



MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
PRECAST SLAB AND FLOOR REINFORCING											
W = 4'-4"			W = 5'-4"			W = 6'-4"			W = 7'-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"		
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	36"	40	40"	44	44"	48	48"	48	48"

MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
STANDARD CURB INLET PRECAST TOPS											
W	PRE-CAST TOP SIZE	PPE SIZE	CU. YD. CONC.								
4'-4"	3'-8" x 6'-4" x 7 1/2"	21" & SMALLER	0.384								
5'-4"	4'-8" x 6'-4" x 7 1/2"	24" & 30"	0.514								
6'-4"	5'-8" x 6'-4" x 7 1/2"	36" & 42"	0.644								
7'-4"	6'-8" x 6'-4" x 7 1/2"	48" & 54"	0.774								
8'-4"	7'-8" x 6'-4" x 7 1/2"	60" & 66"	0.904								

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.

NOTE: Inlet Top Reinforcing shall be Spaced on 6" Max. Centers. Inlet Lids Shall be Notched Out as Indicated to Facilitate Construction of Curb.
 NOTE: 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 oil entrainment.
 NOTE: Expansion Joint Only in Curb Area With Concrete Pavement.
 ***NOTE: Slope of Inlet tops to Match Sidewalk or Parking Slopes within Limits Indicated.
 ***Slope 1/4" to 1/2" per Foot.
 ***Field Bend or Cut Reinforcing as Required for Clearance.
 ① 4 (H - 12') (H - 21') Rounded down to nearest 0.5'
 ② H - 3'

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.

RECORD DRAWING
 1/9/2008
 MLT

THE CITY OF WICHITA
 STANDARD TYPE 1-A
 CURB INLET
 OPENING = 6" X 5'-0"

JAMES L. ARMOUR, P.E. - CITY ENGINEER
 PROJECT NUMBER: 179PPP
 DATE: MAR 07
 SHEET 76 OF 94

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TERRADYNE WEST ADDITION
 STREET & STORM SEWER IMPROVEMENTS
 TYPE 1-A INLET 5'-0"
 CITY OF WICHITA, KANSAS
 JAMES L. ARMOUR, P.E. - CITY ENGINEER
 Private Project # 179PPP OCA# 607879

No.	Date	By	Approved	Revision
1	1/9/08	MLT	JPD	Moved Curb Inlet South to New Location