

TERRA NOVA NATIONAL PARK PARK HOUSING RECAPITALIZATION

ISSUED FOR TENDER
MARCH 24, 2016

LIST OF DRAWINGS

ARCHITECTURAL:

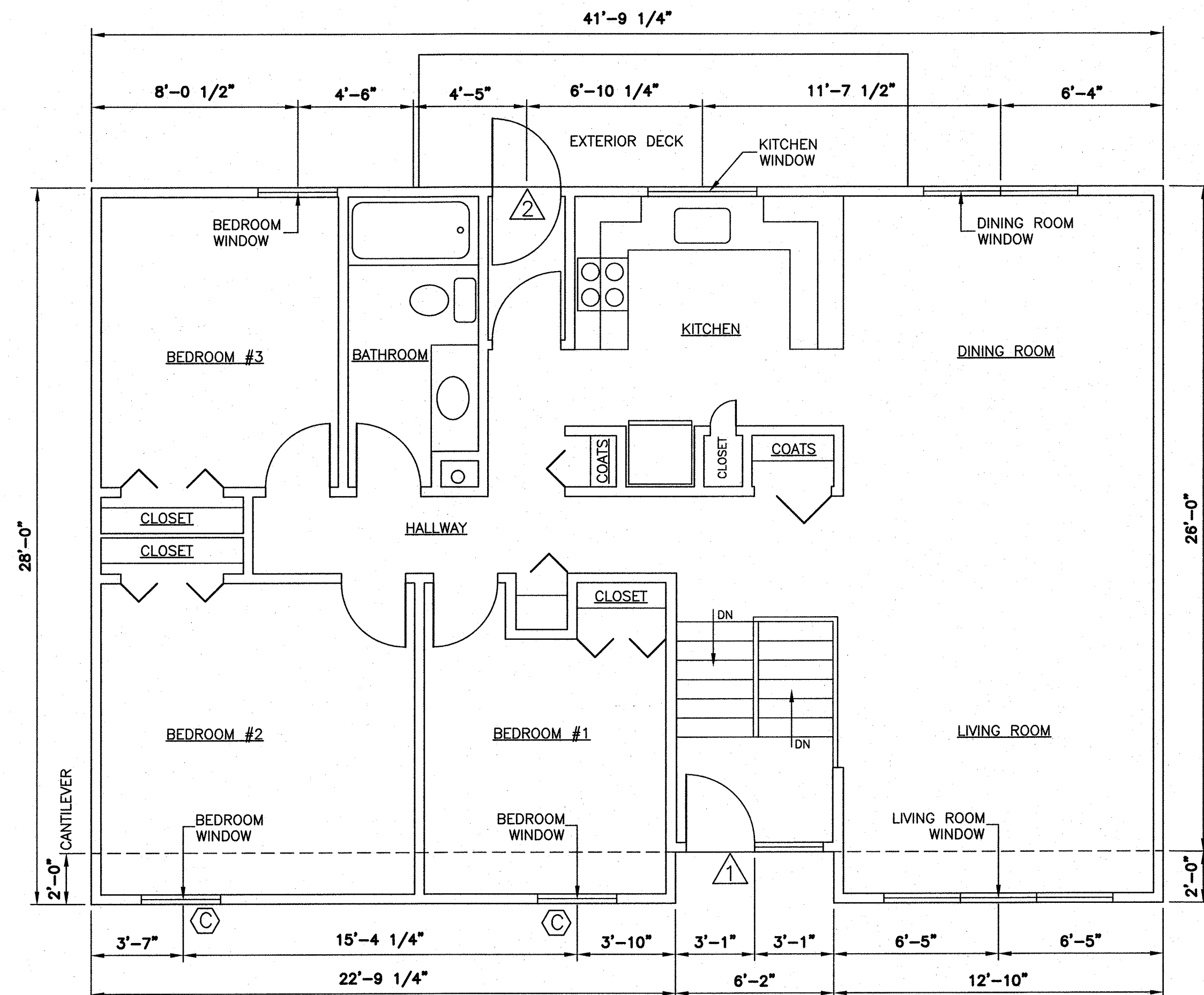
A1 - EXISTING FLOOR PLAN HOUSE #5
A2 - RENOVATION DETAILS HOUSE #5
A3 - EXISTING FLOOR PLANS HOUSE #6 AND #7
A4 - RENOVATION DETAILS HOUSE #6 AND #7
A5 - EXISTING FLOOR PLANS HOUSE #8 AND #9
A6 - RENOVATION DETAILS HOUSE #8 AND #9
A7 - EXISTING FLOOR PLAN HOUSE #10
A8 - RENOVATION DETAILS HOUSE #10
A9 - SECTIONS, DETAILS, AND SCHEDULES

MECHANICAL:

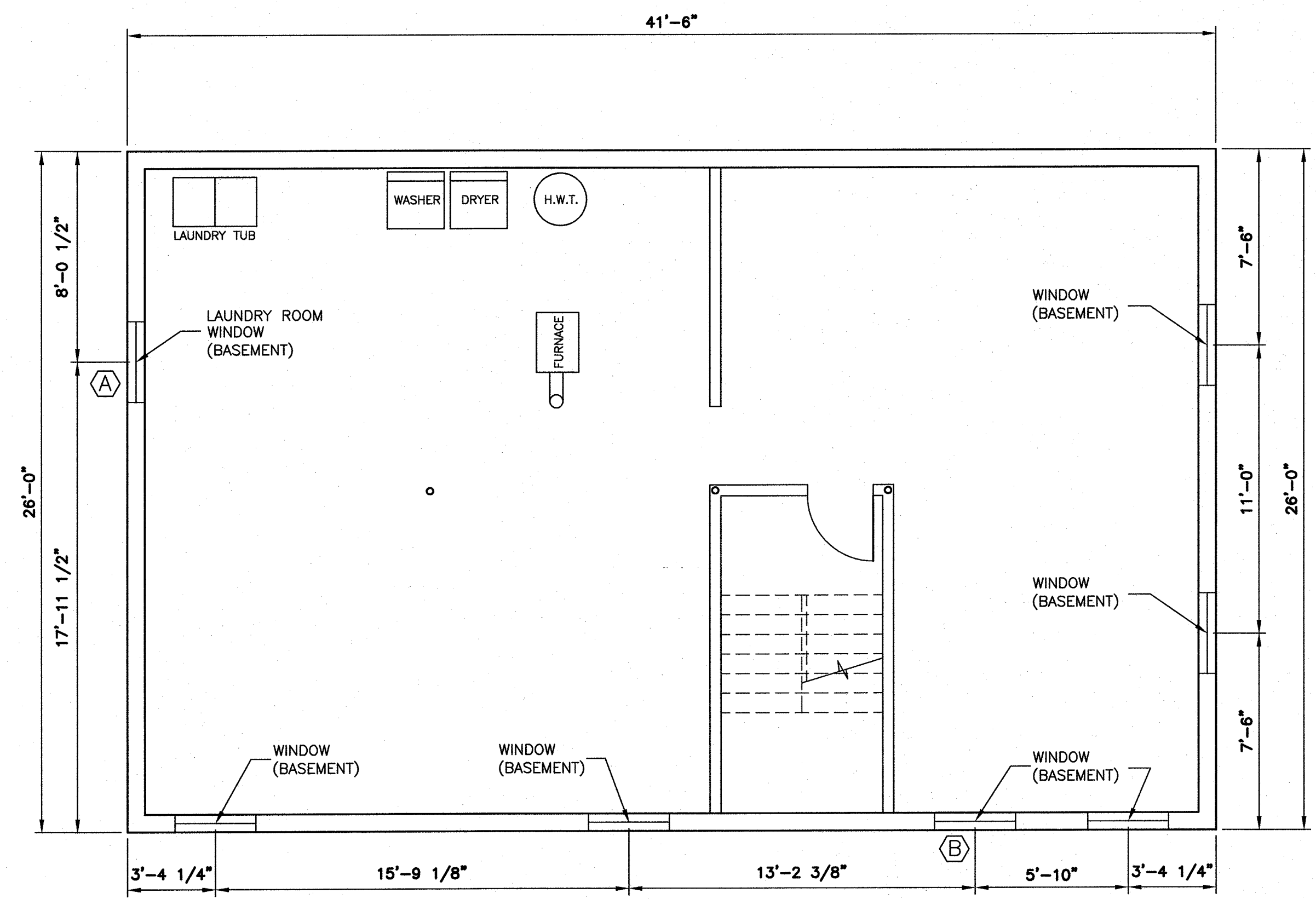
M1 - HOUSE #5 AND #10 HEATING DEMOLITION,
NEW HEATING LAYOUT AND SCHEDULE
M2 - HOUSE #6, #7, #8 AND #9 HEATING
DEMOLITION, NEW HEATING LAYOUT AND SCHEDULE
M3 - MECHANICAL DETAILS

ELECTRICAL:

E1 - LEGEND AND GENERAL NOTES
E2 - HOUSE NO. 5 AND 10 - ELECTRICAL LAYOUTS
E3 - HOUSE NO. 6 AND 7 - ELECTRICAL LAYOUTS
E4 - HOUSE NO. 8 AND 9 - ELECTRICAL LAYOUTS



GROUND FLOOR PLAN



BASEMENT FLOOR PLAN

NOTES

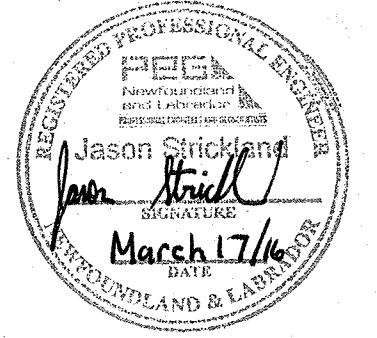
- DO NOT SCALE FROM DRAWINGS.
- ALL DIMENSIONS IN INCHES AND FEET UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL DIMENSIONS ONSITE BEFORE PROCEEDING WITH ANY PORTION OF THE WORK.
- DETAILS OF THE EXISTING STRUCTURE ARE SHOWN FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL VISIT SITE AND REVIEW AND VERIFY THE EXTENT OF THE WORK SPECIFIED WITHIN THE CONTRACT DOCUMENTS.
- LOCATION OF PARTITION WALLS ARE APPROXIMATE ONLY AS FLOOR PLAN IS BASED ON ORIGINAL CONSTRUCTION. ANY POTENTIAL REVISIONS TO FLOOR PLAN ARE NOT REFLECTED, THEREFORE CONTRACTOR TO VERIFY ROOM DIMENSIONS.

LEGEND:

- DOOR TYPE, SEE DOOR SCHEDULE ON SHEET A9
- WINDOW TYPE, SEE WINDOW SCHEDULE ON SHEET A9

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

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG PERMIT HOLDER
 This Permit Allows
Meridian Engineering Inc.
 To practice Professional Engineering in Newfoundland and Labrador.
 Permit No. as issued by PEG N0453 which is valid for the year 2016.



revisions	date
2	ISSUED FOR TENDER 16/03/24
1	ISSUED FOR 100% REVIEW 16/03/07
0	ISSUED FOR REVIEW 16/01/26

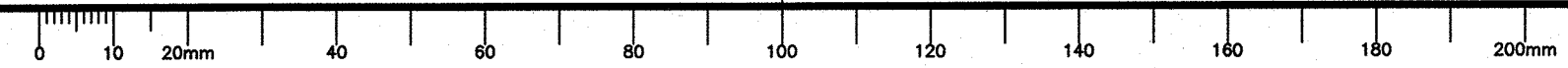
A detail no. / no. du detail
 B location drawing no. / sur dessin no.
 C drawing no. / dessin no.

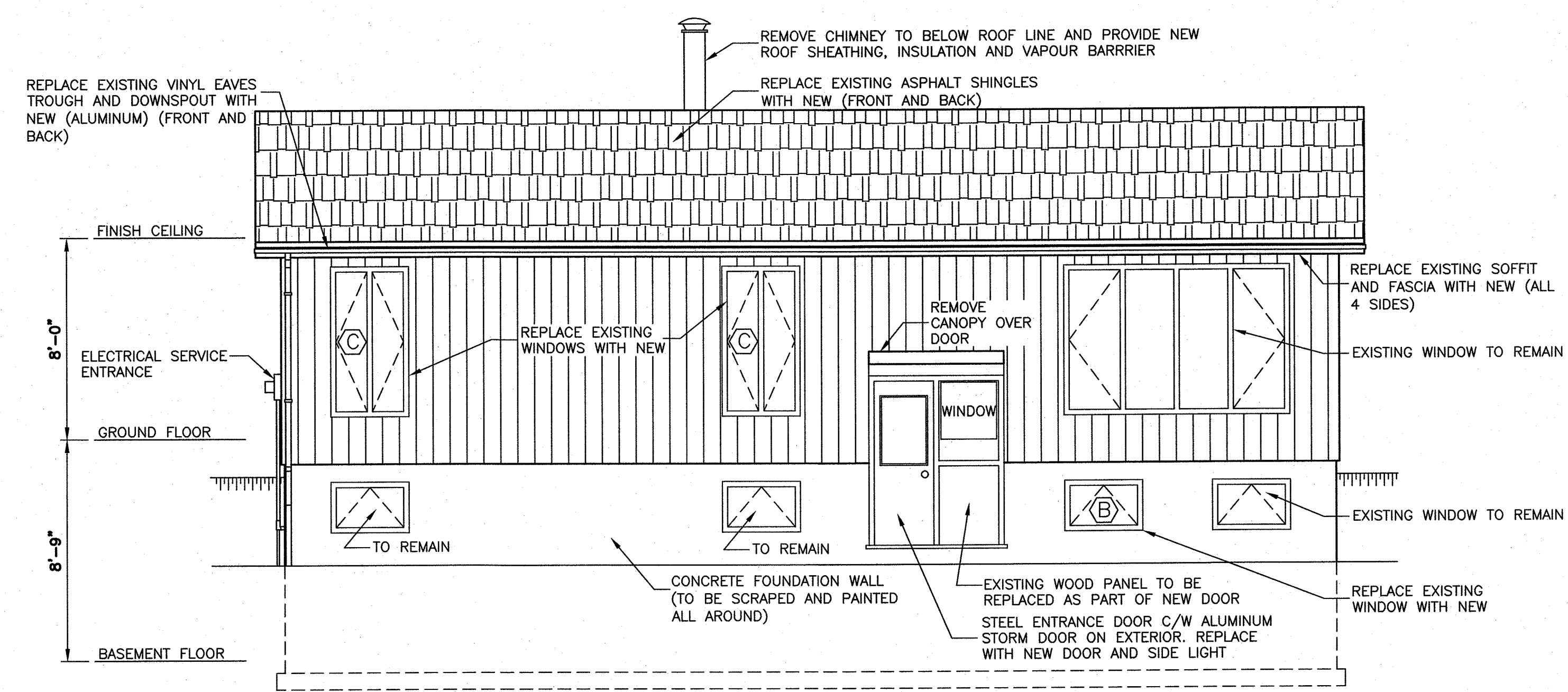
project project
**TERRA NOVA NATIONAL PARK
 PARK HOUSING
 RECAPITALIZATION**

drawing dessin
**EXISTING FLOOR PLAN
 HOUSE #5**

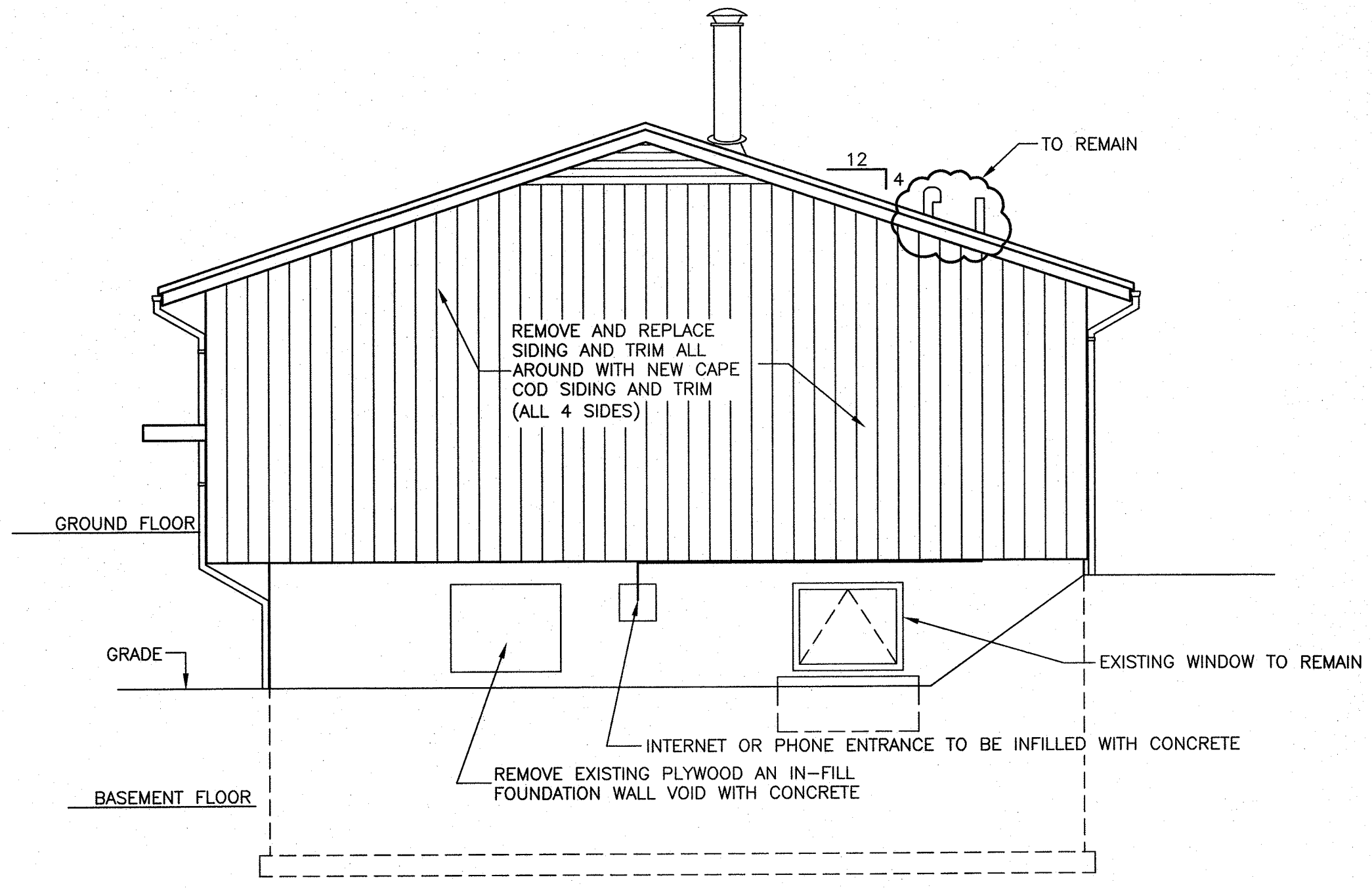
designed J.S.	concu
date MARCH 2016	
drawn R.S.	dessine
date MARCH 2016	
approved	approuve
date	
Tender	Submission
PWC Project Manager	Administrateur de projets TPC
project number	no. du projet
PRO 000610	
drawing no.	no. du dessin
A-1	

MERIDIAN PROJECT NO. CC15CRE082

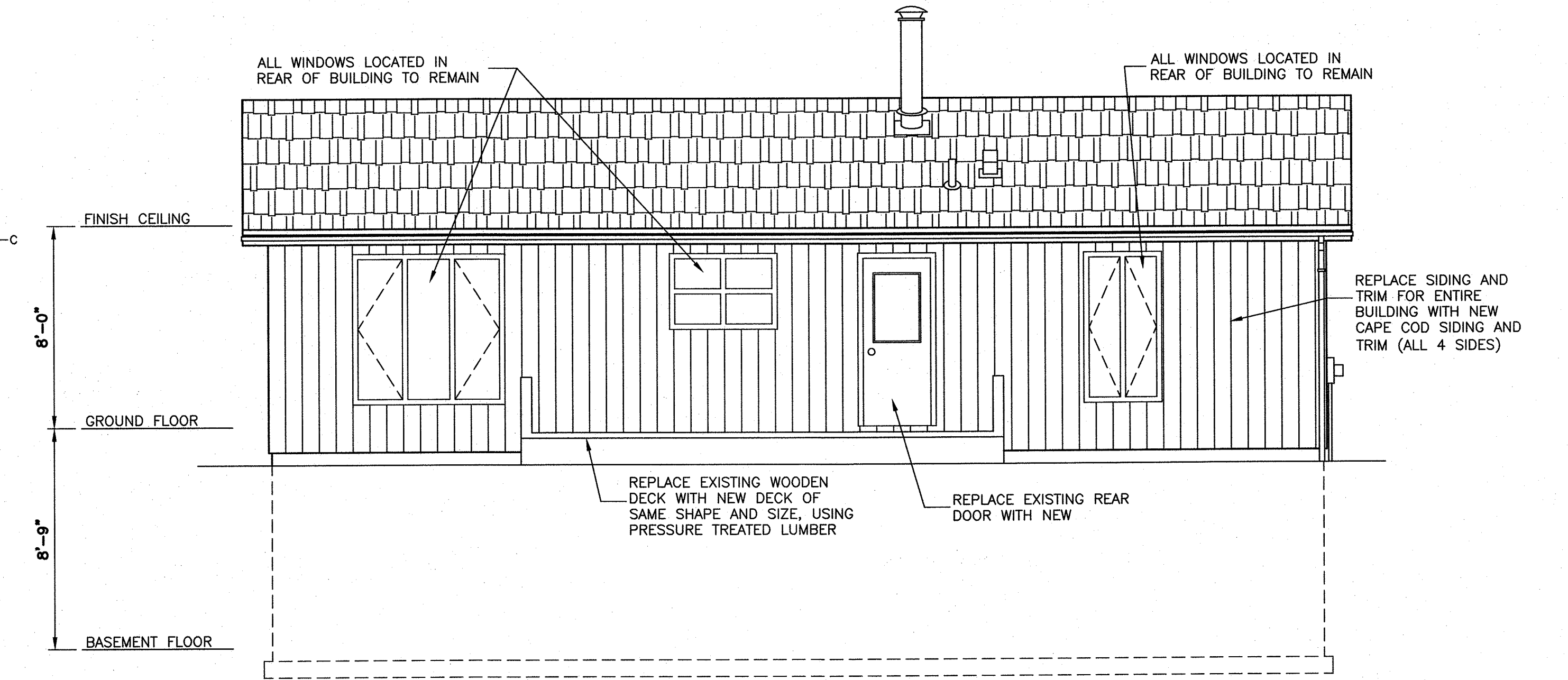




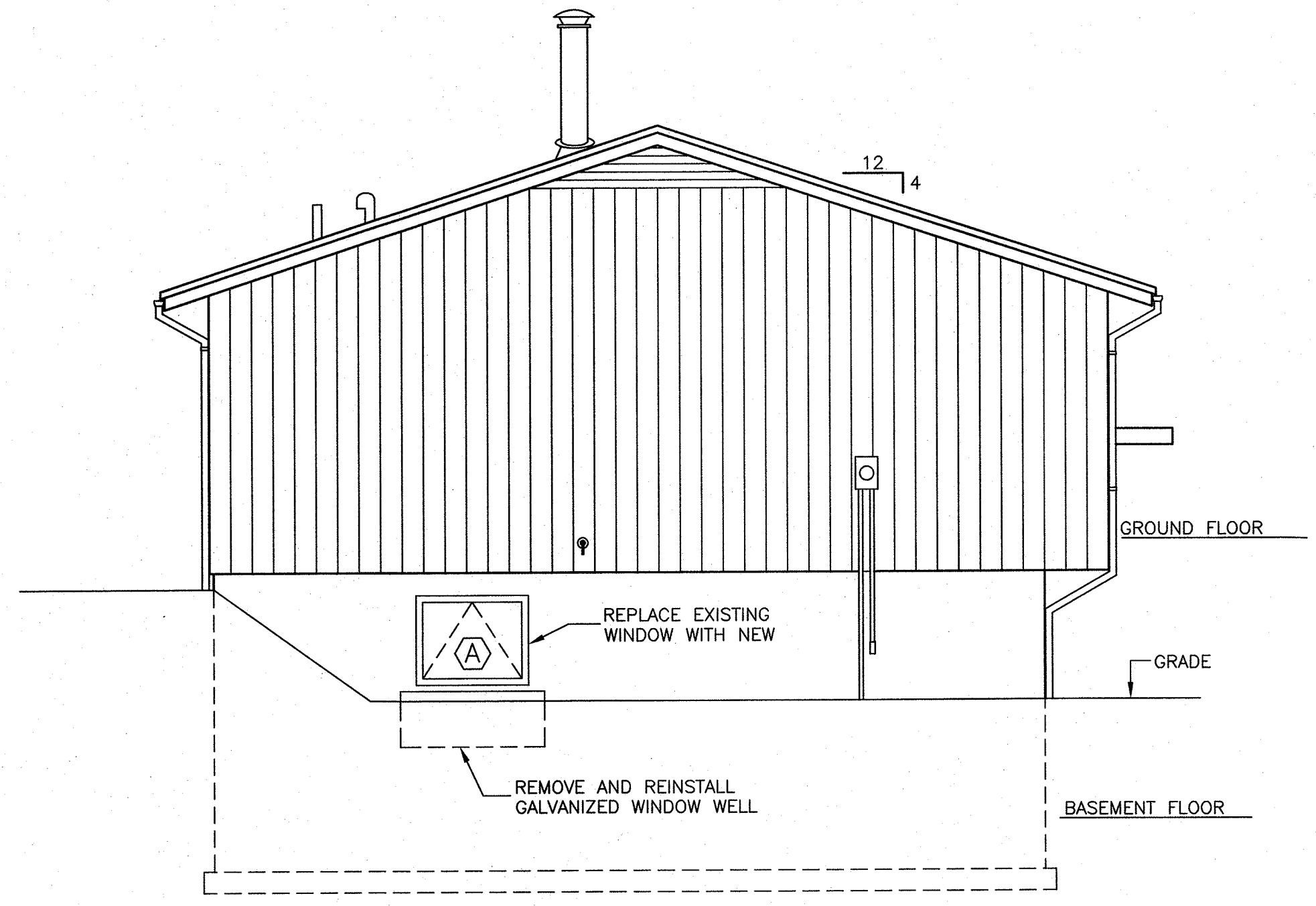
EXISTING FRONT ELEVATION



EXISTING RIGHT SIDE ELEVATION



EXISTING REAR ELEVATION



EXISTING LEFT SIDE ELEVATION

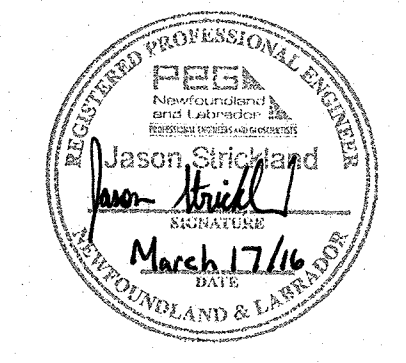
NOTES

- DO NOT SCALE FROM DRAWINGS.
- ALL DIMENSIONS IN INCHES AND FEET UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE BEFORE PROCEEDING WITH ANY PORTION OF THE WORK.
- DETAILS OF THE EXISTING STRUCTURE ARE SHOWN FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL VISIT SITE AND REVIEW AND VERIFY THE EXTENT OF THE WORK SPECIFIED WITHIN THE CONTRACT DOCUMENTS.
- CONTRACTOR TO MAKE ADEQUATE PROVISIONS FOR CONSTRUCTION STRESSES, WEATHER PROTECTION AND FOR TEMPORARY BRACING AND SHORING TO KEEP THE STRUCTURE PLUMB AND LEVEL DURING ALL PHASES OF WORK.
- EXISTING BUILDING COMPONENTS TO BE REMOVED AND REPLACED AS INDICATED ON THE DRAWINGS.
- COORDINATE WITH OWNER TEMPORARY RELOCATION OF MATERIALS AND EQUIPMENT LOCATED INSIDE STRUCTURE. CONTRACTOR TO REMOVE/RELOCATE BUILDING CONTENTS AS DIRECTED BY OWNER'S REPRESENTATIVE.
- ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA, LATEST EDITION, AND CSA 086.1, LATEST EDITION.
- PROVIDE ALL NECESSARY TRIM AND FINISH FOR ALL DOORS, WINDOW OPENINGS, PATCH WORK, ETC.
- INSTALL NEW EXTERIOR VENTS AS REQUIRED BY MECHANICAL SYSTEMS. COORDINATE THIS WORK WITH INSTALLATION OF NEW SIDING.
- CONTRACTOR TO VERIFY DIMENSIONS OF WINDOWS AND DOORS DEEMED FOR REPLACEMENT PRIOR TO FINALIZING ORDER WITH SUPPLIER. DIMENSIONS SHOWN AND REFERENCED IN DOOR SCHEDULE ARE APPROXIMATE ONLY, AND NOT TO BE TAKEN AS FINAL.
- IF DURING REMOVAL OF SIDING, WINDOWS, SHINGLES, OR ANY OTHER BUILDING COMPONENT RESULTS IN DISCOVERY OF ROT, CONTRACTOR TO CONTACT OWNER'S REPRESENTATIVE TO DETERMINE IF SHEATHING SHALL BE REPLACED PRIOR TO COVERING UP.

LEGEND:

- DOOR TYPE, SEE DOOR SCHEDULE ON SHEET A9
- WINDOW TYPE, SEE WINDOW SCHEDULE ON SHEET A9

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
 This Permit Allows
Meridian Engineering Inc.
 To practice Professional Engineering in Newfoundland and Labrador.
 Permit No. as issued by PEG NO453 which is valid for the year 2018.



revisions	date
2	ISSUED FOR TENDER 16/03/24
1	ISSUED FOR 100% REVIEW 16/03/07
0	ISSUED FOR REVIEW 16/01/26

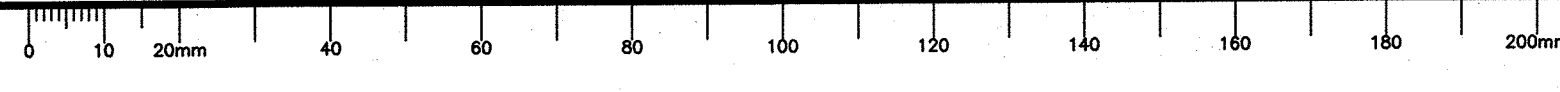
A detail no. du detail
 B location drawing no. sur dessin no.
 C drawing no. dessin no.

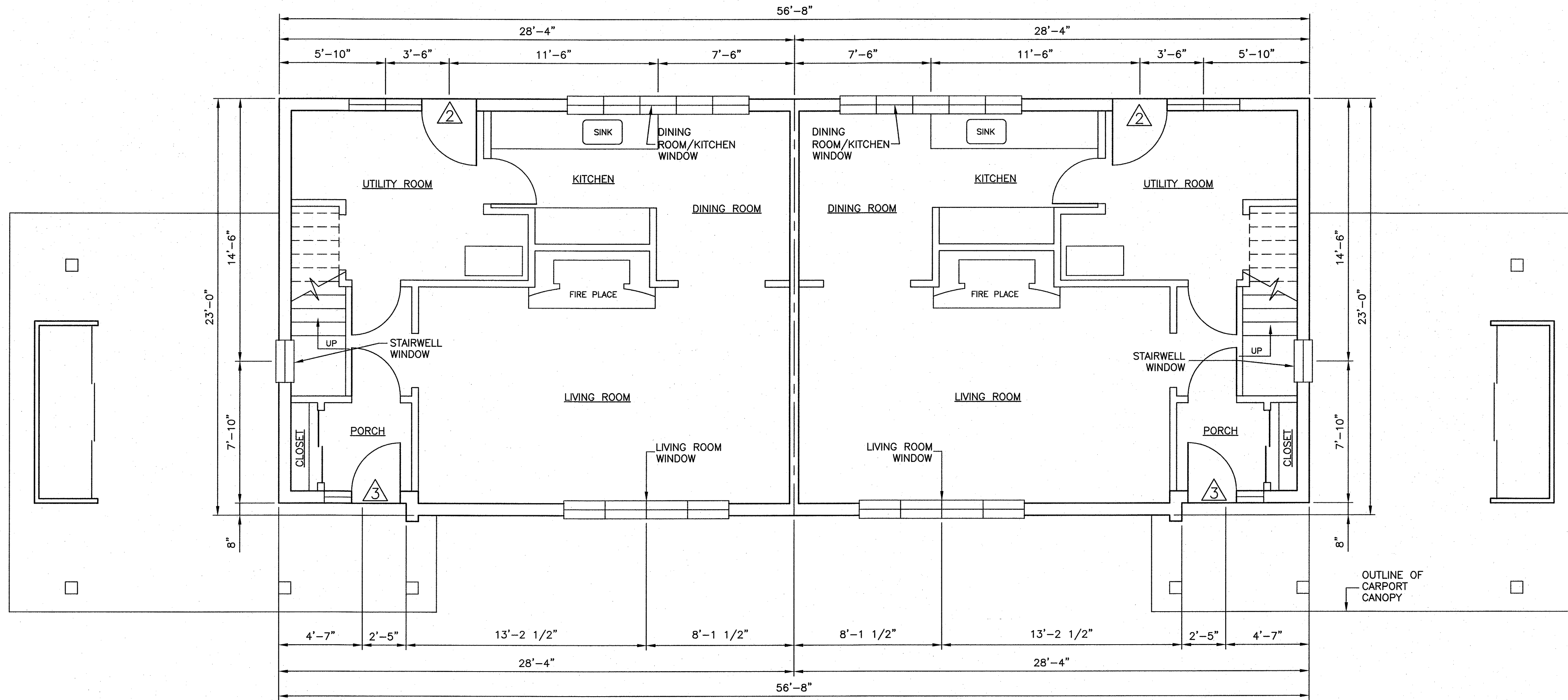
TERRA NOVA NATIONAL PARK
 PARK HOUSING
 RECAPITALIZATION

RENOVATION DETAILS
 HOUSE #5

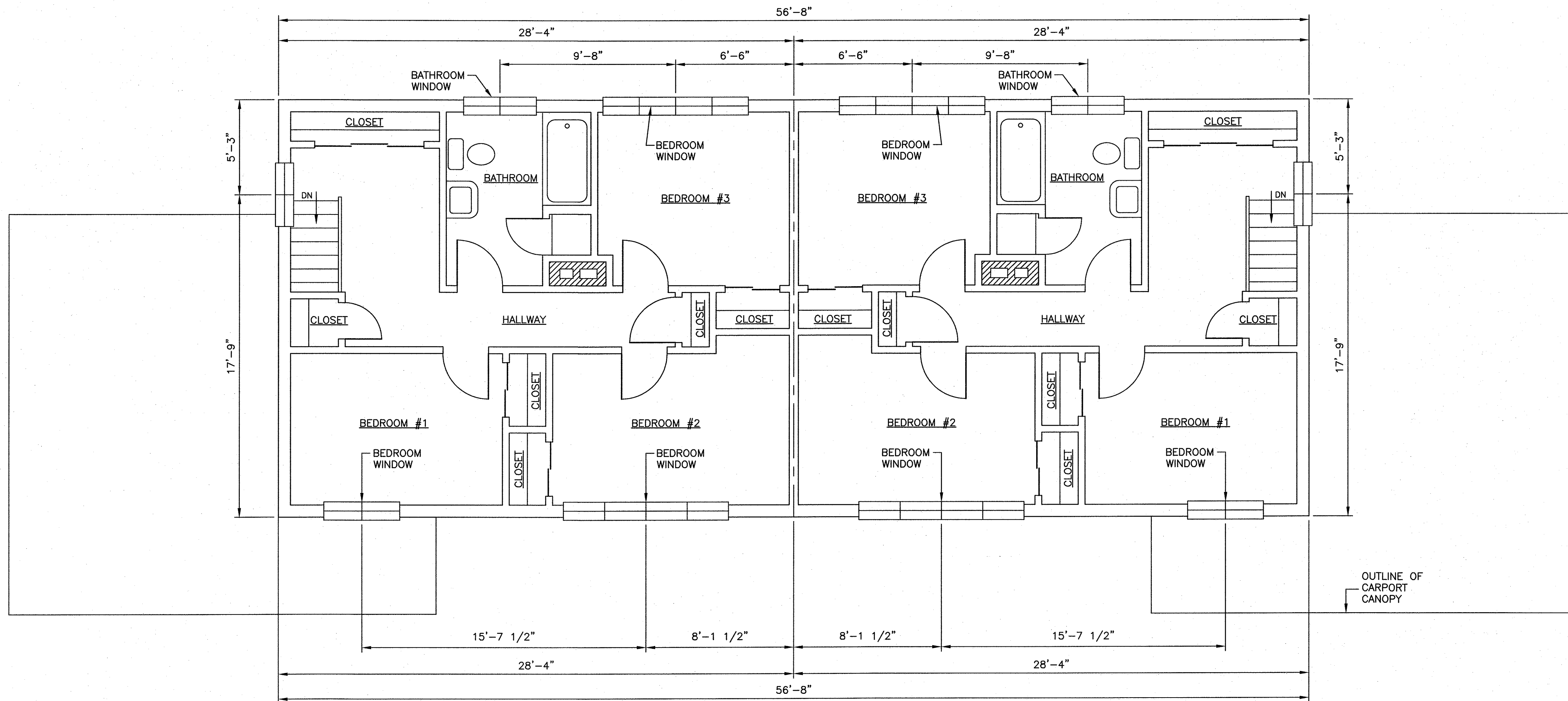
designed J.S.	conçu
date MARCH 2016	
drawn R.S.	dessiné
date MARCH 2016	
approved	approuvé
date	
Tender	Soumission
PWC Project Manager	Administrateur de projets TPC
project number	no. du projet
PRO 000610	
drawing no.	no. du dessin
A-2	

MERIDIAN PROJECT NO. CC15CRE082



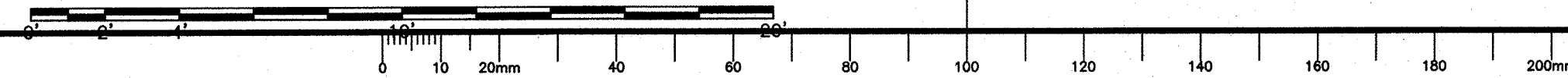


FIRST FLOOR PLAN



SECOND FLOOR PLAN

SCALE: 1/4" = 1'



NOTES

- DO NOT SCALE FROM DRAWINGS.
- ALL DIMENSIONS IN INCHES AND FEET UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL DIMENSIONS ONSITE BEFORE PROCEEDING WITH ANY PORTION OF THE WORK.
- DETAILS OF THE EXISTING STRUCTURE ARE SHOWN FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL VISIT SITE AND REVIEW AND VERIFY THE EXTENT OF THE WORK SPECIFIED WITHIN THE CONTRACT DOCUMENTS.
- LOCATION OF PARTITION WALLS ARE APPROXIMATE ONLY AS FLOOR PLAN IS BASED ON ORIGINAL CONSTRUCTION. ANY POTENTIAL REVISIONS TO FLOOR PLAN ARE NOT REFLECTED, THEREFORE CONTRACTOR TO VERIFY ROOM DIMENSIONS.

LEGEND:

△ DOOR TYPE, SEE DOOR SCHEDULE ON SHEET A9

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

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
 This Permit Allows
Meridian Engineering Inc.
 To practice Professional Engineering in Newfoundland and Labrador.
 Permit No. as issued by PEG_N0458 which is valid for the year 2016.



revisions	date
2	ISSUED FOR TENDER 16/03/24
1	ISSUED FOR 100% REVIEW 16/03/07
0	ISSUED FOR REVIEW 16/01/26

A	A detail no. no. du detail	A
B	B location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C


project / projet
**TERRA NOVA NATIONAL PARK
 PARK HOUSING
 RECAPITALIZATION**

drawing / dessin
**EXISTING FLOOR PLANS
 HOUSE #6 AND 7**

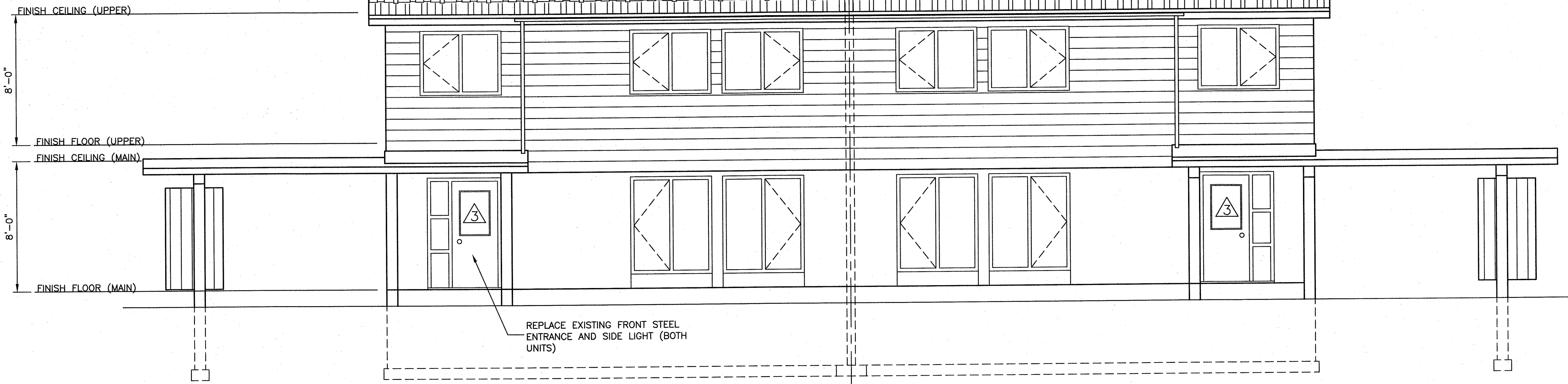
designed / conçu	J.S.
date	MARCH 2016
drawn / dessiné	R.S.
date	MARCH 2016
approved / approuvé	
date	
Tender / Soumission	
PWC Project Manager / Administrateur de projets TPC	
project number / no. du projet	PRO 000610
drawing no. / no. du dessin	A-3

MERIDIAN PROJECT NO. CC15CRE082

UNIT #1 UNIT #2

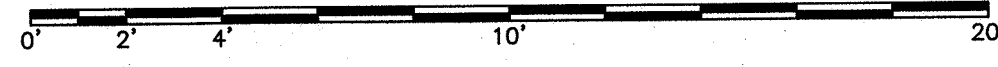
LEGEND:
 DOOR TYPE, SEE DOOR SCHEDULE ON SHEET A9

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



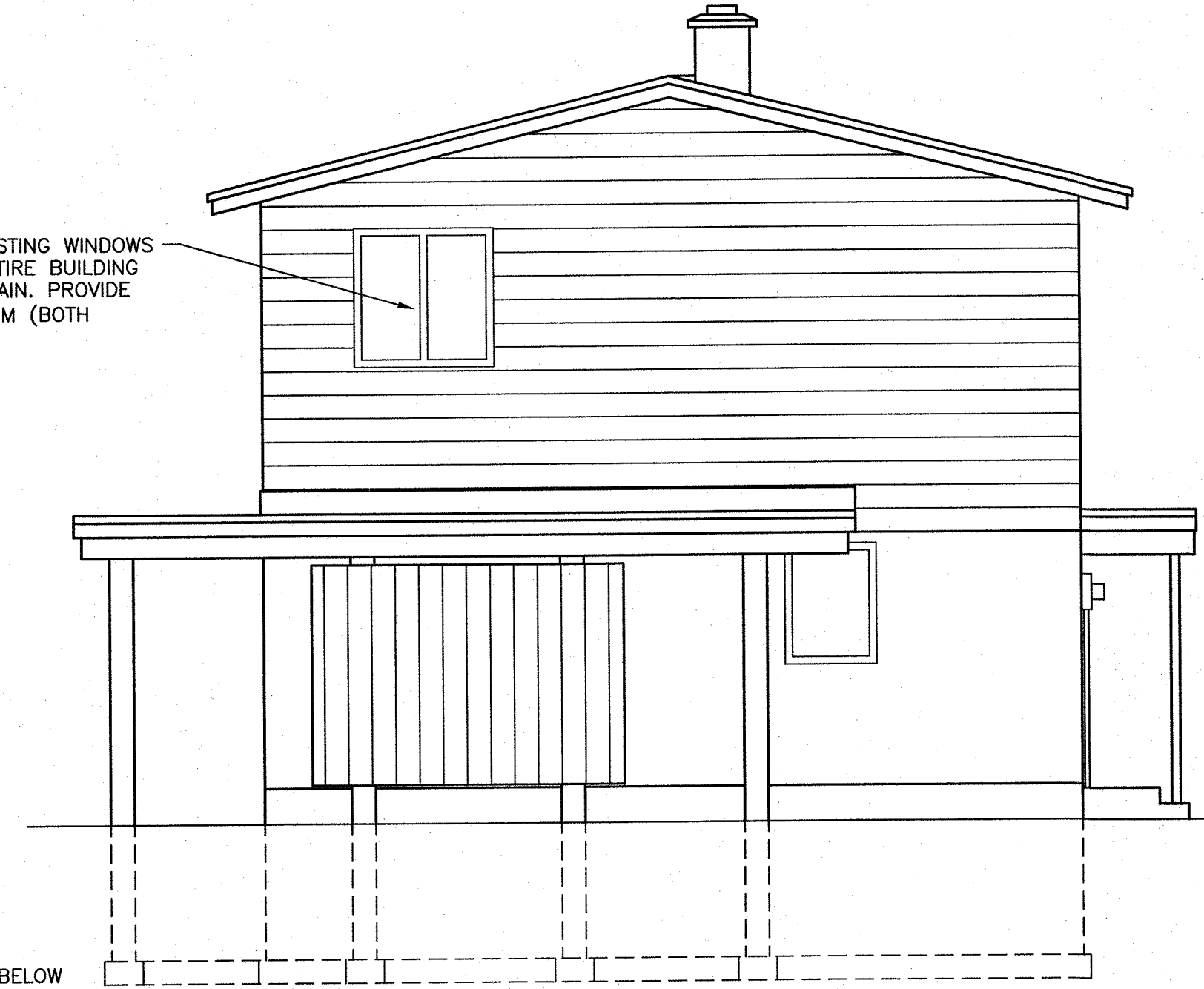
FRONT ELEVATION

SCALE: 1/4" = 1'

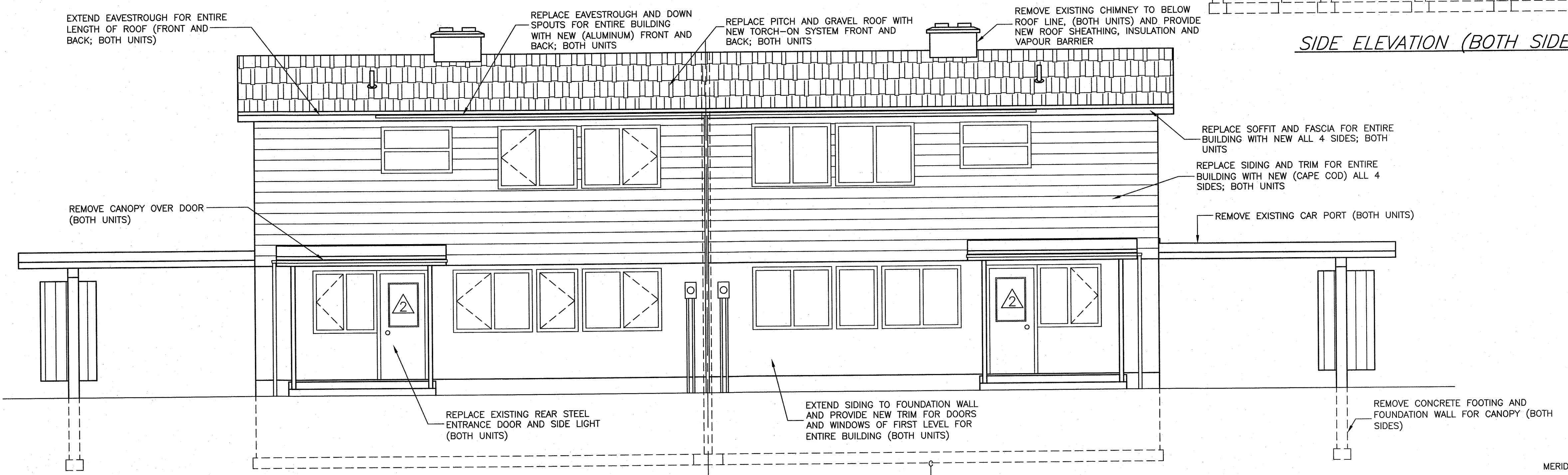


NOTES

1. DO NOT SCALE FROM DRAWINGS.
2. ALL DIMENSIONS IN INCHES AND FEET UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL DIMENSIONS ONSITE BEFORE PROCEEDING WITH ANY PORTION OF THE WORK.
3. DETAILS OF THE EXISTING STRUCTURE ARE SHOWN FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL VISIT SITE AND REVIEW AND VERIFY THE EXTENT OF THE WORK SPECIFIED WITHIN THE CONTRACT DOCUMENTS.
4. CONTRACTOR TO MAKE ADEQUATE PROVISIONS FOR CONSTRUCTION STRESSES, WEATHER PROTECTION AND FOR TEMPORARY BRACING AND SHORING TO KEEP THE STRUCTURE PLUMB AND LEVEL DURING ALL PHASES OF WORK.
5. EXISTING BUILDING COMPONENTS TO BE REMOVED AND REPLACED AS INDICATED ON THE DRAWINGS.
6. COORDINATE WITH OWNER TEMPORARY RELOCATION OF MATERIALS AND EQUIPMENT LOCATED INSIDE STRUCTURE. CONTRACTOR TO REMOVE/RELOCATE BUILDING CONTENTS AS DIRECTED BY OWNER'S REPRESENTATIVE.
7. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA, LATEST EDITION, AND CSA 086.1, LATEST EDITION.
8. PROVIDE ALL NECESSARY TRIM AND FINISH FOR ALL DOORS, WINDOW OPENINGS, PATCH WORK, ETC.
9. INSTALL NEW EXTERIOR VENTS AS REQUIRED BY MECHANICAL SYSTEMS. COORDINATE THIS WORK WITH INSTALLATION OF NEW SIDING.
10. CONTRACTOR TO VERIFY DIMENSIONS OF WINDOWS AND DOORS DEEMED FOR REPLACEMENT PRIOR TO FINALIZING ORDER WITH SUPPLIER. DIMENSIONS SHOWN AND REFERENCED IN DOOR SCHEDULE ARE APPROXIMATE ONLY, AND NOT TO BE TAKEN AS FINAL.
11. IF DURING REMOVAL OF SIDING, WINDOWS, SHINGLES, OR ANY OTHER BUILDING COMPONENT RESULTS IN DISCOVERY OF ROT, CONTRACTOR TO CONTACT OWNER'S REPRESENTATIVE TO DETERMINE IF SHEATHING SHALL BE REPLACED PRIOR TO COVERING UP.



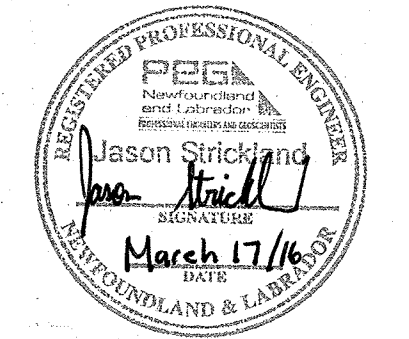
SIDE ELEVATION (BOTH SIDES)



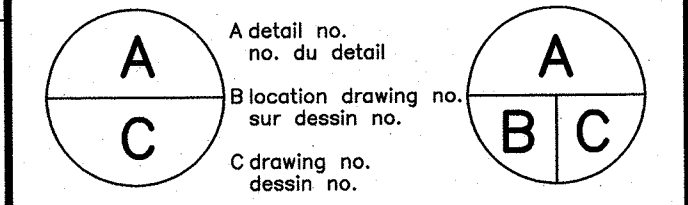
REAR ELEVATION

40 60 80 100 120 140 160 180 200mm

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
 This Permit Allows
Meridian Engineering Inc.
 To practice Professional Engineering in Newfoundland and Labrador.
 Permit No. as issued by PEG NO453 which is valid for the year 2018.



revisions		date
2	ISSUED FOR TENDER	16/03/24
1	ISSUED FOR 100% REVIEW	16/03/07
0	ISSUED FOR REVIEW	16/01/26

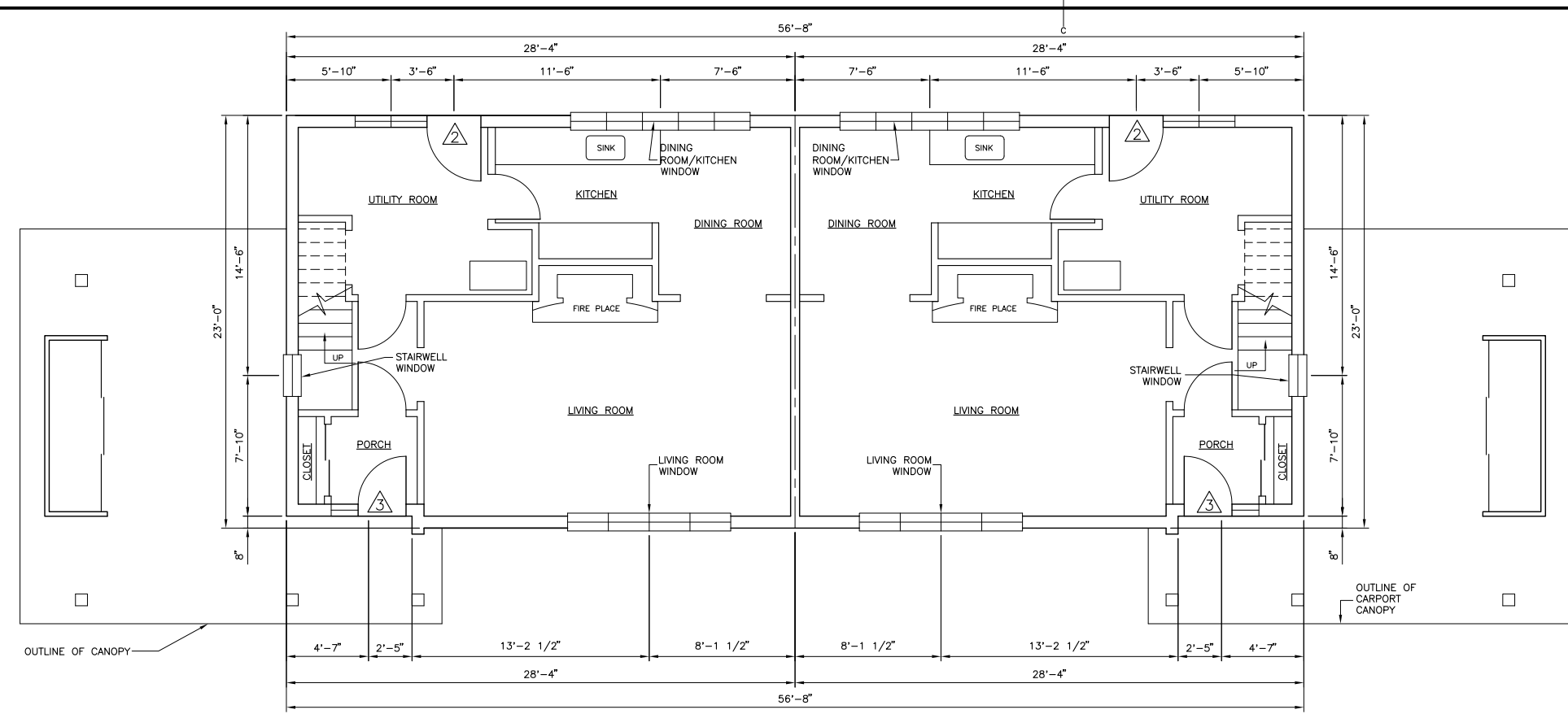


project
TERRA NOVA NATIONAL PARK HOUSING RECAPITALIZATION

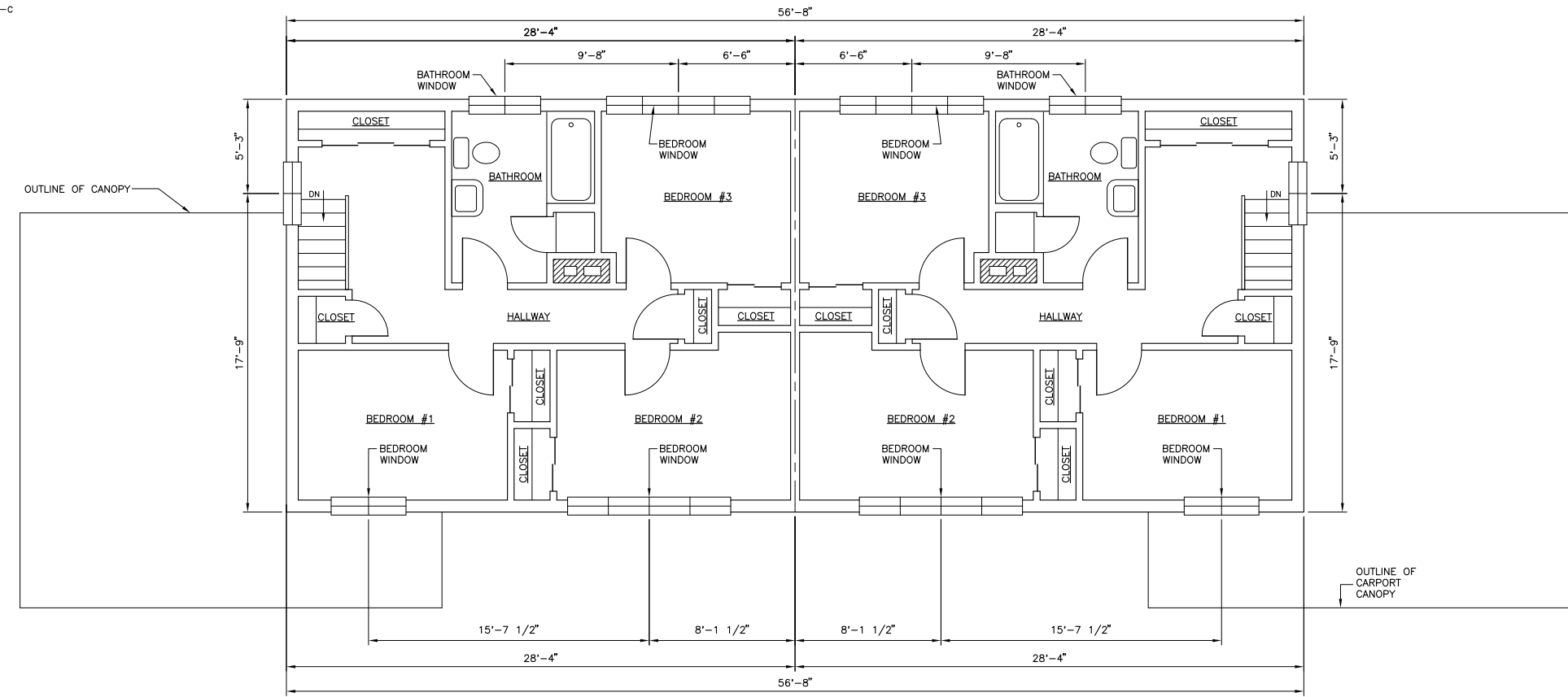
drawing
RENOVATION DETAILS HOUSE #6 AND 7

designed J.S.	conçu
date MARCH 2016	
drawn R.S.	dessiné
date MARCH 2016	
approved	approuvé
date	
Tender	Submission
PWC Project Manager	Administrateur de projets TPC
project number	no. du projet
PRO 000610	
drawing no.	no. du dessin
A-4	

MERIDIAN PROJECT NO. CC15CRE082

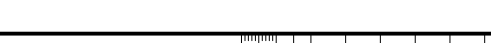


FIRST FLOOR PLAN



SECOND FLOOR PLAN

SCALE: 1/4" = 1'



NOTES

- DO NOT SCALE FROM DRAWINGS.
- ALL DIMENSIONS IN INCHES AND FEET UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL DIMENSIONS ONSITE BEFORE PROCEEDING WITH ANY PORTION OF THE WORK.
- DETAILS OF THE EXISTING STRUCTURE ARE SHOWN FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL VISIT SITE AND REVIEW AND VERIFY THE EXTENT OF THE WORK SPECIFIED WITHIN THE CONTRACT DOCUMENTS.
- LOCATION OF PARTITION WALLS ARE APPROXIMATE ONLY AS FLOOR PLAN IS BASED ON ORIGINAL CONSTRUCTION. ANY POTENTIAL REVISIONS TO FLOOR PLAN ARE NOT REFLECTED. THEREFORE CONTRACTOR TO VERIFY ROOM DIMENSIONS.

LEGEND:

△ DOOR TYPE, SEE DOOR SCHEDULE ON SHEET A9

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

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
 This Permit Allows
Meridian Engineering Inc.
 To practice Professional Engineering in Newfoundland and Labrador.
 Permit No. as issued by PEG 20453 which is valid for the year 2016.



revisions	date
2	ISSUED FOR TENDER 16/03/24
1	ISSUED FOR 100% REVIEW 16/03/07
0	ISSUED FOR REVIEW 16/01/28

A	A detail no. no. du detail	A
B	B location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C


TERRA NOVA NATIONAL PARK
 PARK HOUSING
 RECAPITALIZATION

EXISTING FLOOR PLANS
 HOUSE #8 AND 9

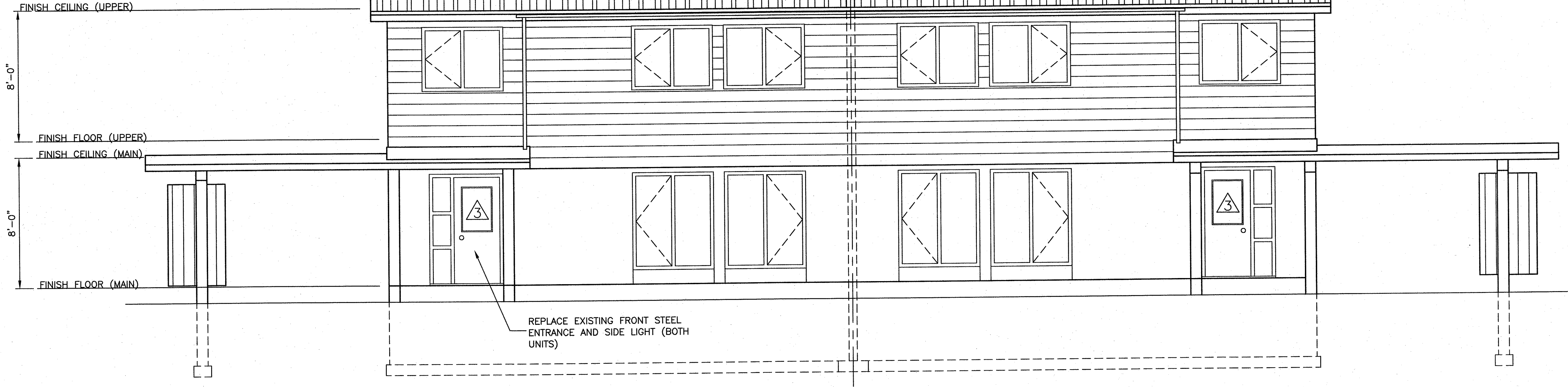
designed J.S.	conçu
date MARCH 2016	
drawn R.S.	dessiné
date MARCH 2016	
approved	approuvé
date	
Tender	Soumission
PWC Project Manager	Administrateur de projets TPC
project number	no. du projet
PRO 000610	
drawing no.	no. du dessin
A-5	

MERIDIAN PROJECT NO. CC15CRE082

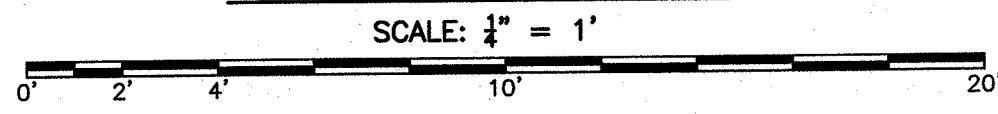
UNIT #1 UNIT #2

LEGEND:
 DOOR TYPE, SEE DOOR SCHEDULE ON SHEET A9

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

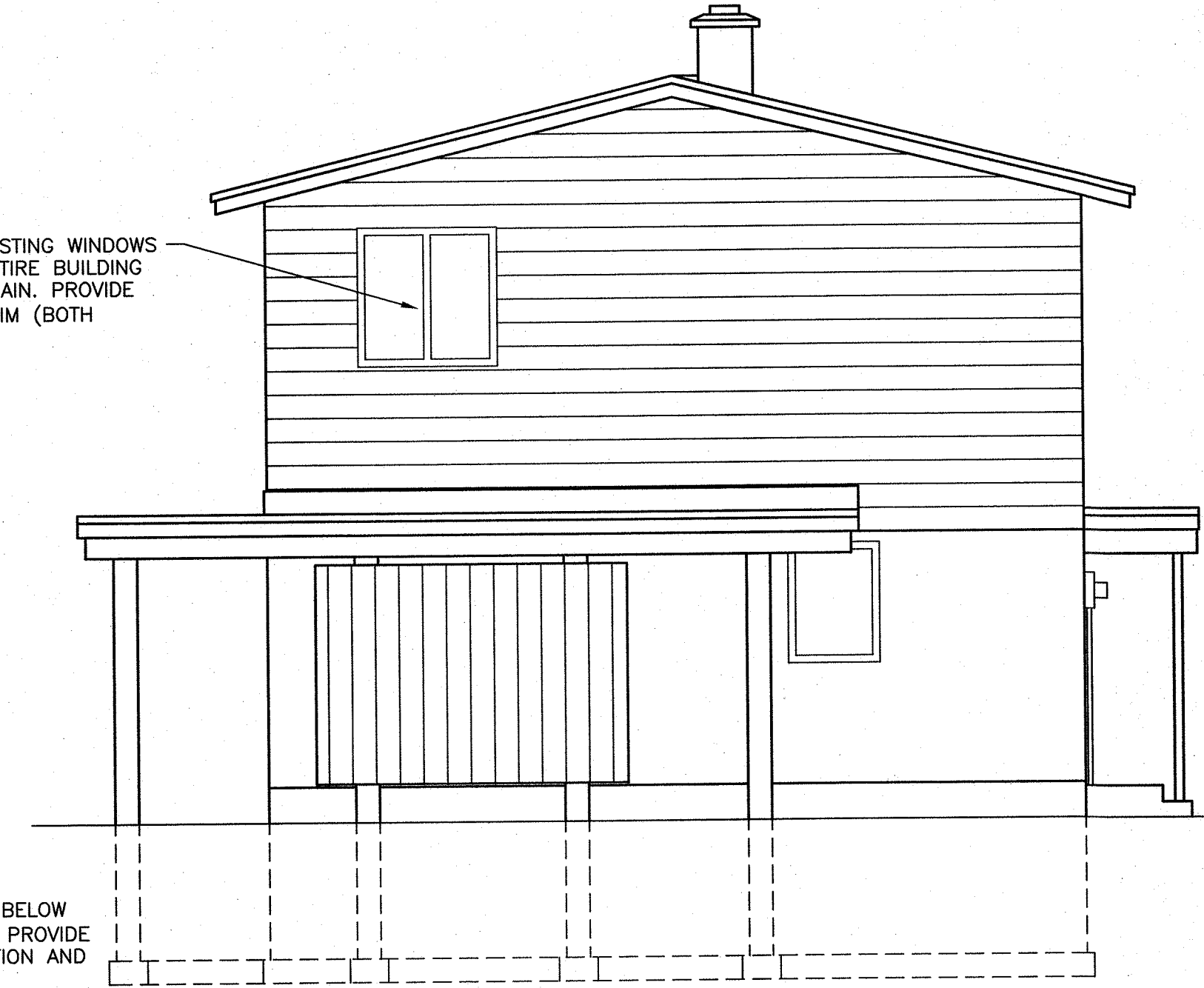


FRONT ELEVATION

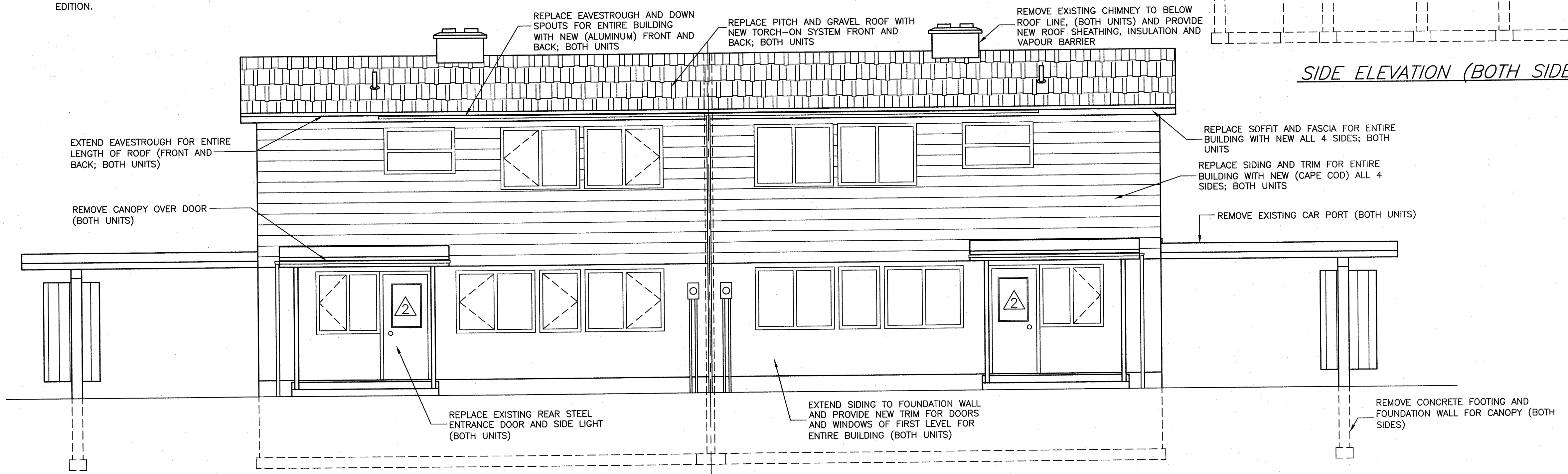


NOTES

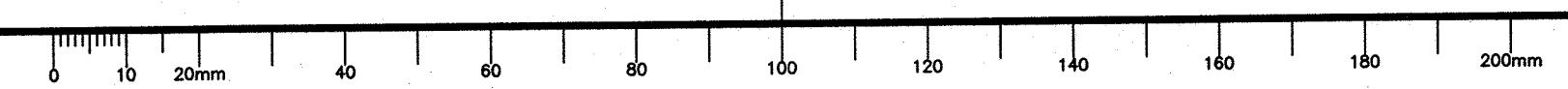
1. DO NOT SCALE FROM DRAWINGS.
2. ALL DIMENSIONS IN INCHES AND FEET UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL DIMENSIONS ONSITE BEFORE PROCEEDING WITH ANY PORTION OF THE WORK.
3. DETAILS OF THE EXISTING STRUCTURE ARE SHOWN FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL VISIT SITE AND REVIEW AND VERIFY THE EXTENT OF THE WORK SPECIFIED WITHIN THE CONTRACT DOCUMENTS.
4. CONTRACTOR TO MAKE ADEQUATE PROVISIONS FOR CONSTRUCTION STRESSES, WEATHER PROTECTION AND FOR TEMPORARY BRACING AND SHORING TO KEEP THE STRUCTURE PLUMB AND LEVEL DURING ALL PHASES OF WORK.
5. EXISTING BUILDING COMPONENTS TO BE REMOVED AND REPLACED AS INDICATED ON THE DRAWINGS.
6. COORDINATE WITH OWNER TEMPORARY RELOCATION OF MATERIALS AND EQUIPMENT LOCATED INSIDE STRUCTURE. CONTRACTOR TO REMOVE/RELOCATE BUILDING CONTENTS AS DIRECTED BY OWNER'S REPRESENTATIVE.
7. ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA, LATEST EDITION, AND CSA 086.1, LATEST EDITION.
8. PROVIDE ALL NECESSARY TRIM AND FINISH FOR ALL DOORS, WINDOW OPENINGS, PATCH WORK, ETC.
9. INSTALL NEW EXTERIOR VENTS AS REQUIRED BY MECHANICAL SYSTEMS. COORDINATE THIS WORK WITH INSTALLATION OF NEW SIDING.
10. CONTRACTOR TO VERIFY DIMENSIONS OF WINDOWS AND DOORS DEEMED FOR REPLACEMENT PRIOR TO FINALIZING ORDER WITH SUPPLIER. DIMENSIONS SHOWN AND REFERENCED IN DOOR SCHEDULE ARE APPROXIMATE ONLY, AND NOT TO BE TAKEN AS FINAL.
11. IF DURING REMOVAL OF SIDING, WINDOWS, SHINGLES, OR ANY OTHER BUILDING COMPONENT RESULTS IN DISCOVERY OF ROT, CONTRACTOR TO CONTACT OWNER'S REPRESENTATIVE TO DETERMINE IF SHEATHING SHALL BE REPLACED PRIOR TO COVERING UP.



SIDE ELEVATION (BOTH SIDES)



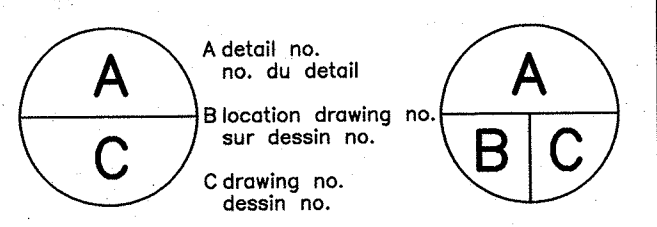
REAR ELEVATION



PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
 This Permit Allows
Meridian Engineering Inc.
 To practice Professional Engineering in Newfoundland and Labrador.
 Permit No. as issued by PEG_N0458 which is valid for the year 2016.



revisions		date
2	ISSUED FOR TENDER	16/03/24
1	ISSUED FOR 100% REVIEW	16/03/07
0	ISSUED FOR REVIEW	16/01/26



project project

TERRA NOVA NATIONAL PARK HOUSING RECAPITALIZATION

drawing dessin

RENOVATION DETAILS HOUSE #8 AND 9

designed J.S.	conçu
date MARCH 2016	
drawn R.S.	dessiné
date MARCH 2016	
approved	approuvé
date	
Tender	Soumission
PWC Project Manager	Administrateur de projets TPC
project number	no. du projet
PRO 000610	
drawing no.	no. du dessin
A-6	

MERIDIAN PROJECT NO. CC15CRE082

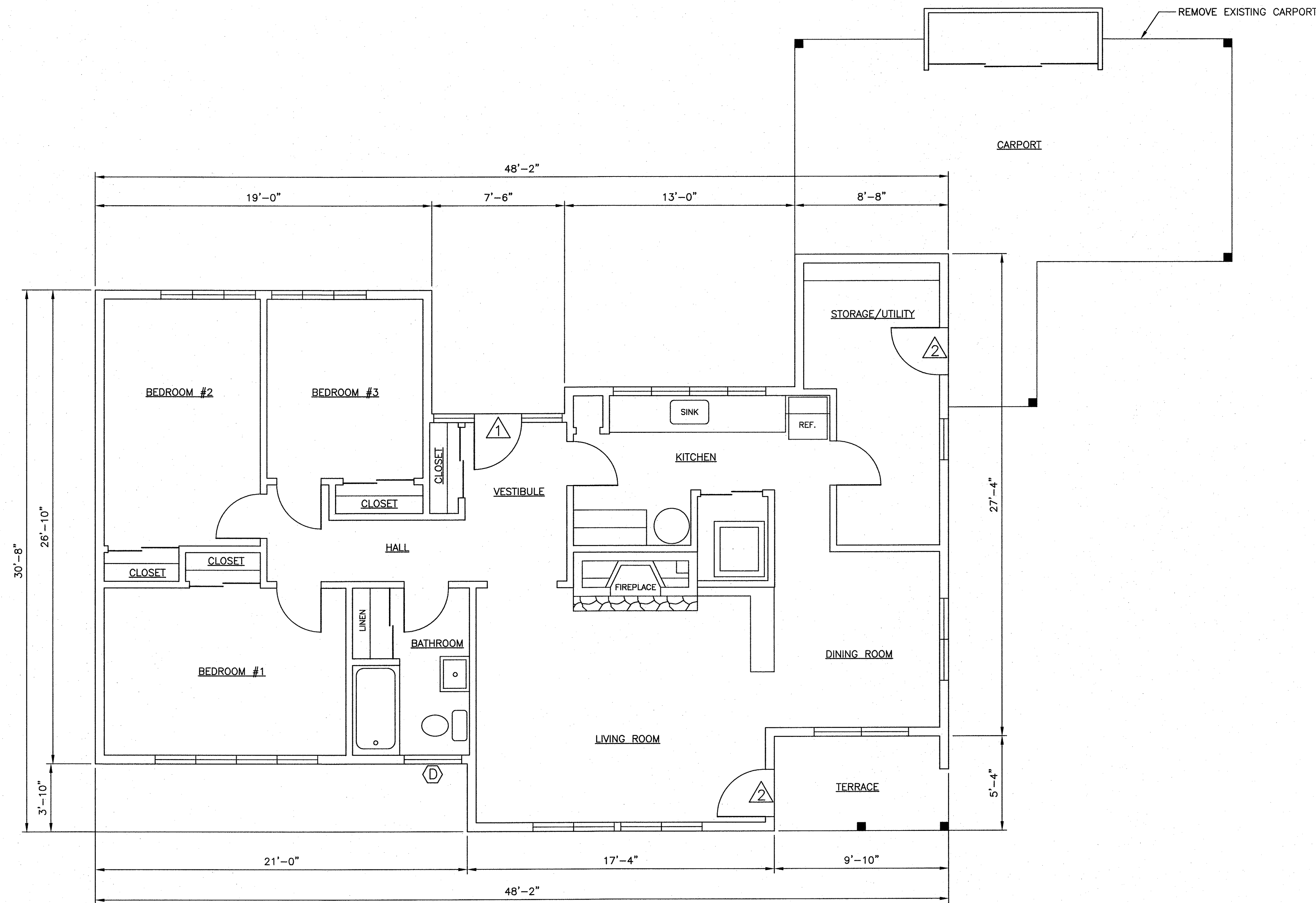
TDIS Document No. Not in System

NOTES

- DO NOT SCALE FROM DRAWINGS.
- ALL DIMENSIONS IN INCHES AND FEET UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL DIMENSIONS ONSITE BEFORE PROCEEDING WITH ANY PORTION OF THE WORK.
- DETAILS OF THE EXISTING STRUCTURE ARE SHOWN FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL VISIT SITE AND REVIEW AND VERIFY THE EXTENT OF THE WORK SPECIFIED WITHIN THE CONTRACT DOCUMENTS.
- LOCATION OF PARTITION WALLS ARE APPROXIMATE ONLY AS FLOOR PLAN IS BASED ON ORIGINAL CONSTRUCTION. ANY POTENTIAL REVISIONS TO FLOOR PLAN ARE NOT REFLECTED, THEREFORE CONTRACTOR TO VERIFY ROOM DIMENSIONS.

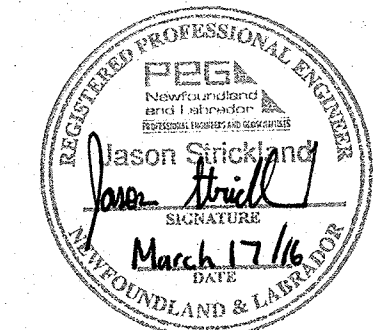
LEGEND:

- DOOR TYPE, SEE DOOR SCHEDULE ON SHEET A9
- WINDOW TYPE, SEE WINDOW SCHEDULE ON SHEET A9



FIRST FLOOR PLAN

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG PERMIT HOLDER
 This Permit Allows
Meridian Engineering Inc.
 To practice Professional Engineering in Newfoundland and Labrador.
 Permit No. as issued by PEG N0453
 which is valid for the year 2016.



revisions	date
2	ISSUED FOR TENDER 16/03/24
1	ISSUED FOR 100% REVIEW 16/03/07
0	ISSUED FOR REVIEW 16/01/26

	A detail no. / no. du detail	
	B location drawing no. / sur dessin no.	
	C drawing no. / dessin no.	

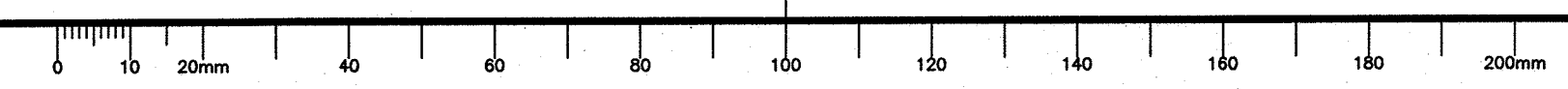
project _____ projet _____

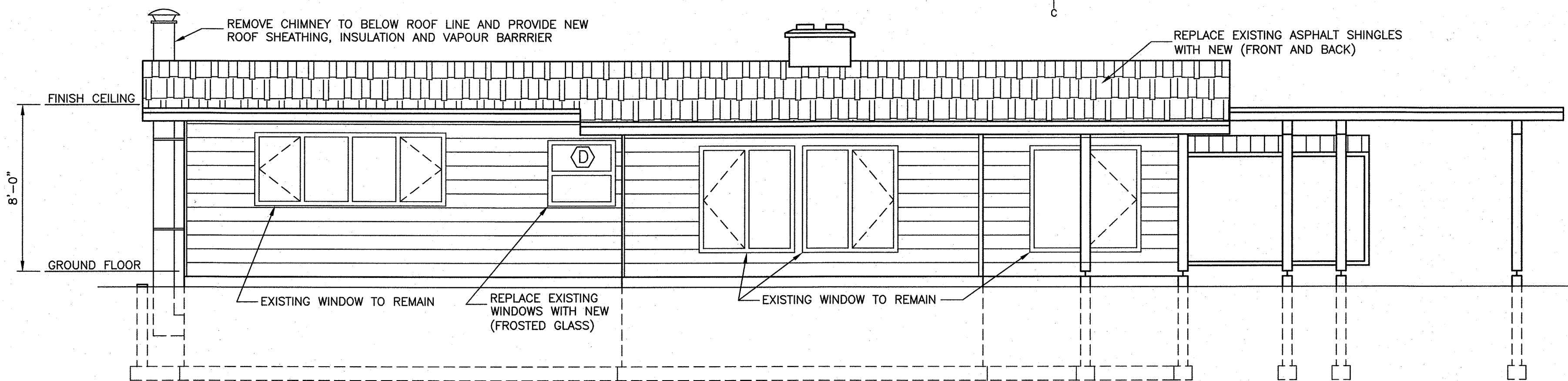
**TERRA NOVA NATIONAL PARK
 PARK HOUSING
 RECAPITALIZATION**

drawing _____ dessin _____

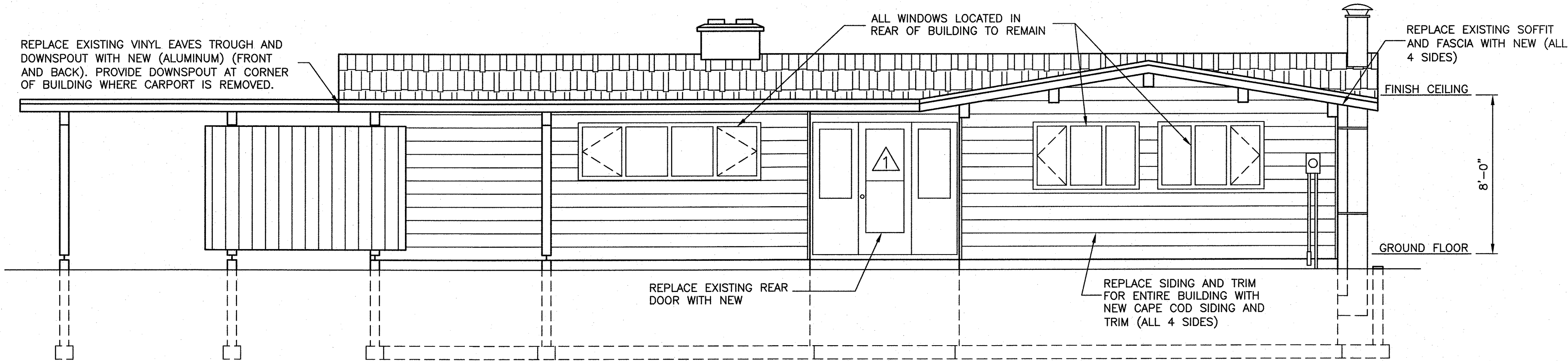
**EXISTING FLOOR PLAN
 HOUSE #10**

designed / J.S.	conçu
date / MARCH 2016	
drawn / R.S.	dessiné
date / MARCH 2016	
approved	approuvé
date	
Tender	Soumission
PWC Project Manager	Administrateur de projets TPC
project number	no. du projet
PRO 000610	
drawing no.	no. du dessin
A-7	

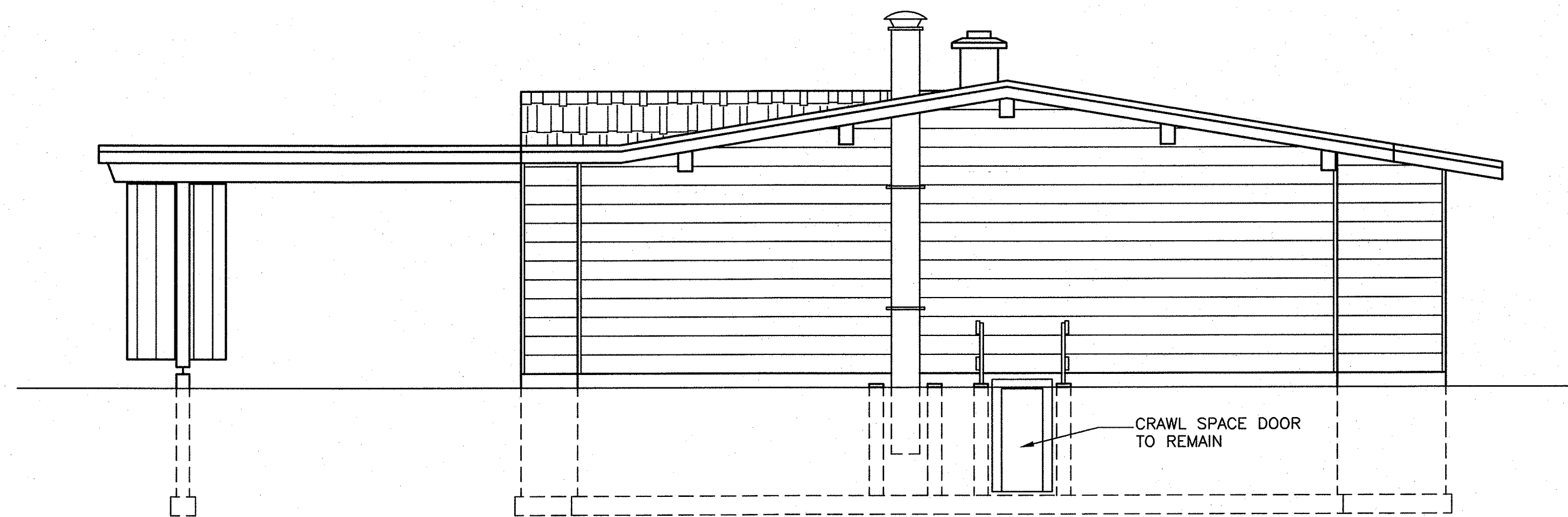




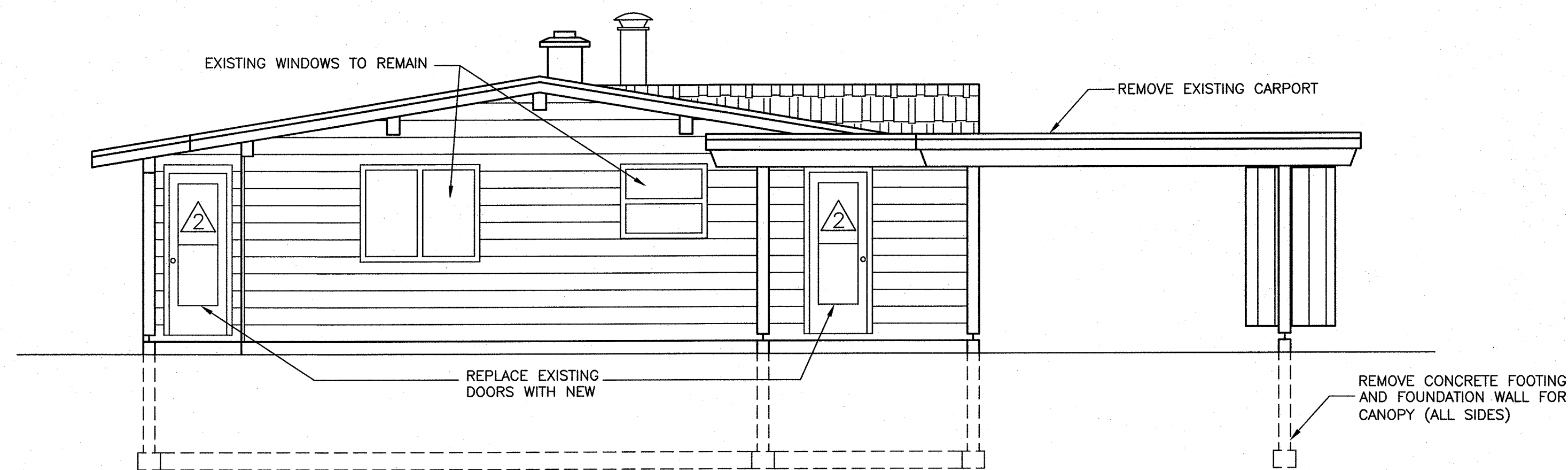
EXISTING FRONT ELEVATION



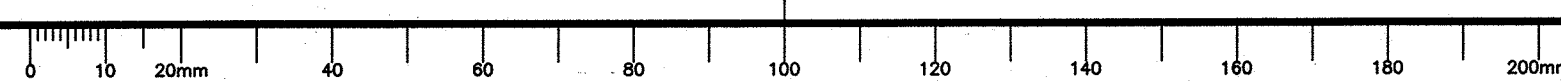
EXISTING REAR ELEVATION



EXISTING LEFT SIDE ELEVATION



EXISTING RIGHT SIDE ELEVATION



NOTES

- DO NOT SCALE FROM DRAWINGS.
- ALL DIMENSIONS IN INCHES AND FEET UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL DIMENSIONS ONSITE BEFORE PROCEEDING WITH ANY PORTION OF THE WORK.
- DETAILS OF THE EXISTING STRUCTURE ARE SHOWN FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL VISIT SITE AND REVIEW AND VERIFY THE EXTENT OF THE WORK SPECIFIED WITHIN THE CONTRACT DOCUMENTS.
- CONTRACTOR TO MAKE ADEQUATE PROVISIONS FOR CONSTRUCTION STRESSES, WEATHER PROTECTION AND FOR TEMPORARY BRACING AND SHORING TO KEEP THE STRUCTURE PLUMB AND LEVEL DURING ALL PHASES OF WORK.
- EXISTING BUILDING COMPONENTS TO BE REMOVED AND REPLACED AS INDICATED ON THE DRAWINGS.
- COORDINATE WITH OWNER TEMPORARY RELOCATION OF MATERIALS AND EQUIPMENT LOCATED INSIDE STRUCTURE. CONTRACTOR TO REMOVE/RELOCATE BUILDING CONTENTS AS DIRECTED BY OWNER'S REPRESENTATIVE.
- ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA, LATEST EDITION, AND CSA 086.1, LATEST EDITION.
- PROVIDE ALL NECESSARY TRIM AND FINISH FOR ALL DOORS, WINDOW OPENINGS, PATCH WORK, ETC.
- INSTALL NEW EXTERIOR VENTS AS REQUIRED BY MECHANICAL SYSTEMS. COORDINATE THIS WORK WITH INSTALLATION OF NEW SIDING.
- CONTRACTOR TO VERIFY DIMENSIONS OF WINDOWS AND DOORS DEEMED FOR REPLACEMENT PRIOR TO FINALIZING ORDER WITH SUPPLIER. DIMENSIONS SHOWN AND REFERENCED IN DOOR SCHEDULE ARE APPROXIMATE ONLY, AND NOT TO BE TAKEN AS FINAL.
- IF DURING REMOVAL OF SIDING, WINDOWS, SHINGLES, OR ANY OTHER BUILDING COMPONENT RESULTS IN DISCOVERY OF ROT, CONTRACTOR TO CONTACT OWNER'S REPRESENTATIVE TO DETERMINE IF SHEATHING SHALL BE REPLACED PRIOR TO COVERING UP.

LEGEND:

- DOOR TYPE, SEE DOOR SCHEDULE ON SHEET A9
- WINDOW TYPE, SEE WINDOW SCHEDULE ON SHEET A9

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

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEG PERMIT HOLDER
 This Permit Allows
Meridian Engineering Inc.
 To practice Professional Engineering in Newfoundland and Labrador.
 Permit No. as issued by PEG N0463
 which is valid for the year 2016.



revisions		date
2	ISSUED FOR TENDER	16/03/24
1	ISSUED FOR 100% REVIEW	16/03/07
0	ISSUED FOR REVIEW	16/01/26

A detail no. / no. du detail
 B location drawing no. / sur dessin no.
 C drawing no. / dessin no.

project / projet

TERRA NOVA NATIONAL PARK
 PARK HOUSING
 RECAPITALIZATION

drawing / dessin

RENOVATION DETAILS
 HOUSE #10

designed J.S. / conçu

date MARCH 2016

drawn R.S. / dessiné

date MARCH 2016

approved / approuvé

date

Tender / Soumission

PWC Project Manager / Administrateur de projets TPC

project number / no. du projet

PRO 000610

drawing no. / no. du dessin

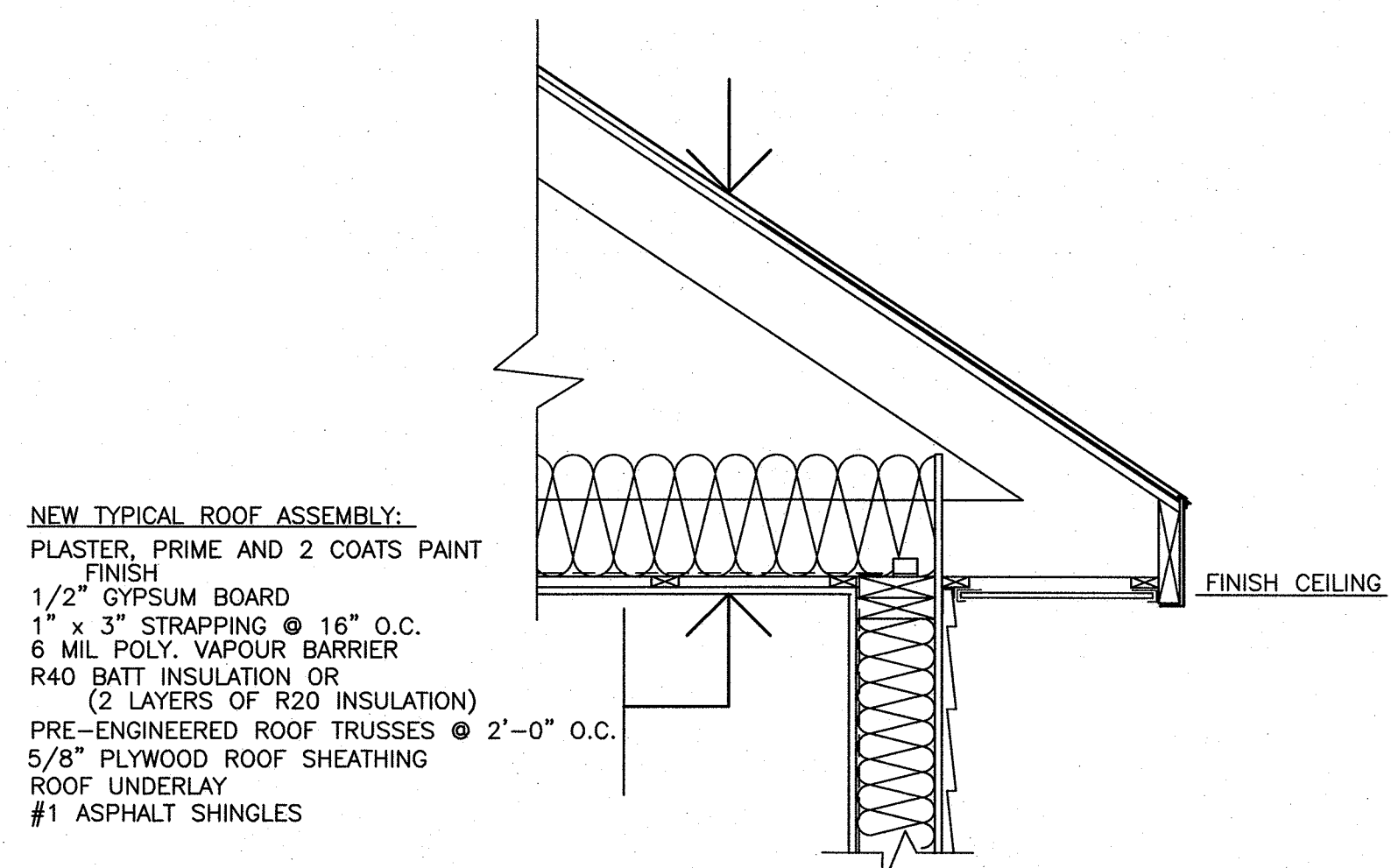
A-8

MERIDIAN PROJECT NO. CC15CRE082

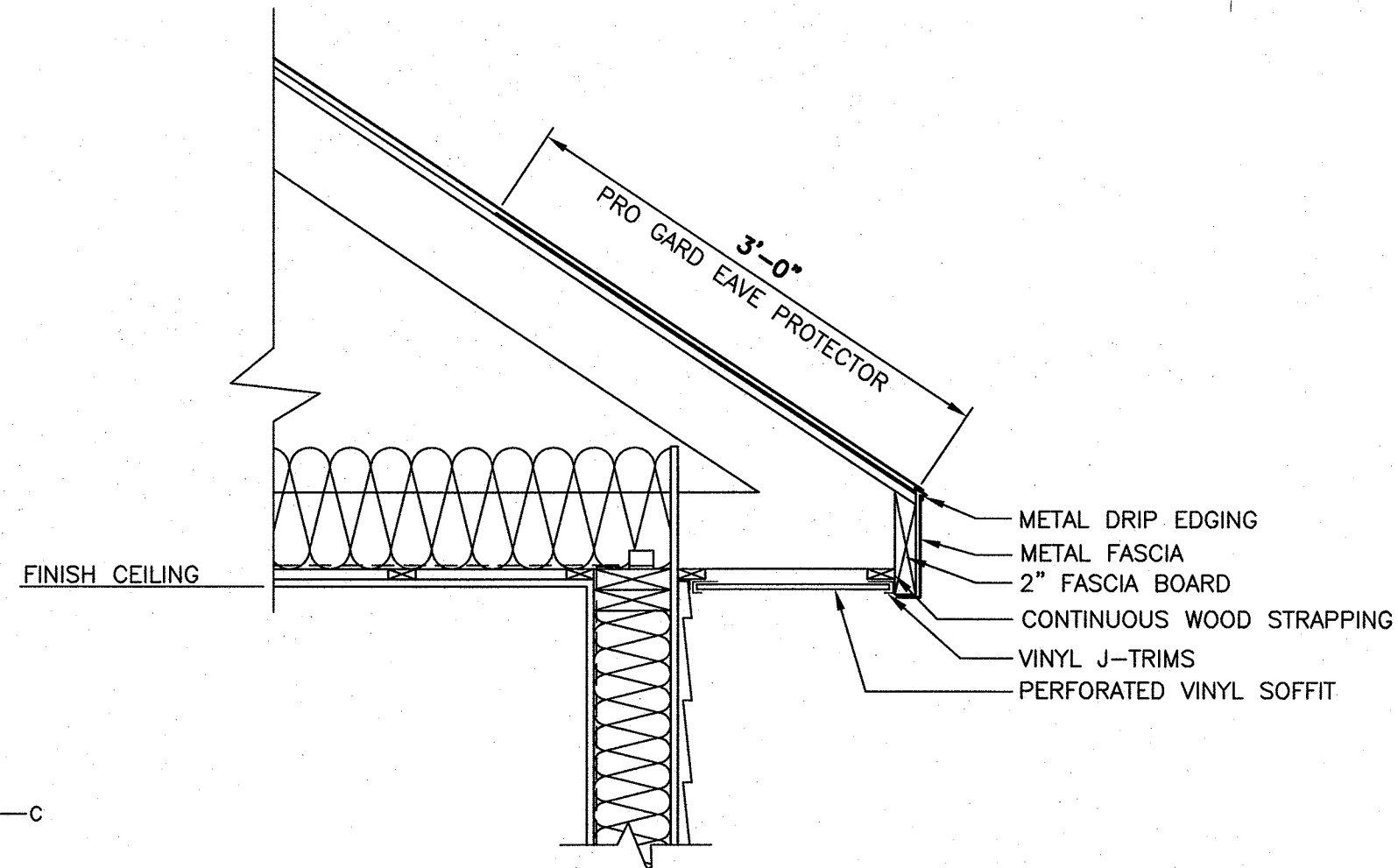
Plot Scale

PWGSC A1

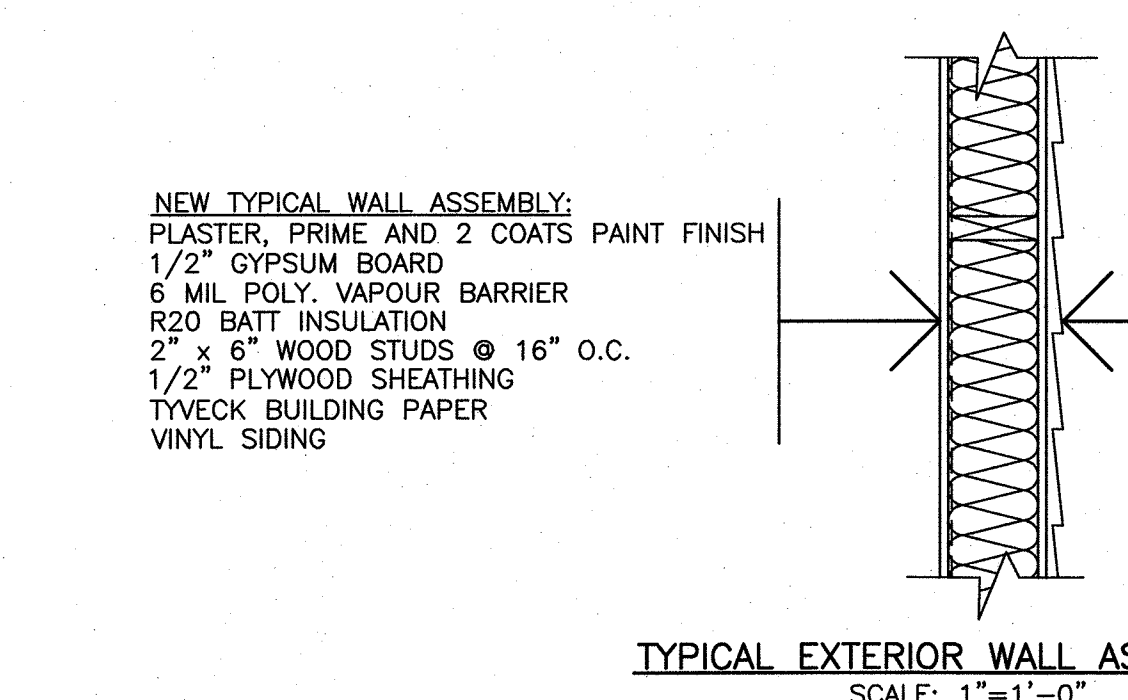
TIDS Document No. Not in System



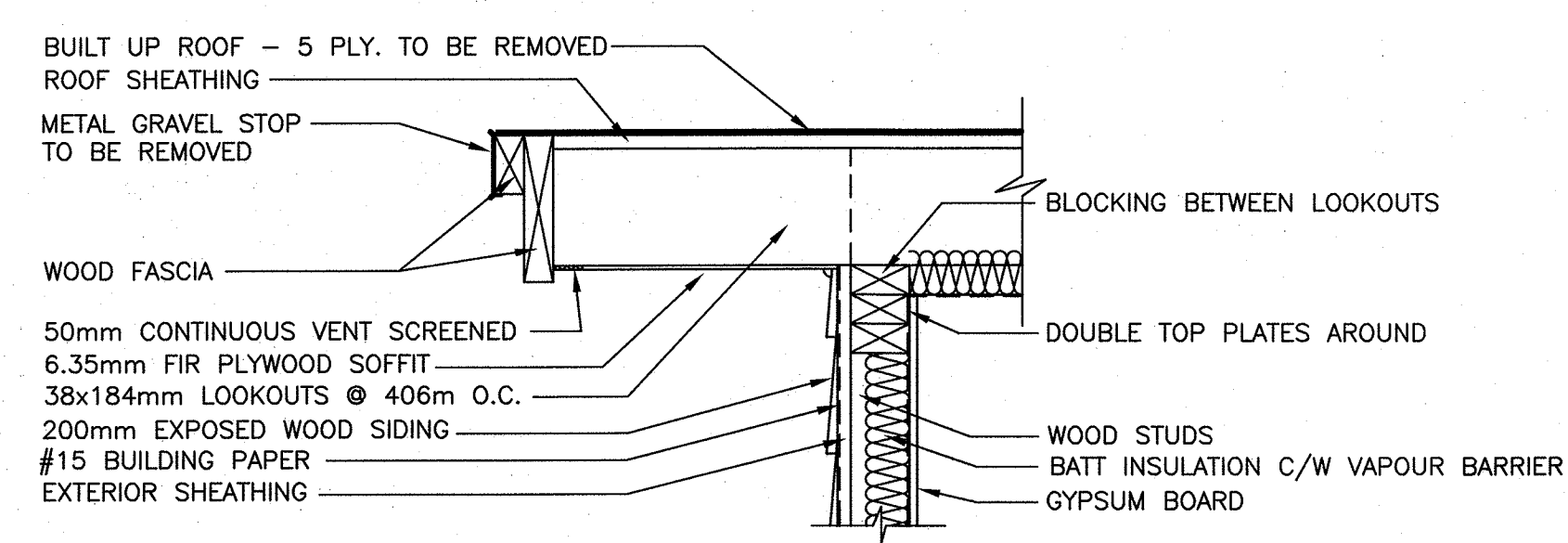
TYPICAL NEW ROOF ASSEMBLY FOR UNIT #5
SCALE: 1"=1'-0"



TYPICAL NEW EAVE DETAIL FOR UNIT #5
SCALE: 1"=1'-0"



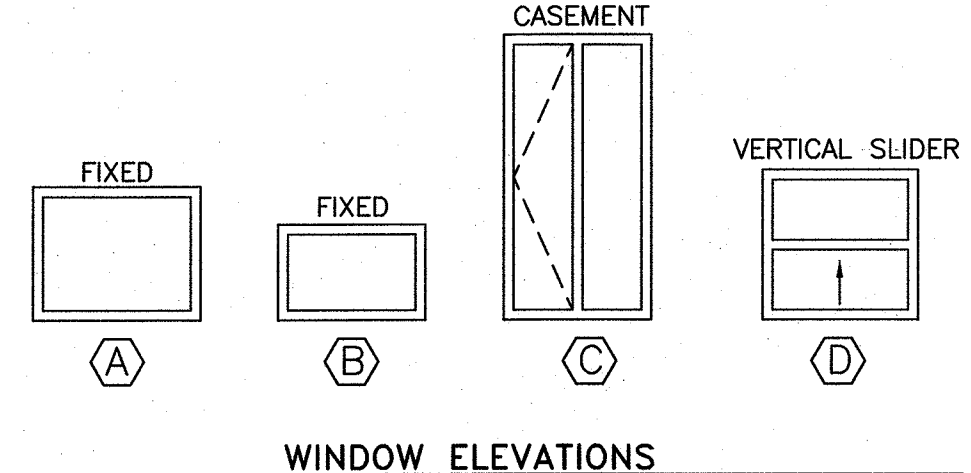
TYPICAL EXTERIOR WALL ASSEMBLY
SCALE: 1"=1'-0"



TYPICAL EXISTING EAVE DETAIL FOR UNITS #6 - #10
SCALE: 1"=1'-0"

WINDOW SCHEDULE					
WINDOW No.	QTY	SIZE	FINISH	TYPE	REMARKS
A	1	SIZE TO MATCH EXISTING	WHITE	A	REMOVE EXISTING
B	1	SIZE TO MATCH EXISTING	WHITE	B	REMOVE EXISTING
C	2	SIZE TO MATCH EXISTING	WHITE	C	REMOVE EXISTING
D	1	SIZE TO MATCH EXISTING	WHITE	D	REMOVE EXISTING; NEW TO BE FROSTED GLASS

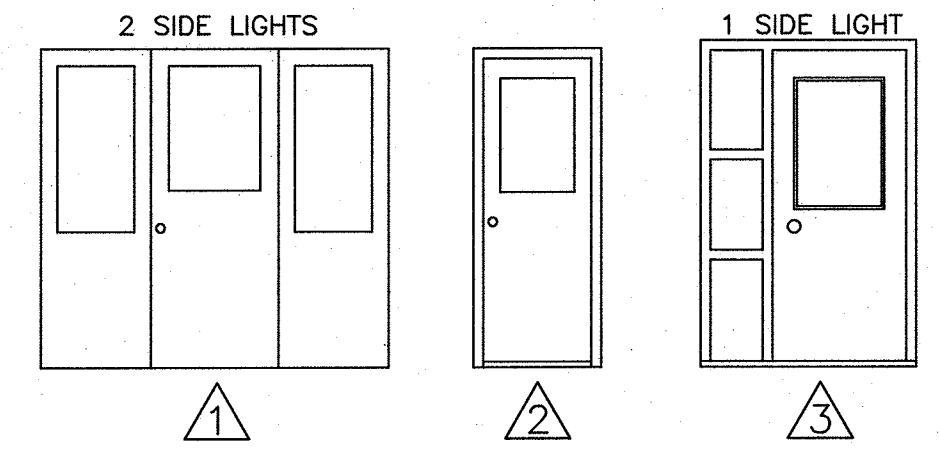
TYPE A: FIXED WINDOW TYPE C: CASEMENT WINDOW
TYPE B: FIXED WINDOW TYPE D: SLIDING WINDOW



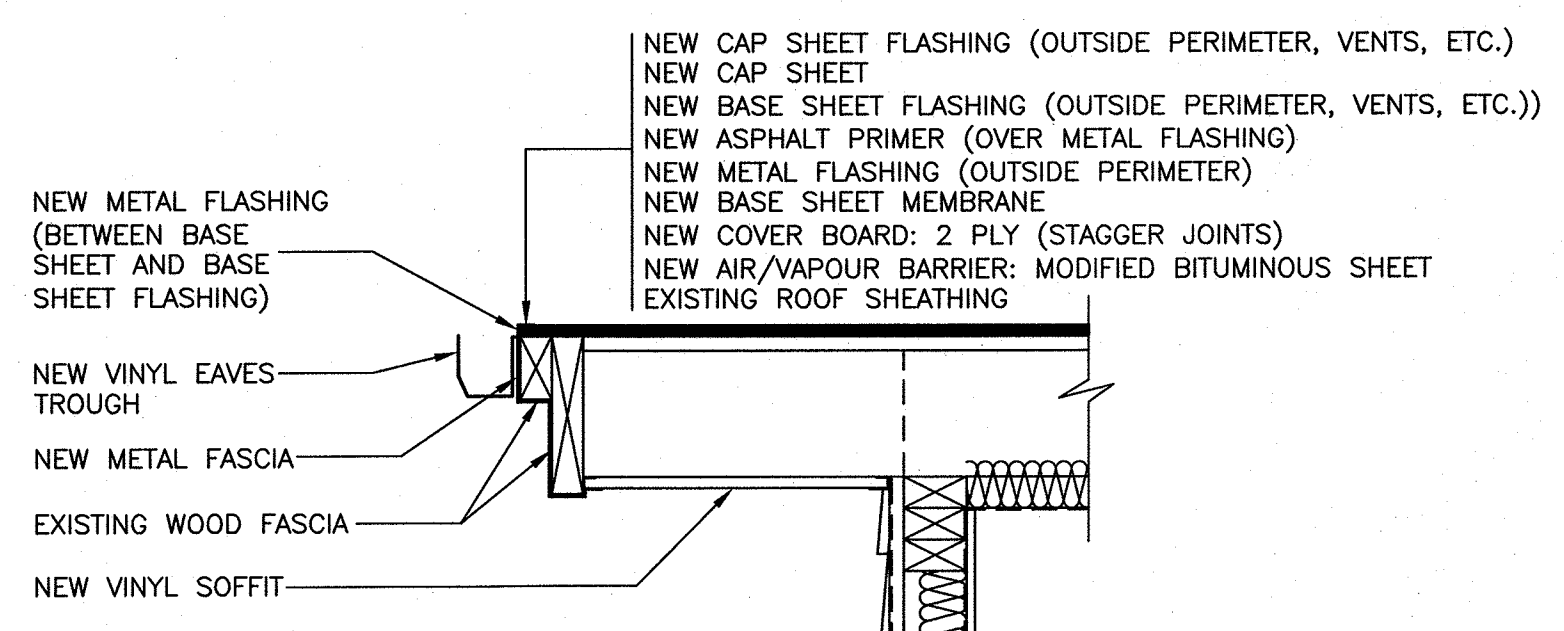
WINDOW ELEVATIONS

DOOR SCHEDULE					
DOOR No.	SIZE	MATERIAL	FINISH	FRAME	REMARKS
1	MATCH TO FIT EXISTING	STEEL	PRE-FINISH	PSF	INSULATED STEEL DOOR C/W 2 SIDE LIGHTS
2	MATCH TO FIT EXISTING	STEEL	PRE-FINISH	PSF	INSULATED STEEL DOOR C/W HALF GLASS
3	MATCH TO FIT EXISTING	STEEL	PRE-FINISH	PSF	INSULATED STEEL DOOR C/W 1 SIDE LIGHTS

- NOTES:
- SEE NOTE 7 IN TITLE BLOCK.
 - FOR R.S.O. CHECK WITH MANUFACTURER'S RECOMMENDATIONS.
 - EXTERIOR DOOR HARDWARE:
 - A. KNOB STYLE CYLINDRICAL MECHANICAL LOCK
 - B. DEADBOLT
 - C. 3 HINGES
 - D. DOOR STOP
 - E. WEATHERSTRIPPING
 - F. THRESHOLD



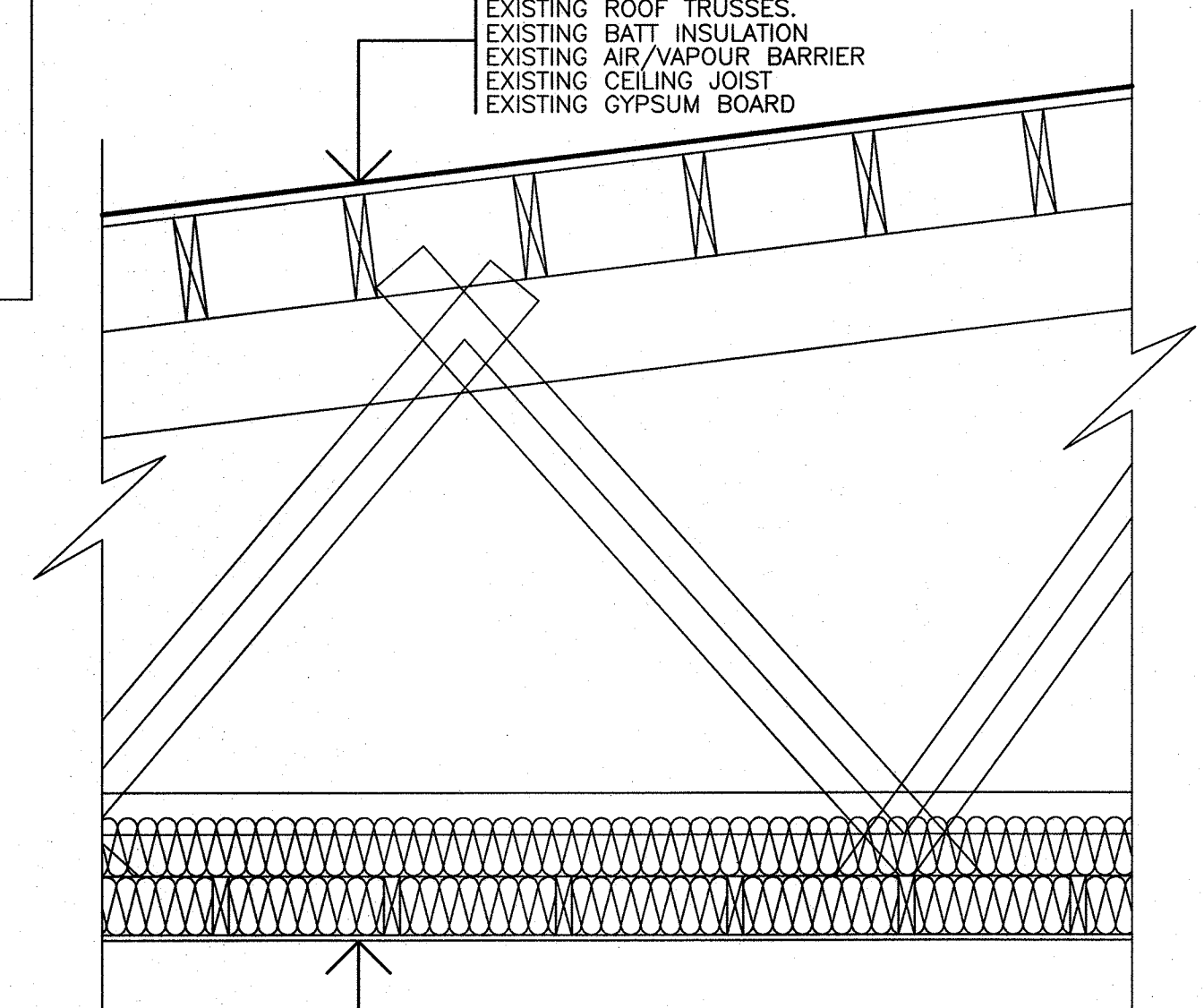
TYPICAL NEW EAVE DETAIL FOR UNITS #6 - #10
SCALE: 1"=1'-0"



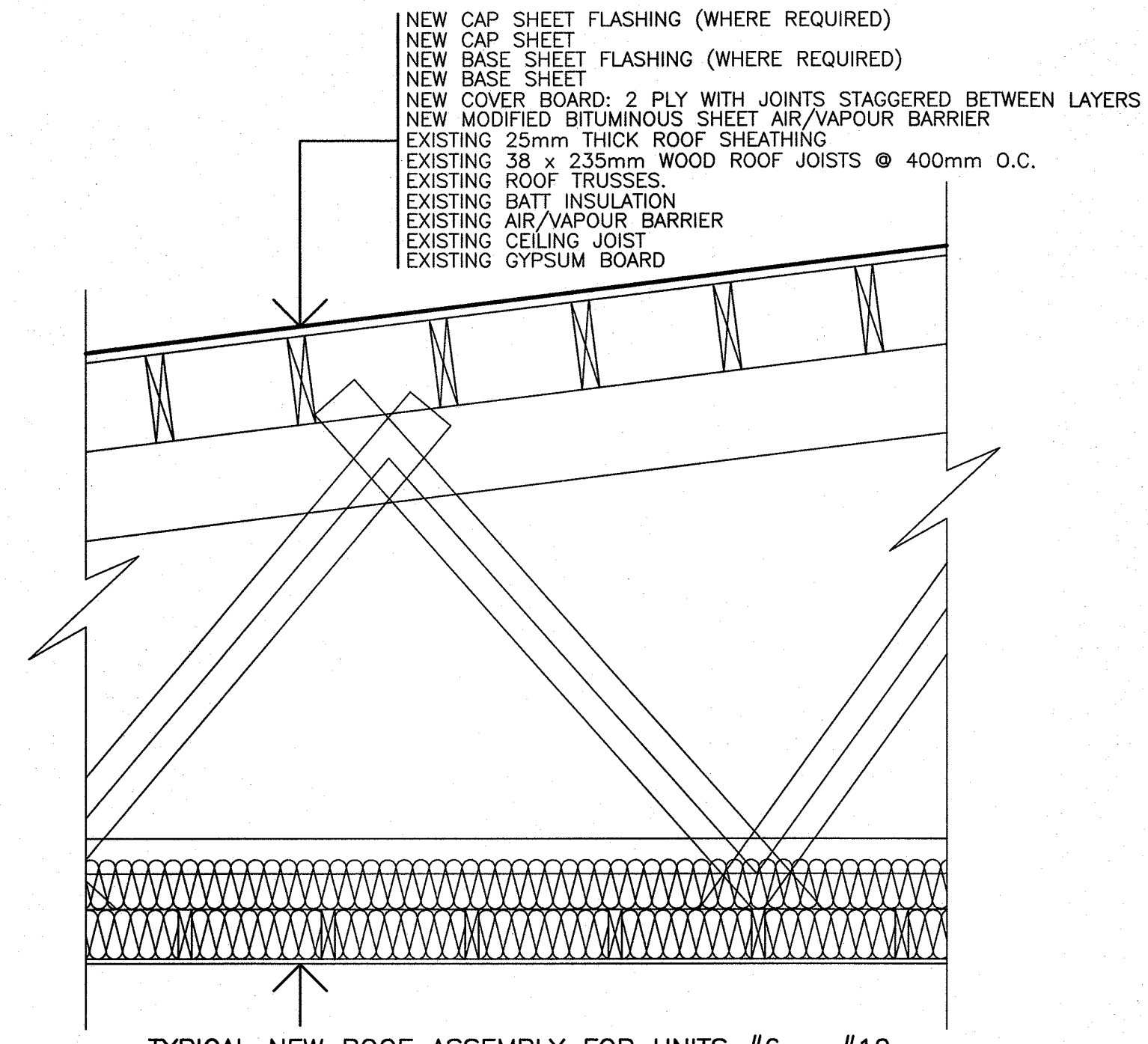
NOTES

- DO NOT SCALE FROM DRAWINGS.
- ALL DIMENSIONS IN INCHES AND FEET UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY ALL DIMENSIONS ONSITE BEFORE PROCEEDING WITH ANY PORTION OF THE WORK.
- DETAILS OF THE EXISTING STRUCTURE ARE SHOWN FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL VISIT SITE AND REVIEW AND VERIFY THE EXTENT OF THE WORK SPECIFIED WITHIN THE CONTRACT DOCUMENTS.
- CONTRACTOR TO MAKE ADEQUATE PROVISIONS FOR CONSTRUCTION STRESSES, WEATHER PROTECTION AND FOR TEMPORARY BRACING AND SHORING TO KEEP THE STRUCTURE PLUMB AND LEVEL DURING ALL PHASES OF WORK.
- ALL MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA, LATEST EDITION, AND CSA 086.1, LATEST EDITION.
- PROVIDE ALL NECESSARY TRIM AND FINISH FOR ALL DOORS, WINDOW OPENINGS, PATCH WORK, ETC.
- SIZE OF NEW DOORS AND WINDOWS SHALL BE SAME AS EXISTING. IF SOME SIZES ARE UNAVAILABLE, CONTRACTOR WILL BE PERMITTED, AT NO EXTRA COST, TO MODIFY WALL STUDS AND FRAMING TO ACCOMMODATE NEW DOOR OR WINDOW. ONLY INCREASE IN SIZES SHALL BE PERMITTED.
- CONTRACTOR TO VERIFY DIMENSIONS OF WINDOWS AND DOORS DEEMED FOR REPLACEMENT PRIOR TO FINALIZING ORDER WITH SUPPLIER. DIMENSIONS SHOWN AND REFERENCED IN DOOR SCHEDULE ARE APPROXIMATE ONLY, AND NOT TO BE TAKEN AS FINAL.
- TAR AND GRAVEL ROOF TO BE REMOVED TO WOOD DECKING, WITH NEW ROOF SYSTEM COMPONENTS INSTALLED OVER EXISTING WOODEN DECK.

EXISTING BUILT-UP ROOFING MEMBRANES
EXISTING 25mm THICK ROOF SHEATHING
EXISTING 38 x 235mm WOOD ROOF JOISTS @ 400mm O.C.
EXISTING ROOF TRUSSES
EXISTING BATT INSULATION
EXISTING AIR/VAPOUR BARRIER
EXISTING CEILING JOIST
EXISTING GYPSUM BOARD



TYPICAL EXISTING ROOF ASSEMBLY FOR UNITS #6 - #10
SCALE: 3/4"=1'-0"

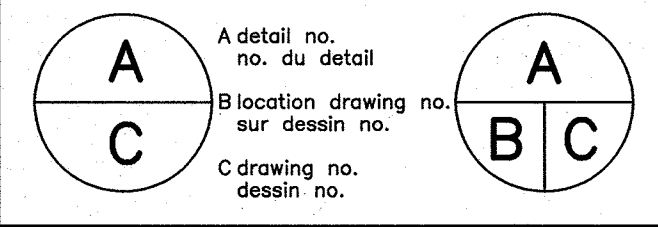


TYPICAL NEW ROOF ASSEMBLY FOR UNITS #6 - #10
SCALE: 3/4"=1'-0"

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
This Permit Allows
Meridian Engineering Inc.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEG NO453 which is valid for the year 2016.

PROFESSIONAL ENGINEER
Jason Briching
March 17/16
NEWFOUNDLAND & LABRADOR

revisions	date
2	ISSUED FOR TENDER 16/03/24
1	ISSUED FOR 100% REVIEW 16/03/07
0	ISSUED FOR REVIEW 16/01/26



project _____ projet _____

TERRA NOVA NATIONAL PARK
PARK HOUSING
RECAPITALIZATION

drawing _____ dessin _____

SECTIONS, DETAILS
AND SCHEDULES

designed U.S. _____ conceu _____
date MARCH 2016
drawn R.S. _____ dessine _____
date MARCH 2016
approved _____ approuve _____
date _____
Tender _____ Soumission _____
PWC Project Manager Administrateur de projets TPC
project number PRO 000610
drawing no. _____ no. du projet _____

MECHANICAL VENTILATION LEGEND:

- VENTILATION**
- NEW DUCTWORK (DIMENSION = mm/mm)
 - ACOUSTIC INSULATED DUCTWORK (DIMENSION = mm/mm)
 - SUPPLY/FRESH AIR DUCTS UP & DOWN
 - RETURN/EXHAUST AIR DUCTS UP & DOWN
 - TYPICAL 90° DUCT ELBOWS; (R/W = 1.0 & w TURNING VANES)
 - MAGNETIC STARTER BY MECH.

DEMOLITION NOTES:

1. DEMOLITION CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE REMOVAL AND DISCARDING OF ALL DEMOLITION WASTE INCLUDING UNFORESEEN ITEMS WITHIN THE SCOPE OF WORK.
2. DEMOLITION CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AFFECTING THE WORK.
3. THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF WORK TO BE PERFORMED. THE EXACT EXTENT OF DEMOLITION SHALL BE REQUIRED BY NEW WORK.
4. DEPARTMENTAL REPRESENTATIVE SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED.

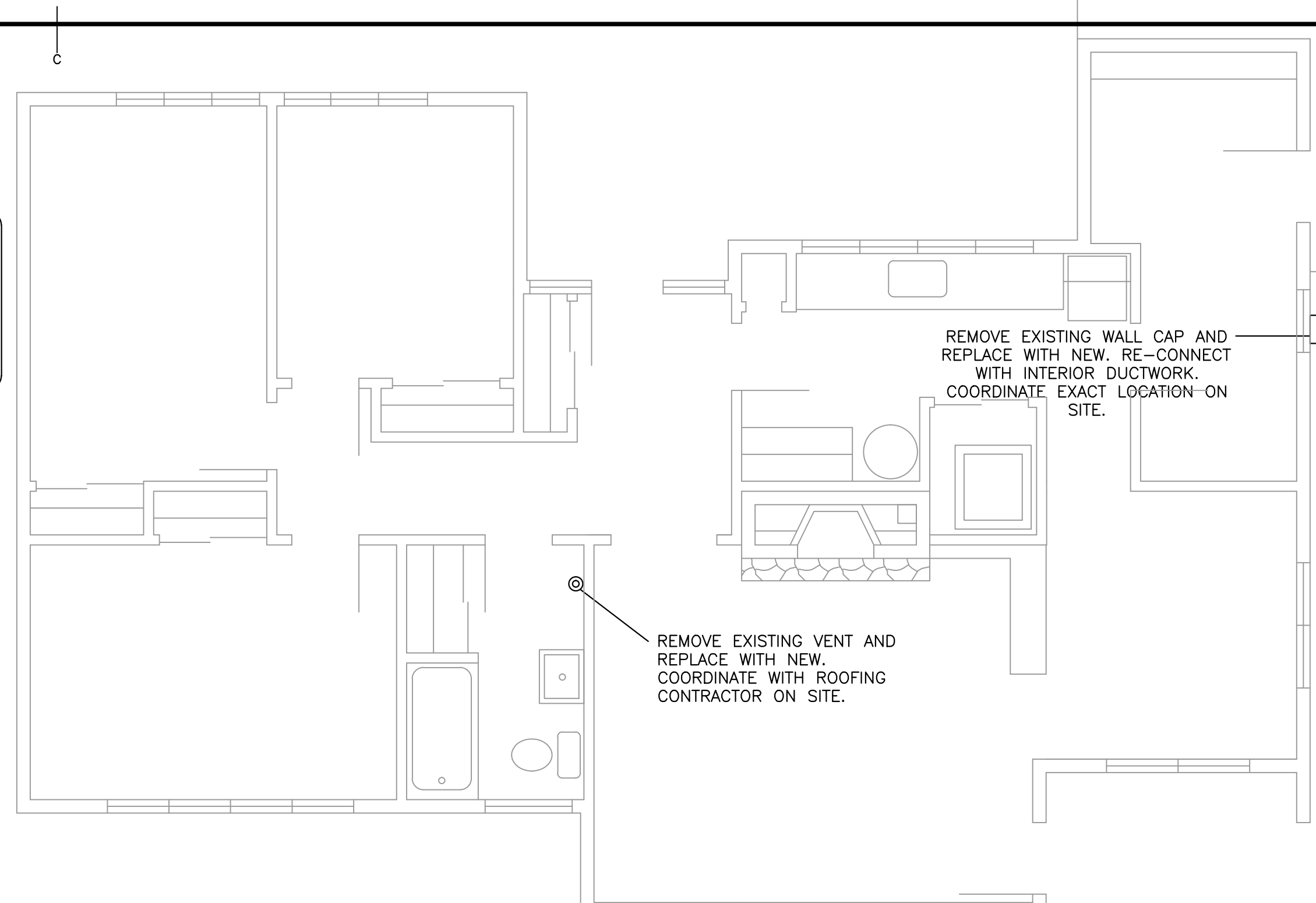
DRAWING NOTES:

- ① FUEL TANK TO BE REMOVED AND DISPOSED OF IN AN ENVIRONMENTALLY FASHION. COMPLETION OF A "DISMANTLING, DECOMMISSIONING OR DESTRUCTION NOTICE" REQUIRED FOR THE FUEL TANK TO BE REMOVED. CLEAN AND DEGREASE AREA OF WORK. MAKE GOOD ANY DAMAGES IN AREA OF WORK.

GENERAL NOTES:

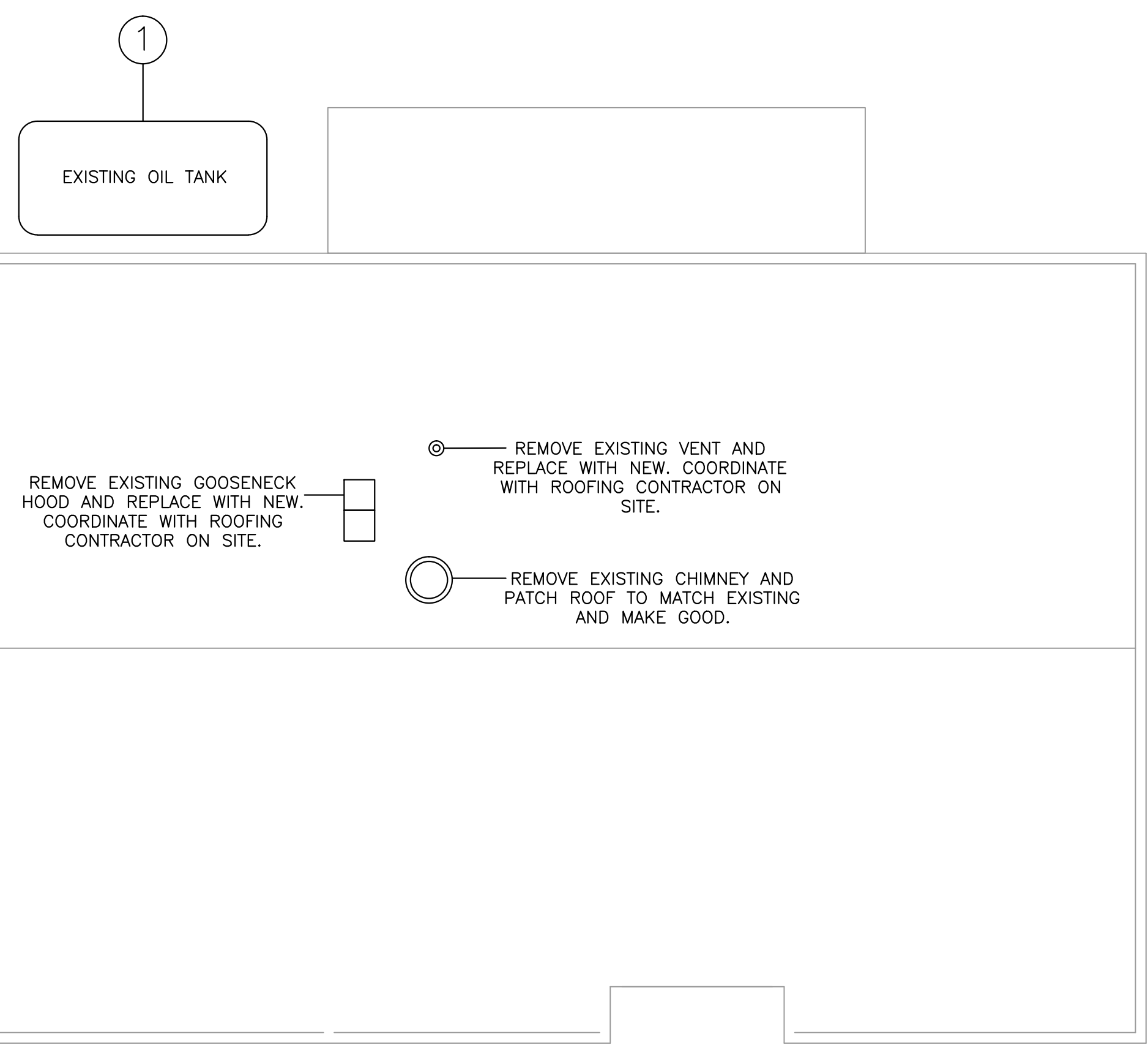
1. ALL WORK TO BE COORDINATED WITH THE DEPARTMENTAL REPRESENTATIVE ON SITE. OBTAIN ALL REQUIRED SECURITY CLEARANCE FOR CARRYING OUT WORK IN BUILDING PRIOR TO COMMENCEMENT OF WORK. ARRANGE FOR DAILY ACCESS AND SUPERVISION AS REQUIRED WITH BUILDING MANAGEMENT.
2. OBTAIN ALL HOT WORK PERMITS FOR CUTTING INTO EXISTING DUCTWORK AS REQUIRED.
3. CLEAN DEBRIS FROM SITE CONTINUOUSLY WHILE WORK IS BEING CARRIED OUT.
4. COORDINATE SHUTDOWN OF FUEL SYSTEMS WITH BUILDING MANAGEMENT. A MINIMUM OF 48 HOURS PRIOR TO CARRYING OUT THE WORK IN ALL AREAS. WORK MAY HAVE TO BE CARRIED OUT AFTER HOURS IN SOME LOCATIONS.
5. ALL LOCATIONS ARE TO BE CONSIDERED APPROXIMATE ONLY. CONFIRM ALL LOCATIONS ON SITE AND ADJUST AS REQUIRED.
6. COORDINATE WITH ALL OTHER TRADES.
7. ALL PENETRATIONS ARE TO BE PROPERLY FIRE STOPPED WITH A ULC LISTED MATERIAL.
8. COMPLETION OF A "DISMANTLING DECOMMISSIONING OR DESTRUCTION NOTICE"
9. FUEL MANIFEST REQUIRED FROM THE CONTRACTOR INDICATED THE QUANTITY AND WHERE THE FUEL WAS DISPOSED OFF. THE EXISTING TANK DECOMMISSIONING WILL BE REQUIRED FROM CONTRACTOR INDICATING THE QUANTITY AND WHERE THE FUEL WAS DISPOSED OF. THE EXISTING TANK DECOMMISSIONING WILL BE REQUIRED TO TAKE PLACE BY CONTRACTORS LICENSED FOR THIS ACTIVITY IN THE PROVINCE OF NL.
10. CONTRACTOR TO FILL OUT FUEL TANK CHECKLIST.
11. NOTIFY WITHIN 60 DAYS IF IT'S A REGISTERED TANK. PLACE TAG ON FILL PIPE ANYTIME A TANK IS OUT OF SERVICE. FILL OUT PERMANENT WITHDRAWAL FROM SERVICE FORM.
12. CONTRACTOR TO REVIEW ASBESTOS MANAGEMENT PLAN PRIOR TO ANY DEMO, DRILLING OR REINSTATEMENT OF WORK.

① EXISTING OIL TANK



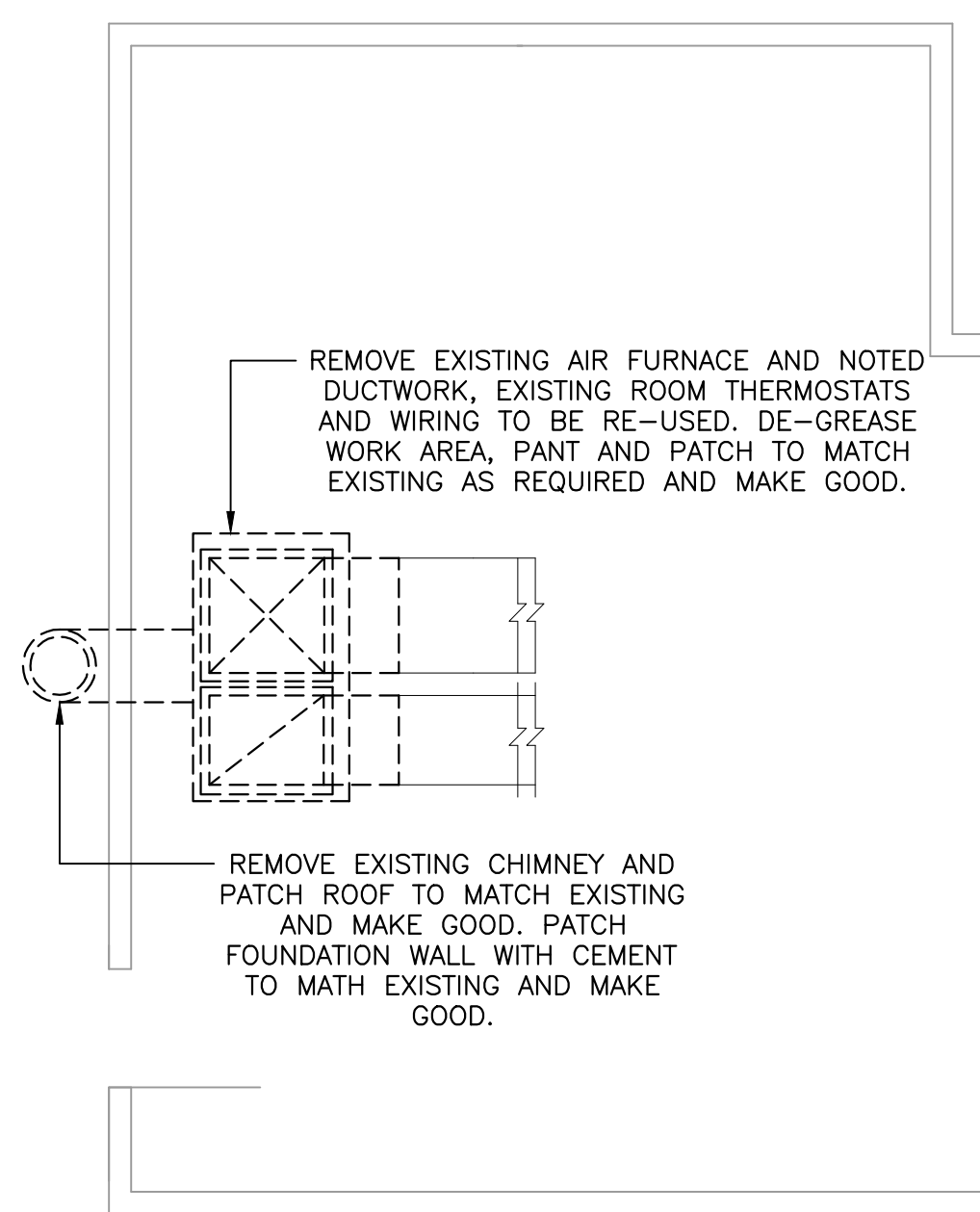
HOUSE #10 ROOF PLAN - DEMOLITION AND NEW WORK LAYOUT

SCALE: 1:50
0m 1m 2m 3m 4m 5m



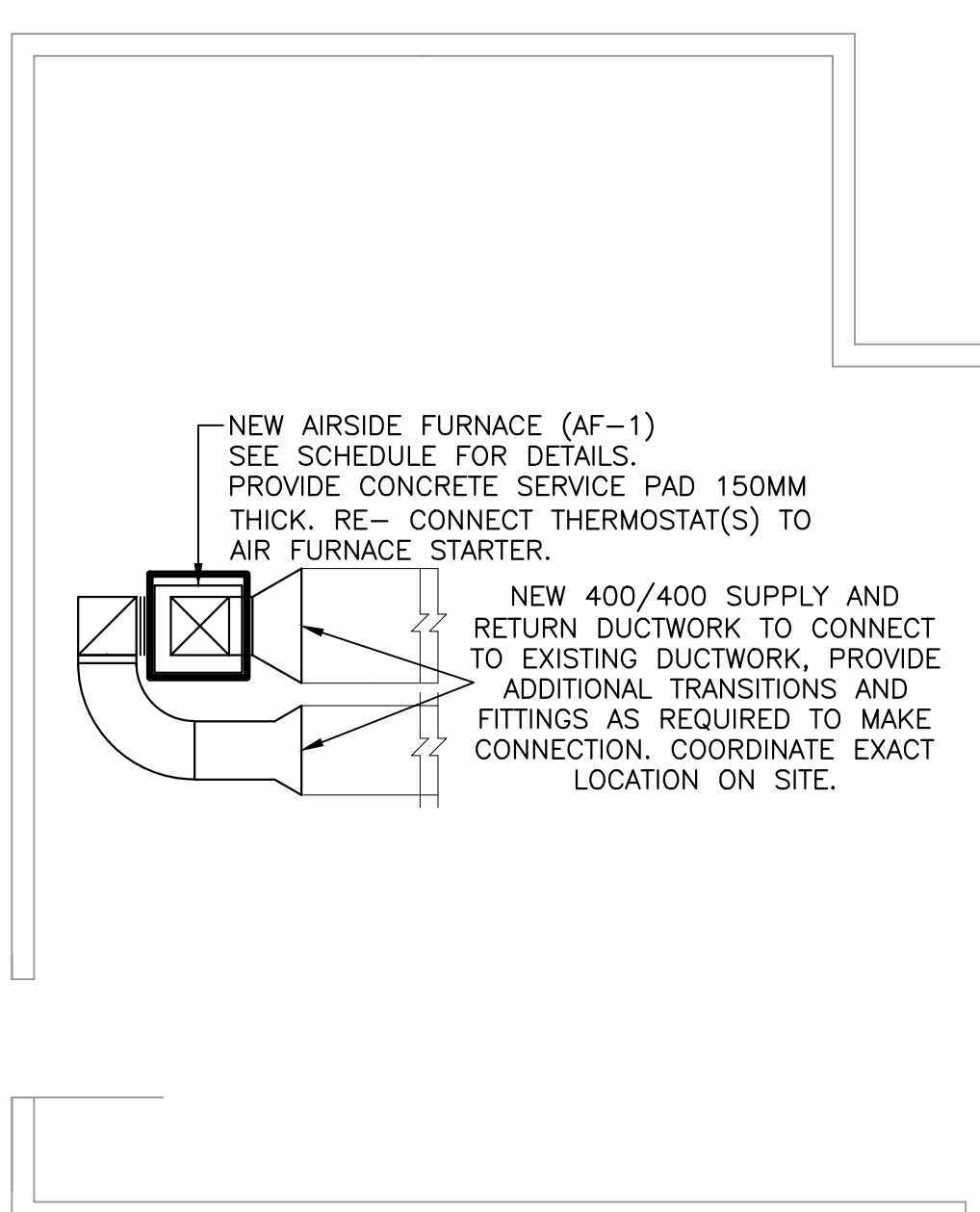
HOUSE #5 MAIN FLOOR PLAN - DEMOLITION AND NEW WORK LAYOUT

SCALE: 1:50
0m 1m 2m 3m 4m 5m



HOUSE #10 PARTIAL BASEMENT FLOOR PLAN - DEMOLITION LAYOUT

SCALE: 1:50
0m 1m 2m 3m 4m 5m



HOUSE #10 BASEMENT FLOOR PLAN - NEW HEATING LAYOUT

SCALE: 1:50
0m 1m 2m 3m 4m 5m

ELECTRIC FURNACE SCHEDULE											
TAG	MANUFACTURE	MODEL NO.	FAN HP	CAPACITY KW.	MCA	ELECTRICAL DATA			STAGE DETAILS		REMARKS
						VOLTAGE	PH.	HZ.	# OF STAGES	KW.	
AF-1	STELPRO	SEFECM2321B	1/2	23	98	240	1	60	-	-	POWERED ELECTRICAL DISCONNECT, AIR FLOW SWITCH, CONTROLS TRANSFORMER 24 VOLT, SCR.

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
Class "A"
This Permit Allows
CROSBIE ENGINEERING LIMITED
To practice Professional Engineering
in Newfoundland and Labrador
Permit No. as issued by PEG-NL 00123
which is valid for the year 2016.

REGISTERED PROFESSIONAL ENGINEER
DAVID A. SMITH
SIGNATURE
MARCH 24, 2016
PROVINCE OF NEWFOUNDLAND

0	ISSUED FOR TENDER	MAR 24 2016
B	ISSUED 100% REVIEW	MAR 9, 2016
A	ISSUED FOR 75% REVIEW	JAN 28, 2016
revisions		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 projet

**TERRA NOVA NATIONAL PARK
PARK HOUSING
RECAPITALIZATION**

drawing dessin

HOUSE #5 AND #10
HEATING DEMOLITION, NEW
HEATING LAYOUT AND
SCHEDULE.

designed D.S. conçu

date MARCH 2016

drawn B.D. dessiné

date MARCH 2016

approved approuvé

date

Tender Soumission

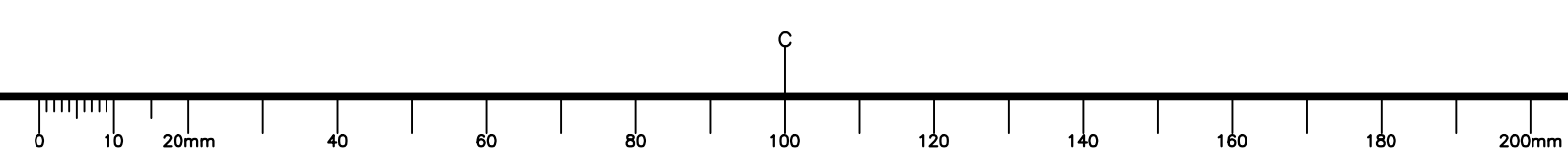
PWC Project Manager Administrateur de projets TPC

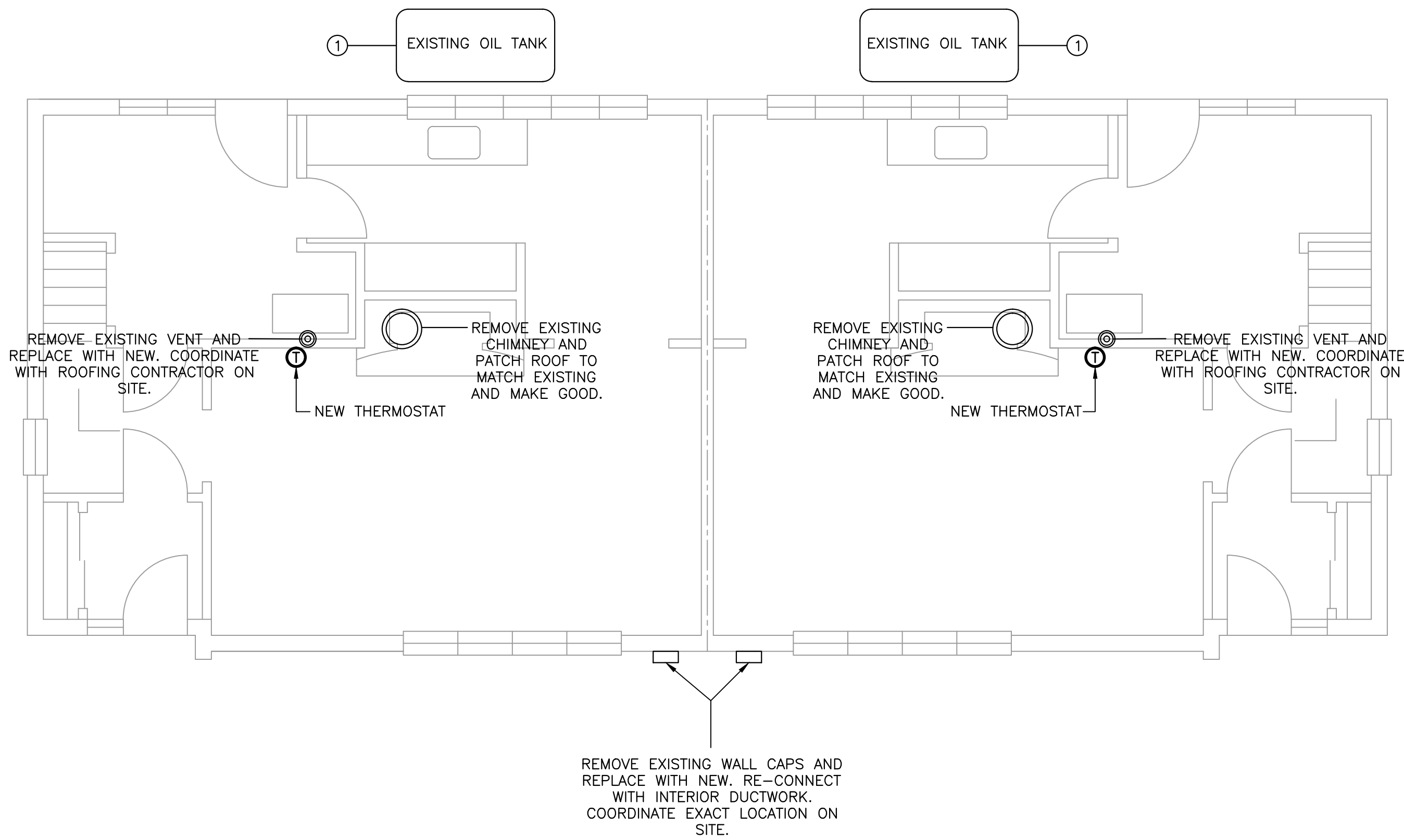
project number no. du projet

PRO 000610

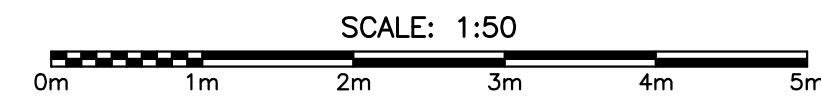
drawing no. no. du dessin

M-1





HOUSE #6,7,8,9 MAIN FLOOR PLAN – DEMOLITION AND NEW WORK LAYOUT



GENERAL NOTES:

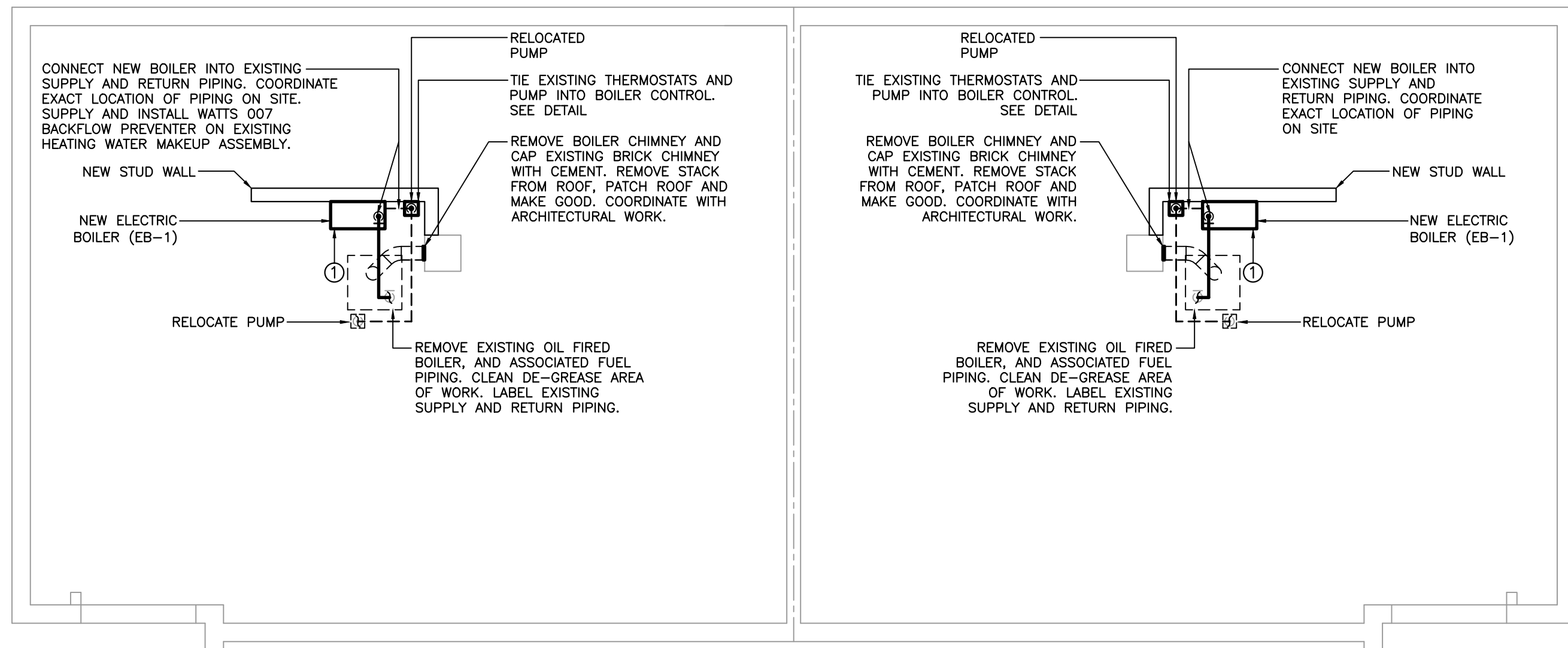
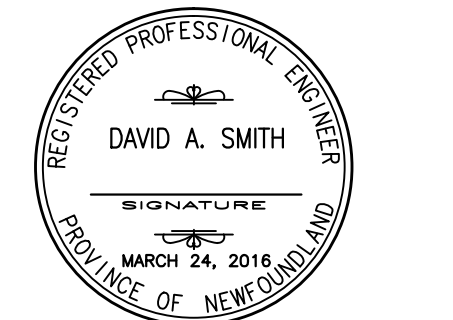
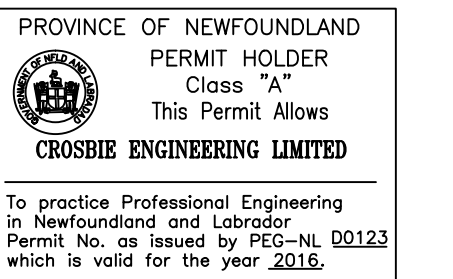
1. ALL WORK TO BE COORDINATED WITH THE DEPARTMENTAL REPRESENTATIVE ON SITE. OBTAIN ALL REQUIRED SECURITY CLEARANCE FOR CARRYING OUT WORK IN BUILDING PRIOR TO COMMENCEMENT OF WORK. ARRANGE FOR DAILY ACCESS AND SUPERVISION AS REQUIRED WITH BUILDING MANAGEMENT.
2. OBTAIN ALL HOT WORK PERMITS FOR CUTTING INTO EXISTING DUCTWORK AS REQUIRED.
3. CLEAN DEBRIS FROM SITE CONTINUOUSLY WHILE WORK IS BEING CARRIED OUT.
4. COORDINATE SHUTDOWN OF FUEL SYSTEMS WITH BUILDING MANAGEMENT. A MINIMUM OF 48 HOURS PRIOR TO CARRYING OUT THE WORK IN ALL AREAS. WORK MAY HAVE TO BE CARRIED OUT AFTER HOURS IN SOME LOCATIONS.
5. ALL LOCATIONS ARE TO BE CONSIDERED APPROXIMATE ONLY. CONFIRM ALL LOCATIONS ON SITE AND ADJUST AS REQUIRED.
6. COORDINATE WITH ALL OTHER TRADES.
7. ALL PENETRATIONS ARE TO BE PROPERLY FIRE STOPPED WITH A ULC LISTED MATERIAL.
8. COMPLETION OF A DISMANTLING DECOMMISSIONING OR DESTRUCTION NOTICE"
9. FUEL MANIFEST REQUIRED FROM THE CONTRACTOR INDICATED THE QUANTITY AND WHERE THE FUEL WAS DISPOSED OFF. THE EXISTING TANK DECOMMISSIONING WILL BE REQUIRED FROM CONTRACTOR INDICATING THE QUANTITY AND WHERE THE FUEL WAS DISPOSED OF. THE EXISTING TANK DECOMMISSIONING WILL BE REQUIRED TO TAKE PLACE BY CONTRACTORS LICENSED FOR THIS ACTIVITY IN THE PROVINCE OF NL.
10. CONTRACTOR TO FILL OUT FUEL TANK CHECKLIST.
11. NOTIFY WITHIN 60 DAYS IF IT'S A REGISTERED TANK. PLACE TAG ON FILL PIPE ANYTIME A TANK IS OUT OF SERVICE. FILL OUT PERMANENT WITHDRAWAL FROM SERVICE FORM.
12. CONTRACTOR TO REVIEW ASBESTOS MANAGEMENT PLAN PRIOR TO ANY DEMO, DRILLING OR REINSTATEMENT OF WORK.

DEMOLITION NOTES:

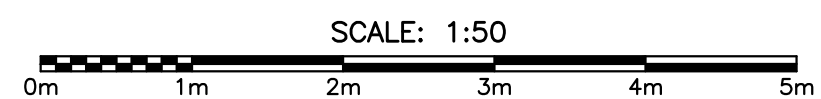
1. DEMOLITION CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE REMOVAL AND DISCARDING OF ALL DEMOLITION WASTE INCLUDING UNFORESEEN ITEMS WITHIN THE SCOPE OF WORK.
2. DEMOLITION CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AFFECTING THE WORK.
3. THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF WORK TO BE PERFORMED. THE EXACT EXTENT OF DEMOLITION SHALL BE REQUIRED BY NEW WORK.
4. O&M SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED.

DRAWING NOTES:

- ① FUEL TANK TO BE REMOVED AND DISPOSED OF IN AN ENVIRONMENTALLY FASHION. COMPLETION OF A "DISMANTLING, DECOMMISSIONING OR DESTRUCTION NOTICE" REQUIRED FOR THE FUEL TANK TO BE REMOVED. CLEAN AND DEGREASE AREA OF WORK. MAKE GOOD ANY DAMAGES IN AREA OF WORK.



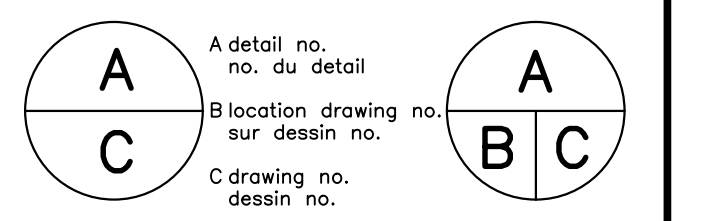
HOUSE #6,7,8,9 MAIN FLOOR PLAN – DEMOLITION AND NEW WORK LAYOUT



ELECTRIC BOILER SCHEDULE									
DWG TAG	MANUFACTURER	MODEL	NET CAPACITY (LITRES)	ELECTRICAL LOAD				VOLTAGE	MAX. OPERATING PRESS. (KPA)
				TOTAL (KW)	CURRENT AMP	ELEMENTS	STAGES		
EB-1	THERMOLEC	STANDARD	-	23	-	-	1	240/1/60	207

NOTES –
C/W PRESSURE RELIEF VALVE, DRAIN VALVE & TRIDICATOR (TEMP./PRESS. GAGE).
HONEYWELL RELAY SWITCH FOR PUMP CONTROL
FLUID IS 40% GLYCOL.

0	ISSUED FOR TENDER	MAR 24 2016
B	ISSUED 100% REVIEW	MAR 9, 2016
A	ISSUED FOR 75% REVIEW	JAN 28, 2016
revisions		date



project projet

**TERRA NOVA NATIONAL PARK
PARK HOUSING
RECAPITALIZATION**

drawing dessin

HOUSE #6, #7, #8, AND #9 HEATING DEMOLITION, NEW HEATING LAYOUT AND SCHEDULE.

designed D.S. conçu

date MARCH 2016

drawn B.D. dessiné

date MARCH 2016

approved approuvé

date

Tender Soumission

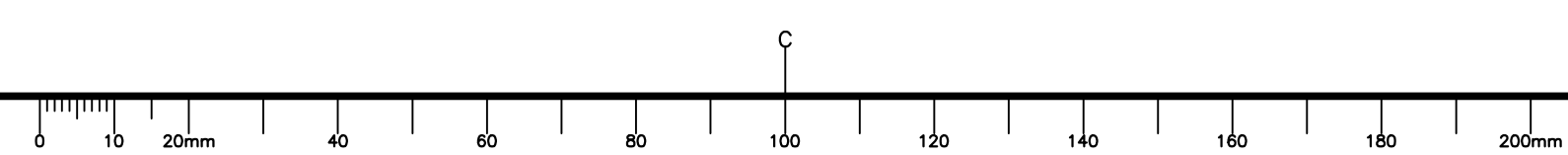
PWC Project Manager Administrateur de projets TPC

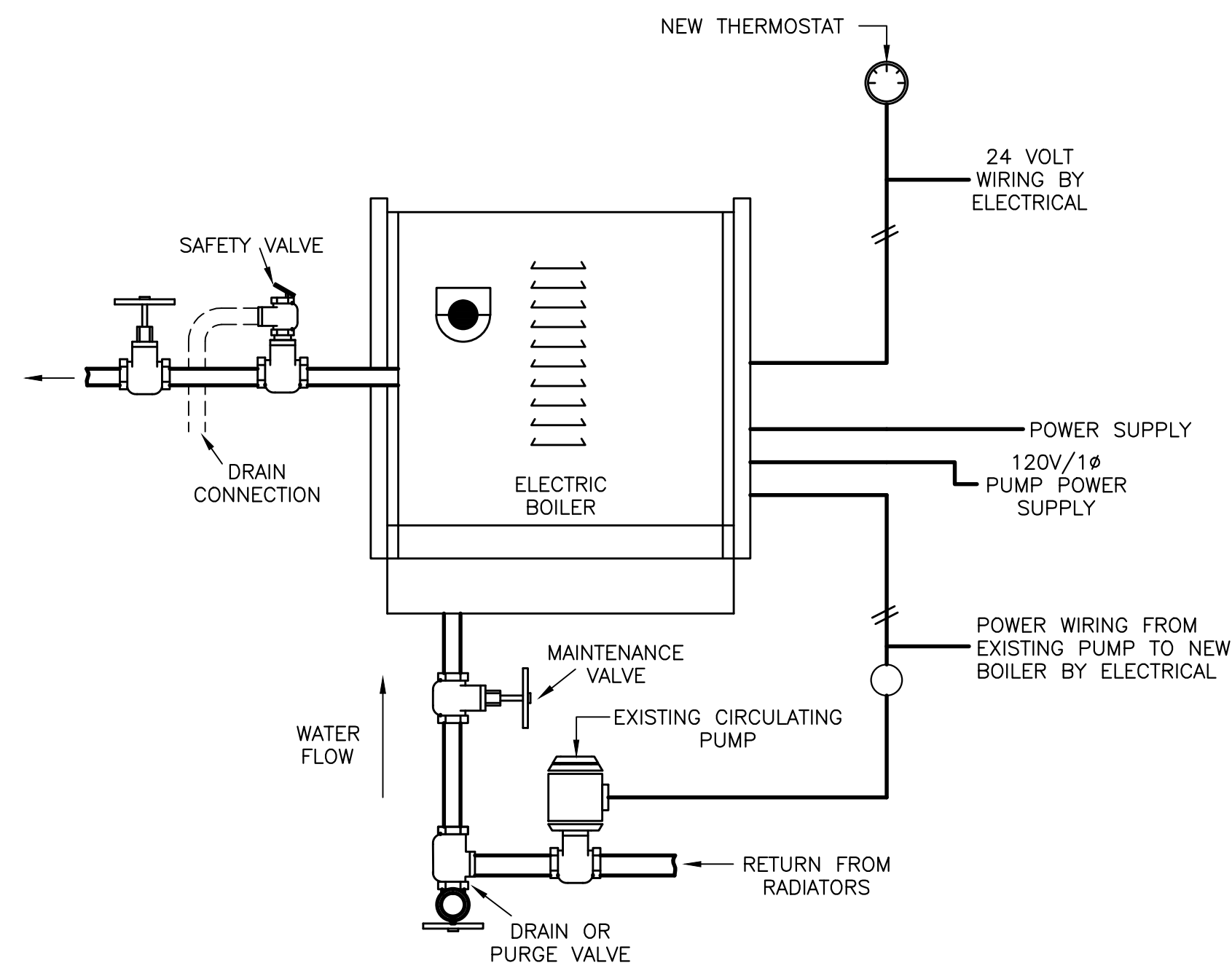
project number no. du projet

PRO 000610

drawing no. no. du dessin

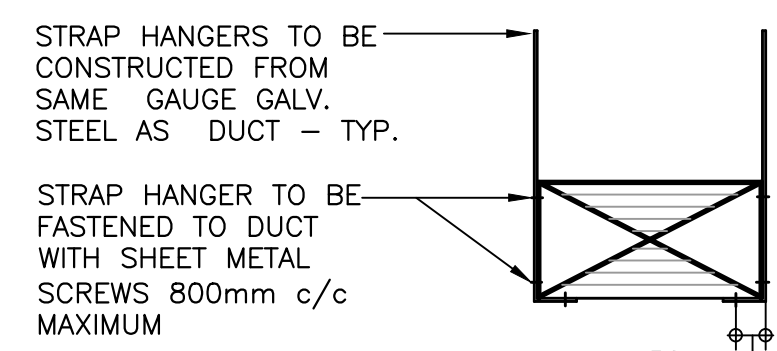
M-2



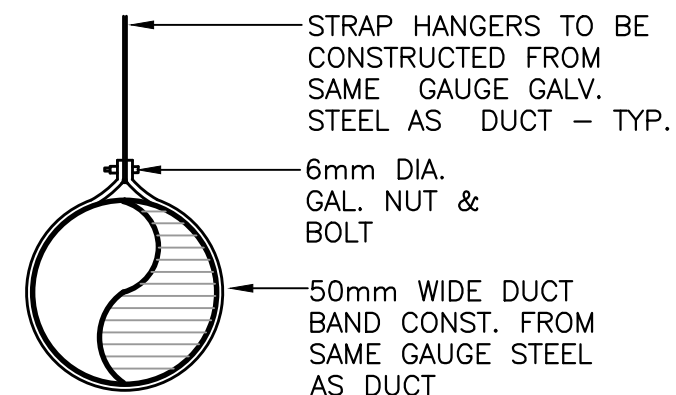


BOILER CONNECTION DETAIL
SCALE = N.T.S. 4 M-3

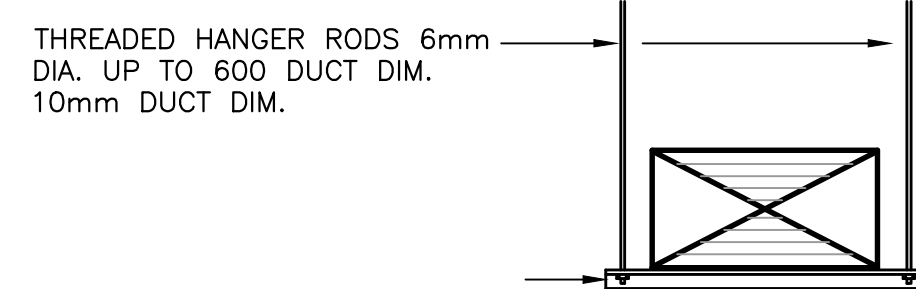
- NOTES:**
- 1.) ALL HANGER STRAPS & HANGER RODS SHALL BE FIRMLY SUPPORTED FROM THE STRUCTURE.
 - 2.) DUCT SUPPORT UP TO 1500mm DUCT DIM. SHALL BE INSTALLED @ 1200mm c/c MAX.



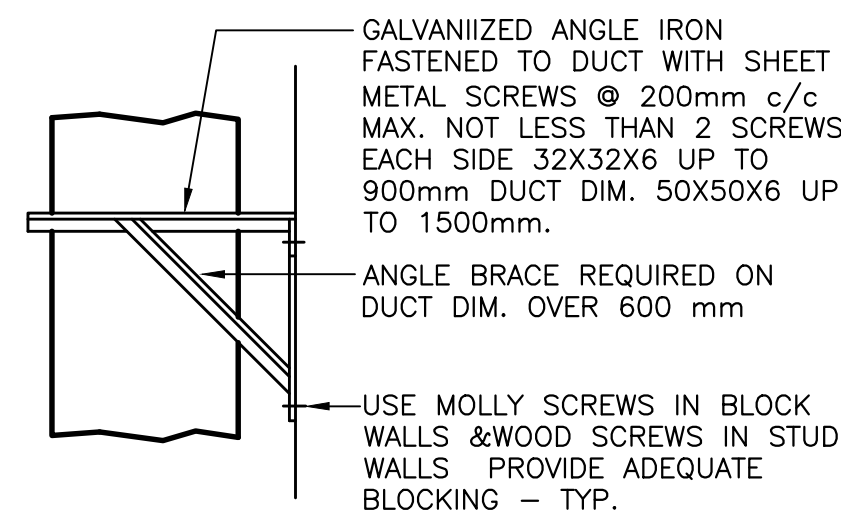
RECTANGULAR DUCT UP TO 300mm



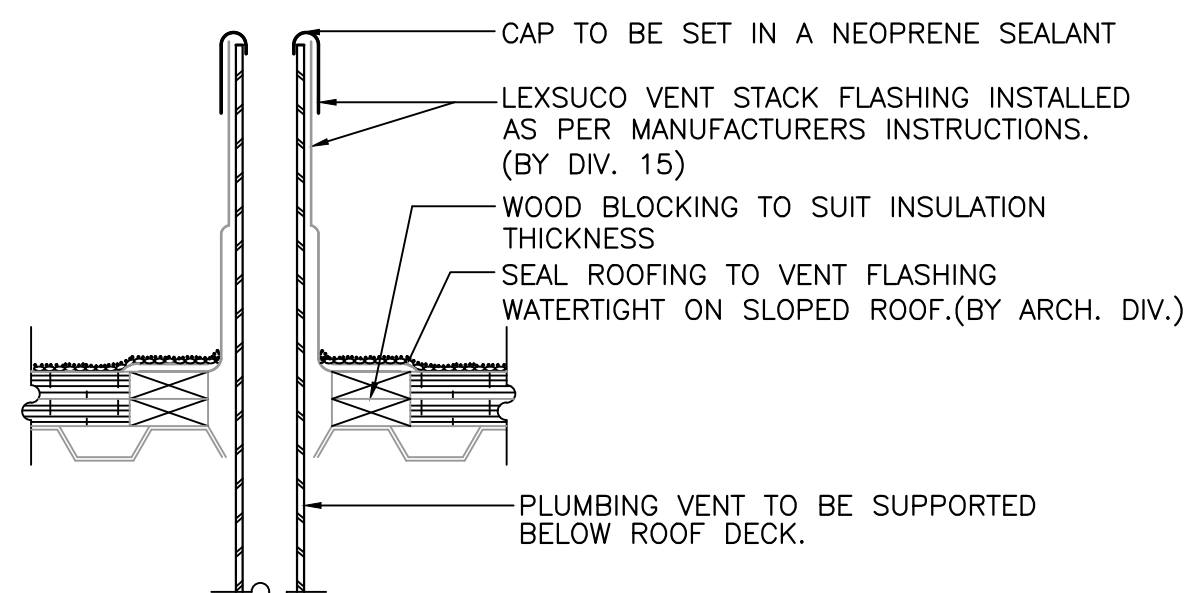
ROUND DUCT



RECTANGULAR DUCT UP TO 1500mm

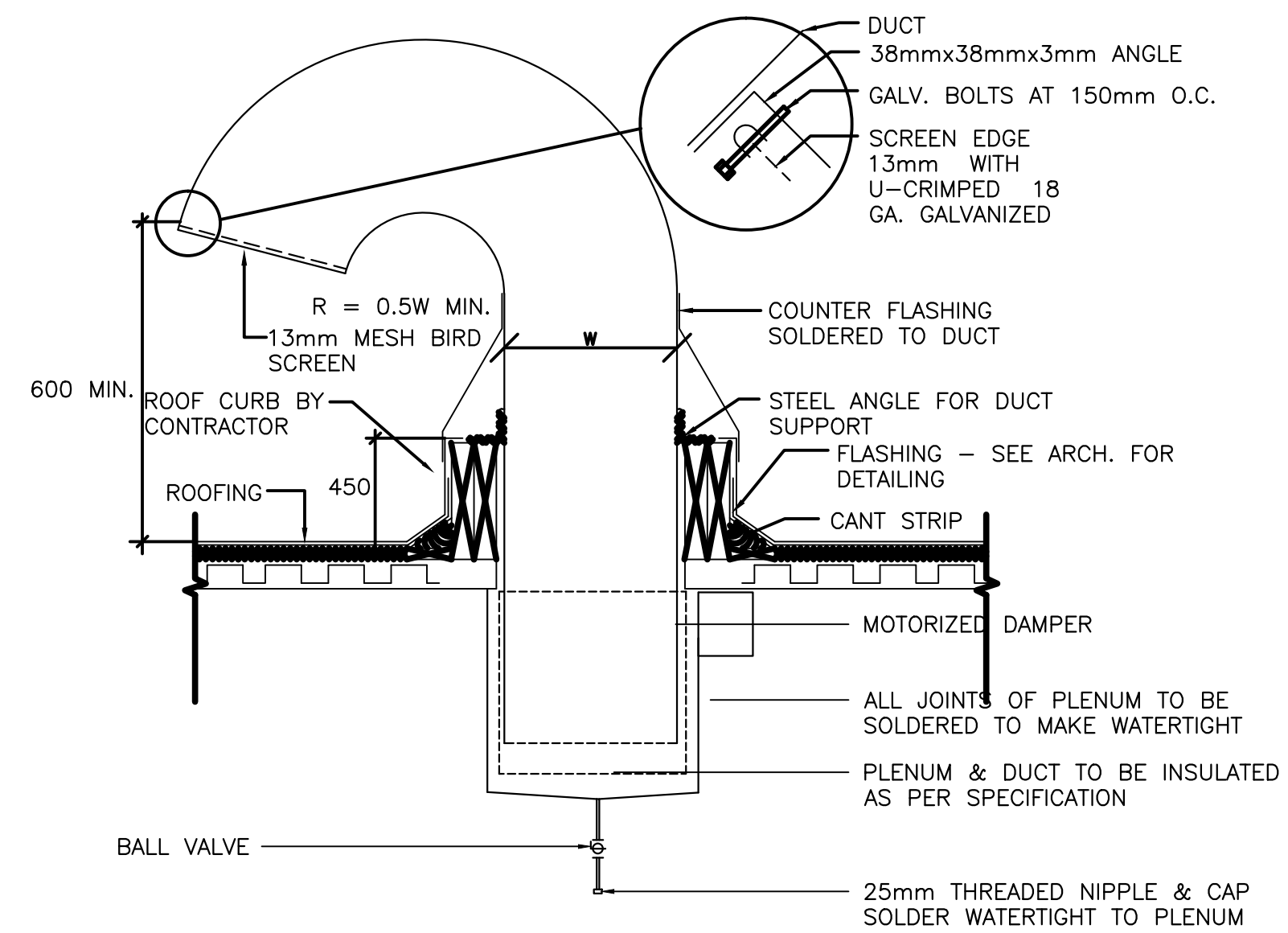


VERTICAL DUCT

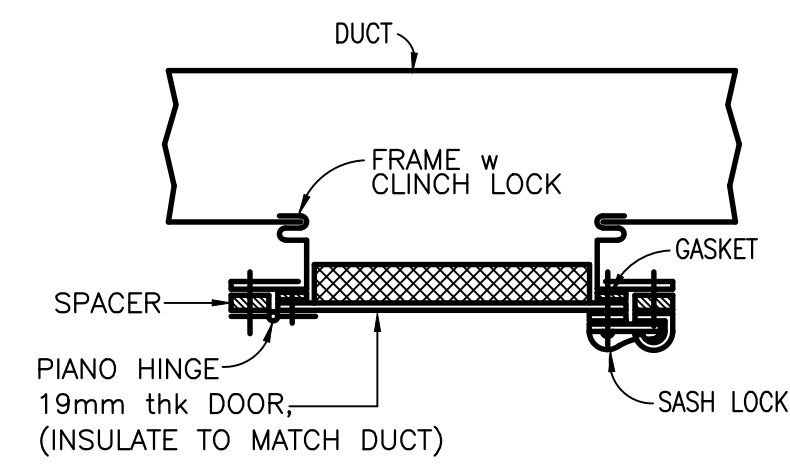


TYPICAL PLUMBING VENT FLASHING
SCALE = N.T.S. 6 M-3

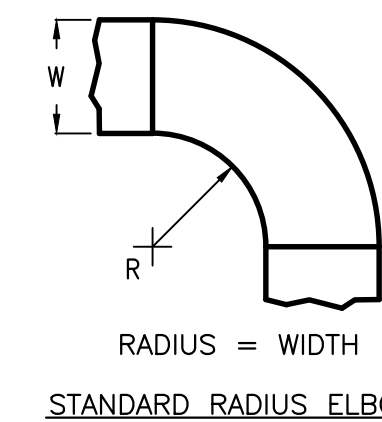
TYPICAL DUCT SUPPORTS DETAIL
SCALE = N.T.S. 5 M-3



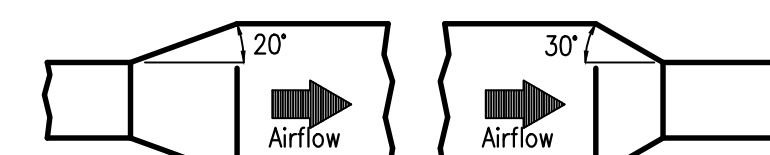
ROOF GOOSENECK DETAIL
SCALE = N.T.S. 1 M-3



TYP. DUCT MTD. ACCESS DOOR

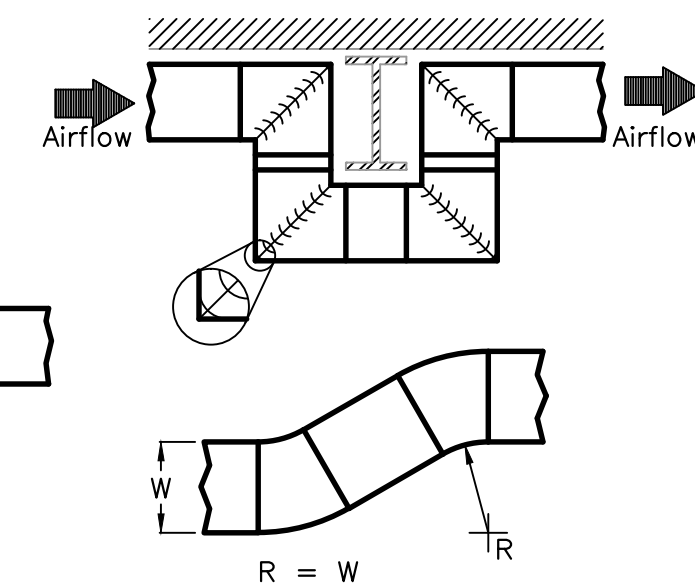


STANDARD RADIUS ELBOW

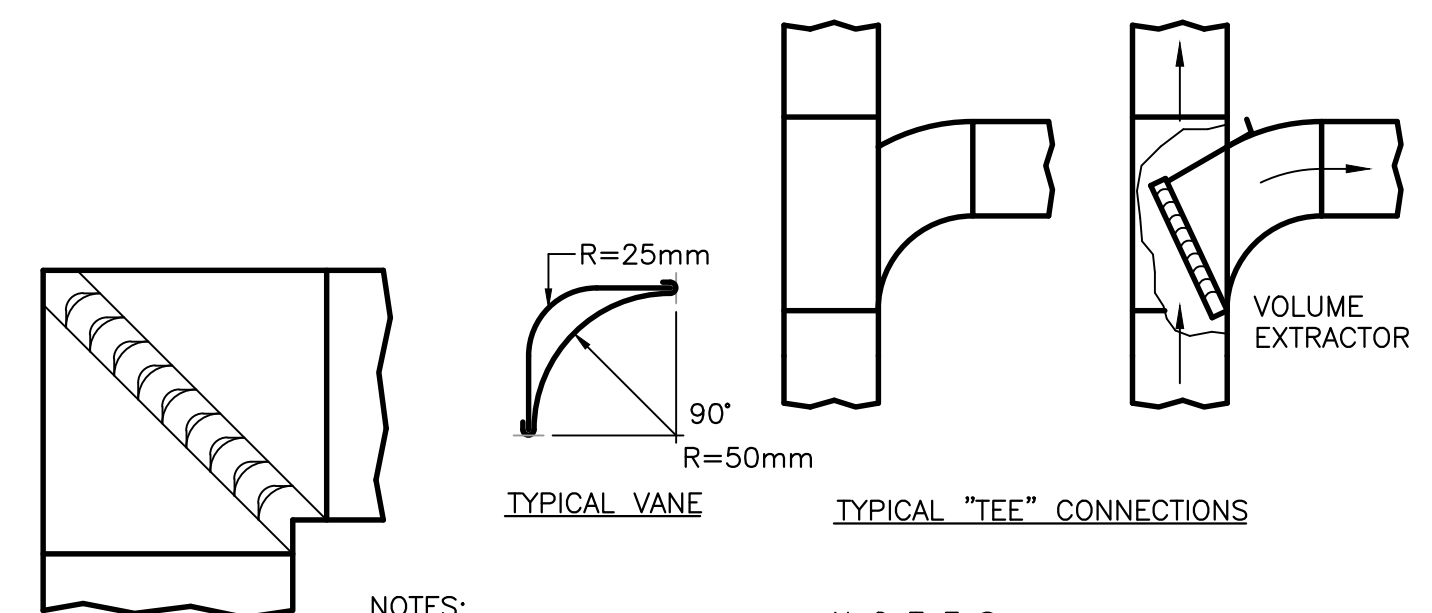


- NOTES**
- 20° Max. ON DIVERGING AIRFLOW,
30° Max. ON CONVERGING AIRFLOW.

TYPICAL TRANSITIONS



TYPICAL OFFSETS



- NOTES:**
- VANE SPACING,
30mm (SMALL ELBOW)
60mm (LARGE ELBOW)

TYPICAL VANED ELBOWS

- NOTES:**
1. ALL DUCTWORK CONSTRUCTION SHALL CONFORM TO SMACNA LOW AND/OR HIGH VELOCITY DUCT STANDARDS AS REQUIRED.

TYPICAL DUCT CONSTRUCTION DETAILS
SCALE = N.T.S. 2 M-3

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
Class "A"
This Permit Allows
CROSBIE ENGINEERING LIMITED
To practice Professional Engineering
in Newfoundland and Labrador
Permit No. as issued by PEG-NL 00123
which is valid for the year 2016.

REGISTERED PROFESSIONAL ENGINEER
DAVID A. SMITH
SIGNATURE
MARCH 24, 2016
PROVINCE OF NEWFOUNDLAND

0	ISSUED FOR TENDER	MAR 24 2016
B	ISSUED 100% REVIEW	MAR 9, 2016
A	ISSUED FOR 75% REVIEW	JAN 28, 2016
revisions		date

A	A detail no. no. du detail	A
B	B location drawing no. sur dessin no.	B C
C	C drawing no. dessin no.	

project project

**TERRA NOVA NATIONAL PARK
PARK HOUSING
RECAPITALIZATION**

drawing dessin

MECHANICAL DETAILS

designed D.S. conçu

date MARCH 2016

drawn B.D. dessiné

date MARCH 2016

approved approuvé

date

Tender Soumission

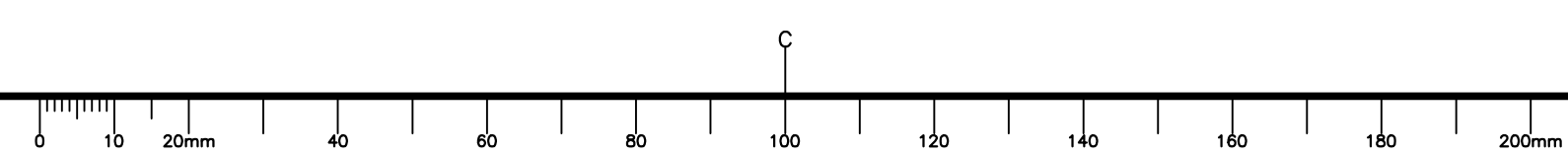
PWC Project Manager Administrateur de projets TPC

project number no. du projet

PRO 000610

drawing no. no. du dessin

M-3



LEGEND

GENERAL NOTES:

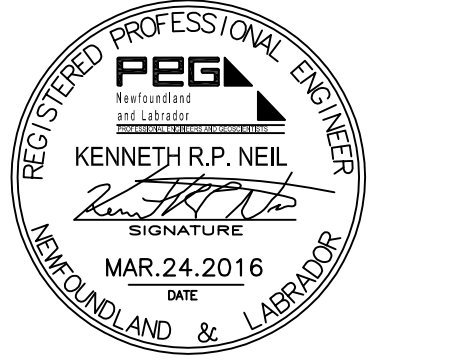
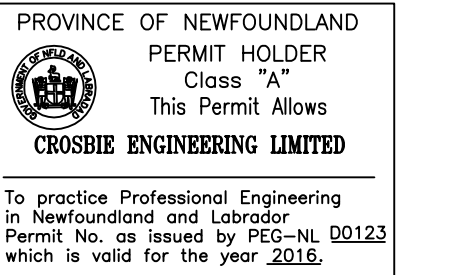
- CONTRACTOR TO PROVIDE ALL CUTTING, PATCHING AND PAINTING TO MATCH EXISTING. SEE SPECIFICATION FOR DETAILS. COORDINATE ON SITE.
- CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH ANY PORTION OF THIS WORK. DO NOT SCALE FROM DRAWINGS. CONTRACTOR TO ASSESS WORK AREA IN ADVANCE WITH DEPARTMENTAL REPRESENTATIVE FOR COORDINATION OF RELATED DAILY WORK SCHEDULES, PARKING, BUILDING ACCESS, AND STORAGE OF EQUIPMENT.
- WORK SHALL BE SCHEDULED DURING NORMAL WORKING HOURS. CONTRACTOR MAY WORK AFTER NORMAL WORKING HOURS AS COORDINATED BY DEPARTMENTAL REPRESENTATIVE. BUILDING TO REMAIN OPERATIONAL DURING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP AND DISPOSALS OF WORK AREA ON A DAILY BASIS. AFTER EACH WORKING SHIFT BUILDING TO BE CLEANED AND FREE OF DEBRIS. BUILDING GARBAGE BINS ARE NOT TO BE USED.
- ANY ELECTRICAL SYSTEM SHUTDOWN TO BE SCHEDULED AFTER NORMAL BUSINESS HOURS AND SHALL BE COORDINATED WITH DEPARTMENTAL REPRESENTATIVE. SUFFICIENT NOTICE SHALL BE GIVEN. 5 WORKING DAYS NOTICE IS REQUIRED FOR ANY DISRUPTION.
- WORK TO BE CARRIED OUT IN CONSIDERATION OF CLIENT COMFORT AND OPERATIONS.
- ALL WIRING TO BE INSTALLED IN CONDUIT AS INDICATED.
- ACCESS TO FACILITY TO BE COORDINATED WITH DEPARTMENTAL REPRESENTATIVE.
- PROVIDE TYPED REVISED PANELBOARD DIRECTORIES FOR ALL PANELBOARDS WHERE BRANCH CIRCUITS WERE EITHER REMOVED, MODIFIED, OR ADDED.
- LABEL ALL EQUIPMENT ASSOCIATED WITH THIS PROJECT WITH LAMICOID TAGS.
- ALL EXISTING ELECTRICAL EQUIPMENT REMOVED TO BE TURNED OVER TO DEPARTMENTAL REPRESENTATIVE. IF DEPARTMENTAL REPRESENTATIVE REFUSES THEN CONTRACTOR TO REMOVE FROM SITE AND DISPOSE.

LIGHTING

- Ⓐ LED LIGHTING FIXTURE, CEILING MOUNTED. LETTER DENOTES TYPE. SEE LIGHTING FIXTURE SCHEDULE & SPECIFICATIONS FOR DESCRIPTION.
- Ⓜ LED LIGHTING FIXTURE, WALL MOUNTED. LETTER DENOTES TYPE. SEE LIGHTING FIXTURE SCHEDULE & SPECIFICATIONS FOR DESCRIPTION.
- Ⓢ3 SINGLE POLE TOGGLE SWITCH. 15 AMP, SPECIFICATION GRADE, WHITE C/W STAINLESS STEEL COVERPLATE. SEE SPEC. FOR MORE INFORMATION. MOUNT 1200mm ABOVE FINISHED FLOOR.
- 4 "p" INDICATES PILOT LIGHT
- p "3" INDICATES THREE WAY SWITCH, SIMILAR TO ABOVE.
- "4" INDICATES FOUR WAY SWITCH, SIMILAR TO ABOVE.

LIGHTING FIXTURE SCHEDULE

c	SYMBOL	LIGHT SOURCE	MOUNTING	LAMPS	VOLTS	MANUFACTURER	CAT. NO.	REMARKS
	A	LED	EXTERIOR WALL	1 x 20W LED	120	LITHONIA	OLWX1LED-20W-40K-120	



0	ISSUED FOR TENDER	MAR.24.2016
B	ISSUED FOR 100% REVIEW	MAR.09.2016
A	ISSUED FOR 66% REVIEW	JAN.28.2016
revisions		date

A	A detail no. no. du detail	A
B	B location drawing no. sur dessin no.	B
C	C drawing no. dessin no.	C

project projet

TERRA NOVA NATIONAL PARK PARK HOUSING RECAPITALIZATION

drawing dessin

LEGEND AND GENERAL NOTES

designed K.N. conçu

date MARCH 2016

drawn D.R. dessiné

date MARCH 2016

approved approuvé

date

Tender Soumission

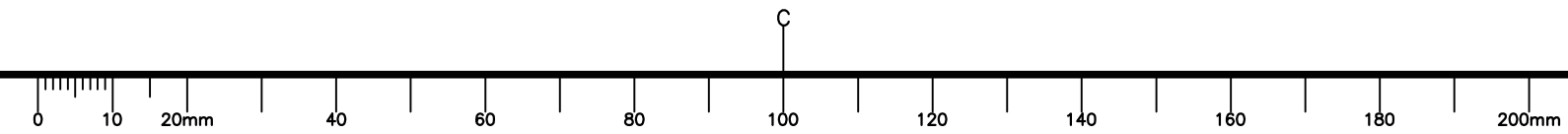
PWC Project Manager Administrateur de projets TPC

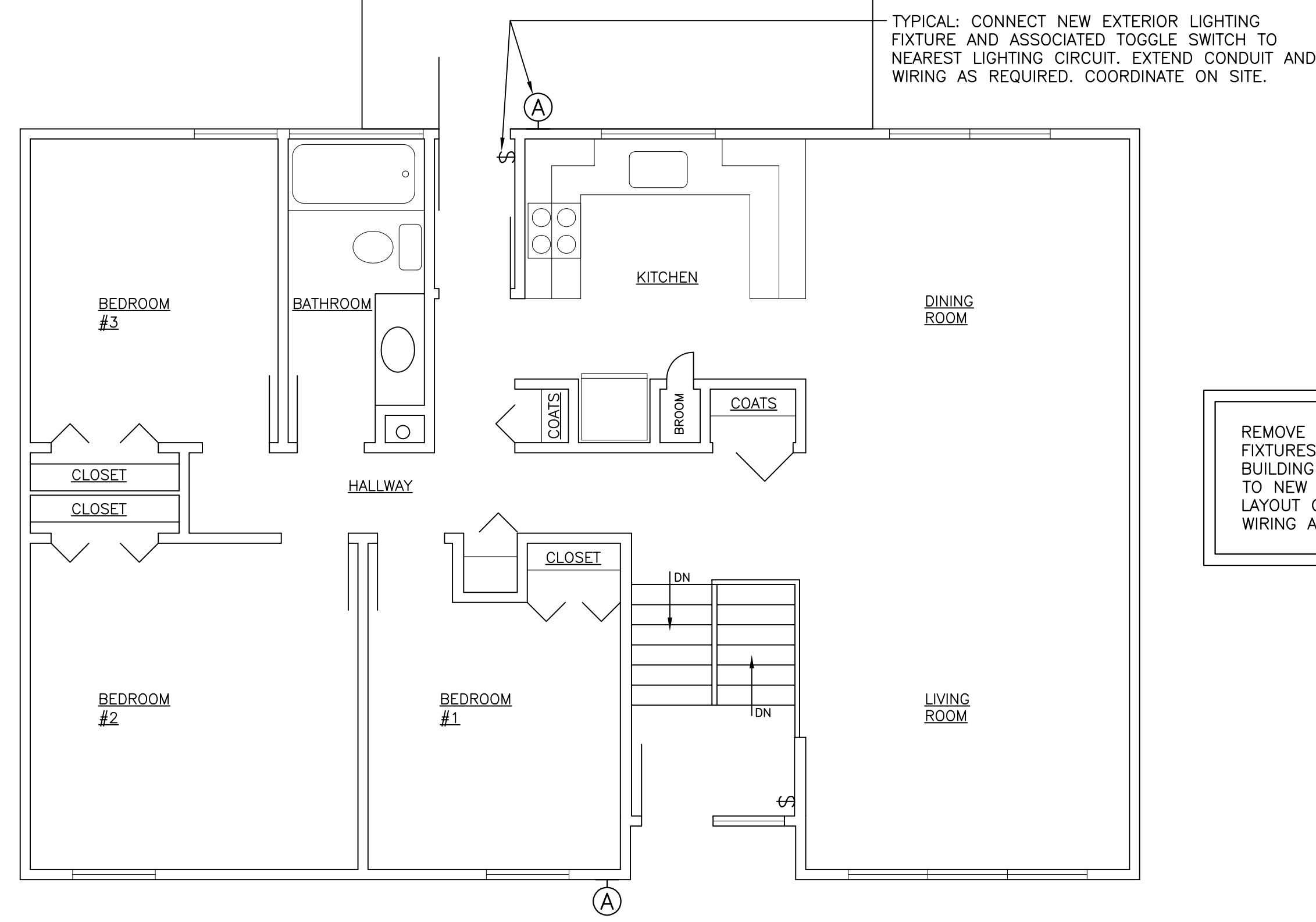
project number no. du projet

PRO 000610

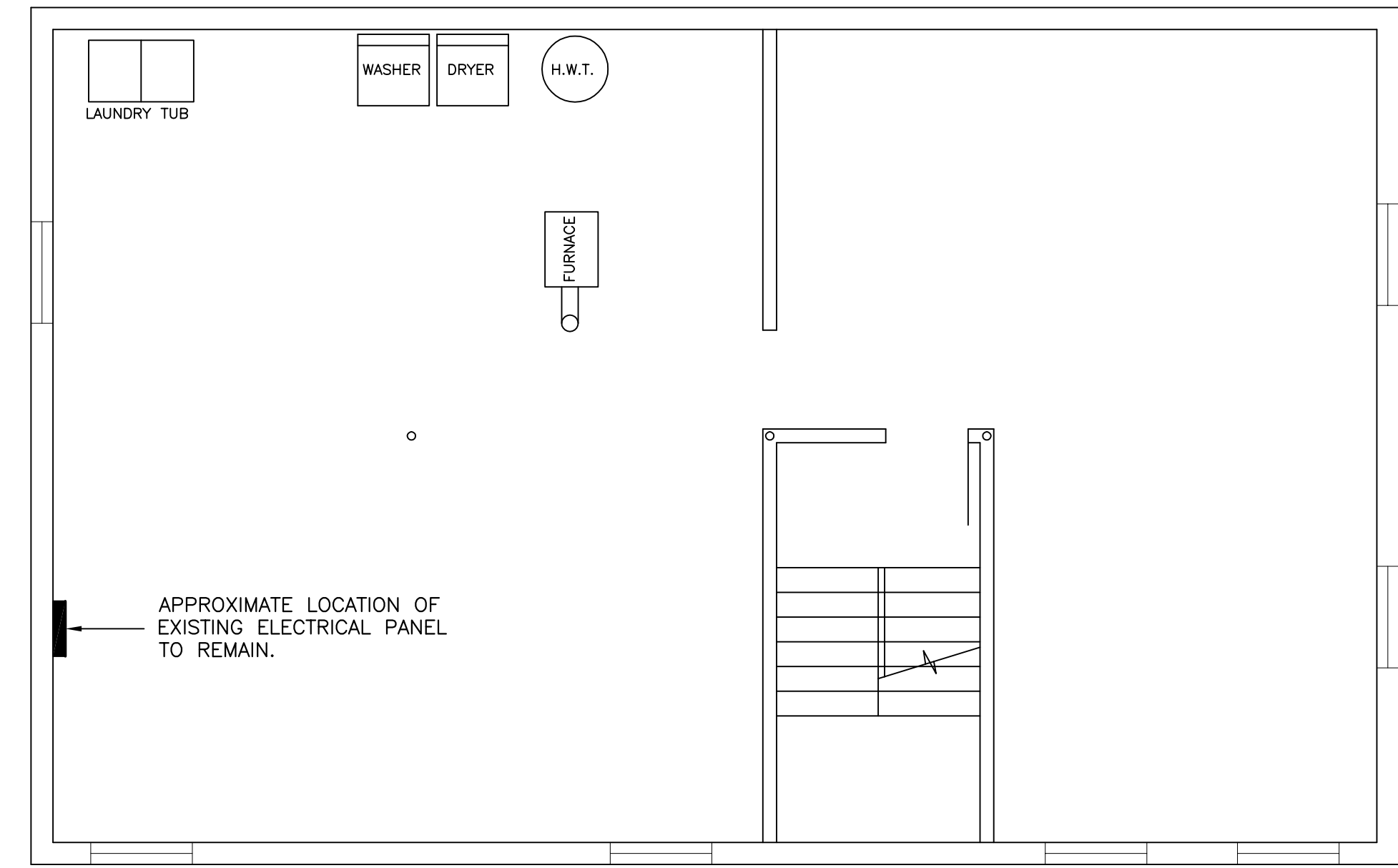
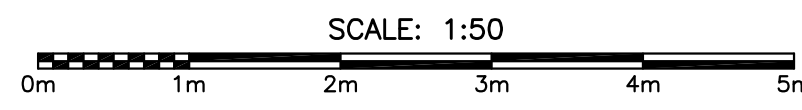
drawing no. no. du dessin

E1

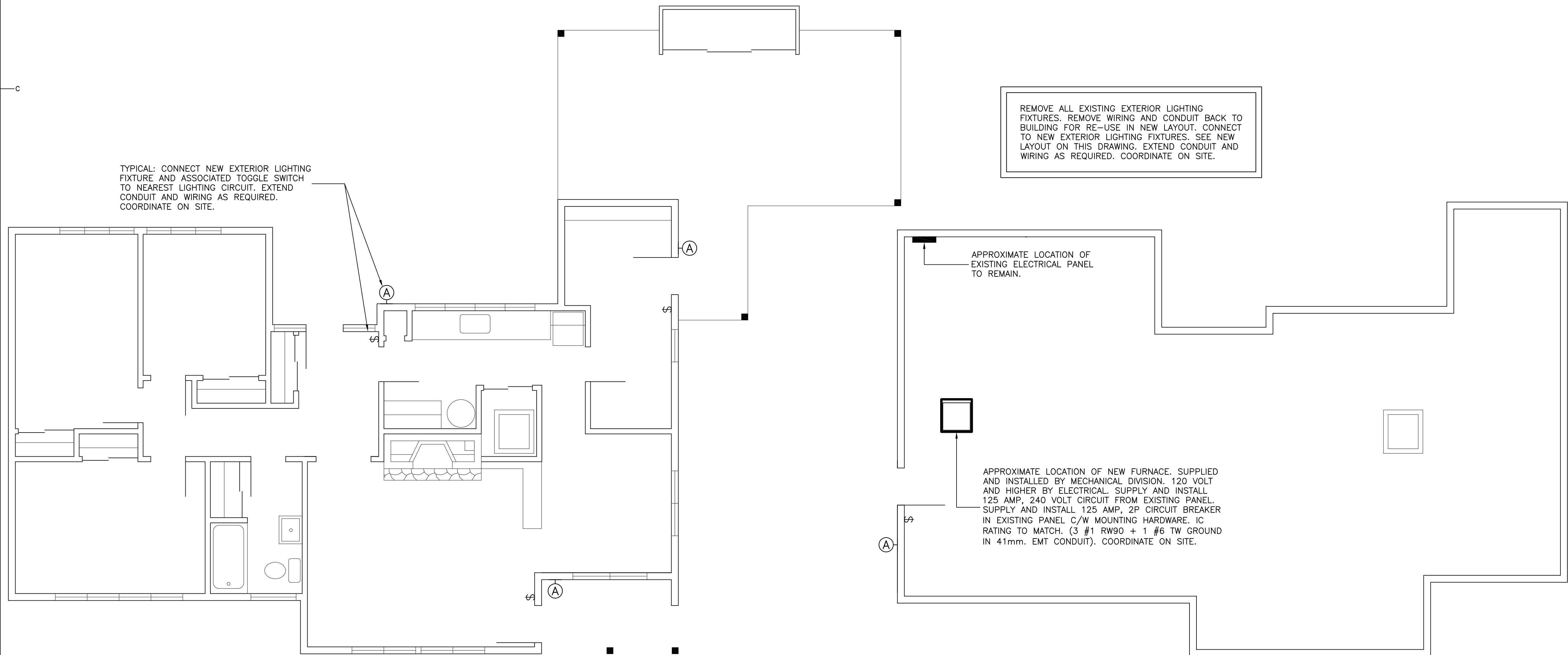
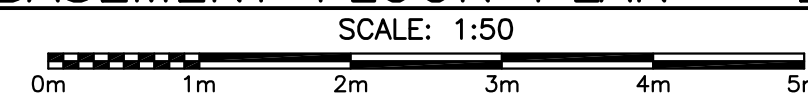




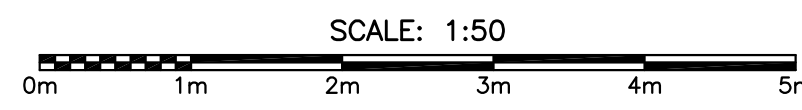
HOUSE NO. 5 MAIN FLOOR PLAN – ELECTRICAL LAYOUT



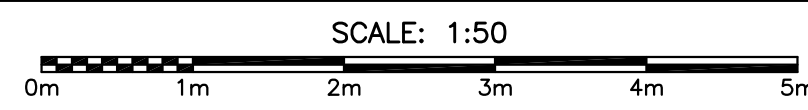
HOUSE NO. 5 BASEMENT FLOOR PLAN – ELECTRICAL LAYOUT



HOUSE NO. 10 MAIN FLOOR PLAN – ELECTRICAL LAYOUT



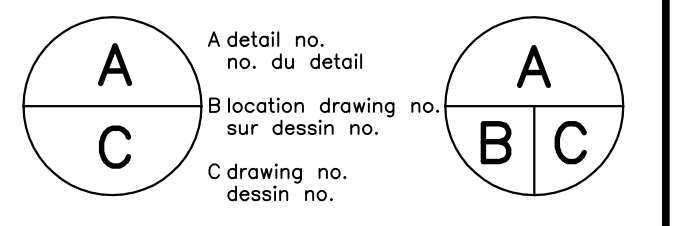
HOUSE NO. 10 BASEMENT FLOOR PLAN – ELECTRICAL LAYOUT



PROVINCE OF NEWFOUNDLAND PERMIT HOLDER Class "A" This Permit Allows CROSBIE ENGINEERING LIMITED To practice Professional Engineering in Newfoundland and Labrador Permit No. as issued by PEG-NL 00123 which is valid for the year 2016.

REGISTERED PROFESSIONAL ENGINEER KENNETH R.P. NEIL MAR. 24 2016 DATE

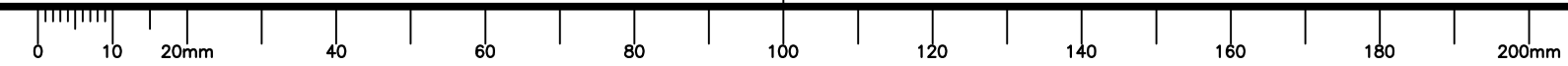
0	ISSUED FOR TENDER	MAR. 24 2016
B	ISSUED FOR 100% REVIEW	MAR. 05 2016
A	ISSUED FOR 66% REVIEW	JAN. 28 2016
revisions		date

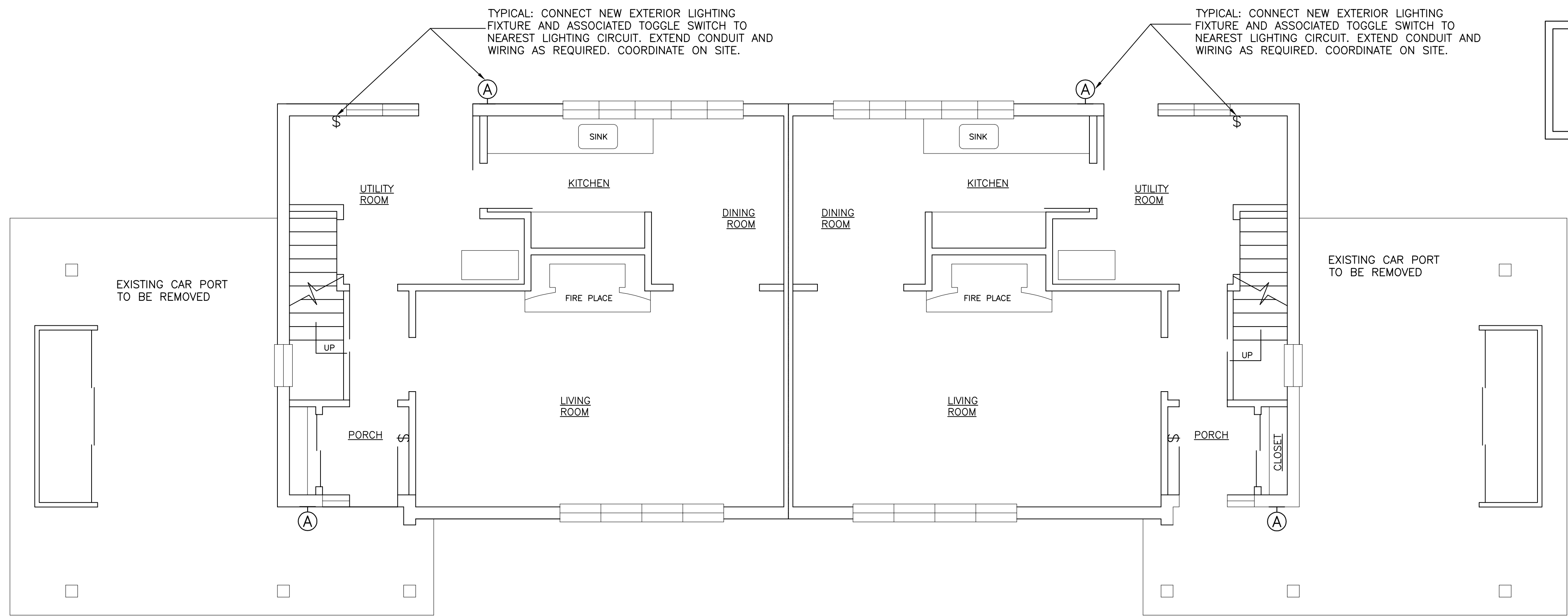


TERRA NOVA NATIONAL PARK PARK HOUSING RECAPITALIZATION

HOUSE NO. 5 & 10 ELECTRICAL LAYOUTS

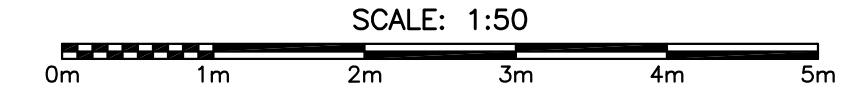
designed K.N.	conçu
date MARCH 2016	
drawn D.R.	dessiné
date MARCH 2016	
approved	approuvé
date	
Tender	Soumission
PWC Project Manager	Administrateur de projets TPC
project number	no. du projet
PRO 000610	
drawing no.	no. du dessin
E2	



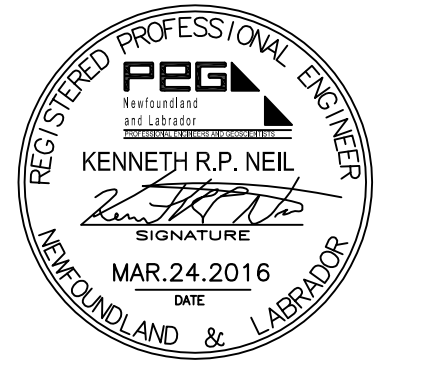


REMOVE ALL EXISTING EXTERIOR LIGHTING FIXTURES. REMOVE WIRING AND CONDUIT BACK TO BUILDING FOR RE-USE IN NEW LAYOUT. CONNECT TO NEW EXTERIOR LIGHTING FIXTURES. SEE NEW LAYOUT ON THIS DRAWING. EXTEND CONDUIT AND WIRING AS REQUIRED. COORDINATE ON SITE.

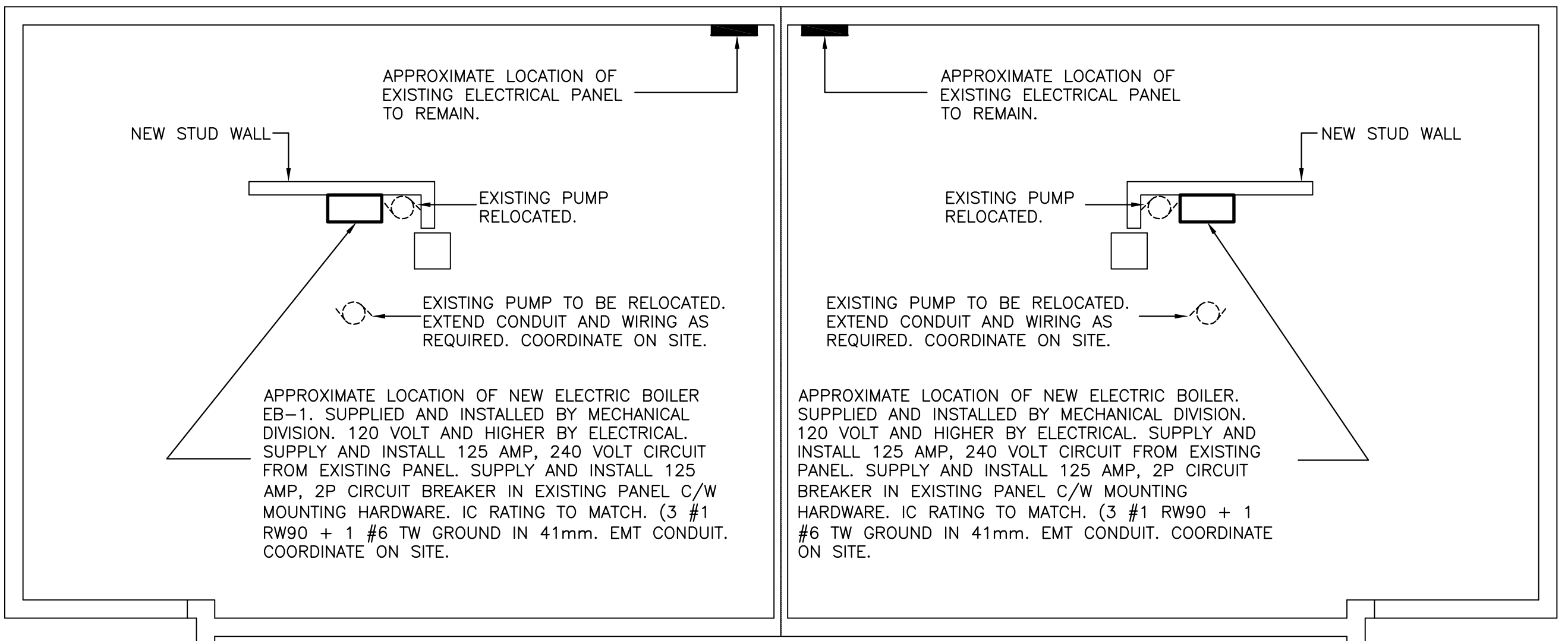
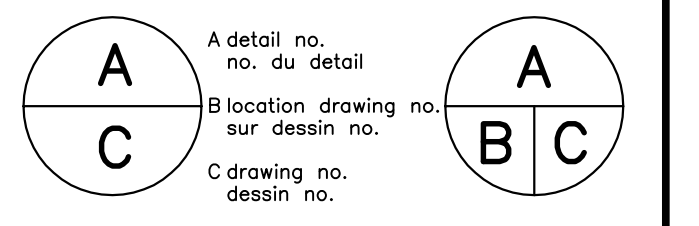
HOUSE NO. 6 & 7 MAIN FLOOR PLAN – ELECTRICAL LAYOUT



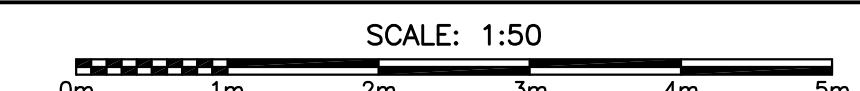
PROVINCE OF NEWFOUNDLAND PERMIT HOLDER Class "A" This Permit Allows CROSSBIE ENGINEERING LIMITED To practice Professional Engineering in Newfoundland and Labrador Permit No. as issued by PEG-NL 00123 which is valid for the year 2016.



0	ISSUED FOR TENDER	MAR. 24 2016
B	ISSUED FOR 100% REVIEW	MAR. 09 2016
A	ISSUED FOR 66% REVIEW	JAN. 28 2016
revisions		date



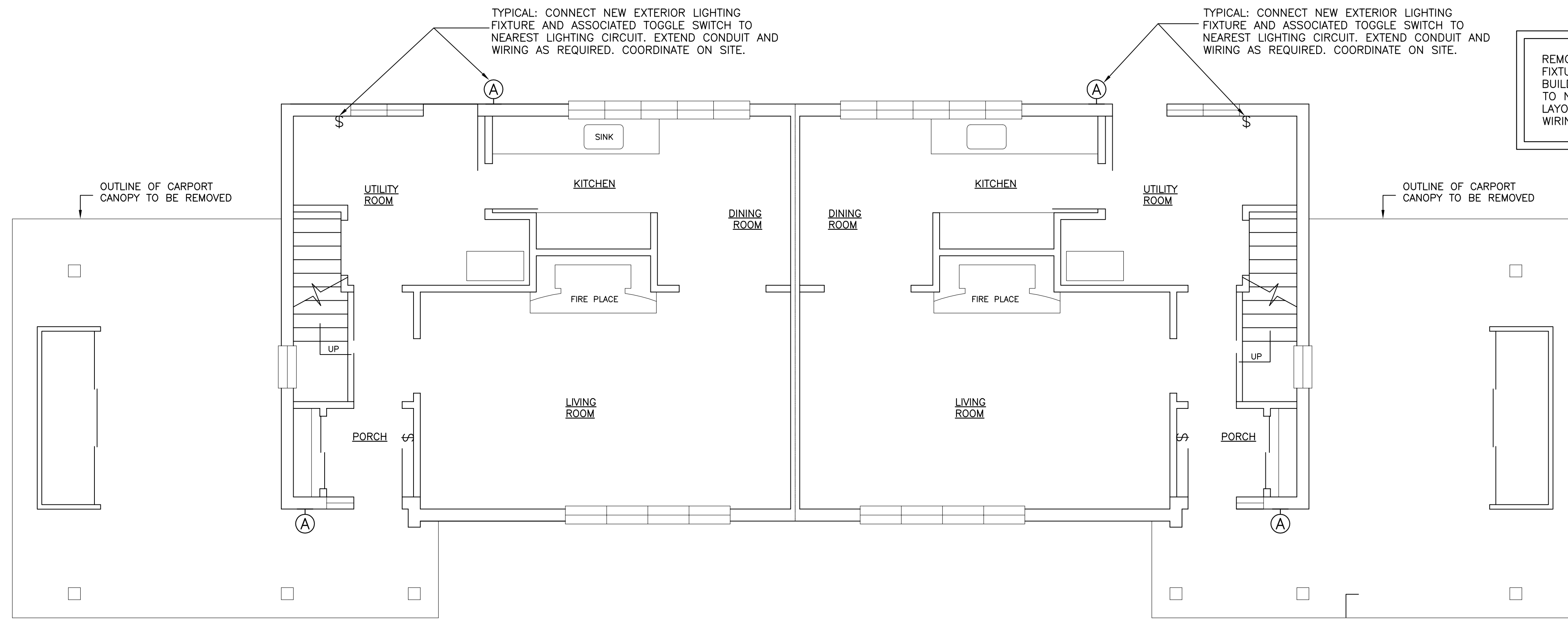
HOUSE NO. 6 & 7 BASEMENT FLOOR PLAN – ELECTRICAL LAYOUT



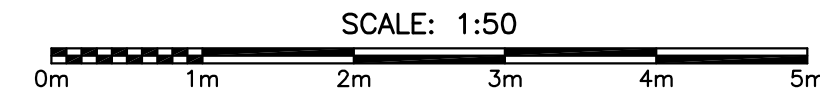
project projet
TERRA NOVA NATIONAL PARK PARK HOUSING RECAPITALIZATION
drawing dessin

HOUSE NO. 6 & 7 ELECTRICAL LAYOUTS

designed K.N.	conçu
date MARCH 2016	
drawn D.R.	dessiné
date MARCH 2016	
approved	approuvé
date	
Tender	Soumission
PWC Project Manager	Administrateur de projets TPC
project number	no. du projet
PRO 000610	
drawing no.	no. du dessin
E3	



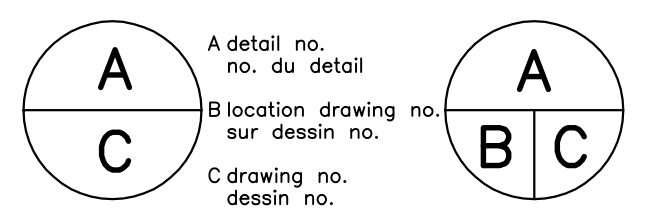
HOUSE NO. 8 & 9 MAIN FLOOR PLAN – ELECTRICAL LAYOUT



PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
Class "A"
This Permit Allows
CROSBIE ENGINEERING LIMITED
To practice Professional Engineering
in Newfoundland and Labrador
Permit No. as issued by PEG-NL 00123
which is valid for the year 2016.



0	ISSUED FOR TENDER	MAR. 24. 2016
B	ISSUED FOR 100% REVIEW	MAR. 09. 2016
A	ISSUED FOR 66% REVIEW	JAN. 28. 2016
revisions		date



project project

TERRA NOVA NATIONAL
PARK
PARK HOUSING
RECAPITALIZATION

drawing dessin

HOUSE NO. 8 & 9
ELECTRICAL LAYOUTS

designed K.N. conçu

date MARCH 2016

drawn D.R. dessiné

date MARCH 2016

approved approuvé

date

Tender Soumission

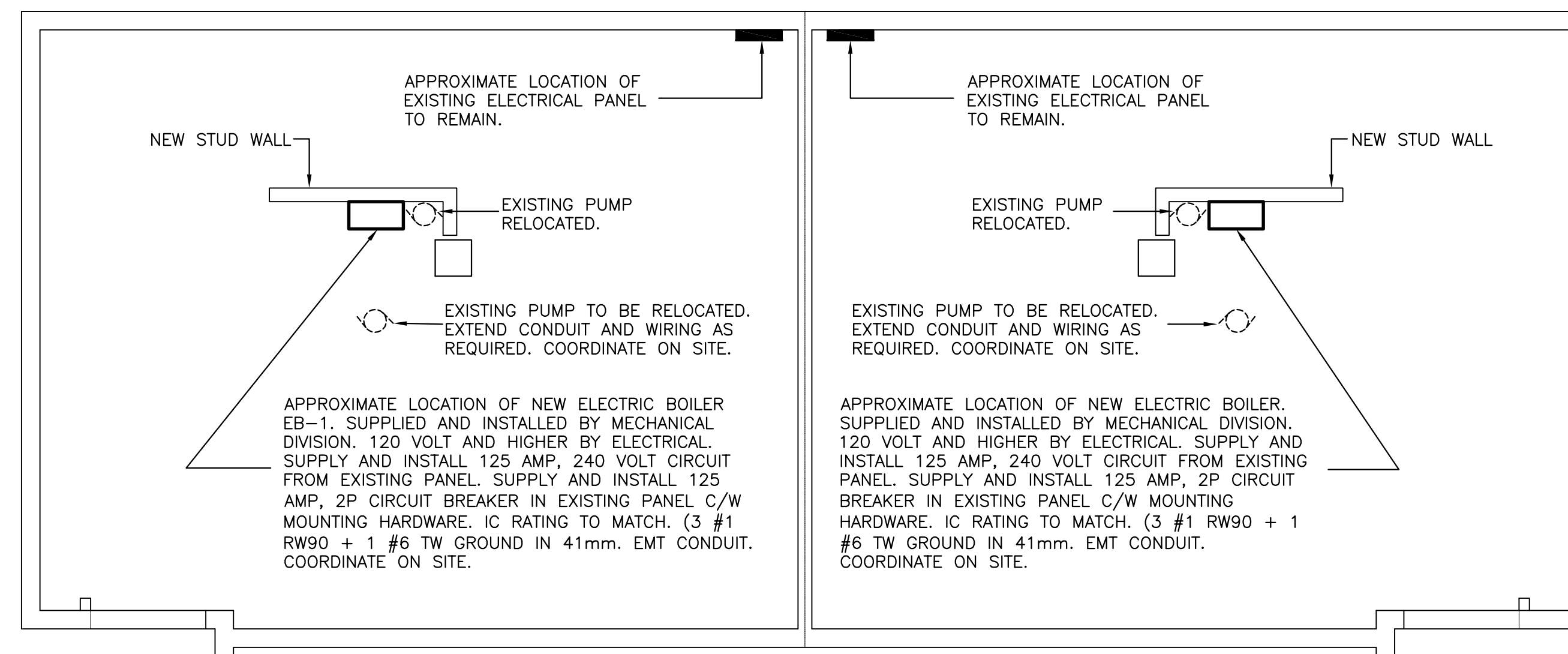
PWC Project Manager Administrateur de projets TPC

project number no. du projet

PRO 000610

drawing no. no. du dessin

E4



HOUSE NO. 8 & 9 BASEMENT FLOOR PLAN – ELECTRICAL LAYOUT

