

PLANT BUILDING

1. The contractor shall verify the necessity of an air natural drafting system in order to maintain the inner temperature in accordance to the Australian safety and occupational rules. During the hot season the hourly heat generated in the plant in operation is the following:

-Furnace area	280000 Kca /h/
-Slag demolition area	150000 Kca /h/
-Refinery area	100000 Kca /h/
-Crystallizer tower	100000 Kca /h/

2. The building design shall include louvers capable to allow the following air intake:

-Battery breaker room	16000 Nm3/h/
-Charge preparation room	25000 Nm3/h/
-Furnace and refinery room	95000 Nm3/h/
-Slag demolition room	12000 Nm3/h/

3. The control room shall be equipped with the hvac system and the light shall have an intensity of 500 lux.

4. The drawing shows the main doors. Those access shall be of to kinds: the swinging type and the rolling type. The main doors shall have a glass window, spring return closing mechanism, and anti panic handle device. The drawing does not show any type of windows, however the window may be foreseen in according to the civil engineer design.

5. The building diffused lighting shall have an intensity of 250-300 lux. Emergency light are also required to maintain safe work conditions during the possible power black out. The emergency lighting intensity will be granted of 150 lux. The machinery equipments lighting and services (where it is required) will be part of detailed engineering.

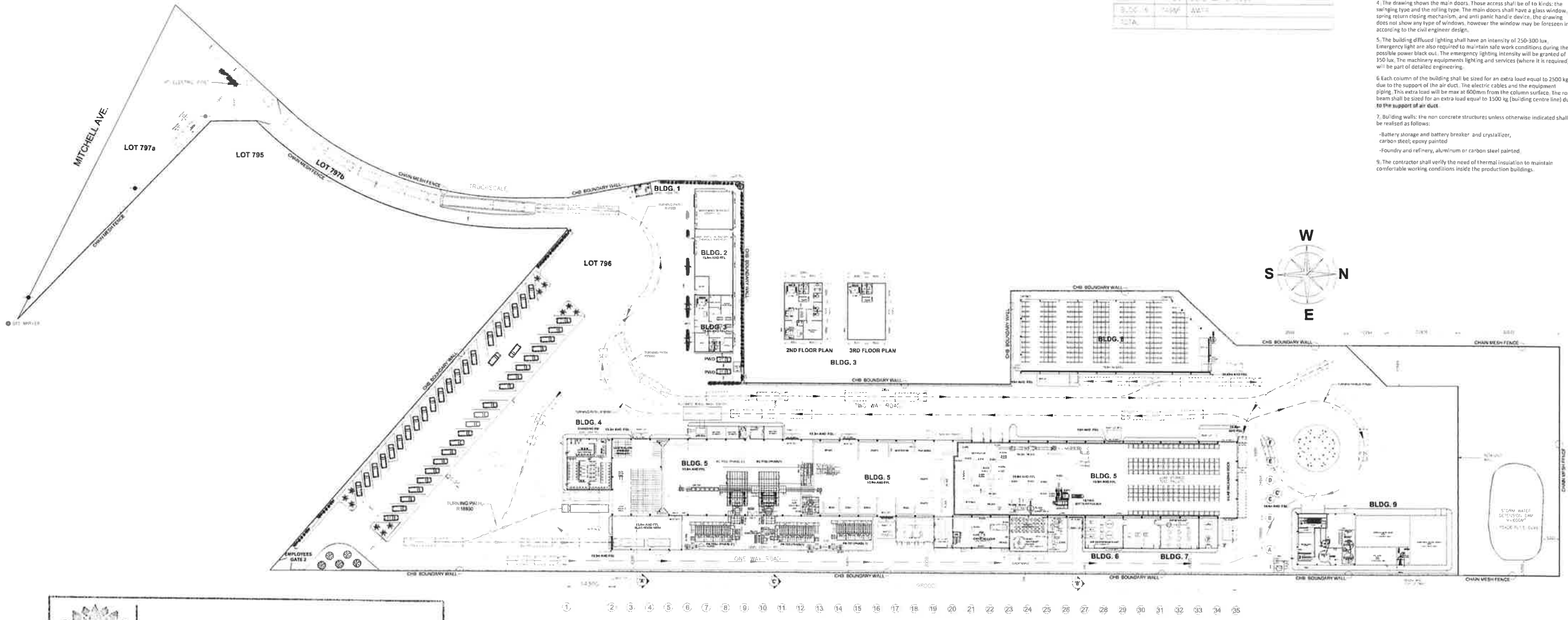
6. Each column of the building shall be sized for an extra load equal to 2500 kg due to the support of the air duct. The electric cables and the equipment piping. This extra load will be max at 600mm from the column surface. The roof beam shall be sized for an extra load equal to 1500 kg (building centre line) due to the support of an duct.

7. Building walls: the non concrete structures unless otherwise indicated shall be realised as follows:

- Battery storage and battery breaker and crystallizer, carbon steel, epoxy painted
- Foundry and refinery, aluminum or carbon steel painted

9. The contractor shall verify the need of thermal insulation to maintain comfortable working conditions inside the production buildings.

KKBR BUILDINGS BUILDING AREAS		
BLDG	AREA	DESCRIPTION
BLDG 1	1200	SLAG DEMOLITION SCALE AREA
BLDG 2	4000	SLAG DEMOLITION SCALE AREA
BLDG 3	1000	SLAG DEMOLITION SCALE AREA
BLDG 4	1000	SLAG DEMOLITION SCALE AREA
BLDG 5	1000	SLAG DEMOLITION SCALE AREA
BLDG 6	1000	SLAG DEMOLITION SCALE AREA
BLDG 7	1000	SLAG DEMOLITION SCALE AREA
BLDG 8	1000	SLAG DEMOLITION SCALE AREA
BLDG 9	1000	SLAG DEMOLITION SCALE AREA
BLDG 10	1000	SLAG DEMOLITION SCALE AREA
BLDG 11	1000	SLAG DEMOLITION SCALE AREA
BLDG 12	1000	SLAG DEMOLITION SCALE AREA
BLDG 13	1000	SLAG DEMOLITION SCALE AREA
BLDG 14	1000	SLAG DEMOLITION SCALE AREA
BLDG 15	1000	SLAG DEMOLITION SCALE AREA
BLDG 16	1000	SLAG DEMOLITION SCALE AREA
BLDG 17	1000	SLAG DEMOLITION SCALE AREA
BLDG 18	1000	SLAG DEMOLITION SCALE AREA
BLDG 19	1000	SLAG DEMOLITION SCALE AREA
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BLDG 23	1000	SLAG DEMOLITION SCALE AREA
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BLDG 100	1000	SLAG DEMOLITION SCALE AREA



GENERAL SITE LAYOUT & MACHINE ARRANGEMENT

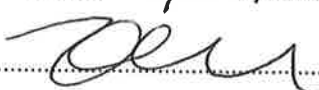


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Approved Application No.....7520

granted on the.....19/12/17

Signed.....

Sheet No.....of.....

REV	DATE	DESCRIPTION	DRAWN		CHECKED		APPROVED	
			BY	DATE	BY	DATE	BY	DATE
1	09/06/16	First issue	AAM		SEC			
2	09/13/16	Delete bldg 10 (slag block making)	AAM		SEC			
3	09/23/16	1. Furnaces made bigger in the building 5 wall 2. Furnaces burners have been shifted on the external side of the building 3. Fuel duct and gas cover installed in a corner of the charge preparation room 4. Buffer cooling water unit has been located outside	AAM		SEC			
4	10/12/16	1. Revised floor level 2. Revised Storm Water Retention Tank 3. Add Diesel Tank beside WWP building 4. Add Siphon tank at the front of PWL parking	AAM		SEC			
5	10/26/16	1. Revised 200 to 1000mm Retention Tank section	AAM		SEC			
6	12/01/16	Age Machine 300	AAM		SEC			
DESIGNER			DESIGN BY		DATE			
CLIENT			DRAWN BY		DATE			
CHECKED BY			CHECKED BY		DATE			
APPROVED BY			APPROVED BY		DATE			
NOTE			DATE		DATE			
			SCALE		BY			

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED

1	GL SHEET PRE-PANDED RIB 1.52 ROOFING MATERIAL	25	1000	1000
2	CONCRETE	10	1000	1000
3	REINFORCED CONCRETE	10	1000	1000
4	GL SHEET PRE-PANDED RIB 1.52 ROOFING MATERIAL	25	1000	1000
5	CONCRETE	10	1000	1000
6	REINFORCED CONCRETE	10	1000	1000
7	GL SHEET PRE-PANDED RIB 1.52 ROOFING MATERIAL	25	1000	1000
8	CONCRETE	10	1000	1000
9	REINFORCED CONCRETE	10	1000	1000



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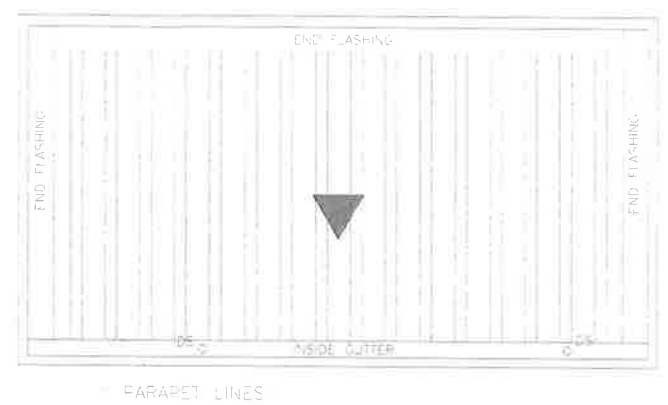
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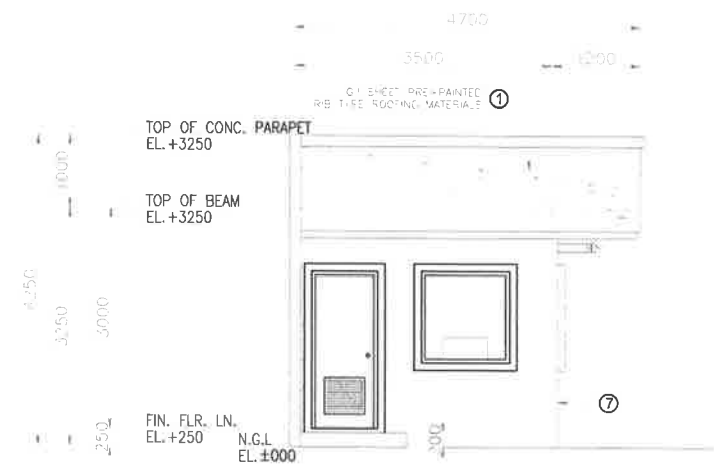
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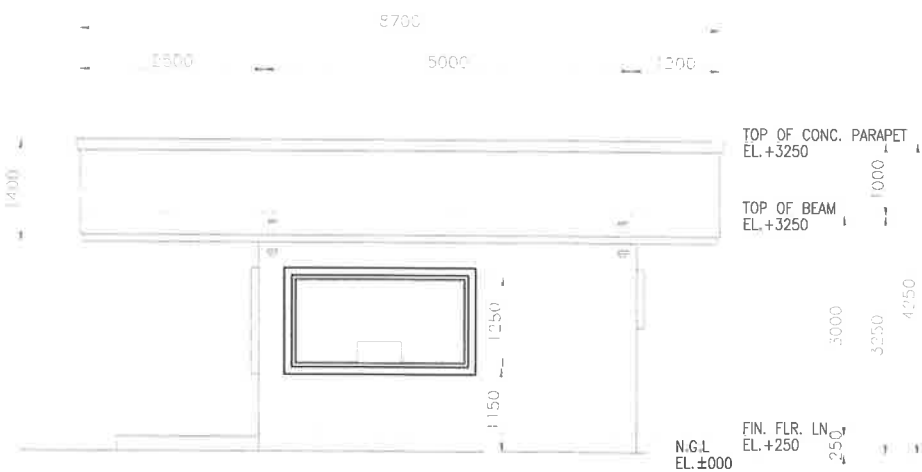
BUILDING 1- FLOOR PLAN
SCALE: 1:50



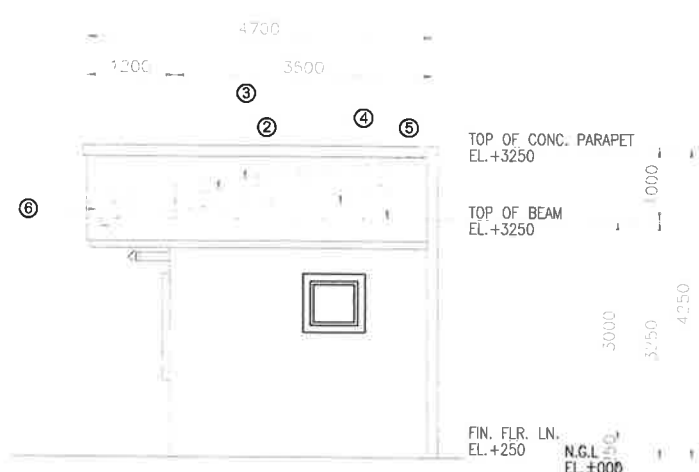
ROOF PLAN
SCALE: 1:50



FRONT ELEVATION
SCALE: 1:50



RIGHT SIDE ELEVATION
SCALE: 1:50

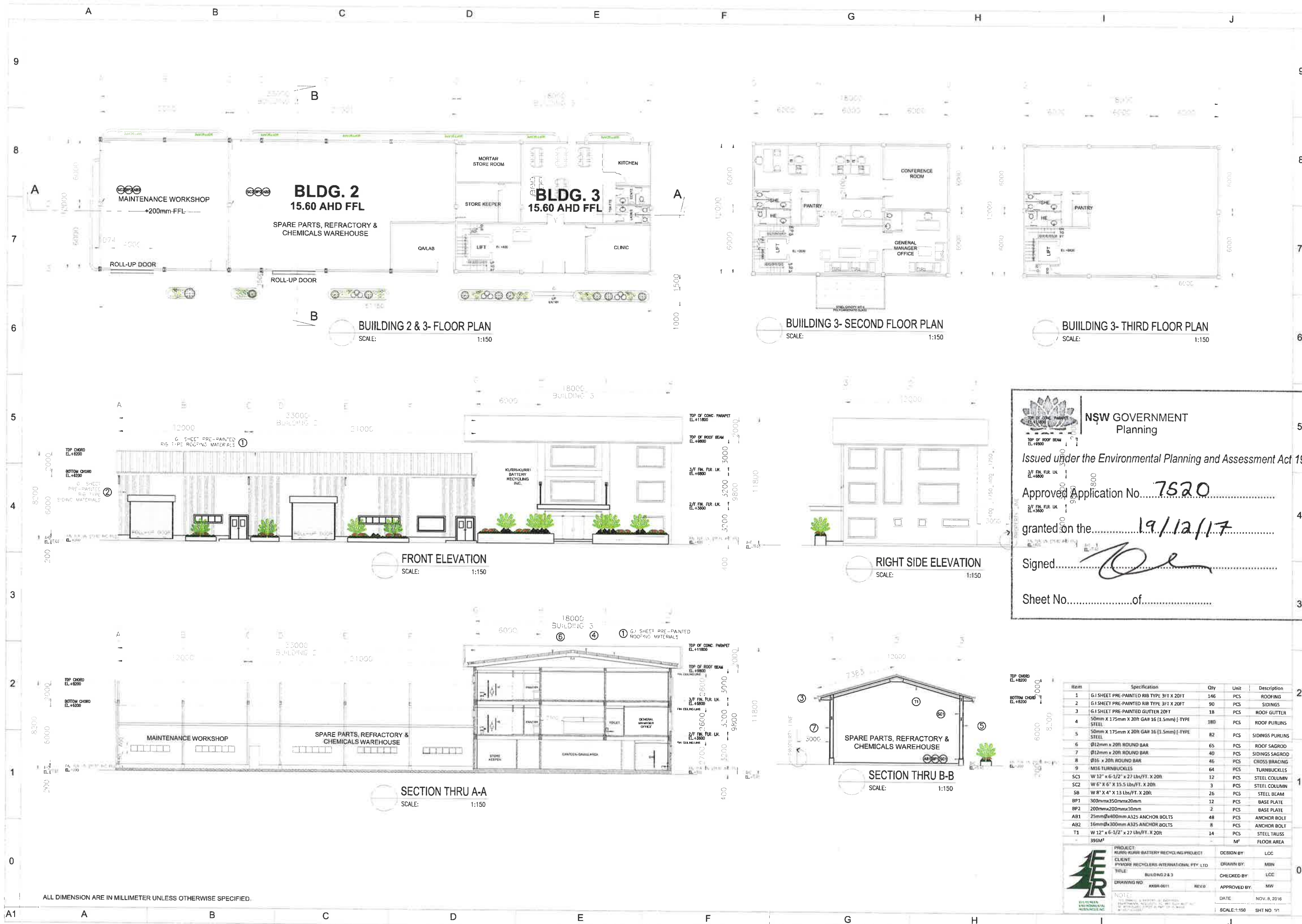


REAR ELEVATION
SCALE: 1:50



PROJECT:	KURRI-KURRI BATTERY RECYCLING PROJECT	DESIGN BY:	LCC
CLIENT:	PYMORE RECYCLERS INTERNATIONAL PTY. LTD.	DRAWN BY:	MDR
TITLE:	BUILDING 1- GUARD HOUSE	CHECKED BY:	LCC
DRAWING NO:	KKBR-0010	REV.0	APPROVED BY:
DATE:	NOV. 8, 2016	SCALE:1:50	SHT NO: 1/1

ALL DIMENSION ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.



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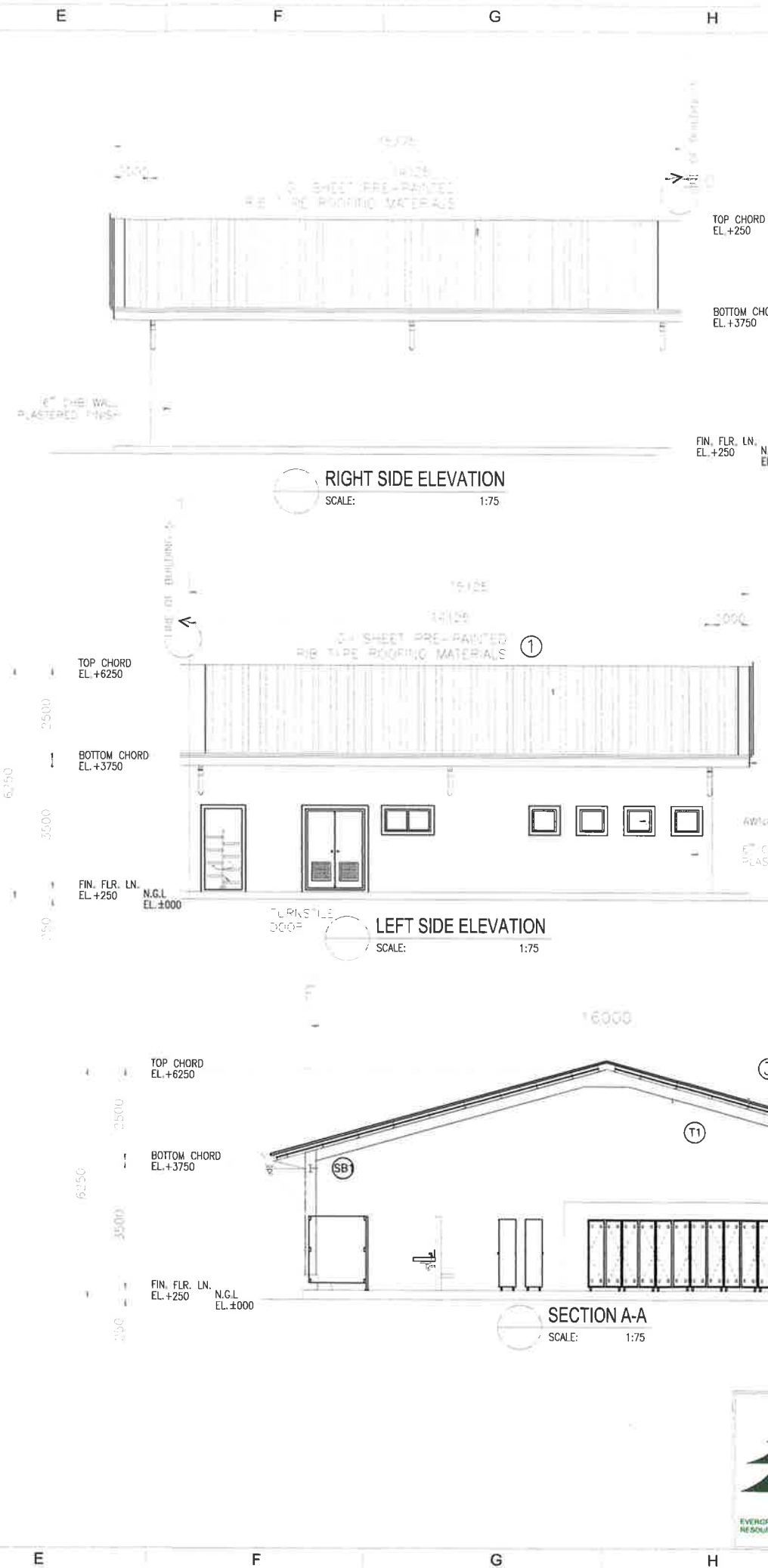
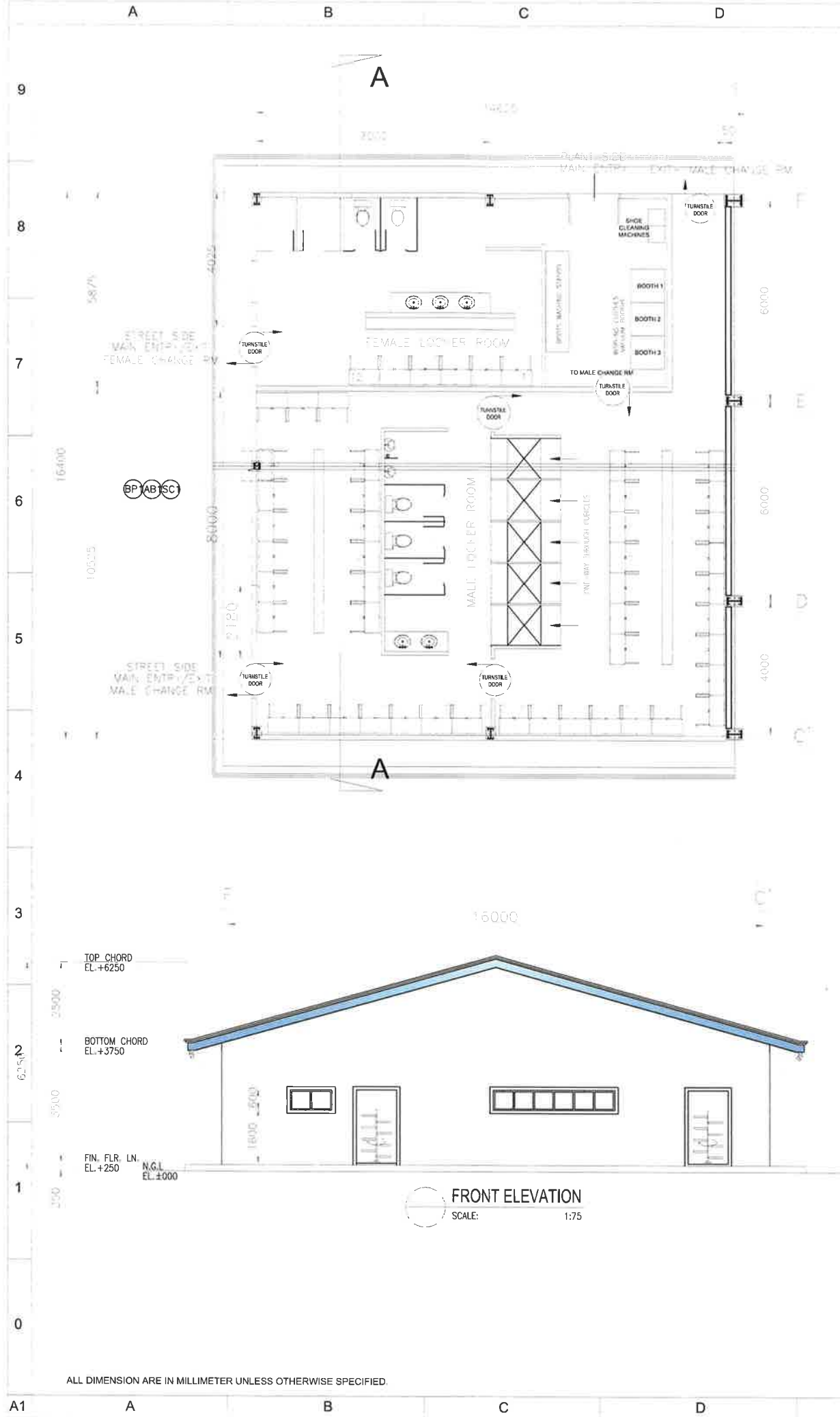
granted on the **19/12/17**

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Sheet No. of

Item	Specification	Qty	Unit	Description
1	G1 SHEET PRE-PANED RIB TYPE 3FT X 20FT	146	PCS	ROOFING
2	G1 SHEET PRE-PANED RIB TYPE 3FT X 20FT	90	PCS	SIDINGS
3	G1 SHEET PRE-PANED GUTTER 20FT	18	PCS	ROOF GUTTER
4	50mm X 175mm X 20ft GAF 16 (1.5mm) [-TYPE STEEL	180	PCS	ROOF PURLINS
5	50mm X 175mm X 20ft GAF 16 (1.5mm) [-TYPE STEEL	82	PCS	SIDINGS PURLINS
6	Ø12mm x 20ft ROUND BAR	65	PCS	ROOF SAGROD
7	Ø12mm x 20ft ROUND BAR	40	PCS	SIDINGS SAGROD
8	Ø16 x 20ft ROUND BAR	46	PCS	CROSS BRACING
9	M16 TURNBUCKLES	64	PCS	TURNBUCKLES
SC1	W 12" x 6-1/2" x 27 Lbs/FT. X 20ft	12	PCS	STEEL COLUMN
SC2	W 6" x 6" x 15.5 Lbs/FT. X 20ft	3	PCS	STEEL COLUMN
SB	W 8" x 4" x 13 Lbs/FT. X 20ft	26	PCS	BASE BEAM
BP1	300mmx350mmx20mm	12	PCS	BASE PLATE
BP2	200mmx200mmx10mm	2	PCS	BASE PLATE
AB1	25mmØx400mm A325 ANCHOR BOLTS	48	PCS	ANCHOR BOLT
AB2	16mmØx300mm A325 ANCHOR BOLTS	8	PCS	ANCHOR BOLT
T1	W 12" x 6-1/2" x 27 Lbs/FT. X 20ft	14	PCS	STEEL TRUSS
396M²			M²	FLOOR AREA

PROJECT: KURRI-KURRI BATTERY RECYCLING PROJECT
CLIENT: PYRORE RECYCLERS INTERNATIONAL PTY. LTD.
TITLE: BUILDING 2 & 3
DRAWING NO: KKR-001
REV'D: NOV. 8, 2016
SCALE: 1:150
SHT NO: 1/1



Item	Specification	Qty	Unit	Description
1	G J SHEET PRE-PANDED RIB TYPE 3FT X 20FT	47	PCS	ROOFING
2	G J SHEET PRE-PANDED GUTTER 20FT	5	PCS	ROOF GUTTER
3	50mm X 175mm X 20R GA# 16 (1.5mm) I-TYPE STEEL	55	PCS	ROOF PURLINS
4	Ø12mm x 20ft ROUND BAR	17	PCS	ROOF SAGROD
5	Ø16 x 20ft ROUND BAR	30	PCS	CROSS BRACING
6	M16 TURNBUCKLES	11	PCS	TURNBUCKLES
SC1	W 12" x 6" x 1/2" x 27 Lbs/FT. X 20ft	3	PCS	STEEL COLUMN
SC2	W 6" x 6" x 1/2" x 15.5 Lbs/FT. X 20ft	1	PCS	STEEL COLUMN
SB1	W 8" x 4" x 1/2" x 13 Lbs/FT. X 20ft	8	PCS	STEEL BEAM
BP1	300mmx350mmx20mm	4	PCS	BASE PLATE
BP2	200mmx200mmx10mm	1	PCS	BASE PLATE
AB1	25mmØx400mm A325 ANCHOR BOLTS	16	PCS	ANCHOR BOLT
AB2	16mmØx300mm A325 ANCHOR BOLTS	4	PCS	ANCHOR BOLT
T1	W 12" x 6" x 1/2" x 27 Lbs/FT. X 20ft	3	PCS	STEEL TRUSS
	228 BM ²		M ²	FLOOR AREA



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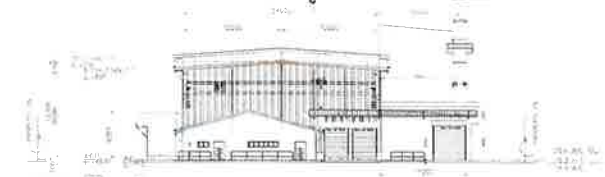
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	CLIENT: PYMORE RECYCLERS INTERNATIONAL PTY. LTD.		DRAWN BY: MBN
	TITLE: BUILDING 4- CHANGING ROOM		CHECKED BY: LCC
	DRAWING NO: KKBR-0012	REV.0	APPROVED BY: MW
	DATE: NOV. 8, 2016		
SCALE: 1:75		SHT NO: 1/1	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35



SECTIONAL ELEVATION @ GRID LINE A/ 1-35

F E D C B A



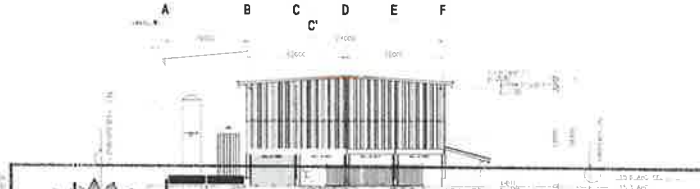
SECTIONAL ELEVATION @ GRID LINE 1/ F-A

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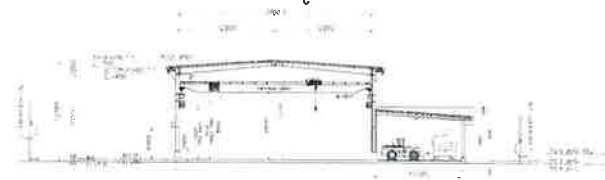
SECTIONAL ELEVATION @ GRID LINE F/ 35-1

A B C D E F



SECTIONAL ELEVATION @ GRID LINE 35/ A-F

F E D C B A



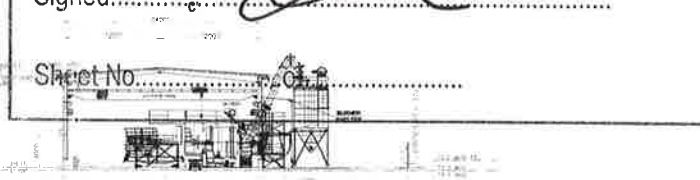
CROSS SECTION THRU 'A'-A'

F E D C B A



CROSS SECTION THRU 'B'-B'

F E D C B A



CROSS SECTION THRU 'C'-C'

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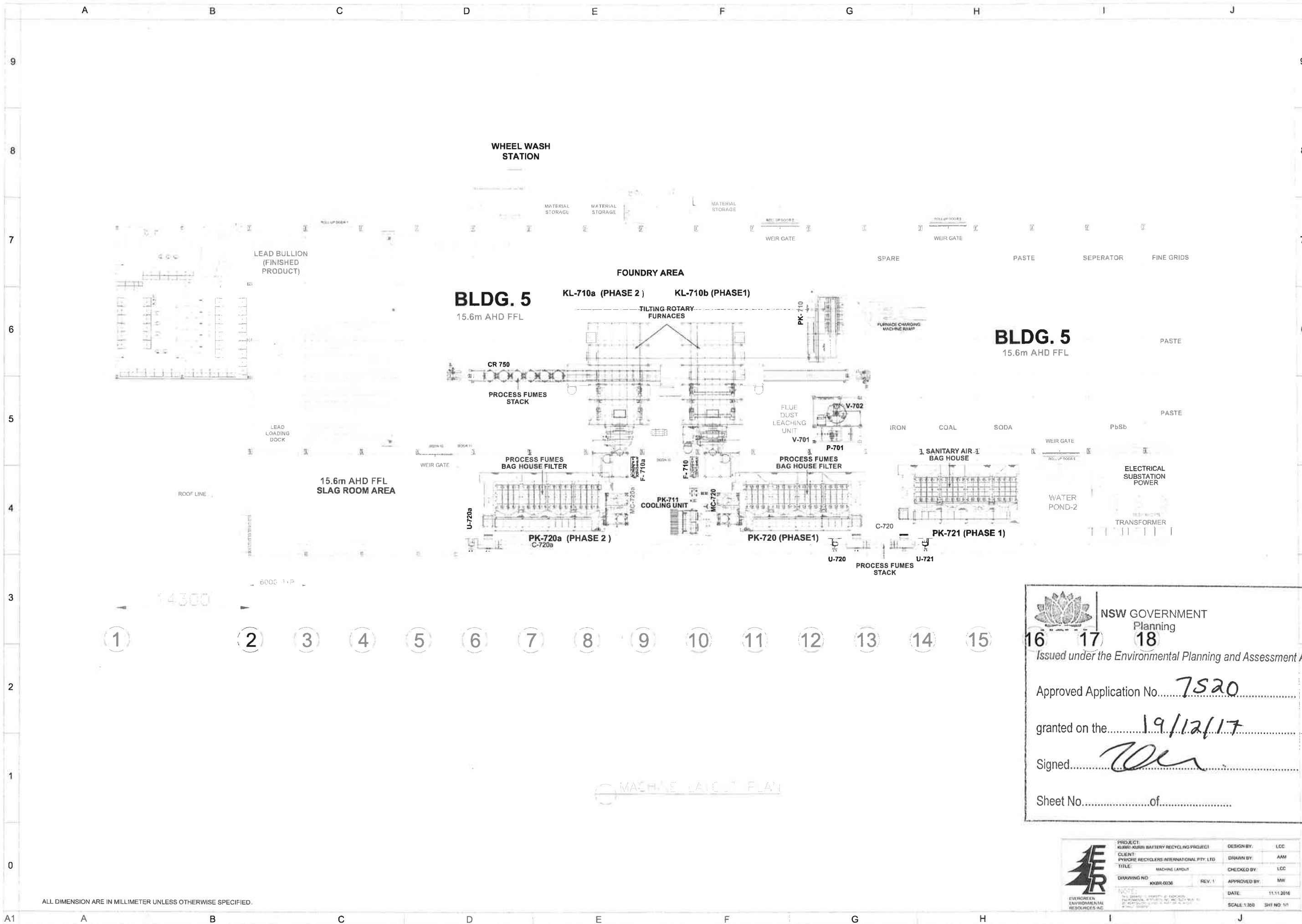
granted on the 19/12/17

Signed: [Signature]

Sheet No. 1 of 2

ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED

EVERGREEN ENVIRONMENTAL RESOURCES INC.	PROJECT:	WATER BATTERY RE-CLUSE PROJECT	DRAWN BY:	JFC
	CLIENT:	PHYSCHE RE-CLUSE INTERNATIONAL PTY LTD	CHECKED BY:	AMAM
	DATE:	2016/12/19	APPROVED BY:	JFC
	DRAWN BY:	AMAM	DATE:	17/12/2016
	SCALE:	1:100	SHEET NO:	1 OF 2



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Sheet No. of

PROJECT:	KURRI-KURRI BATTERY RECYCLING PROJECT	DESIGN BY:	LCC
CLIENT:	PHASIS RECYCLERS INTERNATIONAL PTY. LTD.	DRAWN BY:	AAM
TITLE:	MACHINE LAYOUT	CHECKED BY:	LCC
DRAWING NO:	KKR0036	REV:	1
APPROVED BY:	MW	DATE:	11.11.2016
SCALE:	1:350	SHEET NO:	1/1



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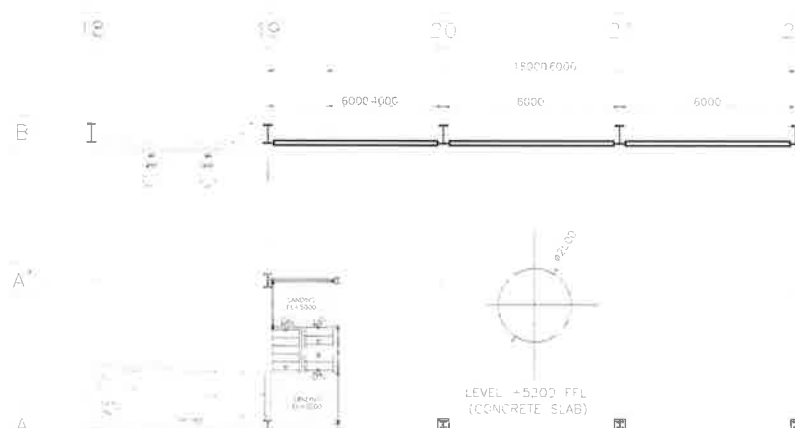
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Sheet No. of

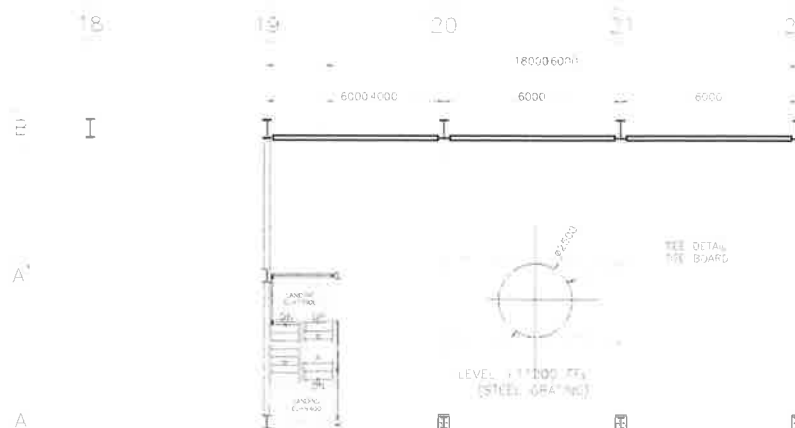
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1	G.I SHEET PRE-PAINTED RIB TYPE 3FT X 20FT	40	PCS	ROOFING
2	G.I SHEET PRE-PAINTED RIB TYPE 3FT X 20FT	160	PCS	SIDINGS
3	G.I SHEET PRE-PAINTED GUTTER 20FT	3	PCS	ROOF GUTTER
4	50mm X 175mm X 20ft GA# 16 (1.5mm) I-TYPE STEEL	45	PCS	ROOF PURLINS
5	50mm X 175mm X 20ft GA# 16 (1.5mm) I-TYPE STEEL	120	PCS	SIDINGS PURLINS
6	Ø12mm x 20ft ROUND BAR	22	PCS	ROOF SAGROD
7	Ø12mm x 20ft ROUND BAR	85	PCS	SIDINGS SAGROD
8	Ø16 x 20ft ROUND BAR	11	PCS	CROSS BRACING
9	M16 TURNBUCKLES	6	PCS	TURNBUCKLES
SC1	W 18" x 11" x 114 lbs/FT. X 20ft	16	PCS	STEEL COLUMN
SB1	W 21" X 8.5" X 62Lbs/FT. X 20ft	40	PCS	STEEL BEAM
SB2	W 16" X 7" X 40Lbs/FT. X 20ft	3	PCS	STEEL BEAM
BP1	350mmx550mmx25mm	6	PCS	BASE PLATE
AB1	25mmØx400mm A325 ANCHOR BOLTS	36	PCS	ANCHOR BOLT
T1	W 8" X 4" X 13Lbs/FT. X 20ft	13	PCS	STEEL TRUSS
	180M ²		M ²	FLOOR AREA



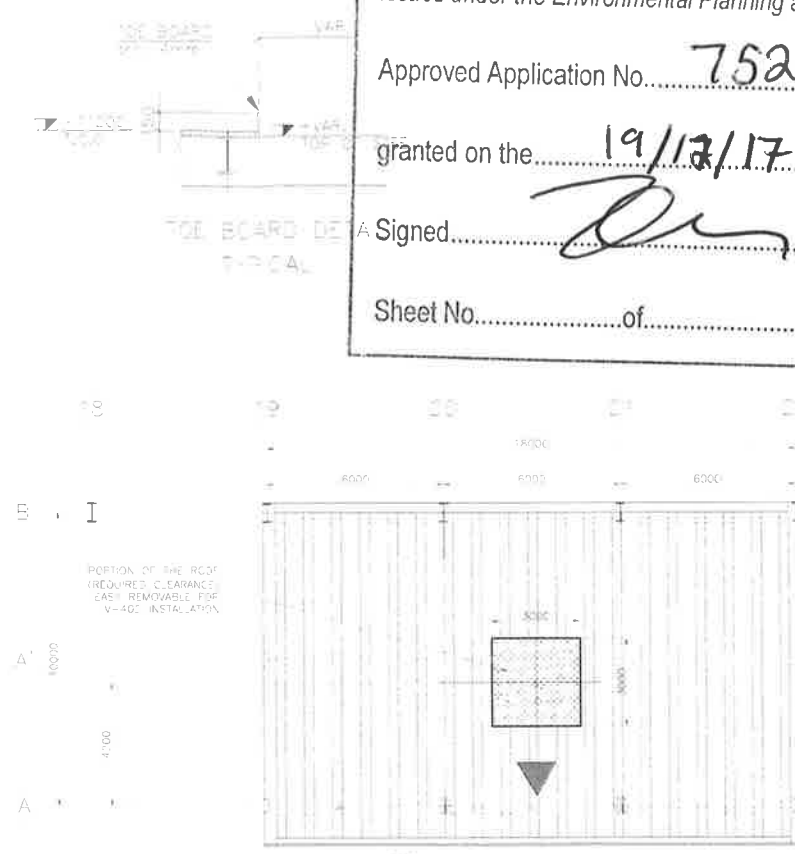
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GROUND FLOOR PLAN
SCALE: 1:125



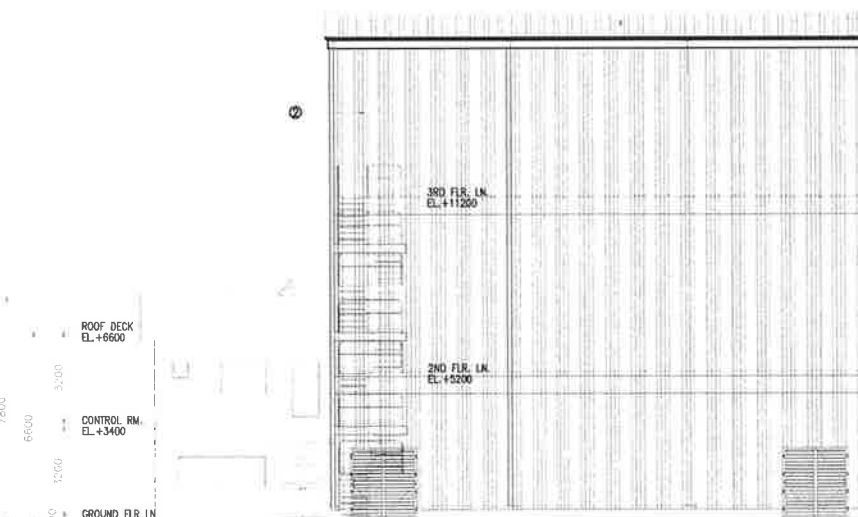
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SCALE: 1:125



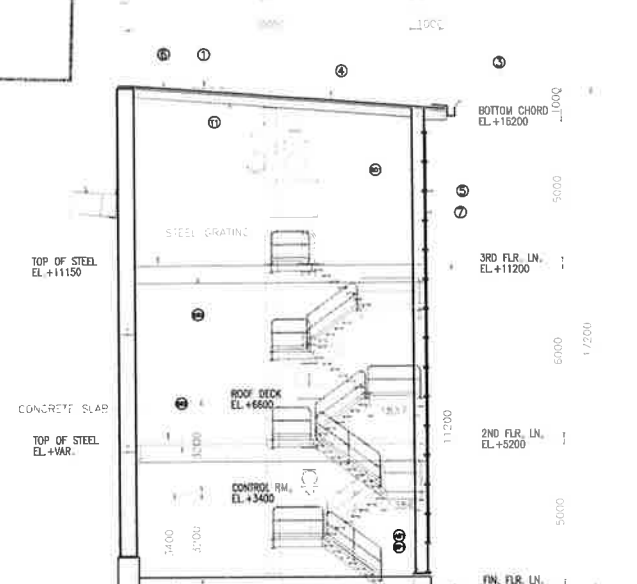
3RD FLOOR PLAN EL @+11200
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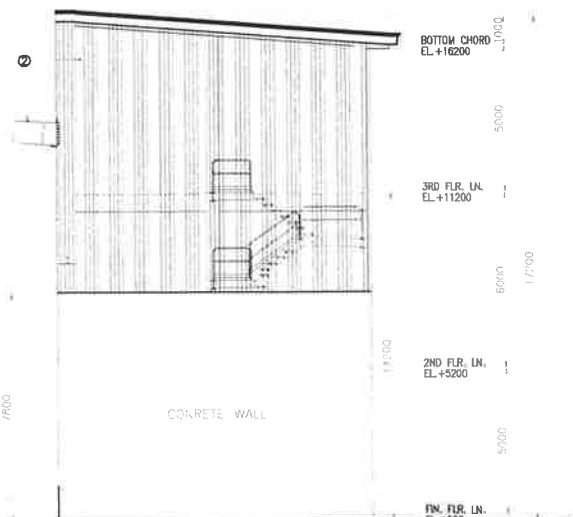
ROOF PLAN
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FRONT ELEVATION
SCALE: 1:125



SECTION A-A
SCALE: 1:125

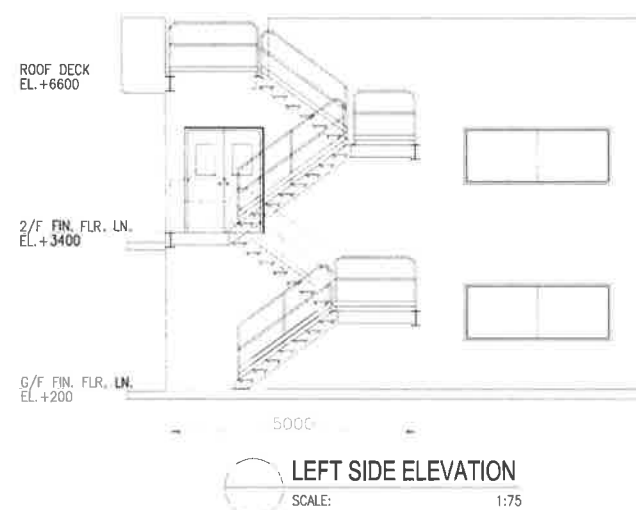
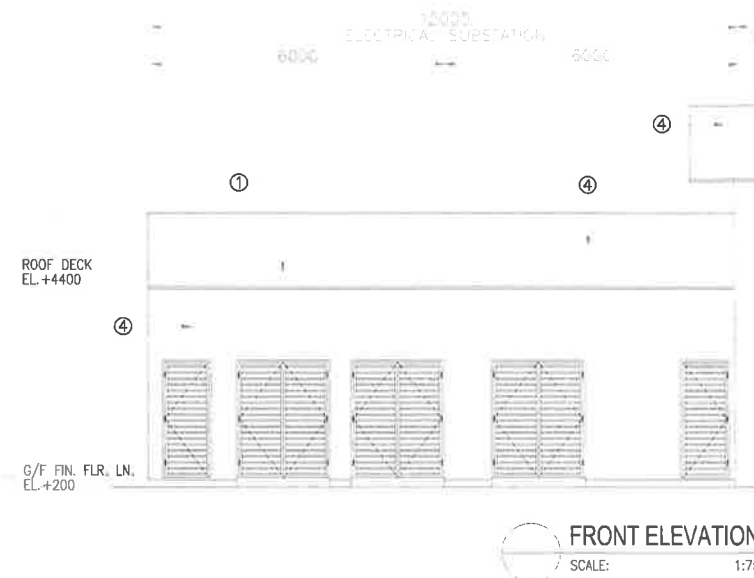
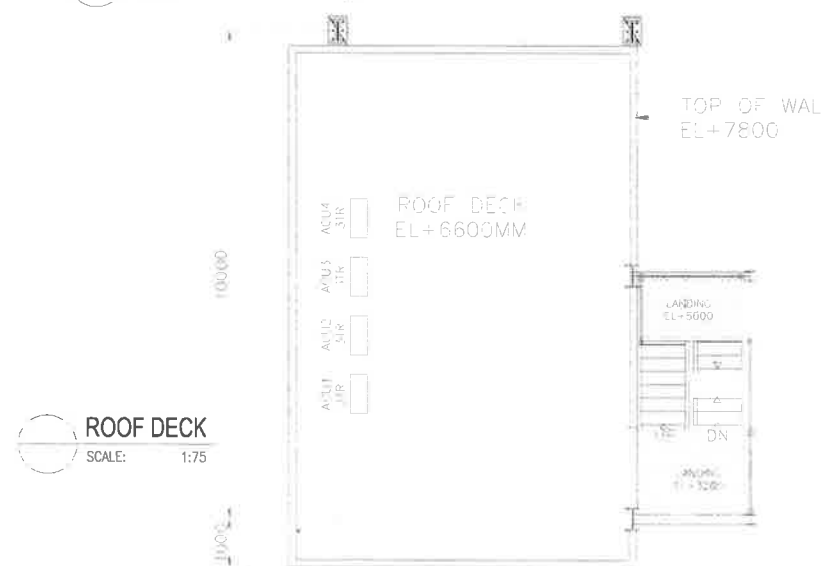
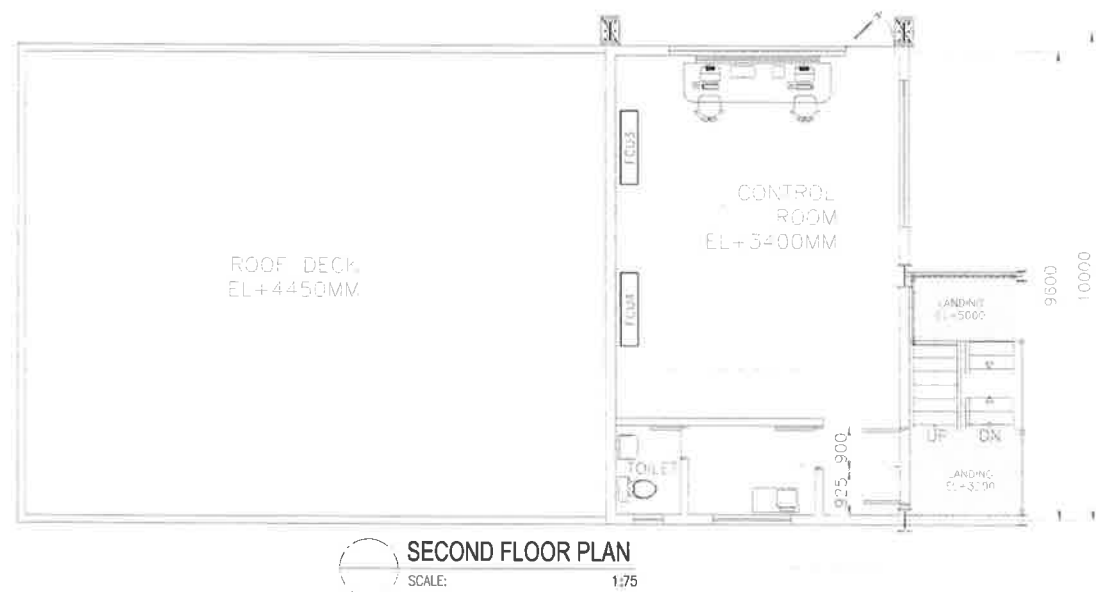
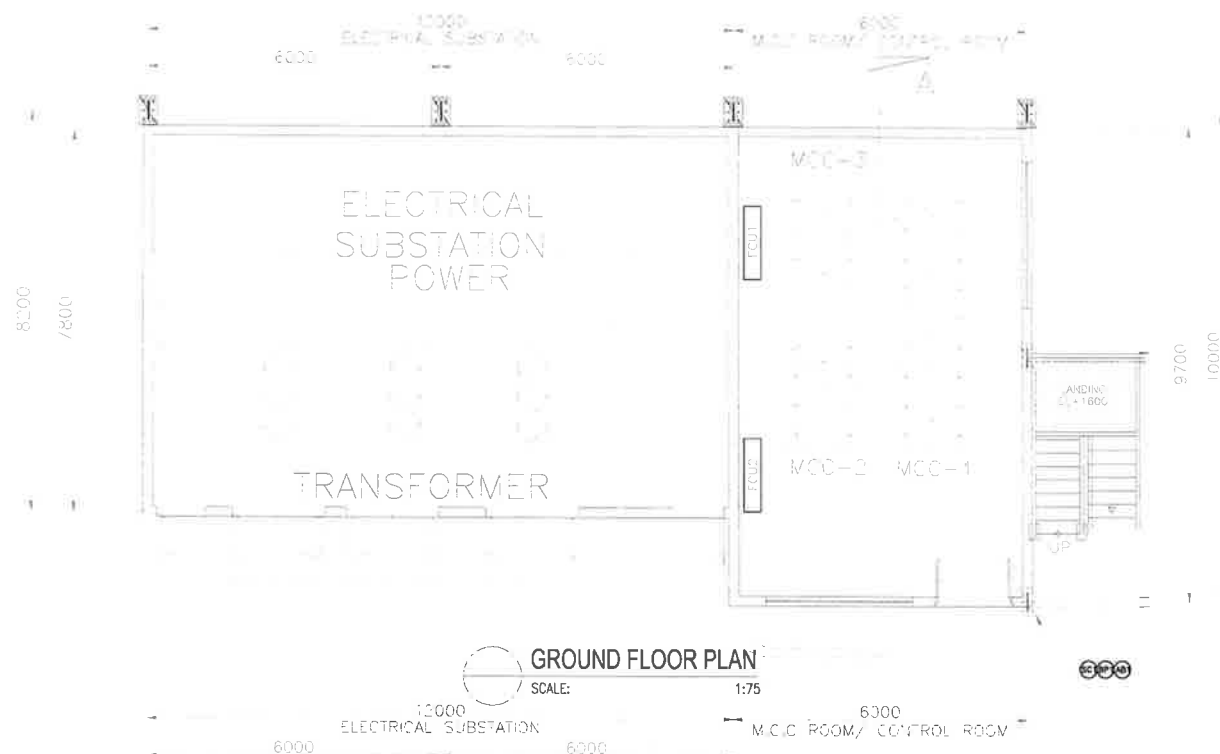


LEFT SIDE ELEVATION
SCALE: 1:125

ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED

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	CLIENT: [Blank]	DRAWN BY: [Blank]
	DATE: [Blank]	CHECKED BY: [Blank]
	DATE: [Blank]	DATE: [Blank]

Item	Specification	Qty	Unit	Description
1	W 16" x 8.5" x 27 Lbs/FT. X 20ft	13	PCS	ROOFING DECK FRAME
2	W 16" x 8.5" x 27 Lbs/FT. X 20ft	7	PCS	2ND FRAME
3	W 12" x 6-1/2" x 27 Lbs/FT. X 20ft	9	PCS	CONTROL RM ROOF DECK FRAME
4	CONCRETE	-	-	WALL
SC1	W 16" x 8-1/2" x 58 Lbs/FT. X 20ft	8	PCS	STEEL COLUMN
BP1	550mmx350mmx25mm	7	PCS	BASE PLATE
AB1	25mmØx600mm A325 ANCHOR BOLTS	42	PCS	ANCHOR BOLT
-	180M²	-	M²	FLOOR AREA



NSW GOVERNMENT Planning

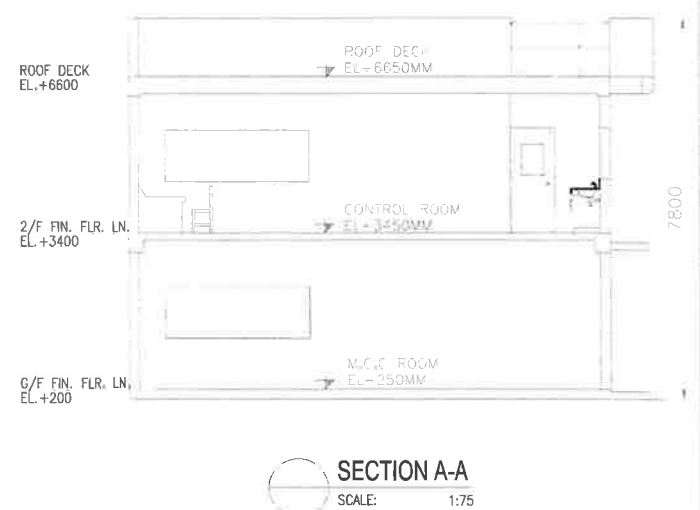
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. 2520

granted on the 19/12/17

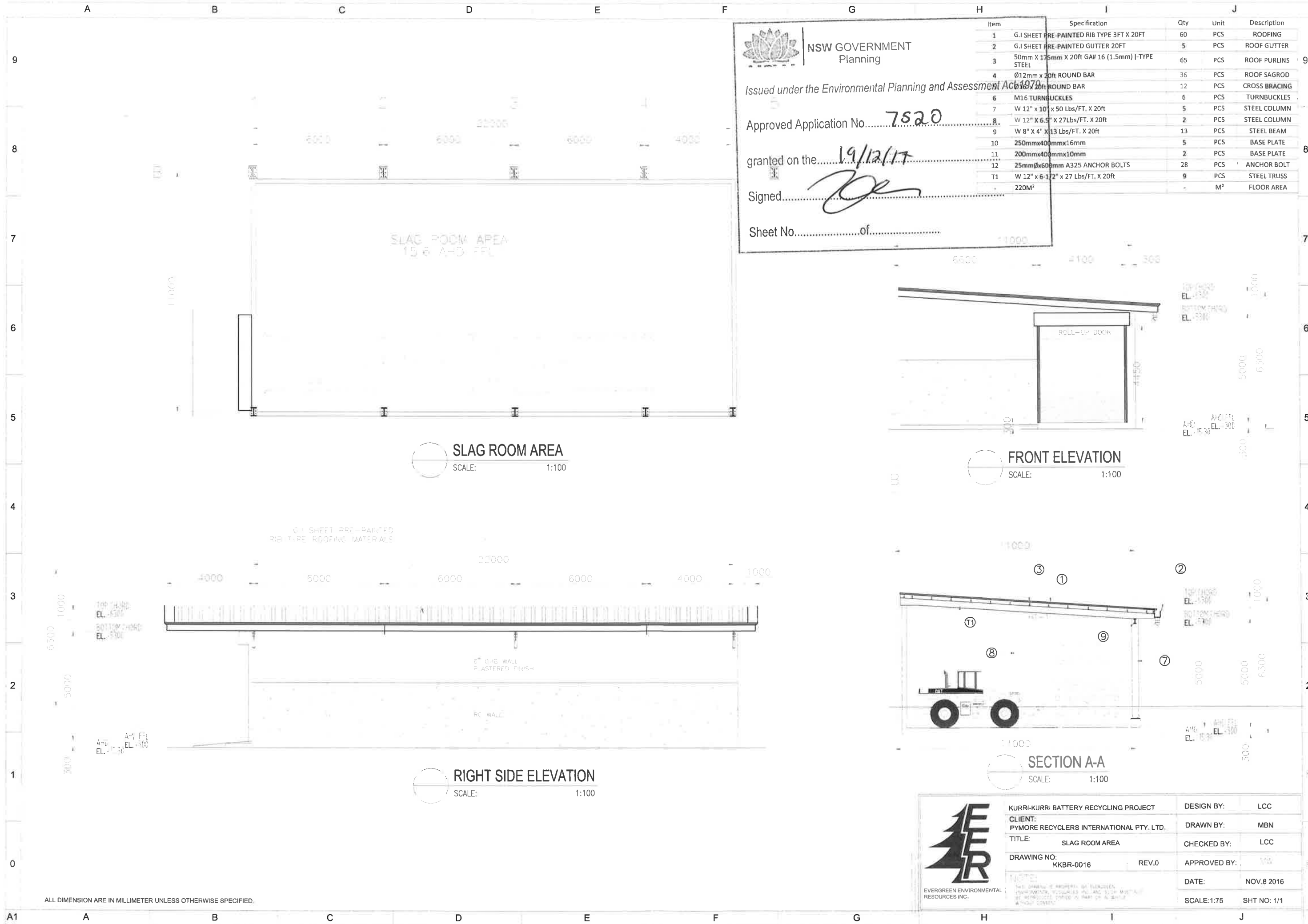
Signed [Signature]

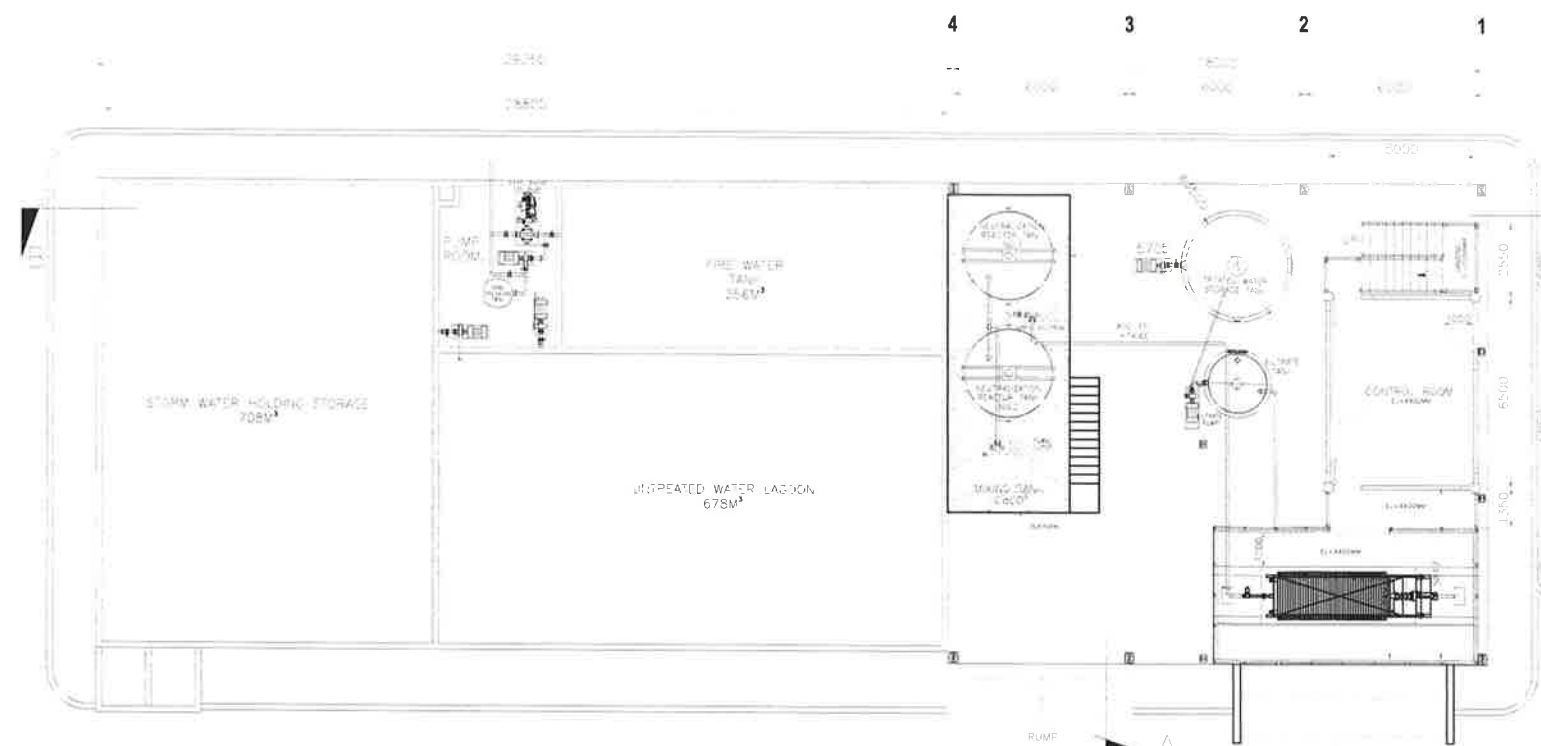
Sheet No. 1 of 1



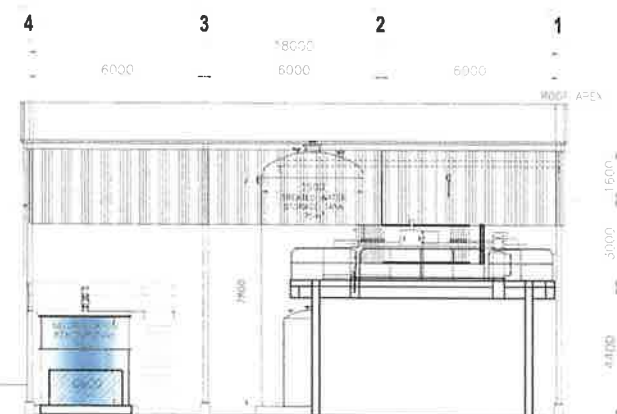
	PROJECT:	FURRI-PURRI BATTERY RECYCLING PROJECT	DESIGN BY:	LOC
	CLIENT:	PANGEA RECYCLERS INTERNATIONAL PT. LTD.	DRAWN BY:	WPL
	TITLE:	ELECTRICAL SUBSTATION / MCC RM / CONTROL RM	CHECKED BY:	LOC
	DRAWING NO:	ERM-0018	REV:	1
			APPROVED BY:	WPL
NOTE:		DATE:		NOV 2016
THIS DRAWING IS PROPERTY OF EVERGREEN ENVIRONMENTAL RESOURCES INC. AND SUCH MUST NOT BE REPRODUCED OR COPIED IN ANY FORM WITHOUT CONSENT.		SCALE:		1:75
		SHEET NO:		1/1

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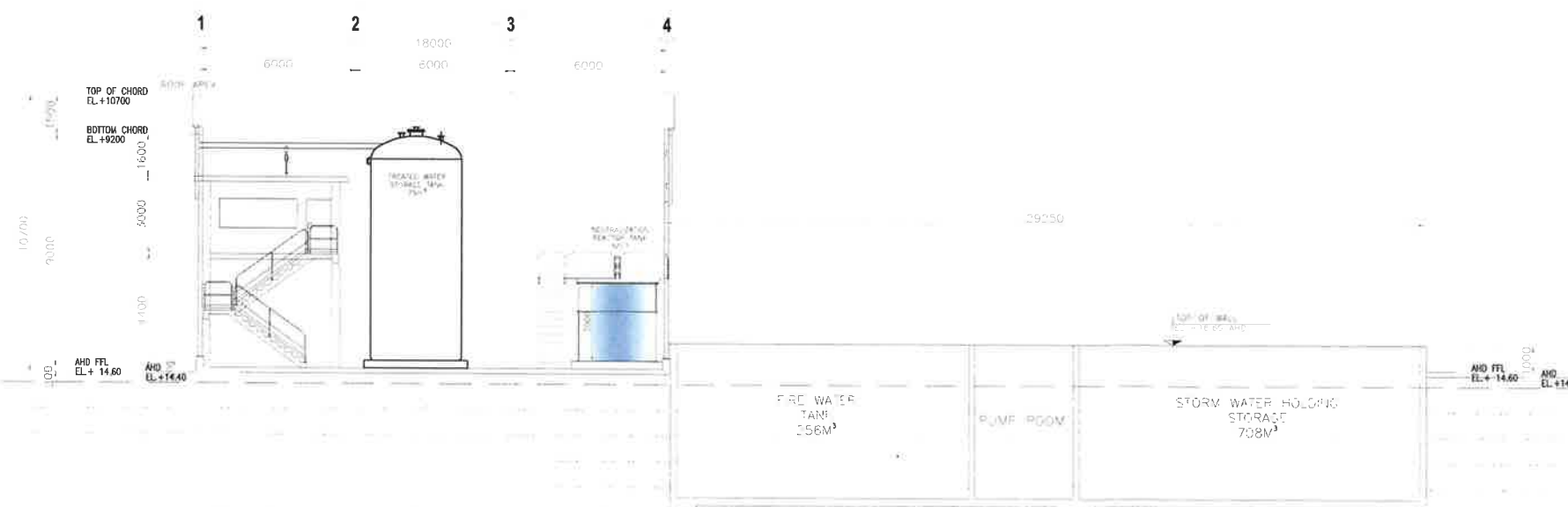




BUILDING 9 - FLOOR PLAN
SCALE: 1:125



FRONT ELEVATION
SCALE: 1:125



SECTION B-B
SCALE: 1:125



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Planning

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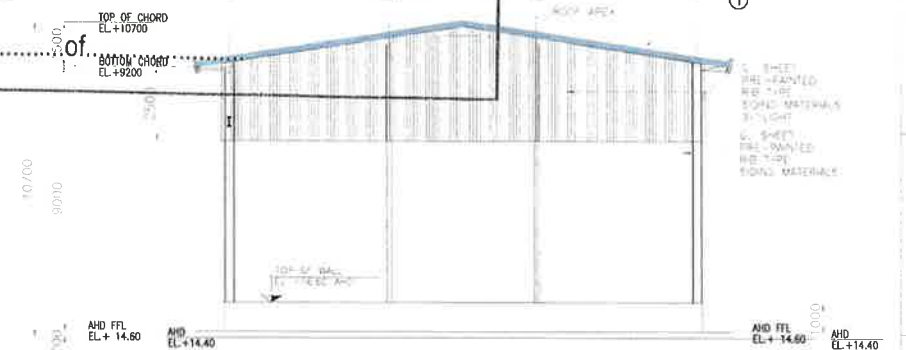
Approved Application No. **7520**

granted on the **19/12/17**

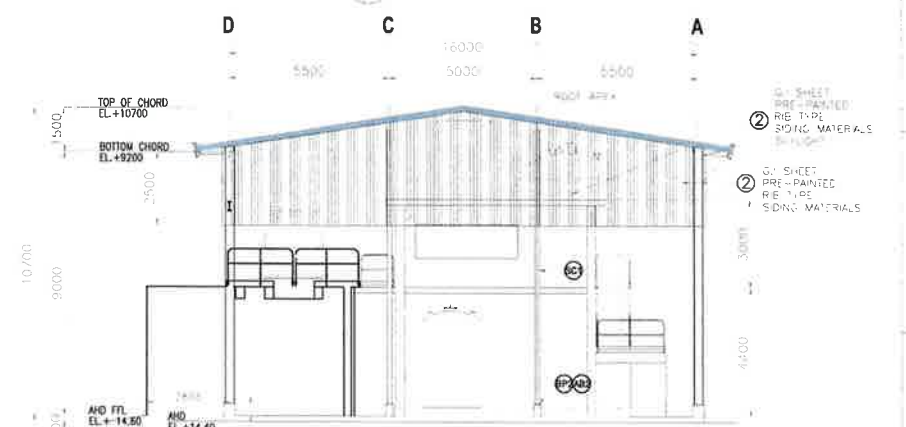
Signed *[Signature]*

Sheet No. **1** of **1**

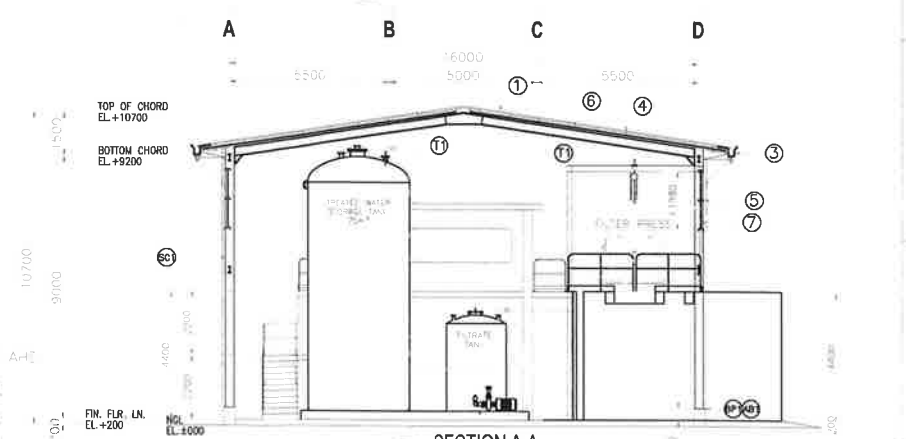
Item	Specification	Qty	Unit	Description
1	G.I. SHEET PRE-PAINTED RIB TYPE 3FT X 20FT	62	PCS	ROOFING
2	G.I. SHEET PRE-PAINTED RIB TYPE 3FT X 20FT	53	PCS	SIDINGS
3	G.I. SHEET PRE-PAINTED GUTTER 20FT	6	PCS	ROOF GUTTER
4	50mm X 175mm X 20ft GAR 16 (1.5mm) I-TYPE	67	PCS	ROOF PURLINS
5	50mm X 175mm X 20ft GAR 16 (1.5mm) I-TYPE	23	PCS	SIDINGS PURLINS
6	Ø12mm X 20ft ROUND BAR	40	PCS	ROOF SAGROD
7	Ø12mm X 20ft ROUND BAR	12	PCS	SIDINGS SAGROD
8	Ø16 X 20ft ROUND BAR	20	PCS	CROSS BRACING
9	TURNBUCKLES	10	PCS	TURNBUCKLES
SC1	W 12 X 6-1/2 X 27 Lbs/FT. X 20ft	10	PCS	STEEL COLUMN
SC2	W 6 X 6 X 15.5 Lbs/FT. X 20ft	7	PCS	STEEL COLUMN
SB1	W 8 X 4 X 13 Lbs/FT. X 20ft	21	PCS	STEEL BEAM
BP1	400mm X 250mm X 20mm	7	PCS	BASE PLATE
BP2	200mm X 200mm X 10mm	4	PCS	BASE PLATE
AB1	25mm Ø X 300mm A325 ANCHOR BOLTS	28	PCS	ANCHOR BOLT
AB2	16mm Ø X 300mm A325 ANCHOR BOLTS	16	PCS	ANCHOR BOLT
T1	W 12 X 6-1/2 X 27 Lbs/FT. X 20ft	10	PCS	STEEL TRUSS
	486M ²		M ²	FLOOR AREA



LEFT SIDE ELEVATION
SCALE: 1:125



RIGHT SIDE ELEVATION
SCALE: 1:125



SECTION A-A



PROJECT: FIRE WATER TANK RECYCLING PROJECT	DESIGN: B	DATE: 15/12/17
DRAWN: B	CHECKED: B	DATE: 15/12/17
APPROVED: B	DATE: 15/12/17	SCALE: 1:125

ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED



NSW GOVERNMENT
Planning

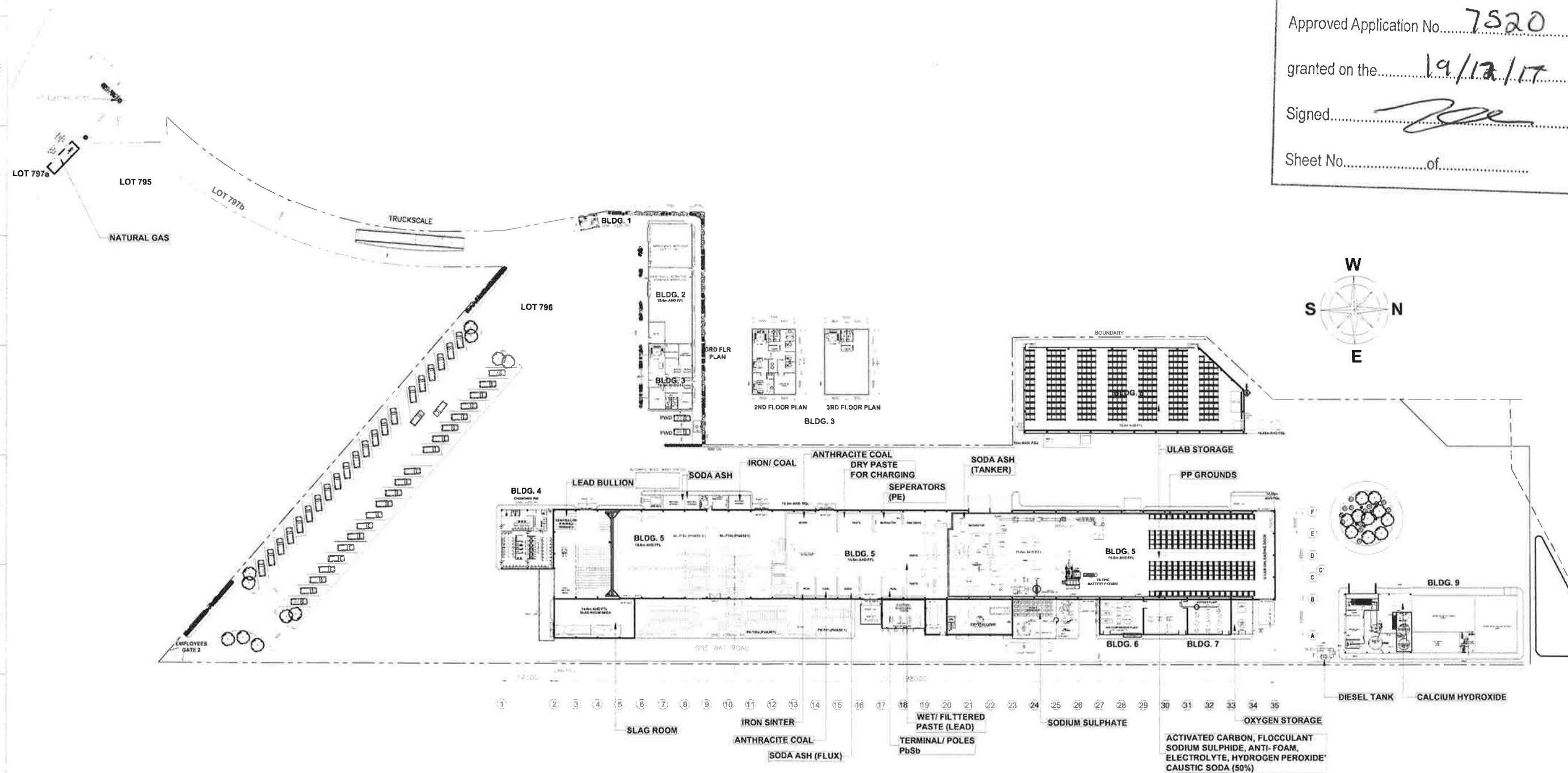
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. 7520

granted on the 19/12/17

Signed [Signature]

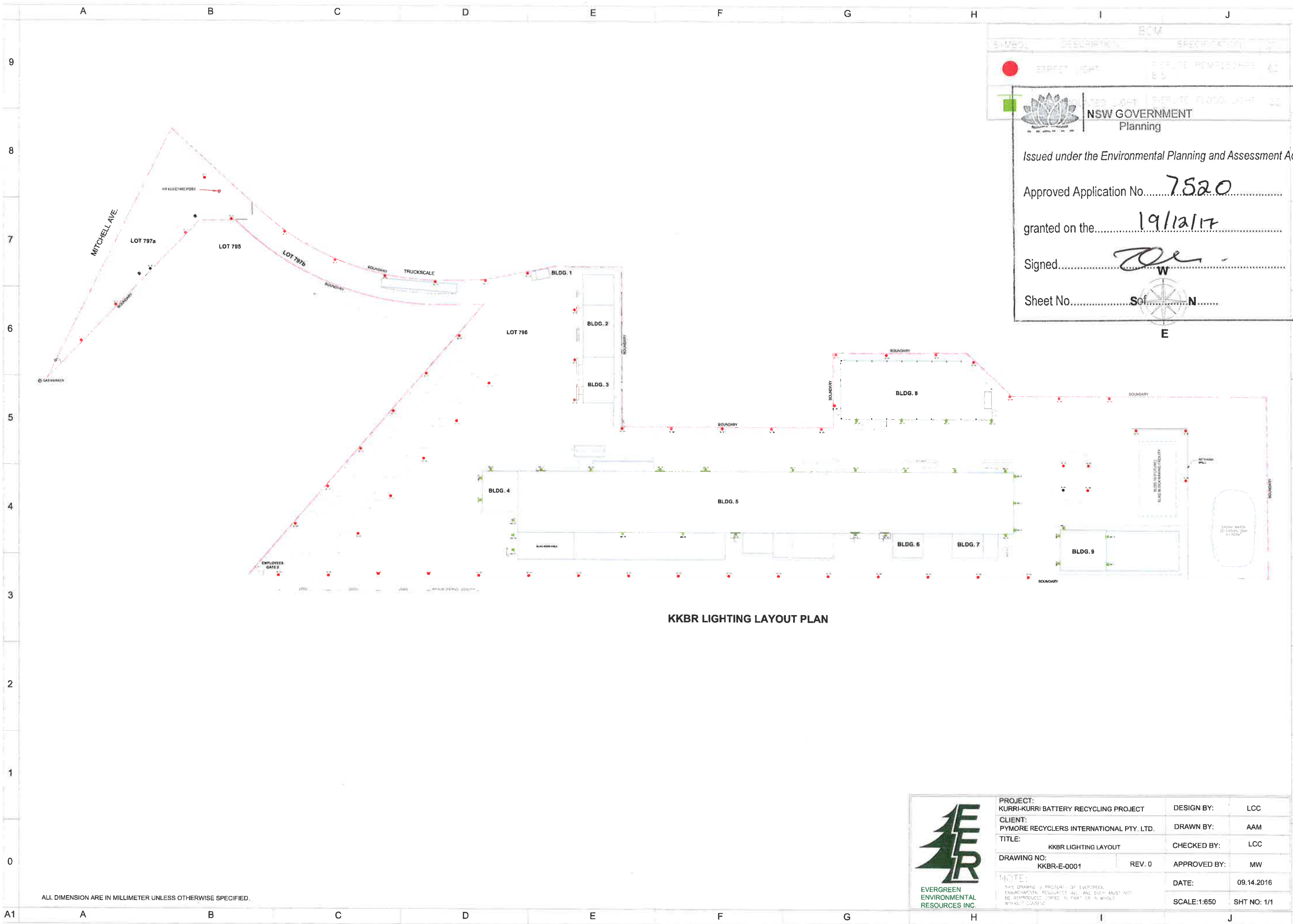
Sheet No. of



MATERIAL STORAGE SYSTEM



DESIGNER EVERGREEN ENVIRONMENTAL RESOURCES INC.	DESIGN BY LCC
DRAWN BY MAYAM	DATE 15/12/17
CHECKED BY VCC	SCALE AS SHOWN
APPROVED BY MW	



SYMBOL	DESCRIPTION	SPECIFICATION
	STREET LIGHT	REPLATE PUMP 05 04PS
	FLOOD LIGHT	REPLATE PUMP 05 04PS



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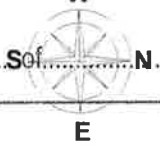
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Sheet No. 1 of 1



KKBR LIGHTING LAYOUT PLAN

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PROJECT: KURRI-KURRI BATTERY RECYCLING PROJECT		DESIGN BY:	LCC
CLIENT: PYMORE RECYCLERS INTERNATIONAL PTY. LTD.		DRAWN BY:	AAM
TITLE: KKBR LIGHTING LAYOUT		CHECKED BY:	LCC
DRAWING NO: KKBR-E-0001	REV. 0	APPROVED BY:	MW
NOTE: THIS DRAWING IS PROPERTY OF EVERGREEN ENVIRONMENTAL RESOURCES INC. AND MUST NOT BE REPRODUCED, COPIED, IN PART OR AS A WHOLE WITHOUT CONSENT.		DATE:	09.14.2016
		SCALE:1:650	SHT NO: 1/1



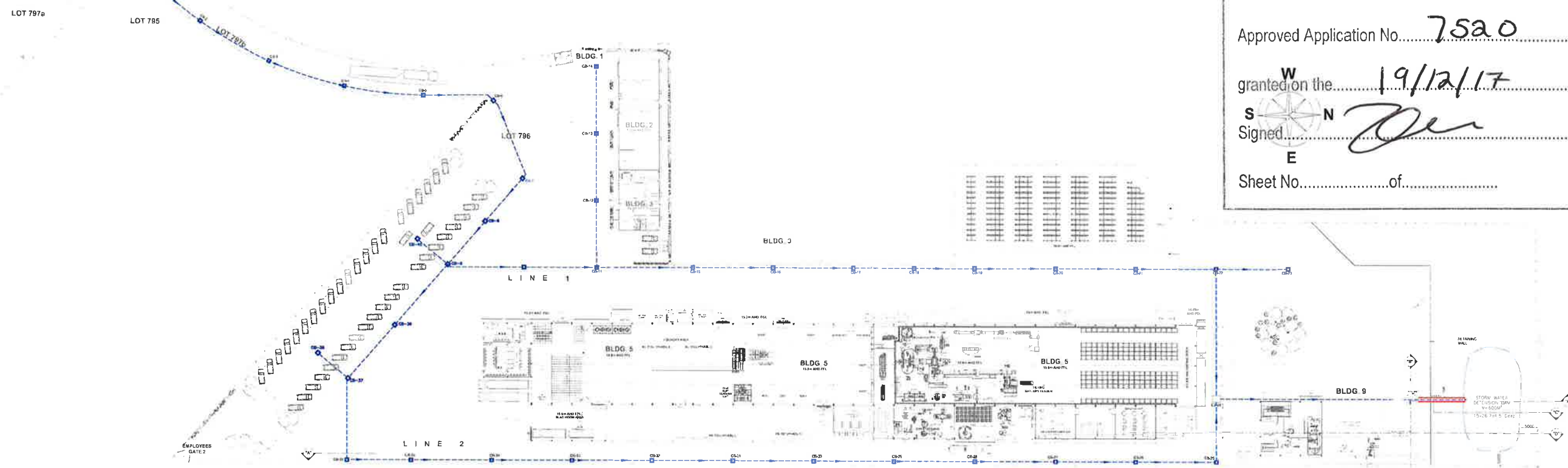
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No.....7520

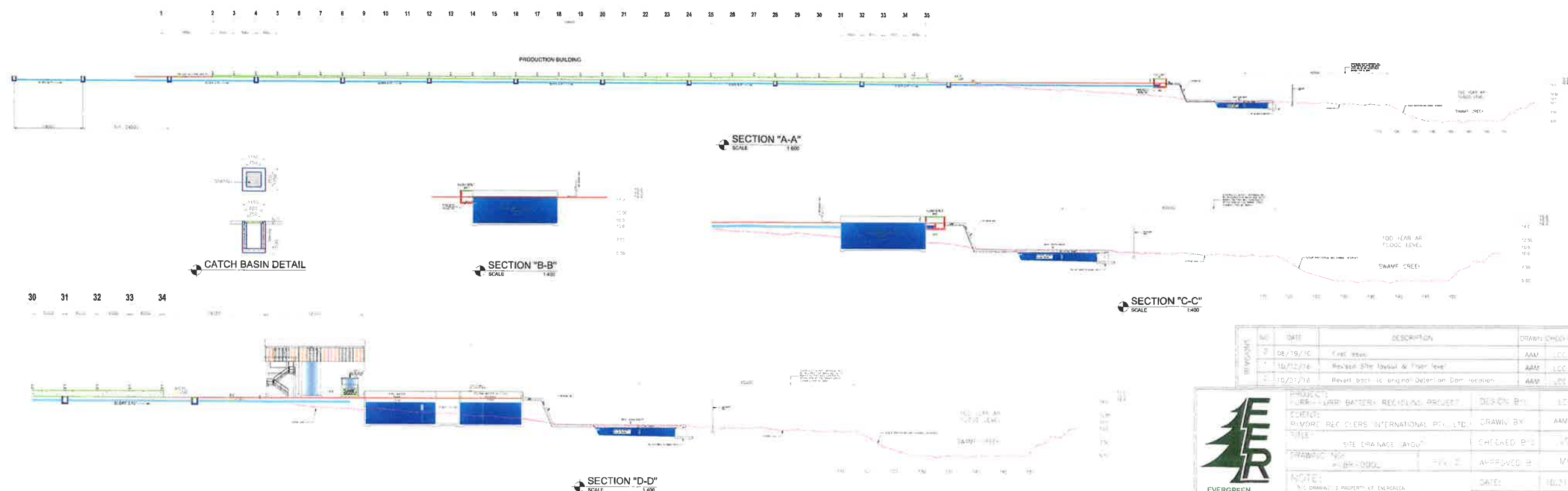
granted ^W on the 19/12/17

Signed 

Sheet No.....of.....



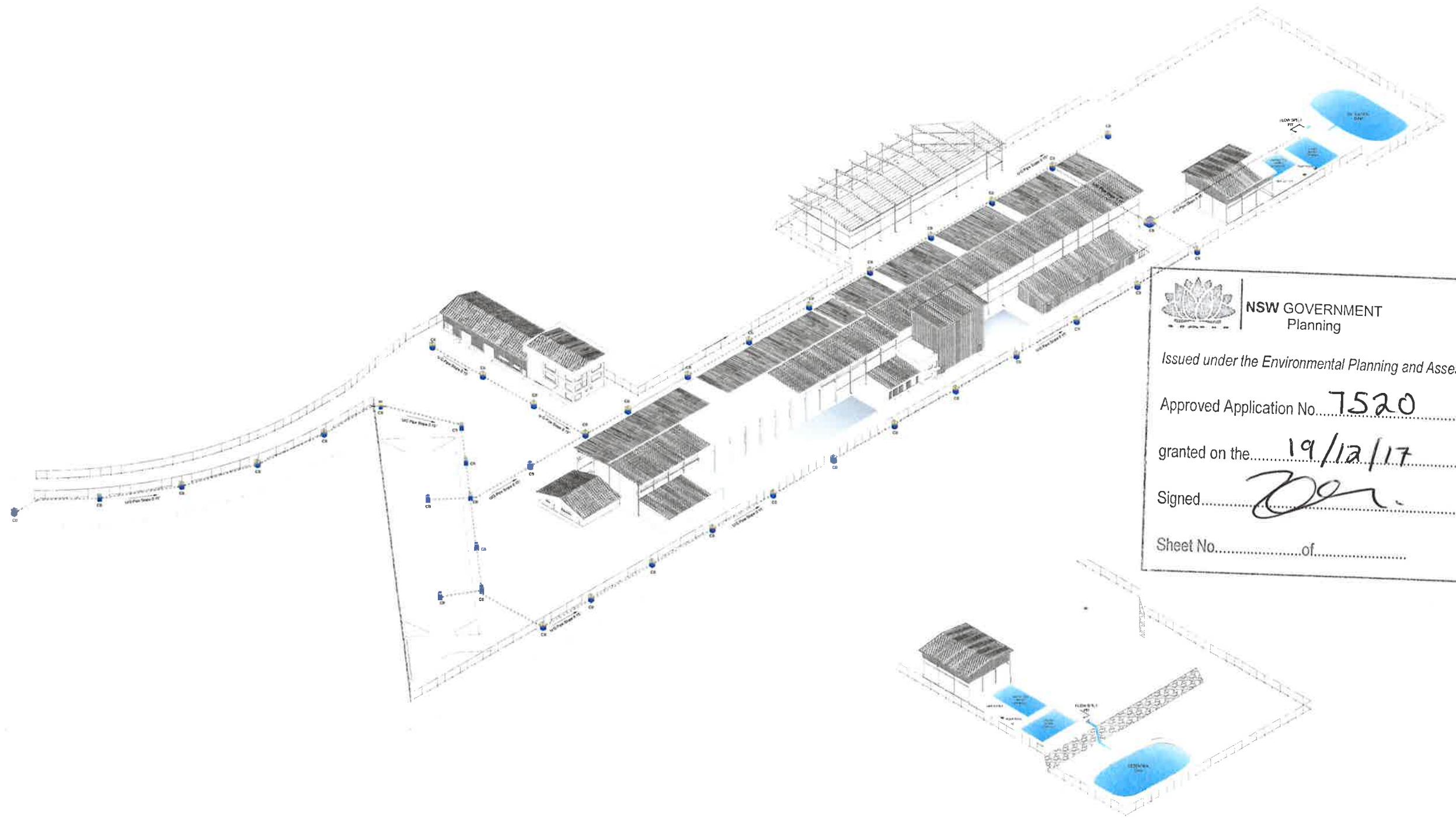
GENERAL SITE LAYOUT (Drainage)



DATE	DESCRIPTION	DRAWN BY	CHECKED BY
08/19/16	First Issue	AAM	LCC
10/12/16	Revised Site Layout & Final Note	AAM	LCC
10/21/16	Revert back to original Detention Dam location	AAM	LCC



PROJECT	NAME: LAMP ENTERPRISE REVENUE PROJECT	DRAWN BY:	LIC
CHECKED		DRAWN BY:	ARM/MC
P/VORE REC CLERS INTERNATIONAL PT., LTD.			
TITLE	SITE [PAGE NAME] LAYOUT	CHECKED BY:	JW
DATE	08-09-00	APPROVED BY:	MV
NOTE:	N. DRAWING IS PROPERTY OF EVERGLADE DEVELOPMENT A RESOURCE FOR THE STATE OF FLORIDA BE REPRODUCED, COPIED, IN PART OR IN WHOLE WITHOUT PERMISSION		
	SCALE: 1"=60'	DATE:	10/12/2004



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granted on the **19/12/17**

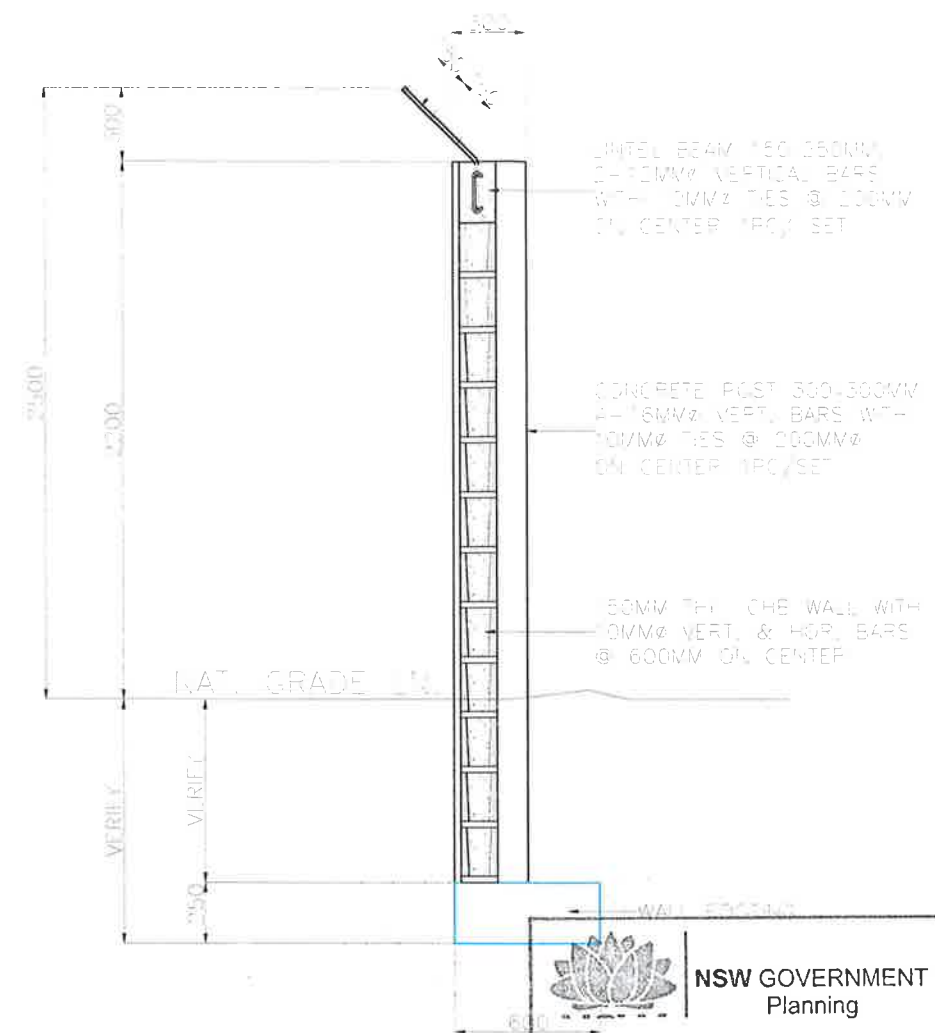
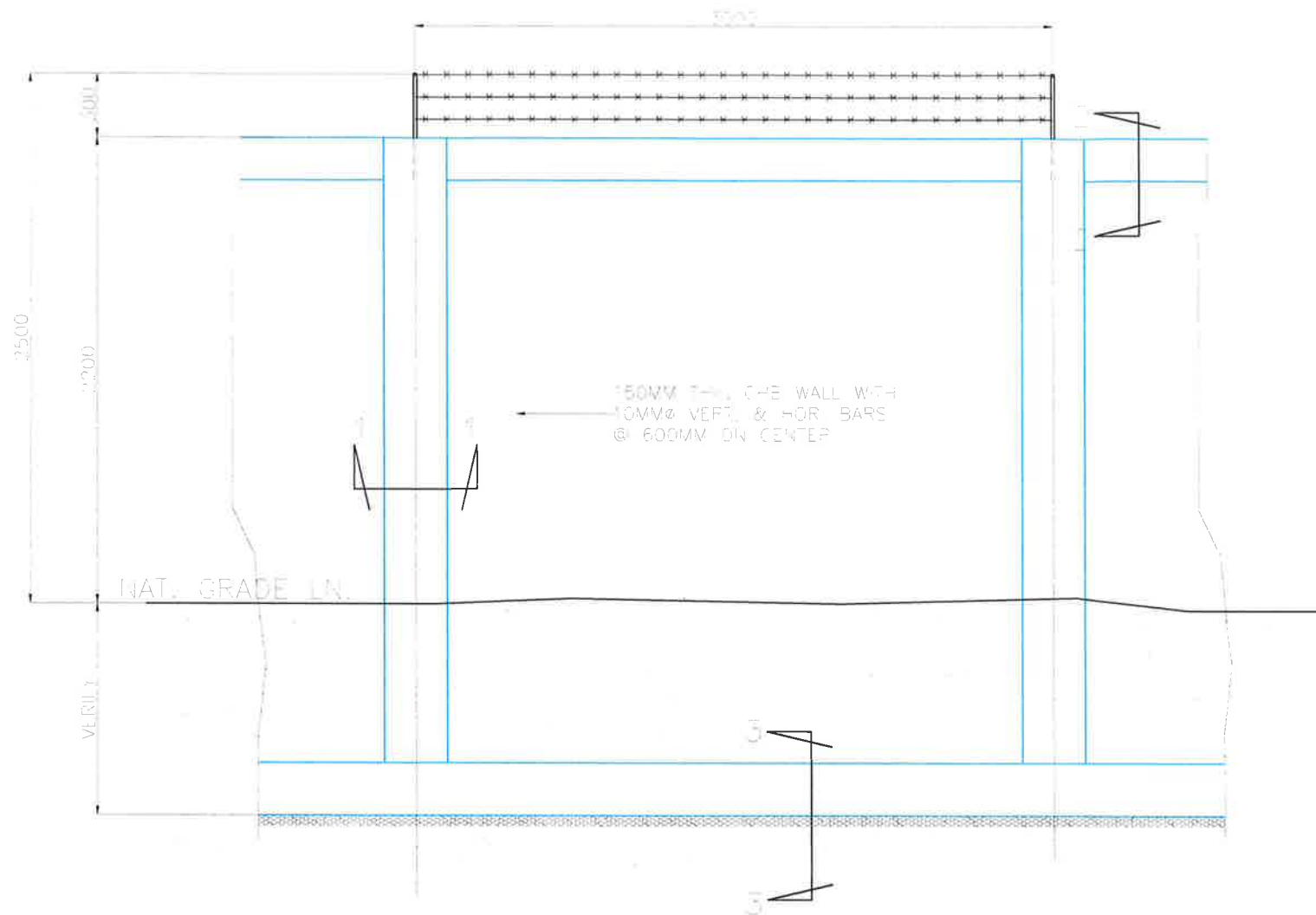
Signed

Sheet No. of

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REV	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
0	04/10/16	Final Issue	AAV	ACC	
1	10/12/16	Revised Site Layout & Pond Level	AAV	ACC	
2	10/12/16	Revert back to original External Connection	AAV	ACC	

PROJECT	JOB - LIRR BATTERY RECKLING PROJECT	DESIGN BY	ACC
CUSTOMER	ROYAL RECYCLING INTERNATIONAL PTY LTD	DRAWN BY	AAV/MC
TITLE	SITE DRAINAGE LAYOUT	CHECKED BY	ACC
DRAWING NO.	1000-0002	APPROVED BY	AAV
DATE	10/12/16	SCALE	AS SHOWN
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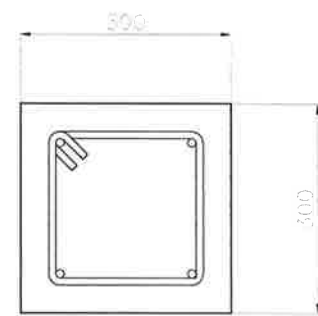
Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. 7520

granted on the 19/12/17

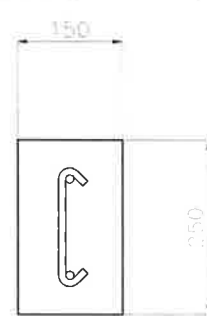
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Sheet No. of



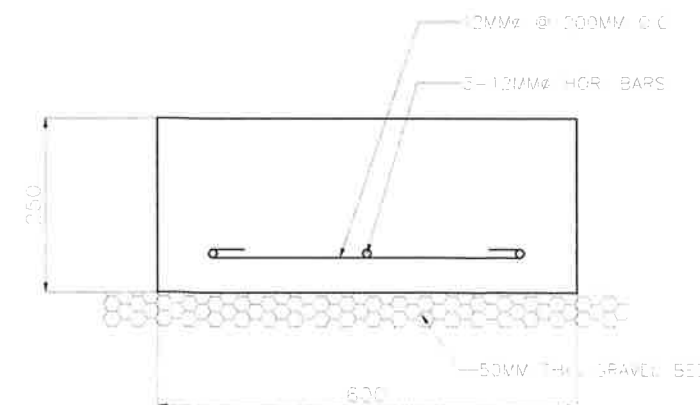
VERT. BARS: 4-16MM $\varnothing$
TIES: 10MM $\varnothing$ @ 200MM
O.C. 1PC/SET

SECTION 1-1



VERT. BARS: 3-12MM $\varnothing$
TIES: 10MM $\varnothing$ @ 200MM
O.C. 1PC/SET

SECTION 2-2



SECTION 3-3



PROJECT:	KURRI-KURRI BATTERY RECYCLING PROJECT	DESIGN BY:	LCC
CLIENT:	PYMORE RECYCLERS INTERNATIONAL PTY. LTD.	DRAWN BY:	MBN
TITLE:	PERIMETER FENCE DETAIL OPTION 2	CHECKED BY:	LCC
DRAWING NO:		APPROVED BY:	MBN
DATE:	OCT 24, 2016	SCALE:	1:15
SHT NO:	1/1		

ALL DIMENSION ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.

A B C D E F G H I J

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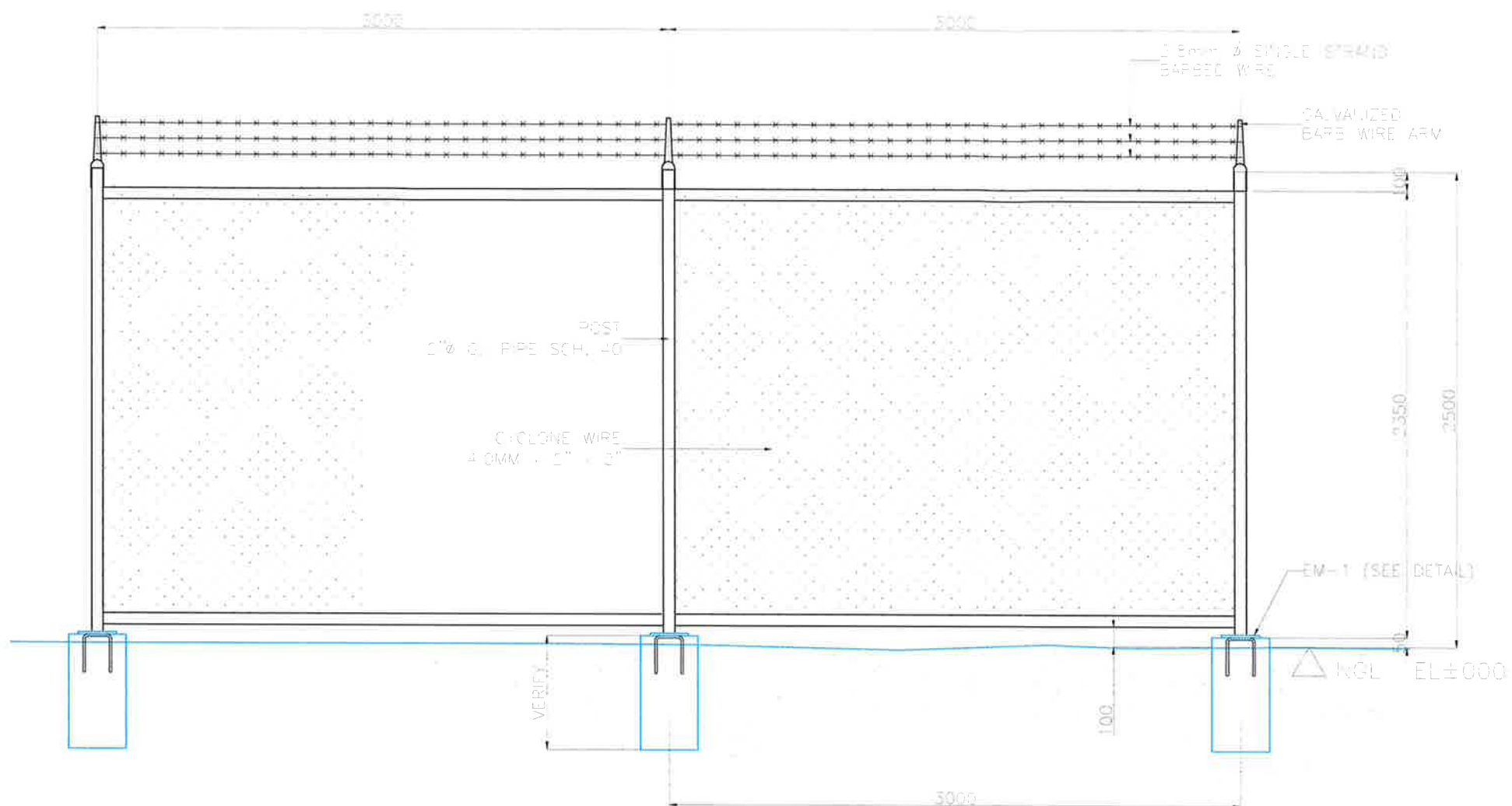
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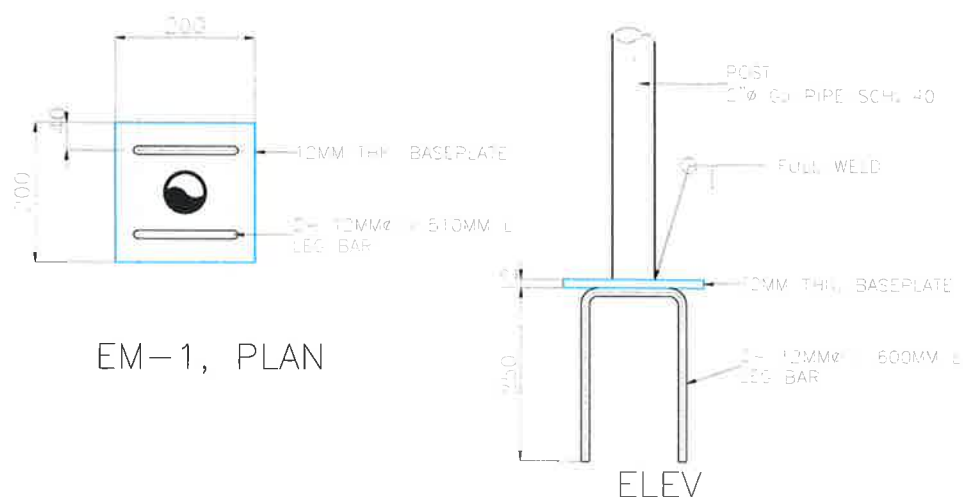
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FRONT VIEW

KURRI-KURRI PROJ. PERIMETER FENCE DETAIL

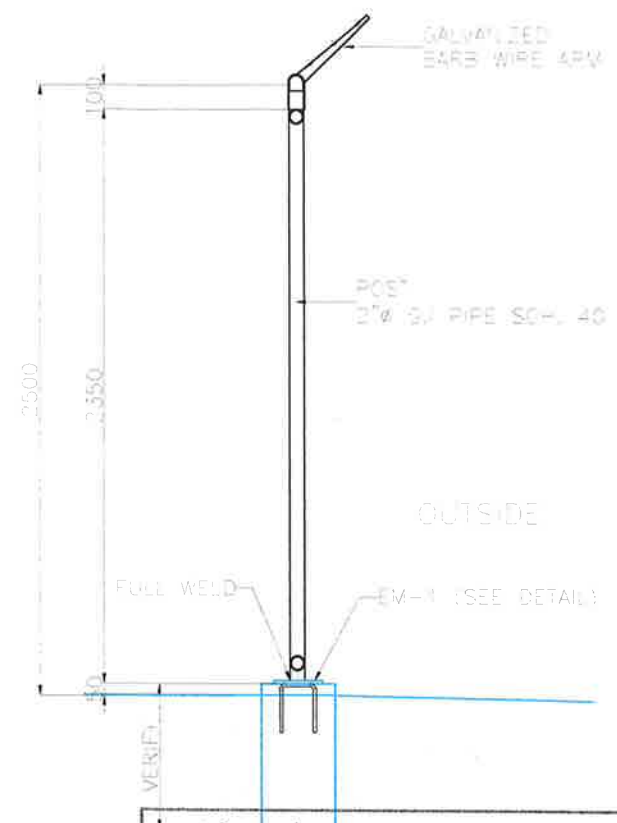


EM-1, PLAN

ELEV

EM-1, EMBEDDED METAL DETAIL

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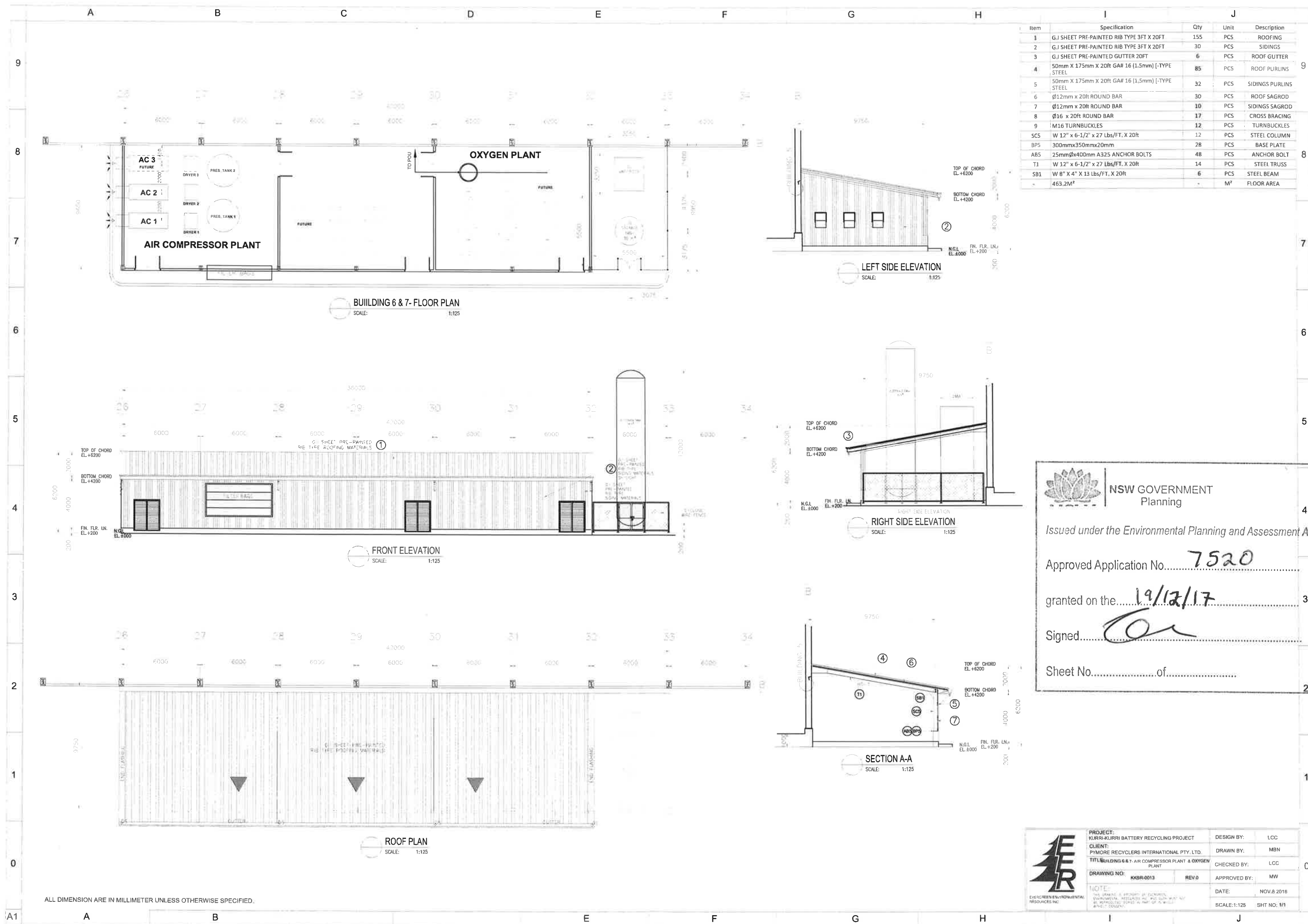
granted on the 19/12/17

Signed [Signature]

Sheet No. of



PROJECT:	KURRI-KURRI BATTERY RECYCLING PROJECT	DESIGN BY:	LCC
CLIENT:	PYMORE RECYCLERS INTERNATIONAL PTY. LTD.	DRAWN BY:	MBN
TITLE:	PERIMETER FENCE DETAIL	CHECKED BY:	LCC
DRAWING NO:		APPROVED BY:	MBN
DATE:	OCT 24, 2016	SCALE:	1:15
SHT NO:	1/1		



Item	Specification	Qty	Unit	Description
1	G.I SHEET PRE-PAINTED RIB TYPE 3FT X 20FT	155	PCS	ROOFING
2	G.I SHEET PRE-PAINTED RIB TYPE 3FT X 20FT	30	PCS	SIDINGS
3	G.I SHEET PRE-PAINTED GUTTER 20FT	6	PCS	ROOF GUTTER
4	50mm X 175mm X 20ft GA# 16 (1.5mm) [-TYPE STEEL	85	PCS	ROOF PURLINS
5	50mm X 175mm X 20ft GA# 16 (1.5mm) [-TYPE STEEL	32	PCS	SIDINGS PURLINS
6	Ø12mm x 20ft ROUND BAR	30	PCS	ROOF SAGROD
7	Ø12mm x 20ft ROUND BAR	10	PCS	SIDINGS SAGROD
8	Ø16 x 20ft ROUND BAR	17	PCS	CROSS BRACING
9	M16 TURNBUCKLES	12	PCS	TURNBUCKLES
SCS	W 12" x 6-1/2" x 27 Lbs/FT. X 20ft	12	PCS	STEEL COLUMN
BPS	300mmx350mmx20mm	28	PCS	BASE PLATE
ABS	25mmØx400mm A325 ANCHOR BOLTS	48	PCS	ANCHOR BOLT
TJ	W 12" x 6-1/2" x 27 Lbs/FT. X 20ft	14	PCS	STEEL TRUSS
SB1	W 8" X 4" X 13 Lbs/FT. X 20ft	6	PCS	STEEL BEAM
	463.2M²		M²	FLOOR AREA

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Approved Application No.....7520

granted on the.....19/12/17

Signed.....

Sheet No.....of.....

	PROJECT:	KURRI-KURRI BATTERY RECYCLING PROJECT	DESIGN BY:	LCC
	CLIENT:	PYMORE RECYCLERS INTERNATIONAL PTY. LTD.	DRAWN BY:	MBN
	TITLE:	BUILDING 6 & 7- AIR COMPRESSOR PLANT & OXYGEN PLANT	CHECKED BY:	LCC
	DRAWING NO:	KKBR-0013	REV:	0
	APPROVED BY:	MW		
EVERGREEN ENVIRONMENTAL RESOURCES INC.	NOTE:	THIS DRAWING IS PROPERTY OF EVERGREEN ENVIRONMENTAL RESOURCES INC. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF EVERGREEN ENVIRONMENTAL RESOURCES INC.		
	DATE:	NOV.8.2016		
	SCALE:	1:125	SHT NO:	1/1

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Sheet No. of

KKBR BUILDINGS BUILDING AREAS

Building	Area (m ²)	Volume (m ³)	Height (m)
BLDG. 1	1000	1000	10
BLDG. 2	1000	1000	10
BLDG. 3	1000	1000	10
BLDG. 4	1000	1000	10
BLDG. 5	1000	1000	10
BLDG. 6	1000	1000	10
BLDG. 7	1000	1000	10
BLDG. 8	1000	1000	10
BLDG. 9	1000	1000	10
BLDG. 10	1000	1000	10
BLDG. 11	1000	1000	10
BLDG. 12	1000	1000	10
BLDG. 13	1000	1000	10
BLDG. 14	1000	1000	10
BLDG. 15	1000	1000	10
BLDG. 16	1000	1000	10
BLDG. 17	1000	1000	10
BLDG. 18	1000	1000	10
BLDG. 19	1000	1000	10
BLDG. 20	1000	1000	10
BLDG. 21	1000	1000	10
BLDG. 22	1000	1000	10
BLDG. 23	1000	1000	10
BLDG. 24	1000	1000	10
BLDG. 25	1000	1000	10
BLDG. 26	1000	1000	10
BLDG. 27	1000	1000	10
BLDG. 28	1000	1000	10
BLDG. 29	1000	1000	10
BLDG. 30	1000	1000	10
BLDG. 31	1000	1000	10
BLDG. 32	1000	1000	10
BLDG. 33	1000	1000	10
BLDG. 34	1000	1000	10
BLDG. 35	1000	1000	10

PLANT BUILDING

1. The contractor shall verify the necessity of an air natural drafting system in order to maintain the inner temperature in accordance to the Australian safety and occupational rules. During the hot season the hourly heat generated in the plant in operation is the following:

-Furnace area	280000 Kca /h
-Slag demolition area	150000 Kca /h
-Refinery area	100000 Kca /h
-Crystallizer tower	100000 Kca /h

2. The building design shall include louvers capable to allow the following air intake:

-Battery breaker room	16000 Nm ³ /h
-Charge preparation room	25000 Nm ³ /h
-Furnace and refinery room	95000 Nm ³ /h
-Slag demolition room	12000 Nm ³ /h

3. The control room shall be equipped with the hvac system and the light shall have an intensity of 500 lux.

4. The drawing shows the main doors. Those access shall be of to kinds: the swinging type and the rolling type. The main doors shall have a glass window, spring return closing mechanism, and anti panic handle device. The drawing does not show any type of windows, however the window may be foreseen in according to the civil engineer design.

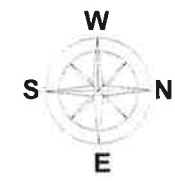
5. The building diffused lighting shall have an intensity of 250-300 lux. Emergency light are also required to maintain safe work conditions during the possible power black out. The emergency lighting intensity will be granted of 150 lux. The machinery equipments lighting and services (where it is required) will be part of detailed engineering.

6. Each column of the building shall be sized for an extra load equal to 2500 kg due to the support of the air duct. The electric cables and the equipment piping. This extra load will be max at 600mm from the column surface. The roof beam shall be sized for an extra load equal to 1500 kg (building centre line) due to the support of air duct.

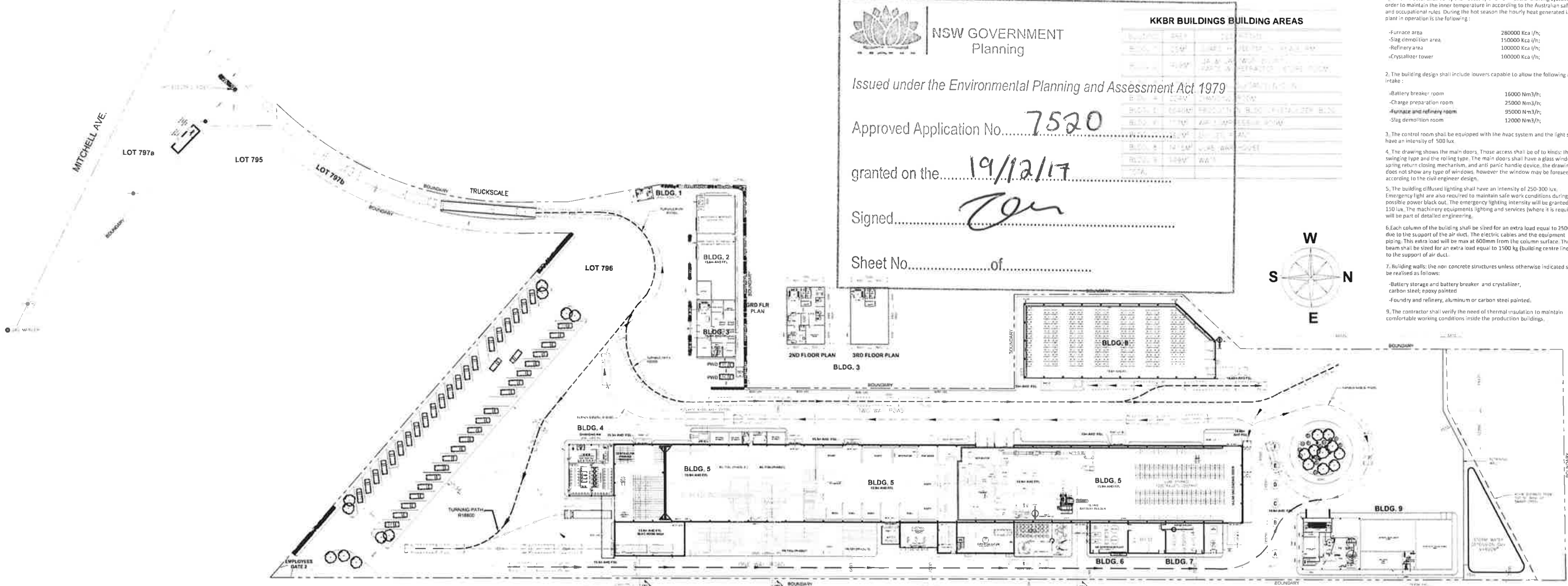
7. Building walls: the non concrete structures unless otherwise indicated shall be realised as follows:

- Battery storage and battery breaker and crystallizer, carbon steel; epoxy painted
- Foundry and refinery, aluminum or carbon steel painted.

9. The contractor shall verify the need of thermal insulation to maintain comfortable working conditions inside the production buildings.



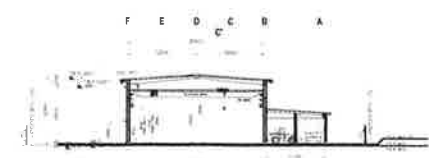
GENERAL SITE LAYOUT & MACHINE ARRANGEMENT



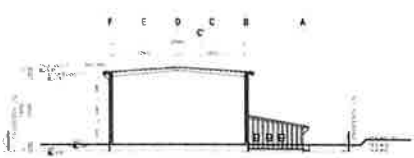
CROSS SECTION THRU 'C'-C'



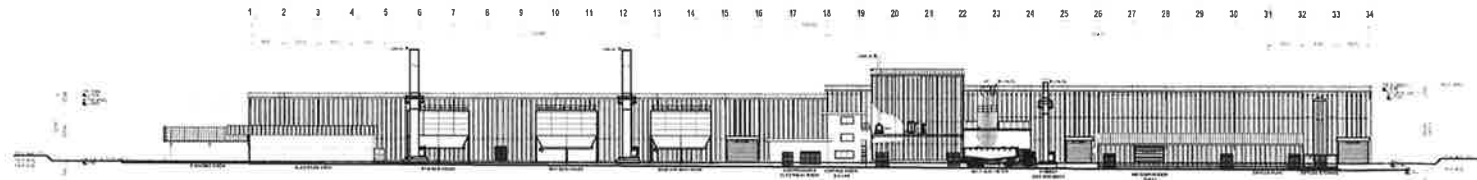
CROSS SECTION THRU 'A'-A'



CROSS SECTION THRU 'B'-B'



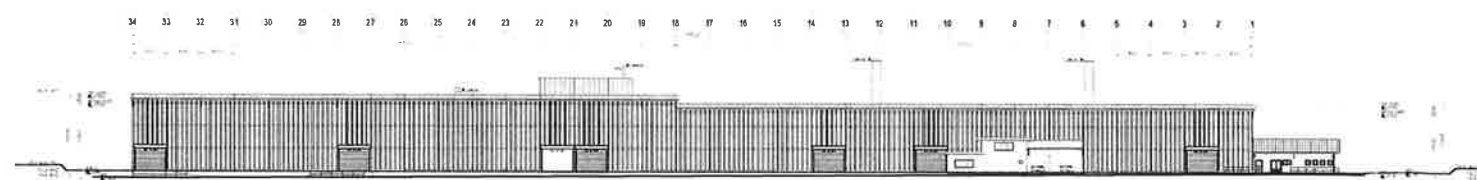
SECTIONAL ELEVATION @ GRID LINE A/ 1-34



SECTIONAL ELEVATION @ GRID LINE 34/ A-F



SECTIONAL ELEVATION @ GRID LINE F/ 34-1



NO.	DATE	DESCRIPTION	DRAWN	CHECK'D	APPRO'D
1	19/12/17	First Issue	AMV	LCC	
2	19/12/17	Change Bldg. 10 (slag break machine)	AMV	LCC	
3	19/12/17	1. Furnaces moved closer to the building 5 walls 2. Furnaces supports have been shifted on the external side of the building with open protection whether it is matched 3. Fire duct with slag beam added in a corner of the charge preparation room 4. Slag beam, slag beam and slag beam added in a corner of the charge preparation room	AMV	LCC	
4	19/12/17	1. Revised First Issue 2. Revised Slag Beam Support (slag beam) 3. Add Slag Beam 4. Add Slag Beam	AMV	LCC	

	DESIGN BY:	LCC
	DRAWN BY:	AMV
	CHECKED BY:	LCC
	APPROVED BY:	MW
	DATE:	19/12/17
	SHEET NO.:	1

ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED

A B C D E F G H I J

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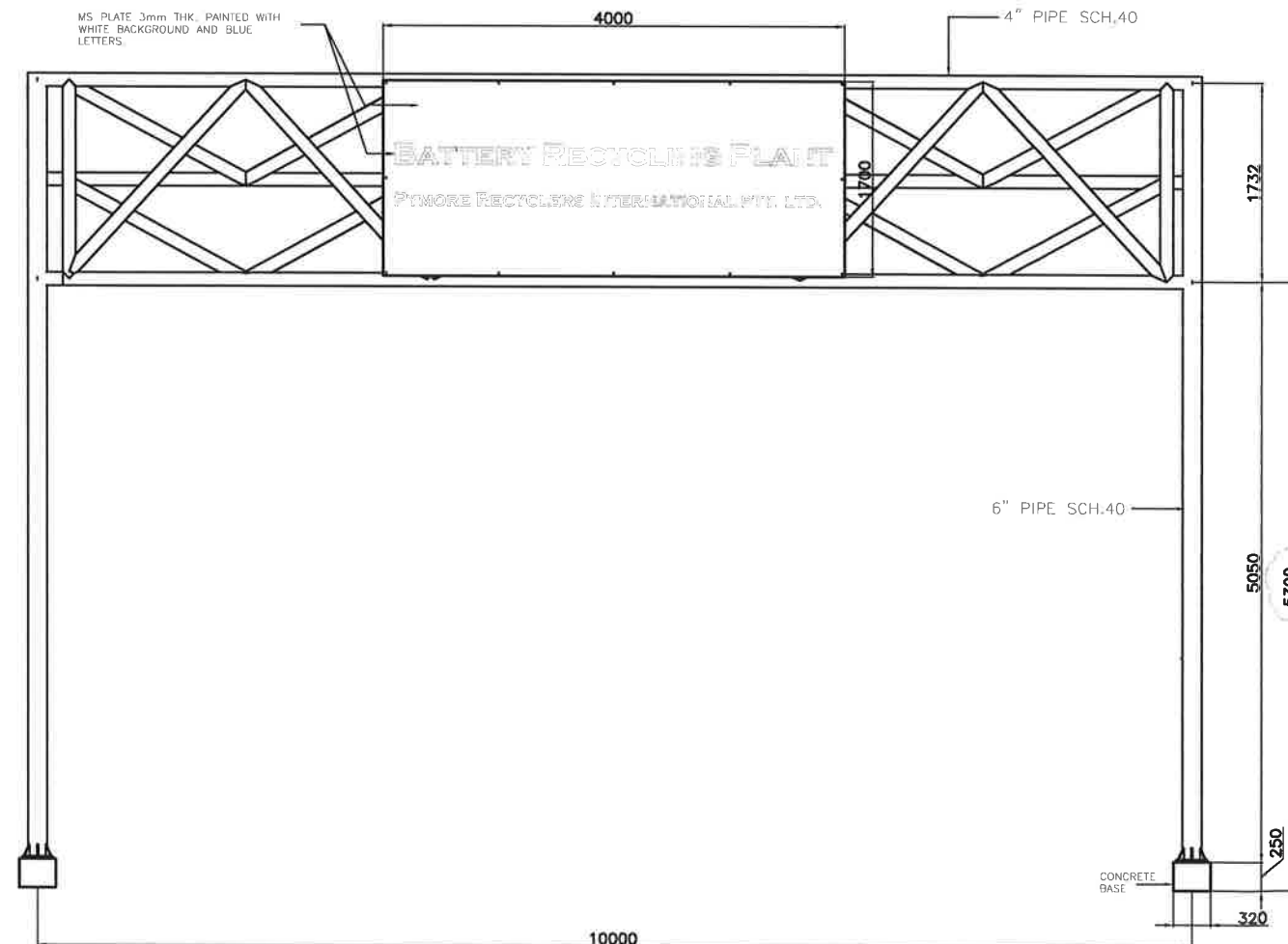
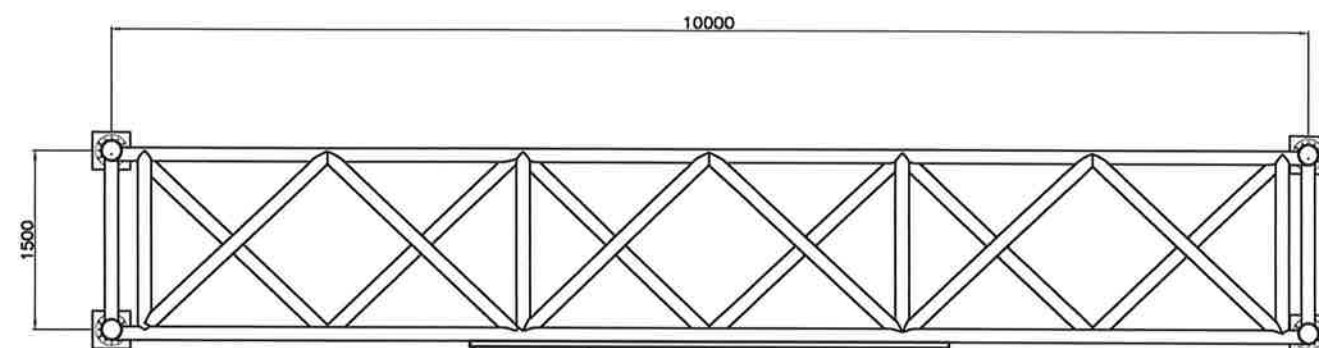
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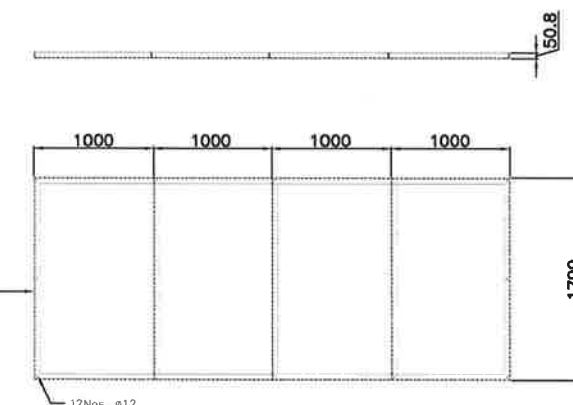
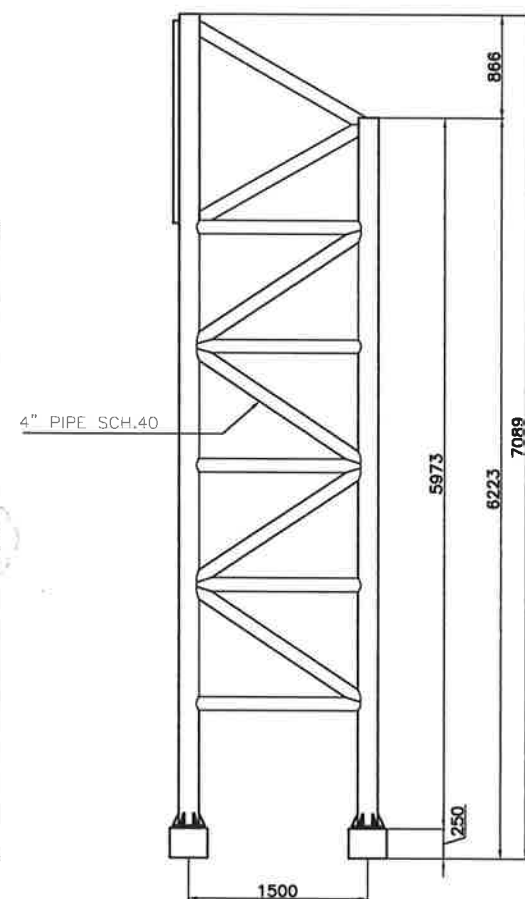
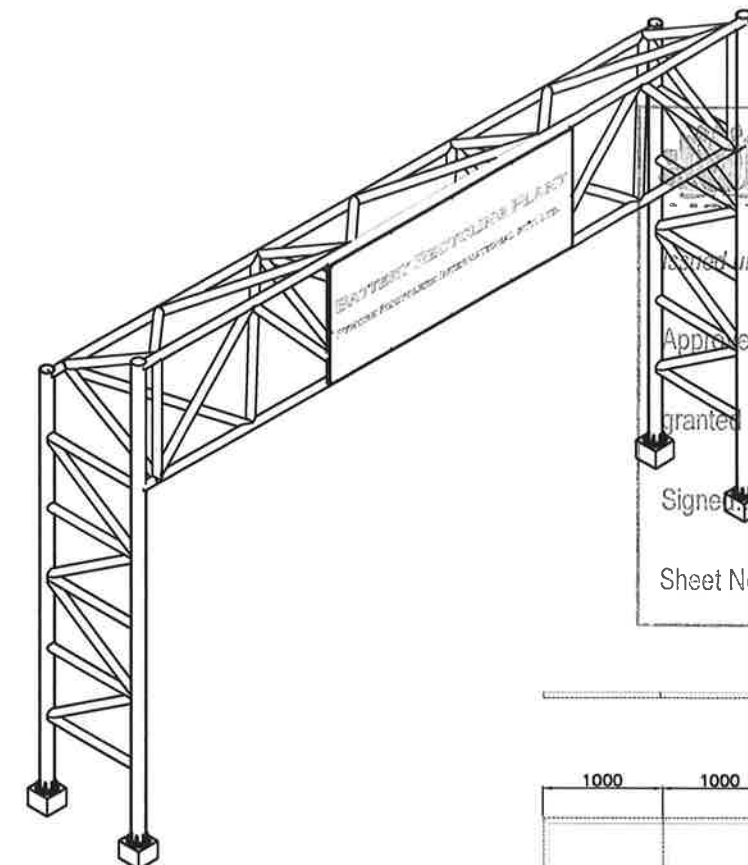
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A1



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SIGNAGE FRAME

NSW GOVERNMENT
Planning

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Approved Application No. 7520

granted on the 19/12/17

Signed [Signature]

Sheet No. of

NO	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
1	10/07/16	First Issue	AAM	LCC	
2	10/08/16	Increase height	AAM	LCC	

PROJECT: KURRI-KURRI BATTERY RECYCLING PROJECT
CLIENT: PYMORE RECYCLERS INTERNATIONAL PTY. LTD.
TITLE: SIGNAGE HEAVY VEHICLE ENTRANCE (1ST OPTION)
DRAWING NO: KKBR-0034
REV.1
DESIGN BY: LCC
DRAWN BY: AAM
CHECKED BY: LCC
APPROVED BY: MW
DATE: 10.26.2016
SHT NO: 1/1

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LOT 797a

LOT 795

LOT 797b

LOT 796

BLDG. 1

BLDG. 2

BLDG. 3

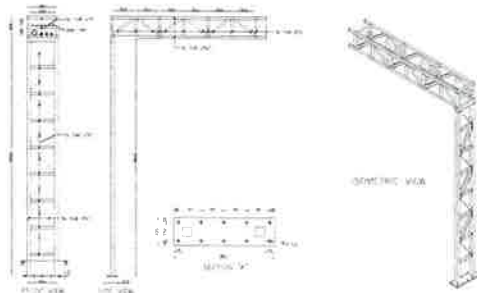
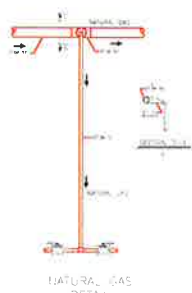
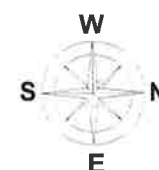
BLDG. 3

BLDG. 5

BLDG. 5

BLDG. 5

BLDG. 9



SCALE 1:75

NATURAL GAS PIPE LAYOUT PLAN

LEGEND:



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EVERGREEN
ENVIRONMENTAL
RESOURCES INC.

PROJECT:	CURRI-URE BATTERY RECYCLING PROJECT	DESIGN BY:	LEC	
CLIENT:	VOFRE RECYCLERS INTERNATIONAL PTY LTD	DRAWN BY:	AAM	
TITLE:	NATURAL GAS PIPE LINE	CHECKED BY:	JCC	
DRAWING NO.:	150-1006	REV. 3	APPROVED BY:	I/W
DATE:	19/12/17	DATE:	19/12/2016	
SCALE:	1:100	SCALE:	1:100	

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LOT 797a

LOT 795

LOT 797b

LOT 796

BLDG. 1

BLDG. 2

BLDG. 3

BLDG. 3

BLDG. 5

BLDG. 5

BLDG. 5

BLDG. 9

QUANTITY TAKE OFF

FRONT

SIDE

FIRE WATER PIPE DETAIL
SCALE 1:20

PIPE BRIDGE DETAIL
SCALE 1:20

DOMESTIC WATER LINE LAYOUT PLAN

ISOMETRIC

LEGEND:

- U/G FIRE HYDRANT PIPE
- U/G DOMESTIC WATER PIPE
- DOMESTIC WATER PIPE
- SPRINKLER

 EVERGREEN ENVIRONMENTAL RESOURCES INC.	PROJECT: HURRI-HURRI BATTERY RECYCLING PROJECT		DESIGN BY:	JCC
	CLIENT: FIMORE RECYCLERS INTERNATIONAL PTY LTD		DRAWN BY:	AAM
	TITLE: DOMESTIC WATER LINE		CHECKED BY:	JCC
	DRAWING NO. SP-6002	REV. 1	APPROVED BY:	MW
	NOTE: THIS DRAWING IS PROPERTY OF EVERGREEN ENVIRONMENTAL RESOURCES INC. AND SHALL NOT BE REPRODUCED, COPIED IN PART OR IN WHOLE WITHOUT CONSENT.		DATE:	12/21/2016
			SCALE: 650	SHEET NO. 1

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Signed [Signature]

Sheet No. of



LOT 797a

LOT 795

LOT 797b

LOT 796

BLDG. 1

BLDG. 2

BLDG. 3

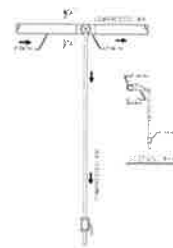
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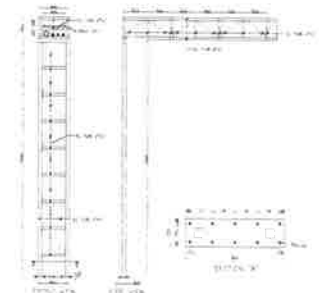
BLDG. 5

BLDG. 5

BLDG. 9



COMPRESSED AIR
DETAIL

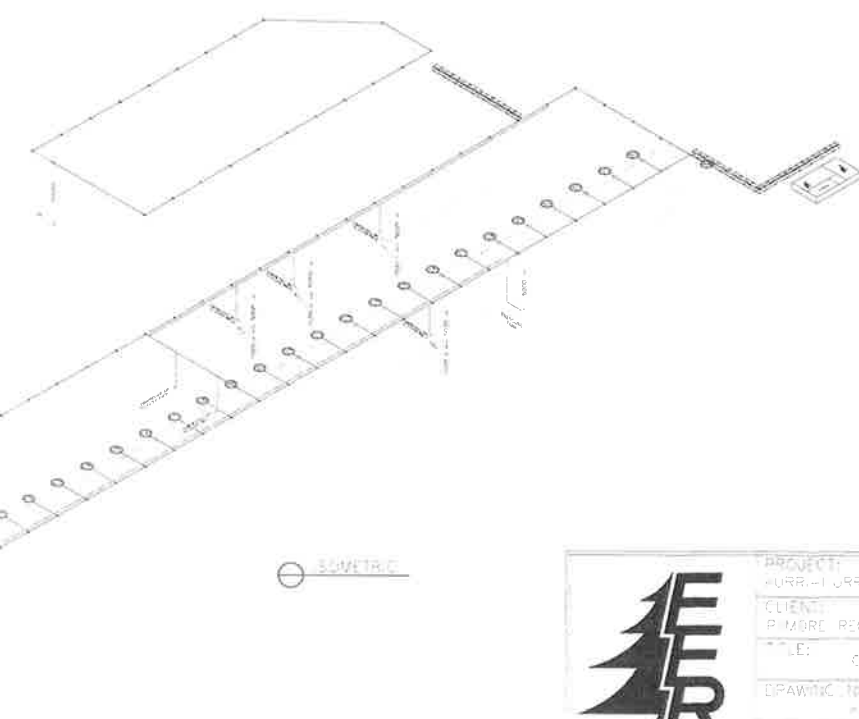


PIPE BRIDGE DETAIL



SYMETRIC VIEW

COMPRESSED AIR LAYOUT PLAN



SYMETRIC

LEGEND:

COMPRESSED AIR PIPE



PROJECT:	AURR-H JRR BATTERY RECYCLING PROJECT	DESIGN BY:	ECF
CLIENT:	PIMORE REC CLERS INTERNATIONAL PTY LTD	DRAWN BY:	AAV
TITLE:	COMPRESSED AIR PIPE LINE	CHECKED BY:	
DRAWING NO.:	BP-0005	REV.:	
DATE:	10/01/2018	APPROVED BY:	VW
SCALE:	N.T.S.	SHEET NO.:	1/1

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