

086DL049

FILE NAME:

DATE: 2013-03-24

SHEET TITLE: PLAN & FOUNDATION WALL REPAIR

PROJECT NO: 2013-009

ADDRESS: 886 DALHOUSIE DR

**DRAWING NOTES:**

1. THE STRUCTURAL RENOVATION HAS BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2011 MANITOBA BUILDING CODE.
2. DESIGN LOADS ARE SHOWN ON THE DRAWINGS. IMPORTANCE FACTOR -  $I_a = I_w = 1.0$
3. DO NOT SCALE DRAWINGS.
4. VERIFY ALL DIMENSIONS SHOWN PRIOR TO COMMENCING CONSTRUCTION.
5. LOCATE UNDERGROUND SERVICES AND PROTECT THEM AT ALL TIMES DURING CONSTRUCTION.
6. STRUCTURAL DRAWINGS SHOWING THE COMPLETED STRUCTURE DO NOT INDICATE COMPONENTS WHICH MAY BE NECESSARY FOR SAFETY DURING CONSTRUCTION.

**CONCRETE SLAB ON GRADE**

1. PRIOR TO INSTALLING SLAB, REMOVE ALL ORGANIC & SOFT SUBGRADE MATERIAL.
2. GRANULAR SUBBASE: FILL ALL Voids AND/LOW AREAS WITH CLEAN WELL DRAINED GRANULAR FILL COMPACTED TO A MINIMUM 95% MODIFIED PROCTOR DENSITY. INSTALL & COMPACT IN 6 INCH MAXIMUM LIFTS.
3. COMPACT SUB-GRADE PRIOR TO INSTALLING GRANULAR BASE.
4. GRANULAR BASE: INSTALL "A" BASE TO LEVELS AS INDICATED ON THE DRAWINGS. INSTALL AND COMPACT IN 6 INCH MAXIMUM LIFTS TO A MINIMUM 95% MODIFIED PROCTOR DENSITY.
5. THAW ALL FROZEN GROUND PRIOR TO INSTALLING GRANULAR MATERIAL.
6. ALL CONCRETE TO BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH CAN/CSA A23.1-04.
7. SUPPLEMENTARY CEMENTITIOUS MATERIALS TO CAN/CSA - A3000 CEMENTITIOUS MATERIALS COMPENDIUM.
8. CHEMICAL ADMIXTURES TO ASTM C494 AND ASTM C1017.
9. GENERAL CONTRACTOR TO PROVIDE PROPRIETARY MIX DESIGN PERFORMANCE RECORD AS REQUIRED BY THE MANITOBA READY MIX ASSOCIATION.
10. CONCRETE MIX GUIDELINES ARE AS FOLLOWS:

INTERIOR SLABS: EXPOSURE CLASS: N  
 CEMENT TYPE: GJ  
 MINIMUM CONCRETE STRENGTH: 25MPA  
 MAXIMUM AGGREGATE SIZE: 20 MM  
 AIR CONTENT CATEGORY: 1/A

11. CONCRETE SLAB FINISHES: TROWEL FINISH FOR INTERIOR SLABS.
12. CONCRETE CURING SHALL BE DONE THROUGH THE USE OF A CURING COMPOUND.
13. PROVIDE CONCRETE TESTING IN ACCORDANCE WITH CAN/CSA A23.1.
14. ALL REINFORCING STEEL TO BE CSA G30.19 M 400 MPa. ALL REINFORCING TO BE DETAILED IN ACCORDANCE WITH LATEST EDITION OF ACI DETAILING MANUAL, UNLESS OTHERWISE NOTED.
15. ALL REINFORCING TO BE HELD IN PLACE AND TIED WITH PROPER ACCESSORIES, SUCH AS HI-CHAIRS AND SPACERS. SUPPLY AND DETAIL ALL ACCESSORIES. HI-CHAIRS TO HAVE 4 LEGS AND TO BE STAPLED OR NAILED TO THE FORMWORK.

**SELECTIVE DEMOLITION**

1. REMOVE ITEMS AND MATERIALS WHERE SHOWN ON DRAWINGS. REMOVE ONLY MATERIALS REQUIRED TO ACCOMMODATE NEW CONSTRUCTION.
2. PROTECT WORK TO REMAIN.
3. THE CONTRACTOR IS TO PROVIDE SHORING AS REQUIRED TO ACCOMMODATE CONSTRUCTION.
4. PROVIDE PROTECTION TO PERSONNEL WORKING IN ADJACENT AREAS, & TO THE PUBLIC.
5. WHERE THE EXTERIOR BUILDING ENVELOPE IS PENETRATED, PROVIDE TEMPORARY PROTECTION TO INTERIOR SURFACES FROM THE WEATHER AS REQUIRED UNTIL THE OPENING IS PROPERLY SEALED.
6. CAP OFF AND HAVE SAFE MECHANICAL AND ELECTRICAL SERVICES AS REQUIRED.
7. STORE AND PROTECT MATERIALS AND ITEMS TO BE INSTALLED IN RENOVATED AREAS.
8. TREE REMOVAL IN EXCAVATION AREAS SHALL BE DONE BY THE CONTRACTOR.

**EARTHWORK**

1. EXCAVATE AS REQUIRED AND REMOVE FROM SITE MATERIALS NOT REQUIRED FOR BACKFILL OR GRADING.
2. BACKFILLING WILL NOT BE PERMITTED UNTIL RETAINING WALLS ARE IN PLACE AND BASEMENT FLOOR SLABS HAVE BEEN POURED AND CURED.
3. BACKFILL BEHIND RETAINING WALLS WITH GRANULAR 'C' BASE AS INDICATED ON DRAWINGS.
4. COMPACTION (STANDARD PROCTOR DRY DENSITY %)
5. GRADE AND FILL SITE TO ELEVATION SHOWN ALLOWING FOR TOPSOIL, PLANTING OR PAVEMENTS.
6. FILL IN 8" (200 mm) LIFTS (LOOSE) AND COMPACT EACH LIFT TO REQUIRED DENSITY.
7. PLACE TOPSOIL TO FOLLOWING DEPTHS:
  - .1 GRASSED AREAS: 4" (100 mm)
  - .2 PLANTING BEDS: 12" (300 mm)
8. GRADE AND ROLL TOPSOIL TO ELEVATIONS SHOWN.
9. SOO OR SEED SITE. MAINTAIN GRASS UNTIL FIRMLY ESTABLISHED.

**ROUGH CARPENTRY**

1. ALL WOOD STUDS AND PLATES TO BE PRESSURE TREATED SPF GRADE #2 OR BETTER. PLYWOOD TO BE PRESSURE TREATED D-FIR.
2. ALL PRESSURE TREATING TO CONFORM TO CSA STANDARD CAN/CSA-080 SERIES-08 (R2012).
3. ALL FASTENERS SHALL BE STAINLESS STEEL CONFORMING TO CSA STANDARD B111.
4. PROVIDE BLOCKING AT ALL PLYWOOD JOINTS.
5. ATTACH PLYWOOD TO STUDDING AND BLOCKING UTILIZING 2" LONG STAPLES SPACED AT 3 INCHES ON CENTRE.
6. VAPOUR BARRIER TO BE ADHERED TO PLYWOOD WITH BUTYL CAULKING.


**PROJECT SCOPE:**

- AREA A1**
1. PROVIDE CONCRETE SLAB AND CURB AS INDICATED ON THE DRAWINGS.
- AREA A2**
1. PROVIDE CONCRETE CURB AS INDICATED ON THE DRAWINGS.
- AREA B**
1. PROVIDE CONCRETE CURB AS INDICATED ON THE DRAWINGS.
  2. REPAIR FLOOR CRACKS BY THE FOLLOWING METHOD:
    - ROUTER OUT CRACKS TO A MINIMUM 1" WIDTH AND 1" DEEP.
    - CLEAN ROUTERED CRACKS TO ACCEPT REPAIR MATERIAL.
    - REPAIR CRACKS WITH QUIKRETE FAST SET REPAIR MORTAR.
    - INSTALL IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
    - PROVIDE SMOOTH LEVEL SURFACE.
- AREA C1**
1. EXCAVATE THE NORTH RETAINING WALL AND REMOVE EXTERIOR BACKFILL DOWN TO BASEMENT WALKWAY LEVEL INCLUSIVE OF SLOUGHED IN SUBGRADE. PROVIDE A STABLE SLOPE AND/OR SHORING IN ACCORDANCE WITH CITY OF WINNIPEG CONSTRUCTION STANDARDS. REMOVE TREES, SHRUBS & BUSHES AS REQUIRED.
  2. REMOVE EXISTING FAILED RETAINING WALL AND ASSOCIATED CONNECTORS.
  3. PROVIDE CONCRETE FLOOR SLAB AND CURB AS INDICATED ON THE DRAWINGS.
  4. PROVIDE WOOD RETAINING WALL COMPLETE WITH DAMPROOFING AS INDICATED ON THE DRAWINGS.
  5. REPLACE WEAVING TILE AND TIE INTO UNDAMAGED DRAIN TILE ON EACH END.
  6. BACKFILL WITH COMPACTED GRANULAR BACKFILL.
- AREA C2**
1. PROVIDE CONCRETE CURB AS INDICATED ON THE DRAWINGS.
- AREA D**
1. PROVIDE CONCRETE FLOOR SLAB AND CURBS AS INDICATED ON THE DRAWINGS.

NOTES:

0	ISSUED FOR CONSTRUCTION	LDW	2013-03-24
NO.	REVISION/DESCRIPTION	BY	DATE

SCALE



APPROVED: [Signature] USER: [Signature]

DATE: 2013-03-24

THE CITY OF WINNIPEG  
 PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT  
 MUNICIPAL ACCOMMODATIONS DIVISION  
 3-65 GARRY STREET, R3C 4K4

PROJECT  
 MARGARET GRANT INDOOR POOL  
 REPAIRS TO WOOD RETAINING WALLS

886 DALHOUSE DRIVE BD OPPORTUNITY NO. 10-2017

SHEET TITLE  
 DRAWING NOTES & SCOPE OF WORK

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2013-009	G1

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1

**DRAWING LIST**

- G1 DRAWING NOTES & SCOPE OF WORK
- C1 BASEMENT FLOOR PLAN
- S1 PLAN & FOUNDATION - WALL REPAIR
- S2 SECTION & DETAILS - WALL REPAIR