S-3
175 CONC. SLAB ON 150 VOID FORM R/W 20M @ 300 BOTTOM, 10M T.S. @ 400 O/C - TYPICAL U/N

150 CONC. CONDENSING UNIT PADS ON MIN. 150 WELL COMPACTED GRANULAR FILL. R/W 10M @ 300 O/C E.W. TOP - TYPICAL U/C

1500 x 1200 x 150 CONC. SLAB ON 150 VOID FORM R/W 15M @ 300 O/C TOP PLUS 10M T.S @ 300 O/C - TYPICAL

1500 x 1924 x 150 CONC. SLAB ON 150 VOID FORM R/W 15M @ 300 O/C TOP PLUS 10M T.S @ 300 O/C - TYPICAL

200 CONC. SLAB R/W 10M @ 200 O/C E.W. TOP PLUS 15M DOWELS @ 300 O/C TOP FROM BEAM

SUMP PIT OPENING R/W 2-20M EXTRA E.A. SIDE OF PIT

CONCRETE BOLLARDS (SEE DETAIL B/S-3)

150 CONDENSING UNIT PADS (SEE NOTE:)

150 VOID FORM

S-1
175 CONC. SLAB ON 150 VOID FORM R/W 20M @ 365 E.W. BOTTOM - TYPICAL U/N

1600x1600x100 DEEP DROP PANELS R/W 8-20M X 3200 LG @ 350 O/C E.W. TOP - TYPICAL

20M DOWELS TOP @ 325 O/C - TYPICAL INTERIOR BEAMS

100 HIGH CONCRETE CURBS AROUND THE ZAMBONI ROOM (SEE ARCH.)

15M DOWELS TOP @ 325 O/C - TYPICAL @ PERIMETER BEAMS

SLOPE FLOOR TO FLOOR DRAINS - SEE ARCH.

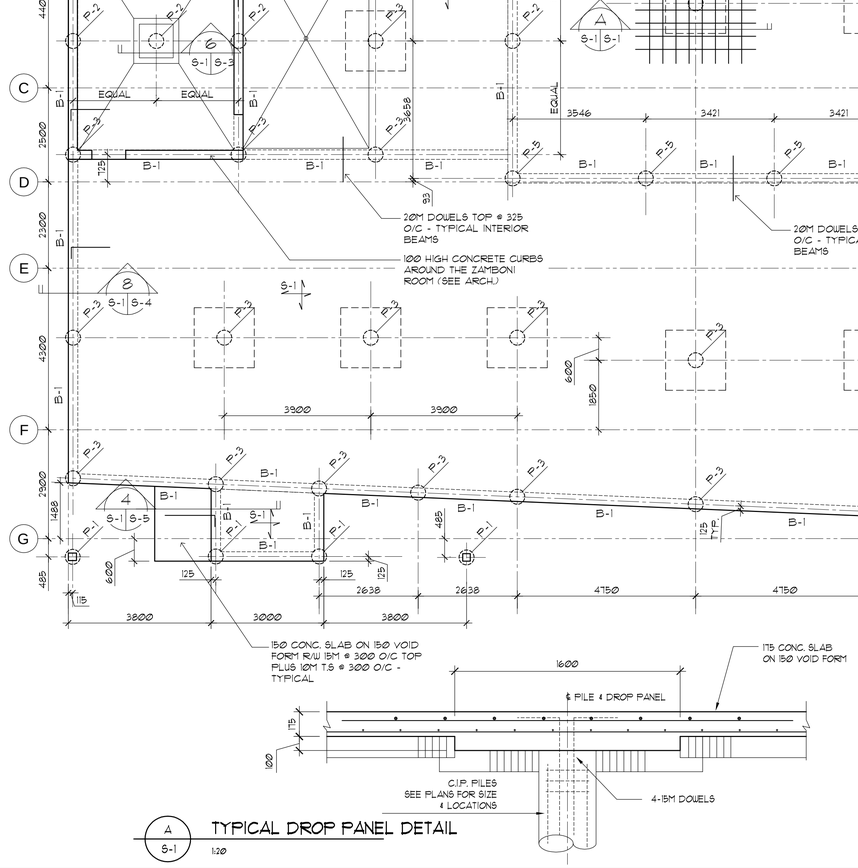
FLOOR RECESS (SEE ARCH.)

150 CONC. SLAB ON 150 VOID FORM R/W 15M @ 300 O/C TOP PLUS 10M T.S @ 300 O/C - TYPICAL

175 CONC. SLAB ON 150 VOID FORM R/W 15M @ 400 O/C E.W.

15M DOWELS @ 400 O/C TOP ALL AROUND

SUMP PIT OPENING R/W 2-20M EXTRA E.A. SIDE OF PIT



A / S-1 TYPICAL DROP PANEL DETAIL
1:20

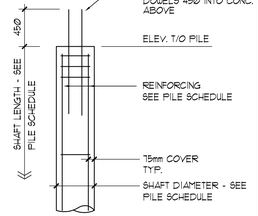
FOUNDATION & MAIN FLOOR FRAMING PLANS

SCALE 1 : 75

DESIGN LOADS

LIVE LOAD = 4.80 kPa TYPICAL U/N
TOTAL LOAD = 9.00 kPa

NOTE:
LIVE LOAD = 2.40 kPa (DRESSING ROOMS & W/C)
LIVE LOAD = 3.60 kPa (MECH. ROOMS/JANITOR RM.)



TYPICAL C.I.P. CONCRETE PILE DETAIL
N.T.S.

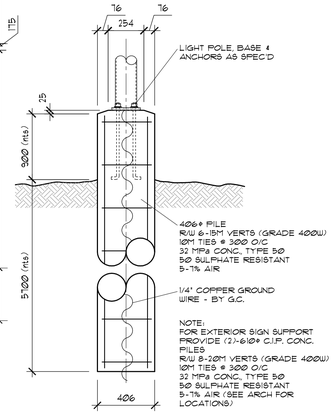
THE INSTALLATION OF ALL PILES SHALL BE INSPECTED AND APPROVED BY A COMPETENT SOILS ENGINEER PRIOR TO PLACEMENT OF CONCRETE.

CONCRETE PILE SCHEDULE

MARK	SHAFT DIAMETER	SHAFT LENGTH	REINFORCING STEEL
P-1	406 DIA.	7750	4-15M VERTICALS X 7600 LG 10M TIES, 3@150 O/C, REM @ 300 O/C FROM TOP
P-2	406 DIA.	11000	
P-3	406 DIA.	13000	
P-4	406 DIA.	14750	
P-5	406 DIA.	15750	

38x140 KEYWAY FOR BEAMS 600 DEEP & LESS
38x184 KEYWAY FOR BEAMS 600 TO 900 DEEP

TYPICAL BEAM POUR JOINT
N.T.S.



B / S-1 TYPICAL LIGHT POLE BASE DETAIL
1:20

CONCRETE BEAM SCHEDULE

MARK	BEAM SIZE (W X D)	TOP RFG. CONT.	BOTTOM RFG. CONT.	STIRRUP - SIZE & SPC'G FROM F.O. E.A. SUPPORT	REMARKS
B-1	250 x 750	2 - 25M	2 - 25M	10M @ 400 O/C	1-10M HOR. EA/ FACE
B-2	250 x 600	2 - 20M	2 - 20M	10M @ 300 O/C	-

REVISIONS

NO.	DATE	PARTICULARS
1	05-03-23	EXPANDED TENDER

NOTES

APEGM
Certificate of Authorization
Kowalchuk Consulting Engineers Ltd.
No. 1777 Expiry: April 30, 2005

THIS DRAWING MUST NOT BE SCALED.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND OTHER DATA ON SITE PRIOR TO COMMENCEMENT OF WORK. ALL DISCREPANCIES, ERRORS, AND OMMISSIONS ARE TO BE REPORTED TO THE ENGINEER.

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PROJECT TITLE

RED RIVER COMMUNITY CENTRE REDEVELOPMENT

LOCATION
WINNIPEG, MB
293 MURRAY AVENUE

CLIENT
THE CITY OF WINNIPEG

DRAWING TITLE

FOUNDATION AND MAIN FLOOR FRAMING PLANS

DRAWN	APPROVED	DRAWING
CML	-	S-1

SCALE	DATE ISSUED
1:75	05-03-23

JOB NUMBER	DATE PLOTTED	REVISION
03-050	-	R-1