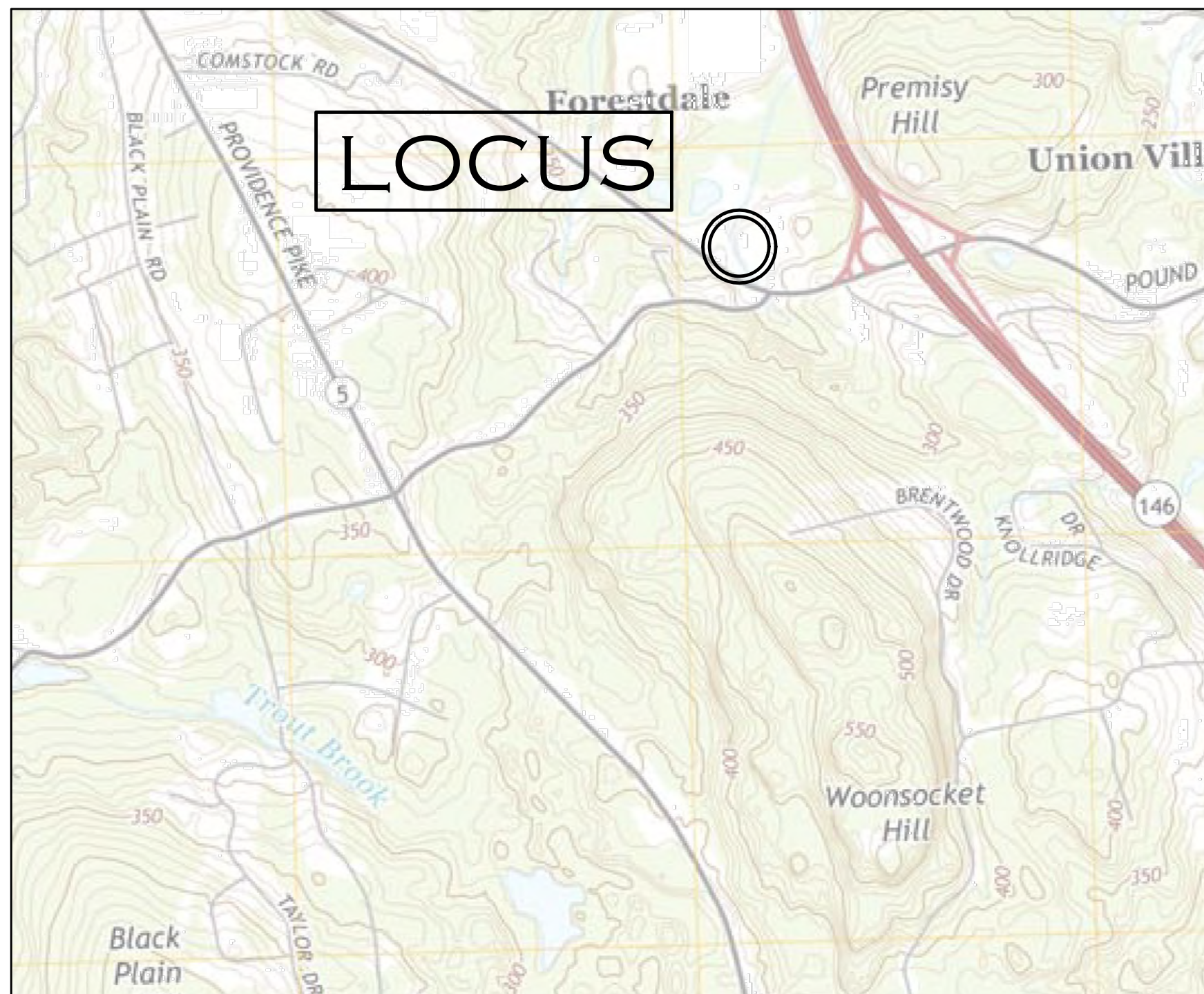


Proposed Site Plan
of
"BEEF BARN"
in
North Smithfield, Rhode Island 02896
Date: February 07, 2020



LOCATION MAP
NOT TO SCALE

INDEX OF DRAWINGS

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"

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



SITE MAP
SCALE 1" = 250'



TOWN OF N. SMITHFIELD

TOWN OF N. SMITHFIELD PLANNING BOARD
SITE PLAN APPROVAL

TOWN OF N. SMITHFIELD PLANNING BOARD

DATE APPROVED: _____

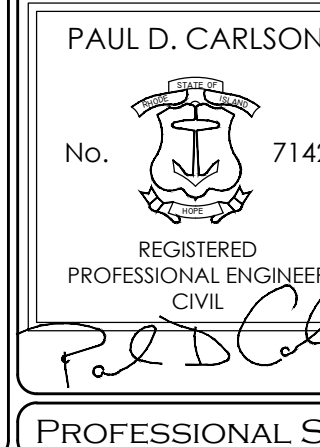
REVISION	DATE	COMMENTS
0	2-7-2020	SITE PLAN SUBMISSION
I	6-24-2020	RIDEM COMMENTS



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



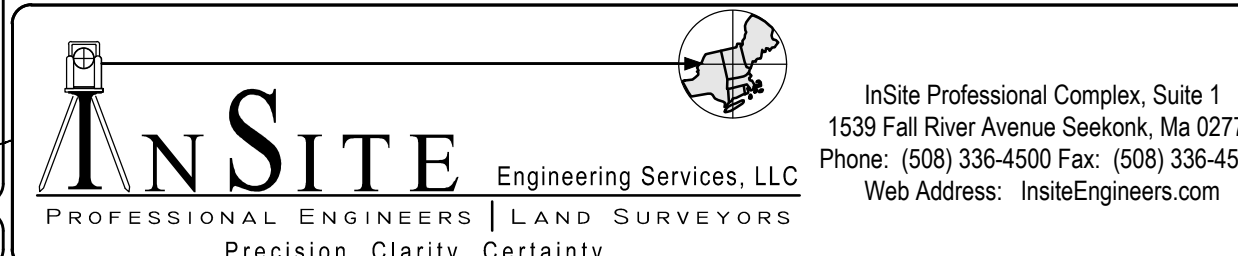
COVER SHEET

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

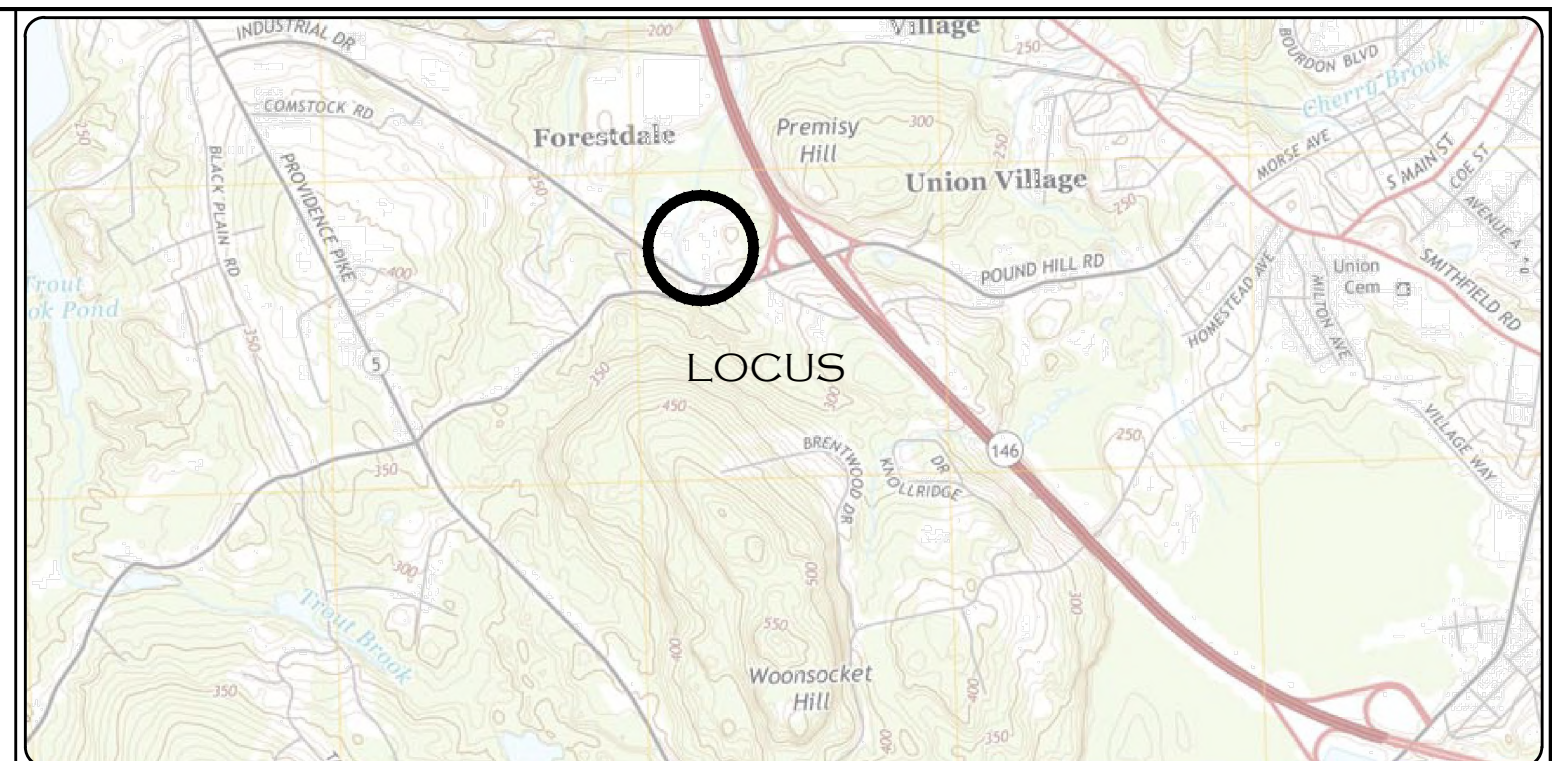
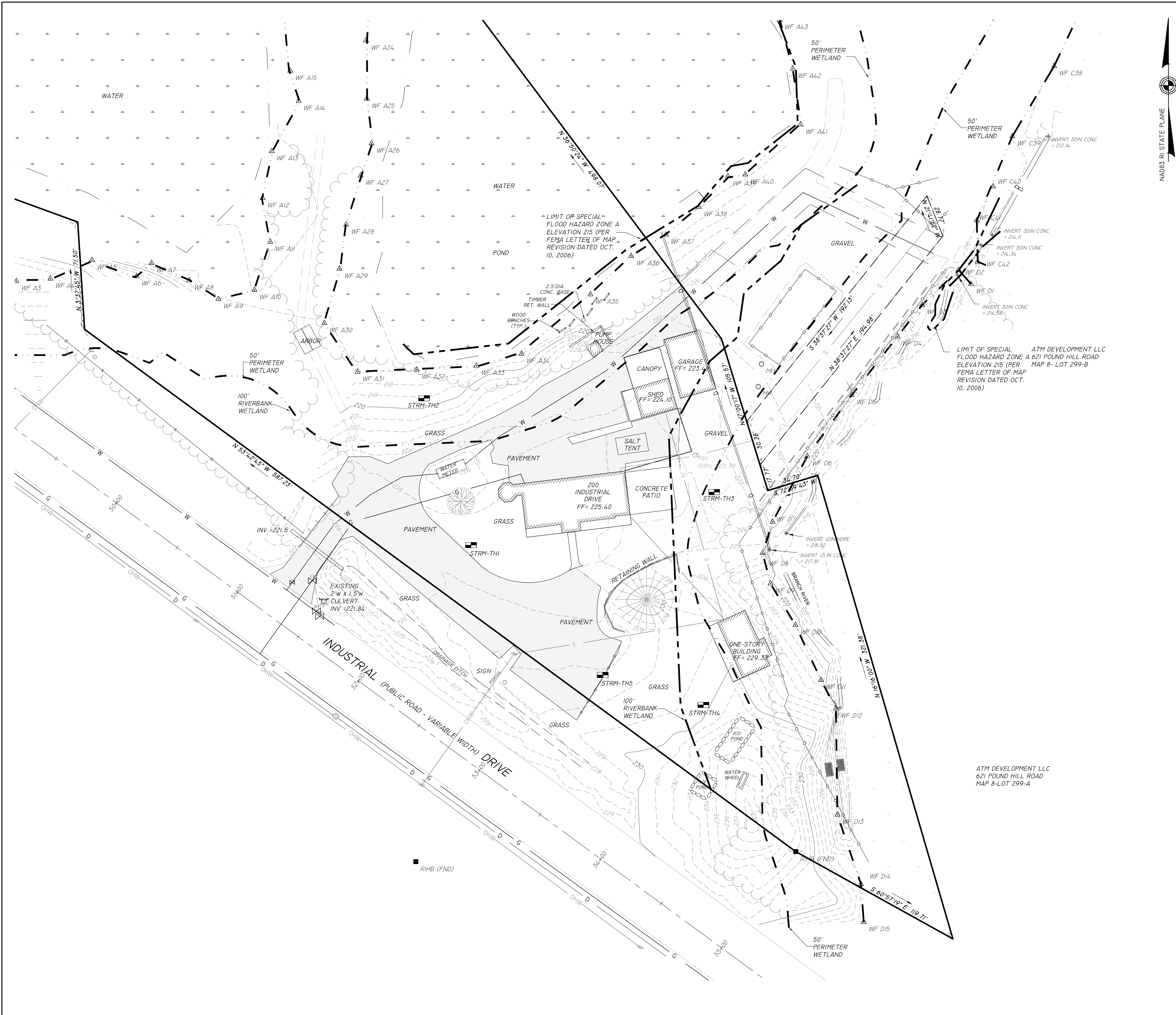
APPLICANT: MARC BRANCAUD
200 INDUSTRIAL DRIVE, NORTH SMITHFIELD, RI

JOB #: 19-048 SCALE: AS SHOWN DRAWN BY: SES DATE: FEBRUARY 07, 2020

REVISED: JUNE 24, 2020



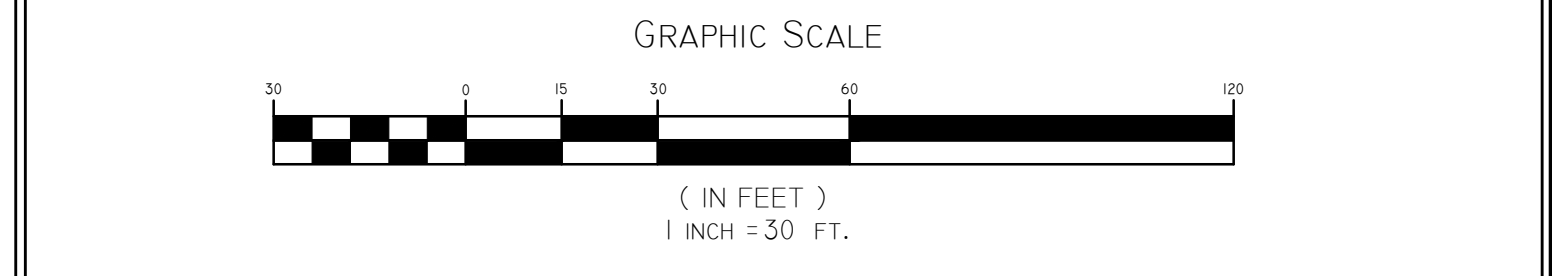
SHEET
1



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
N. SMITHFIELD, RI
 - REFERENCE: DEED BOOK 372- PAGE 283.
 - WETLANDS FLAGGED BY NATURAL RESOURCE SERVICES, INC. ON AUGUST 26, 2019
 - PROPERTY LIES WITHIN A NATURAL HERITAGE AREA AND WITHIN A NON-COMMUNITY WELLHEAD PROTECTION AREA
 - SITE IS LOCATED PARTIALLY WITHIN A FLOOD HAZARD ZONE A (WITHOUT BFE) AS SHOWN ON FIRM PANEL 44007C0156G EFFECTIVE DATE 3/02/2009
 - VERTICAL CONTROL: NAVD 88
HORIZONTAL CONTROL: RI STATE PLANE COORDINATES NAD83 USFT
 - 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' |



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

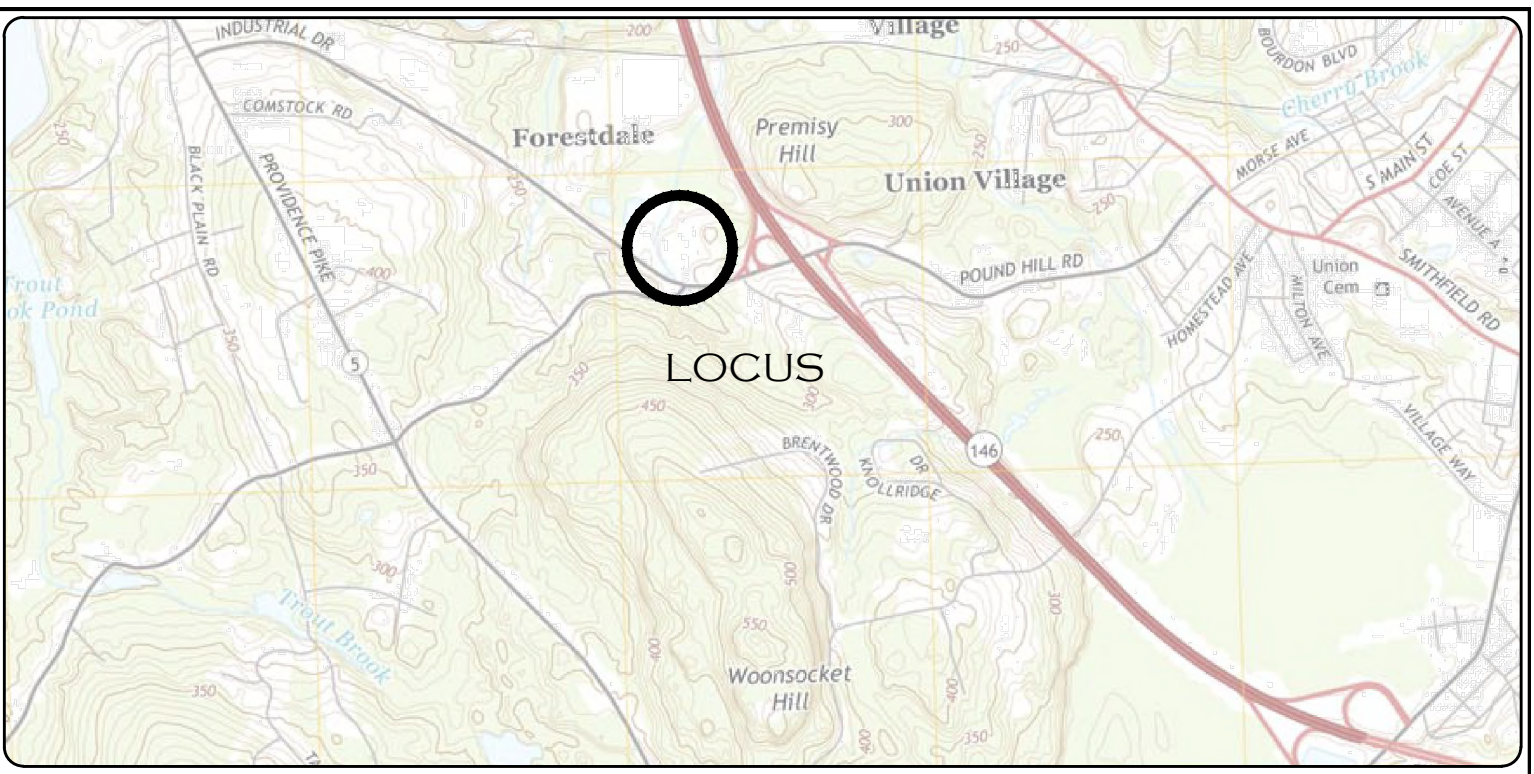
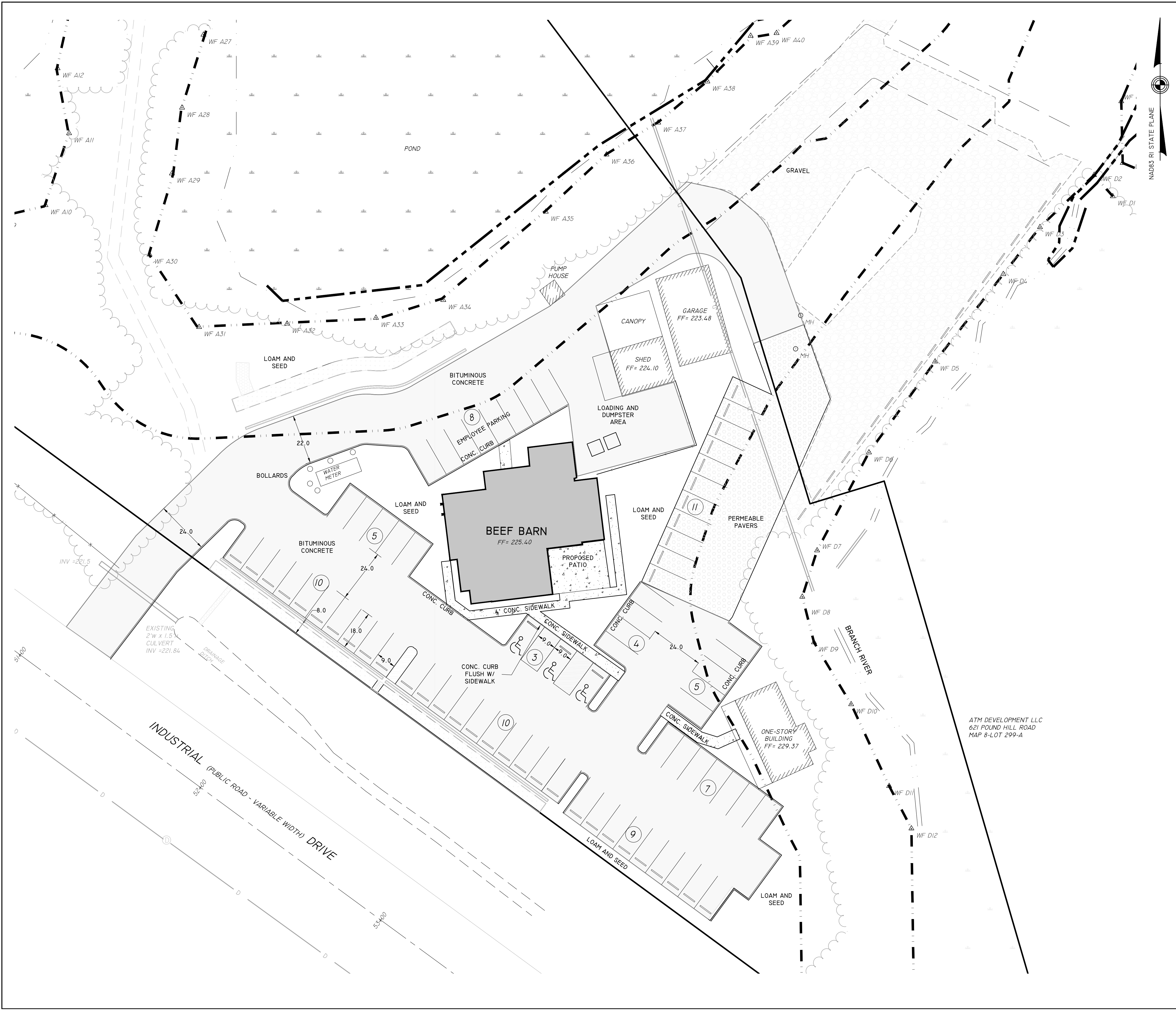
REVISED: JUNE 24, 2020

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

INSITE Engineering Services, LLC
PROFESSIONAL ENGINEERS | LAND SURVEYORS
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Web Address: InSiteEngineers.com

SHEET
2
OF 8

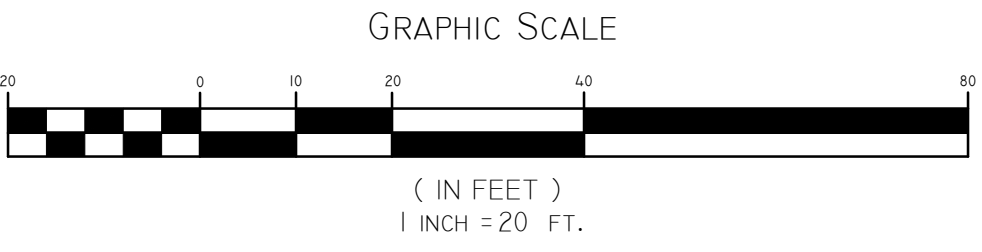


GENERAL NOTES:

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
4. REFERENCE: DEED BOOK 372- PAGE 283.
5. WETLANDS FLAGGED BY NATURAL RESOURCE SERVICES, INC. ON AUGUST 26, 2019
6. PROPERTY LIES WITHIN A NATURAL HERITAGE AREA AND WITHIN A NON-COMMUNITY WELLHEAD PROTECTION AREA
7. SITE IS LOCATED PARTIALLY WITHIN A FLOOD HAZARD ZONE A (WITHOUT BFE) AS SHOWN ON FIRM PANEL 44007C01566 EFFECTIVE DATE 3/02/2009
8. 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'



LAYOUT AND PARKING PLAN

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

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

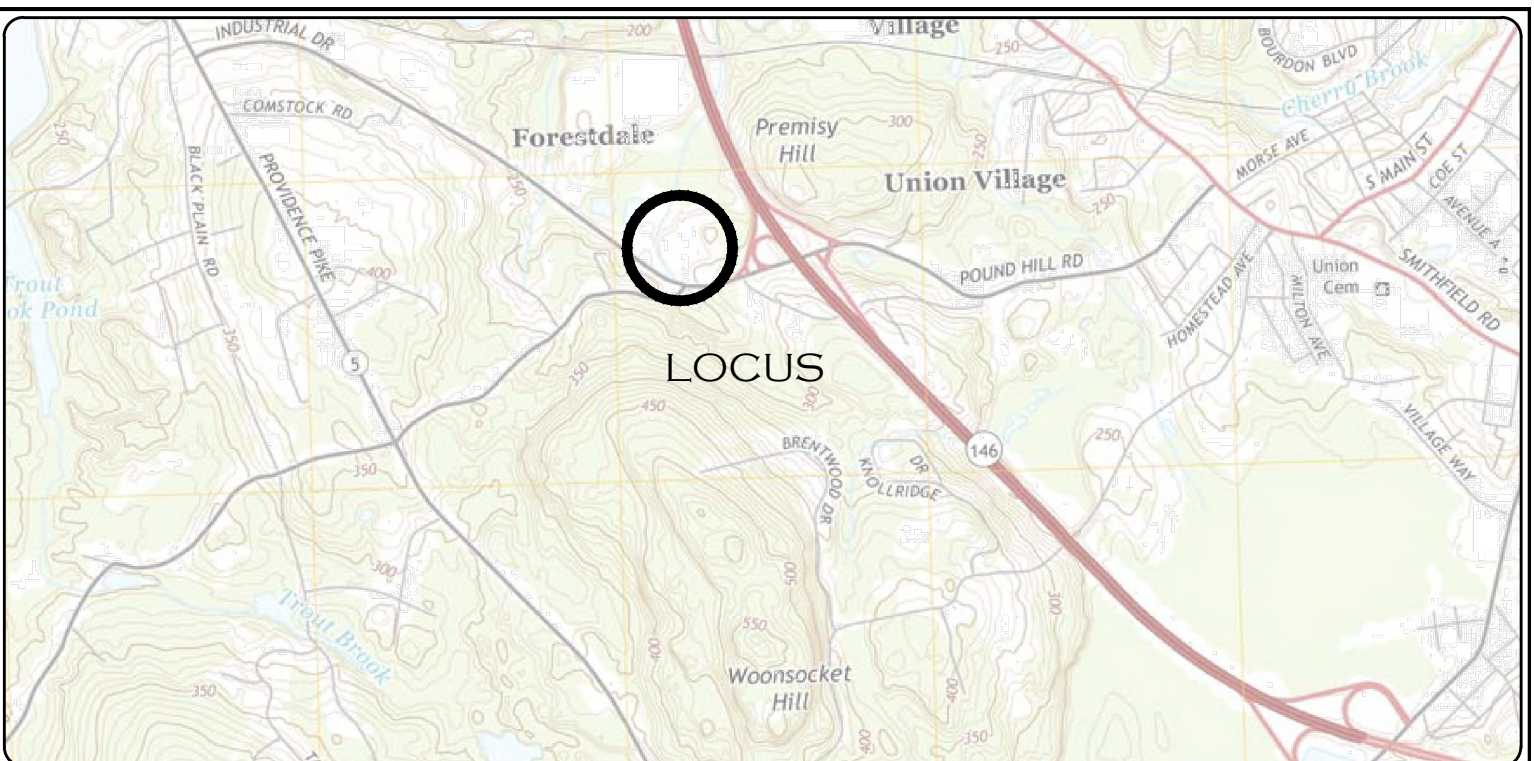
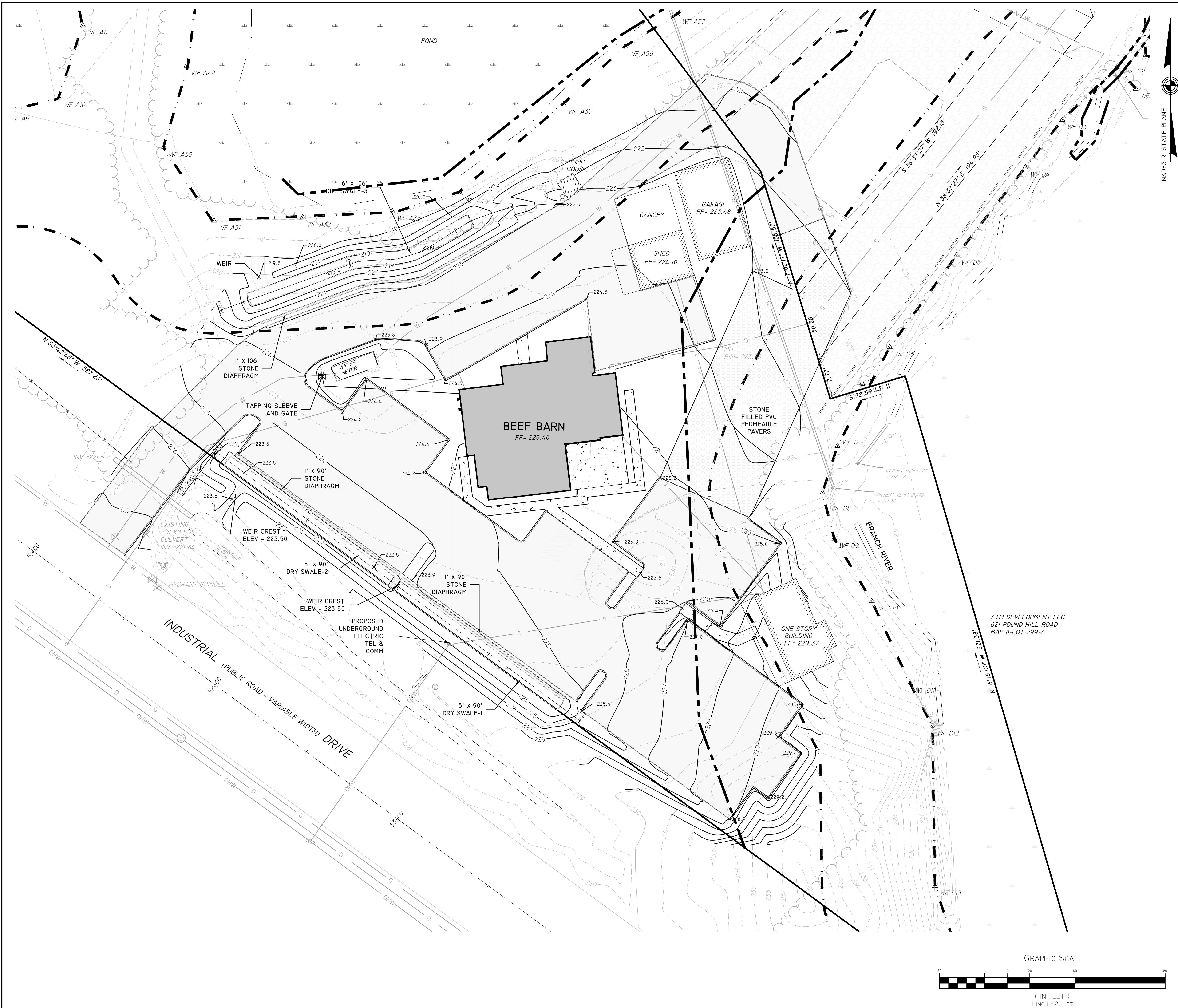
APPLICANT: MARC BRANCAUD
200 INDUSTRIAL DRIVE, NORTH SMITHFIELD, RI

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

REVISED: JUNE 24, 2020

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Web Address: InsiteEngineers.com



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 1/2" 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.

GRADING AND UTILITIES PLAN

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 BRANCAUD
200 INDUSTRIAL DRIVE, NORTH SMITHFIELD, RI

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

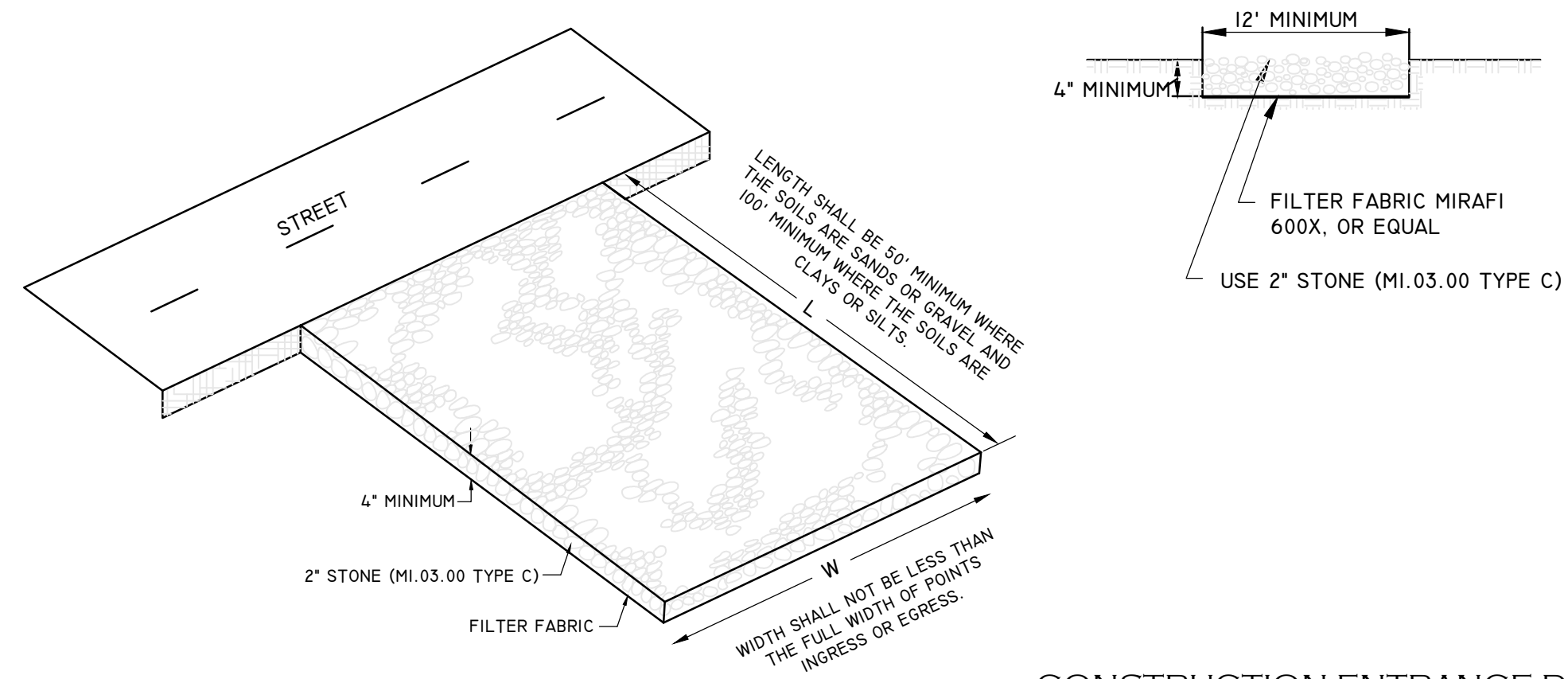
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SHEET
4
OF 8



A:
6'
M:

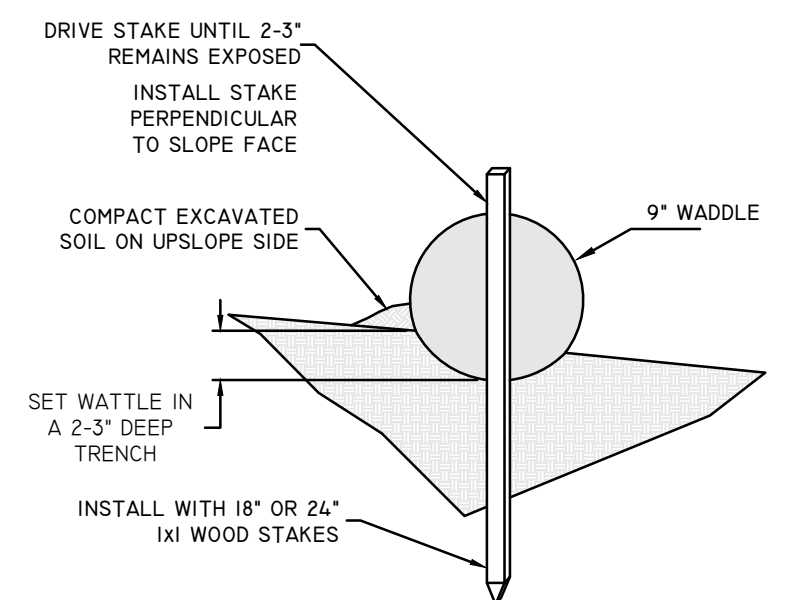
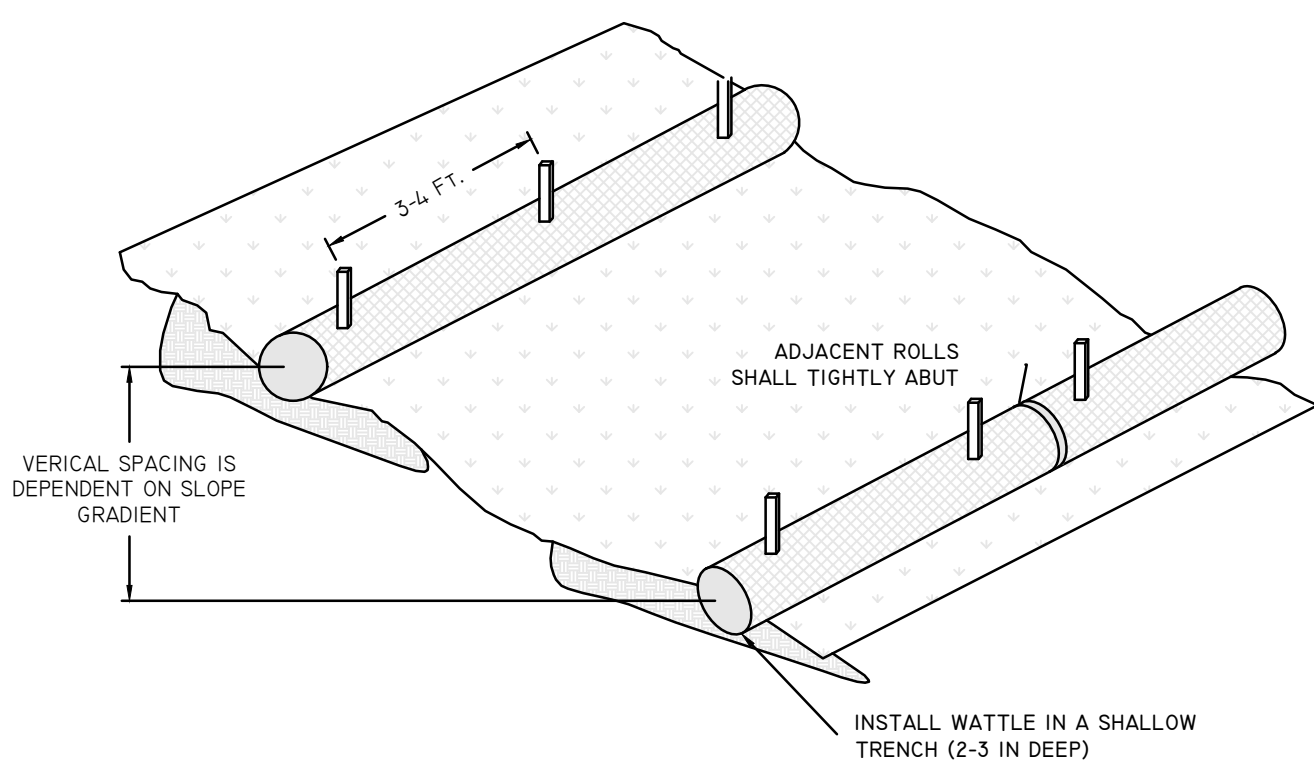


CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE

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.

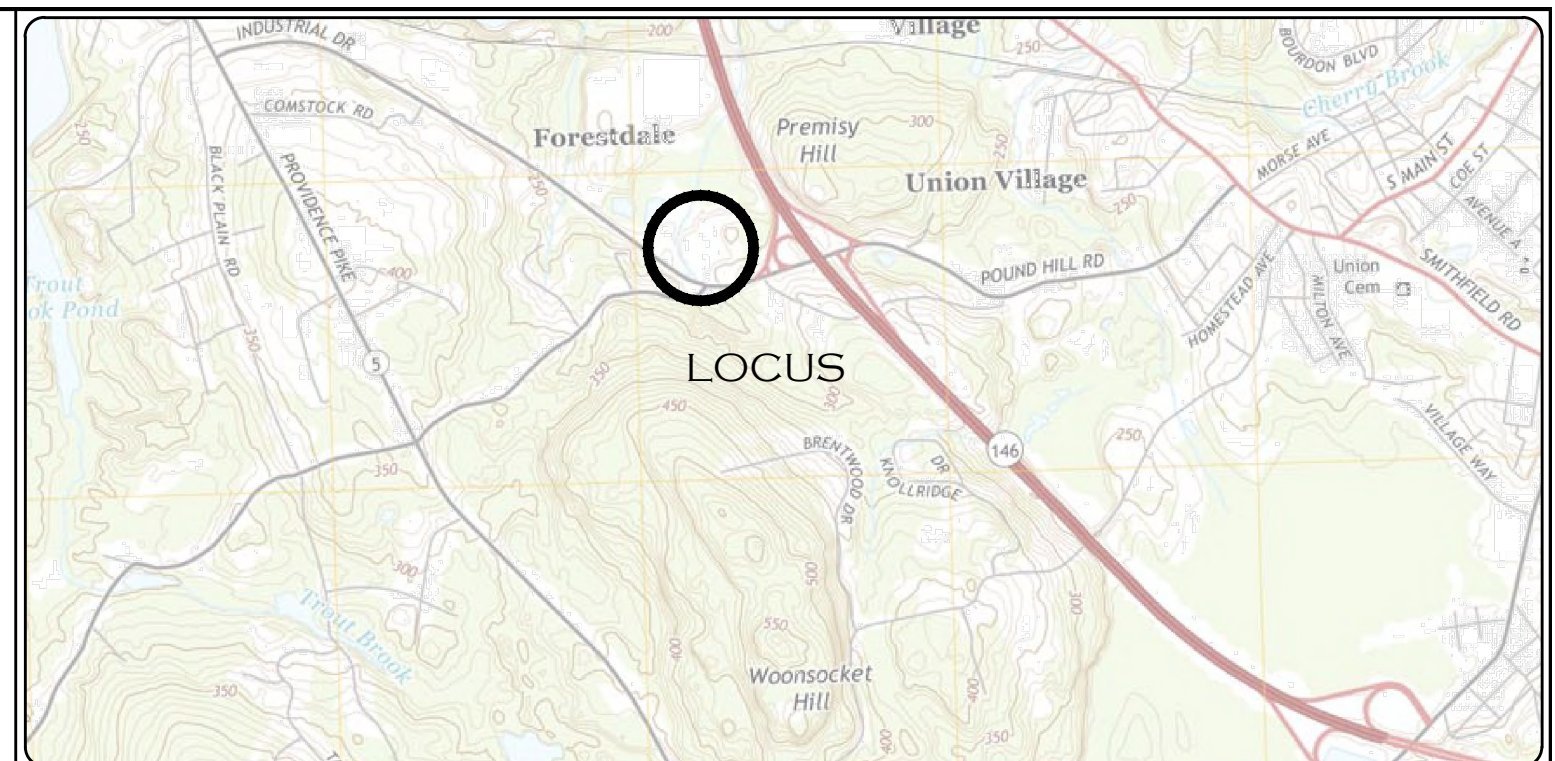
LOCATION
SEE EROSION CONTROL SHEET FOR LOCATION OF CONSTRUCTION ENTRANCE.



CROSS SECTION

- GENERAL NOTES:**
- BEGIN AT THE LOCATION WHERE WATTLE IS TO BE INSTALLED BY EXCAVATING 2-3' DEED x 9" WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP SLOPE FROM THE ANCHOR TRENCH.
 - 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.
 - 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 OF THE WATTLE LEAVING AT LEAST 2-3" OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.
 - CONTRACTOR IS RESPONSIBLE TO MAINTAIN INTEGRITY OF STRAW WATTLE FOR DURATION OF CONSTRUCTION.
 - EROSION CONTROLS TO REMAIN UNTIL SOIL CONDITIONS STABILIZE.
 - 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



LOCATION (NOT TO SCALE) MAP

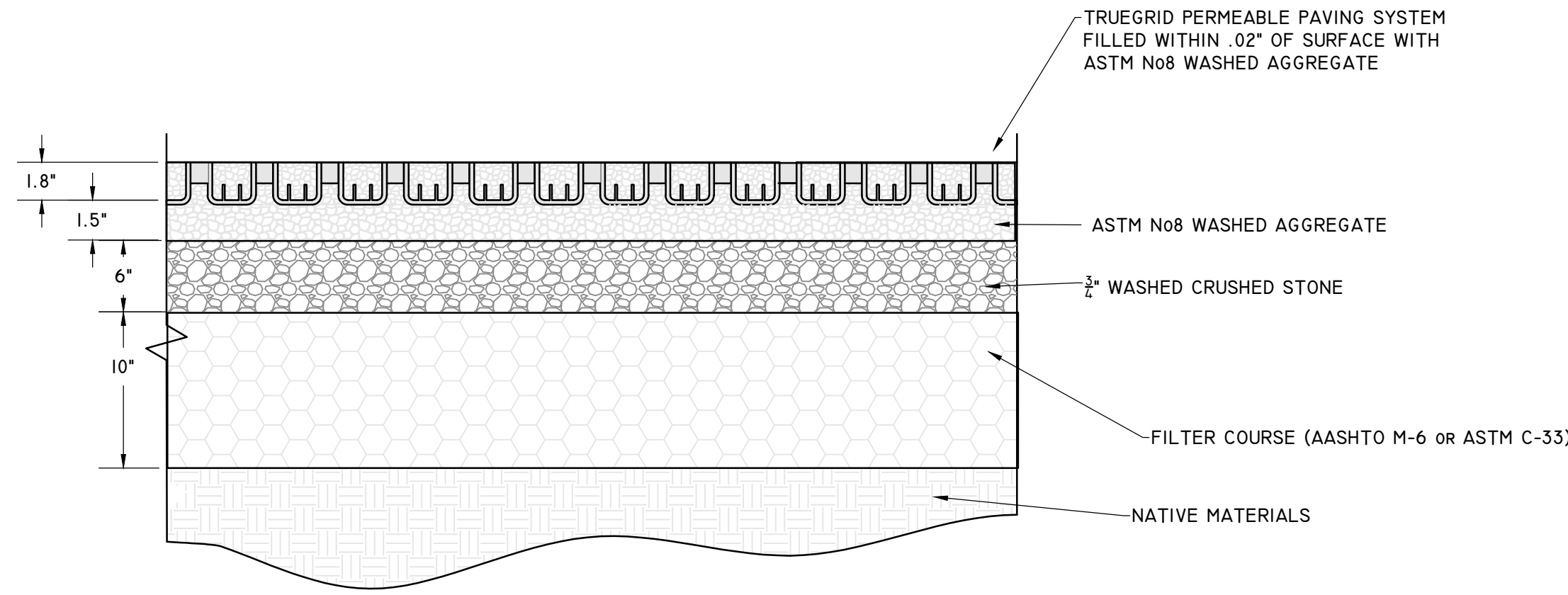
EROSION & SEDIMENT CONTROL NOTES:

- 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.
- 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.
- ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING CONSTRUCTION PERIOD, IF DEEMED NECESSARY BY THE ENGINEER OR OWNERS REPRESENTATIVE
- ALL SLOPES GREATER THAN 4:1 SHALL INSTALL AN EROSION CONTROL BLANKET. THE PRODUCT SHALL BE INSTALLED TO MANUFACTURES RECOMMENDATION AND APPROVED BY THE ENGINEER.
- SEEDING MIXTURE FOR FINISHED GRASSED AREAS WILL BE AS DIRECTED IN LANDSCAPE NOTES NOT SEEDED SHALL BE STABILIZED WITH HAY BALE CHECK, FILTER FABRIC OF WOODEN MULCH AS REQUIRED TO CONTROL EROSION.
- 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. FERTILIZE 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.
- 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.
- 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.
- 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.
- 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.
- SEDIMENT SHALL BE REMOVED ONCE THE VOLUME REACHES 1/2 TO 1/3 THE HEIGHT OF THE SILT FENCE OR HAY BALE
- ALL STOCKPILES SHALL BE SURROUNDED BY SEDIMENT CONTROLS
- DISTURBED AREAS REMAINING IDLE FOR MORE THAN 14 DAYS SHALL BE STABILIZED.
- ALL FACILITIES USED AS TEMPORARY MEASURES SHALL BE CLEANED PRIOR TO BEING PUT INTO FINAL OPERATION.

EROSION AND SEDIMENT CONTROL PLAN

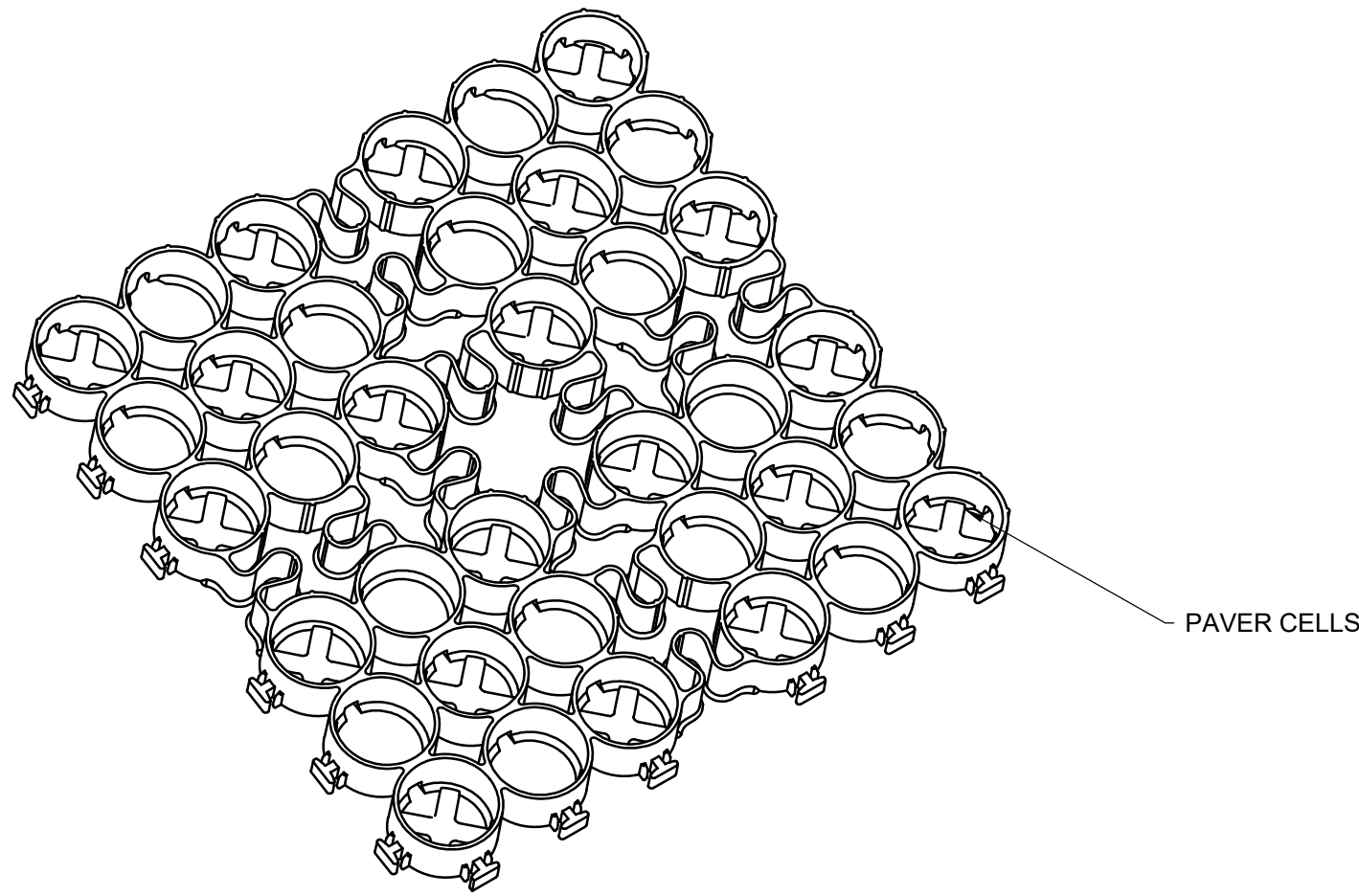
	"BEEF BARN"			
	200 INDUSTRIAL DRIVE, N SMITHFIELD, RI			
	ASSESSORS MAP 8 LOT 300			
	APPLICANT: MARC BRANCHAUD			
	200 INDUSTRIAL DRIVE, NORTH SMITHFIELD, RI			
JOB # 19-048	SCALE: 1"= 30'	DRAWN BY: SES	DATE: FEBRUARY 7, 2020	
REVISED: JUNE 24, 2020				

		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	
		PRECISION. CLARITY. CERTAINTY.	



PERMEABLE PAVER DETAIL

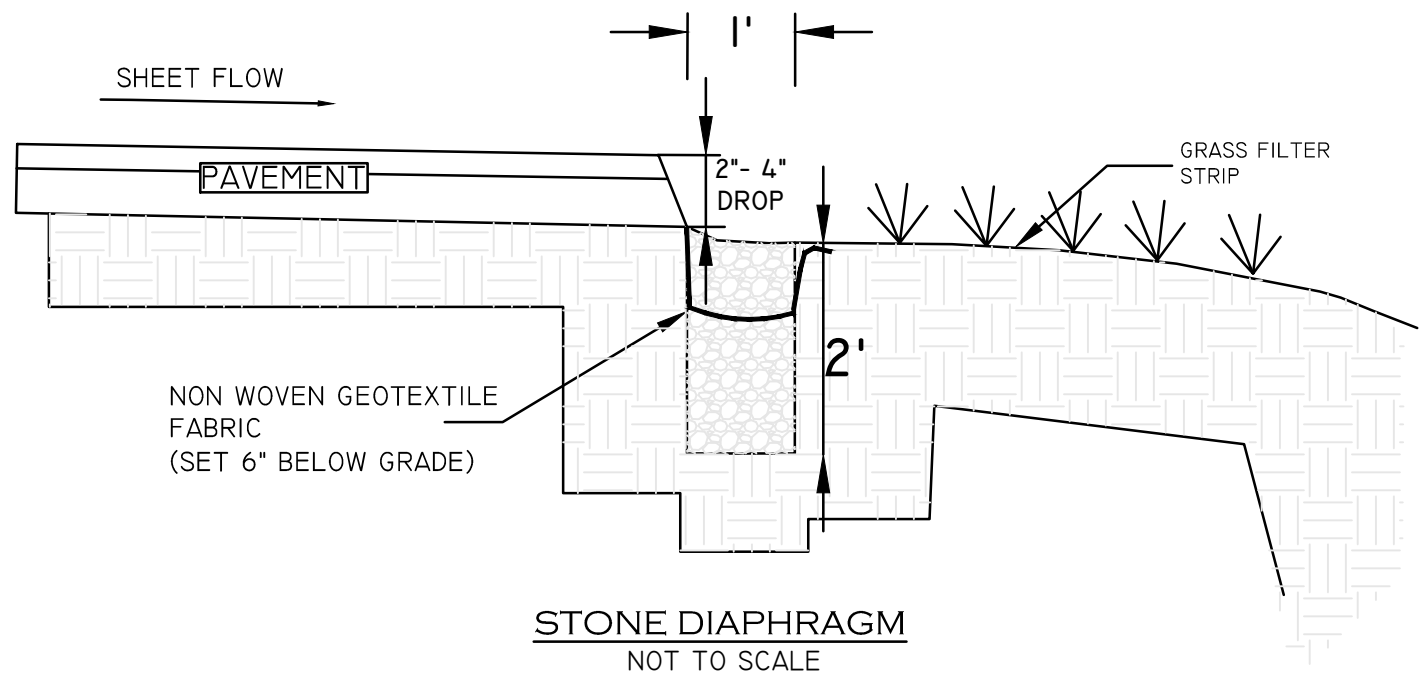
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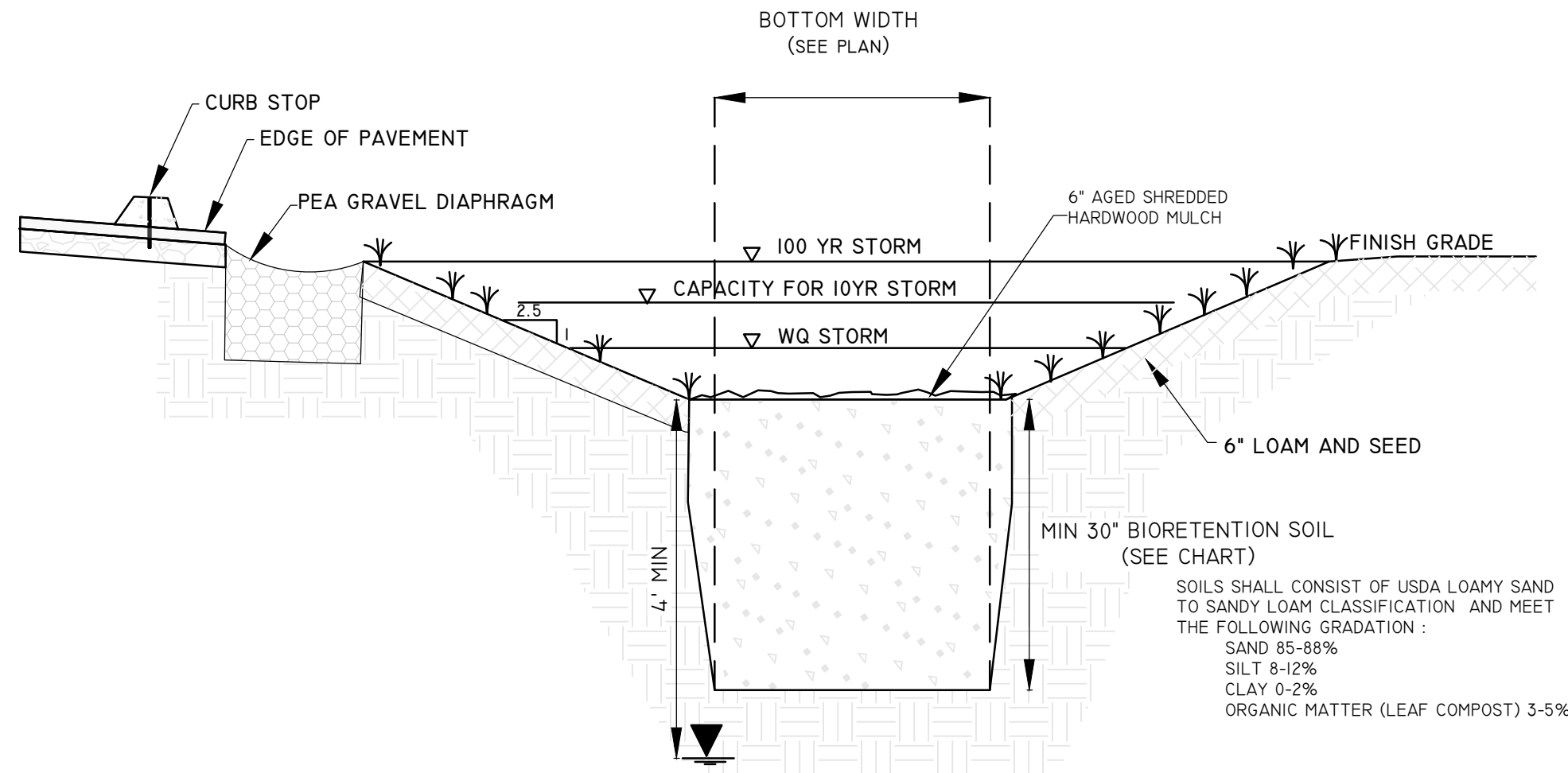
TRUEGRID BLOCK REFERENCE VIEW
PREASSEMBLED & DELIVERED IN 4' X 4' SHEET. RECONFIGURED
AS NEEDED.NO EXTRA TOOLING OR ACCESSORIES REQUIRED

NOTES:

1. SUB-BASE DEPTH AND PREPARATION IS DEPENDENT ON SITE CONDITIONS PLUS LOADING REQUIREMENTS.
2. TRUEGRID PRO PLUS PRODUCTS DESIGNED FOR LOAD CAPACITIES OF 120,000 LBS PER SQ. FT. TRUEGRID PRODUCTS STRENGTHEN WITH FILL MATERIAL.
3. TRUEGRID PRO PLUS PRODUCTS ARE SUFFICIENTLY RATED FOR H-20 /HS-20 LOADING AND GREATER.
4. GEOGRID MESH OR GEOFABRIC MAY BE REQUIRED BETWEEN SUB-GRADE & SUB-BASE FOR CERTAIN SOILS AND SITE SPECIFIC REQUIREMENTS.
5. INCREASE SUB-BASE DEPTH FOR INCREASED STORM WATER DETENTION.
6. NO STAKING NECESSARY WITH TRUEGRID PRO PLUS WHEN SLOPE IS BELOW 10 DEGREES. ASSESS PROJECT, AS NEEDED.
7. 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.
8. THIS CROSS SECTION IS FOR INFORMATION ONLY.

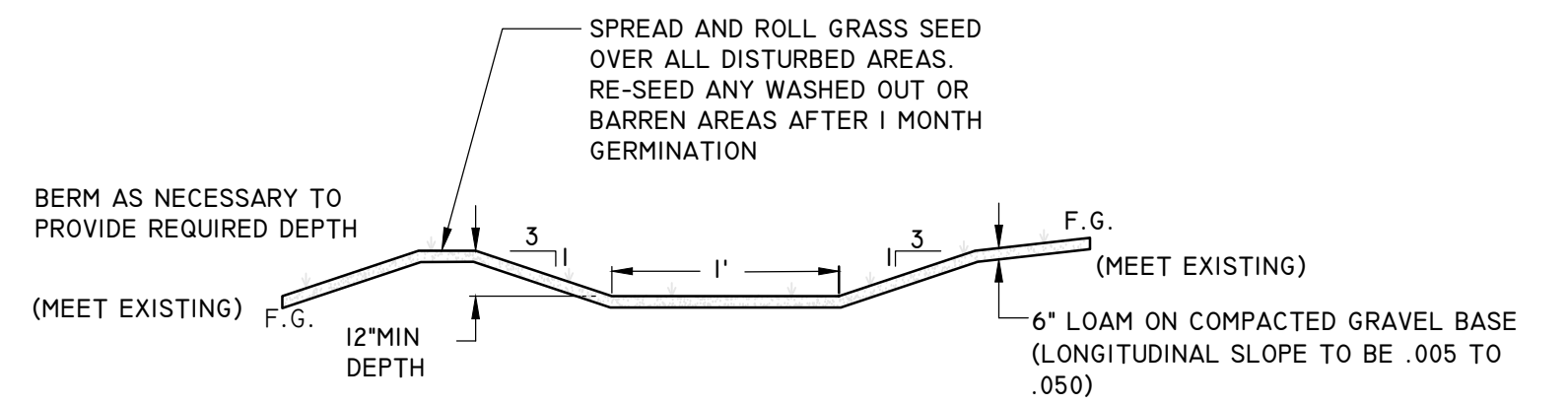


STONE DIAPHRAGM
NOT TO SCALE

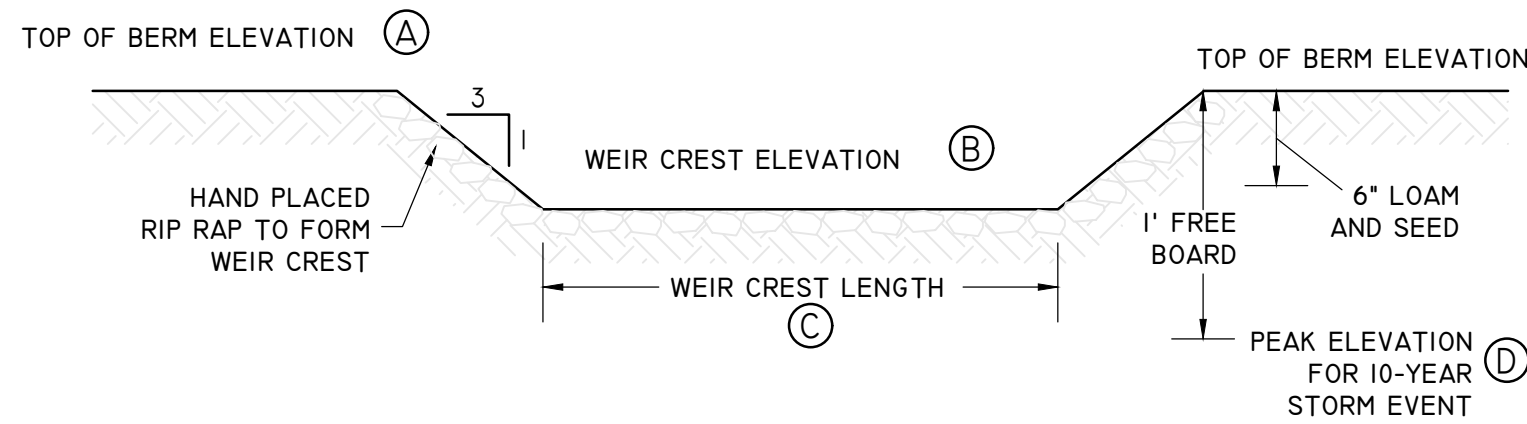


	LENGTH	WIDTH	DEPTH
DRY SWALE 1	90'	5'	3.5'
DRY SWALE 2	90'	5'	3.5'
DRY SWALE 3	106'	6'	3.0'

DRY SWALE
NOT TO SCALE



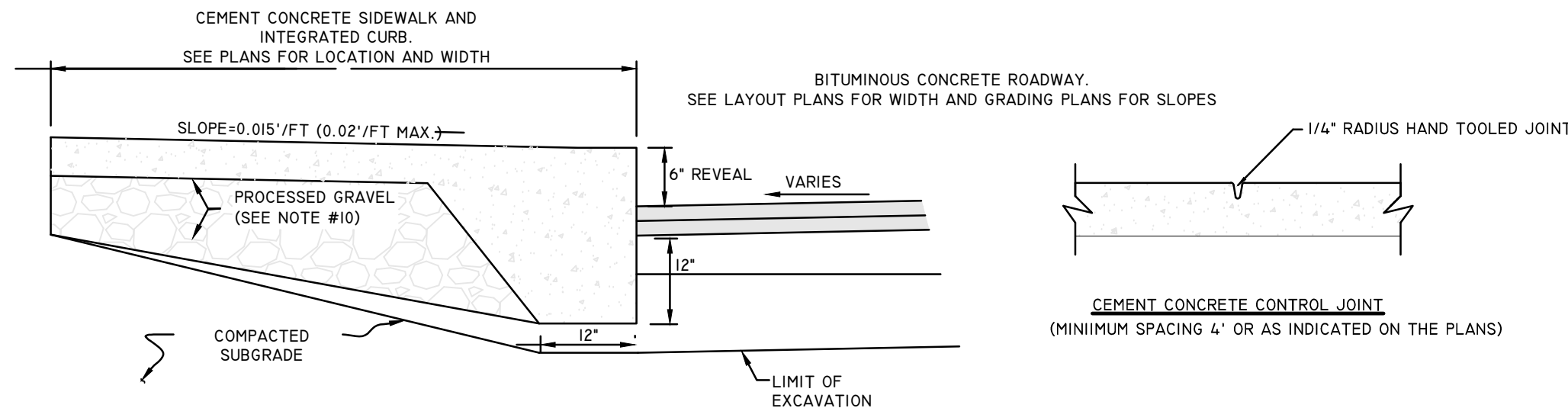
GRASS SWALE SECTION
NOT TO SCALE



	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:

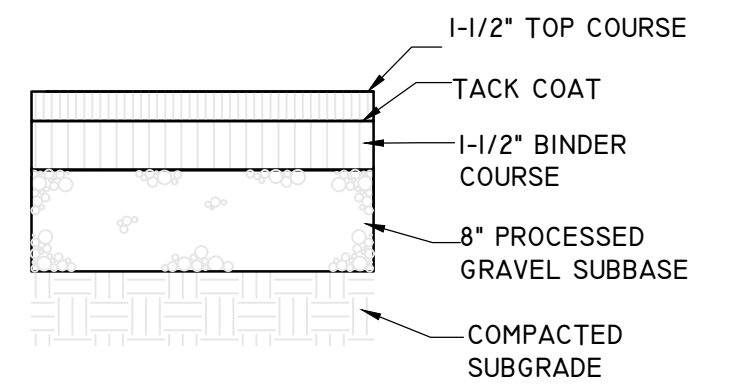
1. CEMENT CONCRETE FOR SIDEWALK SHALL ATTAIN COMPRESSIVE STRENGTH OF 4000 PSI (28 DAYS) WITH AIR ENTRAINMENT OF 8%.
2. CONSTRUCTION JOINTS WITH 1/4\" PREMOLDED EXPANSION JOINT FILLER SHALL BE PLACED EVERY 20 FEET.
3. IF SIDEWALK IS TO ABUT A SMOOTH WALL, FOUNDATION OR STATIONARY OBJECT, PLACE THE EXPANSION JOINT FILLER FULL DEPTH, BETWEEN SIDEWALK CONCRETE AND SURFACE OF WALL, FOUNDATION OR STATIONARY OBJECT.
4. IF SIDEWALK IS TO ABUT 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.
5. THE FORCING OF PREMOLDED EXPANSION JOINT FILLER INTO FRESHLY PLACED CONCRETE WILL NOT BE ALLOWED.

INTEGRATED CURB AND SIDEWALK

NOT TO SCALE

NOTES:

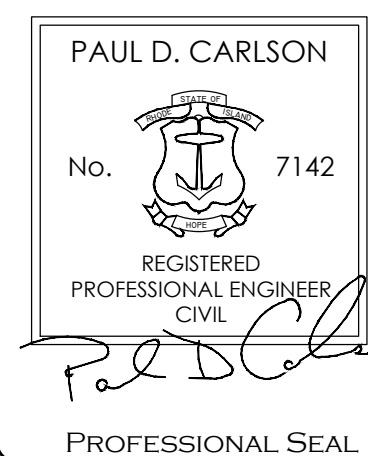
6. THE MAXIMUM TOLERANCE FOR THE 4\" CONCRETE THICKNESS IS 1/2\".
7. GRAVEL BORROW SHALL CONFORM TO MADOT STD. SPECIFICATION MATERIALS SECTION



BITUMINOUS CONCRETE PAVEMENT DETAIL

NOT TO SCALE

SITE DETAIL 1



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

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

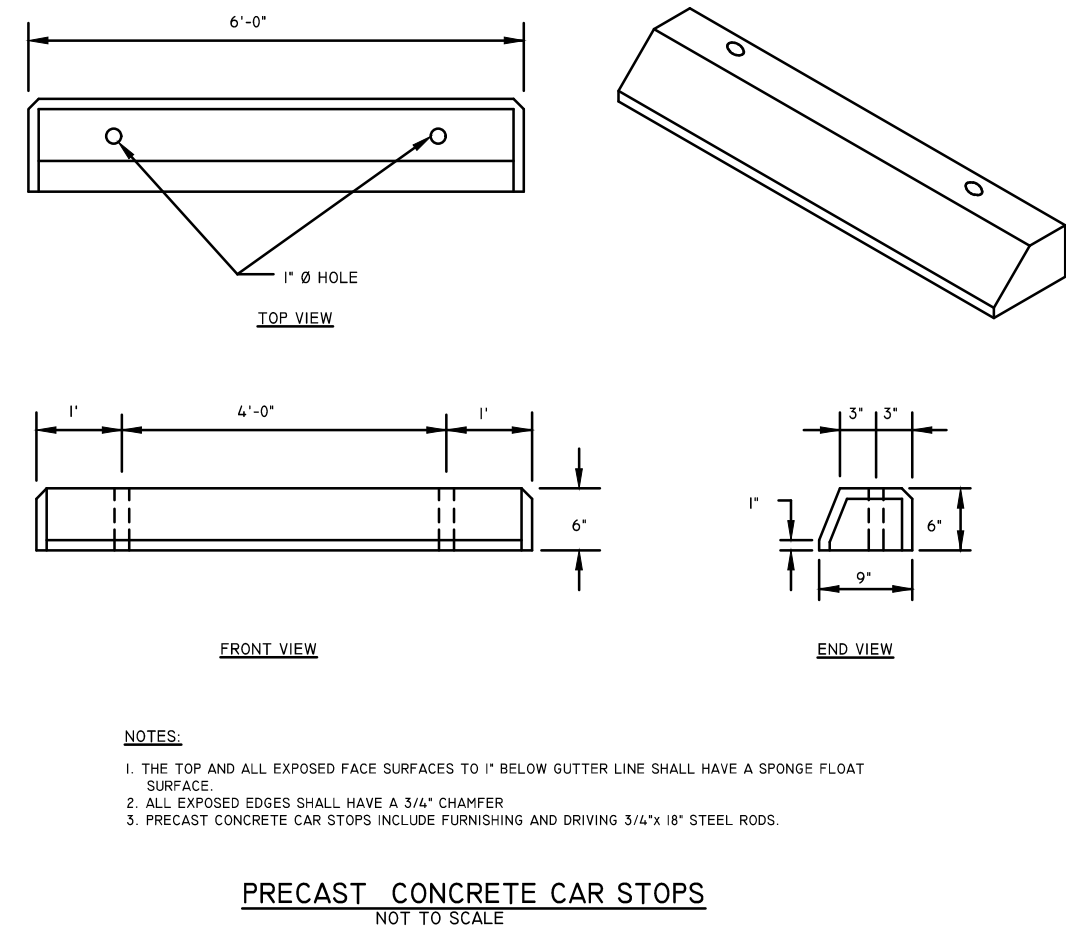
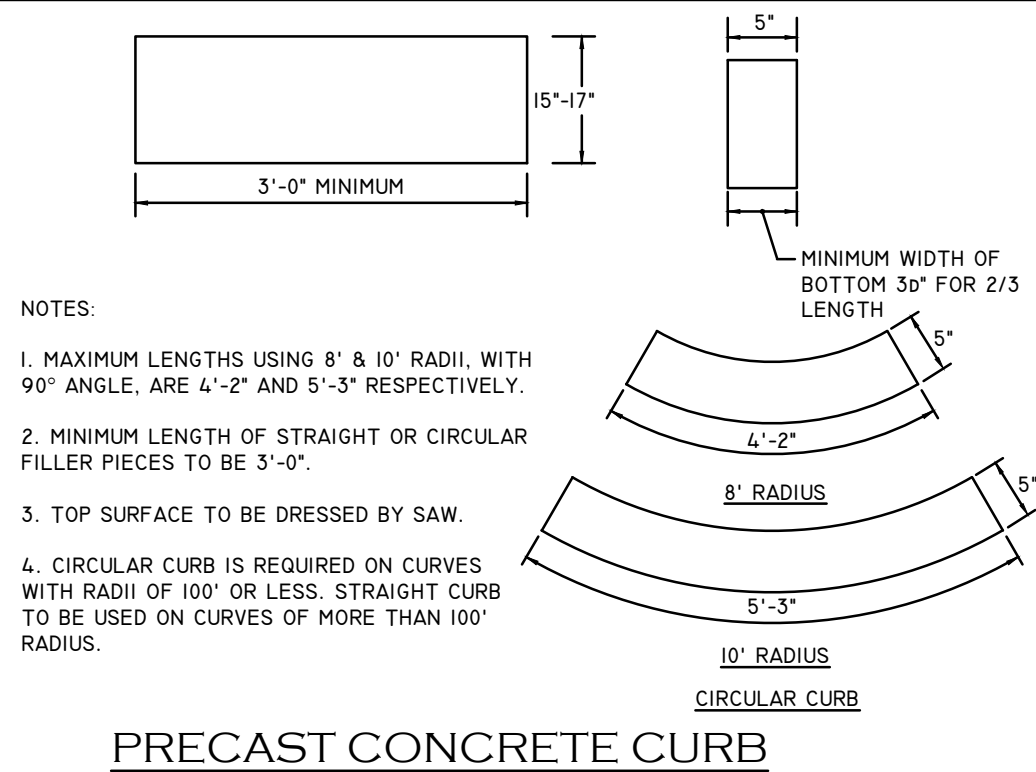
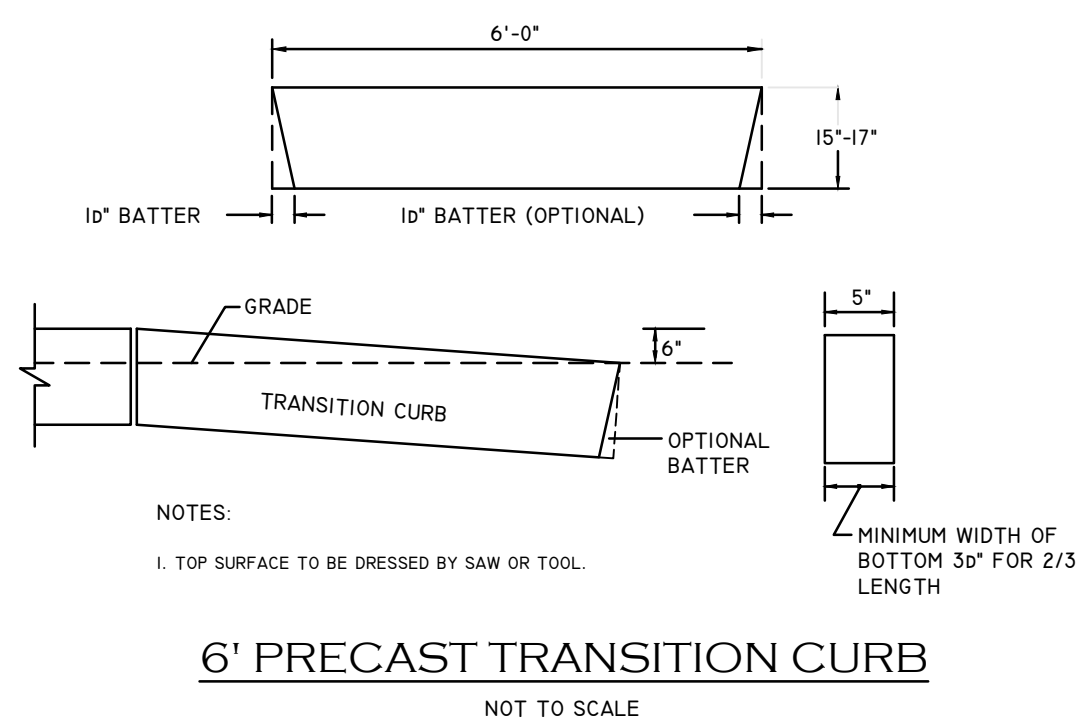
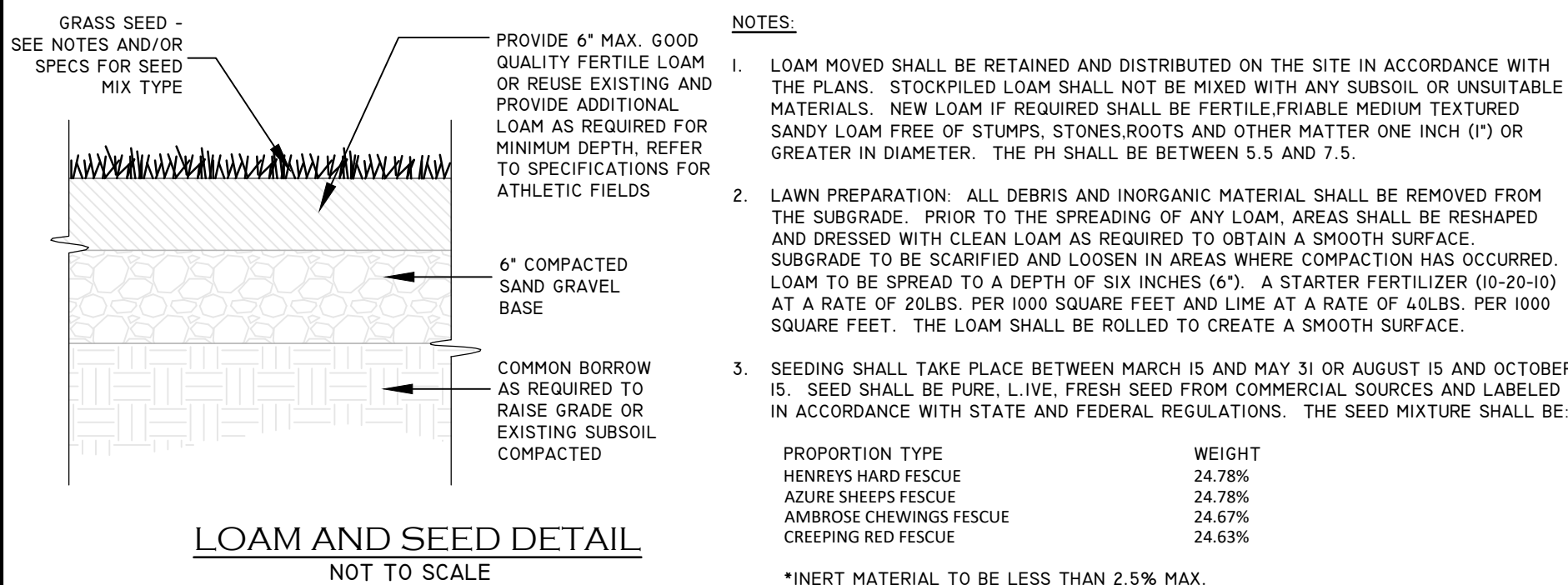
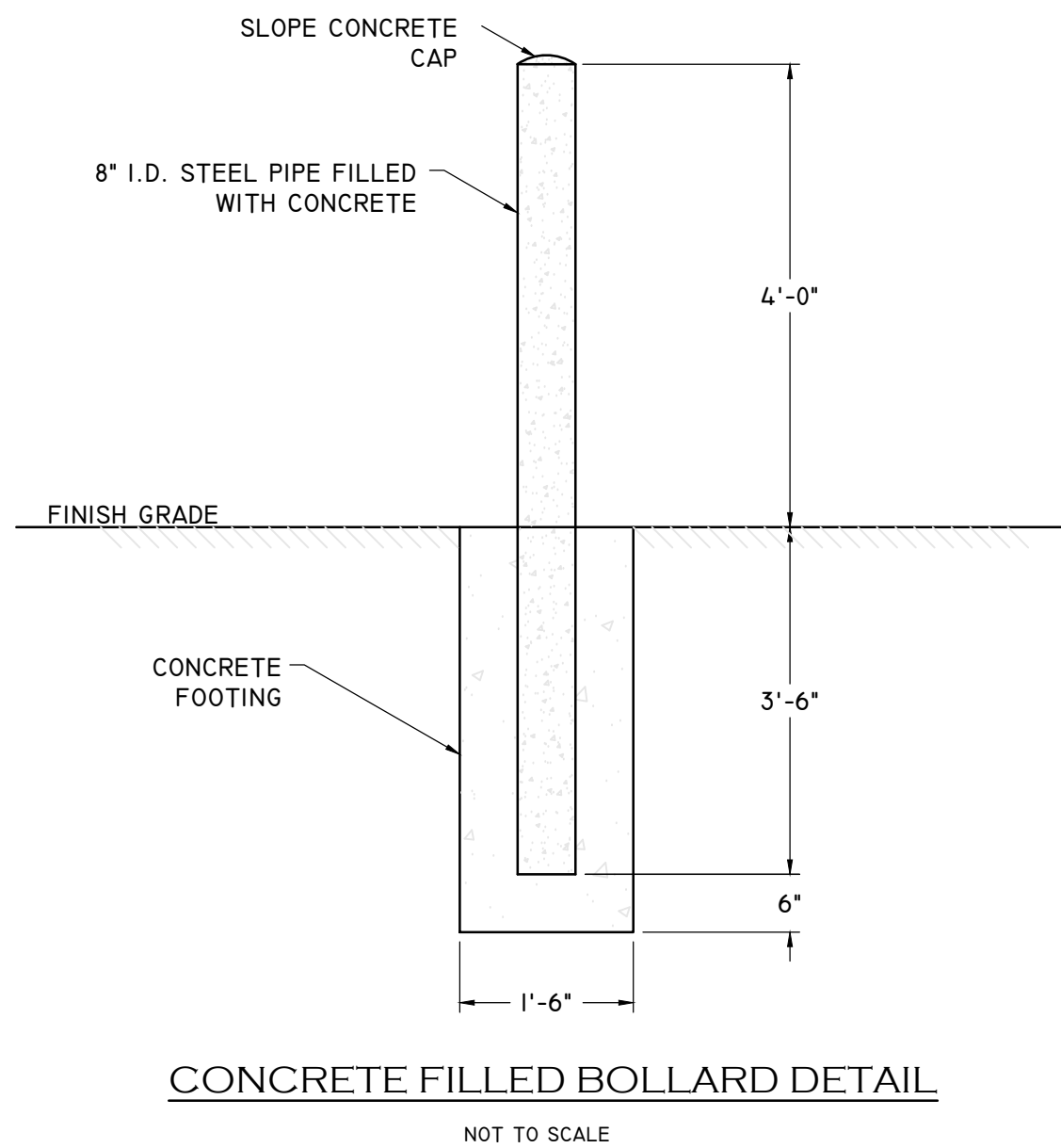
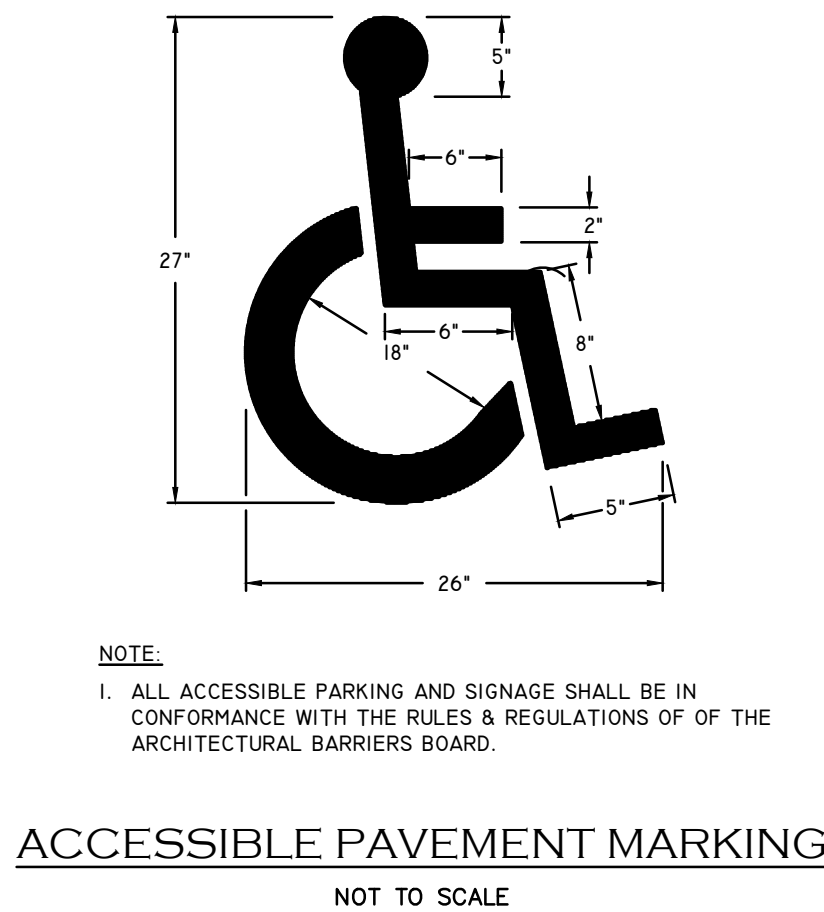
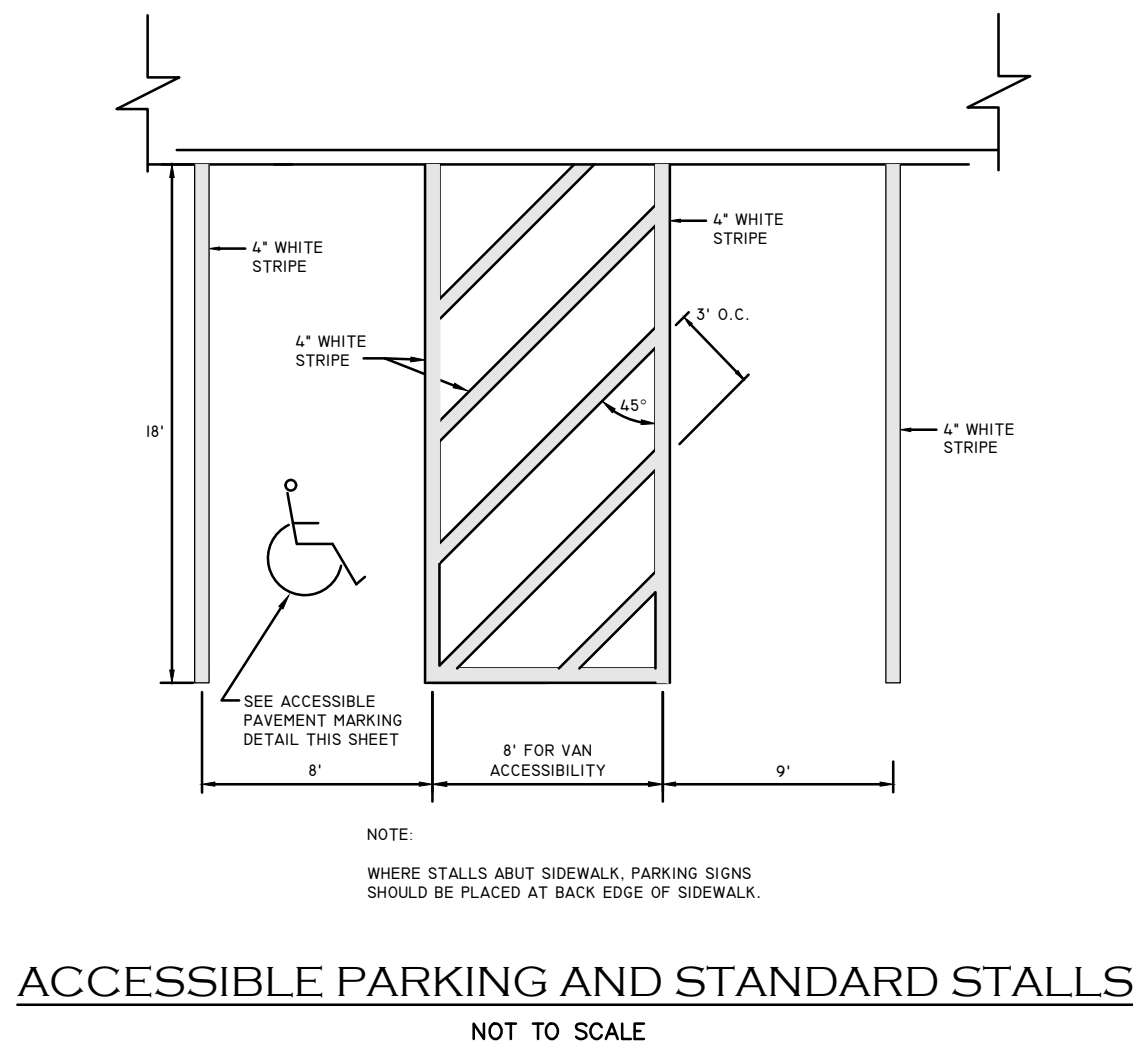
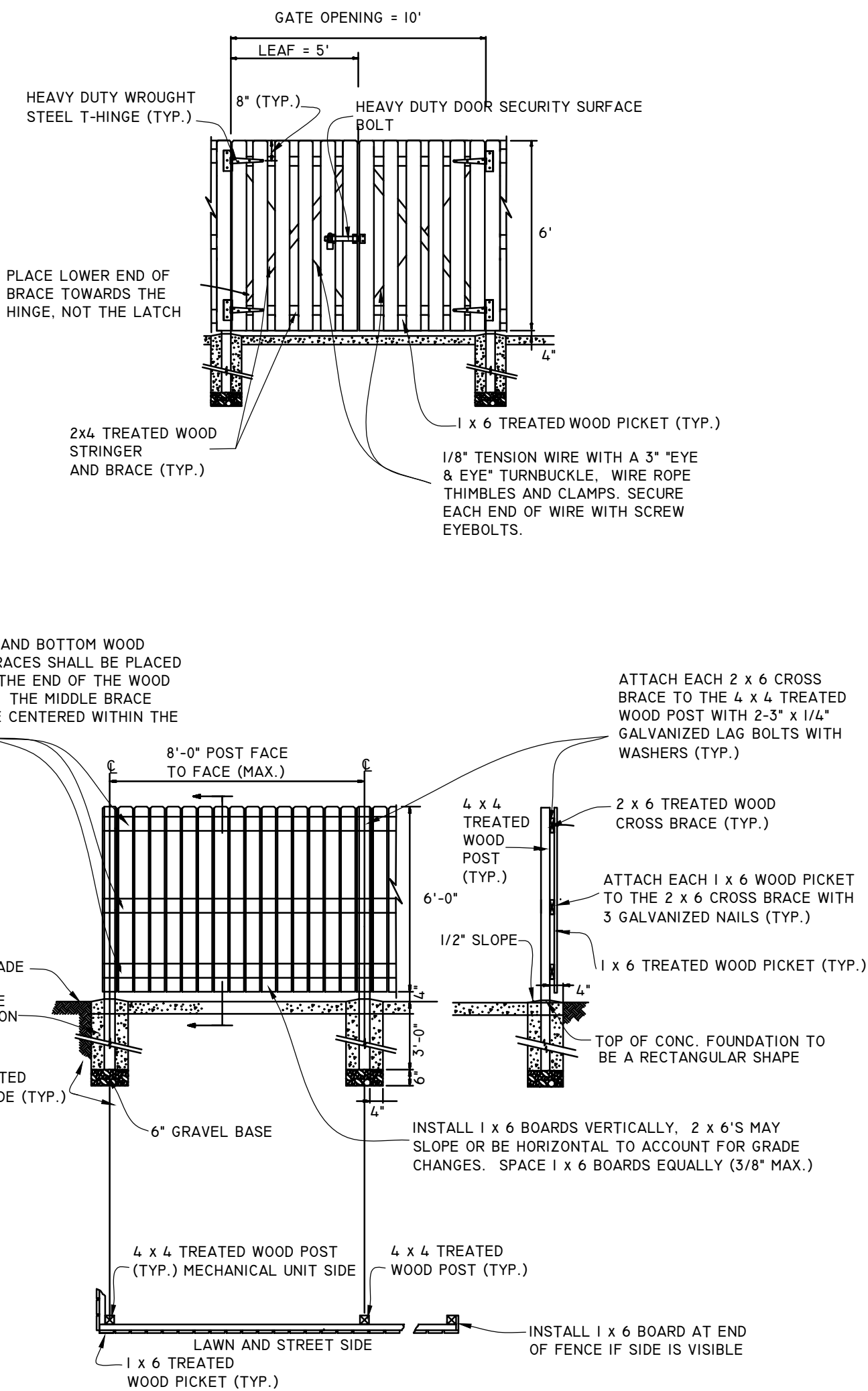
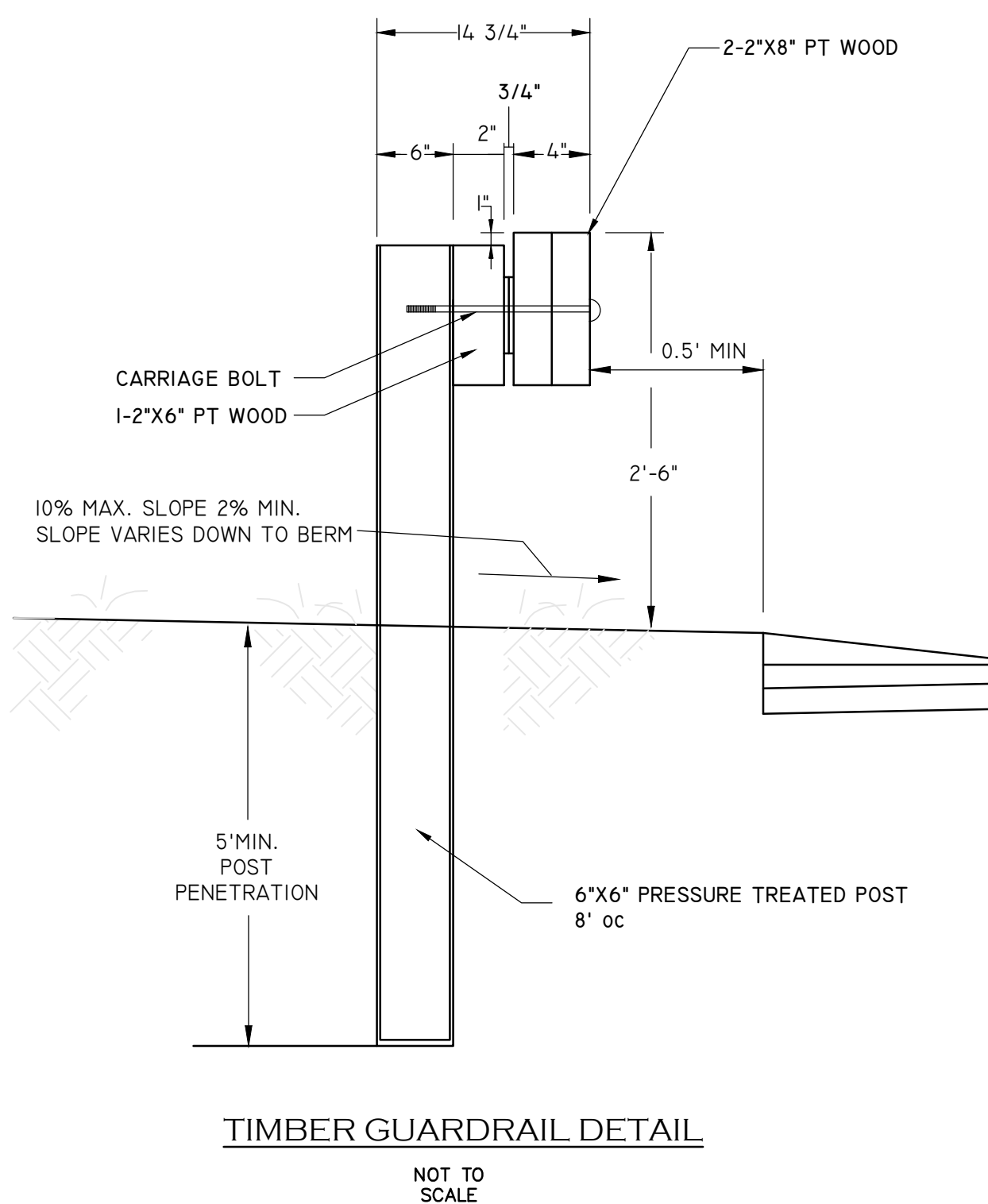
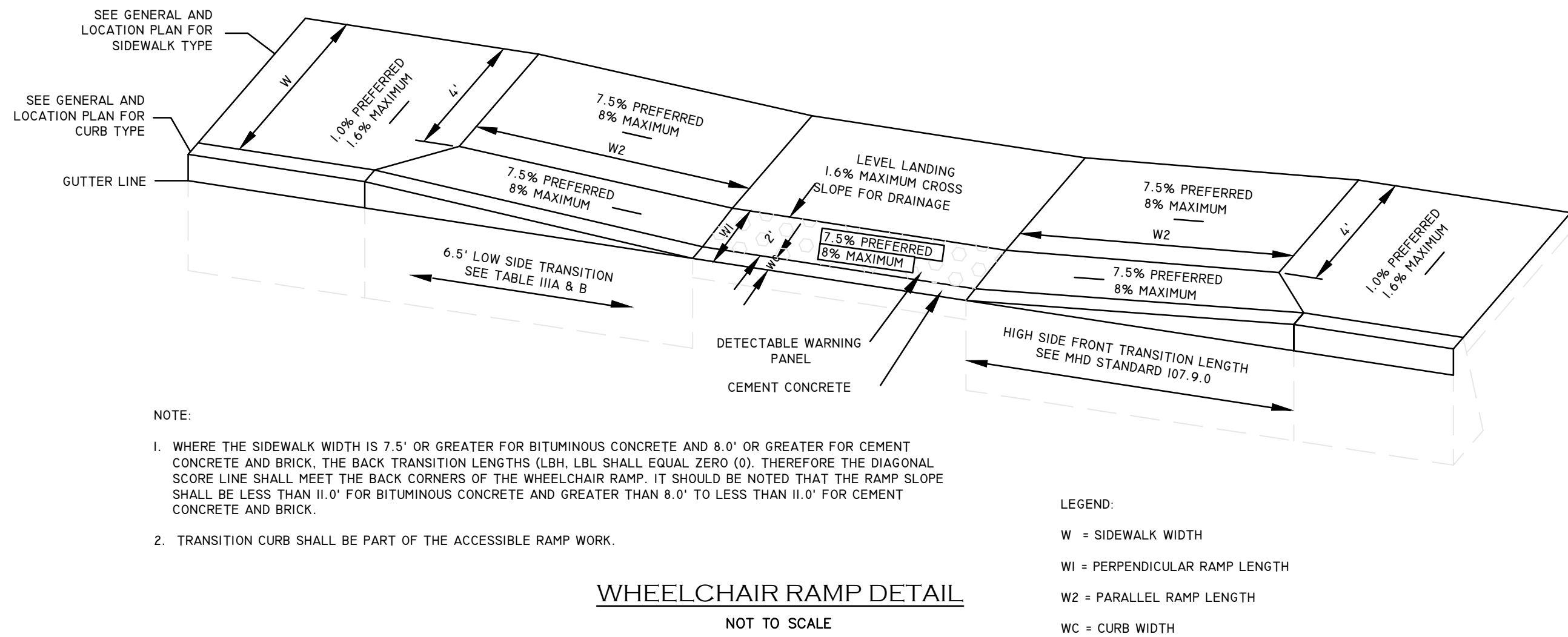
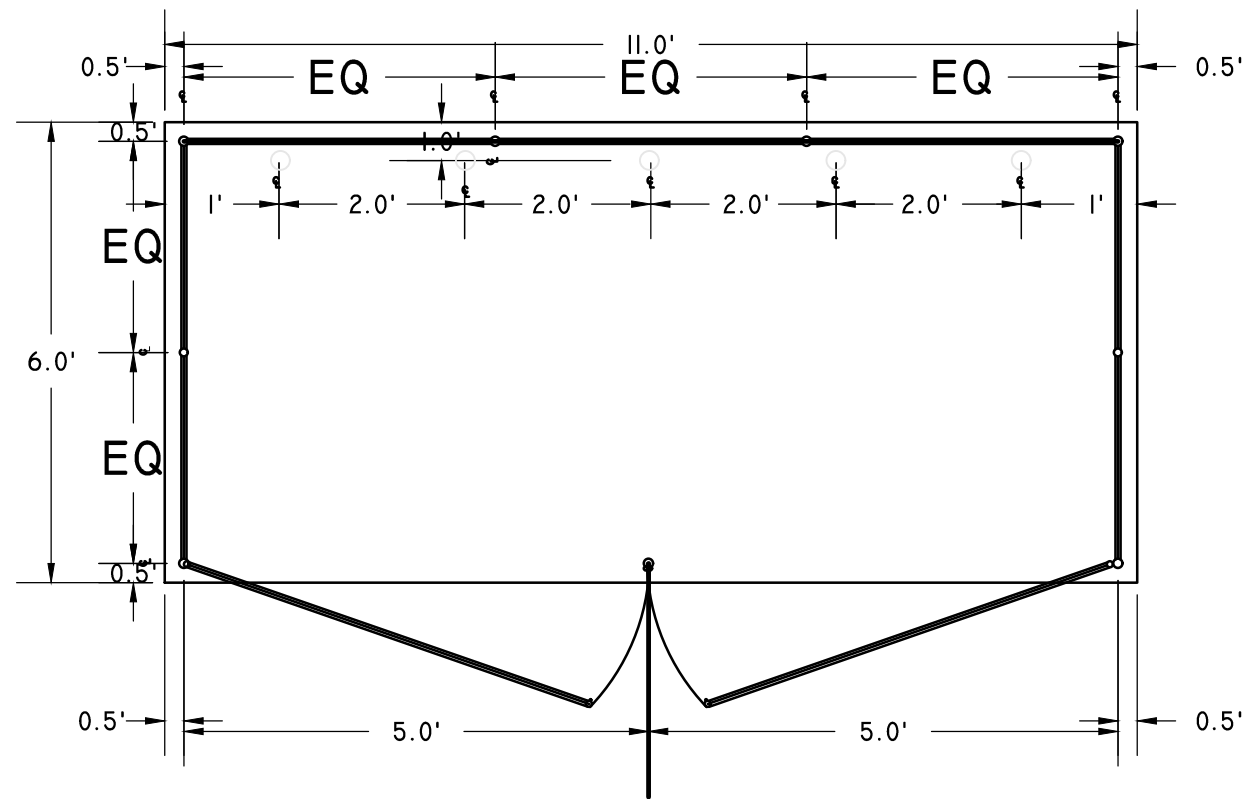
JOB # 19-048 SCALE: 1"= 30' DRAWN BY: SES DATE: FEBRUARY 7, 2020

REVISED: JUNE 24, 2020

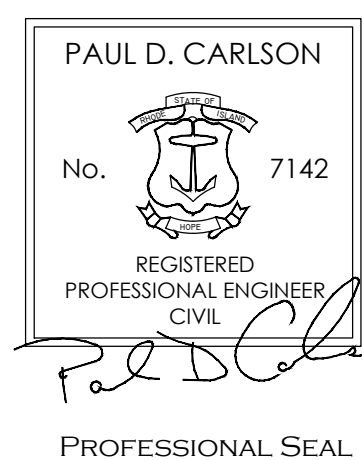


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SITE DETAIL 2



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

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

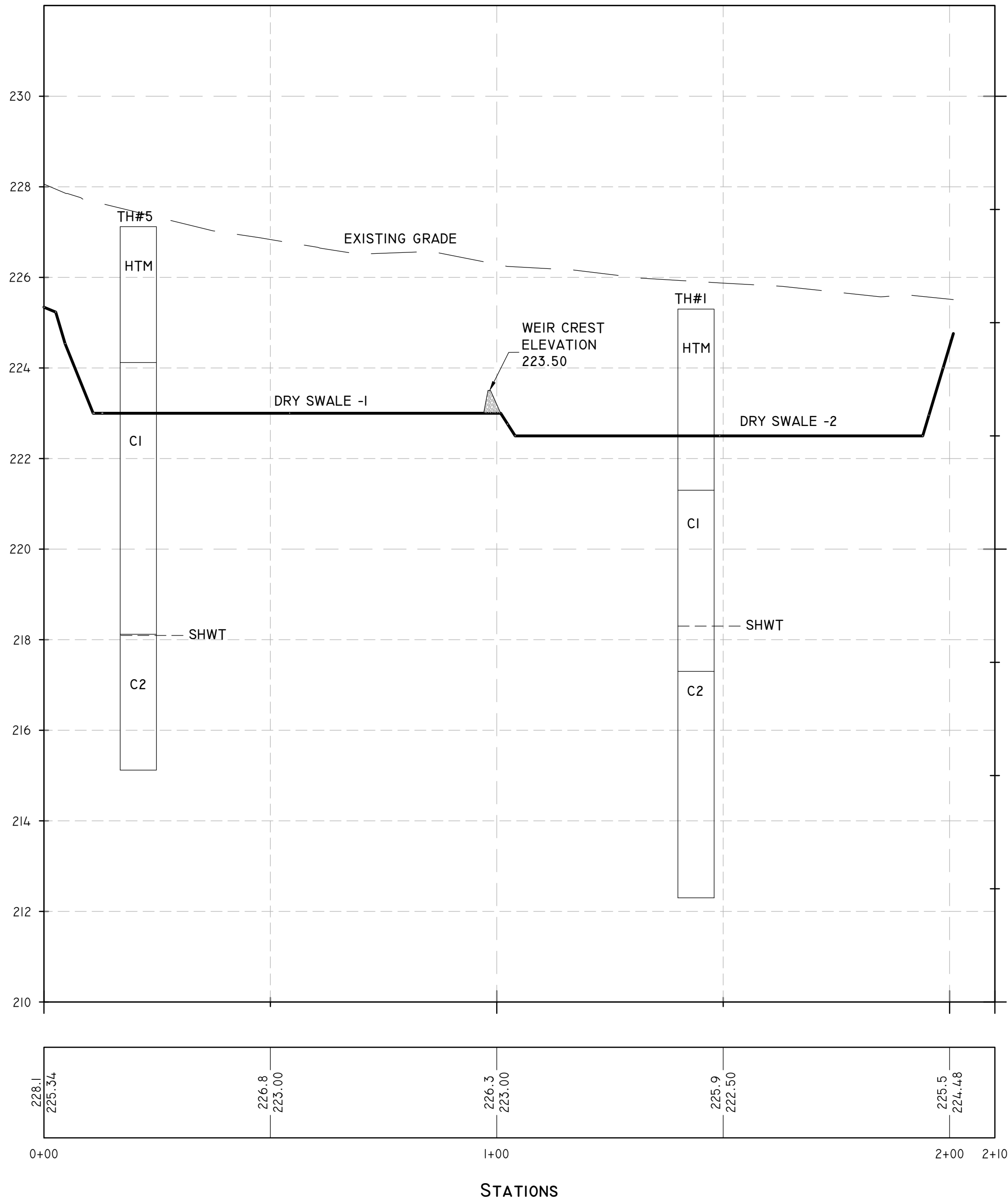
JOB # 19-048 SCALE: NTS DRAWN BY: SES DATE: FEBRUARY 7, 2020

REVISED: JUNE 24, 2020

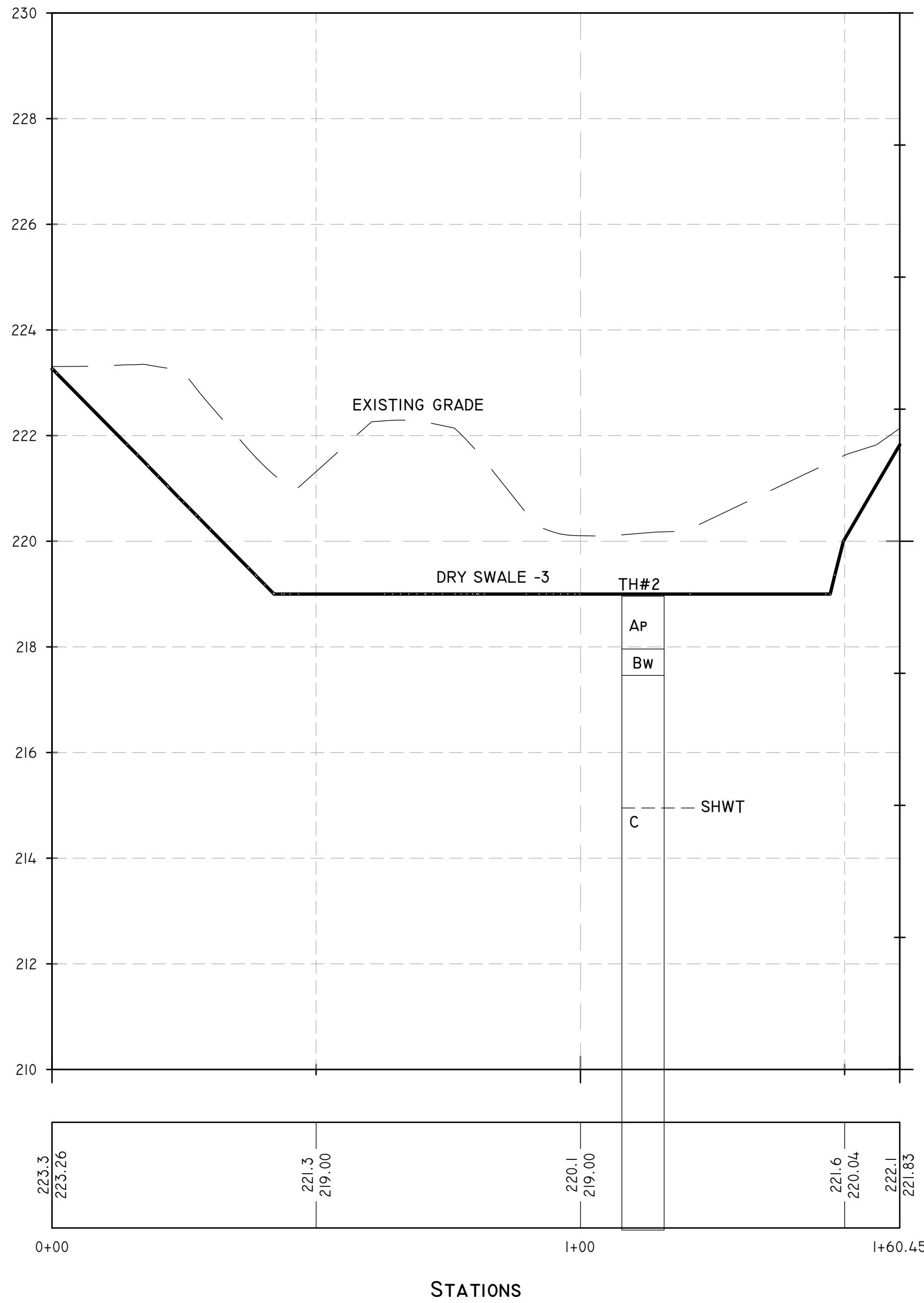


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PROFILE- DRY SWALE 1 & 2



PROFILE- DRY SWALE 3



STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS
Department of Environmental Management
Office of Water Resources
Onsite Wastewater Treatment System Program



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 Shaded: Yes ☒ No ☒ Time: 8am to 10am
Weather: Sun 85F

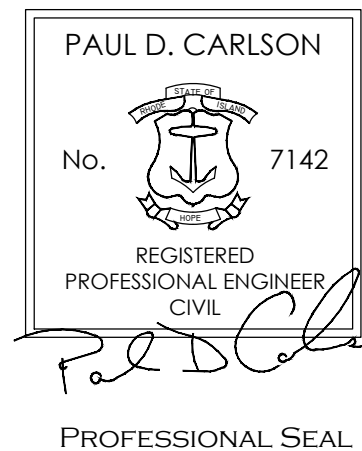
TH #	Horizon	Depth	Dist	Topo	Matrix	Re-Dox Features	Re-Dox Ab. S. Contr.	Texture	Structure	Consistence	Soil Category
1	HTM	0 - 48	c	s	10YR2/1	-	-	ls	1 f gr	vfr	3 - 0.70
	C1	48 - 96	c	s	10YR8/1	7.5YR5/8	m 3 p	vfs	0 - sg	vfr	4 - 0.61
	C2	96-156	c	s	10YR7/1	-	-	vfs	0 - m, sg	fri	4 - 0.61
2	Ap	0 - 12	c	s	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
	C2	72 - 96	c	s	10YR7/2	-	-	vfs	0 - m, sg	vfri	4 - 0.61*
4	C3	96 - 120	c	s	7.5YR5/8	-	-	*gcos	0 - sg	fi	1 - 0.70*
	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 Ablation III 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	Dist	Topo	Matrix	Re-Dox Features	Re-Dox Ab. S. Contr.	Texture	Structure	Consistence	Soil Category
5	HTM	0 - 36	c	s	10YR2/1	-	-	ls	1 f gr	vfr	3 - 0.70
	C1	36 -	c	s	10YR8/1	7.5YR5/8	m 3 p	vfs	0 - sg	vfr	4 - 0.61
	C2	108-	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

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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