New Residence for

MG Builders

23 Riverbank Road Weston CT

General Notes:

General Notes

1. All work shall be in conformance with State of CT building code, Town of Weston Zoning Regulations, and all applicable regulations of the Aspetuck Health Department.
2. Comply with all regulations and standards of utility companies.
3. Comply with all "Call before you Dig" regulations.
4. Contractor shall be solely responsible for job site safety, and conformance with all applicable state, Federal and Local safety regulations, including the "Occupational Safety" and Health Act (OSHA).
5. Detailed Design of HVAC, Plumbing, and Electrical systems shall be by Mechanical and Electrical Contractors.
6. Site surveying and engineering by others.
7. Verify all existing dimensions in field.

Project Team:

Architect
Daniel Conlon Architects
P.O. Box 418 Georgetown, CT 06829
203-544-7988

ResCheck:

Generated by RES*check-Web* Software

Compliance Certificate

Project Riverbank Road

Energy Code:	**2021 IECC**
Location:	**Fairfield County, Connecticut**
Construction Type:	**Single-family**
Project Type:	**New Construction**
Project SubType:	**None**
Conditioned Floor Area:	**1,940 ft2**
Glazing Area	**25%**
Climate Zone:	**5 (5999 HDD)**
Permit Date:	
Permit Number:	
All Electric	**false**
Is Renewable	**false**
Has Charger	**true**
Has Battery:	**false**
Has Heat Pump:	**false**

Construction Site:
23 Riverbank Road
Weston, CT

Owner/Agent:

Designer/Contractor:
Daniel Conlon
Daniel Conlon Architects
84 Danbury Road
Wilton, Connecticut 06897
203-544-7988
dconlon@dconlonarchitects.com

Compliance: Passes using UA trade-off

Compliance: **1.9% Better Than Code** Maximum UA: **755** Your UA: **741**

The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules.
It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

Slab-on-grade tradeoffs are no longer considered in the UA or performance compliance path in REScheck. Each slab-on-grade assembly in the specified climate zone must meet the minimum energy code insulation R-value and depth requirements.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Prop. U-Factor	Req. U-Factor	Prop. UA	Req. UA
Flat Roof: Flat Ceiling or Scissor Truss	448	58.0	0.0	0.024	0.024	11	11
Pitched: Cathedral Ceiling	2,182	58.0	0.0	0.018	0.024	39	52
Wall: Wood Frame, 16" o.c.	1,581	28.0	0.0	0.050	0.045	73	66
Window: Metal Frame w/ Thermal Break	124			0.270	0.300	33	37
Wall 1: Wood Frame, 16" o.c.	2,059	28.0	0.0	0.050	0.045	52	46
Door: Glass Door (over 50% glazing)	480			0.270	0.300	130	144
Window 1: Metal Frame w/ Thermal Break	546			0.270	0.300	147	164
Wall 2nd floor: Wood Frame, 16" o.c.	2,276	28.0	0.0	0.050	0.045	96	86
Window 2: Metal Frame w/ Thermal Break	355			0.270	0.300	96	107
Floor: Slab-On-Grade (Heated) Insulation depth: 4.0' Insulation position: Vertical Insulation	267		15.0	0.720	0.645	0	0
Basement Wall Concrete Tall: Solid Concrete or Masonry Wall height: 8.8' Depth below grade: 7.7' Insulation depth: 8.8'	1,353	0.0	19.0	0.038	0.050	51	68
Basement Wall concrete short: Solid Concrete or Masonry Wall height: 2.4' Depth below grade: 1.8' Insulation depth: 2.4'	280	0.0	19.0	0.046	0.050	13	14

Energy Credits

Description	Credits
Enhanced Envelope Performance Option - R408.2.1	1.0
More Efficient HVAC Equipment Option - R408.2.2	1.0
Required: 1 Proposed: 2	

Zoning Data Summary:

Drawing Legend:

SHEET INDEX	
ID	Name
CS	Cover Sheet
L-1	SITE PLAN
A1.0	FOUNDATION PLAN
A1.1	BASEMENT PLAN
A1.2	1st FLOOR PLAN
A1.3	2nd FLOOR PLAN
A1.4	ATTIC PLAN
A1.5	ROOF PLAN
A2.1	ELEVATION
A2.2	ELEVATION
A3.1	BUILDING SECTION
A3.2	BUILDING SECTION
A3.3	BUILDING SECTION
A3.4	BUILDING SECTION
A4.1	WALL SECTIONS
A4.2	WALL SECTIONS
A4.3	WALL SECTIONS
A4.4	WALL SECTIONS
A4.5	WALL SECTIONS
A5.1	DETAILS
A5.2	DETAILS
A5.3	TYPICAL STRUCTURAL DETAILS 01
A5.4	TYPICAL STRUCTURAL DETAILS 02
A6.1	Window Elevation Schedule
A6.2	Schedules
E1.1	BASEMENT ELECTRICAL PLAN
E1.2	FIRST FLOOR ELECTRICAL PLAN
E1.3	SECOND FLOOR/ ATTIC ELECTRIC...

New Residence for
MG Builders
23 Riverbank Road Weston, CT

DANIEL CONLON ARCHITECTS
84 DANBURY ROAD
WILTON, CT
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com

Revisions

Change ID	Change Name	Date

Stamp

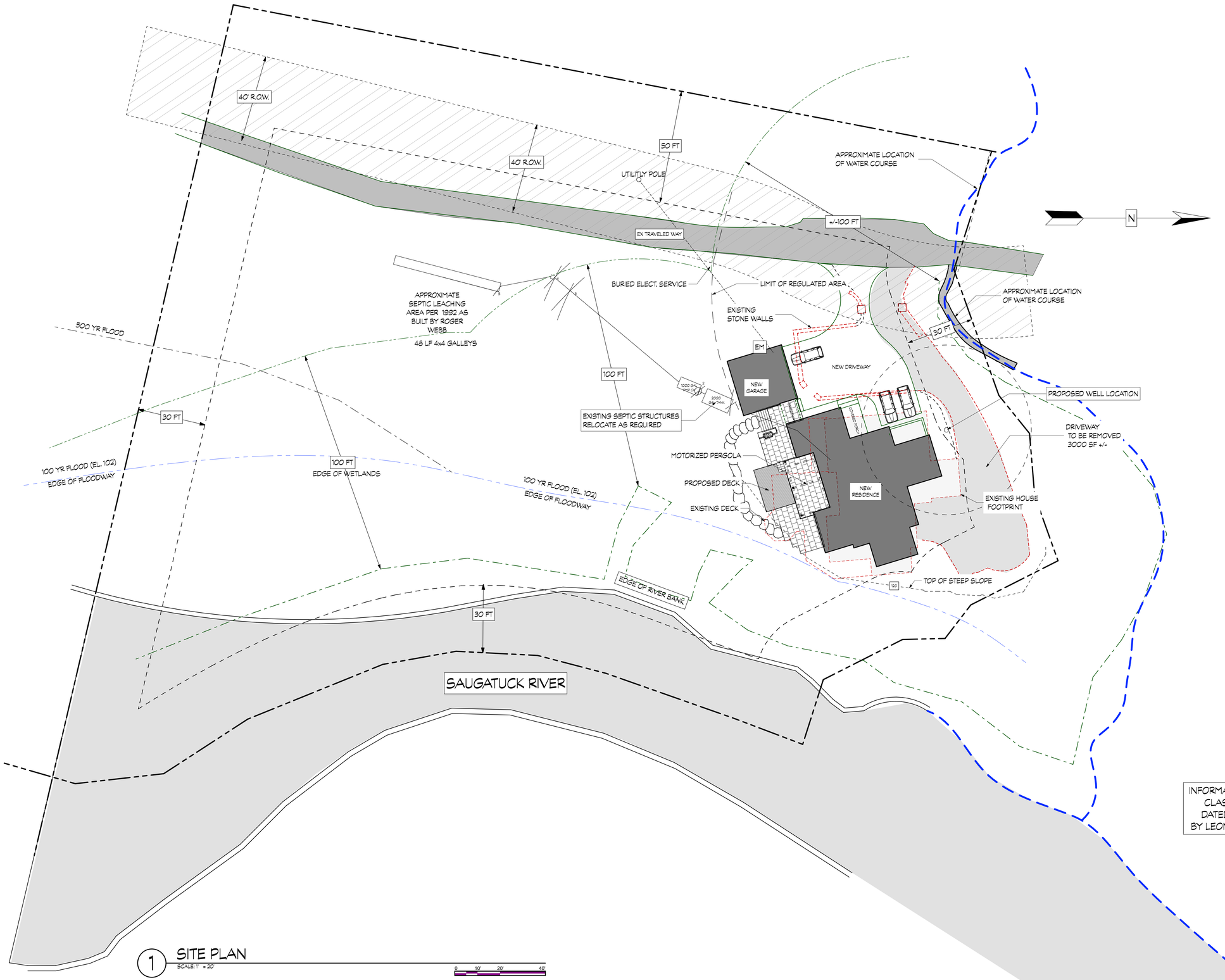
Issued for: PERMITS

Issue Date: **8/06/25**

CS

Project #: **2503**

\\Volumes\DCASERVER\Current Jobs DCA\GREENBERG RIVERBANK 2503\Drawing files\ArchiCAD Models\Riverbank CON DOCS Current.pln | 8/19/25 | 10:06 AM



1 SITE PLAN

SCALE: 1" = 20'

0 10' 20' 40'

/Volumes/DCASERVER/Current Jobs DCA/GREENBERG RIVERBANK 2503/Drawing files/ArchiCAD Models/Riverbank CON DOCS Current.pln | 9/19/25 | 10:06 AM

New Residence for
MG Builders
23 Riverbank Road Weston, CT

DANIEL CONLON ARCHITECTS
84 DANBURY ROAD
WILTON, CT
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com

Revisions

Change ID	Change Name	Date

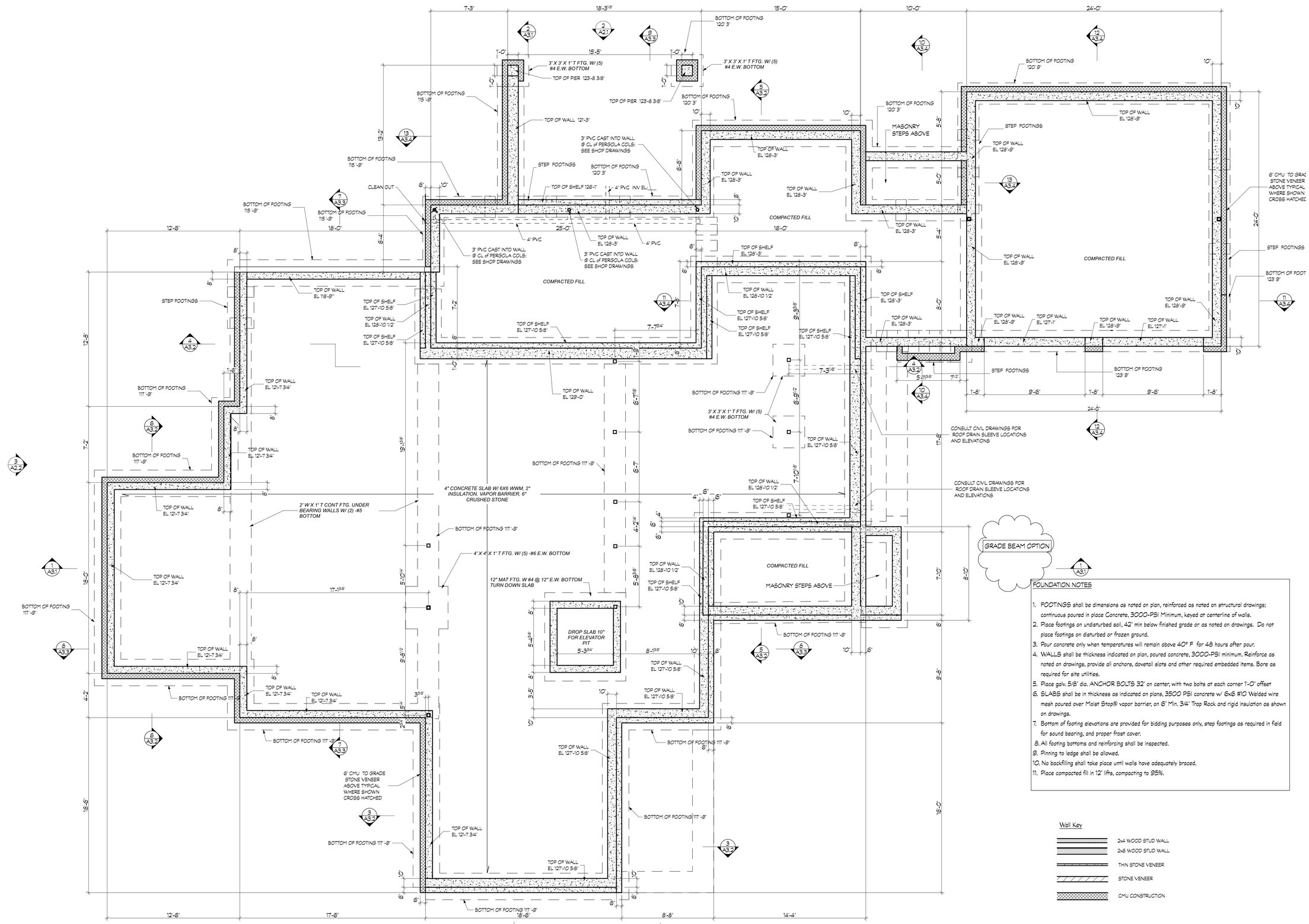
Stamp

Issued for: PERMITS

Issue Date: 8/06/25

L-1

Project #: 2503



FOUNDATION NOTES

1. FOOTINGS shall be dimensions as noted on plan, reinforced as noted on structural drawings; continuous poured in place Concrete, 3000-PSI Minimum, keyed at centerline of walls.
2. Place footings on undisturbed soil, 42" min below finished grade or as noted on drawings. Do not place footings on disturbed or frozen ground.
3. Pour concrete only when temperatures will remain above 40° F for 48 hours after pour.
4. WALLS shall be thickness indicated on plan, poured concrete, 3000-PSI minimum. Reinforce as noted on drawings, provide all anchors, dovetail slots and other required embedded items. Bore as required for site utilities.
5. Place galv. 5/8" dia. ANCHOR BOLTS 32" on center, with two bolts at each corner 1'-0" offset
6. SLABS shall be in thickness as indicated on plans, 3500 PSI concrete w/ 6x6 #10 Welded wire mesh poured over Moist Stop® vapor barrier, on 6" Min. 3/4" Trap Rock and rigid insulation as shown on drawings.
7. Bottom of footing elevations are provided for bidding purposes only, step footings as required in field for sound bearing, and proper frost cover.
8. All footing bottoms and reinforcing shall be inspected.
9. Pinning to ledge shall be allowed.
10. No backfilling shall take place until walls have adequately braced.
11. Place compacted fill in 12" lifts, compacting to 95%.

Wall Key

- 2x4 WOOD STUD WALL
- 2x6 WOOD STUD WALL
- THIN STONE VENEER
- STONE VENEER
- CMU CONSTRUCTION

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

DANIEL CONLON ARCHITECTS
84 DANBURY ROAD
WILTON, CT
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com

New Residence for
MG Builders
23 Riverbank Road Weston, CT

Revisions

Change ID	Change Name	Date

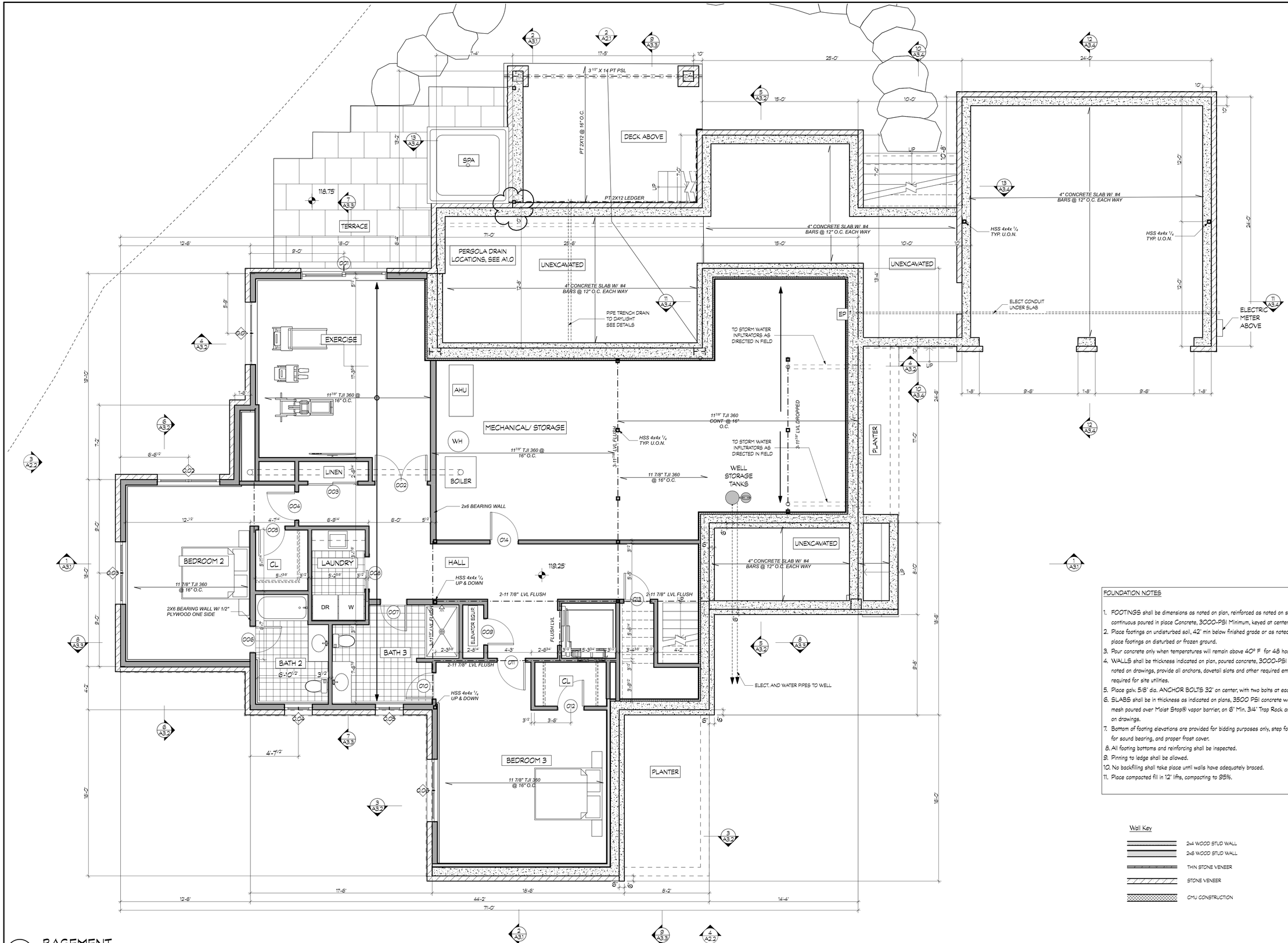
Stamp

Issued for: PERMITS
Issue Date: 8/06/25

A1.0

Project #: 2503

/Volumes/DCASERVER/Current Jobs DCA/GREENBERG RIVERBANK 2503/Drawing files/ArchiCAD Models/Riverbank CON DOCS Current.pln | 9/19/25 | 10:06 AM



FOUNDATION NOTES

1. FOOTINGS shall be dimensions as noted on plan, reinforced as noted on structural drawings; continuous poured in place Concrete, 3000-PSI Minimum, keyed at centerline of walls.
2. Place footings on undisturbed soil, 42" min below finished grade or as noted on drawings. Do not place footings on disturbed or frozen ground.
3. Pour concrete only when temperatures will remain above 40° F for 48 hours after pour.
4. WALLS shall be thickness indicated on plan, poured concrete, 3000-PSI minimum. Reinforce as noted on drawings, provide all anchors, dovetail slots and other required embedded items. Bore as required for site utilities.
5. Place galv. 5/8" dia. ANCHOR BOLTS 32" on center, with two bolts at each corner 1'-0" offset
6. SLABS shall be in thickness as indicated on plans, 3500 PSI concrete w/ 6x6 #10 Welded wire mesh poured over Moist Stop® vapor barrier, on 6" Min. 3/4" Trap Rock and rigid insulation as shown on drawings.
7. Bottom of footing elevations are provided for bidding purposes only, step footings as required in field for sound bearing, and proper frost cover.
8. All footing bottoms and reinforcing shall be inspected.
9. Pinning to ledge shall be allowed.
10. No backfilling shall take place until walls have adequately braced.
11. Place compacted fill in 12" lifts, compacting to 95%.

Wall Key

- 2x4 WOOD STUD WALL
- 2x6 WOOD STUD WALL
- THIN STONE VENEER
- STONE VENEER
- CMU CONSTRUCTION

1 BASEMENT

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

0 2' 4' 8'

DANIEL CONLON ARCHITECTS
84 DANBURY ROAD WILTON, CT
(203) 544-7988
P.O. Box 418 Georgetown CT 06829
dconlonarchitects.com

New Residence for
MG Builders
23 Riverbank Road Weston, CT

Revisions

Change ID	Change Name	Date

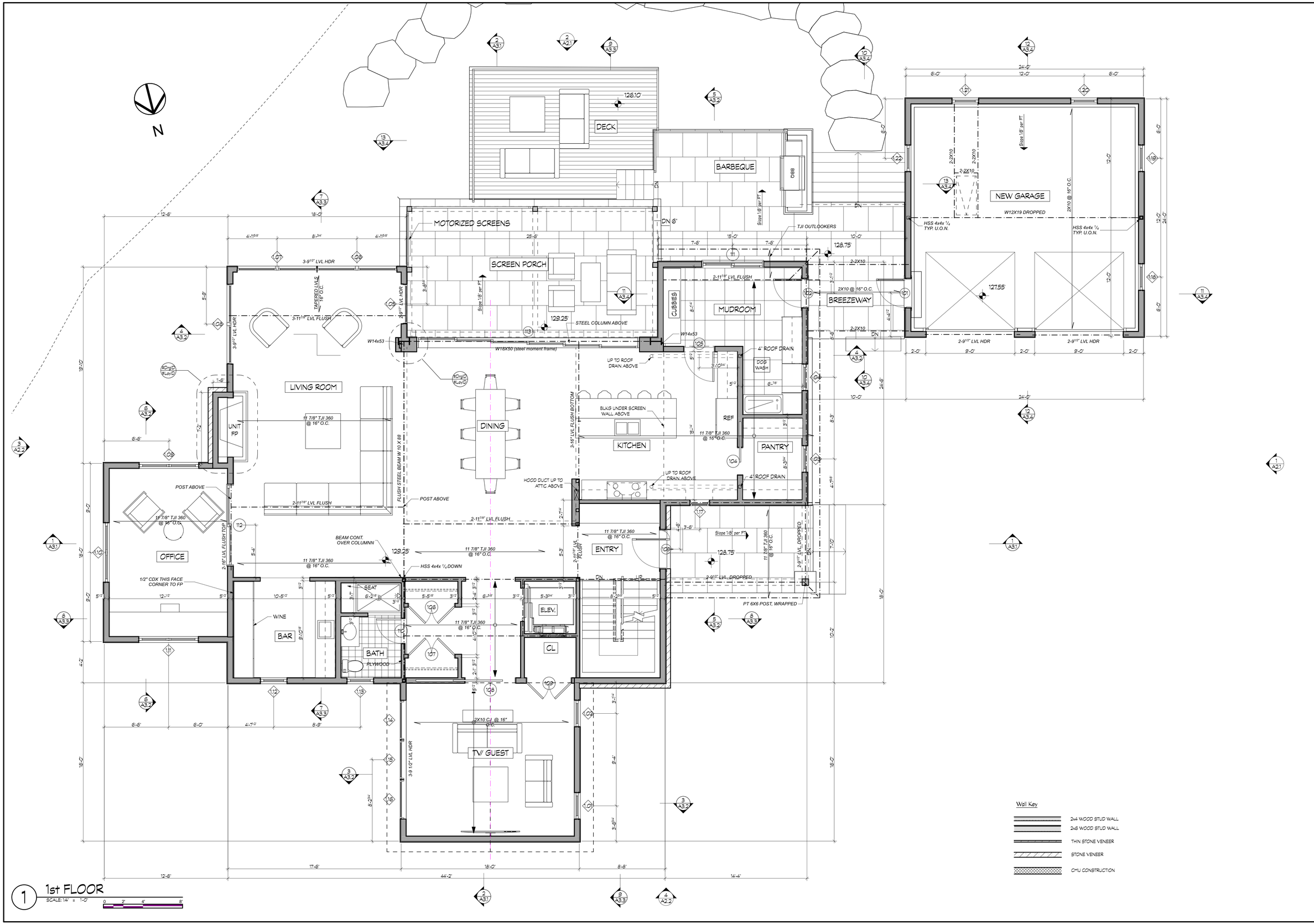
Stamp

Issued for: PERMITS
Issue Date: 8/06/25

A1.1

Project #: 2503

/Volumes/DCASERVER/Current Jobs DCA/GREENBERG RIVERBANK 2503/Drawing files/ArchiCAD Models/Riverbank CON DOCS Current.pln | 9/19/25 | 10:06 AM



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

New Residence for
MG Builders
23 Riverbank Road Weston, CT

DANIEL CONLON ARCHITECTS
84 DANBURY ROAD WILTON, CT
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com

Revisions

Change ID	Change Name	Date

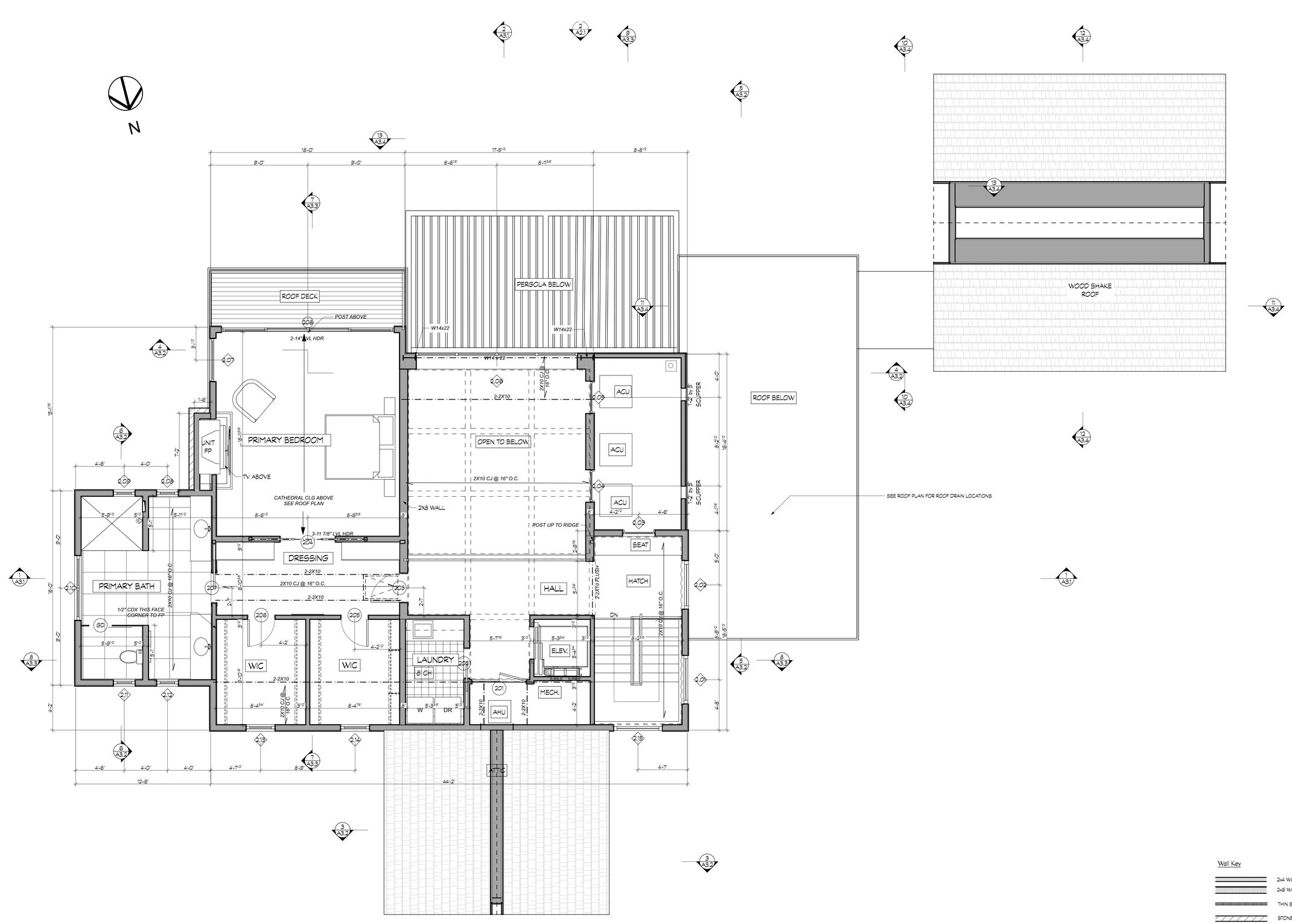
Stamp

Issued for: PERMITS
Issue Date: 8/06/25

A1.2

Project #: 2503

/Volumes/DCASERVER/Current Jobs DCA/GREENBERG RIVERBANK 2503/Drawing files/ArchiCAD Models/Riverbank CON DOCS Current.pln | 9/19/25 | 10:06 AM



1 2nd FLOOR
SCALE: 1/4" = 1'-0"

Wall Key

- 2x4 WOOD STUD WALL
- 2x6 WOOD STUD WALL
- THIN STONE VENEER
- STONE VENEER
- CMU CONSTRUCTION

/Volumes/DCASERVER/Current Jobs DCA/GREENBERG RIVERBANK 2503/Drawing files/ArchiCAD Models/Riverbank CON DOCS Current.pln | 9/19/25 | 10:06 AM

DANIEL CONLON ARCHITECTS
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com
WILTON, CT

New Residence for
MG Builders
23 Riverbank Road Weston, CT
84 DANBURY ROAD

Revisions

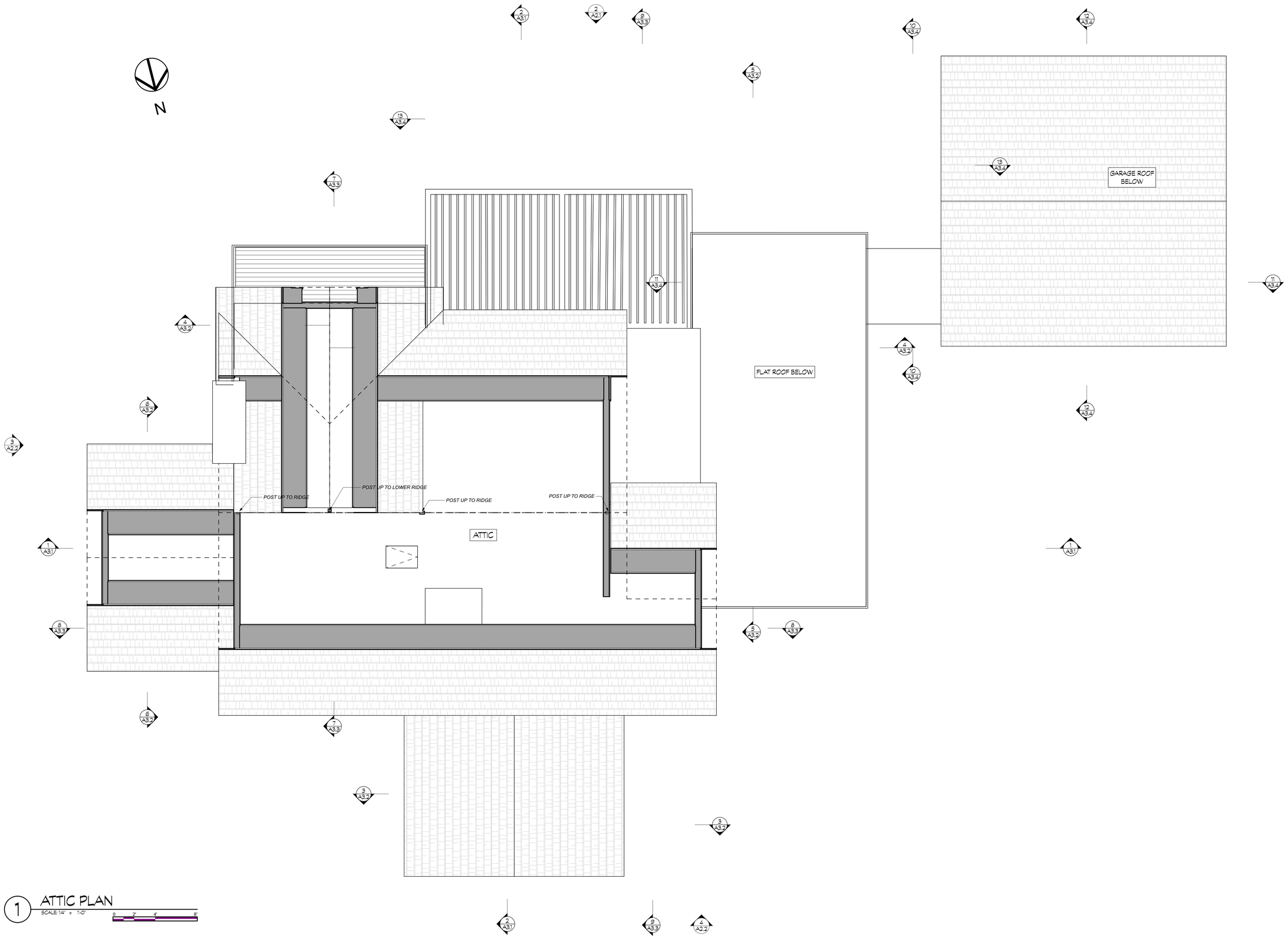
Change ID	Change Name	Date

Stamp

Issued for: PERMITS
Issue Date: 8/06/25

A1.3

Project #: 2503



1 ATTIC PLAN

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

0 2" 4" 8"

/Volumes/DCASERVER/Current Jobs DCA/GREENBERG RIVERBANK 2503/Drawing files/ArchiCAD Models/Riverbank CON DOCS Current.pln | 9/19/25 | 10:06 AM

DANIEL CONLON ARCHITECTS
84 DANBURY ROAD WILTON, CT
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com

New Residence for
MG Builders
23 Riverbank Road Weston, CT

Revisions

Change ID	Change Name	Date

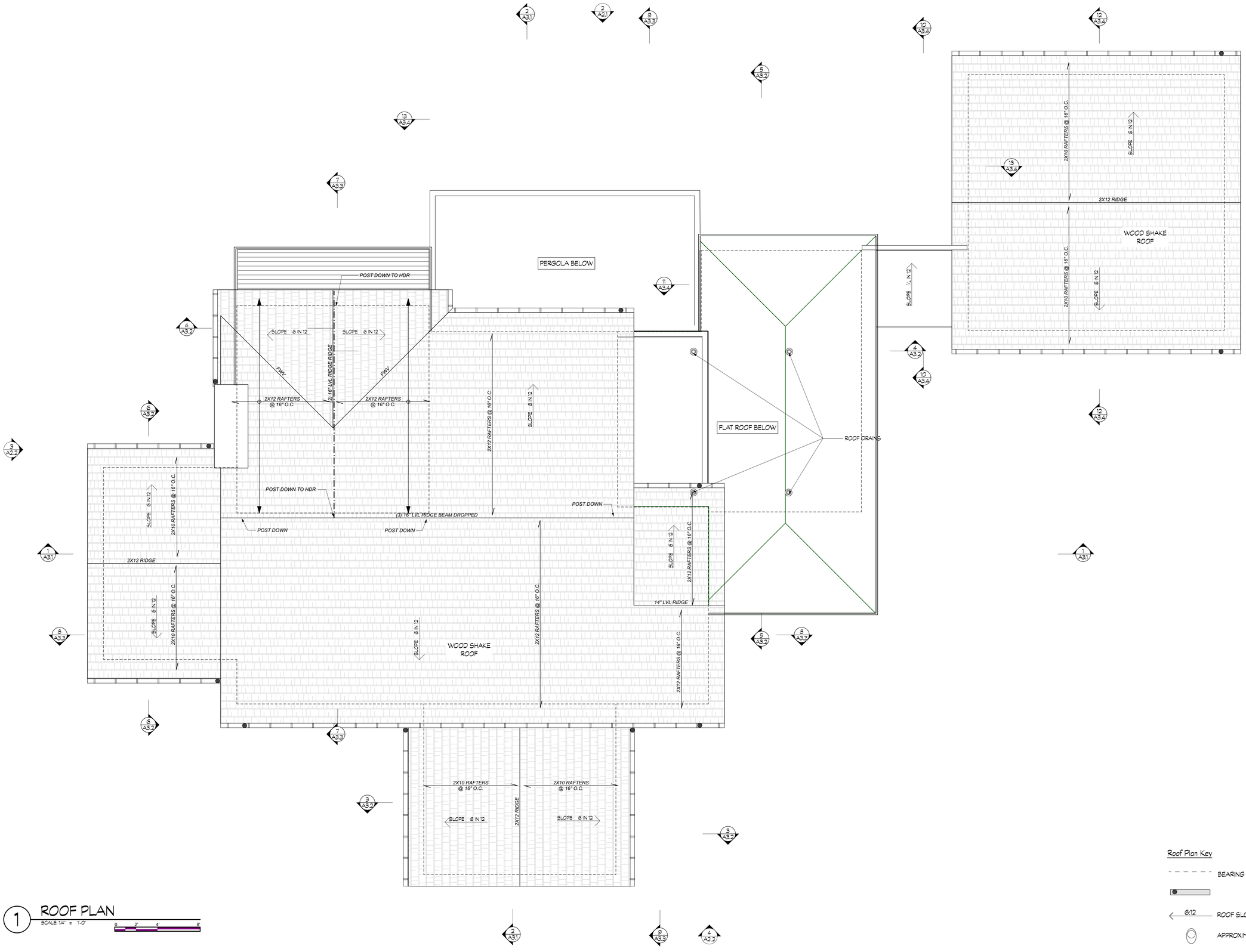
Stamp

Issued for: PERMITS

Issue Date: 8/06/25

A1.4

Project #: 2503



1 ROOF PLAN

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

0 2' 4' 8'

Roof Plan Key

- - - - - - BEARING WALL BELOW

6:12 ROOF SLOPE AND DIRECTION

APPROXIMATE LOCATION OF PLUMBING VEI

DANIEL CONLON ARCHITECTS
84 DANBURY ROAD WILTON, CT
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com

New Residence for
MG Builders
23 Riverbank Road Weston, CT

Revisions

Change ID	Change Name	Date

Stamp

Issued for: PERMITS

Issue Date: 8/06/25

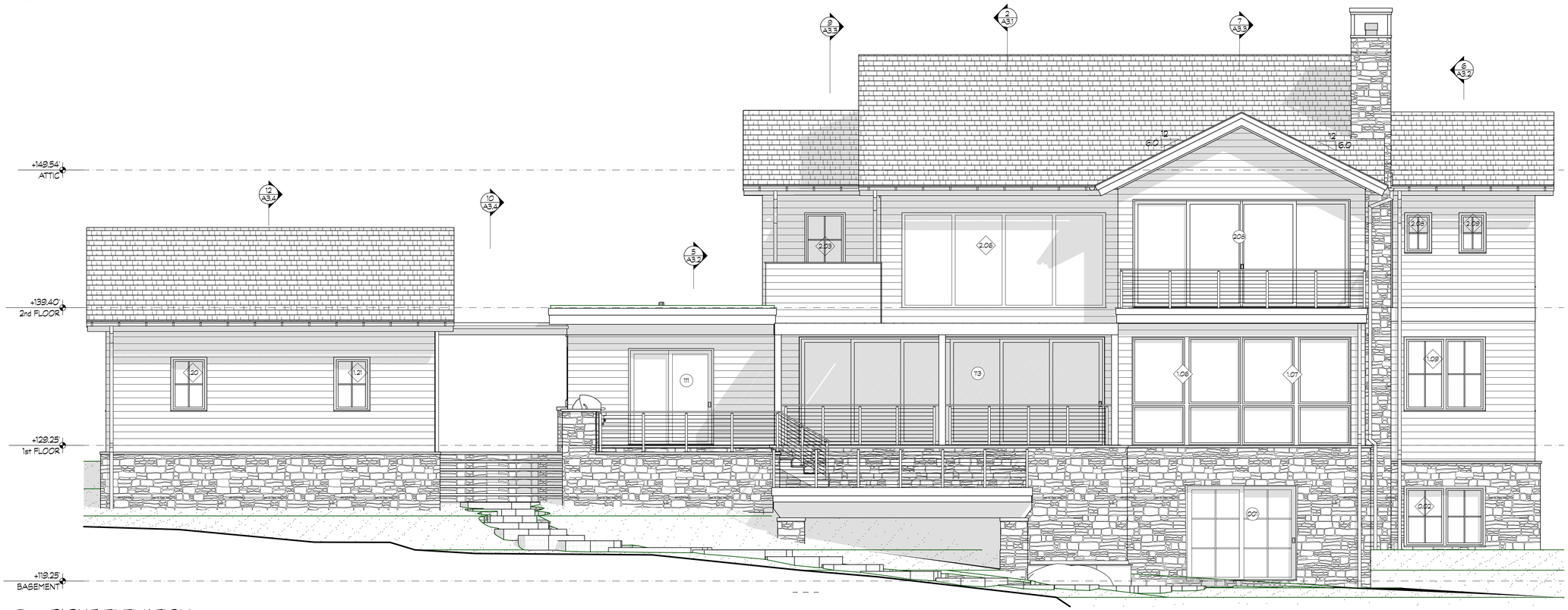
A1.5

Project #: 2503

/Volumes/DCASERVER/Current Jobs DCA/GREENBERG RIVERBANK 2503/Drawing files/ArchiCAD Models/Riverbank CON DOCS Current.pln | 9/19/25 | 10:09 AM

1 FRONT ELEVATION

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



2 RIGHT ELEVATION

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

DANIEL CONLON ARCHITECTS
84 DANBURY ROAD
WILTON, CT
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com

New Residence for
MG Builders
23 Riverbank Road Weston, CT

Revisions

Change ID	Change Name	Date

Stamp

Issued for: PERMITS

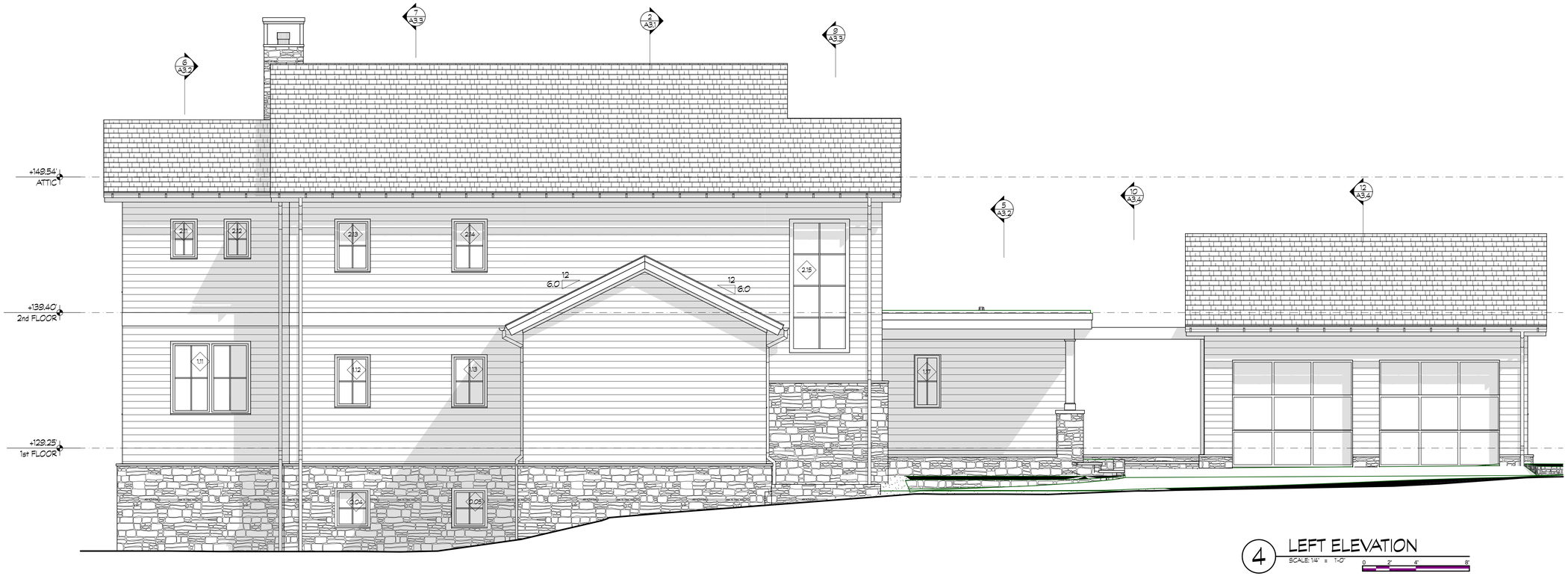
Issue Date: 8/06/25

A2.1

Project #: 2503

Volumes/DCASERVER/Current Jobs DCA/GREENBERG RIVERBANK 2503/Drawing files/ArchiCAD Models/Riverbank CON DOCS Current.pln | 9/19/25 | 10:07 AM

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



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

/Volumes/DCA/SERVER/Current Jobs DCA/GREENBERG RIVERBANK 2503/Drawing files/ArchiCAD Models/Riverbank CON DOCS Current.pln | 9/19/25 | 10:07 AM

New Residence for
MG Builders
23 Riverbank Road Weston, CT

DANIEL CONLON ARCHITECTS
84 DANBURY ROAD WILTON, CT
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com

Revisions

Change ID	Change Name	Date

Stamp

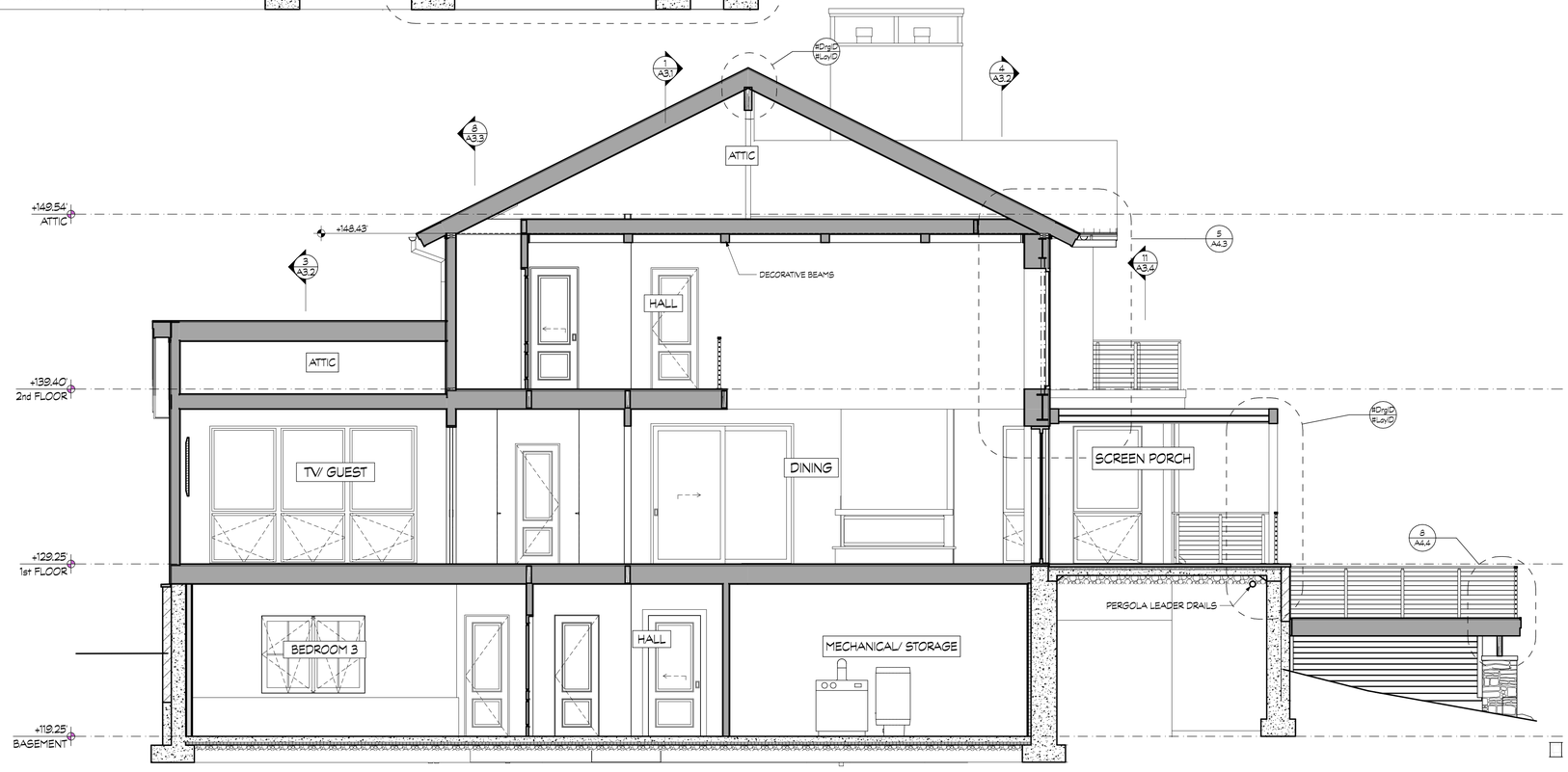
Issued for: PERMITS
Issue Date: 8/06/25

A2.2

Project #: 2503

1 E-W SECTION ENTRY

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



2 N-S DINING-TV/GUEST

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

DANIEL CONLON ARCHITECTS
84 DANBURY ROAD
WILTON, CT
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com

New Residence for
MG Builders
23 Riverbank Road
Weston, CT

Revisions

Change ID	Change Name	Date

Stamp

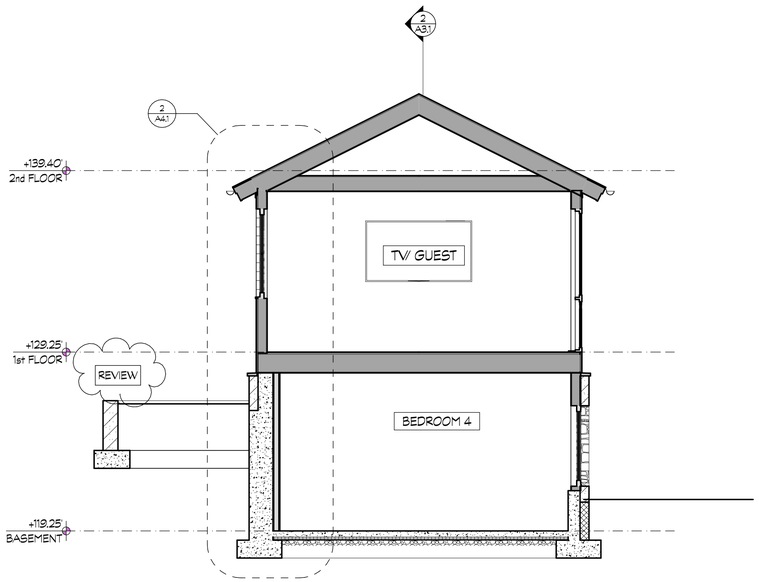
Issued for: PERMITS

Issue Date: 8/06/25

A3.1

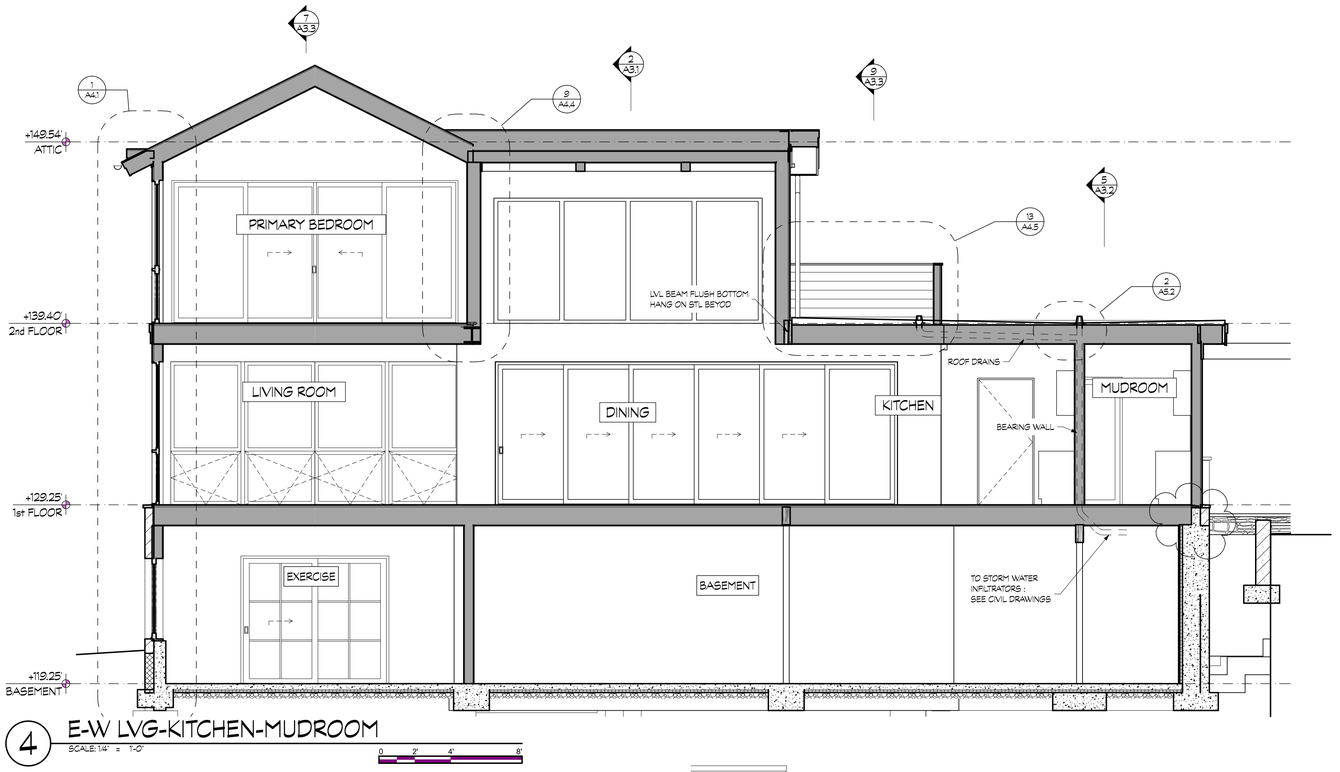
Project #: 2503

/Volumes/DCASERVER/Current Jobs DCA/GREENBERG RIVERBANK 2503/Drawing files/ArchiCAD Models/Riverbank CON DOCS Current.pln | 9/19/25 | 10:07 AM



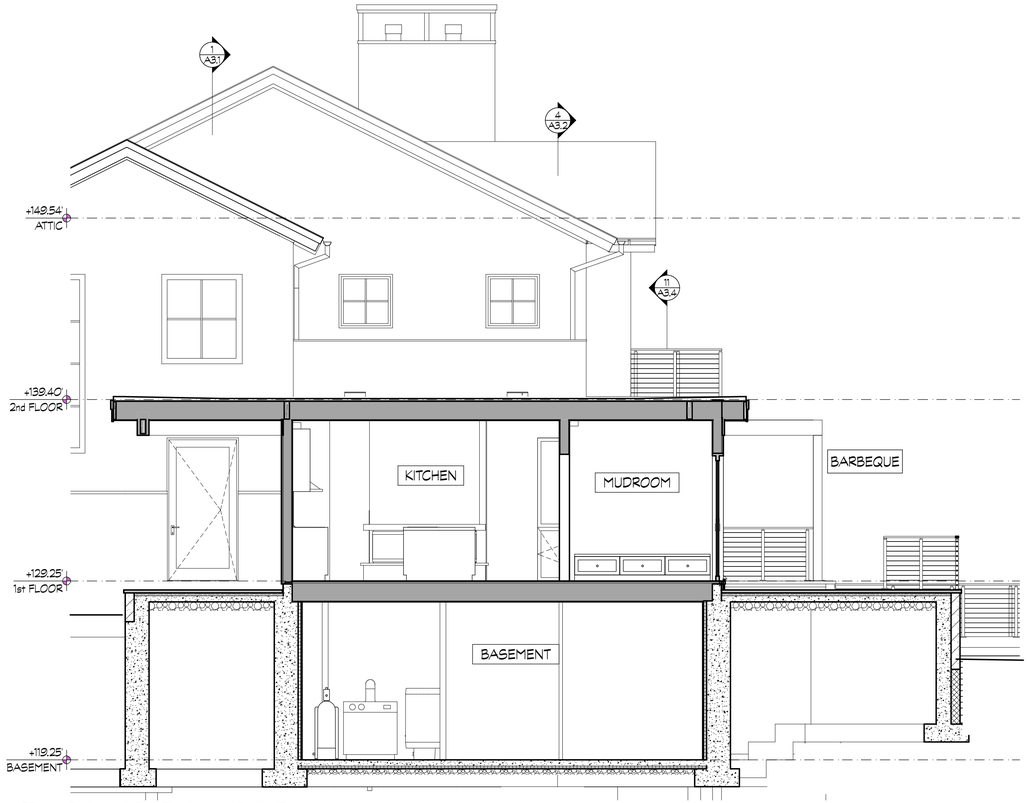
3 E-W GUEST/BEDROOM 3

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



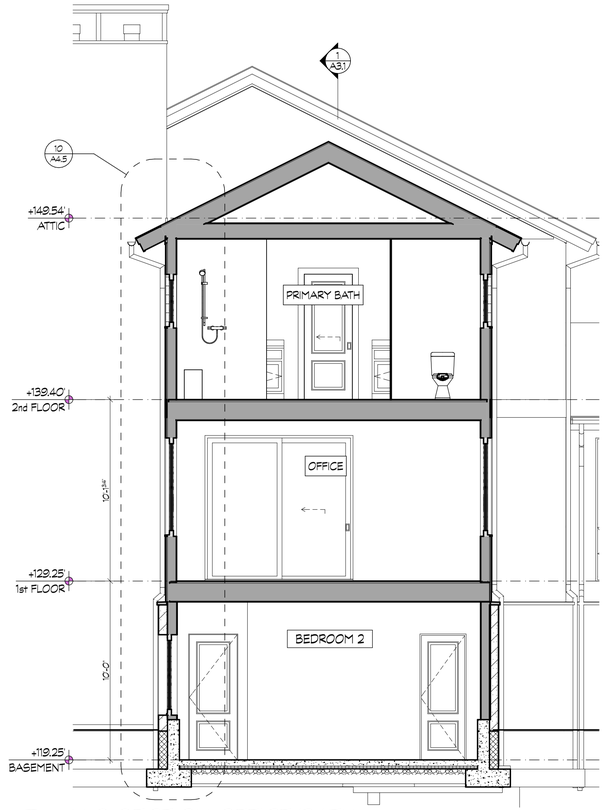
4 E-W LVG-KITCHEN-MUDROOM

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



5 E-W SECTION KITCHEN

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



6 N-S SECTION OFFICE/BATH

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

DANIEL CONLON ARCHITECTS
84 DANBURY ROAD
WILTON, CT
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com

New Residence for
MG Builders
23 Riverbank Road Weston, CT

Revisions

Change ID	Change Name	Date

Stamp

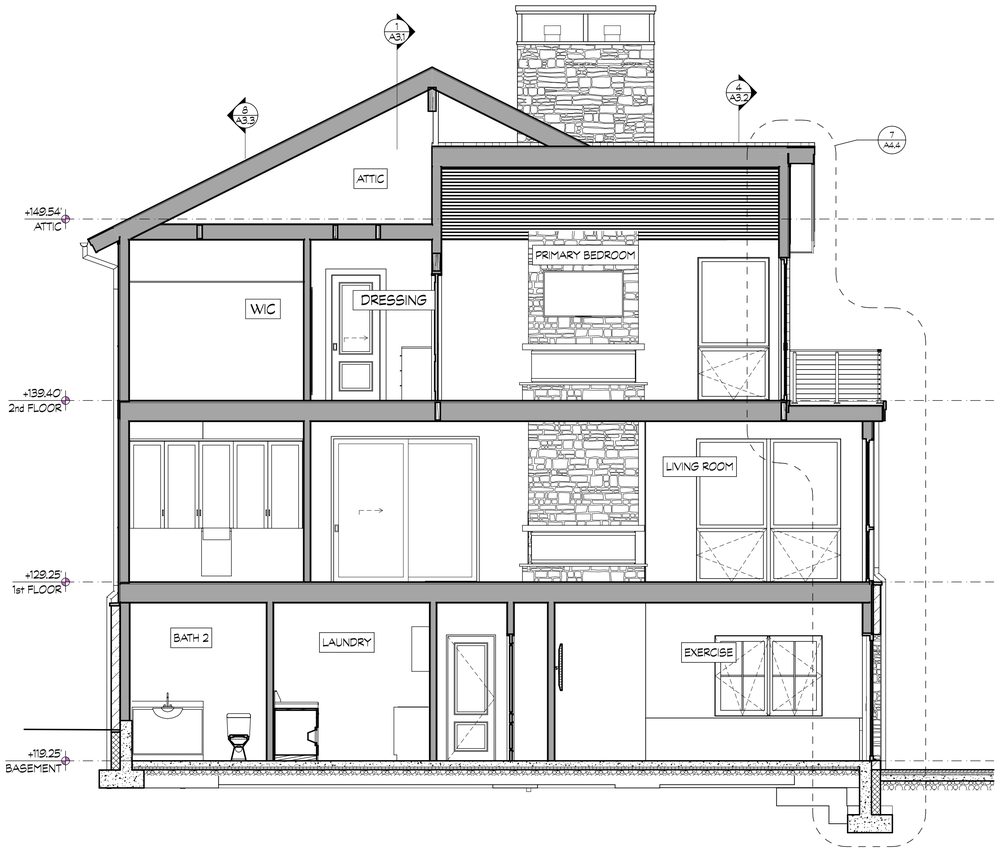
Issued for: PERMITS

Issue Date: 8/06/25

A3.2

Project #: 2503

\\Volumes\DCASERVER\Current Jobs DCA\GREENBERG RIVERBANK 2503\Drawing files\ArchiCAD Models\Riverbank CON DOCS Current.pln | 9/19/25 | 10:07 AM



7 N-S PRIMARY BDRM/ LIVING RM

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

8 E-W SECTION STAIRS

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

9 N-S KITCHEN-STAIR

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

DANIEL CONLON ARCHITECTS
84 DANBURY ROAD WILTON, CT
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com

New Residence for
MG Builders
23 Riverbank Road Weston, CT

Revisions

Change ID	Change Name	Date

Stamp

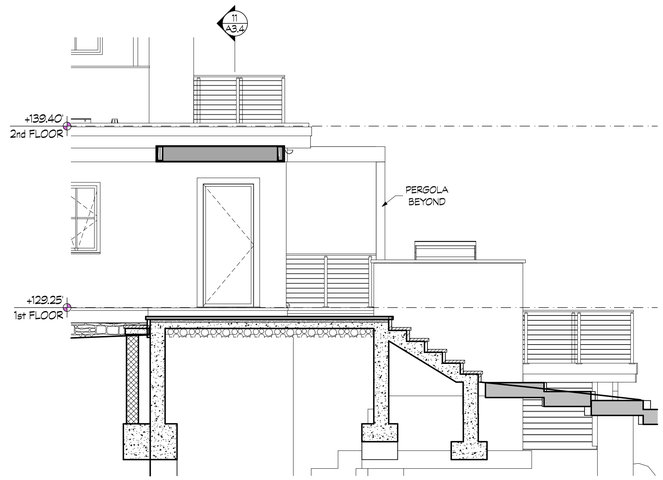
Issued for: PERMITS

Issue Date: 8/06/25

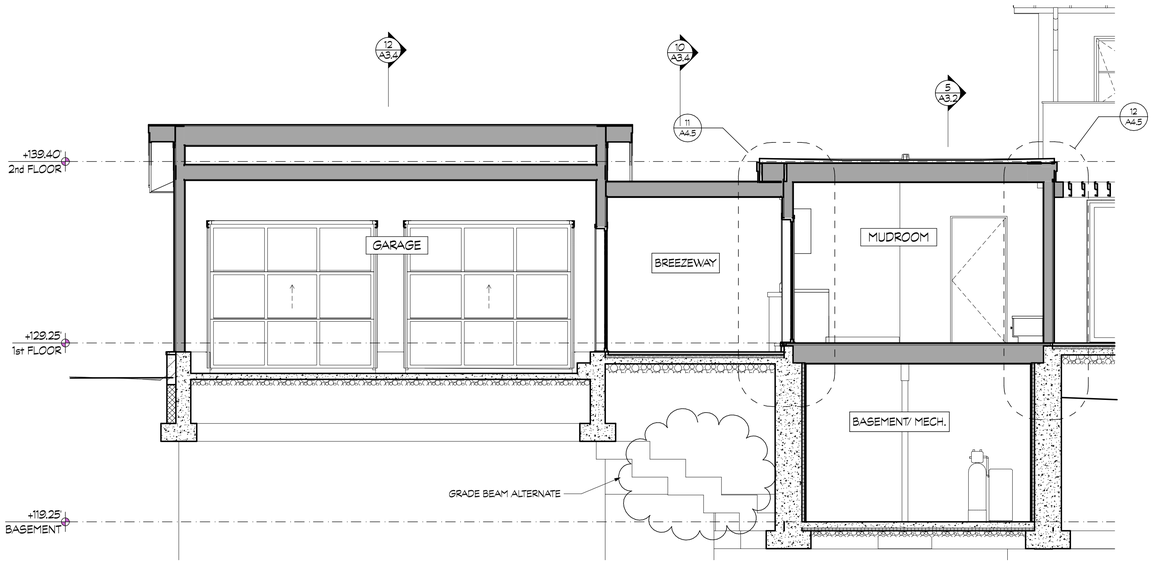
A3.3

Project #: 2503

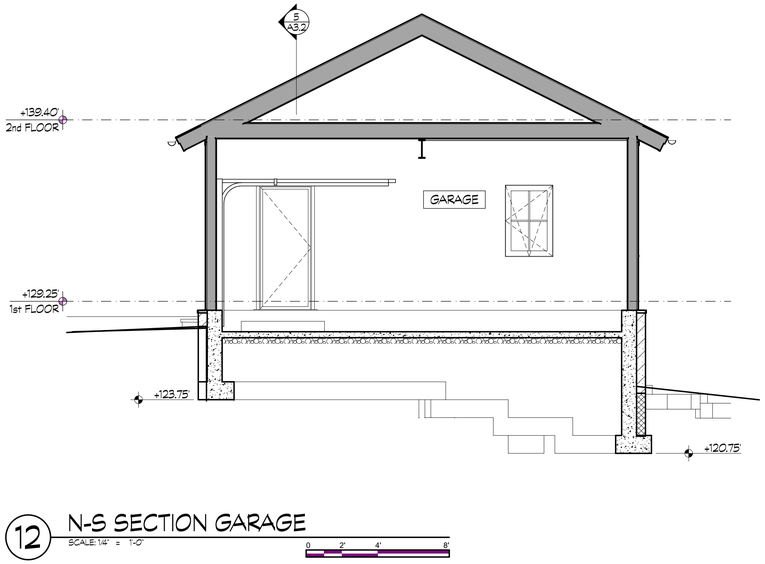
I:\Volumes\DCASERVER\Current Jobs DCA\GREENBERG RIVERBANK 2503\Drawing files\ArchiCAD Models\Riverbank CON DOCS Current.pln | 9/19/25 | 10:07 AM



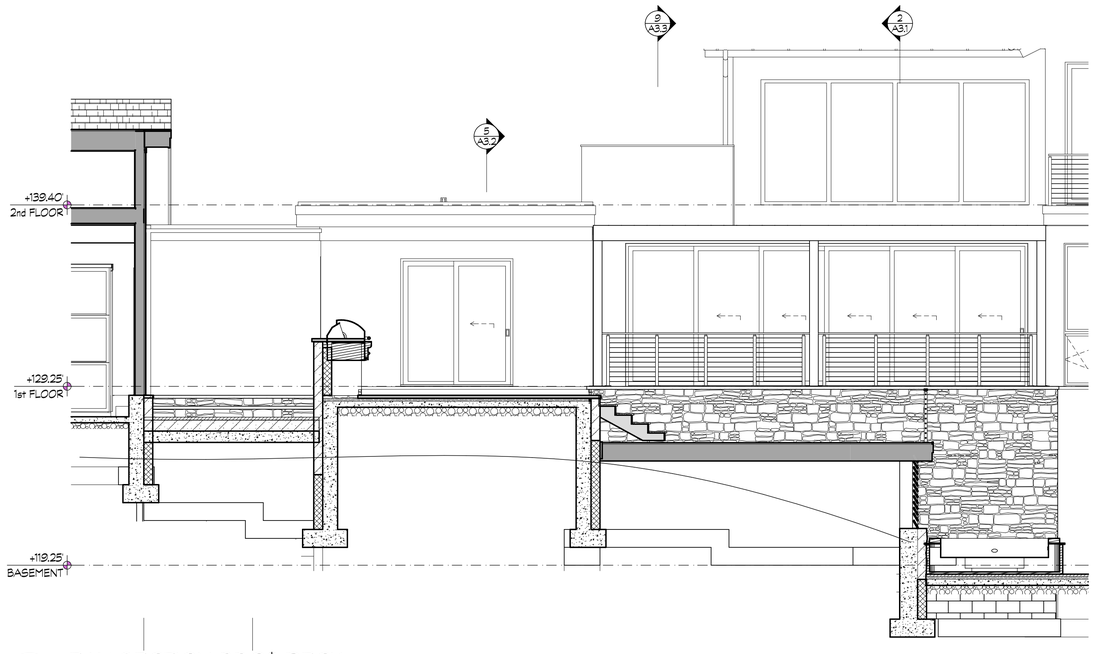
10 E-W SECTION @ BREEZEWAY
SCALE: 1/4" = 1'-0"



11 E-W GARAGE- MUDROOM
SCALE: 1/4" = 1'-0"



12 N-S SECTION GARAGE
SCALE: 1/4" = 1'-0"



13 E-W SECTION BBQ¢ DECK
SCALE: 1/4" = 1'-0"

DANIEL CONLON
ARCHITECTS
84 DANBURY ROAD
WILTON, CT
(203) 544-7988
P.O. Box 418
Georgetown CT
06829
dconlonarchitects.com

New Residence for
MG Builders
23 Riverbank Road Weston, CT

Revisions

Change ID	Change Name	Date

Stamp

Issued for: PERMITS
Issue Date: 8/06/25

A3.4

Project #: 2503

/Volumes/DCASERVER/Current Jobs DCA/GREENBERG RIVERBANK 2503/Drawing files/ArchiCAD Models/Riverbank CON DOCS Current.pln | 9/19/25 | 10:07 AM