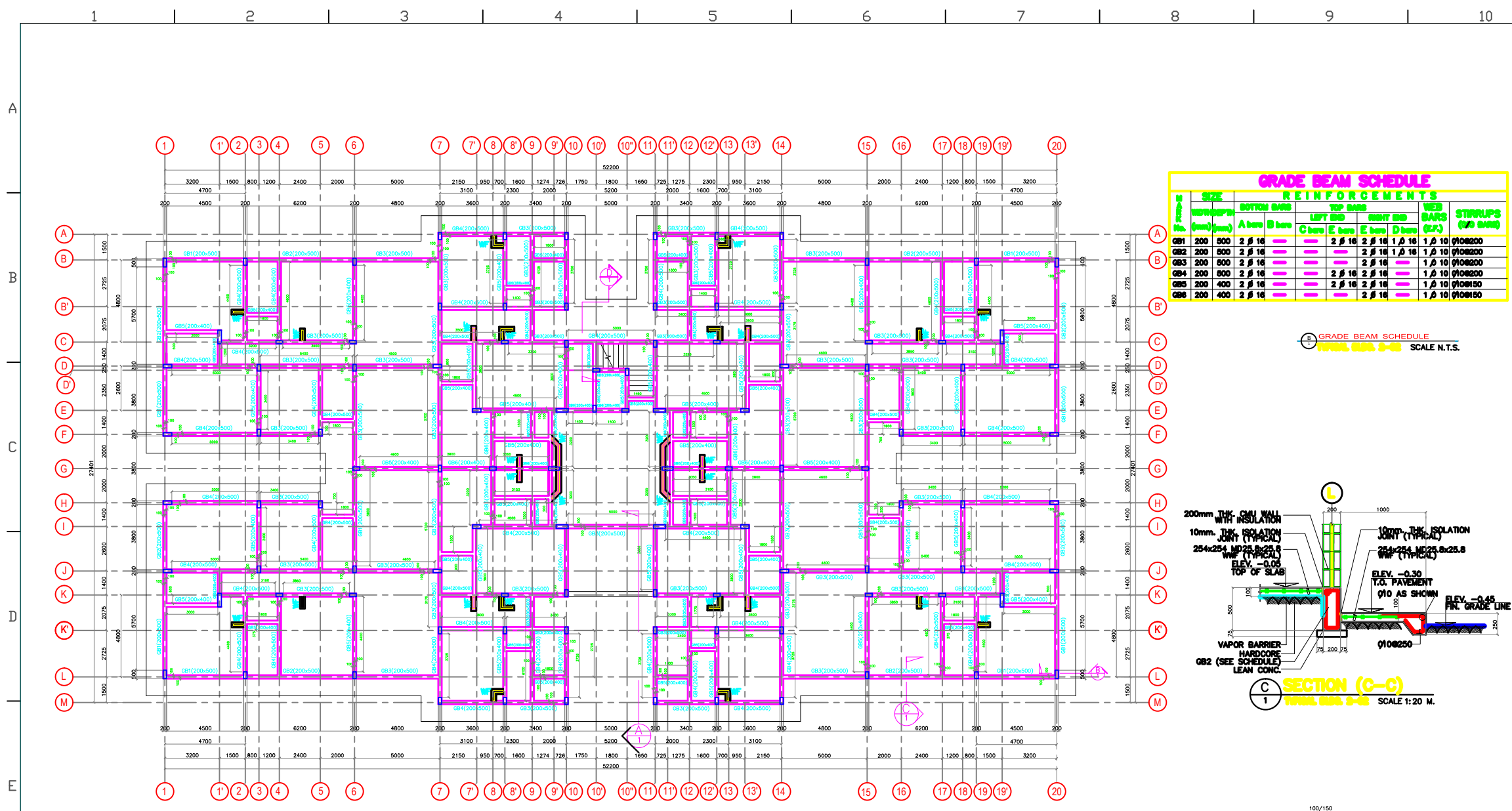
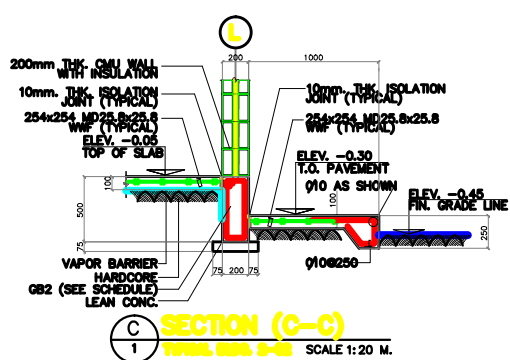




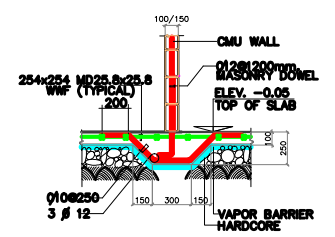
1 GRADE BEAMS LAYOUT PLAN
S-005-04 (4 BEDROOM) APARTMENT BUILDING SCALE 1:100

GRADE BEAM SCHEDULE									
No.	SPAN (mm)	SIZE (mm)	REINFORCEMENTS				WEB BARS (C/C)	STIRRUPS (NO BARS)	
			TOP BAR	LEFT BAR	RIGHT BAR	DOWN BAR			
GB1	200	600	2 # 16	2 # 16	2 # 16	1 # 10	1 # 10	Ø10@200	
GB2	200	600	2 # 16	2 # 16	2 # 16	1 # 10	1 # 10	Ø10@200	
GB3	200	600	2 # 16	2 # 16	2 # 16	1 # 10	1 # 10	Ø10@200	
GB4	200	600	2 # 16	2 # 16	2 # 16	1 # 10	1 # 10	Ø10@200	
GB5	200	400	2 # 16	2 # 16	2 # 16	1 # 10	1 # 10	Ø10@150	
GB6	200	400	2 # 16	2 # 16	2 # 16	1 # 10	1 # 10	Ø10@150	

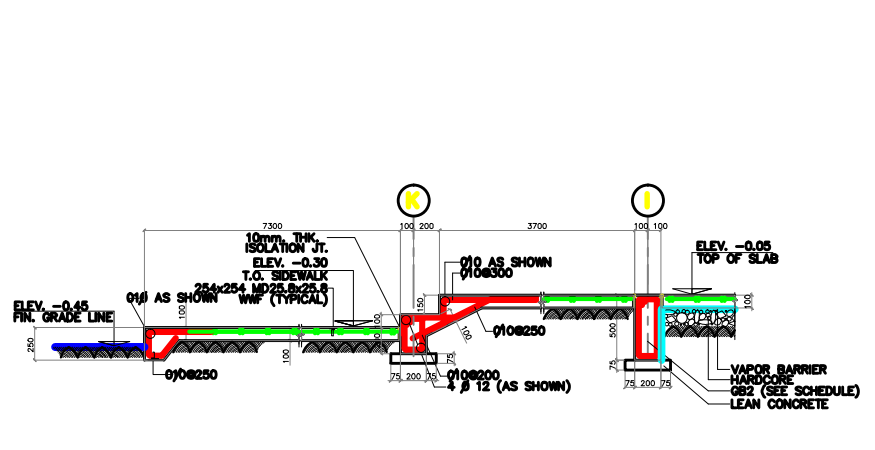
GRADE BEAM SCHEDULE
TYPICAL BEAM S-005 SCALE N.T.S.



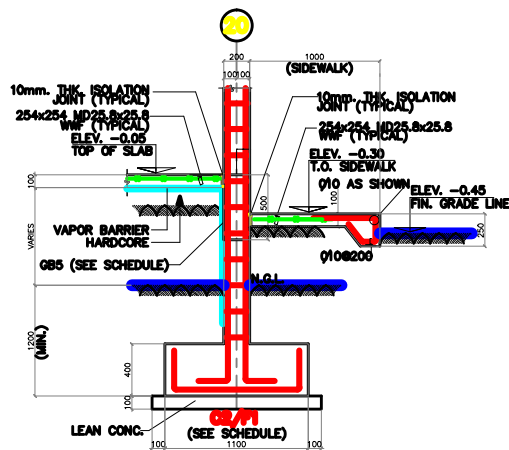
SECTION (C-C)
TYPICAL BEAM S-005 SCALE 1:20 M.



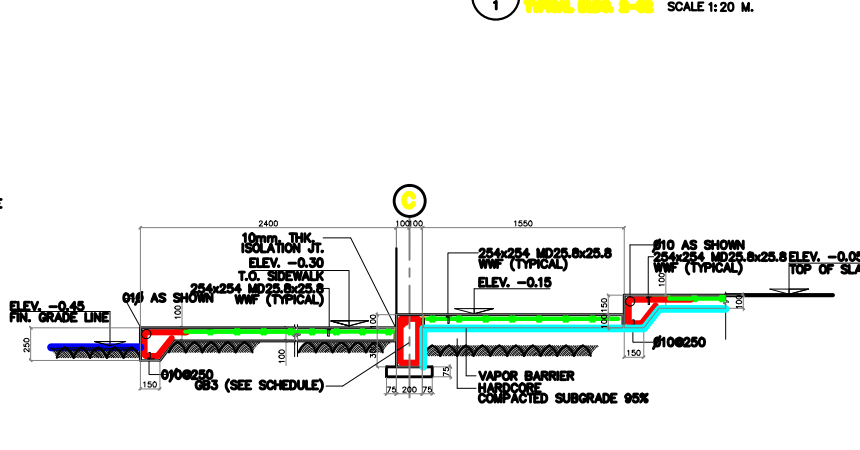
WF SECTION
TYPICAL BEAM S-005 SCALE 1:20 M.



SECTION (A-A)
TYPICAL BEAM S-005 SCALE 1:20 M.



SECTION (B-B)
TYPICAL BEAM S-005 SCALE 1:20 M.



SECTION (D-D)
TYPICAL BEAM S-005 SCALE 1:20 M.

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. ALL LEVELS ARE IN METERS UNLESS OTHERWISE NOTED.
3. TERMITES CONTROL SHALL BE PROVIDED UNDER SLAB ON GRADE.
4. TOP OF GRADE BEAM LEVEL = (FINISH FLOOR LEVEL - 50 MM)
5. ALL STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER RELATED ARCHITECTURAL, SEWAGE, ELECTRICAL, WATER SUPPLY AND MECHANICAL DRAWINGS.

KEY PLAN

REFERENCE DWG.:
Drawing No. Description
SD-01-XC-C-01 GENERAL SITE PLAN
SD-01-00-01 STRUCTURAL GENERAL NOTES
SD-01-00-02 STRUCTURAL STANDARD DETAILS
SD-01-00-03 STRUCTURAL STANDARD DETAILS
SD-02-02-S-02 COLUMNS LAYOUT PLAN
SD-02-02-S-04 FOUNDATION LAYOUT PLAN

LEGEND:
EXISTING PROPOSED DESCRIPTION
F.G.L. FINISH GRADE LEVEL
B.O.B. BOTTOM OF BEAM
T.O.GB. TOP OF GRADE BEAM
B.O.GB. BOTTOM OF GRADE BEAM
C/C. CENTER TO CENTER
G.F.L. GROUND FLOOR LEVEL
R.F.L. ROOF FLOOR LEVEL
S.S.L. STRUCTURE SLAB LEVEL
T.O.F. TOP OF FOOTING
T.O.PC. TOP OF PLAIN CONCRETE
N.G.L. NATURAL GRADE LINE

GRAPHIC SCALE:

0 FIRST ISSUE JUNE 2009 JAN PUDUNAN
REV DESCRIPTION DATE DRAWN CHECKED

SUPERVISION:
DATE: 28/05/2009

PROJECT:
(4-BEDROOM) APARTMENT BUILDING
GRADE BEAMS LAYOUT PLAN
STRUCTURAL - TYPICAL BUILDING 2-02

SCALE: 1:100 MTS. DRAWING NO.:
CONTRACTOR:
DESIGNED BY: JAN PUDUNAN