



# The (very near) Future for Constructors

# 1

# Rapid advancement in Building Science

- BIM... game over
- High Performance Design
- Virtual Construction
- Lean Design and Construction
- Model driven fabrication



## Capitol Cove Providence, RI

### Revisions

Project Number 05.99  
Date 01-17-08  
Drawn By J. MacFall  
Checked By J. Ferolito  
Scale 1" = 30'-0"

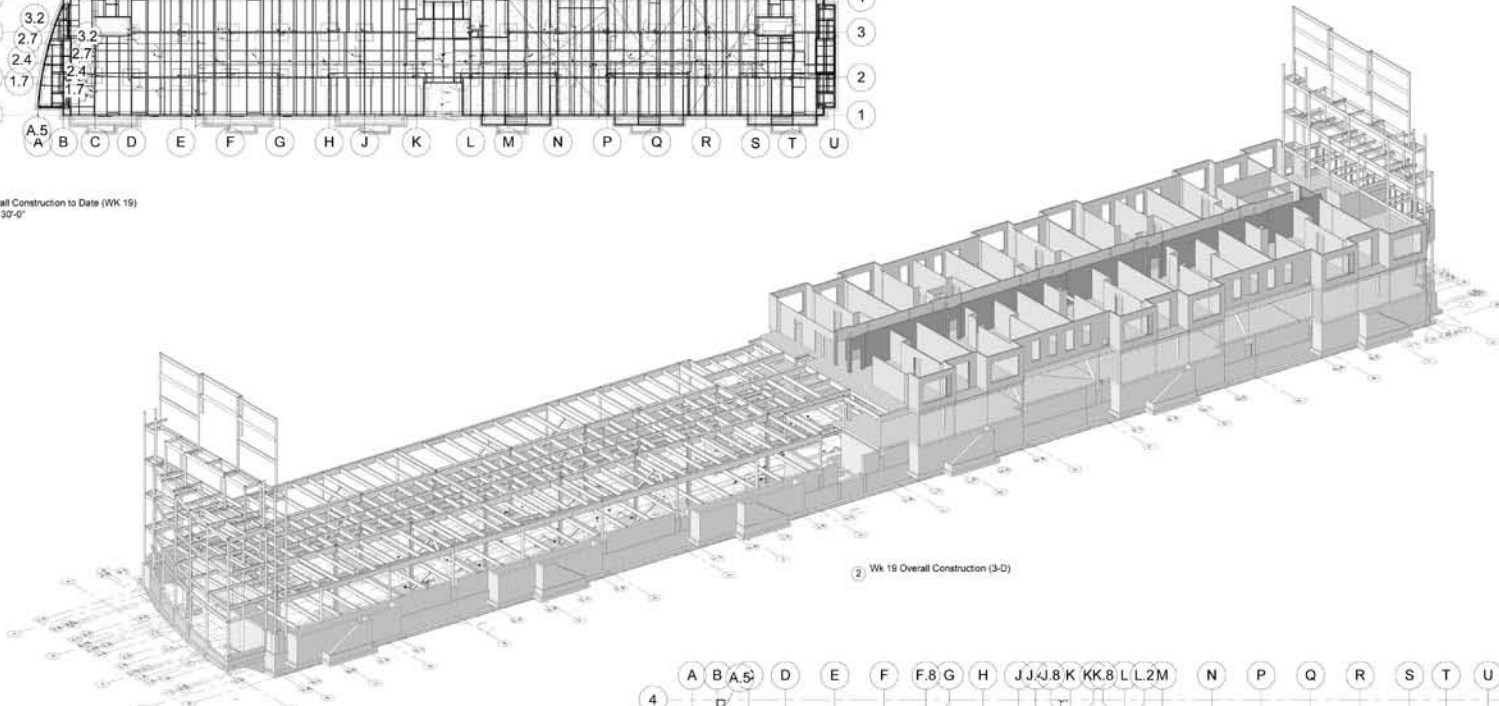
01.28.08-02.01.08

# WK19-1

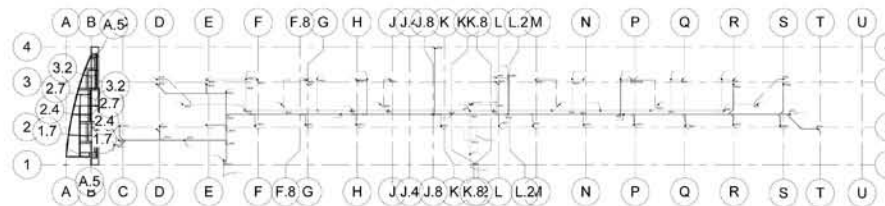
c o o l c a l m constructed™



1 Overall Construction to Date (WK 19)  
1" = 30'-0"



2 Wk 19 Overall Construction (3-D)



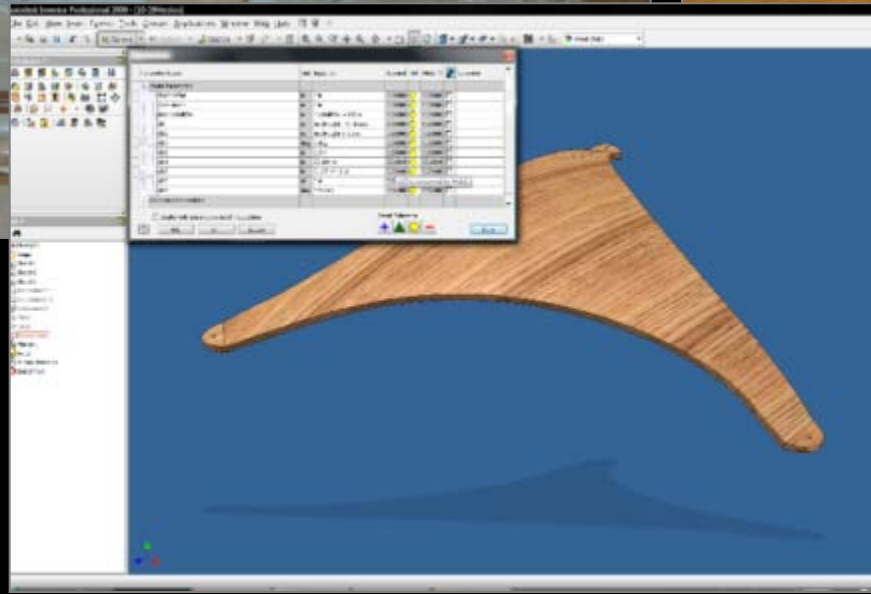
3 Week 19 Construction  
1" = 30'-0"

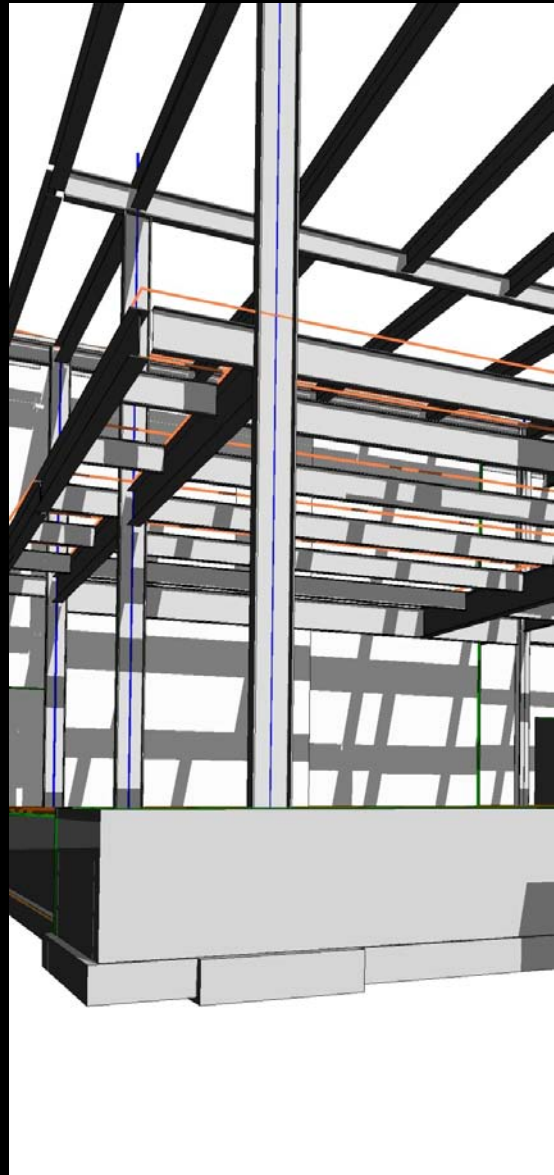
Wk 19 Steel			
Family	Type	Material Description	Count
HSS 12 x 6 x 3/8"	HSS 12 x 6 x 3/8"	Steel ASTM A500	1
HSS-Hollow Structural Section	HSS10X8X.375	Steel ASTM A500	4
HSS-Hollow Structural Section	HSS12X8X.375	Steel ASTM A500	12
HSS-Hollow Structural Section-Column	HSS8X8X.250	Steel ASTM A500	2
HSS-Hollow Structural Section-Column	HSS6X6X.375	Steel ASTM A500	14
HSS-Hollow Structural Section-Column	HSS6X6X.500	Steel ASTM A500	13
HSS-Hollow Structural Section-Column	HSS6X6X.625	Steel ASTM A500	1
Steel ASTM A500	47		47
W-Wide Flange	W8X10	Steel ASTM A992	12
W-Wide Flange	W10X12	Steel ASTM A992	44
W-Wide Flange	W12X14	Steel ASTM A992	42
W-Wide Flange	W12X19	Steel ASTM A992	4
W-Wide Flange	W12X26	Steel ASTM A992	23
W-Wide Flange	W12X30	Steel ASTM A992	10
W-Wide Flange	W12X35	Steel ASTM A992	3
W-Wide Flange	W14X39	Steel ASTM A992	5
W-Wide Flange	W16X57	Steel ASTM A992	2
Steel ASTM A992	145		145

Wk 19 Concrete Material			
Family	Type	Material Description	Material Volume









# 2

## The Rewiring of Risk Management

Avoid and Transfer



Accept and Manage

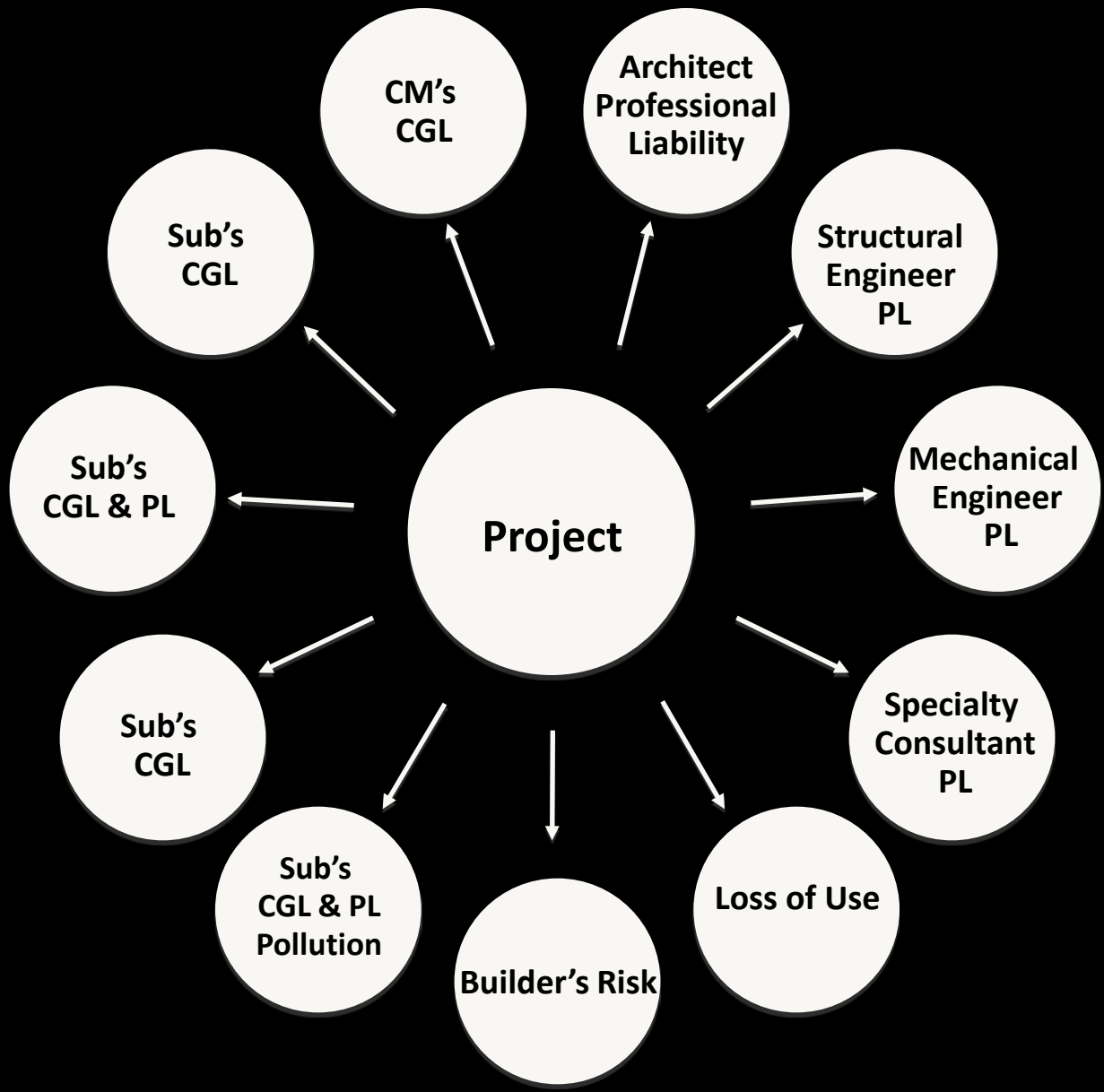
# Silencing the obstructionists



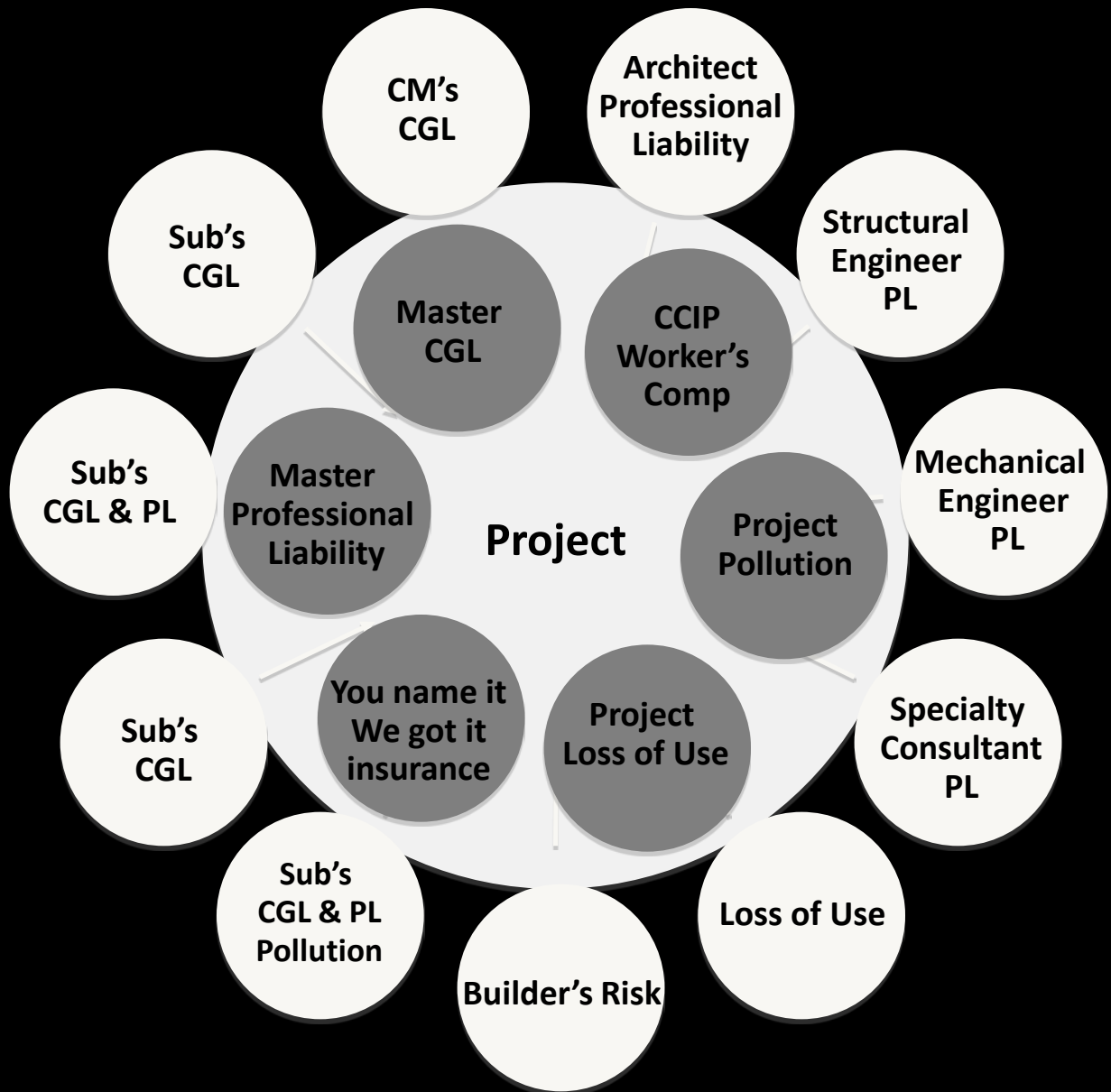
# Dealing with the obvious



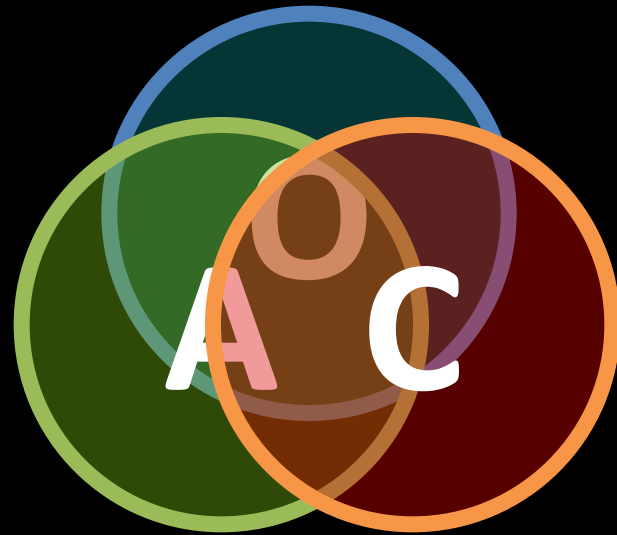
# Perforated Project Insurance



# Cohesive Project Coverage



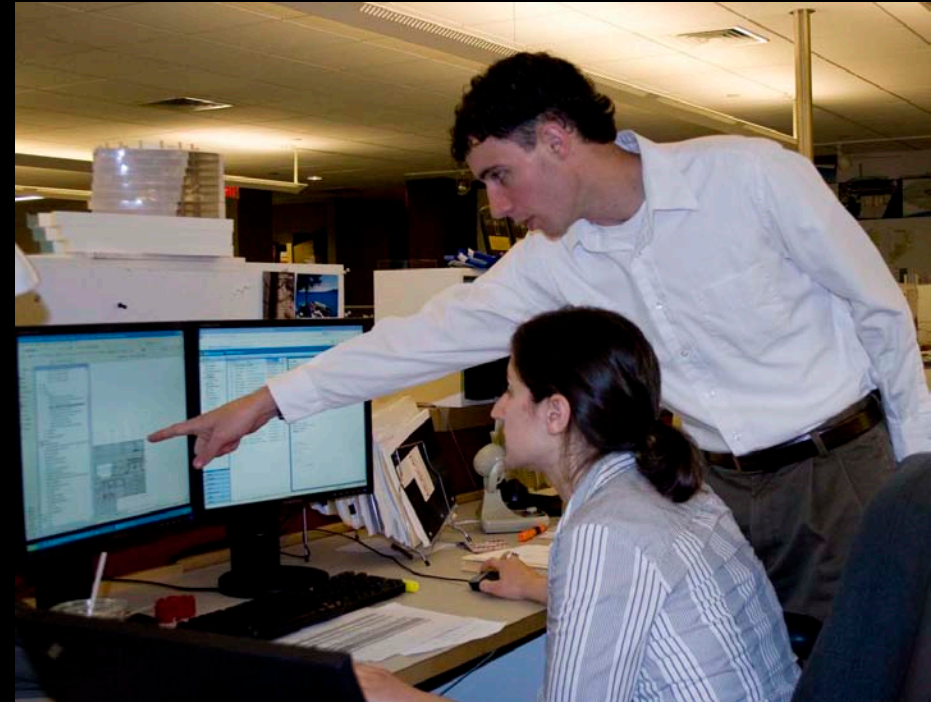
IPD



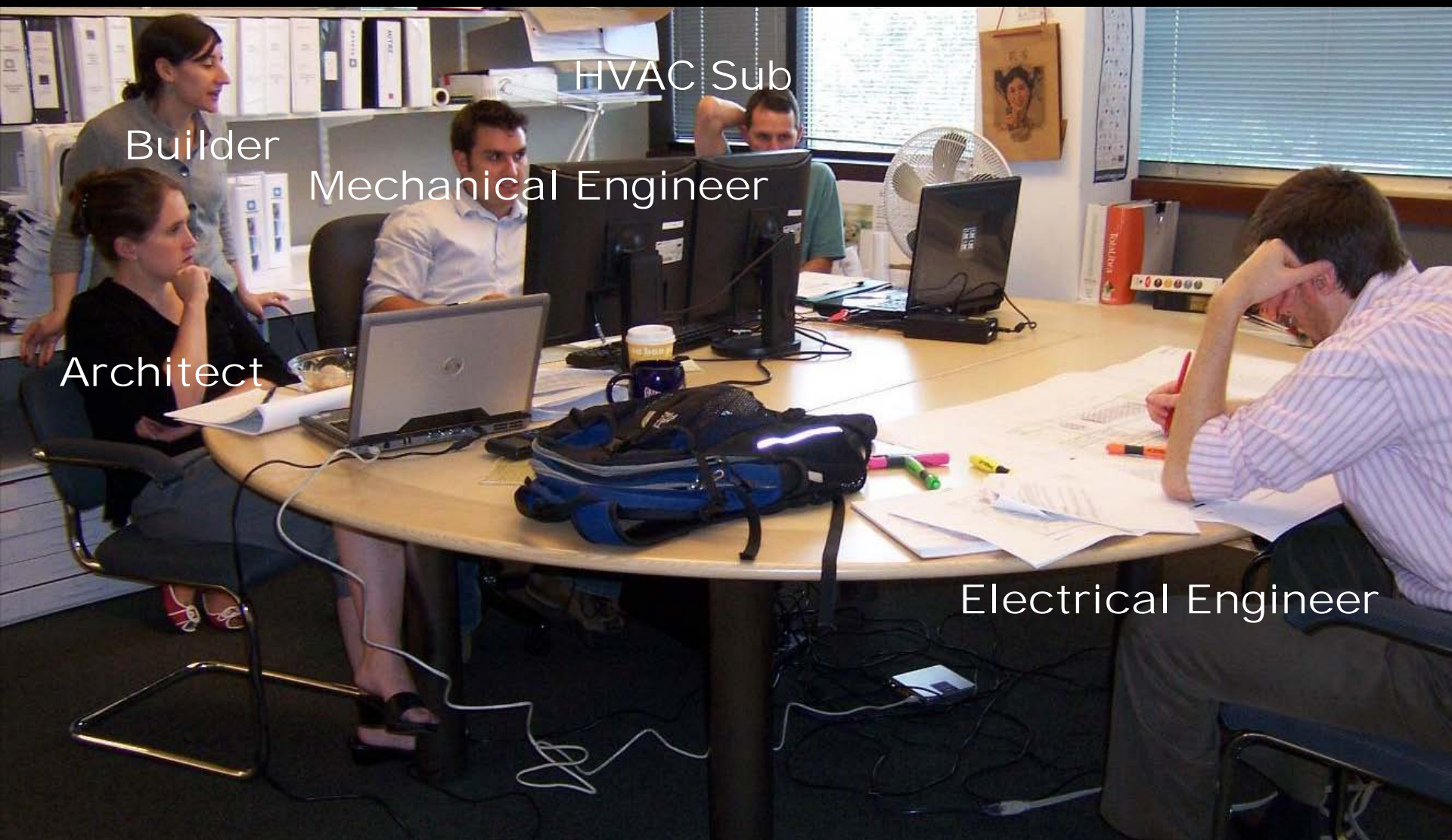
# 3 Transforming Relationships



# Working Together



# No we mean, *really*



HVAC Sub

Builder

Mechanical Engineer

Architect

Electrical Engineer

Sharing risk...everybody antes up



# 4 The Transformation of... you



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# Session 01



An Introduction to Western  
Architectural History

# Then...Back to the Future





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