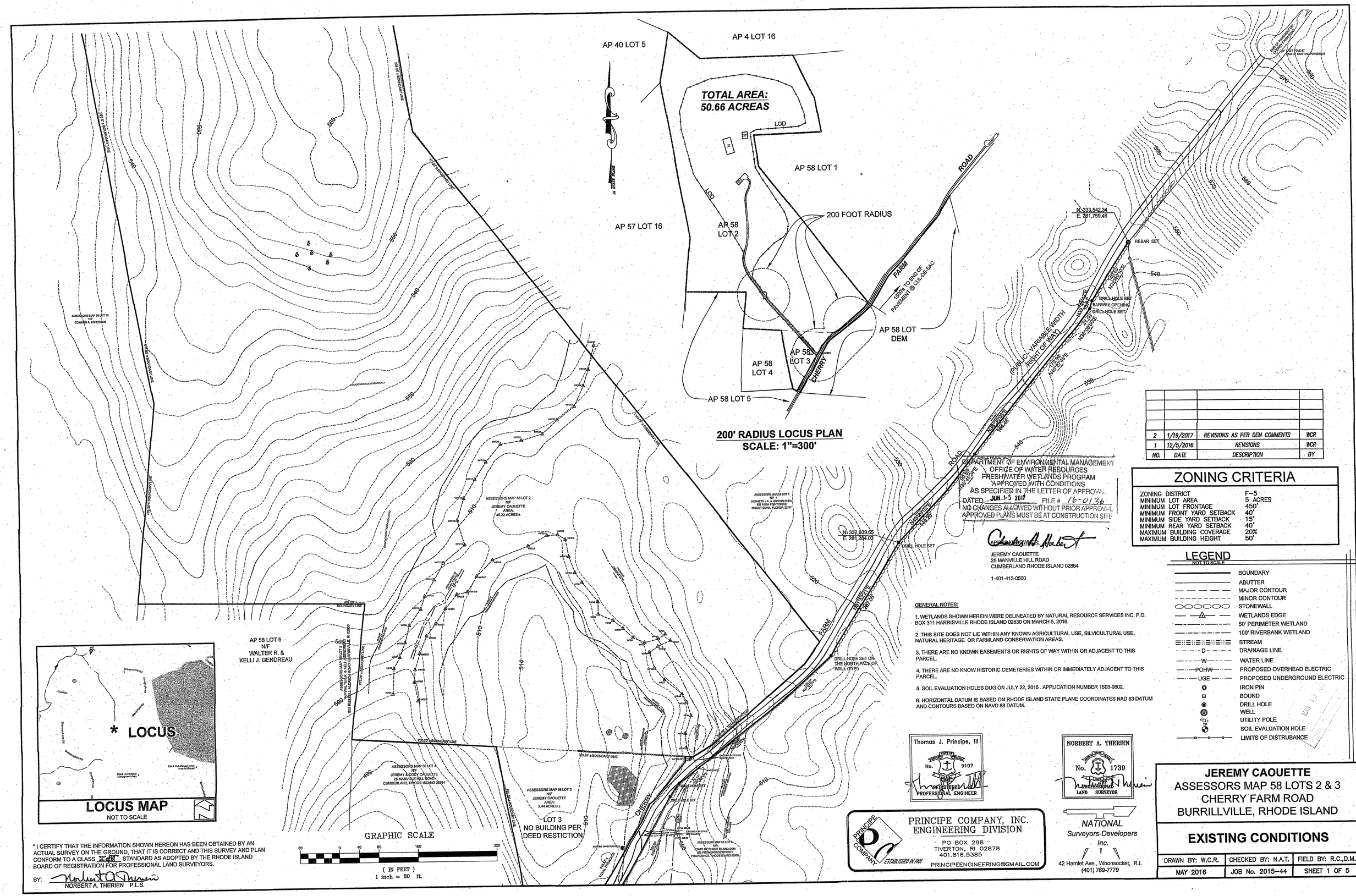

200' RADIUS LOCUS PLAN
SCALE: 1"=300'

NO.	DATE	DESCRIPTION	BY
2	1/19/2017	REVISIONS AS PER DEM COMMENTS	WCR
1	12/5/2016	REVISIONS	WCR

ZONING CRITERIA

ZONING DISTRICT	F-5
MINIMUM LOT AREA	5 ACRES
MINIMUM LOT FRONTAGE	450'
MINIMUM FRONT YARD SETBACK	40'
MINIMUM SIDE YARD SETBACK	15'
MINIMUM REAR YARD SETBACK	40'
MAXIMUM BUILDING COVERAGE	20%
MAXIMUM BUILDING HEIGHT	50'

LEGEND
NOT TO SCALE

- BOUNDARY
- ABUTTER
- MAJOR CONTOUR
- MINOR CONTOUR
- STONEWALL
- WETLANDS EDGE
- 50' PERIMETER WETLAND
- 100' RIVERBANK WETLAND
- STREAM
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- W — WATER LINE
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- IRON PIN
- BOUND
- DRILL HOLE
- WELL
- UTILITY POLE
- SOIL EVALUATION HOLE
- LIMITS OF DISTRUBANCE

GENERAL NOTES:

1. WETLANDS SHOWN HEREIN WERE DELINEATED BY NATURAL RESOURCE SERVICES INC. P.O. BOX 311 HARRISVILLE RHODE ISLAND 02830 ON MARCH 5, 2016.

2. THIS SITE DOES NOT LIE WITHIN ANY KNOWN AGRICULTURAL USE, SILVICULTURAL USE, NATURAL HERITAGE OR FARMLAND CONSERVATION AREAS.

3. THERE ARE NO KNOWN EASEMENTS OR RIGHTS OF WAY WITHIN OR ADJACENT TO THIS PARCEL.

4. THERE ARE NO KNOW HISTORIC CEMETERIES WITHIN OR IMMEDIATELY ADJACENT TO THIS PARCEL.

5. SOIL EVALUATION HOLES DUG ON JULY 22, 2015 . APPLICATION NUMBER 1503-0602.

6. HORIZONTAL DATUM IS BASED ON RHODE ISLAND STATE PLANE COORDINATES NAD 83 DATUM AND CONTOURS BASED ON NAVD 88 DATUM.

" I CERTIFY THAT THE INFORMATION SHOWN HEREON HAS BEEN OBTAINED BY AN ACTUAL SURVEY ON THE GROUND, THAT IT IS CORRECT AND THIS SURVEY AND PLAN CONFORM TO A CLASS V-SUR STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

BY: NORBERT A. THERIEN P.L.S.

JEREMY CAOUETTE
ASSESSORS MAP 58 LOTS 2 & 3
CHERRY FARM ROAD
BURRILLVILLE, RHODE ISLAND

EXISTING CONDITIONS

DRAWN BY: W.C.R.	CHECKED BY: N.A.T.	FIELD BY: R.C.,D.M.
MAY 2016	JOB No. 2015-44	SHEET 1 OF 5

\\Plot\C\NATIONAL 2017\2015-44\dwg\2015-44-REV-D.dwg, sheet 1 existing, 1:1

RIDEM COPY
PLANS FOR NOTICE

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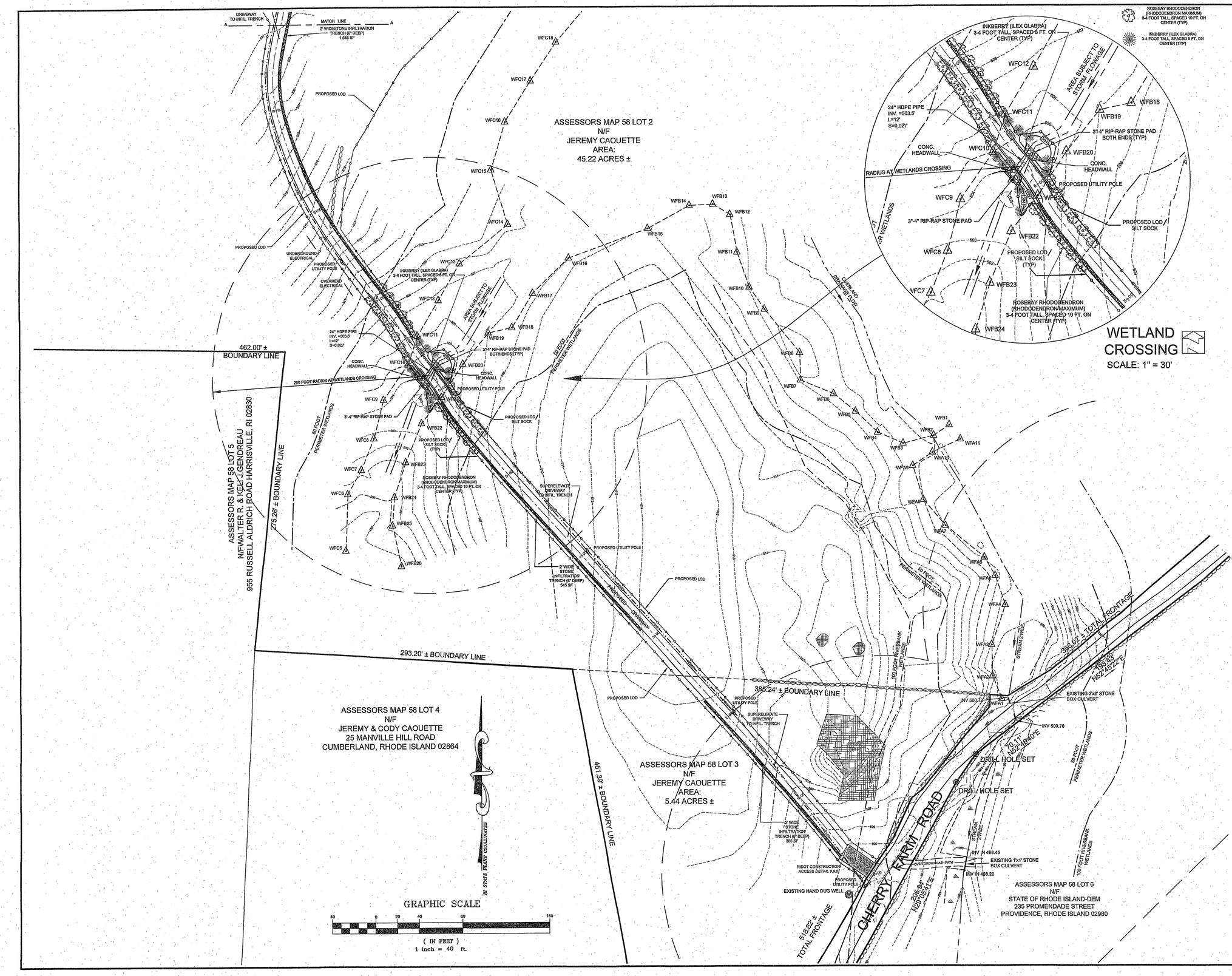

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 15 2017 FILE # 16-0136
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Charles A. Horbert

Thomas J. Principe, III
No. 9107
REGISTERED PROFESSIONAL ENGINEER

PRINCIPE COMPANY, INC.
ENGINEERING DIVISION
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TIVERTON, RI 02878
401.816.5385
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ESTABLISHED IN 1981

NORBERT A. THERIEN
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42 Hamlet Ave., Woonsocket, R.I.
(401) 769-7779

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ASSESSORS MAP 58 LOTS 2 & 3
CHERRY FARM ROAD
BURRILLVILLE, RHODE ISLAND

PROPOSED CONDITIONS

DRAWN BY: W.C.R.	CHECKED BY: N.A.T.	FIELD BY: R.C.,D.M.
MAY 2016	JOB No. 2015-44	SHEET 2 OF 5

\\Plot\C\NATIONAL 2017\2015-44\dwg\2015-44-REV-D.dwg, sheet 2 proposed, 1:1

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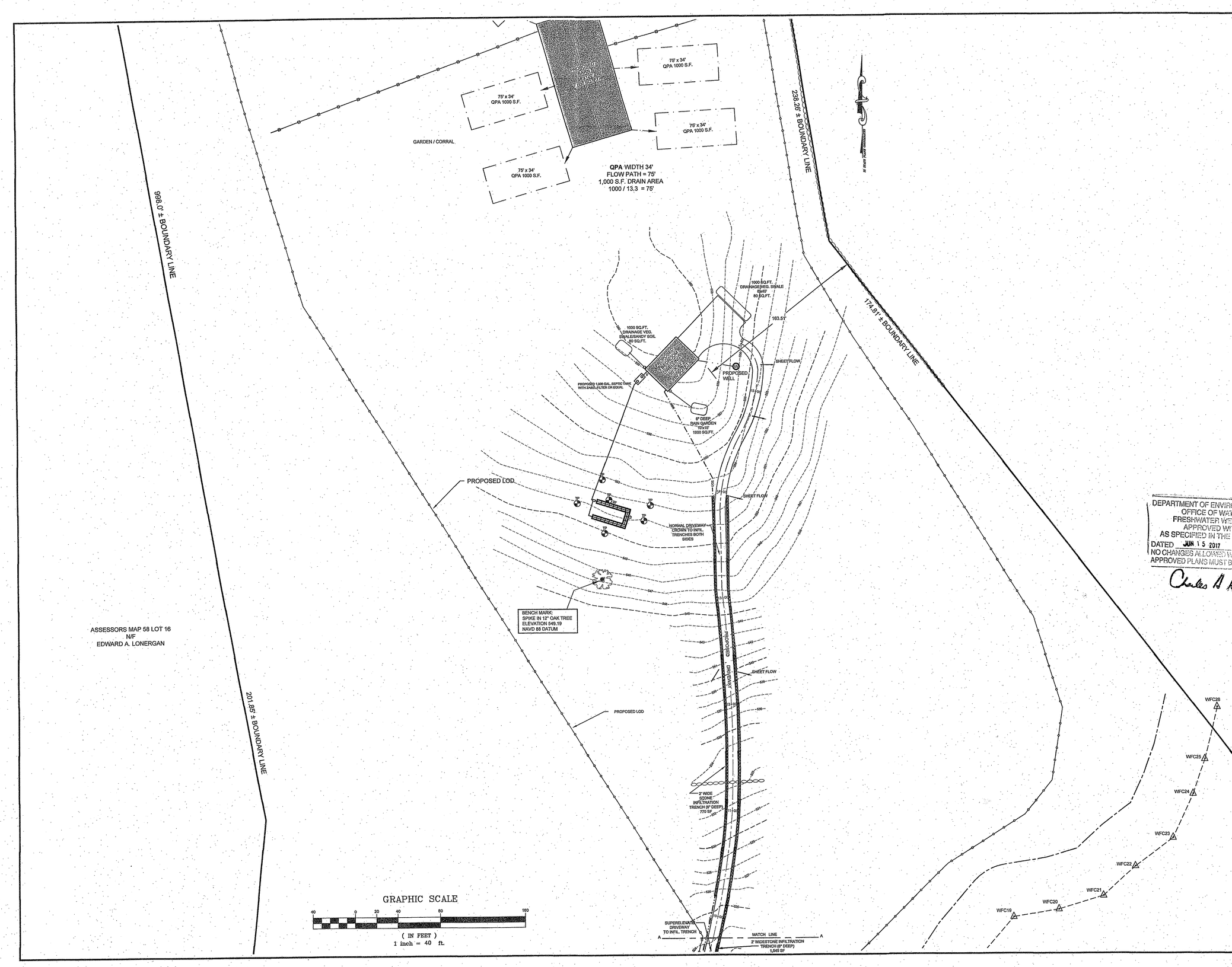

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JUN 15 2017 FILE # 16-013
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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Charles A. Horbert

MAR 13 2017

Thomas J. Principe, III
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PROPOSED CONDITIONS

DRAWN BY: W.C.R.	CHECKED BY: N.A.T.	FIELD BY: R.C.,D.M.
MAY 2016	JOB No. 2015-44	SHEET 3 OF 5

\\Plot\C\NATIONAL 2017\2015-44\dwg\2015-44-REV-D.dwg, sheet 3 proposed, 1:1

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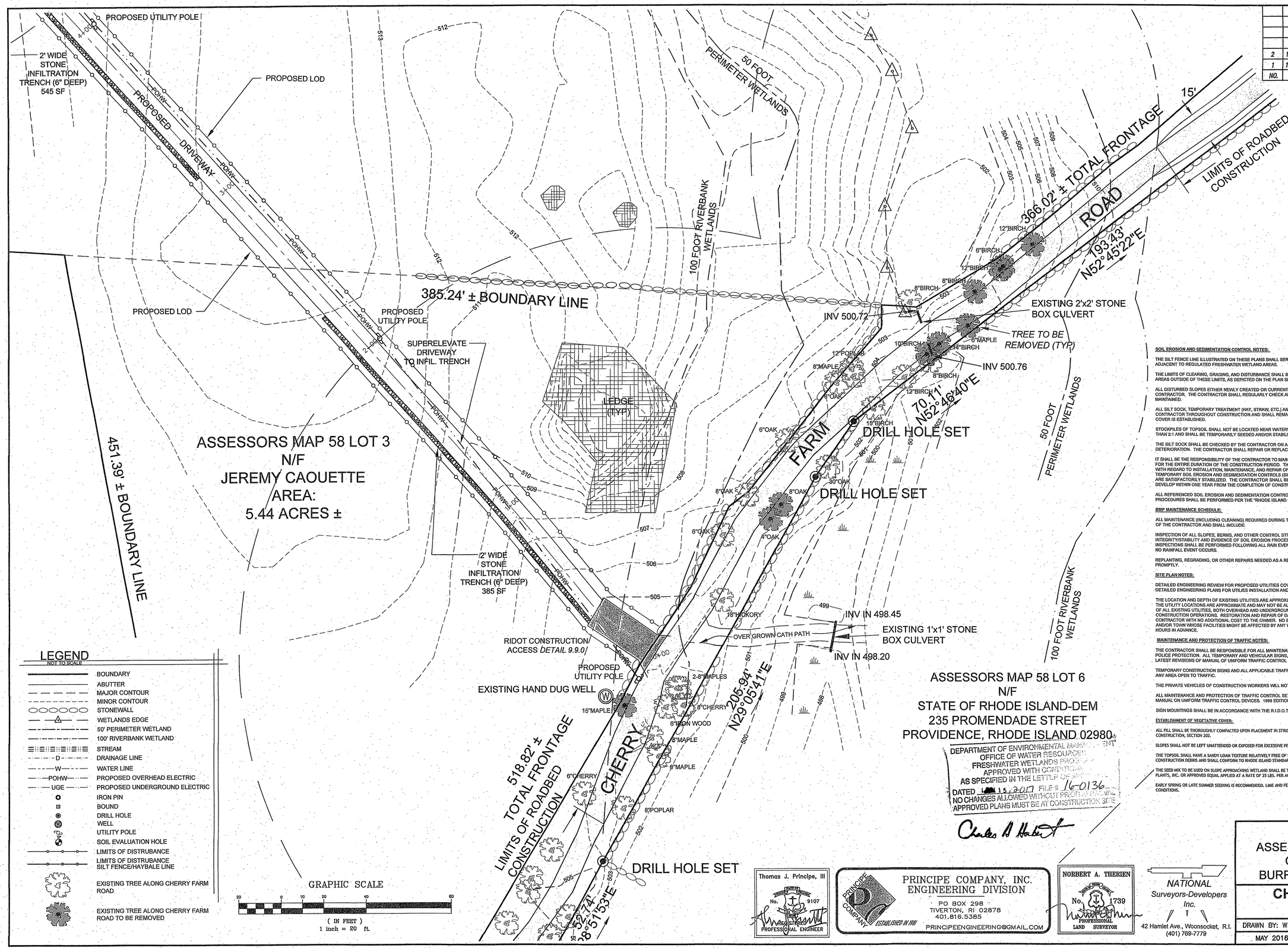

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- LIMITS OF DISTRUBANCE
- LIMITS OF DISTRUBANCE SILT FENCE/HAYBALE LINE
- EXISTING TREE ALONG CHERRY FARM ROAD
- EXISTING TREE ALONG CHERRY FARM ROAD TO BE REMOVED

SOIL EROSION AND SEDIMENTATION CONTROL NOTES:

THE SILT FENCE LINE ILLUSTRATED ON THESE PLANS SHALL SERVE AS THE STRICT LIMIT OF DISTURBANCE FOR THE PROJECT WITHIN OR ADJACENT TO REGULATED FRESHWATER WETLAND AREAS.

THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PLAN SHALL BE TOTALLY UNDISTURBED, TO REMAIN IN NATURAL CONDITION.

ALL DISTURBED SLOPES EITHER NEWLY CREATED OR CURRENTLY EXPOSED SHALL BE SEEDED, PROTECTED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL REGULARLY CHECK ALL SEEDED AREAS TO ENSURE THAT A GOOD STAND OF VEGETATION IS MAINTAINED.

ALL SILT SOCK, TEMPORARY TREATMENT (HAY, STRAW, ETC.) AND TEMPORARY EROSION PROTECTION SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.

STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS OR WETLAND EDGES. THEY SHALL HAVE SIDE SLOPES OF NO GREATER THAN 2:1 AND SHALL BE TEMPORARILY SEEDED AND/OR STABILIZED PER CONTRACT SPECIFICATIONS.

THE SILT SOCK SHALL BE CHECKED BY THE CONTRACTOR ON A WEEKLY BASIS AND AFTER EACH STORM FOR UNDERMINING OR DETERIORATION. THE CONTRACTOR SHALL REPAIR OR REPLACE EROSION CONTROLS AS NEEDED.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROLS ON THE PROJECT SITE FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL FOLLOW THE DIRECTION OF THE RESIDENT ENGINEER WITH REGARD TO INSTALLATION, MAINTENANCE, AND REPAIR OF ALL SOIL EROSION AND SEDIMENTATION CONTROLS ON THE PROJECT SITE. TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROLS (SILT SOCK, SILT FENCE, ETC.) SHALL BE MAINTAINED UNTIL ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR RESEEDING ALL AREAS THAT DO NOT DEVELOP WITHIN ONE YEAR FROM THE COMPLETION OF CONSTRUCTION.

ALL REFERENCED SOIL EROSION AND SEDIMENTATION CONTROLS INCLUDING MATERIALS USED, APPLICATION RATES AND THE INSTALLATION PROCEDURES SHALL BE PERFORMED PER THE "RHODE ISLAND EROSION AND SEDIMENTATION HANDBOOK", DATED 1993.

BMP MAINTENANCE SCHEDULE:

ALL MAINTENANCE (INCLUDING CLEANING) REQUIRED DURING THE CONSTRUCTION PHASE OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL INCLUDE:

INSPECTION OF ALL SLOPES, BERMS, AND OTHER CONTROL STRUCTURES (INCLUDING ROADWAY SIDE SLOPES, FOR STRUCTURAL INTEGRITY/STABILITY AND EVIDENCE OF SOIL EROSION PROCESSES, AND MAINTENANCE OF THESE STRUCTURES IF NECESSARY. INSPECTIONS SHALL BE PERFORMED FOLLOWING ALL RAIN EVENTS OF ½ INCH RAINFALL OR MORE IN A 24-HOUR PERIOD, OR BI-MONTHLY IF NO RAINFALL EVENT OCCURS.

REPLANTING, REGRADING, OR OTHER REPAIRS NEEDED AS A RESULT OF SOIL EROSION AND SEDIMENTATION PROCESSES SHALL BE DONE PROMPTLY.

SITE PLAN NOTES:

DETAILED ENGINEERING REVIEW FOR PROPOSED UTILITIES COVERED UNDER SEPERATE SUBMISSION, TO GOVERNING AGENCIES. THE DETAILED ENGINEERING PLANS FOR UTILIES INSTALLATION AND CONNECTION HAVE NOT BEEN PROVIDED UNDER THIS SUBMISSION.

THE LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE LATEST AVAILABLE INFORMATION. THE UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH OVERHEAD AND UNDERGROUND, AND "DIG-SAFE" MUST BE NOTIFIED PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS. RESTORATION AND REPAIR OF DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER. NO EXCAVATION SHALL COMMENCE UNTIL ALL INVOLVED UTILITY COMPANIES AND/OR TOWN WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK TO BE PERFORMED BY THE CONTRACTOR ARE NOTIFIED AT LEAST 72 HOURS IN ADVANCE.

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING POLICE PROTECTION. ALL TEMPORARY AND VEHICULAR SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST REVISIONS OF MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.)

TEMPORARY CONSTRUCTION SIGNS AND ALL APPLICABLE TRAFFIC CONTROL DIVIDES SHALL BE IN PLACE PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC.

THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS WILL NOT BE PARKED IN THE STATE RIGHT-OF-WAY.

ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS CHANNELING DEVICES, ETC, SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. 1989 EDITION. INCLUDING REVISION 3, SEPTEMBER 3, 1993 AND SUBSEQUENT ADDENDA.

SIGN MOUNTINGS SHALL BE IN ACCORDANCE WITH THE R.I.D.O.T. SPECIFICATIONS FOR TEMPORARY CONSTRUCTION SIGNS.

ESTABLISHMENT OF VEGETATIVE COVER:

ALL FILL SHALL BE THOROUGHLY COMPACTED UPON PLACEMENT IN STRICT CONFORMANCE WITH THE R.I. STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 202.

SLOPES SHALL NOT BE LEFT UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.

THE TOPSOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS AND SHALL CONFORM TO RHODE ISLAND STANDARD SPECIFICATION M.20.

THE SEED MIX TO BE USED ON SLOPE APPROACHING WETLAND SHALL BE THE NEW ENGLAND CONSERVATION/WILDLIFE MIX FROM NEW ENGLAND WETLAND PLANTS, INC., OR APPROVED EQUAL APPLIED AT A RATE OF 25 LBS. PER ACRE AND MULCHED WITH STRAW.

EARLY SPRING OR LATE SUMMER SEEDING IS RECOMMENDED. LIME AND FERTILIZE AS REQUIRED BY SOIL TESTING TO COMPLIMENT OR UPGRADE EXISTING CONDITIONS.

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JEREMY CAOUETTE
ASSESSORS MAP 58 LOTS 2 & 3
CHERRY FARM ROAD
BURRILLVILLE, RHODE ISLAND

CHERRY FARM ROAD DISTURBANCE

DRAWN BY: W.C.R.	CHECKED BY: N.A.T.	FIELD BY: R.C.,D.M.
MAY 2016	JOB No. 2015-44	SHEET 4 OF 5

\\Plot\C\NATIONAL 2017\2015-44\dwg\2015-44-REV-D.dwg, sheet 4, 1:1

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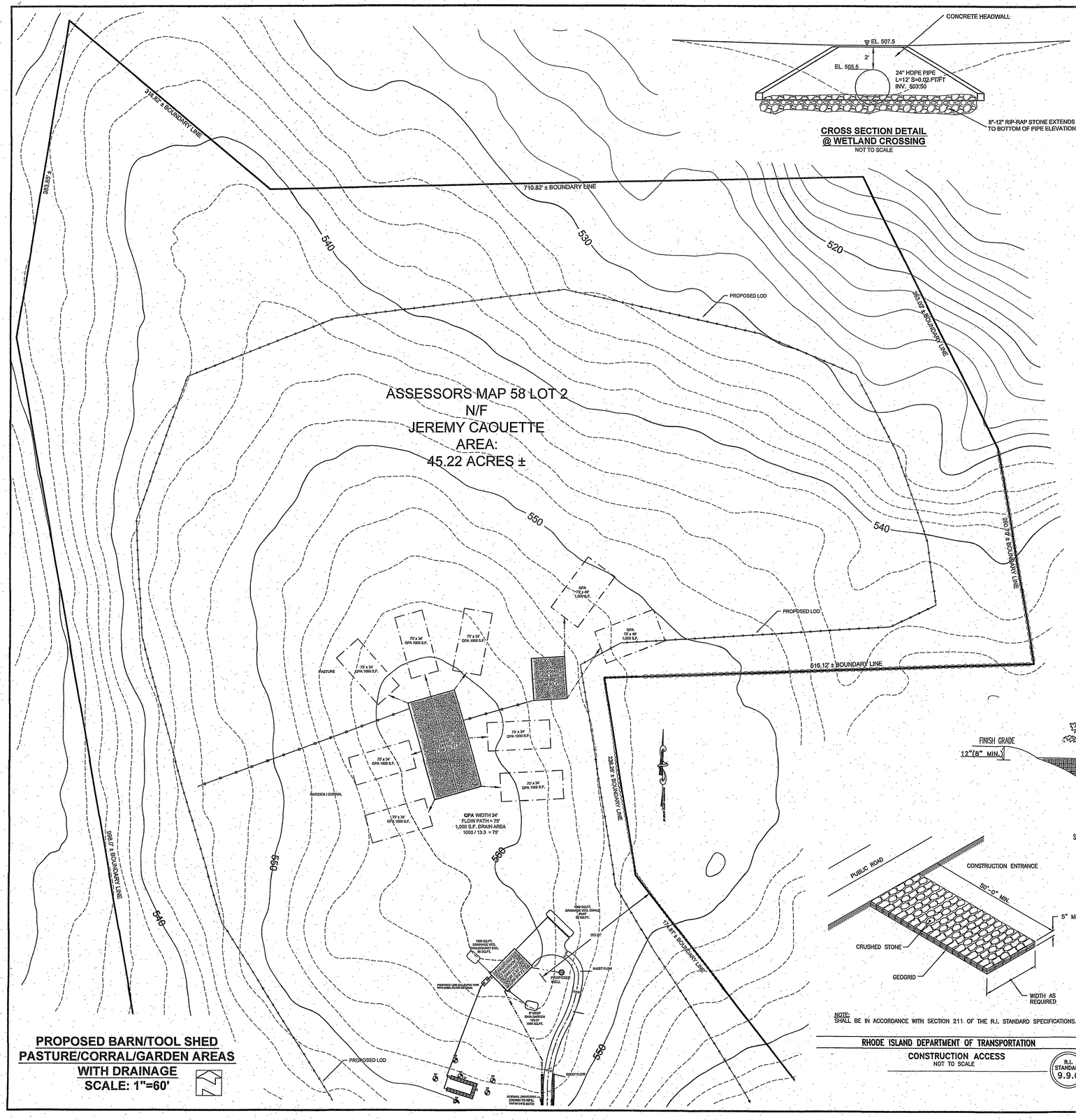
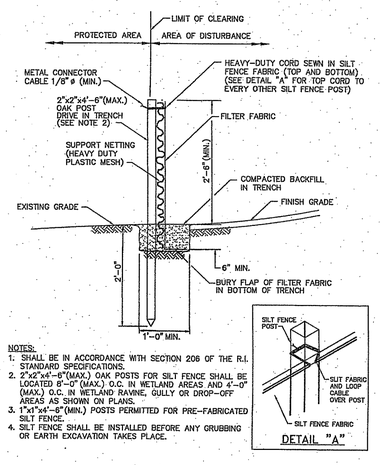
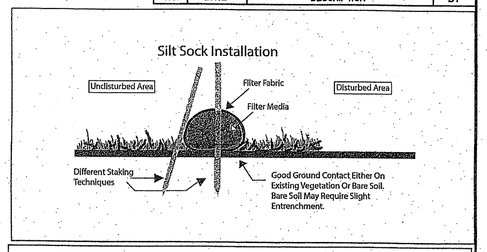


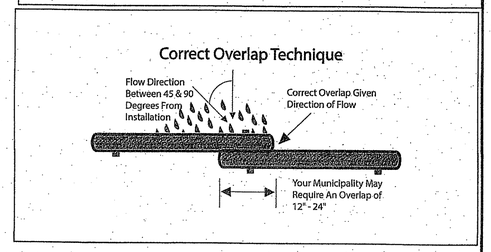


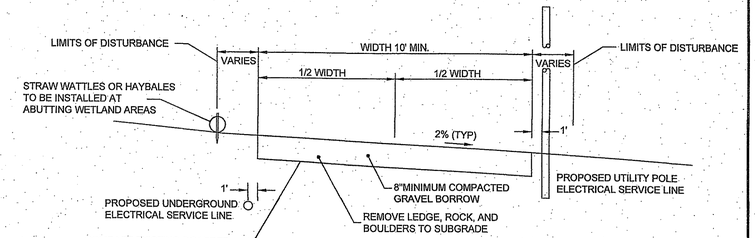
NOTES:
1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
2. 2"x2"x4'-6"(MAX.) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAX.) O.C. IN WETLAND AREAS AND 4'-0" (MAX.) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
3. 1"x1"x4'-6"(MIN.) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
4. SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.

SILT FENCE DETAIL

R.I. STANDARD 9.2.0







PROPOSED DRIVEWAY DETAIL
NOT TO SCALE

* UNIMPEDED SHEET FLOW ACROSS PROPOSED DRIVEWAY TO ALLOW EXISTING SURFACE FLOW.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS
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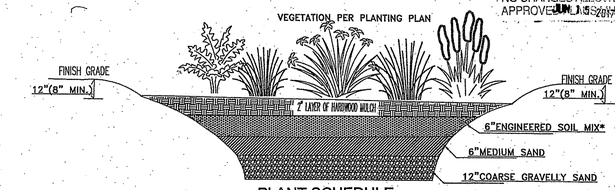
MAR 13 2017

RAINGARDEN CROSS SECTION
NOT TO SCALE



PLANT SCHEDULE

SYMBOL	SPECIES NAME	COMMON NAME
AD	ASTER DIVARICATUS	WHITE WOOD ASTER
CC	CAREX CRINITA	FRINGED SEDGE
CS	CAREX STRICTA	TUSSOCK SEDGE
IV	IRIS VERSICOLOR	BLUE FLAG IRIS
LC	LOBELIA CARDINALIS	CARDINAL FLOWER
MS	MATTEUCCIA STRUTHIOPTERIS	OSTRICH FERN
OC	OSMUNDA CINNAMOMEA	CINNAMON FERN
PC	PONTEDERIA CORDATA	PICKEREL PLANT

Tables 7. and 8. Rain Garden Sizing Guidance

Rain Garden Surface Area in Sandy Soils (Sands, Loamy Sands and Sandy Loams) (square feet)

Drainage Area (Square feet)	for 4 inch deep garden	for 6 inch deep garden	for 8 inch deep garden
100	19	15	8
200	38	30	16
300	57	45	24
400	76	60	32
500	95	75	40
600	114	90	48
700	133	105	56
800	152	120	64
900	171	135	72
1000	190	150	80

Rain Garden Surface Area in Silty Soils (Loams and Silt Loams) (square feet)

Drainage Area (Square feet)	for 4 inch deep garden	for 6 inch deep garden	for 8 inch deep garden
100	34	25	16
200	68	50	32
300	102	75	48
400	136	100	64
500	170	125	80
600	204	150	96
700	238	175	112
800	272	200	128
900	306	225	144
1000	340	250	160

NOTE:
SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
CONSTRUCTION ACCESS
NOT TO SCALE
R.I. STANDARD 9.9.0

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DETAILS
OUTBUILDINGS & DRAINAGE

DRAWN BY: W.C.R.	CHECKED BY: N.A.T.	FIELD BY: R.C.,D.M.
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\\Plot\C\NATIONAL 2017\2015-44\dwg\2015-44-REV-D.dwg, sheet 5 details, 1:1