CITY OF WICHITA, KANSAS

STORM WATER SEWER NO. 415

TO SERVE

SMITHMOOR THIRD ADDITION, SMITHMOOR FOURTH ADDITION AND AN UNPLATTED TRACT

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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 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. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF FORTY-EIGHT (48) HOURS ADVANCE NOTICE TO ALL UTILITY OWNERS PRIOR TO WORK IN ANY AREA WHERE EXISTING UTILITIES WILL BE UNCOVERED TO ALLOW THE UTILITY OWNER TO INSPECT THE UNCOVERING OF THEIR UTILITY. ANY UTILITY CARELESSLY DAMAGED BY HIS CONSTRUCTION OPERATION SHALL BE REPAIRED OR REPLACED AT NO EXTRA COST TO THE CITY. THE CONTRACTOR SHALL COORDINATE WITH CONTRACTORS FOR UTILITY COMPANIES AND OTHER AGENCIES FOR MINIMUM INCONVENIENCE TO GENERAL PUBLIC.

3. CONTRACTOR SHALL AVOID UNCOVERING THE EXISTING WATERLINES UNLESS ABSOLUTELY NECESSARY. UNCOVERING SHALL BE DONE ONLY IN THE PRESENCE OF A WATER DEPARTMENT ENGINEER.

4. ALL ADJACENT BUILDINGS, STRUCTURES, PARKING LOTS, DRIVES, STREET PAVEMENTS, UTILITY LINES UTILITY STRUCTURES AND APPURTENANCES OTHER THAN SHOWN FOR REPLACEMENT SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION OF THE PROJECT. ITEMS DAMAGED BEYOND THE LIMITS SHOWN SHOWN ON THE DRAWINGS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

THE TOP ELEVATION OF INLETS AND MANHOLES AS SHOWN ON DRAWINGS MAY VARY TO MEET EXISTING OR PROPOSED PAVEMENTS. THE FIELD ENGINEER MAY ADJUST THE LOCATIONS AND FLOWLINES OF STORM SEWERS, INLETS AND MANHOLES WITH REFERENCE TO EXISTING OR PROPOSED PAVING PLANS OF THE PERTINENT STREET.

6. MISCELLANEOUS STRUCTURES AND 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 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.

7. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN STRICT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS SHOWN ON THE PLANS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY SHOWN 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 LAW. THIS WORK SHALL BE SUBSIDIARY TO OTHER ITEMS IN CONTRACT.

9. ALL SALVAGEABLE DRAINAGE PIPES, MANHOLE RINGS AND COVERS AND INLET GRATES SHALL BE CAREFULLY REMOVED AND DELIVERED TO CITY YARD.

10. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO EACH OF THE FOLLOWING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION AND REQUEST THAT ANY EXISTING LINES BE FLAGGED:

ARKLA GAS CO.
1630 S. BAEHR
WICHITA, KANSAS 67209
JERRY WATKINS
316-942-8350

KANSAS GAS & ELECTRIC CO.
BOX 208
WICHITA, KANSAS 67201
DON MORGAN
316-261-6285

WICHITA WATER DEPARTMENT
8TH FLOOR - CITY HALL
455 N. MAIN STREET
WICHITA, KANSAS 67202
CHUCK STEVENS
316-268-4555

KANSAS ONE CALL
1-800-344-4210

SOUTHWESTERN BELL TELEPHONE CO.
154 N. BROADWAY
WICHITA, KANSAS 67202
GREG SHARP
316-268-2245

WICHITA SEWER MAINTENANCE DIVISION
WATER & WATER POLLUTION CONTROL DEPT.
8TH FLOOR-CITY HALL
455 N. MAIN STREET
WICHITA, KANSAS 67202
SUSAN TURNER
316-268-4210

MULTIMEDIA CABLEVISION
701 EAST DOUGLAS
WICHITA, KANSAS 67202
DON SHUE
262-4270

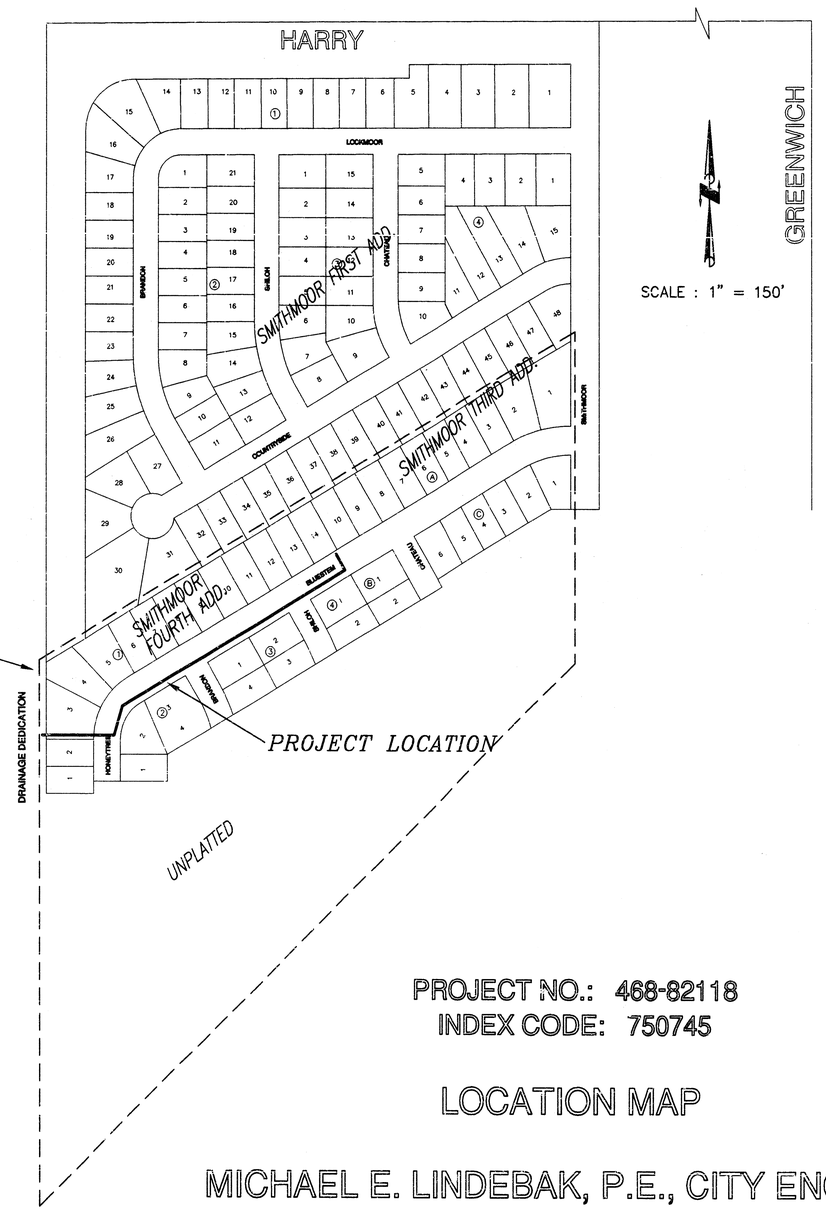
DIG SAFE
687-2470

11. THE CONTRACTOR MUST EXAMINE THE CONSTRUCTION SITE PRIOR TO BIDDING AND BE SATISFIED AS TO THE WORK SHOWN FOR COMPLETION. AFTER ALL BIDS HAVE BEEN RECEIVED, THE CONTRACTOR SHALL NOT ASSERT THAT THERE WAS A MISUNDERSTANDING OF THE QUANTITIES OF WORK OR THE NATURE OF WORK TO BE COMPLETED.

12. THE CONTRACTOR SHALL USE FLOWABLE FILL IN PLACE OF COMPACTED PIPE BEDDING MATERIAL AT SIDES AND ABOVE ALL STORM SEWER LINES RUNNING UNDER PROPOSED PAVEMENT IN PUBLIC RIGHT-OF-WAY.

13. ALL AREAS, WITHIN DRAINAGE DEDICATION, DISTURBED DURING CONSTRUCTION SHALL BE SEEDED IN ACCORDANCE WITH CITY STANDARDS. AREAS, WITHIN 25 FOOT DRAINAGE EASEMENT LOCATED BETWEEN LOTS 2 & 3, BLOCK 1 SHALL BE SEEDED WITH RYE GRASS SEED APPLIED AT A RATE OF 50 POUNDS PER ACRE ALL OTHER AREAS DISTURBED WILL BE SEEDED BY PAVING CONTRACTOR.

14. CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING, AS NECESSARY, FOR INSTALLATION OF STORM SEWER PIPES.





BENCH MARKS:

BENCH MARK NO. 1: TOP OF EXISTING MANHOLE LOCATED AT NORTHWEST CORNER OF LOT 5, BLOCK 1, SMITHMOOR FOURTH ADDITION. ELEV. = 161.94

BENCH MARK NO. 2: TOP OF EXISTING MANHOLE LOCATED AT NORTHEAST CORNER OF LOT 14, BLOCK 1, SMITHMOOR FOURTH ADDITION. ELEV. = 162.66

PROJECT NO.: 468-82118
INDEX CODE: 750745

LOCATION MAP

MICHAEL E. LINDEBAK, P.E., CITY ENGINEER

Booked
5-30-96
MCG
D-296

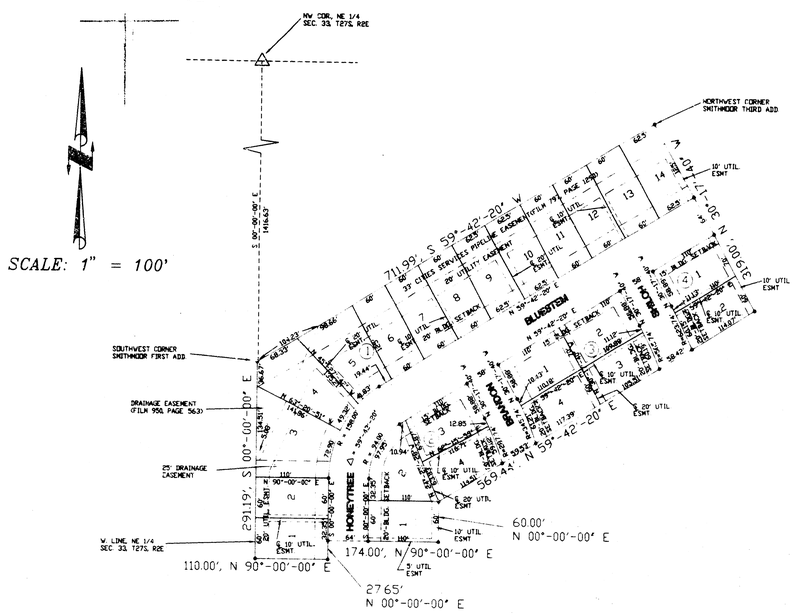
TITLE SHEET

SCALE:	APPROVED:	DRAWN BY: F.A.
DATE:		CHECKED: B.K.
PROJECT NO: 95-88 (MUNICIPAL)		SHEET NO.: 1 OF 6

MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

D:\CPLUS\DATA\0094-33A\DRAW\SHTITLE Thu Feb 15 11:14:05 1996

PC52-10



BENCH MARK:

N.W. COR., N. HEADWALL R.C.B. 800 FEET, MORE OR LESS EAST OF N.W. COR., N.E. 1/4, SEC. 33-27S-2E
ELEVATION = 1340.54 (M.S.L.) = 1531.4 (CITY DATUM)

MINIMUM PAD ELEVATION:

LOTS 1 - 4 BLOCK 1 = 1341.50 MSL.

FINAL PLAT OF SMITHMOOR FOURTH ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

20.00 ck

STATE OF KANSAS)
) SS
SEDGWICK COUNTY)

I, BABAR M. KHAN, A LICENSED LAND SURVEYOR IN AFORESAID COUNTY AND STATE, DO HEREBY CERTIFY THAT I HAVE SURVEYED AND PLATTED "SMITHMOOR FOURTH ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS" AND THAT THE ACCOMPANYING PLAT IS A TRUE AND CORRECT EXHIBIT OF PROPERTY SURVEYED, DESCRIBED AS FOLLOWS:

A TRACT OF LAND DESCRIBED AS BEGINNING AT THE SOUTHWEST CORNER OF SMITHMOOR FIRST ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS. SAID POINT OF BEGINNING BEING 1,416.63 FEET SOUTH OF NORTHWEST CORNER OF NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 27 SOUTH, RANGE 2 EAST OF THE 6TH PRINCIPAL MERIDIAN; THENCE BEARING S 00°-00'-00", ALONG THE WEST LINE OF SAID NORTHEAST QUARTER, 291.19 FEET; THENCE BEARING N 90°-00'-00" E, 110.00 FEET; THENCE BEARIN N 00°-00'-00" E, 27.65 FEET; THENCE BEARING N 90°-00'-00" E, 174.00 FEET; THENCE BEARING N 00°-00'-00" E, 60.00 FEET; THENCE BEARING N 59°-42'-20" E, 569.44 FEET TO THE SOUTHWESTERLY CORNER OF SMITHMOOR THIRD ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS; THENCE BEARING N 30°-17'-40" W, ALONG WESTERLY LINE OF SAID SMITHMOOR THIRD ADDITION, 319.00 FEET TO THE NORTHWESTERLY CORNER OF SAID SMITHMOOR THIRD ADDITION; THENCE BEARING S 59°-42'-29" W, 711.99 FEET TO THE POINT OF BEGINNING.

ALL EASEMENTS, RIGHT-OF-WAYS, PREVIOUSLY GRANTED ARE HEREBY VACATED IN ACCORDANCE WITH K.S.A. 12-512(b), AS AMENDED.

THIS SURVEY WAS COMPLETED IN JULY, 1994.

10-31-94
BABAR M. KHAN, R.L.S. # 985

BABAR M. KHAN LICENSED LS 985 KANSAS LAND SURVEYOR 10-31-94

#1431781

KNOW ALL MEN BY THESE PRESENTS, THAT WE, THE UNDERSIGNED PROPERTY OWNERS OF THE LAND AS ABOVE SET FORTH IN THE SURVEYOR'S CERTIFICATE, HAVE CAUSED THE LAND TO BE SURVEYED AND PLATTED INTO LOTS, BLOCKS, STREETS, AND DRAINAGE DEDICATION, THE SAME TO BE KNOWN AS "SMITHMOOR FOURTH ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS". EASEMENTS AS INDICATED FOR THE CONSTRUCTION AND MAINTENANCE OF PUBLIC UTILITIES ARE HEREBY GRANTED. THE STREETS ARE HEREBY DEDICATED TO AND FOR THE USE OF THE PUBLIC. THE DRAINAGE DEDICATION IS HEREBY DEDICATED TO AND FOR THE USE OF THE PUBLIC.

THE MINIMUM PAD ELEVATION FOR LOTS 1 THROUGH 4, IN BLOCK 1 SHALL BE 1341.50 M.S.L. = (1541.0 CITY DATUM)

R. L. Smith
RON SMITH, PRESIDENT
SMITH & COMPANY, INC.

STATE OF KANSAS)
) SS
SEDGWICK COUNTY)

BE IT REMEMBERED THAT ON THIS 31st DAY OF October 1994, BEFORE ME, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, CAME RON SMITH, TO ME PERSONALLY KNOWN TO BE THE SAME PERSON WHO EXECUTED THAT FORGOING INSTRUMENT OF WRITING AND DULY ACKNOWLEDGED THE SAME AS HIS VOLUNTARY ACT AND DEED. IN THE TESTIMONY WHEREOF, I HAVE HEREUNTO SET MY HAND AND AFFIXED MY NOTARIAL SEAL ON THE DAY AND YEAR ABOVE WRITTEN

MY COMMISSION EXPIRES: June 4, 1996

Lisa Torres
LISA TORRES NOTARY PUBLIC

WE, EMPRISE BANK, HOLDERS OF A MORTGAGE ON THE ABOVE DESCRIBED PROPERTY, DO HEREBY CONSENT TO THE PLAT OF "SMITHMOOR FOURTH ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS"

David H. Corman
DAVID H. CORMAN, VICE PRESIDENT

STATE OF KANSAS)
) SS
SEDGWICK COUNTY)

BE IT REMEMBERED THAT ON THIS 31st DAY OF October 1994, BEFORE ME, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, CAME David H. Corman, TO ME PERSONALLY KNOWN TO BE THE SAME PERSON WHO EXECUTED THAT FORGOING INSTRUMENT OF WRITING AND DULY ACKNOWLEDGED THE SAME AS HIS VOLUNTARY ACT AND DEED. IN THE TESTIMONY WHEREOF, I HAVE HEREUNTO SET MY HAND AND AFFIXED MY NOTARIAL SEAL ON THE DAY AND YEAR ABOVE WRITTEN

MY COMMISSION EXPIRES June 4, 1996

Lisa Torres
LISA TORRES NOTARY PUBLIC

THIS PLAT OF SMITHMOOR FOURTH ADDITION HAS BEEN SUBMITTED TO AND APPROVED BY THE WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION, WICHITA, KANSAS.

DATED 30th DAY OF June 1994.

WICHITA-SEDGWICK COUNTY METROPOLITAN PLANNING COMMISSION SEAL KANSAS

JAMES D. MINER _____ CHAIRMAN
MARVIN KROUT Marvin S. Krout SECRETARY

THIS PLAT APPROVED AND ALL DEDICATIONS SHOWN HEREON IF ANY, ACCEPTED BY CITY COUNCIL OF CITY OF WICHITA, KANSAS, THIS, 29th DAY OF November 1994.

Elma Broadfoot
ELMA BROADFOOT MAYOR
Pat Burnett
PAT BURNETT CITY CLERK

ENTERED ON TRANSFER RECORD THIS 17th DAYS OF January 1995

Susan E. Crockett-Spoon
SUSAN E. CROCKETT-SPOON COUNTY CLERK

THIS IS TO CERTIFY THAT THIS INSTRUMENT WAS FILED FOR RECORD IN THE REGISTER OF DEEDS OFFICE AT 2:30 PM. ON THIS 17TH DAY OF JANUARY 1995

Pat Kettler
PAT KETTLER REGISTER OF DEEDS
Ed Resa
ED RESA DEPUTY

468-82118 2 OF 6

MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

PC 52-10

Grade to Drain

Install Light Stone Rip-Rap, 22 S.Y. (10' X 20')

EXISTING DRAINAGE DITCH

11.3'

25' DRAINAGE EASEMENT

11.0'

Install Flowable Fill, 37.00 L.F.

Install Flowable Fill, 44.00 L.F.

Sta. 0+00.00 (St. Sew)
Install 42" RCP End Section
Install 133.19 L.F., 42" RCP (E)

Sta. 1+33.19 (St. Sew) =
Sta. 1+03.34 (Honeytree), 21.00 Lt.
Const. Std. Type 1A Curb Inlet
W = 4'-4", L = 11'-4"
Top of Inlet = 163.20
Install 42.93 L.F., 42" RCP (E)
See details on Sheet 6

Sta. 0+92.35 (Bluestem)

Sta 2+39.88 (St. Sew) =
Sta. 1+80.66 (Honeytree), 22.50 Rt.
Const. Std. Type 1A Curb Inlet
W = 7'-4", L = 6'-4"
Top of Inlet = 163.46
Install 141.28 L.F., 42" RCP (NE)
See details on Sheet 5

Sta. 1+76.12 (St. Sew) =
Sta. 1+03.34 (Honeytree), 22.50 Rt.
Const. Std. Type 1A Curb Inlet
W = 7'-4", L = 11'-4"
Top of Inlet = 163.20
Install 63.76 L.F., 42" RCP (NE)
See details on Sheet 6

Sta. 3+44.59 (Bluestem)

Sta. 2+23.65 (Bluestem)

Sta. 4+02.59 (Bluestem)

Sta. 3+81.16 (St. Sew) =
Sta. 3+31.10 (Bluestem), 22.00 Rt.
Const. Std. Type 1A Curb Inlet
W = 6'-4", L = 11'-4"
Top of Inlet = 163.98
Install 280.52 L.F., 36" RCP (NE)
See details on Sheet 6

HONEYTREE

BRANDON

BLUESTEM

STORM SEWER STA. 5+00.00

MATCH LINE

20' BLDG. SETBACK

15' BLDG. SETBACK

20'-BLDG. SETBACK

℄ 10' UTIL. ESMT.

110.00', N 90°-00'-00" E

S 00°-00'-00" E

N 90°-00'-00" E

N 30°-17'-40" W

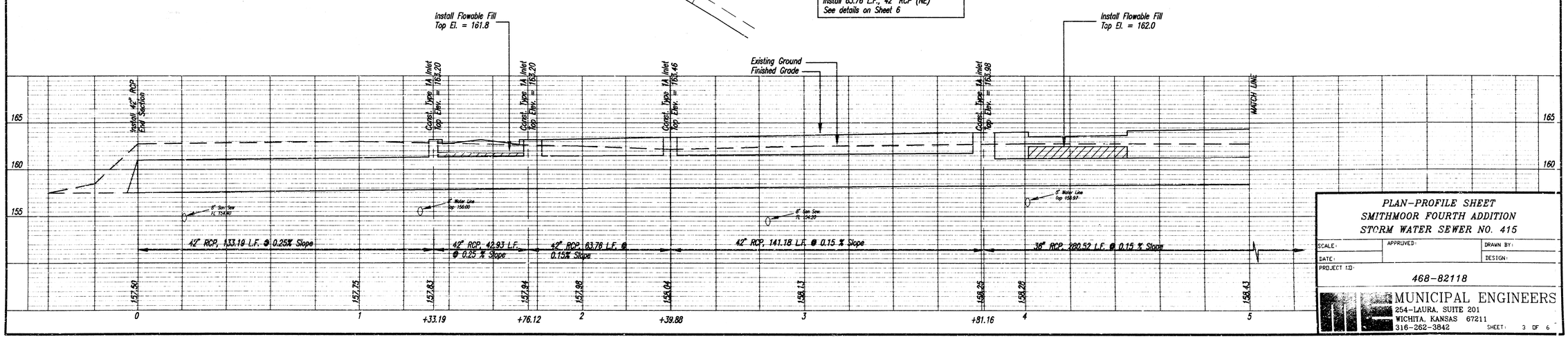
Δ = 59°-42'-20"

R = 158.00'

R = 94.00'

SCALE:
PLAN : 1" = 20'
PROFILE : 1" = 20' (H)
1" = 5' (V)

NOTE: Contractor shall provide a sleeve in the inlet wall facing proposed pavement so that drain pipe may be installed by paving contractor.



PLAN-PROFILE SHEET
SMITHMOOR FOURTH ADDITION
STORM WATER SEWER NO. 415

SCALE:	APPRVED:	DRAWN BY:
DATE:		DESIGN:
PROJECT I:D:	468-82118	

MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

SHEET: 3 OF 6

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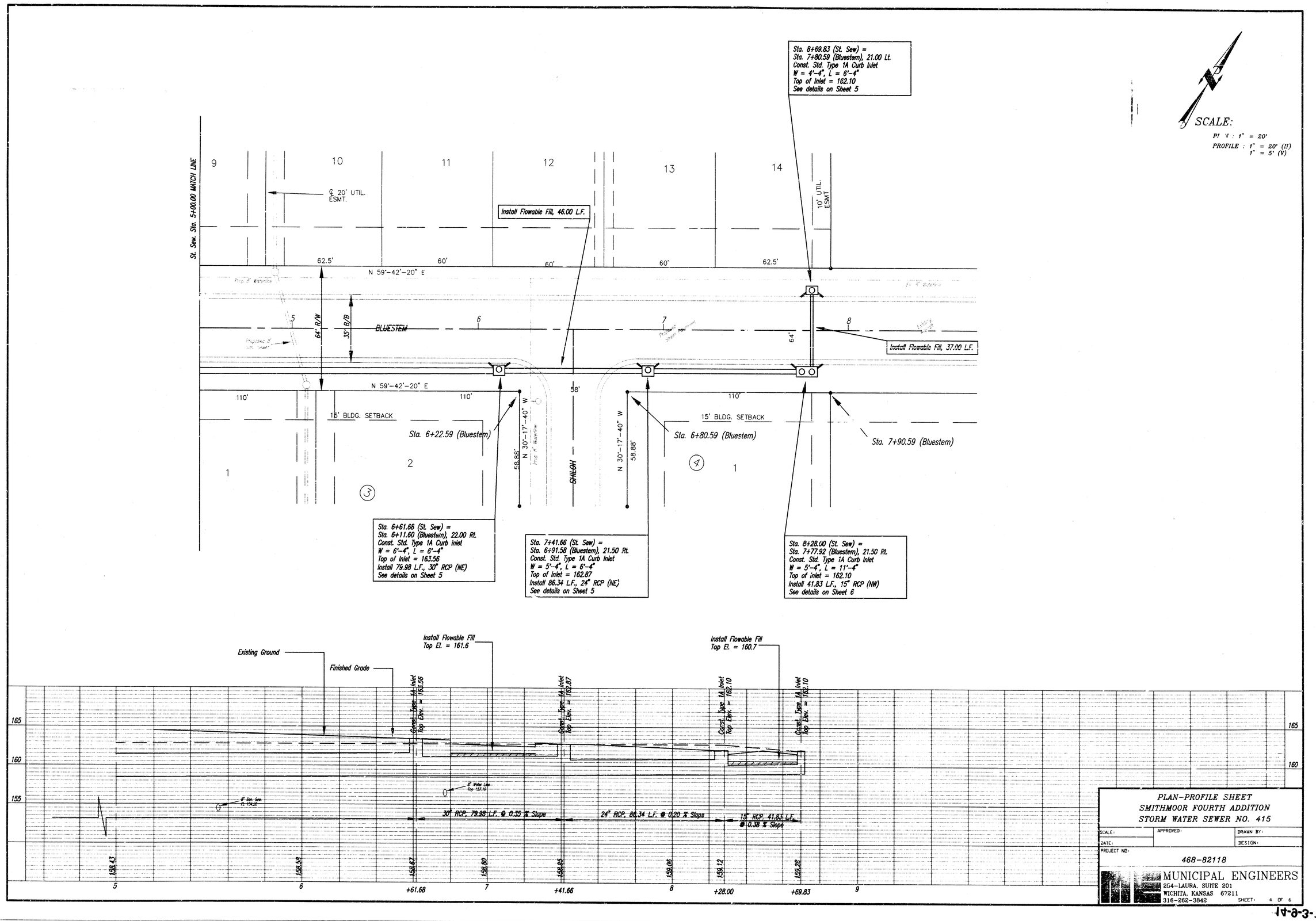

PLAN-PROFILE SHEET
SMITHMOOR FOURTH ADDITION
STORM WATER SEWER NO. 415

SCALE:	APPROVED:	DRAWN BY:
DATE:		DESIGN:
PROJECT NO: 468-82118		

MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

SHEET: 4 OF 6

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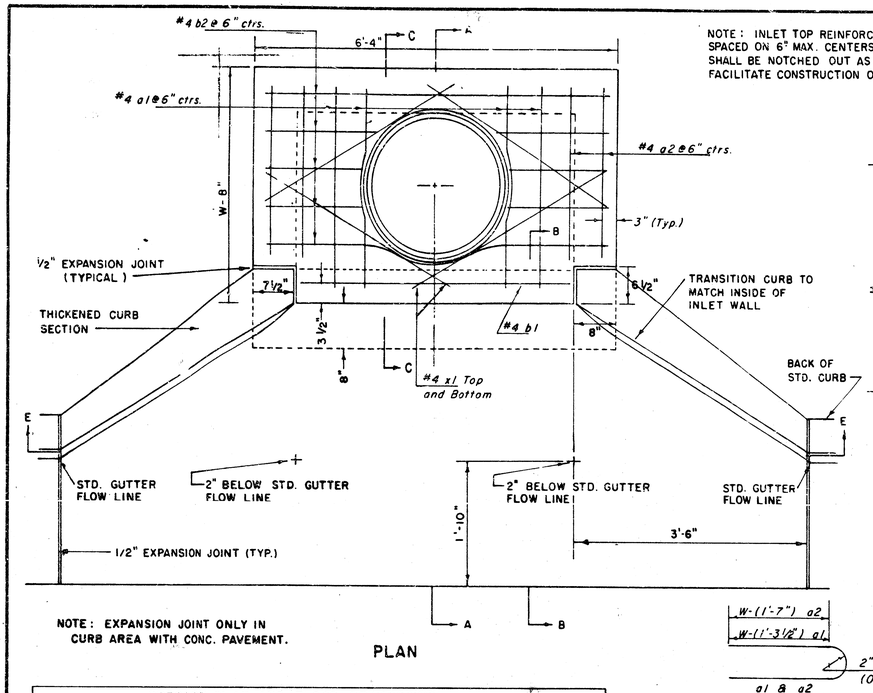
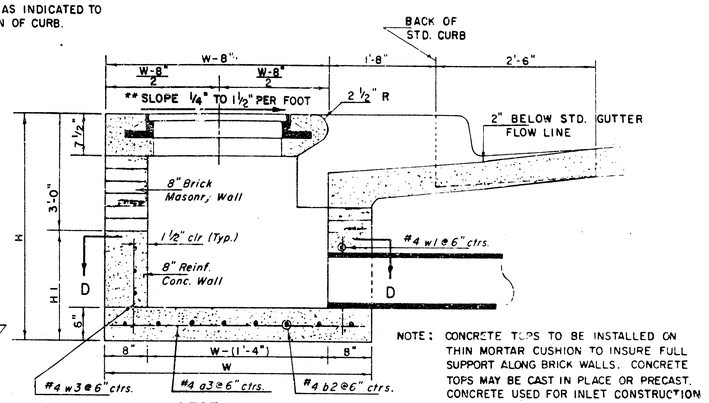


NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT.

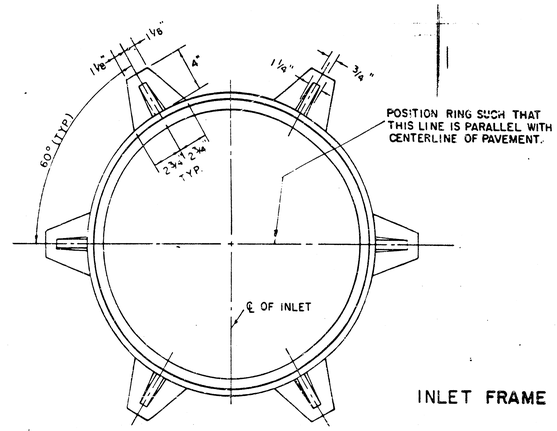
PLAN

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



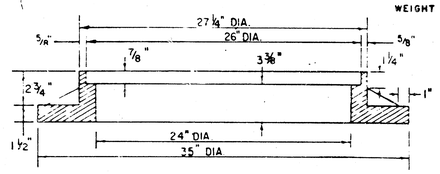
SECTION A-A

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.

BENDING DIAGRAM

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.

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	6	6'-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	6'-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

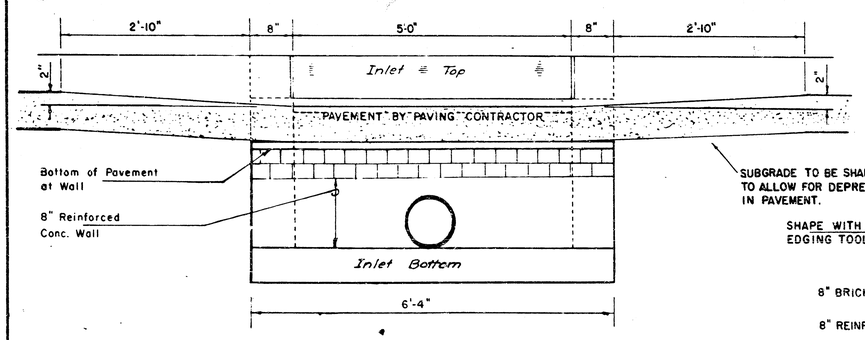
* Field bend or cut Reinforcing as required for clearance.

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

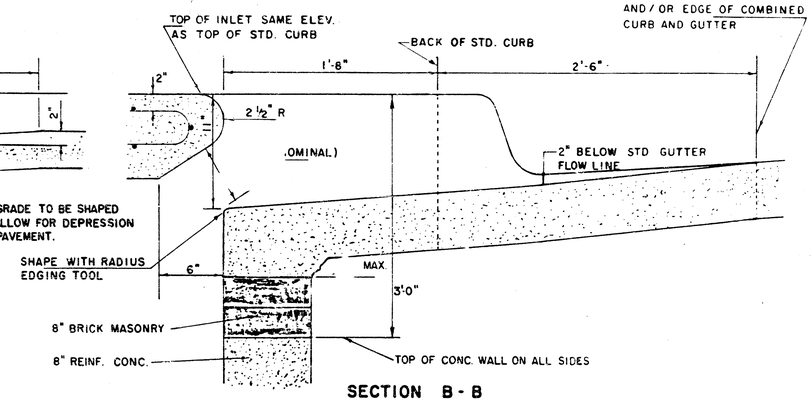
② H1-3"

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 4"	3'8"x 6'4" x7 1/2"	21" & SMALLER	0.38 ±
5' 4"	4'8"x 6'4" x7 1/2"	24" & 30"	0.51 ±
6' 4"	5'8"x 6'4" x7 1/2"	36" & 42"	0.64 ±
7' 4"	6'8"x 6'4" x7 1/2"	48" & 54"	0.77 ±
8' 4"	7'8"x 6'4" x7 1/2"	60" & 66"	0.90 ±

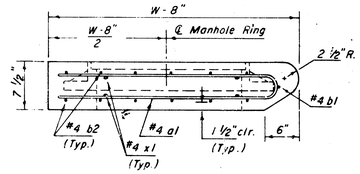
** NOTE: Slope of Inlet Tops to match Sidewalk or Parking Slopes within Limits indicated.



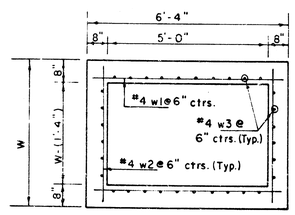
SECTION E - E



SECTION B - B



SECTION C-C



SECTION D-D

~~REVISED 11-30-1988~~

~~REVISED 12-2-1984~~

Revised 2-16-1989

SHEET 5 OF 6

DETAIL STANDARD TYPE IA CURB INLET

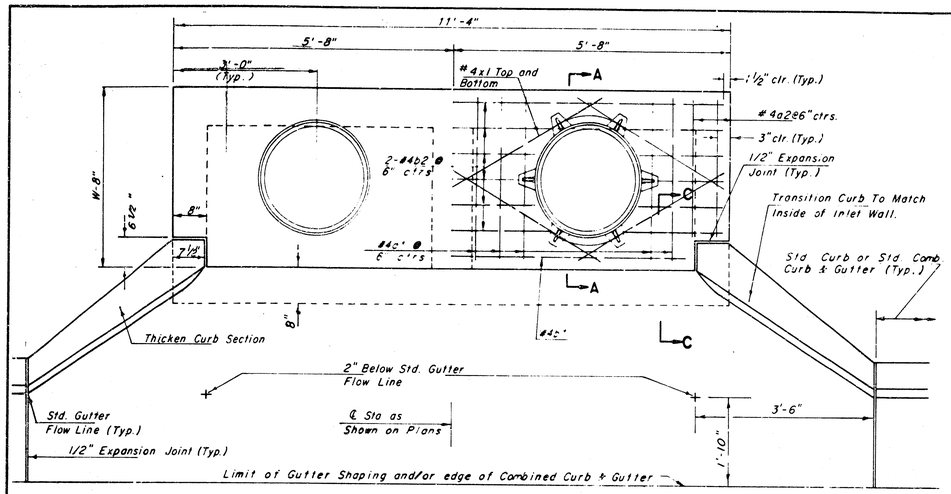
CITY OF WICHITA, KANSAS

INLET OPENING = 6" x 5'0"

468-82118

JUNE 1984

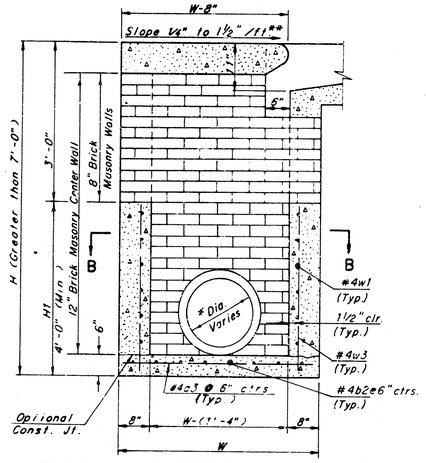
PROJECT NO	SHEET NO.	TOTAL SHEETS
	6	6



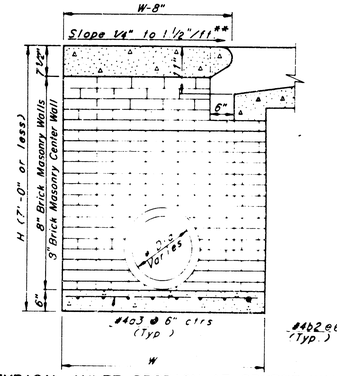
SLAB REINFORCING NOT SHOWN — SHOWING SLAB REINFORCING

PLAN

NOTE Expansion Joint only in Curb Area with Conc. Pavement.



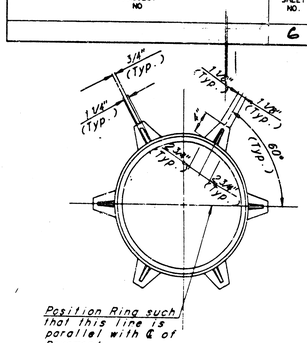
TYPICAL INLET SECTION AT CENTER WALL
(REINFORCED CONCRETE WALLS)



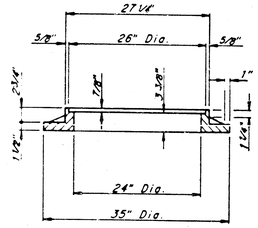
TYPICAL INLET SECTION AT CENTER WALL
(MASONRY WALLS)

* A center wall opening shall be provided by means of a section of reinforced concrete pipe. See Case I and Case II Below

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



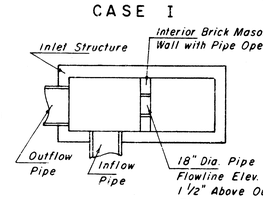
Position Ring such that this line is parallel with ℄ of Pavement



CAST IRON INLET RING
Wt.=180 lbs.

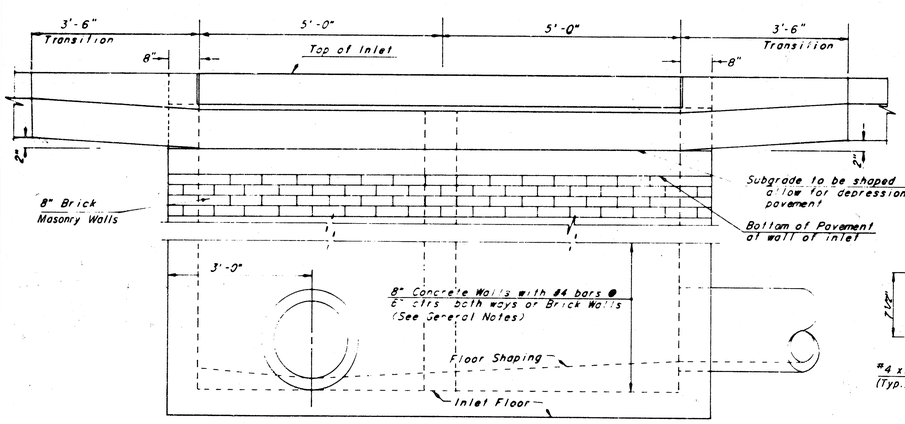
See City of Wichita Standard Manhole Frame and Cover Detail Sheet for Cover Details to be used with Inlet Frame.

CASE I

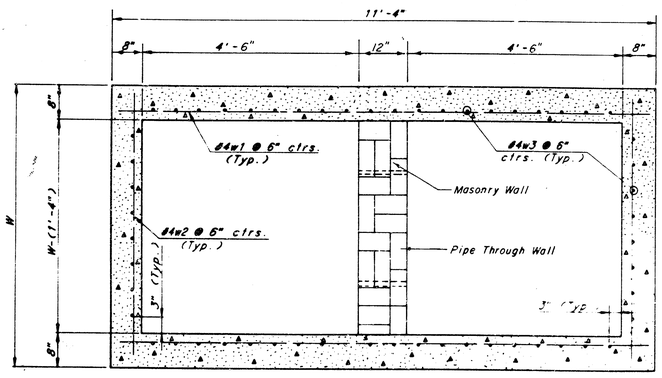


CASE II

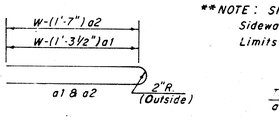
NOTE Center Wall Pipe Size shall be as Specified in Inlet Construction Note on the Plan/Profile Sheets for those Cases not shown here.



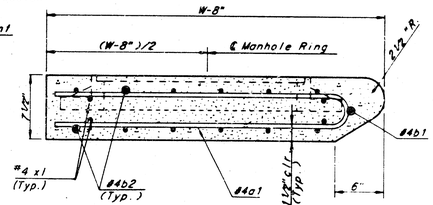
ELEVATION



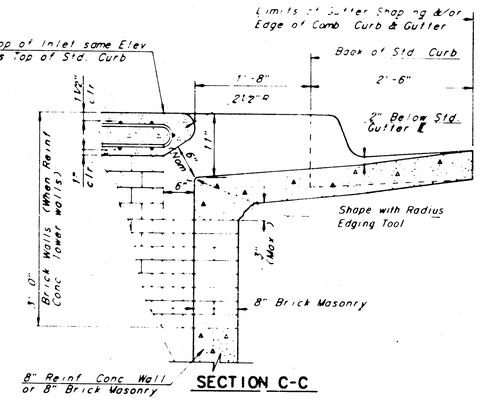
SECTION B-B



BENDING DIAGRAM



SECTION A-A



SECTION C-C

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=8'-4" OR LESS AND H=7'-0" OR LESS. WHEN W IS GREATER THAN 8'-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.

SLAB AND FLOOR REINFORCING

MARK	SIZE	W=4'-4" NO.	W=4'-4" LENGTH	W=5'-4" NO.	W=5'-4" LENGTH	W=6'-4" NO.	W=6'-4" LENGTH	W=7'-4" NO.	W=7'-4" LENGTH	W=8'-4" NO.	W=8'-4" 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

MARK	SIZE	W=4'-4" NO.	W=4'-4" LENGTH	W=5'-4" NO.	W=5'-4" LENGTH	W=6'-4" NO.	W=6'-4" LENGTH	W=7'-4" NO.	W=7'-4" LENGTH	W=8'-4" NO.	W=8'-4" 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(H1-12") (H1-12") Rounded down to nearest 0.5'
② H1-3"

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	SIDE OR INTERIOR WALL PIPE SIZE	CU. YD. CONC
4'-4"	3'6"x11'-4"x 7 1/2"	21" & SMALLER	0 83 ±
5'-4"	4'6"x11'-4"x 7 1/2"	24" & 30"	1 09 ±
6'-4"	5'6"x11'-4"x 7 1/2"	36" & 42"	1 35 ±
7'-4"	6'6"x11'-4"x 7 1/2"	48" & 54"	1 61 ±
8'-4"	7'6"x11'-4"x 7 1/2"	60" & 66"	1 87 ±

~~REVISED 12-5-88~~ Revised 2 16 89 ~~REVISED 12 21 84~~

STANDARD TYPE 1A CURB INLET

INLET OPENING = 6"x10'-0"

468-82118

WICHITA, KANSAS

Designed by	BER, KJS, MMB	Checked by	MMB
Drawn by	JDP	Date	Nov., 1984
		Job No.	