

## DESIGN & CONSTRUCTION MANUAL DESIGN CRITERIA MODIFICATION REQUEST

PROJECT NAME: Newberry Lot 294	
ADDRESS: 1460 SE Broadway Drive	
PERMIT NUMBER: TBD	
OWNER'S NAME: Choyce LLC	
TO: Deputy Director of Public Works / City Engineer	
In accordance with the City of Lee's Summit's Design and Commodification to one or more provisions of the code as I feel to the public health, welfare and safety are assured. The follow (NOTE: Cite specific code sections, justification and all appropriate are requesting a waiver of Stormwater Management Faulth Construction of an onsite attenuation system was determined.	hat the spirit and intent of the DCM is observed and ring articulates my request for your review and action priate supporting documents.)  cilities as identified in KC Metro APWA Section 5608
downstream during lower return event storms, i.e. flood pro- information which supports the requested waiver. The macro additional details. A hydrodynamic separator will be added o	ducing storms. See attachment A for additional o/micro storm drainage study may be referenced for
SUBMITTED BY:	
NAME: Engineering Solutions ADDRESS: 50 SE 30 <sup>th</sup> Street CITY, STATE, ZIP: Lee's Summit, MO 64082 Email: mschlicht@es-kc.com	( ) OWNER (X) OWNER'S AGENT PHONE #: 816-623-9888/ SIGNATURE:
SUE PYLES, P.E. DEVELOPMENT ENGINEERING MANAGER SIGNATURE:	( ) APPROVAL ( ) DENIAL _DATE:
JEFF THORN, P.E. DEPUTY DIRECTOR OF WATER UTILITIES SIGNATURE:	( ) APPROVED ( ) DENIAL
GEORGE M. BINGER III, P.E. DEPUTY DIRECTOR OF PUBLIC WORKS / CITY ENGINEER SIGNATURE:	
COMMENTS:	

## Attachment A

Based on SCS Methodology as outlined in APWA 5600 the proposed site will reduce peak discharge rates downstream during low return period storms. Onsite attenuation would create higher peak discharge rates downstream during low return period storms as outlined in Table 8-1 below which was taken from the macro/micro stormwater report. Please refer to the complete report if additional/complimentary information is desired.

Table 8-1 Proposed Peak Discharge Rates

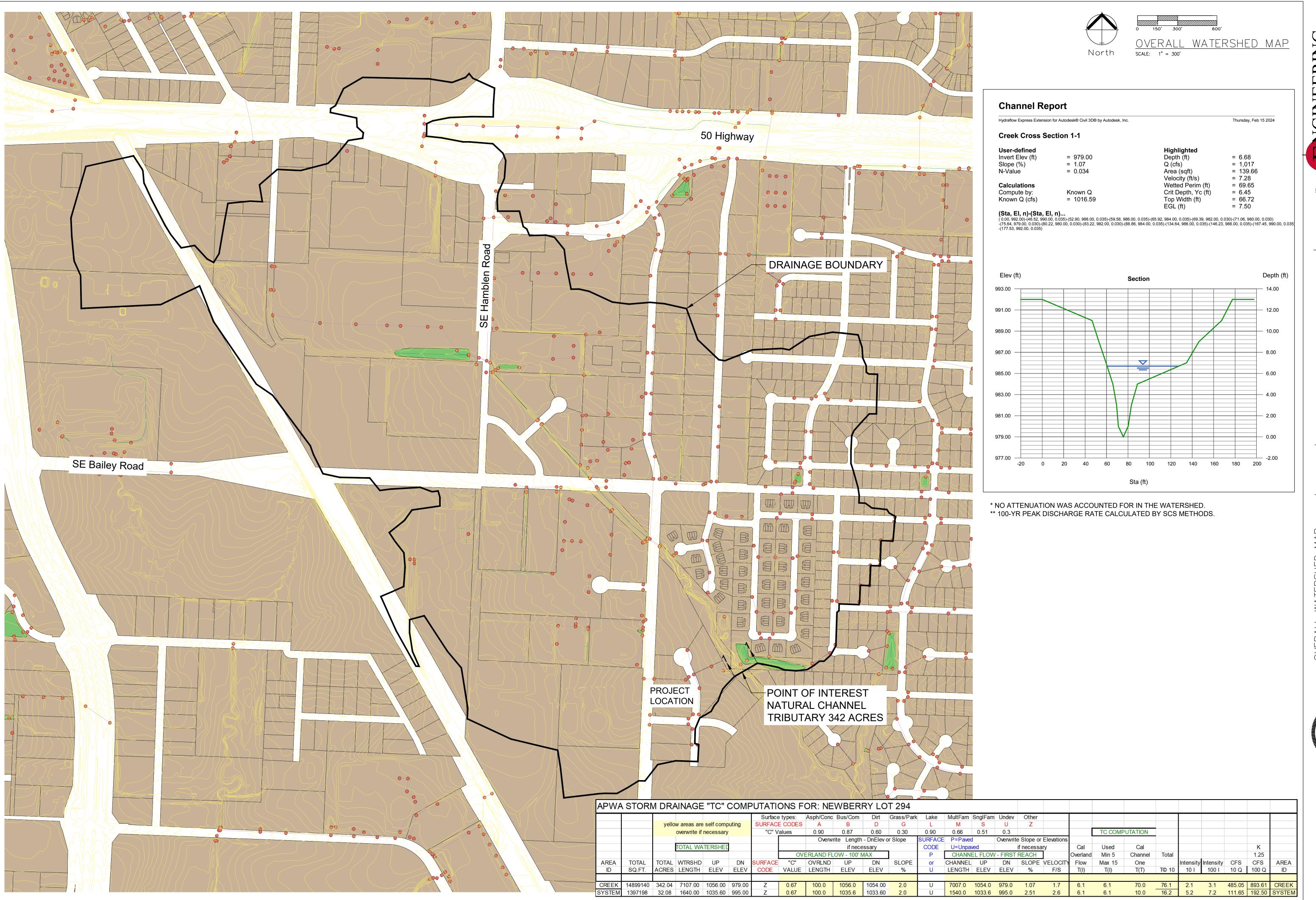
Hydrograph Desc.	Q2 (cfs)	Q10 (cfs)	Q100 (cfs)
Combined Undetained*	384.14	638.91	1012.39
Combined Detained**	383.82	639.46	1013.87

<sup>\*</sup> Combined Undetained = Prop West + Prop East + Prop East 1 + (Watershed - Lot 294)

See Drainage Map attached on next Sheet.



<sup>\*\*</sup> Combined Detained = Prop West + Prop East + Detained East 1 + (Watershed – Lot 294)



ENGINEERING & SURVEYING-ENGINEERING & SURVEYING-SO SE 30TH STREET LEE'S SUMMIT, MO 64082

Professional Registration
Missouri
Engineering 2005002186-D
Surveying 2005008319-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 6254
Nebraska
Engineering CA2821

berry Landings First Plat ımit, Jackson County, Missou

Project:
NEWBERRY
LANDING, LSMO
Issue Date:
January 4, 2024

ERALL WATERSHED MAR Construction Plans for: 94, Newberry Landings First Plat Summit, Jackson County, Missou

MATTHEWAL SCHLIGHT NUMBER A PERZOGO19708

Matthew J. Schlicht MO PE 2006019708 KS PE 19071 OK PE 25226 REVISIONS

EXHIBIT