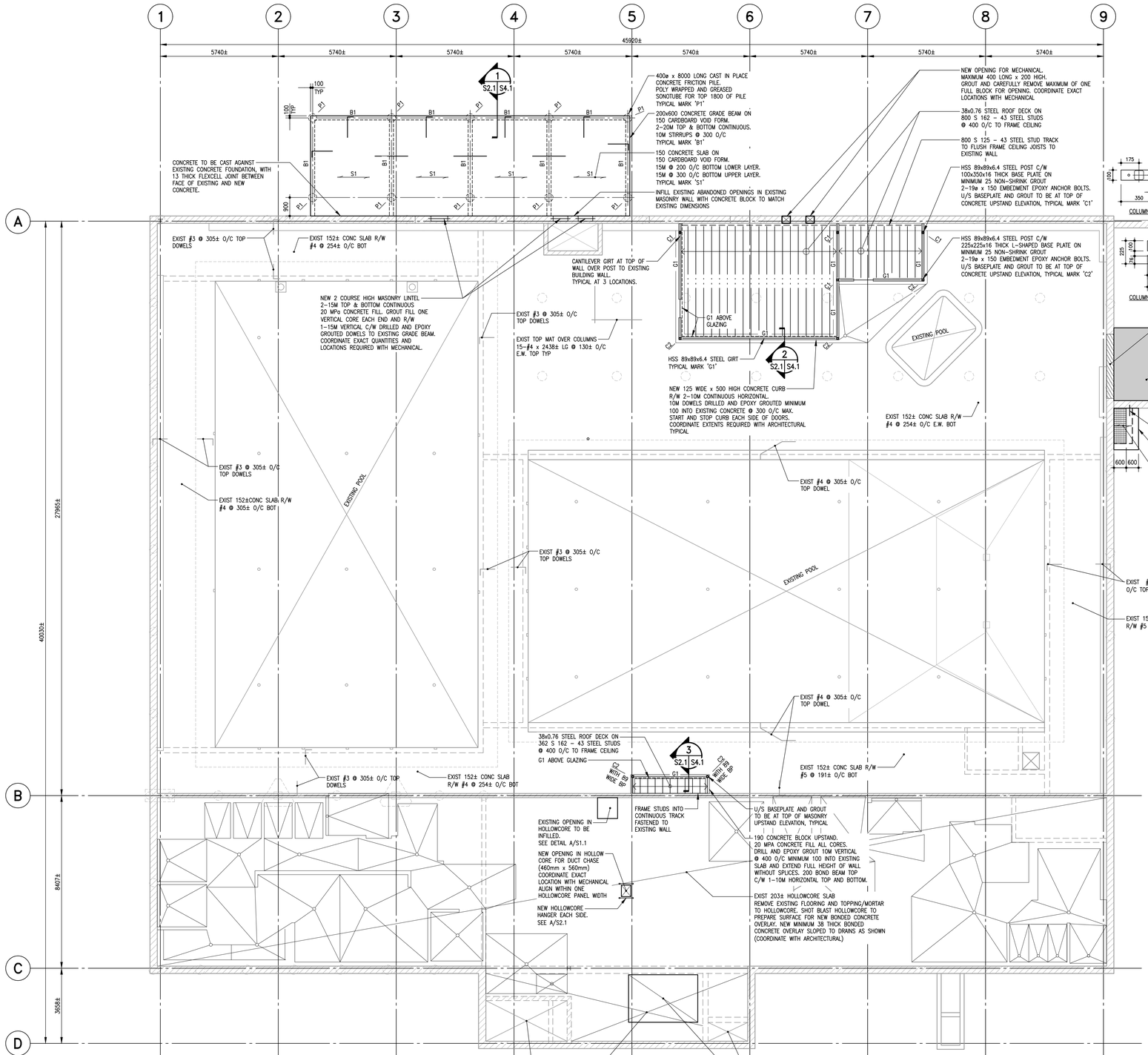
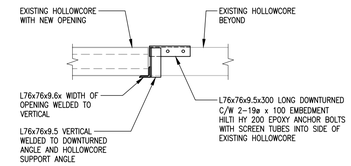


MAIN FLOOR FRAMING PLAN

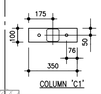
1 : 100

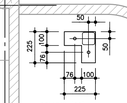
- DESIGN LIVE LOAD = 4.8 KPA

NOTE: ALL NEW PLUMBING PENETRATIONS TO BE COORDINATED WITH EXISTING HOLLOWCORE CORES. LOCATE OPENINGS WITHIN EXISTING CORES. DO NOT CUT OR DAMAGE ANY HOLLOWCORE REINFORCING STEEL OR PRESTRESSING STRANDS.



A S2.1 S2.1 SECTION 1:20





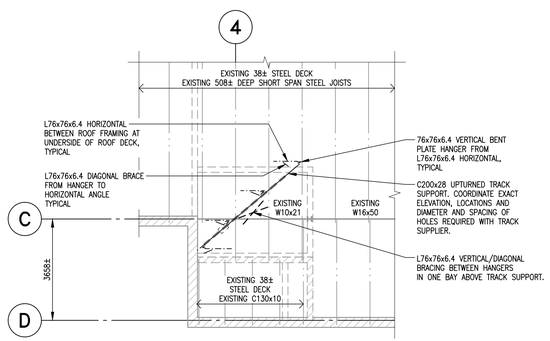
APPROXIMATE AREA OF NEW PLUMBING PENETRATIONS THROUGH EXISTING GRADE BEAM. SCAN CONCRETE TO LOCATE ALL HORIZONTAL REINFORCING AND VERTICAL STIRRUPS. LOCATE HOLES IN MIDDLE THIRD OF BEAM HEIGHT AND AWAY FROM EXISTING REINFORCING TO NOT DAMAGE OR CUT EXISTING REINFORCING. PLUMBING HOLES TO BE SPACED A MINIMUM OF 3 TIMES THE LARGER PIPE DIAMETER CLEAR APART.

APPROXIMATE AREA OF UNDERSLAB PLUMBING WORK. SAW CUT EXISTING CONCRETE OVER EXTENTS REQUIRED. AFTER PLUMBING INSTALLATION CONSTRUCT NEW CONCRETE SLAB ON COMPACTED GRANULAR FILL INSTALLED AND COMPACTED IN 150mm LIFTS FROM UNDISTURBED SOIL TO UNDERSIDE OF SLAB. NEW SLAB THICKNESS TO MATCH EXISTING. REINFORCE WITH 10M @ 300 O/C EACH WAY TOP C/W 10M DOWELS IN-CENTRE OF SLAB DRILLED AND EPOXY GROUTED MINIMUM 150 INTO EXISTING SLAB AND GRADE BEAM ALL AROUND IN FILL AREA. IF EXISTING POLYETHYLENE VAPOUR RETARDER IS PRESENT PLACE NEW 10MIL POLYETHYLENE LAPPED AND CONTINUOUSLY SEALED ALONG ALL JOINTS AND TO EXISTING POLYETHYLENE.

DRILL MINIMUM 150 AND EPOXY GROUT 10M DOWELS @ 300 O/C IN CENTRE TO EXISTING CONCRETE

200 HIGH x 300 WIDE THICKENED EDGE R/W 2-15M TOP & BOTTOM CONTINUOUS 10M TIES AT 400 O/C

150 CONCRETE SLAB ON 150 CARDBOARD VOID FORM ON 150 COMPACTED GRANULAR FILL R/W 10M @ 400 O/C EACH WAY TOP 15M @ 200 O/C BOTTOM LOWER LAYER OVER VOID FORM 10M @ 400 O/C BOTTOM UPPER LAYER



PARTIAL ROOF FRAMING PLAN

1 : 100

300-275 Carlton Street
Winnipeg, Manitoba R3C 5R6
T 204. 943. 7501
F 204. 943. 7507

2021-0654

Crosier Kilgour & Partners Ltd.
CONSULTING STRUCTURAL ENGINEERS

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Crosier Kilgour & Partners Ltd.
No. 235

PROVINCE OF MANITOBA
B. FLISAK
Member
22454
REGISTERED PROFESSIONAL ENGINEER

2022-06-21

No.	Date	Issue / Revision	By
0	2022-06-21	ISSUED FOR CONSTRUCTION	BF

Drawn By: CJM

Printing Date:

Drawings and specifications, as instruments of service are the property of the architects, th copyright in the same being reserved to them. No reproduction may be made without th permission of the architects, and when made, must bear their names. All prints to b returned.

The contractor is to verify dimensions and data noted herein with conditions on the site an is held responsible for reporting any discrepancy to the architects for adjustment.

LM Architectural Group

500-136 Market Ave
Winnipeg Manitoba Canada R3B 0P4
t: (204) 942.0681 f: (204) 943.8676
www.lm-architects.com

CITY OF WINNIPEG
BONIVITAL POOL RENEWAL

1215 ARCHIBALD ST, WINNIPEG, MB.

MAIN FLOOR FRAMING PLAN

Comm. No.: 2129 Sheet: **S2.1**

Plotted on: 94x841.dwf