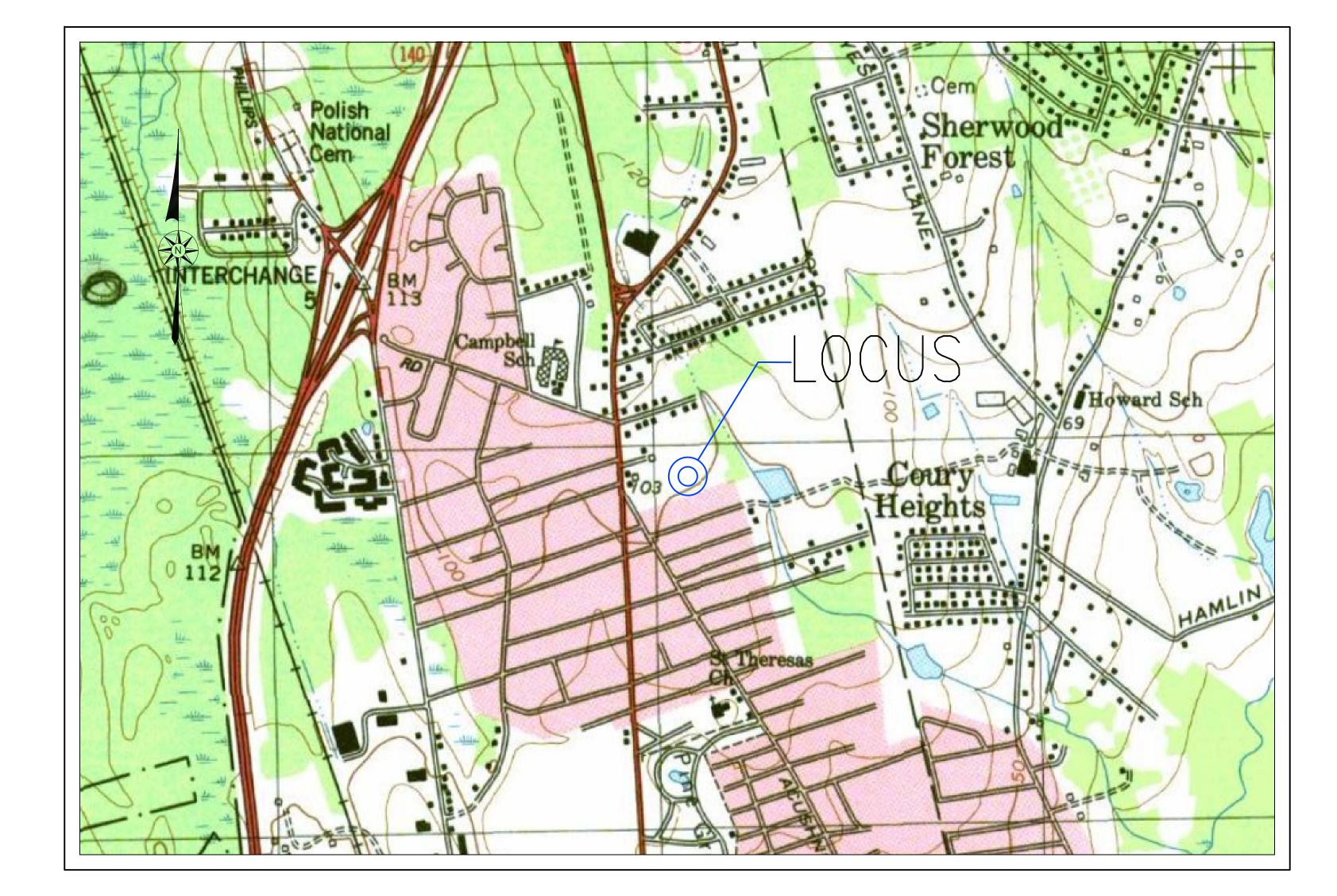
FARLAND ESTATES I DEFINITIVE SUBDIVISION PLAN ASSESSORS PLOT - LOTS NEW BEDFORD, MASSACHUSETTS

— I N D E X —		
SHEET	DESCRIPTION	
1	COVER	
2	EXISTING CONDITIONS	
3	LOTTING	
4	UTILITIES AND GRADING	
5	LANDSCAPING AND LIGHTING	
6	PROFILE	
7	DETAILS	
8	DETAILS (CONT.)	
9	NOTES & LEGEND	



WAIVERS REQUESTED

NEW BEDFORD SUBDIVISION CONTROL LAW

1. ARTICLE VI. SUBDIVISION PLAN SPECIFICATIONS AND REQUIRED CONTENTS

- SECTION B: PLAN CONTENTS (ONE TEST PIT PER LOT)

2. ARTICLE VII. REQUIRED IMPROVEMENTS

— SECTION B: STREET IMPROVEMENTS (PAVED ROADWAY WIDTH 28' IN LIEU OF 34')

3. ARTICLE VII. REQUIRED IMPROVEMENTS

— SECTION B: STREET IMPROVEMENTS (SIDEWALK ON ONE SIDE OF ROADWAY IN LIEU OF BOTH)

CODE OF ORDINANCES — CH. 9 COMPREHENSIVE ZONING

4. SECTION 5350 — DEVELOPMENT IMPACT STATEMENT

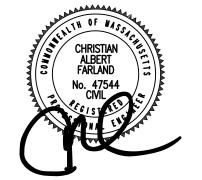
5. SECTION 5451 – ARCHITECTURAL PLANS
 6. SECTION 5452 – CONSTRUCTION COMPLETION SEQUENCE

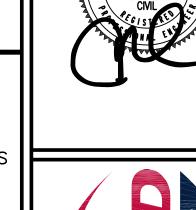
SITE PLAN REVIEW CHECKLIST

7. SECTION 8. TRAFFIC IMPACT & ACCESS STUDY

— AREA MAP — SCALE: 1"=1000'

REVISIONS





BRIAN J. MERPHY, P.L.S. #38387

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NEW BEDFORD PLANNING BOARD APPROVAL IS REQUIRED UNDER THE SUBDIVISION CONTROL LAW.

DATE APPROVED:	
DATE ENDORSED:	

CERTIFY THAT 20 DAYS HAVE ASSED SINCE PLANNING BOARD PROVAL AND NO APPEAL HAS FN FILED IN THIS OFFICE

DATE : _

CITY CLERK OF NEW BEDFORD



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401 COUNTY STREET NEW BEDFORD, MA 02740 P.508.717.3479 OFFICES IN:

TAUNTONMARLBOROUGHWARWICK, RI

DRAWN BY: MJW/CAF/SP
DESIGNED BY: CAF

CHECKED BY: CAF/BJM

TIVE SUBDIVISION PLAN FARLAND ESTATES I —— MAP 130D LOTS 388-406,412-4 BEDFORD, MASSACHUSETTS

NEW BEDF

REPARED WIH1, LLC

DECEMBER 15, 2017

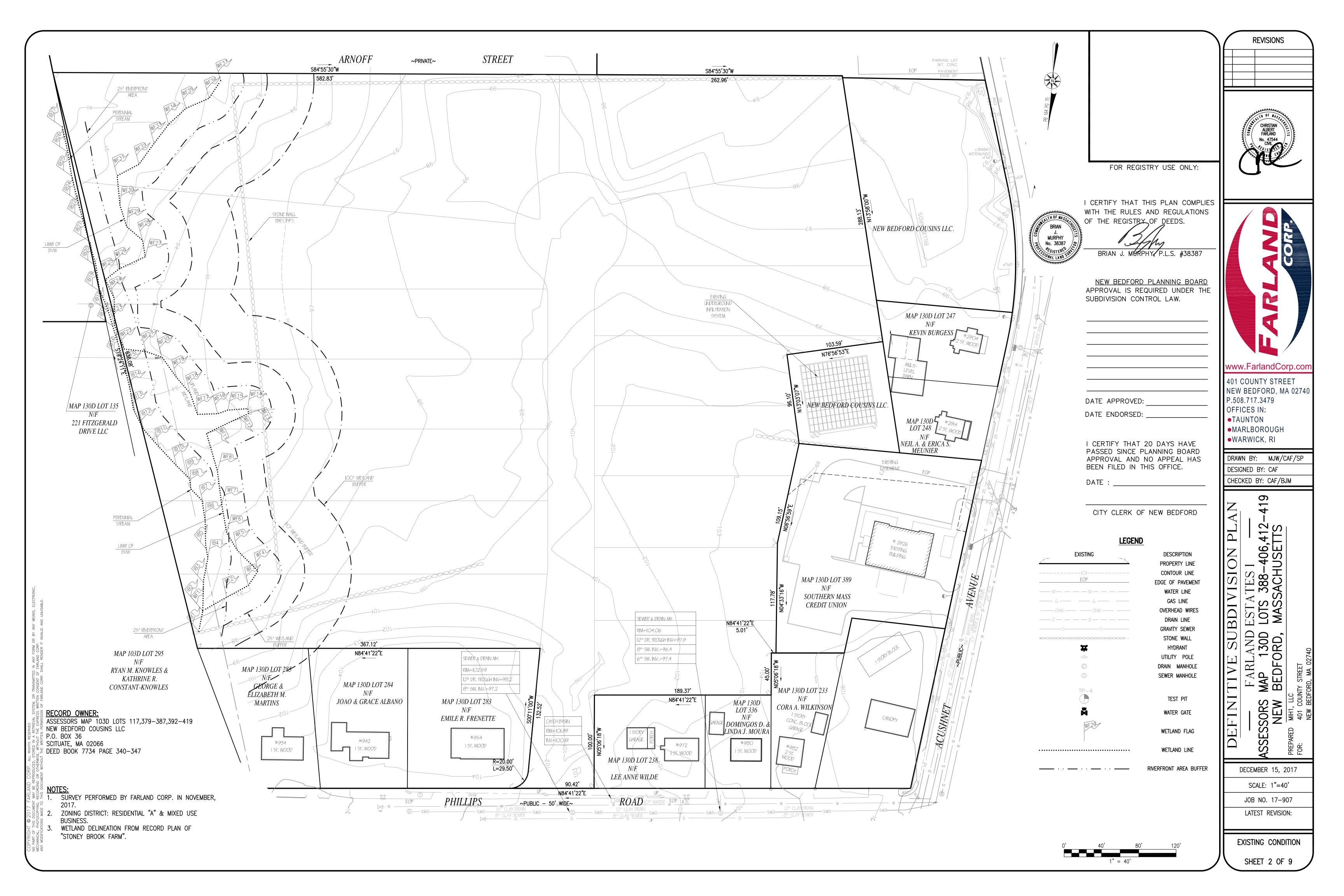
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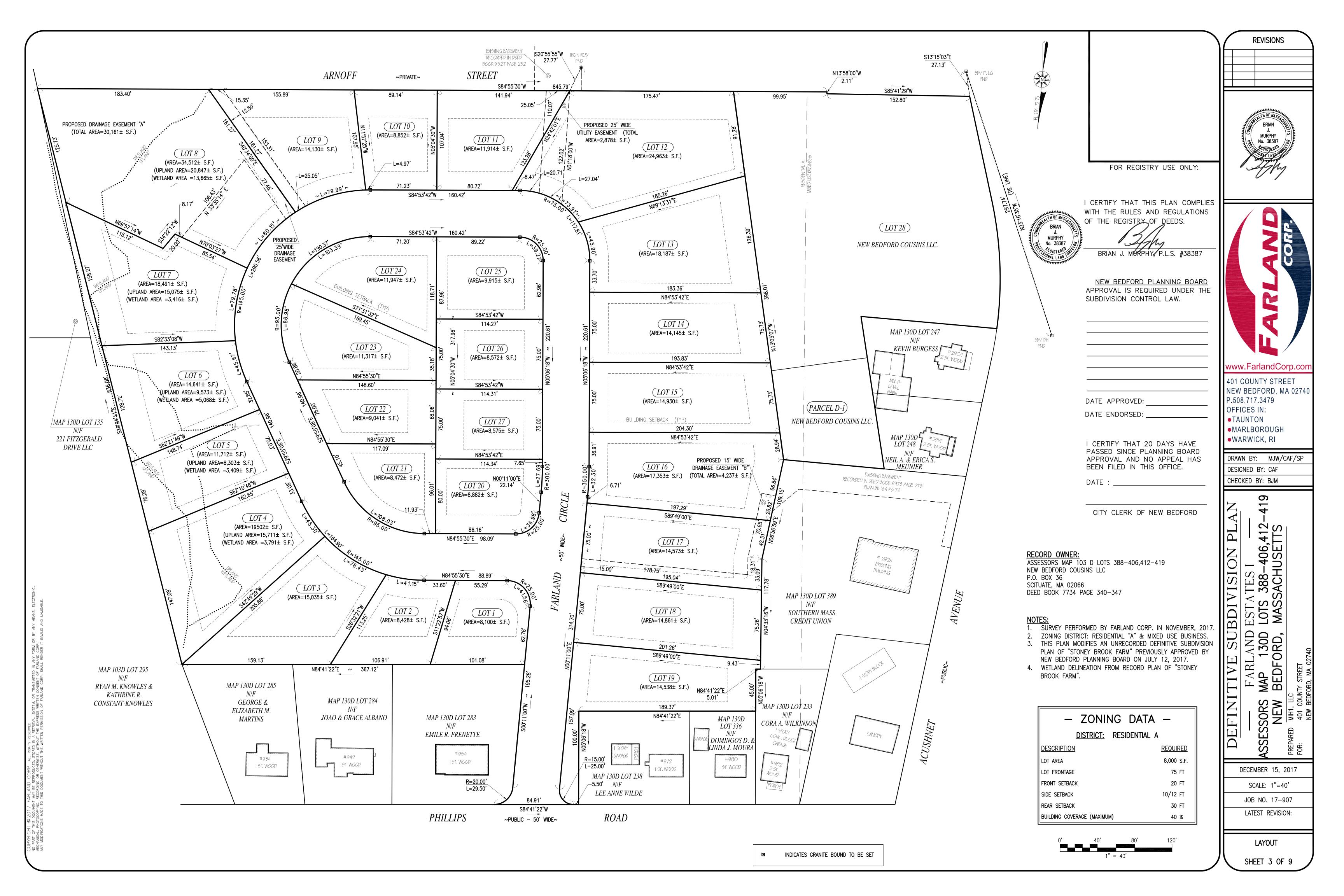
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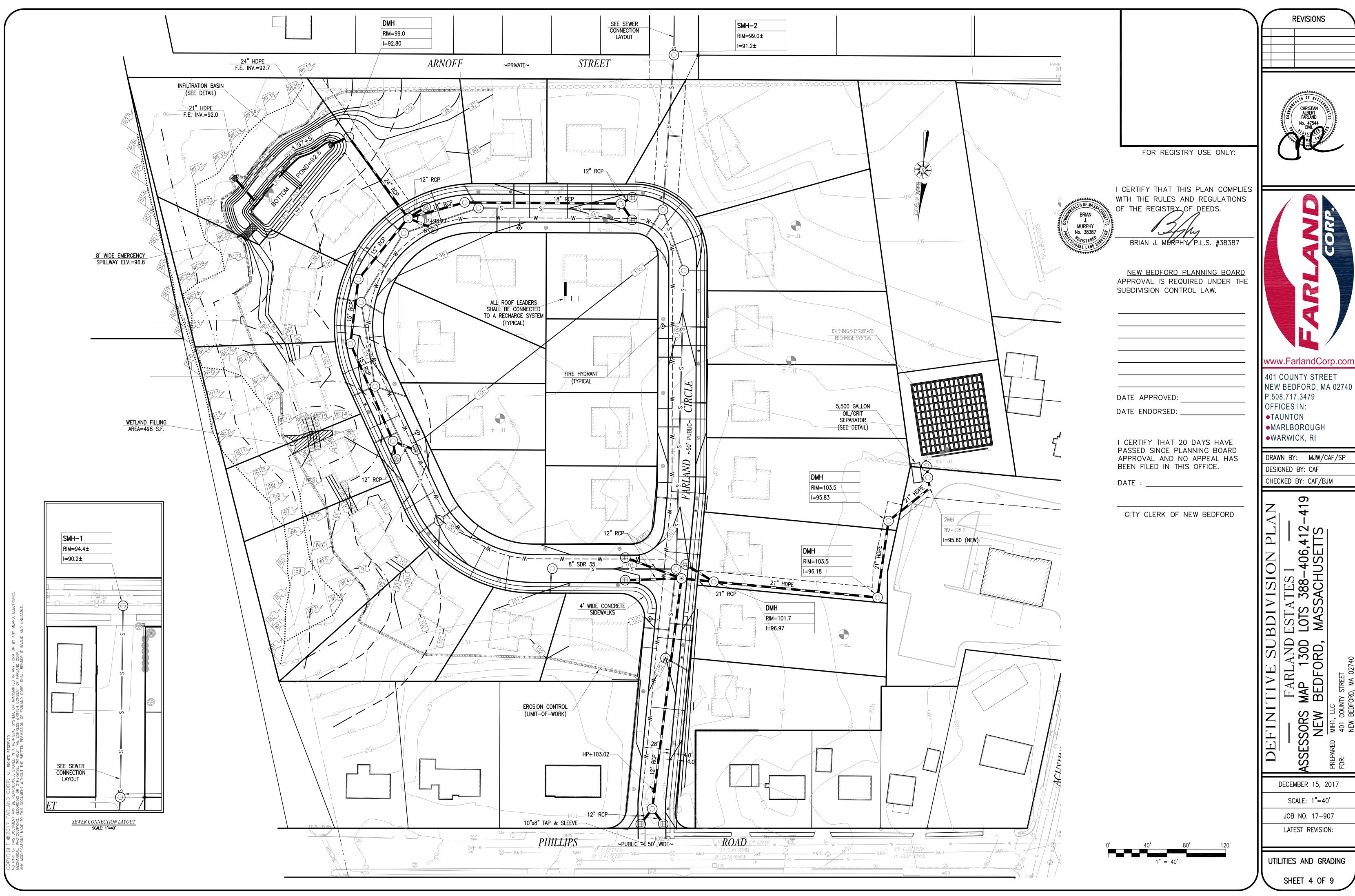
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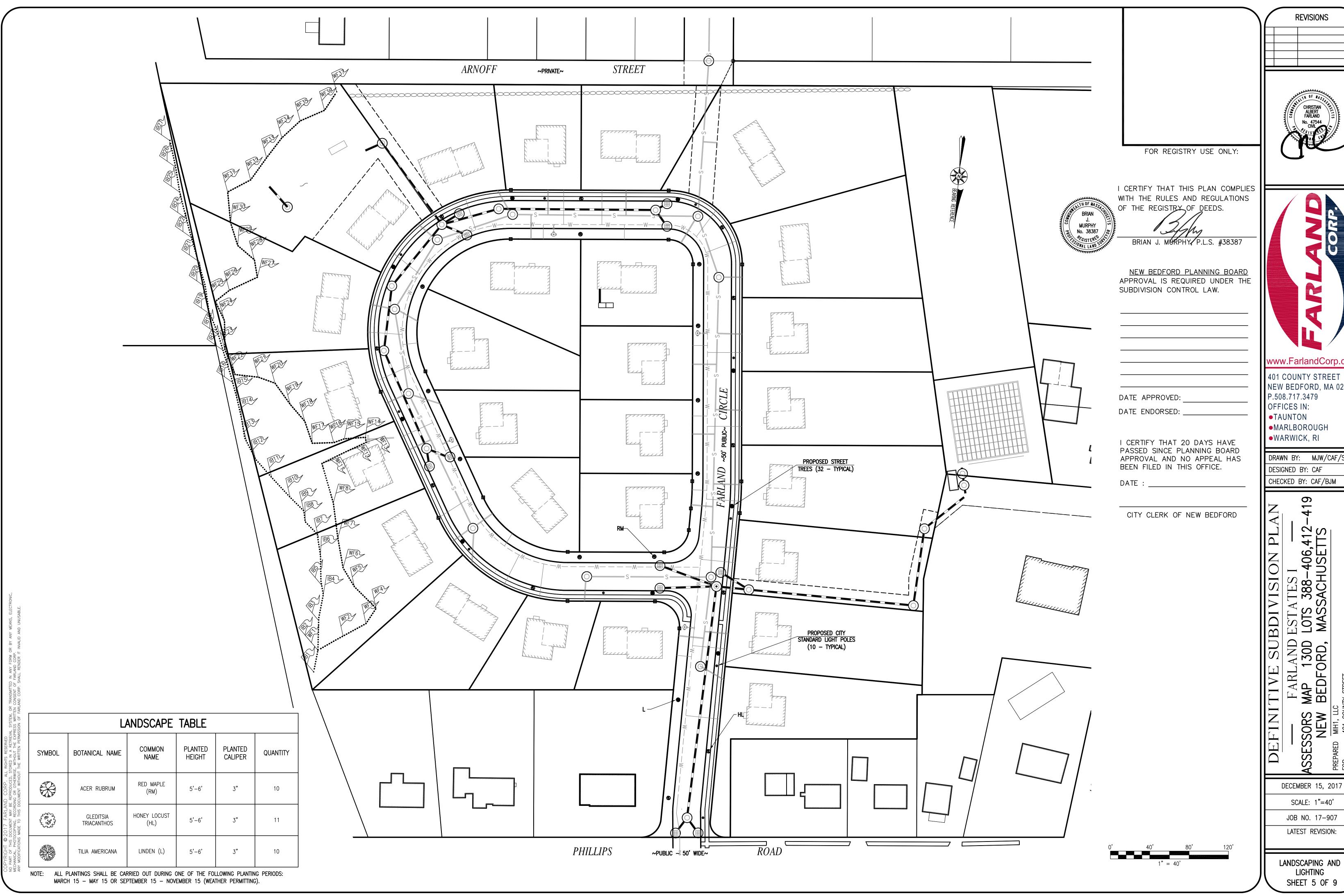
SHEET 1 OF 9















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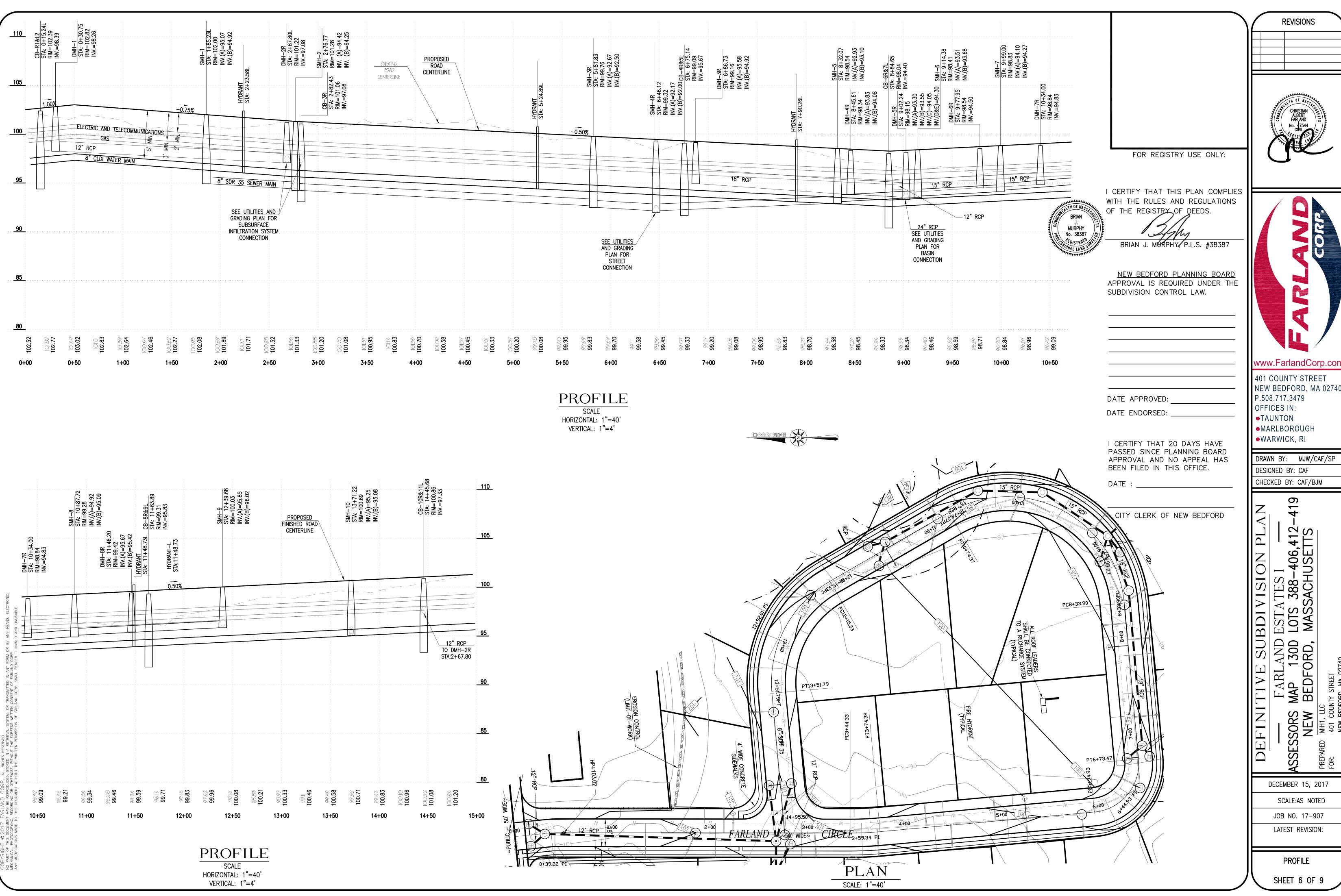
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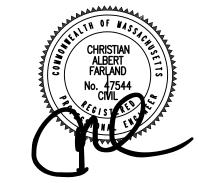
CHECKED BY: CAF/BJM

DECEMBER 15, 2017 SCALE: 1"=40' JOB NO. 17-907

LATEST REVISION:

LANDSCAPING AND



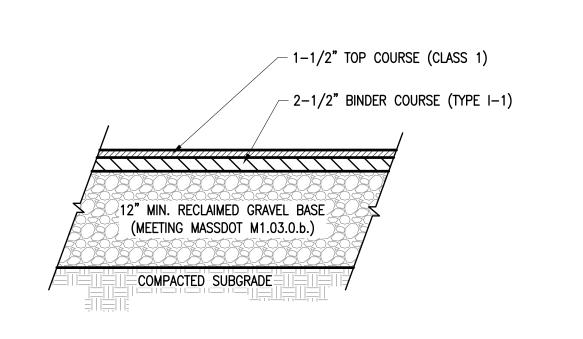




401 COUNTY STREET NEW BEDFORD, MA 02740

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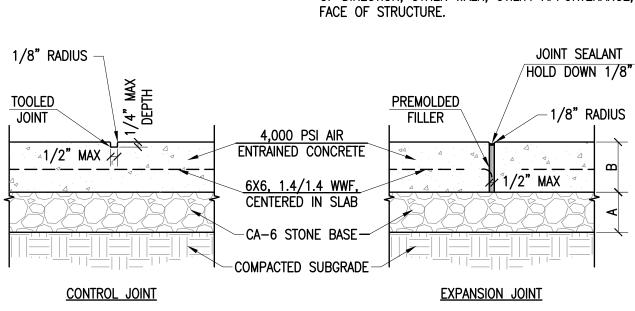
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BITUMINOUS CONCRETE PAVEMENT - RECLAIMED

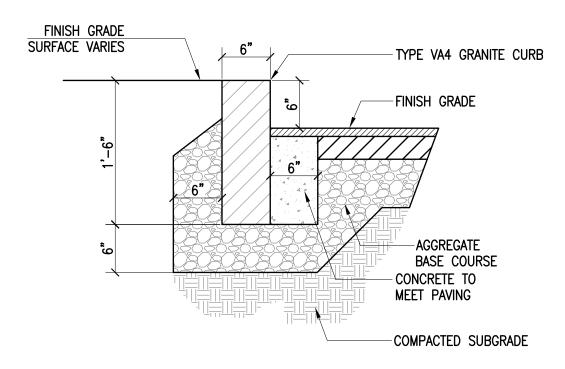
NOT TO SCALE

CONCRETE WALK 4" 4" UNLESS OTHERWISE NOTED ON PLANS, CONTRACTION JOINTS TO BE 5'-0" O.C. AND EXPANSION JOINTS TO BE 40'-0" O.C. MAX., OR AT BACK OF CURB, CHANGE OF DIRECTION, OTHER WALK, UTILITY APPURTENANCE, OR FACE OF STRUCTURE.



CONCRETE PAVEMENT SIDEWALK

NOT TO SCALE

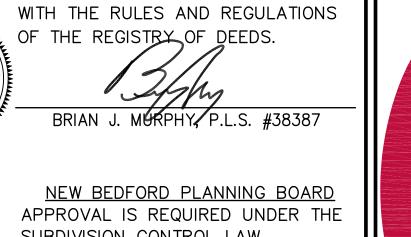


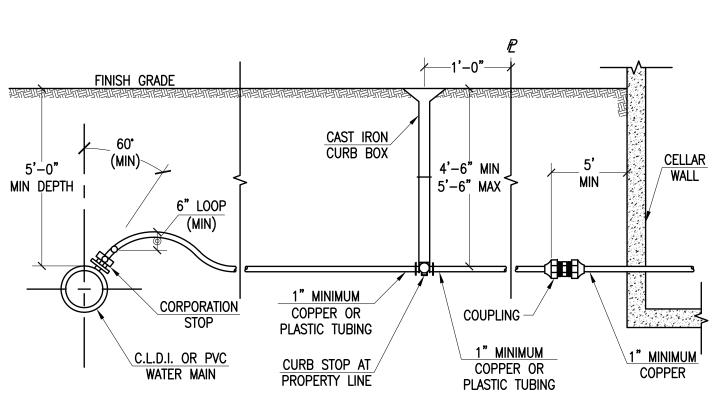
FOR REGISTRY USE ONLY:

MURPHY No. 38387

I CERTIFY THAT THIS PLAN COMPLIES WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS.

APPROVAL IS REQUIRED UNDER THE SUBDIVISION CONTROL LAW.





SIDEWALK GRASS 7.5% 6'-6" (MIN) LOW SIDE TRANSITION HIGH SIDE TRANSITION **—**►A 3'-3" (MIN) VARIES
PATH OF TRAVEL DRIVEWAY 5% TO 1 __1 ___ ROADWAY CEMENT CONCRETE (6") BITUMINOUS CONCRETE (4") FOUNDATION -SECTION A-A

3. COPOLYMER MANHOLE STEPS SHALL ECCENTRIC CONE SECTIC SEE ALT. - SEE NOTE #3 BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE -SEE NOTE #4 4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER. DIA. MANHOLE -NON-SHRINK GROUT 5. DRAIN MANHOLE FRAME SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR. (2 BRICK COURSES MIN. 5 BRICK COURSES 2'-0" DIA. -12" COMPACTED GRAVEL OPENING TYP. COMPACTED SUBGRADE 4'-0" - CEMENT CONCRETE INVERT DIA. MANHOLE SHELF TO BE FORMED AT PER FOOT (FOR PIPE 18" ALTERNATE TOP SLAB (STEEL REINFORCED FOR AND LARGER)

- SEE NOTE #5

NOTES:

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.

2. PROVIDE "V" KNOCKOUTS

CLEARANCE TO OUTSIDE OF

PIPE. MORTAR ALL PIPE CONNECTIONS.

HS-20 LOADING)

5. FRAME AND GRATE TO BE

WITH SG-1 GRATE.

EQUAL TO LEBARON LK 120 (3

FLANGE) OR LK 121 (4 FLANGE)

DOUBLE FRAME AND GRATE SHALL

BE LEBARON TYPE R-3531 B OR

APPROVED EQUAL BY THE

FOR PIPES WITH 1" MAX.

DRAIN MANHOLE

VERTICAL GRANITE CURB

DIA. ACCESS

FINISH GRADE

NOT TO SCALE

NOT TO SCALE

I CERTIFY THAT 20 DAYS HAVE PASSED SINCE PLANNING BOARD APPROVAL AND NO APPEAL HAS BEEN FILED IN THIS OFFICE.

DATE : _____

DATE APPROVED

DATE ENDORSED

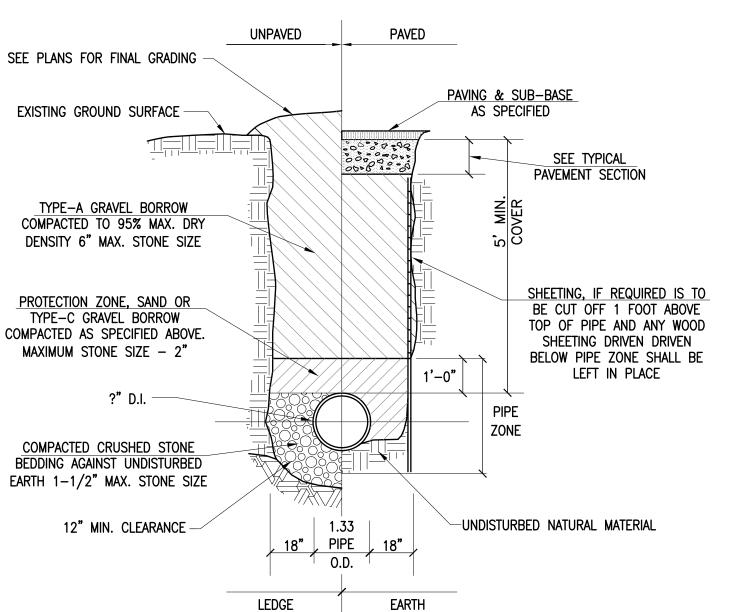
CITY CLERK OF NEW BEDFORD

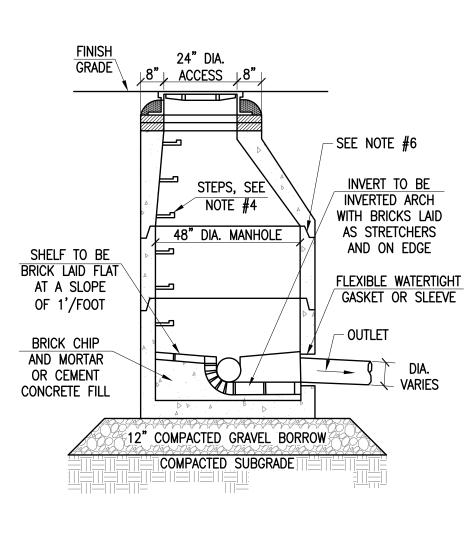
TYPICAL WATER TRENCH

NOT TO SCALE

WATER SERVICE CONNECTION NOT TO SCALE

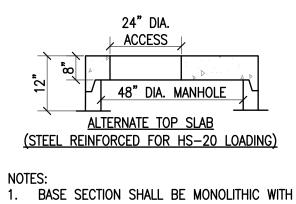
DRIVEWAY CURB CUT WITH GRASS STRIP NOT TO SCALE





SANITARY SEWER MANHOLE

NOT TO SCALE



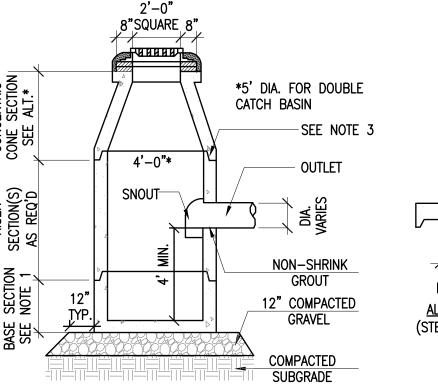
A 48" INSIDE DIAMETER. 2. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. CONCRETE SHALL BE COMPRESSIVE STRENGTH 4000 PSI TYPE II CEMENT. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE. 5. ALL EXTERIOR SURFACES SHALL BE GIVEN TWO COATS OF BITUMINOUS WATER PROOFING MATERIAL. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL STANDARD SEWER MANHOLE FRAME SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2

BRICK COURSES TYPICALLY, 5 BRICK COURSES MAX.)

1. ALL SECTIONS 3. JOINT SEALANT BETWEEN SHALL BE DESIGNED PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER. FOR HS-20 LOADING. 2. PROVIDE "V" KNOCKOUTS 4. CATCH BASIN FRAME SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND FOR PIPES WITH 1" MAX. CLEARANCE TO OUTSIDE OF

PIPE. MORTAR ALL PIPE

CONNECTIONS.



MORTAR. (2 BRICK COURSES MIN.

5 BRICK COURSES MAX.)

DIA. CATCH BASIN ALTERNATE TOP SLAB (STEEL REINFORCED FOR HS-20 LOADING)

2'-0" SQUARE

OPENING TYP

чинини

CATCH BASIN

NOT TO SCALE

SUBDIVISION PLA AND ESTATES I ——130D LOTS 388—406,412—3RD, MASSACHUSETTS rARL MAP 1 BEP^r DEFINITIVE SSE

DRAWN BY: MJW/CAF/SP DESIGNED BY: CAF CHECKED BY: BJM 0 $\overline{}$

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401 COUNTY STREET

P.508.717.3479

MARLBOROUGH

•WARWICK, RI

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REVISIONS

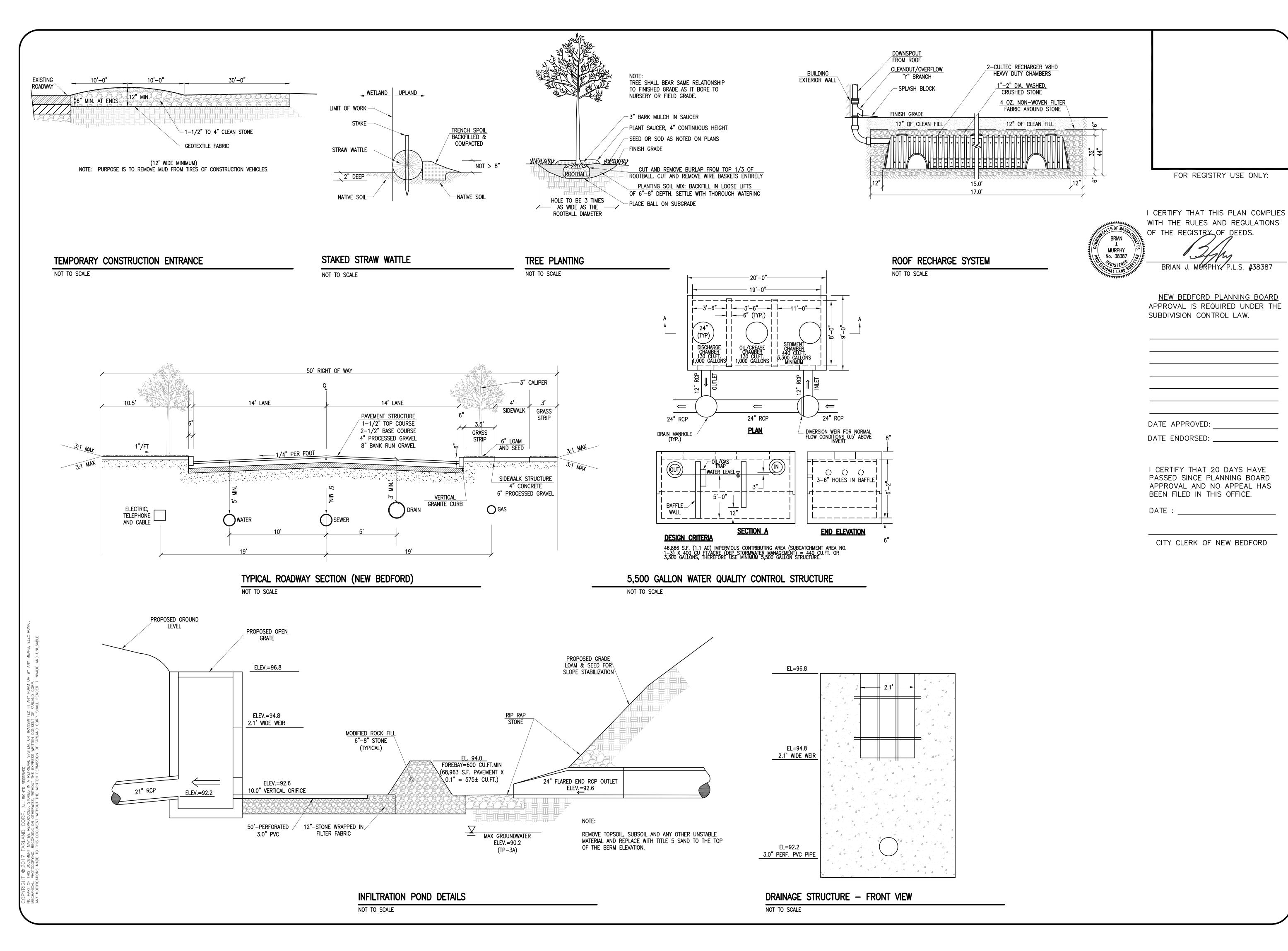
ARLAND P 130D DFORD,

SSORS

DECEMBER 15, 2017 SCALE: AS NOTED

JOB NO. 17-907 LATEST REVISION:

DETAILS SHEET 7 OF 9



REVISIONS





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401 COUNTY STREET NEW BEDFORD, MA 02740 P.508.717.3479 OFFICES IN: TAUNTON •MARLBOROUGH WARWICK, RI

DATE : _____

CITY CLERK OF NEW BEDFORD

FOR REGISTRY USE ONLY:

BRIAN J. MURPHY, P.L.S. #38387

DRAWN BY: MJW/CAF/SP DESIGNED BY: CAF CHECKED BY: BJM

419 ESTATES I —— LOTS 388—406,412— MASSACHUSETTS SUBDIVISION

ASSESSORS NEW

DECEMBER 15, 2017

SCALE: AS NOTED JOB NO. 17-907

LATEST REVISION:

DETAILS SHEET 8 OF 9

GENERAL CONSTRUCTION NOTES

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR 2. COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIG SAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES INTERFERING WITH THE

PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN

- VERTICAL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988 AND HORIZONTAL LOCATIONS REFER TO THE NORTH AMERICAN DATUM (NAD) OF 1983.
- 4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL STANDARDS AND
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE WORK.
- 6. ALL BENCHMARKS SHOWN ON THIS PLAN ARE TO BE CHECKED FOR CONSISTENCY BY THE CONTRACTOR. ANY DISCREPANCIES MUST BE RESOLVED BY THIS OFFICE PRIOR TO CONSTRUCTION.
- WHERE PROPOSED PAVEMENT AND WALKS ARE TO MEET EXISTING, THE CONTRACTOR SHALL SAWCUT A NEAT LINE AND MATCH GRADE. SEAL ALL JOINTS WITH HOT BITUMINOUS ASPHALT JOINT SEALER. 8. CURBING TO BE AS INDICATED ON THE PLANS.
- 9. ALL EXISTING TREES, SHRUBS AND GROUND COVER WHERE NATURAL GRADE IS TO BE RETAINED SHALL BE KEPT
- IN THEIR EXISTING STATE UNLESS REMOVAL IS REQUIRED FOR CONSTRUCTION PURPOSES 10. ALL AREAS DISTURBED BY CONSTRUCTION AND NOT TO BE PAVED OR OTHERWISE TREATED AS NOTED ON PLAN SHALL BE TREATED WITH 4" OF LOAM, SEEDED AND HAY MULCHED FOR EROSION CONTROL.
- 11. SITE IMPROVEMENTS SHALL CONFORM TO A.D.A. SPECIFICATIONS.
- 12. LIGHTING SHALL BE DIRECTED ON SITE AND AWAY FROM TRAFFIC INTERFERENCE. 13. TEST PITS AND/OR BORINGS WERE TAKEN FOR THE PURPOSE OF DESIGN AND SHOW CONDITIONS AT BORING

PROPERTY LINE SURVEY PERFORMED BY FARLAND CORP. IN NOVEMBER OF 2017.

- POINTS ONLY. THEY DO NOT NECESSARILY SHOW THE NATURE OF ALL MATERIALS TO BE ENCOUNTERED DURING
- 14. THE CONTRACTOR SHALL PROTECT AND/OR CAP OFF ALL EXISTING ON-SITE UTILITY SERVICES ACCORDING TO THE LOCAL AUTHORITY'S SPECIFICATIONS. SERVICES SHALL BE CAPPED OFF WHERE SAME ENTER THE PERIMETER OF
- 15. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL CONSTRUCTION DOCUMENTS, SPECIFICATIONS AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION
- 16. ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION. 17. THESE PLANS ARE PERMITTING PLANS AND SHALL NOT TO BE USED FOR CONSTRUCTION. A FINAL SET OF

STAMPED PLANS FOR CONSTRUCTION WILL BE ISSUED AFTER RECEIVING FINAL APPROVAL FROM THE LOCAL AND/OR

CONSTRUCTION SEQUENCING NOTES

STATE DEPARTMENTS.

- CONSTRUCT TEMPORARY AND PERMANENT EROSION CONTROL FACILITIES. EROSION CONTROL FACILITIES SHALL BE INSTALLED PRIOR TO ANY EARTH MOVING.
- TREE PROTECTION FENCE SHALL BE INSTALLED AND APPROVED BY THE OWNER REPRESENTATIVE PRIOR TO ANY
- ALL PERMANENT DITCHES AND SWALES ARE TO BE STABILIZED WITH VEGETATION OR RIP RAP PRIOR TO DIRECTING
- CLEAR CUT, DEMOLISH AND DISPOSE OF EXISTING SITE ELEMENTS NOT TO REMAIN
- STORMWATER SHALL NOT BE DIRECTED TOWARDS THE INFILTRATION BASINS UNTIL THE ENTIRE CONTRIBUTING
- 6. GRADE AND GRAVEL ALL PAVED AREAS. ALL PROPOSED PAVED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER
- BEGIN ALL PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED IMMEDIATELY AFTER THEIR CONSTRUCTION.
- 8. DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINS, DITCHES, SILT FENCES AND MULCH AND SEED
- FINISH PAVING ALL HARD SURFACE AREAS.
- 10. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES. 11. COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- REMOVE TEMPORARY EROSION CONTROL MEASURES.
- 13. THE CONSTRUCTION SEQUENCE SHALL BE CONFINED TO THE LIMIT OF WORK AS SHOWN ON THE DRAWINGS. 14. UPON COMPLETION OF CONSTRUCTION THE OWNER SHALL AGREE TO MAINTAIN AND CLEAN ALL DRAINAGE STRUCTURES AS REQUIRED.

SITE PREPARATION NOTES

- WITHIN THE LIMIT OF WORK LINE AS NOTED ON THE SITE PLANS, REMOVE AND DISCARD ALL CONCRETE PAVEMENT, BITUMINOUS CONCRETE PAVEMENT, BRICK PAVEMENT, TOP SOIL, MULCH, TRASH, DEAD TREES AND STUMPS, SHRUBBERY, CHAIN LINK FENCE POSTS, RAILS, FABRIC, GATES, FOOTINGS AND ALL APPURTENANCES, BOLLARDS, POSTS, CONCRETE FOOTINGS AND FOUNDATIONS, WALLS AND CURBS UNLESS OTHERWISE NOTED.
- 2. THE OWNER'S REPRESENTATIVE SHALL BE CONSULTED AND WILL REVIEW THE WORK ON SITE WITH THE CONTRACTOR BEFORE ANY WORK SHALL COMMENCE.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO THE OWNER'S REPRESENTATIVE PRIOR TO STARTING WORK. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONDITIONS TO REMAIN THAT ARE DUE TO
- CONTRACTOR OPERATIONS. ALL 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 CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS EFFORTS OF THE DEMOLITION WITH ALL TRADES. THE CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ABANDONMENT OF UTILITIES WITH THE RESPECTIVE
- UTILITY COMPANY. THE CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADES AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MANHOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED OR DIRECTED BY THE OWNER'S REPRESENTATIVE.

UTILITY AND GRADING NOTES

- ALL ON-SITE STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) OR RCP, UNLESS NOTED OTHERWISE.
- HDPE PIPE SHALL CONFORM WITH AASHTO DESIGNATIONS M294 AND M252, SHALL BE MANUFACTURED WITH HIGH DENSITY POLYETHYLENE PLASTIC AND SHALL BE ADS N-12 PIPE AS MANUFACTURED BY ADVANCE DRAINAGE SYSTEM, INC. OR HANCOR HI Q PIPE AS MANUFACTURED BY HANCOR, INC. OR APPROVED EQUAL UNLESS OTHERWISE NOTED OR DETAILED.
- A MINIMUM OF 18" VERTICAL CLEARANCE SHALL BE MAINTAINED WHERE WATER SERVICES CROSS STORM DRAIN LINES.
- ALL SERVICE CONNECTIONS SHALL BE INSTALLED TO A POINT OF 10 FEET FROM THE BUILDING WALL UNLESS OTHERWISE NOTED OR DETAILED.
- ALL WATER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 5 FEET OF COVER AND A MAXIMUM OF 6 FEET OF COVER EXCEPT AS NOTED OR DETAILED OTHERWISE. GREATER DEPTHS ARE PERMITTED WHERE REQUIRED TO
- GENERALLY, WATER MAIN FITTINGS IDENTIFIED ON THIS DRAWING ARE SHOWN FOR INSTALLATION LOCATION PURPOSE. THE CONTRACTOR SHALL NOTE THAT NOT ALL FITTINGS ARE NOTED, SHOWN OR INDICATED.
- ALL WATER MAIN FITTINGS, TEES, BENDS, HYDRANTS, ETC. SHALL BE RESTRAINED WITH CONCRETE THRUST BLOCKS. 8. ALL HYDRANTS SHALL BE INSTALLED WITH A 6" C.L.D.I. RUNOUT AND SHALL BE INSTALLED WITH APPROPRIATELY SIZED GATE VALVE, BOX, AND TEE FITTING. ALL HYDRANTS SHALL MEET LOCAL MUNICIPAL SPECIFICATION REQUIREMENTS AND SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL MUNICIPAL REQUIREMENTS.
- DOMESTIC WATER SERVICES 2.5" AND SMALLER SHALL BE TYPE K COPPER TUBING AND SHALL BE INSTALLED WITH APPROPRIATELY SIZED CORPORATION STOP AND APPROVED SADDLE CURB STOP, AND BOX, USING MATERIALS SPECIFIED BY THE MUNICIPAL WATER DEPARTMENT OR COMPANY.
- 10. ALL WATER MAINS 3" AND LARGER SHALL BE CEMENT LINED DUCTILE IRON CLASS 52, AND SHALL BE INSTALLED WITH APPROPRIATELY SIZED FITTINGS AND GATE VALVES. 11. ALL WATER MAIN APPURTENANCES, MATERIALS, METHODS OF INSTALLATION AND TESTING REQUIREMENTS SHALL
- MEET OR EXCEED ALL LOCAL MUNICIPAL REQUIREMENTS. 12. PRESSURE AND LEAKAGE TEST, DISINFECTION AND FLUSHING SHALL BE IN ACCORDANCE WITH ALL LOCAL MUNICIPAL STANDARDS AND REQUIREMENTS. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL COSTS IN
- 13. PRIMARY WATER METER AND BACKFLOW PREVENTER SHALL BE LOCATED AT THE POINT WHERE THE WATER LINE ENTERS THE BUILDING UNLESS OTHERWISE NOTED OR DETAILED ON THE DRAWINGS.
- 14. ALL GRAVITY SEWER PIPE SHALL BE PVC PER ASTM D3034, SDR-35 AND ASTM D1784 WITH RUBBER GASKET

CONNECTION WITH UTILITY TESTS, FLUSHING AND INSPECTIONS AS REQUIRED BY THE LOCAL MUNICIPALITY.

- 15. WHERE SANITARY SEWERS CROSS WATER LINES, THE SEWER SHALL BE LAID AT SUCH AN ELEVATION THAT THE CROWN OF THE SEWER IS AT LEAST EIGHTEEN INCHES BELOW THE INVERT OF THE WATER MAIN. IF THE ELEVATION OF THE SEWER CANNOT BE VARIED TO MEET THIS REQUIREMENT. THE WATER MAIN SHALL BE RELOCATED TO PROVIDE THIS SEPARATION OR CONSTRUCTED WITH MECHANICAL JOINT PIPE FOR A DISTANCE OF TEN FEET ON EACH SIDE OF THE SEWER. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR AS THE SEWER AS POSSIBLE. IF MECHANICAL JOINT PIPE IS NOT USED THAN BOTH THE WATER MAIN AND SANITARY SEWER SHALL BE ENCASED IN CONCRETE FOR A MINIMUM DISTANCE OF 10 FEET FROM THE CROSSING POINT OF THE OTHER PIPE AS MEASURED NORMALLY FROM ALL POINTS ALONG THE PIPE.
- 16. DUE TO THE SMALL SCALE OF THE SITE WORK DRAWINGS, EXACT LOCATION OF UTILITY STUBS FOR BUILDING CONNECTIONS SHALL BE VERIFIED WITH THE BUILDING DRAWINGS. SERVICE STUBS TO THE BUILDING SHALL BE INSTALLED TO A POINT 10 FEET FROM THE BUILDING WALL UNLESS OTHERWISE NOTED OR DETAILED.
- 17. BEFORE THE DEVELOPMENT SITE IS GRADED, THE AREA OF THE DRAINAGE BASINS SHOULD BE FENCED OFF TO PREVENT HEAVY EQUIPMENT FROM COMPACTING THE UNDERLYING SOIL.
- 18. WHERE PROPOSED GRADES MEET EXISTING GRADES, CONTRACTOR SHALL BLEND GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK. PONDING AT TRANSITION AREAS WILL NOT BE ALLOWED.
- 19. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS AND STRUCTURES 20. MAXIMUM SLOPE IN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
- 21. CONTRACTOR SHALL VERIFY EXISTING GRADES AND NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES. 22. CONTRACTOR SHALL ADJUST UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
- 23. 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 THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER'S REPRESENTATIVE FOR RESOLUTION OF THE CONFLICT.
- 24. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF ALL GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
- 25. ELECTRICAL DUCT BANK LOCATION IS SHOWN FOR COORDINATION PURPOSES, REFER TO ELECTRICAL PLANS FOR SECTIONS AND DETAILS OF THE UTILITY DUCT BANK.
- 26. THE LOCATION, SIZE, DEPTH AND SPECIFICATIONS FOR CONSTRUCTION OF PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY AND APPROVED BY THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE AND ELECTRICAL). FINAL DESIGN AND LOCATIONS AT THE BUILDING WILL BE PROVIDED BY THE ARCHITECT. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE UTILITY CONNECTIONS WITH THE RESPECTIVE COMPANIES PRIOR TO ANY UTILITY CONSTRUCTION.

LAYOUT AND MATERIAL NOTES

- 1. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL CONSTRUCTION DOCUMENTS. SPECIFICATIONS AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION.
- 2. ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATTIVE FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION. 3. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND ALL DETAILS CONTIGUOUS TO THE BUILDING
- INCLUDING SIDEWALKS, RAMPS, UTILITY ENTRANCE LOCATIONS, WALL PACKS, CONCRETE DOOR PADS, ROOF DRAINS, ACCESSIBLE CURB RAMPS SHALL BE PER THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD AND THE
- AMERICANS WITH DISABILITIES ACT ACCESSIBLITY GUIDELINES, WHICHER IS MORE STRINGENT.
- THE FOLLOWING LAYOUT CRITERIA SHALL CONTROL UNLESS OTHERWISE NOTED ON THE PLAN:
- ALL DIMENSIONS ARE TO OUTSIDE FACE OF BUILDING.
- ALL DIMENSIONS ARE TO FACE OF CURB AT GUTTER LINE. ALL DIMENSIONS ARE TO CENTER OF PAVEMENT MARKINGS.
- ALL TIES TO PROPERTY LINES ARE PERPENDICULAR TO THE PROPERTY LINE UNLESS OTHERWISE NOTED.

- 2. A COPY OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE MAINTAINED ON THE PROJECT SITE DURING
- 3. SOIL EROSION AND SEDIMENT CONTROL PRACTICES IN THE PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- GRADING OPERATIONS AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
- IS COMPLETED AND/OR THE AREA IS STABILIZED
- BASIS AND AFTER EVERY STORM EVENT.
- AFTER CONSTRUCTION RESTS WITH THE GENERAL CONTRACTOR. UPON ACCEPTANCE OF THE PROJECT, THE OWNER SHALL BECOME RESPONSIBLE FOR MAINTENANCE OF ANY REMAINING MEASURES AND FACILITIES.
- 9. THE CONSERVATION COMMISSION AND/OR ENGINEER MAY REQUIRE ADDITIONAL SOIL EROSION MEASURES TO BE
- INSTALLED, AS DIRECTED BY THE DISTRICT INSPECTOR. 10. ADJOINING PROPERTIES SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS AT ALL TIMES.
- 11. THE CONTRACTOR SHALL UTILIZE ALL METHODS NECESSARY TO PREVENT BLOWING AND MOVEMENT OF DUST FROM THE EXPOSED SOIL SURFACES.
- 13. A CRUSHED STONE TIRE CLEANING PAD WILL BE INSTALLED WHEREVER A CONSTRUCTION ENTRANCE EXISTS. SEE
- 14. ALL CATCH BASIN INLETS SHALL BE PROTECTED DURING CONSTRUCTION AS DETAILED ON THE PLAN, IF APPLICABLE.
- 15. ALL STORM DRAINAGE OUTLETS SHALL BE PROTECTED AS REQUIRED HEREON BEFORE DISCHARGE POINTS BECOME
- 16. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO
- 17. LAND AREAS EXPOSED AT ANY ONE TIME AND THE LENGTH OF EXPOSURE SHALL BE KEPT TO A PRACTICAL
- 18. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN SIXTY (60) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION. IF THE SEASON
- 20. IMMEDIATELY AFTER COMPLETION OF STRIPPING AND STOCKPILING OF TOPSOIL, SEED THE STOCKPILE WITH ANNUAL RYE GRASS. STABILIZE TOPSOIL STOCKPILES WITH STRAW MULCH FOR PROTECTION IF THE SEASON DOES NOT PERMIT THE APPLICATION AND ESTABLISHMENT OF TEMPORARY SEEDING
- 21. SOIL STOCKPILES ARE NOT TO BE LOCATED WITHIN FIFTY (50) FEET OF WETLANDS, THE FLOODPLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITIES. THE BASE OF ALL STOCKPILES SHALL BE PROTECTED BY A HAY BALE BARRIER
- OR SEDIMENT FENCE. LOCATIONS ARE DELINEATED ON THE PLAN. 22. MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 UNLESS
- 23. ALL AREAS NOT STABILIZED BY CONSTRUCTION, SODDING OR LANDSCAPING SHALL BE SEEDED AND STABILIZED IN
- 24. MULCHING IS REQUIRED ON ALL SEEDED AREAS TO INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED TO
- 25. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTRATION DEVICE. THE SEDIMENT FILTER MUST BE CAPABLE OF FILTERING THE SEDIMENT AND BE PLACED SO AS NOT TO CAUSE EROSION OF THE DOWNSTREAM AREA.

GENERAL PLANTING NOTES

- ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN OR THE PLANT MATERIAL WILL BE UNACCEPTABLE. ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES, VARIETY, SIZE AND BE CERTIFIED DISEASE AND INSECT FREE. THE OWNER AND/OR THE LANDSCAPE ARCHITECT RESERVES THE
- ALL PLANT MATERIAL SHALL BE PROPERLY GUYED, STAKED, WRAPPED, AND PLANTED IN CONFORMANCE WITH THE TYPICAL PLANTING DETAILS. GUY WIRES SHALL BE ATTACHED TO THE TREE AT A HEIGHT OF TWO-THIRDS THE HEIGHT OF THE TREE AND SHOULD BE LOCATED AT POINTS SO AS NOT TO SPLIT THE TRUNK OF MULTI-STEMMED TREES. PROVIDE THREE STAKES PER TREE UNLESS NOTED OTHERWISE INSTALL ALL PLANT MATERIAL ON UNDISTURBED GRADE. PROVIDE BURLAP WRAPPING WITH A 50% OVERLAP. CUT AND REMOVE BURLAP FROM TOP
- TOP SOIL, PEAT MOSS, AND PARENT MATERIAL. IF WET SOIL CONDITIONS EXIST THEN PLANTING PITS SHALL BE
- 4. NEWLY INSTALLED PLANT MATERIAL SHALL BE WATERED AT THE TIME OF INSTALLATION AND SHALL BE PROVIDED TO ENSURE THE ESTABLISHMENT. GROWTH AND SURVIVAL OF ALL PLANTS.
- 5. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE, ANY PLANT SHALL BE GUARANTEED FOR ONE YEAR AFTER THE REPLACEMENT DATE.
- 6. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A MINIMUM 4" LAYER OF TOPSOIL IN ALL LAWN AREAS AND A MINIMUM OF 6" OF TOPSOIL IN ALL PLANTING AREAS. A FULL SOIL ANALYSIS SHALL BE CONDUCTED AFTER
- 7. ALL DISTURBED LAWN AREAS SHALL BE STABILIZED WITH FITHER SOD OR SEED AS INDICATED ON THE LANDSCAPE PLANS. SEED SHALL CONSIST OF THE MIXTURE LISTED IN THE GENERAL SEEDING NOTES. ALL DISTURBED LAWN
- 8. ALL PLANTING BEDS SHALL RECEIVE 3" OF SHREDDED PINE, CEDAR OR HEMLOCK BARK.
- 9. ALL SHRUB MASSES SHALL BE PLANTED IN CONTINUOUS MULCHED BEDS.

CONTRACTOR.

- PERIOD OF TWO WEEKS AFTER THE COMPLETION OF THE PROJECT UNLESS OTHERWISE SPECIFIED. 14. THE CONTRACTOR IS TO CLEAN UP AND REMOVE ANY DEBRIS FROM THE SITE, CAUSED BY THE LANDSCAPE

SOIL EROSION AND SEDIMENT CONTROL NOTES

- THE CONSERVATION COMMISSION SHALL BE NOTIFIED. AT LEAST 72 HOURS PRIOR TO ANY LAND DISTURBANCE.
- 4. ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY DEMOLITION
- 5. ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION
- 6. ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR
- THE MAINTENANCE OF SOIL EROSION AND SEDIMENT CONTROL MEASURES AND FACILITIES DURING AND IMMEDIATELY
- 8. OFF SITE SEDIMENT DISTURBANCE MAY REQUIRE ADDITIONAL CONTROL MEASURES TO BE DETERMINED BY THE

- 12. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- LOCATION DETAIL ON PLAN.
- OPERATIONAL.
- SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- MINIMUM. THEY SHALL BE LEFT IN A NEAT AND FINISHED APPEARANCE AND PROTECTED FROM EROSION.
- PROHIBITS TEMPORARY SEEDING, THE DISTRIBUTED AREAS SHALL BE MULCHED. 19. ALL CRITICAL AREAS SUBJECT TO EROSION SHALL RECEIVE A TEMPORARY SEEDING AND BE MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS IMMEDIATELY FOLLOWING ROUGH GRADING.

- OTHERWISE APPROVED BY THE DISTRICT.
- ACCORDANCE WITH THE SEEDING AND MULCHING SPECIFICATIONS. PROMOTE EARLIER VEGETATIVE COVER.

- RIGHT TO APPROVE ALL PLANT MATERIAL ON SITE PRIOR TO INSTALLATION.
- ONE-THIRD OF THE ROOT BALL. 3. PROVIDE PLANTING PITS AS INDICATED ON PLANTING DETAILS. BACKFILL PLANTING PITS WITH ONE PART EACH OF
- EXCAVATED AN ADDITIONAL 12" AND FILLED WITH SAND. SUBSEQUENTLY FLOODED TWICE WITHIN TWENTY-FOUR (24) HOURS OF PLANTING. REGULAR WATERING SHALL BE
- MATERIAL THAT DIES WITHIN THAT TIME PERIOD SHALL BE REMOVED, INCLUDING THE STUMP, AND REPLACED WITH MATERIAL OF SIMILAR SIZE AND SPECIES AT THE EXPENSE OF THE DEVELOPER. THE REPLACED PLANT MATERIAL
- CONSTRUCTION AND PRIOR TO PLANTING TO DETERMINE THE EXTENT OF SOIL AMENDMENT REQUIRED.
- AREAS SHALL BE TOP SOILED, LIMED, FERTILIZED, AND FINE GRADED PRIOR TO LAWN INSTALLATION.
- 10. ALL TREES ARE TO BE GUYED, 3 EACH, UNLESS OTHERWISE NOTED ON PLAN. 11. ALL DECIDUOUS TREES ARE TO BE WRAPPED, WITH TREE WRAP, UP TO THE FIRST BRANCHING AND SECURED. 12. THE LANDSCAPE CONTRACTOR IS TO PERFORM ALL CONTRACTED WORK IN A REASONABLE PERIOD OF CONTINUOUS
- 13. THE LANDSCAPE CONTRACTOR IS TO MAINTAIN PLANT MATERIAL WHILE THE PROJECT IS UNDERWAY AND FOR A
 - ____X

FOR REGISTRY USE ONLY:

I CERTIFY THAT THIS PLAN COMPLIES

WITH THE RULES AND REGULATIONS

BRIAN J. MÜRPHY/P.L.S. #38387

OF THE REGISTRY OF DEEDS.

NEW BEDFORD PLANNING BOARD APPROVAL IS REQUIRED UNDER THE SUBDIVISION CONTROL LAW.

DATE ENDORSED:

I CERTIFY THAT 20 DAYS HAVE PASSED SINCE PLANNING BOARD APPROVAL AND NO APPEAL HAS BEEN FILED IN THIS OFFICE

DATE:

CITY CLERK OF NEW BEDFORD

LEGEND

MURPHY

No. 38387

CONTOUR LINE SPOT GRADE EDGE OF PAVEMENT VERTICAL GRANITE CURB SLOPED GRANITE CURB VERTICAL CONCRETE CURB BITUMINOUS CONCRETE CURB CAPE COD BERM STONE WALL CHAIN LINK FENCE IRON FENCE

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EXISTING

VGC SGC VCC BCC X X POST & RAIL FENCE STOCKADE FENCE GUARD RAIL HAY BALES WATER LINE FIRE HYDRANT WATER GATE SEWER LINE SEWER MANHOLE GAS LINE GAS METER GAS GATE DRAIN LINE

DRAIN MANHOLE

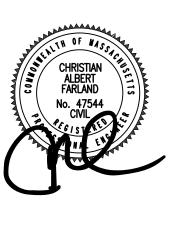
CATCH BASIN

OVERHEAD WIRES ELECTRIC, TELEPHONE & CABLE

UTILITY POLE

CHRISTIAN No. 47544

REVISIONS





/ww.FarlandCorp.coi

401 COUNTY STREET NEW BEDFORD, MA 02740 P.508.717.3479 TAUNTON MARLBOROUGH •WARWICK, RI

DRAWN BY: MJW/CAF/SP DESIGNED BY: CAF

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DECEMBER 15, 2017 SCALE: AS NOTED

LATEST REVISION:

JOB NO. 17-907

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NOTES AND LEGEND