

FORT LANGLEY NATIONAL HISTORIC PARK KITCHEN UPGRADE

23433 Mavis Avenue
Fort Langley, British Columbia

DRAWING LIST

- ARCHITECTURAL**
A-00 GENERAL NOTES, PROJECT DATA AND LEGENDS
A-01 SITE PLAN
A-02 EXISTING BASEMENT FLOOR PLAN & REFLECTED CEILING PLAN
A-03 EXISTING GROUND FLOOR PLAN & REFLECTED CEILING PLAN
A-04 SECOND FLOOR PLAN AND ROOF PLAN
A-05 NEW GROUND FLOOR PLAN
A-06 NEW KITCHEN PLAN
A-07 NEW KITCHEN & EXTERIOR DECK REFLECTED CEILING PLAN
A-08 EXISTING AND NEW BUILDING SECTIONS
A-09 EXISTING AND NEW BUILDING ELEVATIONS
A-10 INTERIOR ELEVATIONS
A-11 WASHROOM FLOOR PLANS, REFLECTED CEILING PLANS, AND INTERIOR ELEVATIONS
A-12 DETAILS
A-13 DETAILS
- STRUCTURAL**
S101 GENERAL NOTES
S201 NEW GROUND FLOOR PLAN
S202 ROOF PLAN
S301 NEW BUILDING SECTION & DETAILS
- MECHANICAL**
M-01 COVER PAGE, DRAWING LIST, LEGEND & ABBREVIATIONS
M-02 OPERATIONS BUILDING - PARTIAL FLOOR PLANS FOR BASEMENT, GROUND FLOOR, AND SECOND FLOOR - DEMOLITION - HVAC
M-03 OPERATIONS BUILDING - PARTIAL GROUND FLOOR AND SECOND FLOOR - NEW CONSTRUCTION - HVAC
M-04 BUILDING SECTION AND MECHANICAL DETAILS
P-01 DETAILS, LEGEND, & ABBREVIATIONS
P-02 OPERATIONS BUILDING - PARTIAL FLOOR PLANS FOR BASEMENT AND GROUND FLOOR - DEMOLITION - PLUMBING
P-03 OPERATIONS BUILDING - PARTIAL FLOOR PLANS FOR BASEMENT AND GROUND FLOOR - RENOVATION - PLUMBING
F-01 SITE PLAN, LEGEND, & ABBREVIATIONS
F-02 EXISTING GROUND FLOOR PLAN - FIRE PROTECTION
F-03 PARTIAL GROUND FLOOR PLAN - FIRE PROTECTION
- ELECTRICAL**
E-01 KEY PLANS AND SINGLE LINE DIAGRAM
E-02 KITCHEN AND WASHROOM ELECTRICAL AND LIGHTING PLANS
E-03 EXIST SIGN UPGRADE PLANS
E-04 POWER DISTRIBUTION AND MISCELLANEOUS DETAILS

LIST OF ABBREVIATIONS

| | | | |
|-------------|-----------------------------|-------------|------------------------|
| A.F.F. | ABOVE FIXED FLOOR | SIM. | SIMILAR |
| AHU | AIR HANDLING UNIT | SS | STAINLESS STEEL |
| B/O or B.O. | BOTTOM OF | SVB | SEAMLESS VINYL BASE |
| CG | CORNER GUARD | T/O or T.O. | TOP OF |
| CLF | CHAIN LINK FENCE | TYP. | TYPICAL |
| DC | DUST CONTROL | U.N.O. | UNLESS NOTED OTHERWISE |
| DIA | DIAMETER | U/S | UNDER SIDE |
| EP | ELECTRICAL PANEL | WD | WOOD |
| EXIST | EXISTING | W.P. | WATER PROOFING |
| FD | FLOOR DRAIN | | |
| F/O or F.O. | FACE OF | | |
| F.O.S. | FACE OF STUD | | |
| FRP | FIBREGLASS REINFORCED PANEL | | |
| GWB | GYPSUM WALL BOARD, PAINTED | | |
| HB | HOSE BIB | | |
| NIC | NOT IN CONTRACT | | |
| NTS | NOT TO SCALE | | |
| O.C. | ON CENTER | | |
| OS | OVERFLOW SCUPPER | | |
| P.T. | PRESSURE TREATED | | |
| PLYWD. | PLYWOOD | | |
| R.A.G. | RETURN AIR GRILL | | |
| RB | RUBBER BASE | | |
| RD | ROOF DRAIN | | |
| REV | REVERSE | | |

PROJECT DATA

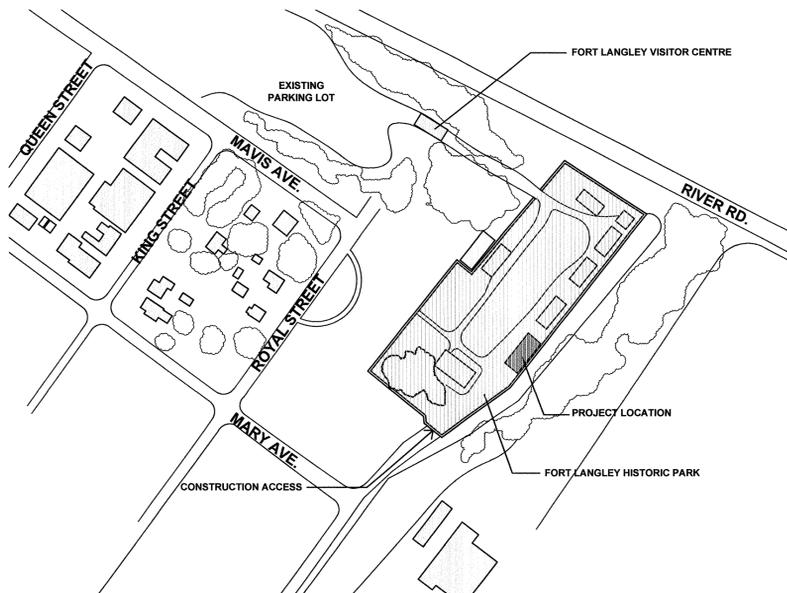
AREA OF EXISTING KITCHEN MAIN FLOOR : 19 S.I. M APPROX.
AREA OF PROPOSED KITCHEN ADDITION : 11 S.I. M APPROX.
NEW AREA OF KITCHEN : 28 S.I. M APPROX.
APPLICABLE BUILDING CODE : NATIONAL BUILDING CODE 2015, PART 3

BUILDING CODE ANALYSIS

BUILDING AREA : 200 S.I. M APPROX.
BUILDING HEIGHT : 2 STOREYS.
OCCUPANCY USE :
MAIN FLOOR : RESTAURANT (GROUP A2 ASSEMBLY)
2ND FLOOR : OFFICE (GROUP D)
BUILDING CODE CLASSIFICATION :
GROUP A2 ASSEMBLY : 3.2.2.2
GROUP D OFFICE : 3.2.2.83
CONSTRUCTION TYPE : COMBUSTIBLE CONSTRUCTION
SPRINKLER : PROVIDED ACCORDING TO NFPA 13
FIRE SEPARATION BETWEEN GROUP A & D : 1HR FRR
KITCHEN VENTILATION : PROVIDED ACCORDING TO NFPA 96

PROJECT TEAM

| | |
|-----------------|--|
| CLIENT | PARKS CANADA |
| PROJECT MANAGER | PUBLIC SERVICES AND PROCUREMENT CANADA |
| ARCHITECT | CHERNOFF THOMPSON ARCHITECTS |
| STRUCTURAL | CVMM CONSULTING ENGINEERS LTD. |
| MECHANICAL | INTEGRAL GROUP |
| ELECTRICAL | WESTERN ELEMENT ENGINEERING INC. |



1 SITE LOCATION PLAN
A-00 N.T.S.

ARCHITECTURAL SYMBOLS

| | |
|--|-----------------------------------|
| | DRAWING IDENTIFICATION |
| | GRID LINES |
| | ELEVATION/SECT. MARKERS |
| | SECTION MARKERS |
| | BUILDING SECTION |
| | INTERIOR ELEVATION MARKERS |
| | DETAIL REFERENCE |
| | PLAN ELEVATION MARKERS |
| | WALL TYPE IDENTIFICATION |
| | WINDOW TYPE IDENTIFICATION |
| | DOOR NUMBER IDENTIFICATION |
| | ROOM NAME & NUMBER IDENTIFICATION |
| | SCHEDULE REFERENCE |
| | CEILING HEIGHT IDENTIFICATION |
| | CONSTRUCTION NOTE REFERENCE |

ROOF TYPE

| | |
|--|--|
| | TYPICAL NEW ROOF ASSEMBLY - CEDAR SHAKES - BREATHABLE INTERLACED ROOFING UNDERLAYMENT - 19mm x 89mm P.T. WOOD STRAPPING @ 150mm O.C. (PERPENDICULAR TO ROOF SLOPE) - 19mm x 89mm P.T. WOOD STRAPPING (INSTALLED OVER EXISTING NAILERS @600mm O.C.) - CONTINUOUS SELF-ADHESIVE ROOFING UNDERLAYMENT - RECOVERY BOARD - 25mm RIGID INSULATION - 50mm x 100mm WOOD NAILERS - 100mm RIGID INSULATION - SELF ADHERED VAPOUR BARRIER - PLYWOOD SHEATHING - STEEL DECK & STEEL STRUCTURE |
|--|--|

WALL TYPE

| | |
|--|--|
| | TYPICAL NEW EXTERIOR WALL - WOOD SIDING (300W X 64 THICK TO MATCH EXISTING) - 1X2 PT WOOD STRAPPING AT 400 O.C. - COMMERCIAL HOUSE WRAP - 12.5mm PLYWOOD SHEATHING - 38x140mm WOOD STUD @ 400mm O.C. - SPRAY-APPLIED POLYURETHANE INSULATION - GAP AS NEEDED TO LINE UP WITH INTERIOR FACE - 92mm STEEL STUD @ 400mm O.C. - 16mm THICK MOISTURE RESISTANT GWB - WALL FINISH |
| | TYPICAL NEW EXTERIOR WALL - WOOD SIDING (300W X 64 THICK TO MATCH EXISTING) - 1X2 PT WOOD STRAPPING AT 400 O.C. - COMMERCIAL HOUSE WRAP - 12.5mm PLYWOOD SHEATHING - 38x140mm WOOD STUD @ 400mm O.C. - SPRAY-APPLIED POLYURETHANE INSULATION - AIR GAP (TO LINE UP WITH WALL TYPE EW3) - 64mm STEEL STUD @ 400mm O.C. - 16mm MOISTURE RESISTANT GWB - WALL FINISH |
| | TYPICAL EXISTING EXTERIOR WALL FURRING - EXISTING WALL ASSEMBLY - 38X89 WOOD STUD INSTALLED FLAT AT 400 O.C. SECURED TO EXISTING WOOD STUD (REFER TO DETAIL DRAWING) - 16 THICK MOISTURE RESISTANT GWB - WALL FINISH |
| | TYPICAL INTERIOR WALL - VERTICAL WOOD SIDING TO MATCH EXISTING (SERVICE AREA SIDE) - 12mm THICK GWB - 38X89 WOOD STUD AT 400 O.C. - FILL WALL CAVITY WITH ACOUSTIC BATT. INSULATION - 6mm GAP - 64mm STEEL STUD @ 400mm O.C. - 16mm MOISTURE RESISTANT GWB - WALL FINISH |
| | TYPICAL INTERIOR FURRING WALL - EXISTING WALL ASSEMBLY - 6mm GAP - 64mm STEEL STUD @ 400mm O.C. - 16mm MOISTURE RESISTANT GWB - WALL FINISH |
| | 1HR FRR SHAFT WALL TYPICAL (ULC W446 SYSTEM E&F) - 25.4mm FIRE RATED GYPSUM LINER PANEL - 64mm C-H STUDS @100mm ON CENTER - 16mm THK TYPE 'X' GWB |
| | TYPICAL INTERIOR CAVITY WALL - 12mm THK GWB - 38X89mm WOOD STUD @ 400 O.C. - FILL WALL CAVITY WITH ACOUSTIC BATT. INSULATION - CAVITY TO HOUSE PLUMBING AND ELECTRICAL - 64mm STL STUD @ 400 O.C. - 16mm THK MOISTURE RESISTANT GWB |

FLOOR TYPE

| | |
|--|--|
| | TYPICAL CONCRETE SLAB ON GRADE - REINFORCED CONCRETE SLAB ON GRADE - 10MIL POLY VAPOUR BARRIER - 50mm THK RIGID INSULATION - CRUSHED GRAVEL AS PER GEOTECHNICAL RECOMMENDATION |
| | TYPICAL EXTERNAL DECK - 64 X 140 CEDAR PLANKS - 38 X 140 WOOD JOIST (REFER TO STRUCTURAL DRAWINGS) - EXISTING GRADE |
| | TYPICAL EXTERNAL DECK - 64 X 140 CEDAR PLANKS - 38 X 140 WOOD JOIST (REFER TO STRUCTURAL DRAWINGS) - REINFORCED CONCRETE SLAB ON GRADE - 10MIL POLY VAPOUR BARRIER - 50MM THK RIGID INSULATION - CRUSHED GRAVEL |

GENERAL DEMOLITION NOTES

- DEMOLITION DRAWING ONLY SHOWS THE GENERAL SCOPE OF DEMOLITION. ALSO REFER TO OTHER ARCHITECTURAL DETAIL DRAWINGS, MECHANICAL & ELECTRICAL DRAWINGS FOR SCOPE OF DEMOLITION WORKS REQUIRED TO PRODUCE NEW LAYOUT. CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING AND CARRYING OUT ALL NECESSARY DEMOLITION NOT SHOWN IN THE DEMOLITION PACKAGE IN ORDER TO CONSTRUCT NEW LAYOUT.
- ALL DEMOLISHED MATERIAL AND DEBRIS TO BE REMOVED PROMPTLY FROM SITE AND DISPOSED OF IN A LEGAL MANNER.
- DEMOLISH WALL AS NECESSARY TO REMOVE ABANDONED ELECTRICAL AND MECHANICAL SERVICES.
- MAKE GOOD DAMAGED AREA AND FIXTURES OR REPLACED WITH NEW WHICH ARE TO BE RETAINED AS SHOWN IN DRAWING.
- COMPLY WITH ALL BYLAWS AND ACQUIRE ALL NECESSARY PERMITS.
- COMPLY WITH ALL WORKER'S COMPENSATION BOARD OF BC. ACCIDENT PREVENTION REGULATIONS.
- HAND OVER AND STORE THE SPECIFIED SALVAGED MATERIAL AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE.
- DEMOLISH ALL EXPOSED & HIDDEN ELECTRICAL, MECHANICAL & PLUMBING FIXTURES, ENCLOSED CONDUITS AND PIPINGS, & OTHER FIXTURES AND FINISHES ASSOCIATED WITH DEMOLITION OF WALLS AND FLOORS.
- REMOVE ALL EXISTING FINISHES WHICH ARE NOT INDICATED AS EXISTING TO STAY. MAKE GOOD AND LEVEL SUBSTRATE TO RECEIVE NEW FINISHES.
- CREATE OPENINGS ON WALLS / FLOORS AND CEILINGS NECESSARY FOR THE PENETRATION OF ALL NEW MECHANICAL, PLUMBING AND ELECTRICAL SERVICES.

GENERAL CONSTRUCTION NOTES:

- THESE NOTES APPLY TO ALL DRAWINGS.
- COPYRIGHT DRAWING AND DESIGN, AND SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION.
- CHECK AND VERIFY ALL DIMENSIONS ON SITE AND REPORT ALL ERRORS AND OMISSIONS TO THE CONSULTANT PRIOR TO COMMENCING WORK.
- THESE DRAWINGS ARE NOT TO BE SCALED.
- ALL MATERIALS TO MEET FLAME SPREAD RATING REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION, CURRENT NBC & RELATED CODES & AMENDMENTS.
- ALL WORK TO BE COMPLETED TO MEET THE APPLICABLE BUILDING CODES, LOCAL HEALTH AND FIRE REGULATIONS.
- ALL WALL DIMENSIONS ARE TO THE CENTRE LINE OF STUD UNLESS OTHERWISE NOTED.
- TOUCH UP AND MAKE GOOD ALL EXISTING WALLS TO REMAIN, SUITABLE TO RECEIVE NEW PAINT FINISH.
- PROVIDE CONTINUOUS PLYWOOD BACKING IN WALLS FOR ALL ITEMS SECURED TO WALLS
- FIRESTOP ALL EXISTING AND NEW SERVICE PENETRATIONS THROUGH FLOOR SLABS AND VERTICAL FIRE SEPARATION. FIRE STOPPING TO ULC STANDARDS
- PROVIDE GPR OR X-RAY SCAN TO EXISTING SLAB AND CONCRETE WALL PRIOR TO CORING OR SLAB CUTTING.
- ALL INTERIOR PARTITIONS TO BE CONSTRUCTED TO THE UNDERSIDE OF GWB CEILING UNLESS NOTED OTHERWISE.
- ALL FIRE SEPARATION TO BE CONSTRUCTED TO THE U/S OF STRUCTURAL DECK AND/OR TERMINATE AT AN EXTERIOR WALL OR WINDOWS.
- ALL GWB TO BE 16mm THICK MOISTURE RESISTANT.
- WALL TYPES ARE TO BE CONTINUOUS ABOVE & BELOW WINDOWS AND DOORS U.N.O.



| Revision/Revisión | Description/Description | Date/Date |
|-------------------|-------------------------|------------|
| 2 | ISSUED FOR 100% CD | 2017/11/30 |
| 1 | ISSUED FOR 90% CD | 2017/11/29 |
| 0 | ISSUED FOR ID | 2017/08/11 |

Client/client
PARKS CANADA

Project title/Titre du projet
**23433 Mavis Avenue
Fort Langley, British Columbia**
**FORT LANGLEY NATIONAL HISTORIC PARK
KITCHEN UPGRADE**

Consultant Signature Only
Designed by/Concept par
T.Y.
Drawn by/Dessiné par
PWGSC Project Manager/Administrateur de Projets TPSGC
TOM DUNPHY
Regional Manager, Architectural and Engineering Services
Gestionnaire régionale, Services d'architecture et de génie, TPSGC
PREETIPAL PAUL

Drawing title/Titre du dessin
**GENERAL NOTES, PROJECT DATA
AND LEGENDS**

| | | |
|--|---|--|
| Project No./No. du projet R.081108.001 | Sheet/Feuille A-00 1 OF 14 | Revision no./ La Révision no. 2 |
|--|---|--|