LEGEN	D:				
A/E -	ACCESS EASEMENT		S.E. Ba	ailey Road	
BC -	BACK OF CURB			NE1/4	
B/B -	BACK TO BACK		PROJECT		Bailey
BM -	BENCHMARK		LOCATION	1 m	Farms
BL or B.L	BUILDING LINE	q	NW1/4	LUOR	po
CO -	CLEANOUT	Hamblen Raod		MANOR	Ranson Raod
TJB -	TELEPHONE JUNCTION BOX	с К			
C&G -	CURB AND GUTTER	<u>e</u>	(1	6)	
D/E -	DRAINAGE EASEMENT	am b			Sai
E/E -	ELECTRICAL EASEMENT	La			
EL -	ELEVATION	— ш	C) N/4 / A	SE1/4	S Ш
FL -	FLOW LINE	S.I	SW1/4	351/4	
G/E -	GAS LINE EASEMENT				
HDPE -	HIGH-DENSITY POLYETHYLENE				
L/E -			SECTIO	N 16-47-31	
MSFE -	MINIMUM SERVICEABLE FLOOR ELEVATION			_	
PVC -	POLYVINYL CHLORIDE		\ N /	ION MAP	
P/L -	PROPERTY LINE			1" = 2000'	
PUB/E -	PUBLIC EASEMENT			BEARINGS:	
RCP -	REINFORCED CONCRETE PIPE			COORDINATE	
ROW or R/W -	RIGHT-OF-WAY			EM 1983, ZONE	<u> </u>
S/E -	SANITARY SEWER EASEMENT		WEOI	ZONE	G
SL -	SERVICE LINE				1.
S/W -	SIDEWALK				
TE -	TOP ELEVATION				2.
U/E -	UTILITY EASEMENT				2
WSE -	WATER SURFACE ELEVATION				3.
W/E -	WATERLINE EASEMENT	U.	TILITY CONTA	ACTS:	4.
	ASPHALT PAVEMENT - EXISTING				5.
ι.Δ.·	ASPHALT PAVEMENT - PROPOSED	TF	ISSOURI DEPA RANSPORTATI		6.
аланан алан алан алан алан алан алан ал	CONCRETE PAVEMENT - EXISTING	60	eve Holloway 0 NE Colbern Road e's Summit, MO 6408	16	
- 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19	ASPHALT PAVEMENT - EXISTING		16) 607-2186		
	CONCRETE SIDEWALK - EXISTING		ISSOURI GAS E	ENERGY (MG	Ξ)
	CONCRETE SIDEWALK - PROPOSED	30	ent Jones 25 SE Clover Drive		7.
	CURB & GUTTER	(81	e's Summit, MO 6408 16) 399-9633		
	CURB & GUTTER - EXISTING		ent.jones@spireenerg		8.
			ANSAS CITY PO		T 9.
	EXISTING LOT AND R/W LINES		OMPANY (KCP) n Dejarnette	&L)	10
	EXISTING PLAT LINES PROPERTY LINES		00 SE Hamblin Road		
	RIGHT-OF-WAY		e's Summit, MO 6408	1	11
	SANITARY SEWER MAIN		fice: (816) 347-4316		12
	SANITARY SEWER MAIN - EXIST.		ll: (816) 810-5234 1.dejarnette@kcpl.con	n	12
	STORM SEWER	101		•	13
	STORM SEWER - EXISTING	C	TY OF LEES S		C WORKS
CATV _x	CABLE TV - EXISTING		na Mezger		14
—— FOC _X ——	FIBER OPTIC CABLE - EXISTING		0 SE Green Street e's Summit, MO 6406	3	
A	TELEPHONE LINE - EXIST.		16) 969-1800		15
71	ELECTRIC LINE - EXISTING				16
7	OVERHEAD POWER LINE - EXIST.		T&T		
	UNDERGROUND ELECTRIC - EX.		ark Manion or Marty Lo 0 E. 8th Street, Room	•	
24	GAS LINE - EXISTING		nsas City, MO 64106		
	WATERLINE - EXISTING	(81	16) 275-2341 or (816)	275-1550	
*	LIGHT - EXISTING EXISTING MANHOLE	C		–	
0	CLEANOUT		OMCAST CABL		
$\tilde{\odot}$	EXISTING SANITARY MANHOLE		00 Little Blue Parkway	/	
$\widetilde{\bullet}$	PROPOSED SANITARY MANHOLE	Inc	lependence, MO 640		
AI	EXISTING AREA INLET	(81	16) 795-2257		
СІ	EXISTING CURB INLET	C	ITY OF LEE'S S	UMMIT WATE	R UTILITIES
GI	EXISTING GRATE INLET		ark Schaufler		
JB	EXISTING JUNCTION BOX	12	00 SE Hamblen Road		9
D	EXISTING STORM MANHOLE		e's Summit, MO 6408	1	<u> </u>
		(୪)	16) 969-1900		1

GENERAL NOTES:

- ADOPTED BY ORDINANCE 5813.
- ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE ENGINEERING DEPARTMENT OF THE CITY OF LEE'S SUMMIT, MISSOURI. LINEAL FOOT MEASUREMENTS SHOWN ON THE PLANS ARE HORIZONTAL MEASUREMENTS. NOT SLOPE MEASUREMENTS. ALL PAYMENTS SHALL BE MADE ON HORIZONTAL MEASUREMENTS.
- NO GEOLOGICAL INVESTIGATION HAS BEEN PERFORMED ON THE SITE. THE UTILITY LOCATIONS SHOWN ON THESE PLANS ARE TAKEN FROM UTILITY COMPANY RECORDS AND
- APPARENT FIELD LOCATIONS. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL ADHERE TO THE PROVISIONS OF THE SENATE BILL NUMBER 583, 78TH GENERAL
- ASSEMBLY OF THE STATE OF MISSOURI. THE BILL REQUIRES THAT ANY PERSON OR FIRM DOING EXCAVATION ON PUBLIC RIGHT OF WAY DO SO ONLY AFTER GIVING NOTICE TO, AND OBTAINING INFORMATION FROM, UTILITY COMPANIES. STATE LAW REQUIRES 48 HOURS ADVANCE NOTICE. THE CONTRACTOR MAY ALSO UTILIZE THE FOLLOWING TOLL FREE PHONE NUMBER PROVIDED BY "MISSOURI ONE CALL SYSTEM, INC.": 1-800-DIG-RITE. THIS PHONE NUMBER IS APPLICABLE ANYWHERE WITHIN THE STATE OF MISSOURI. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE COMPANIES
- WHICH HAVE FACILITIES IN THE NEAR VICINITY OF THE CONSTRUCTION TO BE PERFORMED PRIOR TO ORDERING PRECAST STRUCTURES, SHOP DRAWING SHALL BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL. AFTER APPROVAL OF THE SHOP DRAWINGS, A COPY OF THE APPROVED AND
- SIGNED SHOP DRAWINGS SHALL BE PROVIDED TO THE CITY INSPECTOR UPON REQUEST. THE CONTRACTOR SHALL PROTECT ALL MAJOR TREES FROM DAMAGE. NO TREE SHALL BE REMOVED WITHOUT PERMISSION OF THE OWNER, UNLESS SHOWN OTHERWISE
- CLEARING AND GRUBBING OPERATIONS AND DISPOSAL OF ALL DEBRIS THEREFROM SHALL BE PERFORMED BY THE CONTRACTOR IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES. 10. ALL WASTE MATERIAL RESULTING FROM THE PROJECT SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, OR AS DIRECTED BY THE OWNER. 11. ALL EXCAVATIONS SHALL BE UNCLASSIFIED. NO SEPARATE PAYMENT WILL BE MADE FOR ROCK
- EXCAVATION. 12. THE CONTRACTOR SHALL CONTROL THE EROSION AND SILTATION DURING ALL PHASED OF CONSTRUCTION, AND SHALL KEEP THE STREETS CLEAN OF MUD AND DEBRIS.
- 13. ALL MANHOLES, CATCH BASINS, UTILITY VALVES AND METER PITS TO BE ADJUSTED OR REBUILT TO GRADE AS REQUIRED THE CONTRACTOR SHALL CONTACT DEVELOPMENT SERVICES INSPECTIONS AT: 816-969-1200 TO OBTAIN A DEVELOPMENT SERVICES CONSTRUCTION PERMIT. A MINIMUM 48 HOUR NOTICE SHALL BE GIVEN PRIOR TO
- PERMIT ISSUANCE. DISTURBANCE ACTIVITIES WITHIN THE RIGHT OF WAY. THESE ACTIVITIES MAY REQUIRE A PERMIT.
- 15. THE CONTRACTOR SHALL CONTACT THE RIGHT OF WAY INSPECTOR AT 816-969-1800 PRIOR TO ANY LAND 16. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL TRAFFIC HANDLING MEASURES NECESSARY TO ENSURE THAT THE GENERAL PUBLIC IS PROTECTED AT ALL TIMES. TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD-LATEST EDITION).

STREET NOTES:

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8.

- DEVELOPMENT ENGINEERING. CURB RETURN RADII SHALL BE 25' AT BACK OF CURB UNLESS OTHERWISE NOTED.
- SUBGRADE TO BE COMPACTED TO 95% STANDARD PROCTOR DENSITY. ASSUMED DESIGN SPEED = 25 MPH (COLLECTOR).
- MINIMUM STOPPING SIGHT DISTANCE = 155 FEET. MINIMUM K, SAG CURVE = 26 (14 WITH LIGHTING), CREST CURVE = 12.
- GRADE INTERSECTIONS TO DRAIN AS SHOWN.
- SSD = STOPPING SIGHT DISTANCE. 9. 10. ALL ADA SIDEWALK RAMPS SHALL BE CONSTRUCTED BY THE DEVELOPER WITH THE PUBLIC INFRASTRUCTURE.

EROSION AND SEDIMENT CONTROL PLAN FOR **CORNERSTONE AT BAILEY FARMS, FIRST PLAT**

IN THE CITY OF LEE'S SUMMIT JACKSON COUNTY, MISSOURI

ALL CONSTRUCTION TO FOLLOW THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL AS

ALL STREET CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL. ALL APPLICABLE AASHTO STANDARDS HAVE BEEN MET. ALL INSPECTION OF STREET CONSTRUCTION TO BE PERFORMED BY THE CITY OF LEE'S SUMMIT

EARTHWORK

- It is recommended that a Geotechnical Engineer observe and document all earthwork activities. Contours have been shown at 1-foot or 2-foot intervals, as indicated. Grading shall consist of completing the earthwork required to bring the physical ground elevations of the existing site to the finished grade (or sub-grade) elevations provided
- on the plans as spot grades, contours or others means as indicated on the plans. The existing site topography depicted on the plans by contouring has been established by aerial photography and field verified by g.p.s. observation near 2-20-19. The contour elevations provided may not be exact ground elevations, but rather interpretations of such. Accuracy shall be considered to be such that not more than 10 percent of spot elevation checks shall be in error by more than one-half the contour interval provided, as defined by the National Map Accuracy Standards. Any quantities provided for earthwork volumes are established using this topography contour accuracy, and therefore the
- inherent accuracy of any earthwork quantity is assumed from the topography accuracy. Proposed contours are to approximate finished grade.
- Unless otherwise noted, payment for earthwork shall include backfilling of the curb and gutter, sidewalk and further manipulation of utility trench spoils. The site shall be left in a mowable condition and positive drainage maintained throughout.
- Unless otherwise noted, all earthwork is considered Unclassified. No additional compensation will be provided for rock or 6. shale excavation, unless specifically stated otherwise.
- 7 Prior to earthwork activities, pre-disturbance erosion and sediment control devices shall be in place per the Storm Water Pollution Prevention plan and/or the Erosion and Sediment Control Plan prepared for this site.
- All topsoil shall be stripped from all areas to be graded and stockpiled adjacent to the site at an area specified by the 8. project owner or his appointed representative. Vegetation, trash, trees, brush, tree roots and limbs, rock fragments greater then 6-inches and other deleterious materials shall be removed and properly disposed of offsite or as directed by the owner or his appointed representative.
- Unless otherwise specified in the Geotechnical Report, all fills shall be placed in maximum 6-inch lifts and compacted to 95-percent of maximum density as defined using a standard proctor test (AASHTO T99/ASTM 698).
- 10. Fill materials shall be per Geotechnical Report and shall not include organic matter, debris or topsoil. All fills placed on slopes greater than 6:1 shall be benched
- 11. The Contractor shall be responsible for redistributing the topsoil over proposed turf and landscaped areas to a minimum depth of 6-inches below final grade.
- 12. All areas shall be graded for positive drainage. Unless noted otherwise the following grades shall apply: a. Turf Areas – 2.5% Minimum, 4H:1V Maximum
- b. Paved Areas 1.2% Minimum, 5% Maximum 13. All disturbed areas shall be fertilized, seeded and mulched immediately after earthwork activities have ceased. Seeding shall be per the Erosion and Sediment Control Plan and/or Landscape Plan. If not specified seeding shall be per APWA Section 2400, latest edition. Unless otherwise noted, seeding shall be subsidiary to the contract price for earthwork and grading activities.
- 14. All disturbed areas in the right-of-way shall be sodded.
- Underdrains are recommended for all paved areas adjacent to irrigated turf and landscaped beds. 15. Contractor shall adhere to the reporting requirements outlined in the Storm Water Pollution Prevention Plan (SWPPP) 16. prepared for this project. Erosion and Sediment control devices shall be properly maintained and kept clean of silt and debris and in good working order. Additional erosion and sediment control measures shall be installed as required.

UTILITIES:

- 1. Existing utilities have been shown to the greatest extent possible based upon information provided to the Engineer. The contractor is responsible for contacting the respective utility companies and field locating utilities prior to construction and identifying any potential conflicts. All conflicts shall immediately be brought to the attention of the Engineer. 2. The contractor shall be responsible for coordinating any required utility relocations. Utilities damaged through the negligence of the contractor shall be repaired at the contractor's expense.
- Contractor shall verify flow-lines and structure tops prior to construction, and shall notify Engineer of any discrepancies. Provide shop drawings for all precast and manufactured utility structures for review by the Engineer prior to construction of
- the structures. 4. Utility Separation: Waterlines shall have a minimum of 10 feet horizontal and 2 feet vertical separation from all sanitary sewer lines, manholes, and sanitary sewer service laterals, as measured from edge to edge. If minimum separations can not be obtained, concrete encasement of the sanitary line shall be required 10 feet in each direction of the conflict.
- Payment for trenching, backfilling, pipe embedment, flowable fill, backfill materials, clean up, seeding, sodding and any 5. other items necessary for the construction of the utility line shall be included in the contract price for the utility installation.
- The Contractor shall be responsible for contacting respective utility companies 48-hours in advance for the inspection of 6. any proposed utility main extension or service line or service connection to any existing main.
- 7. Trench spoils shall be neatly placed onsite adjacent to the trench, and compacted to prevent saturation and excess sediment runoff. Unsuitable materials, excess rock and shale, asphalt, concrete, trees, brush etc. shall be properly disposed of offsite. Materials may be wasted onsite at the direction of the Owner or his appointed representative.
- 8. All excavation is considered unclassified, unless noted otherwise. Unclassified excavation for utility trenching is subsidiary to the unit price provided for the pipe. Any quantity provided for rock excavation is estimated based on the best information provided to the Project Engineer. The Engineer has the authority to identify and define the physical characteristics to determine the classification. Unit price quantities for rock excavation will be paid at a trench width of the nominal pipe diameter of the installed main plus 18 inches. Contractor is required to dispose of excess rock from their trenches by disposing it in areas as specified by the Project Engineer.

NOTE:

SEDIMENT BASIN SHALL BE CONSTRUCTED AT THE START OF THE PROJECT.

Sheet List Table				
Sheet Number Sheet Title				
1 COVER SHEET				
2 PRE CONSTRUCTION EROSION CONTROL				
3 EROSION CONTROL PLAN				
4 POST CONSTRUCTION EROSION CONTRO				
5 SEDIMENT BASIN				
6 EROSION CONTROL DETAILS				
7 EROSION CONTROL DETAILS				

APPROVED BY:

CITY ENGINEER APPROVED FOR ONE YEAR FROM THIS DATE

DATE

OWNER/DEVELOPER:

CLAYTON PROPERTIES GROUP INC., DBA SUMMIT HOMES BRADLEY KEMPF 120 SE 30TH ST LEE'S SUMMIT, MO 64082 p (816) 246-6700 BRADLEY@SUMMITHOMESKC.COM

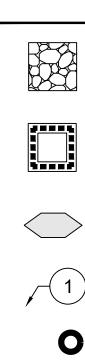


MISSOURI GEOGRAPHIC REFERENCE SYSTEM **BENCHMARK**:

BM JA-45. IS A KC METRO ALUMINUM GRS DISK SET IN CONCRETE AND ABOUT 3 INCHES BELOW THE PAVEMENT ON THE SHOULDER OF SE RANSON ROAD. IT IS STAMPED JA45, 1987.

DRAWN BY: REVISION DATE DESCRIPTION NCA <u>A</u> 02/03/2022 PER CITY COMMENTS DATED 01/10/2022	CORNERSTONE AT BAILEY FARMS, FIRST PLAT	PROL	
CHECKED BY: 3	EROSION AND SEDIMENT CONTROL PLAN	,) 1	
		NUMBE 2014010 NAL	ENGINEERS PLANNERS SURVEYORS LANDSCAPE ARCHITECTS
DATE PREPARED		R)495	(913) 492-5158 • Fax: (913) 492-8400
	DE BAILET RU & DE RANDON RU) 30 20	X WWW.SCHLAGELASSOCIATES.COM
PROJ. NUMBER: 🔏		22	Missouri State Certificates of Authority
21-136 🖉	, ועו	Ă.	

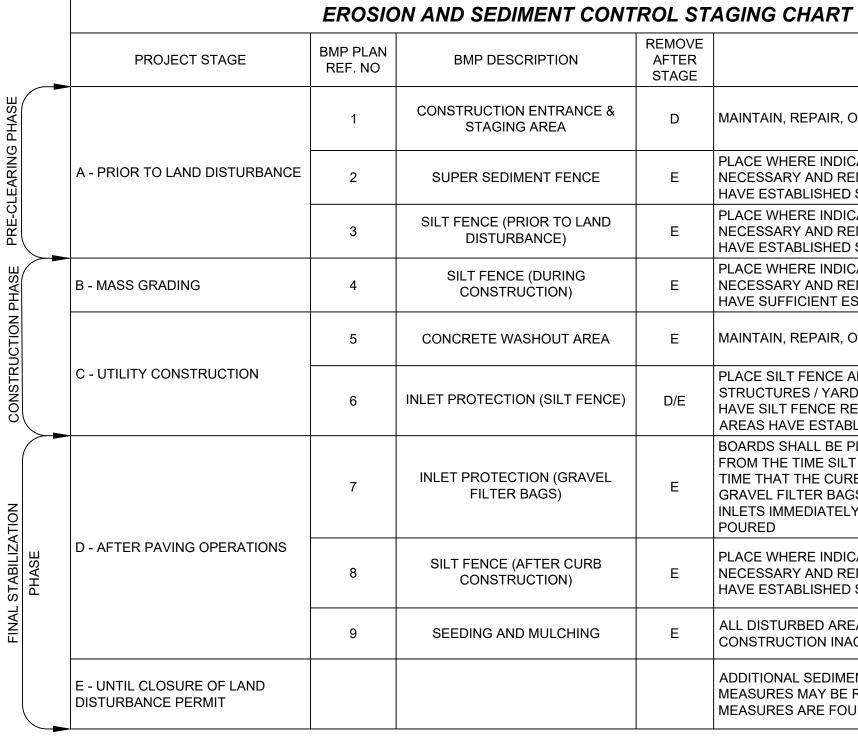




DISTURBED AREA = 13.80 AC.

SITE SPECIFIC NOTES:

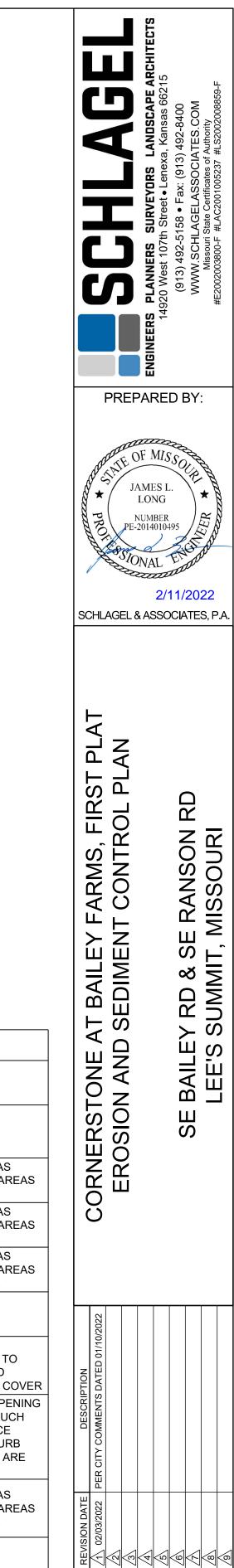
- 1. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION.
- THERE ARE NO WETLANDS, NATURAL OR ARTIFICIAL 2. WATER STORAGE DETENTION AREAS IN THE PROJECT AREA.
- NO PART OF THE PROJECT LIES WITHIN THE 100 YEAR 3. FLOOD PLAIN PER FEMA FLOOD INSURANCE RATE MAP NUMBER 29095C0438G & 29095C0439G DATED JANUARY 20TH, 2017.
- 4. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED ACCORDING TO THE BMP STAGING CHART.
- ADDITIONAL EROSION CONTROL MAY BE REQUIRED BY THE 5. CITY ENGINEER AT ANY TIME EXISTING MEASURES ARE FOUND TO BE INEFFECTIVE OR PROBLEMATIC AREAS ARE NOTED IN THE FIELD.
- STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, 6. BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING, GRADING, EXCAVATING, OR OTHER SOIL DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION

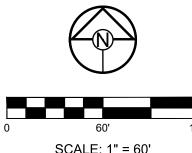


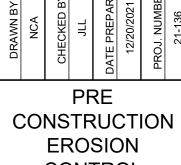
	L	EGEND	
	TEMP. CONSTRUCTION ENTRANCE AND STAGING AREA	SF	SUPER SEDIMENT SILT FENCE (PRIOR TO LAND DISTURBANCE)
1		SF1	SILT FENCE (PRIOR TO LAND DISTURBANCE)
	CONCRETE WASHOUT AREA	SF2	SILT FENCE (DURING CONSTRUCTION)
>	SILT FOAM DIKE - STAKED & INSTALL PER MFR'S RECOMMENDATIONS		LIMITS OF DISTURBANCE
	RECOMMENDATIONS	965	EXISTING CONTOURS
$\Big)$	BMP PLAN REF. NO.	<u>965</u>	PROPOSED CONTOURS
	SILT FENCE FOR INLET PROTECTION PRIOR TO STRUCTURE TOP		GRAVEL FILTER FOR STORM SEWER STRUCTURES ONLY

- OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE DISTURBED AREAS SHALL BE PROTECTED FROM EROSION BY STABILIZING THE AREA WITH MULCH OR OTHER SIMILARLY EFFECTIVE SOIL STABILIZING BMPS. INITIAL STABILIZATION ACTIVITIES MUST BE COMPLETED WITHIN 14 DAYS AFTER SOIL DISTURBING ACTIVITIES CEASE.
- ALL PERIMETER SILT FENCE, EARTH DIKES, SEDIMENT BASINS, AND ROCK CONSTRUCTION ENTRANCES WILL BE INSTALLED BEFORE GRADING OPERATIONS BEGIN.
- SILT FENCE AND EARTH DIKES THAT ARE PLACED BEFORE GRADING BEGINS WILL BE MAINTAINED BY THE GRADING CONTRACTOR.
- AREAS WITHIN PUBLIC RIGHT-OF-WAY SHALL BE SODDED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETE.

BMP PLAN REF. NO	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
1	CONSTRUCTION ENTRANCE & STAGING AREA	D	MAINTAIN, REPAIR, OR REPLACE AS NECESSARY
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4	SILT FENCE (DURING CONSTRUCTION)	Е	PLACE WHERE INDICATED, REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT ESTABLISHED GROUND COVER
5	CONCRETE WASHOUT AREA	Е	MAINTAIN, REPAIR, OR REPLACE AS NECESSARY
6	INLET PROTECTION (SILT FENCE)	D/E	PLACE SILT FENCE AROUND ALL STORM SEWER STRUCTURES / YARD AREA STORM STRUCTURES TO HAVE SILT FENCE REMOVED ONLY WHEN GRADED AREAS HAVE ESTABLISHED SUFFICIENT GROUND COVE
7	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
8	SILT FENCE (AFTER CURB CONSTRUCTION)	E	PLACE WHERE INDICATED, REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE ESTABLISHED SUFFICIENT GROUND COVER
9	SEEDING AND MULCHING	E	ALL DISTURBED AREAS AFTER 14 DAYS OF CONSTRUCTION INACTIVITY
			ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED ANY TIME CURRENT MEASURES ARE FOUND TO BE INEFFECTIVE.



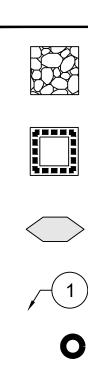




CONTROL SHEET



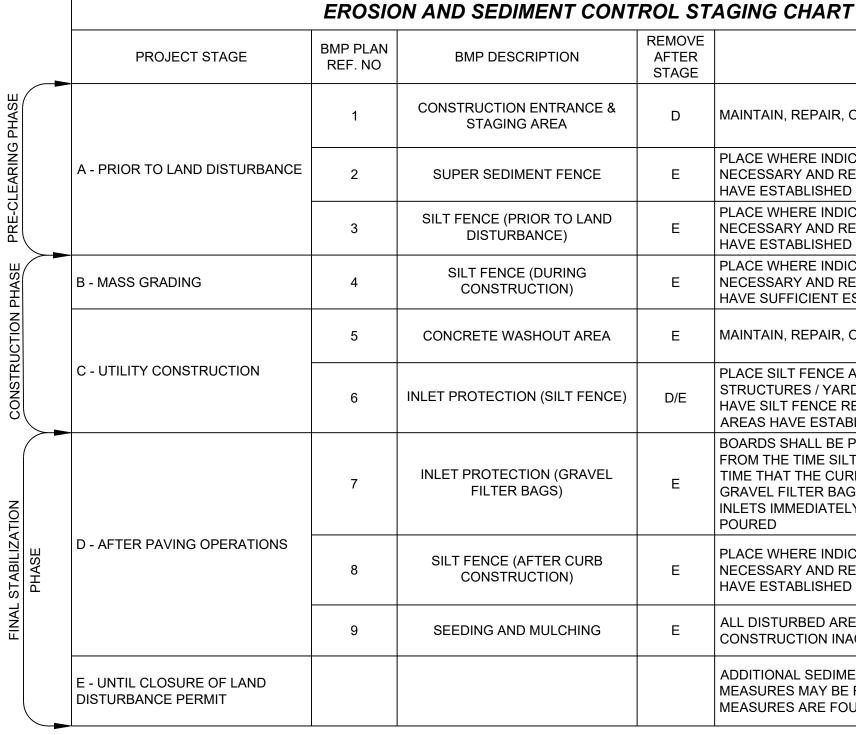




DISTURBED AREA = 13.80 AC

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- 4. SHALL BE IMPLEMENTED ACCORDING TO THE BMP STAGING CHART.
- 5. NOTED IN THE FIELD.
- 6. GRADING, EXCAVATING, OR OTHER SOIL DISTURBING OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION



	LEGEND						
	TEMP. CONSTRUCTION ENTRANCE AND STAGING AREA	SF	SUPER SEDIMENT SILT FENCE (PRIOR TO LAND DISTURBANCE)				
3		SF1	SILT FENCE (PRIOR TO LAND DISTURBANCE)				
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1. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION. WATER STORAGE DETENTION AREAS IN THE PROJECT

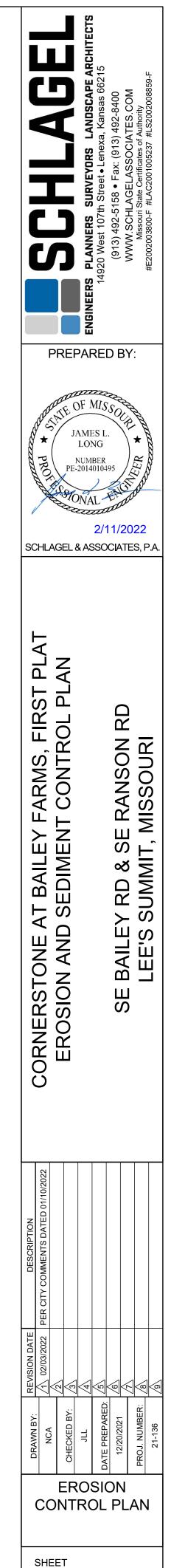
ALL EROSION AND SEDIMENTATION CONTROL MEASURES

ADDITIONAL EROSION CONTROL MAY BE REQUIRED BY THE CITY ENGINEER AT ANY TIME EXISTING MEASURES ARE FOUND TO BE INEFFECTIVE OR PROBLEMATIC AREAS ARE

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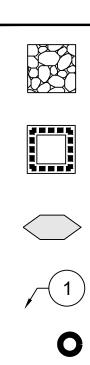
BMP PLAN REF. NO	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:			
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8	SILT FENCE (AFTER CURB CONSTRUCTION)	E	PLACE WHERE INDICATED, REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE ESTABLISHED SUFFICIENT GROUND COVER			
9	SEEDING AND MULCHING	E	ALL DISTURBED AREAS AFTER 14 DAYS OF CONSTRUCTION INACTIVITY			
			ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED ANY TIME CURRENT MEASURES ARE FOUND TO BE INEFFECTIVE.			



3

 $(L_{\mathbb{N}})$ SCALE: 1" = 60'

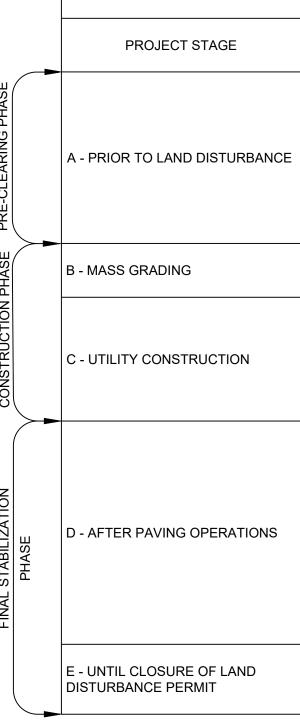




DISTURBED AREA = 13.80 AC.

SITE SPECIFIC NOTES:

- 1.
- THERE ARE NO WETLANDS, NATURAL OR ARTIFICIAL 2. AREA.
- 3. 20TH, 2017.
- STAGING CHART.
- 5. NOTED IN THE FIELD. 6.
- GRADING, EXCAVATING, OR OTHER SOIL DISTURBING



	L	EGEND	
	TEMP. CONSTRUCTION ENTRANCE AND STAGING AREA	SF	SUPER SEDIMENT SILT FENCE (PRIOR TO LAND DISTURBANCE)
3		SF1	SILT FENCE (PRIOR TO LAND DISTURBANCE)
	CONCRETE WASHOUT AREA	SF2	SILT FENCE (DURING CONSTRUCTION)
>	SILT FOAM DIKE - STAKED & INSTALL PER MFR'S RECOMMENDATIONS		LIMITS OF DISTURBANCE
	RECOMMENDATIONS	965	EXISTING CONTOURS
)	BMP PLAN REF. NO.	<u>965</u>	PROPOSED CONTOURS
	SILT FENCE FOR INLET PROTECTION PRIOR TO STRUCTURE TOP		GRAVEL FILTER FOR STORM SEWER STRUCTURES ONLY

THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION.

WATER STORAGE DETENTION AREAS IN THE PROJECT

NO PART OF THE PROJECT LIES WITHIN THE 100 YEAR FLOOD PLAIN PER FEMA FLOOD INSURANCE RATE MAP NUMBER 29095C0438G & 29095C0439G DATED JANUARY

4. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED ACCORDING TO THE BMP

ADDITIONAL EROSION CONTROL MAY BE REQUIRED BY THE CITY ENGINEER AT ANY TIME EXISTING MEASURES ARE FOUND TO BE INEFFECTIVE OR PROBLEMATIC AREAS ARE

STABILIZATION OF DISTURBED AREAS MUST, AT A MINIMUM, BE INITIATED IMMEDIATELY WHENEVER ANY CLEARING,

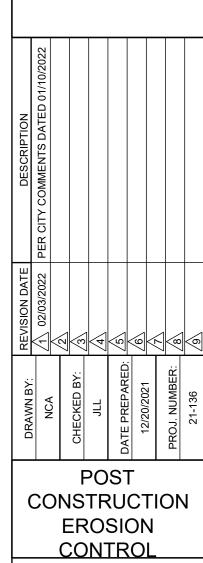
ACTIVITIES HAVE PERMANENTLY CEASED ON ANY PORTION OF THE SITE, OR TEMPORARILY CEASED ON ANY PORTION

OF THE SITE AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE DISTURBED AREAS SHALL BE PROTECTED FROM EROSION BY STABILIZING THE AREA WITH MULCH OR OTHER SIMILARLY EFFECTIVE SOIL STABILIZING BMPS. INITIAL STABILIZATION ACTIVITIES MUST BE COMPLETED WITHIN 14 DAYS AFTER SOIL DISTURBING ACTIVITIES CEASE.

- ALL PERIMETER SILT FENCE, EARTH DIKES, SEDIMENT BASINS, AND ROCK CONSTRUCTION ENTRANCES WILL BE INSTALLED BEFORE GRADING OPERATIONS BEGIN.
- SILT FENCE AND EARTH DIKES THAT ARE PLACED BEFORE 8. GRADING BEGINS WILL BE MAINTAINED BY THE GRADING CONTRACTOR.
- AREAS WITHIN PUBLIC RIGHT-OF-WAY SHALL BE SODDED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETE.

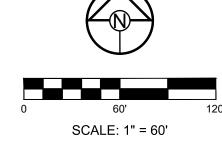
EROSION AND SEDIMENT CONTROL STAGING CHART					
BMP PLAN REF. NO	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:		
1	CONSTRUCTION ENTRANCE & STAGING AREA	D	MAINTAIN, REPAIR, OR REPLACE AS NECESSARY		
2	SUPER SEDIMENT FENCE	E	PLACE WHERE INDICATED, REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE ESTABLISHED SUFFICIENT GROUND COVER		
3	SILT FENCE (PRIOR TO LAND DISTURBANCE)	E	PLACE WHERE INDICATED, REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE ESTABLISHED SUFFICIENT GROUND COVER		
4	SILT FENCE (DURING CONSTRUCTION)	E	PLACE WHERE INDICATED, REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE SUFFICIENT ESTABLISHED GROUND COVER		
5	CONCRETE WASHOUT AREA	E	MAINTAIN, REPAIR, OR REPLACE AS NECESSARY		
6	INLET PROTECTION (SILT FENCE)	D/E	PLACE SILT FENCE AROUND ALL STORM SEWER STRUCTURES / YARD AREA STORM STRUCTURES TO HAVE SILT FENCE REMOVED ONLY WHEN GRADED AREAS HAVE ESTABLISHED SUFFICIENT GROUND COVER		
7	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		
8	SILT FENCE (AFTER CURB CONSTRUCTION)	E	PLACE WHERE INDICATED, REPAIR OR REPLACE AS NECESSARY AND REMOVE ONLY WHEN GRADED AREAS HAVE ESTABLISHED SUFFICIENT GROUND COVER		
9	SEEDING AND MULCHING	E	ALL DISTURBED AREAS AFTER 14 DAYS OF CONSTRUCTION INACTIVITY		
			ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED ANY TIME CURRENT MEASURES ARE FOUND TO BE INEFFECTIVE.		

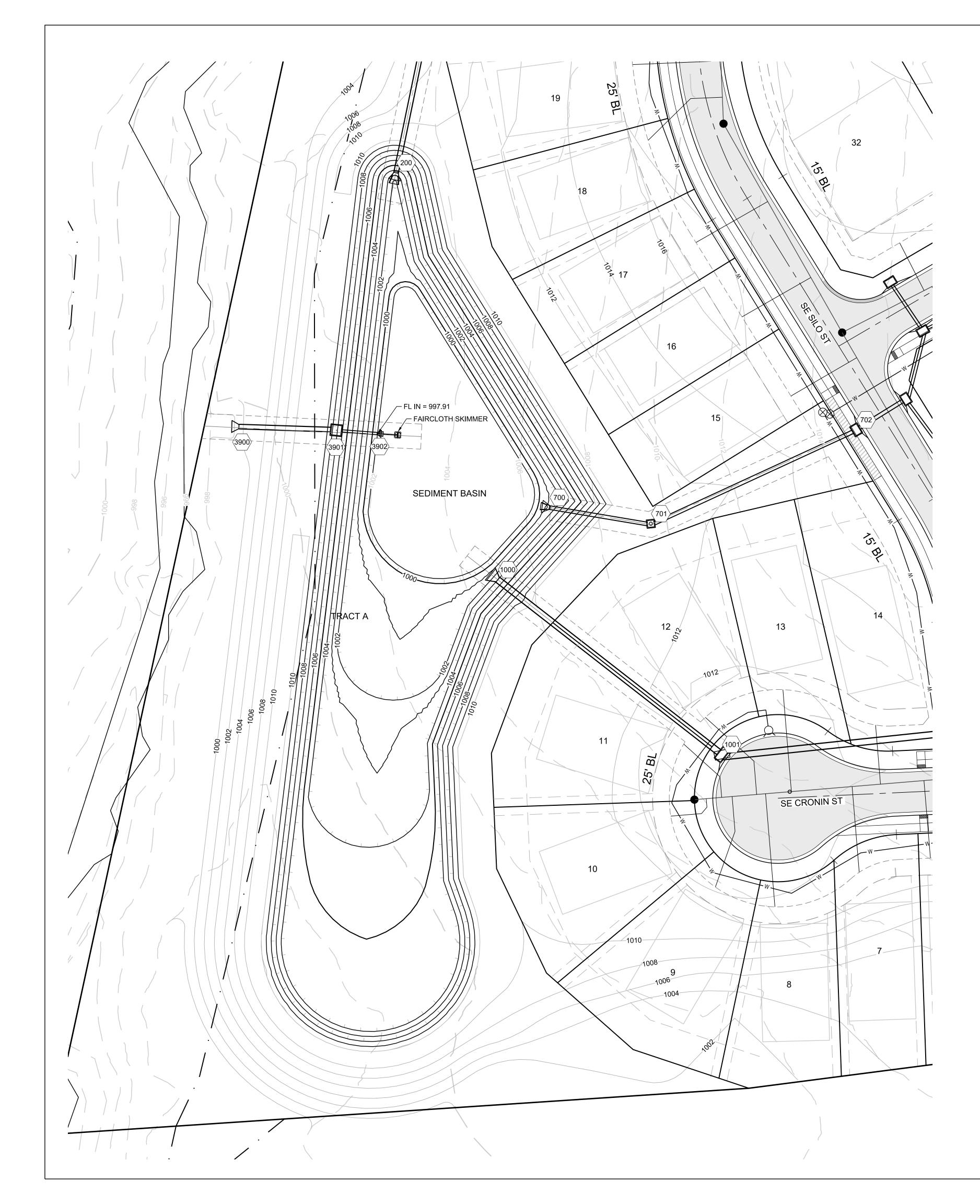


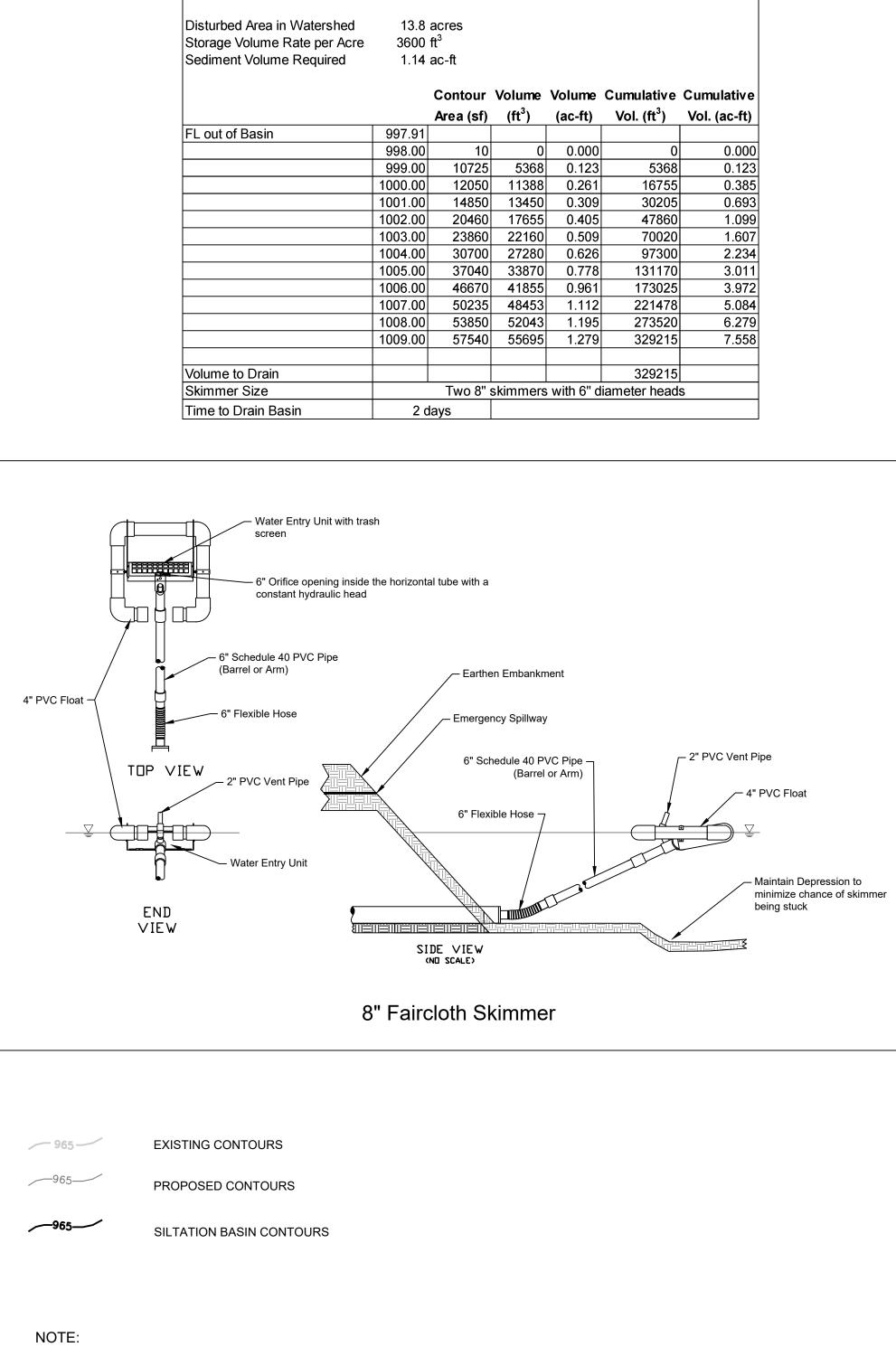


SHEET

4







SEDIMENT BASIN SHALL BE CONSTRUCTED AT THE START OF THE PROJECT.

SEDIMENT BASIN DESIGN SUMMARY						
tershed	13.8	acres				
e per Acre	3600	ft ³				
quired	1.14	ac-ft				
		Contour	Volume	Volume	Cumulative	Cumulative
		Area (sf)	(ft ³)	(ac-ft)	Vol. (ft ³)	Vol. (ac-ft)
	997.91					
	998.00	10	0	0.000	0	0.000
	999.00	10725	5368	0.123	5368	0.123
	1000.00	12050	11388	0.261	16755	0.385
	1001.00	14850	13450	0.309	30205	0.693
	1002.00	20460	17655	0.405	47860	1.099
	1003.00	23860	22160	0.509	70020	1.607
	1004.00	30700	27280	0.626	97300	2.234
	1005.00	37040	33870	0.778	131170	3.011
	1006.00	46670	41855	0.961	173025	3.972
	1007.00	50235	48453	1.112	221478	5.084
	1008.00	53850	52043	1.195	273520	6.279
	1009.00	57540	55695	1.279	329215	7.558
					329215	
		Two 8" :	skimmers	with 6" d	iameter head	s
	2 c	lays				

