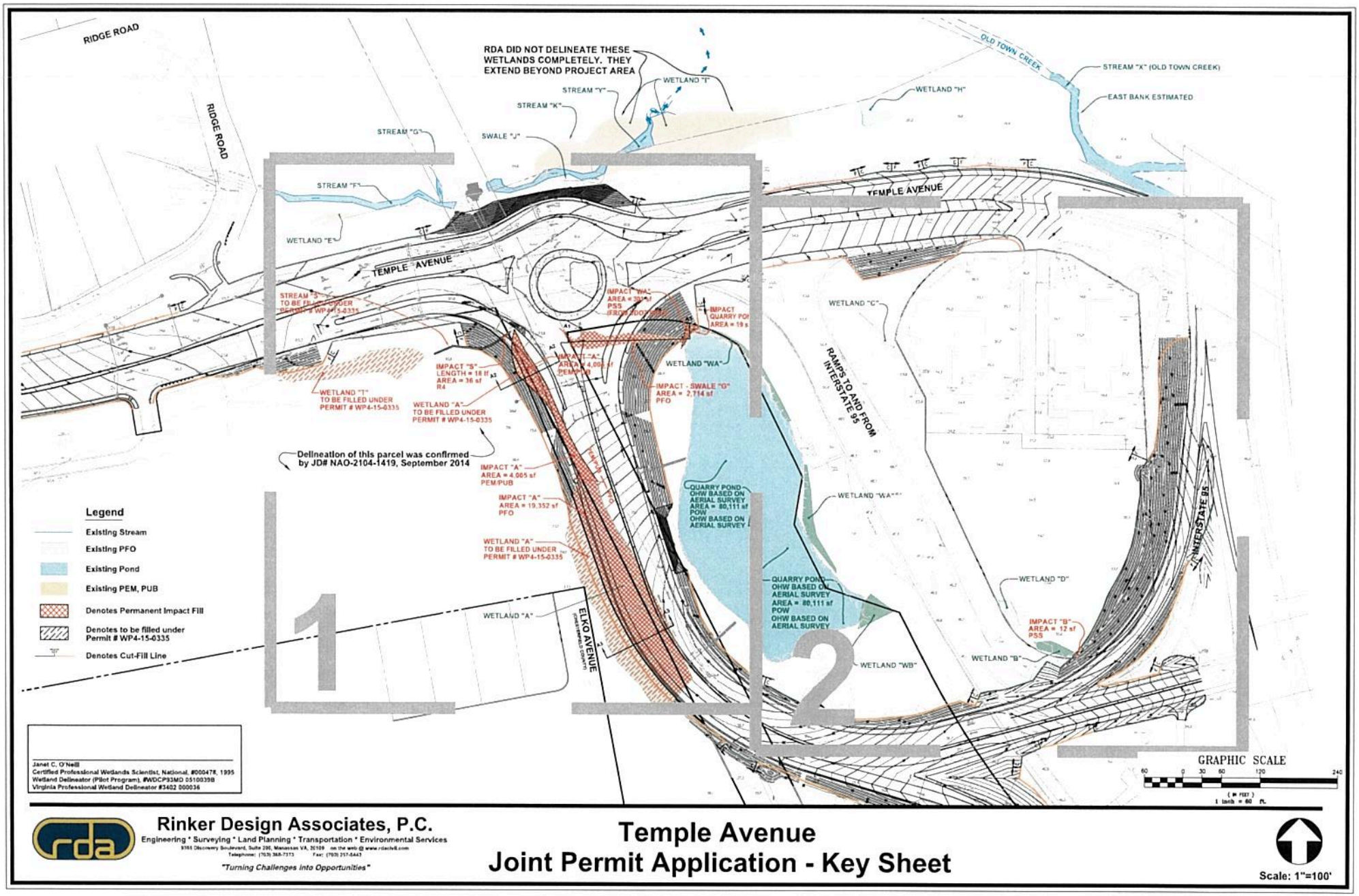

Janet C. O'Neill
Certified Professional Wetlands Scientist, National, #000478, 1995
Wetland Delineator (Pilot Program), #WDCP93MD 05100398
Virginia Professional Wetland Delineator #3402 000036

Rinker Design Associates, P.C.
Engineering * Surveying * Land Planning * Transportation * Environmental Services
9161 Discovery Boulevard, Suite 200, Manassas VA, 20109 on the web @ www.rdacivil.com
Telephone: (703) 368-7373 Fax: (703) 257-5443
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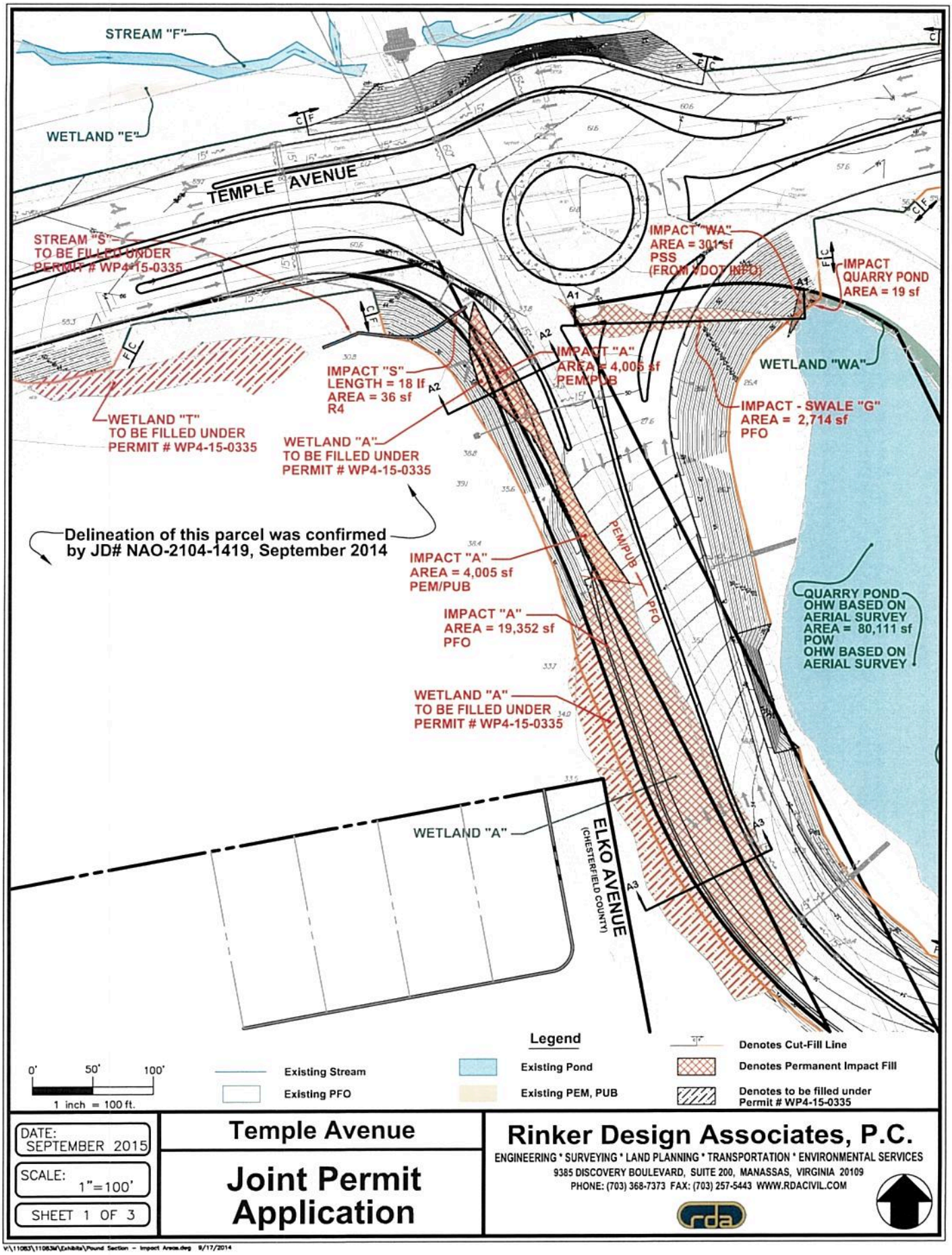
Temple Avenue
Joint Permit Application - Key Sheet

Scale: 1"=100'



DATE: SEPTEMBER 2015

SCALE: 1"=100'

SHEET 1 OF 3

Temple Avenue

Joint Permit Application

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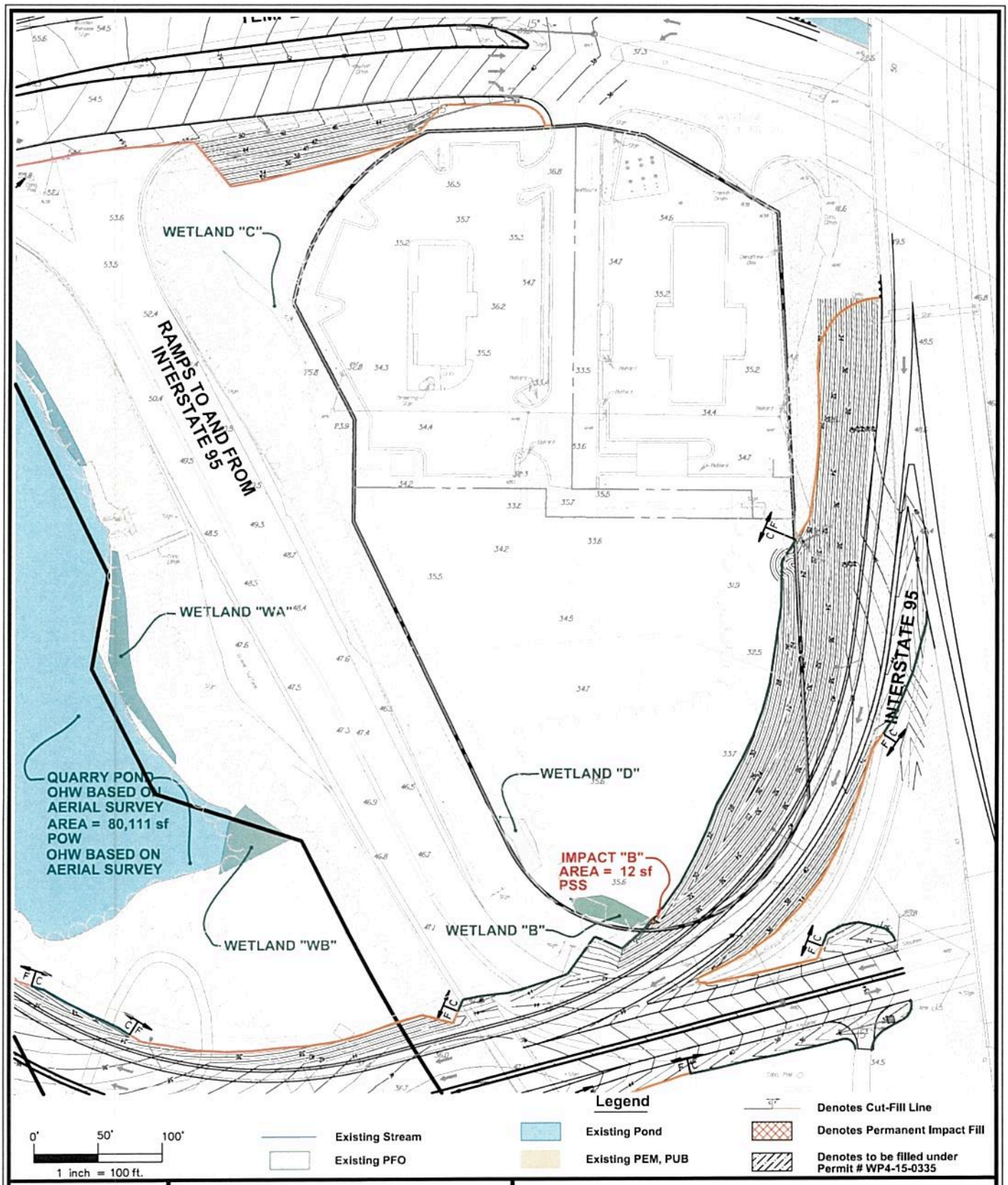

DATE: SEPTEMBER 2015

SCALE: 1"=100'

SHEET 2 OF 3

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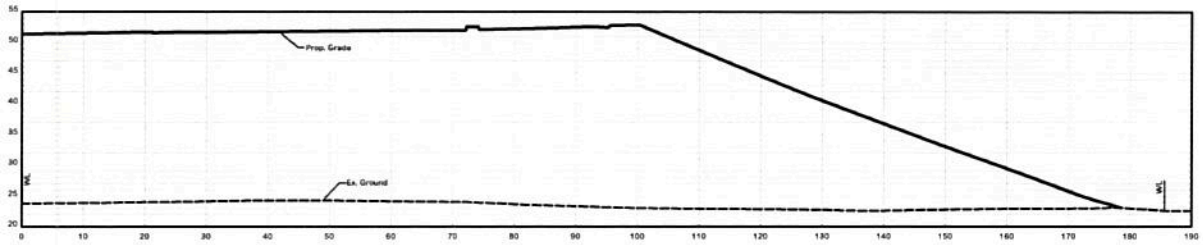
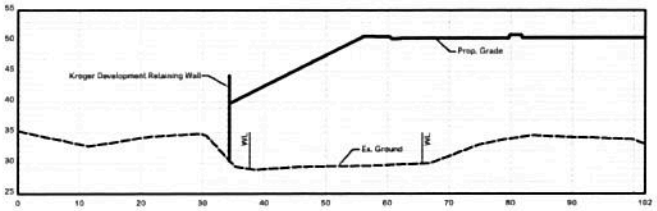
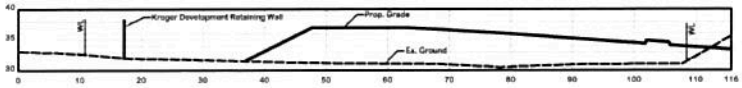


Cross Section A1-A1



Cross Section A2-A2



Cross Section A3-A3

0' 15' 30'

1 inch = 30 ft.

Cross Sections

DATE: SEPTEMBER 2015

SCALE: 1"=30'

SHEET 3 OF 3

Temple Avenue

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Temple Road Project

Stream and Wetland Impact Tables

Section 9. Wetlands, Waters, and Dunes/Beaches Impact Information

Please Note: There are no tidal habitats, dunes, or beaches in the Project Area.

Impact Sites	Impact A	Impact A	Impact B	Impact S	Impact Swale G	Impact WA	Impact Quarry Pond	Total
Impact Description	F,NT,PE,V	F,NT,PE,V	F,NT,PE,V	F,NT,PE,IN	F,NT,PE,NV	F,NT,PE,V	F,NT,PE,NV	
Stream Impact Length (LF)	N/A	N/A	N/A	18	N/A	N/A	N/A	
Stream Width at Impact Area (F)	N/A	N/A	N/A	2.0	N/A	N/A	N/A	
Stream Depth at Impact Area (F)	N/A	N/A	N/A	1	N/A	N/A	N/A	
Wetlands/Waters Impact Area (SF)	4005	19352	12	36	2714	301	19	26
Volume of Fill Below OHW (c	N/A	N/A	N/A	1.33	N/A	N/A	N/A	
Cowardin Classification	PEM/PUB	PFO	PSS	R4	PFO	PSS	POW	
Average CFS	N/A	N/A	N/A	<1 cfs	N/A	N/A	N/A	
Contributing Drainage Area (ac)	<130	<130	<130	<130	<130	<130	<130	
DEQ Class	VII	VII	VII	III	VII	VII	VII	
Other info								
Crossing Totals								
LF of Stream				18				
SF of Waters & Wetlands				26439				
Ac of Waters and Wetl				0.607				
CY of Fill Below OHW				1.33				

Page 1

PFO	PSS	PEM/POW	
0.507	0.007	0.092	
2	1.5	1	Total
1.014	0.010	0.092	1.116