

A0

 WAREHOUSE ROOF PLAN
SCALE: 1/8" = 1'-0"

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Wall sconce

PWS

Rugged construction

On and off-line lighting
Lighting is rated IP68 and
survives a 100' drop

Multiple finish options

Black, white, bronze, silver, PM
and medium gray finishes
Three options available, max 30'



Emergency battery backup

Optional emergency battery
back up (max 24 hr of light)
Rechargeable and
integrates to the luminaire

Precision optics

Multiple beam pattern
for mounting at 10, 20, 30
degrees



Optional integral motion sensor

Completely integral to the
luminaire with control optics
Close out side away from
entrance of the luminaire
Offers energy savings and
enhanced sense of security

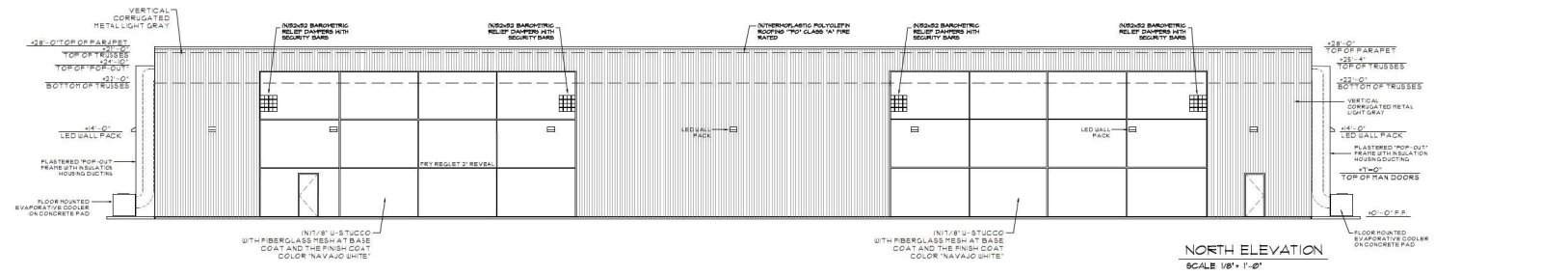
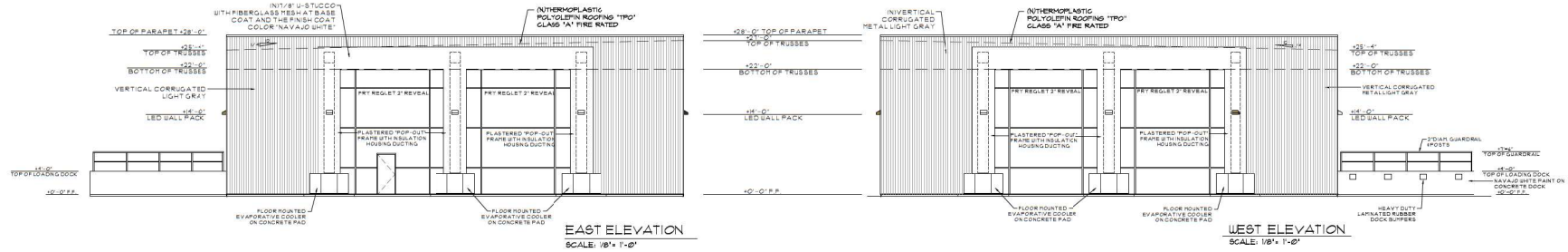
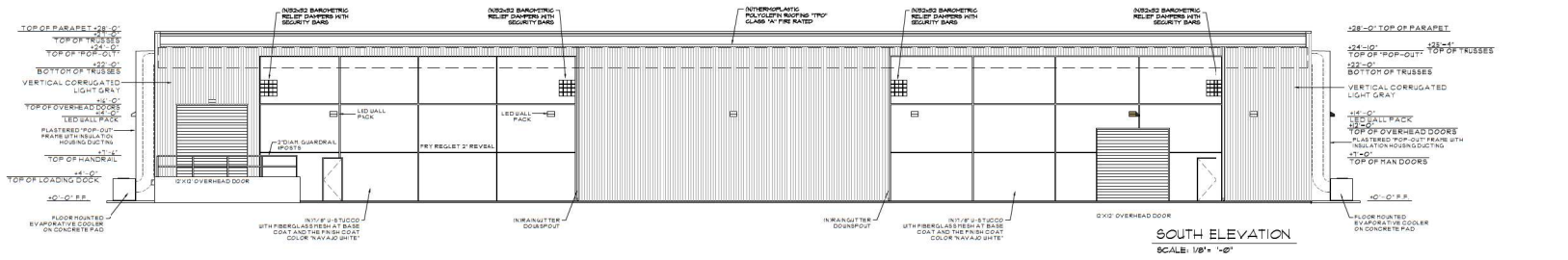
Comfort optics

Control glare and glare
that is experienced by providing
a wide beam of light



Weight: Precision optics luminaires, 20 lbs
Comfort optics luminaires, 20 lbs

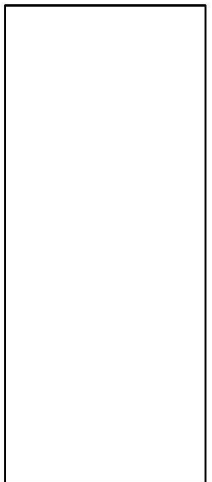
WALL SCONCE LED LIGHTING



DC
DESERT CONCEPTS
CONSTRUCTION, INC.
75-775 AVE 40 INDO, CA 92201
PHONE : (760) 200-4017
FAX : (760) 200-4014
EMAIL : info@desertconcepts.net
LIC. #849837 / DFR #100009619

WENDELL W. VEITH
ARCHITECT
(760) 953-4556

GoodWay
Design and Drafting
42-280 BEACON HILL, SUITE D-10
PALM DESERT, CA 92261
Ramon Gutierrez (760) 465-7003 / ramongw@gmail.com
Adolfo Gutierrez (760) 896-5210 / adf@goodway.com



NO.	DATE	REVISIONS

PROJECT: AN INDUSTRIAL BUILDING FOR:
ARMTEC DEFENSE TECHNOLOGIES
APR 78-4200134
CONCHELLA, CA 92238

TITLE
WAREHOUSE ELEVATIONS

DATE APR 2020	DRN BY R.G.		SHEET NO A2 OF
SCALE AS NOTED	APPROVE		



Results Summary

Luminaire Schedule					
Symbol	Qty	Label	Description	LLF	Luminaire Lumens
	22	D	PWS-C-A03-NW-G2-4-UNV	0.900	6169

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
pavement_Top_1	Illuminance	Fc	1.21	6.0	0.1	12.10	60.00



Wall Mount

PureForm

LED wall sconce



				(REV1) OUTDOOR-WAREHOUSE ARMTEC					L25048
1	UPDATED/CHANGED LAYOUT	CC	2/19/2025	 1 Van De Graaff Drive Burlington, MA 01803	THIS DRAWING IS THE PROPERTY OF GENLYTE AND CONTAINS PROPRIETARY INFORMATION. THIS DRAWING SHALL NOT BE REPRODUCED, COPIED, OR USED WITHOUT PRIOR EXPRESS WRITTEN PERMISSION. (C) 2024 GENLYTE HOLDING - All Rights Reserved. DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and good practice. Some differences between measured values and calculated results may occur due to differences in calculation methods, lighting procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the light calculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.	By : CC	Date: 2/19/2025	A-5	
REV	REVISION DESCRIPTION	BY	DATE			SFID :	Units: Feet		
						Filename: L25048-OUTDOOR WAREHOUSE WORKING FILE.AGI			

Nudura®



Nudura®ICFs are a proven method of providing you a better alternative to traditional building methods

Buildings today demand reliable, energy efficient and eco-friendly walls that provide superior performance to minimize energy costs, reduce carbon emissions and maximize property value. Structures made of Nudura®Insulated Concrete Forms (ICFs) offer superior strength, disaster resilience, sound and fire-resistance and energy efficiency. This is why the design community, developers, builders and contractors across the world continue to choose Nudura's ICFs and insulation products as a proven alternative to traditional building methods.

Nudura products provide the freedom and versatility to design and build projects the way they are envisioned. Designing and building with Nudura gives you the opportunity to build faster with more design flexibility, while offering an eco-friendly structure with substantial benefits that contribute to long-term energy savings. When choosing Nudura ICFs you can rest assured you have chosen the best building solution available today.

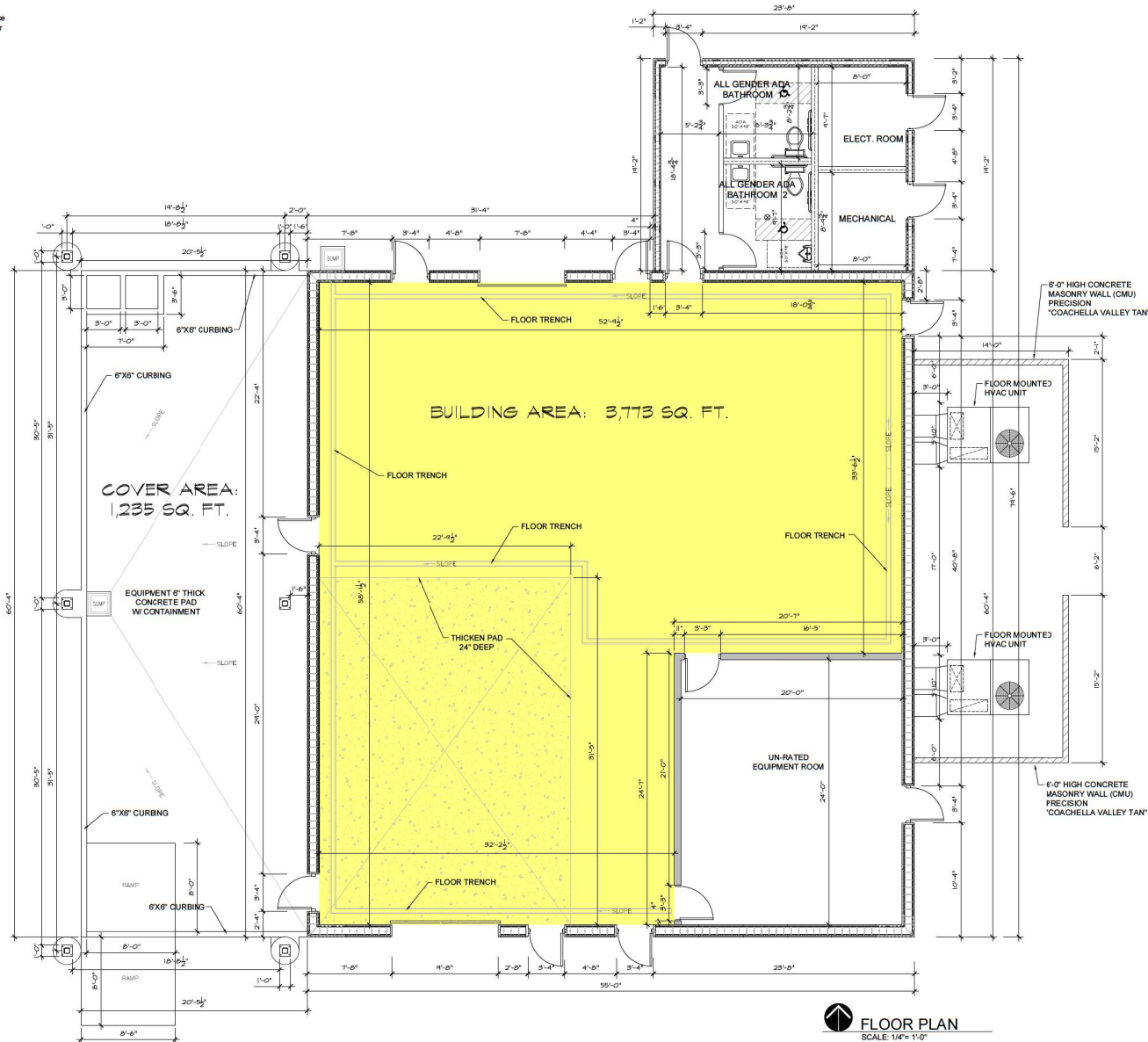
Nudura is now proudly part of Tremco Construction Products Group (CPG). A Tremco CPG single-source building envelope means more for everyone—more satisfied contractors, more comfortable occupants or tenants and more efficient structures and cost-effective operation for building owners.



INSULATED CONCRETE FORM (ICF BLOCKS)

BUILDING DATA RESEARCH & DEVELOPMENT (SOUTHERN PARCEL)

- ASSESSOR'S PARCEL NUMBER 778-390-008
- ZONED (M-H) HEAVY INDUSTRIAL. ENGINEERING RESEARCH, TESTING FIRMS, & LABORATORIES USES ARE PERMITTED.
- PROPOSED TYPE V-B CONSTRUCTION. LABORATORY WILL REQUIRE A 2HR FIRE RATED WALLS & ROOF ASSEMBLY.
- BUILDING AREA : 3,773 SQ.FT.
- COVERED AREA : 1,235 SQ.FT.
- SINGLE STORY (26'-8" APPROXIMATE HEIGHT)



DC
DESERT CONCEPTS
CONSTRUCTION, LLC
75-775 AVE 40 INDIO, CA 92201
PHONE : (760)200-4007
FAX : (760)200-4014
EMAIL : info@desertconceptsllc.com
LIC. #84937 / DR #100009619

WENDELL W. VEITH
ARCHITECT
(760) 953-4556

GoodWay
Design and Drafting
42-280 BEACON HILL, SUITE D-10
PALM DESERT, CA 92261
Ramon Gutierrez (760)655-7003 / ramongutierrez@gmail.com
Adolfo Gutierrez (760)896-5210 / adflogutierrez@gmail.com

LEGEND

- HAZARDOUS AREA
- INSULATED CONCRETE (ICF) BLOCKS 4" FORM
- ICF BLOCKS 8" FORM
- INTERIOR WALL 3-5/8" 20 GA. METAL STUD @ 16" O.C. WITH 5/8" DRYWALL BOTH SIDES UP TO BOTTOM OF TRUSSES AND R-13 FIBERGLASS BATT INSULATION.
- INTERIOR PLUMBING DEMISING WALL 6" 20 GA. METAL STUD @ 16" O.C. WITH 5/8" DRYWALL BOTH SIDES UP TO BOTTOM OF TRUSSES AND R-13 FIBERGLASS BATT INSULATION.
- INTERIOR WALL 6" 16 GA. METAL STUD @ 16" O.C. WITH 5/8" FIRE RATED GYPSUM BOARD BOTH SIDES UP TO BOTTOM OF TRUSSES AND R-13 FIBERGLASS BATT INSULATION.
- 6'-0" HIGH PRECISION CMU WALL SCREEN WALL FOR MECHANICAL EQUIPMENT

NO.	DATE	REVISIONS

PROJECT: AN INDUSTRIAL BUILDING FOR:
ARMTEC DEFENSE TECHNOLOGIES
85001 AVENUE 53
CONCHELLA, CA 92338

TITLE
FLOOR PLAN RESEARCH & DEVELOPMENT

DATE APR. 2020	DRN. BY R.G.		SHEET NO A6
SCALE AS NOTED	APPROVED		
OF			

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ROOF NOTES

INDICATES DIRECTION OF
SLOPE. SLOPE 2:12 WHEN
APPLICABLE

NOTE: ALL FLASHING,
COUNTERSLASHING AND COPING WHEN
OF METAL SHALL BE NOT LESS THAN
NO. 26 GA.

ROOF ASSEMBLY SHALL HAVE A
CLASS "A" FIRE RATING.

T.O.P. - TOP OF PARAPET

T.O.S. - TOP OF SHEATHING

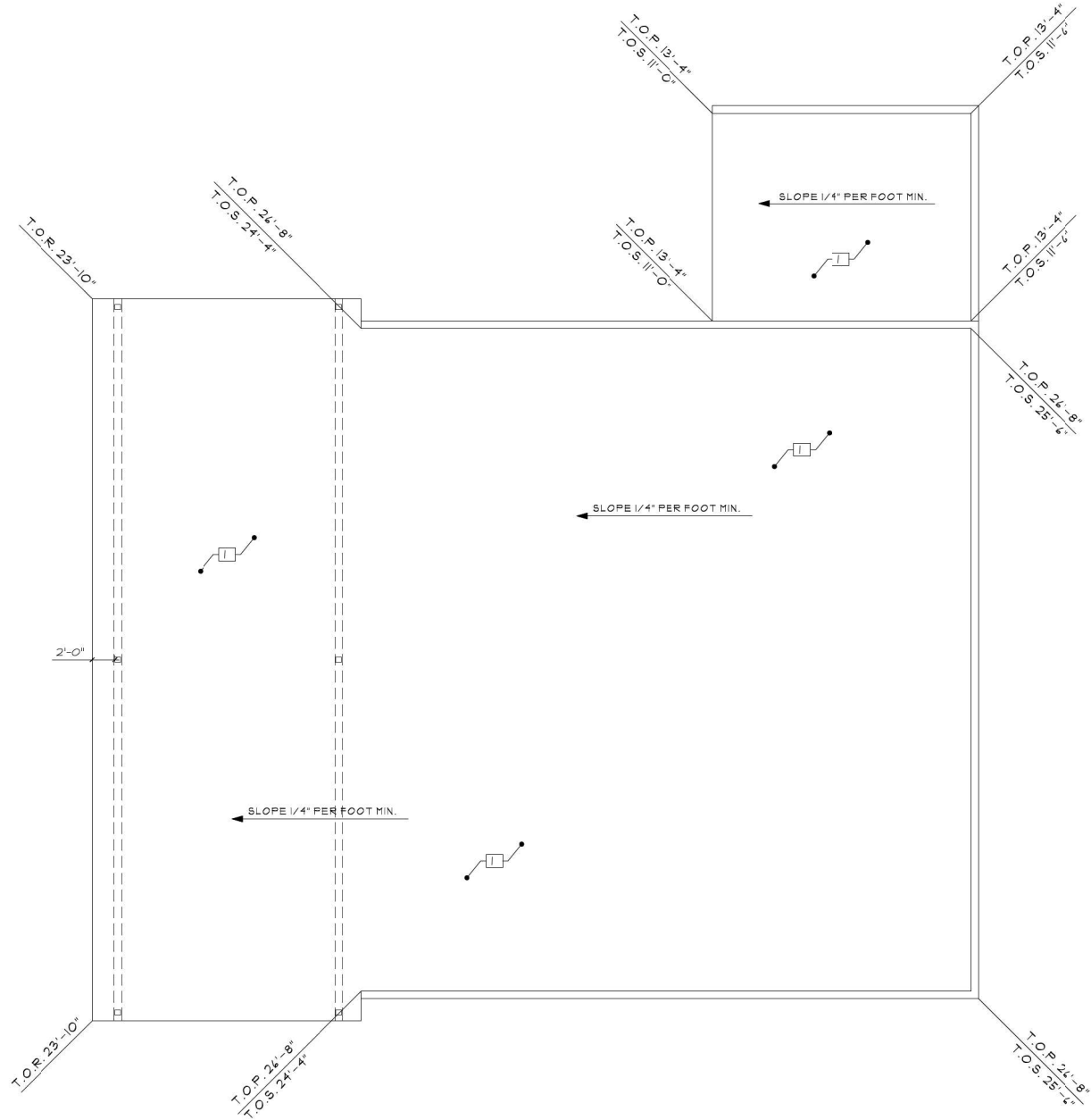
T.O.R. - TOP OF ROOF

NOTE

INSTALLATION OF ROOFING SHALL
BE IN ACCORDANCE WITH
MANUFACTURER'S SPECIFICATIONS.

ROOF KEY NOTES

□ THERMOPLASTIC POLYOLEFIN (TPO)
ROOFING, CLASS-"A"



RESEARCH & DEVELOPMENT ROOF PLAN
SCALE: 1/4"=1'-0"

DESERT CONCEPTS
CONSTRUCTION, INC.
75-775 AVE. 40 INCH, CA 92201
PHONE: (760) 200-4007
FAX: (760) 200-4014
EMAIL: info@desertconcepts.net
LIC. #849837 / DCR #100000619

WENDELL W. VEITH
ARCHITECT
(760) 953-4556

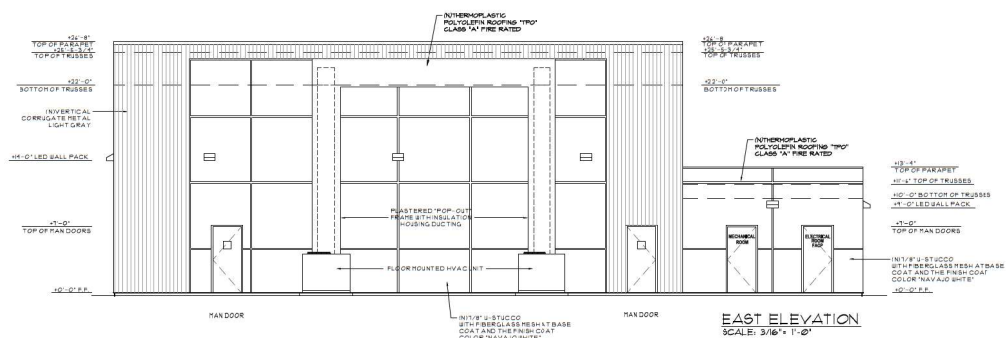
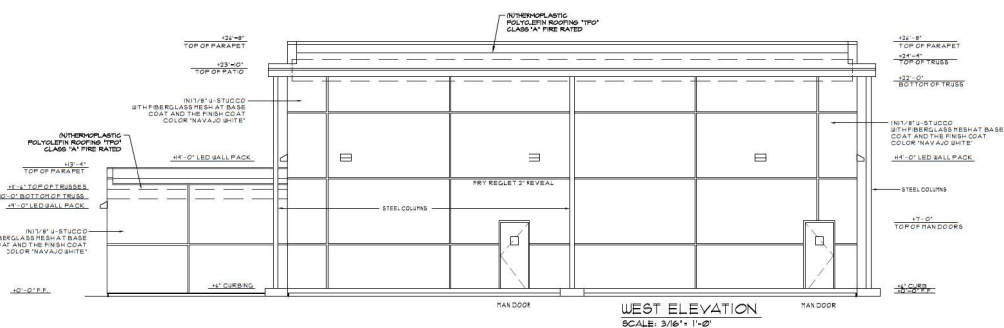
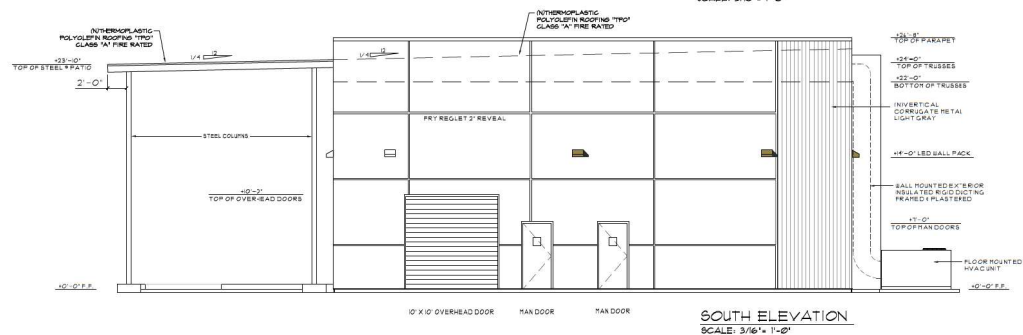
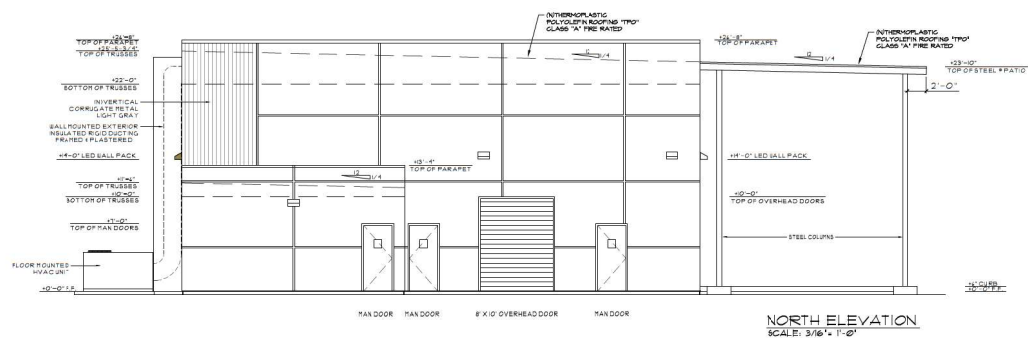
GoodWay
Design and Drafting
42-280 BEACON HILL, SUITE D-10
PALM DESERT, CA 92261
Ramon Gutierrez (760) 465-7003 / ramongutierrez@gmail.com
Adolfo Gutierrez (760) 896-5210 / adflogutierrez@gmail.com

NO.	DATE	REVISIONS

PROJECT: AN INDUSTRIAL BUILDING FOR:
ARMTEC DEFENSE TECHNOLOGIES
55001 AVENUE 55
CONCHELLA, CA 92036

TITLE
**ROOF PLAN
RESEARCH &
DEVELOPMENT**

DATE APR. 2020 DRN. BY R.G. SCALE AS NOTED APPROVED		SHEET NO. A7 OF
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Wall sconce

PWS

Rugged construction
Die-cast aluminum housing
Light engine is rated IP66 and
luminaire is rated IP65

Multiple finish options
Black, white, bronze, dark gray
and medium gray textured
finish options available, see p. 21

- **Lumen output:** Zornit optics: 2,500-10,700 lumens
Precision optics: 6,300-21,800 lumens
- **Efficacy:** Zornit optics: 92-111 LPW
Precision optics: 94-137 LPW
- **Color temperature:** Amber, 2700K, 3000K, 3500K, 4000K, 5000K
- **Optical distributions:** Confort optics: Type 2, 3, 4
Precision optics: Type 2, 3, 4, BLC

Prior to ordering, consult specification sheets on lightingproducts.sigray.com
for the most current information, notes, and warnings.

Weight: Precision optics luminaire, 14 lbs

20

Emergency
Business Services

Battery backup
Optional emergency battery back up meets path-of-egress illumination requirements and is integral to the luminaire.

Precision optics
Multiple lumen outputs
for mounting up to 10
feet away
Backlight control on
the side



available to come up

Optional integrations

- Completely integral to the luminaire with comfort optics
- Does not take away from aesthetics of the luminaire
- Offers energy savings and can enhance sense of security

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Comfort optics
Comfort optics enhance the user experience by providing a low glare lighting solution.

WALL SCONCE LED LIGHTING

NO.	DATE	REVISIONS

PROJECT: AN INDUSTRIAL BUILDING FOR:

**ARMTEC DEFENSE
TECHNOLOGIES**

85901 AVENUE 53
COACHELLA, CA 92236

TITLE

**RESEARCH &
DEVELOPMENT
ELEVATIONS**

DATE APR. 2025 DRN BY R.G. SCALE AS NOTED APPROVED		SHEET NO. A8 OF
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Results Summary

Luminaire Schedule					
Symbol	Qty	Label	Description	LLF	Luminaire Lumens
	11	D2	PWS-C-A03-NW-G2-4-UNV	0.900	6169
	2	D	PWS-C-A01-NW-G2-4-UNV	0.900	2464

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PAVEMENT_Top_1	Illuminance	Fc	1.14	6.6	0.1	11.40	66.00



Wall Mount

PureForm

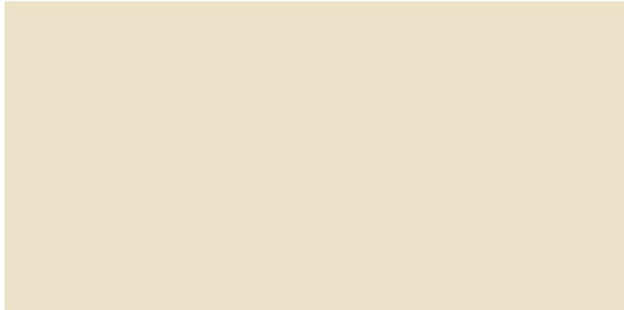
LED wall sconce



				(REV1) OUTDOOR-BLDG 3D ARMTEC				L25048
1	UPDATED/CHANGED LAYOUT	CC	2/19/2025	 1 Van De Graaff Drive Burlington, MA 01803	THIS DRAWING IS THE PROPERTY OF GENLYTE AND CONTAINS PROPRIETARY INFORMATION. THIS DRAWING SHALL NOT BE REPRODUCED, COPIED, OR USED WITHOUT PRIOR EXPRESSED WRITTEN PERMISSION. (C) 2024 GENLYTE HOLDING - All Rights Reserved. DISCLAIMER: Calculations have been performed according to IESNA & CIE standards and good practice. Some differences between measured values and calculated results may occur due to differences in calculation methods, lighting procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the light calculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculations.	By : CC	Date: 2/19/2025	A-11
REV	REVISION DESCRIPTION	BY	DATE			SFID :	Units: Feet	
						Filename: L25048-OUTDOOR-BLDG 3D ARMTEC FILE 2023.1		



EXAMPLE OF TEXTURE OF A
TRADITIONAL SAND FINISH STUCCO



EXTERIOR COLOR BY DUNN EDWARDS
"NAVAJO WHITE"
DEC772



ANGELUS BLOCK INC.
PRECISION "COACHELLA VALLEY TAN"
6X8X16 SCREEN WALL FOR
MECHANICAL EQUIPMENT (6FT)



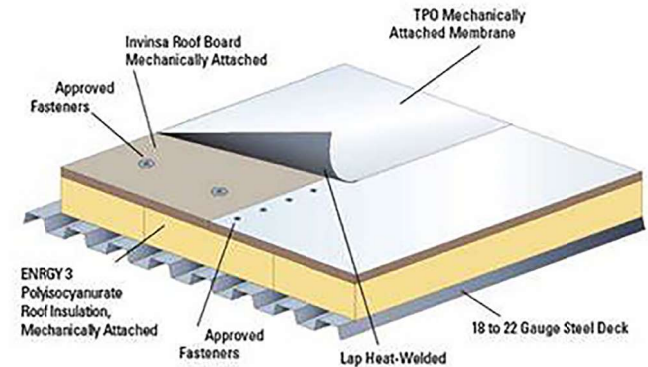
EXTERIOR DOOR COLOR ON "MAN DOOR" ONLY
BEHR "OSHA SAFETY BLUE"
15092 AND OR FEDERAL STD. 595c



EXAMPLE OF THERMOPLASTIC POLYOLEFIN (TPO) ROOF
CLASS "A" FIRE RATED



EXAMPLE OF VERTICAL
LIGHT GREY
CORRUGATED RIBBED
SIDING
BY MBCI "7.2 PANEL"
COLOR-"TUNDRA"



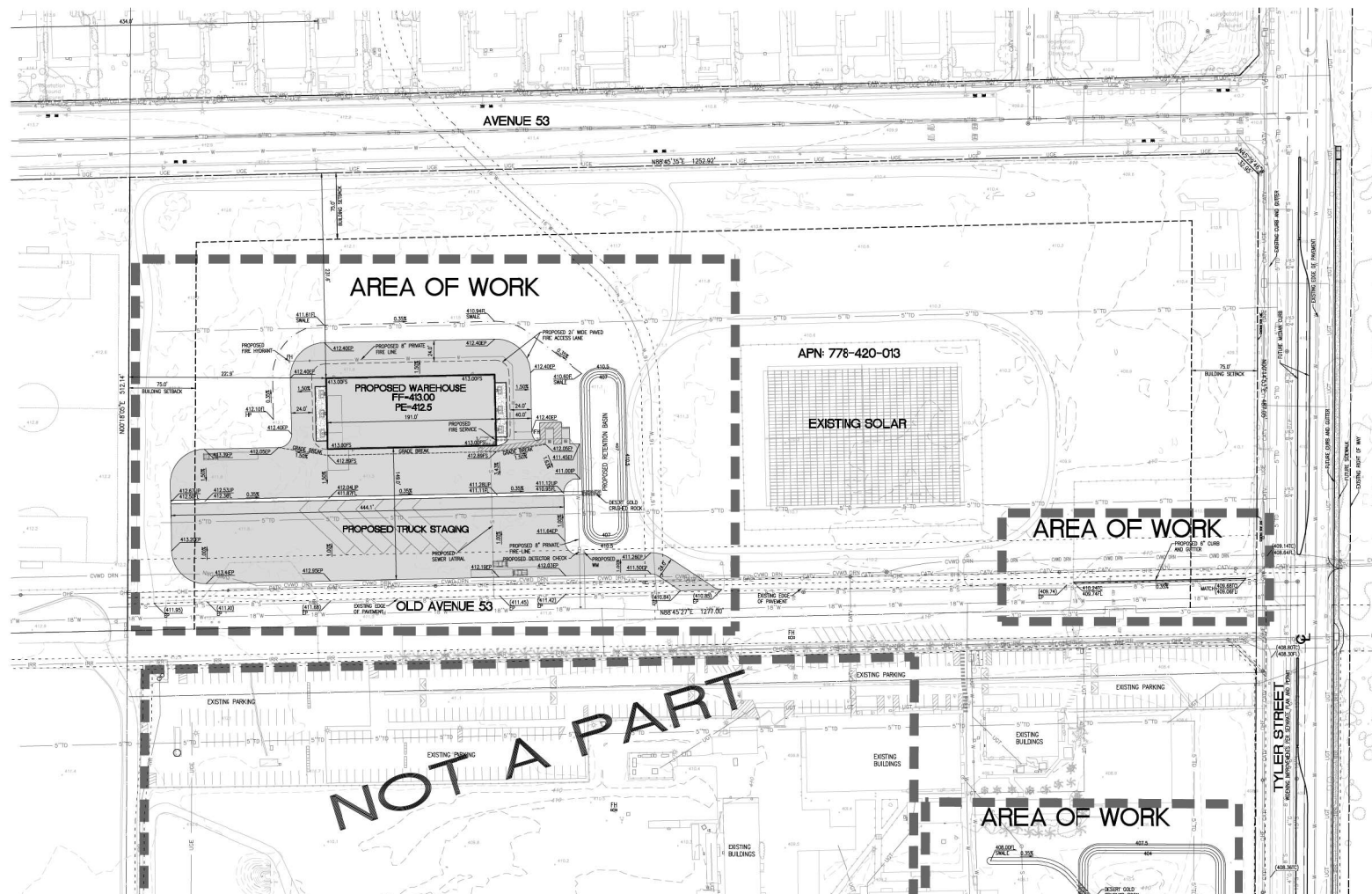
DC
DESERT CONCEPTS
CONSTRUCTION Inc.
79-775 AVE. 40 INDIO, CA. 92201
PHONE: (760)200-9007
FAX: (760)200-9014
EMAIL: mail@desertconcepts.net
LIC. #849837 / DIR #100008619

WENDELL W. VEITH
ARCHITECT
NO. C5297
GoodWay
Design and Drafting
42-280 BEACON HILL, SUITE D-10
PALM DESERT, CA 92211
Ramon Gutierrez (760)485-7003
Adolfo Gutierrez (760)898-8210

ARMTEC DEFENSE
TECHNOLOGIES
85091 AVENUE 53
COACHELLA, CA. 92236

PRELIMINARY SITE PLAN

IN THE CITY OF COACHELLA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



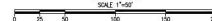
VICINITY MAP
NOT TO SCALE

LEGEND

---	EASEMENT LINE
---	RIGHT OF WAY LINE
---	EXISTING CENTERLINE
---	EXISTING GAS LINE
---	EXISTING WATER LINE
---	EXISTING SINKER LINE
---	EXISTING UNDERGROUND TELEPHONE LINE
---	EXISTING OVERHEAD ELECTRIC LINE
---	PROPOSED WATER LINE
---	PROPOSED SINKER LINE
---	PROPOSED STORM DRAIN LINE



GRAPHIC SCALE
SCALE 1"=100'



APPLICANT

ARMTEC DEFENSE TECHNOLOGIES
85-201 AVENUE 53
COACHELLA, CA 92236
MICHEL BACHMANN@DEFENSE.COM
CONTACT: MICHEL BACHMANN

ENGINEER/PLANNER

THE ALTUM GROUP
JAMES BAZAL, PE
DANIEL JAMES@ALTUMGROUP.COM
STEPHEN T. NETO
FAMU, STEPHEN@ALTUMGROUP.COM
44-400 VILLAGE COURT, SUITE 100
PALM DESERT, CA 92260
TEL: (760) 346-4750
FAX: (760) 345-0599

ARCHITECT

GOSSWAMY CONSULTING, INC.
RAMON GUTIERREZ
42-290 BUCKINGHAM HILL, SUITE D-10
PALM DESERT, CA 92211
TEL: (760) 485-7003

ASSESSOR'S PARCEL NO'S

778-420-013 & 778-590-108

SITE ADDRESS

8501 AVENUE 53
COACHELLA, CA 92236

Apr 21, 2025

PREPARED BY:
The Altum Group
44-400 Village Court, Suite 100
Palm Desert, CA 92260
1.760.346.4750 | 1.760.345.0599
TheAltumGroup.com
ENGINEERING | PLANNING | SURVEY | ENVIRONMENTAL

CITY OF COACHELLA, CALIFORNIA

PRELIMINARY SITE PLAN

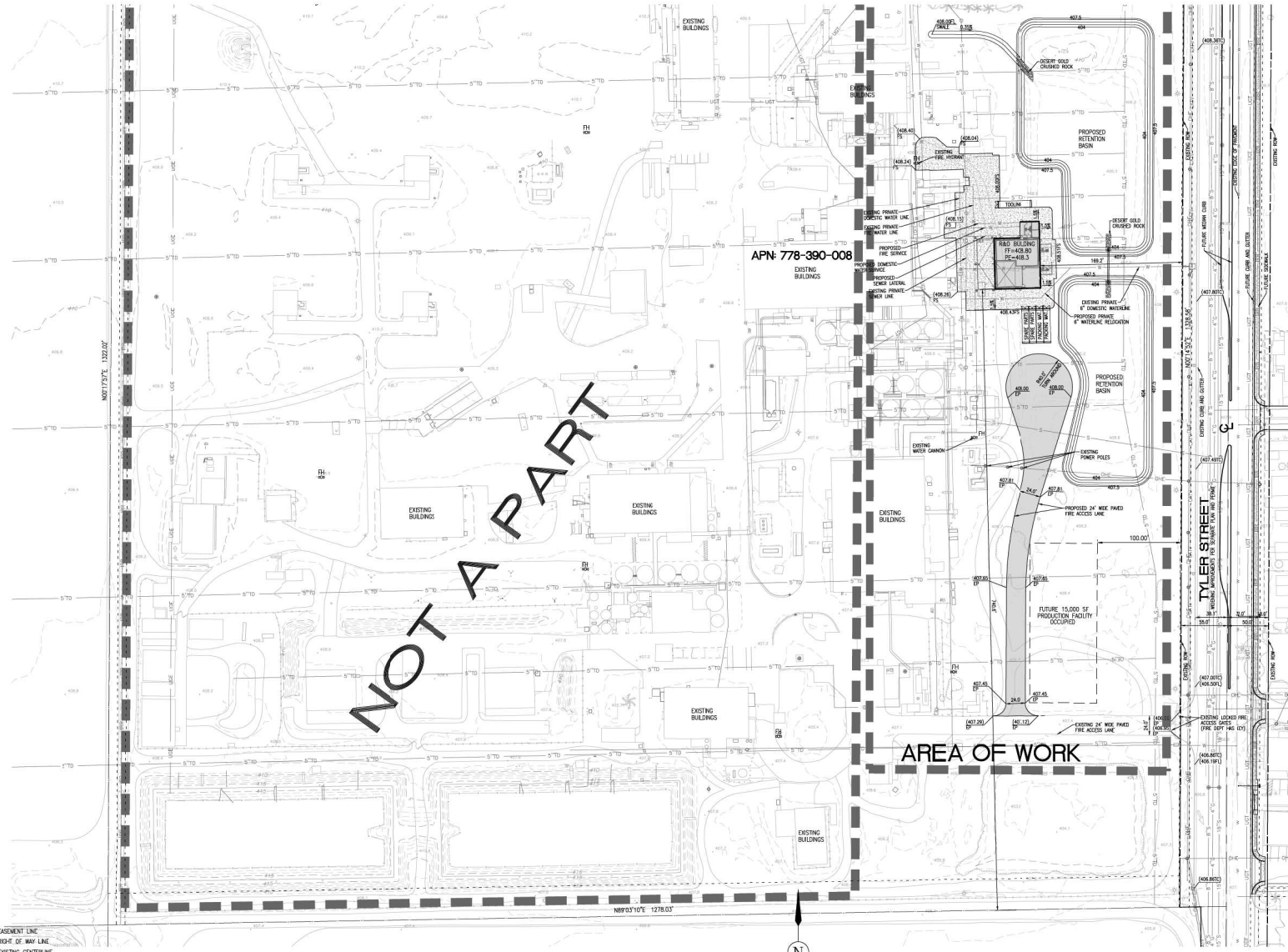
FOR: ARMTEC DEFENSE TECHNOLOGIES

SHEET NO.

SP1

PRELIMINARY SITE PLAN
IN THE CITY OF COACHELLA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

SEE SHEET 1



LEGEND

- EASEMENT LINE
- RIGHT OF WAY LINE
- EXISTING CENTERLINE
- EXISTING GAS LINE
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING UNDERGROUND TELEPHONE LINE
- EXISTING OVERHEAD ELECTRIC LINE
- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- PROPOSED STORM DRAIN LINE

GRAPHIC SCALE
SCALE 1"=50'

PREPARED BY: The Artum Group ENGINEERING PLANNING SURVEY ENVIRONMENTAL	44-000 Village Court, Suite 100 Palm Desert, CA 92260 1.760.346.6750 1.760.340.0089 TheArtumGroup.com	CITY OF COACHELLA, CALIFORNIA PRELIMINARY SITE PLAN FOR: ARMTec DEFENSE TECHNOLOGIES	SHEET NO. SP2
---	--	--	-------------------------

Apr 21, 2025



HERMANN DESIGN GROUP
77-899 WOLF RD.
SUITE 102
PALM DESERT, CA
92211

LN# 2754 EXP. 04/30/26
PH (760) 777-9131
FM (760) 777-9132

OWNER:
ARMTEC
85901 AVENUE 53
COACHELLA, CA 92236

PROJECT:
ARMTEC BUILDING
ON SITE LANDSCAPE IMPROVEMENTS

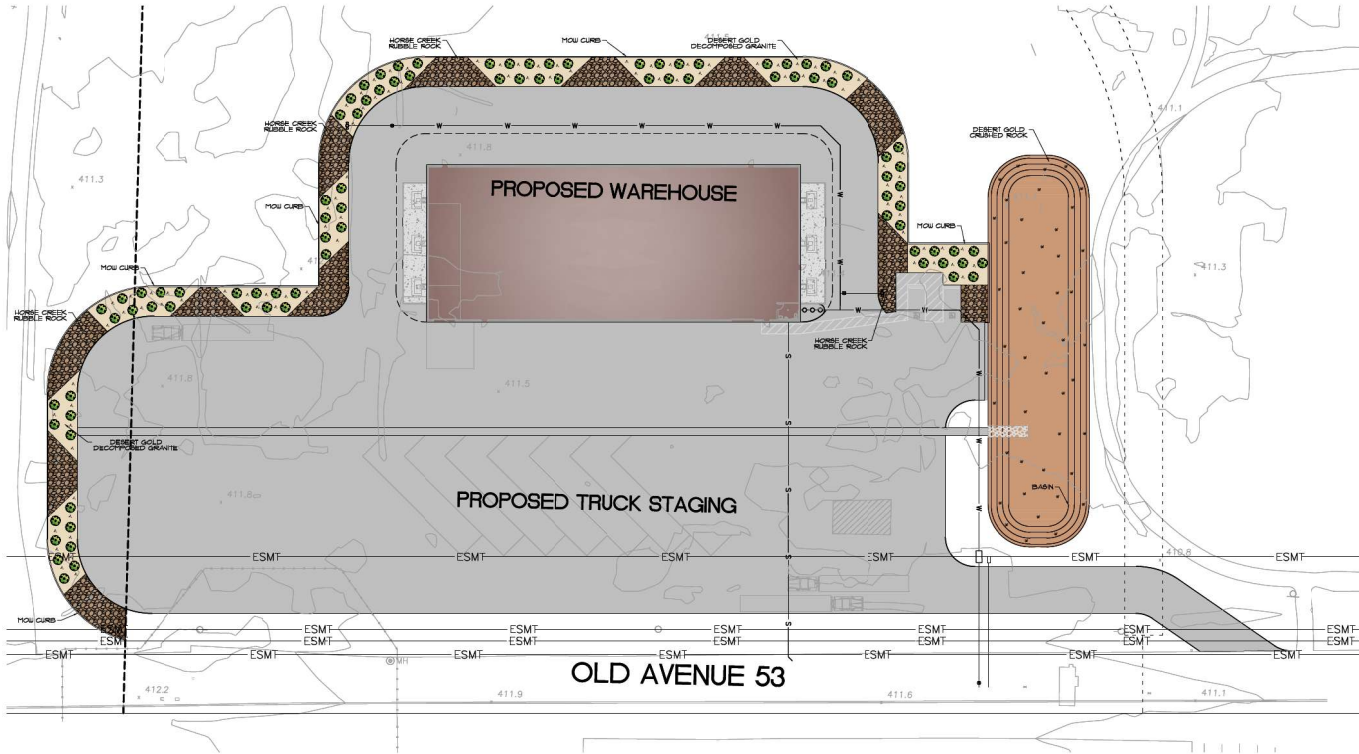
REVISIONS	DATE	BY



SHEET TITLE
**PRELIMINARY
DESIGN**

DESIGNED	OG
DRAWN	JL
CHECKED	-
DATE	5/1/25
SCALE	1"=30'
JOB NO.	-

SHEET
L1.0
OF 1 SHEETS



PLANT LIST

SYMBOL	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	WATER USE
--------	------	----------------	-------------	------	-----------

GROUNDCOVERS & VINES

91		DESMONILLA BLANDRA	'NANSEN GOLD'	5 GAL.	0.2 LOW
----	--	--------------------	---------------	--------	---------

PAVING STONE & GRAVEL MATERIALS

7210 S.F.	3/8" MANS IN 20% FINE DESERT GOLD STABILIZED DECOMPOSED GRANITE LAY 3" THICK, NETTED ROLLED CONSTRUCTION CONTRACTOR TO INSTALL WEED BARRIER UNDER ALL GRAVEL MATERIAL.
1845 S.F.	3/4" DIA. DESERT GOLD CRUSHED ROCK LAY 2" THICK CONTRACTOR TO INSTALL WEED BARRIER UNDER ALL GRAVEL MATERIAL.
8405 S.F.	1/4" DIA. HORSE CREEK RUBBLE PROVIDE COMPLETE COVERAGE IN DESIGNATED AREAS. CONTRACTOR TO INSTALL WEED BARRIER UNDER ALL GRAVEL MATERIAL.

NO PERMANENT STRUCTURES OR TREES WITHIN CVD AND/OR BASEMENTS. CVD WILL NOT BE RESPONSIBLE FOR DAMAGE OR REPLACEMENT OF ANY SURFACE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO DECORATIVE CONCRETE, LANDSCAPING, CURB, UTILITY, SIDEWALKS, PLANTINGS, GATES, AND RELATED IMPROVEMENTS INSTALLED WITHIN THE CVD AND/OR USER.

THESE PLANS HAVE BEEN REVIEWED BY THE COACHELLA VALLEY WATER DISTRICT IN ACCORDANCE WITH CALIFORNIA GOVERNMENT CODE SECTION 49099 ET SEQ. REGARDING EFFICIENT LANDSCAPE AND IRRIGATION DESIGN IN COOPERATION WITH THE LOCAL GOVERNING AGENCY (CITY AND COUNTY).

APPROVAL OF THIS DRAWING BY CVD STAFF DOES NOT CONSTITUTE APPROVAL TO DISCHARGE INTO DISTRICT AND USER RIGHT OF WAY. TREES, PLANTS, BILLS AND PERMANENT STRUCTURE OF ANY KIND MAY NOT BE PLANTED OR INSTALLED IN CVD AND USER LANDSCAPES OR RIGHT-OF-WAY WITHOUT FIRST OBTAINING AN ENCROACHMENT PERMIT FROM CVD.

DATE: WATER MANAGEMENT DEPARTMENT

CVD PLAN NO.: DEVELOPMENT SERVICES DEPARTMENT



0' 30' 60' 90'
SCALE: 1"=30'