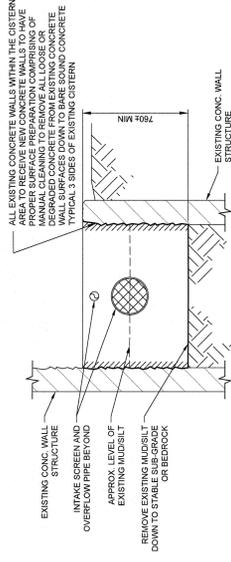
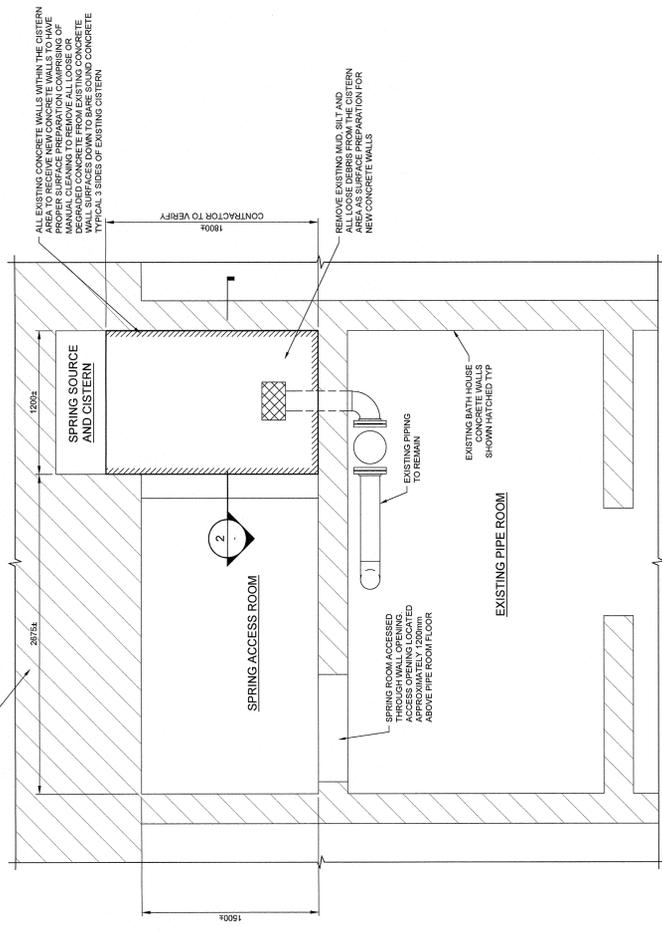


DEMOLITION GENERAL NOTES:

- A. DESIGN LOADS AND SPECIFICATIONS:
1. CANCSA A23.3 "DESIGN OF CONCRETE STRUCTURES" FOR CONCRETE MATERIALS AND METHODS OF CONSTRUCTION"
 2. CANCSA "CODE OF PRACTICE FOR SAFETY IN CONSTRUCTION"
 3. CANCSA "CODE OF PRACTICE FOR SAFETY IN CONSTRUCTION"
 4. ALBERTA BUILDING CODE, LATEST EDITION
2. CONTRACTOR SHALL CHECK ALL DIMENSIONS AND COMPATIBILITY. ANY DISCREPANCIES OR DESIRED MODIFICATIONS SHALL BE BRANCHED TO THE OWNER. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH THE ALBERTA BUILDING CODE LATEST EDITION.
- B. COORDINATION
1. ALL DIMENSIONS ON THE DRAWINGS ARE IN MILLIMETERS (mm), UNLESS NOTED OTHERWISE
- C. DEMOLITION
1. ALL DEMOLITION TO BE DONE BY HAND METHODS WHERE PRACTICAL TO REDUCE DAMAGE TO EXISTING CONCRETE AND REINFORCEMENT.
 2. EQUIPMENT AND METHODS FOR CONCRETE DEMOLITION AND REMOVAL MUST NOT INCLUDE VIBRATIONS THAT MAY CAUSE DAMAGE TO ADJACENT STRUCTURES.
 3. TIMBER DECKING REMOVED FOR CONSTRUCTION ACCESS AT SPRING IS TO BE REMOVED IN A MANNER THAT WILL MAINTAIN THE TIMBERS AND ALLOW FOR RE-INSTALLATION.



SECTION #1
SPRING #1
CLEANING/DEMOLITION



- SPRING #1 SUGGESTED CONSTRUCTION SEQUENCE NOTES**
1. INSTALL A SMALL COFFERDAM OR BARRIER AND BYPASS PUMP TO DIVERT SPRING WATER FROM WORK AREA.
 2. DIRECT ALL SPRING WATER TO SULPHUR CREEK SPRINGS WITHOUT PASSING THROUGH THE EXISTING INTAKE STRUCTURE WITHOUT DURATION OF NEW CONSTRUCTION. SPRING WATER WITH MUDSILT CANNOT BE ALLOWED TO ENTER SULPHUR CREEK.
 3. REMOVE EXISTING INTAKE STRUCTURE AND DISCHARGE TO THE GROUND.
 4. CLOSE SPRING WATER SUPPLY VALVE IN SPRING ROOM.
 5. REMOVE EXISTING INTAKE SCREEN AND INSTALL A TEMPORARY CONCRETE WALL TO PREVENT ANY DEBRIS FROM ENTERING PIPE DURING CONSTRUCTION.
 6. REMOVE ALL MUD, SILT AND LOOSE DEBRIS FROM WITHIN THE CONTRACTOR WHERE TO PLACE ALL REMOVED MUD AND DEBRIS TO BE PLACED IN A CONTAINER TO BE REMOVED FROM THE SITE.
 7. THROUGHLY CLEAN ALL EXISTING CONCRETE WALL SURFACES IN CONTACT WITH NEW CONCRETE WALLS TO BE CONCRETE TO SUITE NEW CONCRETE WALL THICKNESS.
 8. REMOVE EXISTING BYPASS PIPE, WOOD WALL WITHIN SPRING ROOM, REINFORCE AND PLACE NEW CONCRETE AS PER CONCRETE FORMING TO REMAIN IN PLACE FOR MINIMUM 7 DAYS.
 9. REINSTALL INTAKE SCREEN, COFFERDAM BARRIERS SLOWLY ALLOWING CREEPER TO FILL WITH MINIMAL DISTURBANCE.
 10. ALLOW CREEPER TO ALLOW WATER SETTLE AND INTAKE OVERFLOWER TO ALLOW WATER SETTLE IN SPRING ROOM.
 11. OPEN SPRING WATER VALVE IN SPRING ROOM.
 12. RETURN SPRING WATER TO WORKING ORDER.

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APREGA Permit to Practice P 3979

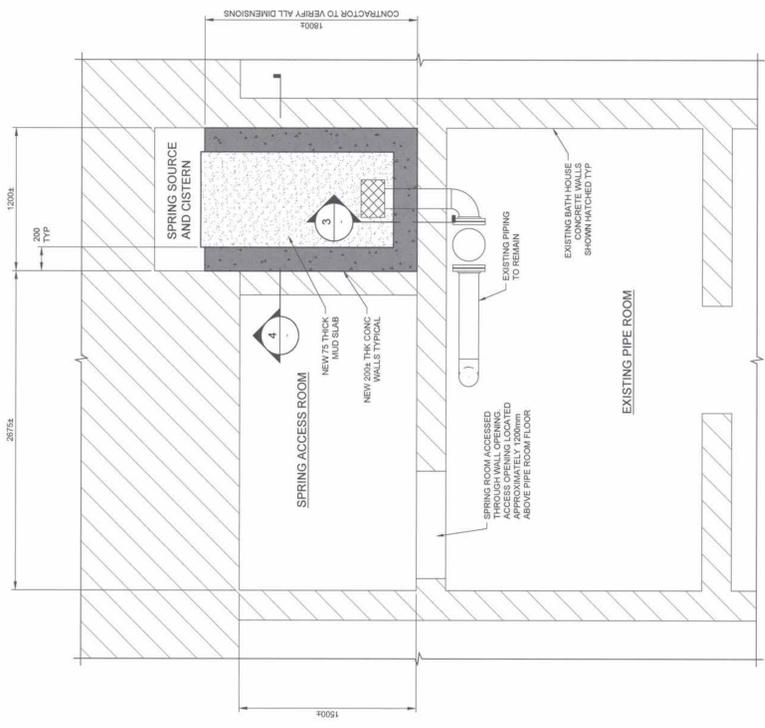
No.	Date/Issue	Description/Revision	Revision / Modifcation
0	20150720	ISSUED FOR TENDER	SR 05
1	20150825	ISSUED FOR 50% REVIEW	SR 05

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 Email: info@ae.ca

Client/Client
 Parks Canada
 L'Agence Parcs
 Canada
 Western and
 Northern Region
 du Canada

Project Title/Titre du projet
**MIETTE HOT SPRINGS
 SPRING SOURCE AND
 INTAKE CISTERN REPAIR
 JASPER NATIONAL PARK**

Drawn by/Dessiné par	S. ROSE	Date/Date	2015Aug11
Designed by/Conçu par	M. PALLSEN	Scale/Echelle	AS SHOWN
Checked by/Vérifié par	M. PALLSEN	Project No./No. du projet	3
Client Acceptance/Acceptation du client	Approved by/Approuvé par	Project No./No. de référence de dessin	S-03



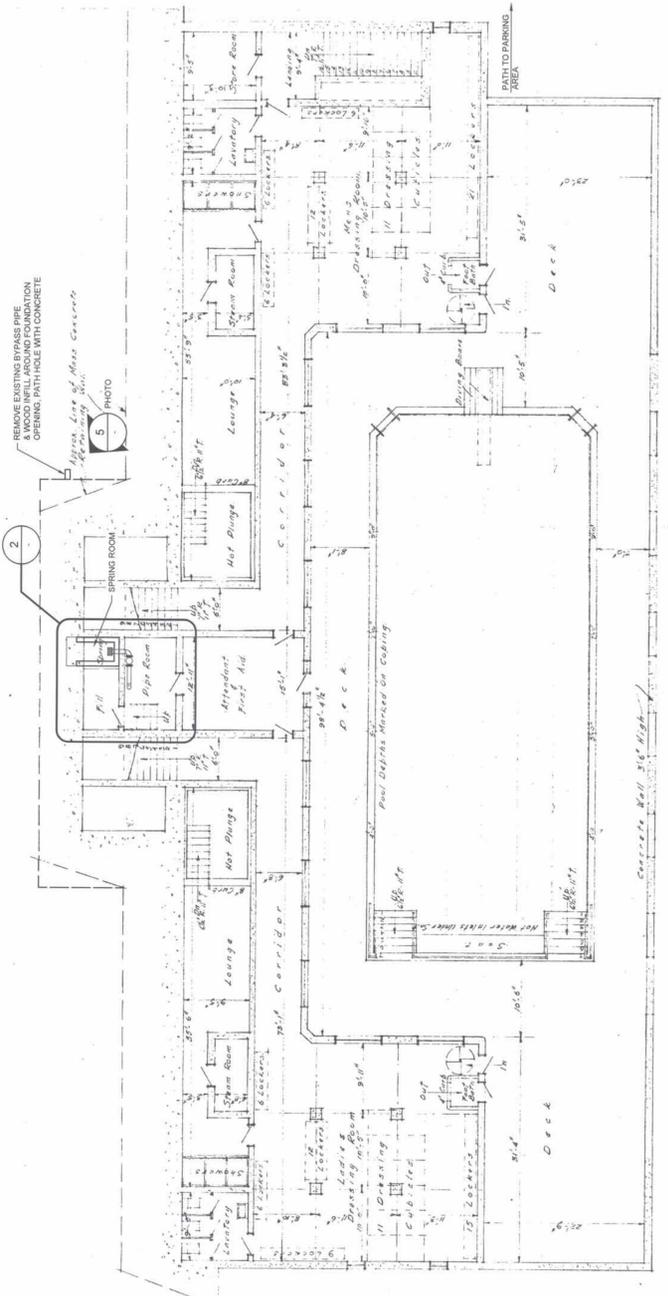
2 - DETAIL 1:20
 SPRING ROOM PLAN

REMOVE EXISTING WOOD INFILL AND ALL
 LOOSE CONCRETE WITHIN FOUNDATION
 APPROXIMATELY 1200mm
 ABOVE PIPE ROOM FLOOR

NOTE:
 CONTRACTOR TO INFORM ENGINEER FOR
 REPAIR TO PLACEMENT OF CONCRETE PATCH
 REMOVE EXISTING BYPASS PIPE

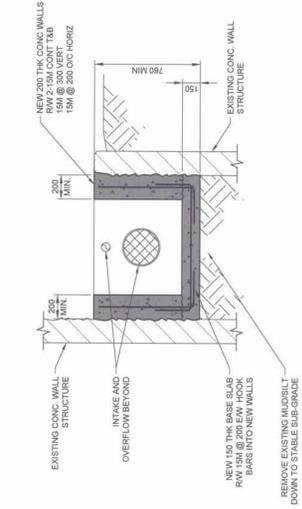


6 - PHOTO 1:20

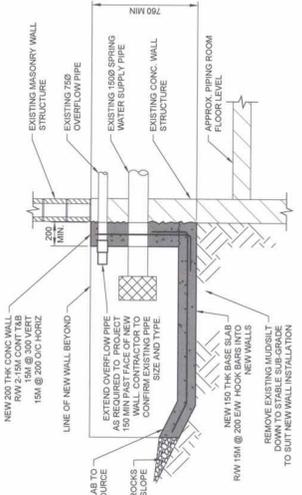


1 - PLAN 1:100
 ORIGINAL BATHHOUSE

CONCRETE WALL 150mm HIGH



4 - SECTION 1:20



3 - SECTION 1:20

- GENERAL NOTES:**
- A. DESIGN/LOADS AND SPECIFICATIONS:
1. REFERENCE SPECIFICATIONS:
 2. CANADIAN CONCRETE INSTITUTIONS' CANADA A23.1 "CONCRETE MATERIALS AND METHODS OF CONSTRUCTION"
 3. CANADIAN CONCRETE INSTITUTIONS' CANADA A23.3 "PRACTICE FOR SAFETY IN DEMOLITION OF CONCRETE STRUCTURES"
 4. ALBERTA BUILDING CODE, LATEST EDITION
- B. REINFORCED CONCRETE:
1. ALL CONCRETE REINFORCEMENT IN ACCORDANCE WITH CSA S408 AND CSA A23.1.
 2. ALL REINFORCING BARS TO BE STAINLESS STEEL REINFORCEMENT APPROVED EQUAL.
 3. DISPLACEMENT DURING CONCRETE PLACING SUPPORT SHALL BE STAINLESS STEEL MARKERS AND THE RECOMMENDATIONS OF REINFORCING STEEL MANUAL OF STD PRACTICE (REINFORCING STEEL MANUFACTURER'S LITERATURE).
 4. USE CLASS B 90 LUCE UNLESS SHOWN OTHERWISE ON DRAWINGS.
 5. COVER SHALL BE 50mm COVER FOR REINFORCEMENT UNLESS NOTED OTHERWISE.
- C. TIMBER:
1. DESIGN, FABRICATION, ERECTION AND OTHER CONSTRUCTION ALL NON-ENGINEERED WOOD TO BE SPF NO. 1 AND 2 AND BE PRESSURE TREATED TO MEET THE CURRENT PERFORMANCES CANCSA 38 AND MEETING THE TREAT OF THE CURRENT PERFORMANCES CANCSA 38 AND CANCSA 38. ALL TIMBER FASTENERS TO BE STAINLESS STEEL.

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- COORDINATION
1. ALL DIMENSIONS ON THE DRAWINGS ARE IN MILLIMETERS (mm), UNLESS NOTED OTHERWISE

