

St. Charles County

Erosion & Sediment Controls Standard Drawings

SEDIMENT BASIN

RISER PIPE

DATE: MARCH 2008

DRAWING ESC-22

2" CLEAN ROCK -

DESIGN CRITERIA:

TOP OF RISER PIPE SHALL BE A MIN. OF 18" BELOW THE TOP OF THE EMBANKMENT.

HOLES SHALL BE SPACED AS SHOWN. HOLES ARE TO BE PLACED WITHIN 150" FACING AWAY FROM THE EMBANKMENT.

2. THE RISER PIPE SHALL BE SIZED FOR THE 10-YR STORM WITH A 1 FT FREEBOARD.

4. 2" CLEAN ROCK SHALL COVER THE HOLES. HOLES SHALL BE COVERED

WITH 1/2" WIRE MESH.

\_\_ MONITORING POST (3 EACH)

IN UNFILLED AREA (TYP)

STABILIZED DISCHARGE

PERFORATED RISER PIPE

- STABILIZED EMERGENCY SPILLWAY

DESIGN CRITERIA

1. THE RISER/OUTLET PIPE SHALL BE SIZED

BAFFLE HEIGHT SHALL BE GREATER THAN TOP OF RISER PIPE AND LESS THAN TOP OF EMBANKMENT.

POROUS BAFFLES SHALL BE JUTE
MATTING, ROCK, SILT FENCE, OR SIMILAR

4. SILT MONITORING POST(S) SHALL BE INSTALLED NEAR THE OUTLET, THE MIDDLE THIRD, AND UPPER THIRD OF BASIN, AND

BE MARKED WITH MAXIMUM PERMISSIBLE

DATE: MARCH 2008

St. Charles County

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**TEMPORARY** 

SEDIMENT BASIN

DRAWING ESC-18

FOR THE 10-YR STORM WITH A 1'

FREEBOARD.

APPROVED MATERIAL.

LEVEL OF SEDIMENT.

\_ STABILIZED OUTFALL

\_\_OUTFALL PIPE BACKFILLED

WITH MIN. 6" MOIST

CLAYEY SOIL

POROUS BAFFLES,

PERFORATED RISER PIPE -

- POROUS BAFFLES (TYP)

-SEDIMENT STORAGE

2 ANTI-SEEPAGE /

COLLARS (TYP) -

(RUSLE METHOD)

ANTI-VORTEX

WET STORAGE-

MONITORING POST MARKED AT CLEANING LEVEL

(3/4 SEDIMENT VOLUME) \_\_

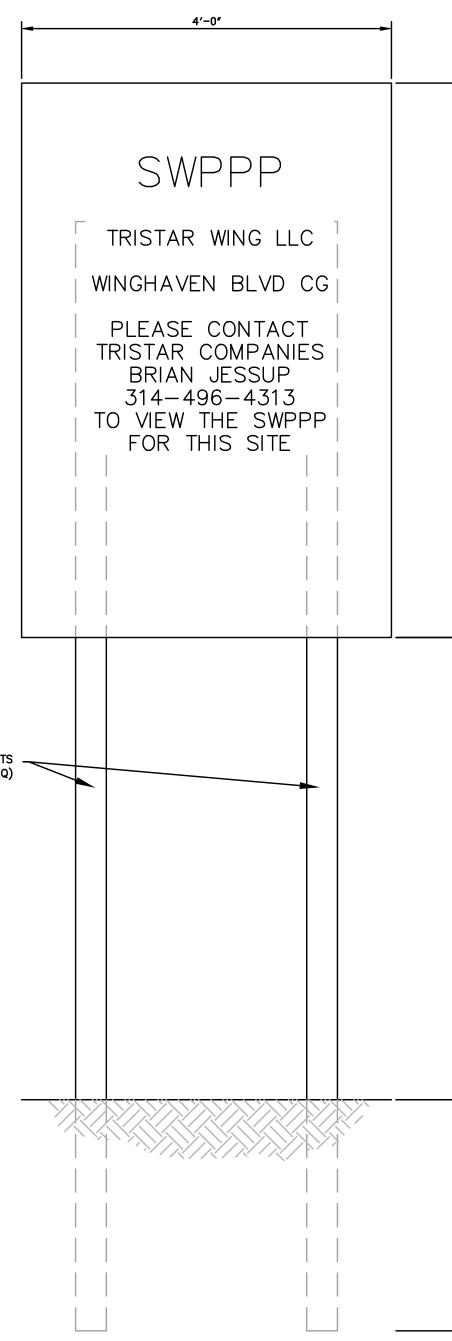
PROVIDE, INSTALL, MAINTAIN AND REMOVE A PUBLIC NOTIFICATION SIGN ON A MAJOR

LAND DISTURBANCE PROJECT (ONE ACRE AND ABOVE). THE FOLLOWING (MINIMUM) REQUIREMENTS FOR THE SIGN SHALL APPLY:

6' x 4' PLYWOOD PAINTED WHITE WITH BLACK LETTERING TO INDICATE WHERE THE STORM

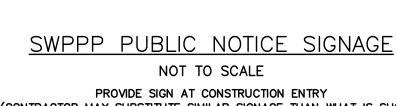
WATER POLLUTION PREVENTION PLAN IS LOCATED.

PROVIDE THE FOLLOWING IN 4" LETTERING:



NOT TO SCALE

PROVIDE SIGN AT CONSTRUCTION ENTRY



3, L.L.C. OMPANIES vd., Suite 510 33141

P+Z No.

Approval Date :09/07/23 Permit No.

Page No.

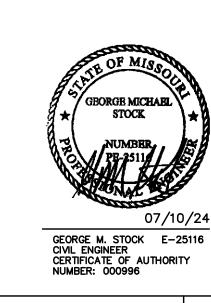
C3.2

City of O'Fallon Standard Notes and Details - July 2019

4" x 4" x 12' PRESSURE TREATED POSTS (2 REQ) (CONTRACTOR MAY SUBSTITUTE SIMILAR SIGNAGE THAN WHAT IS SHOWN) **ASSOCIATES** 

Wing

**TRISTAR** 



**Details** 

:23-010299