











## TABLE OF CONTENTS

<b>1.0 INTRODUCTION .....</b>	<b>1</b>
Site Setting.....	1
Site Description.....	1
Planned Development .....	1
Scope of Services .....	2
<b>2.0 GEOLOGIC AND SEISMIC SETTINGS.....</b>	<b>4</b>
<b>3.0 FIELD INVESTIGATION AND LABORATORY TESTING .....</b>	<b>5</b>
Subsurface Exploration.....	5
General Subsurface Profile.....	5
Laboratory Testing.....	6
<b>4.0 DATA ANALYSIS SUBSURFACE SOIL CLASSIFICATION.....</b>	<b>6</b>
Seismic Design Parameters.....	6
Liquefaction .....	7
<b>5.0 CONCLUSIONS .....</b>	<b>8</b>
Site Suitability .....	8
Soil Expansion Potential.....	8
Organic Content.....	9
Foundations.....	9
Site Preparation and Grading .....	9
Static Settlement .....	9
Groundwater .....	9
Seismicity .....	10
<b>6.0 RECOMMENDATIONS.....</b>	<b>10</b>
Site Preparation and Grading .....	10
Processing Building Foundations.....	14
Hoop Greenhouse Foundations .....	15
Slab-on-Grade Construction .....	16
Retaining Wall Foundations.....	17
Exterior Flatwork .....	19
Light Pole Foundations .....	20
Flexible Pavement Sections .....	21
Concrete (PCC) Pavements.....	22
Utility Trench Backfills and Drainage Trenches .....	23
Management of Site Drainage and Finish Improvements.....	23
Geotechnical Observation and Testing.....	24
<b>7.0 CLOSURE .....</b>	<b>26</b>

STAFF PRELIMINARY DRAFT FOR INTERNAL USE ONLY-CA GOVT CODE SECTION 6254(A)











































































































