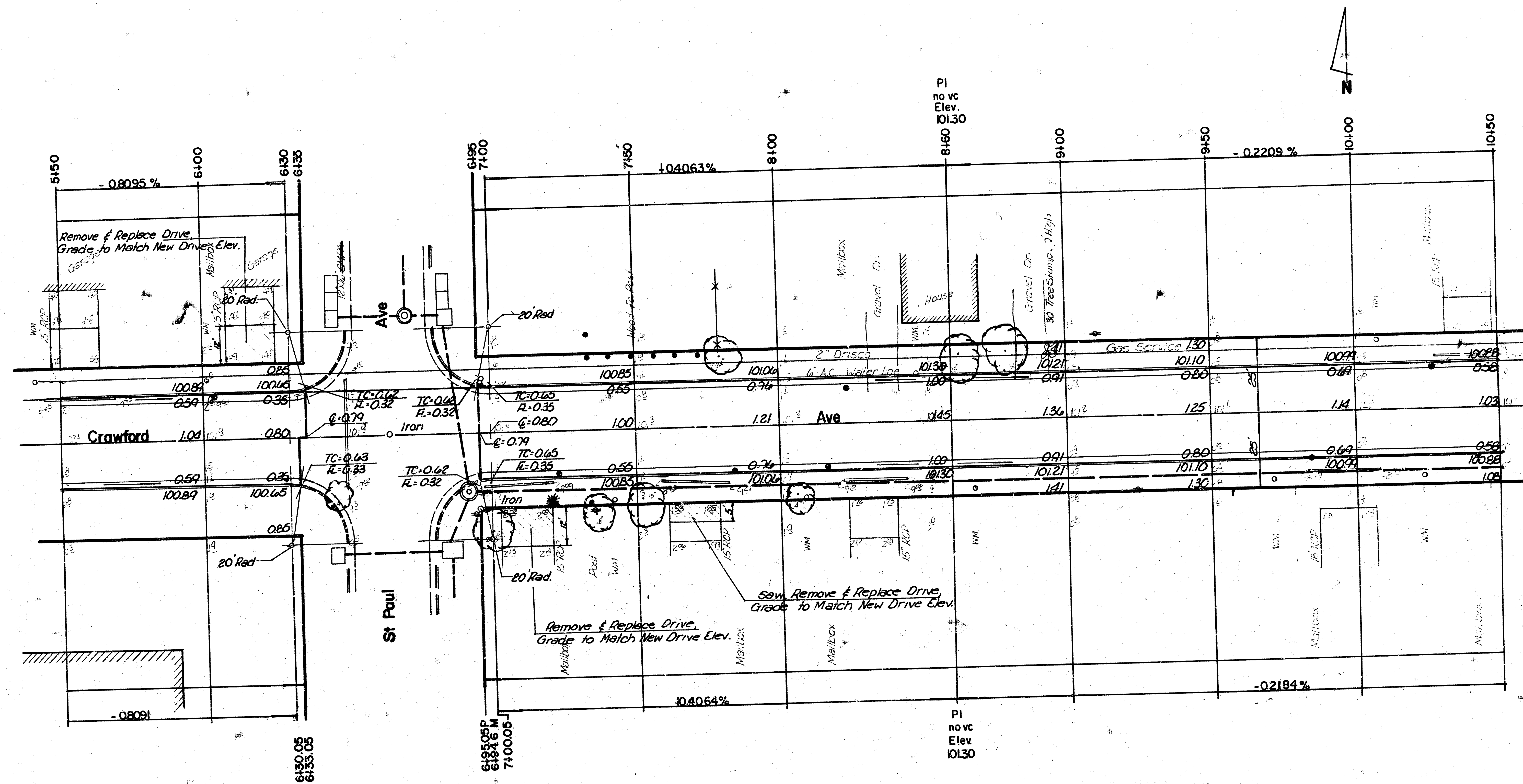
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF A.C. PAVEMENT.

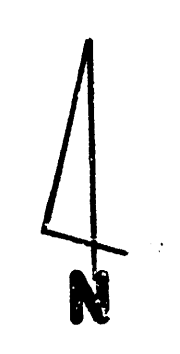
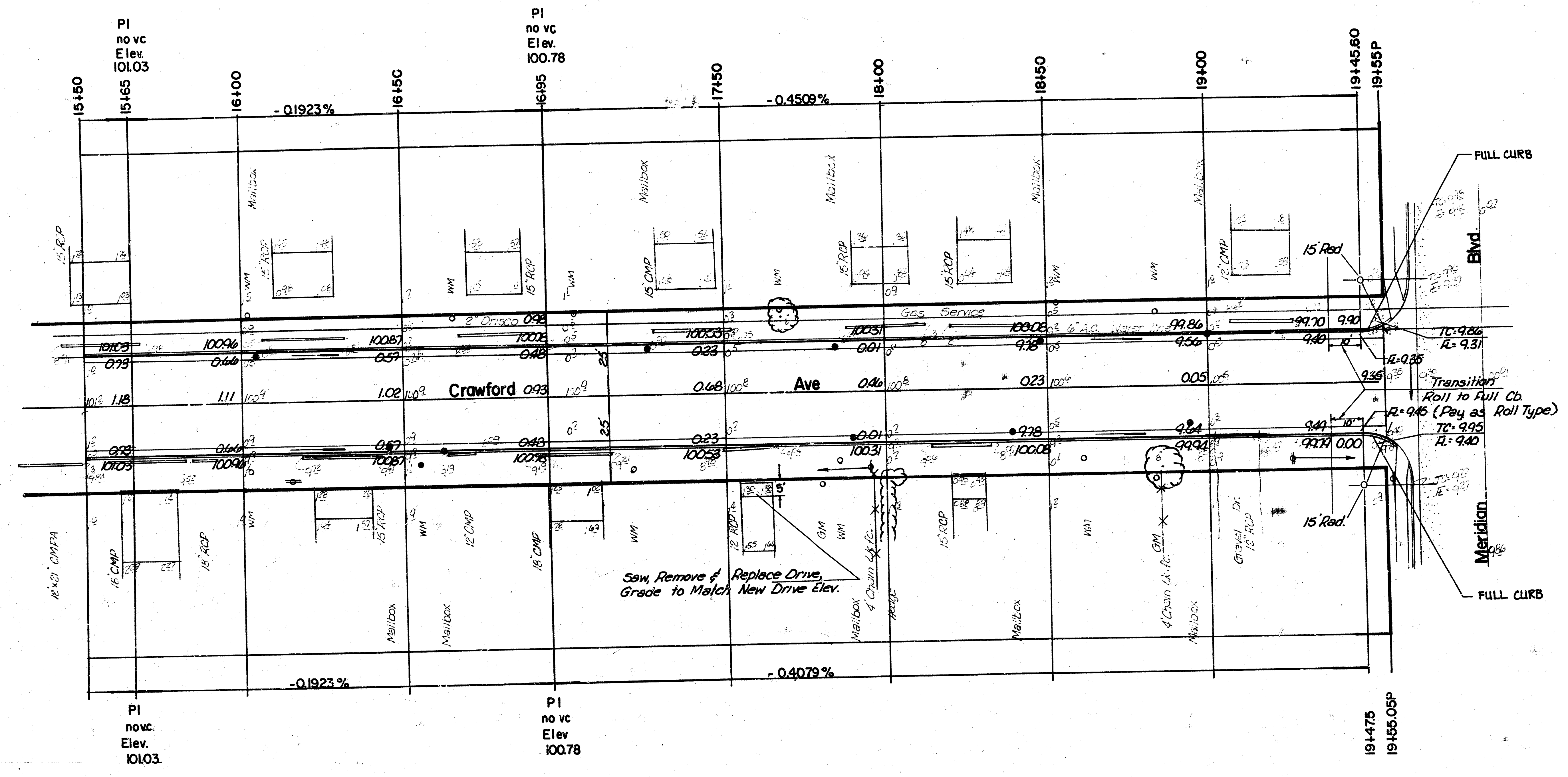
BM 102.38 R.R. spike W. face p.pole SE corner St Paul and Crawford
BM 101.62 R.R. spike E. face p.pole SW corner Crawford and Richmond
BM 103.25 SE corner bottom step mennonite church NE corner Crawford and Meridian
BL is 25' S of and parallel to NL Crawford

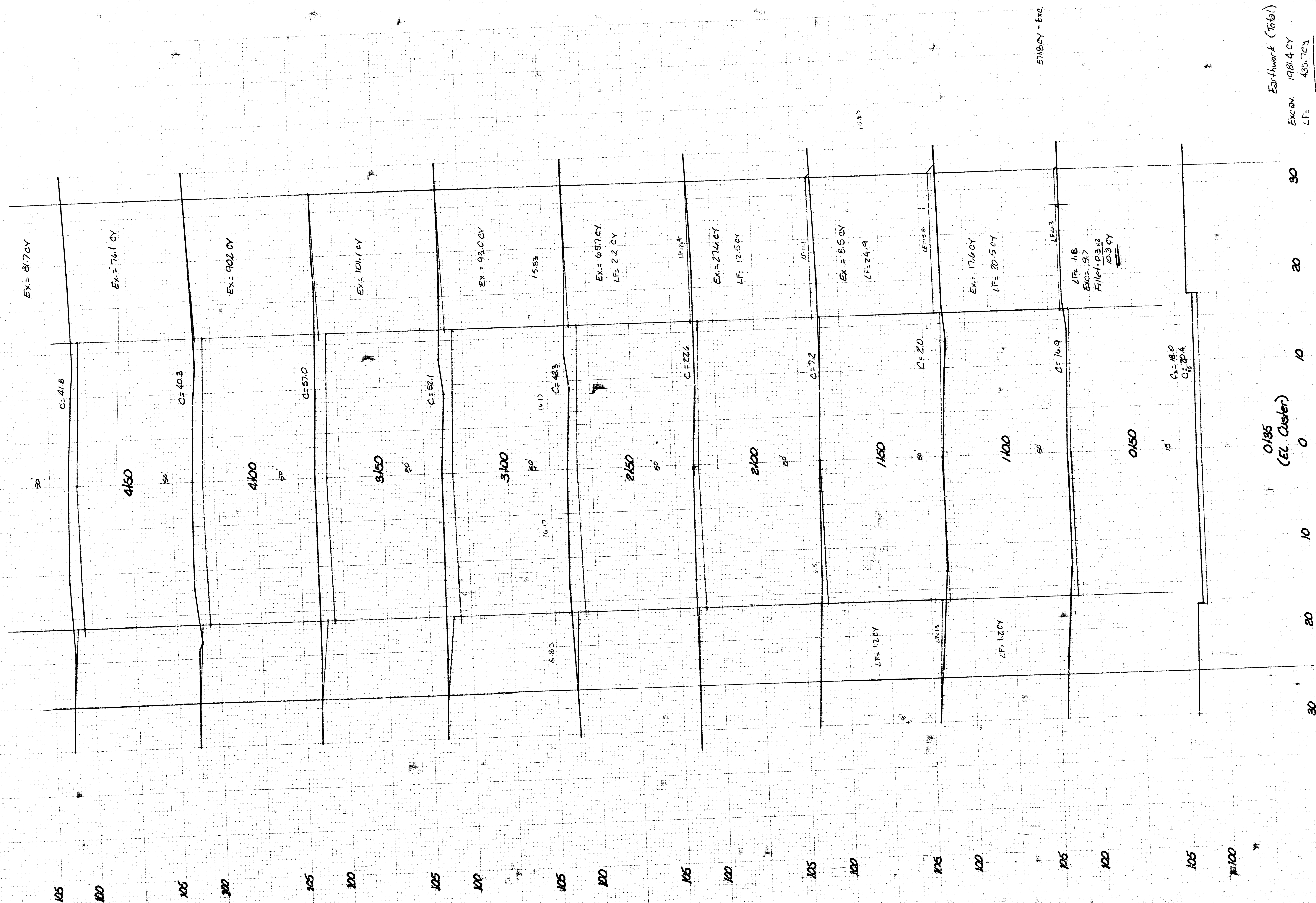


EARTHWORK	
EXCAVATION	181.4 cy
+10%	198.1 cy
TOTAL	217.5 cy
MANIPULATION	6470.7 sy

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.

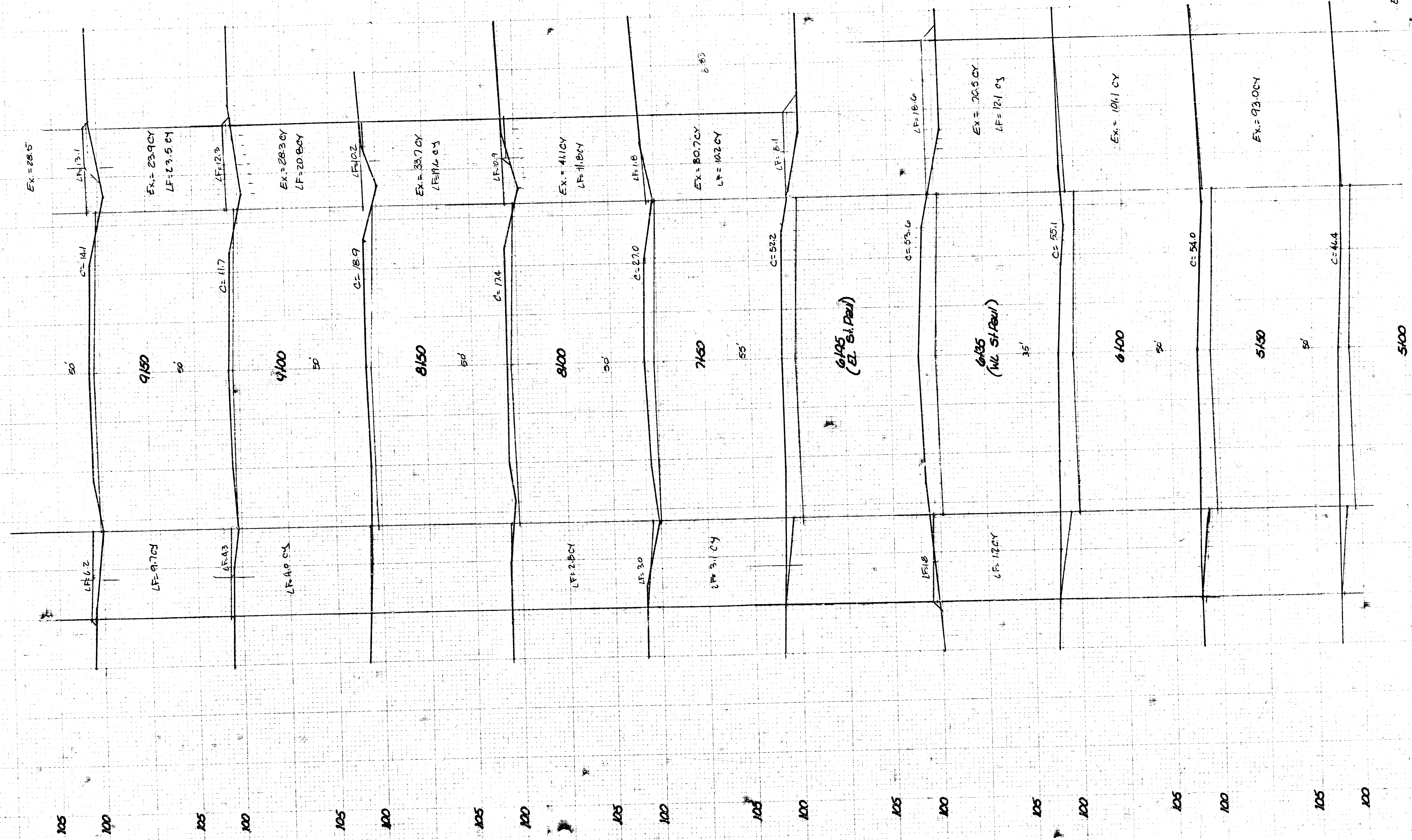






Earthwork (Total)
 EXC. CY 1981.4 CY
 LF 435.7 CY
 1545.7 CY

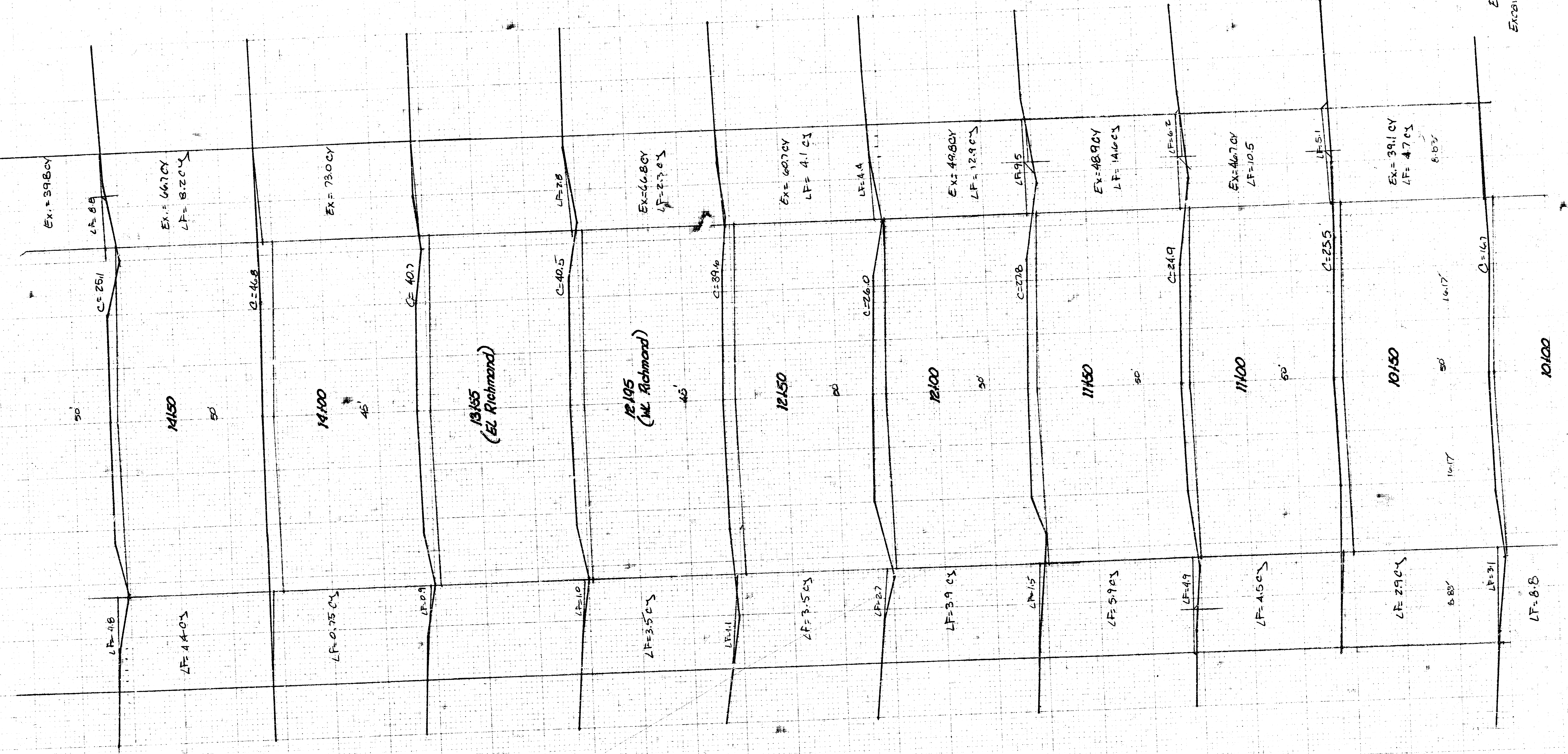
0.135
 (EL. Outer)



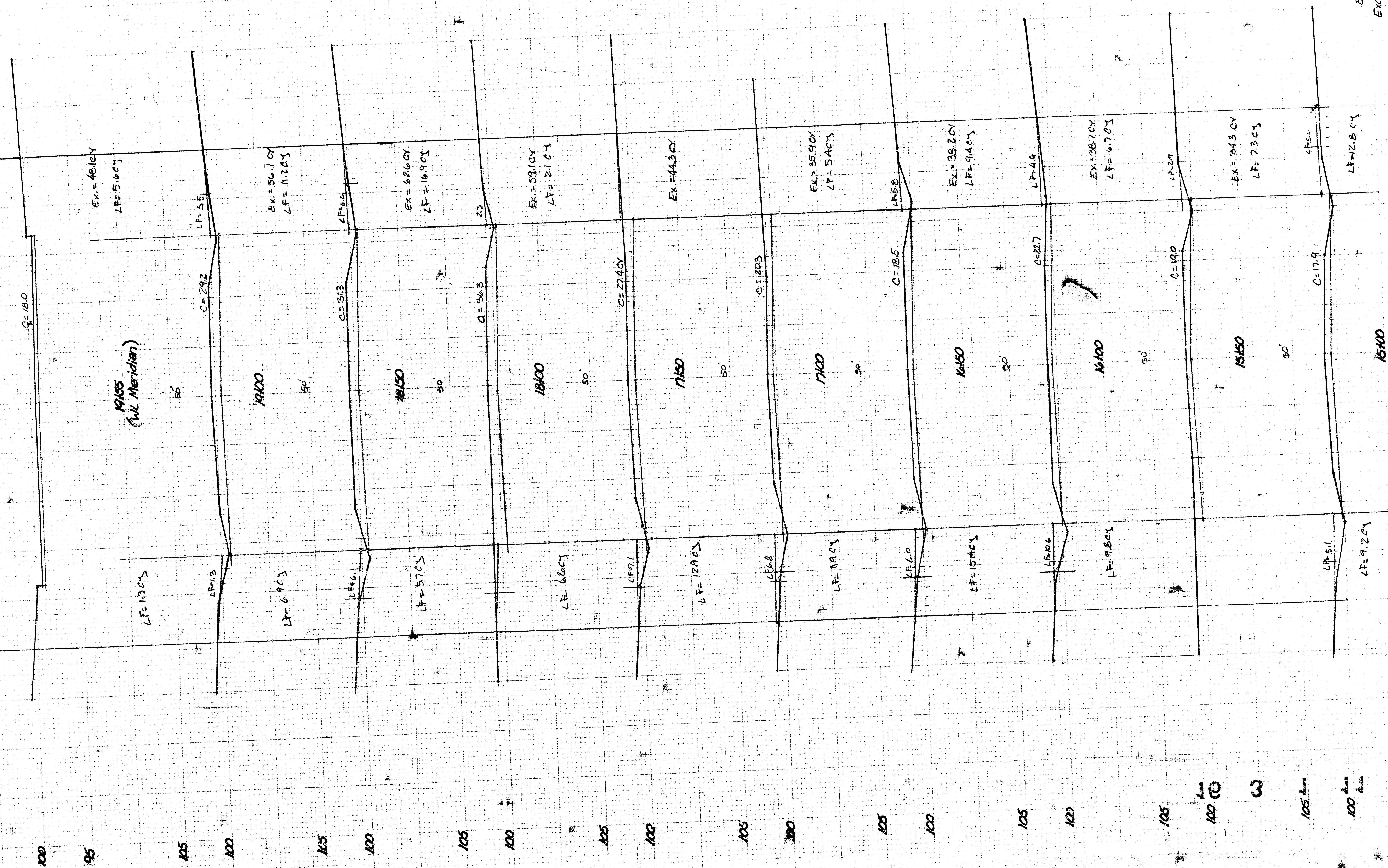
8/10

2/10

Earthwork (This sheet)
Excavation 4915 CY



30 20 10 0 10 20 30



Earthwork (This sheet)
Excavation 47.3 cy