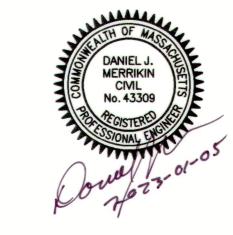
2 MARC ROAD

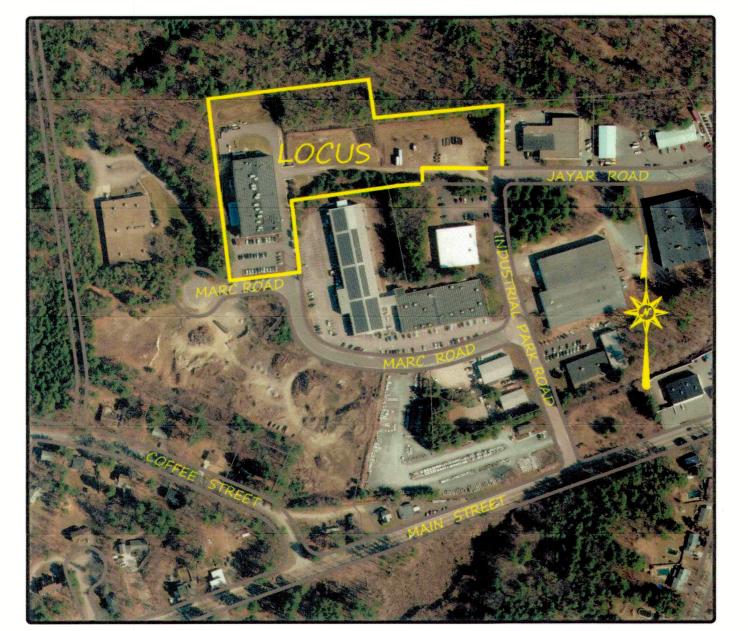
SITE PLAN OF LAND IN MEDWAY, MASSACHUSETTS

FEBRUARY 28, 2022

Latest Revision: December 28, 2022



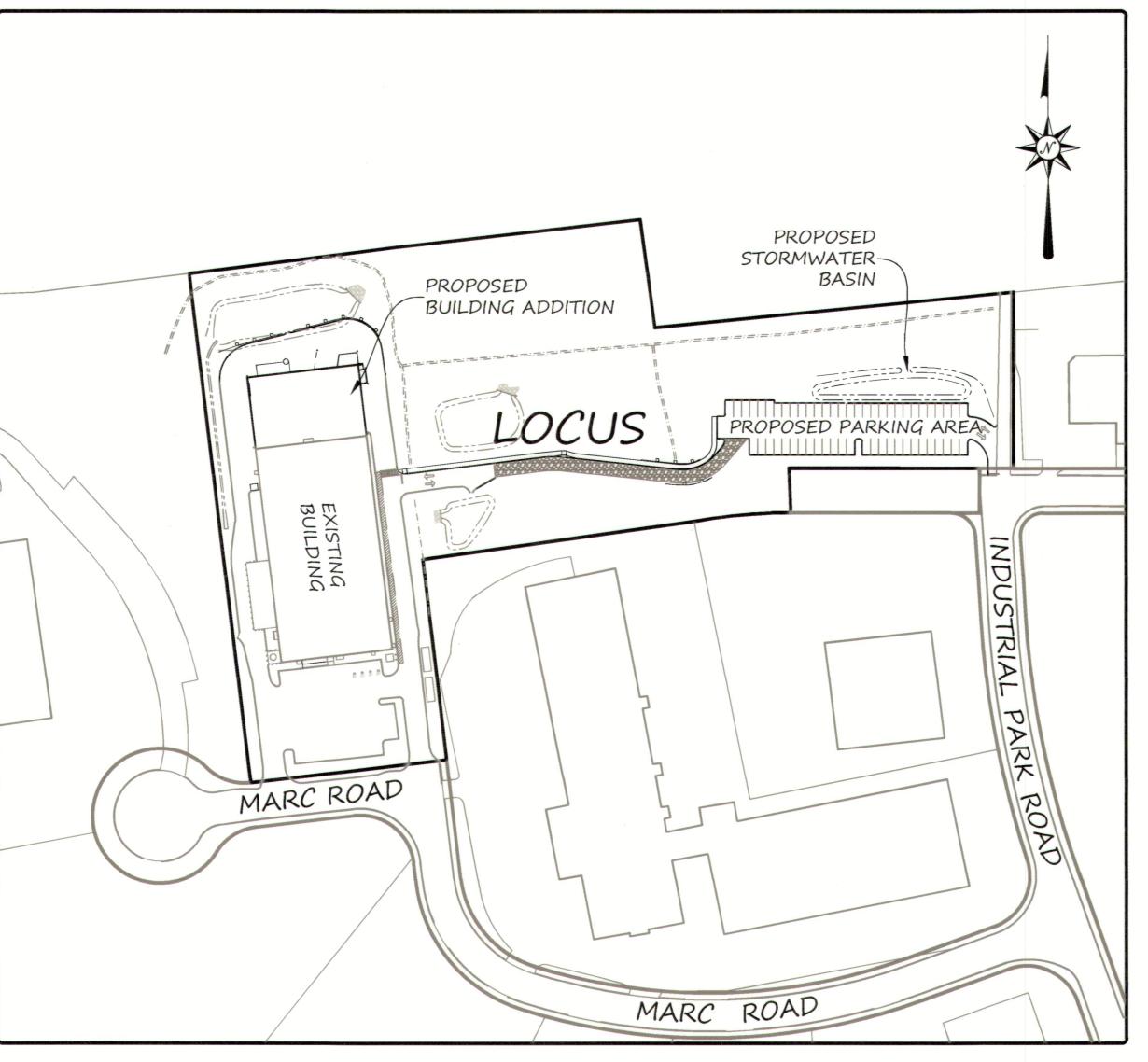
PREPARED FOR: 2 MARC ROAD LLC 730 MAIN STREET MILLIS, MA 02054



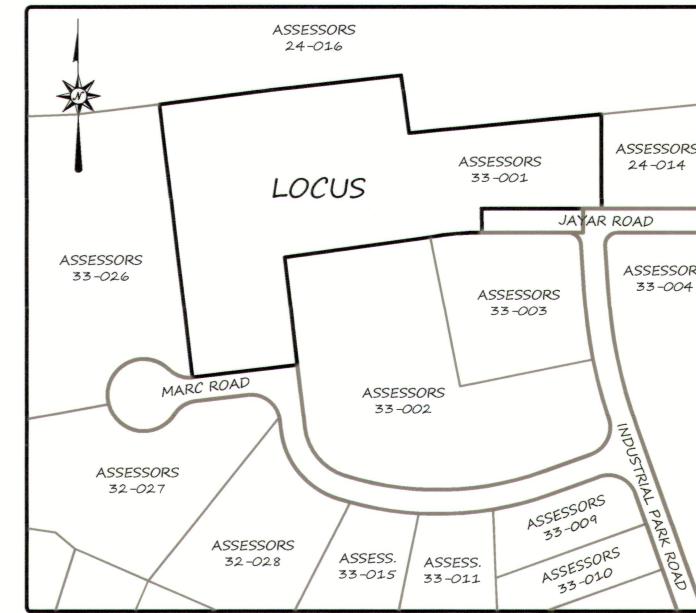
PREPARED BY:

MERRIKIN ENGINEERING, LLP 730 MAIN STREET, SUITE 2C MILLIS, MA 02054

2019 MASSGIS AERIAL LOCUS SCALE: 1" = 300'



LOCUS SCALE: 1" = 100'



ASSESSORS LOCUS SCALE: 1" = 200"

SITE ADDRESS: 2 MARC ROAD

MAP AND PARCEL: MAP 33, PARCEL 001

MILLIS, MA 02054

508-376-2041

ZONING CLASSIFICATION: EAST INDUSTRIAL

OVERLAY DISTRICTS: GROUNDWATER PROTECTION DISTRICT

OWNER & APPLICANT: 2 MARC ROAD LLC ELLEN ROSENFELD 730 MAIN STREET, SUITE 2A

BOOK 40331 PAGE 234

DATE APPROVAL ISSUED: 11-22-2022

PLAN ENDORSEMENT DATE: 1-10-2023



I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

I CERTIFY THAT THIS SURVEY AND PLAN CONFORMS TO THE ETHICAL, PROCEDURAL AND TECHNICAL STANDARDS IN THE COMMONWEALTH OF MASSACHUSETTS.

I HEREBY CERTIFY THAT THE PROPERTY LINES SHOWN ON THIS PLAN ARE THE LINES DIVIDING EXISTING OWNERSHIPS, AND THE LINES OF THE STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED, AND THAT NO NEW LINES FOR DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN.

REGISTERED & AND SURVEYOR

730 MAIN STREET SUITE 2C MILLIS, MA 02054 508-376-8883(o)



APPROVED WAIVERS:

- S.204-5.C.3: NOT TO HAVE TO INCLUDE AN "EXISTING LANDSCAPE INVENTORY" PREPARED BY A PROFESSIONAL LANDSCAPE ARCHITECT.
- 2. S.204-5.D.8.a: NOT REQUIRE THE SUBMISSION OF A LANDSCAPE
- S207-11.B.2: TO ALLOW CAPE COD BERM ACROSS THE SITE. 4. S.207-19.C.1.a: TO NOT REQUIRE 10% OF INTERNAL PARKING AREA TO BE LANDSCAPED.
- 5. S.207-19.C.1.c: TO NOT REQUIRE PARKING AISLES EXCEEDING 25 SPACES TO HAVE LANDSCAPED ISLANDS. S.207-19.E: TO NOT REQUIRE LANDSCAPING AROUND THE PROPOSED BASIN.

PREVIOUS APPROVALS:

- 1. SPECIAL PERMITS AND SITE PLAN DECISION, JUNE 28, 2016 1.1. DEED BOOK 34328 PAGE 450, PLAN BOOK 650 PAGE 96 2. SPECIAL PERMIT DECISION, FEBRUARY 26, 2019
- 2.1. DEED BOOK 36679 PAGE 81
- 3. SPECIAL PERMIT MODIFICATION, JANUARY 14, 2020 3.1. DEED BOOK 37927 PAGE 175, PLAN BOOK 692 PAGE 22

MEDWAY PLANNING & ECONOMIC DEVELOPMENT BOARD SHEET C-O: COVER

SHEET C-1: EXISTING CONDITIONS SHEET C-2: EROSION CONTROL

SHEET C-3: LAYOUT SHEET C-4: GRADING & UTILITY

SHEET C-5: LIGHTING SHEET C-6: O&M PLAN

SHEET C-7: DETAIL SHEET C-8: DETAIL

PLAN INDEX

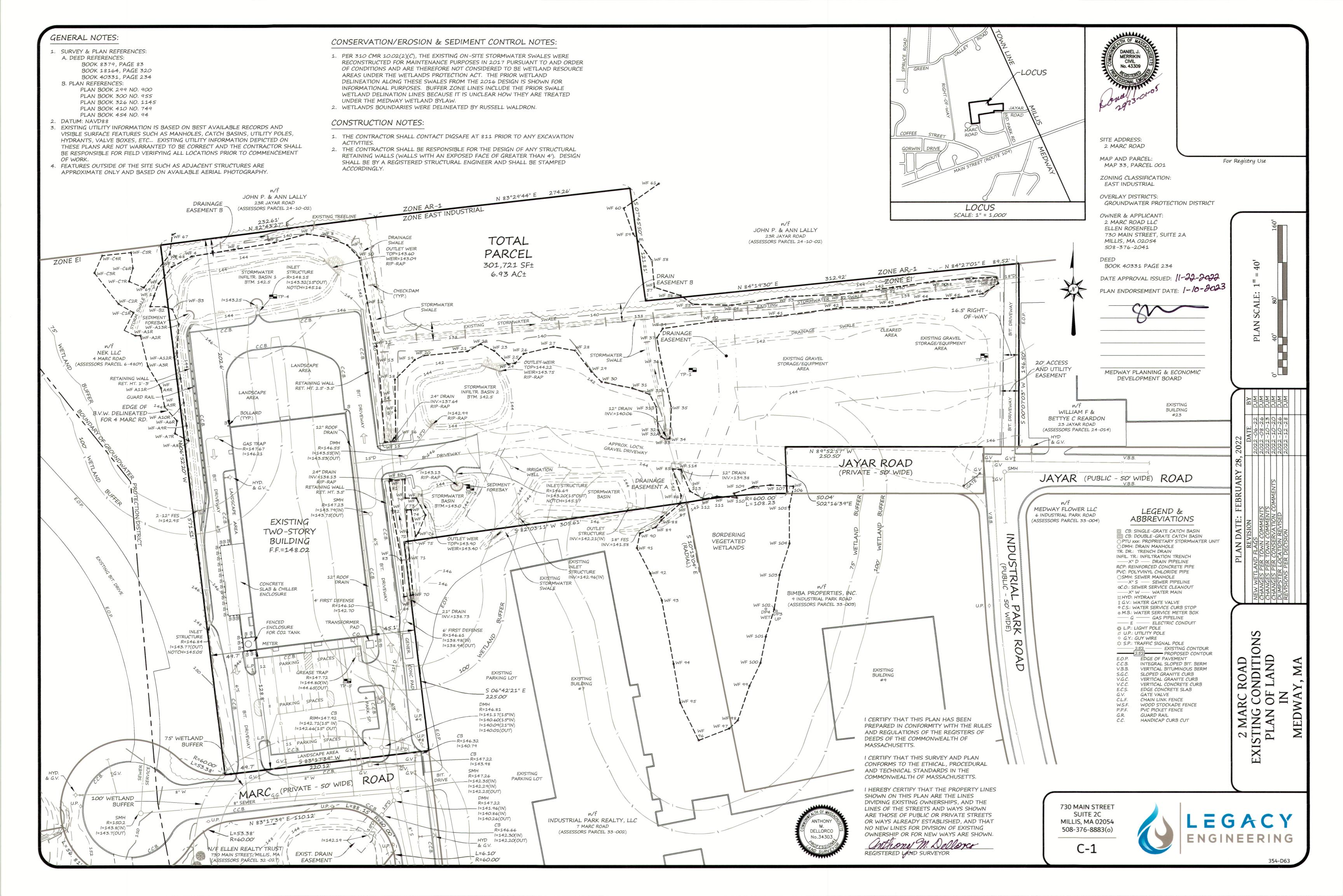
SHEET C-9: DETAIL SHEET A1.0: FIRST FLOOR PLAN SHEET A1.2: SECOND FLOOR PLAN

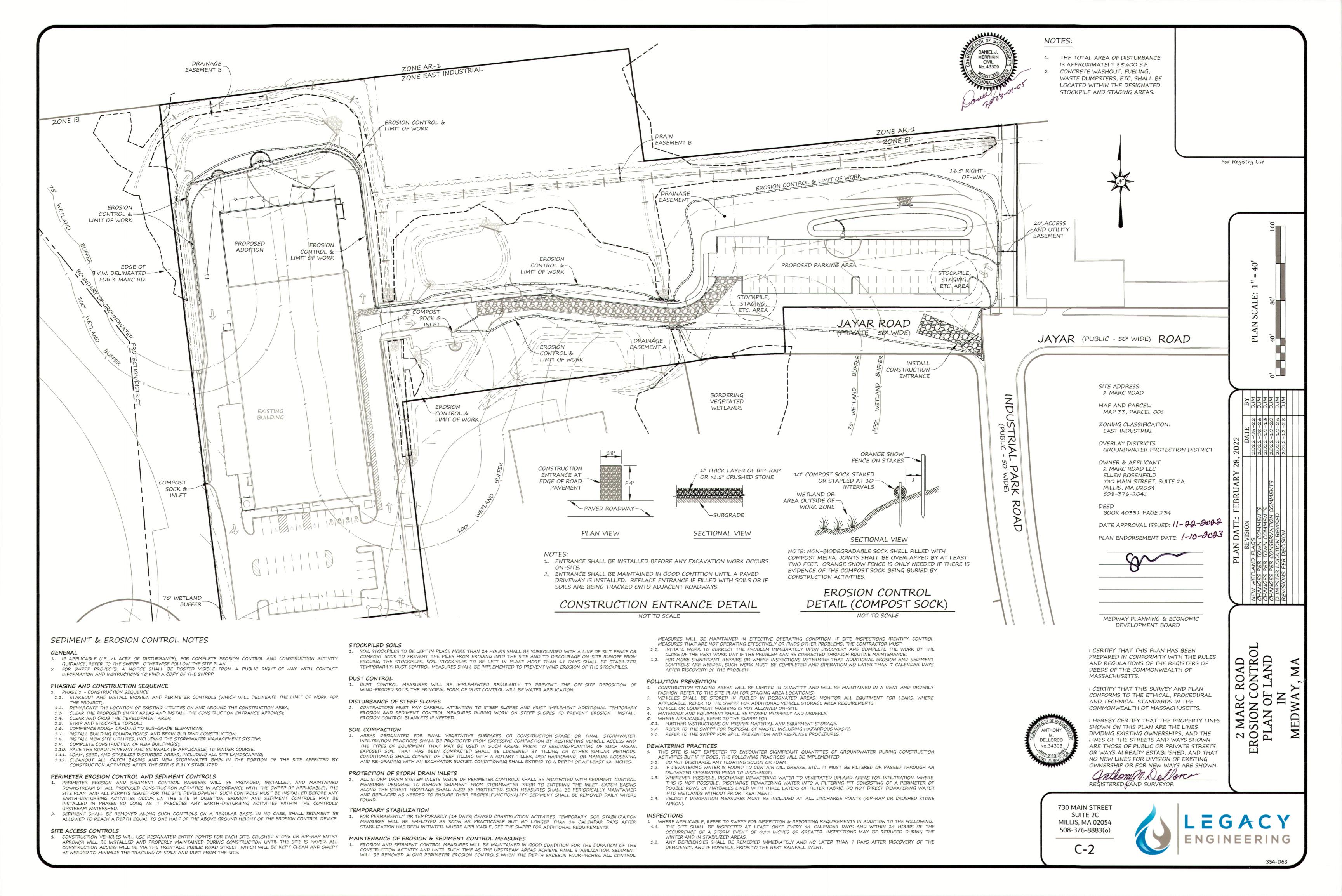
SHEET A4.0: EXTERIOR ELEVATIONS SHEET A4.1: RENDERINGS

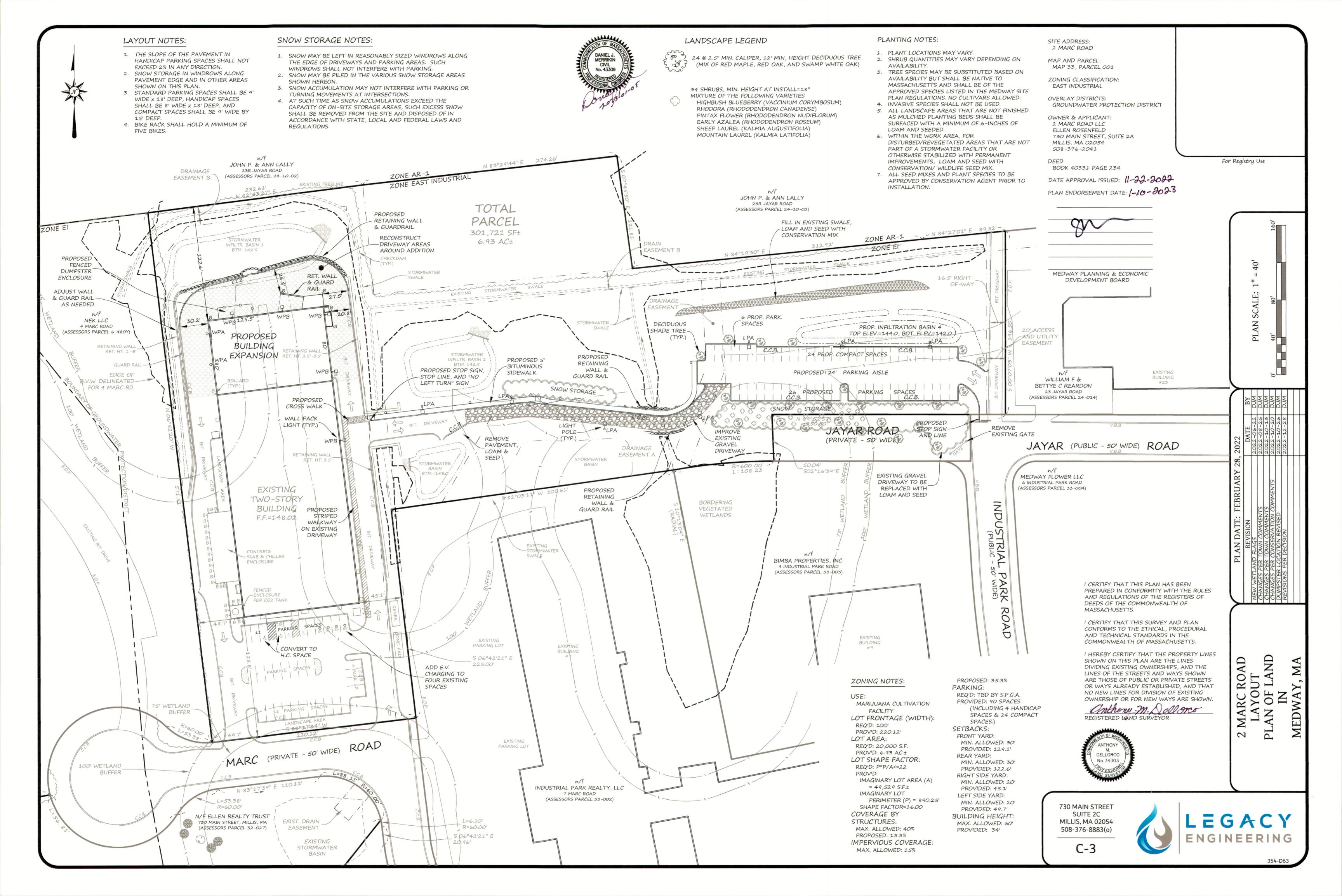
C-0

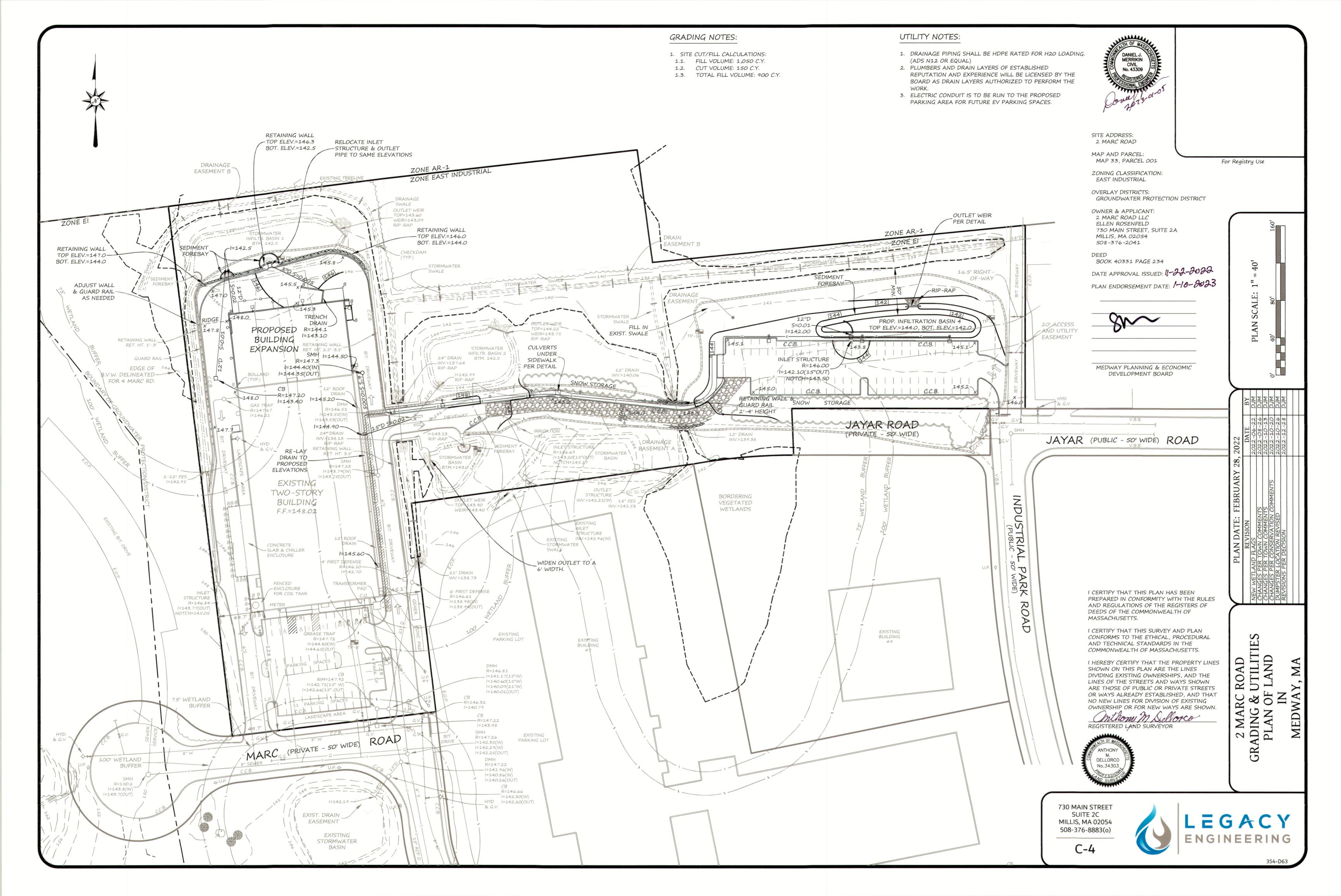


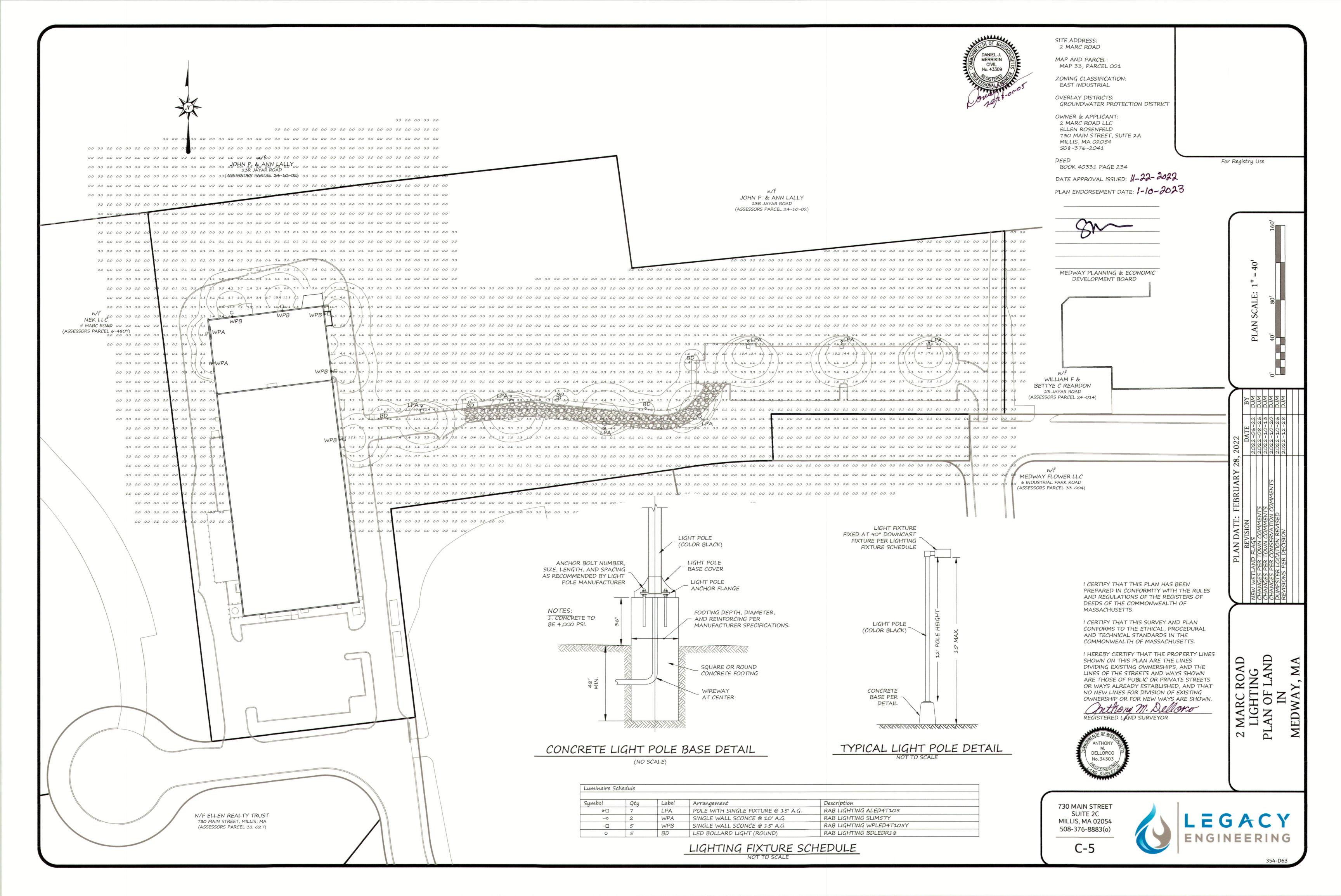
2 MARC ROAD COVER SHEET PLAN OF LAND











PART 1: STORMWATER SYSTEM OPERATIONS AND MAINTENANCE

IN ORDER TO MAXIMIZE THE CONTINUED EFFECTIVENESS OF THE STORMWATER MANAGEMENT BMP'S FOR THE DEVELOPMENT, THE FOLLOWING OPERATION AND MAINTENANCE REQUIREMENTS APPLY TO ALL STORMWATER FACILITIES WITHIN THE EXTENTS OF THE DEVELOPMENT. THE STORMWATER FACILITIES ARE DEPICTED ON THE SITE PLAN AND ARE HEREINAFTER REFERRED TO AS THE "STORMWATER FACILITIES."

OPERATIONS AND MAINTENANCE RESPONSIBILITIES

THE OPERATOR OR ITS DESIGNEE SHALL BE RESPONSIBLE FOR IMPLEMENTING ALL OPERATIONS AND MAINTENANCE (O&M)

EASEMENT AREAS

THE ABUTTER AT 7 MARC ROAD HAS AN EASEMENT OVER A STORMWATER BASIN ON THE PROPERTY.

COMMENCEMENT OF OPERATIONS AND MAINTENANCE RESPONSIBILITIES

OPERATIONS AND MAINTENANCE TASKS SHALL BE COMMENCED ONCE EACH RESPECTIVE STORMWATER FACILITY IS FULLY CONSTRUCTED AND IS RECEIVING RUNOFF FROM THE DEVELOPMENT.

OPERATIONS AND MAINTENANCE TASKS

DEEP SUMP CATCH BASINS:

1. DEEP SUMP CATCH BASINS SHALL BE INSPECTED DAILY DURING CONSTRUCTION ACTIVITIES AND ALL SEDIMENTS AND DEBRIS SHALL BE REMOVED FOUR TIMES PER YEAR UNLESS THE OWNER CAN DETERMINE THROUGH RECORDED OBSERVATIONS THAT SEDIMENT ACCUMULATION DOES NOT WARRANT SUCH FREQUENT CLEANINGS. IF DEEP SUMP CATCH BASIN CLEANING OCCURS LESS THAN FOUR TIMES PER YEAR, CLEANING SHALL OCCUR WHEN TWO FEET OF SEDIMENTS HAVE ACCUMULATED IN THE SUMP AND AT LEAST ONCE PER YEAR.

2. SILT SACKS SHALL BE INSTALLED ON ALL CATCH BASINS THROUGHOUT THE TIME OF CONSTRUCTION.

3. ALL SEDIMENTS AND HYDROCARBONS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

SEDIMENT FOREBAYS:

- 1. SEDIMENT FOREBAYS SHALL BE INSPECTED AT LEAST FOUR TIMES PER YEAR TO INSURE PROPER OPERATION (DURING A STORM EVENT).
- 2. SEDIMENT FOREBAYS SHOULD BE MOWED AND ALL CLIPPINGS AND DEBRIS REMOVED AT LEAST TWICE PER YEAR. DEBRIS SHALL BE REMOVED AT MORE FREQUENT INTERVALS IF WARRANTED BY EXTREME WEATHER EVENTS.
- 3. SEDIMENT SHOULD BE REMOVED WHEN 3-INCHES OF SEDIMENT ACCUMULATES ANYWHERE IN THE FOREBAY. 4. REMOVE WOODY VEGETATION, LEAVES, AND OTHER MATERIALS THAT WOULD AFFECT THE LIFE OF THE SYSTEM OR ITS OPERATIONS.

- 1. SWALES SHALL BE INSPECTED AT LEAST TWICE PER YEAR TO ENSURE PROPER OPERATION (DURING A STORM EVENT). 2. INSPECTIONS SHALL INCLUDE SLOPE INTEGRITY, SOIL MOISTURE, VEGETATIVE HEALTH, SOIL STABILITY, SOIL
- COMPACTION, SOIL EROSION, PONDING AND SEDIMENTATION. 3. REGULAR MAINTENANCE INCLUDES MOWING, FERTILIZING, LIMING, WATERING, PRUNING, AND WEED/PEST CONTROL.
- GRASS HEIGHT SHOULD NOT EXCEED 6 INCHES.
- 4. MANUALLY REMOVE SEDIMENT AT LEAST ONCE PER YEAR.
- 5. RESEED AS NECESSARY.

STORMWATER INFILTRATION BASIN:

- 1. STORMWATER BASINS SHALL BE INSPECTED AT LEAST TWICE PER YEAR TO INSURE PROPER OPERATION (DURING A STORM EVENT).
- 2. INSPECTIONS SHALL INCLUDE ENSURING THAT INLET, OUTLET, AND SPLASH PAD RIP-RAP APRONS ARE IN GOOD CONDITION AND THAT THAT INTERIOR WALL SYSTEMS ARE IN GOOD CONDITION. DEFICIENCIES SHALL BE REMEDIED IMMEDIATELY.
- 3. INSPECTIONS SHALL INCLUDE AN OBSERVATION OF THE ACCUMULATION OF SEDIMENT IN THE BASIN. PRETREATMENT BMPS ARE INTENDED TO CAPTURE AND CONTAIN COARSE SEDIMENTS. SHOULD INDICATION OF SIGNIFICANT ACCUMULATION OF SEDIMENTS IN THE INFILTRATION BASIN BE OBSERVED, INCREASED FREQUENCY OF CLEANING OF THE PRECEDING SEDIMENT FOREBAY AND CATCH BASINS SHALL BE IMPLEMENTED.
- 4. INSPECTIONS SHALL INCLUDE ENSURING THAT OUTLET STRUCTURES ARE UNOBSTRUCTED AND FREE-FLOWING PER THE SITE PLAN DESIGN SPECIFICATIONS.
- 5. INSPECTIONS SHALL INCLUDE ENSURING THAT ALL BERMS ARE FULLY STABILIZED, STRUCTURALLY SOUND AND NOT ERODED. DEFICIENCIES SHALL BE REMEDIED IMMEDIATELY.
- 6. STORMWATER BASINS SHOULD BE MOWED AND ALL CLIPPINGS AND DEBRIS REMOVED AT LEAST TWICE PER YEAR. DEBRIS SHALL BE REMOVED AT MORE FREQUENT INTERVALS IF WARRANTED BY EXTREME WEATHER EVENTS. IF WETLAND VEGETATION GROWS AT THE BOTTOM OF THE STORMWATER BASIN, IT SHALL ONLY BE MOWED ONCE PER YEAR AT THE BEGINNING OF THE WINTER SEASON.
- 7. SEDIMENT SHOULD BE REMOVED AT LEAST ONCE EVERY 5 YEARS OR WHEN 2-INCHES OF SEDIMENT ACCUMULATES ANYWHERE IN THE BASIN AND DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. TWO SEDIMENTATION MARKERS SHALL BE INSTALLED IN THE BASIN BY A REGISTERED LAND SURVEYORS WITH A CLEAR MARKING OF THE 2-INCH ACCUMULATION LINE. IT IS RECOMMENDED THAT STONE BOUNDS BE INSTALLED WITH CHISELED MARKS INDICATING THE LIMIT OF ACCUMULATION, ALTHOUGH OTHER SIMILARLY PERMANENT MARKING METHODS MAY BE UTILIZED.

STORMWATER TREATMENT UNITS (SHOWN ON THE SITE PLAN AS "FIRST DEFENSE UNITS"): (MAINTENANCE TASKS AND FREQUENCY FROM MANUFACTURER PUBLISHED DATA)

- 1. STORMWATER TREATMENT UNITS SHALL BE INSPECTED TWICE PER YEAR. SEDIMENTS AND FLOATING DEBRIS AND PETROLEUM PRODUCTS SHALL BE REMOVED WITH A VACUUM TRUCK WHEN EITHER THE SEDIMENT DEPTH REACHES 6-INCHES OR THE FLOATING DEPTH OF PETROLEUM PRODUCTS REACHES 3-INCHES. SEDIMENT AND FLOATING DEBRIS REMOVAL SHALL OCCUR AT LEAST ONCE PER YEAR UNLESS THE OPERATOR CAN DEMONSTRATE THAT SEDIMENT/FLOATING DEBRIS ACCUMULATION DOES NOT ACHIEVE THE THRESHOLDS NOTED ABOVE WITHIN A TYPICAL YEAR. THE OPERATOR SHALL SUBMIT AN ANALYSIS BY A REGISTERED PROFESSIONAL ENGINEER TO THE
- PLANNING BOARD EXPLAINING THE BASIS FOR MORE INFREQUENT CLEANING. 2. ALL SEDIMENTS AND HYDROCARBONS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

STORMWATER PIPES, INLETS AND OUTFALLS:

- 1. ALL STORMWATER INLETS AND OUTFALLS SHALL BE INSPECTED TWICE PER YEAR, INCLUDING THE 6" CULVERTS UNDER THE SIDEWALK FROM THE REMOTE PARKING AREA TO THE BUILDING.
- 2. TRASH, LEAVES, DEBRIS AND SEDIMENT SHALL BE REMOVED FROM INLETS AND OUTFALLS AS NEEDED TO KEEP THEM FREE FLOWING.
- 3. IF INSPECTIONS INDICATE THAT STORMWATER PIPELINES HAVE BECOME PARTIALLY OBSTRUCTED WITH TRASH, LEAVES. DEBRIS OR SEDIMENT, THE PIPELINES SHALL BE CLEANED BY WATER JET TRUCK AND THE OBSTRUCTIONS REMOVED AND DISPOSED OF.

THE VARIOUS OPERATIONS AND MAINTENANCE SCHEDULE REQUIREMENTS LISTED ABOVE MAY BE REDUCED IN FREQUENCY BY APPROVAL FROM THE TOWN. SHOULD SUCH PERMISSION BE DESIRED, THE OPERATOR SHALL PROVIDE DOCUMENTATION OF ACTUAL ON-SITE MAINTENANCE OBSERVATIONS BY A QUALIFIED SOURCE (ENGINEER OR OTHER QUALIFIED PERSON MEETING THE APPROVAL OF THE TOWN) DEMONSTRATING THAT THE PARTICULAR STORMWATER BMP IN QUESTION DOES NOT WARRANT THE SPECIFIED FREQUENCY OF INSPECTION OR MAINTENANCE ACTIVITIES.

REPORTING REQUIREMENTS

- THE FOLLOWING DOCUMENTATION SHALL BE SUBMITTED NO LATER THAN DECEMBER 31ST OF EACH CALENDAR YEAR TO
- 1. A STATEMENT, SIGNED BY AN AUTHORIZED REPRESENTATIVE OF THE OPERATOR INDICATING THAT THE REQUIREMENTS OF THIS O&M PLAN WERE PERFORMED DURING THE PREVIOUS CALENDAR YEAR. WHERE REQUIREMENTS WERE NOT MET, A SCHEDULE FOR THEIR COMPLETION SHALL BE PROVIDED AND A FOLLOW-UP STATEMENT SUBMITTED WHEN COMPLETE.
- 2. A LIST OF THE MAINTENANCE ACTIVITIES PERFORMED ALONG WITH THE APPROXIMATE DATE OF THE WORK. 3. A LIST OF THE INSPECTIONS PERFORMED ALONG WITH A STATEMENT BY EACH INSPECTOR SUMMARIZING THE RESULTS
- OF THE INSPECTIONS PERFORMED IN ACCORDANCE WITH THIS O&M PLAN. 4. COPIES OF APPURTENANT DOCUMENTATION SUPPORTING THE COMPLETION OF THE O&M RESPONSIBILITIES SUCH AS COPIES OF CONTRACTS AND/OR RECEIPTS WITH PARTIES ENGAGED TO PERFORM MAINTENANCE AND INSPECTION
- 5. A NOTATION REGARDING WHETHER THERE HAS BEEN ANY CHANGE IN THE NAME AND OR CONTACT INFORMATION FOR THE OPERATOR.

PUBLIC SAFETY FEATURES

THE STORMWATER SYSTEM HAS BEEN DESIGNED TO SAFELY COLLECT SURFACE RUNOFF FROM DEVELOPED AREAS (AS DESCRIBED ON THE SITE PLAN AND STORMWATER REPORT) BY PROVIDING COLLECTIONS SYSTEMS AT REGULAR INTERVALS TO PREVENT SURFACE FLOODING AND TO TREAT THAT RUNOFF IN ACCORDANCE WITH THE PROVISIONS OF THE MASSACHUSETTS STORMWATER MANAGEMENT STANDARDS AND HANDBOOK

PART 2: INTEGRATED PEST MANAGEMENT PLAN

APPLICABILITY

THE DEVELOPMENT SHALL ADHERE TO THIS IPM IN PERPETUITY, UNLESS THE CONSERVATION COMMISSION RELEASES THE OPERATOR FROM THIS OBLIGATION IN WRITING.

LAWN PREPARATION AND INSTALLATION

THE FOLLOWING METHODS SHALL BE EMPLOYED FOR ALL LAWN INSTALLATION AND REPLACEMENTS

- > TOPSOIL INSTALLED IN LAWN AREAS SHALL BE INSTALLED TO A MINIMUM THICKNESS OF 4-INCHES. INSTALLATION SHALL BE IN A MANNER THAT MINIMIZES COMPACTION OF THE TOPSOIL. TOPSOIL SHOULD INCLUDE A MINIMUM ORGANIC CONTENT OF 18% IN THE TOP 4-INCHES. IN AREAS WHERE EXISTING TOPSOIL IS LIMITED OR NON-EXISTENT DUE TO BEDROCK OR HARDPAN, 6-24 INCHES OF SANDY LOAM TOPSOIL SHOULD BE SPREAD WITH A MINIMUM 18% ORGANIC CONTENT IN THE TOP 6-INCHES.
- > TOPSOIL SHALL BE TESTED FOR PH, ORGANIC CONTENT AND MINERAL CONTENT INCLUDING CALCIUM, MAGNESIUM, POTASSIUM AND SODIUM AT THE TIME OF INSTALLATION AND SUPPLEMENTS SHALL BE ADDED AS RECOMMENDED. LIME SHALL BE ADDED AT THE RATES RECOMMENDED BY THE SOIL TEST LAB TO BRING TOPSOIL PH WITHIN
- > SEEDING SHALL INCLUDE AT LEAST THREE OF THE FOLLOWING TURF TYPES: FINE FESCUE, KENTUCKY BLUEGRASS, PERENNIAL RYE GRASS, AND TALL FESCUE.
- > FERTILIZER APPLICATION AT THE TIME OF SEEDING SHALL NOT EXCEED 0.5 POUNDS PER 1,000 SQUARE FEET AND SHALL BE EITHER ORGANIC OR MINERAL
- > DURING THE PERIOD OF TURF ESTABLISHMENT (1-2 SEASONS AFTER SEEDING), UP TO TWO BROADLEAF WEED CONTROL APPLICATIONS PER YEAR MAY BE APPLIED TO THE ENTIRE LAWN AREA TO ENCOURAGE THE ESTABLISHMENT OF THE TURF AND PREVENT WEED INFESTATIONS.

MECHANICAL LAWN CARE STANDARDS

THE FOLLOWING MAINTENANCE GUIDELINES SHALL BE GENERALLY APPLIED TO LAWN CARE, ALTHOUGH SPECIFIC ADHERENCE TO EVERY STANDARD IS NOT NECESSARY. ADHERENCE TO THESE MECHANICAL LAWN CARE STANDARDS WILL ENCOURAGE THE DEVELOPMENT OF A THICK, DENSE, AND HEALTHY TURF SYSTEM WHICH WILL ULTIMATELY RESULT IN FEWER LAWN CARE TREATMENT REQUIREMENTS.

- > LAWN CUTTING HEIGHT SHOULD BE ADJUSTED ACCORDING TO THE SEASON USING THE FOLLOWING AS GUIDANCE.
- MAY JUNE: 2.5" CUT HEIGHT JULY - AUGUST: 3-3.5" CUT HEIGHT
- SEPTEMBER: 2.5-3" CUT HEIGHT
- OCTOBER NOVEMBER: 2" CUT HEIGHT
- > LAWN MOWING SHOULD BE AT SUFFICIENT FREQUENCY SUCH THAT NOT MORE THAN 1/3 OF THE LEAF BLADE HEIGHT IS CUT OFF.
- > AERATE THE LAWN GENERALLY ONCE PER YEAR IN THE MID-SUMMER TO MID-FALL PERIOD. A SECOND AERATION IN
- THE SPRING MAY BE APPROPRIATE FOR COMPACT SOILS CONDITIONS.
- > DETHATCHING IS GENERALLY NOT NECESSARY UNLESS THE THATCH LAYER EXCEED ¾".

CORE LAWN CARE TREATMENT PROGRAM

EACH LAWN SHALL ADHERE TO THE FOLLOWING LAWN CARE PRACTICES AND RESTRICTIONS

- > A SOIL TEST SHALL BE CONDUCTED AT LEAST ONCE EVERY TWO YEARS TO EVALUATE TOPSOIL PH LEVEL AND THE NECESSARY APPLICATION OF LIME WILL BE MADE TO BRING SOIL PH WITHIN RECOMMENDED LEVELS. RECOMMENDED TOPSOIL PH LEVELS ARE BETWEEN 6.5 AND 6.8. SOILS TESTING SHALL ALSO INCLUDE ORGANIC CONTENT, MINERAL CONTENT, INCLUDING CALCIUM, MAGNESIUM, POTASSIUM AND SODIUM, TOTAL CATION EXCHANGE CAPACITY, AND HYDROGEN. IDEAL BASE SATURATION PERCENTAGES FOR THESE PARAMETERS ARE AS FOLLOWS:
- CALCIUM: 68-70%
- O MAGNESIUM: 15-20%
- O POTASSIUM: 4.5-6%
- SODIUM:
- OTHER BASES: 4-8% O HYDROGEN: 5-10%
- > FERTILIZER APPLICATION SHALL BE AS-NEEDED BASED ON THE RESULTS OF THE LATEST SOILS TEST, PLANT HEALTH, ROOTING CHARACTERISTICS GROWTH RATE DESIRED AND SEASON FERTILIZER APPLICATION SHALL NOT EXCEED. FIVE TIMES PER CALENDAR YEAR AND THE TOTAL QUANTITY OF FERTILIZER APPLIED IN ANY GIVEN YEAR SHALL NOT RESULT IN THE APPLICATION OF MORE THAN THREE POUNDS OF NITROGEN PER 1,000 SQUARE FEET WITH NOT MORE THAN ONE POUND OF NITROGEN APPLIED PER 1,000 SQUARE FEET IN ANY SINGLE APPLICATION. NITROGEN, IN THE FORM OF FERTILIZER, SHOULD GENERALLY BE APPLIED IN SMALL INCREMENTS TO AVOID NITRATE LEACHATE AND RUNOFF, UNDESIRED SPRITS IN GROWTH, AND INCREASE IN PEST POPULATION. GRANULAR ORGANIC AND/OR ORGANIC/SYNTHETIC SLOW RELEASE FERTILIZERS SHALL BE USED. THE OPTIMAL USE OF FERTILIZERS IS TO CREATE AN ORGANIC FOUNDATION FOR SOIL HEALTH AND DEVELOPMENT WHICH PROVIDES SUFFICIENT NUTRIENTS FOR CONTROLLED PLANT GROWTH AND AVOIDING SUBSURFACE AND SURFACE NUTRIENT LOSS TO GROUNDWATER OR STORMWATER RUNOFF.
- > EXCEPT AS NOTED BELOW, ONLY ONE APPLICATION OF CRAB-GRASS PREVENTION PRODUCT IS PERMITTED PER YEAR DURING MARCH OR APRIL, AND ONLY IN PORTIONS OF THE LAWN IN FULL SUN WHICH ARE PRONE TO SUCH INFESTATIONS. THE USE OF CORN GLUTON
- (ORGANIC CRAB-GRASS CONTROL METHOD) IS PERMITTED TWICE PER YEAR. > AT THE TIME OF FERTILIZER APPLICATION, ANY ACCIDENTAL SPILLAGE ONTO IMPERVIOUS SURFACES SUCH AS DRIVEWAYS, WALKWAYS, PATIOS, AND STREETS SHALL BE SWEPT UP AND EITHER APPLIED TO THE LAWN OR REMOVED FROM THE SITE.

OPTIONAL MAINTENANCE PRACTICES TO BE APPLIED AS NEEDED

- > WHERE TOPSOIL TESTING DEMONSTRATES A DEFICIENCY, MINERAL OR ORGANIC MICRO-NUTRIENTS MAY BE ADDED TO ACHIEVE RECOMMENDED LEVELS.
- > GENERALLY, CHEMICAL PESTICIDES SHOULD BE USED AS A FINAL OPTION AND THE MINIMUM AMOUNT NECESSARY TO ACHIEVE THE DESIRED RESULT SHOULD BE USED. NON CHEMICAL MEANS OF PEST CONTROL SHOULD BE TRIED FIRST. In the event of suspected pest problem, a visual inspection shall first be made by qualified personnel TO CONFIRM THE PRESENCE OF STRESSED VEGETATION, WILDLIFE ACTIVITY, PATHOGENS, AND OTHER SIMILAR INDICATORS. SHOULD A PEST PROBLEM BE IDENTIFIED, THE CONDITION SHALL BE MONITORED PERIODICALLY SUCH THAT IF THE PROBLEM SUBSIDES, TREATMENT METHODS CAN STOP AS SOON AS POSSIBLE THEREAFTER.
- > ROOT BIO-STIMULANTS FROM ORGANIC SOURCES (EXAMPLES INCLUDE ROOTS, ORGANICA, OR PHC TYPE PRODUCTS, WHICH ARE BRAND NAMES AND WHICH MAY CHANGE DEPENDING ON MARKET CONDITIONS) MAY BE USED AS NEEDED.
- > COMPOST TOPDRESSING (1/8" 1/4" DEPTH) MAY BE APPLIED AS NEEDED.

SPOT-TREATMENT BASIS AND ONLY TO THOSE AREAS AFFECTED.

LICENSED OR CERTIFIED PERSONNEL IN ACCORDANCE WITH 333 CMR.

- > SPOT TREATMENT OF WEEDS AND CRABGRASS MAY BE IMPLEMENTED AT ANY TIME AS NEEDED, BUT ONLY ON A SPOT-TREATMENT BASIS AND ONLY TO THOSE AREAS AFFECTED. > SPOT TREATMENT FOR TURF DISEASE MAY BE IMPLEMENTED AT ANY TIME AS NEEDED, BUT ONLY ONE A
- > GRUB CONTROL PRODUCTS AND SIMILAR PRODUCTS MAY BE APPLIED TO LOCALIZED AREAS ONLY WHERE GRUB ACTIVITY IS EVIDENT. GRUB CONTROL MAY BE APPLIED WHEN GRUB POPULATIONS REACH AN AVERAGE OF 8 -10 GRUBS PER SQUARE FOOT OR IF THE PLANT/LAWNS ARE SHOWING SIGNS OF STRESS FROM GRUB ACTIVITY.
- > ONE APPLICATION OF IMIDACLOPRID (MERIT) OR SIMILAR PRODUCTS PER YEAR IS PERMITTED DURING JUNE AND JULY
- IN AREAS WHERE GRUB ACTIVITY HAS HISTORICALLY OCCURRED. > PESTICIDES WHICH ARE CLASSIFIED FOR RESTRICTED USE PURSUANT TO 333 CMR MAY ONLY BE APPLIED BY PROPERLY LICENSED OR CERTIFIED PERSONNEL OR BY INDIVIDUALS UNDER THE DIRECT ON-SITE SUPERVISION OF PROPERLY

PART 3: MISCELLANEOUS PROVISIONS

- GOOD HOUSEKEEPING CONTROLS
- THE FOLLOWING GOOD HOUSEKEEPING MEASURES WILL BE IMPLEMENTED IN THE DAY-TO-DAY OPERATION OF THE DEVELOPMENT:
- 1. THE SITE WILL BE MAINTAINED IN A NEAT AND ORDERLY MANNER.
- 2. FERTILIZERS AND PESTICIDE APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. 3. ALL WASTE MATERIALS FROM THE DEVELOPMENT WILL BE COLLECTED IN DUMPSTERS AND REMOVED FROM THE SITE BY PROPERLY LICENSED DISPOSAL COMPANIES.

- MANAGEMENT OF DEICING CHEMICALS AND SNOW MANAGEMENT OF ON-SITE SNOW WILL BE AS FOLLOWS:
- 1. THE SITE SHALL BE PLOWED AS NEEDED TO MAINTAIN SAFE DRIVING CONDITIONS. SNOW WILL BE STORED IN
- WINDROWS ALONG PAVEMENT EDGES AND SHALL BE PILED IN LANDSCAPE STRIPS AS NEEDED. 2. SNOW WILL NOT BE PLOWED INTO PILES WHICH BLOCK OR OBSTRUCT STORMWATER MANAGEMENT FACILITIES.
- 3 SNOW WILL NOT BE PLOWED INTO PILES AT ROADWAY INTERSECTIONS SUCH THAT IT WOULD OBSTRUCT VISIBILITY FOR ENTERING OR EXITING VEHICLES.
- 4. DEICING CHEMICALS APPLICATION WILL BE AS LITTLE AS POSSIBLE WHILE PROVIDE A SAFE ENVIRONMENT FOR VEHICULAR OPERATION AND FUNCTION.
- 5. AT SUCH TIME AS SNOW ACCUMULATIONS EXCEED THE CAPACITY OF ON-SITE STORAGE AREAS, SUCH EXCESS SNOW SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH STATE, LOCAL, AND FEDERAL LAWS AND REGULATIONS.

OPERATOR TRAINING

IMMEDIATELY DISCONNECTED.

THE OPERATOR IS RESPONSIBLE FOR PROVIDING TRAINING FOR THE STAFF THAT WILL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THIS O&M PLAN. SUCH TRAINING SHALL OCCUR AT LEAST ONCE ANNUALLY.

ILLICIT DISCHARGES THE OPERATOR SHALL NOT ALLOW NON-STORMWATER DISCHARGES INTO THE DEVELOPMENT'S STORMWATER SYSTEM. ANY DISCOVERED NON-STORMWATER DISCHARGES INTO THE DEVELOPMENT'S STORMWATER SYSTEM SHALL BE

ESTIMATED OPERATIONS AND MAINTENANCE BUDGET

IT IS ESTIMATED THAT THE REGULAR ANNUAL MAINTENANCE TASKS DESCRIBED HEREIN WILL COST \$2,000 PER YEAR (2022

PART 4: ACCIDENTAL SPILL AND EMERGENCY RESPONSE PLAN

IN THE EVENT OF AN ACCIDENT WITHIN THE BOUNDARIES OF THE SITE, WHERE SIGNIFICANT GASOLINE OR OTHER PETROLEUM PRODUCTS OR OTHER HAZARDOUS MATERIALS ARE RELEASED, THE FOLLOWING PROCEDURE SHALL BE FOLLOWED IN THE ORDER NOTED.

- 1. AS QUICKLY AS POSSIBLE, ATTEMPT TO BLOCK THE NEAREST STORMWATER CATCH BASINS IF ON A ROADWAY, OR IF IN PROXIMITY TO WETLANDS, CREATE A BERM OF SOIL DOWNSLOPE OF THE SPILL.
- 2. IMMEDIATELY, AND WHILE THE CONTAINMENT MEASURES ARE IMPLEMENTED AS DESCRIBED ABOVE, NOTIFY THE FOLLOWING GOVERNMENTAL ENTITIES AND INFORM THEM OF THE TYPE OF SPILL THAT OCCURRED:
- MEDWAY FIRE DEPARTMENT AT 911.
- MEDWAY BOARD OF HEALTH AT 508-533-3206,
- MEDWAY CONSERVATION COMMISSION AT 508-533-3292,
- MASS. DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) CENTRAL REGION AT (508) 792-7650 (ADDRESS IS 8 NEW BOND STREET, WORCESTER, MA 01606), AND
- NATIONAL RESPONSE CENTER (NRC) AT (800) 424-8802 (FOR SPILLS THAT REQUIRE SUCH NOTIFICATION
- PURSUANT TO 40 CFR PART 110, 40 CFR PART 117, AND 40 CR PART 3021. 3. ONCE THE VARIOUS EMERGENCY RESPONSE TEAMS HAVE ARRIVED AT THE SITE AND IF THE SPILL OCCURS ON A LOT, THE OWNER SHALL FOLLOW THE INSTRUCTIONS OF THE VARIOUS GOVERNMENTAL ENTITIES, WHICH MAY INCLUDE THE FOLLOWING:
- > A CLEAN UP FIRM MAY NEED TO BE IMMEDIATELY CONTACTED.

PROPOSED

ADDITION

EXISTING

BUILDING

> IF THE HAZARDOUS MATERIALS HAVE ENTERED THE STORMWATER SYSTEM, PORTIONS OF IT MAY NEED TO BE CLEANED AND RESTORED PER THE DEP. ALL SUCH ACTIVITIES SHALL BE AS SPECIFIED BY THE DEP.

CULVERTS

SIDEWALK

-UNDER

SITE ADDRESS: 2 MARC ROAD

MAP AND PARCEL: MAP 33, PARCEL 001

ZONING CLASSIFICATION: EAST INDUSTRIAL

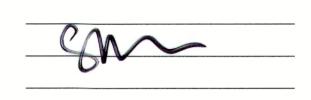
508-376-2041

OVERLAY DISTRICTS: GROUNDWATER PROTECTION DISTRICT

OWNER & APPLICANT: 2 MARC ROAD LLC ELLEN ROSENFELD 730 MAIN STREET, SUITE 2A MILLIS, MA 02054

BOOK 40331 PAGE 234

DATE APPROVAL ISSUED: 11-22-2026 PLAN ENDORSEMENT DATE: 1-10-2023



MEDWAY PLANNING & ECONOMIC DEVELOPMENT BOARD

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730 MAIN STREET

SUITE 2C

MILLIS, MA 02054 508-376-8883(o)

C-6

REGISTERED LAND SURVEYOR

I CERTIFY THAT THIS PLAN HAS BEEN

DEEDS OF THE COMMONWEALTH OF

AND TECHNICAL STANDARDS IN THE

COMMONWEALTH OF MASSACHUSETTS.

SHOWN ON THIS PLAN ARE THE LINES

DIVIDING EXISTING OWNERSHIPS, AND THE

LINES OF THE STREETS AND WAYS SHOWN

NO NEW LINES FOR DIVISION OF EXISTING

ARE THOSE OF PUBLIC OR PRIVATE STREETS

OR WAYS ALREADY ESTABLISHED, AND THAT

OWNERSHIP OR FOR NEW WAYS ARE SHOWN.

I CERTIFY THAT THIS SURVEY AND PLAN

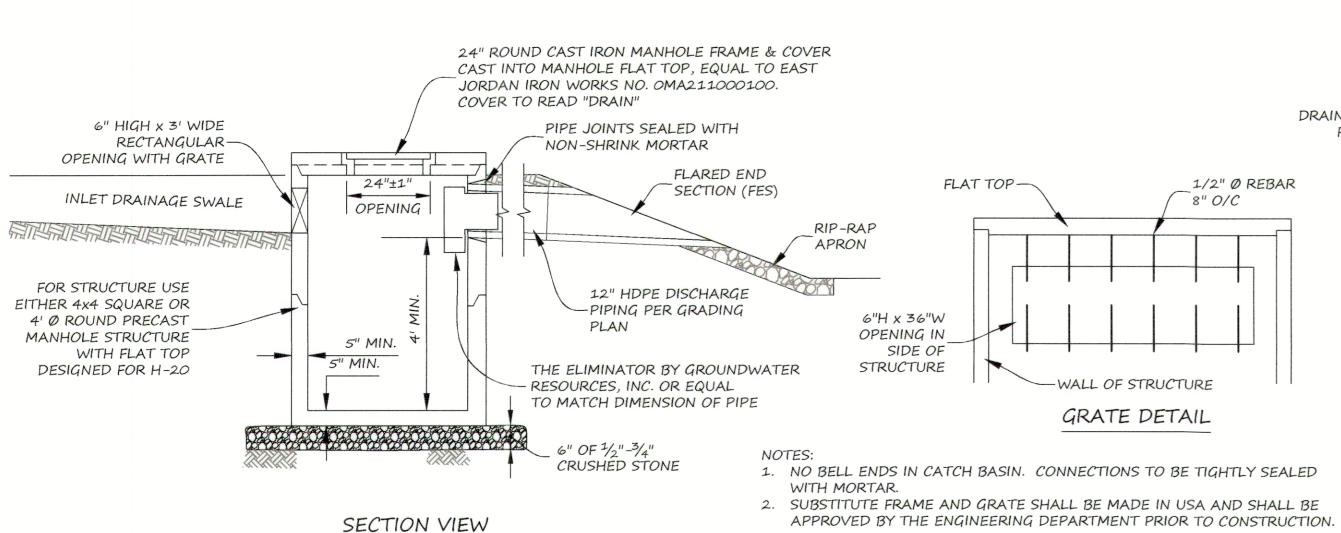
CONFORMS TO THE ETHICAL, PROCEDURAL

I HEREBY CERTIFY THAT THE PROPERTY LINES

MASSACHUSETTS.

PREPARED IN CONFORMITY WITH THE RULES

AND REGULATIONS OF THE REGISTERS OF



EMBANKMENTS TO A POINT 1' ABOVE TOP OF FES (WHERE APPLICABLE). 2. WIDTH OF RIP-RAP APRON SHALL EQUAL THE HEADWALL WIDTH (BETWEEN WINGWALLS IF USED) OR DRAIN DISCHARGE WITH THE NOMINAL PIPE DIA. PLUS 6-FEET FES OR HEADWALL-FOR FES OUTLETS. AS SPECIFIED 10x NOM. PIPE DIA. 12" THICK LAYER OF ANGULAR RIP-RAP 4' FOR FES FINISHED GRADE/ O' FOR HEADWALL SUBGRADE 6" THICK LAYER OF GRAVEL WITH FILTER FABRIC ON TOP

1. RIP-RAP TO BE PLACED ON

TYPICAL RIP-RAP APRON DETAIL

NOT TO SCALE

TOP OF BERM ELEVATION "B"

- OUTLET WEIR WALL

BOTTOM OF BASIN ELEVATION "A"

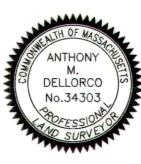
TYPICAL BASIN CROSS-SECTION

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

I CERTIFY THAT THIS SURVEY AND PLAN CONFORMS TO THE ETHICAL, PROCEDURAL AND TECHNICAL STANDARDS IN THE COMMONWEALTH OF MASSACHUSETTS.

I HEREBY CERTIFY THAT THE PROPERTY LINES SHOWN ON THIS PLAN ARE THE LINES DIVIDING EXISTING OWNERSHIPS, AND THE LINES OF THE STREETS AND WAYS SHOWN ARE THOSE OF PUBLIC OR PRIVATE STREETS OR WAYS ALREADY ESTABLISHED, AND THAT NO NEW LINES FOR DIVISION OF EXISTING OWNERSHIP OR FOR NEW WAYS ARE SHOWN.

REGISTERED LAND SURVEYOR



ADJACENT PROPOSED-

GRADE

[K]K|K|K|K|K|

-INLET PIPE(S)

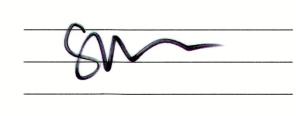
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DATE APPROVAL ISSUED: 11-22-2022 PLAN ENDORSEMENT DATE: 1-10-2023

GROUNDWATER PROTECTION DISTRICT



SITE ADDRESS:

2 MARC ROAD

MAP AND PARCEL:

MAP 33, PARCEL 001

ZONING CLASSIFICATION:

EAST INDUSTRIAL

OVERLAY DISTRICTS:

OWNER & APPLICANT:

2 MARC ROAD LLC

ELLEN ROSENFELD

MILLIS, MA 02054

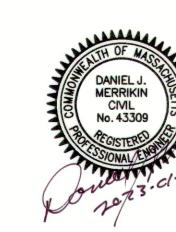
BOOK 40331 PAGE 234

508-376-2041

730 MAIN STREET, SUITE 2A

MEDWAY PLANNING & ECONOMIC DEVELOPMENT BOARD





2

730 MAIN STREET SUITE 2C MILLIS, MA 02054 508-376-8883(c C-7



PRECAST CONCRETE IN-SWALE CATCH BASIN

NOT TO SCALE

6" LOAM 3:1 SIDESLOPES ON & SEED EXTERIOR OF EMBANKMENT RIP RAP DISCHARGE APRON 6" THICK LAYER OF 4"-6" RIP-RAP TOP OF INFILTRATION OVERFLOW LIP ELEV. "Y" RIP-RAP OUTLET/ ELEV. "Y" ELEV. "C" OVERFLOW APRON – ELEV. "Z" (AT FACE OF WALL) ADJACENT -EXISTING GRADE CONCRETE WALL/WEIR, 8" THICK, (NO REINFORCEMENT REQ'D) 1. SEE GRADING SHEETS AND PROFILE SHEETS FOR SIZE OF INLETS AND OUTLETS AND OTHER DIMENSIONAL REQUIREMENTS FOR EACH BASIN. 2. ALL TOPSOIL BELOW THE BOTTOM OF THE BASIN SHALL BE REMOVED PRIOR TO BASIN CONSTRUCTION. FILL MATERIALS UNDER THE BASIN BOTTOM SHALL BE CLEAN GRAVEL. FILL FOR BERMS MAY BE SAND, LOAMY SAND OR SANDY LOAM. (TITLE V CLASSIFICATIONS). 3. BERM AREAS SHALL BE REMOVED OF ALL TOPSOIL AND OTHER 12" THICK CONCRETE FOOTING 12" WIDER THAN WALL IN ALL DIRECTIONS UNSUITABLE SOILS. BERM CORE SHALL CONSIST OF ORDINARY (NO REINFORCEMENT REQ'D) BORROW INSTALLED IN 12-INCH LIFTS TO A MINIMUM 93% PROCTOR

OUTLET WEIR AND RIP-RAP SWALE DETAIL

6" HIGH RIP-RAP CHECK

DAM WHERE NOTED

SCHEDULE OF DIMENSIONS AND ELEVATIONS

6-INCHES LOAM AND

EXCEPT RIP-RAP AREAS

SEED ALL SURFACES

3:1 SIDESLOPES BASIN

RIP-RAP APRON

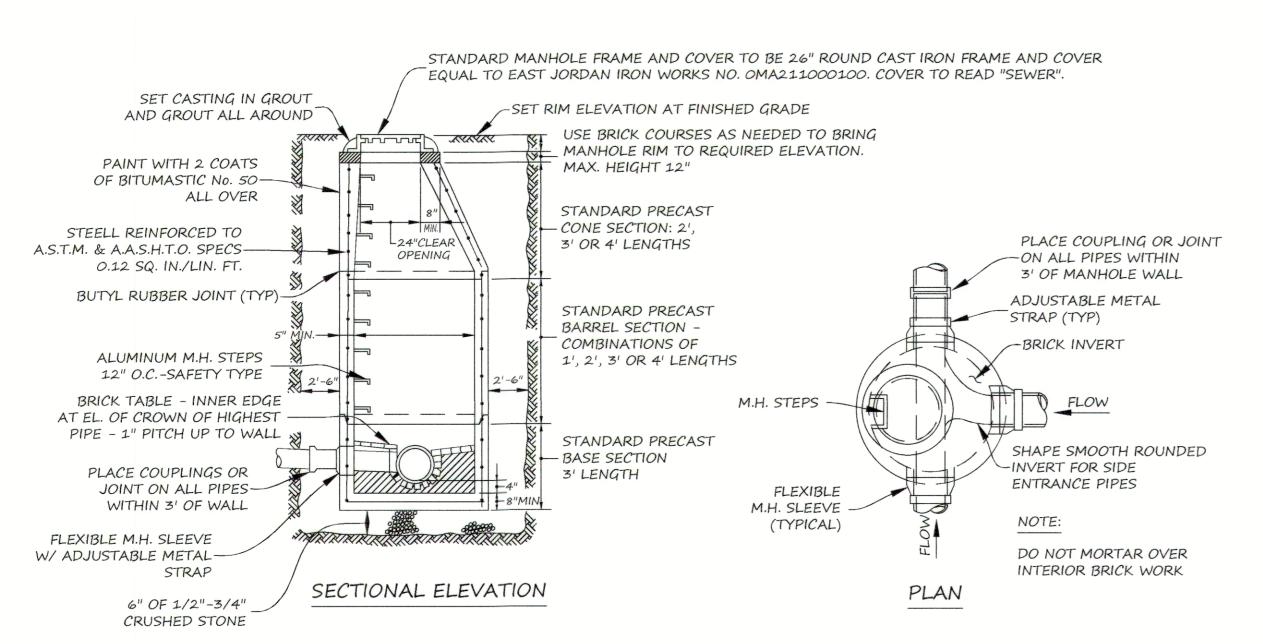
FES WITH

INTERIOR AND EXTERIOR

	BASIN #1	BASIN #2	BASIN #3	BASIN #4
BOTTOM OF BASIN ELEVATION "A"	142.5	142.5	143.0	142.0
TOP OF BERM ELEVATION "B"	144.5	144.5	144.9	144.0
OUTLET WEIR WALL LENGTH "W"	231	231	14'	16'
OVERFLOW WEIR NOTCH LENGTH "X"	131	13'	6'	91
OVERFLOW ELEVATION "Y"	143.10	143.75	143.40	142.70
TOP OF WEIR WALL "C"	143.60	144.25	143.90	143.50
RIP RAP SWALE OUTLET ELEV. "Z"	142.5	143.0	143.0	142.5
(AT OUTSIDE FACE OF WALL)				

TYPICAL INFILTRATION BASIN CROSS-SECTION

NOT TO SCALE



12" BAR GRATING-1.2' ISOMETRIC VIEW PLAN VIEW (2) 8" DIA. OUTLETS SLOPED BOTTOM (0.005) SIDE-SECTION VIEW END SECTION VIEW

1. CONCRETE SHALL BE 4,000 PSI AFTER 28 DAYS.

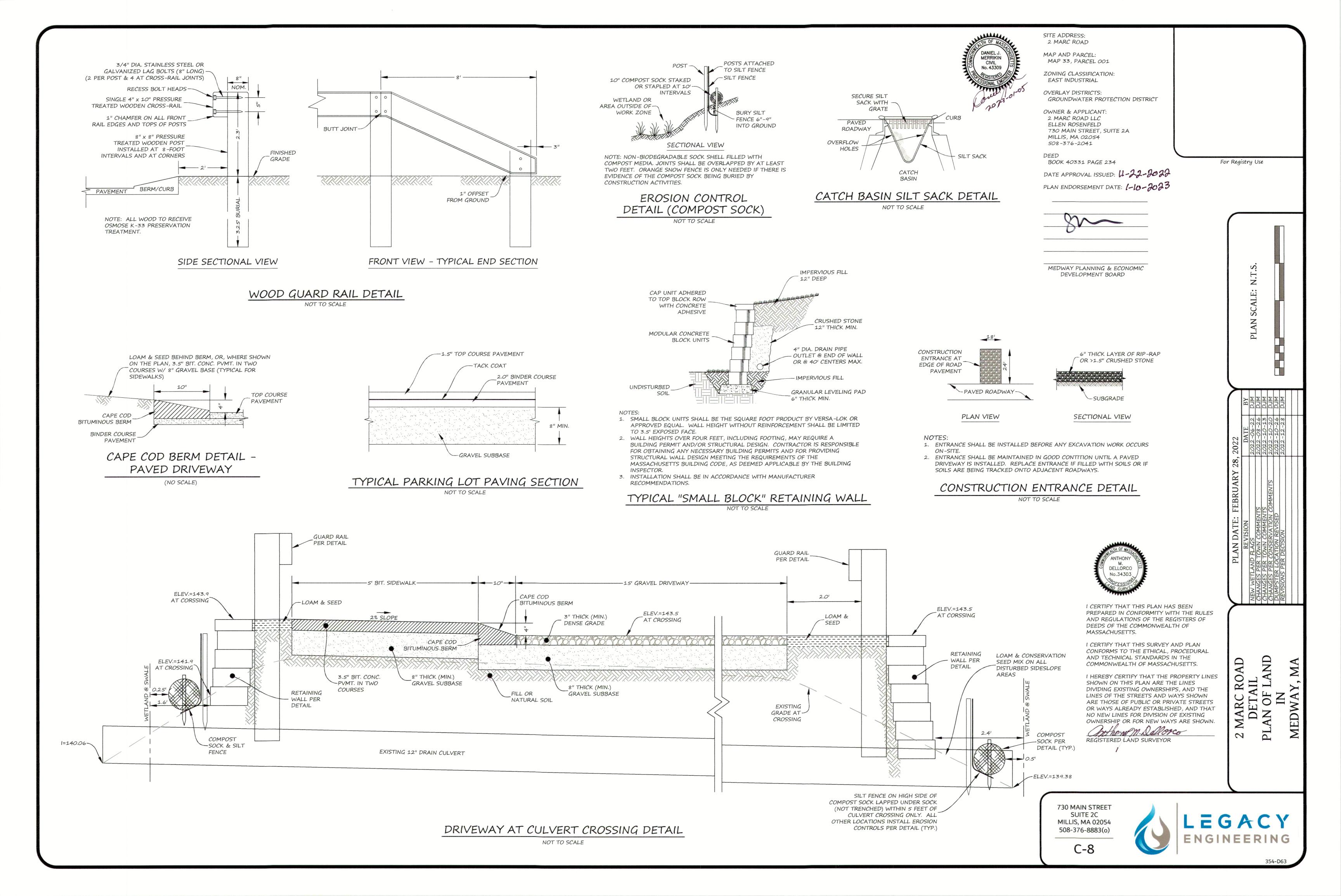
2. SHALL CONFORM TO H-20 LOADINGS. 3. SHALL BE POWER DRAIN S300K BY ACO DRAIN OR EQUAL.

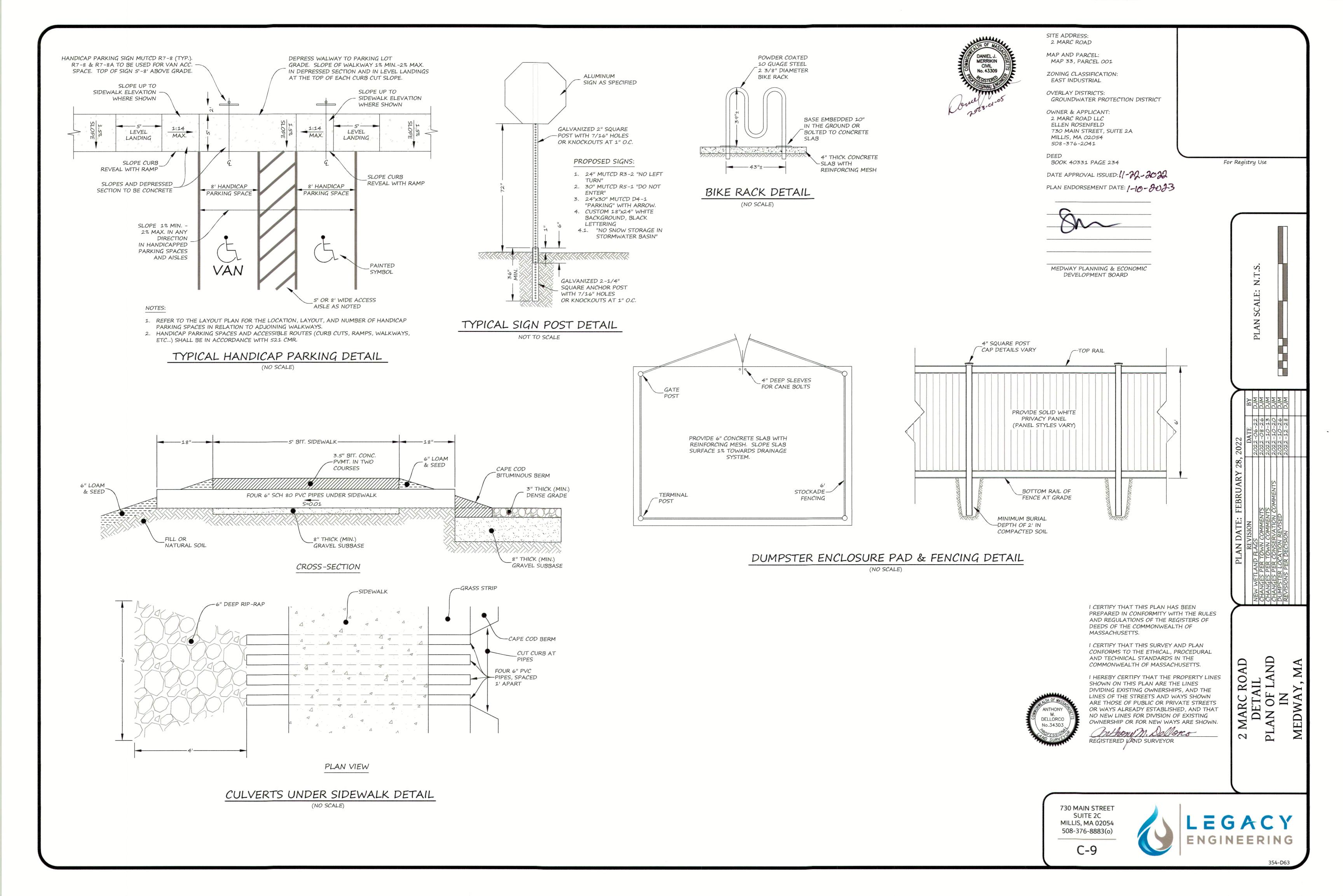
TRENCH DRAIN DETAIL

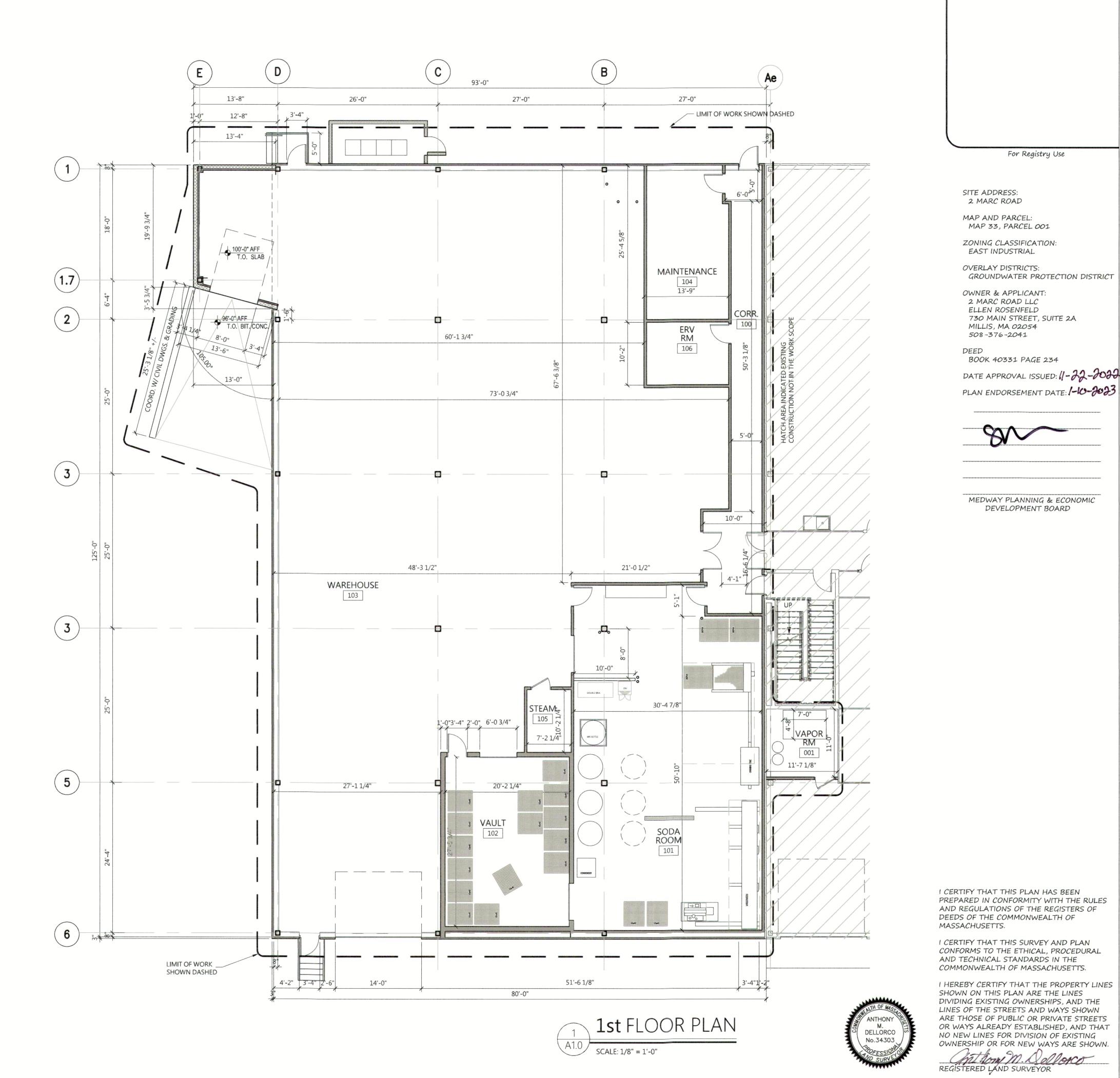
NOT TO SCALE

TYPICAL PRECAST CONCRETE SEWER MANHOLE DETAILS

NOT TO SCALE









486 High Plain Street Walpole, MA 02081

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GROUNDWATER PROTECTION DISTRICT

DATE APPROVAL ISSUED: 11-22-2022

PLAN ENDORSEMENT DATE: 1-10-2023

MEDWAY PLANNING & ECONOMIC DEVELOPMENT BOARD

SITE ADDRESS: 2 MARC ROAD

MAP AND PARCEL:

MAP 33, PARCEL 001

ZONING CLASSIFICATION: EAST INDUSTRIAL

OVERLAY DISTRICTS:

OWNER & APPLICANT: 2 MARC ROAD LLC ELLEN ROSENFELD

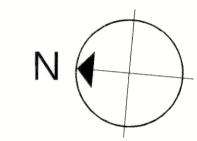
MILLIS, MA 02054 508-376-2041

BOOK 40331 PAGE 234

730 MAIN STREET, SUITE 2A

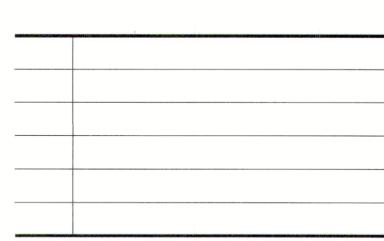
Phone: 508-734-5236 Fax: 508-734-5256





KEY PLAN Scale: N.T.S.

Drawing Status:



Commonwealth Cannabis Company

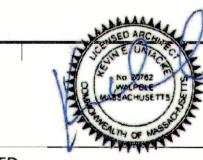
2 Marc Rd. Medway, MA

Project: Grow Facility Addition

2 Marc Rd. Medway, MA

Drawing:

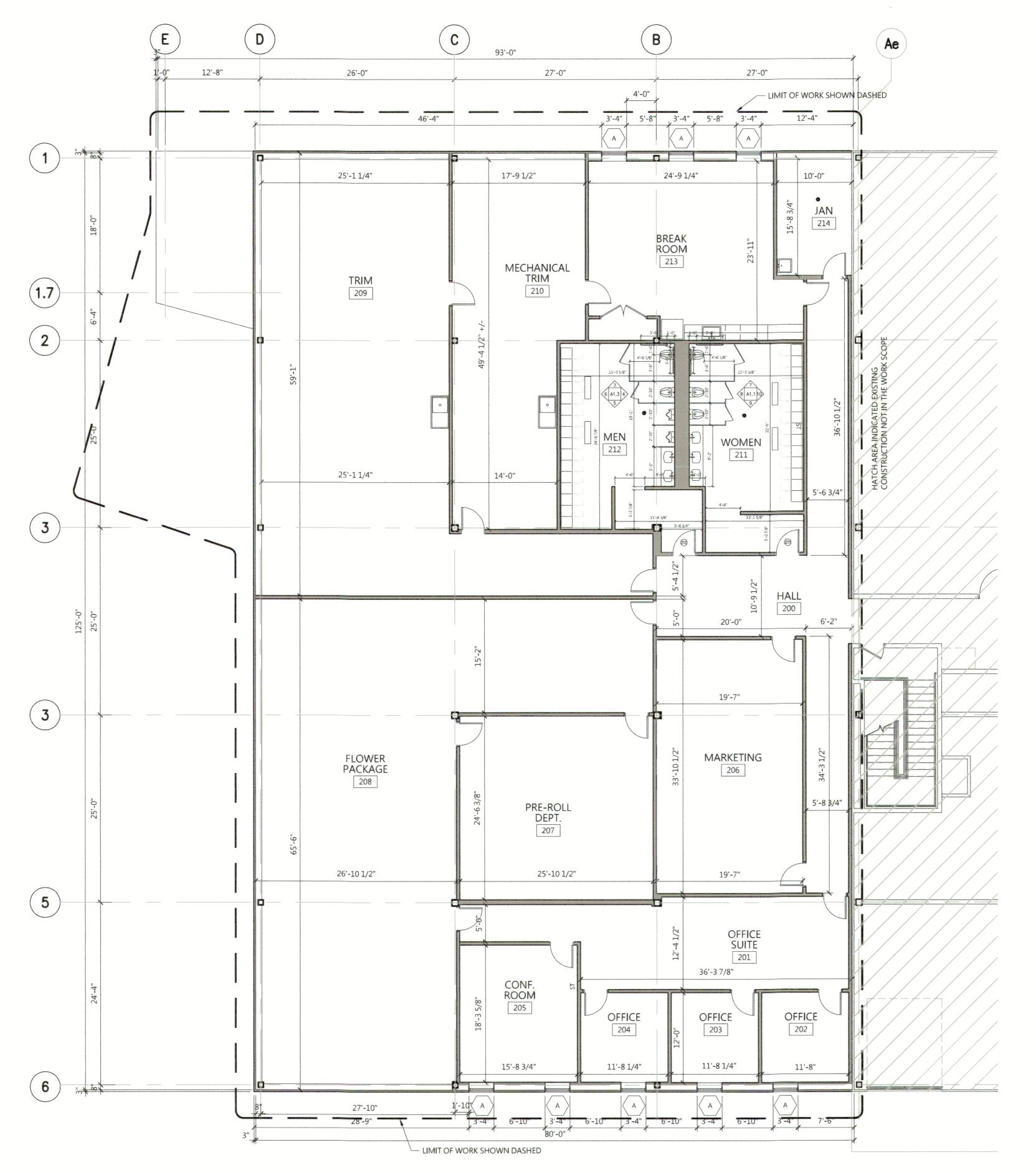
FIRST FLOOR ADDITION PLAN

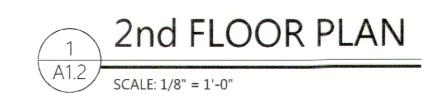


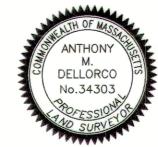
AS NOTED

12/28/2022 Date: Job Number: 21052

Drawn By: TJF Checked By: **KEU**









486 High Plain Street Walpole, MA 02081

For Registry Use

GROUNDWATER PROTECTION DISTRICT

DATE APPROVAL ISSUED: 11-22-2022

PLAN ENDORSEMENT DATE: 1-10-2023

MEDWAY PLANNING & ECONOMIC DEVELOPMENT BOARD

SITE ADDRESS:

2 MARC ROAD

MAP AND PARCEL:

MAP 33, PARCEL 001

ZONING CLASSIFICATION:

EAST INDUSTRIAL

OVERLAY DISTRICTS:

OWNER & APPLICANT: 2 MARC ROAD LLC ELLEN ROSENFELD

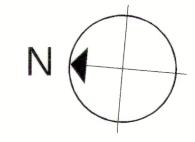
MILLIS, MA 02054 508-376-2041

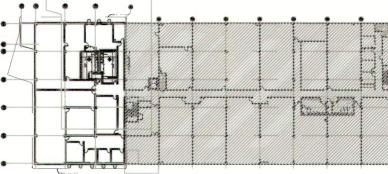
BOOK 40331 PAGE 234

730 MAIN STREET, SUITE 2A

Phone: 508-734-5236 Fax: 508-734-5256

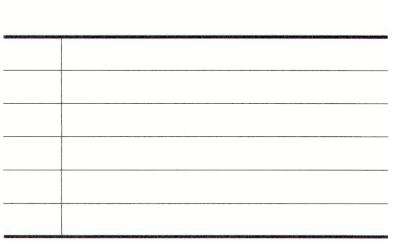






KEY PLAN Scale: N.T.S.

Drawing Status:



Client:

Commonwealth Cannabis Company

2 Marc Rd. Medway, MA

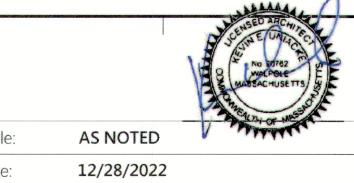
Project:

Grow Facility Addition

2 Marc Rd. Medway, MA

Drawing:

SECOND FLOOR ADDITION PLAN



I HEREBY CERTIFY THAT THE PROPERTY LINES
SHOWN ON THIS PLAN ARE THE LINES
DIVIDING EXISTING OWNERSHIPS, AND THE
LINES OF THE STREETS AND WAYS SHOWN
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OWNERSHIP OR FOR NEW WAYS ARE SHOWN.

Checked B

Anthony M. Delloyco
REGISTERED LAND SURVEYOR

I CERTIFY THAT THIS PLAN HAS BEEN

DEEDS OF THE COMMONWEALTH OF

I CERTIFY THAT THIS SURVEY AND PLAN CONFORMS TO THE ETHICAL, PROCEDURAL

AND TECHNICAL STANDARDS IN THE COMMONWEALTH OF MASSACHUSETTS.

MASSACHUSETTS.

PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF

Scale: AS NOTED

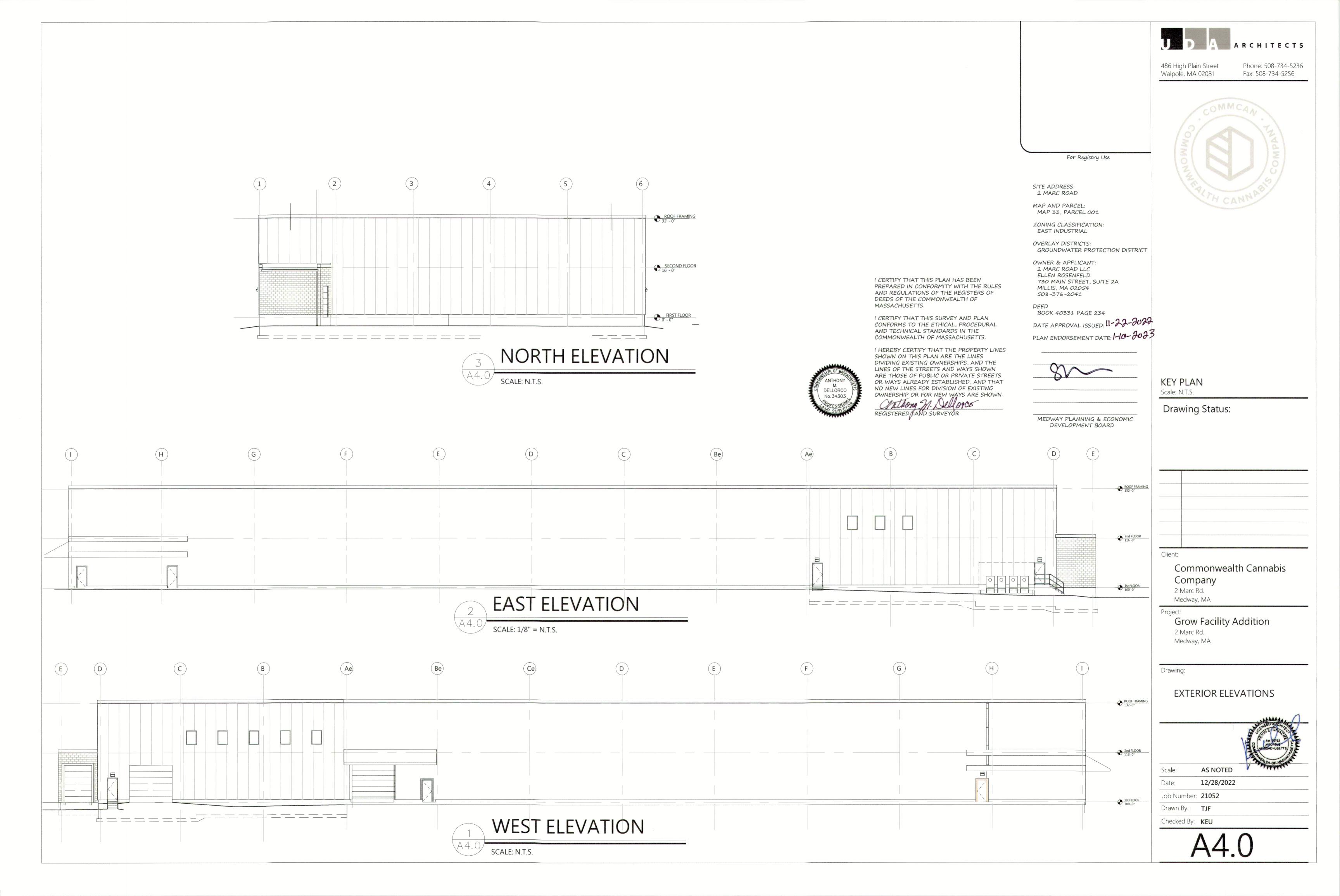
Date: 12/28/2022

Job Number: 21052

Drawn By: TJF

Checked By: KEU

41.2









LEFT REAR CORNER LOOKING SOUTH



486 High Plain Street Walpole, MA 02081

Phone: 508-734-5236 Fax: 508-734-5256



For Registry Use

SITE ADDRESS: 2 MARC ROAD

MAP AND PARCEL: MAP 33, PARCEL 001

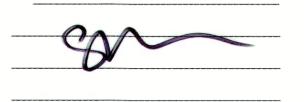
ZONING CLASSIFICATION: EAST INDUSTRIAL

OVERLAY DISTRICTS: GROUNDWATER PROTECTION DISTRICT

OWNER & APPLICANT: 2 MARC ROAD LLC ELLEN ROSENFELD 730 MAIN STREET, SUITE 2A MILLIS, MA 02054 508-376-2041

DEED BOOK 40331 PAGE 234

DATE APPROVAL ISSUED: [1-22-2022 PLAN ENDORSEMENT DATE: [-10-2023



MEDWAY PLANNING & ECONOMIC DEVELOPMENT BOARD

I CERTIFY THAT THIS PLAN HAS BEEN

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MASSACHUSETTS.

PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTERS OF

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SHOWN ON THIS PLAN ARE THE LINES DIVIDING EXISTING OWNERSHIPS, AND THE

Conthon M. Dellarco REGISTERED LAND SURVEYOR

I HEREBY CERTIFY THAT THE PROPERTY LINES

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KEY PLAN Scale: N.T.S.

Drawing Status:

Client

Commonwealth Cannabis

Company 2 Marc Rd.

Z Marc Rd. Medway, MA

oject:

Grow Facility Addition

2 Marc Rd. Medway, MA

Drawing:

EXTERIOR RENDERINGS



Scale: AS NOTED

Date: **12/28/2022**

Job Number: **21052**

Drawn By: TJF

Checked By: KEU

 $\Delta 41$