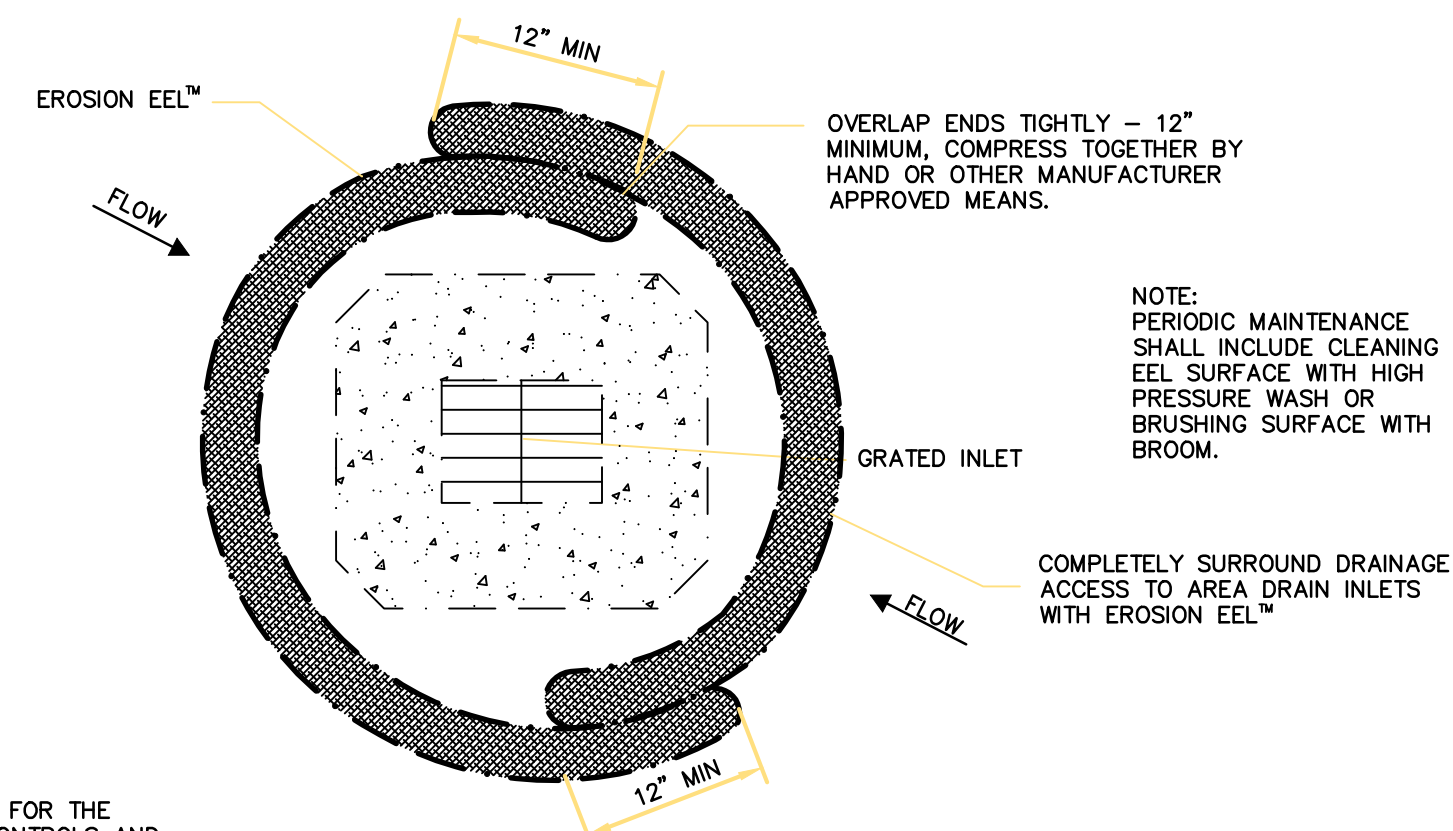
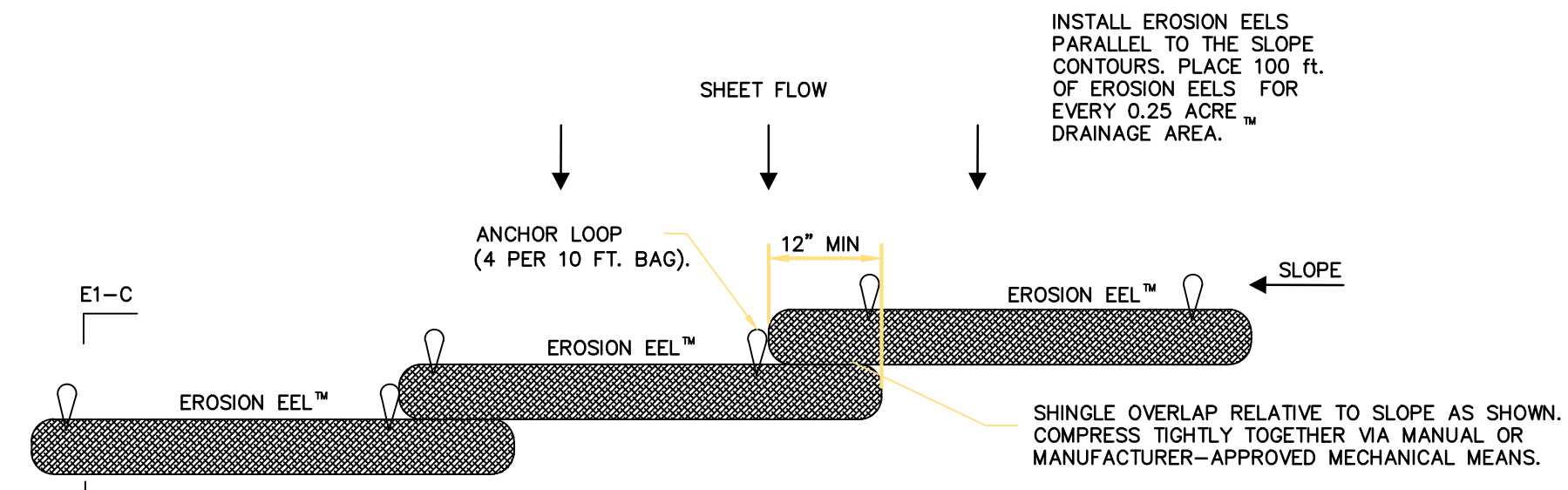
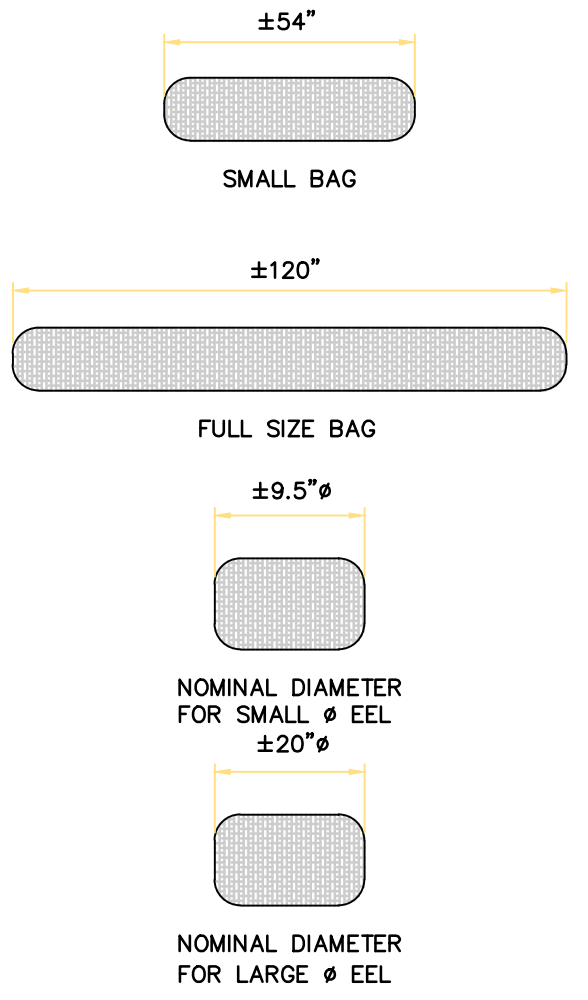
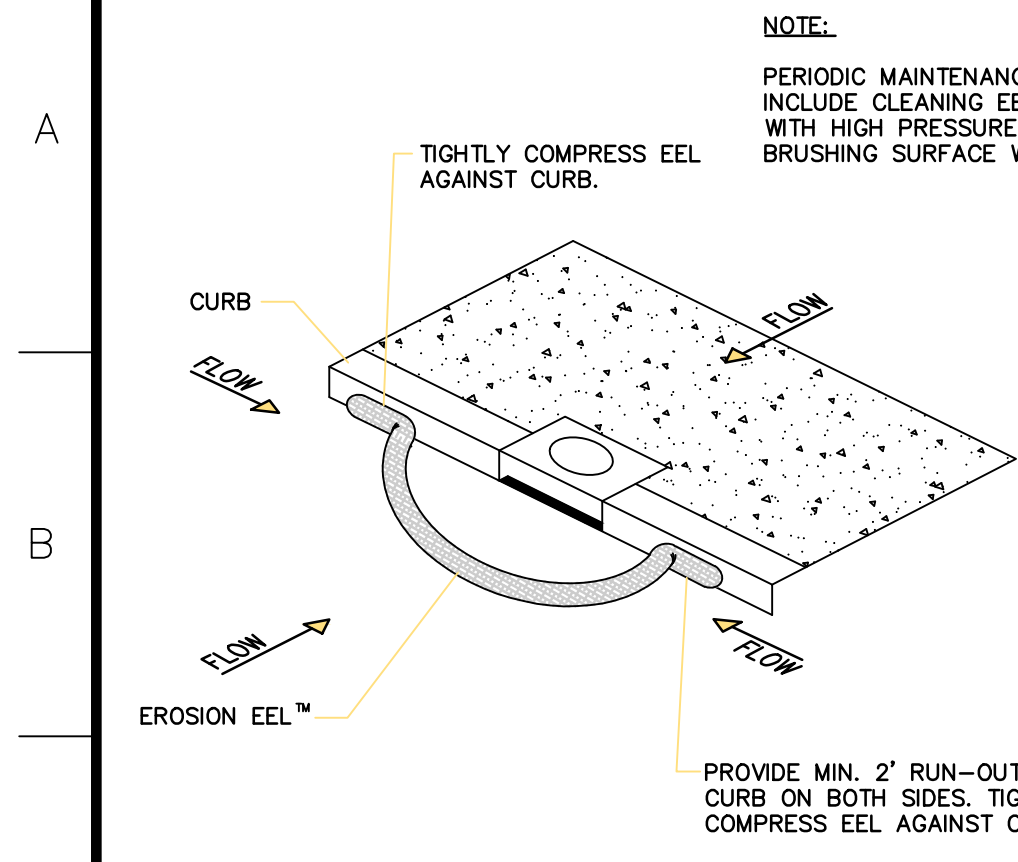


DWG NAME: F:\22-9120 - Professional Design Services for the SSM Medical Building in O'Fallon, MO\AutoCad Drawings\9120 - Plan Sheets\05 - EROSION & SEDIMENT CONTROL DETAILS.dwg LAYOUT TAB: ES3 PLOTTED ON: Oct 20, 2022 - 8:36am PLOTTED BY: tschow



SPACING RECOMMENDATIONS FOR THE EROSION EEL™ FOR PERIMETER CONTROLS AND INTERCEPTING SHEET FLOW ON SLOPES

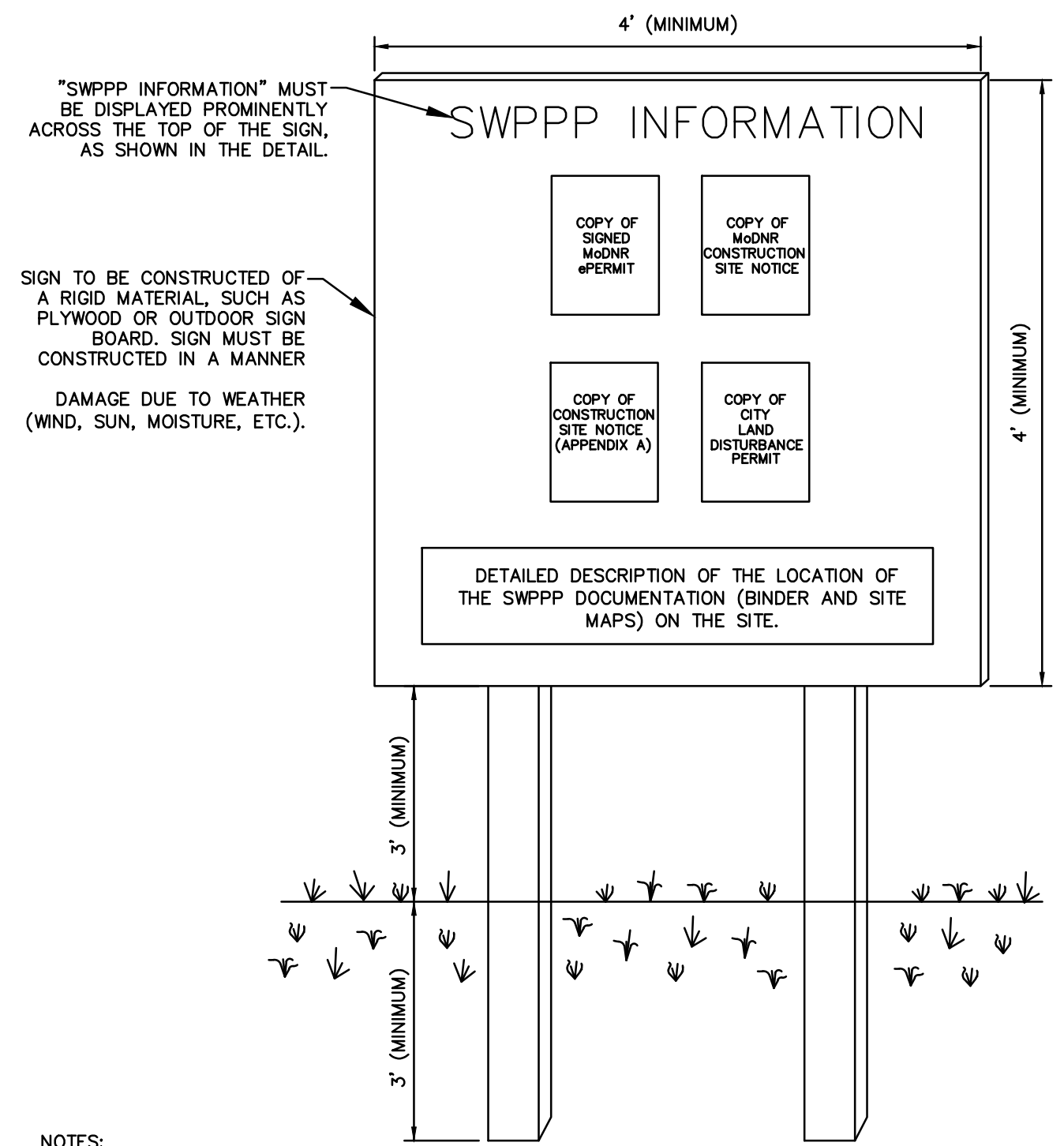
SLOPE(%)	SINGLE EEL SPACING(ft)	* STACKED DUAL EEL SPACING(ft)
0.5	300	N/A
1	200	N/A
2	160	N/A
3	80	N/A
4	50	N/A
5	40	N/A
6	35	N/A
8	30	N/A
10	25	N/A
15	+17	N/A
20	+12	+25
25	N/A	+15
33	N/A	+10
50	N/A	+6

**CONTACT INFORMATION**

FRIENDLY ENVIRONMENT  
100 PRINCE STREET  
SHELBYVILLE, TN 37160  
1-866-H2O-EELS  
INFO@FRIENDLYENVIRONMENTUS.COM  
http://FRIENDLYENVIRONMENTUS.COM/INDEX.HTML

**EROSION EEL**  
NO SCALE

\* DUAL STACK REFERS TO TWO EELS STACKED ATOP ONE ANOTHER AND STABILIZED WITH T-POSTS.  
+ PLACE STAKES BEHIND EELS @ 24" C/C SPACING.



- NOTES:
- THE SWPPP INFORMATION SIGN MUST BE LOCATED IN A PROMINENT, PUBLICLY ACCESSIBLE LOCATION NEAR THE MAIN ENTRANCE OF THE SITE, SUCH THAT THE DOCUMENTATION CAN BE READ WITHOUT ACCESSING THE JOBSITE, BUT NOT OBSTRUCTING VIEWS AS TO CAUSE A TRAFFIC SAFETY HAZARD.
  - ALL POSTED DOCUMENTS MUST BE MAINTAINED IN A CLEARLY READABLE CONDITION AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE-OF-TERMINATION (NOT) IS FILED FOR THE PERMIT.
  - ALL PAGES OF NOTICES OF INTENT AND PERMIT AUTHORIZATIONS MUST BE POSTED. THE CONTRACTOR MAY UTILIZE ACCESSIBLE WATERPROOF FOLDERS TO STORE THESE DOCUMENTS IF IT WILL BE DIFFICULT TO POST ALL PAGES INDIVIDUALLY.
  - CONTRACTOR SHALL POST OTHER STORMWATER AND/OR EROSION AND SEDIMENT CONTROL RELATED PERMITS ON THE SIGN AS REQUIRED BY THE GOVERNING AGENCIES.
  - SUBSEQUENT PERMIT MODIFICATION REQUESTS OR RENEWAL APPLICATIONS AND THEIR ASSOCIATED AUTHORIZATIONS OR RESPONSES SHALL BE POSTED ON THE SWPPP SIGN.
  - SIGN SHALL BE LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY AND EASEMENTS UNLESS APPROVED BY THE GOVERNING AGENCY.
  - CONTRACTOR IS RESPONSIBLE FOR ENSURING STABILITY OF THE SWPPP INFORMATION SIGN.

SS SWPPP INFORMATION SIGN  
N.T.S.

636-594-0540 (tel.)  
636-594-0512 (fax)  
mailto:ochran@ochraneng.com

**COCHRAN**

330A E. Independence Dr.  
Union, Missouri 63084

• Civil Engineering  
• Land Surveying  
• Architecture  
• Site Development  
• General Consulting  
• Master Planning

Missouri State Certificate of Authority Numbers:  
Survey : 000380  
Engineering : 001655  
Architecture : 2002014240

Three working days prior to the start of any excavation call 1-800-468-8818 for utility location information.

All OSHA rules & regulations and construction required by these plans shall be strictly followed (ie. trenching, blasting, etc.)

STATE OF MISSOURI

TIMOTHY SCHOWE

Professional Engineer

NUMBER P-2018000268

10-21-22

SITE IMPROVEMENTS  
SSM HEALTH  
O'FALLON, MISSOURI

**EROSION & SEDIMENT CONTROL DETAILS**

DATE:	DESIGNED:	CHKD. BY:	APPRD. BY:
		JMM	ERR
DATE:			
OCT. 21, 2022			
SCALE:			
NO SCALE			
PROJ. NO.:			
22-9120			
DWG. NO.:			
ES3			