DRAWING LIST	PROPERTY OWNER: ARMANDO PLATA	ZONING UR-B		
A0. VICINITY MAP AND GENERAL INFO	11 LANDRY ROAD	MAXIMUM HEIGHT		
C1. LAYOUT AND MATERIALS PLAN	MEDFORD, MA 02155	ALLOWED: 35 FT		
C2. GRADING PLAN	ARCHITECT: ARMANDO PLATA	MAXIMUM HEIGHT PROPOSED: 27 FT		
C3. UTILITIES PLAN	11 LANDRY ROAD MEDFORD, MA 02155	HEIGHT - STORIES: 2		
T1. TOPOGRAPHIC MAP	phone 646 241 7707	OFF STREET		
T2. SITE-SLOPE PLAN		PARKING SPACES PROVIDED: 2		
T3. SITE PLAN- WORK DESIGNATED AREA	LOT AREA: 7750 S.F			
T4. RETAINING WALL AND FOOTING DETAIL	LOT FRONTAGE: 107.75 FT	PROJECT ADDRESS: 22 MONTVALE STREET		
L1. LANDSCAPE PLAN	LOT DEPTH: 100 FT	MELROSE, MA 02176		
L2. LANDSCAPE PLAN NOTES	FRONT YARD: 20 FT		< /	
A1. LOWER LEVEL PLAN	REAR YARD: 15 FT	PROJECT DESCRIPTION:		8
A2. UPPER LEVEL PLAN & ROOF PLAN	SIDE YARDS: 10 FT	NEW SINGLE FAMILY RESIDENCE		
A2.1 FOUNDATION PLAN	ALLOWED COVERAGE: 50% MAX			MONTVALE STREET
A3. FRONT ELEVATION - (NE)		TOTAL FLOOR AREA		MONIVALE SIREET
A4. LEFT ELEVATION - (SE)	PROPOSED COVERAGE: 18%	1360 SQ FT - UPPER LEVEL	The C	44
A5. RIGHT ELEVATION - (NW)		715 SQ FT - LOWER LEVEL	- ´ / / /	
A6. REAR ELEVATION - (SW)		2075 SQ FT - TOTAL AREA	<i>′</i>	
A7. SECTION 1		DECK AREA = 75 SQ FT		\backslash
A8. SECTION 2		TYPE OF CONSTRUCTION: V STEEL & WOOD CONSTRUCTION	\backslash	

WATER METER INSTALLED WILL INCLUDE RADIO-READ TECHNOLOGY PER CITY'S STANDARD.

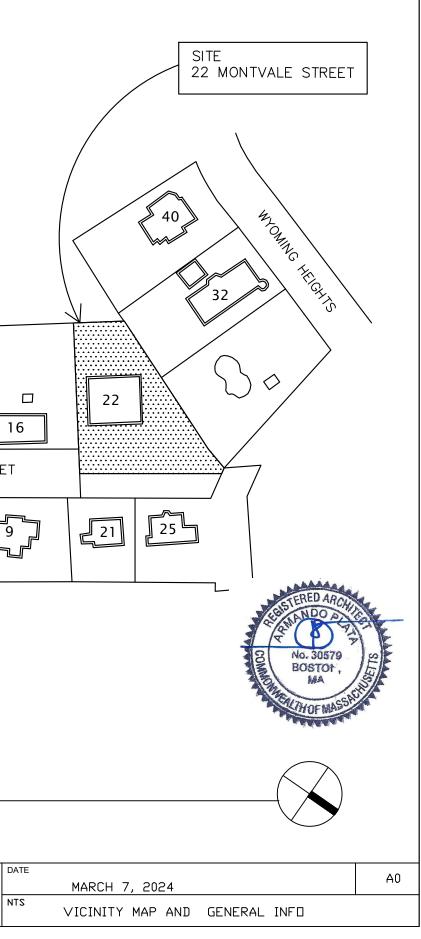
VICINITY MAP

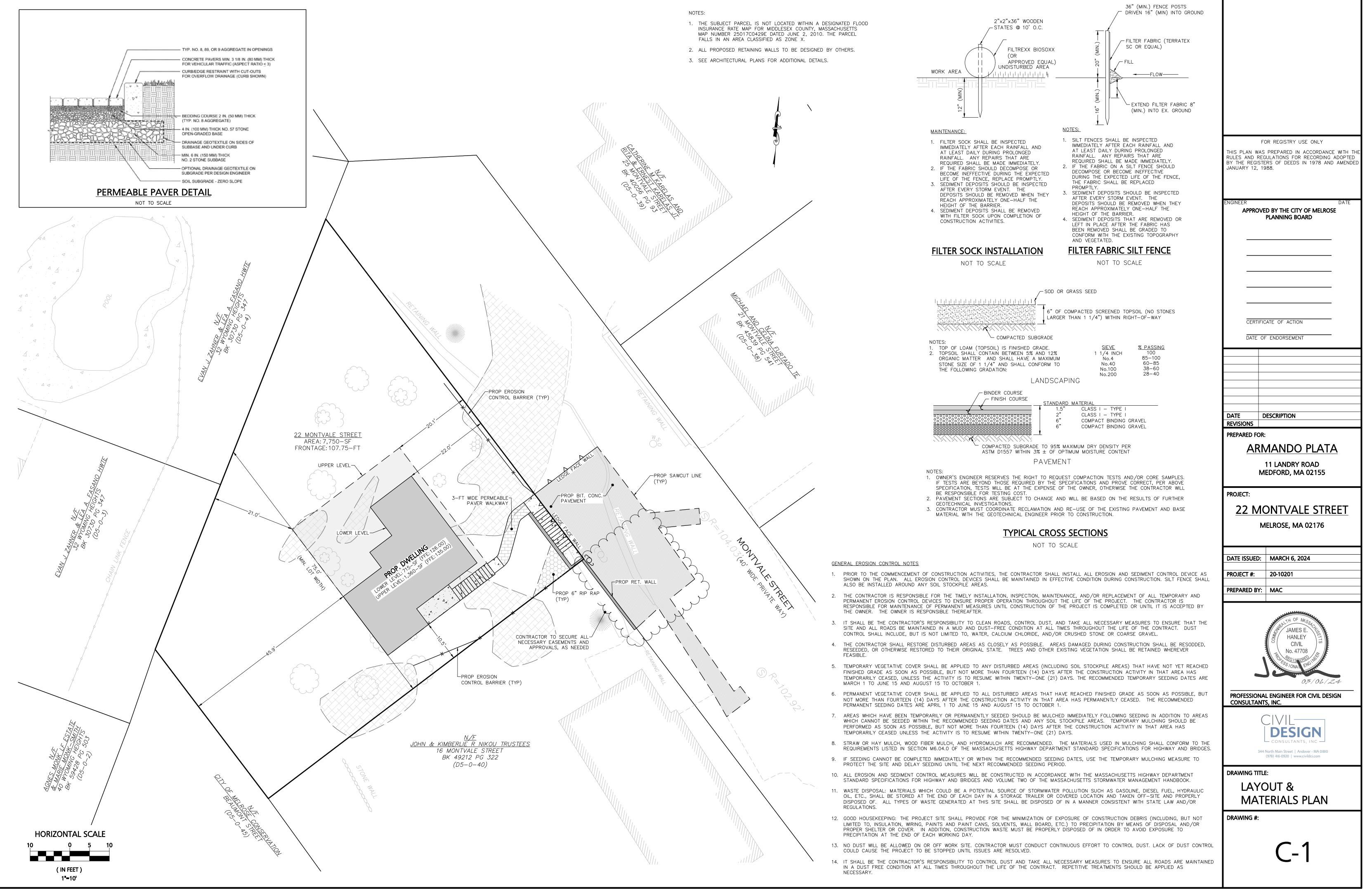
NTS

ARCHITECTURE Armando Plata AIA PE LEED AP BD+C Ag23studio@gmail.com

MELROSE RESIDENCE

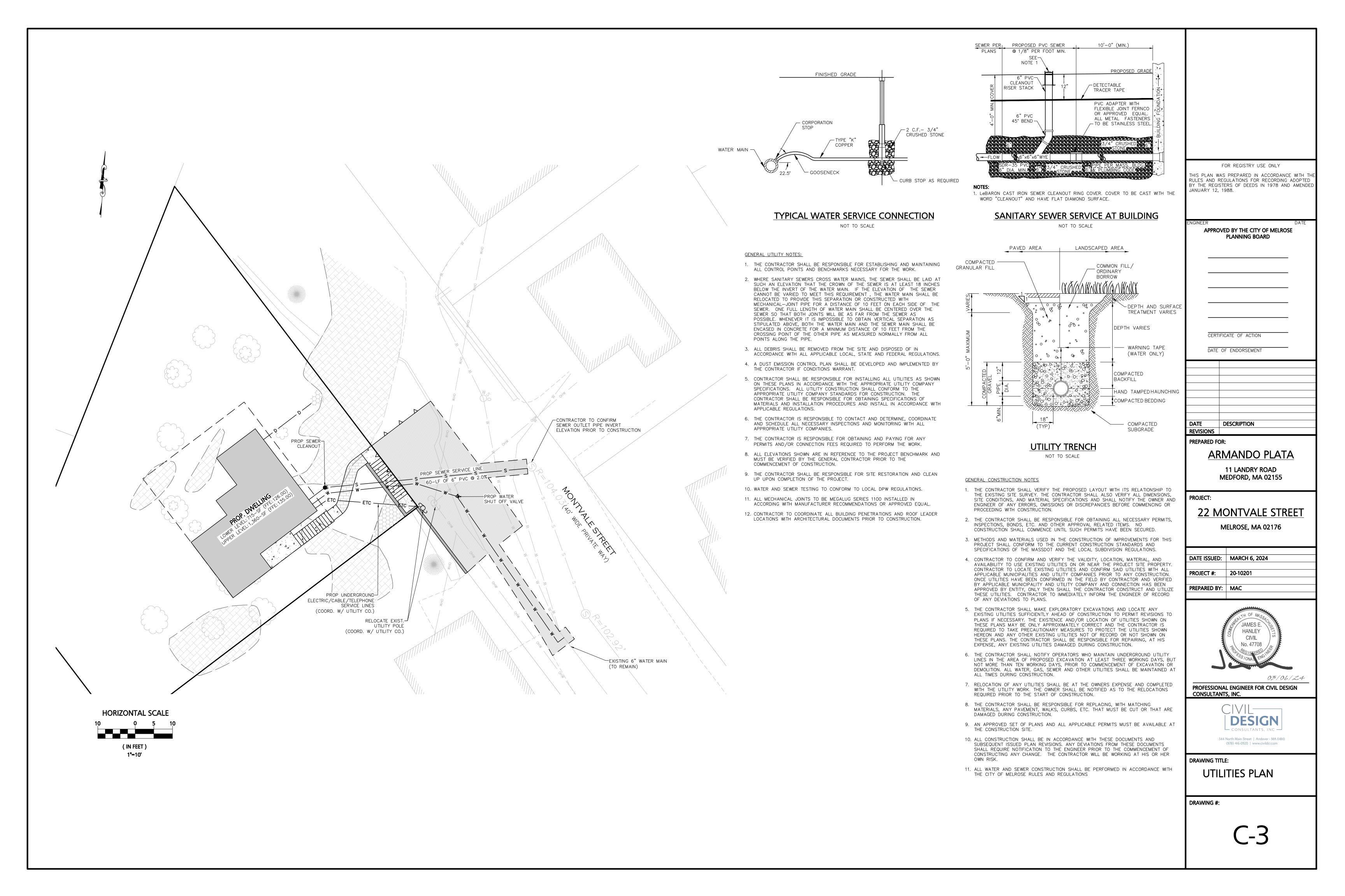
22 MONTVALE STREET MELROSE MA 02176

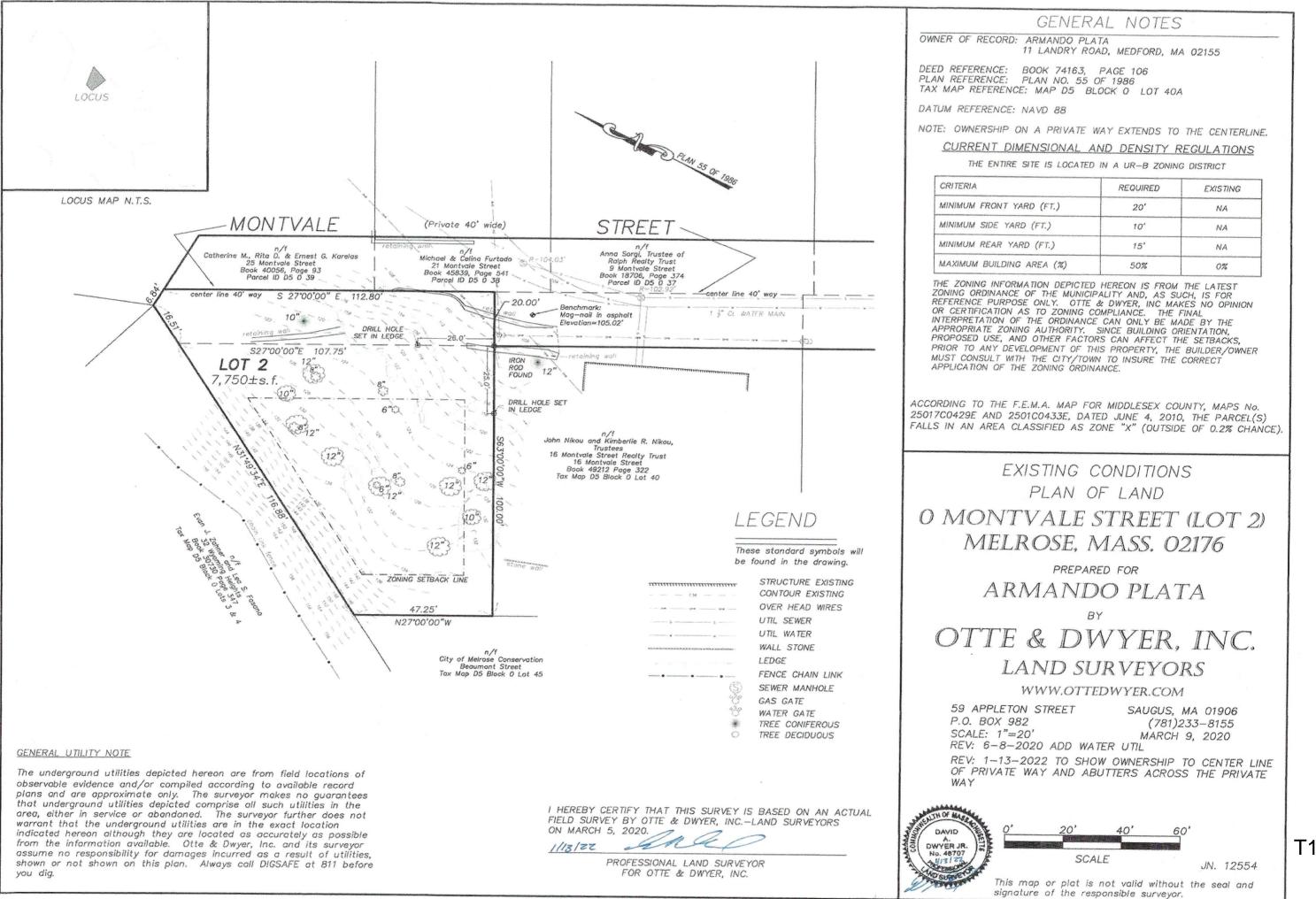




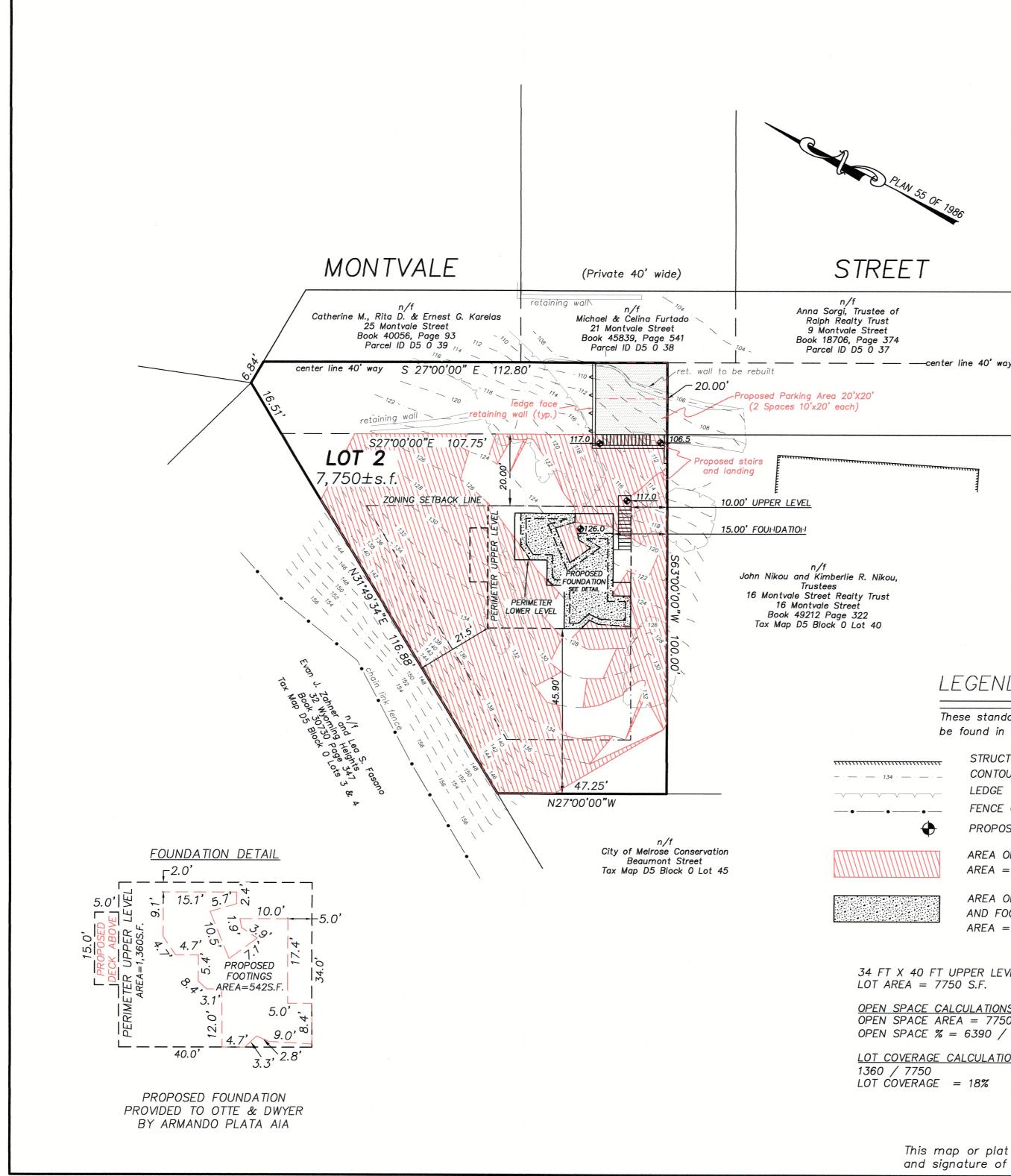


K K S S S S S S S S S S S S S S S S S S	
	FOR REGISTRY USE ONLY THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE
	RULES AND REGULATIONS FOR RECORDING ADOPTED BY THE REGISTERS OF DEEDS IN 1978 AND AMENDED JANUARY 12, 1988.
	ENGINEER DATE APPROVED BY THE CITY OF MELROSE PLANNING BOARD
104.3±(EX. GRADE)	
TW: 108.5± BW: 106.6	CERTIFICATE OF ACTION
Ray Ray	DATE OF ENDORSEMENT
	03/06/24REV. PER CITY COMMENTS01/12/24ADD STEPS
x20% 105.5±(EX. GRADE)	01/09/24REV. TO SITE PLAN08/30/23UPDATED SITE PLAN06/16/21REV. PER CITY COMMENTS
	05/25/21 REV. PER CITY COMMENTS 04/20/21 REV. PER CITY COMMENTS DATE DESCRIPTION
	REVISIONS PREPARED FOR:
BW: 107.1±	ARMANDO PLATA
DETAIL A	11 LANDRY ROAD MEDFORD, MA 02155
	PROJECT:
(IN FEET) 1"=5'	22 MONTVALE STREET MELROSE, MA 02176
	DATE ISSUED: SEPTEMBER 20, 2020
	PROJECT #: 20-10201 PREPARED BY: MAC
	JAMES E. HANLEY CIVIL
	No. 47708
	37 193 / ONAL ENGINE 03/06/24
	PROFESSIONAL ENGINEER FOR CIVIL DESIGN CONSULTANTS, INC.
	JESIGN CONSULTANTS, INC 344 North Main Street Andover · MA 01810
	(978) 416-0920 www.civildci.com
	DRAWING TITLE: GRADING PLAN
NOTES: 1. SURVEY BASED IN AN ACTUAL FIELD SURVEY BY OTTE & DWYER, INC. – LAND SURVEYORS ON MARCH 5, 2020.	DRAMING #
INC. – LAND SURVEYORS ON MARCH 5, 2020. 2. TOPOGRAPHY INFORMATION GENERATED FROM LIDAR DATA. 3. THE SUBJECT PARCEL IS NOT LOCATED WITHIN A DESIGNATED FLOOD	DRAWING #:
INSURANCE RATE MAP FOR MIDDLESEX COUNTY, MASSACHUSETTS MAP NUMBER 25017C0429E DATED JUNE 2, 2010. THE PARCEL FALLS IN AN AREA CLASSIFIED AS ZONE X.	C-2
 ALL PROPOSED RETAINING WALLS TO BE DESIGNED BY OTHERS. SEE ARCHITECTURAL PLANS FOR ADDITIONAL DETAILS. 	





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	e)	OLAN SE	5	
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LEGEND

These standard symbols will be found in the drawing.

> STRUCTURE EXISTING CONTOUR EXISTING (NAVD88) LEDGE FENCE CHAIN LINK PROPOSED ELEVATION AREA OF SLOPE GREATER THAN 25% AREA = 5131.7 S.F.

AREA OF HOUSE TOUCHING GROUND AND FOOTINGS AREA = 542 S.F.

DAVID A

DWYER, JR.

No. 46707 2/20/2

34 FT X 40 FT UPPER LEVEL AREA = 1360 S.F. LOT AREA = 7750 S.F.

OPEN SPACE CALCULATIONS: OPEN SPACE AREA = 7750-1360 = 6390 SQ FT OPEN SPACE % = 6390 / 7750 = 82% Mana TH OF MAS LOT COVERAGE CALCULATIONS:

LOT COVERAGE = 18%

I HEREBY CERTIFY THAT THE STRUCTURES ARE LOCATED ON THE GROUND AS SHOWN ACCORDING TO AN ACTUAL FIELD SURVEY BY OTTE & DWYER, INC., LAND SURVEYORS ON 6/14/2021.

2/20/24

PROFESSIONAL LAND SURVEYOR FOR OTTE & DWYER, INC.

GENERAL NOTES

OWNER OF RECORD: ARMANDO PLATA 11 LANDRY ROAD, MEDFORD, MA 02155

DEED REFERENCE: BOOK 74163, PAGE 106 PLAN REFERENCE: PLAN NO. 55 OF 1986 TAX MAP REFERENCE: MAP D5 BLOCK 0 LOT 40A

ACCORDING TO THE F.E.M.A. MAP FOR MIDDLESEX COUNTY, MAP No. 25017C0433E, DATED 6/4/2010 THE PARCEL(S) FALLS IN AN AREA CLASSIFIED AS ZONE "X".

CURRENT DIMENSIONAL AND DENSITY REGULATIONS

THE ENTIRE SITE IS LOCATED IN A UR-B ZONING DISTRICT

CRITERIA	REQUIRED	PROPOSED
MINIMUM FRONT YARD (FT.)	20'	20.0'
MINIMUM SIDE YARD (FT.)	10'	10.0'
MINIMUM REAR YARD (FT.)	15'	45.9'
MAXIMUM BUILDING COVERAGE (%)	50%	18%

THE ZONING INFORMATION DEPICTED HEREON IS FROM THE LATEST ZONING ORDINANCE OF THE MUNICIPALITY AND, AS SUCH, IS FOR REFERENCE PURPOSE ONLY. OTTE & DWYER, INC MAKES NO OPINION OR CERTIFICATION AS TO ZONING COMPLIANCE. THE FINAL INTERPRETATION OF THE ORDINANCE CAN ONLY BE MADE BY THE APPROPRIATE ZONING AUTHORITY. SINCE BUILDING ORIENTATION, PROPOSED USE, AND OTHER FACTORS CAN AFFECT THE SETBACKS, PRIOR TO ANY DEVELOPMENT OF THIS PROPERTY, THE BUILDER/OWNER MUST CONSULT WITH THE CITY/TOWN TO INSURE THE CORRECT APPLICATION OF THE ZONING ORDINANCE.

> CERTIFIED PLOT PLAN SHOWING PROPOSED FOUNDATION

O MONTVALE STREET (LOT 2) MELROSE, MASS. 02176 PREPARED FOR ARMANDO PLATA ΒY

> OTTE & DWYER, INC., LAND SURVEYORS WWW.OTTEDWYER.COM

59 APPLETON STREET SAUGUS, MA 01906 P.O. BOX 982 (781)233-8155 SCALE: 1"=20' FEBRUARY 18, 2022 REVISED: 3-1-2022 PER CITY COMMENTS 2-20-2024 FOOTING/LOWER LEVEL CHANGES

40'

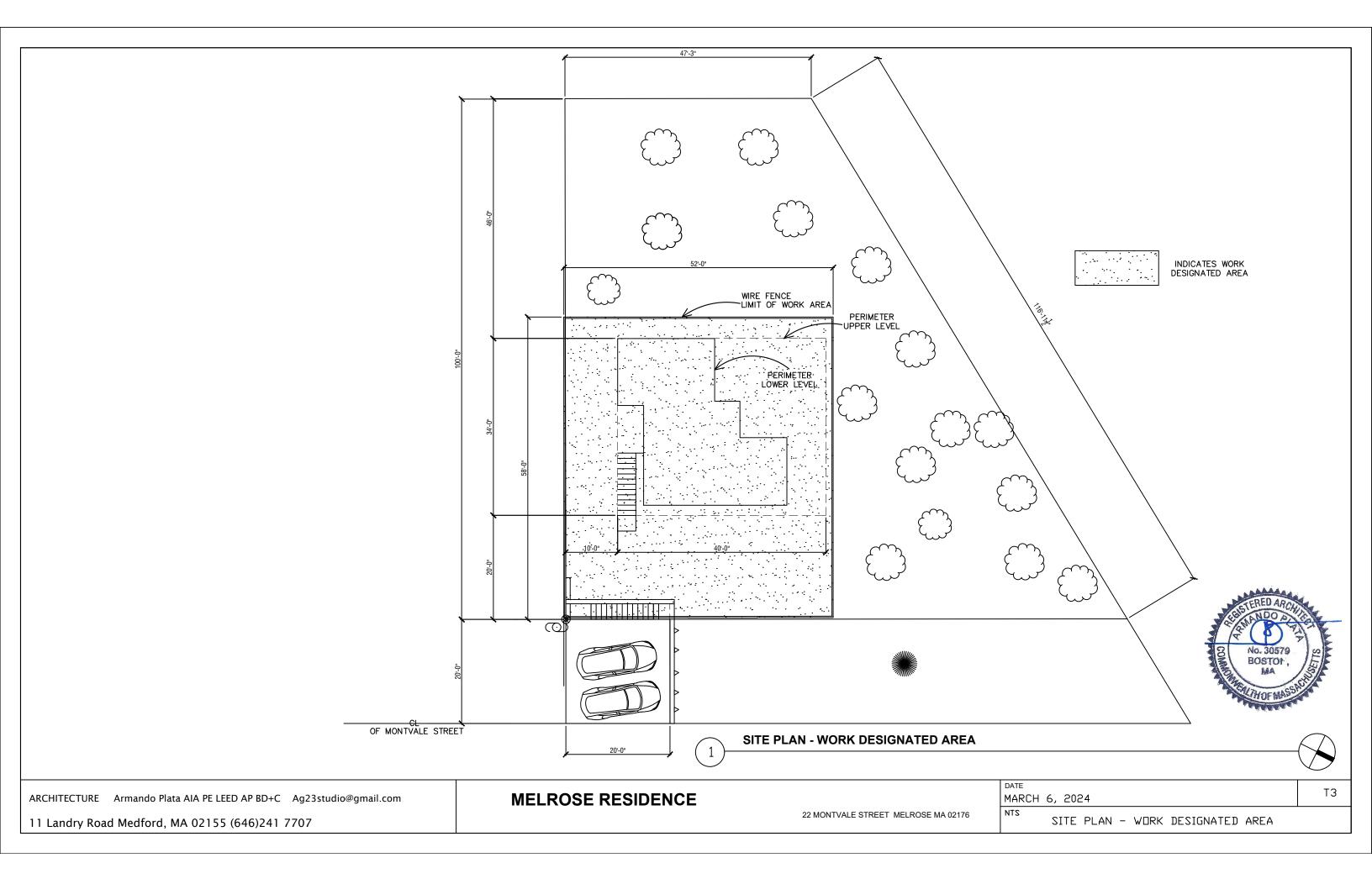
60'

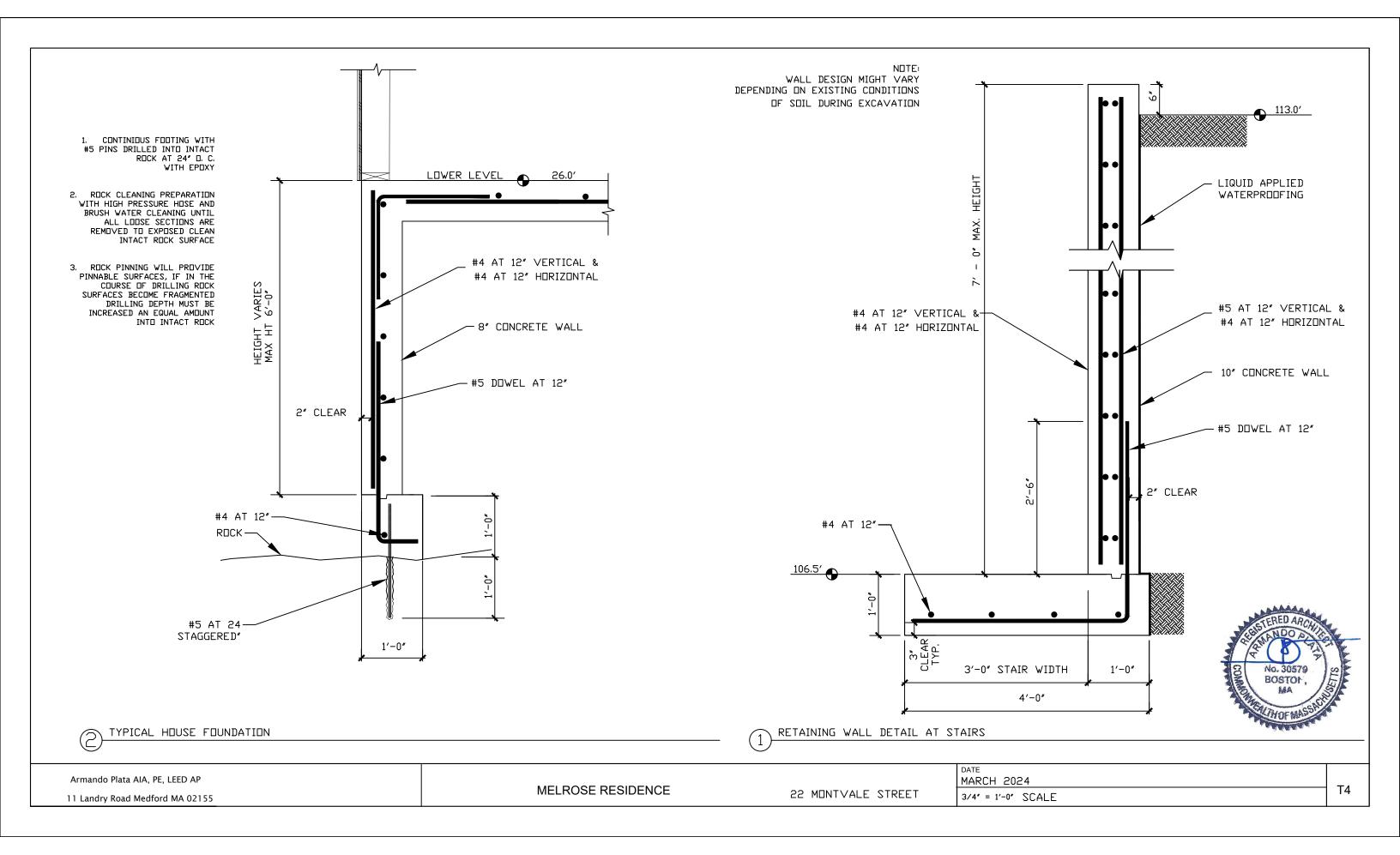
JN. 12554

T2

20'

This map or plat is not valid without the seal and signature of the responsible surveyor.

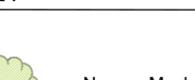


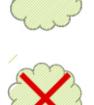




ARCHITECTURE Armando Plata AIA PE LEED Ag23studio@gmail.com 11 Landry Road Medford, MA 02155 (646)241 7707

KEY







possible.

- Red Maple Acer rubrum
 Green Ash Fraxinus pennsylvanica
- Grey Birch Betula populifolia
 Black Cherry Prunus serotina



NOTES:

Due to the dense canopy of Norway maples, forest diversity is starting to decline because the excess shade they create inhibits the regeneration of sugar maples and other native shrubs and wildflowers in the understory. Other species of flora and fauna, such as insects and birds, may indirectly be affected due to the change in resource diversity and availability.

NATIVE SHRUBS AND PERENNIALS (TO BE ADDED):

In addtion to the Norway Maples, the site also hosts a number of invasive shrub species along the eastern edge of the ledge including Japanese Knotweed *Fallopia japonica* and Asian Bittersweet *Celastrus orbiculatus*. Site will undergo clearing and mechanical removal of invasive species to avoid clearing of native perennials onsite including Lily of the Valley Convallaria majalis. Removed invasives will be replaced with the following native shrubs where soil depth to ledge of at least 12" allows:

- 1) Rosebay Rhododendron Rhododendron maximum
- 2) Mountain Laurel Kalmia latifolia
- 3) Smooth Arrowwood Viburnum dentatum var. lucidum
- 4) Northern spicebush Lindera benzoin var. benzoin
- 5) Winterberry *llex verticillata*

PLANT_SCHEDULE

					•
TREES	CODE	<u>QTY</u>	BOTANICAL NAME / COMMON NAME	SIZE	
	ARM	2	Acer rubrum / Red Maple	8-10' B&B	
	BPG	2	Betula populifolia / Gray Birch	8-10' B&B	
	FPG	1	Cornus florida / Flowering Dogwood	8-10' B&B	
	FPG	2	Fraxinus pennsylvanica / Green Ash	8-10' B&B	
	PSC	2	Prunus Serotina / Black Cherry	8-10' B&B	
SHRUBS	CODE	<u>QTY</u>	BOTANICAL NAME / COMMON NAME	SIZE	
\otimes	ILW	8	Ilex verticillata / Winterberry	3-4' B&B	
	KLM	11	Kalmia latifolia / Mountain Laurel	3-4' B&B	RESISTERED ARCHING
	LBS	7	Lindera benzoin / Northern Spice Bush	3-4' B&B	R No. 30579 50
$\begin{array}{c} \end{array}$	RMX	14	Rhododendron maximum / Rose Bay Rhododendron	3-4' B&B	BOSTON, E
Ecconomic and a second and a se	VDA	5	Viburnum dentatum var. lucidum / Smooth Arrowood Viburnum	3-4' B&B	SUTHOF MASSING
			DATE		L1
			MARCH 10, 2024		

MELROSE RESIDENCE

Norway Maples Acer platanoides

Eight (8) Norway Maples Acer platanoides Ranging in caliper from 6" to 12" to be removed and stumps ground where

Removed Norway Maples will be replaced with the following native tree species observed on site:

Replacement Trees - initialed separately on plan

Location of trees and shrubs is subject to change based on site conditions

MARCH 10, 2024	
1"= 10'-0" Planting plan	

PLANTING NOTES

- . CONTRACTOR SHALL BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING AND SHALL CONTINUE UNTIL FINAL ACCEPTANCE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND METHODS OF WATERING AND MAINTENANCE. 2. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE ALL PLANTINGS SHOWN ON THESE DRAWINGS, CLARIFY ANY DISCREPANCIES WITH THE LANDSCAPE DESIGNER PRIOR TO ORDERING PLANT MATERIAL.

- ON THESE DRAWINGS, CLAREY ANY DISCREPANCIES WITH THE LANDSCAPE DESIGNER PROF TO ORDERING FLANT MATERIAL. 3. ALL MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN. 4. NO SUBSTITUTIONS FOR INDICATED PLANT VARIETIES SHALL BE ACCEPTED UNLESS AUTHORIZED BY THE LANDSCAPE DESIGNER. 5. ALL PLANTS SHALL DERAT THE SAME RELATIONSHIP TO FINISH GRADE AS THEIR ORIGINAL GRADES BEFORE DICORG AT AURERENT. 6. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR (1) FULL YEAR FROM DATE OF SUBSTANTIAL COMPLETION. 7. ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE DESIGNER AT THE NURSERY AND AT THE SITE. 8. ALL AREAS OF THE SITE EWHICH HAVE BEEN DISTURBED AND NOT OTHERWISE DEVELOPED SHALL BE LOAMED WITH A MINIMUM DEPTH OF 6. OF OPDODOL AND MIS CHIEF AS ERGIFIED.

- 6* OF TOPSOIL AND MULCHED AS SPECIFIED. 9. LANDSCAPE CONTRACTOR IS ENCOURAGED TO PROVIDE THE LANDSCAPE DESIGNER WITH CONCERNS AND/OR SUGGESTIONS WITH REGARD TO PROPOSED PLANT MATERIAL SELECTION PRIOR TO PLACING A PURCHASE ORDER.
- 10. ALL TREES TO BE LOCATED ADJACENT TO WALKS AND DRIVES SHALL HAVE IF OF CLEAR HEIGHT TO FIRST BRANCHING
- 1. CONTRACTOR SHALL VERIFY ALL TREE REMOVALS WITH LANDSCAPE DESIGNER PRIOR TO START OF CONSTRUCTION. 2. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN FINISHED AND APPROVED BY THE LANDSCAPE
- DESIGNER. 13. ALL PLANTS SHALL BE BALLED AND WRAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT THE TIME OF PLANTING. 14. WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE GUT THROUGH THE
- SURFACE IN TWO VERTICAL LOCATIONS. 15. THE LOCATION OF TREES, SHRUBS AND BEDLINES SHALL BE STAKED FOR APPROVAL BY THE LANDSCAPE DESIGNER PRIOR TO
- THE LOCATION OF TREES, SHRUES AND BEDLINES SHALL BE STAKED FOR APPROVAL BY THE LANDSCAPE DESIGNER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE DESIGNER AS HOURS PRIOR TO REQUIRED SITE VISIT.
 ALL BROAD-LEAF EVERGREEN PLANTS SHALL BE SPRAYED WITH ANTI-DESSICANT AT THE BEGINNING OF THEIR FIRST WINTER ON SITE.
 ALL PLANTS SHALL BE INSTALLED AS PER DETALS AND CONTRACT SPECIFICATIONS. THE LANDSCAPE CONTRACTOR SHALL REFER TO NOTES PROVIDED FOR ADDITIONAL REQUIREMENTS.
 ALL PLANTS ANALD STAKES SHALLED AS PER INDIVIDE LOAD FILL SESTIMATING SPECIFICATIONS. THE LANDSCAPE CONTRACTOR SHALL REFER TO NOTES PROVIDED FOR ADDITIONAL REQUIREMENTS.
 ALL PLANTS AND STAKES SHALLED BE SET PLUMB UNLESS OTHERWISE SPECIFIED.
 THE LANDSCAPE CONTRACTOR SHALL PROVIDE LOAM FILL AS PER THE DETALS OR CONTRACT SPECIFICATIONS.
 ALL PLANTS SHALL BE WATERIED THOROUGHLY TWEE DURING THE FIRST 24-HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED BY THE CONTRACTOR AS NECESSARY TO INSURE HEALTH UNTIL FINAL ACCEPTANCE.
 THE LANDSCAPE CONTRACTOR AS NECESSARY TO INSURE HEALTH UNTILS AND FAILING SECEFFANTIONS FOR SEASONAL RECHIREMENTS AND.

- 21. THE LANDSCAPE CONTRACTOR SHALL REFER TO THE PLANT LIST AND PLANTING SPECIFICATIONS FOR SEASONAL REQUIREMENTS AND
- OTHER RESTRICTIONS RELATED TO THE TIME OF PLANTING

The following is a description of the treatments for the removal of invasive plants:

Oriental bittersweet (Celastrus orbiculatus)

Bittersweet is a vine that winds around other plants, the beach rose in this case, and eventually outcompetes it by shading out the supporting plant. The berries can be a winter food source for birds and the seeds are easily dispersed by birds to other locations. However, the berries are not as nutritional for the birds as native plant berries

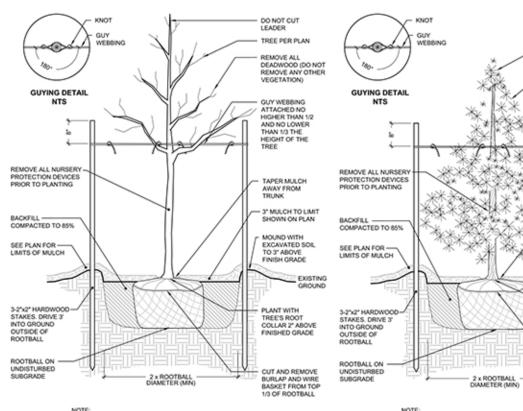
The base stems of the bittersweet could be cut in the spring and the top of the rooted stem swiped (individually painted) with an appropriate herbicide such as Roundup to kill the root system. Or just cut and the upper portion of the plant can be allowed to die back. It then can be more easily removed from the supporting plant. The roots could be dug out with hand tools and small sprouting seedlings should be able to be easily pulled out of the soil/ledge. It is important to do this work prior to the berries appearing on the vines to avoid spreading the seeds. All removed vines and seedlings should be bagged securely, removed from the site and disposed of properly. Annual surveillance and treatment for new sprouts is important for eradication.



Japanese knotweed is particularly difficult to manage and remove. It has a tenacious root system and requires numerous cuttings and/or herbicide treatments during the growing season. Often cutting this plant encourages more sprouting from the root system, so continuing annual treatment is essential for control

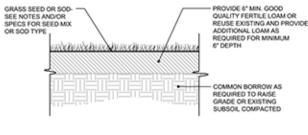
The plants can be dug out with hand tools but care should be taken as transferring the soil containing pieces of the root system may contaminate other areas. It is recommended that the first cutting be done in mid to late spring when the plant is first sprouting. This can be followed up with a treatment in mid-summer and again in early fall before the plant begins to die back. This process needs to be repeated for numerous years until the plant is completely removed. If the above process is not enough to eliminate the plants, cutting and brushing/swiping the cut stems individually with an appropriate herbicide two to three times during each growing season may eventually exhaust the root system from sending up more plants

The cut upper stems of the plant should be spread on a tarp and dried before disposal to prevent any regeneration of the plant if it should come in contact with soil. All removed stems should be bagged securely, removed from the site and disposed of property. Annual surveillance and treatment for new sprouts is important for eradication.





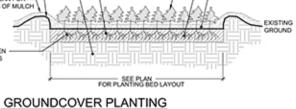
DECIDUOUS TREE STAKING & PLANTING SCALE: NOT TO SCALE



LOAM AND SEED OR LOAM AND SOD SCALE: NOT TO SCALE

UNDISTURBED SUBGRADE FINISH GRADE SEE PLAN FOR LIMITS OF MULCH LOOSEN ROOTS

SCALE: NOT TO SCALE



AFTER THE QUARANTEE PERIOD THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL OF STAKES AND GUY WEBBING

EVERGREEN TREE STAKING & PLANTING

DO NOT CUT LEADER

TREE PER PLAN

VEGETATION)

GUY WEBBING ATTACHED NO HIGHER THAN 1/2 AND NO LOWER THAN 1/3 THE

HEIGHT OF THE

TAPER MULCH

AWAY FROM TRUNK

3° MILCHTOLIMIT

SHOWN ON PLAN

EXCAVATED SOIL TO 3" ABOVE

EXISTING

GROUND

FINISH GRADE

PLANT WITH

TREE'S ROOT

COLLAR 2" ABOVE

FINISHED GRADE

CUT AND REMOVE BURLAP AND WIRE BASKET FROM TOP 1/3 OF ROOTBALL

GROUNDCOVER

INSTALL PLANT AT

DEPTH EQUAL TO THAT WHICH THE

PLANT WAS GRO IN THE NURSERY

2" MULCH TO LIMIT

HOWN ON PLAN

PER PLAN

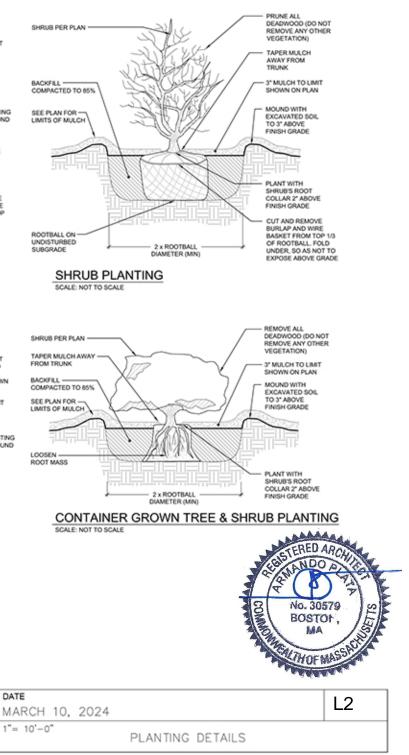
TREE

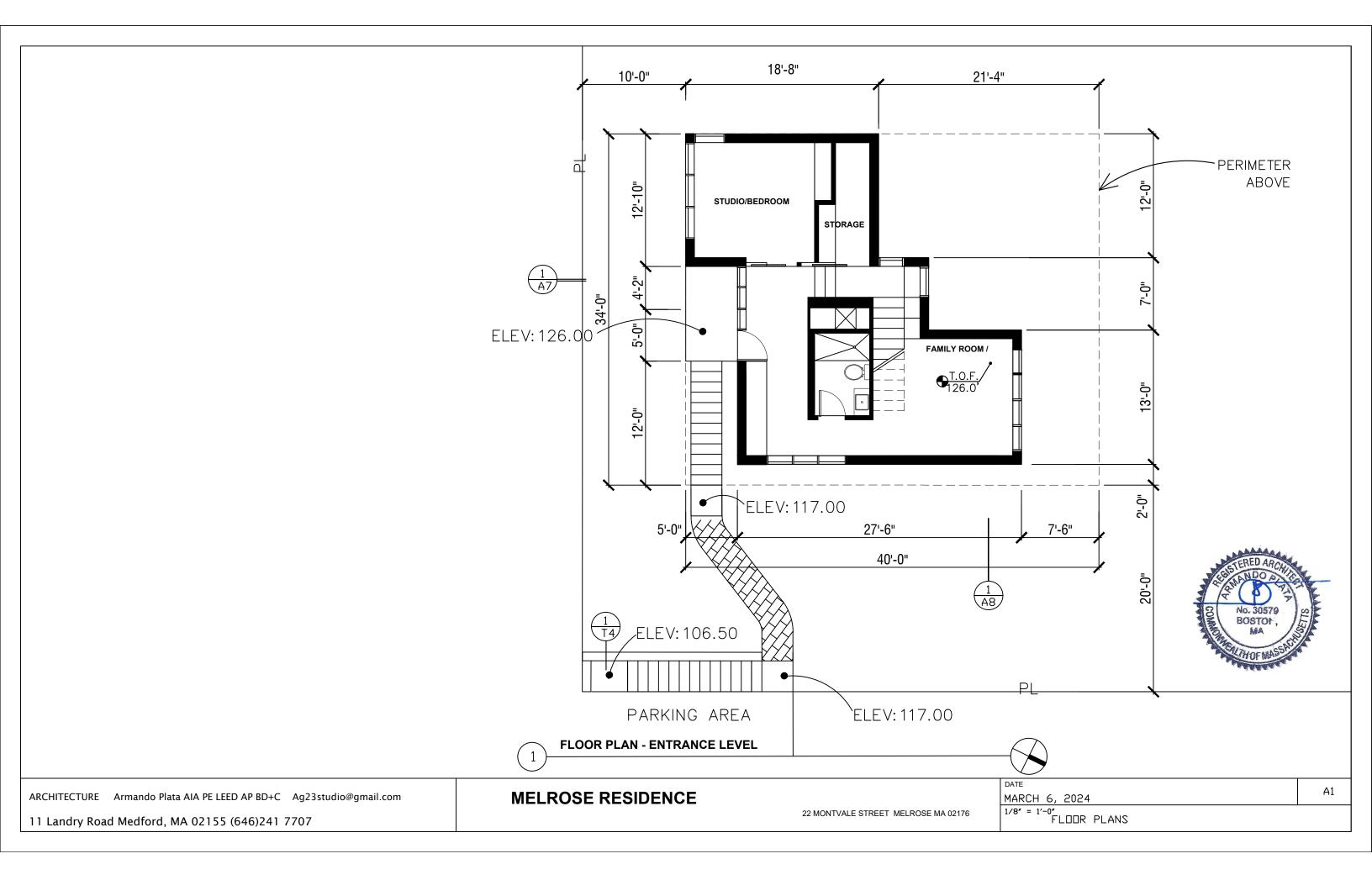
REMOVE ALL DEADWOOD (DO NOT REMOVE ANY OTHER

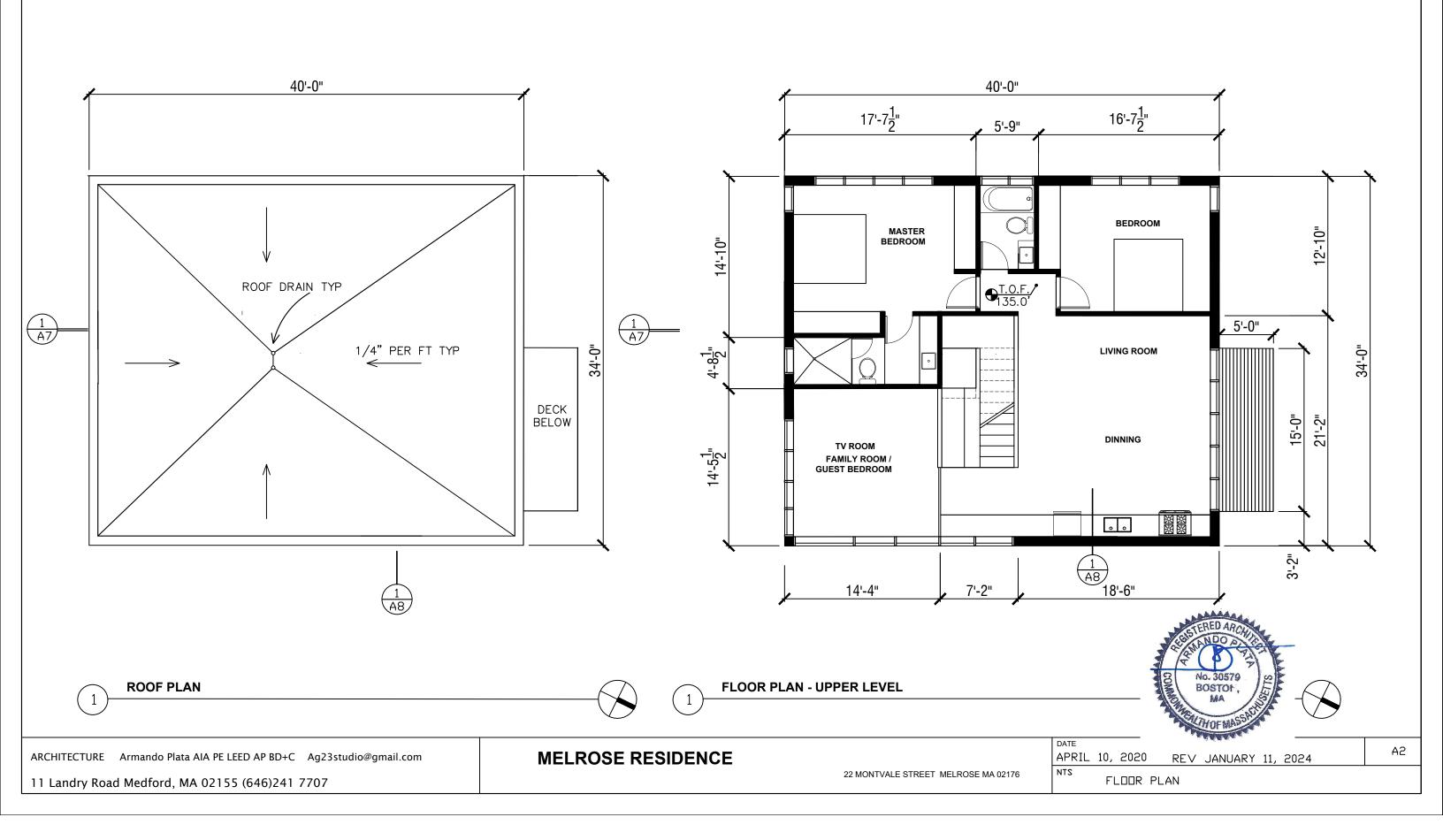
SCALE: NOT TO SCALE

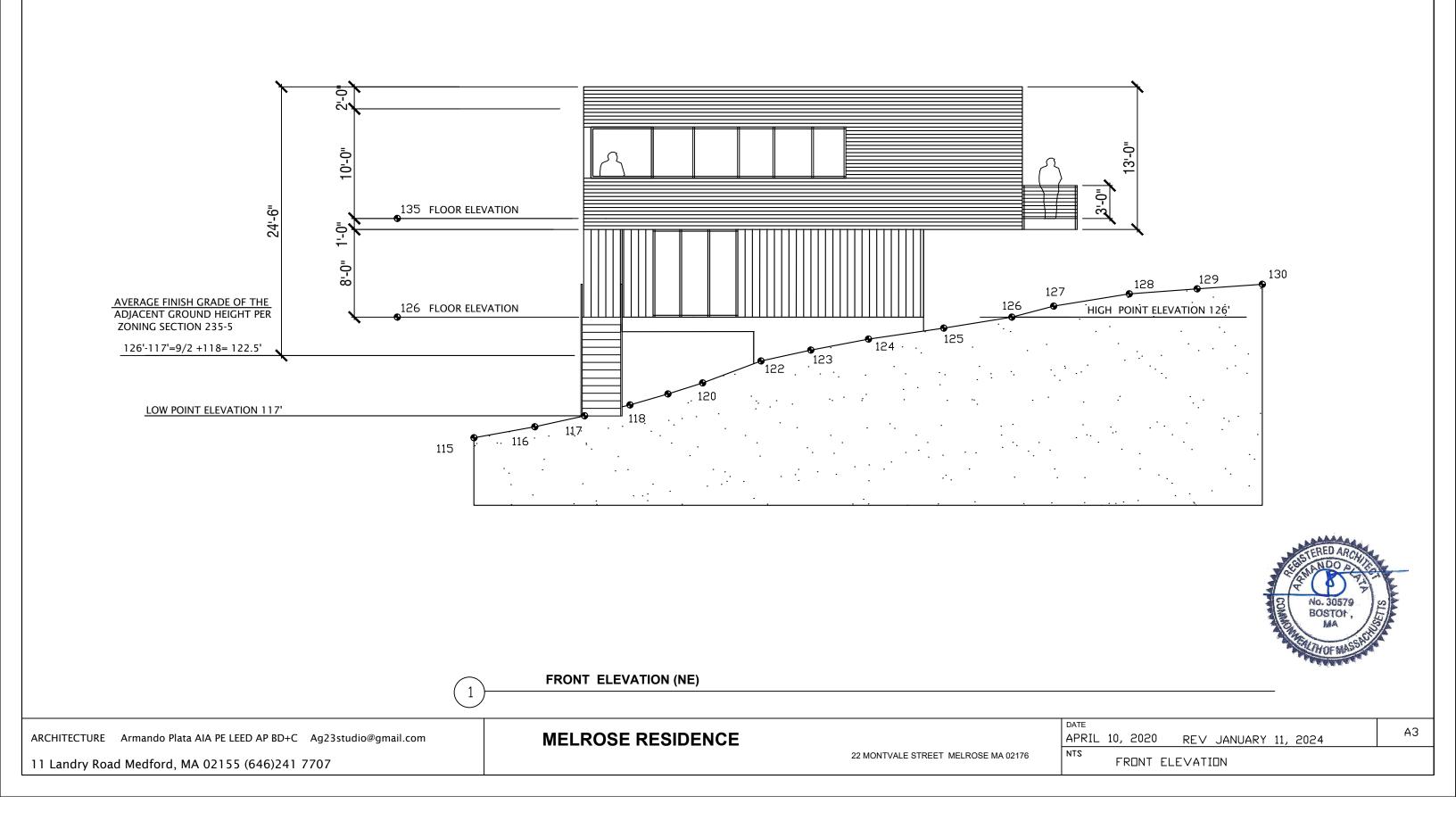
ARCHITECTURE Armando Plata AIA PE LEED Ag23studio@gmail.com

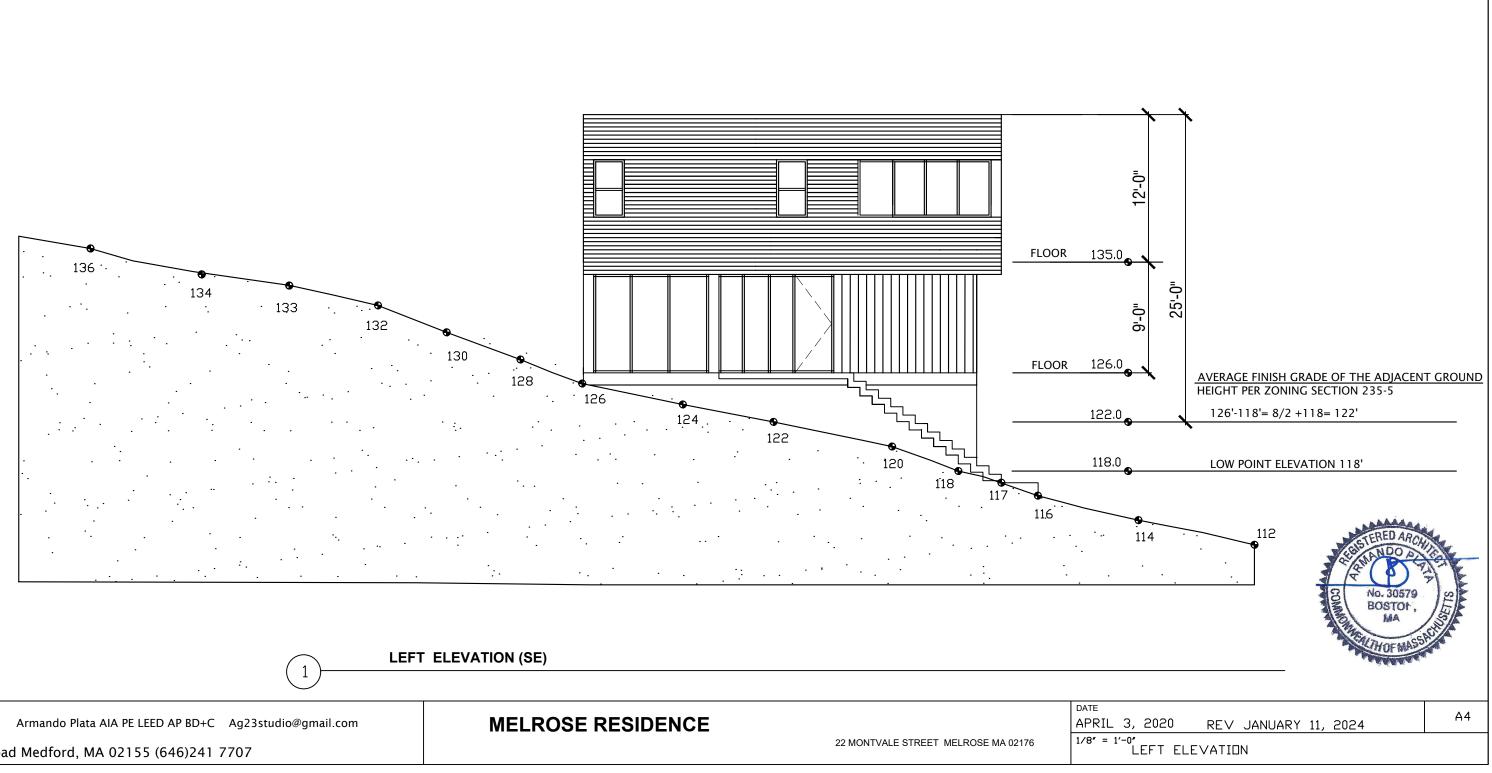
MELROSE RESIDENCE





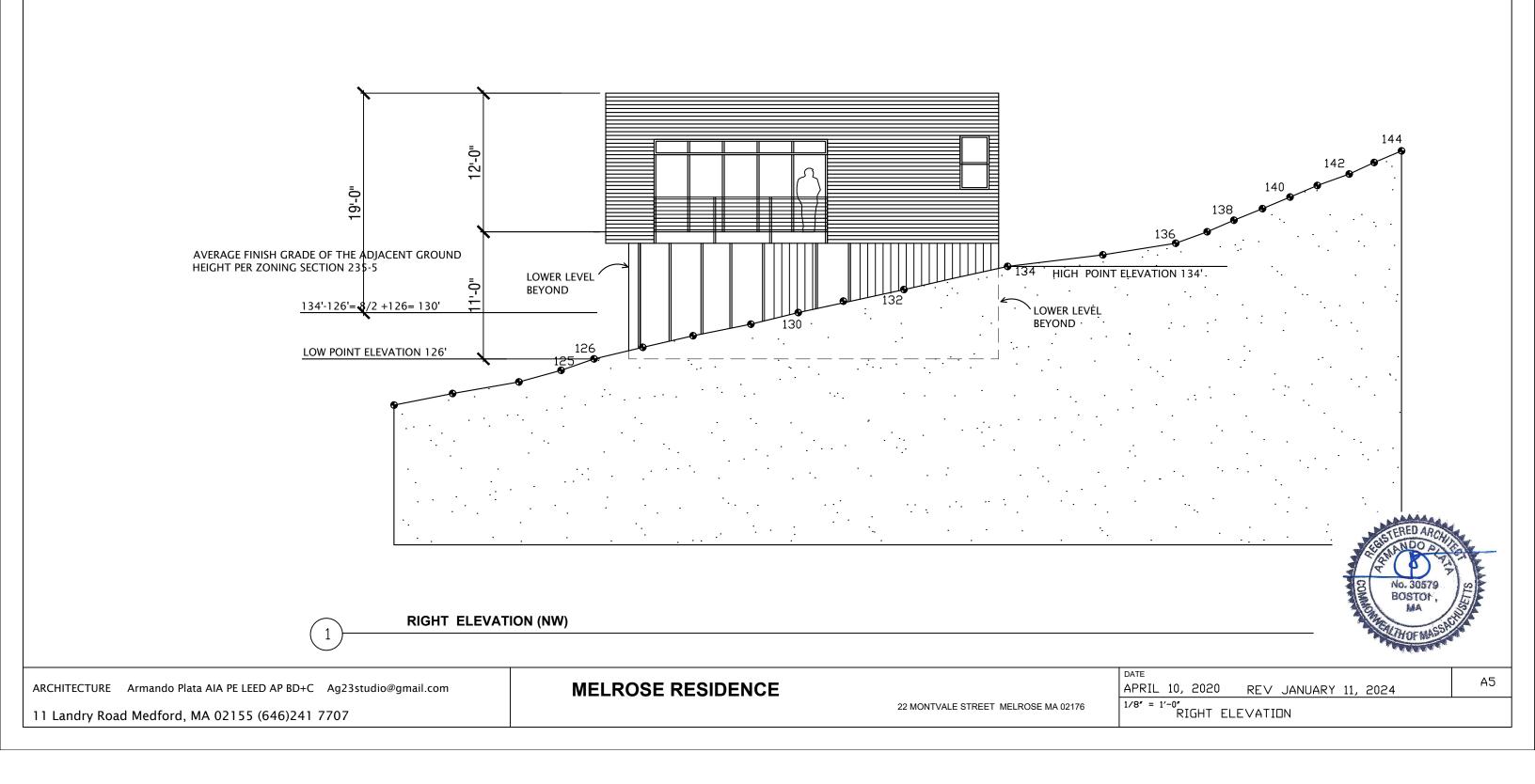


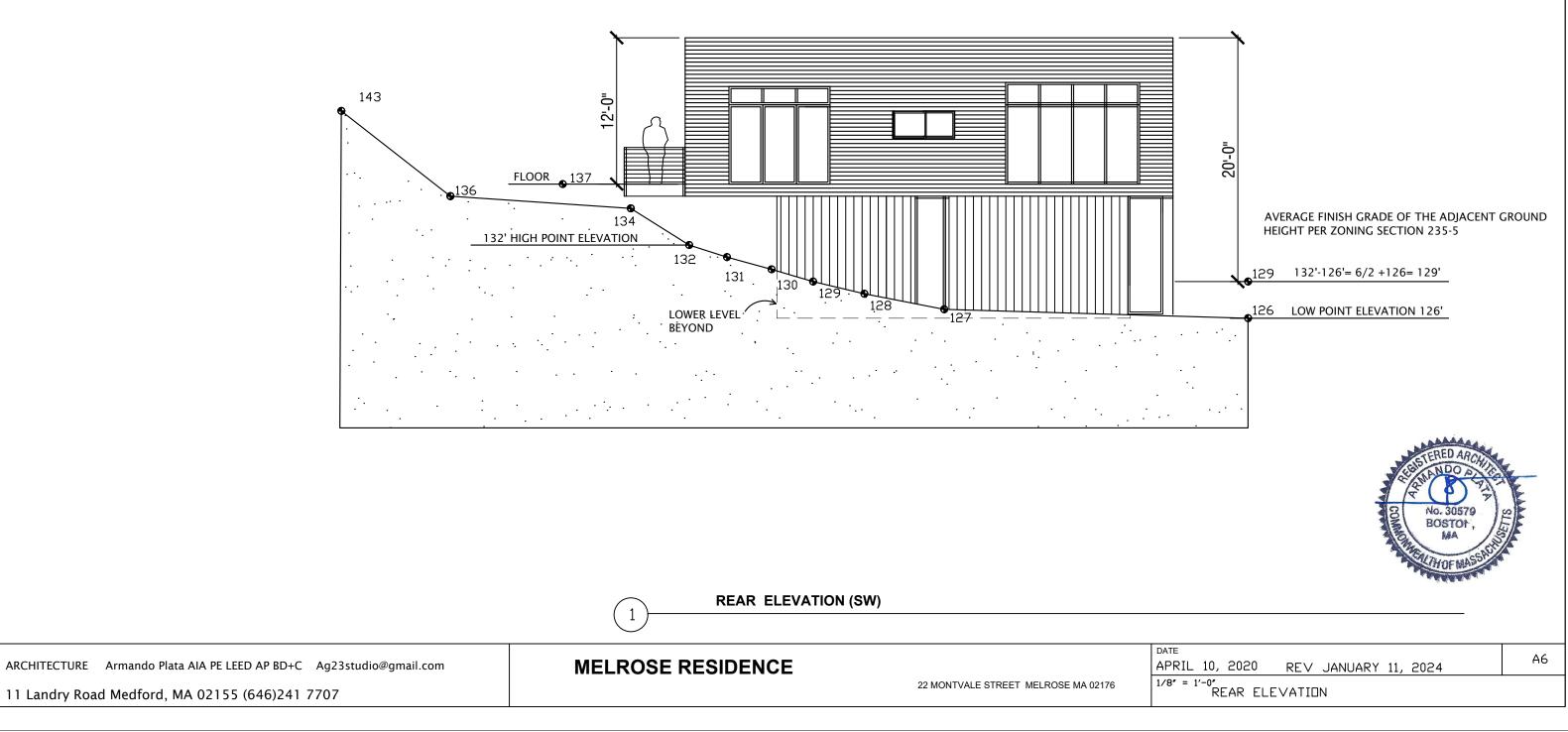


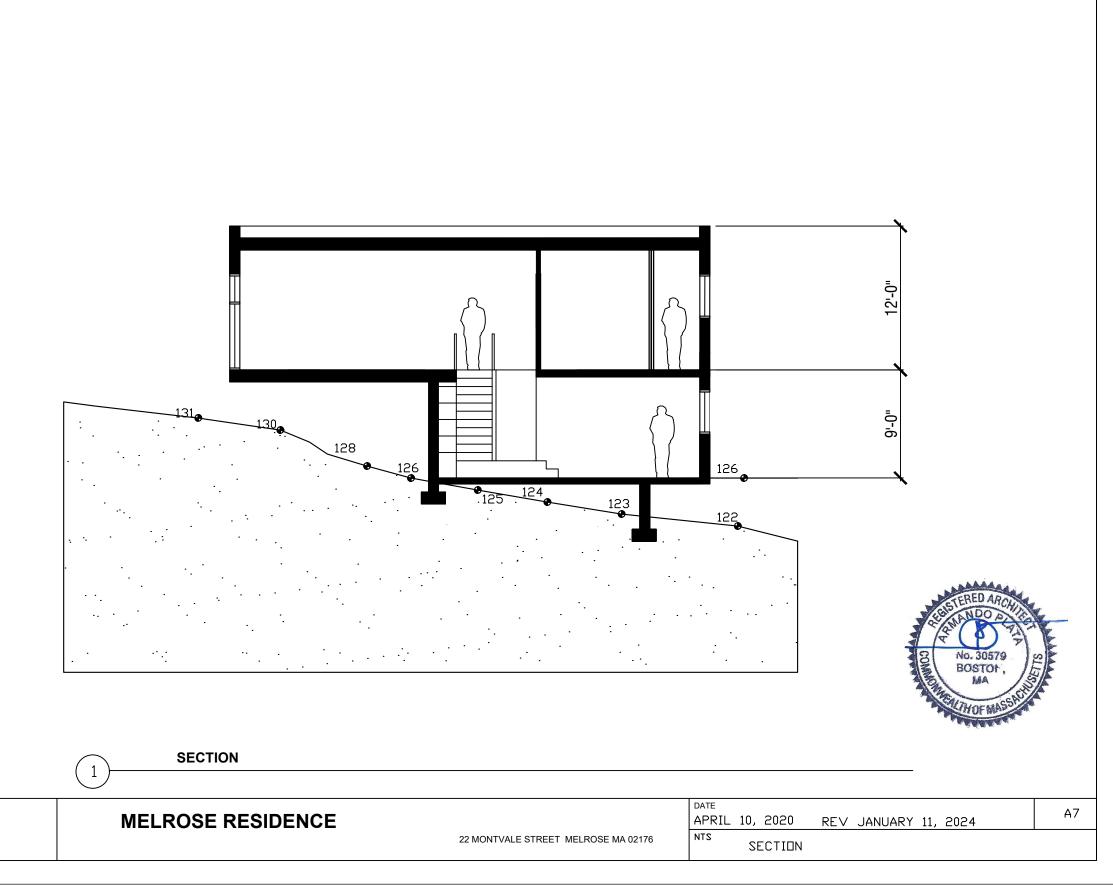




ARCHITECTURE Armando Plata AIA PE LEED AP BD+C Ag23studio@gmail.com









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