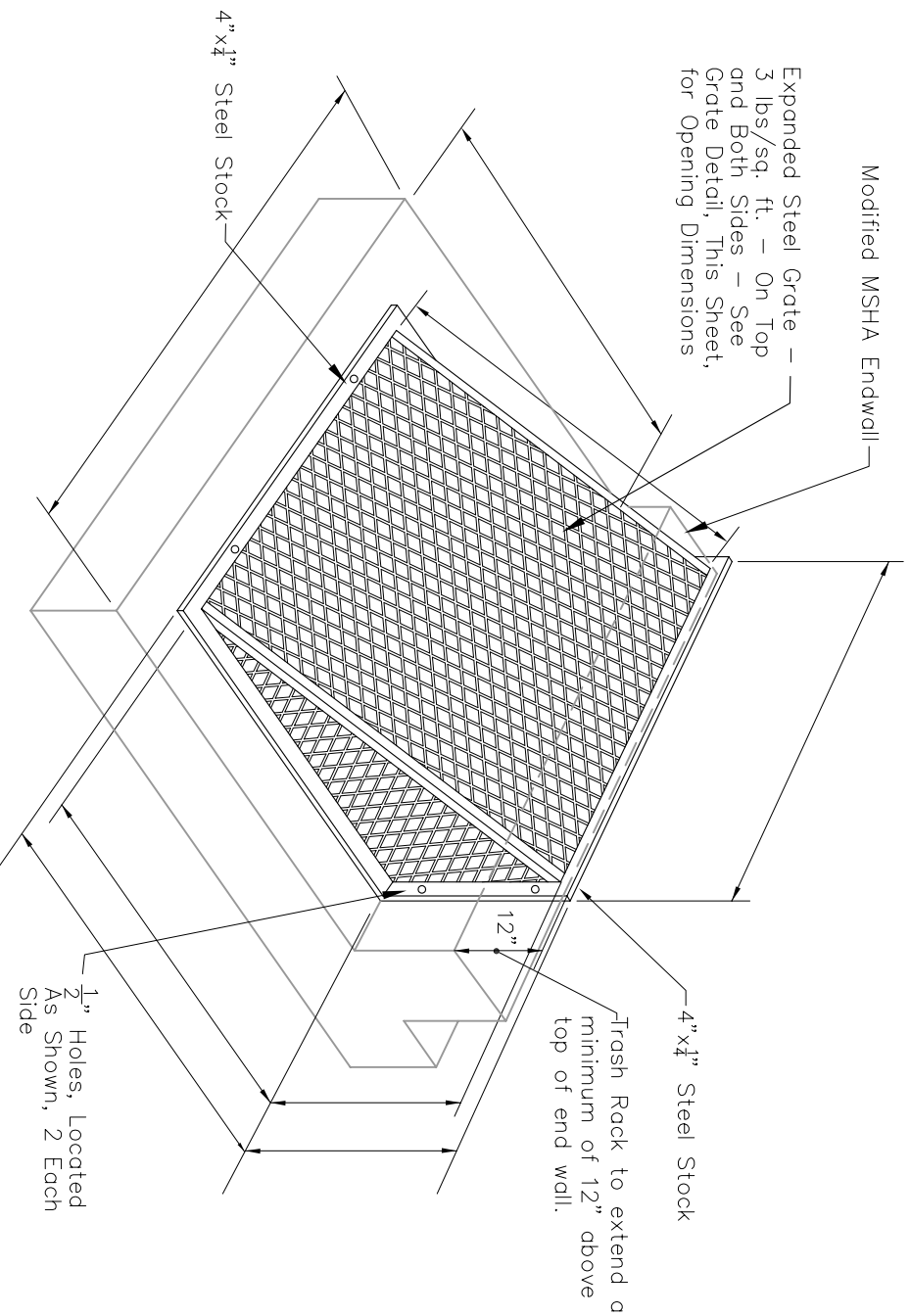




MONTGOMERY COUNTY
DEPARTMENT OF PERMITTING
SERVICES
WATER RESOURCES

LOW FLOW ORIFICE
REMOVABLE TRASH RACK
AND ENDWALL DETAIL

DATE: 02/04
REVISION:
SCALE: NONE

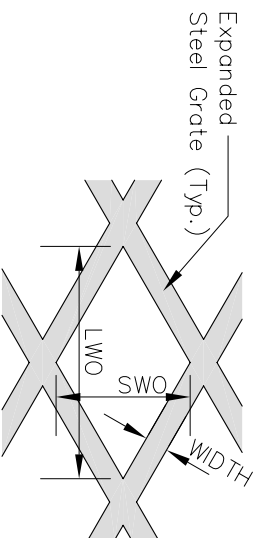


GENERAL NOTES FOR END WALL

1. FOR DIMENSIONS NOT MODIFIED, DETAILS AND SPECIFICATIONS, SEE MSHA STANDARD NO. MD-354.01 ENDWALL FOR ____" DIAMETER PIPE.
2. PIPE TO BE CENTERED HORIZONTALLY IN ENDWALL WITH INVERT AT TOP OF FOOTER.

GENERAL NOTES FOR TRASH RACK

1. STEEL TO CONFORM TO ASTM A-36.
2. ALL SURFACES TO BE HOT-DIPPED GALVANIZED AFTER FABRICATION.
3. TRASH RACK(S) TO BE FASTENED TO WALL WITH 3/8" STAINLESS STEEL ANCHOR BOLTS AND THREADED INSERTS. TRASH RACK(S) TO BE HINGED AT A MIN. OF TWO POINTS TO THE CONCRETE BASE.
4. TRASH RACK(S) TO BE CENTERED OVER OPENING.
5. IF WIDTH OF TRASH RACK EXCEEDS 3' A BRACE MUST BE PROVIDED IN THE CENTER OF THE TRASH RACK.
6. FABRICATOR MAY MODIFY COMPONENTS OF TRASH RACK FRAME TO IMPROVE CONSTRUCTABILITY OF TRASH RACK. MODIFICATIONS MUST BE APPROVED BY MCDPS PRIOR TO FABRICATION.



Expanded Steel Grate Opening Detail

Not To Scale

LBS/SF	LWO	SWO	WIDTH
2.5	2.28"	1.03"	.203"
3.0	3.44"	.940"	.264"