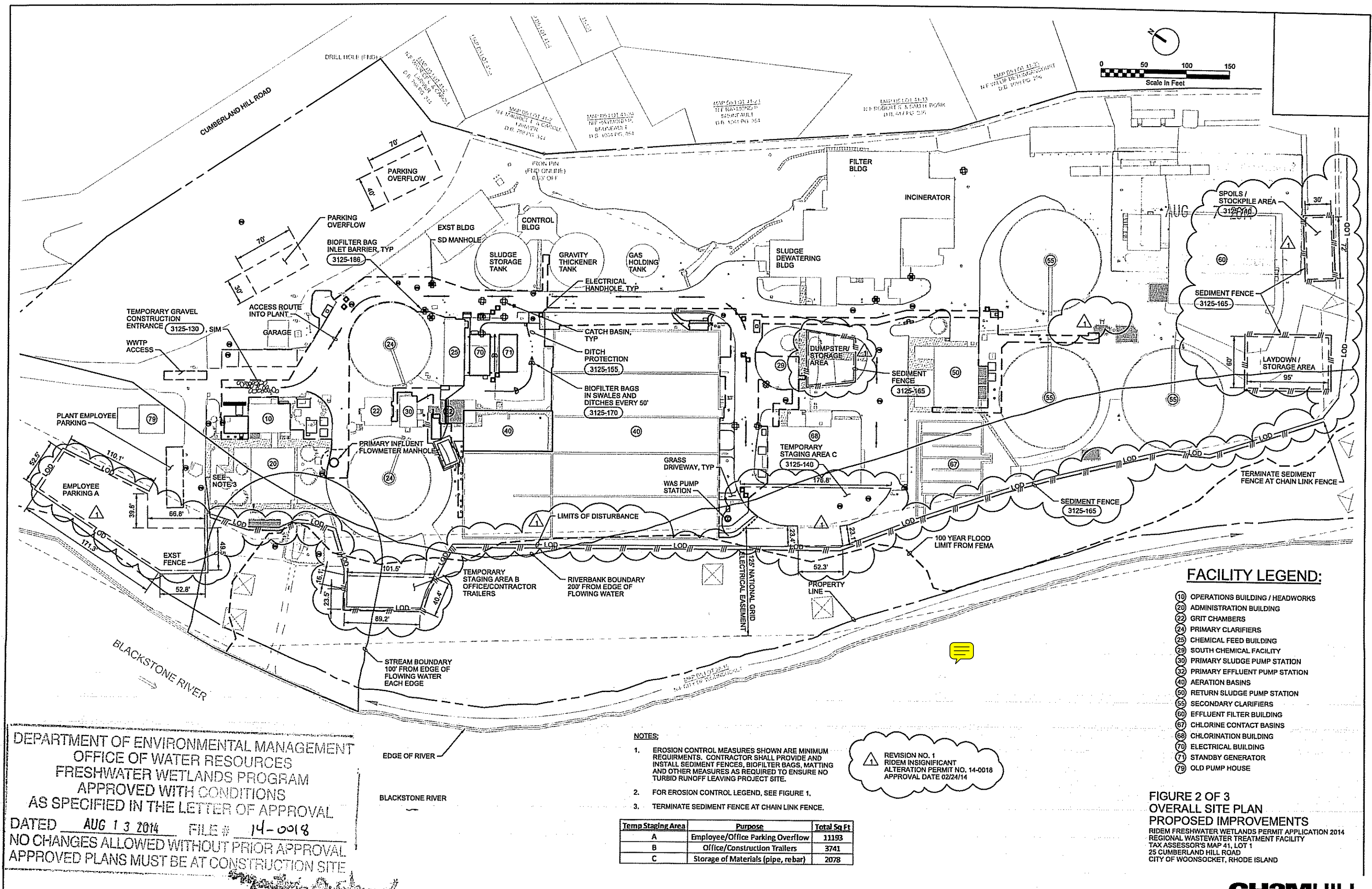


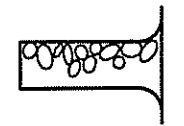


EROSION CONTROL LEGEND

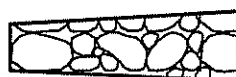
COVER PRACTICES

SYMBOL

CONSTRUCTION ENTRANCE



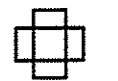
OUTLET PROTECTION / RIPRAP



SEDIMENT FENCE



BIOFILTER INLET BAGS



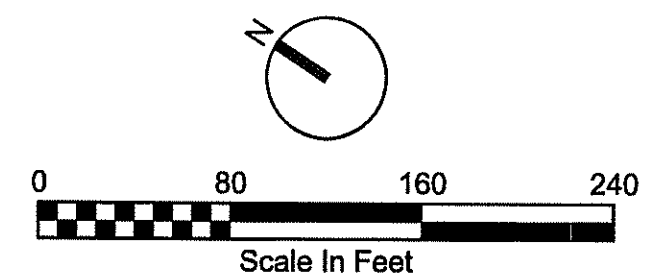
BIOFILTER BAGS IN DITCHES



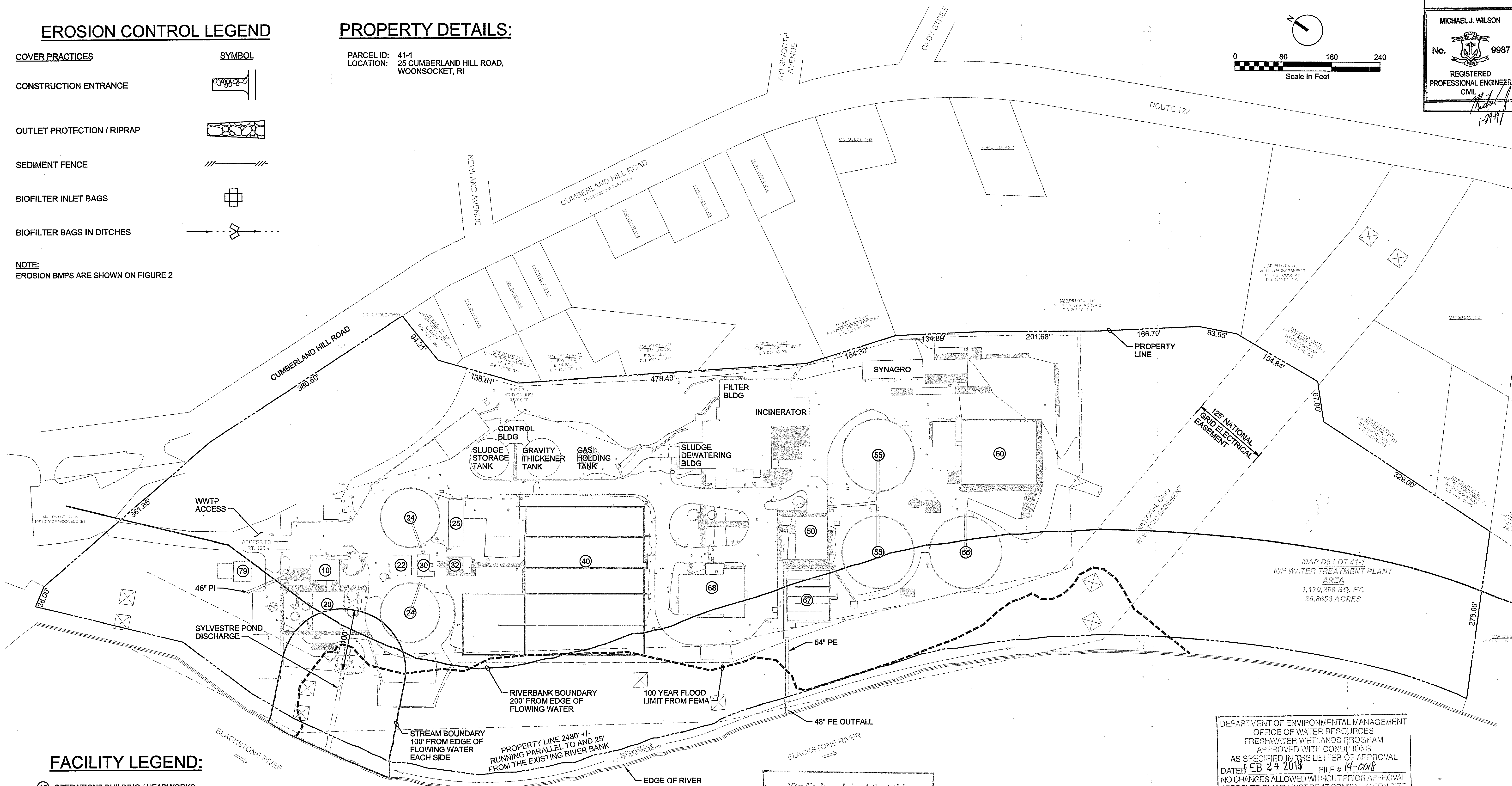
NOTE:
EROSION BMPs ARE SHOWN ON FIGURE 2

PROPERTY DETAILS:

PARCEL ID: 41-1
LOCATION: 25 CUMBERLAND HILL ROAD,
WOONSOCKET, RI



MICHAEL J. WILSON
No. 9987
REGISTERED
PROFESSIONAL ENGINEER
CIVIL



FACILITY LEGEND:

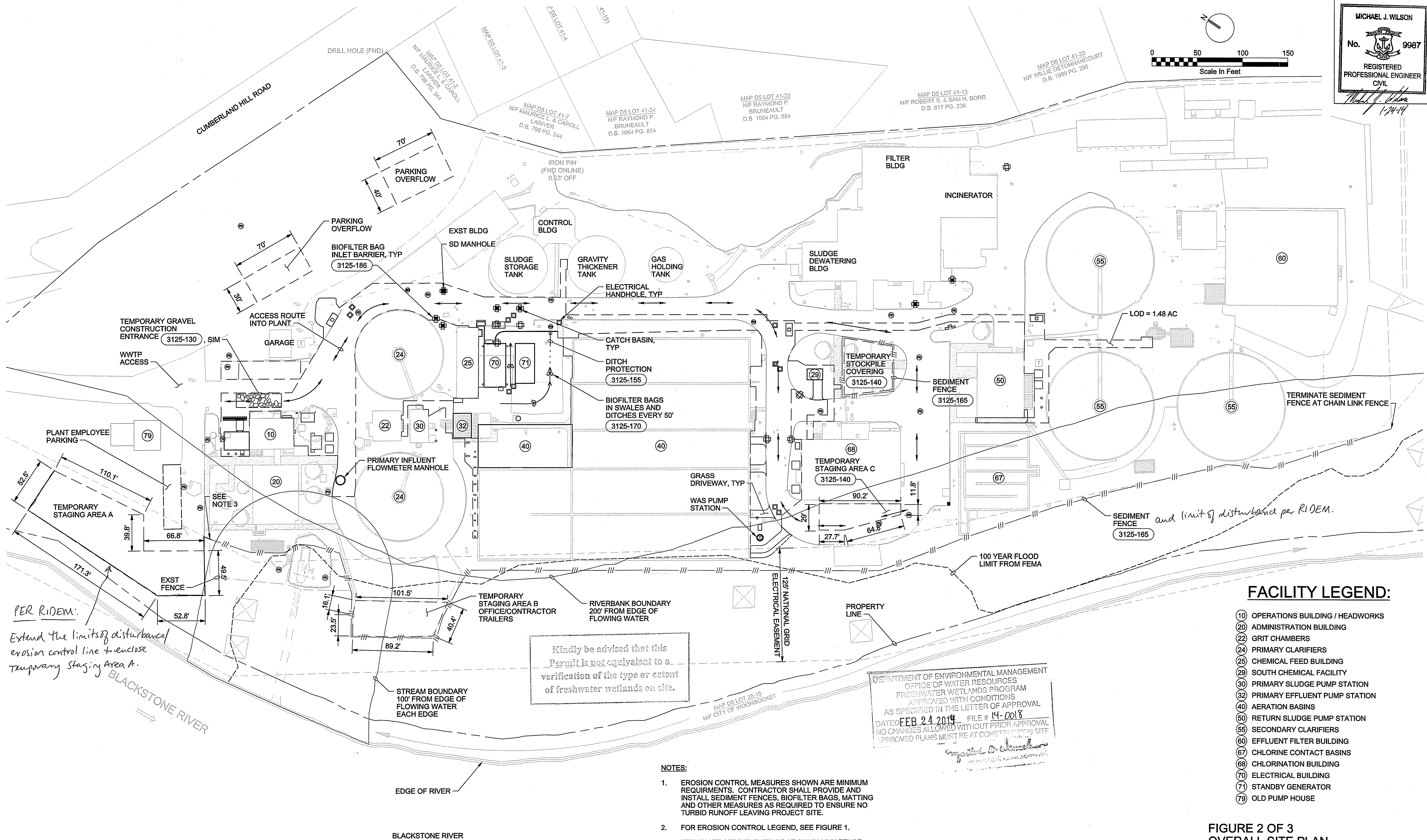
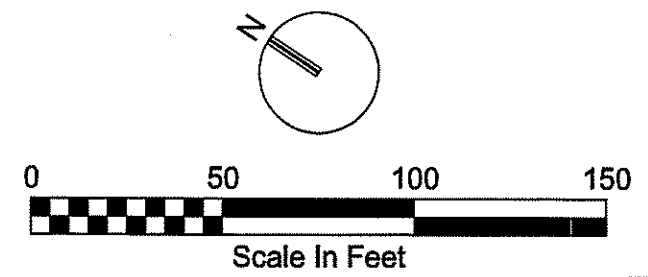
- 10 OPERATIONS BUILDING / HEADWORKS
- 20 ADMINISTRATION BUILDING
- 22 GRIT CHAMBERS
- 24 PRIMARY CLARIFIERS
- 25 CHEMICAL FEED BUILDING
- 30 PRIMARY SLUDGE PUMP STATION
- 32 PRIMARY EFFLUENT PUMP STATION
- 40 AERATION BASINS
- 50 RETURN SLUDGE PUMP STATION
- 55 SECONDARY CLARIFIERS
- 60 EFFLUENT FILTER BUILDING
- 67 CHLORINE CONTACT BASINS
- 68 CHLORINATION BUILDING
- 72 LOW VOLTAGE SWITCHGEAR
- 79 OLD PUMP HOUSE

ESTIMATED CHANGES TO PROPOSED IMPERVIOUS SURFACE AREAS, CITY OF WOONSOCKET WWTF UPGRADES			
DESCRIPTION	SQUARE FEET (ft ²)	ACRES	%
PROJECT SITE (PROPERTY BOUNDARY)	1,170,268	26.87	
EXISTING IMPERVIOUS SURFACES			
PAVEMENT	215,270	4.94	
STRUCTURES (OUTSIDE PAVEMENT)	71,891	1.65	
MISCELLANEOUS CONCRETE	13,333	0.31	
SUBTOTAL EXISTING IMPERVIOUS	300,494	6.90	26%
PROPOSED SURFACE CHANGES			
REDUCTION IN IMPERVIOUS - ASPHALT REMOVAL	-3,905	-0.09	1%
TOTAL PROPOSED IMPERVIOUS	296,589	6.81	25%
TOTAL PROPOSED PERVIOUS	873,679	20.06	75%

Kindly be advised that this
Permit is not equivalent to a
verification of the type or extent
of freshwater wetlands on site.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED FEB 24 2014 FILE # 14-0018
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

FIGURE 1 OF 3
OVERALL SITE PLAN
EXISTING PLANT
RIDEM FRESHWATER WETLANDS PERMIT APPLICATION 2014
REGIONAL WASTEWATER TREATMENT FACILITY
TAX ASSESSOR'S MAP 41, LOT 1
25 CUMBERLAND HILL ROAD
CITY OF WOONSOCKET, RHODE ISLAND



FACILITY LEGEND:

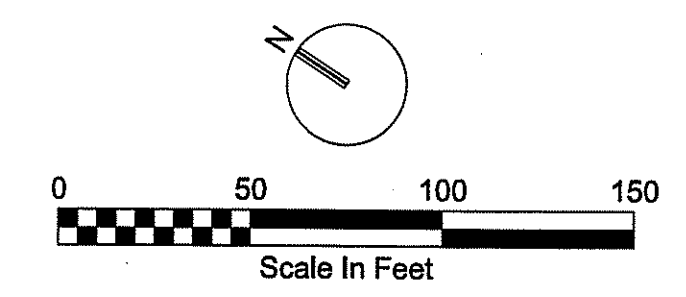
- (10) OPERATIONS BUILDING / HEADWORKS
- (20) ADMINISTRATION BUILDING
- (22) GRIT CHAMBERS
- (24) PRIMARY CLARIFIERS
- (25) CHEMICAL FEED BUILDING
- (29) SOUTH CHEMICAL FACILITY
- (30) PRIMARY SLUDGE PUMP STATION
- (32) PRIMARY EFFLUENT PUMP STATION
- (40) AERATION BASINS
- (50) RETURN SLUDGE PUMP STATION
- (55) SECONDARY CLARIFIERS
- (60) EFFLUENT FILTER BUILDING
- (67) CHLORINE CONTACT BASINS
- (68) CHLORINATION BUILDING
- (70) ELECTRICAL BUILDING
- (71) STANDBY GENERATOR
- (79) OLD PUMP HOUSE

**FIGURE 2 OF 3
OVERALL SITE PLAN
PROPOSED IMPROVEMENTS**
RIDEM FRESHWATER WETLANDS PERMIT APPLICATION 2014
REGIONAL WASTEWATER TREATMENT FACILITY
TAX ASSESSOR'S MAP 41, LOT 1
25 CUMBERLAND HILL ROAD
CITY OF WOONSOCKET, RHODE ISLAND

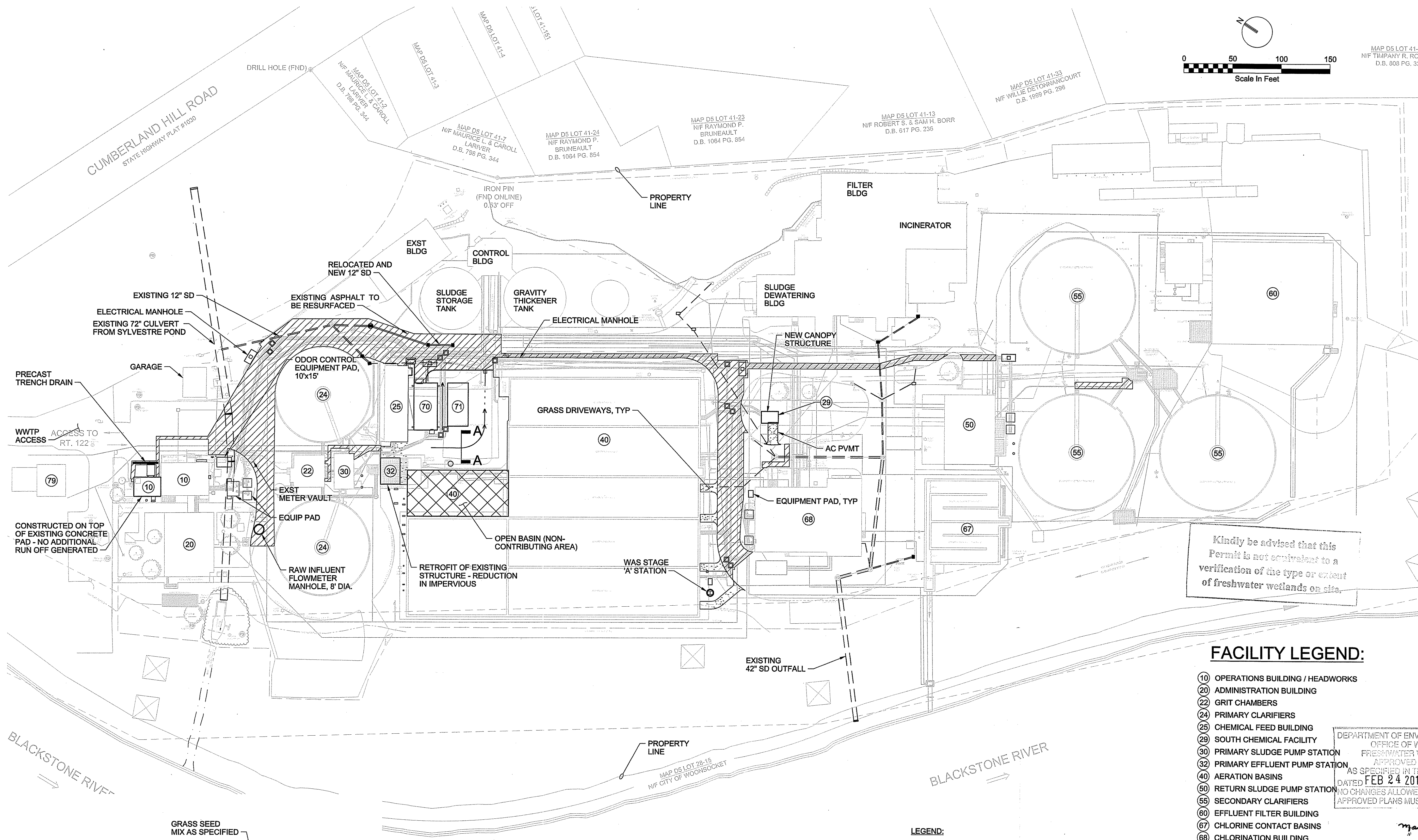
NOTES:

1. EROSION CONTROL MEASURES SHOWN ARE MINIMUM REQUIREMENTS. CONTRACTOR SHALL PROVIDE AND INSTALL SEDIMENT FENCES, BIOFILTER BAGS, MATTING AND OTHER MEASURES AS REQUIRED TO ENSURE NO TURBID RUNOFF LEAVING PROJECT SITE.
2. FOR EROSION CONTROL LEGEND, SEE FIGURE 1.
3. TERMINATE SEDIMENT FENCE AT CHAIN LINK FENCE.

Temp Staging Area	Purpose	Total Sq Ft
A	Employee/Office Parking Overflow	11193
B	Office/Construction Trailers	3741
C	Storage of Materials (pipe, rebar)	2078



MAP D5 LOT 41-1
N/F THOMPSON R. ROI
D.B. 008 PG. 32



Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.

FACILITY LEGEND:

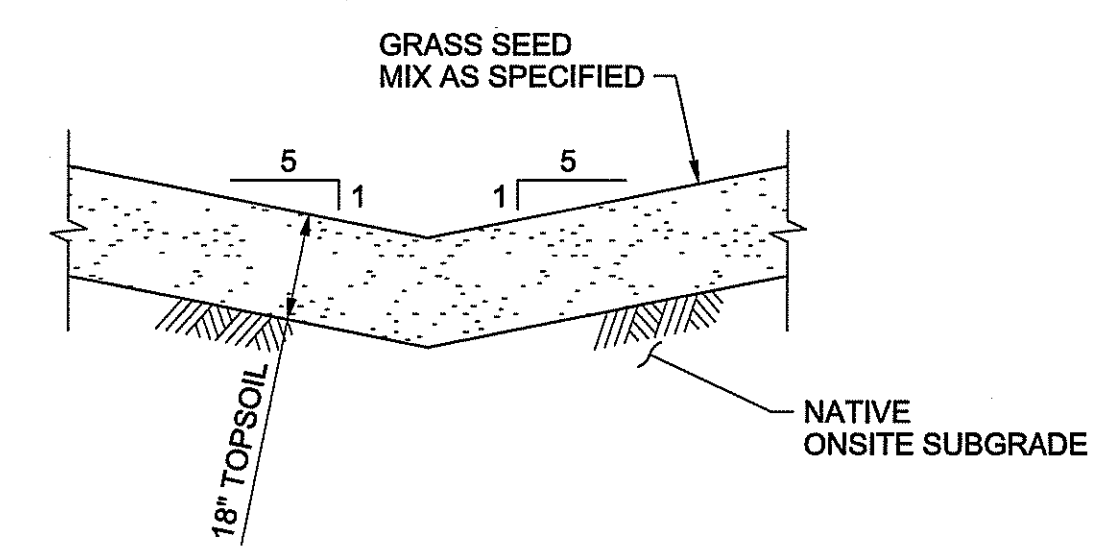
- (10) OPERATIONS BUILDING / HEADWORKS
- (20) ADMINISTRATION BUILDING
- (22) GRIT CHAMBERS
- (24) PRIMARY CLARIFIERS
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Martin D. Weneck

- LEGEND:**
- EXISTING IMPERVIOUS RESURFACED
 - GRASS SEED MIX
 - OPEN BASIN, NON CONTRIBUTING
 - EXISTING SD SYSTEM
 - RELOCATED SD SYSTEM

NOTE:
CONTRACTOR TO MAINTAIN ACCESS FOR DELIVERIES AND PLANT PERSONNEL TO ALL AREAS OF EXISTING FACILITIES DURING CONSTRUCTION.



SECTION A-A
3/8"=1'-0"

FIGURE 3 OF 3
EXISTING AND RETROFIT
STORM DRAIN SYSTEM
RIDEM FRESHWATER WETLANDS PERMIT APPLICATION 2014
REGIONAL WASTEWATER TREATMENT FACILITY
TAX ASSESSOR'S MAP 41, LOT 1
25 CUMBERLAND HILL ROAD
CITY OF WOONSOCKET, RHODE ISLAND