Modular Control Building at Air Products Chemicals, Inc., Carson Facility 23300 Alameda Street, Carson, CA 90810

PLANNING INFORMATION

23300 ALAMEDA STREET CARSON, CALIFORNIA 90810

PROPERTY OWNER: AIR PRODUCTS CHEMICALS, INC. 23300 ALAMEDA STREET

LOT AREA 132,232 SQ FT (3.036 ACRES) 6,830 SQ FT, ONE STORY EXISTING BUILDING

GOVERNING CODES

BUILDING:	2020 LOS ANGELES	COUNTY BUILDING CODE	(LACBC)
ELECTRICAL:	2020 LOS ANGELES	COUNTY ELECTRICAL CODE	(LACEBC)
MECHANICAL:	2020 LOS ANGELES	COUNTY MECHANICAL COD	E (LACMBC)
PLUMBING:	2020 LOS ANGELES	COUNTY PLUMBING CODE	(LACPBC)
GRFFN:	2020 LOS ANGELES	COUNTY GREEN BUILDING	STANDARDS CODE

CARSON, CALIFORNIA 90810

LEGAL INFORMATION

PARCEL MAP NO. M B 301-37-39

THAT PORTION OF LOT 1, TRACT NO. 10844, IN THE CITY OF CARSON, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON MAP RECORDED IN BOOK 301, PAGES 37 TO 39 OF MAPS, IN THE OFFICE OF THE RECORDER OF SAID COUNTY, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THE EASTERLY LINE OF ALAMEDA STREET AS SAID LINE EXISTS PARALLEL WITH AND 65 FEET EASTERLY, MEASURED AT RIGHT ANGLES, FROM THE CENTERLINE OF ALAMEDA STREET; THENCE ALONG SAID EASTERLY LINE SOUTH 17°09'45" WEST 666.40 FEET TO THE SOUTHWESTERLY LINE OF THE LAND DESCRIBED IN THE DEED INC. RECORDED IN BOOK D-6118, PAGE RECORDS OF SAID COUNTY, BEING THE TRUE POINT OF BEGINNING: THENCE CONTINUING ALONG SAID EASTERLY LINE SOUTH

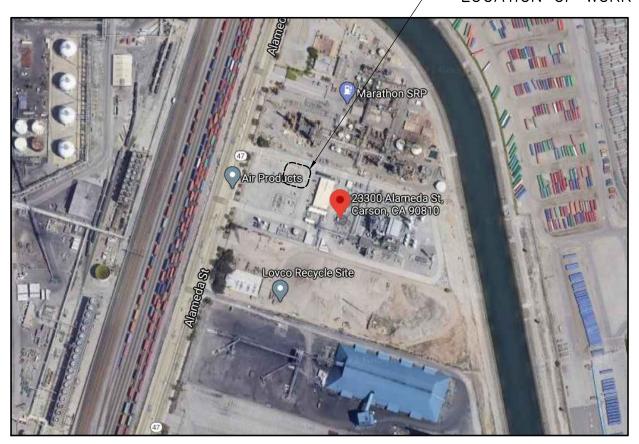
17°09'45" WEST 345.00 FEET: THENCE PARALLEL WITH SAID SOUTHWESTERLY LINE SOUTH 7°50'15" EAST 975.40 FEET TO A LINE PARALLEL WITH AND 73.00 FEET WESTERLY, MEASURED AT RIGHT ANGLES, FROM THE NORTHEASTERLY LINE OF SAID LOT 1; THENCE ALONG LAST SAID PARALLEL LINE NORTH 10°40'30" WEST 390.15 FEET TO SAID SOUTHWESTERLY LINE; THENCE ALONG SAID SOUTHWESTERLY LINE NORTH 72°50'15" WEST 793.21 FEET TO THE TRUE POINT OF BEGINNING.

SCOPE OF WORK

- ADD NEW 2,626 SQ. FT. MODULAR CONTROL BUILDING TO REPLACE THE EXISTING CONTROL ROOM. THE EXISTING CONTROL ROOM WILL BE CONVERTED INTO STORAGE BUILDING. THESE IS NO INCREASE IN THE MAXIMUM NUMBER OF EMPLOYEES PER SHIFT, WHICH IS TEN (10) DUE TO ADDING THE NEW CONTROL BUILDING.
- ADD NEW SEWER LINE TO CONNECT TO (E) ON-SITE WASTE SYSTEM
- ADD NEW WATER SUPPLY LINE FROM (E) SUPPLY LINE
- ADD NEW CONDUIT POWER TRENCH
- EXISTING CHAINLINK FENCING ON ALAMEDA STREET TO BE REPLACED WITH NEW WROUGHT IRON FENCE.
- INSTALL NEW 26GA PBR METAL SCREEN WALL TO SHIELD HVAC EQUIPMENT FROM VIEW ON ALAMEDA STREET.
- INSTALL ONE NEW ON-SITE $6"\times4"\times2^{1}/_{2}"$ FIRE HYDRANT CONFIRMING TO AMERICAN WATERWORKS ASSOCIATION STANDARD C503.

AERIAL MAP

-LOCATION OF WORK



BUILDING INFORMATION

MH-D - (MANUFACTURING, HEAVY DESIGN OVERLAY) OCCUPANCY GROUP B (BUSINESS) CONSTRUCTION TYPE V–B ONE (1) NUMBER OF STORIES 12'-6" BUILDING HEIGHT OCCUPANT LOAD TOTAL UNIT AREA NON-SPRINKLED SPRINKLER NUMBER OF EXITS TWO (PLUS ONE EMERGENCY EXIT) = THREE TOTAL

UTILITIES

UNISEX RESTROOM

ELECTRIC: SOUTHERN CALIFORNIA ELECTRIC WATER: **MUNICIPAL** WASTE DISPOSAL: ON-SITE SYSTEM DRAINAGE: CATCH BASIN

FACILITY FUNCTION

AIR PRODUCTS IS THE LARGEST HYDROGEN PRODUCER IN THE WORLD. CARSON FACILITY INCLUDES TWO EXISTING HYDROGEN UNITS. THE PRODUCED HYDROGEN IS TRANSPORTED OUTSIDE THE FACILITY TO AIR PRODUCTS CUSTOMERS THROUGH A SYSTEM OF PIPELINES.

CONTROL BUILDING USE

COOLIDANOV DADVINO ANALYCIC (DED CITY CEO CACC CA)

THE MODULAR BUILDING WILL PROVIDE A LOCATION FOR ADMINISTRATIVE AND CONTROL PURPOSES FOR TWO EXISTING HYDROGEN UNITS WITHIN THE CARSON FACILITY.

THE MODULAR BUILDING CONSISTS OF:

- CONTROL ROOM: THE CENTRAL HUB WHERE THE OPERATIONS TEAM SITS TO MONITOR AND CONTROL THE OPERATIONS OF THE HYDROGEN PLANT, SERVING AS THE NERVE CENTER FOR SEAMLESS COMMUNICATION AND COORDINATION
- BREAK ROOM: EQUIPPED WITH A REFRIGERATOR, MICROWAVE, AND SINK, PROVIDING A CONVENIENT SPACE FOR EMPLOYEES TO PREPARE AND ENJOY MEALS, FOSTERING A COMFORTABLE WORK ENVIRONMENT.
- BATHROOMS (2): FACILITIES CONTRIBUTING TO THE OVERALL WELL-BEING OF THE TEAM, ENSURING BASIC NEEDS ARE MET.
- CONFERENCE ROOM: A COLLABORATIVE SPACE FOR HOSTING MEETINGS, FACILITATING EFFECTIVE COMMUNICATION AND DECISION-MAKING AMONG TEAM
- EQUIPMENT ROOM: HOUSES NECESSARY ELECTRICAL EQUIPMENT FOR THE BUILDING'S OPERATION, ENSURING EASY ACCESSIBILITY AND PROPER
- LABORATORY: A SPECIALIZED SPACE FOR CONDUCTING ESSENTIAL WATER TESTS, ENSURING THE QUALITY AND SAFETY OF THE WATER USED IN THE HYDROGEN UNIT'S PROCESSES. THE TESTING KIT IS USED TO DETERMINE THE FOLLOWING: PH NUMBER TO TEST THE ACIDITY/ALKALINITY, THE SILICA CONTENT. THE FLUORINE CONTENT.

OCCUPANCY PA	OCCUPANCY PARKING ANALYSIS (PER CITY SEC. 9162.21)				
OCCUPANCY AREA	OCCUPANCY GROUP	COMMERCIAL AREA SQUARE FOOTAGE	PARKING RATIO	PARKING REQUIRED	PARKING PROVIDED
MODULAR CONTROL BUILDING	В	2,626 S.F.	1/300 S.F.	8.75	
STORAGE BUILDING	S	6,830 S.F.	1/500 S.F.	13.66	
TOTAL		9,456 S.F.		22	24

ADA PARKING ANALYSI	DA PARKING ANALYSIS		
TOTAL NUMBER OF PARKING STALLS	ADA PARKING RATIO	ADA PARKING STALLS REQUIRED	ADA PARKING STALLS PROVIDED
24	1/25	1	2
TOTAL		1	2

CITY OF CARSON ADMINISTRATIVE NOTES

- 1. AT TIME OF PERMIT ISSUANCE, CONTRACTOR SHALL SHOW THEIR VALID WORKERS COMPENSATION INSURANCE CERTIFICATE.
- 2. ALL WORK SHALL CONFORM TO ALL REQUIREMENTS OF STATE OF CALIFORNIA TITLE 24 REGARDLESS OF THE INFORMATION INDICATED ON THESE PLANS. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL SUPERVISING THE CONSTRUCTION TO ENSURE
- AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTA
- TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A

- ADDITION, AND/OR REMODEL WORK. THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT OFFICE IS LOCATED AT 21865 COPLEY DRIVE IN DIAMOND BAR, PHONE NO (909) 396-2000. BE ADVISED, SCAQMD MAY REQUIRE A 10 DAY WAIT PERIOD PRIOR TO START OF WORK.
- 9. THE ISSUANCE OF A PERMIT SHALL NOT PREVENT THE BUILDING OFFICIAL FROM REQUIRING THE CORRECTION OF ERRORS ON THESE PLANS OR FROM PREVENTING ANY VIOLATION OF THE CODES ADOPTED BY THE CITY, RELEVANT LAWS, ORDINANCES. RULES AND/OR REGULATIONS.
- 10. SEPARATE PERMIT SHALL FIRST BE OBTAINED FROM THE CITY PUBLIC WORKS DEPARTMENT PRIOR TO PLACEMENT OF ANY CONSTRUCTION MATERIALS OR EQUIPMENT IN THE PUBLIC WAY.
- 11. THE GEOTECHNICAL AND REPORT CONVERSE PROJECT NO. 18-31-273-02, DEVELOPED BY CONVERSE CONSULTANTS HAVE BEEN PROVIDED FOR THIS PROJECT. THE DUTIES OF THE SOILS ENGINEER OF RECORD, AS INDICATED ON THE FIRST SHEET OF THE APPROVED PLANS, SHALL INCLUDE THE FOLLOWING:
 - A) OBSERVATION OF CLEARED AREAS AND BENCHES PREPARED TO RECEIVE
 - B) OBSERVATION OF THE REMOVAL OF ALL UNSUITABLE SOILS AND OTHER
 - C) THE APPROVAL OF SOILS TO BE USED AS FILL MATERIAL; D) INSPECTION OF COMPACTION AND PLACEMENT OF FILL;
 - E) THE TESTING OF COMPACTED FILLS: AND
 - (F) THE INSPECTION OF REVIEW OF DRAINAGE DEVICES

SHEET INDEX

ABBREVIATIONS

CONT. EA.

ELECT

E.W.

EXIST.

AMERICAN CONCRETE

AMERICAN INSTITUTE OF

TESTING AND MATERIALS

CALIFORNIA BUILDING CODE O.C. OR O/C

ELEVATION OR ELEVATOR PL. OR

STEEL CONSTRUCTION

AMERICAN IRON AND

STEEL INSTITUTE

ALTERNATE

CONTINUOUS

ELECTRICAL

EACH WAY

FINISH FLOOR

EXISTING

		NDEA
	CS	COVER SHEET
	S-A1.2	FACILITY FENCE AND (E) SIGN DETAIL
	S-A1.3	ENLARGED SCREEN WÀLĹ PLAN & DETAILS
	S-SP	SITE AND CIRCULATION PLAN
	S-A2.0	ENLARGED SITE PLAN
	S-A2.1	MODULAR CONTROL BUILDING FURNITURE LAYOUT PLAN
	S-A2.2	(E) CONTROL ROOM & STORAGE BUILDING FLOOR PLANS
Υ	S-LS2.0	EXISTING LANDSCAPE SITE PLAN
	1 OF 2	SURVEY PLAN
	2 OF 2	SURVEY PLAN
	G1.0	ARCH'L TITLE SHEET
SO	A1.1	ARCH'L FLOOR PLAN
AL <	A4.1	ARCH'L EXTERIOR ELEVATIONS

SITE PHOTOGRAPHS

SITE DATA MAP

ABBREVIATIONS, CONT'D

HORIZ.

INSUL.

MECH'L MISC.

STD.

U.N.O.

FINISH GRADE

FULL HEIGHT

HORIZONTAL

INSULATION

COUNCIL

INTERNATIONAL CODE

INVERTED/INVERT

MISCELLANEOUS

NEAR SIDE NOT TO SCALE

ON CENTER

SIMILAR

TYPICAL

STANDARD

OPPOSITE HAND

OPPOSITE SIDE

OCCUPATIONAL SAFETY AND

HEALTH STANDARDS BOARD

PLATE OR PROPERTY LINE

UNLESS NOTED OTHERWISE

OL BUILI FACILITY CONTRO ARSON I

AHJ STAMP APPROVAL

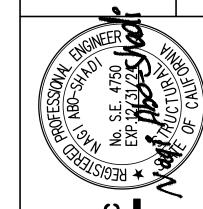
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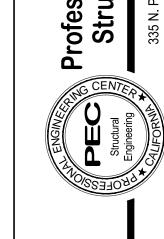
JOB NO 21-N007

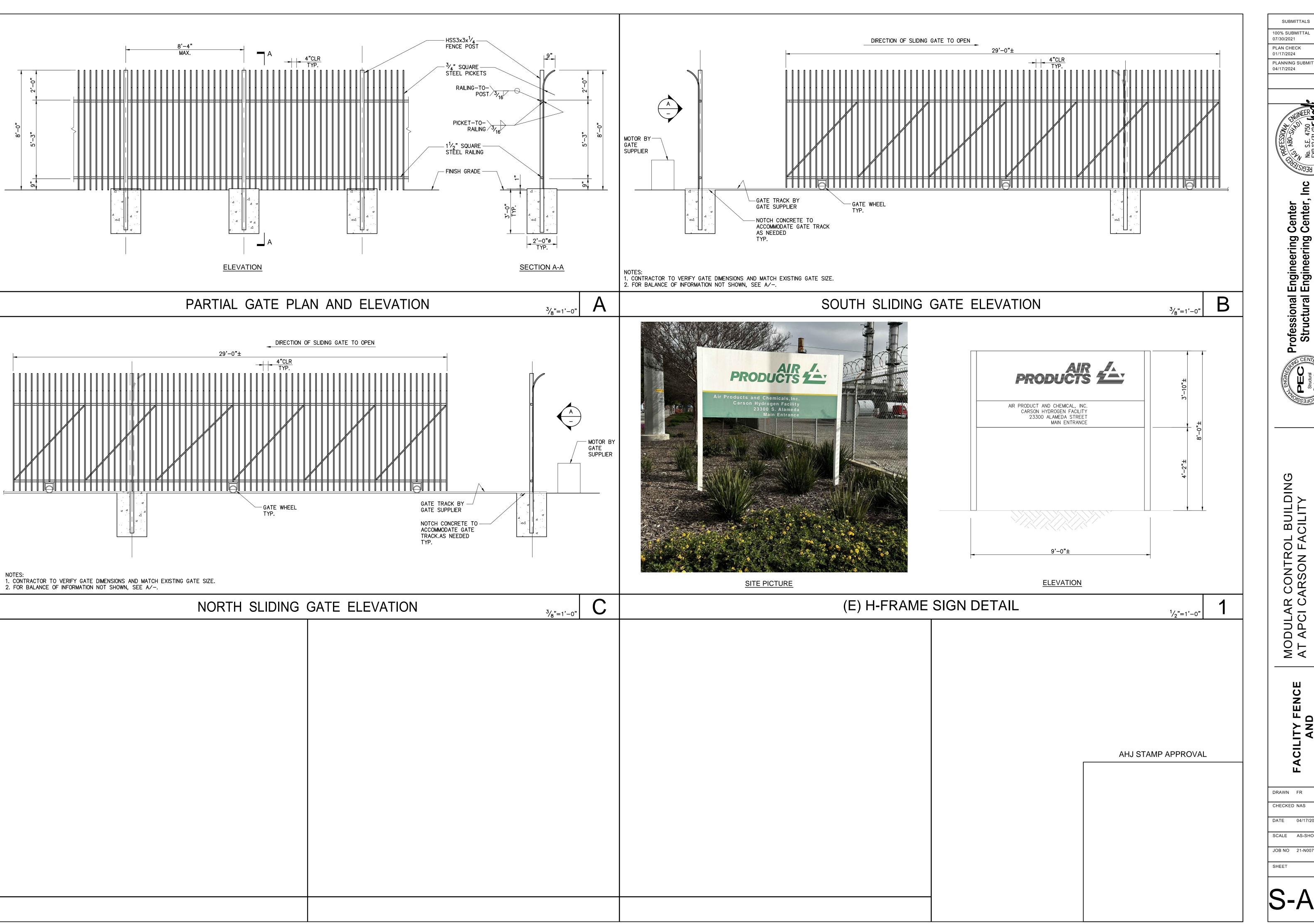
ATTACHMENT NO. 1

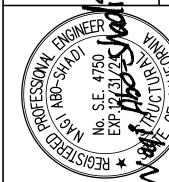
SUBMITTALS 100% SUBMITTAL 07/30/2021 PLAN CHECK 01/17/2024 PLANNING SUBMITTAL 04/17/2024



Center Center,







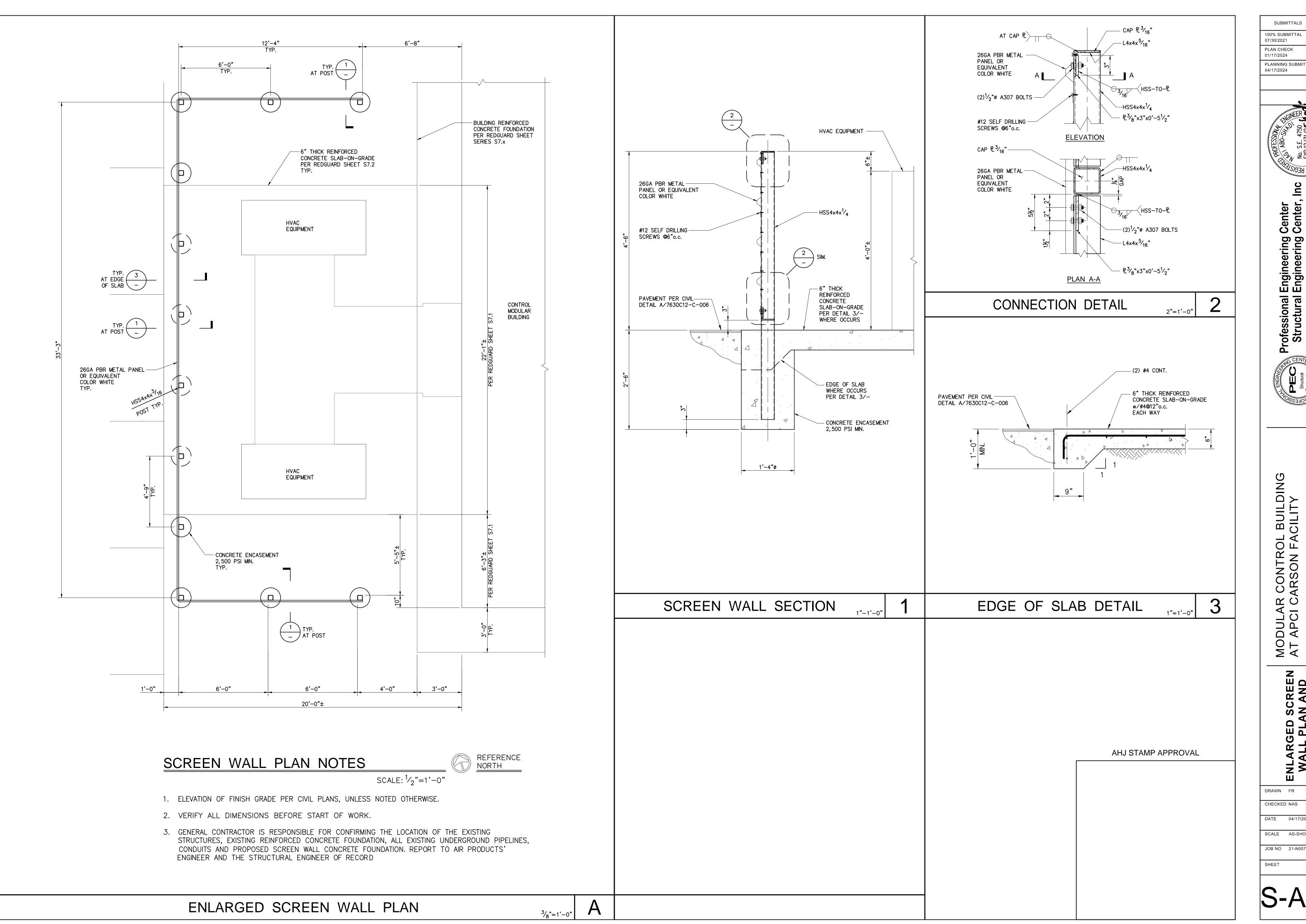


MODULAR CONTROL BUILDIN AT APCI CARSON FACILITY

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DATE 04/17/2024

S-A1.2



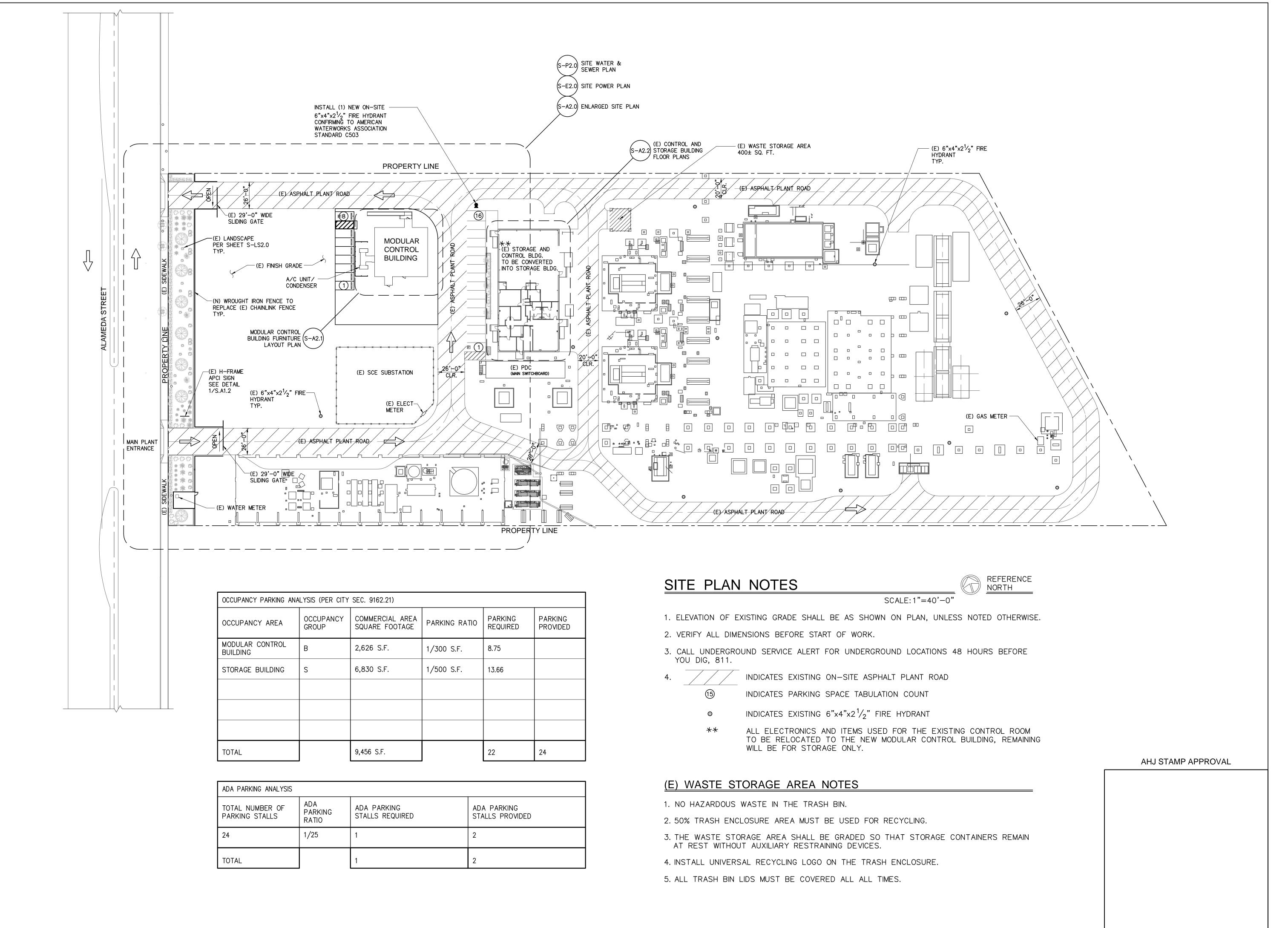
Professional Engineering Center, Structural Engineering Center,

MODULAR CONTROL BUILDIN AT APCI CARSON FACILITY

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DATE 04/17/2024

S-A1.3



PROFESSIONA * REGISTION NBO-SULATION S.E. 4750 LANGE EXP.12 31 24

Engineering Center

Professional Englishment

CONTROL BUILDING ARSON FACILITY

MODULAR AT APCI CA 3300 ALAMEDA STREET

SITE AND
IRCULATION PLAN

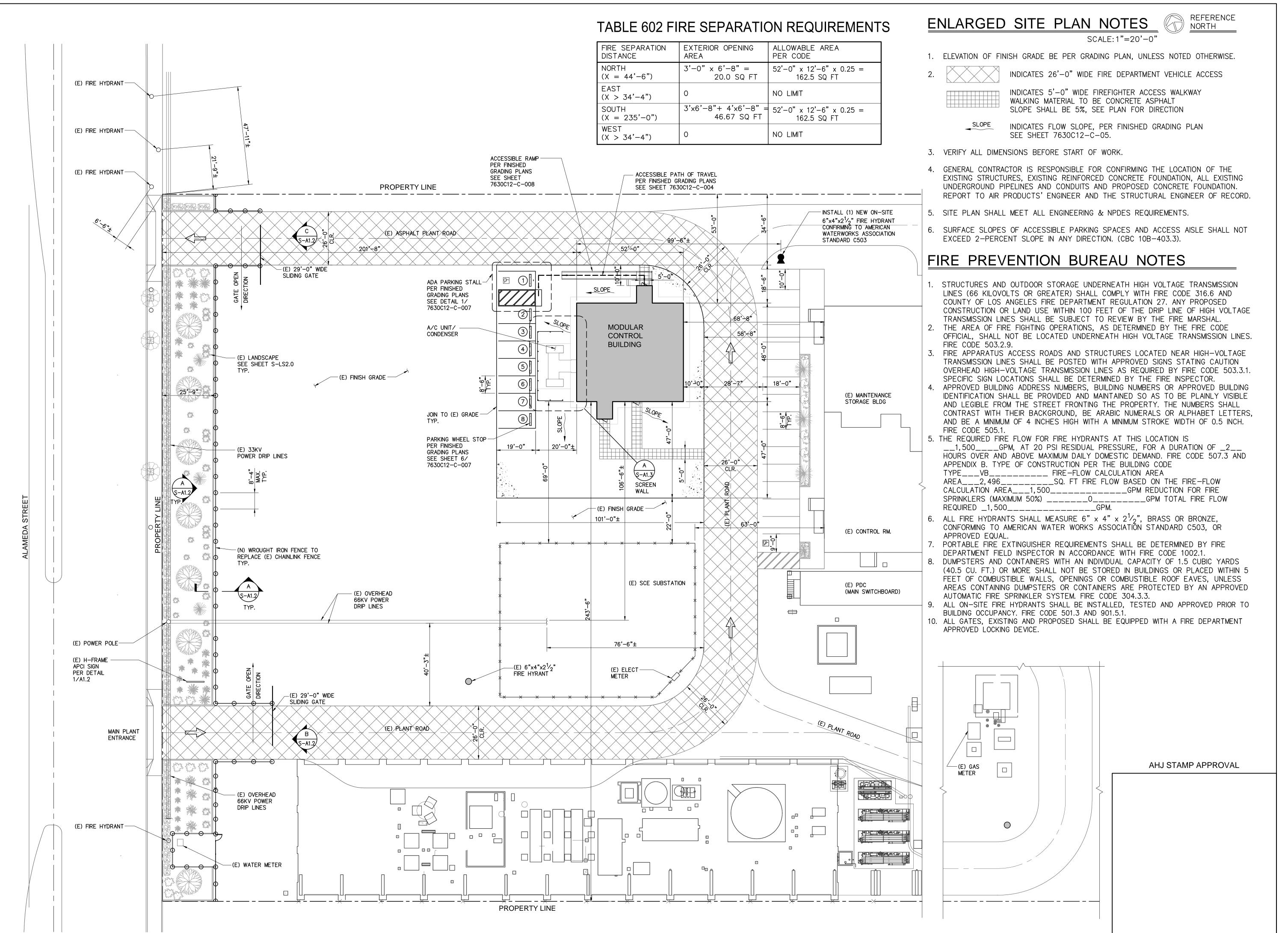
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JOB NO 21-N007

S-SP



04/17/2024

PROFESSION NBO-SHATING No. S.E. 4750 NBO-SHATING NO. S.E. 4750 NBO-SHATING NBO

Engineering Center
Engineering Center, Inc
No. Unit G, Brea, CA 92821

Structural Engineerin

335 N. Puente Street, Unit G, Brea, CA 92821

Structuralec.com

Tel

MODULAR CONTROL BUILDING AT APCI CARSON FACILITY

> ENLARGED SITE PLAN

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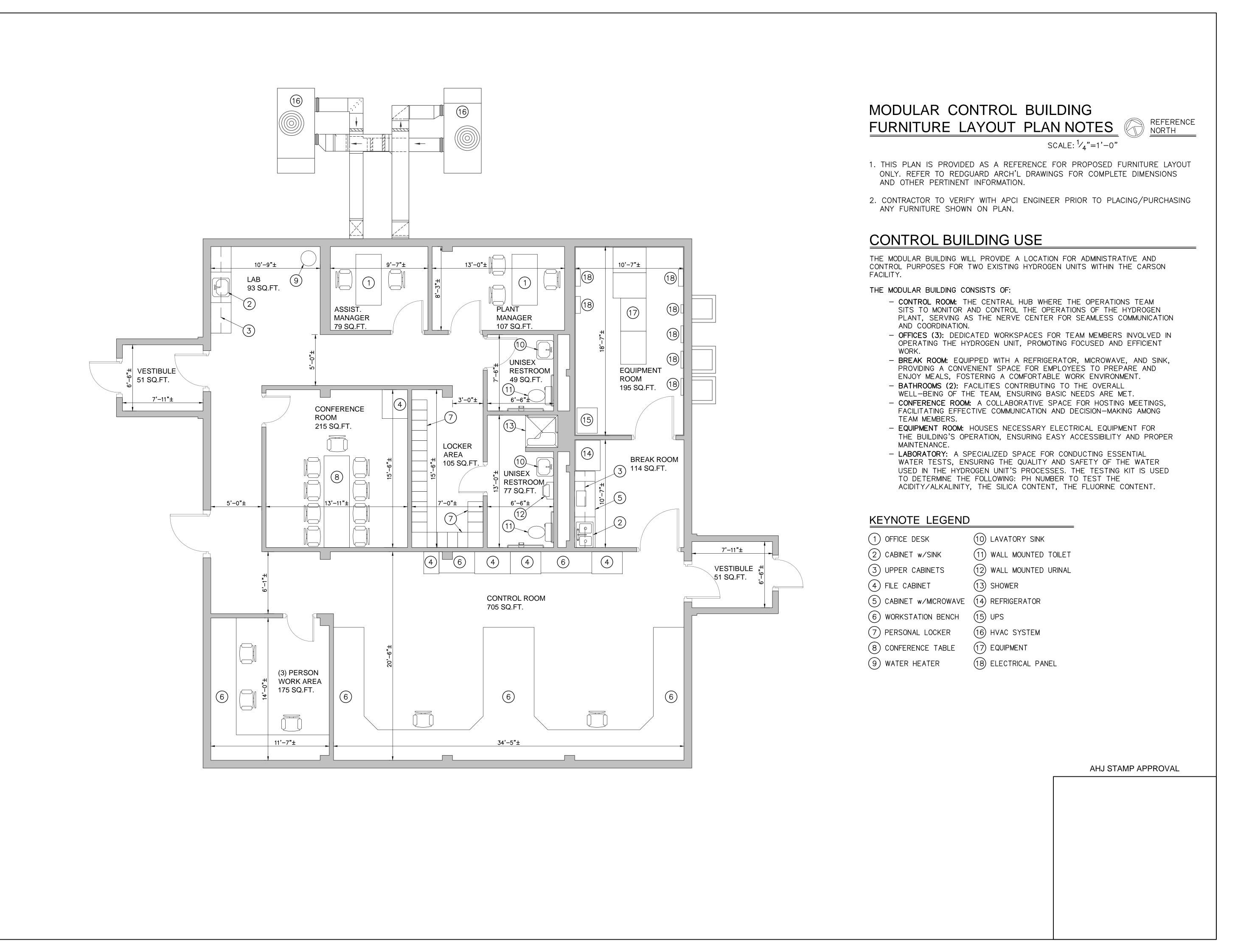
DATE 04/17/2024

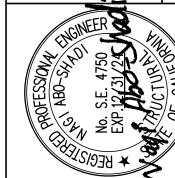
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JOB NO 21-N007

S-A2.0





Engineering Center
Engineering Center, Inc

Structural Engineering
Structural Engineering
335 N. Puente Street, Unit G, Brea, CA 92821



MODULAR CONTROL BUILDIN AT APCI CARSON FACILITY

> MODULAR CONTROL BUILDING FURNITURE LAYOUT PLAN

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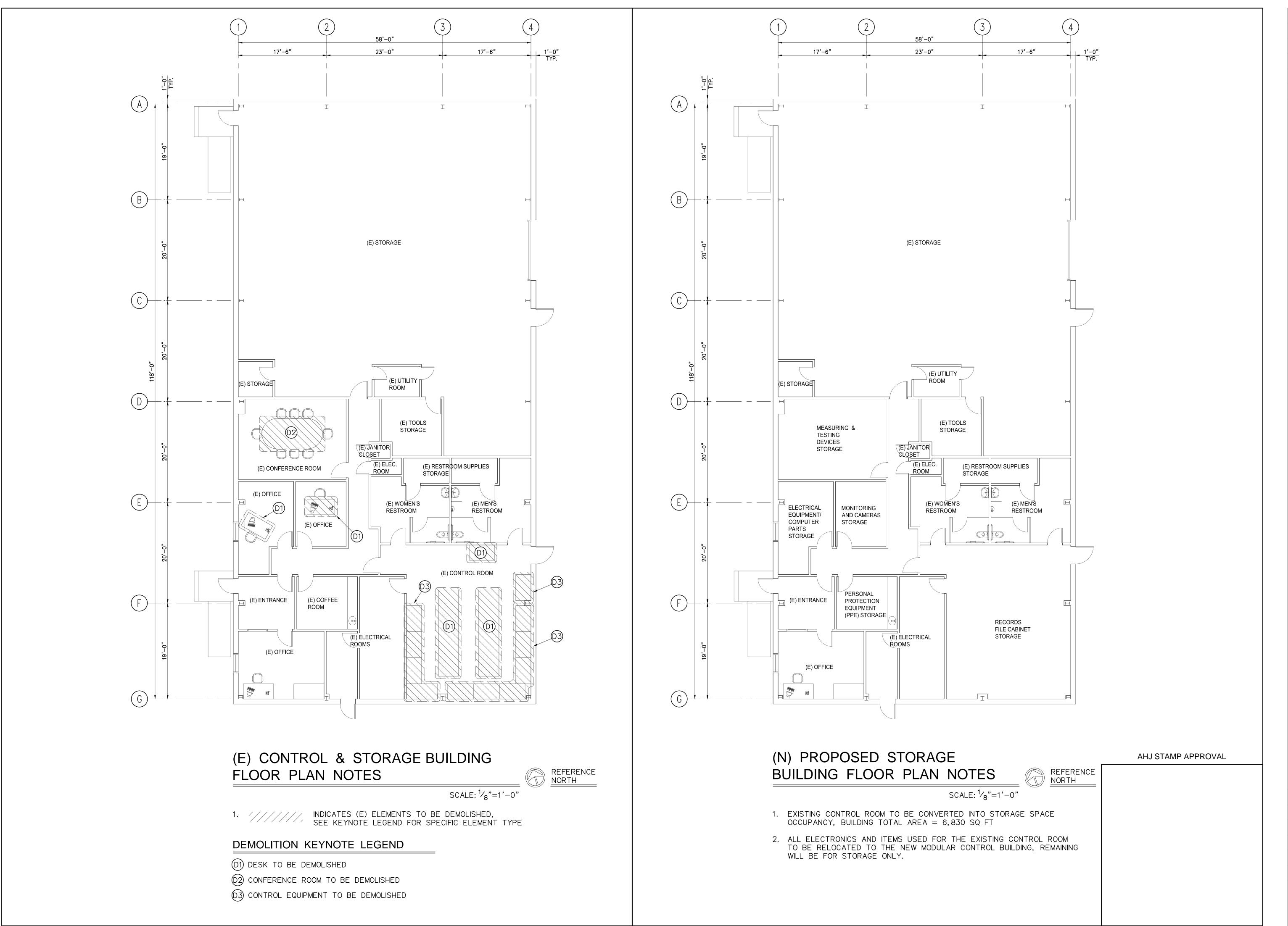
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REGISTAND ROPESSONA

* REGISTAND No. S.E. 4750

No. S.E. 4750

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THUCTURE PROPESSONA

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TO SERVICE OF THE PROPESSONA

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ing Center ing Center, Inc

Structural Engineering Ce



MODULAR CONTROL BUILDIN AT APCI CARSON FACILITY

(E) CONTROL
BUILDING AND
N) PROPOSED
ORAGE BUILDING

DRAWN FR

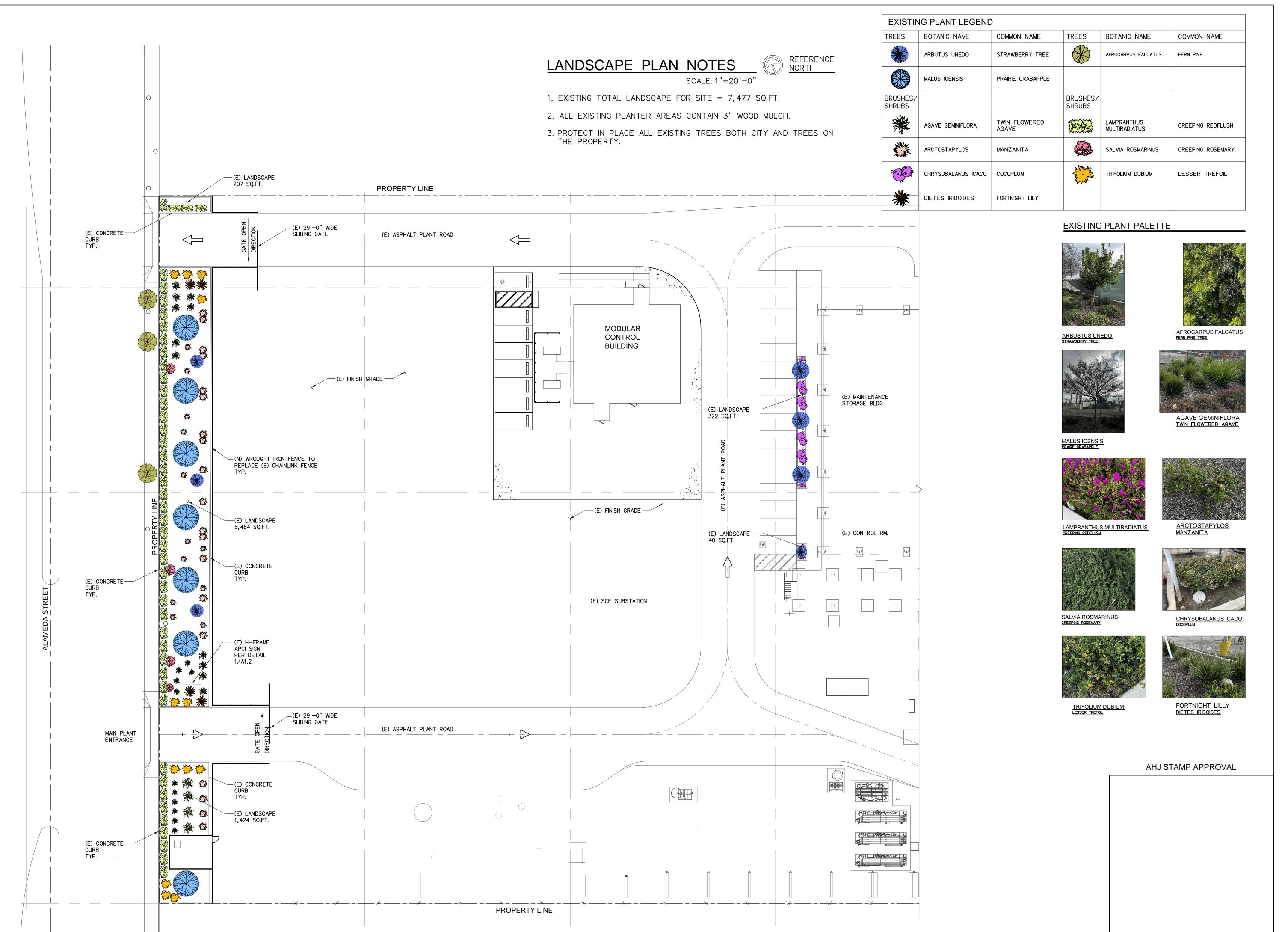
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SCALE AS-SHOWN

SHEET

S-A2.2



PROFESSIONAL NO. C.E. 61096 BEN-12/31/20

Engineering Center
Engineering Center, Inc

Professional Engineer Structural Engineer 335 N. Puente Street, Unit G, Brea, CA 9

LDING TY

MODULAR CONTROL BUILDIN AT APCI CARSON FACILITY

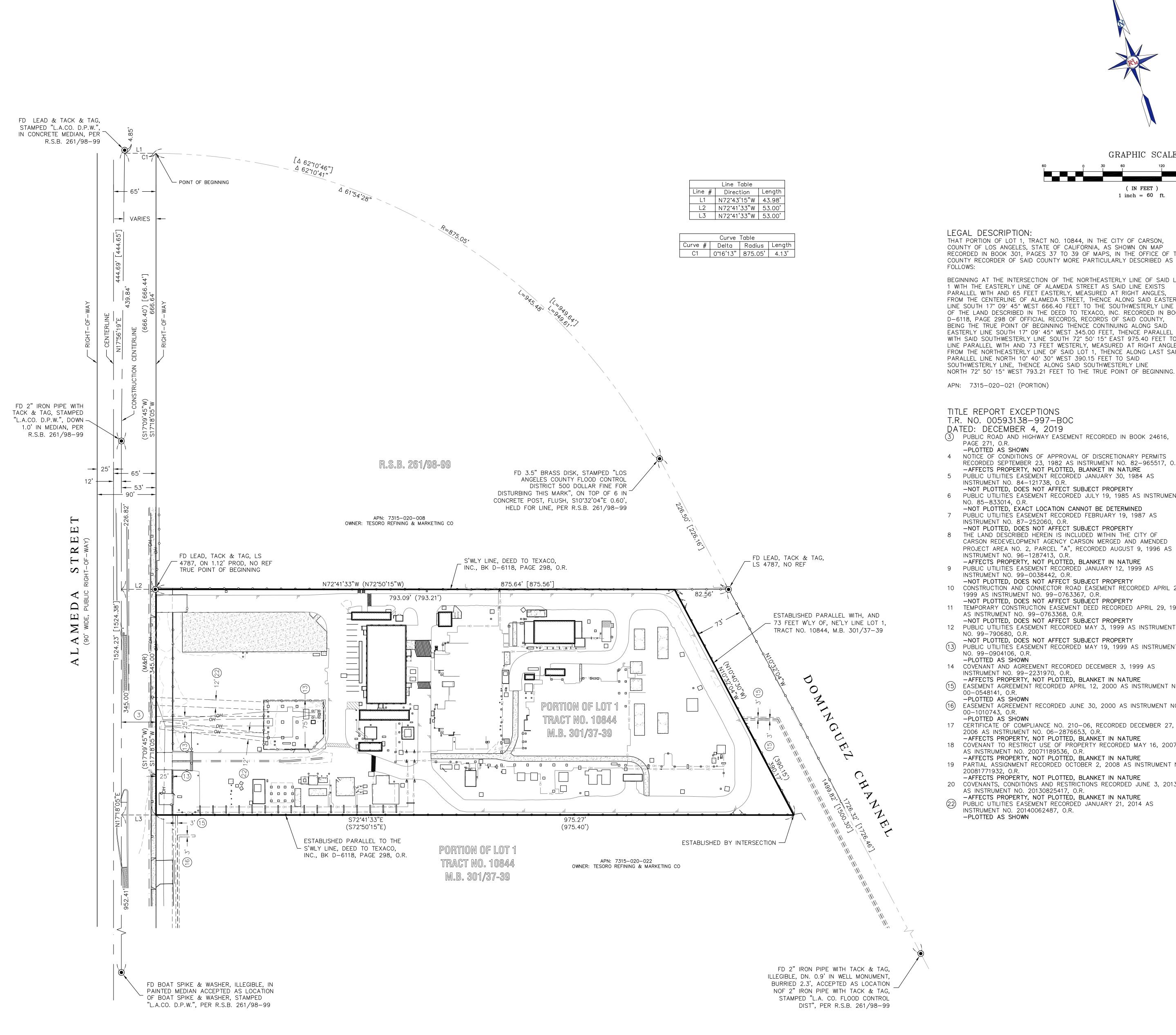
ANDSCAPE

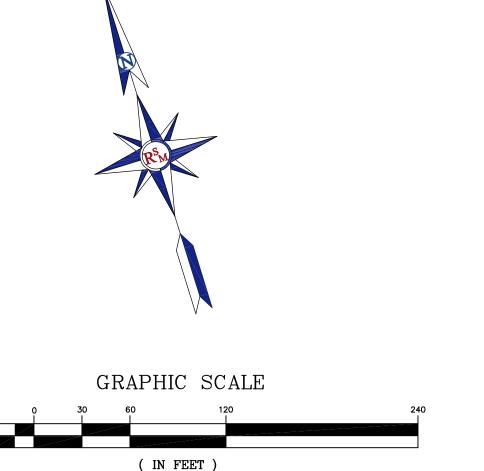
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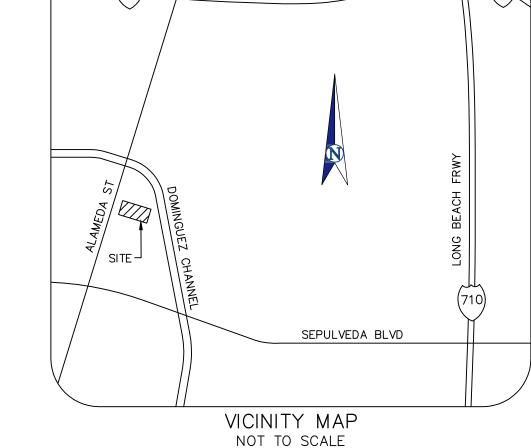
JOB NO 21-N007

S-LS2.0





1 inch = 60 ft.



SAN DIEGO FRWY

LEGAL DESCRIPTION:

THAT PORTION OF LOT 1. TRACT NO. 10844, IN THE CITY OF CARSON. COUNTY OF LOS ANGELES. STATE OF CALIFORNIA. AS SHOWN ON MAP RECORDED IN BOOK 301, PAGES 37 TO 39 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY MORE PARTICULARLY DESCRIBED AS

BEGINNING AT THE INTERSECTION OF THE NORTHEASTERLY LINE OF SAID LOT 1 WITH THE EASTERLY LINE OF ALAMEDA STREET AS SAID LINE EXISTS PARALLEL WITH AND 65 FEET EASTERLY, MEASURED AT RIGHT ANGLES, FROM THE CENTERLINE OF ALAMEDA STREET, THENCE ALONG SAID EASTERLY LINE SOUTH 17° 09' 45" WEST 666.40 FEET TO THE SOUTHWESTERLY LINE OF THE LAND DESCRIBED IN THE DEED TO TEXACO, INC. RECORDED IN BOOK D-6118, PAGE 298 OF OFFICIAL RECORDS, RECORDS OF SAID COUNTY, BEING THE TRUE POINT OF BEGINNING THENCE CONTINUING ALONG SAID EASTERLY LINE SOUTH 17° 09' 45" WEST 345.00 FEET, THENCE PARALLEL WITH SAID SOUTHWESTERLY LINE SOUTH 72° 50' 15" EAST 975.40 FEET TO A LINE PARALLEL WITH AND 73 FEET WESTERLY, MEASURED AT RIGHT ANGLES, FROM THE NORTHEASTERLY LINE OF SAID LOT 1, THENCE ALONG LAST SAID PARALLEL LINE NORTH 10° 40' 30" WEST 390.15 FEET TO SAID SOUTHWESTERLY LINE, THENCE ALONG SAID SOUTHWESTERLY LINE

APN: 7315-020-021 (PORTION)

TITLE REPORT EXCEPTIONS T.R. NO. 00593138-997-BOC

DATED: DECEMBER 4, 2019

(3) PUBLIC ROAD AND HIGHWAY EASEMENT RECORDED IN BOOK 24616,

- -PLOTTED AS SHOWN 4 NOTICE OF CONDITIONS OF APPROVAL OF DISCRETIONARY PERMITS RECORDED SEPTEMBER 23, 1982 AS INSTRUMENT NO. 82-965517, O.R.
- -AFFECTS PROPERTY, NOT PLOTTED, BLANKET IN NATURE 5 PUBLIC UTILITIES EASEMENT RECORDED JANUARY 30, 1984 AS
- -NOT PLOTTED, DOES NOT AFFECT SUBJECT PROPERTY 6 PUBLIC UTILITIES EASEMENT RECORDED JULY 19, 1985 AS INSTRUMENT
- NO. 85-833014, O.R. -NOT PLOTTED. EXACT LOCATION CANNOT BE DETERMINED
- 7 PUBLIC UTILITIES EASEMENT RECORDED FEBRUARY 19, 1987 AS INSTRUMENT NO. 87-252060, O.R.
- -NOT PLOTTED, DOES NOT AFFECT SUBJECT PROPERTY 8 THE LAND DESCRIBED HEREIN IS INCLUDED WITHIN THE CITY OF CARSON REDEVELOPMENT AGENCY CARSON MERGED AND AMENDED PROJECT AREA NO. 2, PARCEL "A", RECORDED AUGUST 9, 1996 AS INSTRUMENT NO. 96-1287413, O.R.
- -AFFECTS PROPERTY, NOT PLOTTED, BLANKET IN NATURE 9 PUBLIC UTILITIES EASEMENT RECORDED JANUARY 12, 1999 AS INSTRUMENT NO. 99-0038442, O.R.
- -NOT PLOTTED, DOES NOT AFFECT SUBJECT PROPERTY 10 CONSTRUCTION AND CONNECTOR ROAD EASEMENT RECORDED APRIL 29, 1999 AS INSTRUMENT NO. 99-0763367, O.R.
- -NOT PLOTTED, DOES NOT AFFECT SUBJECT PROPERTY 11 TEMPORARY CONSTRUCTION EASEMENT DEED RECORDED APRIL 29, 1999 AS INSTRUMENT NO. 99-0763368, O.R.
- -NOT PLOTTED, DOES NOT AFFECT SUBJECT PROPERTY 12 PUBLIC UTILITIES EASEMENT RECORDED MAY 3, 1999 AS INSTRUMENT
- NO. 99-790680, O.R. -NOT PLOTTED, DOES NOT AFFECT SUBJECT PROPERTY (13) PUBLIC UTILITIES EASEMENT RECORDED MAY 19, 1999 AS INSTRUMENT
- -PLOTTED AS SHOWN 14 COVENANT AND AGREEMENT RECORDED DECEMBER 3, 1999 AS
- INSTRUMENT NO. 99-2231970, O.R.
- -AFFECTS PROPERTY, NOT PLOTTED, BLANKET IN NATURE (15) EASEMENT AGREEMENT RECORDED APRIL 12, 2000 AS INSTRUMENT NO. 00-0548141, O.R.
- (16) EASEMENT AGREEMENT RECORDED JUNE 30, 2000 AS INSTRUMENT NO. 00-1010743, O.R.
- -PLOTTED AS SHOWN 17 CERTIFICATE OF COMPLIANCE NO. 210-06, RECORDED DECEMBER 27, 2006 AS INSTRUMENT NO. 06-2876653, O.R.
- -AFFECTS PROPERTY, NOT PLOTTED, BLANKET IN NATURE 18 COVENANT TO RESTRICT USE OF PROPERTY RECORDED MAY 16, 2007
- AS INSTRUMENT NO. 20071189536, O.R. -AFFECTS PROPERTY, NOT PLOTTED, BLANKET IN NATURE 19 PARTIAL ASSIGNMENT RECORDED OCTOBER 2, 2008 AS INSTRUMENT NO.
- 20081771932, O.R. -AFFECTS PROPERTY, NOT PLOTTED, BLANKET IN NATURE
- 20 COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED JUNE 3, 2013 AS INSTRUMENT NO. 20130825417, O.R. -AFFECTS PROPERTY, NOT PLOTTED, BLANKET IN NATURE
- INSTRUMENT NO. 20140062487, O.R. -PLOTTED AS SHOWN

GENERAL NOTES:

BASIS OF BEARING: THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2017.75) IN ACCORDANCE WITH THE CALIFORNIA PUBLIC RESOURCES CODE SECTIONS 8801-8819. BENCHMARK

L.A. COUNTY B.M. #7Y12195 ELEV = 20.093' NAVD 88 LEAD & DPW TAG IN E CURB, 25 FEET SOUTH OF DRIVEWAY CENTERLINE TO 23320 S. ALAMEDA STREET (LAVCO RECYCLERS) 2 FEET SOUTH OF FIRE HYDRANT.

AREA: 305,042 SQ. FT. 7.003 ACRES

ZONE: MH-D (HEAVY MANUFACTURING, D OVERLAY)

SETBACKS: 25 FEET OR 25% OF THE LOT DEPTH, WHICHEVER IS LESS FRONT: STREET SIDE: 10 FEET SIDE (NON-RESIDENTIAL): NONE

PARKING REQUIREMENTS:

REAR (NON-RESIDENTIAL): NONE

ONE PARKING SPACE FOR EACH 300 SQUARE FEET OF GROSS FLOOR AREA OR 1 PARKING SPACE FOR EVERY 2 EMPLOYEES ON THE LARGEST SHIFT, WHICHEVER IS GREATER. **EXISTING PARKING:**

1 HANDICAP STALL

12 REGULAR STALLS

MAXIMUM HEIGHT:

13 STALLS TOTAL FLOOD ZONE:

AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL

COMMUNITY PANEL NOS: 06037C1955F & 06037C1965F DATED: SEPTEMBER 26, 2008

ACCESS NOTED: ACCESS TO THE PROPERTY IS FROM ALAMEDA STREET, A PUBLIC RIGHT-OF-WAY. POSSIBLE ENCROACHMENTS:

BOUNDARY NOTES:

() - RECORD PER TITLE REPORT LEGAL DESCRIPTION 1 - RECORD PER R.S.B. 261/98-99

M&R - MEASURED & RECORD

SURVEYORS CERTIFICATION:

TO: AIR PRODUCTS AND CHEMICALS INC. A DELAWARE CORPORATION. & TICOR TITLE:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS AND INCLUDES ITEMS 2, 3, 4, 5, 6, 6(A), 6(B), 7(A), 7(B)(1), 7(C), 8, 9, 10(A), 10(B), 12, 13, 14, 16, 17, 19 AND 20 OF TABLE A THÉREOF. THE FIELD WORK WAS COMPLETED ON DECEMBER 26, 2019.

DATE OF PLAT OR MAP: JANUARY 10, 2020

THE PROPERTY DESCRIBED AND SHOW HEREON IS THE SAME PROPERTY AS DESCRIBED IN TICOR TITLE INSURANCE COMPANY TITLE REPORT NUMBER 00593138-997-BOC, DATED DECEMBER 4, 2019.

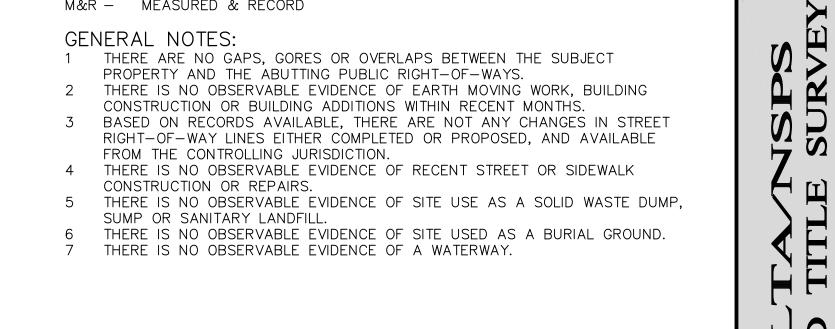


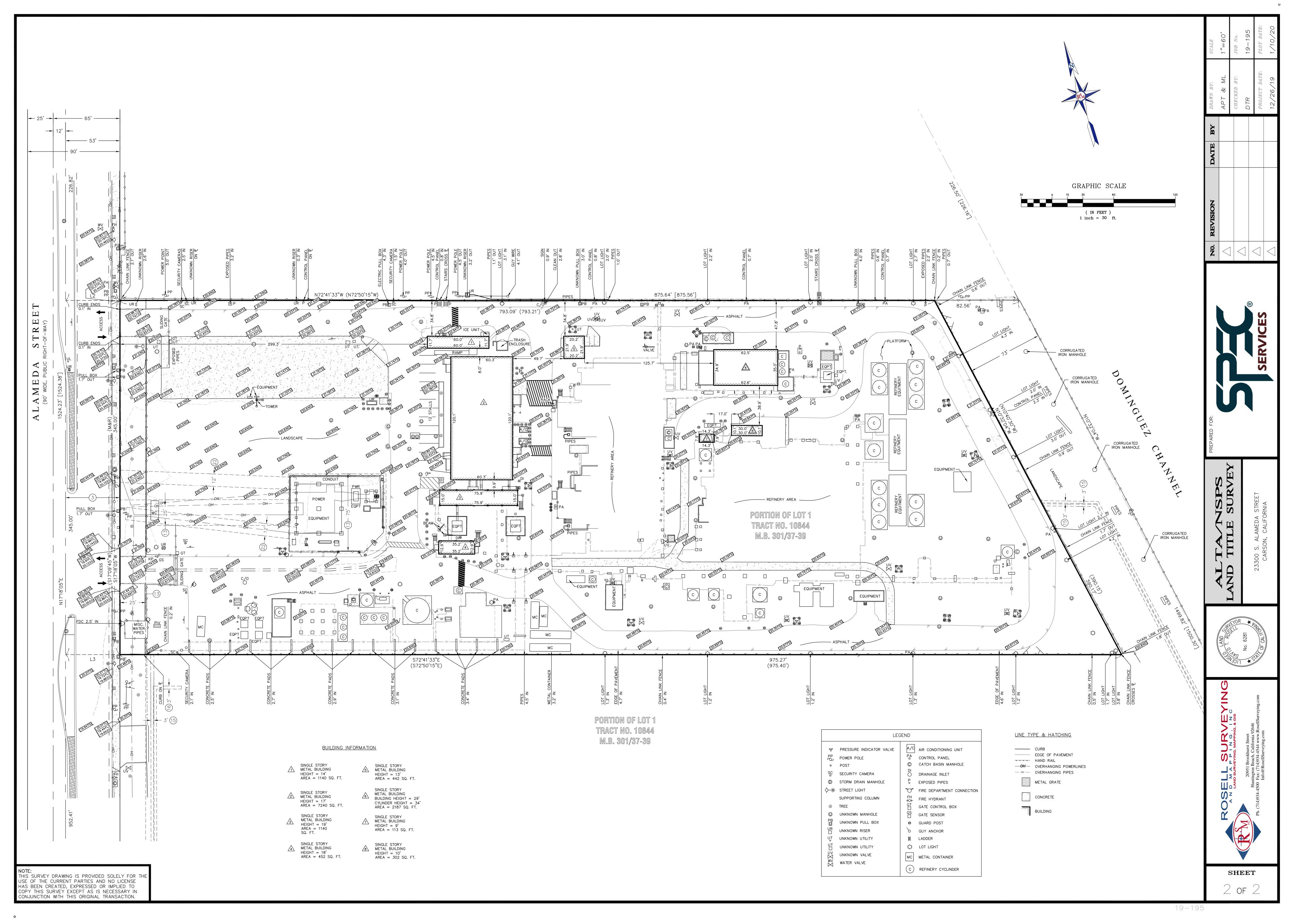
SHEET $\mathsf{OF}\ \mathcal{Z}$

19-195

USE OF THE CURRENT PARTIES AND NO LICENSE HAS BEEN CREATED, EXPRESSED OR IMPLIED TO COPY THIS SURVEY EXCEPT AS IS NECESSARY IN CONJUNCTION WITH THIS ORIGINAL TRANSACTION.

THIS SURVEY DRAWING IS PROVIDED SOLELY FOR THE





48'x52'x12'-6" MODULAR BUILDING

SERIAL NO.'s

CBR125221015 CBR125221016 CBR125221017 CBR125221018





Wichita, KS • 316.684.9600

PRODUC

TITLE SHEET

2001060735 01/29/21 **AS NOTED**

REVISION SHEET NO. G1.0

1 OF 1



REDGUARD

SUPPLIER

REDGUARD

401 W. 47th St. SO Wichita, KS 67217 (316) 440-1800 www.redguard.com

MECHANICAL, PLUMBING, **ELECTRICAL DESIGN &** STRUCTURAL SITE ADAPTS

MKEC Engineering 411 N. Webb Rd. Wichita, KS 67206 (316) 684-9600 www.mkec.com

STRUCTURE FABRICATOR

J.R. Custom Metal Products, Inc. 2237 West Street Ct Wichita, KS 67213 (316)263-1318 www.jrcmp.com

COVER PLAN REDGUARD	G1.0 PROJECT COVER SHEET A1.1 FLOOR PLAN
	A1.2 SCHEDULES
	A1.3 ADA CLEARANCES
	A1.4 ADA DETAILS
	A2.1 INTERIOR ELEVATIONS
	A2.2 INTERIOR ELEVATIONS A3.1 WALL SECTION
	A3.2 WALL SECTION
	A3.3 WALL SECTION
	A3.4 EXTERIOR DOOR VIEW
	A4.1 EXTERIOR ELEVATIONS
	A4.2 FOUNDATION CONTACT POINTS
MECHANICAL	M1.0 MECHANICAL COVERSHEET
	M2.0 MECHANICAL HVAC PLAN
	M3.0 MECHANICAL DETAILS M4.0 MECHANICAL SCHEDULES
	M5.0 TITLE 24 DOCUMENTATION
	M5.1 TITLE 24 DOCUMENTATION
	M5.2 TITLE 24 DOCUMENTATION
	P1.0 PLUMBING PLANS
	P1.1 PLUMBING WASTE AND VENT PLAN
	P2.0 PLUMBING DETAILS AND SCHEDULES
	P3.0 TITLE 24 DOCUMENTATION P3.1 TITLE 24 DOCUMENTATION
ELECTRICAL	E1.0 ELECTRICAL COVERSHEET
	E2.0 ELECTRICAL POWER & SYSTEMS PLAN
	E2.1 ELECTRICAL LIGHTING PLAN
	E3.0 ELECTRICAL DETAILS
	E3.1 ELECTRICAL DETAILS
	E4.0 ELECTRICAL SCHEDULES E4.1 ELECTRICAL SCHEDULES
	E5.0 TITLE 24 DOCUMENTATION
	E5.1 TITLE 24 DOCUMENTATION
	E5.2 TITLE 24 DOCUMENTATION
	E5.3 TITLE 24 DOCUMENTATION
	E5.4 TITLE 24 DOCUMENTATION
GAS DETECTION	C1.0 GAS DETECTION WIRING DIAGRAM
CTDLICTLICAL	C2.0 GAS DETECTION LOCATION PLAN
STRUCTURAL	S1.1-S1.9: 12 X 52 BUILDING No. 15 DRAWINGS S2.1-S2.8: 12 X 52 BUILDING No. 16 DRAWINGS
	S3.1-S3.6: 12 X S2 BUILDING NO. 16 DRAWINGS S3.1-S3.6: 12 X S2 BUILDING No. 17 DRAWINGS
	S4.1-S4.10: 12 X 52 BUILDING No. 18 DRAWINGS
	S5.1-S5.7: ENTRY BUILDING DRAWINGS
	S6.1-S6.4: BUILDING CONNECTION DETAILS
	S7.1-S7.4: FOUNDATION PLANS, NOTES AND SECTIONS

GENERAL NOTES

- DATA PLATE AND MODULAR LABEL ARE AFFIXED TO THE WALL NEXT TO THE ELECTRICAL PANEL AS PER INTERIOR ELEVATIONS DRAWING
- MINIMUM FIRE SEPERATION DISTANCE FROM EXTERIOR WALLS OR PROJECTIONS SHALL NOT BE LESS THAN 10'-0" FROM OTHER BUILDINGS OR KNOWN AS ASSUMED PROPERTY LINE. FIRE PROTECTION SYSTEM TO BE DESIGNED AND INSTALLED BY OTHERS ON SITE
- ALL WELDING RODS TO BE CLASS E70XX. SEE STRUCTURAL AND FABRICATION GENERAL NOTES, SHEET S1.0, FOR ADDITIONAL DESIGN CRITERIA AND FABRICATION SPECIFICATIONS.
- THE STRUCTURAL STEEL MATERIAL WILL BE IDENTIFIED, DESIGNED, FABRICATED, AND WELDED IN COMPLIANCE WITH AISC 360-2010, AISI S100-2012, AND AWS D1.1-2010.
- BUILDING NOT DESIGNED TO BE IN A FLOOD PRONE AREA
- · CONSTRUCTION DRAWINGS APPLY ONLY TO THE FACTORY BUILT PORTION OF THIS BUILDING. ADDITIONAL WORK IS REQUIRED ON SITE. ON-SITE WORK SHALL BE COMPLETED IN COMPLIANCE WITH ALL STATE AND LOCAL CODES, AND IS SUBJECT TO REVIEW, APPROVAL, AND INSPECTION BY THE LOCAL AUTHORITY HAVING JURISDICTION. ALL ON-SITE WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR WITH EXPERIENCE IN MODULAR BUILDINGS. THE FOLLOWING LIST IS NOT ALL INCLUSIVE, NOR DOES IT LIMIT THE ITEMS OF WORK OR MATERIALS THAT MAY BE REQUIRED FOR COMPLETE INSTALLATION. 1. COMPLETE FOUNDATION SUPPORT
 - 2. RAMPS, STAIRS, AND GENERAL ACCESS TO BUILDING
 - ELECTRICAL SERVICE CONNECTION TO BUILDING (INCLUDING FEEDERS)
- MAIN ELECTRICAL PANEL AND SUB-FEEDERS
- 5. SITE LIGHTING
- 6. THIS STRUCTURE SHALL NOT BE PLACED IN A FLOOD HAZARD ZONE.

STRUCTURAL GENERAL NOTES:

- 1. THIS BUILDING IS INTENDED TO BE INSTALLED IN CARSON, CALIFORNIA, 90810. DESIGN AND CONSTRUCTION SHALL CONFORM TO THE "2019 CALIFORNIA BUILDING CODE" WITH LOCAL AMENDMENTS.
- 2. ENVIRONMENTAL DESIGN CRITERIA AND LOADS:

ESTIMATED BUILDING TOTAL DEAD LOAD: ROOF LIVE LOAD: GROUND SNOW LOAD: FLOOR LIVE LOAD:	234 KIPS 20 PSF 0 PSF 100 PSF
BASIC WIND SPEED (3 SEC. GUST): WIND EXPOSURE: WIND RISK CATEGORY: WIND DESIGN ASSUMES PLACEMENT ON LEVEL	95 MPH Vult C II GRADE, WHERE Kzt = 1.0.
SEISMIC DESIGN CATEGORY: SEISMIC SITE CLASS: SEISMIC REDUNDANCY FACTOR: SEISMIC RISK CATEGORY: Ss: S1:	D D 1.3 II 1.626g 0.6125g
	F-SUPPÖRTING STRUCTURES, TANKS OR VESSELS NOT COVERED

OMEGA: 2.0 2.5 CALCULATED Cs USING EQUIVALENT 0.8672 LATERAL FORCE PROCEDURE:

CALCULATED ENVIRONMENTAL LATERAL DESIGN LOADS (ULT): 15.42 KIPS TRANSVERSE WIND BASE SHEAR: SEISMIC BASE SHEAR: 263.6 KIPS

- 3. HOLES, PIPES, SLEEVES, ETC. NOT SHOWN ON THE DRAWINGS MUST BE REVIEWED BY THE ENGINEER BEFORE PLACEMENT THROUGH STRUCTURAL MEMBERS.
- 4. SEE SHEET S7.1 FOR FOUNDATION AND ANCHORAGE GENERAL NOTES.

CODE DATA

2019	CALIFORNIA BUILDING CODE
2019	CALIFORNIA MECHANICAL CODE
2019	CALIFORNIA PLUMBING CODE
2019	CALIFORNIA ENERGY CODE
2019	CALIFORNIA FLECTRICAL CODE

BUILDING DATA

THIS BUILDING WILL NOT BE LOCATED IN A CLASSIFIED ENVIRONMENT AS DEFINED BY NEC ARTICLE 500.

CONSTRUCTION TYPE = V-BOCCUPANCY CLASSIFICATION = B

THIS BUILDING WILL NOT BE LOCATED WITHIN 60 FEET OF AN UNLIMITED AREA BUILDING.

BUILDING HEIGHT = 12'-6" FT BUILDING AREA = 2496 SQ. FT. OCCUPANT LOAD = 25

REDGUARD PROPRIETARY NOTE

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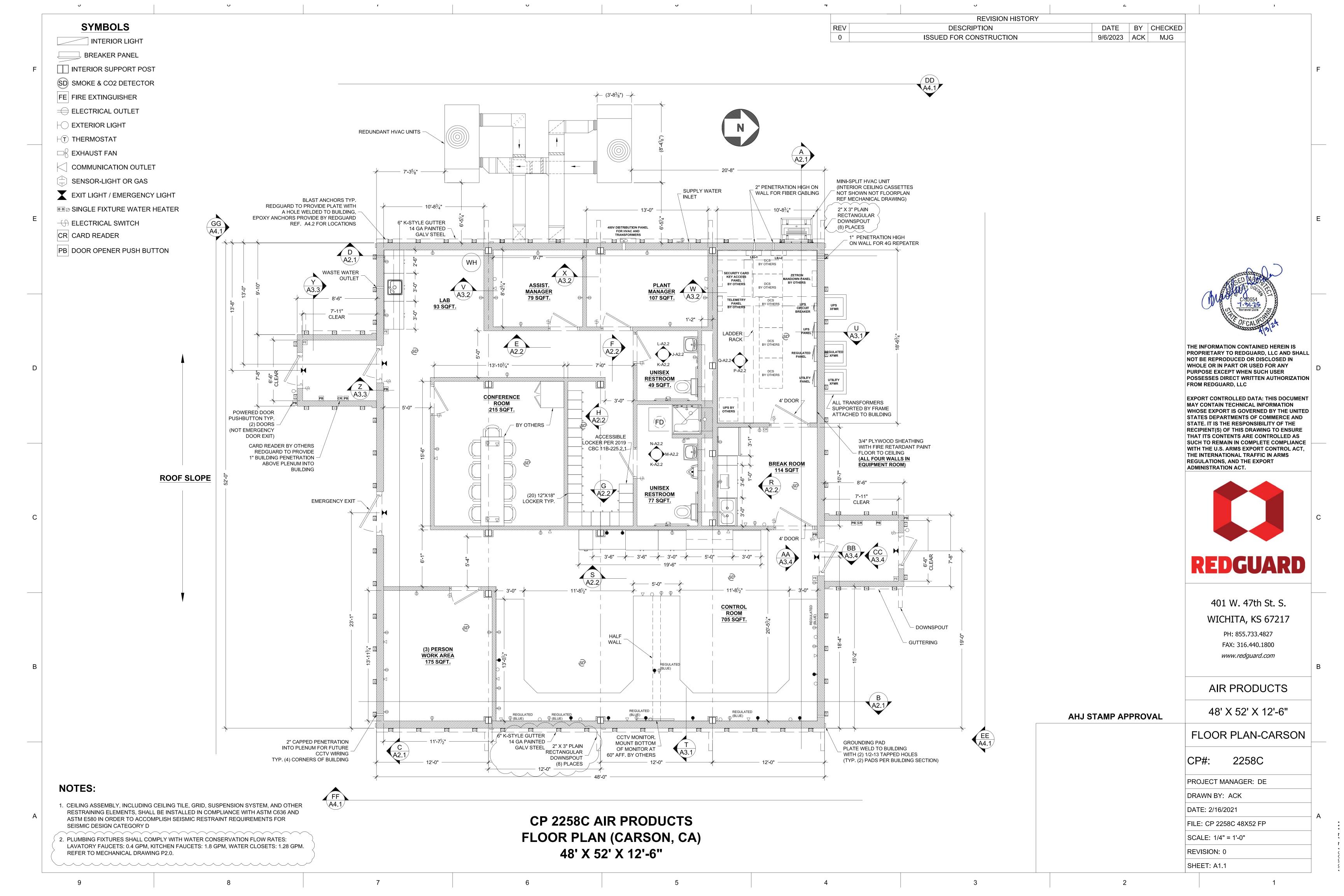
TYSON DINGES FOR STRUCTURAL SITE ADAPT SHEETS ONLY.

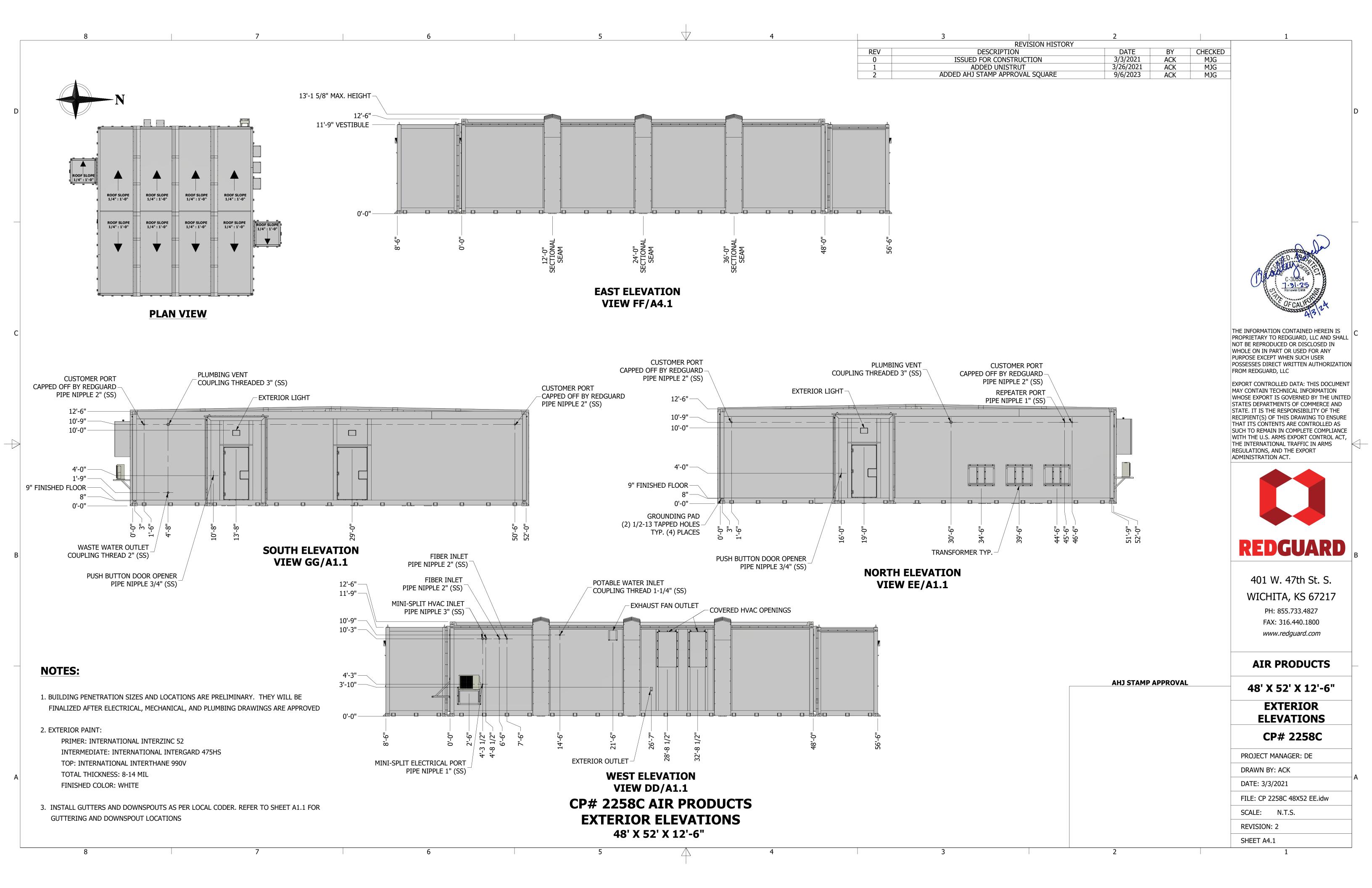


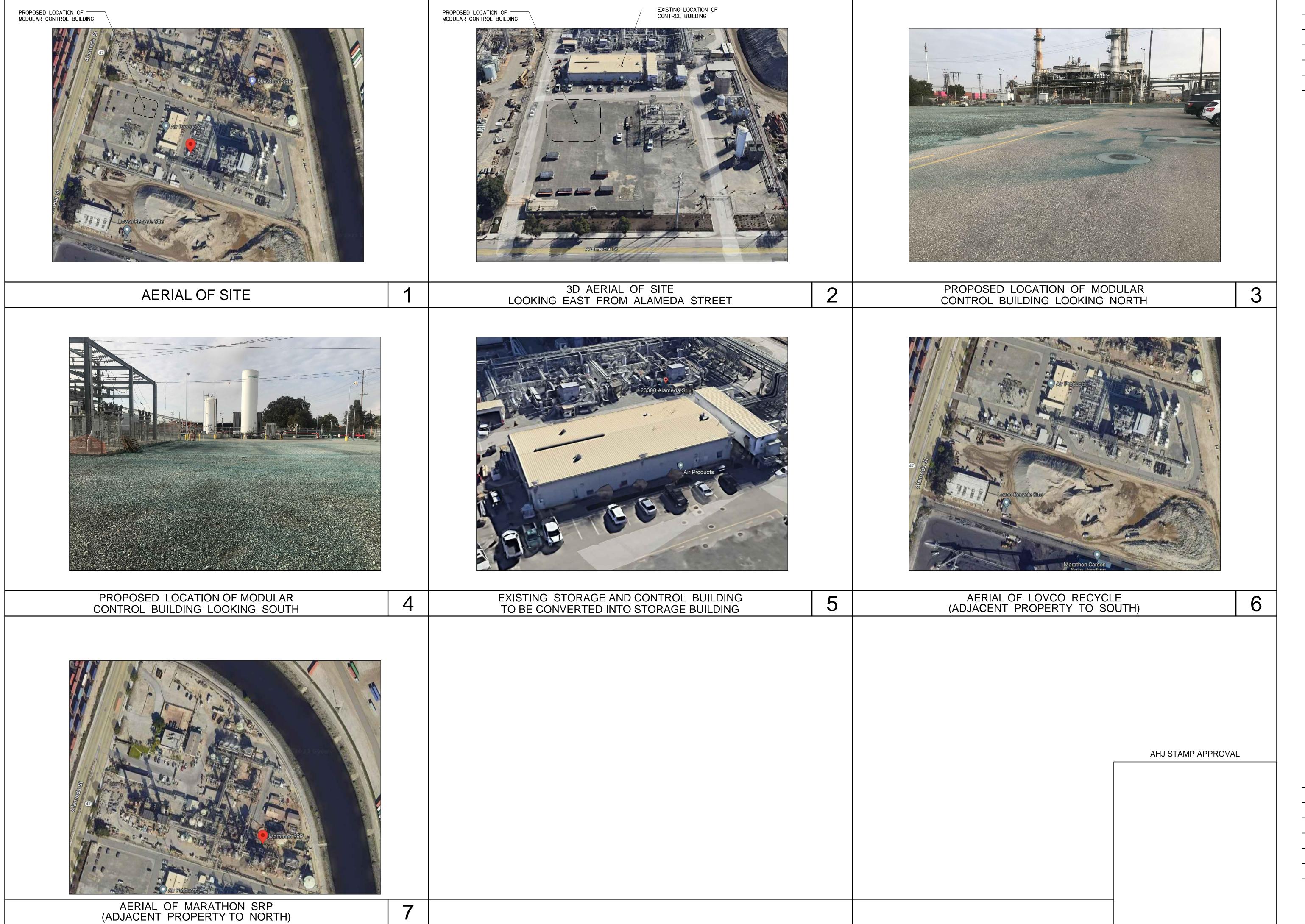
SHEETS ONLY.



JAMES J. WOODY FOR MECHANICAL SHEETS ONLY.



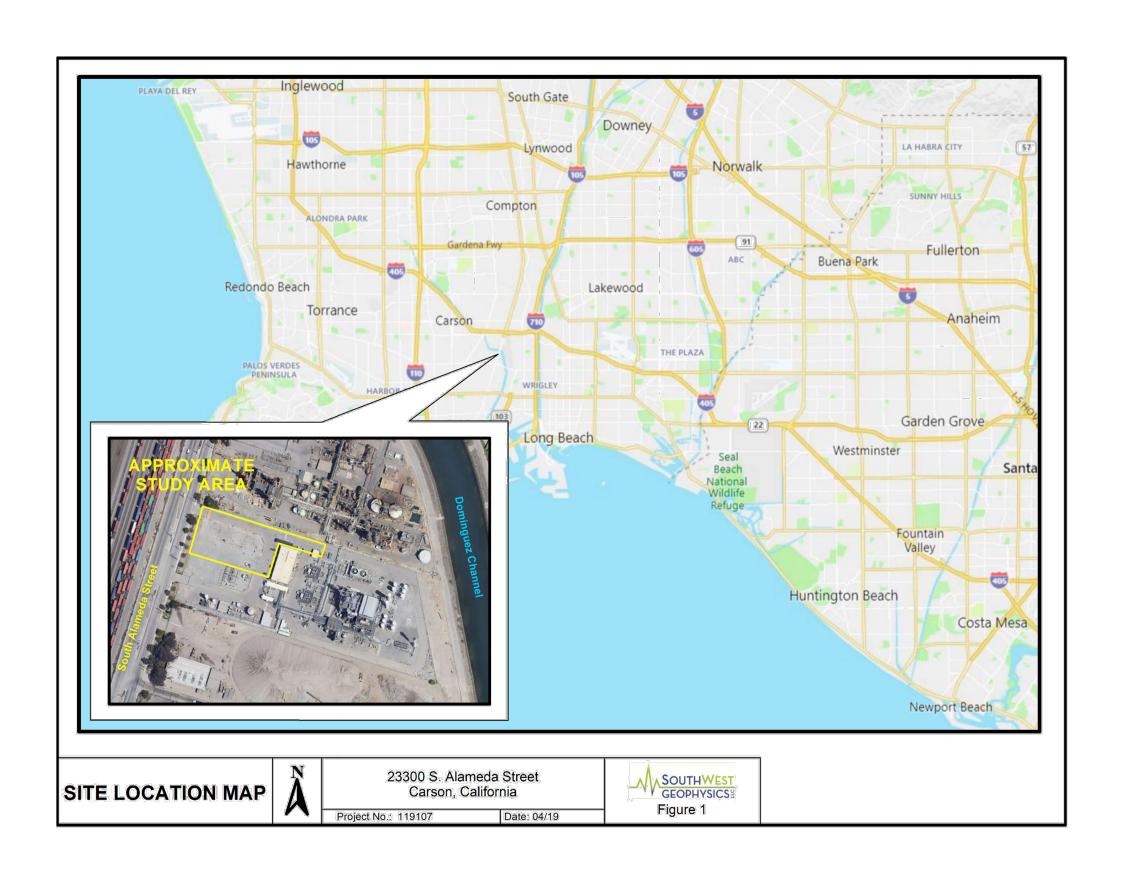


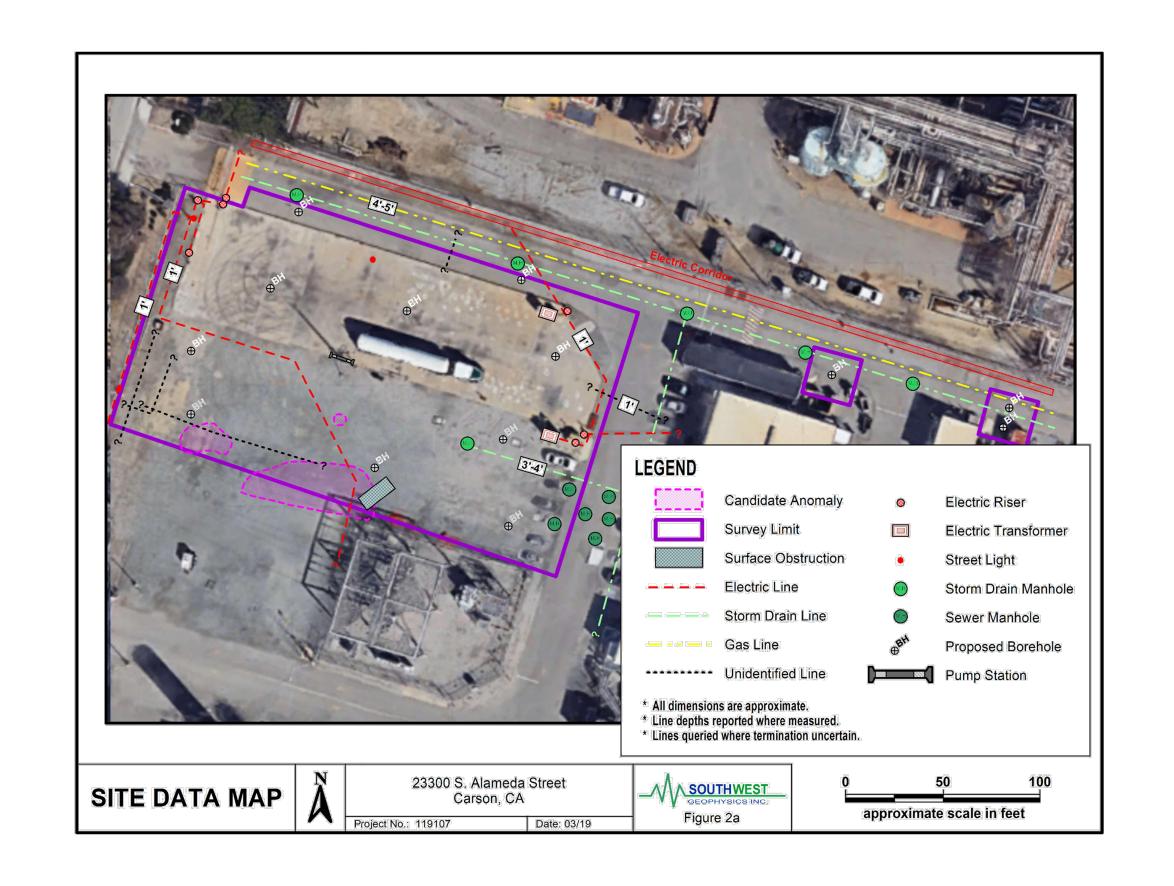


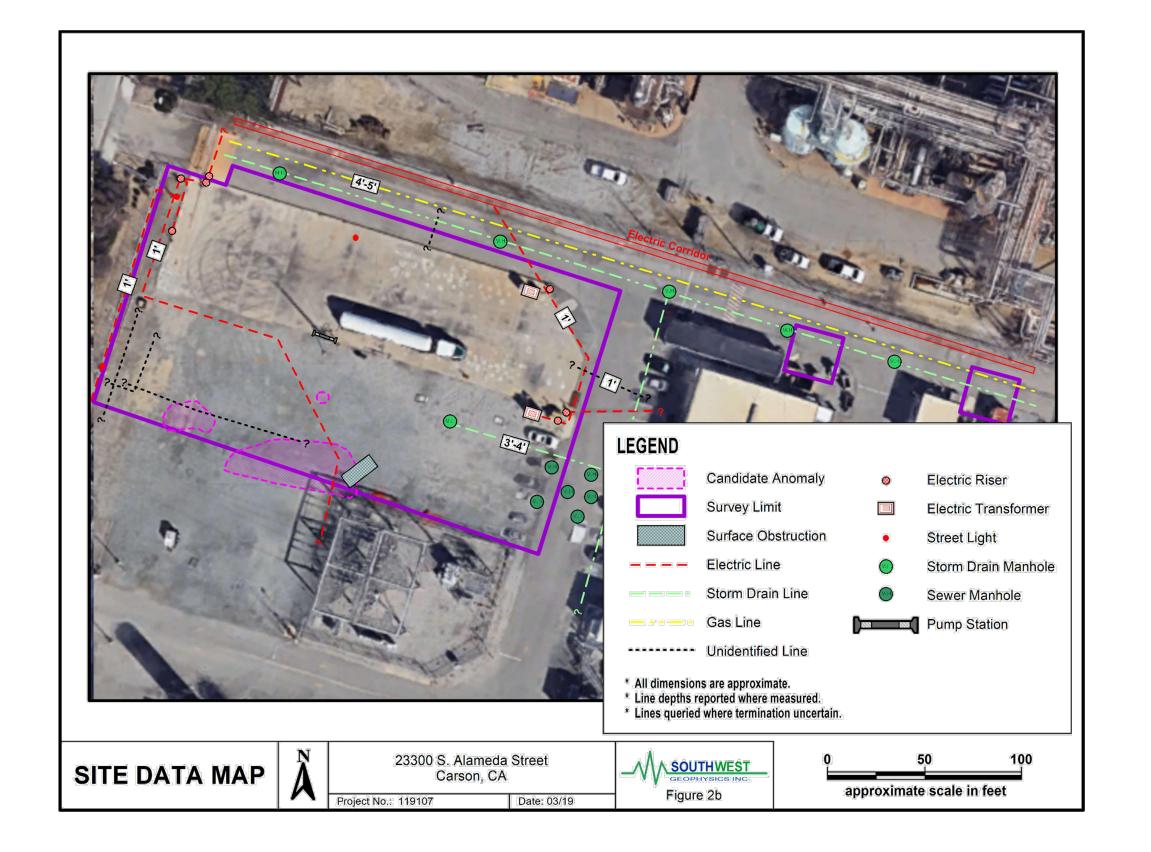
100% SUBMITTAL PLAN CHECK PLANNING SUBMITTAL 04/17/2024

MODULAR CONTROL BUILDIN AT APCI CARSON FACILITY

DRAWN FR







AHJ STAMP APPROVAL

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SUBMITTALS

Structural Structural

MODULAR CONTROL BUILDING AT APCI CARSON FACILITY

> SITE DATA MAP

DRAWN FR

CHECKED NAS

DATE 04/17/2024

SCALE AS-SHOWN

JOB NO 21-N007

SD 1