

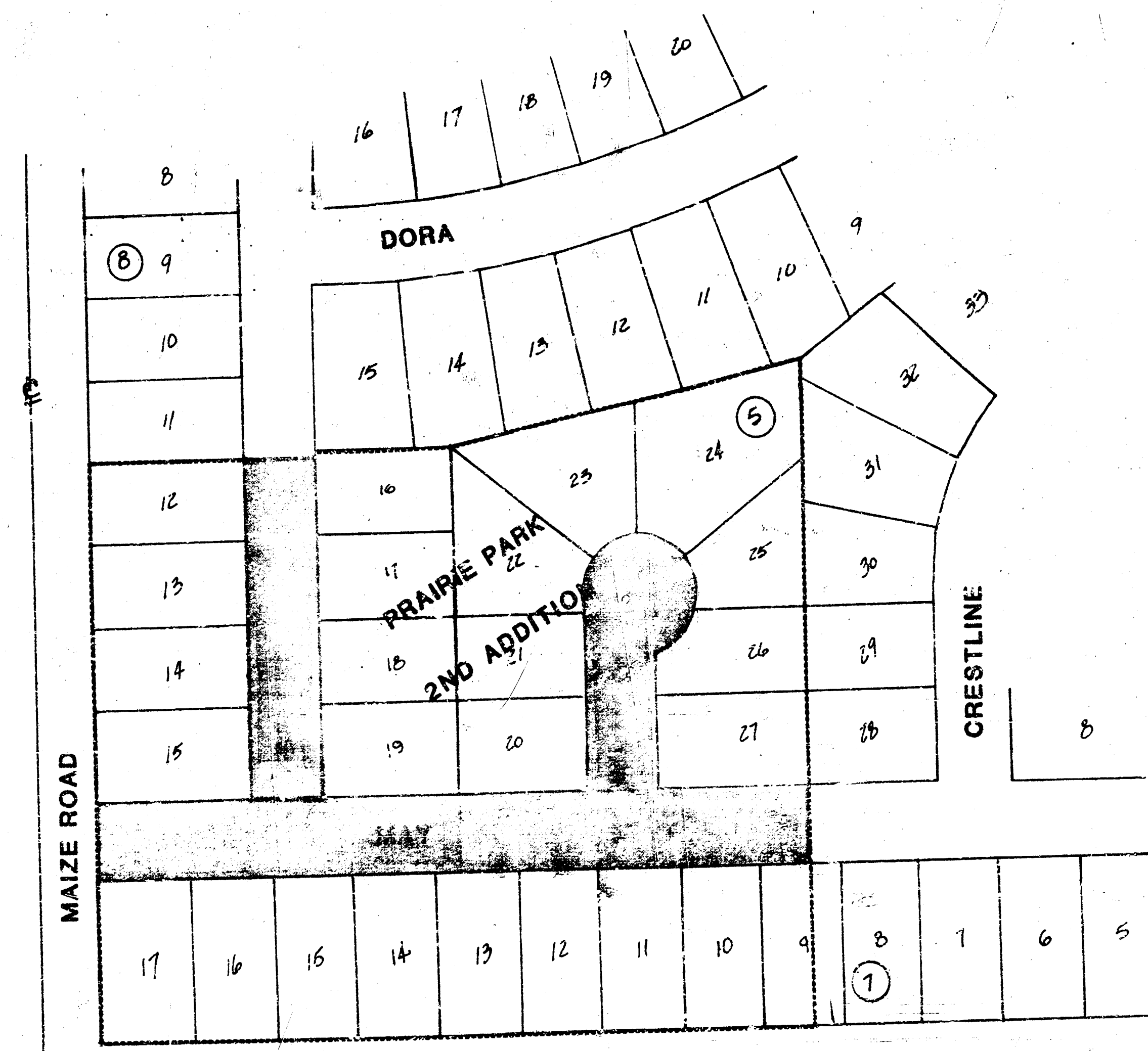
STREET IMPROVEMENTS FOR PRAIRIE PARK 2ND ADDITION

DENENE - FROM THE N.L. OF MAY TO THE S.L. OF LOT 11, BLOCK 8
MAY - FROM E.L. OF MAIZE ROAD TO THE W.L. LOT 28, BLOCK 3
MAY COURT - IN BLK. 5- FROM THE N.L. OF MAY TO AND INCL. CUL-DE-SAC

PROJECT NO.
472-76-245-81054-000-000-001

INDEX

- | | |
|-------|---------------------------|
| 1 | TITLE SHEET |
| 2 | 22' B.B. PAVEMENT TYPICAL |
| 3 | 35' B.B. PAVEMENT TYPICAL |
| 4-7 | STREET PLANS |
| 8-9 | INCIDENTAL DRAINAGE PLANS |
| 10 | TYPE 1A INLET DETAIL |
| 11-15 | EARTHWORK QUANTITIES |



GENERAL NOTES

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 professional engineer in accordance with state laws.

Street pavement widths in this project shall be as follows:
MAY - 28' Fc.-Fc. A.C. Pavement w. Roll Curb & Gtr.
DENENE - 34' Fc.-Fc. A.C. Pavement w. Std. Curb & Gtr.
MAY CT. - 28' Fc.-Fc. A.C. Pavement w. Roll Curb & Gtr.
All street Right of Ways are 64' widths.

Ac driveways shall be constructed on this project.

All transition sections of combined curb & gutter between full height standard and roll type are to be bid and paid for as L.F. Roll Type Combined Curb & Gutter.

Ditching shall be constructed at the east end of May to drain the pavement and shall be considered as incidental to the project.

The Engineer shall approve the amount of Fence and Tree Row to be removed for the storm sewer line. Only the minimum amount shall be removed.

Contractor is to contact the necessary utility companies for location of any underground lines they may have in the vicinity of the construction.

CITY OF WICHITA, KANSAS
MIKE E. LINDEBAK CITY ENGINEER



PROJECT BENCH MARKS

- #1 City Disc. Center of Medial Strip on U.S. 54 and 40 feet ENE of Center Line Maize Road. Elev. = 106.97 City Datum
- #2 R.R. Spike 1/2 mile side of Power pole, 80 feet N of SW Corner, Lot 15, Block 8, Prairie Park 2nd Addition. Elev. = 140.65 City Datum

September 1984

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7371 • 330 LAUREL • WICHITA, KANSAS 67211

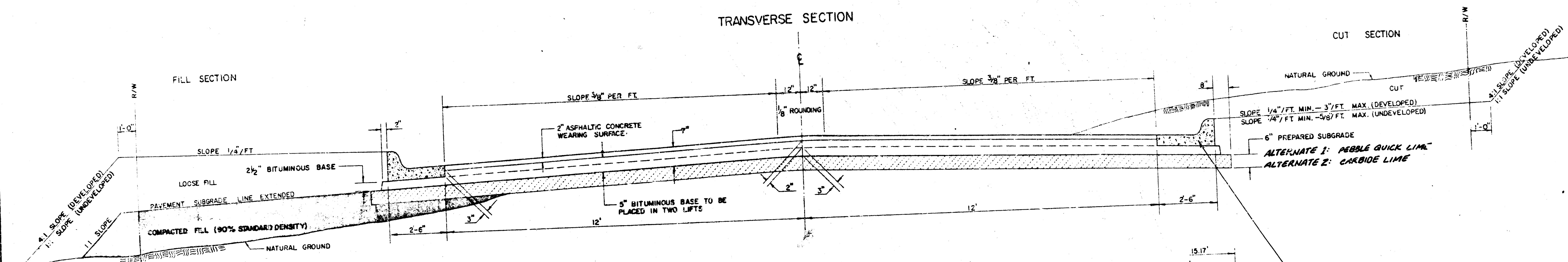
FILMED FROM THE BEST

TYPICAL 29' PAVEMENT DETAILS

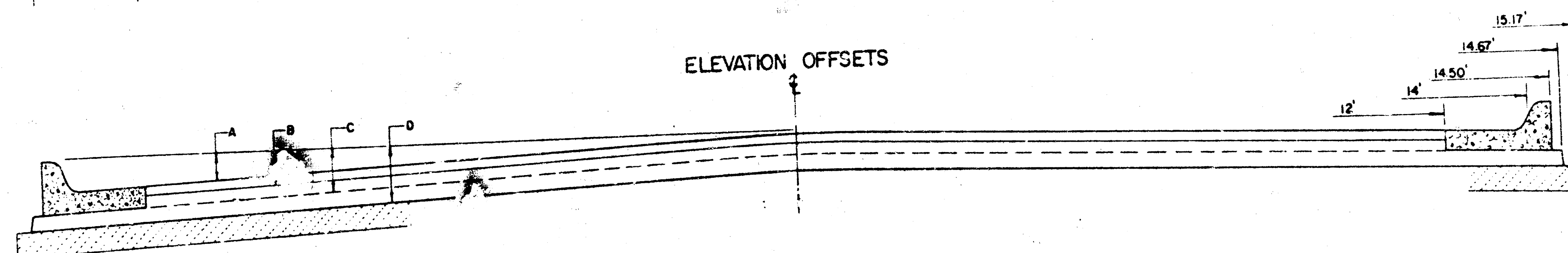
MAY & MAY COURT

TRANSVERSE SECTION

CUT SECTION

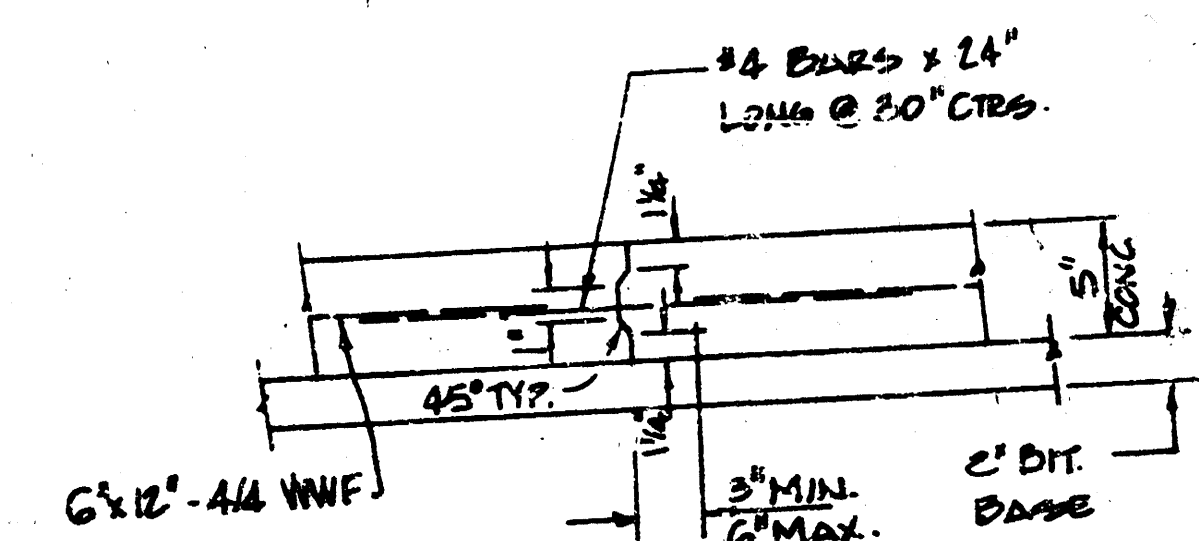


ELEVATION OFFSETS



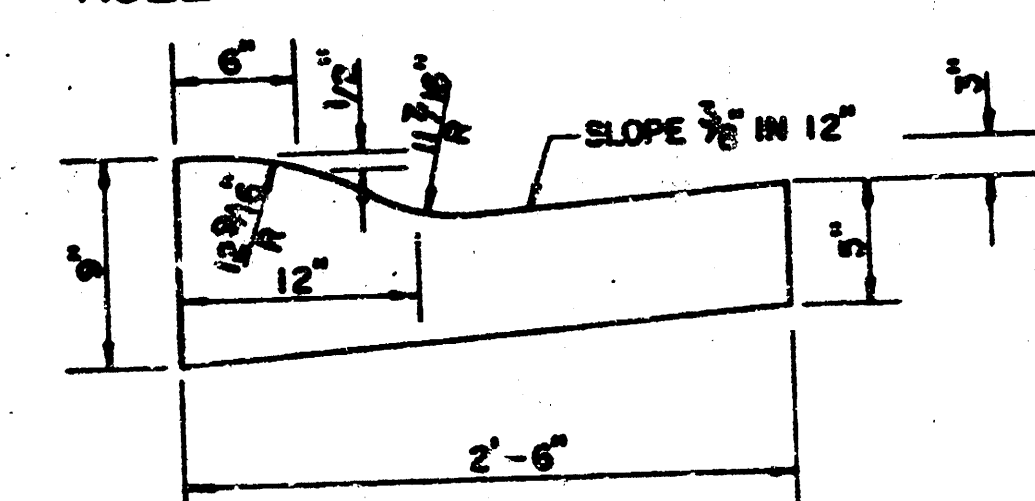
Note - Roll Type Combined Curb and Gutter is to be constructed on May and May Court in the place of the Standard height Curb and Gutter section indicated here, except at the intersections. Standard height Monolithic Curb is to be constructed at the intersections.

LONGITUDINAL CONSTRUCTION JOINT FOR CONCRETE VALLEY GUTTER



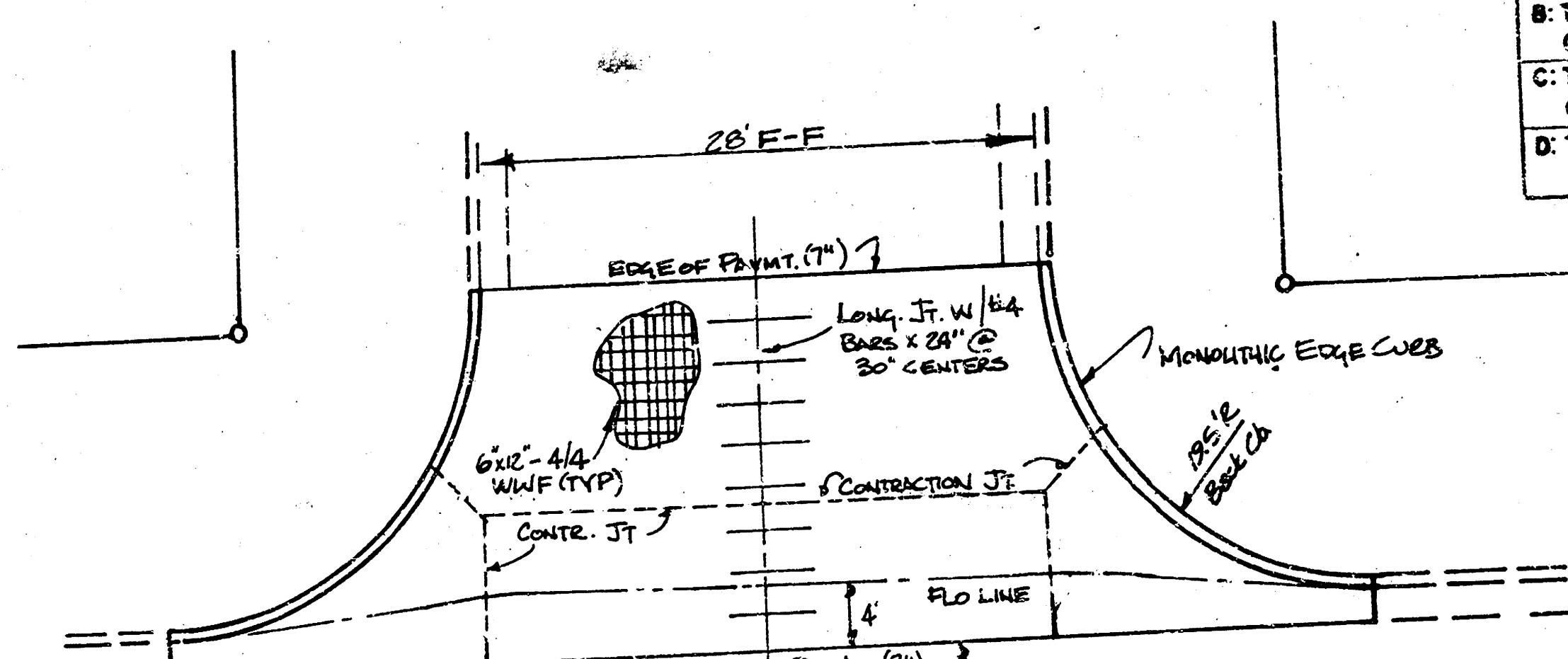
	0'	2'	4'	6'	8'	10'	12'	14'	14.5'	14.67'	15.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.13	0.16	0.24	0.30	0.33	0.36	0.43	0.49	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.47	0.52	0.60	0.68	0.71	0.75	0.83	0.90	0.98	1.00	1.01
D: TOP OF CURBS TO TOP OF SUBGRADE	0.72	0.77	0.84	0.91	0.94	0.98	1.05	1.12	1.19	1.21	1.23

ROLL TYPE COMBINED CURB & GUTTER



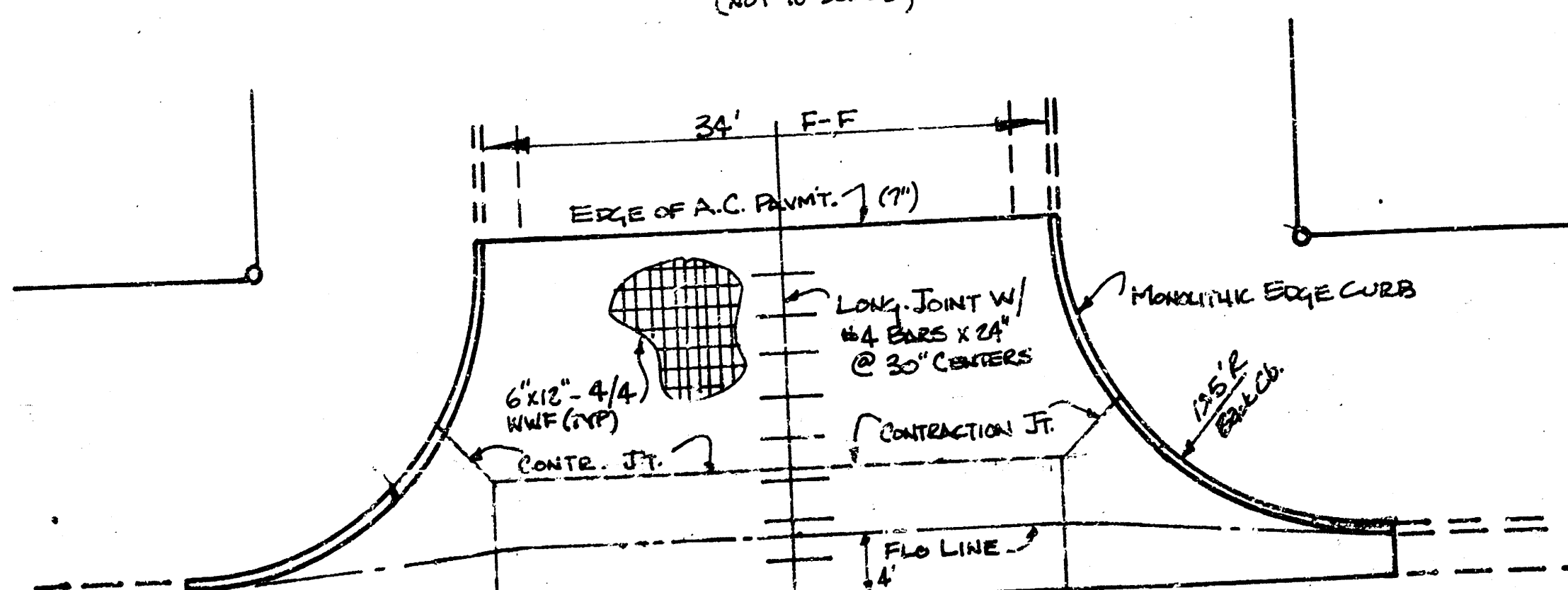
VALLEY GUTTER DETAIL MAY/MAY CT.

(NOT TO SCALE)



VALLEY GUTTER DETAIL MAY/DENENE

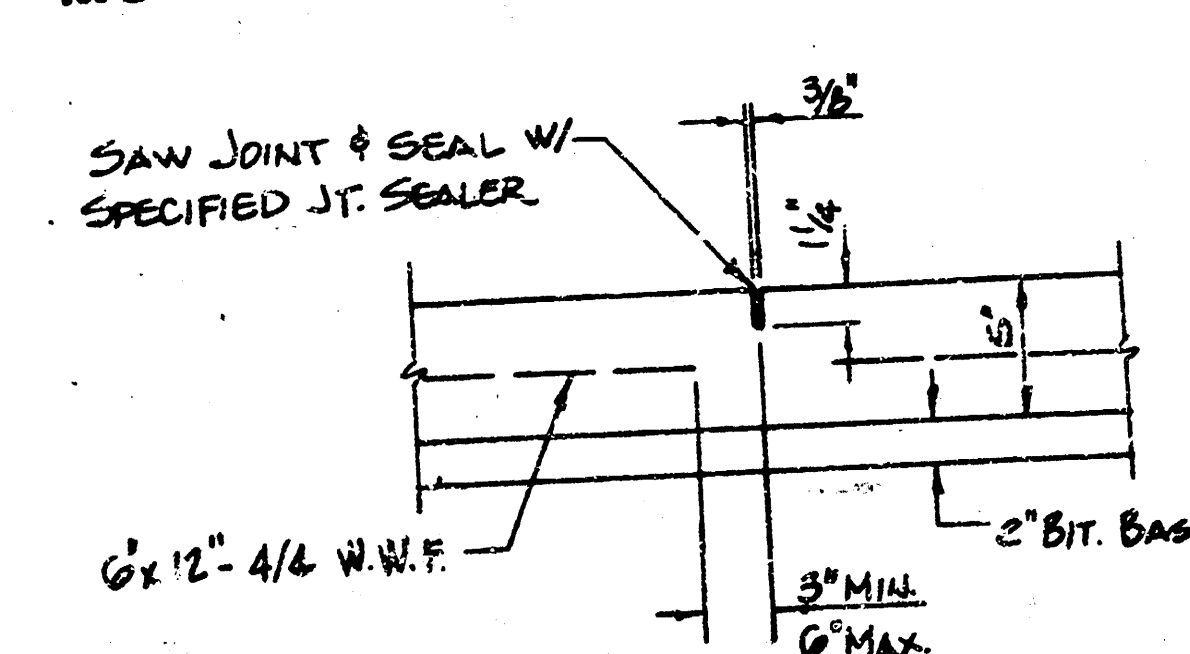
(NOT TO SCALE)



GENERAL NOTES

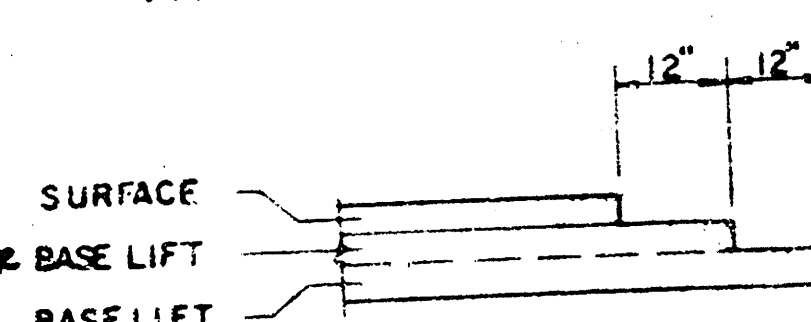
- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.
- 6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

MONOLITHIC CURB



CONTRACTION JOINT FOR CONCRETE VALLEY GUTTER

TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS AS SHOWN BY THE DETAIL. THE COST OF CONSTRUCTION JOINTS SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

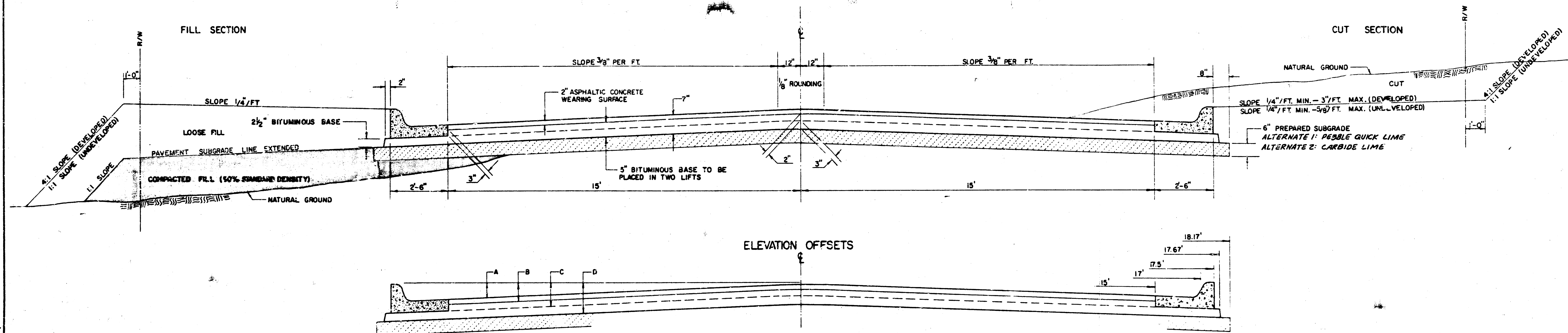
7 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS

PROJECT NUMBER
472-76-245-81054-000-000-001

TYPICAL 35' PAVEMENT DETAILS

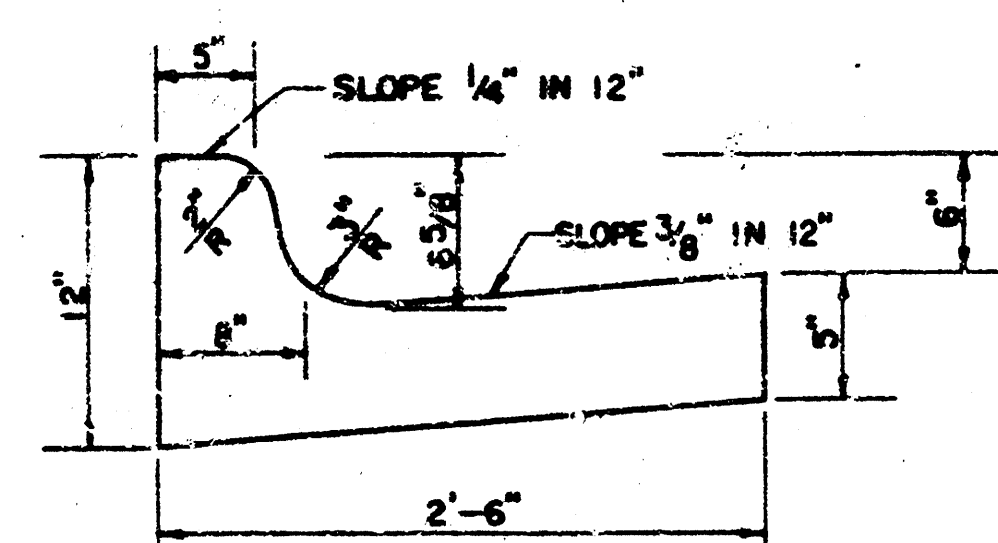
DENENE

TRANSVERSE SECTION



	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	8.5'	10'	12'	14'	15'	17'	17.5'	17.67'	18.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.04	0.08	0.14	0.21	0.29	0.33	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.21	0.25	0.31	0.37	0.45	0.50	0.56	0.62	0.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.37	0.43	0.50	0.57	0.67	0.72	0.79	0.87	0.90	0.98	1.00	1.00	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.62	0.67	0.74	0.81	0.90	0.95	1.02	1.08	1.12	1.19	1.21	1.21	1.23

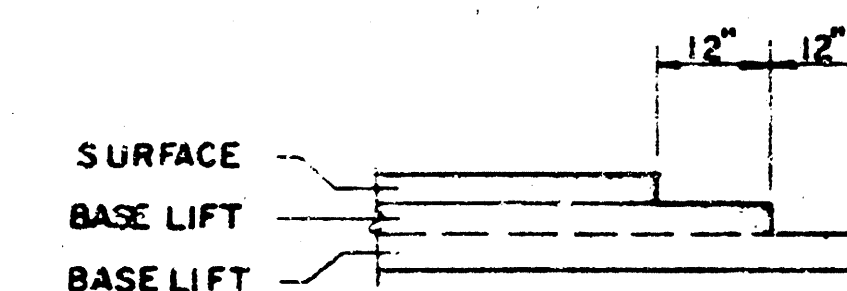
COMBINED CURB & GUTTER



GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.
- 6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINING EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAILS. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

7 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS

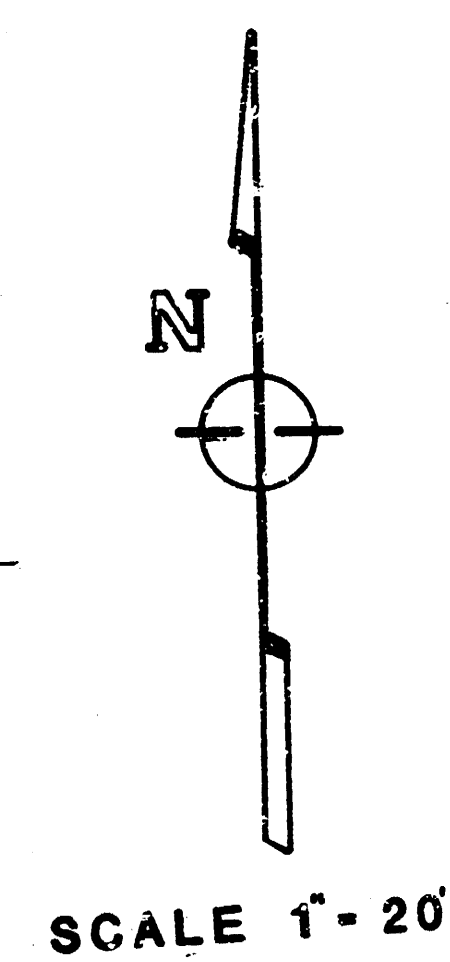
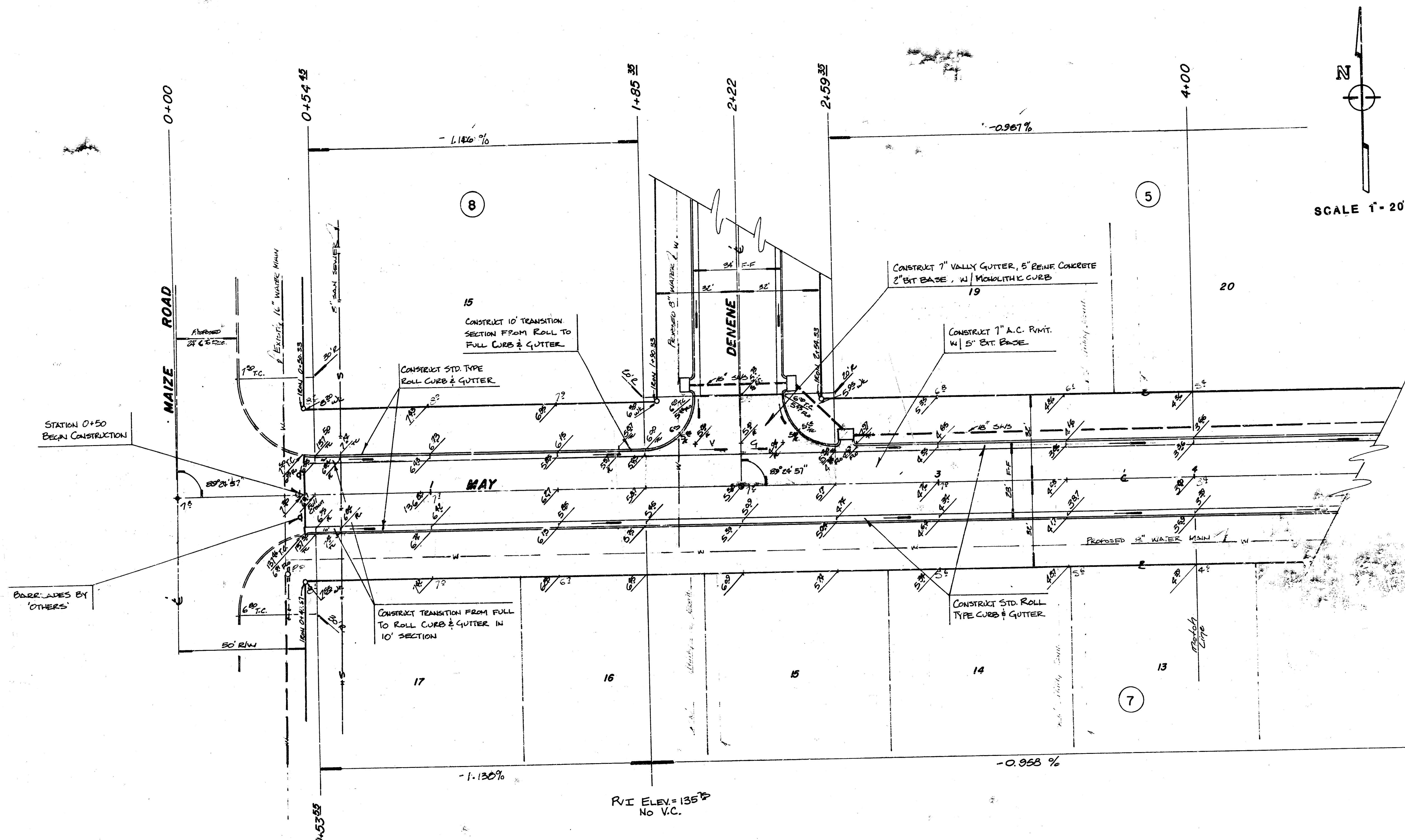
PROJECT NUMBER
472-76-245-81064-000-000-001

8/15

FILED FROM THE BEST

BENCH MARK: CITY DISC, CENTER OF MEDICAL
STRIP ON U.S. 54 & 40' ENE OF & MAIZE RD.
ELEV. = 136.91 CITY DATUM

R.R. SPIKE IN NE SIDE OF POWER POLE, 20' N.
OF SW CORNER LOT 15, BLOCK B FENZIE
PARK 2ND ADDN. ELEV. = 146.5 CITY DATUM



SYMBOLS

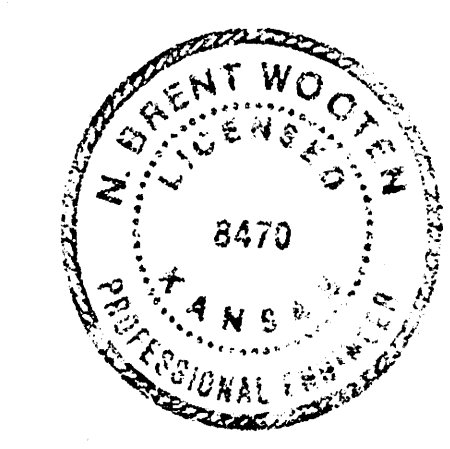
	Indicates Water lines proposed
	Indicates Sanitary Sewer Lines
	Indicates Storm Sewer Lines
	Indicates Irons
	Indicates Lot Lines
	Indicates Tree Box & Fence Removal

EARTHWORK QUANTITIES

EXCAVATION = 3564.8 CY	COMPACTED FILL = 21.6 CY
+ 10 % = 356.5 CY	+ 10 % = 2.2 CY
TOTAL = 3921.3 CY	TOTAL = 23.8 CY
SUBGRADE MANIPULATION = 4296 SY	

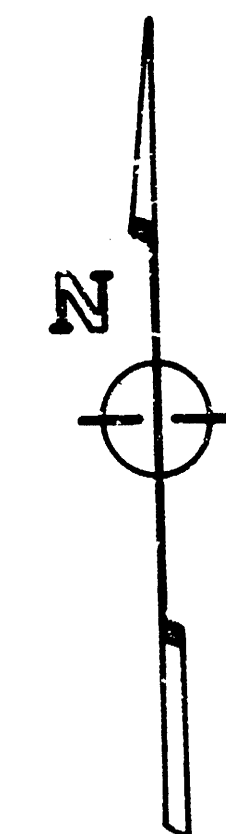
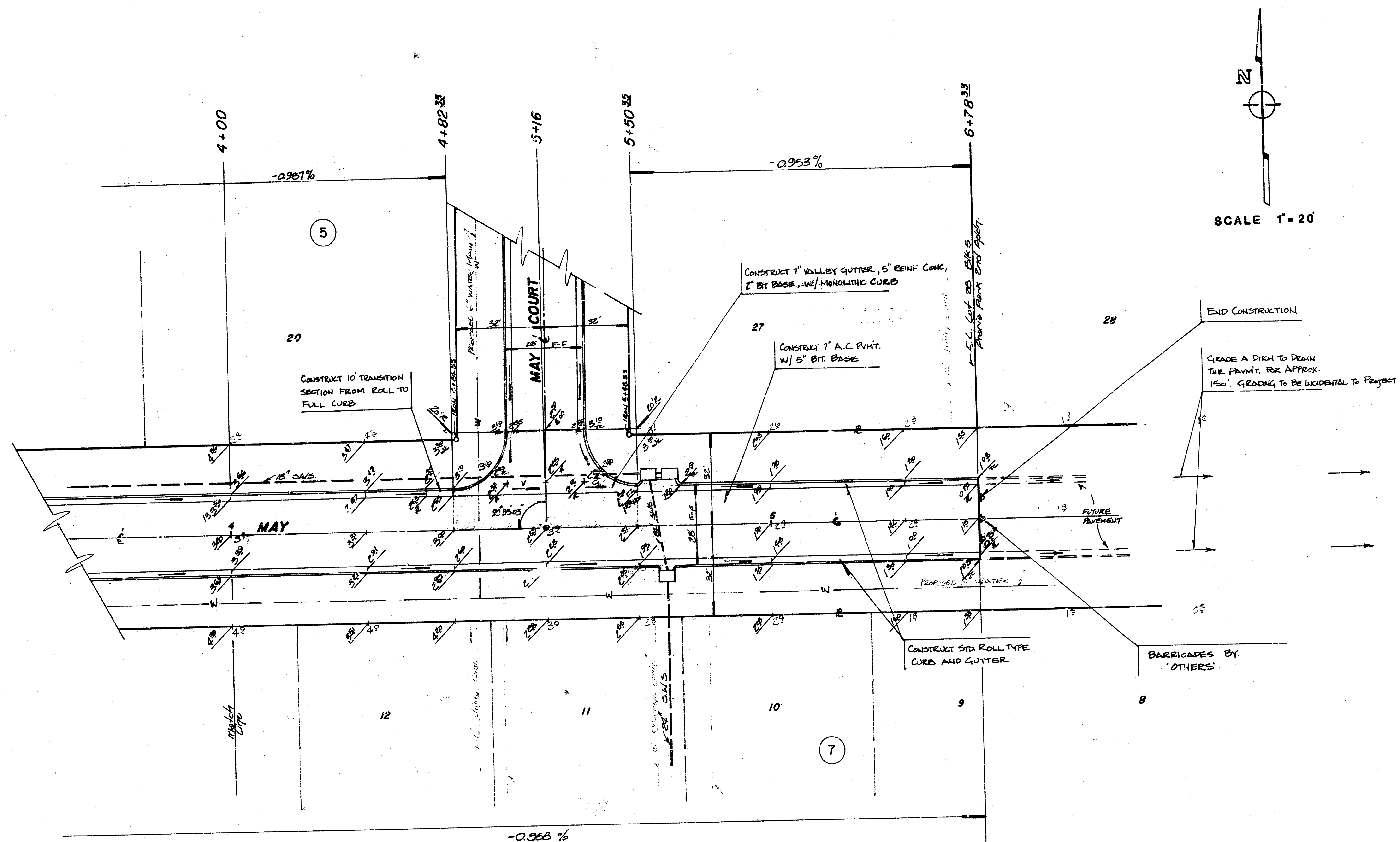
INTERSECTION QUANTITIES

32.1 S.Y.	Concrete Pavement
32.1 S.Y.	7" Asphaltic Conc. Pavement (5" Bituminous Base)
S.Y.	Bituminous Base
L.F.	Combined Curb & Gutter
66.2 L.F.	Monolithic Edge Curb
S.F.	4" Wheelchair Ramp
S.F.	4" Walk
C.Y.	Excavation
C.Y.	Compacted Fill
Lbs.	Reinforcing Steel
217 S.Y.	Manipulation
	Tons Lime or Cement
14.5 S.Y.	V.G. 5" Concrete & 2" Asphaltic Concrete Base



BENCH MARK: CITY DISK, CENTER OF MEDIAL STRIP ON U.S. 54 & 40' ENE OF E. MAIER RD. ELEV. = 136.97 CITY DATUM

R.R. SPIKE IN N.E. SIDE OF POWER POLE, 80' N. OF SW. CORNER LOT 15, BLOCK 8, PRAIRIE PARK 2ND ADDN. ELEV. = 140.65 CITY DATUM



SCALE 1" = 20'

INTERSECTION QUANTITIES	
— S.Y. —	Concrete Pavement
20.7 S.Y. 1"	Asphaltic Conc. Pavement (.5" Bituminous Base)
— S.Y. —	Bituminous Base
— L.F. —	Combined Curb & Gutter
62.2 L.F.	Monolithic Edge Curb
— S.F. —	4" Wheelchair Ramp
— S.F. —	4" Walk
— C.Y. —	Excavation
— C.Y. —	Compacted Fill
— Lbs. —	Reinforcing Steel
25.5 S.Y.	Manipulation
— Tons —	Lime or Cement
20.2 S.Y. V.G.	Concrete & 2" Asphalt's Concrete Base

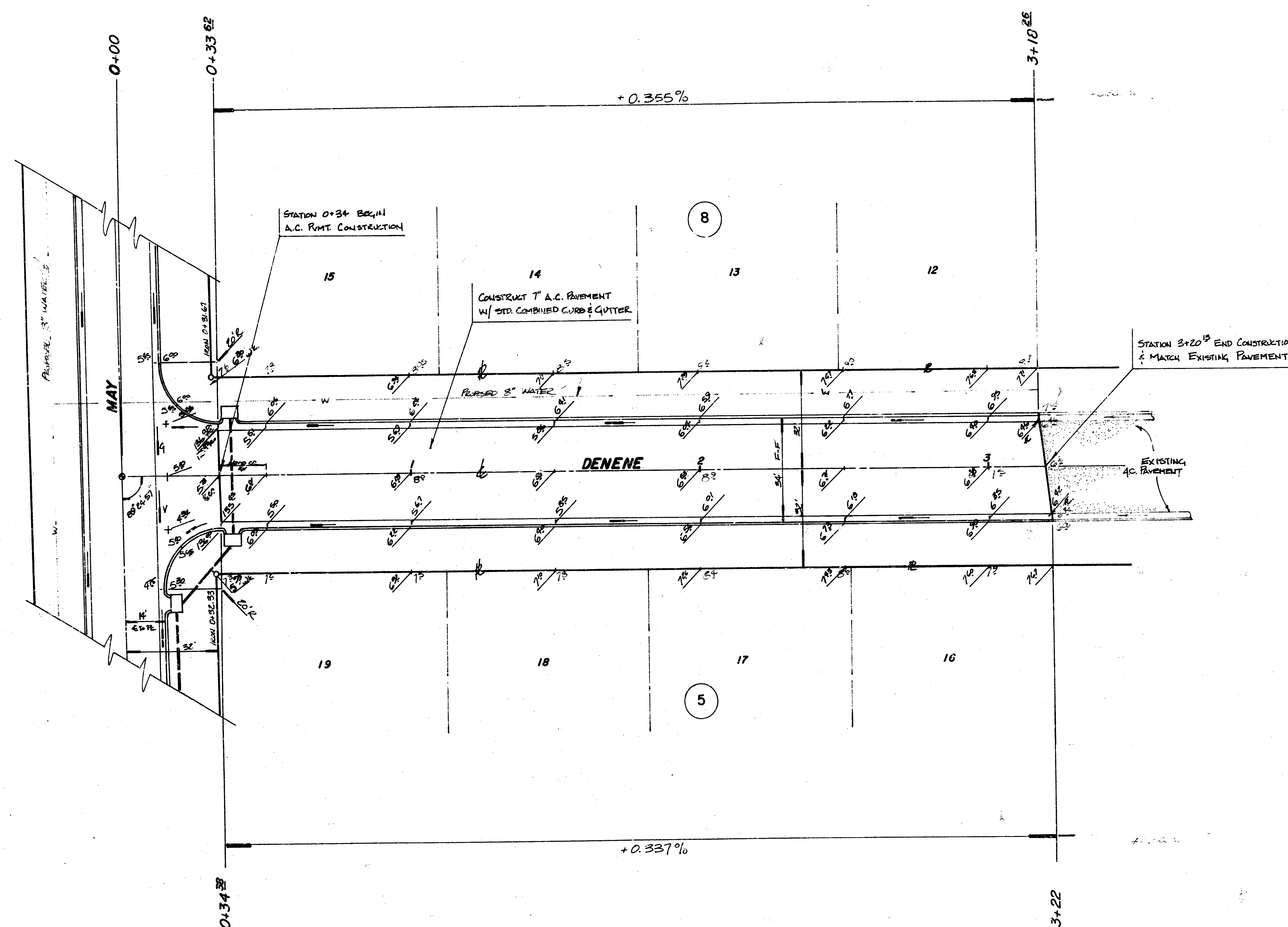
MAY

5/15

25

PROJ. NO. 472-26-245-81054-000-000-001

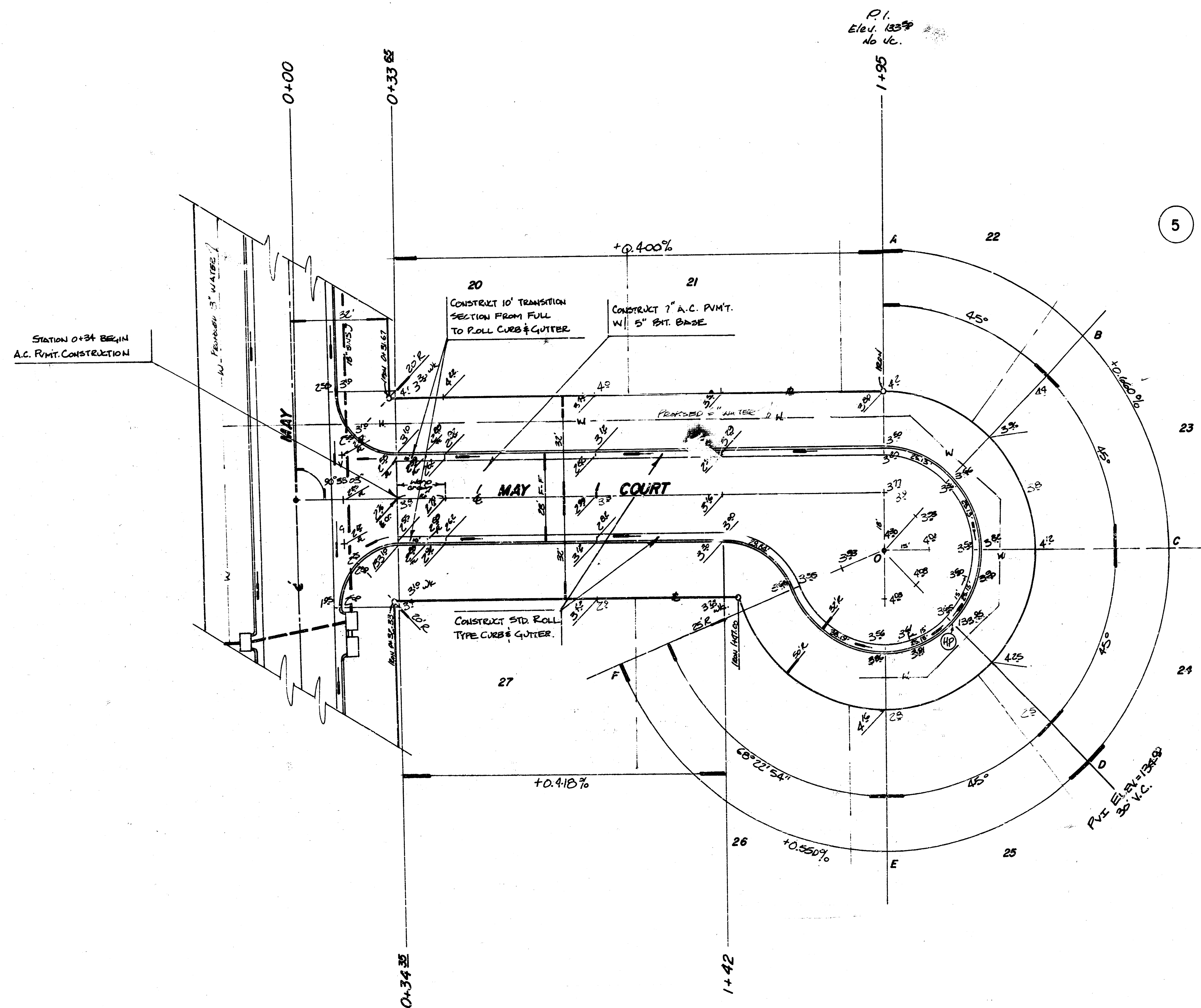
R.R. SNAKE IN N.E. SIDE POWER POLE, 30 N.
OF SW CORNER LOT 15, BLOCK 8 PRAIRIE PARK
2ND ADDN. ELEV = 140.65 CITY DATUM -



PROJ. NO. 472-76-245-81054-000-000-001

FILMED FROM THE BEST

R.R. SNAKE IN N.E. SIDE OF POWER POLE, 80' N.
OF SW CORNER LOT 15, BLK 8 PRAIRIE PARK
2ND ADDN. ELEV= 140.65 CITY DATUM.

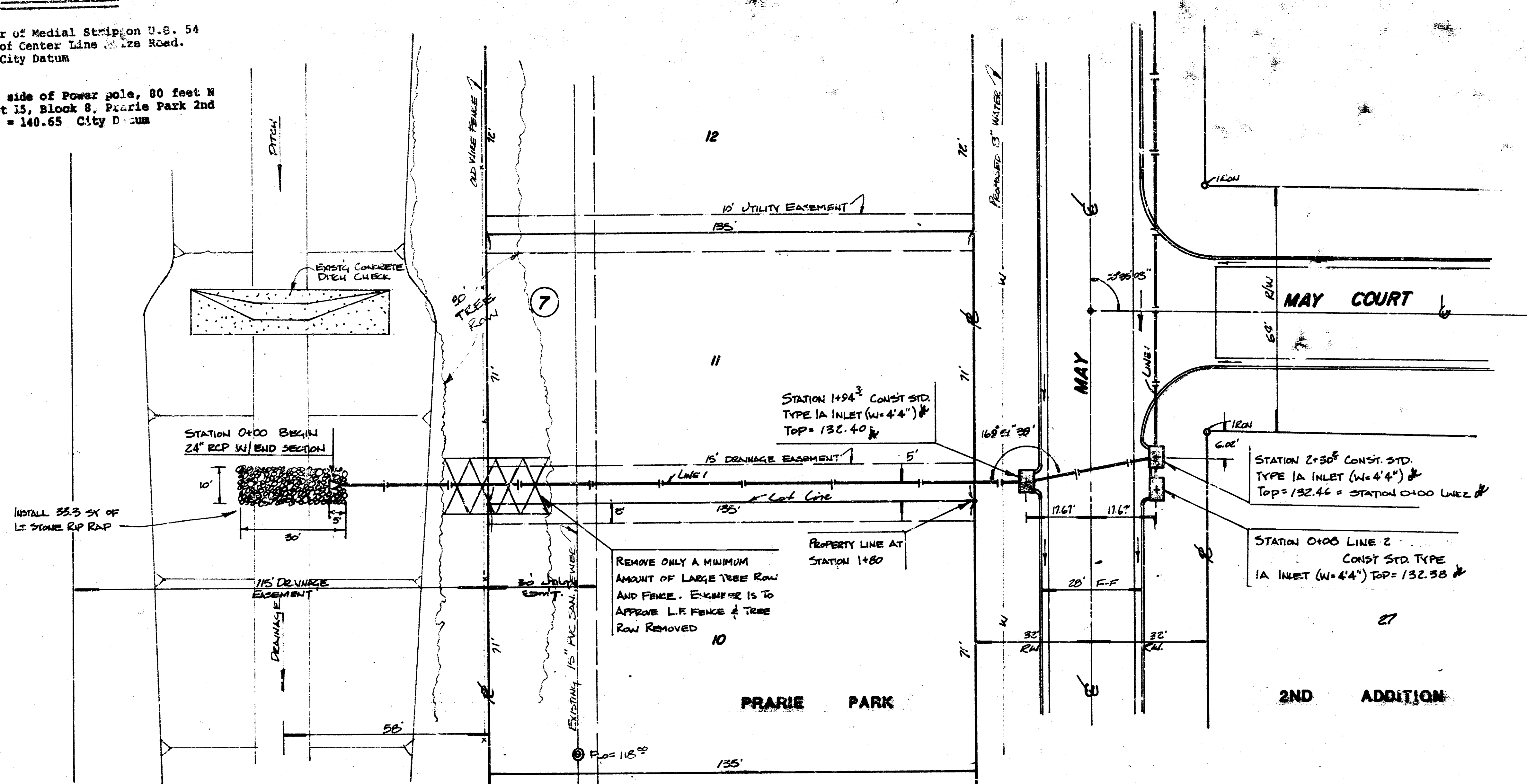


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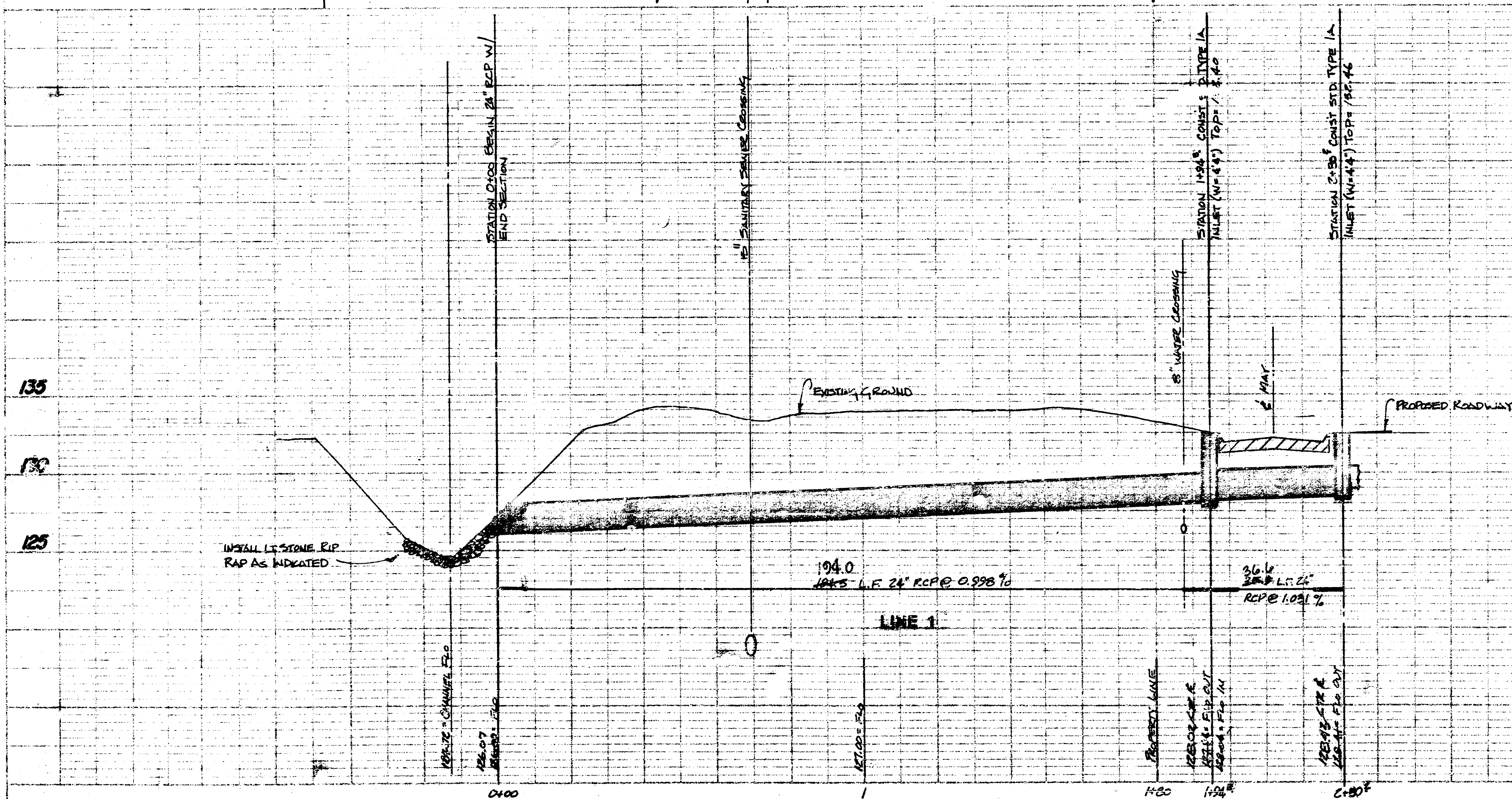
PROJECT BENCH MARKS

- #1 City Disc, Center of Medial Strip on U.S. 54 and 40 feet ENE of Center Line of 2nd Road. Elev. = 136.97 City Datum
- #2 R.R. Spike in NE side of Power pole, 80 feet N of SW Corner, Lot 15, Block 8, Prairie Park 2nd Addition. Elev. = 140.65 City Datum

N
SCALE 1" = 20' HORIZ
1" = 5' VERT



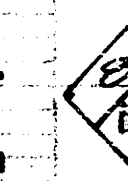
As BUILT
5-25-85
GREENE

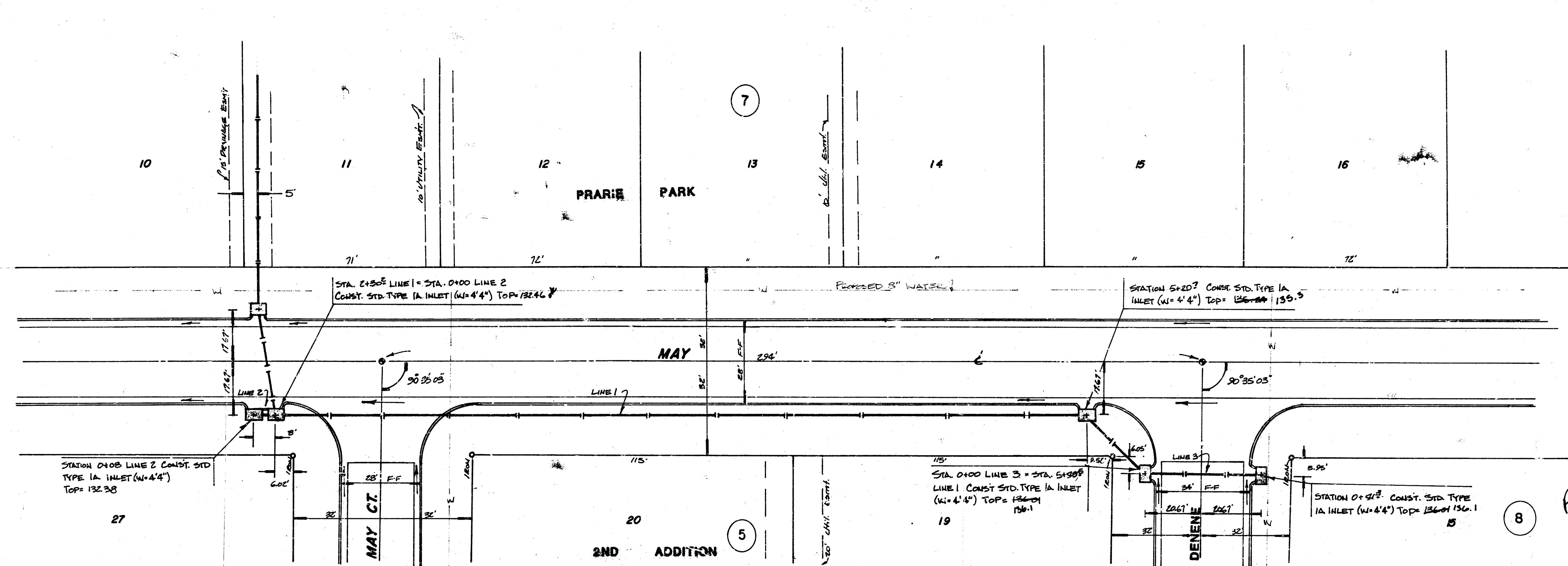


INCIDENTAL DRAINAGE FOR STREETS IN PRAIRIE PARK 2nd ADDITION

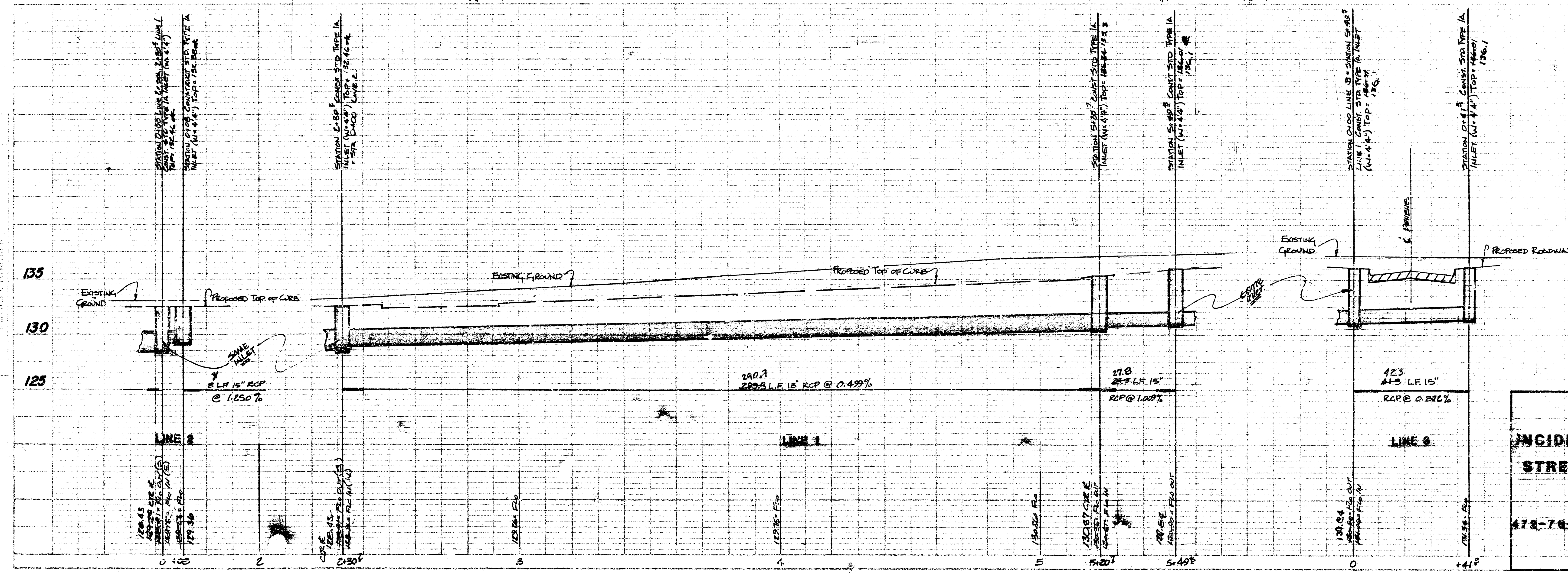
PROJ. NO. 472-79-245-01064-000-000-001

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
314/762-7271 • 330 LAUR • WICHITA, KANSAS 67211

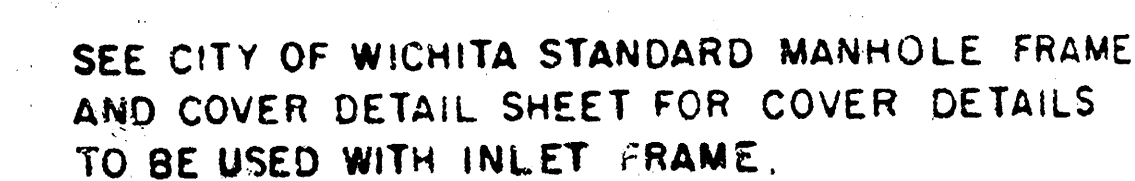
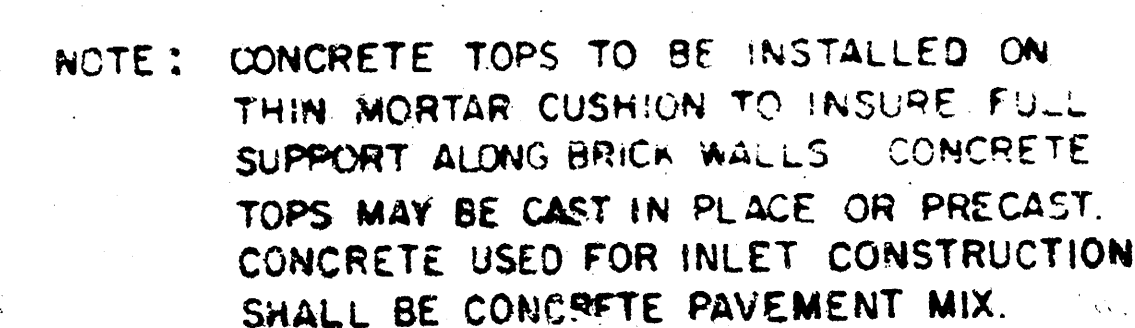
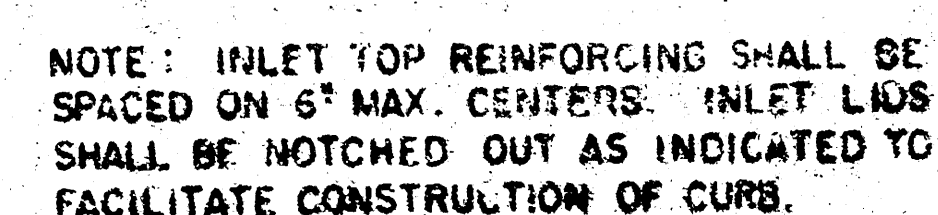




AS BUILT
5-23-85
GREENE



INCIDENTAL DRAINAGE FOR
STREETS IN PRAIRIE PARK
2ND ADDITION
PROJ. NO.
472-70-243-01064-000-000-003



* NOTE : c_3 BARS TO BE PLACED APPROX 2" BELOW TOP OF INLET COVER

TOP OF INLET SAME ELEV.
AS TOP OF STD CURB



JUNE 1984

646.30 CY
EXC

C = 12.1

3+00

40.5

151.50 CY
EXC

C = 11.2

2+59

31.25

155.80 CY
EXC

C = 10.5

2+22

36.65

172.4 CY
EXC

C = 10.2

1+88

35.35

125.7 CY
EXC

C = 6.0

1+50

50.2

238.9 CY
EXC

C = 6.0

1+00

113.0 CY
EXC

C = 2.0

0+50

Excavate
14' x 12' x 10' (BEG. CONST. @ 0+50)

0+00

MAX

EXC. = 1103.6 CY

20 30 40

20

10

0

10

20

30

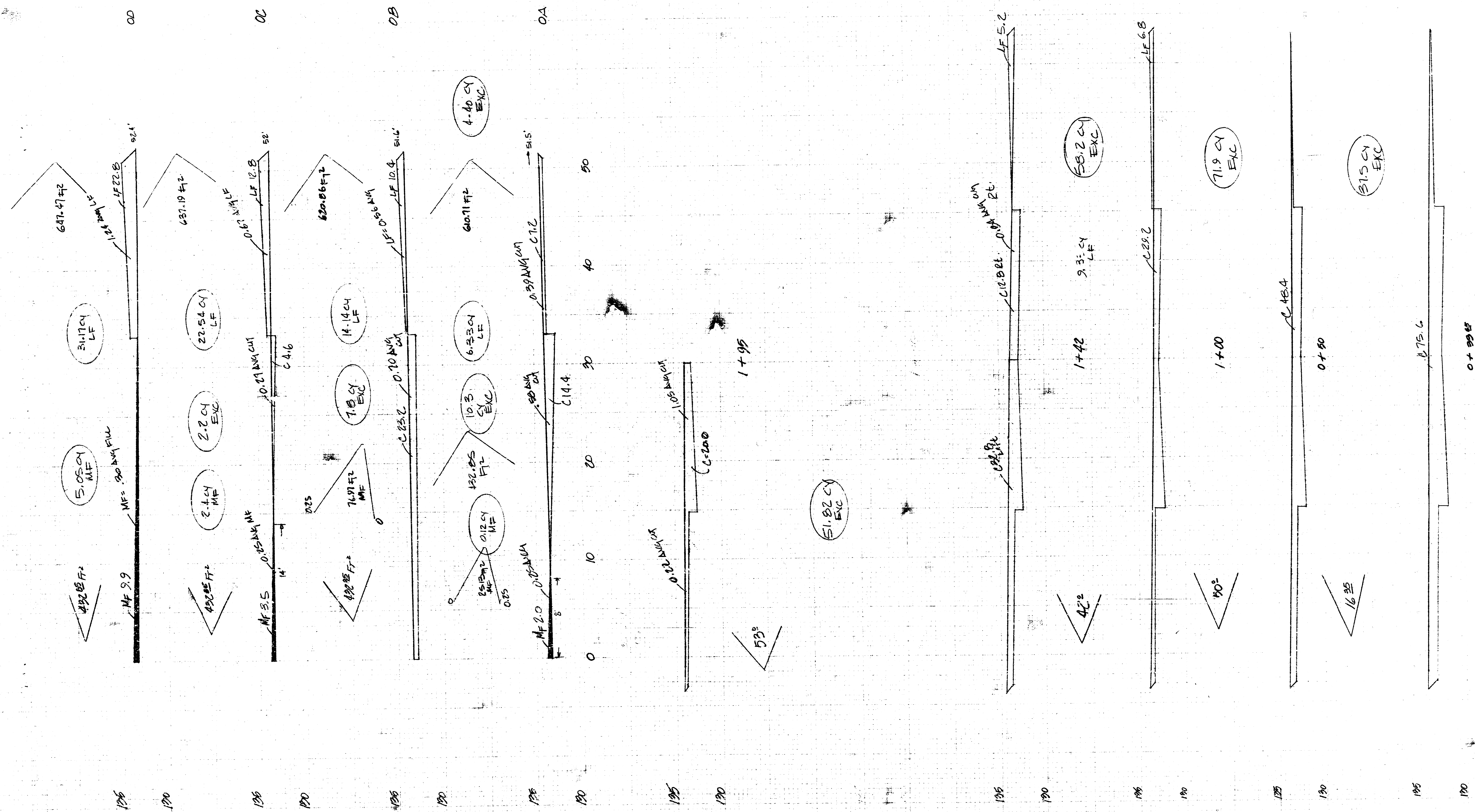
EXCAVATION = 3564.8 CY

EARTHWORK X-SECS
MAX ST.

1/15

1/15

FILED FROM THE BEST



W.C. 244.1 cy

20

10

0

10

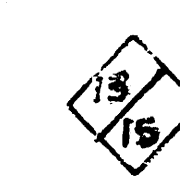
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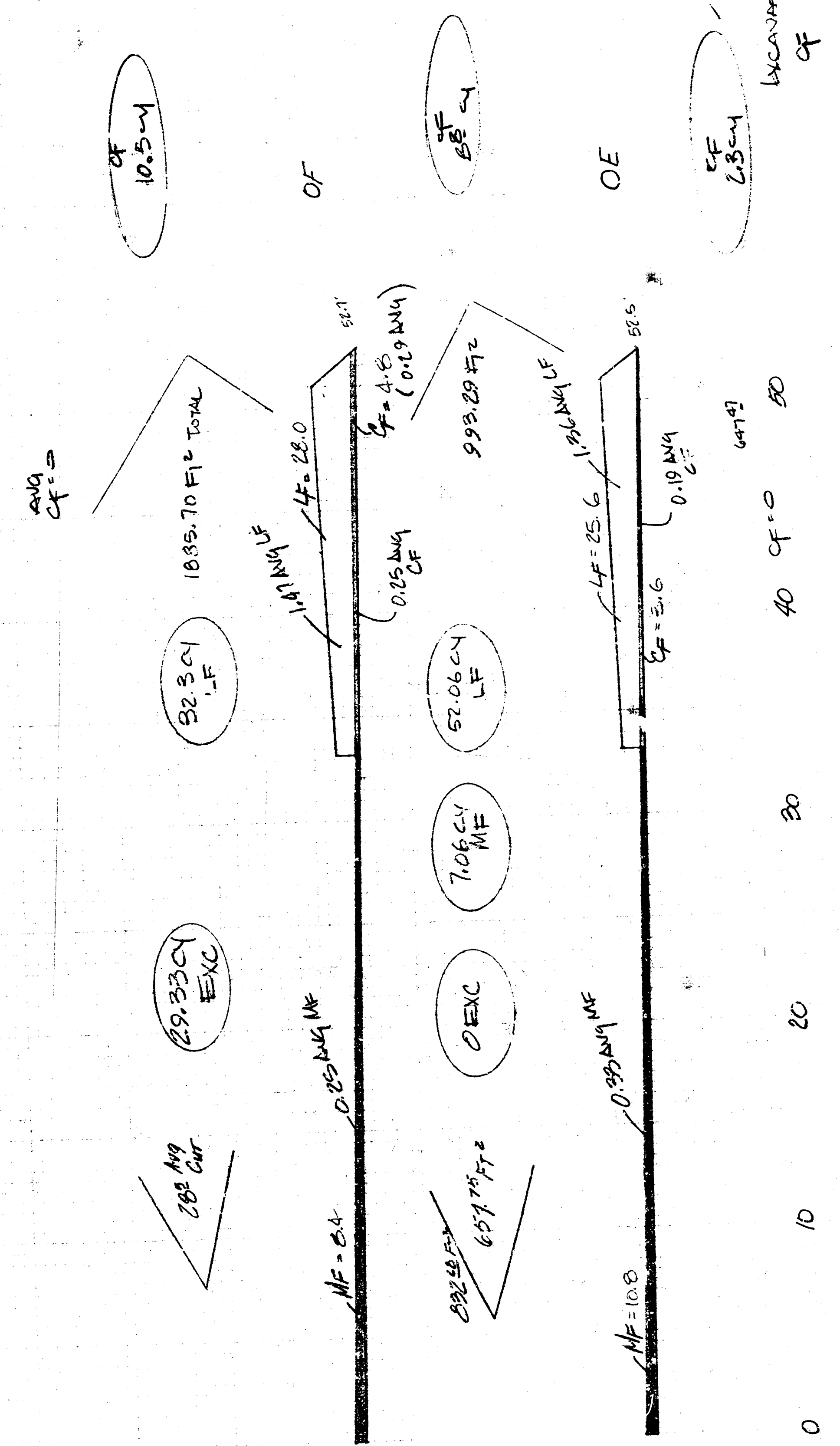
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MAX CT.

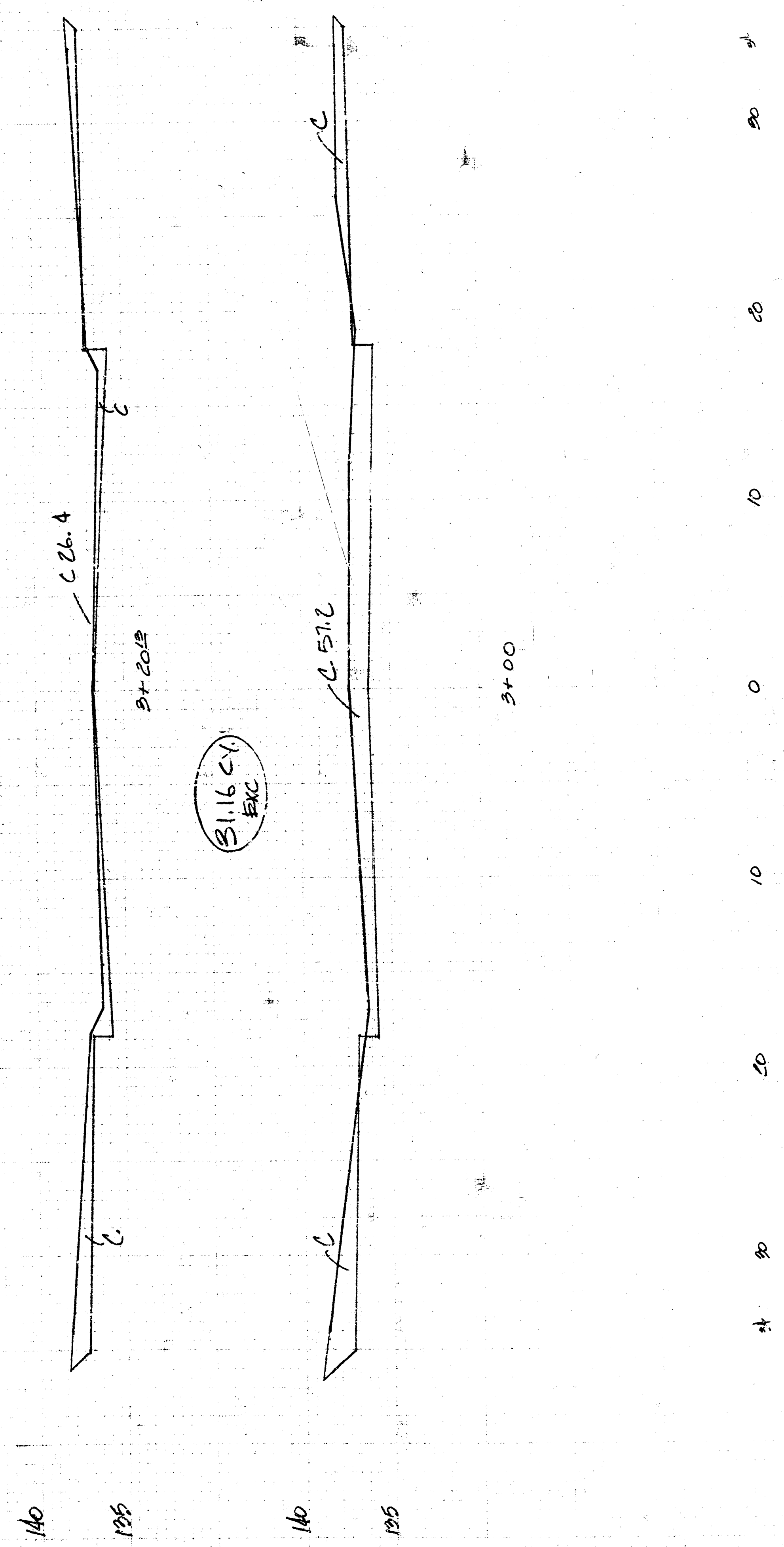
EARTHWORK 2005
MAX CT.

13/15





14/15



31.16 CY
EXC