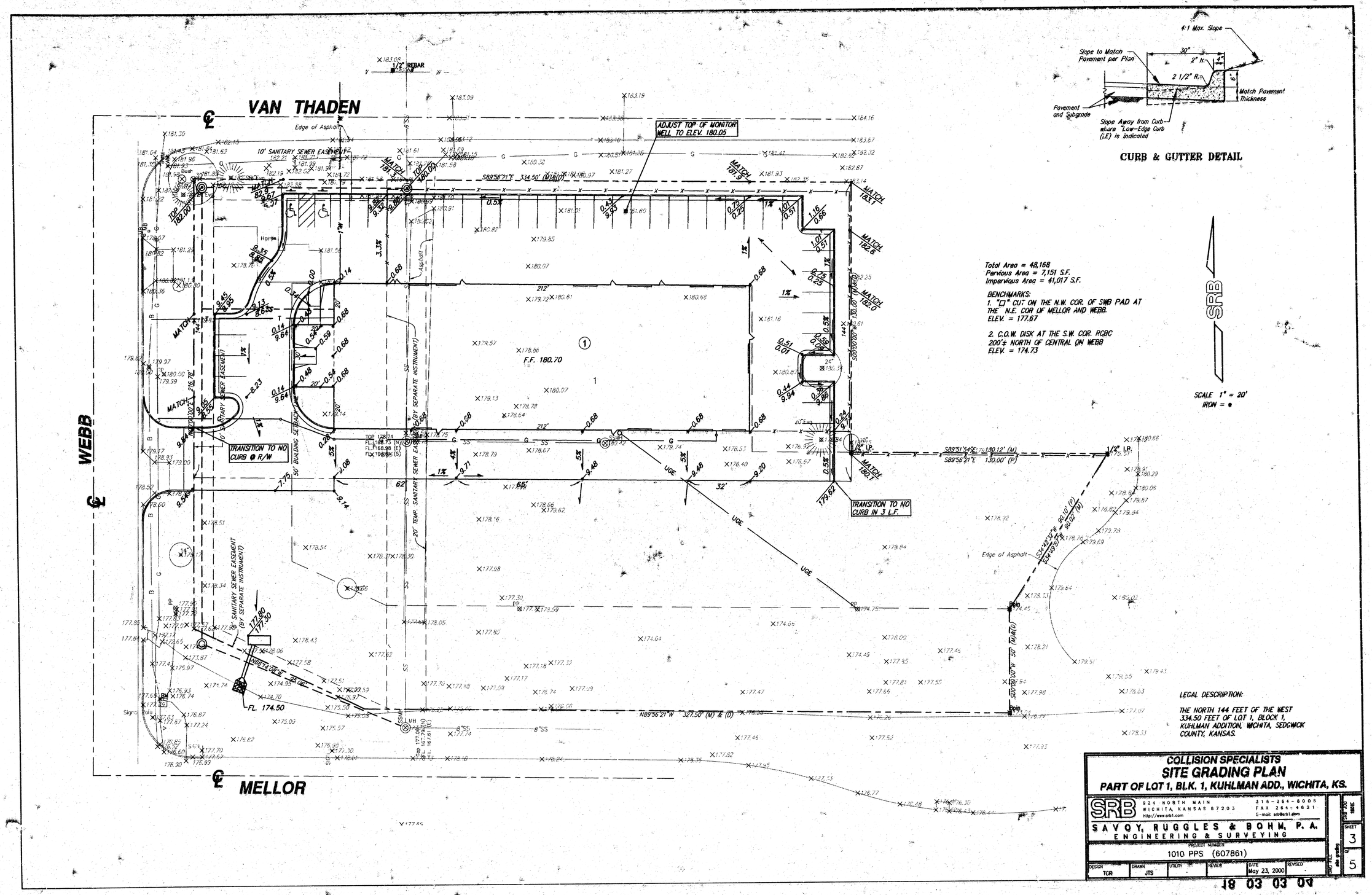
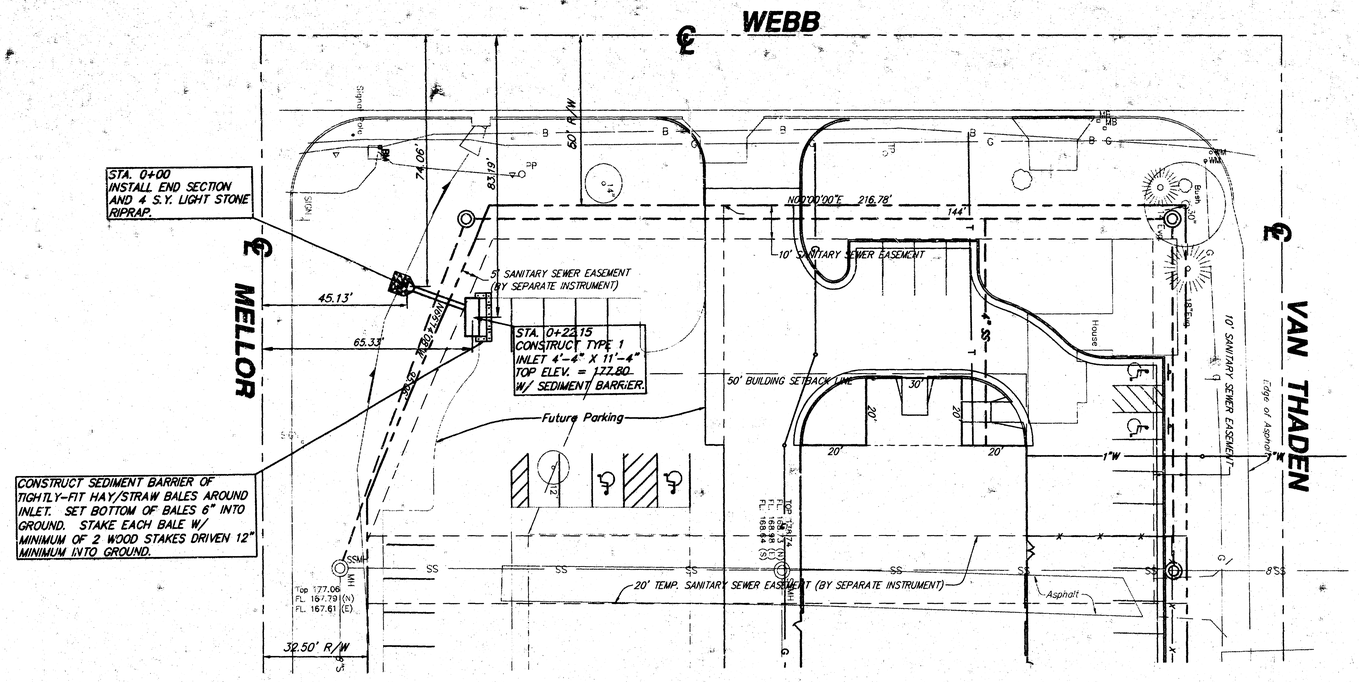

VAN THADEN
WEBB
MELLOR
ADJUST TOP OF MONITOR WELL TO ELEV. 180.05
TRANSITION TO NO CURB @ R/W
TRANSITION TO NO CURB IN 3 L.F.
F.F. 180.70
FL. 174.50
10' SANITARY SEWER EASEMENT
20' TEMP. SANITARY SEWER EASEMENT (BY SEPARATE INSTRUMENT)
50' BUILDING SETBACK LINE
Edge of Asphalt
Total Area = 48,168
Pervious Area = 7,151 S.F.
Impervious Area = 41,017 S.F.
BENCHMARKS:
1. "□" CUT ON THE N.W. COR. OF SWB PAD AT THE N.E. COR OF MELLOR AND WEBB. ELEV. = 177.67
2. C.O.W. DISK AT THE S.W. COR. RCBC 200'± NORTH OF CENTRAL ON WEBB ELEV. = 174.73
SCALE 1" = 20'
IRON = •
4:1 Max. Slope
Slope to Match Pavement per Plan
Pavement and Subgrade
Slope Away from Curb where "Low-Edge Curb (LE) is indicated
Match Pavement Thickness
CURB & GUTTER DETAIL
LEGAL DESCRIPTION:
THE NORTH 144 FEET OF THE WEST 334.50 FEET OF LOT 1, BLOCK 1, KUHLMAN ADDITION, WICHITA, SEDGWICK COUNTY, KANSAS.
COLLISION SPECIALISTS
SITE GRADING PLAN
PART OF LOT 1, BLK. 1, KUHLMAN ADD., WICHITA, KS.
SRB
924 NORTH MAIN
WICHITA, KANSAS 67203
316-264-8008
FAX 264-4621
SAVOY, RUGGLES & BOHM, P. A.
ENGINEERING & SURVEYING
PROJECT NUMBER
1010 PPS (607861)
DESIGN TCR
DRAWN JTS
DATE May 23, 2000
SHEET 3 OF 5



SCALE
1" = 20' Horiz. (Plan)
1" = 5' Vert. (Profile)

BENCHMARKS:
1. "□" CUT ON THE N.W. COR. OF SWB PAD AT THE N.E. COR OF MELLOR AND WEBB. ELEV. = 177.67

2. C.O.W. DISK AT THE S.W. COR. RCBC 200'± NORTH OF CENTRAL ON WEBB ELEV. = 174.73

NOTES:

1. ALL STORM SEWER MATERIALS AND CONSTRUCTION TO COMPLY WITH CITY OF WICHITA STANDARD SPECIFICATIONS.

2. CONNECTION OF ROOF DRAIN TO STORM SEWER REQUIRES A PERMIT FROM CITY OF WICHITA.

3. THE CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS IN CONFORMANCE WITH ADMINISTRATIVE REGULATION AR-78.

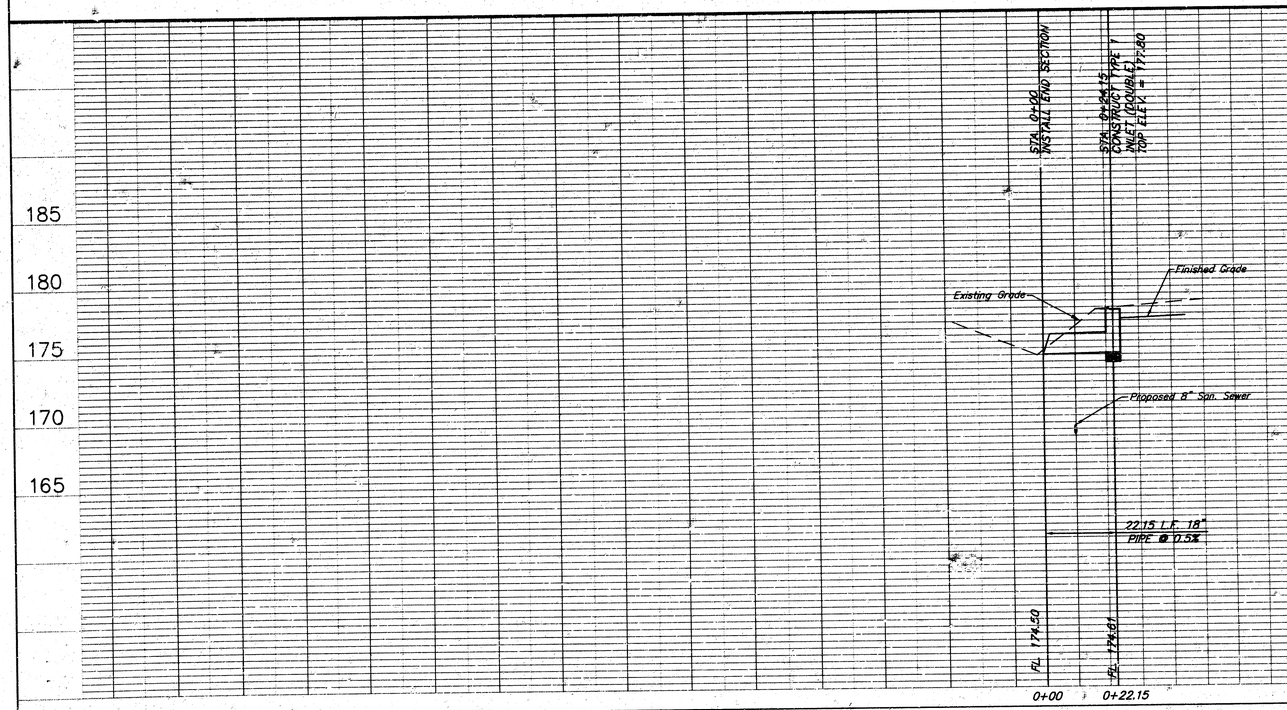
4. TRAFFIC WILL NOT BE AFFECTED BY CONSTRUCTION OF THIS PROJECT.

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers VRH 6/1/00
Driveway Approaches _____
Water Mains _____
Paving _____

NOTE TO CONTRACTORS

Inspection and testing for this project are 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 without written authorization by the City Engineer.



BOOKED:
6-16-01
MCG
D-512

As-Builts
Inspected by: Tim Kelly / Mike Stump
Inspection firm: Savoy, Ruggles & Bohm
Inspected: 02/01/2001 — 02/02/2001
TV'd: NO - Visual Inspection only
Material: 22.2 l.f. 18" RCP w/ end section
1- Type 1 inlet (4'4" x 11'4")
BUILT PER PLAN

As-Builts 02/08/2001

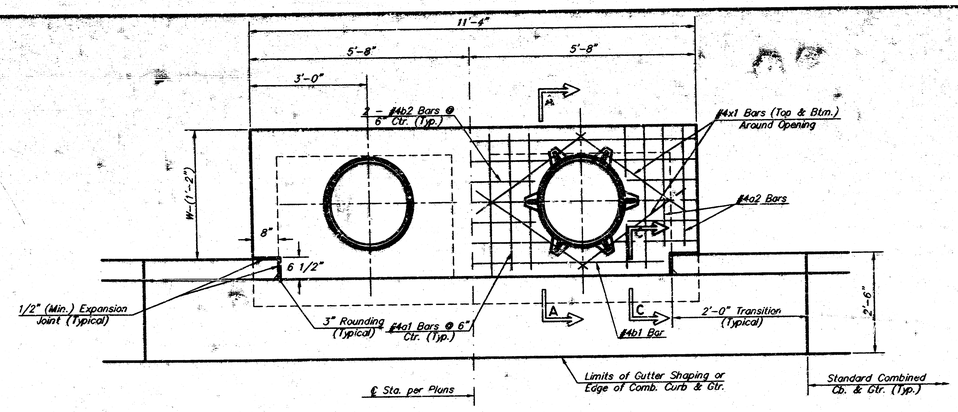
COLLISION SPECIALISTS INC.
PRIVATE STORM SEWER
LOT 1, BLK. 1, KUHLMAN ADD., WICHITA, KANSAS

SRB 924 NORTH MAIN WICHITA, KANSAS 67203 http://www.feist.com/~srb
316-264-8008 FAX 264-4621 E-Mail: srb@feist.com
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER 1010 PPS (607861)

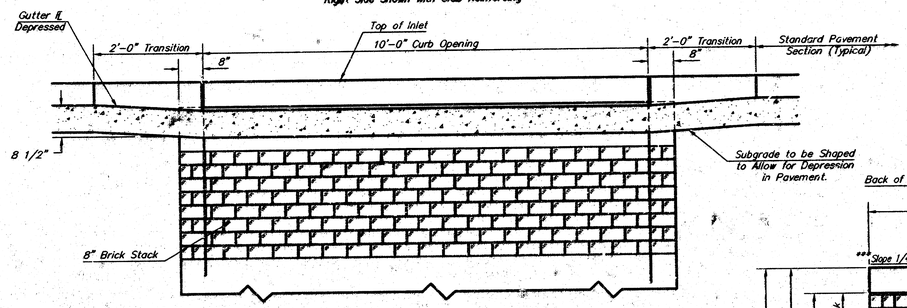
DESIGN	DRAWN	UTILITY	REVIEW	DATE	REVISED
TCR	JTS			May 22, 2000	May 31, 2000

SHEET 4 OF 5

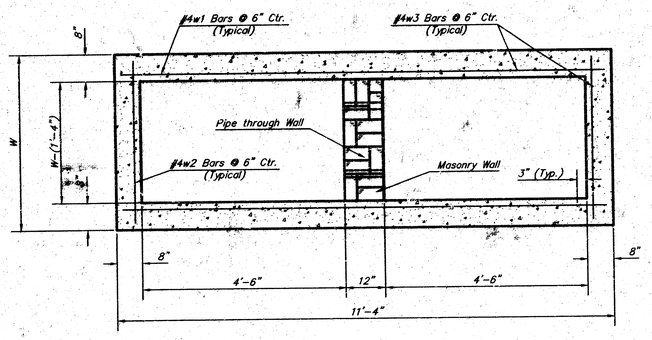


PLAN

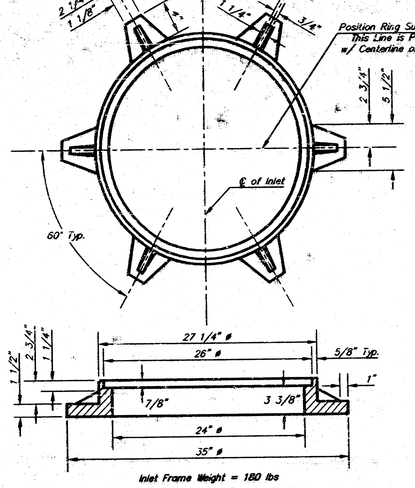
*Left Side Shown Without Slab Reinforcing, Right Side Shown With Slab Reinforcing



ELEVATION



SECTION B–B



Inlet Frame Weight = 180 lbs

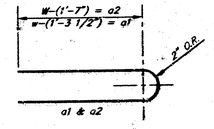
MANHOLE RING AND COVER

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

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	[illegible]	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 H (H - 12") (H - 21") Rounded down to nearest 0.5'
② H - 3"

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	5'-8" x 11'-4" x 7 1/2"	21" & SMALLER	0.83±
5'-4"	6'-8" x 11'-4" x 7 1/2"	24" & 30"	1.09±
6'-4"	5'-8" x 11'-4" x 7 1/2"	35" & 42"	1.35±
7'-4"	6'-8" x 11'-4" x 7 1/2"	48" & 54"	1.61±
8'-4"	7'-8" x 11'-4" x 7 1/2"	60" & 66"	1.87±



BENDING DIAGRAM

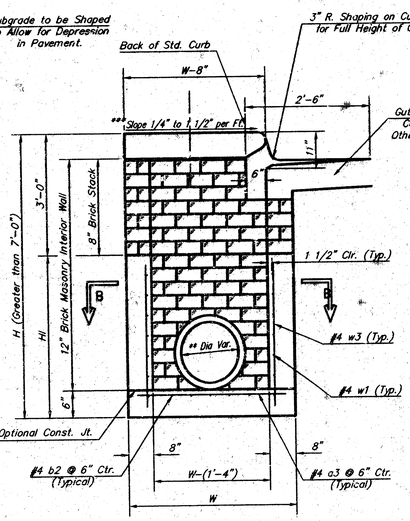
GENERAL NOTES:

Concrete shall be C.O.W. standard paving mix. All exposed edges shall be finished with an edging tool. Reinforcing bars shall be field bent or cut to fit pipes and inlet rings. All bars are #4 bars @ 6" spacing and shall have a minimum clearance of 1 1/2" unless otherwise noted. Floors of inlet shall be shaped with 8 sack sand mix concrete to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipe(s). The contractor will be required to construct 8" brick masonry walls between the inlet base and top on this inlet when H=7'-0" or less and W=6'-4" 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.

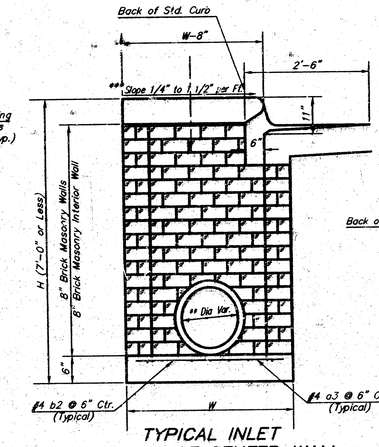
Concrete tops to be installed on thin mortar cushion to insure full support along brick walls. Concrete tops may be cast in place or precast.

The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.

This detail is identical to the standard detail drawing except that the gutter transition length is increased from 2'-0" to 3'-6".

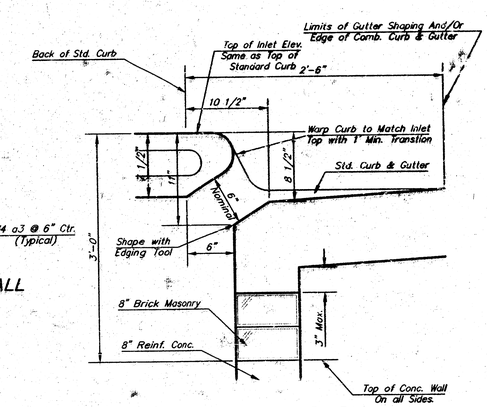


TYPICAL INLET SECTION AT CENTER WALL (REINFORCED CONCRETE WALLS)

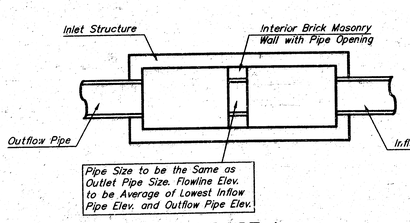


TYPICAL INLET SECTION AT CENTER WALL (MASONRY WALLS)

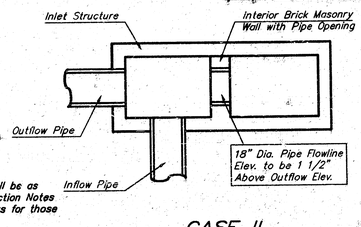
NOTES:
** A center wall opening shall be provided by means of a section of reinforced concrete pipe. See Case I and Case II below.
*** Slope of inlet tops to match sidewalk of parking slopes within limits indictated



SECTION C–C

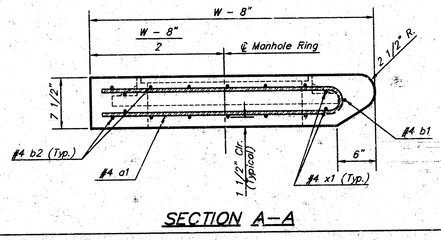


CASE I



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

CASE II



SECTION A–A

THE CITY OF WICHITA

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202
(316) 268-4351
(316) 268-4114 FAX

STANDARD TYPE 1 CURB INLET OPENING = 6"x10'-0"

M. E. LINDEBAK P.E. – CITY ENGINEER

PROJECT NUMBER	OCA #
1010 PPS	607861
DATE: MAR 96	SHEET 5 OF 5