

ROOF - GENERAL NOTES ①

- UPON COMPLETION OF ROOFING WORK ALL ROOF AND ROOF CURB SAFETY ANCHORS TO BE INSPECTED AND RE-CERTIFIED BY CONTRACTOR.
- PENTHOUSE 2/MODULAR ROOF SAFETY RAILING SYSTEM C/M INTEGRATED SAFETY GATE TO BE REMOVED, SALVAGED AND REINSTALLED UPON COMPLETION OF NEW WORK. REPLACE ANY COMPONENTS DAMAGED BY NEW WORK (TO MATCH EXISTING). RE-INSTALL ROOF SAFETY RAILING SYSTEM TO BE INSPECTED AND RE-CERTIFIED BY RAILING MANUFACTURER UPON COMPLETION OF WORK.
- ROOF AREAS NOT TO BE USED AS GENERAL STORAGE AREA.
- CONTINUOUSLY WELD SPLIT HSS SUPPORT POST TO MAKE WATERTIGHT. INSPECT ALL REMAINING HSS SUPPORT POSTS AND NOTIFY DEPARTMENTAL REPRESENTATIVE OF ANY OTHER DEFECTS PRIOR TO INSTALLATION OF NEW ROOF ASSEMBLY / FLASHINGS.

ROOF ASSEMBLY TYPES: (R1)

- (R1) SINGLE PLY (PVC) ROOF ASSEMBLY (TYPE R1):
- SINGLE PLY (PVC) ROOF MEMBRANE (FULLY ADHESIVE ADHERED)
 - 12 GYPSUM SHEATHING BOARD (FULLY ADHESIVE ADHERED)
 - TAPERED ROOF INSULATION - THICKNESS / SLOPE AS INDICATED - (FULLY ADHESIVE ADHERED)
 - 100 RIGID ROOF INSULATION (FULLY ADHESIVE ADHERED)
 - MODIFIED BITUMINOUS VAPOUR RETARDER (SELF ADHESIVE)
 - REMOVE EXISTING SHEET (POLY) VAPOUR BARRIER
 - EXISTING CONCRETE ROOF DECK
- (R2) SINGLE PLY (PVC) ROOF ASSEMBLY (TYPE R2):
- SINGLE PLY (PVC) ROOF MEMBRANE (FULLY ADHESIVE ADHERED)
 - 12 GYPSUM SHEATHING BOARD (FULLY ADHESIVE ADHERED)
 - TAPERED ROOF INSULATION - THICKNESS / SLOPE AS INDICATED - (FULLY ADHESIVE ADHERED)
 - 100 RIGID ROOF INSULATION (FULLY ADHESIVE ADHERED)
 - MODIFIED BITUMINOUS VAPOUR RETARDER (SELF ADHESIVE)
 - REMOVE EXISTING SHEET (POLY) VAPOUR BARRIER
 - EXISTING GYPSUM SHEATHING (TO REMAIN)
 - EXISTING METAL ROOF DECK
- (R3) SINGLE PLY (PVC) CANOPY ROOF ASSEMBLY (TYPE R3):
- SINGLE PLY (PVC) ROOF MEMBRANE (FULLY ADHESIVE ADHERED)
 - 12 PLYWOOD SHEATHING BOARD (FULLY ADHESIVE ADHERED)
 - TAPERED ROOF INSULATION - THICKNESS / SLOPE AS INDICATED - (FULLY ADHESIVE ADHERED)
 - NEW METAL ROOF DECK
- (R4) SINGLE PLY (PVC) ROOF ASSEMBLY (TYPE R4):
- SINGLE PLY (PVC) ROOF MEMBRANE (FULLY ADHESIVE ADHERED)
 - 12 GYPSUM SHEATHING BOARD (MECHANICALLY SECURED)
 - EXISTING SINGLE PLY (PVC) ROOF MEMBRANE (TO REMAIN)
 - EXISTING PLYWOOD SHEATHING (TO REMAIN)
 - EXISTING METAL ROOF DECK
- (R5) COMPOSITE METAL ROOF PANEL ROOF ASSEMBLY (TYPE R5):
- COMPOSITE METAL ROOF PANELS (COLOUR 'B')
 - SINGLE PLY MODIFIED BITUMINOUS ROOF MEMBRANE (SELF ADHESIVE)
 - EXISTING PLYWOOD SHEATHING (TO REMAIN)
 - EXISTING ROOF INSULATION (TO REMAIN)
 - EXISTING METAL ROOF DECK

ROOF PLAN - DEMOLITION NOTES ①

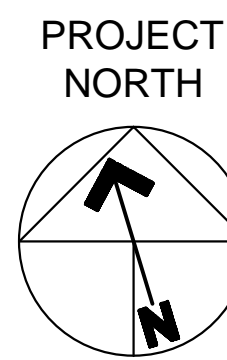
- REMOVE AND DISPOSE OF ALL EXISTING PRECAST CONCRETE PAVERS, SPLASH PADS AND RIGID INSULATION SPACERS.
- REMOVE AND SALVAGE EXISTING ROOF SAFETY RAILING SYSTEM FOR RE-INSTALLATION. UPON COMPLETION OF ROOFING WORK RE-INSTALL ROOF SAFETY RAILING SYSTEM.
- REMOVE AND SALVAGE EXISTING SERVICE STAIR / LANDING, GUARDRAILS, HANDRAILS AND SERVICE LADDERS TO CHILLER UNIT FOR RE-INSTALLATION. UPON COMPLETION OF ROOFING WORK, RE-INSTALL SERVICE STAIR/LANDING, GUARDRAILS, HANDRAILS AND SERVICE LADDERS (TO MATCH EXISTING). TOUCH-UP ALL DAMAGED GALV. FINISHES FOLLOWING REINSTALLATION OF GALV. COMPONENTS.
- REMOVE ROOF MEMBRANE FLASHINGS AT BASE OF STRUCTURAL STEEL EQUIPMENT SUPPORT POSTS. PREPARE BASE OF POSTS TO SUIT INSTALLATION OF NEW SINGLE PLY (PVC) MEMBRANE FLASHINGS.
- REMOVE AND SALVAGE EXISTING ROOF EDGE WARNING LINE, POST AND BASE. UPON COMPLETION OF ROOFING WORK, RE-INSTALL SALVAGED ROOF EDGE POST AND BASE TO MATCH EXISTING WARNING LINE.
- REMOVE ROOF MEMBRANE FLASHINGS AND EXISTING STACK JACK FLASHINGS AT BASE OF ROOF SAFETY ANCHORS AND ROOF CURB SAFETY ANCHORS AS REQUIRED TO SUIT INSTALLATION OF NEW ROOFING MEMBRANE FLASHINGS. PREPARE ROOF SAFETY ANCHORS FOR INSTALLATION OF NEW SINGLE PLY (PVC) MEMBRANE FLASHINGS AND STACK JACK FLASHINGS.
- REMOVE EXISTING VENT STACK FLASHINGS AND PREPARE VENT STACK FOR INSTALLATION OF NEW INSULATED METAL STACK JACK FLASHINGS.
- REMOVE EXISTING SINGLE PLY MEMBRANE FLASHINGS (FROM EXISTING SCUPPER DRAINS) AND PREPARE SCUPPER DRAINS FOR INSTALLATION OF NEW SINGLE PLY (PVC) MEMBRANE FLASHINGS.
- EXISTING VENTILATION BOILER STACK TO REMAIN. REMOVE MEMBRANE FLASHINGS FROM BASE OF BOILER STACK ROOF CURB AND PREPARE ROOF CURB FOR INSTALLATION OF NEW SINGLE PLY (PVC) MEMBRANE FLASHINGS.
- EXISTING BOILER EXHAUST STACK TO REMAIN. REMOVE MEMBRANE FLASHINGS FROM BASE OF BOILER EXHAUST ROOF CURB AND PREPARE ROOF CURB FOR INSTALLATION OF NEW SINGLE PLY (PVC) MEMBRANE FLASHINGS.
- REMOVE AND SALVAGE EXISTING MODULAR ROOF SAFETY RAILING SYSTEM, BASES AND SAFETY GATE FOR RE-INSTALLATION AT COMPLETION OF WORK.
- WALL MOUNTED / ROOF SUPPORTED CANTILEVER LADDER SUPPORT SYSTEM FOR CHILLER POWER FROM MECHANICAL PENTHOUSE #2 TO EXISTING CHILLER AND CONDENSER EQUIPMENT TO REMAIN. PROTECT POWER LINE/CONDUIT FROM DAMAGE DURING ROOF WORK. (MECHANICAL EQUIPMENT TO REMAIN OPERATIONAL DURING ROOFING WORK).
- PROTECT GLAZED ENTRANCE CANOPY FROM DAMAGE DURING ROOFING WORK.
- REMOVE EXISTING ROOF DRAINS AND INSTALL NEW RETRO-FIT TYPE ROOF DRAINS AS SPECIFIED.
- REMOVE AND SALVAGE EXISTING MECHANICAL ROOF TOP AHU UNIT, REMOVE EXISTING TIMBER SLEEPERS AND RE-INSTALL ROOF-TOP AHU UNIT ON NEW PRE-MANUFACTURED MECHANICAL EQUIPMENT CURB (TO SUIT EXISTING AHU).
- REMOVE AND SALVAGE EXISTING MECHANICAL DUCTWORK FROM EXISTING MECHANICAL ROOF TOP AHU UNIT TO MECHANICAL PENTHOUSE. REMOVE EXISTING WOOD SLEEPERS AND RE-INSTALL SALVAGED DUCTWORK ON NEW WOOD SLEEPER ASSEMBLY - REMOVE AND REPLACE EXISTING METAL JACKETING OVER TOP OF DUCT INSULATION.
- REMOVE AND SALVAGE EXISTING ROOF ACCESS LADDER FOR RE-INSTALLATION AT COMPLETION OF ROOFING AND COMPOSITE METAL WALL CLADDING PANEL WORK. REINFORCE COMPOSITE METAL WALL CLADDING PANELS AS REQUIRED FOR RE-INSTALLATION OF ROOF ACCESS LADDER. SHIM NEW CONCRETE PAVERS TO SUIT EXISTING LADDER. FASTEN LADDER SECURELY TO PAVERS AND COMPOSITE METAL WALL CLADDING PANEL(S) AS PER ORIGINAL FASTENING SYSTEM.
- EXISTING COMPUTER ROOM COOLING SYSTEM (TO REMAIN).

LEGEND

- HLL (EX) HORIZONTAL LIFE SAFETY ANCHOR (TO REMAIN)
- RA (EX) ROOF SAFETY ANCHOR (TO REMAIN)
- ◊ CA (EX) EXISTING ROOF CURB SAFETY ANCHOR (TO REMAIN)
- VS VENT STACK
- RD ROOF DRAIN (RETRO FIT TYPE)
- REMOV ALL EXISTING PRECAST CONCRETE PAVERS AND INSULATION SPACERS.
- NEW REINFORCED PRECAST CONCRETE PAVERS (610 X 610 X 50 THICK) WITH 25 RIGID INSULATION SPACERS.
- REWL (EX) ROOF EDGE WARNING LINE POST AND SUPPORT
- COMPOSITE METAL ROOF PANELS (COLOR 'B' - DARK GREEN)
- ROOF TYPE
- ROOF DATUM: 0.00 = TOP OF EXISTING CONCRETE SLAB (4 NUMBER DENOTES THICKNESS OF RIGID ROOF INSULATION FROM TOP OF CONCRETE SLAB)
- ES EQUIPMENT SLEEPER.
- ① GENERAL NOTE
- ① ROOF DEMOLITION NOTE
- ① ROOFING NOTE

ROOF PLAN

SCALE: 1:100
0m 1m 2m 3m 4m 5m 6m 7m 8m 9m 10m



Public Works and Government Services Canada
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Canadian Food Inspection Agency
Agence canadienne d'inspection des aliments

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ROOF PLAN

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