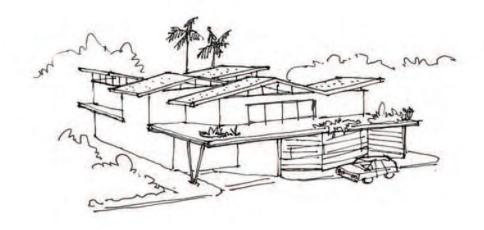
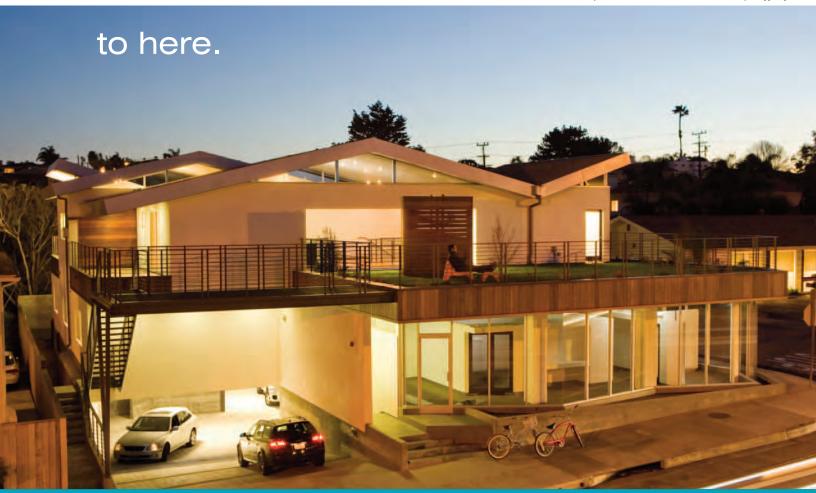


### Getting from here . . .



WV Mixed-Use Project, Manhattan Beach, California Photo by Gregg Segal



POON DESIGN INC. 12964 WEST WASHINGTON BOULEVARD LOS ANGELES, CALIFORNIA 90066 310-277-8855 www.poondesign.com

### Introduction:

### What is the Architectural Process?

Poon Design Inc. is often asked "how do we get from the beginning to the end?" Though each project is unique, this booklet outlines the six typical phases that we explore with each client.

- 1. Planning
- 2. Schematic Design
- 3. Design Development
- 4. Construction Documents
- 5. Plan Check and Bidding
- 6. Construction Administration

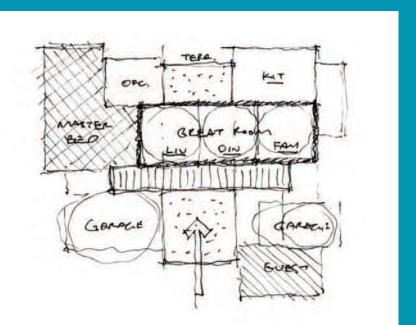
The following pages briefly describe each phase. After the descriptions, we include images that depict Poon Design's creative process, the collaboration, and some of our tools and methods.

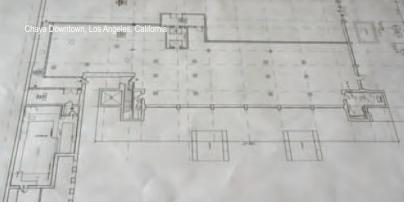
Visit www.poondesign.com, (310) 277-8855.

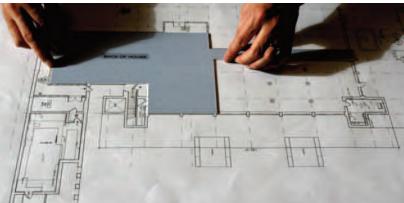


### Phase 1 of 6: Planning

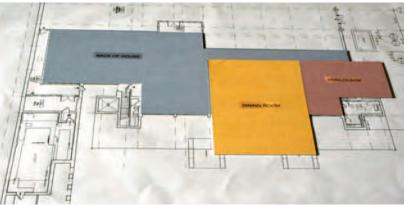
Known also as "pre-design," this phase outlines the programmatic goals of the client's project. If a house, we ask: how many bedrooms, pets, home theater, etc.? If a school, we ask: how many students, teaching methods, multi-story, etc.? We learn who you are, and build a strategy for your vision becoming a reality.







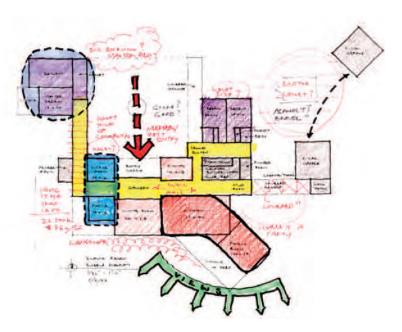






### PRELIMINARY PROGRAM A: CONVENTIONAL 360 to 420 Student Capacity (Add 120 for Specialized Classrooms)

PROC	GRAM	No. of People	NSF/ Person	N\$F/ Space	No. of Spaces	Proposed NSF	Previous	Comments
1.0	General Classrooms							
1.1	Classroom	15	45.00	675	21	14,175	12,000	4 dassrooms per clu
1.2	Language Lab	15	66.67	1,000	0	0	2,400	clusters.
1.3	Restroom: Male & Female			500	4	2.000	1.000	
	Subtotal					16,175	15,400	
2.0	Science							
2.1	Science Labs	15	66.67	1.000	7	7,000	9,600	
2.2	Science Prep Room			250	7	1,750	0	
	Subtotal					8,750	9,600	
3.0	Art							
3.1	Art Room	15	68.66	1,000		1.000	1.000	
3.2	Art Room Storage	19	90,00	150		150	200	
3.3	Ceramics Lab	15	66.66	1.000		1,000	0	
3.4	Kiin Room	14	90.00	150		150	0	
3.5	Multimedia Lab	15	66.66	1,000		1,000	1,500	Graphic Arts, Photoc
3.6	Photography Dark Room	1.0	00.00	350		350	0	To be evaluated
	Subtotal			200		3,650	2,700	To be evaluated
	Technology Control							
4.0	Technology Center	100				2 444	200	
4.1	Technology Center	15		1,000		1,000	5,000	
4.2	Process Lab	15		825		825	0	
4.3	Life Skills Lab	15	55.00	825	- 1	825	0	
	Subtotal	-				2,650	5,000	
5.0	Library/Media Center							
5.1	Librarian's Office			180		180	300	
5.2	Circulation Desk/Reception			200		200	500	
5.3	Work Room/Processing			250		250	300	
5.4	Media Equipment Room			250		250	1,000	
5.5	Reading Area	150	22.50	12871.5		3,375	10,000	Accomodates 150 S
5.6	Stack Area			685		685	0	1,200 LF = 8.500 vo
5.7	Study Room	8	25.00	1000	-	400	500	
5.8	Restrooms: Men & Women			75	2	150	200	
5.9	Storage					0	500	
	Subtotal					5,490	13,300	Previously 6,850 NS
6.0	Music							
6.1	Choir/Vocal Room	15	80.00	1,200	1	1,200	0	
6.2	Instrumental Room	15	125.00	1,875	. 1	1,875	0	
6.3	Instrument Storage			200	1	200	0	
6.4	Small Music Practice Room	2	40.00	80	1	80	0	
6.5	Large Music Practice Room	4	40.00	160	1	160	0	
	Subtotal					3,515	0	



### Phase 2 of 6: Schematic Design

Here, we launch the creative process. We explore design ideas, sketching conceptual options for the goals of your building.

Collaboratively with the client, Poon Design balances the artistic character and expression with a preliminary budget and schedule. Through a roll-up-your-sleeves process, we define the Big Picture.

CAP Mixed-Use Project, Los Angeles, California





S/B Residence, Encino, California

Hillside House, Los Angeles, California

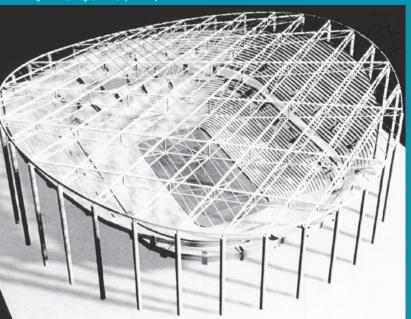




# Phase 3 of 6: Design Development

We then develop and refine. We study forms, shapes, square footages and details. With consultants such as structural and mechanical engineers, we coordinate the technical aspects of the client's design, ensuring that the project is in accordance with agency codes, as well as budget and schedule.

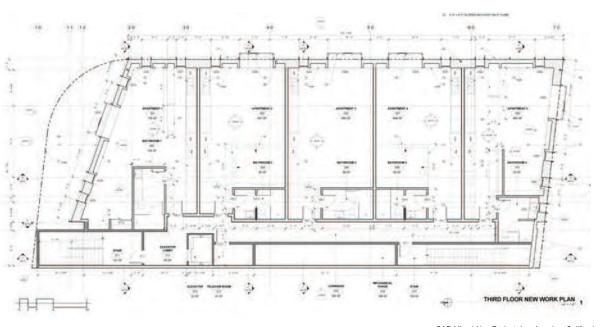
Taegu Arena, Taegu, Korea, by Anthony Poon while w/ NBBJ





Hollywood House, Los Angeles, California

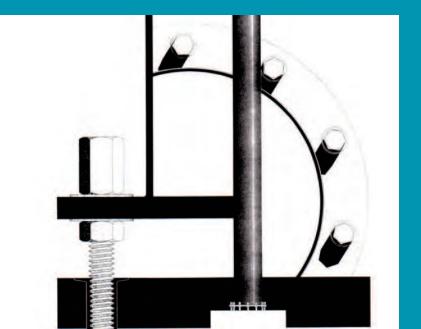
Chaya Downtown, Los Angeles, California

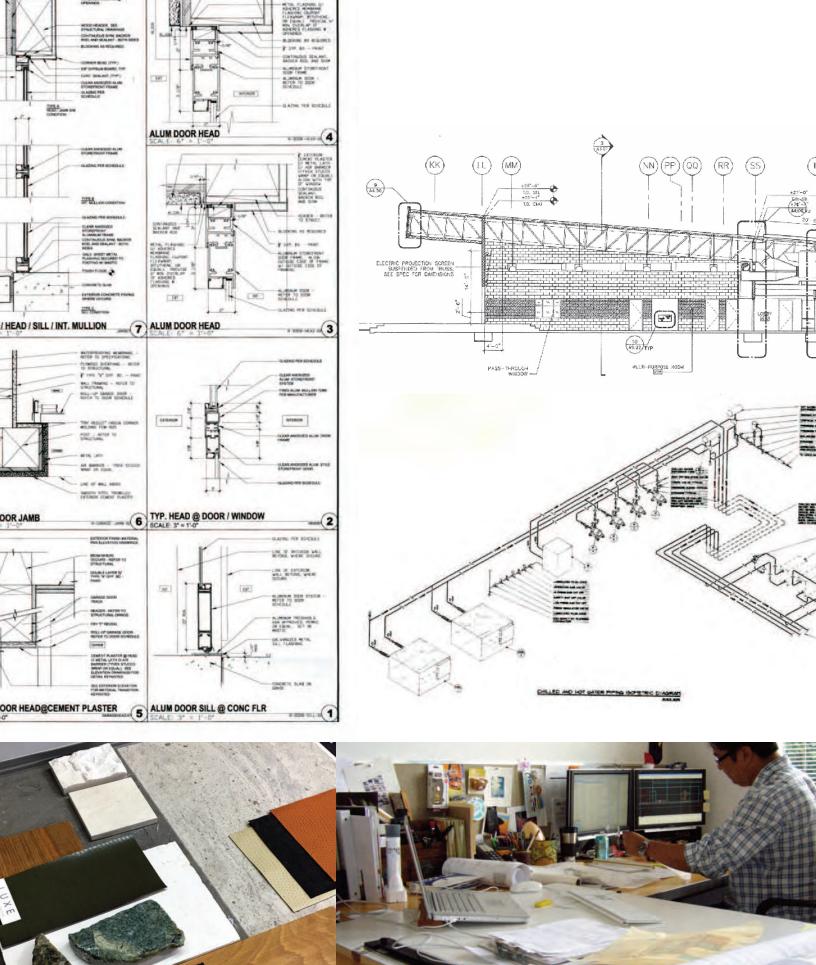


CAP Mixed-Use Project, Los Angeles, California

### Phase 4 of 6: Construction Documents

In conjunction with the engineers and consultants, Poon Design produces the Construction Documents, a detailed set of drawings that demonstrates to the city and your general contractor how your project will be executed. Also used to apply for the client's building permit, our drawings explain many aspects of the building: dimensions, roof drainage, window details, wood stains, and lighting layout—just to name a few.





### Phase 5 of 6: Plan Check and Bidding

One half of this phase is Plan Check, where the Construction Documents are submitted to the relevant city agencies for approvals.

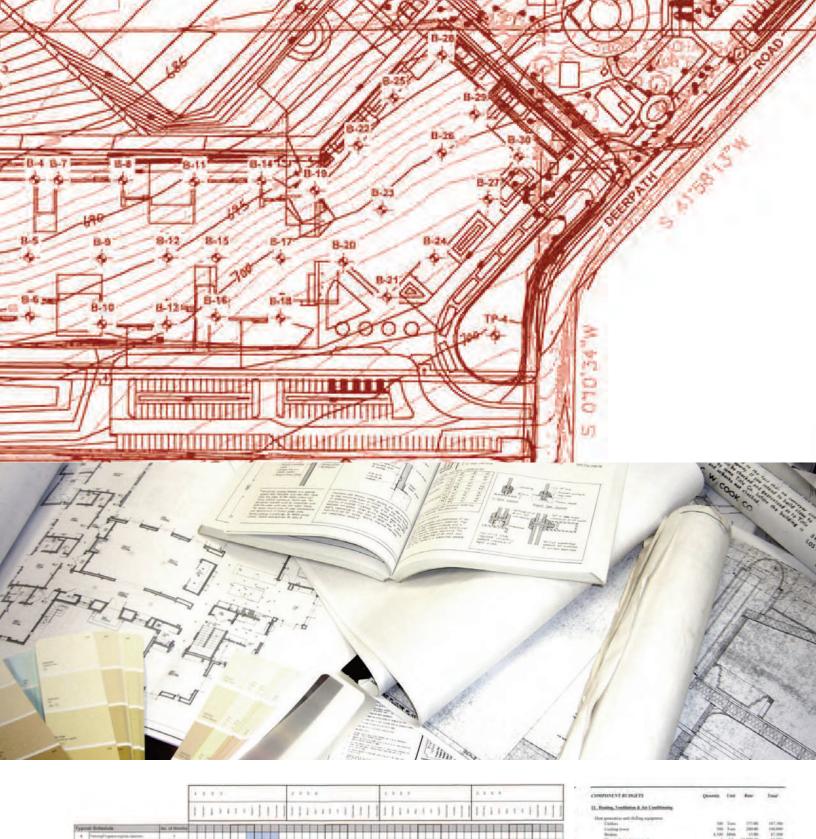
The other half of this phase is bidding, where the Construction Documents are provided to potential general contractors to submit competitive bids of construction costs. Poon Design assists you in reviewing bids--ensuring the bids meet the design intent, combining creative expectations with the realities of a budget.

A Food Service	Addwarder	9200.000
B. Theater	Allowance	\$200,000
C. Gymnasium	Allowance	\$50.000
II Aquelic Center	Allowance	\$50,000
Subtotal		\$500,000

Subtotal Construction Costs			\$25,870,000
Contractor's General Conditions, Overhead & Profil	17%		\$3,080.400
Design Contingency	12%		\$3,450,048
Escalation to August 2005 St 4% per year, compounded	171		\$2 627 567
Total Construction August 2005 Costs		\$267.91	\$34,828,005

#### Section 2: OTHER PROJECT COSTS (Soft Costs)

OTHER PROJECT COSTS	Unit	Unit Cost	Subtotal
A. Furniture	\$1,000	\$12.00	\$960,000
B. Fultures and Equipmed)	-81,000	\$1.00	\$240,000
C Technology Computers etc.		Allowance	\$100,000
Moveable Equipment	60,000	\$3.00	\$240,000
E. Signatur		Allowande	4100,000
Subtotal			\$1,640,000
Statistion to August 2005 (E 4% per year, compounded	816		\$133,824
Total August 2005 Dollars			\$1,773,824
Professional Fees  A. Architecture & Engineering  B. Special Consultants. Apountics. Theater Technology em: C. thansoff & E. Design  D. Reimburssatte Expension.	10% 27% 10% 8%		\$3,482,800 \$696,560 \$177,362 \$348,539
Subtotal			\$4,705,262
Owner's Administrative Costs A. Construction Manager Fer., typically 8% B. Construction Gentingency/Charge Discers/Ainforeseen Contitions			\$0 \$4,130,711



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COMPONENT BUDGETS	Quantity	Link	Rate	Fenn'
T. Hrating, Ventilation & Air Conditioning.				
Most generation and chilling a paperson.				
Chillers	700	Im	375.00	197,700
Excling sizes	100	740	200.00	100,000
Boolers	8,100	Make	15.00	67,566
Obmical want tentment	Y	8.0	15,000-00	15.000
Mornal expansion compensation and circulation	110,000	187	0.25	27,940
Figing, friengs, valves mit simulation	110,000	SP	6.60	663,888
the baseling repayment				
C10,000 vms	6	14	E50,000,00	#50,00E
Scapil attenuation	(10,000	Cin	830	19,000
Fan-cirl sout, martine name:	1	15	11,000.00	15,000
Kitchen make-up	1,000	150	2.90	12.500
NAV toxes, terminal release (1 mm str)	120	100	710-00	PO.089
for distribution and return				
Craft proposil disselsantal descriveds	110,000	116	-6-00	710,000
Kitches green valuant thereesk.				
16 gar Weldest	1,000	148	9.50	17,58
Flexible ductionsk	4.000	1.0	7.50	16,000
Danquer				
Volum	100	LA	45.03	16,000
Ter main	T.	1.0	45,000.00	45,000
Becketten	54,586	100	5-90	150 (mc
Difficient, registers and grifter.	110,600	16	1.25	198.250
Building management controls	110,000		3.75	ana/m
Tening and balancing	100	668	71.00	45.000
The residence				
General exhaust from	- 6	1.6	17,590.00	11,500
Karchen automot than		1.0	7,596 00	7.500

## Phase 6 of 6: Construction Administration

With your general contractor on board, construction begins. Poon Design visits the project on a regular basis to determine if the work meets the design intent of the Construction Documents. We are also available from the office to answer clarifications and review submittals like material samples and substitutions. We observe construction through the completion and final "walk-through" of your project.

Horizon Residence, Palm Springs, California







# COMPLETION

W-V Mixed-Use Project, Manhattan Beach, California Photo by Gregg Segal







#### Photo Index

Cover: Chaya Downtown, Los Angeles, California (photo by Gregg Segal)

Previous Page, top to bottom, left to right:

University Library, The American University in Cairo, Egypt, by Anthony Poon while with HHPA (photo by Michael Moran)

Din Tai Fung, Costa Mesa, California (photo by Gregg Segal)

Memphis Cafe, Manhattan Beach, California (photo by Within A Dream)

Escena Residence Palm Springs, California (photo by Imagine Imagery)

Greenman Elementary School, Aurora, Illinois, by Anthony Poon, A4E (photo by Mark Ballogg) 8-fish, Los Angeles, California

WV Mixed-Use Project, Manhattan Beach, California (photo by Gregg Segal)

Herget Middle School, Aurora, Illinois, by Anthony Poon while, A4E (photo by Mark Ballogg)

Vosges Haut-Chocolat, Beverly Hills, California (photo by Gregg Segal)

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POON DESIGN INC. 12964 WEST WASHINGTON BOULEVARD LOS ANGELES, CALIFORNIA 90066 310-277-8855

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