



PROJECT: **City Hall Administration Building Roof Replacement**
510 Main Street
CLIENT: **City of Winnipeg**

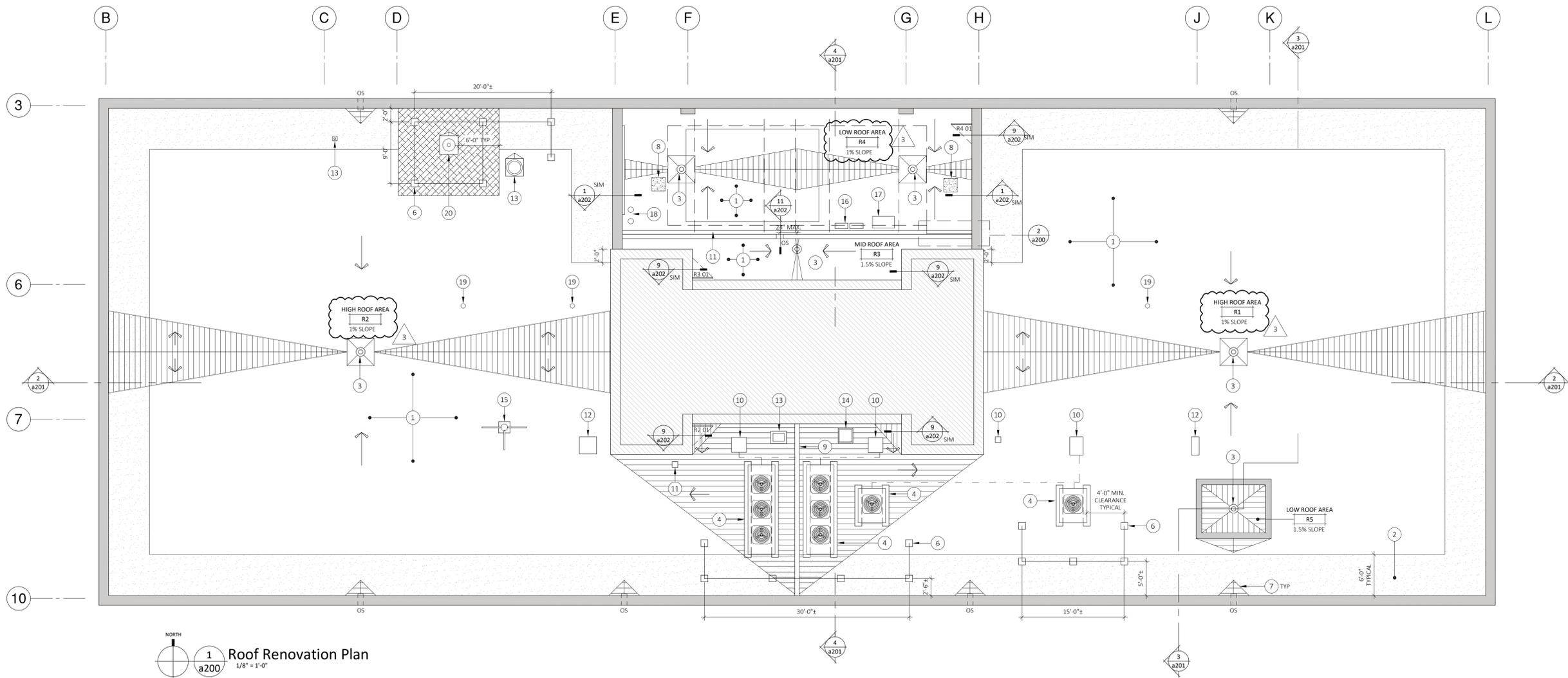
APPROVED BY: **J. Machnick**

DATE: **July 2020**

BID OPPORTUNITY: **430-2020**

PROJECT NO.: **19-041**

DWG NO.: **a200**

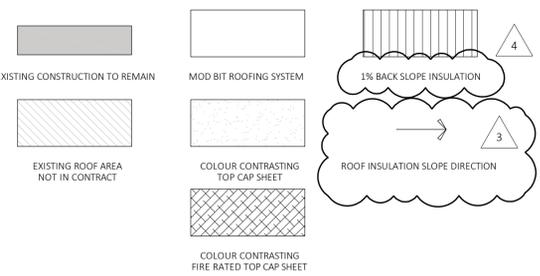


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Roof Renovation Plan
1/8" = 1'-0"

RENOVATION GENERAL NOTES

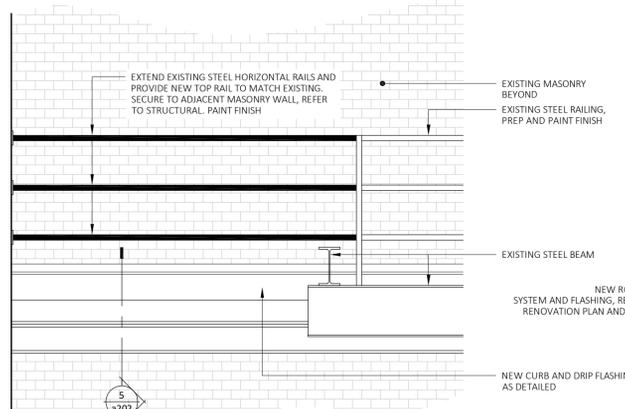
- REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL FOR ADDITIONAL RENOVATION WORK.
- DRAWINGS INDICATE APPROXIMATE LOCATION AND EXTENT OF EXISTING ELEMENTS. CONTRACTOR IS RESPONSIBLE TO REVIEW AND CONFIRM EXISTING CONDITIONS AND QUANTITIES.
- PATCH AND MAKE GOOD ALL SURFACES AFFECTED BY DEMOLITION SCHEDULED TO REMAIN. USE MATERIALS TO MATCH EXISTING.
- ENSURE ALL ROOF SLOPES ARE CONSTRUCTED TO FACILITATE DRAINAGE TOWARDS ROOF DRAINS. CONSTRUCT BACKSLOPE CRICKETS AT ALL MECHANICAL AND ELECTRICAL EQUIPMENT CURBING. ENSURE VALVES ARE ORIENTED WHICH COULD TRAP OR COLLECT WATER. REVIEW ALL CONDITIONS ON SITE PRIOR TO COMPLETING ROOFING INSTALLATION.
- ROOFING CONTRACTOR TO CONFIRM ALL ROOF INSULATION SLOPES PRIOR TO CONSTRUCTION TO ENSURE THAT SLOPES WILL BE ACCOMMODATED WITHIN EXISTING PARAPETS AND WALL CLADDING HEIGHTS. HEIGHT OF NEW ROOFING SYSTEM AT PARAPETS AND WALLS TO BE EVEN AROUND ENTIRE ROOF AREA.

RENOVATION LEGEND

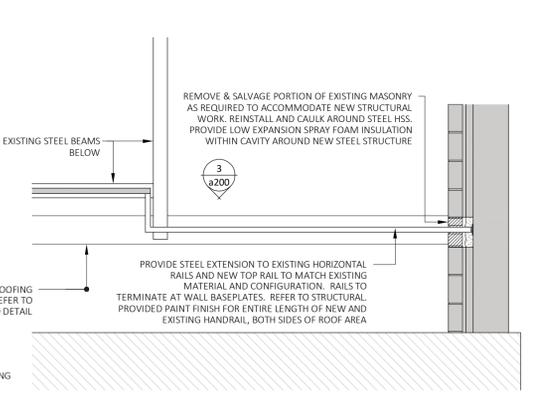


RENOVATION NOTES

- PROVIDE NEW MOD BIT ROOFING SYSTEM AS SPECIFIED.
- PROVIDE ADDITIONAL 6'-0" WIDE THIRD LAYER OF MOD BIT ROOF MEMBRANE IN CONTRASTING COLOUR AROUND ENTIRE PERIMETER OF ROOF AREA SHOWN HATCHED.
- PROVIDE NEW ROOF DRAINS AND SUMP. REFER TO MECHANICAL FOR NEW ROOF DRAIN.
- PROVIDE NEW SUPPORT CURBING FOR MECHANICAL ROOF TOP EQUIPMENT, REFER TO SECTION DETAIL 10/a202. COORDINATE LOCATIONS AND EXTENTS WITH MECHANICAL.
- RELOCATED ROOF TOP UNIT. REFER TO MECHANICAL AND ELECTRICAL FOR SERVICES.
- FREE STANDING GUARDRAIL SYSTEM AS SPECIFIED AND AS PER LAYOUT. COORDINATE AND CONFIRM LOCATIONS AND EXTENTS ON SITE. MINIMUM CLEARANCE BETWEEN GUARDRAIL AND MECHANICAL UNITS TO BE 4'-0".
- NEW OVER FLOW SCUPPER (OS). PROVIDE SLOPED INSULATION DOWN TO SCUPPER LEVEL AS REQUIRED TO SUIT SITE CONDITIONS. TYPICAL FOR ALL. ENSURE BOTTOM OF SCUPPER IS NO HIGHER THAN 6" ABOVE RIM / INVERT OF NEW ROOF DRAIN. REFER TO SECTION DETAIL 12/a202.
- PROVIDE 2'-0" X 2'-0" PRECAST CONCRETE PAVES SET ON 3/4" RECYCLED RUBBER MAT AT EXISTING STEAM DISCHARGE OR DRAIN PIPING. COORDINATE QUANTITIES AND LOCATIONS ON SITE. SIZE OF RUBBER MAT TO SUIT SIZE OF CONCRETE PAVES.
- ROOF AREA DIVIDER, REFER TO SECTION DETAIL 10/a202.
- MULTIPLE SERVICES ROOF PENETRATION. REUSE EXISTING OPENING. PROVIDE NEW CURBING AND FLASHING, REFER TO SECTION DETAIL 13/a202.
- PAINT EXISTING AND NEW PORTION OF STEEL RAILING ALONG ENTIRE ROOF LENGTH.
- PROVIDE NEW CURB CONSTRUCTION OVER ABANDONED OPENING FOR FUTURE SERVICE PENETRATION. REFER TO SECTION DETAIL 16/a202.
- PROVIDE NEW CURBING FOR MECHANICAL UNIT / PENETRATION. REFER TO SECTION DETAIL 14/a202. COORDINATE SIZE, LOCATIONS AND QUANTITIES WITH MECHANICAL.
- PROVIDE NEW CURB FOR MECHANICAL TANK. CONSTRUCTION TO BE SIMILAR TO SECTION DETAIL 10/a202. SIZE CURB TO SUIT SIZE OF TANK AND LEG SUPPORTS.
- PROVIDE NEW CURB AT EXISTING STAND PIPE PENETRATION SIMILAR TO SECTION DETAIL 14/a202 AND SOLID CURBS TO SECURE SUPPORT LEGS SIMILAR TO SECTION DETAIL 10/a202.
- EXISTING ELECTRICAL PANELS TO REMAIN.
- EXISTING WALL MOUNTED MECHANICAL UNIT. REFER TO STRUCTURAL FOR SUPPORT.
- PROVIDE NEW CURBING AROUND LARGE DIAMETER PIPE PENETRATIONS. REFER TO SECTION DETAIL 14/a202 SIM.
- PROVIDE NEW STACK JACK FLASHING AS SPECIFIED AT ALL REQUIRED LOCATIONS. COORDINATE PIPE EXTENSION WITH MECHANICAL AND CONFIRM QUANTITIES ON SITE.
- PROVIDE NEW FIRE RATED CURBING AND FIRE RATED ROOFING MEMBRANE (CONTRASTING COLOUR) AROUND EXISTING GENERATOR EXHAUST STACK. REFER TO SECTION DETAIL 15/a202 AND COORDINATE WITH MECHANICAL.



3
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Railing Extension Elevation
1/2" = 1'-0"



2
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Railing Extension
1/2" = 1'-0"