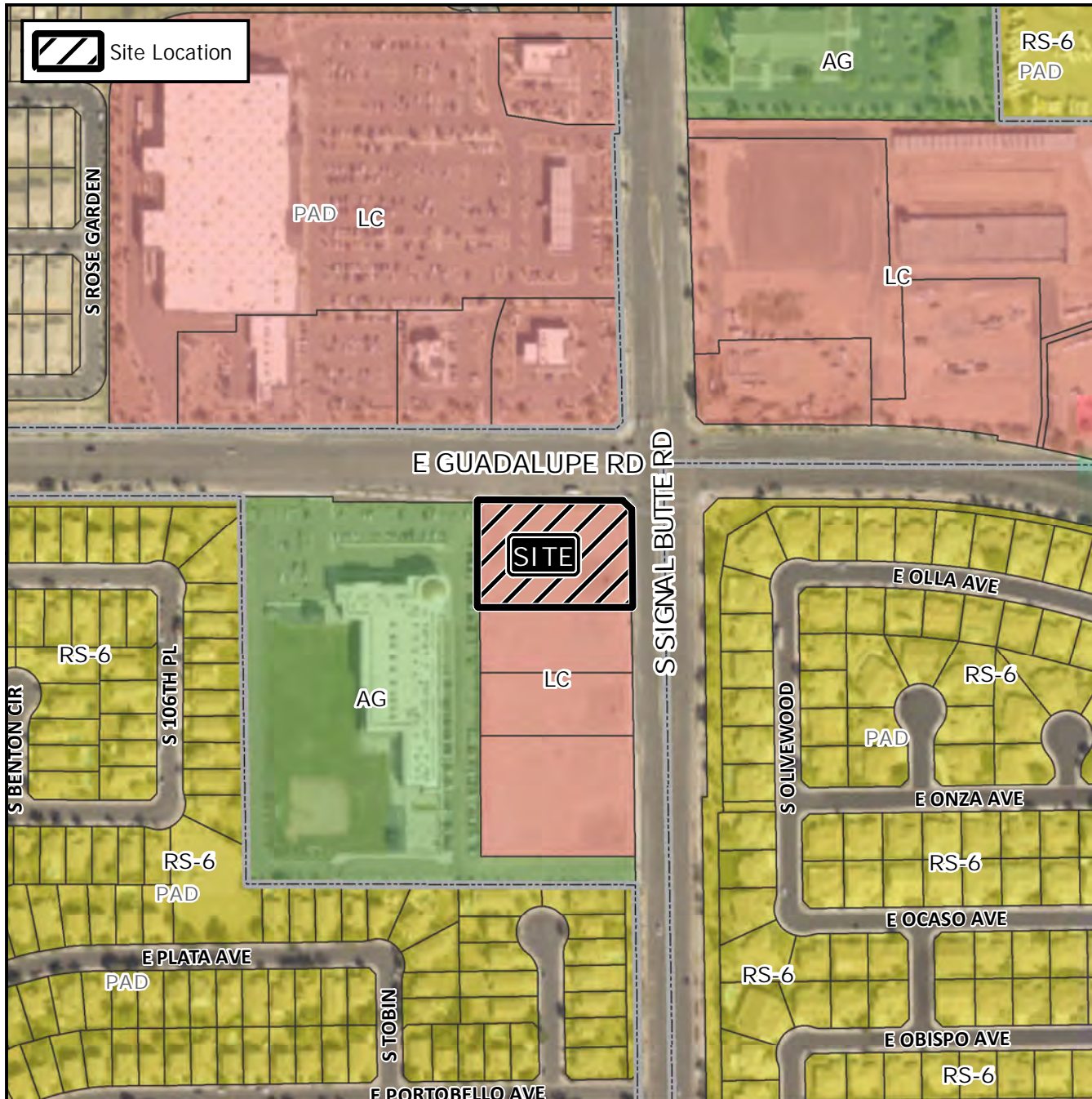


Design Review Vicinity Map: DRB20-00236

Case Details



Case:

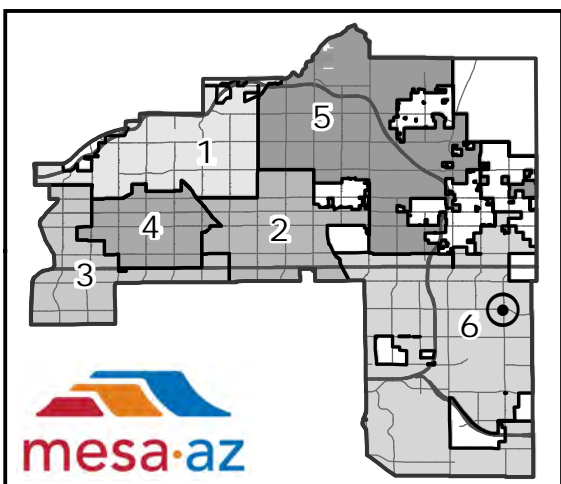
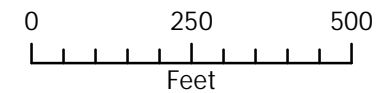
DRB20-00236

Site / Address:

District 6. Within the 2800 block of South Signal Butte Road (west side) and within the 10700 block of East Guadalupe Road (south side). Located on the southwest corner of Signal Butte Road and Guadalupe Rd (1.3± acres)

Request:

Requesting the review of a new drive-thru restaurant.



April 14, 2020

To: City of Mesa Planning Department
Mesa, Arizona

RE: Project Narrative – Salad and Go
2814 S. Signal Butte Road
Mesa, Arizona 85212

Proposed site is located at near SWC of Signal Butte Road and Guadalupe Road in Mesa, Arizona. We are submitting this project narrative along with an application for site plan modification and a design review for the above-referenced project. The subject site is approximately 23,340 SF (0.53 acres) in size and the Maricopa County Assessor Parcel Number for this Property is #304-01-022D (East part). The zoning of this site is LC (Limited Commercial) and is currently vacant.

The site was recently rezoned from Agricultural to Limited Commercial (case no. ZON17-00384) and site plan modification was approved for group commercial development (ZON18-00929). This property is located within the Neighborhood Suburban character type designation and proposed use and project complies with the existing General Plan Designation. During the rezoning process a site plan was approved with an 8,500sf shops building with a drive thru. Cross access was provided through connecting drive aisles south and west.

The goal of this project is to develop the site for a restaurant with drive thru PAD. The proposed use is and approved use in LC zoning. We are proposing construction of a single-story buildings with total building area approximately 689 S.F. with drive-thru lane and window.

North of this parcel is Guadalupe Road, west and south of this parcel is vacant land with LC zoning and east is Signal Butte Road.

We believe the proposed use is consistent with the plans and goals of the city and we look forward to working with the City of Mesa.

Regards,



Neil Feaser, AIA, NCARB
RKAA Architects, Inc.



Arizona Office
2233 East Thomas Road
Phoenix, AZ 85016
Office: (602) 955-3900
rkaa.com

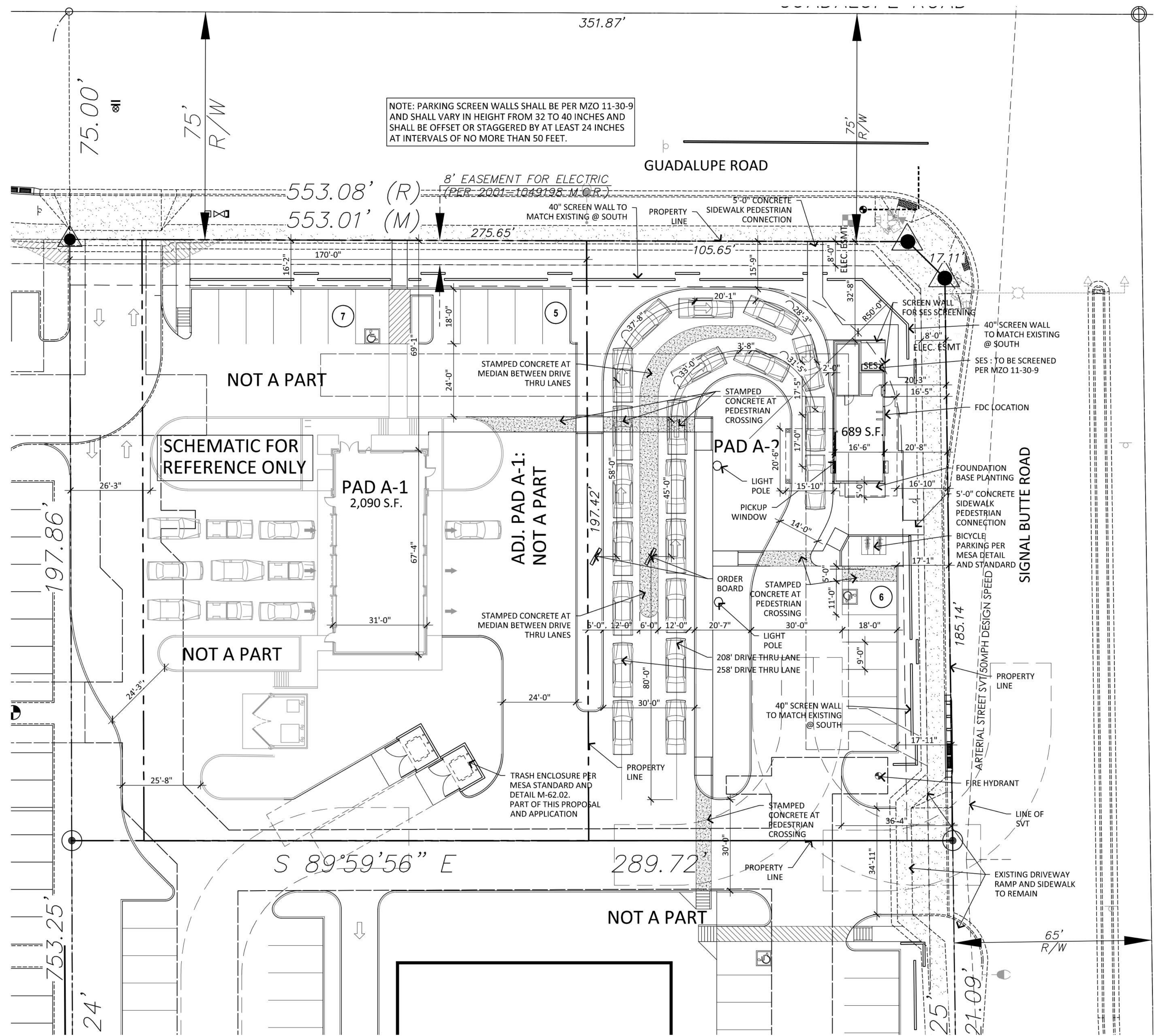
California Office
1151 Dove Street
Suite #175
Newport Beach, CA 92660
Office: (949) 954-8785

Licensed in:

Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Florida
Georgia
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maryland
Michigan
Minnesota
Mississippi
Missouri
Montana
Nebraska
Nevada
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
South Carolina
South Dakota
Tennessee
Texas
Utah
Virginia
Washington
West Virginia
Wisconsin
Wyoming

Principals:

Robert W. Kubicek, AIA
Kathleen D. Rieger, VP
Steve A. Nosal, VP
Neil A. Feaser, AIA, VP



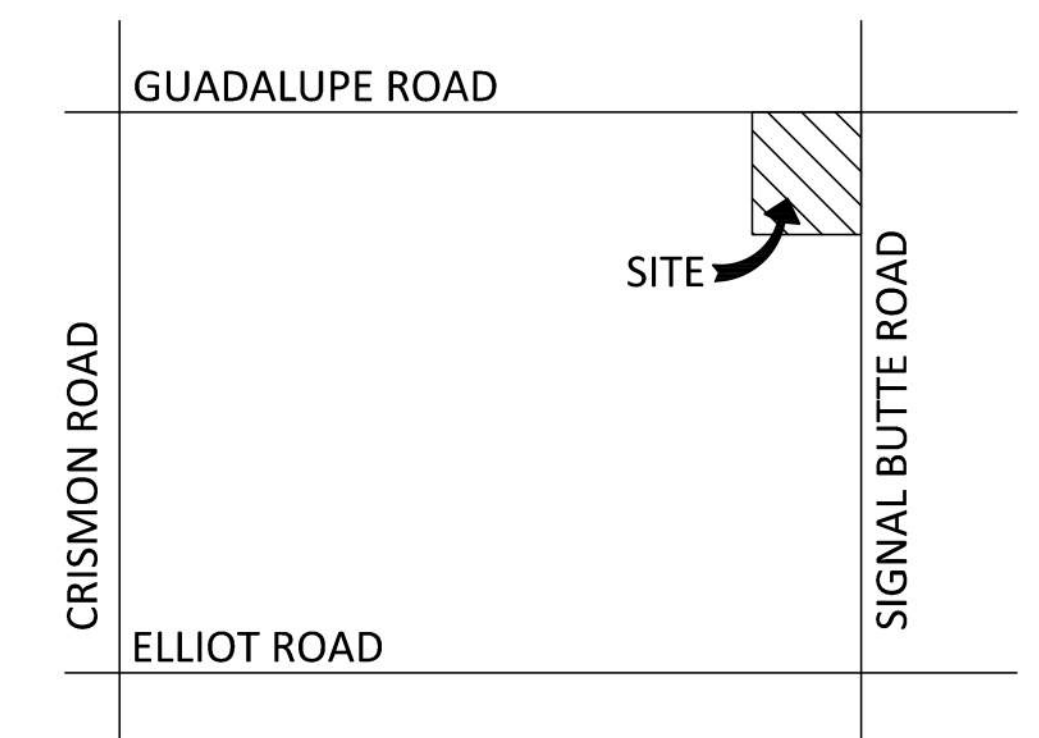
NOTE: PARKING SCREEN WALLS SHALL BE PER MZO 11-30-9 AND SHALL VARY IN HEIGHT FROM 32 TO 40 INCHES AND SHALL BE OFFSET OR STAGGERED BY AT LEAST 24 INCHES AT INTERVALS OF NO MORE THAN 50 FEET.

8' EASEMENT FOR ELECTRIC (PER 2001-104938 M.C.R.)

SITE DATA

PARCEL:	304-01-022D
CURRENT ZONING:	LC (LIMITED COMMERCIAL)
SITE AREA: PAD-A (TOTAL)	56,940 S.F. (1.30 AC.)
SITE AREA: PROPOSED PAD A2	23,340 S.F. (0.53 AC.)
PROPOSED USE:	RETAIL - RESTAURANT WITH DRIVE THROUGH
PROPOSED BUILDING HT:	20'-2" MAX
CONSTRUCTION TYPE:	V-B
BUILDING AREA: PROPOSED PAD A-2:	
STORAGE	148 S.F.
RESTROOM	68 S.F.
PREP AND OTHER	473 S.F.
TOTAL PROPOSED BUILDING AREA:	689 S.F.
COVERAGE (NET SITE AREA):	2.93%
PARKING REQUIRED :	
RESTAURANT - 1 PER 100 = 473 / 100	05 SPACES
PARKING PROVIDED:	06 SPACES
ACCESSIBLE PARKING REQUIRED:	01 SPACES
ACCESSIBLE PARKING PROVIDED:	01 SPACES
BICYCLE PARKING REQUIRED:	03 SPACES
BICYCLE PARKING PROVIDED:	04 SPACES

NOTE: ALL LOTS (LOT 1, 2, 3 & 4) TO HAVE CROSS PARKING AND CROSS ACCESS AGREEMENT.

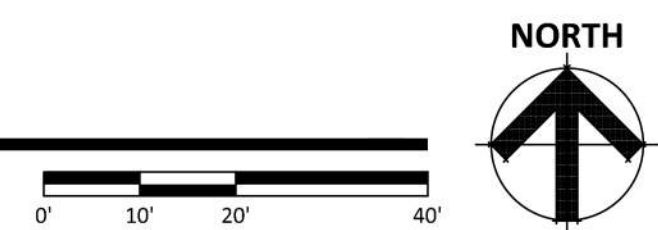


VICINITY MAP

SCALE:

PROPOSED SITE PLAN - PAD A

SCALE: 1" = 20'-0"



THIS SITE PLAN HAS BEEN PREPARED WITHOUT THE AID OF A SURVEY. ALL PROPERTY BOUNDARIES ARE ROUGH APPROXIMATIONS. THIS DRAWING IS TO BE USED FOR CONCEPTUAL PURPOSES ONLY AND IT IS NOT TO BE THE BASIS FOR ANY LEGALLY BINDING DOCUMENTATION.

IRKAA
ARCHITECTS
2233 EAST THOMAS ROAD, PHOENIX, ARIZONA 85016
602-955-3900

REGISTERED ARCHITECT
No 9452
ROBERT W. KUBICEK
06/23/20
ARIZONA, U.S.A.

1 / 2018 application for
PRELIMINARY SITE PLAN

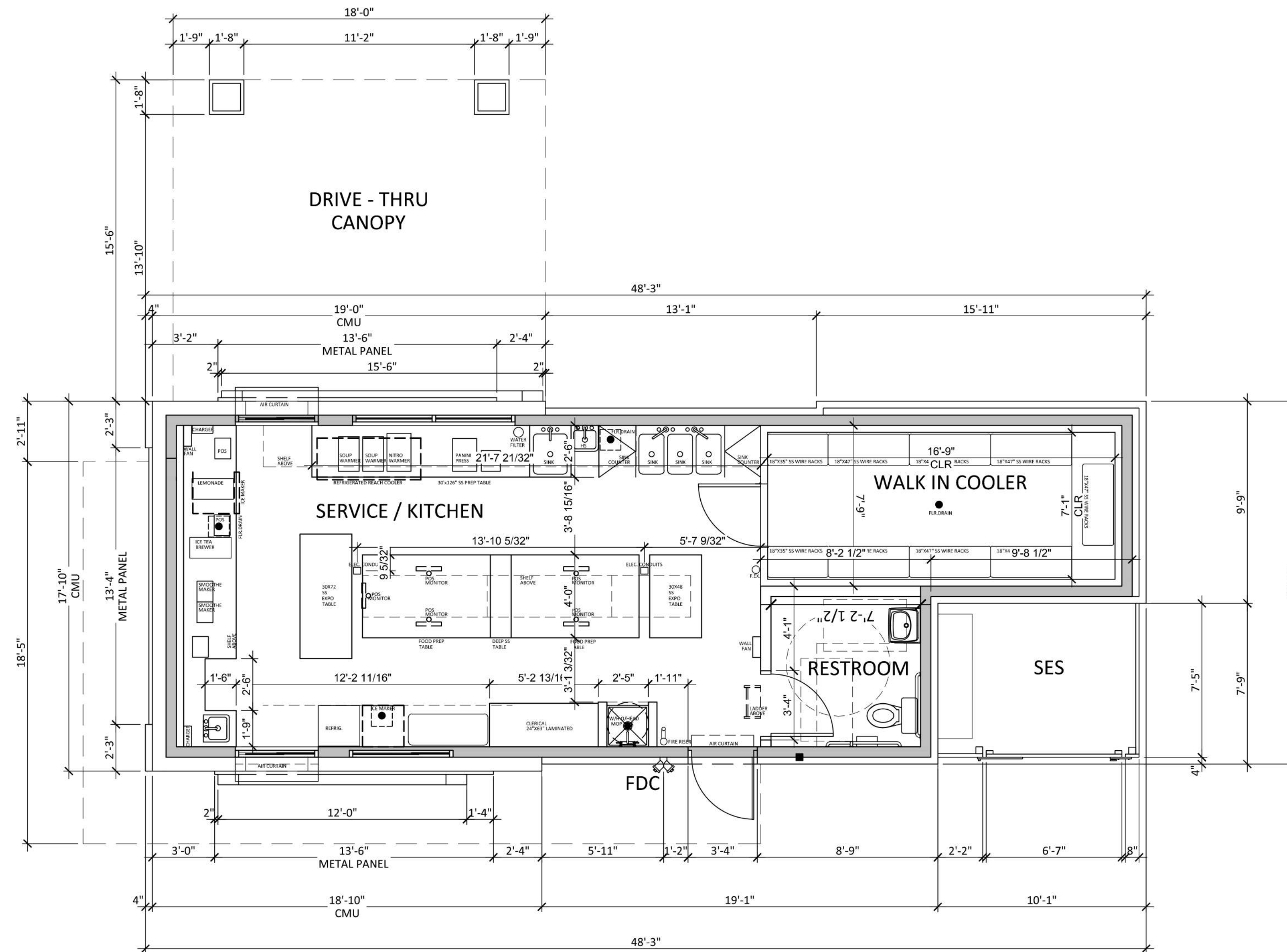
NOTICE OF ALTERNATE BILLING OR PAYMENT CYCLE: THE SUBMISSION OF BILLING OR ESTIMATES IN BILLING CYCLES OTHER THAN THIRTY DAYS. THIS CONTRACT MAY ALLOW OWNER TO MAKE PAYMENTS ON SOME ALTERNATIVE SCHEDULE AFTER CERTIFICATION AND APPROVAL OF BILLING AND ESTIMATES. A WRITTEN DESCRIPTION OF SUCH OTHER BILLING CYCLE APPLICABLE TO THE PROJECT IS AVAILABLE FROM OWNER OR DESIGNATED AGENT.

SALAD AND GO
2814 S SIGNAL BUTTE ROAD
MESA, ARIZONA 85212

design by: --
drawn by: --
checked by: --

SP-1
project: 19245
DATE: 06-16-2020

PRS19-00958
DRB20-00236
ZON20-00237



FLOOR PLAN - PAD A-2

SCALE: 1/4" = 1'-0"

NORTH



SALAD AND GO
 2814 S. SIGNAL BUTTE ROAD
 MESA ARIZONA 85212
 DATE: 06-23-2020(PRELIMINARY)

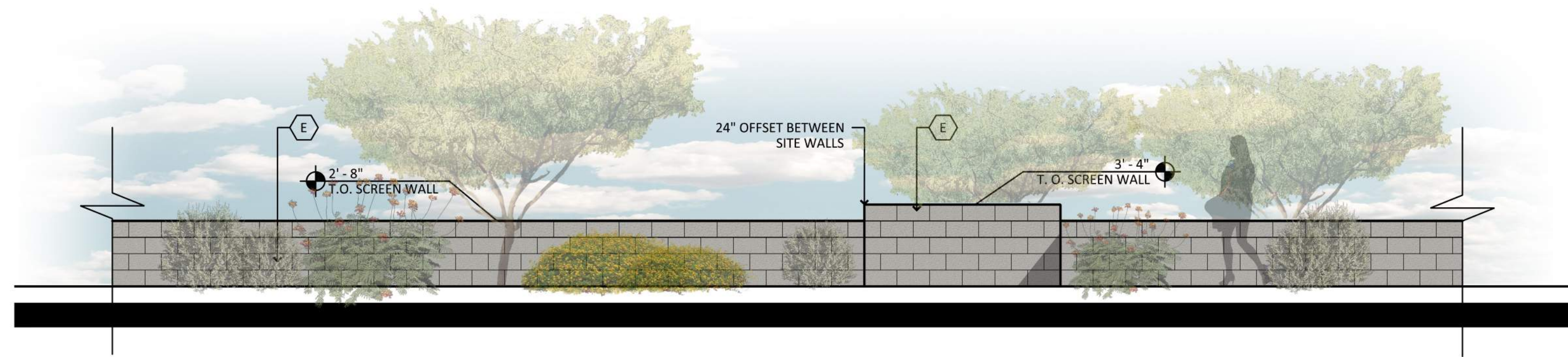


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FP-1
PAD A-2

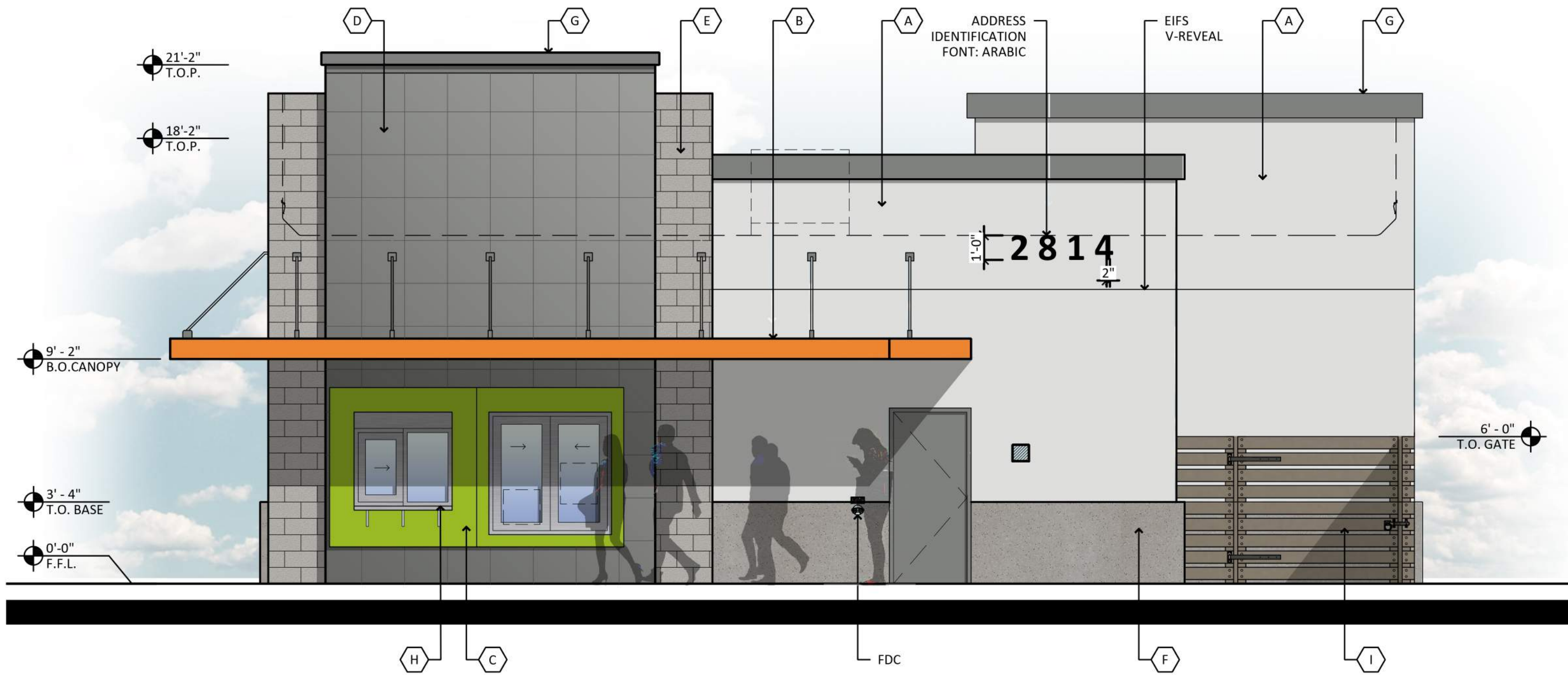
RKAA# 19245.00





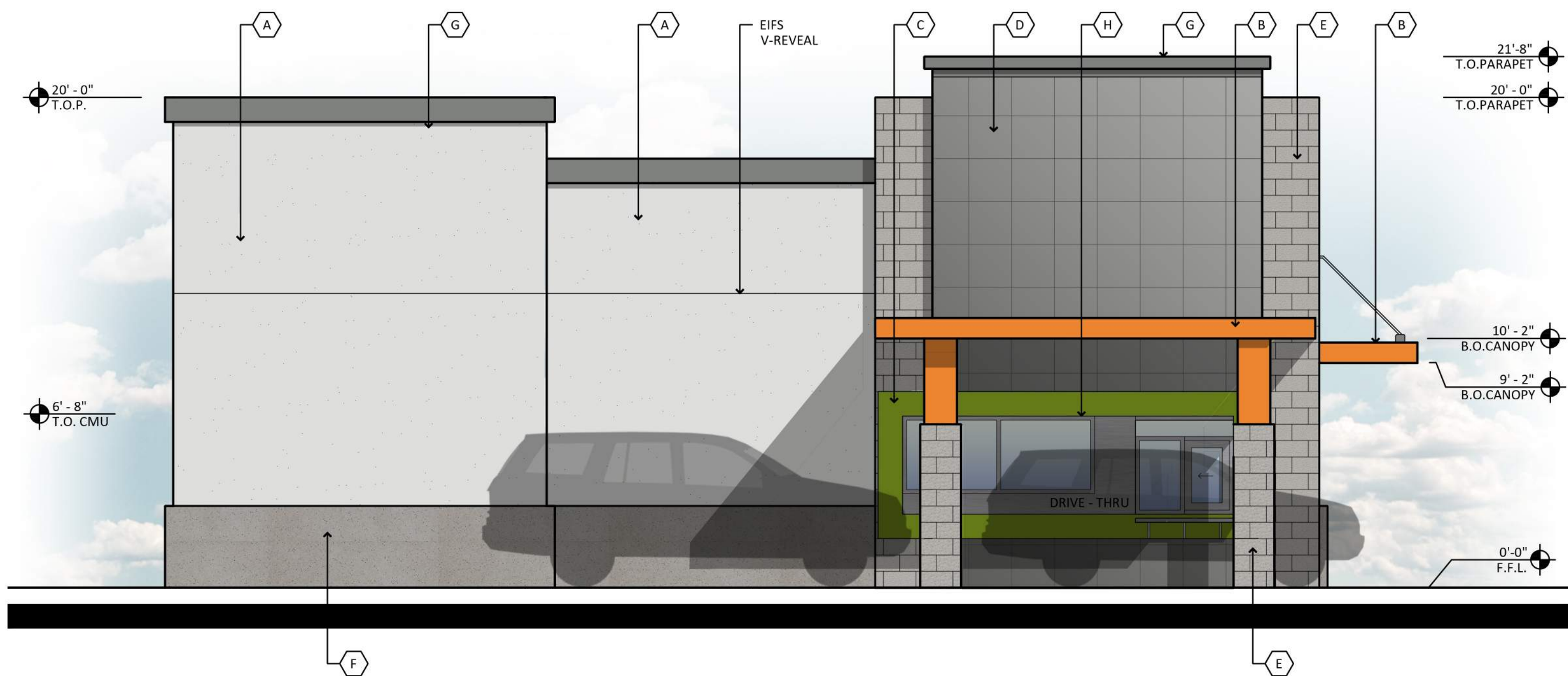
SITE WALL ELEVATION

SCALE: 1/4" = 1'-0"



EAST ELEVATION

SCALE: 1/4" = 1'-0"



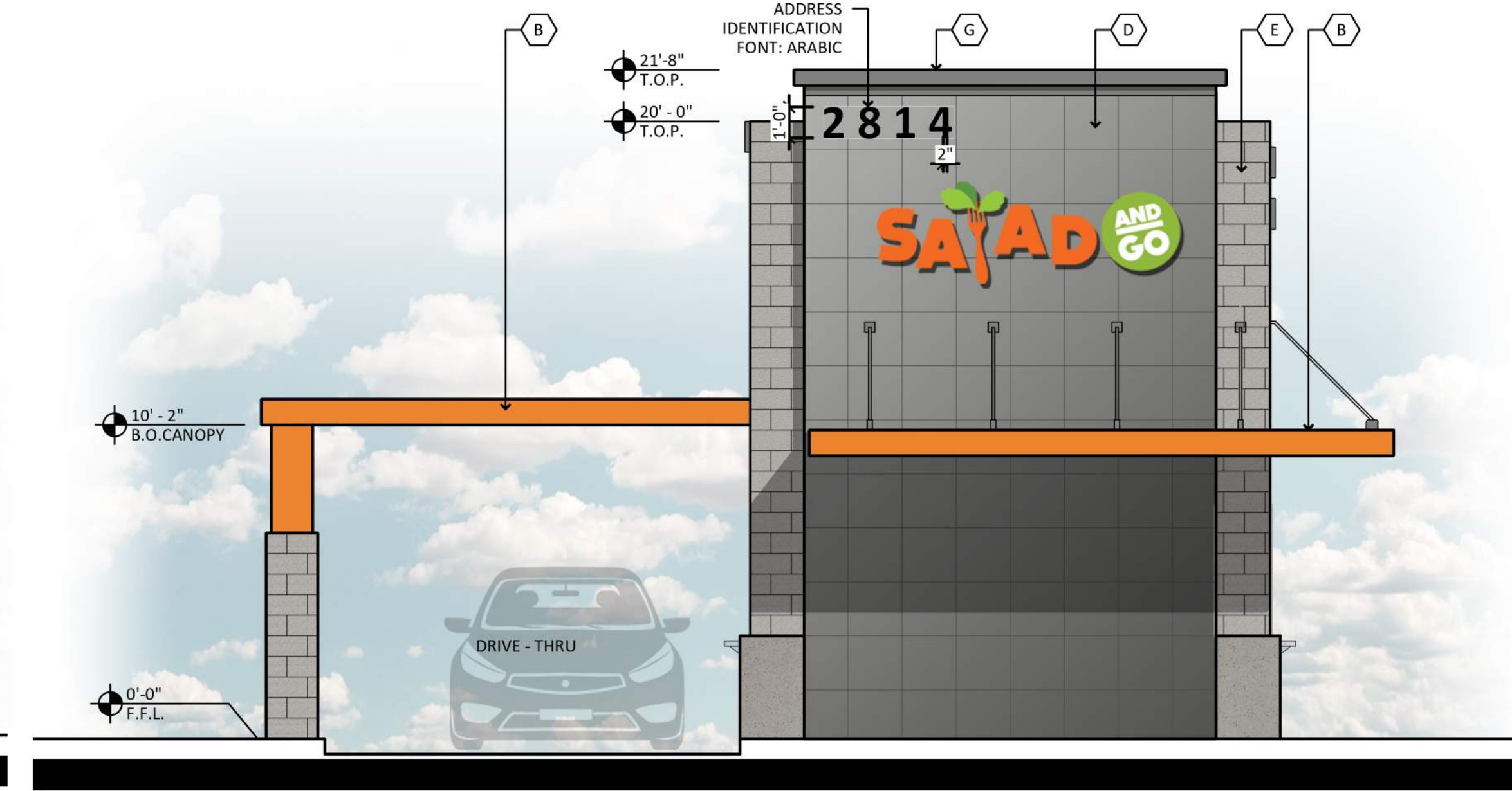
WEST ELEVATION

SCALE: 1/4" = 1'-0"

MATERIALS & COLORS

<p>A STUCCO: MFG: SHERWIN WILLIAMS COLOR: NEBULOUS WHITE SPEC #: SW 7004 256-C2 LRV: 74</p>	<p>B METAL PANEL (COLOR TO MATCH): MFG: SHERWIN WILLIAMS COLOR: NAVEL SPEC #: SW 6887 116-C5 LRV: 35</p>	<p>C METAL PANEL (COLOR TO MATCH): MFG: SHERWIN WILLIAMS COLOR: ELECTRIC LIME SPEC #: SW 6921 146-C3 LRV: 42</p>	<p>D METAL PANEL: MFG: MBCI SPEC: CF ARCHITECTURAL PANEL COLOR: SLATE GRAY</p>	<p>E 8 X 8 X 16 CMU: MFG: SUPERLITE COLOR: GREY STONE FINISH: SMOOTH</p>	<p>F PRE-CAST CONCRETE: MFG: CORESLAB COLOR: DAVIS COLORS LIGHT GRAY (15%) (CARBON) *8084 FORM LINER (SMOOTH) AGGREGATE: SAND</p>	<p>G METAL CORNICE: COLOR: CITYSCAPE SPEC #: SW 7067 LRV: 22</p>	<p>H ALUMINUM STOREFRONT: MFG: KAWNEER FINISH: CLEAR ANODIZED</p>	<p>I SCREEN WALL: MFG: TREX COLOR: WINCHESTER GREY</p>
--	---	---	---	---	--	---	--	---

* SIGNAGE TO BE APPROVED UNDER SEPARATE PERMIT



SOUTH ELEVATION

SCALE: 1/4" = 1'-0"



NORTH ELEVATION

SCALE: 1/4" = 1'-0"

TOTAL FACADE MATERIALS CALCULATIONS:

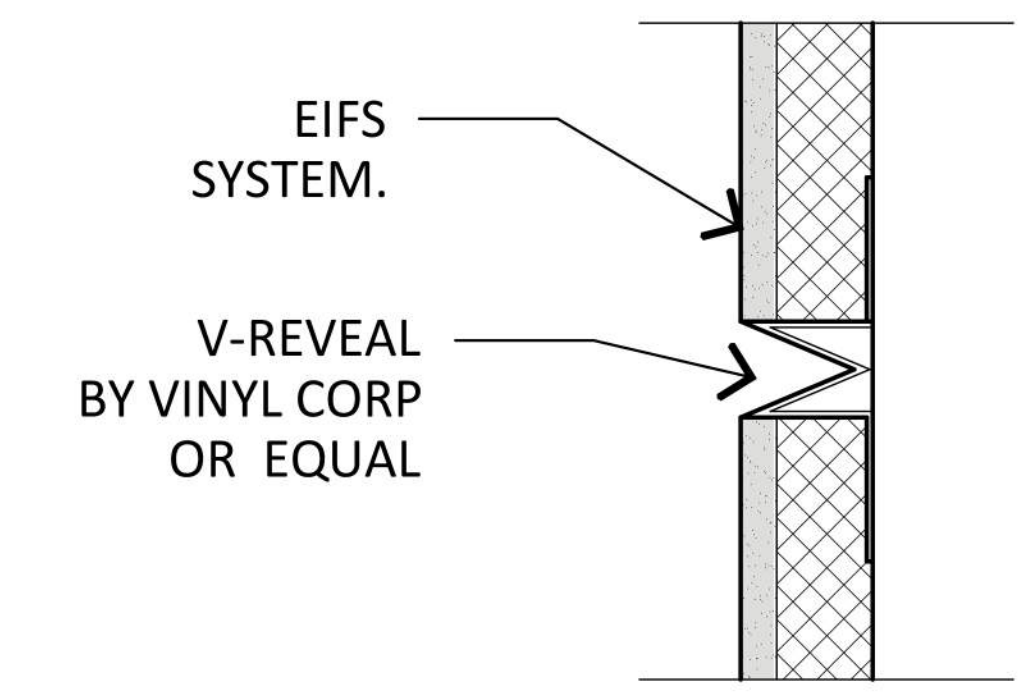
MATERIALS USED	TOTAL AREA	(%)
A. STUCCO - NEBULOUS WHITE	867 S.F.	33.4 %
B. NAVEL ORANGE - ACCENT COLOR	98 S.F.	3.8 %
C. ELECTRIC LIME - ACCENT COLOR	93 S.F.	3.6 %
D. METAL PANEL - SLATE GREY	683 S.F.	26.3 %
E. SMOOTH CMU - GREY STONE	265 S.F.	10.2 %
F. PRECAST CONCRETE - GRAY	372 S.F.	14.3 %
G. METAL CORNICE - CITYSCAPE	120 S.F.	4.6 %

EAST FACADE MATERIALS CALCULATIONS:

MATERIALS USED	TOTAL AREA	(%)
A. STUCCO - NEBULOUS WHITE	310 S.F.	34.1 %
B. NAVEL ORANGE - ACCENT COLOR	20 S.F.	2.2 %
C. ELECTRIC LIME - ACCENT COLOR	37 S.F.	4.1 %
D. METAL PANEL - SLATE GREY	202 S.F.	22.2 %
E. SMOOTH CMU - GREY STONE	94 S.F.	10.3 %
F. PRECAST CONCRETE - GRAY	92 S.F.	10.1 %
G. METAL CORNICE - CITYSCAPE	40 S.F.	4.4 %

WEST FACADE MATERIALS CALCULATIONS:

MATERIALS USED	TOTAL AREA	(%)
A. STUCCO - NEBULOUS WHITE	345 S.F.	37.7 %
B. NAVEL ORANGE - ACCENT COLOR	16 S.F.	1.8 %
C. ELECTRIC LIME - ACCENT COLOR	36 S.F.	3.9 %
D. METAL PANEL - SLATE GREY	203 S.F.	22.2 %
E. SMOOTH CMU - GREY STONE	94 S.F.	10.3 %
F. PRECAST CONCRETE - GRAY	154 S.F.	16.8 %
G. METAL CORNICE - CITYSCAPE	41 S.F.	4.5 %



WALL SECTION AT EIFS REVEAL

SCALE: 3/4" = 1'-0"



SALAD AND GO
2814 S. SIGNAL BUTTE ROAD
MESA ARIZONA 85212
DATE: 06-30-2020 (REVISED)

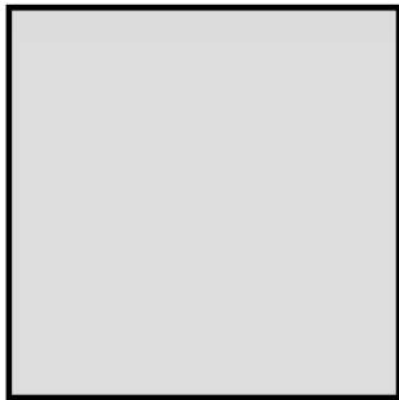


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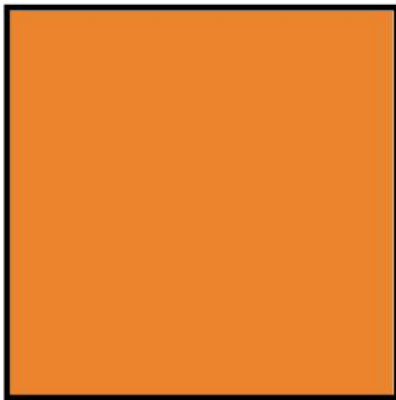
EL-1
PAD A-2

RKAA# 19245.00





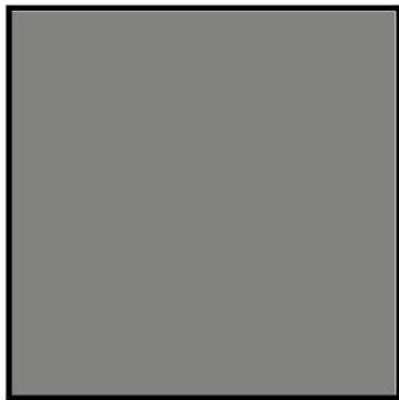
A PAINT:
MFG: SHERWIN WILLIAMS
COLOR: NEBULOUS WHITE
SPEC #: SW 7004 256-C2
LRV: 74



B PAINT:
MFG: SHERWIN WILLIAMS
COLOR: NAVEL
SPEC #: SW 6887 116-C5
LRV: 35



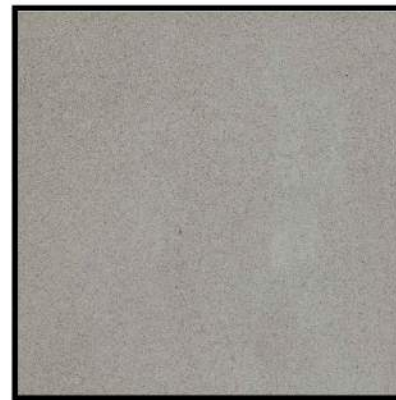
C PAINT:
MFG: SHERWIN WILLIAMS
COLOR: ELECTRIC LIME
SPEC #: SW 6921 146-C3
LRV: 42



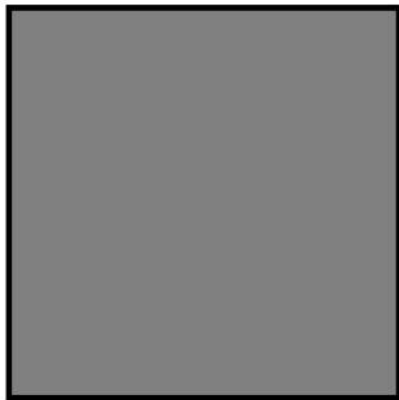
D METAL PANEL:
MFG: MBCI
SPEC: CF ARCHITECTURAL
PANEL
COLOR: SLATE GRAY



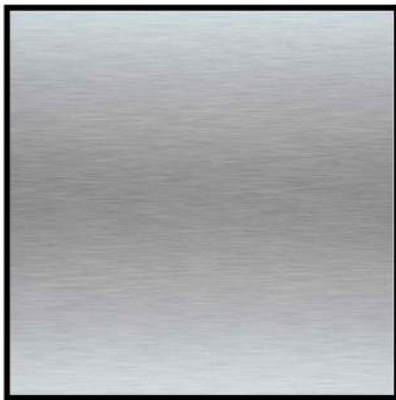
E 8X8X16 CMU:
MFG: SUPERLITE
COLOR: GRAY STONE
FINISH: SMOOTH



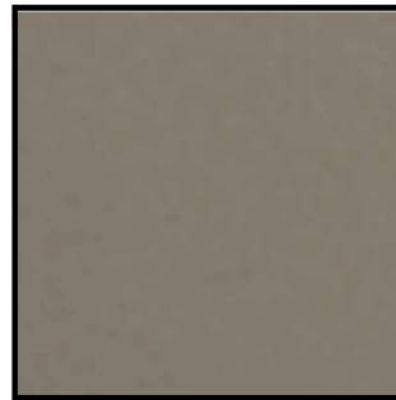
F PRE-CAST CONCRETE:
MFG: CORESLAB
COLOR: DAVIS COLORS
LIGHT GRAY (15%)
(CARBON) *8084
FINISH: FORM LINER (SMOOTH)
AGGREGATE: SAND



G METAL CORNICE:
COLOR: CITYSCAPE
SPEC #: SW7067
LRV: 22



H ALUMINUM STOREFRONT:
MFG: KAWNEER
FINISH: CLEAR ANODIZED



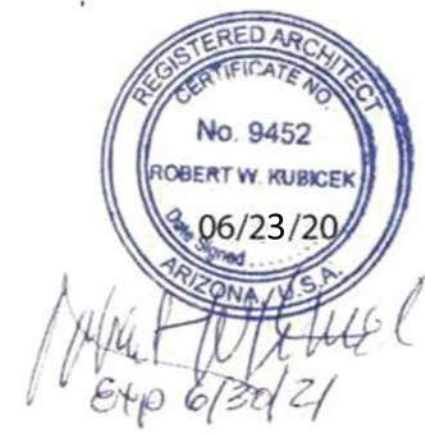
I SCREEN WALL:
MFG: TREX
COLOR: WINCHESTER GREY

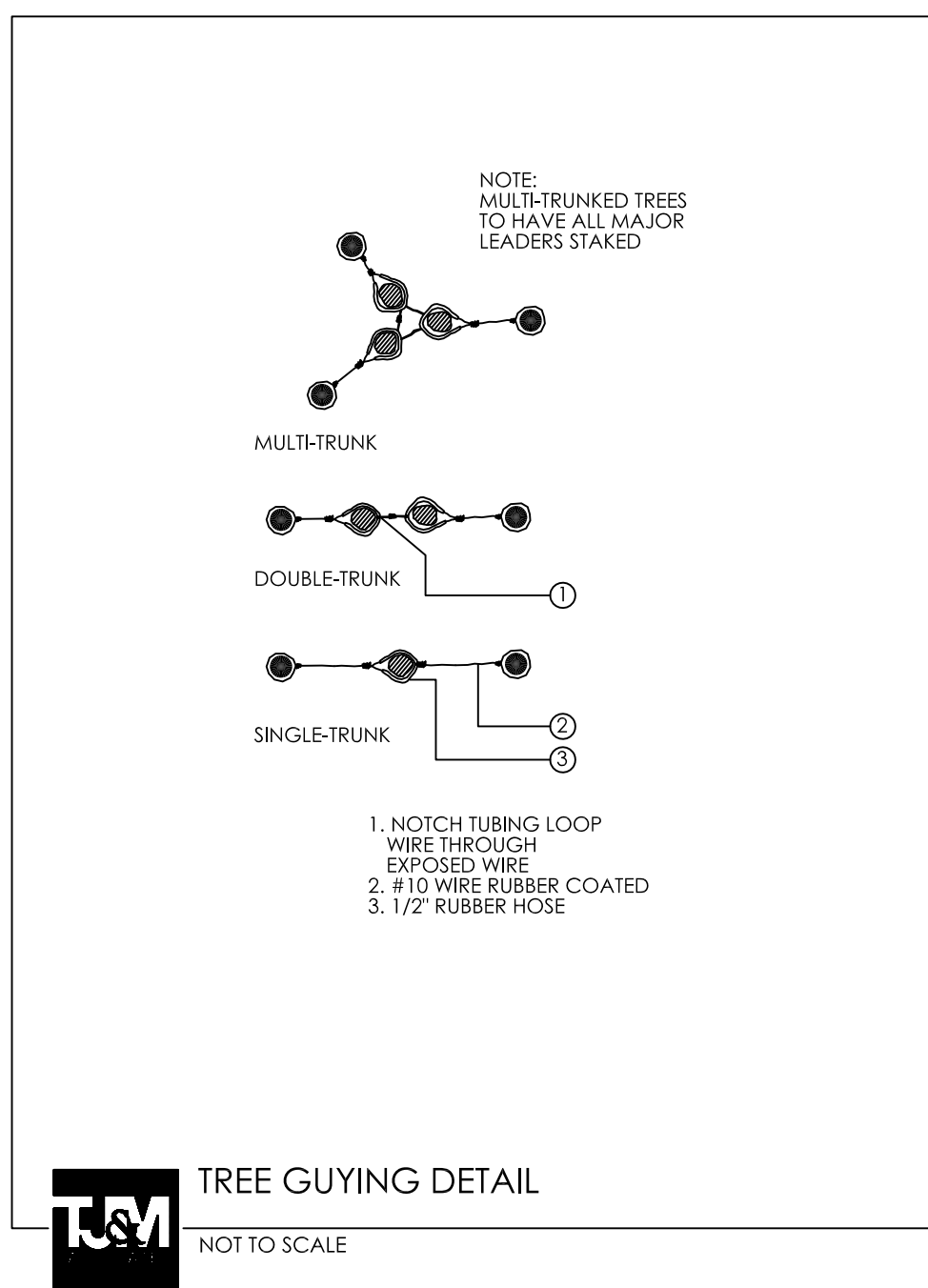
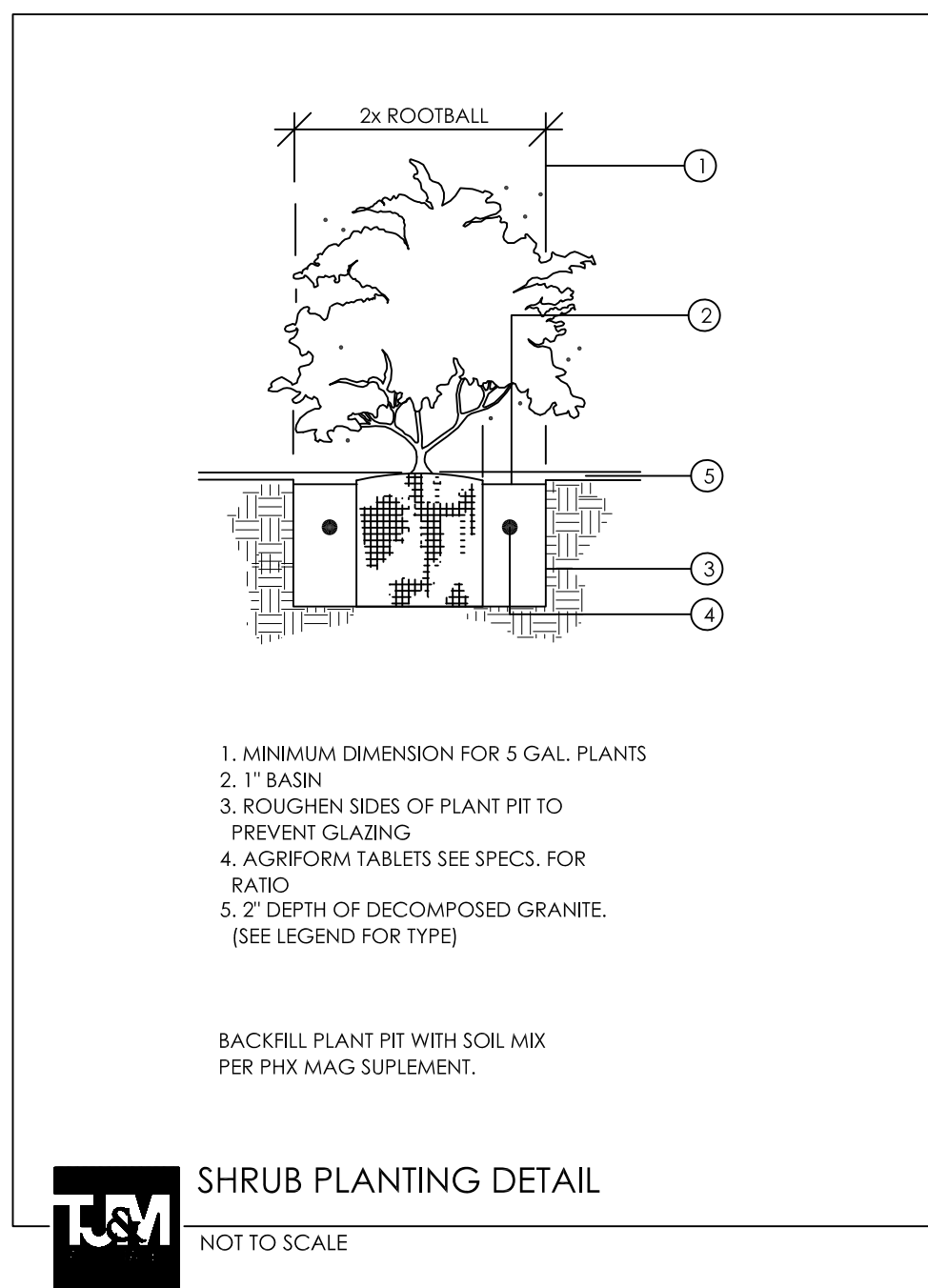
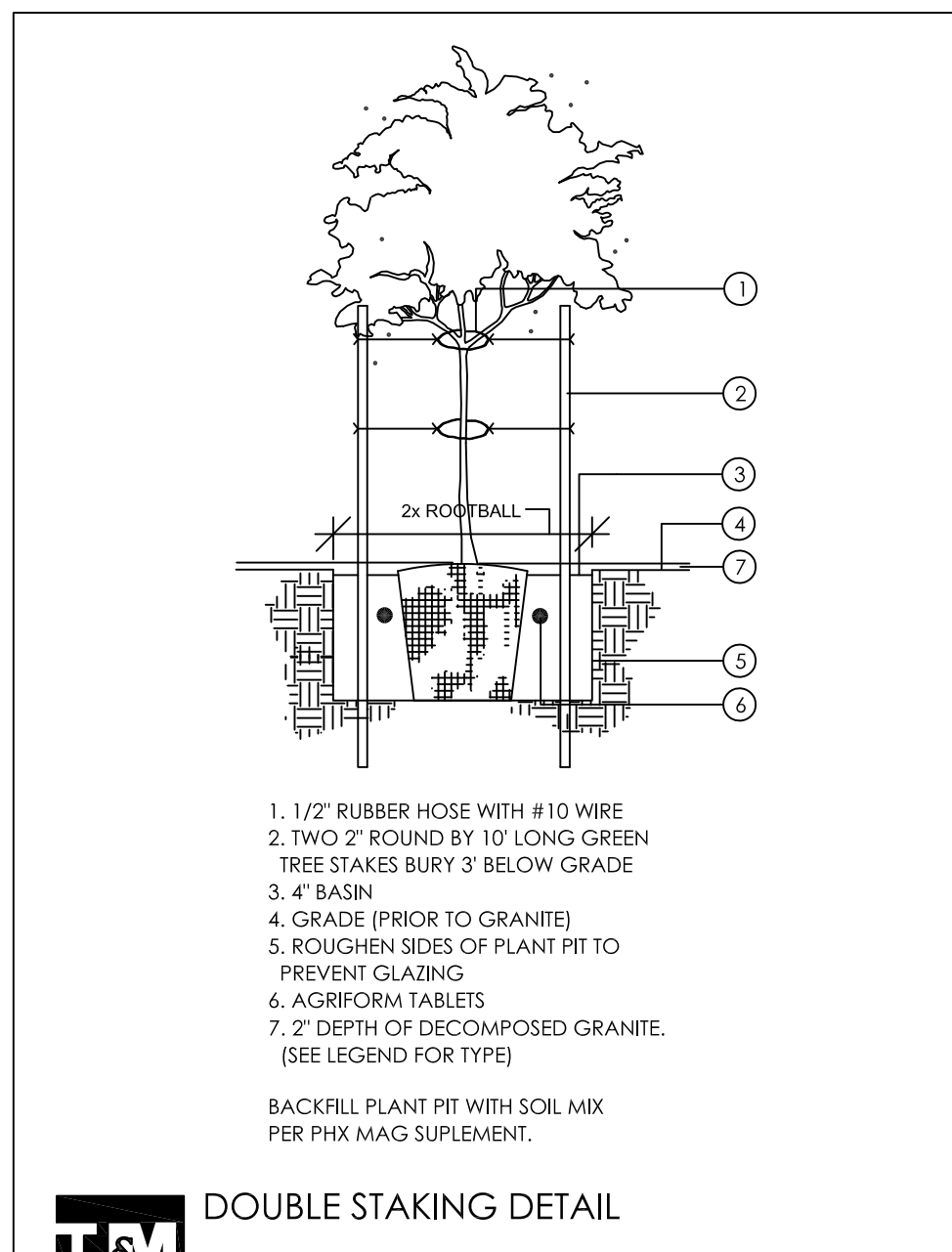
SALAD AND GO
2814 S. SIGNAL BUTTE ROAD
MESA, ARIZONA 85212
DATE: 06-23-2020 (PRELIMINARY)

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MB-1

RKAA# 19245.00





CITY OF MESA LANDSCAPE NOTES

- ALL LANDSCAPE AREAS TO RECEIVE 2" LAYER DECOMPOSED GRANITE
- ALL LANDSCAPE AREA TO BE WATERED BY UNDERGROUND AUTOMATIC IRRIGATION SYSTEM.
- THE HEIGHTS AND CALIPERS SHALL COMPLY WITH 'ARIZONIA NURSERY ASSOCIATION SPECIFICATIONS' FOR THAT SIZE AND TYPE OF TREE.
- REQUIRED TREES SHALL BE PROVIDED IN EQUAL NUMBERS OF 15 GALLON SIZE AND 24" BOX SIZE OR LARGER.
- REQUIRED SHRUBS SHALL HAVE A MATURE GROWTH HEIGHT OF 18" AT LEAST 50% OF REQUIRE SHRUBS SHALL BE 5 GALLON SIZE.
- PLANT MATERIAL SHALL BE CALCULATED BASED ON A LINEAR MODULE OF 25 FEET. TREES AND SHRUBS MAY BE CLUSTERED.

ARTERIAL STREET:

- (2) TREES AND (6) SHRUBS PER 25' OF STREET FRONTAGE

MAJOR, MIDSECTION COLLECTOR STREET:

- (2) TREES AND (6) SHRUBS PER 25' OF STREET FRONTAGE

COLLECTOR/INDUSTRIAL/COMMERCIAL STREET:

- (1) TREES AND (4) SHRUBS PER 25' OF STREET FRONTAGE

PUBLIC OR PRIVATE LOCAL STREET:

- (1) TREES AND (4) SHRUBS PER 25' OF STREET FRONTAGE

7. PLANT MATERIAL SIZES REQUIRED:

TREES: (TOTAL REQUIRED TREES):

- 25% SHALL BE 36" BOX OR LARGER
- 50% SHALL BE 24" BOX OR LARGER
- NO TREES LESS THAN 15 GALLON

SHRUBS: (TOTAL REQUIRED SHRUBS):

- 50% SHALL BE 5 GALLON OR LARGER.
- NO SHRUBS LESS THAN 1 GALLON

8. 1 TREES AND 3 SHRUBS FOR EVERY 15' PARKING ISLAND PARKING SHALL BE INSTALLED @ EACH END OF ROW OF STALLS AND IN BETWEEN FOR MAXIMUM OF EIGHT CONTIGUOUS PARKING SPACES

9. FOUNDATION LANDSCAPING: LANDSCAPING TO A MINIMUM HEIGHT OF 18" IS REQUIRED IMMEDIATELY ADJACENT TO, OR PROVIDED IN PLANTER AREAS ADJACENT TO BUILDING, WHICH HAVE FRONTAGE ON A PUBLIC STREET. PLANTING AREAS MUST BE A MIN. OF 5' WIDE AND A MIN. OF 50% PLANT COVERAGE.

10. THE BACKFLOW PREVENTION ASSEMBLY SHALL BE TESTED AND APPROVED BY A CERTIFIED TECHNICIAN DESIGNATED IN THE CURRENT CITY OF MESA LIST THE APPROVED INSPECTORS PRIOR TO THE REQUEST FOR FINAL INSPECTION".

11. THE REQUIRED BACKFLOW PREVENTION ASSEMBLY SHALL BE MANUFACTURER AND MODEL NUMBER DESIGNATED IN THE CURRENT CITY OF MESA LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES".

12. ALL WORK WILL BE DONE UNDER SEPARATE PERMIT FOR SIGNS".

13. ALL LANDSCAPING INSTALLED WITH THIS PROJECT TO BE MAINTAINED BY OWNERS ASSOC. OR OWNERS ASSOCIATION OF COMMERCIAL SUBDIVISION OR MANAGEMENT COMPANY IF COMMERCIAL RENTALS

14. THAT ALL TREES AND SHRUBS LOCATED IN LINE-OF-SIGHT WILL BE MAINTAINED TO A CLEAR AREA BETWEEN OF 3' TO 7'

15. RIP-RAP MUST BE ON NATURAL MATERIALS MATCHING D.G COLORS CONCRETE OR GUNITE MUST BE COLORED TO MATCH D.G. COLOR

16. TREES SHALL BE PLANTED @ LEAST 20' AWAY FROM ANY STREET LIGHT POLE OR LOCATION. SHRUBS SHALL BE PLANTED @ LEAST 7' FEET AWAY FROM ANY STREET LIGHT POLE OR LCC.

17. 10% OF TOTAL TREES IN PARKING SHALL BE 36" BOX OR LARGER.

VISIBILITY TRIANGLE INFO:

VISIBILITY TRIANGLES ARE BASED ON CITY OF MESA PUBLIC STREET ACCESS GUIDELINES DATED FEB. 15, 2005.

STREET SPEED: 45 MPH
STREET CROSS SECTION 4LD
FIGURE 2.3 (50MPH DESIGN SPEED) SD=625'

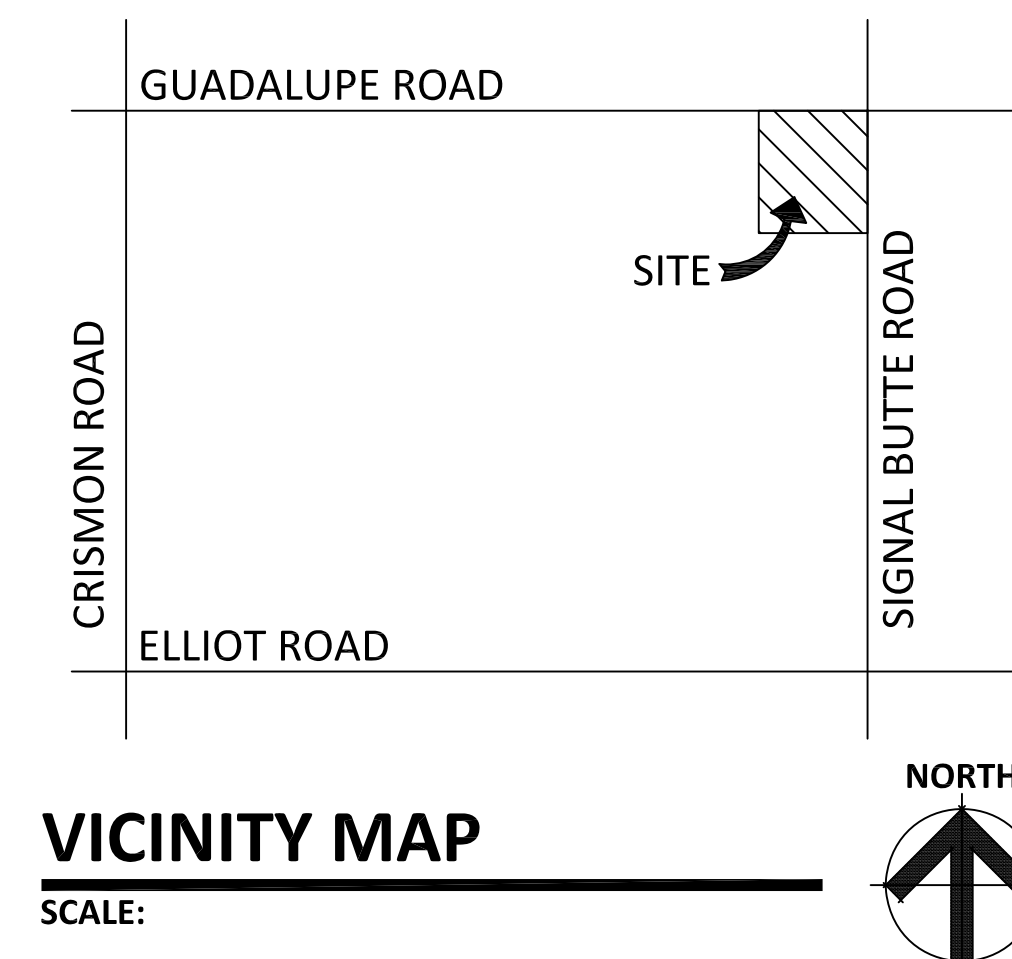
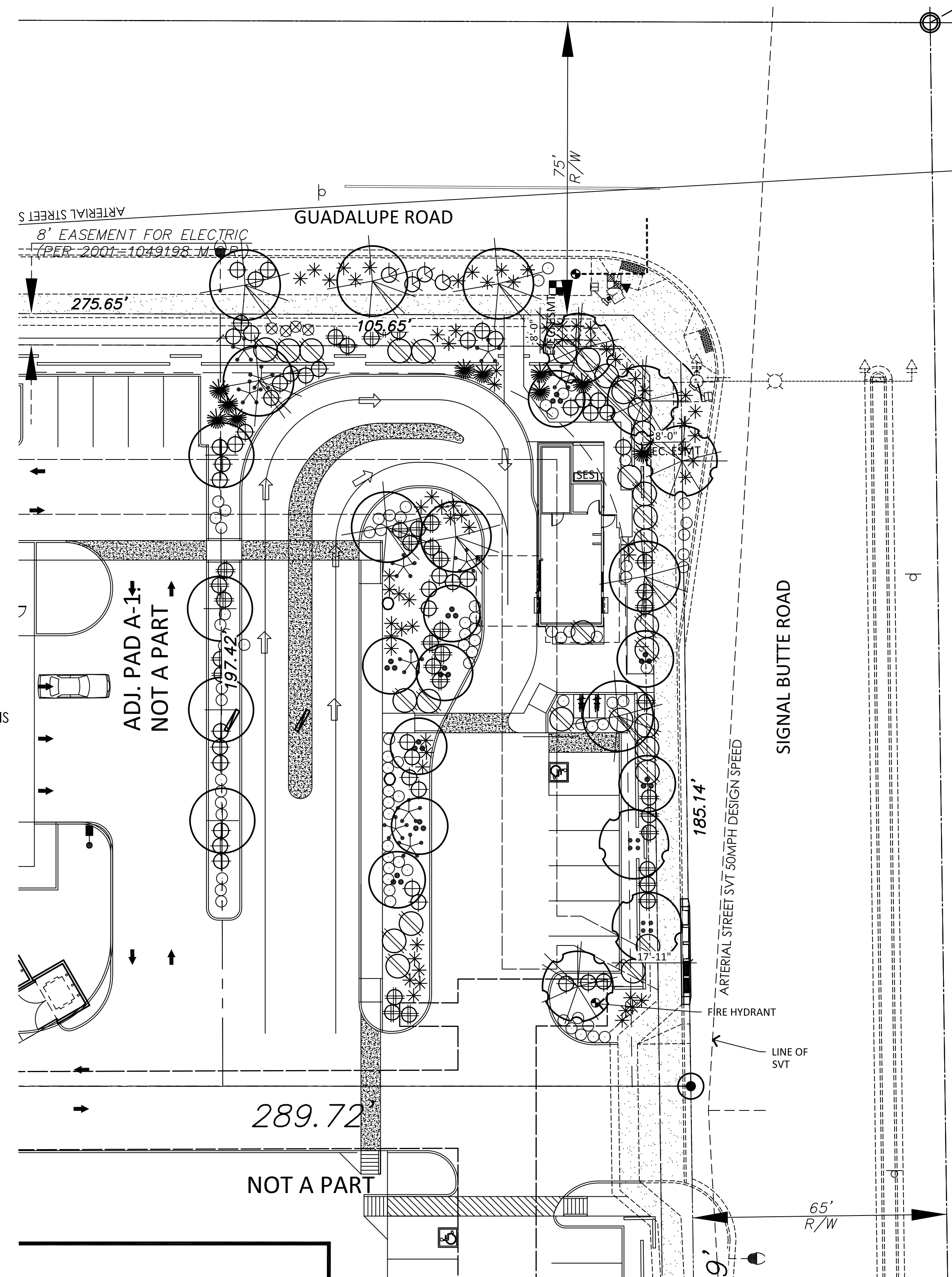
ADDITIONAL NOTES:

THIS LANDSCAPE IS TO BE MAINTAINED ON A WEEKLY BASIS USING A NATURAL MAINTENANCE PROGRAM AND SHALL BE MAINTAINED IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICE OF THE LANDSCAPE INDUSTRY.

ALL TREES AND SHRUBS LOCATED IN THE LIGN OF SIGHT WILL BE MAINTAINED FOR A CLEAR AREA BETWEEN 3' TO 7'. THE LIGN OF SITE IS OUT OF THE SCOPE OF WORK ON THIS PROJECT.

ALL LANDSCAPE AREAS WILL BE MAINTAINED BY THIS OWNER OR LESSEE IN ACCORDANCE WITH THESE APPROVED PLANS

REQUIRED LANDSCAPE AREAS SHALL BE FREE FROM ENCROACHMENT BY ANY USE, STRUCTURE, VEHICLE OR FEATURE NOT PART OF THE LANDSCAPE DESIGN.



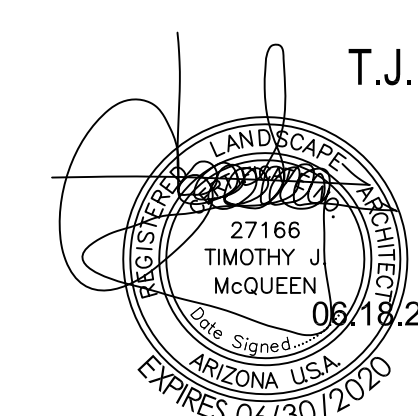
LANDSCAPE LEGEND

- CHILOPSIS LINEARIS
DESERT WILLOW 'ARTS'
36" BOX
- CERCIDIUM PRAECOX
SONORAN PALO VERDE
24" BOX (MATCHING)
- ACACIA SALICINA
WILLOW ACACIA
24" BOX
- CHITALPA TASHKENTENSIS
CHITALPA
24" BOX
- QUERCUS VIRGINIANA CATHEDRAL
LIVE OAK
24" BOX
- RUPELLIA PENINSULARIS
BAJA RUELLIA
5 GALLON
- CAESALPINIA MEXICANA
MEXICAN BIRD OF PARADISE
5 GALLON
- DODONAEA VISCOSA
GREEN HOP BUSH
5 GALLON
- HESPERALOE PARVIFLORA
RED YUCCA
5 GALLON
- CALLIANDRA CALIFORNICA
BAJA FAIRY DUSTER
5 GALLON
- LANTANA X
NEW GOLD tm
5 GALLON
- ALOE 'BLUE ELF'
BLUE ELF ALOE
1 GALLON
- LANTANA X
WHITE LIGHTING tm
1 GALLON
- YUCCA RUPICOLA
TWISTED LEAF YUCCA
5 GALLON
- 3'x3'x3' SURFACE SELECT
GRANITE BOULDER
MIN. 2000lbs EA. BURY 1/3

1/2" SCREENED EXPRESS GOLD
DECOMPOSED GRANITE
2" DEPTH IN ALL LANDSCAPE AREAS

PLANTING DATA TABLE:

SIGNAL BUTTE TREES REQUIRED:	7
GUADALUPE RD. TREES REQUIRED:	4
PARKING LOT TREES REQUIRED:	2
SIGNAL BUTTE SHRUBS REQUIRED:	21
GUADALUPE RD. SHRUBS REQUIRED:	12
PARKING LOT SHRUBS REQUIRED:	6
SIGNAL BUTTE TREES PROVIDED:	7
GUADALUPE RD. TREES PROVIDED:	4
PARKING LOT TREES PROVIDED:	2
SIGNAL BUTTE SHRUBS PROVIDED:	24
GUADALUPE RD. SHRUBS PROVIDED:	27
PARKING LOT SHRUBS PROVIDED:	8
LIVING VEGETATION REQUIRED:	60%
LIVING VEGETATION PROVIDED:	68%



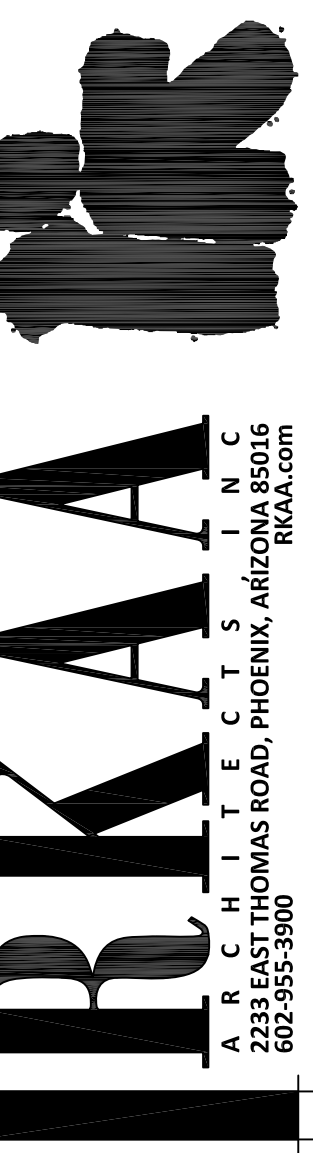
T.J. McQUEEN & ASSOCIATES, INC.
LANDSCAPE ARCHITECTURE
URBAN DESIGN
SITE PLANNING
10450 N. 74th Street, Suite 120
Scottsdale, Arizona 85258
P. (602) 265-0320
EMAIL: timmqueen@tjma.net



SALAD AND GO
2814 S SIGNAL BUTTE ROAD
MESA, ARIZONA 85212

design by: --
drawn by: --
checked by: --
project: 19245

NOTICE OF ALTERNATE BILLING OR PAYMENT CYCLE: THIS CONTRACT MAY ALLOW THE OWNER TO REQUIRE THE SUBMITTER OF BILLING OR ESTIMATE TO BILLING CYCLE OTHER THAN THIRTY (30) DAYS. THIS CONTRACT MAY ALLOW OWNER TO MAKE PAYMENT ON ESTIMATE AT CREATIVE SCHEDULE AFTER CERTIFICATION AND APPROVAL OF BILLING AND ESTIMATE. A WRITTEN DESCRIPTION OF SUCH OTHER BILLING CYCLE APPLICABLE TO THE PROJECT IS AVAILABLE FROM OWNER OR DESIGNATED AGENT.



COMcheck Software Version 4.1.1.0
Exterior Lighting Compliance Certificate

Project Information
 Energy Code: 2018 IECC
 Project Title: Salad & go
 Project Type: New Construction
 Exterior Lighting Zone: 2 (Residentially zoned area)

Construction Site: 2814 S SIGNAL BUTTE ROAD, Mesa, AZ 85212
 Owner/Agent: RKAA, 2233 EAST THOMAS ROAD, PHOENIX, AZ 85016, 602.955.39.00
 Designer/Contractor: Ardebili Engineering, 8100 E Indian School Rd, Scottsdale, AZ 85251

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
Free standing/attached sales canopy	300 ft2	0.4	Yes	120
Parking area	14440 ft2	0.04	Yes	578
		Total Tradable Watts (a) =		698
		Total Allowed Watts =		698
		Total Allowed Supplemental Watts (b) =		400

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
 (b) A supplemental allowance equal to 400 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt. (C X D)	E Total (B X C X D)
Free standing/attached sales canopy (300 ft2): Tradable Wattage LED 1: SD: DOWNLIGHT: Other:	1	14	10	146
Parking area (14440 ft2): Tradable Wattage LED 2: SA: POLE: Other:	1	2	130	259
Total Tradable Proposed Watts =				405

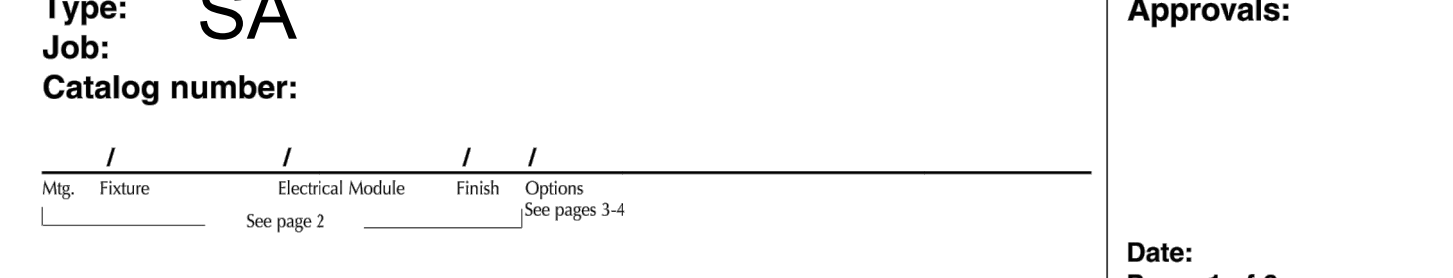
Exterior Lighting PASSES: Design 63% better than code

Exterior Lighting Compliance Statement
 Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

OMID ARDEBILI, PE
 Name - Title: Signature: Date: 06/04/2020

Project Title: Salad & go Report date: 06/04/20
 Data filename: C:\Users\lzmr_03_EL1\Dropbox (Ardebili Engineering)\20130_RKAA_SALAD & GO - SWC Signal Page 2 of 7
 Butte & Guadalupe - Mesa\04_Calculations\2018_IECC.cck

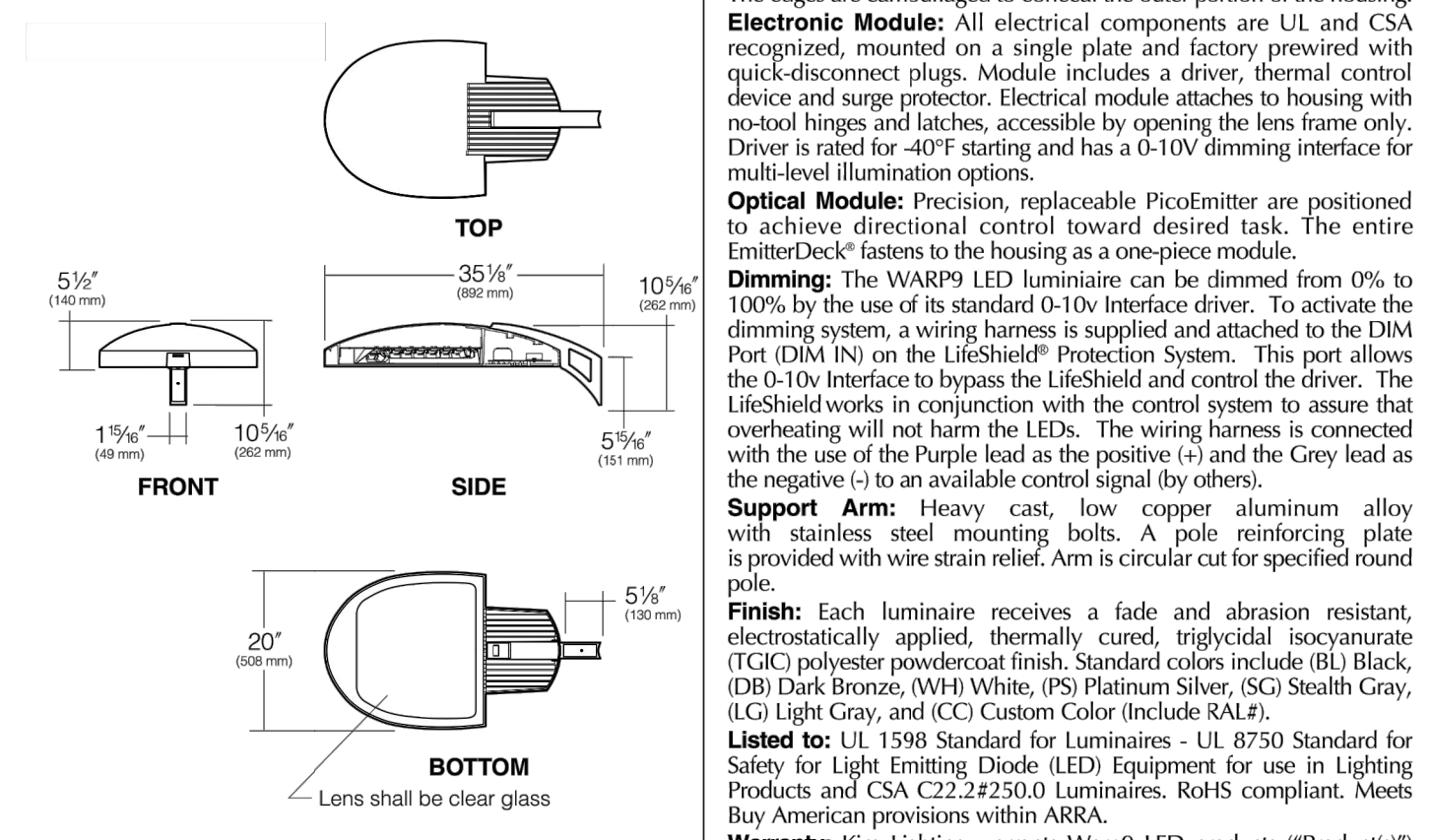
KIM LIGHTING
WP9L-LED
 Type: SA
 Job: SA
 Catalog number:
 WARP9® Large PicoEmitter™ LED
 revision 8/18/14 • kim_wp9leled_spec.pdf



Select pole from Kim's Arms and Poles Selection Guide. If pole is provided by others indicate O.D. for arm fitting.
Approvals:
 Date: Page: 1 of 6

Specifications

WP9L-LED
 Large Electronic
 120 Light Emitting Diodes
 Total Max System Watts = 130W
 Maximum weight = 50 lbs.

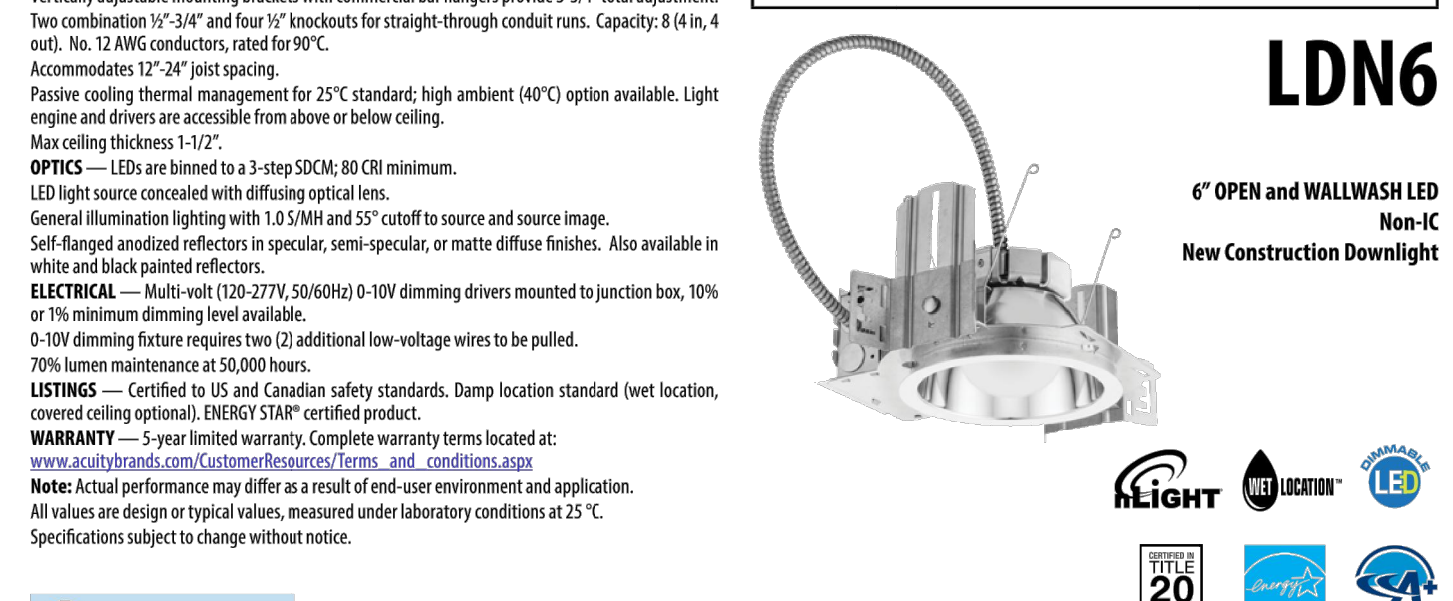


Housing: One-piece die-cast, low copper (<0.6% Cu) aluminum alloy with integral cooling ribs over the electrical compartment. Solid barrier wall separates optical and electrical compartments. A single die-cast aluminum cam-latch provides positive locking and sealing of the optical chamber. A one-piece extruded and vulcanized silicone gasket seals the housing against the lens surface.
Lens: Clear 3/8" thick tempered glass lens retained by a stainless steel piano hinge and a single die-cast aluminum cam-latch. The edges are camouflaged to conceal the outer portion of the housing.
Electronic Module: All electrical components are UL and CSA recognized, mounted on a single plate and factory prewired with quick-disconnect plugs. Module includes a driver, thermal control device and surge protector. Electrical module attaches to housing with no-tool hinges and latches, accessible by opening the lens frame only. Driver is rated for -40°F starting and has a 0-10V dimming interface for multi-level illumination options.
Optical Module: Precision, replaceable PicoEmitter are positioned to achieve directional control toward desired task. The entire EmitterDeck™ attaches to the housing as a one-piece module.
Dimming: The WARP9 LED luminaire can be dimmed from 0% to 100% by the use of its standard 0-10v interface driver. To activate the dimming system, a wiring harness is supplied and attached to the DIM Port (DIM IN) on the LifeShield® Protection System. This port allows the 0-10v interface to bypass the LifeShield and control the driver. The LifeShield works in conjunction with the control system to assure that overheating will not harm the LEDs. The wiring harness is connected with the use of the Purple lead as the positive (+) and the Grey lead as the negative (-) to an available control signal (by others).
Support Arm: Heavy cast, low copper aluminum alloy with stainless steel mounting bolts. A pole reinforcing plate is provided with wire strain relief. Arm is circular cut for specified round pole.
Finish: Each luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidic isocyanurate (TGIC) polyester powdercoat finish. Standard colors include (BL) Black, (DB) Dark Bronze, (WH) White, (PS) Platinum Silver, (SG) Stealth Gray, (LG) Light Gray, and (CC) Custom Color (include RAL).
Listed to: UL 1598 Standard for Luminaires - UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products and CSA C22.2#250.0 Luminaires. RoHS compliant. Meets Buy American provisions within ABRA.
Warranty: Kim Lighting warrants WARP9 LED products ("Products") sold by Kim Lighting to be free from defects in material and workmanship for (i) a period of five (5) years for metal parts, (ii) a period of ten (10) years for exterior housing paint finishes, (iii) a period of six (6) years for LED Light Engines (PicoEmitters) and, (iv) a period of five (5) years for LED power components (LED Driver, LifeShield device, Surge Protector), from the date of sale of such goods to the buyer as specified in Kim Lighting shipment documents for each product.
CAUTION: Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

HUBBELL U.S. Patent D568,521, Patent Pending Optics
 KIM LIGHTING RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.
 © 2014 KIM LIGHTING • 16555 EAST GALE AVENUE, CITY OF INDUSTRY, CA 91745-1788 • TEL: 626/968-5696 • FAX: 626/968-5716

LITHONIA LIGHTING

FEATURES & SPECIFICATIONS
INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.
CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflector are retained by tension springs. Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combination 1/2-3/4" and four 1/2" knockouts for straight through conduit runs. Capacity: 8 (4 in, 4 out), No. 12 AWG conductors, rated for 90°C. Accommodates 12"-24" joist spacing.
 Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.
 Max ceiling thickness 1-1/2".
OPTICS — LEDs are binned to a 3-step SDCM, 80 CRI minimum.
 LED light source concealed with diffusing optical lens.
 General illumination lighting with 1.8 f/10 and 5° cut-off to source and source image. Also available in white and black painted reflectors.
 Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.
ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.
 0-10V dimming feature requires two (2) additional low-voltage wires to be pulled.
 70% lumen maintenance at 50,000 hours.
LISTINGS — Certified to US and Canadian safety standards. Damp location standard (wet location, covered ceiling optional), ENERGY STAR® certified product.
WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.aualbybrands.com/CustomerResources/terms_and_conditions.aspx
Note: Actual performance may differ as a result of end-user environment and application. All values are design type typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.



LDN6
 6" OPEN and WALLWASH LED Non-IC New Construction Downlight

ORDERING INFORMATION: Lead times will vary depending on options selected. Consult with your sales representative. Example: LDN6 35/15 LOGAR LSS WWOV E210

LDN6 Series	Color temperature	Lumens ¹	Aperture/Trim Color	Finish	Voltage
LDN6 6" round	27° 2700K	85 500 lumens	LOG Downlight	LS Semi-specular	MPOLE Multi-volt
	35° 3500K	10 1000 lumens	LWS Wallwash	LD Matte diffuse	120 120V
40° 4000K	40° 4000K	15 1500 lumens		BR Black	277 277V
	50° 5000K	20 2000 lumens		LS Specular	347 347V

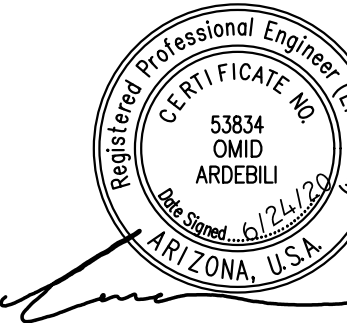
Driver	Options
G210 0-10V driver dims to 10%	SP ¹ Single face TRP ¹ White painted flange
G21 0-10V driver dims to 1%	TBL ¹ Black painted flange EL Emergency battery pack with integral test switch. Not Certified in CA Title 20 MAEDBS
E210 0-10V e-dLED driver with smooth and flicker-free deep dimming performance down to 10%	ELR Emergency battery pack with remote test switch. Not Certified in CA Title 20 MAEDBS ELSD Emergency battery pack with self-diagnostics, integral test switch. Not Certified in CA Title 20 MAEDBS
E21 0-10V e-dLED driver with smooth and flicker-free deep dimming performance down to 1%	ELSDSD Emergency battery pack with self-diagnostics, remote test switch. Not Certified in CA Title 20 MAEDBS E10WCP Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDBS E10WCPK Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDBS
NPP160 ²	NLTAR2 ³ nLight™ AIR Dimming Pack Wireless Controls. Controls features on emergency circuit USPOM US point of manufacture
NPP160E ²	nLight™ network power/relay pack with 0-10V dimming for non-e-dLED drivers (G210, G21). EB controls features on emergency circuit.

Accessories: Order as separate catalog number.
 EAC E35M 235 Compact interchangeable emergency AC power system
 EAC E35M 125 Compact interchangeable emergency AC power system
 GRABZ 2 Over-sized fitting with 3" outside diameter
 SCAS Sloped ceiling adapter. Refer to TECH-SCA for more options.

Notes:
 1 Overall height varies based on lumen package; refer to dimensional chart on page 2.
 2 Not available with finishes.
 3 Not available with emergency systems.
 4 Must specify voltage: 120V or 277V.
 5 Available with clear (AR) reflector only.
 6 Specify voltage. EB for use with generator supply EM power. Will require an emergency hot lead and normal hot lead.
 7 Fixture height at 30% light level. Must be specified with NPS0E2 or NPS0E2ER. Only available with E210 and E21 drivers.
 8 Not available with CE, NPS0E2, NPS0E2ER, NPP160, NPP160E or NED options.
 9 NPS0E2 and NLTAR2 not recommended for metal ceiling installations.
 10 Fixture height is 6.7" for all lumen packages with 180°. Must specify voltage for 300lm, 500lm with marked spacing 24 L x 24 W x 14 H. Not available with emergency battery pack option.



ARK
 ARCHITECTS
 2233 EAST THOMAS ROAD, PHOENIX, ARIZONA 85016
 602-955-3900



EXTERIOR CUT-SHEET
 1 / 2018 Duplication fee

NOTICE OF ALTERNATE BILLING OR PAYMENT CYCLE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE SUBMISSION OF BILLING OR ESTIMATES IN BILLING CYCLES OTHER THAN THOSE IN THIS CONTRACT. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CERTIFICATION AND APPROVAL OF BILLING AND ESTIMATES. A WRITTEN DESCRIPTION OF SUCH CHANGES SHALL BE APPLICABLE TO THE PROJECT TO BE AVAILABLE FROM OWNER OR DESIGNATED AGENT.

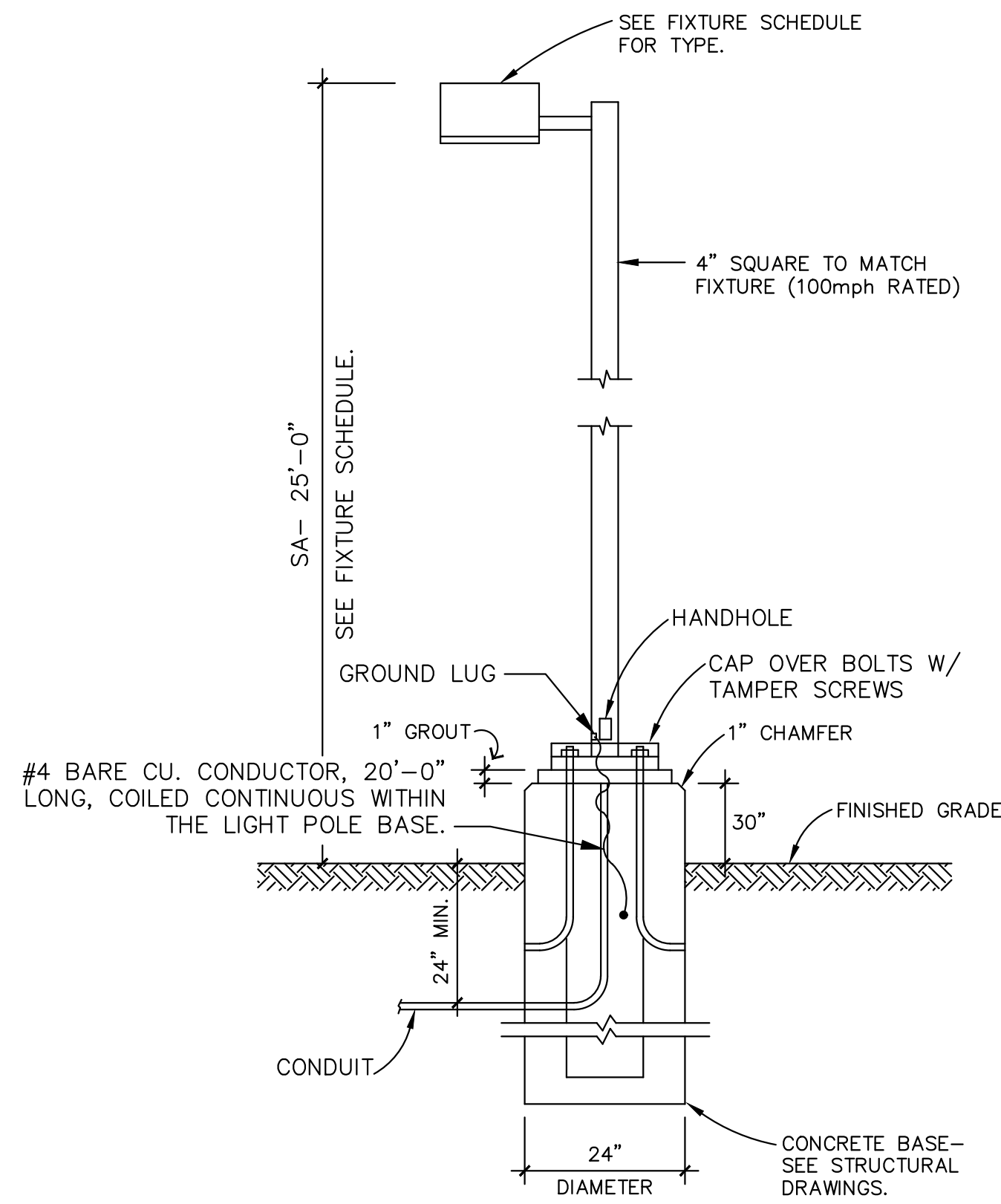
SALAD AND GO
 2814 S SIGNAL BUTTE ROAD
 MESA, ARIZONA 85212

design by: --
 drawn by: --
 checked by: --

E0.0
 project: 19245

ARDEBILI Engineering
 Project Number: 20130 | Project Manager: BH
 8100 E Indian School Rd, Suite 205, Scottsdale, AZ 85251
 P: 480.626.7072 | ardebiling.com

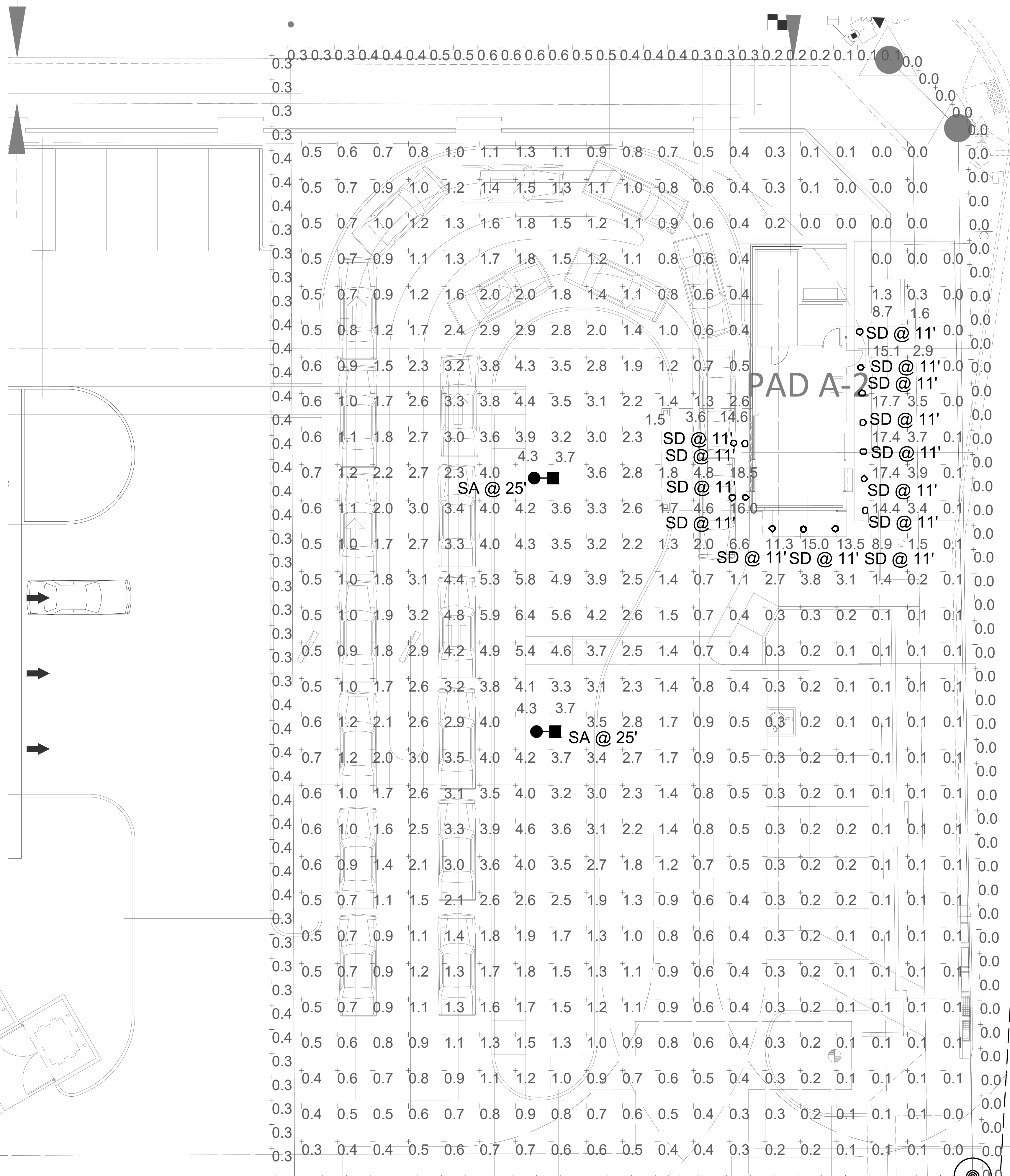
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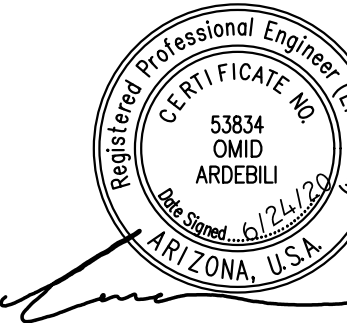
LIGHT POLE AND FIXTURE 'SA'

NOTE: CONTRACTOR SHALL PROVIDE NEW POLE BASES WHERE INDICATED ON PLANS. LIGHTING FIXTURE POLE DETAILS AND DESCRIPTIONS ARE FOR ELECTRICAL REFERENCES ONLY. PLEASE REFER TO STRUCTURAL DRAWINGS FOR POLE BASE DETAILS.

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
EXTERIOR	+	1.7 fc	18.5 fc	0.0 fc	N/A	N/A
PROPERTY LINE	+	0.2 fc	0.6 fc	0.0 fc	N/A	N/A



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602-955-3900



1 / 2018 Application for
EXTERIOR PHOTOMETRIC PLAN

NOTICE OF ALTERNATE BILLING OR PAYMENT CYCLE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUBMISSION OF BILLING OR ESTIMATES IN BILLING CYCLES OTHER THAN THOSE PROVIDED IN THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUBMISSION OF BILLING OR ESTIMATES IN BILLING CYCLES OTHER THAN THOSE PROVIDED IN THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUBMISSION OF BILLING OR ESTIMATES IN BILLING CYCLES OTHER THAN THOSE PROVIDED IN THE CONTRACT.

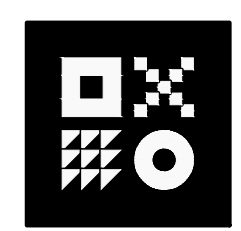
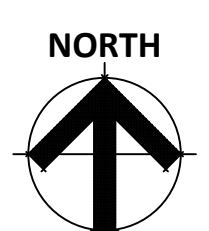
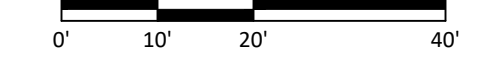
SALAD AND GO
2814 S SIGNAL BUTTE ROAD
MESA, ARIZONA 85212

design by: --
drawn by: --
checked by: --
E0.1
project: 19245

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
○	SD	14	Lithonia Lighting	LDN6 40/10 LO6AR LSS	6IN LDN 4000K 1000LM CLEAR SEMI-SPECULAR REFLECTOR, CRI80		1	LDN6_40_10_LO6AR_LSS.ies	952	1	10.44
■	SA	2	KIM LIGHTING Educational, Government, Healthcare, Hospitality, Hotel, Industrial, Institutional, Manufacturing, Pathway, Prison, Roadway, Site, Sports, Street, Direct, Wet Location	WP9L1E35-120L5K	WARP9 LED PICO-EMITTER	C-70-CRI DATA SHOWN IS ABSOLUTE.	1	WP9L1E35-120L5K.ies	14603	1	129.6

EXTERIOR PHOTOMETRIC PLAN

SCALE: 1" = 10'-0"



ARDEBILI Engineering
Project Number: 20130 | Project Manager: BH
8100 E Indian School Rd, Suite 205, Scottsdale, AZ 85251
P: 480.626.7072 | ardebiling.com

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