



# Decision Report

## Application for licence

### Part V Division 3 of the *Environmental Protection Act 1986*

---

<b>Licence number</b>	L9241/2020/1
<b>Licence holder</b>	Waglass Pty Ltd
<b>DWER file number</b>	DWERVT5540~1
<b>Premises</b>	Waglass Container Deposit Scheme 25 Jackson Street BASSENDEAN WA 6054 Legal description – Lot 2 on Diagram 51806 Vol 1463 Folio 950
<b>Date of report</b>	27 August 2020

## Table of Contents

1.	Definitions .....	2
2.	Licence and amendment history .....	3
3.	Purpose and scope of assessment .....	4
4.	Application details .....	4
5.	Overview of premises .....	4
5.1	Legislative context and other approvals .....	1
6.	Emission sources, receptors and pathways .....	1
6.1	Emissions .....	1
6.2	Location and Siting .....	1
6.3	Applicant controls .....	3
7.	Risk assessment .....	4
7.1	Risk assessment – operation .....	6
8.	Consultation .....	8
9.	Conclusion .....	9

# 1. Definitions

Key terms relevant to this decision report and their associated definitions are listed in Table 1.

**Table 1: Definitions**

Term	Definition
AACR	Annual Audit Compliance Report
AER	Annual Environment Report
Category/ Categories/ Cat.	categories of prescribed premises as set out in Schedule 1 of the EP Regulations
CEO	means Chief Executive Officer. CEO for the purposes of notification means:  Director General Department Administering the <i>Environmental Protection Act 1986</i>  Locked Bag 10 JOONDALUP DC WA 6919 Telephone: (08) 6367 7000 Facsimile: (08) 6367 7001 Email: <a href="mailto:info@dwer.wa.gov.au">info@dwer.wa.gov.au</a>
Decision Report	refers to this document
Delegated Officer	an officer under section 20 of the EP Act
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V, Division 3 of the EP Act.
DWER	Department of Water and Environmental Regulation
EP Act	<i>Environmental Protection Act 1986</i> (WA)
EP Regulations	<i>Environmental Protection Regulations 1987</i> (WA)
Existing Licence	The licence issued under Part V, Division 3 of the EP Act and in force prior to the commencement of and during this Review
Licence Holder	Waglass Pty Ltd
Minister	the Minister responsible for the EP Act and associated regulations
Noise Regulations	<i>Environmental Protection (Noise) Regulations 1997</i> (WA)
Prescribed Premises	has the same meaning given to that term under the EP Act.
Premises	refers to the premises to which this Decision Report applies, as

Term	Definition
	specified at the front of this Decision Report.
Revised Licence	the amended licence issued under Part V, Division 3 of the EP Act, with changes that correspond to the assessment outlined in this Decision Report.
Risk Event	as described in <i>Guidance Statement: Risk Assessment</i>
VSI crusher	Vertical Shaft Impact crusher

## 2. Licence and amendment history

Table 2 provides the amendment history for L9241/2020/1.

**Table 2: Licence amendments**

Instrument	Issued	Amendment
L9241/2020/1	27/08/2020	Licence granted

### 3. Purpose and scope of assessment

On 19 March 2020, Peter Harkins, on behalf of Waglass Pty Ltd (the Applicant) submitted an application to the Department of Water and Environmental Regulation (DWER) for a Works Approval for a Container Deposit Scheme (CDS) processing facility. Further discussions with the Applicant lead to DWER converting the application to a new licence application to operate a CDS as the majority of the infrastructure was already in place. The application is for a prescribed premises for the following category:

#### 1. Category 61A – Solid waste facility

The scope of the application relates to the operation of a glass processing facility including colour sorting plant including conveyors, three Mogensen Colour Sorters, a number of vibratory feeders and screens, Eddy Current Separator, several magnets, four less aggressive crushers, several trommels, and two VSI's. The premises has two dust extractors and two compressors, along with two gas powered barrel dryers. Numerous moving plant is on site including several forklifts with a 30T unit for container handling. The scope of this licence application includes the construction and installation of some infrastructure including the extension to Shed 1, the proposed bunker, the installation of the weighbridge and the installation of processing infrastructure.

### 4. Application details

Table 3 lists the documents submitted during the assessment process.

**Table 3: Application documents**

Document description	Document source	Date received
Application Form (Works Approval – DWER treating it as a licence application) signed by a Director of Waglass Pty Ltd and attached supporting documentation including: <ul style="list-style-type: none"><li>Attachment 1A – Proof of Occupier Status – Lease_ of 25 Jackson Street.pdf</li><li>Attachment 2 – Premises Map Jackson Street General Layout</li></ul>	Works Approval Application – being treated as a licence application as all infrastructure is onsite already.	19 March 2019
Response to Request for Information letter issued 26 March 2020, including: <ul style="list-style-type: none"><li>DWER Licence Application questions 27 March 2020</li><li>9170_FIG06A_20200327_Bassendean (GPS markers) –A4 P.pdf</li></ul>	Request for Further Information	27 March 2020
Submission of Stormwater Management Plan as approved by the LGA <ul style="list-style-type: none"><li>20171 – Approved SMP Waglass</li></ul>	Response to telephone conversation on 21 July 2020	13 August 2020

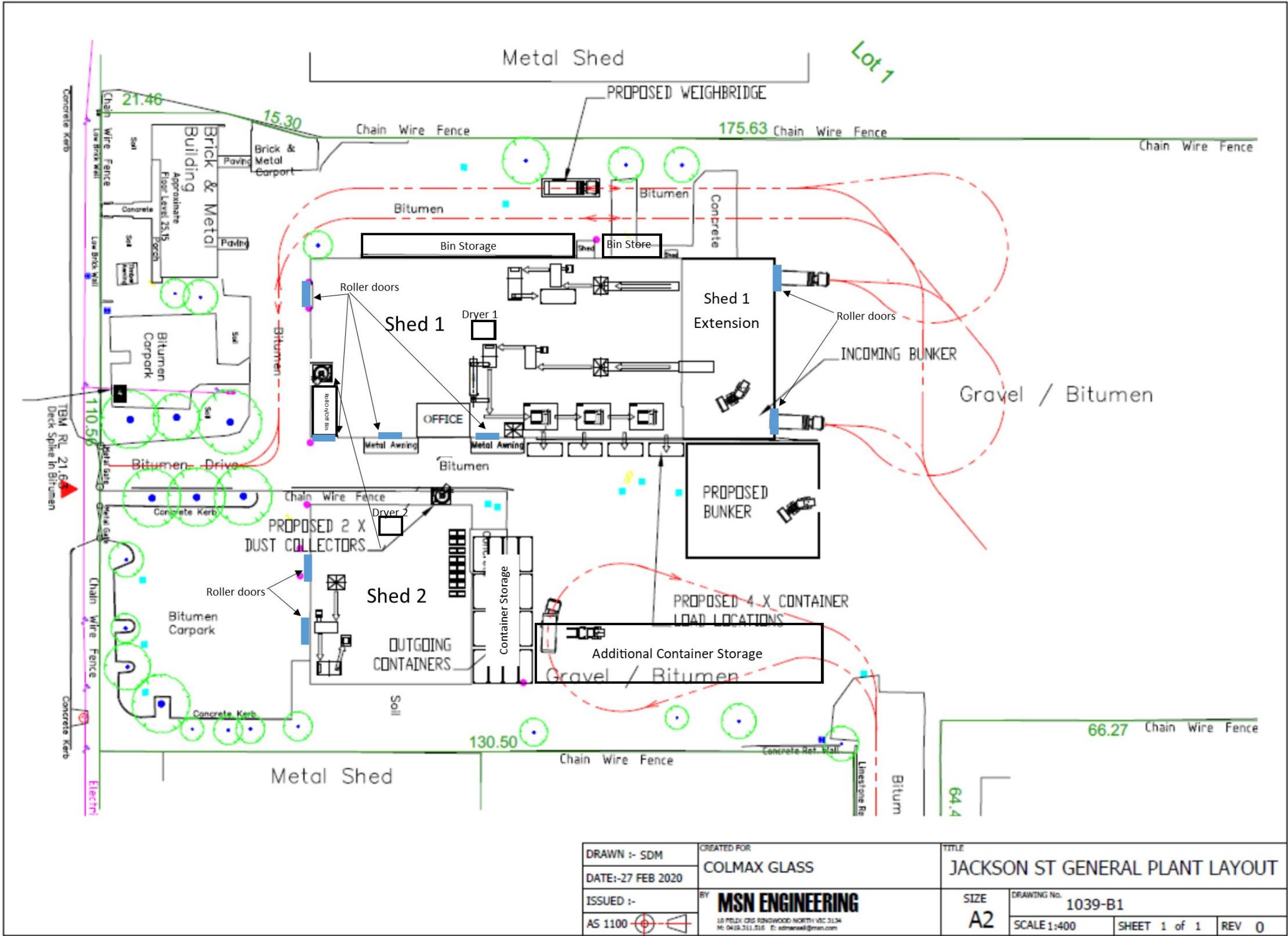
### 5. Overview of premises

The Waglass premises will be a Container Deposit Scheme (CDS) processing facility. The premises will be limited to the acceptance of bottle glass from the CDS collection and aggregate points, as well as a smaller quantity of Plate glass (estimated approximately 600 tonnes per month). The glass is tipped in the incoming bunker within the enclosed Shed 1 where it is then transferred into a hopper and begins the crushing process. Glass is crushed to 50mm minus material which is then sorted according to colour and deposited into the relevant shipping container. These full containers are moved to the outgoing container area at the rear of Shed 2 prior to removal offsite. The applicant estimates approximately 5-6 outgoing shipping containers will be removed offsite each day. The premises consists of two enclosed sheds, an external concrete bunker area, and sealed bitumen driveways and carpark. No balers, shredders or disc screens will be used onsite. The external concrete bunker will be used as a contingency storage of processed glass should there be a breakdown or transportation delays with the ability to store up to 2 weeks' worth of processed glass. This concrete bunker will be enclosed on 3 sides with walls 4m high, and open from the top. Table 4 below indicates the Category and assessed design capacity of the premises. Figure 1 below indicates the layout of the site and Appendix 2 includes detailed drawings of the site.

**Table 4: Classification of premises and assessed design capacity**

Category	Description	Assessed production or design capacity or throughput
Category 61A	Solid waste facility: premises (other than premises within category 67A) on which solid waste produced on other premises is stored, reprocessed, treated, or discharged onto land.	72,000 tonnes per annual period

Figure 1: Site Layout Plan





## 5.1 Legislative context and other approvals

The overarching legislative framework of this assessment is the EP Act and EP Regulations. The guidance statements which inform this assessment are:

1. *Guidance Statement: Regulatory Principles (July 2015);*
2. *Guidance Statement: Setting Conditions (October 2015);*
3. *Guidance Statement: Licence Duration (August 2016);*
4. *Guidance Statement: Environmental Siting (November 2016);*
5. *Guidance Statement: Risk Assessment (February 2017);* and
6. *Guidance Statement: Decision Making (February 2019).*

DWER understands that Planning Approval is still being assessed by the LGA. This licence does not exempt the applicant from the requirement to obtain Planning Approval prior to operation.

## 6. Emission sources, receptors and pathways

### 6.1 Emissions

The potential for emissions to impact on sensitive receptors has been assessed in accordance with the Department's Risk Framework. The key emissions which have been considered in this report are noise, dust/particulates, windblown waste, contaminated stormwater and leachate from crushing, sorting and storage activities and from vehicle movements.

The Applicant has proposed measures to assist in controlling these emissions, where necessary. The control measures are outlined in Section 6.3 below and have been considered when undertaking the risk assessment detailed in Section 7.

### 6.2 Location and Siting

#### 6.2.1 Siting context

The premises is located at 25 (Lot 2) Jackson Street, Bassendean in the Bassendean industrial area within the Town of Bassendean. The industrial area is located in close proximity to Collier Road (approximately 100m to the north of the site) and Tonkin Highway (approximately 415m to the east of the site). The site and surrounding area is currently zoned as General Industry.

The site is made up of large areas of bitumen and hardstand, with little to no vegetation remaining. There are small areas of low-lying vegetation and grass along the street frontage and along the perimeter of the site with a small number of trees present on the north-western and south-eastern fence lines. Both Jackson Street and Alice Street are on the oversized Restricted Access Vehicle (RAV) network, as defined by Main Roads Western Australia.

#### 6.2.2 Residential and sensitive receptors

The distances to residential and sensitive receptors are detailed in Table 6 and Figure 2.

**Table 6: Receptors and distance from activity boundary**

Sensitive Land Uses	Distance from Prescribed Activity
Residential area	The closest residential area is a high density area located approximately 550m away to the north of the premises in the neighbouring suburb of Bayswater.



Industrial premises:	There six industrial receptors located in the immediate vicinity of the premises, activities undertaken include provision of specialist equipment to the resources sector; metal fabrication and manufacturing; conveyor systems and solutions; and warehousing/storage
----------------------	---

### 6.2.3 Specified ecosystems

Specified ecosystems are areas of high conservation value and special significance that may be impacted as a result of activities at or Emissions and Discharges from the premises. The distances to specified ecosystems are shown in Table 7 and Figure 3. Table 7 also identifies the distances to other relevant ecosystem values which do not fit the definition of a specified ecosystem.

The table has also been modified to align with the *Guidance Statement: Environmental Siting*.

**Table 7: Environmental values**

Specified ecosystems	Distance from the premises
UFI 8433 – Multiple Use Wetland	Approximately 250m to the north of the premises boundary
UFI 15700 – Multiple Use Wetland	Approximately 390m to the south-south- west of the premises boundary
Swan River Wetlands	Approximately 1.5km to the south-east of the premises boundary
Ashfield flats (Bush Forever site)	Approximately 1.5km to the south-east of the premises boundary



Figure 2: Distance to residential areas

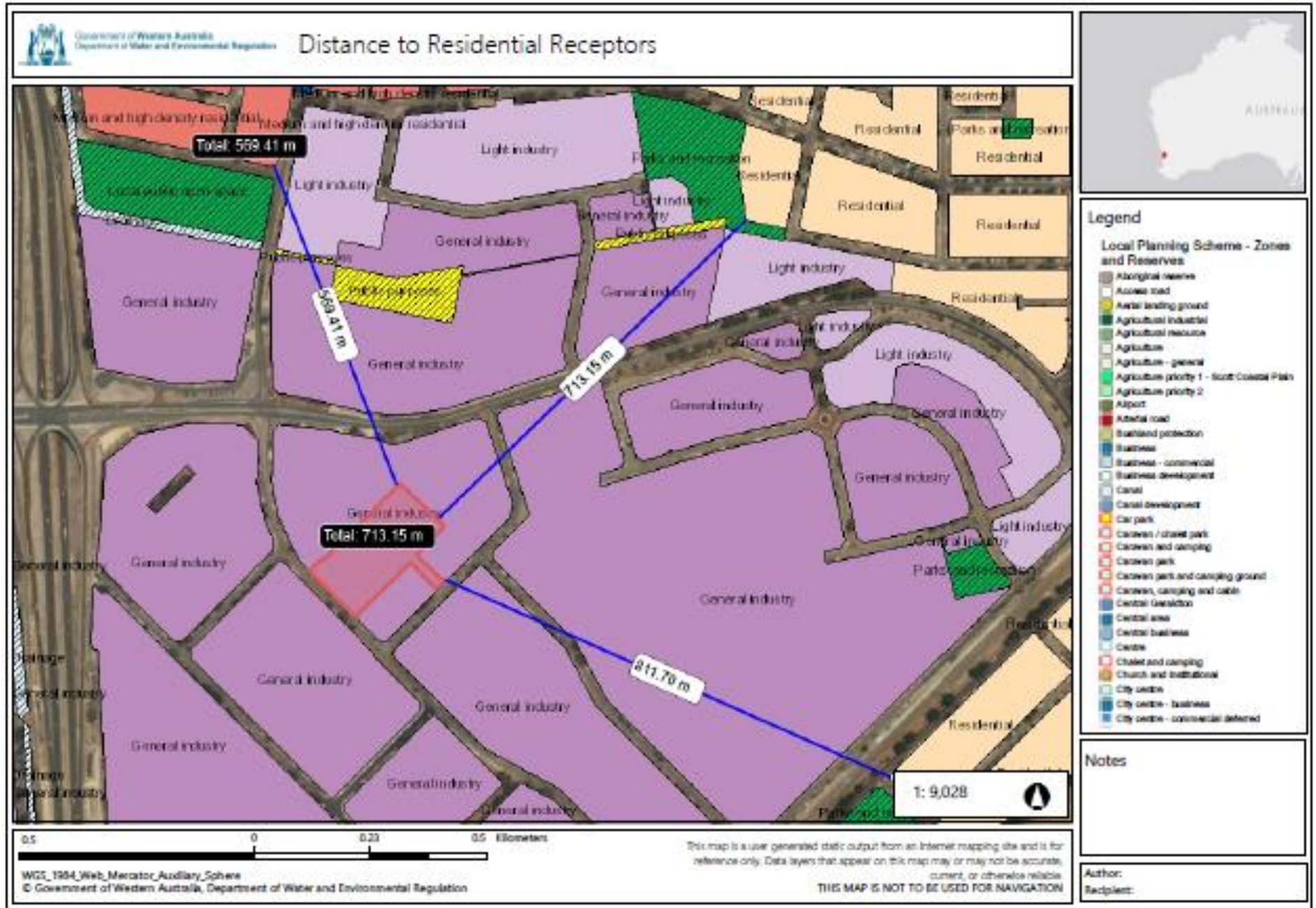
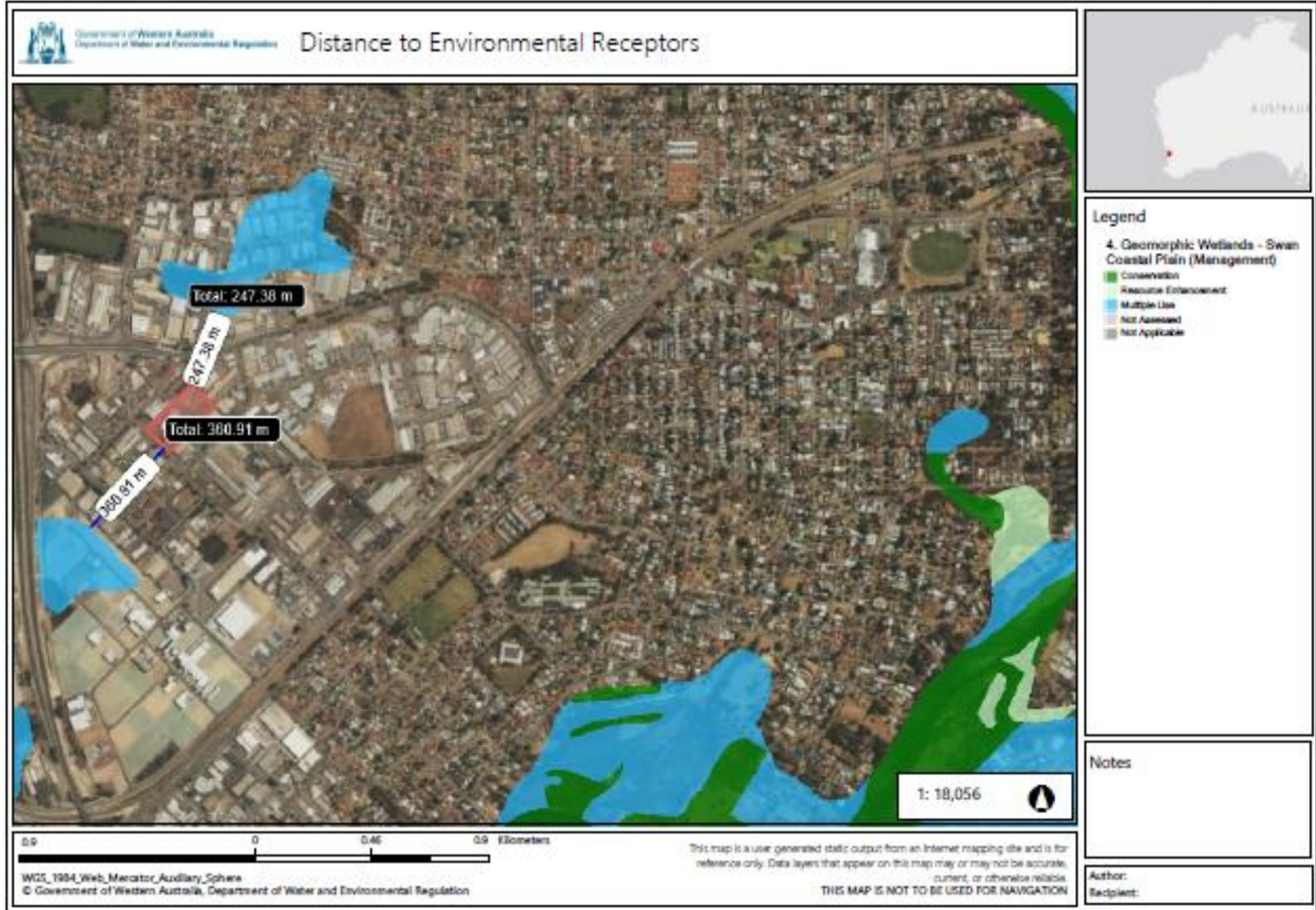


Figure 3: Environmental values





#### 6.2.4 Groundwater and water sources

The distances to groundwater and water sources are shown in Table 8.

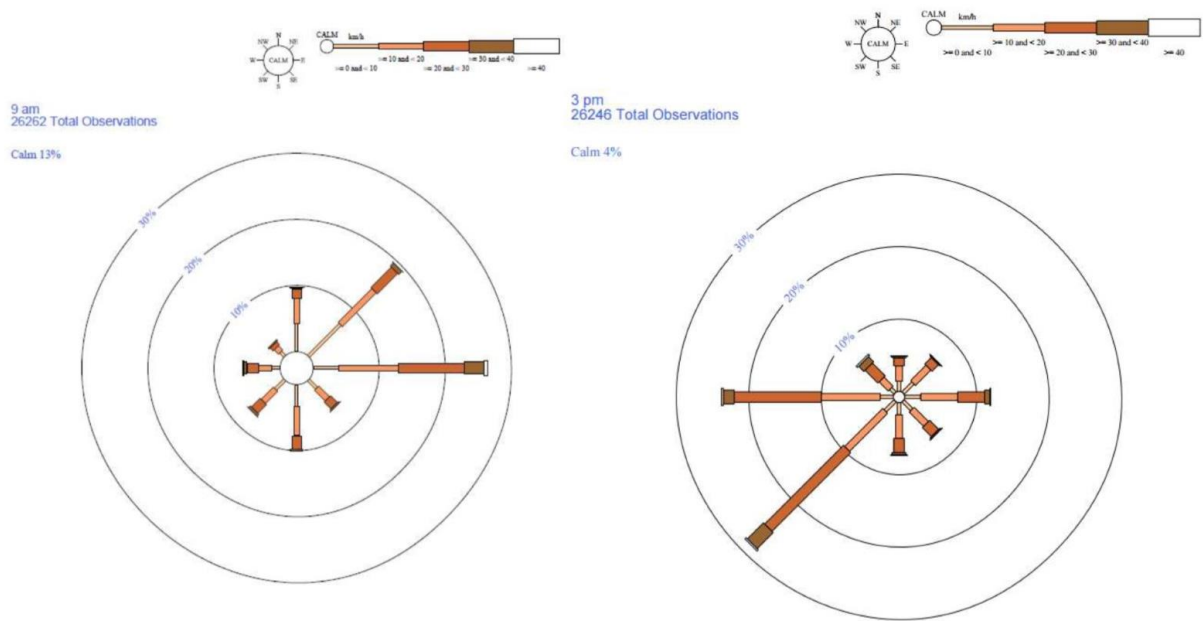
**Table 8: Groundwater and water sources**

Groundwater and water source	Distance from premises	Environmental value
Public drinking water source areas (PDWSA)	Priority 3 “Gnangara Underground Water Pollution Control Area” is situated 5.8km to the north-west of the premises boundary.	The site is located outside of any PDWSAs. PDWSAs are managed and protected to ensure the availability of good quality drinking water.
Major watercourses/waterbodies	A wetland located approximately 390m to the south-south-west of the site, and a wetland located approximately 250m to the north of the premises boundary.	A multiple use wetlands are quite degraded and may be weed infested due to their existing use or lack of management therefore the level of protection required is very low.
Groundwater	Depth to groundwater is approximately 10-15m below ground.  No bores located within 1km of Premises (based on available GIS dataset –WIN Groundwater Sites).	The site is located within the proclaimed ( <i>under the Rights in Water and Irrigation Act 1914</i> ) Perth Groundwater area. A licence will be required from the Department of Water and Environmental Regulation in order to access groundwater on the premises. The applicant does not plan to apply for a licence to utilise groundwater at the premises.

#### 6.2.5 Wind direction and strength

The closest available wind data for the area can be sourced from the Perth airport. The Bureau of Meteorology (BoM) provides the 9 am and 3 pm wind speed and direction for the Perth airport weather station, see figure 4 below.

**Figure 4: Perth Airport 9 am average wind speed and direction showing bias to easterly winds and 3 pm average wind speed and direction showing bias to westerly and south to south-westerly winds**



It is important to note that these wind roses show historical wind speed and wind direction data for Perth airport weather station and should not be used to predict future data.

### 6.3 Applicant controls

The Applicant's proposed management controls as part of the application are presented in Table 9 below:

**Table 9: Summary of emissions and applicant controls**

Source	Emission (as identified above)	Proposed controls
Crushing and delivery of material, vehicle movements, and lift-off from stored product	Dust	<ol style="list-style-type: none"> <li>Two dust extractors, one enclosed within shed and one external to the shed.</li> <li>Regular maintenance and visual checks of the baghouse exhaust;</li> <li>Regular cleaning and misting of machinery and vehicles as required.</li> <li>4m high walls around the external bunker</li> <li>External bunker only to be used in case of a breakdown or transport disruptions</li> </ol>
Crushing and delivery of material, vehicle movements, and dust extracting.	Noise	<ol style="list-style-type: none"> <li>Silencers on dust extractors;</li> <li>Three stage tipping for bins and control bin apertures.</li> <li>External bunker to receive crushed glass only - 50mm maximum size – which has significantly lower tipping noise than unprocessed glass</li> </ol>
Waste acceptance and processing	Windblown waste	<ol style="list-style-type: none"> <li>Chain link fence</li> <li>Most activities to occur within enclosed shed</li> </ol>
Waste acceptance, processing and vehicle usage	Contaminated stormwater	<ol style="list-style-type: none"> <li>Sealed surfaces</li> <li>Sealable shipping containers</li> </ol>
Waste acceptance, processing and vehicle usage	Fire	<ol style="list-style-type: none"> <li>No hazardous chemicals accepted or used onsite;</li> <li>No shredders, balers or disk screens</li> <li>Receipt, processing and storage of inert and non-combustible wastes only (glass)</li> </ol>

## 7. Risk assessment

The identification of the sources, pathways and receptors to determine Risk Events are set out in Table 10 below, consistent with the *Guidance Statement: Risk Assessments*. Risk ratings

have been assessed for each key emission source and take into account potential source-pathway-receptor linkages. The mitigation measures / controls proposed by the Applicant have been considered in determining the risk rating. Emissions during construction and operation have been assessed separately to allow clear delineation of activity phases.

The conditions in the issued licence, as outlined in Table 10, have been determined in accordance with the *Guidance Statement: Setting Conditions*.



## 7.1 Risk assessment – operation

**Table 10: Identification of emissions, pathway and receptors during construction**

Risk Event				Consequence rating <sup>1</sup>	Likelihood rating <sup>1</sup>	Risk <sup>1</sup>	Reasoning	Regulatory controls (refer to conditions of the granted instrument)
Source/Activities	Potential emissions	Potential receptors, pathway and impact	Applicant controls					
Tipping of incoming waste, crushing of material, vehicle movements, and lift-off from stored product.	Dust/particulates	Air/windborne pathway causing impacts to health and amenity of closest human receptors (industrial premises) located in the immediate vicinity, and the closest residential receptor approximately 550m from the premises respectively.	Two dust extractors;  Regular maintenance and visual checks of the baghouse exhaust;  Regular cleaning and misting of machinery and vehicles as required.	Slight	Possible	Low	Crushing occurs within the enclosed sheds, applicant controls are expected to be sufficient in lowering dust emissions.	Condition 8 requires that no visible dust generated from the primary activities crosses the boundary of the premises.
Tipping of incoming waste, crushing of material, vehicle movements, and dust extracting.	Noise		Silencers on dust extractors;  Use three stage tipping for bins and control bin apertures.	Moderate	Likely	High	No acoustic assessment has been undertaken for noise emission impacts to nearby industrial and residential premises.  Applicant intends to operate up to 24 hours per day Monday to Saturday.  The premises is 550m from a high density residential area and is considered a high risk of unacceptable noise impacts associated with out of hours tipping and operations.	Conditions 9 to 12 inclusive require the applicant to undertake noise validation. Conditions require the applicant to undertake corrective measures if noise validation indicates non-compliance with the Noise Regulations at industrial or residential receptors.  Condition 7 limits the hours of tipping of incoming waste..  Condition 7 ensures that all tipping of unprocessed glass must be undertaken within the shed. Shed doors must be closed when tipping and processing is occurring outside of business hours. Three-stage tipping process is to be undertaken where practicable during tipping of unprocessed glass. Any non-three-stage tipping must occur with the doors closed.
Waste acceptance and processing	Windblown waste	Air/windborne pathway causing impacts to amenity of closest human receptors (industrial premises) located in the immediate vicinity, and the closest residential receptor approximately 550m from the premises respectively.	Chain link perimeter fence;  Most activities occur within enclosed sheds.	Slight	Unlikely	Low	Primary waste accepted on site is glass and is not likely to create windblown waste, however labels, bottle caps etc potentially also present on site may be subject to windborne distribution of not appropriately managed.  Applicant controls are considered adequate at mitigating the risk of any windblown waste from contaminate waste streams.	Condition 14 requires that any potential windblown waste is appropriately managed.

Risk Event				Consequence rating <sup>1</sup>	Likelihood rating <sup>1</sup>	Risk <sup>1</sup>	Reasoning	Regulatory controls (refer to conditions of the granted instrument)
Source/Activities	Potential emissions	Potential receptors, pathway and impact	Applicant controls					
Outdoor waste acceptance, storage and vehicle use	Contaminated stormwater	Overland or via groundwater (10-15m bgl) to the nearest sensitive receptor – a wetland located approximately 390m to the south-south-west of the site, and a wetland located approximately 250m to the north of the premises boundary.	Sealed surfaces draining to Main Drains through the Local Authority Stormwater Drainage Network. Two soakwells have been proposed each for the main shed and the proposed bunker as per the submitted stormwater management plan.  Processed glass stored in sealable shipping containers	Minor	Unlikely	Medium	Applicant controls are likely to be adequate at mitigating the risk of general contaminated stormwater onsite.  Glass will be received empty but unwashed and contaminated runoff from waste stockpiles in the outdoor bunker is expected to contain significant contamination Soakwells are not considered an adequate control and represent a direct discharge to the environment should they receive contaminated runoff.	Condition 13 requires all practicable measures are taken to prevent contaminated stormwater.  Conditions 2, 13(d), and 23 require that adequate stormwater containment infrastructure is constructed prior to any waste or material being stored within the bunker to contain any potentially contaminated stormwater runoff from the proposed bunker
Waste acceptance, storage, processing and vehicle use	Fire	Air/windborne pathway causing impacts to health and amenity of closest human receptors (industrial premises) located in the immediate vicinity, and the closest residential receptor approximately 550m from the premises respectively.	No hazardous chemicals accepted or used onsite;  No shredders, balers or disk screens will be used  Glass considered inert and non-combustible material	Slight	Unlikely	Low	Only inert material accepted, no shredders, balers or disk screens on the premises. Machinery will be maintained.	Condition 15 requires that the CEO is notified immediately if any fire and/or incident occurs on the premises.  The Delegated Officer considers no further regulatory controls are required due to low risk rating.
Storage of processed material in the Proposed Bunker	Dust/ Particulates		4m high walls around the bunker  Only to be used in case of a breakdown or rail disruptions  Stored for up to 2 weeks.	Minor	Possible	Medium	Proposed material to be stored in the bunker is processed glass which may have the potential to emit dust or particulates into the airways.	Condition 8 requires that no visible dust generated on the premises crosses the boundary of the premises.

Note 1: Consequence ratings, likelihood ratings and risk descriptions are detailed in the Department's Guidance Statement: Risk Assessments (February 2017)

## 8. Consultation

**Table 11: Summary of consultation**

Method	Comments received	DWER response
Application advertised on DWER website (08/04/2020)	None received	N/A
Local Government Authority advised of proposal (26/05/20)	Comments received on 18/06/2020 (A1904454): Environmental issues of relevance to the Town will be able to be satisfactorily managed in conjunction with any development approval issued by the Town. Planning Approval is currently being assessed but is capable of approval under the provisions of LPS10.	N/A
Applicant referred draft documents (21/08/20)	<p>The applicant submitted the following comments on 21/08/2020:</p> <ol style="list-style-type: none"> <li>1. clarified some points on how operate, including the location of infrastructure;</li> <li>2. the inclusion of acceptance of bottle caps, expected no more than 20m<sup>3</sup> skip full per month;</li> <li>3. Indicated that not all deliveries are able to conduct three-stage tipping. Deliveries will be received by West Tip trucks, container skels, tippers, skip bins and the occasional invertable stillage;</li> <li>4. Requested the waste acceptance hours were increased from 7:00AM to 10:00PM to 6:00AM to 10:30PM to align with the West Tip scheduled with WARRRL.</li> <li>5. Requested exemptions to operational hours under special circumstances for example when collection sites are unusually busy and trucks needing to make deliveries after hours.</li> <li>6. Clarifying that the outside bunker is intended be used to store unprocessed or partially processed glass to 50mm.</li> </ol> <p>On 24/08/2020 the applicant submitted an updated site layout map indicating the location of the barrel dryers and storage locations for containers and</p>	<ol style="list-style-type: none"> <li>1. Updated licence accordingly;</li> <li>2. Updated licence to include acceptance of Special Waste Type 2,</li> <li>3. Table 4 of the licence has been updated to include all listed delivery options. Conditioned any non-three-stage tipping and forklift tipping to occur with doors closed.</li> <li>4. The Delegated Officer has agreed to updated waste acceptance times from 6:00AM to 10:30PM in Table 4. Condition 9 updated to require a shorter timeframe for the Noise Validation to be commenced (from 4 months to 8 weeks).</li> <li>5. Table 4 has been updated to include a provision that allows any deliveries between 10:30PM and 06:00AM to be delivered in skip bins, without handling for later tipping or processing during operational times.</li> <li>6. The noise profile for the tipping of 50mm glass is expected to be significantly lower than for whole bottles. Updated licence to state the outside bunker is for partially processed waste up to</li> </ol>

	bins.	50mm max only. Site layout has been updated accordingly.
Applicant referred 2 <sup>nd</sup> draft documents (25/08/20)	Accept changes, no further comments, waive remaining comment period.	N/A

## 9. Conclusion

Based on the assessment in this decision report, the Delegated Officer has determined that a licence will be granted, subject to conditions commensurate with the determined controls and necessary for administration and reporting requirements.

**Steve Checker**  
**MANAGER WASTE INDUSTRIES**  
**INDUSTRY REGULATION**

*An officer delegated by the CEO under section 20 of the EP Act*

## Appendix 1: Key documents

Document title	Availability
Licence (L9241/2020/1) application form and supporting documentation (Month, Year)	DWER records (DWERDT264551)
DER, July 2015. <i>Guidance Statement: Regulatory principles</i> . Department of Environment Regulation, Perth.	accessed at <a href="http://www.dwer.wa.gov.au">www.dwer.wa.gov.au</a>
DER, October 2015. <i>Guidance Statement: Setting conditions</i> . Department of Environment Regulation, Perth.	
DER, August 2016. <i>Guidance Statement: Licence duration</i> . Department of Environment Regulation, Perth.	
DER, February 2017 <i>Guidance Statement: Risk Assessments</i> . Department of Environment Regulation, Perth.	
DWER, June 2019. <i>Guidance Statement: Decision Making</i> . Department of Water and Environment Regulation, Perth.	
DWER, June 2019. <i>Guideline: Industry Regulation Guide to Licensing</i> . Department of Water and Environmental Regulation, Perth.	

101

250

2.3234ha

PROPOSED WEIGHBRIDGE 12m x 3m x 0.5m (H)  
STEEL & CONCRETE TO ENG. SPEC.

EXISTING WAREHOUSE  
METAL FRAMED & COLORBOND ROOF

EXISTING OFFICES  
MASONRY W/ COLORBOND  
ROOF

PROPOSED WAREHOUSE EXTENSION  
STEEL FRAMED W/ COLORBOND ROOF  
496m²

PROPOSED CONCRETE  
BUNKER STORAGE WALLS

EXISTING WAREHOUSE  
STEEL FRAMED  
W/ COLORBOND ROOF  
EFL @ 00c  
R.L. 23.69

EXISTING WAREHOUSE  
METAL FRAMED W/  
COLORBOND ROOF  
EFL @ -18c  
R.L. 22.14

JACKSON STREET

ALICE STREET

1

2

3

4

5

7855

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

339

340

341

342

343

344

345

346

347

348

349

350

351

352

353

354

355

356

357

358

359

360

361

362

363

364

365

366

367

368

369

370

371

372

373

374

375

376

377

378

379

380

381

382

383

384

385

386

387

388

389

390

391

392

393

394

395

396

397

398

399

400

401

402

403

404

405

406

407

408

409

410

411

412

413

414

415

416

417

418

419

LOT 2 (No. 25) JACKSON STREET  
BASSENDEAN



0 25 m  
SCALE @ A3: 1:1000  
9170-BLD-01-C

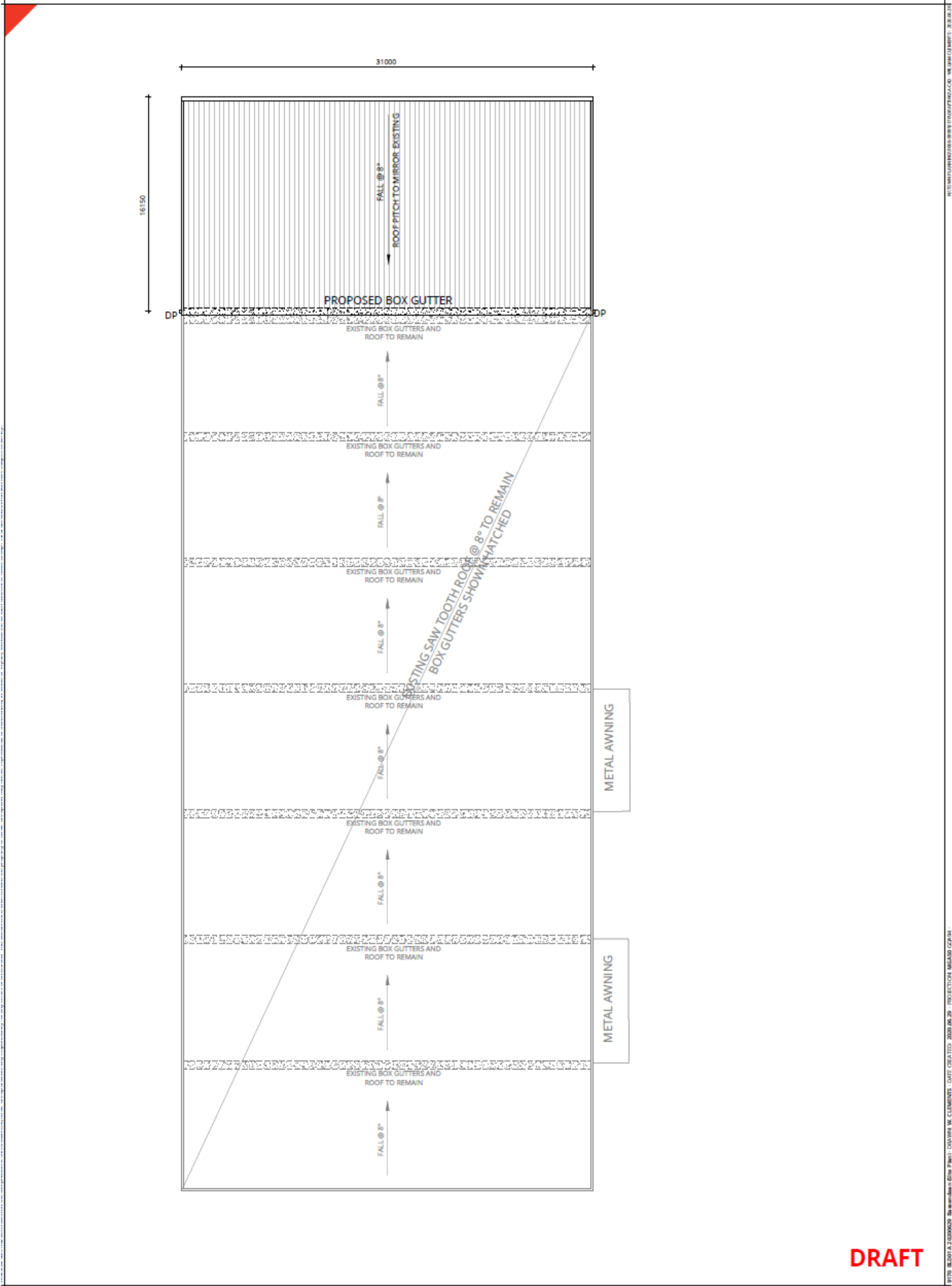


**ROWE**  
GROUP



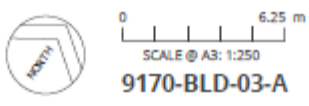




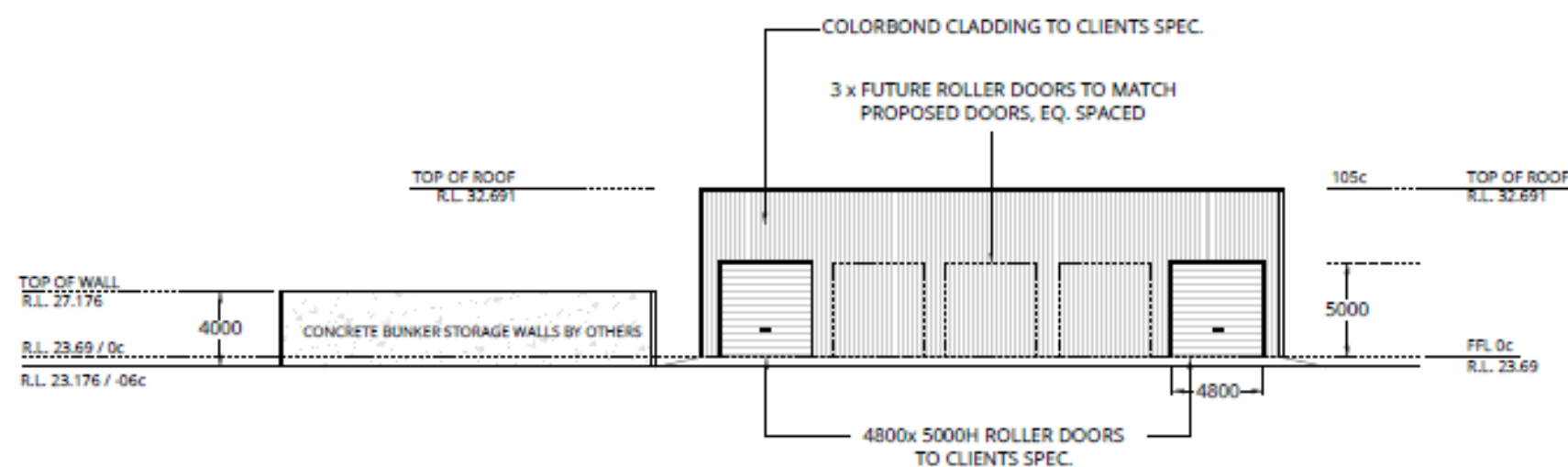
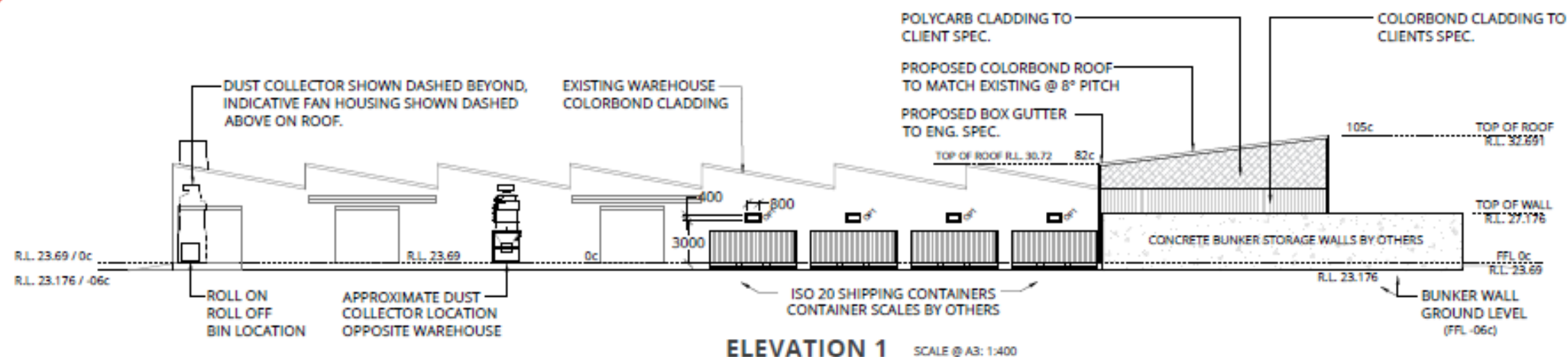


NOT TO SCALE. DIMENSIONS ARE IN METERS. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED. DATE: 2020-08-29. PROJECT: MAGASO. DRAWN BY: J. CLEMENTS. CHECKED BY: J. CLEMENTS. SCALE: 1:250. 9170-BLD-03-A

**ROOF PLAN - PROPOSED GLASS CRUSHING FACILITY - WAREHOUSE EXTENSION**  
 LOT 2 (No. 25) JACKSON STREET  
 BASSENDEAN



**DRAFT**



**ELEVATIONS - PROPOSED GLASS CRUSHING FACILITY - WAREHOUSE EXTENSION**  
 LOT 2 (No. 25) JACKSON STREET  
 BASSENDEAN

0 10 m  
 SCALE @ A3: 1:400  
 9170-BLD-04-A

