

ISOMETRIC VIEW
n.t.s.

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Manure Solids Separator
with Pipe Inlet Isometric View

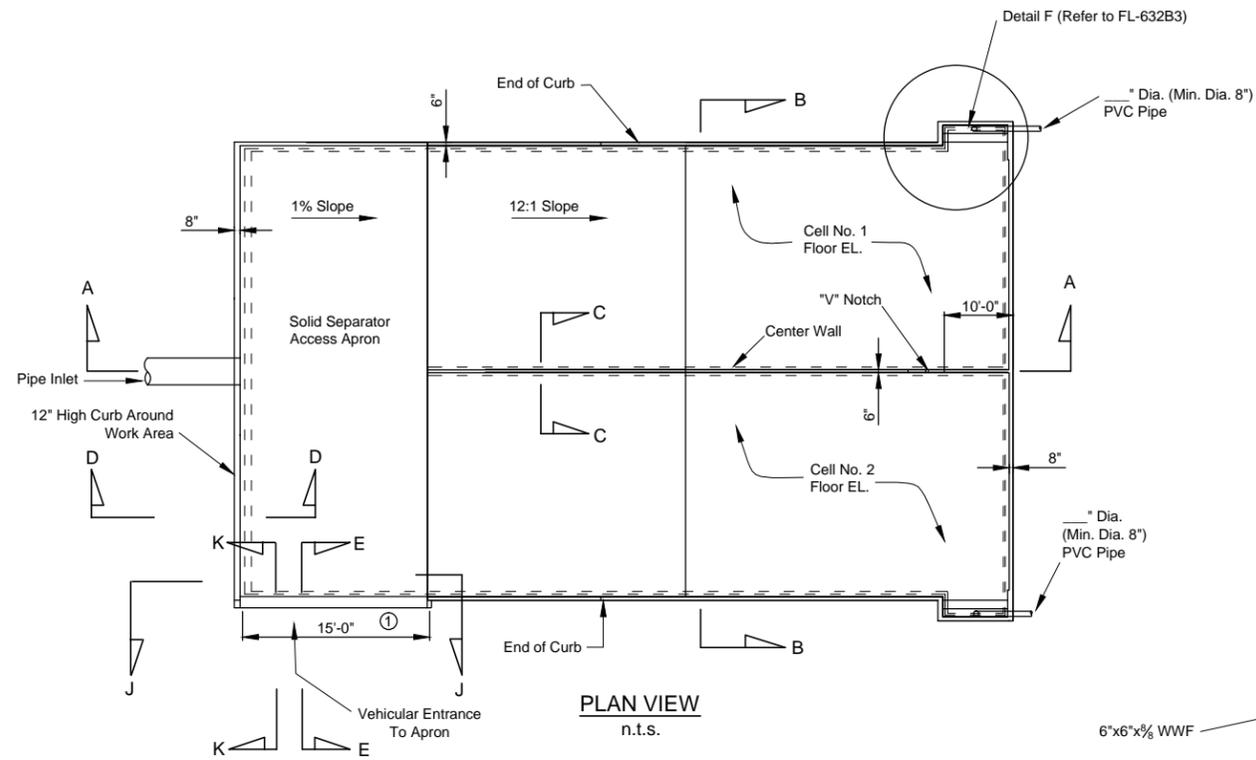


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FL-632B.dwg
Drawing No.

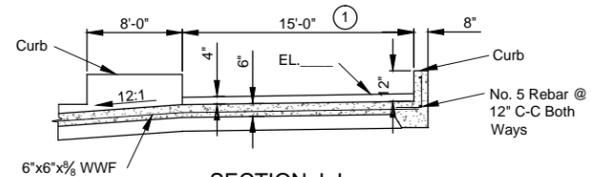
Revisions		
Date	Approved	Title

Sheet 1 of 4

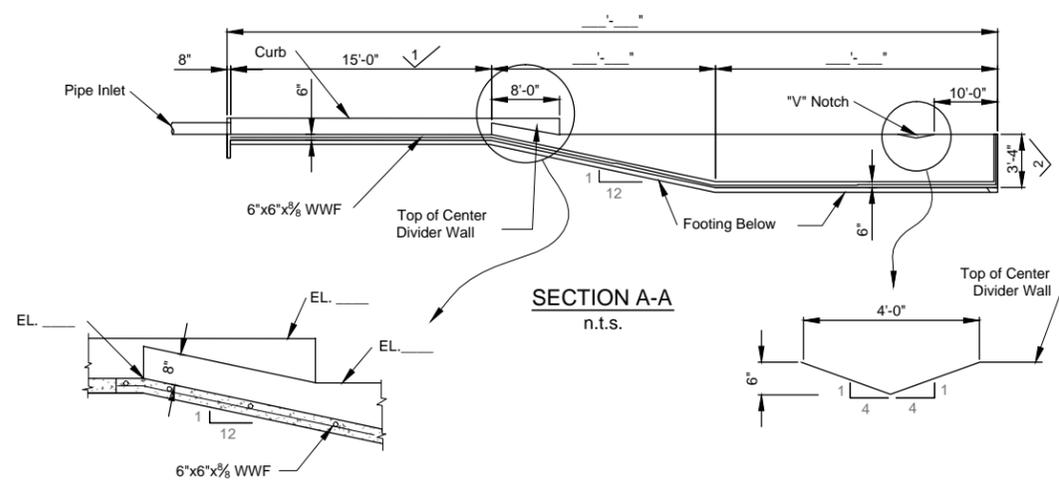
Manure Solids Separator with Pipe Inlet Isometric View	
Standard DWG. No.	FL-632B1
Date	Sheet 1 of 4



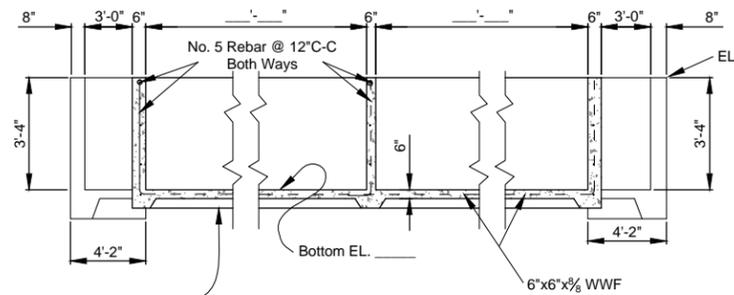
PLAN VIEW
n.t.s.



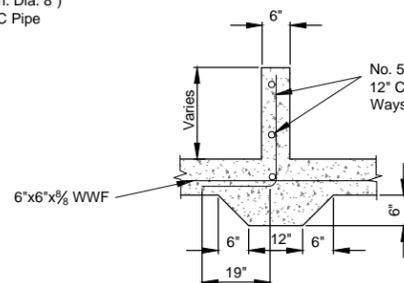
SECTION J-J
n.t.s.



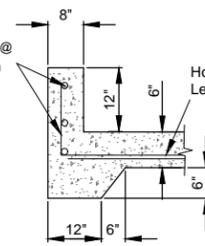
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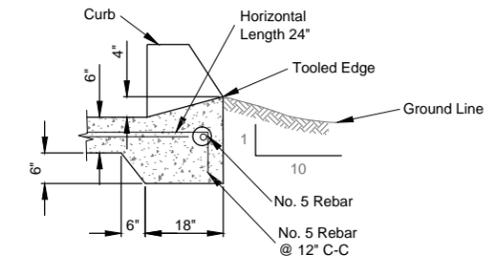
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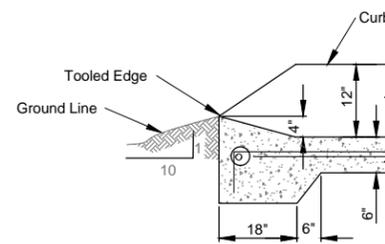
SECTION C-C
n.t.s.



SECTION D-D
n.t.s.



SECTION E-E
n.t.s.



SECTION K-K
n.t.s.

- NOTES:**
- Design based on maximum wall height of 3'-4".
 - Each cell shall be designed to hold a min. of 7 days storage of solids @ 1.3 cu. ft./1000 LB. animal/ day times % confinement. (See table 4-5b of AWMFH)
 - Refer to operation and maintenance plan for specifics on how to operate the solids separator.
 - Lined waterway and vehicular access to apron to be determined by designer.
 - Class "A" compaction required under floor and ramp.
 - Concrete shall be class 4000m.

- Entrance width may be increased to accommodate equipment
- Push wall may be increased to a wall height of 4'-0"

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Manure Solids Separator with Pipe Inlet
Plan and Section



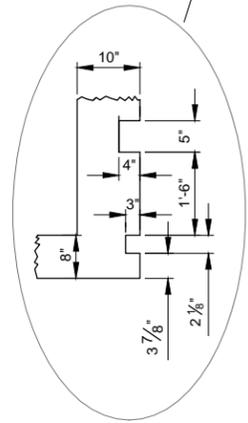
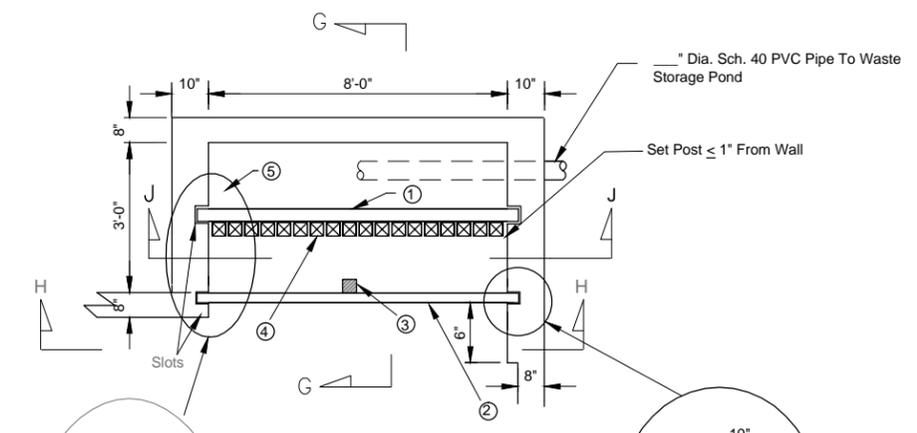
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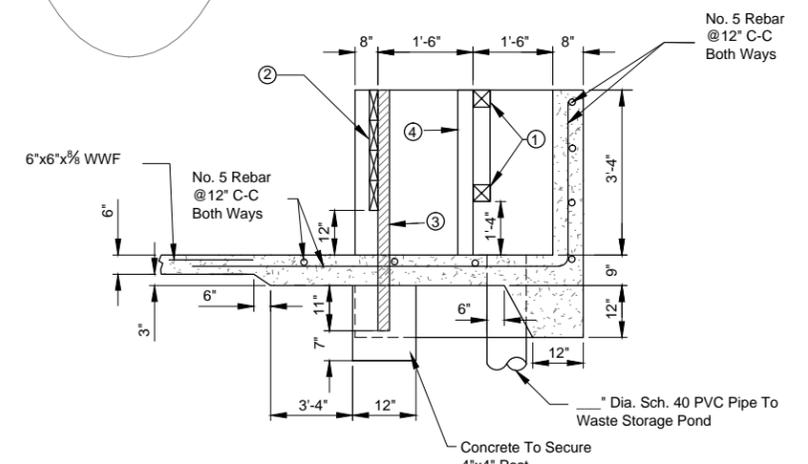
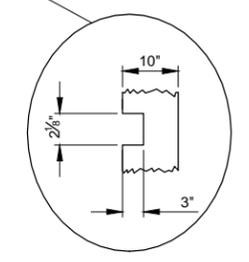
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**Manure Solids Separator
with Pipe Inlet Plan and Section**

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Date Sheet 2 of 4

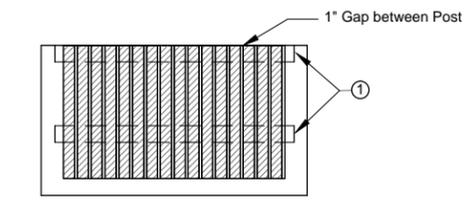


DETAIL F
n.t.s.



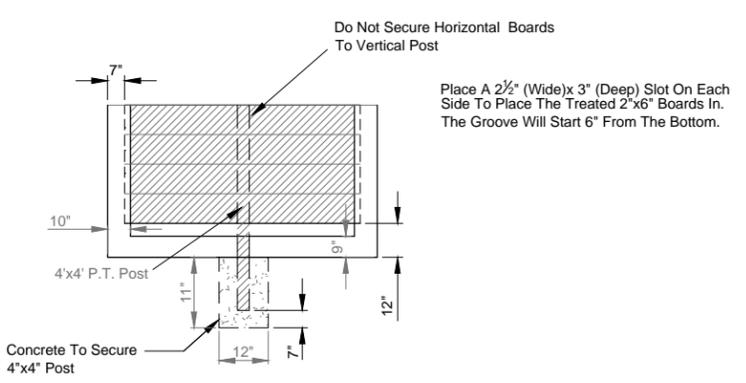
SECTION G-G
n.t.s.

Use 7"x3/8" Dia. Galvanized Lag Bolts To Fasten The 4"x4" Horizontal Post To The Vertical 4"x4" Post ④



4" (Deep) x 5" (Wide) Slot Placed In The Concrete To Position The 4"x4"

SECTION J-J
n.t.s.



SECTION H-H
n.t.s.

PICKET FENCE SCREEN DETAILS
n.t.s.

Bill Of Materials For Picket Fence Screen (Based On 3'-4" Wall Height)			
ITEM	DESCRIPTION	LENGTH	QUANTITY
①	Pressure Treated 4"x4" Full Cut	8'-6"	2
②	Pressure Treated 2"x6" Skimmer Boards	8'-4"	4
③	Pressure Treated 4"x4" Post - Placed in 20" concrete	5'-0"	1
④	Pressure Treated 4"x4" Post	3'-4"	19
⑤	Galvanized Lag Bolts	7"x3/8" Dia.	38

Manure Solids Separator with Pipe Inlet
Details Picket Fence Screen

Standard DWG. No. FL-632B3

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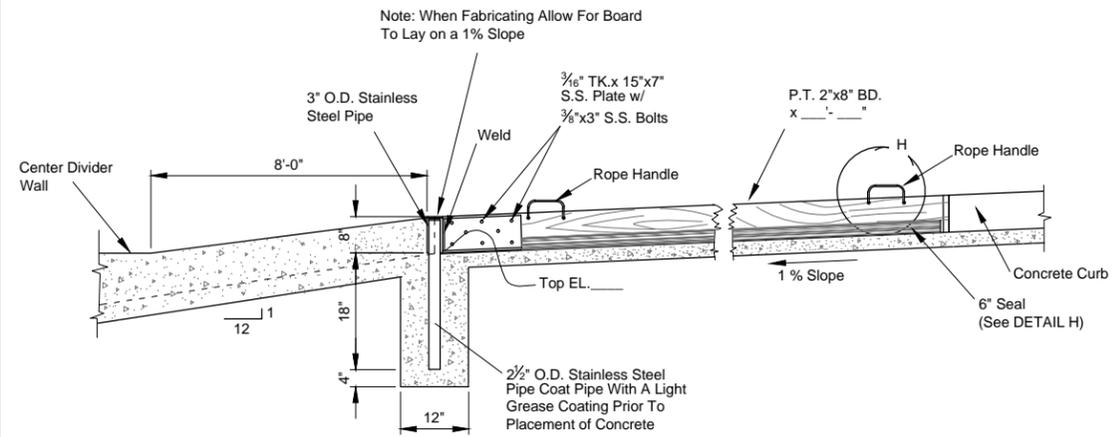
Manure Solids Separator with Pipe Inlet Details
Picket Fence Screen



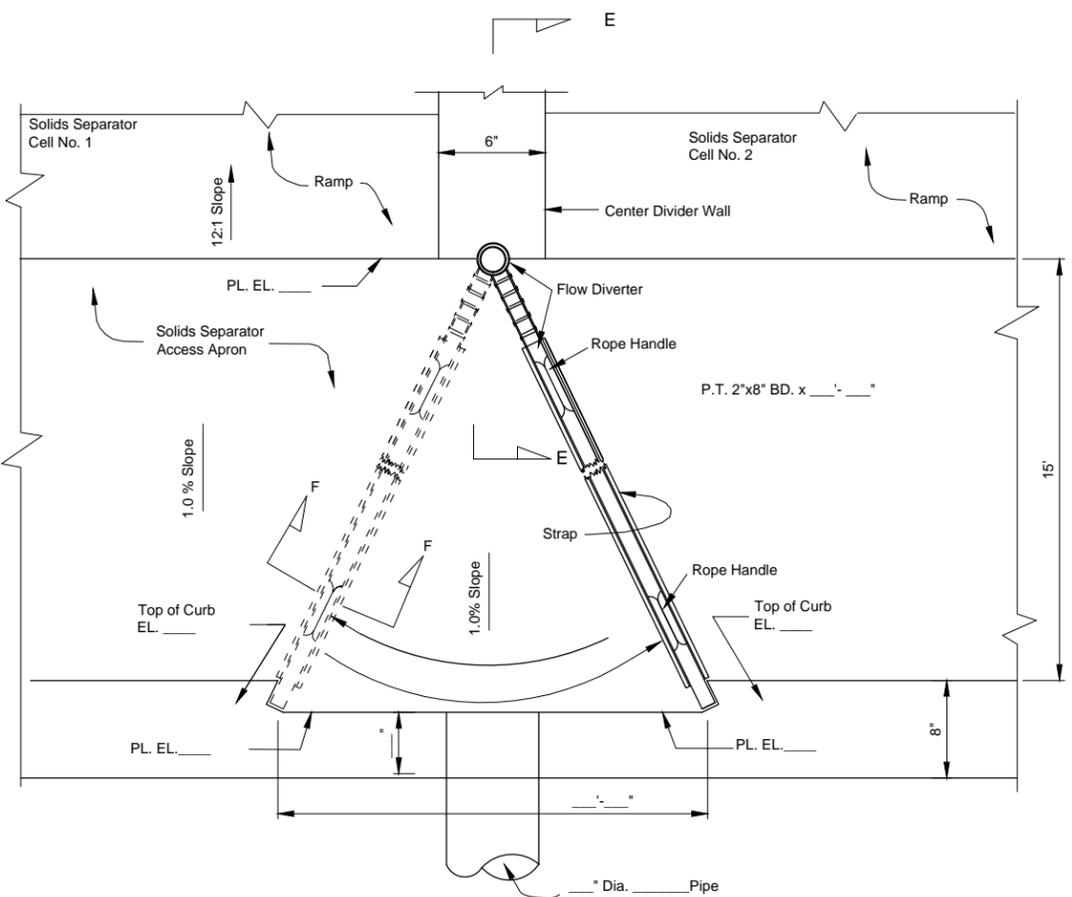
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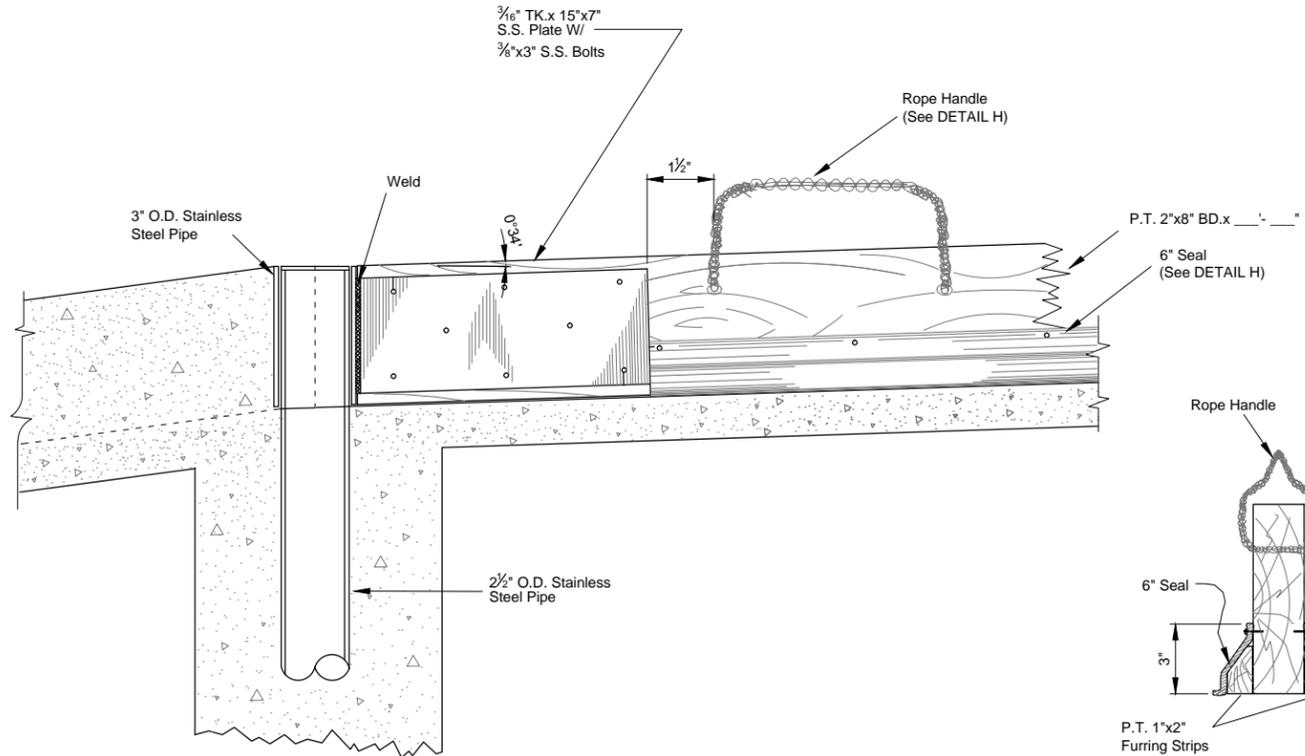
Sheet 3 of 4



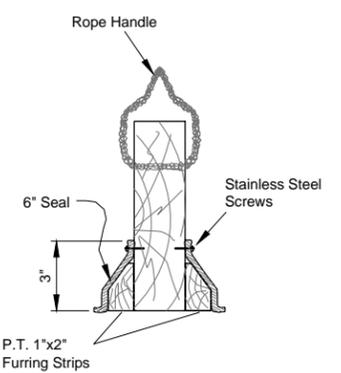
FLOW DIVERTER SECTION VIEW
n.t.s.



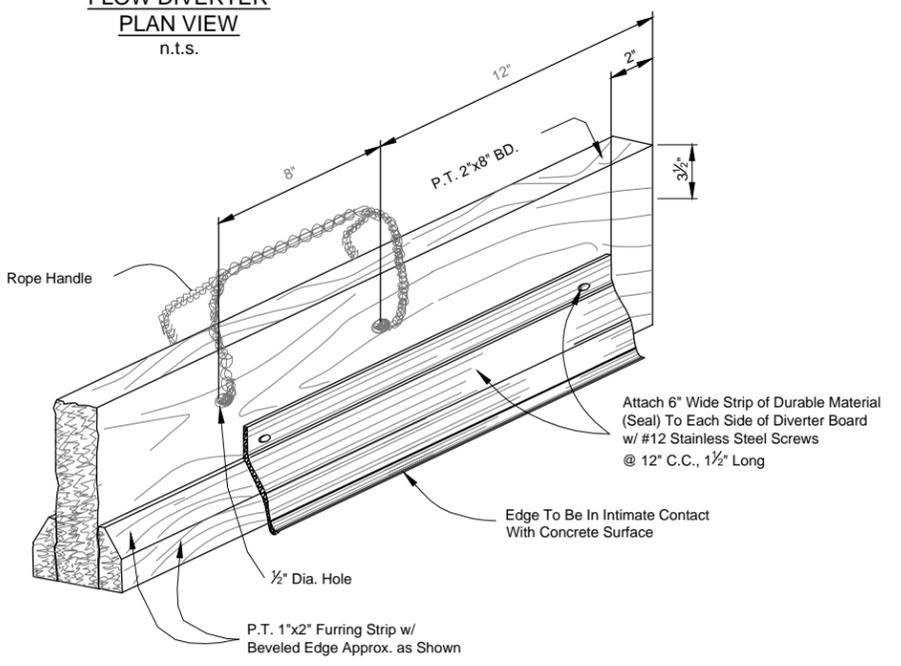
FLOW DIVERTER PLAN VIEW
n.t.s.



SECTION E-E
n.t.s.



SECTION F-F
n.t.s.



DETAIL H
n.t.s.

Manure Solids Separator with Pipe Inlet Details

Standard DWG. No. FL-632B4

Date _____ Sheet 4 of 4

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Manure Solids Separator with Pipe Inlet Details



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Drawing No.