

LOCATION MAP 1"=1,000'±

- NOTES:**
- REFERENCE IS MADE TO THE FOLLOWING PLAN: PROPERTY SURVEY OF LOT 55, ASSESSOR PLAT 14 LOCATED ON COONEYMUS ROAD IN NEW SHOREHAM, R.I. OWNED BY BLOCK ISLAND HOUSING BOARD PREPARED BY HILBERN LAND SURVEYING DATED: 11/5/14, LAST REVISED: 1/26/15
 - WETLANDS DEPICTED ON PLAN ARE FROM THE FOLLOWING PLAN: PROPERTY SURVEY OF LOT 55, ASSESSOR PLAT 14 LOCATED ON COONEYMUS ROAD IN NEW SHOREHAM, R.I. OWNED BY BLOCK ISLAND HOUSING BOARD PREPARED BY HILBERN LAND SURVEYING DATED: 11/5/14, LAST REVISED: 1/26/15
 - THE BEARINGS AND NORTH ARROW ORIENTATION DEPICTED HEREON ARE BASED UPON A GPS OBSERVATION TAKEN NOVEMBER 2015.
 - OPEN SPACE LOTS SHALL BE OWNED AND MAINTAINED BY THE HOME OWNERS ASSOCIATION.
 - MAINTENANCE OF THE OWTS AND THE WELLS WILL BE THE RESPONSIBILITY OF THE HOME OWNERS ASSOCIATION.
 - THE SUBJECT PARCEL IS IN AN "RA" (RESIDENTIAL A) ZONING DISTRICT.
 - THE SUBJECT PARCEL IS LOCATED WITHIN AN "X" FLOOD HAZARD ZONE AS SHOWN ON THE FLOOD INSURANCE RATE MAP FOR WASHINGTON COUNTY, RHODE ISLAND (ALL JURISDICTIONS), PANEL 361 OF 366, MAP NUMBER 440090361J, REVISED: OCTOBER 16, 2013.
 - R.O.W. "A"
 A) ACCESS EASEMENT FOR LOTS 1-5 AND WESTERLY ADJUTING PROPERTIES.
 B) UTILITY EASEMENT FOR LOTS 1-5.
 C) ACCESS AND UTILITY EASEMENT FOR LOTS 1-5.

OWNER/APPLICANT:
 BLOCK ISLAND HOUSING BOARD
 C/O CHINDY PAPAS
 P.O. BOX 220
 BLOCK ISLAND, RI 02807

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED JAN 19 2018 FILE # 1710238
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

MANU K. FREEMAN

PLAN REVISIONS

| REV. NO. | DATE | DESCRIPTION | DWN BY | CHK BY |
|----------|----------|--------------------------|--------|--------|
| 1 | 12/28/17 | EDITS PER RIDEM COMMENTS | TMT | SFC |

SCALE: 1"=30'
 CA JOB # 215097
 SEPTEMBER 22, 2017

DRAWN BY: GAB/TMT
 CHECK BY: SFC

ISSUED FOR PERMITTING

SITE PLAN

CHERRY HILL LANE AFFORDABLE HOUSING SUBDIVISION
 COONEYMUS ROAD
 PLAT 14, LOT 55
 NEW SHOREHAM, RHODE ISLAND

PREPARED FOR
BLOCK ISLAND HOUSING BOARD

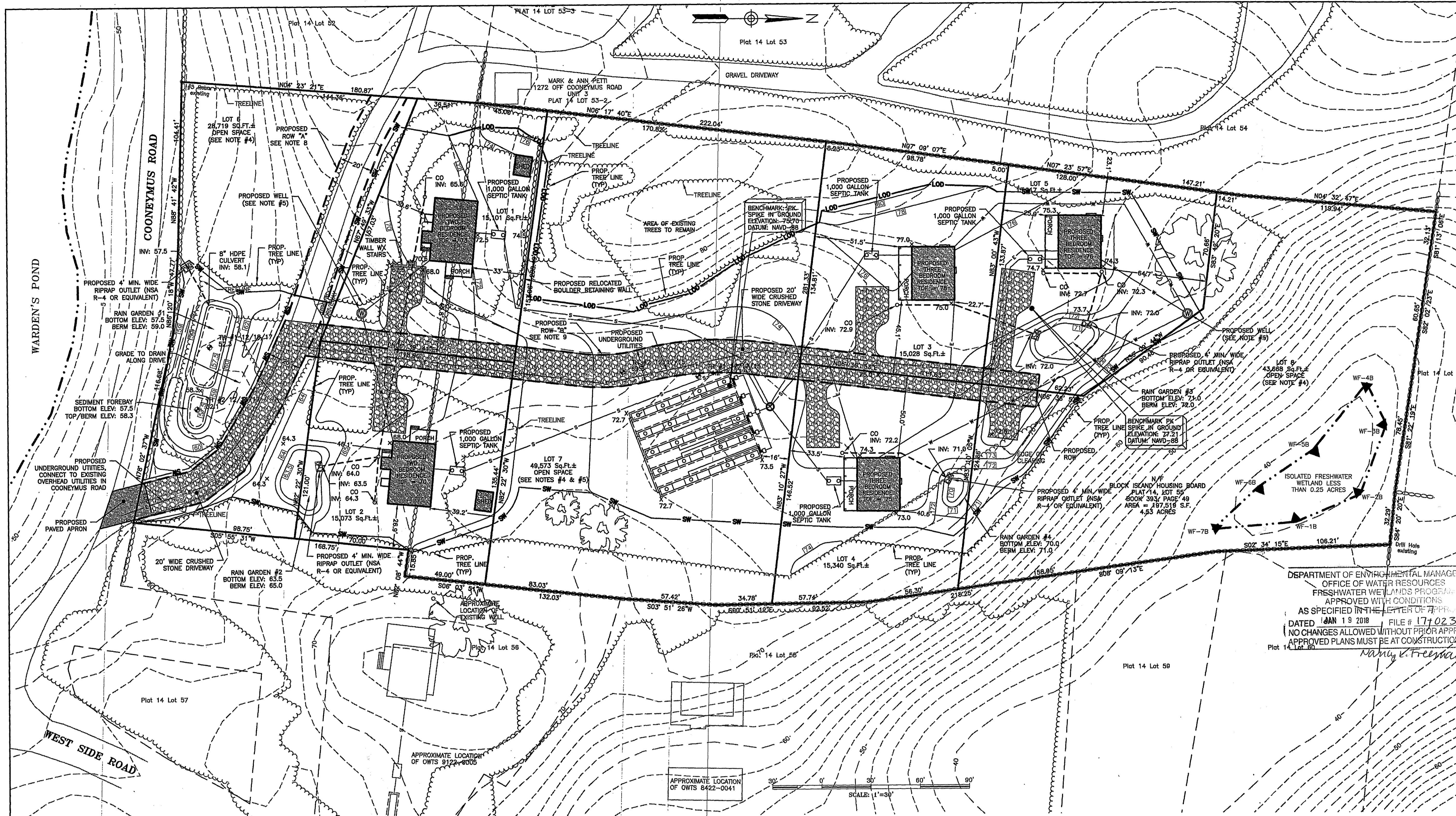
By: *Mark A. Castellanos* 12/29/17
 PLS Signature
 Mark A. Castellanos PLS #2511
 Printed PLS Name & License No.
 L.S.000A133-COA
 COA No.

MARK A. CASTELLANOS
 No. 133
 12/29/17
 PROFESSIONAL LAND SURVEYOR

SERGIO E. CHERENZIA
 No. 9258
 12/29/17
 REGISTERED PROFESSIONAL ENGINEER (CIVIL)

C-1

SHEET 1 OF 3
CHERENZIA & ASSOCIATES, LTD.



DEVELOPABLE LAND CALCULATIONS
 TOTAL LOT AREA 197,519 S.F.
 WETLAND AREA -3,451 S.F.
 UTILITY EASEMENTS -2,330 S.F.
 WELL & OWTS EASEMENTS -3,385 S.F.
 TOTAL DEVELOPABLE LAND 188,353 S.F.

- 70,000 S.F. OF DEVELOPABLE LAND REQUIRED IN A RESIDENTIAL "A" ZONE.
- 100% INCREASE IN DEVELOPABLE LAND ALLOWED FOR AFFORDABLE HOUSING.
- 35,000 S.F. OF DEVELOPABLE LAND ALLOWED PER LOT.
- 188,353 S.F./35,000 S.F. = 5.38 LOTS PERMITTED.
- HOWEVER, THERE IS NO SUCH 100% LIMIT WHERE, AS HERE, THE APPLICANT IS THE BLOCK ISLAND HOUSING BOARD.

BUILDABLE LAND CALCULATIONS AND TOTAL

| LOT # | SQUARE FEET | ACRES |
|----------------|----------------|-------------|
| 1 | 15,101 | 0.35 |
| 2 | 15,073 | 0.35 |
| 3 | 15,028 | 0.34 |
| 4 | 15,340 | 0.35 |
| 5 | 15,017 | 0.34 |
| 6 (OPEN SPACE) | 28,719 | 0.66 |
| 7 (OPEN SPACE) | 49,573 | 1.14 |
| 8 (OPEN SPACE) | 43,668 | 1.00 |
| TOTAL | 197,519 | 4.53 |

BUILDABLE AREA: 197,519 S.F. - 3,500 S.F. = 194,019 S.F.
 WETLAND APPROXIMATELY 3,500 S.F. IN SIZE

MINIMUM DIMENSIONAL REGULATIONS

| ZONING DISTRICT: RA (RESIDENTIAL) | PROVIDED | LOT 1 | LOT 2 | LOT 3 | LOT 4 | LOT 5 | LOTS 6, 7, 8 OPEN SPACE |
|-----------------------------------|----------|--------------|-------------|-------------|-------------|-------------|-------------------------|
| USE: SINGLE-FAMILY DWELLING | Required | 120,000 S.F. | 15,101 S.F. | 15,073 S.F. | 15,028 S.F. | 15,340 S.F. | 15,017 S.F. |
| MIN. LOT AREA | | 120,000 S.F. | 15,101 S.F. | 15,073 S.F. | 15,028 S.F. | 15,340 S.F. | 15,017 S.F. |
| MIN. LOT FRONTAGE | 200 FT. | 157.03 FT. | 121.00 FT. | 134.81 FT. | 146.52 FT. | 133.87 FT. | |
| MIN. FRONT YARD | 50 FT. | 30.6 FT. | 46.1 FT. | 51.5 FT. | 33.5 FT. | 25.9 FT. | |
| MIN. SIDE YARD | 50 FT. | 45.8 FT. | 26.9 FT. | 45.1 FT. | 50.0 FT. | 23.1 FT. | |
| MIN. REAR YARD | 50 FT. | 33.0 FT. | 39.2 FT. | 22.7 FT. | 40.6 FT. | 64.7 FT. | |
| MAX. LOT BLDG COVERAGE* | 5% | 6.9% | 6.9% | 5.5% | 5.4% | 5.5% | |
| MAX. LOT COVERAGE | 10% | 7.2% | 7.2% | 7.2% | 7.1% | 7.2% | |
| MAX. HEIGHT MAIN STRUCTURE | 32 FT.** | <32 FT. | <32 FT. | <32 FT. | <32 FT. | <32 FT. | |

*LOT BUILDING COVERAGE SHALL BE MEASURED AS A PERCENTAGE OF TOTAL LOT AREA.
 **NO PORTION OR ANY SIDE OF A BUILDING SHALL EXCEED 37 FEET IN HEIGHT, AS MEASURED FROM FINISHED GRADE.

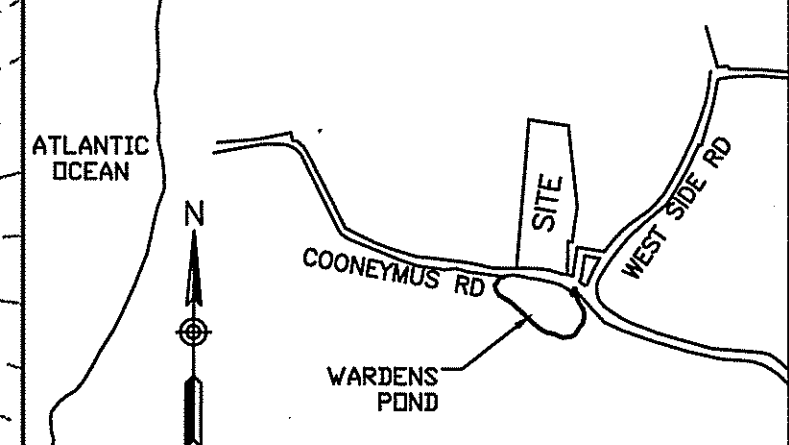
LEGEND

| DESCRIPTION | EXISTING | PROPOSED |
|--------------------------------------|----------|----------|
| OVERHEAD/UNDERGROUND UTILITY SERVICE | o/e | -E- |
| COASTAL FEATURE FLAG | WF-3B | ▲ |
| NOW OR FORMERLY | N/F | |
| WOOD FENCE | -□- | |
| CONTOURS | -+49- | 1234 |
| SPOT GRADE | + 200.0 | X 200.1 |
| SNOW FENCE | -x-x- | |
| WATERLINE | -w- | -W- |
| PRECAST CONCRETE CURB BUILDING | PCC | ▭ |
| WATER MAIN/SERVICE | -w- | -W- |
| WATER WELL | ○ | ⊙ |
| EDGE OF VEGETATION | -○- | |
| CRUSHED STONE DRIVEWAY | -○- | ▨ |

STREET INDEX
 COONEYMUS ROAD

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS, EFFECTIVE NOVEMBER 11, 2015, AS FOLLOWS:
 TYPE OF SURVEY: COMPILED BOUNDARY SURVEY
 MEASUREMENT SPECIFICATION: CLASS IV TOPOGRAPHIC-RIGID LIDAR FOR CONTOURS
 T-5 GPS GROUND CONTROL

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS: TOWN SUBMITTAL FOR AN AFFORDABLE HOUSING SUBDIVISION.
 THIS COMPILATION BOUNDARY PLAN HAS BEEN PREPARED FROM SOURCES OF INFORMATION AND DATA WHOSE POSITIONAL ACCURACY AND RELIABILITY HAS NOT BEEN VERIFIED. SEE REFERENCE NOTE #1 ABOVE. THE PROPERTY LINES DEPICTED HEREON DO NOT REPRESENT A BOUNDARY OPINION, AND OTHER INFORMATION DEPICTED IS SUBJECT TO SUCH CHANGES AS AN AUTHORITY FIELD SURVEY MAY DISCLOSE.



LOCATION MAP 1"=1,000'±

- LEGEND**
- ← FLOW DIRECTION
 - ▨ ALLOWABLE STAGING/STOCKPILING AREA
 - LOD
 - SW — STRAW WATTLE / LOD

STREET INDEX

COONEYMUS ROAD

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ISSUED FOR PERMITTING

SOIL EROSION SEDIMENT CONTROL PLAN

CHERRY HILL LANE AFFORDABLE HOUSING SUBDIVISION
 COONEYMUS ROAD
 PLAT 14, LOT 55
 NEW SHOREHAM, RHODE ISLAND

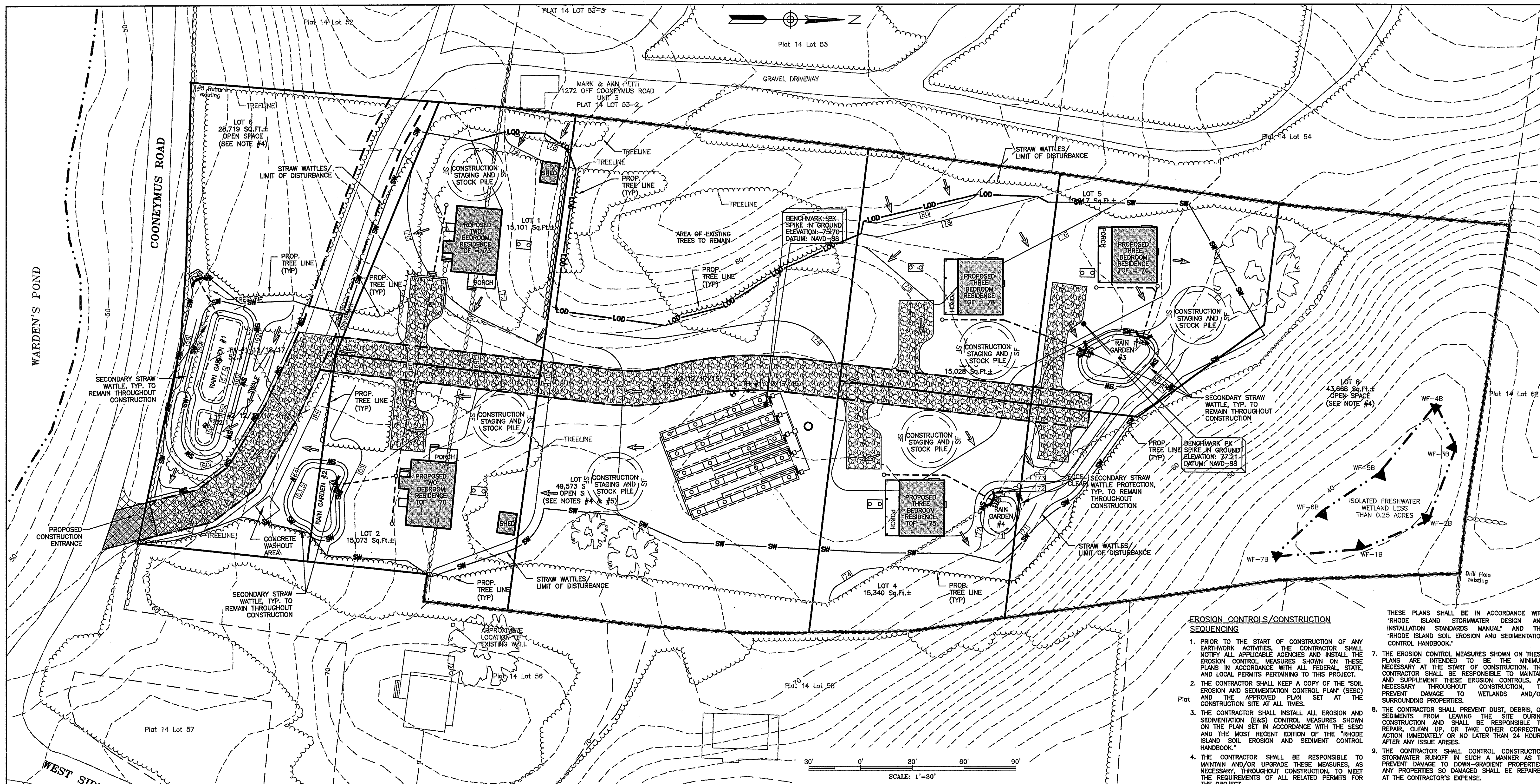
PREPARED FOR BLOCK ISLAND HOUSING BOARD



C-2

SHEET 2 OF 3

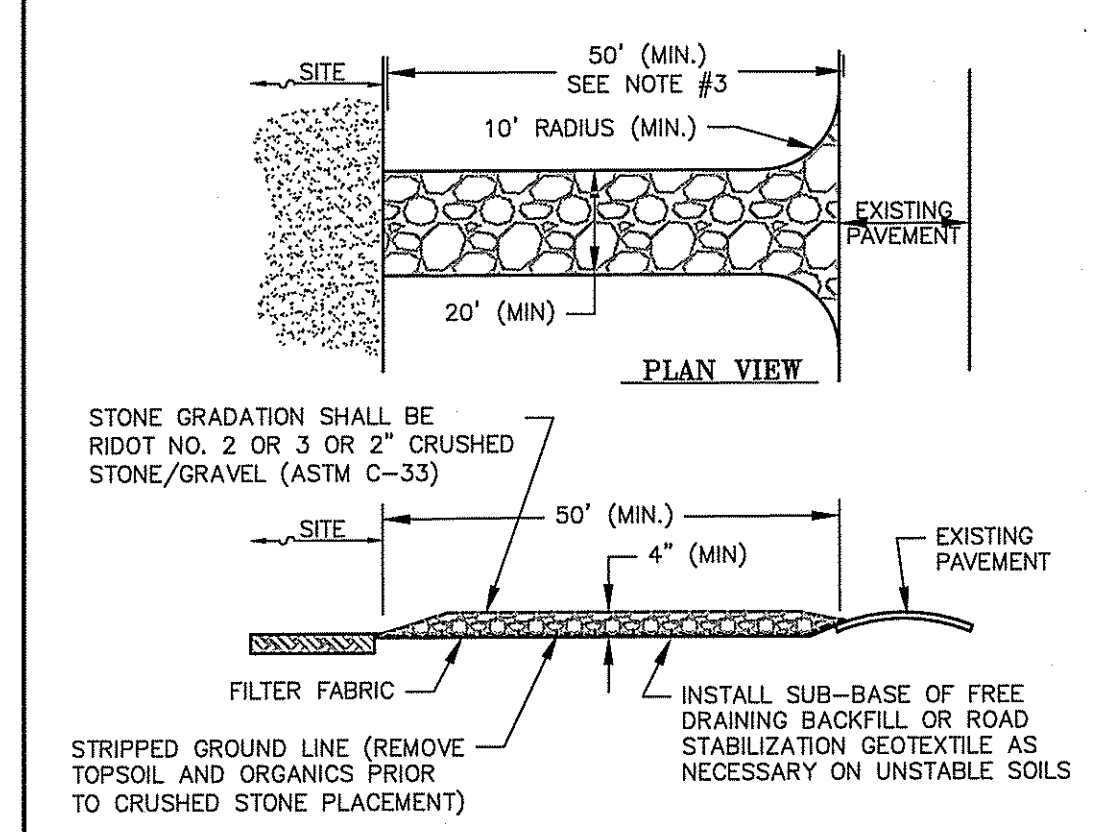
CHERENZIA & ASSOCIATES, LTD.



EROSION CONTROLS/CONSTRUCTION SEQUENCING

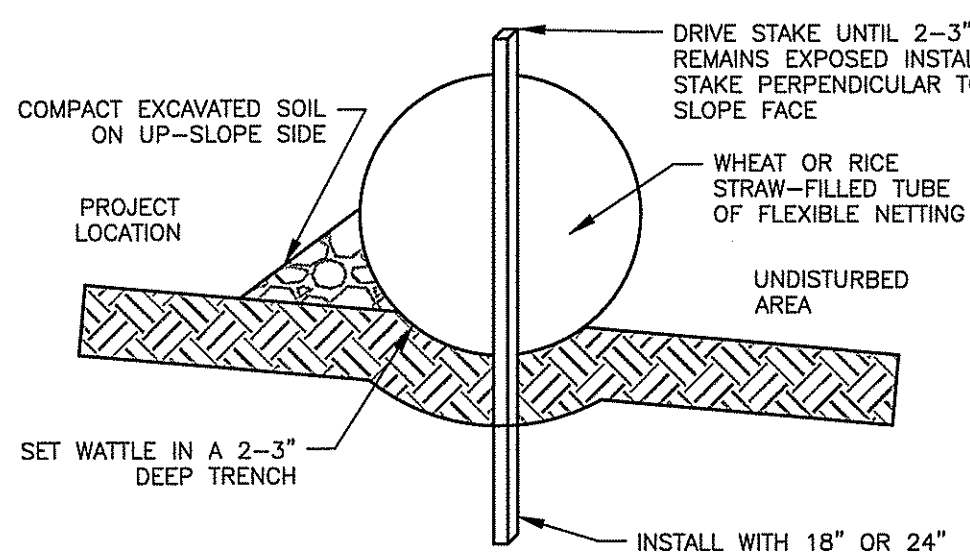
- PRIOR TO THE START OF CONSTRUCTION OF ANY EARTHWORK ACTIVITIES, THE CONTRACTOR SHALL NOTIFY ALL APPLICABLE AGENCIES AND INSTALL THE EROSION CONTROL MEASURES SHOWN ON THESE PLANS IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL PERMITS PERTAINING TO THIS PROJECT.
- THE CONTRACTOR SHALL KEEP A COPY OF 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 IN 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 LOG OF THE SESC PLAN SHOWING INTENDED AREAS FOR STAGING, STOCKPILING, WASHOUT, SOLID WASTE CONTAINMENT, AND TEMPORARY SEDIMENTATION CONTROL AREAS. 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 FOR ACCESS TO THE PROJECT 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 BASINS 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 PLACED TO PREVENT EROSION.
 - SILT SACKS SHALL BE INSTALLED AT ALL DOWN-GRADE CATCH BASINS WITHIN THE LIMIT OF WORK TO CONTROL EROSION AND SEDIMENTATION AND TO PROTECT OFF-SITE AREAS. THESE DEVICES SHALL BE INSTALLED AS SHOWN ON THE E&S CONTROL PLAN PRIOR TO INSTAURATION OF MAJOR SITE WORK ACTIVITIES AND SHALL BE MAINTAINED/REPAIRED UNTIL FINAL STABILIZATION OF ALL DISTURBED AREAS.
 - SILT FENCE SHALL BE INSTALLED AROUND ALL EARTH STOCKPILES. STOCKPILES SHALL BE STABILIZED WITH TEMPORARY SEED ACCORDING TO NOTE 11 BELOW. IF TEMPORARY SEED IS NOT FEASIBLE OR NOT PRACTICAL, STOCKPILES SHALL BE COVERED WITH POLYETHYLENE SHEETING OR SIMILAR PRODUCT AT THE END OF EACH DAY TO MINIMIZE DUST.
 - ALL OTHER EROSION CONTROL DEVICES SHOWN ON
- 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 ISSUES ARISE.
- THE CONTRACTOR SHALL CONTROL CONSTRUCTION STORMWATER RUNOFF IN SUCH A MANNER AS TO PREVENT DAMAGE TO DOWN-GRADE 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 RIDPEM PERMIT, WHEN APPLICABLE. ACCUMULATED SEDIMENTS SHALL BE REMOVED FROM THE SITE OR PLACED AWAY FROM WETLANDS AND/OR CLOSED DRAINAGE SYSTEMS.
- THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PERFORM EARTHWORK IN PHASES THAT WILL 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 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 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 SESC MEASURES ONLY AFTER FINAL PAVEMENT IS PLACED AND VEGETATION IN LANDSCAPE AREAS IS WELL ESTABLISHED.

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



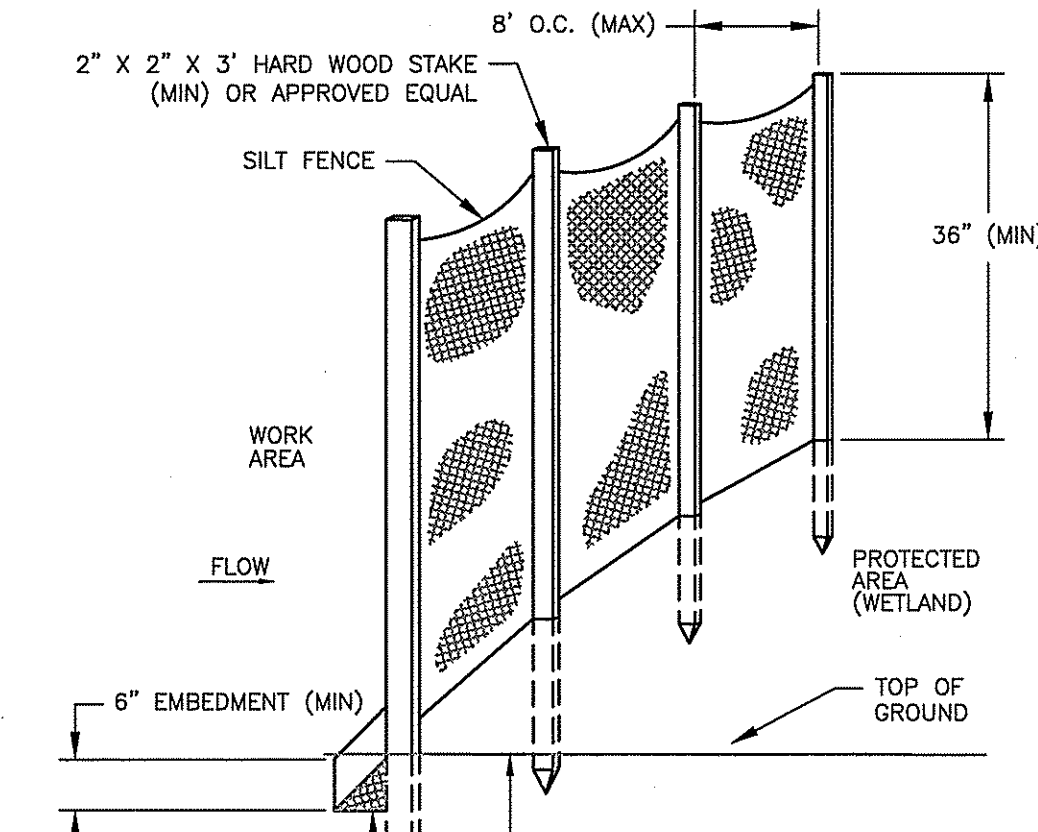
TEMPORARY CONSTRUCTION EXIT
 CA-BC-005

NOTES:
 1. ENTRANCE WIDTH SHALL BE TWENTY (20) FEET WIDE MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
 2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED SURFACES. PROVIDE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND. REPAIR ANY MEASURES USED TO TRAP SEDIMENT AS NEEDED. IMMEDIATELY REMOVE ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PAVED SURFACES. ROADS ADJACENT TO A CONSTRUCTION SITE SHALL BE LEFT CLEAN AT THE END OF EACH DAY.
 3. 50 FEET MINIMUM WHERE THE SOILS ARE SANDS OR GRAVELS OR 100 FEET MINIMUM WHERE SOILS ARE CLAYS OR SILTS, EXCEPT WHERE THE TRAVELED LENGTH IS LESS THAN 50 OR 100 FEET RESPECTIVELY.



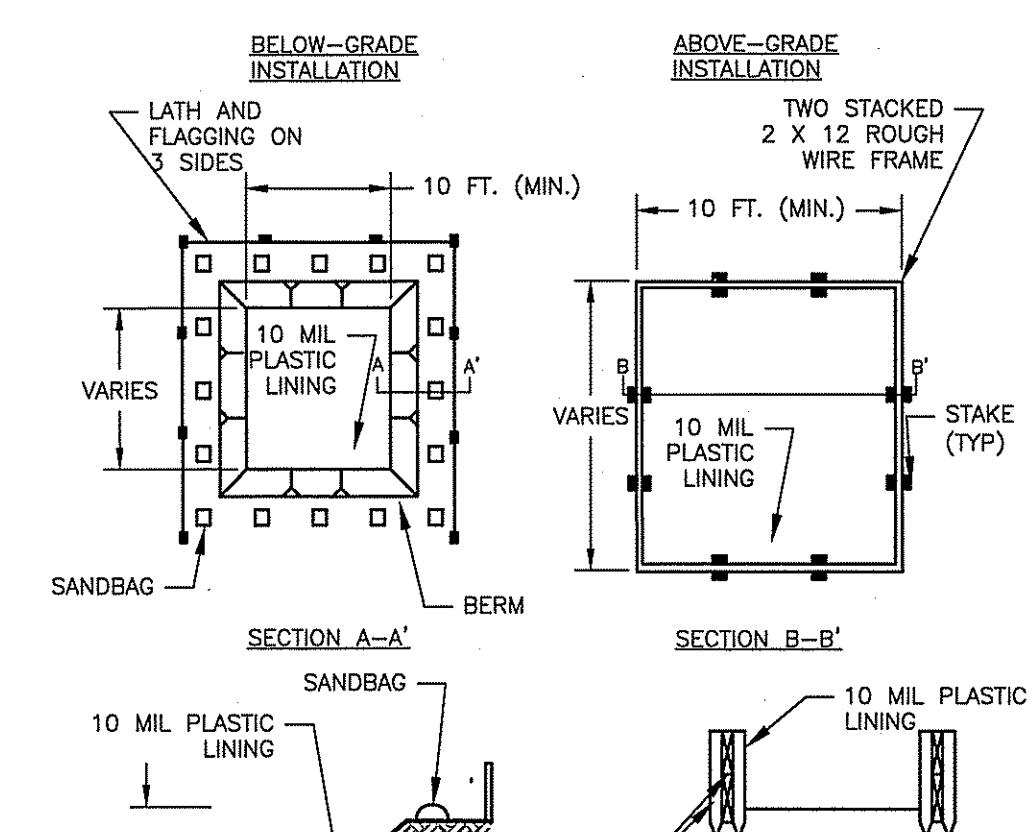
STRAW WATTLE
 CA-BC-002

NOTES:
 1. 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.
 2. 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 ADJUT.
 3. 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 SAMPLE LINE 2-3" OF STAKE EXTENDING ABOVE THE WATTLE STAKES SHALL BE DRIVEN PERPENDICULAR TO SLOPE FACE.
 4. MAX. DRAINAGE AREA ≤ 0.25 ACRES/100 LINEAR FEET.



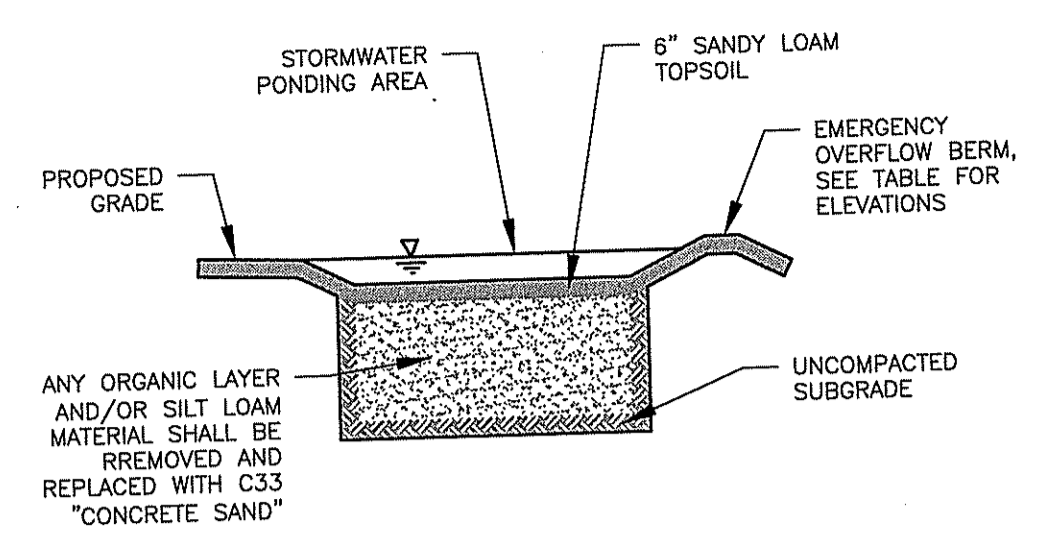
SILT FENCE
 CA-BC-001

NOTES:
 1. SILT FENCE SHALL BE LOCATED AT 10' FROM TOE OF SLOPE FOR MAINTENANCE.
 2. 8" WITH WIRE OR 6" WITHOUT WIRE (MAX).
 3. WIRE FENCING - 6" MESH OPENING (MAX) AND 14 GAUGE (MIN).
 4. MAINTAIN UNTIL UP-GRADED AREAS HAVE BEEN PERMANENTLY STABILIZED.



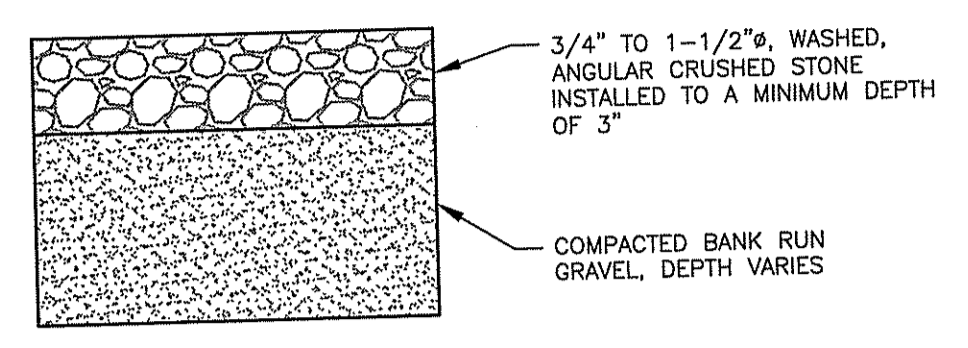
TEMPORARY CONCRETE WASHOUT FACILITY
 CA-BC-006

NOTES:
 1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
 2. LOCATE A MIN. OF 50 FEET FROM STORM DRAINS, OPEN CHANNELS, WATER BODIES, AND JURISDICTIONAL WETLANDS.
 3. SOIL BASE SHALL BE PREPARED FREE OF ROCKS OR OTHER DEBRIS THAT COULD CAUSE A TEAR IN THE LINER.
 4. LOCATE WASHOUT AREA AT LEAST 50 FEET FROM SENSITIVE AREAS SUCH AS STORM DRAINS, OPEN DITCHES, OR WATER BODIES, INCLUDING ALL JURISDICTIONAL WETLANDS.

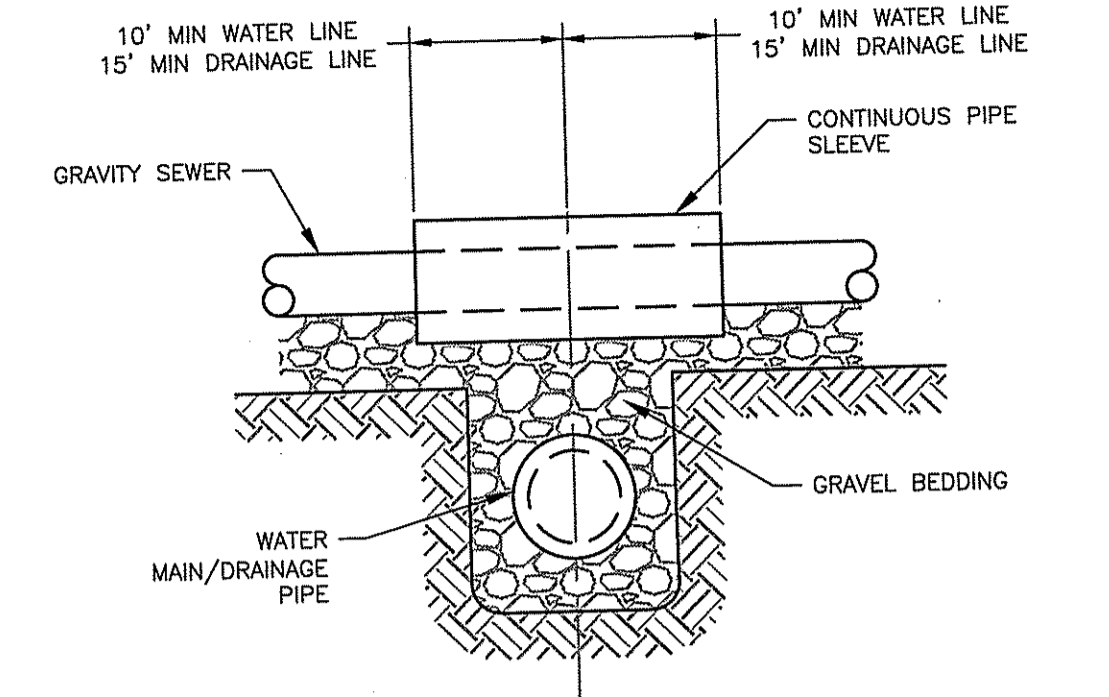


NOTES:
 TO ENSURE THE LONG-TERM FUNCTION AND VALUE OF AREAS PROPOSED FOR INFILTRATION, INCLUDING INFILTRATION AREAS, THE CONTRACTOR SHALL EXERCISE THE FOLLOWING BEST MANAGEMENT PRACTICES THROUGHOUT CONSTRUCTION:
 1. THESE AREAS SHALL NOT BE USED FOR TEMPORARY CONSTRUCTION.
 2. THESE AREAS SHALL REMAIN OFF-LINE UNTIL THE ENTIRE CONSTRUCTION AREA CONTRIBUTING TO THESE AREAS HAS BEEN STABILIZED WITH BUILDINGS, BUILDING FOUNDATIONS, PAVEMENT, OR VEGETATION, AS APPLICABLE.
 3. 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.
 4. 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.
 5. 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.
 6. UPON COMPLETION OF CONSTRUCTION OF ANY OF THESE AREAS, THE CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES TO PREVENT SILTATION OF THE FILTER MATERIALS.

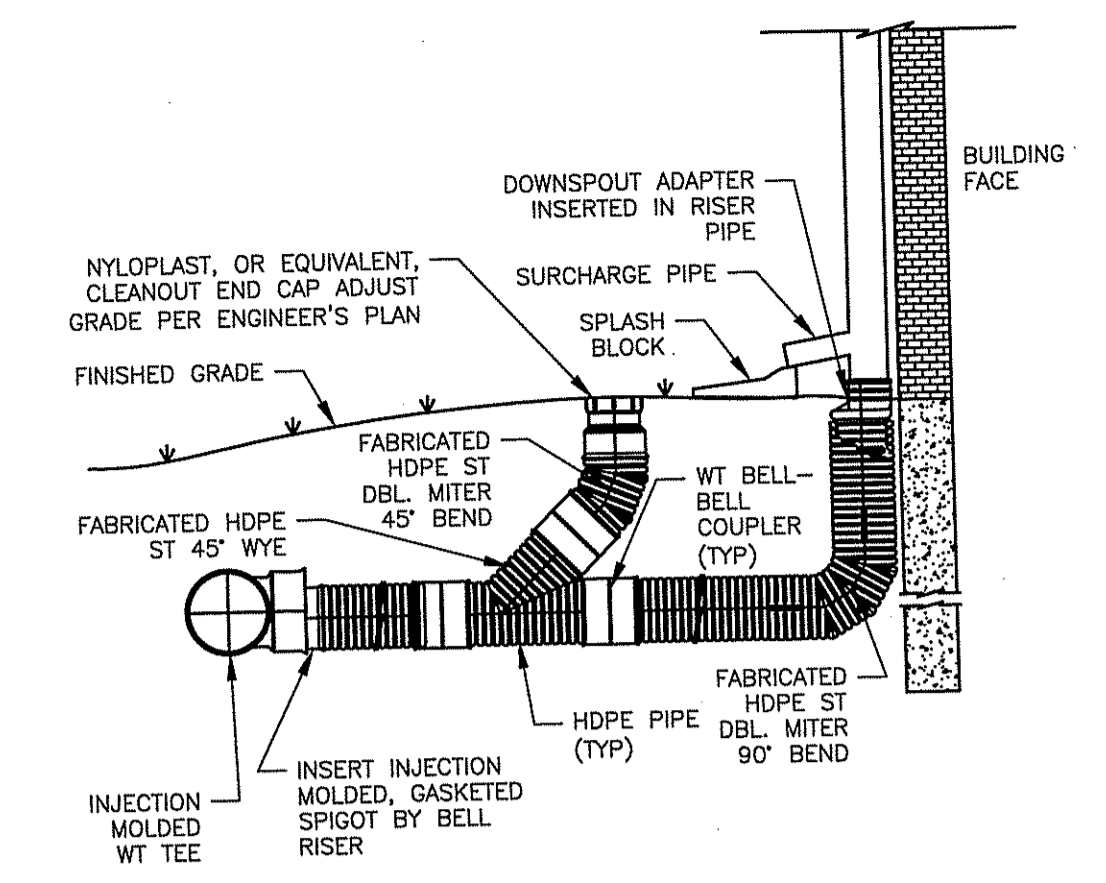
| INFILTRATION BASIN | | | | |
|---|----------------------|----------------------|----------------------|----------------------|
| | INFILTRATION BASIN 1 | INFILTRATION BASIN 2 | INFILTRATION BASIN 3 | INFILTRATION BASIN 4 |
| INF. BASIN BOTTOM ELEV. | 57.5 | 63.5 | 71.0 | 70.0 |
| TOP OF PONDING ELEV. | 59.0 | 64.4 | 72.1 | 71.0 |
| OVERFLOW ELEV. | 59.0 | 64.3 | 72.0 | 71.0 |
| SEASONAL HIGH GROUND | 52.3/62.1 | 57.0 | 65.0 | 63.0 |
| WATER TABLE ELEVATION | TH-1/TH-2 | TH-2 | TH-1 | TH-1 |
| TEST HOLD NUMBER USED FOR DETERMINATION | 12/18/17 | 12/17/15 | 12/17/15 | 12/17/15 |
| SEPARATION DISTANCE TO BOTTOM OF BASIN | 5.2' | 6.5' | 6.0' | 7.0' |
| STORM EVENT ELEVATIONS | 57.5 | 63.5 | 71.0 | 70.1 |
| 1-YEAR | 58.2 | 63.9 | 71.7 | 71.0 |
| 10-YEAR | 59.0 | 64.4 | 72.1 | 71.0 |



NOTES:
 1. THE GRADE OF THE FINISHED DRIVEWAY SHALL NOT BE HIGHER THAN THE ADJACENT GROUND ELEVATION.
 2. CRUSHED STONE SHALL BE REPLACED OR RE-GRADED AS NECESSARY TO MAINTAIN A MINIMUM 3 INCH DEPTH OF STONE AND A LEVEL SURFACE.
 3. STRUCTURAL STRENGTH OF THE DRIVE HAS NOT BEEN DESIGNED. STRUCTURAL STRENGTH OF THE DRIVE TO SUPPORT VEHICLES SHALL BE VERIFIED BY OTHERS.



NOTES:
 1. PIPE SLEEVE SHALL BE REQUIRED FOR ALL SEWER/WATER OR SEWER/ DRAINAGE PIPELINE CROSSINGS. EITHER SEWER OR WATER MAY BE SLEEVED AT CONTRACTOR'S OPTION.
 2. MAINTAIN 12" MINIMUM SEPARATION BETWEEN CROSSING PIPES.
 3. DISTANCE OF PIPE SLEEVE SHALL BE EQUAL IN BOTH DIRECTIONS.
 4. GRAVITY SEWER PIPE SHALL BE SLEEVED 10' MINIMUM EACH SIDE OF WATER LINE AND 15' MINIMUM EACH SIDE OF DRAINAGE LINE.
 5. PIPE SLEEVE SHALL BE PVC.



NOTES:
 1. FABRICATED FITTINGS ARE AVAILABLE IN TEES, WYES, REDUCERS, 45° BENDS.
 2. FITTINGS SHOWN ARE EITHER WATERTIGHT (WT) OR SOIL-TIGHT (ST).

INFILTRATION AREA CROSS SECTION
 NTS

CRUSHED STONE DRIVEWAY
 NTS

SEWER PIPE SEPARATION
 NTS

TYPICAL ROOF DRAIN CONNECTION
 NTS

OWNER/APPLICANT:
 BLOCK ISLAND HOUSING BOARD
 C/O CINDY PAPAS
 P.O. BOX 220
 BLOCK ISLAND, RI 02807

| PLAN REVISIONS | | | |
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SCALE: NTS
 CA JOB # 215097
 SEPTEMBER 22, 2017
 DRAWN BY: GAB/TMT
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DETAILS
 CHERRY HILL LANE
 AFFORDABLE HOUSING
 SUBDIVISION
 COONEYMUS ROAD
 PLAT 14, LOT 55
 NEW SHOREHAM, RHODE ISLAND

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Nancy L. Freeman

PREPARED FOR
BLOCK ISLAND HOUSING BOARD

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

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