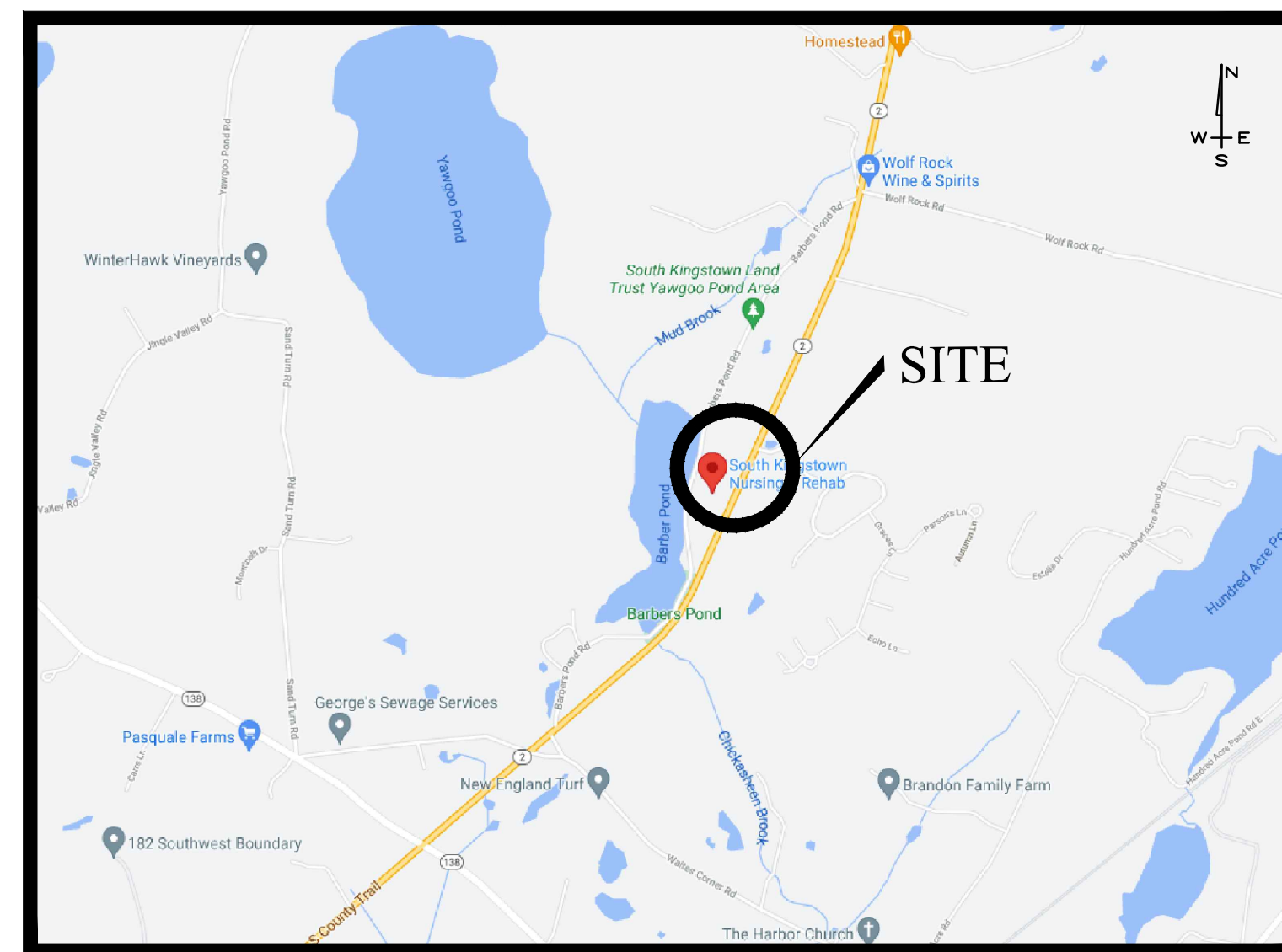


SITE PLANS

FOR

SOUTH KINGSTOWN NURSING & REHABILITATION CENTER BASEMENT ADDITION

A.P. 9, LOT 59
2115 SOUTH COUNTY TRAIL
SOUTH KINGSTOWN, RHODE ISLAND 02892



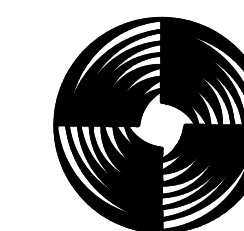
LOCUS MAP
NOT TO SCALE

OWNER / APPLICANT:
HEALTH CONCEPTS, LTD.
359 BROAD STREET
PROVIDENCE, RHODE ISLAND 02907

DATE: AUGUST, 2021

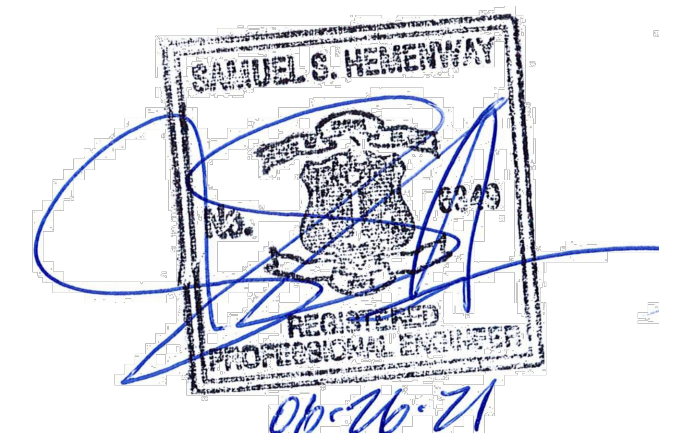
SHEET	PLAN TITLE	SHEET INDEX	LATEST REVISION
-	COVER SHEET		
SP-1	SPECIAL PERMIT OVERALL EXISTING CONDITIONS PLAN		
SP-2	SPECIAL PERMIT OVERALL DEVELOPMENT PLAN		
C-1	BASEMENT ADDITION SITE PLAN		
C-2	BASEMENT ADDITION DRAINAGE & ESC PLAN		
C-3	BASEMENT ADDITION CONSTRUCTION DETAILS		
C-4	BASEMENT ADDITION GENERAL NOTES & LEGEND		
REFERENCE PLAN			
ALTA / ATSM LAND TITLE SURVEY			

PREPARED BY:



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LAND PLANNERS/ENVIRONMENTAL SCIENTISTS
P.O. BOX 6145 PROVIDENCE, R.I. 02940
1-401-273-6000

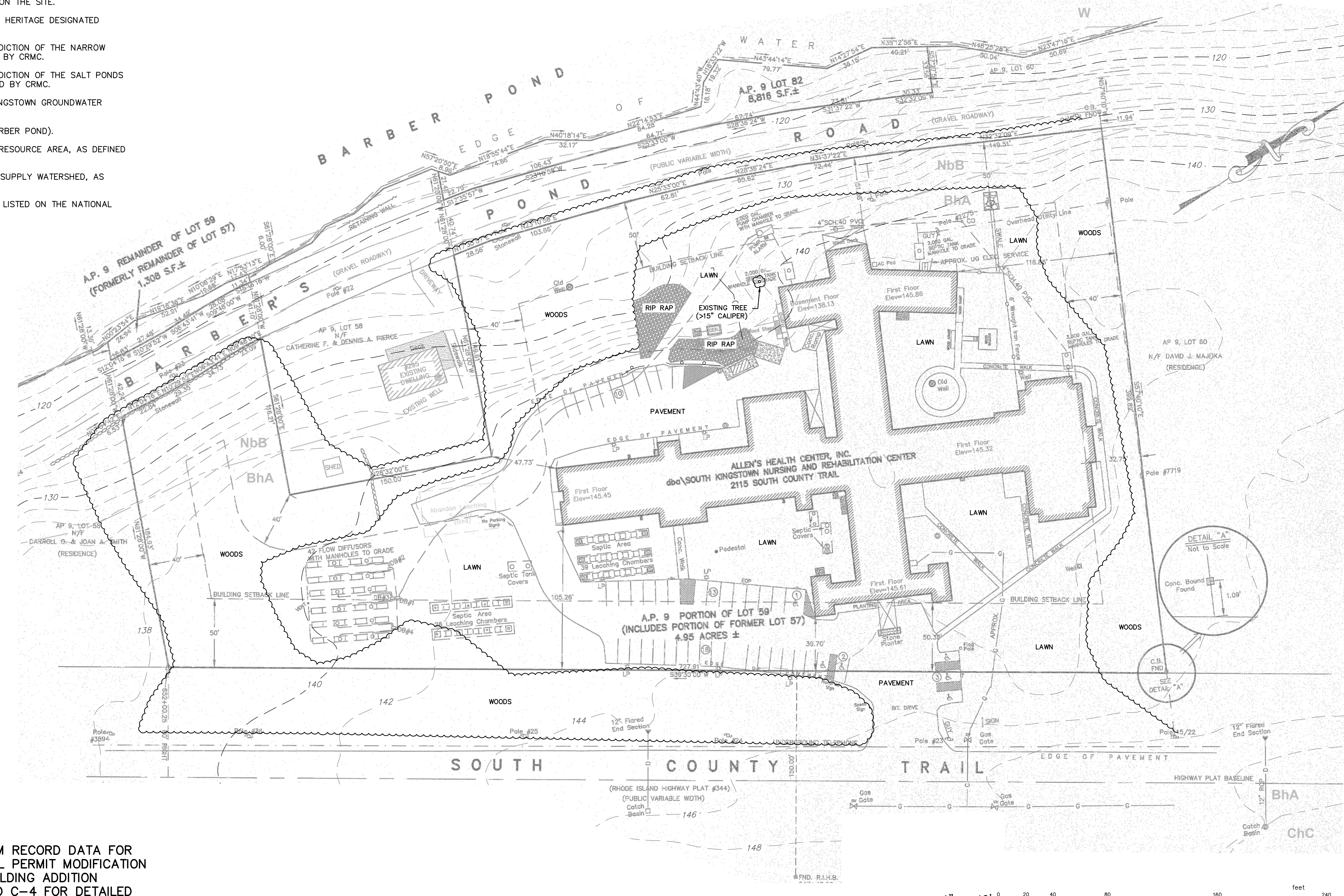
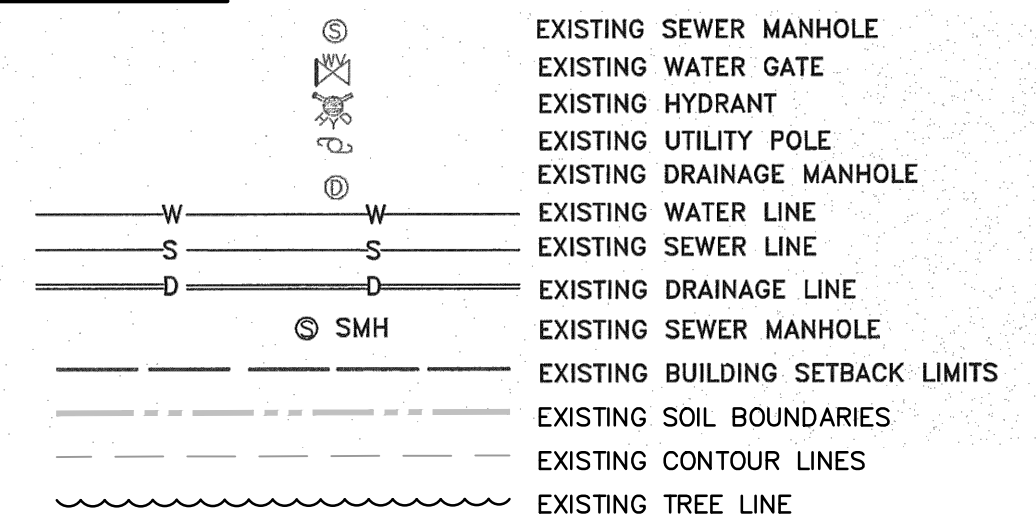
JOB NO. 7332-00



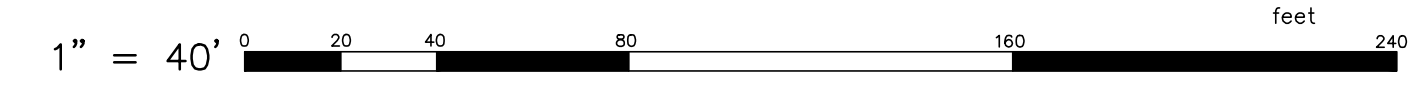
SHEET NOTES:

- THE EXISTING CONDITIONS SHOWN ON THIS PLAN HAVE BEEN COMPILED FROM THE SOURCES LISTED BELOW.
 - THE PLAN ENTITLED "ALTA/ACSM LAND SURVEY FOR ALLEN'S HEALTH CENTER, INC. DBA/SOUTH KINGSTOWN NURSING AND REHABILITATION CENTER", PREPARED BY: ANDREWS SURVEY & ENGINEERING, INC., DATED: SEPTEMBER 28, 2005, LATEST REVISED: FEBRUARY 8, 2011.
 - AERIAL IMAGERY
 - RIGIS LIDAR CONTOUR DATA
 - NRCS SOIL DATA
- THE SITE IS LOCATED WITHIN ZONE "X" (AREA OUTSIDE THE 0.20% ANNUAL FLOODPLAIN) AS SHOWN FEMA FLOOD INSURANCE RATE MAPS, PANEL NUMBERS 44009C0090J AND 44009C0093J, EFFECTIVE DATES: 4/3/2020.
- SOILS SHOWN AS Bha (BRIDGEHAMTON SILT LOAM) ARE DESIGNATED AS PRIME FARMLAND SOIL.
- THERE ARE NO AREAS OF EXISTING ACTIVE AGRICULTURAL USE PRESENT ON THE SITE.
- THE ENTIRE SITE IS LOCATED WITHIN THE USQUEPAUG RIVER-PAWCATUCK RIVER WATERSHED.
- THERE ARE NO HISTORIC COMMENTARIES ON OR IMMEDIATELY ADJACENT TO THE SITE.
- THERE ARE NO UNIQUE HISTORIC FEATURES PRESENT ON THE SITE.
- A PORTION OF THE SITE IS LOCATED WITH A NATURAL HERITAGE DESIGNATED AREAS PER RIGIS MAPPING.
- THE SITE IS NOT LOCATED IN AREA UNDER THE JURISDICTION OF THE NARROW RIVER SPECIAL AREA MANAGEMENT PLAN, AS DEFINED BY CRMC.
- THE SITE IS NOT LOCATED IN AREA UNDER THE JURISDICTION OF THE SALT PONDS REGION SPECIAL AREA MANAGEMENT PLAN, AS DEFINED BY CRMC.
- SITE IS NOT LOCATED WITHIN THE TOWN OF SOUTH KINGSTOWN GROUNDWATER PROTECTION OVERLAY DISTRICT.
- THE SITE IS LOCATED WITHIN A TMDL WATERSHED (BARBER POND).
- THE SITE IS NOT LOCATED WITHIN AN OWTS CRITICAL RESOURCE AREA, AS DEFINED BY RIDEM.
- THE SITE IS NOT LOCATED WITHIN A DRINKING WATER SUPPLY WATERSHED, AS DEFINED BY RIDEM.
- THE SITE AND BUILDINGS LOCATED THEREON ARE NOT LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.

LEGEND:

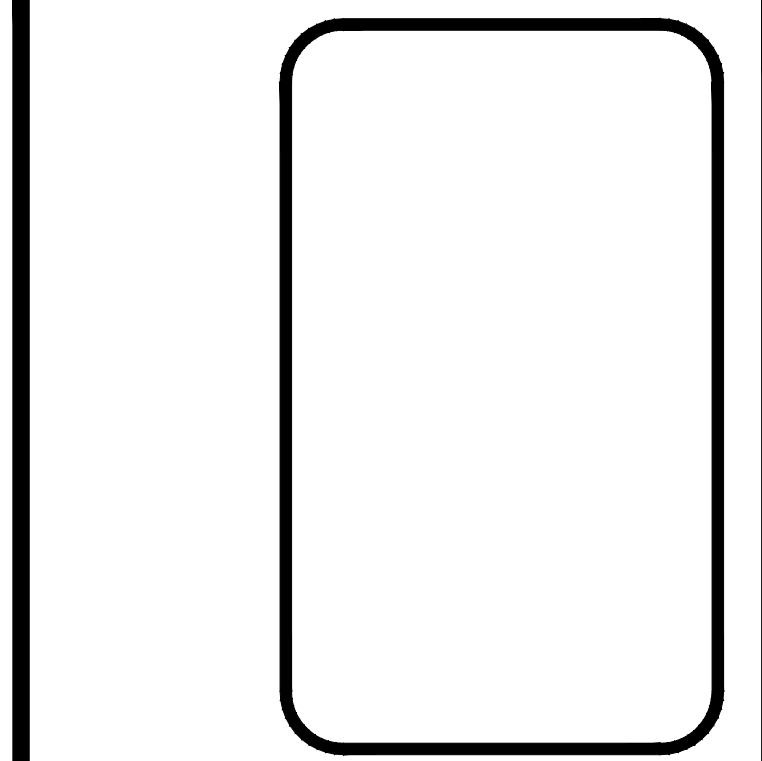


THIS PLAN HAS BEEN COMPILED FROM RECORD DATA FOR PURPOSES OF SUPPORTING A SPECIAL PERMIT MODIFICATION APPLICATION FOR THE PROPOSED BUILDING ADDITION INDICATED. REFER TO SHEETS C-1 TO C-4 FOR DETAILED PROJECT CONSTRUCTION INFORMATION.



SPECIAL PERMIT OVERALL
EXISTING CONDITIONS PLAN
FOR
**SOUTH KINGSTOWN NURSING
& REHABILITATION CENTER**
(A.P. 9, LOTS 59 & 82)
SITUATED ON
2115 SOUTH COUNTY TRAIL
SOUTH KINGSTOWN, RI
PREPARED FOR
HEALTH CONCEPTS, LTD.

NO.	REVISION	BY	DATE



GAROFALO
GAROFALO & ASSOCIATES, INC.
CIVIL & STRUCTURAL ENGINEERS/SURVEYORS
LAND PLANNERS/ENVIRONMENTAL SCIENTISTS

85 CORLISS STREET
P.O. BOX 6145
PROVIDENCE, R.I. 02940
TEL. 401-273-6000

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DWG. NO. 7332-00-Base.dwg	CHECKED S.S.H.
SCALE: AS SHOWN	APPROVED S.S.H.
	DATE: AUGUST, 2021

SHEET
SP-1
2 OF 7 SHEETS

L:\7332-00 2115 South County Trail (RCS) - South Kingstown, RI\Map\01-Current\7332-00-Base.dwg 08/26/2021 jhearned 09:22

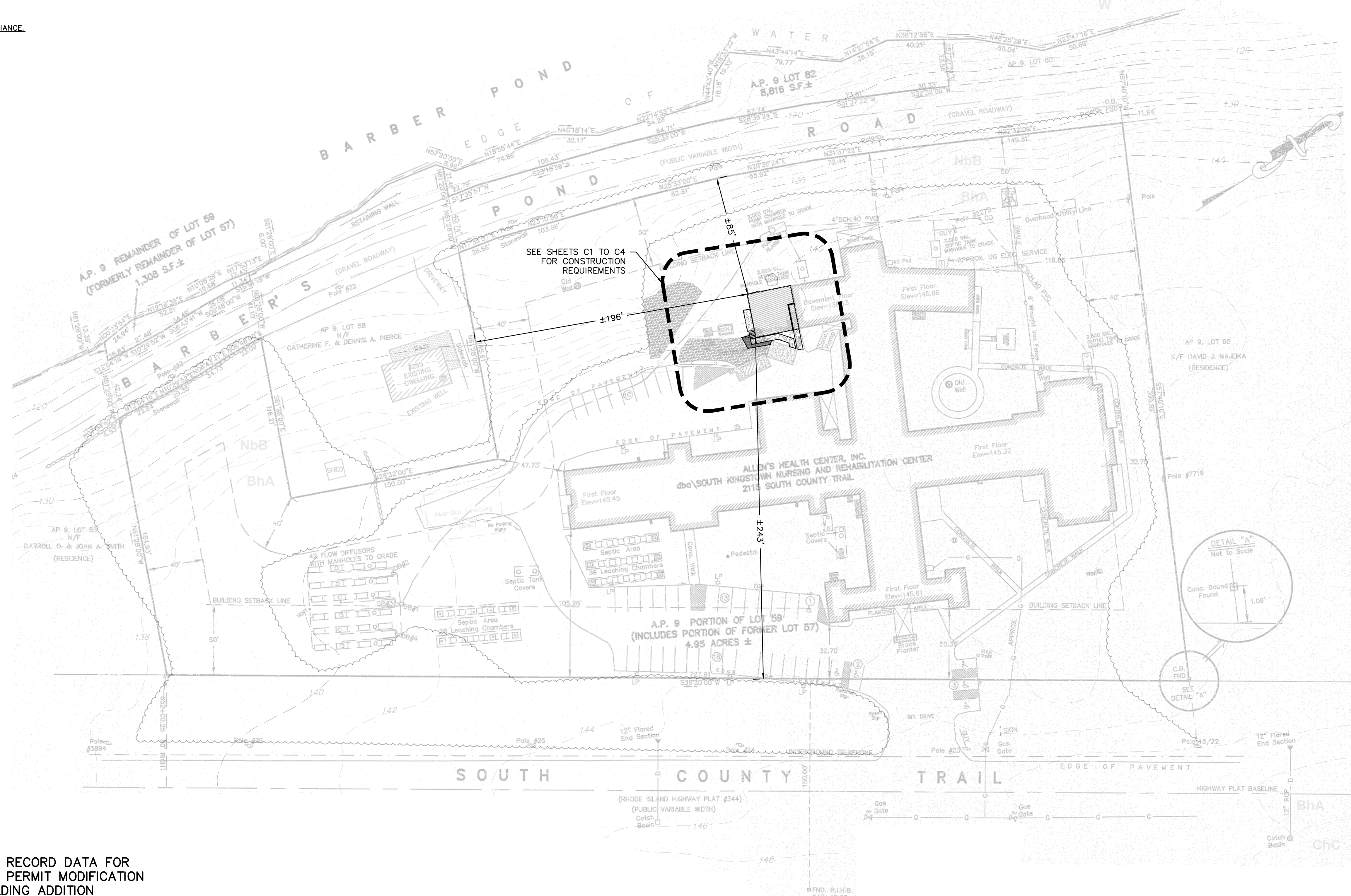
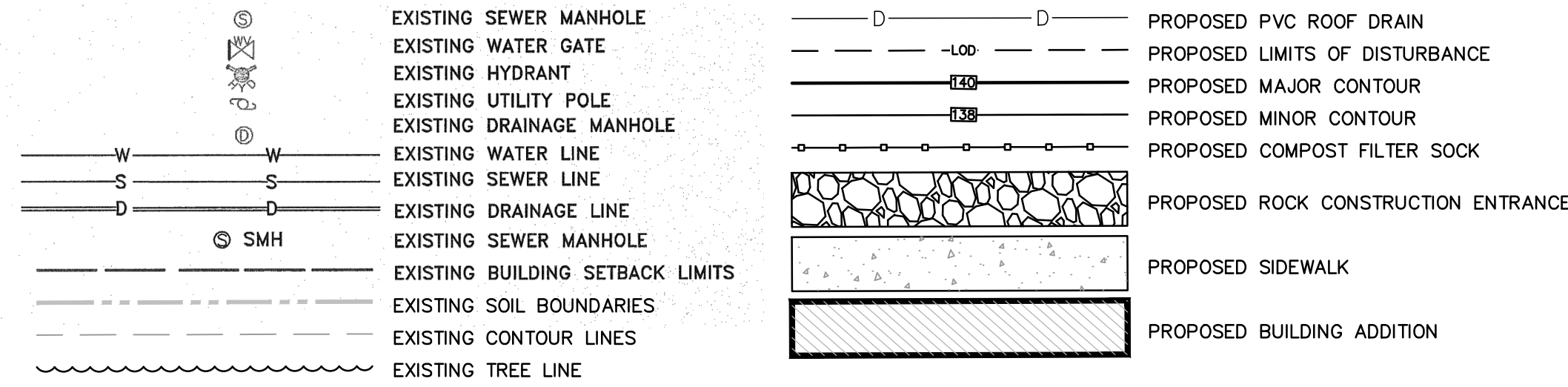
ZONING TABLE			
A.P. 9, LOT 59			
ZONING DISTRICT: R-80 RURAL RESIDENTIAL LOW DENSITY DISTRICT			
DESCRIPTION	REQUIRED	EXISTING	PROPOSED
MIN. LOT AREA	80,000 S.F.	±4.98 AC (±216,929 S.F.)	±4.98 AC (±216,929 S.F.)
MIN. LOT FRONTAGE	200'	>200'	>200'
MIN. FRONT YARD BUILDING SETBACK	50'	39.70' (1)	39.70'
MIN. SIDE YARD BUILDING SETBACK	40'	32.75' (1)	32.75'
MIN. REAR YARD BUILDING SETBACK	50'	N/A	N/A
MAX. BLDG HEIGHT	35'	< 35'	< 35'
MAX. LOT BLDG COVERAGE	20%	15.8%	16.3%
MAX. LOT IMPERVIOUS COVERAGE	15%	31.4% (1)	32.0% (2)

PARKING REQUIREMENTS			
DESCRIPTION	REQUIRED	EXISTING	PROPOSED
NURSING HOME	37 (3)	48	48

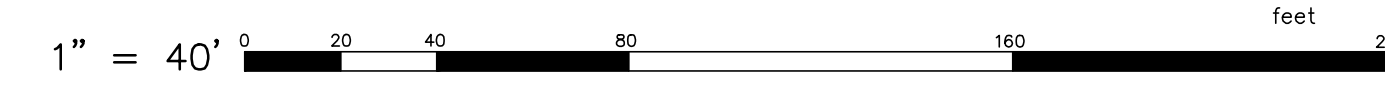
TABLE NOTES:

- EXISTING NON-CONFORMANCE.
- NON-CONFORMANCE, PER SECTION 504.4.K OF ZONING ORDINANCE.
- PARKING REQUIRED PER SECTION 711.D:
REQUIRED RATE: 1 SPACE PER EACH 3 BEDS
REQUIRED SPACES: 112 BEDS @ 3 SPACES PER BED
37 SPACES

LEGEND:

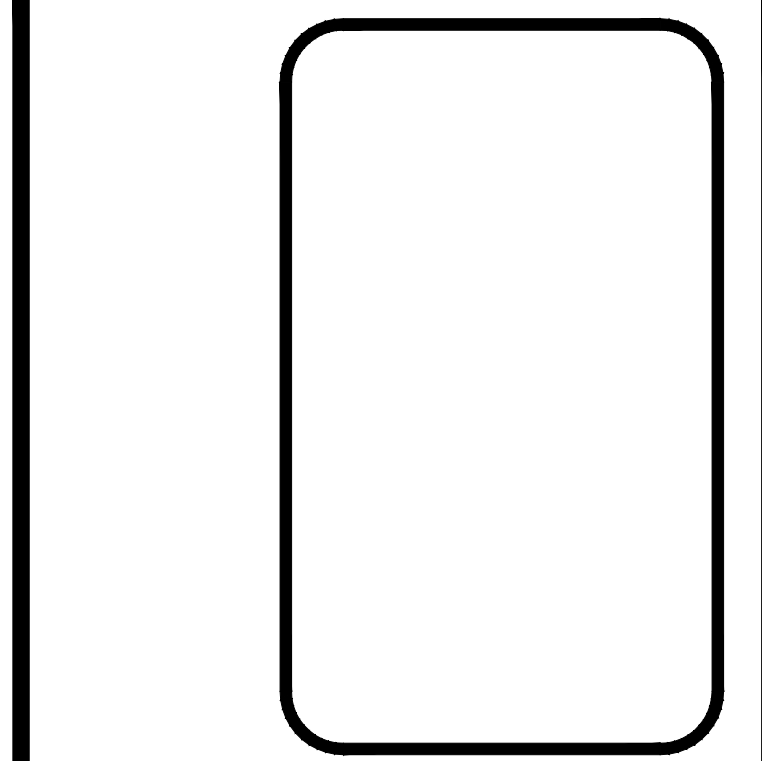


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SPECIAL PERMIT OVERALL
DEVELOPMENT PLAN
FOR
SOUTH KINGSTOWN NURSING
& REHABILITATION CENTER
(A.P. 9, LOTS 59 & 82)
SITUATED ON
2115 SOUTH COUNTY TRAIL
SOUTH KINGSTOWN, RI
PREPARED FOR
HEALTH CONCEPTS, LTD.

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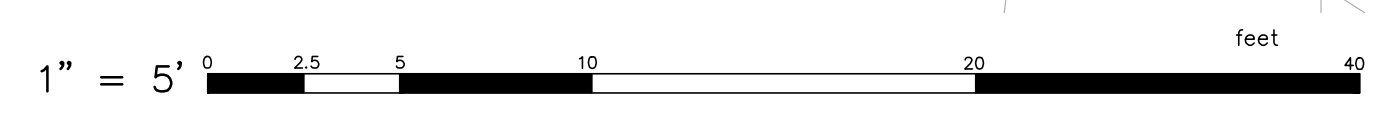
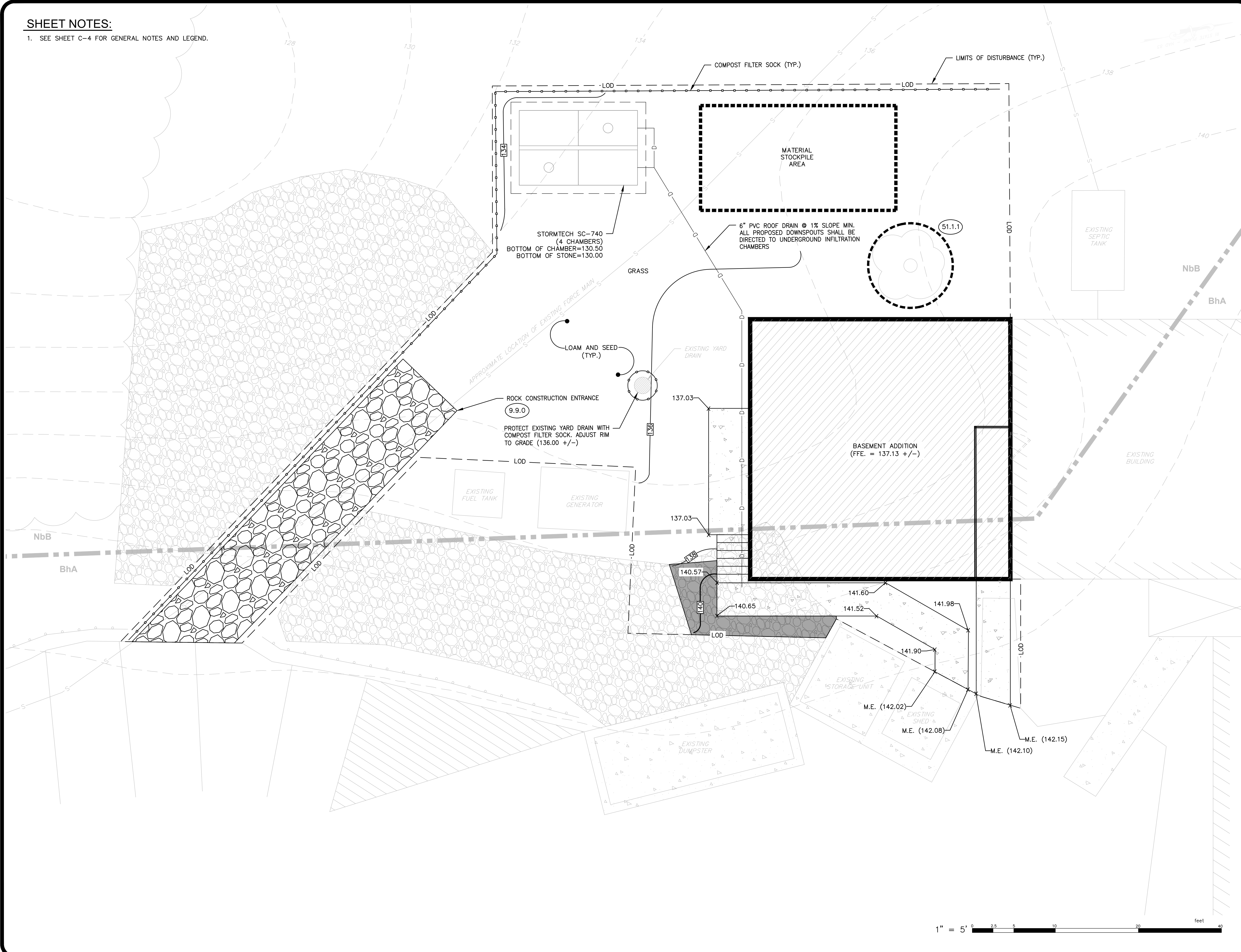
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	DATE: AUGUST, 2021

SHEET
SP-2
3 OF 7 SHEETS

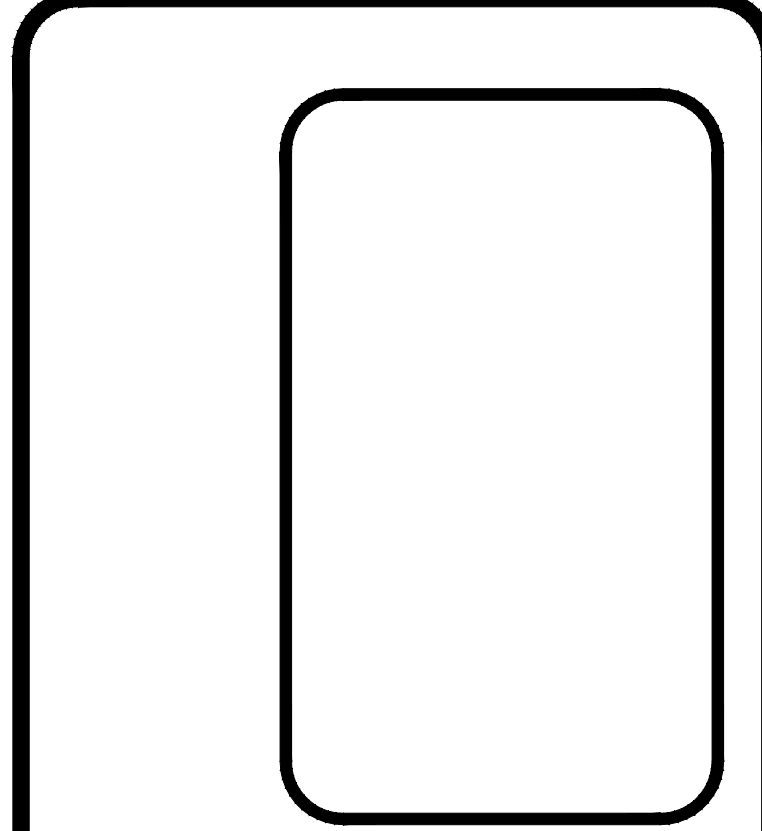
SHEET NOTES:

1. SEE SHEET C-4 FOR GENERAL NOTES AND LEGEND.



BASEMENT ADDITION
DRAINAGE & ESC PLAN
FOR
SOUTH KINGSTOWN NURSING
& REHABILITATION CENTER
(A.P. 9, LOTS 59 & 82)
SITUATED ON
2115 SOUTH COUNTY TRAIL
SOUTH KINGSTOWN, RI
PREPARED FOR
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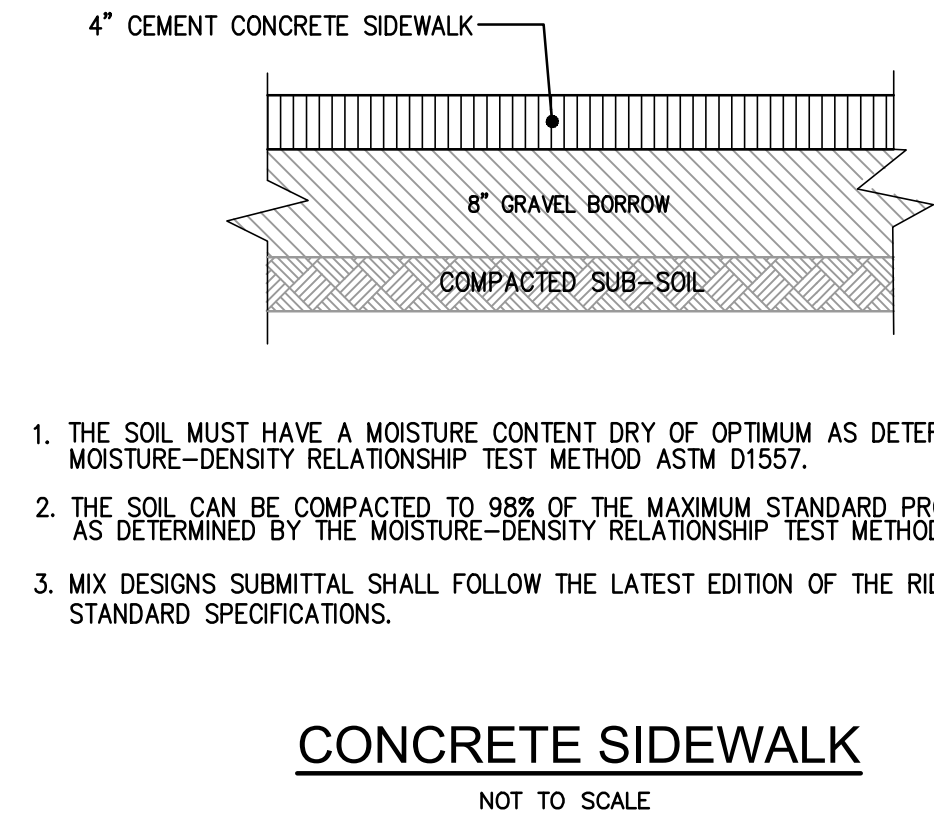
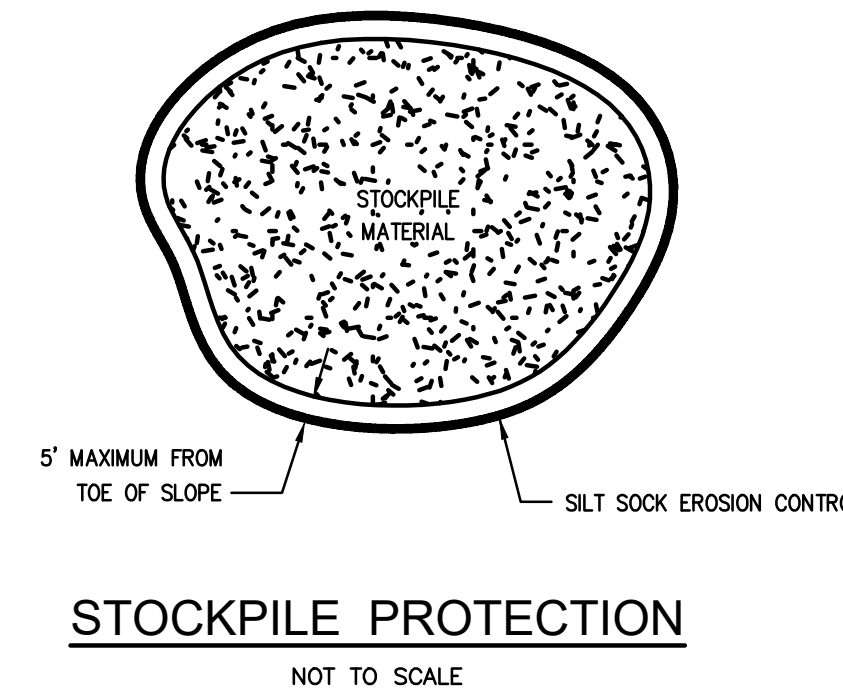
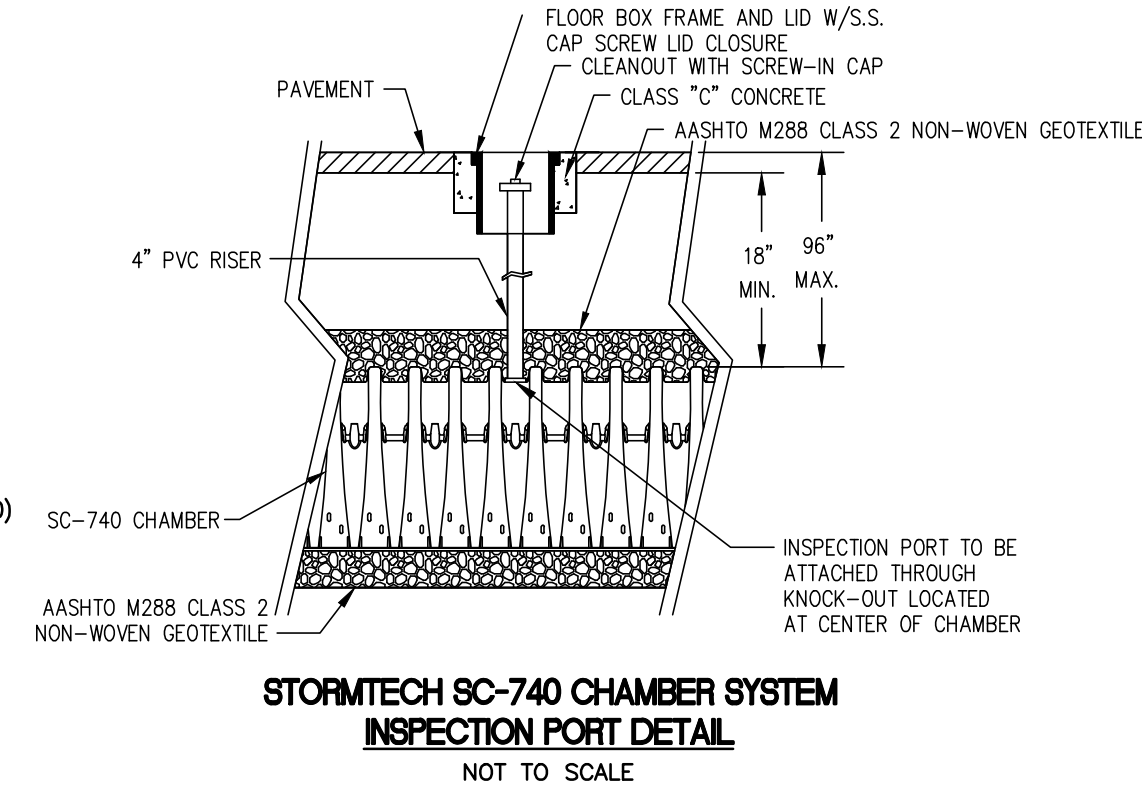
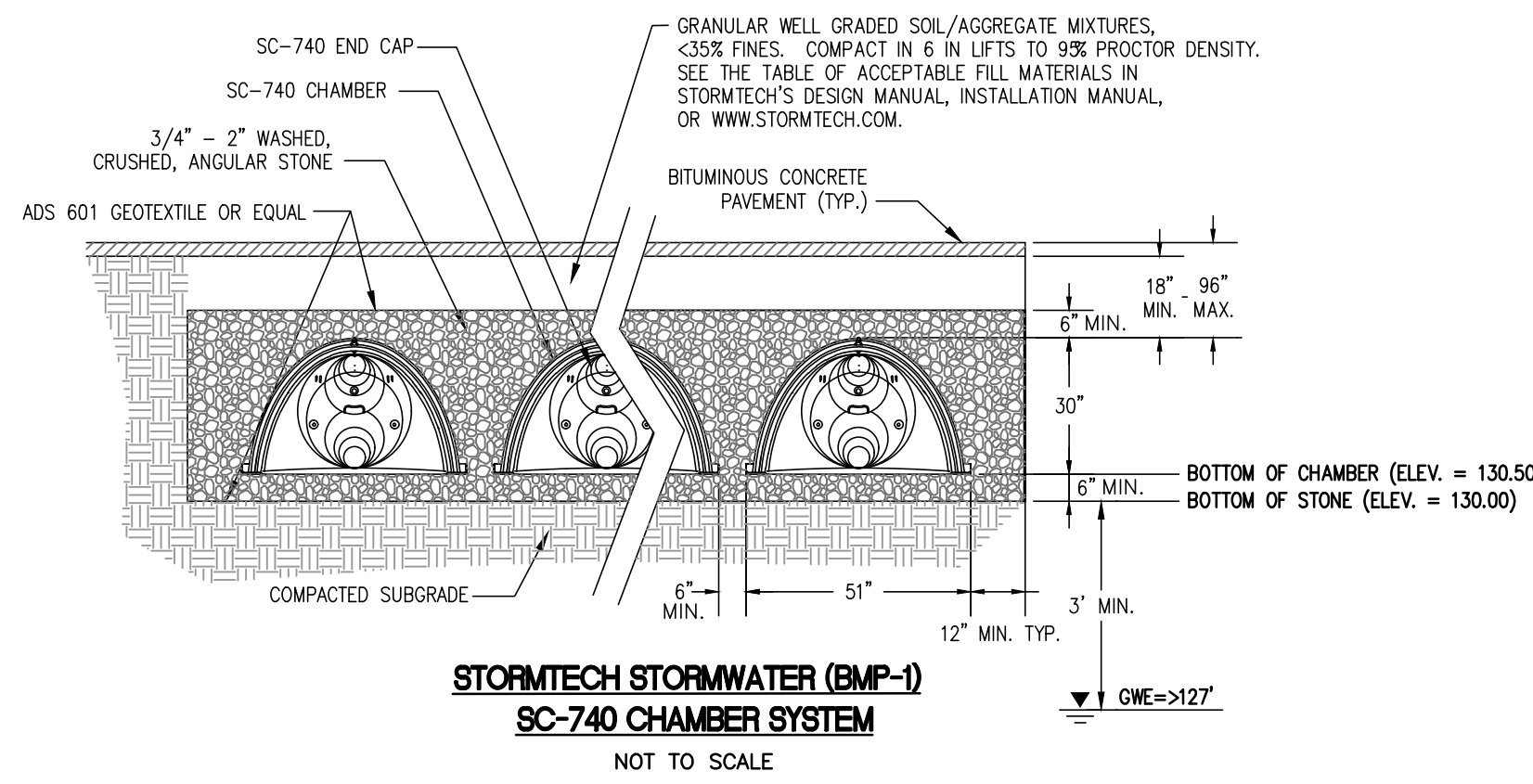
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SHEET
C-2
5 OF 7 SHEETS

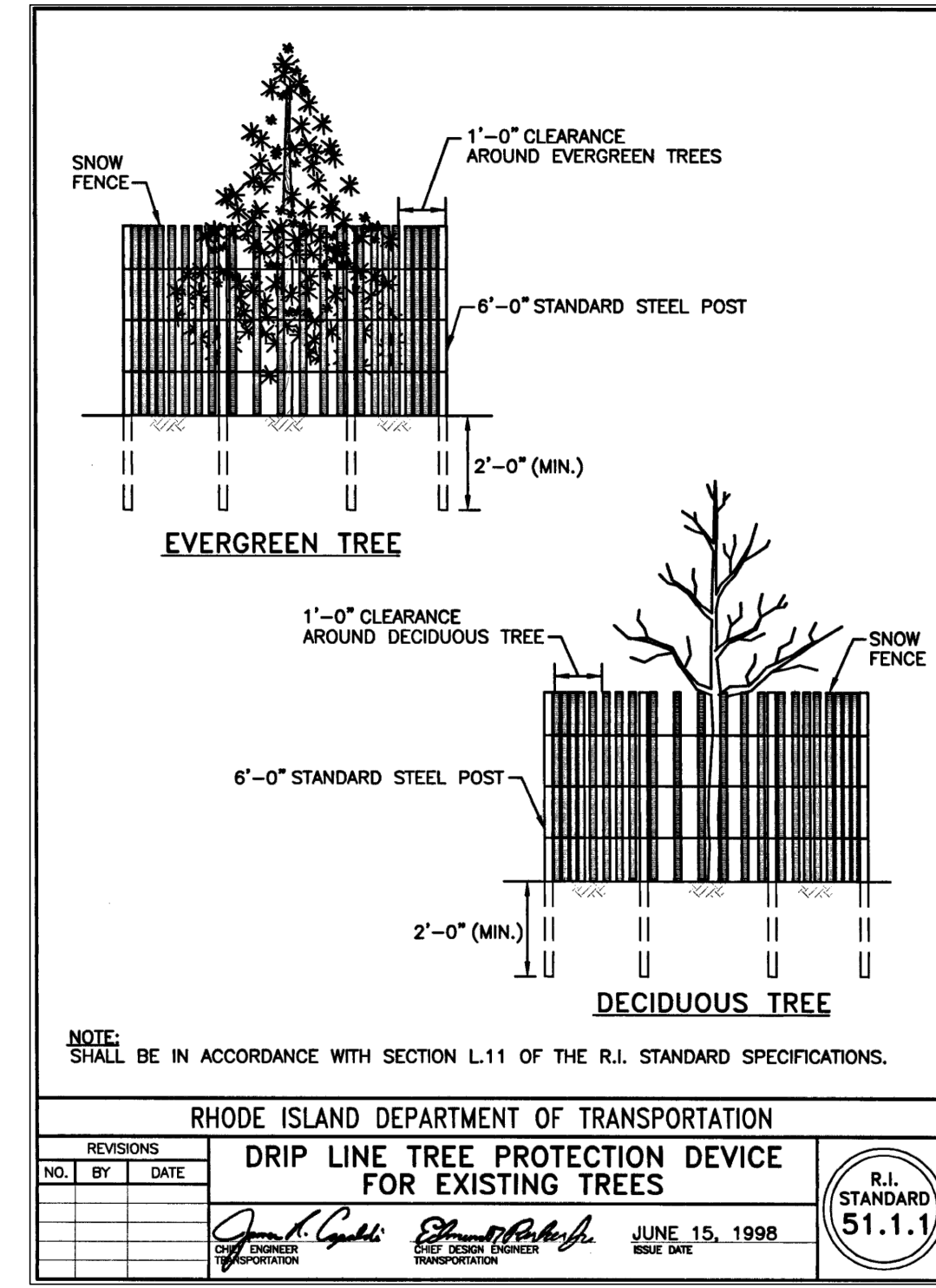
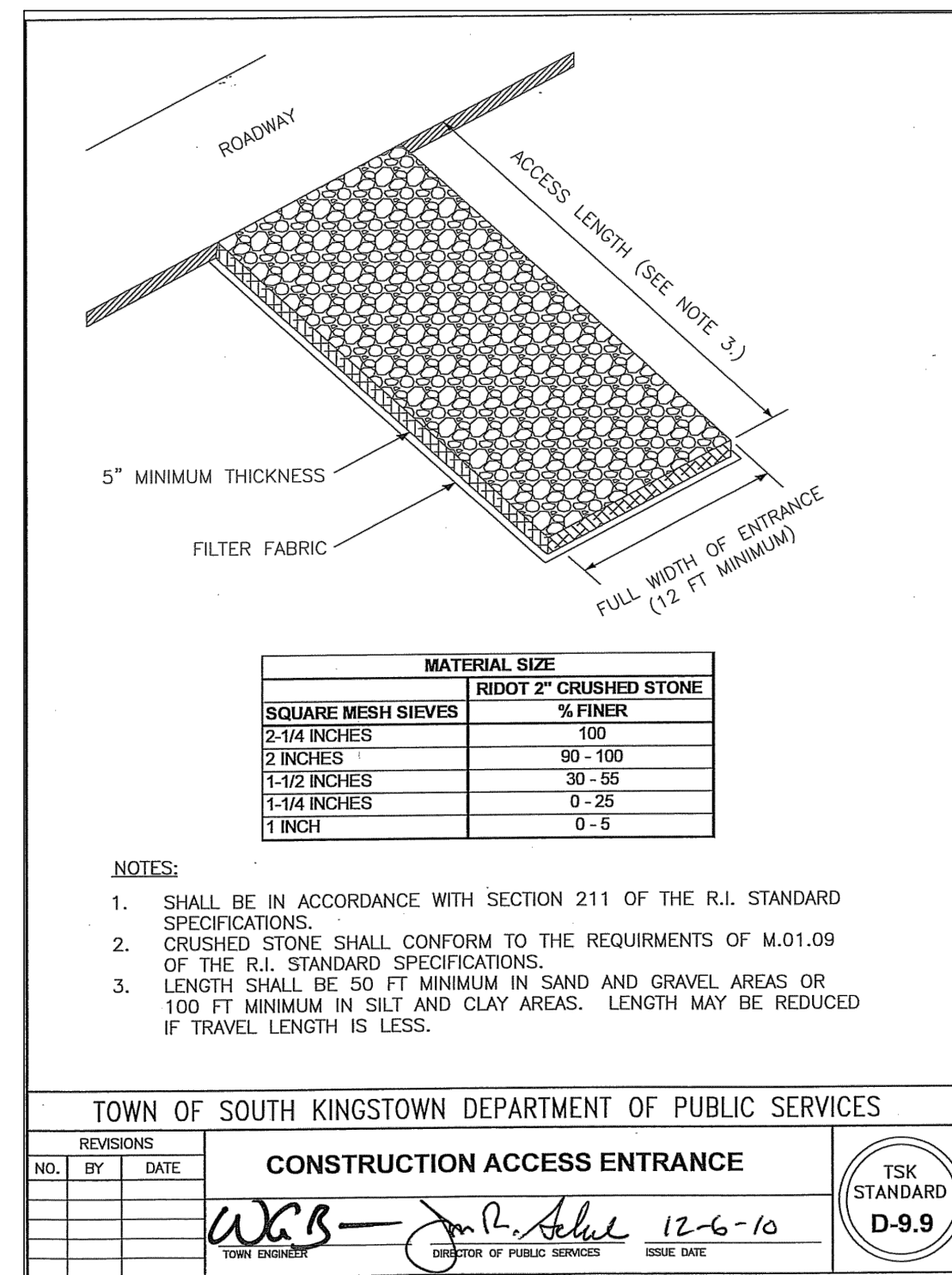
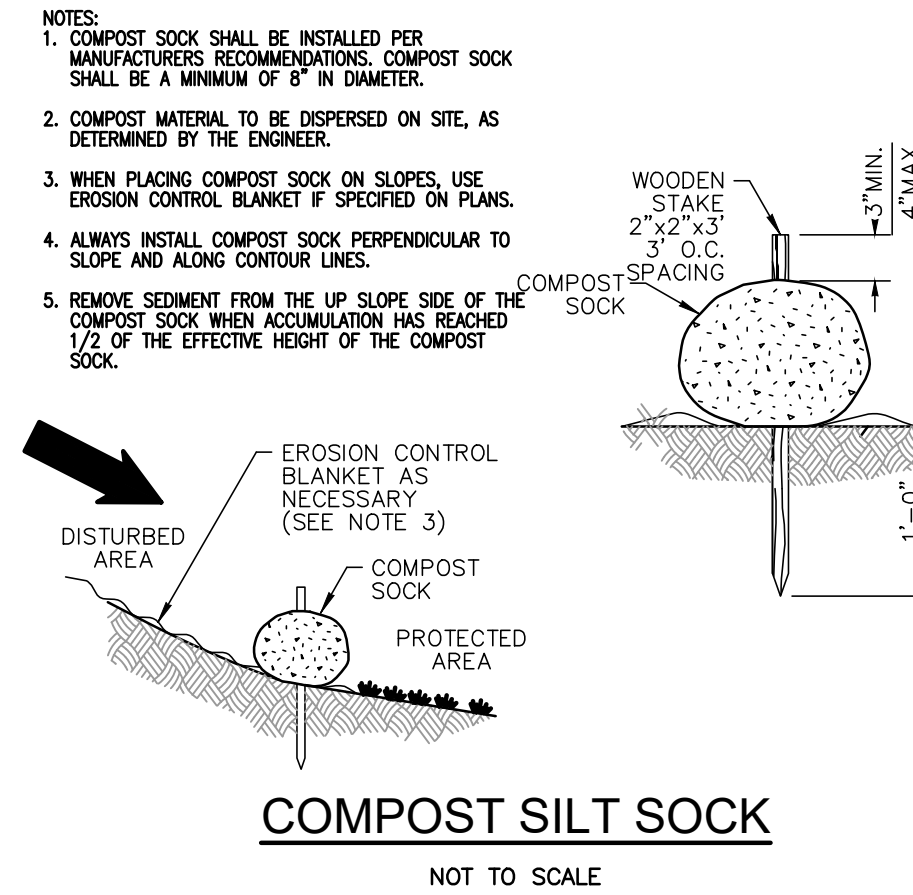
L:\7332-00 2115 South County Trail (RCB) - South Kingstown, RI\Views\01-Current\7332-00-Base.dwg 08/26/2021 jhenard 09:22



ACCEPTABLE FILL MATERIALS: SC-740 CHAMBER SYSTEMS

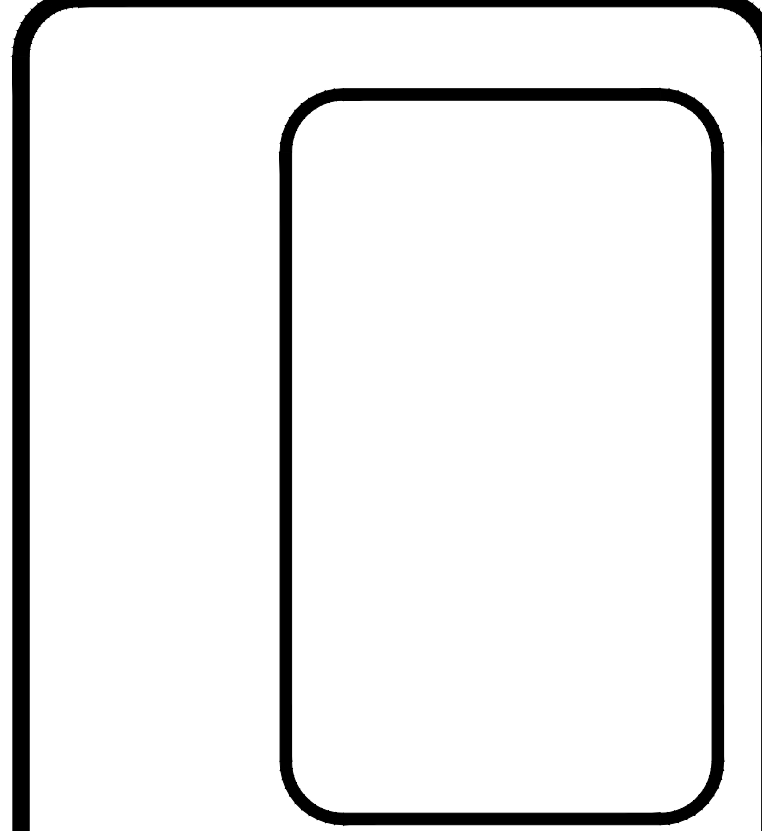
MATERIAL LOCATION	DESCRIPTION	AASHTO M43 DESIGNATION ¹	COMPACTION/DENSITY REQUIREMENT
① FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISH GRADE ABOVE. NOTE THAT PAVEMENT SUBGRADE MAY BE PART OF THIS LAYER.	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
② FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDDED STONE ('A' LAYER) TO 18" (167 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBGRADE MAY BE A PART OF THIS LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES. MOST PAVEMENT SUB-BASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTION AFTER 1" (25 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 6" (152 mm) LIFTS TO A MIN. 95% STANDARD PROCTOR DENSITY. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 lbs (53 kN). DYNAMIC FORCE NOT TO EXCEED 20,000 lbs (89 kN).
③ EMBEDMENT STONE SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE, NOMINAL SIZE DISTRIBUTION BETWEEN 3/4" - 2 INCH (19 - 51 mm)	3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
④ FOUNDATION STONE BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE, NOMINAL SIZE DISTRIBUTION BETWEEN 3/4" - 2 INCH (19 - 51 mm)	3, 35, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A 95% STANDARD PROCTOR DENSITY ¹ .

PLEASE NOTE:
1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
2. AS AN ALTERNATE TO PROCTOR TESTING AND FIELD DENSITY MEASUREMENTS ON OPEN GRADED STONE, STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (229 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH AN APPROPRIATE COMPACTOR.



BASEMENT ADDITION
CONSTRUCTION DETAILS
FOR
SOUTH KINGSTOWN NURSING
& REHABILITATION CENTER
(A.P. 9, LOTS 59 & 82)
SITUATED ON
2115 SOUTH COUNTY TRAIL
SOUTH KINGSTOWN, RI
PREPARED FOR
HEALTH CONCEPTS, LTD.

NO.	REVISION	BY	DATE



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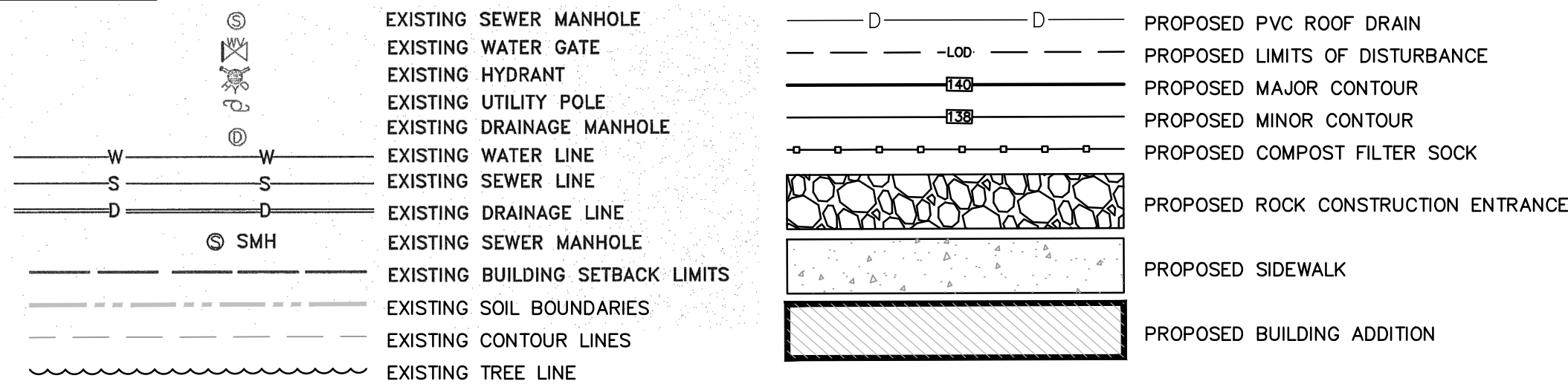
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DWG. NO. 7332-00-Base.dwg	CHECKED S.S.H.
SCALE: AS SHOWN	APPROVED S.S.H.
DATE: AUGUST, 2021	

SHEET
C-3
6 OF 7 SHEETS

GENERAL CONSTRUCTION NOTES:

1. AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE TRAILER AT ALL TIMES. DEVIATIONS OR CHANGES WILL NOT BE ALLOWED UNLESS BY WRITTEN APPROVAL FROM THE ENGINEER.
2. SITEWORK CONSTRUCTION SHALL NOT COMMENCE UNTIL ALL APPROVALS HAVE BEEN SECURED. REQUIRED PERMITS/APPROVALS FOR THE PROJECT INCLUDE BUT NOT LIMITED TO THE FOLLOWING: APPROVAL BY THE TOWN OF SOUTH KINGSTOWN ZONING BOARD.
3. ALL IMPROVEMENTS INDICATED HEREON MUST COMPLY WITH THE 'AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINE (ADAAG)'. NOTE THAT THE DETAIL CONTAINED WITHIN THIS PLAN MAY NOT SHOW THE DETAIL NECESSARY TO CONSTRUCT WALKWAYS, RAMPS AND SPACES TO COMPLY WITH THE ADAAG REQUIREMENTS BUT THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE LEVEL OF CARE NECESSARY TO BE CERTAIN THAT THE CONSTRUCTED PRODUCT MEETS THESE STANDARDS.
4. THE CONTRACTOR MUST RETAIN THE SERVICES OF A REGISTERED LAND SURVEYOR IN THE STATE OF RHODE ISLAND TO LAYOUT ON THE GROUND ALL NEW ELEMENTS OF WORK. IF ANY WORK IS INSTALLED PRIOR TO THE ABOVE REQUIREMENT AND IF ANY WORK IS NOT SATISFACTORY TO THE ENGINEER, THE CONTRACTOR MUST REPLACE THE WORK AT NO ADDITIONAL COST TO THE OWNER.
5. THE CONTRACTOR SHALL VERIFY THE PROPOSED LAYOUT WITH ITS RELATIONSHIP TO THE EXISTING SITE SURVEY. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, SITE CONDITIONS AND MATERIAL SPECIFICATIONS AND SHALL NOTIFY THE OWNER AND ENGINEER OF ANY ERRORS, OMISSIONS OR DISCREPANCIES BEFORE COMMENCING, INSTALLING OR PROCEEDING WITH WORK.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND TO TAKE WHATEVER NECESSARY MEASURES NEEDED TO PROVIDE FOR THEIR PROTECTION. THE ENGINEER HAS DILIGENTLY ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING UNDERGROUND UTILITIES AND FACILITIES ON THE DRAWINGS; HOWEVER, THE INFORMATION SHOWN IS FOR THE CONTRACTORS CONVENIENCE ONLY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS OF UTILITIES SHOWN OR NOT SHOWN. THE CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE ANY EXISTING UTILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION, VERIFY ALL DIMENSIONS, SITE CONDITIONS AND MATERIALS. THE CONTRACTOR MUST CONTACT THE LOCAL UTILITY COMPANIES FOR EXACT LOCATION OF UTILITIES PRIOR TO THE START OF ANY CONSTRUCTION AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE START OF ANY WORK. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE ANY AND ALL DAMAGE MADE TO UTILITIES BY THE CONTRACTOR.
6. THE CONTRACTOR MUST NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITIES IN THE AREA OF PROPOSED CONSTRUCTION, EXCAVATION OR BLASTING AT LEAST THREE WORKING DAYS, BUT NOT MORE THAN TEN WORKING DAYS PRIOR TO THE START OF ANY CONSTRUCTION, EXCAVATION OR BLASTING. ALL WATER, SEWER, GAS AND ALL OTHER UTILITIES MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
7. METHODS AND MATERIALS USED IN THE CONSTRUCTION OF IMPROVEMENTS MUST CONFORM TO THE TOWN OF SOUTH KINGSTOWN CURRENT CONSTRUCTION STANDARDS AND SPECIFICATIONS AND THE STATE OF RHODE ISLAND DEPARTMENT OF TRANSPORTATION.
8. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY PAVEMENT, DRIVEWAYS, SIDEWALKS, WALL, CURBS, ETC. DAMAGED DURING CONSTRUCTION WITH MATCHING MATERIALS.
9. THE CONTRACTOR AGREES THAT HE WILL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE PROJECT SITE CONDITIONS THROUGHOUT CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONJUNCTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
10. ALL MATERIALS USED FOR CONSTRUCTION MUST BE NEW AND FREE OF DEFECTS. USED OR SALVAGED MATERIAL WILL NOT BE ALLOWED UNLESS WRITTEN APPROVAL FROM THE OWNER IS OBTAINED BY THE CONTRACTOR.
11. NECESSARY BARRICADES, LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS AS MAYBE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC MUST BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION BY THE CONTRACTOR.
12. REFER TO ARCHITECTURAL, STRUCTURAL, AND MECHANICAL PLANS FOR ALL BUILDING INFORMATION.

LEGEND:



GENERAL UTILITY NOTES:

1. THE CONTRACTOR SHALL NOTIFY DIG-SAFE (1-888-344-7233) AND ALL LOCAL AUTHORITIES & UTILITY COMPANIES TO VERIFY LOCATIONS OF UTILITIES WITHIN THE AREA 72 HOURS PRIOR TO BEGINNING ANY EXCAVATION OR DEMOLITION FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES. LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY, LOCATE AND PROTECT EXISTING UTILITIES IN THE FIELD WHETHER OR NOT SHOWN ON THE DRAWINGS.
2. ALL WORK SHALL BE IN COMPLETE ACCORDANCE WITH ALL APPLICABLE STATE, FEDERAL AND LOCAL CODES, AND ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE UNLESS PREVIOUSLY OBTAINED BY THE OWNER/DEVELOPER.
3. THE CONTRACTOR SHALL COORDINATE LOCATION AND INSTALLATION OF ALL UNDERGROUND UTILITIES AND APPURTENANCES TO MINIMIZE DISTURBANCE OF CURBING, PAVING AND COMPACTED SUBGRADE. THE CONTRACTOR SHALL NOTIFY THE TOWN ENGINEER & ALL LOCAL UTILITY COMPANIES 48 HOURS BEFORE EACH PHASE OF CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER OF ANY DISCREPANCIES OR ERRORS DISCOVERED IN THE PLANS.
4. BEDDING REQUIREMENTS SPECIFIED HEREIN ARE TO BE CONSIDERED AS MINIMUMS FOR RELATIVELY DRY, STABLE EARTH CONDITIONS. ADDITIONAL BEDDING SHALL BE REQUIRED FOR ROCK TRENCHES AND WET AREA. CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO PROVIDE SUCH ADDITIONAL BEDDING AS MAY BE REQUIRED TO PROPERLY CONSTRUCT THE WORK.
5. THE CONTRACTOR SHALL REMOVE ANY ABANDONED FOUNDATIONS, UTILITY STRUCTURES, BURIED DEBRIS ETC. WHICH INTERFERE WITH THE INSTALLATION OF THE UTILITY WORK. ALL SUCH STRUCTURES SHALL BE COMPLETELY REMOVED AND THE EXCAVATED AREA SHALL BE BACKFILLED WITH COMPACTED GRAVEL IN 6" LIFTS TO 95% COMPACTION TO 6" BELOW THE BOTTOM OF THE UTILITY AND PIPE.
6. COMPACTION OF THE BACKFILL OF ALL TRENCHES SHALL BE COMPACTION TO THE DENSITY OF 95% OF THE THEORETICAL MAXIMUM DRY DENSITY (ASTM D698). BACKFILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS OR OTHER FOREIGN DEBRIS AND SHALL BE PLACED IN LIFTS NOT TO EXCEED ONE FOOT IN COMPACTED FILL THICKNESS. CORRECTION OF ANY TRENCH SETTLEMENT WITHIN A YEAR FROM THE DATE OF PROJECT APPROVAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. ALL PIPING LAYOUT INDICATED ON THESE PLANS IS DIAGRAMMATIC ONLY AND DOES NOT SHOW ALL THE REQUIRED FITTINGS FOR PROPER ALIGNMENT. THE CONTRACTOR SHALL PROVIDE ALL REQUIRED FITTINGS TO OBTAIN PROPER ALIGNMENT AND FOR EXISTING UTILITY CONNECTIONS BASED UPON FIELD CONDITIONS.
8. IF DURING EXCAVATION THE TRENCH WIDTH EXCEEDS THE SUM OF THE PIPE O.D. PLUS 2"-0", PLACE AND COMPACT THE FILL TO 12" ABOVE THE PIPE AND RE-EXCAVATE TO REQUIRED GRADE.
9. STORM DRAINS SHALL BE SDR 35 PVC. ALL STORM DRAINAGE PIPING SHALL BE LAID ON A SMOOTH CONTINUOUS GRADE WITH NO VISIBLE BENDS AT THE JOINTS.
10. ELECTRIC SERVICE FACILITIES SHALL BE DESIGNED BY OTHERS. ELECTRIC SERVICE SHALL CONFORM TO THE REQUIREMENTS OF THE ELECTRIC COMPANY. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ADEQUATE ELECTRIC SERVICE IS PROVIDED AND SHALL BE RESPONSIBLE FOR ALL INSTALLATION PROCEDURES (TRENCHING, LAYING PIPE, ETC.) AS ARE REQUIRED BY THE ELECTRIC COMPANY FOR COMPLETE AND IN PLACE CONSTRUCTION. REFER TO ELECTRICAL DRAWINGS FOR DETAILS ON ALL UNDERGROUND ELECTRIC.
11. WHENEVER UTILITIES ARE TO BE INSTALLED WITHIN THE CITY/STATE RIGHT OF WAY, THE TRENCH MUST BE BACKFILLED WITH FLOWABLE FILL. ALL AREAS OF ROADWAY PAVEMENT DISTURBED DURING CONSTRUCTION SHALL BE RE-PAVED PER THE TOWN OF SOUTH KINGSTOWN AND STATE STANDARDS AND SPECIFICATIONS.

GENERAL GRADING NOTES:

1. THE MAXIMUM RUNNING SLOPE ALONG ANY SIDEWALK SHALL BE 5% THE MAXIMUM CROSS SLOPE ACROSS ANY SIDEWALK SHALL BE 2%. A MINIMUM 5'x5' LANDING SHALL BE PROVIDED IN FRONT OF ALL BUILDING ENTRANCES.
2. ALL ADAAG PARKING SPACES AND LOADING SPACES SHALL BE 2% MAXIMUM SLOPE IN ANY DIRECTION.
3. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
4. ALL GRATES AND COVERS IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 3" ABOVE FINISH GRADE.
5. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
6. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 3H:1V OR STEEPER. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH THE TOWN OF SOUTH KINGSTOWN SPECIFICATIONS UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.

STORMWATER SYSTEM MAINTENANCE NOTES:

THE DRAINAGE SYSTEMS ARE TO BE MONITORED THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD BY THE CONTRACTOR. UPON COMPLETION OF THE PROJECT THE CONTRACTOR MUST DO A FINAL FULL MAINTENANCE & CLEAN UP OF THE STORMWATER MANAGEMENT SYSTEM AND THE SITE. UPON COMPLETION OF THE CONTRACTOR'S FINAL MAINTENANCE & CLEAN UP OF THE PROJECT, MONITORING OF THE STORMWATER MANAGEMENT SYSTEM SHALL BE THE RESPONSIBILITY OF THE OWNER.

CONSTRUCTION MONITORING/MAINTENANCE PROCEDURES SHALL BE AS FOLLOWS: (RESPONSIBILITY OF CONTRACTOR)

1. SILT BARRIER: MONITOR SILT BARRIER ON A WEEKLY BASIS AND AFTER EVERY RAIN STORM EVENT AND REPAIR OR REPLACE ANY DAMAGED AREAS IMMEDIATELY. IMMEDIATELY CLEAN THE SILT BARRIER IF SIX INCHES OR MORE OF SEDIMENT HAS ACCUMULATED ON THE HAYBALE & SILT BARRIER.
2. STORMWATER BMPS: NO CONSTRUCTION RUNOFF SHALL BE DIRECTED TO STORMWATER BMPS UNTIL UPGRADIENT AREAS ARE STABILIZED.

POST CONSTRUCTION MONITORING/MAINTENANCE PROCEDURES SHALL BE AS FOLLOWS: (RESPONSIBILITY OF OWNER)

1. STORMWATER MANAGEMENT FACILITIES
 - STORMTECH INFILTRATION SYSTEM MUST BE INSPECTED ANNUALLY AND AFTER EVERY RAIN EVENT GREATER THAN A 1-YEAR, 24-HOUR, TYPE III EVENT TO ENSURE THAT NO DAMAGE TO THE SYSTEM HAS OCCURRED.
 - THE SYSTEM MUST BE MONITORED FOR A 72-HOUR PERIOD AFTER EVERY RAIN STORM EVENT OF ONE INCH (1") OR MORE. IF ANY INFILTRATION SYSTEM FAILS TO DRAIN IN A 72-HOUR PERIOD THE OWNER SHALL RETAIN A QUALIFIED PROFESSIONAL ENGINEER TO ASSESS WHETHER THE INFILTRATION SYSTEM HAS FAILED AND RECOMMEND ANY CORRECTIVE ACTION THAT IS REQUIRED. THE CORRECTIVE ACTION DETERMINED SHALL BE IMMEDIATELY IMPLEMENTED TO RESTORE THE FUNCTION OF THE SYSTEMS TO ORIGINAL DESIGN CONDITIONS.
 - MAINTENANCE OF STORMTECH INFILTRATION SYSTEM SHALL OCCUR IF SEDIMENTS ARE NOTED IN EXCESS OF 1" ON THE SYSTEM BOTTOM. MAINTENANCE SHALL BE IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS (STORMTECH 1-888-892-2694). SEDIMENTS SHALL BE REMOVED WITH USE OF VACUUM TRUCK BY WAY OF INSPECTION PORTS. SEDIMENTS SHALL BE REMOVED AND DISPOSED OF OFF-SITE.
 - MAINTENANCE OF INFILTRATION SYSTEM IS RESPONSIBILITY OF OWNER.

SEQUENCE AND STAGING OF LAND DISTURBING ACTIVITIES:

1. SURVEY AND STAKE THE DRAINAGE STRUCTURES, LIMIT OF WORK AND SEDIMENTATION BARRIERS.
2. PLACE SEDIMENTATION BARRIERS (SILT SOCK) AS SHOWN ON THE PLANS AND STAKED OUT IN THE FIELD. IN NO CASE IS THE LIMIT OF WORK TO EXTEND BEYOND THE SEDIMENTATION BARRIERS.
3. BEGIN GRADING AND DRAINAGE WORK (CLEARING AND GRUBBING, EXCAVATING AND GRADING, ETC.). TOP SOIL TO BE STRIPPED AND STOCKPILED IN APPROVED AREAS. THE STOCKPILES ARE TO BE PROTECTED BY A ROW OF SEDIMENTATION BARRIER AND COVERED OR TEMPORARILY SEEDED.
4. COMPLETE SITE GRADING.
5. INSTALL BMPS IN ACCORDANCE WITH PLANS. SEDIMENT CONTROLS SHALL BE MAINTAINED AT THE BMP STRUCTURES UNTIL THE BINDER COURSE OF PAVEMENT IS INSTALLED AND DISTURBED AREAS ARE STABILIZED WITH VEGETATION.
6. COMPLETE LANDSCAPING AND PERMANENT STABILIZATION.
7. REMOVE ALL TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES FOLLOWING VEGETATIVE ESTABLISHMENT OF ALL DISTURBED AREAS.

EROSION CONTROL & SOIL STABILIZATION PROGRAM:

1. DENUDED SLOPES SHALL NOT BE LEFT EXPOSED FOR EXCESSIVE PERIODS OF TIME.
2. ALL DISTURBED SLOPES EITHER NEWLY CREATED OR EXPOSED PRIOR TO OCTOBER 15, SHALL BE SEEDED OR PROTECTED BY THAT DATE FOR ANY WORK COMPLETED DURING EACH CONSTRUCTION YEAR.
3. TEMPORARY TREATMENTS SHALL CONSIST OF A HAY, STRAW, OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS A MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING, EXCELSIOR BLANKETS). THEY SHALL BE INCORPORATED INTO THE WORK AS WARRANTED OR AS ORDERED BY THE ENGINEER.
4. HAY OR STRAW APPLICATIONS SHOULD BE IN THE AMOUNT OF 2000 LBS/ACRE.
5. ALL HAYBALES OR TEMPORARY PROTECTION SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
6. THE TOPSOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH OR CONSTRUCTION DEBRIS.
7. THE SEED MIX SHALL BE INOCULATED WITHIN TWENTY FOUR (24) HOURS, BEFORE MIXING AND PLANTING, WITH APPROPRIATE INOCULUM FOR EACH VARIETY.
8. THE DESIGN MIX FOR TEMPORARY EROSION CONTROL AND SOIL STABILIZATION SHALL BE COMPRISED OF THE FOLLOWING:

TYPE	% BY WEIGHT
CREeping RED FESCUE	70
ASTORIA BENTGRASS	5
BIRDSFOOT TREEFOIL	15
PERENNIAL RYEGRASS	10

APPLICATION RATE 100 LBS/ACRE

- LIMING AND FERTILIZING AS REQUIRED TO COMPLIMENT OR UPGRADE EXISTING CONDITIONS.
9. THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE (1) YEAR, AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE.
 10. THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE APRIL 1ST THROUGH OCTOBER 15TH.
 11. STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL BE ACHIEVED WITHIN FIFTEEN (15) DAYS OF FINAL GRADING.
 12. STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS OR FLOOD PLAINS. THEY SHALL HAVE SIDE SLOPES NO GREATER THAN THIRTY PERCENT (30%) AND STOCKPILES SHALL ALSO BE SEEDED AND/OR STABILIZED AND COMPLETELY ENCIRCLED WITH A CONTINUOUS LINE OF STAKED HAYBALES AND/OR SILTFENCE. (SEE DETAIL)
 13. ON BOTH STEEP AND LONG SLOPES, CONSIDERATION SHOULD BE GIVEN TO "CRIMPING" OR "TRACKING" TO TACK DOWN MULCH APPLICATIONS.

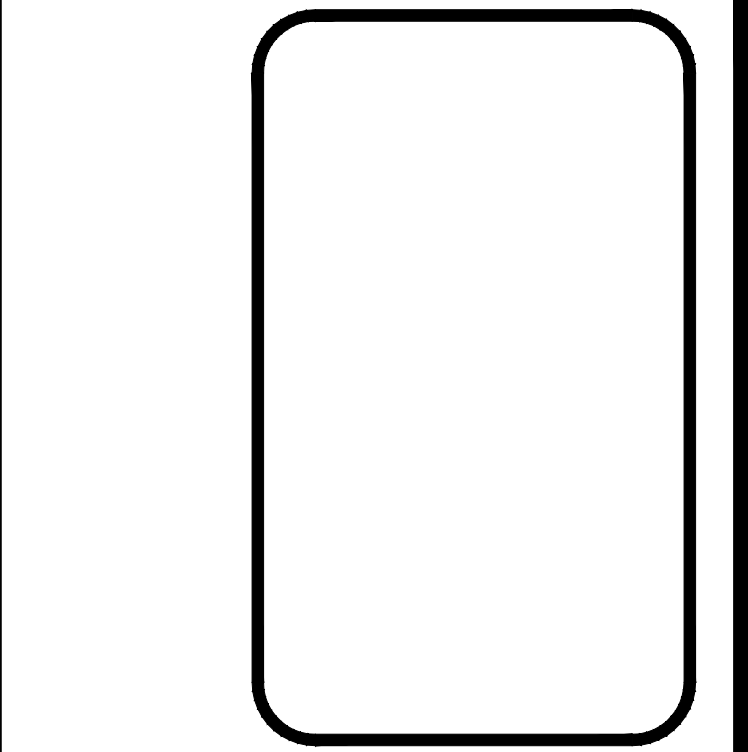
SEDIMENTATION CONTROL PROGRAM:

1. EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY SEDIMENTS FROM ENTERING THE STATE HIGHWAY OR ADJOINING PROPERTIES.
2. BANKS OR SLOPES OVER 5% SHALL BE SEEDED AS SOON AS POSSIBLE AND SHALL BE PROTECTED WITH A HAY, STRAW OR FIBER MULCH.
3. DURING CONSTRUCTION, THE CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR MAINTAINING DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL.
4. SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED CLOSELY AND MAINTAINED PROMPTLY AFTER EACH RAINFALL.
5. CARE SHALL BE TAKEN SO AS NOT TO PLACE "REMOVED SEDIMENTS" WITHIN THE PATH OF EXISTING, NEWLY CREATED (BOTH TEMPORARY AND PERMANENT) OR PROPOSED WATERCOURSES OR THOSE AREAS SUBJECT TO STORM WATER FLOW.
6. ADDITIONAL SILT SOCKS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER.

BASEMENT ADDITION
GENERAL NOTES & LEGEND
FOR

SOUTH KINGSTOWN NURSING
& REHABILITATION CENTER
(A.P. 9, LOTS 59 & 82)
SITUATED ON
2115 SOUTH COUNTY TRAIL
SOUTH KINGSTOWN, RI
PREPARED FOR
HEALTH CONCEPTS, LTD.

NO.	REVISION	BY	DATE



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CIVIL & STRUCTURAL ENGINEERS/SURVEYORS
LAND PLANNERS/ENVIRONMENTAL SCIENTISTS

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SCALE: AS SHOWN	APPROVED S.S.H.
	DATE: AUGUST, 2021

SHEET

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7 OF 7 SHEETS