

GRODZKI RESIDENCE

SEAL:

PROJECT NAME:

"PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED AND/OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 6122-R, EXPIRATION DATE: AUGUST 8, 2012"

304 ELLSWORTH DR.
SILVER SPRING, MD 20910
LYNN & TAD GRODZKI
RESIDENCE

REVISIONS
NO. 02 / 28 / 15

DESIGNED BY: TADEO GRODZKI

DRAWN BY: EYOB ALEMNEW

DATE:

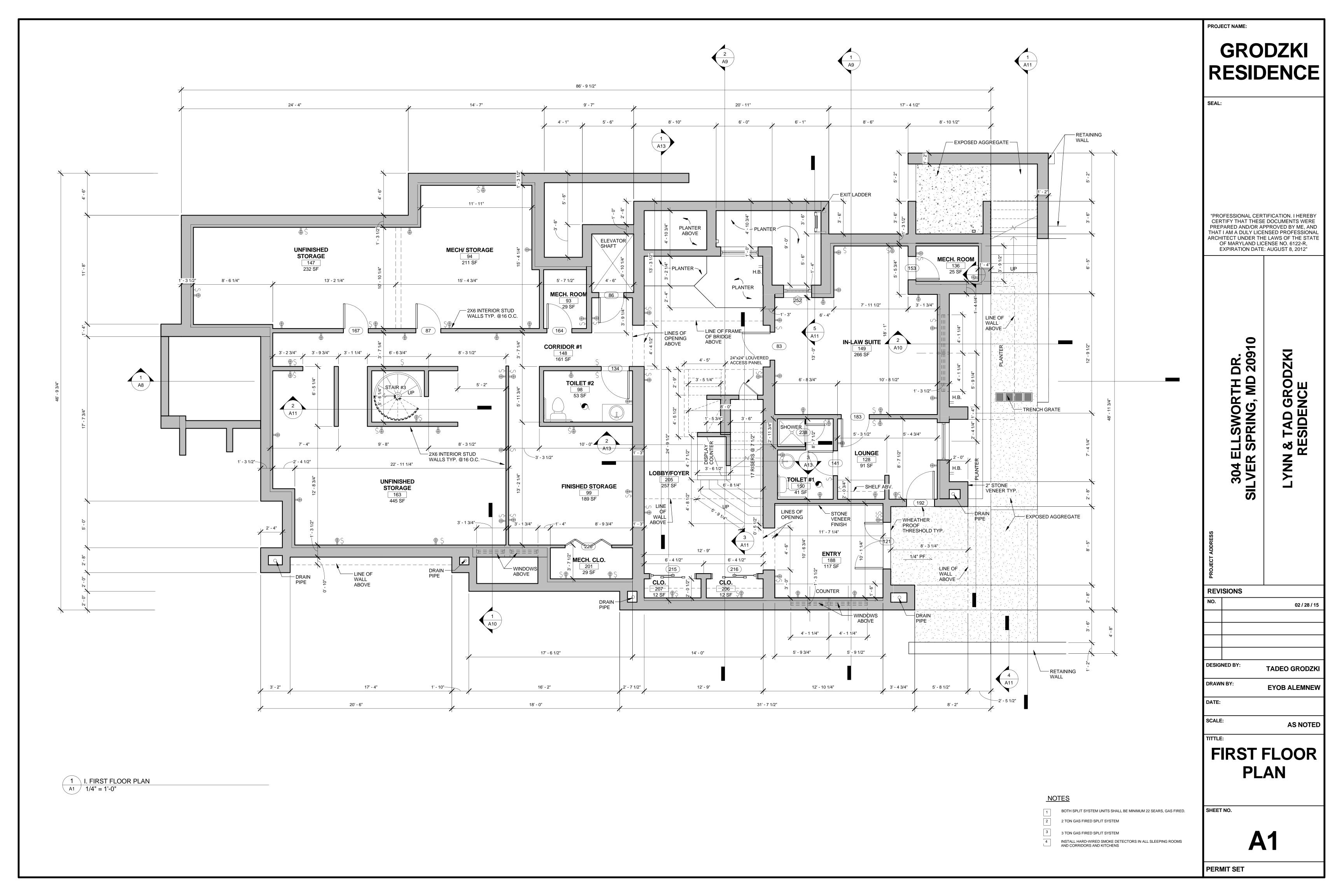
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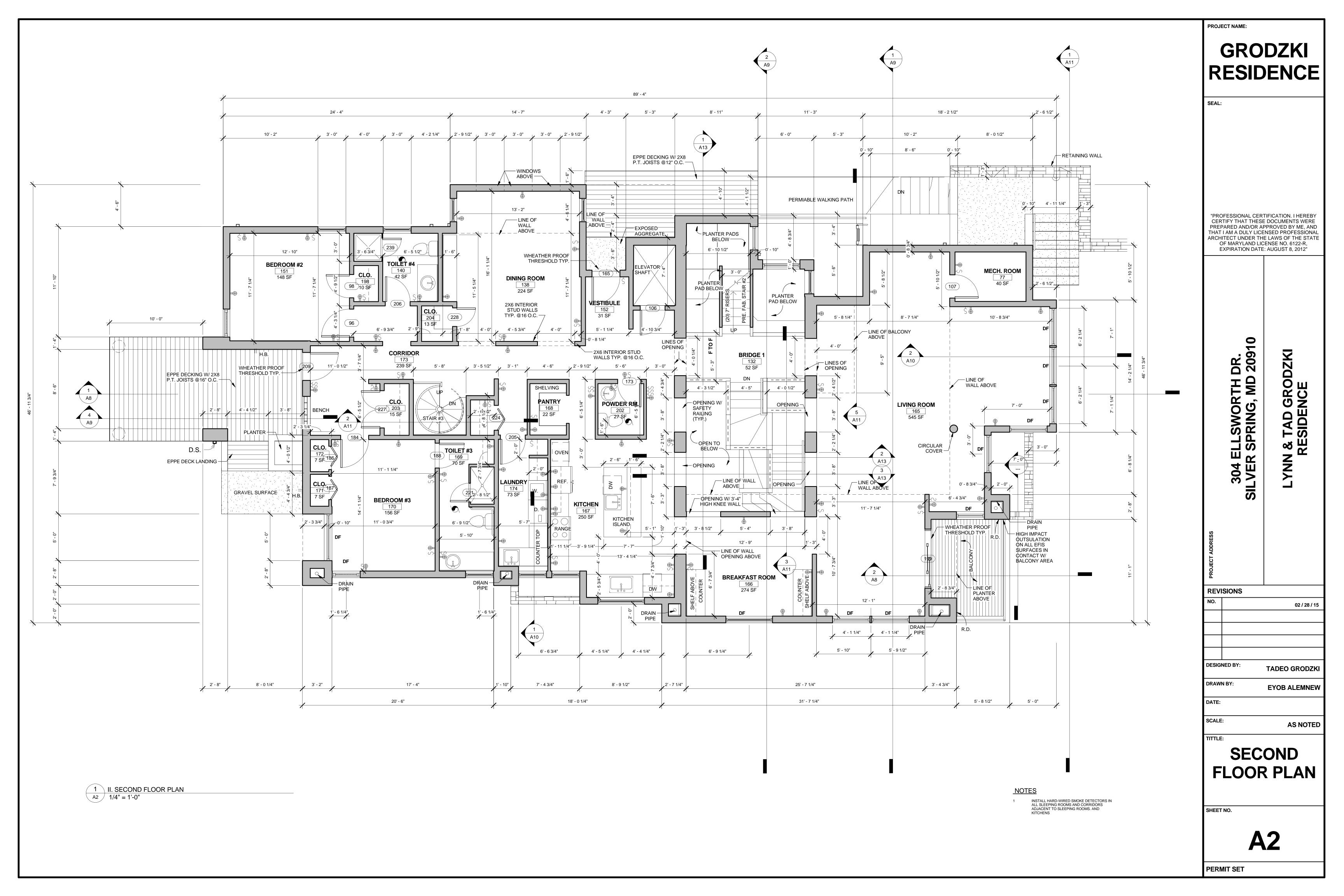
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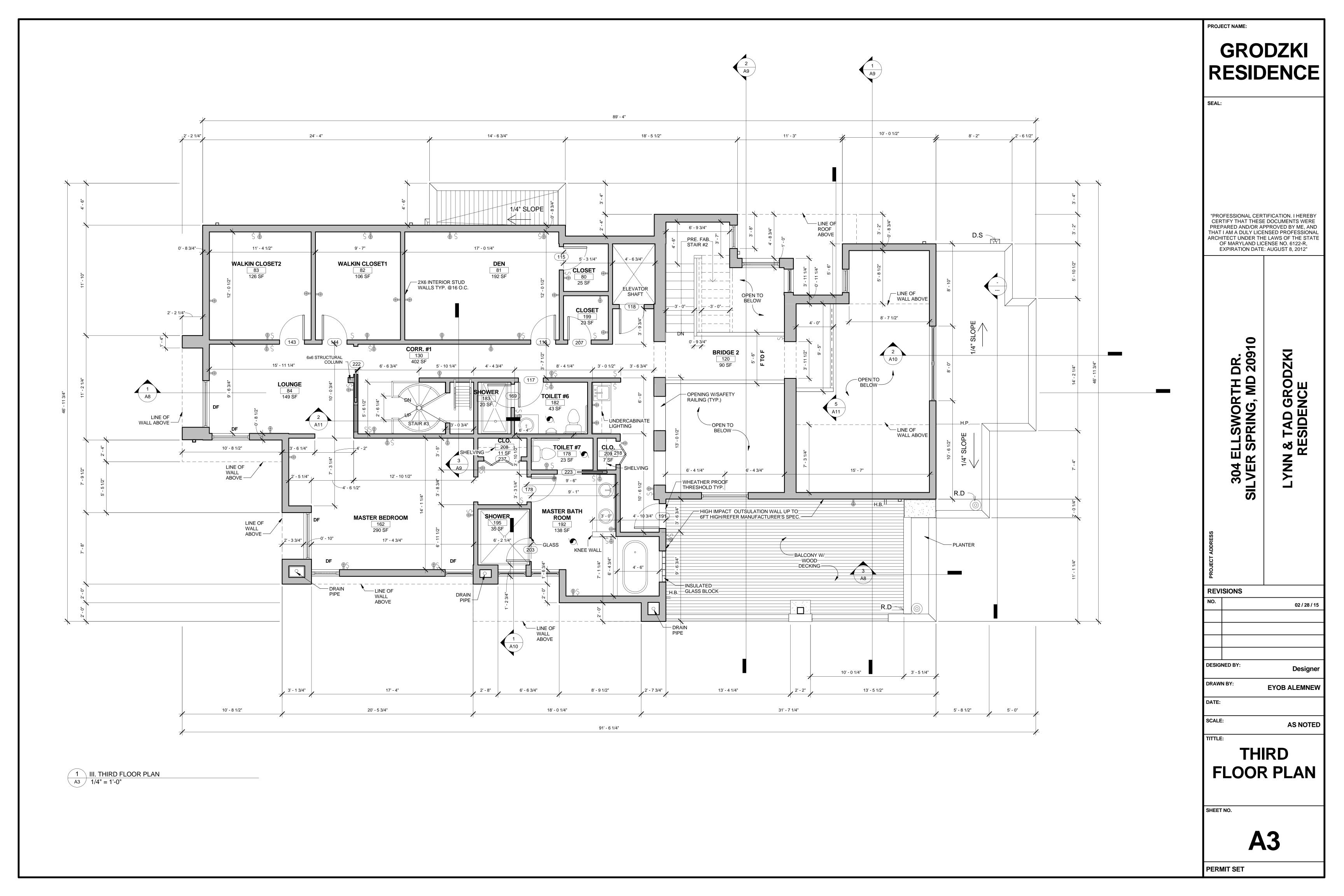
SITE PLAN

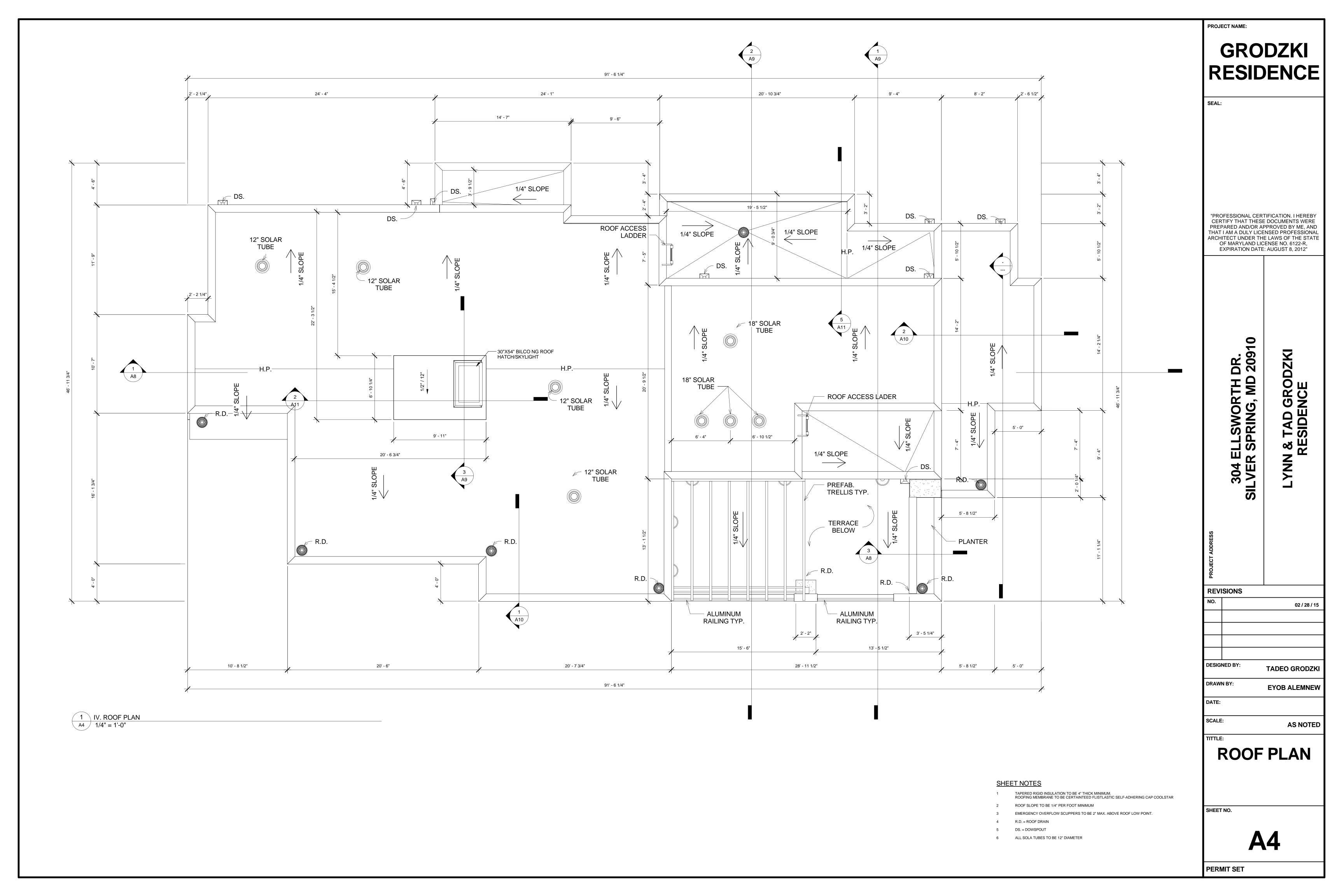
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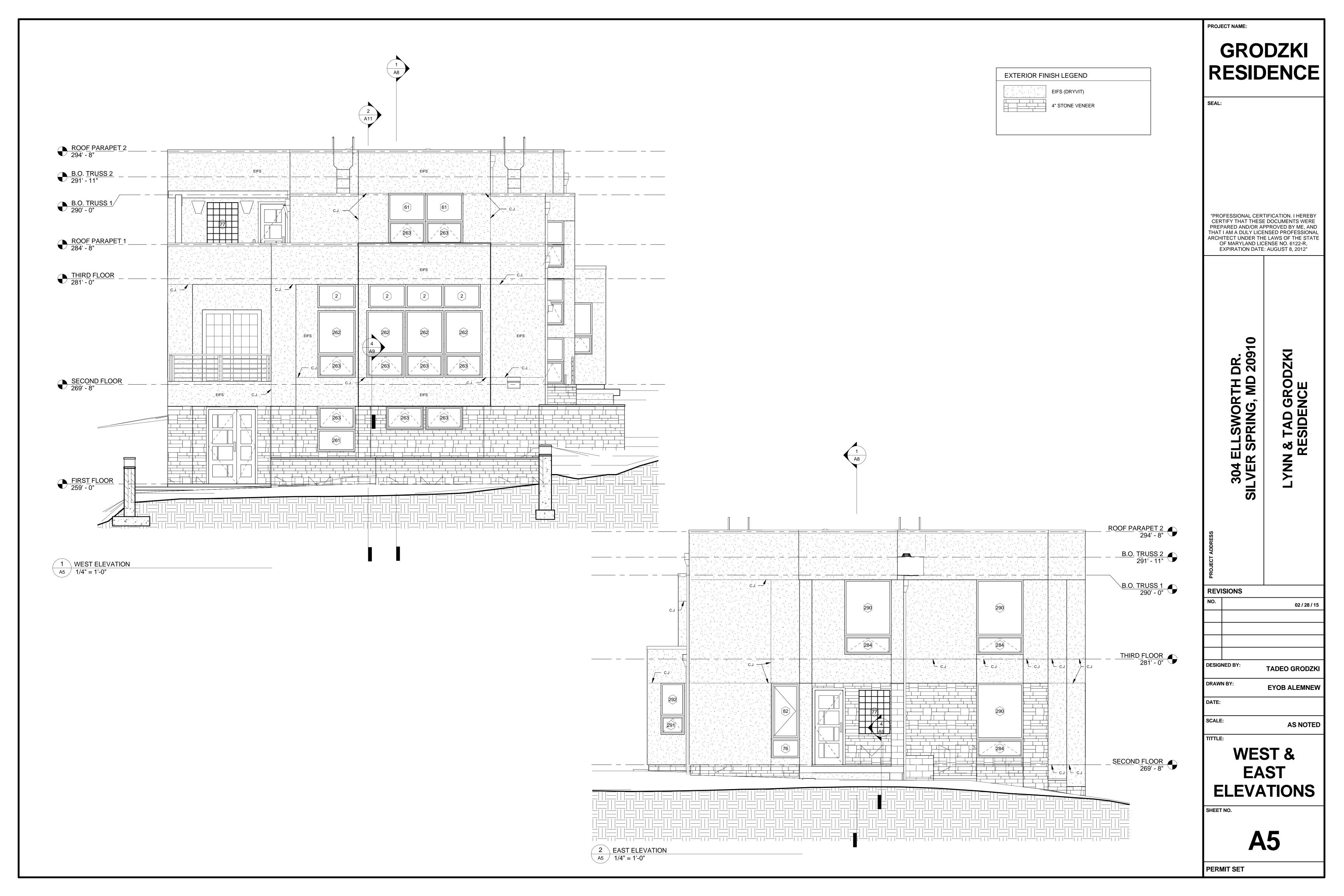
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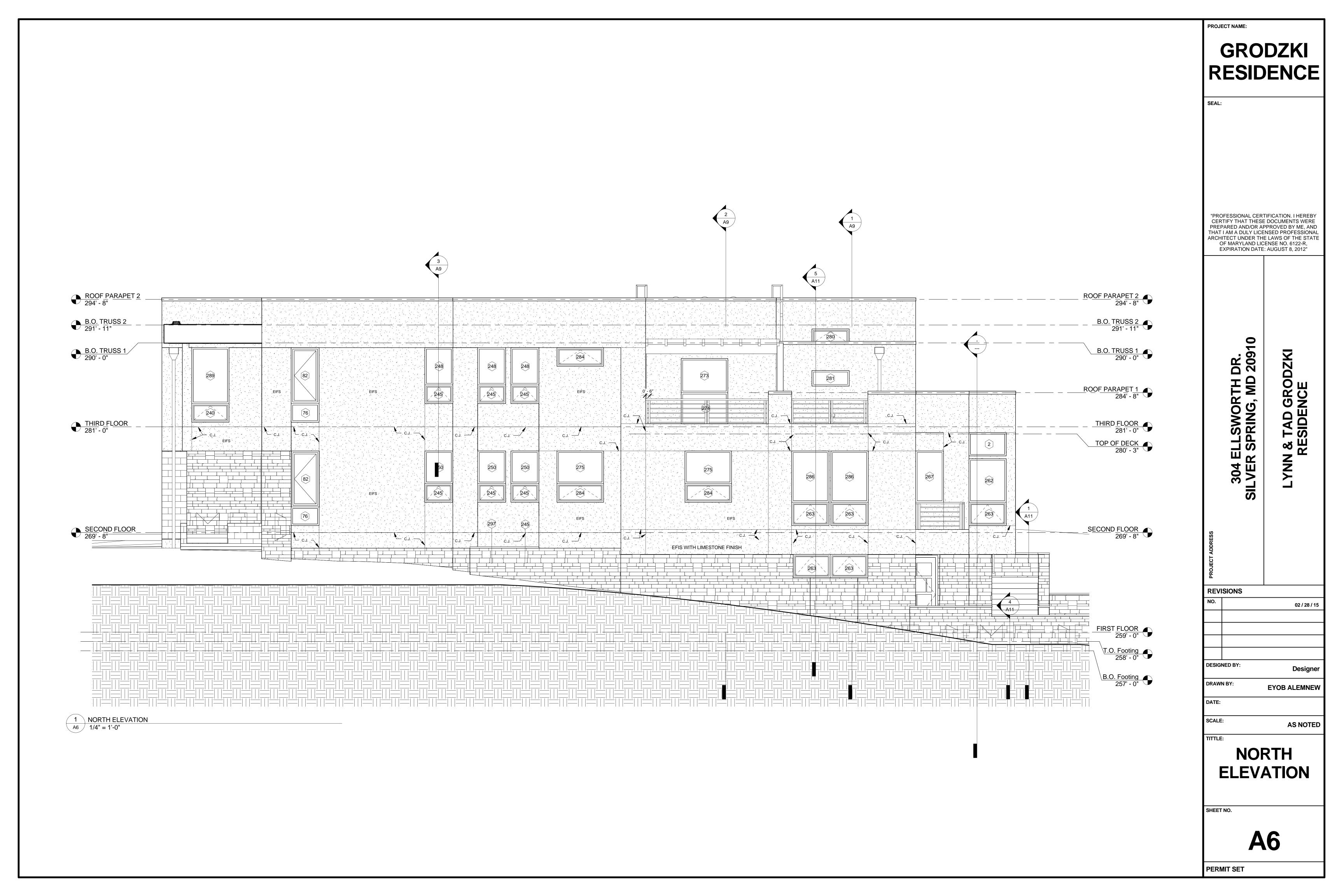


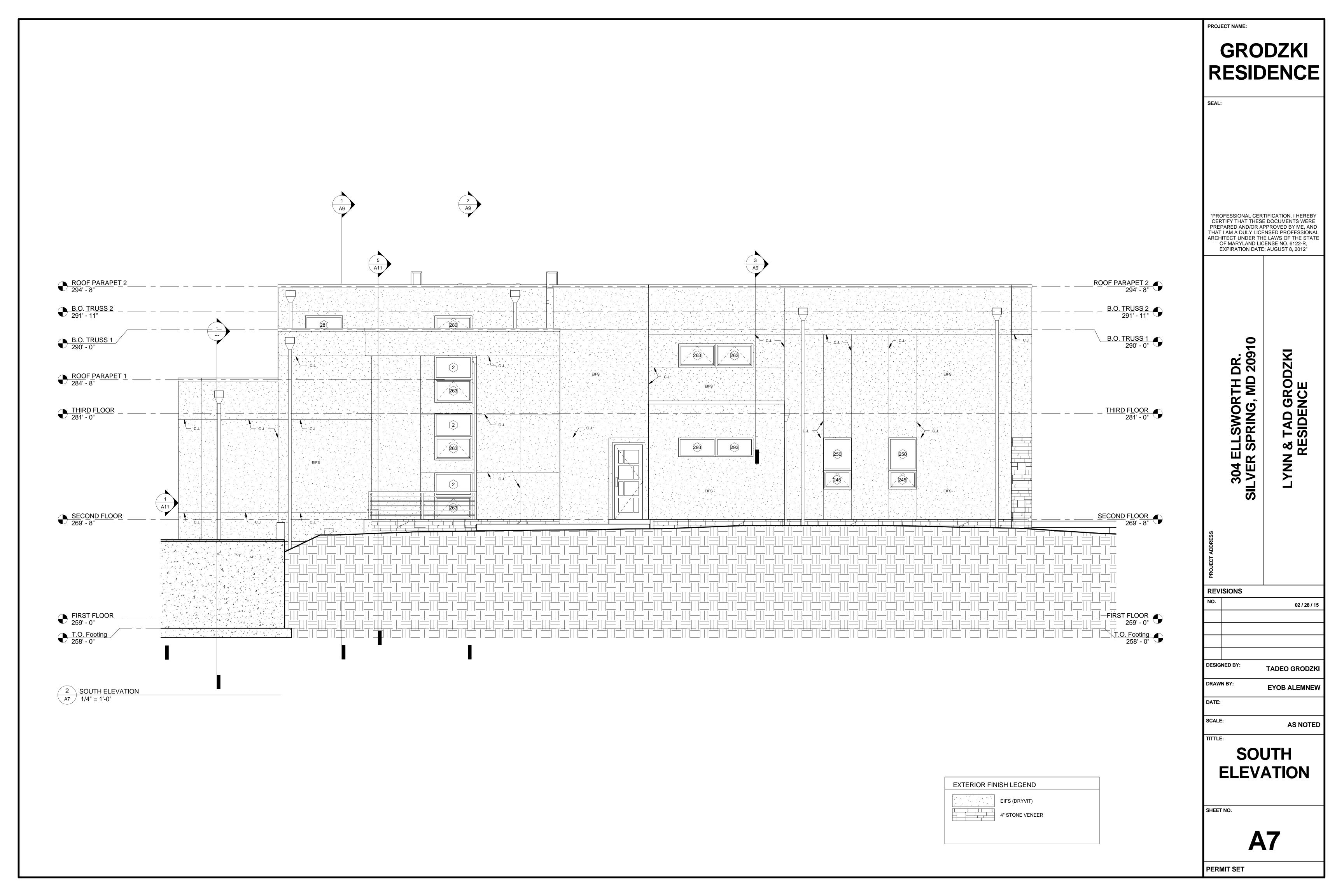


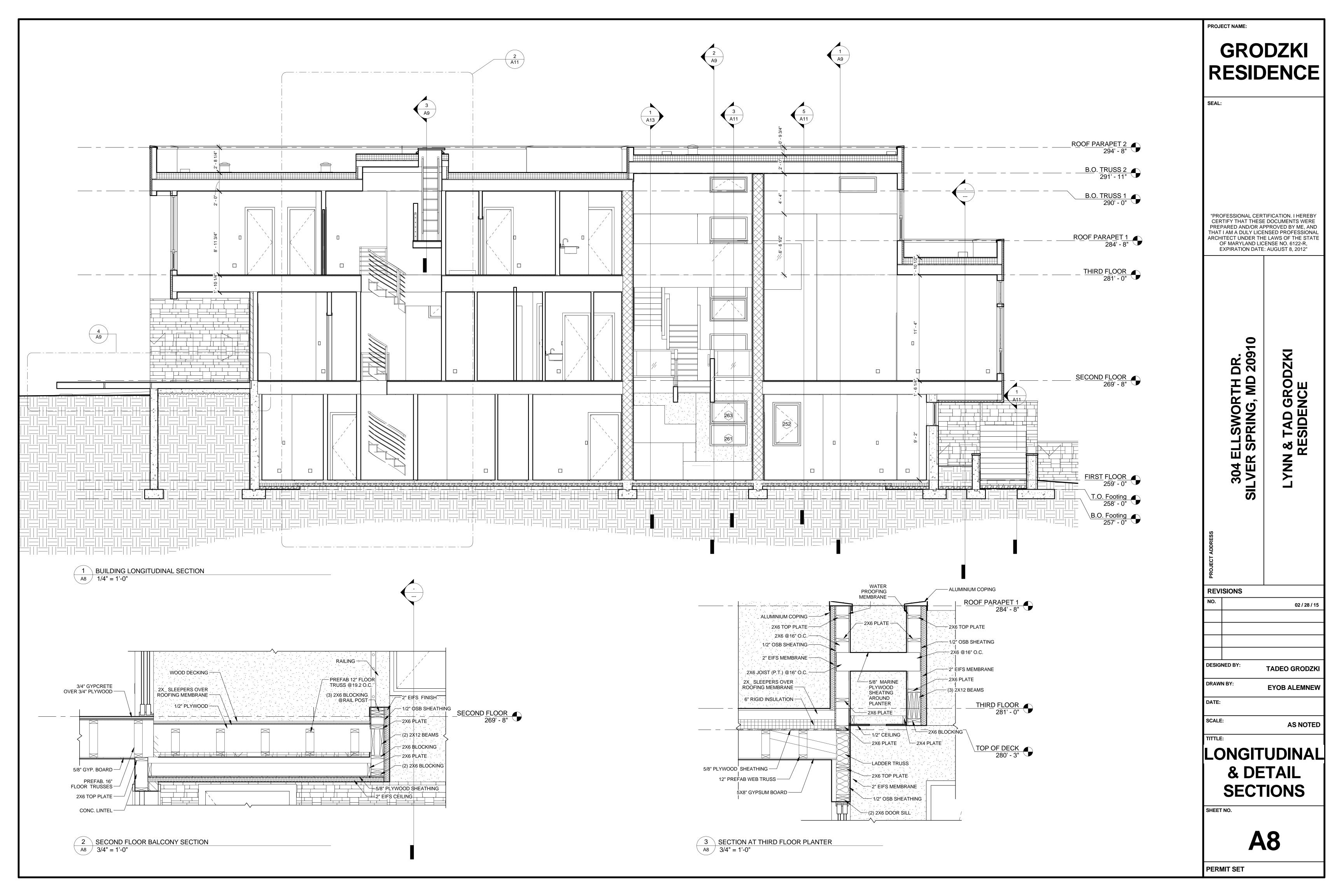


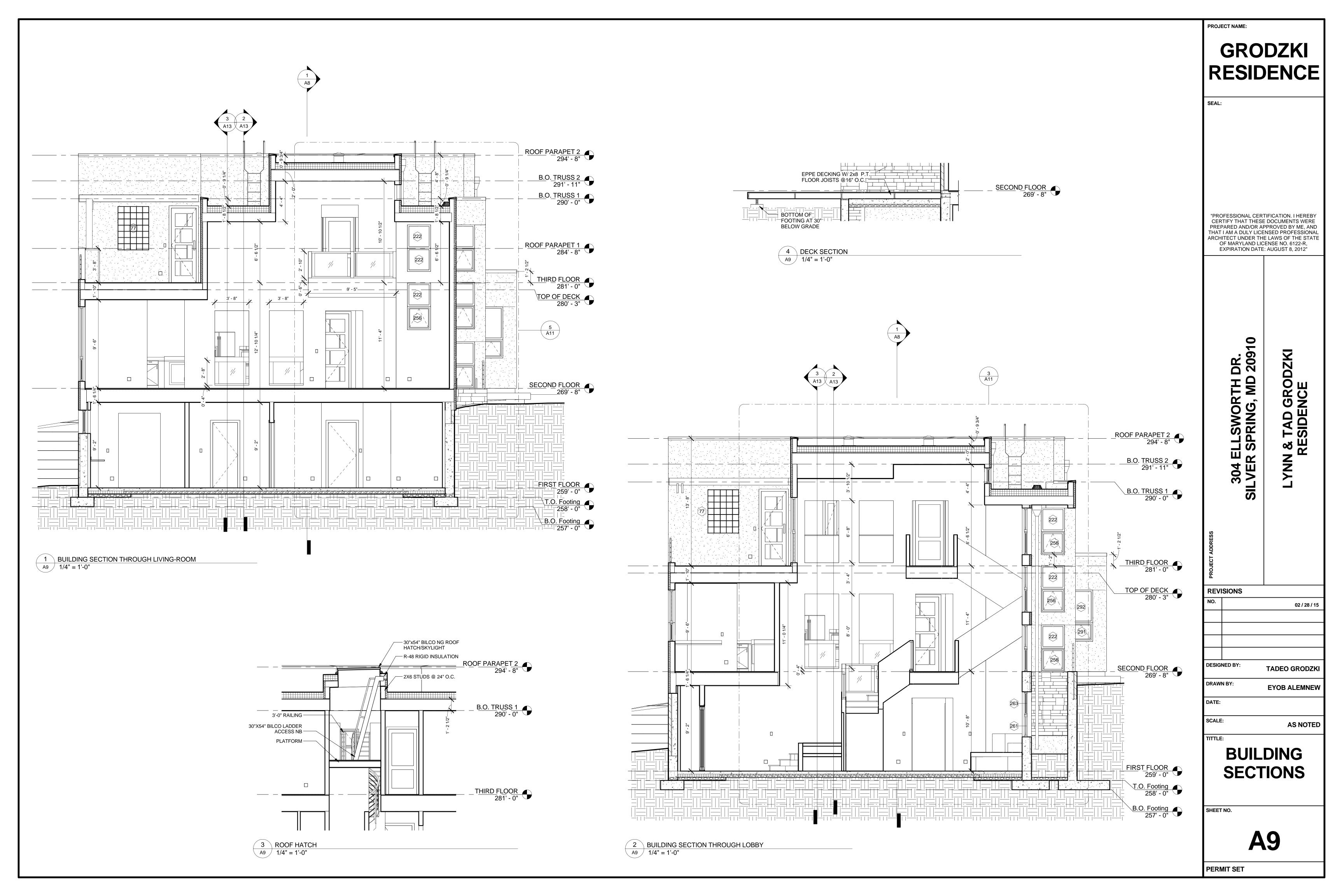


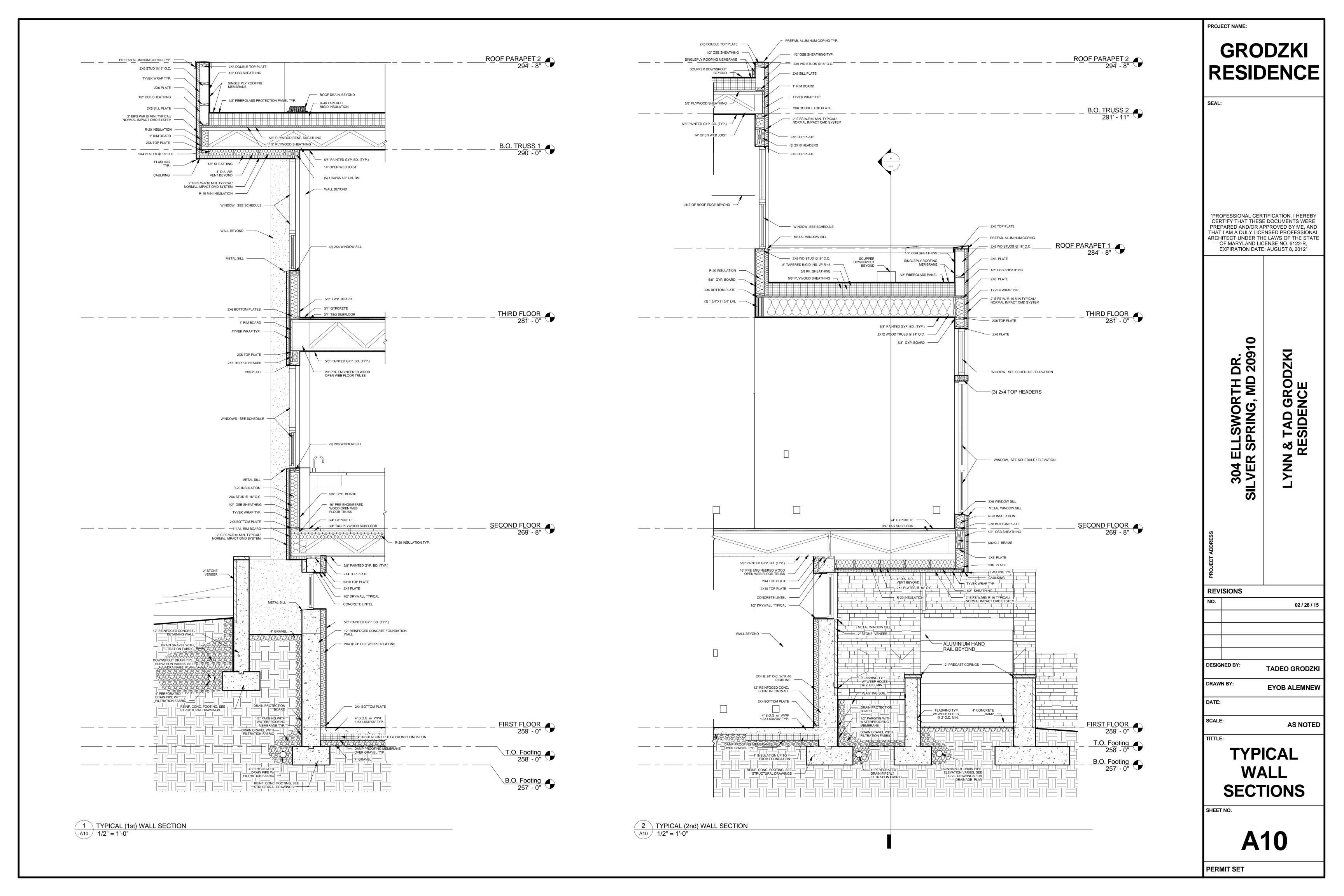


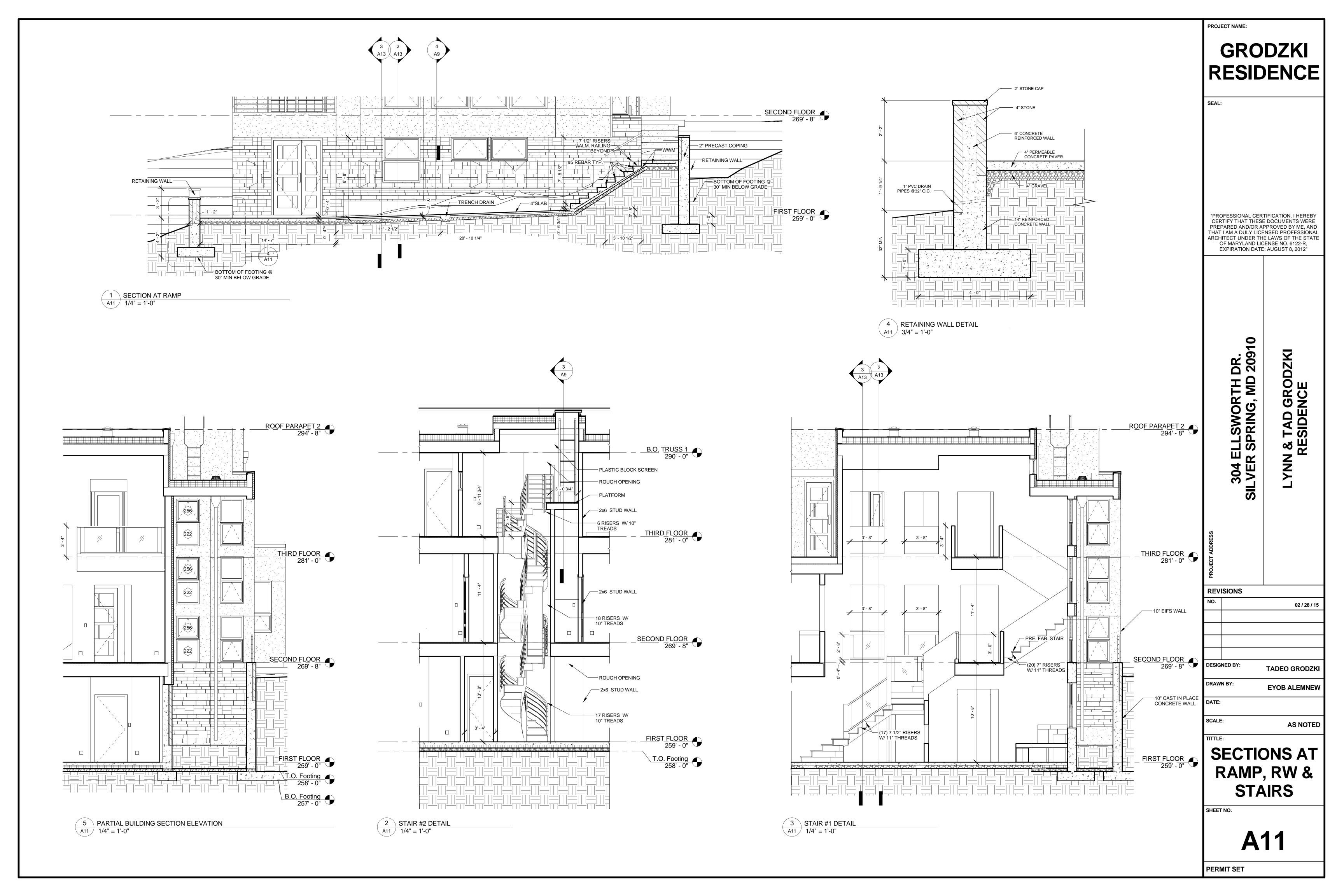










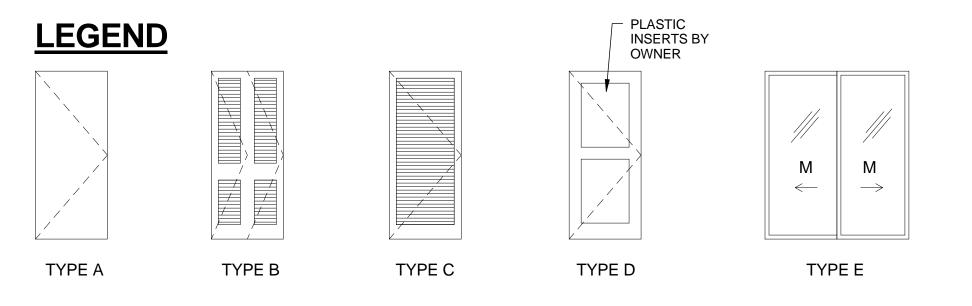


	Window Schedule									
		Opening	Glazing		_	Exterior			Interior	•
Type Mark	Width	Height	Туре	Count	Туре	Glazing	Model	Material	Finish	Comments
2	4' - 0"	2' - 6"		8	Custom 1 Panel					
61	4' - 0"	3' - 0"		2	Custom 1 Panel					
76	3' - 0"	2' - 0"		3	Custom 1 Panel					
77	3' - 4"	4' - 8 1/4"		2	Glass Block Window					
82	3' - 0"	6' - 0"		3	Casement					
156	1' - 0"	0' - 11"		8	SOLATUBE					
222	2' - 6"	2' - 6"		9	Custom 1 Panel					
240	4' - 0"	2' - 0"		1	Awning					
245	3' - 0"	2' - 0"		9	Awning					
248	3' - 0"	4' - 0"		3	Custom 1 Panel					
250	3' - 0"	3' - 6"		5	Custom 1 Panel					
252	3' - 0"	4' - 8"		1	Casement					
256	2' - 6"	2' - 6"		7	Awning					
261	4' - 0"	2' - 4"		2	Custom 1 Panel					
262	4' - 0"	4' - 8"		5	Custom 1 Panel					
263	4' - 0"	2' - 6"		20	Awning					
267	3' - 0"	5' - 6"		1	Custom 1 Panel					
273	5' - 0"	3' - 8"		1	Custom 1 Panel					
274	5' - 0"	3' - 4"		1	Custom 1 Panel					
275	5' - 0"	3' - 6"		2	Custom 1 Panel					
280	4' - 0"	1' - 8"		2	Awning					
281	4' - 0"	1' - 8"		2	Custom 1 Panel					
284	5' - 0"	2' - 0"		6	Awning					
286	4' - 0"	5' - 6"		2	Custom 1 Panel					
289	4' - 0"	6' - 0"		1	Custom 1 Panel					
290	5' - 0"	6' - 0"		3	Custom 1 Panel					
291	2' - 6"	2' - 0"		2	Awning					
292	2' - 6"	3' - 6"		2	Custom 1 Panel					
293	4' - 0"	2' - 0"		2	Custom 1 Panel					
297	3' - 0"	2' - 0"		1	Awning				2 PP	
298	3' - 0"	2' - 0"		1	Awning					

DF: UNFINISHED DOUGLAS FUR PP: PRIMED PINE

ALL GLAZING TO BE ENERGY RATED. COORDINATE ACTUAL WINDOW DIMENSIONS WITH MANUFACTURER.

					Door Sche	edule			
Door	Details								
Number	Door Size	Level	Manufacturer	Model	Frame Type Fire Rating	Head	Jamb	Sill	Description
83	36" x 84"	FIRST FLOOR			TYPE A				
86	32" x 84"	FIRST FLOOR			TYPE D/ CLR				
87	32" x 84"	FIRST FLOOR			TYPE A				
121	36" x 96"	FIRST FLOOR			EXTERIOR				
134	36" x 84"	FIRST FLOOR			TYPE A				
141	32" x 84"	FIRST FLOOR			TYPE A				
153	30" x 84"	FIRST FLOOR			TYPE C				
164	32" x 84"	FIRST FLOOR			TYPE C				
167	32" x 84"	FIRST FLOOR			TYPE A				
183	36" x 84"	FIRST FLOOR			TYPE A				
192	36" x 96"	FIRST FLOOR			EXTERIOR				
215	60" x 84"	FIRST FLOOR			TYPE E				
216	60" x 84"	FIRST FLOOR			TYPE E				
226	60" x 84"	FIRST FLOOR			TYPE B / 2 DOORS				
238	24" x 70"	FIRST FLOOR			SHOWER GLASS DOOR				
00	0.011 0.411				7.05 4		I		
	36" x 84"	SECOND FLOOR			TYPE A				
	30" x 84"	SECOND FLOOR			TYPE C				
106	32" x 84"	SECOND FLOOR			TYPE D/CLR				
107	30" x 84"	SECOND FLOOR			TYPE C				
165	36" x 96"	SECOND FLOOR			EXTERIOR				
	30" x 84"	SECOND FLOOR			TYPE A				
184	36" x 84"	SECOND FLOOR			TYPE A				
186	30" x 84"	SECOND FLOOR			TYPE B				
	30" x 84"	SECOND FLOOR			TYPE B				
188	32" x 84"	SECOND FLOOR			TYPE A				
199	76" x 96"	SECOND FLOOR			EXTERIOR				
205	32" x 84"	SECOND FLOOR			TYPE A				
206	32" x 84"	SECOND FLOOR			TYPE A				
209	36" x 96"	SECOND FLOOR			EXTERIOR				
221	24" x 84"	SECOND FLOOR			SHOWER GLASS DOOR				
224	32" x 84"	SECOND FLOOR			TYPE B				
227	48" x 84"	SECOND FLOOR			TYPE C / 2 DOORS				
228	24" x 84"	SECOND FLOOR			TYPE C				
239	24" x 70"	SECOND FLOOR			SHOWER GLASS DOOR				
115	30" x 84"	THIRD FLOOR			TYPE C				
116	32" x 84"	THIRD FLOOR			TYPE A				
117	32" x 84"	THIRD FLOOR			TYPE A				
118	32" x 84"	THIRD FLOOR			TYPE D/CLR				
143	32" x 84"	THIRD FLOOR			TYPE A				
	32" x 84"	THIRD FLOOR			TYPE A				
169	30" x 72"	THIRD FLOOR			SHOWER GLASS DOOR				
178	32" x 84"	THIRD FLOOR			TYPE A				
191	32" x 96"	THIRD FLOOR			EXTERIOR				
203	30" x 72"	THIRD FLOOR			SHOWER GLASS DOOR				
207	30" x 84"	THIRD FLOOR			TYPE C				
	30" x 84"	THIRD FLOOR			TYPE B				
	36" x 84"	THIRD FLOOR			TYPE D/FROSTED				
223	32" x 84"	THIRD FLOOR			TYPE D/FROSTED				
237	48" x 84"	THIRD FLOOR			TYPE A				
231	70 A 0 4	THIND I LOOK			TIFEA				



SOLID CORE WOOD VENEER DOOR

WOOD VENEER LOUVERED DOOR

WOOD VENEER LOUVERED DOOR

WOOD VENEER POCKET & ELEVATOR DOOR

SLIDING MIRROR DOOR

PROJECT NAME: **GRODZKI** RESIDENCE SEAL: "PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED AND/OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 6122-R, EXPIRATION DATE: AUGUST 8, 2012" 304 ELLSWORTH DR. SILVER SPRING, MD 20910 LYNN & TAD GRODZKI RESIDENCE REVISIONS 02 / 28 / 15

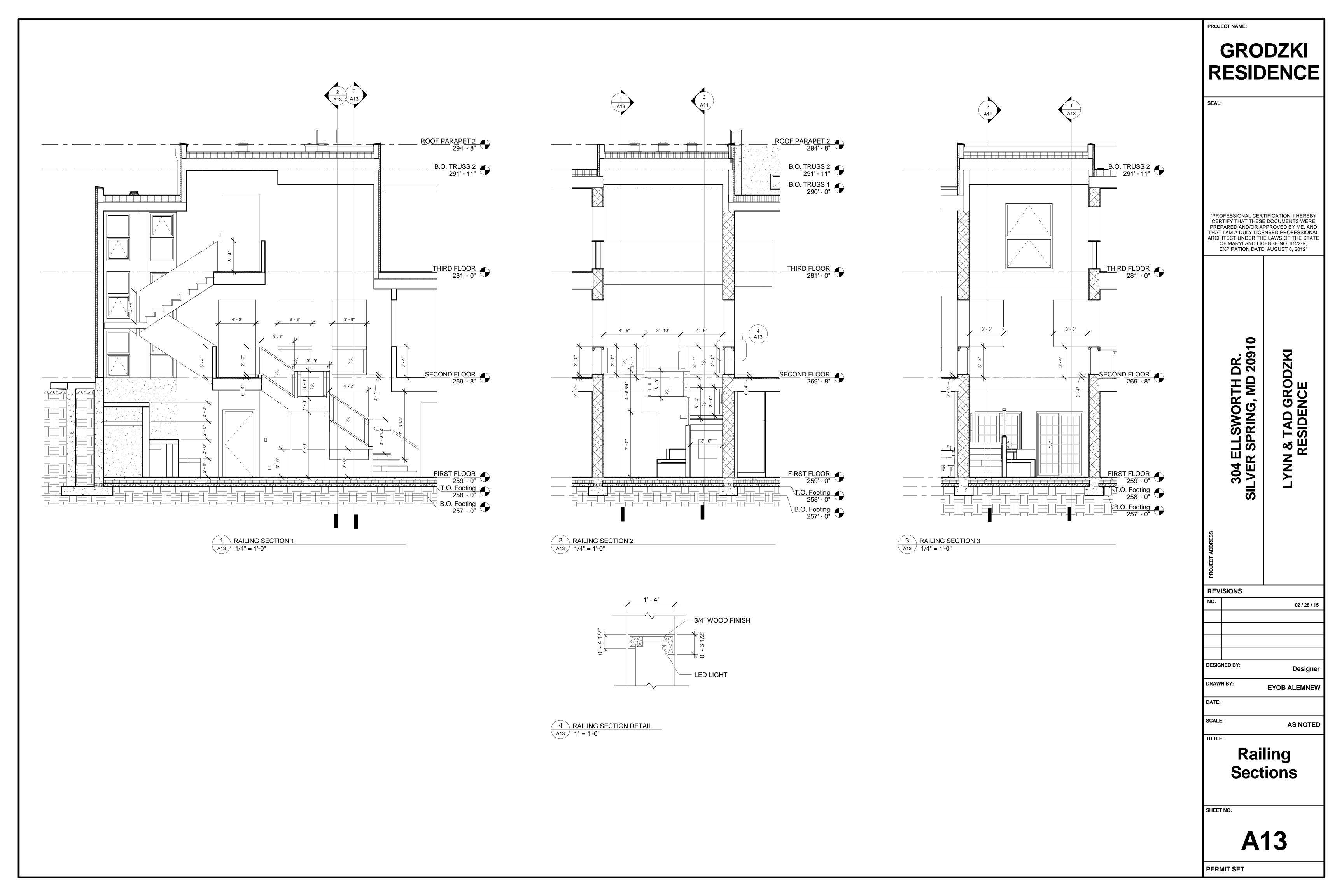
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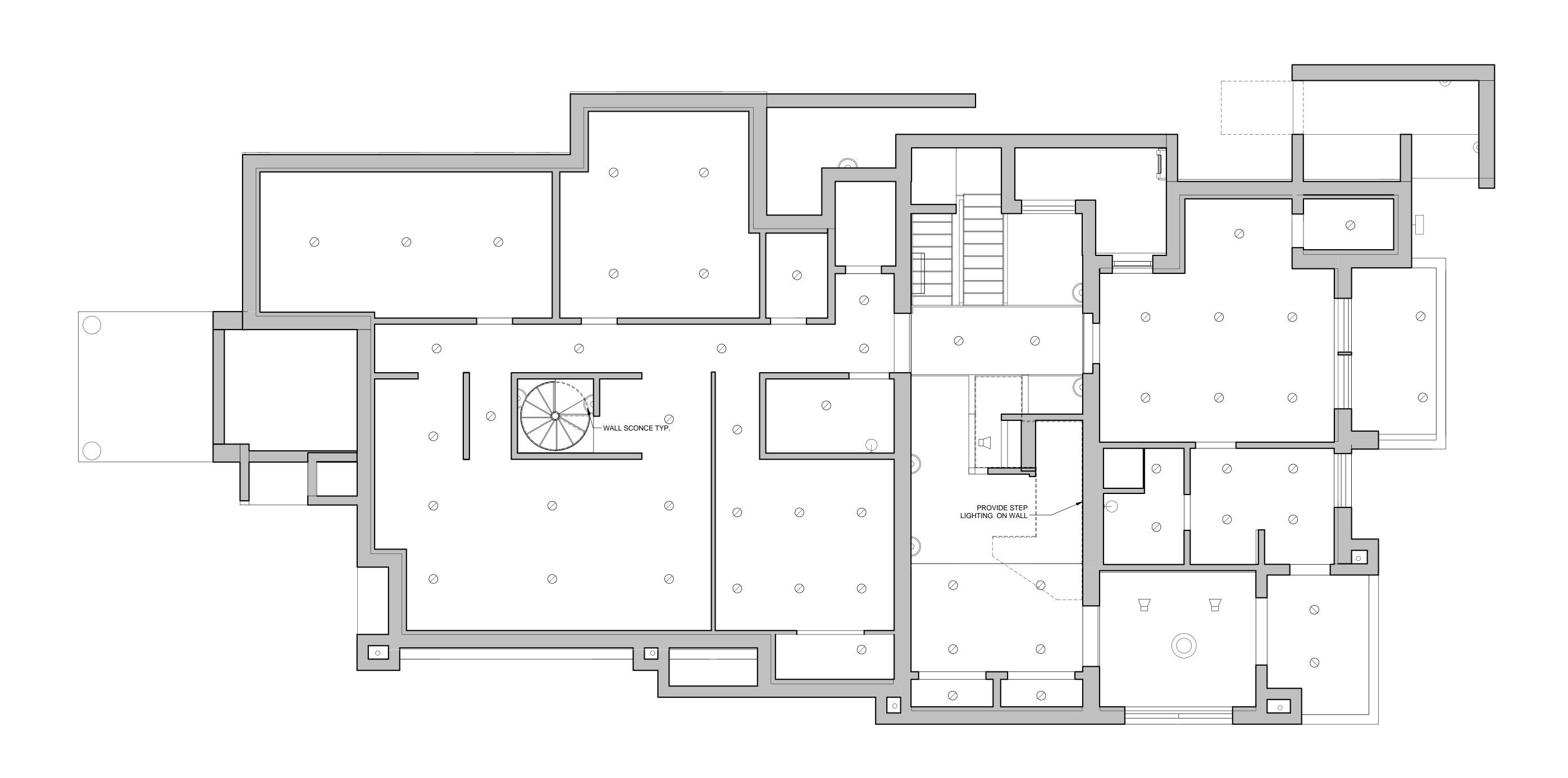
SCALE:

AS NOTED

SCHEDULES

SHEET NO.





1 FIRST FLOOR RCP
A14 1/4" = 1'-0"

<u>LEGENDS</u>

RECESSED CAN LIGHT

CEILING MOUNT FLOOD LIGHT

SCONCE

WALL PACK LIGHT/EXTERIOR

VANITY LIGHT

SOLAR TUBE

CHANDELIER

LED FLOOD LIGHT

STEP LIGHT

GRODZKI RESIDENCE

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NO. 02 / 28 / 15

DESIGNED BY:

Designer

DRAWN BY:

EYOB ALEMNEW

DATE:

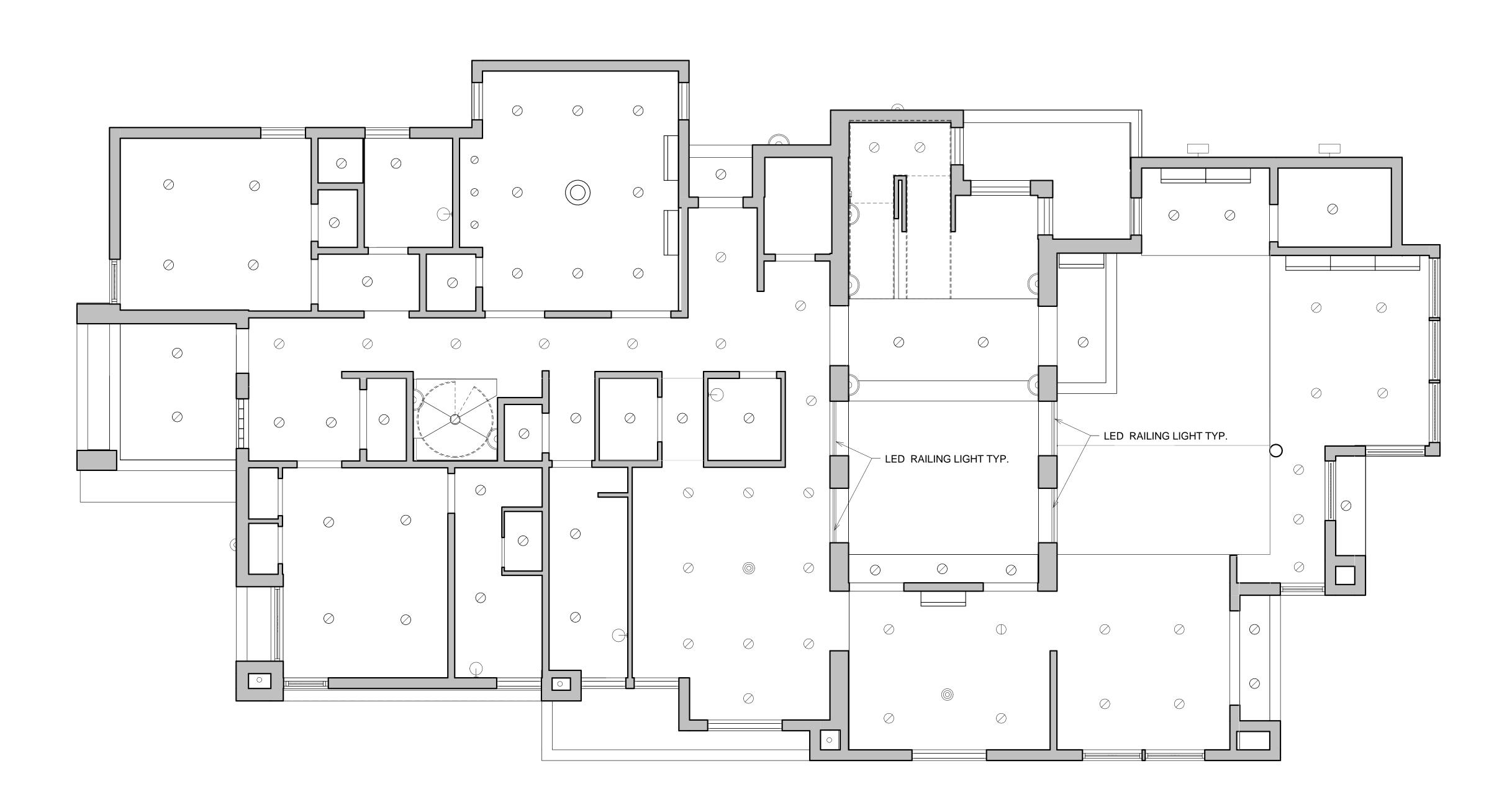
SCALE: AS NOTED

TITTLE

FIRST FLOOR RCP

SHEET NO.

A14



1 SECOND FLOOR RCP A15 1/4" = 1'-0"

<u>LEGENDS</u>

\bigcirc	RECESSED CAN LIGHT
	SCONCE
\bigcirc	VANITY LIGHT
H	WALL PACK LIGHT/EXTERIOR
	SOLAR TUBE
	STEP LIGHT
	CHANDELIER
	PENDANT LIGHT
	LED FLOOD LIGHT

RAILING LED LIGHT

GRODZKI

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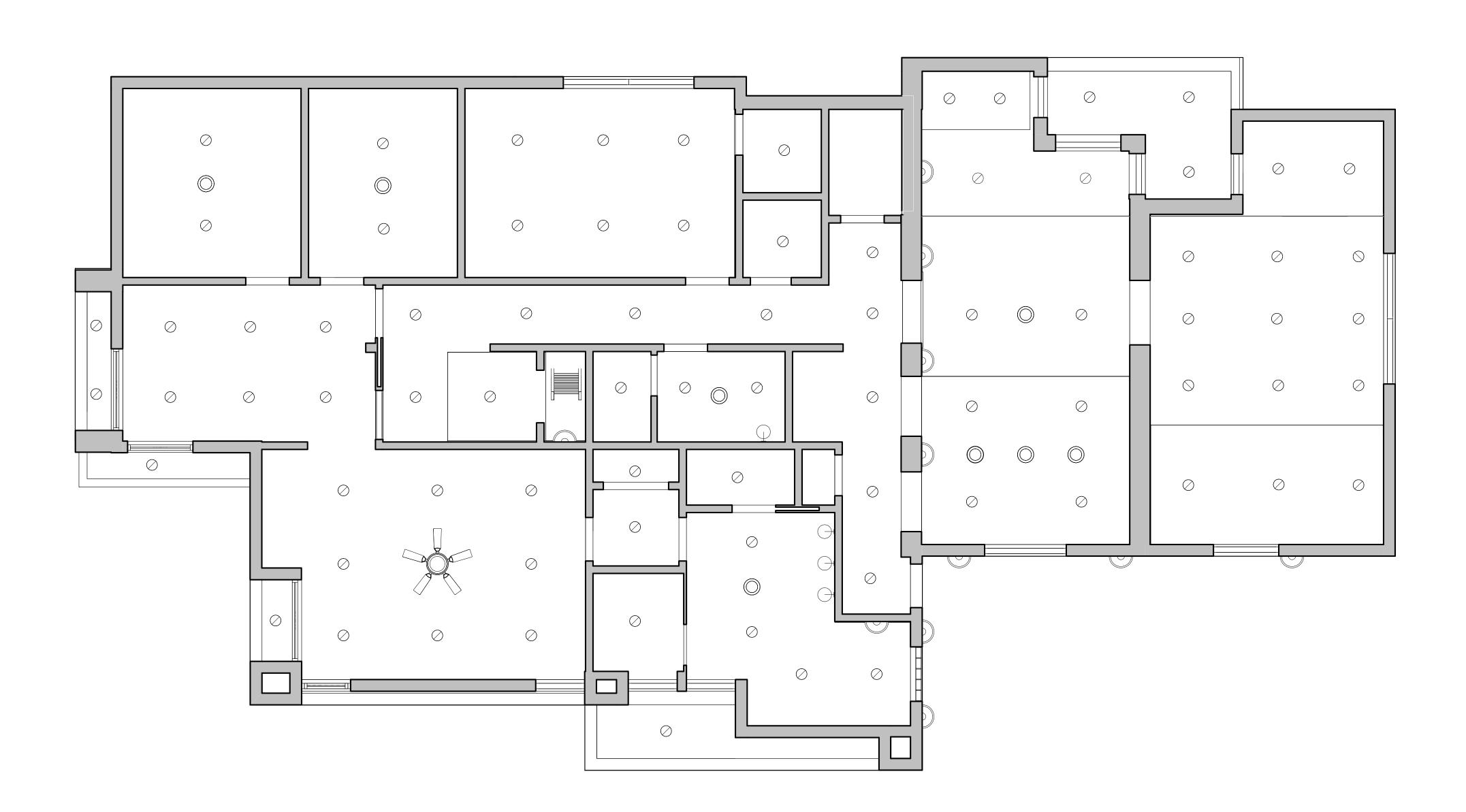
REVISIONS 02 / 28 / 15

DESIGNED BY: Designer EYOB ALEMNEW

AS NOTED

SECOND FLOOR RCP

A15



1 THIRD FLOOR RCP A16 1/4" = 1'-0"

<u>LEGENDS</u>

RECESSED CAN LIGHT

SCONCE

VANITY LIGHT

WALL PACK LIGHT/EXTERIOR

SOLAR TUBE

STEP LIGHT

LED FLOOD LIGHT

CHANDELIER

PROJECT NAME: **GRODZKI** RESIDENCE SEAL: "PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED AND/OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 6122-R, EXPIRATION DATE: AUGUST 8, 2012"

304 ELLSWORTH DR. SILVER SPRING, MD 20910 LYNN & TAD GRODZKI RESIDENCE

REVISIONS 02 / 28 / 15 DESIGNED BY: Designer DRAWN BY:

EYOB ALEMNEW DATE:

SCALE:

AS NOTED

THIRD FLOOR RCP

SHEET NO.

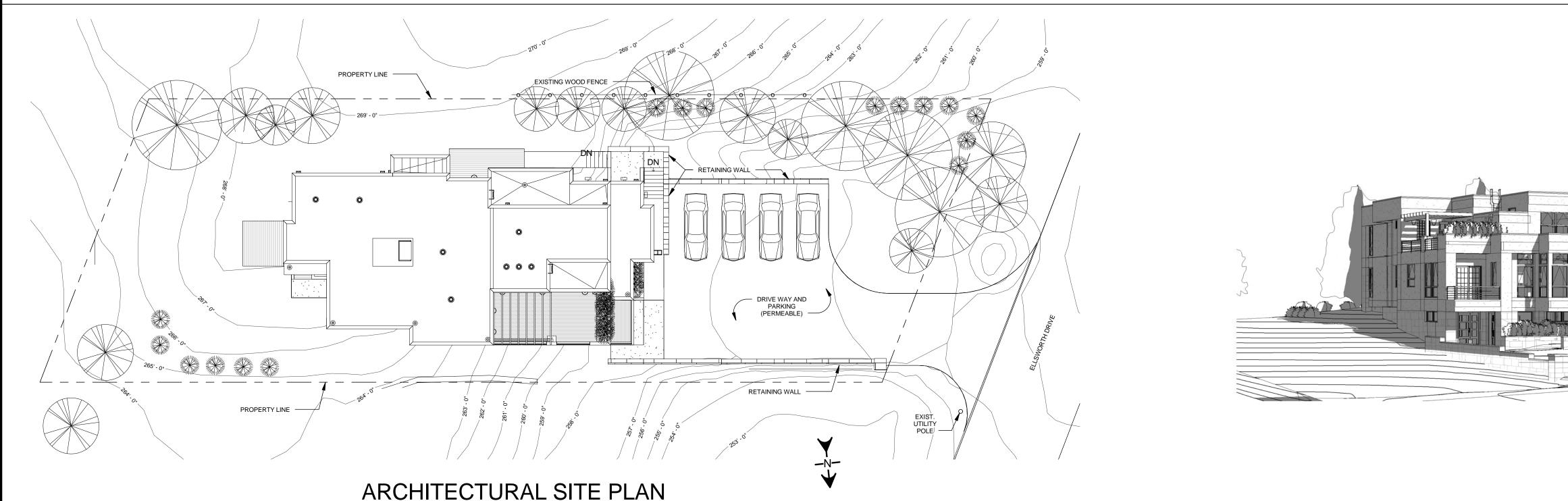
A16

GRODZKI RESIDENCE



PROJECT NAME:

SEAL:



STREET VIEW

State Hwy 516 State Hwy 516 Anacogo de Holesto Medicine Anacogo de Holesto Medicine Like Christian Day School Mark Kovach Fishing Services Reads Floor Services

FACE OF STUDS

GALVANIZED GALVANIZED IRON

HIGHEST POINT

HARDWOOD

INSULATION

MAXIMUM

MECHANICAL

MANUFACTURER

MISCELLANEOUS

PRESSURE TREATED

PREFABRICATED

ROOF DRAIN REINFORCED

LAMINATED STRAND LUMBER

LAMINATED VENEER LUMBER

PARALLEL STRAND LUMBER

REINFORCING STEEL BAR REFLECTED CEILING PLAN REFRIGERATOR

ABBREVIATIONS

ALUMINUM

BOTTOM OF

BLOCKING

CABINET CEMENT

CONCRETE COLUMN

BOUBLE

CLEAR CASED OPENING

CONTROL JOINT

CORNER GUARD

BOARD BUILDING BUILDING CODES COMPLIANCE

BUILDING CODE

ICC INTERNATIONAL RESIDENTIAL CODE 2009

ELECTRICAL CODE

NFPA NATIONAL ELECTRICAL CODE 2008

PLUMBING & GAS CODE

WSSC PLUMBING CODE 2008

ENERGY CONSERVATION

ICC INTERNATIONAL ENERGY CONSERVATION CODE 2009

RESIDENTIAL SPRINKLER

NFPA 13D/ 2002, COMAR NFPA 13D/ 2007

USE GROUP:

RESIDENTIAL GROUP R-5

CONSTRUCTION:

TYPE V SPRINKLERED

NOTE:

SPRINKLER PLAN TO BE PROVIDED BY CONTRACTOR FOR COUNTY APPROVAL

AREA TABULATION

FIRST FLOOR LIVING AREA:	548 SQ FT
SECOND FLOOR LIVING AREA:	2151 SQ FT
THIRD FLOOR LIVING AREA:	1371 SQ FT
TOTAL FINISHED LIVING AREA:	4070 SQ FT
GROSS BUILDING AREA:	5976 SQ FT

PROJECT DIRECTORY

OWNER:
TADEO & LYNN GRODZKI tgrodzki@grandesignstudio.com 301-608-8198
BIM CONSULTANT
EYOB ALEMNEW ezym70@gmail.com 240-505-3327
TRES D ARCHITECTURAL DRAFT DANIEL BARTOLO JR tresdarch@gmail.com 202-734-2092

ROUGH OPENING SLAB ON GRADE

STAINLESS STEEL

TOUNG AND GROOVE

UNLESS OTHERWISE NOTED

WATER RESISTIVE BARRIER

STORAGE STRUCTURAL

TYPICAL UNFINISHED

VAPOR BARRIER

WOOD WATERPROOF

WAINSCOT WITH OUT

VERIFY IN FIELD

ARCHITECT:
TADEO GRODZKI
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301-608-8198

STRUCTURAL ENGINEER:
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RAFIK BAZIKIAN
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410-745-8642

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GENERAL NOTES

SCHEDULES

CONTRACTOR SHALL ADHERE TO ALL CODES, RULES, AND REGULATIONS GOVERNING CONSTRUCTION BUILDING ACCES AND THE USE OF FACILITIES AS SIBY FEDERAL, STATE, AND LOCAL CODES, BUILDING DEPARTMENT AGENCIES AND THE BUILDING OWNER.
THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD AND NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES PRIOF TO THE START OF WORK.

- ALL STANDARD CONSTRUCTION SHALL CONFORM TO THE STANDARD DETAILS EXCEPT AS EXPLICITLY SUPERSEDED BY SPECIFIC DETAILS HEREIN.
 CONTRACTOR SHALL COMPLY WITH CURRENT APPLICABLE LOCAL ORDINANCES FOR UTILITY SERVICES.
 ALL ALL TIMES THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING THE SAFETY OF
- PERSONS AND PROPERTY; ALSO DESIGN ADEQUACY AND SAFETY OF ERECTION, BRACING, SHORING, TEMPORARY SUPPORT, ETC.

 THE CONTRACTOR SHALL WARRANT THAT ALL MATERIALS AND WORKMANSHIP ARE IN COMPLIANCE WITH THE DRAWINGS AND SPECIFICATIONS, AND ALL CHANGES HAVE THE OWNER'S APPROVAL.

 THE CONTRACTOR IS RESPONSIBLE TO COMPARE AND COORDINATE ALL DRAWING FOR PROPER FIT AND ATTACHMENT OF ALL PARTS. DETAILS NOT SHOWN,
- WHICH ARE SHOWN, DETAILED SPECIFICATIONS, OR COMMONLY CONSTRUCTED IN THE INDUSTRY.

 THE CONTRACTOR SHALL EXAMINE ALL CONSTRUCTION DOCUMENTS, SHALL VERIFY CONDITIONS AND DIMENSIONS, CHECK ALL LINES AND LEVELS INDICATED PRIOR TO STARTING WORK. SHOULD THERE BE ANY DISCREPANCIES, IMMEDIATELY REPORT TO THE ARCHITECT FOR CLARIFICATION.

 THE CONTRACTOR SHALL VERIFY ALL MECHANICAL, ELECTRICAL, AND PLUMBING ROUGH IN LOCATIONS FOR ANY SPECIAL EQUIPMENT WITH THE SUPPLIER

NOR DETAILED ON DRAWINGS, NOR CALLED FOR IN THESE NOTES SHALL BE CONSTRUCTED TO SAME SIZE AND CHARACTER AS FOR SIMILAR CONDITIONS

- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF THEIR SEPARATE CONTRACTORS SUCH AS WINDOWS, ETC. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION AND REQUIRED CLEARANCES OF THE EQUIPMENTS. NO STRUCTURAL MEMBER SHALL BE OMITTED, NOTCHED, CUT, BLOCKED OUT, OR RELOCATED W/O PRIOR APPROVAL BY THE ARCHITECT OR ENGINEER.
- THE CONTRACTOR OF EACH TRADE SHALL KEEP THE PREMISES CLEAN AT ALL TIMES AND SHALL REMOVE ALL RUBBISH AS OFTEN AS REQUIRED FOR THE CONSTRUCTION AND FOR CONVENIENCE OF THE OWNER.
 PROTECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT ADJACENT PROPERTY AT ALL TIMES DURING CONSTRUCTION. PROTECTIVE MEASURES SHALL BE TAKEN BY THE CONTRACTOR SO AS TO NOT CAUSE ANY MUD, SLIT, OR DEBRIS ONTO PUBLIC OR ADJACENT PROPERTY.
- ALL TEMPORARY BRACING AND SHORING SHALL BE DESIGNED TO SUSTAIN ALL CONSTRUCTION LOADS, SOIL PRESSURE, LATERAL AND OTHER LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED.
- ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY, SHALL BE PRESSURE TREATED.
- ALL REVISIONS TO THE DRAWINGS MUST PROCEED THROUGH THE OWNER.
 SPRINKLER PLAN TO BE PROVIDED BY CONTRACTOR FOR COUNTY APPROVAL

SECTIONS AT RAMP, STAIRS & RETAINING WALL

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PROJECT ADDRESS

REVISIONS

NO. 02/28/15

DESIGNED BY: TADEO GRODZKI

DRAWN BY: EYOB ALEMNEW

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SCALE: AS NOTED

COVER SHEET

SHEET NO.

CS-1

DEMOLITION NOTES:

EXTENT OF DEMOLITION (General): Remove selected areas of existing site plantings and roots. Remove existing material and products as necessary for installation of new work.

PREPARATION (Scheduling): Consult owner in advance of site cleaning so adequate preparation may be made to accommodate new construction operations. Prior to demolition consult with other prime contractors to determine if existing mechanical or electrical work has been disconnected and capped. Do not proceed until disconnections and capping has been completed. Make advance preparations to minimize exposure of building and contents to the elements, interruption of owner's schedule, and soiling and damage of existing building and contents.

BRACING: Brace and shore up structure as required to prevent damage and

REPAIRS (Patching): Patch areas disturbed by work. Patch work shall match existing work as closely as possible.

CLEANING: Remove debris and unsalvageable materials from site. Portions of building soiled by work and workmen and occupied by owner shall continuously be cleaned by contractor. Restore and clean all existing areas soiled because of work operations and workmen.

PROJECT NOTES:

NOTICE COPYRIGHT

These plans are copyright protected as an "architectural work" under Sec. 102 of the Copyright Act, 17 U.S.O. as amended December 1990 and known as Architectural Works Copyright protection Act of 1990.

These plans are the sole property of Tadeo & Lynn Grodzki (Owners). Any unauthorized use or reproduction of these plans is prohibited. All sub-contractors are required to visit the site and inspect the existing conditions prior to submitting proposals. All contracts shall adopt the AIA 201 General Conditions.

Plans shall not be scaled for construction purposes. Dimension lines and notes supersede. Dimensions noted "Verify" shall be verified in the field. Notify the Owner/Architect of any conflicts before proceeding. It is the sole responsibility of the General Contractor to ensure that all construction complies with all adopted building codes (assume min. IRC 2012) and current local code "Amendments" as well as accepted construction practices. Contractor should expect that drawings of existing buildings are approximate and field measurements should be taken to verify conditions before proceeding with contracts.

Electrical and Mechanical plans are schematic layouts only. Plumbing Contractor shall advise Owner of water service or sewer hook-up scope issues regarding upgrades or compliance because of this project. All work shall comply with all local codes. Plumbing supply lines; copper Type "L", CPVC plastic labeled certified for potable water, waste lines; PVC (cast iron at acoustic critical areas). Vents thru the roof shall be routed to the hidden side of the building and concealed as much as possible.

Use 5/8" Min. gypsum wallboard on ceilings throughout and 5/8" Min. gypsum wallboard on all walls. Partitions labeled "acoustic" shall have wallboard over 1/2" resilient channels at 16" O.C. on one stud side and 1/2" sound deadening board on the other side. Use acoustic caulk at perimeter of sound deadening board prior to finish gyp. wallboard layer. Fill stud cavities with sound batt insulation and use alternating stud spaces when locating all electrical boxes. Gypsum wallboard installed in bathrooms, basements, and wet areas shall be "WR" water resistant. Where ceramic tile is indicated, tile backer board is required in place of gypsum waterproof wallboard. Attach with bugle head screws.

Gypsum wallboard shall be painted using one coat of primer and two coats of latex-based paint (Living Spaces only). Semi gloss finish on all trim and eggshell/velvet on all walls. Colors to be selected by owner.

Where tile and vinyl floors are indicated, Underlayment (in addition to the sub floor) shall be provided as per manufacturers recommendations.

Exterior wall construction shall have a complete cover of "Tyvek" building wrap or

liquid applied barrier. (coordinate with door & window penetrations)

drainage to base weep holes at the base flashing.

Provide method for positive drain away at base of all siding and skin enclosure. (Example: utilize "redundant drainage" spacer system.

Brick (and other veneer masonry) shall utilize "posi-ties" (v-rod with screw attachment) corrugated strap ties are not allowed. All cavity areas behind

veneer will use fill material to prevent mortar dropping from clogging positive

Provide seamless type prefinished aluminum downspouts where shown exposed. Concealed downspouts shall be of PVC or equal.

Demolition and removal of debris is the responsibility of the Sub Contractor and shall include all related items necessary to complete the work as a final product indicated on plans and specifications.

Approved flashing shall be provided at the top and sides of all windows and doors openings, wall and roof valleys and at all roof penetrations. Window and door sills shall utilize preformed base flashing wrap sealed into the building wrap.

All railings (stair, landing, deck, retaining wall, etc.) shall be installed to withstand a lateral force of 50 lbs per linear foot. Handrails shall be continuous and terminate in safety returns posts.

Glazing shall comply with safety glazing and code standards of local authority. EIFS:

Exterior Insulation and Finish System. Polymer-based protective coating 100% pure acrylic resin based materials, mesh, and insulation over back-up membrane with diverter flashings to direct leaked water to the exterior.

Sub contractors shall provide owner and architect with samples, shop drawings or sales brochures of all listed items prior to ordering/installation:

-Louvers and grilles -Plumbing fixtures and faucets -Lighting fixtures and trim -Doors, windows, hardware and trim -Structural beams, trusses, etc. -Finishes: Paint and stain Tile and subfloor Carpet Cabinets and millwork Brick and stone (sample mock-ups) Flooring

Special ordered item and accessories

All material substitutions must be requested in writing through the architect.

It is expected that all decisions made regarding materials used in this project will apply the "seven R's" (of Respected, Receive, Reduce, Reuse, Recycle, Restore, Remember). This means the effort shall involve practices of "Green Architecture" with the principle goals of environmental concern being:

-Determine best re-use and proper disposal of demolished items. -Provide preservation of natural resources and habitat. -Reduce toxic substances used. -Lower all operating costs with more use of energy efficient equipment. -Choose building materials composed of recycled and re-used products. -Minimize the impact on the neighborhood and environment. Suggested "sustainable/green" choices include:

Paint: low VOC (volatile organic compounds) for odor specially designed to inhibit the growth of mildew and formulated with antimicrobial properties.

Carpet: CRI green label plus certified adhesives for low VOC emissions. Cabinets: fabricate with panels of product that carries the SFI label made with urea formaldehyde free product.

Treated lumber: "ecolife" stabilized and weather resistant pressure treated wood products AWPA standardized fully integrated green system.

Reflective plywood: roof sheathing of heat reflective aluminum foil faced

Lumber: all framing lumber to utilize products certified by either ATFS (American Tree Farm System), FSC (Forest Stewardship Council), or SFI (Sustainable Forestry Initiative).

Construction Waste: save wood and gypsum board scraps to be site processed with a grinder into landscape mulch

The building in its final and complete form shall ensure against entry of vandals, water, dust, insects, rodents and other vermin.

During construction the affected areas of new and/or existing buildings shall be protected from the above and heated to min 60 degrees F. This shall be assumed by the owner at "Substantial Completion".

Insulation shall be as follows: See Drawings

Foundation and crawl space insulation shall be 4" rigid fiberglass board adhered to the inside surface of the foundation wall from crawl space grade to top of sill plate.

Polystyrene insulation will be allowed in lieu of fiberglass only if fire resistant protection is provided.

Vapor Barriers:

Vapor barrier to be installed on warm surface of exterior walls and ceilings overlap min. one stud/rafter space at joints. 10 mil polyethylene installed over all soil/grade in crawl spaces min 12" overlap at joints (taped joints) and up to sill plate at exterior foundation walls.

10 mil polyethylene installed over granular fill at all concrete slabs. (tape joints)

HVAC: High Efficiency.

Recommendations are requested from contractor. It is the responsibility of the mechanical contractor to provide a suitable system design with bid submittal. All load analysis and heat loss/gain calculation shall be provided by the contractor.

All exhaust fans are to be vented to outside air.

Heated Floor System: Provide electrical cables or preformed mat certified to be used under the finish floor specified. Complete installation to include dedicated electrical circuit, thermostat in the room, fasteners, all as designed by the manufacturer.

Smoke Detectors

The contracor shall provide and install hard wired smoke detactors as required by county code.

It is the responsibility of Framing Contractor to provide framing plans and calculations necessary for building permits and proper layout. Design Loads:

Design strengths: Live Load: 40psf. Dead Load: 10psf.

> FB = 1250 psi E = 1,400,000 psi

Laminated Veneer Lumber Fb = 2900 psi

All common dimensional lumber shall be No. 2 Spruce/Pine/Fir or better. Laminated Veneer Lumber specified is ("parallam" parallel strand lumber). Substitutes may be used if they meet the design strengths listed above.

E = 1,900,000 psi

Sill plates shall be "permanent" pressure treated 2x6 (unless otherwise indicated) set on a compressible sill sealer. All lumber in contact with concrete or masonry shall be "permanent" pressure treated. Treatment shall be EPA approved low toxicity ACQ, CBA-A, or CA-B alkaline copper quat or azole only. Nails and fasteners shall be stainless steel, joist hangers shall be triple zinc, anchor bolts shall be hot-dipped galvanized, and only copper flashing is allowed. Provide metal cross bridging or blocking at joist mid-span.

Provide new 6x6 columns at all beam bearing locations. Sub floors shall be 3/4" 48/24 CDX Tongue & Groove plywood or ESP "AdvanTech" (OSB not allowed), glued and nailed to joints. Where finished floors require a second Underlayment, provide and install such underlayment as directed by the finished floor manufacturer/supplier. L/480 for floor trusses, L/720 for floors with stone or tile finishes.

Roof Framing Notes:

Common Lumber

It is the responsibility of the Framing Contractor to provide framing plans and calculations necessary for building permits and proper layout. Design Loads:

Design Strengths: Snow Loads 30psf Dead Loads 10 psf

live load 20 psf (where indicated) Attic storage Uplift 10 psf

Common Lumber Fb = 1250 psi E = 1.400.000psi

All common dimensional lumber shall be No. 2 Spruce/Pine/Fir or better. Trusses shall be designed by the truss manufacturer to support the design loads stated. Provide engineer's certification on shop drawing submittals.

Roof sheathing shall be 5/8" 32/16 CDX plywood with joint clips or blocking.

All exterior trim to be 1x material front and back primed, then painted to match existing exterior trim. Minimum installation standards are that all cut joints shall be site primed.

Match existing as much as possible from standard molding. Stain grade or paint grade where indicated.

Fasteners:

For all trim and finish materials, coordinate the appropriate fasteners (galvanized/stainless steel/prefinished/aluminum/predrilled/countersunk. Etc.) for weathering conditions and overall long life. Exposed redwood, teak, and cedar must use stainless steel nails and screws (as concealed as possible). For structural hangers and clips; only use nails listed in manufacturer's tables.

General Note:

Wall sheathing shall be minimum 5/8" plywood of lengths sufficient to overlap the sill plates for positive tied-down connection to foundations. Provide continuous connections to roof framing for lateral and uplift resistance. Follow the "Continuous Load Path" method with sheathing installation or metal connectors. All headers and lintels not indicated on plans are to be assumed as not having any special loads or conditions. These members and all framing must be constructed using accepted carpentry practices. Nailing and fasteners not specially indicated on plans shall be provided where required to meet current International Residential Code (IRC 2012) Section R602 and local County Amendments. Braced Wall Lines are indicated for CS continuous sheathed panel (panel sizes shown) "Method 3" (ABW alternate braced wall with hold-downs, PFG intermittent portal frame at garage, WSP wood structural panel). Wide opening jambs shall be sized portal frame with hold-downs (PFH intermittent portal frame) indicated per www.web@strongtie.com. Considered to be Exposure B (suburban) or Exposure C (open site with additional 20%) wind loading.

Provide wall blocking of 2 x or 3/4" plywood at window and door heads a minimum 6" above head trim and beyond jamb trim for curtain mounting. Provide 2 x blocking between studs at expected locations for grab bars and toilet accessory mounting.

Foundation Notes:

(See Geotechnical Report) Soil bearing capacity is assumed to be 2000psf. Concrete to be minimum: 2500psi for footings 4000psi for exterior slabs 3000psi interior slabs (steel trowel finish)

New concrete footings are to be pinned to existing footings or foundation walls where possible with #4 bars embedded 4" min. into existing foundation, drilled in place and grout solid.

All new footings to bear on undisturbed soil.

Provide 1/2"anchor bolts embedded into reinforced wall at 32" on center for all plate connections. Provide a minimum of 2 bolts per plates. Install plates on a compressible sill seal insulation.

Reinforcing steel in concrete footings shall have a minimum of 3" coverage on bottom and 2" on sides.

Provide termite treatment for all new foundations while foundation walls are open and prior to backfill. Contact Owner's current company or equal control. Also apply a spray of borate-based treatment to the lower portions of all stud walls at foundation lines.

All basement walls shall have a minimum 4" perforated drain tile surrounded with washed gravel along base of footings sloped to drain to daylight or sump. Provide wall subsurface drainage fabric board against waterproofing of walls.

Waterproof all basement walls: apply (2) 1/4" coats of cement based parge and (1) coat of trowelled on bitumous tar plus (1) layer 6-mil polyethylene.

Interior face of masonry walls shall be tooled joints.

Backfill shall not be placed against basement walls until concrete and reinforcing steel is in place and floor deck is installed and anchored to achieve designed stabilization.

All backfill shall be compacted to 90% and placed in maximum 12" lifts. Provide 6 mil. black plastic ground cover under raised wood deck to prevent weed growth.

For new construction, provide a concrete encased electrode to ground the electrical service that meets County Code. Min. 20 ft of bare solid copper conductor #4 AWG encased 2" min. in concrete footing run to panel connection.

Doors are indicated by size and type on the floor plan as:

- =Flush Wood P =Paneled Wood
- HL =Half-lite FG =Full Glass (I-insulated)
- BF =Bifold BP =Bypass PKT=Pocket Doors
- G =Glazed
- FR =French Door (G full glazed) TDL=True Divided Lite

New windows are indicated by size and type on floor plan. New window manufacturer shall be selected by owner with insulated frame, suncoat low E insulated glazing U-.35 min. (or better) as shown on drawings. Color to be determined. Roto operator awning units with insect screens.

Block all windows at sills and jambs per manufacturer's instructions. Fill voids between the window rough opening and the window unit with fiberglass batt insulation and apply a perimeter sealant as directed by the manufacturer's instructions.

Caulking and Sealants:

Caulk all joints around openings to provide a watertight and airtight seal. Joints greater than 3/8" shall be filled with backup material. Exposed caulking and sealant shall match in color all abutting material and natural or painted

PROJECT NAME:

GRODZKI RESIDENCE

SEAL:

"PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED AND/OR APPROVED BY ME. AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 6122-R,

EXPIRATION DATE: AUGUST 8, 2012"

DR. 2091

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ELLSWORT SPRING, I

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TAD SIDE

REVISIONS					
NO.	02 / 28 /				

DESIGNED BY: TADEO GRODZKI DRAWN BY:

EYOB ALEMNEW

DATE:

SCALE: **AS NOTED**

PERFORM-

SHEET NO.