STREET IMPROVEMENTS TO SERVE

HEDGEWOOD 2nd ADDITION

LONGFORD: From Harry St. to Zimmerly
LONGFORD COURT: From E.L. Longford to and Including Cul-de-sac
ZIMMERLY: S. 1/2 of Zimmerly from N.W. Corner to N.E. Corner of Hedgewood 2nd Addition

Project No.

472-76-245-82287-000-000-001

Index Code: 761775

CITY OF WICHITA, KANSAS

Michael E. Lindebak City Engineer

Project Area

SCALE: 1" = 150'

BENCHMARK: City Disc at top of the West Handrail, at N. end of RCBC Longford Street approximatly 300' S. of Centerline of Harry. Elev. = 159.72 CITY DATUM

General Notes

1. Utility service lines, poles, valve boxes, meters, et cetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. 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. A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of the existing total pavement thickness shall be provided at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required. Sawed joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the removal of the surface or pavement.

3. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.

4. This project includes a certain amount of roll type curb construction. Roll Curbs shall be depressed through all driveway openings when such drives are constructed as a part of the project.

5. No ▬ ▬ drives are to be constructed with this project.

6. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

7. 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 in accordance with state laws.

8. The Contractor shall give all property owners and/or tenants of developed property abutting the project limits a minimum of ten (10) days advance notice prior to start of construction.

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SWS Booked 3-8-94 MCG D-218

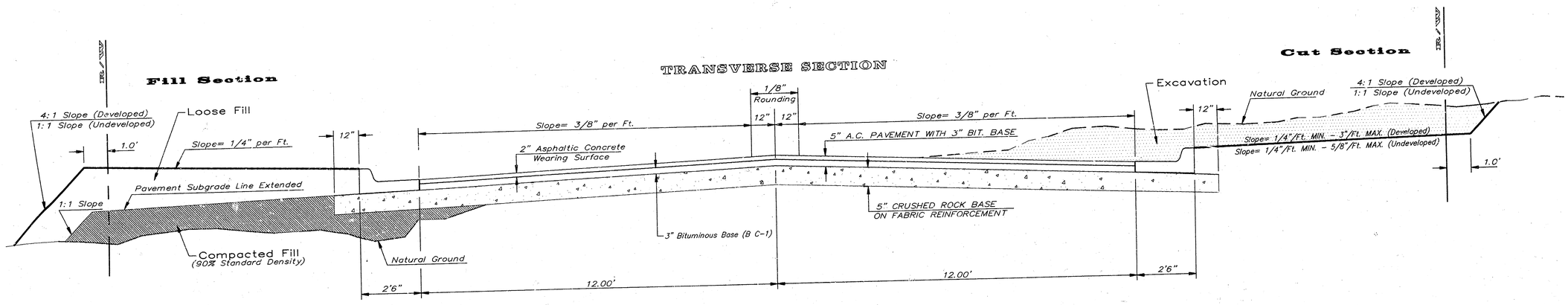
N. BRENT WOOTEN LICENSED 8470 KANSAS PROFESSIONAL ENGINEER

As Built 10-25-93 A.Z.

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

TYPICAL 29' B-B PAVEMENT DETAILS

TRANSVERSE SECTION



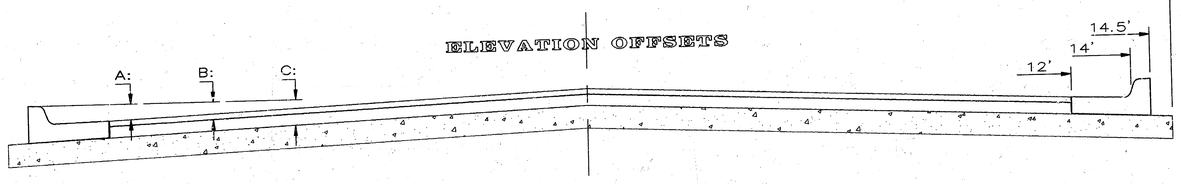
Pavement Specifications

The crushed rock shall have the following gradation:

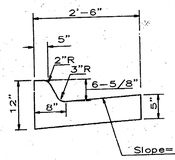
	% Retained
2-1/2"	0
3/4"	20 to 60
#4	50 to 80
#40	80 to 94
#200	90 to 98

Rock quality shall conform to the requirements specified by the KDOT 1990 Edition Standard Specification Subsection 1102 for durability Class 1.

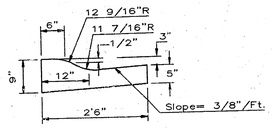
ELEVATION OFFSETS



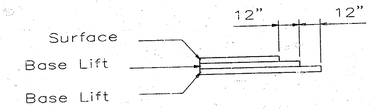
	DISTANCE FROM CENTERLINE (LT. & RT.)										
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'	15.5'
A: Top of Curbs to Top of Surface Lift	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	–	–	–
B: Top of Curbs to Top of Upper Base Lift	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	–	–	–
C: Top of Curbs to Top of C.R. Subgrade	0.55	0.60	0.66	0.72	0.75	0.78	0.85	0.91	0.97	0.98	1.01



COMBINED CURB & GUTTER

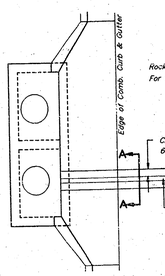


COMBINED ROLL TYPE CURB & GUTTER



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 5" ASPHALTIC CONCRETE (3" BITUMINOUS BASE).

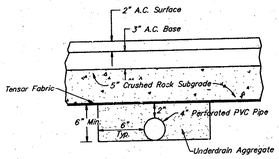


Perforated Pipe

CRUSHED ROCK GRADATION REQUIREMENTS
Percent of Aggregate Retained

1 1/2"	0
3/4"	15–60
# 4	40–80
#40	74–92
P-200	4–12

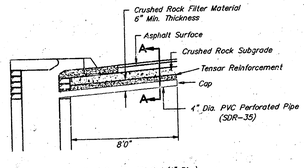
Rock Quality Shall Be The Same As Specified For Coarse Aggregate For Asphalt Concrete Mixes.



SECTION A-A

NOTE: Place 4" PVC Perforated Pipe at all drainage sump locations.

Cost of Underdrain System to be Incidental to the Reinforced Crushed Rock Subgrade.



(Min. 16 Perforations Per Lin. Ft. @ 1/4" Dia.) Perforations To Be on Bottom Half

PAVEMENT UNDERDRAIN DETAIL

General Notes

FABRIC BASE REINFORCEMENT SHALL BE B X 1100 GEOGRID AS MANUFACTURED BY TENSAR CORPORATION OR APPROVED EQUAL. FABRIC BASE REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. CRUSHED ROCK SHALL BE UNIFORMLY GRADED FROM 1-1/2" MAXIMUM SIZE TO NOT MORE THAN 10% PASSING A NO. 200 SIEVE. ROCK QUALITY SHALL BE THE SAME AS SPECIFIED FOR COARSE AGGREGATE FOR CONCRETE MIXES.

ROCK BASE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PROIR TO PLACEMENT OF ASPHALT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

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.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

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.

THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 5" ASPHALTIC CONCRETE (3" BITUMINOUS BASE.)

5 INCH Residential Asphaltic Concrete Pavement with Crushed Rock Base on Fabric Reinforcement
City of Wichita, Kansas

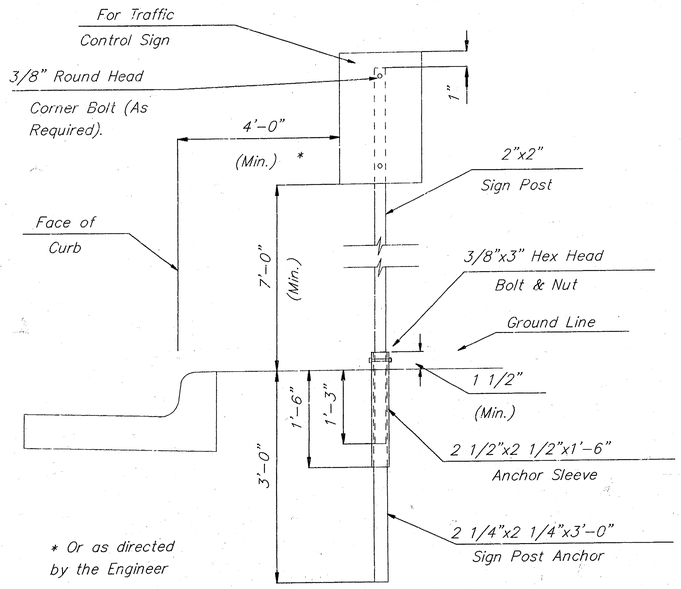
BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

REV.

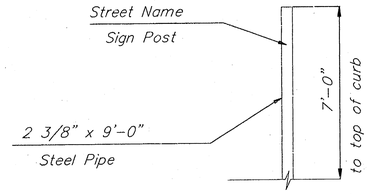
PROJECT NUMBER
472 76 245 82287 000 000 001

SHEET 2 OF 18

DESIGN	DRAWN	APPROVED	DATE	SCALE



Traffic Control Sign Post



Street Name Sign Post

(Localion shown on plans)

GENERAL NOTES – SIGNING

A. STREET SIGN POSTS SHALL BE MANUFACTURED FROM 2 3/8" O.D. GALVANIZED STEEL PIPE WEIGHING A MINIMUM OF 3.65 POUNDS PER FOOT. POSTS SHALL BE POSITIONED SO THAT THE BOTTOM BLADE IS 7 FEET ABOVE GRADE. STREET SIGN POSTS SHALL BE SET IN CONCRETE ANCHORS 12"x12"x24" DEEP IN ACCORDANCE WITH WICHITA TRAFFIC DEPARTMENT SPECIFICATIONS. TRAFFIC SIGN POSTS AND ANCHORS SHALL BE MANUFACTURED FROM 12 GAUGE TUBULAR STEEL. ROUND HOLES, 3/8 INCH IN DIAMETER, SHALL BE PUNCHED OR DRILLED AT ONE INCH SPACING ON ALL FOUR FACES OF THE POST. STARTING ONE INCH FROM THE TOP OF THE POST. POSTS SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123.

B. REFLECTIVE SHEETING SHALL BE TYPE II-HIGH PERFORMANCE CLASS HA IN ACCORDANCE WITH SPECIAL PROVISION FOR STREET SIGNS SS-1 TO 3.

C. MOUNTING BRACKETS FOR STREET NAME SIGNS. DIE CAST ALUMINUM BRACKETS SHALL BE ALUMINUM ALLOY 360 HAVING A TENSILE STRENGTH OF 44,000 P.S.I. THE BRACKETS SHALL BE SMOOTHLY FINISHED, FREE OF PITS, BURRS, AND FLAWS. EACH BRACKET SHALL BE TAPPED AND DRILLED FOR 5/16 INCH ZINC-PLATED ALLEN-TYPE SET-SCREWS HAVING SELF-LOCKING SAW-TOOTH ENDS.

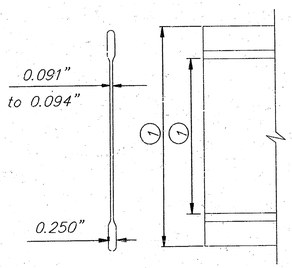
D. BLADES FOR STREET NAME SIGNS. EXTRUDED ALUMINUM BLADES SHALL BE ALUMINUM ALLOY CONFORMING TO 6063-T6 (ASTM SPECIFICATION B221, LATEST ISSUE). BLADES SHALL HAVE AN ALODINE OR PHOSPHATE ETCHED FINISH.

E. SIGN BLANKS SHALL BE FABRICATED FROM 0.100 INCH ALUMINUM ALLOY 6063-T6 CONFROMING TO THE REQUIREMENTS OF SPECIAL PROVISION FOR STREET SIGNS SS-1 TO 5.

F. DETAILS. STREET NAME SIGNS SHALL BE HIGHWAY GREEN REVERSE SCREENED BACKGROUND WITH SILVER-WHITE #2 LETTERS. THE STREET NAME SHALL BE 4 INCH UPPER CASE, AND THE STREET SUFFIX, IF ANY, SHALL BE 3 INCH UPPER CASE. ALL LETTERS SHALL BE SERIES "C".

G. NEW TRAFFIC CONTROL AND STREET NAME SIGNS SHALL BE MEASURED AND PAID FOR AT THE LUMP SUM PRICE FOR "SIGNING". THE PAYMENT AS SET FORTH ABOVE SHALL BE CONSIDERED FULL COMPENSATION FOR ALL EXCAVATION, BACKFILLING, MATERIALS, LABOR, AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK.

TYPICAL SIGN MOUNTING INSTALLATION



① STREET SIGN BLADE DETAIL

Blade Width 6.75" – Web Width 4.75"
Blade Width 9.00" – Web Width 7.00"

SIGN ASSEMBLY TABLE				
STREET	STATION	℄ OFFSET	SIGN	QUANTITY(EA.)
LONGFORD	0+35	25.50' Rt.	HARRY ST.	1
LONGFORD	0+35	25.50' Lt.	R1-1	1
LONGFORD	7+17	24.50' Rt.	LONGFORD CT.	1
LONGFORD	15+25	23.30' Lt.	ZIMMERLY ST.	1

STREET NAME	NO. BLADES REQ'D
LONGFORD 1200 S	1
LONGFORD	2
LONGFORD CT. (1138-1178)	1
HARRY ST. 8300 E	1
ZIMMERLY ST.	1

NOTE: 1 POST, 1 POST TO SIGN BRACKET AND 1-90° SIGN TO SIGN BRACKET REQ'D. AT EACH LOCATION



R1-1
(30"x30")

STREET SIGNS

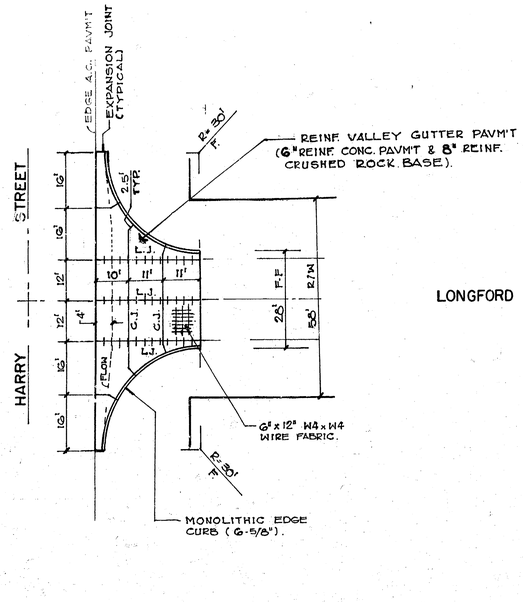
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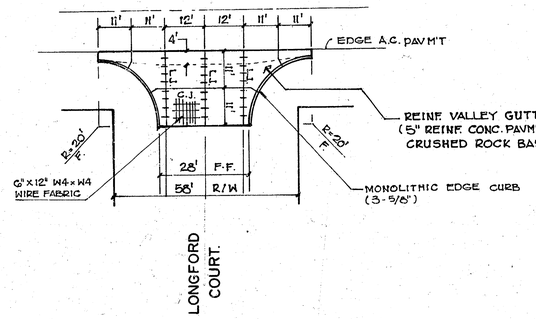
PROJECT NUMBER
472 76 245 82287 000 000 001

SHEET 3 OF 18

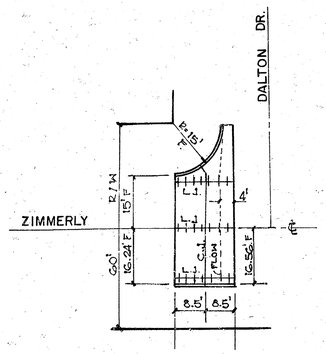
DESIGN	DRAWN	APPROVED	DATE	SCALE
			MAY 93	

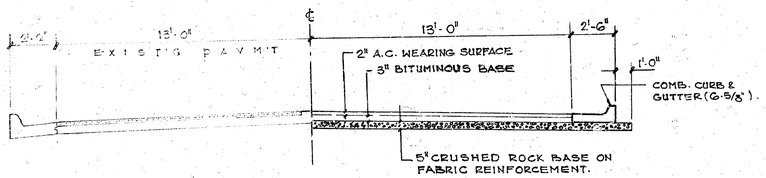
92-86-E378
H:\2\STR\SIGN



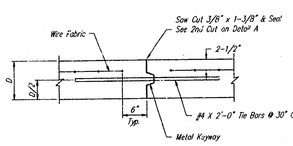


V A L L E Y G U T T E R
J O I N T D E T A I L S

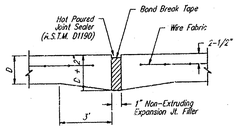




TYPICAL PAVEMENT SECTION
SO. 1/2 ZIMMERLY ST.

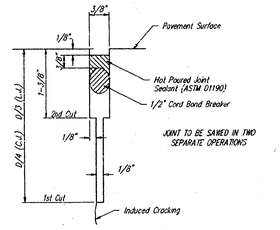


LONGITUDINAL JOINT DETAIL (L.J.)

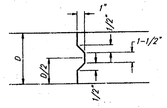


EXPANSION JOINT

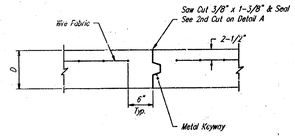
NOTE: Extra Thickness to be Subsidiary to Price of Square Yards Pavement



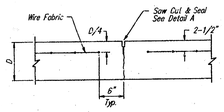
SAW JOINT DETAIL



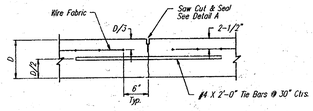
KEYWAY DETAIL



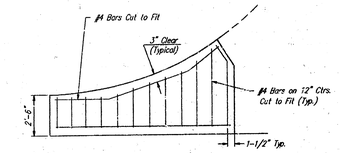
OPTIONAL CONTRACTION CONST. JOINT (C.J.)
(ALTERNATE C.J.)



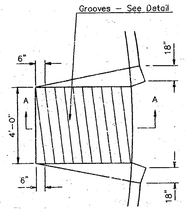
CONTRACTION JOINT DETAIL (C.J.)



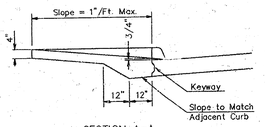
LONGITUDINAL JOINT DETAIL (L.J.)



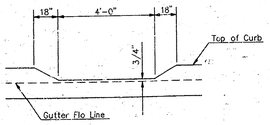
WING REINFORCING DETAIL



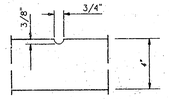
WHEELCHAIR RAMP PLAN VIEW



SECTION A-A



DEPRESSED CURB DETAIL



GROOVE DETAIL

WHEELCHAIR RAMP DETAIL

town\vg

VALLEY GUTTER DETAILS

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REV.

PROJECT NUMBER
472-76-245-82287-000-000-001

SHEET 4 OF 18

DESIGN	DRAWN	APPROVED	DATE	SCALE
CMB\TCR	B.E.		12-22-92	NONE

BENCH MARK = BRASS DISC. TOP HANDRAIL. NORTH END R.C.B.C. 300' SOUTH ℄ HARRY ST. ELEV = 159.72 City Datum.

SCALE:
1" = 20'
• = IRON

HEDGEWOOD 2ND ADDITION

HARRY ST

LONGFORD

EXCEPTION

REMOVE CONC. CURB AND GUTTER.

REMOVE EXIST'G SIDEWALK.

INSTALL TRAFFIC CONTROL SIGN R1-1

CONST. TYPE I-A CURB INLET. (11'-4"x4'-4")

CONST. 4.00' Wide Conc. Sidewalk. (4")

PROPOSED 8" SANITARY SEWER

PROPOSED 8" WATER MAIN

PROPOSED 24" RCP STORM SEWER

CONST. TYPE I-A CURB INLET. (11'-4"x5'-4")

CONST. STD. WHEELCHAIR RAMP (Both Sides).

INSTALL STREET NAME SIGN HARRY ST. 8300 E. LONGFORD 1200 S

CONST. — REINF. VALLEY GUTTER PAVEMENT. (6" Reinf. Conc. Pavm't with 8" Reinf. Crushed Rock Base) (6-5/8" Monolithic Edge Curb)

CONST. ROLL-TYPE COMB. CURB & GUTTER (3-5/8")

CONST. 5" A.C. PAVEMENT w/ 5" REINF. ROCK BASE.

2-12" CEDARS 7-10" " IN R/W

4 Rail Wood Fence

10' UTILITY EASEMENT

STA. 6+05 ℄ Inlet

STA. 0+53

STA. 0+64

STA. 3+00

P.V.I. ELEV. = 159.00 NO V.C.

+0.424%

+1.04%

Denotes - Removal

HEDGEWOOD 2ND ADDITION
STREET PAVEMENT PLAN

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

PROJECT NUMBER 472-76-245-82287-000-000-001

SHEET 5 OF 18

DESIGN	DRAWN	UTIL. CHECK'D	DATE	SCALE
NBW			October	1"=20'

SCALE:
1" = 20'
• = IRON

P.V.I.
ELEV = 166.50
NO V.C.
Sta. 9+75.89
P.C.

P.V.I.
ELEV = 163.20
NO. V.C.

P.V.I.
ELEV. = 164.00
NO V.C.

Ⓐ

+1.04%

+1.17%

+1.22%

+0.327%

+0.557%

CONST. ROLL-TYPE COMB. CURB & GUTTER (3-5/8")

CONST. 4.00' Wide Conc. Sidewalk (4")

CONST. 5" A.C. PAVM'T w/5" REINF. ROCK BASE

CONST. VALLEY GUTTER PAVM'T 5" Reinf. Conc. Povm't & 5" Reinf. Rock Base w/Monolithic Edge Curb (3-5/8") (3)

CONST. STD. I-A INLET HOOKUP (Both Sides)

INSTALL STREET NAME SIGN LONGFORD LONGFORD CT. (1138-1178)

PROPOSED 8" SAN.

PROPOSED 24" S.W.S.

PROPOSED 15" S.W.S.

10' UTIL. ESMT

EASEMENT Instrument 5192 UTILITY EASEMENT

UTILITY Separate

10' By

LONGFORD

LONGFORD CT

HEDGEWOOD 2ND ADDITION

R/W 58'

F-F 28'

R=20'

R=53.91'

R=39.91'

R=24.91'

Sta. 6+05 ℄ Inlet

Sta. 7+04

Sta. 7+38

Sta. 7+72

Sta. 10+60.77
P.T.

P.V.I.
ELEV. = 166.85
NO. V.C.

TANGENT = 54.11' LONG CHORD = 76.36'
ARC = 84.88' Δ = 90° 13' DEFL/FT ARC = 31.884 MIN
CURVE DATA BASED ON CENTERLINE - RADIUS = 53.91'

STATION	ARC	FACE CHORD LENGTHS 8' RT.	8' LT.	DEFL.	TOTAL DEFL.
P.C. 9+75.89					
10+00	24.11'	14.15'	33.67'	12° 48' 49"	12° 48' 49"
10+25	25.00'	14.66'	34.85'	13° 17' 06"	26° 05' 55"
10+50	25.00'	14.66'	34.85'	13° 17' 06"	39° 23' 01"
P.T. 10+60.77	10.77'	6.36'	15.14'	5° 43' 29"	45° 06' 30"

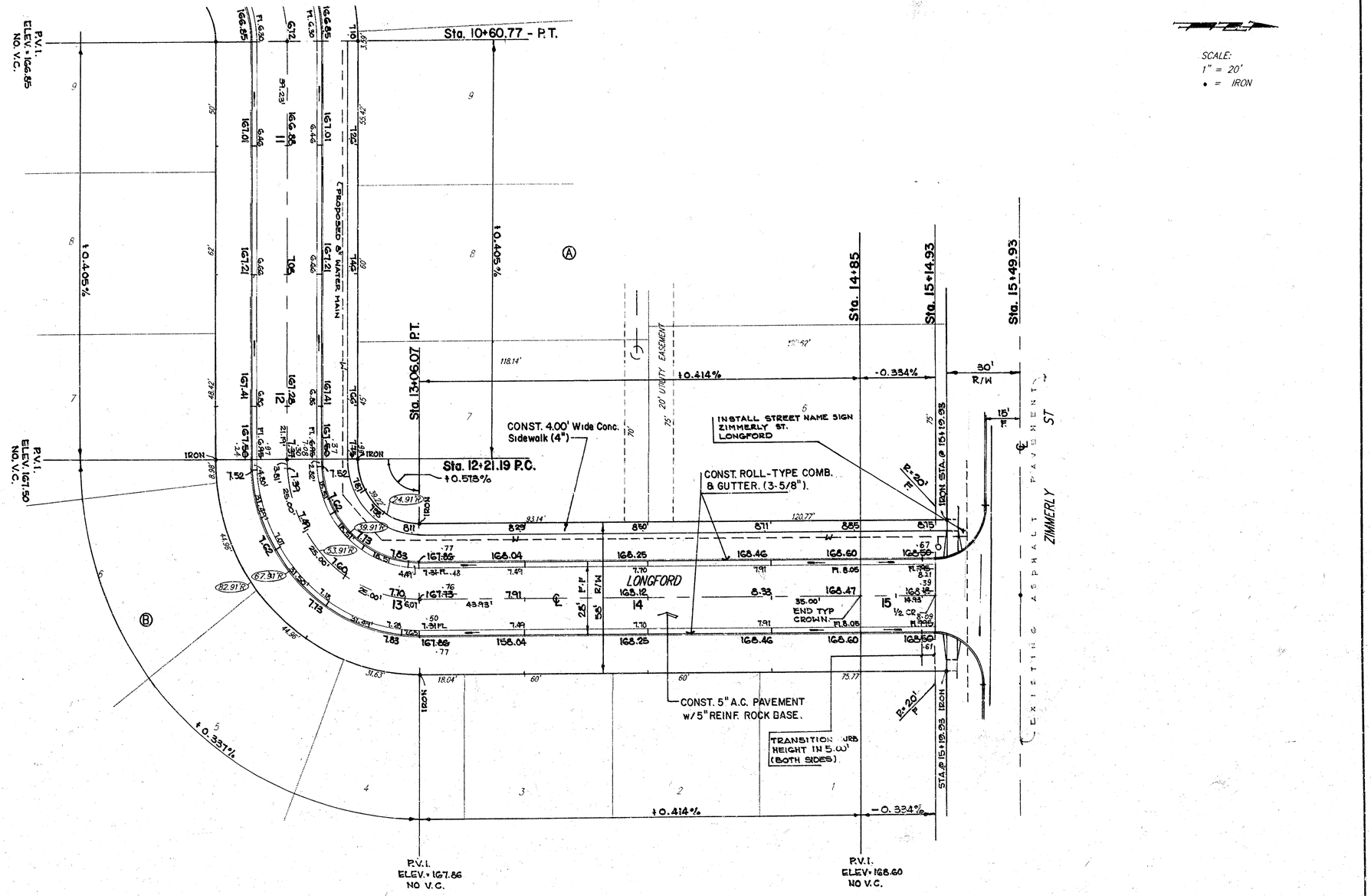
HEDGEWOOD 2ND ADDITION
STREET PAVEMENT PLAN

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

PROJECT NUMBER 472-76-245-82287-000-000-001

SHEET 6 OF 18

DESIGN	DRAWN	UTIL. CHECK'D	DATE	SCALE



ARC = 84.88' Δ = 90° 15' DEFL/FT ARC = 31.88' MIN. TAN. = 54.11'

HEDGEWOOD 2ND ADDITION

CURVE DATA BASED ON CENTERLINE - RADIUS = 53.91'

STATION	ARC	FACE CHORD LENGTHS 5' LT.	5' RT	DEFL.	TOTAL DEFL.
P.C. 12+21.19					
12+25	3.81'	2.25'	5.36'	2° 01' 34"	2° 01' 34"
12+50	25.00'	14.66'	34.85'	13° 17' 06"	15° 18' 40"
12+75	"	"	"	13° 17' 07"	28° 36' 47"
13+00	25.00'	14.66'	34.85'	13° 17' 06"	41° 52' 53"
P.T. 13+06.07	6.07'	3.59'	8.54'	3° 13' 37"	45° 06' 30"

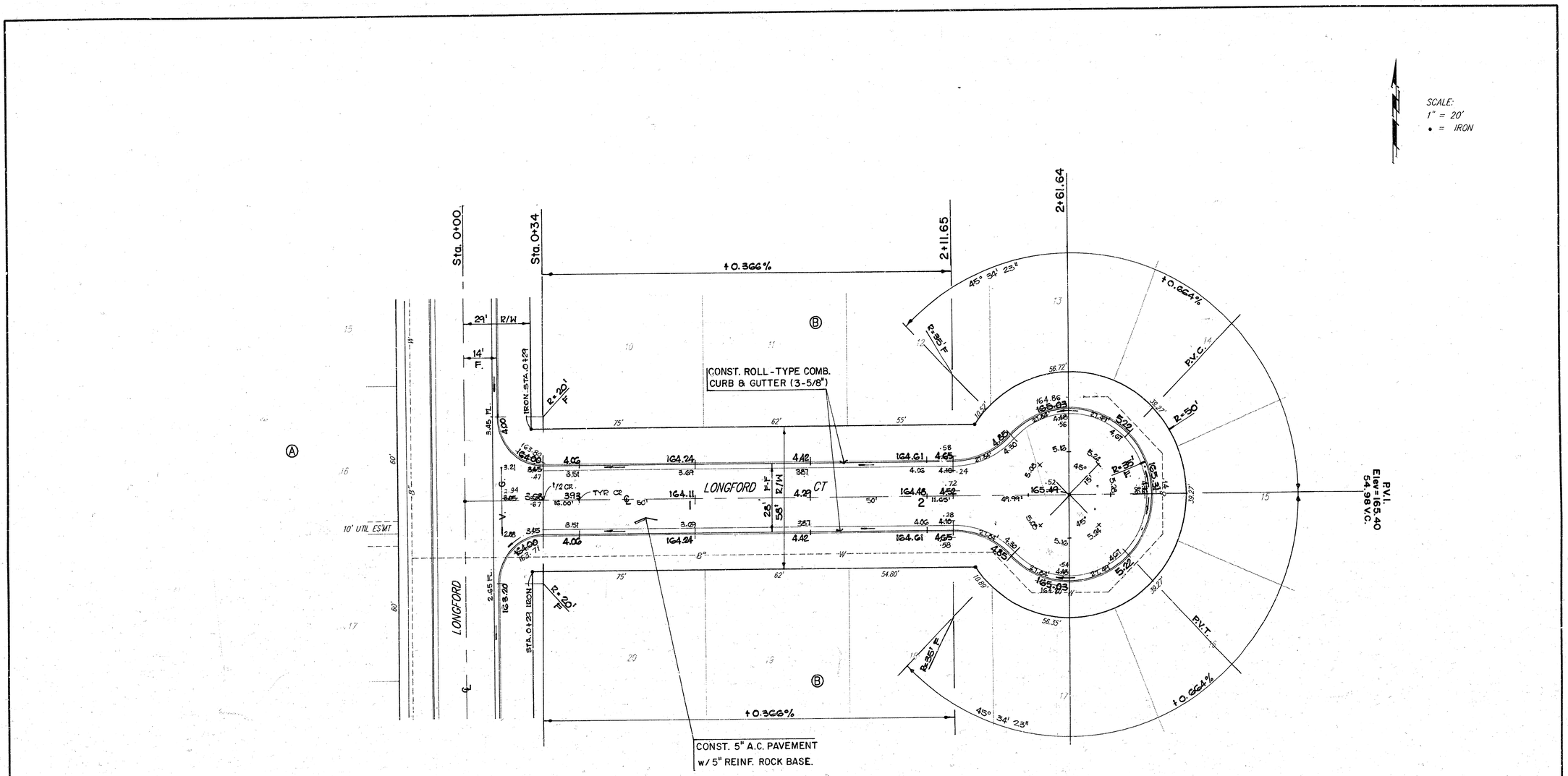
HEDGEWOOD 2ND ADDITION
STREET PAVEMENT PLAN

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

PROJECT NUMBER 472-76-245-82287-000-000-001

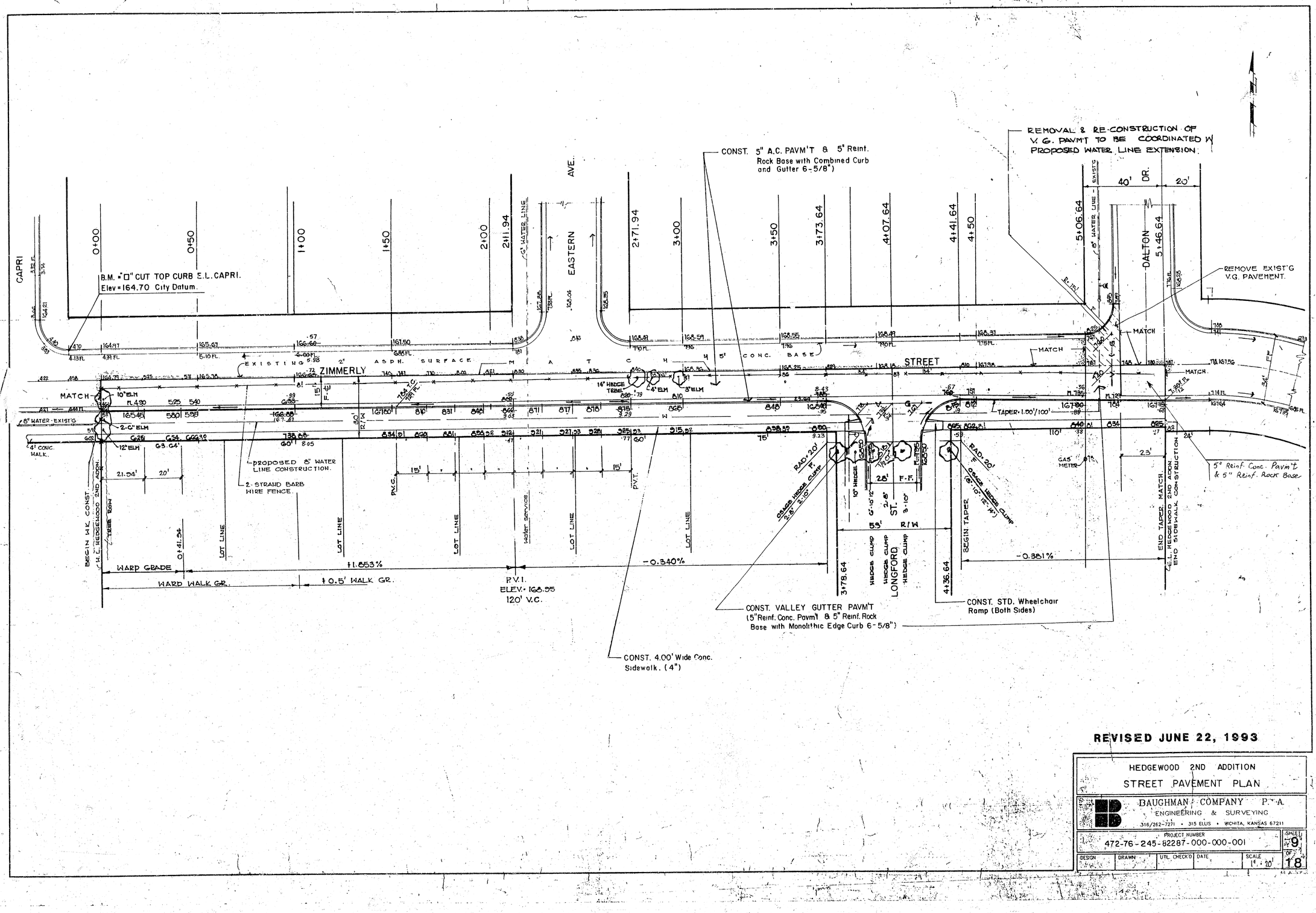
SHEET 7 OF 18

DESIGN	DRAWN	UTIL. CHECK'D	DATE	SCALE



HEDGEWOOD 2ND ADDITION

HEDGEWOOD 2ND ADDITION	
STREET PAVEMENT PLAN	
BAUGHMAN COMPANY P. A. ENGINEERING & SURVEYING 316/252-7271 • 315 ELLIS • WICHITA, KANSAS 67211	
PROJECT NUMBER 472-76-243-82287-000-000-001	SHEET 8 OF 18
DESIGN / DRAWN / UTIL. CHECK'D / DATE / SCALE	



REVISED JUNE 22, 1993

HEDGEWOOD 2ND ADDITION

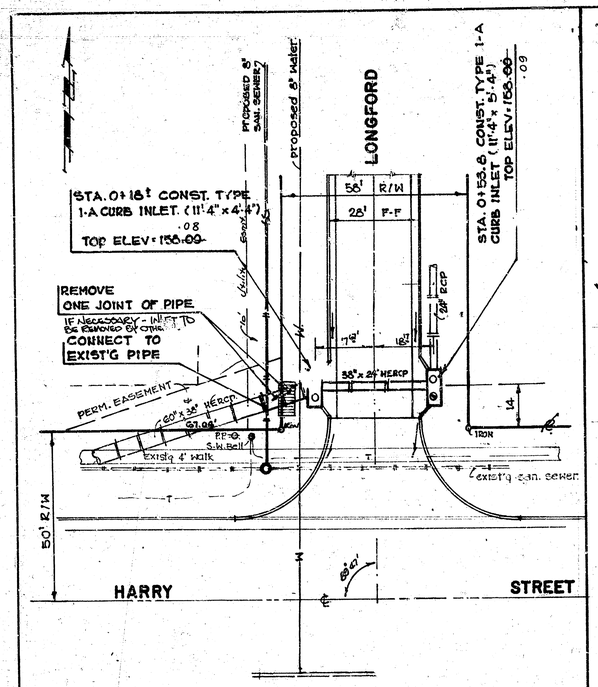
STREET PAVEMENT PLAN

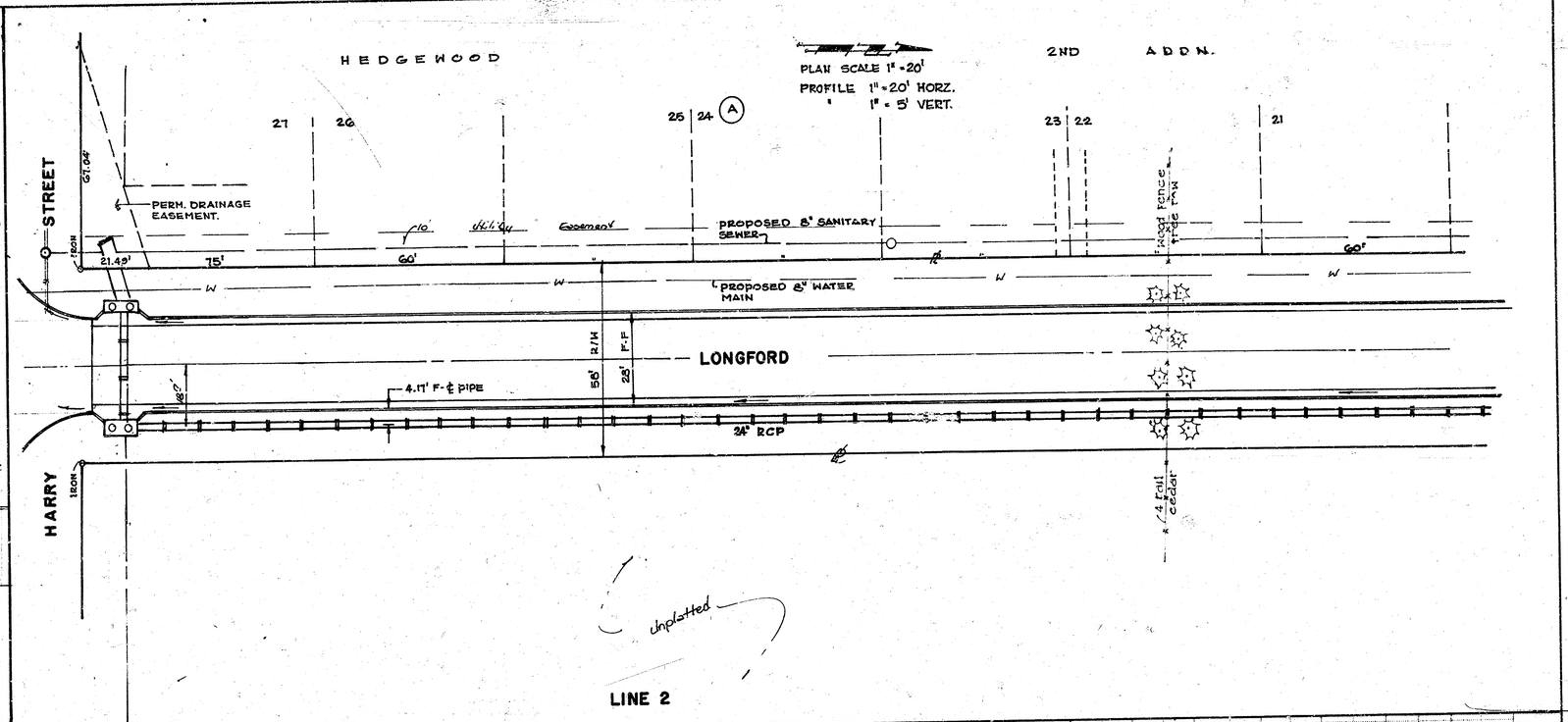
BAUGHMAN COMPANY P.A.
ENGINEERING & SURVEYING
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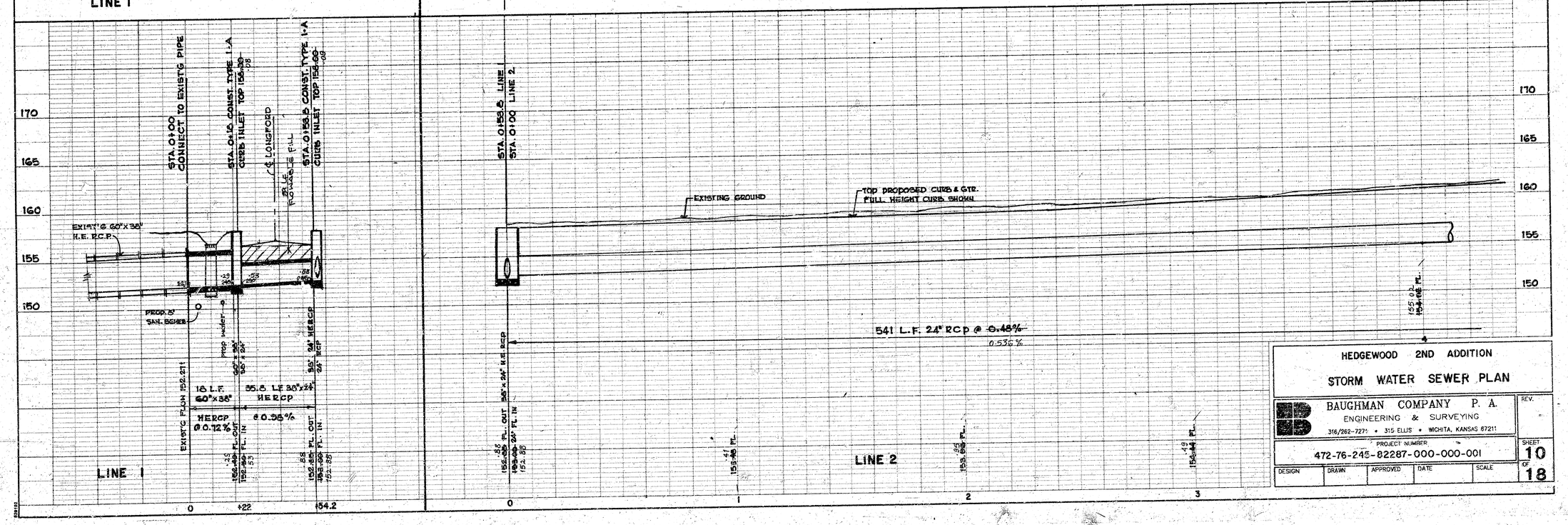
PROJECT NUMBER 472-76-245-82287-000-000-001

SHEET NO. 9 OF 18

DESIGN	DRAWN	UTIL. CHECK'D	DATE	SCALE
				1" = 20'







HEDGEWOOD 2ND ADDITION

STORM WATER SEWER PLAN

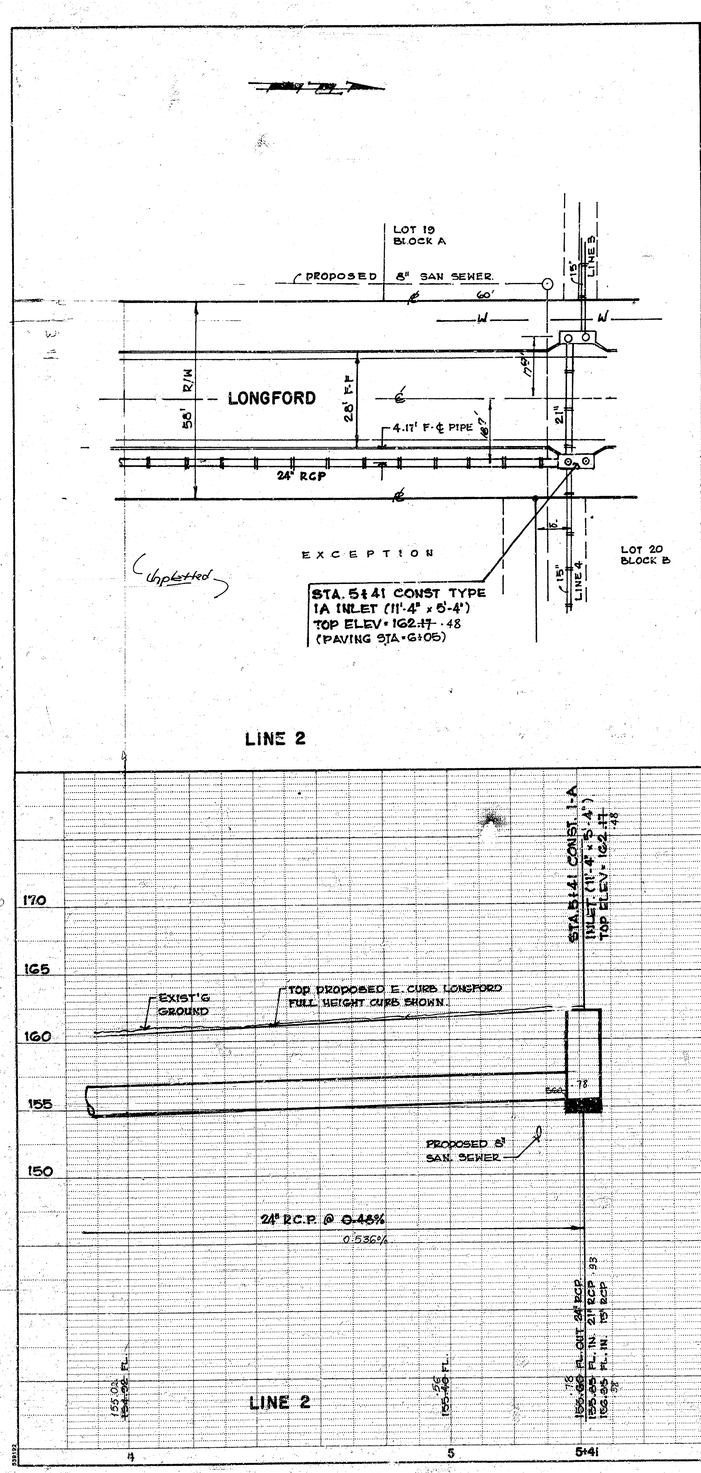
BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

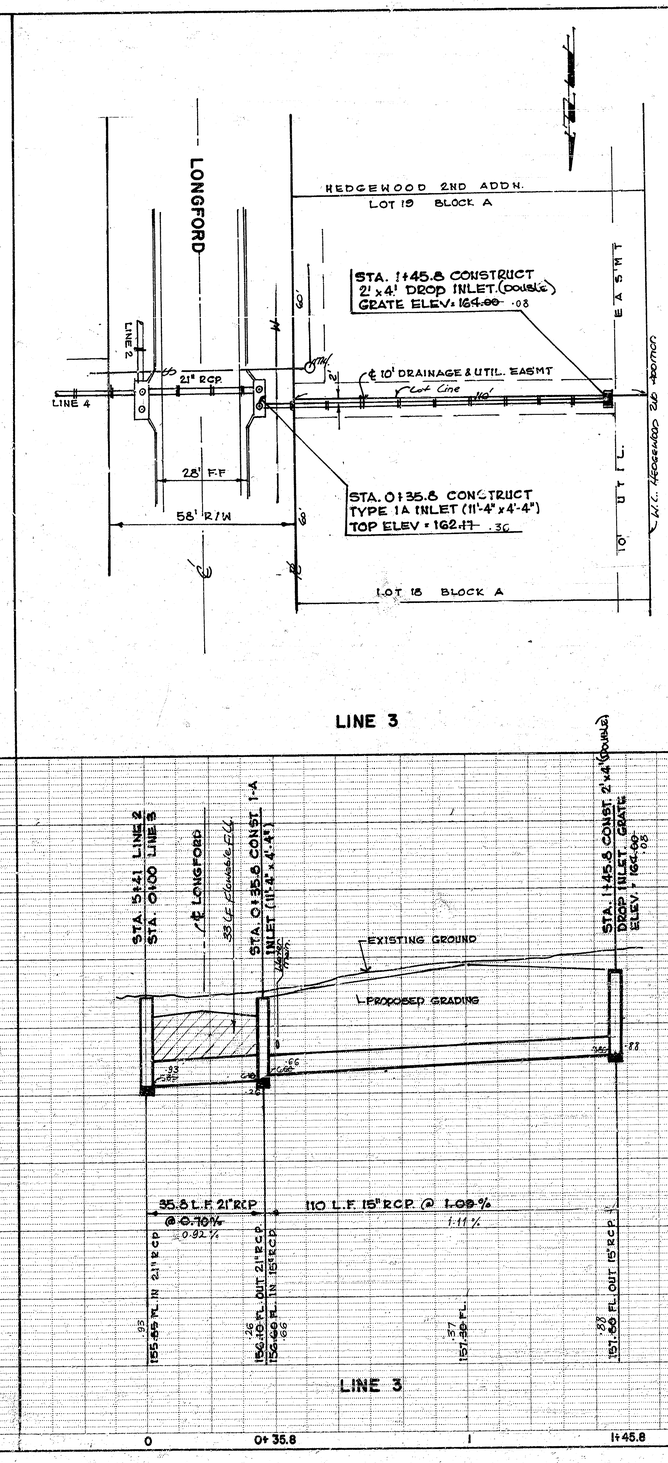
PROJECT NUMBER
472-76-245-82287-000-000-001

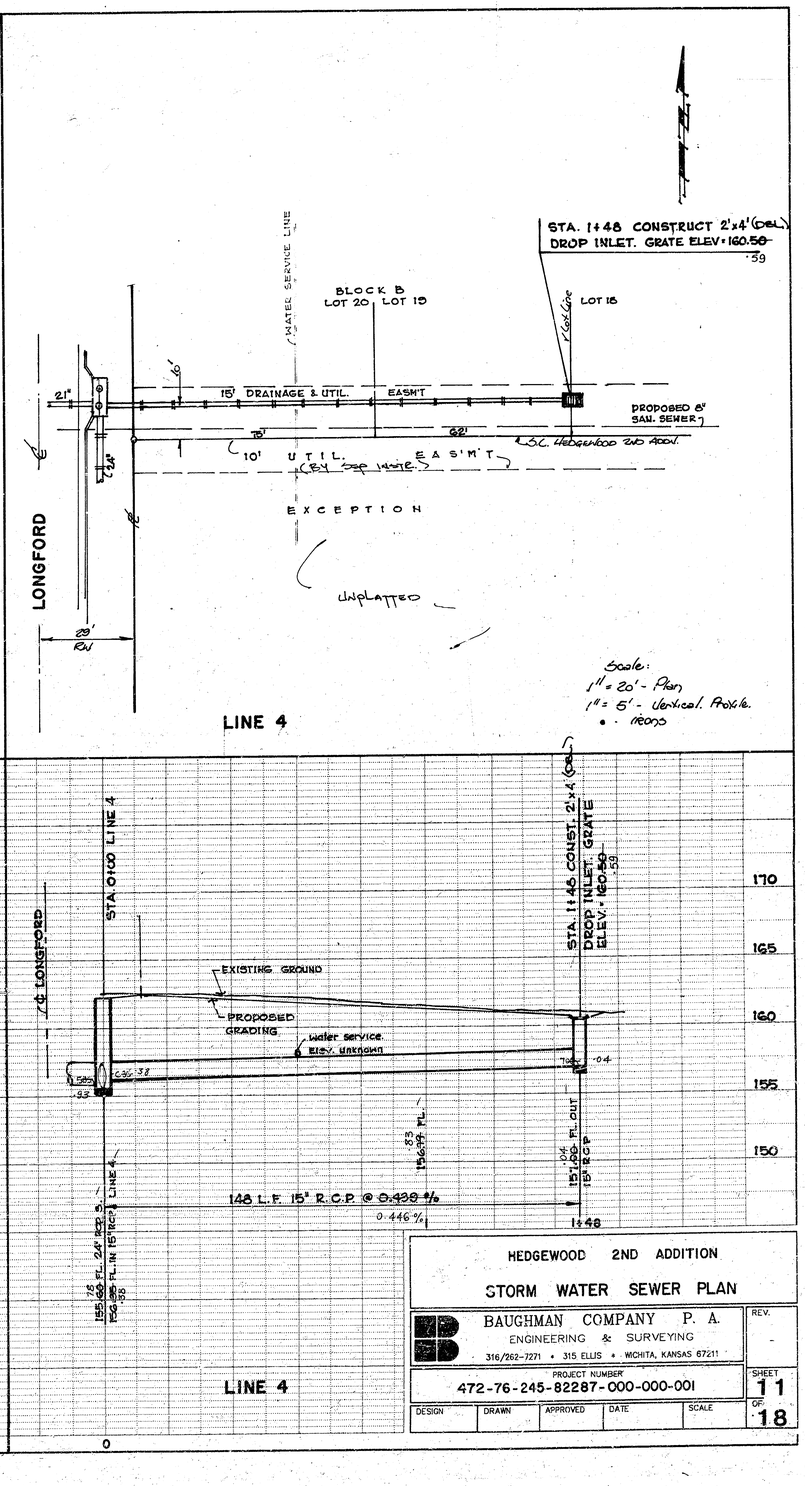
DESIGN	DRAWN	APPROVED	DATE	SCALE

REV.

SHEET 10 OF 18







Scale:
1" = 20' - Plan
1" = 5' - Vertical Profile
" " reads

HEDGEWOOD 2ND ADDITION

STORM WATER SEWER PLAN

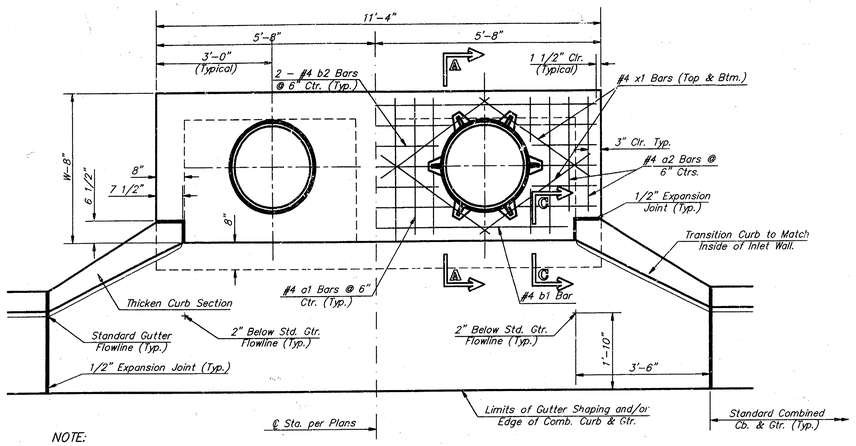
BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

REV. -

PROJECT NUMBER
472-76-245-82287-000-000-001

SHEET 11 OF 18

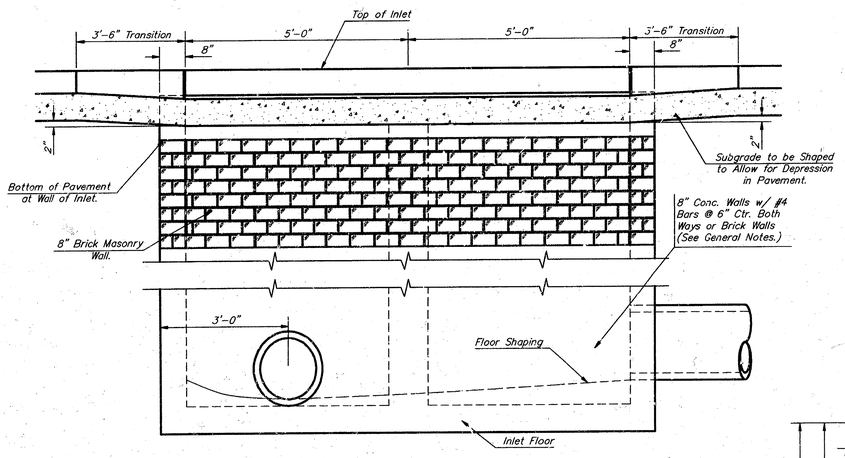
DESIGN	DRAWN	APPROVED	DATE	SCALE



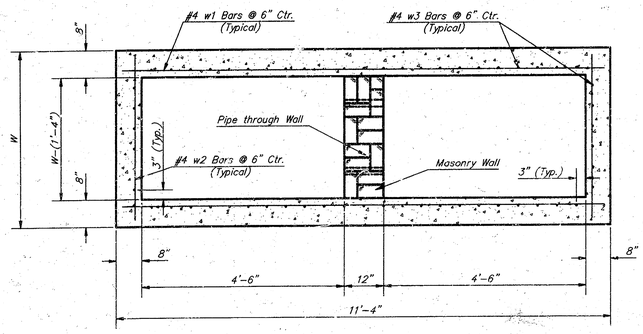
NOTE:
Expansion Joint Only in Curb Area with Concrete Pavement.

PLAN

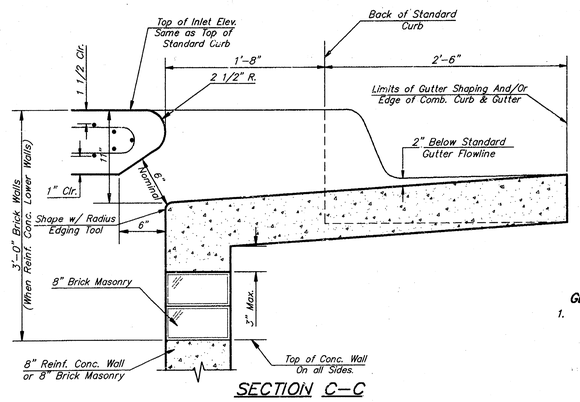
*Left Side Shown Without Slab Reinforcing, Right Side Shown With Slab Reinforcing



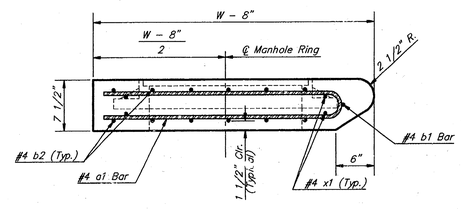
ELEVATION



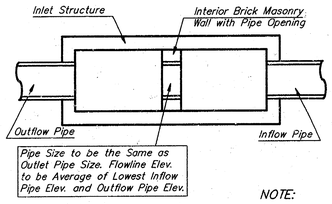
SECTION B-B



SECTION C-C

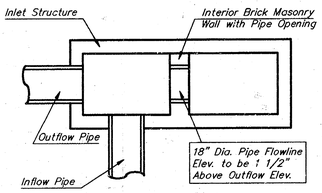


SECTION A-A



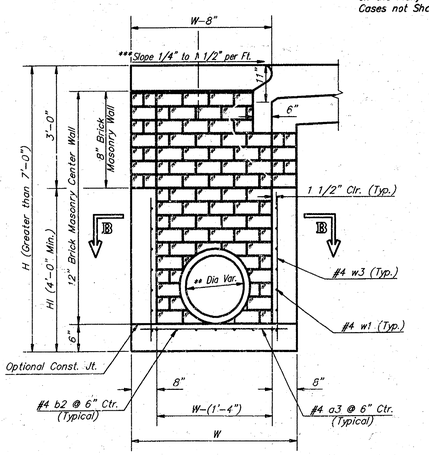
Pipe Size to be the Same as Outlet Pipe Size. Flowline Elev. to be Average of Lowest Inflow Pipe Elev. and Outflow Pipe Elev.

CASE I



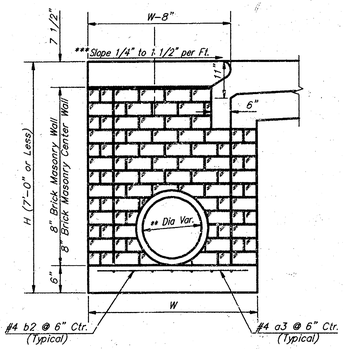
CASE II

NOTE:
Center Wall Pipe Size shall be as Specified in Inlet Construction Notes on the Plan/Profile Sheets for those Cases not Shown Here.



TYPICAL INLET SECTION AT CENTER WALL

(Reinforced Concrete Walls)



TYPICAL INLET SECTION AT CENTER WALL

(Masonry Walls)

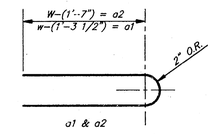
NOTES:
** A center wall opening shall be provided by means of a section of reinforced concrete pipe. See Case I and Case II above.
*** Slope of inlet tops to match sidewalk of parking slopes within limits indicated

PRECAST SLAB AND FLOOR REINFORCING										
		W = 4'-4"		W = 5'-4"		W = 6'-4"		W = 7'-4"		W = 8'-4"
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
* a1	#4	13	6'-7"	13	8'-7"	13	10'-7"	13	12'-7"	13	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
a3	#4	23	4'-1"	23	5'-1"	23	6'-1"	23	7'-1	23	8'-1"
b1	#4	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"
* b2	#4	23	11'-1"	29	11'-1"	35	11'-1"	41	11'-1"	47	11'-1"
x1	#4	16	3'-10"	16	4'-2"	16	4'-6"	16	4'-10"	16	5'-2"
WALL REINFORCING										
		W = 4'-4"		W = 5'-4"		W = 6'-4"		W = 7'-4"		W = 8'-4"
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	①	11'-1"	①	11'-1"	①	11'-1"	①	11'-1"	①	11'-1"
w2	#4	①	4'-1"	①	5'-1"	①	6'-1"	①	7'-1"	①	8'-1"
w3	#4	52	②	56	②	60	②	64	②	68	②

* Field Bend or Cut Reinforcing as Required for Clearance.
① 4 (Hi - 12") (Hi - 21") Rounded down to nearest 0.5'
② Hi - 3"

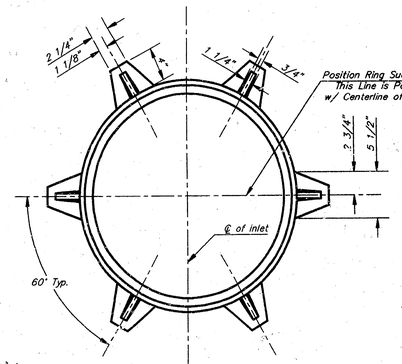
GENERAL NOTES:

1. The contractor shall be required to construct 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" or less and H=7'-0" or less. When W is greater than 6'-4" and H is less than 7'-0" the outside inlet walls below the brick stack shall be reinforced concrete construction and the center wall shall be of masonry construction as shown for the masonry wall option.
2. 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.
3. 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.
4. Inlet top reinforcing shall be spaced on 6" max. centers. Inlet lids shall be notched out as indicated to facilitate construction of curb. Bars in inlet top to be field bent or cut to clear manhole ring.
5. The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.



BENDING DIAGRAM

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" 11'-4" 7 1/2"	21" & SMALLER	0.83±
5'-4"	4'-8" 11'-4" 7 1/2"	24" & 30"	1.09±
6'-4"	5'-8" 11'-4" 7 1/2"	36" & 42"	1.35±
7'-4"	6'-8" 11'-4" 7 1/2"	48" & 54"	1.61±
8'-4"	7'-8" 11'-4" 7 1/2"	60" & 66"	1.87±



MANHOLE RING AND COVER

Weight = 180 lbs.

*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.

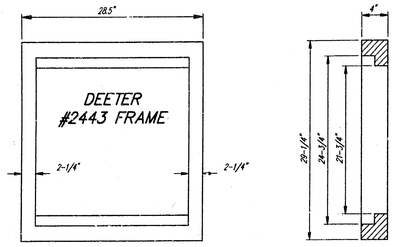
Revised - Feb. 16, 1989

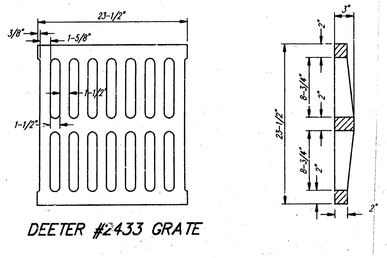
CITY OF WICHITA STANDARD TYPE 1A
CURB INLET DETAILS
INLET OPENING = 6" x 10'-0"

PROJECT NUMBER 472 76 245 82287 000 000 001

SHEET 12 OF 18

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

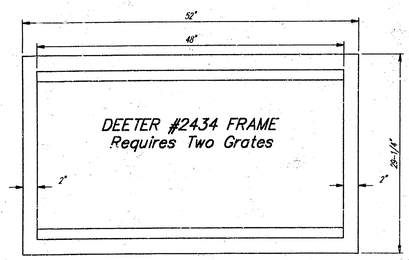




DEETER #2433 GRATE

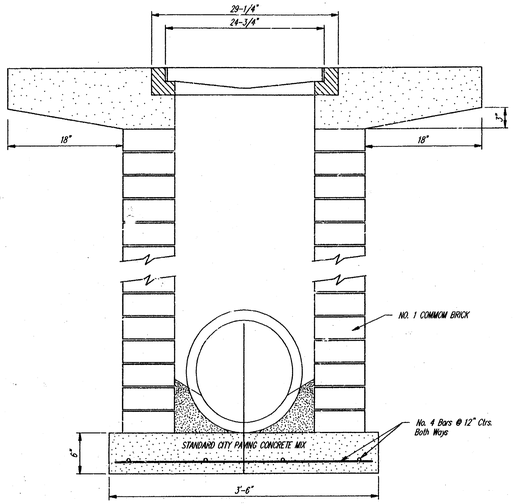
NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be approved by the engineer.

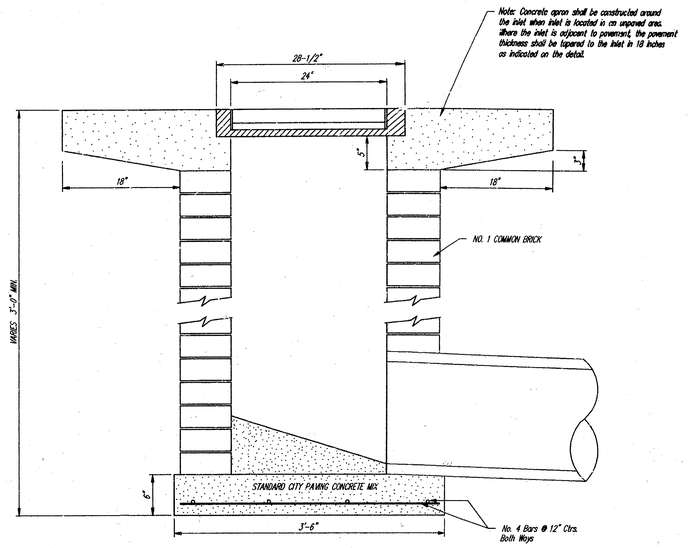
24" x 24" Frame and Grate Detail

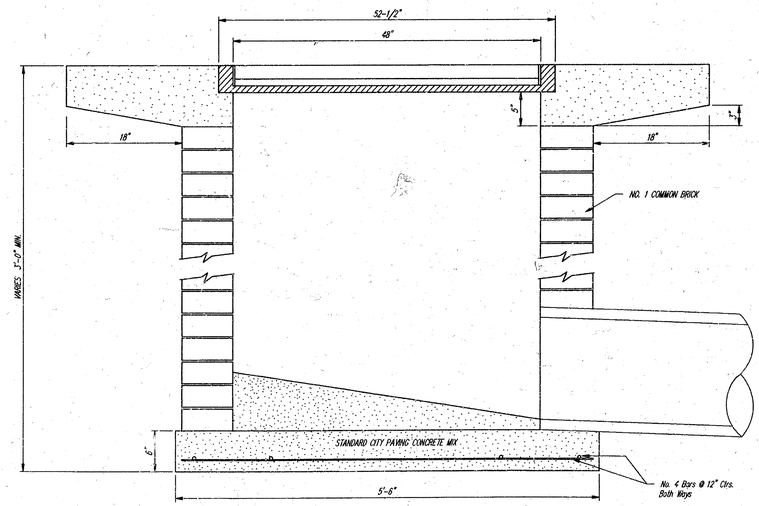




Double 24" x 24" Frame Detail



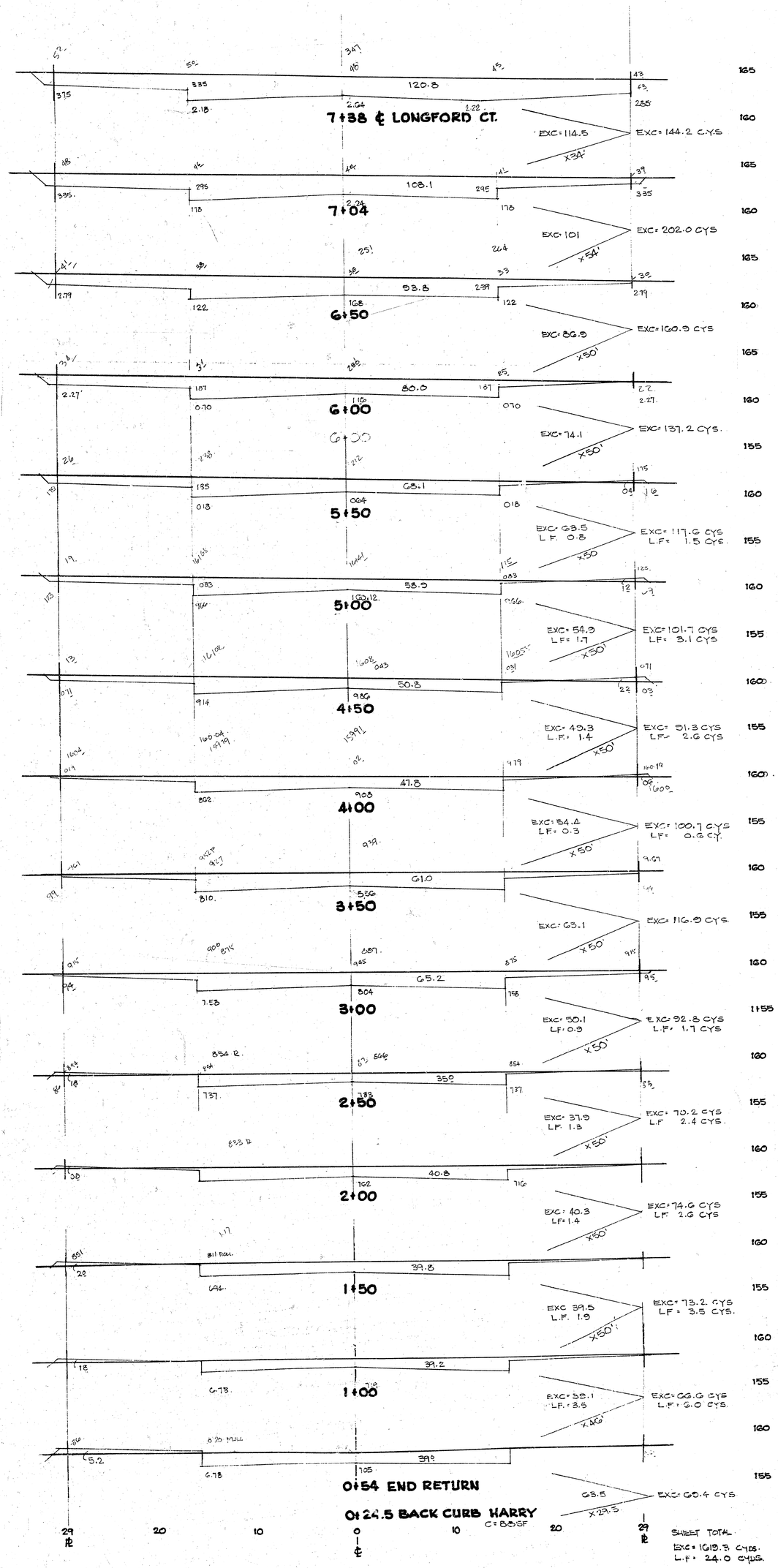




DROP INLET DETAILS

M.E. Lindebak, City Engineer
City of Wichita, Kansas

Project Number	13
472-76-245-82287-000-000-001	18

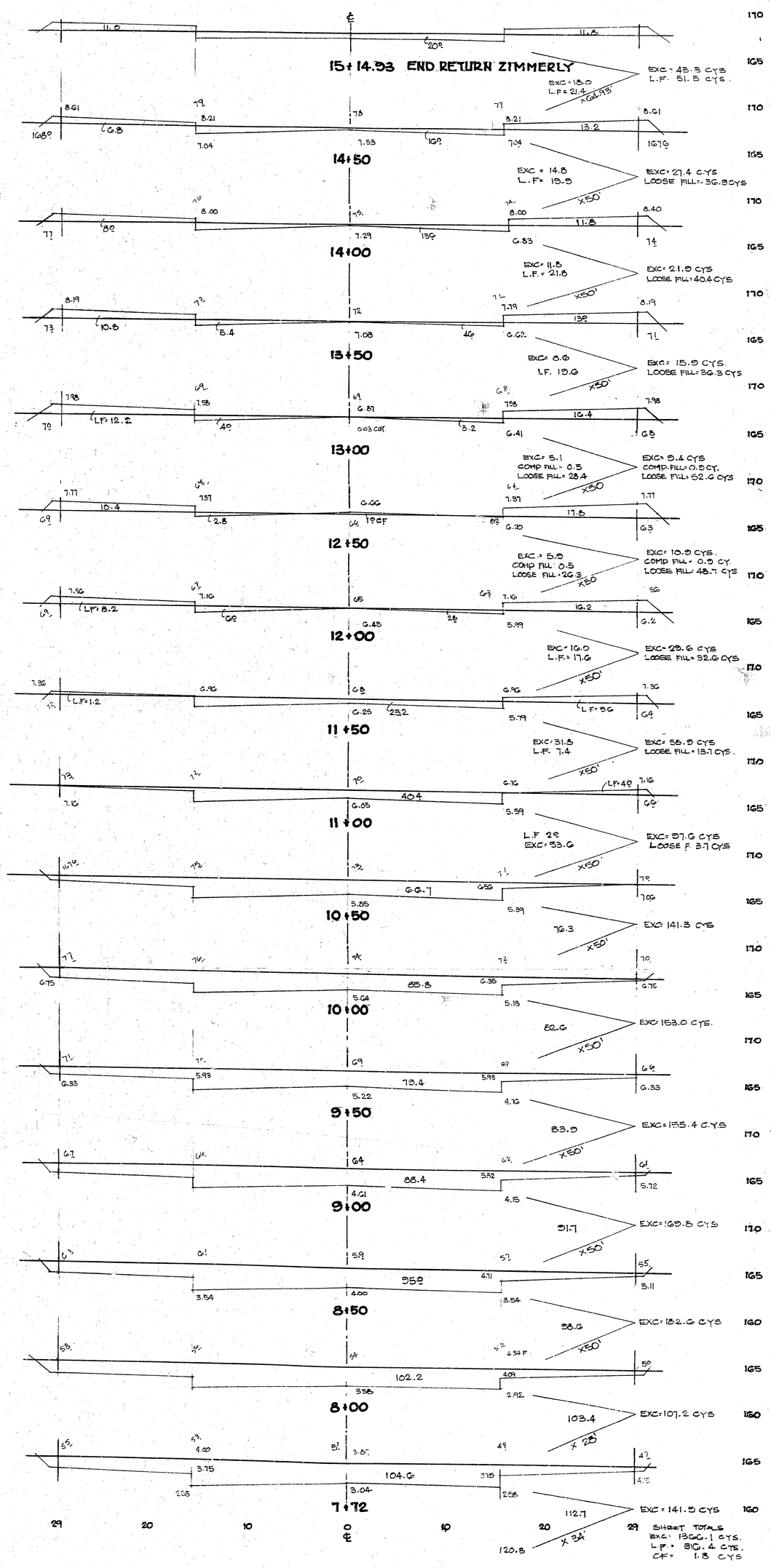


GRAND TOTAL
EXC= 2055.4 CYS.
CF= 1.8 CYS.
L.F= 34.0 CYS.

472-76-245-82287-000-000-001

LONGFORD STREET
Hedgewood 2nd Addn.

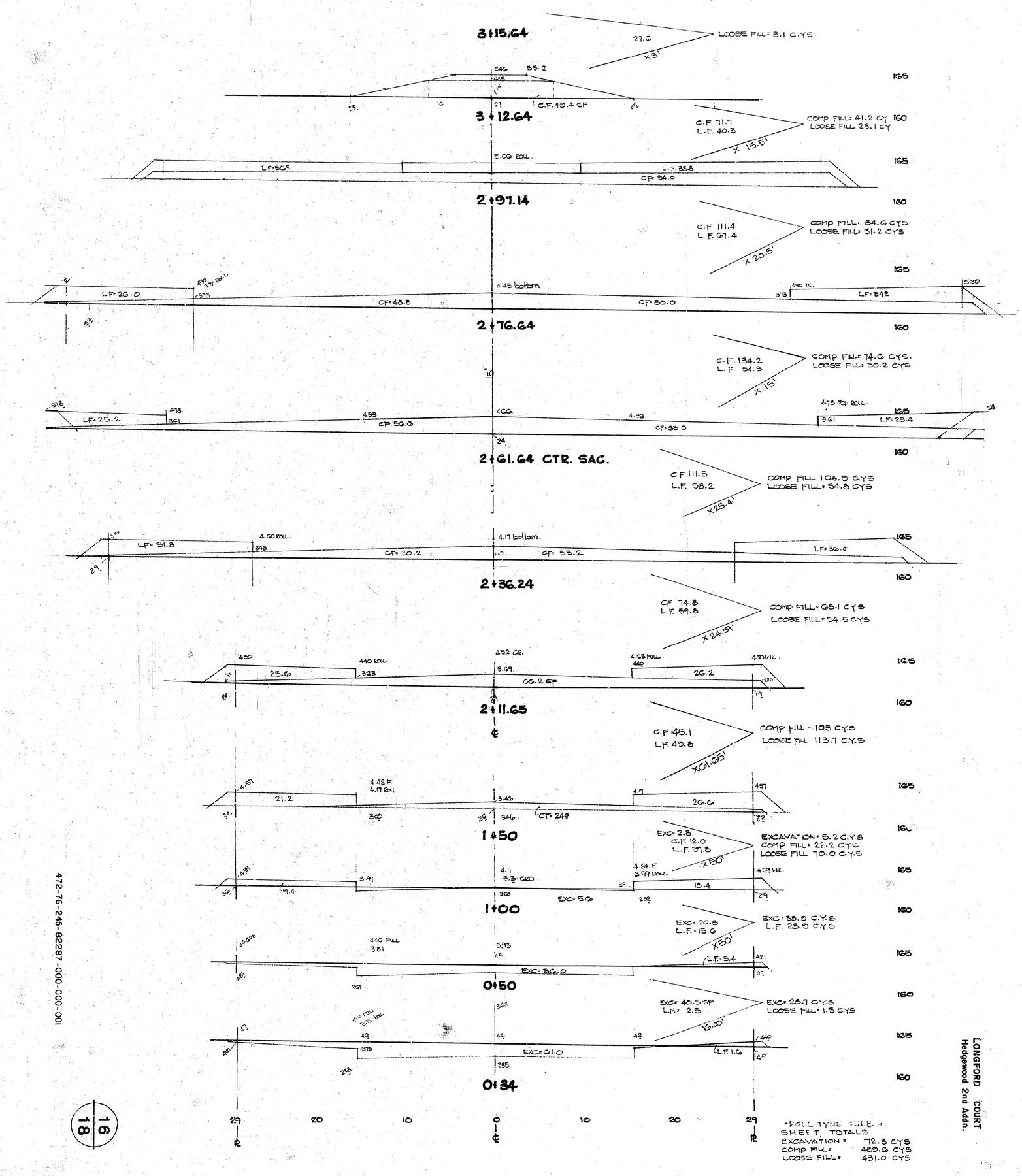
14
18



LONGFORD STREET
Hedgewood 2nd Addn.

472-76-245-82287-000-000-001

15
18

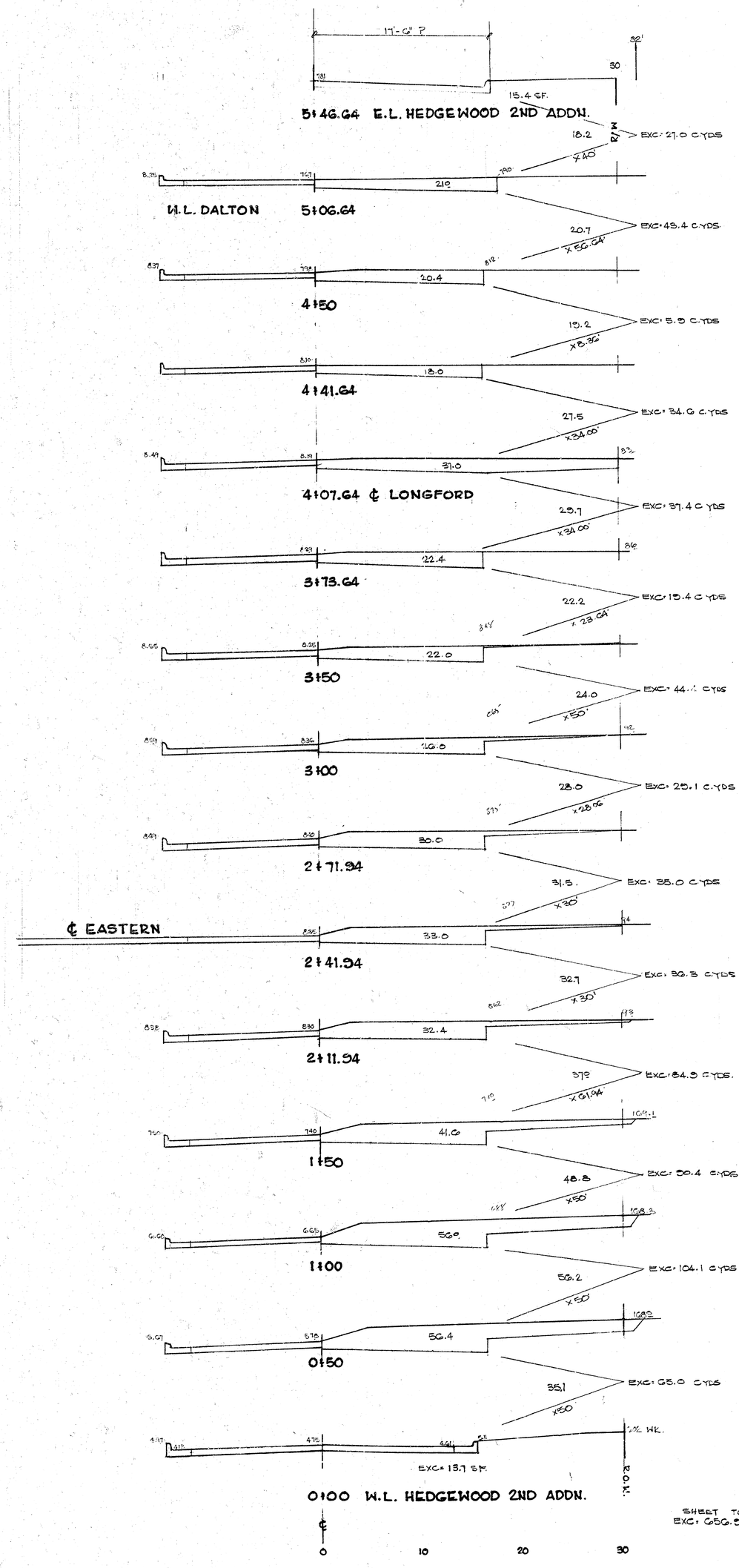


-ROLL TYPE CURB -
SHEET TOTALS
EXCAVATION = 72.8 CYS
COMP FILL = 459.6 CYS
LOOSE FILL = 431.0 CYS

16
18

472-76-245-82287-000-000-001

LONGFORD COURT
Hedgewood 2nd Addn.



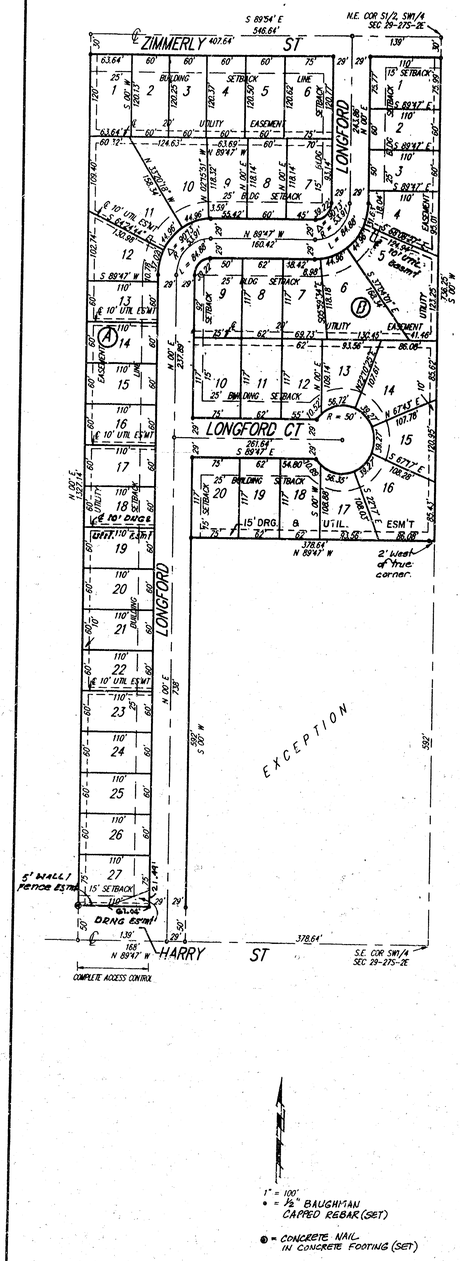
SOUTH 1/2 ZIMMERLY STREET
HEDGEWOOD 2ND ADDITION

472-76-245-82287-000-000-001

17
18

HEDGEWOOD 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



State of Kansas) SS
Sedgwick County)

We, Baughman Company, P.A., Surveyors in aforesaid County and State do hereby certify that we have surveyed and platted "HEDGEWOOD 2ND ADDITION", Wichita, Sedgwick County, Kansas and that the accompanying plat is a true and correct exhibit of the property surveyed, described as the east 16⅔ acres of the S1/2 of the SW1/4 of Sec. 29, Twp. 27-S, R-2-E of the 6th P.M., Sedgwick County, Kansas, except the east 378.64 feet of the south 592 feet thereof.

Existing public easements and dedications being vacated by virtue of K.S.A. 12-512(b).

Baughman Company, P.A.

Date 11-2-92

Gregory F. Severns Surveyor

GREGORY F. SEVERNS REGISTERED LS-876 KANSAS LAND SURVEYOR

Know all men by these presents that we, the undersigned, have caused the land described in the surveyors certificate to be platted into Lots, Blocks, and Streets, to be known as "HEDGEWOOD 2ND ADDITION", Wichita, Sedgwick County, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The streets are hereby dedicated to and for the use of the public. All abutters rights of access to or from Harry St., over and across the south line of Lot 27, Block A, are hereby granted to the City of Wichita, Kansas. The wall/fence easement is hereby granted as indicated for the construction and maintenance of a private screening wall or fence and utility main lines and service lines are allowed to cross this easement.

Casado-McKay, Inc., a Kansas corporation

John W. McKay Jr. Pres.
John W. McKay Jr.

We, the undersigned, holder of a mortgage on the above described property, do hereby consent to this plat of "HEDGEWOOD 2ND ADDITION," Wichita, Sedgwick County, Kansas.

Monroe Crandall
Monroe Crandall

Marcelle Crandall
Marcelle Crandall

State of Kansas) s.s.
Sedgwick County)

The foregoing instrument acknowledged before me this 28th day of January, 1993, by Monroe Crandall and Marcelle Crandall.

My Appt Exp. 2-3-95

Mildred E. Franz
Mildred E. Franz Notary Public

State of Kansas) SS
Sedgwick County)

The foregoing instrument acknowledged before me, this 27th day of October 1992, by John W. McKay Jr., President of Casado-McKay, Inc., a Kansas Corporation, on behalf of the corporation.

Mildred E. Franz Notary Public

My App't. Exp. 2-3-95 Mildred E. Franz

This plat of "HEDGEWOOD 2ND ADDITION", Wichita, Sedgwick County, Kansas, has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 10th day of September 1992.

Wichita-Sedgwick County Metropolitan Area Planning Commission.

Christopher J. Goebel Chairman

Marvin S. Krout Secretary

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION SEAL KANSAS

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this 15 day of December 1992.

Frank McNeil Mayor

Pat Burnett DEPUTY City Clerk
Pat Burnett

THE CITY OF WICHITA SEDGWICK COUNTY, KANSAS

Entered on transfer record this 14th day of April 1993.

Susan E. Crockett-Spoon County Clerk
Susan E. Crockett-Spoon.

CLERK OF SEDGWICK COUNTY SEDGWICK COUNTY, KANSAS KANSAS

1282532

State of Kansas) SS
Sedgwick County)

This is to certify that this plat has been filed for record in the office of the Register of Deeds, this 15th day of April 1993, at 9 o'clock A.M. and is duly recorded.

Pat Kettler Register of Deeds
Pat Kettler by Ed Resa

Ed Resa Deputy
Ed Resa

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