STREET IMPROVEMENTS

FOR

YOSEMITE DRIVE

From the west line of Yellowstone to the west line of Lot 20, Block 5, THE PARK ADDITION

PROJECT NUMBER

472-76-245-81600-000-000-001

GENERAL NOTES

1. Utility service lines, poles, valve boxes, meters, and etcetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

2. Limits of earthwork shall match existing ground elevations at the right-of-way line unless otherwise noted on the plans with a new finished grade elevation. When a new finished grade elevation is shown, the earthwork shall extend one foot beyond the right-of-way line and then sloped up or down using permissable slopes to match the existing ground surface.

3. The Contractor shall be responsible for preserving property irons. The Contractor will 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.

BENCHMARKS

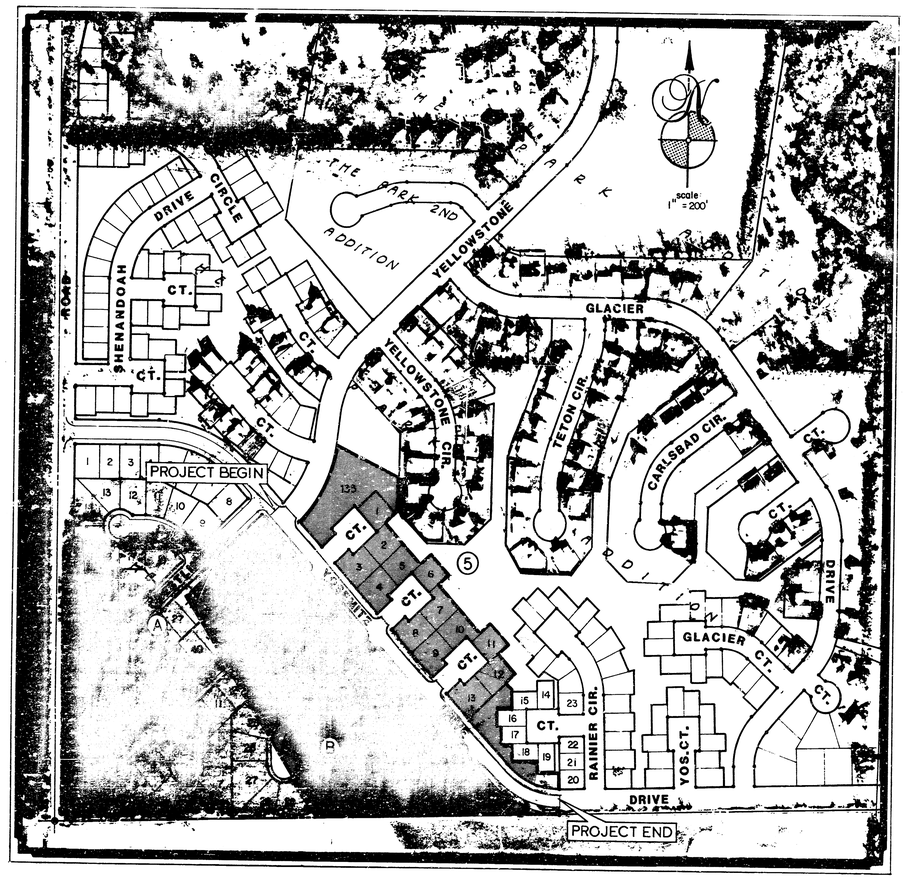
1) Square cut in top of curb, right of station 20+16.62
Elevation = 135.15 City Datum

2) Square cut in top of curb on the south side of Yellowstone at station 8+06, 85.4 feet left (See Plan)
Elevation = 139.19 City Datum

3) Railroad spike in east side of power pole, right side of Yosemite at station 0+18.6
Elevation = 147.93 City Datum

4) City disc at Maize Road and 27th Street South, 25 feet east and 4 feet south of quarter section corner
Elevation = 145.54 City Datum

5) City disc at the SE Corner, NW 1/4 of Section 5-28-1W
Elevation = 128.38 City Datum



BENEFIT DISTRICT

THE CITY of WICHITA, KANSAS

MICHAEL E. LINDEBAK
CITY ENGINEER

INDEX of SHEETS

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TYPICAL 37' STREET SECTION.....2
PLAN SHEETS.....3-5
TYPE 'B' MANHOLE DETAIL.....6
TYPE 1A INLET DETAIL.....7
EARTHWORK SECTIONS.....8-10

N. BRENT WOOTEN LICENSED 247 KANSAS PROFESSIONAL ENGINEER

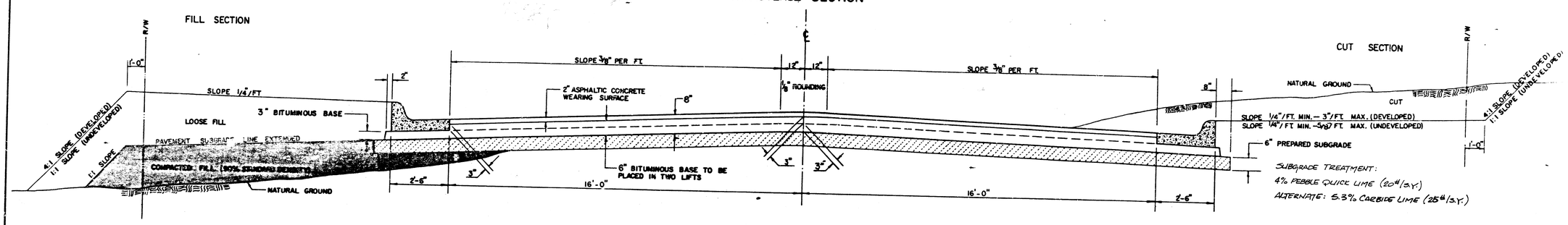
BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Design:	Drawn:	Approved:	Date:	Scale:
N.B. Wooten	R.J.P.		February, 87	1"=20'

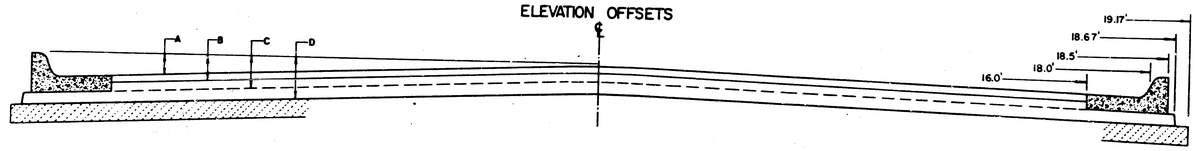
Rev. 1/10
Sheet: 1 of 10

TYPICAL 37' PAVEMENT DETAILS

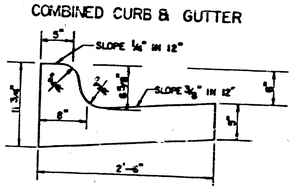
TRANSVERSE SECTION



ELEVATION OFFSETS

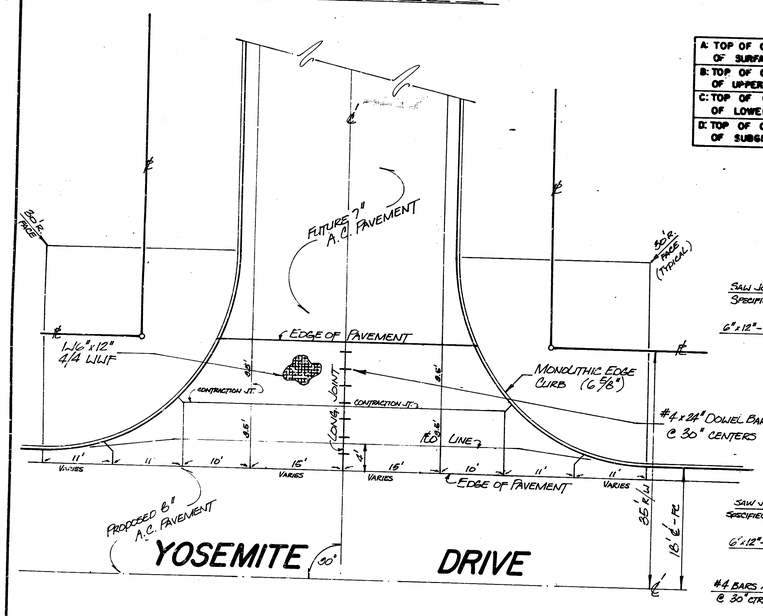


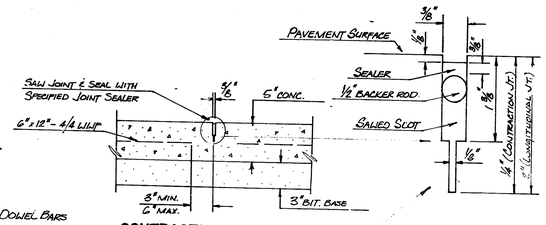
COMBINED CURB & GUTTER



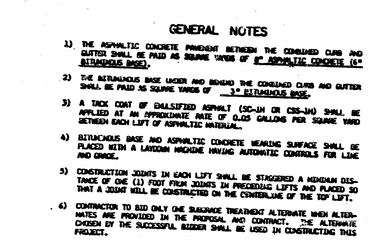
	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0	2	4	6	8	10	12	14	16	18	18.5	18.67	19.17
A: TOP OF CURBS TO TOP OF SURFACE LIFT	.01	.05	.11	.18	.24	.30	.36	.43	.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	.17	.22	.28	.34	.40	.47	.53	.59	.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	.42	.47	.53	.59	.65	.72	.78	.84	.90	.97	.98	.99	—
D: TOP OF CURBS TO TOP OF SUBGRADE "	.67	.72	.78	.84	.90	.97	1.03	1.09	1.15	1.22	1.23	1.24	1.25

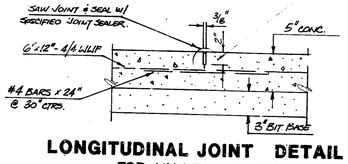
TYPICAL VALLEY GUTTER DETAIL





CONTRACTION JOINT FOR VALLEY GUTTER.





LONGITUDINAL JOINT DETAIL
FOR VALLEY GUTTER

GENERAL NOTES

1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF ___3" BITUMINOUS BASE.

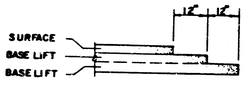
3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

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 JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 8" ASPHALTIC CONCRETE (6" BITUMINOUS BASE).

8 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 6 INCH BITUMINOUS BASE

CITY OF WICHITA, KANSAS 2

PROJECT NUMBER
472-76-245-81600-000-000-001

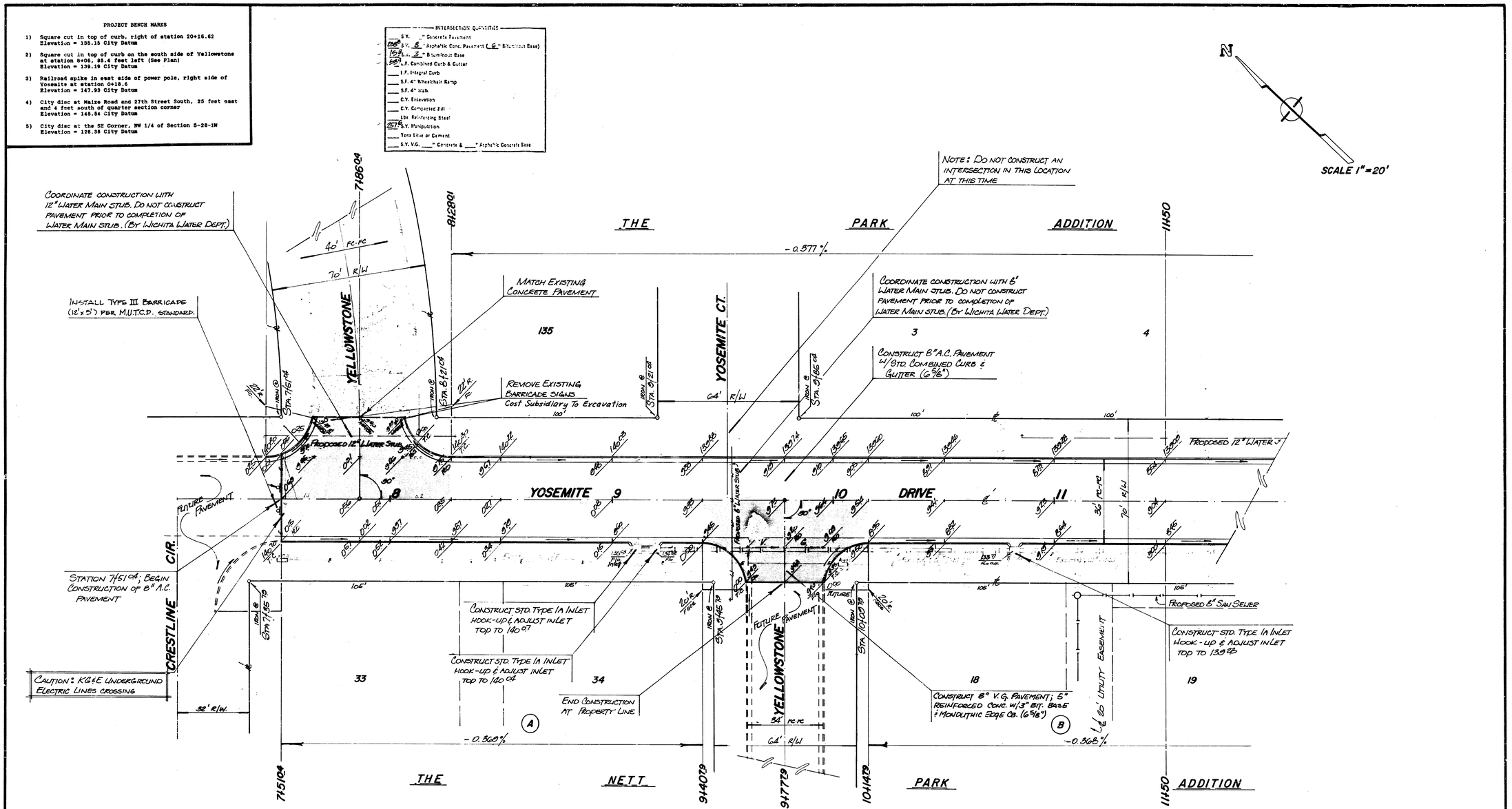
10

PROJECT BENCH MARKS

1) Square cut in top of curb, right of station 20+16.62
   Elevation = 138.15 City Datum
2) Square cut in top of curb on the south side of Yellowstone at station 8+06, 85.4 feet left (See Plan)
   Elevation = 139.19 City Datum
3) Railroad spike in east side of power pole, right side of Yosemite at station 0+18.6
   Elevation = 147.93 City Datum
4) City disc at Maize Road and 27th Street South, 25 feet east and 4 feet south of quarter section corner
   Elevation = 145.54 City Datum
5) City disc at the SE Corner, NW 1/4 of Section 5-28-1W
   Elevation = 128.38 City Datum

INTERSECTION QUANTITIES

- ___ S.Y. ___" Concrete Pavement
- 136.0 S.Y. 8 " Asphaltic Conc. Pavement (6" Bituminous Base)
- 10.5 S.Y. 3 " Bituminous Base
- 60.5 L.F. Combined Curb & Gutter
- ___ L.F. Integral Curb
- ___ S.F. 4" Wheelchair Ramp
- ___ S.F. 4" Walk
- ___ C.Y. Excavation
- ___ C.Y. Compacted Fill
- ___ Lbs. Reinforcing Steel
- 251.6 S.Y. Manipulation
- ___ Tons Lime or Cement
- ___ S.Y. V.G. ___" Concrete & ___" Asphaltic Concrete Base



LEGEND

- EXISTING PAVEMENT
- E — E — KG&E LINES
- STORM WATER SEWER
- SANITARY SEWER
- WATER LINE

EARTHWORK QUANTIES

EXCAVATION =	5649.3 C.Y.	LOOSE FILL =	169.7 C.Y.
+10% =	564.9 C.Y.	+10% =	17.0 C.Y.
TOTAL:	6213.2 C.Y.	TOTAL =	186.7 C.Y.

NO COMPACTED FILL — NO MANIPULATED FILL

SUBGRADE MANIPULATION = 5904 SQUARE YARDS

INTERSECTION QUANTITIES

- ___ S.Y. ___" Concrete Pavement
- 131.2 S.Y. 8 " Asphaltic Conc. Pavement (6" Bituminous Base)
- ___ S.Y. ___" Bituminous Base
- ___ L.F. Combined Curb & Gutter
- 56.7 L.F. Mono Curb
- ___ S.F. 4" Wheelchair Ramp
- ___ S.F. 4" Walk
- ___ C.Y. Excavation
- ___ C.Y. Compacted Fill
- ___ Lbs. Reinforcing Steel
- 246.6 S.Y. Manipulation
- ___ Tons Lime or Cement
- 102.5 S.Y. V.G. 5 " Concrete & 3 " Asphaltic Concrete Base

N. BRENT WOOTEN LICENSED 8470 KANSAS PROFESSIONAL ENGINEER

472-76-245-81600-000-000-001

YOSEMITE DRIVE

STA. 7+51.04 to STA. 11+50

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Design	Drawn	Approved	Date	Scale
N.B. Wooten	B.J.P.		February, 67	1"=20'

Date 3/10 — Sheet 3 of 10

PROJECT BENCH MARKS

1) Square cut in top of curb, right of station 20+16.62
Elevation = 135.15 City Datum

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Elevation = 147.93 City Datum

4) City disc at Maize Road and 27th Street South, 25 feet east and 4 feet south of quarter section corner
Elevation = 140.44 City Datum

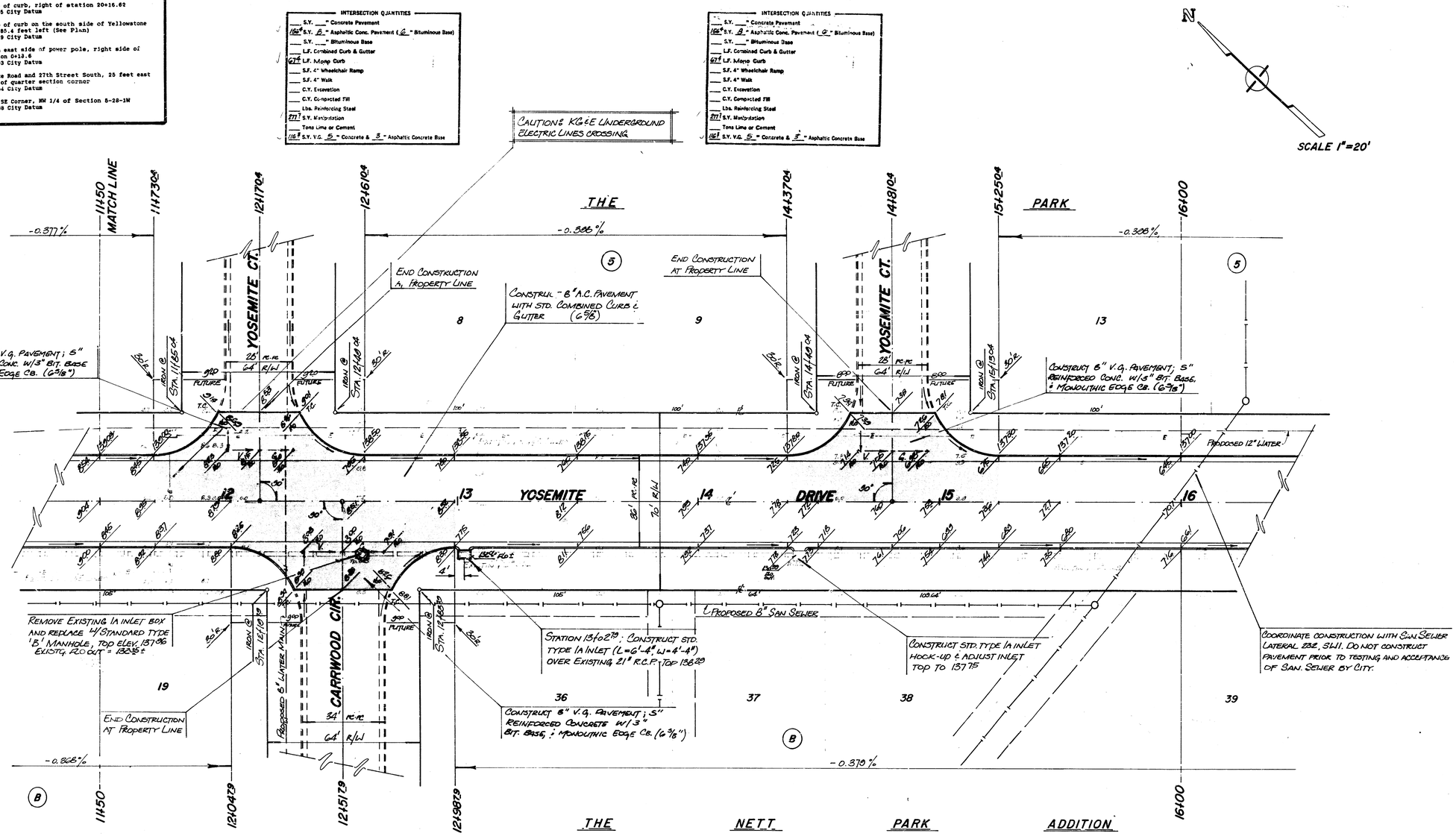
5) City disc at the SE Corner, NW 1/4 of Section 5-28-1W
Elevation = 128.38 City Datum

INTERSECTION QUANTITIES

___	S.Y. ___" Concrete Pavement
162	S.Y. 8 " Asphaltic Conc. Pavement (6 " Bituminous Base)
___	S.Y. ___" Bituminous Base
___	L.F. Combined Curb & Gutter
674	L.F. Mono Curb
___	S.F. 4" Wheelchair Ramp
___	S.F. 4" Walk
___	C.Y. Excavation
___	C.Y. Compacted Fill
___	Lbs. Reinforcing Steel
277	S.Y. Manipulation
___	Tons Lime or Cement
116	S.Y. V.Q. 5 " Concrete & 3 " Asphaltic Concrete Base

INTERSECTION QUANTITIES

___	S.Y. ___" Concrete Pavement
162	S.Y. 8 " Asphaltic Conc. Pavement (6 " Bituminous Base)
___	S.Y. ___" Bituminous Base
___	L.F. Combined Curb & Gutter
674	L.F. Mono Curb
___	S.F. 4" Wheelchair Ramp
___	S.F. 4" Walk
___	C.Y. Excavation
___	C.Y. Compacted Fill
___	Lbs. Reinforcing Steel
277	S.Y. Manipulation
___	Tons Lime or Cement
116	S.Y. V.Q. 5 " Concrete & 3 " Asphaltic Concrete Base



INTERSECTION QUANTITIES

___	S.Y. ___" Concrete Pavement
167	S.Y. 8 " Asphaltic Conc. Pavement (6 " Bituminous Base)
___	S.Y. ___" Bituminous Base
___	L.F. Combined Curb & Gutter
674	L.F. Mono Curb
___	S.F. 4" Wheelchair Ramp
___	S.F. 4" Walk
___	C.Y. Excavation
___	C.Y. Compacted Fill
___	Lbs. Reinforcing Steel
50	S.Y. Manipulation
___	Tons Lime or Cement
113	S.Y. V.Q. 5 " Concrete & 3 " Asphaltic Concrete Base

YOSEMITE DRIVE

STA. 11+50 to STA. 16+00

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Design	Drawn	Approved	Date	Scale
N.B. Hooten	R.J.P.		February 67	1"=20'

Sheet 4 of 10

472-76-245-81600-000-000-001

PROJECT BENCH MARKS

1) Square cut in top of curb, right of station 20+16.62
Elevation = 135.25 City Datum

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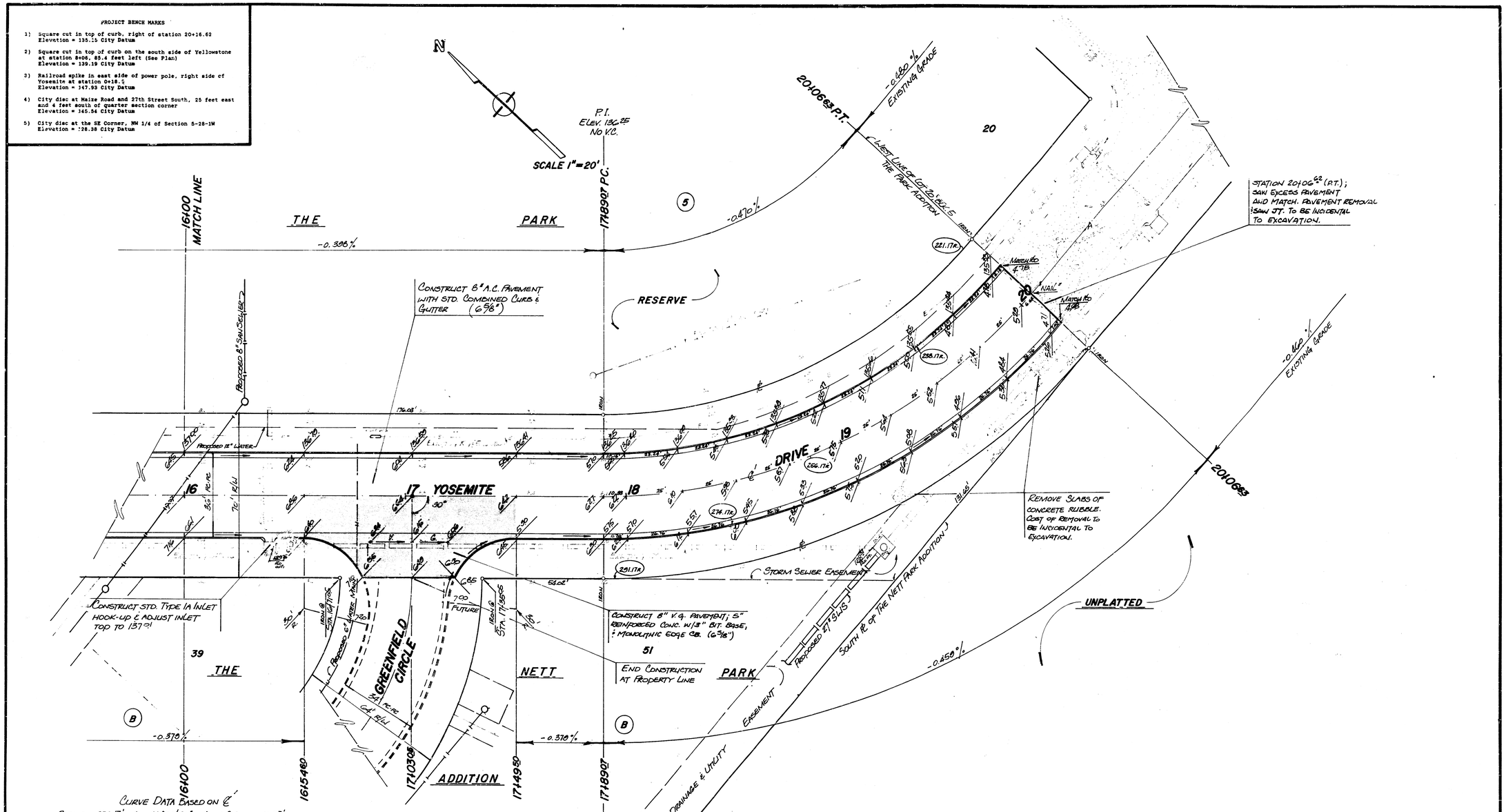
Elevation = 139.19 City Datum

3) Railroad spike in east side of power pole, right side of Yosemite at station 0+18.5
Elevation = 147.93 City Datum

4) City disc at Maize Road and 27th Street South, 25 feet east and 4 feet south of quarter section corner
Elevation = 145.54 City Datum

5) City disc at the SE Corner, NW 1/4 of Section 5-28-1W
Elevation = 128.38 City Datum



CURVE DATA BASED ON ℄

RADIUS = 266.17', Δ = 48°39'30", LONG CHORD = 211.07'
ARC = 217.56', TANGENT 115.82', DEF./FT. = 6.70995 minutes

STATIONS	ARC	CHORD LENGTHS 8' LT. RC.CB.	CHORD LENGTHS 8' RT. RC.CB.	DEF. ∠	TOTAL DEF ∠
17+89.07 (P.C.)	—	—	—	—	—
18+00	10.93	8.82	12.04	1°13'20"	1°13'20"
18+25	25	22.46	27.63	2°47'45"	4°01'05"
18+50	25	22.46	27.63	2°47'45"	6°48'50"
18+75	25	22.46	27.63	2°47'45"	9°36'35"
19+00	25	22.46	27.63	2°47'45"	12°24'20"
19+25	25	22.46	27.63	2°47'45"	15°12'05"
19+50	25	22.46	27.63	2°47'45"	17°59'50"
19+75	25	22.46	27.63	2°47'45"	20°47'35"
20+00	25	22.46	27.63	2°47'45"	23°35'20"
20+06.63 (P.T.)	6.63	5.95	7.29	0°44'25"	24°19'45"

INTERSECTION QUANTITIES

___ S.Y. ___" Concrete Pavement
1645 S.Y. 8" Asphaltic Conc. Pavement (6" Bituminous Base)
___ S.Y. ___" Bituminous Base
___ L.F. Combined Curb & Gutter
675 L.F. Mono Curb
___ S.F. 4" Wheelchair Ramp
___ S.F. 4" Walk
___ C.Y. Excavation
___ C.Y. Compacted Fill
___ Lbs. Reinforcing Steel
405 S.Y. Manipulation
___ Tons Lime or Cement
1805 S.Y. V.C. 5" Concrete & 3" Asphaltic Concrete Base

472-76-245-81600-000-000-001

YOSEMITE DRIVE

STA. 16+00 to STA. 20+06.63

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Design	Drawn	Approved	Date	Scale
N.S. Hooten	R.J.P.		February, 87	1"=20'

Rev. 5/10

Sheet 5 of 10

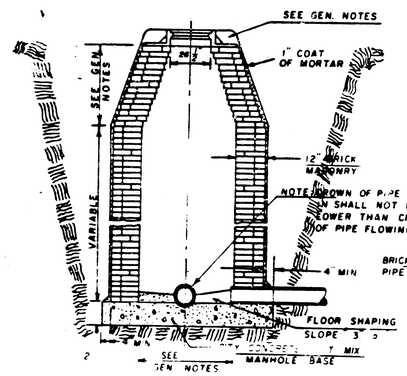
SEWER APPURTENANCES DETAILS

REVISED MAY 198
REVISED JAN. 1982

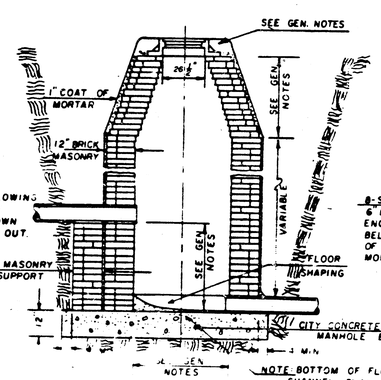
ADOPTED AS STANDARD DESIGN
BY

City of Wichita, Kansas

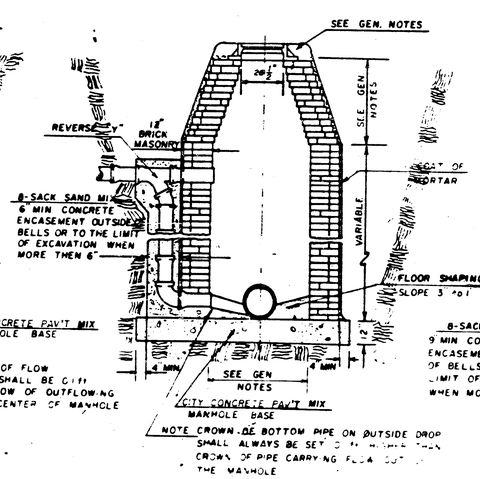
TYPE "B" MANHOLE



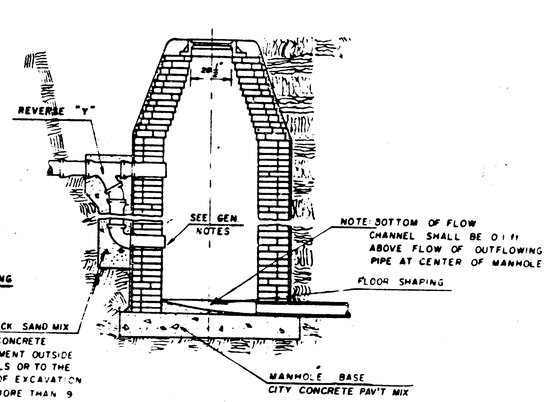
TYPE "B" INSIDE DROP MANHOLE



TYPE "B" OUTSIDE DROP MANHOLE



DETAIL OF OUTSIDE DROP CONSTRUCTED ON EXISTING MANHOLE



GENERAL NOTES

1. MORTAR USED IN MASONRY CONSTRUCTION SHALL CONTAIN 8 SACKS OF CEMENT PER CUBIC YARD. CONCRETE USED IN MANHOLE BASES SHALL CONFORM TO THE REQUIREMENTS OF CONCRETE FOR CONCRETE PAVEMENT CONSTRUCTION AS SPECIFIED IN THE CITY STANDARD PAVING SPECIFICATIONS USING CITY CONCRETE PAVEMENT MIX WITHOUT AIR ENTRAINING ADMIXTURE. MORTAR SHALL BE PLACED AROUND THE MANHOLE RING AS SHOWN ON THE DRAWINGS WHEN MANHOLES ARE CONSTRUCTED IN UNPAVED AREAS. TYPE "B" MANHOLES CAN BE USED ON SEWERS HAVING DEPTHS GREATER THAN 16' OR WHEN THE MANHOLE IS LOCATED IN PUBLIC STREET PAVEMENT. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE SMALLER THAN 24" SHALL HAVE AN INSIDE DIAMETER OF 4'. MANHOLES CONSTRUCTED WHERE PIPE SIZES ARE 24" OR LARGER SHALL HAVE AN INSIDE DIAMETER OF 5'. THE HEIGHT OF THE CORBELS ON 4' DIAMETER MANHOLES SHALL BE 4'. MANHOLES HAVING A DIAMETER OF 5' SHALL HAVE CORBELS 6' IN HEIGHT. COMPLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATER TIGHT.

2. REINFORCING STEEL SHALL BE INSTALLED IN THE MANHOLE BASES AND SHALL CONSIST OF NO. 4 BARS PLACED ON 9" CENTERS IN BOTH DIRECTIONS. THE MANHOLE BASE REINFORCEMENT SHALL BE PLACED 6" ABOVE THE BOTTOM OF THE MANHOLE BASE. ALL COSTS FOR FURNISHING AND INSTALLING REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.

3. OPENINGS SHALL BE CUT INTO THE MANHOLE WALL WHEN OUTSIDE DROPS ARE CONSTRUCTED ON EXISTING MANHOLES. SUCH OPENINGS CUT INTO EXISTING MANHOLES SHALL BE AS SMALL AS PRACTICAL TO FACILITATE INSTALLING AND GROUTING THE NEW PIPE IN PLACE. WATERSTOP GASKETS SHALL BE USED WITH P.V.C. AND A.B.S. COMPOSITE PIPES. THE NEW PIPE SHALL BE GROUTED INTO THE OPENING USING AN APPROVED NONSHRINK GROUT FOR THE FULL MANHOLE WALL THICKNESS. THE EXTERIOR OF THE COMPLETED CONNECTION SHALL BE SEALED WITH AN APPROVED BITUMINOUS COATING SUCH THAT THE CONNECTION WILL BE WATER TIGHT. FLOOR OF MANHOLE SHALL BE MODIFIED TO FORM NEW FLOW CHANNEL FOR THE NEW CONNECTION AS INDICATED ON THE DRAWING. THE VERTICAL DROP FROM THE LOWER PIPE ON SUCH OUTSIDE DROP CONNECTIONS SHALL NOT EXCEED 4' FOR INFLOWING PIPES SIZED [illegible] SMALLER AND 2' FOR INFLOWING PIPES SIZED LARGER THAN 12", AND THE CROWN OF THE LOWER PIPE SHALL NEVER BE SET BELOW THE CROWN OF ANY LARGER OUTFLOWING PIPE. THIS WORK, INCLUDING MODIFICATION OF MANHOLE FLOOR, SHALL BE PAID FOR AT THE UNIT PRICE BID FOR OUTSIDE DROP STACK CONSTRUCTED ON EXISTING MANHOLE.

4. THE FLOOR OF ALL MANHOLES SHALL BE SHAPED WITH FLOW CHANNELS SUCH THAT THE MANHOLES WILL BE SELF CLEANING AND FREE OF AREAS WHERE SOLIDS COULD BE DEPOSITED AS SEWAGE FLOWS THROUGH THE MANHOLE FROM ALL INLET PIPES TO THE OUTLET PIPE. FLOW CHANNELS SHALL BE FORMED TO MATCH THE BOTTOM HALVES OF THE INFLOWING PIPES AND THE OUTFLOWING PIPE AS SHOWN BY THE DRAWINGS EXCEPT FOR INSIDE DROP MANHOLES. FLOW CHANNELS FOR INSIDE DROP MANHOLES SHALL BE CONSTRUCTED AS INDICATED BY THE DRAWING. MANHOLE FLOORS SHALL HAVE SLOPES OF 3 INCHES PER FOOT IN THE AREAS OUTSIDE OF THE FLOW CHANNELS SLOPED TOWARD THE FLOW CHANNELS. PIPES LAID THROUGH MANHOLES SHALL HAVE THE TOP HALF REMOVED TO SEAT LINES FOR THE FULL INSIDE DIAMETER OF THE MANHOLE. MANHOLE FLOORS SHALL THEN BE SHAPED AROUND THE BOTTOM HALF OF THE PIPE WHICH FORMS THE FLOW CHANNEL.

5. PIPES INSTALLED WITHIN THE EXCAVATION MADE FOR THE MANHOLE SHALL BE CRADLED WITH CONCRETE TO THE LIMITS OF THE MANHOLE EXCAVATION. WHEN CLAY PIPE IS USED, THE CRADLE SHALL EXTEND TO THE FIRST JOINT OUTSIDE THE MANHOLE. THE CRADLE SHALL BE TERMINATED AT THE CLAY PIPE JOINT IN A MANNER WHICH WILL MAINTAIN THE FLEXIBILITY OF THE JOINT. COST OF CRADLE WITHIN MANHOLE EXCAVATION OR TO CLAY PIPE JOINTS ADJACENT TO MANHOLE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE MANHOLE.

6. MANHOLE COVER CASTINGS AND MANHOLE FRAME CASTINGS SHALL CONFORM TO THE REQUIREMENTS AS INDICATED IN THE STANDARD SPECIFICATIONS AND AS SHOWN IN THE STANDARD DETAIL DRAWING.

7. THE VERTICAL DROP IN INSIDE DROP MANHOLES SHALL NOT EXCEED 4' FOR INFLOWING PIPES SIZED 12" OR SMALLER AND 2' FOR INFLOWING PIPES LARGER THAN 12". THE CROWNS OF INFLOWING PIPES SHALL NEVER BE SET LOWER THAN THE CROWN OF THE OUTFLOWING PIPE.

8. STANDARD MANHOLES TYPE "B" AND STANDARD INSIDE DROP MANHOLES TYPE "B" SHALL BE BID AS STANDARD MANHOLES FOR THE TYPE AND DIAMETER INDICATED. OUTSIDE DROP MANHOLES TYPE "B" SHALL BE BID AS STANDARD OUTSIDE DROP MANHOLES FOR THE TYPE AND DIAMETER INDICATED. ALL MANHOLE DIAMETERS WILL BE 4' UNLESS INDICATED OTHERWISE.

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BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
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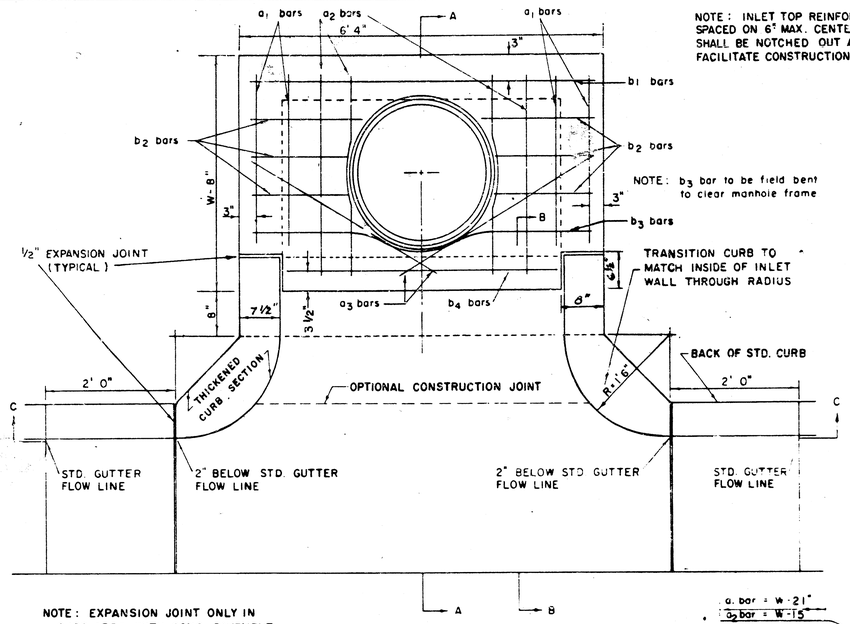
Design	Drawn	Approved	Date	Scale
–			February, 87	

Rev. 6/10
Sheet 6 of 10

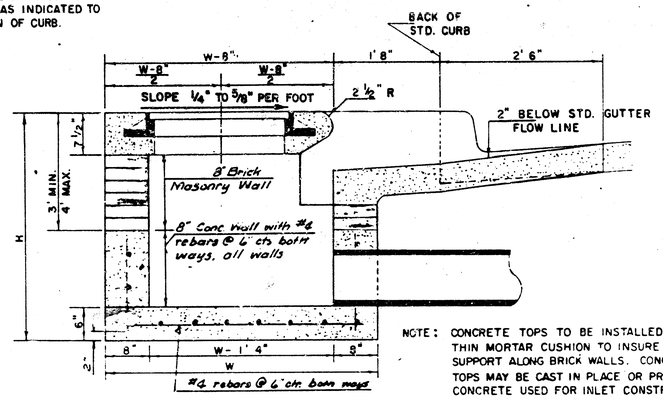


NOTE: INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB.

NOTE: b_3 bar to be field bent to clear manhole frame

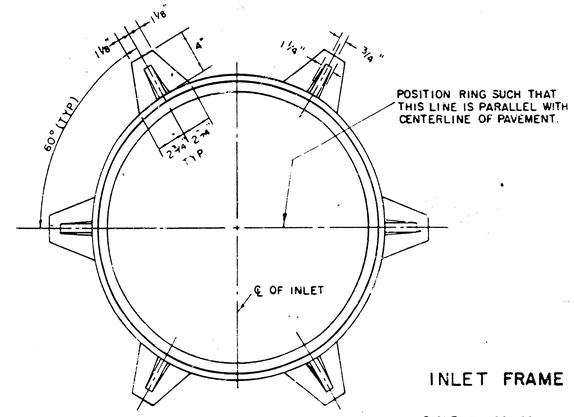
NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT.

PLAN



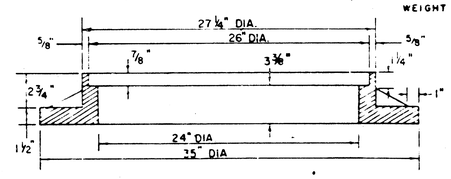
SECTION A-A

NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.



INLET FRAME

WEIGHT = 180 LBS.



SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.

NOTE: CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W = 6'4" AND H = 7'0" OR LESS.

ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HOOKUP.

INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.

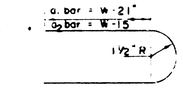
THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

STEEL SCHEDULE

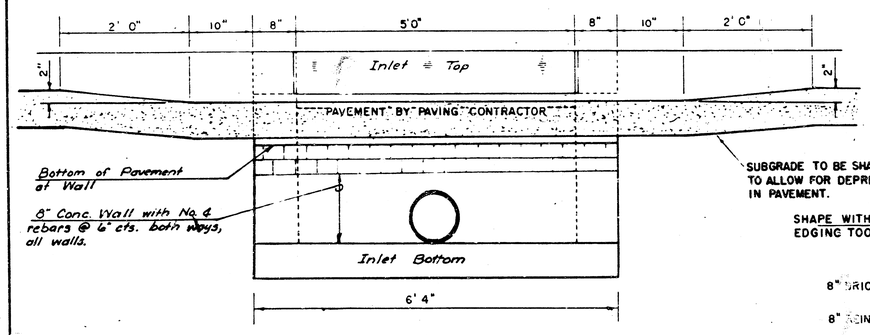
BAR		a_1	a_2	a_3*	b W=4'4"	W=5'4"	W=6'4"	W=7'4"	W=8'4"	b_2	b_3	b_4	WT LBS
NUMBER		4	4	2	1	3	5	7	9	6	1	1	
SIZE		#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6	
LENGTH	W=4'4"	5'7"	6'7"	4'0"	6'1"	–	–	–	–	1'9"	6'2"	4'8"	60±
	W=5'4"	7'7"	8'7"	5'0"	–	6'1"	–	–	–	1'9"	6'2"	4'8"	81±
	W=6'4"	9'7"	10'7"	6'0"	–	–	6'1"	–	–	1'9"	6'2"	4'8"	101±
	W=7'4"	11'7"	12'7"	7'0"	–	–	–	6'1"	–	1'9"	6'2"	4'8"	121±
	W=8'4"	13'7"	14'7"	8'0"	–	–	–	–	6'1"	1'9"	6'2"	4'8"	141±

* NOTE: a_3 BARS TO BE PLACED APPROX 2" BELOW TOP OF INLET COVER

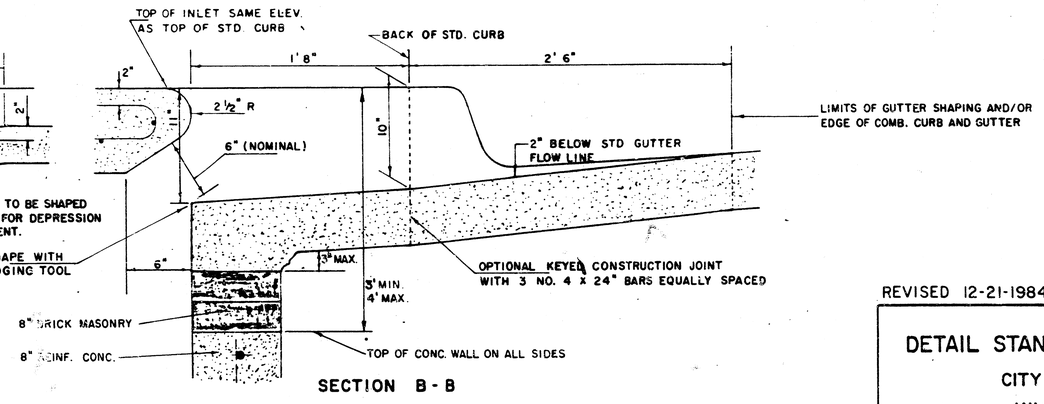
BENDING DIAGRAM



STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU YD. CONC.
4' 4"	3'8" x 6'4" x 7 1/2"	21" & SMALLER	0.38 ±
5' 4"	4'8" x 6'4" x 7 1/2"	24" & 30"	0.51 ±
6' 4"	5'8" x 6'4" x 7 1/2"	36" & 42"	0.64 ±
7' 4"	6'8" x 6'4" x 7 1/2"	48" & 54"	0.77 ±
8' 4"	7'8" x 6'4" x 7 1/2"	60" & 66"	0.90 ±



SECTION C-C



SECTION B-B

REVISED 12-21-1984

DETAIL STANDARD TYPE IA CURB INLET

CITY OF WICHITA, KANSAS

INLET OPENING = 6" x 5' 0"

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JUNE 1984

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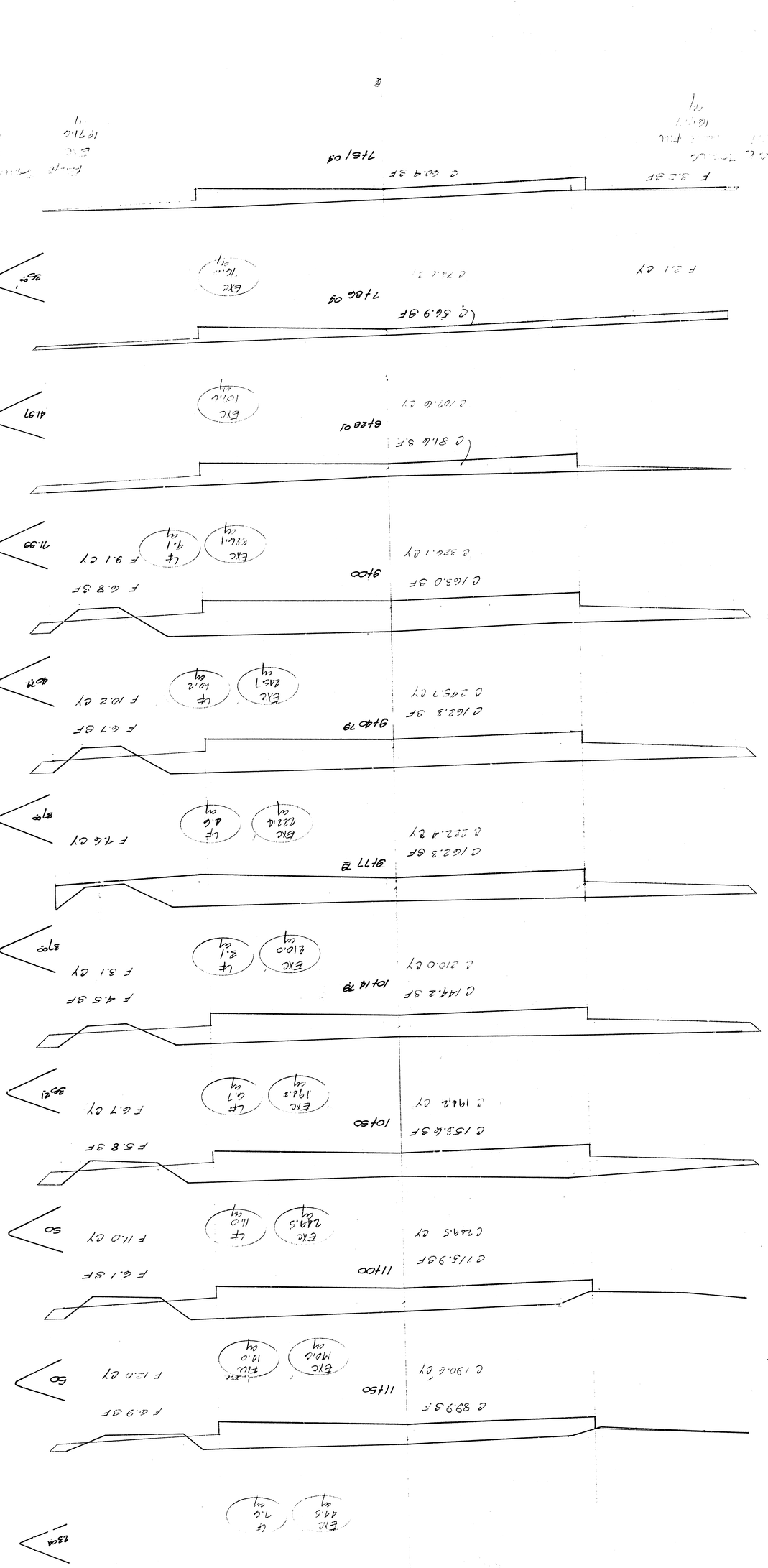
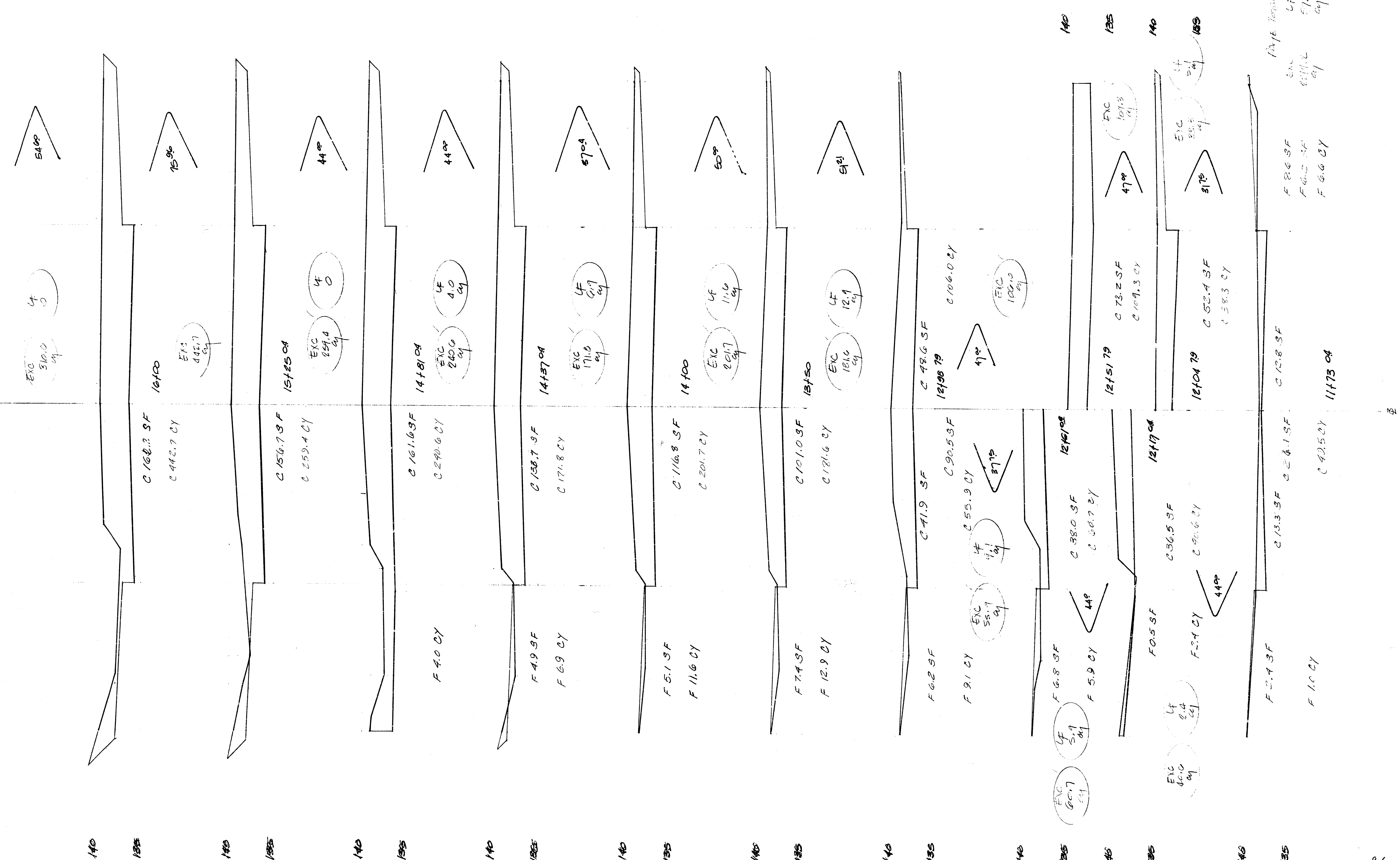
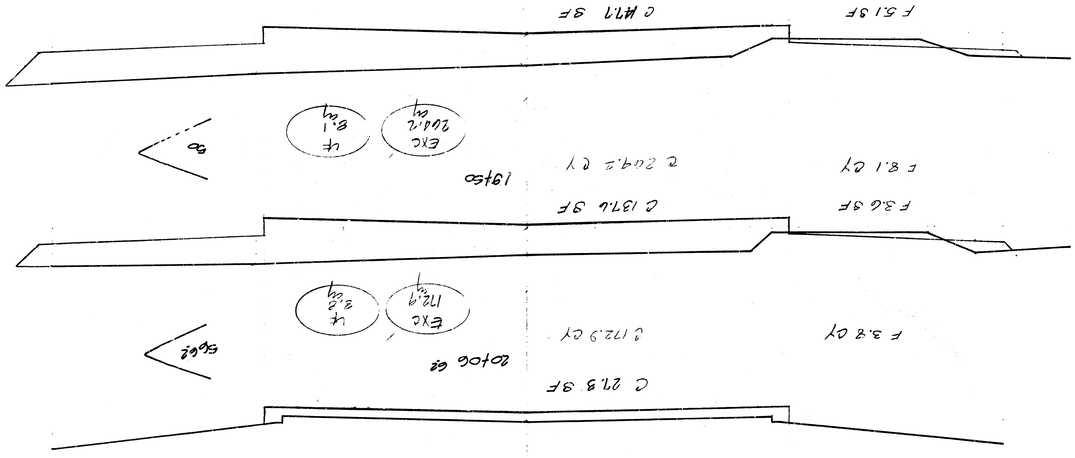


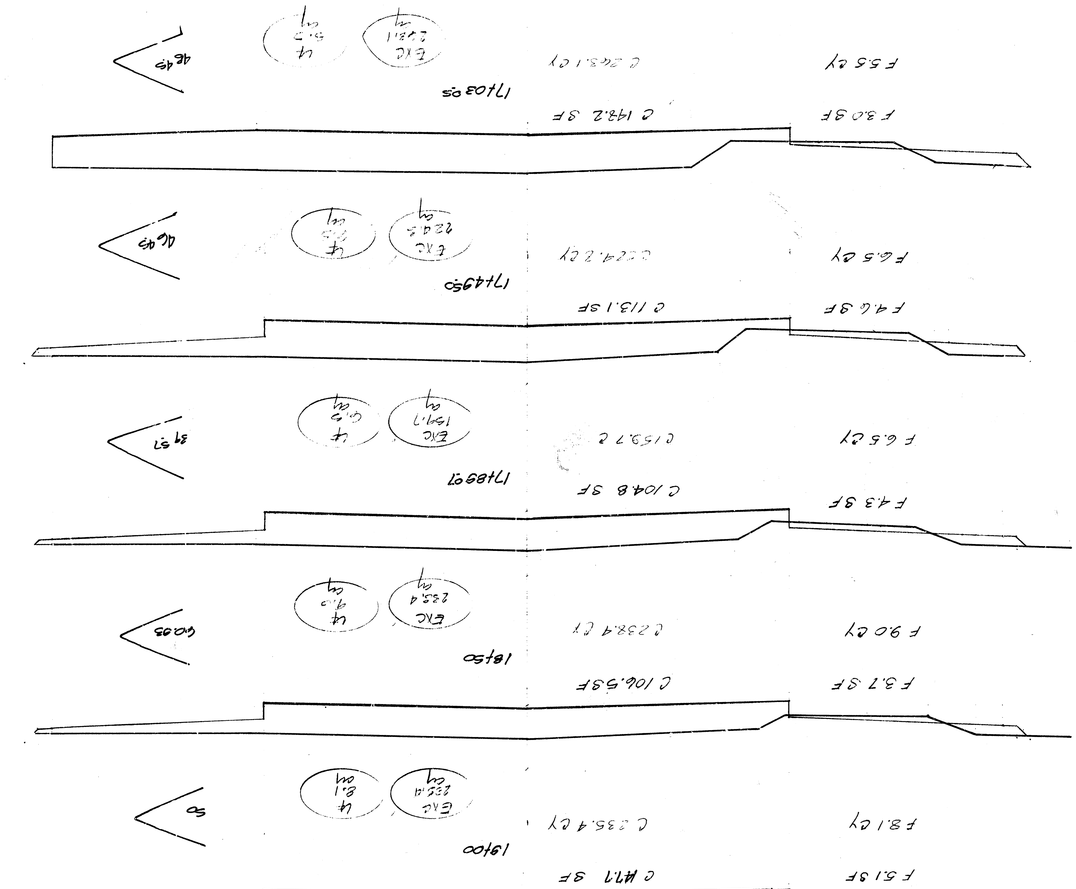
EARTHWORK SECTIONS 8/10
YOSEMITE DRIVE



9/10

472-76-245-81600-000-000-001 **EARTHWORK SECTIONS** 9/10
YOSEMITE DRIVE





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EARTHWORK SECTIONS 10/10
YOSEMITE DRIVE

10/10