

STRUCTURAL NOTES

GENERAL

1. ALL CONSTRUCTION IS TO CONFORM TO THE NATIONAL BUILDING CODE OF CANADA (2010).
2. ALL REFERENCES TO CONSTRUCTION STANDARDS NOTED ON THESE DRAWINGS REFER TO THE LATEST REVISED ISSUE.
3. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY CONSTRUCTION BRACINGS AND SUPPORT INCLUDING GEOTECHNICAL REQUIREMENTS UNTIL THE PROJECT IS COMPLETED.
4. GRADES, ELEVATIONS AND SLOPES SHOWN ON DRAWINGS ARE FOR REFERENCE ONLY AND MUST BE CONFIRMED WITH SITE CONDITIONS PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE JOB SITE.

REFERENCED DRAWINGS

1. BUILDING AND SITE LAYOUT IS BASED ON SURVEY DRAWINGS PREPARED BY STANTEC, JOB NUMBER 123312892.300.
2. McELHANNEY HAS RELIED ON THE SURVEY DRAWING AS ACCURATE AND TRUE. McELHANNEY IS NOT RESPONSIBLE FOR ANY ERRORS/OMISSIONS ON THESE DRAWINGS AS A RESULT OF ERRORS OR SUBSEQUENT CHANGES TO THE SURVEY DRAWING SET OR UNKNOWN SITE AND AS-BUILT CONDITIONS.
3. IF SITE CONDITIONS VARY FROM ASSUMED THE ENGINEER SHOULD BE NOTIFIED SUCH THAT CHANGES CAN BE MADE TO THE DESIGN IF REQUIRED.
4. McELHANNEY HAS ASSUMED THAT THE EXISTING BUILDING WAS DESIGNED AND CONSTRUCTED TO BUILDING CODE REQUIREMENTS AT THE TIME OF CONSTRUCTION AND McELHANNEY HAS NOT REVIEWED THE STRUCTURAL COMPETENCY OF THE EXISTING BUILDING STRUCTURE AS SUCH McELHANNEY ACCEPTS NO RESPONSIBILITY FOR THE STRUCTURAL COMPETENCY AND STABILITY OF THE EXISTING STRUCTURE.

FIELD REVIEWS BY McELHANNEY CONSULTING SERVICES LTD.

1. McELHANNEY ASSUMES NO RESPONSIBILITY FOR FIELD REVIEWS OF THE DEMOLITION OR VERIFICATION OF THE DEMOLITION UNLESS EXPRESSLY RETAINED TO DO SO.
2. McELHANNEY CONSULTING SERVICES LTD. (McELHANNEY) MAY PROVIDE FIELD REVIEWS ONLY FOR THE WORK SHOWN ON THESE DRAWINGS. FIELD REVIEWS BY McELHANNEY ARE PERIODIC AND AT THE SOLE DISCRETION OF McELHANNEY IN ORDER TO ASCERTAIN THAT THE WORK IS IN GENERAL CONFORMANCE WITH THE DESIGN DRAWINGS AND SUPPORTING DOCUMENTS.
3. FIELD REVIEWS BY McELHANNEY ARE NOT FOR THE CONTRACTORS BENEFIT NOR DOES IT MAKE McELHANNEY GUARANTORS OF THE CONTRACTORS WORK. IT REMAINS THE CONTRACTORS RESPONSIBILITY TO COMPLETE THE WORK IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.
4. McELHANNEY WILL NOT BE RESPONSIBLE FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUB-CONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
5. FIELD REVIEWS ARE TO BE SCHEDULED AND TO BE CARRIED OUT DURING NORMAL BUSINESS HOURS UNLESS SPECIAL ARRANGEMENTS ARE MADE WITH McELHANNEY.

CIVIL

1. ALL EXISTING ROADS AND GROUND AREAS INCLUDING LANDSCAPING, CULVERTS AND DRIVEWAYS THAT ARE DISTURBED DURING CONSTRUCTION OR BY CONSTRUCTION ACTIVITIES ARE TO BE RETURNED TO PRE-CONSTRUCTION CONDITION OR BETTER AFTER CONSTRUCTION IS COMPLETE.
2. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ALL APPROPRIATE UTILITY COMPANIES FOR LINE LOCATIONS, AND CONTRACTOR SHALL THEN LOCATE ALL UTILITIES (INCLUDING DEPTH). McELHANNEY CONSULTING SERVICES LTD. ASSUMES NO RESPONSIBILITY FOR UTILITY LOCATIONS. ALL EXISTING UTILITIES NOT NOTED ON THESE DRAWINGS SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. UTILITIES THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER OR ENGINEER.
3. THE CONTRACTOR IS TO CONTACT THE CONSULTANT FOR ANY REQUIRED INSPECTIONS. THE CONTRACTOR IS TO NOTIFY THE CONSULTANT 24 HOURS IN ADVANCE OF ANY WORK OR INSPECTIONS. THE CONTRACTOR IS RESPONSIBLE FOR ANY MUNICIPAL PERMITS REQUIRED TO COMPLETE WORK WITHIN THE PUBLIC RIGHT OF WAY.
4. SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER IS NOT RESPONSIBLE FOR SAFETY IN, ON, OR ABOUT THE PROJECT SITE, NOR FOR COMPLIANCE BY THE APPROPRIATE PARTY WITH ANY REGULATIONS RELATING THERETO.
5. TRAFFIC CONTROL DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR.
6. IF ANY GROUNDWATER IS ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
7. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE CHANNELS, CULVERTS AND APPURTENANCES DURING CONSTRUCTION AS NECESSARY TO PROTECT ROADS AND PROPERTY.
8. NO SILT LADEN WATER SHALL BE ALLOWED TO FLOW FROM SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES INCURRED CAUSED BY SILT LADEN WATER LEAVING THE SITE.
9. THE CONTRACTOR SHALL MAINTAIN ACCESS TO FIRE HYDRANTS AND WATER CONNECTIONS THROUGHOUT CONSTRUCTION.
10. NO TREES ARE TO BE REMOVED UNLESS DIRECTED BY ENGINEER.
11. ROAD & UNIT ELEVATIONS ARE METRIC GEODETIC.
12. ANY ROADSIGNS IMPACTED BY CONSTRUCTION TO BE REINSTALLED IN THE SAME LOCATION AND AT THE SAME SIGN HEIGHT AS PRE-CONSTRUCTION. TEMPORARY SIGNAGE MAINTENANCE DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR.



KEY PLAN
SCALE: NTS

STRUCTURAL DRAWING LIST

S101	STRUCTURAL NOTES AND KEY PLAN
S102	EXISTING SITE PLAN
S103	PROPOSED DEMOLITION PLAN BUILDING AND SERVICES
S104	PROPOSED FINISHED SITE PLAN

PERMIT NUMBER: P 6383

DO	ISSUED FOR TENDER	18/01/18
PA	ISSUED FOR 99% REVIEW	22/12/17
REVISIONS	DESCRIPTION	DATE

A	detail number / number du détail	A
B	source drawing no. / de dessin no.	B
C	detail on drawing no. / détail sur dessin no.	C

project title / titre du projet
329 MARTEN STREET DEMOLITION

**329 MARTEN ST, BANFF
BANFF NATIONAL PARK, BANFF AB**

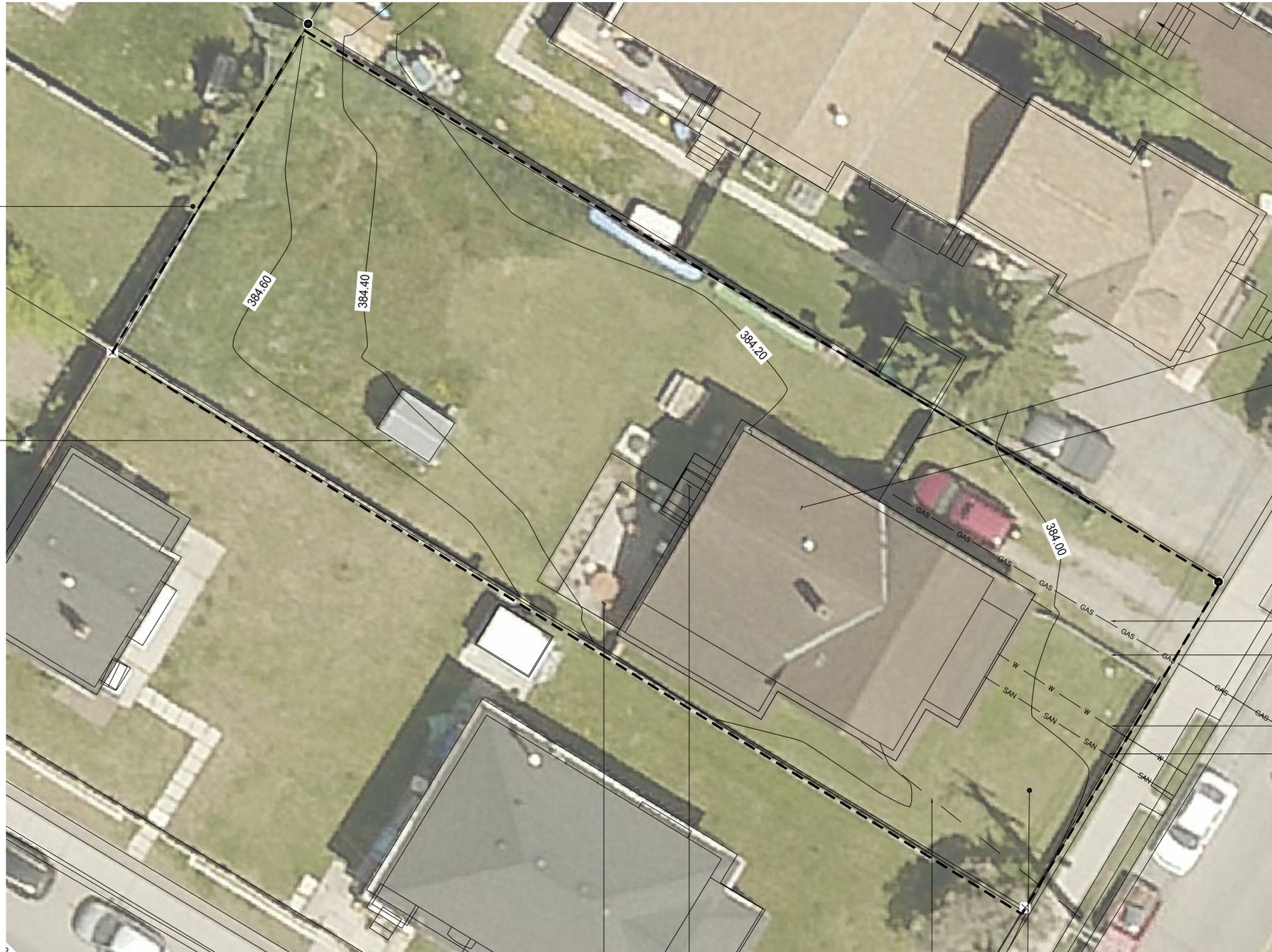
drawing title / titre du dessin
NOTES AND KEY PLAN

designed by / conçu par	RC	conçu par	
drawn by / dessiné par	RC	dessiné par	
approved by / approuvé par	JB	approuvé par	
PWOSC Project Manager / Administrateur de Projets TPSGC	Laurie Macdonald	Administrateur de Projets TPSGC	
scale / échelle	0 1:500 25	sheet / feuille	
project no. / projet no.	MCSL 2531-13507	project no.	S101
date	DECEMBER 2017	date	



EXTENT OF 329 MARTEN ST SITE
 INSTALL PERMANENT FENCE
 ALONG SITE EXTENTS
 FENCE TO BE 1.8m HIGH PAINTED
 TIMBER WITH PLYWOOD PANELS
 INSTALLED VERTICALLY FLUSH
 AND BUTT JOINTED.

EXISTING GREENHOUSE
 FOUNDATIONS



EXISTING FENCE

EXISTING BUILDING

EXISTING GAS LINE *

EXISTING FENCE

EXISTING WATER LINE *

EXISTING SANITARY LINE *

EXISTING PATIO

EXISTING EXTERIOR STAIRS

EXISTING OVERHEAD
 POWER LINES

EXISTING GROUNDWATER MONITORING
 STATION *

A
 S102
EXISTING SITE PLAN
 SCALE: 1:100

NOTE
 * = APPROXIMATE LOCATION. CONTRACTOR IS RESPONSIBLE
 TO LOCATE ALL UNDERGROUND UTILITIES.

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329 MARTEN STREET DEMOLITION

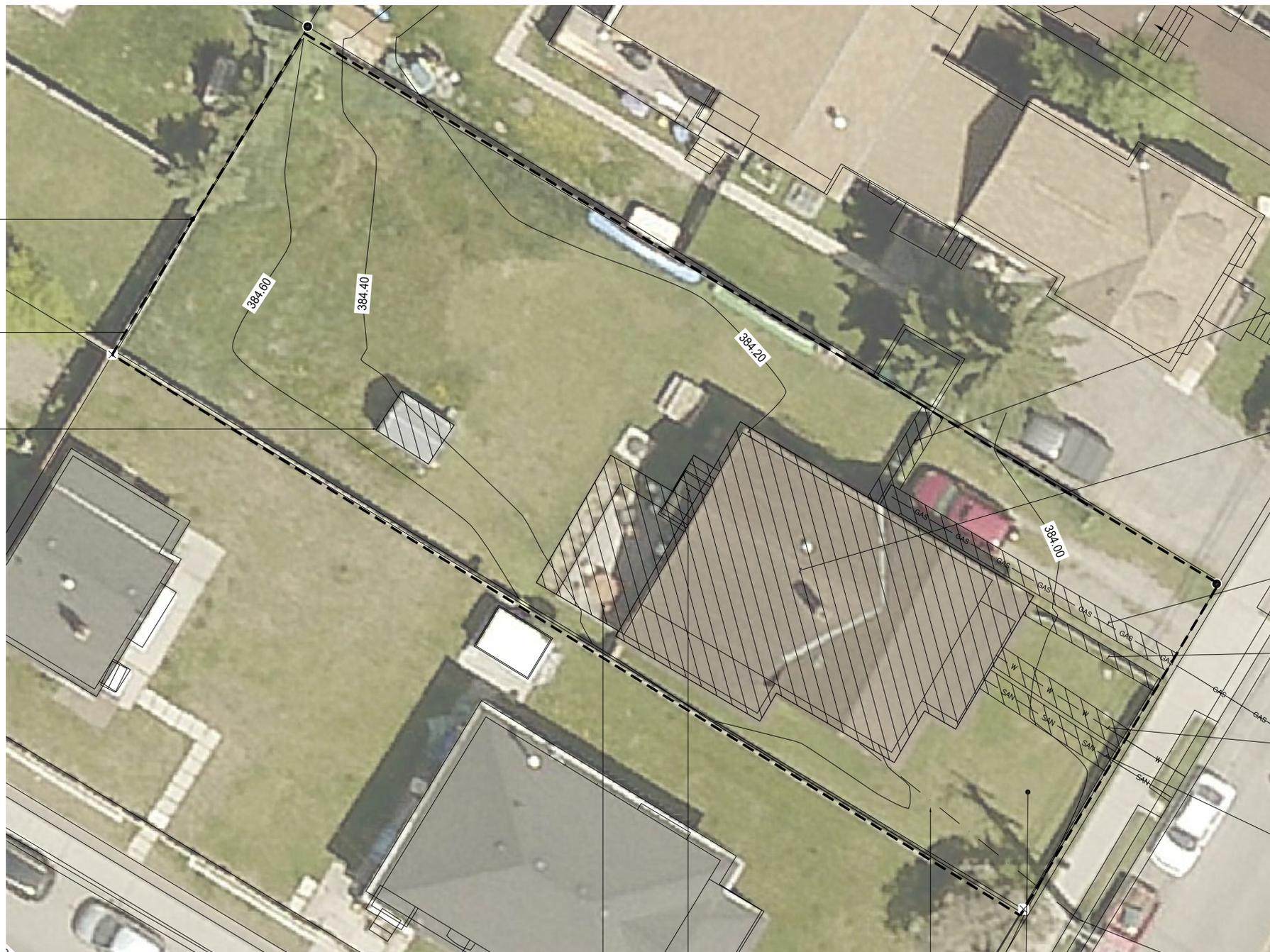
**329 MARTEN ST, BANFF
 BANFF NATIONAL PARK, BANFF AB**

drawing title / titre du dessin
EXISTING SITE PLAN

designed by / conçu par	RC	
drawn by / dessiné par	RC	
approved by / approuvé par	JB	
PWOSC Project Manager / Administrateur de Projets TPSGC	LAURIE MACDONALD	
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date / date	DECEMBER 2017	



PERMIT NUMBER: P 6383



EXTENT OF 329 MARTEN ST SITE

REMOVE AND DISPOSE OF EXISTING FENCE
INSTALL TIMBER CONSTRUCTION FENCE PER S102

EXISTING GREENHOUSE FOUNDATION TO BE DEMOLISHED, REMOVED AND DISPOSED OF. ANY EXCAVATION TO BE BACKFILLED TO ADJACENT EXISTING GROUND LEVELS. BACKFILL MATERIAL TO BE FROM PEYTO PIT AND COMPACTED TO 95% SPMD.

EXISTING FENCE TO BE DECOMMISSIONED, REMOVED AND DISPOSED OF. ANY EXCAVATION TO BE BACKFILLED TO ADJACENT EXISTING GROUND LEVELS. BACKFILL MATERIAL TO BE FROM PEYTO PIT AND COMPACTED TO 95% SPMD.

EXISTING BUILDING INCLUDING SUPERSTRUCTURE AND FOUNDATIONS TO BE DEMOLISHED, REMOVED AND DISPOSED OF. EXCAVATION TO BE BACKFILLED TO ADJACENT EXISTING GROUND LEVELS. BACKFILL MATERIAL TO BE FROM PEYTO PIT AND COMPACTED TO 95% SPMD.

EXISTING GAS LINE TO BE DECOMMISSIONED, REMOVED AND DISPOSED OF. LINE IS TO BE CAPPED AT PROPERTY LINE FOR POTENTIAL REUSE IN FUTURE SITE DEVELOPMENT. LINE SHOULD BE MARKED AT SURFACE SO IT CAN BE FOUND AT A LATER DATE. EXCAVATION TO BE BACKFILLED TO ADJACENT EXISTING GROUND LEVELS. BACKFILL MATERIAL TO BE FROM PEYTO PIT AND COMPACTED TO 95% SPMD.

EXISTING FENCE TO BE DECOMMISSIONED, REMOVED AND DISPOSED OF. EXCAVATION TO BE BACKFILLED TO ADJACENT EXISTING GROUND LEVELS. BACKFILL MATERIAL TO BE FROM PEYTO PIT AND COMPACTED TO 95% SPMD.

EXISTING WATER LINE TO BE DECOMMISSIONED, REMOVED AND DISPOSED OF. LINE IS TO BE CAPPED AT PROPERTY LINE FOR POTENTIAL REUSE IN FUTURE SITE DEVELOPMENT. LINE SHOULD BE MARKED AT SURFACE SO IT CAN BE FOUND AT A LATER DATE. EXCAVATION TO BE BACKFILLED TO ADJACENT EXISTING GROUND LEVELS. BACKFILL MATERIAL TO BE FROM PEYTO PIT AND COMPACTED TO 95% SPMD.

EXISTING SANITARY LINE TO BE DECOMMISSIONED, REMOVED AND DISPOSED OF. LINE IS TO BE CAPPED AT PROPERTY LINE FOR POTENTIAL REUSE IN FUTURE SITE DEVELOPMENT. LINE SHOULD BE MARKED AT SURFACE SO IT CAN BE FOUND AT A LATER DATE. EXCAVATION TO BE BACKFILLED TO ADJACENT EXISTING GROUND LEVELS. BACKFILL MATERIAL TO BE FROM PEYTO PIT AND COMPACTED TO 95% SPMD.

REMOVE AND DISPOSE OF EXISTING TIMBER AND BRICK PATIO

REMOVE AND DISPOSE OF EXISTING EXTERIOR STAIRS

EXISTING OVERHEAD POWER LINES TO BE REMOVED BACK TO POWER POLE

EXISTING GROUNDWATER MONITORING STATION TO BE PROTECTED AND MAINTAINED DURING DEMOLITION

APPROXIMATE POWER POLE LOCATION

PROPOSED DEMOLITION PLAN
SCALE: 1:100

NOTE
ASBESTOS AND LEAD BASED PAINTS ARE PRESENT WITHIN THIS SITE. REVIEW HAZARDOUS MATERIALS SURVEY REPORT COMPLETED BY DF TECHNICAL AND CONSULTING SERVICES LTD, ISSUED OCTOBER 24, 2017 AND UNDERTAKE ALL REQUIRED ABATEMENT METHODS REQUIRED FOR SAFE HANDLING, REMOVAL AND DISPOSAL.
ALL DEMOLISHED MATERIALS ARE TO BE TAKEN TO DESIGNATED LANDFILL. ALL HAZARDOUS MATERIALS ARE TO BE TAKEN TO FACILITIES THAT CAN PROCESS THE HAZARDOUS WASTE AS SPECIFIED IN SPECIFICATION 01 74 21 CONSTRUCTION DEMOLITION WASTE MANAGEMENT AND DISPOSAL.
ANY GARDEN ITEMS/FURNITURE NOT REMOVED BY TENANT ARE TO BE REMOVED BY CONTRACTOR AND DISPOSED OF.

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project title / titre du projet: **329 MARTEN STREET DEMOLITION**

**329 MARTEN ST, BANFF
BANFF NATIONAL PARK, BANFF AB**

drawing title / titre du dessin: **PROPOSED DEMOLITION PLAN BUILDINGS AND SERVICES**

designed by / conçu par: RC	drawn by / dessiné par: RC	approved by / approuvé par: JB
PWOSC Project Manager / Administrateur de Projets TPSGC: Laurie Macdonald		
scale / échelle: 0 1:500 25	sheet / feuille: S103	project no. / projet no.:
project no. / projet no.: MCSL 2531-13507	date / date: DECEMBER 2017	



EXTENT OF 329 MARTEN ST SITE
TIMBER CONSTRUCTION FENCE TO REMAIN IN PLACE FOR FUTURE USE BY OWNER

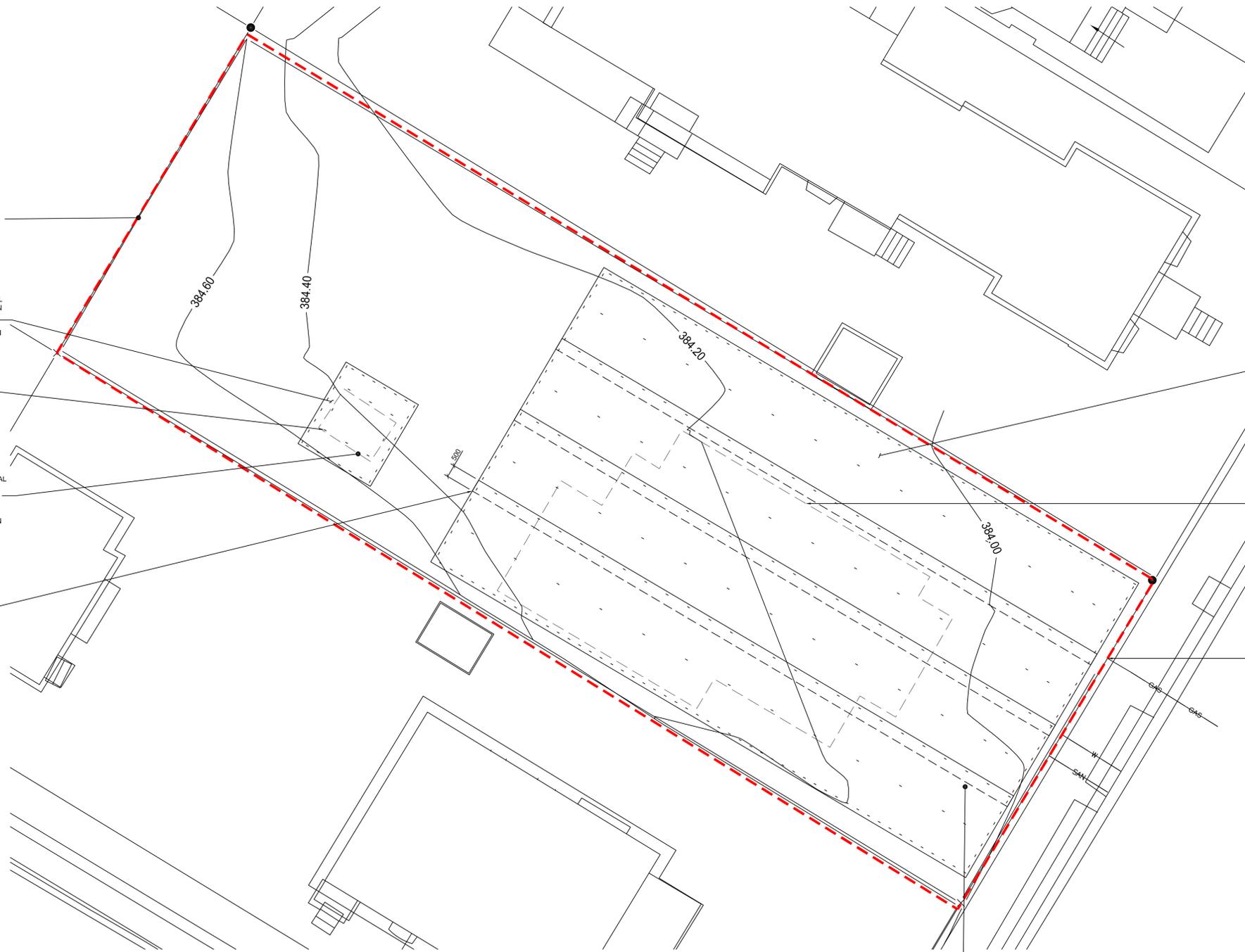
USE NILEX NON WOVEN 4545 GEOTEXTILE OR APPROVED EQUIVALENT TO COVER ALL AREAS OF GROUND WHERE FILL HAS BEEN PLACED/VEGETATION HAS BEEN REMOVED

GEOTEXTILE TO BE HELD DOWN WITH 8" LONG WIRE U SHAPED STAPLES AT:
• 0.5m O/C ALONG PERIMETER

EIGHT (8) STAPLES EVENLY SPACED INTERNALLY

BACKFILL GREENHOUSE EXCAVATION WITH GRANULAR FILL MATERIAL (SUPPLIED BY OWNER). TIE BACKFILLED LEVELS INTO EXISTING GRADES. COMPACT FILL TO 95% SPD. INSTALL TOPSOIL AND SEED IN ACCORDANCE WITH CONSTRUCTION DOCUMENTS

GEOTEXTILE STRIPS TO OVERLAP BY 500mm



USE NILEX NON WOVEN 4545 GEOTEXTILE OR APPROVED EQUIVALENT TO COVER ALL AREAS OF GROUND WHERE FILL HAS BEEN PLACED/VEGETATION HAS BEEN REMOVED

GEOTEXTILE TO BE HELD DOWN WITH 8" LONG WIRE U SHAPED STAPLES AT:
• 0.5m O/C ALONG PERIMETER
• 1m O/C AT OVERLAPS
• 2m O/C ALONG CENTERLINE OF EACH SHEET

BACKFILL BUILDING EXCAVATION WITH GRANULAR FILL (SUPPLIED BY OWNER). TIE BACKFILLED LEVELS INTO EXISTING GRADES. A SMOOTH, CONSISTENT GRADE SHOULD BE USED BETWEEN EXISTING SITE LEVELS. COMPACT FILL TO 95% SPD

BACKFILL ALL UTILITY TRENCHES WITH GRANULAR FILL (SUPPLIED BY OWNER). TIE BACKFILLED LEVELS INTO EXISTING GRADES. COMPACT FILL TO 95% SPD

MARK CAPPED SERVICES WITH A 2"x4" TIMBER PLACED VERTICALLY FROM CAP OF PIPE TO 1.5m ABOVE GROUND. TOP 300mm OF TIMBER TO BE:

- RED - SANITARY
- BLUE - WATER
- GAS - WRITE "GAS" WITH PERMANENT MARKER

IF REMOVED OR DAMAGED DURING DEMOLITION, RE-INSTALL GROUNDWATER MONITORING STATION

PROPOSED FINISHED SITE PLAN
SCALE: 1:100

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project title / titre du projet: **329 MARTEN STREET DEMOLITION**

329 MARTEN ST, BANFF
BANFF NATIONAL PARK, BANFF AB

drawing title / titre du dessin: **PROPOSED FINISHED SITE PLAN**

designed by / conçu par: **RC**

drawn by / dessiné par: **RC**

approved by / approuvé par: **JB**

PWOSC Project Manager / Administrateur de Projets TPSGC: **Laurie Macdonald**

scale / échelle: 0 to 25, 1:500

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S104