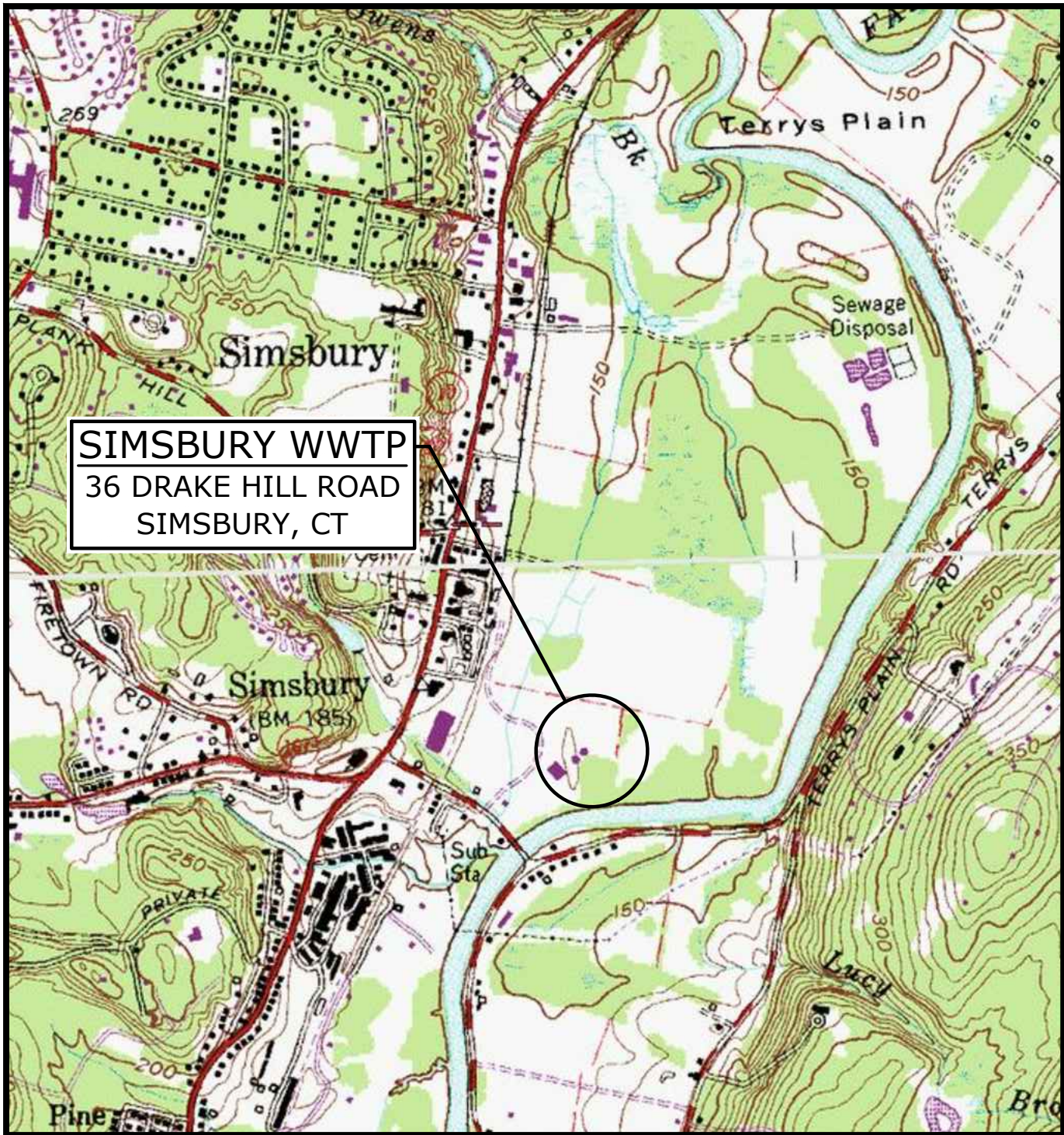


TOWN OF SIMSBURY, CONNECTICUT WASTEWATER TREATMENT PLANT CLARIFIER LAUNDER COVERS

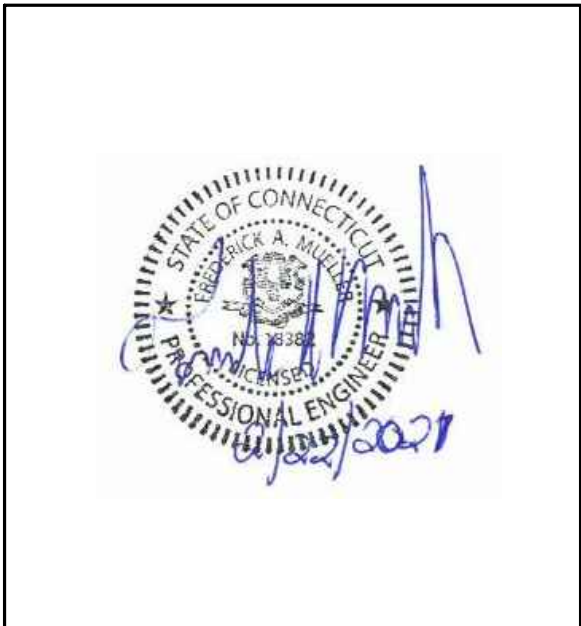
DPW #2021-03
FEBRUARY 2021

LIST OF DRAWINGS		
SHEET NO.	DRAWING NO.	DRAWING TITLE
GENERAL		
1	G-001	COVER SHEET
MECHANICAL		
2	M-101	EXISTING CONDITIONS
3	M-102	PROPOSED LAUNDER COVERS



LOCATION MAP
NO SCALE

PREPARED BY:
Tighe&Bond



PREPARED FOR:
TOWN OF SIMSBURY, CONNECTICUT

FIRST SELECTMAN
ERIC WELLMAN

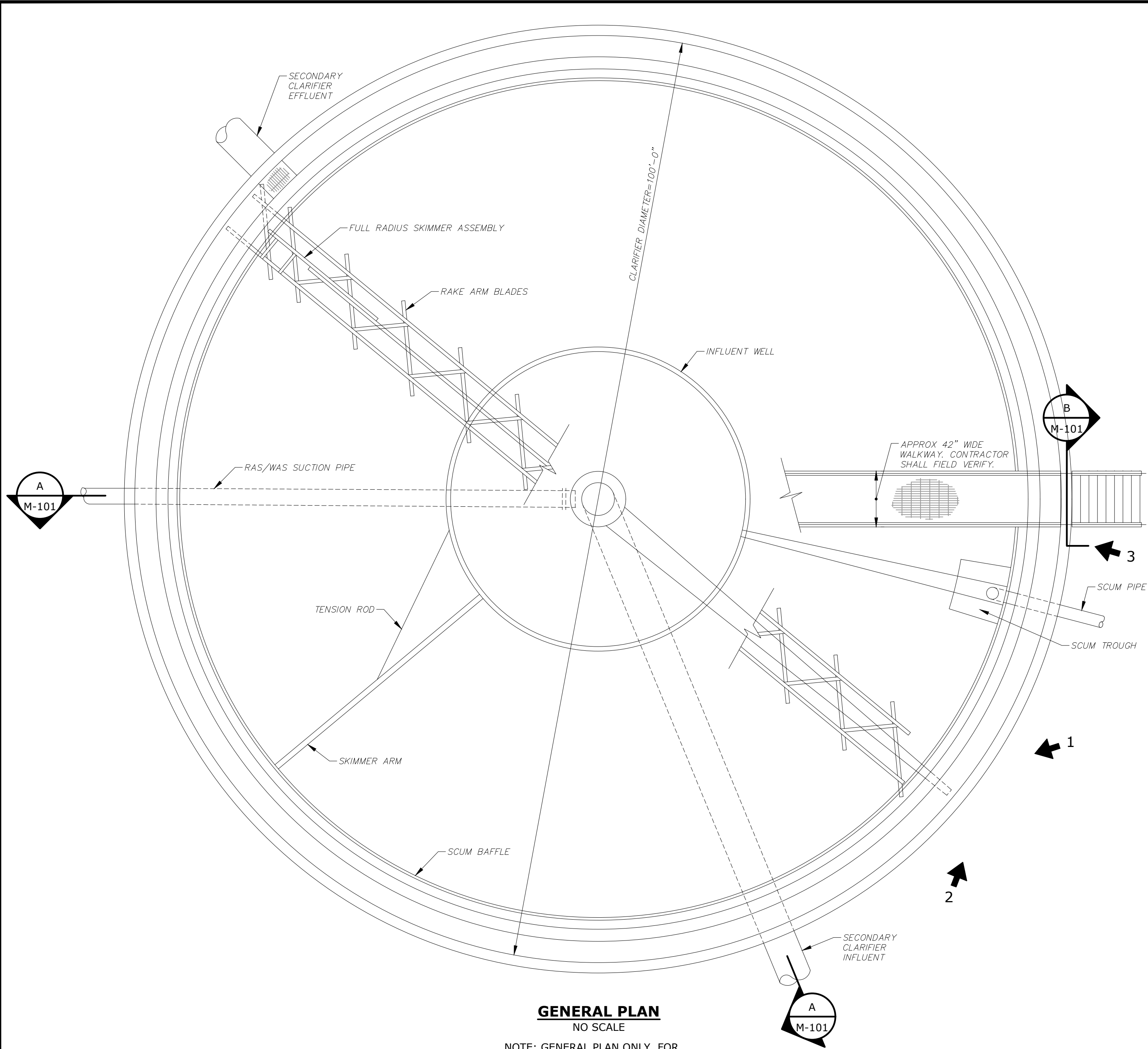
DIRECTOR OF PUBLIC WORKS
THOMAS J. ROY, PE

WPCA SUPERINTENDENT
ANTHONY PIAZZA

TOWN ENGINEER
JEROME F. SHEA

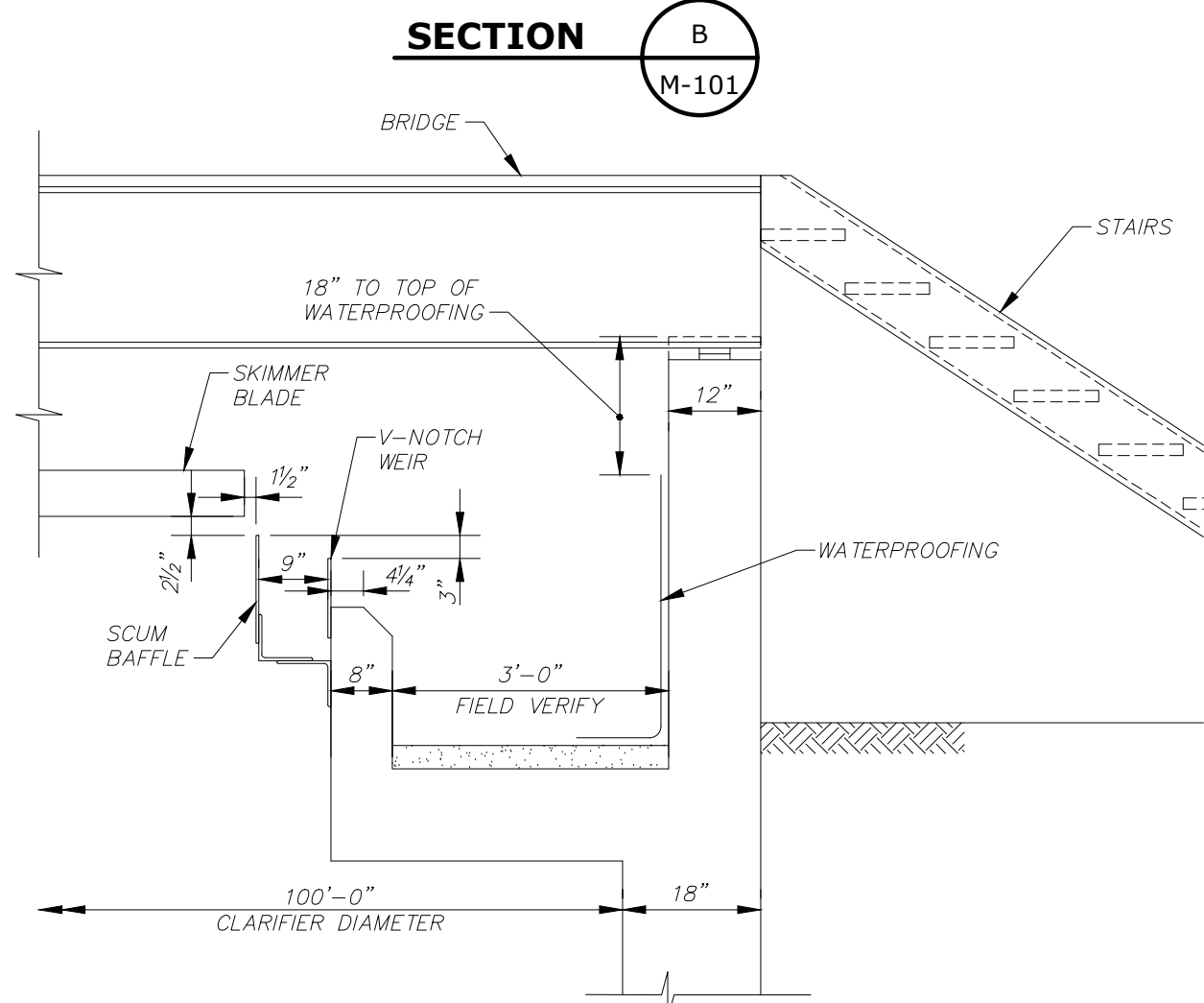
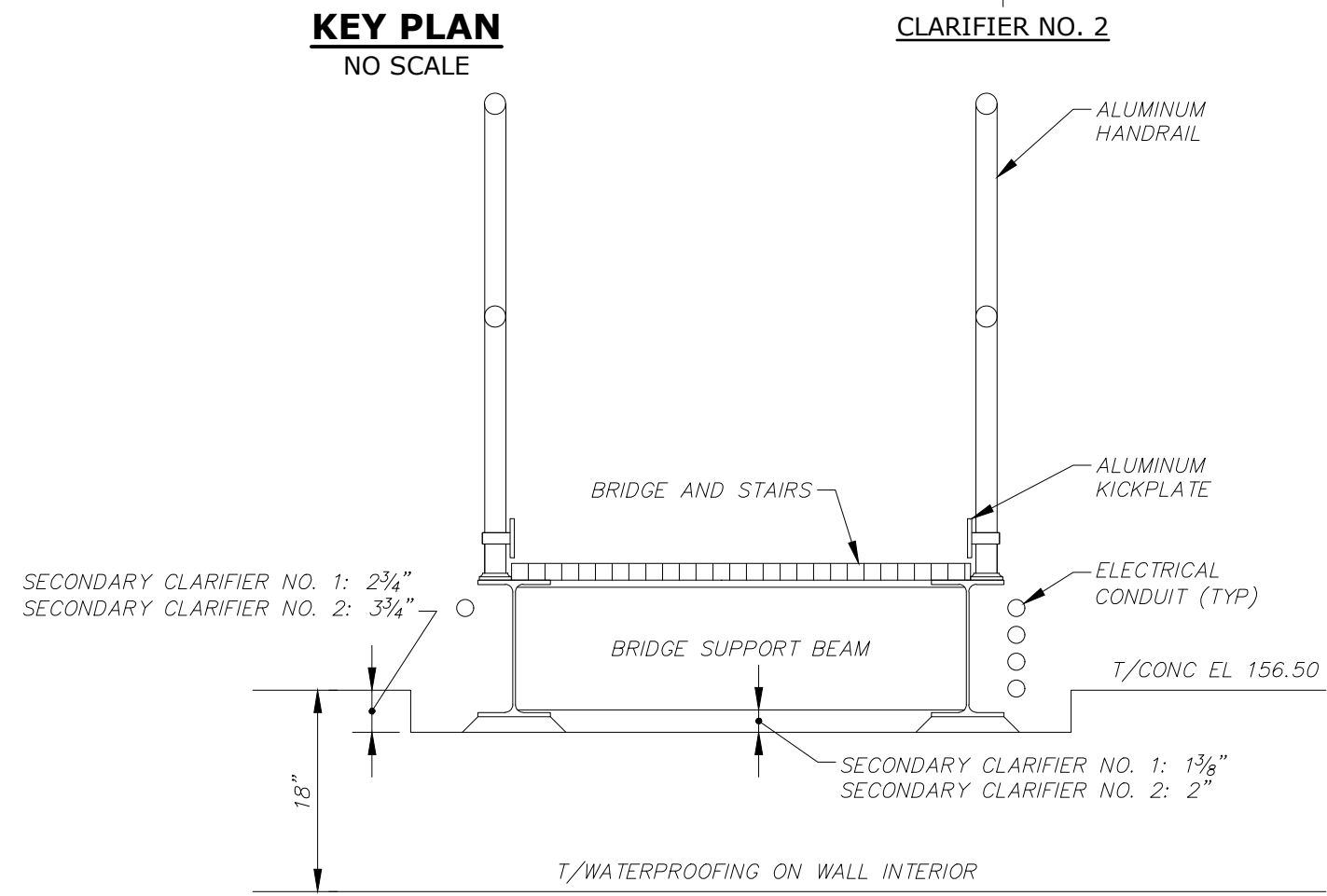
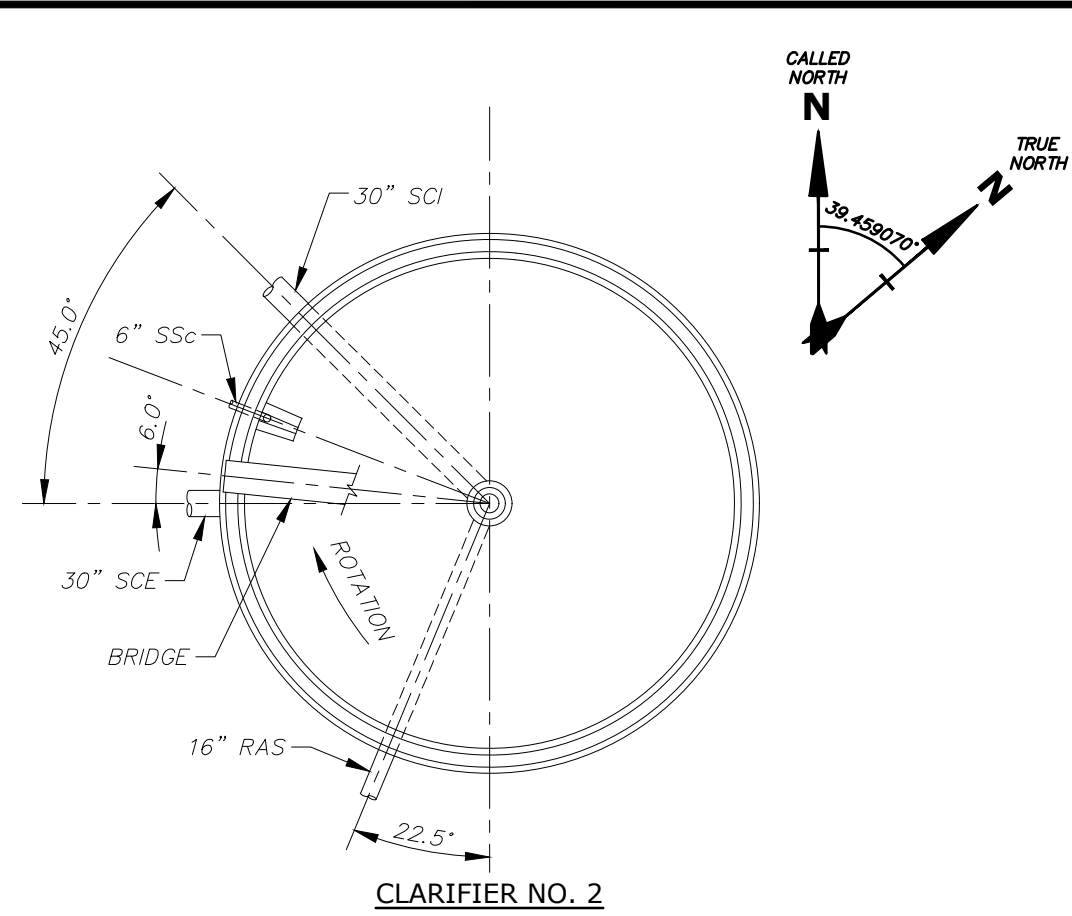
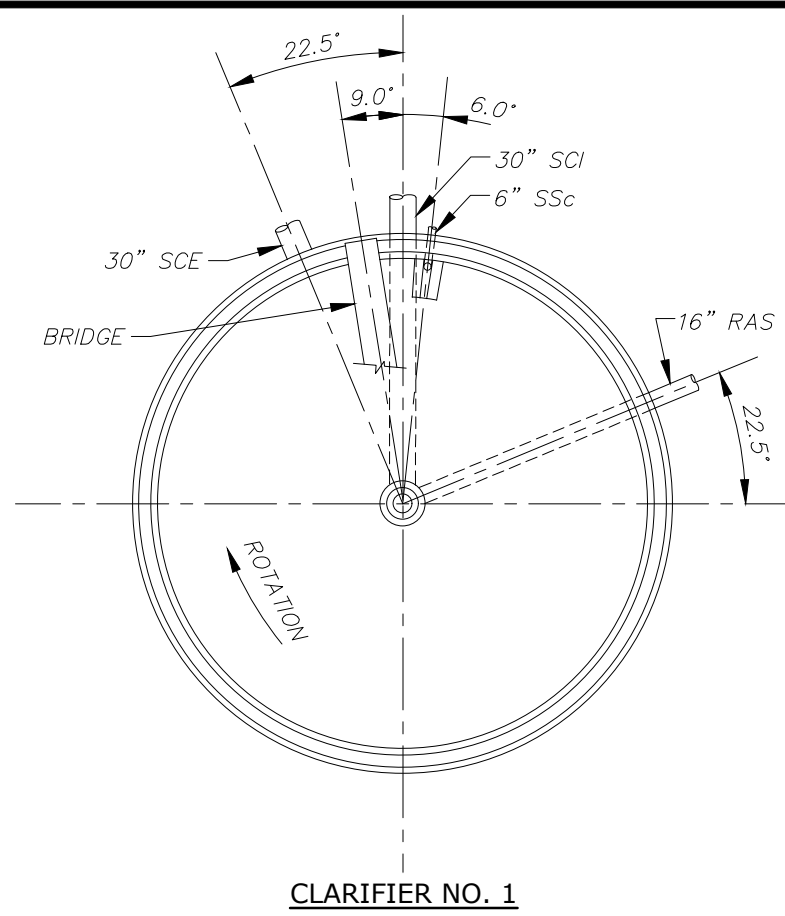
COMPLETE SET 3 SHEETS

Last Saved: 1/22/2021
Plotted On: Feb 23, 2021
Tighe & Bond, Inc. 155 S5002 - Town of Simsbury 002 - Clarifier Launder Covers
Figures AutoCAD/Sheet/S5002-002-M-101.dwg



DIMENSIONS	
CLARIFIER DIAMETER	100'
SIDEWATER DEPTH	16'
CHANNEL WIDTH	3'
INFLUENT PIPE DIAMETER (SCI)	30"
EFFLUENT PIPE DIAMETER (SCE)	30"
SCUM PIPE DIAMETER (SSc)	6"
RAS AND WAS DIAMETER	16"

ELEVATIONS		
"A"	TOP OF CONCRETE	156.50
"B"	TOP OF CONCRETE	153.50
"C"	TOP OF CONCRETE FILL	137.50
"D"	WATER LEVEL	153.98
"E"	CHANNEL HIGH POINT	152.50
"F"	CHANNEL LOW POINT	152.00
"G"	TOP OF CHANNEL CONCRETE	151.75
"H"	NOT USED	
"I"	INFLUENT PIPE INVERT	132.67
"J"	EFFLUENT PIPE INVERT	145.25
"K"	BOTTOM OF WEIR CREST	153.83
"L"	SCUM PIPE INVERT	145.50
"M"	RAS/WAS PIPE INVERT	133.75



EXISTING BRIDGE MODIFICATIONS
NO SCALE



PHOTO 1



PHOTO 2

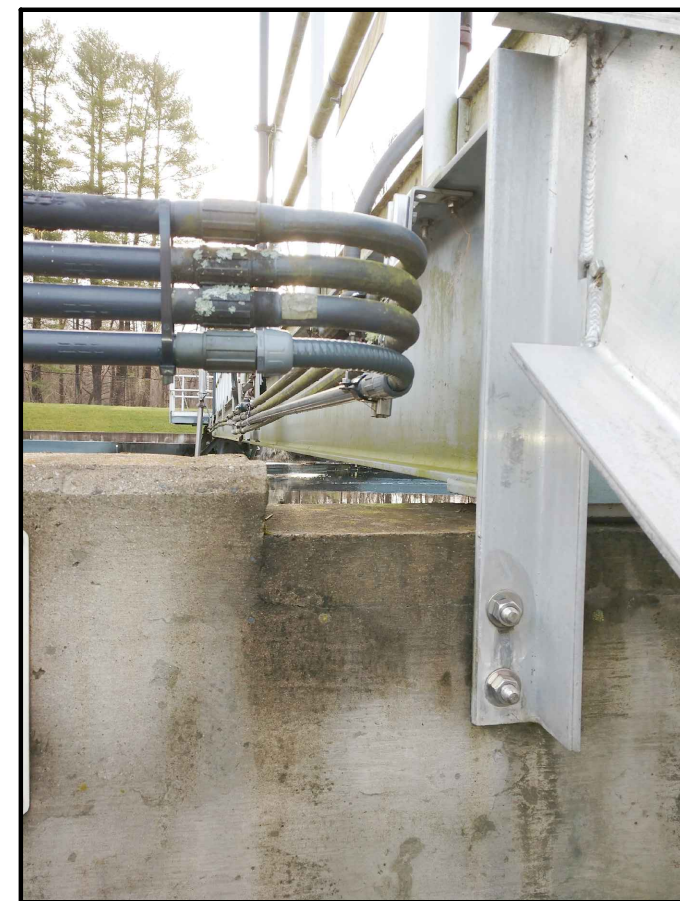
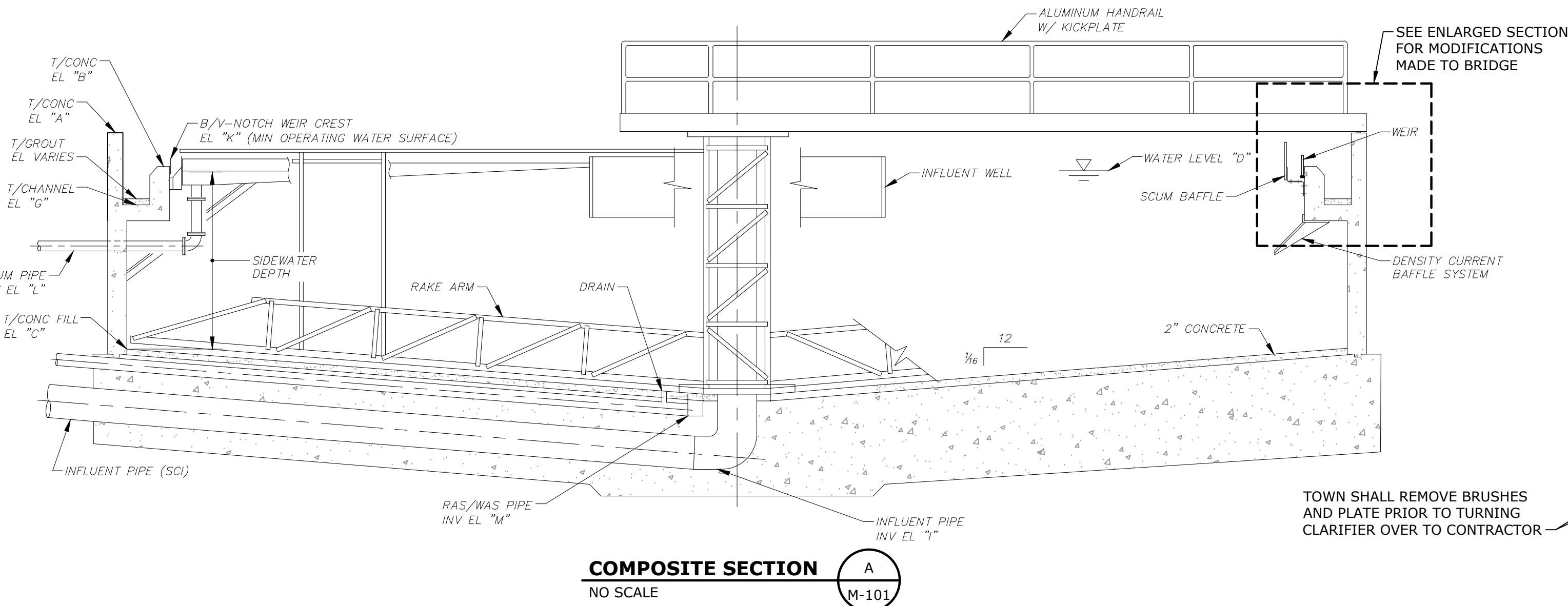


PHOTO 3



COMPOSITE SECTION
NO SCALE

TOWN SHALL REMOVE BRUSHES AND PLATE PRIOR TO TURNING CLARIFIER OVER TO CONTRACTOR

Tighe & Bond



WWTP Clarifier Launder Covers

Town of Simsbury, Connecticut

Simsbury, Connecticut

0	2/22/2021	ISSUED FOR CONSTRUCTION
MARK	DATE	DESCRIPTION
PROJECT NO:	S5002-002	
DATE:	JANUARY 2021	
FILE:	S5002-002-M-101.dwg	
DRAWN BY:	AJS	
CHECKED BY:	CMC	
APPROVED BY:	FAM	

EXISTING CONDITIONS

SCALE: AS SHOWN

M-101
SHEET 2 OF 3

