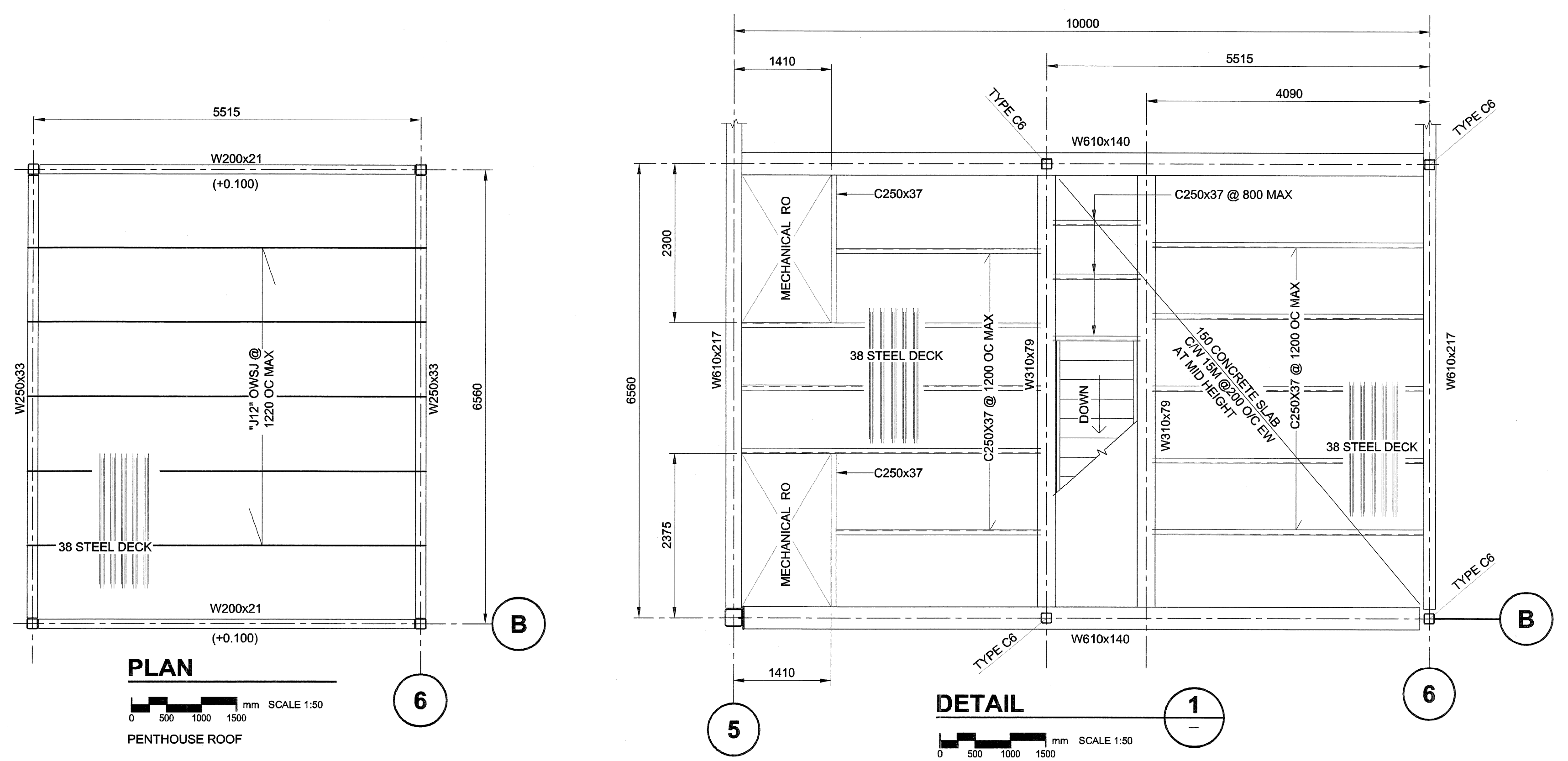


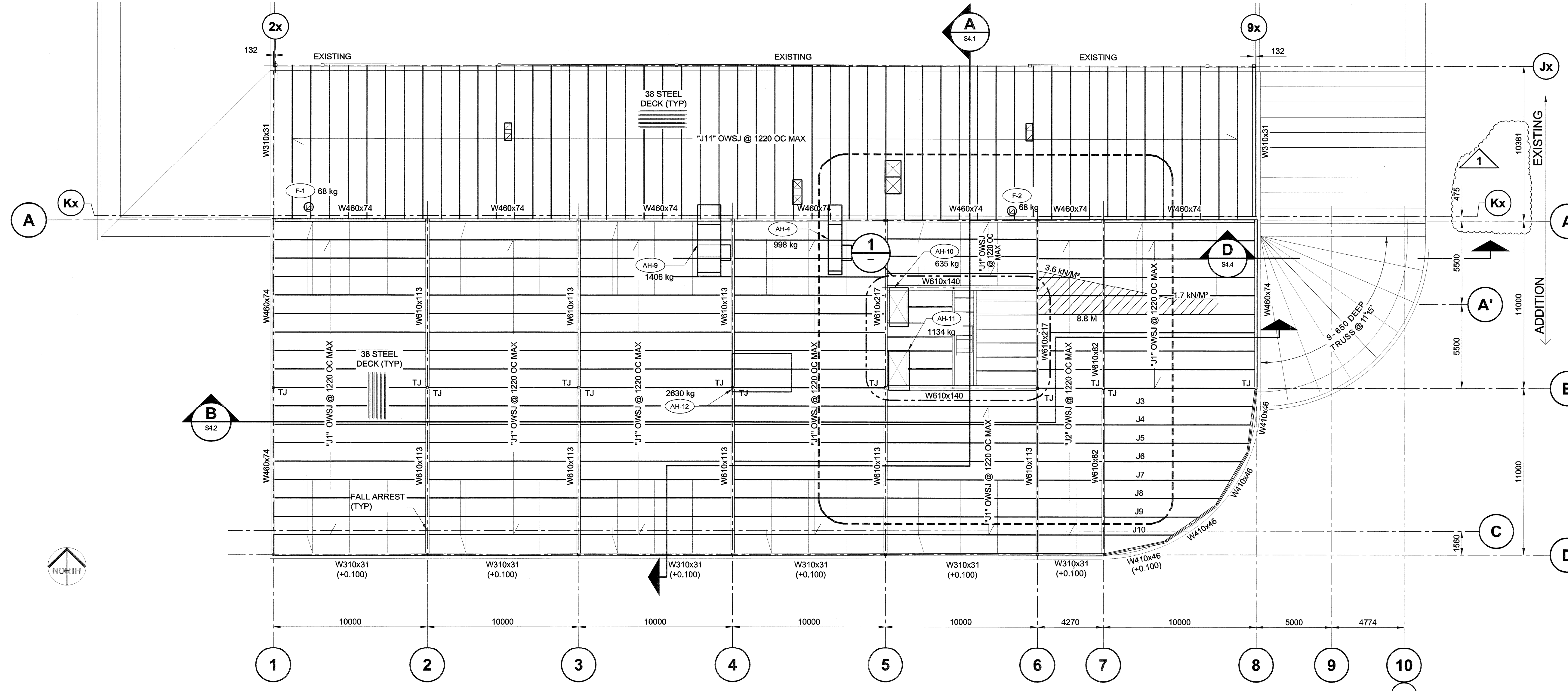
UMA FILE NAME: F953-001-01_01-S-2005_RX.dwg DATE: 2007.07.23 FILE NAME: F953-001-01_01-S-2005_RX.dwg
 PROJECT No: F953-001-01 DESCRIPTION: Roof Framing Plan
 ADDRESS: 999 Sargent St, Winnipeg, Manitoba PLOT: 070810 1:47:38 PM



DESIGN LOAD:
 SNOW + RAIN = 1.7 kN/m² + SNOW BUILD-UP
 DEAD LOAD = 2.5 kN/m²
 TOTAL LOAD = 10.3 kN/m² + SNOW BUILD-UP

DESIGN LOAD: PENTHOUSE FLOOR
 LIVE LOAD = 3.6 kN/m²
 DEAD LOAD = 15.5 kN/m²
 TOTAL LOAD = 19.1 kN/m²

JOIST SCHEDULE				
MARK	DEPTH	MAXIMUM SPACING	BRIDGING TOP & BOTTOM	REMARKS
J1	650	1220	-	
J2	650	1220	-	
J3	650	1220	-	
J4	650	1220	-	
J5	650	1220	-	
J6	650	1220	-	
J7	650	1220	-	
J8	650	1220	-	
J9	650	1220	-	
J10	650	1220	-	
J11	650	1220	-	
J12	350	1220	-	



ROOF FRAMING PLAN
 SCALE 1:150
 0 1500 3000 4500

NOTE:
 TOP OF STEEL BEAMS AT EL. 109.900 UNO.

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APEGM
 Certificate of Authorization
 UMA Engineering Ltd. (MB)
 No. 256 Date: *Aug 10 2007*

[Signature]
 DRN CHK DES ENG IDR
 UMA | AECOM REVIEW

NO.	REVISION/DESCRIPTION	BY	DATE
1	ISSUED FOR ADDENDUM #1	MP	07/08/10
0	ISSUED FOR TENDER	MP	07/07/23

SEALS

[Professional Engineer Seal]
 PROVINCE OF MANITOBA
 B.L. LAU
 REGISTERED PROFESSIONAL ENGINEER
 Aug 10 2007

DRAWN BY: MP CHECKED BY: USER APPROVED
 DATE: 2007.02.21

CITY OF WINNIPEG
 PLANNING, PROPERTY &
 DEVELOPMENT DEPARTMENT
 CIVIC ACCOMMODATIONS DIVISION
 300 - 65 GARRY ST. R3C 4K4

PROJECT
 Construction of Cindy Klassen
 Recreation Complex Facility
 Enhancement Project
 999 Sargent St, Winnipeg, Manitoba

SHEET TITLE
 Structural
 Roof Framing
 Plan and Layout

SCALE AS NOTED	PROJECT NO. 2005-059	SHEET NO. S2.5
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DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1