190 1/2 AVENUE

STRAIGHT LINE CUT, TACK & MATCH EXISTING BITUMINOUS

END CONCRETE CURB & GUTTER WITH 2' TAPER SECTION

15" RCP APRON W/9 SF RIP RAP INV. 961.55

MH#6A

GRADE TO DAYLIGHT (INCIDENTAL)

32'-15" RCP CL III @ 1.09% (INCL FES.) INV. 961.53

DELETED
INSTALL 70'-24" CMP W/2 APRONS & 15SF RIP RAP @ EACH APRON INV. TO BE DETERMINED IN FIELD

EXISTING 12" CMP
INV. 956.90

18" FLARED END SECTION W/ 9 SF RIP RAP
INV. ~~947.00~~ 942.88

~~150~~'-18" RCP CL III @ ~~8.20%~~ 5.30%
155 (INCL. FES)

MH#8
GL ~~938.49~~ 938.47
INV. ~~934.70~~ 934.67

MH#7
GL ~~938.49~~ 938.38

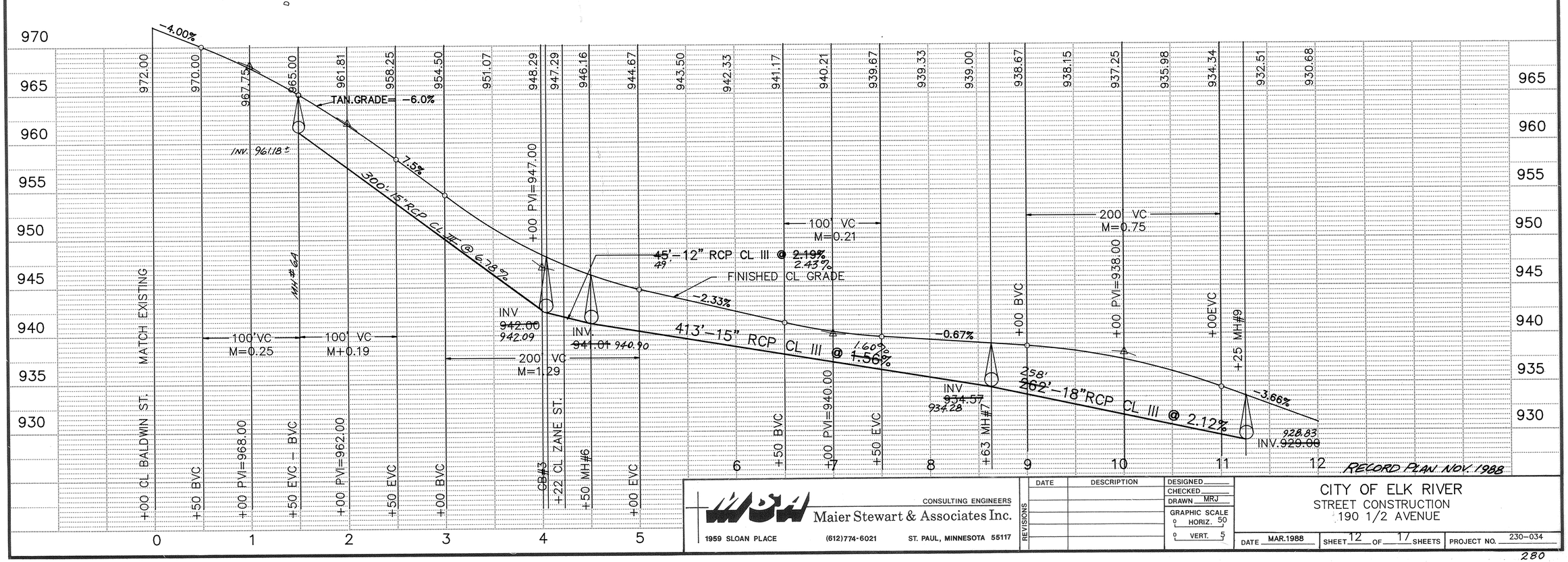
~~32~~'-18" RCP CL III @ ~~0.40%~~ 1.39%
28'

MH#9
GL ~~933.00~~ 932.93

MH#6
GL. ~~945.74~~ 945.70

CB#3
946.79 GL. ~~946.57~~
942.09 INV. ~~942.00~~

BALDWIN STREET
Existing Bit
DEERFIELD 3RD ADDITION
PLAT BOUNDARY
BLOCK 1
BLOCK 2
BLOCK 3
ZANE STREET
XAVER STREET
SEE SHEET #10
SEE SHEET #11



CONSULTING ENGINEERS	Maier Stewart & Associates Inc.
1959 SLOAN PLACE	(612)774-6021 ST. PAUL, MINNESOTA 55117

REVISIONS	DATE	DESCRIPTION

DESIGNED
CHECKED
DRAWN MRJ
GRAPHIC SCALE
HORIZ. 50
VERT. 5

CITY OF ELK RIVER
STREET CONSTRUCTION
190 1/2 AVENUE

DATE MAR.1988 | SHEET 12 OF 17 SHEETS | PROJECT NO. 230-034

280

DRAWING NUMBER

DRAWING NUMBER
ROYAL 88
12

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