## PROJECT TEAM

BRANDON LAYMAN RAISING CANE'S RESTAURANTS LLC 6800 BISHOP ROAD PLANO, TX 75024 (225) 335-0333

BLAYMA312@GMAIL.COM KIMBERLY FILKINS CSRS, INC.

15950 DALLAS PARKWAY, SUITE 210 DALLAS, TX 75248 (469) 498-2100 KIMBÉRLY.FILKINS@CSRS.COM

RYAN MING, PLS UNICO ENGINEERING. 110 BLUE RAVINE RD, SUITE 101 FOLSOM, CA 95630 (916) 900-6623 RMING@UNICOENGINEERING.COM

<u>CIVIL ENGINEER</u> AMELIA BELTRAN, PE KIMLEY-HORN AND ASSOCIATES, INC. 1100 W TOWN & COUNTRY ROAD, ORANGE, CA 92868 (619) 962-8972 ÀMELIA.BELTRAN@KIMLEY-HORN.COM

<u>OWNER</u> BRAD BECKER BECKER PROPERTIES 687 S COAST HIGHWAY 101, SUITE 236 ENCINITAS, CA 92024 (858) 395-4075 BRAD@BECKERDEV.COM

E4 DRY UTILITY CONSULTANT NICOLE CAPLAN E4 UTILITY DESIGN 324 AVE. DE LA ESTRELLA, SUITE B SAN CLEMENTE, CA 92672 (949) 353-5134 NICOLE@E4DESIGN.COM

## UTILITY PURVEYORS

<u>WATER</u>
CALIFORNIA AMERICAN WATER CITY OF IMPERIAL BEACH: SAN DIEGO COUNTY DISTRICT PUBLIC WORKS DEPARTMENT (SDG&E) 1025 PALM AVE 495 10TH STREET IMPERIAL BEACH, CA 91932 IMPERIAL BEACH, CA 91932 (619) 446-4762 (619) 213-1625

GAS & ELECTRIC PHONE
SAN DIEGO GAS & ELECTRIC AT&T WEST SOUTH C&E (619) 206-7814 LP2472@ATT.COM AMY CARVUTTO 8315 CENTURY PARK CT. CP22A (858) 636-6805 CPMS@SDGE.COM

### BASIS OF BEARINGS NOTE

THE BASIS OF BEARING FOR THIS MAP IS THE EASTERLY RIGHT OF WAY LINE OF 9TH STREET AS SHOWN ON THE RECORD OF SURVEY NO. 11831 FILED IN THE OFFICE OF THE SAN DIEGO COUNTY RECORDER, ESTABLISHED FROM FOUND MONUMENTS AS SHOWN.

## LEGAL DESCRIPTION PER TITLE REPORT

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF IMPERIAL BEACH, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

LOTS 6 THROUGH 13, INCLUSIVE, IN BLOCK 51 OF SOUTH SAN DIEGO COMPANY'S ADDITION TO SOUTH SAN DIEGO, IN THE CITY OF IMPERIAL BEACH, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 497 FILED OCTOBER 4, 1887 IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY.

EXCEPTING THEREFROM THE SOUTHERLY 10 FEET OF LOT 13.

ALSO EXCEPTING FROM SAID LOT 13 ALL THAT PORTION LYING SOUTHWESTERLY OF A 10 FOOT RADIUS CURVE CONCAVE NORTHEASTERLY, SAID CURVE BEING TANGENT WITH THE WESTERLY LINE OF SAID LOT 13 AND TANGENT TO A LINE WHICH IS PARALLEL WITH AND 10 FEET NORTHERLY OF THE SOUTH LINE OF SAID LOT 13.

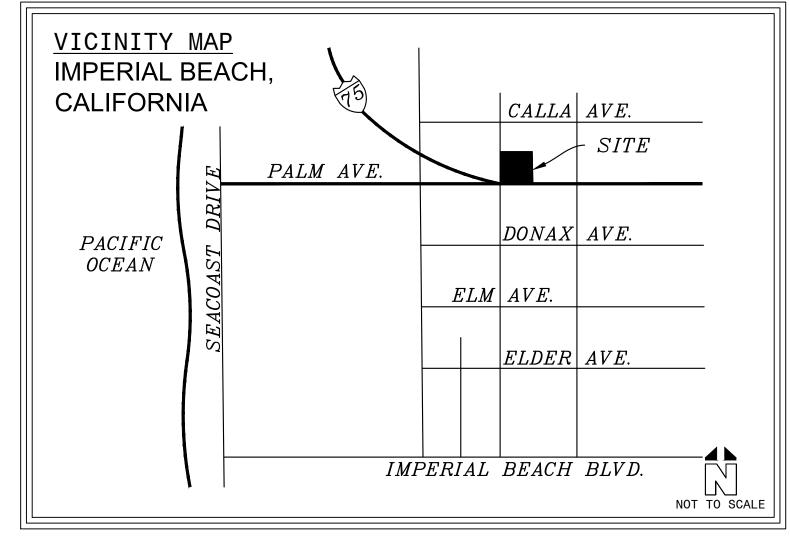
A: THE LAND SHOWN IN THIS SURVEY IS THE SAME AS THAT DESCRIBED IN OLD REPUBLIC TITLE COMPANY PRELIMINARY REPORT 2676020732-52, DATED JUNE 29, 2021.

# ENTITLEMENT PLANS

FOR



RC0866 900 PALM AVENUE IMPERIAL BEACH, CA 91932



VICINITY MAP SCALE: NTS

### GEOTECHNICAL REPORT

THE RAISING CANE'S RESTAURANT (RC886) GEOTECHNICAL ENGINEERING REPORT DATED DECEMBER 2, 2021 PREPARED BY TERRACON CONSULTANTS, INC. AND ALL ADDENDA SHALL BE CONSIDERED PART OF THESE CONSTRUCTION DOCUMENTS.

## SITE INFORMATION

SITE ADDRESS:

ZONING DISTRICT: LAND USE: EXISTING USE: PROPOSED USE: TOTAL LOTS: PARKING SPACES:

900 PALM AVENUE IMPERIAL BEACH, CA 91932 626-212-00 C - COMMERCIAL COMMERCIAL COMMERCIAL (BANK) COMMERCIAL (RESTAURANT)

# IFGEND

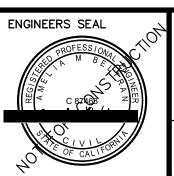
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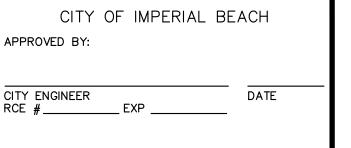
DATE	DESCRIPTION	
12/13/21	1ST SUBMITTAL	
6/1/22	2ND SUBMITTAL	AC
7/8/22	3RD SUBMITTAL	DRAWN BY
		AB
		CHECKED BY
		<b>-</b> JP
		RECOMMENDED



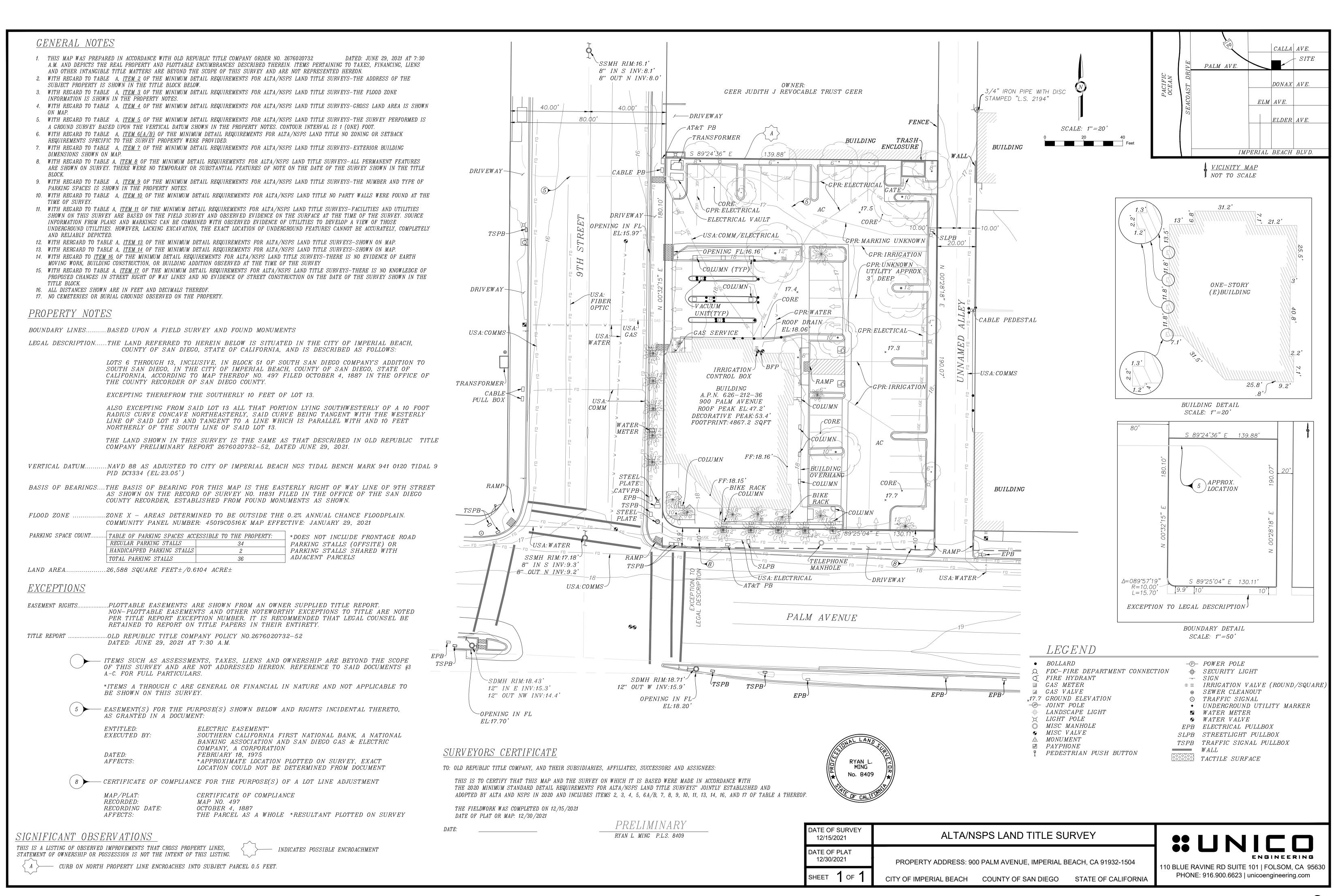


AMELIA BELTRAN, R.C.E. NO. 87468 EXP. 12/31/2022

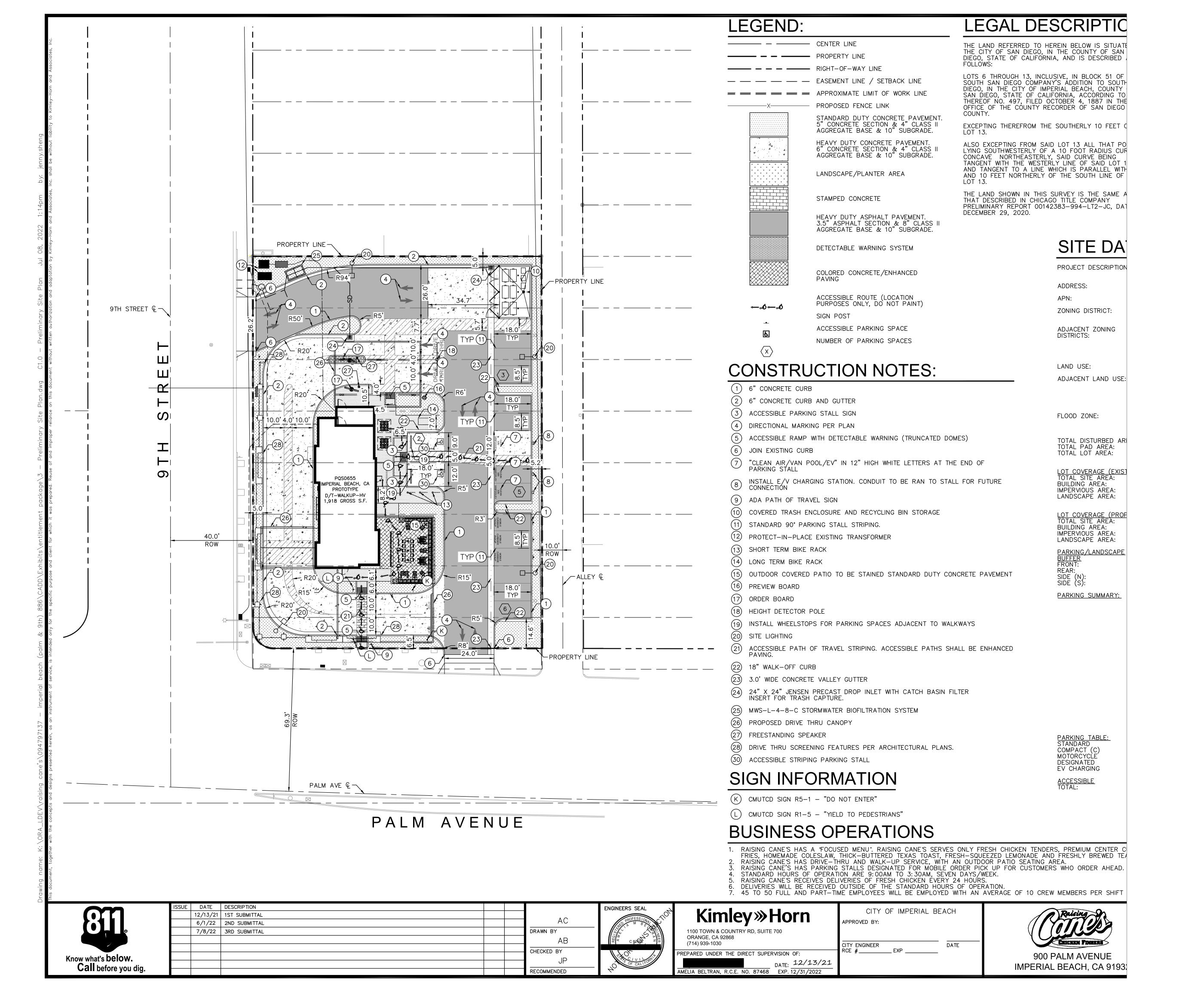
DATE: 12/13/21

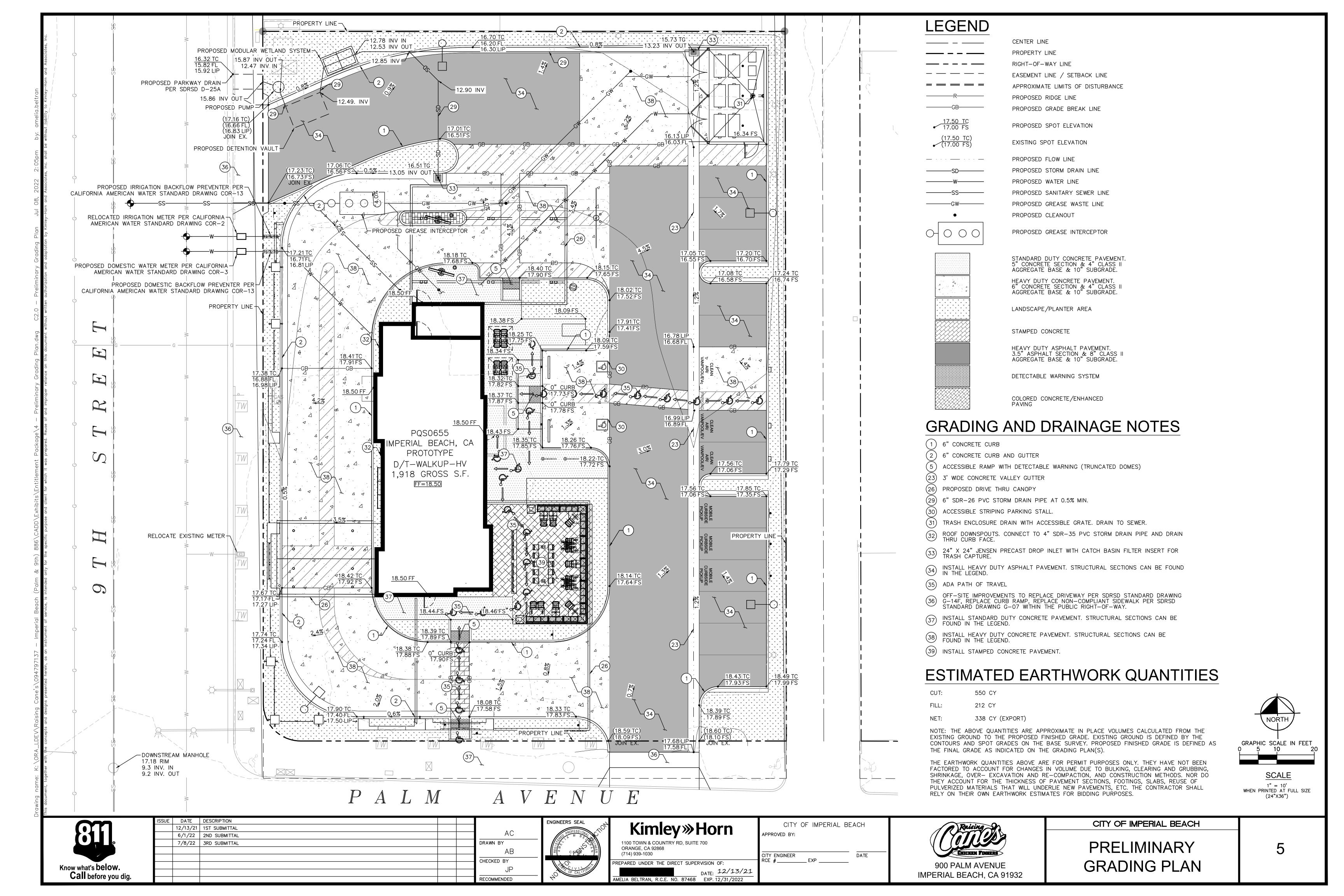






### **GENERAL EROSION CONTROL NOTES** MAINTENANCE NOTES **LEGEND BMP NOTE** ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE ALL MEASURES STATED ON THE EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM THE FOLLOWING B CENTER LINE CALIFORNIA STORI WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION COURSES OR WIND. THE LATEST REVIS PROPERTY LINE UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE OF THE PROJECT. 2. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES MAY BE CHECKED BY A QUALIFIED RIGHT-OF-WAY LINE FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER. PERSON ON A SCHEDULE THAT MEETS OR EXCEEDS THE GOVERNING REQUIREMENTS, AND CLEANED EC-1, SCHEDULIN EASEMENT AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING: EC-2, PRESERVA 3. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND MUST NOT CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED WE-1, WIND EROS \_ \_ \_ \_ \_ \_ APPROXIMATE CIVIL LIMIT OF WORK LINE NS-1, WATER CON 1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO NS-3, PAVING AN FILTEXX SILTSOXX OR APPROVED EQUAL SIGNS OF UNDERMINING, OR DETERIORATION. THE DRAINAGE SYSTEM. NS-7, POTABLE V NS-12, CONCRETE CONSTRUCTION FENCE WITH GREEN SCREEN \_\_\_\_X\_\_\_ 4. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL 2. FILTREXX SILTSOXXS OR APPROVED EQUAL SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS NS-13, CONCRETE PROPOSED STORM DRAIN LINES \_\_\_\_\_SD\_\_\_\_ IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE FILTREXX SILTSOXXS OR APPROVED WM-4, SPILL PRE THEY CAN BE DISPOSED OF AS SOLID WASTE. WM-7, CONTAMIN EQUAL WHEN IT REACHES ONE-HALF THE HEIGHT OF THE FILTREXX SILTSOXX OR APPROVED \_\_\_\_SD\_\_\_\_ EXISTING STORM DRAIN LINES 5. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND. WM-9, SANITARY, EQUAL. WM-10, LIQUID W PROPOSED STORM DRAIN INLET SE-7, STREET SW SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. 3. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR ANY OTHER MEANS. TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP INLET PROTECTION DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND. CONTRACTOR RE AND PEDESTRIA WORK IN THE PU 7. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO 4. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE CONSTRUCTION ENTRANCE INHIBIT EROSION BY WIND AND WATER. FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE 8. STORM WATER POLLUTION CONTROL REQUIREMENTS MUST BE INTEGRATED ONTO THE EROSION CONTROL PLANS FOR ANY CONSTRUCTION BETWEEN OCTOBER 1 AND APRIL 15. THE FOLLOWING TEMPORARY PARKING AS CONDITIONS DEMAND. STOCKPILE AREA SITE PREPARATIO NOTES AND BMP'S AS OUTLINED IN, BUT NOT LIMITED TO, THE BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORM WATER QUALITY TASK FORCE. SACRAMENTO, CALIFORNIA 1993, OR THE LATEST REVISED EDITION MAY APPLY DURING THE CONSTRUCTION OF PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY CITY INSPECTIONS). WITH GEOTECHNIC 5. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER. SANITARY AREA, TRASH STORAGE, HAZARDOUS MATERIAL, CONCRETE MANAGEMENT, VEHICLE MAINTENANCE CONTRACTOR TO AND EQUIPMENT STORAGE AREA TEMPORARY EROSION CONTROL DEVICES SHOWN ON THE PLAN WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED AS AND WHEN THE CONTRACTOR AND/OR THE INSPECTOR SO TO ENSURE CO MANAGEMENT DIS MATERIAL STORAGE DIRECTS AS THE WORK PROGRESSES. DISCHARGE FRO AND DELIVERY DEWATERING OPE 10. ALL STANDARDS REFERENCED FROM 2018 CASQA CONSTRUCTION BMP BOOK. DIRECTION OF FLOW -FUTURE MODULAR WETLAND SYSTEM S.D.G.&.E./ E **EROSION** ( $\langle$ 1 $\rangle$ WM-1, M $\langle 2 \rangle$ WM-3, S FUTURE DETENTION VAULT $\langle 3 \rangle$ WM-5, S $\langle 4 \rangle$ WM-6, H $\langle 5 \rangle$ WM-8, C $\langle 6 \rangle$ SE-5, IN $\overline{7}$ SE-10, S AND ERT CONTRACTOR TO MAINTAIN VEHICULAR ACCESS AT ALL TIMES $\langle 8 \rangle$ TR-1, ST DURING SITE IMPROVEMENTS. $\langle 9 \rangle$ TR-3, EN $\langle 11 \rangle \langle 10 \rangle \langle 5 \rangle \langle 4 \rangle \langle 3 \rangle$ $\langle 10 \rangle$ NS-10, $\langle 11 \rangle$ SD-32, CONTRACTOR TO MAINTAIN PEDESTRIAN-ACCESS AT ALL TIMES DURING (12) CONSTRU SITE IMPROVEMENTS. $\langle 13 \rangle$ WE-1, WI $\langle 14 \rangle$ SE-7, VA SEQUENCE UPON IMPLEMENTA PORTA-POTTY, WH CONTAINERS, ETC., THEY OCCUR THRO CONTRACTOR TO MAINTAIN-VEHICULAR ACCESS AT ALL TIMES PHASE 1: DURING SITE IMPROVEMENTS. 1. CONSTRUCT S THEN FILTREX 2. INSTALL INLE 3. PREPARE CLE PHASE 2: 4. PERFORM MA CONTRACTOR TO ENSURE EROSION CONTROL 5. START CONST EFFORTS DO NOT INTERFERE WITH EXISTING 6. TEMPORARILY STREET LIGHT OPERATION. INACTIVE FOR -CONSTRUCTION ENTRANCE/EXIT CONTRACTOR TO MAINTAIN PEDESTRIAN CONTRACTOR TO MAINTAIN PEDESTRIAN-ACCESS AT ALL TIMES DURING ACCESS AT ALL TIMES DURING SITE IMPROVEMENTS. SITE IMPROVEMENTS. CONTRACTOR TO MAINTAIN-VEHICULAR ACCESS AT ALL TIMES CONTRACTOR TO MAINTAIN-DURING SITE IMPROVEMENTS. VEHICULAR ACCESS AT ALL TIMES DURING SITE IMPROVEMENTS. $P A L M \qquad A V E N U \overline{E}$ SUE DATE DESCRIPTION CITY OF IMPERIAL BEACH Kimley»Horn 12/13/21 | 1ST SUBMITTAL АC APPROVED BY: 6/1/22 | 2ND SUBMITTAL 1100 TOWN & COUNTRY RD, SUITE 700 7/8/22 | 3RD SUBMITTAL DRAWN BY ORANGE, CA 92868 AΒ (714) 939-1030 ITY ENGINEER CHECKED BY REPARED UNDER THE DIRECT SUPERVISION OF: 900 PALM AVENUE Know what's below. DATE: 12/13/21 Call before you dig. IMPERIAL BEACH, CA 9193 MELIA BELTRAN. R.C.E. NO. 87468 EXP. 12/31/2022 RECOMMENDED







SCREEN WALL BREEZE BLOCK AT RESTROOMS
SCALE: NTS



2 | SITE LIGHTING SCALE: NTS



BUILDING SCONCE LIGHTING
SCALE: NTS



PATIO LIGHTING
SCALE: NTS



5 | MURAL LIGHTING AT DRIVE THRU
SCALE: NTS



Restaurant:

Raising Cane's
Restaurant #886
900 Palm Avenue
Imperial Beach, CA
D/T Walk-Up-HV

Designer's Information:



8555 United Plaza Blvd. Baton Rouge, Louisiana 70809 Telephone: 225 769-0546 www.csrsinc.com

Prototype Phase:	2021-3
Project Issue Date:	00-00-00
CSRS Project Manager:	F

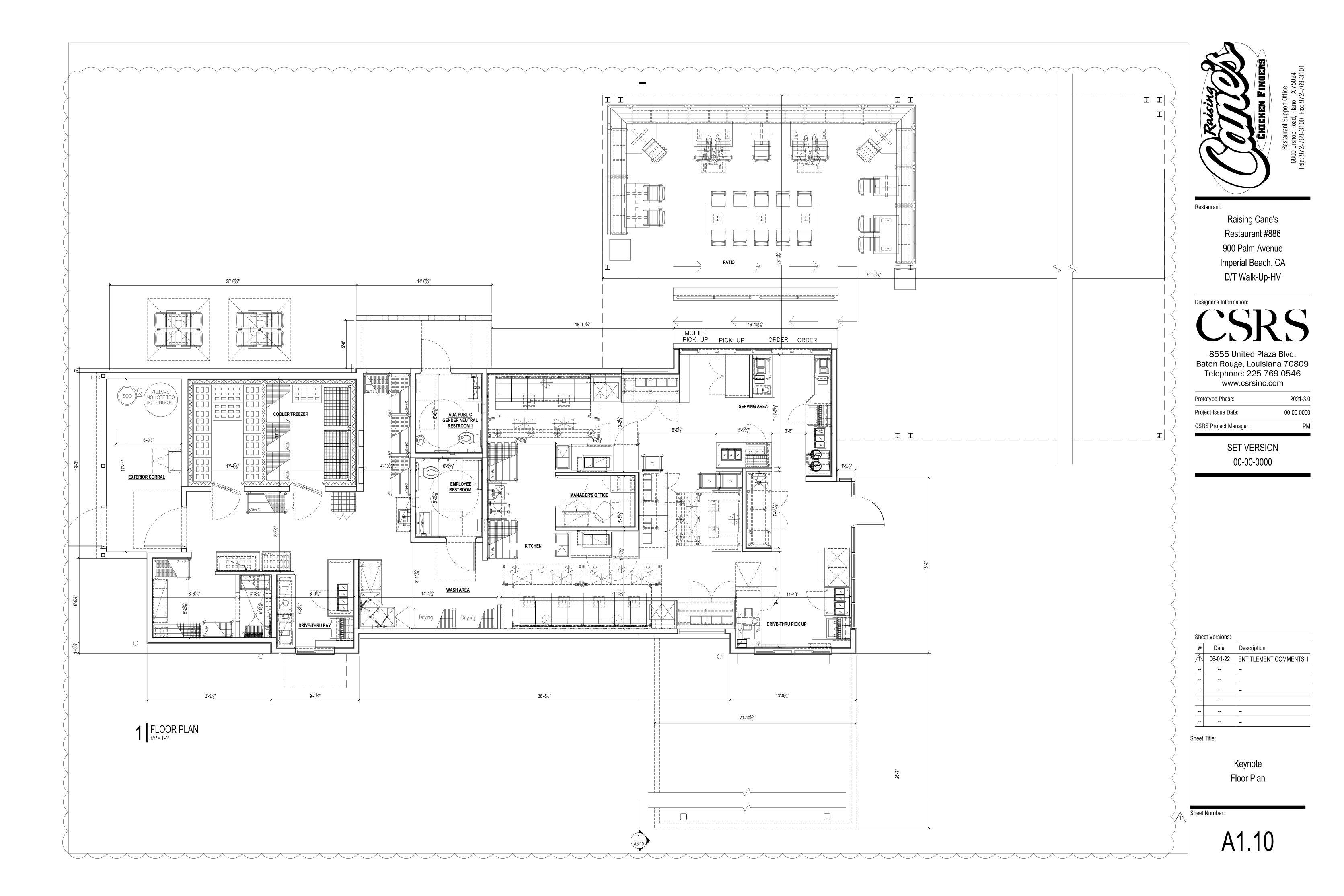
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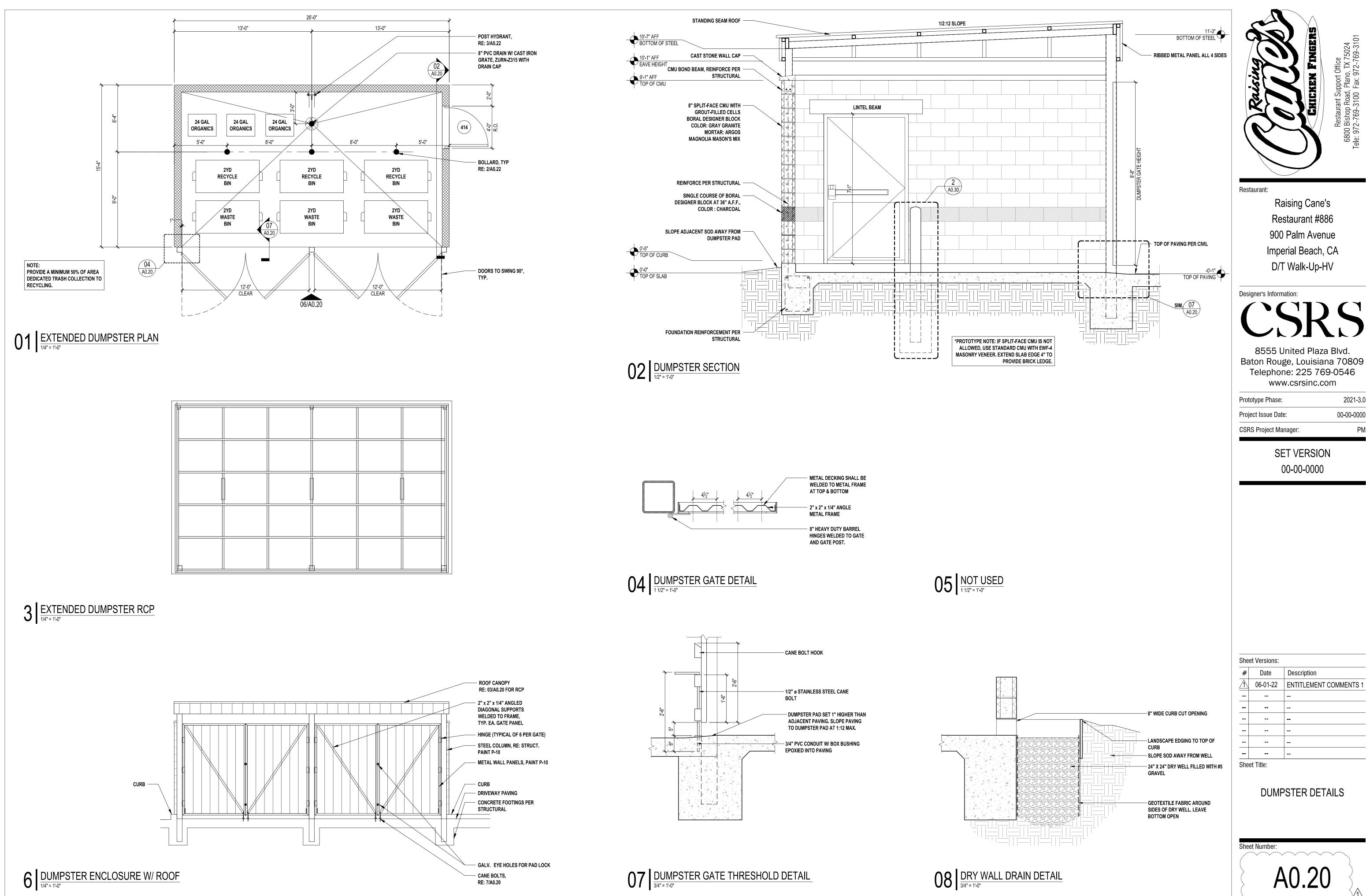
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SITE DETAILS AND LIGHTING

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**DUMPSTER DETAILS** 

Raising Cane's

Restaurant #886

900 Palm Avenue

Imperial Beach, CA

D/T Walk-Up-HV

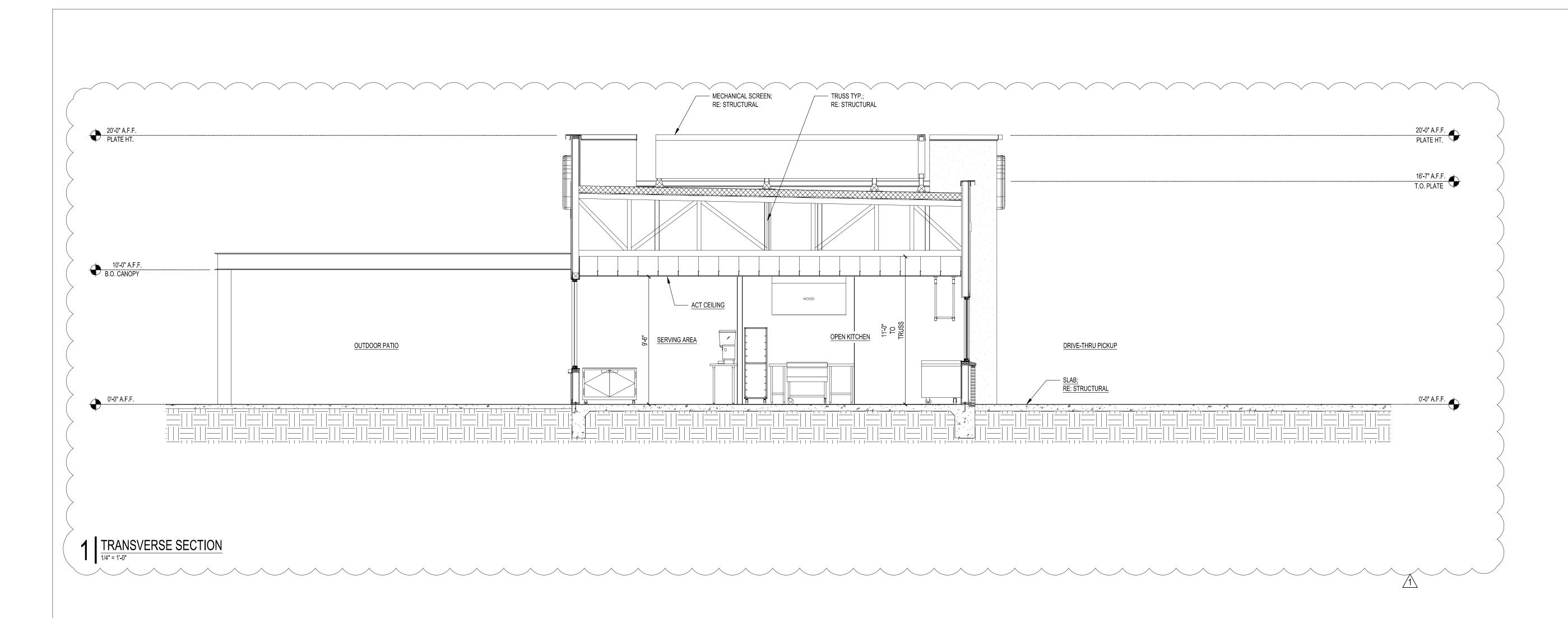
www.csrsinc.com

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Restaurant:

Raising Cane's
Restaurant #886
900 Palm Avenue
Imperial Beach, CA
D/T Walk-Up-HV

Designer's Information:



8555 United Plaza Blvd.
Baton Rouge, Louisiana 70809
Telephone: 225 769-0546
www.csrsinc.com

Prototype Phase:	2021-3.
Project Issue Date:	00-00-000
CSRS Project Manager:	PI

SET VERSION 00-00-0000

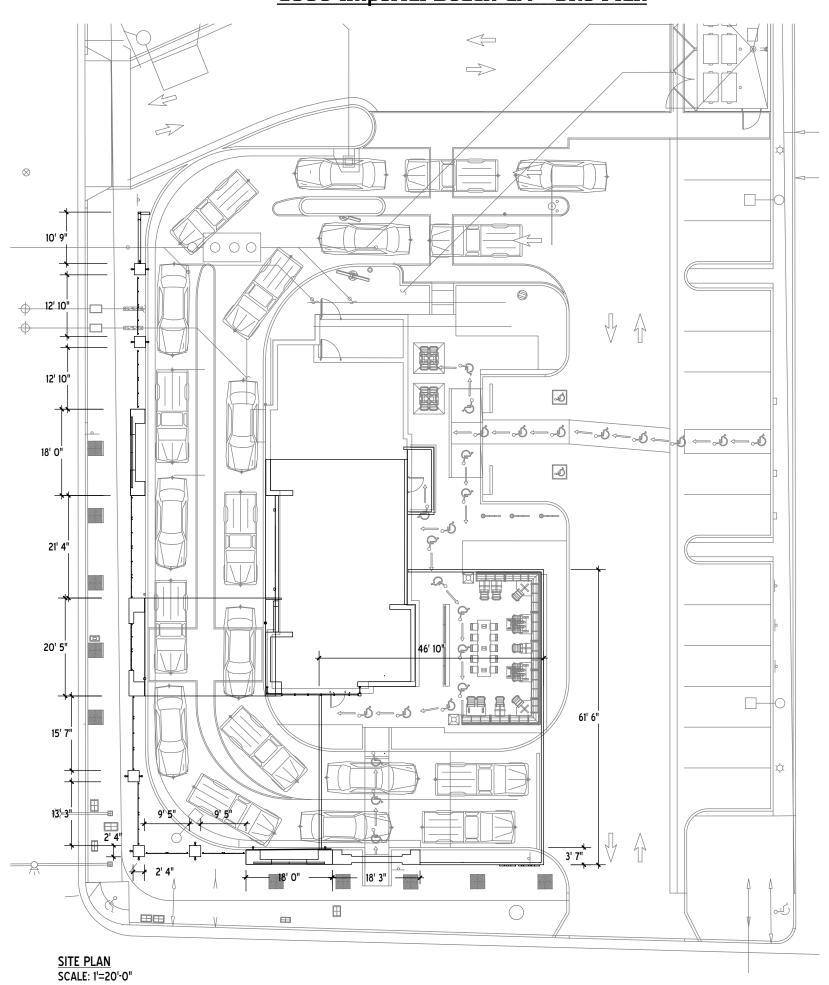
She	et Versions:	
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BUILDING SECTIONS

Shoot Num

A6.10

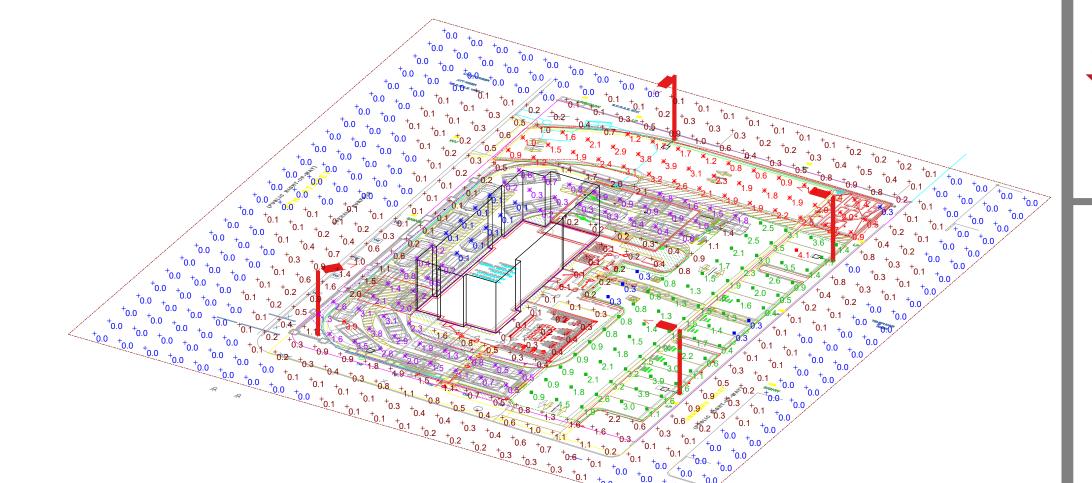
### C886 Imperial Beach CA - Site Plan



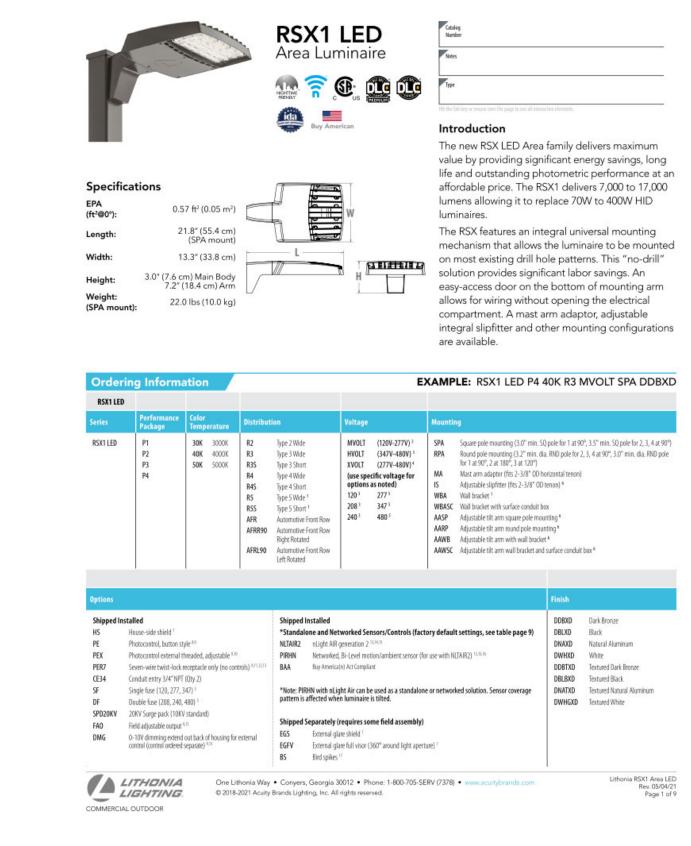




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### **South East View**



### 1 All lighting for this project is in conformance with IBMC chapter 19.56 lighting regulations.

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
DRIVE THRU	Ж	1.1 fc	3.9 fc	0.1 fc	39.0:1	11.0:1
DRIVEWAY	Ж	1.9 fc	3.9 fc	0.3 fc	13.0:1	6.3:1
PARKING LOT		1.7 fc	4.1 fc	0.3 fc	13.7:1	5.7:1
SITE CALCULATIONS	+	0.6 fc	4.1 fc	0.0 fc	N/A	N/A

**SAFETY - General Parking Applications (Less than 0.5fc min)** Please note this analysis does not comply with minimal IESNA levels for parking and pedestrian safety.

Acuity Brands will not be liable for any safety issues that may arise from the installation of this design.

Schedule										
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	Distribution
^   	XX	4	Lithonia Lighting	RSX1 LED P4 40K R4 HS	RSX LED Area Luminaire Size 1 P4 Lumen Package 4000K CCT Type R4 Distribution with HS shield	1	10893	0.9	133.14	TYPE III, SHORT, BUG RATING: B1 - U0 - G2

- 1. Readings shown are based on a total LLF as shown at floor. Data references the extrapolated performance projections in a 25c ambient based on 10,000hrs. of LED testing (per IESNA LM-80-08 and projected per IESNA TM-21-
- 2. Please refer to the "luminaire locations" for mounting heights. 3. Product information can be obtained at www.Acuitybrands.com or through your local agent

+0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1	+0.1	+0.2	+0.2	+0.2	+0.1	0.0	0.0	0.0	0.0
+0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	+0.1	+0.2	<sup>+</sup> 0.3	+0.3	+0.3	+0.2	+0.2	+0.3	+0.4	+0.5	+0.4	+0.1	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	+0.1	+0.1	+0.3	+0.5	+0.9	+1.0	+0.6	+0.4	+0.3	+0.5	8.0	+0.9	<sup>+</sup> 0.8	+0.2	+0.1	0.0	0.0	<sup>+</sup> 0.0
						+0.2				\ /									7 III				
+0.0	0.0	+0.1	+0.1	+0.3	0.5	1.0	*1.6	*2.1	*2.9	*3.8	* <b>XX</b> 3.9	<b>@ 25</b> 3.1	* <b>2.3</b>	*1.9	*1.8	*1.9	*2.0	*2.0°	<b>*</b> 0.5	+0.2	+0.1	0.0	0.0
+0.0	0.0	+0.1	+0.1	+0.3	+0.6	*1.0	*1.5	*1.9	*2.4	*3.1	*3.2	*2.6	*2.1	*1.9	*1.9	*2.2	<b>*</b> 2.5	*2.7	<b>*</b> 0.9	+0.4	+0.2	0.0	0.0
+0.0	0.0	+0.1	+0.1	+0.2	+0.5	*0.9	*1.2	1.4	+1.7	2.0	2.1	*1.8	*1.6	*1.5	*1.8	2.5	3.1	<b>3</b> .6	1.4	8.0	<sup>+</sup> 0.3	+0.1	0.0
						0.5																	
0.0	0.0	0.0	0.0	+0.1	+0.2	0.2	0.2	*0.3	*0.3	0.3	0.3	0.4	0.4	0.6	1.1	<b>2</b> .1	3.0	3.5	<b>1</b> .4	+ 0.8	+0.3	<sup>+</sup> 0.1	0.0
<sup>+</sup> 0.0	0.0	0.0	0.0	+0.1	<sup>+</sup> 0.1	0.1	0.1	*0.1	0.2	0.2				_	1								
+0.0	0.0	0.0	0.0	0.0	+0.1	0.1	0.1	*0.1				0.1	+0.2	+0.4	0.8	1.5	1.9	2.0	0.5	+0.2	+0.1	0.0	0.0
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0.0	0.0	0.0	+0.1	+0.1	+0.1	+0.1	0.1	*0.1			1	0.1	0.2	0.3	0.8	1.3	20 OTEM	1.3	0.3	+0.1	0.0	0.0	0.0
0.0	0.0	+0.1	+0.1	+0.2	0.3	0.2	0.2	<b>*</b> 0.1	IMPERIAL BE PRO	QS0655 ACH, CA DTOTYPE KUP-HV	-	0.1	0.2	0.3	0.8	<b>1</b> .3	N Dylacotries NA CTEWN	1.4	0.3	+0.1	+0.1	0.0	0.0
0.0	+0.1	+0.1	+0.2	+0.4	0.6	+0.6	0.4	* <del>0</del> .2	1,918 GRO	SS S.F.		0.1	0.1	0.3	0.8	<b>1</b> .4	1.8	1.7	0.4	+0.1	+0.1	0.0	0.0
<sup>+</sup> 0.0	0.0	+0.1	+0.4	+0.7	<sup>+</sup> 1.0	+ 1 1	*0.8	0.5					/ = <b>G</b>				2 9 5			+0.3			
<sup>+</sup> 0.0	0.0	0.0	+0.3	+0.9	<sup>+</sup> 1.4	1.5	*1.4	*1.2				+0.1	0.2	0.4	0.9	<b>1</b> .8	2 5 HOREL	3.0	1.1	+0.5	+0.2	0.0	0.0
+0.0	0.0	0.0	<sup>+</sup> 0.1	<sup>+</sup> 0.6	<sup>+</sup> 1.6	2.0	*2.1	<b>2</b> .0			) J	0.1	0.3	0.4	0.9	<b>2</b> .1	3.2	3.9	1.6	+0.9	+0.3	<sup>+</sup> 0.1	0.0
						*2.6		$\setminus \mathbb{A}$			6			_ [									
						1.3					2			. III									
+0.0	0.0	0.0	0.0	+0.1	0.4	1.10		*3.5 <b>XX @</b>			1.5	*1.1	*0.7	*0.5	0.9	1,5	1.9	<sup>+</sup> 2.2	0.6	0.3	0.1	0.0	0.0
0.0	0.0	0.0	0.0	+0.1	+0.2	+0.3					1.5	+1.1	+0.7	0.5	8.0	1.3	1.6	<sup>+</sup> 1.6	+0.3	<sup>+</sup> 0.1	<sup>+</sup> 0.1	0.0	0.0
+0.0	0.0	0.0	0.0	0.0	+0.1	+0.2	+0.3	+0.4	+0.3	8.0	+1.1	8.0	<sup>+</sup> 0.5	+0.4/	<sup>+</sup> 0.6	<sup>+</sup> 1.0	+1.1	+1.1	+0.2	+0.1	0.0	0.0	0.0
+0.0	0.0	0.0	0.0	0.0	0.0	0.0	+0.1	+0.1	+0.1	+0.1	0.3	+0.4	+0.4	+0.3	<sup>+</sup> 0.4	<sup>+</sup> 0.6	+0.7	<sup>+</sup> 0.6	+0.1	0.0	0.0	0.0	0.0

Plan View
Scale - 1'' = 20ft

### **DISCLAIMER**

This application design is not a professional engineering drawing, and the design, including reported data and calculated results, is provided for informational purposes only, without any warranty as to accuracy, completeness, safety or otherwise. The design is the result of calculations made using Visual® lighting application software, photometric/radiometric data measured in a laboratory, and certain computational and modeling assumptions.

Far-field photometric/radiometric data may have been used to perform one or more calculations. Photometric/radiometric data is typically collected under far-field measurement conditions; far-field data is not generally representative of near-field geometric conditions. When using far-field photometric/ radiometric data, the Visual software applies certain generalizing assumptions to approximate near-field performance. These approximations may result in significant inaccuracies in individual calculated luminous and/or radiant power quantities in areas where a source is in close proximity to a particular surface or point.

The modeling of radiant flux exchange used in the Visual software requires a uniform exitance across each reflecting surface. The Visual software approximates the uniform surface exitance condition by adaptively subdividing surfaces with non-uniform exitances into subsurfaces with sufficiently uniform exitance gradients. Practical restrictions, due to computer hardware limitations, may prevent the subdivision procedure from subdividing surfaces with high exitance gradients into subsurfaces with sufficiently uniform exitance gradients, introducing potential discretization error into calculated values. Calculations performed by the Visual software assume that all reflected flux is reflected in a perfectly diffuse (Lambertian) and spectrally uniform manner across the

spectral range being analyzed. If actual reflectance characteristics differ from these assumptions, observed luminous and/or radiant power quantities may differ from predicted quantities. As a result of the computational limitations and simplifying modeling assumptions described above, and/or variations in actual product performance from tested product samples, the accuracy of calculated output values identifying expected radiometric quantities and any resulting derived radiation dose calculations may be

In addition, the accuracy of the application design may be adversely affected if information about the physical space provided to Acuity Brands Lighting is incomplete, inaccurate, outdated or not in the required format (including but not limited to floor plans, space layout, reflected ceiling plans, physical structures, electrical design or specifications), if incorrect assumptions are made because of such deficiencies in the information provided, or if typical assumptions made about the depicted physical space are not appropriate for the space. Furthermore, actual field performance may differ from performance calculated using laboratory measurements as the result of miscalculations related to deficiencies in the information provided about the physical space, degradation factors in the end- user environment (including, but not limited to, voltage variation and dirt accumulation), or other possible variations in field conditions. Finally, lamp lumen depreciation and/or depreciation in lamp radiant intensity may result in performance over time that differs from performance calculated using a new lamp. Light loss factors may

It is the obligation of the end-user to consult with appropriately qualified Professional Engineer(s) to determine whether this application design meets the applicable requirements for performance, code compliance, safety, suitability and effectiveness for use in a particular application. In no event will Acuity Brands Lighting be responsible for any loss resulting from any use of this application design.

have been used in the application design to estimate such depreciation, but flaws in these estimates may also result in performance over time that differs from

1 of 1

Sydney Schroeder

06/06/2022

Drawing No. 190545-4 A1

Date

Scale

As Shown

Summary