

TEMPORARY STORAGE AREA FOR EXCESS MATERIAL

TEMP. CONSTRUCTION ENTRANCE AND STAGING AREA

CONCRETE WASHOUT AREA

SILT FOAM DIKE - STAKED & INSTALL PER MFR'S RECOMMENDATIONS

ROCK DITCH CHECK

AREA INLET SEDIMENT TRAP

SILT SOCK / ROCK SOCK / SOCK WATTLE

1

BMP PLAN REF. NO.

SF1

SILT FENCE (PRIOR TO LAND DISTURBANCE)

SF2

SILT FENCE (DURING CONSTRUCTION)

X

CONSTRUCTION FENCE

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LIMITS OF DISTURBANCE

965

EXISTING CONTOURS

965

PROPOSED CONTOURS

EXISTING TREE LINE

GRAVEL FILTER FOR STORM SEWER STRUCTURES ONLY

EROSION AND SEDIMENT CONTROL STAGING CHART				
PROJECT STAGE	BMP PLAN REF. NO	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
A - PRIOR TO LAND DISTURBANCE	1	CONSTRUCTION ENTRANCE & STAGING AREA	D	EXISTING SITE ACCESS TO BE UTILIZED FOR ENTRANCE. PLACE WHERE INDICATED ON THE PLAN. MAINTAIN, REPAIR, OR REPLACE AS NECESSARY. REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
	2	SILT FENCE (PRIOR TO LAND DISTURBANCE)	E	PLACE WHERE INDICATED, REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
	3	EXISTING INLET PROTECTION (GRAVEL CURB INLET SEDIMENT TRAP)	E	PLACE WHERE INDICATED, REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
	4	CONCRETE WASHOUT AREA	D	ESTABLISH PRIOR TO ANY CONCRETE WORK
	5	ROCK DITCH CHECK	E	PLACE WHERE INDICATED IN EXISTING DRAINAGE DITCH
B - MASS GRADING	6	SILT FENCE (DURING CONSTRUCTION)	E	PLACE WHERE INDICATED, REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
	7	FOAM SILT DIKE OR ROCK DITCH CHECK	E	PLACE WHERE INDICATED AS SOON AS SWALE IS ESTABLISHED, REPAIR OR REPLACE AS NECESSARY
C - STORM SEWER/ SANITARY SEWER/ WATER MAIN/UTILITY CONSTRUCTION	8	CURB AND YARD AREA INLET PROTECTION (SILT FENCE)	E	EXCAVATE A SEDIMENT TRAP AND PLACE SILT FENCE WITH WIRE BACKING AND GRAVEL AROUND ALL STORM SEWER STRUCTURES / YARD AREA STORM STRUCTURES SILT FENCE TO BE REMOVED ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
D - AFTER PAVING OPERATIONS	9	CURB INLET PROTECTION (GRAVEL FILTER BAGS)	E	BOARDS SHALL BE PLACED IN FRONT OF INLET OPENING FROM THE TIME SILT FENCE IS REMOVED UNTIL SUCH TIME THAT THE CURB / THROAT IS POURED. PLACE GRAVEL FILTER BAGS AT THE OPENING OF ALL CURB INLETS IMMEDIATELY AFTER THE INLET THROATS ARE POURED
	10	YARD AREA INLET PROTECTION		MAINTAIN A SEDIMENT TRAP AND SILT FENCE WITH WIRE BACKING AND GRAVEL AROUND ALL STORM SEWER YARD AREA INLET STORM STRUCTURES ONCE ALL WORK IS COMPLETE AND SEDIMENT TRAP IS REMOVED, SEED/SOD THE AREA AND PLACE GRAVEL FILTER BAGS IN FRONT OF INLET OPENING
	11	SILT FENCE (AFTER CURB CONSTRUCTION)	E	PLACE WHERE INDICATED, REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT GROUND COVER ESTABLISHED
	12	SEEDING AND MULCHING	E	ALL DISTURBED AREAS AFTER 14 DAYS OF CONSTRUCTION INACTIVITY
E - UNTIL CLOSURE OF LAND DISTURBANCE PERMIT				ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED ANY TIME CURRENT MEASURES ARE FOUND TO BE INEFFECTIVE.

SITE SPECIFIC NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION. THE CONTRACTOR SHALL PROTECT ALL EXISTING TREES ON THE SITE.
- THE DRAINAGE FEATURE THROUGH THE MIDDLE OF THE SITE IS A PROTECTED AREA. NO CONSTRUCTION EQUIPMENT OR ACTIVITY IS ALLOWED IN THESE AREAS UNLESS A SPECIFIC PERMIT/PERMISSION FROM THE GOVERNING AUTHORITY HAS BEEN OBTAINED. A SWPPP HAS BEEN PREPARED FOR THIS PROJECT AND IS INCORPORATED INTO THIS EROSION CONTROL PLAN BY REFERENCE. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE SWPPP IMPLEMENTATION AND REPORTING REQUIREMENTS.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED ACCORDING TO THE BMP STAGING CHART.
- ADDITIONAL EROSION CONTROL MAY BE REQUIRED BY THE CITY ENGINEER AT ANY TIME EXISTING MEASURES ARE FOUND TO BE INEFFECTIVE OR PROBLEMATIC AREAS ARE NOTED IN THE FIELD.
- SOIL STABILIZATION OF DISTURBED AREAS SHALL BE COMPLETED AFTER PERIODS OF INACTIVITY IN CONSTRUCTION OF GREATER THAN 7 DAYS. INITIAL STABILIZATION MUST BE COMPLETED WITHIN 21 DAYS.
- ALL SILT FENCE AND EROSION CONTROL MEASURES THAT ARE PLACED PRIOR TO LAND DISTURBANCE WILL BE MAINTAINED BY THE GENERAL CONTRACTOR AND ALL CONTRACTORS ON SITE.
- AREAS WITHIN THE PUBLIC RIGHT OF WAY SHALL BE ESTABLISHED IMMEDIATELY AFTER THE CONSTRUCTION IN THAT AREA IS COMPLETE.
- ALL PUBLIC STREETS SHALL BE KEPT CLEAN PER THE SWPPP AND CITY REQUIREMENTS.

DISTURBED AREA = 9.89 AC.

GENERAL NOTES:

- Survey data and legal description from Owner provided ALTA survey dated March 19, 2015 and prepared by Aylett Survey & Engineering Company. Used with permission from the Owner.
- Topographic data is City GIS data.

SCHLAGEL & ASSOCIATES, P.A.

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Missouri State Certificates of Authority

#E2002003600-F #LAC201002237 #LS200200859-F

PREPARED BY:

MARK ALLEN BREUER

NUMBER

PE-2009007268

PROFESSIONAL ENGINEER

Mark Allen Breuer, P.E.

MO# PE-2009007268

COLEMAN EQUIPMENT

FINAL DEVELOPMENT PLANS

4101 NE LAKEWOOD WAY

LEE'S SUMMIT, MISSOURI

REVISION DATE	DESCRIPTION
10-18-17	CITY COMMENTS

DRAWN BY: SCH

CHECKED BY: SCH

DATE PREPARED: 9/22/2017

PROJ. NUMBER: 17-019

EROSION CONTROL

SHEET

C3.0

OF