

NOTES:

SHOWN ON DRAWINGS.

THESE DRAWINGS SHALL NOT BE SCALED.

AND PROVIDE A SMOKE-TIGHT BARRIER.

MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.

ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

AND DETAILED INFORMATION SHOWN ARE CORRECT.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM

THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT

ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION,

ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH

THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE

WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST

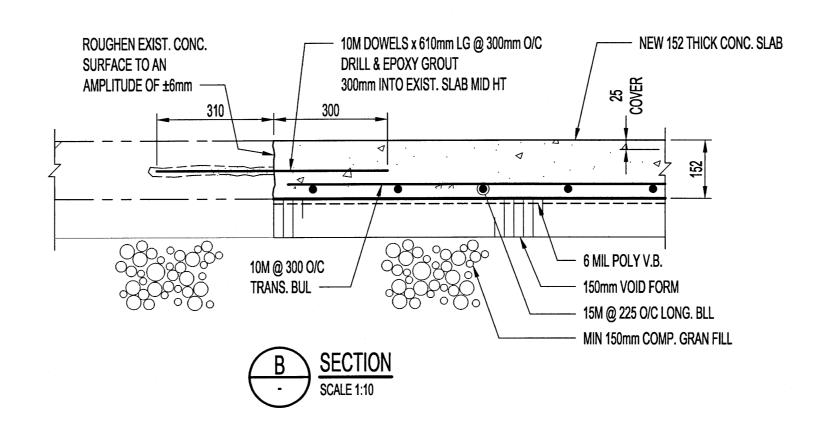
BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED I

ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW

WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE

WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO





CONCRETE MIX DESIGN:

EXTERIOR SLABS (STRUCTURAL):

1220x1220 DOUBLE LEAF

DRILL & EPOXY GROUT

NEW 15M DOWELS @ 450

O/C INTO EXISTING CONC

PROVIDE 200mm EMBED.

EXISTING CRAWLSPACE

CONCRETE:

SHALL NOT BE USED.

3. MIX WATER SHALL BE POTABLE.

TIME PRIOR TO REMOVAL.

DURING CURING PERIOD.

(R2014).

NON-VOLATILE.

POOL TANK

DEEP END

1. CONCRETE MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE

WITH CSA A23.1-09 (R2014). SEE BELOW FOR MIX REQUIREMENTS.

ADMIXTURES SHALL NOT BE USED UNLESS SPECIFIED HEREIN OR

APPROVED BY THE CONTRACT ADMINISTRATOR. CALCIUM CHLORIDE

4. DESIGN, FABRICATE AND ERECT FORMWORK/SHORING IN ACCORDANCE

5. CONCRETE FINISHING SHALL MEET THE REQUIREMENTS OF CSA A23.1-09

6. FORM RELEASE AGENT SHALL BE BIODEGRADABLE, NON-STAINING AND

7. PROVIDE ADEQUATE COLD/HOT WEATHER PROTECTION AS REQUIRED

8. PLACE AND SECURE ALL EMBEDDED ANCHORS, WELD PLATES, SLEEVES,

BUCKS, DOWELS, INSERTS, WATERSTOPS, ETC., PRIOR TO PLACING

CONCRETE. CO-ORDINATE WITH ALL TRADES FOR EMBEDDING OF ALL

9. LOCATE AND FABRICATE ALL CONSTRUCTION JOINTS, CONTROL JOINTS

AND EXPANSION JOINTS AS DETAILED ON THE DRAWINGS. JOINTS NOT

10. GROUT REINFORCING DOWELS WITH EPOXY GROUT HILTI HIT-HY200, OR

APPROVED EQUAL IN ACCORDANCE WITH B7. PLACE AND CURE ALL

GROUT WITHIN TEMPERATURE RANGE RECOMMENDED BY

11. BONDING AGENTS SHALL BE USED TO ADHERE NEW CONCRETE TO

HI-MOD (EPOXY) OR APPROVED EQUAL IN ACCORDANCE WITH B7.

12. THE CONCRETE SUPPLIER SHALL BE CERTIFIED TO MEET THE

13. THE CONCRETE SUPPLIER SHALL SUBMIT CONCRETE MIX DATA

REQUIREMENTS OF CSA A23.1-09 (R2014).

REVIEW PRIOR TO BATCHING ANY CONCRETE.

THICKNESS INDICATED ON THE DRAWINGS.

EXISTING CONCRETE OR STEEL. ACCEPTABLE PRODUCT: SIKADUR 32

SUBMISSION FORMS FOR EACH TYPE OF CONCRETE SPECIFIED FOR

14. VOIDFORM SHALL BE POLYETHYLENE WRAPPED CARDBOARD TO THE

SHOWN SHALL BE APPROVED BY THE CONTRACT ADMINISTRATOR PRIOR

OTHER, CONDUIT, SERVICES, BLOCKING, ETC.

TO THE PLACEMENT OF CONCRETE.

MANUFACTURER.

WITH CAN/CSA-S269.3-M92 (R2013). ALLOW SUFFICIENT CONCRETE CURING

2- EXTRA 15M T&B REINF. BARS

| EXPOSURE CLASS | C-1 |
|----------------------------|------|
| MIN. 28 DAY COMP. STRENGTH | 35 M |
| CEMENT TYPE | GU |
| MAX. W/C RATIO | 0.40 |
| MAX. AGGREGATE SIZE | 20mr |
| ENTRAINED AIR CONTENT | 5%-8 |
| | |

REINFORCING STEEL

- REINFORCING STEEL TO BE NEW DEFORMED BILLET STEEL BARS CONFORMING TO CSA G30.18-[09 (R2014)]. GRADE TO BE 400 MPa.
- 2. REINFORCING STEEL SHALL BE CLEAN, FREE OF RUST, DIRT, LOOSE SCALE, OIL, GREASE OR ANY OTHER MATERIAL WHICH WOULD REDUCE BOND WITH THE CONCRETE.
- 3. SUBMIT SHOP DRAWINGS WHICH CLEARLY INDICATE BAR SIZES. SPACINGS, LOCATIONS & QUANTITIES OF REINFORCING STEEL, BENDING & CUTTING SCHEDULES, SUPPORTING & SPACING DEVICES, ETC. FOR REVIEW PRIOR TO FABRICATION. DETAIL, FABRICATE AND PLACE REINFORCING IN ACCORDANCE WITH CSA A23.1-[09 (R2014)], CSA A23.3-[14] AND ACI SP-66 [(2004)] UNLESS NOTED. LAP STEEL 36 BAR DIAMETERS (MINIMUM) UNLESS NOTED.
- 4. PROVIDE AT EACH FACE, 2-15M EXTRA BARS ALONG ALL SIDES, AND 2-10M DIAGONAL BARS AT ALL CORNERS OF OPENINGS UNLESS NOTED. PROJECT ALL BARS 610mm PAST CORNERS.
- 5. TIE, SUPPORT AND SPACE ALL REINFORCING STEEL WITH PROPER APPROVED DEVICES DESIGNED FOR USE IN REINFORCED CONCRETE, TO PREVENT DISPLACEMENT OF REINFORCING AND ENSURE SPECIFIED CONCRETE COVER.
- 6. PROVIDE MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS
- STRUCTURAL SLAB (TOP & BOTTOM) 25mm

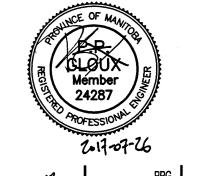
ACCESS HATCH NOTES:

- SIZE: 1220MM X 1220MM;
- MATERIAL: 6MM ALUMINUM COVER AND EXTRUDED ALUMINUM FRAME
- COVER: DIAMOND-PATTERN TREAD PLATE REINFORCED FOR 14.4 kPa LIVE
- FRAME: EXTRUDED ALUMINUM CHANNEL FRAME WITH BEND DOWN ANCHOR TABS AROUND THE PERIMETER. A 38MM DRAIN COUPLING IS WELDED UNDER THE FRAME FOR A PIPE CONNECTION TO A DRY WELL OR DISPOSAL SYSTEM
- HINGES: HEAVY FORGED TYPE 316 STAINLESS STEEL HINGES WITH 6 MM TYPE 316 STAINLESS STEEL HINGE PINS
- LATCH: TYPE 316 STAINLESS STEEL SLAM LOCK WITH FIXED INTERIOR HANDLE AND REMOVABLE EXTERIOR TURN/LIFT HANDLE. LATCH RELEASE IS PROTECTED BY A FLUSH, GASKETED, REMOVABLE SCREW PLUG
- LIFT ASSISTANCE: COMPRESSION SPRING OPERATORS ENCLOSED IN TELESCOPIC TUBES. AUTOMATIC HOLD-OPEN ARM WITH RELEASE HANDLE AUTOMATICALLY LOCKS COVER(S) IN THE OPEN POSITION.
- FINISH: MILL FINISH ALUMINUM WITH A BITUMINOUS COATING APPLIED TO THE EXTERIOR OF THE FRAME
- HARDWARE: TYPE 316 STAINLESS STEEL THROUGHOUT
- ACCEPTABLE PRODUCT: BILCO TYPE JD-AL OR APPROVED EQUAL IN ACCORDANCE WITH B7.

ISSUED FOR CONSTRUCTION

BY DATE

REVISION/DESCRIPTION



CHECKED DESIGNED APPROVAL



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

PROVENCHER OUTDOOR POOL

SUMP PIT REPLACEMENT

590 RUE LANGEVIN

SHEET TITLE STRUCTURAL **SECTIONS & NOTES**

SCALE ROJECT No: 17-0107-007 AS SHOWN

APEGIN Certificate of Authorization KGS Group No. 245

GROUP CONSULTING ENGINEERS

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