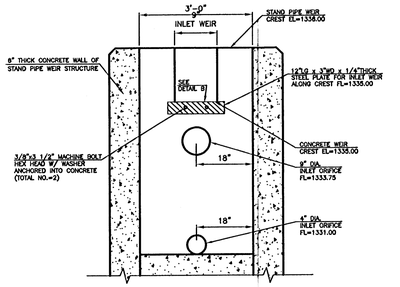
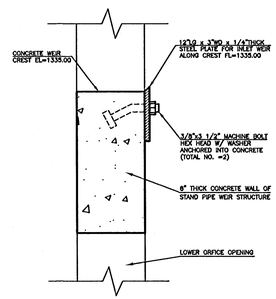


DETAIL-A

N.T.S.

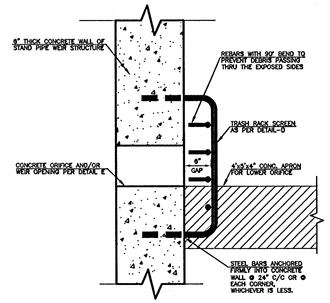
NOTE:
1. REBARS AND TRASH RACKS ARE NOT SHOWN HERE FOR CLARITY.



DETAIL-B

N.T.S.

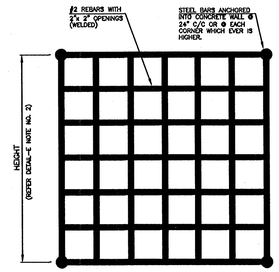
NOTE:
1. REBARS AND TRASH RACKS ARE NOT SHOWN HERE FOR CLARITY.



DETAIL-C

N.T.S.

NOTE:
1. REBARS ARE NOT SHOWN HERE FOR CLARITY.

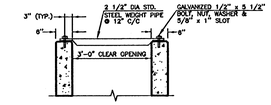


DETAIL-D

N.T.S.

TRASH RACK SCREEN

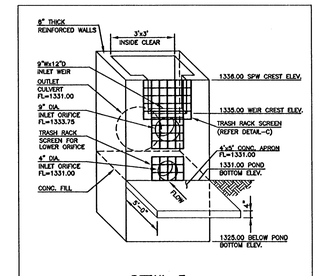
N.T.S.



DETAIL-F

PIPE GRATE

N.T.S.



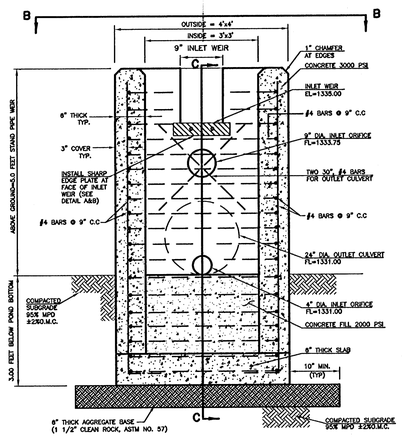
DETAIL-E

CONCRETE STAND PIPE WEIR (SPW) FOR NORTH DETENTION POND

N.T.S.

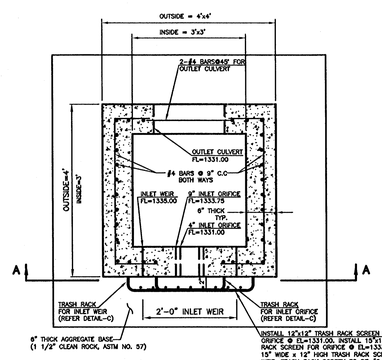
NOTE:
1. REBARS AND CONCRETE THICKNESS OF THE SPW IS NOT SHOWN HERE FOR CLARITY.

2. INSTALL 12"x12" TRASH RACK SCREEN FOR LOWER ORIFICE @ EL=1331.00. INSTALL 15"x15" TRASH RACK SCREEN FOR ORIFICE @ EL=1333.75. INSTALL 15" WIDE x 12" HIGH TRASH RACK SCREEN FOR WEIR. TRASH RACK SCREEN TO BE #2 REBARS WITH 2"x2" OPENINGS (WELDED). ANCHOR TRASH RACK INTO STAND PIPE WEIR FACE WALL WITH ANCHORED BARS INTO CONCRETE WALL (REFER DETAIL-C).



SECTION A-A

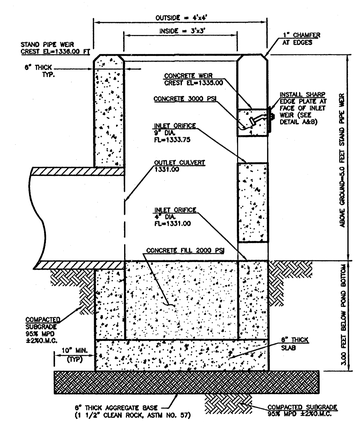
N.T.S.



INSTALL 12"x12" TRASH RACK SCREEN FOR LOWER ORIFICE @ EL=1331.00. INSTALL 15"x15" TRASH RACK SCREEN FOR ORIFICE @ EL=1333.75. INSTALL 15" WIDE x 12" HIGH TRASH RACK SCREEN FOR WEIR. TRASH RACK SCREEN TO BE #2 REBARS WITH 2"x2" OPENINGS (WELDED). ANCHOR TRASH RACK INTO STAND PIPE WEIR FACE WALL WITH ANCHORED BARS INTO CONCRETE WALL (REFER DETAIL-C).

SECTION B-B

N.T.S.



SECTION C-C

N.T.S.

NOTE:
1. REBARS AND TRASH RACKS ARE NOT SHOWN HERE FOR CLARITY.

NOTE:
1. REINFORCED STEEL SHALL BE DEFORMED BARS. COST OF STEEL, CONCRETE & MISCELLANEOUS FITTINGS SHALL BE INCLUDED IN PRICE BID FOR STAND PIPE WEIR STRUCTURE.
2. SOME OF THE REBARS IN SECTION A-A OR B-B VIEW MAY NOT BE SHOWN FOR CLARITY PURPOSES. HOWEVER, CONTRACTOR SHALL READ SECTION A-A AND B-B TOGETHER TO CALCULATE THE REBARS QUANTITES.
3. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT APPLICABLE STANDARDS OR SUPPLEMENTAL SPECIFICATIONS.
4. CONCRETE STAND PIPE WEIR STRUCTURE SHALL BE PRE CAST.
5. CONCRETE SHALL BE AIR ENTRAINED PER KDOT SPECS.

CONCRETE STAND PIPE WEIR FOR NORTH DETENTION POND

N.T.S.

STAND PIPE WEIR FOR NORTH DETENTION POND

WAL-MART SUPERCENTER #4321-00

NW 53rd ST. NORTH & N. MERIDIAN
WICHITA, KANSAS

SMC Consulting Engineers, P.C.
815 West Main – Oklahoma City, OK 73106
PH: 405-232-7715 Fax: 405-232-7859
SMC
KANSAS CERTIFICATE OF AUTHORIZATION NO. E-335 EXP. DEC. 2008

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

TERENCE L. HAYNES LICENSED 14583 KANSAS PROFESSIONAL ENGINEER 3/23/07

NOT VALID FOR CONSTRUCTION UNLESS SIGNED IN THIS BLOCK

DATE: 12/12/06
DRAWN BY: TN
PROJECT NO.: 4344.00
SCALE: NTS
ENGINEER: TERENCE L. HAYNES, P.E. #14583
SHEET NO. C-8.19

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