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FEBRUARY 7, 2024

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Town of Arlington Conservation Commission c/o Mr. Ryan Clapp, Conservation Administrator Robbins Memorial Town Hall 730 Massachusetts Avenue Arlington, Massachusetts 02476

RE: Response to Peer Review Comments
SWCA Environmental Consultants, Restoration Plan Peer Review
Thorndike Place, Arlington, Massachusetts

Dear Members of the Arlington Conservation Commission,

On behalf of the Applicant, Arlington Land Realty, LLC, BSC Group, Inc. (BSC) is pleased to submit this response to peer review comments provided by SWCA Environmental Consultants (SWCA) relative to the Thorndike Place residential development (the Project) to be located off of Dorothy Road in the Town of Arlington. SWCA has performed a peer review of the Project's proposed restoration plan design on behalf of the Arlington Conservation Commission and issued comments in a memorandum dated January 23, 2024, titled *Notice of Intent Restoration Plan Peer Review, Thorndike Place, Arlington, Massachusetts*. For clarity, we have repeated the original comments from SWCA's peer review letter in standard text below utilizing the same numbering system and provided a summary of our response in *italics*.

<u>SWCA Comment 1</u>: Section 3.1.1, second paragraph. The narrative states that dead trees (i.e., snags) that do not provide wildlife habitat will be cut and stumped. Snags provide a wide variety of valuable wildlife habitat functions including shelter and forage opportunities. It is doubtful there are any snags that do not provide any wildlife habitat functions. Additionally, removal of snags does not appear to provide any ecological benefit and stumping of snags within the restoration area would likely result in unnecessary additional impacts (e.g., soil disturbance).

SWCA recommends that this language be revised to indicate that only snags that pose a hazard (e.g., leaning towards the proposed buildings and likely to result in property damage or injury) be removed and that no stumping will occur. SWCA recommends the Commission also consider a condition in the Order of Conditions (OOC), if issued, stating that any snags to be removed shall be approved by the Commission.

BSC Response 1: BSC concurs with the recommended revision and suggests a Special Condition allowing removal of snags from the proposed restoration area that pose a hazard (e.g., leaning toward buildings and/or likely to result in property damage or personal injury) and that no stumping of removed snags shall be permitted. We additionally recommend that the Special Condition allow for a representative of the Commission be authorized to coordinate, review, and approve any snag removal on behalf of the Commission to avoid construction delays.

SWCA Comment 2: Section 3.1.1, second paragraph. The narrative states that an Invasive Species Management Plan (ISMP) for work within resource areas and their buffer zones shall be developed as required by the Comprehensive Permit. During the site walk on January 5, representatives from BSC indicated that invasive species control would be included as part of the proposed restoration efforts. It is unclear how invasive species would be controlled (e.g., mechanical removal, chemical control, etc.) or what the target species would be.



SWCA recommends the Applicant develop a detailed ISMP to be included as part of the NOI that details what the target invasive species will be, proposed specific control methodologies, a monitoring plan to measure invasive vegetation control success, and performance goals. SWCA recommends the ISMP be reviewed by an expert in invasive species removal as some species (e.g., Japanese knotweed [Reynoutria japonica]) can be extremely challenging to effectively control.

<u>BSC Response 2:</u> Several invasive plant species occur on the Site, most notably Japanese knotweed, Oriental Bittersweet, and Garlic Mustard. These occur within jurisdictional resource areas and buffer zones, as well as within non-jurisdictional areas of the site.

BSC and the Applicant will prepare an Invasive Species Management Plan (ISMP) to treat invasive plants currently within the proposed wetland restoration area and to control their spread within the restoration area. BSC recommends that approval of such ISMP by the Conservation Commission's representative prior to the start of work be made a Special Condition of an Order of Conditions for the Project.

<u>SWCA Comment 3:</u> Section 3.1.1. The narrative includes multiple references to refuse that has been dumped on the site over the years. During the site walk on January 5, it was noted that as part of the proposed restoration work, the refuse would be removed as much as practicable.

SWCA recommends the Commission include a condition in the OOC, if issued, that requires all surficial refuse, including discarded clothing, metal, concrete rubble, lumber, plastic, and other similar garbage, to be removed from within the resource areas and their associated buffer zones within the limit of work. SWCA also recommends the Commission indicate that any refuse at the surface and partially buried be removed to a depth of up to 12 inches below ground (e.g., a shopping cart that has become partially buried in the soil).

<u>BSC Response 3:</u> BSC concurs with SWCA Comment 3 and agrees such a Condition be included as part of the OOC.

<u>SWCA Comment 4:</u> Section 3.1.1. The narrative provides a brief discussion of the proposed restoration activities, specifically restoration plantings. However, successful habitat restorations consider a wide variety of considerations, beyond vegetation. More specifically, the wildlife habitat and vegetation evaluation provided in Attachment G of the NOI identifies numerous wildlife habitat features including large woody debris, snags, hard mast and berry producing forage, rocks and rock piles, and others.

SWCA recommends the restoration plan consider how to improve important wildlife habitat functions within the restoration area and include methods to provide important wildlife habitat features that may be lost due to proposed impacts elsewhere on site.

<u>BSC Response 4:</u> The Restoration Plan has been updated to include proposed placement of coarse woody debris and stones and a few stone piles using natural materials originating from within the Limit of Work on the Project site. The Restoration Plan maximizes the use of native berry and mast producing vegetation to benefit wildlife habitat values of the restoration area. See Appendix for details of wildlife habitat features.

<u>SWCA Comment 5:</u> Section 3.1.1. The narrative and the wildlife habitat and vegetation evaluation identify numerous native and non-native trees and shrubs within the project limit of work, including the restoration area. However, out of the 17 proposed trees and shrubs to be planted, only two (red maple [*Acer rubrum*] and American hornbeam [*Carpinus carolineana*]) are included on the plant schedule.

SWCA recommends the restoration plan be revised to include species within the restoration area that occur onsite to better represent the diversity and community structure of adjacent habitats. There are numerous trees and shrubs documented in the NOI application materials that would be suitable for the restoration area including American elm (Ulmus americana), black cherry (Prunus serotina), yellow birch (Betula allegheniensis), sweet birch (Betula lenta), box elder (Acer negundo), silver maple (Acer saccharinum), white pine (Pinus strobus), sycamore (Platanus occidentalis), black willow (Salix nigra), and others that are also typically readily available as nursery stock.



<u>BSC Response 5:</u> BSC concurs with SWCA Comment 5 and has updated the proposed planting plan and shown approximate locations of wildlife habitats.

SWCA Comment 6: Sheet G-101, Planting Notes, Note 11. The site plans indicate that the plant species indicated on the plant list are recommendations only and that final selection of the species shall occur at the time of plant purchase, depending on availability and that the size and quantity shall not change without approval of the Applicant's landscape architect.

SWCA recommends this note be revised to indicate that the proposed planting species, sizes, and quantities may be subject to change based on availability. However, these changes should be approved by the Conservation Commission and should be approved prior to purchase.

<u>BSC Response 6:</u> BSC has made the recommended revision to the Sheet G-101 Planting Notes, Note 11. We recommend that the Order of Conditions allow administrative approval of such availability-based changes by the Conservation Commission or its authorized representative to prevent undue construction delays in making such substitutions if necessary.

<u>SWCA Comment 7:</u> Sheet G-101, Comprehensive Permit Notes, Comment I.5. This comment notes that dumping of woody vegetation, brush, and other debris in a resource area or its associated buffer zone is prohibited.

SWCA notes that an exception to this requirement might be considered for the restoration area as large woody debris, brush piles, and other similar wildlife habitat features provide quality habitat functions and are likely to increase the ecological value of the restored habitats.

BSC Response 7: Sheet G-101, Comprehensive Permit Notes, Comment 1.5 is a Condition of the Comprehensive Permit, and the wording is copied directly from that Condition. The intent of the Condition is to prohibit the dumping of materials removed during construction in the wetlands or buffer zone. In accordance with BSC Response 4 above, the Restoration Plan will be updated with detailed natural coarse woody debris and stone wildlife habitat features using materials originating from the site, but material removed from the site during construction will not be disposed of within resource areas or associated buffer zones in accordance with the Comprehensive Permit condition.

<u>SWCA Comment 8:</u> Sheet G-101, Comprehensive Permit Notes, Comment I.25. The site plans note that the survival rate of planted species shall be 80% at the end of the third year and that a corrective action plan must be submitted if the survival rate is less than 80% at the end of the third year.

SWCA recommends the Commission consider requiring a corrective action plan to be developed by the Applicant if the 80% success rate is not met after any year of monitoring. Waiting until the third year of monitoring to develop and implement any corrective actions may unnecessarily prolong reaching the project's performance goals and may result in unnecessary disturbance to the area to rectify any adverse conditions since the restoration area will have had three years to establish.

<u>BSC Response 8:</u> Sheet G-101, Comprehensive Permit Notes, Comment I.25 is a condition of the Comprehensive Permit, and the wording is copied directly from that Condition. The Comprehensive Permit Condition was prepared upon the recommended conditions submitted to the Zoning Board by the Conservation Commission by letter dated October 14, 2021.

SWCA Comment 9: Sheet L-100, Plant Schedule. The plant schedule includes a number of proposed cultivars within the 100-foot Buffer Zone (e.g., Clethra alnifolia 'ruby spice', Hydrangea quercifolia 'ruby slippers', and Hydrangea arborescens 'annabelle'). In accordance with condition I.24 of the Comprehensive Permit, all mitigation plantings and plantings within all resource areas shall be native, non-cultivar species. Additionally, other cultivars are proposed in other areas of the site along side non cultivars of native species (e.g., pin oak [Quercus palustris] and green pillar pin oak [Q. palustris 'pringreen']).

SWCA recommends the planting plan be revised to not include any cultivars.



<u>BSC Response 9:</u> BSC concurs with SWCA Comment 9 and has revised the planting plan to not include cultivars within the 100-foot buffer.

<u>SWCA Comment 10:</u> Sheet L-100. A note on the plans indicates that all dead trees (i.e., snags) that do not provide wildlife habitat per the landscape architect and wildlife ecologist should be removed. Snags provide a wide variety of valuable habitat functions for wildlife including forage for insects, perches to hunt from, shelter if there are cavities or cracks, and other functions.

SWCA recommends this note be revised to indicate that only snags that pose a hazard (e.g., may fall and land on the buildings) may be removed and that removal of any snags must be approved by the Commission.

BSC Response 10: BSC concurs with SWCA Comment 10 and has revised Sheet L-100 according to SWCA's Comments 1 and 10.

We look forward to discussing this project with you further at the upcoming public hearings on the project. Please feel free to contact me at (617) 896-4386 or drinaldi@bscgroup.com should you have any questions on the information in this report.

Sincerely,

BSC GROUP, INC.

Dominic Rinaldi, PE Senior Associate

Attachments: Revised General Notes and Legend

Revised Planting Plan Habitat Details

GENERAL NOTES

- . EXISTING CONDITIONS SURVEY INFORMATION WAS PREPARED BY BSC GROUP, INC. SURVEY IS BASED ON AN ON-THE-GROUND SURVEY CONDUCTED BY BSC GROUP IN DECEMBER 2019-FEBRUARY 2020.
- 2. REVIEW ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO THE OWNER'S REPRESENTATIVE IN WRITING PRIOR TO STARTING WORK.
- THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON THE SURVEY REFERENCED ABOVE. THE CONTRACTOR SHALL CONTACT DIGSAFE (888–344–7233 OR 811) AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANIES TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
- ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS, AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER IN WRITING FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION.

SITE PREPARATION NOTES

- 1. ONLY AREAS DESIGNATED FOR CLEARING SHALL BE CLEARED.
- 2. THE SUBCONTRACTOR(S) IS/ARE RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONDITIONS TO REMAIN THAT ARE DUE TO SUBCONTRACTOR(S) OPERATIONS.
- 3. ITEMS TO BE REMOVED THAT ARE NOT STOCKPILED FOR LATER REUSE ON THE PROJECT OR DELIVERED TO THE OWNER SHALL BE LEGALLY DISPOSED OF OFF SITE BY THE SUBCONTRACTOR(S).
- 4. THE SUBCONTRACTOR(S) SHALL BE RESPONSIBLE FOR COORDINATING THEIR EFFORTS WITH ALL TRADES.
- 5. THE CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ABANDONMENT OF UTILITIES WITH THE RESPECTIVE UTILITY COMPANY.
- 6. THE SUBCONTRACTOR(S) SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADE AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MAN HOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED OR DIRECTED BY THE CONTRACTOR/ENGINEER.
- 7. TEMPORARY CONSTRUCTION HAUL ROADS (IF REQUIRED) SHALL BE EXCAVATED AND THE SUB-BASE COMPACTED TO 95% SPMDD. THE USE OF SEPARATION FABRICS MAY BE USED TO FACILITATE FUTURE REMOVAL AND RECOVERY OF GRANULAR MATERIALS. HAUL ROAD SHALL HAVE AT LEAST 9" OF 6-INCH MINUS STONE AND SHALL BE MAINTAINED DURING CONSTRUCTION.

EROSION AND SEDIMENT CONTROL MEASURES

- 1. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGED CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED EROSION CONTROL PLAN INCLUDING SCHEDULE FOR APPROVAL BY THE TOWN OF ARLINGTON. A COPY OF THE APPROVED NPDES EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE.
- 2. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SITE EXCAVATION OR DISTURBANCE AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS. THE SMALLEST PRACTICAL AREA OF LAND SHALL BE EXPOSED AT ANY ONE TIME.
- 3. SEDIMENT TRAPS SHALL BE INSTALLED AT DRAINAGE STRUCTURES IN PUBLIC STREET IN THE PROJECT AREA. STRAW BALE BARRIERS AND SILTATION FENCES ARE TO BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE BEEN STABILIZED.
- 4. SEDIMENT BARRIERS SHALL BE INSPECTED AND APPROVED BY THE TOWN OF ARLINGTON BEFORE CONSTRUCTION CAN START.
- 5. STRAW BALES AND MULCH SHALL BE MOWINGS OF ACCEPTABLE HERBACEOUS GROWTH, FREE OF NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE DRY WHEN INSTALLED.
- 6. THE UNDERSIDE OF STRAW BALES SHOULD BE KEPT IN CLOSE CONTACT (TRENCHED IN 3-INCHES MINIMUM) WITH THE EARTH AND RESET AS NECESSARY.
- 7. DISTURBED AREAS SHALL BE BLANKETED OR SEEDED AND MULCHED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODABLE/BARE AREAS SHALL BE BLANKETED
- 8. STABILIZE SLOPES GREATER THAN 3:1 (HORIZONTAL:VERTICAL) WITH SEED, SECURED GEOTEXTILE FABRIC,
- SPRAYED COMPOST BLANKET, OR RIP-RAP AS REQUIRED TO PREVENT EROSION DURING CONSTRUCTION.

OR SEEDED AND MULCHED WITHIN 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING.

- SEDIMENT BARRIERS SHALL BE CONSTRUCTED AROUND ALL SOIL STOCKPILE AREAS.
 CLEAN OUT DRAINAGE FEATURES AND STRUCTURES AFTER COMPLETION OF CONSTRUCTION.
- 11. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF OFF SITE ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE—HALF OF THE HEIGHT OF THE SEDIMENT CONTROL MEASURE.
- 12. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, THE SUBCONTRACTOR(S) SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AT THE CONTRACTOR/ENGINEER DIRECTION.
- 13. AFTER THE REMOVAL OF TEMPORARY EROSION CONTROL MEASURES, THE SUBCONTRACTOR(S) SHALL GRADE AND SEED AREA OF TEMPORARY EROSION CONTROL MEASURE.
- 14. DAMAGED OR DETERIORATED ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION OR AS DIRECTED BY THE CONTRACTOR'S SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR DAILY INSPECTIONS. MAINTENANCE. AND
- 15. THE CONTRACTOR'S SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR DAILY INSPECTIONS, MAINTENANCE, AND REPAIR ACTIVITIES. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES EVERY SEVEN (7) CALENDAR DAYS. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WITHIN 48 HOURS.
- 16. PIPE OUTLETS (IF ANY) SHALL BE STABILIZED WITH STONE.
- 17. TEMPORARY SEEDING SHALL BE AT A RATE OF 45 LBS PER ACRE. ERODABLE AREAS OUTSIDE AND DOWN SLOPE FROM THE CONSTRUCTION LIMITS SHALL BE SIMILARLY SEEDED.
- 18. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED. DEWATERING PLAN SHALL BE SUBMITTED FOR APPROVAL BY THE ENGINEER.
- 19. WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION/SEDIMENTATION CONTROL MEASURES MAY BE REQUIRED BY CONTRACTOR/ENGINEER.
- 20. GRAVEL CONSTRUCTION ROADS AND CONSTRUCTION PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.
- 21. NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- 22. THE COST OF REPAIRING OR REMOVING SEDIMENT FROM EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.
- 23. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL. CONTRACTOR SHALL PROVIDE TO THE CONSERVATION COMMISSION MEASURES (EROSION AND SEDIMENTAITON CONTROL) FOR WORK DURING WINTER CONDITIONS.
- 24. CONTRACTOR SHALL SPRAY WATER FROM A WATER TRUCK ON DRY AND WINDY DAYS TO PREVENT DUST FROM FORMING.
- 25. EROSION CONTROL MEASURES AS SHOWN ON THESE DRAWINGS ARE INTENDED TO CONVEY MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL MEASURES AS NECESSARY TO PREVENT SOIL EROSION AND TO COMPLY WITH THE PROJECT'S STORMWATER POLLUTION PREVENTION PLAN.
- 26. SOILS ON SLOPES THAT ARE 3:1 OR STEEPER SHOULD BE ROUGHENED PER THE EPA'S NPDES SOIL ROUGHENING FACT SHEET IF THEY ARE TO BE SEEDED WITHIN 2 WEEKS OF DISTURBANCE. IF NOT, EROSION CONTROL BLANKETS SHOULD BE INSTALLED ON THESE SLOPES.

LAYOUT AND MATERIAL NOTES

OTHERWISE NOTED.

- THE FOLLOWING LAYOUT CRITERIA SHALL CONTROL UNLESS OTHERWISE NOTED ON THE PLAN:

 a. ALL TIES TO PROPERTY LINES ARE PERPENDICULAR TO THE PROPERTY LINE UNLESS
- b. DISTANCES AND DIMENSIONS ARE IN DECIMAL FEET.
- 2. SCREENED IMAGES SHOW EXISTING CONDITIONS. WHERE EXISTING CONDITIONS LIE UNDER OR ARE IMPINGED UPON BY PROPOSED BUILDINGS AND/OR SITE ELEMENTS, THE EXISTING CONDITION SHALL BE REMOVED, ABANDONED AND/OR CAPPED OR DEMOLISHED AS REQUIRED. AMBIGUITIES IN THE PLANS SHALL BE CLARIFIED BY THE ENGINEER OR SITE SUPERINTENDENT UPON WRITTEN REQUEST FOR CLARIFICATION BY THE SUBCONTRACTOR.

GRADING AND UTILITY NOTES

- 1. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE APPLICANT. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES.
- THE PROJECT APPLICANT SHALL OBTAIN ALL NECESSARY STREET—OPENING PERMITS, WATER AND SEWER CONNECTION PERMITS AND PAY REQUIRED FEES PRIOR TO COMMENCING WORK ON THESE UTILITIES.
- 3. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY COORDINATION WITH THE TOWN OF ARLINGTON.
- 4. ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF ALL GAS, ELECTRIC, TELEPHONE, AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES SHALL BE MADE BY THE PROJECT APPLICANT.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- 6. WHERE PROPOSED GRADES MEET EXISTING GRADES, SUBCONTRACTOR(S) SHALL BLEND GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK. PONDING AT TRANSITION AREAS WILL NOT BE ALLOWED.
- 7. POSITIVE DRAINAGE SHALL BE MAINTAINED AWAY FROM ALL STRUCTURES.
- 8. SUBCONTRACTOR(S) SHALL VERIFY EXISTING GRADES AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES.
- 9. PRIOR TO ANY WORK OVER EXISTING TOWN-OWNED UTILITIES, CONTRACTOR TO EVALUATE CONDITION OF SUBSURFACE UTILITIES PRIOR TO CONSTRUCTION. A POST-CONSTRUCTION EVALUATION SHALL ALSO BE PERFORMED TO IDENTIFY ANY DAMAGE CAUSED DURING CONSTRUCTION.
- 10. ANY INSTALLATION OF UTILITY POLES OR UNDERGROUND CONDUIT WITHIN THE PUBLIC RIGHT-OF-WAY WILL REQUIRE A GRANT OF LOCATION FROM THE BOARD OF SELECTMEN.

PLANTING NOTES

- 1. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING AND SHALL CONTINUE UNTIL FINAL WRITTEN ACCEPTANCE OF PLANT MATERIAL.
- . MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS AND STRUCTURES.
- 3. MAXIMUM SLOPE WITHIN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
- 4. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE PLANTINGS SHOWN ON THE DRAWINGS.
- 5. MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
- 6. PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISH GRADE AS TO ORIGINAL GRADES BEFORE DIGGING.
- 7. PLANTS SHALL BE BALLED IN BURLAP OR CONTAINERIZED.
- 8. AREAS PLANTED WITH EVERGREEN TREES SHALL BE COVERED WITH A MINIMUM 3" OF MULCH. MULCH FOR PLANTED AREAS TO BE AGED PINE BARK: PARTIALLY DECOMPOSED, DARK BROWN IN COLOR AND FREE OF WOOD CHIPS THICKER THAN 1/4 INCH.
- 9. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE (1) FULL YEAR FROM DATE OF ACCEPTANCE.
- 10. PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT, AT THE NURSERY, AND AT THE SITE.
- 11. PLANT SPECIES AS INDICATED IN THE PLANT LIST ARE SUGGESTIONS ONLY. FINAL SELECTION OF SPECIES SHALL OCCUR AT THE TIME OF PLANT PURCHASE, DEPENDING ON AVAILABILITY. PLANT SIZE AND QUANTITY SHALL NOT CHANGE WITHOUT APPROVAL OF LANDSCAPE ARCHITECT. ANY CHANGES TO PLANT SPECIES SHALL BE REVIEWED AND APPROVED BY A REPRESENTATIVE OF THE ARLINGTON CONSERVATION COMMISSION PRIOR TO PURCHASE.

COMPREHENSIVE PERMIT NOTES

CONTRACTOR REQUIRED TO ABIDE BY THE 'DECISION ON APPLICATION FOR COMPREHENSIVE PERMIT' ISSUED ON NOVEMBER 22, 2021 WITH SPECIFIC ATTENTION BROUGHT TO THE FOLLOWING CONDITIONS.

- D.15 BURNING OR BURIAL OF CONSTRUCTION OR DEMOLITION DEBRIS ON THE SITE IS STRICTLY PROHIBITED. ALL SUCH MATERIALS ARE TO BE REMOVED FROM THE SITE IN ACCORDANCE WITH APPLICABLE LAW. DURING CONSTRUCTION, THE SITE SHALL BE SECURED AGAINST UNAUTHORIZED ENTRY OR VANDALISM BY FENCING, OR OTHER APPROPRIATE MEANS, AND ALL CONSTRUCTION MATERIALS SHALL BE STORED OR STOCKPILED ON SITE IN A SAFE MANNER. ANY FLOODLIGHTS USED DURING THE CONSTRUCTION PERIOD SHALL BE LOCATED AND DIRECTED SO AS TO PREVENT SPILLOVER OR ILLUMINATION ONTO ADJACENT PROPERTIES. ALL CONSTRUCTION ACTIVITIES ARE TO BE CONDUCTED IN A WORKMANLIKE MANNER.
- D.16 NO BUILDING AREAS SHALL BE LEFT IN AN OPEN, UNSTABILIZED CONDITION LONGER THAN SIXTY (60) DAYS. TEMPORARY STABILIZATION SHALL BE ACCOMPANIED BY HAY BALES, HAY COVERINGS OR MATTING. FINAL STABILIZATION SHALL BE ACCOMPLISHED BY LOAMING AND SEEDING EXPOSED AREAS
- D.17 ALL DUMPSTERS SERVING THE PROJECT SHALL BE ENCLOSED AND COVERED (WITH THE EXCEPTION OF CONSTRUCTION DUMPSTERS USED DURING CONSTRUCTION). THE BOARD SHALL REVIEW THE DUMPSTER LOCATION AS PART OF THE APPROVAL OF THE FINAL PLANS IF DIFFERENT FROM WHAT HAS BEEN SHOWN ON THE APPROVED PLANS.
- H.2 ALL WATER AND SEWER INFRASTRUCTURE SHALL BE INSTALLED IN CONFORMANCE WITH THE ARLINGTON WATER AND SEWER DIVISION'S TECHNICAL REQUIREMENTS. THE APPLICANT SHALL PROVIDE THE ARLINGTON WATER AND SEWER DIVISION WITH CALCULATIONS TO ENSURE THE DISTRIBUTION SYSTEM FOR THE AREA HAS THE NECESSARY CAPACITY TO MEET SYSTEM DEMAND REQUIRED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- I.1 PRIOR TO COMMENCEMENT OF SITE CLEARING, PREPARATION, AND CONSTRUCTION, EROSION CONTROL MEASURE SHALL BE INSTALLED CONSISTENT WITH THE APPROVED PLANS.
- I.3 NO UNCOVERED STOCKPILING OF EARTHEN AND/OR CONSTRUCTION—RELATED MATERIALS SHALL BE PERMITTED WITHIN THE ONE HUNDRED FOOT (100') WETLAND BUFFER ZONE (ALSO REFERENCED LOCALLY AS ADJACENT UPLAND RESOURCES AREA ("AURA")) OR OTHER RESOURCE AREAS.
- I.4 NO HEAVY EQUIPMENT MAY BE STORED OVERNIGHT WITHIN THE FIFTY FEET (50') OF BORDERING OR ISOLATED VEGETATED WETLAND RESOURCE AREAS, AND NO REFUELING OR MAINTENANCE OF MACHINERY OR VEHICLES SHALL BE ALLOWED WITHIN THE ONE HUNDRED FOOT (100') BUFFER ZONE, AURA, OR WITHIN ANY BORDERING OR ISOLATED VEGETATED WETLAND RESOURCE AREA OR BORDERING LAND SUBJECT TO FLOODING (BLSF).
- THERE SHALL BE NO DUMPING OF WOODY VEGETATION, LEAVES, GRASS CLIPPINGS, BRUSH, OR OTHER DEBRIS INTO A WETLAND RESOURCE AREA OR ASSOCIATED BUFFER ZONES. DUMPING OF SNOW INTO A WETLAND RESOURCE AREA IS ALSO PROHIBITED AND SHALL COMPLY WITH THE CURRENT MASS DEP BUREAU OF WATER RESOURCES SNOW REMOVAL GUIDANCE. THE FOREGOING DOES NOT APPLY TO THE CLEAN SNOW REMOVED FROM THE EMERGENCY ACCESS ROAD AS LONG AS NO SAND OR NON-APPROVED DE-ICING MATERIALS ARE USED, AND THE SNOW IS CLEAR OF ALL FOREIGN DEBRIS. AN ALTERNATIVE DE-ICING PRODUCT SUCH AS MAGNESIUM CHLORIDE (MgCI) MAY BE USED AS RECOMMENDED IN THE WINTER PARKING LOT AND SIDEWALK MAINTENANCE MANUEL PUBLISHED BY THE MINNESOTA POLLUTION CONTROL AGENCY,

- I.6 THE APPLICANT SHALL HIRE A QUALIFIED ENVIRONMENTAL MONITOR WHO WILL REPORT TO THE BOARD AND WILL BE ON—SITE AS PROJECT CONSTRUCTION ADVANCES. THE ENVIRONMENTAL MONITOR SHALL SUBMIT AN ELECTRONIC REPORT TO THE BOARD WEEKLY DURING SITE PREPARATION WORK WITHIN THE ONE HUNDRED FOOT (100') BUFFER ZONE TO VEGETATED WETLANDS, INCLUDING AN UPDATE ON THE FUNCTIONALITY AND CONDITION OF THE EROSION CONTROL MEASURES, UNTIL SUCH TIME THAT THE SITE IS STABILIZED. THE APPLICANT SHALL PROVIDE THE BOARD WITH THE NAME(S), ADDRESS(ES) AND TELEPHONE NUMBER(S) OF THE ENVIRONMENTAL MONITOR PRIOR TO THE START OF WORK.
- WHILE ACTIVE CONSTRUCTION WORK IN UNDERWAY WITHIN THE ONE HUNDRED FOOT (100') BUFFER ZONE, AND DURING THE CREATION OF THE FLOODPLAIN COMPENSATION AREA INCLUDING REMOVAL OF VEGETATION INCLUDING INVASIVE SPECIES, FINAL GRADE ESTABLISHMENT, CREATION OF SOIL PROFILE TO SUPPORT PROPOSED PLANT SPECIES, AND RESTORATION OF A DIVERSIFIED PLANT COMMUNITY, THE ENVIRONMENTAL MONITOR SHALL PROVIDE MONTHLY STATUS REPORTS TO THE BOARD TO CONFIRM THAT ALL ACTIVITIES ARE SUBSTANTIALLY IN COMPLIANCE WITH THE COMPREHENSIVE PERMIT AND ORDER OF CONDITIONS ISSUED BY THE ARLINGTON CONSERVATION COMMISSION. THE ZBA MAY REDUCE THE FREQUENCY OF INSPECTIONS OR REPORTS AS DEEMED APPROPRIATE. THE QUALIFIED ENVIRONMENTAL MONITOR SHALL ALSO SUBMIT AN ELECTRONIC REPORT WITHIN SEVEN DAYS AFTER EVERY RAIN EVENT EXCEEDING 0.5 INCHES OF RAIN IN A 24—HOUR PERIOD TO THE BOARD REGARDING THE CONDITION OF THE PROPERTY DURING AND AFTER THE RAIN EVENT. SUCH REPORT SHALL ALSO INCLUDE THE STATUS OF EROSION CONTROL MEASURES AND ANY ADDITIONAL MEASURES TO ADDRESS STORMWATER MANAGEMENT CAUSED BY SAID RAIN EVENT. THE QUALIFIED ENVIRONMENTAL MONITOR WILL ALSO REVIEW THE APPLICANT'S SWPPP INSPECTION REPORT, AS APPROPRIATE AND NECESSARY.
- I.8 ALL WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN. WITHIN ONE WEEK OF FINAL GRADING, WEATHER PERMITTING, ALL DISTURBED AREAS LOCATED WITHIN THE WETLAND RESOURCE AREAS AND BUFFER ZONES SHALL BE STABILIZED AGAINST EROSION. THIS SHALL BE DONE EITHER BY SODDING OR BY LOAMING, SEEDING AND MULCHING ACCORDING TO SOIL CONSERVATION SERVICE STANDARDS AND THE APPROVED PLANS. STABILIZATION WILL BE COMPLETED WHEN THE SURFACE SHOWS COMPLETE VEGETATIVE COVER. TEMPORARY STABILIZATION MEASURES APPROVED BY THE BOARD'S INSPECTIONAL ENGINEER WILL BE REQUIRED SHOULD WORK BE INTERRUPTED FOR MORE THAN TEN (10) DAYS.
- THE APPLICANT, SUCCESSOR OR ASSIGNS SHALL ENSURE THE CLEANLINESS OF ALL CATCH BASINS AND ROADWAY AFFECTED BY THE PROJECT RELATED ACTIVITY. ALL CATCH BASINS WILL BE PROTECTED BY A "SILT BAG INLET PROTECTION" DEVICE OR EQUAL DURING THE PROJECT WORK PERIOD. THE APPLICANT SHALL INSPECT AND CLEAN AS NECESSARY, ALL CATCH BASINS AND SWEEP THE ROADWAY AT LEAST WEEKLY DURING CONSTRUCTION. IT MAY BE REQUIRED MORE FREQUENTLY DURING AND AFTER RAIN EVENTS. IF IT IS DEEMED NECESSARY TO REMOVE THE SILT BAG INLET PROTECTION TO PREVENT LOCALIZED FLOODING AND PUBLIC SAFETY CONCERNS, THE APPLICANT SHALL NOTIFY THE BOARD AND ARLINGTON DPW AND ALSO THE QUALIFIED ENVIRONMENTAL MONITOR.
- I.11 THE BOARD OR ITS DULY APPOINTED AGENT (WHICH MAY BY THE TOWN CONSERVATION AGENT ACTING ON BEHALF OF THE BOARD) SHALL HAVE THE RIGHT TO ENTER THE PROPERTY FOR INSPECTIONS AND EVALUATE COMPLIANCE WITH THE WETLANDS CONDITIONS CONTAINED HEREIN UPON REASONABLE NOTICE OF NOT LESS THAN TWENTY—FOUR (24) HOURS. ACCESS SHALL BE ALLOWED WITHOUT THE NEED FOR ADVANCED NOTICE IN EMERGENCY SITUATIONS WHEN NECESSARY TO PREVENT IMMINENT HARM TO WETLANDS RESOURCE AREAS.
- I.14 PRIOR TO ANY WORK COMMENCING ON—SITE, THE APPLICANT SHALL SUBMIT TO THE BOARD PROOF THAT A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERAL PERMIT IS ACTIVE FOR THE PROJECT.
- I.15 COPIES OF ALL INFORMATION AND ALL REQUIRED REPORTS REGARDING A US EPA NPDES PERMIT AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE FORWARDED TO THE BOARD VIA ELECTRONIC COPY.
- I.19 THE APPLICANT SHALL RETAIN A QUALIFIED PROFESSIONAL ENGINEER TO OVERSEE THE INSTALLATION IF THE STORMWATER SYSTEM. A STORMWATER MITIGATION REPORT SHALL BE SUBMITTED TO THE BOARD WITHIN TEN (10) DAYS OF THE COMPLETION OF THE INSTALLATION OF THE STORMWATER MANAGEMENT SYSTEM. SUCH STORMWATER MITIGATION REPORT SHALL INCLUDE AS—BUILT PLANS, PHOTOGRAPHS FROM INSTALLATION, AND A WRITTEN SUMMARY OF THE INSTALLATION OF THE STORMWATER MANAGEMENT SYSTEMS, AS WELL AS STORMWATER BEST MANAGEMENT PRACTICES (POROUS PAVEMENT, RAIN GARDENS, AND SIMILAR ELEMENTS THROUGHOUT THE PROPERTY).
- I.20 THE APPLICANT SHELL TREAT PLANTED AREAS WITHIN RESOURCE AREAS AND BUFFER ZONES ONLY WITH SLOW RELEASE NITROGEN FERTILIZER ONCE DURING THE INITIAL PLANTING YEAR. APPLICATION OF THIS FERTILIZER IS NOT PERMITTED WITHIN TWO DAYS BEFORE AND AFTER STORM EVENTS. LAWN FERTILIZER MAY ONLY BE APPLIED TWICE PER YEAR, ONCE IN THE SPRING AND ONCE IN THE FALL, WITH THE EXCEPTION OF THE INITIAL PLANNING YEAR. THIS SHALL BE A CONTINUING CONDITION IN PERPETUITY THAT SURVIVES THE EXPIRATION OF THIS PERMIT.
- I.21 THE APPLICATION OF PLANT NUTRIENTS SHALL COMPLY WITH 330 CMR 31.00. NO OTHER HERBICIDES OR TREATMENT METHODS MAY BE UTILIZED ON THE PROPERTY UNLESS APPROVED AS PART OF THE APPROVED INVASIVE SPECIES MANAGEMENT PLAN. NO PESTICIDES OR RODENTICIDES SHALL BE USED TO TREAT PEST MANAGEMENT ISSUES WITHIN RESOURCE AREAS. THIS SHALL BE A CONTINUING CONDITION IN PERPETUITY THAT SURVIVES THE EXPIRATION OF THIS PERMIT.
- I.22 EXCEPT AS SPECIFICALLY NOTED IN CONDITION i.5, THE APPLICATION OF SAND AND/OR SALT WITHIN THE ONE HUNDRED FEET (100') OF RESOURCE AREA IS PROHIBITED.

1.23 THE APPLICANT SHALL CONDUCT A THOROUGH CATCH BASIN SUMP CLEANING AT ALL PROTECTED

- CATCH BASINS AT THE END OF CONSTRUCTION OF THE PROJECT.

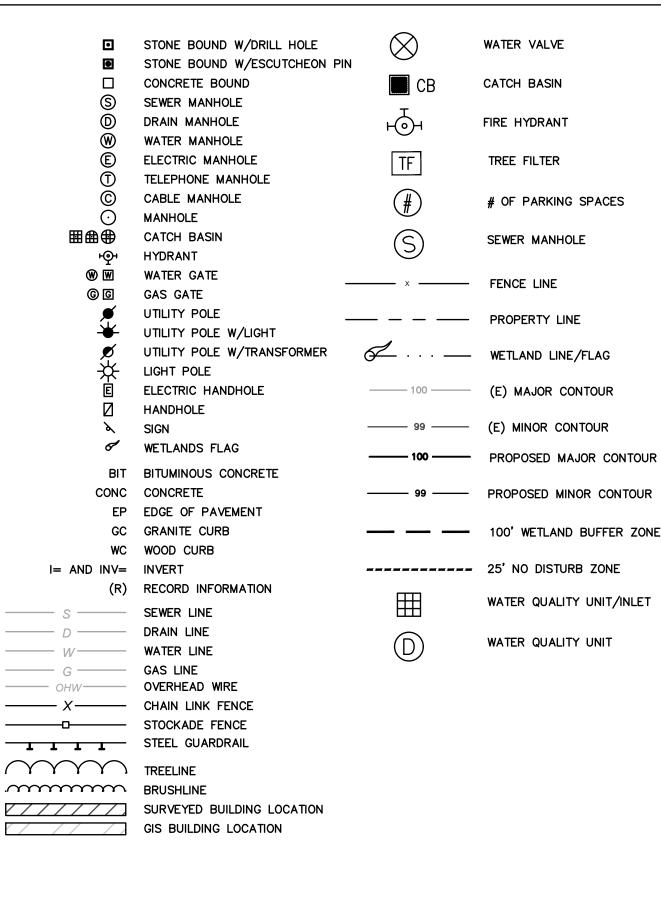
 I.25 ALL PLANT SPECIES PLANTED AND INVASIVE SPECIES REMOVED THROUGH THE PROJECT SHALL BE MONITORED FOR THREE YEARS. A SURVIVAL RATE OF EIGHTY PERCENT (80%) MUST BE MAINTAINED FOR THE APPROVED PLANTING AT THE END OF THE THIRD YEAR OF MONITORING. IF THE SURVIVAL RATE IS LESS THAN EIGHTY PERCENT (80%) AFTER THE END OF THE THIRD YEAR, THE APPLICANT MUST SUBMIT PROPOSED RECOMMENDATIONS FOR REPLACEMENT TO THE BOARD FOR ITS REVIEW AND ADMINISTRATIVE APPROVAL. A MONITORING REPORT SHALL BE SUBMITTED ANNUALLY IN JUNE FOR EACH OF THE YEARS IN THE THREE—YEAR MONITORING PERIOD, REPORTING ON THE HEALTH
- AND ADMINISTRATIVE APPROVAL. A MONITORING REPORT SHALL BE SUBMITTED ANNUALLY IN JUNE FOR EACH OF THE YEARS IN THE THREE—YEAR MONITORING PERIOD, REPORTING ON THE HEALTH OF THE NEW PLANTINGS AND THE SUCCESS OF THE INVASIVE PLANT MANAGEMENT. THE APPLICANT SHALL SUBMIT THE CONTACT INFORMATION OF THE PARTY RESPONSIBLE FOR MONITORING AND MAINTAINING THE PLANTED VEGETATION TO THE ZBA. SHOULD ANY CHANGES BY MADE TO THIS PARTY, THE ZBA SHALL BE NOTIFIED. THIS SHALL BE A CONTINUING CONDITION IN PERPETUITY THAT SURVIVES THE EXPIRATION OF THIS PERMIT.
- I.26 NO WORK SHALL BE ALLOWED IN OR WITHIN TWENTY—FIVE FEET (25') OF ANY RESOURCES AREA EXCEPT AS SHOWN ON THE APPROVED PLANS.
- I.27 NO DISTURBANCES SHALL BE ALLOWED IN OR WITHIN FIFTY FEET (50') OF ANY RESOURCE AREA, EXCEPT AS SHOWN ON THE APPROVED PLANS.
 I.30 ANY BUILDING OR SITE DEWATERING OPERATIONS SHALL CONFORM TO THE FOLLOWING:
- THE APPLICANT SHALL NOTIFY THE CONSERVATION COMMISSION AND DPW THAT DEWATERING IS REQUIRED PRIOR TO COMMENCING ANY DEWATERING OPERATIONS.
 ANY CATCH BASINS, DRAINS, AND OUTFALLS TO BE USED IN DEWATERING OPERATIONS SHALL
- BE CLEANED OUT BEFORE OPERATIONS BEGIN.

 3. ANY WATER DISCHARGING AS PART OF ANY DEWATERING OPERATION SHALL BE PASSED
 THROUGH FILTERS ON SITE SETTING PASSES OF THE PROPERTY O
- THROUGH FILTERS, ON—SITE SETTLING BASINS, SETTLING TANK TRUCKS, OR OTHER DEVICES TO ENSURE THAT NO OBSERVABLE SEDIMENTS OR POLLUTANTS ARE CARRIED INTO ANY RESOURCE AREA, STREET, DRAIN, OR ADJACENT PROPERTY. FILTERING IS ESSENTIAL TO REMOVE ANY AUTOMOTIVE POLLUTANTS FROM THE WATER PRIOR TO DISCHARGE.
- 4. MEASURES SHALL BETAKEN TO ENSURE NO EROSION OR SCOURING SHALL OCCUR ON PUBLIC OR PRIVATE PROPERTY, OR ON THE BANKS OR BOTTOMS OF WATER BODIES, AS A RESULT OF DEWATERING OPERATIONS. DISCHARGES ARE TO BE SET BACK AT LEAST FIFTY FEET (50') FROM BVW AND IVW.
- 5. DEWATERING SHALL NOT TAKE PLACE IN ANY MANNER THAT LEADS TO WATER BEING DISCHARGES OR ALLOWED TO FLOW ONTO PROPERTY NOT UNDER THE CONTROL OF THE APPLICANT WITHOUT THE EXPRESS WRITTEN CONSENT OF THAT PROPERTY OWNER.

ABBREVIATIONS

BC BIT CONC BVW CB CB/DH CLF DIP DMH	BOTTOM OF CURB BITUMINIOUS CONCRETE BORDERING VEGETATED WETLANDS CATCH BASIN CONC. BOUND/DRILL HOLE CHAIN LINK FENCE DUCTILE IRON PIPE DRAIN MANHOLE
ECB	EROSION CONTROL BARRIER
FES	FLARED END SECTION
FH	FIRE HYDRANT
FOC	FACE OF CURB
FD	FOUND
GG	GAS GATE
HW ILSF	HEADWALL ISOLATED LAND SUBJECT TO FLOODING
IP	IRON PIPE
ISW	ISOLATED WETLANDS
LA	LANDSCAPED AREA
LOW	LIMIT OF WORK
N/F	NOW OR FORMERLY
NTS	NOT TO SCALE
OCS	OUTLET CONTROL STRUCTURE
PCC	PRECAST CONCRETE CURB RETAINING WALL
RW RCP	REINFORCED CONCRETE PIPE
SLC	STREET LIGHT CIRCUIT
SMH	SEWER MANHOLE
TC	TOP OF CURB
TEL	TELEPHONE CABLE
VGC	VERTICAL GRANITE CURB
WG	WATER GATE

LEGEND







DECIDUOUS TREES



ISSUED FOR PERMITTING NOT FOR CONSTRUCTION



PROFESSIONAL ENGINEER

THORNDIKE PLACE NOTICE OF INTENT

DOROTHY ROAD

ARLINGTON MASSACHUSETTS

(MIDDLESEX COUNTY)

GENERAL NOTES
AND LEGEND

SEPTEMBER 6, 2023

REVISIONS:				
NO.	DATE	DESC.		
1	02/07/24	REV. PLANTING NOTE 11		

PREPARED FOR:

ARLINGTON LAND REALTY, LLC 84 SHERMAN STREET, 2ND FLOOR CAMBRIDGE, MA



Boston, Massachusetts 02127 617 896 4300

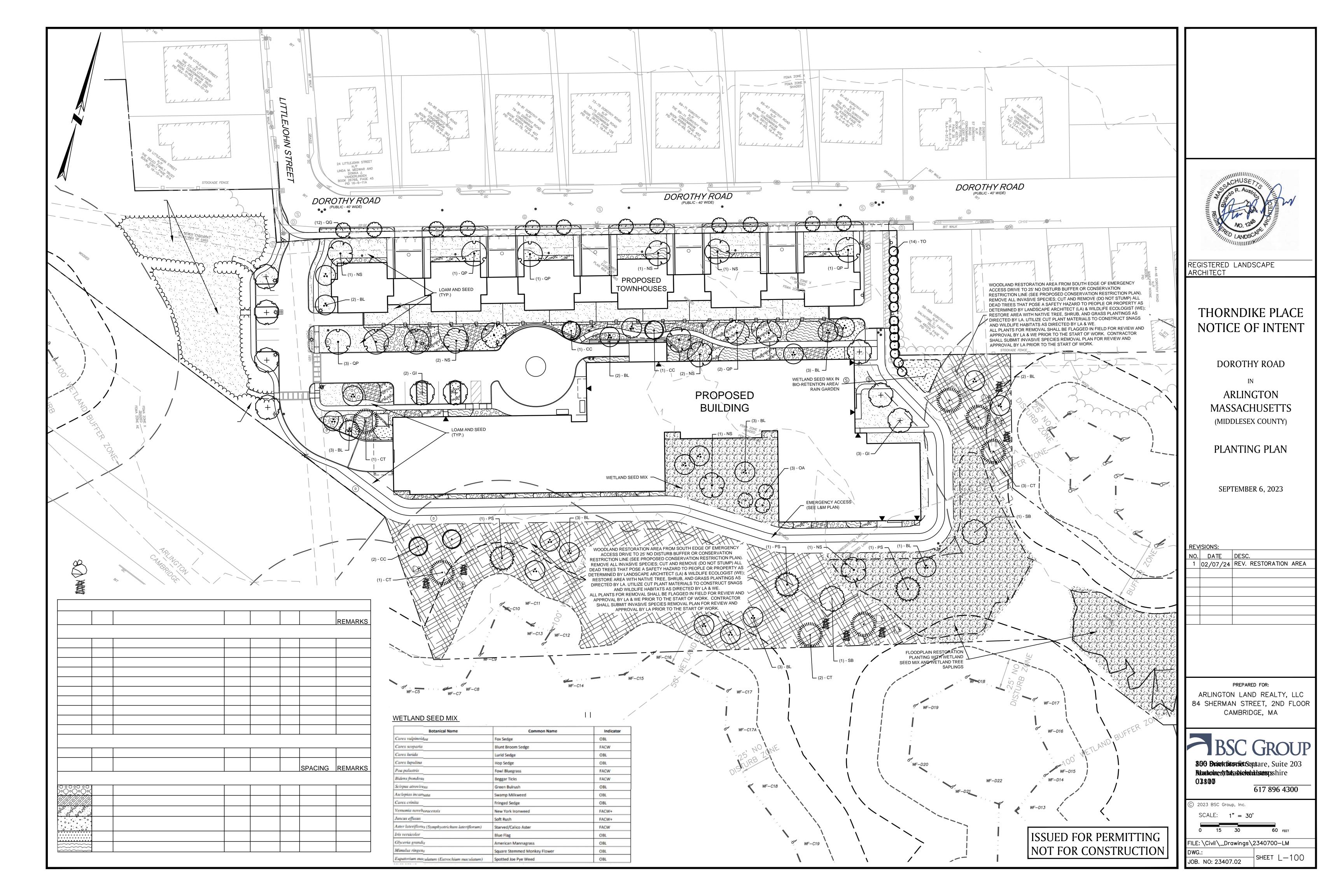
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SCALE: NONE

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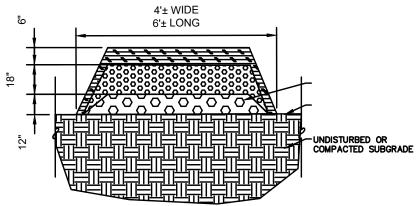
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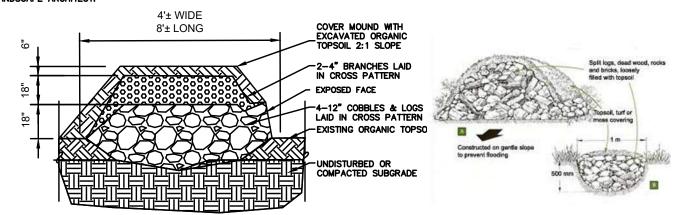
NOTES:
THICKET BRUSH PILE SHALL CONSIST OF WOODY MATERIAL CLEARED FROM THE SITE CUT TO SIZE AND PLACED AS DIRECTED.
BRUSH MAY NOT INCLUDE INVASIVE WEED SEED. REVIEW MATERIAL TO BE SET ASIDE FOR BRUSH PILE WITH DOT WETLAND
SPECIALIST OR LANDSCAPE ARCHITECT.
LOCATIONS OF WILDLIFE HABITATS WILL BE CONFIRMED BY LANDSCAPE ARCHITECT ON SITE.





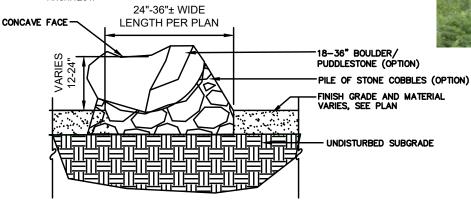
HABITAT: BRUSHY THICKET — BRUSH PILE
SCALE: NONE

NOTES:
HIBERNACULA SHALL CONSIST OF STONE & WOODY MATERIAL CLEARED FROM THE SITE CUT TO SIZE AND PLACED AS DIRECTED.
BRUSH MAY NOT INCLUDE INVASIVE WEED SEED. REVIEW MATERIAL TO BE SET ASIDE FOR BRUSH PILE WITH WETLAND SPECIALIST OR LANDSCAPE ARCHITECT.



HABITAT: HIBERNACULA — EARTH, STONE, WOOD PILE

NOTES:
COBBLES SHALL BE ROUNDED FIELD STONE 12" MAX. DIA. 3" MIN. DIA.
THE CONTRACTOR MAY UTILIZE STONE REMOVED FROM THE CONSTRUCTION
EXCAVATIONS FOR USE IN HABITAT COBBLE PILE.
PLACE COBBLE PILES AS DIRECTED BY THE DOT WETLAND SPECIALIST OR LANDSCAPE
ARCHITECT.



HABITAT COBBLE PILE BANK PUDDLE STONE
SCALE: NONE