

LEVEL OF CLASSIFICATION:
UNCLASSIFIED



Contractor to verify all dimensions
& conditions on site and immediately
notify the engineer of all discrepancies.

3		
2		
1	ISSUED FOR TENDER	2021/05/17

revisions	description	date
A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

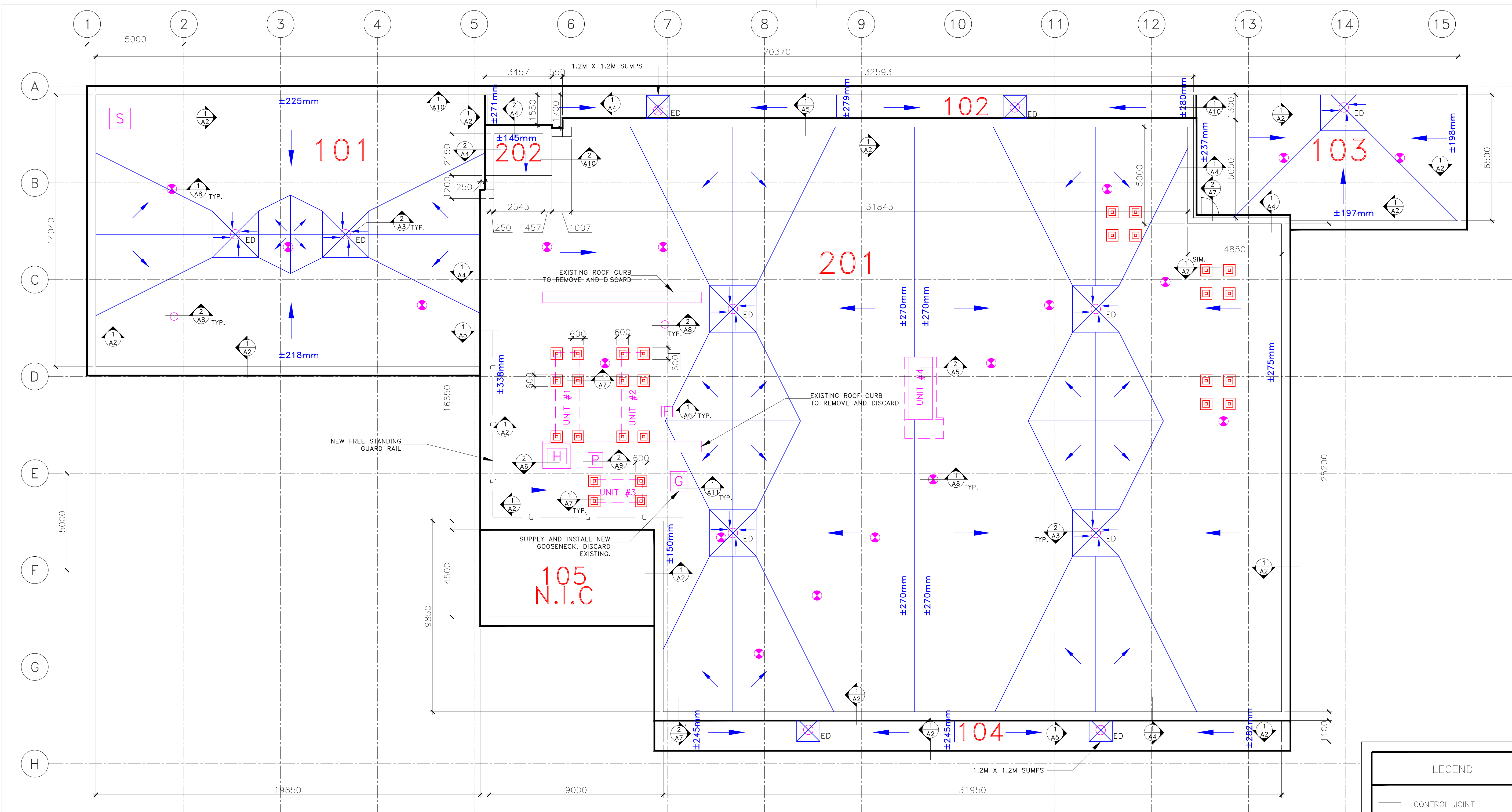
project
**SHIRLEY'S BAY
B91
ROOF REPLACEMENT**
3701 CARLING AVE.
OTTAWA, ONTARIO

drawing
**ROOF PLAN
BUILDING B91**

Designed By	D.G.F.S.	Conçu par
Date	2021/03/04	(yyyy/mm/dd)
Drawn By	DSP	Dessiné par
Date	2021/03/04	(yyyy/mm/dd)
Reviewed By	D.G.F.S./T.Q.R.S.	Examiné par
Date	2021/03/08	(yyyy/mm/dd)
Approved By	D.G.F.S.	Approuvé par
Date	2021/03/08	(yyyy/mm/dd)
Tender		Soumission

Project Manager
Administrateur de projets
Project no.
No. du projet
R.065220.767

Drawing no.
No. du dessin
A1



GENERAL NOTES:

- INFORMATION ON EXISTING MEASUREMENTS AND CONDITIONS IS PROVIDED AS A GUIDELINE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING MEASUREMENTS, CONDITIONS AND ROOF ASSEMBLY.
- SLOPED INSULATION INFORMATION:
A) SUMP AREA AROUND DRAIN TO BE 2.4m x 2.4m, UNLESS OTHERWISE NOTED.
B) ALL SLOPED INSULATION TO BE AT 2% SLOPE.
C) ALL CURBS, SKYLIGHT, PENETRATIONS, etc., TO HAVE POLYISOCYANURATE INSULATION CRICKETS TO HELP DRAINAGE OF WATER FROM ROOF. CRICKETS TO BE 4% SLOPE.
- DRAIN ASSEMBLY INFORMATION:
A) ED = EXISTING DRAIN LOCATION. INSTALL NEW DRAIN ASSEMBLY.
- MODIFY ANY/ALL EXISTING GAS LINES AND/OR EXISTING SERVICE CONDUITS TO SUIT NEW CONSTRUCTION.

EXISTING ROOF COMPOSITION(S):

ROOF AREA 101, 104, 201:
GRAVEL BALLAST
EPDM MEMBRANE
2% SLOPED POLYSTYRENE INSULATION
25mm POLYSTYRENE INSULATION
POLY 4 MIL. VAPOUR BARRIER MEMBRANE
CONCRETE DECK

ROOF AREA 102, 103:
GRAVEL BALLAST
EPDM MEMBRANE
2% SLOPED POLYSTYRENE INSULATION
25mm POLYSTYRENE INSULATION
1 PLY MODIFIED BITUMEN VAPOUR BARRIER
CONCRETE DECK

ROOF AREA 202:
GRAVEL BALLAST
EPDM MEMBRANE
75mm POLYSTYRENE INSULATION
POLY 4 MIL. VAPOUR BARRIER MEMBRANE
CONCRETE DECK (SLOPED)

CUT TEST INFORMATION FOR REFERENCE USE ONLY,
CONTRACTOR TO VERIFY ROOF COMPOSITION.

NEW ROOF COMPOSITION(S):

ROOF AREA 101, 102, 103, 104, 201:
NEW 1 PLY MODIFIED BITUMEN CAP SHEET MEMBRANE
NEW 1 PLY MODIFIED BITUMEN BASE SHEET MEMBRANE
NEW 3mm PROTECTION BOARD
NEW 2% TAPERED POLYISOCYANURATE INSULATION
NEW 100mm POLYISOCYANURATE INSULATION
NEW 1 PLY MODIFIED BITUMEN VAPOUR BARRIER MEMBRANE
EXISTING CONCRETE DECK

ROOF AREA 202:
NEW 1 PLY MODIFIED BITUMEN CAP SHEET MEMBRANE
NEW 1 PLY MODIFIED BITUMEN BASE SHEET MEMBRANE
NEW 3mm PROTECTION BOARD
NEW 2% TAPERED POLYISOCYANURATE INSULATION
NEW 100mm POLYISOCYANURATE INSULATION
NEW 1 PLY MODIFIED BITUMEN VAPOUR BARRIER MEMBRANE
EXISTING CONCRETE DECK (SLOPED)

ROOF #	AREA SQ.M (FT.SQ)
101	305 (3,283)
102	65.5 (705)
103	101.7 (1,095)
104	55 (586)
201	1,178 (12,680)
202	9 (97)
TOTAL	1,714 (18446)

LEGEND

- CONTROL JOINT
- ROOF DRAIN
- DUCTWORK CURB
- EXHAUST FAN CURB
- GOOSE NECK CURB
- PIPE ENCLOSURE
- ROOF ACCESS HATCH
- HVAC UNIT
- FREE STANDING GUARDRAIL
- PLUMBING OR SOIL STACK
- ROOF ANCHOR
- SUPPORT SLEEPER LOOSE LAID
- SUPPORT SLEEPER BUILT-IN
- INSULATION SLOPE (DIRECTION)
- LADDER
- WALKWAY PADS
- CORE CUT LOCATION
- ROOF SCUPPER
- GUY WIRE SUPPORT
- CHIMNEY