

ISSUED FOR
11/12/2020



Public Works and
Government Services
Canada

Travaux publics et services
gouvernementaux
Canada

SIR JOHN CARLING
WEST ANNEX DEMOLITION

930 CARLING AVENUE, OTTAWA, ON, K1A 0Z2

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- C02
- SITE SERVICING REMOVALS PLAN
- C03
- REINSTATEMENT AND PROPOSED TOPOGRAPHY
- C04
- SITE ACCESS, EROSION AND SEDIMENT CONTROL PLAN

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- S12
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- S13
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- S30
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- DEMOLITION SECTIONS

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services gouvernementaux
Canada

Direction générale
des biens immobiliers

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20
revisions	description	date

A
C

A
B
C

A detail no.
no. du détail
B location drawing no.
sur dessin no.
C drawing no.
dessin no.

project

projet

SIR JOHN
CARLING WEST
ANNEX
DEMOLITION
930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing

dessin

COVER

Designed By

Conçu par

Date

(yyyy/mm/dd)

Drawn By

Dessiné par

Date

(yyyy/mm/dd)

Reviewed By

Examiné par

Date

(yyyy/mm/dd)

Approved By

Approuvé par

Date

(yyyy/mm/dd)

Tender

Soumission

Project Manager

Administrateur de projets

Project no.

No. du projet

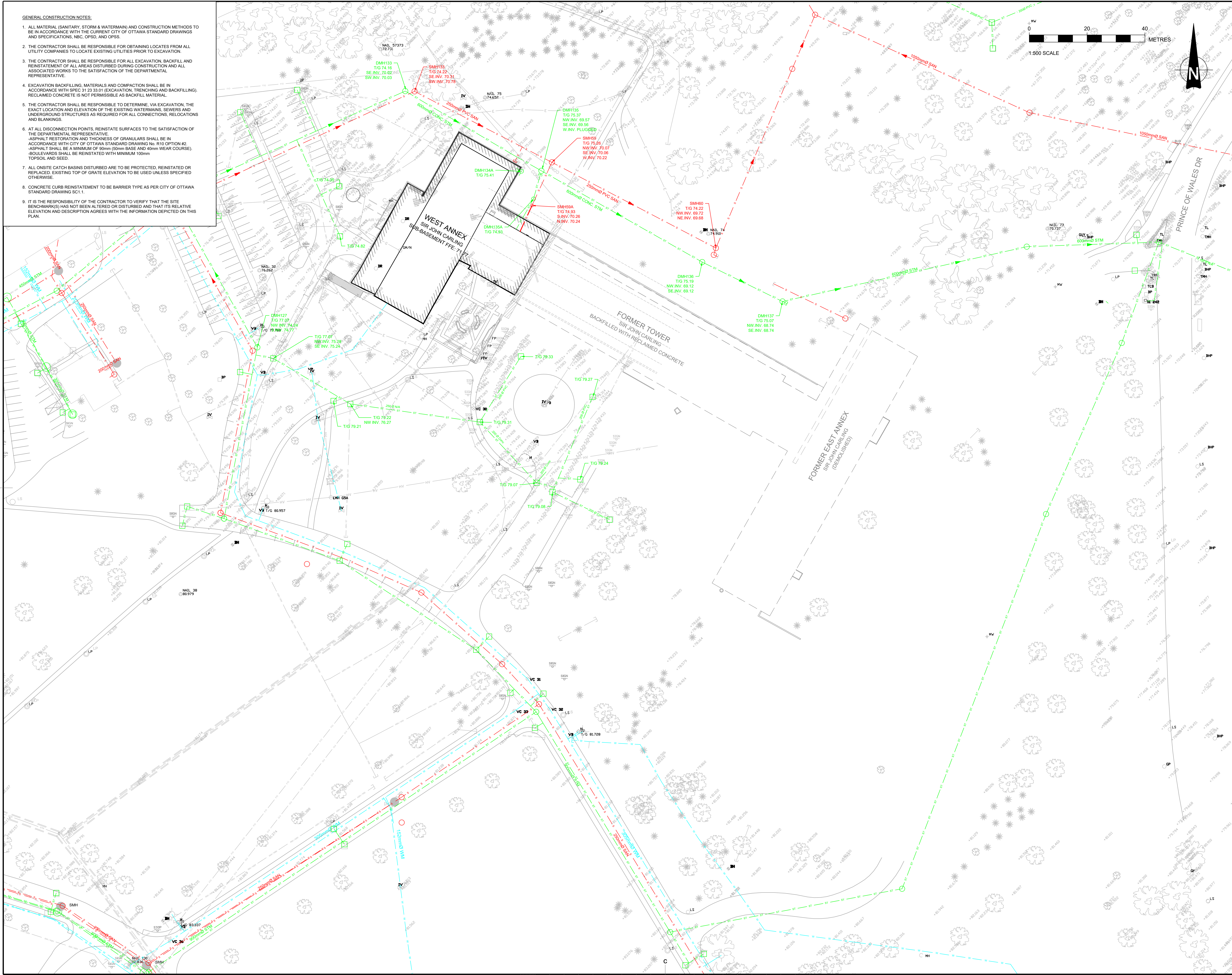
R.096994

Drawing no.

No. du dessin

PWGSC B1 (1000 x 707)

0 10 20mm 40 60 80 100 120 140 160 180 200mm



GENERAL CONSTRUCTION NOTES:

1. ALL MATERIAL (SANITARY, STORM & WATERMAIN) AND CONSTRUCTION METHODS TO BE IN ACCORDANCE WITH THE CURRENT CITY OF OTTAWA STANDARD DRAWINGS AND SPECIFICATIONS, NRC, OFSD, AND OFSS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING LOCATES FROM ALL UTILITY COMPANIES TO LOCATE EXISTING UTILITIES PRIOR TO EXCAVATION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION, BACKFILL AND REINSTATEMENT OF ALL AREAS DISTURBED DURING CONSTRUCTION AND ALL ASSOCIATED WORKS TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE.
4. EXCAVATION BACKFILLING, MATERIALS AND COMPACTION SHALL BE IN ACCORDANCE WITH SPEC 31 23 33.01 (EXCAVATION, TRENCHING AND BACKFILLING). RECLAIMED CONCRETE IS NOT PERMISSIBLE AS BACKFILL MATERIAL.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE, VIA EXCAVATION, THE EXACT LOCATION AND ELEVATION OF THE EXISTING WATERMAINS, SEWERS AND UNDERGROUND STRUCTURES AS REQUIRED FOR ALL CONNECTIONS, RELOCATIONS AND BLANKINGS.
6. AT ALL DISCONNECTION POINTS, REINSTATE SURFACES TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE.
ASPHALT RESTORATION AND THICKNESS OF GRANULARS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DRAWING No. R10 OPTION #2. ASPHALT SHALL BE A MINIMUM OF 90mm (50mm BASE AND 40mm WEAR COURSE). SOIL ELEVATIONS SHALL BE REINSTATED WITH MINIMUM 100mm TOPSOIL AND SEED.
7. ALL ONSITE CATCH BASINS DISTURBED ARE TO BE PROTECTED, REINSTATED OR REPLACED. EXISTING TOP OF GRATE ELEVATION TO BE USED UNLESS SPECIFIED OTHERWISE.
8. CONCRETE CURB REINSTATEMENT TO BE BARRIER TYPE AS PER CITY OF OTTAWA STANDARD DRAWING SC1.
9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE SITE BENCHMARK(S) HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION DEPICTED ON THIS PLAN.

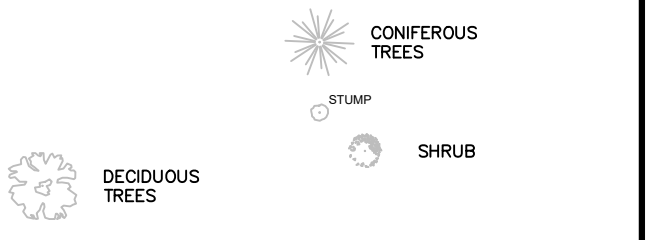
Canada

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Branch

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services gouvernementaux
Canada
Direction g n rale
des biens immobili rs

LEGEND

U/G BELL TELEPHONE SERVICE	
WATERMAIN CONDUIT	
IRRIGATION LINE	
WATERMAIN ABANDONED	
STORM SEWER	
STORM ABANDONED	
SANITARY SEWER	



Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

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1	ISSUED FOR 30% CLIENT REVIEW	31/03/20

revisions	description	date
A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project project

SIR JOHN CARLING WEST ANNEX DEMOLITION

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin

EXISTING CONDITION SITE SERVICING PLAN

Designed By	SP	Con�u par	
Date	2020/12/11	(yyyy/mm/dd)	
Drawn By	SP	Dess�n� par	
Date	2020/12/11	(yyyy/mm/dd)	
Reviewed By	LJ	Examin� par	
Date	2020/12/11	(yyyy/mm/dd)	
Approved By	LJ	Approuv� par	
Date	2020/12/11	(yyyy/mm/dd)	
Tender		Soumission	
Project Manager		Administrateur de projets	
Project no.		No. du projet	
			R.096994
Drawing no.		No. du dessin	
			C01



Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

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	C drawing no. dessin no.	C

project projet

**SIR JOHN
CARLING WEST
ANNEX
DEMOLITION**

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin

**FOUNDATION
PLAN**

Designed By	TC	Conçu par
Date	03/27/20	(yyyy/mm/dd)
Drawn By	SWW	Dessiné par
Date	03/27/20	(yyyy/mm/dd)
Reviewed By	SB	Examiné par
Date	03/27/20	(yyyy/mm/dd)
Approved By	SB	Approuvé par
Date	03/27/20	(yyyy/mm/dd)
Tender		Soumission

Project Manager Administrateur de projets

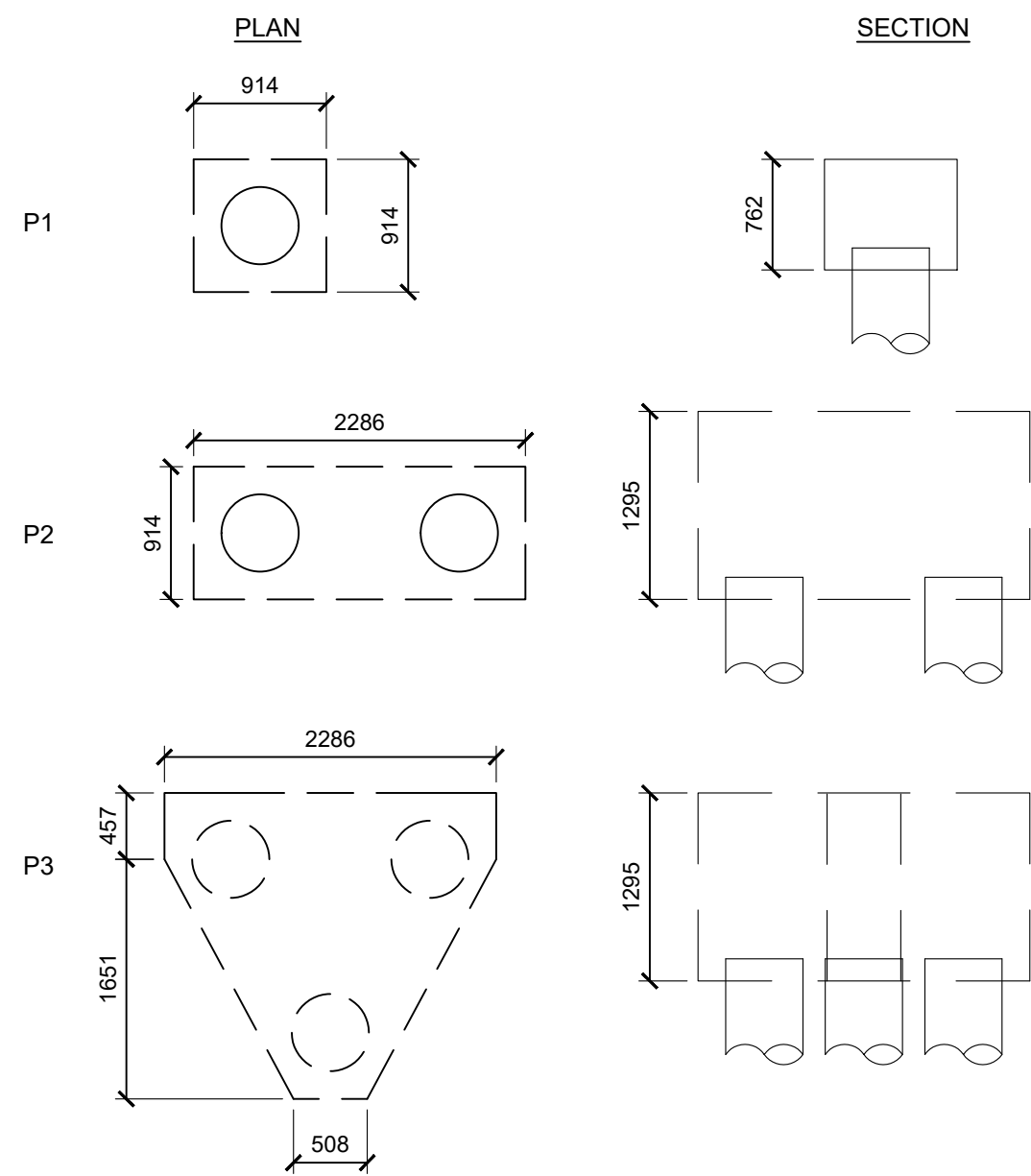
Project no. No. du projet

R.096994

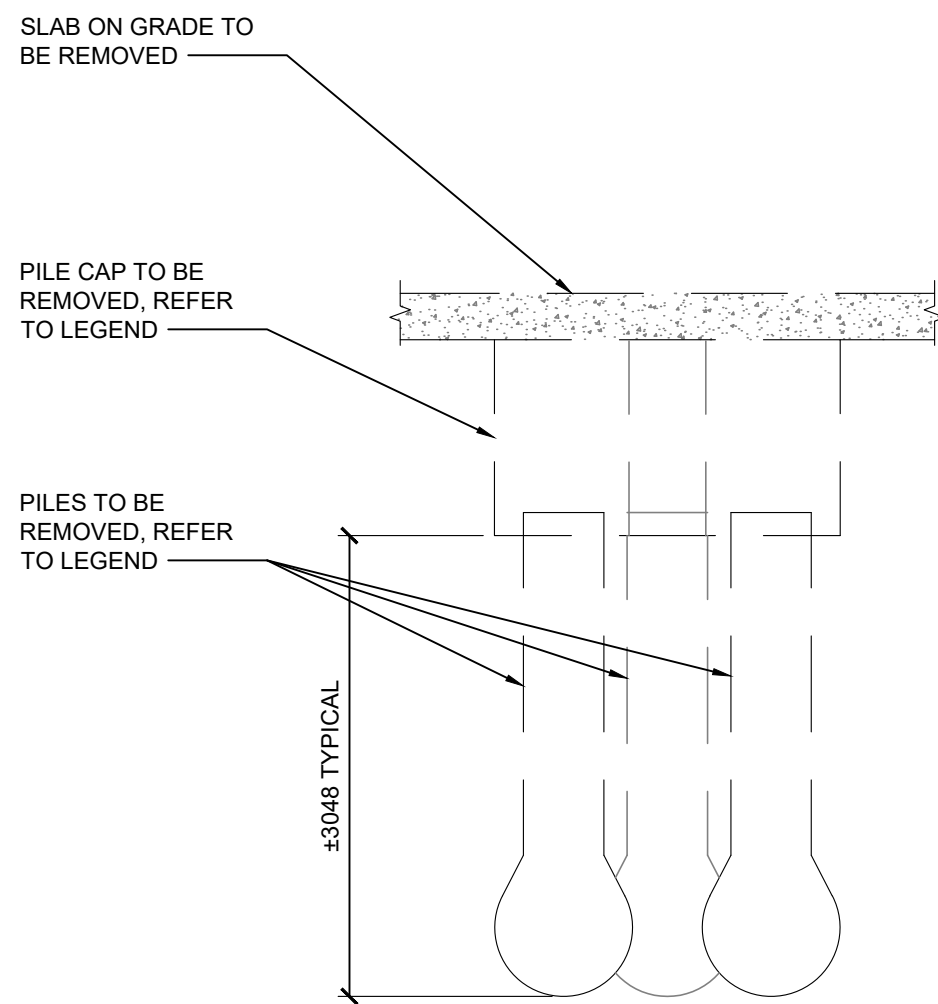
Drawing no. No. du dessin

S10

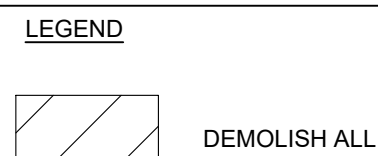
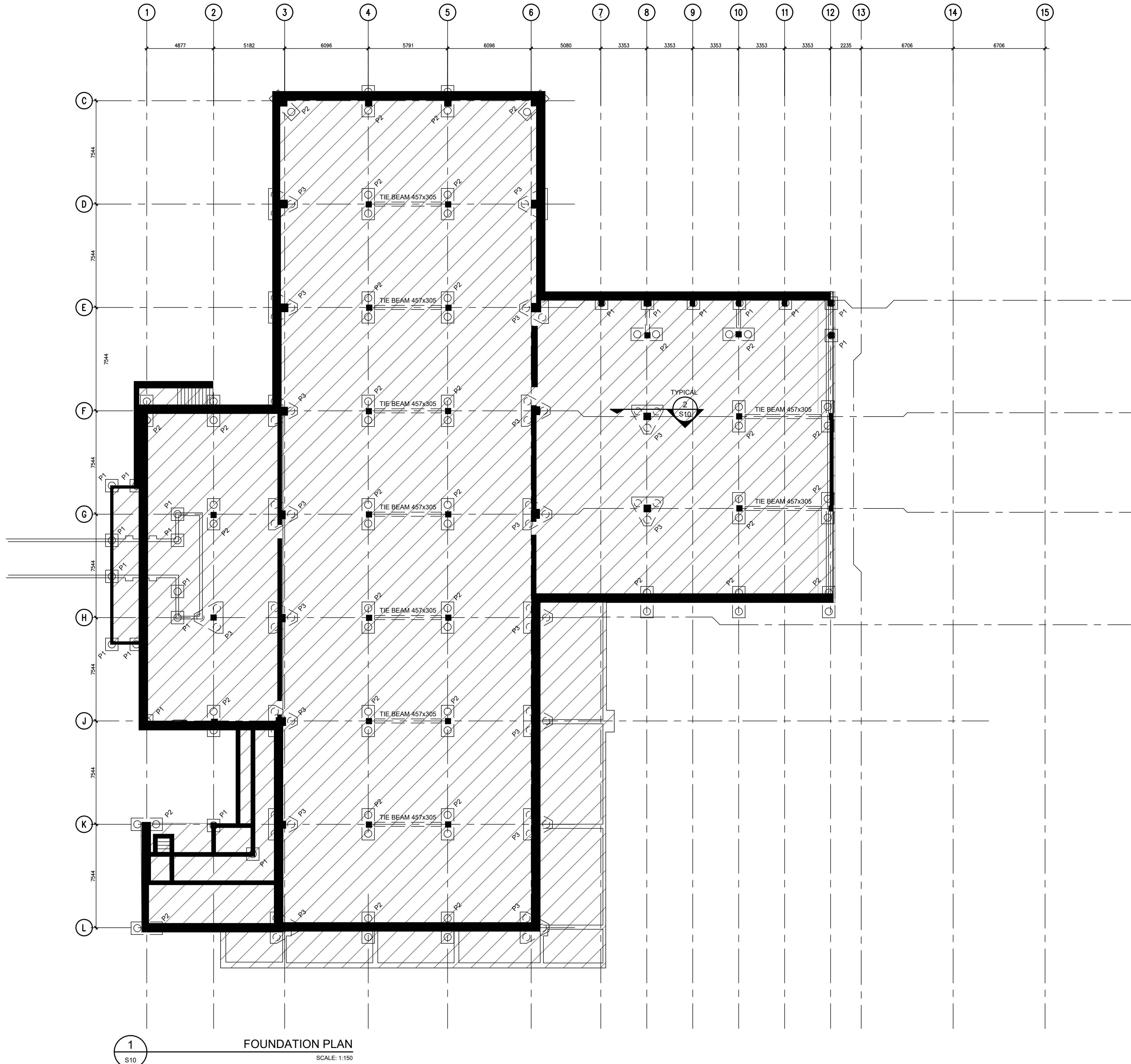
PILE LEGEND



NOTE: ALL PILES TO BE REMOVED



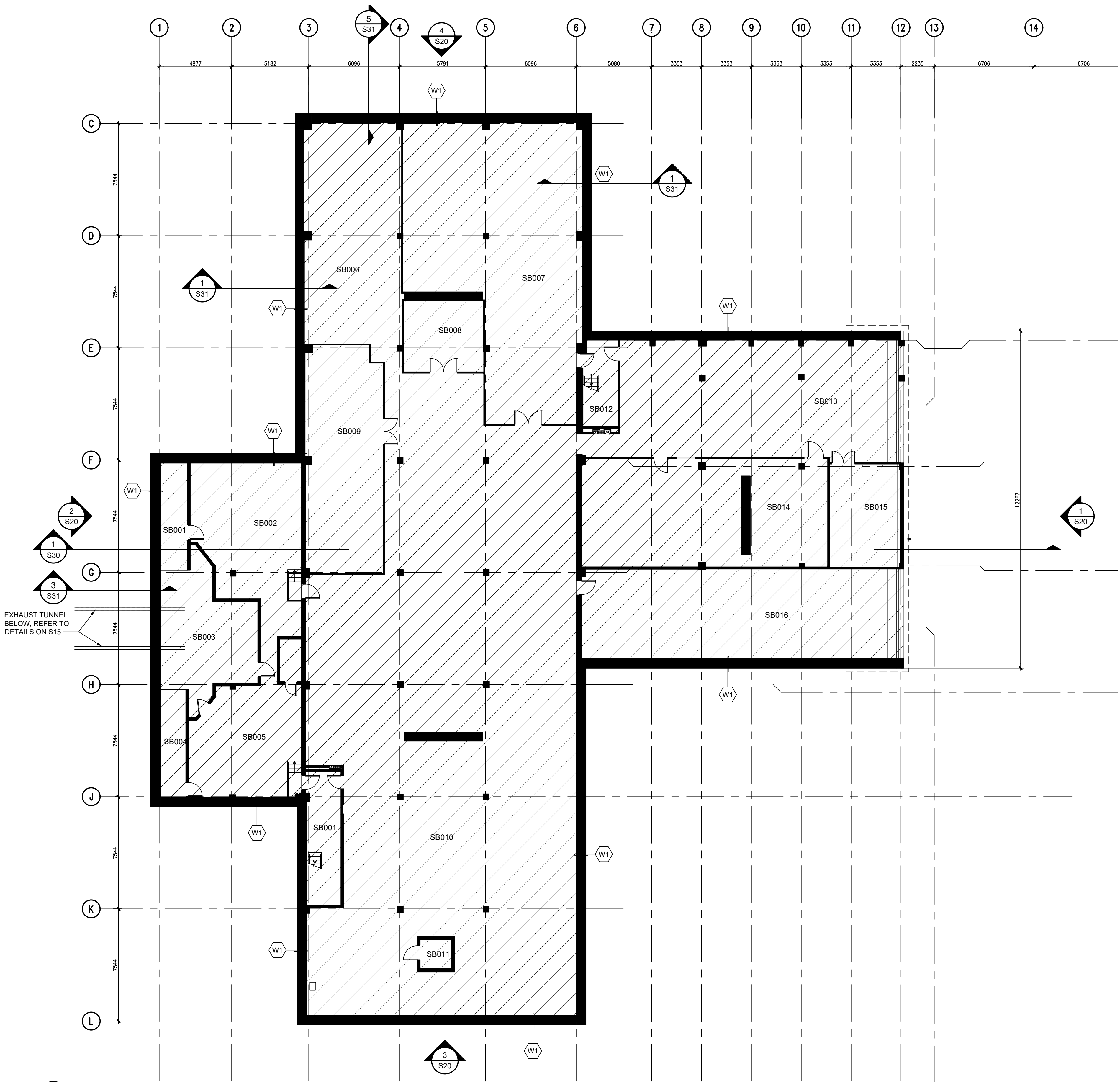
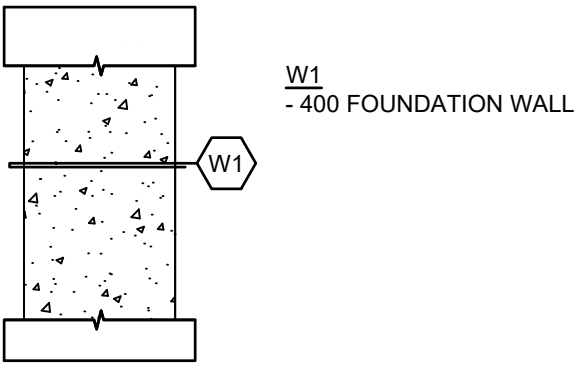
2 TYPICAL PILE CAP DEMOLITION SECTION
S10 SCALE: 50



WALL ASSEMBLIES

NOTES:

1. WALL ASSEMBLIES BASED ON INFORMATION IN FOUND IN EXISTING DRAWINGS FOR DEMOLITION INFORMATION ONLY. ASSEMBLIES TO BE CONFIRMED BY CONTRACTOR.
2. REFER TO PLANS AND SECTIONS FOR WALL EXTENTS.



1 SUB BASEMENT PLAN @ EL. ±225
SCALE: 1:150

NOTE:

CONTRACTOR SHALL PERFORM A DESIGNATED SUBSTANCE INVESTIGATION BELOW THE CONCRETE SLAB ON GRADE LOCATED IN THE SUBBASEMENT LEVEL OF THE BUILDING. CONTRACTOR TO CORE IN 3 PLACES AND SEND THE SAMPLES TO DST FOR EVALUATION. CONTRACTOR SHALL PROVIDE RESULTS OF THE INVESTIGATION PRIOR TO THE REMOVAL OF THE SUBBASEMENT SLAB ON GRADE. IN THE EVENT THAT DESIGNATED HAZARDOUS SUBSTANCES ARE DISCOVERED, CONTRACTOR SHALL PROVIDE A PROPOSED ABATEMENT STRATEGY FOR APPROVAL BY THE DEPARTMENTAL REPRESENTATIVE.

LEGEND

DEMOLISH ALL

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revisions	description	date
A	A detail no. no. du détail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project projet

**SIR JOHN
CARLING WEST
ANNEX
DEMOLITION**

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin

**SUB BASEMENT
DEMOLITION**

Designed By	TC	Conçu par
Date	03/27/20	(yyyy/mm/dd)
Drawn By	SWW	Dessiné par
Date	03/27/20	(yyyy/mm/dd)
Reviewed By	SB	Examiné par
Date	03/27/20	(yyyy/mm/dd)
Approved By	SB	Approuvé par
Date	03/27/20	(yyyy/mm/dd)
Tender		Soumission

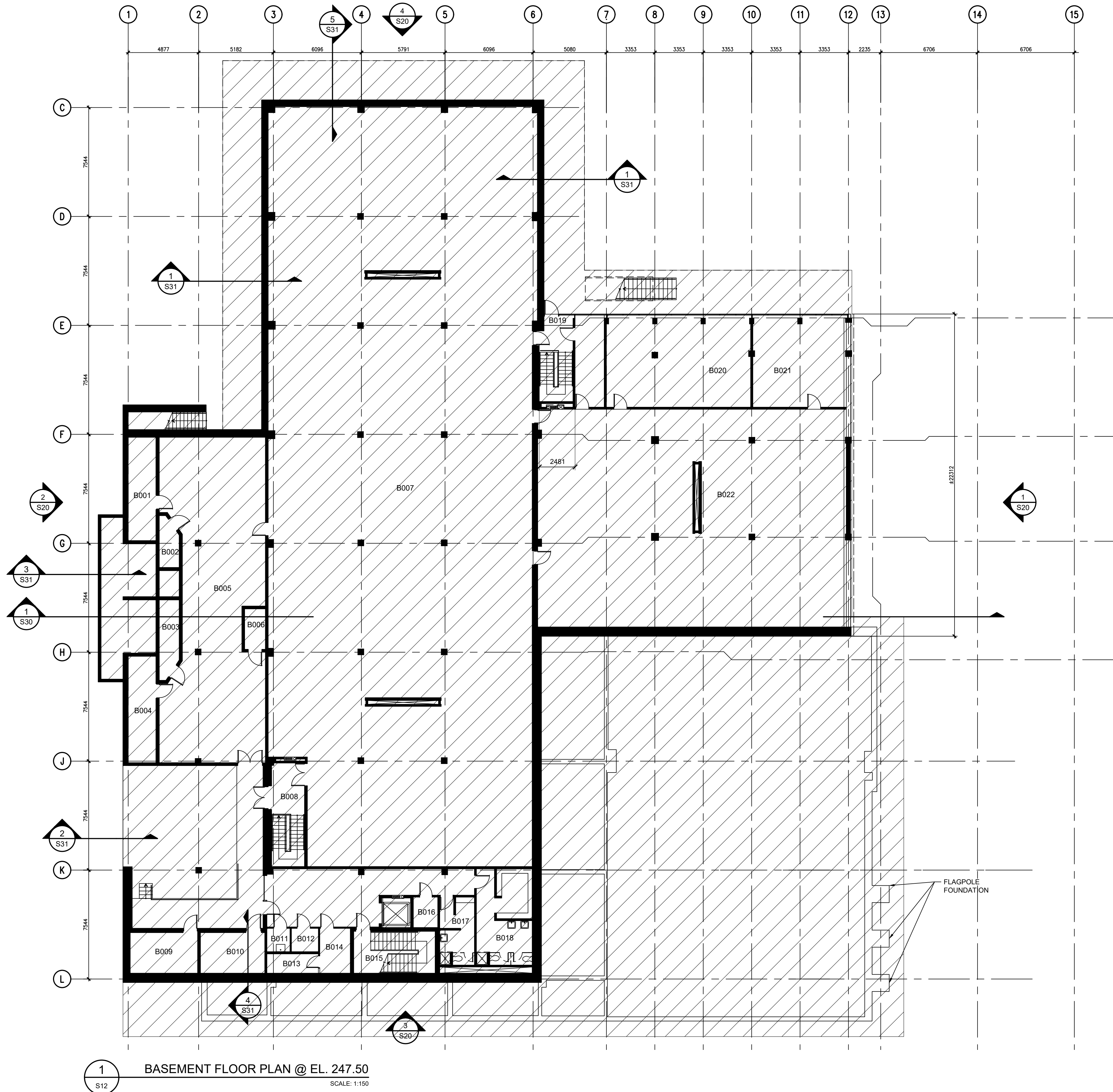
Project Manager Administrateur de projets

Project no. No. du projet

R.096994

Drawing no. No. du dessin

S11



Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20

revisions	description	date
A	A detail no. du detail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

project project

**SIR JOHN
CARLING WEST
ANNEX
DEMOLITION**

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin

**BASEMENT
DEMOLITION**

Designed By	TC	Conçu par
Date	03/27/20	(yyyy/mm/dd)
Drawn By	SWW	Dessiné par
Date	03/27/20	(yyyy/mm/dd)
Reviewed By	SB	Examiné par
Date	03/27/20	(yyyy/mm/dd)
Approved By	SB	Approuvé par
Date	03/27/20	(yyyy/mm/dd)
Tender		Soumission

Project Manager Administrateur de projets

Project no. No. du projet

R.096994

Drawing no. No. du dessin

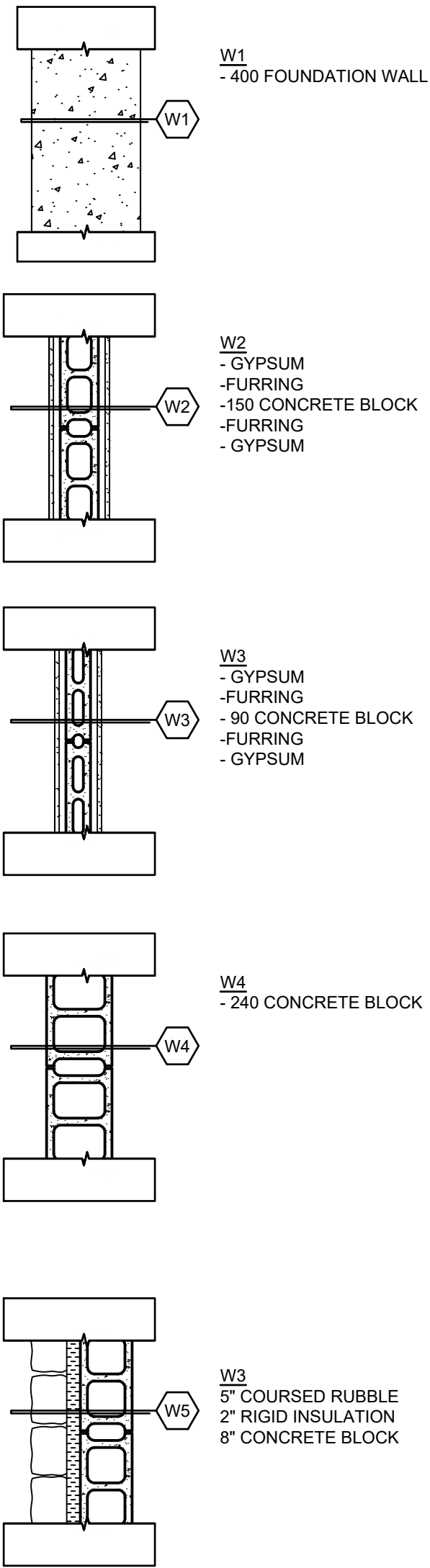
S12

LEGEND

DEMOLISH ALL


NOTES:

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3	ISSUED FOR 90% CLIENT REVIEW	17/07/20	
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20	
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20	
visions	description	date	



A detail no.
no. du detail



B location drawing no.
sur dessin no.

C drawing no.
dessin no.

project

SIR JOHN
CARLING WEST
ANNEX
DEMOLITION

930 CARLING AVE, OTTAWA, ON K1A 0Z2

project

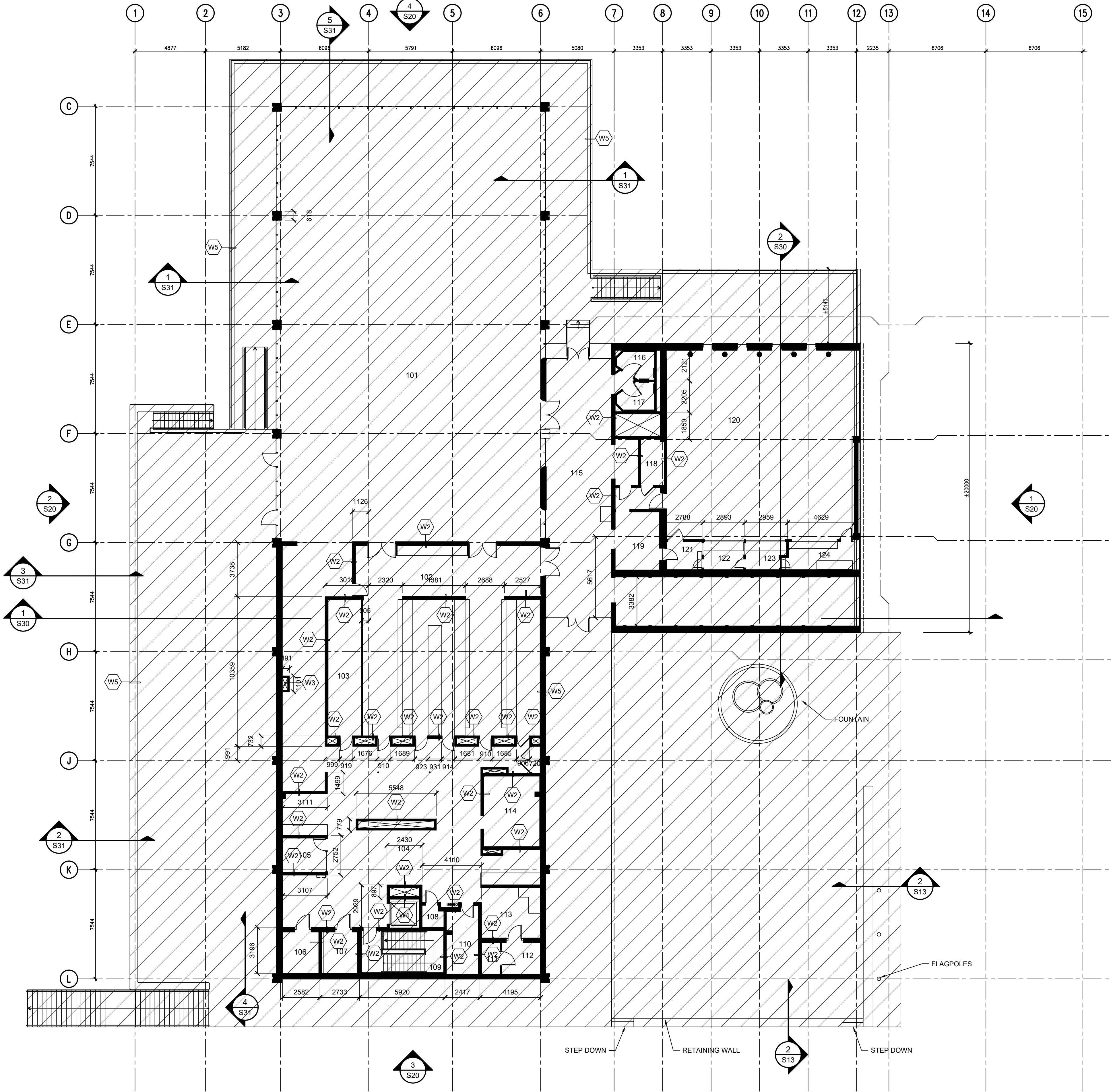
drawing

dessin

GROUND FLOOR
DEMOLITION

Designed By	TC	Conçu par
Date	03/27/20	(yyyy/mm/dd)
Drawn By	SWW	Dessiné par
Date	03/27/20	(yyyy/mm/dd)
Reviewed By	SB	Examiné par
Date	03/27/20	(yyyy/mm/dd)
Approved By	SB	Approuvé par
Date	03/27/20	(yyyy/mm/dd)
Sender		Soumission

Project Manager	Administrateur de projets
Project no.	No. du projet
R.096994	
Drawing no.	No. du dessin
S13	





1 GROUND FLOOR PLAN @ EL. 261.50
S13 SCALE: 1:150

2 COURTYARD RETAINING WALL
S13 SCALE: 1/8"=1'-0"

LEGEND

DEMOLISH ALL

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visions	description	date
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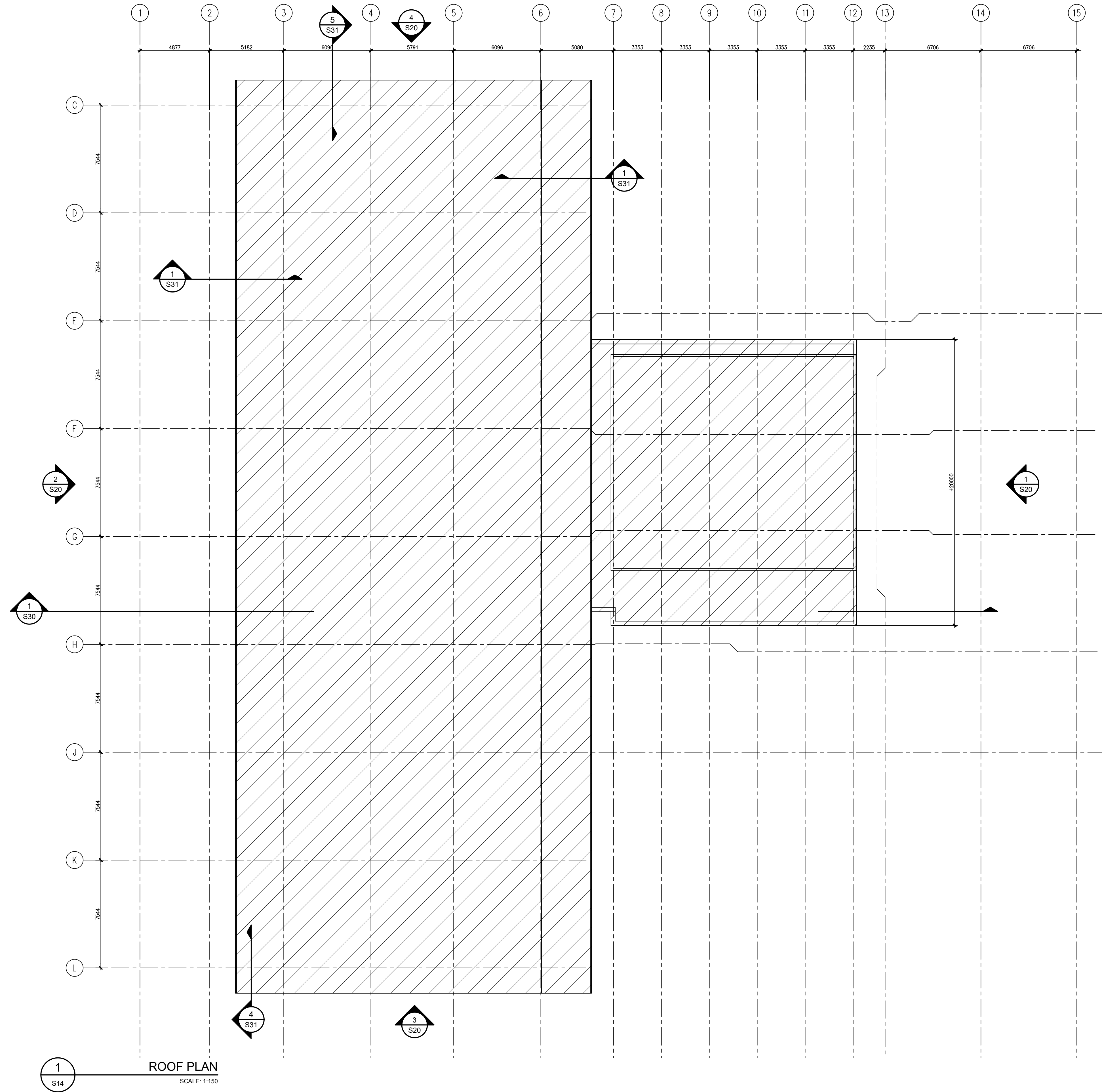
drawing

dessin


ROOF
DEMOLITION

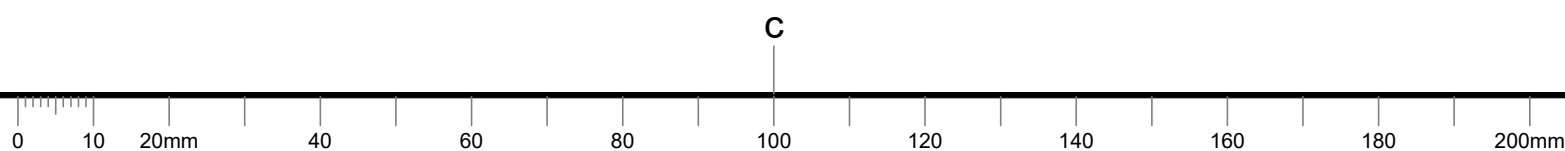
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Project no.	No. du projet

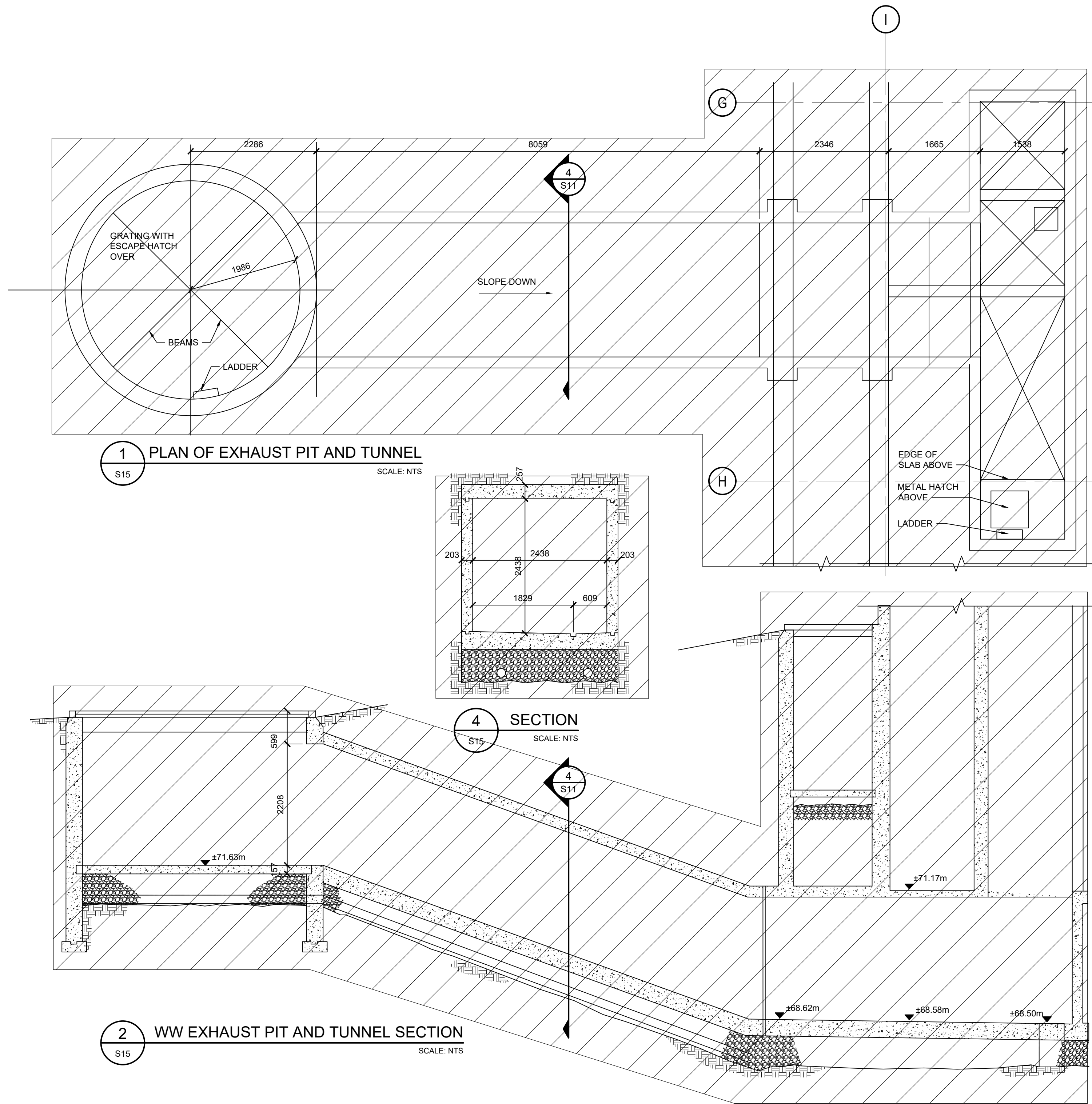
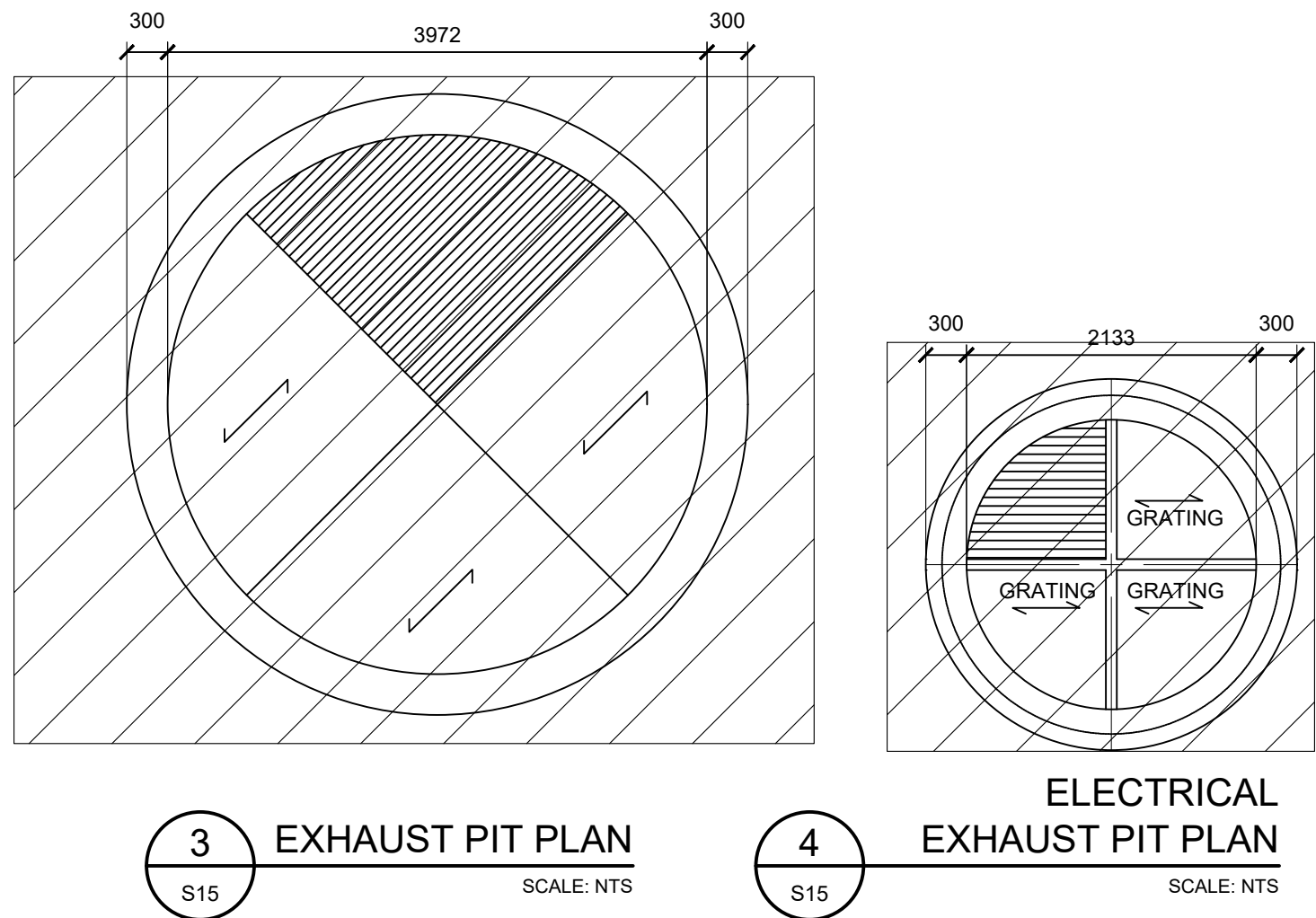
rawing no.	No. du dessin
S14	



LEGEND

 DEMOLISH ALL





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revisions	description	date
A	A detail no. no. du détail	A
C	B location drawing no. sur dessin no.	B
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project projet

**SIR JOHN
CARLING WEST
ANNEX
DEMOLITION**

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin

**SUB BASEMENT
DEMOLITION**

Designed By	TC	Conçu par
Date	03/27/20	(yyyy/mm/dd)
Drawn By	SWW	Dessiné par
Date	03/27/20	(yyyy/mm/dd)
Reviewed By	SB	Examiné par
Date	03/27/20	(yyyy/mm/dd)
Approved By	SB	Approuvé par
Date	03/27/20	(yyyy/mm/dd)
Tender		Soumission

Project Manager Administrateur de projets

Project no. No. du projet

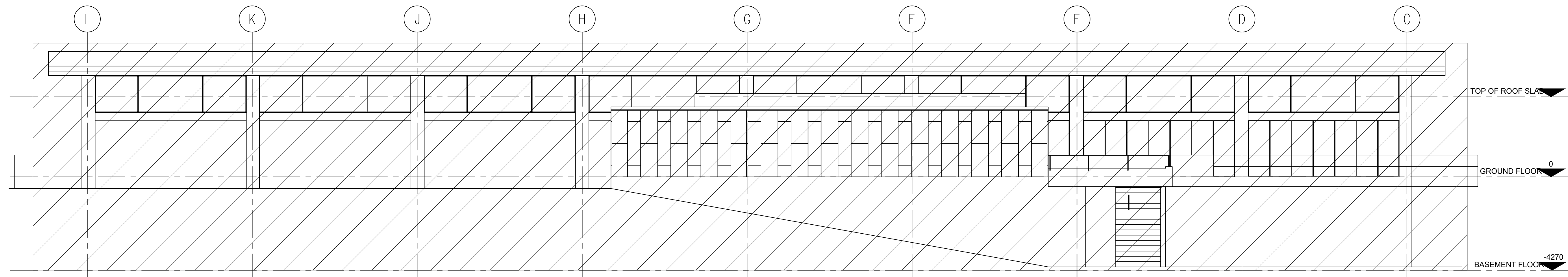
R.096994

Drawing no. No. du dessin

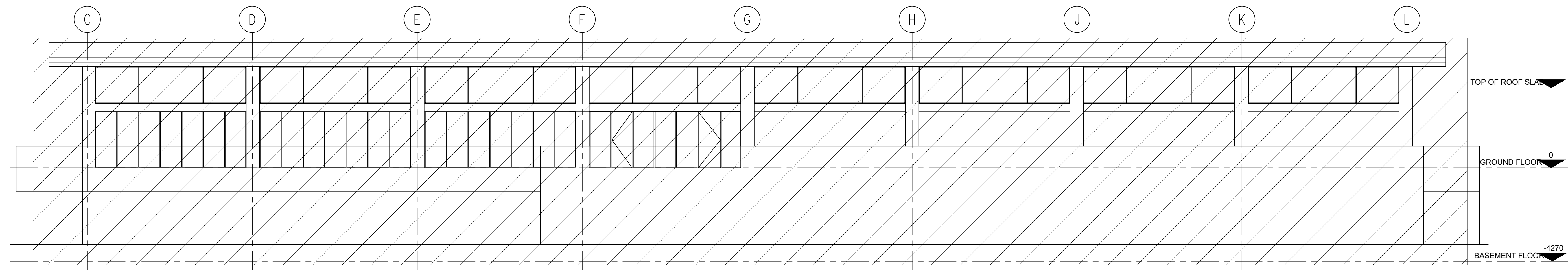
S15

LEGEND

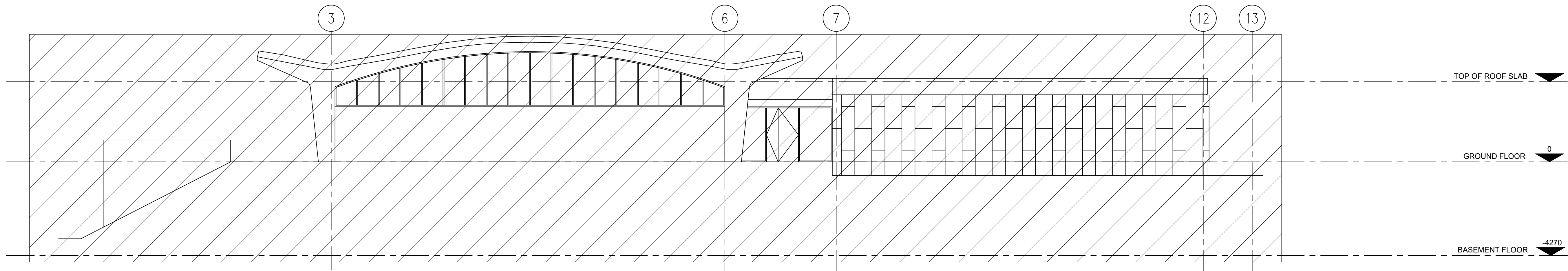
DEMOLISH ALL



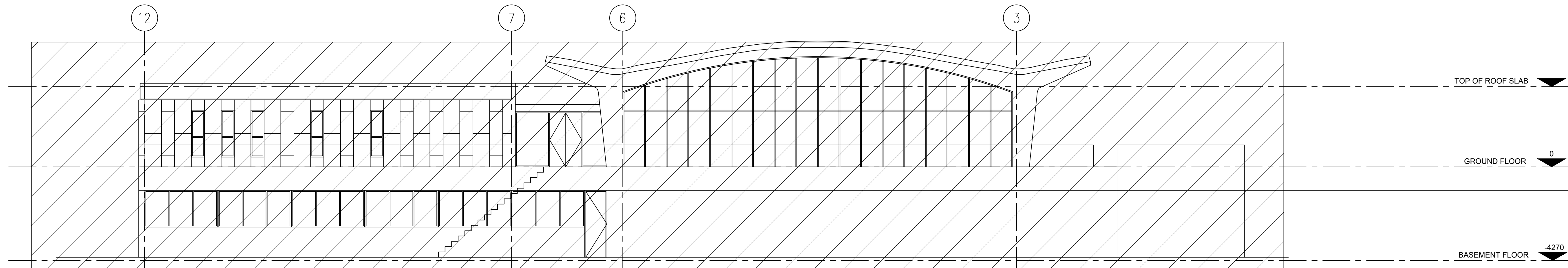
1 EAST ELEVATION
SCALE: 1:100



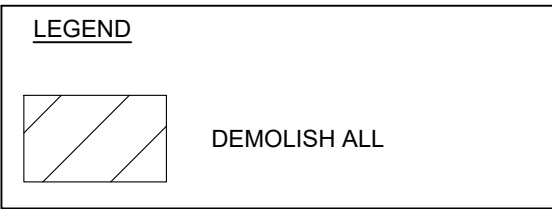
2 WEST ELEVATION
SCALE: 1:100



3 SOUTH ELEVATION
SCALE: 1:100



4 NORTH ELEVATION
SCALE: 1:100



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project projet

**SIR JOHN
CARLING WEST
ANNEX
DEMOLITION**

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin

**DEMOLITION
ELEVATIONS**

Designed By	TC	Conçu par
Date	03/27/20	(yyyy/mm/dd)
Drawn By	SWW	Dessiné par
Date	03/27/20	(yyyy/mm/dd)
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Tender		Soumission

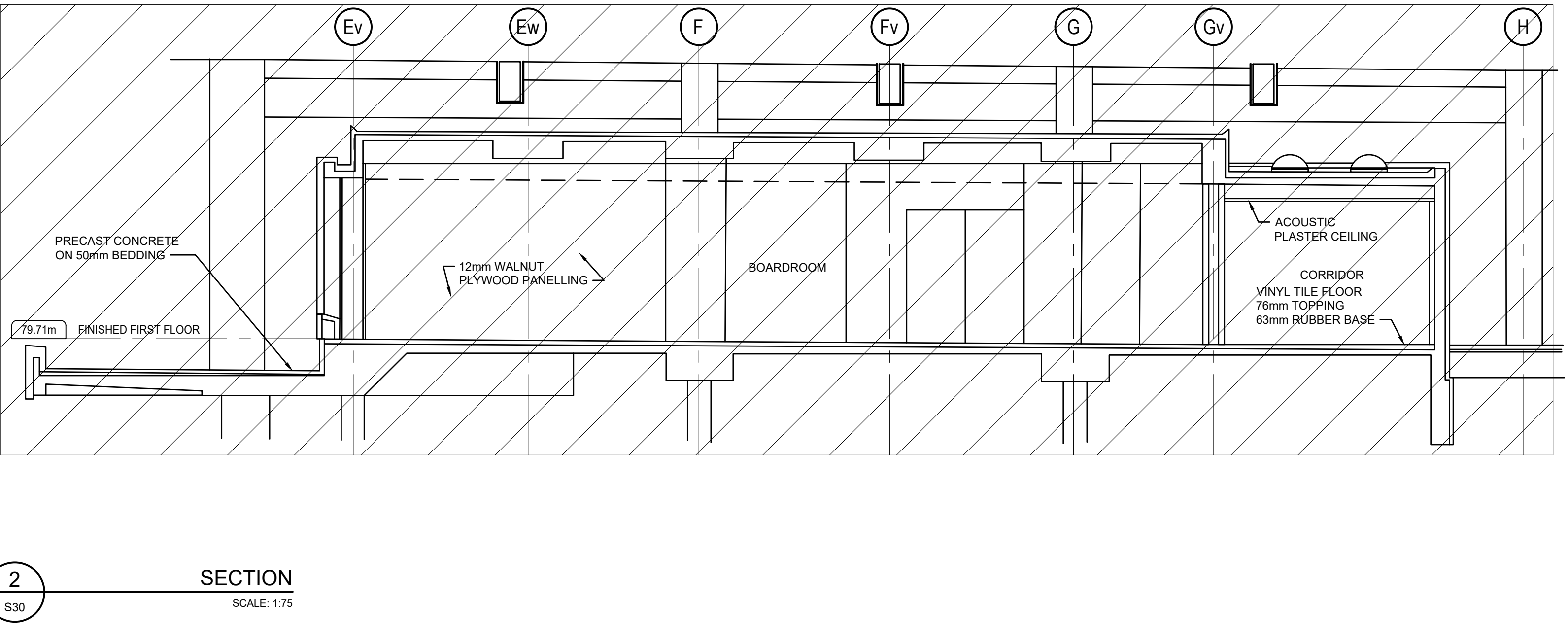
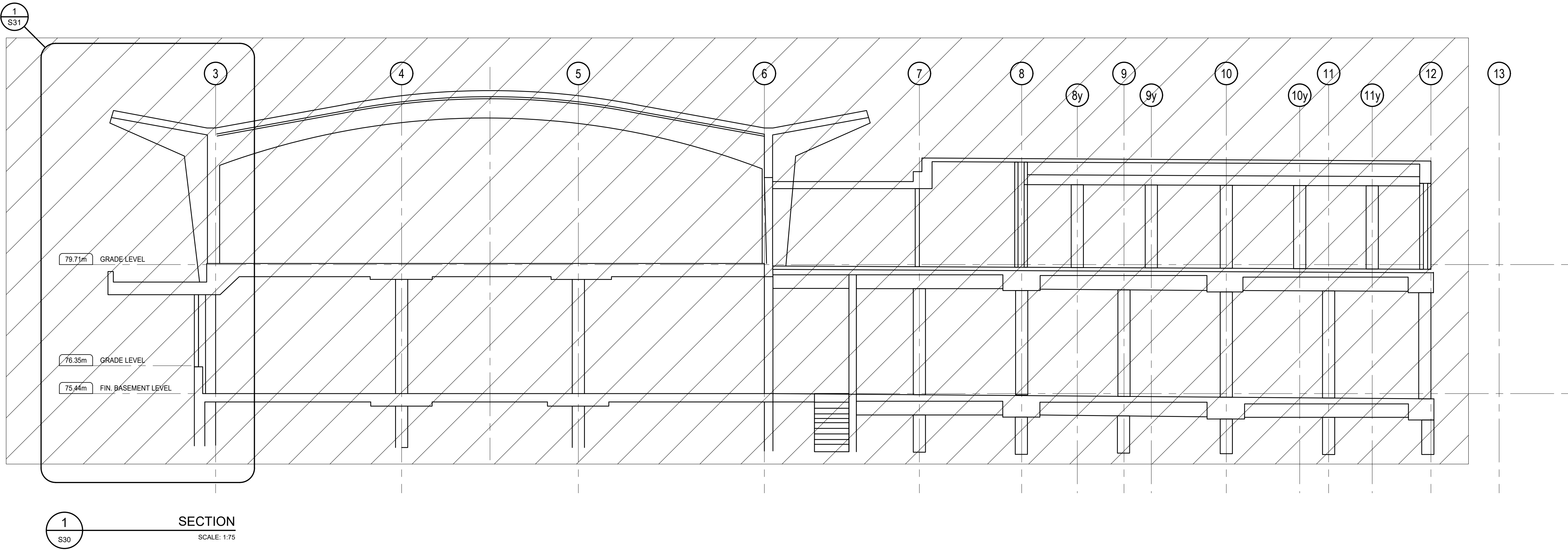
Project Manager Administrateur de projets

Project no. No. du projet

R.096994

Drawing no. No. du dessin

S20



Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

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project projet

SIR JOHN CARLING WEST ANNEX DEMOLITION

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin

DEMOLITION SECTIONS

Designed By	TC	Conçu par
Date	03/27/20	(yyyy/mm/dd)
Drawn By	SWW	Dessiné par
Date	03/27/20	(yyyy/mm/dd)
Reviewed By	SB	Examiné par
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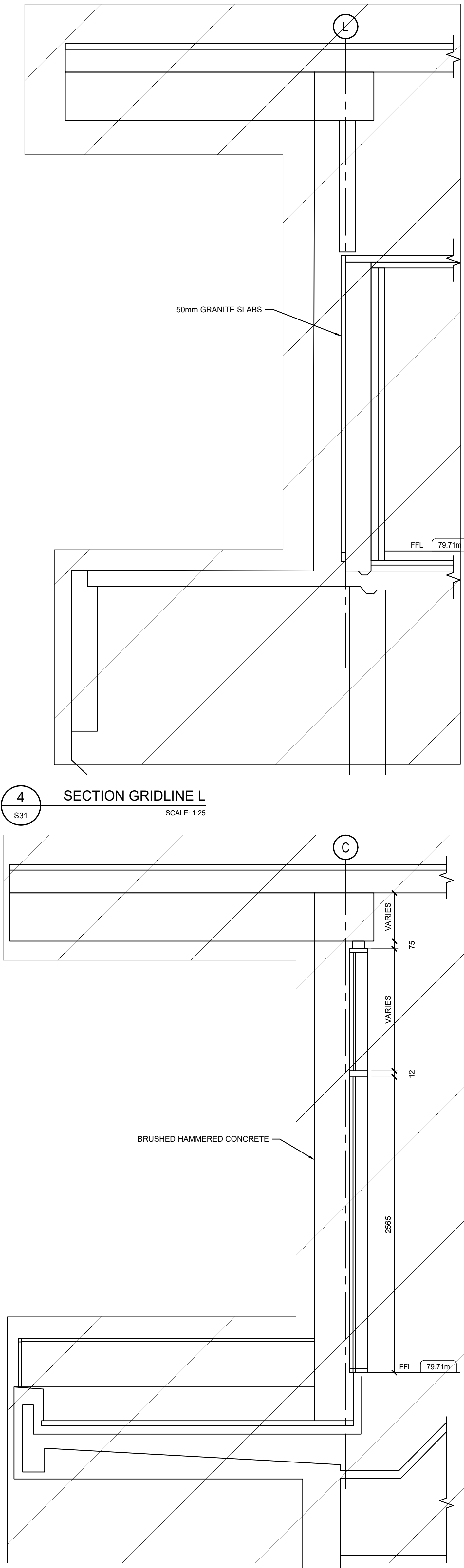
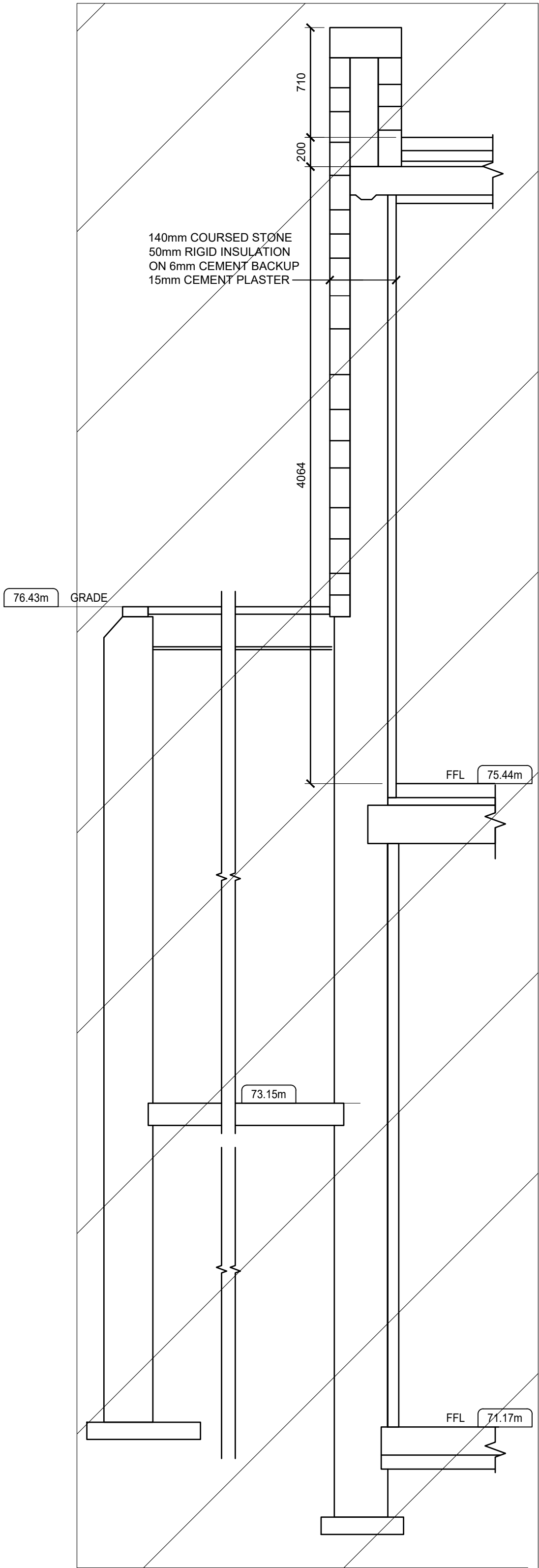
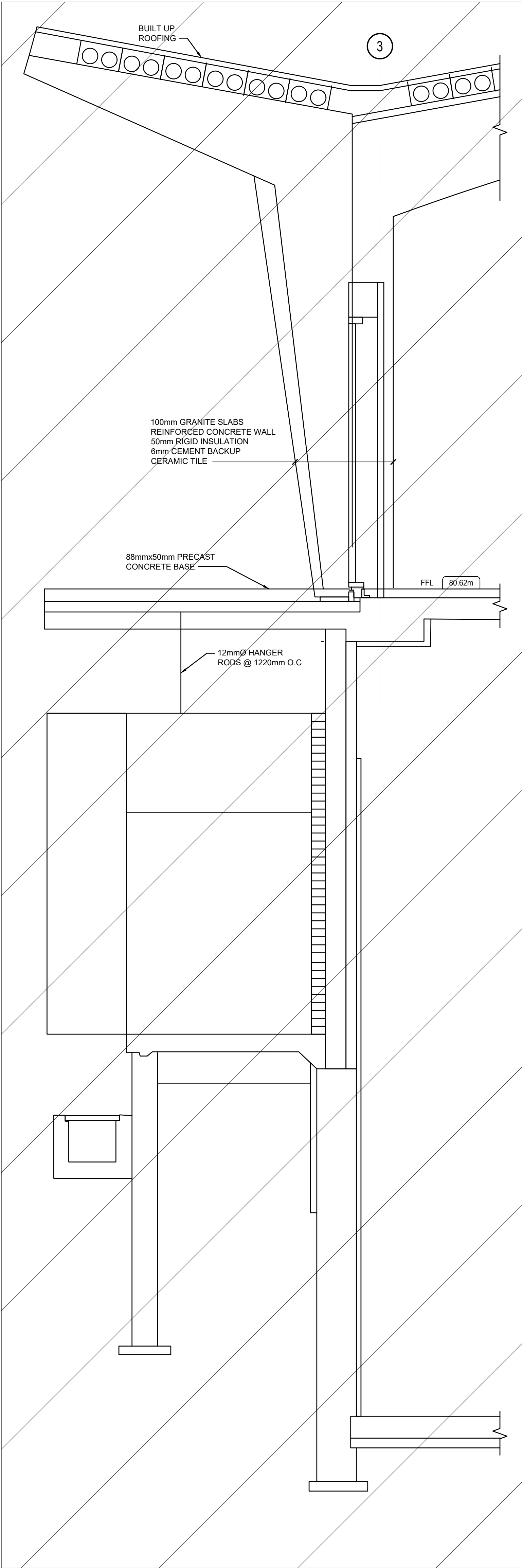
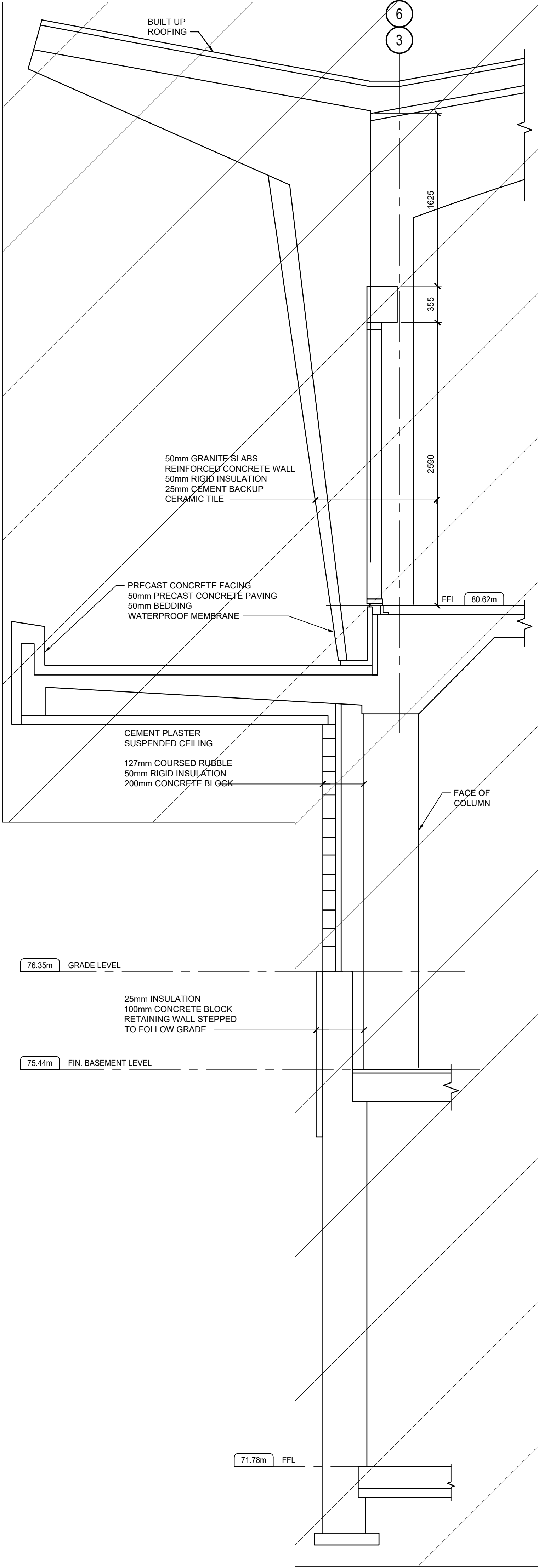
R.096994

Drawing no. No. du dessin

S30

LEGEND

DEMOLISH ALL



Public Works and Government Services Canada

Real Property Branch

Travaux publics et services gouvernementaux Canada

Direction générale des biens immobiliers

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20

revisions	description	date
A	A detail no. no. du détail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project

SIR JOHN CARLING WEST ANNEX DEMOLITION

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing

DEMOLITION SECTIONS

Designed By

TC

Conçu par

TC

Date

03/27/20

(yyyy/mm/dd)

Drawn By

SWW

Dessiné par

SWW

Date

03/27/20

(yyyy/mm/dd)

Reviewed By

SB

Examiné par

SB

Date

03/27/20

(yyyy/mm/dd)

Approved By

SB

Approuvé par

SB

Date

03/27/20

(yyyy/mm/dd)

Tender

Soumission

Project Manager

Administrateur de projets

Project no.

R.096994

No. du projet

Drawing no.

S31

No. du dessin

PIPING & VALVES	
	PIPE BREAK
	FLOW ARROW
	PIPE TEE DOWN
	PIPE TEE UP
	PIPE TEE
	PIPE ELBOW
	PIPE ANCHOR
	PIPE CAP
	PIPE RISE
	PIPE DROP
	PIPE REDUCER
	PIPE UNION
	FLEXIBLE PIPE CONNECTION
	BALL VALVE
	BUTTERFLY VALVE
	GATE VALVE
	GLOBE VALVE
	PLUG VALVE
	CHECK VALVE
	TRIPLE DUTY VALVE
	PRESSURE REDUCING VALVE
	PRESSURE RELIEF VALVE
	THREE WAY VALVE
	CIRCUIT BALANCING VALVE
	STRAINER
	VACUUM BREAKER
	AUTOMATIC AIR VENT
	THERMOMETER
	PRESSURE GAUGE
	PUMP

VENTILATION	
	SUPPLY/OUTSIDE AIR DUCT
	RETURN/EXHAUST AIR DUCT
	THERMALLY INSULATED DUCT
	ACOUSTICALLY INSULATED DUCT
	RIGID - FLEXIBLE DUCT
	SQUARE - ROUND TRANSITION
	FLEXIBLE DUCT CONNECTION
	TURNING VANES
	BALANCING DAMPER
	BACKDRAFT DAMPER
	FIRE DAMPER
	MOTORIZED DAMPER
	ACCESS DOOR
<div><div>IDENTIFIER</div><div>CAPACITY</div><div>SIZE</div><div>NECK SIZE</div><div>GRILLE, REGISTER & DIFFUSER IDENTIFIER</div></div>	

HEATING/COOLING	
	HEATING WATER SUPPLY
	HEATING WATER RETURN
	TEMPERED WATER
	GLYCOL SUPPLY
	GLYCOL RETURN
	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	CONDENSER WATER SUPPLY
	CONDENSER WATER RETURN
	REFRIGERANT LIQUID
	REFRIGERANT SUCTION
	CONDENSATE
	REFRIGERANT HOT GAS BYPASS
	HIGH PRESSURE STEAM
	LOW PRESSURE STEAM
	HIGH PRESSURE CONDENSATE
	LOW PRESSURE CONDENSATE
	STEAM TRAP

PLUMBING	
	DWV
	DWV
	DWV
	SANITARY ABOVE GRADE/FLOOR
	SANITARY BELOW GRADE/FLOOR
	STORM ABOVE GRADE/FLOOR
	STORM BELOW GRADE/FLOOR
	SANITARY INDIRECT DRAIN
	SANITARY VENT
	TRAP SEAL PRIMER
	CLEAN OUT
	FLOOR DRAIN
	FUNNEL FLOOR DRAIN
	HUB DRAIN
	ROOF DRAIN
	HOSE BIBB
	METER (GENERIC)
	DOUBLE CHECK BACKFLOW PREVENTOR
	REDUCED PRESSURE BACKFLOW PREVENTOR

SPECIALTY PIPING	
	NATURAL GAS
	PROPANE GAS
	VACUUM
	COMPRESSED AIR
	FUEL OIL SUPPLY
	FUEL OIL RETURN
	FUEL OIL VENT
	FUEL OIL FILL
	GAS METER

CONTROLS	
	THERMOSTAT
	HUMIDISTAT
	REFRIGERANT SENSOR
	CARBON DIOXIDE SENSOR
	TOGGLE SWITCH
	TEMPERATURE TRANSMITTER
	HUMIDITY TRANSMITTER
	PRESSURE TRANSMITTER
	FLOW SWITCH
	DIFFERENTIAL PRESSURE
	PRESSURE SWITCH
	FREEZE STAT
	SMOKE SENSOR
	ELECTRIC ACTUATOR
	PNEUMATIC ACTUATOR
	SOLENOID ACTUATOR
DEFINITIONS	
	NORMALLY OPEN
	NORMALLY CLOSED
	NEW ITEM
	ITEM TO BE REMOVED
	ITEM TO BE RELOCATED
CONTROL POINT IDENTIFIER	
TYP XXXXXXXX	
POINT IDENTIFICATION POINT TYPE:	
DI DIGITAL INPUT	
DO DIGITAL OUTPUT	
AI ANALOG INPUT	
AO ANALOG OUTPUT	

FIRE PROTECTION	
	SPRINKLER PIPING
	FIRE STANDPIPE
	PENDANT SPRINKLER HEAD
	UPRIGHT SPRINKLER HEAD
	SIDEWALL SPRINKLER HEAD
	SUPERVISED OS & Y GATE VALVE
	SUPERVISED BUTTERFLY VALVE
	ALARM CHECK VALVE
	BALL DRIP CHECK VALVE
	FIRE DEPARTMENT CONNECTIONS
	FIRE HOSE CABINET c/w FIRE EXT.
	FIRE EXTINGUISHER CABINET
	FIRE EXTINGUISHER

LIST OF MECHANICAL HVAC EQUIPMENT			
LEVEL	LOCATION	EQUIPMENT TYPE	DETAILS
SUB BASEMENT	EQUIPMENT ROOM	KITCHEN AHU (UNIT #34)	10,000 CFM
	EQUIPMENT ROOM	STEAM GENERATOR	1980 US GAL/HOUR @ 340°F EWT / 280°F LWT
	EQUIPMENT ROOM	SUB BASEMENT AHU (UNIT #35)	17,000 CFM
	EQUIPMENT ROOM	HEATING COIL ASSOCIATED WITH UNIT #35	9.6 GPM
	EQUIPMENT ROOM	PAN HUMIDIFIER ASSOCIATED WITH UNIT #36	340 LBS/HOUR
	EQUIPMENT ROOM	BASEMENT & SUB BASEMENT RETURN FAN (UNIT #37)	32,800 CFM
	EQUIPMENT ROOM	WEST WING GLYCOL SYSTEM CONVERTOR	218 GPM (50% ETHYLENE GLYCOL SOLUTION)
	EQUIPMENT ROOM	CAFETERIA & BOARDROOM AHU (UNIT #33)	21,300 CFM
	EQUIPMENT ROOM	CHILLED WATER COOLING COIL ASSOCIATED WITH UNIT #33	215 GPM
	EQUIPMENT ROOM	HEATING COIL ASSOCIATED WITH UNIT #41	17 GPM
BASEMENT	EQUIPMENT ROOM	KITCHEN EXHAUST FAN (UNIT #40)	21,400 CFM
	EQUIPMENT ROOM	CAFETERIA & BOARDROOM RETURN FAN (UNIT #41)	21,300 CFM
	EQUIPMENT ROOM	BASEMENT AHU (UNIT #35)	17,000 CFM
	EQUIPMENT ROOM	CHILLED WATER COOLING COIL ASSOCIATED WITH UNIT #35	129 GPM
	EQUIPMENT ROOM	HEATING COIL ASSOCIATED WITH UNIT #35	10.5 GPM
	EQUIPMENT ROOM	PAN HUMIDIFIER ASSOCIATED WITH UNIT #35	340 LBS/HOUR
	8009	GARBAGE ROOM UNIT HEATER	48,000 BTU
	8010	DX COOLER	8,700 BTU
	8011	UNIT HEATER	150,000 BTU
	8011	CONDENSING UNIT (FOR GRND FLR FREEZER)	2 HP
FIRST FLOOR	RM 102	EXHAUST HOOD	1800x700 mm (1000 CFM)
	RM 103	DISHWASHER EXHAUST HOOD	900x750 mm
	RM 103	DISHWASHER EXHAUST HOOD	1500x750 mm
	RM 104	SS EXHAUST HOOD	
	RM 106	DX COOLER	8000 BTU
	RM 107	DX COOLER	6200 BTU
	RM 111	DX COOLER	7800 BTU
	RM 112	DX COOLER	6000 BTU
	RM 114	SS KITCHEN EXHAUST HOOD	900x900 mm
	RM 114	SS OVEN EXHAUST HOOD	1500x900 mm

LIST OF PUMPS			
LEVEL	LOCATION	EQUIPMENT TYPE	DETAILS
SUB BASEMENT	EQUIPMENT ROOM	STEAM GEN. FEED PUMPS (X2)	INFORMATION NOT PROVIDED
	EQUIPMENT ROOM	HIGH TEMPERATURE HOT WATER PUMP	121 GPM (7.5 HP)
	EQUIPMENT ROOM	HIGH TEMPERATURE HOT WATER STANDBY PUMP	121 GPM (7.5 HP)
	EQUIPMENT ROOM	GLYCOL PUMP	218 GPM (3 HP)
	EQUIPMENT ROOM	GLYCOL PUMP	218 GPM (3 HP)
	EQUIPMENT ROOM	SNOW MELTING PANEL CIRCULATING PUMP	24 GPM (1 HP)

LIST OF PLUMBING EQUIPMENT			
LEVEL	LOCATION	EQUIPMENT TYPE	DETAILS
BASEMENT	EQUIPMENT ROOM	EXPANSION TANK	INFORMATION NOT PROVIDED
	EQUIPMENT ROOM	DOMESTIC HOT WATER TANK	800 US GAL
	EQUIPMENT ROOM	DOMESTIC HOT WATER CIRCULATORS	1/8 HP
	EQUIPMENT ROOM	DOMESTIC HOT WATER CIRCULATORS	1/10 HP

Public Works and Government Services Canada

Travaux publics et services gouvernementaux Canada

Real Property Branch

Direction générale des biens immobiliers

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

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1	ISSUED FOR 30% CLIENT REVIEW	31/03/20
revisions	description	date
A	A detail no.	A
C	no. du detail	C
	B location drawing no.	B
	sur dessin no.	C
	C drawing no.	
	dessin no.	

project

projet

SIR JOHN CARLING WEST ANNEX DEMOLITION

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing

dessin

MECHANICAL LEGEND

Designed By

ET

Conçu par

2020/05/10

(yyyy/mm/dd)

Drawn By

ET

Dessiné par

2020/05/10

(yyyy/mm/dd)

Reviewed By

BKB

Examiné par

2020/05/20

(yyyy/mm/dd)

Approved By

BKB

Approuvé par

2020/05/20

(yyyy/mm/dd)

Tender

Soumission

Project Manager

Administrateur de projets

Project no.

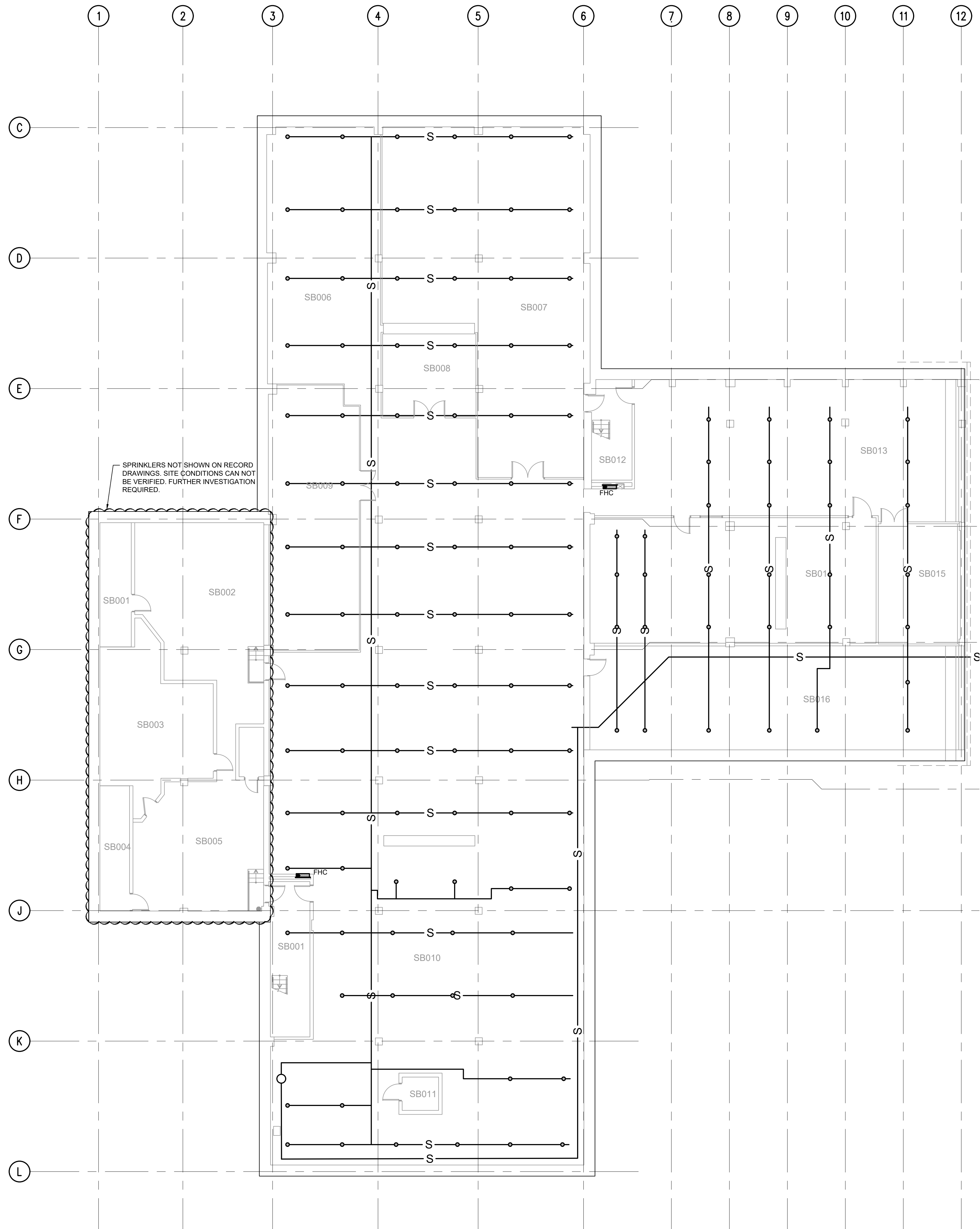
No. du projet

R.096994

Drawing no.

No. du dessin

M01



1 SUB BASEMENT FIRE PROTECTION LAYOUT
SCALE: 1:125

Public Works and
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Canada

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Travaux publics et
services gouvernementaux
Canada

Direction générale
des biens immobiliers

GENERAL NOTE:

- SUB BASEMENT COULD NOT BE SURVEYED DUE TO FLOODING. DRAWINGS ARE BASED ON RECORD DRAWINGS.
- FURTHER INVESTIGATION REQUIRED TO DETERMINE LOCATIONS OF FIRE EXTINGUISHERS AND FIRE HOSE CABINETS.
- ALL SPRINKLERS AND ASSOCIATED PIPING, FIRE HOSE CABINETS AND FIRE EXTINGUISHERS TO BE DEMOLISHED.

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20

revisions	description	date
A	A detail no. du detail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project

SIR JOHN
CARLING WEST
ANNEX
DEMOLITION
930 CARLING AVE, OTTAWA, ON K1A 0Z2

project

drawing

SUB BASEMENT
FIRE PROTECTION
LAYOUT

dessin

Designed By	ET	Conçu par
Date	2020/05/10	(yyyy/mm/dd)
Drawn By	ET	Dessiné par
Date	2020/05/10	(yyyy/mm/dd)
Reviewed By	BKB	Examiné par
Date	2020/05/20	(yyyy/mm/dd)
Approved By	BKB	Approuvé par
Date	2020/05/20	(yyyy/mm/dd)
Tender		Soumission

Project Manager	Administrateur de projets
Project no.	No. du projet
	R.096994
Drawing no.	No. du dessin
	M10

PWGSC B1 (1000 x 707)

0 10 20mm 40 60 80 100 120 140 160 180 200mm

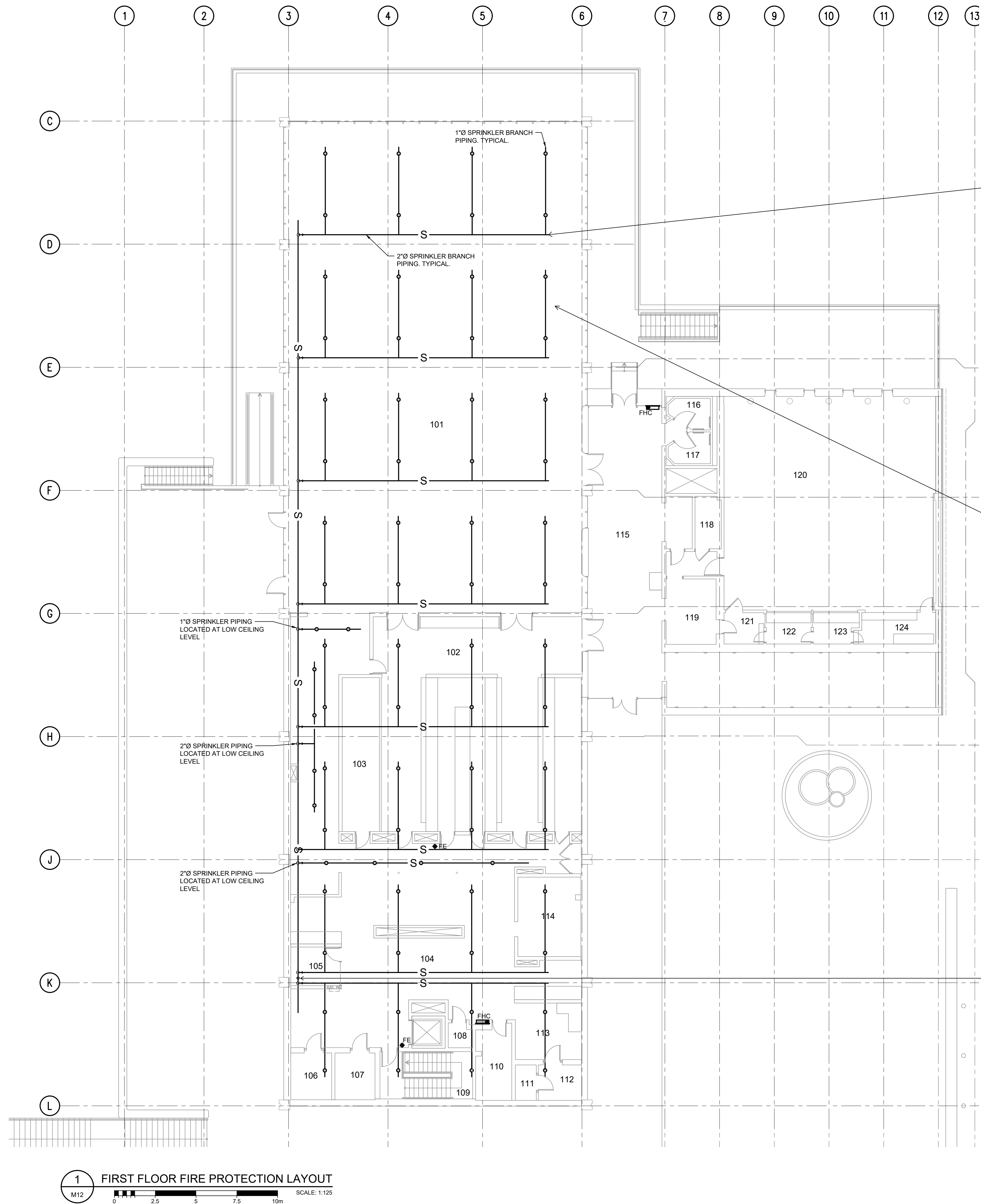
1. ALL FIRE EXTINGUISHERS, FIRE HOSE CABINETS, AND MANUAL PULL STATIONS TO BE DEMOLISHED.
2. ALL SPRINKLER PIPING WAS REMOVED DURING PREVIOUS PHASES OF DEMOLITION.

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20

Designed By	ET	Conçu par
Date	2020/05/10	(yyyy/mm/dd)
Drawn By	ET	Dessiné par
Date	2020/05/10	(yyyy/mm/dd)
Reviewed By	BKB	Examiné par
Date	2020/05/20	(yyyy/mm/dd)
Approved By	BKB	Approuvé par
Date	2020/05/20	(yyyy/mm/dd)
Sender		Soumission

drawing no. <div style="text-align: center; font-size: 24pt; font-weight: bold;">M11</div>	No. du dessin
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2 FIRST FLOOR SPRINKLER PIPING
M12
SCALE: NTS



3 FIRST FLOOR SPRINKLER PIPING
M12
SCALE: NTS



4 SPRINKLER RISER
M12
SCALE: NTS

GENERAL NOTES:

1. REMOVE ALL SPRINKLER PIPING AND ASSOCIATED SPRINKLER HEADS.
2. DEMOLISH ALL FIRE EXTINGUISHERS AND FIRE HOSE CABINETS.

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20

revisions	description	date
A	A detail no. no. du détail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project projet

SIR JOHN
CARLING WEST
ANNEX
DEMOLITION
930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin

GROUND FLOOR
FIRE PROTECTION
LAYOUT

Designed By ET Conçu par

Date 2020/03/17 (yyyy/mm/dd)

Drawn By ET Dessiné par

Date 2020/03/17 (yyyy/mm/dd)

Reviewed By BKB Examiné par

Date 2020/03/27 (yyyy/mm/dd)

Approved By BKB Approuvé par

Date 2020/03/27 (yyyy/mm/dd)

Tender Soumission

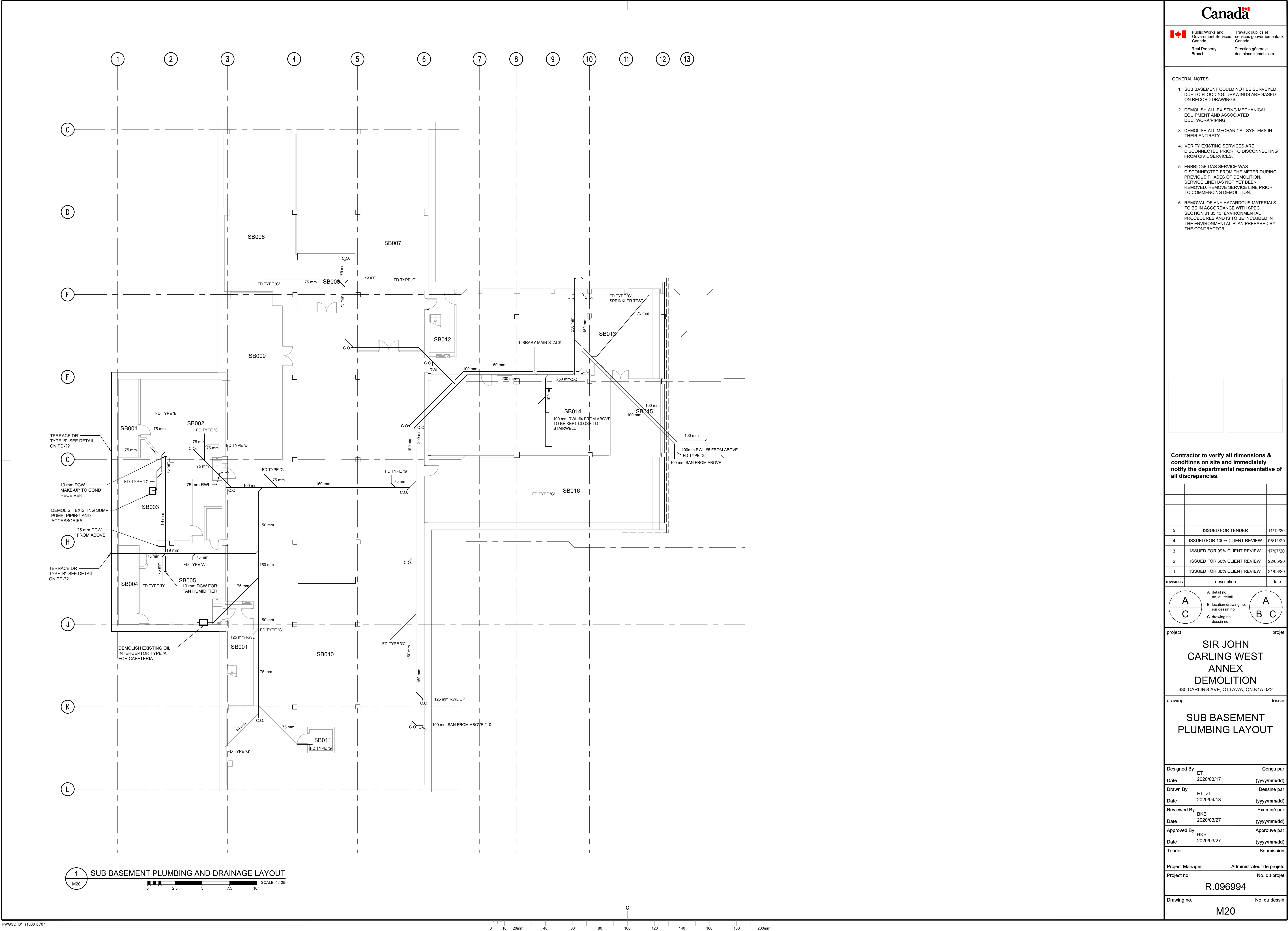
Project Manager Administrateur de projets

Project no. No. du projet

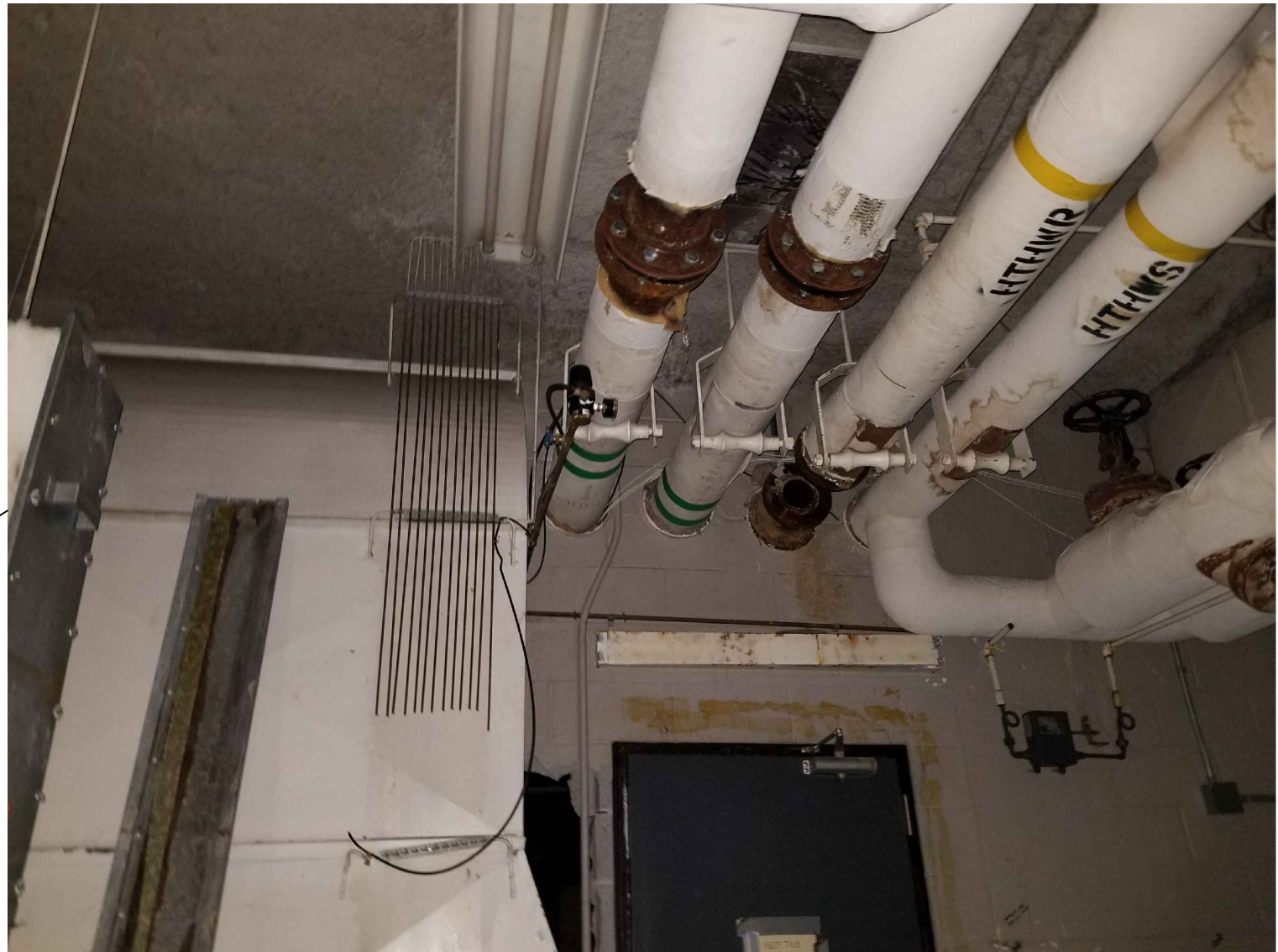
R.096994

Drawing no. No. du dessin

M12



- GENERAL NOTES:
- DOMESTIC WATER PIPING HAS BEEN REMOVED IN A PREVIOUS PHASE OF DEMOLITION AND IS NOT INCLUDED IN THIS PHASE.
 - DEMOLISH ALL REMAINING EXISTING MECHANICAL EQUIPMENT AND ASSOCIATED DUCTWORK/PIPING.
 - DEMOLISH ALL MECHANICAL SYSTEMS IN THEIR ENTIRETY.
 - VERIFY EXISTING SERVICES ARE DISCONNECTED PRIOR TO DISCONNECTING FROM CIVIL SERVICES.
 - ENBRIDGE GAS SERVICE WAS DISCONNECTED FROM THE METER DURING PREVIOUS PHASES OF DEMOLITION. SERVICE LINE HAS NOT YET BEEN REMOVED. REMOVE SERVICE LINE PRIOR TO COMMENCING DEMOLITION.
 - REMOVAL OF ANY HAZARDOUS MATERIALS TO BE IN ACCORDANCE WITH SPEC SECTION 01 35 43, ENVIRONMENTAL PROCEDURES AND IS TO BE INCLUDED IN THE ENVIRONMENTAL PLAN PREPARED BY THE CONTRACTOR.



2 CHILLED AND HOT WATER PIPING
M21 SCALE:NTS

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20

revisions	description	date
A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no. C drawing no. dessin no.	B C

project project

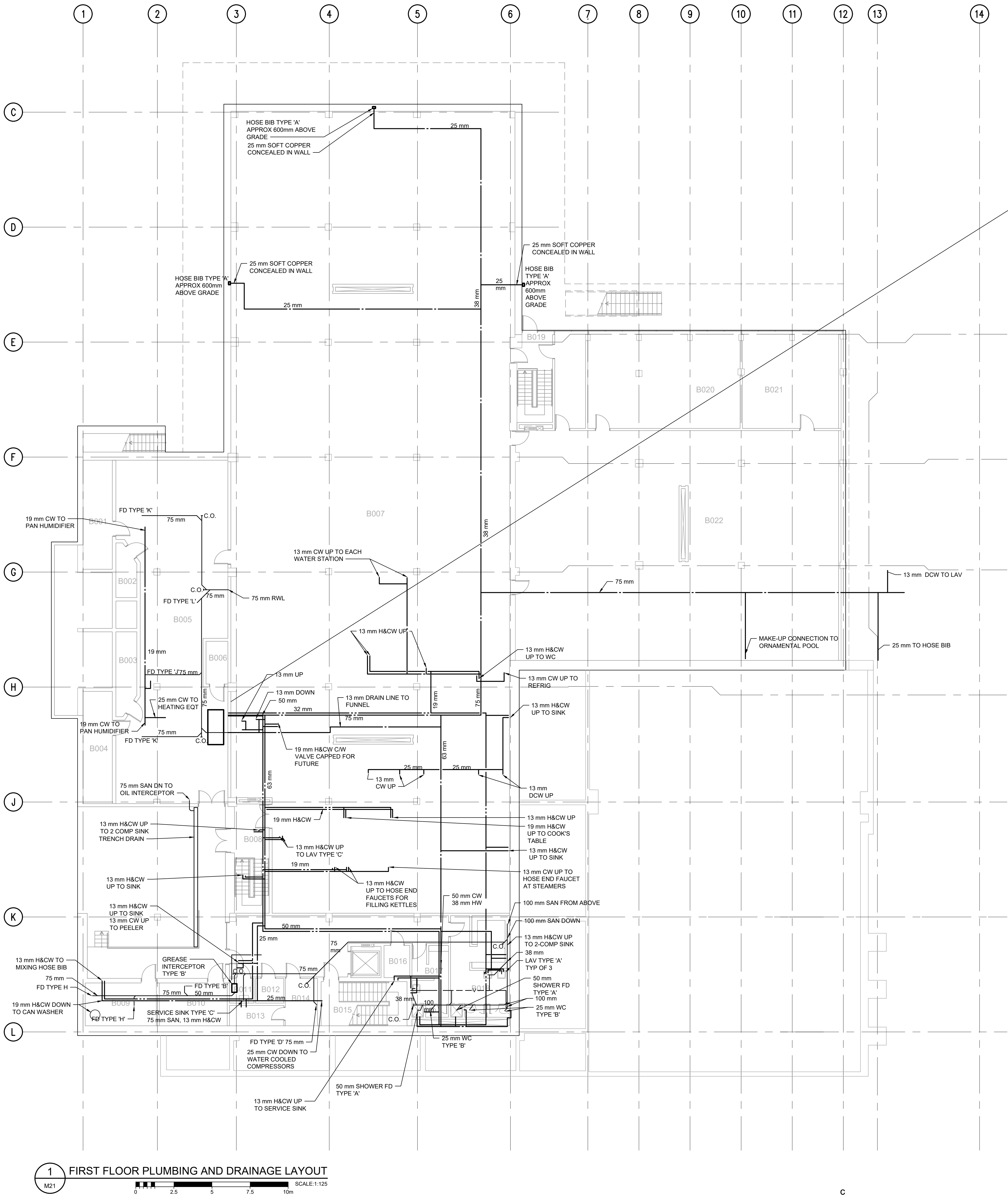
SIR JOHN CARLING WEST ANNEX DEMOLITION

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin

BASEMENT PLUMBING AND DRAINAGE LAYOUT



Designed By	ET	Conçu par
Date	2020/03/17	(yyyy/mm/dd)
Drawn By	ET, ZL	Dessiné par
Date	2020/04/16	(yyyy/mm/dd)
Reviewed By	BKB	Examiné par
Date	2020/03/27	(yyyy/mm/dd)
Approved By	BKB	Approuvé par
Date	2020/03/27	(yyyy/mm/dd)
Tender		Soumission
Project Manager	Administrateur de projets	
Project no.	No. du projet	
	R.096994	
Drawing no.	No. du dessin	
	M21	



1 FIRST FLOOR PLUMBING AND DRAINAGE LAYOUT
M21 SCALE:1:125

1. DOMESTIC WATER PIPING HAS BEEN REMOVED IN A PREVIOUS PHASE OF DEMOLITION AND IS NOT INCLUDED IN THIS PHASE.
2. DEMOLISH ALL REMAINING EXISTING MECHANICAL EQUIPMENT AND ASSOCIATED DUCTWORK/PIPING.
3. DEMOLISH ALL MECHANICAL SYSTEMS IN THEIR ENTIRETY.
4. VERIFY EXISTING SERVICES ARE DISCONNECTED PRIOR TO DISCONNECTING FROM CIVIL SERVICES.
5. ENBRIDGE GAS SERVICE WAS DISCONNECTED FROM THE METER DURING PREVIOUS PHASES OF DEMOLITION. SERVICE LINE HAS NOT YET BEEN REMOVED. REMOVE SERVICE LINE PRIOR TO COMMENCING DEMOLITION.
6. REMOVAL OF ANY HAZARDOUS MATERIALS TO BE IN ACCORDANCE WITH SPEC SECTION 01 35.43, ENVIRONMENTAL PROCEDURES AND IS TO BE INCLUDED IN THE ENVIRONMENTAL PLAN PREPARED BY THE CONTRACTOR.

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20

visions	description	date
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	<p>B location drawing no. sur dessin no.</p>	
	<p>C drawing no. dessin no.</p>	

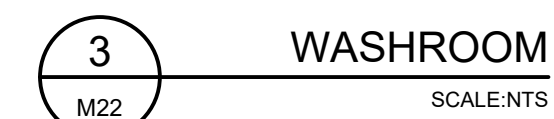
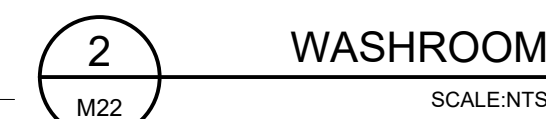
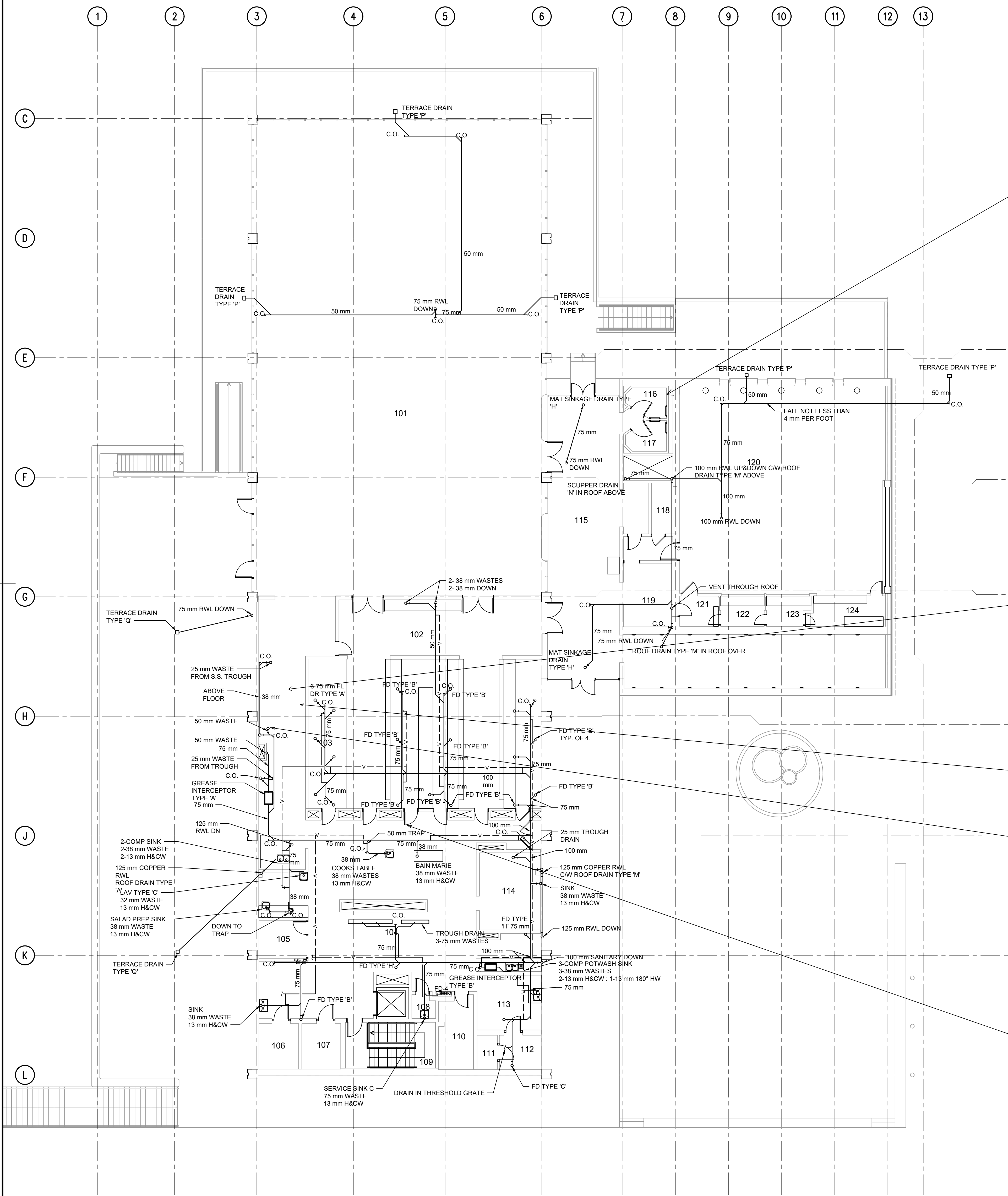
SIR JOHN
CARLING WEST
ANNEX
DEMOLITION

FIRST FLOOR PLUMBING AND DRAINAGE LAYOUT

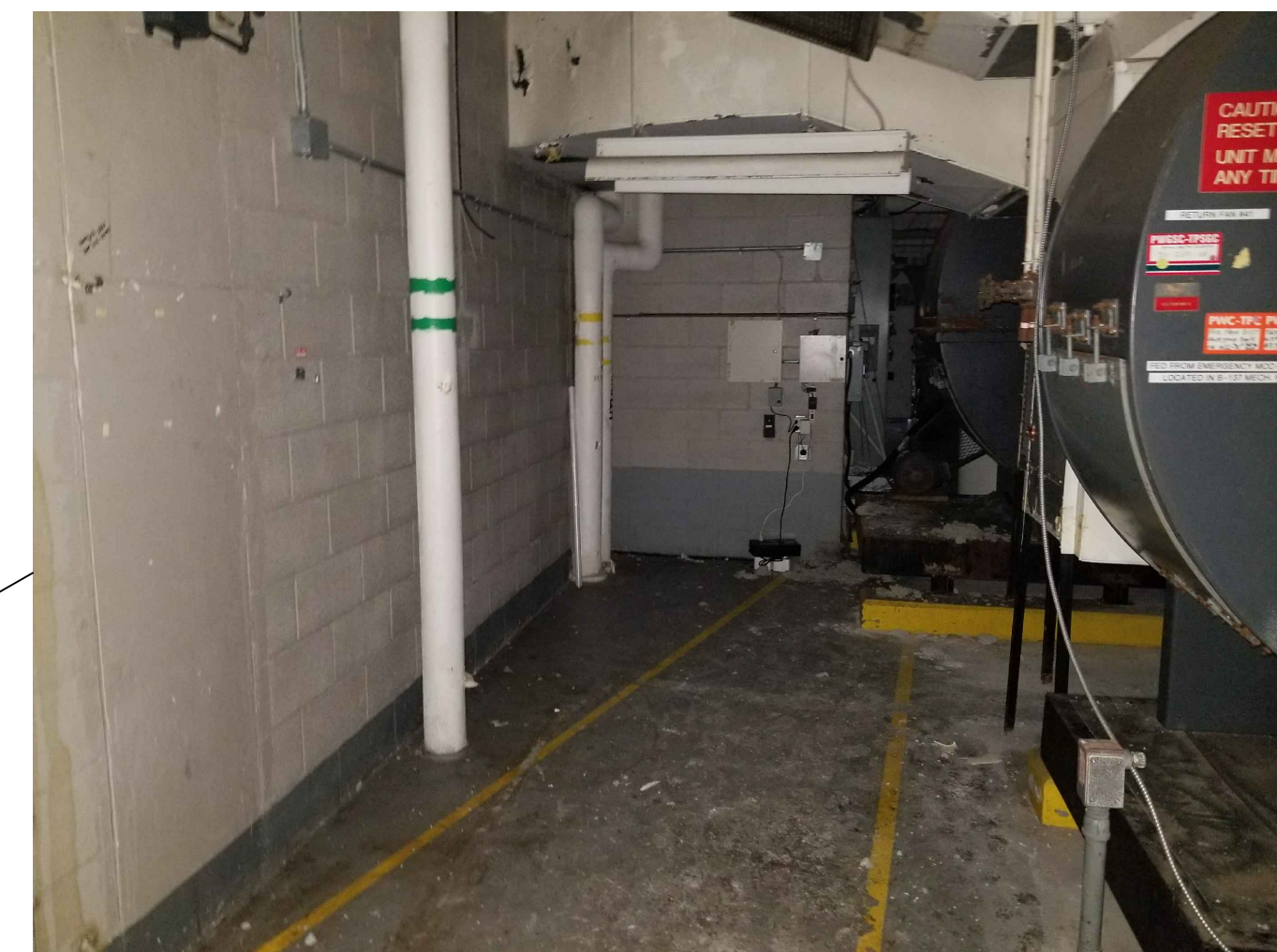
Designed By	ET	Conçu par
Date	2020/03/17	(yyyy/mm/dd)
Drawn By	ET, ZL	Dessiné par
Date	2020/04/16	(yyyy/mm/dd)
Reviewed By	BKB	Examiné par
Date	2020/03/27	(yyyy/mm/dd)
Approved By	BKB	Approuvé par
Date	2020/03/27	(yyyy/mm/dd)
Sender		Soumission

Project Manager	Administrateur de projets
Project no.	No. du projet

R.096994	
rawing no.	No. du dessin
M22	



- GENERAL NOTES:
1. DEMOLISH ALL REMAINING EXISTING MECHANICAL EQUIPMENT AND ASSOCIATED DUCTWORK/PIPING.
 2. DEMOLISH ALL MECHANICAL SYSTEMS IN THEIR ENTIRETY.
 3. COORDINATE MECHANICAL DEMOLITION EFFORTS WITH ALL OTHER TRADES AND OWNER.
 4. VERIFY EXISTING SERVICES ARE DISCONNECTED PRIOR TO DISCONNECTING FROM CIVIL SERVICES.
 5. ENBRIDGE GAS SERVICE WAS DISCONNECTED FROM THE METER DURING PREVIOUS PHASES OF DEMOLITION. SERVICE LINE HAS NOT YET BEEN REMOVED. REMOVE SERVICE LINE PRIOR TO COMMENCING DEMOLITION.
 6. REMOVAL OF ANY HAZARDOUS MATERIALS TO BE IN ACCORDANCE WITH SPEC SECTION 01 35 43, ENVIRONMENTAL PROCEDURES AND IS TO BE INCLUDED IN THE ENVIRONMENTAL PLAN PREPARED BY THE CONTRACTOR.



1 EXHAUST FAN
SCALE: NTS

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

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A	A detail no. of detail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

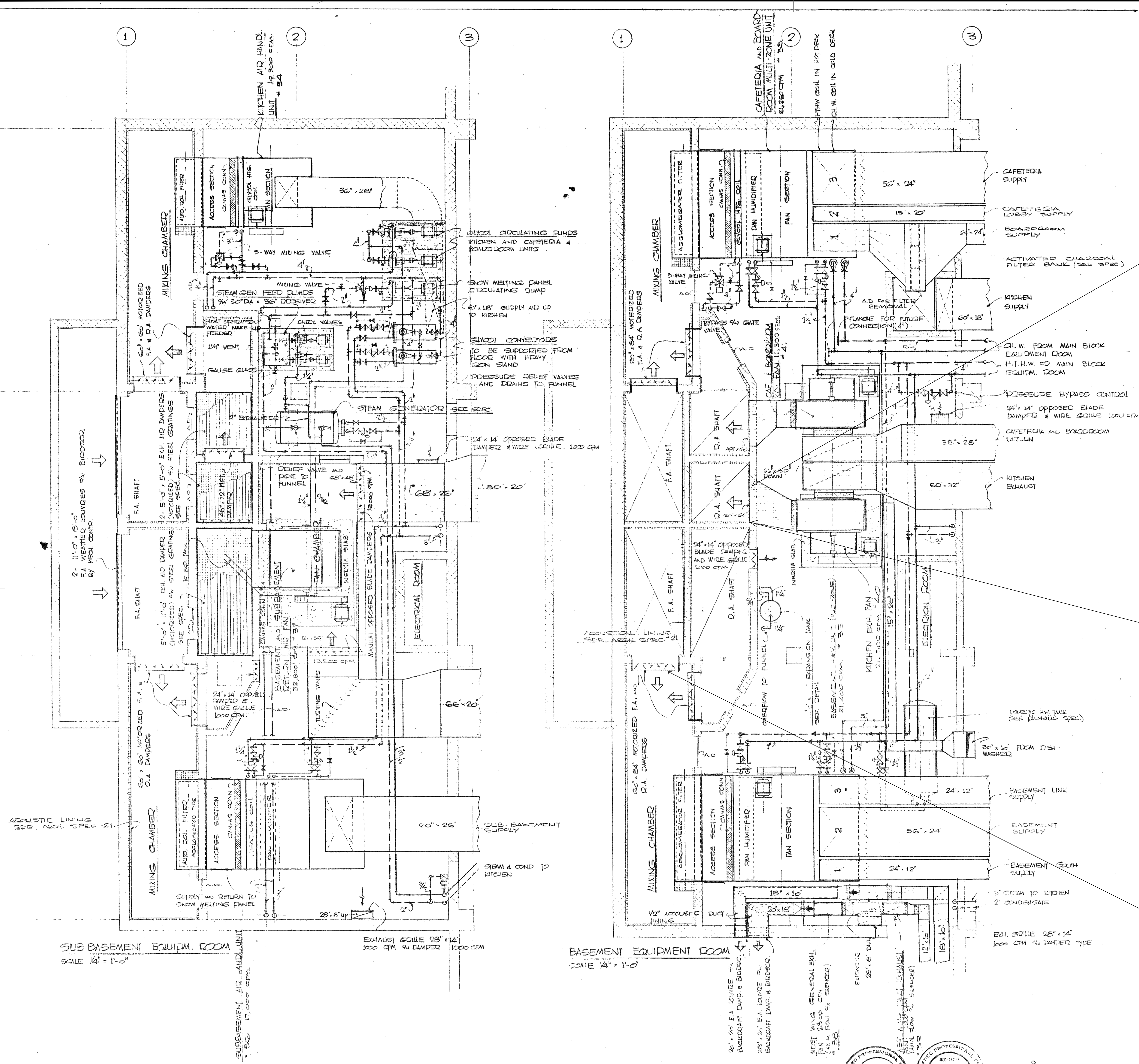
project project
SIR JOHN CARLING WEST ANNEX DEMOLITION
930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin
BASEMENT AND SUB-BASEMENT EQUIPMENT ROOM LAYOUT

Designed By	ET	Conçu par
Date	2020/03/17	(yyyy/mm/dd)
Drawn By	ET	Dessiné par
Date	2020/03/17	(yyyy/mm/dd)
Reviewed By	BKB	Examiné par
Date	2020/03/27	(yyyy/mm/dd)
Approved By	BKB	Approuvé par
Date	2020/03/27	(yyyy/mm/dd)
Tender		Soumission

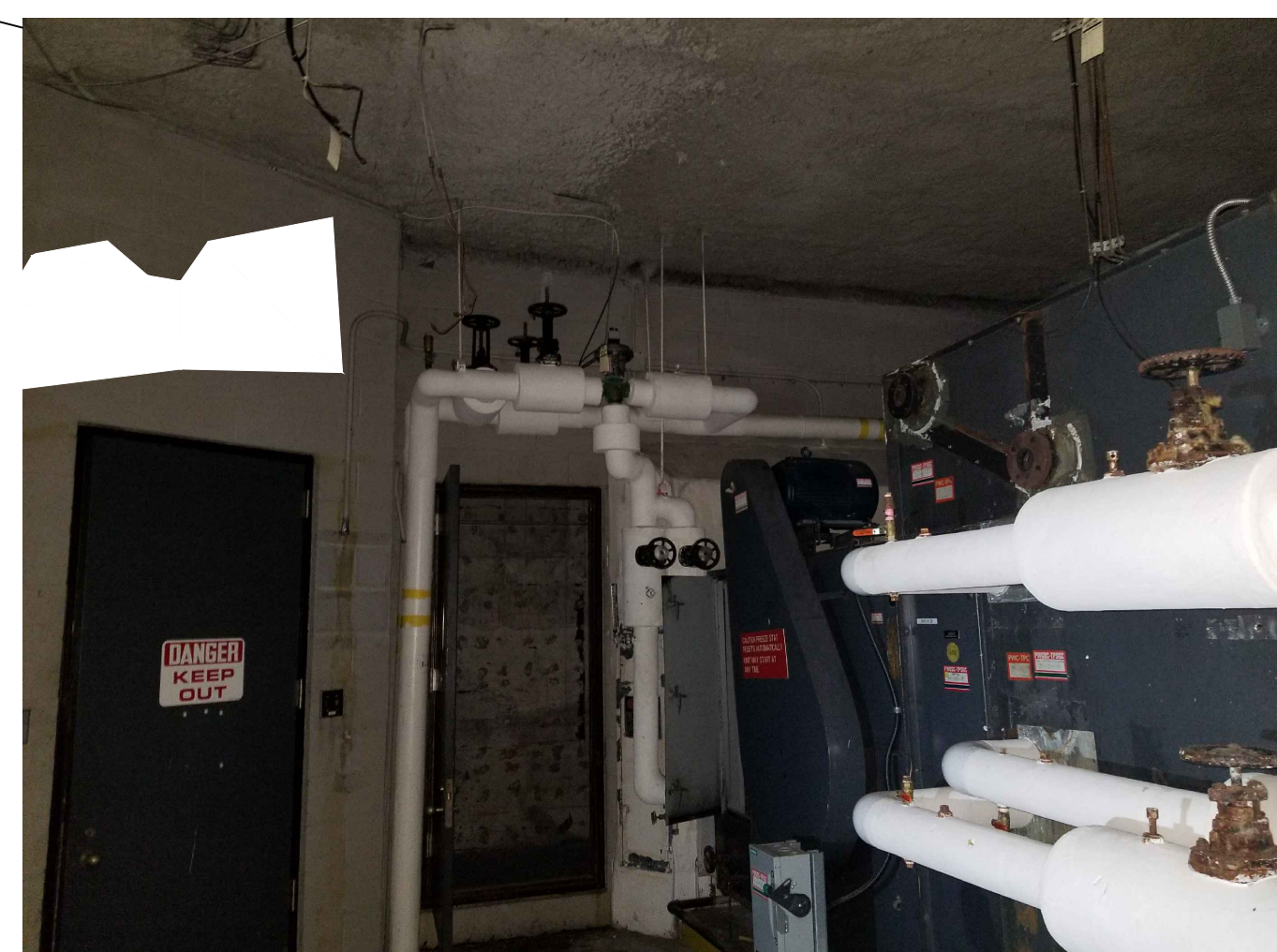
Project Manager Administrateur de projets
Project no. No. du projet
R.096994

Drawing no. No. du dessin
M30

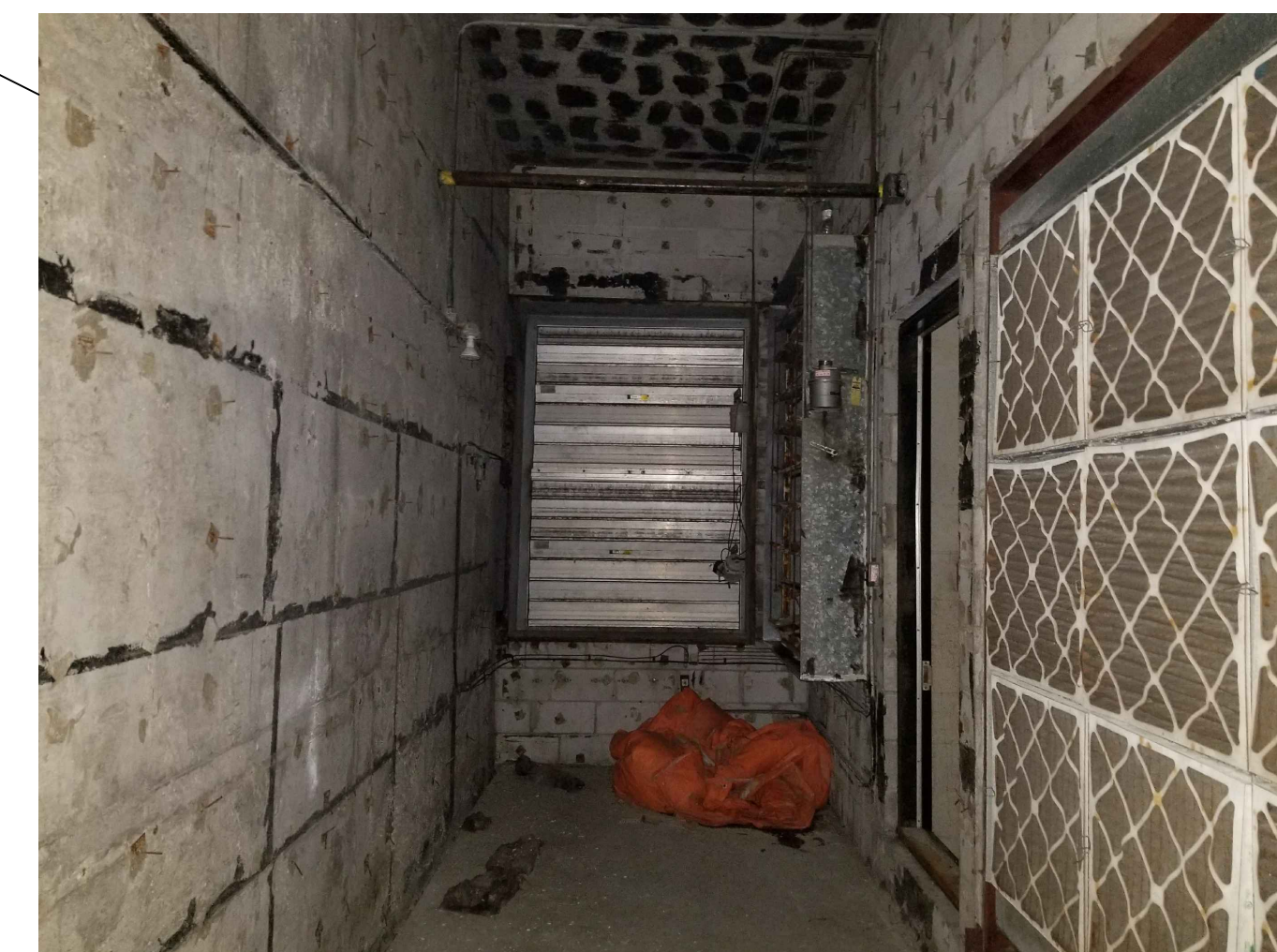


1 SUB BASEMENT EQUIPMENT ROOM HVAC LAYOUT
SCALE: NTS

2 BASEMENT EQUIPMENT ROOM HVAC LAYOUT
SCALE: NTS



2 AIR HANDLING UNIT
SCALE: NTS



3 MIXING CHAMBER
SCALE: NTS

1. SUB BASEMENT COULD NOT BE SURVEYED DUE TO FLOODING. DRAWINGS ARE BASED ON RECORD DRAWINGS.
2. REMOVE ALL REMAINING EXISTING MECHANICAL EQUIPMENT AND ASSOCIATED DUCTWORK/PIPING.
3. REMOVE ALL MECHANICAL SYSTEMS IN THEIR ENTIRETY.
4. VERIFY EXISTING SERVICES ARE DISCONNECTED PRIOR TO DISCONNECTING FROM CIVIL SERVICES.
5. ENBRIDGE GAS SERVICE WAS DISCONNECTED FROM THE METER DURING PREVIOUS PHASES OF DEMOLITION. SERVICE LINE HAS NOT YET BEEN REMOVED. REMOVE SERVICE LINE PRIOR TO COMMENCING DEMOLITION.
6. REMOVAL OF ANY HAZARDOUS MATERIALS TO BE IN ACCORDANCE WITH SPEC SECTION 01 35 43, ENVIRONMENTAL PROCEDURES AND TO BE INCLUDED IN THE ENVIRONMENTAL PLAN PREPARED BY THE CONTRACTOR.

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20
visions	description	date

An architectural drawing of a building facade. The building is a simple rectangular structure with a flat roof. A large, dark rectangular sign is mounted on the front facade. The sign contains the text "SIR JOHN CARLING WEST ANNEX DEMOLITION" in large, bold, white capital letters. Below this, in smaller white capital letters, is the address "930 CARLING AVE, OTTAWA, ON K1A 0Z2". The drawing is a line drawing with some shading to indicate depth. The overall style is that of a technical or architectural sketch.

Designed By	BKB	Conçu par
Date	2020/03/17	(yyyy/mm/dd)
Drawn By	ET	Dessiné par
Date	2020/03/17	(yyyy/mm/dd)
Reviewed By	BKB	Examiné par
Date	2020/03/27	(yyyy/mm/dd)
Approved By	BKB	Approuvé par
Date	2020/03/27	(yyyy/mm/dd)
Sender		Soumission

Drawing no. <div style="text-align: center; font-size: 24pt; font-weight: bold;">M31</div>	No. du dessin
---	---------------



1. DEMOLISH ALL REMAINING EXISTING MECHANICAL EQUIPMENT AND ASSOCIATED DUCTWORK/PIPING.
2. DEMOLISH ALL MECHANICAL SYSTEMS IN THEIR ENTIRETY.
3. VERIFY EXISTING SERVICES ARE DISCONNECTED PRIOR TO DISCONNECTING FROM CIVIL SERVICES.
4. ENBRIDGE GAS SERVICE WAS DISCONNECTED FROM THE METER DURING PREVIOUS PHASES OF DEMOLITION. SERVICE LINE HAS NOT YET BEEN REMOVED. REMOVE SERVICE LINE PRIOR TO COMMENCING DEMOLITION.
5. REMOVAL OF ANY HAZARDOUS MATERIALS TO BE IN ACCORDANCE WITH SPEC SECTION 01 35.4, ENVIRONMENTAL PROCEDURES AND IS TO BE INCLUDED IN THE ENVIRONMENTAL PLAN PREPARED BY THE CONTRACTOR.

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20
visions	description	date

A

no. du detail

B

location drawing no.

sur dessin no.

C

drawing no.

dessin no.

A

B

C

project

SIR JOHN
CARLING WEST
ANNEX
DEMOLITION

930 CARLING AVE, OTTAWA, ON K1A 0Z2

project

drawing

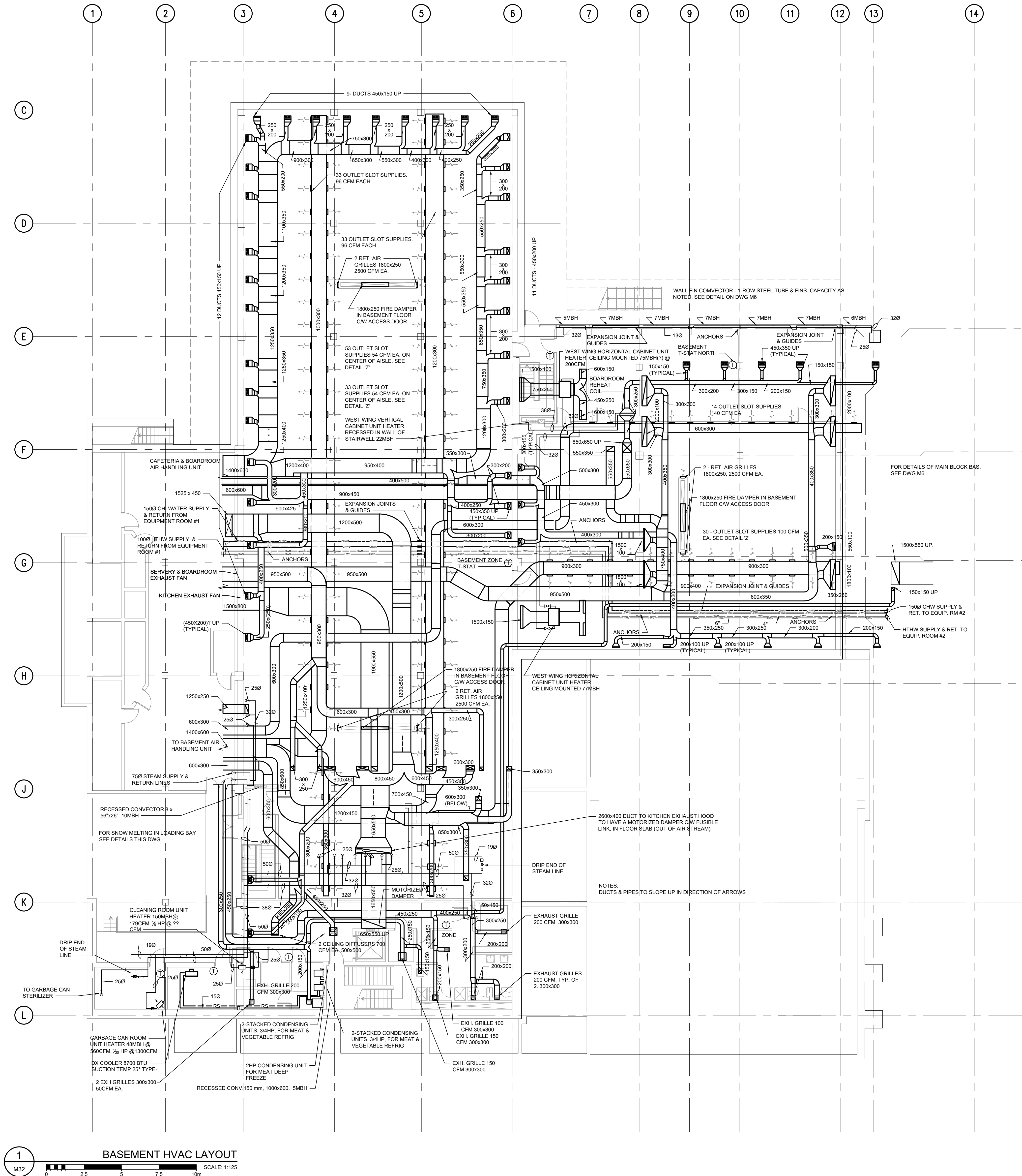
dessin

BASEMENT HVAC
LAYOUT

Designed By	ET	Conçu par
Date	2020/03/17	(yyyy/mm/dd)
Drawn By	ET	Dessiné par
Date	2020/03/17	(yyyy/mm/dd)
Reviewed By	BKB	Examiné par
Date	2020/03/27	(yyyy/mm/dd)
Approved By	BKB	Approuvé par
Date	2020/03/27	(yyyy/mm/dd)
Sender	Soumission	

Project Manager	Administrateur de projets
Project no.	No. du projet
R.096994	

Drawing no. <div style="text-align: center; font-size: 24pt; font-weight: bold;">M32</div>	No. du dessin
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GENERAL NOTES:

1. DEMOLISH ALL REMAINING EXISTING MECHANICAL EQUIPMENT AND ASSOCIATED DUCTWORK/PIPING.
2. DEMOLISH ALL MECHANICAL SYSTEMS IN THEIR ENTIRETY.
3. VERIFY EXISTING SERVICES ARE DISCONNECTED PRIOR TO DISCONNECTING FROM CIVIL SERVICES.
4. ENBRIDGE GAS SERVICE WAS DISCONNECTED FROM THE METER DURING PREVIOUS PHASES OF DEMOLITION. SERVICE LINE HAS NOT YET BEEN REMOVED. REMOVE SERVICE LINE PRIOR TO COMMENCING DEMOLITION.
5. REMOVAL OF ANY HAZARDOUS MATERIALS TO BE IN ACCORDANCE WITH SPEC SECTION 01 35 43, ENVIRONMENTAL PROCEDURES AND IS TO BE INCLUDED IN THE ENVIRONMENTAL PLAN PREPARED BY THE CONTRACTOR.



2 EXHAUST DUCT
SCALE: NTS



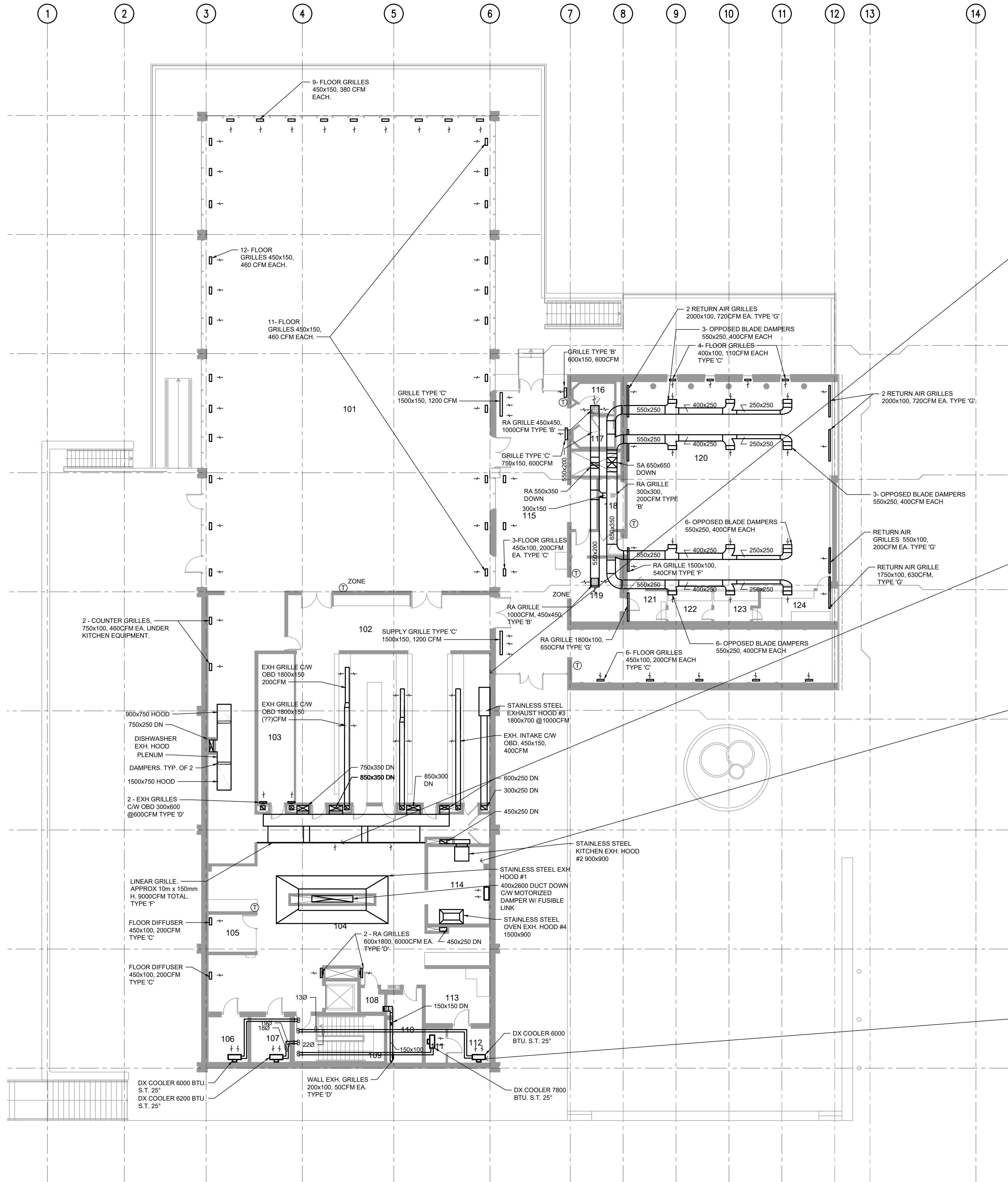
5 VENTILATION DISTRIBUTION
SCALE: NTS



3 FUME HOOD
SCALE: NTS



4 A/C SPLIT UNIT
SCALE: NTS



1 FIRST FLOOR HVAC LAYOUT
SCALE: 1:125

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20

revisions	description	date
A	A detail no. du detail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project projet

SIR JOHN
CARLING WEST
ANNEX
DEMOLITION
930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin

FIRST FLOOR HVAC
LAYOUT

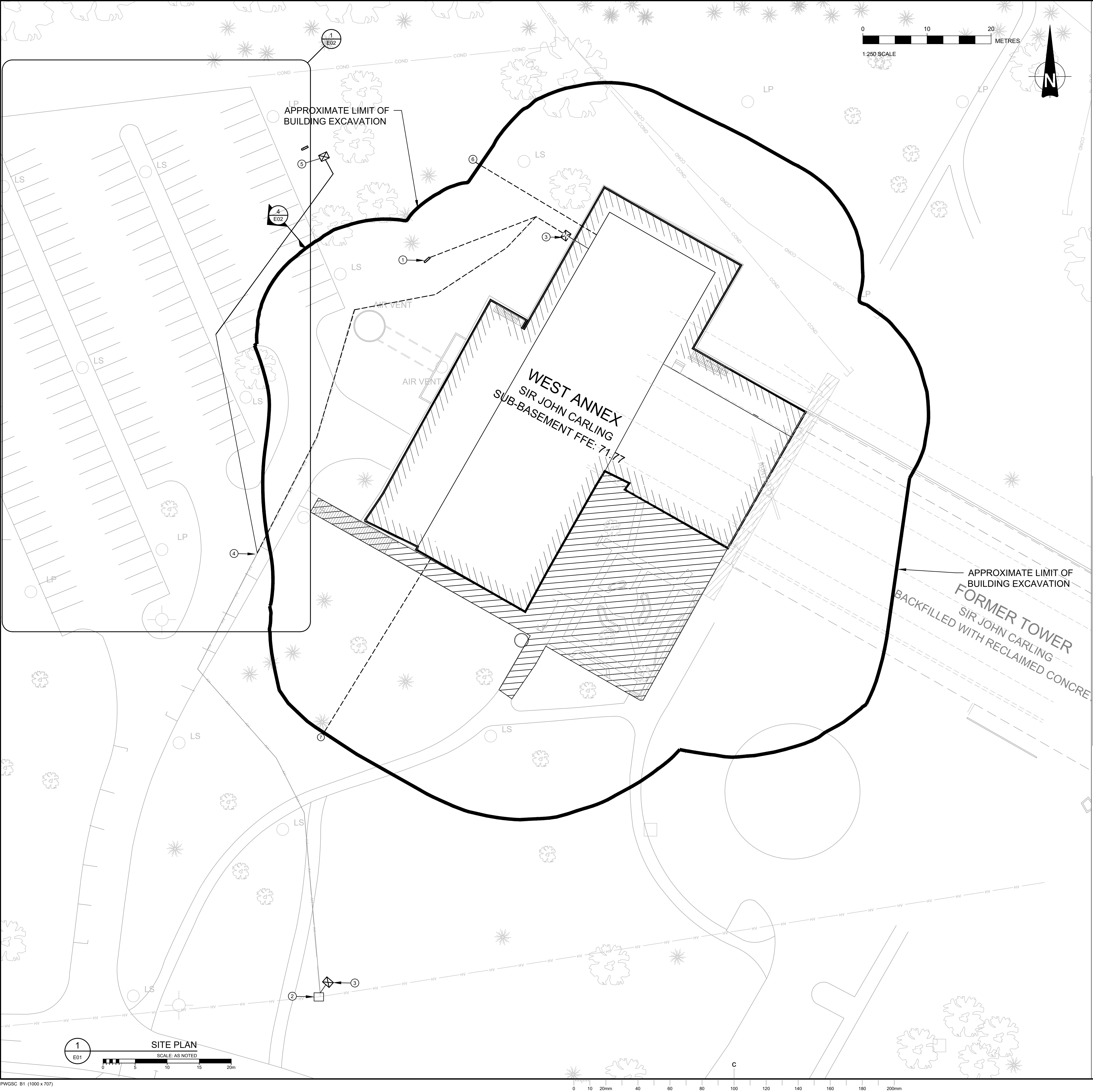
Designed By	ET	Conçu par	
Date	2020/03/17	(yyyy/mm/dd)	
Drawn By	ET	Dessiné par	
Date	2020/03/17	(yyyy/mm/dd)	
Reviewed By	BKB	Examiné par	
Date	2020/03/27	(yyyy/mm/dd)	
Approved By	BKB	Approuvé par	
Date	2020/03/27	(yyyy/mm/dd)	
Tender		Soumission	

Project Manager Administrateur de projets
Project no. No. du projet

R.096994

Drawing no. No. du dessin

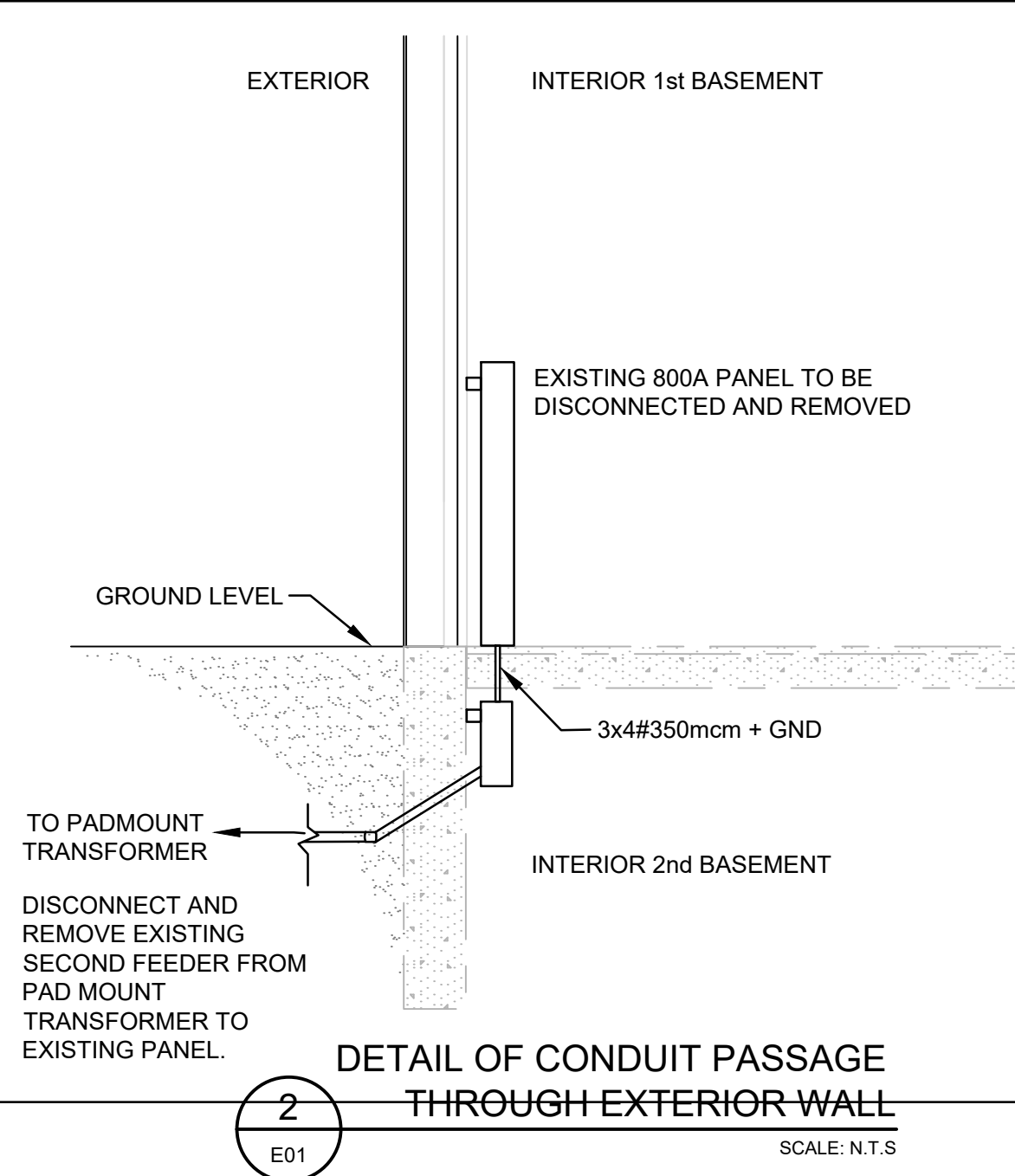
M33



LINETYPE LEGEND	
	NEW AND / OR RELOCATED
	EXISTING TO REMAIN
	DEMOLISH AND / OR RELOCATE

LEGEND	
	ELECTRICAL PANEL
	TRANSFORMER
	DISCONNECT SWITCH
	FIRE ALARM PULL STATION
	FIRE ALARM BELL
	EMERGENCY BATTERY UNIT
	CEILING MOUNTED PUBLIC ADDRESS SPEAKER

- DRAWING NOTES:**
- ① APPROXIMATE LOCATION OF EXISTING PARKING LOT LIGHTING METER CABINET (SEE DETAIL 3/E01). EXISTING PARKING LOT METER AND CONTROL PANEL TO BE RELOCATED TO NEW LOCATION AS INDICATED. DISCONNECT AND REMOVE EXISTING FEEDER FED FROM TRANSFORMER T13 AND REUSE FEEDER TO CONNECT TO BETWEEN NEW TRANSFORMER LOCATION TO NEW CABINET LOCATION. VERIFY EXISTING CIRCUITS FOR LIGHTING AND PROVIDE NEW CABLING TO RECONNECT TO EXISTING CIRCUITS, COMPLETE WITH CABLING, TRENCHING AND BACKFILLING.
- ② EXISTING HYDRO OWNED PADMOUNT SWITCHGEAR TO REMAIN.
- ③ EXISTING TRANSFORMER T13 TO BE RELOCATED. CONTRACTOR SHALL MAINTAIN EXISTING TRANSFORMER SERVICE UNTIL ALL THE DEMOLITION OF SYSTEMS HAVE BEEN COMPLETED WITHIN THE BUILDING. THE TRANSFORMER SHALL BE RELOCATED PRIOR TO DEMOLITION OF BUILDING STRUCTURE. REFER TO DETAILS ON DRAWING E02.
- ④ CONTRACTOR TO DISCONNECT AND REMOVE EXISTING FEEDER FROM TRANSFORMER TO APPROXIMATE LOCATION INDICATED AND REROUTE/INSTALL TO NEW TRANSFORMER LOCATION. COORDINATION WITH HYDRO OTTAWA FOR DISCONNECTION AND RECONNECTION OF CABLE FEEDER. PROVIDING EXCAVATION, TRENCHING, BACKFILLING AS PER DETAIL. PROVIDED. COMPLETE WITH LOCATES CARRIED OUT. PRIOR TO EXCAVATION. FEEDER ROUTING IS APPROXIMATE. CONTRACTOR TO COORDINATE EXACT TRENCHING LOCATION WITH EXCAVATION AREA AND ALL RE-INSTATEMENT WORK.
- ⑤ NEW TRANSFORMER LOCATION TO BE COORDINATED WITH HYDRO OTTAWA. PROVIDE NEW CONCRETE TRANSFORMER MANHOLE AS PER DETAIL 3 ON E02.
- ⑥ DISCONNECT AND REMOVE EXISTING BELL EQUIPMENT INSTALLED IN BASEMENT LEVEL ONE. EXISTING INCOMING CABLE SHALL BE REMOVED AND CUT UP TO THE EXCAVATION LIMIT.
- ⑦ EXISTING PRIVATELY OWNED 600 PAIR COMMUNICATIONS CABLE SHALL BE DISCONNECTED AT THE SIX PANELS IN THE BASEMENT LEVEL 1 AND REMOVED UP TO THE EXCAVATION LIMIT.



3 EXISTING PARKING LIGHTING METER CABINET
SCALE: N.T.S.

Public Works and Government Services Canada

Travaux publics et services gouvernementaux Canada

Real Property Branch

Direction générale des biens immobiliers

GENERAL NOTES:

A. PROVIDE SCANNING OF EXISTING SERVICES FOR INSTALLATION OF RELOCATED HIGH VOLTAGE UNDERGROUND CABLE, TRANSFORMER EQUIPMENT, PARKING AREA LIGHTING CABINET AND RELATED INSTALLATIONS.

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20
revisions	description	date

A

C

A detail no. no. du detail
B location drawing no. sur dessin no.
C drawing no. dessin no.

A

B

C

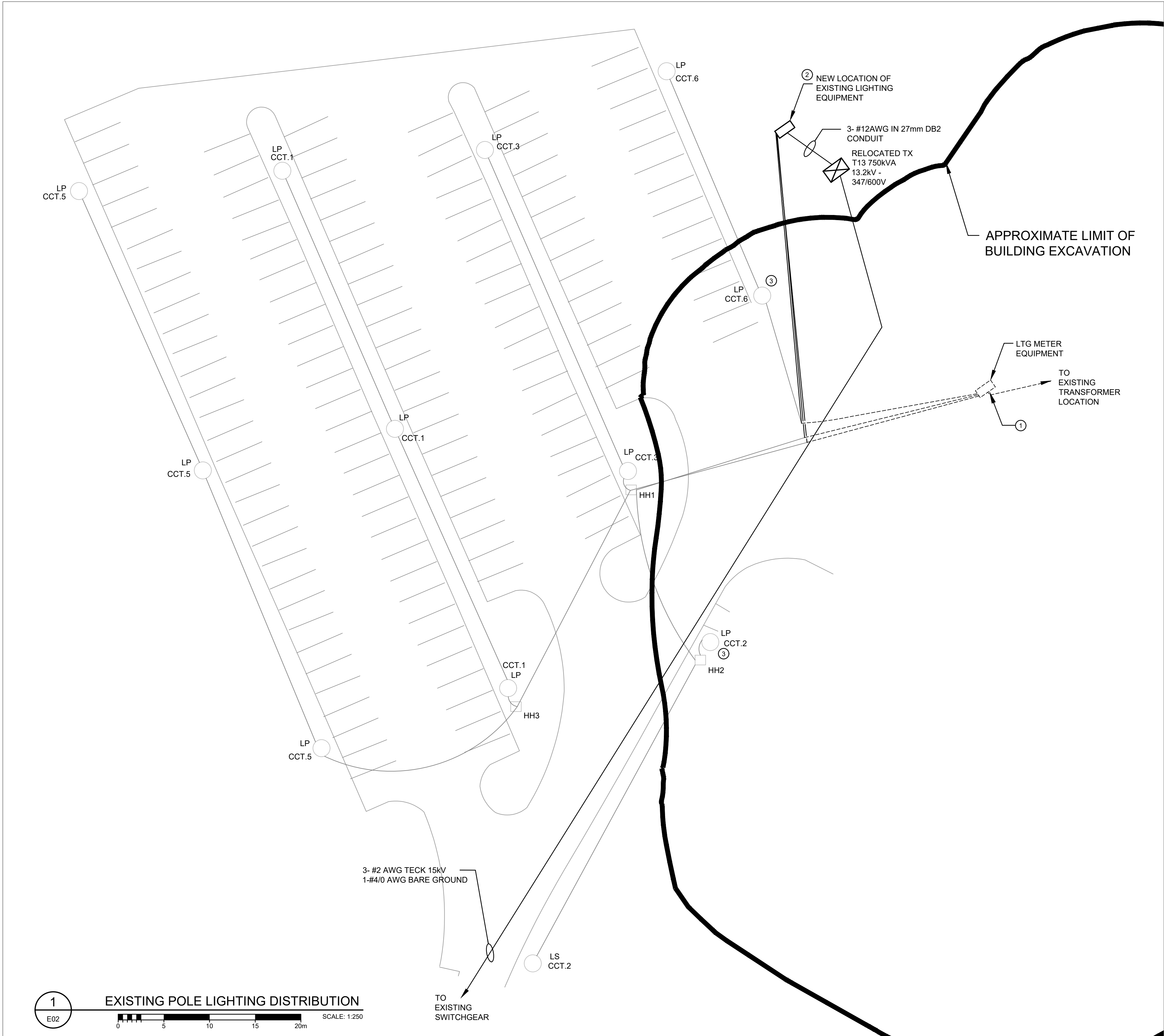
project

SIR JOHN CARLING WEST ANNEX DEMOLITION
930 CARLING AVE, OTTAWA, ON K1A 0Z2

dessin

ELECTRICAL UTILITY SITE PLAN AND LEGEND

Designed By	M-P.G	Conçu par	
Date	(yyyy/mm/dd)		
Drawn By	M-P.G	Dessiné par	
Date	(yyyy/mm/dd)		
Reviewed By	H.M	Examiné par	
Date	(yyyy/mm/dd)		
Approved By		Approuvé par	
Date	(yyyy/mm/dd)		
Tender		Soumission	
Project Manager		Administrateur de projets	
Project no.		No. du projet	
			R.096994
Drawing no.		No. du dessin	
			E01



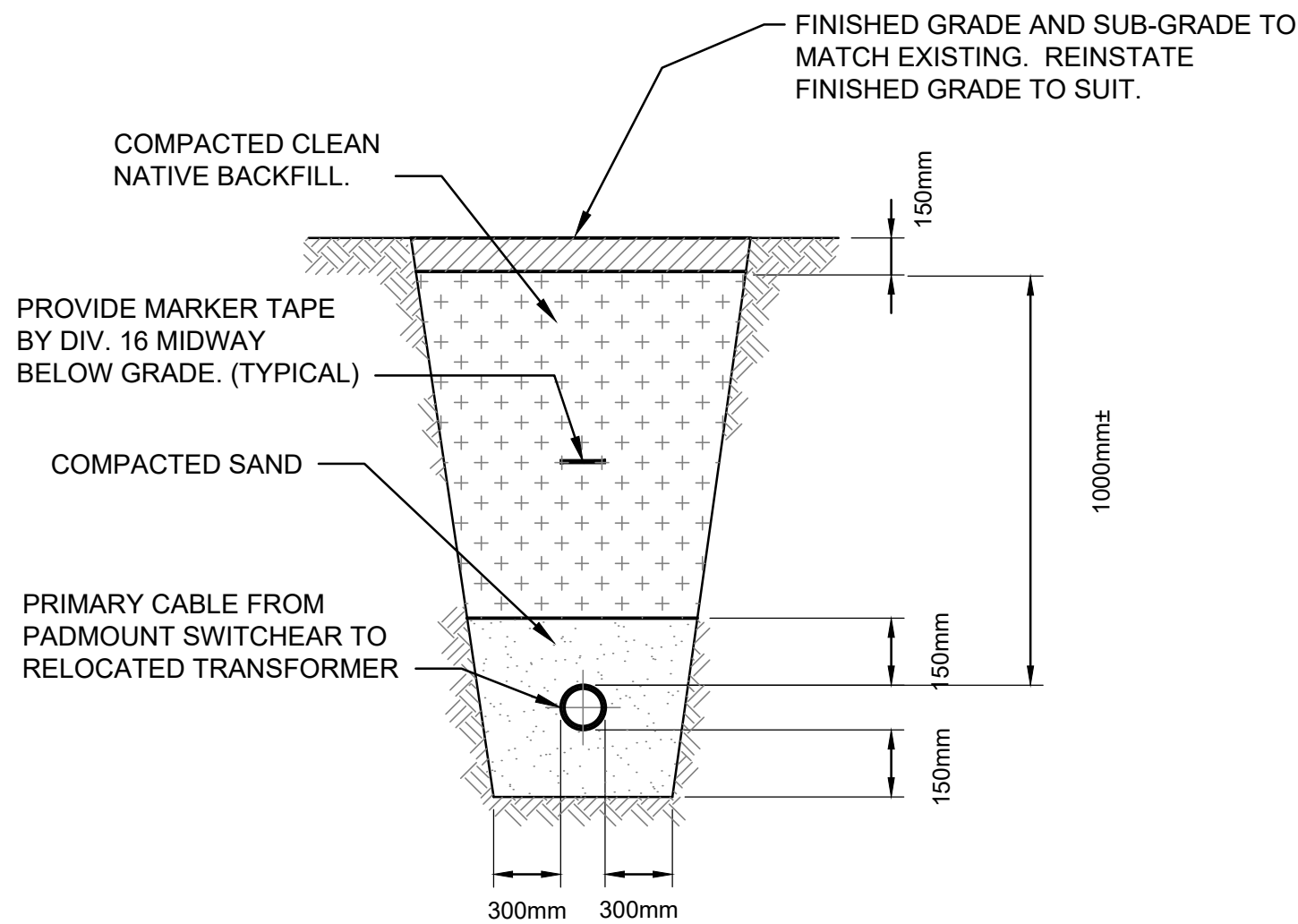
1 EXISTING POLE LIGHTING DISTRIBUTION
SCALE: 1:250

DRAWING NOTES:

- APPROXIMATE LOCATION OF EXISTING PARKING LOT LIGHTING METER EQUIPMENT (SEE DETAIL 3(E01) c/w 15kVA TRANSFORMER 120/208V PANEL. EXISTING PARKING LOT METER AND ASSOCIATED EQUIPMENT TO BE RELOCATED TO NEW LOCATION AS INDICATED. DISCONNECT AND REMOVE EXISTING FEEDER FED FROM TRANSFORMER T13 AND INTERCEPT AND CARRY OUT UNDERGROUND SPLICING TO CONNECT BETWEEN NEW TRANSFORMER LOCATION TO NEW CABINET LOCATION. VERIFY EXISTING CIRCUITS FOR LIGHTING AND PROVIDE NEW CABLING TO RECONNECT TO EXISTING CIRCUITS, COMPLETE WITH CABLING, TRENCHING AND BACKFILLING. EXISTING METER CABINET CONCRETE PAD TO BE EXCAVATE AND REUSED.
- PROVIDE TEMPORARY SIGN ON LIGHTING EQUIPMENT INDICATING THAT THE INSTALLATION IS ONLY TEMPORARY UNTIL THE MAJOR RENOVATION PHASE OCCURS
- WHERE EXISTING PARKING LIGHTING IS EFFECTED BY EXCAVATION AREA, CONTRACTOR TO TEMPORARILY REMOVE EQUIPMENT DURING DEMOLITION WORK AND RE-INSTATE EFFECTED LIGHTING DURING PARKING AREA RE-INSTATEMENT (TYPICAL).

GENERAL NOTES:

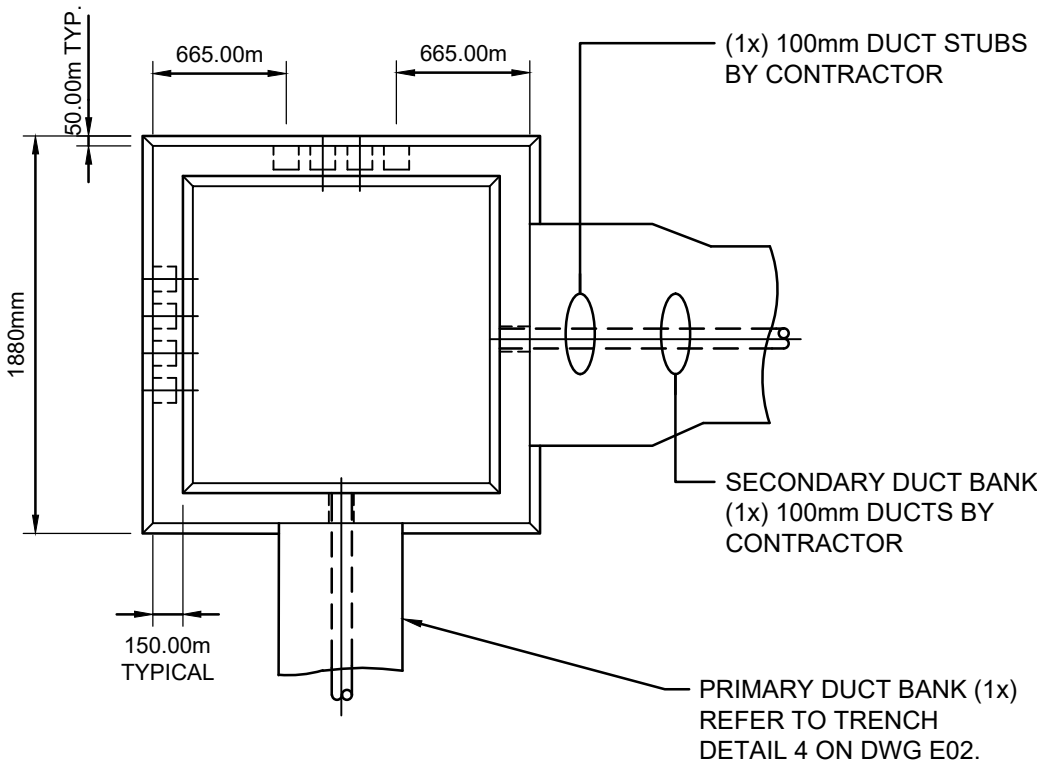
- A. PROVIDE SCANNING OF EXISTING SERVICES FOR INSTALLATION OF RELOCATED HIGH VOLTAGE UNDERGROUND CABLE, TRANSFORMER EQUIPMENT, PARKING AREA LIGHTING CABINET AND RELATED INSTALLATIONS.



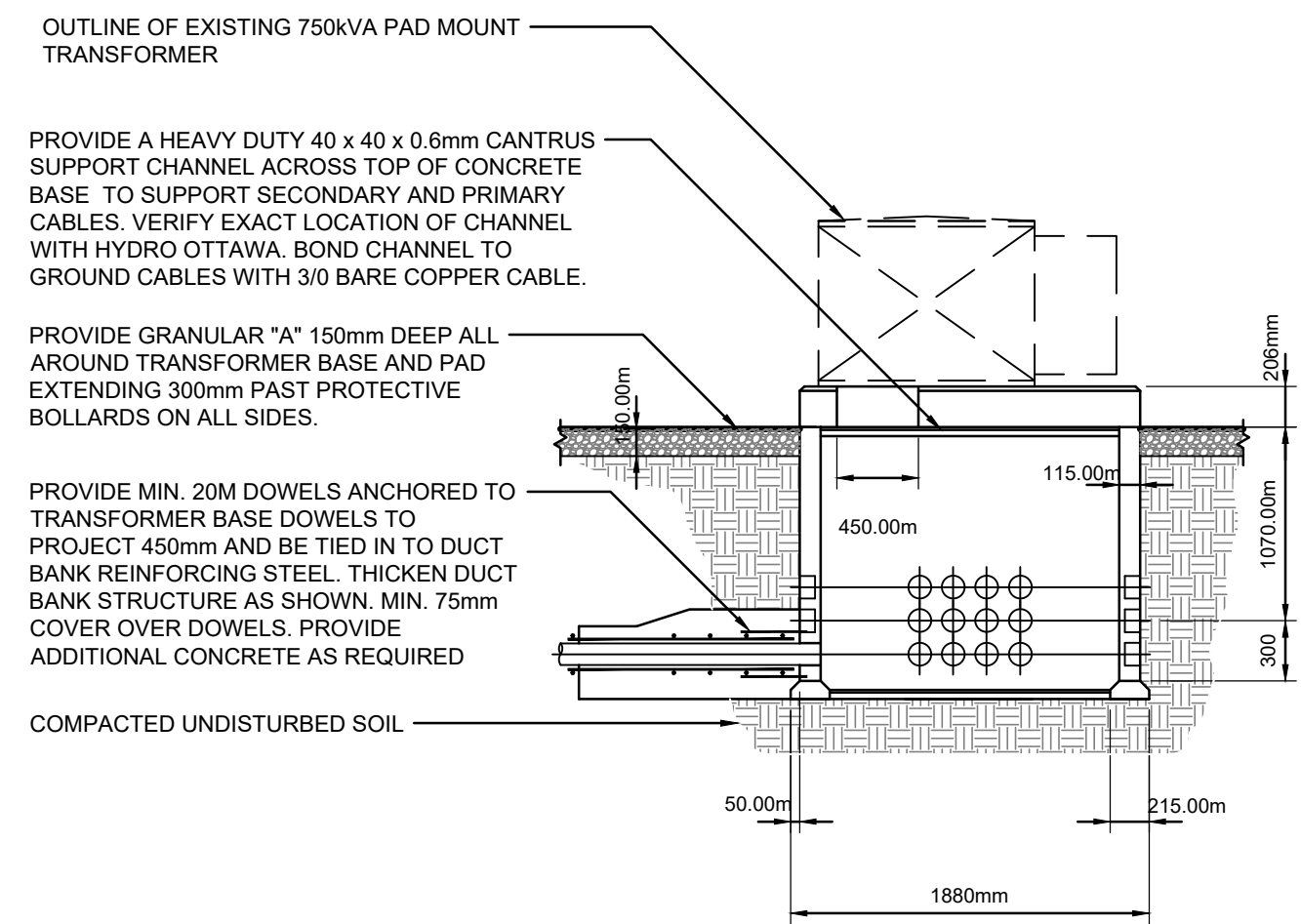
NOTES:

- COMPACTED APPROVED NATIVE BACKFILL TO 95% MODIFIED PROCTOR DENSITY.
- PROVIDE MINIMUM 150mm SAND COVER OVER EACH BURIED SERVICE.

4 TYPICAL TRENCH DETAILS
SCALE: N.T.S.



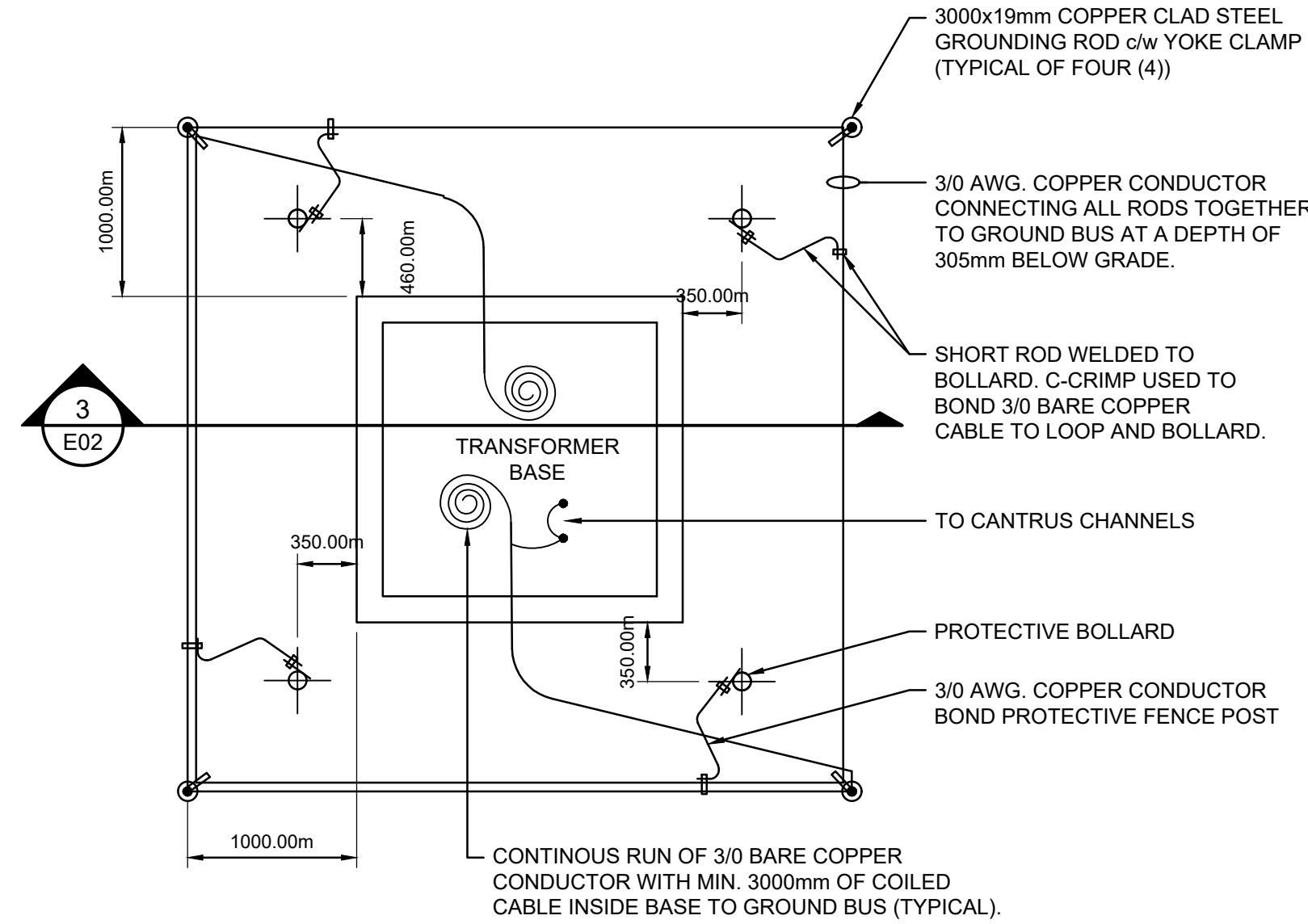
2 NEW TRANSFORMER PAD DETAILS
SCALE: N.T.S.



NOTES:

- INSTALLING CONTRACTOR IS RESPONSIBLE FOR CONDUCTING COMPRESSION TESTS BY A QUALIFIED TESTING AGENCY AND PROVIDING TEST RESULTS TO OWNER.
- NO PLANTS, FIRE HYDRANTS, OR LUMINAIRE POSTS SHALL BE INSTALLED WITHIN 3000mm OF TRANSFORMER.
- GRANULAR 'A' CONFORMING TO OPSS1010 COMPACTED TO 95% STANDARD PROCTOR DENSITY IN TWO (2) LIFTS OF 150mm EACH FREE OF ORGANIC MATERIAL, AND EXTENDING A MIN. 300mm OUTSIDE OF BASE.
- REFER TO HYDRO OTTAWA STANDARD UC50001 AS MANUFACTURED BY UTILITY STRUCTURES INC.
- TRANSFORMER PAD CONCRETE STRENGTH 35MPa AT 28 DAYS.
- TRANSFORMER BASE AND SPACERS CONCRETE STRENGTH 35MPa AT 28 DAYS.

3 NEW TRANSFORMER BASE DETAILS
SCALE: N.T.S.



NOTES:

- THE GROUNDING IS TO BE DONE BY THE CONTRACTOR IN ACCORDANCE WITH THE ONTARIO ELECTRICAL SAFETY CODE AND INSPECTED BY E.S.A. AND HYDRO OTTAWA PRIOR TO BACK FILLING.
- PROVIDE TWO (2) ADDITIONAL GROUND ELECTRODES AND/OR GROUND PLATES AS REQUIRED TO OBTAIN A SATISFACTORY GROUND RESISTANCE.
- ALL CONNECTORS TO BE BURNDY HI-GROUND COMPRESSION TYPE CONNECTORS.
- ALSO REFER TO HYDRO OTTAWA STANDARD UGS0002.

5 NEW TRANSFORMER GROUND GRID DETAIL
SCALE: N.T.S.

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

revisions	description	date
5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20

A	A detail no. du detail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project project

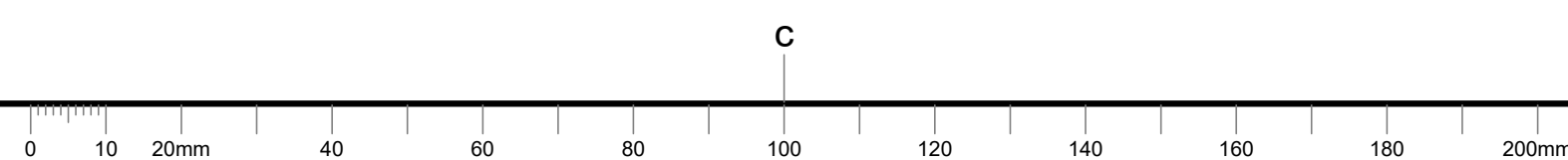
SIR JOHN CARLING WEST ANNEX DEMOLITION
930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin

SITE PLAN DETAILS

Designed By	M-P.G	Conçu par	
Date		(yyyy/mm/dd)	
Drawn By	M-P.G	Dessiné par	
Date		(yyyy/mm/dd)	
Reviewed By	H.M	Examiné par	
Date		(yyyy/mm/dd)	
Approved By		Approuvé par	
Date		(yyyy/mm/dd)	
Tender		Soumission	
Project Manager	Administrateur de projets	No. du projet	
Project no.	R.096994	No. du dessin	
Drawing no.	E02		

A. VERIFY ALL EQUIPMENT INDICTED ON THIS DRAWING AND REMOVE AND RECYCLE.



Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

5	ISSUED FOR TENDER	11/12/2
4	ISSUED FOR 100% CLIENT REVIEW	06/11/2
3	ISSUED FOR 99% CLIENT REVIEW	17/07/2
2	ISSUED FOR 60% CLIENT REVIEW	22/05/2
1	ISSUED FOR 30% CLIENT REVIEW	31/03/2
revisions	description	date

A detail no.
no. du detail

B location drawing no.
sur dessin no.

C drawing no.
dessin no.

project	proj
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SIR JOHN
CARLING WEST
ANNEX
DEMOLITION

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing	dessin
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EXISTING SINGLE LINE DIAGRAM

Designed By	M.P.G	Conçu por
-------------	-------	-----------

Designed By	M.P.G	Conçu por
-------------	-------	-----------

Drawn By	M-P.G	Dessiné par
----------	-------	-------------

Date (yyyy/mm/dd)

Reviewed By	H.M	Examiné par
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Date	(yyyy/mm/dd)
------	--------------

Approved By _____ Approuvé par _____

Date	(yyyy/mm/dd)
Tender	Submission

Project Manager	Administrateur de projet
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Project no.	No. du projet
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R.096994

Drawing no.	No. du dessin
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E03

- A. THE SUB BASEMENT IS CURRENTLY FLOODED WITH WATER, WHICH WILL BE REMOVED PRIOR TO START OF DEMOLITION. EXISTING INSTALLATIONS MAY CONTAIN WATER. ALLOW FOR REMOVAL OF ALL LIGHTING, POWER AND SYSTEMS INSTALLATIONS, COMPLETE WITH SURFACE OR SUSPENDED CONDUIT, WIRING AND ELECTRICAL INSTALLATIONS.
- B. CONTRACTOR TO VERIFY AND/OR DETERMINE ON SITE ALL ELECTRICAL EQUIPMENT, FEEDS / CIRCUITS, JUNCTION BOX, CONDUIT AND WIRING SYSTEMS TO BE DEMOLISHED. DRAWINGS ARE DIAGRAMMATIC ONLY AND SITE CONDITIONS MAY VARY.
- C. DISCONNECT AND REMOVE ALL LIGHTING FIXTURES. ALL BALLASTS SHALL BE REMOVED FROM LIGHT FIXTURES AND RECYCLED APPROPRIATELY.
- D. REMOVE AND RECYCLE ALL SUSPENSION FRAMING AND ASSOCIATED CONDUIT, WIRING FOR LIGHTING FIXTURES.
- E. REMOVE ALL EXPOSED MAIN CONDUIT RUNS FOR LIGHTING CIRCUITS.
- F. REMOVE ALL EMERGENCY AND EXIT LIGHTING COMPLETE WITH EXPOSED CONDUIT AND WIRING.

5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20
visions	description	date

A detail no.
no. du detail
 B location drawing no.
sur dessin no.
 C drawing no.
dessin no.

project

project

SIR JOHN CARLING WEST ANNEX DEMOLITION

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing

dessin

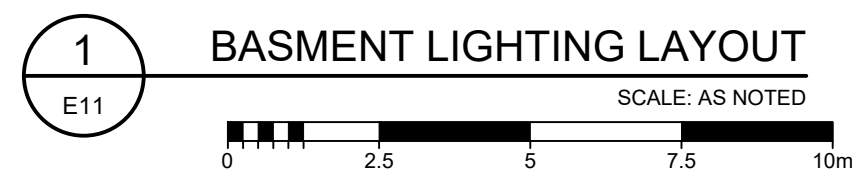
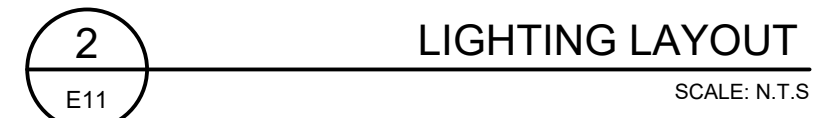
SUB-BASEMENT
LIGHTING LAYOUT

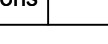
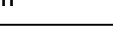
Designed By	M-P.G	Conçu par
Date		(yyyy/mm/dd)
Drawn By	M-P.G	Dessiné par
Date		(yyyy/mm/dd)
Reviewed By	H.M	Examiné par
Date		(yyyy/mm/dd)
Approved By	H.M	Approuvé par
Date		(yyyy/mm/dd)
Sender		Soumission

Project Manager	Administrateur de projets
Project no.	No. du projet
R.096994	

Drawing no. <div style="text-align: center; font-size: 2em;">E10</div>	No. du dessin
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- A. CONTRACTOR TO VERIFY AND/OR DETERMINE ON SITE ALL ELECTRICAL EQUIPMENT, FEEDS / CIRCUITS, JUNCTION BOX, CONDUIT AND WIRING SYSTEMS TO BE DEMOLISHED. DRAWINGS ARE DIAGRAMMATIC ONLY AND SITE CONDITIONS MAY VARY.
- B. DISCONNECT AND REMOVE ALL LIGHTING FIXTURES. ALL BALLASTS SHALL BE REMOVED FROM LIGHT FIXTURES AND RECYCLED APPROPRIATELY.
- C. REMOVE AND RECYCLE ALL SUSPENSION FRAMING AND ASSOCIATED CONDUIT, WIRING FOR LIGHTING FIXTURES.
- D. REMOVE ALL EXPOSED MAIN CONDUIT RUNS FOR LIGHTING CIRCUITS.
- E. REMOVE ALL EMERGENCY AND EXIT LIGHTING COMPLETE WITH EXPOSED CONDUIT AND WIRING.



revisions	description	date
	<p>A detail no. no. du detail</p> <p>B location drawing no. sur dessin no.</p> <p>C drawing no. dessin no.</p>	

project projet

**SIR JOHN
CARLING WEST
ANNEX
DEMOLITION**

930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing	dessin
<p>BASEMENT FLOOR LIGHTING LAYOUT</p>	

Project Manager	Administrateur de projets
Project no.	No. du projet
R.096994	

Drawing no.	No. du dessin
E11	



5 LIGHTING LAYOUT
E12 SCALE: N.T.S.

Drawing no. **E12** No. du dessin



1 SUB-BASEMENT POWER LAYOUT
E20
SCALE: AS NOTED
0 2.5 5 7.5 10m

- DRAWING NOTES:**
- ① DEMOLISH EXISTING FIRE ALARM DEVICES (TYPICAL).
 - ② DEMOLISH EXISTING DISCONNECT SWITCHES (TYPICAL).
 - ③ DEMOLISH EXISTING PANEL BOARD AND TRANSFORMERS (TYPICAL).
- GENERAL NOTES:**
- A. THE SUB BASEMENT IS CURRENTLY FLOODED WITH WATER, WHICH WILL BE REMOVED PRIOR TO START OF DEMOLITION. EXISTING INSTALLATIONS MAY CONTAIN WATER. ALLOW FOR REMOVAL OF ALL LIGHTING, POWER AND SYSTEMS INSTALLATIONS, COMPLETE WITH SURFACE OR SUSPENDED CONDUIT, WIRING AND ELECTRICAL INSTALLATIONS.
 - B. CAREFULLY COORDINATE ALL DEMO WORK WITH ALL OTHER TRADES ON SITE.
 - C. CONTRACTOR TO CONFIRM AND VERIFY ON SITE ALL ELECTRICAL EQUIPMENT, FEEDS / CIRCUITS, JUNCTION BOX, CONDUIT AND WIRING SYSTEMS TO BE DEMOLISHED. DRAWINGS ARE DIAGRAMMATIC ONLY AND SITE CONDITIONS MAY VARY.

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

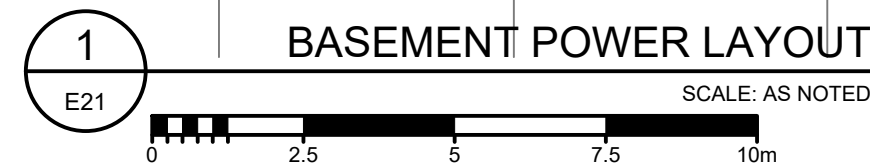
5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20

revisions	description	date
A	A detail no. no. du détail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

project project
SIR JOHN CARLING WEST ANNEX DEMOLITION
930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin
SUB-BASEMENT POWER LAYOUT

Designed By	Conçu par
Date	(yyyy/mm/dd)
Drawn By	Dessiné par
Date	(yyyy/mm/dd)
Reviewed By	Examiné par
Date	(yyyy/mm/dd)
Approved By	Approuvé par
Date	(yyyy/mm/dd)
Tender	Soumission
Project Manager	Administrateur de projets
Project no.	No. du projet
	R.096994
Drawing no.	No. du dessin
	E20



- ① REMOVE GENERAL CONDUIT IN THIS AREA.
- ② DEMOLISH EXISTING FIRE ALARM DEVICES (TYPICAL).
- ③ EXISTING DISCONNECT SWITCHES TO BE DEMOLISHED ALONG WITH ASSOCIATED MECHANICAL EQUIPMENT (TYPICAL).
- ④ DISCONNECT AND REMOVE EXISTING BUS DUCT, PANELS AND SUSPENDED DRY TYPE TRANSFORMERS. REFER TO DETAIL 2/E21.
- ⑤ DISCONNECT AND REMOVE EXISTING MCC COMPLETE WITH EXPOSED FEEDERS TO MECHANICAL EQUIPMENT.
- ⑥ DISCONNECT AND REMOVE EXISTING COMMUNICATIONS CABINETS COMPLETE WITH CONDUIT AND WIRING.
- ⑦ EXISTING REDUNDANT BELL EQUIPMENT SHALL BE REMOVED BY CONTRACTOR c/w INCOMING CABLE AS PER NOTE 6/E01.
- ⑧ EXISTING 800A, 600V PANEL, 45kVA TRANSFORMER AND 120/208V PANEL WITH EXISTING CIRCUITS SHALL BE DISCONNECTED AND REMOVED ONCE ALL INTERNAL SYSTEMS HAVE BEEN REMOVED AND THE BUILDING STRUCTURE IS READY FOR DEMOLITION.
- ⑨ DISCONNECT AND REMOVE EXISTING TELECOMMUNICATION 4" EMT CONDUIT FROM GRID LINE C/3 TO U/4 ALONG CEILING LEVEL. COMPLETE WITH OUTGOING 600 PAIR CABLE. REFER TO NOTE 7/E01.

A. CONTRACTOR TO CONFIRM AND VERIFY ON SITE ALL ELECTRICAL EQUIPMENT, FEEDS / CIRCUITS, JUNCTION BOX, CONDUIT AND WIRING SYSTEMS TO BE DEMOLISHED. DRAWINGS ARE DIAGRAMMATIC ONLY AND SITE CONDITIONS MAY VARY.



Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

A detail no.
no. du détail

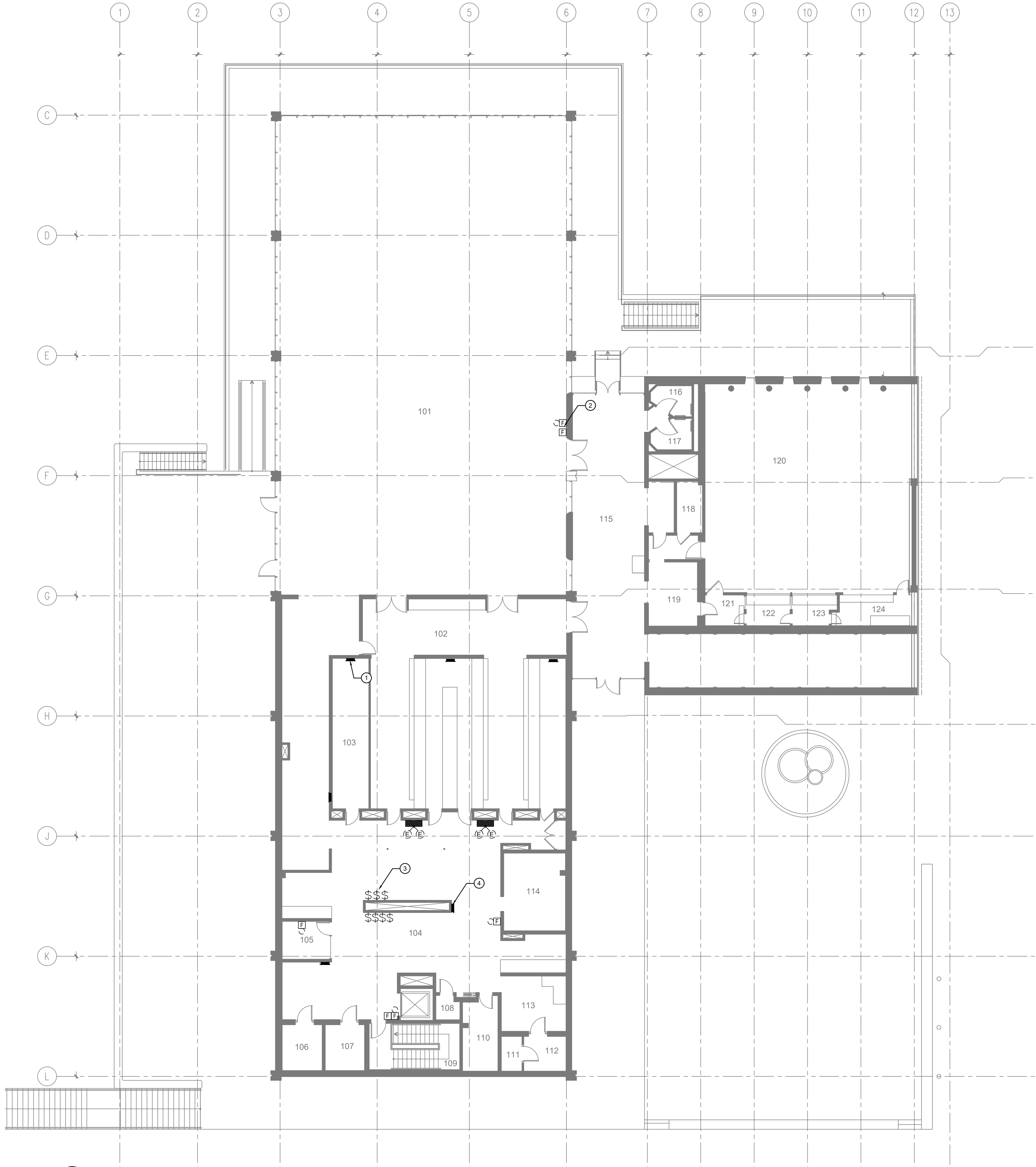
B location drawing no.
sur dessin no.

C drawing no.
dessin no.

SIR JOHN
CARLING WEST
ANNEX
DEMOLITION

BASEMENT POWER LAYOUT

Designed By	Conçu par
Date	(yyyy/mm/dd)
Drawn By	Dessiné par
Date	(yyyy/mm/dd)
Reviewed By	Examiné par
Date	(yyyy/mm/dd)
Approved By	Approuvé par
Date	(yyyy/mm/dd)
Tender	Soumission
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Project no.	No. du projet
R.096994	
Drawing no.	No. du dessin



1 GROUND FLOOR POWER LAYOUT
SCALE: AS NOTED

DRAWING NOTES:

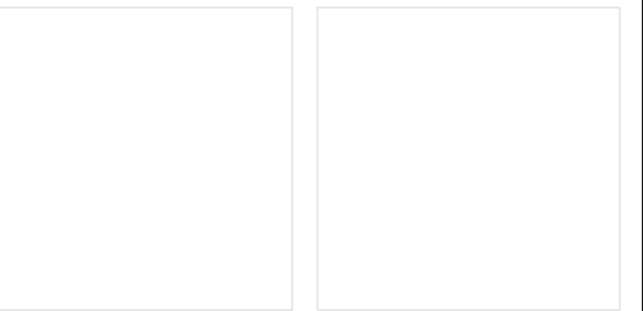
- 1 DEMOLISH EXISTING ELECTRICAL PANELS c/w CONDUIT AND WIRING (TYPICAL). SEE DETAIL 2/E22.
- 2 DEMOLISH EXISTING FIRE ALARM DEVICES AND PA SYSTEM DEVICES AND DISPOSE TO RECYCLING FACILITY (TYPICAL).
- 3 DISCONNECT AND REMOVE ALL DISCONNECT SWITCHES FROM KITCHEN AND OTHER SYSTEMS EQUIPMENT. DISPOSE AT RECYCLING FACILITY.
- 4 DISCONNECT AND REMOVE EXISTING PANELS QTY4 ON KITCHEN HOOD WALLS SERVING COOKING EQUIPMENT. DISCONNECT AND REMOVE EXISTING FIRE ALARM SYSTEM INSTALLATION INTEGRATED WITH THE FIRE SUPPRESSION SYSTEM.

GENERAL NOTES:

- A. CONTRACTOR TO CONFIRM AND VERIFY ON SITE ALL ELECTRICAL EQUIPMENT, FEEDS / CIRCUITS, JUNCTION BOX, CONDUIT AND WIRING SYSTEMS TO BE DEMOLISHED. DRAWINGS ARE DIAGRAMMATIC ONLY AND SITE CONDITIONS MAY VARY.



2 TYPICAL POWER PANEL GROUND FLOOR
SCALE: N.T.S.



Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

revisions	description	date
5	ISSUED FOR TENDER	11/12/20
4	ISSUED FOR 100% CLIENT REVIEW	06/11/20
3	ISSUED FOR 99% CLIENT REVIEW	17/07/20
2	ISSUED FOR 60% CLIENT REVIEW	22/05/20
1	ISSUED FOR 30% CLIENT REVIEW	31/03/20

A C	A detail no. no. du détail B location drawing no. sur dessin no. C drawing no. dessin no.	A B C
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project projet
SIR JOHN CARLING WEST ANNEX DEMOLITION
930 CARLING AVE, OTTAWA, ON K1A 0Z2

drawing dessin
GROUND FLOOR POWER LAYOUT

Designed By	Conçu par
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Project Manager	Administrateur de projets
Project no.	No. du projet
	R.096994
Drawing no.	No. du dessin
	E22