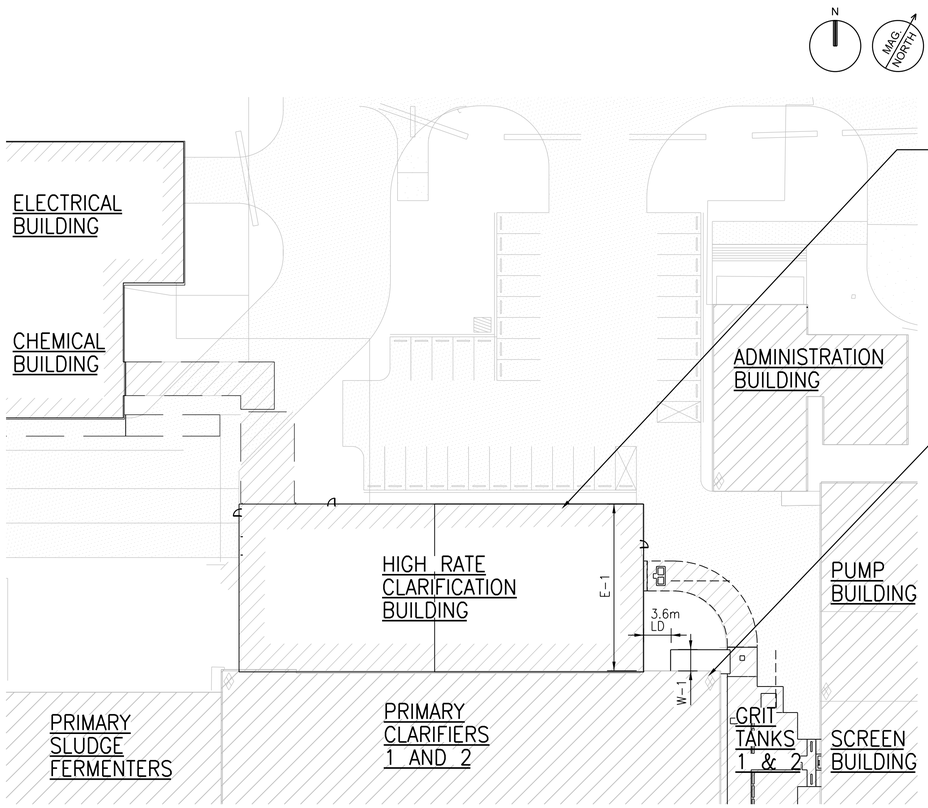
A1 SIZE – 594mm x 841mm



1 SITE PLAN
1:400

NEW HIGH RATE CLARIFICATION BUILDING
NO. OF STOREY: ONE, BUILDING AREA: 1150 SQ.M.
BLDG.CLASSIFICATION: MEDIUM HAZARD INDUSTRIAL OCCUPANCY F2

NBC TABLES 3.2.3.1.C & 3.2.3.7

WALL	EBF AREA (SQ.M.)	L.D. (M)	L/H H/L	ALLOWED % OF OPNGS	PROPOSED % OF OPNGS	FRR (HRS)	LISTED DESIGN DESCRIP.	COMB. CONSTR.	CLADDING	NON-COMB. CONSTR.
SOUTH	NOT APPLICABLE - NO FACING WALLS									
WEST	NOT APPLICABLE - NO FACING WALLS									
EAST (E-1)	106	3.6	3:1-10:1	8%	±8%		WALL TYPE A & B	--	NON-COMB.	YES
NORTH	NOT APPLICABLE - NO FACING WALLS									

EXISTING PRIMARY CLARIFIERS 1 AND 2
NO. OF STOREY: ONE
BLDG.CLASSIFICATION: MEDIUM HAZARD INDUSTRIAL OCCUPANCY F2

NBC TABLES 3.2.3.1.C & 3.2.3.7

WALL	EBF AREA (SQ.M.)	L.D. (M)	L/H H/L	ALLOWED % OF OPNGS	PROPOSED % OF OPNGS	FRR (HRS)	LISTED DESIGN DESCRIP.	COMB. CONSTR.	CLADDING	NON-COMB. CONSTR.
SOUTH	NOT APPLICABLE - EXISTING									
WEST (W-1)	NOT APPLICABLE - NO WALL OPENING									
EAST	NOT APPLICABLE - EXISTING									
NORTH	NOT APPLICABLE - EXISTING									

LEGEND
- WALL TYPE A: STONE VENEER CLADDING, AIR SPACE, INSULATION, VAPOUR BARRIER, ON CONCRETE/CMU WALL (SEE DWG BAAA-K001)
- WALL TYPE B: PREFORMED METAL PANEL, AIR SPACE, INSULATION, VAPOUR BARRIER, ON CONCRETE/CMU WALL (SEE DWG BAAA-K001)

LEGEND
- EXISTING FACILITY
- NEW FACILITY/ EXTENSION
- FUTURE FACILITY
- FIRE ROUTE
- ENTRANCE / EXIT
- MAIN ENTRANCE
- EXST ROAD
- EXST OPEN TO AIR TANK
- FH FIRE HYDRANT
- IMAGINARY LINE (LIMITING DISTANCE)

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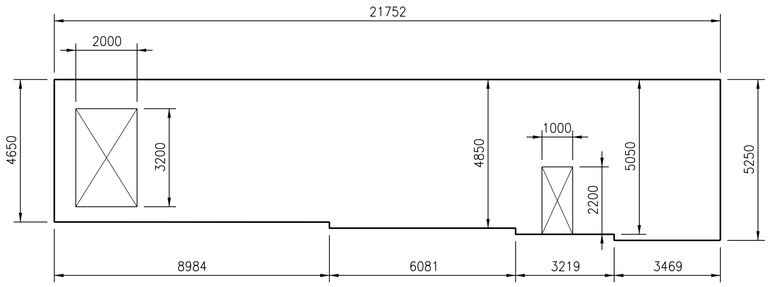

2 EBF AREA: 108sq.m.
HRC BUILDING – EAST FACADE (E-1)
1:100

APEGM
Certificate of Authorization
CH2M HILL Canada Ltd.
No. 1441

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION – 976-2016	2017/04/05	R.B.	J.C.

PLOT DATE: 2017\03\30

CH2MHILL CANADA Architects Inc.
SNC·LAVALIN KGS GROUP

DESIGNED BY: R. ZAKKO	CHECKED BY: B. KOLIS-HUPA
DRAWN BY: R. BATHAN	APPROVED BY: H.T. FREIHAMMER
SCALE: AS SHOWN	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2017/04/05	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL
PROVINCE OF MANITOBA REID ZAKKO 04-05-2017 REGISTERED ARCHITECT

FILE NAME:

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
BUILDING
HIGH RATE CLARIFICATION BUILDING
SITE PLAN AND SPATIAL SEPARATION CALCULATION

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-BAAA-K002		00	A1