

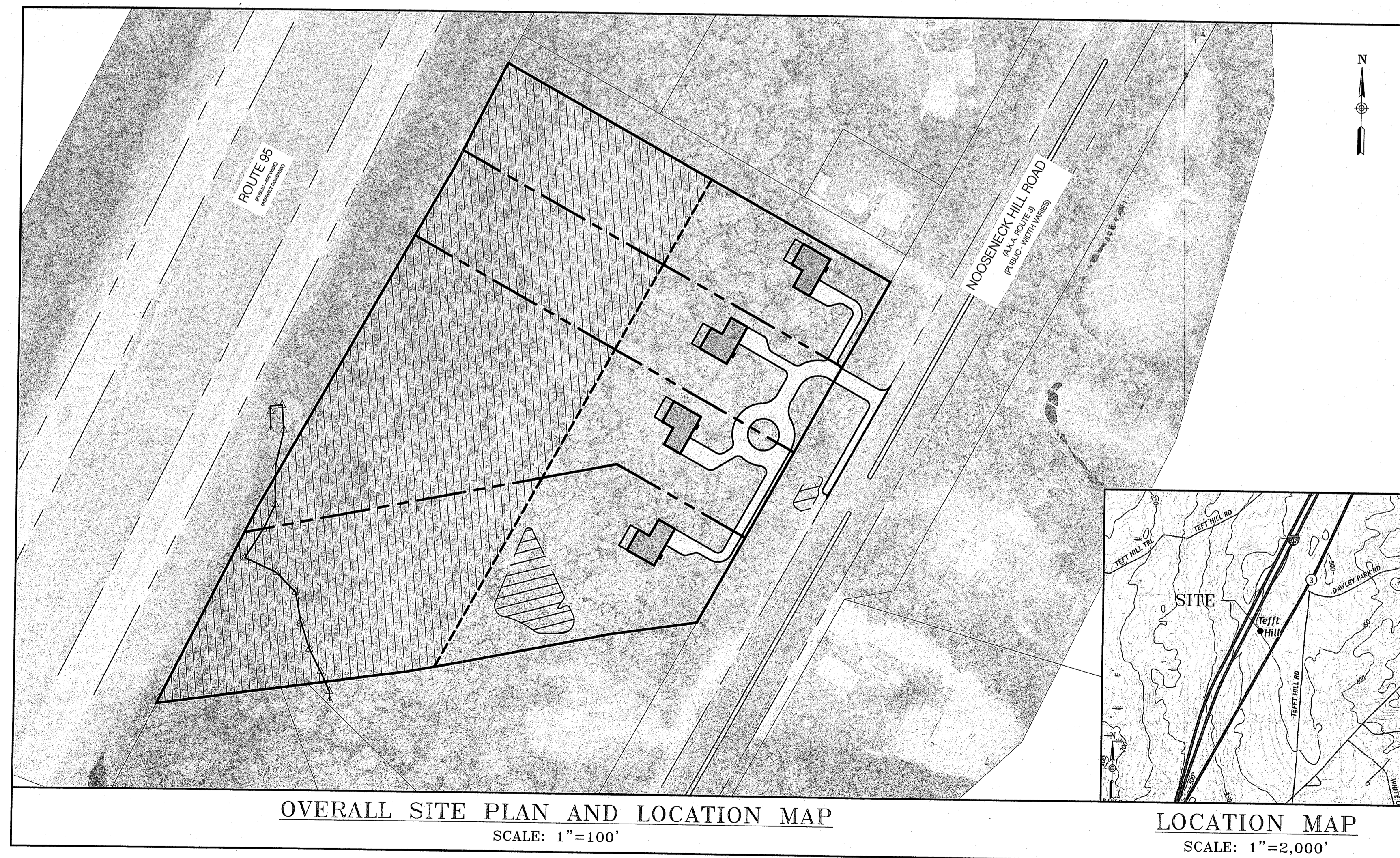
NOOSENECK HILL CONSERVATION SUBDIVISION SITE DEVELOPMENT PLANS

NOOSENECK HILL ROAD
RICHMOND, RHODE ISLAND
PLAT 1C LOT 2

ISSUED FOR PERMITTING

PREPARED FOR
OXFORD DEVELOPMENT GROUP INC.

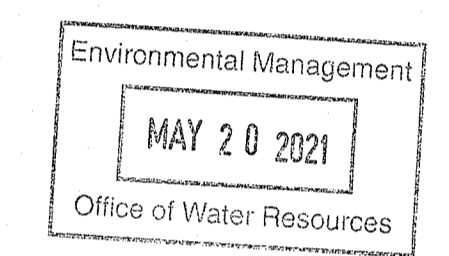
DATE ISSUED: MAY 19, 2021



INDEX TO SHEETS		LATEST ISSUE
C-0	TITLE/COVER SHEET	5/19/21
C-1	LEGEND AND GENERAL NOTES	5/19/21
C-2	OVERALL PLAN	5/19/21
C-3	SITE PLAN SUBLOTS 1 & 2	5/19/21
C-4	SITE PLAN SUBLOTS 3 & 4	5/19/21
C-5	SESC PLAN	5/19/21
C-6	DETAIL SHEET 1	5/19/21
C-7	DETAIL SHEET 2	5/19/21
C-8	OWTS DETAILS	5/19/21

SUPPLEMENTAL SHEETS		LATEST ISSUE
1 OF 1	BOUNDARY & TOPOGRAPHIC SURVEY	2/26/20

APPLICANT/OWNER
OXFORD DEVELOPMENT GROUP INC
C/O JIM BARROWS
1364 SMITH STREET
N. PROVIDENCE, RI 02911



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO.: 20-0305
DATED JUL - 2 2021
SEE LETTER OF SAME DATE.
Nancy L. Freeman

NEI
Narragansett Engineering Inc.
Civil - Survey - Structural - Environmental - Design
3102 East Main Road, Portsmouth RI 02871
Tel. 401.683.6630 www.nei-cds.com

ISSUED FOR PERMITTING

LATEST ISSUE: MAY 19, 2021
CA JOB # 218039-23



NOOSENECK HILL CONSERVATION SUBDIVISION
NOOSENECK HILL ROAD
RICHMOND, RI 02812
PLAT 1C LOT 2

CHERENZIA & ASSOCIATES, LTD.
99 Mechanic St. P.O. Box 513
Pawcatuck, CT 06379 Westerly, RI 02891
Tel: 860.629.6500 Tel: 401.596.7747
Fax: 860.599.6090
Civil Engineers
Land Surveyors
Land Use Planners
Environmental Engineers
www.cherenzia.com

LEGEND

	EXIST	PROP		EXIST	PROP
TOP/BOTTOM CURB ELEVATION	27.65 TC 27.15 BC X	27.65 TC 27.15 BC X	PROPERTY LINE	L=43.84	
SPOT GRADE w/LEADER	21.25 X	21.25 X	PROJECT LIMIT LINE		
SPOT GRADE	21.25 X	21.25 X	RIGHT-OF-WAY/PROPERTY LINE		
BORING LOCATION	⊕B-1	⊕B-1	EASEMENT		
TEST PIT LOCATION	⊕TP-1	⊕TP-1	BUILDING SETBACK		
MONITORING WELL	⊕MW-1	⊕MW-1	STATE HIGHWAY BASELINE	10+00	10+00
BENCH MARK	⊕	⊕	BASELINE		
DRAIN MANHOLE	⊙ DMH	⊙ DMH	CONSTRUCTION LAYOUT		
CATCH BASIN	⊙ CB	⊙ CB	ZONING LINE		
DOUBLE CATCH BASIN	⊙ DCB	⊙ DCB	TOWN LINE	TL	TL
GUTTER INLET	⊙ GI	⊙ GI	STATE LINE	SL	SL
TRENCH DRAIN	⊙ TD	⊙ TD	GRAVEL ROAD		GR
HEADWALL	⊙ HW	⊙ HW	EDGE OF PAVEMENT	EP	EP
FLARED END SECTION	FES	FES	BITUMINOUS CURB	BC	BC
DRAINAGE LINE	DL	DL	CAPE COD BERM	CCB	CCB
OVERFLOW DRAIN	OD	OD	PRECAST CONC. CURB	PC	PC
ROOF DRAIN	RD	RD	VERT. GRAN. CURB	VGC	VGC
OVERHEAD WIRE	OW	OW	SLOPED GRAN. EDGING	SGE	SGE
WATER LINE	WL	WL	LIMIT OF CURB TYPE		
FIRE PROTECTION LINE	FL	FL	SAWCUT		
GAS LINE	GL	GL	MATCHLINE		
UNDERGROUND ELECTRIC	UE	UE	SOLID WHITE LINE	SWL	SWL
UNDERGROUND TELEPHONE	UTL	UTL	SOLID YELLOW LINE	SYL	SYL
FIRE ALARM	FA	FA	BROKEN WHITE LINE	BWL	BWL
FIRE & POLICE CABLE	FAP	FAP	BROKEN YELLOW LINE	BYL	BYL
CABLE TV	CAV	CAV	SOLID WHITE CHANNELIZING LINE	SWCL	SWCL
PLUG/STUB	P	P	SOLID YELLOW CHANNELIZING LINE	SYCL	SYCL
GREASE TRAP	G	G	DOUBLE YELLOW LINE	DYL	DYL
CONTROL STRUCTURE	C	C	STOP LINE	SL	SL
SEWER MANHOLE	⊙ SMH	⊙ SMH	STEEL GUARD RAIL		
SEWER LINE	SL	SL	WOOD GUARD RAIL		
WATER GATE	W	W	PATH		
TAPPING SLEEVE, VALVE, & BOX	TSV	TSV	TREE LINE		
RISER	R	R	CHAIN LINK FENCE		
PRESSURE REDUCER	PR	PR	STONE WALL		
SIAMSE CONNECTION	SC	SC	RETAINING WALL		
FIRE HYDRANT	⊙ FH	⊙ FH	HAY BALES		
WATER METER	⊙ WM	⊙ WM	SILT FENCE	SF	SF
POST INDICATOR VALVE	PIV	PIV	STRAW WATTLE	SW	SW
GAS WELL	⊙ GW	⊙ GW	LIMIT OF DISTURBANCE	LOD	LOD
GAS GATE	⊙ GG	⊙ GG	MINOR CONTOUR	2	2
GAS METER	⊙ GM	⊙ GM	MAJOR CONTOUR	10	10
ELECTRIC MANHOLE	⊙ EMH	⊙ EMH	TOP OF SLOPE	TS	TS
ELECTRIC BOX	⊙ EB	⊙ EB	TOE OF SLOPE	BS	BS
ELECTRIC METER	⊙ EM	⊙ EM	BUILDING		
LIGHT POLE	⊙ LP	⊙ LP	BUILDING ENTRANCE	BE	BE
FLOOD LIGHT	⊙ FL	⊙ FL	LOADING DOCK	LD	LD
SINGLE LUMINAIRE	⊙ SL	⊙ SL	BOLLARD	B	B
DOUBLE LUMINAIRE	⊙ DL	⊙ DL	DUMPSTER PAD	D	D
TRIPLE LUMINAIRE	⊙ TL	⊙ TL	SIGN	S	S
QUAD LUMINAIRE	⊙ QL	⊙ QL	DOUBLE SIGN	DS	DS
WALL PACK	⊙ WP	⊙ WP	PARKING METER	PM	PM
TELEPHONE MANHOLE	⊙ TMH	⊙ TMH	PARKING COUNT	PC	PC
TRAFFIC SIGNAL	⊙ TS	⊙ TS	COMPACT PARKING STALLS	CS	CS
SIGNAL BOX	⊙ SB	⊙ SB	CROSSWALK		
FIRE ALARM CONTROL PANEL	⊙ FACP	⊙ FACP	CONC. PAVEMENT		
FIRE ALARM BOX	⊙ FAB	⊙ FAB	STANDARD DUTY PAVEMENT HEAVY		
TRANSFORMER PAD	⊙ TP	⊙ TP	DUTY PAVEMENT		
MANHOLE	⊙ M	⊙ M	ADA RAMP		
UTILITY POLE	⊙ U	⊙ U	ADA PARKING		
GLY POLE	⊙ G	⊙ G	VAN-ACCESSIBLE ADA PARKING		
HAND HOLE	⊙ H	⊙ H	ARCH. DETAIL (SEE ARCH. DWGS)	Detail no.	
PULL BOX	⊙ PB	⊙ PB		Sheet no.	

ABBREVIATIONS

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
ABANDON	ABAN	MAXIMUM	MAX
ADJUST	ADJ	MINIMUM	MIN
AMERICAN SOCIETY FOR TESTING & MATERIALS	ASTM	NOT IN CONTRACT	NIC
AMERICANS WITH DISABILITIES ACT	ADA	NOT TO SCALE	NTS
APPROXIMATE	APPROX	ON CENTER	OC
ASPHALT COATED CORRUGATED METAL PIPE	ACCOMP	ONSITE WASTEWATER TREATMENT SYSTEM	OWTS
BITUMINOUS CURB	BC	PAVED WATER WAY	PWW
BOTTOM OF SLOPE	BOS	POLYVINYLCHLORIDE PIPE	PVC
CAPE COD BERM	CCV	PRECAST CONCRETE CURB	PCC
CAST IRON PIPE	CIP	PROPOSED	PROP
CHANGE IN TYPE	CIT	RADIUS	R
COLUMN	COL	REINFORCED CONCRETE PIPE	RCP
CONDUIT	COND	REMODEL	REMOD
CORRUGATED ALUMINUM PIPE	CAP	REMOVE	REM
CORRUGATED POLYETHYLENE PIPE	CPP	REMOVE AND DISPOSE	R&D
DUCTILE IRON PIPE	DIP	REMOVE AND RESET	R&R
ELEVATION	ELEV	REMOVE AND STORE	R&S
EXISTING	EXIST	RETAIN	RET
FOUNDATION	FDN	SLOPED GRANITE EDGING	SGE
FRAME AND COVER	F&C	TAPPING SLEEVE, VALVE AND BOX	TSV&B
FRAME AND GRATE	F&G	TOP OF SLOPE	TOS
GALVANIZED	GALV	TRANSITION	TRANS
GRANITE CURB	GC	TYPICAL	TYP
HIGH DENSITY POLYETHYLENE	HDPE	UTILITY POLE	UP
HYDRANT	HYD	VERTICAL GRANITE CURB	VGC
INVERT ELEVATION	INV	VITRIFIED CLAY PIPE	VCP
LANDSCAPE AREA	LA	WATER GATE	WG

GENERAL NOTES

- THESE PLANS AND THEIR CORRESPONDING ELECTRONIC DOCUMENTS, INCLUDING CAD FILES FOR THE PROJECT, ARE INSTRUMENTS OF SERVICE. THE CONTRACTOR SHALL NOT BE USED IN WHOLE OR IN PART FOR ANY OTHER PURPOSE THAN THE DEVELOPMENT OF THIS PROJECT WITHOUT THE EXPRESSED, WRITTEN CONSENT OF CHERENZIA & ASSOCIATES, LTD. ANY UNAUTHORIZED USE, RE-USE, ALTERATION, OR MODIFICATION OF THIS DATA SHALL BE AT THE USER'S RISK WITH NO LIABILITY ON THE PART OF CHERENZIA.
- UPON AWARD OF THE CONTRACT AND PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND BONDS AND PAYING ALL STATE AND LOCAL FEES RELATING TO THE WORK SHOWN ON THESE DRAWINGS, THE CONSTRUCTION SPECIFICATIONS, AND CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL NOTIFY DIG-SAFE AT LEAST 72 BUSINESS HOURS PRIOR TO INITIATING ANY EXCAVATION WORK.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. WHERE SITE SPECIFICATIONS ARE NOT PROVIDED, THE CONTRACTOR SHALL ADHERE TO LOCAL MUNICIPAL STANDARDS OR THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, AS APPLICABLE. WORK WITHIN LOCAL RIGHTS-OF-WAY SHALL ADHERE TO LOCAL MUNICIPAL STANDARDS; WORK WITHIN STATE RIGHTS-OF-WAY SHALL ADHERE TO STATE HIGHWAY STANDARDS. WHERE A DISCREPANCY EXISTS, THE MORE RESTRICTIVE STANDARD SHALL APPLY.
- REFERENCE MADE TO "STATE HIGHWAY STANDARDS," "STATE STANDARD SPECIFICATIONS," "STANDARD SPECIFICATIONS," OR "RHODE ISLANDS" SHALL MEAN AND BE DEFINED AS THE "RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS" FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- ANY WORK NOT MEETING THE APPROVED STANDARDS SHALL BE REMOVED IMMEDIATELY AND REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- AS A CONDITION OF THE RIPDES PERMIT FOR THIS PROJECT, THE CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS OF THE RIPDES PERMIT THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE SECURITY AND JOB SAFETY AND SHALL CONFORM TO THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING ANY REQUIRED POLICE PROTECTION, ANY REQUIRED TEMPORARY CONSTRUCTION SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD).
- THE CONTRACTOR SHALL NOT OBSTRUCT PUBLIC ROADWAYS, SIDEWALKS, OR FIRE HYDRANTS WITHOUT FIRST OBTAINING THE NECESSARY PERMITS TO DO SO.
- THE LIMITS-OF-WORK (A.K.A. "LIMIT OF DISTURBANCE") SHALL BE AS SHOWN ON THESE PLANS. AREAS WITHIN THESE DEFINED LIMITS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. LANDSCAPE AREAS SHALL BE RESTORED WITH 6 INCHES OF LOAM AND SEED.
- SHOULD THE CONTRACTOR ENCOUNTER SUSPECTED CONTAMINATED SOIL, GROUNDWATER, OR OTHER MATERIAL DURING EXCAVATION, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE SUSPECTED AREA AND NOTIFY THE OWNER SO THAT APPROPRIATE ACTIONS AND TESTING CAN TAKE PLACE.
- UNLESS OTHERWISE NOTED ON THE PLANS, ALL UNPAVED/LANDSCAPE AREAS SHALL RECEIVE SIX (6) INCHES OF LOAM AND SEED WITHIN THE LIMITS OF WORK SHOWN ON THESE PLANS. LOAM SHALL BE EVENLY SPREAD, SMOOTHED, AND COMPACTED PRIOR TO SEEDING.
- STOCKPILED TOPSOIL/LOAM SHALL BE SCREENED AND REUSED ONSITE. REMOVED TOPSOIL/LOAM SHALL BE AVOIDED.
- PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT THEIR PROPOSED INTERFACE WITH PROPOSED PAVEMENTS TO ENSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
- HORIZONTAL AND VERTICAL DATUMS ARE PROVIDED ON THE SURVEY PLANS.

UTILITIES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL UTILITY COMPANIES AND WORK TRADES ASSOCIATED WITH THE WORK SHOWN ON THESE PLANS.
- PRIVATE UTILITIES
 - SERVICES SHALL BE APPROVED BY AND CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS AND REQUIREMENTS OF PRIVATE UTILITY SERVICE PROVIDERS (TELEPHONE, ELECTRIC, FIRE ALARM, CABLE, FIOS, ETC.)
 - CONTRACTOR SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ALL ELECTRIC WORK. THE CONTRACTOR SHALL ALSO FURNISH AND INSTALL CONCRETE ENCASEMENT FOR DUCT BANKS, IF REQUIRED BY THE ELECTRIC COMPANY. PULLING OF ELECTRICAL CONDUIT SHALL BE BY THE ELECTRIC COMPANY.
 - EXISTING UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATION BASED ON BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE LOCATION, SIZE, MATERIAL(S), AND ELEVATION OF ALL EXISTING UTILITIES WITHIN THE LIMIT OF WORK PRIOR TO ORDERING OR INSTALLING THESE MATERIALS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR UTILITY CONFLICTS PRIOR TO CONSTRUCTION.
 - WHERE AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED WORK, OR WHERE EXISTING CONDITIONS DIFFER FROM THE INFORMATION SHOWN ON THESE PLANS, SUCH THAT THE WORK CAN NOT BE COMPLETED AS INTENDED, THE CONTRACTOR SHALL IMMEDIATELY IDENTIFY AND PROVIDE THE ENGINEER WITH THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY IN CONFLICT. THE CONTRACTOR SHALL NOT CONTINUE WORK IN THIS AREA UNTIL THE APPROPRIATE REMEDIAL ACTION IS AGREED UPON BY THE OWNER AND ENGINEER.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO OVERHEAD AND/OR UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN ON THESE PLANS THROUGHOUT WORK ON THIS PROJECT.
- UTILITY PIPING SHALL BE CONSTRUCTED OF THE FOLLOWING MATERIALS, UNLESS OTHERWISE NOTED ON THE PLANS:
 - WATER PIPING SHALL BE C900 POLYVINYL CHLORIDE (PVC)
 - SANITARY SEWER PIPES SHALL BE SDR35 POLYVINYL CHLORIDE (PVC)

LAYOUT AND MATERIALS NOTES

- THE CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.
- SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THE ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
- DIMENSIONS ARE TO/FROM FACE OF CURB, EDGE OF PAVEMENT, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED ON THESE PLANS.
- PROPOSED BOUNDS AND ANY OTHER EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY BITUMINOUS PATCH FOR ANY TRENCH WORK WITHIN PAVEMENT OR SIDEWALK AREAS IN PUBLIC RIGHTS-OF-WAY UNTIL PERMANENT PATCHING IS INSTALLED.

DEMOLITION

- WITHIN THE LIMIT OF WORK/DISTURBANCE, THE CONTRACTOR SHALL CLEAR AND GRUB ALL EXISTING VEGETATION AND STOCKPILE AND SCREEN TOPSOIL FOR RE-USE IN LANDSCAPE AREAS. THE CONTRACTOR SHALL ALSO REMOVE AND DISPOSE OF ALL EXISTING MANMADE FEATURES, INCLUDING BUT NOT LIMITED TO BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, WALLS, FENCES, UTILITIES (BOTH OVERHEAD AND UNDERGROUND), SIGNS, ETC., EXCEPT AS OTHERWISE NOTED ON THESE PLANS.
- THE CONTRACTOR SHALL DISPOSE OF ALL MATERIALS OFF-SITE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
- THE EXTENT OF DEMOLITION DEPICTED ON THESE PLANS IS INTENDED TO AID THE CONTRACTOR IN BIDDING THE PROJECT AND IS NOT NECESSARILY INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE FULL EXTENTS OF THE DEMOLITION WORK PRIOR TO CONTRACT AWARD AND SHALL NOT BE COMPENSATED FOR UNFORESEEN CONDITIONS ONCE THE WORK HAS COMMENCED.
- UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THESE PLANS, THE ENGINEER HAS NOT PREPARED PLANS FOR THE DISCOVERY, REMOVAL, ABATEMENT, OR DISPOSAL OF ANY HAZARDOUS OR TOXIC MATERIALS FOUND DURING CONSTRUCTION.
- ANY REMOVED OR DAMAGED STREET TREES SHALL BE REPLACED WITH EQUIVALENT AT CONTRACTORS EXPENSE.

SITE SPECIFIC DATA

- TOTAL SITE AREA = 9.3± ACRES
- TOTAL AREA OF DISTURBANCE = 3.8± ACRES
- NATURAL HERITAGE AREA (NHA) IMPACT - NO
- THREATENED SPECIES OR HABITAT IMPACT - NO
- WATERSHEDS - INDIRECTLY THROUGH WETLANDS TO BAKER BROOK: LD. R00008040R-18

EROSION CONTROLS/CONSTRUCTION SEQUENCING

- PRIOR TO THE START OF CONSTRUCTION OF ANY EARTHWORK ACTIVITIES, THE CONTRACTOR SHALL NOTIFY ALL APPLICABLE AGENCIES AND INSTALL THE EROSION CONTROL MEASURES SHOWN ON THESE PLANS IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL PERMITS PERTAINING TO THIS PROJECT.
- THE CONTRACTOR SHALL KEEP A COPY OF THE "SOIL EROSION AND SEDIMENTATION CONTROL PLAN" (SESC) AND THE APPROVED PLAN SET AT THE CONSTRUCTION SITE AT ALL TIMES.
- THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES SHOWN ON THE PLAN SET BY ACCORDANCE WITH THE SESC AND THE MOST RECENT EDITION OF THE "RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK."
- THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AND/OR UPGRADE THESE MEASURES, AS NECESSARY, THROUGHOUT CONSTRUCTION, TO MEET THE REQUIREMENTS OF ALL RELATED PERMITS FOR THE PROJECT.
- THE CONTRACTOR SHALL PREPARE AND MAINTAIN A RED-LINED COPY OF THE SESC PLAN SHOWING INTENDED AREAS FOR STAGING, STOCKPILING, WASHOUT, SOLID WASTE CONTAINMENT, AND TEMPORARY SEDIMENTATION CONTROL AREAS. ALL SUCH AREAS SHALL BE LOCATED OUTSIDE OF REGULATED WETLAND AREAS OR AREAS INTENDED FOR INFILTRATION PRACTICES.
- EROSION CONTROL DEVICES
 - AT LEAST ONE STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED BEFORE THE PROJECT BEGINS BY CONSTRUCTION VEHICLES. THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED BEFORE CONSTRUCTION VEHICLES WILL BE ALLOWED TO ENTER THE CONSTRUCTION SITE. ADDITIONAL ENTRANCES/EXITS SHALL BE INSTALLED, IF MORE THAN ONE ACCESS POINT IS ANTICIPATED BY THE CONTRACTOR. A WASH OUT PAD MAY ALSO BE INSTALLED TO WASH CONSTRUCTION VEHICLES EXITING THE SITE.
 - ROADS ADJACENT TO THE CONSTRUCTION SITE SHALL BE CLEAN AT THE END OF EACH WORK DAY.
 - TEMPORARY SEDIMENT TRAPS MAY BE EXCAVATED OR BERMED/HAYBALED AND SHALL BE SIZED IN ACCORDANCE WITH THE "RHODE ISLAND STORMWATER DESIGN AND INSTALLATION STANDARDS MANUAL" AND THE "RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL HANDBOOK." THE DISCHARGE LOCATION FROM THESE BASINS SHALL BE STABILIZED TO PREVENT EROSION.
 - SILT FENCE SHALL BE INSTALLED AROUND ALL EARTH STOCKPILES.
 - ALL OTHER EROSION CONTROL DEVICES SHOWN ON THESE PLANS SHALL BE IN ACCORDANCE WITH "RHODE ISLAND STORMWATER DESIGN AND INSTALLATION STANDARDS MANUAL" AND THE "RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL HANDBOOK."
- THE EROSION CONTROL MEASURES SHOWN ON THESE PLANS ARE INTENDED TO BE THE MINIMUM NECESSARY AT THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AND SUPPLEMENT THESE EROSION CONTROLS, AS NECESSARY THROUGHOUT CONSTRUCTION, TO PREVENT DAMAGE TO WETLANDS AND/OR SURROUNDING PROPERTIES.
- THE CONTRACTOR SHALL PREVENT DUST, DEBRIS, OR SEDIMENTS FROM LEAVING THE SITE DURING CONSTRUCTION AND SHALL BE RESPONSIBLE TO REPAIR, CLEAN UP, OR TAKE OTHER CORRECTIVE ACTION IMMEDIATELY OR NO LATER THAN 24 HOURS AFTER ANY ISSUE ARISES.
- THE CONTRACTOR SHALL CONTROL CONSTRUCTION STORMWATER RUNOFF IN SUCH A MANNER AS TO PREVENT DAMAGE TO DOWN-GRADIENT PROPERTIES; ANY PROPERTIES SO DAMAGED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES ON A WEEKLY BASIS AND WITHIN 12 HOURS AFTER A RAINFALL EVENT. THE CONTRACTOR SHALL IMMEDIATELY REPAIR DAMAGED DEVICES AND SHALL REMOVE ACCUMULATED SEDIMENTS IN ACCORDANCE WITH LOCAL REQUIREMENTS AND THE RIPDES PERMIT, WHEN APPLICABLE. ACCUMULATED SEDIMENTS SHALL BE REMOVED FROM THE SITE OR PLACED AWAY FROM WETLANDS AND CLOSED DRAINAGE SYSTEMS.
- THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PERFORM EARTHWORK IN PHASES THAT ALLOW FOR STABILIZATION OF THESE AREAS IN A RELATIVELY SHORT TIME PERIOD AND TO DISCOURAGE EROSION AND SEDIMENTATION. ANY EXPOSED SOILS INTENDED TO REMAIN FOR MORE THAN 14 DAYS SHALL BE STABILIZED WITH MULCH, OR TEMPORARY SEED AND WATERED TO ENCOURAGE VEGETATION.
- THE CONTRACTOR SHALL INSTALL PERMANENT SEEDING BETWEEN APRIL 15TH AND JUNE 15TH AND/OR AUGUST 15TH TO OCTOBER 15TH.
- THE CONTRACTOR SHALL APPLY PERMANENT SOIL STABILIZATION MEASURES TO ALL GRADED AREAS WITHIN SEVEN (7) DAYS OF ESTABLISHING FINAL GRADE.
- THE CONTRACTOR SHALL PERFORM A FINAL INSPECTION OF ALL EXISTING CATCH BASINS, DRAINAGE PIPING, AND ASSOCIATED DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS TO ENSURE THAT ALL SEDIMENTS HAVE BEEN REMOVED BEFORE WORK IS DEEMED COMPLETE.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL E&S MEASURES ONLY AFTER FINAL PAVEMENT IS PLACED AND VEGETATION IN LANDSCAPE AREAS IS WELL ESTABLISHED.

INFILTRATION AREAS

- TO ENSURE THE LONG-TERM FUNCTION AND VALUE OF ANY AREA PROPOSED FOR INFILTRATION, INCLUDING BUT NOT LIMITED TO BIOTENTION BASINS, SAND FILTERS, SURFACE INFILTRATION BASINS, AND SUBSURFACE INFILTRATION CHAMBERS, THE CONTRACTOR SHALL EXERCISE THE FOLLOWING BEST MANAGEMENT PRACTICES THROUGHOUT CONSTRUCTION:
- THESE AREAS SHALL NOT BE USED FOR TEMPORARY CONSTRUCTION SEDIMENTATION CONTROL, SEDIMENTATION BASIN, OR DETAIRING AREAS.
 - THESE AREAS SHALL REMAIN OFF-LINE UNTIL THE ENTIRE CONSTRUCTION AREA CONTRIBUTING TO THESE AREAS HAS BEEN STABILIZED WITH BUILDINGS, BUILDING FOUNDATIONS, PAVEMENT, OR VEGETATION, AS APPLICABLE.
 - STORMWATER RUNOFF DURING CONSTRUCTION SHALL BE DIRECTED AWAY FROM THESE AREAS TO THE GREATEST EXTENT PRACTICABLE. WHERE NOT FEASIBLE, THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROLS UP-GRADE OF THESE AREAS TO PREVENT SEDIMENTATION OF THESE AREAS DURING CONSTRUCTION.
 - THE SUBGRADE BELOW THESE AREAS SHALL NOT BE COMPACTED; THEREFORE, THE CONTRACTOR SHALL RESTRICT ACCESS TO THESE AREAS BY HEAVY EQUIPMENT AND SHALL NOT USE THESE AREAS FOR MATERIALS STOCKPILES.
 - EXCAVATION AND CONSTRUCTION OF THESE AREAS SHALL BE PERFORMED USING HAND OR HYDRAULIC EQUIPMENT TO ENSURE THAT THE NATURAL FILTRATION EARTH MATERIAL IS NOT DISTURBED OR OTHERWISE COMPACTED.
 - UPON COMPLETION OF CONSTRUCTION OF ANY OF THESE AREAS, THE CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES TO PREVENT SILTATION OF THE FILTER MATERIALS.

CHERENZIA & ASSOCIATES, LTD.
 Civil Engineers
 Land Surveyors
 Environmental Engineers
 99 Mechanic St.
 Pawtucket, CT 06379
 Tel: 860.629.6500
 Fax: 860.599.6090
 P.O. Box 513
 Westley, RI 02891
 Tel: 401.596.7747
 www.cherenzia.com

NEI
 Narragansett
 Engineering Inc.
 Civil • Survey • Structural • Environmental • Design
 3102 East Main Road, Portsmouth RI 02871
 Tel. 401.683.6630 www.nei-cds.com

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO.: 20-0305
 DATED JUL - 2, 2021
 SEE LETTER OF SAME DATE.

Nancy L. Freeman

Environmental Management
 MAY 20 2021
 Office of Water Resources

PLAN REVISIONS

REV. NO.	DATE	DESCRIPTION	DWN BY	CHK BY
1	5/19/21	RIDOT/RIDEM COMMENTS	AKG	SFC

SCALE: NTS
 CA JOB #218039-23
 NOVEMBER 24, 2020

DRAWN BY: AKG
 CHECK BY: SFC

ISSUED FOR PERMITTING

LEGEND AND GENERAL NOTES

**NOOSENECK HILL
 CONSERVATION SUBDIVISION**
 NOOSENECK HILL ROAD
 RICHMOND, RI 02812
 PLAT 1C LOT 2

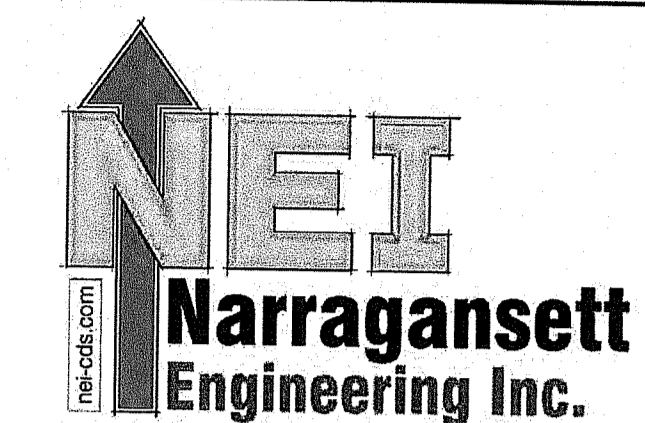
PREPARED FOR
**OXFORD DEVELOPMENT
 GROUP, INC.**

SERGIO F. CHERENZIA
 No. 9238
 REGISTERED
 PROFESSIONAL ENGINEER
 (CIVIL)

C-1

SHEET 1 OF 8

**CHERENZIA &
 ASSOCIATES, LTD.**



Civil • Survey • Structural • Environmental • Design
 3102 East Main Road, Portsmouth RI 02871
 Tel. 401.683.6630 www.nei-cds.com

N

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO.: 20-0305
 DATED JUL - 2 2021
 SEE LETTER OF SAME DATE.

Nancy L. Freeman
 Environmental Management
 MAY 20 2021
 Office of Water Resources

NOTE: ALL WORK TO BE DONE WITHIN THE STATE RIGHT OF WAY (ROW) SHALL CONFORM TO THE RI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION AMENDED MARCH 2018 WITH ALL REVISIONS AND ADDENDA. STANDARD DETAILS FOR THIS WORK ARE RI STANDARD DETAILS JUNE 21, 2019 EDITIONS WITH ALL REVISIONS.

PLAN REVISIONS

REV. NO.	DATE	DESCRIPTION	DWN BY	CHK BY
1	5/19/21	RIDOT/RIDEM COMMENTS	AKG	SFC

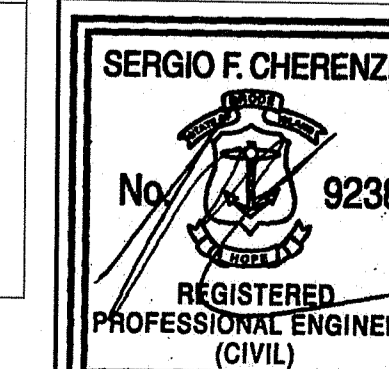
SCALE: 1"=50' DRAWN BY: AKG
 CA JOB #218039-23 CHECK BY: SFC
 NOVEMBER 24, 2020

ISSUED FOR PERMITTING

OVERALL PLAN

NOOSENECK HILL
 CONSERVATION SUBDIVISION
 NOOSENECK HILL ROAD
 RICHMOND, RI 02812
 PLAT 1C LOT 2

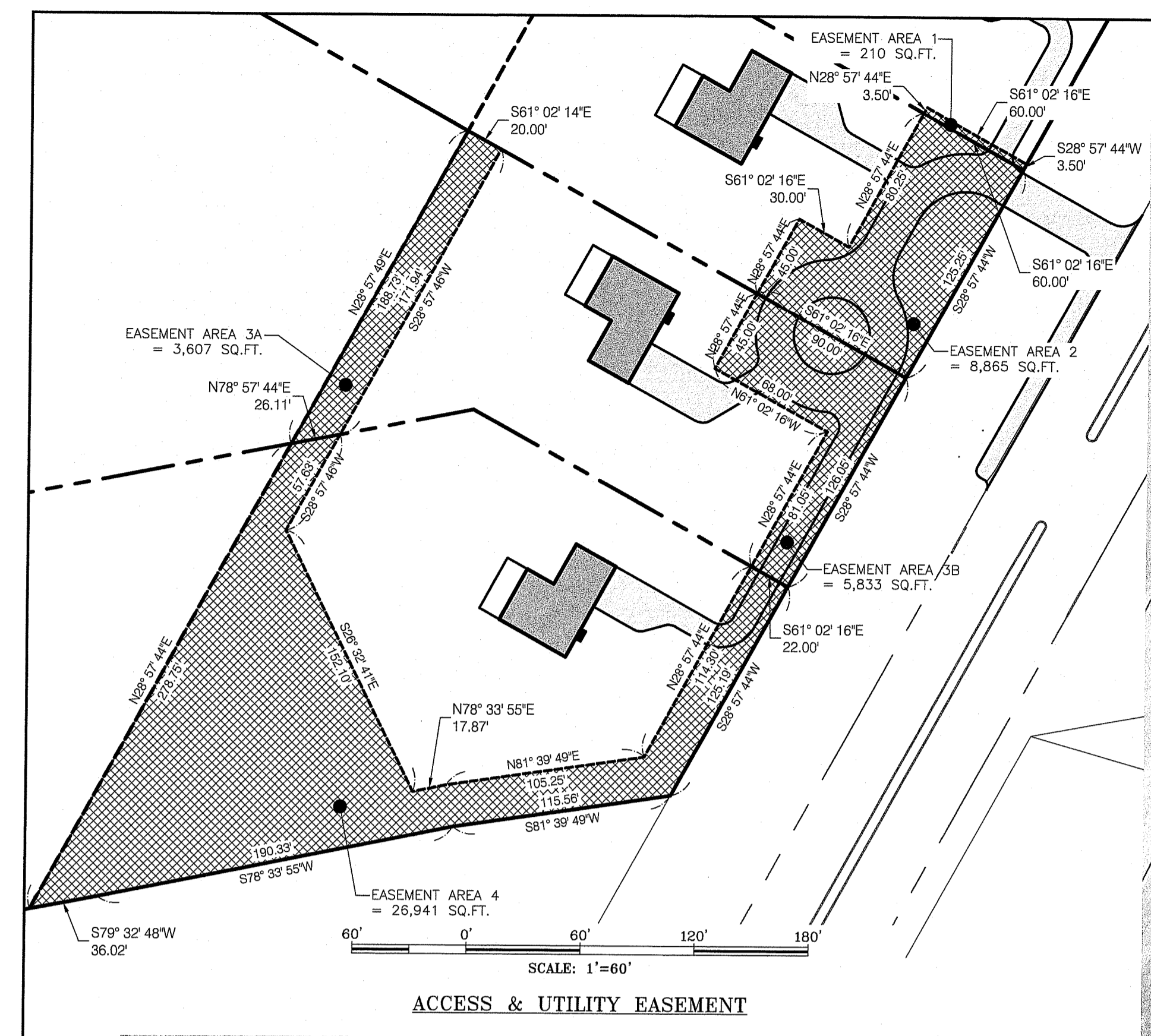
PREPARED FOR
 OXFORD DEVELOPMENT
 GROUP, INC.



C-2

SHEET 2 OF 8

CHERENZIA & ASSOCIATES, LTD.



CONSERVATION AREA
 (OPEN SPACE)
 245,784± SQ.FT.
 5.64± AC.
 NOTE: CONSERVATION AREA MANAGEMENT REMAINS T.B.D.

ZONING CHART
 (BASED ON SINGLE FAMILY CONSERVATION DEVELOPMENT, 18.41.050)

LOT AREA (SF)	REQUIRED	PROVIDED			
		SUBLOT 1	SUBLOT 2	SUBLOT 3	SUBLOT 4
FRONTAGE (FT)	10,000 SF	70,508 SF	70,112 SF	128,960 SF	137,019 SF
MAX. BUILDING COVERAGE	80 FT	125.2 FT	125.2 FT	126.0 FT	125.2 FT
MAXIMUM HEIGHT	20.0%	3.0%	3.0%	1.7%	1.6%
BUILDING SETBACK					
- PRINCIPAL BUILDING (FT)	50 FT	<50 FT	<50 FT	<50 FT	<50 FT
- FRONT SETBACK (FT)	25 FT	81.5 FT	131.0 FT	126.0 FT	84.0 FT
- SIDE SETBACK (FT)	10 FT	13.0 FT	16.0 FT	20.0 FT	35.0 FT
- REAR SETBACK (FT)	30 FT	131.2 FT	81.7 FT	86.7 FT	128.7 FT

NOTE: WAIVER SHALL BE REQUESTED FROM THE TOWN FOR 18.41.030 TO ALLOW OPEN SPACE TO BE PART OF RESIDENTIAL LOTS TO ALLOW PROPERTY OWNERS TO MANAGE OPEN SPACE AREAS.

SCALE: 1"=50'

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO. 20-0305
 DATED JUL - 2 2021
 SEE LETTER OF SAME DATE.
Nancy L. Freeman
 Environmental Management
 MAY 20 2021
 Office of Water Resources

NOTE: ALL WORK TO BE DONE WITHIN THE STATE RIGHT OF WAY (ROW) SHALL CONFORM TO THE RI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION AMENDED MARCH 2019 WITH ALL REVISIONS AND ADDENDA. STANDARD DETAILS FOR THIS WORK ARE RI STANDARD DETAILS JUNE 21, 2019 EDITIONS WITH ALL REVISIONS.

PLAN REVISIONS

REV. NO.	DATE	DESCRIPTION	DWN BY	CHK BY
1	5/19/21	RIDOT/RIDEM COMMENTS	AKG	SFC

SCALE: 1"=20'
 CA JOB #218039-23
 NOVEMBER 24, 2020

DRAWN BY: AKG
 CHECK BY: SFC

ISSUED FOR PERMITTING

SITE PLAN
SUBLOTS 3 & 4

NOOSENECK HILL
CONSERVATION SUBDIVISION
 NOOSENECK HILL ROAD
 RICHMOND, RI 02812
 PLAT 1C LOT 2

PREPARED FOR
OXFORD DEVELOPMENT GROUP, INC.

SERGIO F. CHERENZIA
 No. 9238
 REGISTERED PROFESSIONAL ENGINEER (CIVIL)

C-4

SHEET 4 OF 8

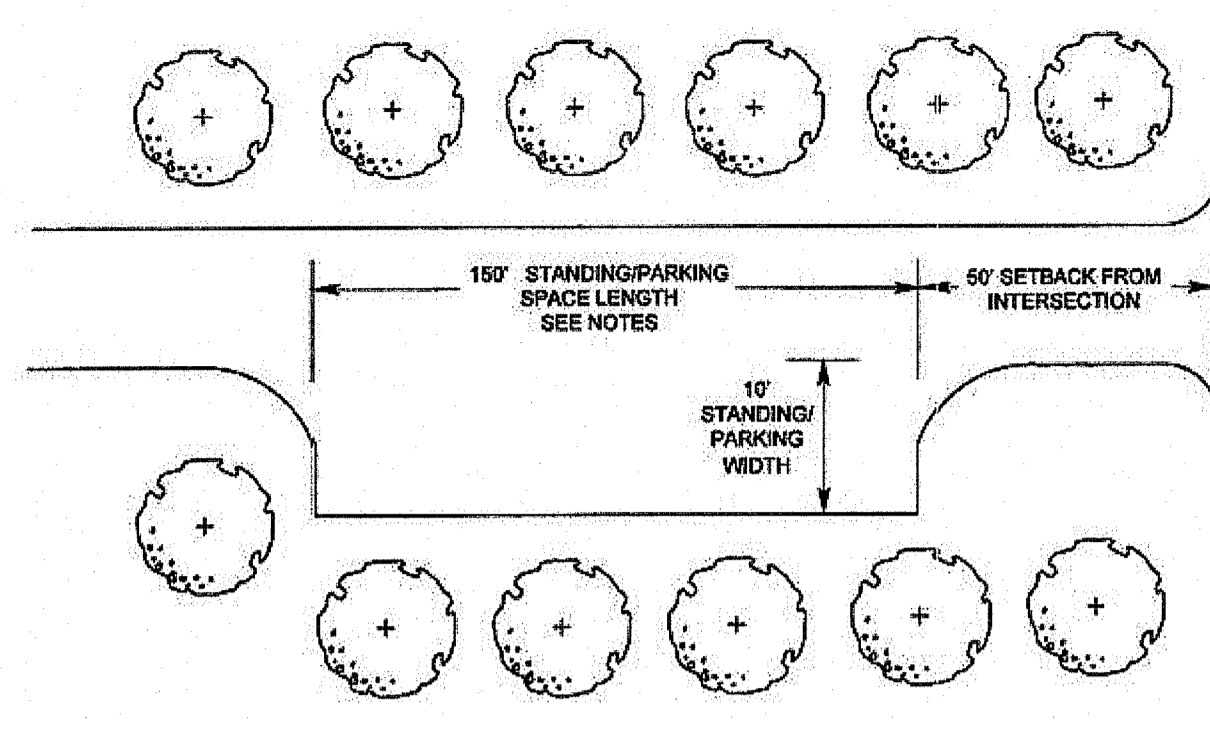
CHERENZIA & ASSOCIATES, LTD.



A.P. 2C LOT 1
 342 NOOSENECK HILL RD
 N/F KAVANAGH SEAN & CALDARONE CORY (FE)
 BK 310 PG. 556

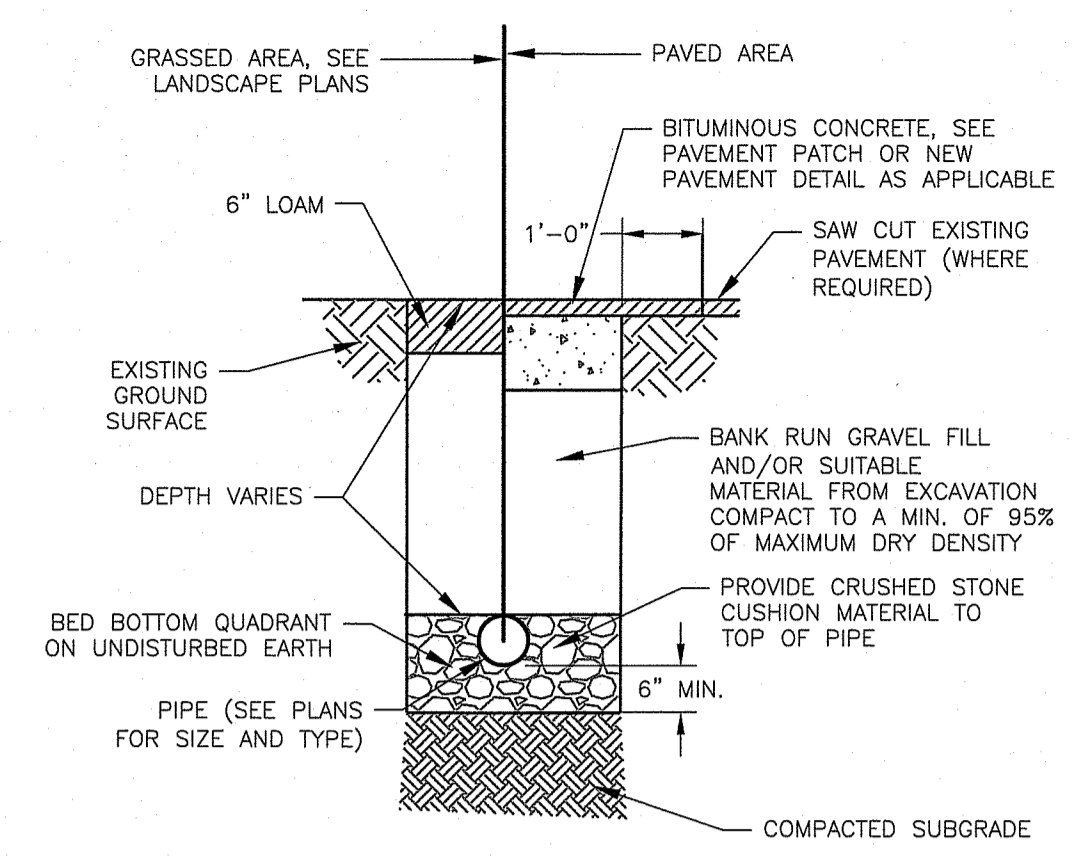
APPROXIMATE WELL LOCATION PER SITE OBSERVATION. NO DIGITS RECORDS FOUND

SCALE: 1"=20'



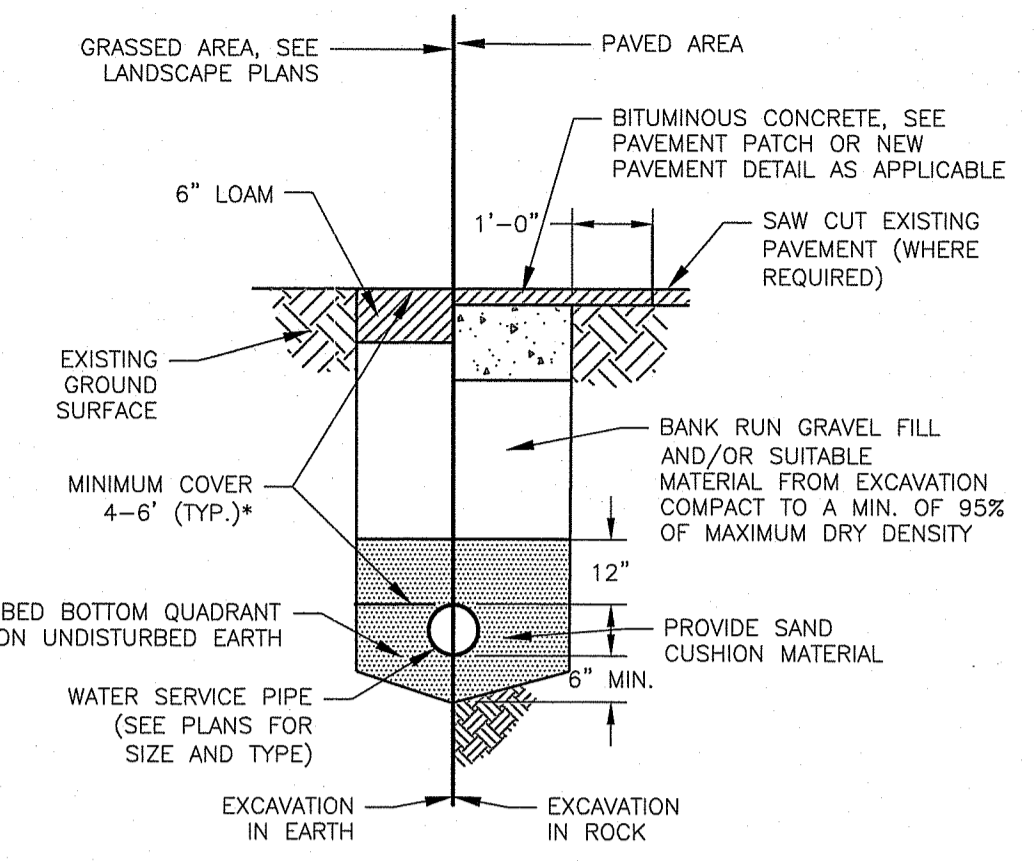
NOTES:
 -STANDING/PARKING SCHOOL BUS BUMP OUT WILL ACCOMMODATE PEDESTRIANS AND AVERAGE OF 5 CARS.
 -MUST BE SETBACK 60' FROM INTERSECTION OF STREET
 -ROAD WIDTHS WILL VARY

TOWN OF RICHMOND, RI		
FIGURE 13-J	SCHOOL BUS WAITING ZONE PARKING BUMP OUT	
DEPT. PLANNING	DATE 11/2008	APPR.
SCALE: NOT TO SCALE		



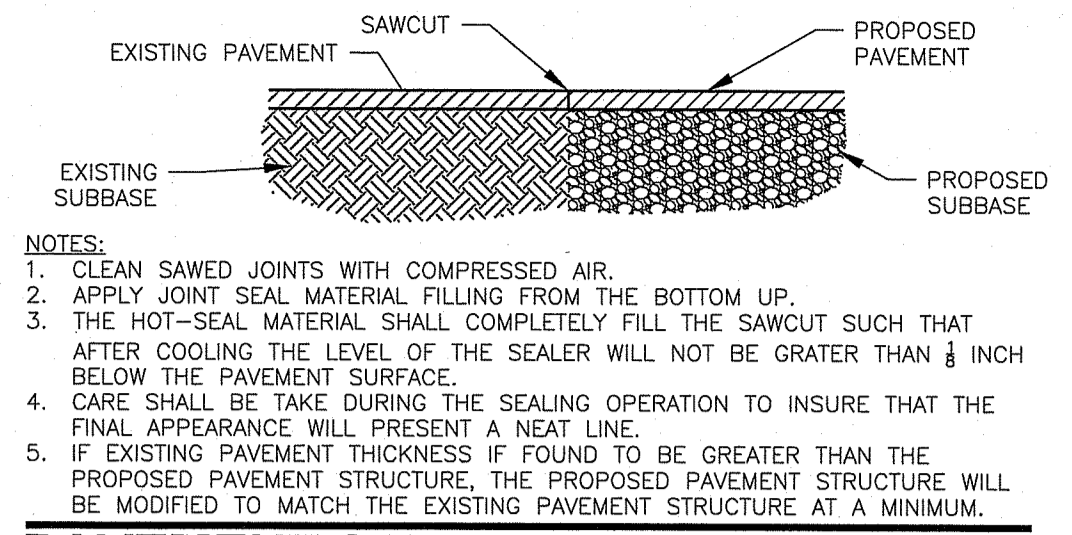
NOTES:
 1. WIDTH (W) OF TRENCH IS EQUAL TO THE INSIDE DIAMETER OF THE PIPE PLUS 12"
 2. SOIL UNDER CRUSHED STONE FOUNDATION SHALL BE UNDISTURBED AND COMPACTED WITH SEVERAL PASSES OF A VIBRATORY PLATE COMPACTOR.
 3. CRUSHED STONE FOUNDATION 3/4" MAXIMUM SIZE, SHALL BE PLACED 6" UNDER THE PIPE AND UP TO THE PIPE GRADE. THE PIPE LAD THEREON, CRUSHED STONE PULLED AGAINST THE PIPE SIDES TO FIRMLY HOLD THE PIPE IN PLACE.
 4. CRUSHED STONE HAUNCHING 3/4" MAXIMUM SIZE SHALL BE BROUGHT LEVEL TO THE TOP OF THE PIPE AND OUT TO THE TRENCH WALL AT THIS ELEVATION FOR ALL PIPES.

UTILITY TRENCH
 NTS CA-U-004

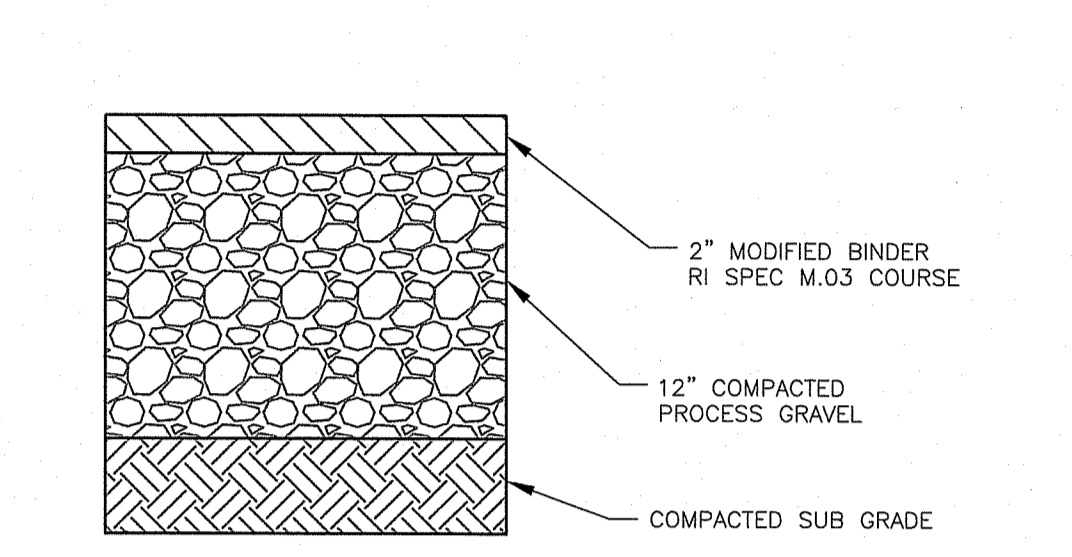


* CONTRACTOR TO CONFIRM ANY ADDITIONAL REQUIREMENTS OR COVER DEPTH WITH TOWN UTILITY DEPARTMENT

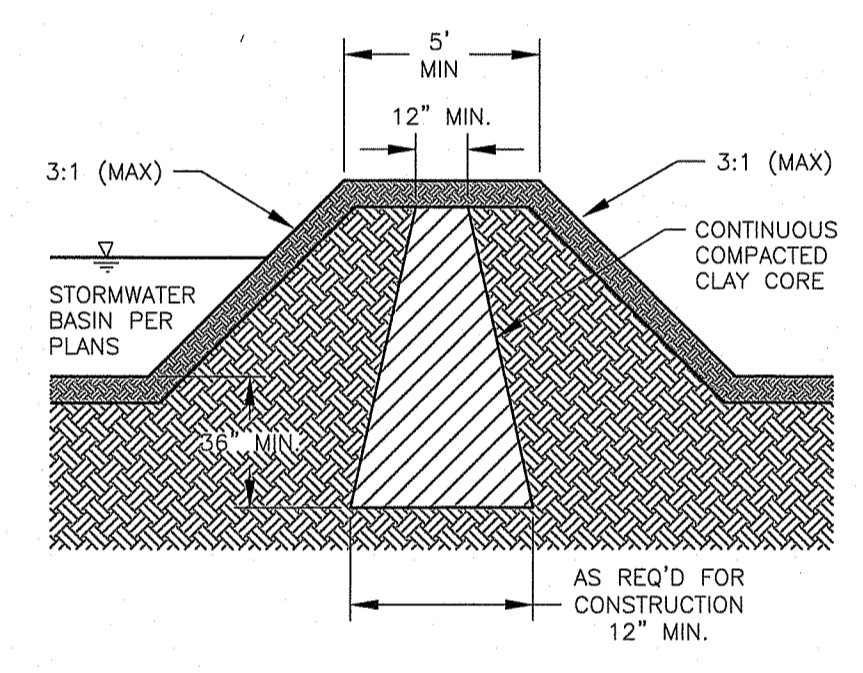
WATER SERVICE TRENCH
 NTS CA-U-006



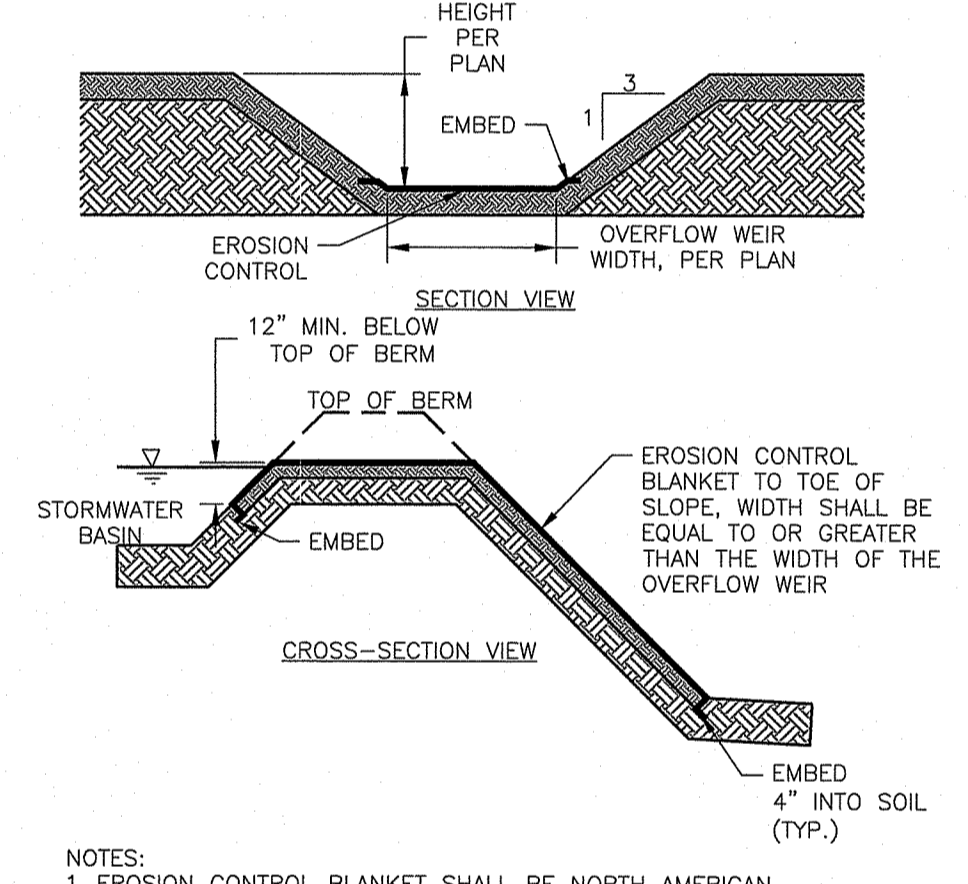
PAVEMENT SAWCUT
 NTS CA-RD-024



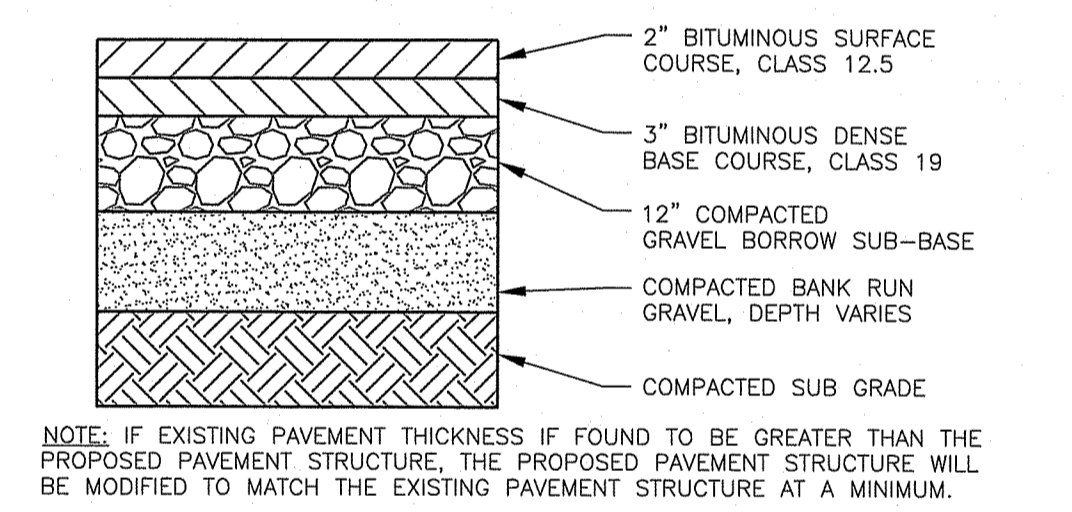
DRIVEWAY PAVEMENT
 NTS CA-RD-001A



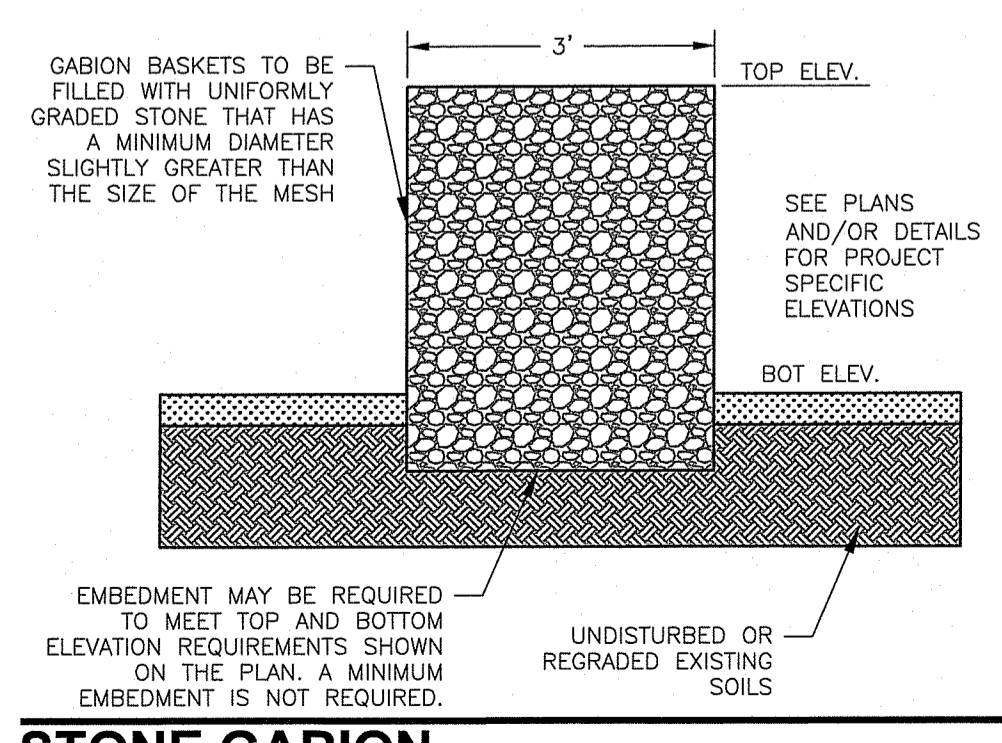
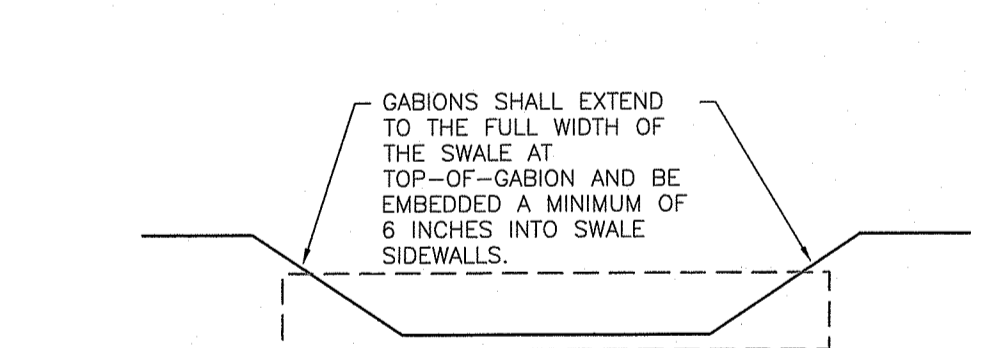
STORMWATER BASIN EMBANKMENT
 NTS CA-D-026



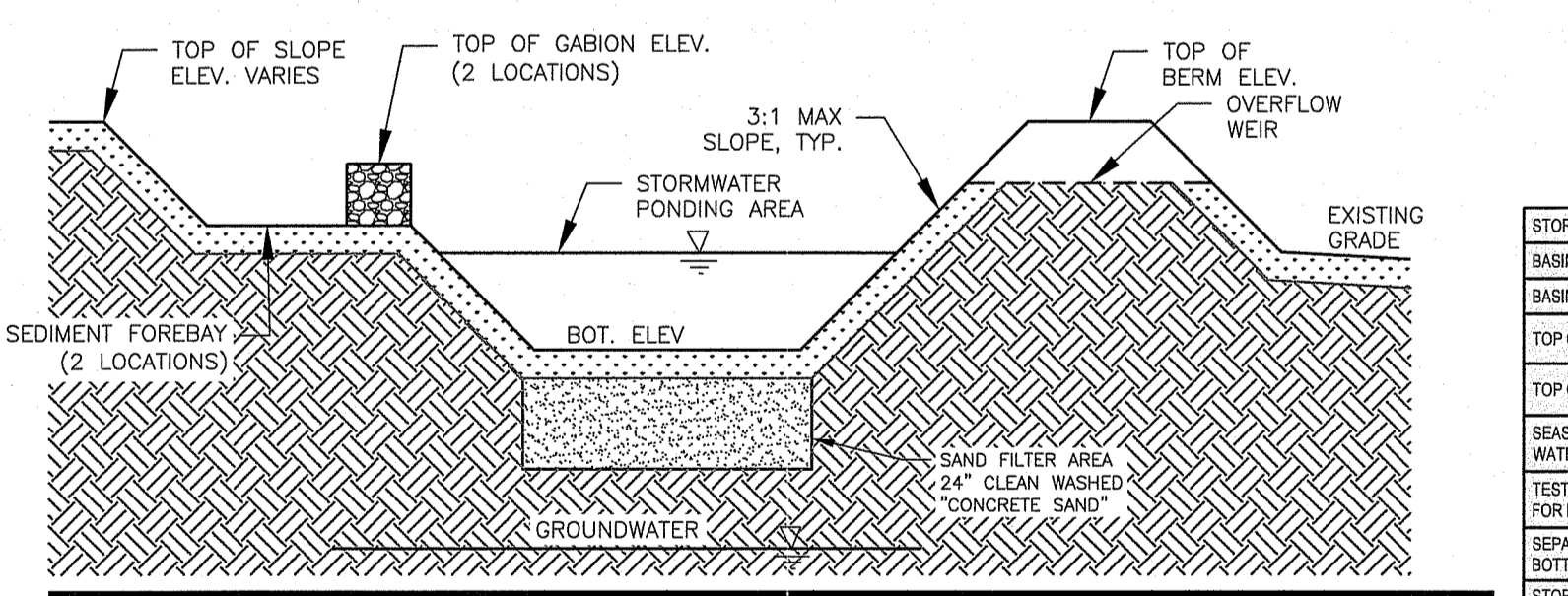
EARTHEN EMERGENCY SPILLWAY
 NTS CA-D-028B



RIGHT-OF-WAY PAVEMENT
 NTS CA-RD-002

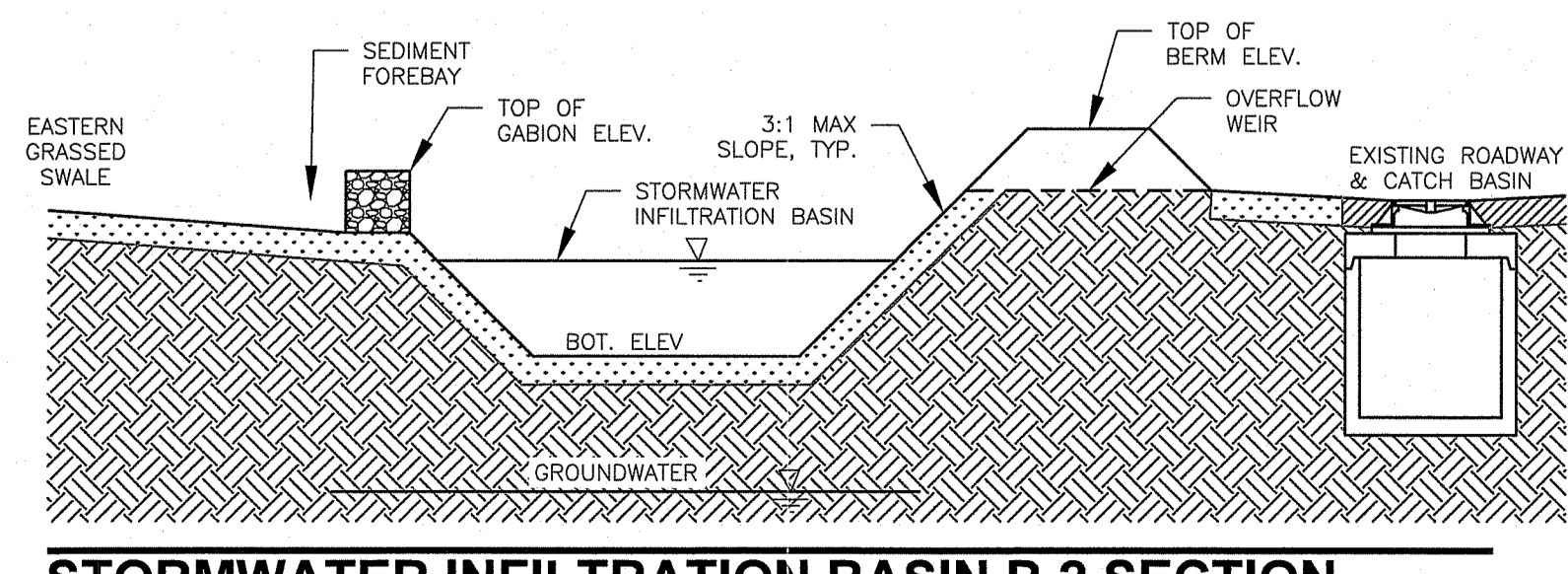


STONE GABION
 NTS CA-D-017

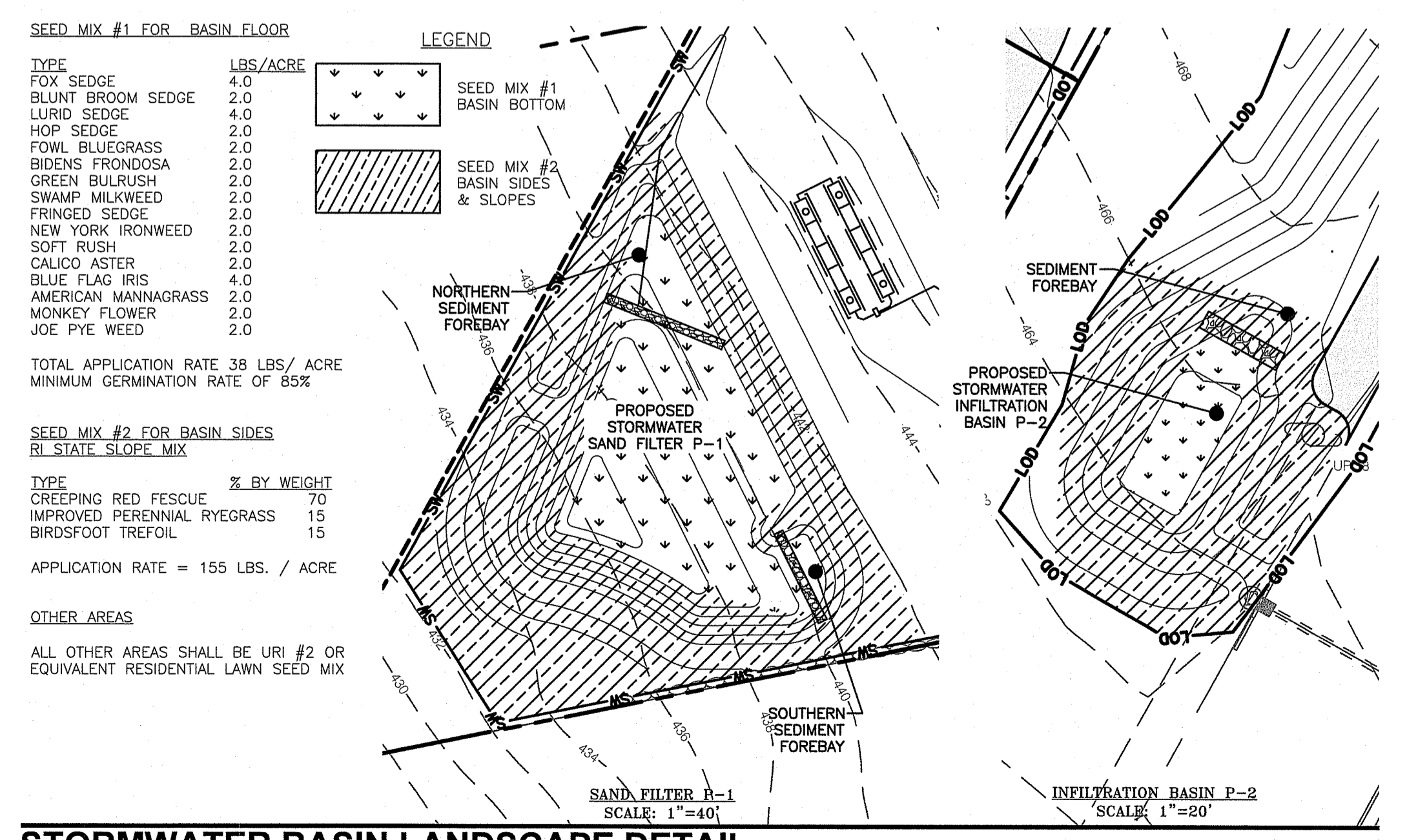


STORMWATER SAND FILTER P-1 SECTION
 NTS

STORMWATER TREATMENT DATA		
STORMWATER POND	P-1	P-2
BASIN BOTTOM ELEVATION	432.0	460.0
BASIN OVERFLOW ELEVATION	436.3	461.9
TOP OF BERM ELEV.	438.0	463.1
TOP OF GABION ELEV.	437.0	462.0
SEASONAL HIGH GROUND WATER TABLE ELEVATION (9/95)	427.7	456.0
TEST HOLE NUMBER USED FOR DETERMINATION	TH-1 (2020)	TH-1 (2021)
SEPARATION DISTANCE TO BOTTOM OF BASIN	4.3	4.0
STORM EVENT ELEVATIONS		
1-YEAR	434.1	460.6
10-YEAR	436.3	461.9
100-YEAR	437.0	463.1



STORMWATER INFILTRATION BASIN P-2 SECTION
 NTS



STORMWATER BASIN LANDSCAPE DETAIL
 AS NOTED

CHERENZIA & ASSOCIATES, LTD.
 Civil Engineers
 Land Surveyors
 Land Use Planners
 Environmental Engineers
 99 Mechanic St.
 Pawcatuck, CT 06379
 Tel: 860.629.6500
 Fax: 860.599.0090
 P.O. Box 513
 Westerly, RI 02891
 Tel: 401.596.7747
 www.cherenzia.com

NEI
Narragansett Engineering Inc.
 Civil • Survey • Structural • Environmental • Design
 3102 East Main Road, Portsmouth RI 02871
 Tel. 401.683.6630 www.nei-cds.com

Environmental Management
 MAY 20 2021
 Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO.: 20-0305
 DATED JUL - 2 2021
 SEE LETTER OF SAME DATE.
Nancy L. Freeman

PLAN REVISIONS				
REV. NO.	DATE	DESCRIPTION	DWN BY	CHK BY
1	5/19/21	RIDOT/RIDEM COMMENTS	AKG	SFC

SCALE: NTS
 CA JOB #218039-23
 NOVEMBER 24, 2020

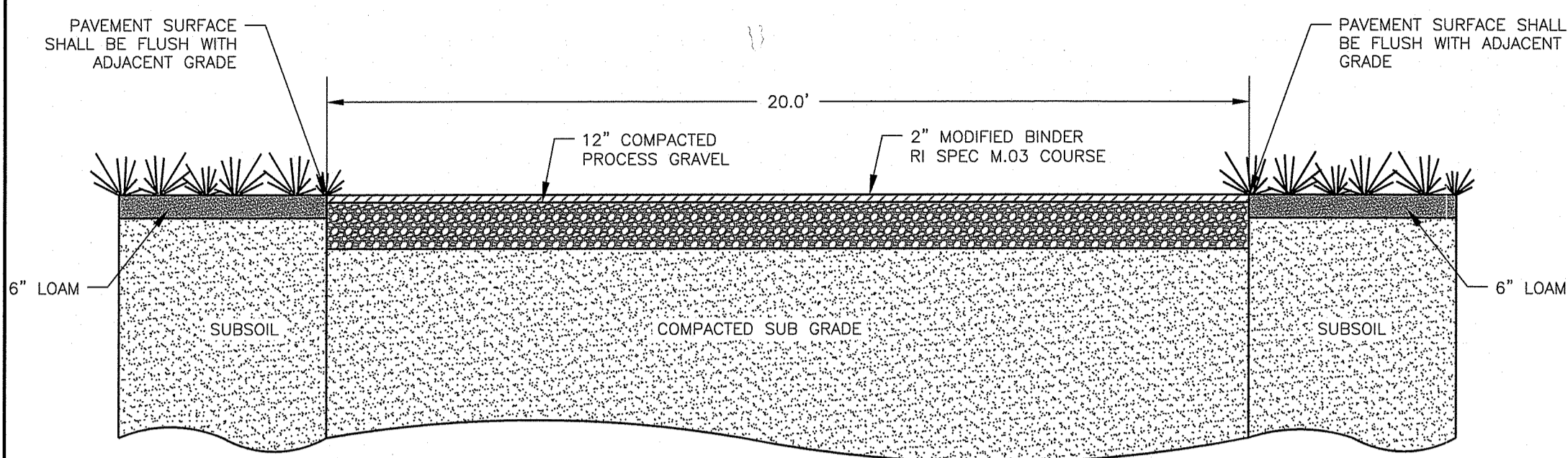
DRAWN BY: AKG
 CHECK BY: SFC

ISSUED FOR PERMITTING

DETAIL SHEET 1
 NOOSENECK HILL
 CONSERVATION SUBDIVISION
 NOOSENECK HILL ROAD
 RICHMOND, RI 02812
 PLAT 1C LOT 2

PREPARED FOR
 OXFORD DEVELOPMENT
 GROUP, INC.

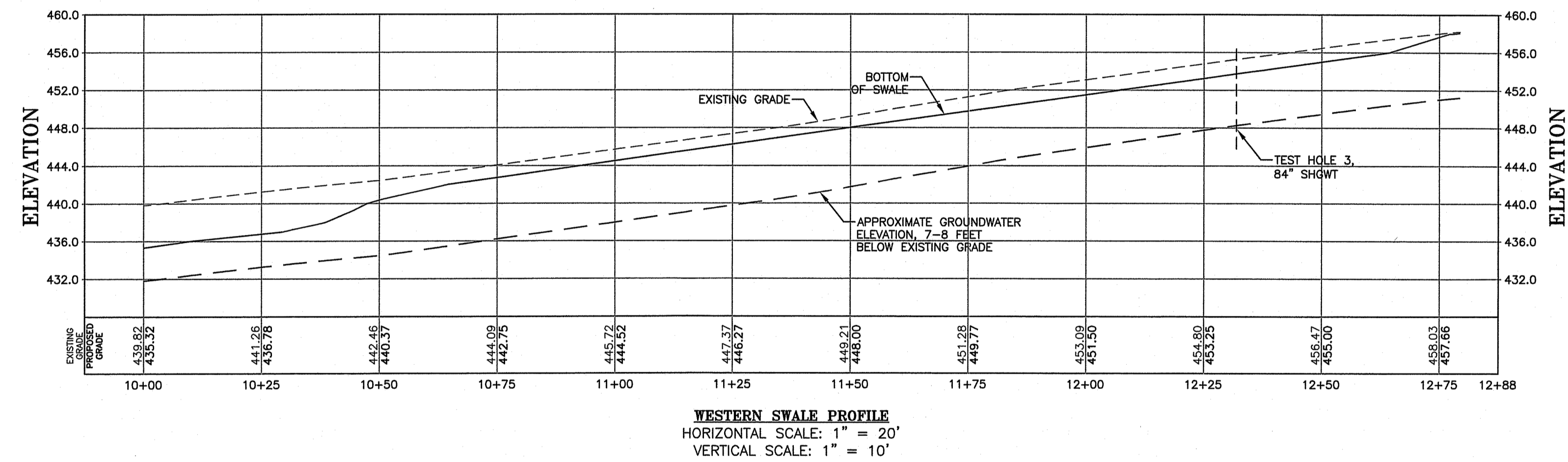
SERGIO F. CHERENZIA
 No. 9238
 REGISTERED PROFESSIONAL ENGINEER (CIVIL)
C-6
 SHEET 6 OF 8
 CHERENZIA & ASSOCIATES, LTD.



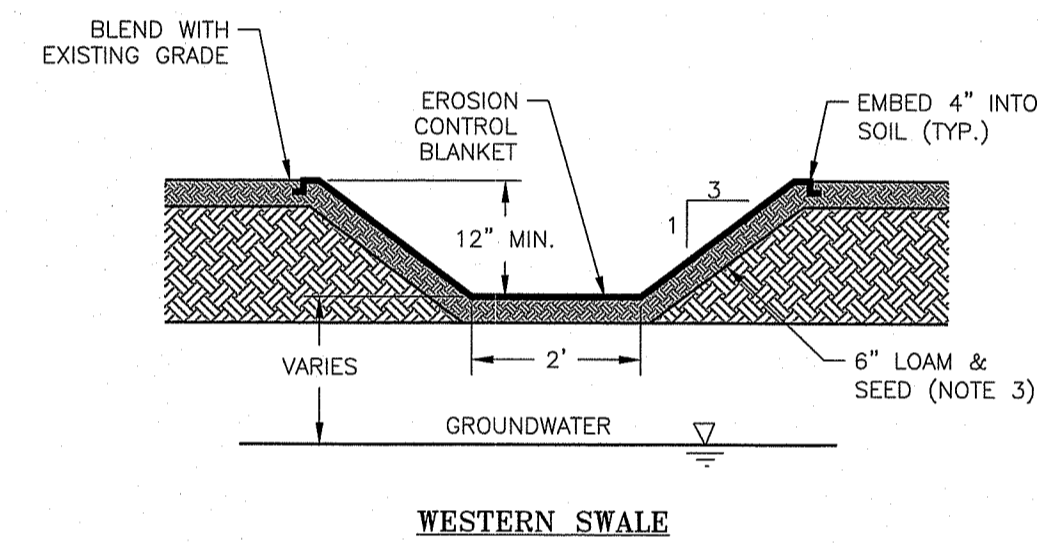
- NOTES:
 1. PAVEMENT SURFACE SHALL BE FLUSH WITH ADJACENT GRADES
 2. REFER TO SITE PLAN FOR DRIVEWAY ELEVATIONS AND ADJACENT GRADES

20 FT SHARED DRIVEWAY CROSS-SECTION

SCALE: 1"=3'



WESTERN SWALE PROFILE
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 10'

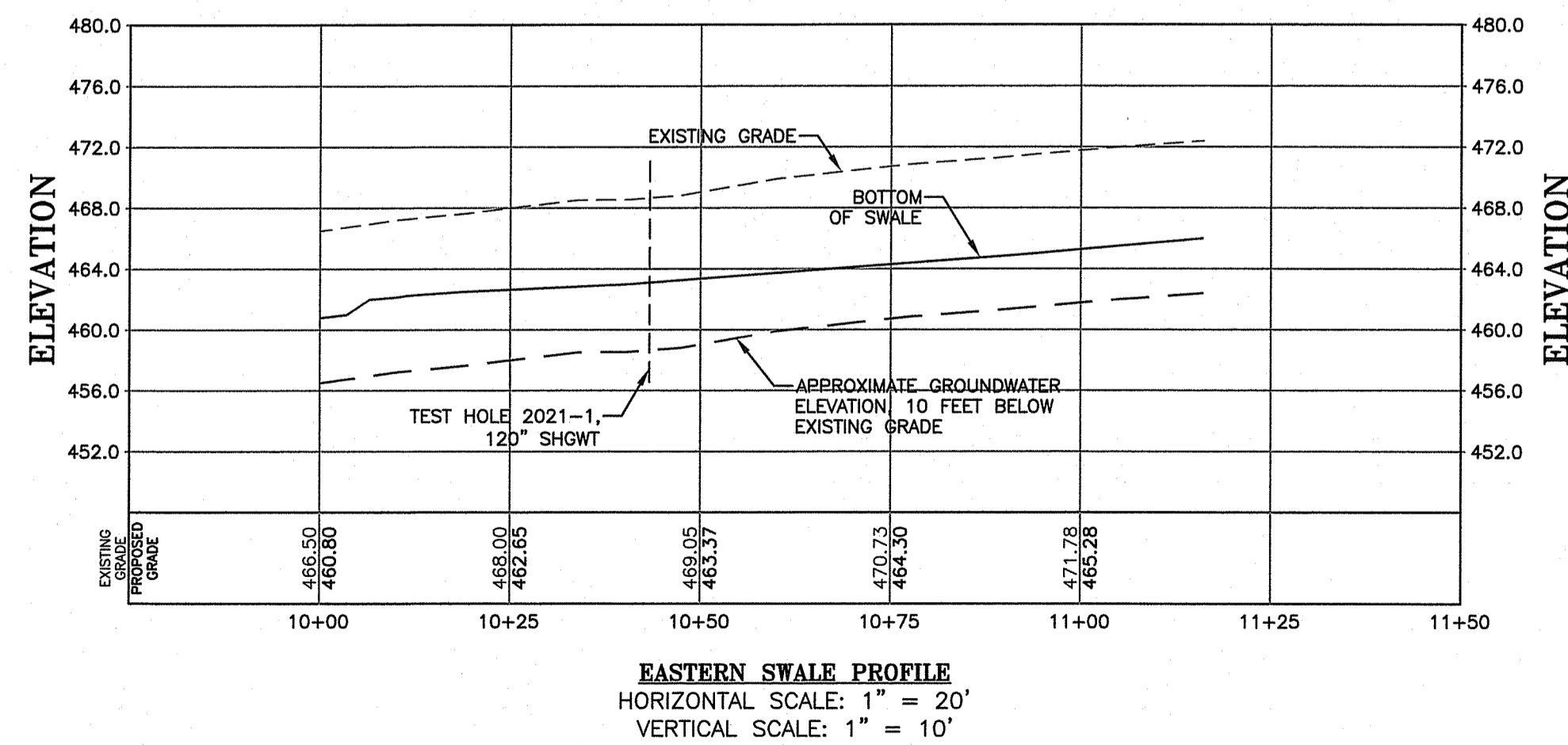


- NOTES:
 1. EROSION CONTROL BLANKET SHALL BE NORTH AMERICAN GREEN PRODUCTS P300 OR APPROVED EQUIVALENT.
 2. EROSION CONTROL BLANKET SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS.
 3. SWALE SHALL BE SEEDDED WITH RI STATE SLOPE MIX DESCRIBED IN THE STORMWATER BASIN LANDSCAPE DETAIL.
 4. REFER TO SWALE PROFILES FOR APPROXIMATE GROUNDWATER ELEVATION

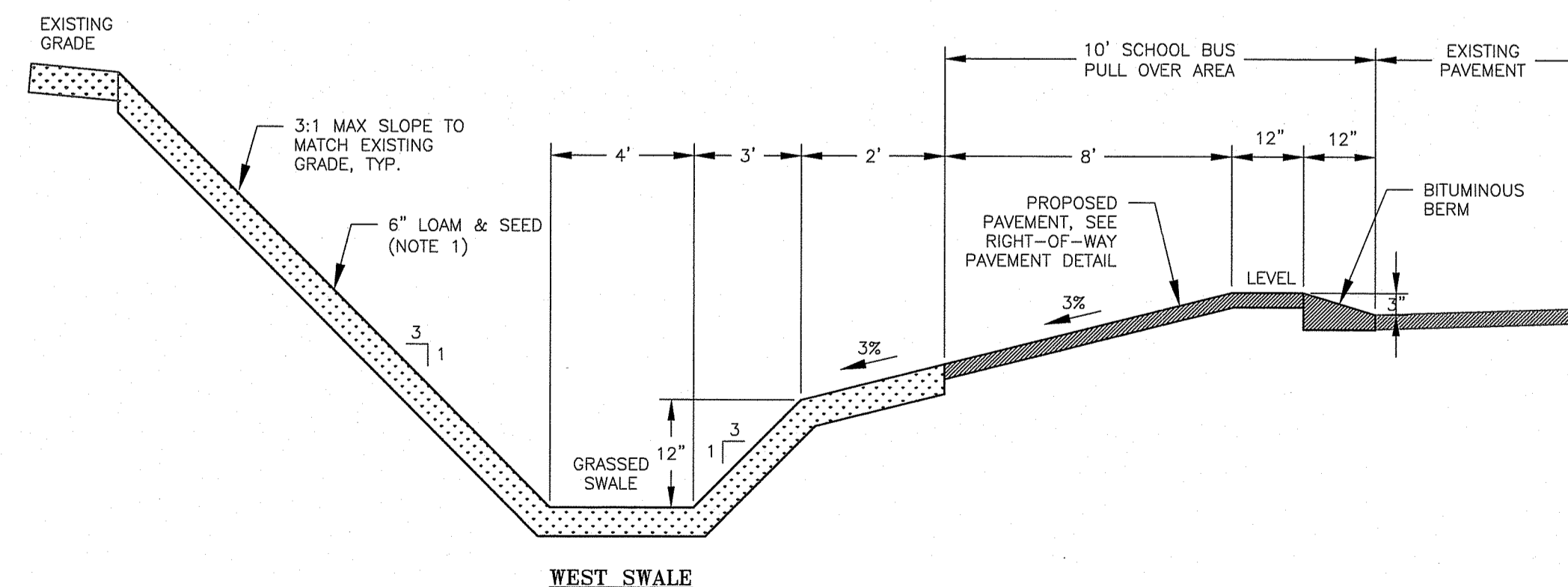
WESTERN SWALE PROFILE

WESTERN GRASSED SWALE

NTS



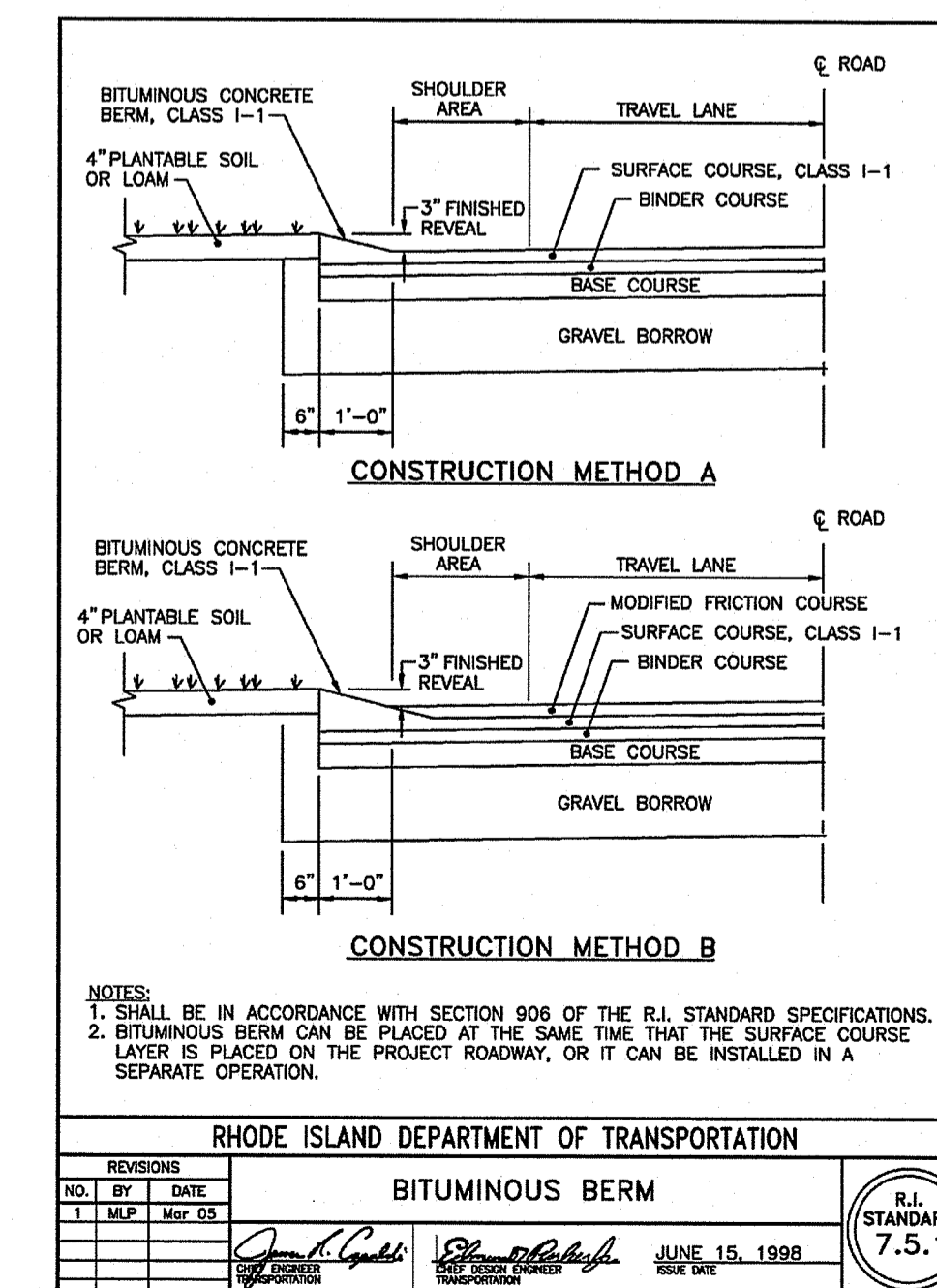
EASTERN SWALE PROFILE
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 10'



- NOTES:
 1. SWALE SHALL BE SEEDDED WITH RI STATE SLOPE MIX DESCRIBED IN THE STORMWATER BASIN LANDSCAPE DETAIL.
 2. REFER TO SWALE PROFILES FOR APPROXIMATE GROUNDWATER ELEVATION

EASTERN GRASSED SWALE & BUS PULL OVER AREA

NTS



NOTES:
 1. SHALL BE IN ACCORDANCE WITH SECTION 906 OF THE R.I. STANDARD SPECIFICATIONS.
 2. BITUMINOUS BERM CAN BE PLACED AT THE SAME TIME THAT THE SURFACE COURSE LAYER IS PLACED ON THE PROJECT ROADWAY, OR IT CAN BE INSTALLED IN A SEPARATE OPERATION.

REVISIONS		DATE	
NO.	BY	DATE	DESCRIPTION
1	JKL	REV. 03	

RHODE ISLAND DEPARTMENT OF TRANSPORTATION
 BITUMINOUS BERM
 R.I. STANDARD 7.5.1
 JUNE 15, 1998

Environmental Management
 MAY 20 2021
 Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO.: 20-0305
 DATED JUL - 2 2021
 SEE LETTER OF SAME DATE.
 Nancy L. Freeman

PLAN REVISIONS				
REV. NO.	DATE	DESCRIPTION	DWN BY	CHK BY
1	5/19/21	RIDOT/RIDEM COMMENTS	AKG	SFC

SCALE: NTS
 CA JOB #218039-23
 NOVEMBER 24, 2020
 DRAWN BY: AKG
 CHECK BY: SFC

ISSUED FOR PERMITTING

DETAIL SHEET 2

NOOSENECK HILL
 CONSERVATION SUBDIVISION
 NOOSENECK HILL ROAD
 RICHMOND, RI 02812
 PLAT 1C LOT 2

PREPARED FOR
 OXFORD DEVELOPMENT
 GROUP, INC.

SERGIO F. CHERENZIA
 No. 9238
 REGISTERED PROFESSIONAL ENGINEER (CIVIL)

C-7

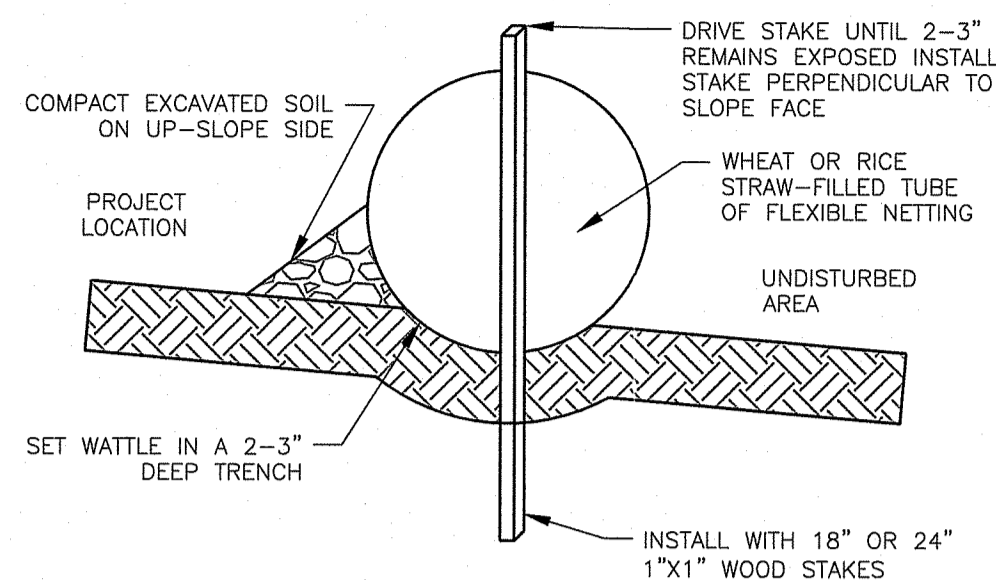
SHEET 7 OF 8

CHERENZIA & ASSOCIATES, LTD.

OWTS GENERAL NOTES:

- CONTRACTOR SHALL FIELD VERIFY LOCATION, CONDITION AND TYPE OF ANY AND ALL BUILDING SEWERS PRIOR TO START OF CONSTRUCTION. IF ANY DISCREPANCY EXISTS BETWEEN FIELD COMPONENTS AND THOSE SHOWN ON PLAN, CONTRACTOR SHALL IMMEDIATELY CONTACT ENGINEER PRIOR TO MODIFICATION OR START OF CONSTRUCTION ACTIVITIES.
- PLANS ARE PROVIDED SOLELY FOR USE IN CONSTRUCTION OF OWTS SYSTEM, INTERIOR PLUMBING MODIFICATION MAY BE NECESSARY TO MEET LINES AND GRADES ON THESE PLANS. IF NECESSARY, A QUALIFIED, LICENSED PLUMBER SHALL BE RETAINED TO PERFORM WORK BY THE OWNER AT THE OWNER'S EXPENSE. THE ENGINEER SHALL BE NOTIFIED IN ADVANCE OF ANY PLUMBING WORK TO BE DONE TO ENSURE COMPLIANCE WITH THESE PLANS AND APPLICABLE APPROVALS.
- ALL SYSTEM COMPONENTS MUST BE INSTALLED IN ACCORDANCE WITH LOCATION AND GRADE ON PLAN. IF FIELD CONDITIONS NECESSITATE CHANGES, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY AND WORK SHALL STOP UNTIL APPROVAL OF CHANGES HAS BEEN ISSUED BY ENGINEER.
- THERE ARE NO SUBSURFACE DRAINS, FOUNDATION DRAINS, OR STORM DRAINS EXISTING OR PROPOSED WITHIN 25' UP GRADIENT OR 50' DOWN GRADIENT OF THE PROPOSED OWTS.
- CLEAR ALL BRUSH AND TREES WITHIN 10' OF OWTS.
- NO PARKING OVER SYSTEM, UNLESS H2O WHEEL LOAD IS SPECIFIED.
- ALL SEPTIC TANK FILTERS SHALL BE CLEANED ON A YEARLY BASIS.
- THE SEPTIC TANK SHALL BE PUMPED OF CONTENTS WHEN THE SLUDGE DEPTH BECOMES GREATER THAN 1/4 THE LIQUID DEPTH. THE TIME BETWEEN PUMPING WILL VARY, BUT IT IS SUGGESTED THAT THE TANK BE PUMPED OF CONTENT AND INSPECTED AT LEAST EVERY TWO YEARS AND MORE FREQUENTLY WHEN EXTENDED PERIODS OF HIGHFLOW RATES ARE EXPERIENCED.
- CONSTRUCTION SUPERVISION OF THE INSTALLATION OF THIS SEPTIC SYSTEM BY THE SYSTEM DESIGNER IS REQUIRED. CHERENZIA AND ASSOCIATES, LTD. MUST BE CONTACTED 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ASSURE COMPLIANCE WITH RIDEM OWTS REGULATIONS.
- USE WATER TIGHT PIPE CONNECTIONS AT SEPTIC TANK.
- WELL OR DRAINS, EXISTING AND PROPOSED WITHIN 200' OF OWTS OR ALTERNATE AREA ARE SHOWN ON PLAN.
- PUBLIC WELLS, EXISTING AND PROPOSED WITHIN 500' OF OWTS OR ALTERNATE AREA ARE SHOWN ON PLAN.
- OWTS WITHIN 100' OF ANY PROPOSED WELL ARE SHOWN ON PLAN.
- A BENCHMARK SHALL BE SET WITHIN 100' OF PROPOSED OWTS.
- EFFLUENT PIPE SHALL BE CONSTRUCTED OF SDR 35 OR CLASS 200 PVC MINIMUM OR EQUIVALENT UNLESS INDICATED OTHERWISE.
- MINIMUM ELEVATION OF LEACHFIELD INVERT SHALL BE MAINTAINED AT LEAST 10' BEYOND SYSTEM.
- SEPTIC TANK TO HAVE INLET TEE AND PROVIDE MANHOLE ACCESS AT GRADE.
- OWTS DESIGN AND APPROVAL IS BASED UPON SOIL EVALUATIONS CONDUCTED IN ACCORDANCE WITH RIDEM OWTS RULES. LOCATION OF SOIL EVALUATIONS ARE SHOWN ON THE SITE PLAN. UNFORESEEN SOIL CONDITIONS OUTSIDE THE REPRESENTATIVE SOIL EVALUATIONS MAY RESULT IN ADDITIONAL EXCAVATION OF UNSUITABLE MATERIAL TO BE REMOVED AND/OR PLACED DURING CONSTRUCTION.
- PIPE AND FORCE MAIN LENGTHS SHOWN ARE HORIZONTAL DISTANCES ONLY AND DO NOT TAKE INTO ACCOUNT SLOPES.

SLOPE STEEPNESS	MAXIMUM SPACING (FT)
2:1	25
3:1	50
4:1	75
5:1 OR FLATTER	100

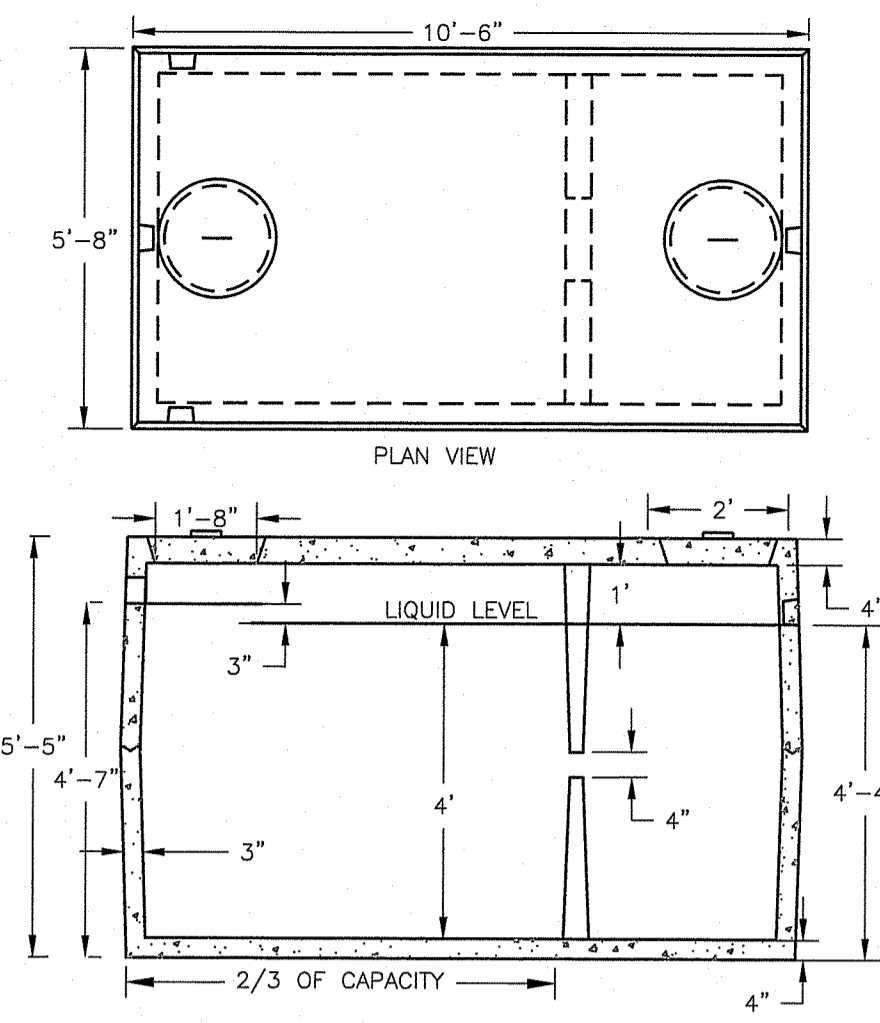


NOTES:

- BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2-3" DEEP X 9" WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHALL BE PLACED UP-SLOPE FROM THE ANCHOR TRENCH.
- PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT THE SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UP-HILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
- SECURE THE WATTLE WITH 18-24" STAKES EVERY 3-4' WITH A STAKE ON EACH END. STAKES SHALL BE DRIVEN THROUGH THE MIDDLE OF THE WATTLES LEAVING AT LEAST 2-3" OF STAKE EXTENDING ABOVE THE WATTLE. THE WATTLE STAKES SHALL BE DRIVEN PERPENDICULAR TO SLOPE FACE.
- MAX. DRAINAGE AREA ≤ 0.25 ACRES/100 LINEAR FEET.

STRAW WATTLE

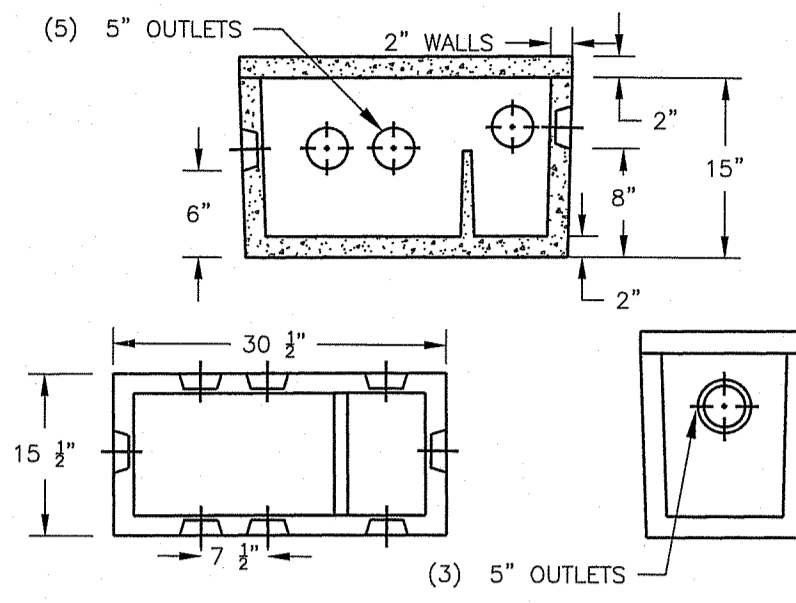
NTS CA-EC-002



- NOTES:**
- ALL JOINTS SEALED WITH BUTYL RUBBER SEALANT.
 - ALL INLETS AND OUTLETS SHALL HAVE WATER TIGHT STATE APPROVED SEALS.
 - APPROXIMATE TANK WEIGHT: 13,400 LBS

1,500 GALLON TWO COMPARTMENT SEPTIC TANK

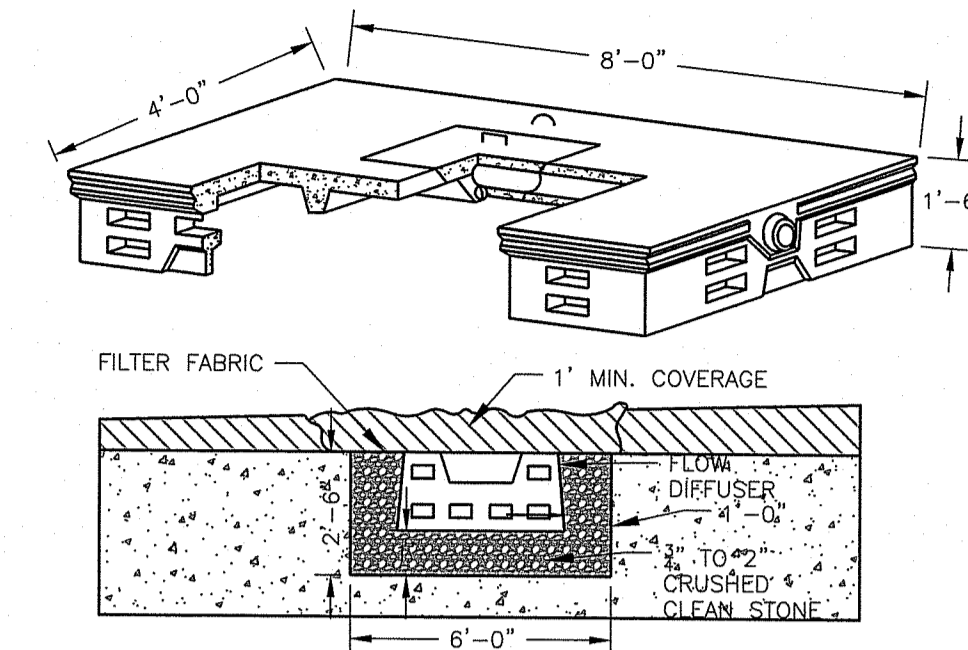
NTS CA-O-003A3.3



- NOTES:**
- MINIMUM 3 S.F. BOTTOM AREA

DB-5 DISTRIBUTION BOX

NTS CA-O-028



CONCRETE DIFFUSER - RI

NTS CA-O-004C2

DESIGN CALCULATIONS:

- SUBLOT 1:** 115 GALLONS PER DAY PER BEDROOM X 4 BEDROOMS = 460 GALLONS PER DAY.
TEST HOLES #20-2 & #20-3
LOADING RATE: 0.70 GAL./S.F./DAY, SOIL CATEGORY 6M.
460 GALLONS PER DAY/0.70 GAL. PER SF PER DAY = 657.2 SF REQUIRED.
TWO ROWS OF FIVE DIFFUSORS = 696 SF PROVIDED.
- SUBLOT 2:** 115 GALLONS PER DAY PER BEDROOM X 4 BEDROOMS = 460 GALLONS PER DAY.
TEST HOLES #20-4 & #20-5
LOADING RATE: 0.61 GAL./S.F./DAY, SOIL CATEGORY 7M.
460 GALLONS PER DAY/0.61 GAL. PER SF PER DAY = 754.1 SF REQUIRED.
ONE ROW OF FIVE AND ONE ROW OF SIX DIFFUSORS = 780 SF PROVIDED.
- SUBLOT 3:** 115 GALLONS PER DAY PER BEDROOM X 4 BEDROOMS = 460 GALLONS PER DAY.
TEST HOLES #TH1 & #TH2
LOADING RATE: 0.70 GAL./S.F./DAY, SOIL CATEGORY 3 & 6M.
460 GALLONS PER DAY/0.70 GAL. PER SF PER DAY = 657.2 SF REQUIRED.
TWO ROWS OF FIVE DIFFUSORS = 696 SF PROVIDED.
- SUBLOT 4:** 115 GALLONS PER DAY PER BEDROOM X 4 BEDROOMS = 460 GALLONS PER DAY.
TEST HOLES #20-7 & #20-8
LOADING RATE: 0.70 GAL./S.F./DAY, SOIL CATEGORY 6M.
460 GALLONS PER DAY/0.70 GAL. PER SF PER DAY = 657.2 SF REQUIRED.
TWO ROWS OF FIVE DIFFUSORS = 696 SF PROVIDED.
- NO PLANS FOR GARBAGE DISPOSAL OR LARGE TUB IN ANY OF THE PROPOSED LOTS.

APPLICATION #	2029-0227
DATE OF TEST HOLE:	3/17/2020
SOIL EVALUATOR:	BRANDON FANEUF

TEST HOLE # 20-2				TEST HOLE # 20-3			
ELEVATION OF TEST HOLE =	472.5	ELEVATION OF TEST HOLE =	471.3				
DEPTH TO GW (O.G.) = 96"		DEPTH TO GW (O.G.) = 96"					
GROUNDWATER ELEV. =	463.33	GROUNDWATER ELEV. =	463.3				
LEDGE ENCOUNTERED =	N/A	LEDGE ENCOUNTERED =	N/A				

HORIZON	DEPTH	TEXTURE	SOIL CATEGORY	HORIZON	DEPTH	TEXTURE	SOIL CATEGORY
A	14-0	-	-	A	0-8	FSL	4
Ab	0-2	FSL	4	Bw	8-30	BDSTSL	3
Bw	2-22	STSL	3	C	30-120	STGRSL	6M
C	22-106	STGRSL	6M				

TEST HOLE # 20-4				TEST HOLE # 20-5			
ELEVATION OF TEST HOLE =	462.0	ELEVATION OF TEST HOLE =	460.4				
DEPTH TO GW (O.G.) = 96"		DEPTH TO GW (O.G.) = 96"					
GROUNDWATER ELEV. =	454.0	GROUNDWATER ELEV. =	452.4				
LEDGE ENCOUNTERED =	N/A	LEDGE ENCOUNTERED =	N/A				

HORIZON	DEPTH	TEXTURE	SOIL CATEGORY	HORIZON	DEPTH	TEXTURE	SOIL CATEGORY
A	0-2	FSL	4	A	0-4	FSL	4
Bw1	2-6	STSL	3	Bw	4-12	STSL	3
Bw2	6-16	STSL	3	C1	12-30	STSL	7M
C	16-84	STSL	7M	C2	30-48	STSL	7M
2C	84-120	STLS	6M	C3	48-72	STSL	7M
				2C	72-120	STLS	6M

TEST HOLE # 20-7				TEST HOLE # 20-8			
ELEVATION OF TEST HOLE =	446.5	ELEVATION OF TEST HOLE =	443.6				
DEPTH TO GW (O.G.) = 96"		DEPTH TO GW (O.G.) = 96"					
GROUNDWATER ELEV. =	438.5	GROUNDWATER ELEV. =	435.6				
LEDGE ENCOUNTERED =	N/A	LEDGE ENCOUNTERED =	N/A				

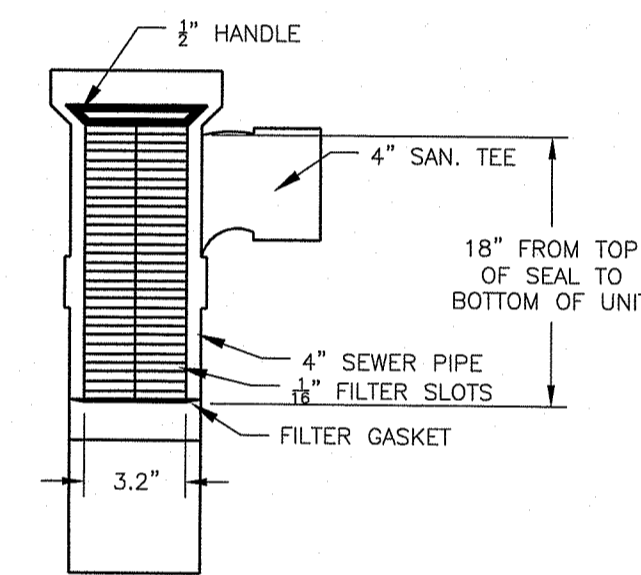
HORIZON	DEPTH	TEXTURE	SOIL CATEGORY	HORIZON	DEPTH	TEXTURE	SOIL CATEGORY
A	0-2	FSL	4	A	0-2	FSL	4
Ap	2-10	FSL	4	Ap	2-8	FSL	4
Bw	10-34	STSL	3	Bw	8-30	STSL	4M
C	34-60	FSL	7	C	30-60	FSL	7
2C	60-120	STLS	6M	2C	60-120	STLS	6M

APPLICATION #	1929-0643
DATE OF TEST HOLE:	6/21/2019
SOIL EVALUATOR:	SAMUEL R. SUORSA

TEST HOLE #TH1				TEST HOLE #TH2			
ELEVATION OF TEST HOLE =	454.9	ELEVATION OF TEST HOLE =	456.9				
DEPTH TO GW (O.G.) = 54"		DEPTH TO GW (O.G.) = 60"					
GROUNDWATER ELEV. =	450.4	GROUNDWATER ELEV. =	451.9				
LEDGE ENCOUNTERED =	N/A	LEDGE ENCOUNTERED =	N/A				

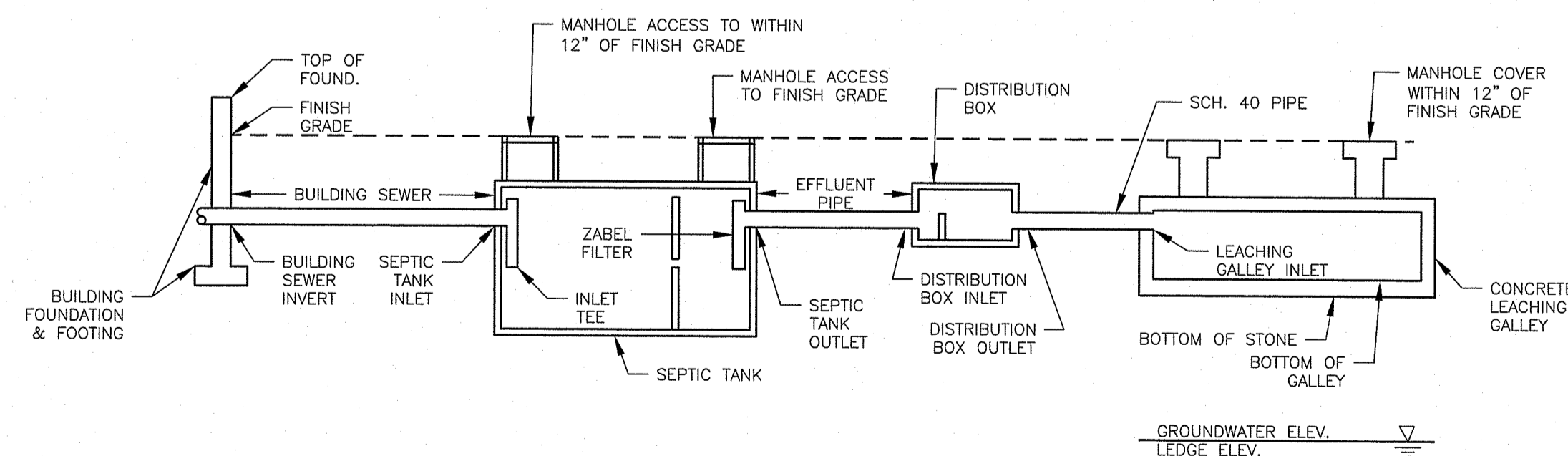
HORIZON	DEPTH	TEXTURE	SOIL CATEGORY	HORIZON	DEPTH	TEXTURE	SOIL CATEGORY
A	0-8	SL	3	A	0-8	SL	3
Bw	8-25	SL	3	Bw	8-25	SL	3
BC	25-36	SL	3	BC	25-40	SL	3
C	36-132	GLS	6M	C	40-132	GLS	6M

	SUBLOT 1	SUBLOT 2	SUBLOT 3	SUBLOT 4
BUILDING SEWER				
FINISH FLOOR ELEV.	478.0 ±	472.0 ±	462.0 ±	454.0 ±
FINISH GRADE	474.90	463.20	458.90	448.10
BUILDING SEWER INV.	471.90	460.50	456.90	445.00
BUILDING SEWER LENGTH	10 FT	6 FT	8 FT	10 FT
BUILDING SEWER SLOPE	3.0%	3.3%	3.1%	2.5%
BUILDING SEWER PIPE SIZE/TYP	4" SDR 35 PVC	4" SDR 35 PVC	4" SDR 35 PVC	4" SDR 35 PVC
SEPTIC TANK				
FINISH GRADE	474.8	462.1	458.4	447.1
SEPTIC TANK INV. IN	471.60	460.30	456.65	444.75
SEPTIC TANK INV. OUT	471.35	460.05	456.40	444.50
EFFLUENT PIPE LENGTH	65 FT	24 FT	27 FT	48 FT
EFFLUENT PIPE SLOPE	3.1%	2.7%	2.1%	4.3%
EFFLUENT PIPE SIZE/TYP	4" SDR 35 PVC	4" SDR 35 PVC	4" SDR 35 PVC	4" SDR 35 PVC
DISTRIBUTION BOX				
FINISH GRADE	471.0	461.0	457.5	444.3
D-BOX INV. IN	469.34	459.34	455.84	442.44
D-BOX INV. OUT	467.17	459.17	455.67	442.27
CONCRETE GALLEY				
PROPOSED GRADE OVER LEACHFIELD	470.5-471.5	460.5-461.5	457.0-458.0	444.0-444.6
DIFFUSOR INV. IN	469.00	459.00	455.50	442.10
BOTTOM OF CHAMBER	468.00	458.00	454.50	441.10
BOTTOM OF STONE	467.00	457.00	453.50	440.10
10 FT FILL PERIMETER MIN. ELEV.	469.00	459.00	455.50	442.10
LEACHFIELD DESIGN POINT				
CENTER EXISING ELEV.	471.10	461.00	455.00	445.10
GROUNDWATER ELEV.	463.10	453.00	450.50	437.10
GROUNDWATER SEPARATION	3.9 FT	4.0 FT	3.0 FT	3.0 FT



ZABEL FILTER DETAILS

NTS CA-O-007A



SEPTIC SCHEMATIC

NTS CA-O-000

CHERENZIA & ASSOCIATES, LTD.
 Civil Engineers
 Land Surveyors
 Environmental Engineers
 99 Mechanic St.
 Pawcatuck, CT 06379
 Tel: 860.629.6500
 Fax: 860.599.6090
 P.O. Box 513
 Westerly, RI 02891
 Tel: 401.596.7747
 www.cherenzia.com

NEI
Narragansett Engineering Inc.
 Civil • Survey • Structural • Environmental • Design
 3102 East Main Road, Portsmouth RI 02871
 Tel. 401.683.6630 www.nei-cds.com

Environmental Management
 MAY 20 2021
 Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 REVIEWED SITE PLAN APPLICATION NO. 20-0305
 DATED 5-2-2021
 SEE LETTER OF SAME DATE.
 Nancy L. Freeman

PLAN REVISIONS					
REV. NO.	DATE	DESCRIPTION	DWN BY	CHK BY	
1	5/19/21	RIDOT/RIDEM COMMENTS	AKG	SFC	

SCALE: NTS
 CA JOB #218039-23
 NOVEMBER 24, 2020
 DRAWN BY: AKG
 CHECK BY: SFC

ISSUED FOR PERMITTING

OWTS DETAILS

NOOSENECK HILL CONSERVATION SUBDIVISION
 NOOSENECK HILL ROAD
 RICHMOND, RI 02812
 PLAT 1C LOT 2

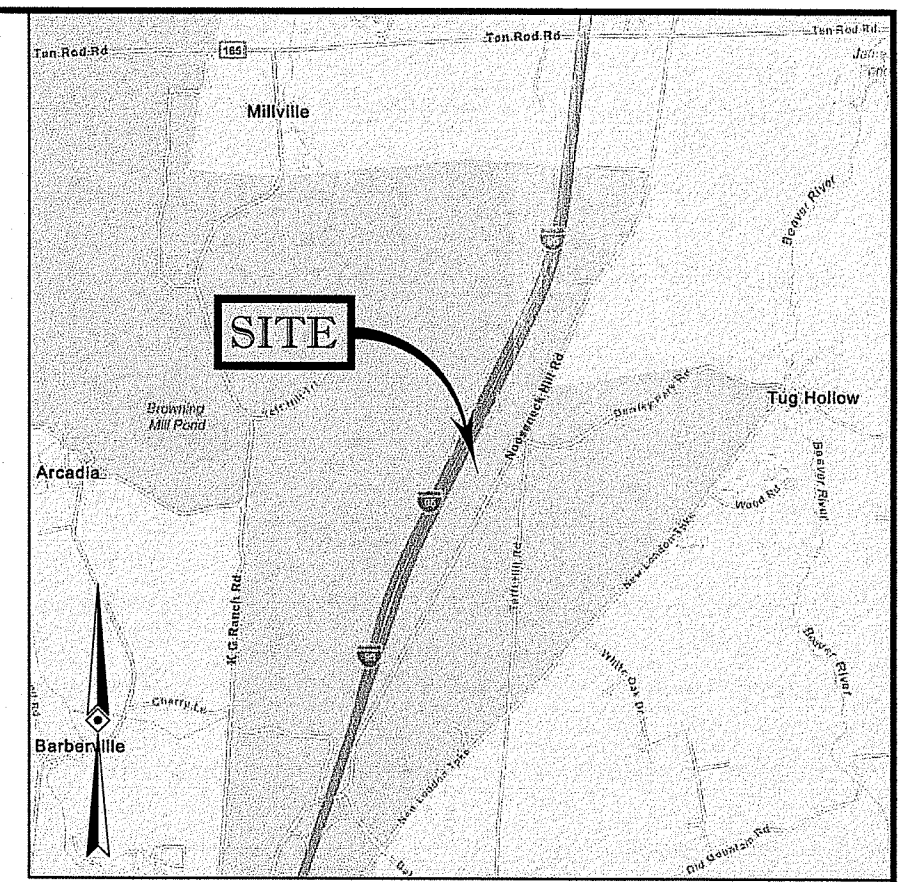
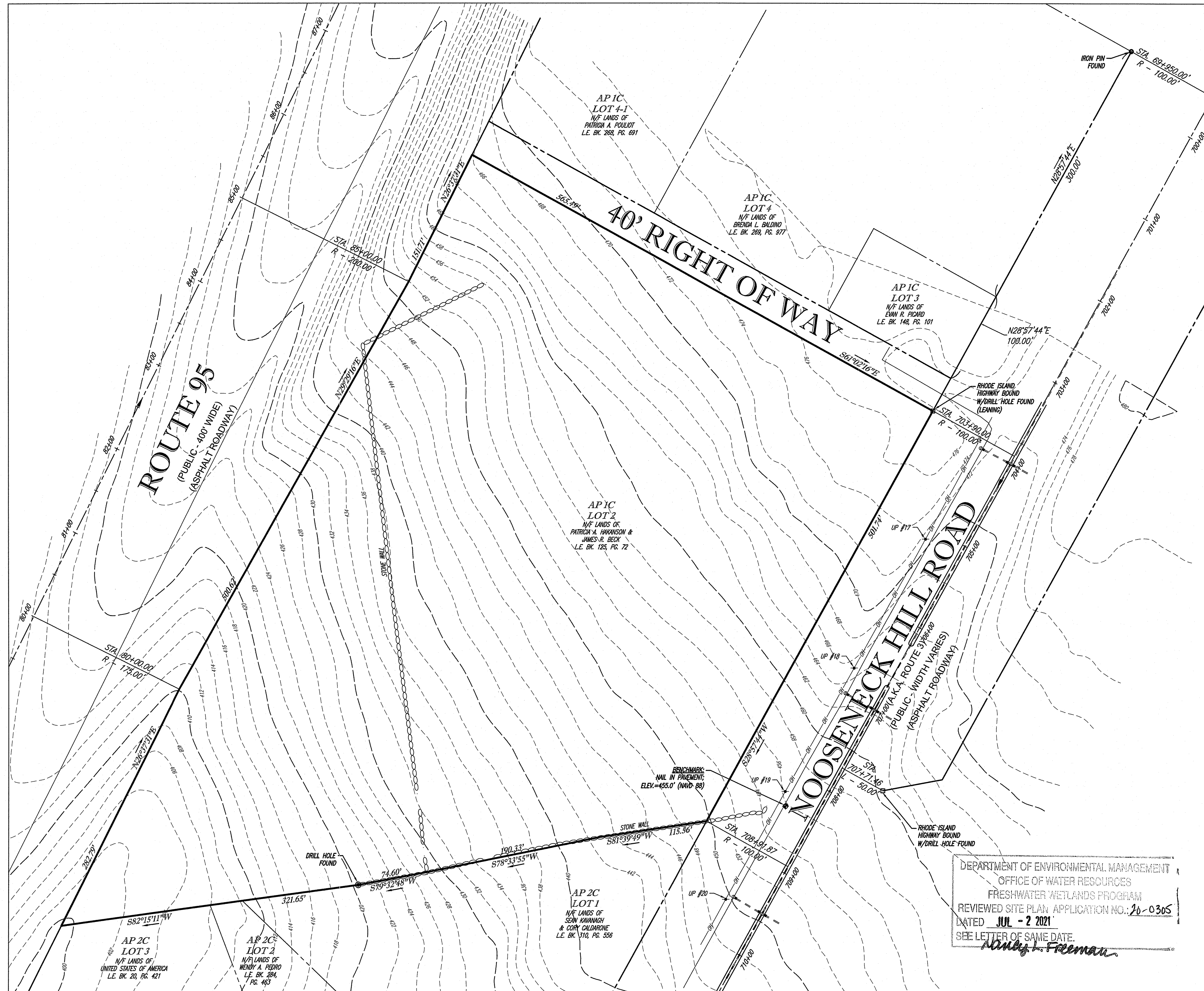
PREPARED FOR
OXFORD DEVELOPMENT GROUP, INC.

SERGIO F. CHERENZIA
 No. 9238
 REGISTERED PROFESSIONAL ENGINEER (CIVIL)

C-8

SHEET 8 OF 8

CHERENZIA & ASSOCIATES, LTD.



LOCUS MAP
©2018 ESRI WORLD STREET MAPS

Environmental Management
MAY 20 2021
Office of Water Resources

- NOTES:
- PROPERTY KNOWN AS LOT 2 ON THE TOWN OF RICHMOND, WASHINGTON COUNTY, STATE OF RHODE ISLAND TAX ASSESSORS MAP NO. 1C.
 - AREA = 406,599 SQUARE FEET OR 9.334 ACRES.
 - LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE. LOCATIONS AND SIZES ARE BASED ON UTILITY MARK-OUTS, ABOVE GROUND STRUCTURES THAT WERE VISIBLE & ACCESSIBLE IN THE FIELD, AND THE MAPS AS LISTED IN THE REFERENCES AVAILABLE AT THE TIME OF THE SURVEY. AVAILABLE AS-BUILT PLANS AND UTILITY MARK-OUT DOES NOT ENSURE MAPPING OF ALL UNDERGROUND UTILITIES AND STRUCTURES. BEFORE ANY EXCAVATION IS TO BEGIN, ALL UNDERGROUND UTILITIES SHOULD BE VERIFIED AS TO THEIR LOCATION, SIZE AND TYPE BY THE PROPER UTILITY COMPANIES. SARDELLI SURVEY, LLC DOES NOT GUARANTEE THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED.
 - THIS PLAN IS BASED ON INFORMATION PROVIDED BY A SURVEY PREPARED IN THE FIELD BY SARDELLI SURVEY, LLC AND OTHER REFERENCE MATERIAL AS LISTED HEREON.
 - THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO THE RESTRICTIONS, COVENANTS AND/OR EASEMENTS THAT MAY BE CONTAINED THEREIN.
 - BY GRAPHIC PLOTTING ONLY PROPERTY IS LOCATED IN FLOOD HAZARD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) PER REF. #2.
 - ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), BASED ON GPS OBSERVATIONS UTILIZING THE AGORA VRS NETWORK (UCCM). CONTOURS WERE DERIVED FROM THE 2011 USGS NORTHEAST LIDAR PROJECT, WWW.RIGIS.ORG.
 - THE OFFSETS SHOWN ARE NOT TO BE USED FOR THE CONSTRUCTION OF ANY STRUCTURE, FENCE, PERMANENT ADDITION, ETC.
 - THIS SITE IS A PRIMARILY WOODED VACANT LOT. NO ENCROACHMENTS WERE OBSERVED AT THE TIME OF THE FIELD SURVEY. APPARENT LIMITS OF OCCUPATION ARE AS SHOWN.
 - SITE WAS FLOWN ON AUGUST 28, 2019 BY SARDELLI SURVEY, LLC USING A PHANTOM 4 PRO QUADCOPTER AT ROUGHLY 240' AND 400' ALTITUDE.
 - DELETED.
 - REFERENCE #3 (BELOW) WAS USED, BUT FOUND IN ERROR TO THE HIGHWAY STATIONING AND MONUMENTATION LOCATED ON AND AROUND PARCELS 3, 4 & 4-1. AS SUCH PHYSICAL MONUMENTATION WAS HELD OVER THE HIGHWAY STATIONING FOUND ON SAID PLAN.

- REFERENCES:
- THE TAX ASSESSOR'S MAP OF THE TOWN OF RICHMOND, WASHINGTON COUNTY, STATE OF RHODE ISLAND, SHEET #1C.
 - MAP ENTITLED "NATIONAL FLOOD INSURANCE PROGRAM, FIRM, FLOOD INSURANCE RATE MAP, KENT COUNTY, RHODE ISLAND (ALL JURISDICTIONS), PANEL 108 OF 251," MAP NUMBER 4403C0108G, EFFECTIVE DATE: DECEMBER 3, 2010.
 - MAP ENTITLED "ADMINISTRATIVE SUBDIVISION, PREPARED FOR JAMES R. & WENDY BECK & PATRICIA A. HAKANSON, ASSESSORS PLAT 1C, LOTS 4 & 4-1, NOOSENECK HILL ROAD, ROUTE #3, RICHMOND, RHODE ISLAND," PREPARED BY RICHARD A. GREENE & ASSOCIATES, INC., DATED JANUARY 21, 2001, FILED IN THE TOWN OF RICHMOND AS MAP #281, SLIDE #217B.
 - STATE HIGHWAY MAP #889, FILED WITH THE RHODE ISLAND DEPT. OF TRANSPORTATION (RIDOT).
 - STATE HIGHWAY MAP #704, FILED WITH THE RHODE ISLAND DEPT. OF TRANSPORTATION (RIDOT).
 - STATE HIGHWAY MAP #1425, FILED WITH THE RHODE ISLAND DEPT. OF TRANSPORTATION (RIDOT).

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
REVIEWED SITE PLAN APPLICATION NO. 20-0305
DATED JUL - 2 2021
SEE LETTER OF SAME DATE.
Dulby J. Freeman

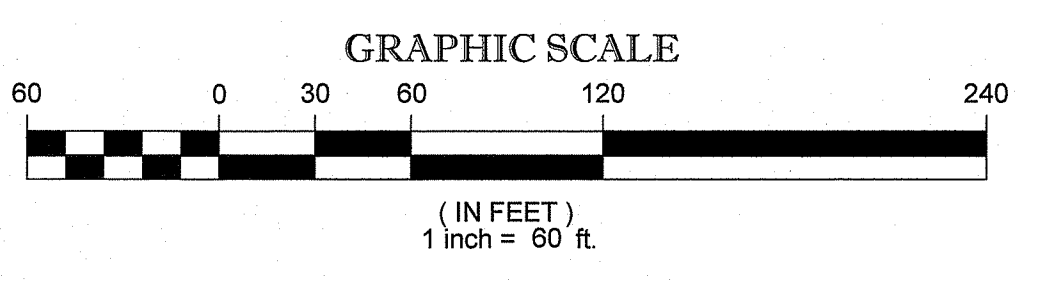
- LEGEND
- 124 --- 2011 CONTOURS (SEE NOTE #7)
 - 125 --- OVERHEAD WIRES
 - UP # --- UTILITY POLE
 - UPLP # --- UTILITY POLE/LIGHT POLE
 - ⊙ MH --- UNKNOWN MANHOLE
 - O.H. --- OVERHEAD
 - L.E. BK. --- LAND EVIDENCE BOOK
 - P.C. --- PAGE
 - L.S.A. --- LANDSCAPED AREA
 - B.F.P.A. --- BUILDING FOOTPRINT AREA
 - S.F. --- SQUARE FEET
 - LO' --- OFFSET OF STRUCTURE AT GROUND LEVEL RELATIVE TO PROPERTY LINE

MEANDER NOTE:
STONE WALLS MEANDER, PROPERTY LIMITS DISPLAYED ARE THE BEST FIT BASED ON RECORDED PLANS AND DEEDS. THE ACTUAL CENTERLINE OF THE STONE WALLS ARE THE PROPERTY LIMITS UNLESS NOTED OTHERWISE. LINWORK IS NOT A COMPLETELY PRECISE LIMIT IN CASES WHERE WALLS MEANDER FROM THE CENTERLINE.

SARDELLI SURVEY, LLC - ALL RIGHTS RESERVED. THE ORIGINAL PROJECT OR THE COPY OF THIS DOCUMENT, OR PORTION THEREOF, FOR OTHER THAN THE ORIGINAL PROJECT OR THE PURPOSE ORIGINALLY INTENDED, WITHOUT THE WRITTEN PERMISSION OF SARDELLI SURVEY, LLC IS PROHIBITED.



THE STATE OF RHODE ISLAND REQUIRES NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE.



STREET INDEX:
1) NOOSENECK HILL ROAD (A.K.A. ROUTE 3)
2) ROUTE 95

THE PURPOSE OF THIS SURVEY IS TO SHOW THE EXISTING SITE FEATURES RELATIVE TO THE ROUTE #3 PROPERTY BOUNDARY LINES.

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO 435-RICR-00-00-1.9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON OR AFTER NOVEMBER 25, 2015.

COMPREHENSIVE BOUNDARY SURVEY
HORIZONTAL ACCURACY: CLASS 1 (1:10,000)
VERTICAL ACCURACY: NONE (SEE NOTE #7)

NOT A VALID ORIGINAL DOCUMENT UNLESS EMBOSSED WITH RAISED IMPRESSION OR STAMPED WITH A BLACK INK SEAL.

JAMIE L. SARDELLI
RHODE ISLAND PROFESSIONAL LAND SURVEYOR #2505, COA #710

JAMIE L. SARDELLI
No. 2505
PROFESSIONAL LAND SURVEYOR

2-26-20
DATE

No.	DESCRIPTION OF REVISION	FIELD CREW	DRAWN	APPROVED	DATE
2	REVISED BOUNDARY LINES AND DELETED NOTE #11	N/A	J.L.S.	J.L.S.	2-26-20
1	REVISED BOUNDARY LINES AND ADDED NOTE #12	N/A	J.L.S.	J.L.S.	10-26-19

BOUNDARY & TOPOGRAPHIC SURVEY
NOOSENECK HILL ROAD
(A.K.A. ROUTE 3) - POLE #18
A.P. 1C, LOT 2
TOWN OF RICHMOND, WASHINGTON COUNTY
STATE OF RHODE ISLAND

Sardelli Survey, LLC
& Environmental Services

WWW.SARDELLISURVEY.COM
MAILING: P.O. BOX 1017
PHYSICAL: 122 NARROW LANE
CHARLESTOWN, RI 02813
OFFICE: (401) 837-3364

APPROVED:	DATE:	SCALE:	FILE NO.:	DWG. NO.:
J.L.S.	9-3-19	1"=60'	SS19115	1 OF 1