



- GENERAL NOTES**
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY STANDARD SPECIFICATIONS.
 - ALL EXPOSED CONCRETE SURFACES SHALL HAVE A CARBORUNUM FINISH.
 - ALL EXPOSED CONCRETE EDGES SHALL HAVE A 3/4" CHAMFER.
 - ALL REINFORCED STEEL SHALL BE 1/2" DIA. EXCEPT AS NOTED. ALL HORIZONTAL BARS SHALL BE SPACED AT 6" CC EXCEPT AS SHOWN FOR 48" TO 72" R.C.P. VERTICAL BARS SHALL BE SPACED AT 10" CC.
 - MAXIMUM DEPTHS OF BOXES FOR 48" TO 72" R.C.P. SHALL BE AS FOLLOWS: 48"-18"; 54"-16"; 60"-14"; 66"-12"; 72"-10".
 - REINFORCED CONCRETE PIPE SHALL CONFORM TO REQUIREMENTS OF A.A.S.H.O. M-170 (ASTM C-76) CLASS III UNLESS OTHERWISE DESIGNATED.
 - WALL THICKNESS (DIMENSION 'T') OF PIPES SHOWN, ARE TAKEN FROM "WALL B" COLUMN OF A.A.S.H.O. TABLES.
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|---|--------|--------|--------|-----|--------|--------|--------|-----|--------|-----|--------|-----|--------|-----|
| D | 15" | 18" | 21" | 24" | 27" | 30" | 33" | 36" | 42" | 48" | 54" | 60" | 66" | 72" |
| T | 2 1/4" | 2 1/2" | 2 3/4" | 3" | 3 1/4" | 3 1/2" | 3 3/4" | 4" | 4 1/2" | 5" | 5 1/2" | 6" | 6 1/2" | 7" |
- DIMENSION D IS THE DIAMETER OF THE LARGEST PIPE ENTERING THE JUNCTION BOX THROUGH THE SIDE.
 - DIMENSION "X" DEPENDS ON DEPTHS AS CALLED FOR IN THE PLANS.
 - FOR WALL HEIGHTS ≤ 7' N=8"
 - FOR WALL HEIGHTS > 7' N=10"
 - FOR PIPE ENTRY/EXIT AT SKEW ANGLES CONTRACTOR SHALL INCREASE THE INSIDE WIDTH OF THE BOX TO ALLOW FOR 9" CLEARANCE AT EACH SIDE OF THE PIPE.

GENERAL NOTE:

- STORM SEWER STRUCTURES (JUNCTION BOX/INLETS) SHALL BE PRE-CAST. NO BRICK CONSTRUCTION IS ALLOWED.
- A MINIMUM OF 6" THICK 1 1/2" CLEAN ROCK/AGGREGATE BASE (ASTM #57) WILL BE REQUIRED UNDER STORM SEWER STRUCTURES (JUNCTION BOX/INLETS).

STORM SEWER JUNCTION BOX DETAILS

WAL-MART SUPERCENTER #4321-00
NW 53rd ST. NORTH & N. MERIDIAN
WICHITA, KANSAS

SMC Consulting Engineers, P.C.
815 West Main - Oklahoma City, OK 73108
PH: 405-232-7715 Fax: 405-232-7859
KANSAS CERTIFICATE OF AUTHORIZATION NO. E-335 EXP. DEC. 31, 2006

No.	Revision	By	Date
1	Per City comments	MDS	03/23/07

DATE: 12/12/06
DRAWN BY: TN
PROJECT NO.: 4344.00
ENGINEER: TERENCE L. HAYNES, P.E. #14583

SCALE: NTS
SHEET NO. C-8.16

NOT VALID FOR CONSTRUCTION UNLESS SIGNED IN THIS BLOCK