



Italy



SAPIENZA  
UNIVERSITÀ DI ROMA

DIPARTIMENTO DI INGEGNERIA CIVILE, EDILE E AMBIENTALE - DICEA  
CENTRO STUDI ABITARE LA CITTÀ

# FLAMINIA CROSSING

Proposte per la rigenerazione urbana  
dell'Asse Culturale di Via Guido Reni a Roma



UNIVERSITY OF  
ARKANSAS  
ROME CENTER



2013 ANNO DELLA CULTURA ITALIANA  
YEAR OF ITALIAN CULTURE

un workshop universitario internazionale  
dal 23 settembre al 3 Ottobre 2013  
e una sessione trimestrale di approfondimento  
sull'area dell'ex Caserma Guido Reni



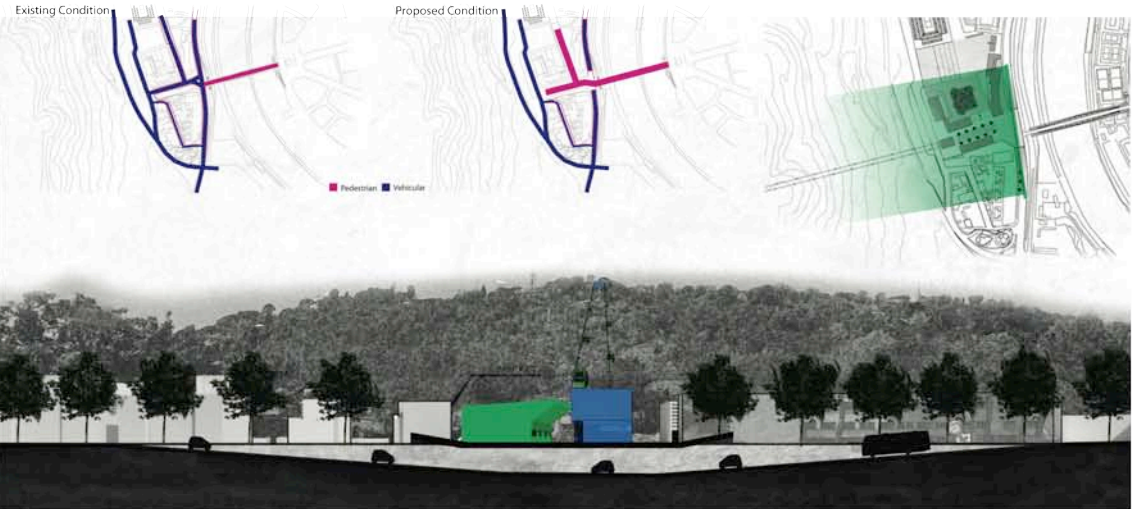
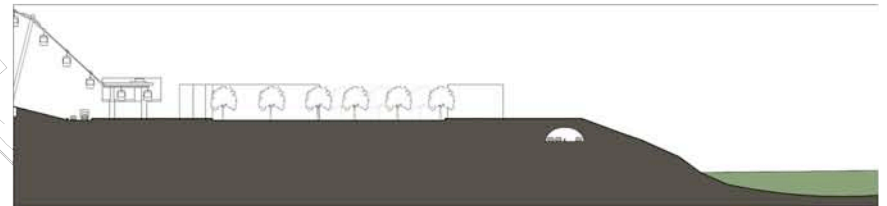
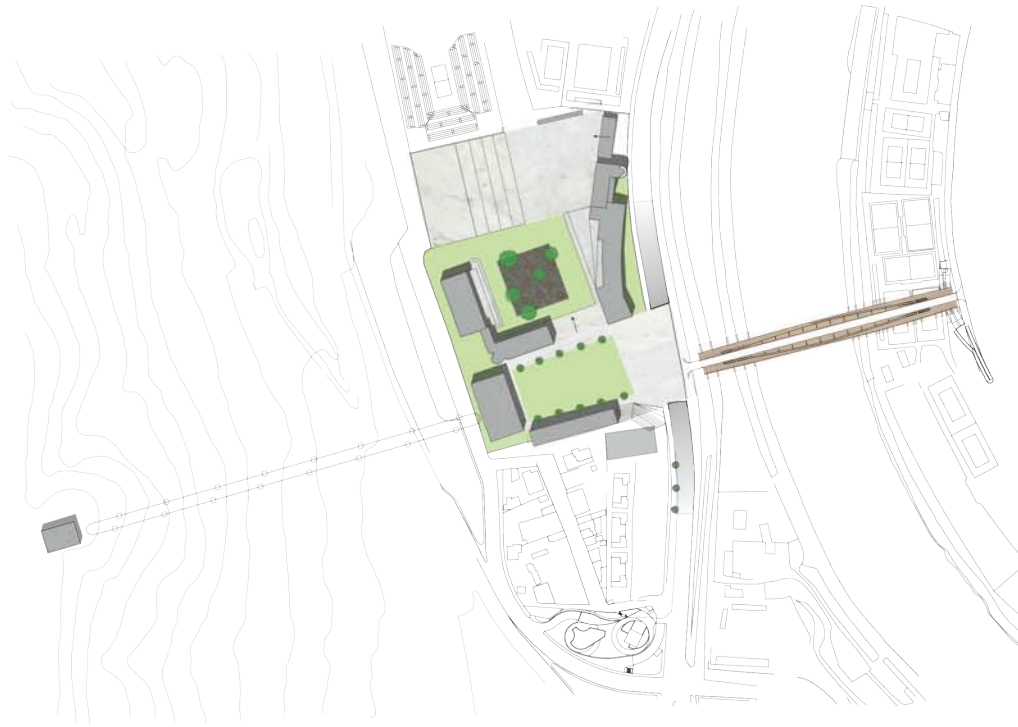
ROMA CAPITALE

Dal 23 settembre al 2 ottobre 2013 presso l'University of Arkansas Rome Center si è tenuto il Workshop Internazionale di Architectural Design, denominato "Flaminia Crossing", dedicato al tema della rigenerazione urbana sostenibile dell'Asse Guido Reni, a Roma.

Dieci gruppi misti di studenti americani e italiani hanno, quindi, lavorato in una delle aree più rappresentative della capitale, caratterizzata da emergenze naturalistiche e architettoniche quali il Parco di Villa Glori, il Palazzetto dello Sport, l'Auditorium Parco della Musica, il MAXXI, Museo di Arte Contemporanea, il Ponte della Musica e lo Stadio Olimpico. Gli studenti hanno elaborato soluzioni progettuali per creare relazioni di qualità tra queste costruzioni e il contesto urbano in cui sono inserite, facilitando la mobilità sostenibile, pubblica e pedonale, a servizio di questo sistema ambientale, culturale e sportivo di rilievo internazionale.

Il workshop è stato realizzato dalla University of Arkansas Rome Center in collaborazione con Roma Capitale - Assessorato alla Trasformazione Urbana, la Philadelphia University, il Dipartimento di Ingegneria Civile, Edile e Ambientale (DICEA) dell'Università "La Sapienza" e la Facoltà di Architettura dell'Università "Roma Tre", nonché con la collaborazione della Association of American College and University Programs in Italy e dell'associazione "CittadinanzAttiva".

L'iniziativa, promossa all'interno delle celebrazioni per l'Anno della Cultura Italiana negli Stati Uniti, ha avuto il patrocinio dell'Ambasciata degli Stati Uniti d'America in Italia e di Roma Capitale, che ha fornito anche una preziosa collaborazione tecnica e culturale grazie agli esperti dell'Assessorato alla Trasformazione Urbana.



**FLAMINIA CROSSING** proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



Annie Amisola  
Olivia Cervasio  
Morgan Conway  
Giulia De Cunto

**GROUP 01**





# Cultural Axis



Master Plan



Vehicular Traffic - Current



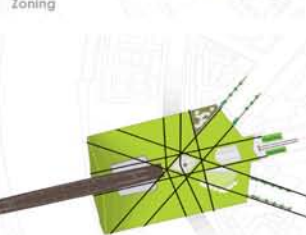
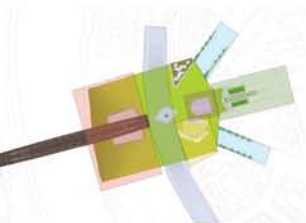
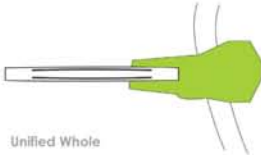
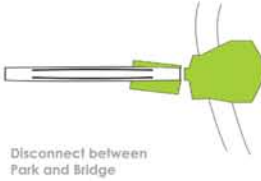
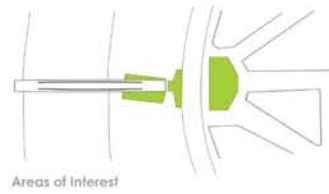
Vehicular Parking Pedestrian Proposed



Vehicular Traffic - Current



Vehicular Traffic - Proposed



## FLAMINIA CROSSING

proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



Jonathan Evans  
Caitlin Feroce  
Simona Gentile  
Chris Lutz

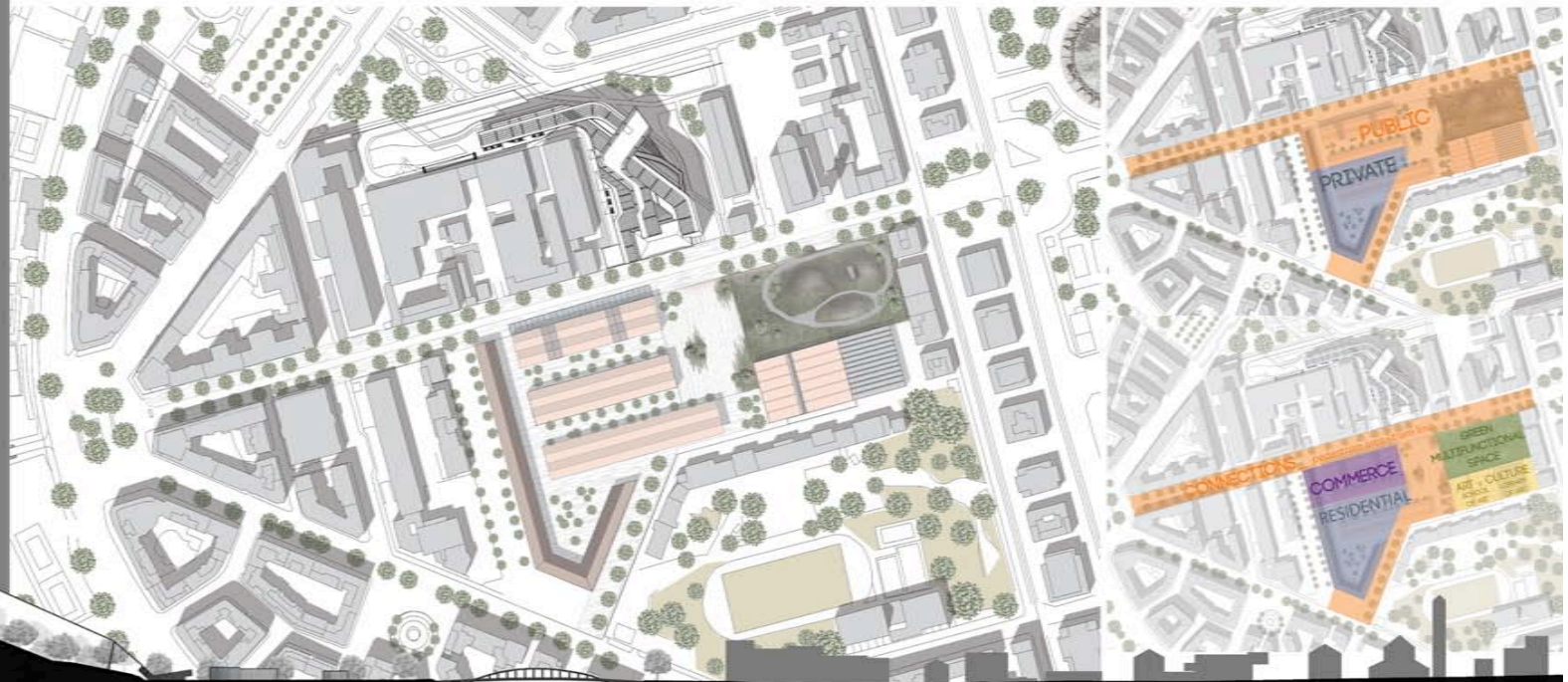
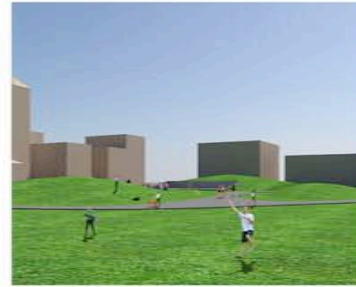
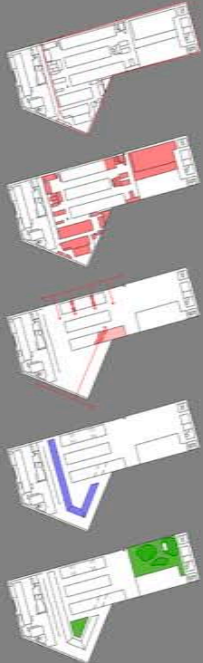
## GROUP 02





## The T(h)ree Hills

Some of the main urban context that we saw important to connect to was, the adjacent Maxxi Museum, the Ponte Musica, and the Auditorium. In responding to the Maxxi, we created a central plaza proportioned directly in front of the Maxxi. We further enhanced this connection by creating a new pedestrian pathway that aligns with an existing axis and connects to the plaza created across from the Maxxi. In order to connect back to the Ponte della Musica, we used the same concept of materiality and proportions, highlighting the side pedestrian walkways and the central tram line. Our next goal was to draw a clear connection back to the Auditorium. We achieved this in two parts. One was we created a portico that extends out into the street, off an existing barracks, to connect back to Piano's Promenade. The next was the design of three hills, of three sizes, composed onto the new site in a similar manner to connect to Piano's small, medium, and large Auditoriums.



## FLAMINIA CROSSING proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome

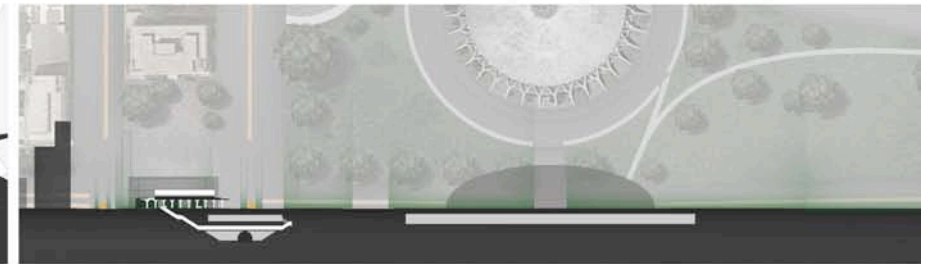
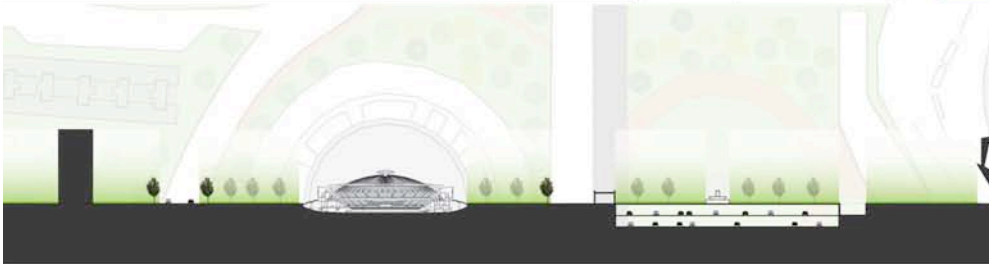
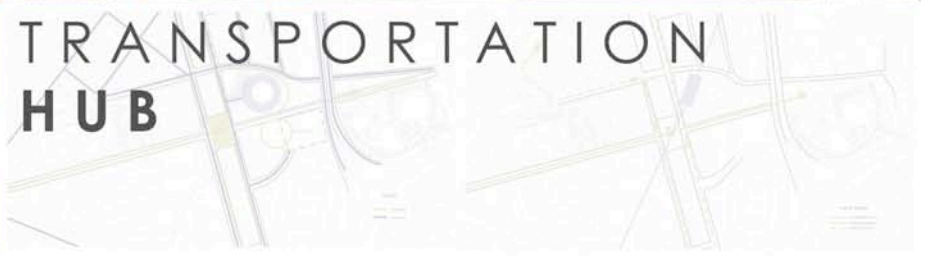
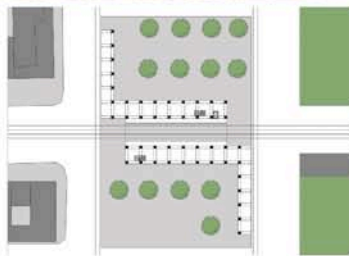
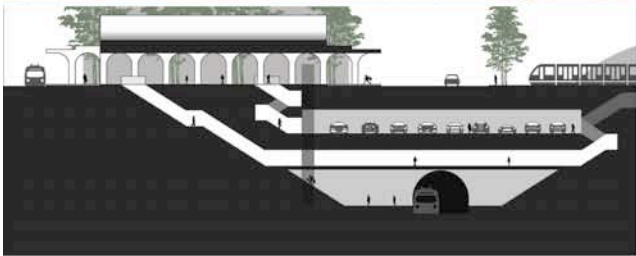


Brandon Hughes  
Nicholas Grimaldi  
Ludovica Sodomaco

## GROUP 03







**FLAMINIA CROSSING** proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



Ryan Hamrick  
Emma Lindsey  
Stefanie Lovallo

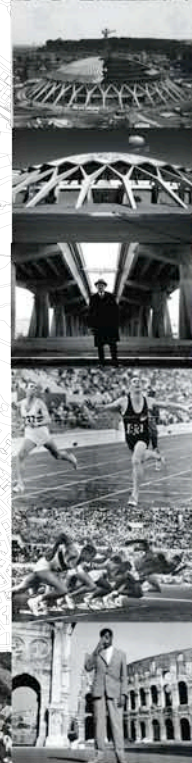
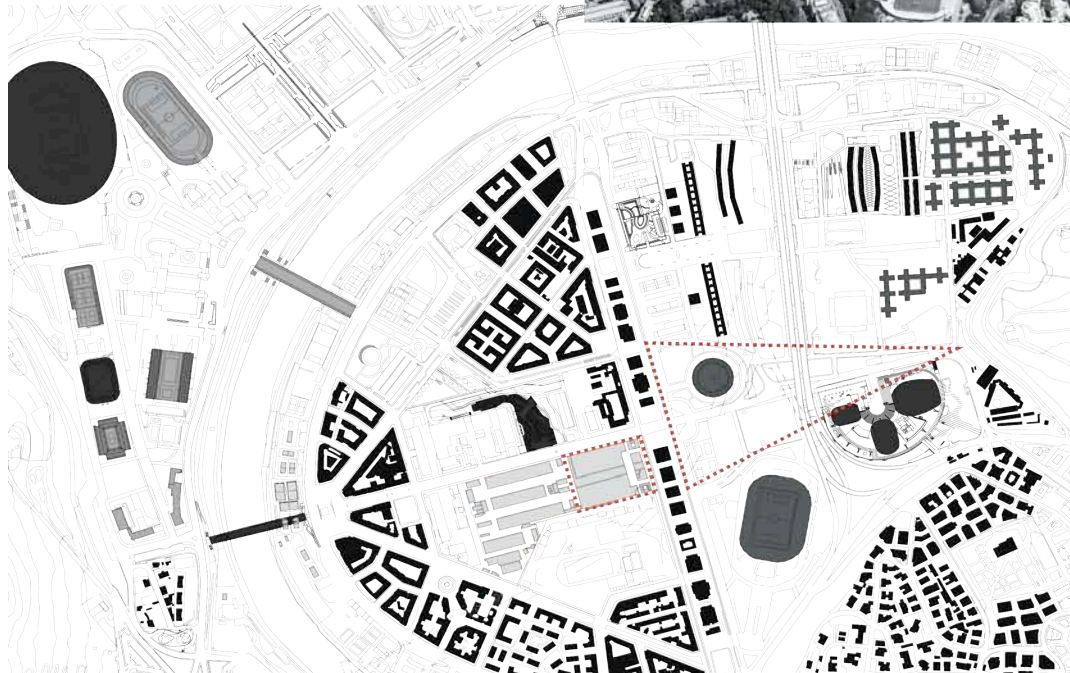
**GROUP 04**







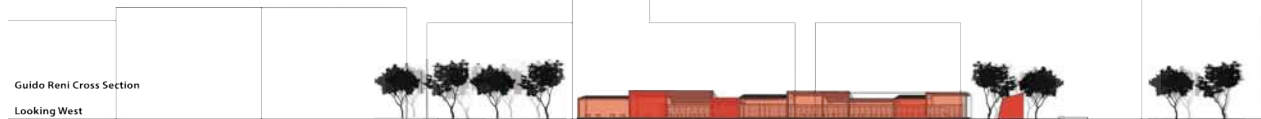
(Existing Fragmented Park Condition)  
Proposed Unified Park Master Plan



Proposed Unified Park  
Public Use Buildings

Rerouted Traffic  
Existing Traffic

Proposed Portico Extension with Commercial Space  
Existing Structure



Guido Reni Cross Section  
Looking West

# FLAMINIA CROSSING proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



Brent McDonnell  
Kyle Heflin

## GROUP 05



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YEAR OF ITALIAN CULTURE





# Ponte della Musica River Walk

The Ponte della Musica River Walk is a proposal along the Tiber river, located between the Ponte della Musica and the Ponte duca D'Aosta. The city of Rome is already starting proposals for the neighborhood along the Flaminia Crossing. Team 6's proposal is creating another extension to the city proposal to help expand the Flaminia Crossing, as well as help tie key landmarks within the area together. With this, we propose to extend the levee system up the Tiber River and create a River Walk, welcoming visitors and residents within the area. The city is focusing on a new metro line, piazzas and more green spaces within the area which is why our river walk proposal ties together with the city's current urban proposal. Some key points to the proposal focuses on four key areas. The beginning of the River Walk (Perspective A) will bring an open area to the currently closed off river bank. Next, the Walk can provide open areas (Perspective B) to sit and relax as well as an area for people to sit in shade for a period of time. The playground (Perspective C) would be replaced with a walking path that extends around the bike path, essentially in the shape of the Tiber River. For the proposal, the site would end at the Ponte duca D'Aosta with a skate park (Perspective D), available to skaters, boarders, and bikers. This can potentially keep them off of the Foro Italico entrance and gives them a space of their own.



PROPOSED SITE PLAN



PERSPECTIVE A



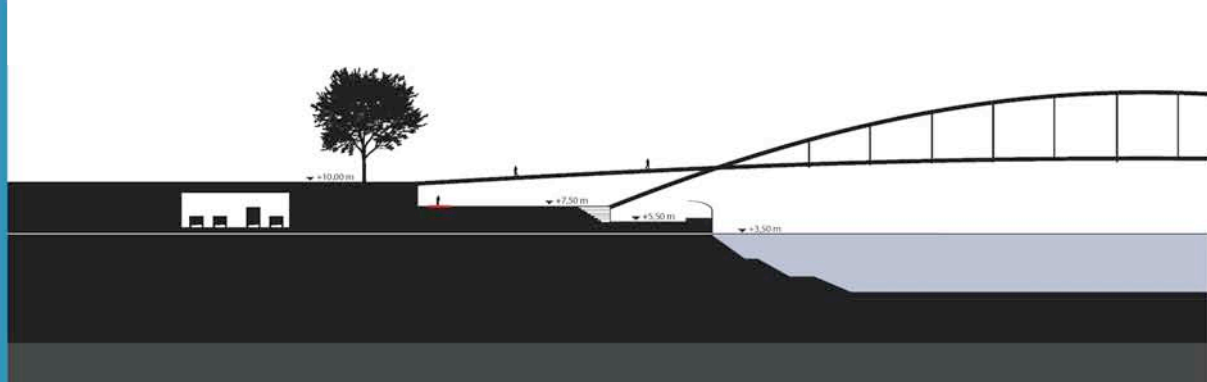
PERSPECTIVE B



PERSPECTIVE C



PERSPECTIVE D



## FLAMINIA CROSSING

proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



UNIVERSITY OF ARKANSAS



PHILADELPHIA UNIVERSITY

Daniel Hill  
Kaitlyn Monahan



ROMA TRE  
UNIVERSITÀ DEGLI STUDI

## GROUP 06



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YEAR OF ITALIAN CULTURE



Italy



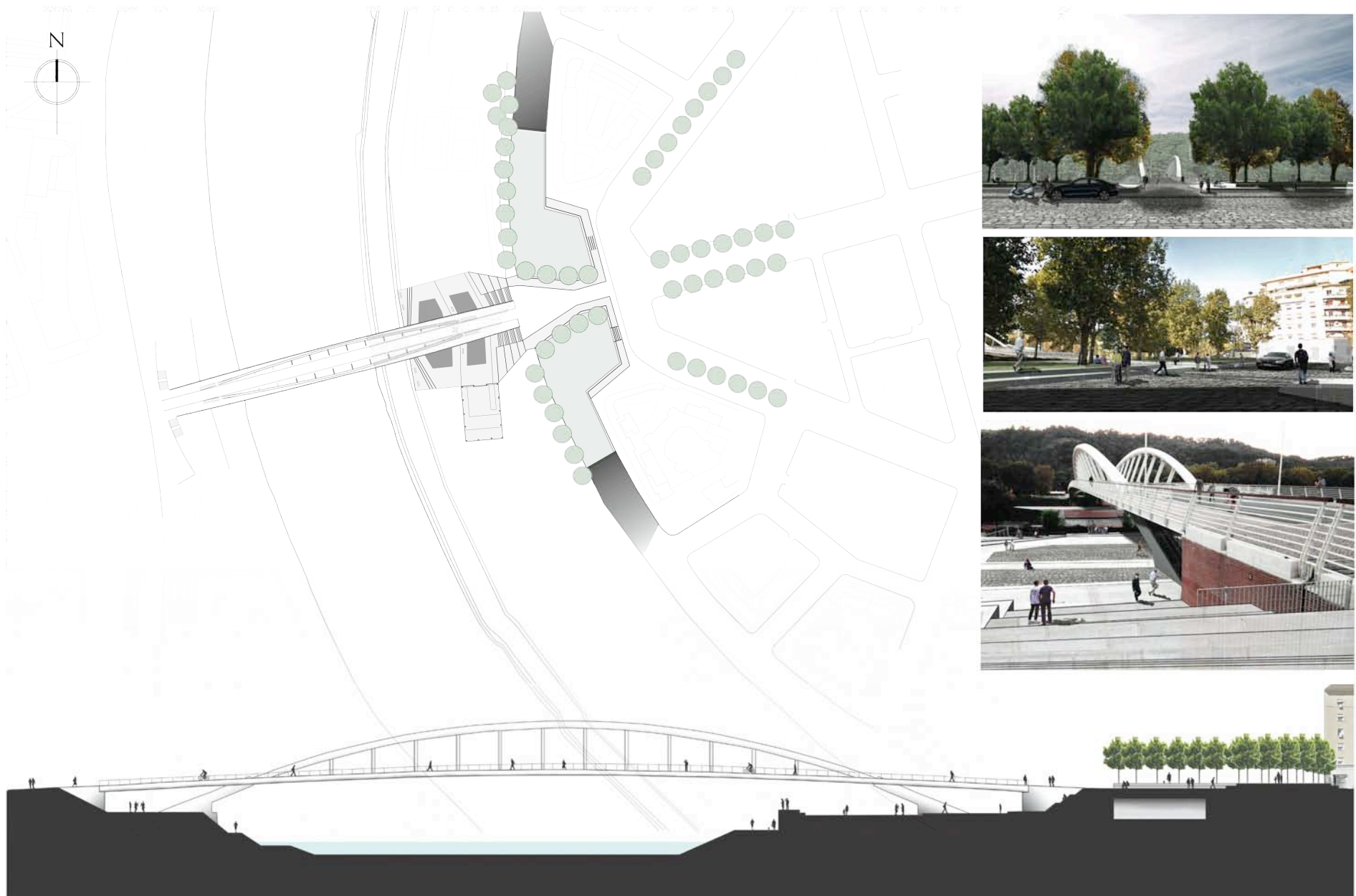
SAPIENZA  
UNIVERSITÀ DI ROMA

DEPARTAMENTO DE INGENIERIA CIVIL, ECOLÓGICA Y AMBIENTAL - UCA  
CENTRO STUDI ARCHEOLÓGICA LA CITTA'



CITTÀ DI ROMA  
CITTADINANZA ATTIVA





**FLAMINIA CROSSING** proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



AUSTIN HOOVER  
ERIN INOUE  
MATEUSZ PLEWA

**GROUP 07**



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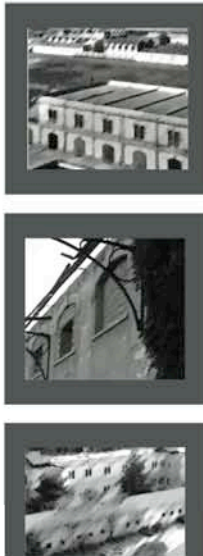
perspective elevated walk via guido reni



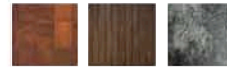
detailed section of via guido reni

street section with piazza & elevated walk

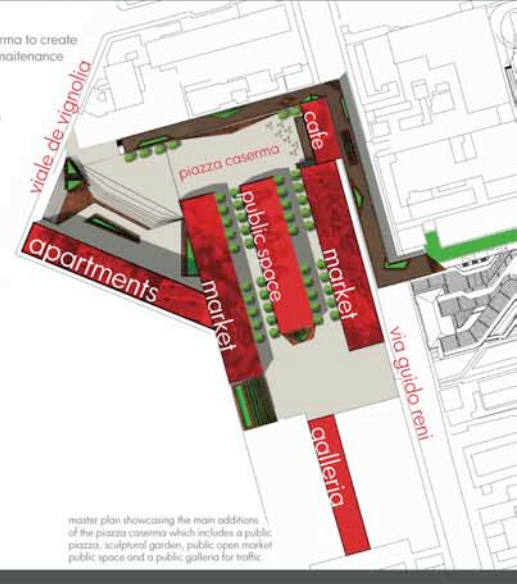
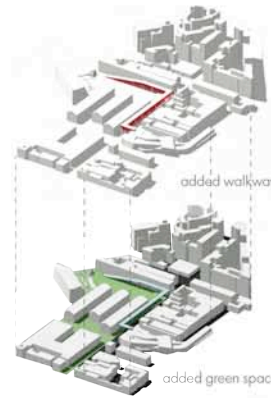
flaminia crossing the urban renewal and creation of  
**PIAZZA CASERMA**



material usage:  
utilizing pre-existing structural materials from the caserma to create structures and site installations that are low cost, low maintenance and sustainable.



- weathered steel
- slag concrete
- composite decking
- recycled steel
- native plants



master plan showcasing the main additions of the piazza caserma which includes a public piazza, sculptural garden, public open market public space and a public gallery for traffic

**FLAMINIA CROSSING** proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome

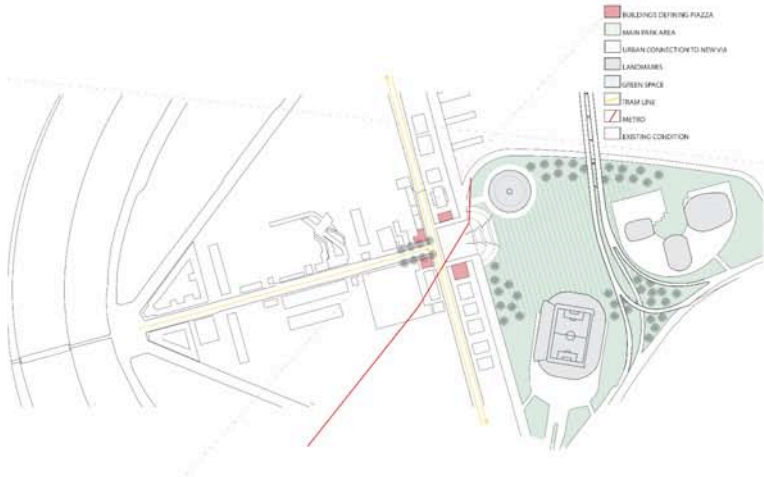
UNIVERSITY OF ARKANSAS PHILADELPHIA UNIVERSITY ROMA TRE UNIVERSITÀ DEGLI STUDI ALEX LITTLE AUSTIN MAGRUGER KRISTIN POOL **GROUP 08**



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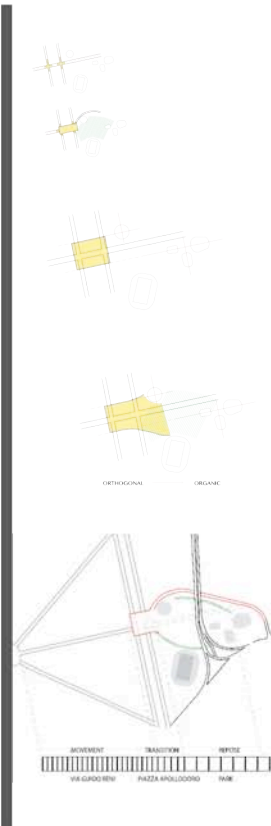
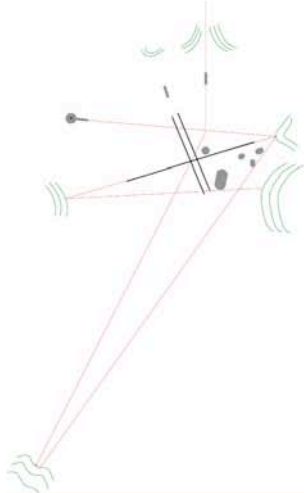






DESCRIPTION

WHILE TRAVELING THROUGH THE FLAMINIA CROSSING, ONE OF THE LARGEST THINGS THAT WE NOTICED AS A GROUP WAS THAT PIAZZA APOLLONORO WAS NOT A DEFINED PIAZZA. WITH THE LARGE AMOUNT OF TRAFFIC GOING THROUGH THE INTERSECTION, IT ALSO MADE PEDESTRIAN CROSSING MUCH HARDER THEN IT SHOULD BE. TO HELP WITH BOTH ISSUES, A REDEVELOPMENT OF THE PIAZZA WAS THE GOAL. TO MAKE FOR AN EASY TRANSITION FROM VIA GUIDO RENI TO THE PIAZZA, THE TREE LINE WAS CONTINUED DOWN TO FRAME THE ENTRANCE OF THE PIAZZA, THEN VIALE TIZIANO WAS REDIRECTED TO GO AROUND THE PIAZZA SO THAT ONCE SOMEONE IS INSIDE OF THE PIAZZA, THERE IS NO WORRY OF ANY CARS TRAVELING THROUGH AGAIN. THIS PIAZZA WOULD ALSO SERVE AS A GATEWAY OR TRANSITION SPACE INTO THE PARK WHICH WOULD CONNECT THE PALACETTA DEL SPORT, STADIO FLAMINIO, AND THE RENZO PIANO'S AUDITORIUM.







**FLAMINIA CROSSING** proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



Marie Laster  
Seth Spradlin  
Elizabeth Stinnett

**GROUP 10**



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Sessione trimestrale “Building Design Project: Nuova architettura per Flaminia Crossing”

*Ottobre – Dicembre 2013*

Gli studenti americani hanno avuto modo di prendere parte ad una sessione di approfondimento dedicata all’area della ex complesso militare di via Guido Reni.

La sessione di lavoro si è svolta presso Palazzo Taverna, in via di Monte Giordano, 36 a Roma, sede istituzionale della University of Arkansas Rome Center.

Docenti: Arch. Riccardo D'Aquino & Andrew Kranis , M. Arch , LEED AP, FAAR.

Coordinatore: Arch. Davide Vitali, Direttore University of Arkansas Rome Center.

Con la partecipazione dei docenti di Roma Tre:

Prof. Simone Ombuen (coordinatore degli studenti italiani partecipanti),

Prof. Francesco Ghio (supporto per la conoscenza dell’area di studio).

Con la collaborazione dell’Assessorato alla Trasformazione Urbana di Roma Capitale.

Una selezione di disegni progettuali è illustrata di seguito.

I temi sviluppati nei seguenti quattro progetti selezionati rappresentano il lavoro di 28 studenti americani nell'arco di 14 settimane a Roma.

Le idee progettuali sono legate tra loro da una sorta di principio di "*conservazione della memoria*" che è stato uno degli argomenti fondamentali del corso tenuto a Palazzo Taverna presso l'UARC Rome Center.

Conservazione fisica e del significato architettonico ed urbano di alcune parti degli ex Stabilimenti Militari per la produzione di materiali elettrici di precisione.

Ci si è ispirati al luogo di produzione, inserendo in porzione dell'area un "incubatore" di arte, artigianato e professioni: uno spazio produttivo, attrattore di persone e di altre funzioni che potrebbe rappresentare il volano di una rivitalizzazione effettiva dell'area e del quartiere. Una parte della conservazione ha interessato aspetti più fisici delle strutture esistenti come alcune parti degli shed di copertura, parte delle strutture verticali in ghisa, parte della continuità muraria di via Guido Reni.

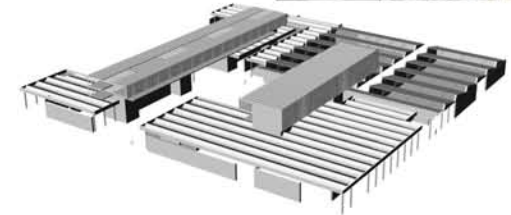
Un altro intervento ha riguardato l'inserimento del verde, componente fondamentale della lettura urbana del Flaminio; la conservazione dell'impianto urbano degli ex-Stabilimenti e della sua struttura a "viali" tra gli edifici, bordati da tigli - pianta storica di Roma ottocentesca poi sostituita dai più robusti platani; l'idea del "boulevard" di via Guido Reni, dal Ponte della Musica fino all'Auditorium, potenziando le relazioni tra la strada e le aree interne fino all'attraversamento verso via del Vignola.

Tutto questo senza rinunciare ad una architettura contemporanea che - si è comunemente ritenuto - non sia sinonimo di "astrazione" dal contesto ma che, al contrario, trovi la sua forza espressiva, la sua geometria costruttiva e la sua regola compositiva proprio nel legame con il Luogo.

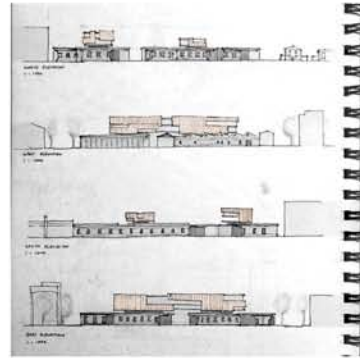


NEIGHBORHOOD INCUBATOR : VILLIAGE OF UNIFIED DIVERSITY

WORK SPACE AND HOUSING IS PROVIDED FOR YOUNG PROFESSIONALS TO JUMP START CAREERS THROUGH THE NEIGHBORHOOD INCUBATOR. INTEGRATION OF THE PROGRAM PROVIDED BY THE NEIGHBORHOOD INCUBATOR WITH THE EXISTING CASERMA SITE IS EXECUTED THROUGH GESTURES OF LIFT AND RECESSION OF THE EXISTING STRUCTURES TO FILTER THE SPACE AS WELL AS CREATING NEW FREE GROUND SPACE FOR THE PUBLIC AND PRIVATE REALMS. WALLS ARE REMOVED AND TRABEATED STRUCTURE IS EXPRESSED THROUGH NEW ARCHITECTURE. AUXILIARY BAR COMPONENTS LOFTED ABOVE THE EXISTING ROOF CONDITION SERVE AS PRIVATE SPACES FOR RESIDENTS AS WELL AS CREATING FUNCTIONAL DIVERSITY WITHIN THE SITE. THESE BAR COMPONENTS ACT AS A LINKAGE BETWEEN PROGRAMS WHILE WORKING WITH THE EXISTING ROOF TO UNIFY THE SITE AS A WHOLE THROUGH THE EXPRESSION OF SURROUNDING AND FOCALIZING ON A CENTRAL, ALL INCLUSIVE ATRIUM SPACE IN WHICH THE INCUBATOR REACHES ITS NUCLEUS.



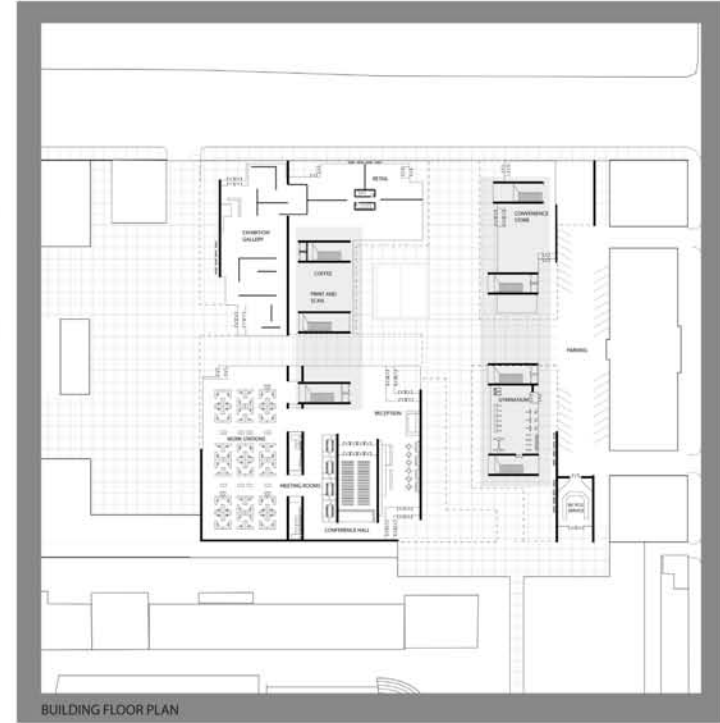
SITE SECTION FROM WEST



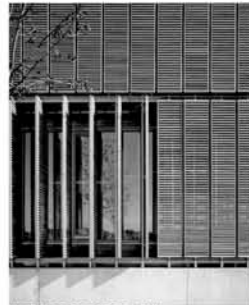
ELEVATION STUDIES



BUILDING ROOF PLAN



BUILDING FLOOR PLAN



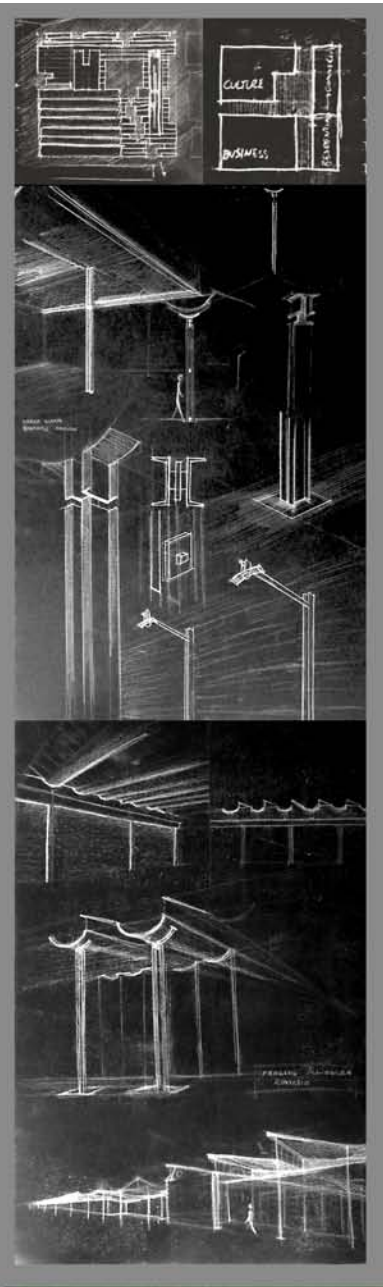
EXTERIOR FACADE DETAIL



WATER DRAINAGE



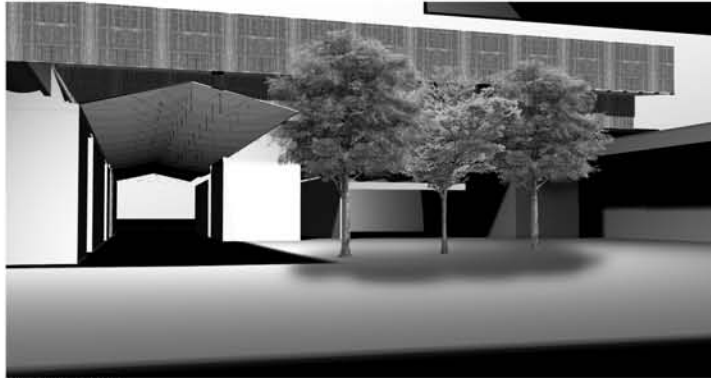
SITE SECTION FROM NORTH







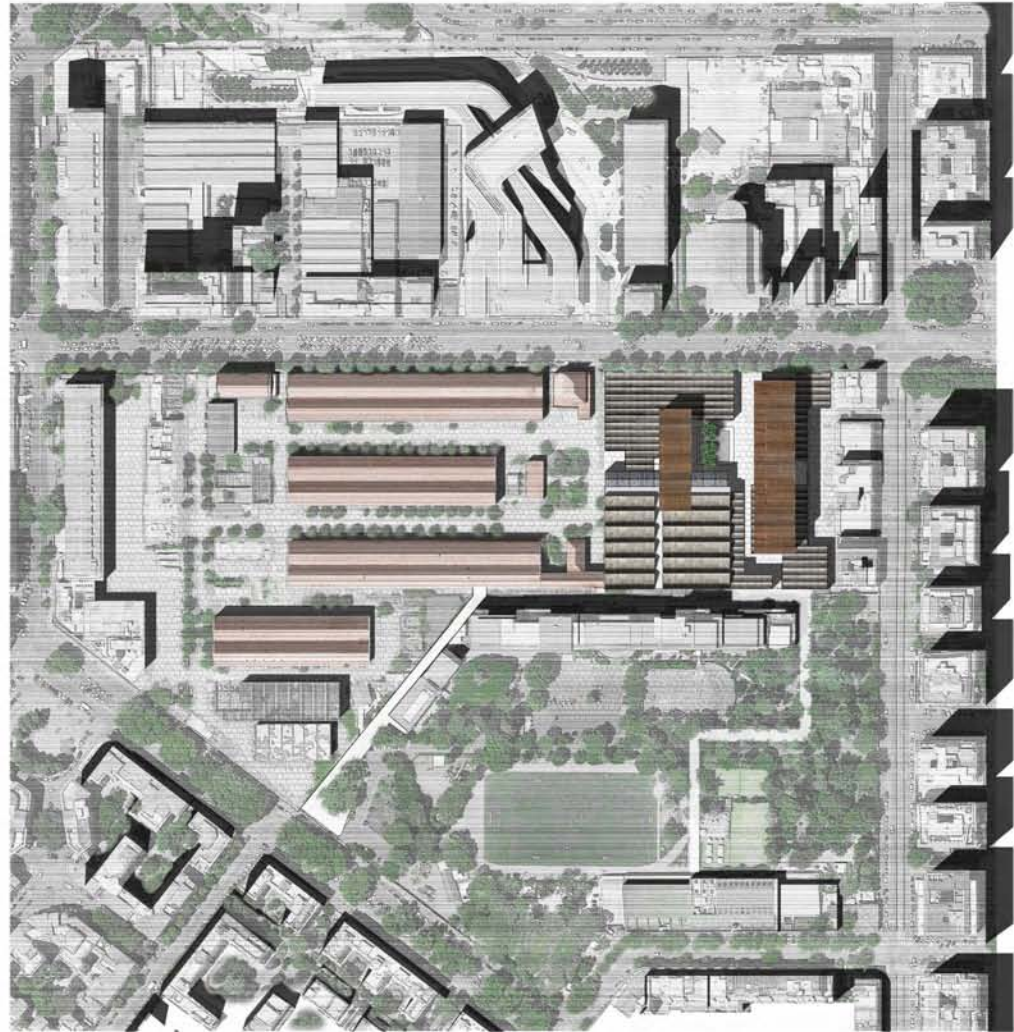
EXTERIOR ENTRANCE TO SITE



EXTERIOR ATRIUM



INTERIOR WORK SPACE



SITE ROOF PLAN

NORTH ELEVATION



AUSTIN HOOVER

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proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



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PHILADELPHIA UNIVERSITY



ROMA TRE UNIVERSITÀ DEGLI STUDI

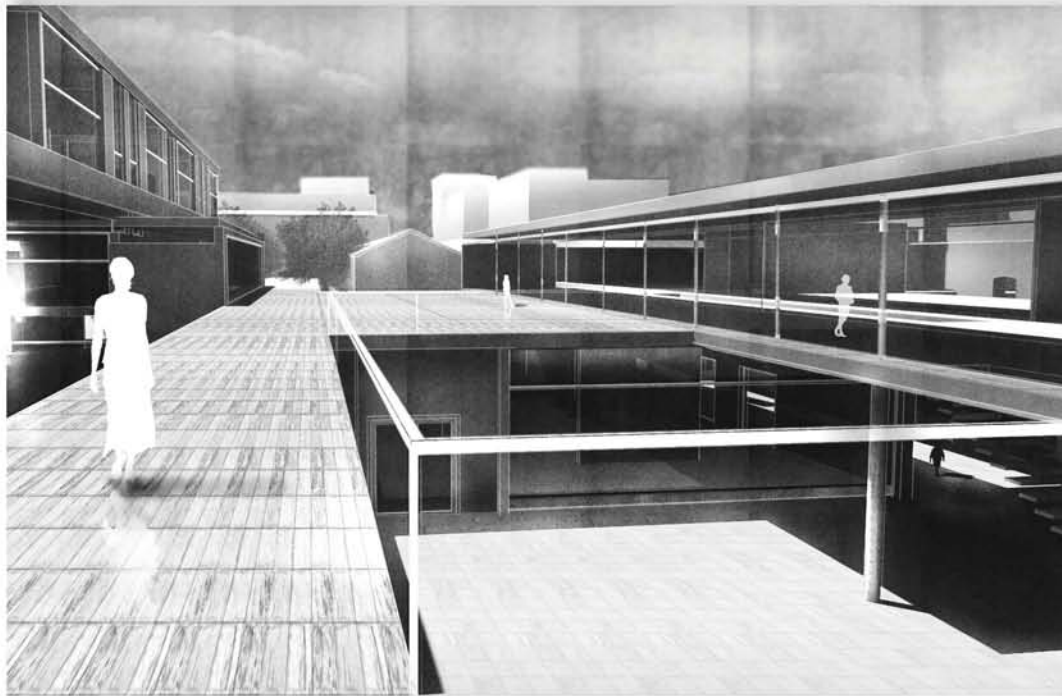
Austin Hoover



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HOUSING PLAN 1:200



Cross section 1:200



NORTH SOUTH CROSS SECTION 1:400



EAST ELEVATION 1:400

# FLAMINIA CROSSING

proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



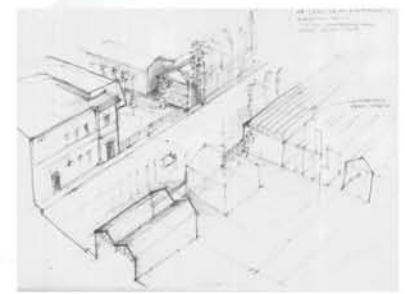
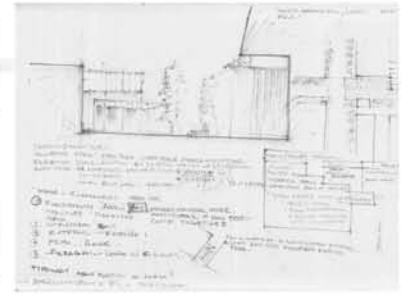
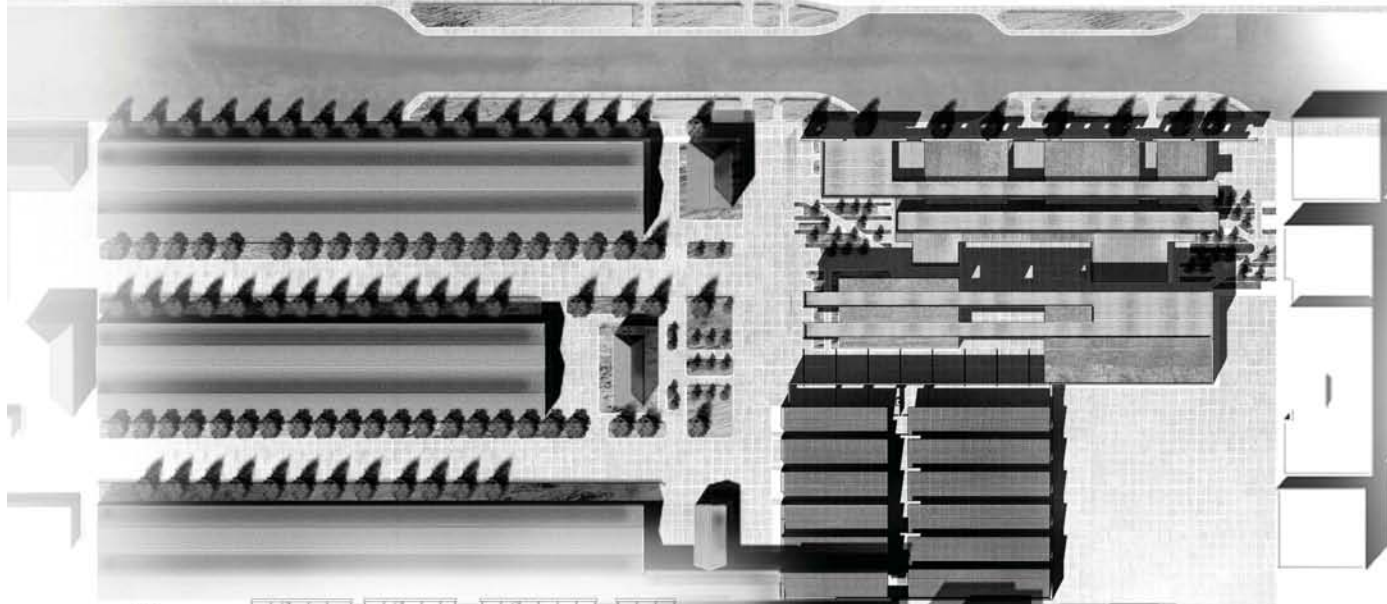
Austin Magruder



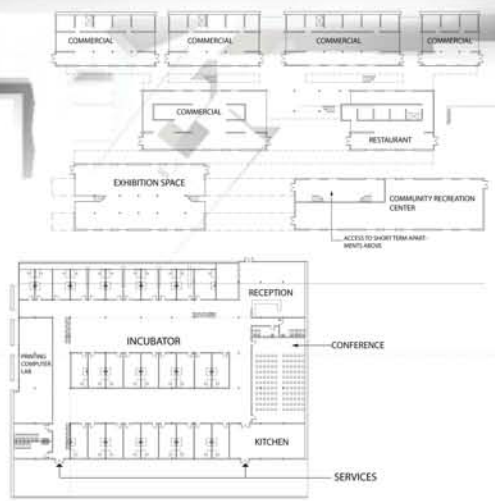
**"THE NEIGHBORHOOD INCUBATOR"**

TAKING EXISTING ORDERS ESTABLISHED BY THE CASERMA COMPLEX AND GREATER URBAN PLAN THE PROJECT CONTAINS A SERIES OF LINEAR FORMS THAT FILTER PEDESTRIANS OFF OF VIA GUIDO RENI AND DEFINE A NEW PUBLIC CENTER WITHIN THE SITE. IN ADDITION THESE LINEAR FORMS ORDER THE PROGRAM BY SEPARATING PUBLIC AND PRIVATE SERVICE AND SERVED TO CREATE A SYMBIOTIC RELATIONSHIP BETWEEN PROGRAMS ON THE SITE. THE GOAL IS TO CREATE A PLACE WITHIN A CURRENTLY WALLED OFF SITE THAT WILL BE A CATALYST FOR NEW URBAN DEVELOPMENT IN THE AREA. THE INCUBATOR WILL HOUSE SUCH AS WORK SPACE, MEETING ROOMS COMPUTERS AND PLOTTERS TO HELP LAUNCH YOUNG PROFESSIONALS INTO THE COMMUNITY AS LEADERS OF THEIR TRADES.

AUSTIN MAGRUDER



Site plan 1:750



GROUND FLOOR PLAN 1:500



**FLAMINIA CROSSING** proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



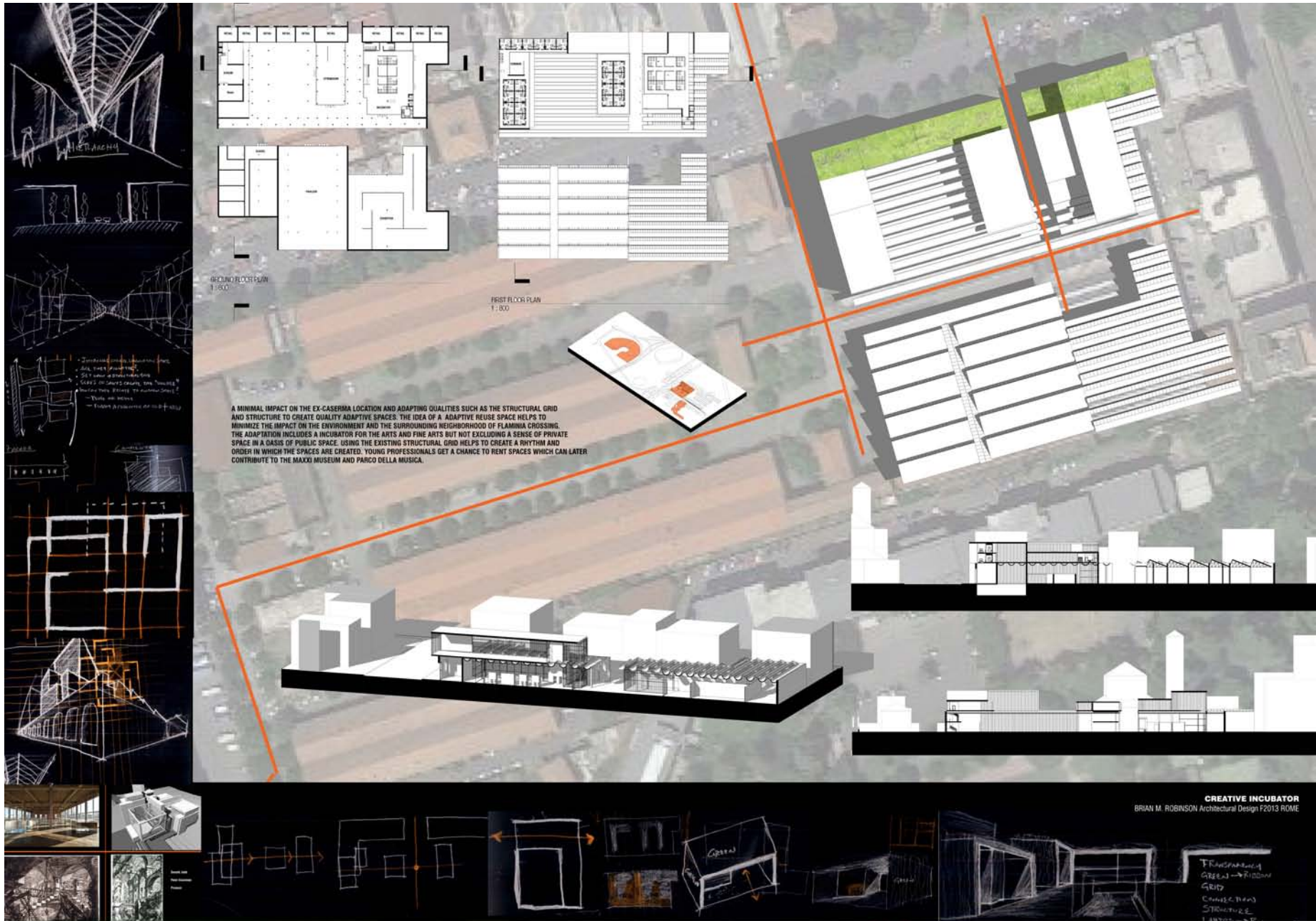
Austin Magruder



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# FLAMINIA CROSSING proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



Brian Robinson

CREATIVE INCUBATOR  
BRIAN M. ROBINSON Architectural Design F2013 ROME



CREATIVE INCUBATOR  
BRIAN M. ROBINSON Architectural Design F2013 ROME

**FLAMINIA CROSSING** proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



Brian Robinson

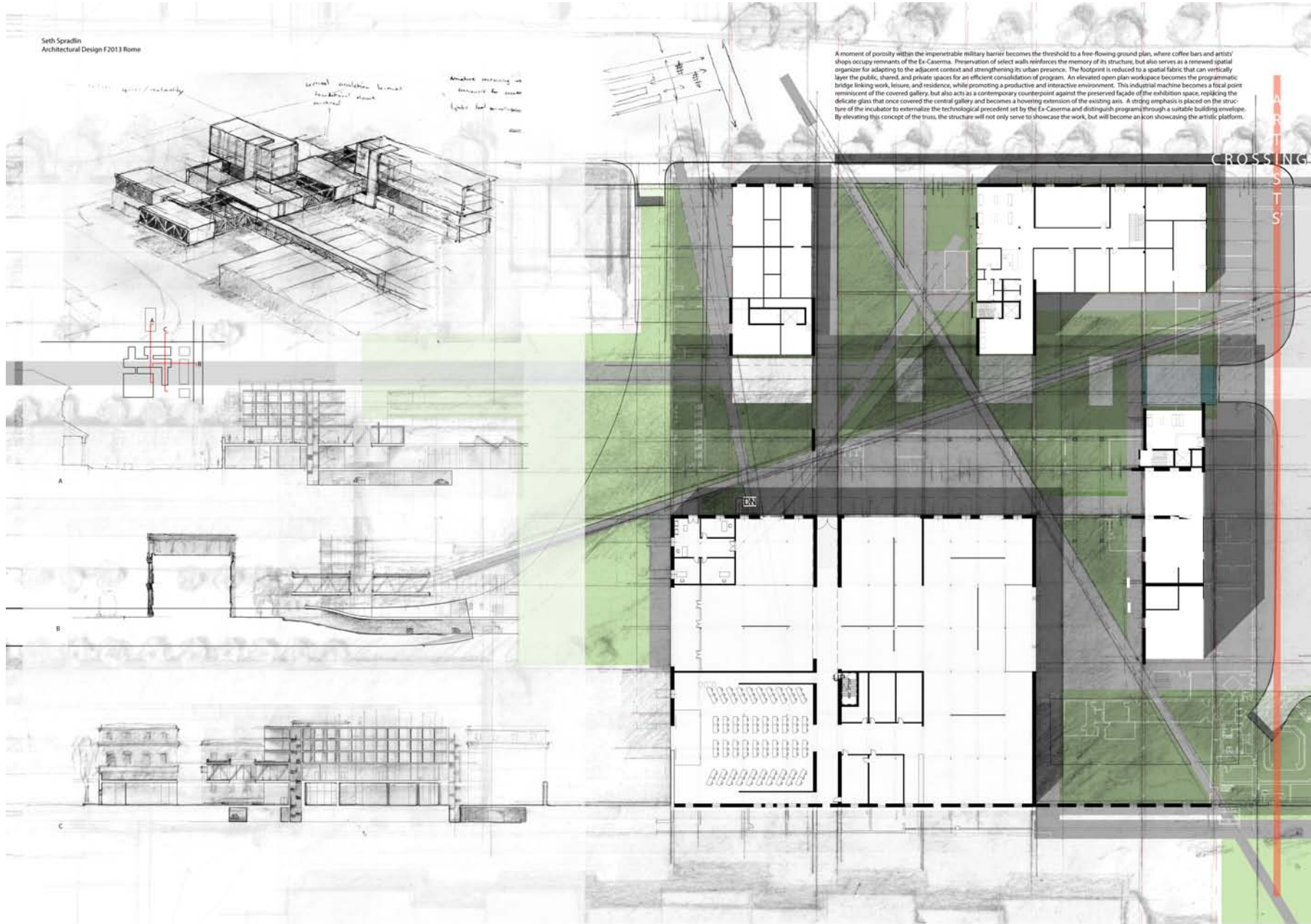
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A moment of porosity within the impenetrable military barrier becomes the threshold to a free-flowing ground plan, where coffee bars and artists' shops occupy remnants of the Ex-Caserma. Preservation of select walls reinforces the memory of its structure, but also serves as a renewed spatial organizer for adapting to the adjacent context and strengthening its urban presence. The footprint is reduced to a spatial fabric that can vertically layer the public, shared, and private spaces for an efficient consolidation of program. An elevated open plan workspace becomes the programmatic bridge linking work, leisure, and residence, while promoting a productive and interactive environment. This industrial machine becomes a focal point reminiscent of the covered gallery, but also acts as a contemporary counterpoint against the preserved facade of the exhibition space, replicating the delicate glass that once covered the central gallery and becomes a hovering extension of the existing axis. A strong emphasis is placed on the structure of the insulator to externalize the technological precedent set by the Ex-Caserma and distinguish program through a suitable building envelope. By elevating this concept of the truss, the structure will not only serve to showcase the work, but will become an icon showcasing the artistic platform.

CROSSING

ARTISTS

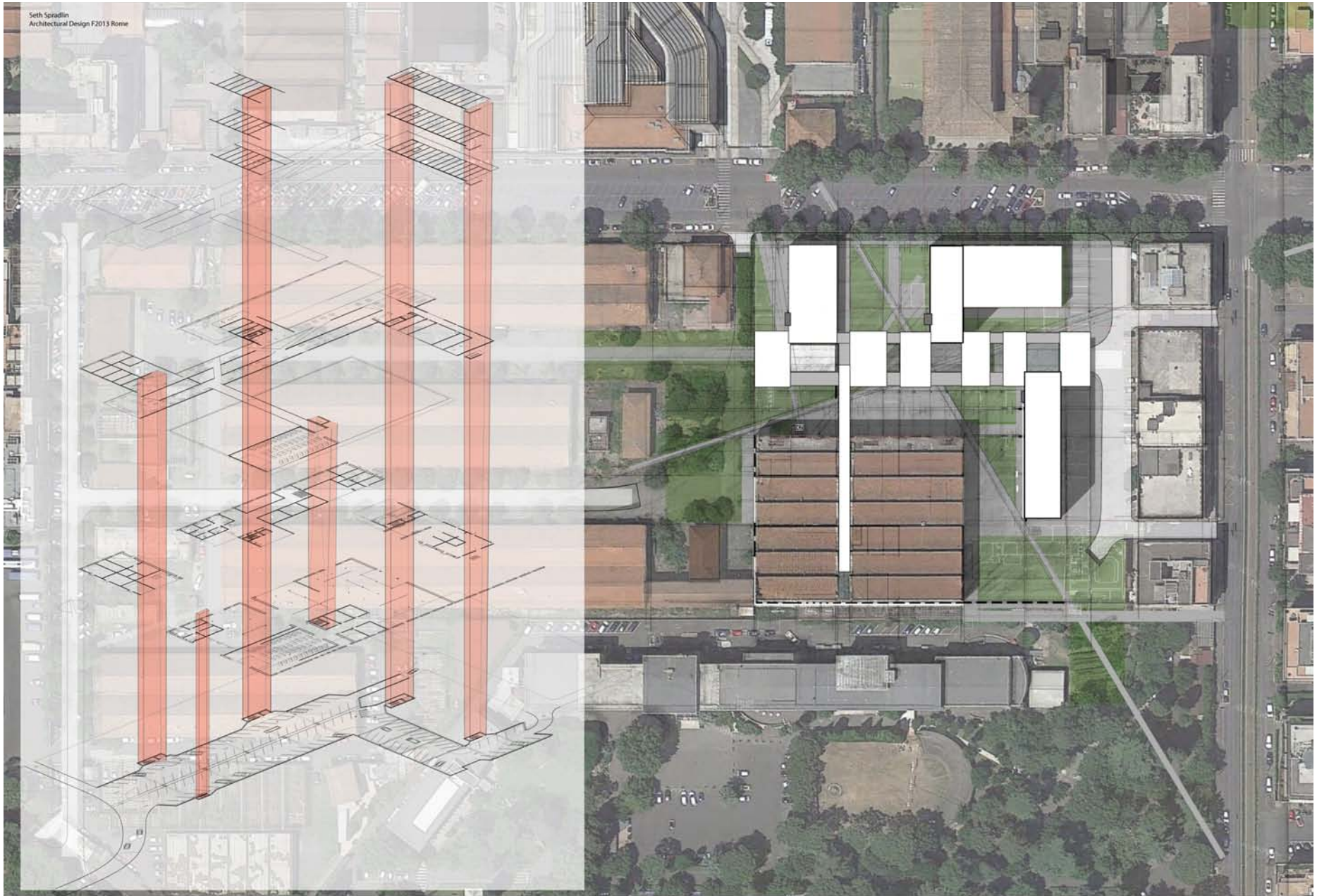
**FLAMINIA CROSSING** proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



Seth Spradlin







# FLAMINIA CROSSING

proposals for the urban regeneration of the Via Guido Reni Cultural Axis in Rome



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