



KEY PLAN
N.T.S.

The General Contractor shall check & verify all dimensions and report any errors or omissions to the designers.

No.	Date	Issue/Revision	By
0	2018-06-04	ISSUED FOR CONSTRUCTION	IM

APEGM
Certificate of Authorization
Crosier Kilgour & Partners Ltd.
No. 235 Date: 2018-06-04



Consultant

300-275 Carlton Street
Winnipeg, Manitoba R3C 5R6
T 204. 943. 7501
F 204. 943. 7507



Crosier Kilgour & Partners Ltd.
CONSULTING STRUCTURAL ENGINEERS

Project
WINNIPEG TRANSIT
2018 STRUCTURAL AND ROOFING REPAIRS

1520 MAIN STREET
WINNIPEG, MANITOBA

Sheet Title
ROOF PLAN

File 2018-0145 Date 2018-06-04

Design IM Drawn DNM

Revision 0 Sheet No. **S2.1**

ROOF PLAN
1/16" = 1'-0"

SCOPE OF WORK

1. REPLACE ROOFING TO EXTENTS SHOWN ON PLAN
2. CARRY OUT CONCRETE REPAIRS WHERE DIRECTED BY CONTRACT ADMINISTRATOR
3. CARRY OUT STEEL ROOF DECK REPAIRS WHERE DIRECTED BY CONTRACT ADMINISTRATOR

LEGEND

- DENOTES REPLACEMENT OF ALL ROOFING SYSTEM TO EXTENTS SHOWN INCLUDING NEW PARAPET WALL CLADDING (TO BE ADJUSTED BY CONTRACT ADMINISTRATOR)
- DENOTES APPROXIMATE LOCATIONS OF LOCALIZED UNIT PRICE CONCRETE REPAIRS AND UNIT PRICE ROOFING SYSTEM REPLACEMENT AS PER 4/54.1
- DENOTES APPROXIMATE LOCATIONS OF EXISTING SKYLIGHT ENCLOSURE REMOVAL AND REPLACEMENT WITH GALVANIZED ROOF DECK TO MATCH SURROUNDING, REPAIR ROOFING AS PER 4/54.1
- DENOTES APPROXIMATE LOCATIONS OF UNIT PRICE REPLACEMENT OF CORRODED STEEL ROOF DECK WITH GALVANIZED STEEL ROOF DECK AND AND ROOFING REPAIR AS PER 4/54.1
- DENOTES EXISTING ROOF TOP UNITS TO REMAIN, CONFIRM LOCATION ON SITE

NOTE: GENERAL AREAS SHOWN ONLY. ACTUAL UNIT PRICE REPAIR LOCATIONS TO BE SITE DETERMINED WITH CONTRACT ADMINISTRATOR

EXISTING ROOF ASSEMBLY

- 4 PLY BUILT UP ASPHALT MEMBRANE WITH BALLAST
- FIBREBOARD
- 2" PLY VAPOUR BARRIER
- STEEL DECK

→ EXISTING SLOPE

NEW ROOF ASSEMBLY

- SBS MODIFIED BITUMEN GRANULATED CAP MEMBRANE
- SBS MODIFIED BITUMEN BASE MEMBRANE
- TYPE III POLYISOCYANURATE INSULATION
- TYPE II POLYISOCYANURATE INSULATION
- SBS AIR VAPOUR BARRIER
- EXISTING STEEL DECK

DEMOLITION/NEW ROOF KEYNOTES

1. REMOVE AND DISCARD EXISTING ROOF ASSEMBLY TO EXPOSE STEEL DECK. REFER TO ASSEMBLY NOTES FOR EXISTING CONSTRUCTION. SUPPLY AND INSTALL NEW ROOF SYSTEM AS PER ASSEMBLY DETAILS AND SPECIFICATIONS
2. REMOVE AND DISCARD EXISTING METAL WALL PANEL TO EXPOSE HAT CHANNELS. HAT CHANNELS TO REMAIN. SUPPLY AND INSTALL NEW 1/2" MOISTURE RESISTANT GLASS FIBRE REINFORCED MEMBRANE SUPPORT BOARD C/W 2 PLY SBS BASE AND CAP FLASHINGS AS PER DETAIL 2/54.1. RETURN MIN 2'-0" AROUND SE CORNER OF UPPER ROOF
3. REMOVE AND DISCARD ROOF PENETRATIONS AS INDICATED ON DRAWING
4. REMOVE EXISTING ROOF ASSEMBLY FLASHING ON ROOF HATCH. ROOF HATCH TO REMAIN. SUPPLY AND INSTALL NEW SBS BASE AND CAP FLASHING MEMBRANE ON ROOF HATCH
5. REMOVE AND DISCARD EXISTING CURB AND TEMPORARY ROOF COVERING
6. SUPPLY AND INSTALL NEW WOOD CURB ON ALL ROOF PENETRATIONS
7. SUPPLY AND INSTALL NEW ROOF EDGE, BLOCKING AND METAL FLASHING TO SUIT NEW ROOF ASSEMBLY AS PER DETAIL 3/54.1
8. SUPPLY AND INSTALL ROOF JUNCTION AS PER DETAIL 4/54.1