

(3) 1- $\frac{1}{4}$ " HOLES
 USE 3-1" BY 12" L-SHAPED
 BOLTS AND TIE REBAR
 VERTICAL AND
 HORIZONTAL

12" TYPICAL 3Y43 CONCRETE
 (4,300 P.S.I. DESIGN STRENGTH)

2'-0" TYPICAL

FLOW

PLAN

NOTES:

1. TRASH GUARD AND JOINT TIES PER
 DETAIL STM-6.

EXTEND POURED HEADWALL
 UP TO A POINT THAT WILL NOT
 HINDER THE INSTALLATION
 ACCESS OF THE TRASH GUARD.

2'-0" TYPICAL

3Y43 CONCRETE

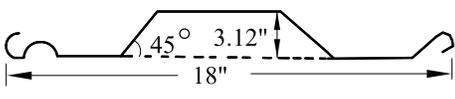
SEE SHEET 2 FOR
 REBAR LAYOUT

SHEET PILE LIGHTWEIGHT
 ASTM A-857, GR 33 TO 36
 OR A =525 SUPER 5-5 GA

#4 AT 12" O.C.
 STAGGERED VERTICAL

#4 AT 16" O.C.

7'-0" TYP.



16.9 LBS./FT.
 0.209 THICKNESS

SHEET
 PILING

OUTSIDE WIDTH OF FLARED
 END SECTION PLUS 4'-0"

ELEVATION



CITY OF BURNSVILLE - ENGINEERING DEPT.

**FLARED END SECTION
 WITH SHEET PILING**

Plate No.	STM-8(1)
Revision Date	11/2013
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