Appendix A Project Plans



SITE PLAN AND DESIGN REVIEW

CONTACT INFORMATION OWNER: RAMONA OPPOTUNITY, LLC

CONTACT: TODD SHELLER PHONE: (559) 441-1900 EXT. 3071

VEGAS BUILDS, INC.

CONTACT: DAVID DAILEY

ROACH + CAMPBELL

PHONE: (559) 255-8992

CIVIL ENGINEER: PHONE: (916) 704-2768

MORTON & PITALO, INC.

ARCHITECT:

LANDSCAPE ARCHITECT:

CONTACT: GREGORY J. BARDINI PHONE: (916) 496-8763

CONTACT: JESSIE LETT PHONE: (510) 541-1166

ELECTRICAL ENGINEER: HOWE ELECTRIC CONSTRUCTION, INC.

CONTACT: TY HOWE

GENERAL NOTES

A. THESE GENERAL NOTES APPLY TO THE CONSTRUCTION DOCUMENTS AND
SHALL GOVERN UNLESS NOTED OTHERWISE BY GENERAL NOTES OR KEYNOTES
ON SPECIFIC SHEETS.

OF

B. COORDINATE ALL PROJECT PHASING WITH OWNER OR AS SPECIFIED AND/OR SHOWN ON THE DRAWINGS.

C. PROVIDE A SAFE MEANS OF EGRESS AROUND THE SITE PER APPLICABLE CODES AT ALL TIMES DURING THE CONSTRUCTION PROCESS.

D. MINIMIZE NOISE TO LEVEL ACCEPTABLE WITH THE OWNER. SCHEDULE TASKS CREATING EXCESSIVE NOISE OR NEAR SENSITIVE AREAS WITH THE OWNER.

E. PROVIDE DUST CONTROL BETWEEN CONSTRUCTION AREAS AND OCCUPIED AREAS AT ALL TIMES AS SPECIFIED

F. NOTIFY ARCHITECT PROMPTLY IF INFORMATION SHOWN IN ONE CONSTRUCTION DOCUMENT CONFLICTS WITH INFORMATION SHOWN ON ANOTHER.

G. NOTIFY ARCHITECT PROMPTLY IF CONSTRUCTION DOCUMENTS ARE INCONSISTENT WITH THE CURRENT APPLICABLE CODES AND REGULATIONS.

H. NOTIFY ARCHITECT PROMPTLY IF ANY EXISTING CONDITIONS CONFLICT WITH THE CONSTRUCTION DOCUMENTS.

I. ALL BUILDINGS MUST BE PROTECTED BY AN APPROVED MONITORED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE TO NFPA 13, CFC, CBC AND THE CITY OF SACRAMENTO MUNICIPAL CODE SECTION 15.24. SEE FUTURE SUBMISSION FOR FIRE SUPPRESSION SYSTEMS FOR APPROVAL.

PROJECT INFORMATION

PROJECT NAME: RAMONA OPPORTUNITY INDUSTRIAL

PROJECT DESCRIPTION:

THE PROJECT CONSISTS OF A 2-STORY 67,612 SF MIXED-USE OFFICE AND WAREHOUSE FACILITY WITH A 6,476 SF MEZZANINE ON A 5.753 ACRE SITE (PARCEL #2) LOCATED ON RAMONA AVENUE AND CUCAMONGA AVENUE.

THERE IS A RECENTLY LOT LINE ADJUSTMENT THAT GOT APPROVED AND RECORDED UNDER DOC #202408140554. CURRENT APN NUMBER: PARCEL #2 - 079-0281-018, 079-0281-022, 079-0281-017 FUTURE APN NUMBER CHANGES PENDING FROM ASSESSOR OFFICE.

THE PROPOSED BUILDINGS AND SITES ARE GENERALLY IN COMPLIANT WITH THE FOLLOWING:

FAR REQUIREMENT: 0.25-2.0 (GENERAL PLAN 2035)

ZONING: MRD-SWR (MANUFACTURING, RESEARCH & DEVELOPMENT) WITH A SWR (SOLID WASTE RESTRICTED) OVERLAY

SPECIFIC AREA PLAN: 65TH STREET AREA PLAN / INNOVATION SPECIFIC PLAN

GENERAL PLAN DESIGNATION PER CURRENT ZONING

SETBACK INFO/COMPLIANC

- MIN. FRONT YARD SETBACK: 5'; MAX. FRONT YARD SETBACK: 110'; MIN. STREET SITE YARD SETBACK: 5'; MAX. STREET SIDE YARD SETBACK: 100'; NO INTERIOR SIDE-YARD SETBACK; NO REQUIRED MIN. REAR-YARD SETBACK.
- LANDSCAPE SETBACK: 25' MIN. (FRONT); 25' MIN. (STREET SIDE); 10' MIN. (INTERIOR SIDE); 10' MIN. (REAR)

OF PARKING SPACES/EV SPACES/ACCESSIBLE SPACES:
- PARCEL 2: TOTAL 134 PARKING SPACES; 25 EV CAPABLE SPACES INCLUDING 12 EV CHARGING STATIONS; 5 ACCESSIBLE PARKING SPACES WHICH INCLUDE 4 STANDARD ADA STALLS AND 1 ACCESSIBLE VAN STALL

BOTH SITES WILL INCLUDE ALL ASSOCIATED SITE IMPROVEMENTS INCLUDING SURFACING, PARKING, LANDSCAPING, SITE UTILITIES, AND SITE LIGHTING. SITE IMPROVEMENT AND BUILDING BUILT-OUT WILL BE SUBMITTED UNDER A SEPARATE FUTURE SUBMITTAL.

DRAWING INDEX

G-001	COVER SHEET
ARCHITECTURAL	
AS101-SPR	ARCHITECTURAL SITE PLAN
AS101F-SPR	FIRE LANE SITE PLAN
AS301-SPR	SIGHT LINE SECTION
A-101-SPR	OVERALL FLOOR PLAN - 1ST FLOOR
A-102-SPR	OVERALL FLOOR PLAN - 2ND FLOOR
A-104-SPR	OVERALL ROOF PLAN
A-201-SPR	EXTERIOR BUILDING ELEVATIONS
CIVIL	
C-1	PRELIMINARY SITE PLAN
C-2	PRELIMINARY GRADING & DRAINAGE PLAN
C-3	PRELIMINARY UTILITY PLAN
LANDSCAPE	
L1.0 - SPR	LANDSCAPE PLAN
L1.1 - SPR	PARKING LOT SHADE CALCULATION
ELECTRICAL	
E001	LEGENDS, NOTES & SCHEDULE
E010	SINGLE LINE DIAGRAM
E020A	PANEL SCHEDULES
E040	SITE DETAILS
E100	ELECTRICAL SITE PLAN
E101	PHOTOMETRIC SITE PLAN
E401	TITLE 24 COMPLIANCE SITE

PACKAGE	PACKAGE DESCRIPTION	
1.0	PRELIMINARY APPLICATION PACKAGE	
2.0	SITE PLAN AND DESIGN REVIEW PACKAGE	
3.0	SITE PLAN AND DESIGN REVIEW PACKAGE - 2ND SUBMITTAL	

SUBMISSION PACKAGE HISTORY

06/11/2024

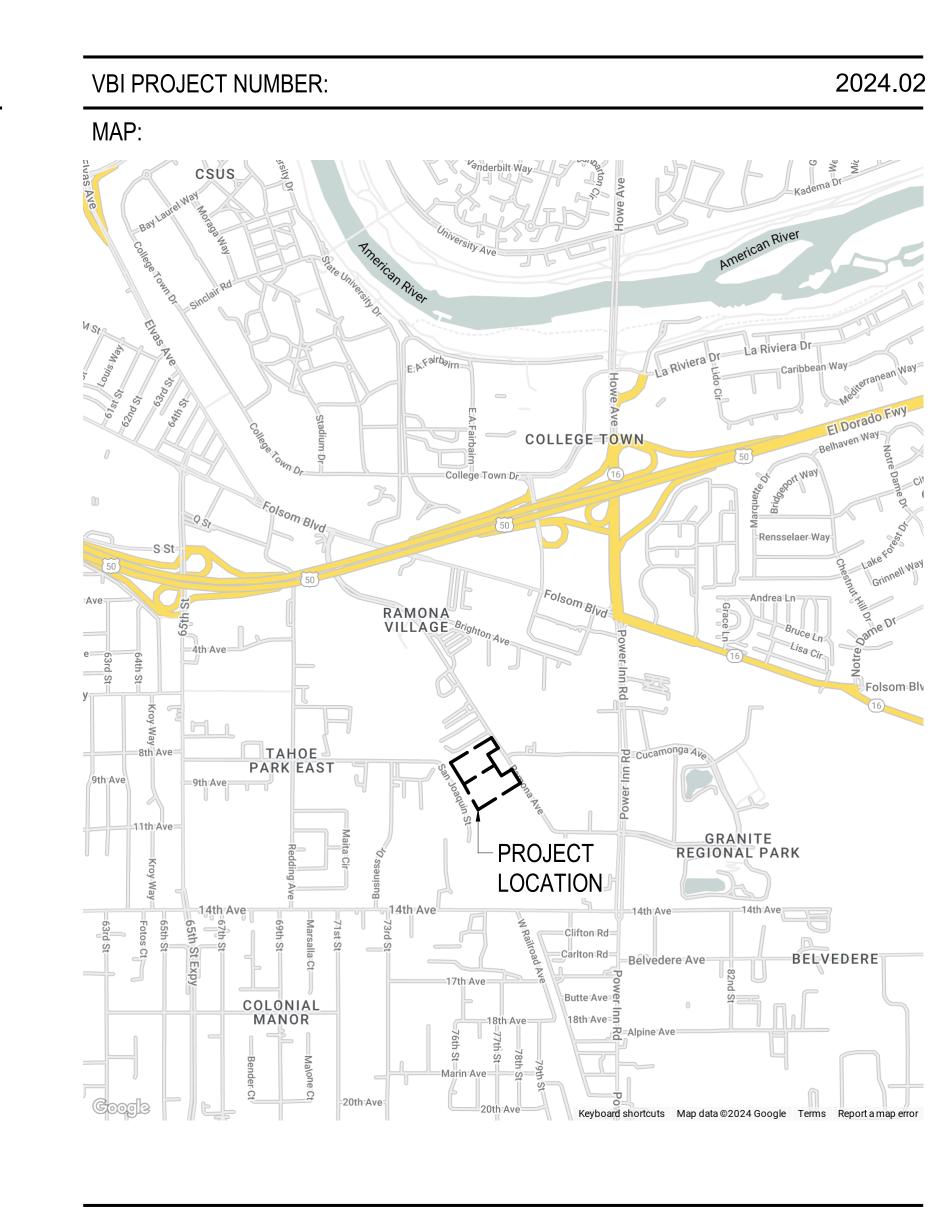
08/28/2024

12/20/2024

RAMONA OPPORTUNITY INDUSTRIAL

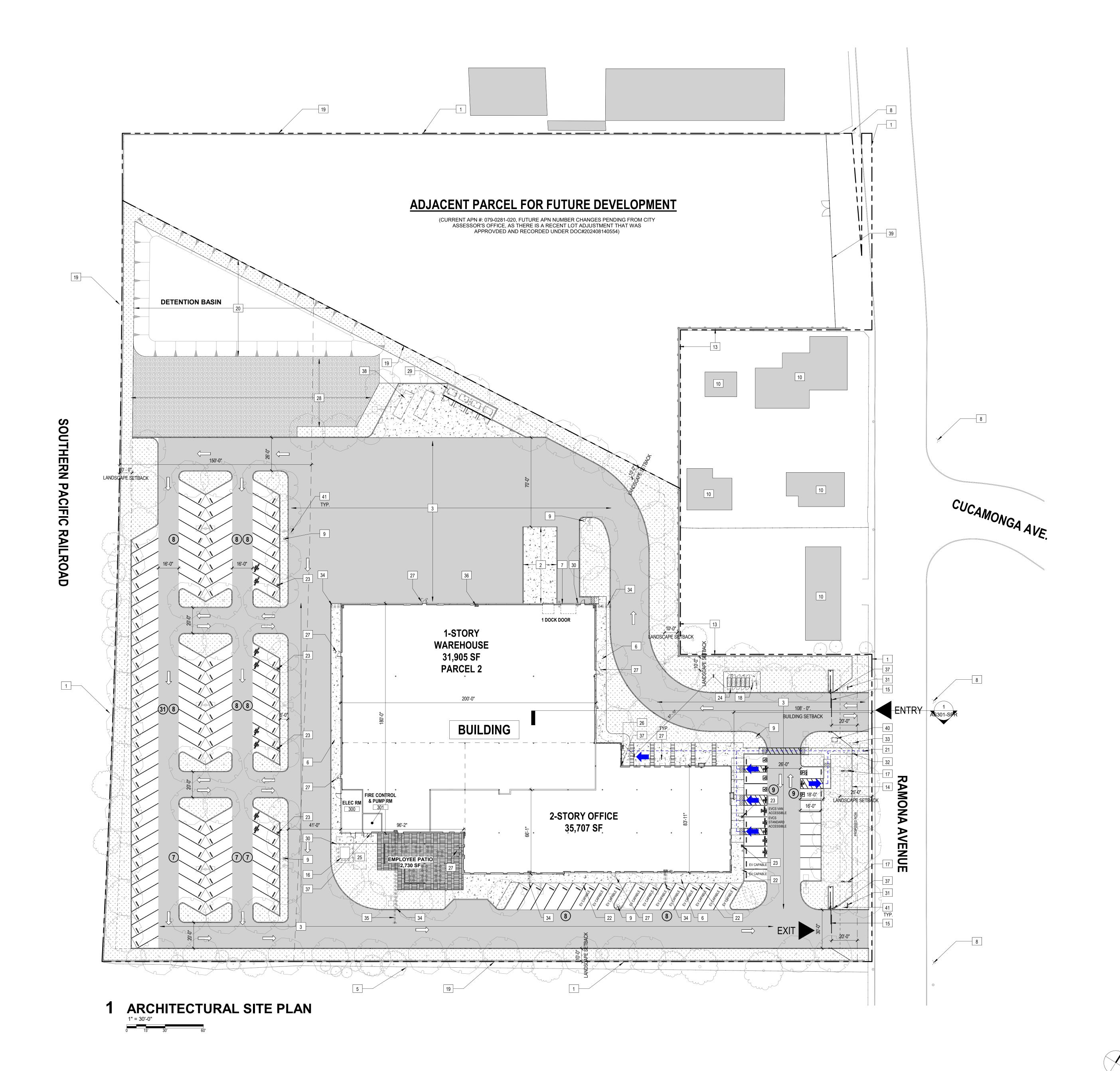
RAMONA AVENUE SACRAMENTO, CA 95826





COVER SHEET G-001

DECEMBER 20, 2024



SITE AND BULIDING SUMMARY

SITE
THERE IS A RECENT LOT LINE ADJUSTMENT THAT WAS APPROVED AND RECORDED UNDER DOC #202408140554. CURRENT APN NUMBER:

PARCEL #: 079-0281-018, 079-0281-022, 079-0281-017 FUTURE APN NUMBER CHANGES PENDING FROM ASSESSOR'S OFFICE.

LOT SIZE: 5.753 ACRES+/-

BUILDING AREA: 67,612 SF

4 SPACES PROVIDED

LEGEND

24. EXTERIOR LONG TERM BIKE LOCKERS 25. BATTERY STORAGE SHED/ENCLOSURE

28. GRAVEL AREA 29. TRASH ENCLOSURE

31. ACCESSIBLE ENTRY SIGN 32. (N) PEDESTRIAN METAL GATE

36. ROOF DRAIN THROUGH WALL

38. 20 YARD ROLL-OFF DUMPSTERS

PERMIT #: SUB-2426137

26. OVERHEAD MAIN CANOPY FOR WEATHER PROTECTION 27. OVERHEAD CANOPIES. SEE ELEVATION FOR MORE INFO

30. CONC. FILLED GUARD POST 6" DIA. U.N.O. 48" H

34. CURB-O-LET. SEE CIVIL DWGS FOR MORE INFORMATION

40. IRRIGRATION PUMP, SEE LANDSCAPE DRAWINGS FOR DETAILS

41. LIGHT POLES, SEE ELECTRICAL DRAWINGS FOR DETAILS

33. APPROXIMATE LOCATION OF FUTURE MONUMENT SIGNAGE. SEE ELEC DWGS FOR UNDERGROUND ELECTRICAL J-BOX

39. (E) TEMPORARY 6' CHAINLINK FENCE, UNDER SEPARATE FENCING PACKAGE SUBMITTAL, PLANNING REVIEW #: PLN24-04874;

35. UNDERGROUND ROOF DRAIN PIPE CONNECTED TO DETENTION BASIN. SEE CIVIL DWGS FOR MORE INFORMATION

ZONING: MRD (Manufacturing, Research & Development) WITH A SWR (Solid Waste Restricted) OVERLAY

GENERAL PLAN DESIGNATION: EMPLOYMENT CENTER MID RISE FLOOR AREA RATIO: 0.25-2.0 (PER CITY OF SACRAMENTO 2035 GENERAL PLAN) LOT COVERAGE: 70% MAX (PER CITY OF SACRAMENTO 2035 GENERAL PLAN)

BUILDING GROSS SQ. FT.: 67,612 SF (31,905 SF WAREHOUSE + 35,707 SF OFFICE) OCCUPANCY: B & F1 (PER 2022 CBC 304.1) CONSTRUCTION TYPE: II-B NUMBER OF STORIES: 1 STORY WAREHOUSE + 2 STORIES OFFICE

BUILDING HEIGHT: 37' (COMPLY WITH ZONING CODE 17.220.625 - MRD ZONE - 15' TO 75') PARKING REQUIREMENTS (PER CITY OF SACRAMENTO TITLE 17 - TABLE 17.608.030B): PARKING DISTRICT: URBAN DISTRICT

TOTAL PARKING SPACES REQUIRED (PER TABLE 17.608.030B): OFFICE - 1/2000 (MIN); 1/250 (MAX) - 35,707 SF/2000 = 18 (MIN); 35,707 SF/250 = 142 (MAX) WAREHOUSE - 1/4000 (MIN); 1/500 (MAX) - 31,905 SF/4000 = 8 (MIN); 31,905 SF/500 = 64 (MAX) TOTAL 26 SPACES MIN; 206 SPACES MAX TOTAL PARKING SPACES PROVIDED: TOTAL 134 SPACES

STANDARD PARKING SPACES (9' X 18') = 129 SPACES PROVIDED

TOTAL ACCESSIBLE PARKING SPACES (FOR TOTAL # OF 101-150 SPACES): 5 SPACES REQUIRED; 5 SPACES PROVIDED ACCESSIBLE PARKING SPACES (9'X18' WITH 5' ACCESS AISLE) PER 2022 CBC TABLE 11B-208.2:

ACCESSIBLE VAN SPACES (9' X 18' WITH 8' ACCESS AISLE) PER 2022 CBC TABLE 11B-208.3: 1 SPACE PROVIDED

ELECTRICAL VEHICLE (EV) SPACES (PER CGBSC 5.106.5.3.1 & TABLE 5.106.5.3.1):

FOR TOTAL # OF 101-105 PARKING SPACES: 25 EV CAPABLE SPACES REQUIRED; 25 EV CAPABLE SPACES PROVIDED WITHIN 25 SPACES, 6 EV CHARGING STATIONS (EVCS) REQUIRED 12 EV CHARGING STATIONS (EVCS) PROVIDED

1 ACCESSIBLE VAN EVCS REQUIRED; 1 ACCESSIBLE VAN EVCS PROVIDED 1 ACCESSIBLE STANDARD EVCS REQUIRED; 1 ACCESSIBLE STANDARD EVCS PROVIDED BICYCLE PARKING SPACES REQUIRED (PER CITY TITLE 17 - TABLE 17.608.030C): LONG TERM BICYCLE PARKING REQUIRED: FOR WAREHOUSE: 3 SPACES REQUIRD; 4 SPACES PROVIDED

ACCESSIBLE VAN AND STANARD EVCS (PER CBC 11B-228.3 & TABLE 11B-228.3.2.1):

FOR OFFICE: 6 SPACES REQUIRED; 6 SPACES PROVIDED SHORT TERM BICYCLE PARKING REQUIRED: FOR WAREHOUSE: 2 SPACES REQUIRED; 2 SPACES PROVIDED 2 SPACES REQUIRED; 2 SPACES PROVIDED

RAMONA OPPORTUNITY

RAMONA OPPORTUNITY **INDUSTRIAL**

RAMONA AVENUE SACRAMENTO, CA 95826

ARCHITECT OF RECORD:



VEGAS BUILDS, INC. 12893 ALCOSTA BLVD. SUITE N SAN RAMON, CA 94583 (650) 223-3188

CIVIL ENGINEER OF RECORD: MORTON & PITALO, INC. 600 COOLIDGE DRIVE, SUITE 140 FOLSOM, CA 95630 (916) 984-7621

LANDSCAPE ARCHITECT OF RECORD: ROACH + CAMPBELL 947 ENTERPRISE DRIVE LOFT B SACRAMENTO, CA 95825

ELECTRICAL ENGINEER OF RECORD: HOWE ELECTRIC 4682 E. OLIVE AVENUE FRESNO, CA 93702

NO. DATE ISSUE
11/27/2024 SPR (MPM) - BACKCHECK 1

(916) 827-4020

(559) 255-8992

* * * * * * * * * * * * * * * * * * *	LANDSCAPE; SEE LANDSCAPE DRAWINGS.		PROPERTY LINE				
4 4 4	HARDSCAPE	1	SHEET NOTES				
	DRIVE AISLE		ACCESSIBLE ROUTE				
	TRUNCATED DOMES	40	ACCESSIBLE PARKING STALL (9' X 18') + 5' W/				
	GRAVEL		ACCESSIBLE AISLE				
1 STANDARD	PARKING STALLS		ACCESSIBLE PARKING (VAN) STALL (9' X 18') +				
	STANDARD PARKING STALL 9' X 18'	40	8' W/ ACCESSIBLE AISLE				
1	STANDARD PARKING STALL 9' X 16' + 2" OVERHANG		STANDARD DIAGONAL PARKING STALL 60°				
EV CAPABLE	CONDUIT STUB FOR FUTURE EV CHARGER	/ / /	ANGLE (9' X 19')				
L NO NAS NAS NAS NAS NAS NAS NAS NAS NAS NAS	EV WITH EVSE						
<u> </u>							
SHEET N	IOTES						
PROPERTY LINE, TYP.							
2. HEAVY BROOM FINISH CO	NCRETE PAVEMENT.						
3. ASPHALT CONCRETE (AC)	PAVING.						
4. ACCESSIBLE PATH OF TRA	AVEL						
5. (E) CHAIN LINK FENCE.							
6. CONCRETE WALKWAY, ME	EDIUM BROOM FINISH.						
7. 12' X 14' DRIVE-IN DOOR.							
8. (E) FIRE HYDRANT.							
9. (N) FIRE HYDRANT.							
10. (E) ADJACENT BUILDING/ H	10. (E) ADJACENT BUILDING/ HOUSES (OUTSIDE OF PROJECT AERA)						
11. FUTURE CITY ROAD AND ASSOCIATED EASEMENT (HATCH AREA)							
12. 9'X10' GRADE LEVEL DOOR							
13. (N) 8' TALL CMU SCREEN WALL							
14. (N) 8' TALL WROUGHT IRON METAL FENCE WITH SECURED FEATURE							
15. (N) 8' TALL MOTORIZED METAL SLIDING GATE							
16. APPROXIMATE LOCATION OF TRANSFORMER. SEE ELECTRICAL DRAWINGS FOR MORE INFO.							
17. BACKFLOW PREVENTER							
18. EXTERIOR SHORT TERM BIKE RACKS							
19. (N) 8' BLACK CHAIN LINK W	/ITH BLACK SLATS						
20. DETENTION BASIN PER CI	VIL DWGS						
21. PEDESTRIAN WALKWAY TO	21. PEDESTRIAN WALKWAY TO PUBLIC RIGHT OF WAY						
22. UNDERGROUND ELECTRICAL J-BOX FOR EV CAPABLE SPACES, CAP FLUSH WITH GROUND. SEE ELECTRICAL DWGS FOR MORE INFO.							

VBI PROJECT No: 2024.02

DRAWING TITLE:

ARCHITECTURAL SITE PLAN

SCALE: As indicated

SC

LEGEND

FIRE APPURATUS ACCESS ROAD. 20' WIDE MINIMUM. WITH 35' RADIUS INSIDE AND 55' RADIUS OUTSIDE.



FIRE AERIAL APPURATUS ACCESS ROAD. 26' WIDE MINIMUM. LOCATED NOT LESS THAN 15 FEET AND NOT GREATER THAN 30 FEET FROM BUILDING

"NO PARKING FIRE LANE" RED PAINTED FIRE LANE CURBS RAMONA OPPORTUNITY LLC

RAMONA OPPORTUNITY INDUSTRIAL

RAMONA AVENUE SACRAMENTO, CA 95826

ARCHITECT OF RECORD:

VEGAS BUILDS, INC.
12893 ALCOSTA BLVD. SUITE N

SAN RAMON, CA 94583 (650) 223-3188 <u>CIVIL ENGINEER OF RECORD:</u> MORTON & PITALO, INC. 600 COOLIDGE DRIVE, SUITE 140

FOLSOM, CA 95630

(916) 984-7621

LANDSCAPE ARCHITECT OF RECORD:
ROACH + CAMPBELL
947 ENTERPRISE DRIVE LOFT B

ROACH + CAMPBELL 947 ENTERPRISE DRIVE LOFT B SACRAMENTO, CA 95825 (916) 827-4020

ELECTRICAL ENGINEER OF RECORD: HOWE ELECTRIC 4682 E. OLIVE AVENUE FRESNO, CA 93702 (559) 255-8992

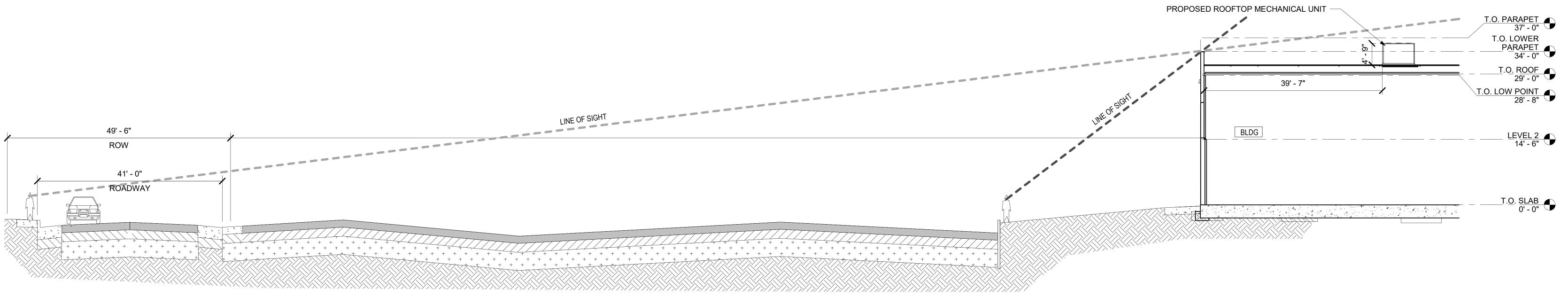
NO. DATE ISSUE
11/27/2024 SPR (MPM) - BACKCHECK 1

VBI PROJECT No: 2024.02

FIRE LANE SITE
PLAN

SCALE: As indicated

AS101F-SPR



1 SIGHT LINE SECTION
1" = 10'-0"

RAMONA OPPORTUNITY

RAMONA OPPORTUNITY **INDUSTRIAL**

> RAMONA AVENUE SACRAMENTO, CA 95826

ARCHITECT OF RECORD:

vegas builds

VEGAS BUILDS, INC. 12893 ALCOSTA BLVD. SUITE N SAN RAMON, CA 94583 (650) 223-3188

CIVIL ENGINEER OF RECORD: MORTON & PITALO, INC. 600 COOLIDGE DRIVE, SUITE 140 FOLSOM, CA 95630 (916) 984-7621

LANDSCAPE ARCHITECT OF RECORD: ROACH + CAMPBELL 947 ENTERPRISE DRIVE LOFT B SACRAMENTO, CA 95825 (916) 827-4020

ELECTRICAL ENGINEER OF RECORD: HOWE ELECTRIC 4682 E. OLIVE AVENUE FRESNO, CA 93702 (559) 255-8992

	NO.	DATE	ISSUE
			SPR (MPM) - BACK
-			
-			

VBI PROJECT No: 2024.02

DRAWING TITLE: SIGHT LINE SECTION

AS301-SPR



1 OVERALL FLOOR PLAN - 1ST FLOOR

GENERAL NOTES

- 1. FIRE HOSE LOCATIONS SHALL BE APPROVED PER FIRE DEPARTMENT
- 2. SEE CIVIL DRAWINGS FOR FINISH SURFACE ELEVATIONS
- 3. THE BUILDING FLOOR SLAB IS FLAT, SEE CIVIL
- ALL DIMENSIONS ARE TO THE FACE OF CONCRETE PANEL WALL, GRIDLINE, OR FACE OF STUD U.N.O.
- 5. SEE CIVIL DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES

RAMONA OPPORTUNITY LLC

RAMONA OPPORTUNITY INDUSTRIAL

RAMONA AVENUE SACRAMENTO, CA 95826

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	11/27/2024	SPR (MPM) - BACKCHECK 1

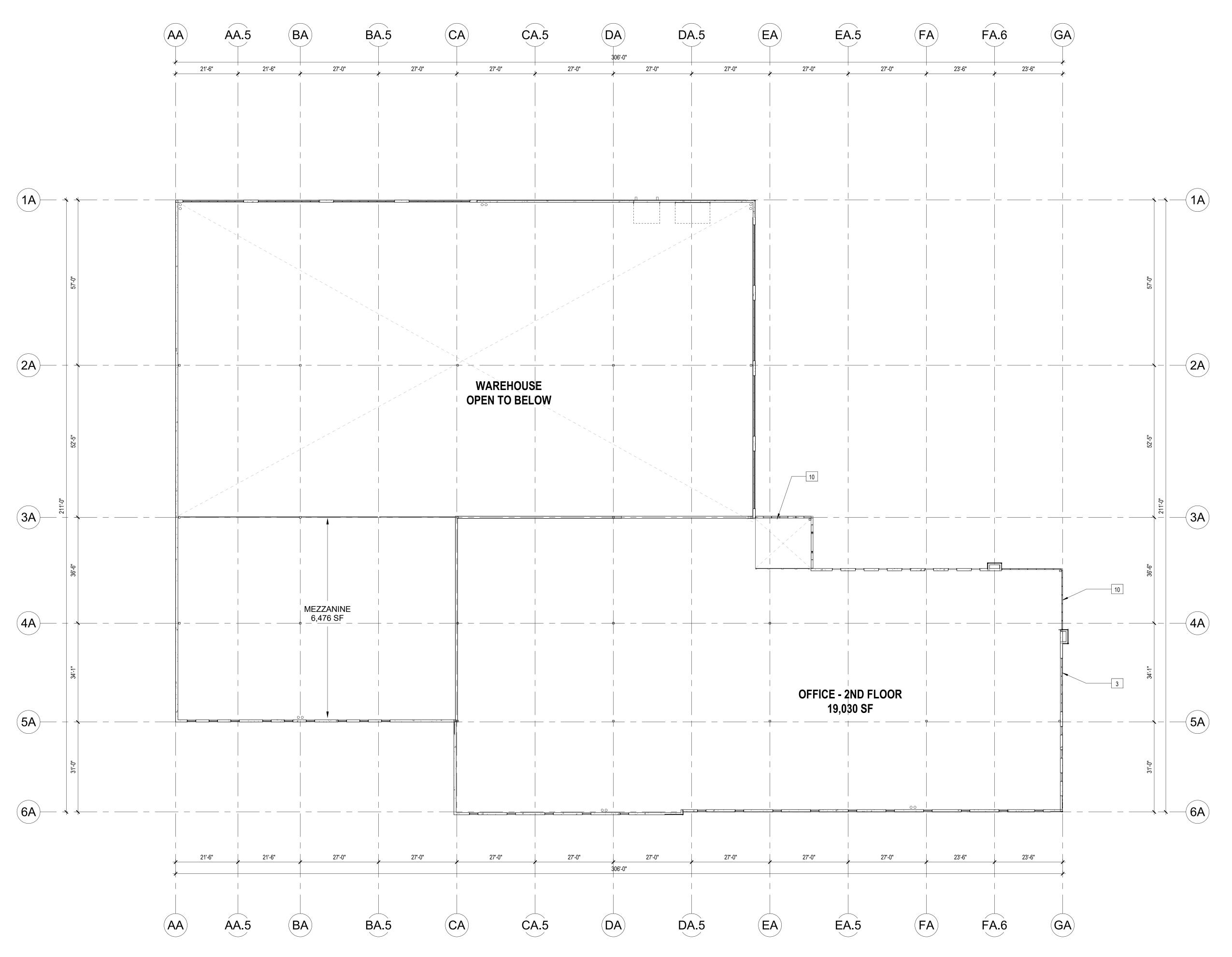
- SHEET NOTES
- CONCRETE TILT-UP PANEL, TYP. AROUND BUILDING ENVELOPE, U.N.O.
 COLUMN.
- 3. TYPICAL STOREFRONT SYSTEM WITH GLAZING, TYP.
- 4. 9' X 10' DOCK DOOR, SECTIONAL O.H., STANDARD GRADE. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
- 5. DOCK DOOR BUMPER.
- 6. 12' X 14' DRIVE THRU. SECTIONAL O.H., STANDARD GRADE. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
- 7. 3' X 8' EXTERIOR DOOR. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
- 8. CONC. FILLED GUARD POST. 6" DIA. U.N.O.. 48" H.9. PRE-FABRICATED OVERHEAD CANOPIES. SEE ELEVATION FOR MORE INFORMATION.
- 10. CURTAIN WALL SYSTEM.
- 11. 9' X 10' KNOCK-OUT PANEL FOR FUTURE DOCK DOOR.
- 12. OVERHEAD MAIN CANOPY FOR WEATHER PROTECTION
- 13. 9' X 9' STOREFRONT ROLL UP DOOR
- 14. 12' X 14' KNOCKOUT FOR FUTURE GRADE LEVEL DOOR

VBI PROJECT No: 2024.02

OVERALL FLOOR
PLAN - 1ST FLOOR

A-101-SPR





1 OVERALL FLOOR PLAN - 2ND FLOOR

GENERAL NOTES

- 1. FIRE HOSE LOCATIONS SHALL BE APPROVED PER FIRE DEPARTMENT
- 2. SEE CIVIL DRAWINGS FOR FINISH SURFACE ELEVATIONS
- 3. THE BUILDING FLOOR SLAB IS FLAT, SEE CIVIL
- ALL DIMENSIONS ARE TO THE FACE OF CONCRETE PANEL WALL, GRIDLINE, OR FACE OF STUD U.N.O.
- FACE OF STUD U.N.O.

 5. SEE CIVIL DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES

RAMONA OPPORTUNITY LLC

RAMONA OPPORTUNITY INDUSTRIAL

RAMONA AVENUE SACRAMENTO, CA 95826

ARCHITECT OF RECORD:



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ELECTRICAL ENGINEER OF RECORD: HOWE ELECTRIC 4682 E. OLIVE AVENUE FRESNO, CA 93702 (559) 255-8992

NO.	DATE	ISSUE
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SHEET NOTES

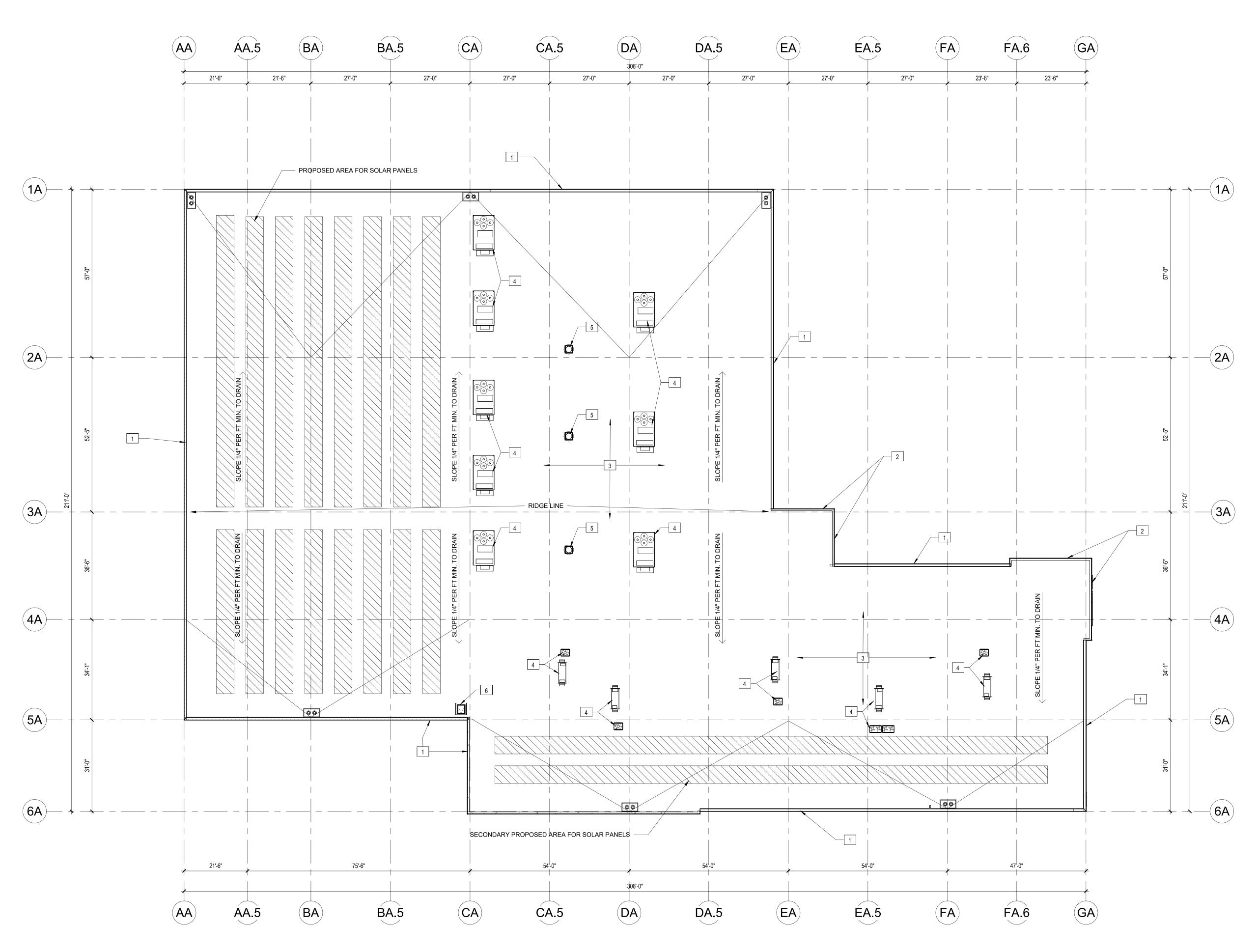
- 1. CONCRETE TILT-UP PANEL, TYP. AROUND BUILDING ENVELOPE, U.N.O.
- 2. COLUMN.
- 3. TYPICAL STOREFRONT SYSTEM WITH GLAZING, TYP.
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- 14. 12' X 14' KNOCKOUT FOR FUTURE GRADE LEVEL DOOR

VBI PROJECT No: 2024.02

OVERALL FLOOR
PLAN - 2ND FLOOR

A-102-SPR





1 OVERALL ROOF PLAN
1/16" = 1'-0"

ROOF SHEET NOTES

- 1. CONCRETE PARAPET
- 2. METAL PARAPET
- TPO SINGLE PLY ROOFING
 PROPOSED ROOFTOP MECHANIC
- 4. PROPOSED ROOFTOP MECHANICAL UNITS
- 5. PROPOSED EXHAUST FAN6. 3'-0" X 6'-0" ROOF HATCH

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ELECTRICAL ENGINEER OF RECORD: HOWE ELECTRIC 4682 E. OLIVE AVENUE FRESNO, CA 93702 (559) 255-8992

NO. DATE ISSUE

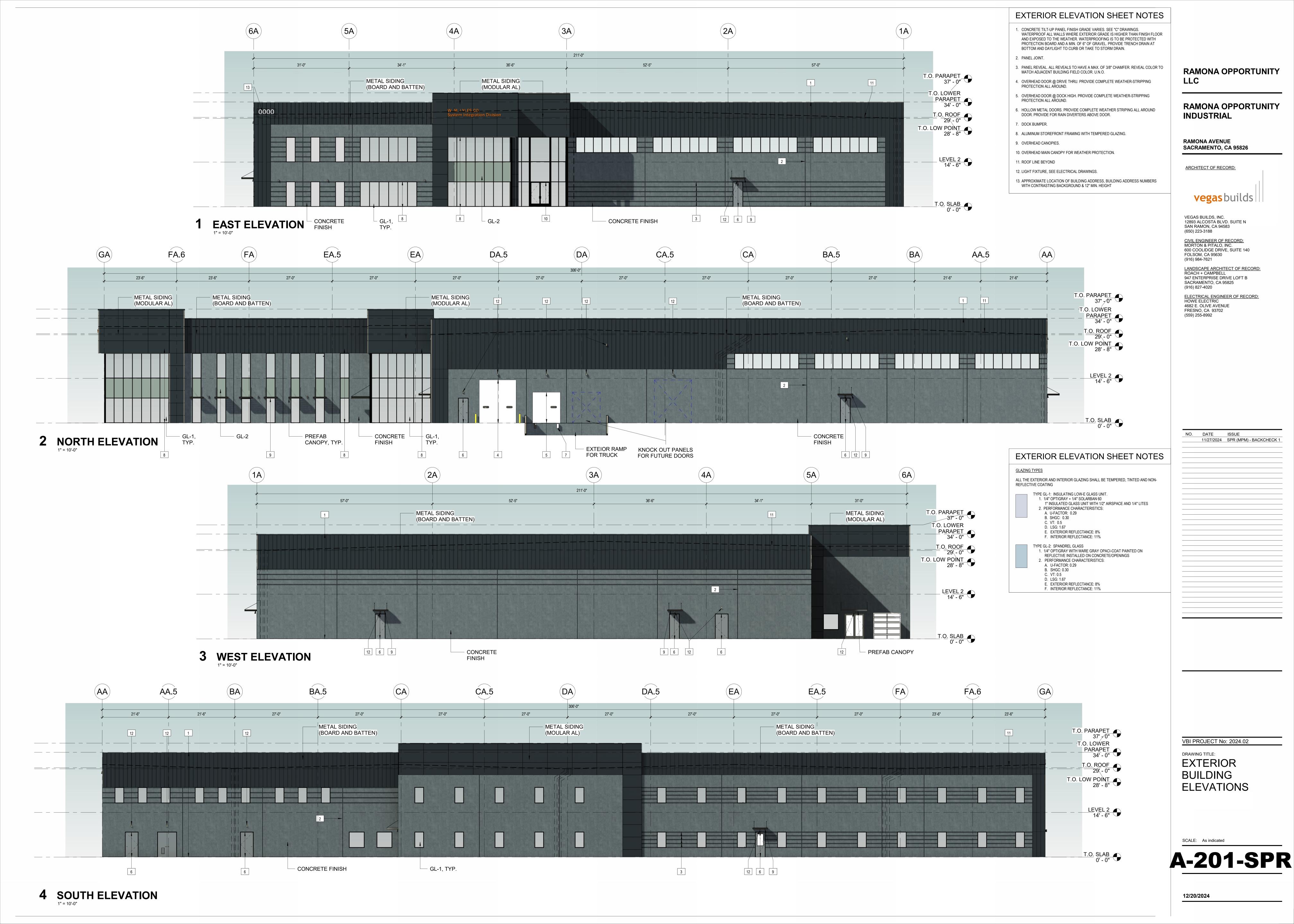
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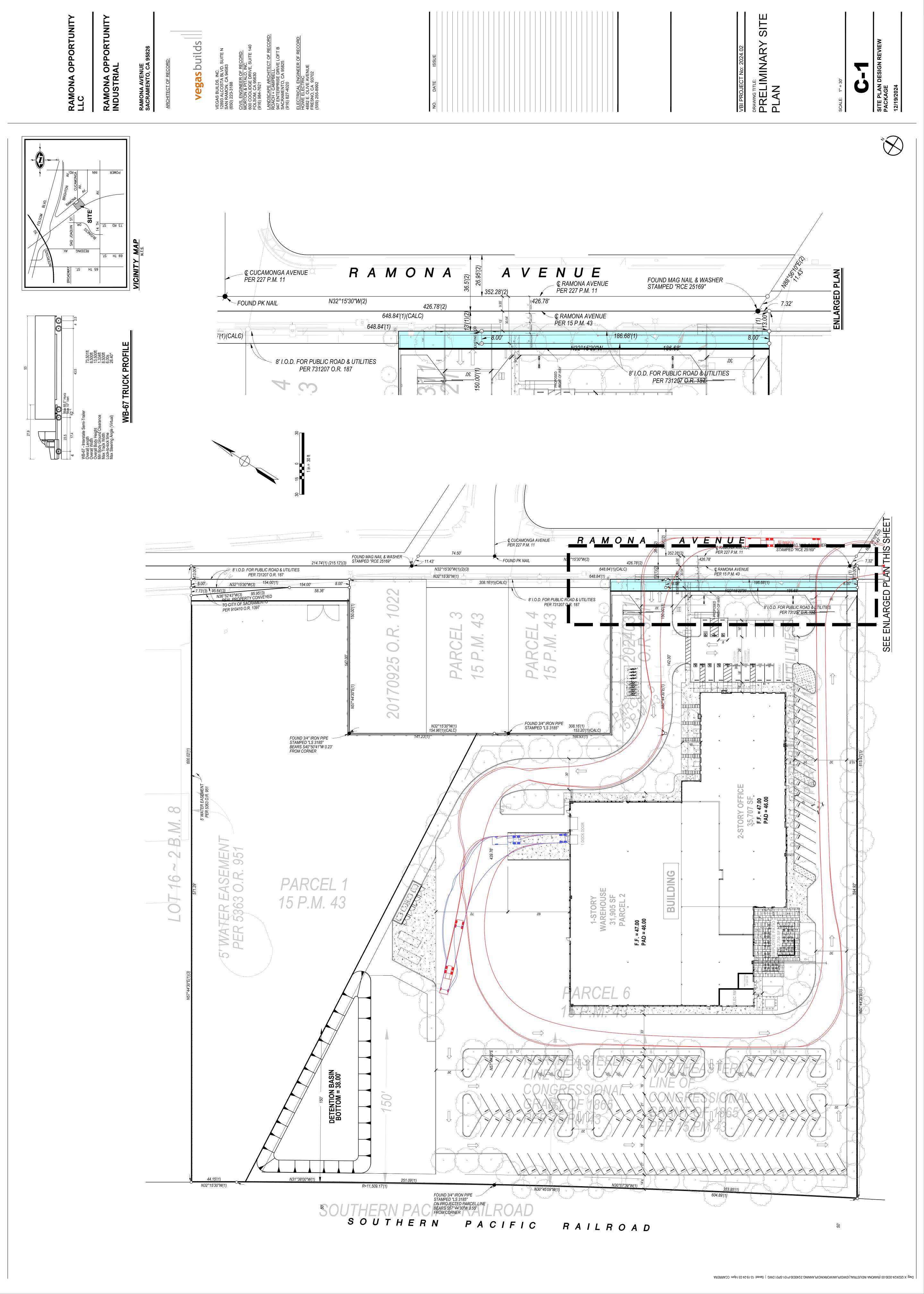
VBI PROJECT No: 2024.02

DRAWING TITLE:
OVERALL ROOF
PLAN

SCALE: As indicated

A-104-SPR





RAMONA OPPORTUNITY LLC

RAMONA OPPORTUNITY INDUSTRIAL

RAMONA AVENUE SACRAMENTO, CA 95826

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(916) 984-7621

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ELECTRICAL ENGINEER OF RECORD: HOWE ELECTRIC 4682 E. OLIVE AVENUE FRESNO, CA 93702 (559) 255-8992

NO. DATE ISSUE

VBI PROJECT No: 2024.02

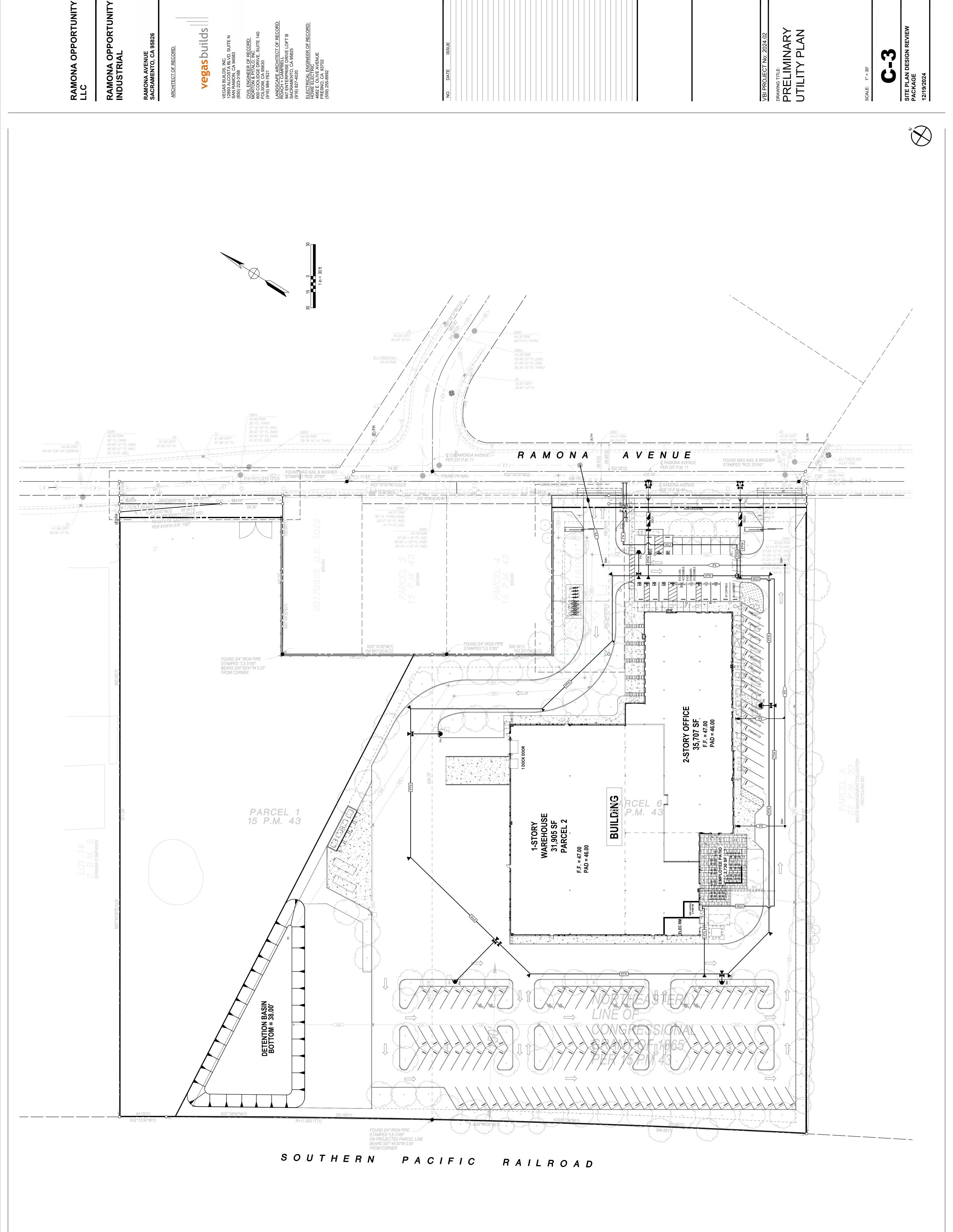
PRELIMINARY
GRADING &
DRAINAGE PLAN

CALE: 1" = 30"

C-2

SITE PLAN DESIGN REVIEW PACKAGE

4/24-0030-00 (RAMONA INDUSTRIAL)/DWG/PLAN/WORKING/PLANNING 2/240030-P102-GR01.DWG | Saved: 12-19-24



Dwg: X:\2024\24-0030-00 (RAMONA INDUSTRIAL)\DWG\PLAN\WORKING\PLANNING 2\240030-P103-UT01.DWG | Saved: 12-19-24 02:02pm CCARRERA



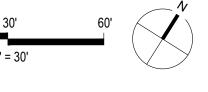
PLANT LIST

CODE	BOTANICAL / COMMON NAME	CONT	
TREES	BROAD CANOPY TREES		
PIS KEI	BROAD CANOPY TREES (30-35') TO PROVIDE SHADE PISTACIA CHINENSIS 'KEITH DAVEY' / KEITH DAVEY CHINESE PISTACHE WUCOLS (L), 25-30' T X W		
PLA COL	PLATANUS X ACERIFOLIA `COLUMBIA` / LONDON PLANE TREE WUCOLS (L), DECIDUOUS, 30-35' T X W	24" BO	X
QUE AGR	QUERCUS AGRIFOLIA / COAST LIVE OAK WUCOLS (VL), 40' H X 40' W	15 GAL	
QUE LOB	QUERCUS LOBATA / VALLEY OAK WUCOLS (L), 50' H X 50' W	15 GAL	
QUE SUB	QUERCUS SUBER / CORK OAK WULCOMS (L), EVERGREEN, 40' H X 40' W	15 GAL	
QUE WIS	QUERCUS WISLIZENI / INTERIOR LIVE OAK WUCOLS (L), EVERGREEN, 50' H X 40' W	24" BO	Χ
ZEL SER	ZELKOVA SERRATA / JAPANESE ZELKOVA WUCOLS (M), DECIDIOUS, 40' H X 40' W	15 GAL	
ARB MRN	MEDIUM CANOPY TREES MEDIUM CANOPY TREES (25-30') FOR SHADE ARBUTUS X 'MARINA' / MARINA STRAWBERRY TREE STANDARD WUCOLS (L). EVERGREEN. 25' H X 25' W.	15 GAL	
CHI LIN	CHILOPSIS LINEARIS / DESERT WILLOW WUCOLS (L). DECIDUOUS. 30' H X 25' W.	15 GAL	
LAG NAT	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' / NATCHEZ CRAPE MYRTLE WUCOLS (L), 25' H X 25' W	15 GAL	
SHRUBS ARC WAY	ARCTOSTAPHYLOS HOOKERI 'WAYSIDE' / WAYSIDE HOOKER'S MANZANITA		5
CEA VAL	WUCOLS (L). MATURE SIZE 6' H X 8' W. CEANOTHUS MARITIMUS 'VALLEY VIOLET' / VALLEY VIOLET MARITIME CEAN	OTHUS	5
CIS PUR	WUCOLS (L). MATURE SIZE 2' H X 4' W. CISTUS X PURPUREUS 'BRILLIANCY' / BRILLIANCY ORCHID ROCK ROSE		5
HES PAR	WUCOLS (L). MATURE SIZE 4' H X 4' W. HESPERALOE PARVIFLORA / RED YUCCA		1
HET ARB	WUCOLS (L). MATURE SIZE 3' H X 3' W. HETEROMELES ARBUTIFOLIA / TOYON		5
	WUCOLS (VL). MATURE SIZE 10' H X 9' W. OLEA EUROPAEA 'LITTLE OLLIE' / LITTLE OLLIE OLIVE		5
RHA EVE	WUCOLS (L). 6' H X 6' W. RHAMNUS CALIFORNICA 'EVE CASE' / EVE CASE COFFEEBERRY		5
	WUCOLS (L). 8' H X 8' W.		5
RHA MIN	RHAPHIOLEPIS UMBELLATA 'MINOR' / DWARF YEDDA HAWTHORN WUCOLS (L). 4' H X 4' W.		
ROS COL SAL CEL	ROSMARINUS OFFICINALIS `COLLINGWOOD INGRAM` / ROSEMARY WUCOLS (L). MATURE SIZE 3' H X 3' W. SALVIA X 'CELESTIAL BLUE' / CELESTIAL BLUE SAGE WUCOLS (L). MATURE SIZE 4' H X 4' W.		5
<u>GRASSES</u> DIA REV	DIANELLA REVOLUTA 'LITTLE REV' / LITTLE REV FLAX LILY WUCOLS (L). MAUTRE SIZE 2' H X 2' W.		5
DIE IRI	DIETES IRIDIOIDES / FORTNIGHT LILY WUCOLS (L). MATURE SIZE 3' H X 3' W.		1
LOM IRA	LOMANDRA LONGIFOLIA 'BREEZE' / BREEZE™ MAT RUSH WUCOLS (L). 3' H X 3' W.		1
<u>PERENNIAL</u> BUL FRU	ACCENTS BULBINE FRUTESCENS / BULBINE WUCOLS (L). MATURE SIZE 3' H X 3' W.		1
FES MAI	FESTUCA MAIREI / ATLAS FESCUE		1
LAV FRE	WUCOLS (L). MATURE SIZE 2' H X 3' W. LAVANDULA DENTATA CANDICANS / FRENCH LAVENDER WUCOLS (L). MATURE SIZE 3' H X 3' W.		1
VINE/ESPAL			
FIC PUM	FICUS PUMILA / CREEPING FIG WUCOLS (M). 15' H X 6' W.		5
PAR TRI	PARTHENOCISSUS TRICUSPIDATA / BOSTON IVY WUCOLS (M), 25' H X 8' W		Ę
CODE	BOTANICAL / COMMON NAME		(
	OVERS ARCTOSTAPHYLOS X 'EMERALD CARPET' / EMERALD CARPET MANZANITA		,
	WUCOLS (L)		
ARC ECP			
ARC ECP BAC PIG	WUCOLS (L) BACCHARIS PILULARIS 'PIGEON POINT' / PIGEON POINT COYOTE BRUSH	IA	
ARC ECP BAC PIG BOU BLO	WUCOLS (L) BACCHARIS PILULARIS 'PIGEON POINT' / PIGEON POINT COYOTE BRUSH WUCOLS (L) BOUTELOUA GRACILIS 'BLONDE AMBITION' / BLONDE AMBITION BLUE GRAM		1
ARC ECP BAC PIG BOU BLO GRE XRO	WUCOLS (L) BACCHARIS PILULARIS 'PIGEON POINT' / PIGEON POINT COYOTE BRUSH WUCOLS (L) BOUTELOUA GRACILIS 'BLONDE AMBITION' / BLONDE AMBITION BLUE GRAM WUCOLS (L) GREVILLEA X 'POORINDA ROYAL MANTLE' / POORINDA ROYAL MANTLE GRE		1
GROUND CO ARC ECP BAC PIG BOU BLO GRE XRO JUN BLU MYO PAR	WUCOLS (L) BACCHARIS PILULARIS 'PIGEON POINT' / PIGEON POINT COYOTE BRUSH WUCOLS (L) BOUTELOUA GRACILIS 'BLONDE AMBITION' / BLONDE AMBITION BLUE GRAN WUCOLS (L) GREVILLEA X 'POORINDA ROYAL MANTLE' / POORINDA ROYAL MANTLE GREWUCOLS (L) JUNIPERUS HORIZONTALIS 'BLUE CHIP' / BLUE CHIP CREEPING JUNIPER		1
ARC ECP BAC PIG BOU BLO GRE XRO JUN BLU	WUCOLS (L) BACCHARIS PILULARIS 'PIGEON POINT' / PIGEON POINT COYOTE BRUSH WUCOLS (L) BOUTELOUA GRACILIS 'BLONDE AMBITION' / BLONDE AMBITION BLUE GRAM WUCOLS (L) GREVILLEA X 'POORINDA ROYAL MANTLE' / POORINDA ROYAL MANTLE GREWUCOLS (L) JUNIPERUS HORIZONTALIS 'BLUE CHIP' / BLUE CHIP CREEPING JUNIPER WUCOLS (L) MYOPORUM PARVIFOLIUM / TRAILING MYOPORUM		1 1 1 1

LANDSCAPE DESIGN STATEMENT

The proposed landscape screens the property at the perimeters, buffers incompatible uses, provides shade to the paved areas and around building, utilizes accent planting to highlight pedestrian routes and the street frontage, and is designed to enhance the site context and coordinate with the architecture. Additionally the plants will be selected to be native, adapted, and/or climate appropriate. **Note: proposed plant legend and quantities are representative, and not intended to be exclusive. Conversely, additional plants may be added depending upon availability.**

Planting will meeting the 30% evergreen planting requirements. All planting and irrigation will conform to the City's Water Efficient Landscape Ordinance (WELO). Point-source drip emitters will be used to irrigate shrubs and groundcover. Irrigation controllers will include weather sensors, and be "smart" (self-adjusting). All other requirements of the ordinance will be followed, including a minimum 3" deep layer of bark mulch in all non-turf planter areas.



RAMONA OPPORTUNITY

RAMONA OPPORTUNITY INDUSTRIAL

RAMONA AVENUE

SACRAMENTO, CA 95826

ARCHITECT OF RECORD:

vegas builds

VEGAS BUILDS, INC. 12893 ALCOSTA BLVD. SUITE N SAN RAMON, CA 94583 (650) 223-3188

(650) 223-3188

CIVIL ENGINEER OF RECORD:
MORTON & PITALO, INC.
600 COOLIDGE DRIVE, SUITE 140
FOLSOM, CA 95630
(916) 984-7621

LANDSCAPE ARCHITECT OF RECORD:
ROACH + CAMPBELL
947 ENTERPRISE DRIVE LOFT B
SACRAMENTO, CA 95825
(916) 827-4020

(916) 827-4020

ELECTRICAL ENGINEER OF RECORD:
HOWE ELECTRIC
4682 E. OLIVE AVENUE
FRESNO, CA 93702
(559) 255-8992

NO. DATE ISSUE

VBI PROJECT No: 2024.02

DRAWING TITLE:

LANDSCAPE PLAN

SCALE: 1" = 30'

SITE PLAN DESIGN REVIEW PACKAGE

SHADING LEGEND (PER CITY OF SACRAMENTO DESIGN GUIDELINES)

25% SHADE VALUE; TYPICALLY IN CORNERS OR AT EDGES

75% SHADE VALUE, TYPICALLY AT INTERNAL ISLANDS



50% SHADE VALUE, TYP. AT PARKING LOT EDGES

100% SHADE VALUE, TYPICALLY AT INTERNAL ISLANDS

50% Requirement Met? YES

BOUNDARY OF PAVED AREA TO BE SHADED: INCLUDES PARKING STALLS AND BACKUP AREAS; EXCLUDES DRIVEWAYS AND LOADING AREAS

Parking Lot Shade Calculations Vergas Ramona - Parcel 6 / Building A Date: 12/19/2024 Qty. 30-35' Diameter Trees sub total of shade at 962 sf for 100% canopy Qty. 25-30' Diameter Trees
 1
 3
 7
 11

 177
 1062
 3710
 0
 4,949
 sub total of shade at 707 sf for 100% canopy Qty. 20-25' Diameter Trees 0 0 0 sub total of shade at 491sf for 100% canopy Qty. 15-20' Diameter Trees sub total of shade at 314sf for 100% canopy Total Shade Provided 61,224 Total Parking Area 104,219
Percent Shaded 59%

RAMONA OPPORTUNITY

RAMONA OPPORTUNITY **INDUSTRIAL**

RAMONA AVENUE SACRAMENTO, CA 95826

ARCHITECT OF RECORD:

vegas builds

VEGAS BUILDS, INC. 12893 ALCOSTA BLVD. SUITE N SAN RAMON, CA 94583 (650) 223-3188 CIVIL ENGINEER OF RECORD: MORTON & PITALO, INC. 600 COOLIDGE DRIVE, SUITE 140

FOLSOM, CA 95630 (916) 984-7621 LANDSCAPE ARCHITECT OF RECORD: ROACH + CAMPBELL

947 ENTERPRISE DRIVE LOFT B SACRAMENTO, CA 95825 (916) 827-4020 ELECTRICAL ENGINEER OF RECORD:
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4682 E. OLIVE AVENUE
FRESNO, CA 93702

(559) 255-8992

NO. DATE ISSUE

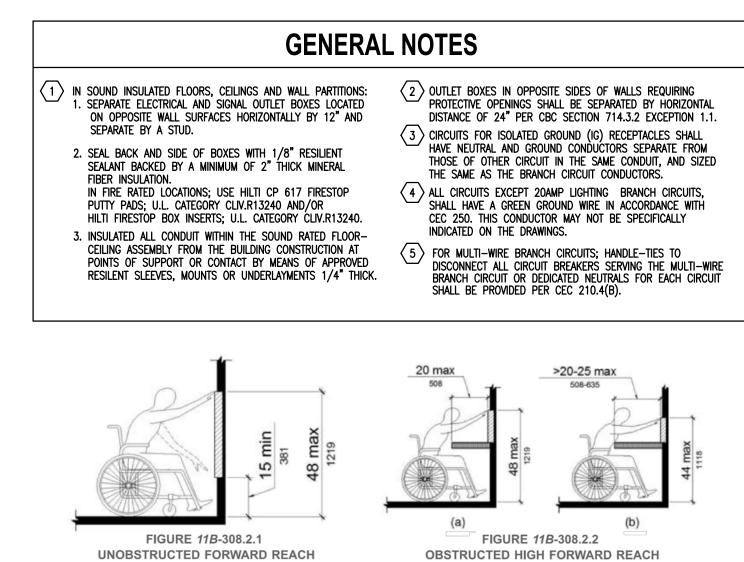
VBI PROJECT No: 2024.02

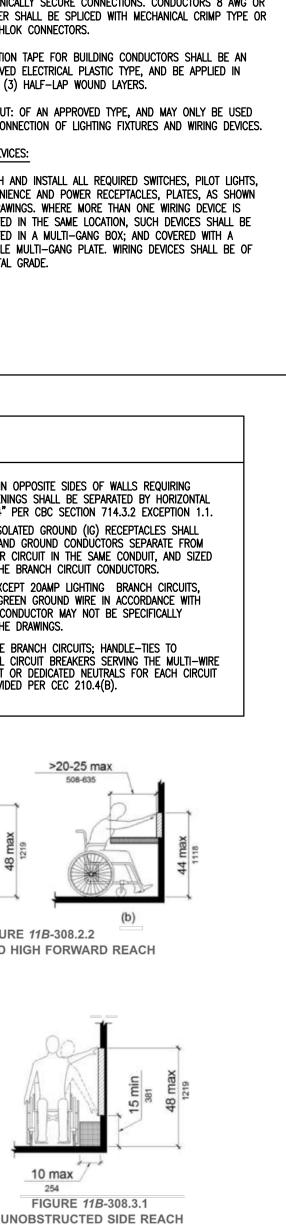
DRAWING TITLE:
PARKING LOT SHADE CALCULATIONS

SITE PLAN DESIGN REVIEW PACKAGE 12/19/2024

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ELECTRICAL SPECIFICATIONS SPECIFICATIONS CONTINUED 2.0 PRODUCTS AND EXECUTION SCOPE: FURNISH MATERIALS AND PERFORM LABOR REQUIRED TO METALLIC CONDUIT EXECUTE THIS WORK AS INDICATED ON THE DRAWINGS. A. METALLIC CONDUIT SHALL BE MANUFACTURED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND NEMA STANDARDS OF A. FURNISHING AND INSTALLATION OF SWITCHES, RECEPTACLES AMERICAN STANDARDS ASSOCIATION. AS SHOWN ON DRAWINGS B. RIGID STEEL CONDUIT: THREADED-TYPE, ZINC-COATED INSIDE AND OUT B. ELECTRICAL WIRING INCLUDING OUTLETS, WIRING DEVICES. BY THE SHERADIZING, HOT DIPPING, OR METALLIZING PROCESS SHALL CONDUITS, CONDUCTORS AND CONNECTIONS FOR LIGHTING BE USED UNDERGROUND, IN CONCRETE ON GRADE, EXPOSED AND IN AND POWER SYSTEMS. DAMP LOCATIONS. NON-METALLIC CONDUIT MAY BE USED BELOW C. INSTALLATION OF OWNER FURNISHED EQUIPMENT. GRADE SLAB, IN LEIU OF RIGID STEEL CONDUIT. C. ELECTRICAL METALLIC TUBING, ZINC—COATED, INSIDE AND OUT D. ANCHORS, SLEEVES, CHASES, SUPPORTS, FLASHING, ETC SHALL BE USED IN DRY, CONCEALED LOCATIONS, SUCH AS STUD FOR ELECTRICAL EQUIPMENT APPARATUS, CONDUITS, ETC. PARTITIONS, CEILING SPACES AND IN SUSPENDED SLABS. E. LABELING AND IDENTIFICATION OF ALL CIRCUITS, CONDUIT MAY BE EMT WHERE NOT SUBJECT TO MECHANICAL DAMAGE AS PERMITTED BY THE NEC. PANELBOARDS, PULL BOXES, FEEDERS, ETC. D. FLEXIBLE STEEL CONDUIT, ZINC-COATED SHALL BE USED FOR RELATED WORK SPECIFIED ELSEWHERE: SHORT RUNS FROM MOTORS TO JUNCTION BOXES, AND FOR A. PAINTING, EXCEPT AS OTHERWISE INDICATED. BRANCH CIRCUIT WIRING AS APPROVED. FLEXIBLE STEEL CONDUIT. WHERE APPROVED, MAY BE USED WHEN CONDITIONS MAKE THE USI B. TELEPHONE EQUIPMENT AND WIRING, EXCEPT CONDUIT OF OTHER CONDUITS IMPRACTICABLE. FITTINGS SHALL BE SCREWED WEDGE TYPE. NEOPRENE JACKETED FLEXIBLE CONDUIT WITH SUITABLE and outlets. GLAND-TYPE WATERPROOF FITTINGS, SHALL BE USED IN LOCATIONS EXPOSED TO THE WEATHER OR DAMPNESS AND IN MECHANICAL 1.3 GENERAL REQUIREMENTS EQUIPMENT ROOMS. A. VERIFY JOB CONDITIONS: CONTRACTOR SHALL VISIT JOB SITE AND EXAMINE DRAWINGS AND SPECIFICATIONS IN A MANNER CONDUIT INSTALLATION: TO BE FULLY COGNIZANT WITH ALL WORK REQUIRED UNDER A. RUN ALL WIRING IN CONDUIT. CONDUIT SHALL BE CONCEALED IN THIS SECTION. EXAMINE ALL ADJOINING WORK OF OTHER SECTIONS FOR INTERFERENCES AND CONDITIONS AFFECTING FINISHED AREAS AND MAY BE EXPOSED IN UNFINISHED AREAS. ALL CONDUIT RUNS SHALL BE CONTINUOUS FROM OUTLET TO OUTLET. THE WORK OF THIS SECTION. FITTING, PULL OR JUNCTION BOX, TO CABINET OR PANEL AND SHALL B. THE ENTIRE INSTALLATION SHALL BE IN COMPLIANCE WITH THE AND SHALL BE CONNECTED MECHANICALLY AND ELECTRICALLY TO FOLLOWING CODES & REGULATIONS: ASSURE GROUND CONTINUITY. RUNNING THREADS SHALL NOT BE USED. EMT SHALL NOT BE ATTACHED TO VIBRATING EQUIPMENT; - 2022 CALIFORNIA BUILDING CODE, PART 2, TITLE 24, CCR A SHORT LENGTH OF FLEXIBLE CONDUIT SHALL BE USED. (BASED ON THE 2021 INTERNATIONAL BUILDING CODE) 2022 CALIFORNIA ELECTRICAL CODE, PART 3, TITLE 24, CCR B. PULL WIRES: LEAVE 12-AWG GALVANIZED IRON OR NYLON PULL (BASED ON THE 2020 NATIONAL ELECTRICAL CODE) WIRE IN EMPTY CONDUITS AND TAG TO SHOW TERMINAL POINTS - 2022 CALIFORNIA FIRE CODE, PART 9, TITLE 24, CCR AND LENGTH OF RUN. (BASED ON THE 2021 INTERNATIONAL FIRE CODE) C. CONNECTIONS TO WIRING ENCLOSURES: SECURE CONDUIT TO OUTLET OUTLET BOXES OR WIRING ENCLOSURES WITH DOUBLE LOCKNUTS C. MATERIALS AND EQUIPMENT: AND BUSHINGS, OR APPROVED FITTINGS, WHERE CONDUIT BOXES WITH THREADED HUBS ARE USED, CONDUIT SHALL ENGAGE AT 1. STANDARD: MATERIAL AND EQUIPMENT FURNISHED SHALL LEAST FIVE (5) THREADS IN HUB, INSULATING BUSHINGS SHALL BE NEW AND OF THE SAME TYPE AND MANUFACTURED BE USED FOR CONDUIT 1-1/4" OR LARGER. FOR SIMILAR USE, SHALL BE APPROVED BY THE UNDERWRITER'S LABORATORIES AND SHALL BEAR TH D. THE CONDUIT AND CABLE TRAY SEISMIC BRACING SYSTEM SHALL INSPECTION LABEL WHERE THE INSPECTION STANDARDS BE MANUFACTURED BY EATON B-LINE USING THE SEISMIC RESTRAINT HAVE BEEN ESTABLISHED. WHERE INDUSTRY OR TRADE SYSTEM GUIDELINES APPROVED UNDER OPM-0052-13. STANDARDS ARE AVAILABLE, FURNISHED MATERIAL OR EQUIPMENT SHALL COMPLY WITH THESE STANDARDS AS A MINIMUM CRITERIA OF QUALITY AND WORKMANSHIP. OUTLET BOXES: APPLICABLE STANDARDS SHALL INCLUDE: NEMA, RETNA, A. OUTLET BOXES FOR CONCEALED WORK SHALL BE ONE-PIECE ZINC EEI, IPECA, ASA AND SIMILAR ACCEPTED TRADE AND INDUSTRY STANDARDS IN GENERAL USE. LOCAL OR CADMIUM COATED KNOCKOUT TYPE, NOT SMALLER THAN 4" SOUARE NOMINAL SIZE. PROVIDE EXTENSION RINGS, PLASTER RINGS INSPECTION AND LABELS SHALL BE AFFIXED AS REQUIRED. MATERIALS SHALL BE DELIVERED TO THE JOB-SITE IN AND COVERS AS NECESSARY FOR FLUSH FINISH. ORIGINAL, UNBROKEN PACKAGES, BUNDLES, CARTONS, ETC. AS RECEIVED FROM THE MANUFACTURER. PULL AND JUNCTION BOXES: A. INSTALL PULL AND JUNCTION BOXES AS SHOWN OR AS NECESSARY D. LAYOUT AND INSTALLATION: TO FACILITATE THE PULLING OF WIRE. BOXES LESS THAN 100 CUBIC INCHES IN VOLUME SHALL COMPLY WITH THE REQUIREMENTS 1. LAYOUT AND INSTALLATION OF ELECTRICAL WORK SHALL BE GIVEN FOR OUTLET BOXES. BOXES 100 CUBIC INCHES IN VOLUME COORDINATED WITH THE OVERALL CONSTRUCTION SCHEDULE AND LARGER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE AND WORK SCHEDULE OF THE VARIOUS TRADES TO PREVENT REQUIREMENTS GIVEN FOR CABINETS, EXCEPT THAT COVERS SHALL DELAY IN COMPLETION OF THE PROJECT, COMPLETE DRAWINGS BE OF THE SAME THICKNESS AS THE BOXES AND SHALL BE AND SPECIFICATIONS FOR THE JOB WILL BE AVAILABLE AT SECURED BY BOLTS. BOXES HAVING ONE DIMENSION GREATER THE JOB-SITE. IT SHALL BE OBLIGATORY TO THOROUGHLY THAN 24 INCHES SHALL BE FITTED WITH INTERIOR BRACES AND CHECK THESE DRAWINGS BEFORE ORGANIZING THE ELECTRICAL REINFORCEMENTS. WORK SCHEDULE OR INSTALLED MATERIAL AND EQUIPMENT. 2.5 CABLE AND WIRE: a. STRUCTURAL OPENINGS: SIZE AND LOCATION OF FRAMED OR OTHER OPENINGS SHOWN ON ARCHITECTURAL AND A. UNLESS OTHERWISE NOTED ON DRAWINGS, THE CONDUCTORS FOR POWER AND LIGHTING SHALL BE CALIFORNIA ELECTRICAL CODE VERIFIED WITH THE GENERAL CONTRACTOR PRIOR TO TYPE THWN/THHN. 600 VOLTS. CONSTRUCTION. CHANGES IN LOCATIONS OR SIZE SHALL NO CONDUCTOR FOR POWER AND LIGHTING SHALL BE SMALLER SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT THAN #12AWG. #14AWG WIRE SHALL BE USED FOR CONTROL AND GENERAL CONTRACTOR FOR APPROVAL AND SCHEDULING WIRING EXCEPT WHERE OTHERWISE INDICATED ON THE DRAWINGS. IN TIME TO AVOID ANY DELAY IN THE WORK. B. ALL CONDUCTORS TO BE COPPER. b. EQUIPMENT SUPPORTS FOR ELECTRICAL FACILITIES SHALL BE FASTENED TO THE STRUCTURE BY INSERTS, ANCHOR C. TEMPERATURE RATING OF THE INSULATION OF BRANCH CIRCUIT BOLTS, BY BOLTING TO DRILLED AND TAPPED STRUCTURAL WIRING SERVING RECESSED LIGHTING FIXTURES MUST BE EQUAL MEMBERS OR BY WELDING TO THE STRUCTURE. TO OR EXCEED THE LABELED TEMPERATURE RATING OF THE c. ANCHOR BOLTS AND INSERTS OF ADEQUATE SIZE AND STRENGTH FOR INSTALLATION OF ELECTRICAL WORK IS CONDUCTOR CONNECTIONS AND INSTALLATION: A. PULLING-IN: INSTALL NO CABLE OR WIRE IN DUCT, CONDUITS 2. CLEANUP: ACCUMULATED DEBRIS, RUBBISH, AND SURPLUS OR RACEWAYS UNTIL CONSTRUCTION WORK WHICH MIGHT MATERIAL FROM ELECTRICAL WORK SHALL BE REMOVED AT DAMAGE INSULATION HAS BEEN COMPLETED. LEAD LENGTHS IN FREQUENT INTERVALS TO AVOID FIRE OR SAFETY HAZARDS. CABINETS AND PULL OR OUTLET BOXES SHALL BE SUFFICIENT LEAVE ENTIRE PROJECT IN A NEAT, CLEAN AND ACCEPTABLE TO MAINTAIN PROPER SPACING FOR CONNECTIONS OR SPLICING. CONDITION UPON COMPLETION, FQUIPMENT, PANELBOARDS. CONDUCTORS SHALL BE CONTINUOUS FROM OUTLET TO OUTLET. SWITCHES AND OTHER DEVICES SHALL BE CLEANED OF FOREIGN PULLBOX OR CABINET. MATTER AND DAMAGED OR SCRATCHED SURFACES SHALL BE REFINISHED TO MATCH THE ORIGINAL FINISH AND TEXTURE. B. SPLICES SHALL JOIN CONDUCTORS WITH AN ELECTRICALLY AND DAMAGED FINISH SHALL BE REPLACED AND TOUCHED OR MECHANICALLY SECURE CONNECTIONS. CONDUCTORS 8 AWG OR SMALLER SHALL BE SPLICED WITH MECHANICAL CRIMP TYPE OR SCOTCHLOK CONNECTORS. E. IDENTIFICATION OF CIRCUITS AND EQUIPMENT: C. INSULATION TAPE FOR BUILDING CONDUCTORS SHALL BE AN 1. PANELBOARDS AND DISCONNECTING SWITCHES SHALL BE APPROVED ELECTRICAL PLASTIC TYPE, AND BE APPLIED IN PROPERLY IDENTIFIED BY MEANS OF DESCRIPTIVE NAMEPLATES. THREE (3) HALF-LAP WOUND LAYERS. 2. CARDHOLDERS AND CARDS SHALL BE PROVIDED FOR CIRCUIT D. WIRE NUT: OF AN APPROVED TYPE, AND MAY ONLY BE USED IDENTIFICATION IN PANELBOARDS. FOR CONNECTION OF LIGHTING FIXTURES AND WIRING DEVICES. F. ADJUSTMENTS AND TESTS: ENTIRE ELECTRICAL INSTALLATION WIRING DEVICES: SHALL BE TESTED FOR PROPER OPERATION, ADJUSTMENTS MADE AND DEFECTS CORRECTED. THIS WORK SHALL INCLUDE FURNISHED A. FURNISH AND INSTALL ALL REQUIRED SWITCHES, PILOT LIGHTS, NECESSARY INSTRUCTIONS AND MATERIALS, AND COST OF CONVENIENCE AND POWER RECEPTACLES, PLATES, AS SHOWN REPLACEMENT OR REPAIRS FROM DAMAGE DUE TO FAILURE. ON DRAWINGS. WHERE MORE THAN ONE WIRING DEVICE IS INSULATION RESISTANCE SHALL COMPLY WITH VALUES STATED IN MOUNTED IN THE SAME LOCATION. SUCH DEVICES SHALL BE CALIFORNIA ELECTRICAL CODE. MOUNTED IN A MULTI-GANG BOX; AND COVERED WITH A SUITABLE MULTI-GANG PLATE. WIRING DEVICES SHALL BE OF G. GUARANTEE: CONTRACTOR SHALL GUARANTEE ALL INSTALLED HOSPITAL GRADE. EQUIPMENT, MATERIALS AND WORKMANSHIP INCORPORATED INTO ELECTRICAL WORK FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE OF THE PROJECT BY THE OWNER. ANY DEFECTS DUE TO FAULTY MATERIALS. METHODS OF INSTALLATION OR WORKMANSHIP WITHIN THIS PERIOD SHALL BE REPAIRED OR REPLACED BY THIS CONTRACTOR, PROMPTLY UPON NOTICE BY OWNER AT EXPENSE OF CONTRACTOR. **GENERAL NOTES** (1) IN SOUND INSULATED FLOORS, CEILINGS AND WALL PARTITIONS: (2) OUTLET BOXES IN OPPOSITE SIDES OF WALLS REQUIRING 1. SEPARATE ELECTRICAL AND SIGNAL OUTLET BOXES LOCATED PROTECTIVE OPENINGS SHALL BE SEPARATED BY HORIZONTAL DISTANCE OF 24" PER CBC SECTION 714.3.2 EXCEPTION 1.1 ON OPPOSITE WALL SURFACES HORIZONTALLY BY 12" AND SEPARATE BY A STUD. S CIRCUITS FOR ISOLATED GROUND (IG) RECEPTACLES SHALL HAVE NEUTRAL AND GROUND CONDUCTORS SEPARATE FROM 2. SEAL BACK AND SIDE OF BOXES WITH 1/8" RESILIENT





POWER MAIN SWITCHBOARD, DISTRIBUTION BOARD OR MOTOR CONTROL CENTER. PANELBOARD, SURFACE MOUNTED. PANELBOARD, FLUSH MOUNTED. ELECTRIC MOTOR, MAKE CONNECTIONS ONLY. * = HP. JUNCTION BOX, 4" SQUARE UON. HOMERUN JUNCTION BOX W/ 1 1/4"C. TO ELECTRICAL ROOMS WITH 20 WIRES MAX. INDICATES CIRCUIT BREAKERS PROVIDED WITH HANDLE TIES. DUPLEX CONVENIENCE OUTLET, +18" UON. DOUBLE DUPLEX CONVENIENCE OUTLET, +18" UON. DUPLEX CONVENIENCE OUTLET, MOUNTED IN CEILING. DUPLEX EQUIPMENT OUTLET, +18" UON. DUPLEX CONVENIENCE OUTLET WITH GROUND FAULT INTERRUPTER, +18" UON. DUPLEX EQUIPMENT OUTLET WITH GROUND FAULT INTERRUPTER. +18" UON. DUPLEX CONVENIENCE OUTLET, 1 OF 2 CONTROLLED, +18" UON. DUPLEX EQUIPMENT OUTLET, 1 OF 2 CONTROLLED, +18" UON. DOUBLE DUPLEX CONVENIENCE OUTLET, 1 OF 4 CONTROLLED, +18" UON. DENOTES DEVICE MOUNTED ABOVE COUNTER OR ABOVE SPLASH DUPLEX CONVENIENCE OUTLET, MOUNTED IN FLOOR MONUMENT. DOUBLE DUPLEX CONVENIENCE OUTLET, MOUNTED IN FLUSH FLOOR BOX (WIREMOLD RFB2E-OG). DUPLEX CONVENIENCE OUTLET, MOUNTED IN FLUSH FLOOR BOX (WIREMOLD RFB2E-OG). MODULE FURNITURE DATA CONNECTION; WALL MOUNTED. MODULE FURNITURE POWER CONNECTION; WALL MOUNTED. COMBINATION MODULE FURNITURE FLUSH FLOOR BOX (WIREMOLD RFB4E-OG W/6CFFTCXX COVERPLATE). COMBINATION POWER/DATA FLUSH FLOOR BOX (WIREMOLD RFB4E-OG) WITH DOUBLE DUPLEX CONVENIENCE OUTLET. SUBSCRIPT INDICATES FOR AV; USE WIREMOLD RFB6E-OG. COMBINATION POWER/DATA FLUSH FLOOR BOX (WIREMOLD RFB4E-OG) WITH DUPLEX CONVENIENCE OUTLET. SINGLE CONVENIENCE OUTLET, +18" UON. FIRE SMOKE DAMPER CONNECTION SPECIALTY OUTLET, +18" UON. CLOCK OUTLET, 1'-0" BELOW CEILING PULLBOX, SIZE AND TYPE AS SPECIFIED SAFETY DISCONNECT SWITCH, 3 POLE, * = FUSE RATING 30A, NON-FUSED AF: 30A, 60A, NON-FUSED 100A, NON-FUSED CF: 100A, D: 200A, NON-FUSED DF: 200A, DF-2P: 200 : 400A, NON-FUSED EF: 400A, 600A, NON-FUSED FF: 600A. G: 1600A, NON-FUSED GF: 1600A COMBINATION STARTER, FURNISHED, INS UNDER THIS SECTION. NUMBER INDICATI PLUG LOAD CONTROLLER FOR RECEPTAGE REFER TO POWER PLANS. PUSHBUTTON STATION, MOMENTARY CON OR CONTROL SWITCH. SWITCH. TOGGLE, SINGLE POLE, SINGLE UON. SUBSCRIPTMODIFIERS: a,b SWITCHING CIRCUIT DESIGNATION. PILO DOUBLE POLE M MOTO THREE WAY SWITO FOUR WAY DIMMER AMMETER. * = AMPS FULL SCALE. VOLTMETER. * = VOLTS FULL SCALE. AMPMETER SWITCH. VOLT METER SWITCH.

LIGHT INDICATOR TYPE, R=RED, G=GREEN, W=WHITE.

CONTACT, RELAY, CONTACTOR NORMALLY OPEN.

CONTACT, RELAY, CONTACTOR NORMALLY CLOSED.

THERMOSTAT, PROVIDED UNDER DIVISION 23, +48" UON.

VARIABLE FREQUENCY DRIVE FURNISHED AND INSTALLED

UNDER ANOTHER SECTION, BUT WIRED UNDER THIS SECTION.

MOTOR OVERLOAD HEATERS.

DUAL-CHANNEL WIREMOLD 4000.

-R*-RELAY: * = NUMBER.

—C— CONTACTOR

FIRE SMOKE DAMPER CONNECTION			
SPECIALTY OUTLET, +18" UON.			
CLOCK OUTLET, 1'-0" BELOW CEILING UON.			
PULLBOX, SIZE AND TYPE AS SPECIFIED BY NUMBERED NOTE.			
SAFETY DISCONNECT SWITCH, 3 POLE, UON. * = FUSE RATING. A: 30A, NON-FUSED AF: 30A, FUSED B: 60A, NON-FUSED BF: 60A, FUSED C: 100A, NON-FUSED CF: 100A, FUSED D: 200A, NON-FUSED DF: 200A, FUSED DF-2P: 200A, FUSED (2-POLE) E: 400A, NON-FUSED EF: 400A, FUSED F: 600A, NON-FUSED FF: 600A, FUSED G: 1600A, NON-FUSED GF: 1600A, FUSED			
COMBINATION STARTER, FURNISHED, INSTALLED AND WIRED UNDER THIS SECTION. NUMBER INDICATES NEMA SIZE.			
PLUG LOAD CONTROLLER FOR RECEPTACLE CONTROL; REFER TO POWER PLANS.			
PUSHBUTTON STATION, MOMENTARY CONTACT INSTRUMENT OR CONTROL SWITCH.			
SWITCH, TOGGLE, SINGLE POLE, SINGLE THROW, +42" AFF UON. SUBSCRIPTMODIFIERS:			
a,b SWITCHING CIRCUIT K KEY OPERATED DESIGNATION. P PILOT LIGHT DOUBLE POLE M MOTOR RATED SWITCH T SWITCH W/ INTEGRATED TIMER FOUR WAY WITH OVERLOADS D DIMMER			
AMMETER. * = AMPS FULL SCALE.			
VOLTMETER. * = VOLTS FULL SCALE.			
AMPMETER SWITCH.			
VOLT METER SWITCH.			
CURRENT TRANSFORMER.			
POTENTIAL TRANSFORMER.			
CIRCUIT BREAKER: NA = NON AUTOMATIC. ST = SHUNT TRIP.			
FUSED SWITCH: ST = SHUNT TRIP			
TRANSFORMER.			
METER (WATT HOUR). CONDUIT SEAL FOR HAZARDOUS AREAS. PUSHBUTTON, NORMALLY OPEN.			
PUSHBUTTON, NORMALLY CLOSED.			
TOSTIDOTTON, NOTWINELT GLOSED.			

		C	ONVENTIONS	
(1	\rangle	NUMBERED APPLIES TO	NOTE: ALL DRAWINGS.	
(1			SHEET NOTE: DRAWING CONTAINING NOTES ONLY.	
1		FEEDER NU		
1 E1.1		-DETAIL DESI -SHEET NUM	GNATION BER OR DETAIL.	
HW 1	\longrightarrow		EQUIPMENT: SEE MECHANICAL DRAWINGS MENT INFORMATION.	
			LIGHTING	
		LIGHTING FI	XTURE, 2X4 RECESSED IN CEILING.	
	0	LIGHTING FI	XTURE, 2X4 SURFACE MOUNTED.	
		LIGHTING FI	XTURE, 2X4 RECESSED IN CEILING.	
		LIGHTING FI	XTURE, 1X4 RECESSED IN CEILING.	
	0	LIGHTING FI	XTURE, 1X4 SURFACE MOUNTED.	
	聖	LIGHTING FI	XTURE, WALL MOUNTED.	
E	M		JRE, SURFACE OR PENDANT MOUNTED; "EM" DICATES CONNECTION TO EMERGENCY SYSTEM.	
	0		ENDANT MOUNTED PARKING GARAGE FIXTURE; DICATES CONNECTION TO EMERGENCY SYSTEM.	
•	•		RECESSED IN CEILING; SHADING CONNECTION TO EMERGENCY SYSTEM.	
•	ಕ ಶ		IRE, SURFACE OR PENDANT MOUNTED. IRE, WALL MOUNTED.	
	¥ 0	EXIT FIXTUR	RE, CEILING OR WALL MOUNTED, TIONAL ARROWS.	
[M	SHADING O	F ANY FIXTURE OR "EM" SYMBOL INDICATES N TO EMERGENCY SYSTEM.	
4	٥		' BATTERY PACK WITH TWO FLOOD HEADS.	
— (A	.1)		XTURE TYPE.	
	а	LIGHTING S	WITCHING CIRCUIT.	
)	8 (LIGHT POLE	: WITH DECORATIVE SPOT HEADS	
(0	IN-GRADE LANDSCAPE LIGHT		
•	4	SURFACE L	ANDSCAPE LIGHT	
<u> </u>	•-	LIGHT POLE	; DOUBLE HEAD	
	•-	LIGHT POLE	; SINGLE HEAD	
		l	RACEWAYS	
		CONDUIT R	UN EXPOSED ON WALL OR CEILING.	
			UN CONCEALED UNDER SLAB OR UNDERGROUND.	
			UN CONCEALED IN SLAB, WALL OR CEILING OMERUN, CONTINUOUS RUN TO PANEL OR	
\bigcirc ($\widehat{}$	EQUIPMENT		
	•	CONDUIT TO		
		CONDUIT TU	JRNED DOWN.	
			RCUIT CONDUIT & CONDUCTORS, OUIT WITH #12 CONDUCTORS &	
		IŃSULATED	GROUND WIRE U.O.N.	
			T SURFACE RACEWAY: TYPE, OUTLET SPACING	
	-		TING AS INDICATED BY NUMBERED NOTE. O GROUNDING ELECTRODE.	
	$\frac{1}{2}$	UFFER GRO	UND, #3/0cu ENCASED IN FOOTING, D FT. UON.	
		MINIMUM 20 FT. ŰÓN. GROUND ROD.		
•		EXOTHERMIC WELD TO STEEL COLUMN.		
- us - IDENTIFIES AS ON L		IDENTIFIES	AS ON LIFE SAFETY BRANCH; CEC 700.	
		AS ON LEGALLY REQUIRED BRANCH; CEC 701.		
— os -			AS ON OPTIONAL STANDBY BRANCH; CEC 702.	
— 4/0 ·			AS ON NORMAL BRANCH. ER MAIN CONDUCTOR.	
•				
	FIXTUR			
Туре	Man	ufacturer	Catalog #	
S1	L	ithonia	#DXS0-LED-P7-40K-80CRI-T5W-MVOLT-RPA- DDBXD	

CRT CATHODE RAY TUBE (MONTOR) CT CURPENT TRANSFORMER PA PUBLIC ADDRESS PECAL COME COPPER PA PUBLIC ADDRESS PERSONAL ALARM RECEIVER PB PULL BOX PAR PUBLIC ADDRESS PERSONAL ALARM RECEIVER PB PULL BOX PAR PUBLIC ADDRESS PERSONAL ALARM RECEIVER PB PAR PUBLIC ADDRESS PERSONAL ALARM RECEIVER PB PULL BOX PAR PUBLIC ADDRESS PECAL COME PP PARE TOWER DISTRICT POWER PARE PARE PARE PARE PARE PARE PARE PA	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
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## AMPS-PRAME ##			LV	LOW VOLTAGE
AGO ADVECTIONS OF PRINSED GAVE ALC APPS-TRIP AMPS-TRIP BOOK CONTROL BLOOM PINNER BLOOM			М	MOTOR
AC				
AT AMPS—TIBP				
AUTO-WALL- AUTO-WINE AUTo	AT	AMPS-TRIP	MCC	MOTOR CONTROL CENTER
AV AUDIO-VISILAL AND AUDIO-VISILAL BASIC IMPULSE EXPL. BLOW FINISHED GRADE BP BD POKONE BP BD P				
BILD	AV	AUDIO-VISUAL	MH	MAGNETIC DOOR HOLDER
BLOC	AWG	AMERICAN WIKE GAUGE		
BPC				
PFT	BFG	BELOW FINISHED GRADE		
C. CONDUIT CAB CARNET CAB CARNET CART CART CART CART CAST			(NI)	NEW
ABILITY			ŇĆ	NORMALLY CLOSED
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CFC CONTRACTOR FURNISHED/INSTALLED	CB	CIRCUIT BREAKER	NL	NIGHT LIGHT
OKT CIRCUIT				
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COMM. COMMERCIATIONS CONCRETE CONCRETE CONCRETE CONCRETE CONCRETE CONTRACTOR			OC	ON CENTER
CONTRACTOR CRT CATHODE RAY TUBE (MONITOR) CT CURRENT TRANSFORMER CT CONTRACT TRANSFORMER CT COVERENT TRANSFORMER CY COVAIN. CABLE CY CY COVAIN. CABLE CY CY COVAIN. CABLE CY CY COVAIN. CABLE CY C	COMM	COMMUNICATIONS	OD	OUTSIDE DIAMETER
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DDC DIRECT DIGITAL CONTROL PF DOWNER FACTOR DF DINKING FOUNTAIN PP PAMEL DP DOWNER FACTOR PP PAMEL DA DIMATTER POC POWNER FACTOR PP PAMEL DA DOUBLE POLE PRI PAMEL PRI PAMEL PRI PAMEL PRI PAMEL PRI PRIMARY POWER SUPPLY POUT DOUBLE POLE SINGLE THROW PS POWER SUPPLY POWER SUPPLY PW POWER (E) EASTING (ER) EASTING ELOCATED (RL) REMOVE REFRICEATOR (ER) EASTING ELOCATED (RL) REMOVE REFRICEATOR (ER) EASTING (RM) REMOVE REFRICEATOR REPRICEATOR REFRICEATOR REPRICEATOR REMOVE REMO	CW	COOL WHITE/COLD WATER	PAR	PERSONAL ALARM RECEIVER
DECT DIECT DISTAL CONTROL	CX	COAXIAL CABLE		
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GENR GENERATOR GFI GROUND FAULT INTERRUPTER GFR GROUND FAULT RELAY GRD/GND GROUND GROUND GROUND GROUND GROUND GROUND GROUND GROUND TIC GAS WATER HEATER TW TWISTED PAIR THYS TWISTED PAIR SHIELDED TY TY TYP TYPICAL HID HIGH INTENSITY DISCHARGE HOA HAND—OFF—AUTOMATIC HP HOSEPOWER HOB HOMERUN JUNCTION BOX HV HIGH VOLTAGE HZ HERTZ HERTZ UN HORDESCENT W W WIRE/WATTS WISTED WARM WHM WATT HOUR METER W W WIRE/WATTS WINDOW SHADE (AUTOMATIC) JB JUNCTION BOX WT WATERTIGHT WARM WARM WHITE KA KILOAMPERES KKML THOUSAND CIRCULAR MILS KVA KILOVOLTS KVA KILOVOLT AMPERES				
GFR GROUND FAULT RELAY GRD/GND GROUND TIC TELEPHONE TERMINAL CABINET TW TWISTED PAIR TWS TWISTED TO PAIR TWS TWISTED TO PAIR TWS TWISTED TO PAIR TWS TWISTED TWS TWISTED TO PAIR TWS TWISTED TO PAIR TWS TWISTED TO THE SHIELPHONE TERMINAL BOARD TO TELEPHONE TERMINAL BOARD TO TELEPHONE TERMINAL BOARD TO TELEPHONE TERMINAL BOARD TWS TWISTED TO THE LEPHONE TERMINAL BOARD THE LEPHONE TERMINAL BOARD THE LEPHONE TERMINAL CABINET TWS TWISTED TARNISTORMER US UNDERGROUND UNLESS OTHERWISE NOTED UNINTERRUPTIBLE POWER SYSTEM UPS UNINTERRUPTIBLE POWER SYSTEM WHM WAIT HOUR METER WHM WAIT HOUR METER WEATHER PROOF WS WINDOW SHADE (AUTOMATIC) US WW WARM WHITE WA WATERTIGHT WW WARM WHITE KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KYP KILOYOLTS KVA KILOYOLT AMPERES	GENR	GENERATOR	TP	TAMPERPROOF
GRD/GND GWH GAS WATER HEATER TW TWISTED PAIR TWS TWISTED PAIR SHIELDED HD HAND DRYER HH HANDHOLE HID HIGH INTENSITY DISCHARGE HOA HAND—OFF—AUTOMATIC HP HORSEPOWER HJB HOMERUN JUNCTION BOX HV HIGH VOLTAGE HZ HERTZ D INSIDE DIAMETER INT INTERMEDIATE METAL TUBING INCANDESCENT W W WIRE/WATTS WINDOW SHADE (AUTOMATIC) JB JUNCTION BOX WT WATER HERTZ KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KVA KILOVOLTS KVA KILOVOLTS KVA KILOVOLTS TX TRANSFORMER TW TWISTED PAIR TWS TWISTED PAIR TWS TWISTED PAIR TWS TWISTED PAIR TWS TWASTORM TWASTED PAIR TWS TWASTORM TWASTORMER TW TWISTED PAIR TWS TWASTORMER TW TWASTORMER TW TWISTED PAIR TWS TWISTED PAIR TWS TWASTORMER TW TWASTORMER TW TWISTED PAIR TW TWISTED PAIR TW TWASTED PAIR TW				
HD HAND DRYER TX TRANSFORMER HH HANDHOLE TYP TYPICAL HID HIGH INTENSITY DISCHARGE HOA HAND-OFF-AUTOMATIC UG UNDERGROUND HP HORSEPOWER UON UNLESS OTHERWISE NOTED HPS HIGH PRESSURE SODIUM UPS UNINTERRUPTIBLE POWER SYSTEM HJB HOMERUN JUNCTION BOX HV HIGH VOLTAGE V V VOLT HZ HERTZ VA VOLTAMPERES ID INSIDE DIAMETER W WIRE/WATTS IMT INTERMEDIATE METAL TUBING WHM WATT HOUR METER INC INCANDESCENT WP WEATHERPROOF INC INCANDESCENT WP WEATHERPROOF WS WINDOW SHADE (AUTOMATIC) JB JUNCTION BOX WT WATERTIGHT WW WARM WHITE KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KEC KITCHEN EQUIPMENT CONTRACTOR KV KILOVOLTS KVA KILOVOLT AMPERES	GRD/GND	GROUND	TTC	TELEPHONE TERMINAL CABINET
HH HANDHOLE HID HIGH INTENSITY DISCHARGE HOA HAND-OFF-AUTOMATIC HP HORSEPOWER HOSEPOWER HIGH PRESSURE SODIUM HPS HIGH PRESSURE SODIUM HJB HOMERUN JUNCTION BOX HV HIGH VOLTAGE VV VOLT HZ HERTZ VA VOLTAMPERES ID INSIDE DIAMETER INT INTERMEDIATE METAL TUBING INC INCANDESCENT WP WEATHERPROOF WS WINDOW SHADE (AUTOMATIC) JB JUNCTION BOX WT WATERTIGHT KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KVA KILOVOLTS KVA KILOVOLTS KVA KILOVOLT AMPERES	GWH	GAS WAIER HEATER		
HID HIGH INTENSITY DISCHARGE HOA HAND-OFF-AUTOMATIC HP HORSEPOWER UON UNLESS OTHERWISE NOTED HPS HIGH PRESSURE SODIUM HJB HOMERUN JUNCTION BOX HV HIGH VOLTAGE V V VOLT HZ HERTZ VA VOLTAMPERES ID INSIDE DIAMETER IMT INTERMEDIATE METAL TUBING INC INCANDESCENT WP WEATHERPROOF INC INCANDESCENT WP WEATHERPROOF WS WINDOW SHADE (AUTOMATIC) JB JUNCTION BOX WT WATERTIGHT KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KC KITCHEN EQUIPMENT CONTRACTOR KV KILOVOLTS KVA KILOVOLT AMPERES				
HOA HAND-OFF-AUTOMATIC HP HORSEPOWER HPS HIGH PRESSURE SODIUM HJB HOMERUN JUNCTION BOX HV HIGH VOLTAGE HZ HERTZ ID INSIDE DIAMETER IMT INTERMEDIATE METAL TUBING INC INCANDESCENT JB JUNCTION BOX KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KVA KILOVOLTS KVA KILOVOLT AMPERES UON UNDERGROUND UPS UNIDERGROUND UPS UNINTERRUSE NOTED UPS UNINTERRUPTIBLE POWER SYSTEM W WIRE/WATTS WA VOLTAMPERES W WIRE/WATTS WHM WAIT HOUR METER WP WEATHERPROOF WS WINDOW SHADE (AUTOMATIC) WW WARM WHITE KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KVA KILOVOLTS KVA KILOVOLT AMPERES	HID	HIGH INTENSITY DISCHARGE		
HPS HIGH PRESSURE SODIUM HJB HOMERUN JUNCTION BOX HV HIGH VOLTAGE V VOLT HZ HERTZ VA VOLTAMPERES ID INSIDE DIAMETER IMT INTERMEDIATE METAL TUBING INC INCANDESCENT WP WEATHERPROOF WS WINDOW SHADE (AUTOMATIC) JB JUNCTION BOX WT WATERTIGHT WW WARM WHITE KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KEC KITCHEN EQUIPMENT CONTRACTOR KV KILOVOLTS KVA KILOVOLT AMPERES				
HV HIGH VOLTAGE HZ HERTZ ID INSIDE DIAMETER IMT INTERMEDIATE METAL TUBING INC INCANDESCENT JB JUNCTION BOX KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KCC KITCHEN EQUIPMENT CONTRACTOR KVA KILOVOLTS KVA KILOVOLT AMPERES	HPS	HIGH PRESSURE SODIUM		
HZ HERTZ VA VOLTAMPERES ID INSIDE DIAMETER IMT INTERMEDIATE METAL TUBING INC INCANDESCENT WP WEATHERPROOF WS WINDOW SHADE (AUTOMATIC) JB JUNCTION BOX WT WATERTIGHT WW WARM WHITE KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KEC KITCHEN EQUIPMENT CONTRACTOR KV KILOVOLTS KVA KILOVOLT AMPERES			V	VOLT
IMT INTERMEDIATE METAL TUBING INC INCANDESCENT WP WEATHERPROOF WS WINDOW SHADE (AUTOMATIC) JB JUNCTION BOX WT WATERTIGHT WW WARM WHITE KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KEC KITCHEN EQUIPMENT CONTRACTOR KV KILOVOLTS KVA KILOVOLT AMPERES				
IMT INTERMEDIATE METAL TUBING INC INCANDESCENT WP WEATHERPROOF WS WINDOW SHADE (AUTOMATIC) JB JUNCTION BOX WT WATERTIGHT WW WARM WHITE KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KEC KITCHEN EQUIPMENT CONTRACTOR KV KILOVOLTS KVA KILOVOLT AMPERES	ID	INSIDE DIAMETER	W	WIRE/WATTS
JB JUNCTION BOX WYT WATERTIGHT WW WARM WHITE KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS KEC KITCHEN EQUIPMENT CONTRACTOR KV KILOVOLTS KVA KILOVOLT AMPERES	IMT	INTERMEDIATE METAL TUBING	WHM	WATT HOUR METER
JB JUNCTION BOX WT WATERTIGHT WW WARM WHITE KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS XP EXPLOSION PROOF KEC KITCHEN EQUIPMENT CONTRACTOR XFMR TRANSFORMER KV KILOVOLTS KVA KILOVOLT AMPERES			WS	WINDOW SHADE (AUTOMATIC)
KA KILOAMPERES KCMIL THOUSAND CIRCULAR MILS XP EXPLOSION PROOF KEC KITCHEN EQUIPMENT CONTRACTOR XFMR TRANSFORMER KV KILOVOLTS KVA KILOVOLT AMPERES	JB	JUNCTION BOX	WT	WATERTIGHT `
KEC KITCHEN EQUIPMENT CONTRACTOR XFMR TRANSFORMER KV KILOVOLTS KVA KILOVOLT AMPERES				
KV KILOVOLTS KVA KILOVOLT AMPERES				
	KV	KILOVOLTS	AL WILL	
· · · · · · · · · · · · · · · · · · ·	KVA KW	KILOVOLT AMPERES KILOWATT		
KWH KILOWATT HOURS				

ELECTRICAL ABBREVIATIONS

ELECTRICAL ABBREVIATIONS

X >	CONDUIT	CONDUCTORS
15A	3/4°C	3#12cu & #12cu GND
15B	3/4°C	2#12cu & #12cu GND
20A	3/4 * C	4#12cu & #12cu GND
20B	3/4 " C	3#12cu & #12cu GND
30A	3/4 ° C	4#10cu & #10cu GND
30B	3/4 " C	3#10cu & #10cu GND
30C	3/4 " C	2#10cu & #10cu GND
40A	3/4 " C	4#8cu & #10cu GND
40B	3/4°C	3#8cu & #10cu GND
55A	1"C	4#6cu & #10cu GND
55B	3/4 " C	3#6cu & #10cu GND
55C	3/4 " C	2#6cu & #10cu GND
70A	1 1/4"C	4#4cu & #8cu GND
70B	1 1/4"C	3#4cu & #8cu GND
70C	1 1/4"C	#4cu & #6cu GND
70D	1"C	2#4cu & #6cu GND
115A	1 1/4°C	3#2cu & #6cu GND
115C	1 1/4"C	4#2cu & #6cu GND
130A	1 1/4°C	4#1cu & #6cu GND
150A	2"C	4#1/0cu & #6cu GND
175A	2°C	4#2/0cu & #6cu GND
175B *	2 °C	3#2/0cu & #6cu GND
175C	2°C	4#2/0cu & #4cu GND
	2 °C	4#3/0cu & #6cu GND
200A		
200B	1 1/2°C	2#3/0cu & #6cu GND
230A	2 1/2°C	4#4/0cu & #4cu GND
230C	2 1/2°C	4#4/0cu & #2cu GND
255A	3"C	4#250MCMcu & #4cu GND
285A	3°C	4#300MCMcu & #4cu GND
310A	3"C	4#350MCMcu & #4cu GND
335A	3 " C	4#400MCMcu & #2cu GND
380A	4 "C	4#500MCMcu & #2cu GND
400A	(2) 2°C	4#3/0cu & #2cu GND. IN EACH CONDUIT
400B	(2) 2°C	3#3/0cu & #2cu GND. IN EACH CONDUIT
400C	(2) 2°C	4#3/0cu & #2cu GND. IN EACH CONDUIT
450A	(2) 2 1/2°C	4#4/0cu & #2cu GND. IN EACH CONDUIT
500A	(2) 3°C	4#250MCMcu & #2cu GND. IN EACH CONDUIT
600A	(2) 3°C	4#350MCMcu & #1cu GND. IN EACH CONDUIT
600C	(2) 3°C	4#350MCMcu & #2/0cu GND. IN EACH CONDUIT
700A	(2) 4°C	4#500MCMcu & #1/0cu GND. IN EACH CONDUIT
800A	(3) 3°C	4#300MCMcu & #1/0cu GND. IN EACH CONDUIT
800C	(3) 3°C	4#300MCMcu & #2/0cu GND. IN EACH CONDUIT
1000A	(3) 3°C	4#400MCMcu & #2/0cu GND. IN EACH CONDUIT
1000B	(3) 3°C	4#400MCMcu & #2/0cu GND. IN EACH CONDUIT
1000C	(3) 3°C	3#400MCMcu & #2/0cu GND. IN EACH CONDUIT
1200A	(4) 3°C	4#350MCMcu & #3/0cu GND. IN EACH CONDUIT
1600A	(5) 3°C	4#400MCMcu & #4/0cu GND. IN EACH CONDUIT
2000A	(6) 3°C	4#400MCMcu & #250MCMcu GND. IN EACH CONDUIT
2000C	(6) 3°C	4#400MCMcu & #3/0cu GND. IN EACH CONDUIT
2500A	(7) 4°C	4#500MCMcu & #350MCMcu GND. IN EACH CONDUIT
3000A	(8) 4°C	4#500MCMcu & #400MCMcu GND. IN EACH CONDUIT
4000A	(11) 4°C	4#500MCMcu & #500MCMcu GND. IN EACH CONDUIT
TUUUM		
	COMPLUT COM	BE ENCASED IN 2 INCHES OF CONCRETE PER

EQUIPMENT FEEDER SCHEDULE

FIXTURE SCHEDULE Type | Manufactur Catalog # Volts | Mounting | Lamp Type | Watts Comments 7-40K-80CRI-T5W-MVOLT-RPA-LED 22'-6" Lithonia Single Head Pole (21561)#RSS-22-6-4B-DM19AS-DDBXD (2)#DXS0-LED-P7-40K-80CRI-T5W-MVOLT-RPA-22'-6" LED Lithonia DDBXD Double Head Pole (43122)#RSS-22-6-4B-DM19AS-DDBXD (2)#DXS0-LED-P7-40K-80CRI-T5W-MVOLT-RPA-LED 22'-6" Double Head with camera S2C DDBXD Lithonia Pole (43122)mount accessory #RSS-22-6-4B-DM19AS-DDBXD W/CAMERA MT #DXS0-LED-P3-40K-80CRI-T5LG-MVOLT-RPA-LED 22'-6" S3 Lithonia Single Head Pole (9211)#RSS-22-6-4B-DM19AS-DDBXD #KBR8-LED-16C-530-40K-80CRI-SYM-MVOLT-LED Ground DDBXD Bollard Lithonia (Bollard) (1254)#BASO2.5-IP-SUR-WH-OP-35K-CR80-UNV-010\ LED

0750LF-ST-72IN 44.6 Baso 277 Surface (4510)

ELECTRICAL SHEET INDEX E001 LEGENDS, NOTES, & SCHEDULES E010 SINGLE LINE DIAGRAM - BLDG A

E020A PANEL SCHEDULES

E100 SITE ELECTRICAL PLAN

SITE PHOTOMETRIC PLAN

TITLE 24 COMPLIANCE - SITE

E040 SITE DETAILS

E101

SITE PLAN DESIGN REVIEW **PACKAGE**

ADA CLEARANCE DETAILS

FIGURE 11B-308.3.2

OBSTRUCTED HIGH SIDE REACH

LEGENDS, NOTES & SCHEDULES

COORDINATION

DOCUMENT

NOT FOR

CONSTRUCTION

VBI PROJECT No: 2024.02

DRAWING TITLE:

RAMONA OPPORTUNITY

RAMONA OPPORTUNITY

INDUSTRIAL

RAMONA AVENUE

ARCHITECT OF RECORD:

VEGAS BUILDS, INC.

SAN RAMON, CA 94583

MORTON & PITALO, INC.

FOLSOM, CA 95630

ROACH + CAMPBELL

SACRAMENTO, CA 95825

4682 E. OLIVE AVENUE

FRESNO, CA 93702

(650) 223-3188

(916) 984-7621

(916) 827-4020

(559) 255-8992

NO. DATE

12893 ALCOSTA BLVD. SUITE N

CIVIL ENGINEER OF RECORD:

600 COOLIDGE DRIVE, SUITE 140

947 ENTERPRISE DRIVE LOFT B

LANDSCAPE ARCHITECT OF RECORD:

ELECTRICAL ENGINEER OF RECORD:

HOWE Electric

4682 E. OLIVE AVE. FRESNO CA. 93702

Construction, Inc.

ELECTRICAL CONSTRUCTION DIVISION

(559)255-8992
CONTRACTORS LIC. #898737 CLASS C-10
PLOT DATE: 12-19-2024

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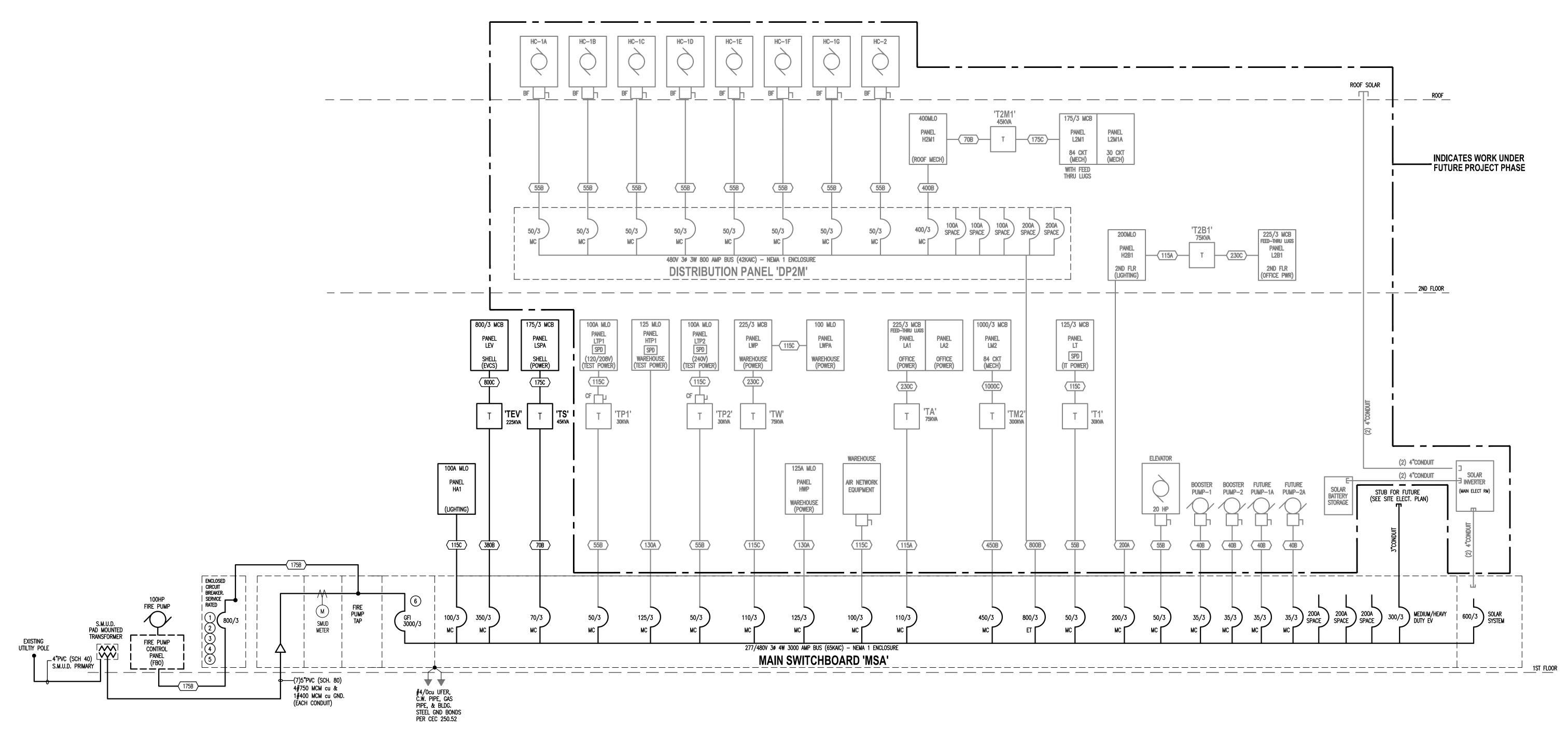
SACRAMENTO, CA 95826

vegas builds

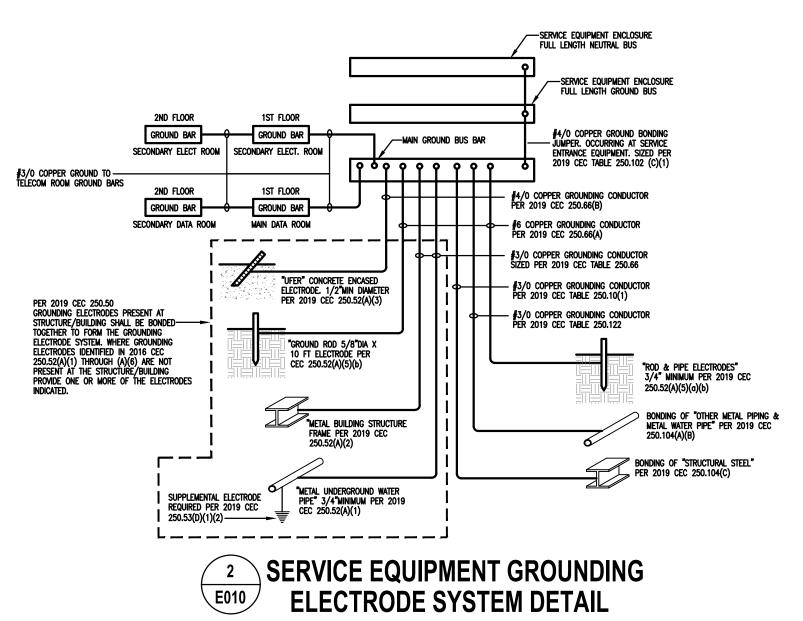
SCALE: AS SHOWN

12/19/2024

E001



1 SINGLE LINE DIAGRAM - BUILDING A



	SF				CONN. LOAD	DEMAND LOAD
LIGHTING	67382	X	1	W/SF	67.4 KVA	84.2 KVA
POWER	67382	X	3	W/SF	202.1 KVA	106.1 KVA
HVAC (Actual)	67382	X	12	W/SF	808.6 KVA	808.6 KVA
25% OF LARGEST MOTOR				11.7		25.0 KVA
WATER HEATER/PLUMBING					30.0 KVA	30.0 KVA
EQUIPMENT	67382	X	5	W/SF	336.9 KVA	336.9 KVA
SITE LIGHTING	200000	X	0.2	W/SF	40.0 KVA	50.0 KVA
EVCS	25	X	6.24	KVA	156.0 KVA	156.0 KVA
EVCS (MD/HEAVY DUTY)				100	200.0 KVA	200.0 KVA
ELEVATOR (20HP)					23.0 KVA	28.8 KVA
BOOSTER PUMP #1 (20HP)					21.5 KVA	21.5 KVA
BOOSTER PUMP #2 (20HP)					21.5 KVA	21.5 KVA
JOCKEY PUMP (1.5HP)					2.5 KVA	2.5 KVA
FIRE PUMP (100HP)					103.0 KVA	103.0 KVA
SUBTOTAL KVA					2012.5 KVA	1974.0 KVA
20%SPARE CAPACITY					402.5 KVA	394.8 KVA
TOTAL KVA					2415.0 KVA	2368.9 KVA
TOTAL AMPS	11				2904.9 AMPS	2849.4 AMPS
BUILDING SF	67382	SF				35.2 VA/SF

				TRAN	ISFORME	ER SCHE	DULE			
XFMR	KVA	PRIMARY	SECONDARY	PHASE	XFMR GND	K-RATING	NEMA RATING	*C RISE	INSULATION CLASS	LOCATION
T2M1	45	480V	120/208V	3ø	#4cu	K-1	NEMA 1	115°C	220°C	Х
TM2	300	480V	120/208V	3ø	#2/0cu	K-1	NEMA 1	115°C	220°C	Х
TS	45	480V	120/208V	3ø	#2cu	K-1	NEMA 1	115°C	220°C	Х
TP1	30	480V	120/208V	3ø	#4cu	K-13	NEMA 1	115°C	220°C	Х
TP2	30	480V	120/240V	3ø	#4cu	K-13	NEMA 1	115°C	220°C	Х
TW	75	480V	120/208V	3ø	#2cu	K-1	NEMA 1	115°C	220°C	Х
TA	75	480V	120/208V	3ø	#2cu	K-1	NEMA 1	115°C	220°C	Х
T2B1	75	480V	120/208V	3ø	#2cu	K-1	NEMA 1	115°C	220°C	Х
TEV	225	480V	120/208V	3ø	#1/0cu	K-1	NEMA 1	115°C	220°C	Х
T1	30	480V	120/208V	3ø	#4cu	K-13	NEMA 1	115°C	220°C	Х
TEV	225 30 REFER	480V 480V RENCE FEE	120/208V 120/208V DER SCHEDU	3ø 3ø LE FOR	#1/0cu #4cu	K-1 K-13	NEMA 1	115°C	220°C	7

	SINGLE LINE DIAGRAM NOTES
1	FIRE PUMP LOCKABLE DISCONNECT: DISCONNECTING MEANS MUST BE LOCKABLE IN BOTH THE CLOSED POSITION & OPEN POSITION.
2	FIRE PUMP DISCONNECTING MEANS SIGN 1: NFPA 20 9.2.3.1.(.5) DISCONNECTING MEANS MUST BE MARKED: "FIRE PUMP DISCONNECTING MEANS" IN LETTERS NO LESS THAN 1 INCH (25MM) IN HEIGHT & CAN BE SEEN WITHOUT HAVING TO OPEN ENCLOSURE DOORS OR COVER.
3	FIRE PUMP DISCONNECTING MEANS SIGN 2: NFPA 20 9.2.3.2; A PLACARD MUST BE BE PLACED ADJACENT TO THE FIRE PUMP CONTROLLER STATING THE LOCATION OF THE DISCONNECTING MEANS AND THE LOCATION OF ANY KEY NEEDED TO UNLOCK THE DISCONNECT.
4	FIRE PUMP DISCONNECTING MEANS SUPERVISION: NFPA 20 9.2.3.3; THE DISCONNECTING MEANS MUST BE SUPERVISED IN THE CLOSED POSTION BY ONE OF THE FOLLOWING METHODS. (1) CENTRAL STATION PROPRIETARY OR REMOTE SIGNAL DEVICE. (2) LOCAL SIGNALING SERVICE THAT WILL CAUSE TH SOUNDING OF AN AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION (3) LOCKING THE DISCONNECTING MEANS IN THE CLOSED POSITION (4) WHERE THE DISCONNECTING MEANS IS LOCATED WITHIN FENCED ENCLOSURES OR IN BUILDINGS UNDER THE CONTROL OF THE OWNER, SEALING THE DISCONNECTING MEANS AND PERFORMING APPROVED WEEKLY RECORDED INSPECTIONS.
5	LOCKED ROTOR LOAD: OVERCURRENT PROTECTION DEVICE HAS BEEN SIZED TO CARRY A MAXIMUM LOCKED ROTOR AMPERAGE PER CEC 430.251 (B) TABLE: 100HP @ 460V 3PHASE IS 725AMPS. A 800AMP CIRCUIT BREAKER HAS BEEN PROVIDED.
6	PROVIDE THE REQUIRED "ARC-FLASH ENERGY REDUCTION" MAINTENANCE SWITCH PER 2023 CEC 240.87 AS AN ACTIVE ARC FLASH MITIGATION SYSTEM FOR CIRCUIT BREAKERS RATED 1200A OR HIGHER. A MAINTENANCE MODE "ON" WHEN "LIT" INDICATOR IS

REQUIRED ON THE SWITCHBOARD FACE.

		DESIGNATION	DESCRIPTION
		ET	ELECTRONIC TRIP BREAKER
	AA	IC	INSULATED CASE BREAKER
		MC	MOLDED CASE BREAKER
		TM	THERMAL MAGNETIC BREAKER
1		AC	AUXILIARY CONTACT
ABC/3		ER	ENERGY REDUCTION MAINTENANCE SETTINGS
AABBC_	BB	GF	GROUND-FAULT CURRENT INTERRUPTER
	BB	LG	LSIG BREAKER
		LS	LSI BREAKER
		SH	SHUNT TRIP
	С	1	100% RATED BREAKER
		-	80% RATED BREAKER

<u> </u>	CONDUIT	CONDUCTORS
15A	3/4°C	3#12cu & #12cu GND
15B	3/4°C	2#12cu & #12cu GND
20A	3/4°C	4#12cu & #12cu GND
20B	3/4°C	3#12cu & #12cu GND
30A	3/4°C	4#10cu & #10cu GND
30B	3/4°C	3#10cu & #10cu GND
40A	3/4°C	4#8cu & #10cu GND
40B	3/4°C	3#8cu & #10cu GND
55A	1"C	4#6cu & #10cu GND
55B	3/4°C	3#6cu & #10cu GND
70A	1 1/4"C	4#4cu & #8cu GND
70B	1 1/4°C	3#4cu & #8cu GND
70C	1 1/4"C	4#4cu & #6cu GND
70D	1"C	2#4cu & #6cu GND
115A *	1 1/4°C	3#2cu & #6cu GND
115C	1 1/4"C	#2cu & #6cu GND
130A	1 1/2°C	4#1cu & #6cu GND
150A	2"C	4#1/0cu & #6cu GND
175A	2"C	4#2/0cu & #6cu GND
175B	2"C	3#2/0cu & #6cu GND
175C	2"C	4#2/0cu & #4cu GND
200A	2"C	4#3/0cu & #6cu GND
230A	2 1/2°C	4#4/0cu & #4cu GND
230C	2 1/2°C	4#4/0cu & #2cu GND
255A	3"C	4#250MCMcu & #4cu GND
285A	3"C	4#300MCMcu & #4cu GND
310A	3°C	4#350MCMcu & #4cu GND
335A	3°C	4#400MCMcu & #2cu GND
380B	4"C	3#500MCMcu & #2cu GND
380A	4°C	4#500MCMcu & #2cu GND
400A	(2) 2°C	4#3/0cu & #2cu GND. IN EACH CONDUIT
400B	(2) 2 °C	3#3/0cu & #2cu GND. IN EACH CONDUIT
400C	(2) 2 °C	4#3/0cu & #2cu GND. IN EACH CONDUIT
450A	(2) 2 C (2) 2 1/2°C	4#4/0cu & #2cu GND. IN EACH CONDUIT
450B	(2) 2 1/2°C	3#4/0cu & #2cu GND. IN EACH CONDUIT
500A	(2) 2 1/2 C	4#250MCMcu & #2cu GND. IN EACH CONDUIT
600A	(2) 3°C	4#350MCMcu & #1cu GND. IN EACH CONDUIT
600C	(2) 3°C (2) 4°C	4#350MCMcu & #2/0cu GND. IN EACH CONDUIT
700A		4#500MCMcu & #1/Ocu GND. IN EACH CONDUIT
800A	(3) 3°C	4#300MCMcu & #1/Ocu GND. IN EACH CONDUIT
800B	(3) 3°C	3#300MCMcu & #1/Ocu GND. IN EACH CONDUIT
1000A	(3) 3°C	4#400MCMcu & #2/Ocu GND. IN EACH CONDUIT
1000B	(3) 3°C	3#400MCMcu & #2/0cu GND. IN EACH CONDUIT
1000C	(3) 3°C	4#400MCMcu & #2/Ocu GND. IN EACH CONDUIT
1200A	(4) 3°C	4#350MCMcu & #3/0cu GND. IN EACH CONDUIT
1200B	(4) 3°C	3#350MCMcu & #3/0cu GND. IN EACH CONDUIT
1600A	(5) 3°C	4#400MCMcu & #4/0cu GND. IN EACH CONDUIT
2000A	(6) 3°C	4#400MCMcu & #250MCMcu GND. IN EACH CONDUIT
2000C	(6) 3°C	4#400MCMcu & #3/0cu GND. IN EACH CONDUIT
05001	(7) 4"C	4#500MCMcu & #350MCMcu GND. IN EACH CONDUIT
2500A 3000A	(8) 4°C	4#500MCMcu & #400MCMcu GND. IN EACH CONDUIT

SINGLE LINE FEEDER SCHEDULE

RAMONA OPPORTUNITY

RAMONA OPPORTUNITY **INDUSTRIAL**

RAMONA AVENUE SACRAMENTO, CA 95826

ARCHITECT OF RECORD:



VEGAS BUILDS, INC. 12893 ALCOSTA BLVD. SUITE N SAN RAMON, CA 94583 (650) 223-3188

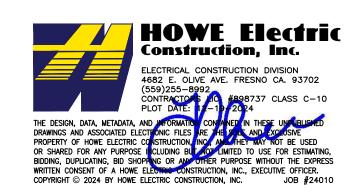
(916) 984-7621

(916) 827-4020

CIVIL ENGINEER OF RECORD: MORTON & PITALO, INC. 600 COOLIDGE DRIVE, SUITE 140 FOLSOM, CA 95630

LANDSCAPE ARCHITECT OF RECORD: ROACH + CAMPBELL 947 ENTERPRISE DRIVE LOFT B SACRAMENTO, CA 95825

4682 E. OLIVE AVENUE FRESNO, CA 93702 (559) 255-8992



NO. DATE ISSUE

COORDINATION DOCUMENT

CONSTRUCTION

VBI PROJECT No: 2024.02

DRAWING TITLE: SINGLE LINE DIAGRAM



E010

SITE PLAN DESIGN REVIEW PACKAGE 12/19/2024

PANEL 3000		ISA	277/480V 3PH 4W								×	- MAIN E - NEMA - SURFA			- LUGS C - NEM A 3 - FLUSH I	R
	FEED			4	S	M UD TRAI	NSFORM	MER			65K	- A.I.C. F	RATING	LOCATIO	N - ELECT	RM #30
скт	BRKR	POLE	DESCRIPTION / LOCATION	Aj	h	Вр	h	Cı	h	DESCRIPTION / LOCATION	BRKR	POLE	СКТ	LTS	RCP	SPC
1	100	3	PANEL HA1	2060		1599		0		AIR NETWORK EQUIPMENT	100	3	2	0.00	0.00	1.00
3	350	3	PANEL LEV VIA 'TEV'	53040	1	53040	0	49920	0	PANEL LA 1 VIA 'TA'	110	3	4	0.00	0.00	1.00
5	70	3	PANEL LSPA VIA 'TS'	3500	1	3500	0	1500	0	PANEL LM2 V IA 'TM2'	450	3	6	0.00	0.00	1.00
7	50	3	FUTURE PANEL LTP1 VIA TP1"	1	1	0	0	0	0	DISTRIBUTION PANEL DP2M	800	3	8	1.00	0.00	0.00
9	125	3	FUTURE PANEL HTP1	1	1	0	0	0	0	PANEL LT VIA 'T1'	50	3	10	1.00	0.00	0.00
11	50	3	FUTURE PANEL LTP2 V IA 'TP2'	1		0		0		ELEVATOR	50	3	12	1.00	0.00	0.00
13	110.	3	FUTURE PANEL LWP VIA TW	1		1		0		BOOSTER PUMP-1	35	3	14	1.00	0.00	0.00
15	125	3	FUTURE PANEL HWP	1		0		0		BOOSTER PUMP-2	35	3	16	1.00	0.00	0.00
17	200	3	FUTURE PANEL H281	2		0		0		BOOSTER PUMP-1A (FUTURE)	35	3	18	1.00	0.00	0.00
19	300	3	SPACE (FUTURE LARGE EV)							BOOSTER PUMP-2A (FUTURE)	35	-3	20	0.00	0.00	1.00
21	200	3	SPACE		0		0		0	SPACE (FUTURE SOLAR MAX 600A)	600	-3	22		2,00	1,00
23	200	3	SPACE							SPACE	200	3	24			
		PANEL	CONNECTED LOAD / PHASE	586	511	581	140	514	120							
		ADD 250 FIRST 10 REMAIN	CONNECTED LOAD % CONTINUOUS LIGHTING LOAD 0KVA OR LESS RECEPTACLE LOAD DER OVER 10KVA % LARGEST MOTOR LOAD		168,171	I VA		202.3	AMPS					3.67 0.92	0.00 0.00 0.00	0.00
		PANEL	DEMAND LOAD		169,089	AV 6		203.4	AMPS					4.59	0.00	164.50
					6.78	% OF PAN	EL CAF	PACITY	-	1						

NEL 100 BTM	AMP B	IA1	277/480V 3PH 4W			FED FR	OM M SA			1	x	- MAIN E - NEM A - SURFA - A.I.C. F	CEMNT		- LUGS OF - NEM A 31 - FLUSH M N - ELECT	R MNT
	20112	2015	- PERSONNEL CONTROL						54	DESCRIPTION ASSAULA	DOMO	2015	au.	1.70	non	
1	BRKR 20	POLE	DESCRIPTION / LOCATION SITE LIGHTING	1700	360	I	ph		ph	DESCRIPTION / LOCATION PERGOLA LIGHTING	BRKR 20	POLE 1	CKT 2	1.00	0.00	0.00
3	200		SITE LIGHTING	11.00	988	1599	0			SPARE		1	4	1.00	0.00	0.00
-	20	1	1 7-2 2 - 2	-	_	1399	ņ	- 2		0.5 %	20					
5	20	1	SPARE					0	0	SPARE	20	1	6			
7	20	1	SPARE	0	0					SPARE	20	1	8			
9	20	1	SPARE			0	0			SPARE	20	1	10			
11	20	1	SPARE					0	0	SPARE	20	1	12			
13	20	1	SPARE	0	0					SPARE	20	1	14			
15	20	1	SPARE			0	0			SPARE	20	1	16	1		
17	20	1	SPARE					0	0	SPARE	20	1	18			
19	20	1	SPARE	0	0				-	SPARE	20	1	20			
21	20	1	SPARE			0	0			SPARE	20	1	22			
23	20	1	SPARE					ō	0	SPARE	20	1	24			
25	20	1	SPARE	0	0					SPARE	20	1	26			
27	20	1	SPARE			0	0			SPARE	20	1	28			
29	20	1	SPARE	+	-			0	0	SPARE	20	1	30			
								U	U				755			
31	20	1	SPARE	0	0					SPARE	20	1	32			
33	20	1	SPARE		_	0	0			SPARE	20	1	34			
35	20	1	SPARE					0	0	SPARE	20	1	36			
37	20	1	SPARE	0	0					SPARE	20	1	38	4		
39	20	1	SPARE			0	0			SPARE	20	1	40			
41	20	1	SPARE					0	0	SPARE	20	1	42			
		PANEL	CONNECTED LOAD / PHASE	2	060	10	599		0							
		ADD 25 FIRST REMAIL	CONNECTED LOAD 5% CONTINUOUS LIGHTING LOAD 10KVA OR LESS RECEPTACLE LOAD NDER OVER 10KVA 5% LARGEST MOTOR LOAD		3,659	VA		4.4	AMPS					3.66 0.91	0.00 0.00 0.00	0.00
		PANEL	DEM AND LOAD		4,574	VA		5.5	AMPS	7. 27.				4.57	0.00	0.00
					5.50	% OF PAI	NEL CAPA	ACITY]						
TES:																

	AMP BU		A" 120/208V 3PH 4W		FEI	O FROM 'H	HSP' VIA	'TS'			×	- MAIN E - NEMA - SURFA - A.I.C. E	CEMNT	LOCATIO	- LUGS O - NEM A 3 - FLUSH I DN - ELEC 1	BR MNT
СКТ	BRKR	POLE	DESCRIPTION / LOCATION	А	ph	В	ph	C	ph	DESCRIPTION / LOCATION	BRKR	POLE	СКТ	LTS	RCP	SPC
1			MOTORIZED GATE#1	1000	1000					MOTORIZED GATE #2	-		2	0.00	0.00	1.00
3	- 20	2	MOTORIZED GATE#1			1000	1000			MOTORIZED GATE #2	20	2	4	0.00	0.00	1.0
5	20	1	MONUMENT SIGN					1000	500	IRRIGATION CONTROLLER	20	1	6	0.00	0.00	1.0
7			IRRIGATION PUMP	1500	0					SPARE	20	1	8	0.00	0.00	1.0
9	30	2	IRRIGATION PUMP			1500	0			SPARE	20	1	10	0.00	0.00	1.0
11	20	1	SPARE					0	0	SPARE	20	1	12			
13	20	1	SPARE	0	0					SPARE	20	1	14			
15	20	1	SPARE			0	0			SPARE	20	1	16			
17	20	1	SPARE					0	0	SPARE	20	1	18			
19	20	1	SPARE	0	0					SPARE	20	1	20			
21	20	1	SPARE			0	0			SPARE	20	1	22			
23	20	1	SPARE					0	0	SPARE	20	1	24			
25	20	1	SPARE	0	0		- 1			SPARE	20	4	26			
27	20	1	SPARE			0	0			SPARE	20	1	28			
29	20	1	SPARE					0	0	SPARE	20	1	30			
31	20	1	SPARE	0	0					SPARE	20	1	32			
33	20	1	SPARE			0	Ö			SPARE	20	Í	34			
35	20	1	SPARE					0	0	SPARE	20	1	36			
37	20	1	SPARE	0	0					SPARE	20	1	38			
39	20	1	SPARE			0	0			SPARE	20	1	40			
41	20	1	SPARE					0	0	SPARE	20	1	42			
		PANEL	CONNECTED LOAD / PHASE	36	500	35	600	15	00							
		PANEL ADD 25 FIRST 10 REMAIN	CONNECTED LOAD % CONTINUOUS LIGHTING LOAD DKVA OR LESS RECEPTACLE LOAD DER OVER 10KVA % LARGEST MOTOR LOAD		8,500	VA		23.6	AMPS					0.00 0.00	0.00 0.00 0.00	0.0
		PANEL	DEM AND LOAD		8,500	VA		23.6	AMPS					0.00	0.00	8.5
NOTES:					18.89	% OF PAI	NEL CAP	ACITY]						

PANEL 800		EV	120/208V 3PH 4W								<u>x</u>	- NEM A - SURFA	CEMNT		- LUGS O - NEM A 3 - FLUSH I	R M NT
			_ N. ** PST		FED	FROM 'M	SA' VIA	'TEV'			22K	- A.I.C. F	RATING	LOCATIO	N - ELECT	T RM
СКТ	BRKR	POLE	DESCRIPTION / LOCATION	A	ph	В	ph	С	ph	DESCRIPTION / LOCATION	BRKR	POLE	СКТ	LTS	RCP	S
1			EV CHARGER	3120	3120					EV CHARGER	7 4		2	0.00	0.00	1
3	40	2	EV CHARGER			3120	3120			EV CHARGER	40	2	4	0.00	0.00	- 1
			100 AC - 2 C - 2 C	+		2100	4.44	2420	2420					0.00	0.00	1
5	40	2	EV CHARGER					3120	3120	EV CHARGER	40	2	6	0.00	0.00	1
7			EV CHARGER	3120	3120		_			EV CHARGER			8	0.00	0.00	1
9	40	2	EV CHARGER			3120	3120	-		EV CHARGER	40	2	10	0.00	0.00	1
11	10		EV CHARGER					3120	3120	EV CHARGER	10		12	0.00	0.00	1
13	17.1		EV CHARGER	3120	3120				•	EV CHARGER	T Inc.	1,11	14	0.00	0.00	1
15	40	2	EV CHARGER			3120	3120			EV CHARGER	40	2	16	0.00	0.00	- 1
17		-	EV CHARGER	+	_	-	100.00	3120	3120	EV CHARGER	-		18	0.00	0.00	1
-	40	2		2400	2400		_	0120	0.20		40	2		0.00	0.00	1
19			EV CHARGER	3120	3120					EV CHARGER			20	0.00	0.00	1
21	40	2	EV CHARGER			3120	3120			EV CHARGER	40	2	22	0.00	0.00	1
23			EV CHARGER					3120	3120	EV CHARGER			24	0.00	0.00	1
25	100	1	FUTURE EV CHARGER	3120	3120	-				FUTURE EV CHARGER		7. 1	26	0.00	0.00	1
27	40	2	FUTURE EV CHARGER			3120	3120			FUTURE EV CHARGER	40	2	28	0.00	0.00	1
29			FUTURE EV CHARGER	1		-		3120	3120	FUTURE EV CHARGER			30	0.00	0.00	- 1
31	40	2	FUTURE EV CHARGER	3120	3120					FUTURE EV CHARGER	40	2	32	0.00	0.00	1
		-		0120	0120	2400	2400		_		_			0.00	0.00	1
33	40	2	FUTURE EV CHARGER			3120	3120			FUTURE EV CHARGER	40	2	34	0.00	0.00	1
35			FUTURE EV CHARGER					3120	3120	FUTURE EV CHARGER	-		36	0.00	0.00	- 1
37	40	2	FUTURE EV CHARGER	3120	3120					FUTURE EV CHARGER	40	2	38	0.00	0.00	1
39	40	2	FUTURE EV CHARGER			3120	3120		- 1	FUTURE EV CHARGER	40	2	40	0.00	0.00	1
41			FUTURE EV CHARGER					3120	3120	FUTURE EV CHARGER	1 2	127	42	0.00	0.00	1
43	40	2	FUTURE EV CHARGER	3120	3120		-			FUTURE EV CHARGER	40	2	44	0.00	0.00	1
45			FUTURE EV CHARGER			3120	3120			FUTURE EV CHARGER			46	0.00	0.00	1
	40	2		+		3120	3120	0.000	0.000	No. of the Control of	40	2	11331	0.00	0.00	1
47			FUTURE EV CHARGER					3120	3120	FUTURE EV CHARGER			48	0.00	0.00	- 1
49	40	2	FUTURE EV CHARGER	3120	0			1		SPARE			50			
51			FUTURE EV CHARGER			3120	0			SPARE	1		52	0.00	0.00	1
53			SPARE					0	0	SPARE			54			
		PANEL	CONNECTED LOAD / PHASE	53	040	53	040	49	920					7		
		ADD 25 FIRST 1 REMAIN	CONNECTED LOAD % CONTINUOUS LIGHTING LOAD 0KVA OR LESS RECEPTACLE LOAD DER OVER 10KVA		156,000	VA		433.0	AMPS	-				0.00	0.00 0.00 0.00	15
		ADD 25	% LARGEST MOTOR LOAD													0

69.33% OF PANEL CAPACITY

RAMONA OPPORTUNITY
LLC

RAMONA OPPORTUNITY INDUSTRIAL

RAMONA AVENUE SACRAMENTO, CA 95826

ARCHITECT OF RECORD:



VEGAS BUILDS, INC. 12893 ALCOSTA BLVD. SUITE N SAN RAMON, CA 94583 (650) 223-3188

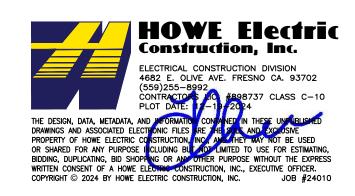
(916) 984-7621

CIVIL ENGINEER OF RECORD: MORTON & PITALO, INC. 600 COOLIDGE DRIVE, SUITE 140 FOLSOM, CA 95630

LANDSCAPE ARCHITECT OF RECORD: ROACH + CAMPBELL 947 ENTERPRISE DRIVE LOFT B SACRAMENTO, CA 95825 (916) 827-4020

ELECTRICAL ENGINEER OF RECORD: HOWE ELECTRIC 4682 E. OLIVE AVENUE FRESNO, CA 93702 (559) 255-8992

NO. DATE ISSUE





VBI PROJECT No: 2024.02

DRAWING TITLE:
PANEL SCHEDULES

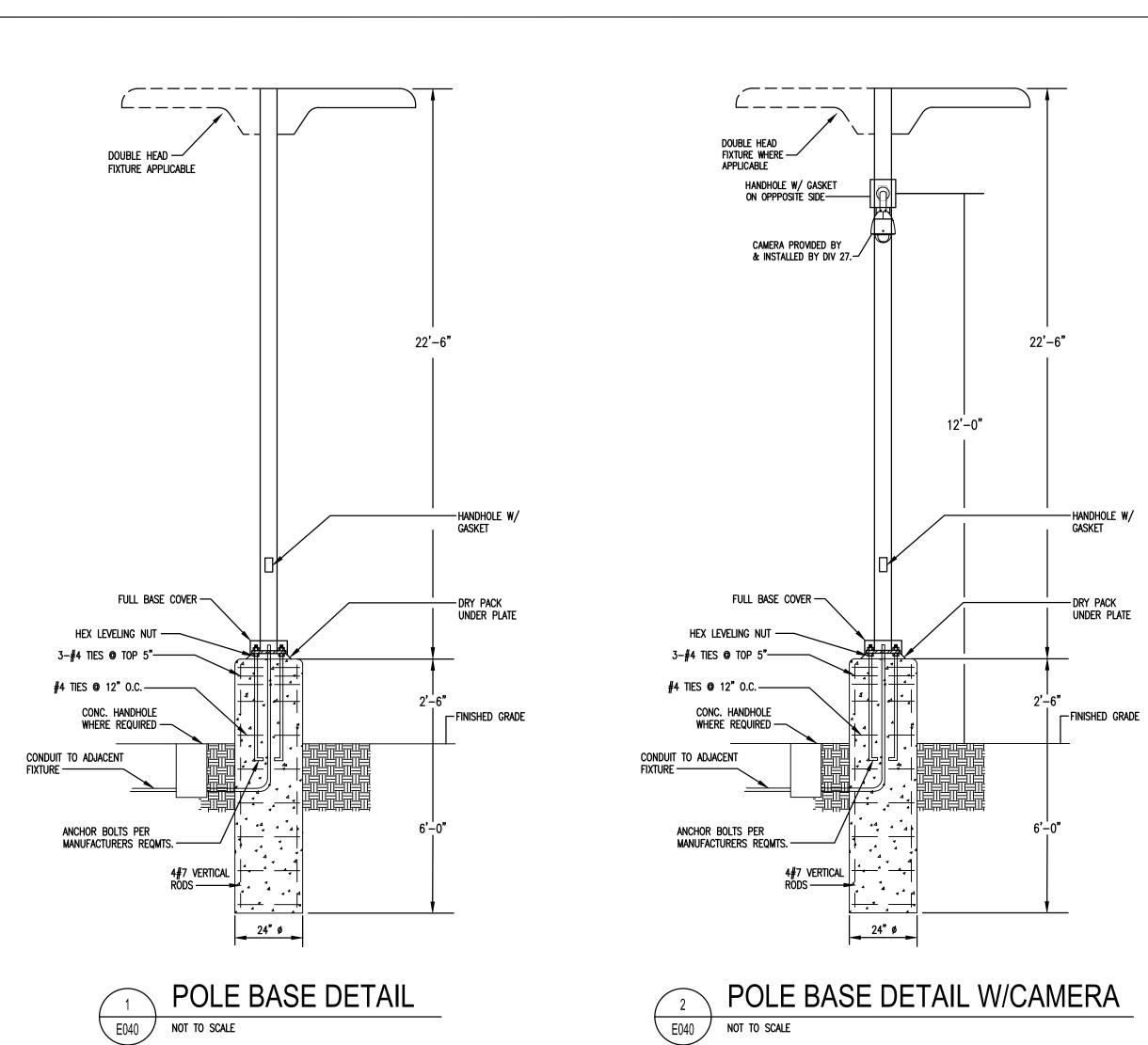


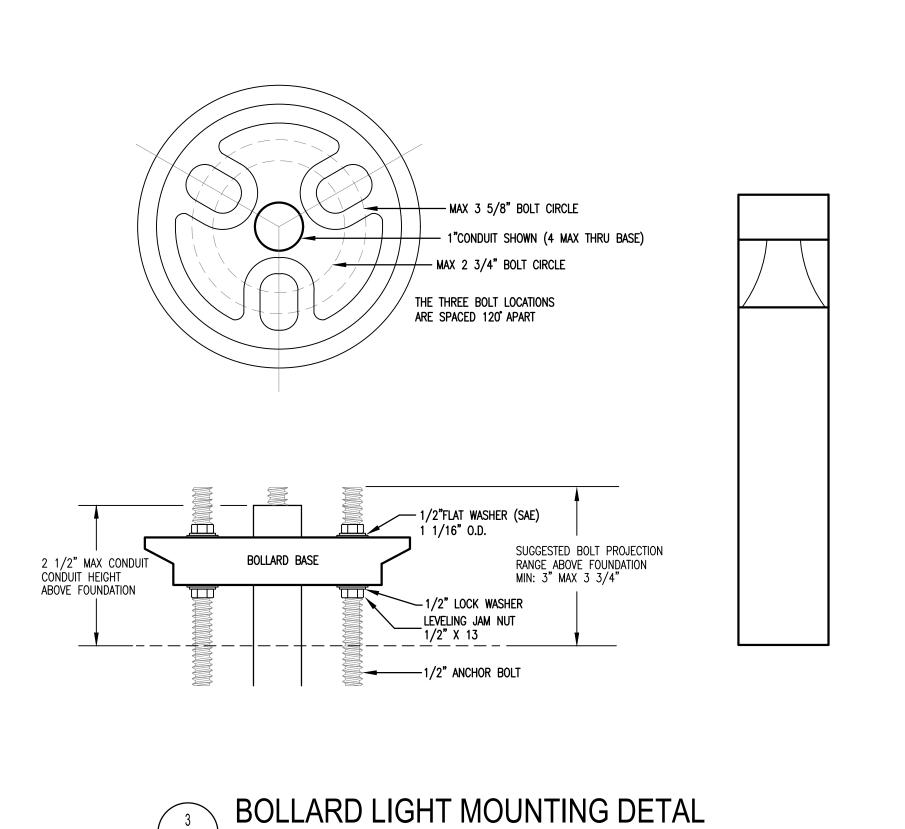
E020A

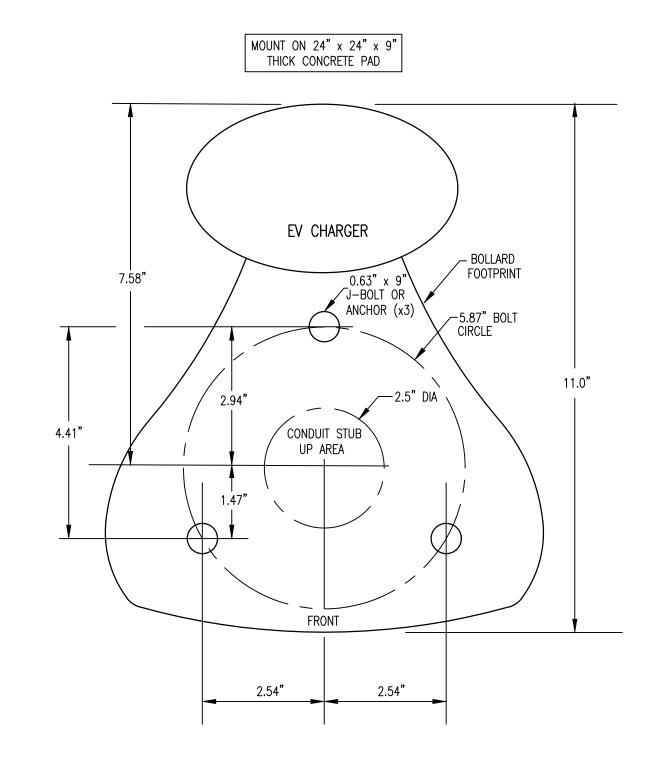
SITE PLAN DESIGN REVIEW PACKAGE 12/19/2024

MSA HA1 LSP LEV

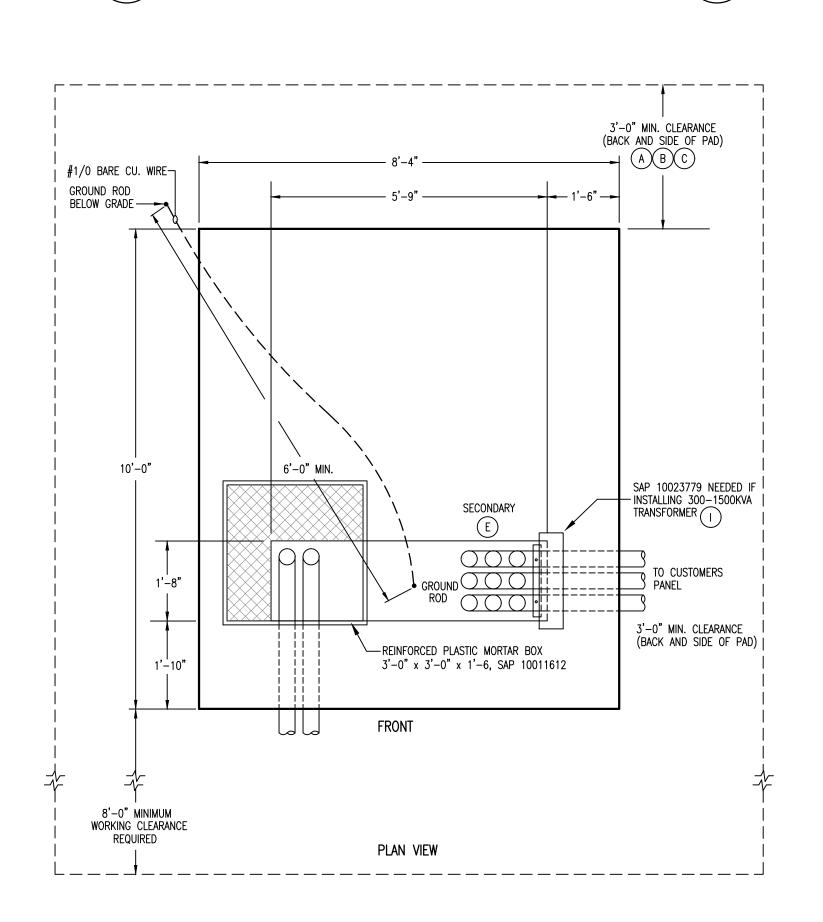
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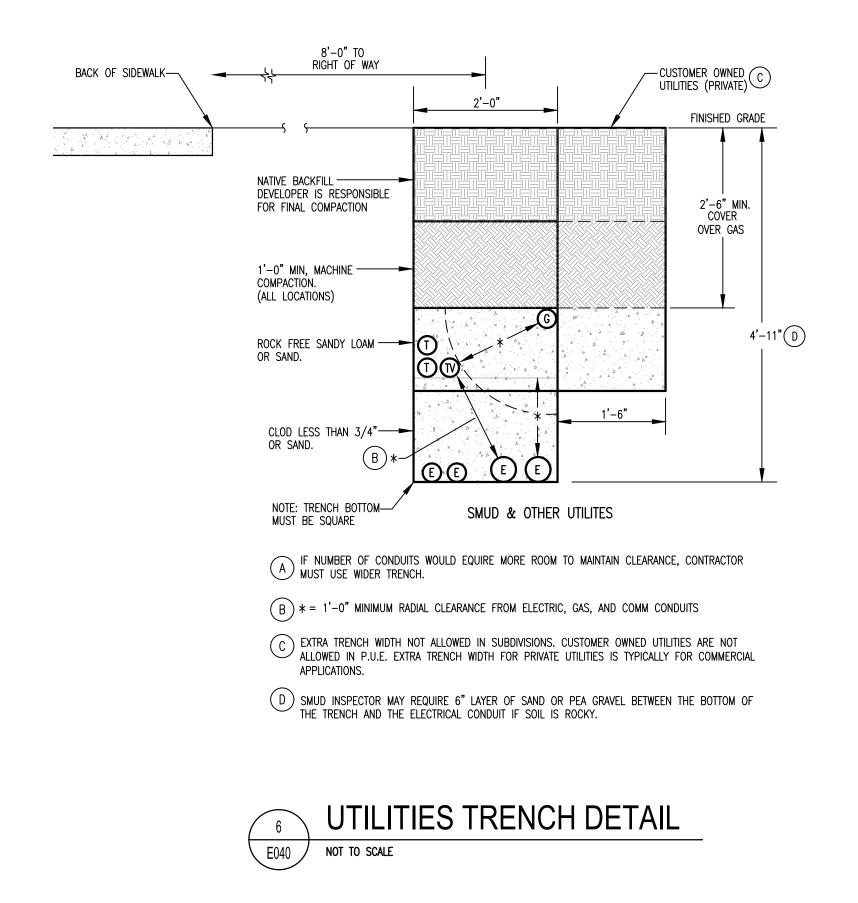






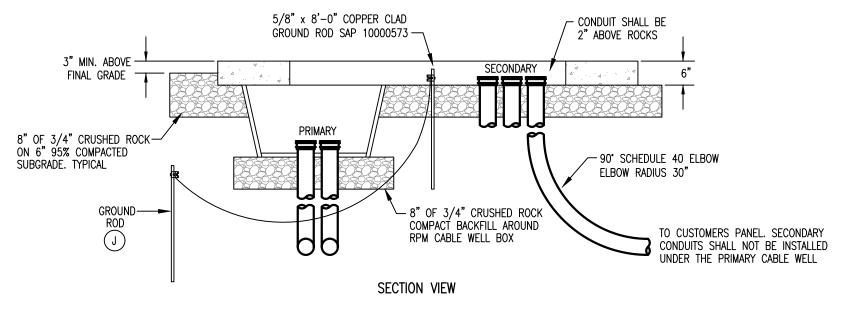
EV CHARGER MOUNTING DETAIL E040 NOT TO SCALE





E040

NOT TO SCALE



THE TRANSFORMER PAD SHALL BE SO LOCATED THAT THE PAD SIDE OR SIDES ADJACENT TO THE SURFACE OF A BUILDING SHALL HAVE CLEARANCE NOT LESS THAN 3'-0". THIS CLEARANCE MAY BE REDUCED TO 2'-0" IF THE BUILDING SURFACE IS NON-COMBUSTIBLE. CONTACT

- (B) ANY EXISTING OR PROPOSED SWITCHGEAR OR ELECTRICAL EQUIPMENT MUST PROVIDE CLEARANCES FROM THE TRANSFORMER AND PAD, LISTED BY NATIONAL ELECTRIC CODE.
- © PROTECTIVE GUARDS SHALL BE INSTALLED, PER SMUD ENGINEERED DRAWINGS UVD2.4 & UVD2.5, WHERE THE TRANSFORMER MAY BE LESS THAN 5'-0" FROM VEHICULAR TRAFFIC. ALL CLEARANCES MUST BE APPROVED BY SMUD'S DISTRIBUTION LINE DESIGN DEPARTMENT (D) CUSTOMER INSTALLED SECONDARY CABLE MUST EXTEND A MINIMUM OF 6'-0" OUT OF CONDUIT
- (E) THE MAXIMUM NUMBER OF SERVICE OR SECONDARY CONDUCTORS PER PHASE TO BE CONNECTED TO THE TRANSFORMER IS 12 AND THE
- MAXIMUM SIZE OF CONDUCTOR ALLOWED IS 750 KCMIL. SEE UAD1.5 FOR MORE DETAILS. F SEE UAD1.5 TO VERIFY IF A SECONDARY JUNCTION BOX IS REQUIRED FOR THE 10'-0" x 8'-9" TRANSFORMER PAD. A 36" X 36" X 18" WELL MAY BE INSTALLED ON THE SECONDARY SIDE, IN ORDER TO ACCOMODATE MORE CONDUITS.
- (G) PRIMARY CONDUIT ELBOWS SHALL BE 90 SCHEDULE 40 WITH A 30" RADIUS AND CONCRETE ENCASED.
- (H) EXPANSION JOINTS SHALL BE INSTALLED BETWEEN THE CONCRETE TRANSFORMER PAD AND ADJACENT CONCRETE WALKWAYS, DRIVEWAYS' ETC.
- () DRILL HOLES AT THE BASE OF THE TRANSFORMER. ATTACH PLATE WITH 3/8" NUT & BOLT.
- J SECOND GROUND ROD SHALL BE INSTALLED PER REQUIREMENT IN T007. THE ROD SHALL BE PLACED WITH IN THE PUE OR DEDICATED RIGHT OF WAY.





VBI PROJECT No: 2024.02

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RAMONA OPPORTUNITY

RAMONA OPPORTUNITY

INDUSTRIAL

RAMONA AVENUE

SACRAMENTO, CA 95826

vegas builds

VEGAS BUILDS, INC. 12893 ALCOSTA BLVD. SUITE N

CIVIL ENGINEER OF RECORD: MORTON & PITALO, INC. 600 COOLIDGE DRIVE, SUITE 140

947 ENTERPRISE DRIVE LOFT B

SACRAMENTO, CA 95825

LANDSCAPE ARCHITECT OF RECORD: ROACH + CAMPBELL

SAN RAMON, CA 94583

FOLSOM, CA 95630

(650) 223-3188

(916) 984-7621

ARCHITECT OF RECORD:

DRAWING TITLE: SITE DETAILS





E040

SITE PLAN DESIGN REVIEW **PACKAGE** 12/19/2024

ELECTRICAL SITE PLAN SCALE: 1"=30'-0"

RAILROAD

RAMONA OPPORTUNITY

RAMONA OPPORTUNITY **INDUSTRIAL**

RAMONA AVENUE SACRAMENTO, CA 95826

ARCHITECT OF RECORD:



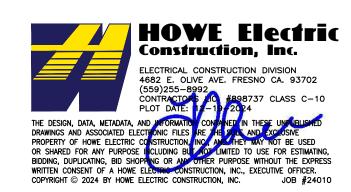
VEGAS BUILDS, INC. 12893 ALCOSTA BLVD. SUITE N SAN RAMON, CA 94583 (650) 223-3188

CIVIL ENGINEER OF RECORD: MORTON & PITALO, INC. 600 COOLIDGE DRIVE, SUITE 140 FOLSOM, CA 95630

(916) 984-7621 LANDSCAPE ARCHITECT OF RECORD: ROACH + CAMPBELL 947 ENTERPRISE DRIVE LOFT B SACRAMENTO, CA 95825

(916) 827-4020

4682 E. OLIVE AVENUE FRESNO, CA 93702 (559) 255-8992



NO. DATE ISSUE

COORDINATION DOCUMENT NOT FOR CONSTRUCTION

VBI PROJECT No: 2024.02

DRAWING TITLE: ELECTRICAL SITE PLAN

SCALE: AS SHOWN

E100

SITE PLAN DESIGN REVIEW PACKAGE 12/19/2024

SITE SHEET NOTES

1) DUAL ELECTRIC VEHICLE CHARGING STATION WITH 1"PVC-4#6 & #10 GROUND, BACK TO MAIN ELECTRICAL ROOM

FUTURE DUAL ELECTRIC VEHICLE CHARGING STATION LOCATION WITH 1"PVC BACK TO MAIN ELECTRICAL ROOM EV PANEL.

FUTURE MEDIUM/HEAVY DUTY ELECTRIC VEHICLE CHARGING STATION LOCATION WITH 3"PVC BACK TO MAIN ELECTRICAL ROOM.

4 LIGHT FIXTURE SHOWN FOR REFERENCE & PHOTOMETRIC PURPOSES ONLY. FIXTURE TO BE FURNISHED AND INSTALLED UNDER BUILDING PERMIT PACKAGE

5 UTILITY TRANSFORMER PAD & WITH BARRIER POSTS PER S.M.U.D. REQUIREMENTS

6 (1) 4"PVC- S.M.U.D. PRIMARY

7 (1) 6"PVC- S.M.U.D. PRIMARY

8 (2) 4"PVC- S.M.U.D. PRIMARY 9 (2) 6"PVC- S.M.U.D. PRIMARY

(7) 5"PVC 4#750 MCM cu & 1#400 MCM cu GND. IN EACH CONDUIT

11) 1"PVC-4#6cu & 1#10cu

12 1"PVC-2#10cu & #10cu GROUND

13) 3/4"PVC-2#10cu & #10cu GROUND

14) 3/4"PVC-2#12cu & #12cu GROUND

15) LOCKABLE CABINET FOR LIGHTING CONTROL COMPONENTS: (1) SYSTEM CONTROLLER: SENSORSWITCH #NECYA-MVOLT-ENC-GFXK

(5) POWER/RELAY PACK: SENSORSWITCH #NPP16-D-EFP
(3 SITE LIGHTING, 1 MONUMENT SIGN)
(1) MULTI-CHANNEL LV SWITCH: SENSORSWITCH #NPODMA-4P-DX-WH
(MANUAL CONTROL, SITE LTG/SIGN CKTS) (16) PROPOSED LOCATION FOR FUTURE PV BATTERY STORAGE EQUIPMENT

17 1"PVC TO FACP

(18) 1"PVC TO I.T. ROOM FOR MOTORIZED GATE ACCESS CONTROL

(19) 72"x 96" SMUD PRIMARY PULL BOX WITH SPRING ASSIST

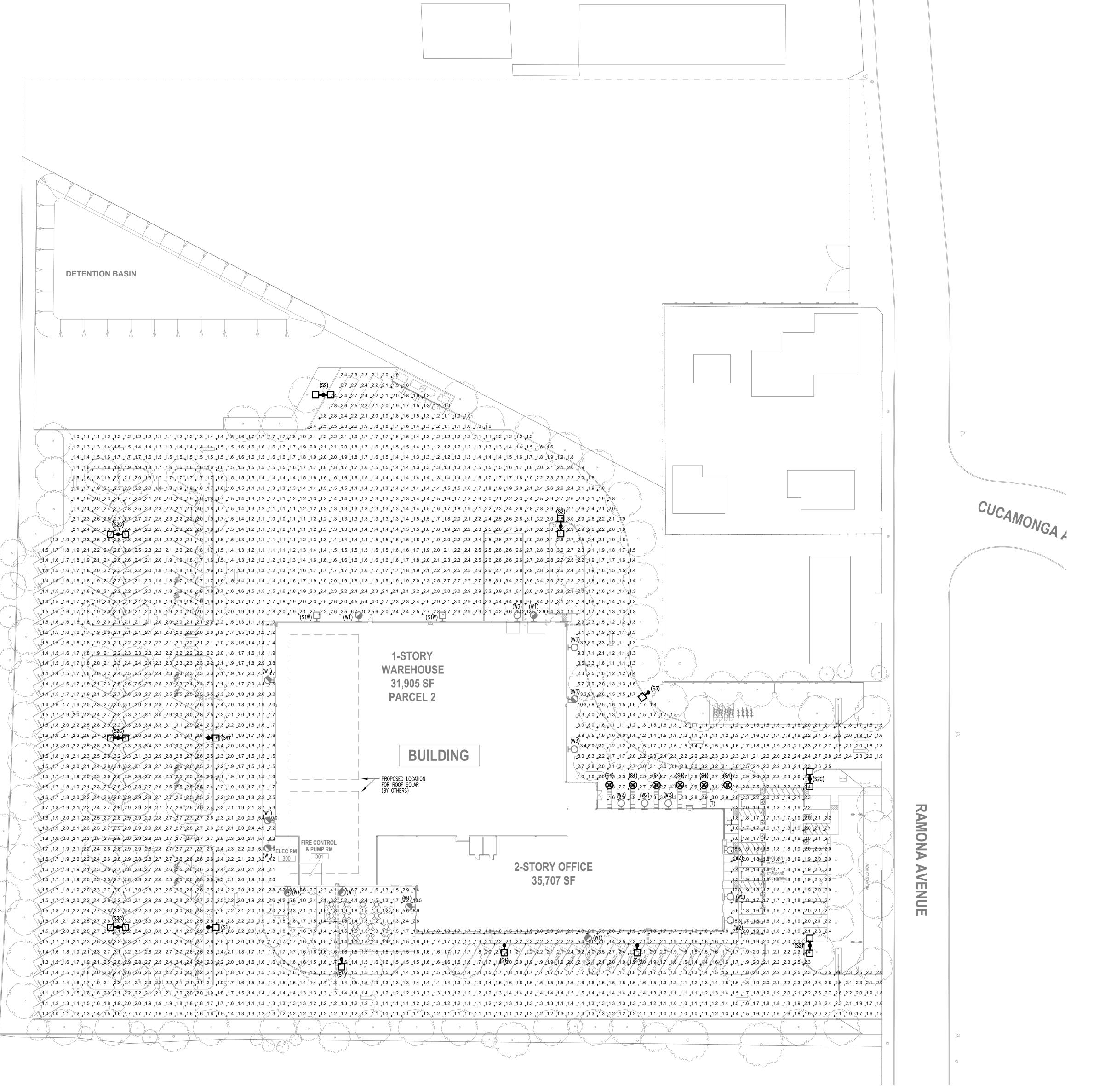
(20) 67"x 88"x 48" 12KV SMUD SWITCHGEAR BOX

(1) 4"PVC (ATT) TO I.T. ROOM FOR DATA SERVICES. (22) (2) 2"PVC (COMCAST) TO I.T. ROOM FOR DATA SERVICES.

(23) 24"x36"x36" COMMUNICATION PULL BOX

(24) NEW UTILITY POLE, PROVIDE AND INSTALLED BY SMUD.

(25) ELECTRONIC MARKER, PLACE AT PROPERTY LINE PER SMUD DIRECTION.



PHOTOMETRIC SITE PLAN

STATISTICS 2.1 fc | 18.5 fc | 1.0 fc | 18.5:1 | 2.1:1 **RAMONA OPPORTUNITY**

RAMONA OPPORTUNITY **INDUSTRIAL**

RAMONA AVENUE SACRAMENTO, CA 95826

ARCHITECT OF RECORD



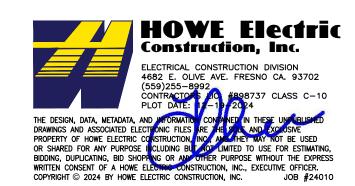
VEGAS BUILDS, INC. 12893 ALCOSTA BLVD. SUITE N SAN RAMON, CA 94583 (650) 223-3188

CIVIL ENGINEER OF RECORD MORTON & PITALO, INC. 600 COOLIDGE DRIVE, SUITE 140 FOLSOM, CA 95630

(916) 984-7621

LANDSCAPE ARCHITECT OF RECORDS 947 ENTERPRISE DRIVE LOFT B SACRAMENTO, CA 95825 (916) 827-4020

4682 E. OLIVE AVENUE FRESNO, CA 93702 (559) 255-8992

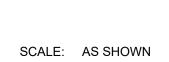


NO. DATE

COORDINATION **DOCUMENT**

VBI PROJECT No: 2024.02

DRAWING TITLE: PHOTOMETRIC SITE PLAN



E101

SITE PLAN DESIGN REVIEW **PACKAGE** 12/19/2024

nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4Bv for outdoor lighting the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities. Project Name: Ramona Opportunity Industrial Report Page: Project Address: Date Prepared: 2024-12: A. GENERAL INFORMATION O1 Project Location (city) Sacramento O4 Total Illuminated Hardscape Area (ft²) 202034 O2 Climate Zone D3 Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority Having Jurisdiction (AHJ): C2-0: Very Low - Undeveloped Parkland C3 LZ-2: Moderate - Urban Clusters C4-2: High - Must be reviewed by CA Energy Commission for Approva C5-3: Moderately High - Urban Areas O5 Occupancy Types within Project O6ffice Warehouse B. PROJECT SCOPE This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.	with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4Bv for outdoor lighting scopes using a dormitory and senior living facilities. Report Page:	This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)2L for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)4BV for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senting facilities. Project Name: Ramona Opportunity Industrial Report Page: [Page 1 of 11 Project Address: Date Prepared: 2024-12-18T18:12:13-05:0 A. GENERAL INFORMATION O1 Project Location (city) Sacramento 12	his document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)21 for outdoor lighting scopes using the prescriptive path for more idential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(a) and 180.2(b)48v for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes domittory and senior living facilities. Report Page:	his document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)21 for outdoor lighting scopes using the prescriptive path for more identical and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)6, 180.1(e) and 180.2(b)48v for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes domitory and senior living facilities. Report Page: Report	Outdoor Lighting					CALI	FORNIA ENER	GY COMMISSIO
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Office • Warehouse 3. PROJECT SCOPE This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.	oplication and are demonstrating compliance using the prescriptive path outlined in 140.7/ 02 wances from 140.7 / 170.2(e)6	Office • Warehouse 3. PROJECT SCOPE This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations. Wy Project Consists of: O1 Must Comply with Allowances from 140.7 / 170.2(e)6 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No O3 O4 O5	Office • Warehouse I. PROJECT SCOPE This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations. My Project Consists of: O1 O2 New Lighting System Must Comply with Allowances from 140.7 / 170.2(e)6 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No O5 When of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method Calculation Method Interese proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.	Office Warehouse PROJECT SCOPE In this table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations. My Project Consists of: O1 New Lighting System Must Comply with Allowances from 140.7 / 170.2(e)6 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No O5 W of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method <10% >= 10% and <50% >= 50%	☐ LZ-0: Very Low - Undeveloped Parkla	nd 🔲 LZ-2: Mo	derate - Urban Clusters	LZ-4: High - Must be review	ved by CA Ene	rgy Commission	for Approval	
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● Office ● Warehouse 3. PROJECT SCOPE This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.	02 wances from 140.7 / 170.2(e)6	◆ Office ◆ Warehouse S. PROJECT SCOPE This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations. My Project Consists of: O1 New Lighting System Must Comply with Allowances from 140.7 / 170.2(e)6 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No O3 O4 O5	• Office • Warehouse PROJECT SCOPE	● Office ● Warehouse PROJECT SCOPE his table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations. Project Consists of: O1 New Lighting System Must Comply with Allowances from 140.7 / 170.2(e)6 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No O5 % of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method <10% >= 10% and <50% >= 50%	05 Occupancy Types within Project		•	:			-	
B. PROJECT SCOPE This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.	02 wances from 140.7 / 170.2(e)6	S. PROJECT SCOPE This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations. My Project Consists of: 01 02 New Lighting System Must Comply with Allowances from 140.7 / 170.2(e)6 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No 05	A. PROJECT SCOPE This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations. Thy Project Consists of: O1 New Lighting System Must Comply with Allowances from 140.7 / 170.2(e)6 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No O5 % of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method < 10% >= 10% and < 50% >= 50% Status Complex the project's luminaires.	A. PROJECT SCOPE This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations. Thy Project Consists of: O1 New Lighting System Must Comply with Allowances from 140.7 / 170.2(e)6 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No O5 % of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method < 10% >= 10% and < 50% >= 50% Sum Total of Luminaires.	- Office 1M							
ly Project Consists of:	wances from 140.7 / 170.2(e)6	✓ New Lighting System Must Comply with Allowances from 140.7 / 170.2(e)6 ✓ Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No 03 04 05	New Lighting System Must Comply with Allowances from 140.7 / 170.2(e)6 Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No 05 % of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method < 10%	New Lighting System Must Comply with Allowances from 140.7 / 170.2(e)6 □ Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? O3 O4 O5 W of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method < 10%	nıs taple includes outdoor lighting systen							
01 02		Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes No 03 04 05	Altered Lighting System O3 O4 O5 % of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method < 10% >= 10% and < 50% >= 50%	Altered Lighting System O3 O4 O5 Sum Total of Luminaires Being Added or Altered Calculation Method < 10% >= 10% and < 50% >= 50%	170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for	alterations.						•
✓ New Lighting System Must Comply with Allowances from 140.7 / 170.2(e)6	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	03 04 05	03 04 05 % of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method □ < 10% □ >= 10% and < 50% □ >= 50% Dease proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.	03 04 05 % of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method □ < 10% □ >= 10% and < 50% □ >= 50% lease proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.	170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for one of the project Consists of:	alterations.		02				,
☐ Altered Lighting System Is your alteration increasing the connected lighting load (Watts)? Yes ○	sing the connected lighting load (Watts)? — Yes — No		% of Existing Luminaires Being Altered¹ Sum Total of Luminaires Being Added or Altered Calculation Method < 10% >= 10% and < 50% >= 50% Sum Total of Luminaires Being Added or Altered Calculation Method Idease proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.	% of Existing Luminaires Being Altered ¹ Sum Total of Luminaires Being Added or Altered Calculation Method < 10% >= 10% and < 50% >= 50% lease proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.	170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for My Project Consists of:	alterations.	Must Comply with Allowances					,
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% of Existing Luminaires Being Altered ¹ Sum Total of Luminaires Being Added or Altered Calculation Method	uminaires Daing Added on Altered	78 of Existing Editinates being Artered Sun total of Editinates being Artered Calculation Method	lease proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.	lease proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.	70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for only Project Consists of: 01 New Lighting System Altered Lighting System	alterations.	<u> </u>	from 140.7 / 170.2(e)6 e connected lighting load (Watts		Yes		
□ < 10% □ >= 10% and < 50% □ >= 50%	uninaires being Added or Aitered Calculation Method	□ < 10% □ >= 10% and < 50% □ >= 50%			70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for only Project Consists of: 01 New Lighting System Altered Lighting System 03		Is your alteration increasing th	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04			05	
	unimaries being Added or Altered Calculation Method				70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for a My Project Consists of: 01 New Lighting System Altered Lighting System 03 % of Existing Luminaires Being.	Altered ¹	Is your alteration increasing th	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04			05	
Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.		Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.	FOOTNOTES: % of Existing Lumingires Being Altered = (Sum Total of Lumingires Being Added or Altered / Existing Lumingires within the Scope of the Permit Application) x 100.	(### Altered Lighting System ### Altered Lighting System O3	Altered¹ □ >= 50%	Is your alteration increasing the	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04 res Being Added or Altered			05	
	luminaires.		то по то		70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for only Project Consists of: 01 New Lighting System Altered Lighting System 03 % of Existing Luminaires Being. 1 < 10% >= 10% and < 50% Please proceed to Table F. Outdoor Lighting	Altered¹ □ >= 50% ing Fixture Schedu	Is your alteration increasing the Sum Total of Luminal le to define the project's luminal	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04 res Being Added or Altered)?	Calcula	05 tion Method	No
	unimaries being Added or Altered Calculation Method				70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for a My Project Consists of: 01 New Lighting System Altered Lighting System 03 % of Existing Luminaires Being.	Altered ¹	Is your alteration increasing th	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04			05	
to the state of th		to an amount of the Fig. 1. And the authority of France Cale and the after the amount of the baselines.		FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.	70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for only Project Consists of: 01 New Lighting System Altered Lighting System 03 % of Existing Luminaires Being A	Altered¹ □ >= 50%	Is your alteration increasing the	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04 res Being Added or Altered			05	
	luminaires.				70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for only Project Consists of: 01 New Lighting System Altered Lighting System 03 % of Existing Luminaires Being. 1 < 10% >= 10% and < 50% Rease proceed to Table F. Outdoor Lighting	Altered¹ □ >= 50% ing Fixture Schedu	Is your alteration increasing the Sum Total of Luminal le to define the project's luminal	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04 res Being Added or Altered)?	Calcula	05 tion Method	No
	luminaires.				70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for only Project Consists of: 01 New Lighting System Altered Lighting System 03 % of Existing Luminaires Being. 1 < 10% >= 10% and < 50% Rease proceed to Table F. Outdoor Lighting	Altered¹ □ >= 50% ing Fixture Schedu	Is your alteration increasing the Sum Total of Luminal le to define the project's luminal	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04 res Being Added or Altered)?	Calcula	05 tion Method	No
	luminaires.				70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for only Project Consists of: 01 New Lighting System Altered Lighting System 03 % of Existing Luminaires Being. 1 < 10% >= 10% and < 50% Please proceed to Table F. Outdoor Lighting	Altered¹ □ >= 50% ing Fixture Schedu	Is your alteration increasing the Sum Total of Luminal le to define the project's luminal	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04 res Being Added or Altered)?	Calcula	05 tion Method	No
	luminaires.	Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires. FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.			70.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for on the following system □ Altered Lighting System □ 3 % of Existing Luminaires Being. □ < 10% □ >= 10% and < 50% Please proceed to Table F. Outdoor Lighting System	Altered¹ □ >= 50% ing Fixture Schedu	Is your alteration increasing the Sum Total of Luminal le to define the project's luminal	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04 res Being Added or Altered)?	Calcula	05 tion Method	No
	luminaires.				170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for on the following system □ Altered Lighting System □ 3 % of Existing Luminaires Being. □ < 10% □ >= 10% and < 50% Please proceed to Table F. Outdoor Lighting System	Altered¹ □ >= 50% ing Fixture Schedu	Is your alteration increasing the Sum Total of Luminal le to define the project's luminal	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04 res Being Added or Altered)?	Calcula	05 tion Method	No
	luminaires. g Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.	FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.	Generated Date/Time: Documentation Software: Energy Code Ac	Generated Date/Time: Documentation Software: Energy Code Ac	170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for on the second se	Altered¹ □ >= 50% ing Fixture Schedu	Is your alteration increasing the Sum Total of Luminal le to define the project's luminal Total of Luminaires Being Adde	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04 res Being Added or Altered ires. d or Altered / Existing Luminaires)?	Calcula Ope of the Perm	05 tion Method	No 1) x 100.
FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application Generated Date/Time: Documentation Software	luminaires. g Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100. Generated Date/Time: Documentation Software: Energy Code Ace	FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100. Generated Date/Time: Documentation Software: Energy Code Ace	, , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , ,	170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for or My Project Consists of: 01 New Lighting System 03 % of Existing Luminaires Being. System 03 % of Existing Luminaires Being. System 03 % of Existing Luminaires Being. FOOTNOTES: % of Existing Luminaires Being.	Altered ¹ >= 50% ing Fixture Schedule ing Altered = (Sum	Is your alteration increasing the Sum Total of Luminai le to define the project's lumina Total of Luminaires Being Adde	from 140.7 / 170.2(e)6 e connected lighting load (Watts 04 res Being Added or Altered ires. d or Altered / Existing Luminaires)?	Calcula ope of the Perm Document	05 tion Method it Application	No No X 100.

CERTIFICATE OF	COMPLIANCE									NRO	CC-LTO-I
Project Name:	Ramona Opportunity Industr	ial			Report Page:					(Page	5 of 11
	,				Date Prepared:				2024-12-18	T18:12:	13-05:00
F. OUTDOOR	LIGHTING FIXTURE SCHEI	DULF									
the spaces cove installed and re	red lighting systems demons ered by the permit application eplacement luminaires being ig attached to multifamily bu ded here.	on are included in t installed as part o	he Table below of the project s	v. For altered ligh cope are included	nting systems u d (ie, existing lu	sing the Existing Iminaires remain	Power method ing or existing l	per 141.0(b)2L uminaires bein	only new luming g moved are no	aires be t include	ing ed).
Designed Watt	age:								+		
01	02		03	04	05	06	07	08	09	1	.0
S1	Single Head Pole	☐ Linear	171	Mfr. Spec	5	New	8	855	Provided		
S1W	Single Head	☐ Linear	171	Mfr. Spec	2	New		342	Provided		
S2	Double Head Pole	☐ Linear	340	Mfr. Spec	7	New		2,380	Provided		
S3	Single Head Pole	☐ Linear	69	Mfr. Spec	1	New		69	Provided		
S4	Bollard	Linear	28	Mfr. Spec	6	New		168	NA: < 6200 lumens		
W1	Wall Pack	Linear	15	Mfr. Spec	9	New		135	NA: < 6200 lumens		
W2	Wall Pack	☐ Linear	19.7	Mfr. Spec	6	New		118.2	NA: < 6200 lumens		
W3	Wall Pack	Linear	35	Mfr. Spec	4	New		140	NA: < 6200 lumens		
						Total	Design Watts:	4207.2			
EX: Luminaire is I FOOTNOTES: Aut For linear lumina Select "New" foi	ons with a * require a note in the lighting a statue; EXCEPTION 2 thority Having Jurisdiction may aires, wattage should be indicate r new luminaires in a new outdonaires within the project scope to	to 130.2(b) ask for Luminaire cu ted as W/lf instead o oor lighting project,	nt sheets to conf of Watts/lumina or for added lun	irm wattage used j ire. Total linear fee ninaires in an altero	or compliance po t should be indic ation. Select "Alt	ated in column 05 ered" for replacem	instead of numbe ent luminaires in	an alteration. S			

Report Version: 2022.0.000

Schema Version: rev 20220101

Documentation Software: Energy Code Ace

Compliance ID: 231382-1224-0009

Outdoor Lighting

Report Generated: 2024-12-18 15:12:16

Outdoor Lighting	+						CALIFO	RNIA ENERGY	
CERTIFICATE OF COMPLIANCE	In all catalinal		Down and D						NRCC-LT
Project Name: Ramona Opportunity	industriai		Report Pa			+		2024-12-18T	
	,	,							
J. LIGHTING ALLOWANCE: PER AF		Table 140 7	B / Table 170	2.5					
This table includes areas using the w	attage allowance per application from	m lable 140.7-	04 04	.2-3.	06	07	08	09	10
01	02	0.7	52,923	107,000	06	17.0	17.77	09	10
		CALCULAI	ED ALLOWAN	L		DESIGN	I WATTS		Additio
Area Description	Application per Table 140.7-B ¹	# of Locations	Allowance per Location ²	Extra Allowance (Watts)	Luminaire Name or Item Tag	Watts per Luminaire	# of Luminaires	Design Watts	Allowa (Watt
Above Entrances and Exits	Building Entrance/Exit	9	19	171	W1	15	9	135	135
				•	Tota	Design Watts	for this Area:	135	
				•		Total A	llowance (Wa	tts) All Areas:	135
² The Allowance per Location for ATMs is	100W for the first ATM and 35W for each	n additional per	Table 140.7-B /	Table 170.2-S.		_			
¹ FOOTNOTES: Primary entrance applicati ² The Allowance per Location for ATMs is ³ For luminaires indicated in Table F as lin K. LIGHTING ALLOWANCE: SALES	100W for the first ATM and 35W for each ear, wattage in column 07 is W/lf instead FRONTAGE	n additional per	Table 140.7-B /	Table 170.2-S.		_			
² The Allowance per Location for ATMs is ³ For luminaires indicated in Table F as lin	100W for the first ATM and 35W for each ear, wattage in column 07 is W/lf instead FRONTAGE	n additional per	Table 140.7-B /	Table 170.2-S.		_			
² The Allowance per Location for ATMs is ³ For luminaires indicated in Table F as lin K. LIGHTING ALLOWANCE: SALES	100W for the first ATM and 35W for each ear, wattage in column 07 is W/lf instead FRONTAGE oject.	n additional per	Table 140.7-B /	Table 170.2-S.		_			
² The Allowance per Location for ATMs is ³ For luminaires indicated in Table F as lin K. LIGHTING ALLOWANCE: SALES This section does not apply to this pro	100W for the first ATM and 35W for each ear, wattage in column 07 is W/lf instead FRONTAGE oject. MENTAL	n additional per	Table 140.7-B /	Table 170.2-S.		_			
² The Allowance per Location for ATMs is ³ For luminaires indicated in Table F as lin K. LIGHTING ALLOWANCE: SALES This section does not apply to this pro- L. LIGHTING ALLOWANCE: ORNA	100W for the first ATM and 35W for each ear, wattage in column 07 is W/lf instead FRONTAGE oject. MENTAL oject.	n additional per	Table 140.7-B /	Table 170.2-S.		_			
² The Allowance per Location for ATMs is ³ For luminaires indicated in Table F as lin K. LIGHTING ALLOWANCE: SALES This section does not apply to this pro L. LIGHTING ALLOWANCE: ORNA This section does not apply to this pro	100W for the first ATM and 35W for each ear, wattage in column 07 is W/lf instead FRONTAGE oject. MENTAL oject. SPECIFIC AREA	n additional per	Table 140.7-B /	Table 170.2-S.		_			
² The Allowance per Location for ATMs is ³ For luminaires indicated in Table F as lin K. LIGHTING ALLOWANCE: SALES This section does not apply to this pro L. LIGHTING ALLOWANCE: ORNAL This section does not apply to this pro M. LIGHTING ALLOWANCE: PER S This section does not apply to this pro	100W for the first ATM and 35W for each ear, wattage in column 07 is W/lf instead FRONTAGE oject. MENTAL oject. SPECIFIC AREA oject.	n additional per	Table 140.7-B /	Table 170.2-S.		_			
² The Allowance per Location for ATMs is ³ For luminaires indicated in Table F as lin K. LIGHTING ALLOWANCE: SALES This section does not apply to this pro L. LIGHTING ALLOWANCE: ORNA This section does not apply to this pro M. LIGHTING ALLOWANCE: PER S This section does not apply to this pro N. EXISTING CONDITIONS POWER	100W for the first ATM and 35W for each ear, wattage in column 07 is W/lf instead FRONTAGE oject. MENTAL oject. SPECIFIC AREA oject. R ALLOWANCE (alterations only)	n additional per	Table 140.7-B /	Table 170.2-S.		_			
² The Allowance per Location for ATMs is ³ For luminaires indicated in Table F as lin K. LIGHTING ALLOWANCE: SALES This section does not apply to this pro L. LIGHTING ALLOWANCE: ORNAL This section does not apply to this pro M. LIGHTING ALLOWANCE: PER S This section does not apply to this pro	100W for the first ATM and 35W for each ear, wattage in column 07 is W/lf instead FRONTAGE oject. MENTAL oject. SPECIFIC AREA oject. R ALLOWANCE (alterations only)	n additional per	Table 140.7-B /	Table 170.2-S.		_			
² The Allowance per Location for ATMs is ³ For luminaires indicated in Table F as lin K. LIGHTING ALLOWANCE: SALES This section does not apply to this pro L. LIGHTING ALLOWANCE: ORNA This section does not apply to this pro M. LIGHTING ALLOWANCE: PER S This section does not apply to this pro N. EXISTING CONDITIONS POWER	100W for the first ATM and 35W for each ear, wattage in column 07 is W/lf instead FRONTAGE oject. MENTAL oject. SPECIFIC AREA oject. R ALLOWANCE (alterations only)	n additional per	Table 140.7-B /	Table 170.2-S. ar feet should bu		_	d of number of l		ergy Code

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

CERTIFICATE OF	COM	PLIANCE													NRCC-LTO		
Project Name:	Ra	mona Opportuni	ty Inc	lustrial				Re	port	Page:					(Page 2 of 1		
								Di	ate Pr	epared:				2024	-12-18T18:12:13-05:		
C. COMPLIAN	ICE I	RESULTS															
		are automatico nal Conditions j							roug	h N. Note: If an	ıy celi	on this table says "	сомя	PLIES with Exception	nal Conditions" ref		
Calcu	ılatio	ns of Total Allo	wed	Lighting Power	(Wa	tts) 140.7 / 170).2(e	6 or 141.0(b)2	L / 18	80.2(b)4Bv			Co	mpliance Results			
01	- 8	02		03	1	04		05		06		07	08		08		09
General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)	+	Per Application 140.7(d)2 / 170.2(e)6 (See Table J)	+	Sales Frontage 140.7(d)2 (See Table K)	+	Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)	+	Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)	OR	Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N)	=	Total Allowed (Watts)	2	Total Actual (Watts)	07 must be >= 0		
5,075.11	+	135	+		+		+		OR		=	5,210.11	2	4,207.2	COMPLIES		
		-		Sh	ieldi	ng Compliance	(See	Table G for De	tails)						COMPLI		
					usa.	of selections ma	ade o	r data entered	in tal	oles throughout	the j	form.					
	Edward .	lled with unedit	able	comments beco	iuse	5, 50,000,0115 1110											
This table is au	ito-fi	lled with unedit						ng Jurisdiction.									
E. ADDITION	ito-fi	lled with unedit						ng Jurisdiction.									
This table is au	ito-fi	lled with unedit						ng Jurisdiction. Generated		Time:				Documentation Softw	vare: Energy Code Ac		

CERTIFICATE C	OF COMPLIANCE	· · · · · · · · · · · · · · · · · · ·		:							NRCC	C-LTO
Project Name	: Ramona Opportunity	Industrial			Report Pa	age:					(Page 6	of 1
					Date Pre	pared:				2024-12-18T	18:12:13	3-05:
G. SHIELDIN	IG REQUIREMENTS (I	BUG)		·								
	cludes fixtures of >=6,20	0 initial lumens indicate	ed on Table	F as needing	to comply with Si	hielding Req	uirements. I	Maximum lumens can b	e found in T	Title 24, Part	11, Se	ction
5.106.8. 01	02	03	04	05	06	07	08	09	10	11	1	2
01	02	7000		05			08					eld
		Backligh	t Rating ²		Uplig	ght Rating ²		Glare Ratin	g (Lumens) ²		Inspe	
Name or Item Tag	Complete Luminaire Description	Mounting Height ¹	Max Allowable Backlight Rating ³	Backlight Rating Per Design	Lighting type	Max Allowable Uplight Rating ³	Uplight Rating Per Design	Mounting Height ¹	Max Allowable Glare Rating ³	Glare Rating Per Design	Pass	Fai
S1	Single Head Pole	2 MH from property line	No Limit	B5	Area Lighting	UO	U0	> 2 MH from property line	G3	G3		
S1W	Single Head	2 MH from property line	No Limit	B5	Area Lighting	UO	U0	> 2 MH from property line	G3	G3		
S2	Double Head Pole	2 MH from property line	No Limit	B5	Area Lighting	UO	U0	> 2 MH from property line	G3	G3		
S3	Single Head Pole	Back hemisphere is 0.5 - 1 MH from prop line	В3	В3	Area Lighting	U0	U0	Front hemisphere is 0.5 - 1 MH from prop line	G1	G1		
	ving Jurisdiction may ask f with a lower number than								nce per 130	2(b)/ 160.5(c)		
					Generated Date/T	ime:		Doo	cumentation	Software: Ene	ergy Cod	le Ac

Project Name:	Ramona Opportunity Industrial	Report Page:	(Page 10 of 1
*		Date Prepared:	2024-12-18T18:12:13-05:0
O. DECLARAT	ION OF REQUIRED CERTIFICATES OF INSTALLATION		
	e been made based on information provided in this docum narks. These documents must be provided to the building i	ent. If any selection has been changed by permit applicant, an explan nspector during construction and can be found online	ation should be included in Table E.
		Form/Title	
NRCI-LTO-E - N	lust be submitted for all buildings		,
P. DECLARATI	ON OF REQUIRED CERTIFICATES OF ACCEPTANCE		
Additional Rem		ent. If any selection has been changed by permit applicant, an explan nspector during construction and must be completed through an Acce title24/attcp/providers.html	ptance Test Technician Certification
	F	orm/Title	Systems/Spaces To Be Field Verified
NRCA-LTO-02-A	A - Must be submitted for all outdoor lighting controls exce	ept for alterations where controls are added to <= 20 luminaires.	Hardscape: "S1"; Hardscape "S1W"; Hardscape: "S2"; Hardscape: "S3"; Hardscape: "S4"; Above Entrances and Exits: "W1"
		Generated Date/Time:	Documentation Software: Energy Code Acc

CALIFORNIA ENERGY COMMISSION

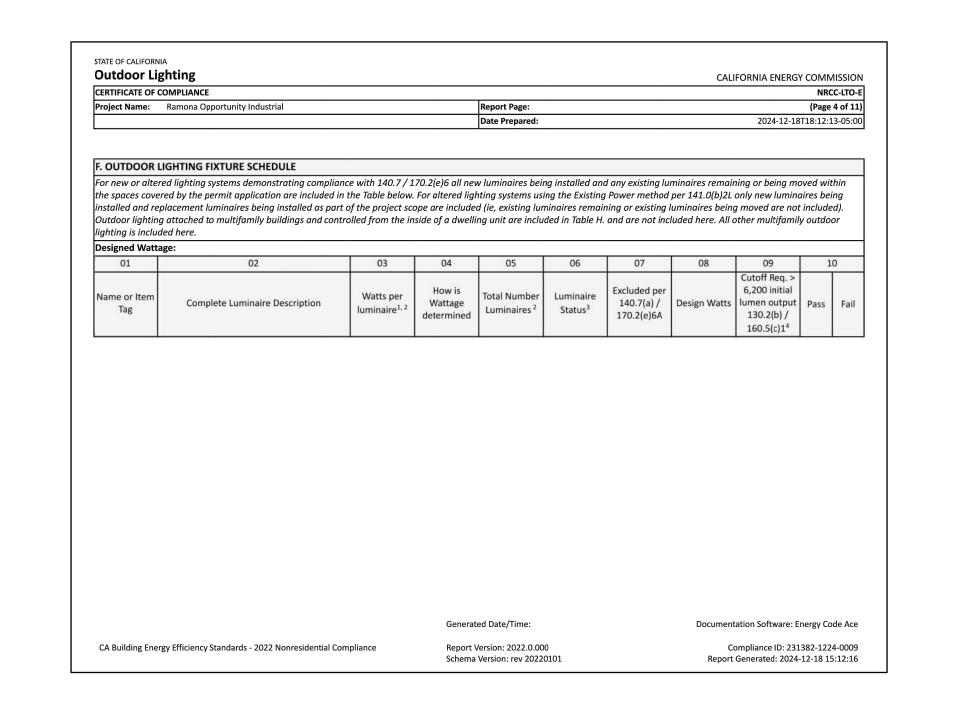
otdoor L	nia i ghting						CALII	ORNIA ENERG	SY COMMISSIO
ERTIFICATE OF	COMPLIANCE							·	NRCC-LTC
roject Name:	Ramona Opportunity Industrial			Report Page:					(Page 3 of 1
				Date Prepared:				2024-12-1	8T18:12:13-05:
. OUTDOOR	LIGHTING FIXTURE SCHEDULE								
he spaces cov Installed and re		he Table below. f the project sco	For altered lig	hting systems u ed (ie, existing lu	sing the Existing Iminaires remain	Power method ing or existing l	per 141.0(b)2L o uminaires being	only new lumir moved are no	naires being ot included).
01	02	03	04	05	06	07	08	09	10
									Field
									Inspector

CERTIFICATE OF COMPLIANCE	· · · · · · · · · · · · · · · · · · ·	·		CALIFORNIA ENE	NR
Project Name: Ramona Opport	unity Industrial		Report Page:		(Page
, and a pro-	,		Date Prepared:	2024-12	2-18T18:12:
		, ,	· · · · · · · · · · · · · · · · · · ·	,	
H. OUTDOOR LIGHTING COM	ITROLS				
existing to remain (ie untoucheo the permit application. Outdoor lighting for nonresiden multifamily buildings and contro	d) and luminaires which are remo	oved and reinstalled (wiring o and common service areas in n g unit	res installed as part of the permit application. For nly) do not need to be included in this table even nultifamily buildings must be documented sepan Multifamily Buildings	n if they are within the spa	ices cover
01	02	03	04	0	5
Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 160.5(c)	Field In:	spector
				Pass	Fa
Hardscape: "S1 "	Astronomical Timer	Provided	NA: >=24 ft		8
Hardscape: "S1W"	Astronomical Timer	Provided	NA: >=24 ft		
Hardscape: "S2"	Astronomical Timer	Provided	NA: >=24 ft		TO THE REAL PROPERTY.
Hardscape: "S3"	Astronomical Timer	Provided	NA: >=24 ft		
Hardscape: "S4"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts		2
Above Entrances and Exits: "W1"	Astronomical Timer	Provided	NA: Each Luminaire <= 40 Watts		
	ask for cutsheets or other documento e in fire-rated installations, and rece		nht source. nsulated ceilings are excepted from ii and iii.		

CERTIFICATE OF COMPLIANCE	+	NRCC-I
Project Name: Ramona Opportunity Industrial	Report Page:	(Page 11 c
Project Address:	Date Prepared:	2024-12-18T18:12:13-0
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT I certify that this Certificate of Compliance documentation is accura Documentation Author Name: Boon L. Tee Company: Howe Electric Construction Inc. Address: 4682 E Olive Ave	Documentation Author Signature: Blue Signature Date: 12/18/2024 CEA/ HERS Certification Identification (if app	licable):
City/State/Zip: Fresno CA 93702	Phone: (559) 255-8992	
The information provided on this Certificate of Compliance is true and correct. I am eligible under Division 3 of the Business and Professions Code to accept resp. The energy features and performance specifications, materials, components, and of Title 24, Part 1 and Part 6 of the California Code of Regulations. The building design features or system design features identified on this Certificat plans and specifications submitted to the enforcement agency for approval with the complex of the complex of the Compliance shall be inspections. I understand that a completed signed copy of this Certificate of Complex Responsible Designer Name:	manufactured devices for the building design or system design ide e of Compliance are consistent with the information provided on o his building permit application. e made available with the building permit(s) issued for the buildin, liance is required to be included with the documentation the build	ntified on this Certificate of Compliance conform to the requiren other applicable compliance documents, worksheets, calculations g, and made available to the enforcement agency for all applicable der provides to the building owner at occupancy.
Boon L. Tee	Afee	
Company:	Date Signed:	
Howe Electric Construction Inc.	12/18/2024	
Address: 4682 E Olive Ave City/State/Zip: Fresno CA 93702	License: Phone: (559) 255-8992	

Schema Version: rev 20220101

Report Generated: 2024-12-18 15:12:16



NRCC-LTO-E							TIFICATE OF COMPLIANCE
(Page 8 of 11)				Report Page:			ject Name: Ramona Opportunity Industrial
.8T18:12:13-05:00	2024-12-			Date Prepared:			
all that apply)	all that apply) (select	01 Allowance (select a	"Use it or lose it"	<u> </u>	ose it"	per 140.7 / 170.2(e, -R while "Use it or lo	IGHTING POWER ALLOWANCE (per 140.7 / 170 s table includes areas using allowance calculations processes allowance is per Table 140.7-A/Table 170.2-5 wances are per Table 140.7-B/Table 170.2-S. Indica
☐ Per Specific Area Table M	☐ Ornamental Table L	□ Sales Frontage Table K	☑ Per Application Table J	☑ General Hardscape Allowance Table I (below)	used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.		
				7			culated General Hardscape Lighting Power Allowand
09	08	07	06	05	04	03	02
Total General		Wattage Allowand		1	Area Wattage Allowand		
AWA + LWA (Watts)	Linear Allowance (Watts)	Allowed Density (W/lf)	Perimeter Length (If)	(Watts)	Allowed Density (W/ft²)	Illuminated Area (ft²)	Area Description
4825.11	582.4	0.2	2912	4242.71	0.021	202034	Hardscape
250	Entire Site (Watts):	ige Allowance for I	Initial Watta				
	wance (LZ 0 only)1	nitial Wattage Allo	Instances of I				
5075.11	Allowance (Watts):	eneral Hardscape A	Total G				

RAMONA OPPORTUNITY

RAMONA OPPORTUNITY **INDUSTRIAL**

RAMONA AVENUE SACRAMENTO, CA 95826

ARCHITECT OF RECORD:



VEGAS BUILDS, INC. 12893 ALCOSTA BLVD. SUITE N SAN RAMON, CA 94583 (650) 223-3188

CIVIL ENGINEER OF RECORD: MORTON & PITALO, INC. 600 COOLIDGE DRIVE, SUITE 140 FOLSOM, CA 95630

(916) 984-7621 LANDSCAPE ARCHITECT OF RECORD: ROACH + CAMPBELL 947 ENTERPRISE DRIVE LOFT B

SACRAMENTO, CA 95825

(916) 827-4020 ELECTRICAL ENGINEER OF RECORD: HOWE ELECTRIC





NO.	DATE	ISSUE	

DOCUMENT CONSTRUCTION

VBI PROJECT No: 2024.02

DRAWING TITLE: COMPLIANCE - SITE



12/19/2024



SITE PLAN DESIGN REVIEW PACKAGE