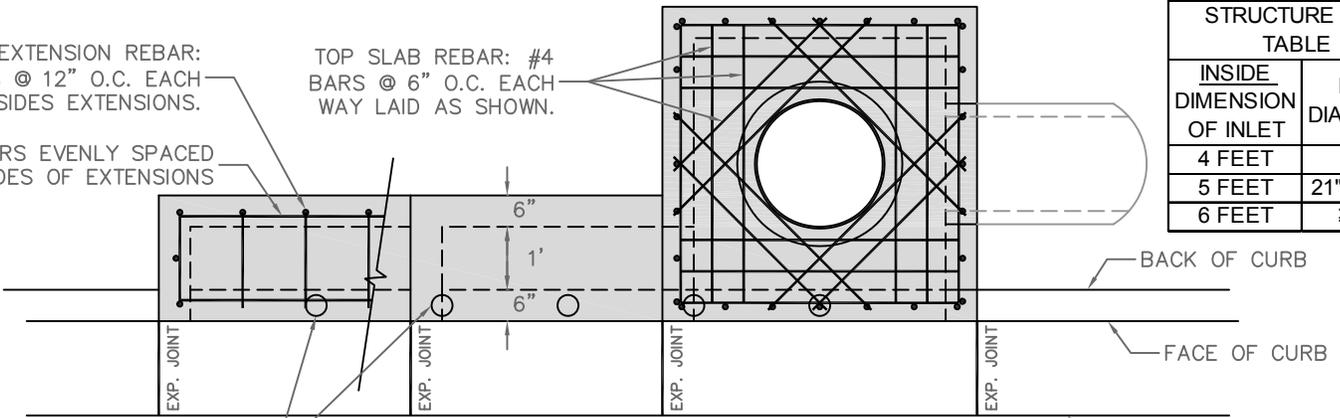


TYPICAL EXTENSION REBAR:
#4 BARS @ 12" O.C. EACH
WAY ALL SIDES EXTENSIONS.

TOP SLAB REBAR: #4
BARS @ 6" O.C. EACH
WAY LAID AS SHOWN.

3 - #4 BARS EVENLY SPACED
ON ALL SIDES OF EXTENSIONS

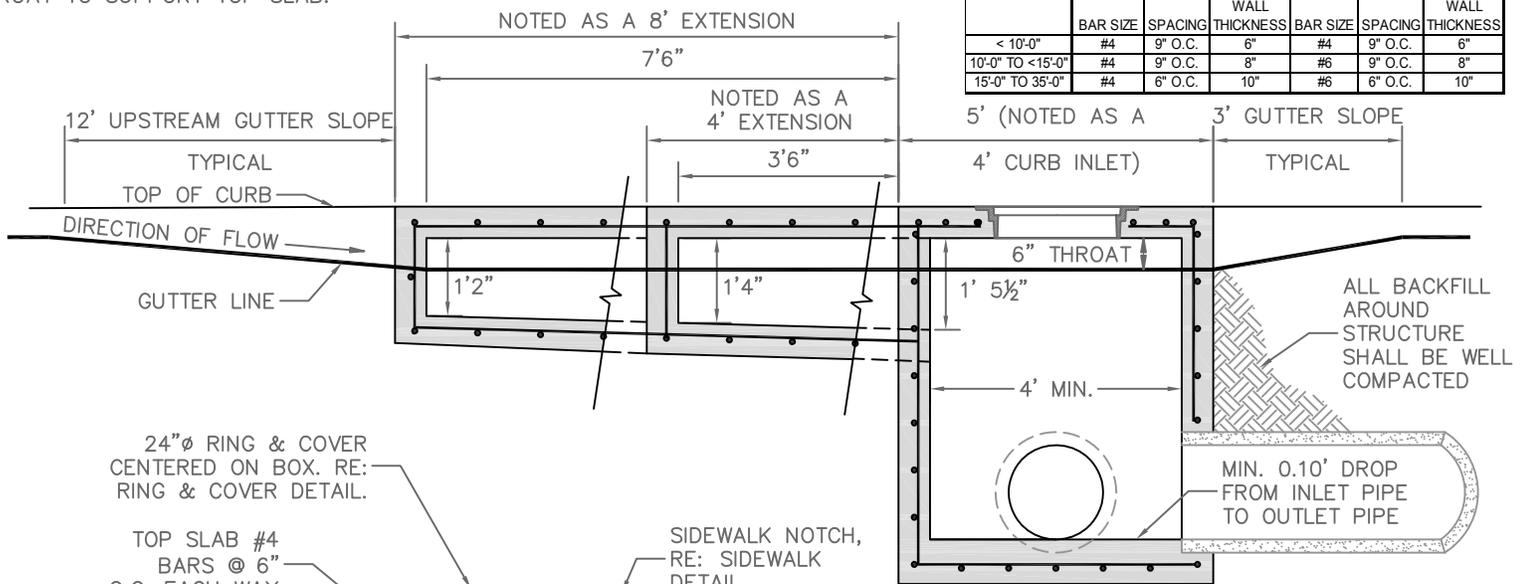
STRUCTURE SIZE TABLE	
INSIDE DIMENSION OF INLET	PIPE DIAMETER
4 FEET	18"
5 FEET	21" TO 42"
6 FEET	≥ 60"



4"Ø CONCRETE COLUMNS SPACED
@ 2'0" INTERVALS ALONG INLET
THROAT TO SUPPORT TOP SLAB.

PLAN VIEW

HEIGHT	4x4' INLET			4x5' TO 4x7' INLET		
	BAR SIZE	SPACING	WALL THICKNESS	BAR SIZE	SPACING	WALL THICKNESS
< 10'-0"	#4	9" O.C.	6"	#4	9" O.C.	6"
10'-0" TO <15'-0"	#4	9" O.C.	8"	#6	9" O.C.	8"
15'-0" TO 35'-0"	#4	6" O.C.	10"	#6	6" O.C.	10"



ELEVATION VIEW

24"Ø RING & COVER
CENTERED ON BOX. RE:
RING & COVER DETAIL.

TOP SLAB #4
BARS @ 6"
O.C. EACH WAY

PROVIDE 1 CUBIC
FOOT OF 1½"
CRUSHED STONE IN
BURLAP SACK AT
EACH WEEP HOLE.

2 - 3"Ø WEEP
HOLES AT ALL
SAG INLETS

#4 BARS @ 9"
O.C. EACH WAY,
SIDES AND
BOTTOM

OMIT THIS
PORTION OF
INLET SIDE
WHEN BUILT
WITH
EXTENSIONS.

SIDEWALK NOTCH,
RE: SIDEWALK
DETAIL

PROVIDE 8" MIN.
HEIGHT OPENING IN
BACK OR SIDE OF
INLET AT SPECIFIED
ELEVATION WHEN
CALLED FOR ON
PLANS. PROVIDE
EXTRA HORIZ. BAR
TOP AND BOTTOM
OF OPENING.

ALL BACKFILL
AROUND
STRUCTURE
SHALL BE WELL
COMPACTED

MIN. 0.10' DROP
FROM INLET PIPE
TO OUTLET PIPE

SECTION VIEW

1. PIPES MAY ENTER BOX FROM ANY ANGLE OR ELEVATION AS APPROVED BY ENGINEER.
2. REINFORCING BARS SHALL BE CUT TO CLEAR PIPE BY 1½".
3. PROVIDE ¾" CHAMFER ON ALL EXPOSED CORNERS.
4. ALL REINFORCING BARS SHALL BE GRADE 60 AND HAVE 2" MINIMUM COVER, UNLESS NOTED OTHERWISE.
5. ALL CONCRETE SHALL BE CLASS B PER CITY'S STANDARD SPECIFICATIONS (3500 PSI, 4-7% AIR ENTRAINED).
6. CONTACT THE CITY 24 HOURS PRIOR TO POURING CONCRETE FOR AN INSPECTION.
7. MANHOLES SHALL BE CONSTRUCTED THE SAME EXCEPT WITHOUT THE INLET OPENINGS.



CITY OF ROGERS

301 WEST CHESTNUT STREET
ROGERS, ARKANSAS 72756
(479) 621-1186

RECTANGULAR CURB INLET / MANHOLE DETAIL

NOT TO SCALE

FEBRUARY 15, 2012