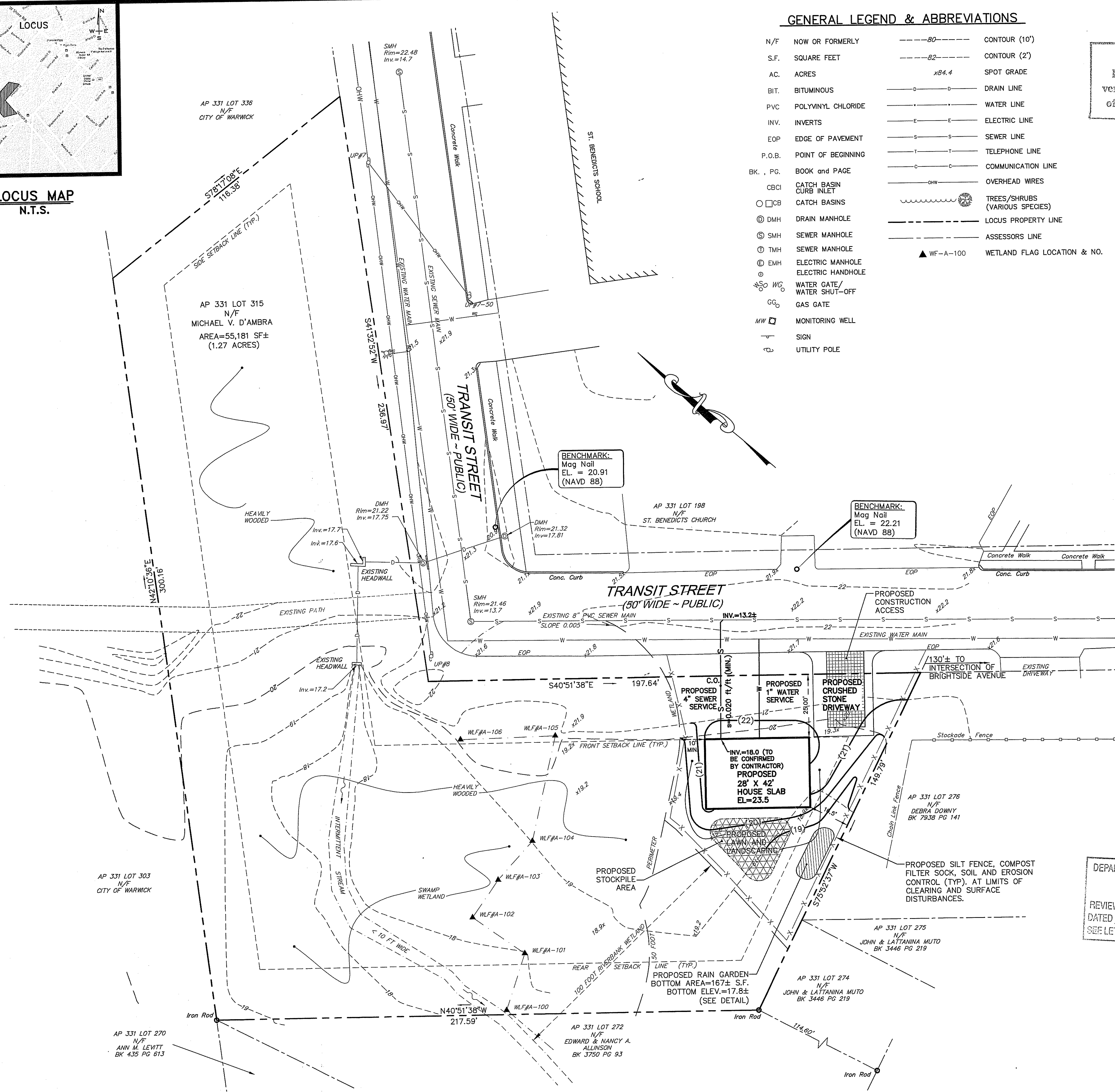


LOCUS MAP  
N.T.S.



GENERAL LEGEND & ABBREVIATIONS

|          |                    |          |                                |
|----------|--------------------|----------|--------------------------------|
| N/F      | NOW OR FORMERLY    | ---80--- | CONTOUR (10')                  |
| S.F.     | SQUARE FEET        | ---82--- | CONTOUR (2')                   |
| AC.      | ACRES              | x84.4    | SPOT GRADE                     |
| BIT.     | BITUMINOUS         | —○—○—    | DRAIN LINE                     |
| PVC      | POLYVINYL CHLORIDE | —●—●—    | WATER LINE                     |
| INV.     | INVERTS            | —E—E—    | ELECTRIC LINE                  |
| EOP      | EDGE OF PAVEMENT   | —S—S—    | SEWER LINE                     |
| P.O.B.   | POINT OF BEGINNING | —T—T—    | TELEPHONE LINE                 |
| BK., PG. | BOOK and PAGE      | —C—C—    | COMMUNICATION LINE             |
| CB       | CATCH BASIN        | —OH—     | OVERHEAD WIRES                 |
| ○CB      | CATCH BASIN        | —T—T—    | TREES/SHRUBS (VARIOUS SPECIES) |
| DMH      | DRAIN MANHOLE      | —●—●—    | LOCUS PROPERTY LINE            |
| SMH      | SEWER MANHOLE      | —●—●—    | ASSESSORS LINE                 |
| TMH      | SEWER MANHOLE      | —●—●—    |                                |
| EMH      | ELECTRIC MANHOLE   | —●—●—    |                                |
| EH       | ELECTRIC HANDHOLE  | —●—●—    |                                |
| WG       | WATER GATE/        | —●—●—    |                                |
| WG       | WATER SHUT-OFF     | —●—●—    |                                |
| GG       | GAS GATE           | —●—●—    |                                |
| MW       | MONITORING WELL    | —●—●—    |                                |
| —        | SIGN               | —●—●—    |                                |
| —        | UTILITY POLE       | —●—●—    |                                |

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

PARCEL DATA

A.P. 331, LOT 315  
N/F  
MICHAEL V. D'AMBRA  
DEED BK. 863 / PG. 87  
TRANSIT STREET  
LOT AREA:  
55,181 S.F.± OR  
1.27 ACRES±

ZONING DATA

A-10 DISTRICT  
MIN. LOT SIZE: 10,000 SF.  
MIN. FRONTAGE: 100'  
MIN. FRONT YARD: 25'  
MIN. SIDE YARD: 15'  
MIN. REAR YARD: 20'  
MAX. BLDG. HEIGHT: 35'

\* PLEASE REFER TO ZONING REGS.  
FOR ADDITIONAL INFORMATION.

PLAN REFERENCES:

1. "BRIGHTSIDE PLAT ADMINISTRATIVE SUBDIVISION TRANSIT STREET AND BRIGHTSIDE AVENUE, ASSESSOR'S PLAT 331 LOT 315 SITUATED IN WARWICK, RHODE ISLAND, PROVIDENCE COUNTY, COMMUNITY PANEL NO. 44003C0132H, HAVING AN EFFECTIVE DATE OF SEPTEMBER 18, 2013.

NOTES:

1.) THE PROJECT SITE IS LOCATED WITHIN ZONE "X" (AREA OF MINIMAL FLOODING) AS SHOWN ON F.E.M.A. FLOOD INSURANCE RATE MAP FOR THE CITY OF WARWICK, RHODE ISLAND, PROVIDENCE COUNTY, COMMUNITY PANEL NO. 44003C0132H, HAVING AN EFFECTIVE DATE OF SEPTEMBER 18, 2013.

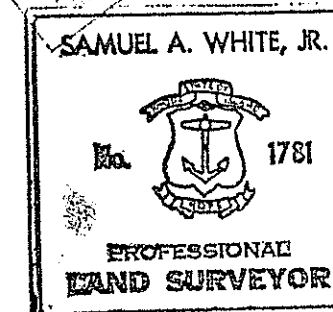
2.) THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. (PLEASE CONTACT DIGSAFE PRIOR TO CONSTRUCTION @ 1-888-344-7233)

3) HORIZONTAL DATUM: RHODE ISLAND STATE PLANE - NAD 83\*  
VERTICAL DATUM: NAVD 88\*  
\* DATUM WAS DERIVED BY OBSERVED GPS ORTHOMETRIC HEIGHTS VARIATIONS BETWEEN LOCAL BENCHMARKS MAY APPLY.

WETLANDS NOTE:

1. THE WETLAND LIMITS SHOWN HEREON WERE DELINEATED BY ECOTONES, INC. P.O. BOX 1131 EAST GREENWICH, R.I. 02818, FLAGS A-100 THRU A-106 WERE PLACED IN JUNE 2017 AND LOCATED IN THE FIELD BY SURVEY METHODS ON JULY 27, 2017, BY GAROFALO & ASSOCIATES, INC. 85 CORLISS STREET PROVIDENCE, R.I.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
REVIEWED SITE PLAN APPLICATION NO.: 17-0217  
DATED OCT 6 2017  
SEE LETTER OF SAME DATE.



CERTIFICATION:

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 BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS NOV. 25, 2015.

LIMITED CONTENT BOUNDARY SURVEY - CLASS I  
TOPOGRAPHIC SURVEY - T-2

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS: TO CREATE AN EXISTING CONDITIONS PLAN FOR WETLANDS VERIFICATION AND DESIGN OF A SINGLE FAMILY HOME.

By: Samuel A. White, Jr. 9-12-17  
SAMUEL A. WHITE LICENSE NO. 1781  
I.S. A59-COA

PLAN OF PROPOSED  
SITE ALTERATIONS  
FOR  
AP 331 LOT 315  
SITUATED ON  
TRANSIT STREET  
WARWICK, RHODE ISLAND  
PREPARED FOR  
MICHAEL D'AMBRA, SR.

| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

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

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85 CORLISS STREET  
P.O. BOX 6145  
PROVIDENCE, R.I. 02940  
TEL. 401-273-8000

JOB NO. 7125.00  
DWG. NO. 7125-PR-DWELLING  
SCALE: 1"=20'  
SHEET  
DRAWN BY RSE/TEH  
CHECKED BY SH/RB  
APPROVED SAW  
DATE: AUGUST 30, 2017

1

OF 2 SHEETS



GENERAL NOTES:

1. THE STATE OF RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE AND THE RHODE ISLAND STANDARD DETAILS CONSTRUCTION, LATEST EDITION, ARE MADE A PART HEREOF AS FULLY AND COMPLETELY AS IF ATTACHED HERETO. THE LATEST REVISIONS MAY BE OBTAINED AT THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION, DIVISION OF PUBLIC WORKS. IN ADDITION, THE CITY OF WARWICK STANDARD SPECIFICATIONS ARE MADE A PART HEREOF AS FULLY AND COMPLETELY AS IF ATTACHED HERETO.
2. THE OWNER OR HIS CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE REQUIRED APPROVALS/PERMITS FROM THE CITY OF WARWICK FOR THE PROPOSED WATER AND SEWER CONNECTIONS.
3. ALL REQUIRED SITE IMPROVEMENTS SHALL BE INSPECTED BY THE CITY ENGINEER TO ENSURE SATISFACTORY COMPLETION. IN NO CASE SHALL THE INSTALLATION OF ANY IMPROVEMENTS BE STARTED UNTIL PRIOR NOTIFICATION IS GIVEN TO THE CITY ENGINEER. AT LEAST A 48-HOUR NOTICE SHALL BE GIVEN TO THE CITY ENGINEER PRIOR TO ANY SUCH START OF CONSTRUCTION. A FINAL INSPECTION OF ALL SITE IMPROVEMENTS, UTILITIES AND GRADING WILL BE MADE TO DETERMINE WHETHER THE WORK IS SATISFACTORY AND IN SUBSTANTIAL AGREEMENT WITH THE APPROVED FINAL CONSTRUCTION DRAWING AND THE CITY SPECIFICATIONS.
4. LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL CHECK AND VERIFY LOCATIONS OF ALL EXISTING UTILITIES BOTH UNDERGROUND AND OVERHEAD. ANY DAMAGE TO EXISTING UTILITIES AS SHOWN OR NOT SHOWN ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. COSTS OF SUCH DAMAGE SHALL BE BORNE BY THE CONTRACTOR. NO EXCAVATION SHALL BE DONE UNTIL ALL INVOLVED UTILITY COMPANIES ARE NOTIFIED 72-HOURS IN ADVANCE. THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY DIG-SAFE (1-888-344-7233) A MINIMUM OF 72 WORKING HOURS, EXCLUDING WEEKENDS AND HOLIDAYS, PRIOR TO THE START OF ANY EXCAVATION AND/OR BLASTING WORK. THE NAME OF THE COMPANY PERFORMING THE EXCAVATION AND/OR BLASTING WORK MUST BE SUPPLIED TO DIG-SAFE, IF IT IS DIFFERENT FROM THE CALLER.
5. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN ANY AND ALL PERMITS REQUIRED BY THE STATE OF RHODE ISLAND, FEDERAL GOVERNMENT AND THE CITY OF WARWICK PRIOR TO COMMENCING ANY WORK.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL TEMPORARY SEDIMENTATION AND EROSION CONTROLS.
7. STOCKPILES OF EARTH MATERIALS SHALL NOT BE LOCATED NEAR OR ADJACENT TO DRAINAGE STRUCTURES.
8. ALL MATERIAL FOR FILL SHALL BE CLEAN AND FREE OF MATTER WHICH COULD POLLUTE ANY DOWN STREAM WATERCOURSE.
9. FILL MATERIAL SHALL BE COMPACTED IN ONE FOOT (MAXIMUM) LIFTS TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM D-1557 (MODIFIED PROCTOR TEST).
10. WORK SHOWN ON THE PLANS FOR WHICH THERE ARE NO PARTICULAR DETAILS OR SPECIFICATIONS DOES NOT RELIEVE THE CONTRACTOR FROM FINISHING AND INSTALLING THE WORK. THE CONTRACTOR SHALL THOROUGHLY EXAMINE THE CONTRACT DOCUMENTS AND PLANS AND INSPECT THE SITE, AND THE BID PRICE SHALL INCLUDE ALL SERVICES AND MATERIALS AS NECESSARY TO COMPLETE THE PROJECT. ANY CHANGES TO THE PROJECT OR THE INSTALLATION OF AN ITEM FOR WHICH NO PARTICULAR DETAIL OR SPECIFICATION WAS PROVIDED MUST BE REVIEWED BY AND ACCEPTABLE TO THE ENGINEER.

SEDIMENTATION CONTROL PROGRAM:

1. EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY SEDIMENTS FROM ENTERING THE 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 DRAINAGE WAYS OR THOSE AREAS SUBJECTED TO STORM WATER FLOW.
6. ADDITIONAL HAYBALES, SILT SOCK, OR SANDBAGS SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE ENGINEER.
7. REFERENCE THE 2010, R.I. STORMWATER DESIGN AND INSTALLATION STANDARDS MANUAL (RISDIS MANUAL) AS AMENDED AS A GUIDE.

EROSION CONTROL and 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 SEED 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 AND SHALL CONFORM WITH RHODE ISLAND STANDARD SPECIFICATION M.18.02.
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 TREFOIL   | 15          |
| PERENNIAL RYEGRASS  | 10          |

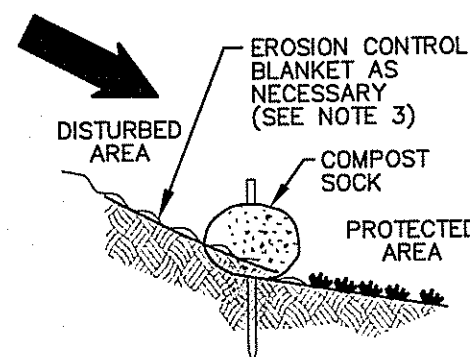
APPLICATION RATE 100 LBS/ACRE

LIMING AND FERTILIZING AS REQUIRED TO COMPLIMENT OR UPGRADE EXISTING CONDITIONS.

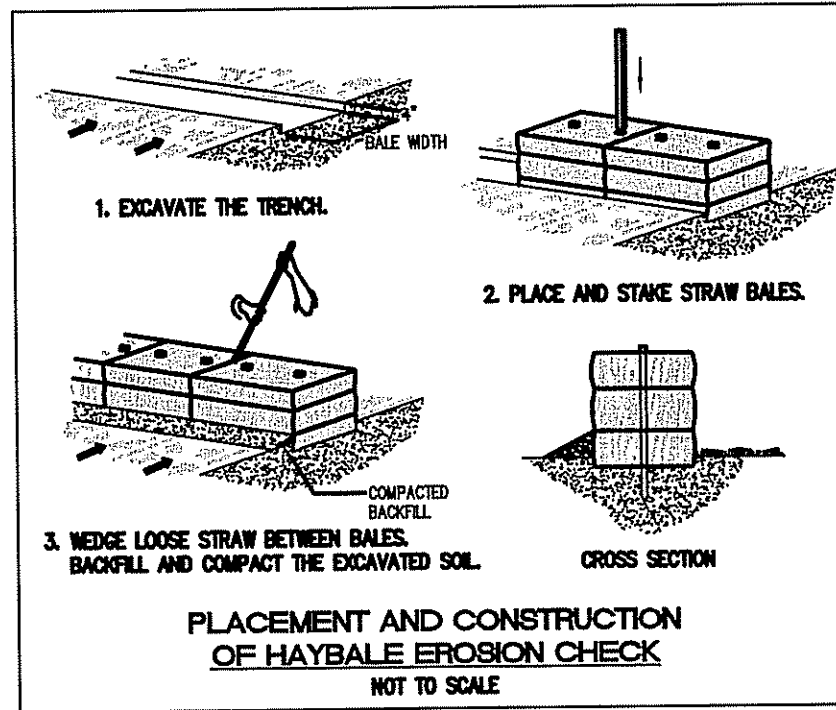
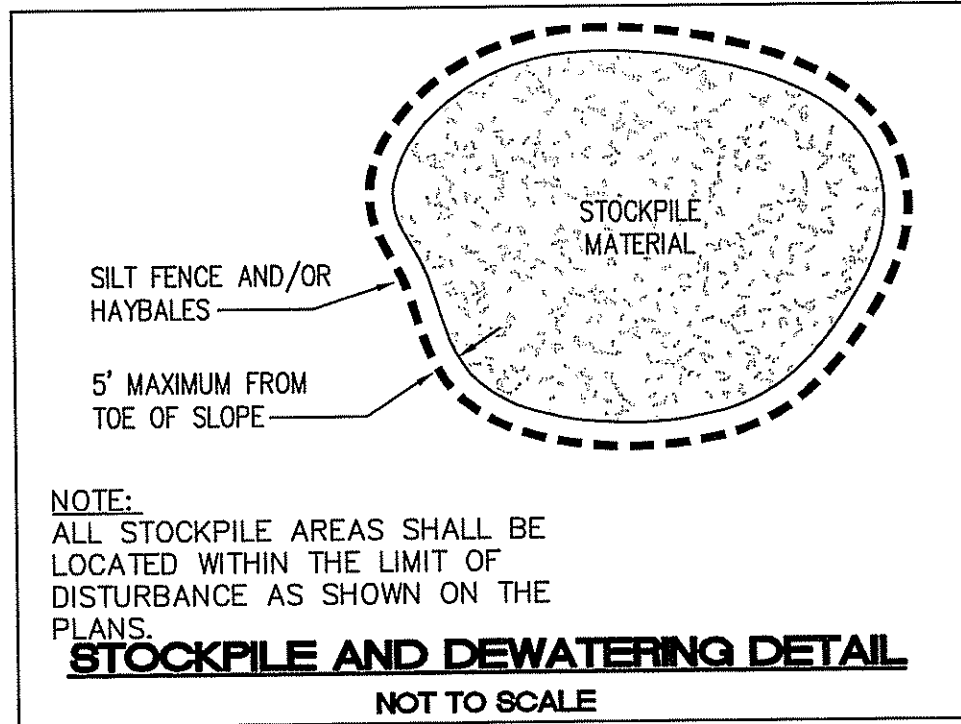
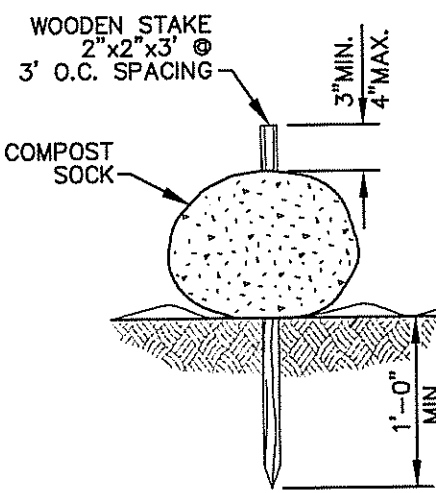
9. THE CONTRACTOR MUST REPAIR AND/OR RESEED ANY AREAS THAT DO NOT DEVELOP WITHIN THE PERIOD OF ONE (1) YEAR, AND HE SHALL DO SO AT NO ADDITIONAL EXPENSE.
10. THE NORMAL ACCEPTABLE SEASONAL SEEDING DATES ARE APRIL 1ST THROUGH OCTOBER 15TH.
11. STABILIZATION OF ONE FORM OR ANOTHER AS DESCRIBED ABOVE SHALL 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 SEED OR STABILIZED AND COMPLETELY ENCLOSED 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.

NOTES:

1. COMPOST SOCK SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. COMPOST SOCK SHALL BE A MINIMUM OF 8" IN DIAMETER.
2. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.
3. WHEN PLACING COMPOST SOCK ON SLOPES, USE EROSION CONTROL BLANKET IF SPECIFIED ON PLANS.
4. ALWAYS INSTALL COMPOST SOCK PERPENDICULAR TO SLOPE AND ALONG CONTOUR LINES.
5. REMOVE SEDIMENT FROM THE UP SLOPE SIDE OF THE COMPOST SOCK WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE COMPOST SOCK.



COMPOST SILT SOCK DETAIL  
NOT TO SCALE



NOTES:

1. RAIN GARDEN AMENDED SOIL SHALL CONTAIN 50% EXCAVATED SOIL AND 50% ORGANIC COMPOST.
2. RAIN GARDEN SHALL HAVE A BOTTOM AREA AS SHOWN ON THE PLAN.
3. RAIN GARDEN PLANT LIST:

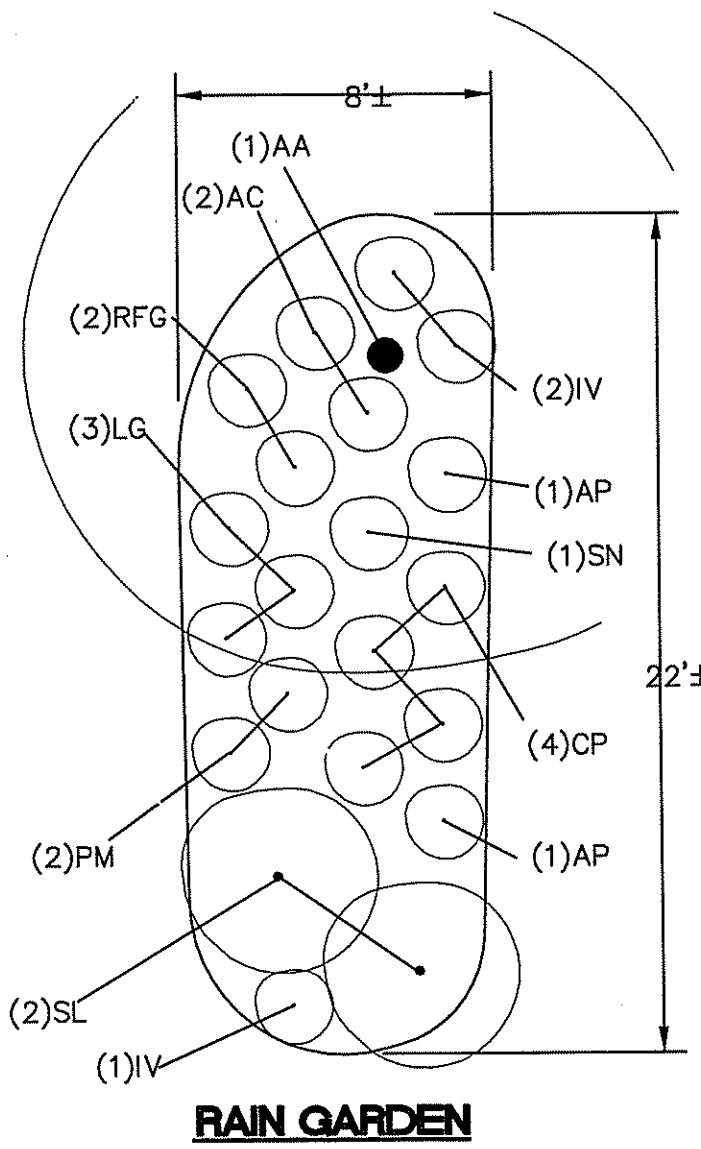
| KEY | QTY | BOTANICAL NAME                | COMMON NAME          | SIZE |
|-----|-----|-------------------------------|----------------------|------|
| AA  | 1   | AMELANCHIER ARBOREA           | SERVICEBERRY         | #7   |
| AC  | 2   | ACHILLEA 'CORONATION GOLD'    | YELLOW YARROW        | #1   |
| AP  | 2   | ASTER PUNICEUS                | (SWAMP ASTER)        | #1   |
| CP  | 4   | COMPTONIA PEREGRINA           | (SWEET FERN)         | #3   |
| IV  | 3   | IRIS VERSICOLOR               | (BLUE FLAG IRIS)     | #1   |
| LG  | 3   | LEDUM GROENLANDICUM           | (LABRADOR TEA)       | #3   |
| PM  | 2   | PHOTINIA MELANOCARPA          | (BLACK CHOKEBERRY)   | #3   |
| RFG | 2   | RUDBECKIA FULGIDA 'GOLDSTRUM' | (ORANGE CONE FLOWER) | #1   |
| SL  | 2   | SPIREA LATIFOLIA              | (MEADOWSWEET)        | #3   |
| SN  | 1   | SYMPHYOTRICHUM NOVAE-ANGLAE   | (NEW ENGLAND ASTER)  | #1   |
4. CONTRACTOR IS TO TAKE PRECAUTION NOT TO COMPACT SOIL WITHIN RAIN GARDEN. IF SOIL BECOMES COMPACTED, IT SHALL BE TILLED AND AMENDED TO MAINTAIN PROPER DRAINAGE.
5. RAIN GARDEN SIZING BASED ON STATE OF R.I. STORMWATER MANAGEMENT GUIDANCE FOR SINGLE FAMILY RESIDENTIAL LOT DEVELOPMENT.

USE 8s.f. PER 100s.f. OF IMPERVIOUS AREA FOR AN 8" DEEP RAIN GARDEN IN SANDY SOILS.

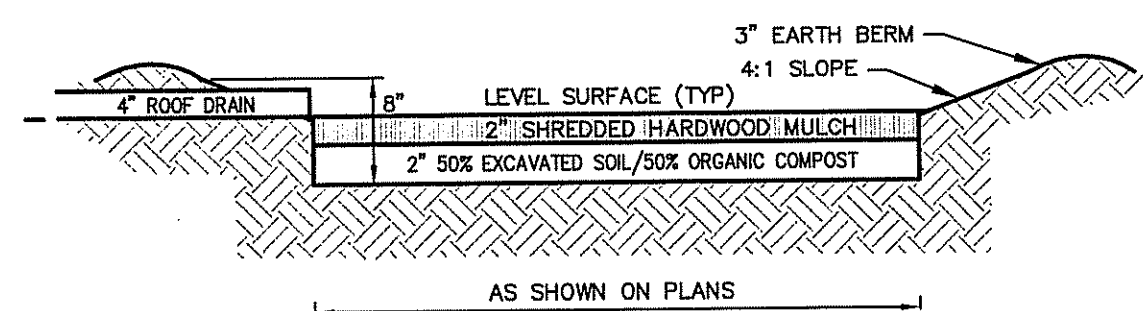
| REQUIRED:             | AREA:       |
|-----------------------|-------------|
| BUILDING FOOTPRINT    | = 1,176s.f. |
| DRIVEWAY              | = 818s.f.   |
| TOTAL IMPERVIOUS AREA | = 1,994s.f. |

THEREFORE 1,994s.f. x 8s.f. / PER 100s.f. = 159.5s.f. REQUIRED

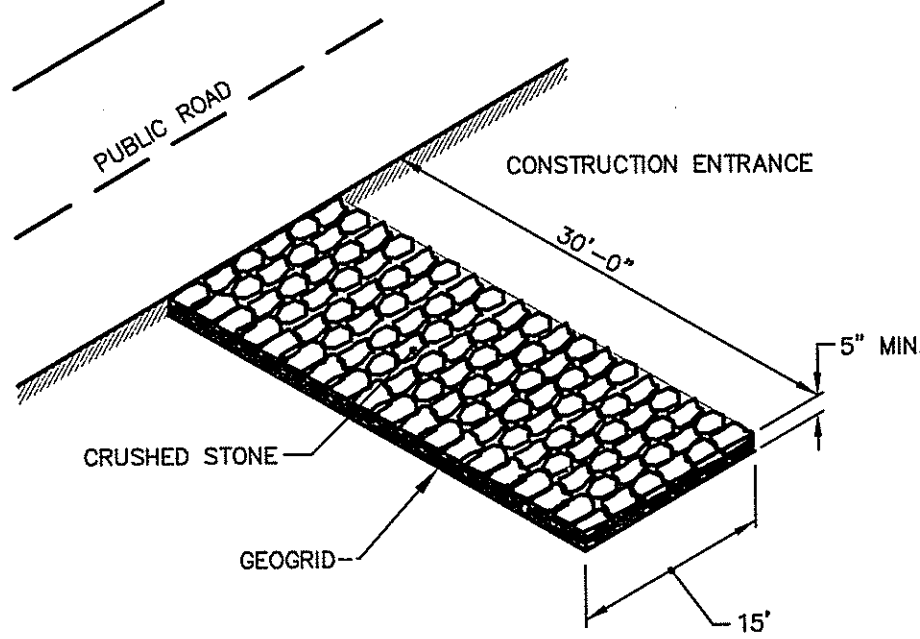
| PROPOSED:              | AREA:      |
|------------------------|------------|
| 22±' x 8±' RAIN GARDEN | = 167±s.f. |



RAIN GARDEN



RAIN GARDEN DETAILS  
NOT TO SCALE



NOTE: SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

CONSTRUCTION ACCESS  
R.I. STD. 9.9.0

NOTES AND DETAILS  
AP 331 LOT 315  
SITUATED ON  
TRANSIT STREET  
WARWICK, RHODE ISLAND  
PREPARED FOR  
MICHAEL D'AMBRA, SR.

| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |
|     |          |    |      |

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P.O. BOX 6145  
PROVIDENCE, R.I. 02940  
TEL. 401-273-9000

|  |  |
|--|--|
| JOB NO.<br>7125.00<br>DWG. NO.<br>7125-PR-DWELLING | DRAWN BY RSE/TEH<br>CHECKED BY SH/RB     |
| SCALE:<br>1"=20'                                   | APPROVED SAW<br>DATE:<br>AUGUST 30, 2017 |

SHEET

2

OF 2 SHEETS