SHEET NO.	TOTAL SHEETS
1	10

PLANS FOR

STORM WATER SEWER IMPROVEMENTS

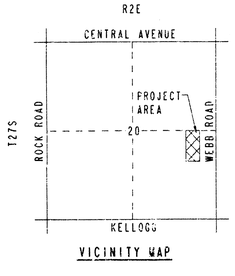
FOR

LOT 2
PHI ADDITION

CITY OF WICHITA PRIVATE PROJECT NO. 491PPS (6007861)

INDEX OF SHEETS

1. TITLE SHEET
2. DRAINAGE DETAILS
3. DRAINAGE PLAN
4.-5. SWS PROFILES
6. TYPICAL SECTIONS & DRAINAGE DETAILS
7. R. C. MANHOLE DETAILS
8. MANHOLE FRAME & COVER DETAIL
9. STANDARD TYPE IA CURB INLET
10. PLAT



VICINITY MAP

DRAWING NAME: J:\6\94326 TITLE
CENTER COORDINATES:
ROTATION ANGLE:
DATE LAST WORKED ON:
DAR CHONK

AUGUST, 1994

PLANS PREPARED BY

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

SANITARY SEWERS _____

STORM SEWERS VRH 9/1/94

DRIVEWAY APPROACHES _____

WATER MAINS _____

PAVING _____

MICHAEL W. [illegible]
9029
KANSAS
PROFESSIONAL ENGINEER
8-31-94

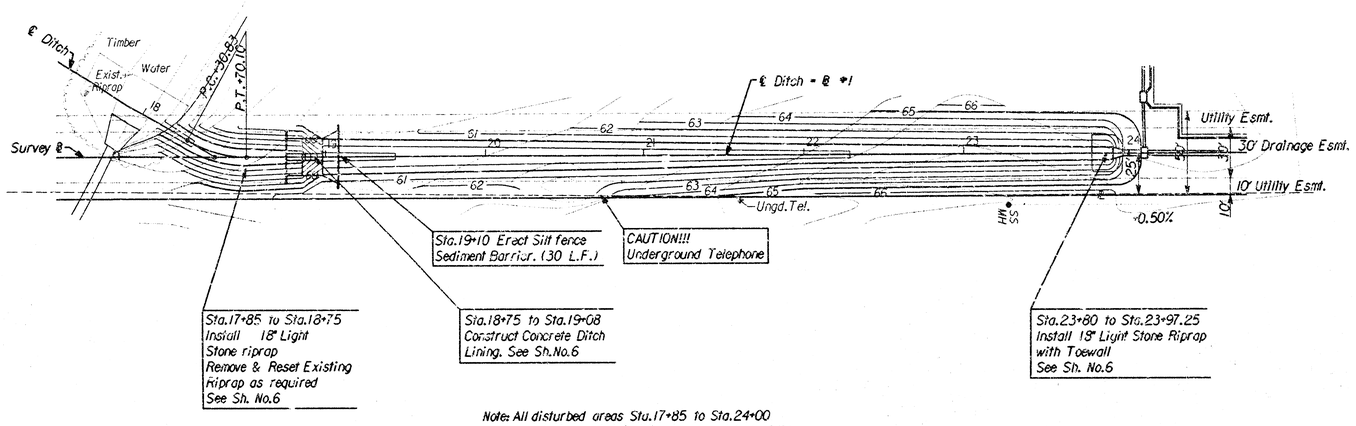
NOTE TO CONTRACTOR

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

SHEET NO.	TOTAL SHEETS
2	10

℄ Curve Data
P.I. Sta.18+50.93 (Bk.)=
P.I. Sta.18+50.00 (Ahd.)=
℄ Sta.18+50.00
△=30°00'00"
D=76°23'40"
R=75.00'
T=20.10'
L=39.27'
E=2.65'

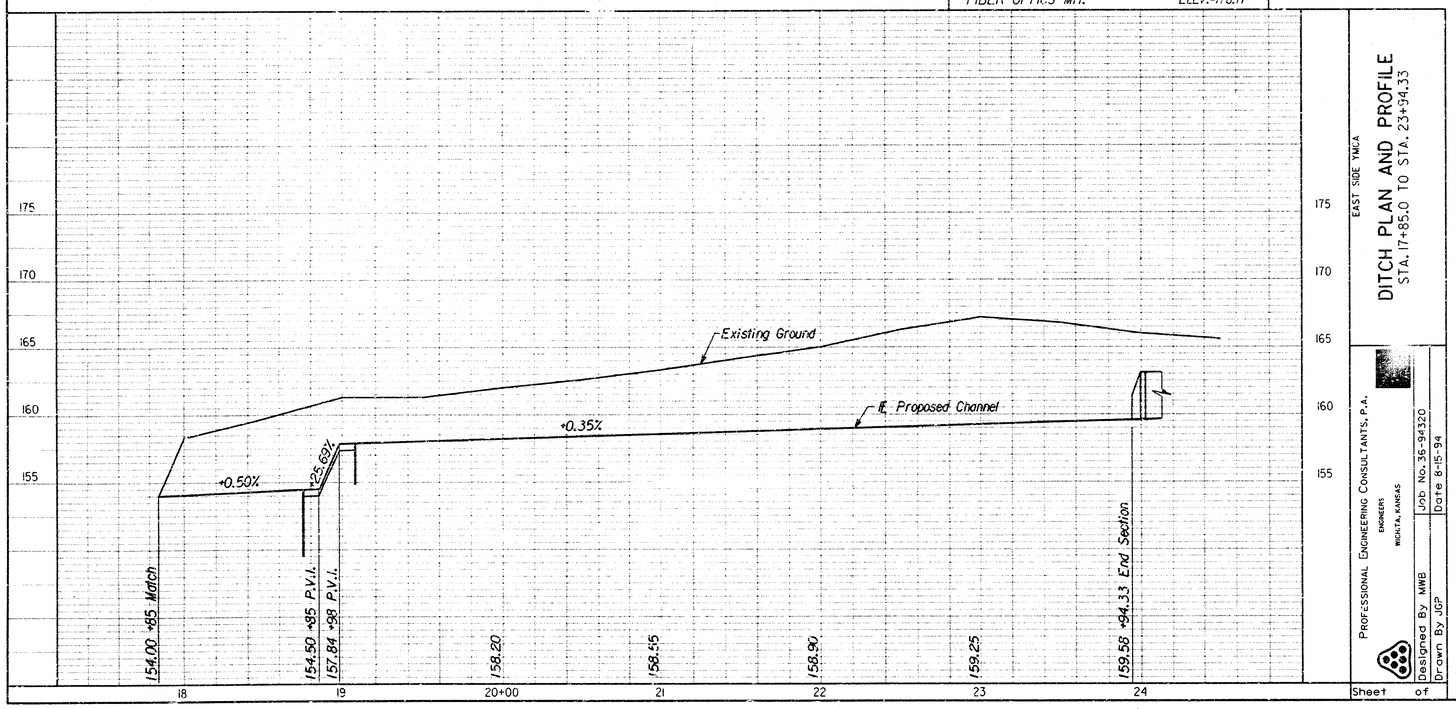
SCALE: 1"=40'



Note: All disturbed areas Sta.17+85 to Sta.24+00 are to be seeded, fertilized, and mulched at the following rates:

Prairie Hay Mulch	1500 lbs./acre
K-31 Fescue	300 lbs./acre
Fertilizer 10-20-10	350 lbs./acre

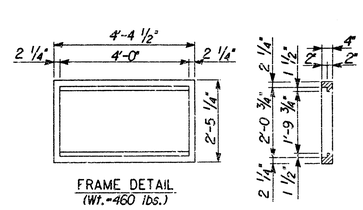
B.M. - CHISELED "□" ℄ CONCRETE SLAB OF FIBER OPTICS MH. ELEV.=176.11



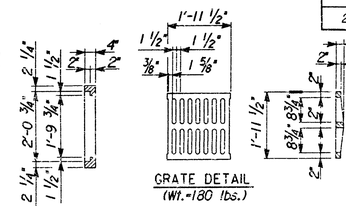
DITCH PLAN AND PROFILE
STA. 17+85.0 TO STA. 23+94.33
EAST SIDE YMCA

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS
Designed By MWB
Drawn By JGP
Job No. 36-94320
Date 8-15-94

Sheet of



FRAME DETAIL
(Wt.=460 lbs.)



GRATE DETAIL
(Wt.=180 lbs.)

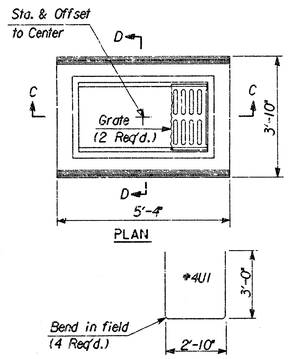
GENERAL NOTES

ALL EXPOSED EDGES OF CONCRETE SHALL BE FINISHED WITH AN APPROVED EDGING TOOL.

REINFORCING STEEL SHALL BE A MINIMUM GRADE 40, A.S.T.M. A615. ALL DIMENSIONS RELATIVE TO PLACEMENT OF REINFORCING ARE TO THE CENTERLINE OF BARS UNLESS OTHERWISE NOTED.

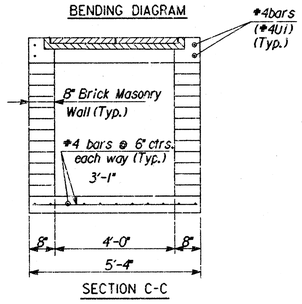
INLET CASTINGS SHALL BE MANUFACTURED USING GOOD QUALITY GRAY IRON CONFORMING TO CLASS 30 OF A.S.T.M. DESIGNATION A-48. DIMENSIONS AND WEIGHTS SHOWN ON THE DETAILED DRAWINGS SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS AND ANY DEVIATIONS FROM THE DIMENSIONS SHOWN MUST BE SPECIFICALLY APPROVED. THE FINISHED CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE DISTORTIONS OR OTHER DEFECTS.

INLET FLOOR SHALL BE SHAPED WITH UNREINFORCED CLASS B 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.

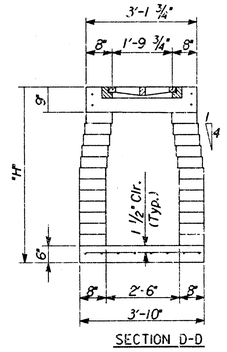


PLAN

BENDING DIAGRAM



SECTION C-C



SECTION D-D

AREA INLET (TYPE I)

No.	Revisions	By	Date

DRAINAGE DETAILS

SEDGWICK COUNTY

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	MWB, DRC	Checked by	
Drawn by	JGP	Date AUG., 1994	Job No. 94320

SHEET NO.	TOTAL SHEETS
3	10

LEGEND

2" Irr. Irrigation Sleeve Location & Size
Use Schedule 40 Steel Pipe
18" Below Grade.

Sta. 23+25.0, Line No. 1A
Construct Std. Type 1A
Curb Inlet
L=6'-4", W=4'-4", H=3.95
Top Elev.=164.10
Ft. Out=160.86

Install 231.6 LF. 18" RCP

Sta. 20+33.4, Line No. 1A
Construct Std. Type 1A
Curb Inlet
L=6'-4", W=4'-4", H=4.13
Top Elev.=163.30
Ft. In=159.98 (W)
Ft. Out=159.88 (E)

Sta. 10+10 Line No.1=
Sta. 24+12.50 @ ℄ +/-
Sta. 20+00 Line No. 1A
Construct R. C. Manhole
L=4'-6", W=6'-6", H=6.00, HT=0.70'
Top Elev.=165.00
Ft. In=159.78 (W)
Ft. In=159.78 (N)
Ft. Out=159.68 (S)

Sta. 10+00 Line No. 1=
Sta. 24+02.50 @ ℄
Install 42" R.C. End Section
Ft. Out=159.60

℄ Ditch-Survey B ℄
See Sh.No. SG-1.2

Install 33.4 LF. 18" RCP

Sta. 12+36.8, Line No. 1 = Sta 26+39.3
@ ℄ 1.2' Rt.
Construct R. C. Manhole over Existing
36" RCP
L=7'-0", W=5'-9", H=7'-9", HT=0'-9"
Top Elev.=167.90
Ft. In=161.19 (NNW)
Ft. In =163.52 (NE)
Ft. Out=160.89 (S)

CAUTION!!! Buried
Telephone Cable
(Private)
Contact Architect prior
to excavation

6" SS Service Line
(min. pipe slope 1%)

Utility Esmt.

30' Drainage Esmt.

10' Utility Esmt.

Install 10.0 LF. 42" RCP

Install 226.8 LF. 36" RCP

S 0°04'42" E

BM - CHIS. SQUARE S. ℄ CONC. SLAB OF FIBER OPTIC CABLE MANHOLE AT NE COR. YMCA PROPERTY
ELEV.=176.11

FINISHED FLOOR
ELEV. = 170.00

Sta. 17+90.4, Line No. 1
Construct Area Inlet (Ty.I)
L=5'-4", W=3'-10", H=3.67'
Top Elev.=166.50
Ft. Out=163.55

Install 105.4 LF. 15" RCP

Sta. 16+85.0, Line No. 1
Construct R. C. Manhole
L=4'-6", W=4'-6", H=5'-9", HT=1'-0"
Top Elev.=168.60
Connect to RL
Ft. In=165.00 (S)
Ft. In=163.15 (SW)
Ft. Out=163.10 (E)

Scale: 1"=20'

Cable TV Service

Install 115.2 LF. 15" RCP

125' Building Setback

125' Landscape Buffer

Sta. 15+69.8, Line No. 1
Construct R. C. Manhole
L=4'-6", W=4'-6", H=6'-8", HT=0'-9"
Top Elev.=169.00
Connect 10"RL
Ft. In=164.00 (SSW)
Ft. In=162.66 (W)
Ft. Out=162.56 (SE)

Sta. 14+40.2 Line No. 1
Construct Area Inlet (Ty.I)
L=5'-4", W=3'-10", H=4.91'
Top Elev.=166.00
Ft. In=162.07 (NW)
Ft. Out=161.80 (SSE)

Install 129.6 LF. 15" RCP

Install 203.4 LF. 18" RCP

No.	Revisions	By	Date
1			

DRAINAGE PLAN

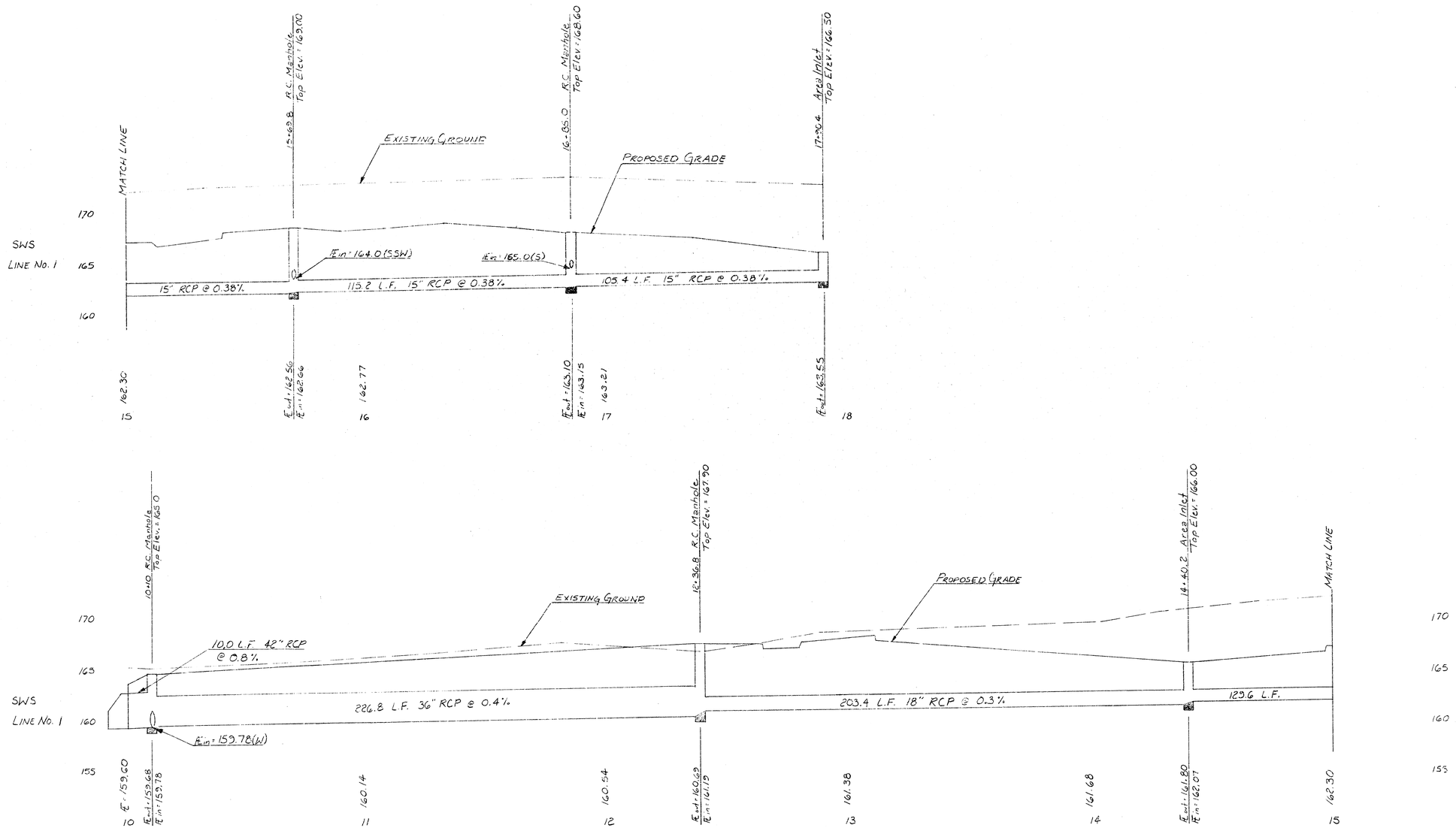
SEDGWICK COUNTY

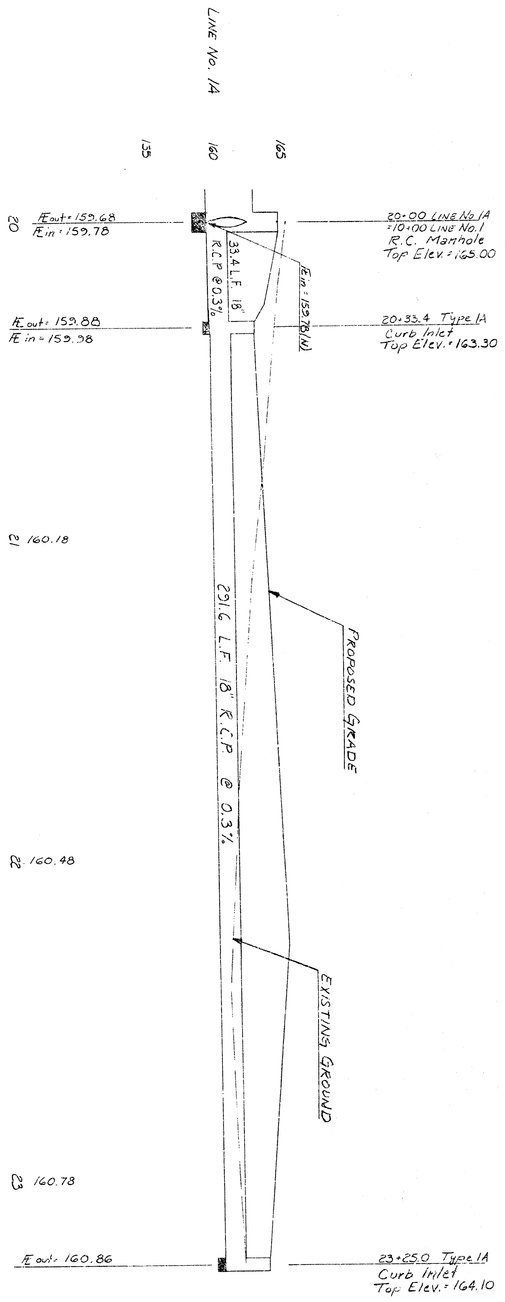
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	WHB, DRC	Checked by	
Drawn by	JGP	Date	AUG. 1994
		Job No.	94320

usr/ustn/dgn/
drawn by :
plotted by :

EAST SIDE YMCA
SWS PROFILES
36-94320-298



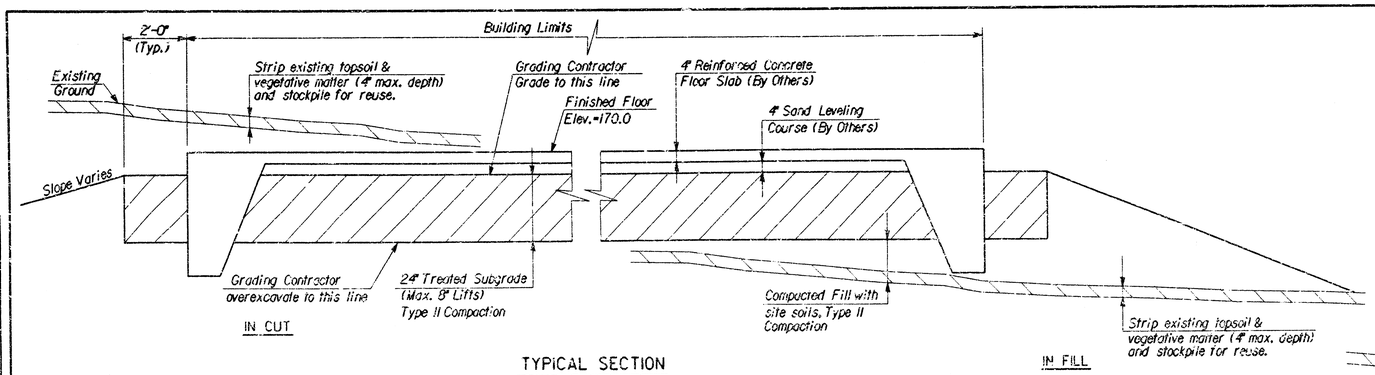


EAST SIDE YMCA
SWS PROFILES
36-34320-298

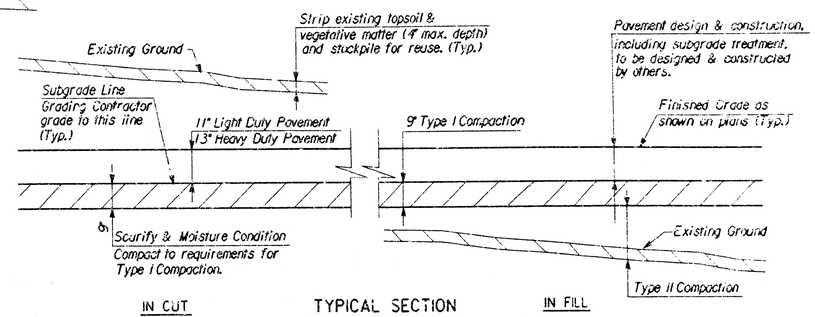
5:10

SHEET NO.	TOTAL SHEETS
6	10

REFERENCES NOTED
REFERENCES CHECKED

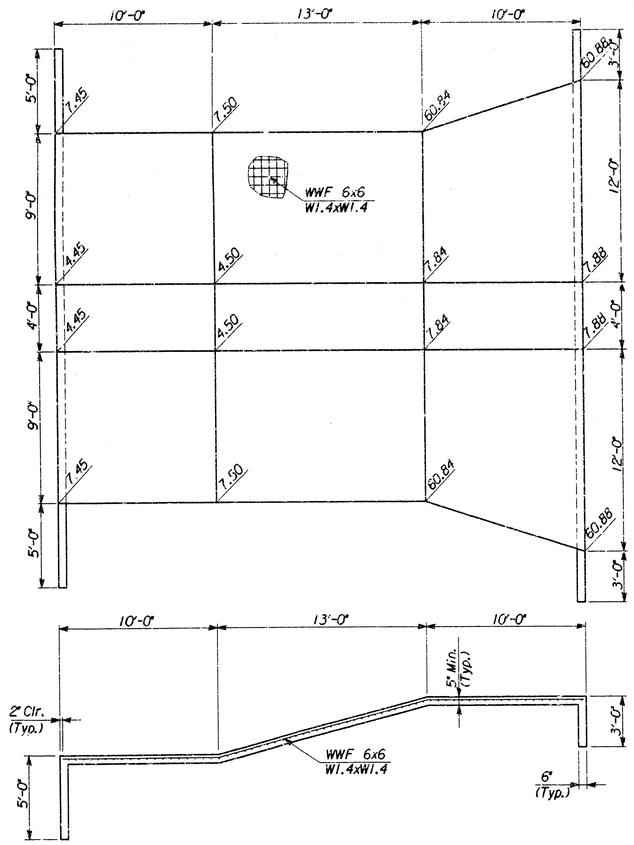


TYPICAL SECTION
BUILDING PAD

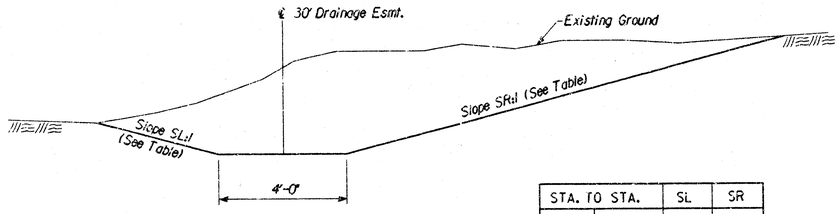


TYPICAL SECTION
PARKING LOT

NOTE: Contractor to retain an approved laboratory to perform soils tests to determine application rate of Hydrated Lime or Class C Fly Ash at his own expense.

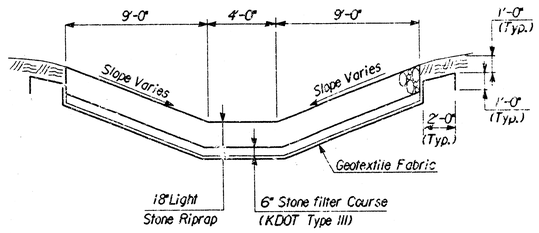


CONCRETE DITCH LINING

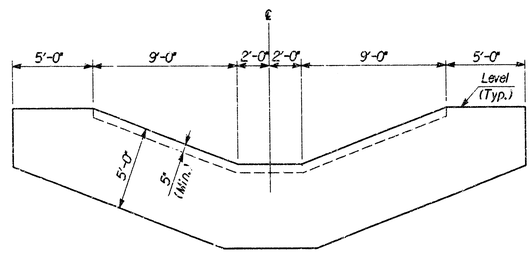


TYPICAL SECTION
DITCH

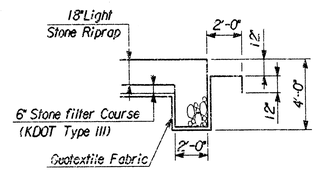
STA. TO STA.		SL	SR
17+85	18+98	3:1	3:1
18+98	19+08	Trans.	Trans.
19+08	21+00	4:1	4:1
21+00	22+00	4:1	Trans.
22+00	23+94.33	4:1	3:1



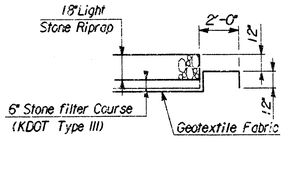
TYPICAL SECTION



DOWNSTREAM END ELEVATION
SHOWING TOEWALL
(UPSTREAM END SIMILAR)



END SECTION WITH TOEWALL



END SECTION NO TOEWALL

LIGHT STONE RIPRAP

1. ALL RIPRAP FOR THIS PROJECT SHALL BE NATURAL STONE. NEITHER BROKEN CONCRETE, FABRIC ENVELOPE NOR PREMIXED DRY PACKAGED CONCRETE BAG ALTERNATES WILL BE ALLOWED.
2. RIPRAP SHALL NOT BE GROUTED ON THIS PROJECT.
3. GEOTEXTILE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF THE "STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION", KDOT, 1990.

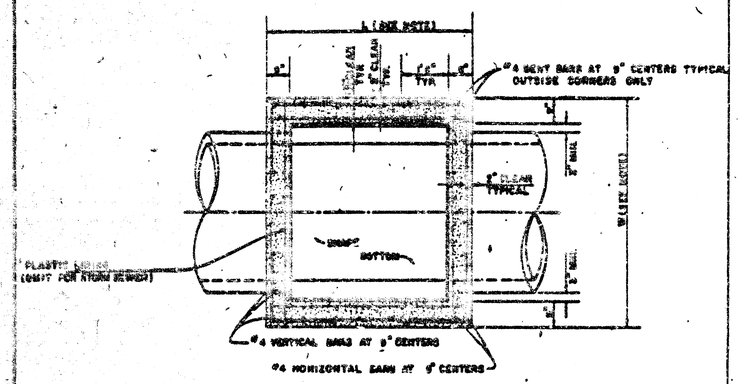
No.	Revisions	By	Date
1			

TYPICAL SECTIONS & DRAINAGE DETAILS

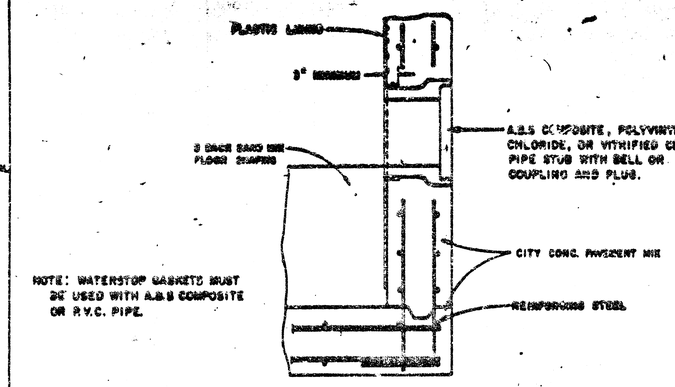
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	MWB, DRC	Checked by	
Drawn by	JGP	Date AUG., 1994	Job No. 94320

Drawing Name : usr/ustv/dgn/
Drawn By :
Plotted By :

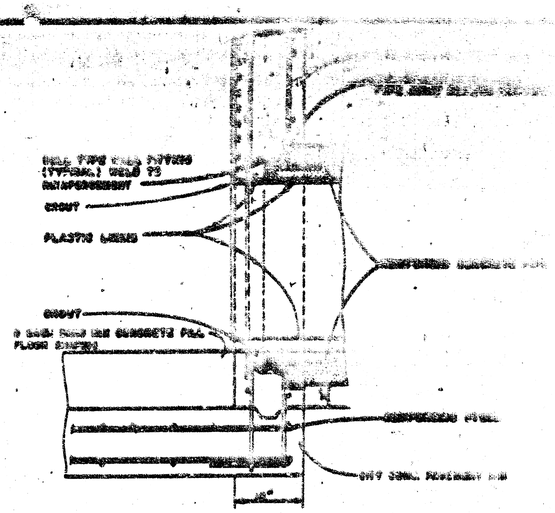


TOP VIEW

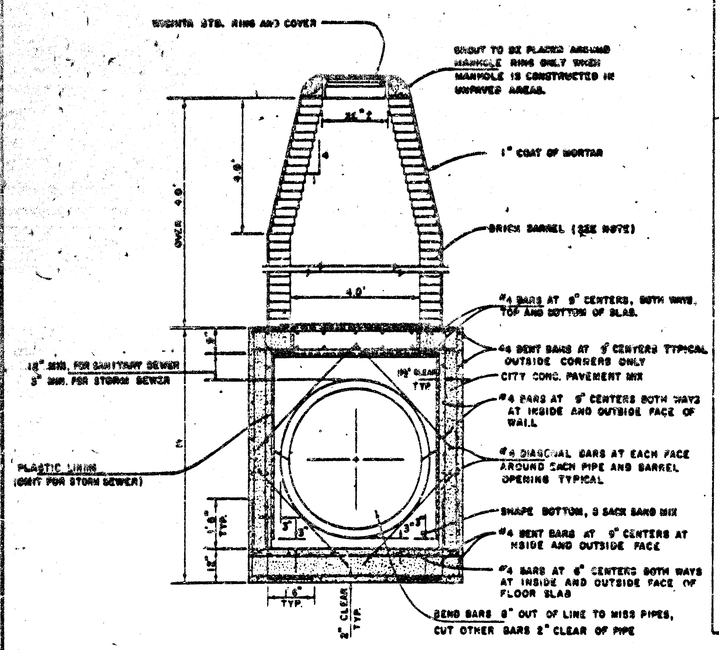


NOTE: WATERSTOP GASKETS MUST BE USED WITH A.B.S COMPOSITE OR P.V.C. PIPE.

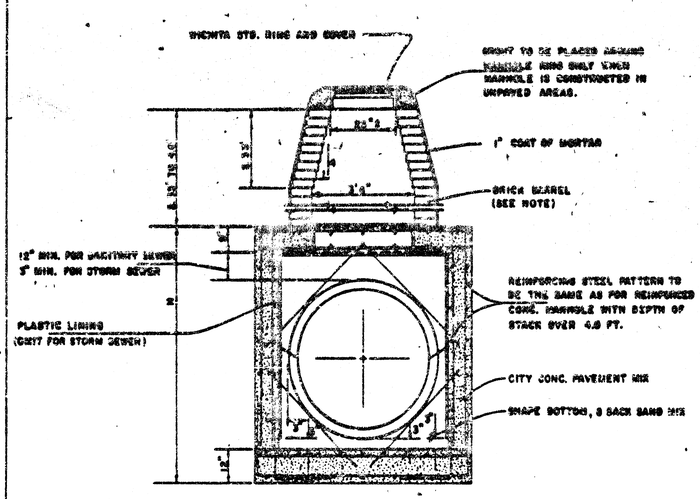
PIPE STUB DETAIL
SANITARY SEWER ONLY



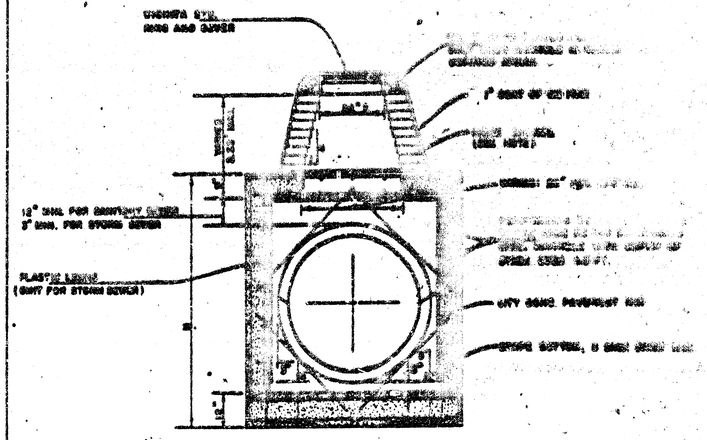
R.C.P. CONNECTION DETAIL
SANITARY SEWER ONLY



REINFORCED CONCRETE MANHOLE
DEPTH OF STACK: OVER 4.0'
SCALE 1" = 2'



REINFORCED CONCRETE MANHOLE
DEPTH OF STACK: 2.33' TO 4.0'
SCALE 1" = 2'



REINFORCED CONCRETE MANHOLE
DEPTH OF STACK: 0' TO 2.33'
SCALE 1" = 2'

NOTE:
BRICK BARRELS LESS THEN 16' DEEP SHALL HAVE 8" WALLS EXCEPT WHEN LOCATED WITHIN PUBLIC STREET OR ALLEY PAVEMENT THEN THE WALL SHALL BE 12". BRICK BARRELS MORE THEN 16' DEEP SHALL HAVE 12" WALLS. THE "L" AND "W" DIMENSIONS SHALL BE A MINIMUM OF 5'6" FOR BRICK BARRELS WITH 8" WALLS AND 6'2" FOR BRICK BARRELS WITH 12" WALLS WHEN THE BRICK BARRELS ARE OVER 4 FT. IN HEIGHT. COMLETED MANHOLE SHALL BE WITHOUT LEAKS AND WATERTIGHT.

REVISED 1-7-38 C.O.M. Proj. No. 448 18 045 Standard Dwg. No.

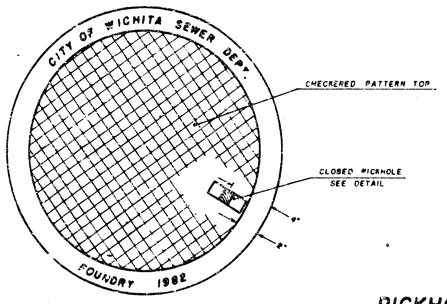
STANDARD DETAILS
REINFORCED CONCRETE MANHOLES
CITY OF WICHITA

FEBRUARY 1938 Sheet No. 7 of 10

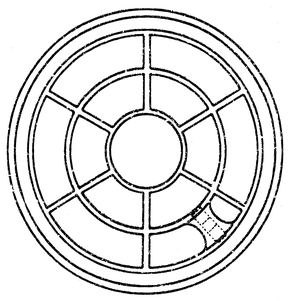
MANHOLE FRAME AND COVER DETAIL

ADOPTED AS STANDARD DESIGN
BY
City of Wichita, Kansas

MANHOLE COVER
Weight: 180 Lbs.

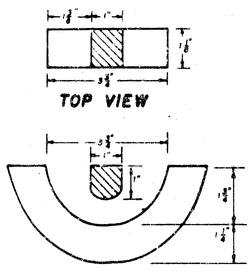


TOP VIEW

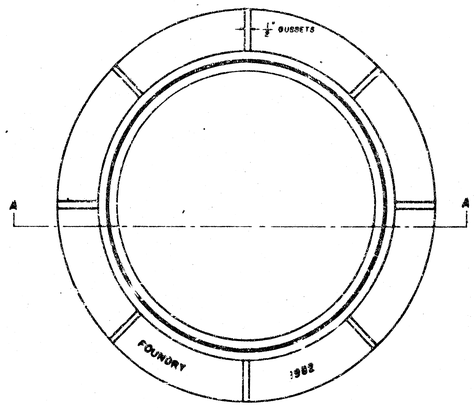


BOTTOM VIEW

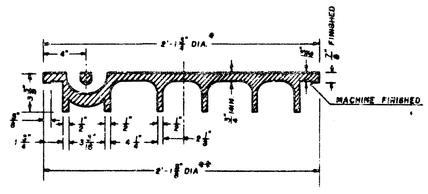
PICKHOLE DETAIL



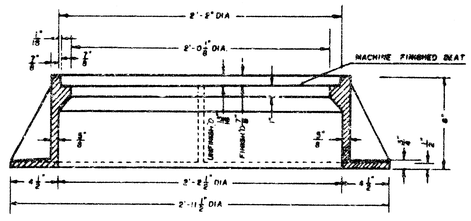
MANHOLE FRAME
Weight: 240 Lbs.



TOP VIEW



SECTION VIEW



SECTION A-A

* OUTSIDE DIA. TOP OF COVER
** OUTSIDE DIA. BOTTOM OF COVER

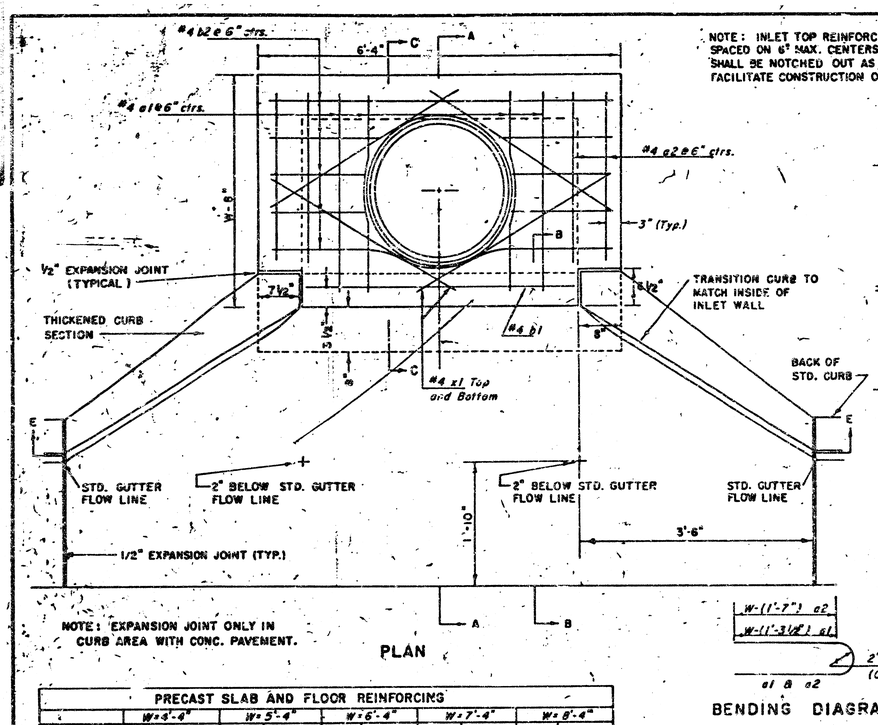
GENERAL NOTES

1. MANHOLE CASTINGS SHALL BE MANUFACTURED USING GOOD QUALITY GRAY IRON CONFORMING TO CLASS 30 OF A.S.T.M. DESIGNATION A-48. DIMENSIONS AND WEIGHTS SHOWN ON THE DETAILED DRAWINGS SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS AND ANY DEVIATIONS FROM THE DIMENSIONS SHOWN MUST BE SPECIFICALLY APPROVED. THE FINISHED CASTINGS SHALL BE OF UNIFORM QUALITY, FREE FROM BLOWHOLES, POROSITY, HARD SPOTS, SHRINKAGE DISTORTIONS OR OTHER DEFECTS.
2. MANHOLE CASTINGS SHALL BE COATED WITH AN ASPHALT PAINT RESULTING IN A SMOOTH, TOUGH AND TENACIOUS COATING WHICH IS NOT BRITTLE OR TACKY.
3. MANHOLE CASTINGS SHALL BE MANUFACTURED SUCH THAT A COVER MANUFACTURED BY ANY ONE FOUNDRY WILL FIT INTERCHANGEABLY INTO A FRAME MANUFACTURED BY ANOTHER FOUNDRY AND STILL MEET ALLOWABLE CLEARANCES AND NON-ROCKING REQUIREMENTS. THIS WILL REQUIRE MANUFACTURING OF THE MATCHING FACES ON THE COVER AND THE FRAME TO CLOSE TOLERANCES.
4. THE OUTSIDE CIRCUMFERENCE OF THE VERTICAL FACE OF THE COVER AND THE INSIDE CIRCUMFERENCE OF THE VERTICAL FACE IN THE FRAME RECESS SHALL BE MANUFACTURED TO TOLERANCES SUCH THAT THE CLEARANCE BETWEEN THE COVER AND FRAME WILL NOT EXCEED 1/8" AT ANY POINT AROUND THE CIRCUMFERENCE OF THE COVER. THE SEATING SURFACES BETWEEN THE COVER AND FRAME SHALL BE MACHINED SUCH THAT THESE SURFACES SHALL MAKE FULL CONTACT FOR THEIR FULL CIRCUMFERENCE TO PRECLUDE THE COVER FROM ROCKING IN THE FRAME.
5. THE MANHOLE FRAME AND COVER SHALL BE MARKED WITH LETTERING INDICATING THE NAME OF THE MANUFACTURER AND THE YEAR WHEN THE COVER OR FRAME WAS CAST. THE COVER SHALL BE FURTHER IDENTIFIED WITH REGARDS TO OWNERSHIP USING LETTERS AT LEAST 1" IN HEIGHT. THIS IDENTIFICATION SHALL BE "CITY OF WICHITA SEWER DEPARTMENT". THE WORD DEPARTMENT MAY BE ABBREVIATED. THE TEXTURE OF THE TOP SURFACE OF THE COVER SHALL BE MANUFACTURED IN A CHECKERED PATTERN DESIGN AS INDICATED ON THE DRAWINGS. SMOOTH BLOCKOUTS SHALL BE UTILIZED TO HIGHLIGHT THE LETTERING ON THE COVER SURFACE. THE TOTAL AREA OF SMOOTH SURFACE BLOCKOUT SHALL NOT EXCEED THE AREA AS INDICATED ON THE DRAWING. POSITIONING OF SMOOTH BLOCKOUTS AND LETTERING MAY VARY FROM THAT SHOWN ON THE DETAILED DRAWING.

No.	Revision	By	Date

CITY OF WICHITA, KANSAS
MANHOLE FRAME & COVER DETAIL
PROJ. NO. 472-79-592 -012-001-82
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
WICHITA, KANSAS
Designed by | Job No. | Sht. 8 of 10
Drawn by | Date

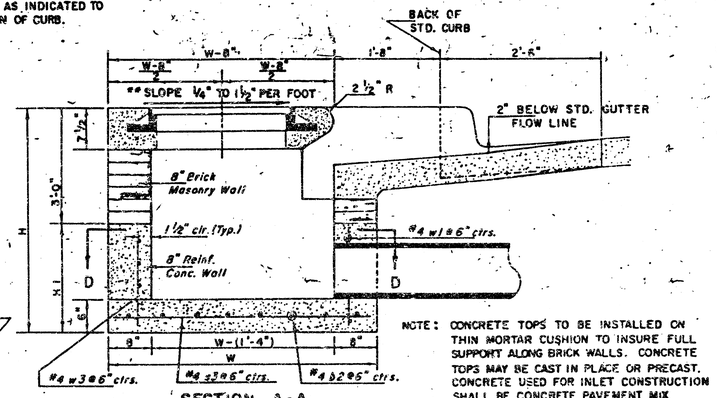
JNL DEC. 1981



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

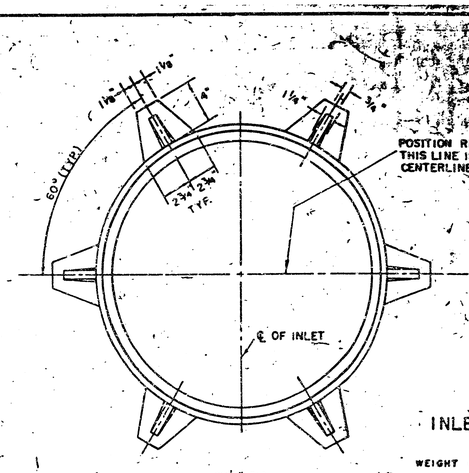
PLAN

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



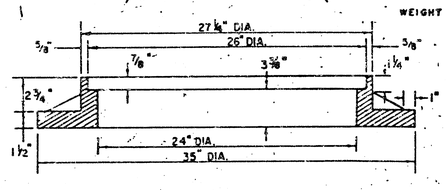
SECTION A-A

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 WITH AIR ENTRAINMENT.



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.

BENDING DIAGRAM

**NOTE: Slope of Inlet Tops to match Sidewalk or Parking Slopes within Limits indicated.

PRECAST SLAB AND FLOOR REINFORCING

	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	6	5'-7"	6	8'-7"	6	10'-7"	6	12'-7"	6	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
a3	#4	13	4'-1"	13	5'-1"	13	6'-1"	13	7'-1"	13	8'-1"
b1	#4	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
b2	#4	23	6'-1"	29	6'-1"	35	6'-1"	41	6'-1"	47	6'-1"
x1	#4	8	3'-10"	8	4'-2"	8	4'-6"	8	4'-10"	8	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)	6'-1"	(1)	5'-1"	(1)	6'-1"	(1)	6'-1"	(1)	6'-1"
w2	#4	(1)	4'-1"	(1)	5'-1"	(1)	6'-1"	(1)	7'-1"	(1)	8'-1"
w3*	#4	32	(2)	36	(2)	40	(2)	44	(2)	48	(2)

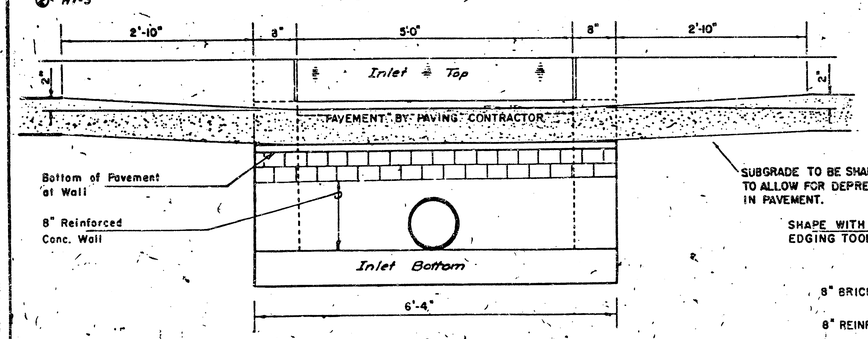
* Field bend or cut Reinforcing as required for clearance.

(1) 4(H1-12"); (H1-12") Round down to nearest 0.5'

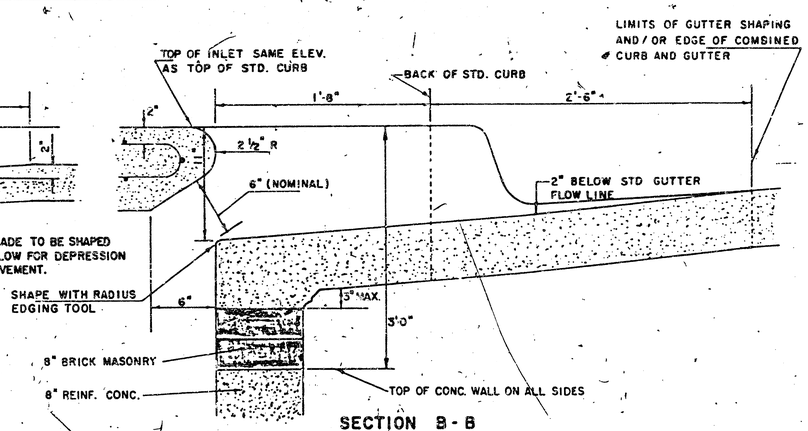
(2) H1-3"

STANDARD CURB INLET PRECAST TOPS

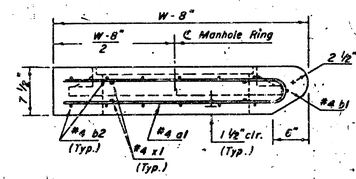
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 4"	5'8"x 6'4" x7½"	21" & SMALLER	0.38 ±
5' 4"	6'8"x 6'4" x7½"	24" & 30"	0.51 ±
6' 4"	5'8"x 6'4" x7½"	36" & 42"	0.64 ±
7' 4"	6'8"x 6'4" x7½"	48" & 54"	0.77±
8' 4"	7'8"x 6'4" x7½"	60" & 66"	0.90±



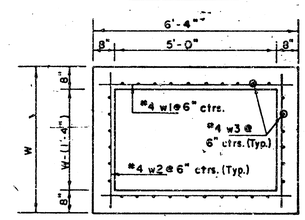
SECTION E-E



SECTION B-B



SECTION C-C



SECTION D-D

~~REVISED 11-30-1988~~

~~REVISED 12-3-1984~~ Revised 2-16-1989

DETAIL STANDARD TYPE IA CURB INLET

CITY OF WICHITA, KANSAS

INLET OPENING = 6" x 5'-0"

JUNE 1984

9/10

PHI 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 plotted "PHI 2ND ADDITION", Wichita, Sedgwick County, Kansas and that the accompanying plat is a true and correct exhibit of the property surveyed, described as and being a replat of Lot 1, Phi Addition, Wichita, Sedgwick County, Kansas, EXCEPT that part described as beginning on the west line of said Lot 1, at a point 430.43 feet north of the S.W. Corner of said Lot 1; thence N00°10'04"W, on said west line, a distance of 300 feet to a corner in said west line; thence N7°15'49"E, on the westerly line of said Lot 1, a distance of 125.63 feet to a corner in said westerly line; thence N65°21'40"E, on said westerly line a distance of 32.62 feet; thence S23°05'55"W, a distance of 380.11 feet to the point of beginning, AND EXCEPT, that part described as beginning at the N.W. Corner of said Lot 1; thence S00°09'01"E, on the west line of said Lot 1, a distance of 389.20 feet to a corner in said west line of said Lot 1; thence N65°21'40"E, a distance of 109.88 feet; thence N00°09'01"W, a distance of 343.48 feet, more or less, to the north line of said Lot 1; thence S89°58'59"W, on said north line, a distance of 100 feet to the point of beginning.
Existing floodway reserve being vacated by virtue of K.S.A. 12-512(b).

Baughman Company, P.A.

_____ Surveyor
Gregory F. Severns

Know all men by these presents that we, the undersigned owners, have caused the land described in the surveyors certificate to be platted into Lots, and a Street to be known as "PHI 2ND ADDITION", Wichita, Sedgwick County, Kansas. The utility easement is hereby granted as indicated for the construction and maintenance of all public utilities. The street is hereby dedicated to and for the use of the public. The drainage easement is hereby granted as indicated for drainage purposes. The floodway reserves are hereby reserved for floodway purposes and shall be the responsibility of Lot 1 and Lot 2 respectively until such time as the appropriate governing body elects to assume the responsibility for maintenance and improvements of the drainage. No buildings shall be constructed on or within said floodway, nor shall any fill, change of grade, creation of channel or other work be carried on without the permission of said appropriate governing body. With such permission of said appropriate governing body, additional improvements and/or activities may be permitted within said floodway. Access controls as depicted on the face of the plat are hereby granted to the City of Wichita, Kansas. The permitted entrance locations shall be as determined by the City Engineer of the City of Wichita, Kansas. The Minimum Building Pad Elevations for the lowest opening to the structures are as shown on the accompanying plat.

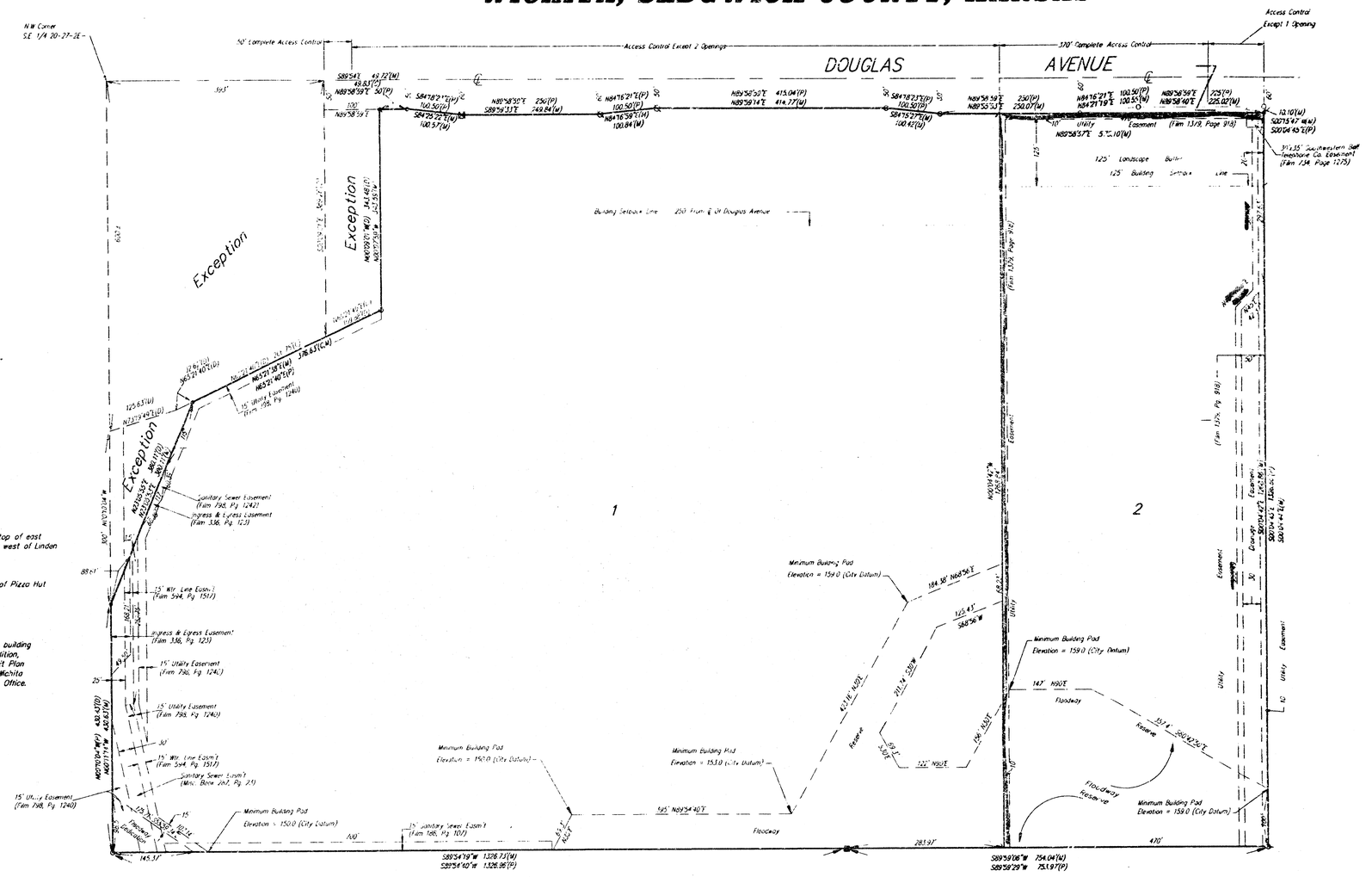
Pizza Hut, Inc.

W. Timothy Hewitt

Young Men's Christian Association of Wichita, Kansas

Bill Bunten

_____ President of the Board
Bill Bunten



Benchmarks

City of Wichita Benchmark Disc, top of east end north handrail to R.C.B. just west of Linden Drive on Douglas Avenue.
Elevation = 154.28 (City Datum)

Finished Floor at front entrance of Pizza Hut building.
Elevation = 175.06 (City Datum)

Additional requirements, including building setbacks, for Lot 2, PHI 2nd Addition, are established in Community Unit Plan CUP-211, which is on file in the Wichita Metropolitan Area Planning Dep't. Office.

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this ____ day of _____, 1993.

_____ Mayor
Elma Broadfoot

_____ City Clerk
Pat Burnett

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 ____ day of _____, 1993, at ____ o'clock __ M; and is duly recorded.

_____ Register of Deeds
Pat Kettler

_____ Deputy
Ed Resa

State of Kansas) SS
Sedgwick County)

The foregoing instrument was acknowledged before me this 16th day of December, 1993, by W. Timothy Hewitt, V. Pres. & Div. Counsel Pizza Hut, Inc., a Delaware corporation, for and on behalf of the corporation.

My Appointment Expires Nov. 1, 1997

Connie J. Straight Notary Public

CONNIE J. STRAIGHT
Notary Public - State of Kansas
My Appt. Expires Nov. 1, 1997

State of Kansas) SS
Sedgwick County)

The foregoing instrument was acknowledged before me this 4th day of January, 1994 by Bill Bunten, President of the Board, Young Men's Christian Association of Wichita, Kansas, for and on behalf of the association.

My Appointment Expires April 25, 1997

BARBARA A. WOOD
NOTARY PUBLIC
STATE OF KANSAS
APP. EXP. 4-25-97

Barbara A Wood Notary Public

This plat of "PHI 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 ____ day of _____, 1993.
Wichita-Sedgwick County Metropolitan Area Planning Commission.

_____ Chairman
James D. Miner

_____ Secretary
Marvin S. Krout

Entered on transfer record this ____ day of _____, 1993.

_____ County Clerk
Susan E. Crockett-Spoon

10/10

18-3-4-10