# 12 Lakeview Avenue

CAMBRIDGE, MA

# REISSUED PERMIT SET

June 16, 2021

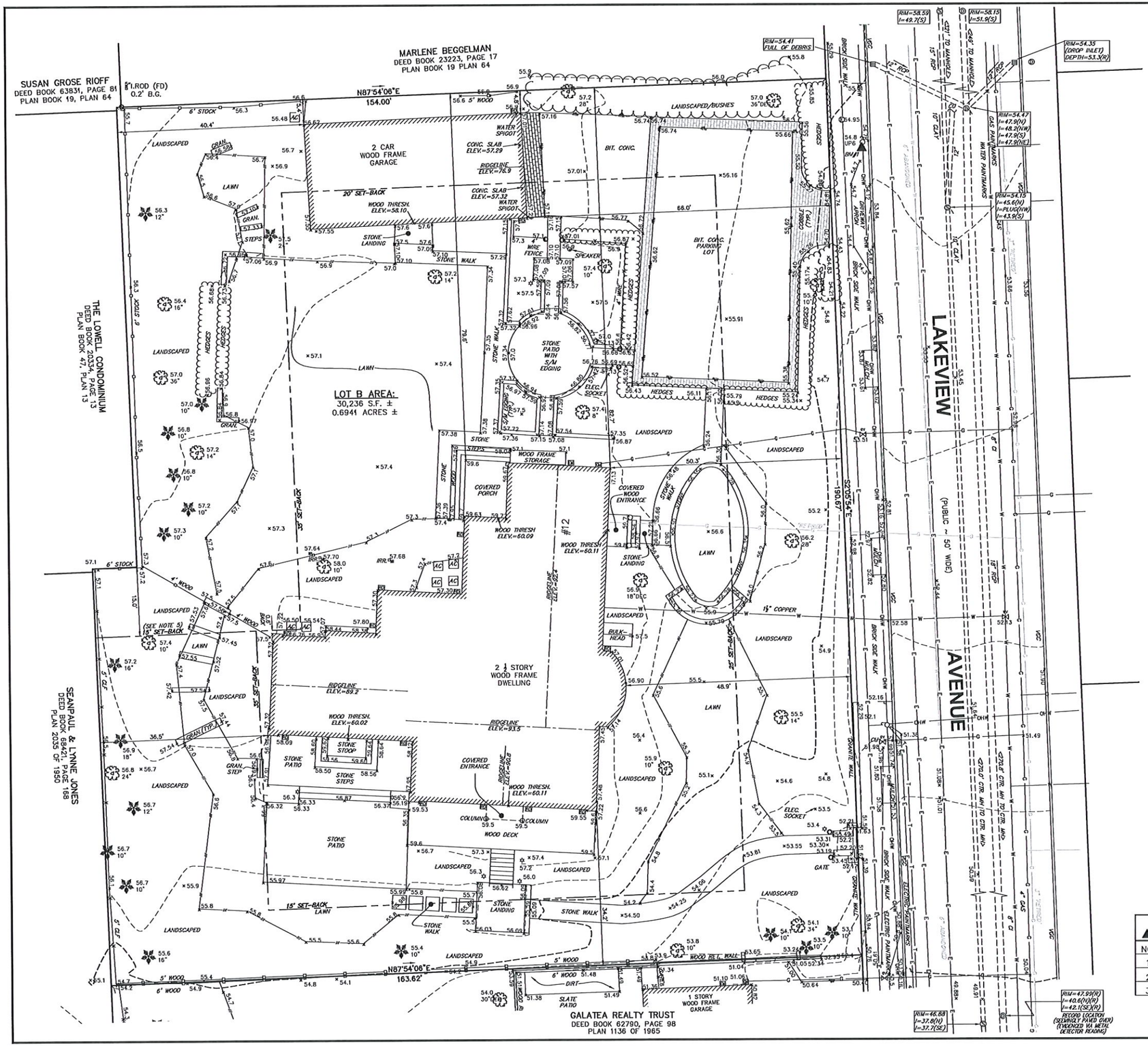

**GENERAL CONTRACTOR**
Thoughtforms Corporation
525 Massachusetts Ave, Suite 204
Acton, MA 01720
978.263.6019

**SURVEY/SITE ENGINEER**
Hancock Associates
185 Centre Street
Danvers, MA 01923
978.777.3050

**ARCHITECT**
Hart Associates Architects Inc.
50 Church Street
Belmont, MA 02478
617.489.0030

**STRUCTURAL ENGINEER**
Siegel Associates
860 Walnut Street
Newton Centre, MA 02459
617.244.1612


**LIST OF DRAWINGS:**




**ASSESSORS:** MAP 234, LOT 80

**REFERENCES:** DEED BOOK 71824, PAGE 24
PLAN 1136 OF 1965

**RECORD OWNER:** JEFFERSON M & ELIZABETH GREEN CASE

**ZONING:** RESIDENCE A-1

**NOTES:**

1) ELEVATIONS SHOWN HEREON REFER TO THE CITY OF CAMBRIDGE BASE. PROJECT BENCH MARK IS AN "X" CUT IN OHW POLE ON NORTHWEST CORNER, ON THE NORTH SIDE OF STEP IN POLE, AT THE INTERSECTION OF LAKEVIEW AND BRATTLE. ELEVATION IS 49.40 (CCB).

2) UNDERGROUND UTILITIES SHOWN HEREON ARE COMPILED FROM FIELD LOCATIONS OF STRUCTURES AND FROM AVAILABLE RECORD INFORMATION ON FILE AT THE TOWN ENGINEERING OFFICES, TOWN D.P.W., AND UTILITY COMPANIES. OTHER UNDERGROUND UTILITIES MAY EXIST. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION, SIZE & ELEVATION OF ALL UTILITIES WITHIN THE AREA OF PROPOSED WORK AND TO CONTACT "DIG-SAFE" AT 811 AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION, DEMOLITION OR CONSTRUCTION.

3) EVIDENCE OF UNDERGROUND IRRIGATION SYSTEM HAVE BEEN OBSERVED AT IRRIGATION HANDHOLES. LOCATION OF SAID LINES ARE UNKNOWN.

4) EVIDENCE OF UNDERGROUND ELECTRIC LINES HAVE BEEN OBSERVED AT ELECTRIC SOCKETS AND LAWN LIGHTS. CONNECTIONS OF SAID LINES ARE UNKNOWN.

5) ZONING SET-BACK LINES SHOWN HEREON PER HART ASSOCIATES BASED ON DISCUSSION WITH CAMBRIDGE BUILDING DEPARTMENT.

**LEGEND**

| | |
|---|---|
| 102 | SURFACE CONTOUR |
| | EDGE OF PAVEMENT |
| x x x | CHAIN LINK FENCE |
| | WOOD FENCE |
| 86.75 / 86.25 | CURB WITH TOP AND BOTTOM CURB ELEVATION |
| | EDGE OF VEGETATION |
| S 8"D | SEWERLINE & MANHOLE WITH PIPE SIZE, MATERIAL & FLOW DIRECTION |
| 12.8"D | DRAINLINE WITH PIPE SIZE, MATERIAL & FLOW DIRECTION, CATCHBASIN, MANHOLE & ROUND CATCHBASIN |
| W 6"D | WATER MANHOLE, WATER MAIN TEE, GATE VALVE & FIRE HYDRANT |
| G 10"DI | GAS MAIN WITH SIZE & GATE VALVE |
| #81 OHW | EXISTING UTILITY POLE WITH DESIGNATION OVERHEAD WIRES AND GUY POLE |
| E | ELECTRIC MANHOLE & UNDERGROUND ELECTRIC LINES |
| | EDGE OF LAWN |
| | ZONING SET-BACK LINE |
| | HEDGE LINE |
| × 55.5 | SPOT ELEVATION |
| 93.7 12" | PROMINENT DECIDUOUS TREE WITH ELEVATION, SIZE |
| 96.2 18" | PROMINENT CONIFEROUS TREE WITH ELEVATION, SIZE |
| | LAWN LIGHT |
| RCP | REINFORCED CONCRETE PIPE |
| SMH | SEWER MANHOLE |
| DMH | DRAIN MANHOLE |
| CB | CATCH BASIN |
| GM | GAS METER |
| EM | ELECTRIC METER |
| CU | CONNECTION UNKNOWN |
| | POST |
| | SIGN |
| (R) | RECORD |
| (FD) | FOUND |
| I.ROD | IRON ROD |
| VGC | VERTICAL GRANITE CURB |
| BIT. CONC. | BITUMINOUS CONCRETE |
| CLF | CHAIN LINK FENCE |
| RD | ROOF DRAIN |
| AC | HVAC UNIT |
| S/M | STONE AND MASONRY |
| GRAN. | GRANITE |
| IRR. | IRRIGATION HANDHOLE |

| ▲ ELEVATION BENCH MARKS DATUM: CAMBRIDGE CITY BASE (CCB) | | |
|---|---|---|
| NO. | DESCRIPTION | ELEV. |
| 1. | U POLE 6 – SPIKE 2' A.G. | 56.81 |
| 2. | OHW POLE – X-CUT ON N.W. CORNER | 49.40 |
| 3. | | |

SCALE: 1" = 10'

0 10 20

12
LAKEVIEW
AVENUE

Cambridge, Massachusetts 02138

PREPARED FOR:

HART
ASSOCIATES
ARCHITECTS,
INC.

50 Church Street
Belmont, Massachusetts 02478

HANCOCK
ASSOCIATES

Civil Engineers

Land Surveyors

Wetland Scientists

185 CENTRE STREET, DANVERS, MA 01923
VOICE (978) 777-3050, FAX (978) 774-7816
WWW.HANCOCKASSOCIATES.COM

COMMONWEALTH OF MASSACHUSETTS
JOSEPH M. SMULL
No. 45717
REGISTERED PROFESSIONAL LAND SURVEYOR

| NO. | BY | APP | DATE | ISSUE/REVISION DESCRIPTION |
|---|---|---|---|---|

DATE: 6/7/2019 DRAWN BY: AAF
SCALE: 1"=10' CHECK BY: JMS

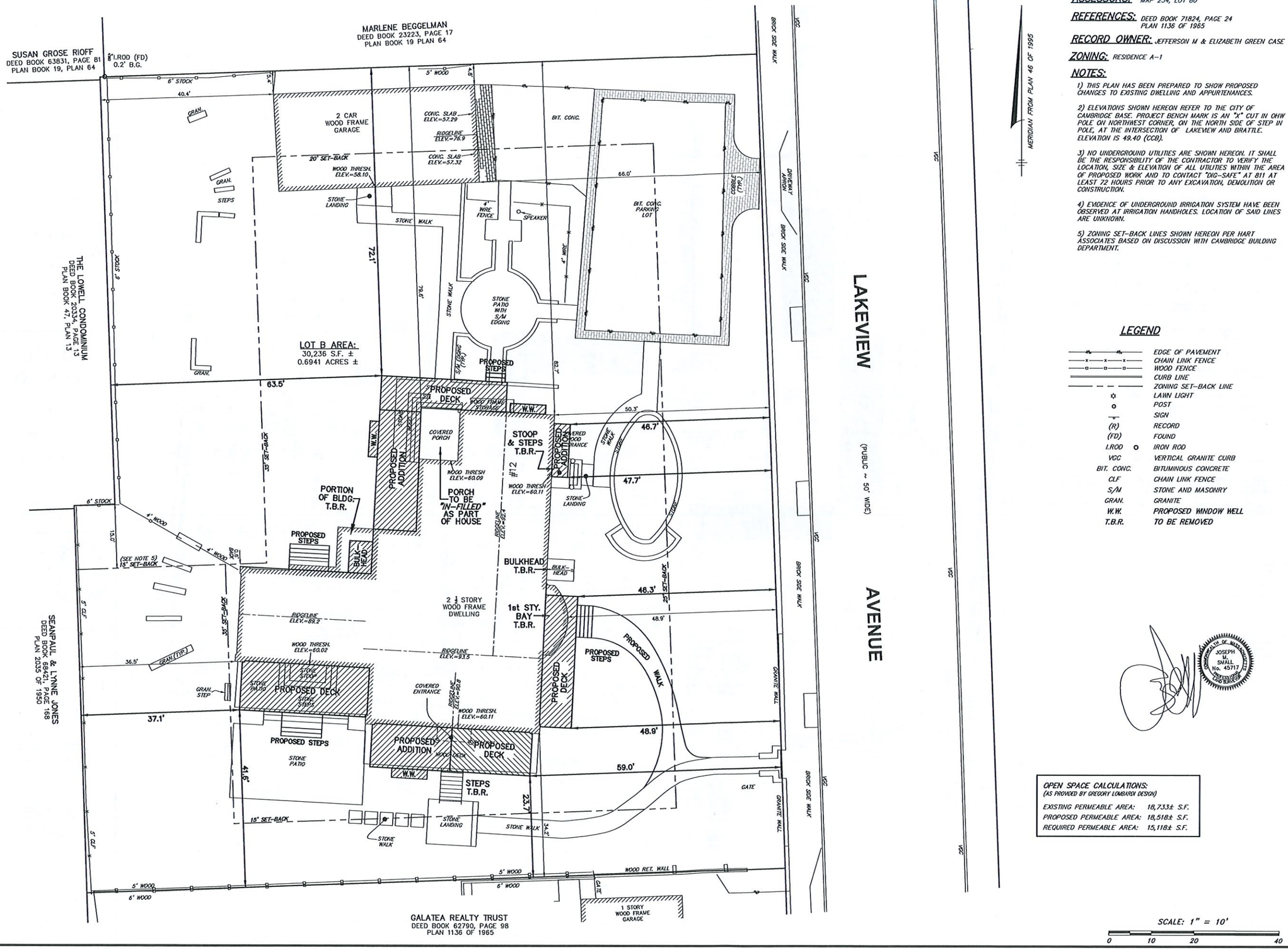
# EXISTING CONDITIONS PLAN OF LAND IN CAMBRIDGE, MA

PLOT DATE: Jun 10, 2019 3:30 pm
PATH: P:\CAD 20 Projects\21471 - Hart - Cambridge\Dwg\

DWG: 21471EC.dwg
LAYOUT: EC12
SHEET: 1 OF 1

PROJECT NO.: 21471

**REISSUED 06.16.2021**




SCALE: 1" = 10'

0 10 20 40

MERIDIAN FROM PLAN 46 OF 1995

**ASSESSORS:** MAP 234, LOT 80

**REFERENCES:** DEED BOOK 71824, PAGE 24
PLAN 1136 OF 1965

**RECORD OWNER:** JEFFERSON M & ELIZABETH GREEN CASE

**ZONING:** RESIDENCE A-1

**NOTES:**

1) THIS PLAN HAS BEEN PREPARED TO SHOW PROPOSED CHANGES TO EXISTING DWELLING AND APPURTENANCES.

2) ELEVATIONS SHOWN HEREON REFER TO THE CITY OF CAMBRIDGE BASE. PROJECT BENCH MARK IS AN "X" CUT IN OHW POLE ON NORTHWEST CORNER, ON THE NORTH SIDE OF STEP IN POLE, AT THE INTERSECTION OF LAKEVIEW AND BRATTLE. ELEVATION IS 49.40 (CCB).

3) NO UNDERGROUND UTILITIES ARE SHOWN HEREON. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION, SIZE & ELEVATION OF ALL UTILITIES WITHIN THE AREA OF PROPOSED WORK AND TO CONTACT "DIG-SAFE" AT 811 AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION, DEMOLITION OR CONSTRUCTION.

4) EVIDENCE OF UNDERGROUND IRRIGATION SYSTEM HAVE BEEN OBSERVED AT IRRIGATION HANDHOLES. LOCATION OF SAID LINES ARE UNKNOWN.

5) ZONING SET-BACK LINES SHOWN HEREON PER HART ASSOCIATES BASED ON DISCUSSION WITH CAMBRIDGE BUILDING DEPARTMENT.

**LEGEND**

| | |
|---|---|
| | EDGE OF PAVEMENT |
| x x x | CHAIN LINK FENCE |
| | WOOD FENCE |
| | CURB LINE |
| | ZONING SET-BACK LINE |
| ☼ | LAWN LIGHT |
| o | POST |
| ⊣ | SIGN |
| (R) | RECORD |
| (FD) | FOUND |
| I.ROD o | IRON ROD |
| VGC | VERTICAL GRANITE CURB |
| BIT. CONC. | BITUMINOUS CONCRETE |
| CLF | CHAIN LINK FENCE |
| S/M | STONE AND MASONRY |
| GRAN. | GRANITE |
| W.W. | PROPOSED WINDOW WELL |
| T.B.R. | TO BE REMOVED |

**OPEN SPACE CALCULATIONS:**
(AS PROVIDED BY GREGORY LOMBARDI DESIGN)

| | |
|---|---|
| EXISTING PERMEABLE AREA: | 18,733± S.F. |
| PROPOSED PERMEABLE AREA: | 18,518± S.F. |
| REQUIRED PERMEABLE AREA: | 15,118± S.F. |

JOSEPH M. SMALL
No. 45717
REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS

# 12 LAKEVIEW AVENUE

Cambridge, Massachusetts 02138

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|---|---|---|---|---|

DATE: 6/10/2019 DRAWN BY: AAF/JMS
SCALE: 1"=10' CHECK BY: JMS

## PROPOSED PLOT PLAN OF LAND IN CAMBRIDGE, MA

PLOT DATE: Jun 10, 2019 4:08 pm
PATH: P:\CAD Projects\21471 - Hart - Cambridge\DWG\

DWG: 21471EC.dwg
LAYOUT: PP12 (2)
SHEET: 1 OF 1
PROJECT NO.: 21471

**REISSUED 06.16.2021**

## LEGEND

| EXISTING | | PROPOSED |
|---|---|---|
| -54- | SURFACE CONTOUR | 18 |
| | EDGE OF PAVEMENT | |
| -X- | FENCE | |
| -S- | SEWERLINE | |
| -D- | DRAINLINE WITH CLEANOUT | CO — SD |
| | ROOF DRAIN WITH DOWNSPOUT | RD |
| -W- | WATER LINE | W — W |
| -G- | GAS MAIN | G |
| | DRAIN MANHOLE | D |
| | STRAW WATTLE BARRIER TO BE REMOVED | x x x x x x |

### PLAN INTENT

THE PURPOSE OF THESE PLANS IS TO SHOW THE PROPOSED STORMWATER DRAINAGE SYSTEM AND UTILITY SERVICE CONNECTIONS.

### GENERAL NOTES

1. CONTRACTOR SHALL FURNISH CONSTRUCTION LAYOUT OF BUILDING AND SITE IMPROVEMENTS. THIS WORK SHALL BE PERFORMED BY A PROFESSIONAL LAND SURVEYOR. PROPERTY LINES SHOWN HEREON ARE APPROXIMATE.
2. SAFETY MEASURES, CONSTRUCTION METHODS AND CONTROL OF WORK SHALL BE RESPONSIBILITY OF CONTRACTOR.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ANY EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION THAT ARE NOT DESIGNATED FOR DEMOLITION AND/OR REMOVAL HEREON. DAMAGED IMPROVEMENTS SHALL BE REPAIRED TO THE SATISFACTION OF THEIR RESPECTIVE OWNERS.
4. THIS PLAN IS NOT INTENDED TO SHOW AN ENGINEERED BUILDING FOUNDATION DESIGN, WHICH WOULD INCLUDE DETAILS AND FINAL ELEVATIONS OF FOOTINGS, WALLS AND SUBSURFACE DRAINAGE TO PREVENT INTERIOR FLOODING. SEE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.
5. ANY INTENDED REVISION OF THE HORIZONTAL AND/OR VERTICAL LOCATION OF IMPROVEMENTS TO BE CONSTRUCTED AS SHOWN HEREON SHALL BE REVIEWED AND APPROVED BY ENGINEER PRIOR TO IMPLEMENTATION.
6. RIM ELEVATIONS SHOWN FOR NEW STRUCTURES ARE APPROXIMATE AND ARE PROVIDED TO ASSIST CONTRACTOR WITH MATERIAL TAKEOFFS. FINISH RIM ELEVATIONS SHOULD MATCH PAVEMENT, GRADING OR LANDSCAPING, UNLESS SPECIFICALLY INDICATED OTHERWISE.
7. WHERE EXISTING UTILITY LINES/STRUCTURES ARE TO BE CUT/BROKEN DOWN/ABANDONED, LINES/STRUCTURES SHALL BE PLUGGED/CAPPED/FILLED IN ACCORDANCE WITH CITY REQUIREMENTS.
8. THE CONTRACTOR SHALL VERIFY THE LOCATION AND RELATIVE ELEVATION OF BENCH MARKS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER.
9. STRUCTURE DETAILS FROM INDEPENDENT VENDORS ARE CONSTANTLY CHANGING. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT DETAILS SHOWN MATCH CURRENT DETAILS AND SPECIFICATIONS FROM VENDORS.
10. PROPOSED BUILDING FOUNDATION CONFIGURATION AND LOCATION ON THE LOT AS SHOWN ARE CONCEPTUAL AND SHALL BE VERIFIED AS TO CONFORMANCE WITH FINAL ARCHITECTURAL PLANS AND ZONING ORDINANCES PRIOR TO CONSTRUCTION.
11. SITE LAYOUT AND GRADING DESIGN IS BY LANDSCAPE ARCHITECT AND IS SHOWN HEREIN FOR REFERENCE ONLY.
12. THE ENGINEER SHALL INSPECT THE BOTTOM OF EXCAVATION AT THE CHAMBER SYSTEM PRIOR TO INSTALLATION.
13. PIPE SLOPES SHOWN ARE IN FOOT/FOOT.

### REGULATORY NOTES

1. CONTRACTOR SHALL CONTACT DIG-SAFE FOR UNDERGROUND UTILITY MARKING AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF ANY WORK.
2. CONTRACTOR SHALL MAKE HIMSELF AWARE OF ALL CONSTRUCTION REQUIREMENTS, CONDITIONS, AND LIMITATIONS IMPOSED BY PERMITS AND APPROVALS ISSUED BY REGULATORY AUTHORITIES PRIOR TO COMMENCEMENT OF ANY WORK. CONTRACTOR SHALL COORDINATE AND OBTAIN ALL CONSTRUCTION PERMITS REQUIRED BY REGULATORY AUTHORITIES.
3. ALL WORK OUTSIDE OF BUILDING THAT IS LESS THAN 10 FEET FROM THE INSIDE FACE OF BUILDING FOUNDATIONS SHALL CONFORM WITH THE UNIFORM STATE PLUMBING CODE OF MASSACHUSETTS, 248 CUR 2.00.
4. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF CAMBRIDGE DPW STANDARDS.

### SOIL TEST DATA:

**TP-1**
0'-4" TOP SOIL, SANDY LOAM
4'-18" FILL, LOAMY SAND
18'-24" ORGANIC, CLAY LOAM
24'-60" C1, CLAY
60'-112" C2, CLAY LOAM
112'± C3, CLAY
GROUND EL=57.25
REDOX AT 112"
NO WEEPING, NO STANDING WATER

**TP-2**
0'-4" TOP SOIL, SANDY LOAM
4'-30" FILL/ASH, LOAMY SAND
30'-122" C HORIZON, CLAY LOAM
GROUND ELEVATION=58.00
NO WEEPING, NO STANDING WATER, NO REDOX

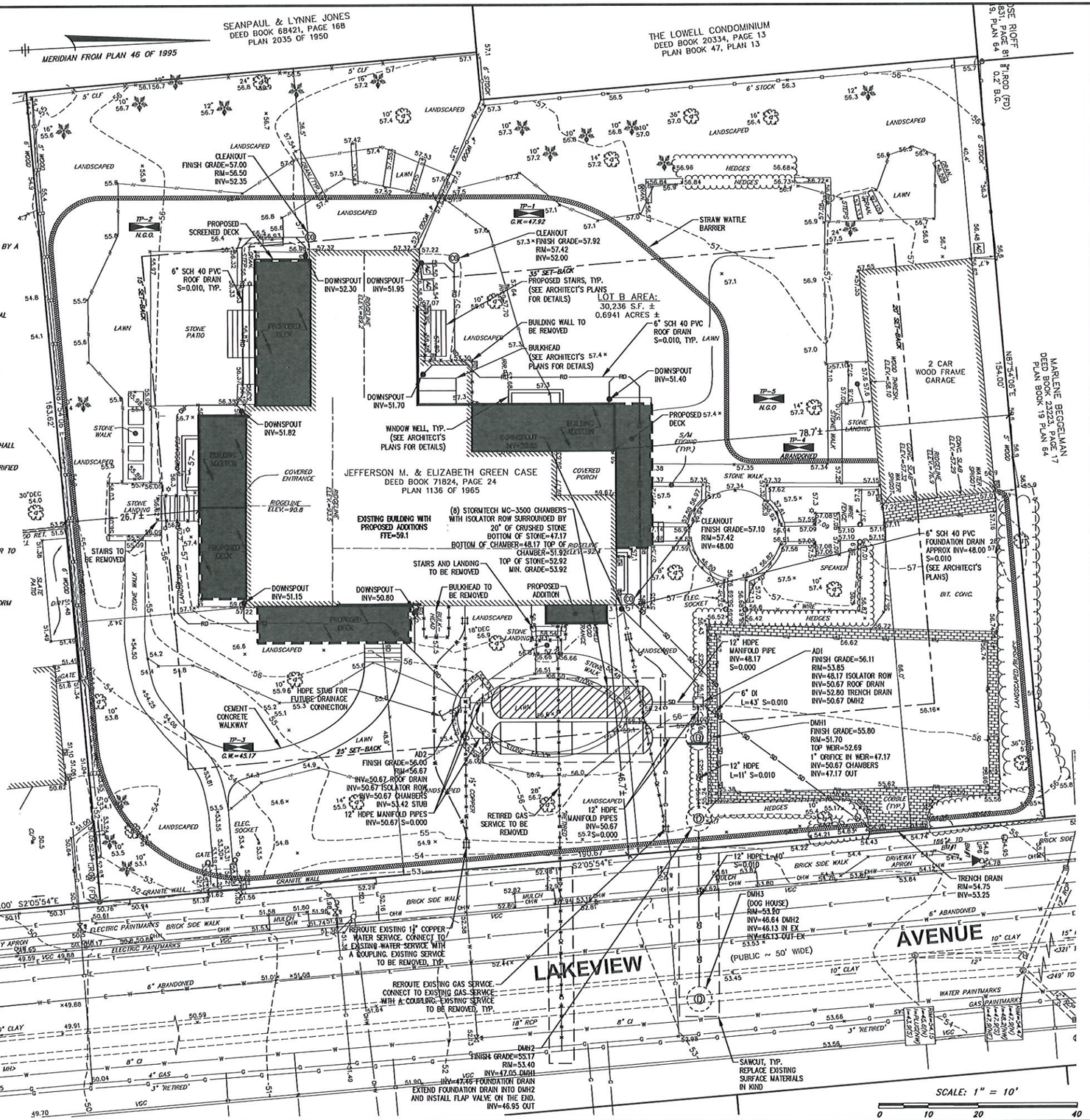
**TP-3**
0'-4" TOP SOIL, SANDY LOAM
4'-30" FILL, LOAMY SAND
30'-114" C1, CLAY LOAM
114'± C2, CLAY
GROUND ELEVATION=54.70
REDOX AT 112"
NO WEEPING, NO STANDING WATER

**TP-4**
WATER LINES ENCOUNTERED
TEST PIT ABANDONED

**TP-5**
0'-4" TOP SOIL, SANDY LOAM
4'-19" FILL, LOAMY SAND
19'-38" FILL/ASH, LOAMY SAND
38'-113" CLAY LOAM, CLAY LOAM
GROUND EL=57.30'

TEST PITS OBSERVED BY JACOB T. LEMIEUX (SE14144) OF HANCOCK ASSOCIATES ON FEBRUARY 7, 2019.

| ▲ | ELEVATION BENCH MARKS DATUM: CAMBRIDGE CITY BASE | |
|---|---|---|
| NO. | DESCRIPTION | ELEV. |
| 1. | U POLE 6 – SPIKE 2' A.G. | 56.81 |
| 2. | OHW POLE – X-CUT ON N.W. CORNER | 49.40 |
| 3. | | |





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COMMONWEALTH OF MASSACHUSETTS
KATHERINE A. CRUZ
CIVIL
No. 51304
REGISTERED PROFESSIONAL ENGINEER
6-6-19

| NO. | BY | APP | DATE | ISSUE/REVISION DESCRIPTION |
|---|---|---|---|---|

DATE: 6/7/2019 DRAWN BY: JJP
SCALE: 1"=10' CHECK BY: KAC

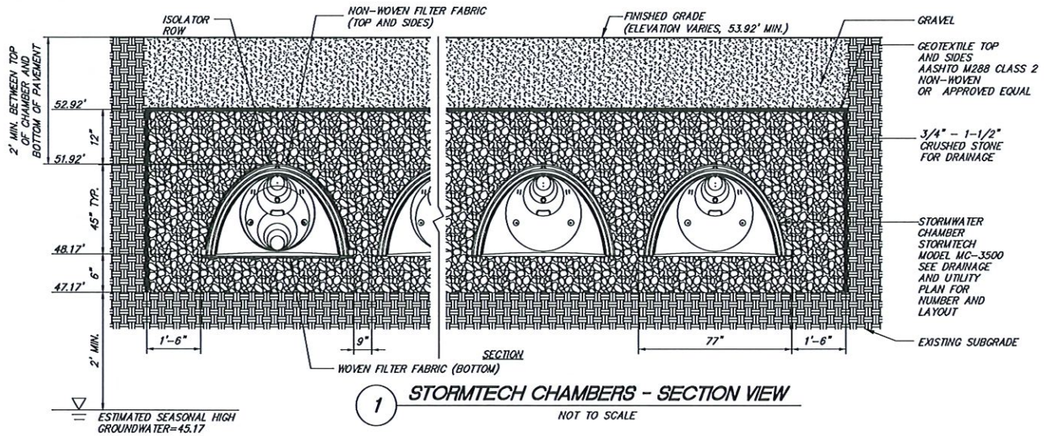
# DRAINAGE AND UTILITY PLAN

PLOT DATE: Jun 10, 2019 4:48 pm
PATH: P:\204 20 Projects\21471 - Hart - Cambridge\DWG\

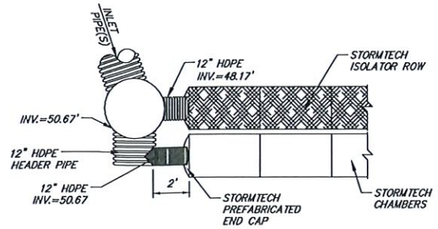
DWG: 21471ps.dwg
LAYOUT: C1
SHEET: 1 OF 2
PROJECT NO.: 21471

C1

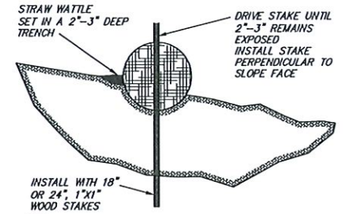
REISSUED 06.16.2021



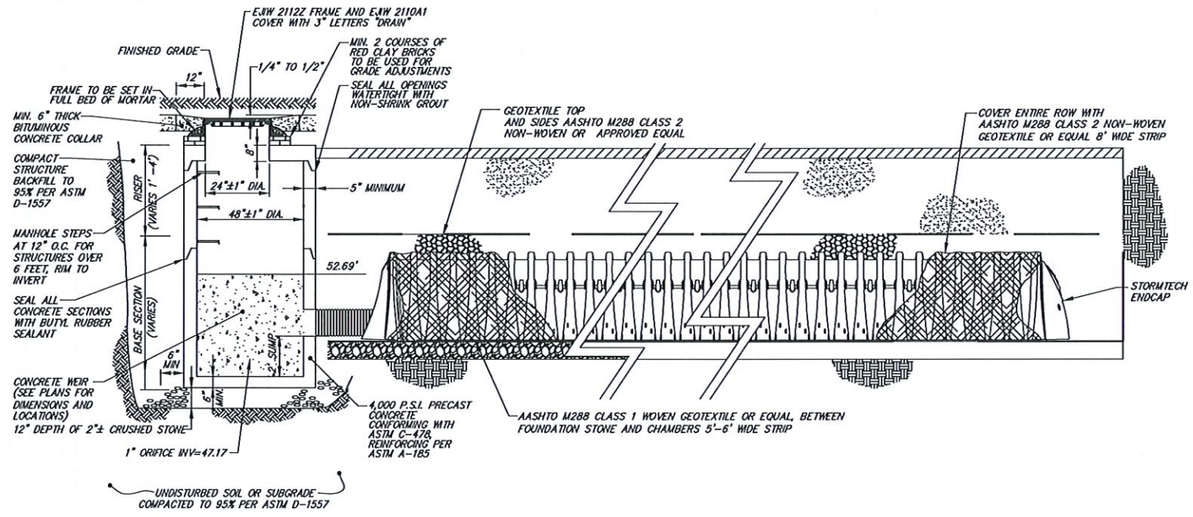

1 STORMTECH CHAMBERS - SECTION VIEW
NOT TO SCALE




3 STORMTECH CHAMBERS - MANIFOLD
NOT TO SCALE

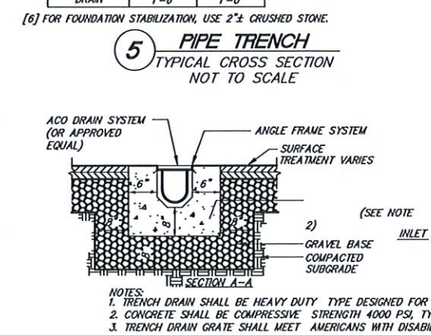



4 STRAW WATTLE INSTALLATION
NOT TO SCALE




NOTE: CONICAL TOP DMH MAY ALSO BE USED

2 STORMTECH CHAMBERS - ISOLATOR ROW
NOT TO SCALE




| FOUNDATION, BEDDING, & BACKFILL MATERIALS | | |
|---|---|---|
| PIPE MATERIAL | HDP, PVC | RC, DI |
| FOUNDATION STABILIZATION | [6] | [6] |
| BEDDING | [1] | [1] |
| HAUNCHING | [1] | [1] |
| INITIAL BACKFILL | [1] | [1] |
| FINAL BACKFILL | [4] | [4] |
| MIN. PIPE COVER | [5] | [5] |

NOTES:
[1] PLACE 3/4"± GRADED GRANULAR BACKFILL AT OPTIMUM MOISTURE IN HORIZONTAL, 8"-DEEP, LOOSE LAYERS, COMPACT TO 95% PER ASTM D-1557.
[2] MINIMUM WIDTH OF TRENCH MEASURED AT THE SPRINGLINE OF THE PIPE, INCLUDING ANY NECESSARY SHEATHING:

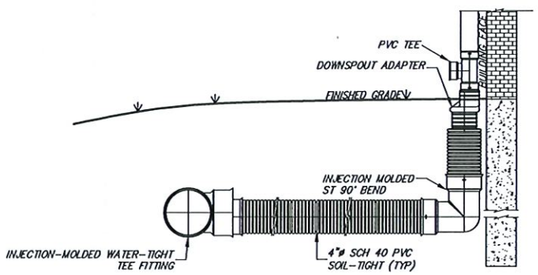
| PIPE I.D. | WIDTH |
|---|---|
| LESS THAN 21" | O.D. + 12" |
| 21" TO 42" | O.D. + 24" |
| GREATER THAN 42" | O.D. + 30" |

[3] INSTALL PIPE IN CENTER OF TRENCH.
[4] IN PLANTED OR UNIMPROVED AREAS, USE ON-SITE EXCAVATED MATERIAL FOR FINAL BACKFILL. COMPACT TO 95% PER ASTM D-1557. IN PAVED AREAS, OBTAIN ENGINEER APROVAL OF ON-SITE EXCAVATED MATERIALS FOR USE AS FINAL BACKFILL.
[5] MINIMUM COVER OVER TOP OF PIPE:

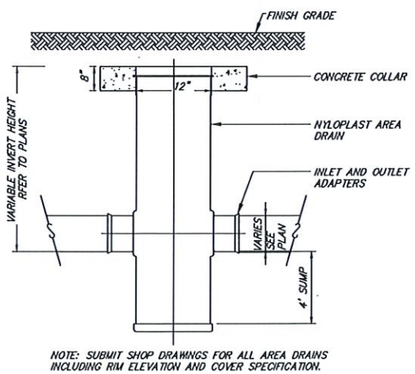
| PIPE MATERIAL | HDP, PVC | RC, DI |
|---|---|---|
| WATER | 5'-0" | 5'-0" |
| SEWER | 4'-0" | 4'-0" |
| DRAIN | 1'-6" | 1'-0" |

[6] FOR FOUNDATION STABILIZATION, USE 2"± CRUSHED STONE.

5 PIPE TRENCH
TYPICAL CROSS SECTION
NOT TO SCALE

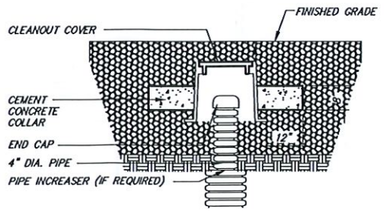



6 ROOF DRAIN DETAIL WITH CLEANOUT
NOT TO SCALE




NOTE: SUBMIT SHOP DRAWINGS FOR ALL AREA DRAINS INCLUDING RIM ELEVATION AND COVER SPECIFICATION.

7 AREA DRAIN
TYPICAL CROSS SECTION
NOT TO SCALE




8 DRAIN CLEANOUT
TYPICAL CROSS SECTION
NOT TO SCALE




NOTES:
1. TRENCH DRAIN SHALL BE HEAVY DUTY TYPE DESIGNED FOR HS-20 LOADING.
2. CONCRETE SHALL BE COMPRESSIVE STRENGTH 4000 PSI, TYPE II CEMENT.
3. TRENCH DRAIN GRATE SHALL MEET AMERICANS WITH DISABILITY (ADA) REGULATIONS.

9 TRENCH DRAIN
TYPICAL PROFILE

12
LAKEVIEW
AVENUE

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COMMONWEALTH OF MASSACHUSETTS
KATHERINE A. CRUZ
CIVIL
No. 51354
REGISTERED PROFESSIONAL ENGINEER
6.6.19

| NO. | BY | APP | DATE | ISSUE/REVISION DESCRIPTION |
|---|---|---|---|---|

DATE: 6/7/2019 DRAWN BY: JJP
SCALE: 1"=10' CHECK BY: KAC

# DRAINAGE AND UTILITY DETAILS

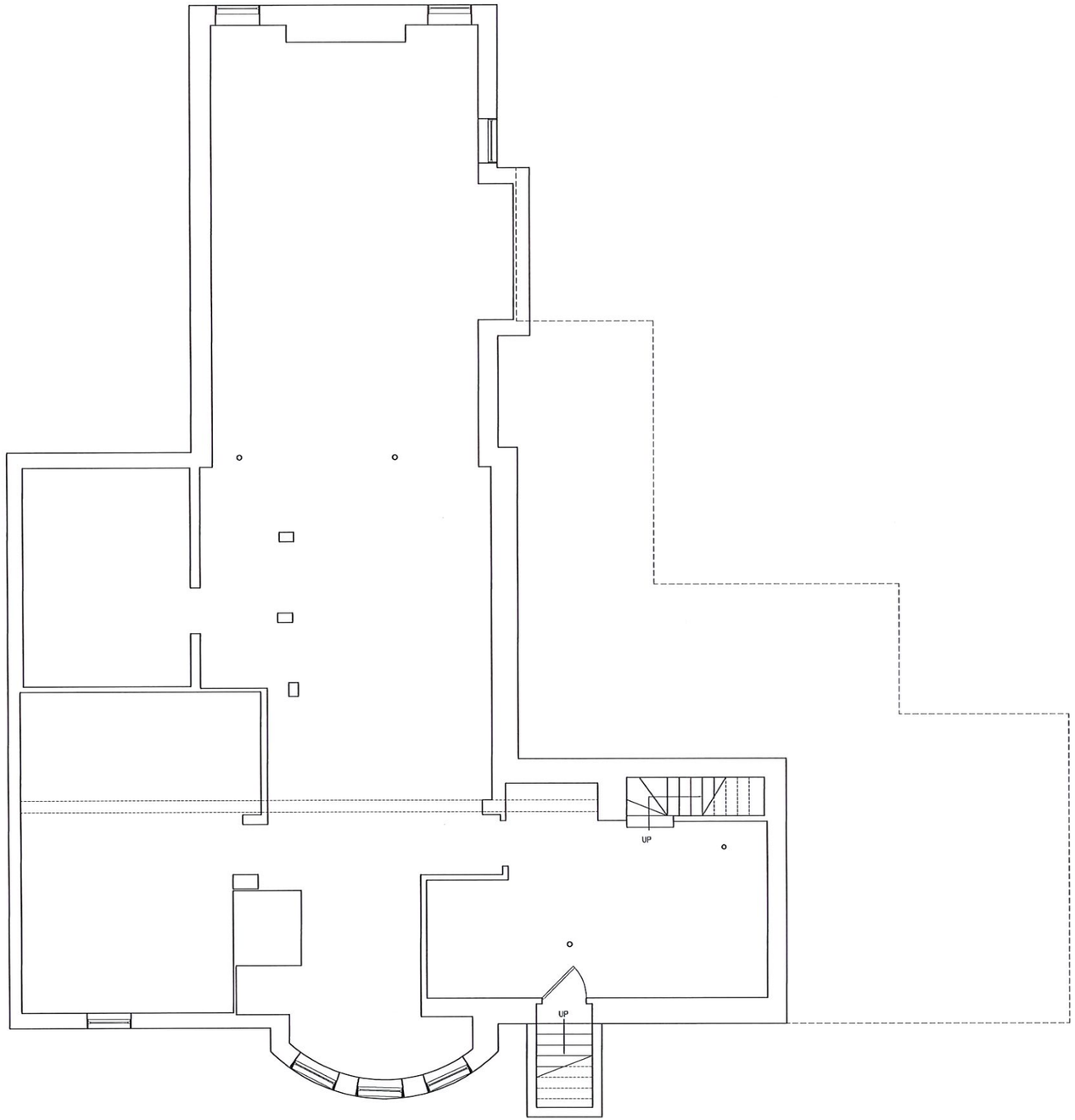
PLOT DATE: Jun 06, 2019 3:38 pm
PATH: P:\21471 3D Projects\21471 - Hart - Cambridge\DWG\

DWG: 21471ps.dwg
LAYOUT: C2
SHEET: 2 OF 2

C2

PROJECT NO.: 21471

REISSUED 06.16.2021




0 EXISTING BASEMENT PLAN
SCALE: 1/4" = 1'-0"

REGISTERED ARCHITECT
STEPHEN K. HART
No. 7822
CAMBRIDGE
COMMONWEALTH OF MASSACHUSETTS

ARCHITECTS
Hart Associates, Inc.
Telephone 617-489-0029
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50 Church Street
Belmont, Massachusetts
02478

12 Lakeview Avenue
Cambridge, MA

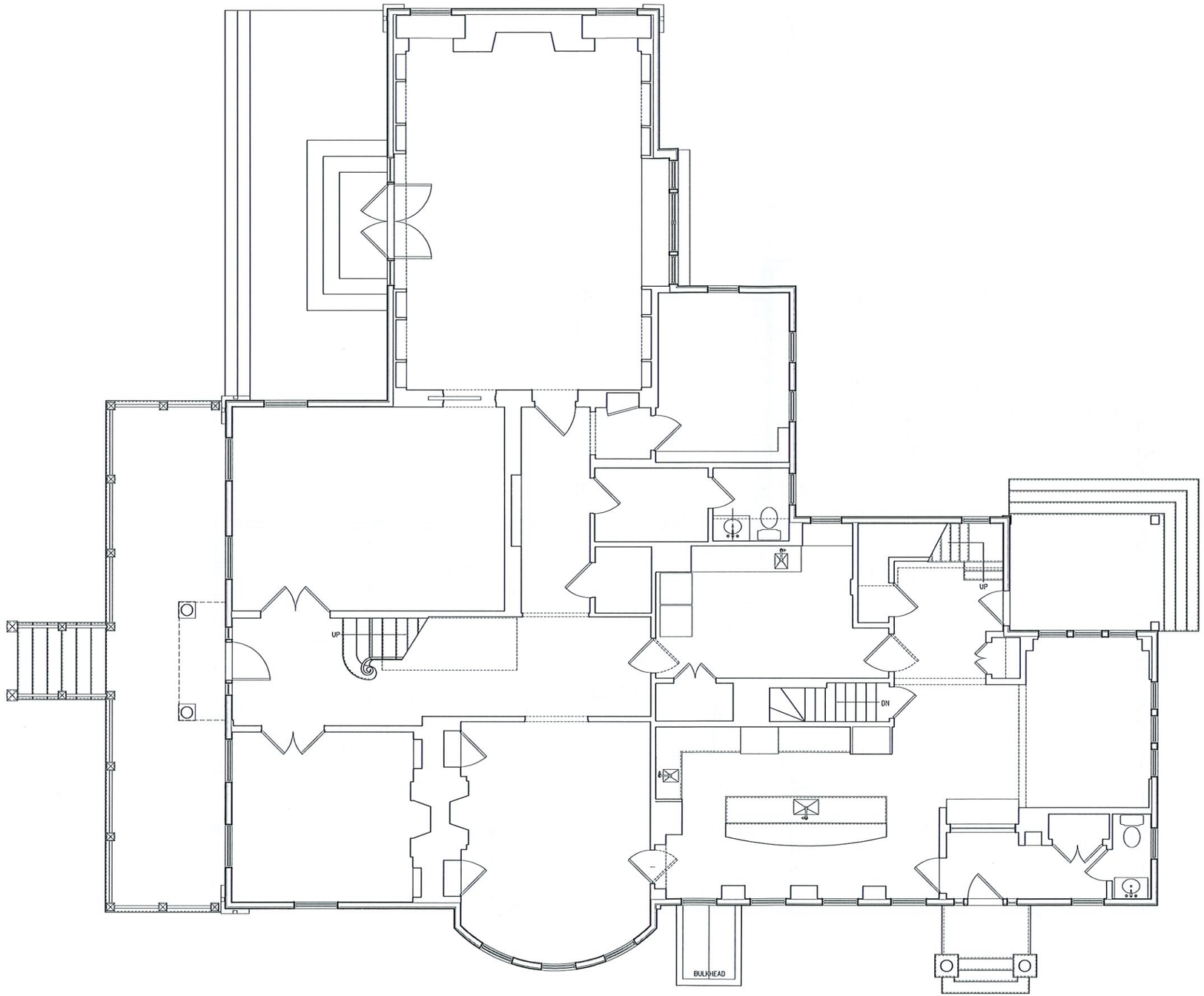
EXISTING BASEMENT FLOOR PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

EX1.0

PERMIT SET 06.06.2019

REISSUED 06.16.2021




1 EXISTING FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

PERMIT SET 06.06.2019

REISSUED 06.16.2021

REGISTERED ARCHITECT
STEPHEN K. HART
No. 7822
CAMBRIDGE
COMMONWEALTH OF MASSACHUSETTS

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Hart Associates, Inc.
phone 617-489-0030
fax 617-489-0091
90 Church Street
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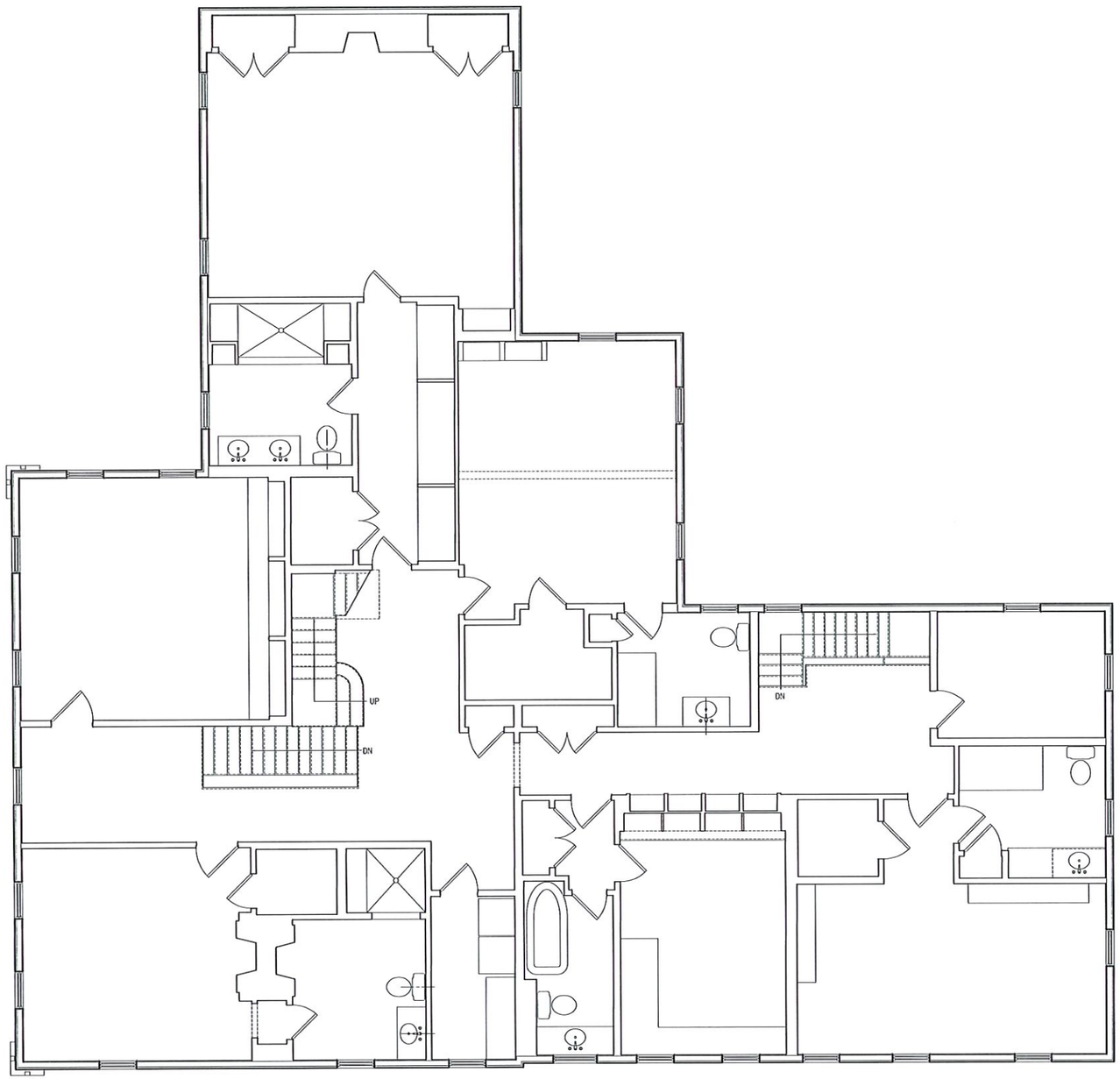
Cambridge, MA

EXISTING FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

EX1.1




② EXISTING SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

PERMIT SET 06.06.2019

REISSUED 06.16.2021

REGISTERED ARCHITECT
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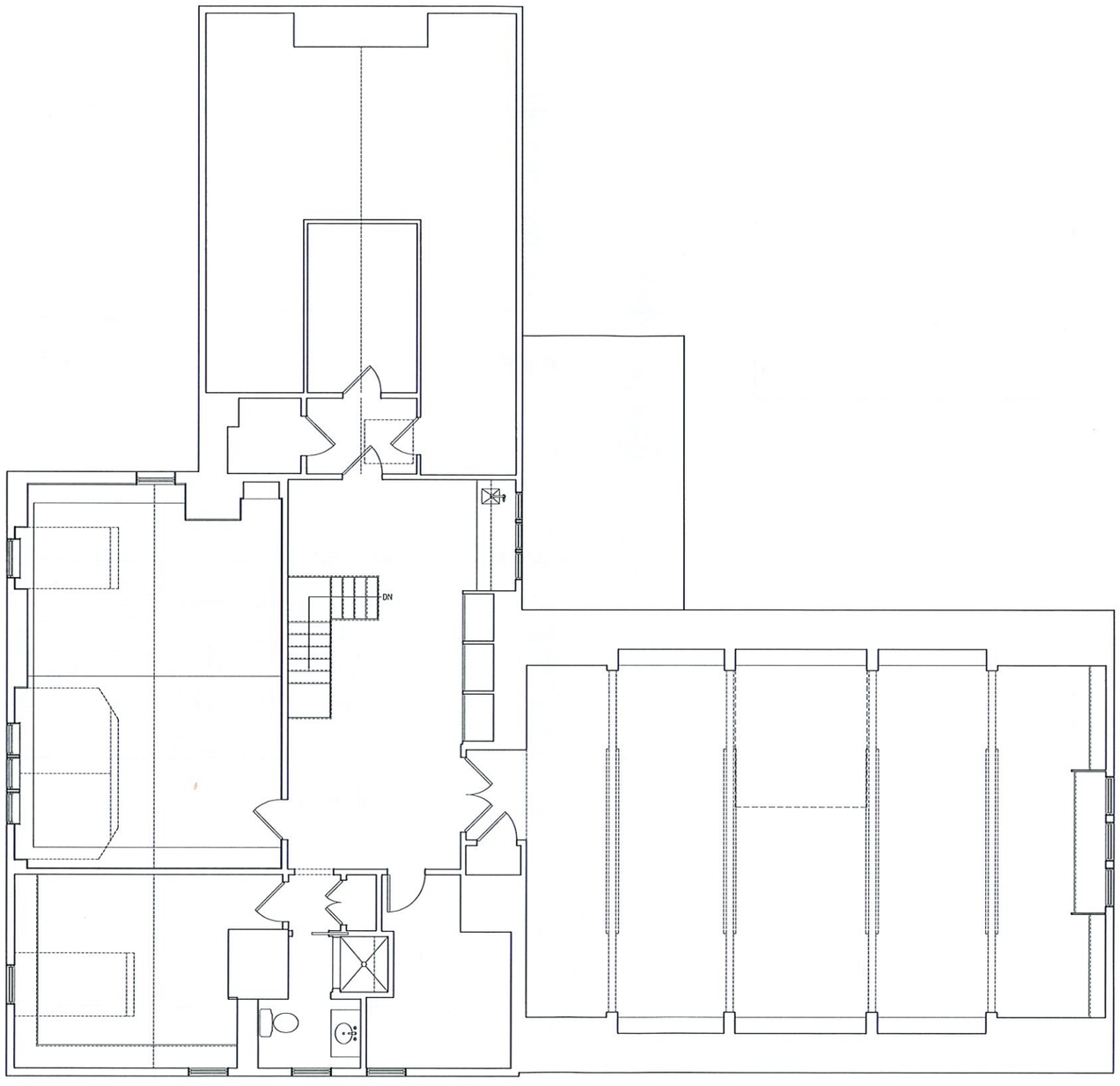
Cambridge, MA

EXISTING SECOND FLOOR PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

EX1.2




3 EXISTING THIRD FLOOR PLAN
SCALE: 1/4" = 1'-0"

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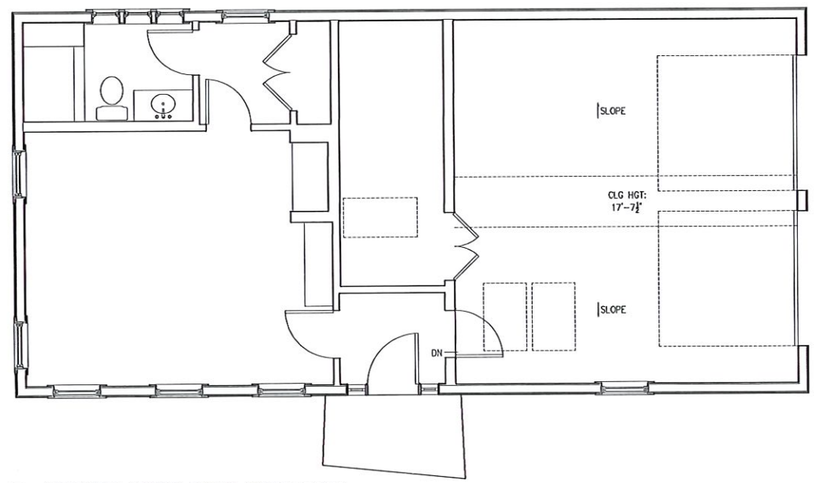
EXISTING THIRD FLOOR PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

EX1.3

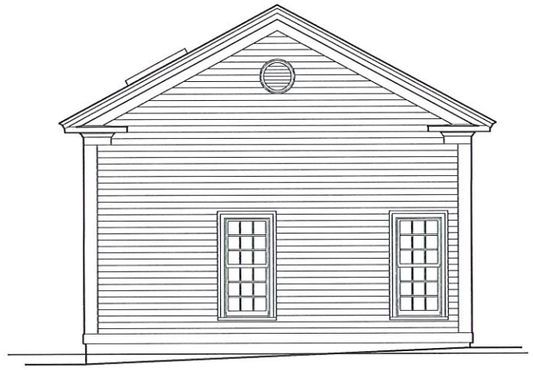
PERMIT SET 06.06.2019

REISSUED 06.16.2021



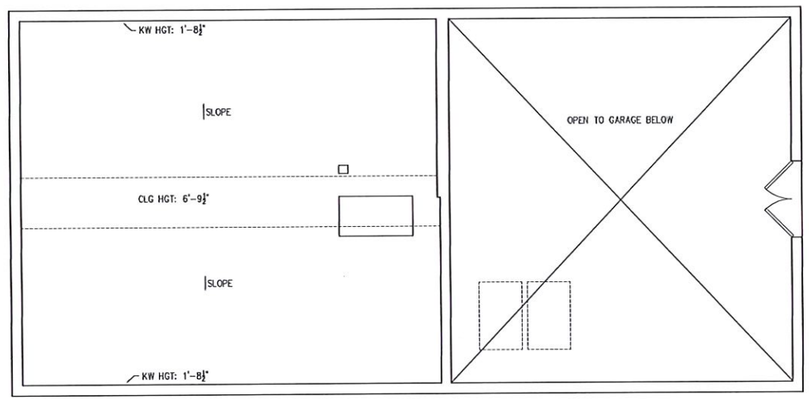

1 CARRIAGE HOUSE FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

3 CARRIAGE HOUSE EAST ELEVATION
SCALE: 1/4" = 1'-0"

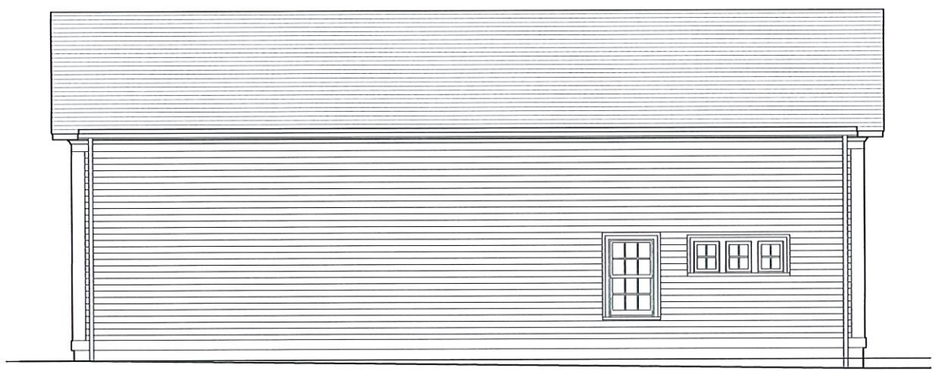


4 CARRIAGE HOUSE WEST ELEVATION
SCALE: 1/4" = 1'-0"

5 CARRIAGE HOUSE SOUTH ELEVATION
SCALE: 1/4" = 1'-0"




2 CARRIAGE HOUSE ATTIC PLAN
SCALE: 1/4" = 1'-0"



6 CARRIAGE HOUSE NORTH ELEVATION
SCALE: 1/4" = 1'-0"


PERMIT SET 06.06.2019

REISSUED 06.16.2021

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EXISTING
CARRIAGE HOUSE
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

EX1.4

2 EXISTING EAST ELEVATION
SCALE: 1/4" = 1'-0"


1 EXISTING SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

PERMIT SET 06.06.2019

REISSUED 06.16.2021

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EXIST. EXTERIOR ELEVATIONS
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

EX2.1

3 EXISTING NORTH ELEVATION
SCALE: 1/4" = 1'-0"


4 EXISTING WEST ELEVATION
SCALE: 1/4" = 1'-0"

PERMIT SET 06.06.2019

REISSUED 06.16.2021

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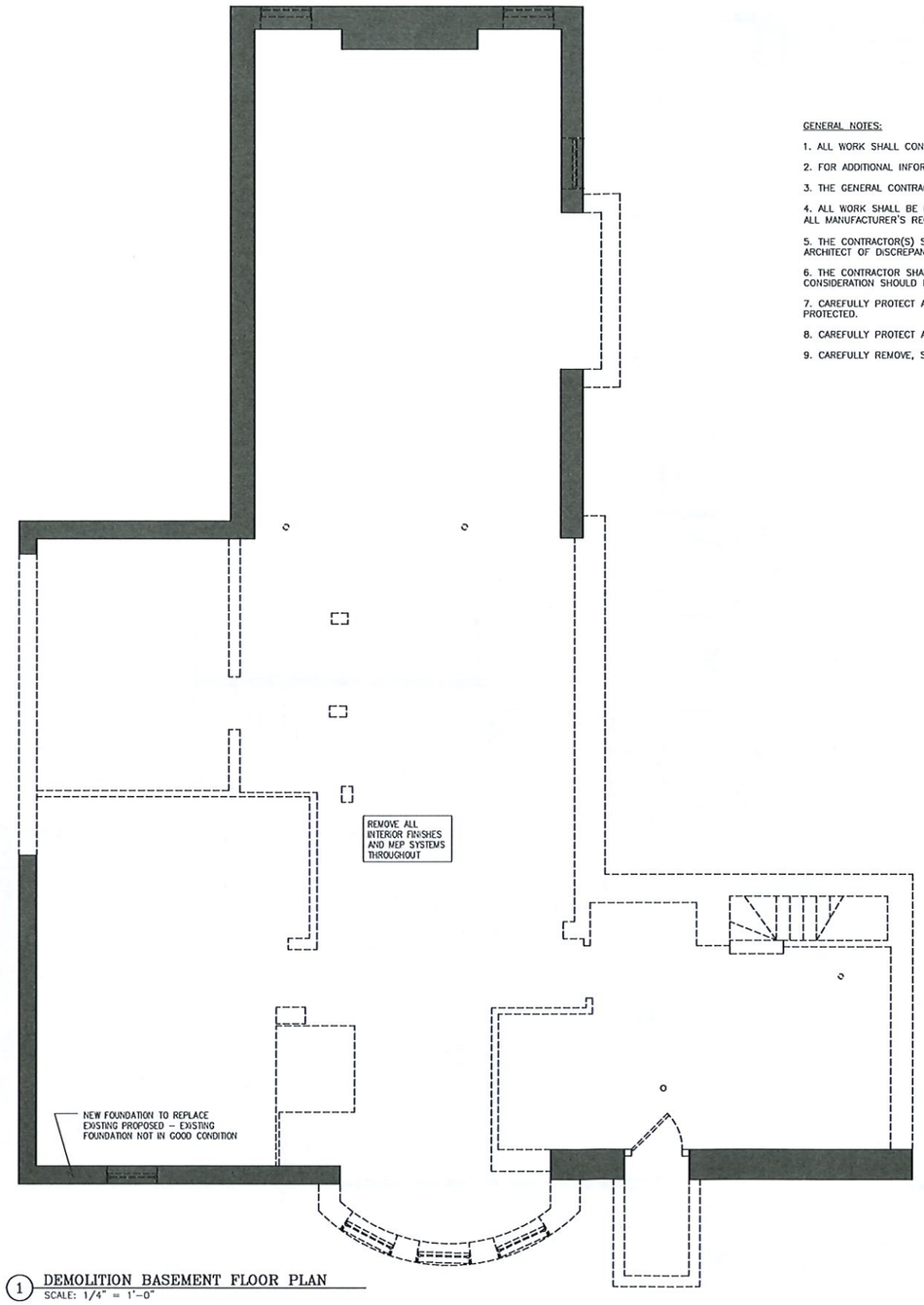
Cambridge, MA

EXIST. EXTERIOR ELEVATIONS
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

EX2.2




1 DEMOLITION BASEMENT FLOOR PLAN
SCALE: 1/4" = 1'-0"

EXISTING WALLS BE REMOVED

EXISTING WALLS TO REMAIN

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO STATE AND LOCAL CODES AND THE REQUIREMENTS OF THE LOCAL FIRE DEPARTMENT.
2. FOR ADDITIONAL INFORMATION, REFER TO THE DRAWINGS.
3. THE GENERAL CONTRACTOR SHALL KEEP THE PROJECT GENERALLY CLEAN OF ALL DEBRIS AND PICK UP AT THE END OF EACH WORKDAY.
4. ALL WORK SHALL BE DONE IN A WORKMANLIKE MANNER. MATERIALS AND EQUIPMENT TO COMPLY WITH AND BE INSTALLED ACCORDING TO ALL MANUFACTURER'S RECOMMENDATIONS AND TRADE AND INDUSTRY STANDARDS.
5. THE CONTRACTOR(S) SHALL FAMILIARIZE WITH HIM/HERSELF WITH AND VERIFY EXISTING SITE CONDITIONS AND EXISTING STRUCTURE. ADVISE ARCHITECT OF DISCREPANCIES WITH DRAWN CONDITIONS PRIOR TO INITIATING WORK.
6. THE CONTRACTOR SHALL REVIEW WITH THE OWNER THE EXTENT OF THE DEMOLITION PRIOR TO COMMENCEMENT OF THE WORK. SPECIAL CONSIDERATION SHOULD BE GIVEN TO PROTECT AND SEGREGATE AREAS NOT SCHEDULED FOR MODIFICATIONS.
7. CAREFULLY PROTECT ALL FINISH SURFACES TO REMAIN. ALL EXISTING EXTERIOR SURFACES ON EXISTING WALLS TO REMAIN AND BE PROTECTED.
8. CAREFULLY PROTECT ALL EXISTING WINDOWS TO REMAIN AS INDICATED.
9. CAREFULLY REMOVE, SAVE AND PROTECT EXISTING ITEMS INDICATED ON DRAWINGS.

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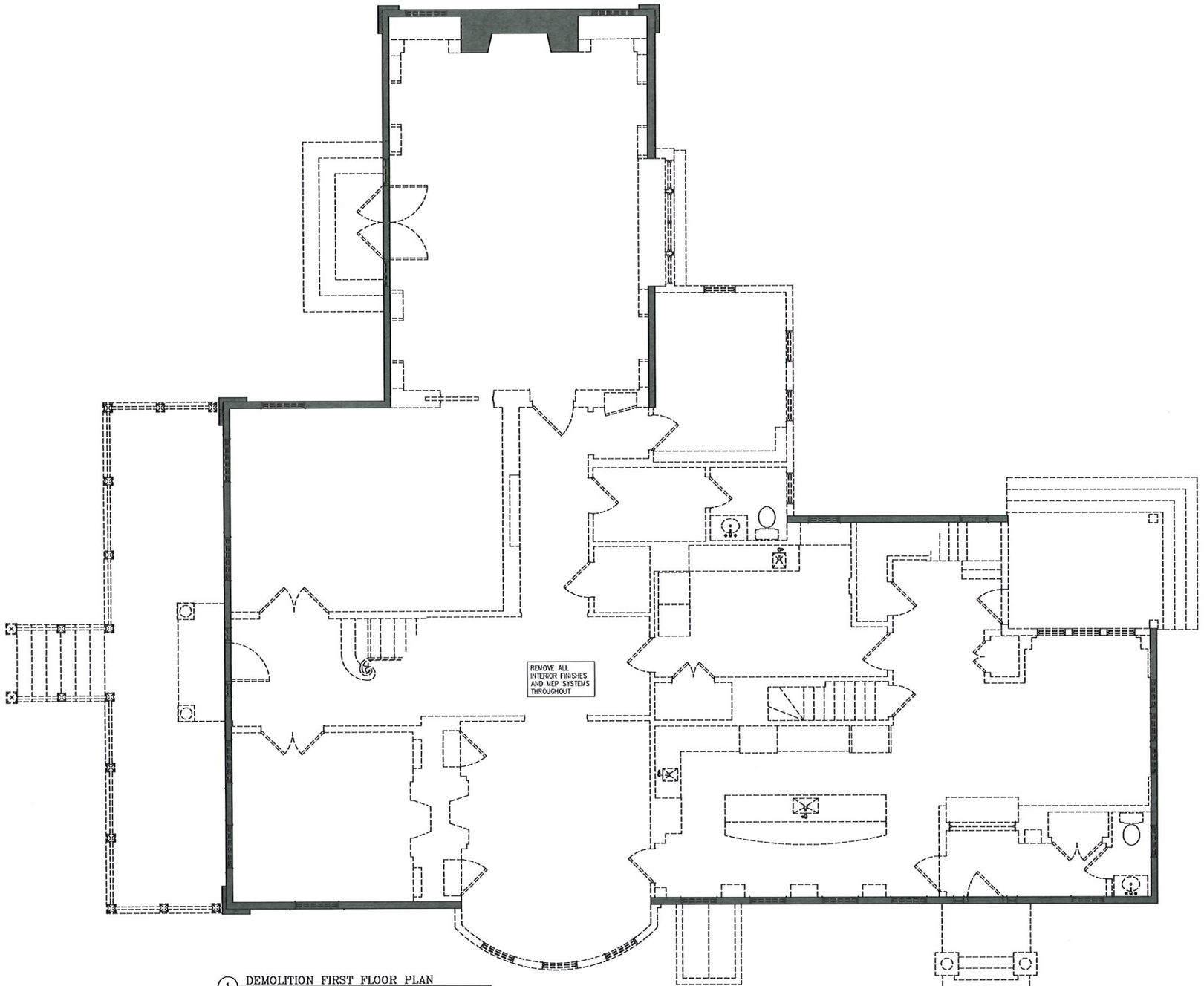
BASEMENT
DEMOLITION PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

D1.0

PERMIT SET 06.06.2019

REISSUED 06.16.2021




1 DEMOLITION FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

EXISTING WALLS BE REMOVED

EXISTING WALLS TO REMAIN

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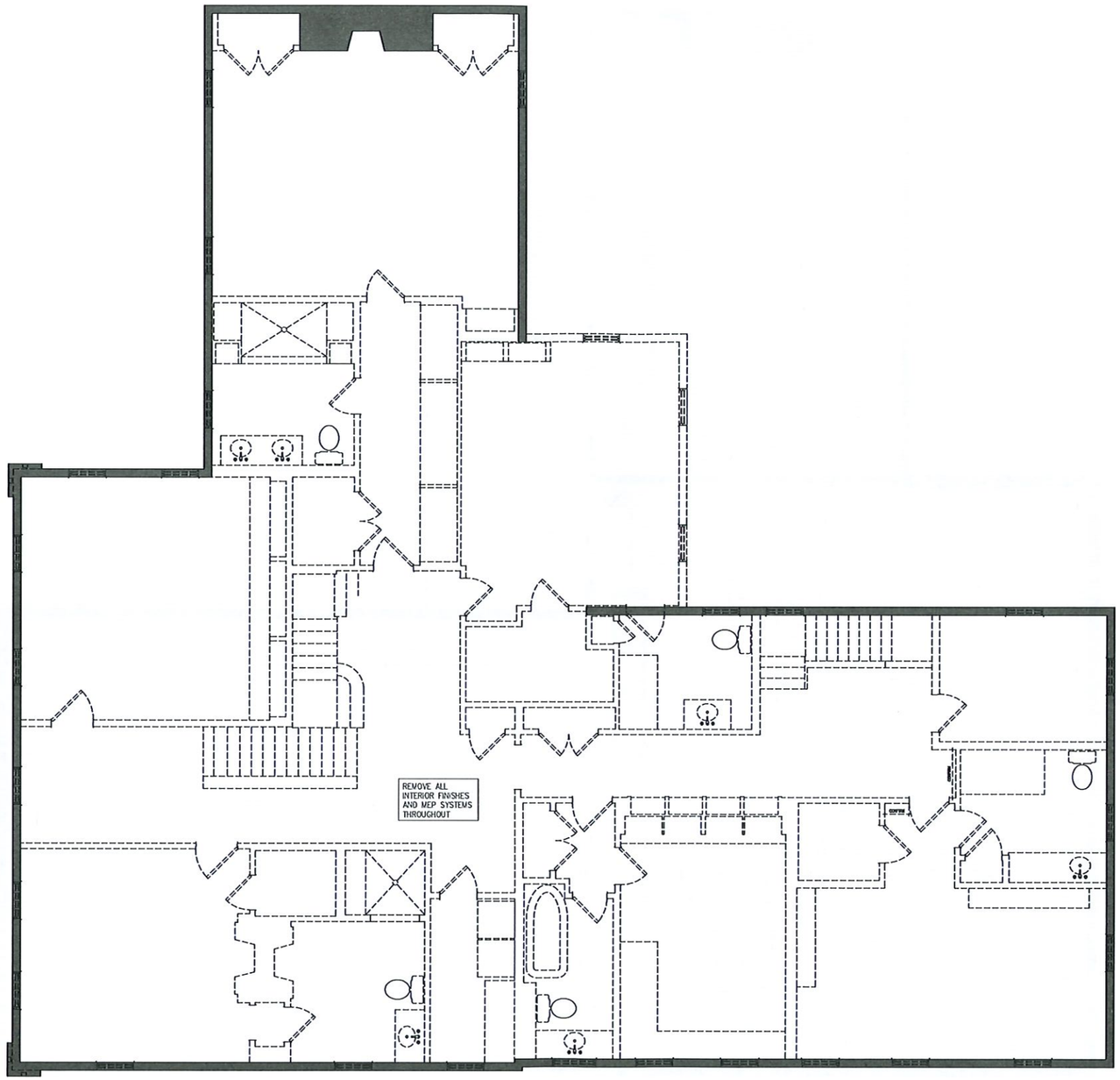
FIRST FLOOR
DEMOLITION
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 04.15.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

D1.1

PERMIT SET 06.06.2019

REISSUED 06.16.2021




1 DEMOLITION SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

EXISTING WALLS BE REMOVED

EXISTING WALLS TO REMAIN

PERMIT SET 06.06.2019

REISSUED 06.16.2021

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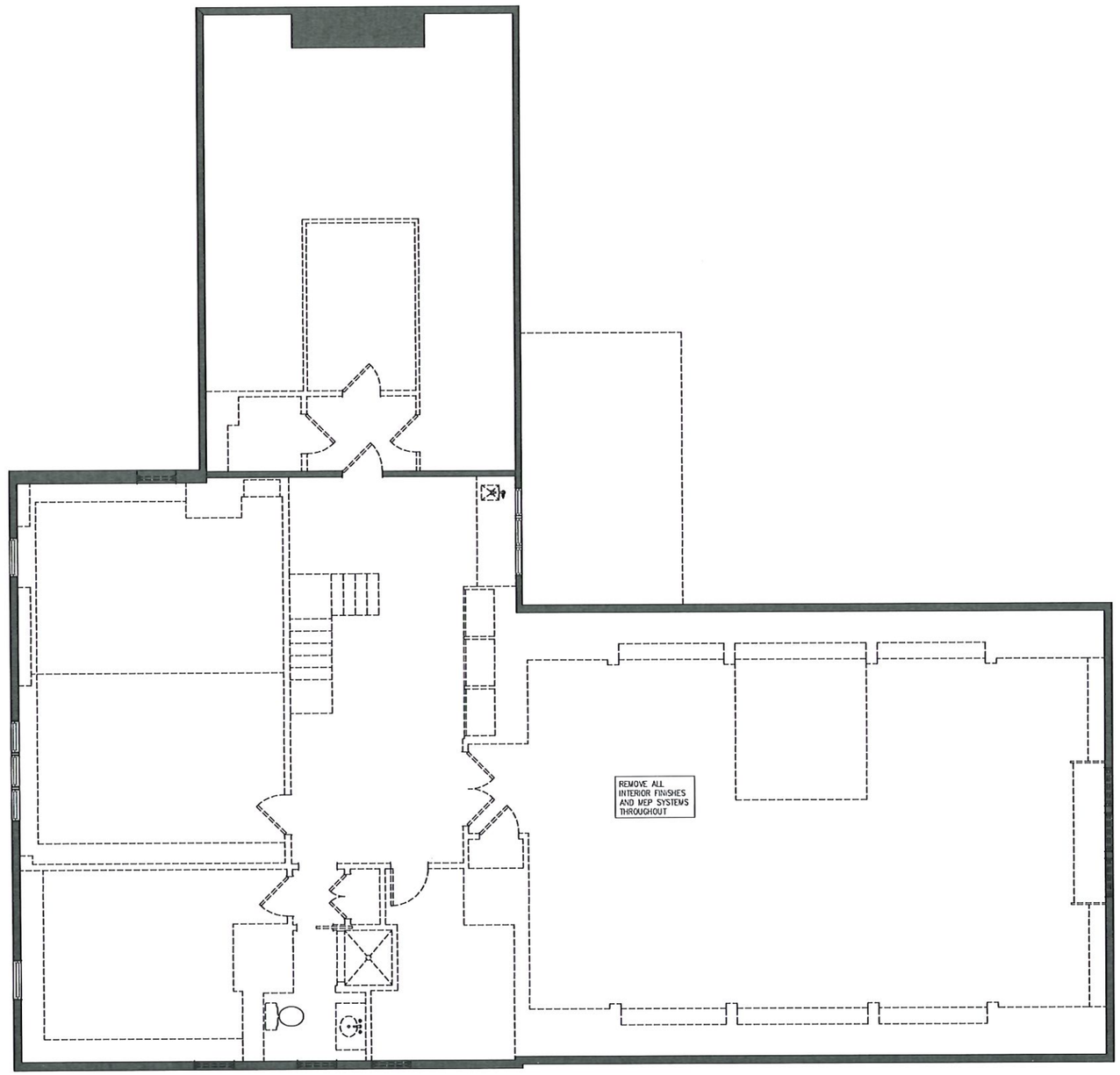
SECOND FLOOR
DEMOLITION PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

D1.2




1 DEMOLITION THIRD FLOOR PLAN
SCALE: 1/4" = 1'-0"

EXISTING WALLS BE REMOVED

EXISTING WALLS TO REMAIN

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THIRD FLOOR
DEMOLITION PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

D1.3

PERMIT SET 06.06.2019

REISSUED 06.16.2021


1 DEMOLITION SOUTH ELEVATION
SCALE: 1/4" = 1'-0"


2 DEMOLITION EAST ELEVATION
SCALE: 1/4" = 1'-0"

PERMIT SET 06.06.2019

REISSUED 06.16.2021

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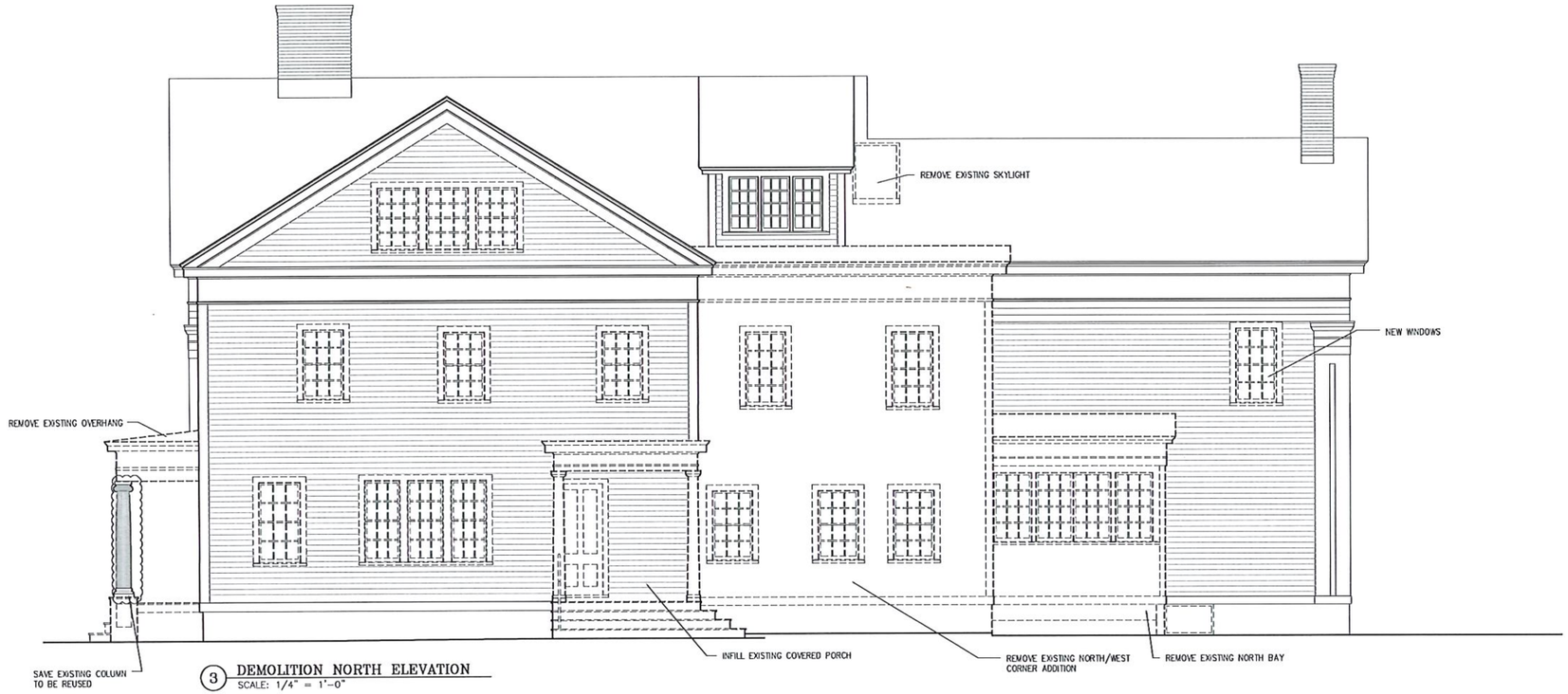
Cambridge, MA

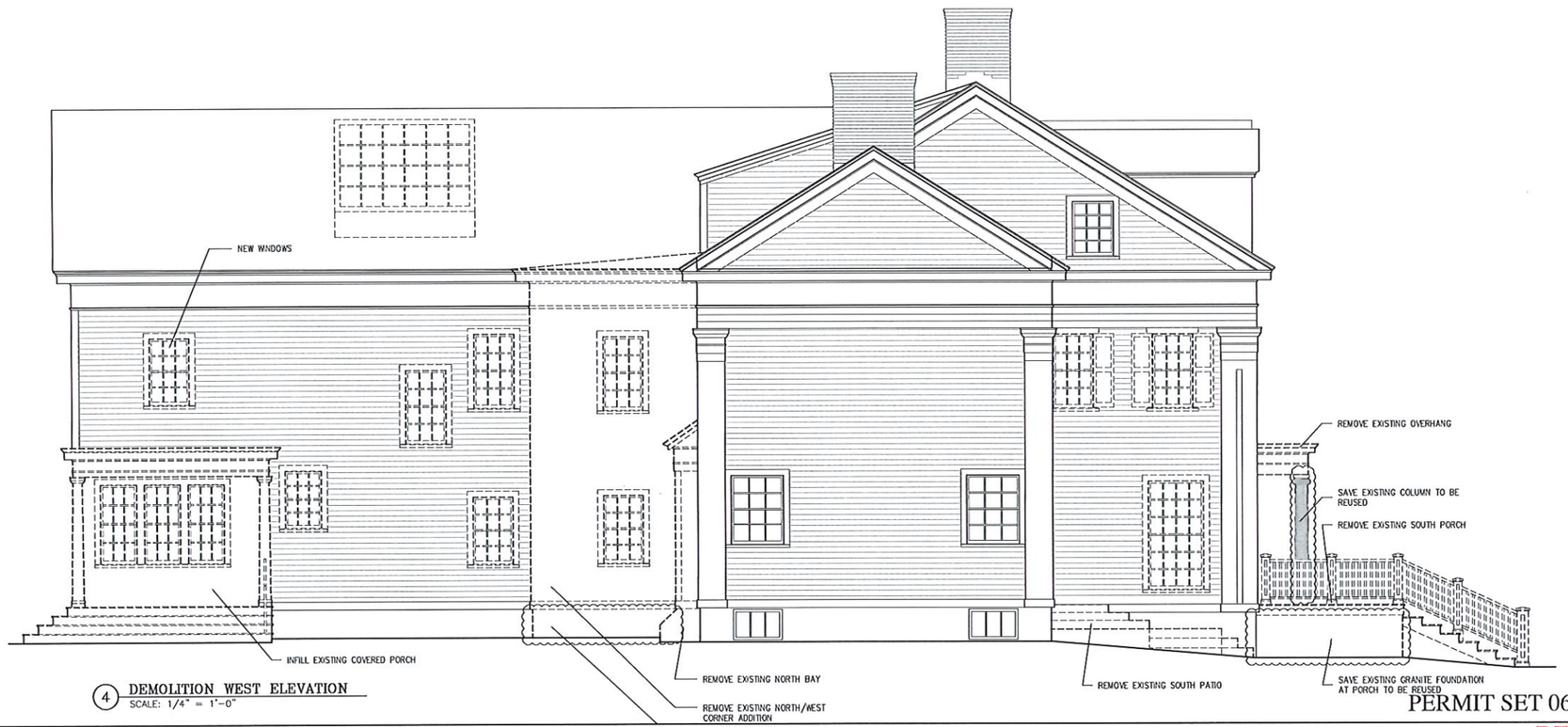
DEMOLITION EXT. ELEVATIONS
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

D2.1




3 DEMOLITION NORTH ELEVATION
SCALE: 1/4" = 1'-0"




4 DEMOLITION WEST ELEVATION
SCALE: 1/4" = 1'-0"

PERMIT SET 06.06.2019

REISSUED 06.16.2021

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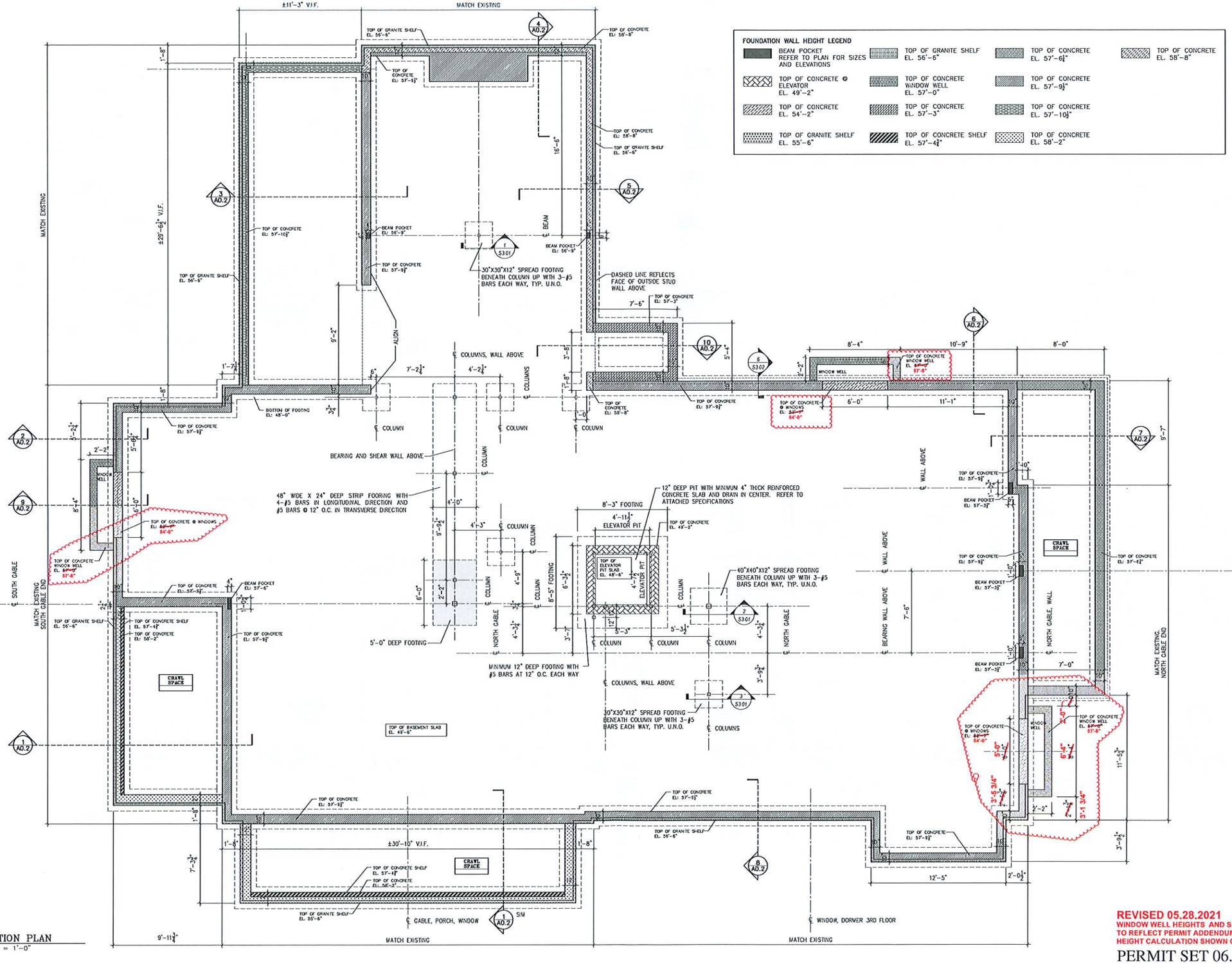
Cambridge, MA

DEMOLITION EXT. ELEVATIONS
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

D2.2




1 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

**REVISED 05.28.2021**
**WINDOW WELL HEIGHTS AND SIZE CHANGED TO REFLECT PERMIT ADDENDUM BUILDING HEIGHT CALCULATION SHOWN ON SHEET PA-3**

PERMIT SET 06.06.2019

**REISSUED 06.16.2021**

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# 12 Lakeview Avenue
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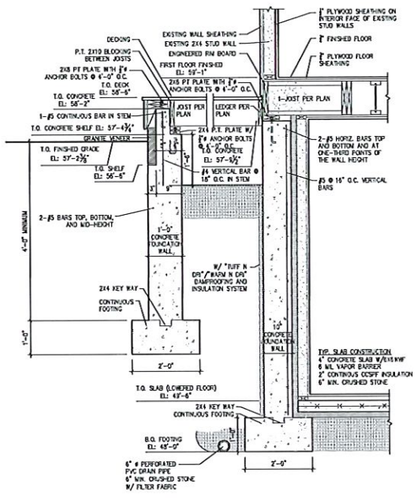
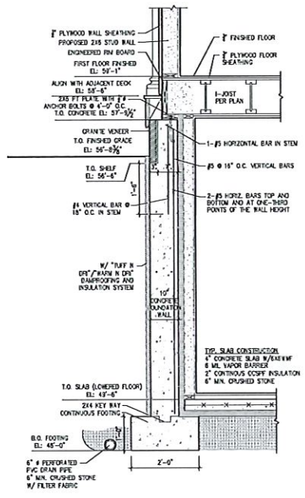
## FOUNDATION PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 05.28.2021 | PERMIT ADDENDUM |
| 3 | 06.16.2021 | REISSUED |
| 4 | | |
| 5 | | |
| 6 | | |

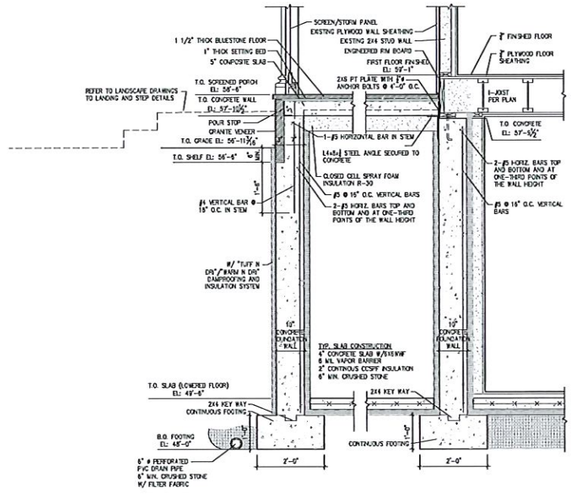
A0.1



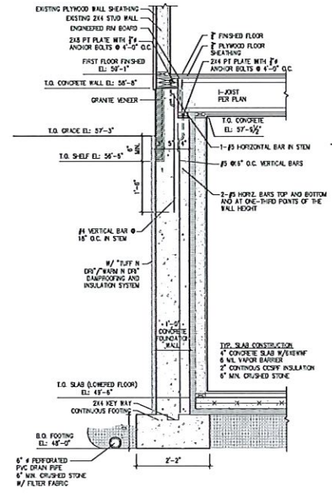

1 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"



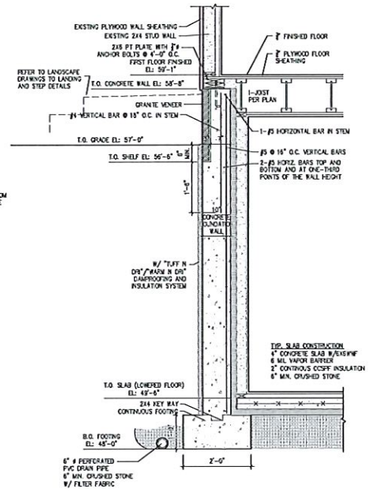

2 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"



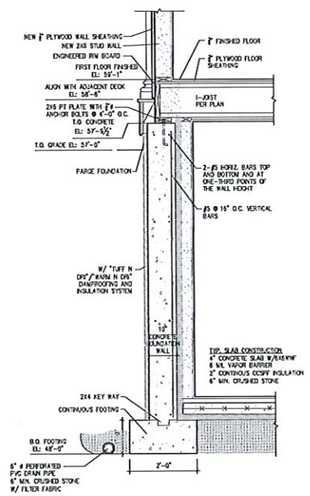

3 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"



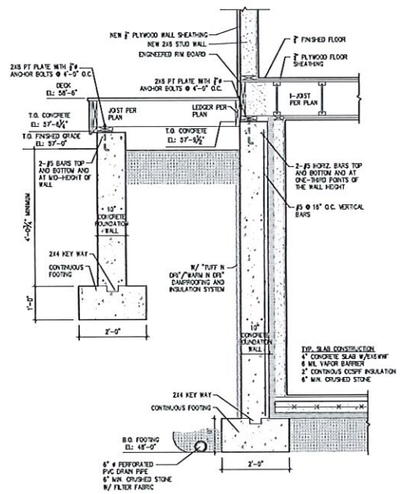

4 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"



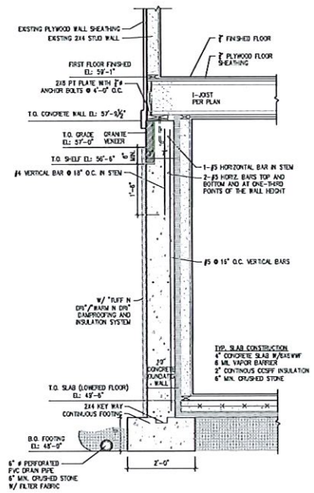

5 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"



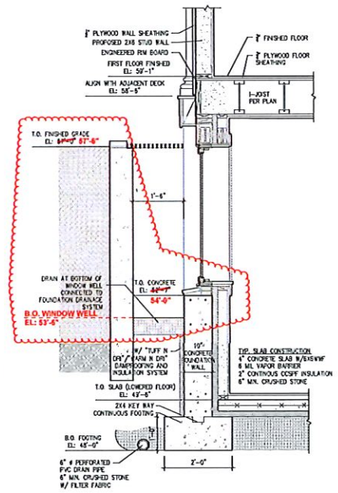

6 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"



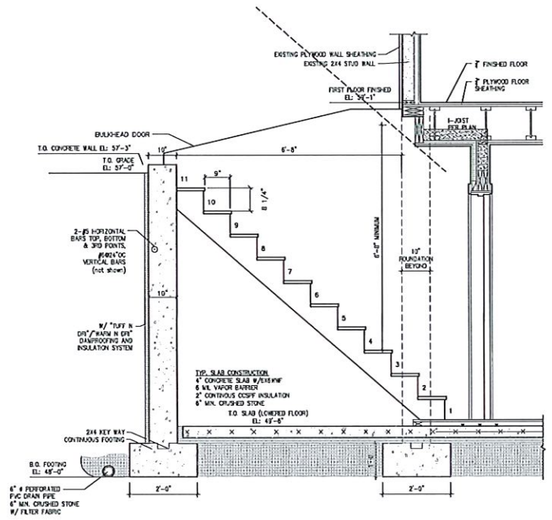

7 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"




8 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"




9 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"




10 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"

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# 12 Lakeview Avenue
Cambridge, MA

## FOUNDATION DETAILS
SCALE: 1/2"=1'-0"

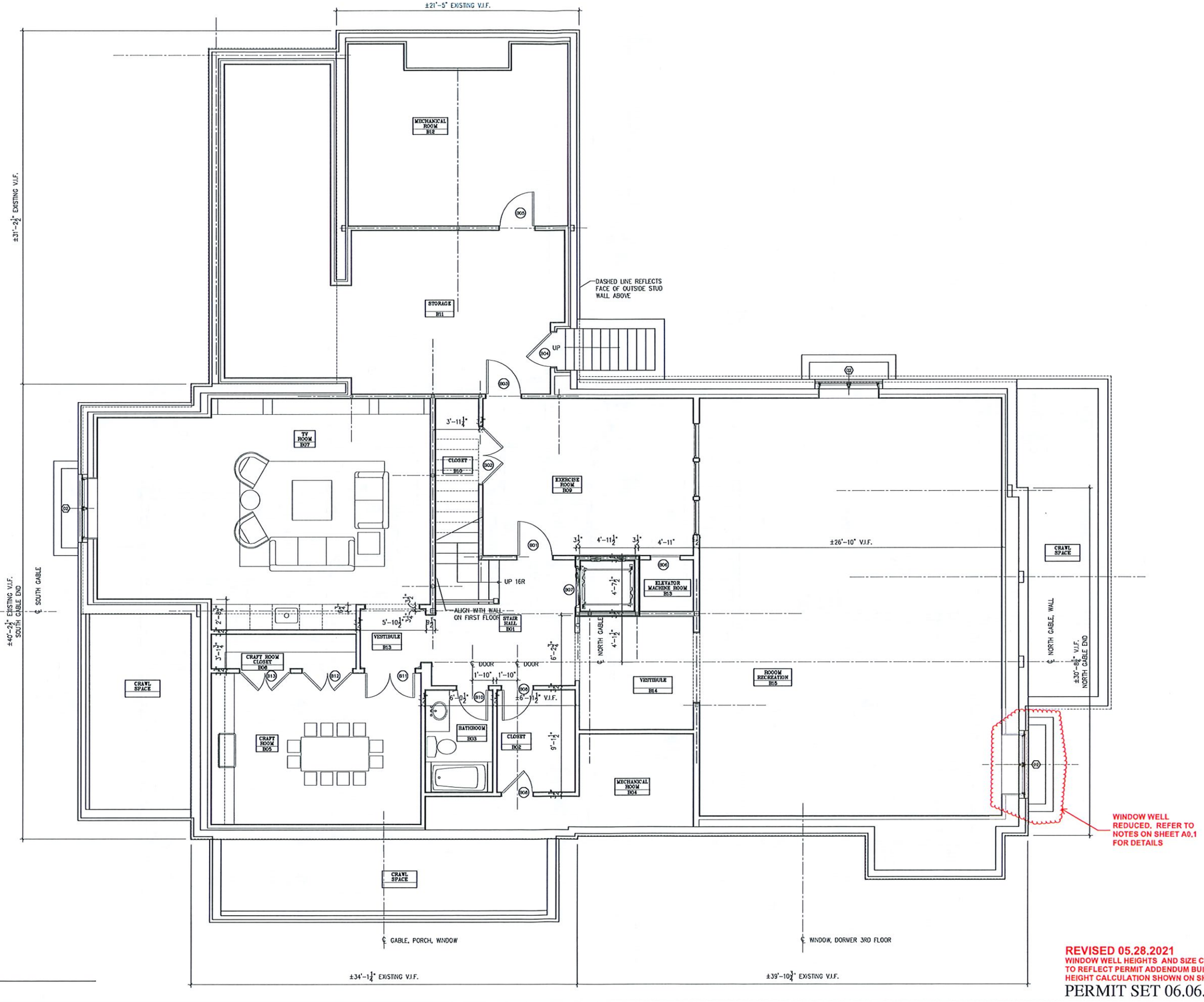
| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 05.28.2021 | PERMIT ADDENDUM |
| 3 | 06.16.2021 | REISSUED |
| 4 | | |
| 5 | | |
| 6 | | |

A0.2

**REVISED 05.28.2021**
**WINDOW WELL HEIGHTS AND SIZE CHANGED TO REFLECT PERMIT ADDENDUM BUILDING HEIGHT CALCULATION SHOWN ON SHEET PA-3**

PERMIT SET 06.06.2019

**REISSUED 06.16.2021**




0 PROPOSED BASEMENT PLAN
SCALE: 1/4" = 1'-0"

**REVISED 05.28.2021**
WINDOW WELL HEIGHTS AND SIZE CHANGED TO REFLECT PERMIT ADDENDUM BUILDING HEIGHT CALCULATION SHOWN ON SHEET PA-3

PERMIT SET 06.06.2019

**REISSUED 06.16.2021**

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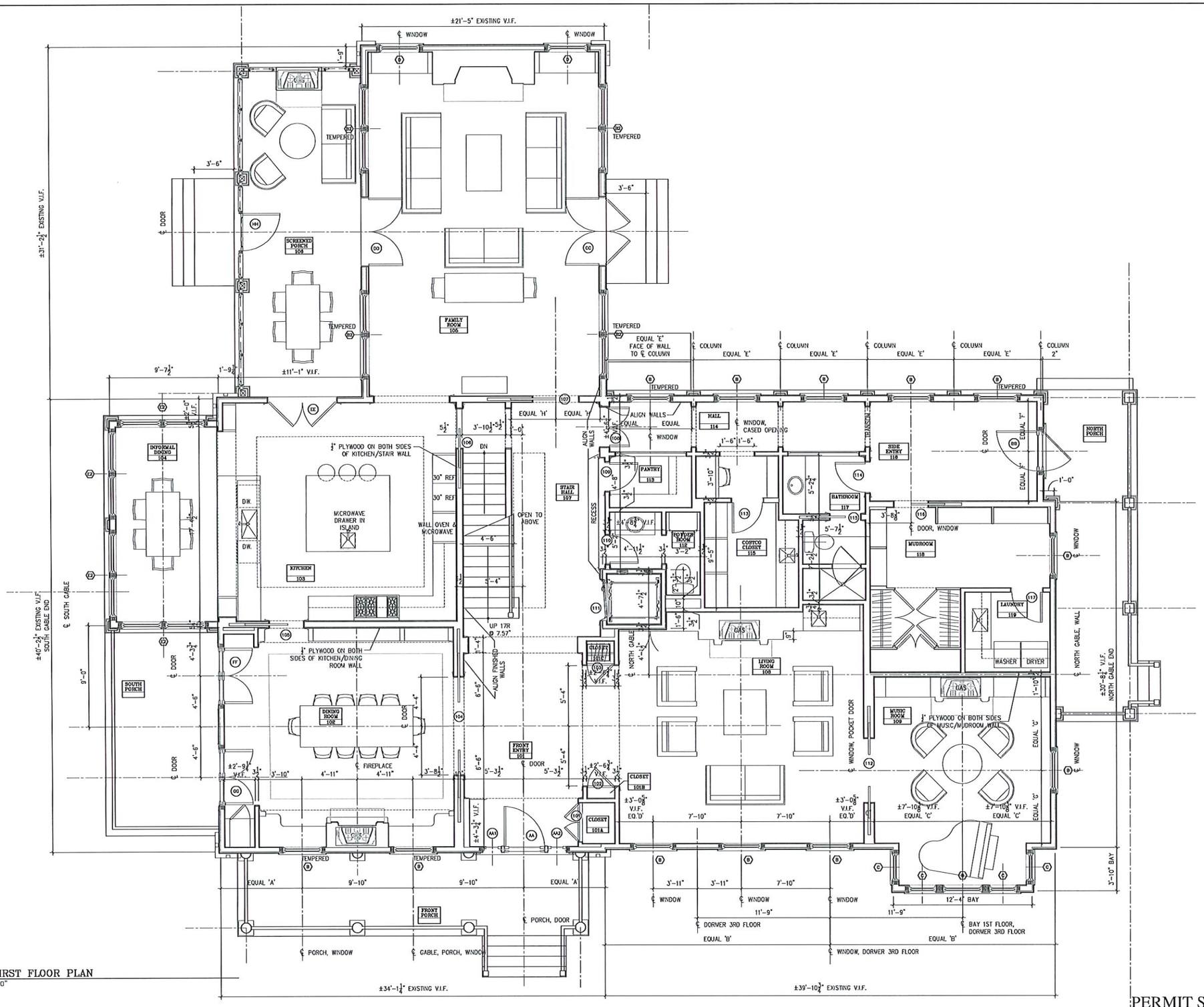
Cambridge, MA

PROPOSED BASEMENT FLOOR PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 05.28.2021 | PERMIT ADDENDUM |
| 3 | 06.16.2021 | REISSUED |
| 4 | | |
| 5 | | |
| 6 | | |

A1.0




1 PROPOSED FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

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# 12 Lakeview Avenue
Cambridge, MA

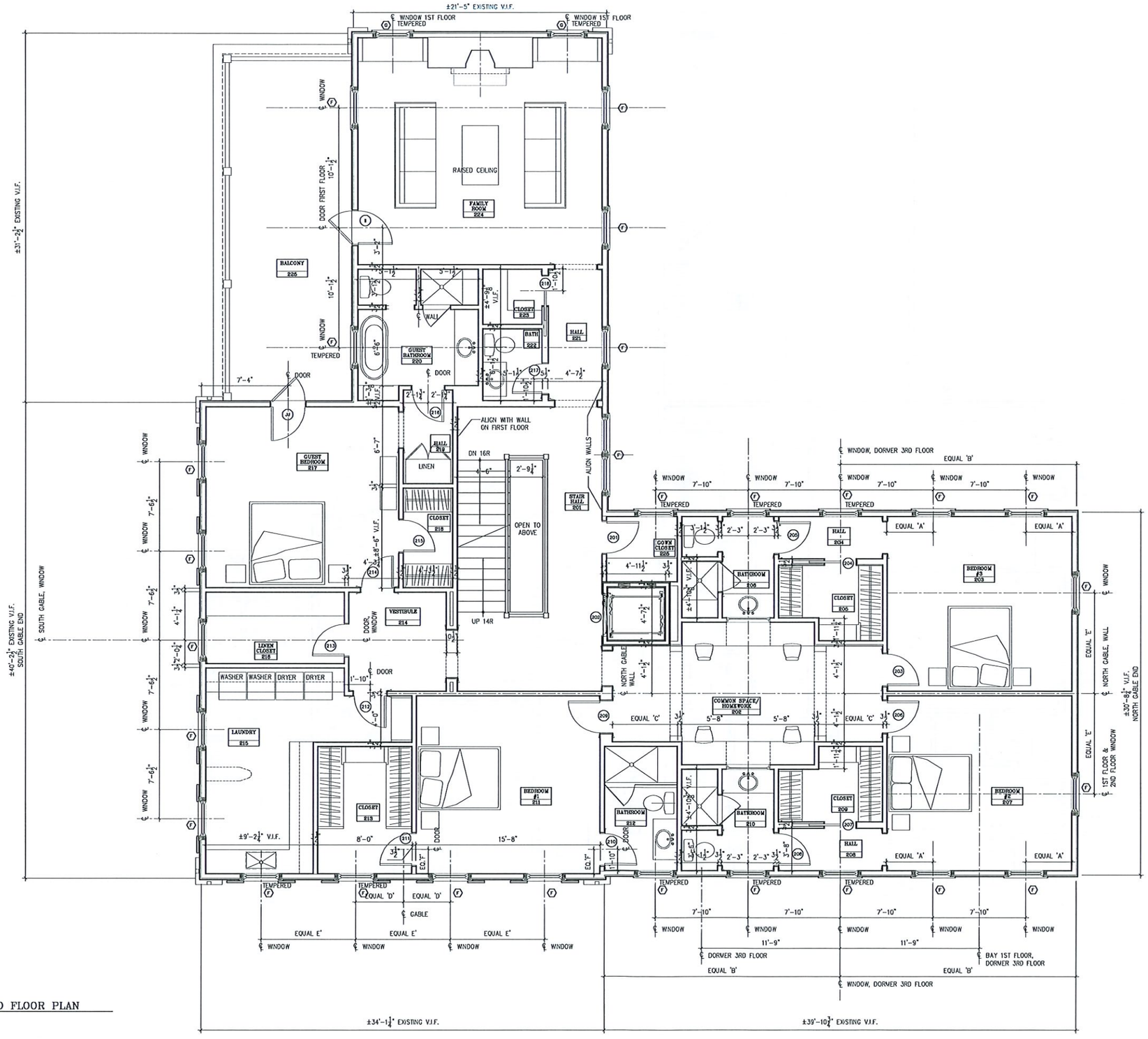
## PROPOSED FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

A1.1

PERMIT SET 06.06.2019

REISSUED 06.16.2021




2 PROPOSED SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

PEMIT SET 06.06.2019

REISSUED 06.16.2021

REGISTERED ARCHITECT
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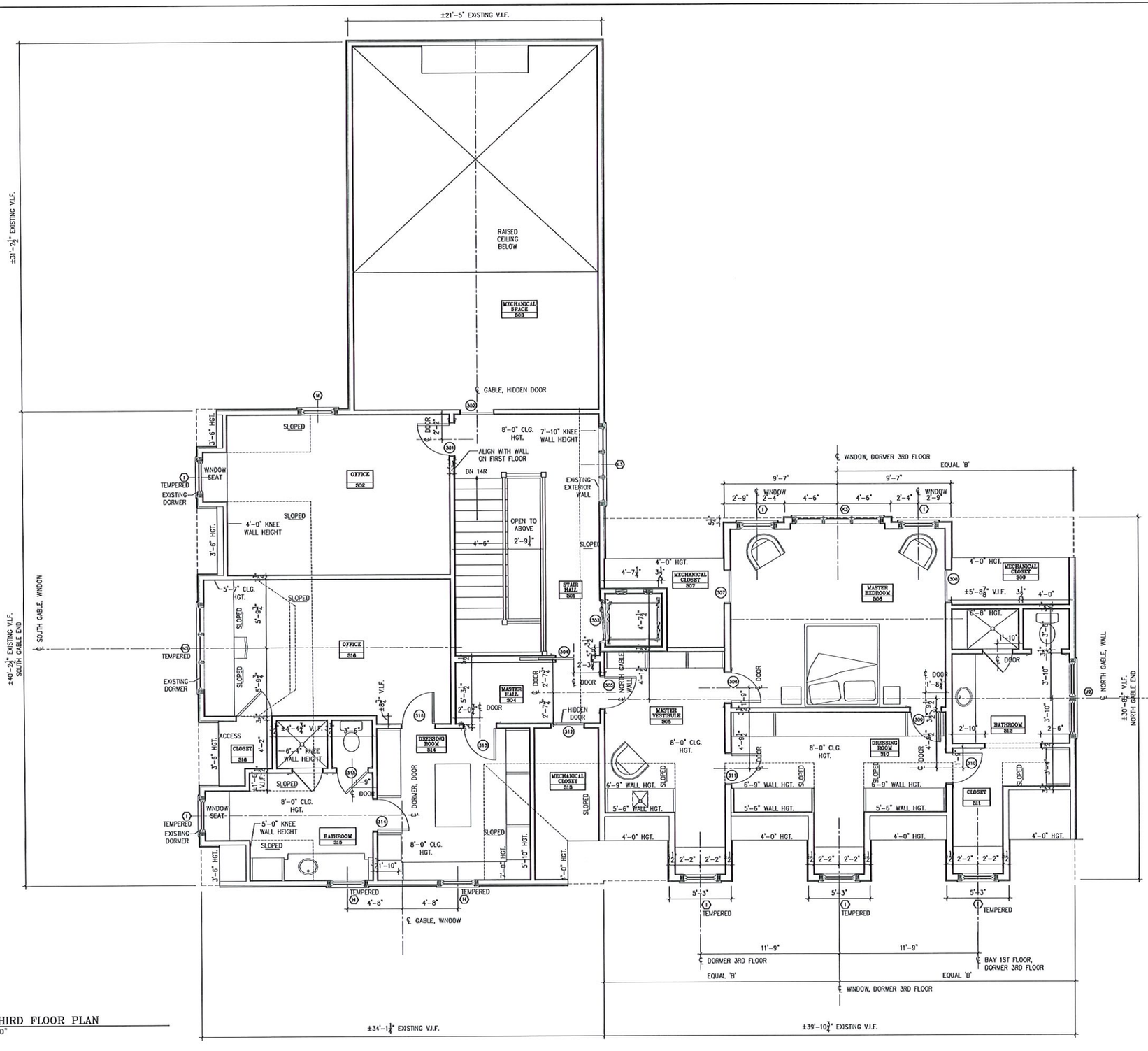
Belmont, Massachusetts
02478

12 Lakeview Avenue
Cambridge, MA

PROPOSED SECOND FLOOR PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

A1.2




3 PROPOSED THIRD FLOOR PLAN
SCALE: 1/4" = 1'-0"

PERMIT SET 06.06.2019

REISSUED 06.16.2021

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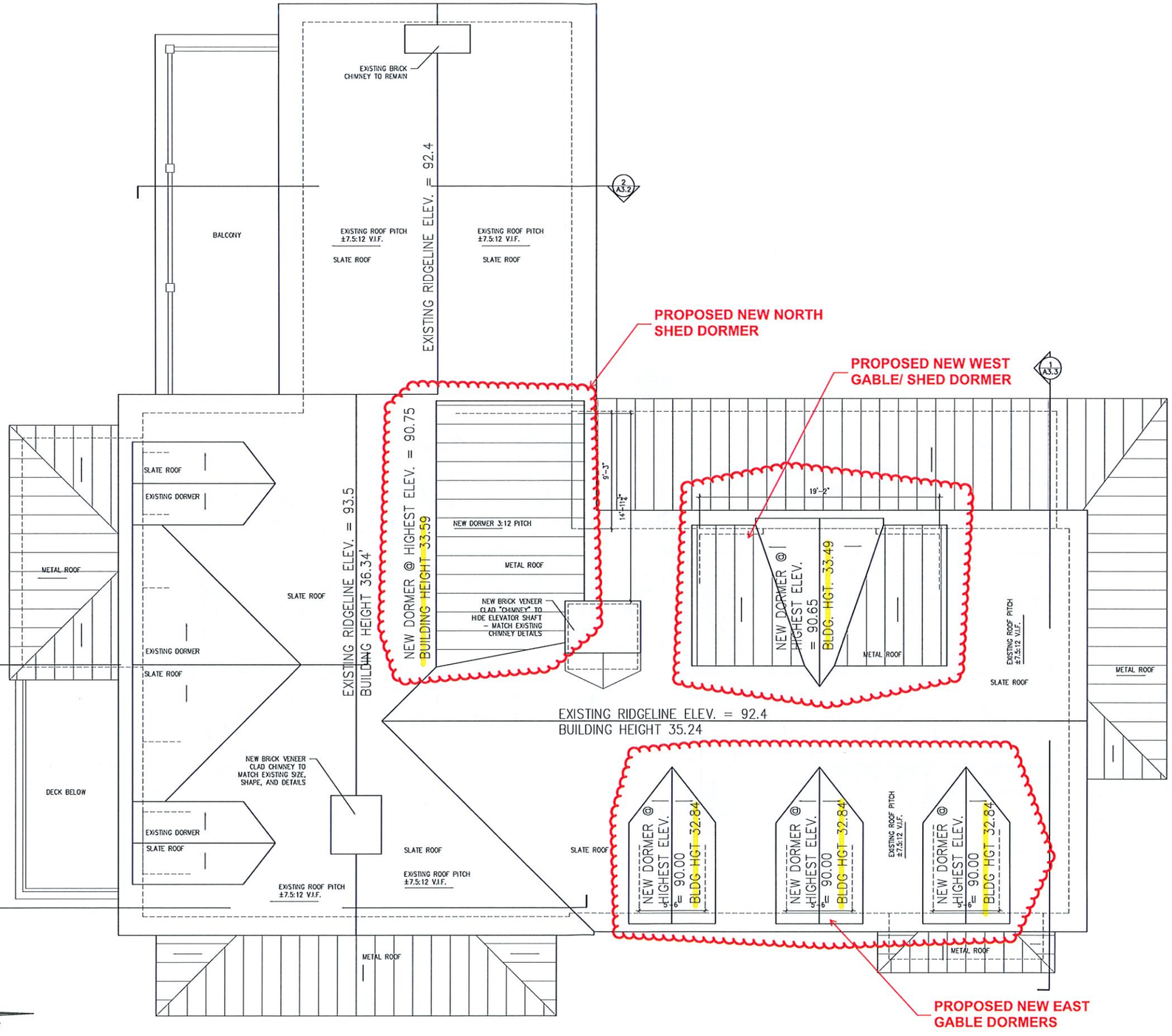
Cambridge, MA

PROPOSED THIRD FLOOR PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

A1.3




PROPOSED & EXISTING AVERAGE GRADE EL: 57.16'

3 PROPOSED THIRD FLOOR PLAN
SCALE: 1/4" = 1'-0"

06.08.2021 PERMIT ADDENDUM #3

REISSUED 06.16.2021

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PROPOSED ROOF PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.08.2021 | PERMIT ADDENDUM |
| 3 | 06.16.2021 | REISSUED |
| 4 | | |
| 5 | | |
| 6 | | |

A1.4


3 PROPOSED EAST ELEVATION
SCALE: 1/4" = 1'-0"

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## EAST. EXTERIOR ELEVATIONS
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |

A2.1

PERMIT SET06.06.2019

REISSUED 06.16.2021


2 PROPOSED SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

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# 12 Lakeview Avenue
Cambridge, MA

## SOUTH EXTERIOR ELEVATIONS
SCALE: 1/4"=1'-0"

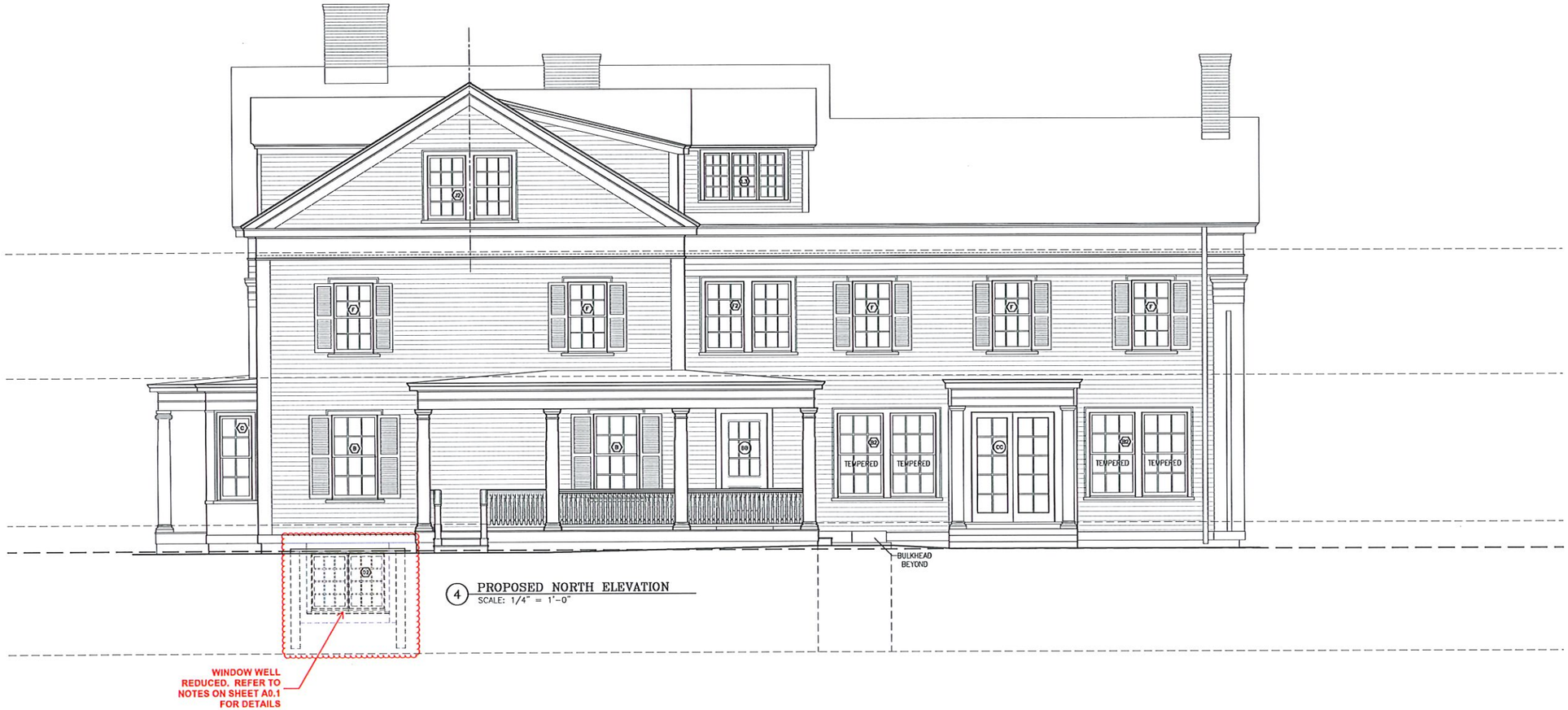
| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 05.28.2021 | PERMIT ADDENDUM |
| 3 | 06.16.2021 | REISSUED |
| 4 | | |
| 5 | | |
| 6 | | |

A2.2

**REVISED 05.28.2021**
WINDOW WELL HEIGHTS AND SIZE CHANGED TO REFLECT PERMIT ADDENDUM BUILDING HEIGHT CALCULATION SHOWN ON SHEET PA-3

PERMIT SET 06.06.2019

**REISSUED 06.16.2021**




4 PROPOSED NORTH ELEVATION
SCALE: 1/4" = 1'-0"

WINDOW WELL REDUCED. REFER TO NOTES ON SHEET A0.1 FOR DETAILS

REVISED 05.28.2021
WINDOW WELL HEIGHTS AND SIZE CHANGED TO REFLECT PERMIT ADDENDUM BUILDING HEIGHT CALCULATION SHOWN ON SHEET PA-3
PERMIT SET 06.06.2019

REISSUED 06.16.2021

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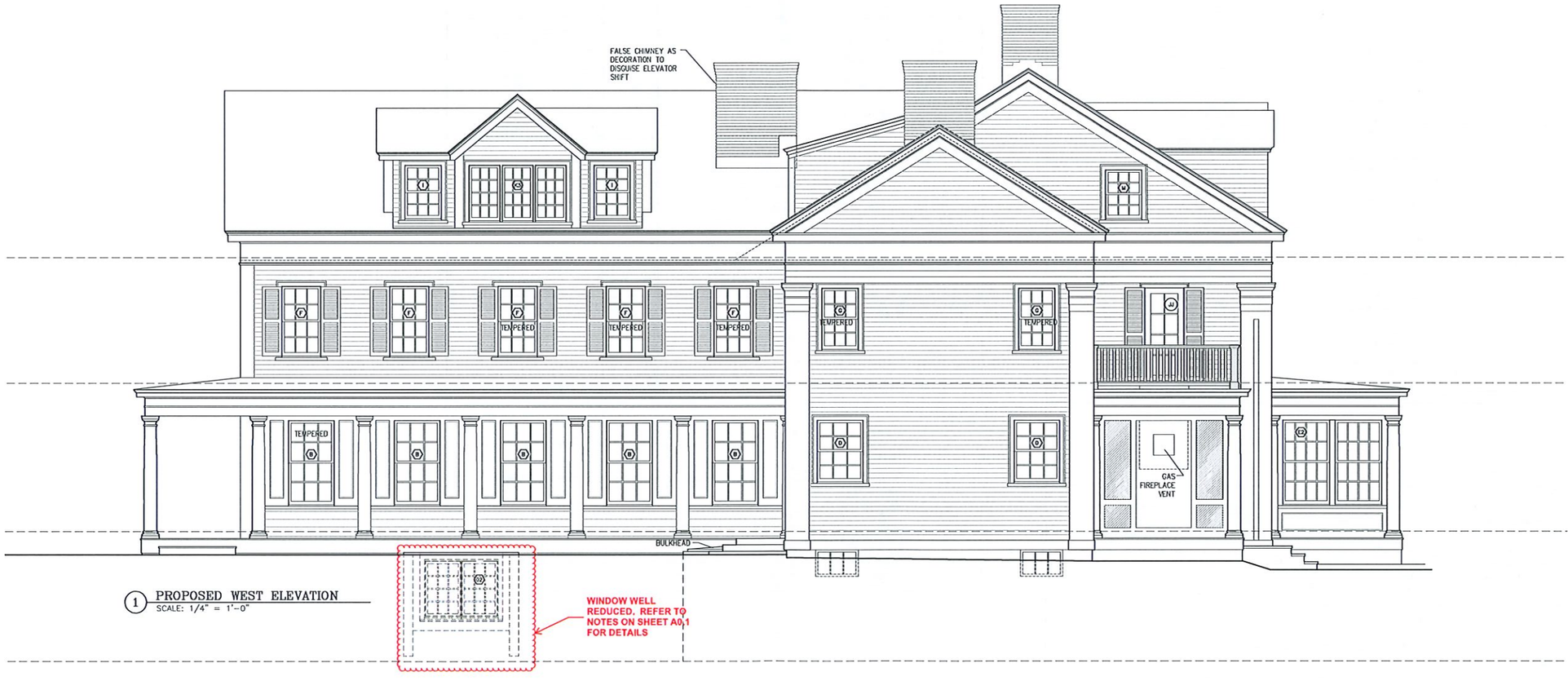
NORTH. EXTERIOR ELEVATIONS
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 05.28.2021 | PERMIT ADDENDUM |
| 3 | 06.16.2021 | REISSUED |
| 4 | | |
| 5 | | |
| 6 | | |

A2.3




1 PROPOSED WEST ELEVATION
SCALE: 1/4" = 1'-0"

REVISED 05.28.2021
WINDOW WELL HEIGHTS AND SIZE CHANGED TO REFLECT PERMIT ADDENDUM BUILDING HEIGHT CALCULATION SHOWN ON SHEET PA-3

PERMIT SET 06.06.2019

REISSUED 06.16.2021

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Cambridge, MA

WEST EXTERIOR ELEVATIONS
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 05.28.2021 | PERMIT ADDENDUM |
| 3 | 06.16.2021 | REISSUED |
| 4 | | |
| 5 | | |
| 6 | | |

A2.4

## WINDOW SCHEDULE

*DO NOT ORDER WITHOUT ARCHITECT'S WRITTEN APPROVAL

WINDOW SCHEDULE

| Type | Name | Width *frame dim* | Height *frame dim* | Style | Qty | Comments | Mull pocket |
|---|---|---|---|---|---|---|---|
| **MAIN HOUSE** | | | | | | | |
| A | Not Used | | | | | | |
| B | Little Harbor Double Hung Window | 3'-5 3/4" | 6'-4 3/8" | Wood Frame Wood Sash Double Hung Window | 13 | 2" Thick Subsill. Refer to drawings for tempered window locations. One window used in C-B-C Assembly in Music Room. | |
| B2 | 2 Gang Little Harbor Double Hung Window | 7'-3 1/2" (2@3'-5 3/4") | 6'-4 3/8" | Wood Frame Wood Sash Double Hung Window | 4 - two gang | 2" Thick Subsill. Refer to drawings for tempered window locations. | 4" |
| C | Little Harbor Double Hung Window | 2'-5 1/2" | 6'-4 3/8" | Wood Frame Wood Sash Double Hung Window | 4 | 2" Thick Subsill. Refer to drawings for tempered window locations. Two window used in C-B-C Assembly in Music Room. | 7 3/8" Mull Pocket for window C-B-C Assembly. |
| D | Little Harbor Double Hung Window | 3'-5 3/4" | 4'-9 1/8" | Wood Frame Wood Sash Double Hung Window | 2 | 2" Thick Subsill. Refer to drawings for tempered window locations. | |
| E2 | 2 Gang Little Harbor Double Hung Window | 7'-5 1/4" (2@3'-6 5/8") | 6'-4 3/8" | Wood Frame Wood Sash Double Hung Window | 4 - two gang | 2" Thick Subsill. Refer to drawings for tempered window locations. | 4" |
| F | Little Harbor Double Hung Window | 3'-0" | 5'-4 1/4" | Wood Frame Wood Sash Double Hung Window | 26 | 2" Thick Subsill. Refer to drawings for tempered window locations. | |
| F2 | 2 Gang Little Harbor Double Hung Window | 6'-4" (2@3'-0") | 5'-4 1/4" | Wood Frame Wood Sash Double Hung Window | 1 - two gang | 2" Thick Subsill. Refer to drawings for tempered window locations. | 4" |
| G | Little Harbor Double Hung Window | 2'-9 1/2" | 4'-8 1/2" | Wood Frame Wood Sash Double Hung Window | 2 | 2" Thick Subsill. Refer to drawings for tempered window locations. | |
| H | Little Harbor Double Hung Window | 2'-10 1/2" | 5'-2 3/4" | Wood Frame Wood Sash Double Hung Window | 2 | 2" Thick Subsill. Refer to drawings for tempered window locations. | |
| I | Little Harbor Double Hung Window | 2'-9 1/2" | 4'-2" | Wood Frame Wood Sash Double Hung Window | 7 | 2" Thick Subsill. Refer to drawings for tempered window locations. | |
| J2 | 2 Gang Little Harbor Double Hung Window | 6'-2" (2@2'-11") | 4'-11" | Wood Frame Wood Sash Double Hung Window | 1 - two gang | 2" Thick Subsill. Refer to drawings for tempered window locations. | 4" |
| K3 | 3 Gang Little Harbor Casement Window | 7'-2" (3@2'-4 11/16") | 4'-4" | Wood Frame Wood Sash Casement Window | 1 - three gang | 2" Thick Subsill. Refer to drawings for tempered window locations. | Direct Mull (0") |
| L3 | 3 Gang Little Harbor Casement Window | 6'-4 1/2" (3@2'-1 1/2") | 3'-9" | Wood Frame Wood Sash Casement Window | 1 - three gang | 2" Thick Subsill. Refer to drawings for tempered window locations. | Direct Mull (0") |
| M | Little Harbor Double Hung Window | 2'-9 1/2" | 3-10" | Wood Frame Wood Sash Double Hung Window | 1 | 2" Thick Subsill. Refer to drawings for tempered window locations. | |
| N3 | 3 Gang Little Harbor Casement Window | 7'-1 1/2" (3@2'-4 1/2") | 3'-9" | Wood Frame Wood Sash Casement Window | 1 - three gang | 2" Thick Subsill. Refer to drawings for tempered window locations. | Direct Mull (0") |
| O2 | 2 Gang Marvin Inswing Casement Window | 5'-8 1/2" (2@2'-10 1/4") | 2'-8" ~~4'-2 1/2"~~ | Clad Frame Clad Sash Inswing Casement Window | 3 - two gang | 2" Thick Subsill. Refer to drawings for tempered window locations. | |
| **CARRIAGE HOUSE** | | | | | | | |
| P | Little Harbor Double Hung Window | 2'-9 1/2" | 6'-0" | Wood Frame Wood Sash Double Hung Window | 6 | 2" Thick Subsill. Refer to drawings for tempered window locations. | |
| Q | Existing To Remain | | | | | | |
| R3 | Existing To Remain | | | | | | |

**NOTES:**

1. All windows to have Low-E Insulating glass
2. Screens at new double hung SDL windows to be half screens with Hi Transparency Mesh screens UON. Exterior screen frame color to be determined.
3. Screens at new casment windows to be full wood interior screens with Hi Transparence Mesh Screens UON.
4. All frames and exposed wood to have exterior and interior finish of prime coat unless otherwise noted (UON). All window jamb liners to be white UON.
5. All double hung window hardware finish to be determined. No sash lifts at double hung windows.
6. New SDL windows: All muntin bars to be fixed, 7/8" with internal spacer bars. Space bar to be Bronze.
7. Provide historic sill profile at all windows UON. Sills to extend beyond edge of casing 1" UON
8. Typical exterior casings except basement windows to be 1"x 5" (actual dimension) flat UON with backband, clear pre-primed western red cedar, no finger joints typ. at all windows. Exterior casings to be primed and factory installed, UON.
9. Manufacturer to provide shop drawings for approval prior to ordering windows.
10. Sash 1 3/4" thick.
11. Refer to plans A1.0, A1.1, A1.2, A1.3, and A1.4 and exterior elevations A2.1, A2.2 for additional information.
12. All Windows to be Mahogany
13. Window sticking profile to be determined

## DOOR SCHEDULE

*DO NOT ORDER WITHOUT ARCHITECT'S WRITTEN APPROVAL

EXTERIOR DOOR SCHEDULE

| Type | Location | Width (door leaf) | Height (door leaf) | Style | Qty | Hardware Type | Comments |
|---|---|---|---|---|---|---|---|
| **MAIN HOUSE** | | | | | | | |
| AA | Front Entry 101 | 3'-6" | 8'-0" | Solid Natural Finish Mahogany Door | 1 | A - Entry Mortise Set | **2 1/4" thick door.** Tempered Glass. |
| AA1 Sidelite | Front Entry 101 | 1'-6" | 8'-0" | Side light. Natural finish Magogany. 1/5 Divided Lite Pattern | 1 | | 2 1/4" thick. Tempered Glass. |
| AA2 Sidelite | Front Entry 101 | 1'-6" | 8'-0" | Side light. Natural finish Magogany. 1/5 Divided Lite Pattern | 1 | | 2 1/4" thick. Tempered Glass. |
| BB | Side Entry 116 | 3'-6" | 8'-0" | Two Panel Door. Upper Panel Glass 3 wide x 3 high Divided Lite Pattern. Solid lower flat panel. | 1 | A - Entry Mortise Set | Refer to exterior elevations for details. 2 1/4" **thick door.** Tempered Glass. |
| BB screen | Side Entry 116 | 3'-6" | 8'-0" | Upper panel Single lite glass/screen panel; lower panel solid panel to match door | 1 | B - Screen Set | Provide 1 screen insert and 1 storm insert. |
| CC | Family Room 105 | 2 @ 3-0" | 8'-0" | French door. 2/5 Divided Lite Pattern | 1 | C - Multi-Point Lock | Refer to exterior elevations for details. **2 1/4" thick door.** Tempered Glass. |
| CC screen | Family Room 105 | 2 @ 3-0" | 8'-0" | Single lite glass/screen panel to match door | 1 | B - Screen Set | Provide 1 screen insert and 1 storm insert. |
| DD | Family Room 105 | 2 @ 3-0" | 8'-0" | French door. 2/5 Divided Lite Pattern | 1 | C - Multi-Point Lock | Refer to exterior elevations for details. **2 1/4" thick door.** Tempered Glass. |
| EE | Kitchen 103 | 2 @ 3-0" | 8'-0" | French door. 2/5 Divided Lite Pattern | 1 | C - Multi-Point Lock | Refer to exterior elevations for details. **2 1/4" thick door.** Tempered Glass. |
| FF | Dining Rom 102 | 2 @ 2-6" | 8'-0" | French door. 2/5 Divided Lite Pattern | 1 | C - Multi-Point Lock | Refer to exterior elevations for details. **2 1/4" thick door.** Tempered Glass. |
| FF screen | Dining Rom 102 | 2 @ 3-0" | 8'-0" | Single lite glass/screen panel to match door | 1 | B - Screen Set | Provide 1 screen insert and 1 storm insert. |
| GG | Dining Rom 102 | 2 @ 2-6" | 8'-0" | French door. 2/5 Divided Lite Pattern | 1 | C - Multi-Point Lock | Refer to exterior elevations for details. **2 1/4" thick door.** Tempered Glass. |
| GG screen | Dining Rom 102 | 2 @ 3-0" | 8'-0" | Single lite glass/screen panel to match door | 1 | B - Screen Set | Provide 1 screen insert and 1 storm insert. |
| HH screen | Screened Porch 106 | 3'-4" | 8'-4" | Two panel glass/screen panel | 1 | B - Screen Set | Refer to exterior elevations for details. **1 3/4" thick door.** Tempered Glass. |
| II | Family Room 224 | 2'-10" | 7'-0" | French door. 2/4 Divided Lite Pattern | 1 | C - Multi-Point Lock | Refer to exterior elevations for details. **2 1/4" thick door.** Tempered Glass. |
| II screen | Family Room 224 | 2'-10" | 7'-0" | Single lite glass/screen panel to match door | 1 | B - Screen Set | Provide 1 screen insert and 1 storm insert. |
| II | Guest Bedroom 217 | 2'-10" | 7'-0" | French door. 2/4 Divided Lite Pattern | 1 | C - Multi-Point Lock | Refer to exterior elevations for details. **2 1/4" thick door.** Tempered Glass. |
| II screen | Guest Bedroom 217 | 2'-10" | 7'-0" | Single lite glass/screen panel to match door | 1 | B - Screen Set | Provide 1 screen insert and 1 storm insert. |
| **CARRIAGE HOUSE** | | | | | | | |
| JJ | Entry CH101 | Existing Entry Door and Sidelites to Remain | | | | Existing To Remain | To Be Confirmed |
| KK | Garage CH107 | Existing Overhead Garage Door to Remain | | | | Existing To Remain | To Be Confirmed |
| LL | Garage CH107 | Existing Overhead Garage Door to Remain | | | | Existing To Remain | To Be Confirmed |
| MM | Garage CH107 | Existing Hay Loft Doors to Remain | | | | Existing To Remain | To Be Confirmed |

**NOTES:**

1. Exterior doors to be 2 1/4" thick, Mahogany, primed white. U.O.N.
2. All storm/screen doors to be 1 3/4" thick wood. Screens to be Invisible Screen. All screen doors to be screen/storm combination.
3. All screen/storm doors to match door layout dimensions
4. All French doors to be insulating Low-E glass with simulated divided light and "Light Bronze" internal spacer bars, 7/8" muntins. Tempered glass.
5. All doors keyed alike
6. Verify jamb depth with G.C. prior to ordering.
7. See plans and elevations for swing of doors and grille patterns.
8. Solid Mahogany clear finish threshold with horn extensions.
9. Hinge Finish to be determined. Assume Unlaquered Brass.
10. Typical exterior casings to be 1"x 5" (actual dimension) flat with backband, clear pre-primed western red cedar, no finger joints typ. Exterior casings to be primed and factory installed, UON.
11. Use bronze interlocking threshold typ.

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WINDOW & DOOR SCHEUDLE
SCALE: NTS

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
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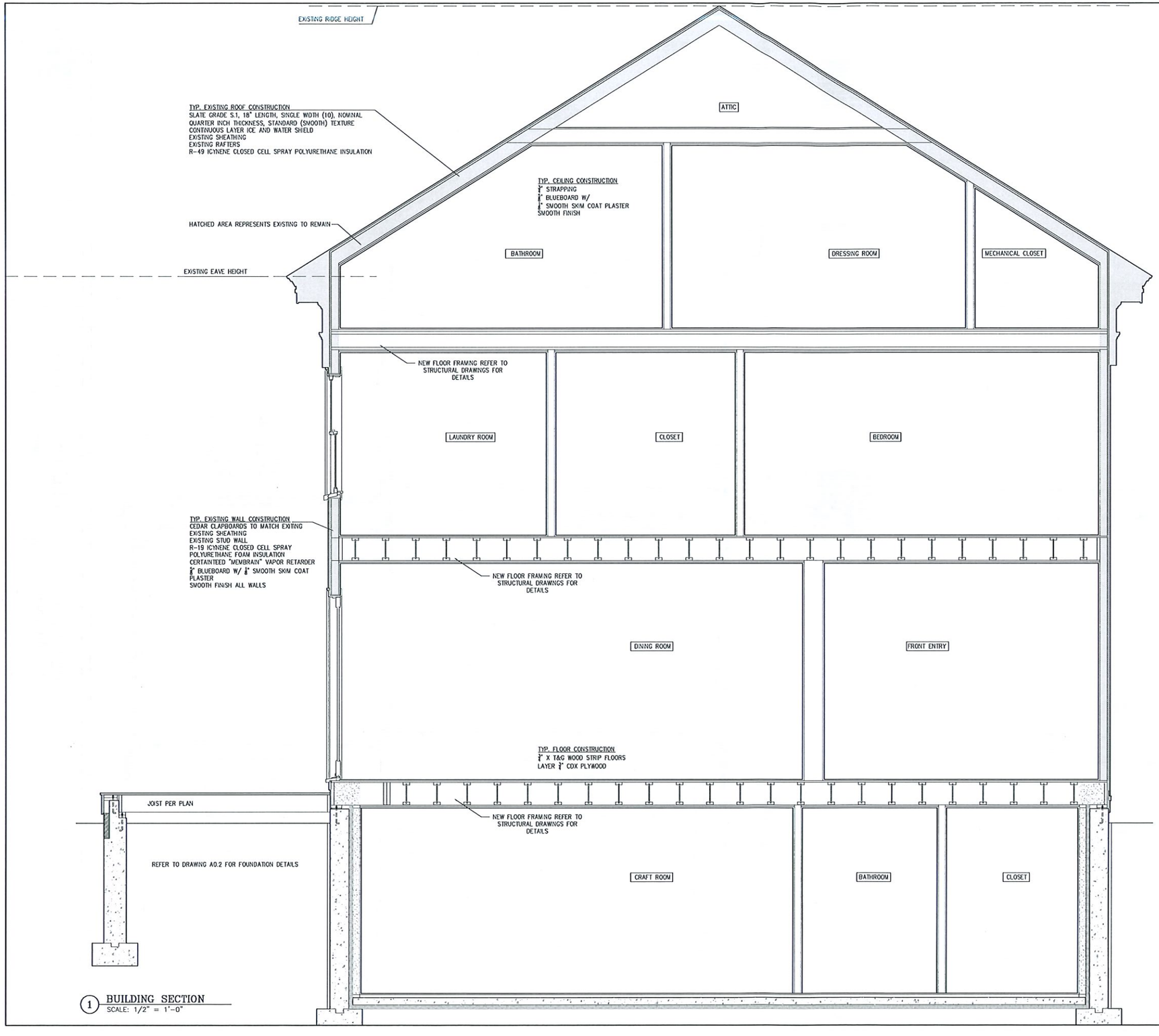
A2.5

PERMIT SET 06.06.2019

REISSUED 06.16.2021




1 BUILDING SECTION
SCALE: 1/2" = 1'-0"

PERMIT SET 06.06.2019

REISSUED 06.16.2021

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Cambridge, MA

BUILDING SECTIONS
SCALE: 1/2"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
| 4 | | |
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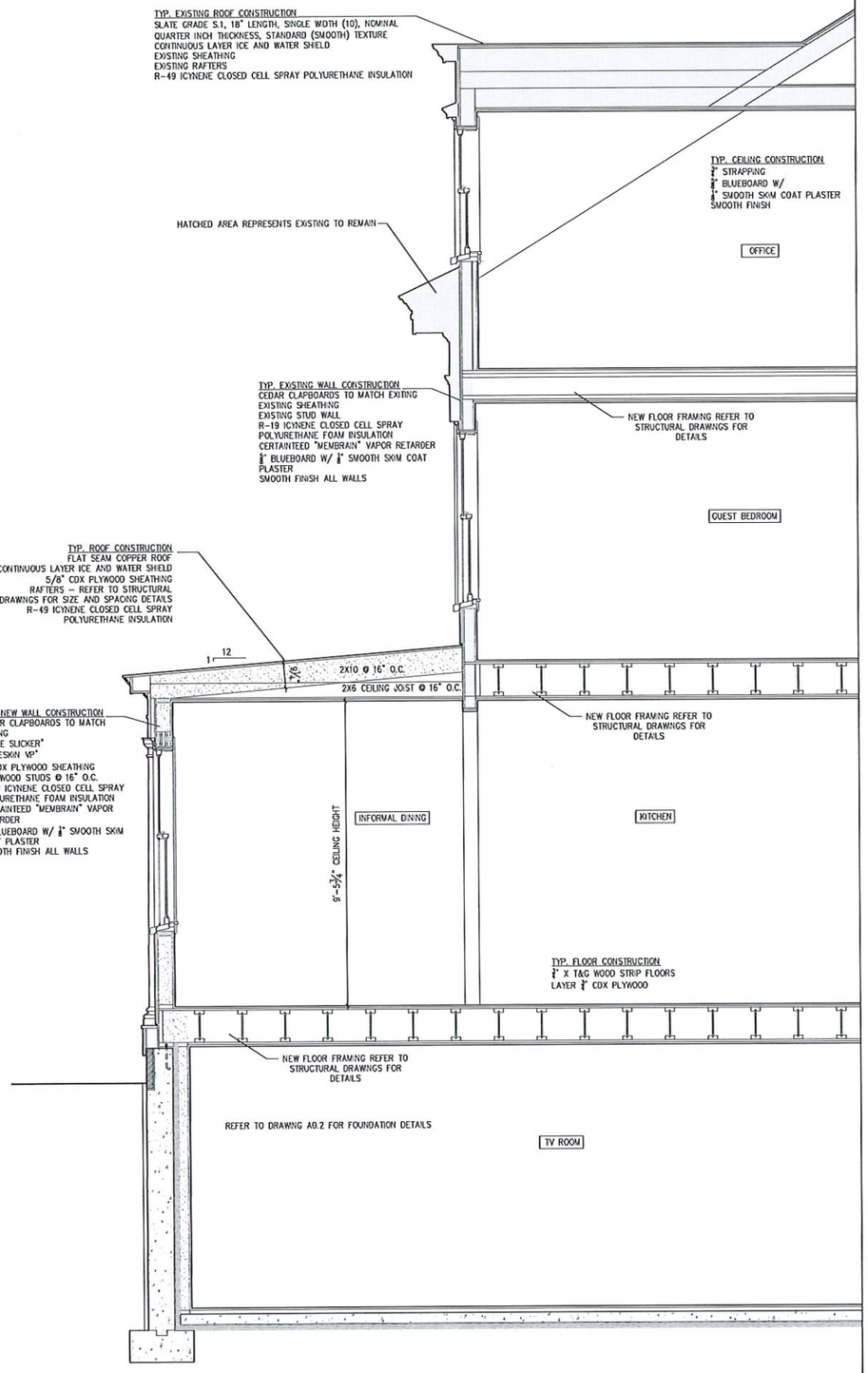
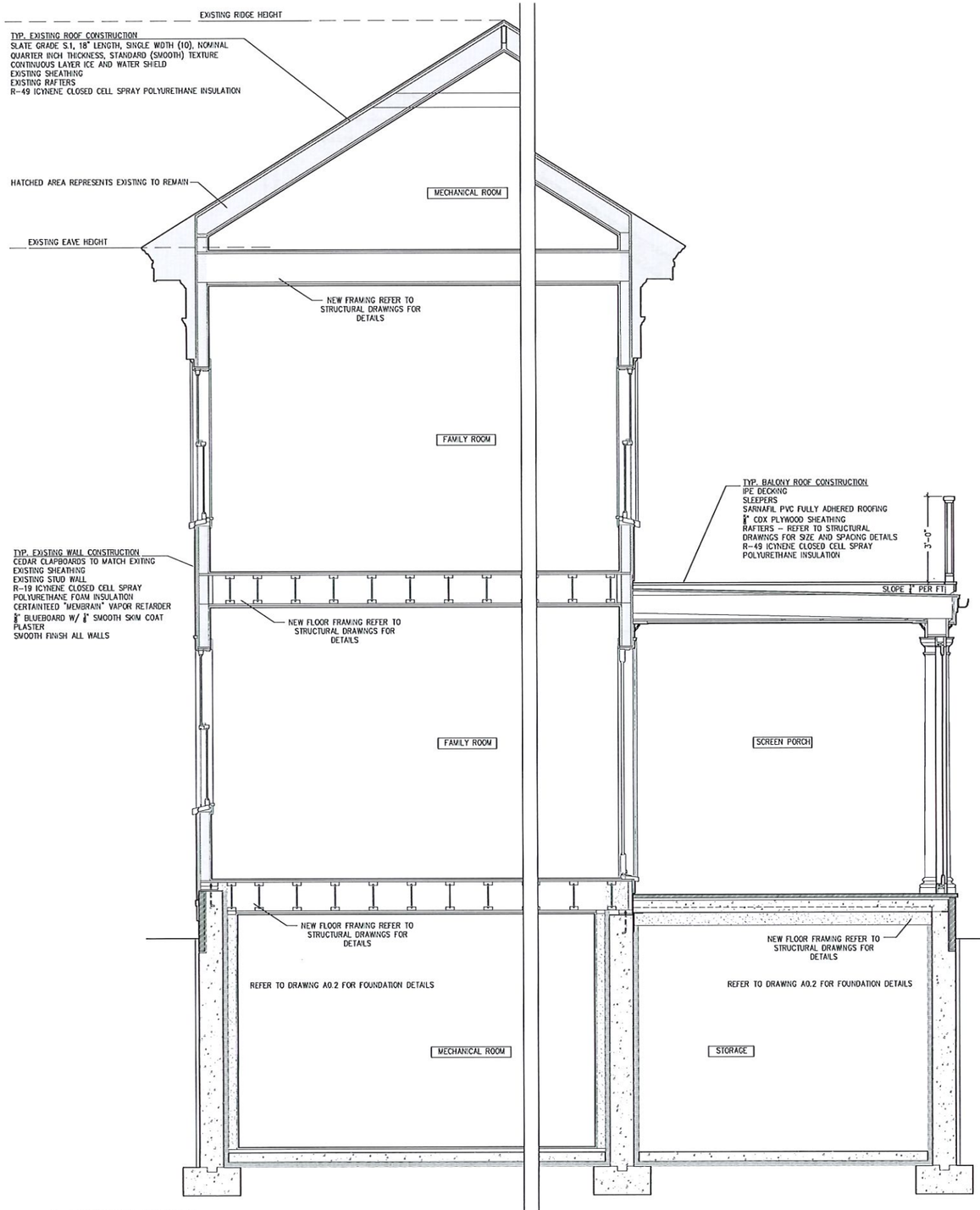
A3.1




1 BUILDING SECTION
SCALE: 1/2" = 1'-0"




2 BUILDING SECTION
SCALE: 1/2" = 1'-0"

PERMIT SET 06.062019

REISSUED 06.16.2021

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Cambridge, MA

BUILDING SECTIONS
SCALE: 1/2"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
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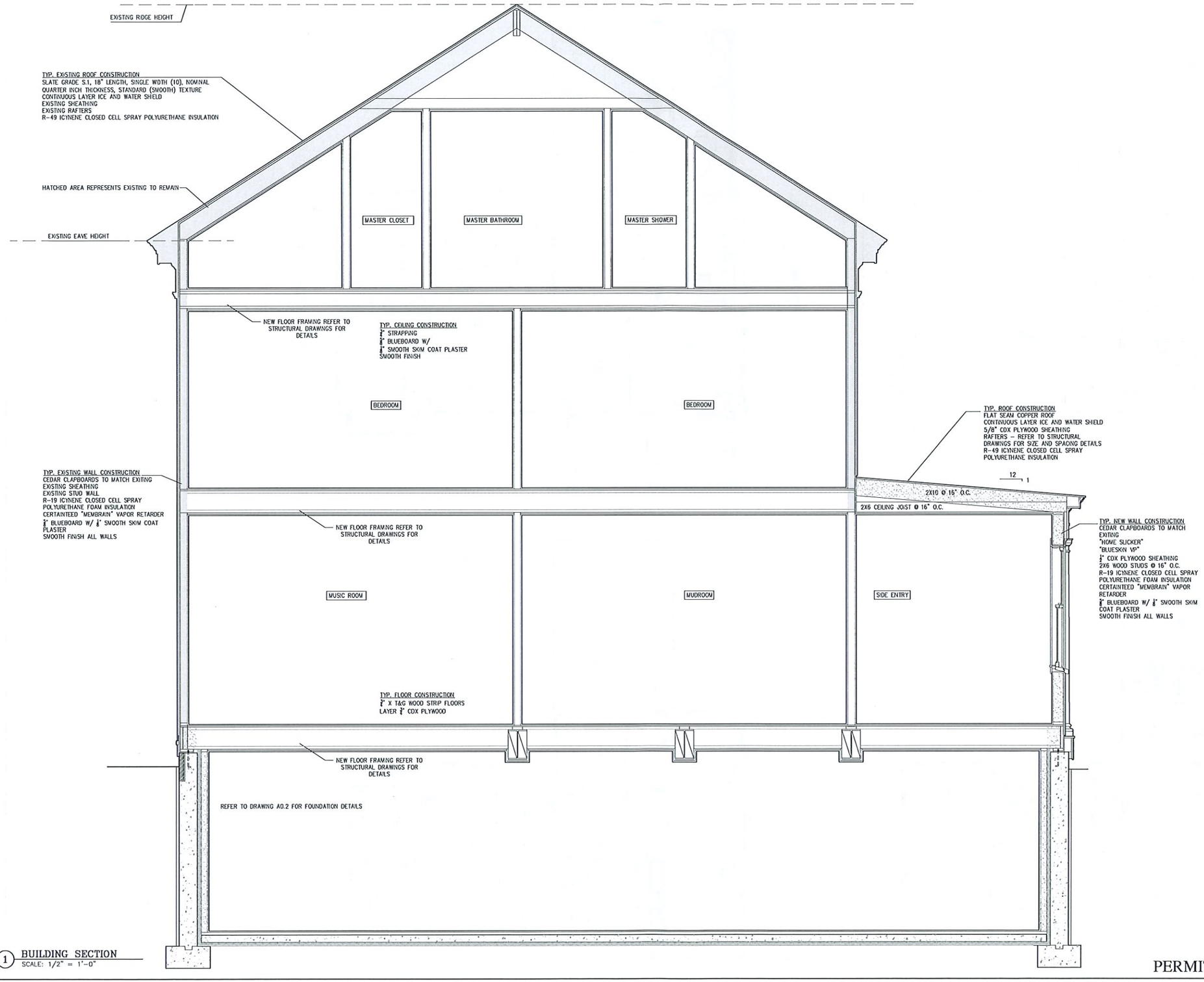
| 5 | | |
| 6 | | |

A3.2




1 BUILDING SECTION
SCALE: 1/2" = 1'-0"

PERMIT SET 06.06.2019

REISSUED 06.16.2021

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BUILDING SECTIONS
SCALE: 1/2"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
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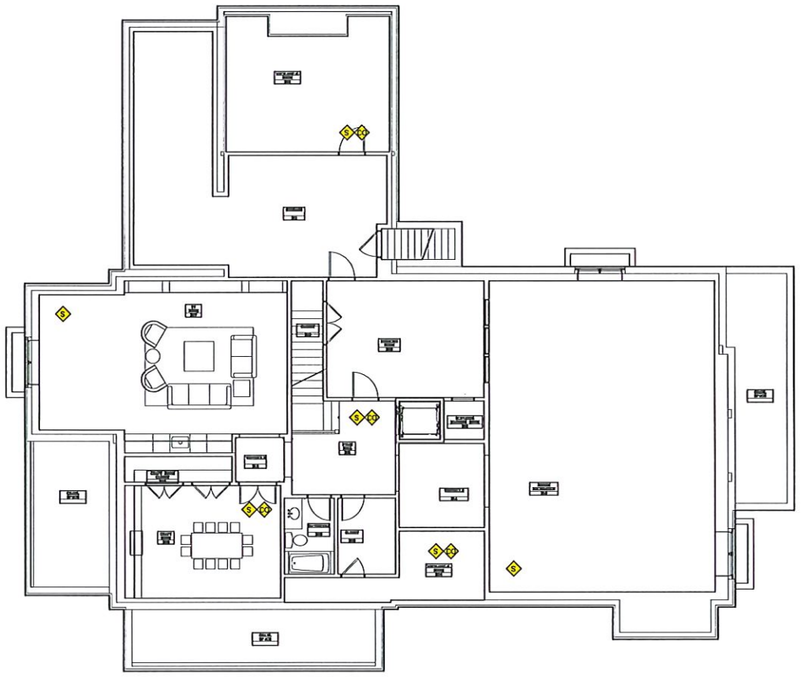
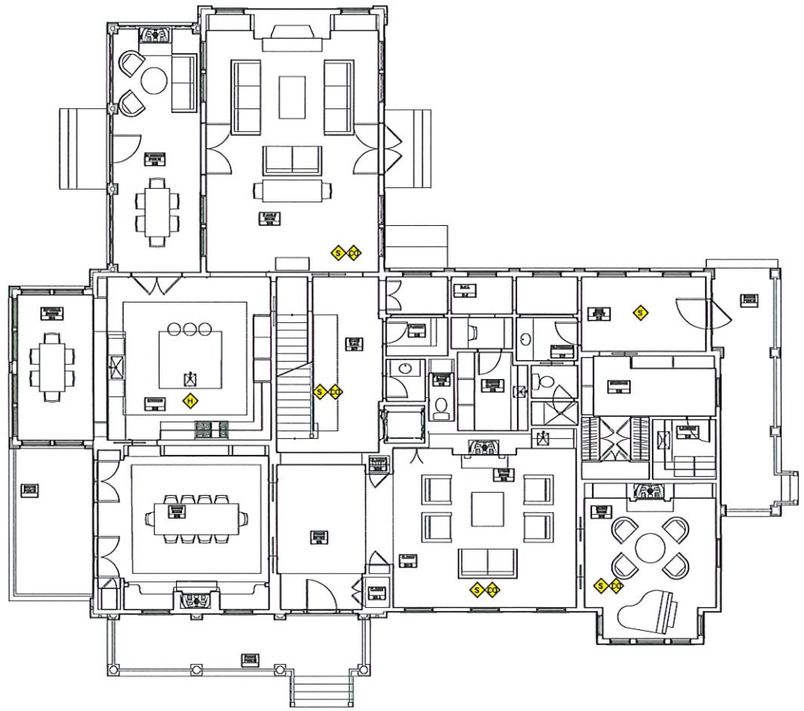
| 6 | | |

A3.3

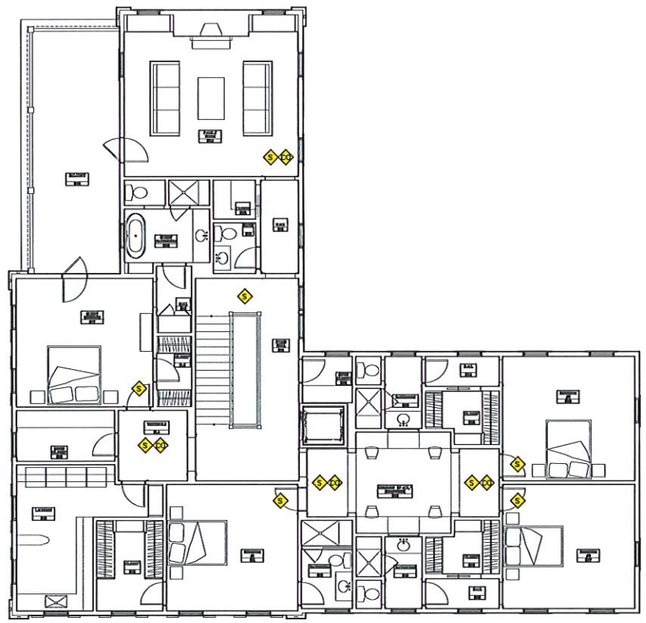


0 LIFE SAFETY BASEMENT PLAN
SCALE: 1/8" = 1'-0"

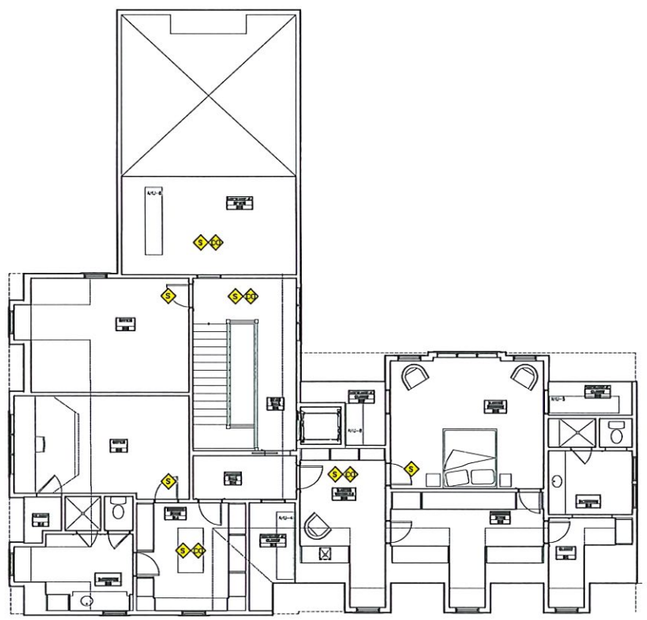


1 LIFE SAFETY FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

| ELECTRICAL LEGEND | | |
|---|---|---|
| SYMBOL | DESCRIPTION | REMARKS |
| S | SMOKE DETECTOR | PROVIDE AS REQUIRED BY CODE. EXACT MODEL TO BE DETERMINED. |
| H | HEAT DETECTOR | PROVIDE AS REQUIRED BY CODE. EXACT MODEL TO BE DETERMINED. |
| S CO | COMBINATION SMOKE AND CARBON MONOXIDE DETECTOR | PROVIDE AS REQUIRED BY CODE. EXACT MODEL TO BE DETERMINED. |



2 LIFE SAFETY SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"



3 LIFE SAFETY THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"

PERMIT SET 06.06.2019

REISSUED 06.16.2021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LIFE SAFETY PLANS
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 03.19.2021 | LIFE SAFETY PLAN ADDED |
| 3 | 03.26.2021 | LIFE SAFETY PLAN UPDATED |
| 4 | 06.16.2021 | REISSUED |
| 5 | | |
| 6 | | |

A5.1

## GENERAL CONDITIONS

1. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE COMMONWEALTH OF MASSACHUSETTS STATE RESIDENTIAL CODE NINTH EDITION.
2. G.C. MUST BUILD EXACTLY WHAT IS SHOWN ON STRUCTURAL DRAWINGS. ANY PROPOSED DEPARTURES FROM WHAT IS INDICATED MUST BE REVIEWED WITH THE ENGINEER PRIOR TO CONSTRUCTION. ALL UNAUTHORIZED CHANGES TO THE APPROVED DRAWINGS MUST BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
3. ENGINEER'S DESIGN IS DERIVED FROM ASSUMED FIELD CONDITIONS. ANY DISCREPANCIES BETWEEN WHAT IS SHOWN ON OUR DOCUMENTS AND WHAT IS FOUND IN THE FIELD MAY CHANGE THE STRUCTURAL DESIGN, AND MUST IMMEDIATELY BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO ANY CONSTRUCTION.
4. THE CONTRACTOR SHALL CAREFULLY VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON DRAWINGS PRIOR TO COMMENCEMENT OF THE WORK, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN ENGINEERING AND ARCHITECTURAL DOCUMENTS.
5. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF TEMPORARY SHORING, BRACING, OR OTHERWISE PROTECTING ANY PORTION OF THE STRUCTURE, SITE AND UTILITIES FROM DAMAGE DURING CONSTRUCTION. THE ENGINEER IS SPECIFYING THE FINISHED CONDITION ONLY, WITHOUT ASSUMING KNOWLEDGE NOR RESPONSIBILITY FOR HOW THE CONTRACTOR WILL ACHIEVE THIS RESULT.
6. FOR EXACT LOCATIONS OF FLOOR AND ROOF OPENINGS, POSTS, ETC., SEE ARCHITECTURAL DRAWINGS.

## FOUNDATIONS

1. EXCAVATE TO LINES AND GRADES REQUIRED TO PROPERLY INSTALL THE FOUNDATIONS ON INORGANIC, UNDISTURBED SOIL OR CONTROLLED STRUCTURAL BACKFILL AS REQUIRED BY THE ARCHITECT. ALL EXCAVATIONS SHALL BE DRY BEFORE PLACING ANY CONCRETE.
2. EXTERIOR FOOTINGS SHALL BE PLACED ON APPROVED SOIL AT A MINIMUM DEPTH OF 4 FEET, OR AS MODIFIED BY THE STRUCTURAL ENGINEER, BELOW THE LOWEST ADJACENT GROUND EXPOSED TO FREEZING. ANY ADJUSTMENT OF FOOTING ELEVATIONS DUE TO FIELD CONDITIONS MUST HAVE THE APPROVAL OF THE ARCHITECT.
3. SOIL BEARING CAPACITY: FOOTINGS MUST BE PLACED ON SOIL WITH A MINIMUM BEARING CAPACITY OF 4000 POUNDS PER SQUARE FOOT.
4. BACKFILL BELOW FOOTINGS AND SLABS SHALL BE MADE WITH APPROVED GRANULAR MATERIALS PLACED IN 6" LAYERS. LAYERS SHALL BE COMPACTED TO 95% DENSITY AT OPTIMUM MOISTURE CONTENT, AS DEFINED BY ASTM D1557, METHOD D.
5. BACKFILLING AGAINST WALLS OR PIERS MAY ONLY BE DONE AFTER WALLS OR PIERS ARE BRACED TO PREVENT MOVEMENT. FOR WOOD FRAMED RESIDENTIAL CONSTRUCTION, NO BACKFILLING OF WALLS MAY TAKE PLACE UNTIL THE FIRST FLOOR DECK HAS BEEN FRAMED AND SHEATHED, UNLESS WRITTEN APPROVAL IS GIVEN BY THE ARCHITECT OR ENGINEER.
6. PROVIDE FOUNDATION DRAINAGE, WATERPROOFING/DAMPPROOFING, AND FOUNDATION WALL INSULATION AS INDICATED ON THE ARCHITECTURAL DRAWINGS.
7. PROVIDE METAL OR PVC SLEEVES IN THE FOUNDATION WALLS FOR SEWER, GAS, ELECTRIC, AND WATER LINES, AS REQUIRED.

## CONCRETE

1. ALL CONCRETE WORK SHALL BE PERFORMED IN CONFORMANCE WITH THE LATEST EDITION OF ACI-318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
2. CONCRETE SHALL ACHIEVE A MINIMUM 28 DAY DESIGN STRENGTH AS FOLLOWS: FOOTINGS, WALLS, INTERIOR SLABS-ON-GRADE, AND OTHER CONCRETE NOT OTHERWISE SPECIFIED - 3000 PSI. EXTERIOR SLABS EXPOSED TO WEATHER - 4000 PSI.
3. SLUMP AT THE POINT OF DISCHARGE FROM THE READY-MIX TRUCK SHALL BE 3-5".
4. REINFORCING STEEL: TYPICAL - ASTM A615, GRADE 60. FIELD BENT - ASTM A615, GRADE 40
5. WELDED WIRE FABRIC - ASTM A185.
6. NON-SHRINK GROUT SHALL BE "EMBECO 153" BY MASTER BUILDERS, "SONOGROUT" BY SONNEBORN BUILDING PRODUCTS, "FIVE STAR GROUT" BY U.S. GROUT CORPORATION, OR EQUAL AS APPROVED BY THE OWNER.

## STRUCTURAL STEEL

1. STRUCTURAL STEEL WORK SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION: "SPECIFICATION FOR STRUCTURAL STEEL FOR BUILDINGS", LATEST EDITION.
2. STEEL BEAMS SHALL CONFORM TO ASTM A992, WITH A MINIMUM YIELD STRENGTH OF 50 KSI.
3. PLATES, ANGLES, CHANNELS, AND MISC. FABRICATED HARDWARE SHALL CONFORM TO ASTM A36, WITH A MINIMUM YIELD STRENGTH OF 36 KSI. RECTANGULAR STEEL TUBING SHALL CONFORM TO ASTM A500, GRADE B, WITH A MINIMUM YIELD STRENGTH OF 46 KSI.
4. ALL STEEL TO STEEL FIELD CONNECTIONS SHALL BE MADE BY HIGH STRENGTH BOLTING WITH ASTM A325 BOLTS OR WELDING WITH E70 XX ELECTRODES. STEEL TO CONCRETE AND STEEL TO WOOD FIELD CONNECTIONS MAY BE MADE WITH ASTM A 307 BOLTS.
5. STEEL SHALL BE SHOP-PAINTED WITH A MODIFIED ALKYD PRIMER UNLESS OTHERWISE NOTED.
6. ALL STRUCTURAL STEEL EXPOSED TO THE WEATHER SHALL BE GALVANIZED. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PAINTING REQUIREMENTS.
7. STRUCTURAL STEEL SHOP DRAWINGS SHALL BE PREPARED AND SUBMITTED TO THE ARCHITECT FOR APPROVAL. THESE DRAWINGS SHALL SHOW COMPLETE AND ACCURATE MEMBER LAYOUT, SIZES, GRADE, DIMENSIONS, CONNECTIONS, OPENINGS, ACCESSORIES, AND ALL OTHER INFORMATION NECESSARY FOR COMPLETE AND ACCURATE FABRICATION AND ASSEMBLY OF THE MEMBERS. PROVIDE TEMPLATES OR LOCATIONS DRAWINGS FOR INSTALLATION OF ANCHOR BOLTS. A SUBMITTAL SHALL BE BY PDF.
8. NO CUTTING OF OR OPENINGS THROUGH STEEL WILL BE PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

## STEEL DECK

1. STEEL DECK SHALL CONFORM TO THE "STANDARD FOR COMPOSITE STEEL FLOOR DECK (ANSI/SDI-C1.0)" AND THE "SPECIFICATION FOR DESIGN OF LIGHT GAUGE COLD-FORMED STEEL STRUCTURAL MEMBERS (AISI)."
2. STEEL DECK PANELS SHALL BE FORMED FROM STEEL SHEETS CONFORMING TO ASTM A653 STRUCTURAL QUALITY, WITH A MINIMUM YIELD POINT OF 50,000 PSI
3. STEEL FLOOR DECK SHALL BE BY VULCRAFT, 2VLI18 COMPOSITE DECKING. 2" DEPTH x 18 GAGE GALVANIZED G90 COMPOSITE METAL DECK CONFORMING TO ASTM A653 (Fy = 50KSI).
4. STEEL DECK CROSS SECTIONS ARE ONLY REPRESENTED DIAGRAMMATICALLY ON THE DRAWINGS.
5. FASTEN METAL DECK TO SUPPORTING STRUCTURE W/ MIN 5/8" PUDDLE WELDS IN A 36/4 PATTERN FOR 2VLI DECK AND A 36/3 PATTERN FOR 1.5VLI DECK.
6. WHERE DECK SPAN IS GREATER THAN 5 FEET, FASTEN SIDE LAPS AND PERIMETER EDGES W/ #10 SELF DRILLING SCREWS @ 3'-0" O.C. PROVIDE PAFs AT PERIMETER EDGES SUPPORTED BY CONCRETE.
7. CONCRETE SHALL BE HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. REINFORCE THE SLAB WITH 6x6 - W1.4xW1.4 WWF SUPPORTED ON CHAIRS AT 3'-0" CENTERS. REFER TO PLAN FOR LIGHTWEIGHT AND NORMAL WEIGHT SLAB LOCATIONS.

## ROUGH CARPENTRY

1. ALL STRUCTURAL ROUGH CARPENTRY SHALL CONFORM WITH THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION," ANSI/AWS NDS-2015
2. UNLESS NOTED OTHERWISE, STRUCTURAL WOOD FRAMING SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
   - A. FOR 2-4" (NOMINAL) THICKNESS KILN DRIED MEMBERS: SPRUCE-PINE-FIR (SPF) NO.1/NO.2 OR BETTER WITH THE FOLLOWING PROPERTIES:
     - a. ALLOWABLE BENDING STRESS, Fb = 875 PSI
     - b. ALLOWABLE SHEAR STRESS, Fv = 135 PSI
     - c. COMPRESSION PARALLEL TO GRAIN = 1,150 PSI
     - d. COMPRESSION PERPENDICULAR TO GRAIN = 425 PSI
     - e. MODULUS OF ELASTICITY, E = 1,400,000 PSI
   - B. FOR 2-4" (NOMINAL) THICKNESS PRESSURE TREATED (PT) MEMBERS: SOUTHERN PINE NO.2 OR BETTER WITH THE FOLLOWING PROPERTIES:
     - a. ALLOWABLE BENDING STRESS, Fb = 750 PSI
     - b. ALLOWABLE SHEAR STRESS, Fv = 175 PSI
     - c. COMPRESSION PARALLEL TO GRAIN = 1,250 PSI
     - d. COMPRESSION PERPENDICULAR TO GRAIN = 565 PSI
     - e. MODULUS OF ELASTICITY, E = 1,400,000 PSI
   - C. FOR 5" (NOMINAL) THICKNESS AND LARGER KILN DRIED AND PRESSURE TREATED (PT) MEMBERS: SOUTHERN PINE NO.1 OR BETTER WITH THE FOLLOWING PROPERTIES:
     - a. ALLOWABLE BENDING STRESS, Fb = 1,350 PSI
     - b. ALLOWABLE SHEAR STRESS, Fv = 165 PSI
     - c. COMPRESSION PARALLEL TO GRAIN = 825 PSI
     - d. COMPRESSION PERPENDICULAR TO GRAIN = 375 PSI
     - e. MODULUS OF ELASTICITY, E = 1,500,000 PSI
3. ENGINEERED LUMBER PRODUCTS SHALL BE TRUSJOST BY WEYERHAEUSER AS A MINIMUM STANDARD OF QUALITY. SUBSTITUTIONS ARE NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE ENGINEER. ENGINEERED LUMBER FRAMING SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
   - A. LAMINATED VENEER LUMBER (LVL):
     - a. ALLOWABLE BENDING STRESS, Fb = 2,600 PSI
     - b. ALLOWABLE SHEAR STRESS, Fv = 285 PSI
     - c. COMPRESSION PARALLEL TO GRAIN = 2,510 PSI
     - d. COMPRESSION PERPENDICULAR TO GRAIN = 750 PSI
     - e. MODULUS OF ELASTICITY, E = 2,000,000 PSI
   - B. PARALLEL STRAND LUMBER COLUMNS
     - a. ALLOWABLE BENDING STRESS, Fb = 2,400 PSI
     - b. ALLOWABLE SHEAR STRESS, Fv = 190 PSI
     - c. COMPRESSION PARALLEL TO GRAIN = 2,500 PSI
     - d. COMPRESSION PERPENDICULAR TO GRAIN = 545 PSI
     - e. MODULUS OF ELASTICITY, E = 1,800,000 PSI
4. ENGINEERED LUMBER JOISTS SHALL BE "TJI" BY TRUS JOST BY WEYERHAEUSER. JOIST SERIES AND SIZE SHALL BE AS INDICATED ON THE CONSTRUCTION DRAWINGS. INSTALL JOISTS IN CONFORMANCE WITH MANUFACTURER'S REQUIREMENTS.
5. UNLESS SUPPORTED BY HANGERS, ALL JOISTS SHALL HAVE A MINIMUM END BEARING OF 2" AND A MINIMUM INTERMEDIATE BEARING OF 3-1/2".
6. ALL STRUCTURAL SHEATHING SHALL CONFORM TO PS-1, PS-2 AND BE APA RATED WITH THE MINIMUM PROPERTIES:
   - A. SUBFLOOR SHEATHING SHALL BE MINIMUM 23/32" THICK TONGUE AND GROOVE, EXPOSURE 1, C-D GRADE PLYWOOD OR STRUCTURAL 1 GRADE ADVANTECH OSB SHEATHING. PANELS SHALL HAVE A MINIMUM 24" SPAN RATING. FLOOR SHEATHING SHALL BE GLUED TO FLOOR JOISTS WITH AN APPROVED ADHESIVE PRIOR TO NAILING.
   - B. ROOF SHEATHING SHALL BE MINIMUM 19/32" THICK, EXPOSURE 1, C-D GRADE PLYWOOD OR STRUCTURAL 1 GRADE HUBER ZIP SYSTEM ROOF SHEATHING PANELS. PANELS SHALL HAVE A MINIMUM 40/20 SPAN RATING. FOR SPANS OF 24" AND GREATER, PROVIDE TONGUE AND GROOVE EDGES OR METAL H-CLIPS CENTERED BETWEEN RAFTERS.
   - C. WALL SHEATHING SHALL BE MINIMUM 15/32" THICK, EXPOSURE 1, C-D GRADE PLYWOOD OR 7/16" THICK STRUCTURAL 1 GRADE HUBER ZIP SYSTEM SHEATHING PANELS. PANELS SHALL HAVE A MINIMUM 24/16 SPAN RATING.
7. UNLESS INDICATED OTHERWISE, ALL ENGINEERED LUMBER JOISTS SHALL BE INSTALLED IN A SIMPLE SPAN CONFIGURATION.
8. ALL WOOD HAVING DIRECT CONTACT WITH CONCRETE OR MASONRY, AND WHEREVER WOOD IS WITHIN 8" OF FINISHED GRADE OR PART OF OPEN DECK CONSTRUCTION, SHALL BE PRESSURE TREATED.
9. NON-PT BEAM ENDS SET IN CONCRETE BEAM POCKETS SHALL BE WRAPPED IN A SELF-ADHERING RUBBER MEMBRANE.
10. HANGERS AND CONNECTORS SHALL BE BY SIMPSON STRONG-TIE CORP. THE CONTRACTOR SHALL STRICTLY ADHERE TO MANUFACTURER'S FASTENING REQUIREMENTS. ALL CONNECTORS SHALL BE INSTALLED WITH THE MAXIMUM FASTENER QUANTITY, UNLESS NOTED OTHERWISE. ALL CONNECTORS EXPOSED TO WEATHER SHALL BE ZMAX GALVANIZED COATED.
11. UNLESS NOTED OTHERWISE, MULTIPLE 2x POSTS, SUCH AS 2-2x6, 3-2x6, ETC., SHALL BE CONFIGURED WITH ONE 2x AS A KING STUD AND THE BALANCE AS JACK STUDS.
12. SOLID LUMBER POSTS WITHIN WALLS SHALL BE INSTALLED IN JACK CONFIGURATION WITH ONE ADJACENT 2x KING STUD ATTACHED TO POST.
13. UNLESS NOTED OTHERWISE, PROVIDE AT LEAST TWO JACK STUDS BENEATH ENDS OF 2x12 AND ENGINEERED LUMBER HEADERS AND BEAMS.
14. FOR WOOD JOIST SPANS UP TO 14 FEET, PROVIDE A SINGLE ROW OF FULL DEPTH BLOCKING BETWEEN JOISTS AT MID SPAN. FOR SPANS EXCEEDING 14 FEET, PROVIDE TWO ROWS OF FULL DEPTH BLOCKING BETWEEN JOISTS AT THIRD POINTS OF THE SPAN.
15. PROVIDE SOLID BLOCKING BETWEEN JOISTS AT ALL JOIST BEARING LOCATIONS.
16. PROVIDE DOUBLE JOIST UNDER PARALLEL PARTITION WALLS OR SOLID BLOCKING @ 32" O.C. BETWEEN THE CLOSEST TWO JOISTS.
17. GABLE-END WALL STUDS IN CATHEDRAL, PARTIAL CATHEDRAL, OR HIGH CEILING SPACES SHALL SPAN UNINTERRUPTED FROM THE FLOOR PLATE TO THE UNDERSIDE OF THE ROOF RAFTERS. THEY SHOULD NOT BE INTERRUPTED BY ANY HORIZONTAL PLATES OR BEAMS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
18. MEMBERS WITHIN BUILT-UP BEAMS, WHETHER MADE OF SAWN OR ENGINEERED LUMBER, SHALL ONLY BE SPLICED OVER SUPPORTS.
19. PROVIDE SIMPSON H2.5A HURRICANE TIES BETWEEN EACH RAFTER BOTTOM AND ITS BEARING POINT.
20. UNLESS ANOTHER CONNECTOR IS CALLED OUT, PROVIDE ONE SIMPSON A35 FRAMING ANCHOR AT EACH RAFTER/RIDGE BEAM INTERSECTION, AND TWO WHEN RAFTERS ARE DOUBLED OR TRIPLED (ONE EACH SIDE).
21. CONTRACTOR SHALL CAREFULLY COORDINATE THE WORK OF ALL TRADES TO MINIMIZE THE NEED FOR CUTS AND BORE HOLES IN FRAMING LUMBER. IN GIRDERS, BEAMS, OR JOISTS, CUTS AND BORE HOLES SHALL NOT BE DEEPER THAN 1/5 THE MEMBER DEPTH NOR MORE THAT 2" IN DIAMETER, AND SHALL NOT BE LOCATED NEARER TO THE END OF THE SPAN THAN THREE TIMES THE MEMBER DEPTH NOR WITHIN THE CENTER THIRD OF THE SPAN UNLESS REINFORCED TO MEET STRESS CALCULATIONS.
22. AT WOOD POSTS LANDING ON FLOOR DECK, PROVIDE SOLID VERTICAL WOOD BLOCKING WITHIN DECK SANDWICH TO LINK UPPER POST WITH LOWER SUPPORT. BLOCKING TO MATCH UPPER POST SIZE.
23. SET LVL BEAMS THAT FRAME FLUSH WITH DIMENSIONAL LUMBER JOISTS 1/4" BELOW THE TOP OF JOISTS TO ALLOW FOR JOIST SHRINKAGE. WHERE BEARING WALLS OR POSTS LAND ON THESE BEAMS, INFILL GAP WITH 1/4" PLYWOOD FOR SOLID BEARING.

## DESIGN LOADS PER 2015 INTERNATIONAL RESIDENTIAL CODE

| | |
|---|---|
| GROUND SNOW LOAD [780 CMR 51.0 TABLE R301.2(4)] | 40 PSF |
| **LIVE LOADS** | |
| ATTICS WITHOUT STORAGE: | 10 PSF |
| ATTICS WITH LIMITED STORAGE: | 20 PSF |
| HABITABLE ATTICS, ATTICS SERVED WITH FIXED STAIRS AND SLEEPING AREAS: | 30 PSF |
| EXTERIOR BALCONIES AND DECKS | 40 PSF |
| ALL OTHER AREAS | 40 PSF |
| WIND LOAD [780 CMR 51.0 TABLE R301.2(4)] | 128 MPH, EXPOSURE B |
| DEAD LOAD | WEIGHTS OF MATERIALS AND CONSTRUCTION MAXIMUM SOLAR PANEL DEAD LOAD 5 PSF |

PER R81035 SOLAR-READY ZONES OF ROOF ARE INDICATED ON THE ROOF FRAMING PLAN.

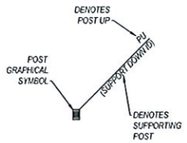
## POST LEGEND

SUPPORT UP ID

| | |
|---|---|
| PU | POST UP |
| CU | COLUMN UP |
| LC UP | LALLY COLUMN UP |

SUPPORT DOWN ID

| | |
|---|---|
| 3-2x4 | (3) 2x4 POST |
| 3-2x6 | (3) 2x6 POST |
| J2-24 | (2) 2x4 JACK STUD + (1) 2x4 KING STUD |
| F44 | 4x4 FIR POST |
| F66 | 6x6 FIR POST |
| PT 4x4 | 4x4 ACQ PRESSURE TREATED POST |
| PT 6x6 | 6x6 ACQ PRESSURE TREATED POST |
| HSS 3½ | 3½"x 3½"x¼" HOLLOW STRUCTURAL SECTION |
| LC 3½ | 3½"D CONCRETE FILLED LALLY COLUMN |
| HDU4 | SIMPSON HDU4-SDS2.5 HOLDOWN |
| HDU5 | SIMPSON HDU5-SDS2.5 HOLDOWN |
| PSL 3½x3½ | 3½"x 3½" PARALLEL STRAND LUMBER POST |
| PSL 3½x5¼ | 3½"x 5¼" PARALLEL STRAND LUMBER POST |
| PSL 3½x7 | 3½"x7 PARALLEL STRAND LUMBER POST |
| PSL 5¼x5¼ | 5¼"x5¼" PARALLEL STRAND LUMBER POST |
| PSL 5¼x7 | 5¼"x7 PARALLEL STRAND LUMBER POST |
| PSL 7x7 | 7x7 PARALLEL STRAND LUMBER POST |




## SYMBOLS LEGEND:

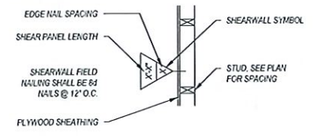
1. SHEARWALL =
2. INTERIOR BEARING WALL =
3. BEARING WALL ABOVE =
4. STEEL MOMENT RESISTING CONNECTION =

## ABBREVIATION LEGEND

| | |
|---|---|
| A.B. | ANCHOR BOLT |
| ARCH. | ARCHITECT |
| BM. | BEAM |
| BRG. | BEARING |
| BTWN. | BETWEEN |
| CLG. | CEILING |
| COL. | COLUMN |
| CONC. | CONCRETE |
| CONT. | CONTINUOUS |
| CU | COLUMN UP |
| (E) | EXISTING |
| E.W. | EACH WAY |
| FDN. | FOUNDATION |
| FTG. | FOOTING |
| HDR. | HEADER |
| HORIZ. | HORIZONTAL |
| G.C. | GENERAL CONTRACTOR |
| LC | LALLY COLUMN |
| LVL | LAMINATED VENEER LUMBER |
| MAX. | MAXIMUM |
| MFR. | MANUFACTURER |
| MIN. | MINIMUM |
| N.T.S. | NOT TO SCALE |
| O.C. | ON CENTER |
| PT | PRESSURE TREATED |
| PU | POST UP |
| REQ. | REQUIRED |
| SPEC. | SPECIFICATION |
| TYP. | TYPICAL |
| U.N.O. | UNLESS NOTED OTHERWISE |
| VERT. | VERTICAL |
| V.O.P. | VERIFY OR PROVIDE |
| V.I.F. | VERIFY IN FIELD |
| W/ | WITH |

## SHEARWALL NOTES

1. SHEARWALLS CONSTRUCTION:
   - SHEATHING TO BE ½" APA RATED STRUCTURAL SHEATHING, REFER TO PLAN AND SECTIONS FOR ADDITIONAL INFORMATION
   - SHEATHING TO BE ATTACHED TO THE WALL STUDS WITH 8d NAILS BE PLAN CALLOUTS
   - HOLDOWNS TO BE HDU BY SIMPSON. SEE PLAN FOR MODEL NUMBER AND THREADED ROD SIZE
2. ALL PLYWOOD SEAMS IN A SHEARWALL SHALL BE BLOCKED WITH DIMENSIONAL LUMBER OF THE SAME SIZE AS THE WALL STUDS.
3. REFER TO PLANS AND SECTIONS FOR STUD SIZES. STUDS SHALL BE SPACED AT 16 INCHES ON CENTER UNLESS NOTED OTHERWISE ON PLAN.
4. CARE SHOULD BE TAKEN TO ADJUST NAIL GUN PRESSURE SO AS TO NOT OVER DRIVE NAILS INTO PLYWOOD. NAIL HEADS SHOULD BE FLUSH WITH PLYWOOD FACE. OVER DRIVING NAILS GREATLY REDUCES THE EFFECTIVENESS OF THE SHEARWALL.

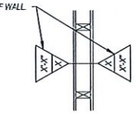



## HOLDOWN UNIT SCHEDULE

| SAI NOTATION | SIMPSON NAME | ANCHOR BOLT D | A.B. CONCRETE EMBED. |
|---|---|---|---|
| DTT1Z | DTT1Z | ½" | 6"** |
| DTT2Z | DTT2Z-SDS2.5 | ½" | 10"** |
| HDU2 | HDU2-SDS2.5 | ⅝" | 18"* |
| HDU4 | HDU4-SDS2.5 | ⅝" | 18"* |
| HDU5 | HDU5-SDS2.5 | ⅝" | 18"* |
| HDU8 | HDU8-SDS2.5 | ¾" | 18"* |
| HDU11 | HDU11-SDS2.5 | 1" | 24"* |
| HDU14 | HDU14-SDS2.5 | 1" | 24"* |

*MINIMUM ANCHOR BOLT CONCRETE EMBEDMENT VALUES FOR ALL HDU PRODUCTS BASED ON CAST-IN-PLACE CONSTRUCTION UNLESS NOTED OTHERWISE BY ENGINEER.
**MINIMUM ANCHOR BOLT CONCRETE EMBEDMENT VALUE USING POST-INSTALLED ANCHOR BOLT SET WITH HILTI HIT-HY 200 ADHESIVE UNLESS NOTED OTHERWISE BY ENGINEER.

SHEARWALL SYMBOL ON BOTH SIDES OF SHEAR WALL INDICATES DOUBLE-SIDED SHEARWALL. INSTALL PLYWOOD SHEATHING ON BOTH FACES OF WALL

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GENERAL NOTES
SCALE: NTS

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| 1 | 06.06.2019 | PERMIT SET |
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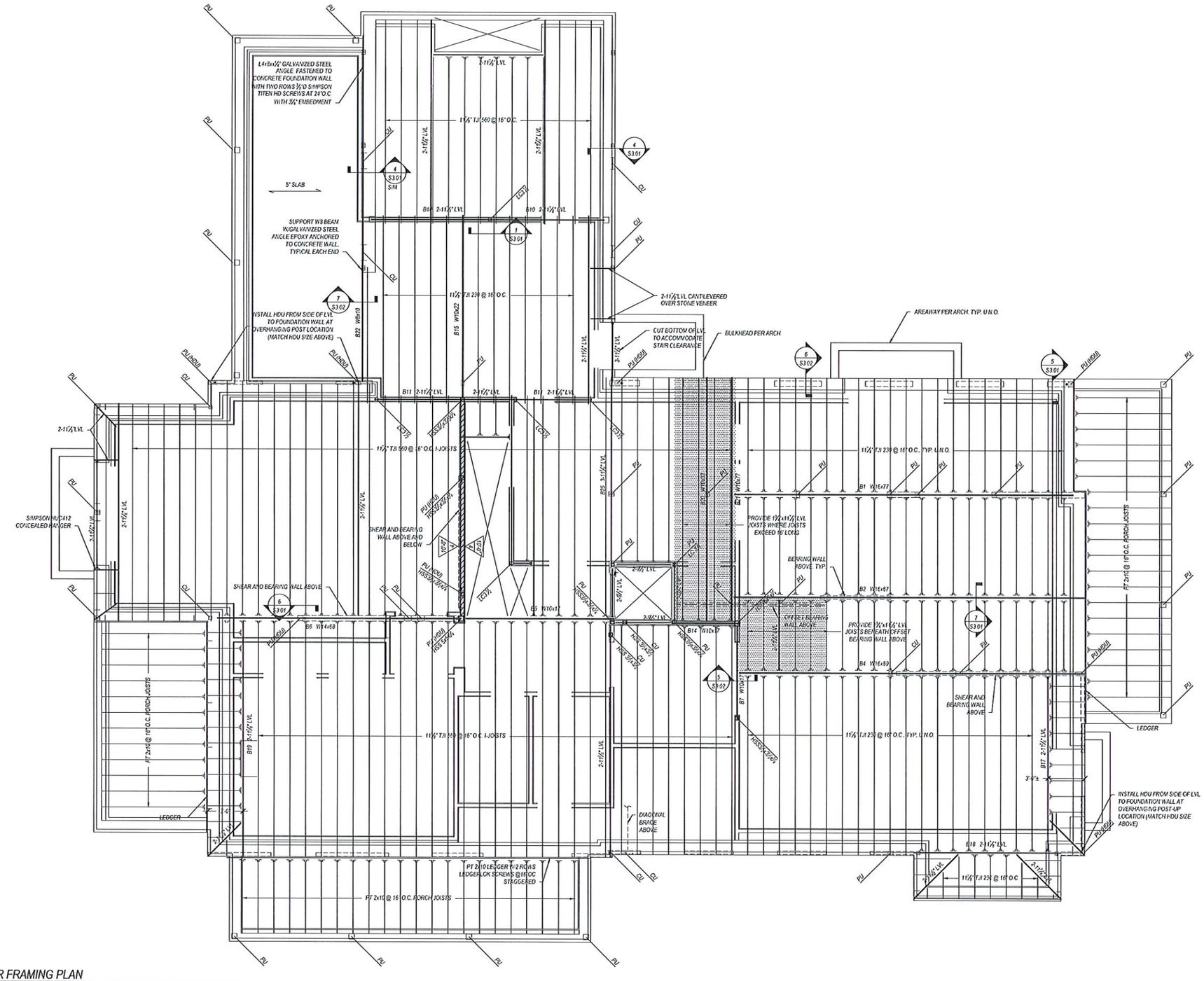
REISSUED 06.16.2021




FIRST FLOOR FRAMING PLAN

Scale: 1/4"=1'-0"

NOTES:

1. '5" SLAB' INDICATES 5" TOTAL THICKNESS COMPOSITE CONCRETE SLAB ON 2x1/16 GALVANIZED COMPOSITE METAL DECK W/ 6x6-W1.4xW1.4 WWF REINFORCING CENTERED IN THE CONCRETE TOPPING. FLOOR IS DESIGNED TO HAVE 1½" THICK STONE FINISHED FLOOR PER ARCH.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FIRST FLOOR FRAMING PLAN

SCALE: 1/4"=1'-0"

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|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
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| 5 | | |
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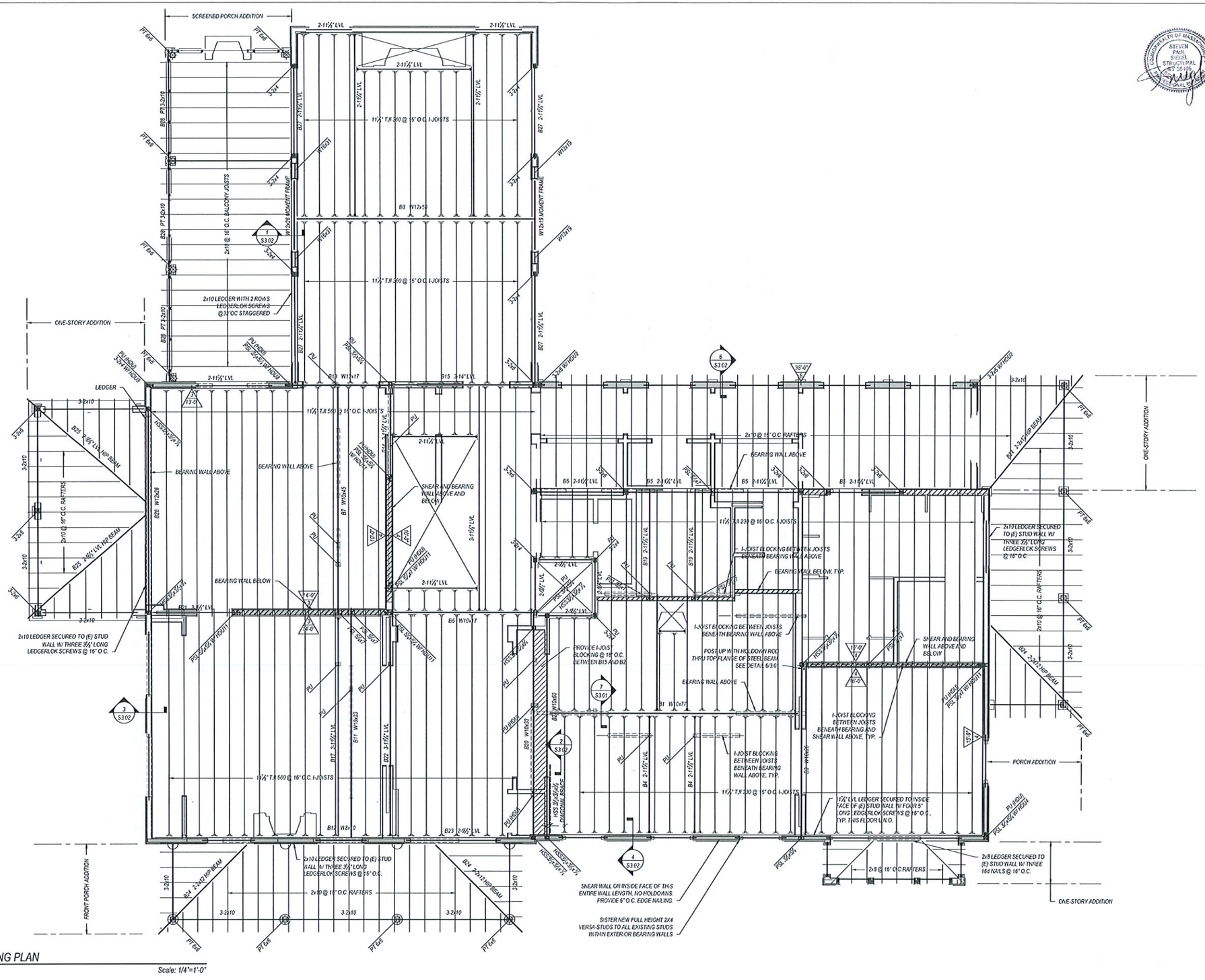
S1.01

REISSUED 06.16.2021




SECOND FLOOR FRAMING PLAN

Scale: 1/4"=1'-0"

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STRUCTURAL ENGINEERS
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617 244 1632 tel
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COMMONWEALTH OF MASSACHUSETTS
STEVEN PAUL SIEGEL
STRUCTURAL
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REGISTERED PROFESSIONAL ENGINEER

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phone 617-489-0050
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50 Church Street
Belmont, Massachusetts
02478

12 Lakeview Avenue
Cambridge, MA

SECOND FLOOR FRAMING PLAN
SCALE: 1/4"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 06.06.2019 | PERMIT SET |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
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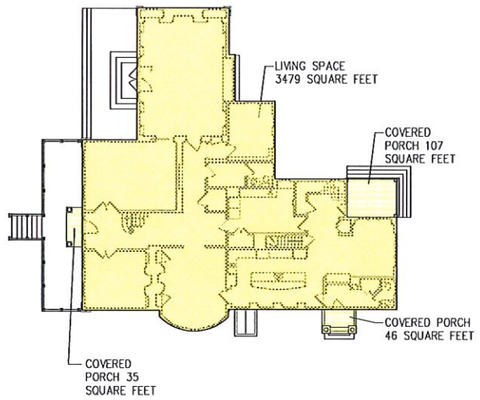
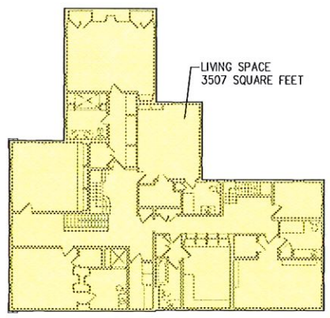
S1.02

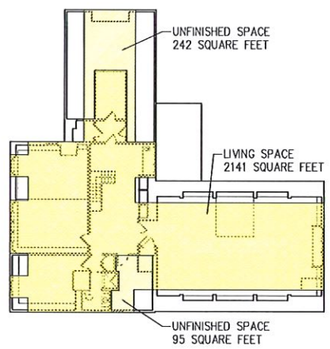
REISSUED 06.16.2021



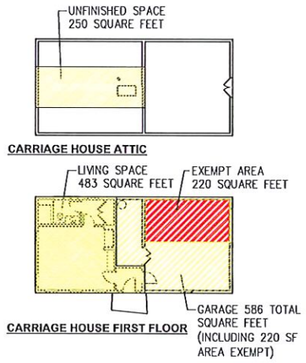

FIRST FLOOR




SECOND FLOOR



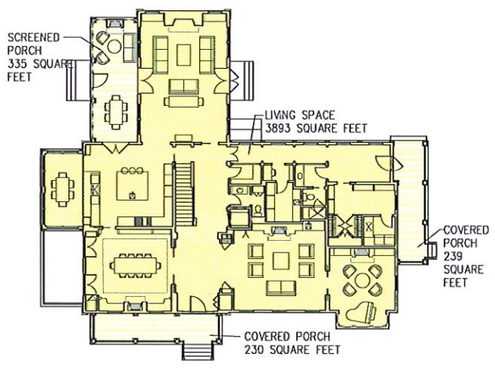

THIRD FLOOR



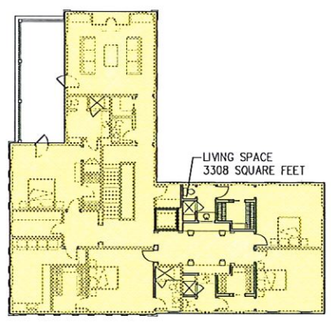

CARRIAGE HOUSE

| EXISTING SQUARE FOOTAGE CALCULATIONS | Square Feet |
|---|---|
| Basement (basement does not count towards FAR) | |
| First Floor | 3479 |
| Second Floor | 3507 |
| Third Floor Living Space | 2141 |
| Third Floor Unfinished Space | 337 |
| Covered Porches | 188 |
| Carriage House Living Space | 483 |
| Garage | 586 |
| Carriage House Attic | 250 |
| **Total Existing Square Gross Square Footage** | **10971** |
| *10%* | *1097.1* |
| | |
| Garage not counted towards FAR | -220 |
| **Total Existing FAR Square Footage** | **10751** |
| | |
| Lot Area | 30,236 |
| *Existing FAR* | *0.36* |
| *Allowed FAR* | *0.50* |

## EXISTING SQUARE FOOTAGES




FIRST FLOOR

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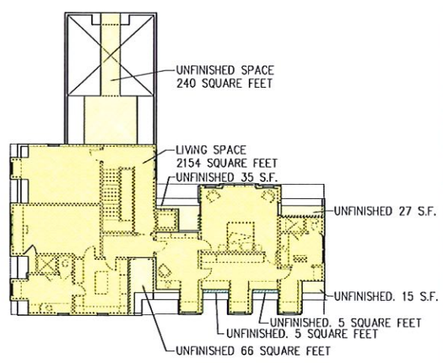
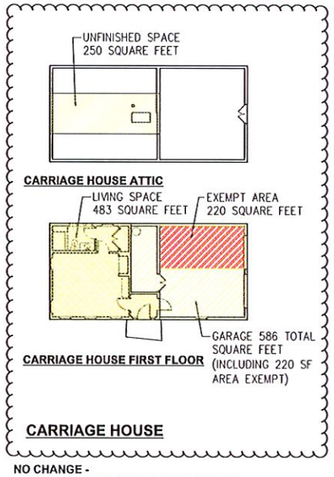



THIRD FLOOR




CARRIAGE HOUSE

NO CHANGE -
EXISTING CARRIAGE HOUSE TO REMAIN

| PROPOSED SQUARE FOOTAGE CALCULATIONS | Square Feet |
|---|---|
| Basement (basement does not count towards FAR) | |
| First Floor | 3893 |
| Second Floor | 3308 |
| Third Floor | 2154 |
| Third Floor Unfinished Space | 393 |
| Covered Porches | 804 |
| Carriage House Living Space (no change) | 483 |
| Carriage House Attic (no change) | 586 |
| Garage Attic (no change) | 250 |
| **Total Square Gross Square Footage** | **11871** |
| *Square Footage Added (11,871 SF-10,970 SF)* | *900* |
| *Square Footage Allowed as per § 22.1 f (10% of the existing nonconforming structure)* | *1097.1* |
| *Percent Square Footage Added* | *8.20%* |
| | |
| Garage not counted towards FAR | -220 |
| **Total FAR Square Footage** | **11651** |
| | |
| Lot Area | 30,236 |
| *Proposed FAR* | *0.39* |
| *Allowed FAR* | *0.50* |

## PROPOSED SQUARE FOOTAGES

**PERMIT ADDENDUM 05.28.2021**

**REISSUED 06.16.2021**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12 Lakeview Avenue
Cambridge, MA

EXISTING & PROPOSED SF

SCALE: 1/16" = 1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 05.28.2021 | PERMIT ADDENDUM |
| 2 | 06.16.2021 | REISSUED |
| 3 | | |
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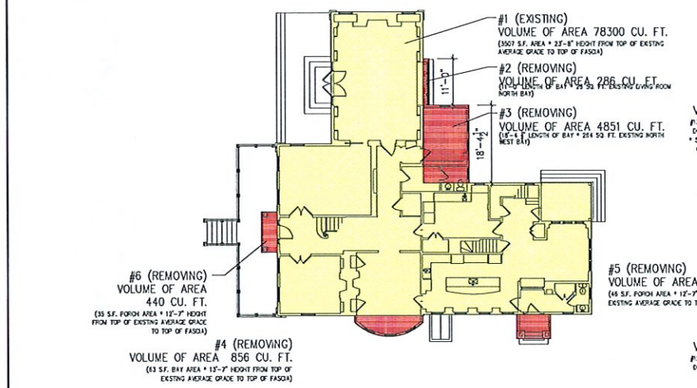
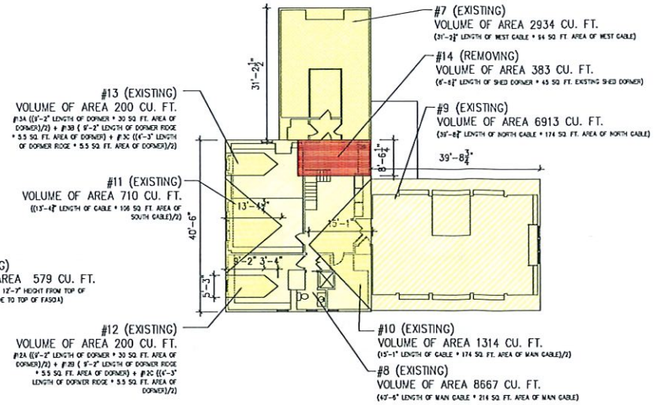
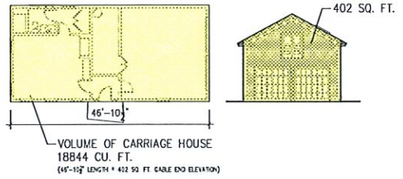
PA-1



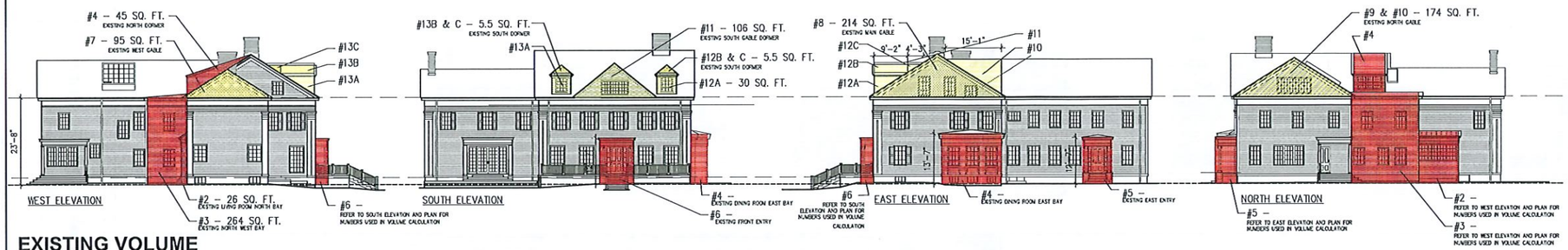

EXISTING CARRIAGE HOUSE VOLUME

| | |
|---|---|
| TOTAL EXISTING VOLUME TO REMAIN | 18,844 CU. FT. |

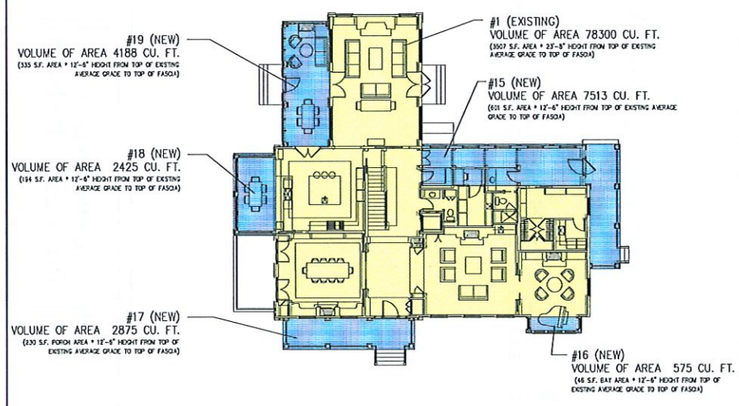
EXISTING HOUSE VOLUME

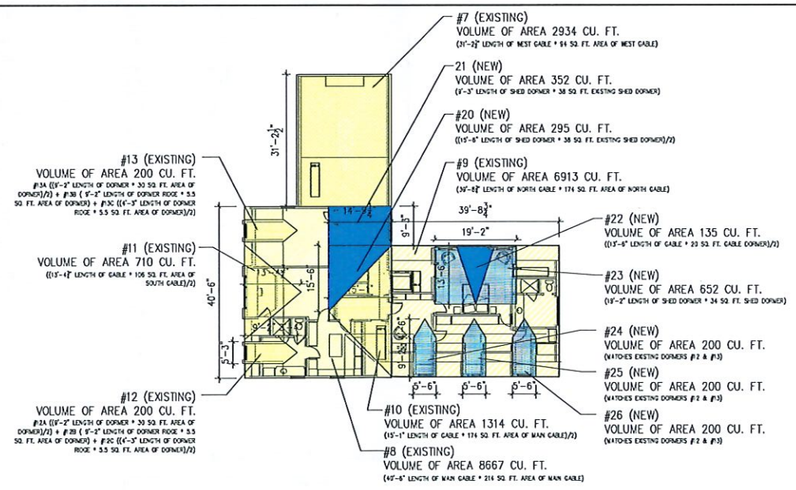
| | |
|---|---|
| TOTAL EXISTING VOLUME TO REMAIN | 99,238 CU. FT. |
| TOTAL EXISTING VOLUME TO BE REMOVED | 7,395 CU. FT. |
| TOTAL EXISTING VOLUME HOUSE | 106,663 CU. FT. |

| EXISTING VOLUME CALCULATIONS | Cubic Feet |
|---|---|
| #1 (Existing) | 78300 |
| #2 (Removing) | 286 |
| #3 (Removing) | 4851 |
| #4 (Removing) | 856 |
| #5 (Removing) | 579 |
| #6 (Removing) | 440 |
| #7 (Existing) | 2934 |
| #8 (Existing) | 8667 |
| #9 (Existing) | 6913 |
| #10 (Existing) | 1314 |
| #11 (Existing) | 710 |
| #12 (Existing) | 200 |
| #13 (Existing) | 200 |
| #14 (Removing) | 383 |
| Main House Total | 106633 |
| Carriage House | 18844 |
| GRAND TOTAL EXISTING VOLUME | 125477 |
| 10% of Existing Volume | 12548 |
| Existing Area in Volume To Be Demolished | 7395 |
| Percentage of Existing Volume to be Demolished | 5.89% |
| Demolition Permit Required for 25% or more of the volume | |




## EXISTING VOLUME

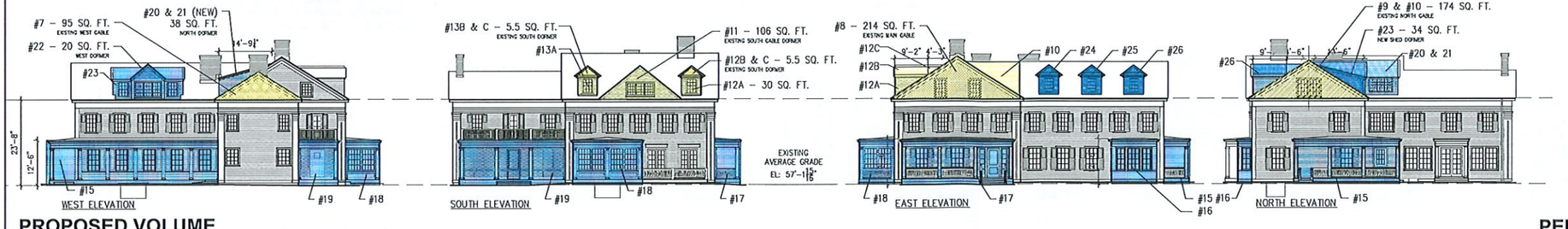



PROPOSED HOUSE VOLUME

| | |
|---|---|
| TOTAL EXISTING VOLUME TO REMAIN | 99,238 CU. FT. |
| TOTAL NEW VOLUME | 19,415 CU. FT. |
| TOTAL PROPOSED VOLUME HOUSE | 118,653 CU. FT. |

| PROPOSED VOLUME CALCULATIONS | Cubic Feet |
|---|---|
| House | |
| #1 (Existing) | 78300 |
| #7 (Existing) | 2934 |
| #8 (Existing) | 8667 |
| #9 (Existing) | 6913 |
| #10 (Existing) | 1314 |
| #11 (Existing) | 710 |
| #12 (Existing) | 200 |
| #13 (Existing) | 200 |
| #15 (Adding) | 7513 |
| #16 (Adding) | 575 |
| #17 (Adding) | 2875 |
| #18 (Adding) | 2425 |
| #19 (Adding) | 4188 |
| #20 (Adding) | 295 |
| #21 (Adding) | 352 |
| #22 (Adding) | 135 |
| #23 (Adding) | 652 |
| #24 (Adding) | 135 |
| #25 (Adding) | 135 |
| #26 (Adding) | 135 |
| Main House Total | 118653 |
| Carriage House (same as existing) | 18844 |
| GRAND TOTAL PROPOSED VOLUME | 137497 |
| Volume Added (137,880 Cu.Ft.-125,477 Cu.Ft.) | 12020 |
| Volume Allowed as per 8.22.1.f (10% of the existing nonconforming structure) | 12548 |
| Percent Volume Added | 9.58% |




## PROPOSED VOLUME

| |
|---|
| TOTAL EXISTING VOLUME HOUSE & CARRIAGE HOUSE 125,477 CU. FT. |
| TOTAL PROPOSED VOLUME HOUSE & CARRIAGE HOUSE 137,497 CU. FT. |
| 9.58% TOTAL VOLUME ADDED (10% ALLOWED AS PER 8.22.1.f) |

## PERMIT ADDENDUM 05.28.2021

REISSUED 06.16.2021


REGISTERED ARCHITECT
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12 Lakeview Avenue
Cambridge, MA

EXISTING & PROPOSED VOLUME

SCALE: 1/16"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 05.28.2021 | PERMIT ADDENDUM |
| 2 | 06.16.2021 | REISSUED |
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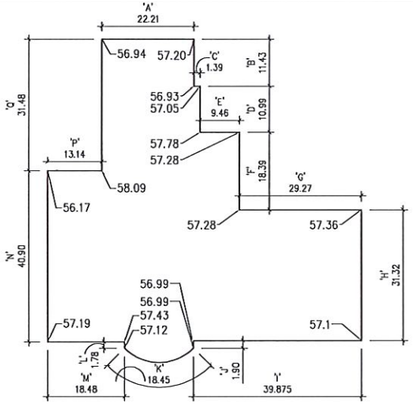
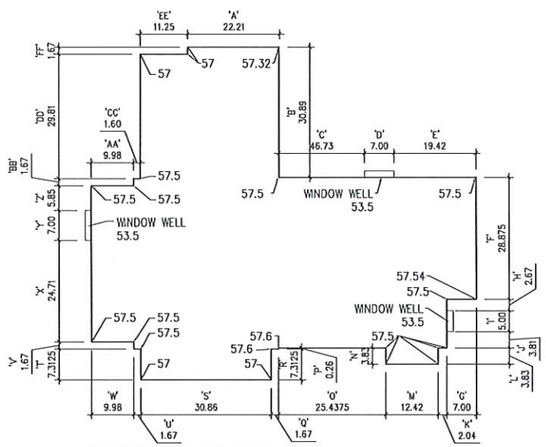
PA-2




**EXISTING KEY PLAN** 1/16" = 1'-0"

| 12 Lakeview Existing Mean Grade | | | | | |
|---|---|---|---|---|---|
| Wall | Length of Wall | Grade at start | Grade at End | Average Grade | Length*AverageGrade |
| A | 22.21 | 56.94 | 57.2 | 57.07 | 1267.5247 |
| B | 11.43 | 57.2 | 56.93 | 57.065 | 652.25295 |
| C | 1.39 | 56.93 | 57.05 | 56.99 | 79.2161 |
| D | 10.99 | 57.05 | 57.78 | 57.415 | 630.99085 |
| E | 9.46 | 57.78 | 57.28 | 57.53 | 544.2338 |
| F | 18.39 | 57.28 | 57.28 | 57.28 | 1053.3792 |
| G | 29.27 | 57.28 | 57.36 | 57.32 | 1677.7564 |
| H | 31.32 | 57.36 | 57.1 | 57.23 | 1792.4436 |
| I | 39.875 | 57.1 | 56.99 | 57.045 | 2274.669375 |
| J | 1.9 | 56.99 | 56.99 | 56.99 | 108.281 |
| K | 18.45 | 56.99 | 57.12 | 57.055 | 1052.66475 |
| L | 1.78 | 57.12 | 57.43 | 57.275 | 101.9495 |
| M | 18.48 | 57.43 | 57.19 | 57.31 | 1059.0888 |
| N | 40.9 | 57.19 | 56.17 | 56.68 | 2318.212 |
| P | 13.14 | 56.17 | 58.09 | 57.13 | 750.6882 |
| Q | 31.48 | 58.09 | 56.94 | 57.515 | 1810.5722 |
| | | | | | |
| Total Perimeter | 300.465 | | | Total Average Grade | 17173.92343 |
| | Average Grade Total (Total Average Grade/Total Perimeter) | 57.1578168 | | | |
| | Existing Roof Peak | 93.5 | | | |
| | Total Existing Building Height | 36.3421832 | | | |


## EXISTING BUILDING HEIGHT




**PROPOSED KEY PLAN** 1/16" = 1'-0"

| 12 Lakeview Proposed Mean Grade | | | | | |
|---|---|---|---|---|---|
| Wall | Length of Wall | Grade at start | Grade at End | Average Grade | Length*AverageGrade |
| A | 22.21 | 57 | 57.32 | 57.16 | 1269.5236 |
| B | 30.89 | 57.32 | 57.5 | 57.41 | 1773.3949 |
| C | 46.73 | 57.5 | 57.5 | 57.5 | 2686.975 |
| D | 7 | 53.5 | 53.5 | 53.5 | 374.5 |
| E | 19.42 | 57.5 | 57.5 | 57.5 | 1116.65 |
| F | 28.875 | 57.5 | 57.54 | 57.52 | 1660.89 |
| G | 7 | 57.54 | 57.5 | 57.52 | 402.64 |
| H | 2.67 | 57.5 | 57.5 | 57.5 | 153.525 |
| I | 5 | 53.5 | 53.5 | 53.5 | 267.5 |
| J | 3.81 | 57.5 | 57.5 | 57.5 | 219.075 |
| K | 2.04 | 57.5 | 57.5 | 57.5 | 117.3 |
| L | 3.83 | 57.5 | 57.5 | 57.5 | 220.225 |
| M | 12.42 | 57.5 | 57.5 | 57.5 | 714.15 |
| N | 3.83 | 57.5 | 57.5 | 57.5 | 220.225 |
| O | 25.4375 | 57.5 | 57.6 | 57.55 | 1463.928125 |
| P | 0.26 | 57.6 | 57.6 | 57.6 | 14.976 |
| Q | 1.67 | 57.6 | 57.6 | 57.6 | 96.192 |
| R | 7.3125 | 57.6 | 57 | 57.3 | 419.00625 |
| S | 30.86 | 57 | 57 | 57 | 1759.02 |
| T | 7.3125 | 57 | 57.22 | 57.11 | 417.616875 |
| U | 1.67 | 57.22 | 57.22 | 57.22 | 95.5574 |
| V | 1.67 | 57.22 | 57.5 | 57.36 | 95.7912 |
| W | 9.98 | 57.5 | 57.5 | 57.5 | 573.85 |
| X | 24.71 | 57.5 | 57.5 | 57.5 | 1420.825 |
| Y | 7 | 53.5 | 53.5 | 53.5 | 374.5 |
| Z | 5.85 | 57.5 | 57.5 | 57.5 | 336.375 |
| AA | 9.98 | 57.5 | 57.5 | 57.5 | 573.85 |
| BB | 1.67 | 57.5 | 57.5 | 57.5 | 96.025 |
| CC | 1.6 | 57.5 | 57.5 | 57.5 | 92 |
| DD | 29.81 | 57 | 57 | 57 | 1699.17 |
| EE | 11.25 | 57 | 57 | 57 | 641.25 |
| FF | 1.67 | 57 | 57 | 57 | 95.19 |
| | | | | | |
| Total Perimeter | 375.4375 | | | Total Average Grade | 21461.69635 |
| | Average Grade Total (Total Average Grade/Total Perimeter) | 57.16449835 | | | |
| | Existing Roof Peak | 93.5 | | | |
| | Total Existing Building Height | 36.33550165 | | | |

**PROPOSED GRADES SHOWN SUPERSEDE GRADES SHOWN ON SHEET C1 DATED 6/7/2019**


## PROPOSED BUILDING HEIGHT

**PERMIT ADDENDUM 05.28.2021**

**REISSUED 06.16.2021**


REGISTERED ARCHITECT
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Belmont, Massachusetts
02478


# 12 Lakeview Avenue
Cambridge, MA

## EXISTING & PROPOSED HEIGHT

SCALE: 1/16"=1'-0"

| ISSUED | | |
|---|---|---|
| 1 | 05.28.2021 | PERMIT ADDENDUM |
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| 4 | | |
| 5 | | |
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PA-3