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BEFORE STARTING CONSTRUCTION CONTRACTOR MUST CHECK WITH UTILITIES FOR LOCATIONS OF EXISTING STRUCTURES WHETHER OR NOT INDICATED ON PLANS.	
SCALE	1" = 100'
STREET WIDTH	1" = 50'
VERTICAL	1" = 2'
SUPPLEMENTARY DETAILS	
C-4378 THROUGH C-4385-A	
REVISIONS	
DATE	OLD MAP 4-3-46

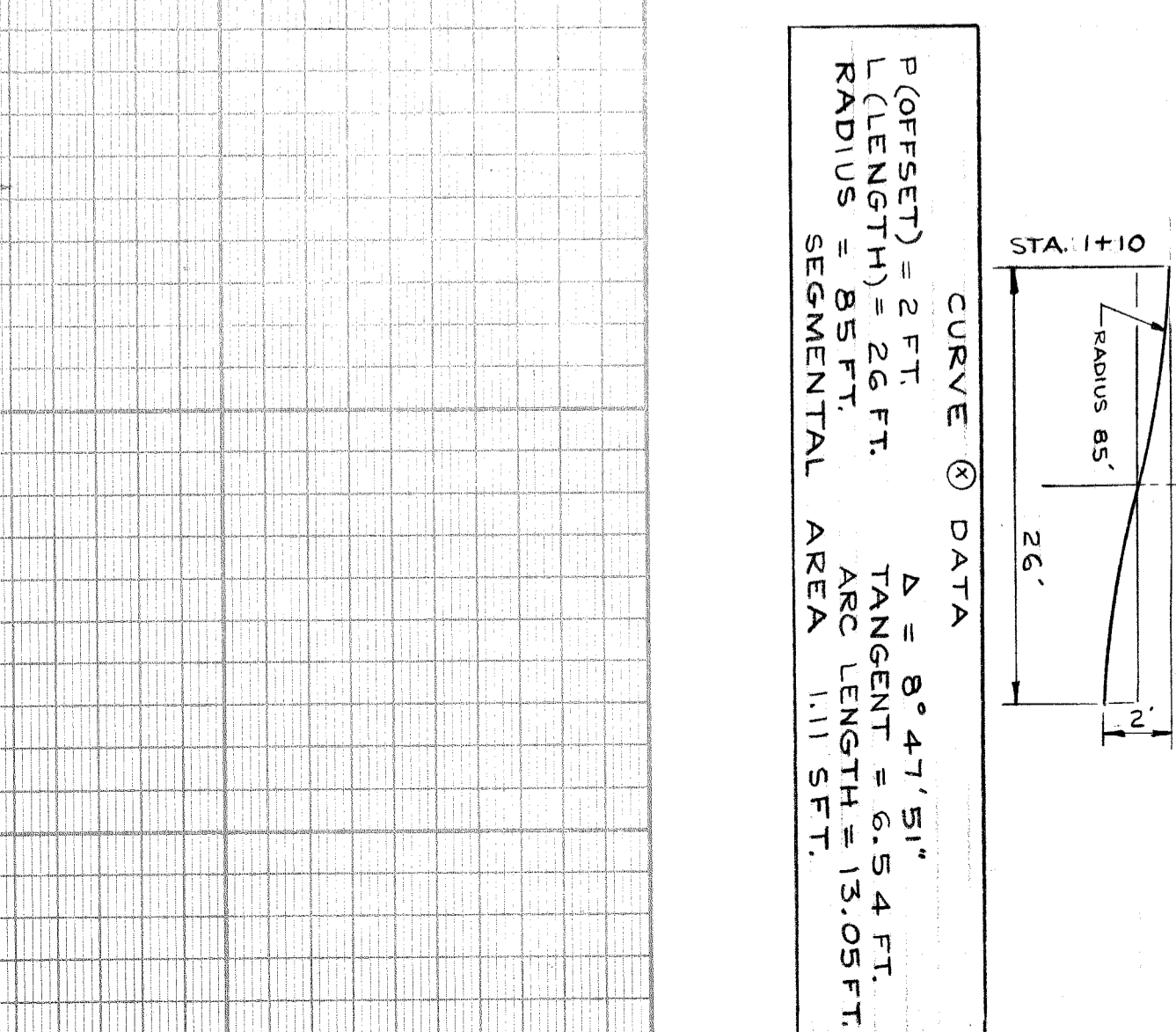
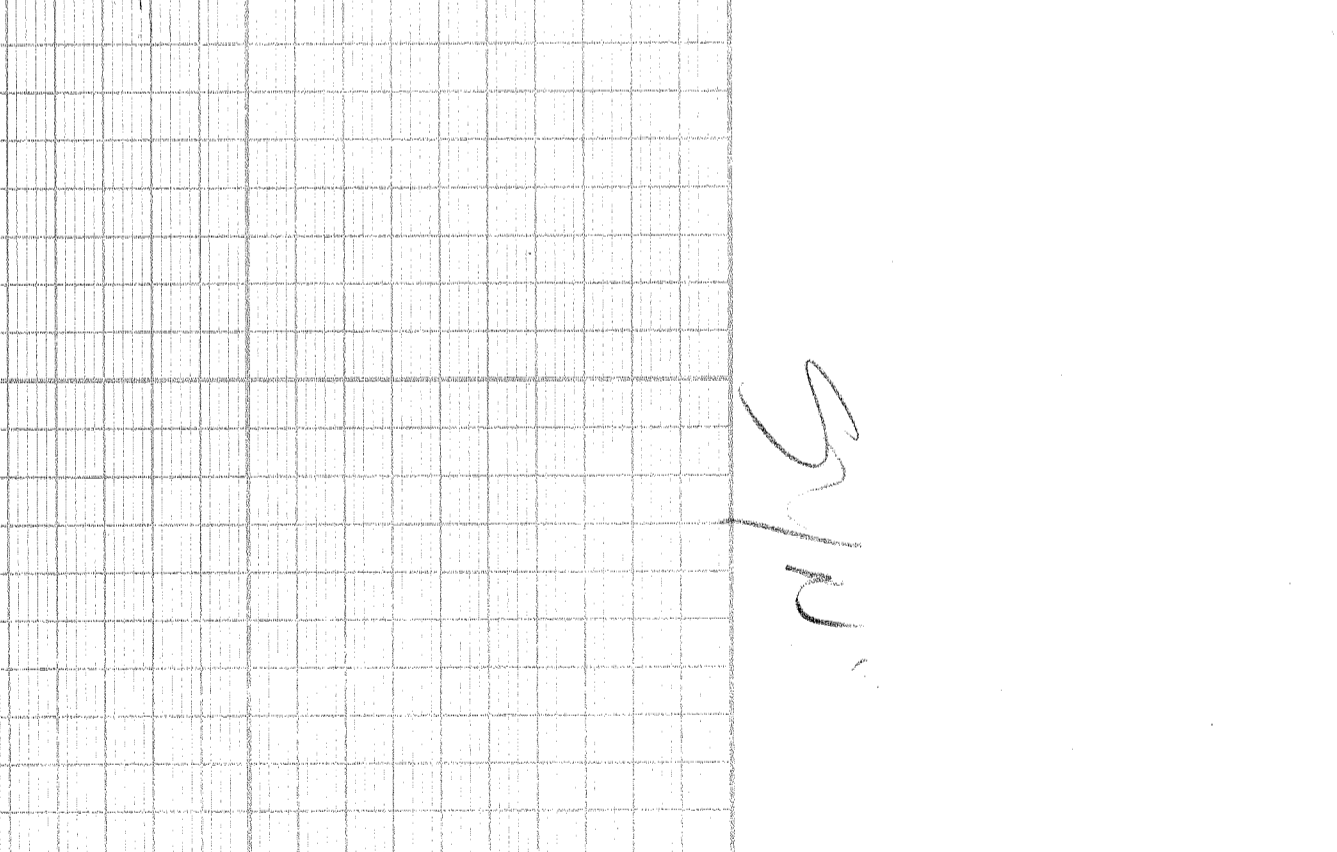
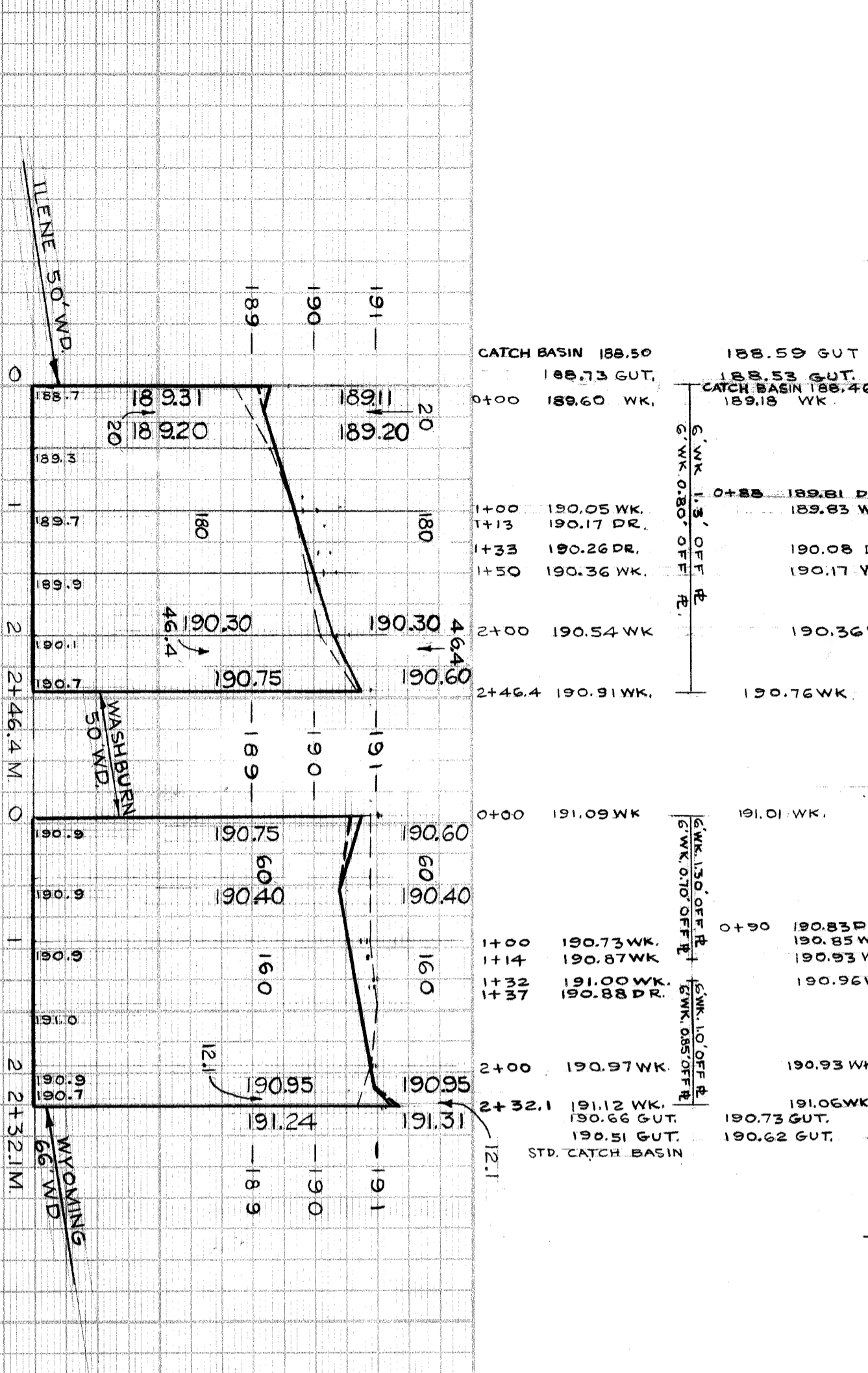
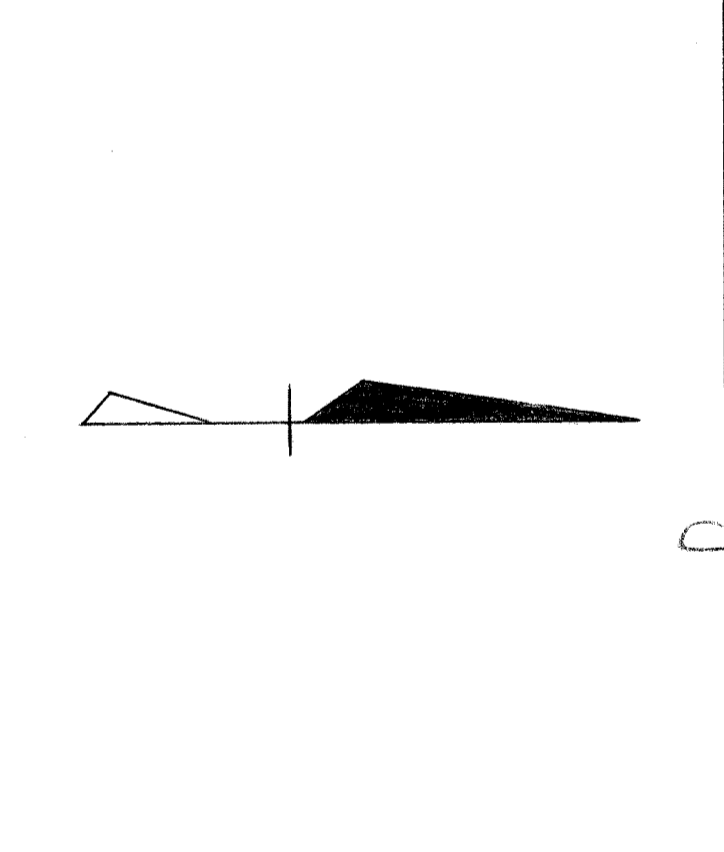
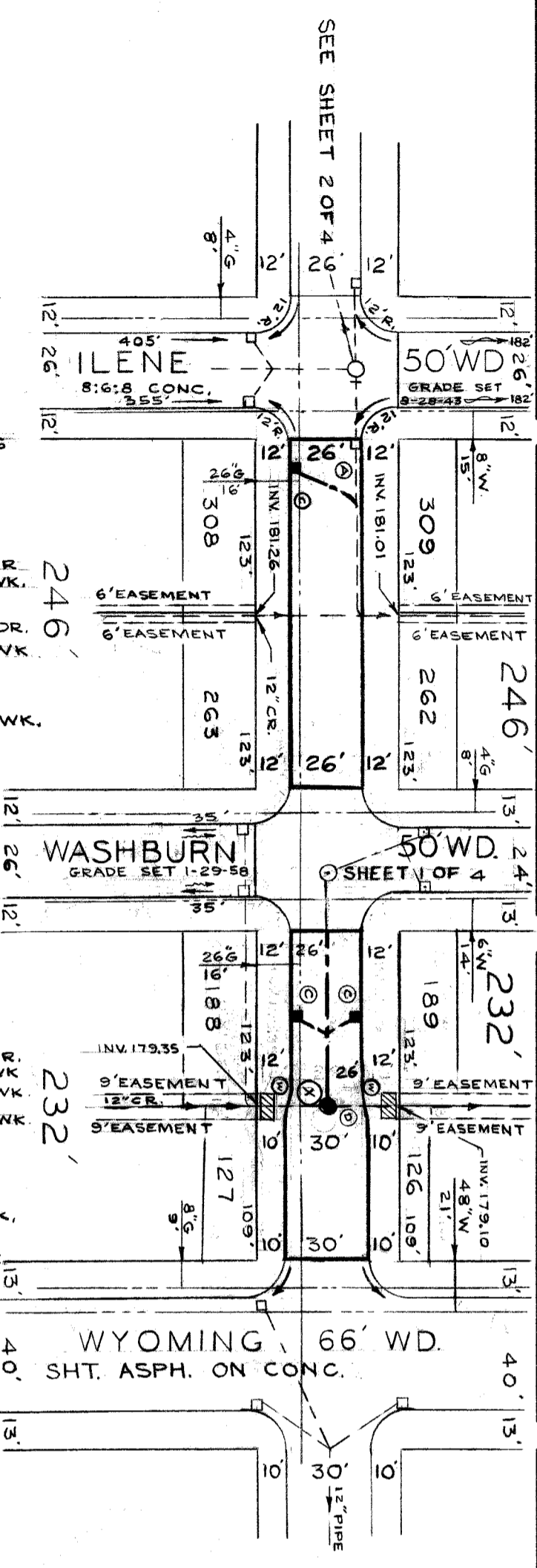
QUANTITIES	ESTIMATED
EXCAVATION CU.YDS.	LOTS CITY
PAYMENT REMOVAL SQ.YDS.	
CURB REMOVAL LFT.	
FILL TYPE A	
ADJUST MANHOLES RE-CONSTRUCT CODE	
MANHOLES NEW	
CATCH BASIN ADJUST	
CATCH BASIN STD. AND NEW	
5" ST. PIPE LFT.	
PAVING SQ.YDS.	

QUANTITIES	ESTIMATED
PAVING SQ.YDS.	LOTS CITY
PAVING UNIF. SQ.YDS.	
CURB TYPE II LFT.	
TEST CORES EACH	
SIDEWALK 4" STANDARD ST. FT.	
CONCRETE DRIVE IN TOTAL SQ. FT.	
2" REBAR 4" x 12" DIA.	
3" REBAR 4" x 12" DIA.	
TREE REMOVAL 1 1/2" - 1 1/2" DIA.	

ASSIGNMENT NO.	A.O-1443
BOOK NO.	1994 Pg. 9
LEVEL	DATE 2-22-63
LOT 21	LENGTH
CITY 21	LENGTH
TOTAL	LENGTH
DATE OF DRAW'G.	4-5-63
DRAINAGE COMPLETED	C.C. 2-25-64
PAVING COMPLETED	

MADE BY	JKK	CHECKED BY	W.L.T.
PROFILE	JKK	W.L.T.	
GRADE	JKK	M.J.K.	
SEWER APPROVED	W.L.T.	W.L.T.	
ESTIMATE	E.C.M.	W.L.T.	
FINAL CHECK	W.L.T.	W.L.T.	
APPROVED			
ENGINEER OF STREETS			
ASS'T CITY ENGINEER			
CITY ENGINEER			

INDEX NO.	61
TPO NO.	88
INDEXED	
DEPARTMENT OF PUBLIC WORKS-CITY ENGINEERS OFFICE	
EIGHT MILE-WYOMING CONSERVATION PROJECT MICH. R-19	
NAME OF STREET	CHIPPewa
FROM	E.P.L. OF ILENE
TO	W.P.L. OF WYOMING
SHEET 3	
OF 4	
SHEETS	



HORIZONTAL CONTROL CURVES CUT IN WALK S'N. OF S' E AT RETURNS
 DETAIL (X)

PLBM # 88-254 NW. COR. WYOMING & PEMBROKE 191.974
 C.B.M. HYD. N.E. COR. CHIPPEWA & WASHBURN 193.90
 C.B.M. HYD. N.E. COR. CHIPPEWA & ILENE 192.38
 PLBM # 88-253 S.E. COR. WYOMING & 8 MI. 184.369

NOTE - FOR SYMBOLS (X) ETC., SEE STANDARD DETAIL DRAWING C-4378

PET. NO. _____ BY _____ DATE _____

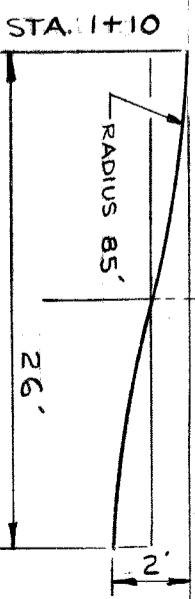
BENCH MARKS ELEV.

5/10

CURVE (X) DATA

P(OFFSET) = 2 FT. TANGENT = 6.54 FT.
 L(LENGTH) = 26 FT. ARC LENGTH = 13.05 FT.
 RADIUS = 85 FT. SEGMENTAL AREA 1.11 SFT.

$\Delta = 8^\circ 47' 51''$
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 TANGENT = 6.54 FT.
 ARC LENGTH = 13.05 FT.
 SEGMENTAL AREA 1.11 SFT.



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