



Appendix A

Drawing Set



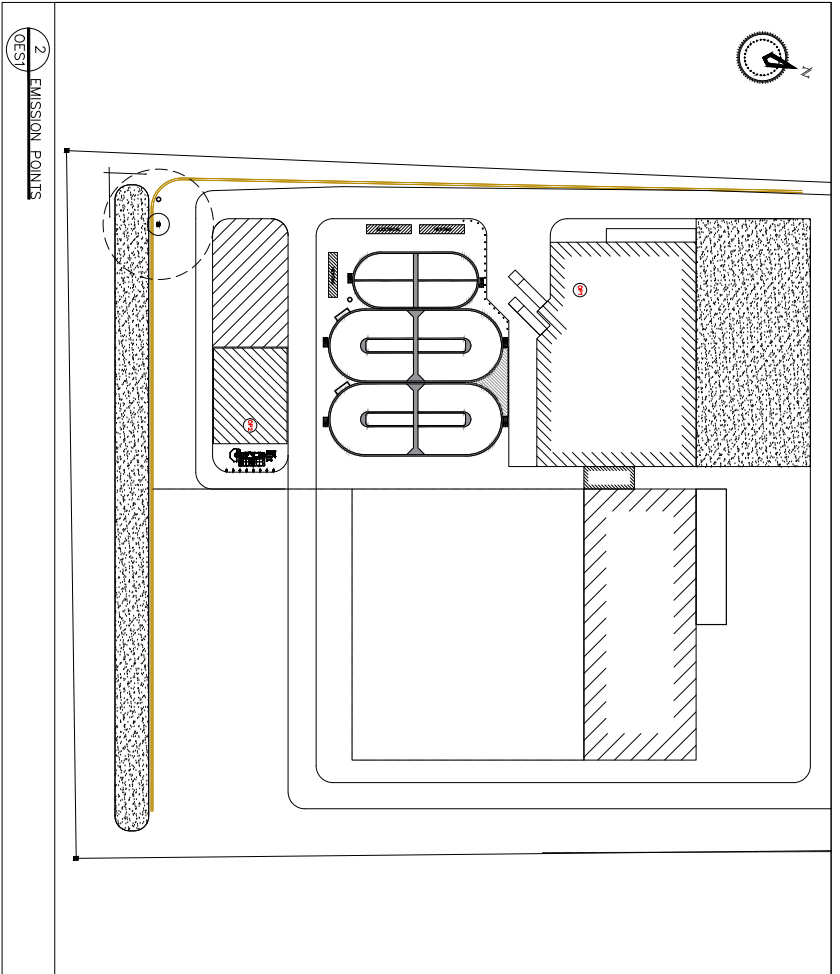
1 EMISSION POINTS AT DISTANCE
OES1

NEAREST HUMAN RECEPTORS

- Ⓐ CORONATION RD.
- Ⓑ CHEMICAL CT.
- Ⓒ RAILWAY
- Ⓓ FOOD PRODUCT MANUFACTURING PLANT

m		Odour Emission Source Points	
		OPI1	OP2
Height of stack above ground level (m)		29.3	5.5
GPS coordinates (Lat, Long)		43.76404, -79.16041	43.76341, -79.15958
UTM coordinates (Easting, Northing)		648071.73, 4847310.35	648139.45, 4847242.63


m		Nearest Human Receptor			
		A	B	C	D
GPS coordinates (Lat, Long)		43.76611, -79.16117	43.76345, -79.16120	43.76268, -79.15958	43.76461, -79.15821
UTM coordinates (Easting, Northing)		648004.84, 4847539.27	648009.39, 4847244.15	648141.45, 4847161.62	648247.25, 4847378.02



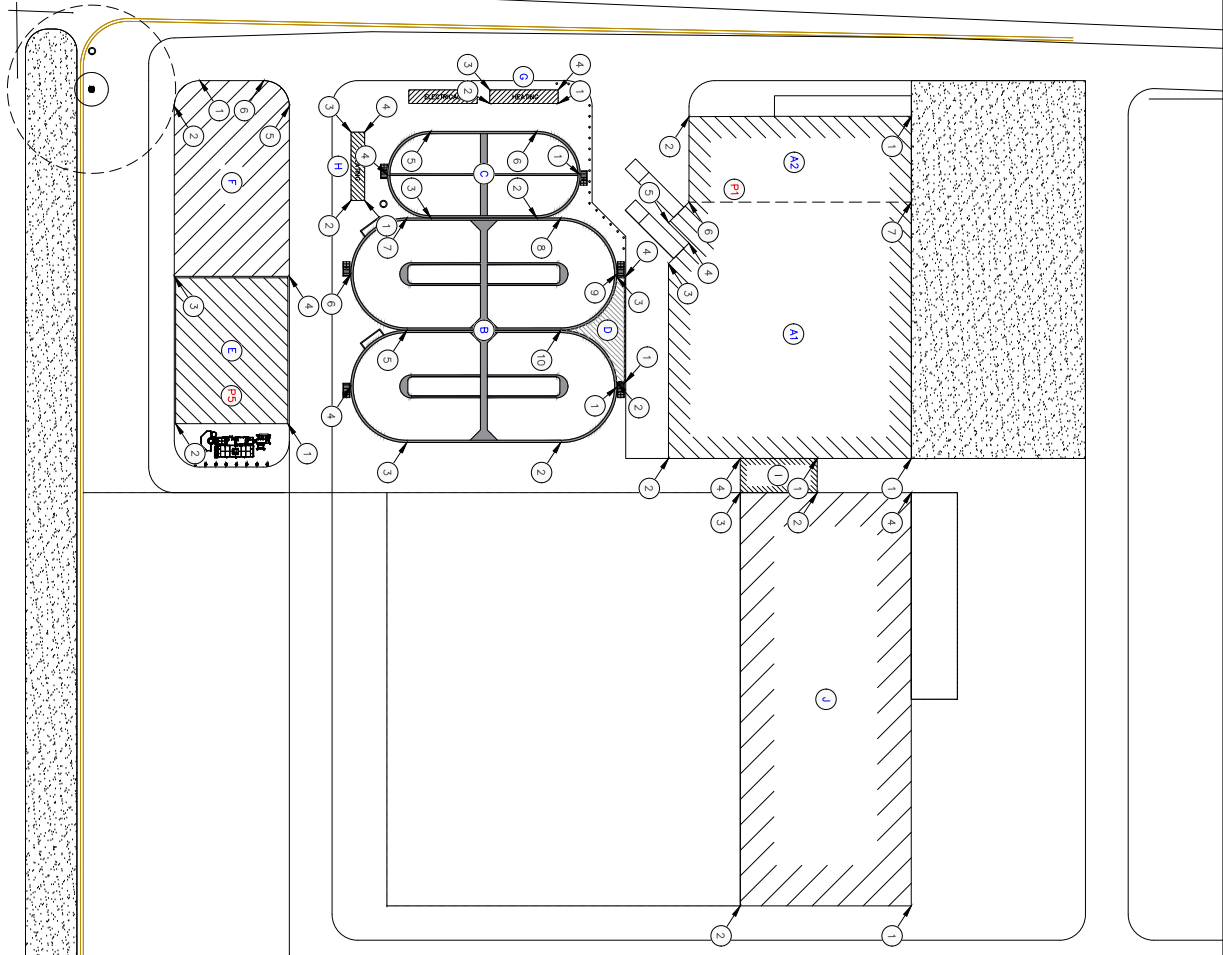
2 EMISSION POINTS
OES1

ODOUR EMISSION SOURCES

- Ⓐ ODOUR CONTROL FOR ORGANICS PROCESSING CENTER
- Ⓑ UPRADER TAILGAS

DRAWING NUMBER: <div style="text-align: center; font-size: 24px; font-weight: bold;">OES1</div>	DRAWING TITLE: ODOUR EMISSION SOURCE & RECEPTORS	 <p>TEL: 1-866-730-6500 www.CHFOURBIOGAS.com</p>	PROJECT: ORGANICS PROCESSING CENTER & ANAEROBIC DIGESTER 633 Coronation Dr Scarborough, ON M1E 2K4	DOCUMENT STATUS:
DESIGNED BY: D.L. CHECKED BY: J.K.B. JOB NUMBER: 17C07	DRAWN BY: J.C. SCALE: As Shown DATE: 6-Dec-19	DATE: 06-Dec-2019	STATUS: AUTHOR: NO. DATE: REVISION: AUTHOR:	DATE: STATUS: AUTHOR: NO. DATE: REVISION: AUTHOR:

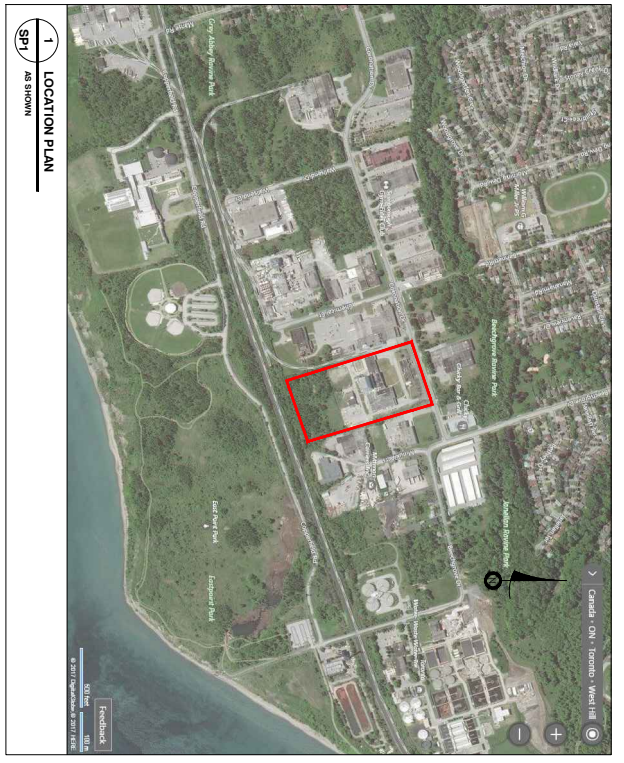
* Coordinates are estimation from a map. Estimated accuracy is (+/- 10m)



Building	1	2	3	4	5	6	7	8	9	10
A1	648105.54 4847359.41	648121.03 4847318.97	648088.60 4847306.55	648083.88 4847308.66	648081.77 4847303.93	648077.05 4847306.04	648062.87 4847343.06	...	...	...
A2	648048.98 4847337.58	648052.82 4847300.59	...	...	...	648077.05 4847306.04	648062.87 4847343.06	...	...	...
B	648112.32 4847350.79	648125.25 4847300.04	648135.06 4847274.40	648129.30 4847281.48	648116.37 4847307.38	648110.60 4847284.92	648097.88 4847280.88	648089.87 4847359.70	648093.63 4847280.93	648106.56 4847292.86
C	648079.42 4847286.16	648089.39 4847281.72	648096.15 4847254.07	648091.70 4847254.10	648081.73 4847258.54	648074.97 4847276.19	...	...	...	648106.56 4847292.86
D	648111.13 4847306.91	648111.66 4847305.52	648094.11 4847298.80	648093.98 4847300.19	...	...	...	...	...	...
E	648139.42 4847293.02	648146.76 4847294.48	648122.24 4847285.08	648114.90 4847284.22	...	...	...	...	...	...
F	648088.02 4847216.85	648093.92 4847144.21	648122.24 4847256.06	648114.90 4847244.22	648083.95 4847277.47	...	...	...	...	...
G	648068.97 4847277.96	648073.34 4847266.57	648071.07 4847265.70	648066.71 4847277.09	...	...	...	...	...	...
H	648093.42 4847251.93	648098.34 4847249.66	648088.64 4847265.29	648086.98 4847247.56	...	...	...	...	...	...
I	648111.54 4847343.74	648117.24 4847345.92	648122.15 4847333.11	648116.46 4847330.92	...	...	...	...	...	...
J	648180.04 4847387.94	648190.95 4847359.46	648122.15 4847333.11	648111.24 4847361.58	...	...	...	...	...	...

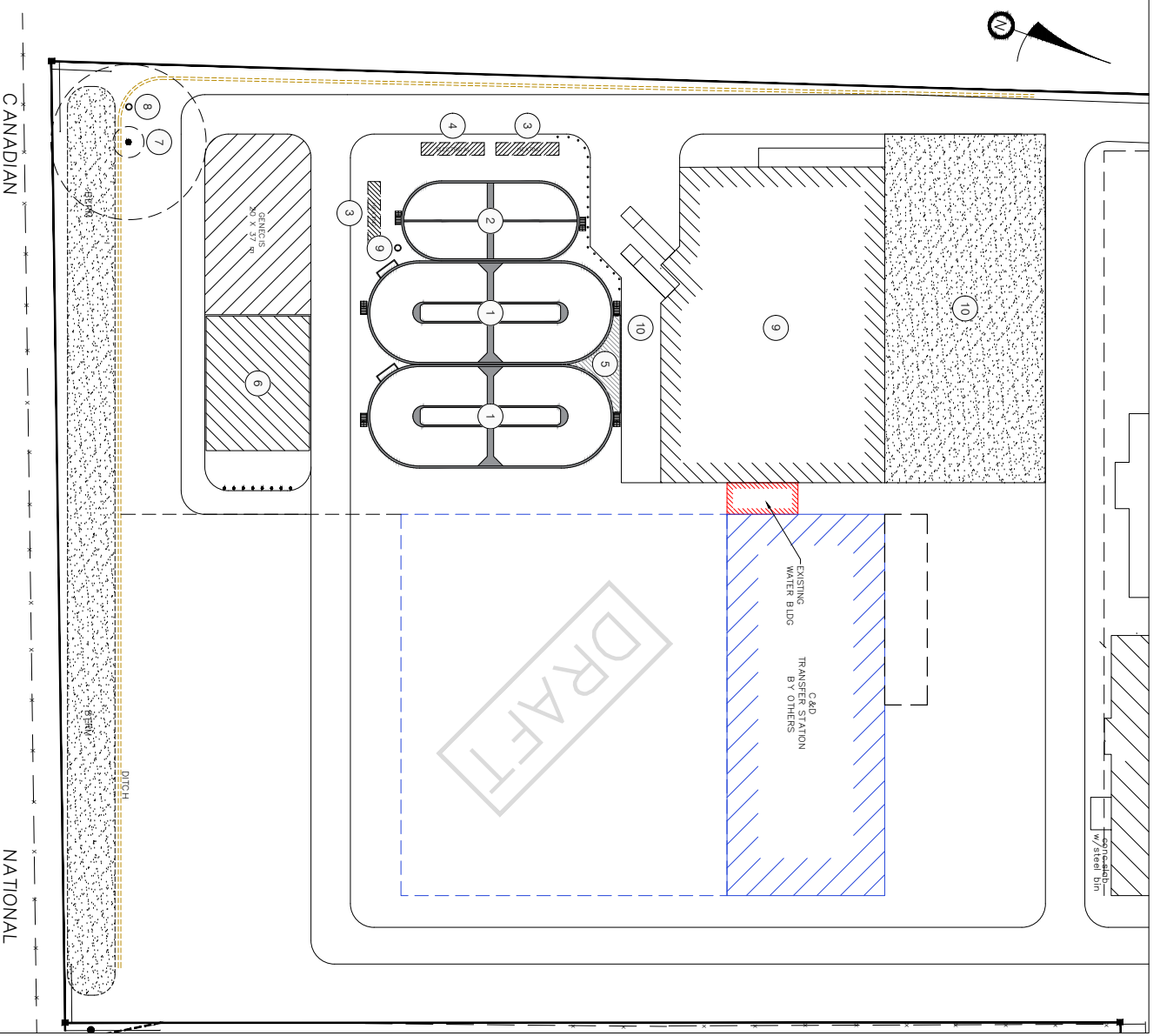
* Coordinates are estimation from a map. Estimated accuracy is (+/- 10m)

Building	Length (m)	Width (m)	Height (m)
A1	43.89	45.72	7.31
A2	40.23	15.24	12.19
B	47.45	40.03	3.05
C	34.34	15.44	3.05
D	11.5	18.50	3.05
E	20.52	26.27	5.00
F	20.52	35.00	3.05
G	12.19	2.44	2.59
H	12.19	2.44	2.59
I	6.00	13.72	2.44
J	36.57	16.45	9.75



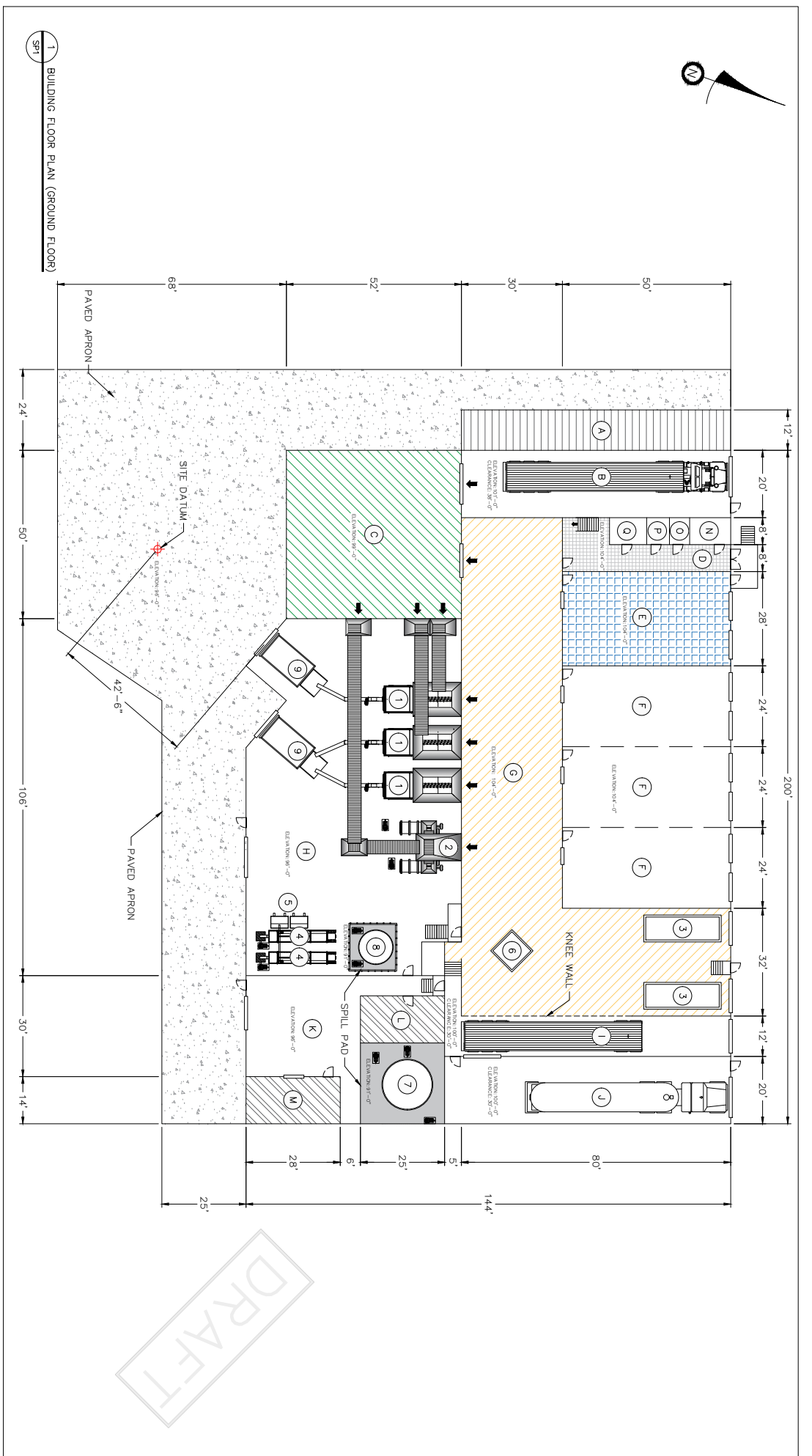
1 LOCATION PLAN
SP1 AS SHOWN

- SITE PLAN LEGEND:
- 1 6200m³+800m³ TWO-STAGE ANAEROBIC DIGESTER
 - 2 4000m³ HYDROLYZER
 - 3 HEATING CONTAINER
 - 4 ELECTRICAL & CONTROLS CONTAINER
 - 5 PUMP HOUSE
 - 6 BIOGAS UPGRADER
 - 7 SAFETY FLARE
 - 8 MONITORING WELL
 - 9 ORGANICS PROCESSING CENTER
 - 10 PAVED APRON



2 SITE PLAN
SP1 AS SHOWN
SCALE IN METRES
0 5 10 20

DRAWING NUMBER: AD-SP1	DRAWING TITLE: SITE PLAN		<p>PROJECT: ORGANICS PROCESSING CENTER & ANAEROBIC DIGESTER 633 Coronation Dr Scarborough, ON M1E 2K4</p>	DOCUMENT STATUS:						
	DESIGNED BY: D.L.	CHECKED BY: J.K.B.		DRAWN BY: J.C.	DATE:	STATUS:	AUTHOR:	NO.:	DATE:	REVISION:	AUTHOR:
JOB NUMBER: 17C07	SCALE: As Shown	DATE: 2-Dec-19	<p>TEL: 1-866-730-6500 www.CHFOURBIOGAS.com</p> <p><small>THIS DRAWING IS THE SOLE PROPERTY OF CH FOUR BIOGAS. REPRODUCTION AND/OR DISTRIBUTION IS NOT PERMITTED WITHOUT EXPRESS WRITTEN APPROVAL OF CH FOUR BIOGAS.</small></p>	DATE	STATUS	AUTHOR	NO.	DATE	REVISION	AUTHOR




SITE PLAN AREAS:

- A BULK LIQUID SLURRY OUTGOING (EXTERIOR WITH WEATHER CANOPY)
- B TIPPING BAY
- C BROADCAST FLOOR
- D MAIN ENTRANCE
- E ISOLATION CAPABLE & QUARANTINE BAY
- F ACCEPTS & STAGING BAY
- G ELEVATED SORTING FLOOR
- H DEPACK & FRACTIONATION PROCESS AREA
- I OUTGOING BULK SOLIDS BAY
- J BULK LIQUID RECEIVING BAY
- K MAINTENANCE ROOM
- L LAB & REGISTRY
- M MAINTENANCE OFFICE & TOOL STORAGE
- N SECURITY & SHIPPING OFFICE
- O SECURE OFFICE
- P FIRST AID OFFICE
- Q PPE / JANITORIAL STORAGE

EQUIPMENTS & STORAGE:

- 1 SEPARATOR
- 2 ATS
- 3 50YD BIN
- 4 SEDITANK
- 5 TIPPER BIN
- 6 VECOPLAN
- 7 50m³ SURGE TANK
- 8 30m³ SURGE TANK
- 9 COMPACTOR

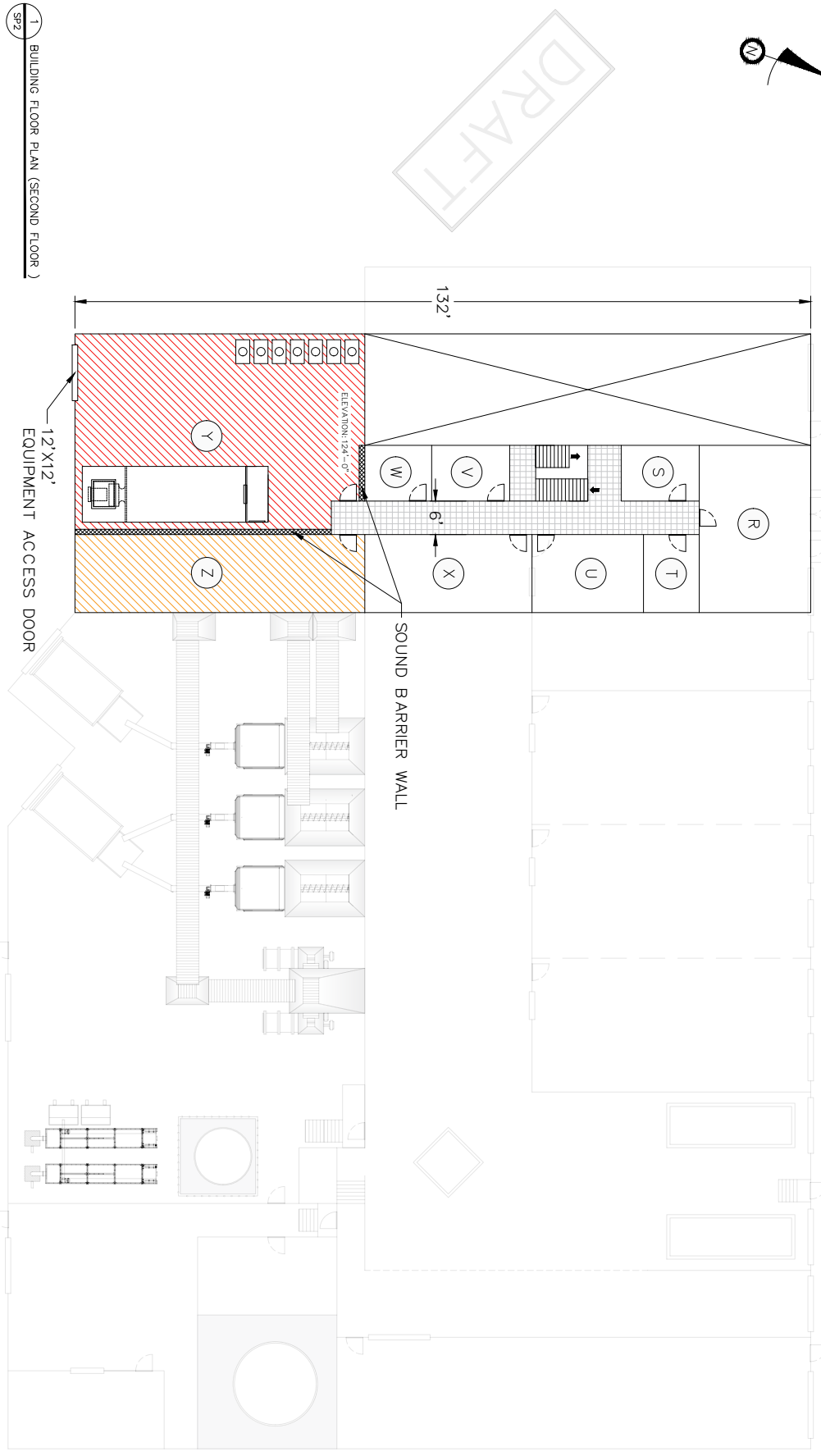
DRAFT

DRAWING NUMBER: OPC-SP1	DRAWING TITLE: ORGANICS PROCESSING CENTER GROUND FLOOR	 CH FOUR TOGAS <i>Your Organic Energy Potential Realized.</i>	PROJECT: ORGANICS PROCESSING CENTER & ANAEROBIC DIGESTER 633 Coronation Dr Scarborough, ON M1E 2K4	DOCUMENT STATUS:	
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JOB NUMBER: 17027	SCALE: As Shown			DATE	STATUS
				NO.	DATE
				REVISION	AUTHOR

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DRAFT



SITE PLAN AREAS:

- (R) EMPLOYEE LUNCH & TRAINING ROOM (20'X30')
- (S) STORAGE ROOM (10'X14')
- (T) JANITORIAL ROOM (10'X14')
- (U) WOMEN'S LOCKER ROOM (14'X20')
- (V) OFFICE (10'X14')
- (W) OFFICE (10'X12')
- (X) MEN'S LOCKER ROOM (14'X30')
- (Y) HEATING & ODOUR CONTROL ROOM (36'X52')
- (Z) ELECTRICAL ROOM (14'X52')

DRAWING NUMBER:
OPC-SP2

DRAWING TITLE: ORGANICS PROCESSING CENTER SECOND FLOOR		
DESIGNED BY: D.L.	CHECKED BY: J.K.B.	DRAWN BY: J.C.
JOB NUMBER: 17027	SCALE: As Shown	DATE: 4-Dec-19

TEL: 1-866-730-6500
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PROJECT:
ORGANICS PROCESSING CENTER
& ANAEROBIC DIGESTER
633 Coronation Dr
Scarborough, ON M1E 2K4

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