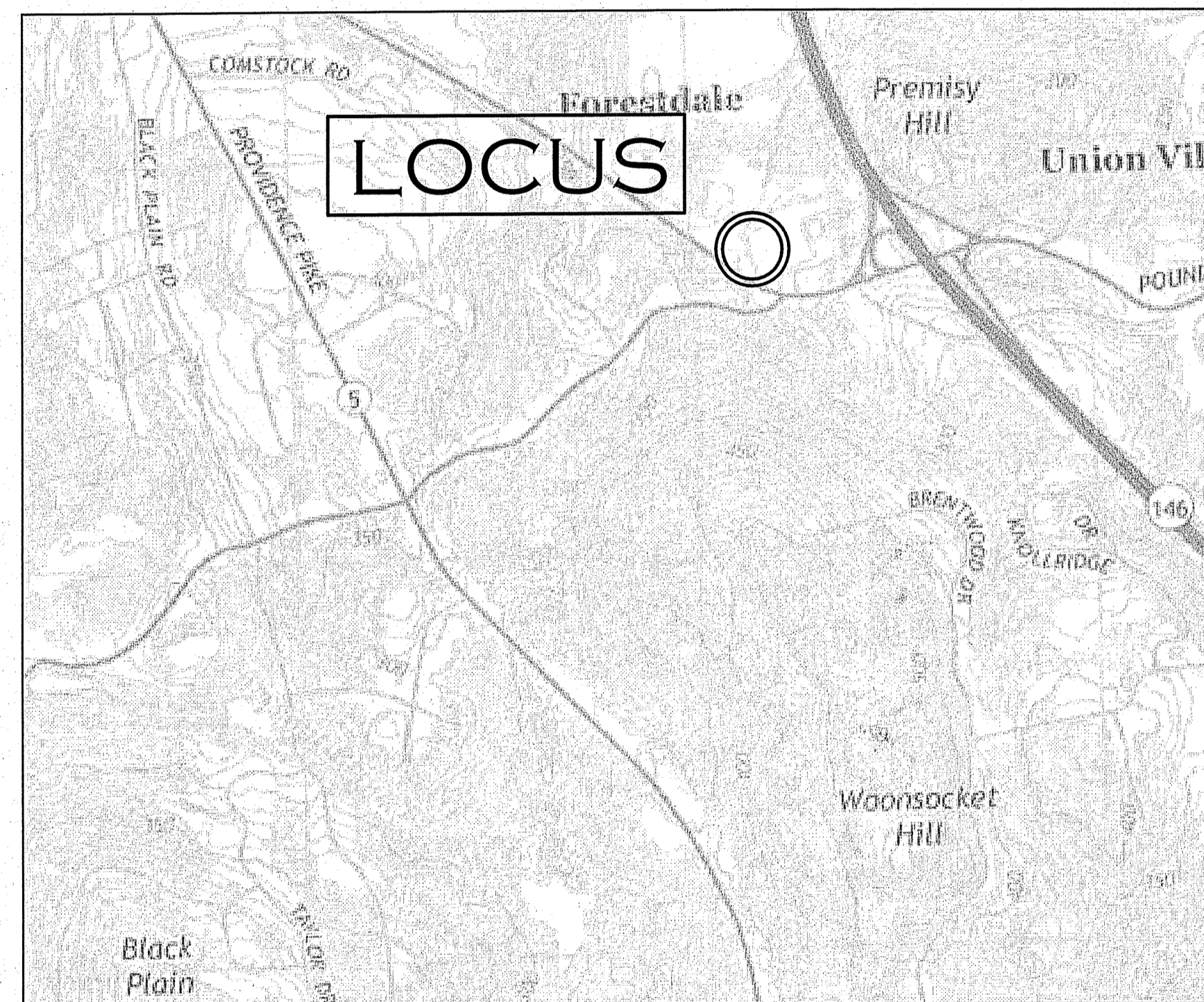


Proposed Site Plan of "BEEF BARN" in North Smithfield, Rhode Island 02896

Date: February 07, 2020



LOCATION MAP
NOT TO SCALE

SHEET #	DESCRIPTION
C-1	COVER SHEET
C-2	EXISTING CONDITIONS PLAN
C-3	LAYOUT AND PARKING PLAN
C-4	GRADING, UTILITY & DRAINAGE PLAN
C-5	EROSION CONTROL PLAN
C-6	DETAIL SHEET 1
C-7	DETAIL SHEET 2
C-8	DETAIL SHEET 3

NOTES:

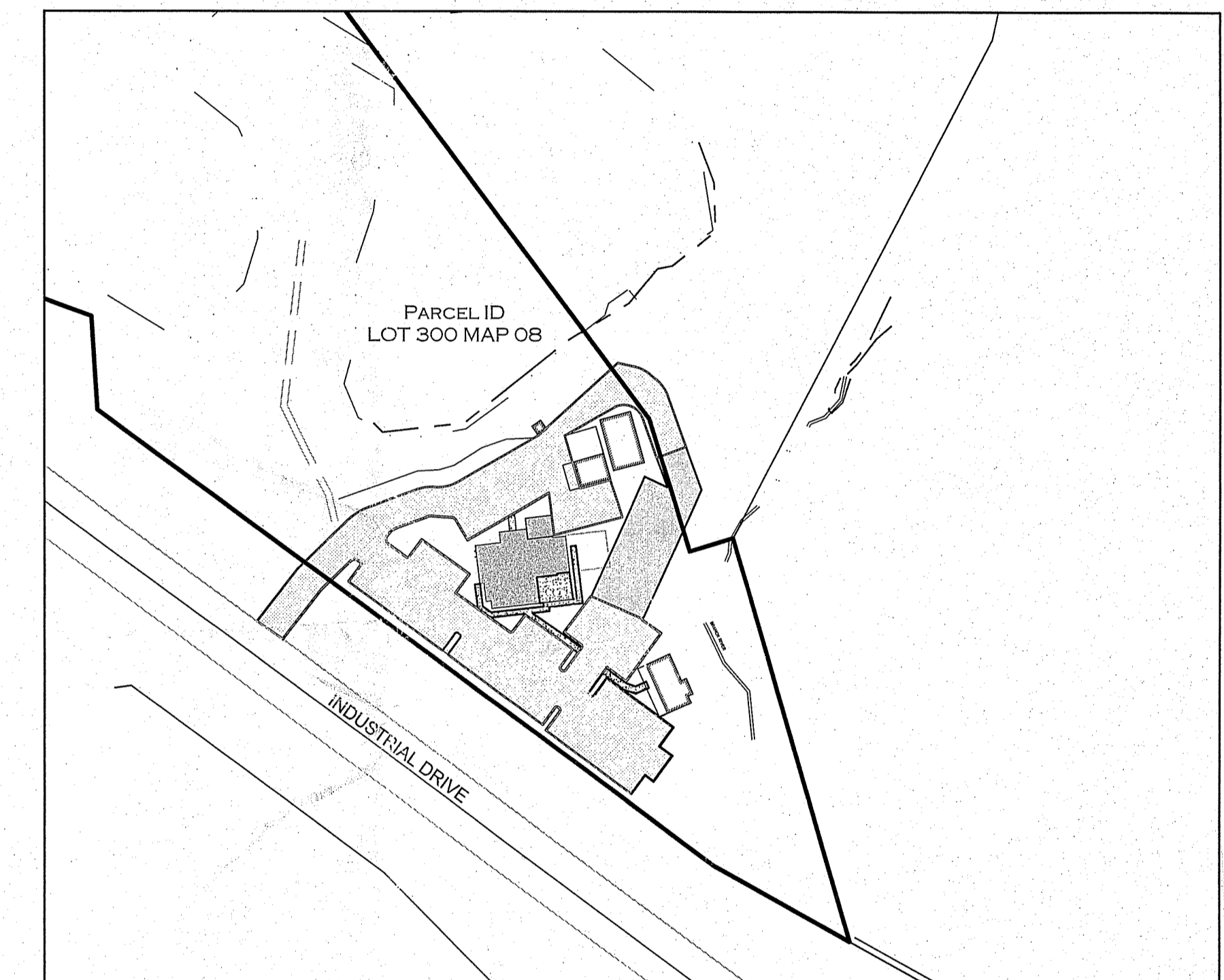
- LOCUS IS SHOWN ON N. SMITHFIELD ASSESSORS MAP 08 LOT 300
- PROJECT HORIZONTAL DATUM: RHODE ISLAND STATE PLANE COORDINATES NAD 1983 US FEET
- PROJECT VERTICAL DATUM: NAVD 1988
- A PORTION OF THE SITE FALLS WITHIN A SPECIAL FLOOD HAZARD ZONE "A" ACCORDING TO THE FLOOD INSURANCE MAP, COMMUNITY PANEL NUMBER 44007C0156G EFFECTIVE ON 03/02/2009.

OWNER:
POUND HILL REAL ESTATE CO, LLC
621 POUND HILL ROAD STE 107
N. SMITHFIELD RI 02896
DEED BOOK 372 PAGE 283

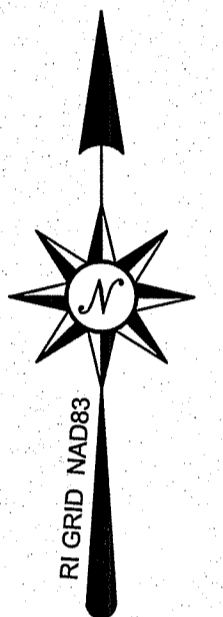
REFERENCES:
DEED BOOK 372 PAGE 283

ZONE CLASSIFICATION:
MANUFACTURING "M"

	LOT AREA	= NONE
	LOT WIDTH	= NONE
MINIMUM SETBACKS:	FRONT	= 40'
	SIDE	= 40'
	REAR	= 40'
	MAX HEIGHT	= 35'



SITE MAP
SCALE 1" = 250'



Martin D. Wencek
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED DEC 23 2020 FILE # 20-0071
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

TOWN OF N. SMITHFIELD
TOWN OF N. SMITHFIELD PLANNING BOARD
SITE PLAN APPROVAL

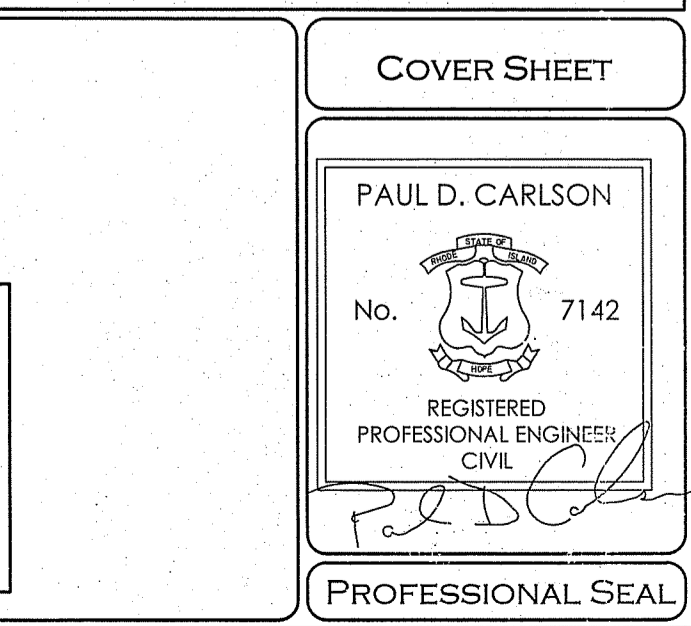
TOWN OF N. SMITHFIELD PLANNING BOARD
DATE APPROVED: _____

REVISION	DATE	COMMENTS
0	2-7-2020	SITE PLAN SUBMISSION
1	6-24-2020	RIDEM COMMENTS

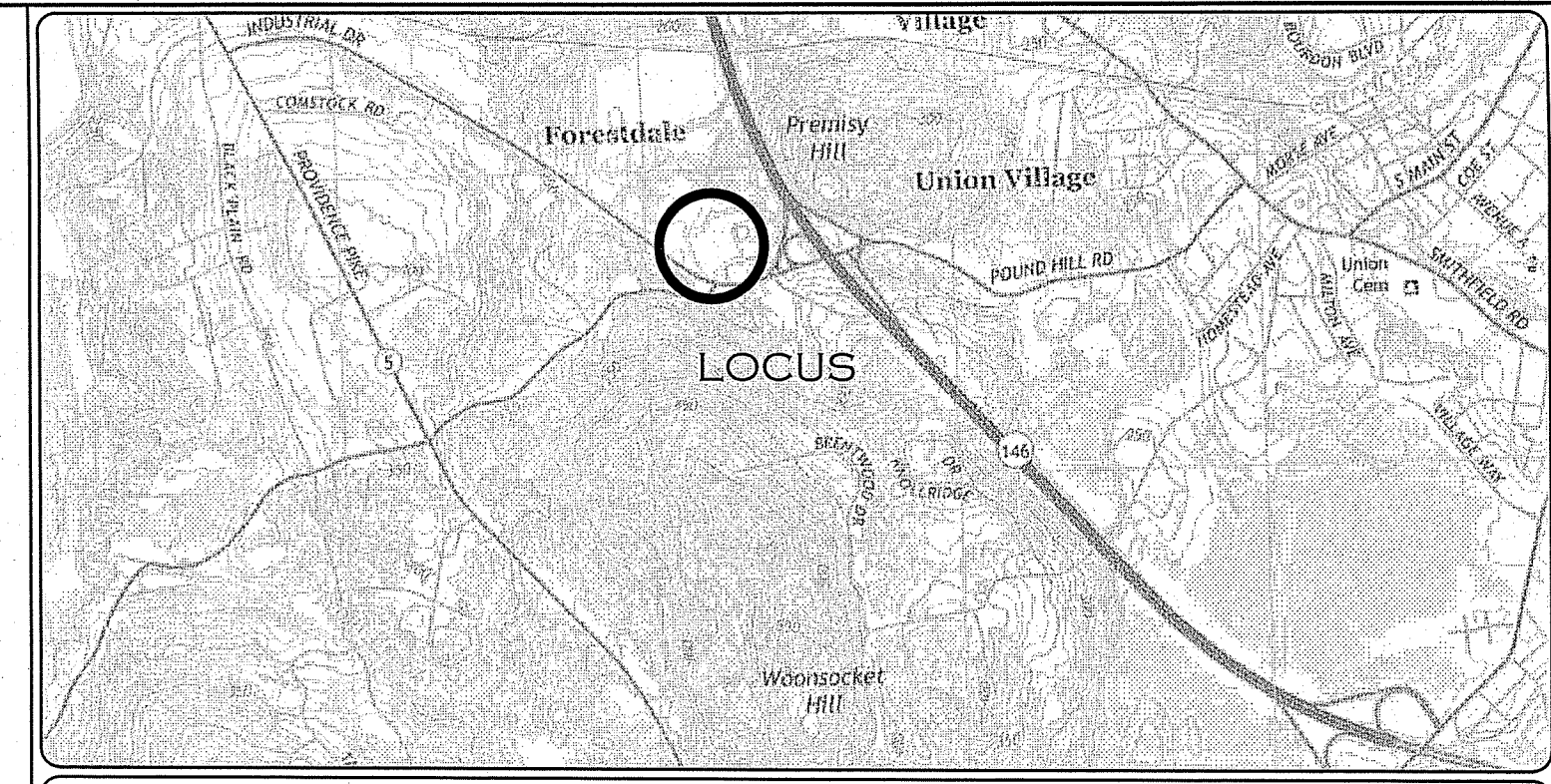
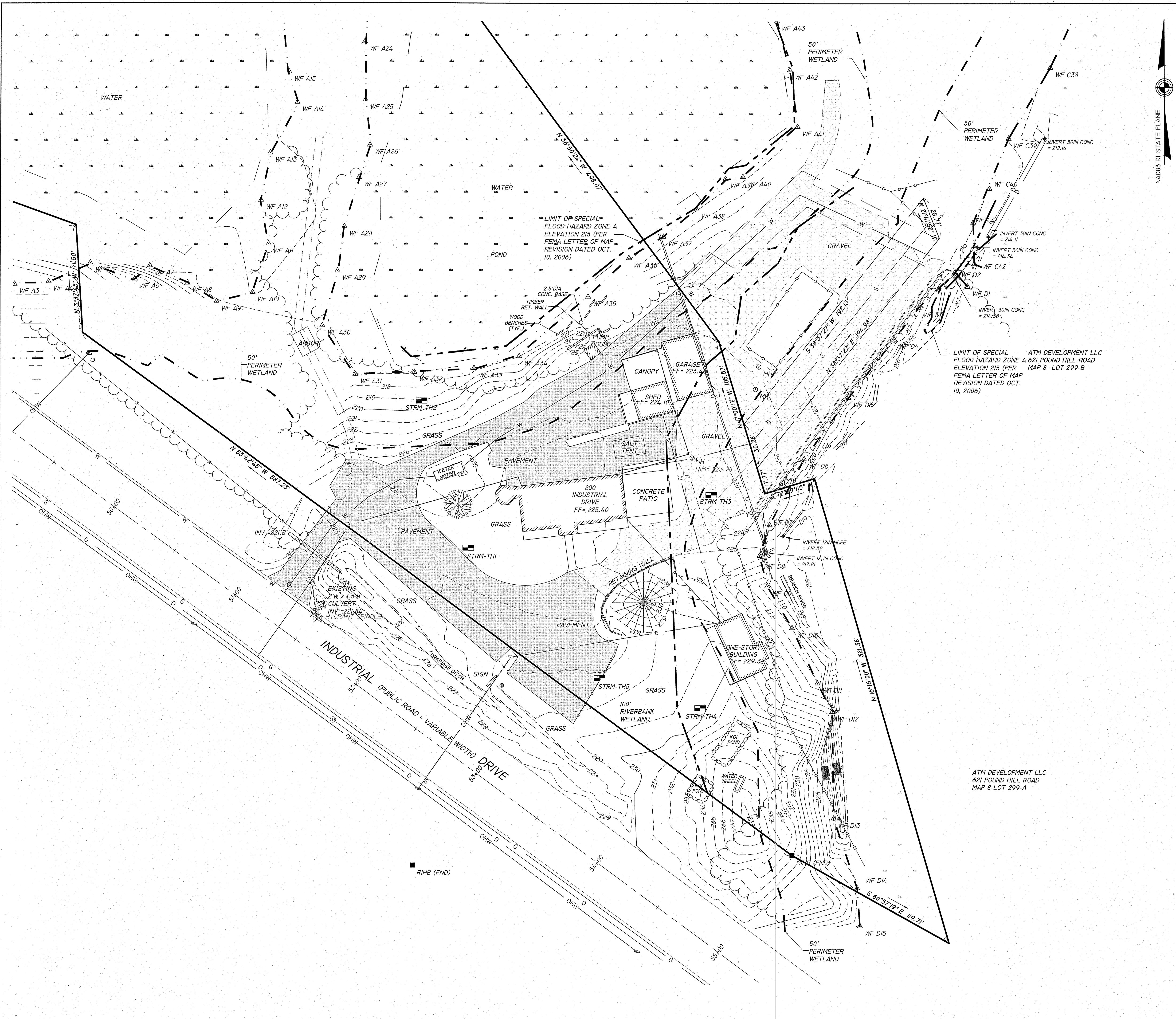


DIG-SAFE NOTE:

- CALL DIG-SAFE (TEL #1-888-DIG-SAFE) PRIOR TO ANY EXCAVATION
- POSSIBLE UNDERGROUND UTILITIES IN AREA. EXCAVATION CONTRACTOR TO CONTACT DIG-SAFE PRIOR TO EXCAVATION.



COVER SHEET			
"BEEF BARN" 200 INDUSTRIAL DRIVE, N SMITHFIELD, RI ASSESSORS MAP 8 LOT 300			
APPLICANT: MARC BRANCHAUD 200 INDUSTRIAL DRIVE, NORTH SMITHFIELD, RI			
JOB #: 19-048	SCALE: AS SHOWN	DRAWN BY: SES	DATE: FEBRUARY 07, 2020
REVISED: JUNE 24, 2020			
INSITE Engineering Services, LLC PROFESSIONAL ENGINEERS LAND SURVEYORS Precision. Clarity. Certainty.		InSite Professional Complex, Suite 1 1539 Fall River Avenue Seekonk, MA 02771 Phone: (508) 336-4500 Fax: (508) 336-4558 Web Address: InSiteEngineers.com	
			SHEET 1



LOCATION (NOT TO SCALE) MAP

- GENERAL NOTES:**
1. LOT SHOWN IS DESIGNATED AS LOT 300 ON ASSESSORS MAP 8.
 2. OWNER OF RECORD: - POUND HILL REAL ESTATE CO LLC
621 POUND HILL ROAD STE 107
N. SMITHFIELD, RI
 3. REFERENCE: DEED BOOK 372- PAGE 283.
 4. WETLANDS FLAGGED BY NATURAL RESOURCE SERVICES, INC. ON AUGUST 26, 2019
 5. PROPERTY LIES WITHIN A NATURAL HERITAGE AREA AND WITHIN A NON-COMMUNITY WELLHEAD PROTECTION AREA
 6. SITE IS LOCATED PARTIALLY WITHIN A FLOOD HAZARD ZONE A (WITHOUT BFE) AS SHOWN ON FIRM PANEL 44007C0156G EFFECTIVE DATE 3/02/2009
 7. VERTICAL CONTROL: NAVD 88
HORIZONTAL CONTROL: RI STATE PLANE COORDINATES NAD83 USFT
 8. UTILITIES SHOWN ARE COMPILED FROM RECORD PLANS AND OBSERVED DATA AND ARE APPROXIMATE ONLY.

ZONING DISTRICT:

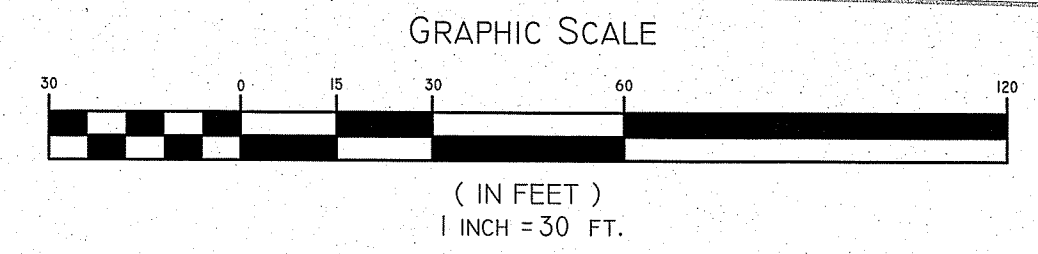
MANUFACTURING "M"
"GROUNDWATER AQUIFER" OVERLAY DISTRICT

MINIMUM SETBACKS	
FRONT	= 40'
SIDE	= 40'
REAR	= 40'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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Martin D. Wenczek

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



ATM DEVELOPMENT LLC
621 POUND HILL ROAD
MAP 8-LOT 299-A

EXISTING CONDITIONS PLAN

"BEEF BARN"
200 INDUSTRIAL DRIVE, N SMITHFIELD, RI
ASSESSORS MAP 8 LOT 300

APPLICANT: MARC BRANCHAUD
200 INDUSTRIAL DRIVE, NORTH SMITHFIELD, RI

JOB # 19-048 SCALE: 1" = 30' DRAWN BY: PDC DATE: FEBRUARY 7, 2020

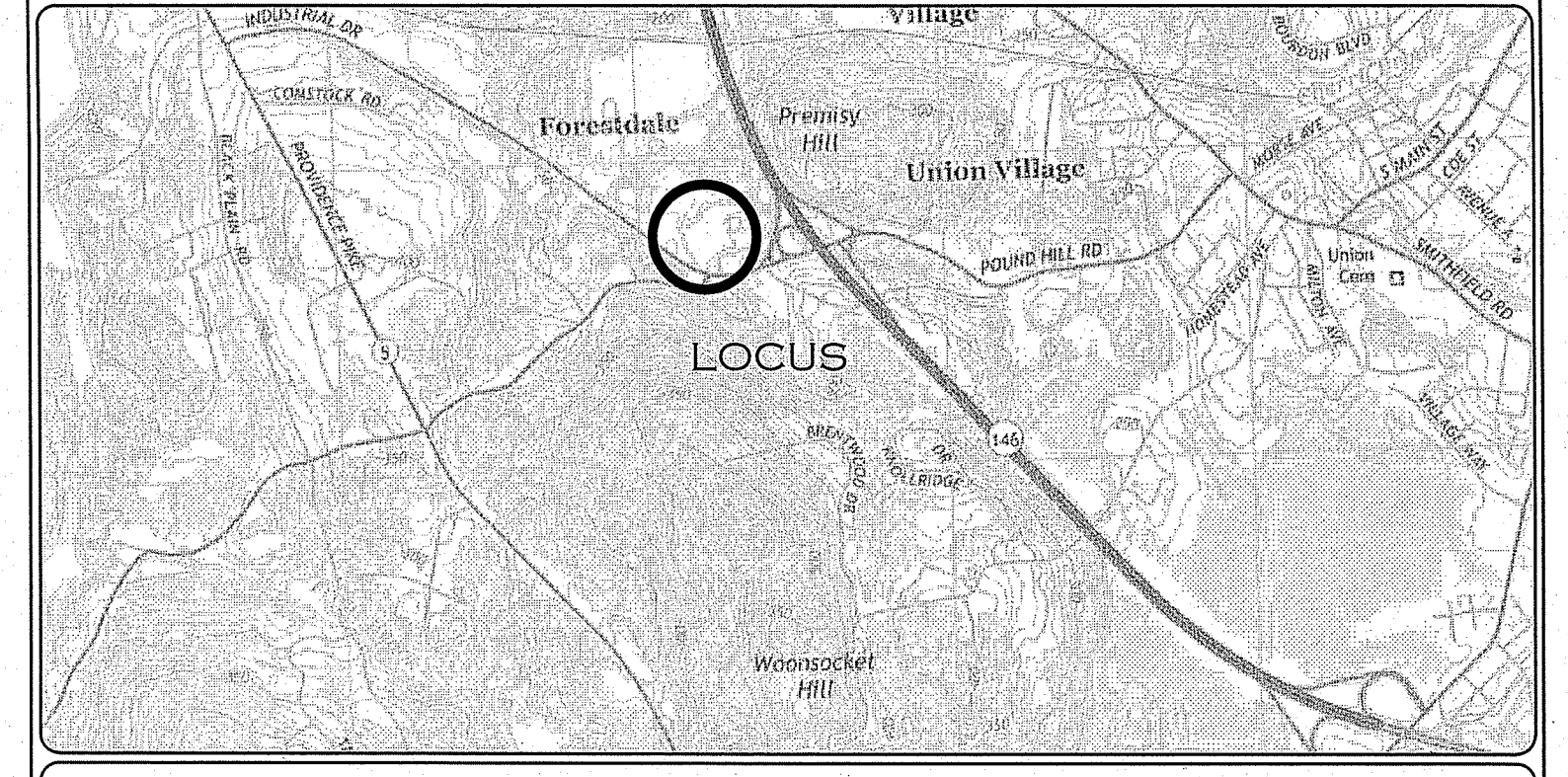
REVISED: JUNE 24, 2020

PAUL D. CARLSON
No. 7142
REGISTERED PROFESSIONAL ENGINEER CIVIL
PROFESSIONAL SEAL

INSITE Engineering Services, LLC
PROFESSIONAL ENGINEERS | LAND SURVEYORS
Precision. Clarity. Certainty.

InSite Professional Complex, Suite 1
1539 Fall River Avenue Seekonk, MA 02771
Phone: (508) 336-4500 Fax: (508) 336-4558
Web Address: InSiteEngineers.com

SHEET 2 OF 8



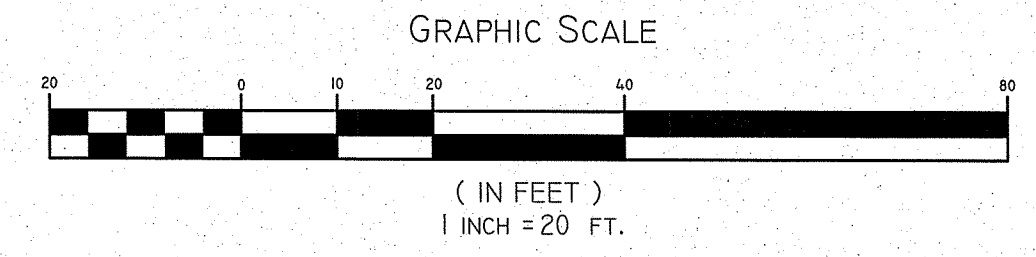
LOCATION (NOT TO SCALE) MAP

- GENERAL NOTES:**
- LOT SHOWN IS DESIGNATED AS LOT 300 ON ASSESSORS MAP 8.
 - OWNER OF RECORD: - POUND HILL REAL ESTATE CO LLC
621 POUND HILL ROAD STE 107
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 - SITE IS LOCATED PARTIALLY WITHIN A FLOOD HAZARD ZONE A (WITHOUT BFE) AS SHOWN ON FIRM PANEL 4.4007C0156G EFFECTIVE DATE 3/02/2009
 - VERTICAL CONTROL: NAVD 88
HORIZONTAL CONTROL: RI STATE PLANE COORDINATES NAD83 USFT

ZONING DISTRICT:
 MANUFACTURING "M"
 "GROUNDWATER AQUIFER" OVERLAY DISTRICT
 MINIMUM SETBACKS - FRONT = 40'
 SIDE = 40'
 REAR = 40'

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

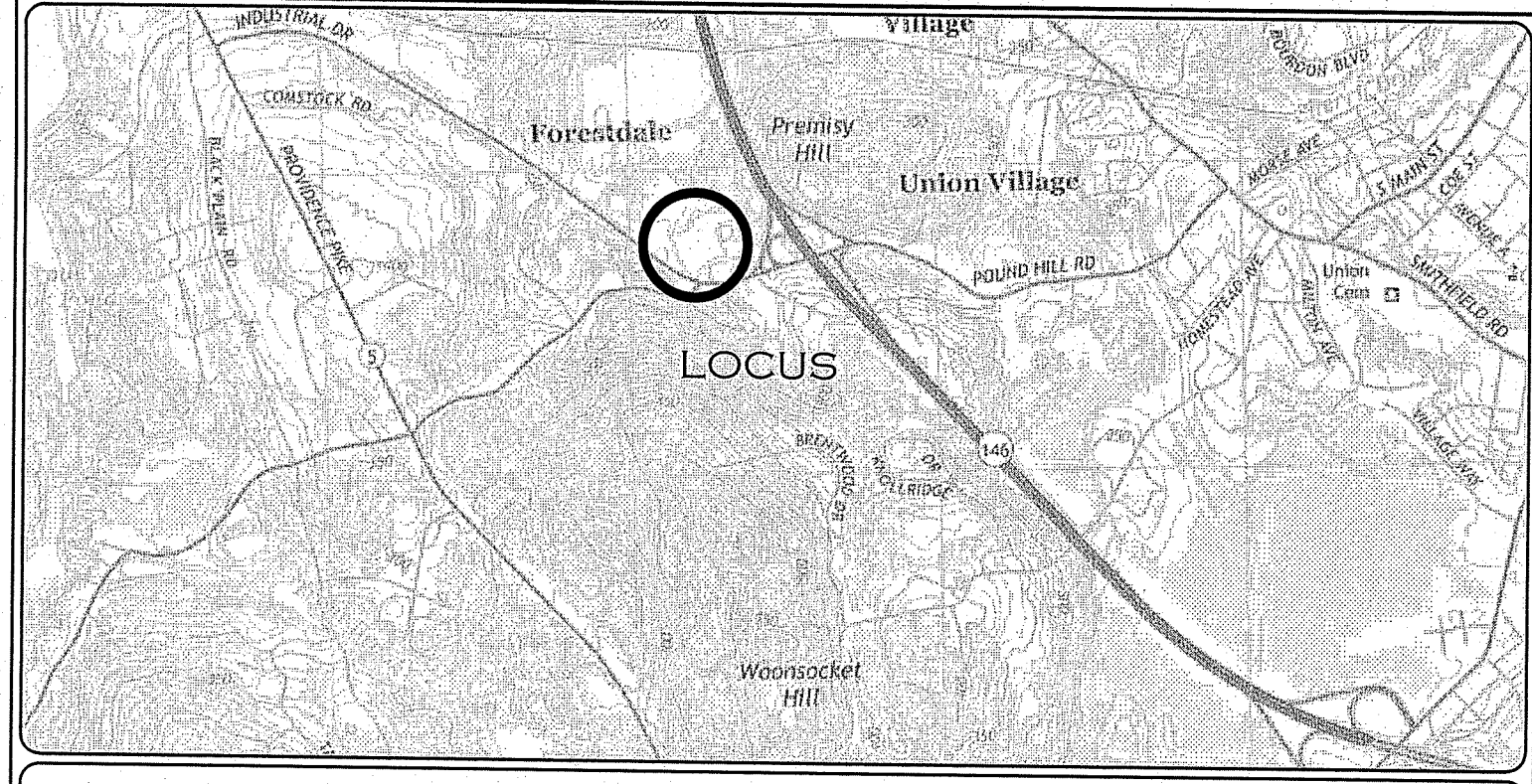
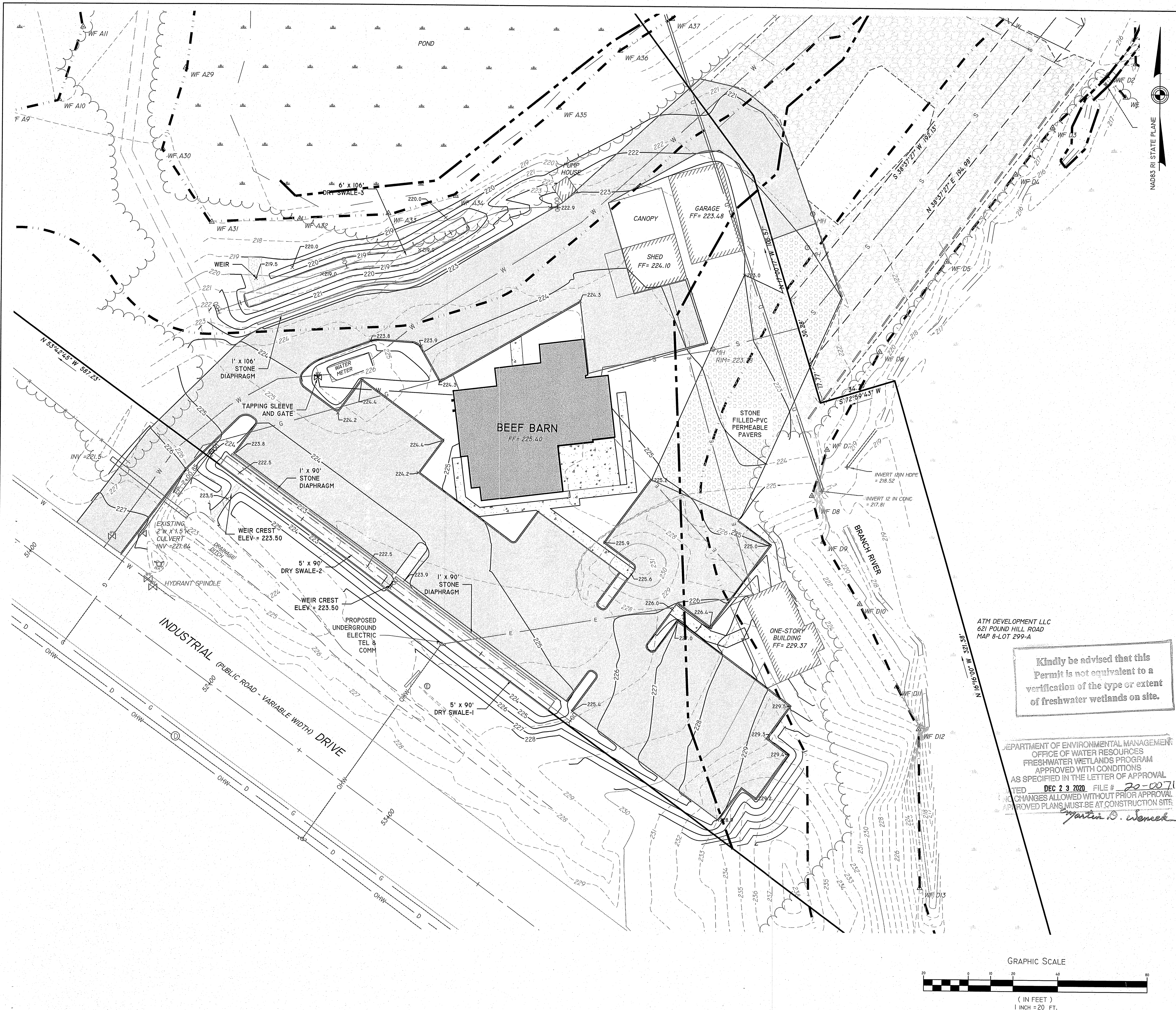
Matthew D. Seneck
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
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LAYOUT AND PARKING PLAN

	"BEEF BARN"		
	200 INDUSTRIAL DRIVE, N SMITHFIELD, RI ASSESSORS MAP 8 LOT 300		
	APPLICANT: MARC BRANCHAUD 200 INDUSTRIAL DRIVE, NORTH SMITHFIELD, RI		
	JOB # 19-048	SCALE: 1" = 20'	DATE: FEBRUARY 7, 2020
REVISED: JUNE 24, 2020			

	InSite Professional Complex, Suite 1 1539 Fall River Avenue Seekonk, MA 02771 Phone: (508) 336-4500 Fax: (508) 336-4558 Web Address: InSiteEngineers.com	SHEET 3 OF 8
	PROFESSIONAL ENGINEERS LAND SURVEYORS Precision. Clarity. Certainty.	



LOCATION (NOT TO SCALE) MAP

GENERAL NOTES:

1. THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS, PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME AND COORDINATE WITH THE OWNER AND THE ENGINEER. THE CONTRACTOR IS REQUIRED TO FILE ANY DOCUMENTS REQUIRED BY HAVERHILL CONSERVATION COMMISSION ORDER OF CONDITIONS.
2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THE CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AND/OR BARRIERS AROUND ALL OPEN EXCAVATED AREAS, AND CONDUCT ALL WORK IN ACCORDANCE WITH OSHA STANDARDS AND THE CITY OF HAVERHILL REQUIREMENTS.
3. CONTRACTOR SHALL PROVIDE EMERGENCY ACCESS FOR THE POLICE AND FIRE DEPARTMENTS AT ALL TIMES.
4. IF ANY DEVIATION OR ALTERATION OF THE WORK PROPOSED ON THESE DRAWINGS IS REQUIRED, THE CONTRACTOR IS TO IMMEDIATELY CONTACT AND COORDINATE WITH THE ENGINEER AND OWNER.
5. THE CONTRACTOR SHALL LIMIT COMPACTION DUE TO CONSTRUCTION ACTIVITIES TO THE LIMIT OF WORK AS DEFINED ON THE PLANS. ANY AREA OUTSIDE OF THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITIONS AT NO COST TO THE OWNER.
6. ALL EXISTING CONDITIONS SHOWN SHALL BE CONSIDERED APPROXIMATE AND BASED ON THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED.
7. SMOOTH TRANSITIONS SHALL OCCUR BETWEEN DIFFERENT MATERIALS. LEVEL CHANGES SHALL BE LESS THAN 1/4" AND BEVELED EDGES.
8. LOAM AND SEED ALL DISTURBED AREAS WITH 6" LOAM AND SEED MIX FOR LAWN AREAS, BEYOND AREAS USING SPECIFIC SEED MIX.
9. ALL CLEARING MATERIAL AND CONSTRUCTION DEBRIS TO BE REMOVED FROM THE SITE BY THE CONTRACTOR. THIS MATERIAL WILL BE PROPERLY DISPOSED OF OFF-SITE, AT NO ADDITIONAL COST TO THE OWNER.
10. EXISTING TOPSOIL AND GRAVEL TO BE REMOVED AND STOCKPILED IN AREAS APPROVED BY THE A/E. EROSION CONTROL MEASURES (HAY BALES) ARE TO BE PLACED AT THE TOE OF SLOPE IN STOCKPILE AREA TO PREVENT EROSION. THIS MATERIAL TO BE REUSED ON SITE.

DEMOLITION NOTES:

1. THE WORK DESCRIBED ON THE DEMOLITION PLAN IS THE GENERAL INTENT. THE CONTRACTOR SHALL INCLUDE IN THEIR BID ALL DEMOLITION WORK NECESSARY FOR THE PROPOSED IMPROVEMENTS.
2. ALL DEMOLITION SHALL BE COORDINATED WITH THE OWNER PRIOR TO START OF WORK.
3. ALL EXISTING FEATURES LABELED REMOVE SHALL BE REMOVED AND DISPOSED OF LEGALLY OFF SITE.
4. 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.
5. EXISTING PAVEMENT AREAS TO BE DEMOLISHED INCLUDE THOUGH ARE NOT LIMITED TO BITUMINOUS CONCRETE PAVEMENT, CONCRETE PAVEMENT, SUB BASE, CURBING, TRAFFIC SIGNS, AND OTHER ITEMS NOTED.

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ATM DEVELOPMENT LLC
621 POUND HILL ROAD
MAP 8-LOT 299-A

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
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Martin D. Senneker

GRADING AND UTILITIES PLAN

PAUL D. CARLSON
No. 7142
REGISTERED PROFESSIONAL ENGINEER
CIVIL
PDC
PROFESSIONAL SEAL

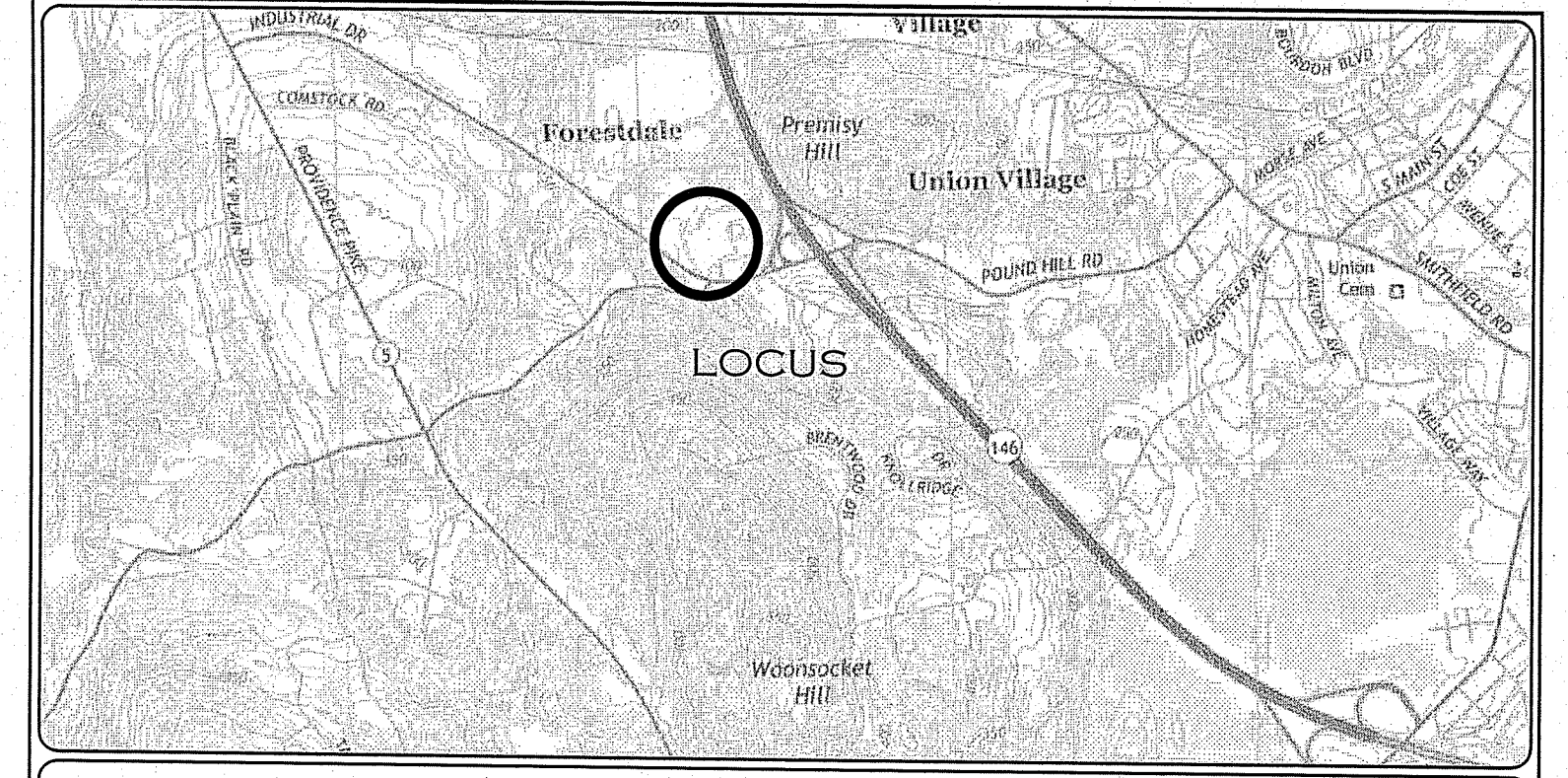
"BEEF BARN"
200 INDUSTRIAL DRIVE, N SMITHFIELD, RI
ASSESSORS MAP 8 LOT 300

APPLICANT: MARC BRANCHAUD
200 INDUSTRIAL DRIVE, NORTH SMITHFIELD, RI

JOB # 19-048 SCALE: 1" = 20' DRAWN BY: SES DATE: FEBRUARY 7, 2020
REVISED: JUNE 24, 2020

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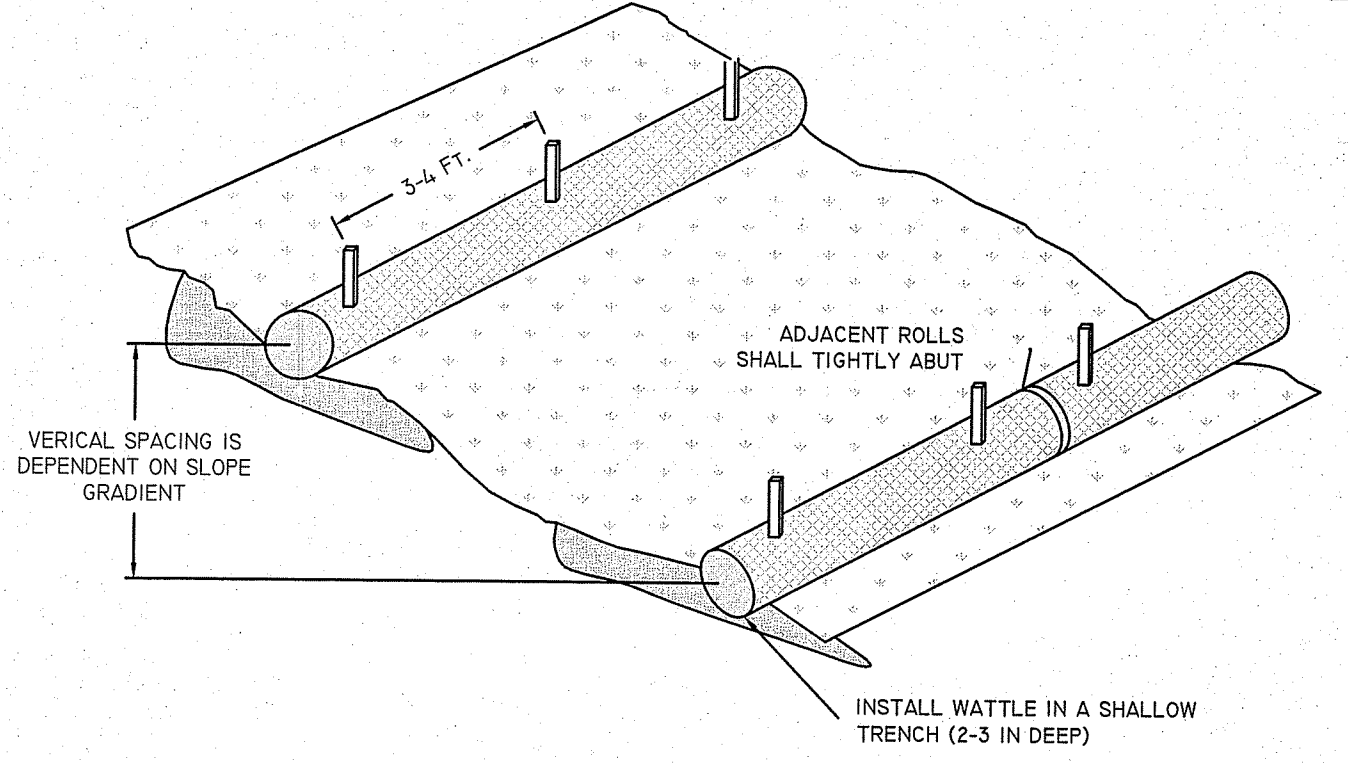


LOCATION (NOT TO SCALE) MAP

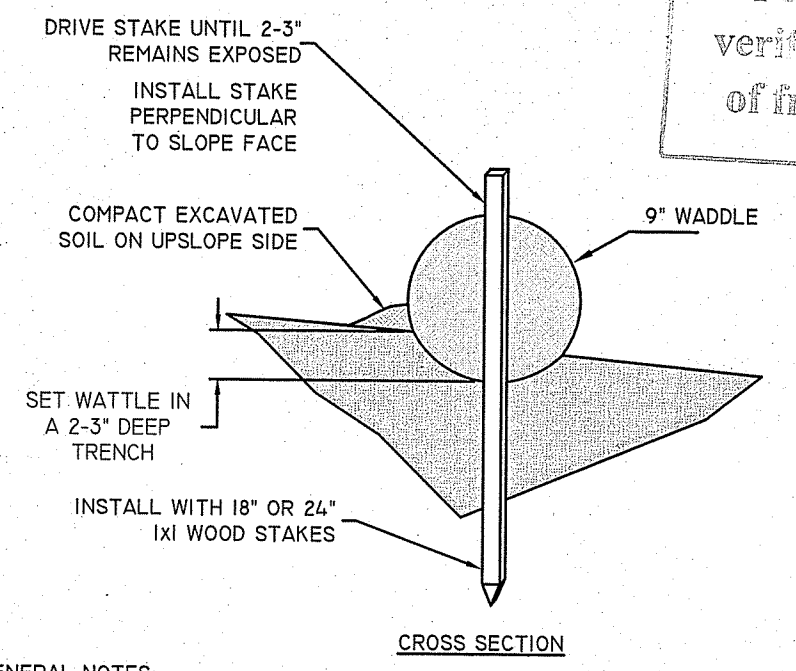
EROSION & SEDIMENT CONTROL NOTES:

1. EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. GRAVEL CONSTRUCTION ENTRANCE WILL BE INSTALLED BEFORE CONSTRUCTION TRAFFIC INTO AND OUT OF PROJECT AREA BEGINS. STABILIZATION OF ALL REGRADED AND SOIL STOCKPILE AREAS WILL BE INITIATED AND MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN OF BARRINGTON REGULATIONS. ALL EROSION CONTROL MEASURES ARE TO BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL DURING CONSTRUCTION.
3. ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING CONSTRUCTION PERIOD, IF DEEMED NECESSARY BY THE ENGINEER OR OWNERS REPRESENTATIVE.
4. ALL SLOPES GREATER THAN 4:1 SHALL INSTALL AN EROSION CONTROL BLANKET. THE PRODUCT SHALL BE INSTALLED TO MANUFACTURERS RECOMMENDATION AND APPROVED BY THE ENGINEER.
5. SEEDING MIXTURE FOR FINISHED GRASSED AREAS WILL BE AS DIRECTED IN LANDSCAPE NOTES NOT SEEDING SHALL BE STABILIZED WITH HAY BALE CHECK, FILTER FABRIC OR WOODEN MULCH AS REQUIRED TO CONTROL EROSION.
6. AREAS LEFT BARE BEFORE FINISH GRADING AND SEEDING IS ACHIEVED, SHALL RECEIVE A TEMPORARY SEEDING OF PERENNIAL RYE GRASS APPLIED TO A RATE OF 2 LBS / 1000 S.F. AT A DEPTH OF 1/2". LIMESTONE EQUIVALENT TO BE 50 % CALCIUM PLUS MAGNESIUM OXIDE) SHALL BE APPLIED AS SEEDBED PREPARATION AT A RATE OF 90 LBS / 1000 S.F. WHERE GRASS PREDOMINATES. FERTILIZER ACCORDING TO A SOIL TEST AT A MINIMUM APPLICATION RATE OF 1 LB OF NITROGEN PER 1000 S.F. AREAS TO BE LEFT BARE BEFORE FINISH GRADING AND SEEDING OUTSIDE OF PLANTING SEASONS SHALL RECEIVE AN AIR-DRIED WOOD CHIP MULCH, FREE OF COARSE MATTER, TREATED WITH 12 LBS NITROGEN PER TON, APPLIED AT A RATE OF 185-275 LBS / 1000 S.F.
7. CONTRACTOR SHALL BE ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND NOTIFY THE PROPER TOWN AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY.
8. THE CONTRACTOR SHALL REQUEST THE ENGINEER TO INSPECT AND APPROVE THE INSTALLATION OF ALL EROSION CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION. PERIODIC INSPECTIONS OF EROSION CONTROL MEASURES MAY BE PERFORMED BY THE ENGINEER, THE CONTRACTOR SHALL REPAIR, UPGRADE OR REPAIR ANY MEASURES THE ENGINEER MAY FEEL ARE IN NEED OF SUCH.
9. STOCKPILES OF SOIL SHALL BE SURROUNDED BY A SEDIMENT BARRIER. SOIL STOCKPILES TO BE LEFT BARE FOR MORE THAN FIFTEEN (15) DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION OR MULCH, IF STOCKPILES ARE TO REMAIN FOR MORE THAN SIXTY (60) DAYS, FILTER FABRIC SHALL BE USED IN PLACE OF HAY BALES. SIDE SLOPES SHALL NOT EXCEED 2:1.
10. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AND WIND EROSION THROUGHOUT THE LIFE OF HIS CONTRACT. DUST CONTROL SHALL INCLUDE BUT NOT LIMITED TO SPRINKLING WATER ON EXPOSED SOILS AND HAUL ROADS. CONTRACTOR SHALL CONTROL DUST TO PREVENT A HAZARD TO TRAFFIC ON ADJACENT ROADWAYS.
11. SEDIMENT SHALL BE REMOVED ONCE THE VOLUME REACHES 1/2 TO 1/3 THE HEIGHT OF THE SILT FENCE OR HAY BALE
12. ALL STOCKPILES SHALL BE SURROUNDED BY SEDIMENT CONTROLS
13. DISTURBED AREAS REMAINING IDLE FOR MORE THAN 14 DAYS SHALL BE STABILIZED.
14. ALL FACILITIES USED AS TEMPORARY MEASURES SHALL BE CLEANED PRIOR TO BEING PUT INTO FINAL OPERATION.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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DATED **Dec 23 2020** FILE # **20-0071**
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.
Martin D. Senech

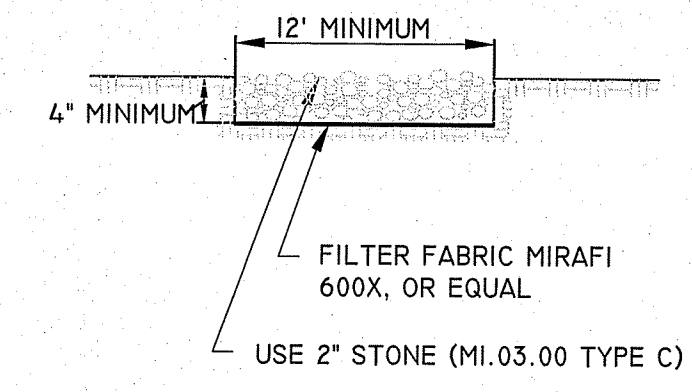
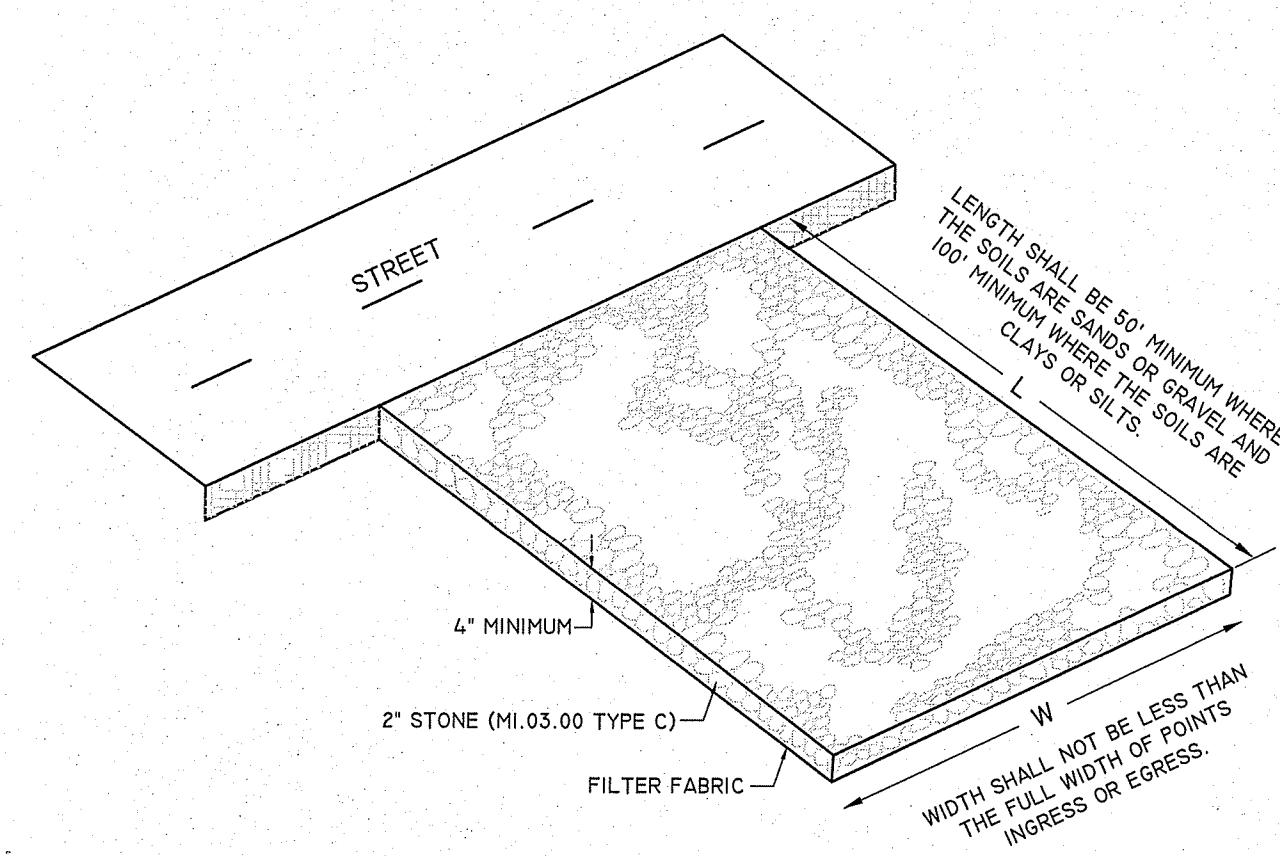


Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site.



- GENERAL NOTES:**
1. BEGIN AT THE LOCATION WHERE WATTLE IS TO BE INSTALLED BY EXCAVATING 2-3' DEEP X 9' WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP SLOPE FROM THE ANCHOR TRENCH.
 2. PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
 3. SECURE THE WATTLE WITH 18-24" STAKES EVERY 3-4' AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 2-3" OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.
 4. CONTRACTOR IS RESPONSIBLE TO MAINTAIN INTEGRITY OF STRAW WATTLE FOR DURATION OF CONSTRUCTION.
 5. EROSION CONTROLS TO REMAIN UNTIL SOIL CONDITIONS STABILIZE.
 6. LOOSE HAY TO BE SPREAD ON AREAS OF EXPOSED LOAM & SEED UNTIL GERMINATION AND STABILIZATION OCCURS.

STRAW WATTLE (OR SILT SOCK) DETAIL
NOT TO SCALE



CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE

INSTALLATION
THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL. THE STONE SHALL BE PLACED TO THE SPECIFIED DIMENSIONS, AS NOTED ABOVE.

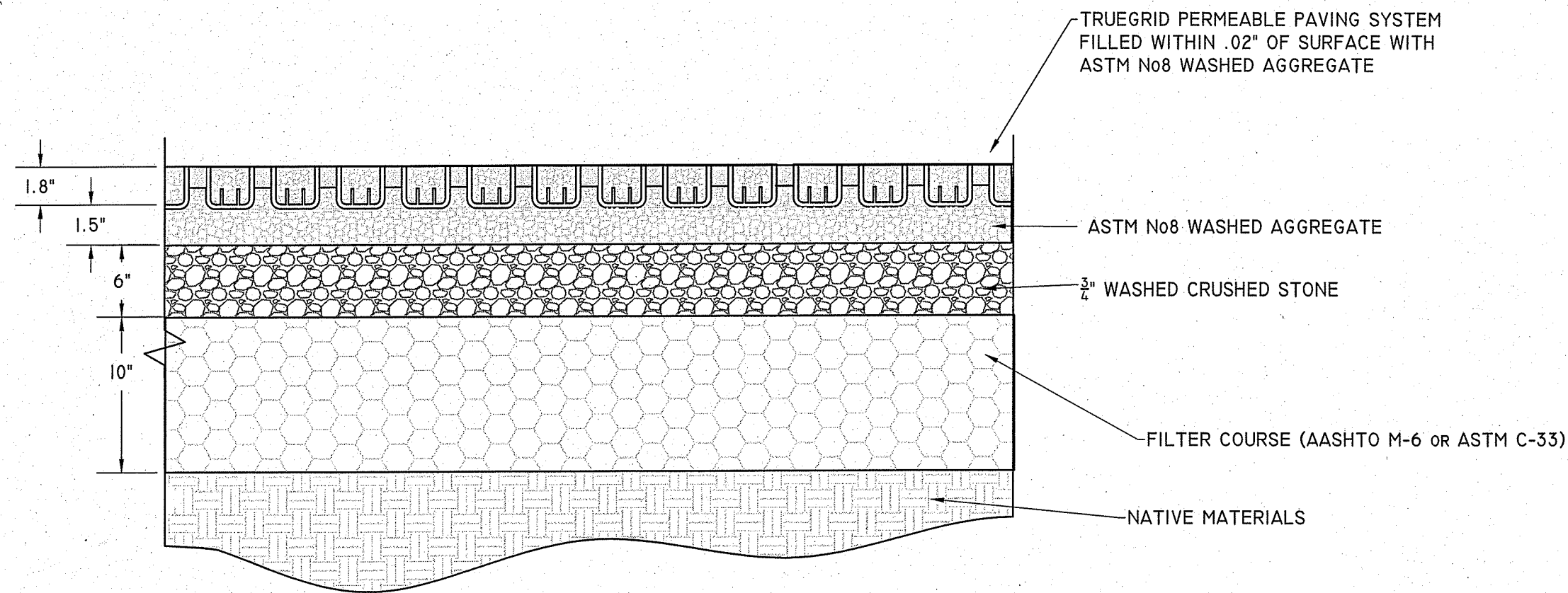
MAINTENANCE
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENTS ONTO PUBLIC RIGHT-OF-WAYS THIS WILL REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE, OR ADDITIONAL LENGTH, AS CONDITIONS DEMAND, AND REPAIR, AND / OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.

LOCATION
SEE EROSION CONTROL SHEET FOR LOCATION OF CONSTRUCTION ENTRANCE.

EROSION AND SEDIMENT CONTROL PLAN

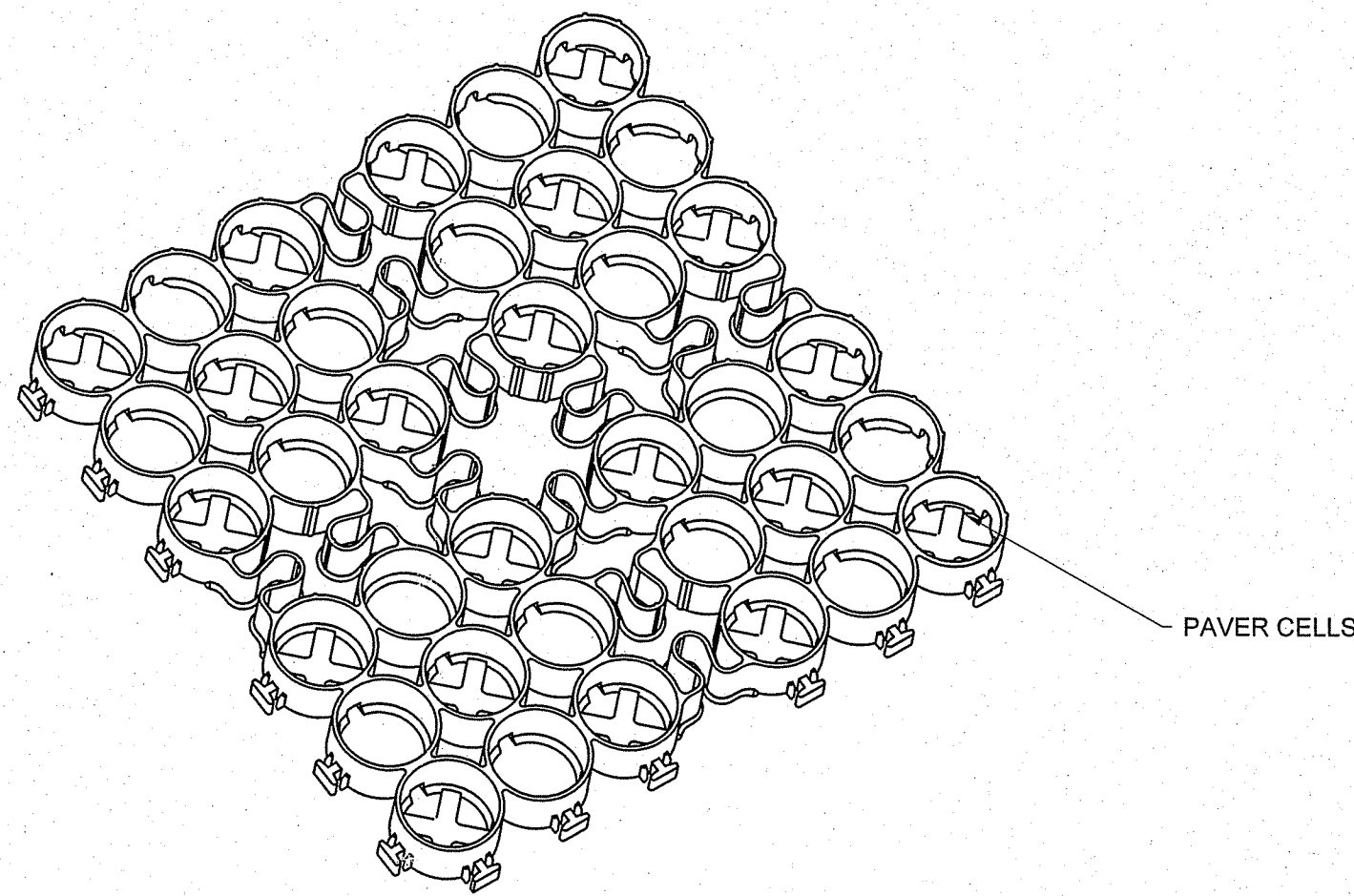
PAUL D. CARLSON No. 7142 REGISTERED PROFESSIONAL ENGINEER CIVIL 	"BEEF BARN" 200 INDUSTRIAL DRIVE, N SMITHFIELD, RI ASSESSORS MAP 8 LOT 300	
	APPLICANT: MARC BRANCHAUD 200 INDUSTRIAL DRIVE, NORTH SMITHFIELD, RI	JOB # 19-048 SCALE: 1"= 30' DRAWN BY: SES DATE: FEBRUARY 7, 2020
REVISED: JUNE 24, 2020	InSite Professional Complex, Suite 1 1539 Fall River Avenue Seekonk, MA 02771 Phone: (508) 336-4500 Fax: (508) 336-4558 Web Address: InSiteEngineers.com	

SHEET 5 OF 8



PERMEABLE PAVER DETAIL

NOT TO SCALE

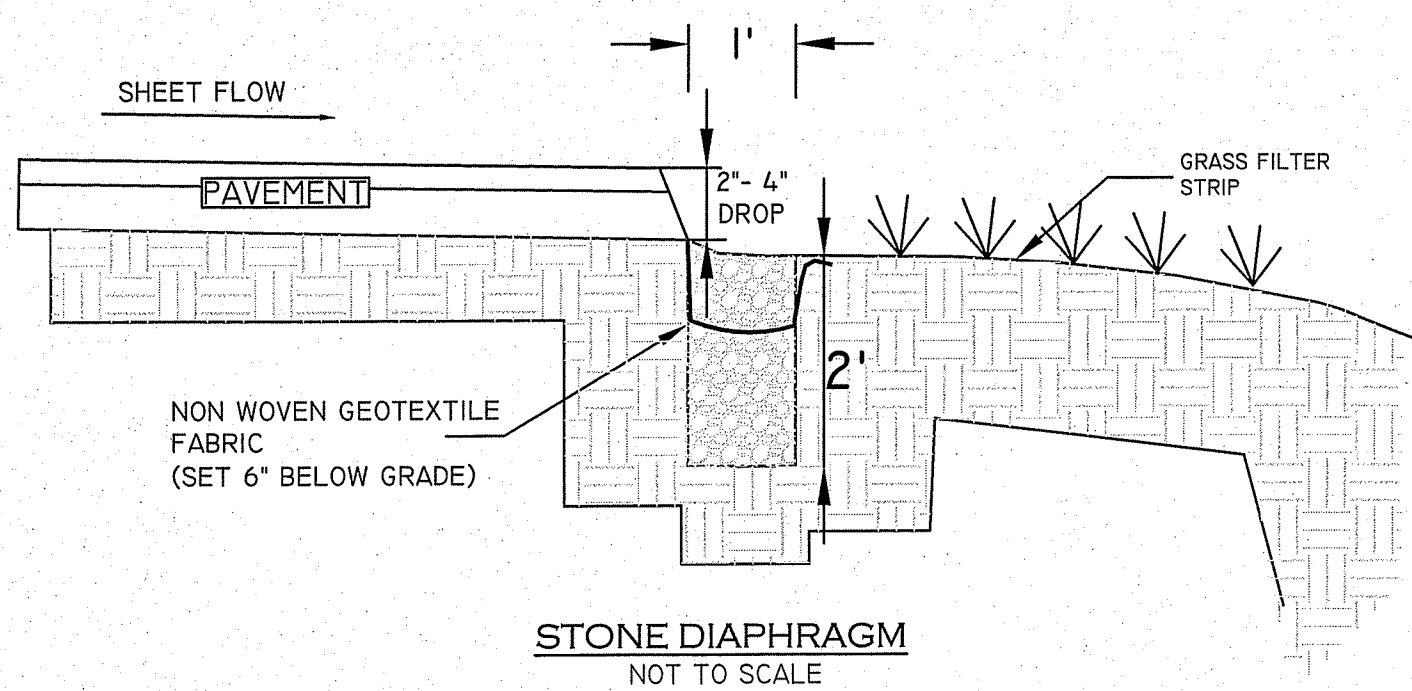


TRUEGRID BLOCK REFERENCE VIEW

PREASSEMBLED & DELIVERED IN 4' X 4' SHEET. RECONFIGURED AS NEEDED. NO EXTRA TOOLING OR ACCESSORIES REQUIRED

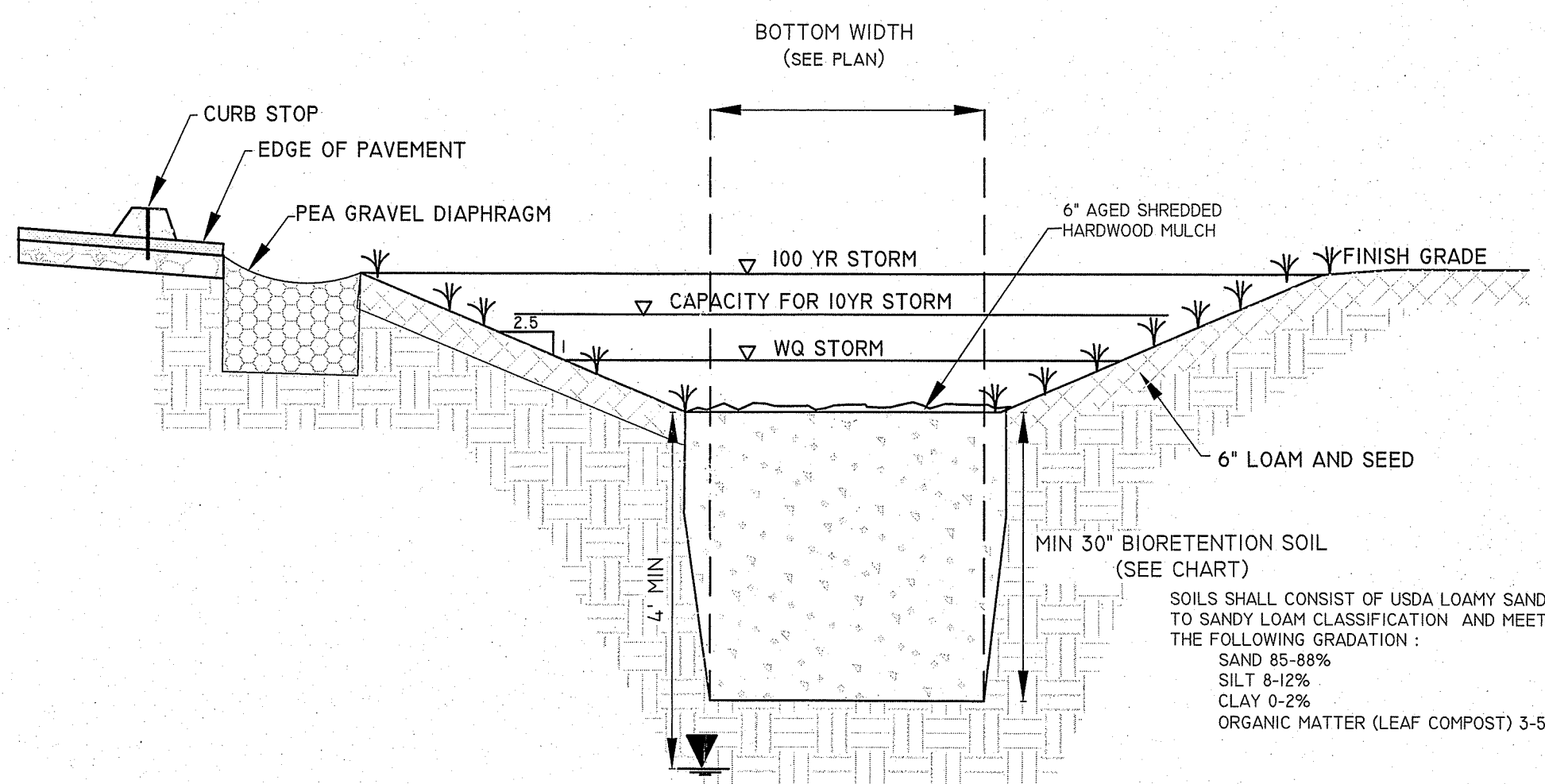
NOTES:

- SUB-BASE DEPTH AND PREPARATION IS DEPENDENT ON SITE CONDITIONS PLUS LOADING REQUIREMENTS.
- TRUEGRID PRO PLUS PRODUCTS DESIGNED FOR LOAD CAPACITIES OF 120,000 LBS PER SQ. FT. TRUEGRID PRODUCTS STRENGTHEN WITH FILL MATERIAL.
- TRUEGRID PRO PLUS PRODUCTS ARE SUFFICIENTLY RATED FOR H-20 /HS-20 LOADING AND GREATER.
- GEOGRID MESH OR GEOFABRIC MAY BE REQUIRED BETWEEN SUB-GRADE & SUB-BASE FOR CERTAIN SOILS AND SITE SPECIFIC REQUIREMENTS.
- INCREASE SUB-BASE DEPTH FOR INCREASED STORM WATER DETENTION.
- NO STAKING NECESSARY WITH TRUEGRID PRO PLUS WHEN SLOPE IS BELOW 10 DEGREES. ASSESS PROJECT, AS NEEDED.
- FINAL ENGINEERED CROSS SECTION AGGREGATES AND DEPTH SHOULD ALLOW FOR EXPECTED INFILTRATION RATES, STORAGE CAPACITIES, OUTLET FLOW RATES, AND OTHER SITE SPECIFIC CONDITIONS AND LOAD REQUIREMENTS.
- THIS CROSS SECTION IS FOR INFORMATION ONLY.



STONE DIAPHRAGM

NOT TO SCALE

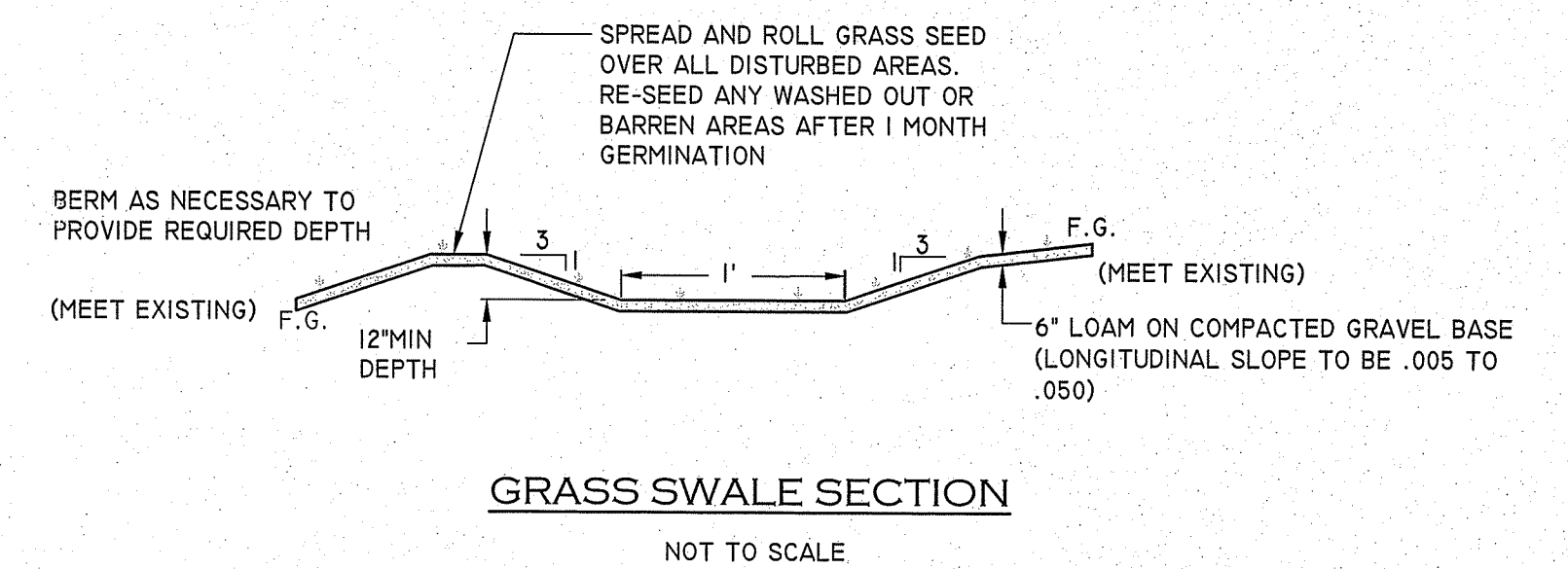


DRY SWALE

NOT TO SCALE

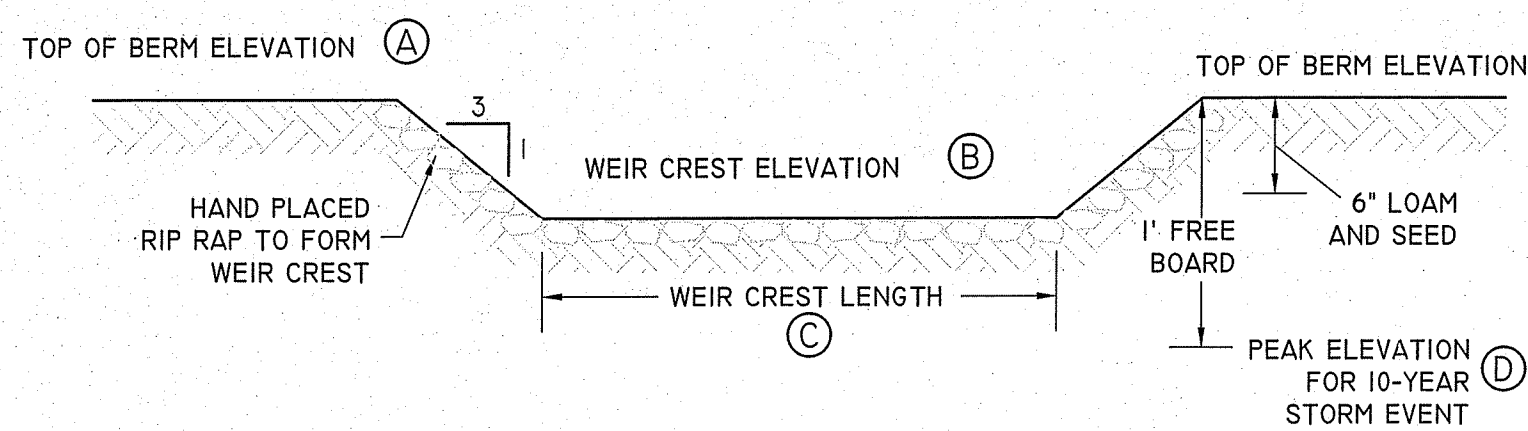
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED **DEC 23 2020** FILE # **20-0071**
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Jonathan D. Wemack



GRASS SWALE SECTION

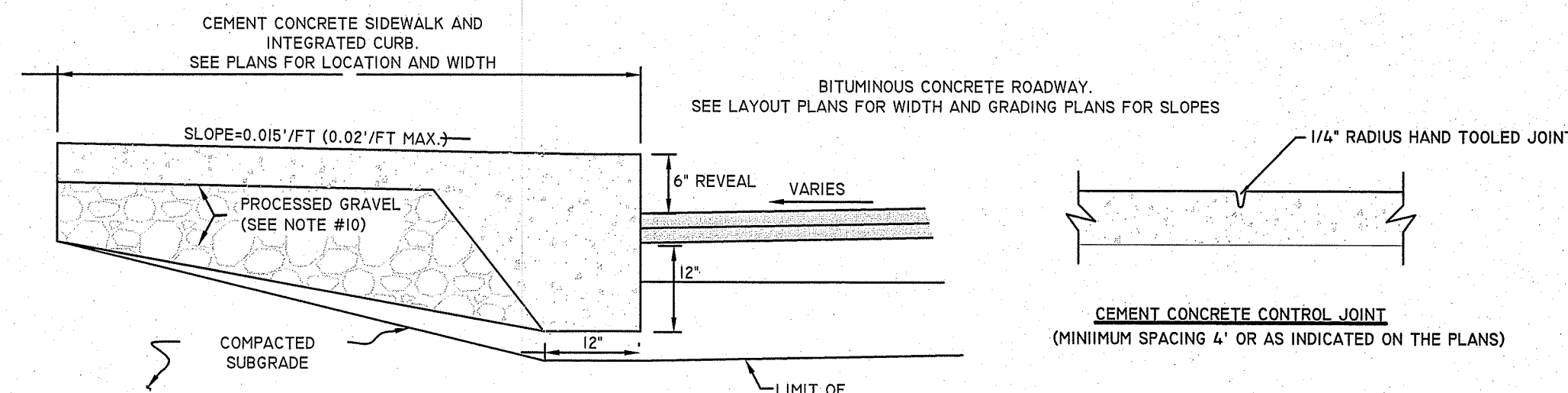
NOT TO SCALE



	TOP OF BERM	WEIR CREST ELEVATION	WEIR CREST LENGTH	10 YEARS PEAK
DRY SWALE 2	224.5	223.2	1.5	223.54
DRY SWALE 3	220.5	219.5	6.0	219.69

EARTHEN WEIR DETAIL

NOT TO SCALE



NOTES:

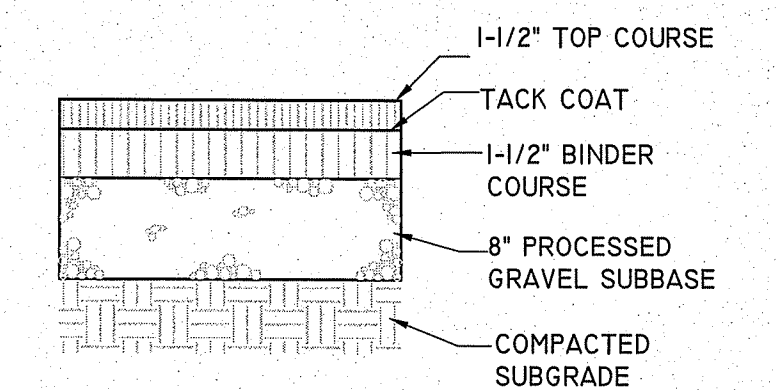
- CEMENT CONCRETE FOR SIDEWALK SHALL ATTAIN COMPRESSIVE STRENGTH OF 4000 PSI (28 DAYS) WITH AIR ENTRAINMENT CONTENT OF 8%.
- CONSTRUCTION JOINTS WITH 1/4" PREHOLDED EXPANSION JOINT FILLER SHALL BE PLACED EVERY 20 FEET.
- IF SIDEWALK IS TO ADJUT A SMOOTH WALL, FOUNDATION OR STATIONARY OBJECT, PLACE THE EXPANSION JOINT FILLER FULL DEPTH, BETWEEN SIDEWALK CONCRETE AND SURFACE OF WALL, FOUNDATION OR STATIONARY OBJECT.
- IF SIDEWALK IS TO ADJUT AN IRREGULAR WALL, FOUNDATION OR STATIONARY OBJECT, PLACE THE EXPANSION JOINT FILLER FULL DEPTH FOUR (4) INCHES FROM IRREGULAR SURFACE, AND POUR CONCRETE BETWEEN THE ABOVE MENTIONED SURFACES AND THE EXPANSION JOINT MATERIAL.
- THE FORCING OF PREHOLDED EXPANSION JOINT FILLER INTO FRESHLY PLACED CONCRETE WILL NOT BE ALLOWED.

INTEGRATED CURB AND SIDEWALK

NOT TO SCALE

NOTES:

- THE MAXIMUM TOLERANCE FOR THE 4" CONCRETE THICKNESS IS ±1/2".
- GRAVEL BORROW SHALL CONFORM TO M400 STD. SPECIFICATION MATERIALS SECTION

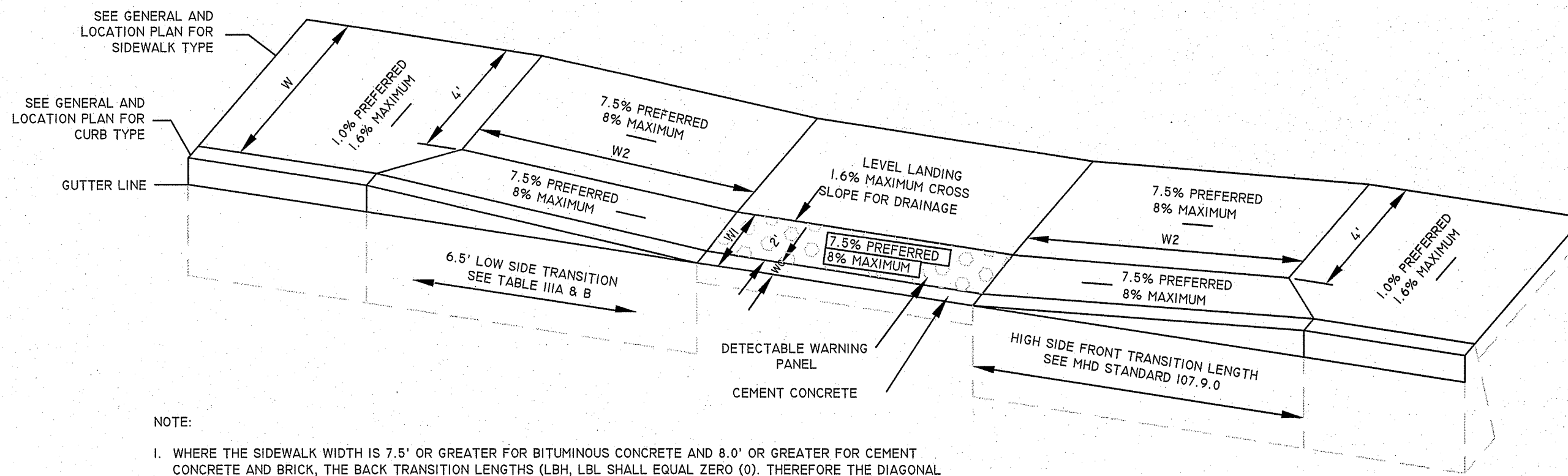
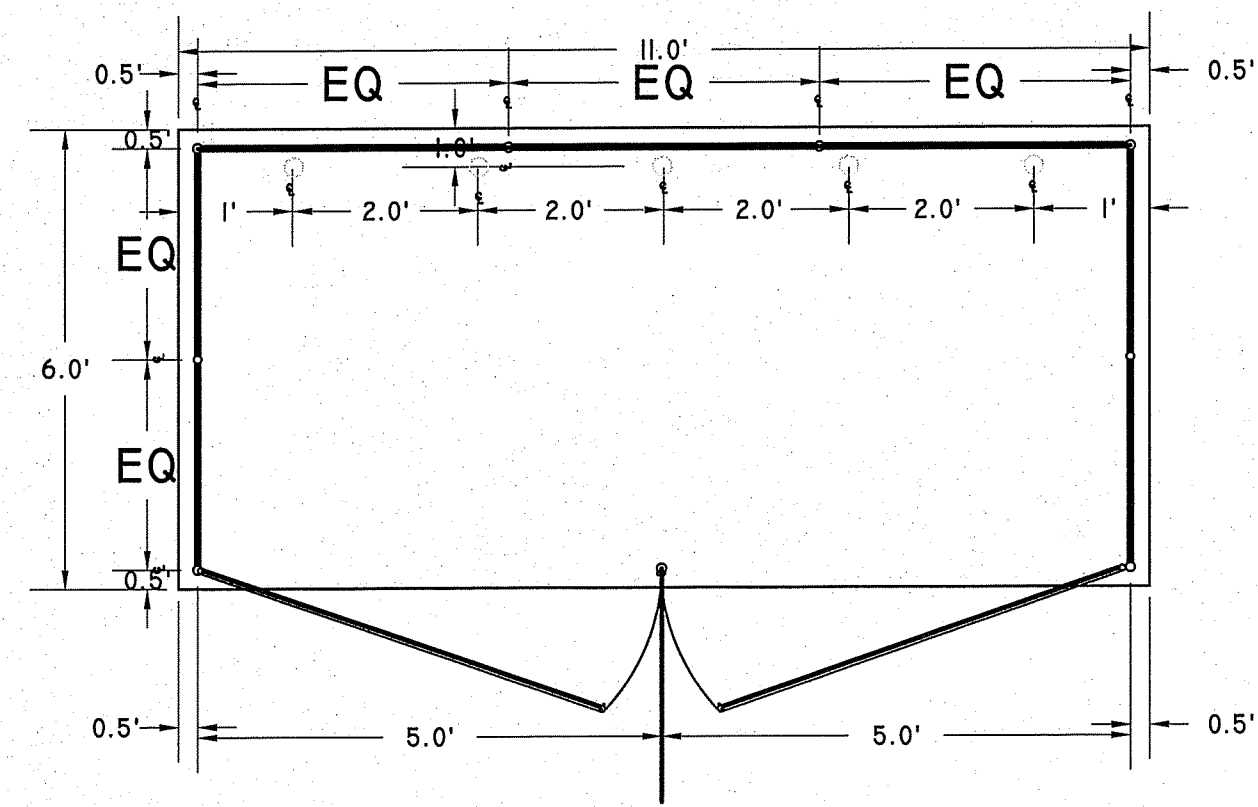


BITUMINOUS CONCRETE PAVEMENT DETAIL

NOT TO SCALE

SITE DETAIL 1

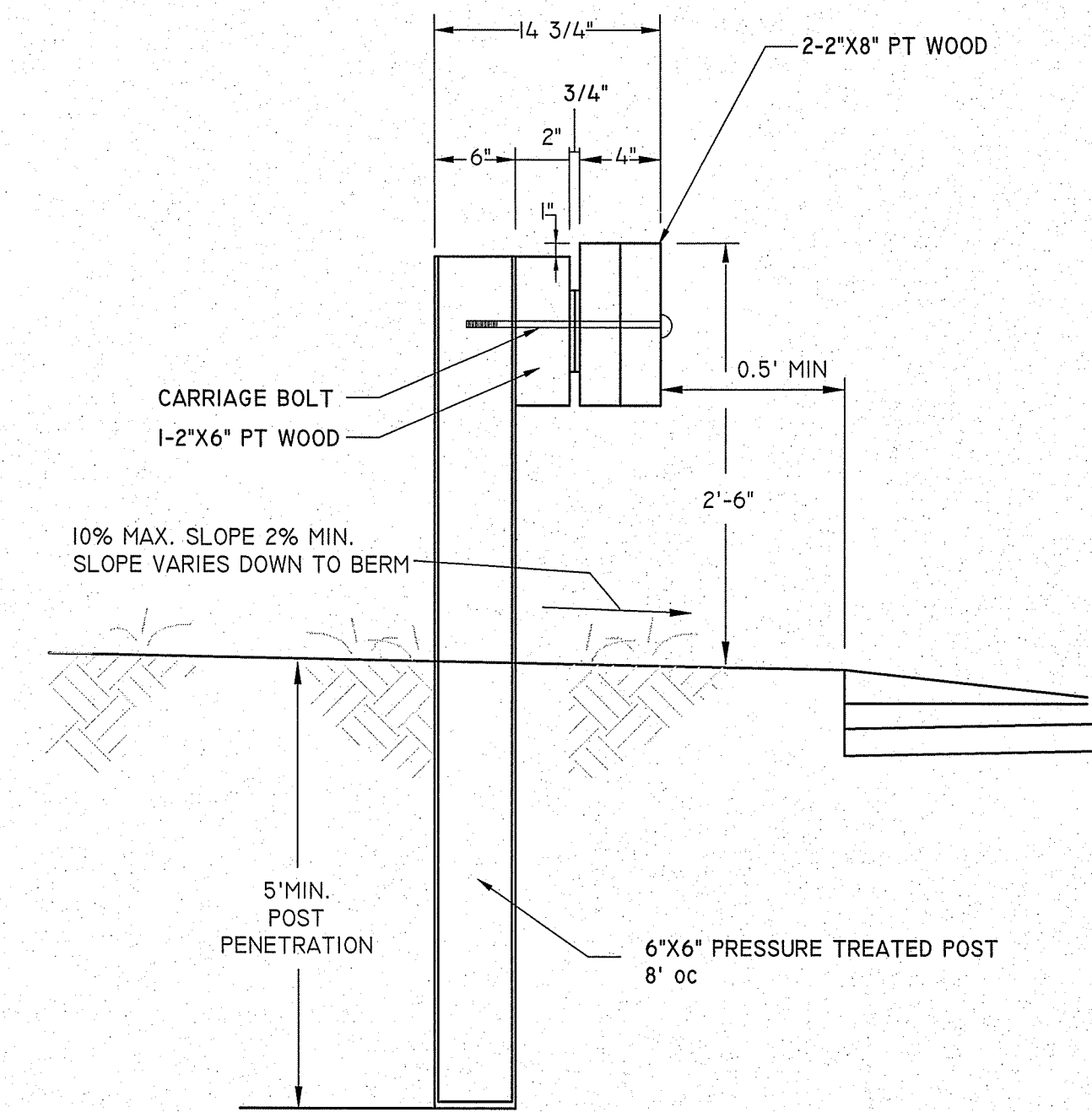
	<p>"BEEF BARN" 200 INDUSTRIAL DRIVE, N SMITHFIELD, RI ASSESSORS MAP 8 LOT 300</p>	
	<p>APPLICANT: MARC BRANCHAUD 200 INDUSTRIAL DRIVE, NORTH SMITHFIELD, RI</p>	
<p>JOB # 19-048</p>	<p>SCALE: 1" = 30'</p>	<p>DRAWN BY: SES</p>
<p>REVISED: JUNE 24, 2020</p>		<p>DATE: FEBRUARY 7, 2020</p>
<p>INSITE Engineering Services, LLC PROFESSIONAL ENGINEERS LAND SURVEYORS Precision. Clarity. Certainty.</p>		<p>InSite Professional Complex, Suite 1 1539 Fall River Avenue Seekonk, MA 02771 Phone: (508) 336-4500 Fax: (508) 336-4558 Web Address: InSiteEngineers.com</p>



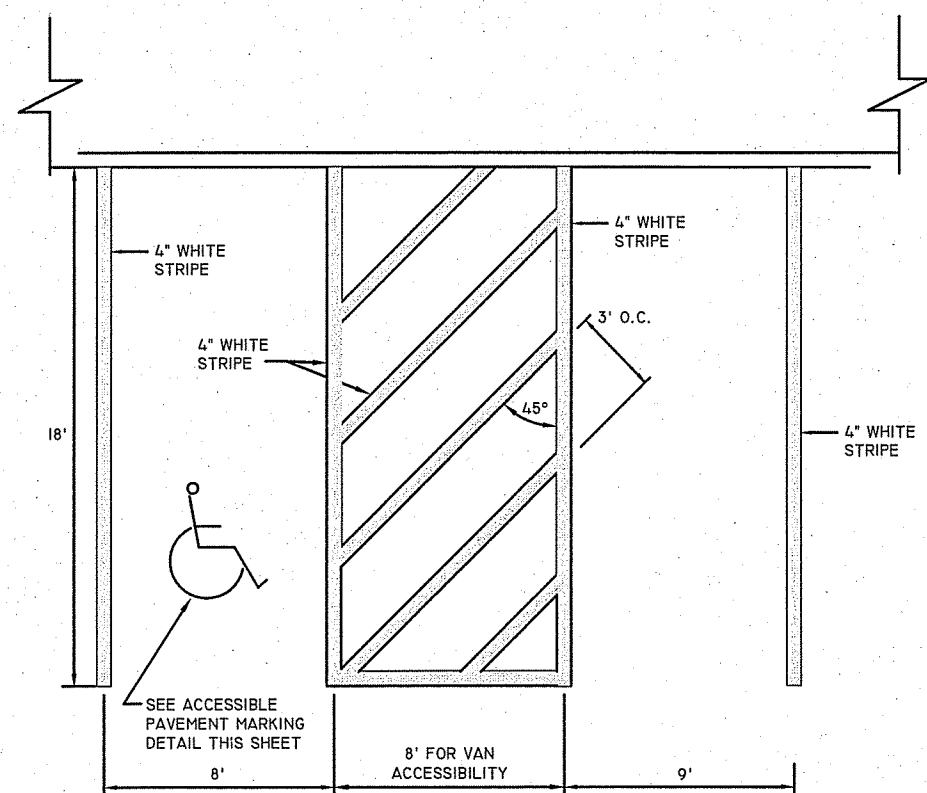
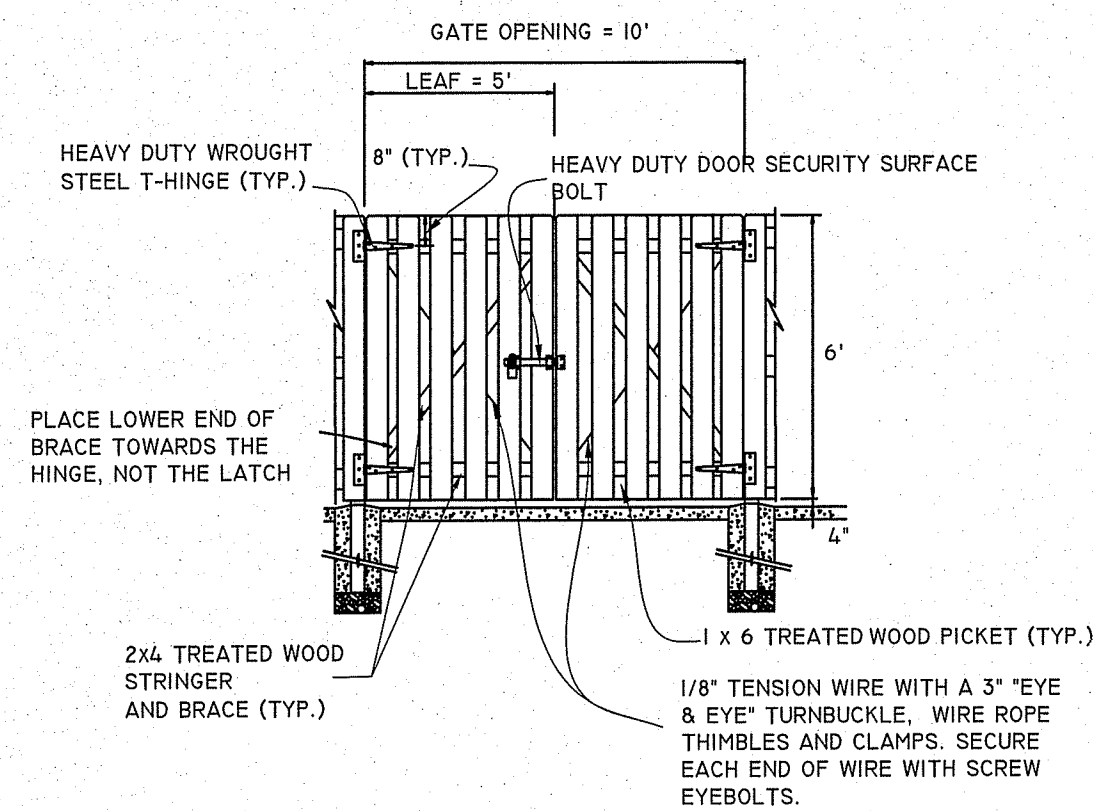
NOTE:
 1. WHERE THE SIDEWALK WIDTH IS 7.5' OR GREATER FOR BITUMINOUS CONCRETE AND 8.0' OR GREATER FOR CEMENT CONCRETE AND BRICK, THE BACK TRANSITION LENGTHS (L_B, L_{BL}) SHALL EQUAL ZERO (0). THEREFORE THE DIAGONAL SCORE LINE SHALL MEET THE BACK CORNERS OF THE WHEELCHAIR RAMP. IT SHOULD BE NOTED THAT THE RAMP SLOPE SHALL BE LESS THAN 11.0' FOR BITUMINOUS CONCRETE AND GREATER THAN 8.0' TO LESS THAN 11.0' FOR CEMENT CONCRETE AND BRICK.
 2. TRANSITION CURB SHALL BE PART OF THE ACCESSIBLE RAMP WORK.

LEGEND:
 W = SIDEWALK WIDTH
 W1 = PERPENDICULAR RAMP LENGTH
 W2 = PARALLEL RAMP LENGTH
 WC = CURB WIDTH

WHEELCHAIR RAMP DETAIL
 NOT TO SCALE

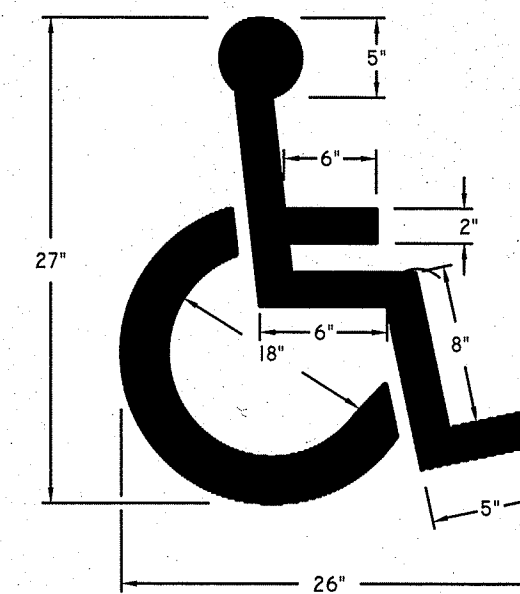


TIMBER GUARDRAIL DETAIL
 NOT TO SCALE



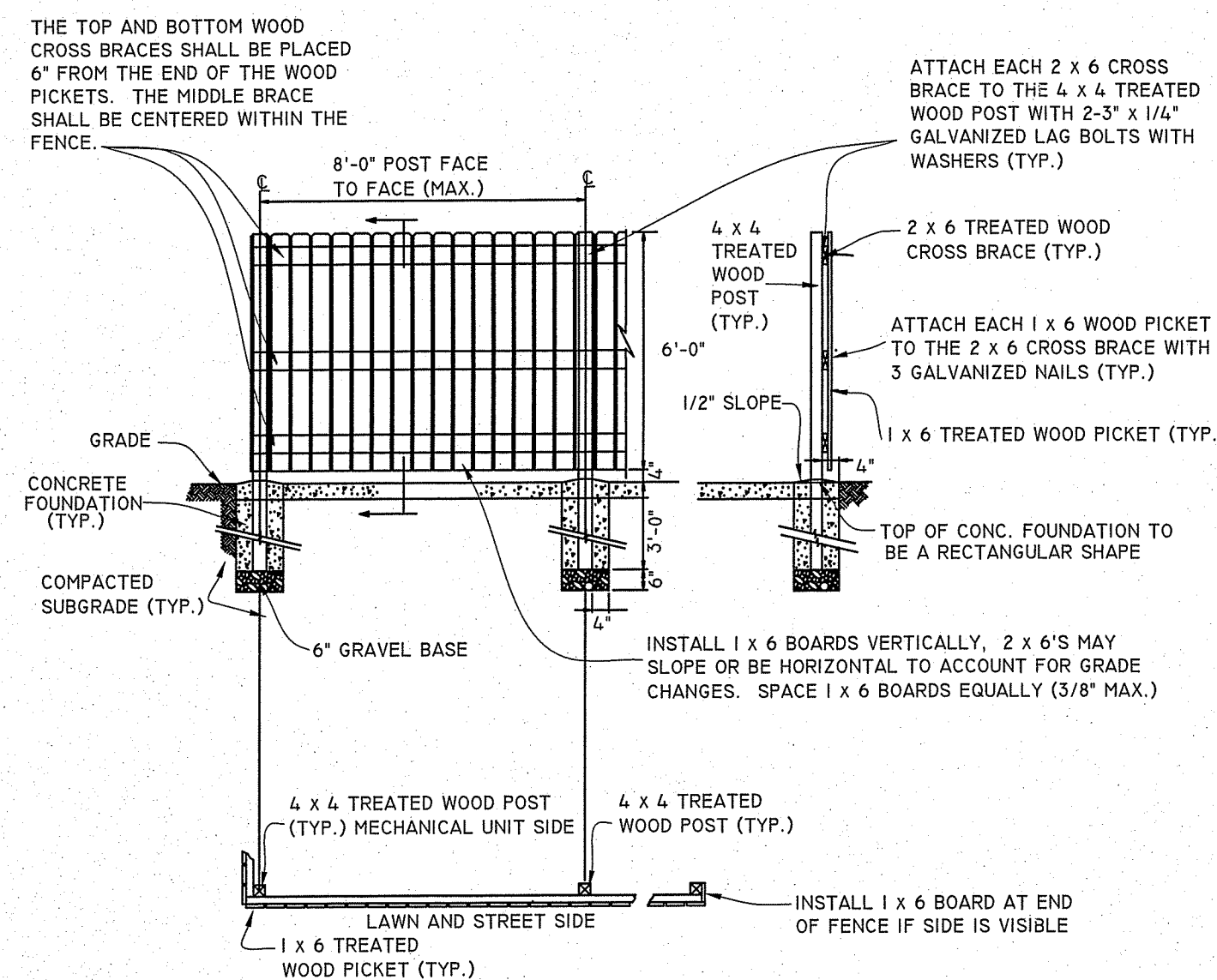
NOTE:
 WHERE STALLS ABUT SIDEWALK, PARKING SIGNS SHOULD BE PLACED AT BACK EDGE OF SIDEWALK.

ACCESSIBLE PARKING AND STANDARD STALLS
 NOT TO SCALE

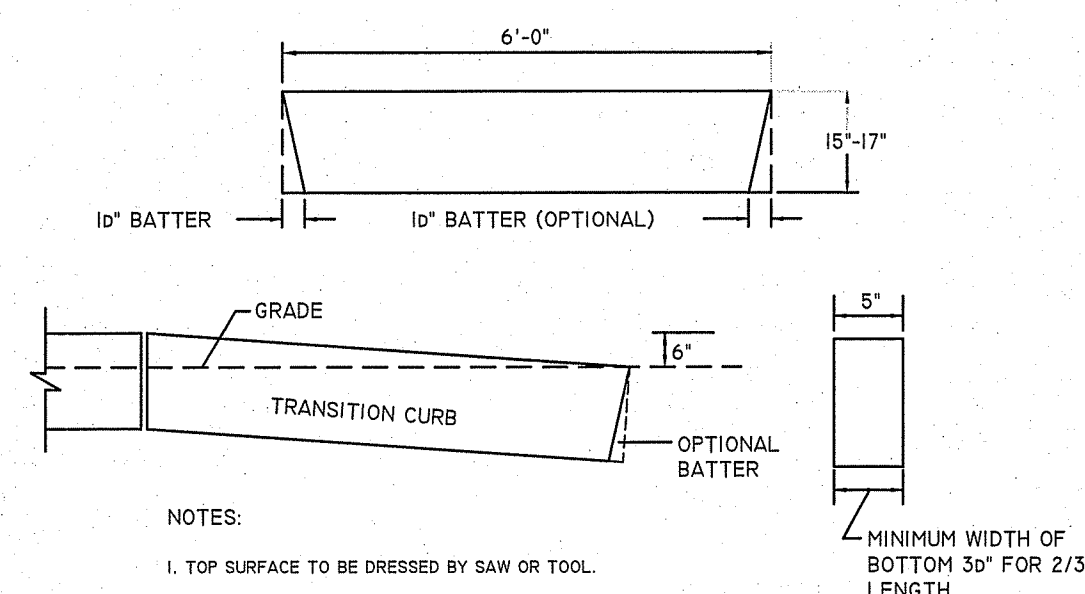


NOTE:
 1. ALL ACCESSIBLE PARKING AND SIGNAGE SHALL BE IN CONFORMANCE WITH THE RULES & REGULATIONS OF THE ARCHITECTURAL BARRIERS BOARD.

ACCESSIBLE PAVEMENT MARKING
 NOT TO SCALE

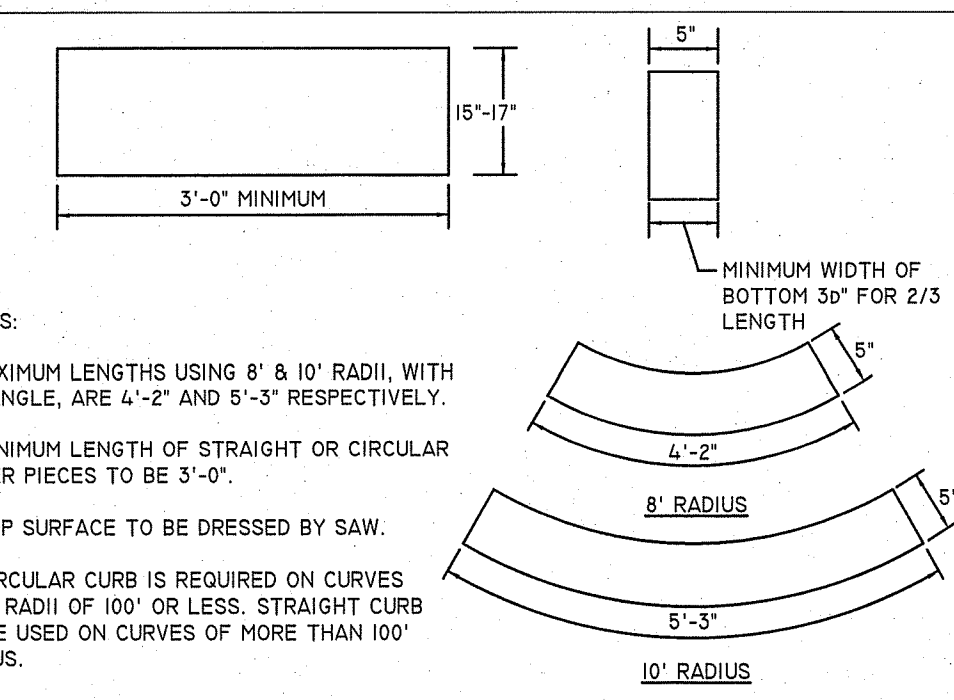


DUMPSTER PAD AND ENCLOSURE DETAIL
 NOT TO SCALE



NOTES:
 1. TOP SURFACE TO BE DRESSED BY SAW OR TOOL.
 2. MINIMUM WIDTH OF BOTTOM 30" FOR 2/3 LENGTH

6' PRECAST TRANSITION CURB
 NOT TO SCALE

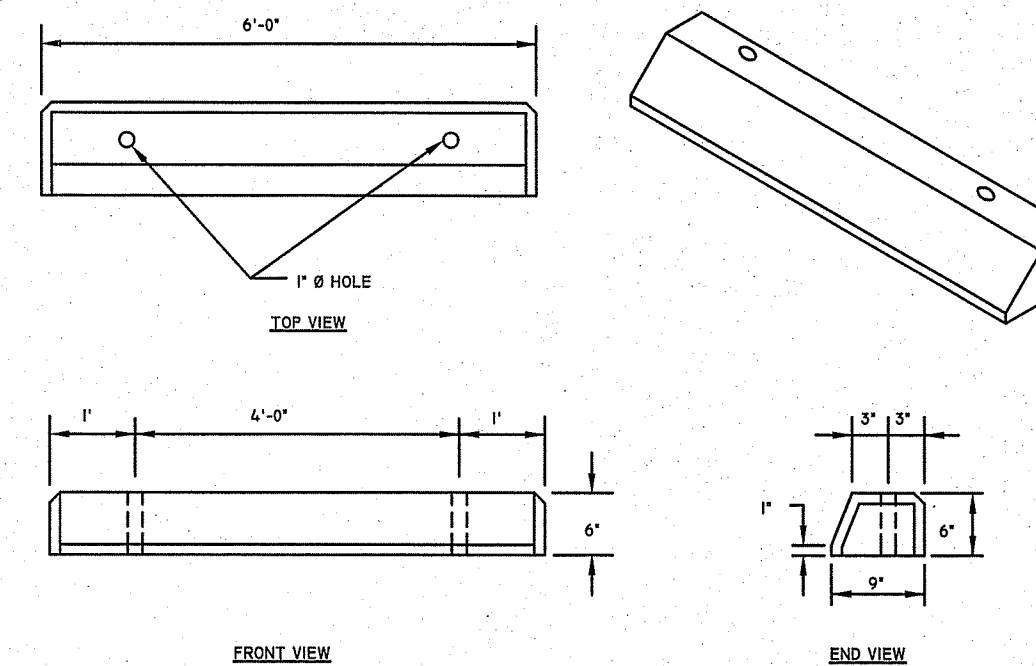


NOTES:
 1. MAXIMUM LENGTHS USING 8' & 10' RADII WITH 90° ANGLE, ARE 4'-2" AND 5'-3" RESPECTIVELY.
 2. MINIMUM LENGTH OF STRAIGHT OR CIRCULAR FILLER PIECES TO BE 3'-0".
 3. TOP SURFACE TO BE DRESSED BY SAW.
 4. CIRCULAR CURB IS REQUIRED ON CURVES WITH RADII OF 100' OR LESS. STRAIGHT CURB TO BE USED ON CURVES OF MORE THAN 100' RADII.

PRECAST CONCRETE CURB
 NOT TO SCALE

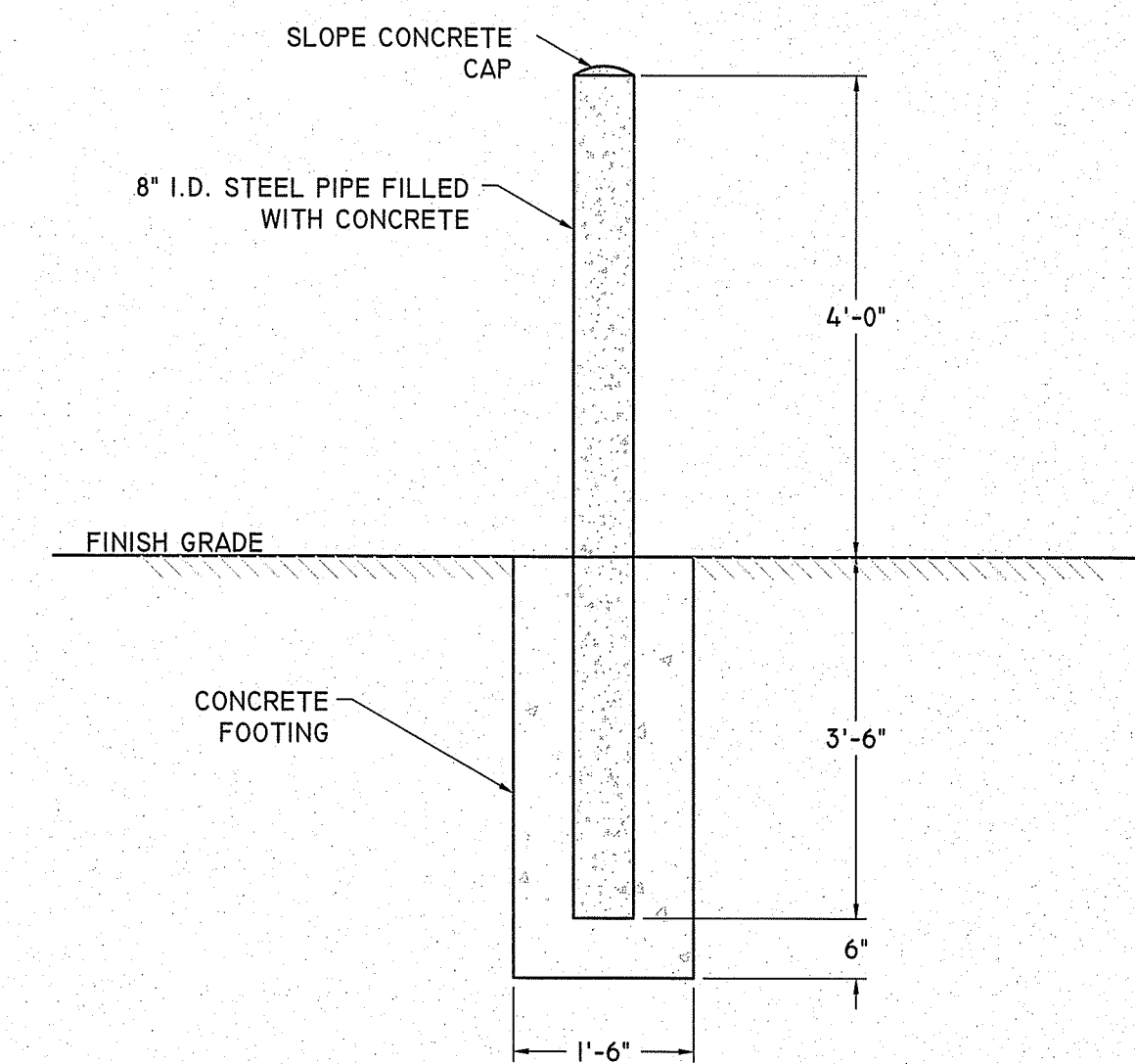
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Justin D. Wenzel

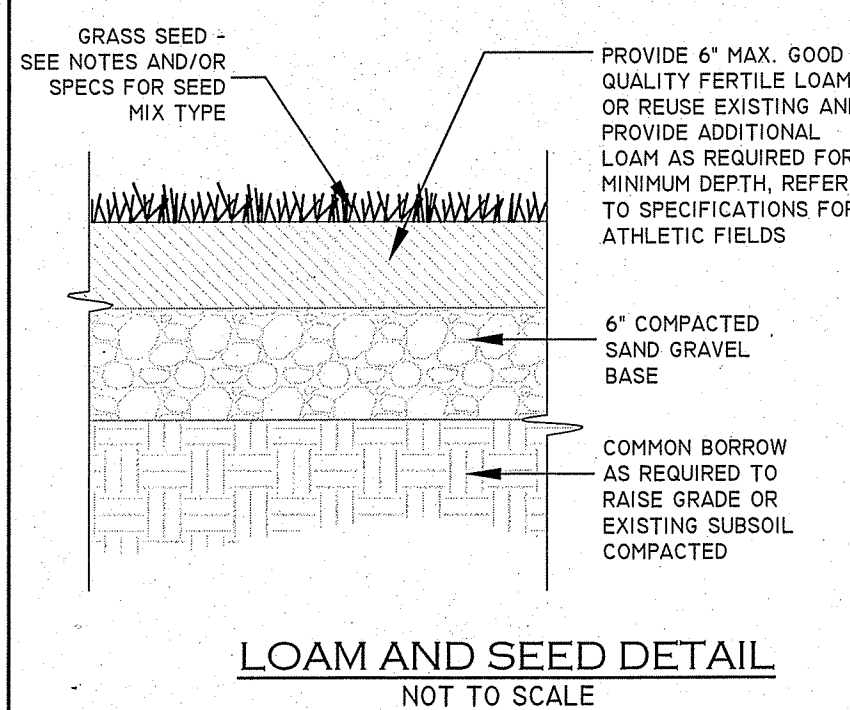


NOTES:
 1. THE TOP AND ALL EXPOSED FACE SURFACES TO 1" BELOW GUTTER LINE SHALL HAVE A SPONGE FLOAT FINISH.
 2. ALL EXPOSED EDGES SHALL HAVE A 3/4" CHAMFER
 3. PRECAST CONCRETE CAR STOPS INCLUDE FINISHING AND DRIVING 3/4"x1/4" STEEL RODS.

PRECAST CONCRETE CAR STOPS
 NOT TO SCALE



CONCRETE FILLED BOLLARD DETAIL
 NOT TO SCALE



LOAM AND SEED DETAIL
 NOT TO SCALE

NOTES:
 1. LOAM MOVED SHALL BE RETAINED AND DISTRIBUTED ON THE SITE IN ACCORDANCE WITH THE PLANS. STOCKPILED LOAM SHALL NOT BE MIXED WITH ANY SUBSOIL OR UNSUITABLE MATERIALS. NEW LOAM IF REQUIRED SHALL BE FERTILE, FRIABLE, MEDIUM TEXTURED SANDY LOAM FREE OF STUMPS, STONES, ROOTS AND OTHER MATTER ONE INCH (1") OR GREATER IN DIAMETER. THE PH SHALL BE BETWEEN 5.5 AND 7.5.
 2. LAWN PREPARATION: ALL DEBRIS AND INORGANIC MATERIAL SHALL BE REMOVED FROM THE SUBGRADE. PRIOR TO THE SPREADING OF ANY LOAM, AREAS SHALL BE RESHAPED AND DRESSED WITH CLEAN LOAM AS REQUIRED TO OBTAIN A SMOOTH SURFACE. SUBGRADE TO BE SCARIFIED AND LOOSEN IN AREAS WHERE COMPACTION HAS OCCURRED. LOAM TO BE SPREAD TO A DEPTH OF SIX INCHES (6"). A STARTER FERTILIZER (10-20-10) AT A RATE OF 50 LBS. PER 1000 SQUARE FEET AND LIME AT A RATE OF 40 LBS. PER 1000 SQUARE FEET. THE LOAM SHALL BE ROLLED TO CREATE A SMOOTH SURFACE.
 3. SEEDING SHALL TAKE PLACE BETWEEN MARCH 15 AND MAY 31 OR AUGUST 15 AND OCTOBER 15. SEED SHALL BE PURE, LIVE, FRESH SEED FROM COMMERCIAL SOURCES AND LABELED IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS. THE SEED MIXTURE SHALL BE:
 PROPORTION TYPE WEIGHT
 HENREYS HARD FESCUE 24.78%
 AZURE SHEEPS FESCUE 24.78%
 AMBROSIO CHEWINGS FESCUE 24.57%
 CREEPING RED FESCUE 24.63%
 *INERT MATERIAL TO BE LESS THAN 2.5% MAX.

SITE DETAIL 2

PAUL D. CARLSON
 No. 7142
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 PROFESSIONAL SEAL

"BEEF BARN"
 200 INDUSTRIAL DRIVE, N SMITHFIELD, RI
 ASSESSORS MAP 8 LOT 300

APPLICANT: MARC BRANCHAUD
 200 INDUSTRIAL DRIVE, NORTH SMITHFIELD, RI

JOB # 19-048 SCALE: NTS DRAWN BY: SES DATE: FEBRUARY 7, 2020

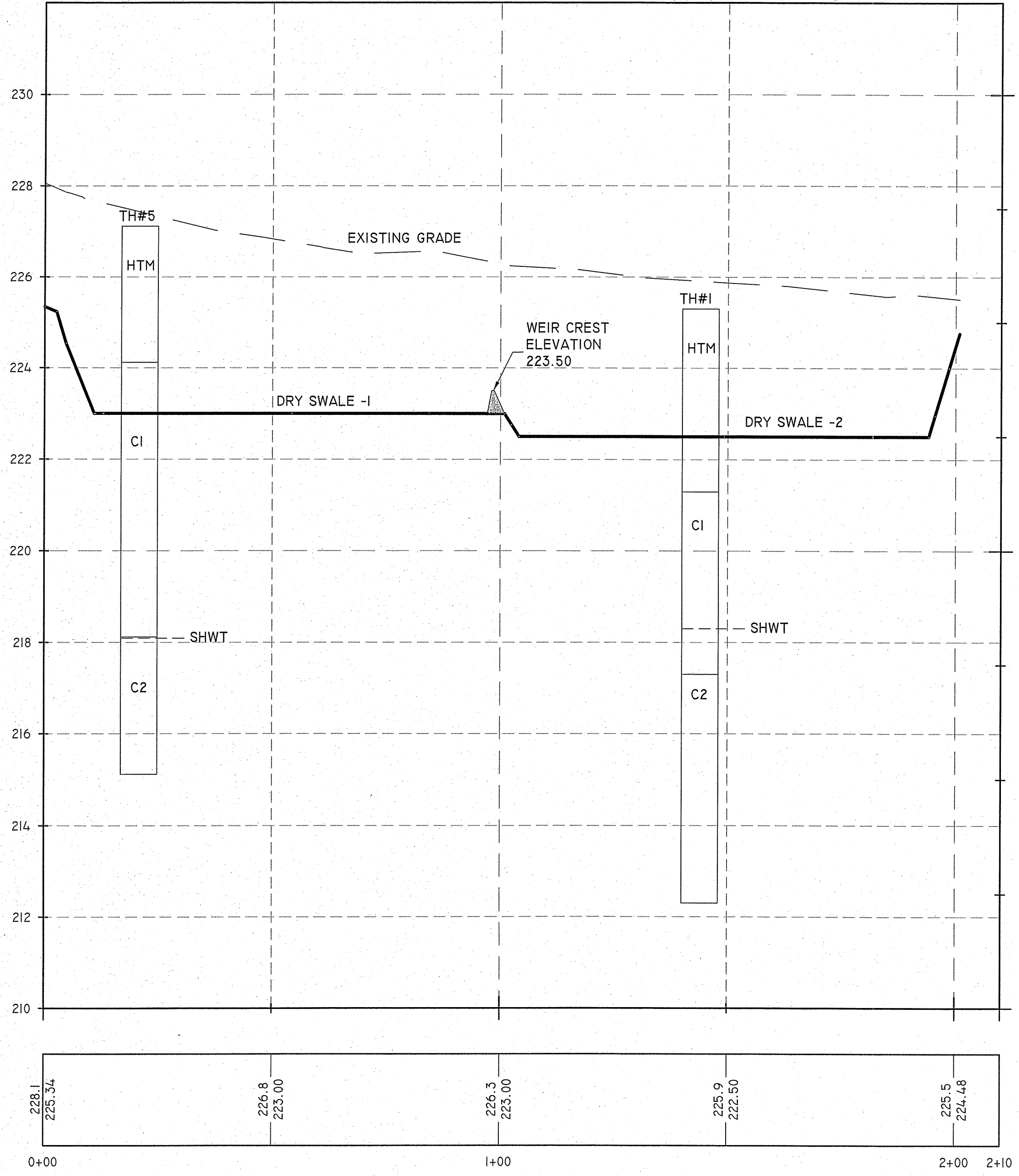
REVISED: JUNE 24, 2020

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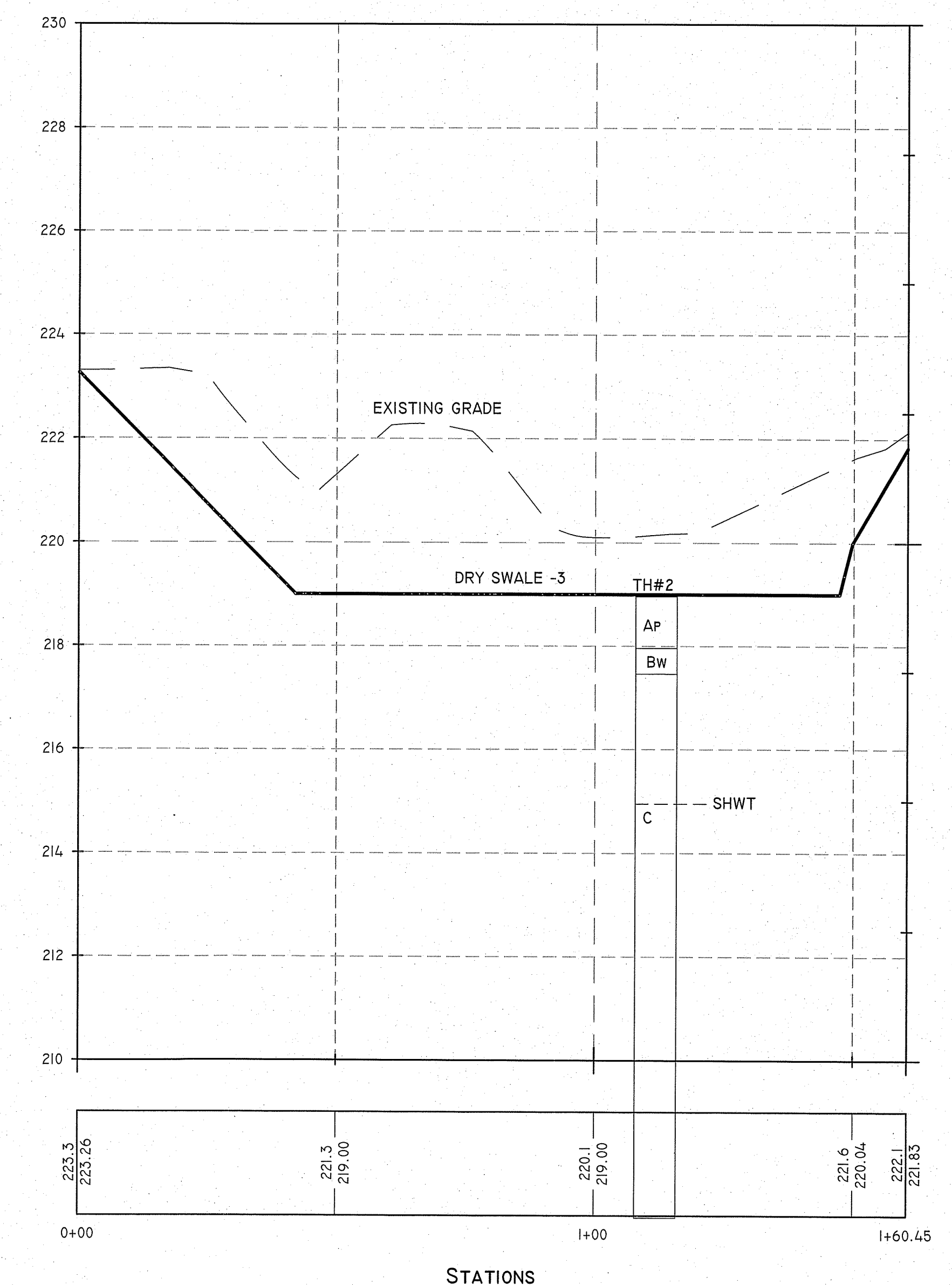
InSite Professional Complex, Suite 1
 1539 Fall River Avenue Seekonk, MA 02771
 Phone: (508) 336-4500 Fax: (508) 336-4558
 Web Address: InSiteEngineers.com



Site Evaluation Form
 Part A - Soil Profile Description Application Number NA
 Property Owner: _____
 Property Location: 200 Industrial Drive, North Smithfield.
 Date of Test Hole: 11-13-2019 License Number: D4085
 Soil Evaluator: Michael S. Faria PE8325, D3107, D4085
 Weather: Sun 85F Shaded: Yes No Time: 8am to 10am



STATIONS
 PROFILE-DRY SWALE 1 & 2



STATIONS
 PROFILE-DRY SWALE 3

TH #	Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox		Texture	Structure	Consistence	Soil Category
			Dist	Topo	Matrix	Re-Dox Features	Ab. S. Contr.					
1	HTM	0 - 48	c	s	10YR2/1	-	-	-	ls	1 f gr	vfr	3 - 0.70
	C1	48 - 96	c	s	10YR8/1	7.5YR5/8	m 3 p	-	vfs	0 - sg	vfr	4 - 0.61
	C2	96 - 156	c	s	10YR7/1	-	-	-	vfs	0 - m, sg	fri	4 - 0.61
2	Ap	0 - 12	c	s	10YR2/1	-	-	-	ls	1 f gr	vfr	3 - 0.70
	Bw	12 - 18	c	s	10YR5/8	-	-	-	ls	0 - sg	vfr	4 - 0.61
	C	18 - 144	c	s	10YR8/1	7.5YR5/8	m 3 p	-	vfs	0 - m, sg	vfri	4 - 0.61
3	Ap	0 - 10	c	s	10YR2/1	-	-	-	ls	1 f gr	vfr	3 - 0.70
	Bw	10 - 18	c	s	10YR5/8	-	-	-	ls	0 - sg	vfr	4 - 0.61
	C1	18 - 72	c	s	10YR8/1	7.5YR5/8	m 3 p	-	vfs	0 - m, sg	vfri	4 - 0.61
4	C2	72 - 96	c	s	10YR7/2	-	-	-	vfs	0 - m, sg	vfr	4 - 0.61*
	C3	96 - 120	c	s	7.5YR5/8	-	-	-	*gcos	0 - sg	fi	1 - 0.70*
5	Ap	0 - 12	c	s	10YR2/1	-	-	-	ls	1 f gr	vfr	1 - 0.70
	Bw	12 - 24	c	s	10YR5/8	-	-	-	ls	0 - sg	vfr	1 - 0.61
	C	24 - 60R	c	s	10YR8/1	7.5YR5/8	m 3 p	-	*gls	0 - m, sg	vfri	6 - 0.70*

TH 1 Soil Class HTM (is found) on C Outwash Re-Dox at 48" & 96" Stratified Layers Found
 Total Depth 156"(eg) Impervious/Limiting Layer Depth 156"(eg) GW Seepage Depth 84"(eg) (sat. slow-stop), Standing Depth 144"(eg), SHWT 84"(eg) (assigned)
 TH 2 Soil Class Ap (is found) on C Outwash Re-Dox at 18", 24" & 48" Stratified Layers Found
 Total Depth 144"(eg) Impervious/Limiting Layer Depth 144"(eg) GW Seepage Depth 48"(eg) (sat. slow-stop), Standing Depth 138"(eg), SHWT 48"(eg) (assigned)
 TH 3 Soil Class Ap (is found) on C Outwash Re-Dox at 18" & 72" Stratified Layers Found
 Total Depth 120"(eg) Impervious/Limiting Layer Depth 120"(eg) GW Seepage Depth 72"(eg) (sat. slow-stop), Standing Depth 108"(eg), SHWT 72"(eg) (assigned)
 TH 4 Soil Class Ap (is found) on B Alluvium Re-Dox at 48" Stratified Layers Found Refusal at 60"(eg) cobbles, stones, boulders & possible ledge found
 Total Depth 80"(eg) Impervious/Limiting Layer Depth 80"(eg) GW Seepage Depth NA(eg) (sat. slow-stop), Standing Depth NA(eg), SHWT 48"(eg) (assigned)
 Comments: og = original grade below HTM eg = existing grade top of HTM

TH #	Horizon	Depth	Horizon Boundaries		Soil Colors		Re-Dox		Texture	Structure	Consistence	Soil Category
			Dist	Topo	Matrix	Re-Dox Features	Ab. S. Contr.					
5	HTM	0 - 36	c	s	10YR2/1	-	-	-	ls	1 f gr	vfr	3 - 0.70
	C1	36 - 108	c	s	10YR8/1	7.5YR5/8	m 3 p	-	vfs	0 - sg	vfr	4 - 0.61
	C2	108 - 144	c	s	10YR7/1	-	-	-	vfs	0 - m, sg	fri	4 - 0.61

TH 5 Soil Class HTM (is found) on C Outwash Re-Dox at 36" & 108" Stratified Layers Found
 Total Depth 144"(eg) Impervious/Limiting Layer Depth 144"(eg) GW Seepage Depth 108"(eg) (sat. slow-stop), Standing Depth NA(eg), SHWT 108"(eg) (assigned)
 Comments: og = original grade below HTM eg = existing grade top of HTM

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATE: DEC 23 2020 FILE # 20-0071
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE
 Signature: *Christopher D. Senese*

SITE DETAIL 3

"BEEF BARN"
 200 INDUSTRIAL DRIVE, N SMITHFIELD, RI
 ASSESSORS MAP 8 LOT 300

APPLICANT: MARC BRANCHAUD
 200 INDUSTRIAL DRIVE, NORTH SMITHFIELD, RI

JOB # 19-048 SCALE: NTS DRAWN BY: SES DATE: FEBRUARY 7, 2020
 REVISED: JUNE 24, 2020

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 No. 7142
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 PROFESSIONAL SEAL

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SHEET 8 OF 8