

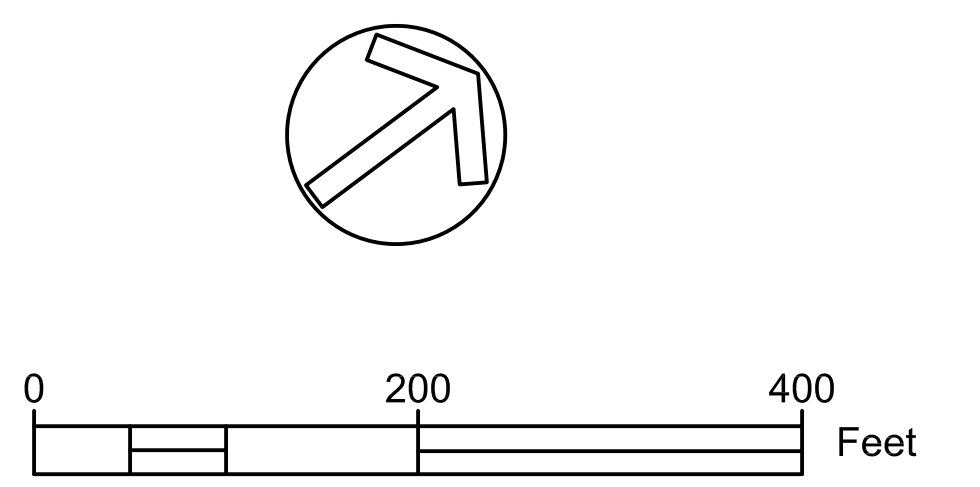
**LEGEND**

- 750 --- EX. MAJOR CONTOUR
- 744 --- EX. MINOR CONTOUR
- HrD (D Soils) EX. SOIL BOUNDARY
- HrC (C Soils) EX. OVERHEAD UTILITY
- EX. PROPERTY BOUNDARY
- - - EX. WETLAND
- EX. WOODS
- PROP. DEVELOPED GRASS
- PROP. UNDERDRAIN SOIL FILTER
- 750 PROP. MAJOR CONTOUR
- 744 PROP. MINOR CONTOUR
- TC PROP. TIME OF CONCENTRATION
- ▲ PROP. FLOW DIRECTION ARROW
- - - PROP. DRAINAGE BOUNDARY
- ANALYSIS POINT
- - - PROP. CULVERT/PIPING
- - - PROP. SITE/LINEAR DEMARCATION
- PROP. IMPERVIOUS PAVING/ROOF
- PROP. STONE PAD
- PROP. GRAVEL ROAD

PROPOSED CONDITIONS HYDRAULIC SUMMARY						
DRAINAGE AREA	2 - YEAR FLOW RATE (CFS)	10 - YEAR FLOW RATE (CFS)	25 - YEAR FLOW RATE (CFS)	PEAK 2 - YEAR FLOW RATE AT ANALYSIS POINT (IF SUBSHEDS PRESENT)	PEAK 10 - YEAR FLOW RATE AT ANALYSIS POINT (IF SUBSHEDS PRESENT)	PEAK 25 - YEAR FLOW RATE AT ANALYSIS POINT (IF SUBSHEDS PRESENT)
A1	5.17	12.68	16.85			
A2	7.78	15.58	19.64	11.36	23.26	31.36
A3	2.90	7.30	9.76			
B	3.50	7.98	10.41	N/A	N/A	N/A
C1	5.97	14.63	19.48	5.96	14.84	19.83
C2	2.25	4.39	5.50			
D	0.56	1.24	1.61	N/A	N/A	N/A
E	2.68	5.91	7.65	N/A	N/A	N/A

STORMWATER TREATMENT REQUIREMENTS (% OF TREATED AREA)				
LAND TYPE	STATION	STATION % TREATED	LINEAR	LINEAR % TREATED
IMPERVIOUS TOTAL	7.15 AC	99.33%	1.50 AC	75.10%
IMPERVIOUS TREATED	7.10 AC		1.13 AC	
DEVELOPED TOTAL*	10.71 AC		3.69 AC	
DEVELOPED TREATED	8.97 AC	83.75%	2.21 AC	59.89%

\*DEVELOPED AREA INCLUDES BOTH IMPERVIOUS AND LANDSCAPED SURFACES



**ISSUED FOR PERMITTING  
NOT FOR CONSTRUCTION  
05/29/18**

REV.	DESCRIPTION	DATE	BY	CK	APP	OWNER ENGINEER:	APPROVAL STAMP:	PE Stamp
B	MEDEP PERMIT SET COMMENT REVISIONS	05/29/18	TJG	KRV				
DRAWING PREPARED BY:							ACCEPTED BY OE:	

**IUSA ENGINEERING**  
CONFIDENTIAL, PROPRIETARY and TRADE SECRET INFORMATION  
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**POST-DEVELOPMENT STORMWATER PLAN**

SH 4 OF 4

**MERRILL ROAD/1076**      **LEWISTON, ME**

DR: TJG      SCALE: 1"=100'      FILE: 1076-003-002SH004.DWG

CK: KRV      NO.

APP.

REV.      1076-003-002      B

ANSI D CADD Drawings DO NOT REVISE MANUALLY.