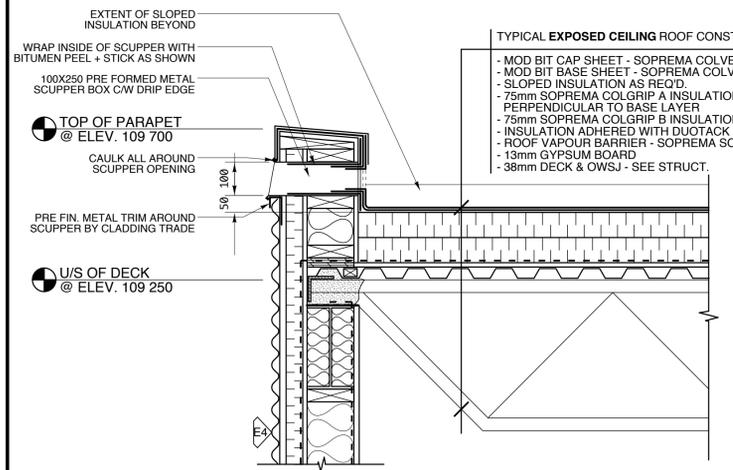
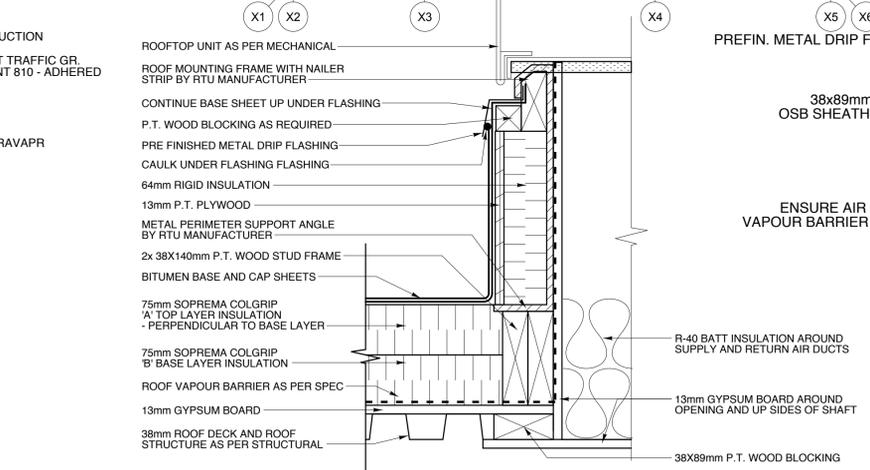


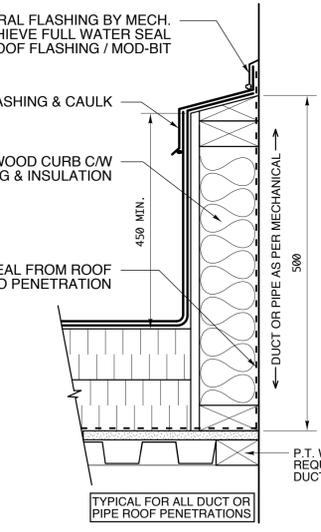
**1** ROOF PLAN  
A-5.1 SCALE 1:100



**2** TYPICAL OVERFLOW SCUPPER DETAIL  
A-5.1 SCALE 1:10



**3** TYPICAL BOTTOM DISCHARGE RTU SECTION DETAIL  
A-5.1 SCALE 1:5

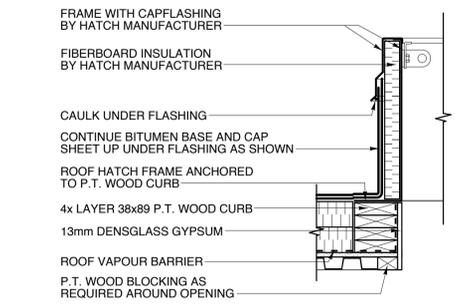


**4** TYP. ROOF PENETRATION CURB DET.  
A-5.1 SCALE 1:5

**NUMBERED NOTES:**

- 1** 2% SLOPED INSULATION TO ENSURE PROPER WATER DRAINAGE TOWARDS ROOF DRAINS AS SHOWN
- 2** ROOF DRAIN AS PER MECHANICAL - INSTALL AS PER MANUFACTURER'S INSTRUCTION
- 3** OVERFLOW SCUPPER - SEE DET. 2/A-5.1
- 4** NEW 2438x610x152 PRECAST CONCRETE SPLASH PAD AS PER SPEC. CONNECTED TO BUILDING AS PER DETAIL 4/A-5.2
- 5** NEW 1295x368x127 PRECAST CONCRETE SPLASH PAD AS PER SPEC. CONNECTED TO BUILDING AS PER DETAIL 4/A-5.2
- 6** NEW CANOPY BELOW
- 7** DOWNSPOUT AS PER DETAIL 3/A-5.2 TO DRAIN ONTO ADJACENT ROOF AS SHOWN
- 8** 914X914 ROOF ACCESS HATCH AS PER SPEC - SEE ROOF HATCH CURB DETAIL 6/A-5.1 - SITE CONFIRM ORIENTATION OF ROOF HATCH OPENING
- 9** HATCH INDICATE EXTRA LAYER CAP SHEET TO BE INSTALLED TO PROVIDE EXTRA PROTECTION TO HIGHER TRAFFIC AREAS AND DOWNSPOUT DISCHARGE LOCATIONS.
- 10** NEW EXTERNAL ROOF LADDER - SEE DETAIL 2/A-3.2
- 11** SCUPPER TO DRAIN CANOPY ONTO LANDSCAPE BELOW
- 12** RWL PLUMBING BELOW ROOF DECK CONNECTED TO ROOF DRAINS AS PER MECHANICAL.
- 13** RWL TO PENETRATE WALL AND DISCHARGE ONTO PRECAST CONCRETE SPLASH PAD
- 14** DASHED LINE INDICATES HRV SERVICE PLATFORM SUSPENDED FROM ROOF STRUCTURE BELOW
- 15** DASHED LINE INDICATE "HRV1" UNIT AS PER MECH. SUSPENDED FROM ROOF STRUCTURE BELOW ESTIMATED WEIGHT = 1000kg (2200lbs) - CONFIRM
- 16** CONDENSING UNIT "CU2" AS PER MECHANICAL MOUNTER ON 3 ROOF CURBS - SEE DET. 5/A-5.2 ESTIMATED WEIGHT = 1360kg (3000lbs) - CONFIRM
- 17** MAKE-UP AIR UNIT "MUA1" AS PER MECHANICAL ESTIMATED WEIGHT = 230kg (500lbs) - CONFIRM
- 18** EXHAUST DUCTWORK AS PER MECHANICAL - CURB AS PER DETAIL 4/A-5.1

- 19** HATCHED AREA INDICATE EXTRA LAYER CAP SHEET TO PROVIDE EXTRA DURABILITY TO AREAS POTENTIALLY FACING HIGHER ABUSE
- 20** ROOF ANCHOR AS PER SPEC. - SEE DETAIL 5/A-5.1
- 21** RWL AS PER MECH. TO RUN AT 2% SLOPE WITHIN CHANGING ROOM, WASHROOM AND VESTIBULE CEILING SPACE BELOW. TURN RWL TO RUN DOWN VERTICALLY WITHIN VESTIBULE WALL CAVITY AND TURN TO RUN AT 2% SLOPE UNDERNEATH BENCH BELOW WINDOW NO. 2.
- 22** RWL AS PER MECHANICAL TO RUN JUST BELOW ROOF DECK AT 2% SLOPE AND TO TURN VERTICALLY DOWN EXTERIOR WALL AT GRID 5
- 23** 2x RAIN WATER LEADERS WITHIN WALL CAVITY AT GRID LINE 5 EXTERIOR WALL TO PENETRATE THROUGH WALL AND DISCHARGE ONTO PRECAST CONCRETE SPLASH PAD. - WALL PENETRATION DETAIL SIMILAR TO 1/A-5.2



**6** TYPICAL ROOF HATCH CURB DETAIL  
A-5.1 SCALE 1:10

**revision**

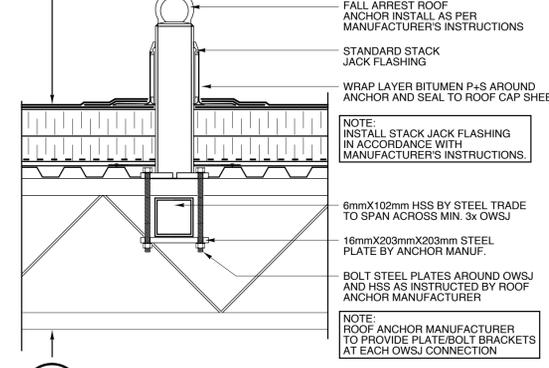
This drawing must not be scaled.

The Contractor must verify all dimensions, datums and levels prior to commencement of work. All errors and omissions must be reported immediately to the Contract Administrator.

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- TYPICAL ROOF CONSTRUCTION**
- MOD BIT CAP SHEET
  - MOD BIT BASE SHEET
  - SLOPED INSULATION AS REQ'D.
  - TWO LAYERS 75mm POLY-ISO INSULATION (PERPENDICULAR):
    - ADHESIVELY ATTACHED IN EXPOSED CEILING AREAS
    - MECHANICALLY FASTENED IN NON-EXPOSED CEILING AREAS
  - ROOF VAPOUR BARRIER
  - 13mm GYPSUM BOARD
  - 38mm DECK & OWSJ - SEE STRUCT.
  - ACOUSTIC DECK IN EXPOSED CEILING AREAS
  - REGULAR DECK IN NON-EXPOSED CEILING AREAS



**5** TYPICAL ROOF ANCHOR DETAIL  
A-5.1 SCALE 1:10

- GENERAL ROOFING NOTES:**
- USE THALER VANDAL PROOF JACK STACKS ON ALL PLUMBING VENTS AND ALSO WHERE REQUIRED ON OTHER ROOF PENETRATIONS
  - FLOOD TEST MECHANICAL ROOF UNIT INSTALLATIONS TO ENSURE WATERTIGHT SEAL TO ROOF CURBS AND ROOFING.
  - DETAILS ARE INDICATIVE OF INTENT. THE ROOFING CONTRACTOR SHALL CONFIRM APPLICABILITY TO INDIVIDUAL SITUATIONS AND COMPLIANCE WITH PRODUCTS / MANUFACTURER RECOMMENDATIONS.



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**project**

**SINCLAIR PARK COMMUNITY CENTRE**  
Winnipeg, Manitoba

**sheet title**

**ROOF PLAN**

**project number:** 08-011 **drawing number:** AS SHOWN

**scale:** G.S. C.G. **A-5.1**

**drawn by:** H.F.

**approved by:** H.F.

**date:** 26th FEB 2010