

SHEET NOTES:

1. PROPOSED ROOF TOP UNIT, AC-1. INSTALL CURB, SEE DETAIL 2/A-2.5 FOR INTENT OF CURB INSTALLATION, SEE MECHANICAL FOR SPECIFIC INFORMATION ABOUT AC-1.
2. EXISTING OPENING TO BELOW, APPROXIMATELY 200MM DIAMETER, CONTRACTOR TO VERIFY DIMENSION.
3. PROPOSED OPENING TO BELOW, 200MM, SEE DETAIL 2/A-2.5. COORDINATE WITH MECHANICAL AND ELECTRICAL FOR LOCATION AND DIAMETER. OPENINGS SHOWN ARE SMALLER THAN 0.062sm. IF CONCRETE BREAKS AND OPENING BECOME LARGER THAN 0.062sm (96 SQUARE INCHES) CONTRACTOR TO SUPPLY AND INSTALL SECURITY BARS. THE CONTRACTOR TO CORE ONE HOLE FOR THE CONSULTANTS INSPECTION TO CONFIRM THE METHODOLOGY AND ROOF ASSEMBLY PRIOR TO CORING SUBSEQUENT HOLES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORING ALL 8 PROPOSED HOLES.
4. 3 ±50mm HOLES IN WALL ASSEMBLY: PREFABRICATED INSULATED PANEL. AFTER EXISTING PIPING IS REMOVED (SEE MECHANICAL) ALL PENETRATIONS THROUGH ASSEMBLY TO PROVIDE ULC FIRE STOP, SYSTEM# W-J-0010. SIZE AND NUMBER OF HOLES TO BE CONFIRMED ON SITE. CONTINUITY OF AIR BARRIER AND INSULATION TO BE MAINTAINED AS PER MANUFACTURER'S RECOMMENDATIONS. FIRST THE CONTRACTOR SHALL CORE THROUGH WALL ASSEMBLY, ONE HOLE ONLY, FOR THE PURPOSES OF VERIFYING THE ASSEMBLY. THE CONSULTANT SHALL VERIFY THE PROCEDURE WHICH THE CONTRACTOR PLANS FOR CORING OF SUBSEQUENT TWO HOLES, WHICH SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR/ AT THIS TIME THE CONSULTANT WILL CONFIRM THE EXACT WALL ASSEMBLY AND METHODOLOGY FOR REPAIRING AND PROVIDING CONTINUITY OF THE AIR BARRIER AND INSULATION, WHICH SHALL BE THE

RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN.

5. ROOFTOP ACCESS THROUGH MAN DOOR. NOTE THE DOOR WIDTH IS 830mm AND THERE ARE RESTRICTED SPACES ON THE PATH TO THIS DOOR WITH A HORIZONTAL CLEARANCE OF NO MORE THAN 800mm WIDTH.
6. APPROXIMATE LOCATION OF EXISTING GOOSENECK TO BE REMOVED. SEE MECHANICAL.
7. UNUSED
8. PROPOSED PRE-MANUFACTURED CURB.
9. PROPOSED 50mm SEMI-RIGID NON-COMBUSTIBLE INSULATION. PROTECTED WITH 6mm RECOVERY BOARD.
10. PROPOSED NEOPRENE GASKET.
11. MECHANICALLY FASTENED DRIP FLASHING, CAULK ALL JOINTS, SEE SPEC.
12. 2 PLY MODIFIED BITUMINOUS MEMBRANE. PROVIDE POSITIVE LAPS AS SHOWN, EXTENT OF LAP TO MEET MANUFACTURER'S STANDARDS.
13. PRESSURE TREATED WOOD BLOCKING TO RECEIVE FASTENERS.
14. EXISTING ROOF BALLAST, STONE OR PRECAST CONCRETE PANELS. CAREFULLY REMOVE TO FACILITATE WORK, REPLACE ONCE WORK IS COMPLETE AND MAKE GOOD.
15. APPLY RUBBERIZED PLASTIC ROOF CEMENT OVER MEMBRANE TO TIE INTO EXISTING BITUMINOUS ROOFING MEMBRANE AS PER MANUFACTURER'S RECOMMENDATIONS.

16. EXISTING INSULATION, TO BE TEMPORARILY REMOVED AND/OR PROTECTED AS NECESSARY WITH 6mm RECOVERY BOARD. IF DAMAGED REPLACE WITH NEW. CUT AND FIT TIGHTLY TO NEW OPENING AND SURROUNDS.

17. ROOF CURB TO BE MECHANICALLY FASTENED TO STRUCTURE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. FASTENERS SEISMICALLY DESIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE PROVINCE OF NEWFOUNDLAND AND LABRADOR.

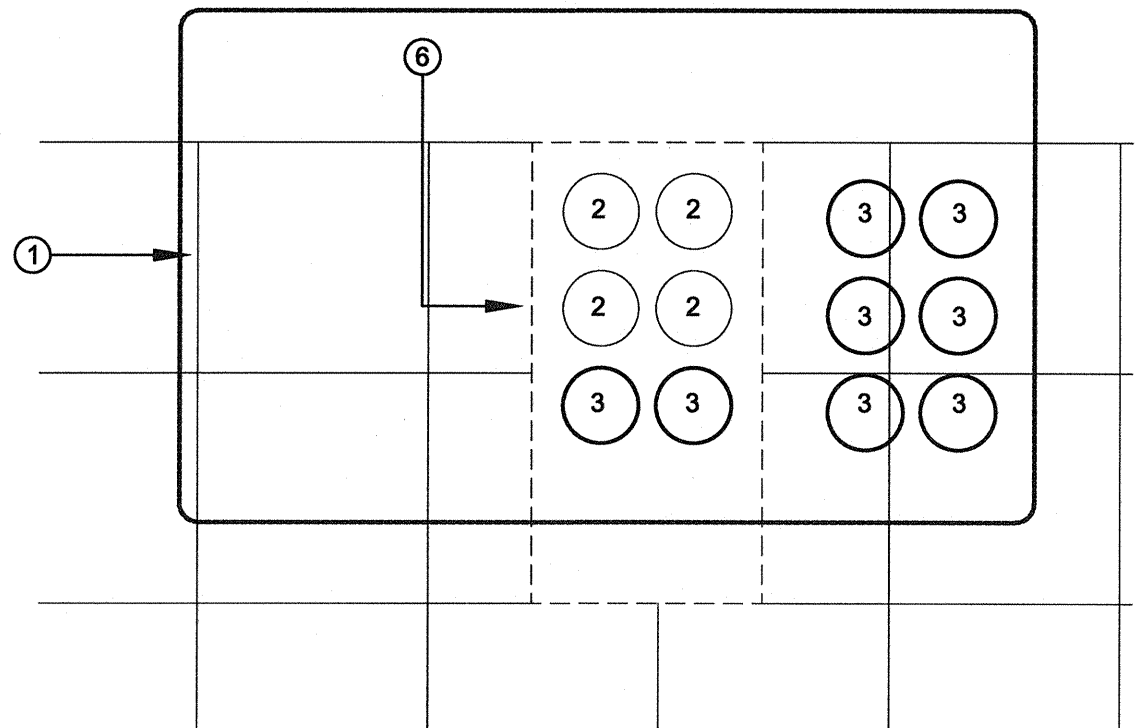
18. PRESSURE TREATED WOOD CANT STRIP, 102mm X102mm MINIMUM.

19. A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE PROVINCE OF NEWFOUNDLAND AND LABRADOR SHALL PROVIDE A STAMPED SHOP DRAWING OF THE PREFABRICATED CURB. ADDITIONALLY, A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN NEWFOUNDLAND AND LABRADOR SHALL CONFIRM THE STRUCTURAL INTEGRITY OF THE ROOF STRUCTURE WITH PROPOSED CORES.

20. APPROXIMATE LOCATION OF BOUNDARY BETWEEN CONCRETE PAVERS AND CRUSHED STONE BALLAST.

21. EXISTING FILTER FABRIC TO BE TEMPORARILY REMOVED TO FACILITATE INSTALLATION OF MEMBRANES. IF DAMAGED, REPLACE WITH NEW AND LAP AS PER MANUFACTURER'S RECOMMENDATIONS.

22. NEW ROOFING MEMBRANE APPLIED DIRECTLY TO EXISTING CONCRETE STRUCTURE. EXISTING ROOFING MEMBRANE TO BE REMOVED AND SURFACE PREPARED AS PER MANUFACTURER'S RECOMMENDATIONS TO ACCEPT NEW MEMBRANE. DRAINAGE PLANE ABOVE MEMBRANE TO BE MAINTAINED. CONTRACTOR IS RESPONSIBLE FOR ASSURING POSITIVE DRAINAGE AROUND UNIT.



PLAN BLOW UP

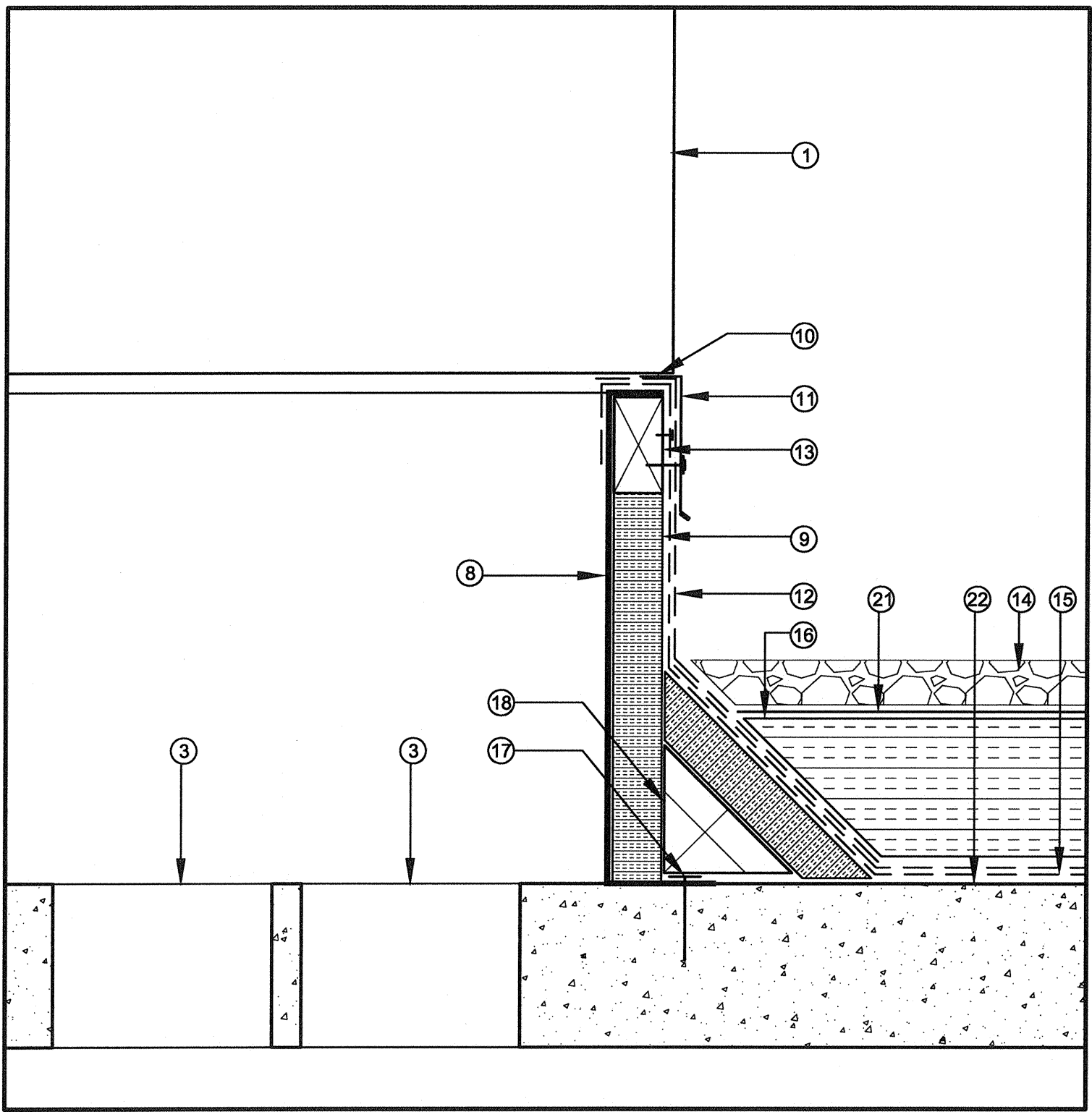
SCALE 1:20 (1:40 WHEN PRINTED ON 11X17)

3

A-2.5

LEGEND:

- EXISTING WALL
- EXISTING DOOR
- LIMITS OF CONTRACT

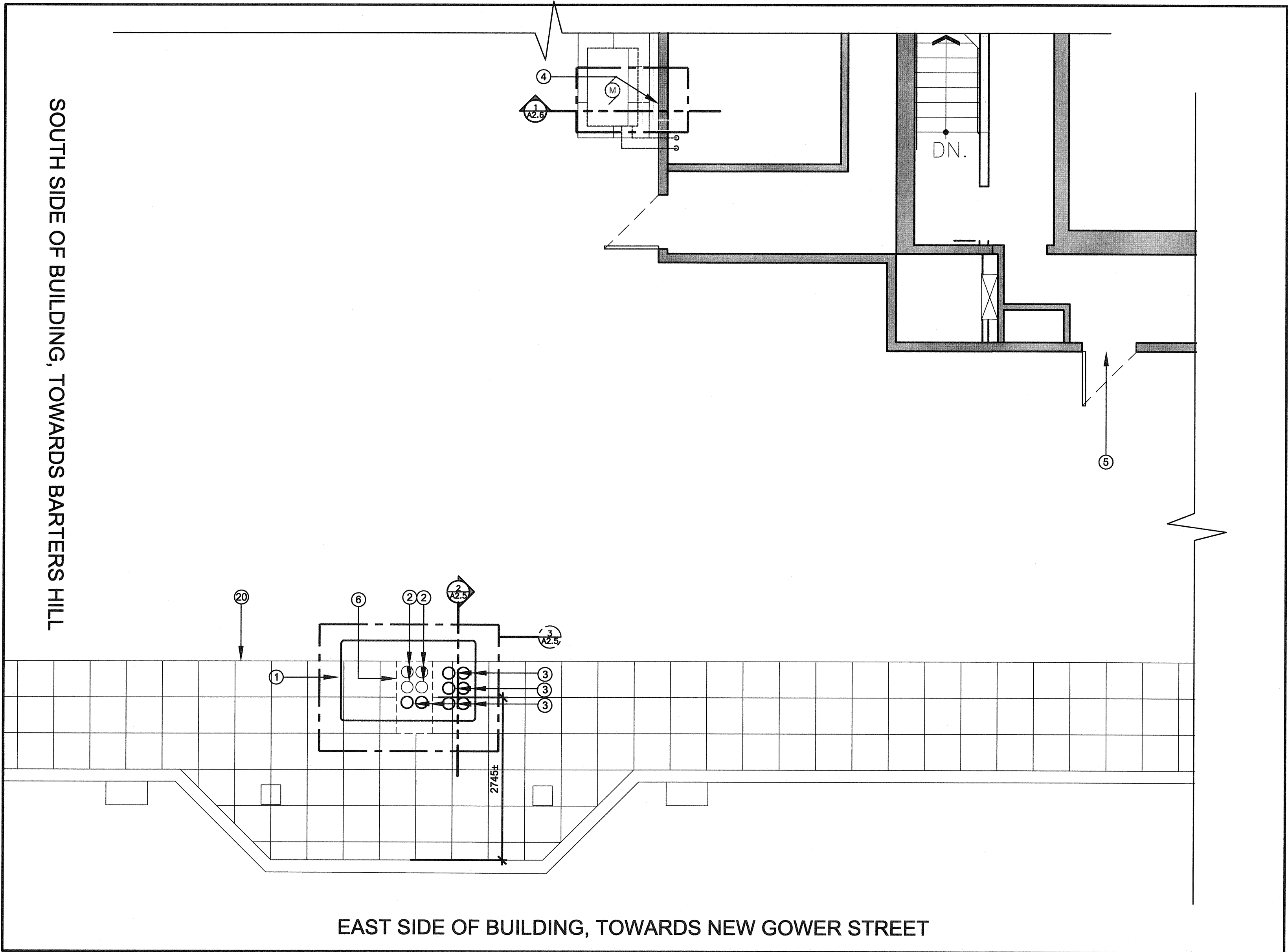


PROPOSED ROOF CURB DETAIL

SCALE 1:5 (1:10 WHEN PRINTED ON 11X17)

2

A-2.5



PROPOSED ROOF PLAN

SCALE 1:50 (1:100 WHEN PRINTED ON 11X17)

1

A-2.5

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada



REF. NORTH

PRIME CONSULTANT, MECHANICAL & ELECTRICAL

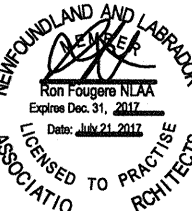


ANTARES ENGINEERING GROUP INC.

ARCHITECTURAL

**Fougere**  
**Menchenton**  
ARCHITECTURE

STAMP



GENERAL NOTES:

1. CONTRACTOR MUST VERIFY ALL DIMENSIONS ON SITE BEFORE PROCEEDING WITH ANY PORTION OF THIS WORK. DO NOT SCALE DRAWING.

B	Issued for Tender	07.21.17
A	Issued for 90% Review	05.06.17
revisions	title	date

project project

District Office  
Infrastructure  
John Cabot Building  
St. John's, NL  
Building ID: GOC00047

drawing dessin

PROPOSED  
ROOF PLAN  
AND DETAILS

designed EC/RF conçu

date MAY 2017

drawn EC dessiné

date MAY 2017

approved RF approuvé

date MAY 2017

Tender: 2017/07/21 Soumission

#WGC Project Manager Administrateur de projets TPSCG

project number no. du projet

R.090120.001

drawing no. no. du dessin

A-2.5

E-DRM/GDD-E:

