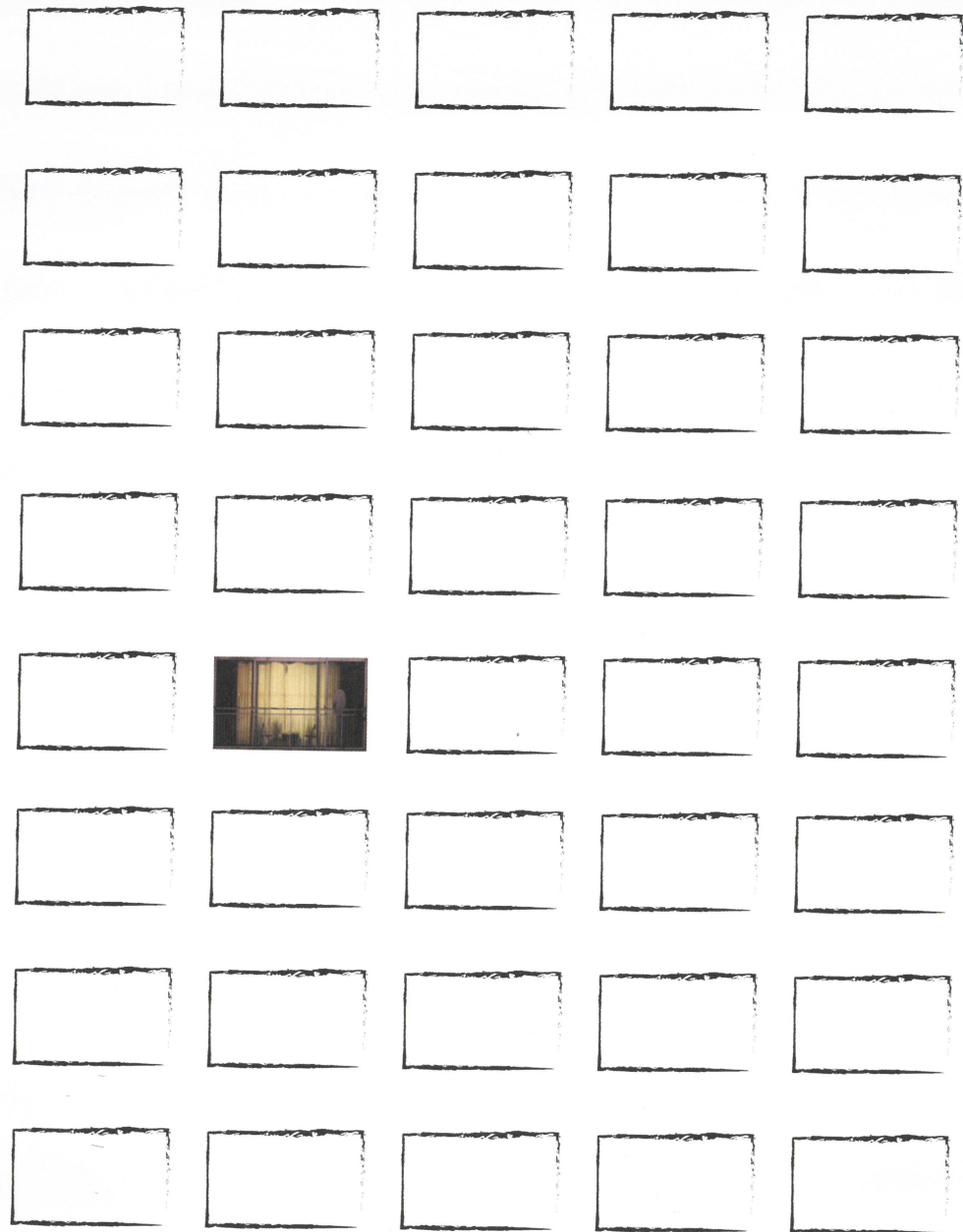


Old and the New

in Architecture

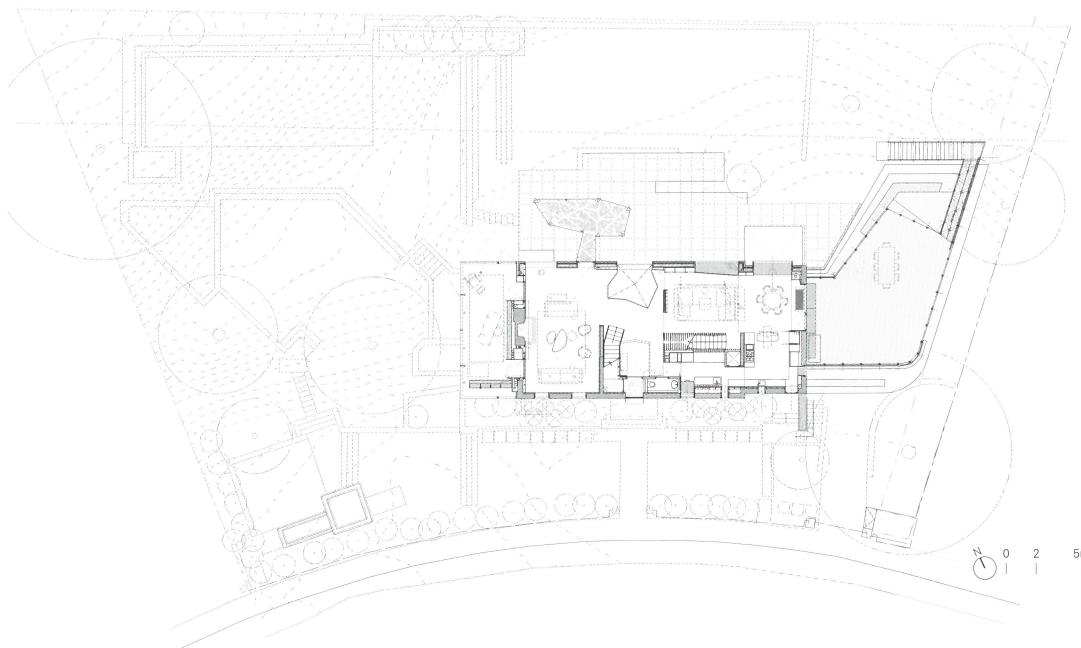


여백의美

에너지사용, 적을 때에 더 아름답습니다

Grafts

- 014 *Grafts: The Old and the New in Architecture*_ Jessica Kelly
- 120 *Detachment and Engagement - The Art of Architectural Grafting*_ Anna Roos
- 020 Rehabilitation of the Holy Sepulchre Chapel_ Héctor Fernández Elorza
- 032 Tea House in Hutong_ Archstudio
- 040 Koya_ SUMA
- 048 366 Kashiracho_ NAAD
- 056 New Sala Beckett_ Flores & Prats Architects
- 070 The Feuerle Collection_ John Pawson
- 082 Miyagawa Bagel Shop_ Roovice
- 092 Vigário House_ AND-RÉ
- 108 Peraleda House_ Losada García Arquitectos
- 128 Fanqueiros Apartment_ CASCA
- 142 House Z22 and Warehouse F88_ Gus Wüstemann Architects
- 158 House CG_ Architecten de Vylder Vinck Taillieu
- 168 Casa Gianin_ Clinicaurbana
- 180 Rock Creek House_ NADAAA
- 192 Kulm Eis pavillon_ Foster + Partners
- 204 Loft Panzerhalle_ Smartvoll



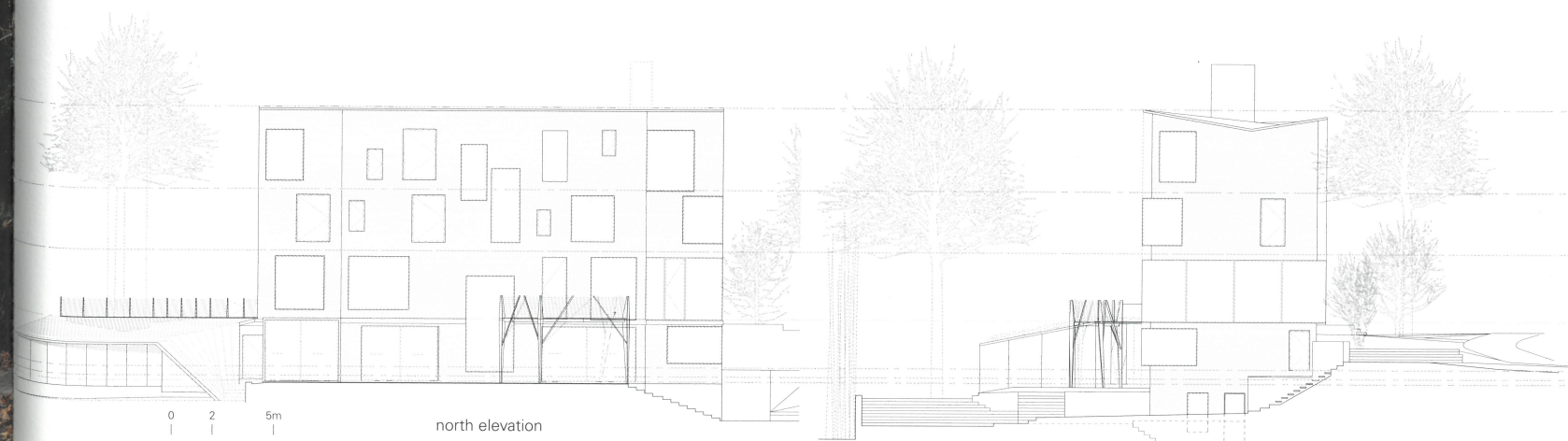
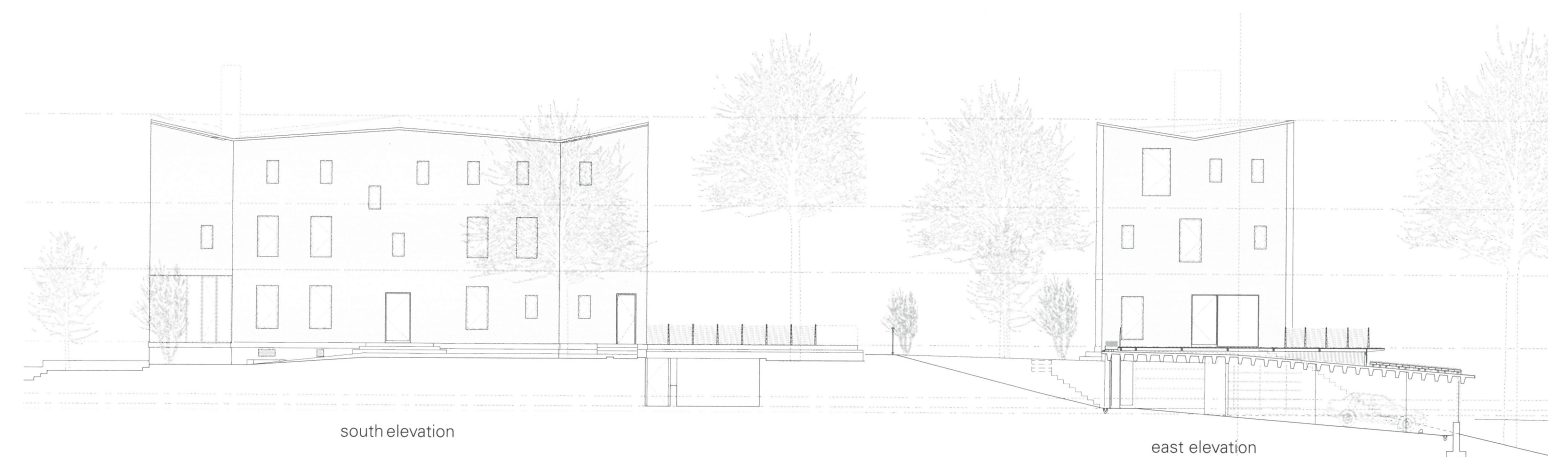
Rock Creek House

NADAAA



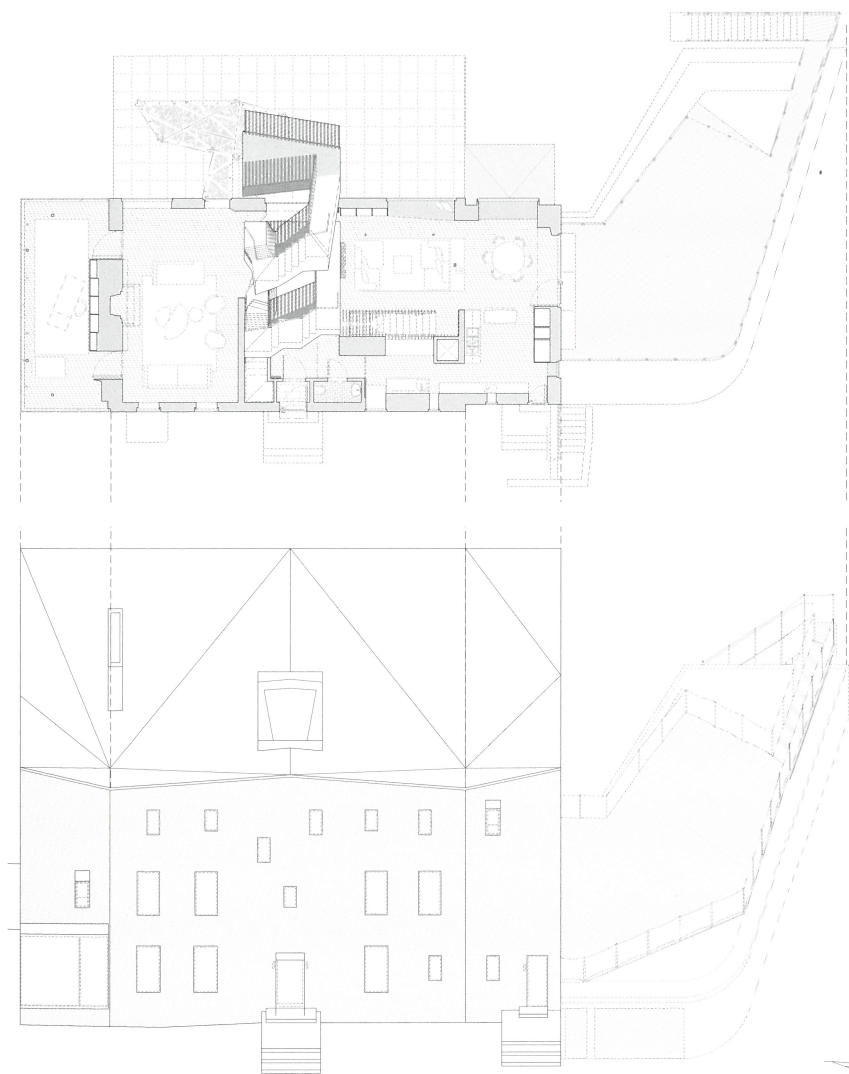
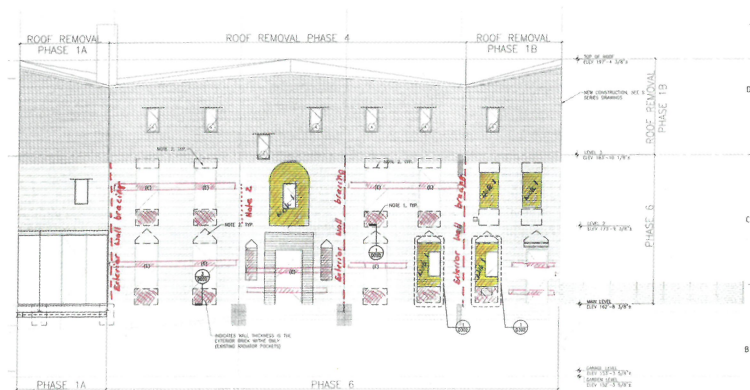
The Rock Creek House is an adaptive re-use project of a 1920's brick structure that was originally composed of two floors, as well as a mechanical basement at the garden level, and an attic that offered storage space. This renovation and re-adaption leveraged the connection with the landscape and the robustness of the existing structure to modify the attic and basement to double the size of the house, while offering room for an expanding family of 5, with an added 2-3 staff members. The most salient spatial intervention was the introduction of a new stair at the center of the house as well as two multi-height spaces. The first is a double height space at the entry, connecting the entry level to the garden level, with a new living room that extends the interior spaces to the southern exposure. The second space connects the entry on the northern side to the former attic, now a research and play loft for the kids capped by a skylight. With these two interventions the once stratified realms of storage, bedrooms, work areas and living areas become interconnected and seamlessly intertwined.

While the north façade on the street remains relatively intact, the idea of the house was also to develop a more generous exposure to Rock Creek and the southern exposure, where they extend the house into the garden areas. By expanding the areas of glazing on the south, and establishing a more precise relationship between rooms and their respective apertures, a new architectural order is established on the south – more informal, open and in dialogue with nature. At the same time, this very simple strategy imposed maybe one of the most radical impacts on the structure of the building. By expanding the square footage of glass on the southern face, effectively the load bearing function of the brick wall was proportionally altered to become a curtain wall, with steel structure providing both compressive and lateral stability for this new face. Economical in its spatial organization, the project leverages the existing composition of the house to maximize its architectural and programmatic impact without the need for demolition or an entire new construction.

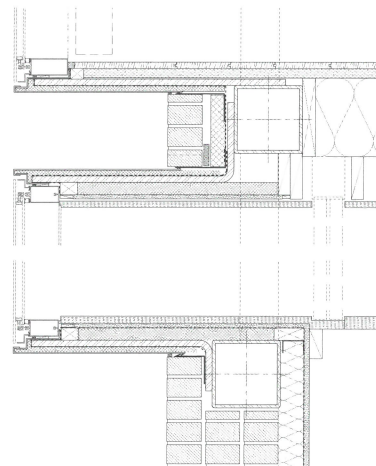
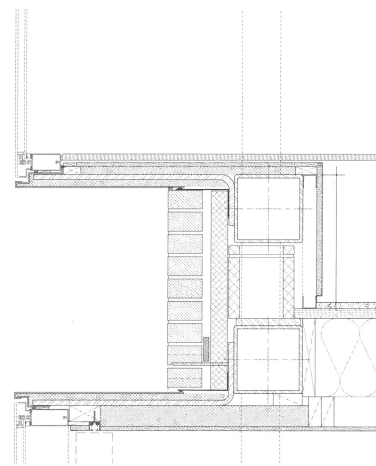
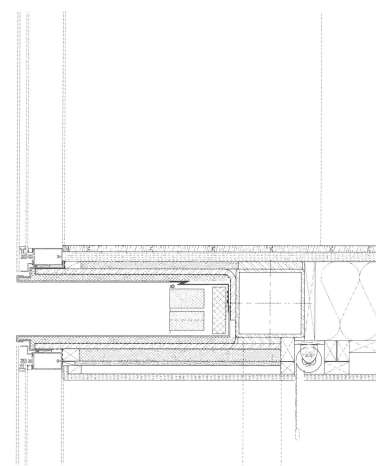
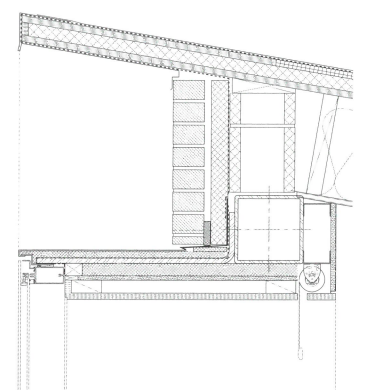
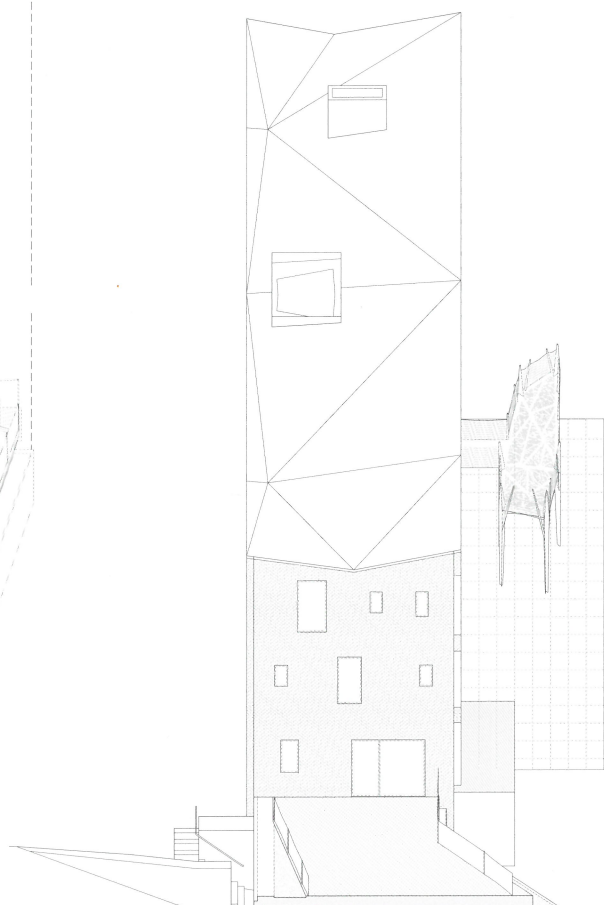
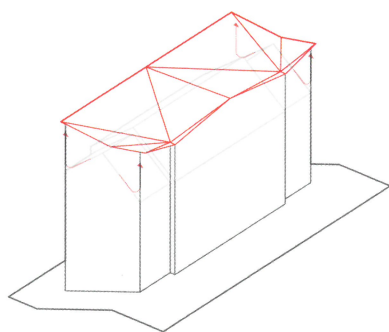




existing building south elevation



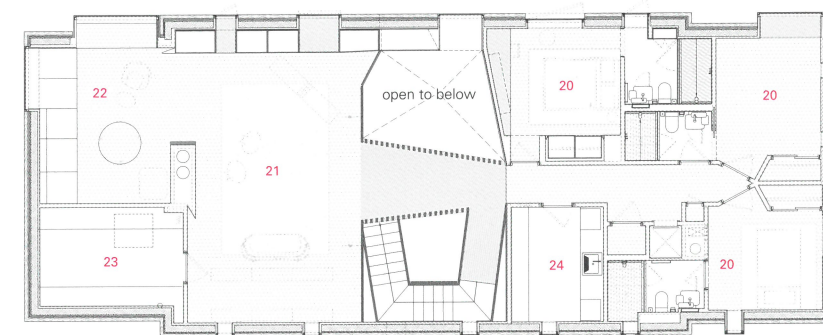
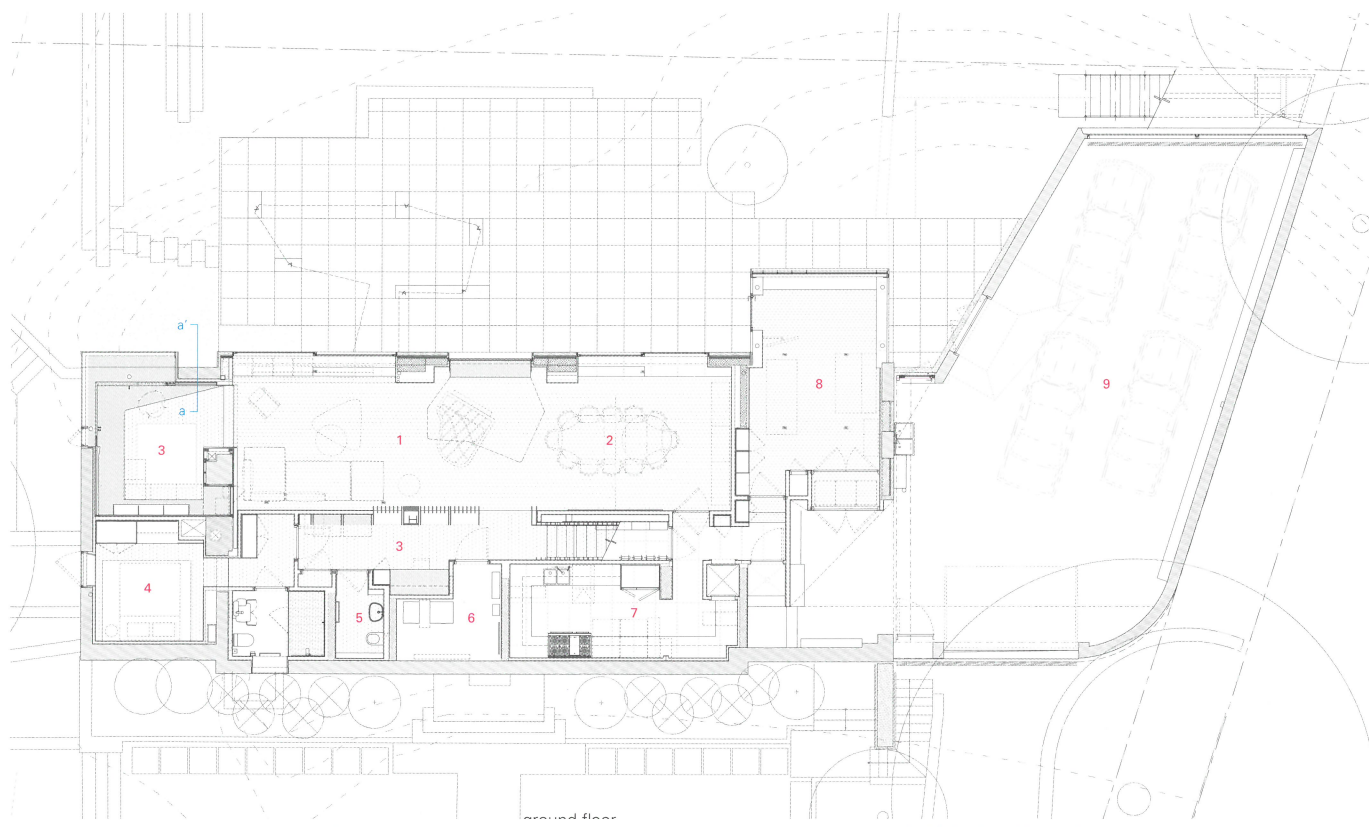
south elevation _after renovation



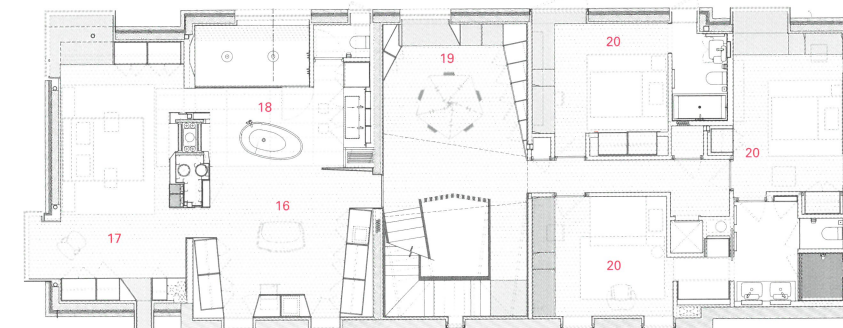
section a - a'





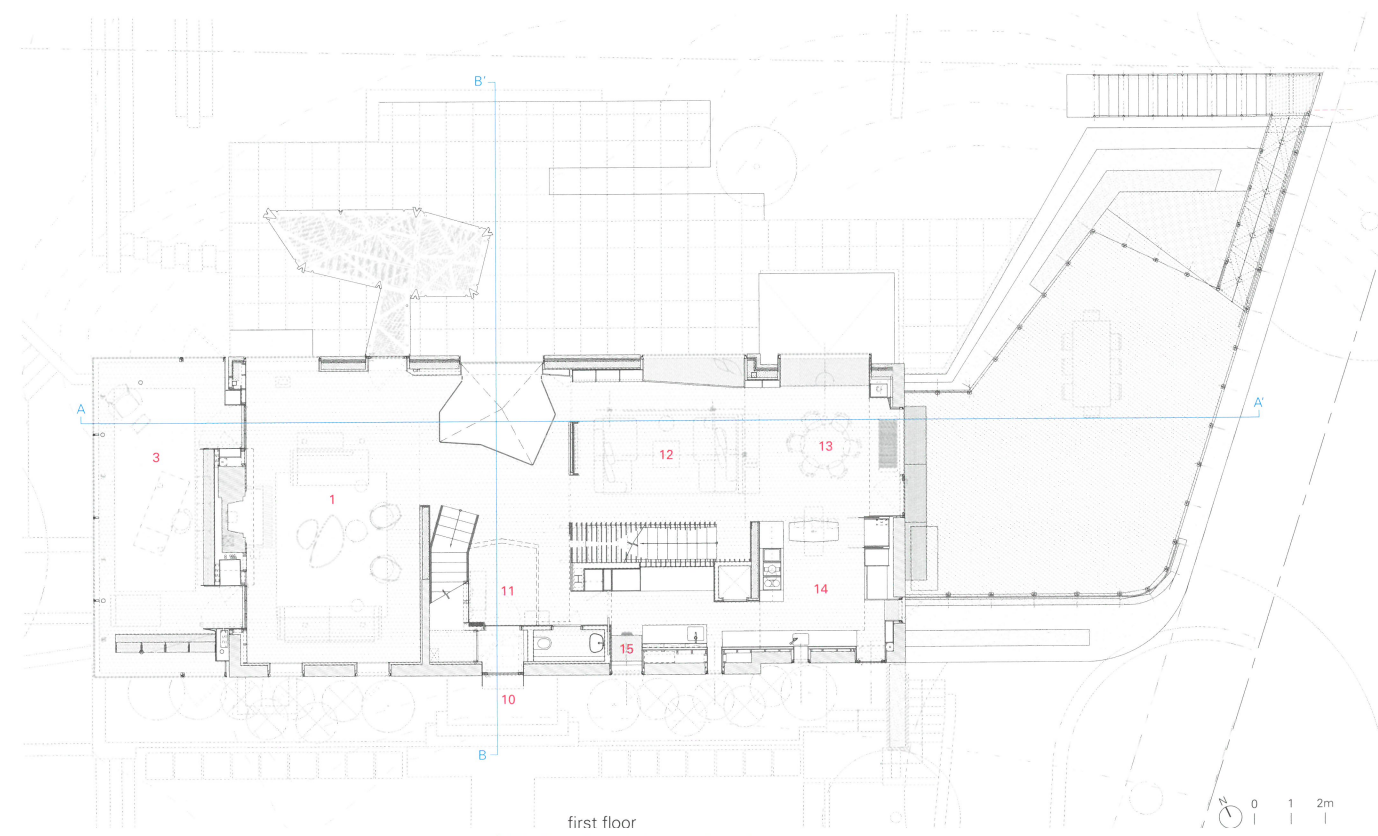


third floor



second floor

- | | | | |
|-----------------------|--------------------|--------------------------|------------------------|
| 1. living room | 7. chef's kitchen | 13. family dining | 19. study nook |
| 2. formal dining | 8. exercise + play | 14. kitchen | 20. bedroom |
| 3. office | 9. garage | 15. powder room | 21. play room |
| 4. guest suite | 10. front door | 16. master dressing room | 22. play |
| 5. bathroom | 11. entry | 17. master bedroom | 23. additional storage |
| 6. mech/smart systems | 12. family room | 18. master bathroom | 24. laundry |



first floor



Project: Rock Creek House / Location: Washington D.C., USA
 Architects: NADAAA
 Principal architects: Nader Tehrani; Katherine Faulkner, AIA
 Project manager: Harry Lowd
 Project team: Sarah Dunbar, Remon Alberts, John Houser, Stephen Saude,
 Jonathan Palazzolo, Lisa Lostritto, Parke Macdowell, David Richmond,
 Dane Assmusen, Ghazal Abbasy-Asbagh, Mehdi Alibakhshian, Sina Mesdaghi,
 Tom Beresford, Dan Gallagher
 Structural engineering: SGH
 Mechanical engineering: Allied Consulting Engineering
 Contractor: Abdo Development
 Lighting: Hinson Design Group
 AV and Integration: Bethesda Systems
 Millwork: CW Keller Associates
 Landscape architecture: Landworks Studio
 Project type: adaptation of single family residence
 Gross floor area: 10,200m² / Rooms: 45
 Construction: 2011.9~2015.3
 Photograph: ©John Horner (courtesy of the architect)



1. mech/smart systems 2. office 3. living room 4. entry 5. study nook
 section B-B'

록 크릭 주택

워싱턴 DC 주택가에 자리한 오래된 벽돌 건물이 현대적 느낌의 주택으로 탈바꿈했다. 지하 1층, 지상 2층의 아담했던 건물은 리모델링을 거치며 두 배가량 규모가 커졌으나, 주변 풍경을 실내로 적극 끌어들이므로써 아늑한 분위기도 놓치지 않고 있다.

동서 방향으로 긴 장방형의 건물은 전면이 도로에 접해 있다. 비교적 조용한 편이기는 하지만, 길을 향해 있는 만큼 전면보다는 후면을 좀 더 개방하는 쪽으로 작업의 방향을 잡았다. 울창한 나무와 아담한 수 공간으로 이루어진 널찍한 뒷마당의 분위기를 집 안 어디에서든 느낄 수 있도록 한 것이다. 이를 위해 뒷마당 쪽 입면에는 곳곳에 큼직한 창들을 냈다. 이때 빛이 들어오는 방향과 내부 공간의 용도 등을 두루

고려해 창을 낸 덕분에, 편안하면서도 자연 친화적인 이 집만의 질서가 세워질 수 있었다. 또한, 1층의 일부 공간은 벽돌 벽 바깥쪽으로 돌출시켜, 벽에 집중됐던 하중을 분산시키는 효과도 거두고 있다. 기존 건물을 허물거나 완전히 다시 짓지 않으면서도 경제적이고 효율적으로 공간을 활용하고 있는 것이다.

집 안으로 들어서면 건물 중심부에 자리한 나무 계단이 눈길을 사로잡는다. 계단을 기준으로 공간은 크게 두 개의 영역으로 나뉘는데, 한 쪽에는 복층 구조의 거실이, 다른 한쪽에는 아이들의 공부방과 놀이방 등이 자리한다. 침실과 작업실, 창고 등은 그 사이사이에 배치되며, 이 모든 공간은 독특한 계단을 통해 자연스럽게 연결되며 개방적이면서도 아늑한 분위기를 자아낸다.

