DEVELOPMENT REVIEW BOARD
REGULAR MEETING MEMORANDUM

Item No. 6
Meeting Date: October 15, 2020
Topic: Public Comment for case 28-DR-2020 (Axon)
From: Greg Bloemberg, Senior Planner
Through: Brad Carr, AICP, LEED-AP, Development Review Board Coordinator

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Background

Development Review Board,

At the time the Development Review Board Report was being written for this proposal, staff had received very little public comment. Since the publishing of the Report, staff has received numerous emails from residents of the Stonebrook II community located southwest of the proposed Axon building. Staff is providing that correspondence (attached to this memo) as an addendum to the published staff report.

Greg Bloemberg
Senior Planner

Attachments
1. Public comment

Bloemberg, Greg

From: Kuester, Kelli
Sent: Monday, October 12, 2020 8:25 AM
To: Carrah Abele
Cc: Bloemberg, Greg
Subject: RE: Axon proposed development

Hello Mr. and Mrs. Abele,

Thank you for emailing Mayor Lane and the City Councilmembers and for taking the time to share your input prior to the November 10th City Council meeting. Senior Planner Greg Bloemberg is copied on this email and will make sure your comments are included in the case file and is also the best resource should you have any questions on this project.

More information can be found here: https://eservices.scottsdaleaz.gov/bldgresources/Cases/Details/51367

Kelli Kuester
Management Assistant to the Mayor
3939 N. Drinkwater Blvd., Scottsdale, AZ 85251 kkuester@scottsdaleaz.gov
(480) 312-7977

-----Original Message-----
From: Carrah Abele <carrah1@yahoo.com>
Sent: Sunday, October 11, 2020 3:05 PM
To: Bloemberg, Greg <GBLO@Scottsdaleaz.gov>; Planning Commission <Planningcommission@scottsdaleaz.gov>; City Council <CityCouncil@scottsdaleaz.gov>
Subject: Axon proposed development

⚠ External Email: Please use caution if opening links or attachments!

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

I am writing to express my deep concern about the Axon proposed development (13- ZN-2020 and 2S-DR-2020) in Crossroads East, which abuts our residential community. This proposal as it stands leaves us with many serious concerns, specifically:

1) Traffic impacts and road redesigns: The impacts to us could be dramatic. There needs to be a traffic study.
2) Noise impacts: The noise impacts to our community could be substantial. There needs to be a noise study.
3) Building design: The design of the proposed building is objectionable. The request for a 7-story variance is obtrusive and likely will obstruct our view of the McDowell Mountains. An elevation analysis of this last item is needed.
4) Environmental impacts. There needs to be an environmental impact study that addresses emissions, groundwater, project discharges, and any odors.
5) Light pollution: the lighting impacts to our community are substantial and will negatively affect the enjoyment of our homes and community. There needs to be a lighting review and light pollution study.

This proposal as it stands requires a greater analysis by the city and more transparency by the developer. It should be noted that while our community, Scottsdale Stonebrook II, is the ONLY residential single-family home community affected by this proposal, there is no mention of considerations in the proposal that would speak to the issues above nor have they contacted any community representative.

Please take another look at what this proposal suggests and how it might negatively impact our community. It deserves more time for review, revision, and studies.

Thank you very much for your consideration.

Sincerely,
Carrah and Steve Abele
Date October 11, 2020

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

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Sincerely,

Signed _____

Date 10/12/2020

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Sincerely,

Signed Carmel J Burke

Date 10/11/20

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Thank you very much for your consideration.

Sincerely,

Signed Rosemary Catroppa, Grace Rabel

Date Dec. 10, 2020

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

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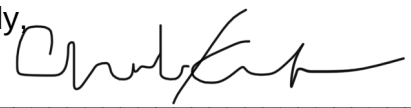
Signed 

Date 10-12-2020

Bloemberg, Greg

From: Kuester, Kelli
Sent: Monday, October 12, 2020 8:24 AM
To: David Chou
Cc: City Council; Bloemberg, Greg
Subject: RE: Axon development

Hello Mr. Chou,

Thank you for emailing Mayor Lane and the City Councilmembers and for taking the time to share your input prior to the November 10th City Council meeting. Senior Planner Greg Bloemberg is copied on this email and will make sure your comments are included in the case file and is also the best resource should you have any questions on this project.

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Kelli Kuester
Management Assistant to the Mayor
3939 N. Drinkwater Blvd., Scottsdale, AZ 85251
kkuester@scottsdaleaz.gov
(480) 312-7977

From: David Chou <dave_ne@hotmail.com>
Sent: Saturday, October 10, 2020 1:05 PM
To: City Council <CityCouncil@scottsdaleaz.gov>
Subject: Axon development

Dear members of the Scottsdale City Council,

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Sincerely,

David Chou

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Thank you very much for your consideration.

Sincerely,

Signed Kristin Clark

Date 10-9-2020

Bloemberg, Greg

From: Peggy Fawcett <pjf0731@aol.com>
Sent: Saturday, October 10, 2020 3:10 PM
To: Bloemberg, Greg
Subject: Scottsdale Stonebrook II

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

I am writing to express my deep concern about the Axon proposed development (13-ZN-2020 and 2S-DR-2020) in Crossroads East, which abuts our residential community. This proposal as it stands leaves us with many serious concerns, specifically:

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Thank you very much for your consideration.

Sincerely,

Signed Peggy Sunsett

Date 10/10/2020

Scottsdale Stonebrook II

Bloemberg, Greg

From: Cheryl Fernandez <cfernandez@cableone.net>
Sent: Saturday, October 10, 2020 7:14 AM
To: Bloemberg, Greg; Planning Commission; City Council
Subject: Scottsdale Axon Proposed Development
Attachments: Dear City Planning.pdf; FINAL CherylCardBack.pdf

Signed:
Cheryl Fernandez and Luis Fernandez October 10 2020

Cheryl Fernandez, REALTOR®, ABR®
Realty Executives Arizona Territory

http://TheWayHomeAZ.com

Bloemberg, Greg

From: Paul Haizlip <paulhaizlip@gmail.com>
Sent: Monday, October 12, 2020 12:41 AM
To: Bloemberg, Greg
Subject: Axon proposed development (13- ZN-2020 and 2S-DR-2020)

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

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Thank you very much for your consideration.

Sincerely,
Paul, Suzanne & J. Elwood Haizlip
10/11/2020

Bloemberg, Greg

From: Christopher Harper <harper.cs@gmail.com>
Sent: Saturday, October 10, 2020 1:17 PM
To: City Council; Bloemberg, Greg; Planning Commission
Subject: City cases 13-ZN-2020 and 2S-DR-2000.

See attached. Thx

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

I am writing to express my deep concern about the Axon proposed development (13-ZN-2020 and 2S-DR-2020) in Crossroads East, which abuts our residential community. This proposal as it stands leaves us with many serious concerns, specifically:

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Thank you very much for your consideration.

Sincerely,

Signed _____

Date 10/10/2020

From: Christopher Harper <harper.cs@gmail.com>
Sent: Tuesday, October 13, 2020 9:52 AM
To: Kuester, Kelli <KKuester@Scottsdaleaz.gov>
Cc: Bloemberg, Greg <GBLO@Scottsdaleaz.gov>
Subject: Re: City cases 13-ZN-2020 and 2S-DR-2000.

Thanks for the help.

Few extra notes...
1. Not opposed to the project, it will be nice to have some more development behind our neighborhood. Just not a fan of the additional two floors. Five floors plus screening for roof equipment is getting very tall compared to existing in the area. Also assuming the building pad will have to be raised for flood requirements. Was ok with the height of Nationwide, but did not like the building pad being raised as much as it was. Building pushed pretty far east, which is nice, but it won't be long before they expand and we end up with another Axon building further west behind the neighborhood if approved for 5 floors.
2. Preferred previous master plan with Perimeter Drive being extended through this site and connecting to the new Mayo Blvd on east side of Hayden. Helped push traffic away from our neighborhood. Proposed design dumps all of Axon traffic heading to west to Hayden/west bound 101 onto Mayo and through a new roundabout connecting to our neighborhood. Traffic on existing Mayo Blvd heavy in morning and backs up in evening as it is with the existing Axon campus and other businesses in the Perimeter Center.
3. Be nice to see access to Hayden directly from Axon campus vs running traffic down to Mayo Blvd.
4. Assuming the manf. portion of the project will run nights and/or split shifts, which will increase traffic at certain normally off-hours (nights/weekends/etc). So better to push traffic away from the neighborhood.
5. Very modern building, I am sure SmithGroup will do a great job once they get going with full design docs, but building a bit flashy compared to existing architecture in Perimeter Center. Very bright colors.
6. Would like to see the future fire station further north towards 101, though I suspect it will still be loud when they go on calls.

thx
Chris

On Mon, Oct 12, 2020 at 9:37 AM Kuester, Kelli <KKuester@scottsdaleaz.gov> wrote:

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

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Thank you very much for your consideration.

Sincerely,

Signed _____

Date 10/12/2020

Bloemberg, Greg

From: Richard Isaac <rpi2@cox.net>
Sent: Monday, October 12, 2020 4:26 PM
To: Bloemberg, Greg
Subject: Axon Development

To whom it may concern:

I am a resident of the Scottsdale Stonebrook ll community. I really do not want this Axon Development to proceed without further review and studies as indicated in the attached letter which I've signed.

In short, I just do not understand why Axon cannot move this project further north away from single family homes.

Thank you for your consideration.

Sincerely,

Richard Isaac

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

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Thank you very much for your consideration.

Sincerely

Signed Richard Isaac

Date 10/12/2020

Bloemberg, Greg

From: Kuester, Kelli
Sent: Monday, October 12, 2020 8:30 AM
To: James Joyce
Cc: Bloemberg, Greg
Subject: RE: Axon Development

Hello,

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Kelli Kuester
Management Assistant to the Mayor
3939 N. Drinkwater Blvd., Scottsdale, AZ 85251
kkuester@scottsdaleaz.gov
(480) 312-7977

From: James Joyce <ws8103.0839@gmail.com>
Sent: Saturday, October 10, 2020 5:36 PM
To: Planning Commission <Planningcommission@scottsdaleaz.gov>
Cc: City Council <CityCouncil@scottsdaleaz.gov>; Bloemberg, Greg <GBLO@Scottsdaleaz.gov>
Subject: Axon Development

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Sincerely,

Signed Blitstein, Leah Miller

Date 10/10/2020

Bloemberg, Greg

From: Kuester, Kelli
Sent: Monday, October 12, 2020 8:24 AM
To: Lisa Kotler
Cc: City Council; Bloemberg, Greg
Subject: RE: Proposed Axon development

Hello Ms. Kotler,

Thank you for emailing Mayor Lane and the City Councilmembers and for taking the time to share your input prior to the November 10th City Council meeting. Senior Planner Greg Bloemberg is copied on this email and will make sure your comments are included in the case file and is also the best resource should you have any questions on this project.

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Kelli Kuester
Management Assistant to the Mayor
3939 N. Drinkwater Blvd., Scottsdale, AZ 85251
kkuester@scottsdaleaz.gov
(480) 312-7977

From: Lisa Kotler <lkandellmsrd@cox.net>
Sent: Saturday, October 10, 2020 3:12 PM
To: City Council <CityCouncil@scottsdaleaz.gov>
Subject: Proposed Axon development
Importance: High

This project is a BAD idea. It is an infringement on our privacy and the serenity of our neighborhood. The land directly north of Scottsdale Stonebrook II from 82nd Street (east) to Hayden Rd (west) and Mayo Blvd (north) to the 101 Freeway should be zoned for RESIDENTIAL ONLY.

The area from 82nd Street east to the 101 South Loop and north of Mayo boulevard would stay zoned for commercial business but with height restrictions, light restrictions and noise restrictions.

Thank you for your consideration.

Lisa Kotler
Remember to laugh everyday!

Resident of Scottsdale Stonebrook II since 1998.

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

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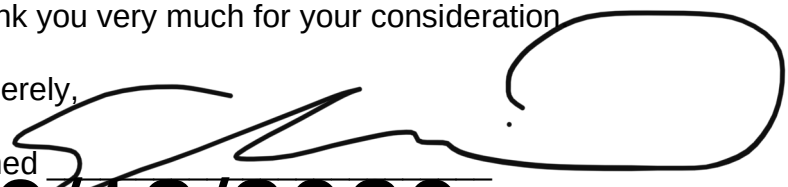
Please take another look at what this proposal suggests and how it might negatively impact our community. It deserves more time for review, revision, and studies.

Thank you very much for your consideration.

Sincerely,

Signed 

Date 10/12/2020

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

I am writing to express my deep concern about the Axon proposed development (13-ZN-2020 and 2S-DR-2020) in Crossroads East, which abuts our residential community. This proposal as it stands leaves us with many serious concerns, specifically:

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Thank you very much for your consideration.

Sincerely,

Signed Lauren Harper

Date 10/10/2020

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

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Please take another look at what this proposal suggests and how it might negatively impact our community. It deserves more time for review, revision, and studies.

Thank you very much for your consideration.

Sincerely, MARK LOERA

Signed 

Date 10/10/2020

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

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Thank you very much for your consideration.

Sincerely,

Signed Susan McGarry

Date 6/12/2020

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Thank you very much for your consideration.

Sincerely,

Signed Bill Miller, 8131 E Michelle Dr

Date Oct 10, 2020

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

I am writing to express my deep concern about the Axon proposed development (13-ZN-2020 and 2S-DR-2020) in Crossroads East, which abuts our residential community. This proposal as it stands leaves us with many serious concerns, specifically:

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Bloemberg, Greg

From: Kuester, Kelli
Sent: Monday, October 12, 2020 8:29 AM
To: Kevin
Cc: Bloemberg, Greg
Subject: RE: Axon Proposed Development

Hello Kevin,

Thank you for emailing Mayor Lane and the City Councilmembers and for taking the time to share your input prior to the November 10th City Council meeting. Senior Planner Greg Bloemberg is copied on this email and will make sure your comments are included in the case file and is also the best resource should you have any questions on this project.

More information can be found here: https://eservices.scottsdaleaz.gov/bldgresources/Cases/Details/51367

Kelli Kuester
Management Assistant to the Mayor
3939 N. Drinkwater Blvd., Scottsdale, AZ 85251
kkuester@scottsdaleaz.gov
(480) 312-7977

From: Kevin <kev_master@yahoo.com>
Sent: Saturday, October 10, 2020 1:40 PM
To: City Council <CityCouncil@scottsdaleaz.gov>
Subject: Axon Proposed Development

Hi,

Please see attached file on the Axon Proposed Development.

Thank you,
Kevin Rusk

Bloemberg, Greg

From: Kuester, Kelli
Sent: Monday, October 12, 2020 8:28 AM
To: SIMON SPAIZMAN
Cc: Bloemberg, Greg
Subject: RE: Axon proposal North

Hello Melissa,

Thank you for emailing Mayor Lane and the City Councilmembers and for taking the time to share your input prior to the November 10th City Council meeting. Senior Planner Greg Bloemberg is copied on this email and will make sure your comments are included in the case file and is also the best resource should you have any questions on this project.

More information can be found here: https://eservices.scottsdaleaz.gov/bldgresources/Cases/Details/51367

Kelli Kuester
Management Assistant to the Mayor
3939 N. Drinkwater Blvd., Scottsdale, AZ 85251
kkuester@scottsdaleaz.gov
(480) 312-7977

From: SIMON SPAIZMAN <SIMNMEL@yahoo.com>
Sent: Saturday, October 10, 2020 11:50 AM
To: City Council <CityCouncil@scottsdaleaz.gov>
Subject: Axon proposal North

⚠ External Email: Please use caution if opening links or attachments!

Dear City council members, please see attached letter
Thank you

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

I am writing to express my deep concern about the Axon proposed development (13-ZN-2020 and 2S-DR-2020) in Crossroads East, which abuts our residential community. This proposal as it stands leaves us with many serious concerns, specifically:

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Please take another look at what this proposal suggests and how it might negatively impact our community. It deserves more time for review, revision, and studies.

Thank you very much for your consideration.

Sincerely,

Signed Melissa D. Spaizman

Date 10/9/20

Ms. Melissa Spaizman
8081 E Rita Dr
Scottsdale, AZ 85255

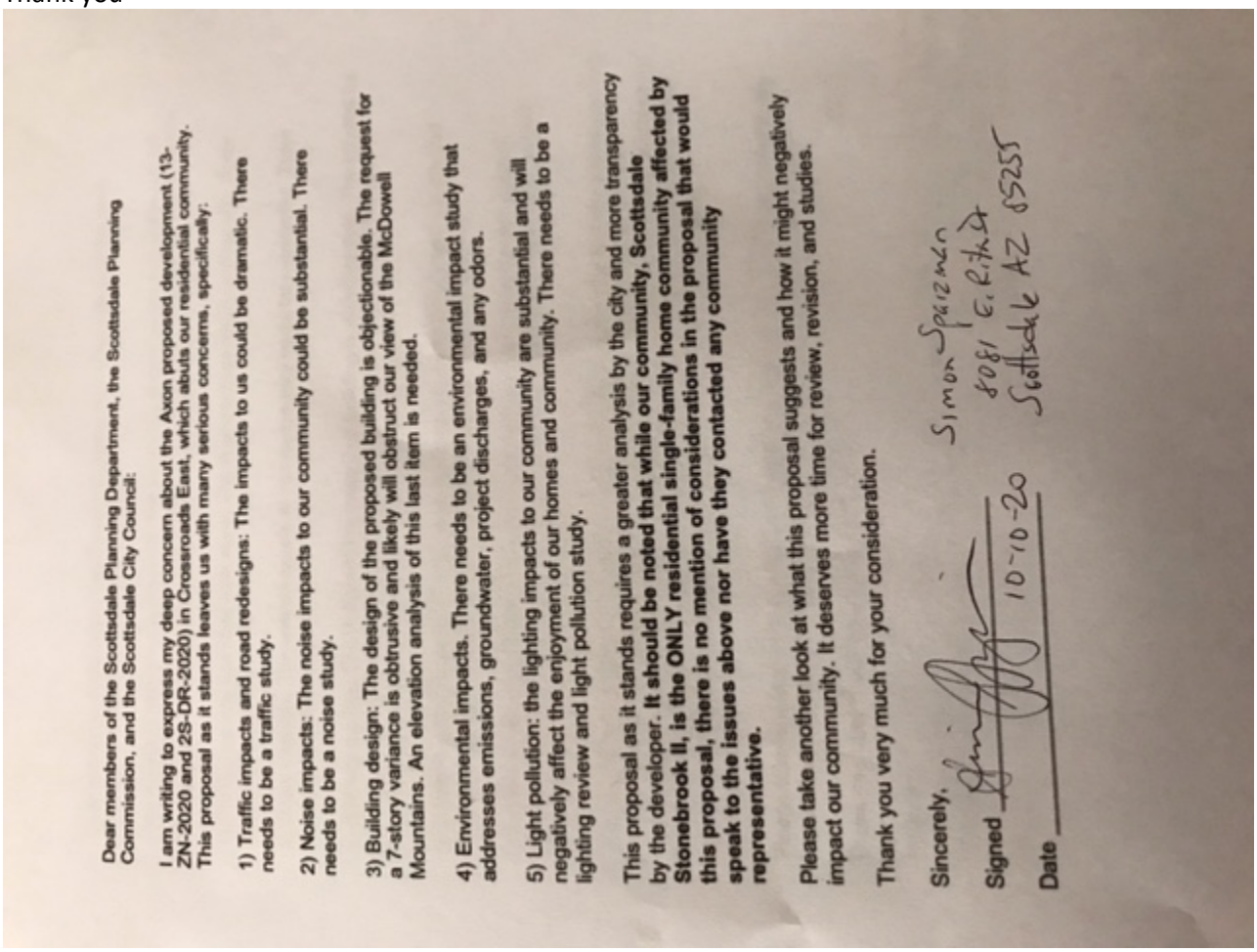
Sent from my iPhone

Bloemberg, Greg

From: SIMON SPAIZMAN <SIMNMEL@yahoo.com>
Sent: Saturday, October 10, 2020 11:44 AM
To: Bloemberg, Greg
Subject: Axon proposal

⚠ External Email: Please use caution if opening links or attachments!

Dear Governor,
I have attached a letter.
Thank you



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Please take another look at what this proposal suggests and how it might negatively impact our community. It deserves more time for review, revision, and studies.

Thank you very much for your consideration.

Sincerely,

Signed Simon Spaizman

Date 10-10-20

8081 E. Rita Dr
Scottsdale AZ 85255

Sent from my iPhone

Bloemberg, Greg

From: Kuester, Kelli
Sent: Monday, October 12, 2020 8:27 AM
To: Susi Stone
Cc: Bloemberg, Greg
Subject: RE: Axon proposed development

Hello Ms. Stone,

Thank you for emailing Mayor Lane and the City Councilmembers and for taking the time to share your input prior to the November 10th City Council meeting. Senior Planner Greg Bloemberg is copied on this email and will make sure your comments are included in the case file and is also the best resource should you have any questions on this project.

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Kelli Kuester
Management Assistant to the Mayor
3939 N. Drinkwater Blvd., Scottsdale, AZ 85251
kkuester@scottsdaleaz.gov
(480) 312-7977

From: Susi Stone <susidos@gmail.com>
Sent: Saturday, October 10, 2020 6:03 PM
To: City Council <CityCouncil@scottsdaleaz.gov>
Subject: Axon proposed development

October 10, 2020

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council: I am writing to express my deep concern about the Axon proposed development (13- ZN-2020 and 2S-DR-2020) in Crossroads East, which abuts our residential community. This proposal as it stands leaves us with many serious concerns, specifically: 1) Traffic impacts and road redesigns: The impacts to us could be dramatic. There needs to be a traffic study. 2) Noise impacts: The noise impacts to our community could be substantial. There needs to be a noise study. 3) Building design: The design of the proposed building is objectionable. The request for a 7-story variance is obtrusive and likely will obstruct our view of the McDowell Mountains. An elevation analysis of this last item is needed. 4) Environmental impacts. There needs to be an environmental impact study that addresses emissions, groundwater, project discharges, and any odors. 5) Light pollution: the lighting impacts to our community are substantial and will negatively affect the enjoyment of our homes and community. There needs to be a lighting review and light pollution study. This proposal as it stands requires a greater analysis by the city and more transparency by the developer. It should be noted that while our community, Scottsdale Stonebrook II, is the ONLY residential single-family home community affected by this proposal, there is no mention of considerations in the proposal that would speak to the issues above nor have they contacted any community representative. Please take another look at what this proposal suggests and how it might negatively impact our community. It deserves more time for review, revision, and studies. Thank you very much for your consideration.

Sincerely,

Susan Stone
8059 E Michelle Dr
Scottsdale 85255

Bloemberg, Greg

From: Bob Stone <bobstone1048@gmail.com>
Sent: Saturday, October 10, 2020 5:51 PM
To: Bloemberg, Greg
Subject: Axon proposed developmen

October 10, 2020

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council: I am writing to express my deep concern about the Axon proposed development (13- ZN-2020 and 2S-DR-2020) in Crossroads East, which abuts our residential community. This proposal as it stands leaves us with many serious concerns, specifically: 1) Traffic impacts and road redesigns: The impacts to us could be dramatic. There needs to be a traffic study. 2) Noise impacts: The noise impacts to our community could be substantial. There needs to be a noise study. 3) Building design: The design of the proposed building is objectionable. The request for a 7-story variance is obtrusive and likely will obstruct our view of the McDowell Mountains. An elevation analysis of this last item is needed. 4) Environmental impacts. There needs to be an environmental impact study that addresses emissions, groundwater, project discharges, and any odors. 5) Light pollution: the lighting impacts to our community are substantial and will negatively affect the enjoyment of our homes and community. There needs to be a lighting review and light pollution study. This proposal as it stands requires a greater analysis by the city and more transparency by the developer. It should be noted that while our community, Scottsdale Stonebrook II, is the ONLY residential single-family home community affected by this proposal, there is no mention of considerations in the proposal that would speak to the issues above nor have they contacted any community representative. Please take another look at what this proposal suggests and how it might negatively impact our community. It deserves more time for review, revision, and studies. Thank you very much for your consideration.

Sincerely,
Robert Stone
8059 E Michelle Dr
Scottsdale 85255

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Thank you very much for your consideration.

Sincerely,

Signed Cyndi Suttles

Date October 9, 2020

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

I am writing to express my deep concern about the Axon proposed development (13-ZN-2020 and 2S-DR-2020) in Crossroads East, which abuts our residential community. This proposal as it stands leaves us with many serious concerns, specifically:

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Thank you very much for your consideration.

Sincerely,

Signed Kerry Lautenbach

Date October 10, 2020

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Sincerely,

Alivia Wieseler 10/11/2020

Gary Witt

17743 N. 81st Way
Scottsdale, AZ

October 10, 2020

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

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Thank you very much for your consideration.

Sincerely,

Signed Gary Witt

Date Oct. 10, 2020

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Thank you very much for your consideration.

Sincerely,

Signed Michael Bandle

Date 10-9-2020

8145 E Rita Drive

Bloemberg, Greg

From: Connie <conniezimmerman@earthlink.net>
Sent: Saturday, October 10, 2020 5:13 PM
To: Bloemberg, Greg
Cc: Donovan Zimmerman
Subject: Re: Protest of Axon zonning change

Thank you for the clarification and follow up. What I meant is that our neighborhood only has one access point in and out of the neighborhood onto 82nd Street. We do have 2 exits at Michelle and Teresa onto 82nd Street. The concern is the dependence on 82nd Street. Additional development and traffic planning should take into account how they affect traffic flow on 82nd Street. If we had an access point into our neighborhood from the North, South or West as well it wouldn't make our neighborhood as concerned about these traffic changes and the how the planned roundabout at 82nd and Mayo will affect 82nd Street.
Thank you!
Connie Zimmerman

Sent from my iPhone

On Oct 8, 2020, at 2:00 PM, Bloemberg, Greg <GBLO@scottsdaleaz.gov> wrote:

> Connie,
>
> Below is the information I received from Transportation. If you still have additional questions you can contact Phil Kercher, Traffic Engineering Manager directly at 480-312-7645, or by email at pkercher@scottsdaleaz.gov.
>
> There are actually two access points from the Scottsdale Stonebrook subdivision to 82nd Street, not one – Michelle Drive and Theresa Drive. These intersections will remain in place with the planned street improvements associated with the Axon development. As part of the improvements required, there will be a roundabout installed at the 82nd Street and Mayo Boulevard intersection and a traffic signal at the Mayo Boulevard and Hayden Road intersection. These will make it easier to access Hayden Road. The Mayo Boulevard street connection from 82nd Street to Perimeter Drive will remain as an alternative route to accessing directly onto Princess Drive. Our Traffic Engineering staff did a traffic signal warrant analysis at 82nd Street and Princess Drive and the traffic volumes did not meet the necessary warrants. With the new street system in place Traffic Engineering will reevaluate the intersection to see if it will meet the warrants to justify installing a traffic signal. Feel free to contact us if you have any questions or concerns about the changes to the streets in the Scottsdale Stonebrook area.
>
> Regards,
>
> *Greg Bloemberg*
> Senior Planner
> Current Planning
> City of Scottsdale
> e-mail: gbloemberg@scottsdaleaz.gov
> phone: 480-312-4306

From: Connie Zimmerman <conniezimmerman@earthlink.net>
Sent: Thursday, October 08, 2020 11:59 AM
To: Bloemberg, Greg <GBLO@Scottsdaleaz.gov>; 'Donovan Zimmerman' <donovan.zimmerman@pesmail.com>
Subject: RE: Protest of Axon zonning change

Thank you Mr. Bloemberg –

I would like to request that further study is done for the impact these proposed changes will have on 82nd Street and accessibility for the Scottsdale Stonebrook II neighborhood.

Residents of Scottsdale Stonebrook II have only one egress from the neighborhood onto 82nd Street. This is very poor planning for emergency purposes. During the 2019 Phoenix Open, 82nd Street and Mayo Blvd were completely blocked at times with lines of uber drivers accessing the birds nest and pick up areas. I witnessed neighbors driving in the oncoming traffic lanes to access entrance to the neighborhood and feared that I would not be able to get emergency help in or out should we need it. This was addressed and managed better in 2020 and we appreciate that.

Residents heading north or south on 82nd Street also contend with the unsafe intersection of Princess and 82nd Street. I understand it was studied recently and deemed that stop signs or a stoplight would impede the plan of traffic flow heading east/west on Princess Drive to Hayden and further access to the 101 to the North or to FLW/Greenway Hayden Loop to the South. People speed through on Princess Drive and the sightlines to the east and west already make it a difficult intersection to pass through. The elderly, newly licensed teens and visitors the area seem to have the most trouble with this intersection. The additional traffic these nearby developments will bring will increase the danger for drivers and pedestrians.

Given the planned changes to the north end of 82nd Street, to Mayo Boulevard which is our neighborhood's access to the 101 West and additional traffic Axon and the new apartment complex will bring to the area, I would like to request that the interest and safety of drivers in Scottsdale Stonebrook II is served in all decisions made.

Thank you –
Connie Zimmerman

From: Bloemberg, Greg [mailto:GBLO@Scottsdaleaz.gov]
Sent: Thursday, October 8, 2020 8:49 AM
To: Donovan Zimmerman
Cc: Connie Zimmerman
Subject: RE: Protest of Axon zonning change

Mr. Zimmerman,

Thank you for the feedback. I will see to it your concerns are added to the public record and included in future reports.

Let me know if you have any additional concerns or questions.

Regards,

Greg Bloemberg

Senior Planner
Current Planning
City of Scottsdale
e-mail: gbloemberg@scottsdaleaz.gov
phone: 480-312-4306

From: Donovan Zimmerman <donovan.zimmerman@pesmail.com>
Sent: Wednesday, October 07, 2020 8:03 PM
To: Bloemberg, Greg <GBLO@Scottsdaleaz.gov>
Cc: Connie Zimmerman <conniezimmerman@earthlink.net>
Subject: Protest of Axon zonning change

Dear Mr. Bloemberg:

As a resident of Scottsdale Stonebrook II since 1996, I am appalled that the City of Scottsdale is planning on changing Zoning so a 7 story building can be built by Axon. In addition to increased traffic, the plans call for elimination of one of the few access points Mayo blvd. for our neighborhood. Proposed we have to travel through multiple traffic circles, traveling North and West to reach Hayden Loop. I current travel 1 city block to reach that know. This is a road I am my fellow neighbor use on a daily basis.

This is also a concern about the extra traffic traveling south bound on 82nd street to a very dangerous intersection Princess and 82nd Street. With no new traffic light and triple the traffic this is a death trap in the making.

Please vote NO to the AXON zoning request.

Sincerely;

Donovan Zimmerman,
Stonebrook II HOA Vice President
17905 N. 81st Way
Scottsdale, AZ 85255
(480) 948-7871 Office
(480) 948-6123 Fax
(888) 850-9528 Toll Free

Greg Bloemberg
Senior Planner
Current Planning
City of Scottsdale
e-mail: gbloemberg@scottsdaleaz.gov
phone: 480-312-4306

Dear members of the Scottsdale Planning Department, the Scottsdale Planning Commission, and the Scottsdale City Council:

I am writing to express my deep concern about the Axon proposed development (13-ZN-2020 and 2S-DR-2020) in Crossroads East, which abuts our residential community. This proposal as it stands leaves us with many serious concerns, specifically:

1) Traffic impacts and road redesigns: The impacts to us could be dramatic. There needs to be a traffic study.

2) Noise impacts: The noise impacts to our community could be substantial. There needs to be a noise study.

3) Building design: The design of the proposed building is objectionable. The request for a 7-story variance is obtrusive and likely will obstruct our view of the McDowell Mountains. An elevation analysis of this last item is needed.

4) Environmental impacts. There needs to be an environmental impact study that addresses emissions, groundwater, project discharges, and any odors.

5) Light pollution: the lighting impacts to our community are substantial and will negatively affect the enjoyment of our homes and community. There needs to be a lighting review and light pollution study.

This proposal as it stands requires a greater analysis by the city and more transparency by the developer. **It should be noted that while our community, Scottsdale Stonebrook II, is the ONLY residential single-family home community affected by this proposal, there is no mention of considerations in the proposal that would speak to the issues above nor have they contacted any community representative.**

Please take another look at what this proposal suggests and how it might negatively impact our community. It deserves more time for review, revision, and studies.

Thank you very much for your consideration.

Sincerely,

Signed Christopher Green

Date October 13, 2020

DEVELOPMENT REVIEW BOARD
REPORT

Meeting Date: October 15, 2020
General Plan Element: *Character and Design*
General Plan Goal: *Foster quality design that enhances Scottsdale as a unique southwestern desert community.*

ACTION

Axon **28-DR-2020**	Request by applicant for approval of a site plan, building elevations and landscape plan for a +/- 400,000 square foot corporate office and manufacturing building on a +/- 60-acre site located at the southeast corner of N. Hayden Road and the Loop 101 highway.

SUMMARY

Staff Recommendation

Approve, subject to the attached stipulations

Key Issues

- Iconic building design
- Illuminated private art elements included in design
- Retains a key employer in Scottsdale and provides room for growth and expansion of event operations

Items for Consideration

- Conformance with Development Review Board Criteria
- Integration of Sensitive Design Principles
- Consistency with Character and Design Element of the Greater Airpark CAP
- No community input received as of the date of this report

BACKGROUND

Location: Southeast corner of Hayden Road and Loop 101

Zoning: Planned Community District (P-C)

Adjacent Uses

North: Loop 101 Freeway
East: Loop 101 Freeway
South: Office/Light Industrial
West: Vacant

Property Owner
Arizona State Land Department

Applicant
Smithgroup
602-265-2200

Architect/Designer
Smithgroup

Engineer
Wood Patel

DEVELOPMENT PROPOSAL

This proposal is consistent with the Zoning Ordinance as well as the Character and Design element of the General Plan, and the Greater Airpark Character Area Plan (GACAP), which designates the site as Employment. The building design is a departure from traditional architecture in the Airpark area, and reflects the desire by the applicant to construct an iconic and unique addition to the area. Development south of Loop 101 is somewhat eclectic and is a good fit for a building that is "out of the norm."

The site plan proposes a combination 5-story office and single-story manufacturing building. Two access points from E. Mayo Boulevard are proposed, one serving as the main entrance to the site, the other a secondary access point for refuse collection, shipping and deliveries. The proposed building presents a unique form and color combination, designed to resemble a "starship" from the movie Star Wars, including an "observation deck" on the north-facing elevation intended to resemble a similar deck in the movie. Concrete tilt panels at the base of the office component, a metal panel exoskeleton and high-performance glazing make up a majority of the building facade. To further resemble a "starship", building design includes an illuminated art feature at the "nose" of the building that will utilize a series of swirling LED light fixtures to resemble a weapon charging. The remainder of the site is devoted primarily to surface parking, landscaping and open space. The proposed landscaping features drought-tolerant and desert-appropriate plant material including many species of native plants.

Development Review Board Criteria

Staff confirms that the development proposal generally meets the applicable Development Review Board Criteria. For a detailed analysis of the Criteria, please see Attachment #14.

STAFF RECOMMENDED ACTION

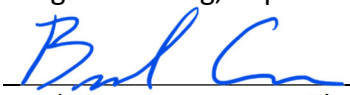
Staff recommends that the Development Review Board approve the Axon proposal per the attached stipulations, finding that the Development Review Board Criteria have been me

RESPONSIBLE DEPARTMENT	STAFF CONTACT
Planning and Development Services Current Planning Services	Greg Bloemberg Senior Planner 480-312-4306 Email: gbloemberg@scottsdaleaz.gov

APPROVED BY

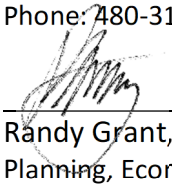
10/5/2020

Greg Bloemberg, Report Author — Date



10/5/2020

Brad Carr, AICP, LEED-AP, Planning & Development Area Manager — Date
Development Review Board Liaison
Phone: 480-312-7713 Email: bcarr@scottsdaleaz.gov



10/8/2020

Randy Grant, Executive Director — Date
Planning, Economic Development, and Tourism
Phone: 480-312-2664 Email: rgrant@scottsdaleaz.gov

ATTACHMENTS

1. Context Aerial
2. Close-up Aerial
3. Site Plan
4. Landscape Plans
5. Open Space Plan
6. Building Elevations
7. Site Cross-Sections
8. Perspectives
9. Materials and Colors Board
10. Private Art Details
11. Lighting Site Plans
12. Exterior Lighting Cutsheets
13. Applicant's Narrative
14. Development Review Board Criteria Analysis
15. Development Information
16. Stipulations / Zoning Ordinance Requirements
17. Public Comment
18. Zoning Map
19. Notification Map

ATTACHMENT 1

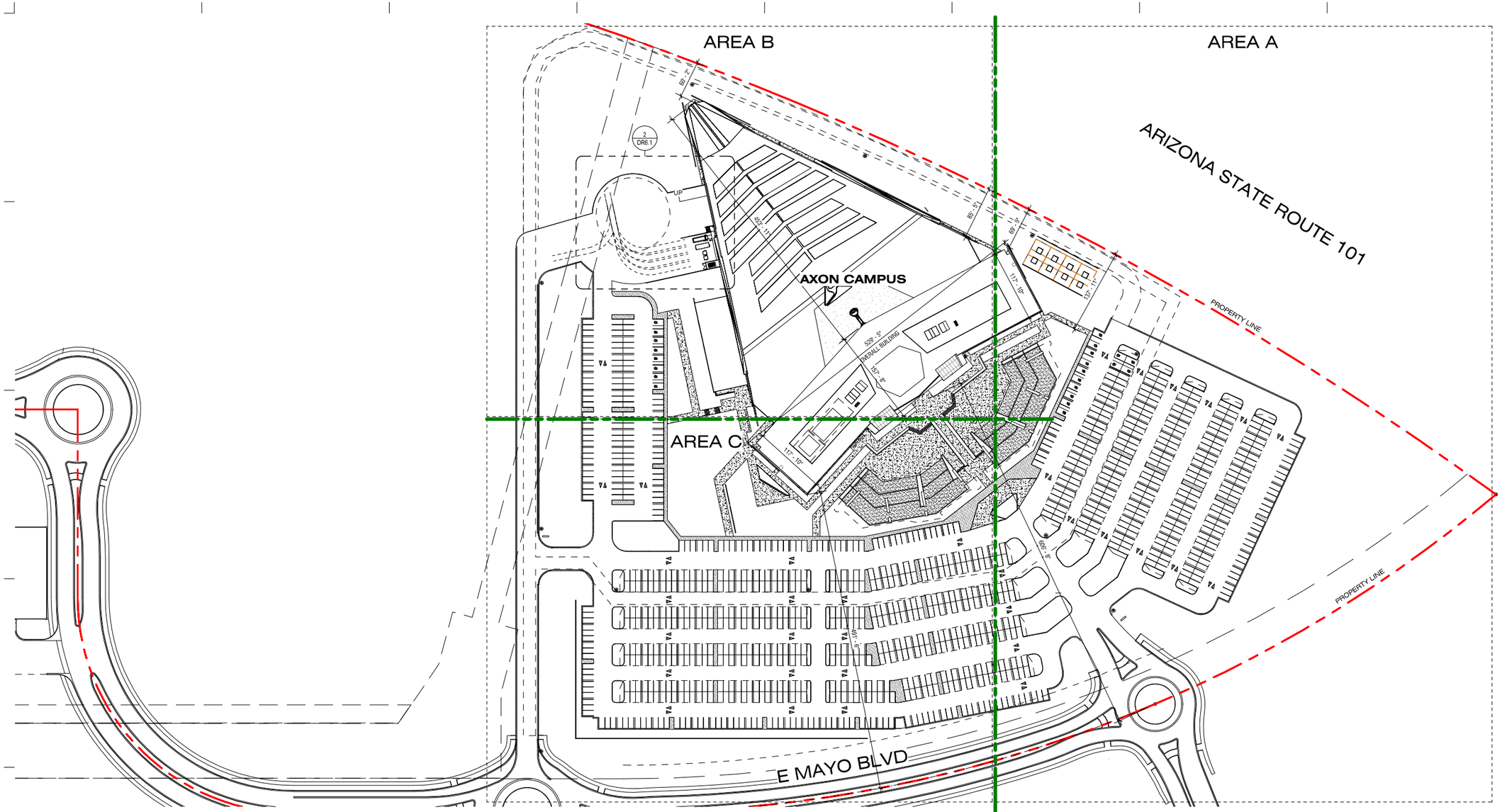
Context Aerial

28-DR-2020

ATTACHMENT 2

Close-up Aerial

28-DR-2020



1 OVERALL SITE PLAN
1" = 80'-0"

0 80' 160' 240'
GRAPHIC SCALE: 1" = 80' - 0"

SITE DATA

PROPERTY DESCRIPTION	LOOP 101 AND HAYDEN BLVD SCOTTSDALE, AZ 85255 LOCATED IN SEC 36, T4N, R4E, MARICOPA COUNTY, ARIZONA.
ZONING DESIGNATION	I-1 INDUSTRIAL PARK
GENERAL PLAN DESIGNATION	COMMERCIAL MIXED USE
EXISTING USE	PCD - VACANT
PROPOSED USE	CORPORATE OFFICE INDUSTRIAL - ASSEMBLY WAREHOUSE
SITE SIZE - GROSS / NET	1,319,868 SQ FT GROSS / 1,144,189 SQ FT NET
BUILDING AREA - GROSS / NET	401,085 SQ FT GROSS / 373,580 SQ FT NET
FLOOR AREA RATIO (FAR)	13.3%
PROPOSED SCREENING	SITE WALLS, BERMS AND PLANTS
OPEN SPACE	615,950 SQ FT , SEE DR1.2

PARKING DATA

OVERALL		
	REQUIRED	**PROVIDED**
CORPORATE OFFICE: 225,740 SF @ 300 SF EA	753	(SEE TOTAL)
INDUSTRIAL - ASSEMBLY: 147,840 SF @ 500 SF EA	296	(SEE TOTAL)
WAREHOUSE: [INC IN INDUSTRIAL]	-	(SEE TOTAL)
TOTAL	**1049**	**1083**
BREAKDOWN OF OVERALL		
	REQUIRED	**PROVIDED**
ACCESSIBLE	21 STANDARD, 4 VAN*	22 STANDARD, 4 VAN*
STANDARD (COVERED)	-	776
STANDARD (UNCOVERED)	-	285
BICYCLE	100	30 (20 EXTERIOR, 10 INTERIOR)

*NOTE: REDUCTION TO 2% MIN WILL BE REQUESTED PER COS ZONING CODE SECTION 9.105.C.2.A

SMITHGROUP
455 NORTH THIRD STREET
SUITE 250
PHOENIX, AZ 85004
602.265.2200
www.smithgroup.com

AXON

NOT FOR CONSTRUCTION

ISSUED FOR	YR	DATE
DESIGN REVIEW	20	11SEP

ATTACHMENT 3

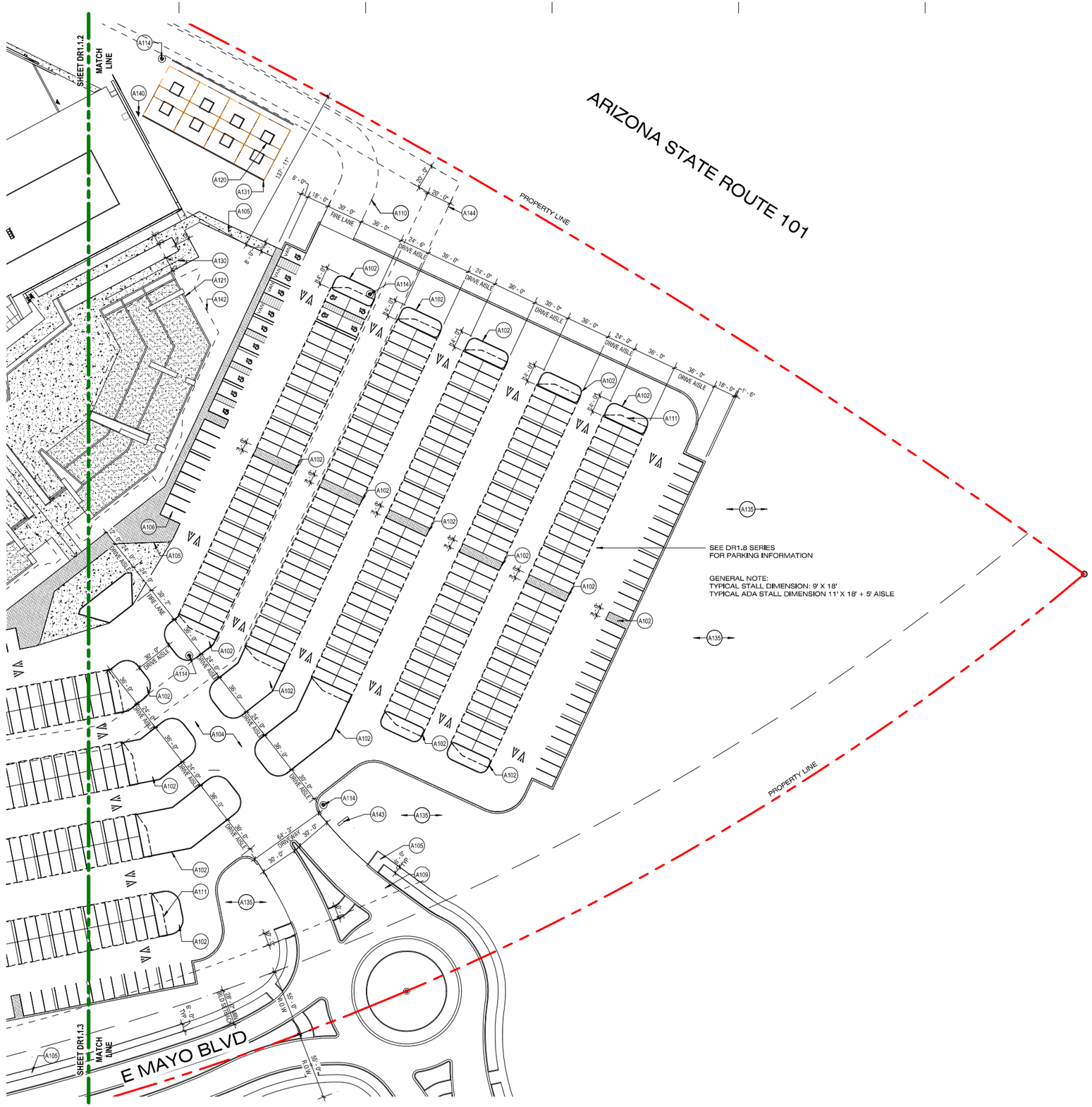
Author
9/10/2020 3:06:23 PM
Plot Date:

22070

DR1.1
SITE PLAN OVERALL

SHEET KEYNOTES

A102	LANDSCAPE PARKING ISLAND
A104	ASPHALT PAVING
A105	SIDEWALK
A106	PARKING SPACE: 9'-0" X 18'-0", TYPICAL
A109	NEW CURB CUT
A110	STABILIZED DECOMPOSED GRANITE FIRE LANE, 24' W TYPICAL
A111	PARKING CANOPY STRUCTURE
A114	FIRE HYDRANT
A120	TRANSFORMER YARD
A121	AMPHITHEATER, REFER TO LANDSCAPE
A130	1:20 SLOPE
A131	SLOPED CONCRETE SITE WALL, + 8' - 0" H AVERAGE
A135	RETENTION BASIN, REFER TO CIVIL
A140	BUILDING EGRESS
A142	FUTURE MULTI TIERED GATHERING SPACE
A143	MONUMENT AND DIRECTIONAL SITE SIGNAGE
A144	UTILITY EASEMENT, REFER TO CIVIL



1 SITE PLAN - AREA A
1" = 40'-0"

0 40' 80' 120'
GRAPHIC SCALE: 1" = 40' - 0"

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AXON

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ISSUED FOR	YR	DATE
DESIGN REVIEW	20	11SEP

Plot Date: 9/10/2020 2:11:09 PM Author

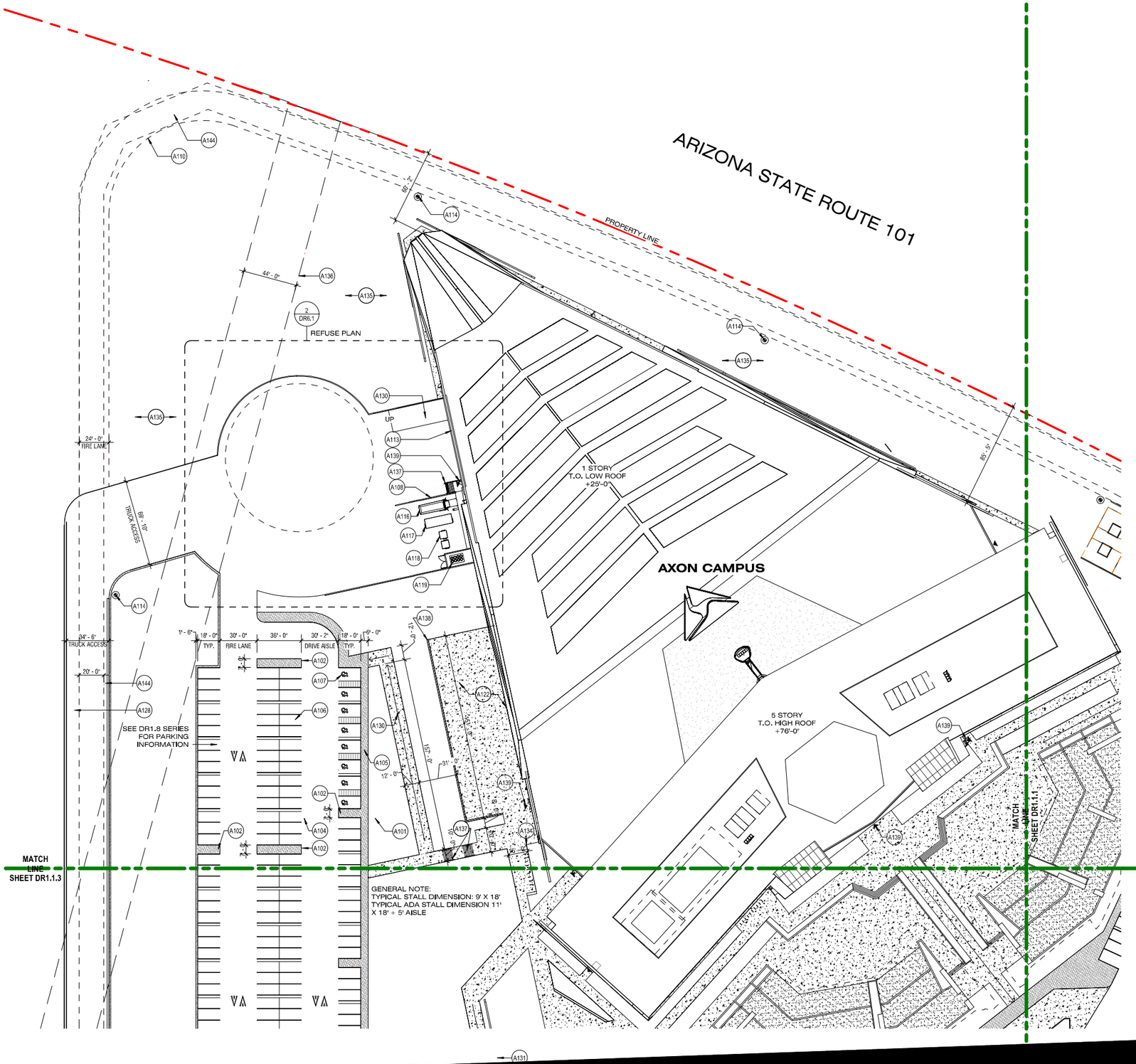
22070

DR1.1.1

SITE PLAN AREA A

SHEET KEYNOTES

A101	LANDSCAPE AREA
A102	LANDSCAPE PARKING ISLAND
A104	ASPHALT PAVING
A105	SIDEWALK
A106	PARKING SPACE: 9'-0" X 18'-0", TYPICAL
A107	ADA PARKING STALL: 11' - 0" X 18' - 0" WITH 5' - 0" ACCESS AISLE
A108	REFUSE ENCLOSURE, 8' - 0" HIGH PAINTED CONCRETE WALL
A110	STABILIZED DECOMPOSED GRANITE FIRE LANE, 24' W TYPICAL
A113	LOADING DOCK AREA
A114	FIRE HYDRANT
A116	40 YARD TRASH COMPACTOR
A117	40 YARD ROLL OFF BIN
A118	8 YARD RECYCLING BIN (2)
A119	55 GALLON DRUM PRODUCT WASTE (8)
A120	TRANSFORMER YARD
A122	COVERED DINING PATIO
A128	TRUCK ACCESS
A130	1:20 SLOPE
A131	SLOPED CONCRETE SITE WALL, + 8' - 0" H AVERAGE
A134	BICYCLE PARKING (10)
A135	RETENTION BASIN, REFER TO CIVIL
A136	EASEMENT AT DRAINAGE CULVERT, REFER TO CIVIL
A137	STAIRS AND HANDRAIL WITH 1'-0" EXTENSION
A138	PAINTED CONCRETE WALL, HEIGHT VARIES
A139	BUILDING ENTRY
A144	UTILITY EASEMENT, REFER TO CIVIL



1 SITE PLAN - AREA B
1" = 40'-0"

0 40' 80' 120'
GRAPHIC SCALE: 1" = 40' - 0"

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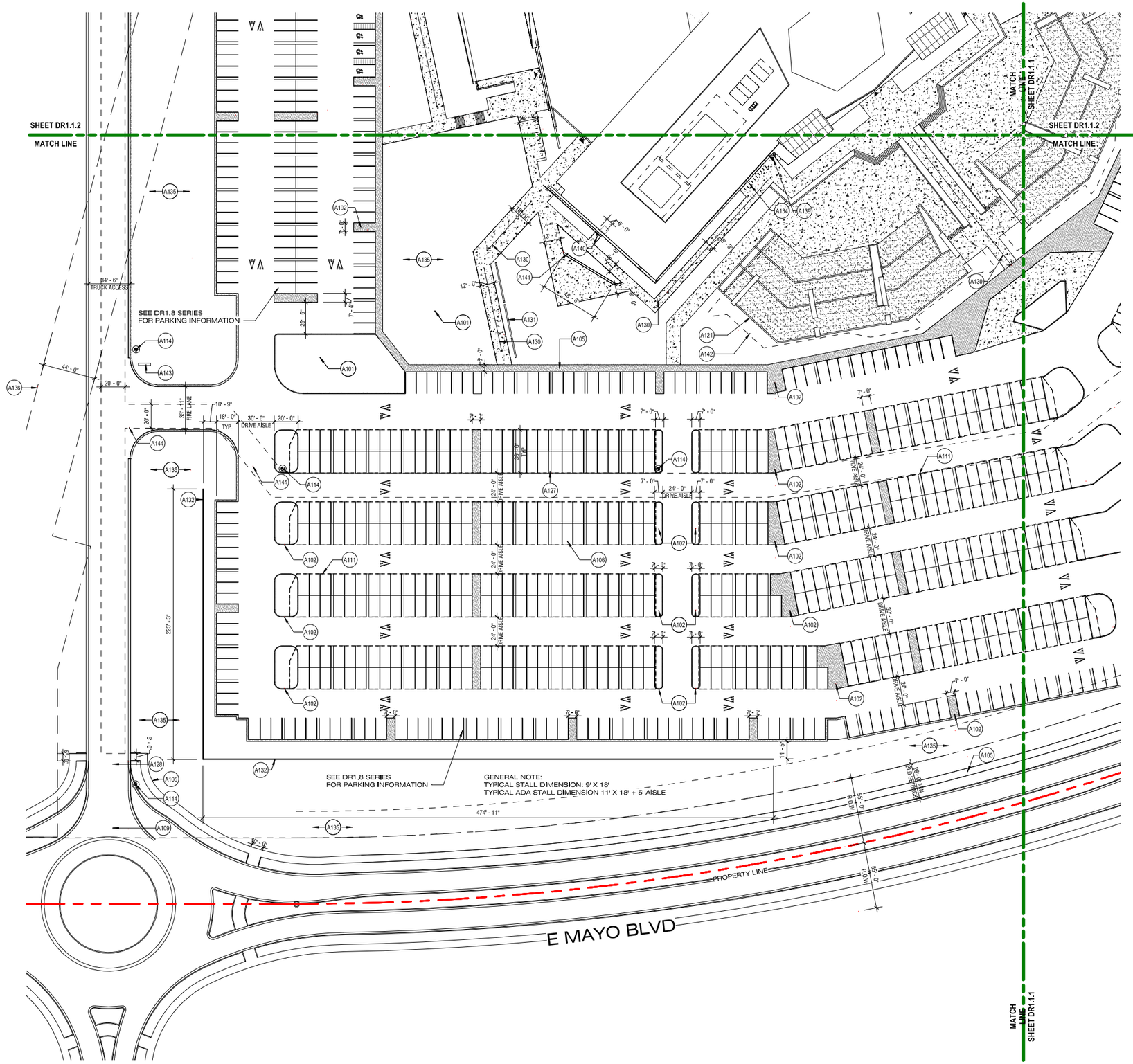
DR1.1.2

SITE PLAN AREA B

SHEET KEYNOTES

A101	LANDSCAPE AREA
A102	LANDSCAPE PARKING ISLAND
A105	SIDEWALK
A106	PARKING SPACE: 9'-0" X 18'-0", TYPICAL
A109	NEW CURB CUT
A111	PARKING CANOPY STRUCTURE
A114	FIRE HYDRANT
A121	AMPHITHEATER, REFER TO LANDSCAPE
A127	2' MIN CLEARANCE FOR PARKING CANOPY STRUCTURE, TYPICAL EVERY (3) PARKING SPACES
A128	TRUCK ACCESS
A130	1:20 SLOPE
A131	SLOPED CONCRETE SITE WALL, + 8' - 0" H AVERAGE
A132	MASONRY SITE WALL +4' - 0" H
A134	BICYCLE PARKING (10)
A135	RETENTION BASIN, REFER TO CIVIL
A136	EASEMENT AT DRAINAGE CULVERT, REFER TO CIVIL
A139	BUILDING ENTRY
A140	BUILDING EGRESS
A141	C.I.P SEAT WALL AND PLANTER
A142	FUTURE MULTI TIERED GATHERING SPACE
A143	MONUMENT AND DIRECTIONAL SITE SIGNAGE
A144	UTILITY EASEMENT, REFER TO CIVIL



1 SITE PLAN – AREA C
1" = 40'-0"

0 40' 80' 120'
GRAPHIC SCALE: 1" = 40' - 0"

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DESIGN REVIEW	20	11SEP

Plot Date: 9/10/2020 2:11:26 PM Author

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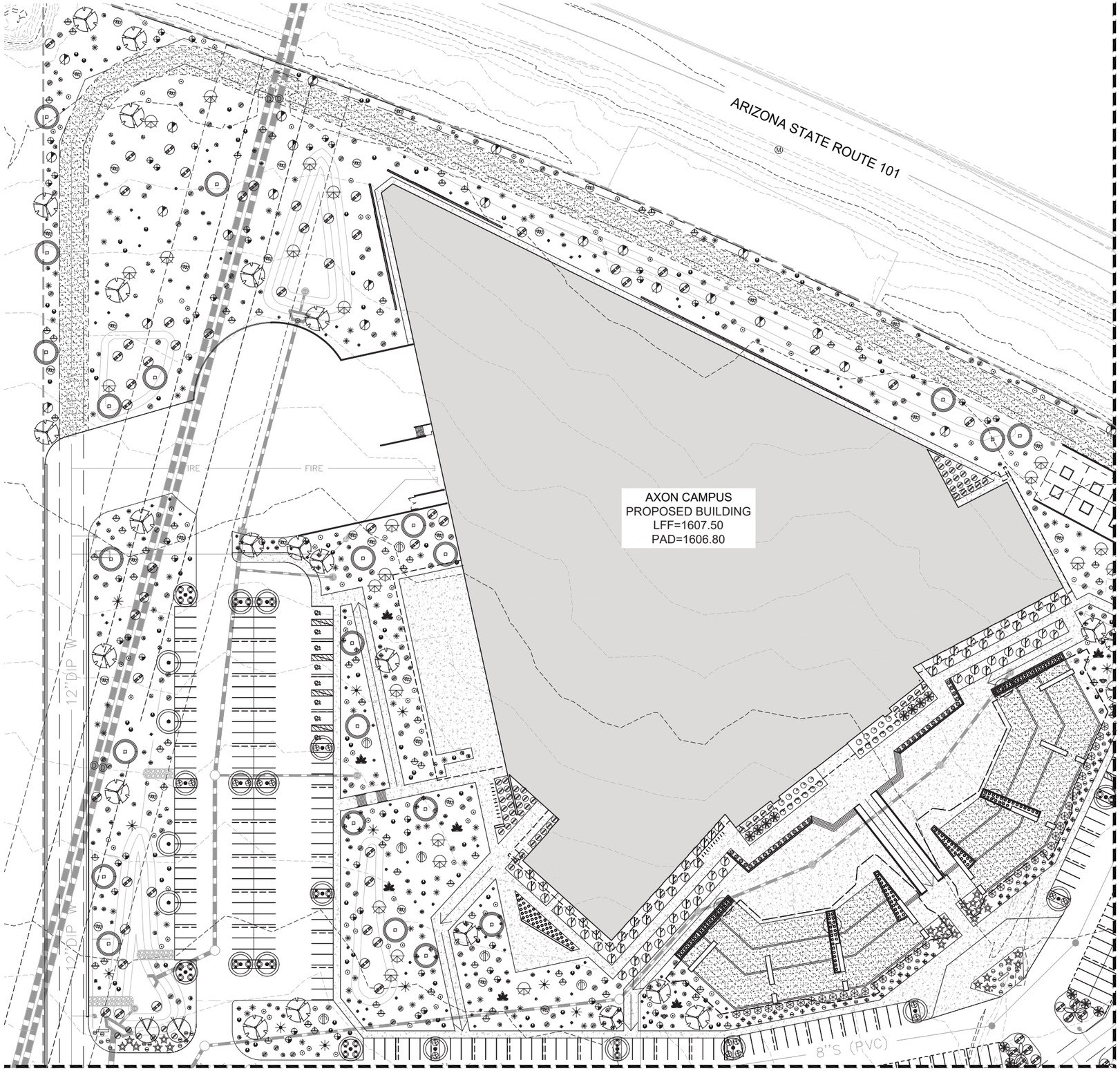
DR1.1.3
SITE PLAN AREA C

ATTACHMENT 4



PLANT LEGEND

SYM.	BOTANICAL NAME (COMMON NAME)	SIZE	MIN. CAL HT & W
	TREES		
	EXISTING TREE TO REMAIN PROTECT-IN-PLACE		VARIES
	ACACIA ANEURA MULGA ACACIA	#25 SINGLE	1.0" CAL. 6'H X 2'W
	OLNEYA TESOTA IRONWOOD	#25 LOW BASE	1.0" CAL. 4'H X 3'W
	PARKINSONIA FLORIDUM BLUE PALO VERDE	#25 LOW BASE	1.0" CAL. 5'H X 3'W
	PHOENIX DACTYLIFERA DATE PALM	20' CLEAR	
	PISTACIA LENTISCUS MASTIC TREE	#25 SINGLE	1.0" CAL. 7'H X 3'W
	PROSOPIS HYBRID THORNLESS THORNLESS MESQUITE	#25 LOW BASE	1.25" CAL. 5'H X 6'W
	SHRUBS		
	ANISACANTHUS THURBERI DESERT HONEYSUCKLE		#5
	CALLIANDRA ERIOPHYLLA FAIRY DUSTER		#5
	ENCELIA FARINOSA BRITTLEBUSH		#5
	ERICAMERIA LARICIFOLIA 'AGUIRRE' TURPENTINE BUSH		#5
	JUSTICIA CALIFORNICA CHUPAROSA		#5
	LARREA TRIDENTATA CREOSOTE		#5
	LEUCOPHYLLUM CANDIDUM 'THUNDER CLOUD' THUNDER CLOUD SAGE		#5
	LEUCOPHYLLUM LANGMANIAE 'RIO BRAVO' RIO BRAVO SAGE		#5
	RUELLIA PENINSULARIS DESERT RUELLIA		#5
	SIMMONDSIA CHINENSIS JOJOBA		#5
	ACCENTS		
	AGAVE AMERICANA CENTURY PLANT		#5
	AGAVE WEBERI WEBER AGAVE		#5
	CARNEGIEA GIGANTEA SAGUARO		SPEAR (8-13')
	CARNEGIEA GIGANTEA SAGUARO		MULTI ARM SPECIMEN 18' MIN. W/3 ARMS
	CARNEGIEA GIGANTEA SAGUARO		LARGE WITH BUTTON 15' MIN.
	CEREUS PERUVIANUS PERUVIAN APPLE CACTUS		#15
	CYLINDROPUNTIA ACANTHOCARPA BUCKHORN CHOLLA		#5
	DASYLIRION WHEELERI DESERT SPOON		#5
	FEROCACTUS WISLIZENI FISHOOK BARREL CACTUS		#5
	FOUQUIERIA SPLENDENS OCOTILLO		24" BOX
	HESPERALOE FUNIFERA GIANT HESPERALOE		#5
	HESPERALOE PARVIFLORA RED RED YUCCA		#5
	MUHLENBERGIA LINDHEIMERI 'AUTUMN GLOW' AUTUMN GLOW MUHLY		#5
	NASSELLA TENUISSIMA MEXICAN FEATHER GRASS		#5
	NOLINA MICROCARPA BEAR GRASS		#5
	OPUNTIA VIOLACEA VAR. SANTA-RITA SANTA RITA PRICKLY PEAR		#5
	PACHYCEREUS MARGINATUS MEXICAN FENCE POST		#15
	YUCCA BACCATA BANANA YUCCA		#5
	GROUNDCOVER		
	ACACIA REDOLENS 'DESERT CARPET' TRAILING ACACIA		#5
	AMBROSIA DELTOIDEA TRIANGLELEAF BURSAGE		#5
	DALEA FRUTESCENS BLACK DALEA		#5
	EUPHORBIA RIGIDA GOPHER PLANT		#5
	LANTANA MONTEVIDENSIS PURPLE TRAILING LANTANA		#5

TOPDRESS / DUST CONTROL LEGEND

- 3"-8" STONE COBBLE - 3" MIN. DEPTH. COLOR: TBD
- 1/2" SCREENED DECOMPOSED GRANITE - 2" MIN. DEPTH. COLOR: TBD. ALL PLANTING AREAS UNLESS OTHERWISE NOTED.
- 1/4" STABILIZED DECOMPOSED GRANITE - 3" MIN. DEPTH. COLOR: TBD

811 Know what's below. Call before you dig.

CALL PRIVATE UTILITY LOCATOR TO LOCATE PRIVATE UTILITIES

NORTH

SCALE: 1:40 (40, 80)

SMITHGROUP
455 NORTH THIRD STREET
SUITE 250
PHOENIX, AZ 85004
602.265.2200
www.smithgroup.com

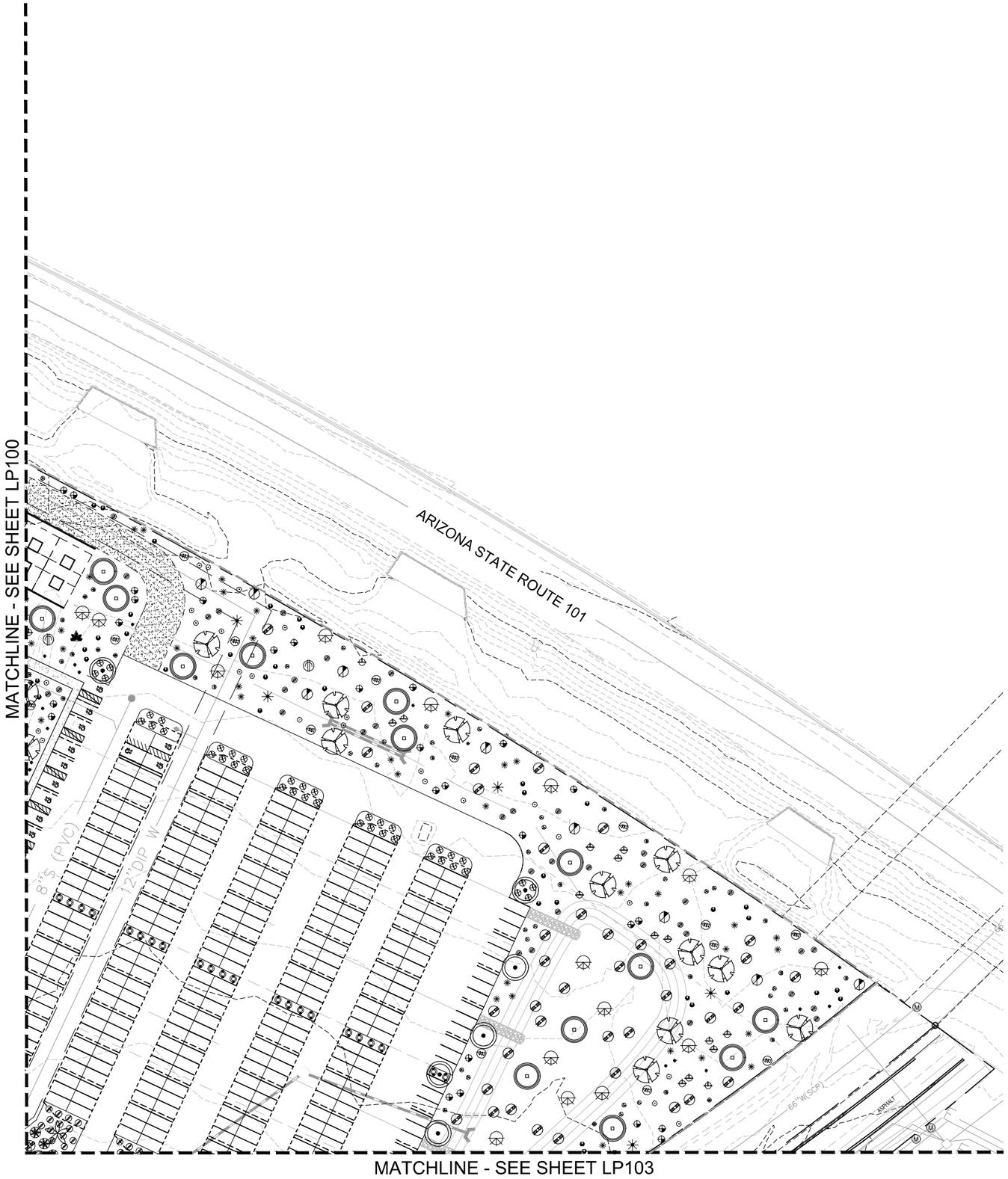
AXON

NOT FOR CONSTRUCTION

ISSUED FOR	YR	DATE
DESIGN REVIEW	20	11SEP

LP100

LANDSCAPE PLAN



PLANT LEGEND

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	DALEA FRUTESCENS BLACK DALEA		#5
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	LANTANA MONTEVIDENSIS PURPLE TRAILING LANTANA		#5

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SCALE: 1:40

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AXON

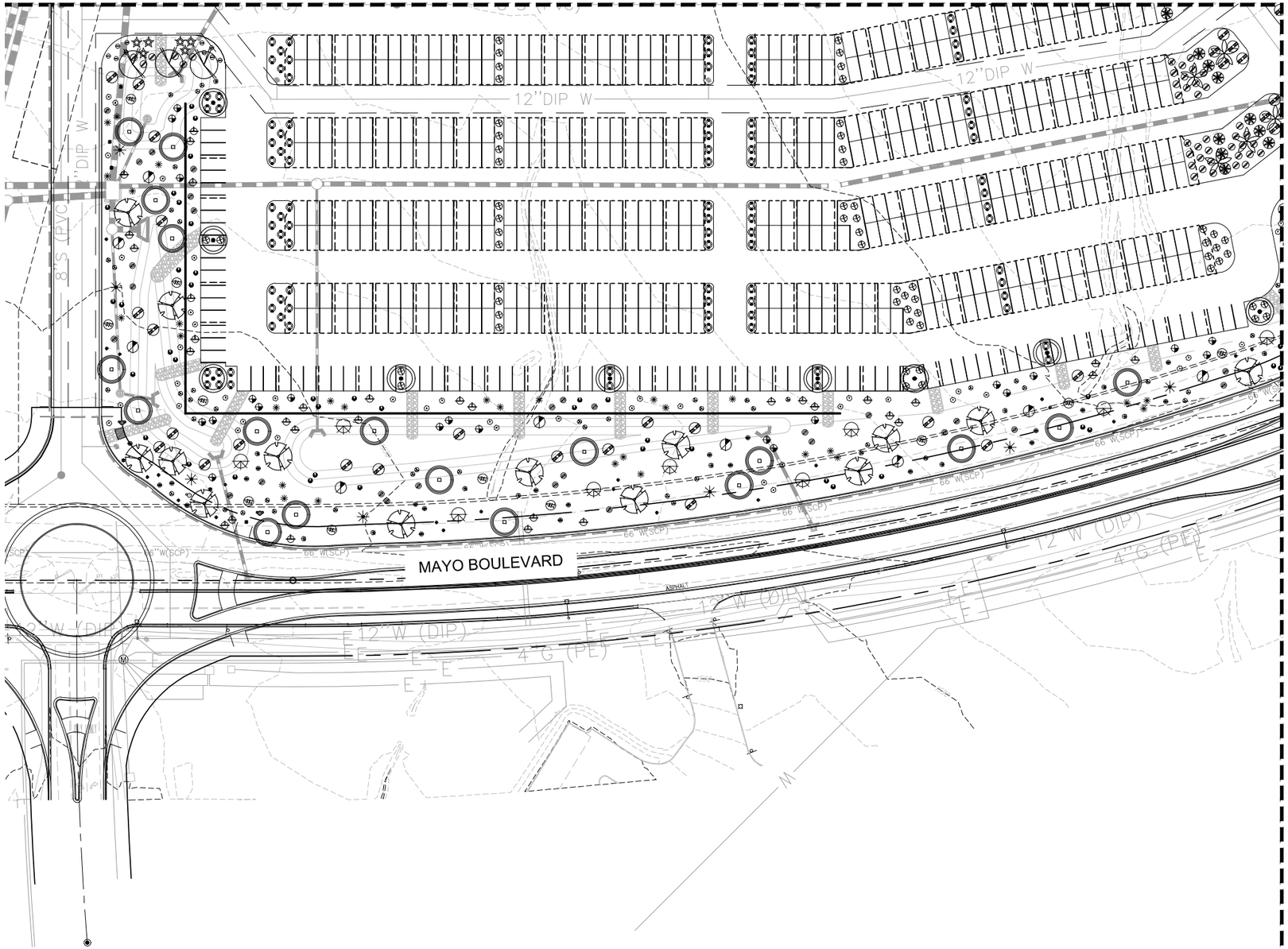
NOT FOR CONSTRUCTION

ISSUED FOR	YR	DATE
DESIGN REVIEW	20	11SEP

LP101

LANDSCAPE PLAN

MATCHLINE - SEE SHEET LP100



MATCHLINE - SEE SHEET LP103

PLANT LEGEND

SYM.	BOTANICAL NAME (COMMON NAME)	SIZE	MIN. CAL HT & W
	TREES		
	EXISTING TREE TO REMAIN PROTECT-IN-PLACE		VARIES
	ACACIA ANEURA MULGA ACACIA	#25 SINGLE	1.0" CAL. 6'H X 2'W
	OLNEYA TESOTA IRONWOOD	#25 LOW BASE	1.0" CAL. 4'H X 3'W
	PARKINSONIA FLORIDUM BLUE PALO VERDE	#25 LOW BASE	1.0" CAL. 5'H X 3'W
	PHOENIX DACTYLIFERA DATE PALM	20' CLEAR	
	PISTACIA LENTISCUS MASTIC TREE	#25 SINGLE	1.0" CAL. 7'H X 3'W
	PROSOPIS HYBRID THORNLESS THORNLESS MESQUITE	#25 LOW BASE	1.25" CAL. 5'H X 6'W
	SHRUBS		
	ANISACANTHUS THURBERI DESERT HONEYSUCKLE	#5	
	CALLIANDRA ERIOPHYLLA FAIRY DUSTER	#5	
	ENCELIA FARINOSA BRITTLEBUSH	#5	
	ERICAMERIA LARICIFOLIA 'AGUIRRE' TURPENTINE BUSH	#5	
	JUSTICIA CALIFORNICA CHUPAROSA	#5	
	LARREA TRIDENTATA CREOSOTE	#5	
	LEUCOPHYLLUM CANDIDUM 'THUNDER CLOUD' THUNDER CLOUD SAGE	#5	
	LEUCOPHYLLUM LANGMANIAE 'RIO BRAVO' RIO BRAVO SAGE	#5	
	RUELLIA PENINSULARIS DESERT RUELLIA	#5	
	SIMMONDSIA CHINENSIS JOJOBA	#5	
	ACCENTS		
	AGAVE AMERICANA CENTURY PLANT	#5	
	AGAVE WEBERI WEBER AGAVE	#5	
	CARNEGIEA GIGANTEA SAGUARO		SPEAR (8-13')
	CARNEGIEA GIGANTEA SAGUARO		MULTI ARM SPECIMEN 18' MIN. W/3 ARMS
	CARNEGIEA GIGANTEA SAGUARO		LARGE WITH BUTTON 15' MIN.
	CEREUS PERUVIANUS PERUVIAN APPLE CACTUS		#15
	CYLINDROPUNTIA ACANTHOCARPA BUCKHORN CHOLLA	#5	
	DASYLIRION WHEELERI DESERT SPOON	#5	
	FEROCACTUS WISLIZENI FISHOOK BARREL CACTUS	#5	
	FOUQUIERIA SPLENDENS OCOTILLO	24" BOX	
	HESPERALOE FUNIFERA GIANT HESPERALOE	#5	
	HESPERALOE PARVIFLORA RED RED YUCCA	#5	
	MUHLENBERGIA LINDHEIMERI 'AUTUMN GLOW' AUTUMN GLOW MUHLY	#5	
	NASSELLA TENUISSIMA MEXICAN FEATHER GRASS	#5	
	NOLINA MICROCARPA BEAR GRASS	#5	
	OPUNTIA VIOLACEA VAR. SANTA-RITA SANTA RITA PRICKLY PEAR	#5	
	PACHYCEREUS MARGINATUS MEXICAN FENCE POST	#15	
	YUCCA BACCATA BANANA YUCCA	#5	
	GROUNDCOVER		
	ACACIA REDOLENS 'DESERT CARPET' TRAILING ACACIA	#5	
	AMBROSIA DELTOIDEA TRIANGLELEAF BURSAGE	#5	
	DALEA FRUTESCENS BLACK DALEA	#5	
	EUPHORBIA RIGIDA GOPHER PLANT	#5	
	LANTANA MONTEVIDENSIS PURPLE TRAILING LANTANA	#5	

TOPDRESS / DUST CONTROL LEGEND

- 3"-8" STONE COBBLE - 3" MIN. DEPTH. COLOR: TBD
- 1/2" SCREENED DECOMPOSED GRANITE - 2" MIN. DEPTH. COLOR: TBD. ALL PLANTING AREAS UNLESS OTHERWISE NOTED.
- 1/4" STABILIZED DECOMPOSED GRANITE - 3" MIN. DEPTH. COLOR: TBD

811 Know what's below. Call before you dig.

CALL PRIVATE UTILITY LOCATOR TO LOCATE PRIVATE UTILITIES

SCALE: 40 80 1:40

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www.smithgroup.com

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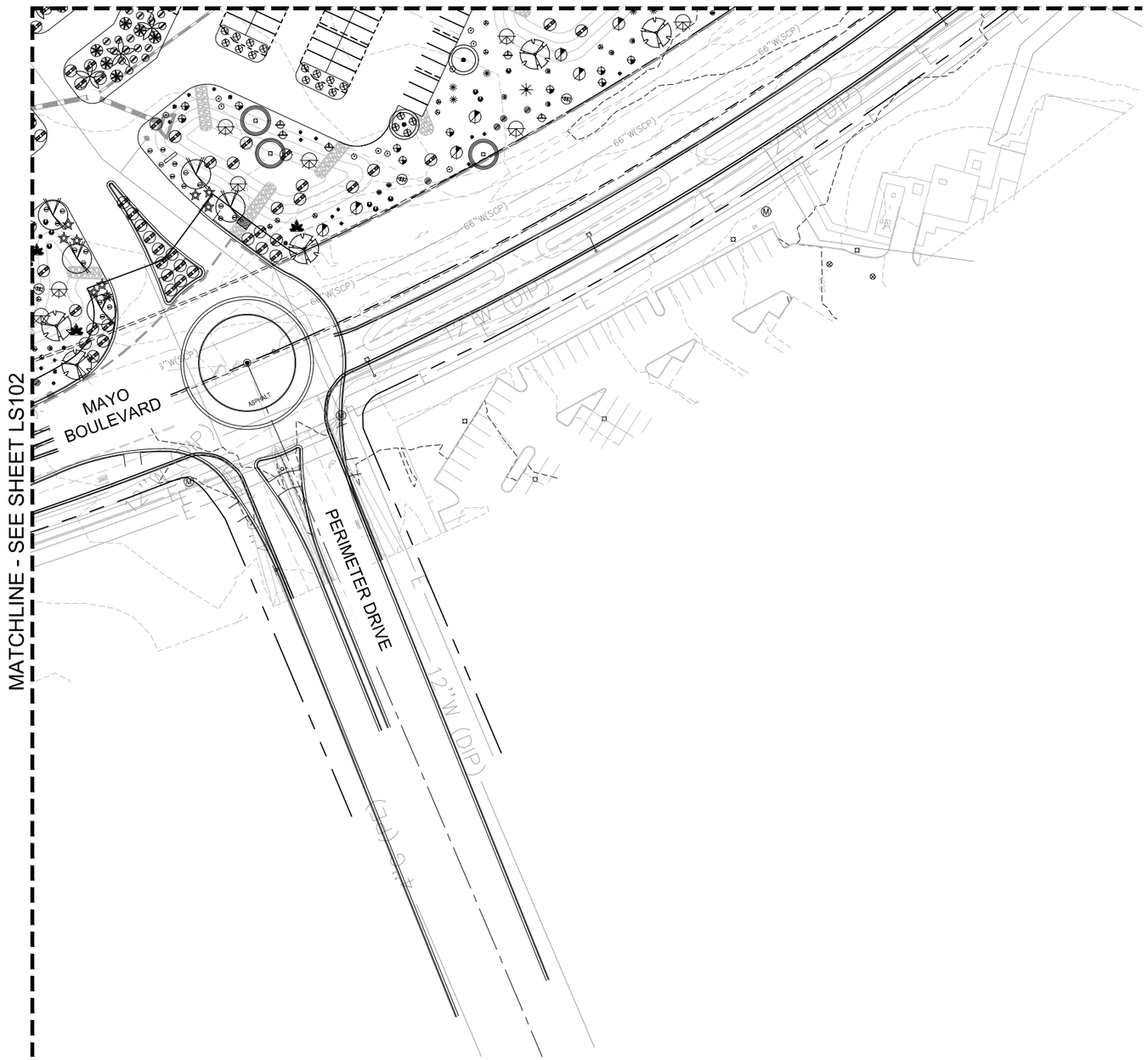
LP102

LANDSCAPE PLAN



PLANT LEGEND

SYM.	BOTANICAL NAME (COMMON NAME)	SIZE	MIN. CAL HT & W
	TREES		
	EXISTING TREE TO REMAIN PROTECT-IN-PLACE		VARIES
	ACACIA ANEURA MULGA ACACIA	#25 SINGLE	1.0" CAL. 6'H X 2'W
	OLNEYA TESOTA IRONWOOD	#25 LOW BASE	1.0" CAL. 4'H X 3'W
	PARKINSONIA FLORIDUM BLUE PALO VERDE	#25 LOW BASE	1.0" CAL. 5'H X 3'W
	PHOENIX DACTYLIFERA DATE PALM	20' CLEAR	
	PISTACIA LENTISCUS MASTIC TREE	#25 SINGLE	1.0" CAL. 7'H X 3'W
	PROSOPIS HYBRID THORNLESS THORNLESS MESQUITE	#25 LOW BASE	1.25" CAL. 5'H X 6'W
	SHRUBS		
	ANISACANTHUS THURBERI DESERT HONEYSUCKLE		#5
	CALLIANDRA ERIOPHYLLA FAIRY DUSTER		#5
	ENCELIA FARINOSA BRITTLEBUSH		#5
	ERICAMERIA LARICIFOLIA 'AGUIRRE' TURPENTINE BUSH		#5
	JUSTICIA CALIFORNICA CHUPAROSA		#5
	LARREA TRIDENTATA CREOSOTE		#5
	LEUCOPHYLLUM CANDIDUM 'THUNDER CLOUD' THUNDER CLOUD SAGE		#5
	LEUCOPHYLLUM LANGMANIAE 'RIO BRAVO' RIO BRAVO SAGE		#5
	RUELLIA PENINSULARIS DESERT RUELLIA		#5
	SIMMONDSIA CHINENSIS JOJOBA		#5
	ACCENTS		
	AGAVE AMERICANA CENTURY PLANT		#5
	AGAVE WEBERI WEBER AGAVE		#5
	CARNEGIEA GIGANTEA SAGUARO		SPEAR (8-13')
	CARNEGIEA GIGANTEA SAGUARO		MULTI ARM SPECIMEN 18' MIN. W/3 ARMS
	CARNEGIEA GIGANTEA SAGUARO		LARGE WITH BUTTON 15' MIN.
	CEREUS PERUVIANUS PERUVIAN APPLE CACTUS		#15
	CYLINDROPUNTIA ACANTHOCARPA BUCKHORN CHOLLA		#5
	DASYLIRION WHEELERI DESERT SPOON		#5
	FEROCACTUS WISLIZENI FISHOOK BARREL CACTUS		#5
	FOUQUIERIA SPLENDENS OCOTILLO		24" BOX
	HESPERALOE FUNIFERA GIANT HESPERALOE		#5
	HESPERALOE PARVIFLORA RED RED YUCCA		#5
	MUHLENBERGIA LINDHEIMERI 'AUTUMN GLOW' AUTUMN GLOW MUHLY		#5
	NASSELLA TENUISSIMA MEXICAN FEATHER GRASS		#5
	NOLINA MICROCARPA BEAR GRASS		#5
	OPUNTIA VIOLACEA VAR. SANTA-RITA SANTA RITA PRICKLY PEAR		#5
	PACHYCEREUS MARGINATUS MEXICAN FENCE POST		#15
	YUCCA BACCATA BANANA YUCCA		#5
	GROUNDCOVER		
	ACACIA REDOLENS 'DESERT CARPET' TRAILING ACACIA		#5
	AMBROSIA DELTOIDEA TRIANGLELEAF BURSAGE		#5
	DALEA FRUTESCENS BLACK DALEA		#5
	EUPHORBIA RIGIDA GOPHER PLANT		#5
	LANTANA MONTEVIDENSIS PURPLE TRAILING LANTANA		#5

TOPDRESS / DUST CONTROL LEGEND

3"-8" STONE COBBLE - 3" MIN. DEPTH. COLOR: TBD

1/2" SCREENED DECOMPOSED GRANITE - 2" MIN. DEPTH. COLOR: TBD. ALL PLANTING AREAS UNLESS OTHERWISE NOTED.

1/4" STABILIZED DECOMPOSED GRANITE - 3" MIN. DEPTH. COLOR: TBD

811 Know what's below. Call before you dig.

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NORTH

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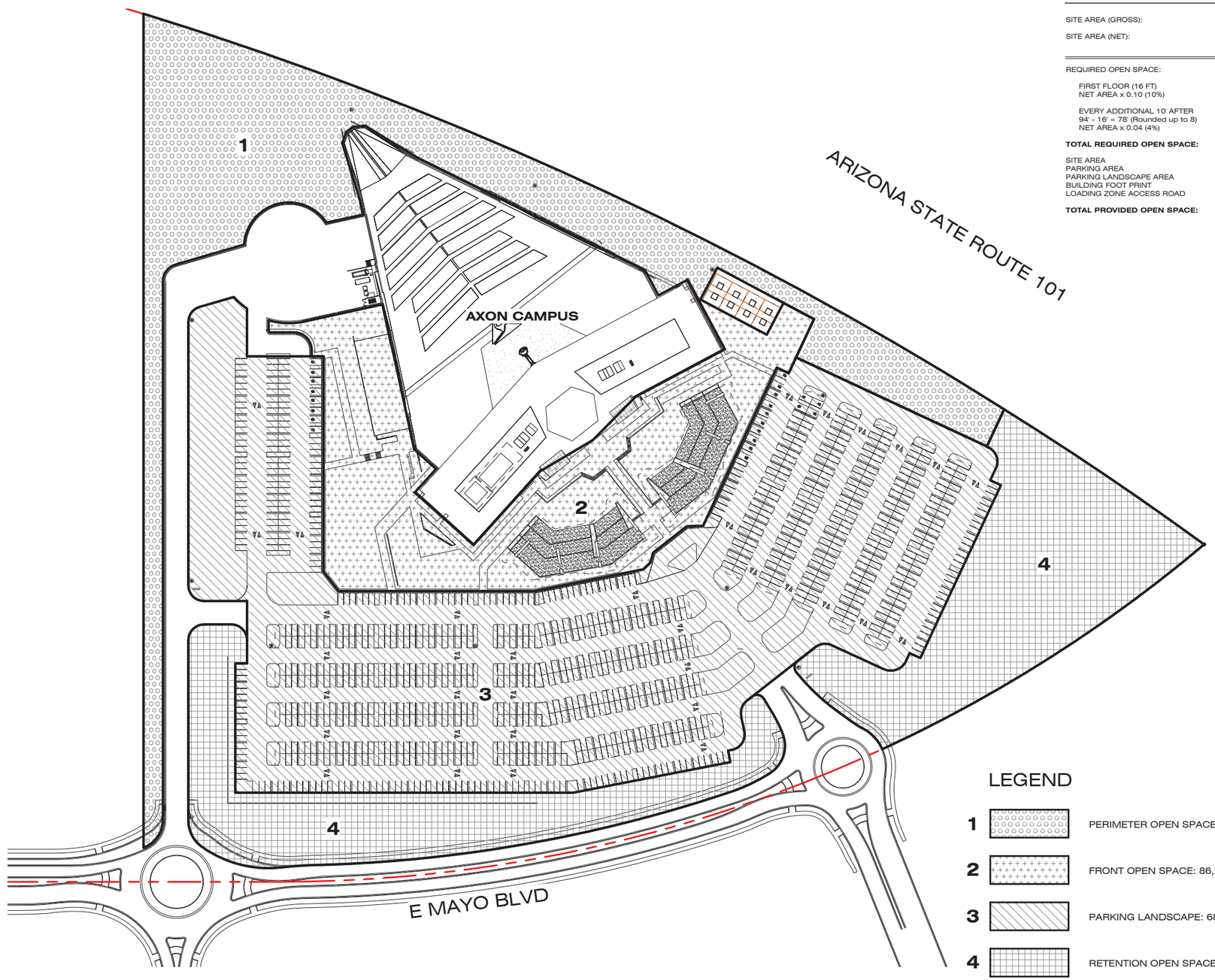
LP103

LANDSCAPE PLAN



OPEN SPACE CALCULATION

SITE AREA (GROSS):	1,319,868 SQ FT (30.3 ACRES)
SITE AREA (NET):	1,144,189 SQ FT (SITE - BUILDING FOOT PRINT)
REQUIRED OPEN SPACE:	
FIRST FLOOR (16 FT) NET AREA x 0.10 (10%)	114,419 SQ FT
EVERY ADDITIONAL 10' AFTER 94' - 16' = 78' (Rounded up to 8) NET AREA x 0.04 (4%)	366,141 SQ FT
TOTAL REQUIRED OPEN SPACE:	**480,559 SQ FT**
SITE AREA	1,320,084 SQ FT
PARKING AREA	-393,030 SQ FT
PARKING LANDSCAPE AREA	-68,789 SQ FT
BUILDING FOOT PRINT	-175,895 SQ FT
LOADING ZONE ACCESS ROAD	-66,420 SQ FT
TOTAL PROVIDED OPEN SPACE:	**615,950 SQ FT**

LEGEND

1	PERIMETER OPEN SPACE: 266,068 SQ FT
2	FRONT OPEN SPACE: 86,241 SQ FT
3	PARKING LANDSCAPE: 68,789 SQ FT
4	RETENTION OPEN SPACE: 194,852 SQ FT

1 OPEN SPACE PLAN
1" = 80'-0"

0 80' 160' 240'
GRAPHIC SCALE: 1" = 80' - 0"

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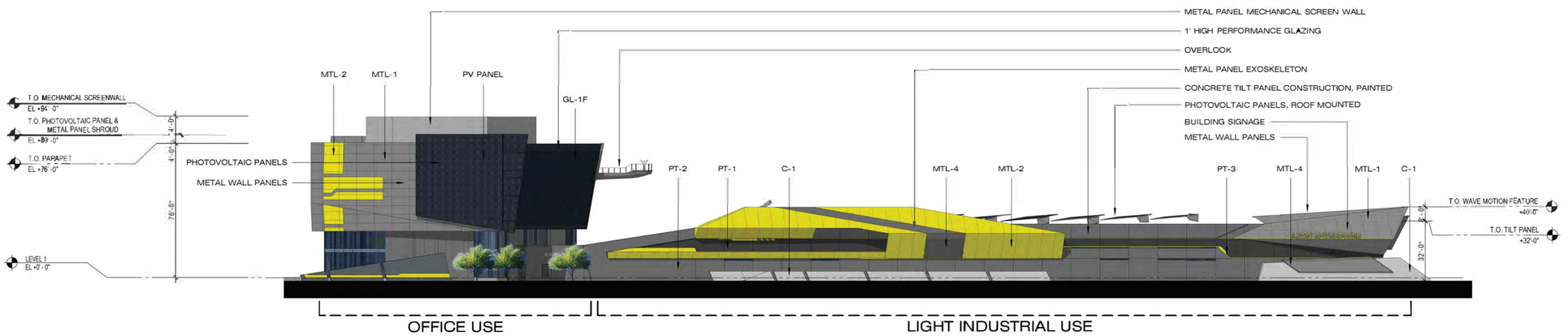
DR1.2

OPEN SPACE PLAN

NOTE: REFER TO MATERIAL BOARD FOR MATERIAL AND FINISH INFORMATION

1 NORTH ELEVATION
1/32" = 1'-0"

NOTE: REFER TO MATERIAL BOARD FOR MATERIAL AND FINISH INFORMATION



2 EAST ELEVATION
1/32" = 1'-0"

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EXTERIOR ELEVATIONS

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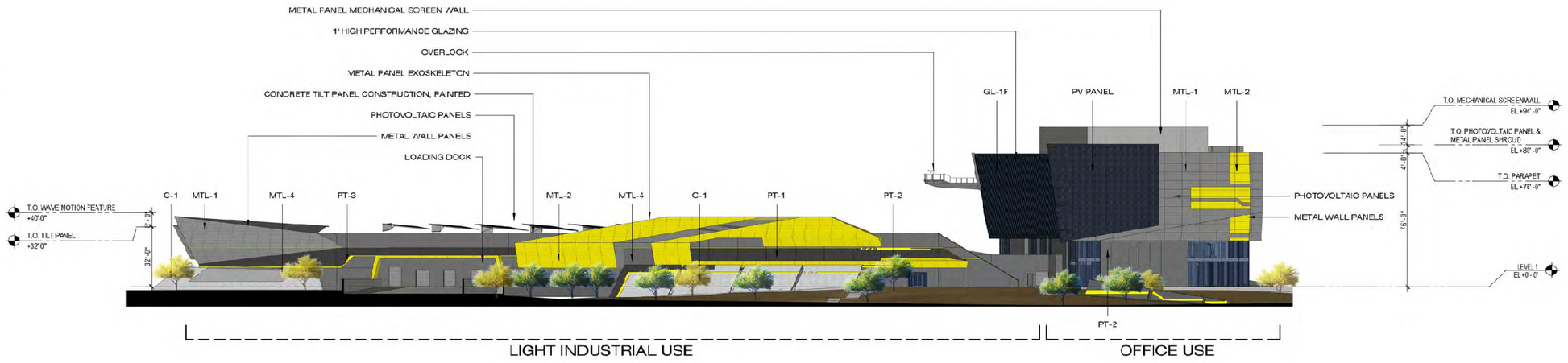
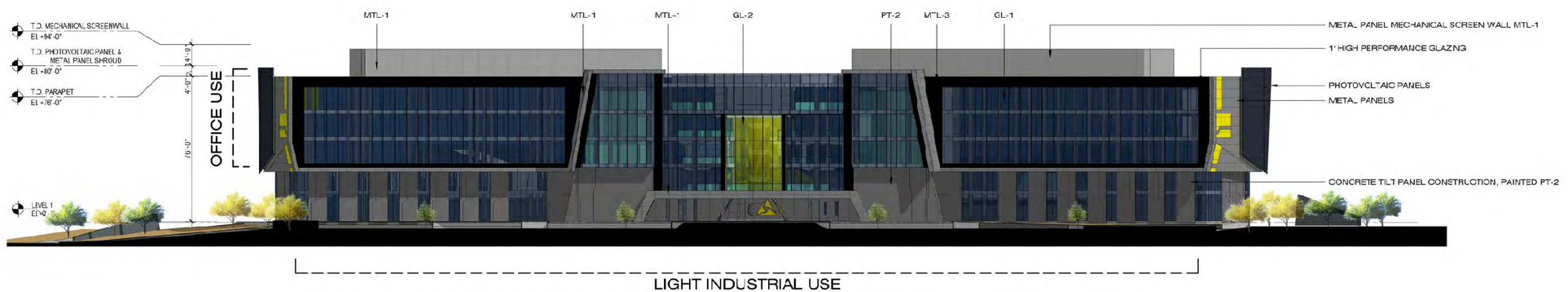
NOTE: REFER TO MATERIAL BOARD FOR MATERIAL AND FINISH INFORMATION



1 | WEST ELEVATION
1/32" = 1'-0"

NOTE: REFER TO MATERIAL BOARD FOR MATERIAL AND FINISH INFORMATION



2 | SOUTH ELEVATION
1/32" = 1'-0"

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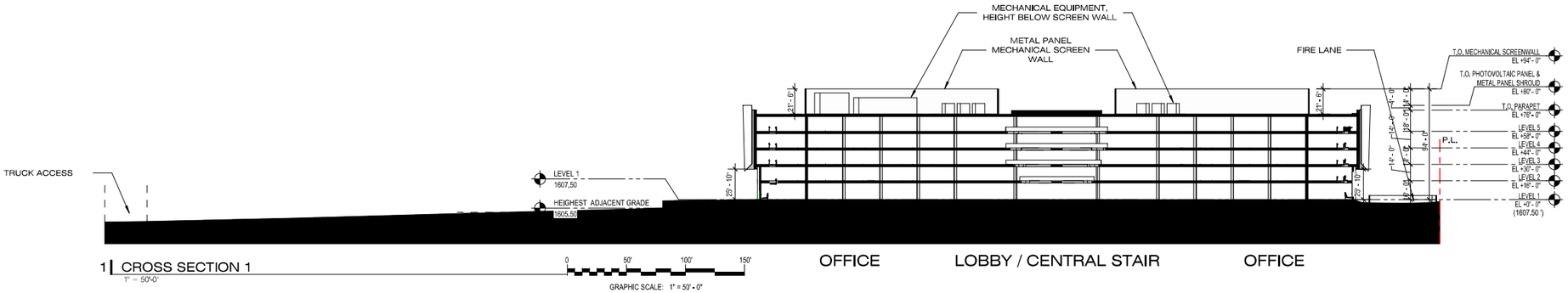
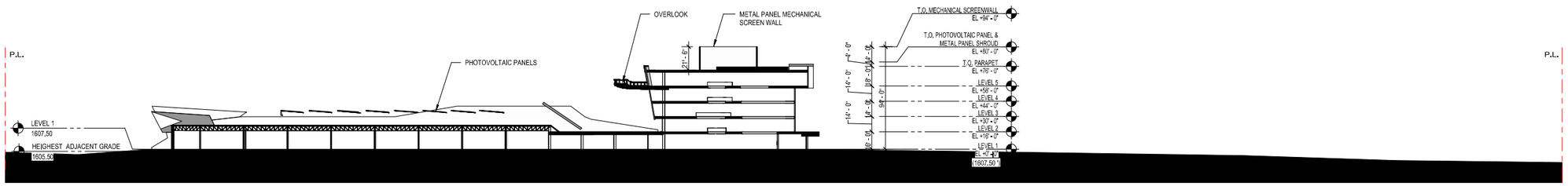
ATTACHMENT 7



1 CROSS SECTION 1
1" = 50'-0"



2 CROSS SECTION 2
1" = 50'-0"

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SITE CROSS SECTIONS

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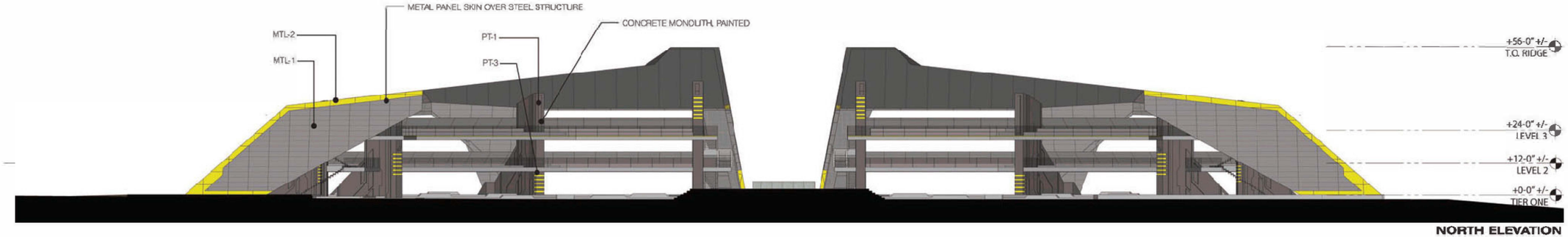
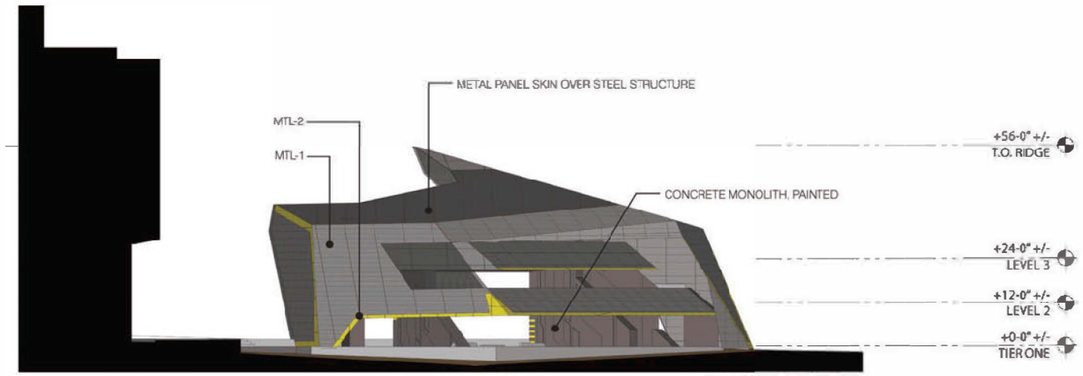


NORTH ELEVATION



WEST ELEVATION

SENATE CONCEPTUAL ELEVATIONS

THERE IS A DESIRE AS AXON AND THE CAMPUS GROWS TO HAVE A SPACE THAT CAN FACILITATE LARGE SOCIAL EVENTS, PRESENTATIONS, STAFF EVENTS AND CELEBRATIONS. THE SENATE IS CONCEIVED AS A MULTI-TIER FUTURSITC FORM THAT CAN BE BUILT IN PHASES TO ACCOMMODATE THESE FUNCTION DURING AXON'S GROWTH.

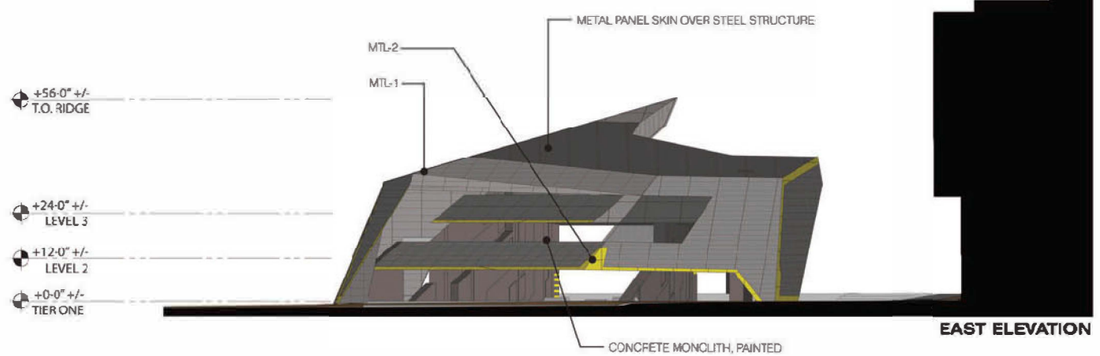
MTL-1
KOVABOND ACM METAL PANEL
METALLIC GREY

MTL-2
KOVABOND ACM METAL PANEL
AXON YELLOW

PT-1
SHERWIN WILLIAMS 7068
GRIZZLE GRAY

PT-3
CUSTOM
AXON YELLOW

REFERENCE MATERIAL BOARDS FOR ACTUAL MATERIAL SAMPLES



EAST ELEVATION

SOUTH ELEVATION

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ATTACHMENT 8

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CONCEPTUAL AMPHITHEATRE DESIGN

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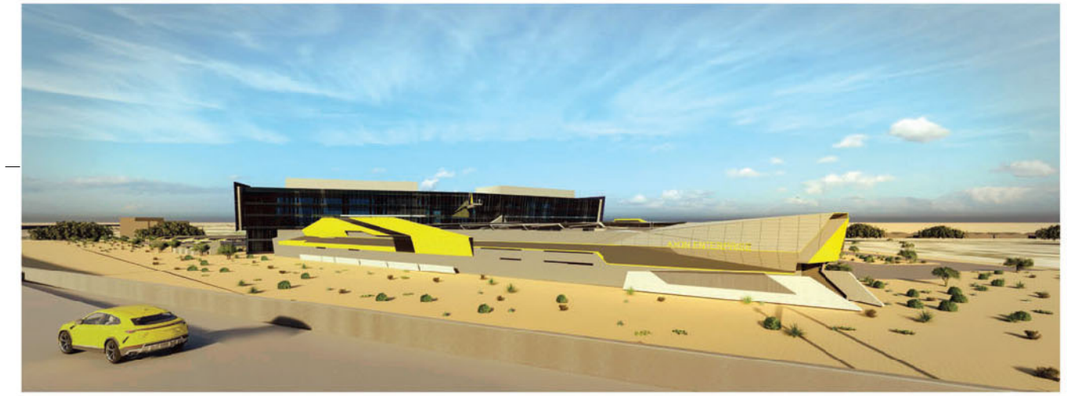
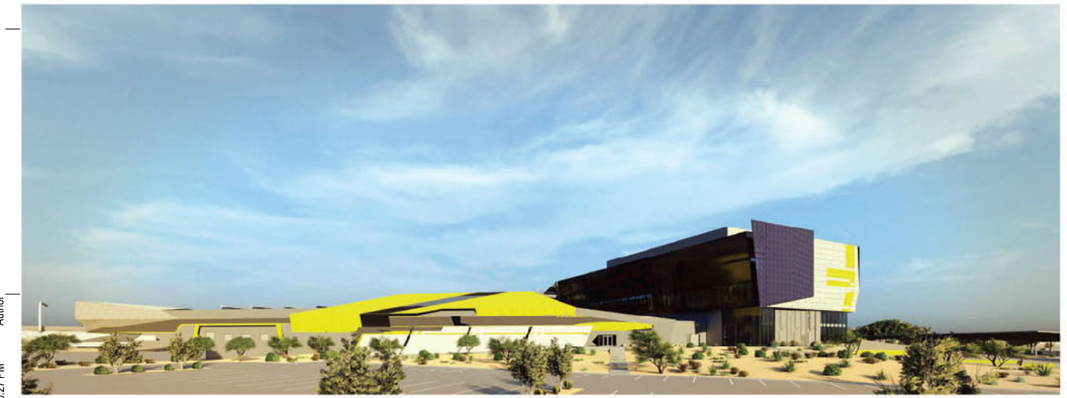


NORTHEAST PERSPECTIVE (VIEW FROM 101 FREEWAY)

SOUTHEAST PERSPECTIVE

SOUTH PERSPECTIVE

SOUTHWEST PERSPECTIVE



WEST PERSPECTIVE

NORTHWEST PERSPECTIVE

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BUILDING PERSPECTIVES

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AXON

PHASE: BASE

PHASE 2

PHASE 3

PHASE 4

SENATE CONCEPTUAL PHASING

THE SENATE CONCEPT ALLOWS PHASED GROWTH TO RESPOND TO THE AXON CAMPUS' NEEDS. THE FIRST PHASE: **BASE** IS THE TIERED, LANDSCAPED PLAZA IN THE INITIAL BUILD. THIS PLAZA MAY INCORPORATE THE INITIAL CONCRETE MONOLITHS, **PHASE 2** THAT COULD HAVE TENSILE SHADE FABRIC STRETCHED BETWEEN THEM (**PHASE 3**)TO CREATE A SERIES OF SHADED OUTDOOR SPACES FOR STAFF AND EVENTS. THE NEXT PHASE, **PHASE 4**, COULD ENTAIL THE ADDITION OF A SECOND LEVEL STRUCTURE TO ACCOMMODATE INCREASED CAPACITY, AND ULTIMATELY THE FULL FUTURISTIC FORM CLAD IN METAL PANEL TO MATCH THE FIRST BUILDING WOULD BE THE **FINAL PHASE**.

PHASE: FINAL

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CONCEPTUAL AMPHITHEATR
DESIGN

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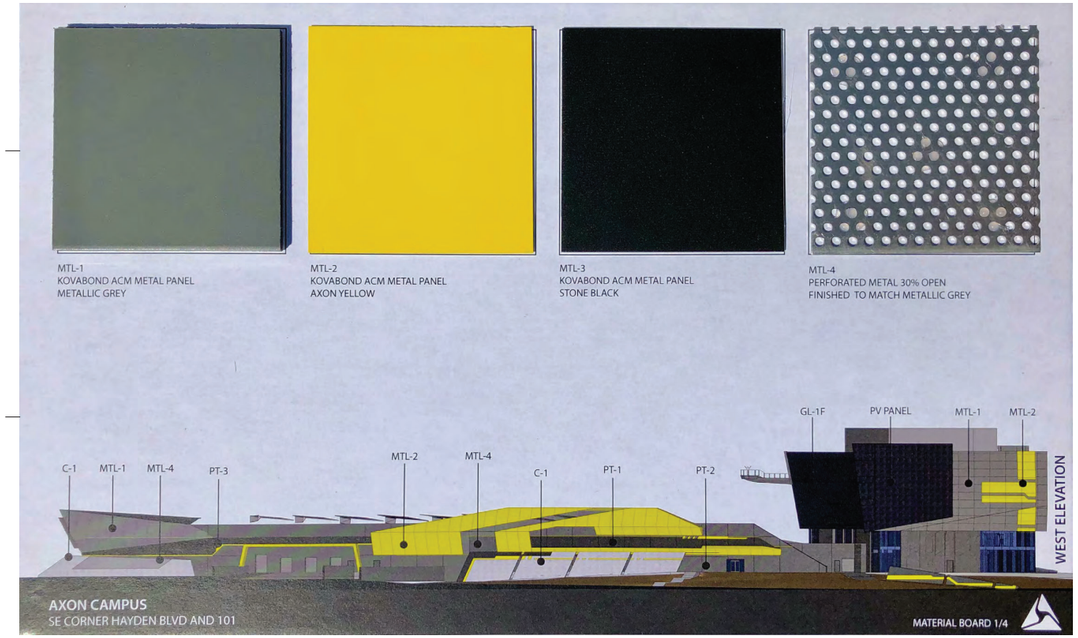
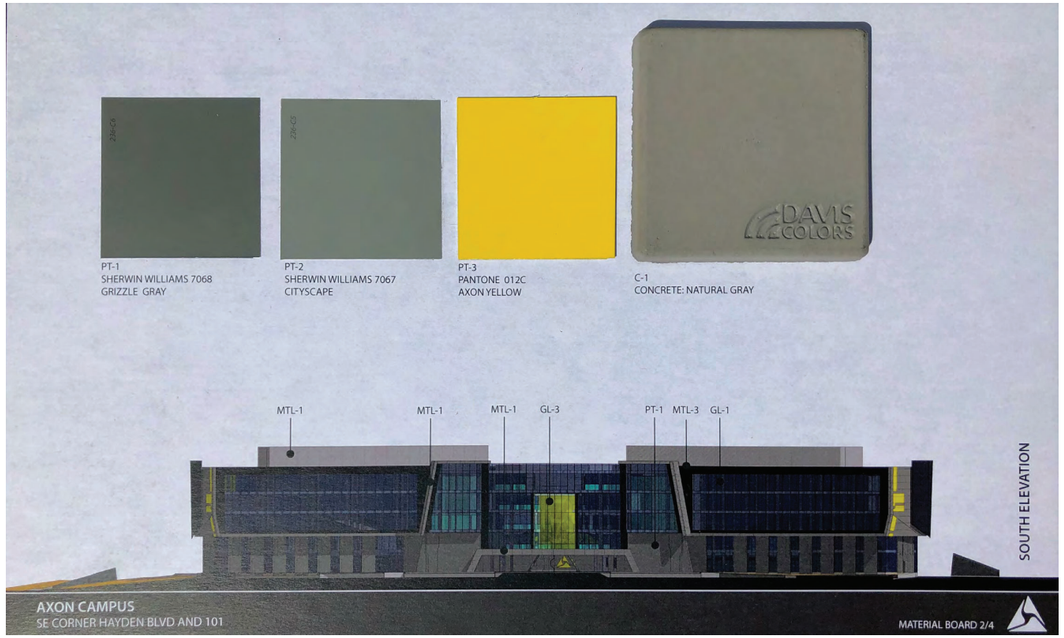
ATTACHMENT 9





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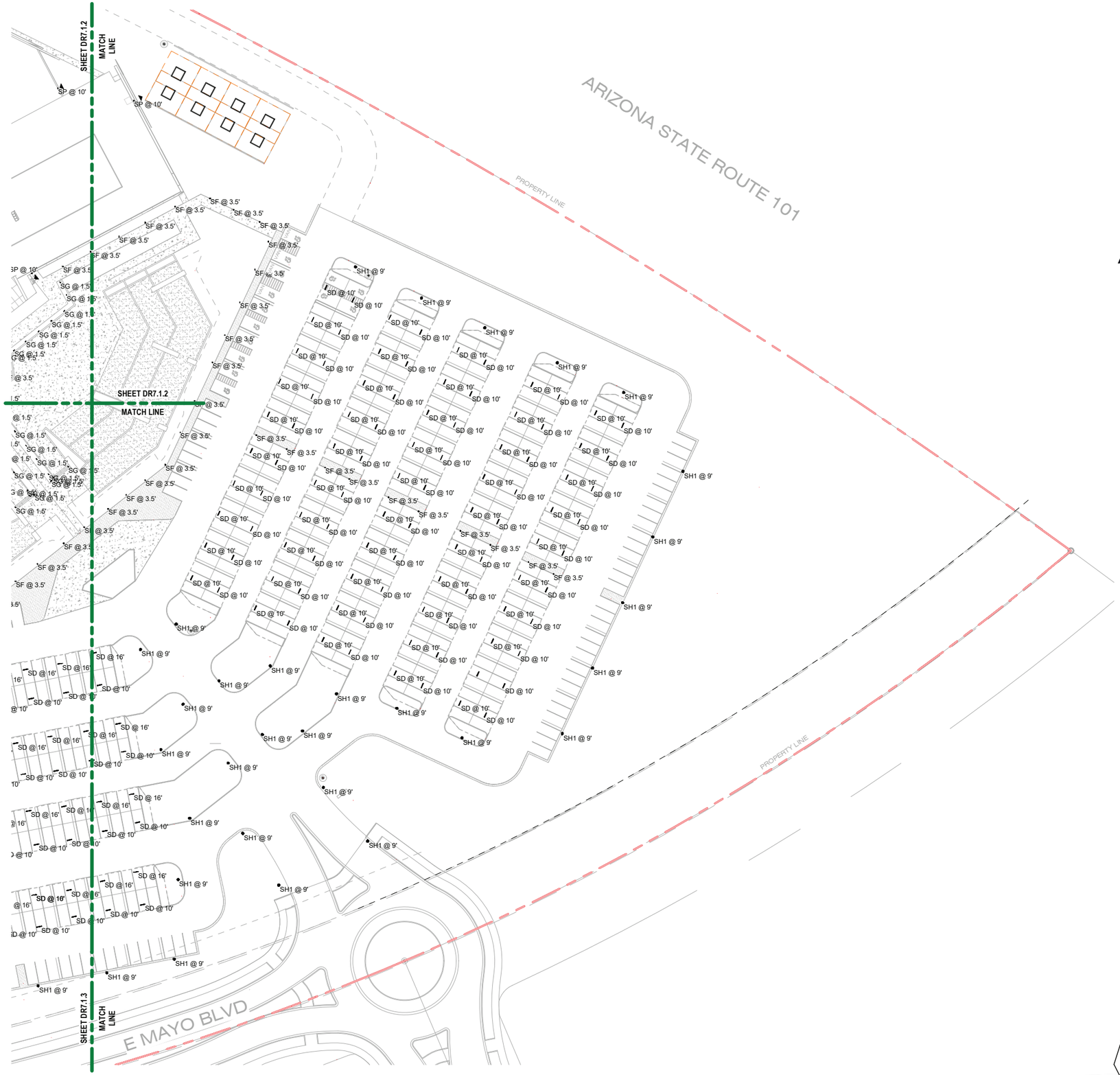
DR4.1.0

MATERIAL BOARDS

SHEET NOTES

A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.

B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION



1 SITE LIGHTING PLAN A
1" = 40'-0"

0 40' 80' 120'
GRAPHIC SCALE: 1" = 40' - 0"

N

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ATTACHMENT 10

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DR7.1.1

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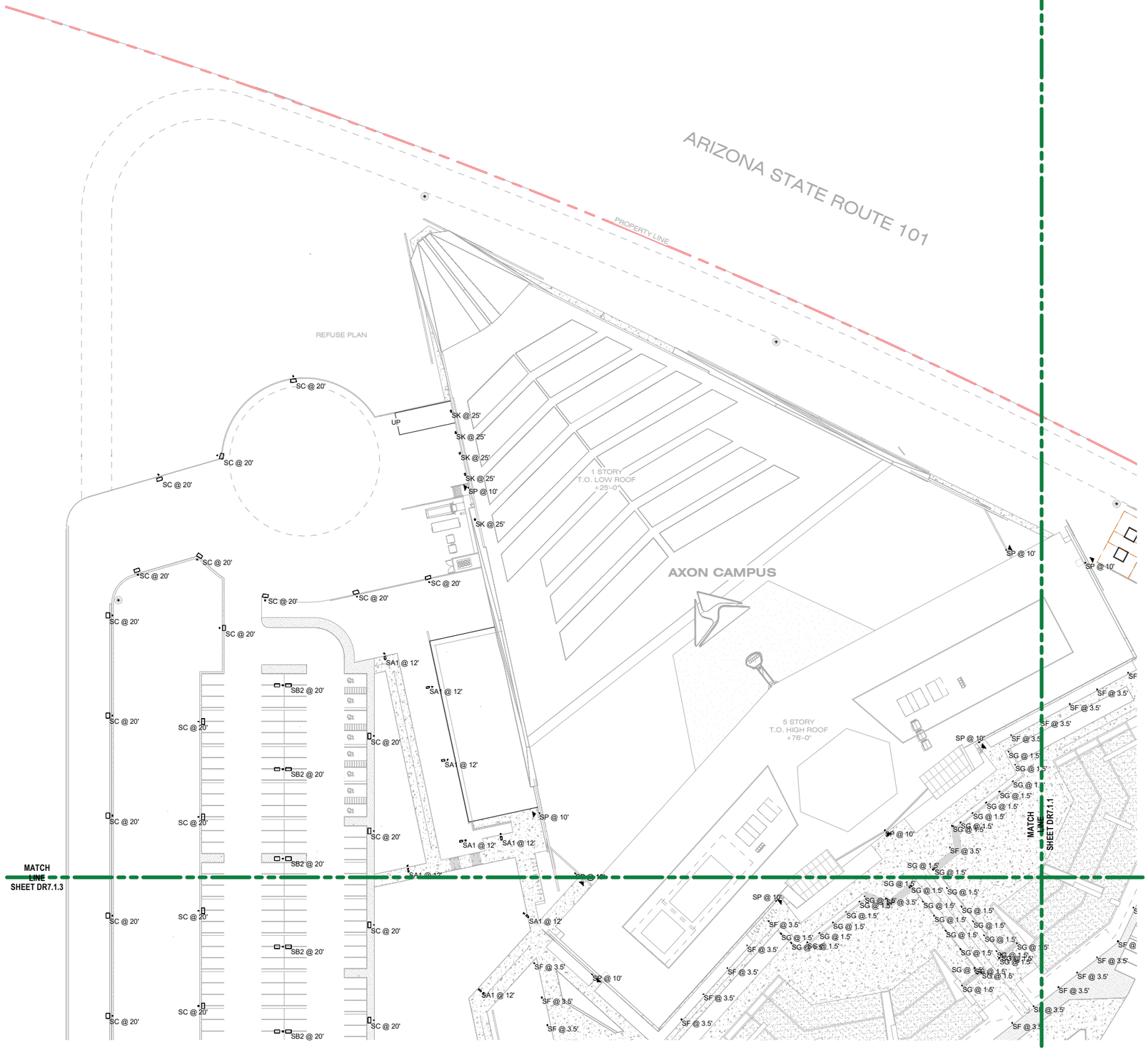
SITE LIGHTING PLAN A

SHEET NOTES

A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.

B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION



1 SITE LIGHTING PLAN B
1" = 40'-0"

0 40' 80' 120'
GRAPHIC SCALE: 1" = 40' - 0"

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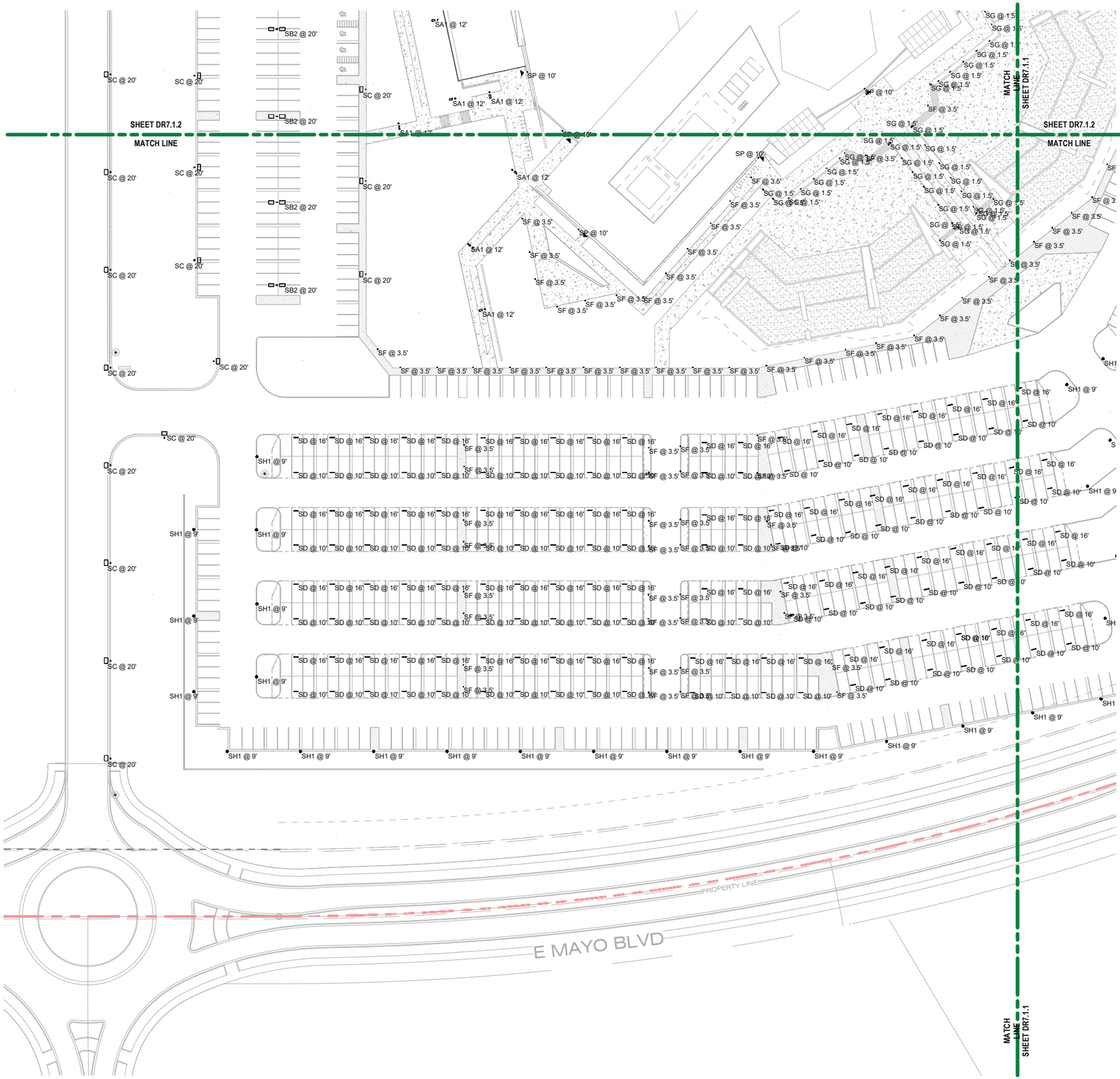
SITE LIGHTING PLAN B

SHEET NOTES

A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.

B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION



1 SITE LIGHTING PLAN C
1" = 40'-0"

0 40' 80' 120'
GRAPHIC SCALE: 1" = 40' - 0"

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SITE LIGHTING PLAN C

SHEET NOTES

A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.

B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION

Schedule

Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Filename	Lumens per Lamp	LLF	Wattage
	SA1	9	SELUX Corporation	AV4-R3W-SA-0□-L1-0 40-(POWER CORD LENGTH)-(FINISH)-(VOLTAGE) / SSS 12'-0" ON 3" CONCRETE BASE	Avanza 450 w/ 0□ Tilt	LED	AV4-S1-0□-L105-R3W-30-120.ies	3565	0.91	56
	SB2	5	SELUX Corporation	(2) AV6-R5-L2-0□-L105-40-(POWER CORD LENGTH)-(FINISH)-(VOLTAGE) / SSS 17.5' W/2.5' BASE	Twin-head Avanza 600 Typ V w/ 0□ Tilt	LED	AV6-S1-0□-L105-R5-30--120.IES	6450	0.91	214
	SC	29	SELUX Corporation	AV6-R3W-L1-0□-L105-40-(POWER CORD LENGTH)-(FINISH)-(VOLTAGE) / SSS 17.5' W/2.5' BASE	Avanza 600 w/ 0□ Tilt	LED	AV6-S1-0□-L105-R3W-30-120.ies	6418	0.91	107
	SD	266	AXIS LIGHTING	WBSLED 750 80 40 S 4' (FINISH) UNV DP 1 SC	AXIS LIGHTING WET BEAM DIRECT LED LUMINAIRE WITH WHITE REFLECTOR AND WHITE TRANSLUCENT LENS	LED	WBSLED-750-80-35-S.ies	2975	0.91	33
	SF	95	SELUX Corporation	IBL-3.5-2Q90-40-(FINISH)-(VOLTAGE)	Cast gray aluminum housing, clear plastic enclosure	LED	IBL-X-2Q90-30-XX-120--DS.ies	1083	0.91	14.12
	SG	36	COLE LIGHTING	L612W-(FINISH)-4K	3-3/4"L. X 14"W. X 4"H. LED STEPLIGHT 8 MODULES WITH 3 4000K LEDS WITH CLEAR TEMPERED GLASS LENS	LED	L612_L12125007.IES	147	0.91	8.88
	SH1	48	SELUX Corporation	MEXRL-R3-5G530-40-(FINISH)-UNV / SSS 9'-0" ON 3" CONCRETE BASE	MODULAR EXELIA LED. TYPE 3	LED	EXRL-X-R3-5G530-30-XX-UNV.ies	4686	0.91	50
	SK	5	SELUX Corporation	AV6-R3W-SW-0□-L105-40-(POWER CORD LENGTH)-(FINISH)-(VOLTAGE)	Wall mount Avanza 600 w/ 0□ Tilt	LED	AV6-S1-0□-L105-R3W-30-120.ies	6418	0.91	107
	SP	10	BEGA	33361-K4 (FINISH)	WALL MOUNT	LED	33361_BEGA_IES.ies	1726	0.91	19.5
	SR	ACCENT LIGHTING	KELVIX	SW3 (LENGTH) 40K (BENDING) (FEED POINT) (FEED LENGTH) - USING A MODIFIED FIXTURE OF 580nm	LED NEON RIBBON LIGHT	LED	Signwave 3 - 4000K - 1 meter.IES	480	0.91	12
	SS	ACCENT LIGHTING	Aculux	AX2SQ A G2 15LM 40K 80CRI 35D ZT MVOLT + 2SQAPIN BD (FLANGE STYLE/FINISH) WET	2" SQUARE ADJUSTABLE ACULUX 18W LED, FLOOD OPTIC	LED	AX2SQ_A_G2_15LM_30K_80CRI_35D_FPC_120_+_2SQAPIN_BD_WET.ies	947	0.91	17.29

SMITHGROUP
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SUITE 250
PHOENIX, AZ 85004
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DR7.1.4

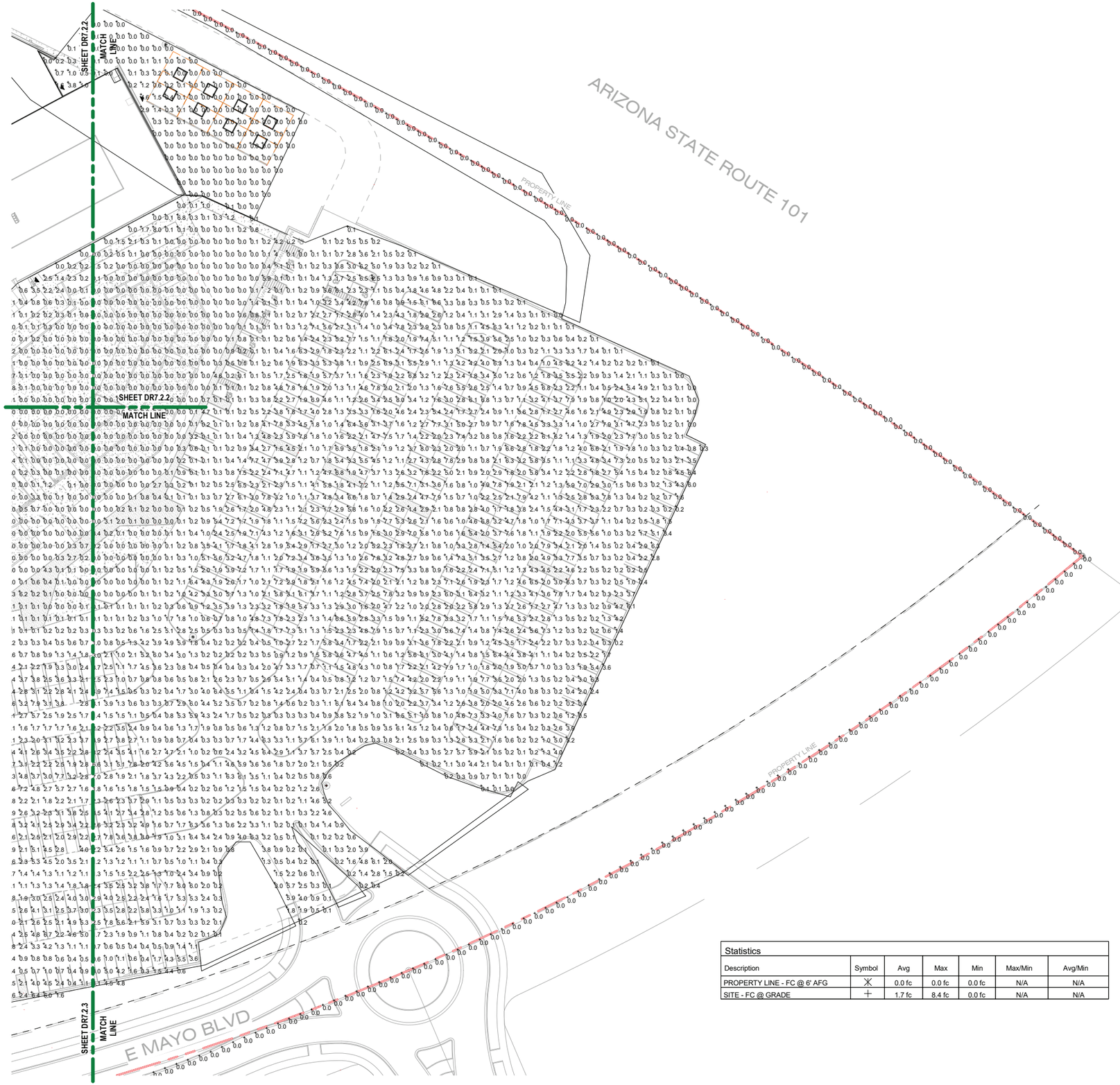
22070

SITE LIGHTING SCHEDULE

SHEET NOTES

A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.

B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION



1 SITE PHOTOMETRIC PLAN A
1" = 40'-0"

0 40' 80' 120'
GRAPHIC SCALE: 1" = 40' - 0"

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PROPERTY LINE - FC @ 6' AFG	✕	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
SITE - FC @ GRADE	+	1.7 fc	8.4 fc	0.0 fc	N/A	N/A

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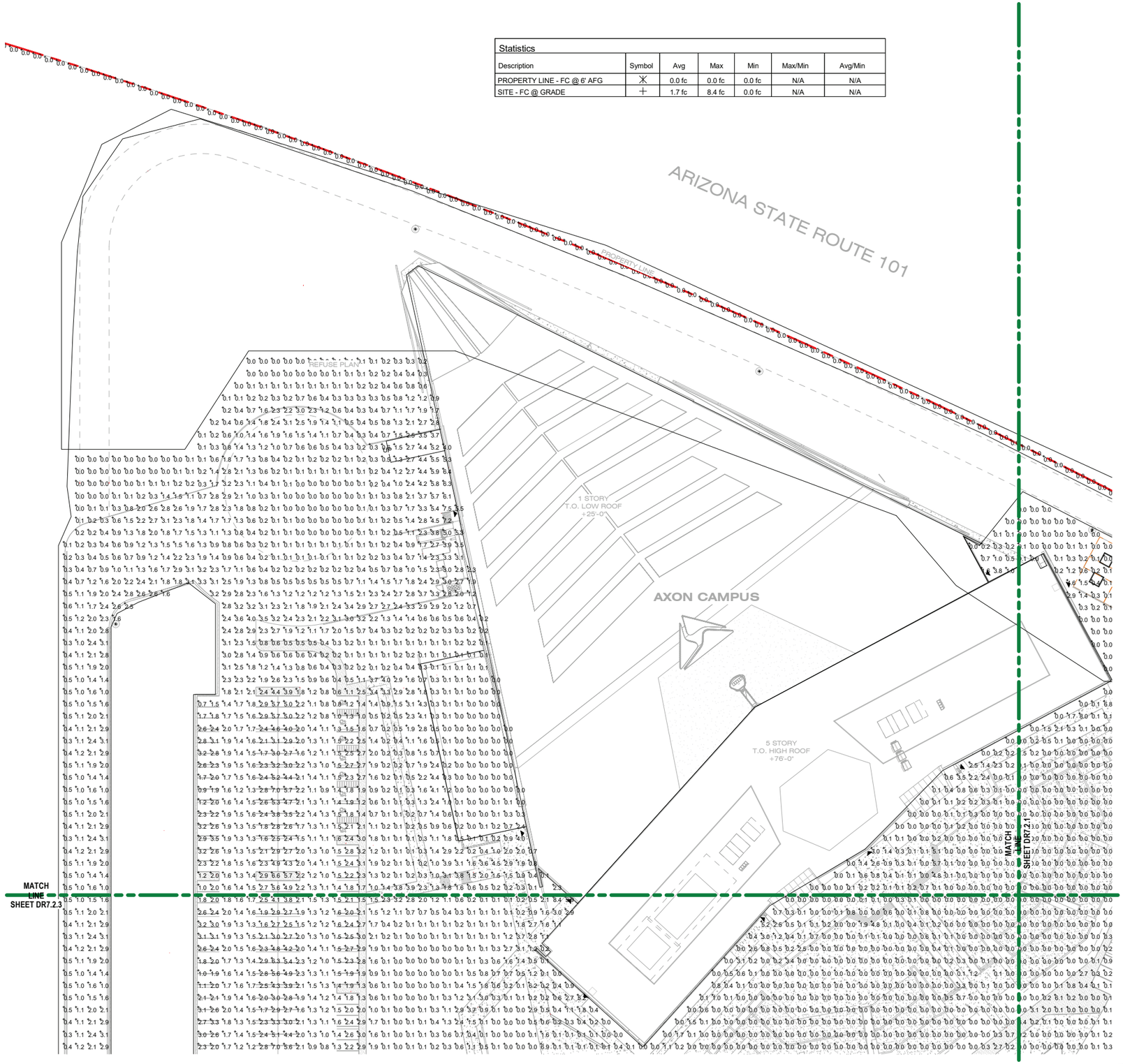
22070 SITE PHOTOMETRIC PLAN A

SHEET NOTES

A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.

B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PROPERTY LINE - FC @ 6' AFG	✕	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
SITE - FC @ GRADE	+	1.7 fc	8.4 fc	0.0 fc	N/A	N/A



1 SITE PHOTOMETRIC PLAN B
1" = 40'-0"

0 40' 80' 120'
GRAPHIC SCALE: 1" = 40' - 0"

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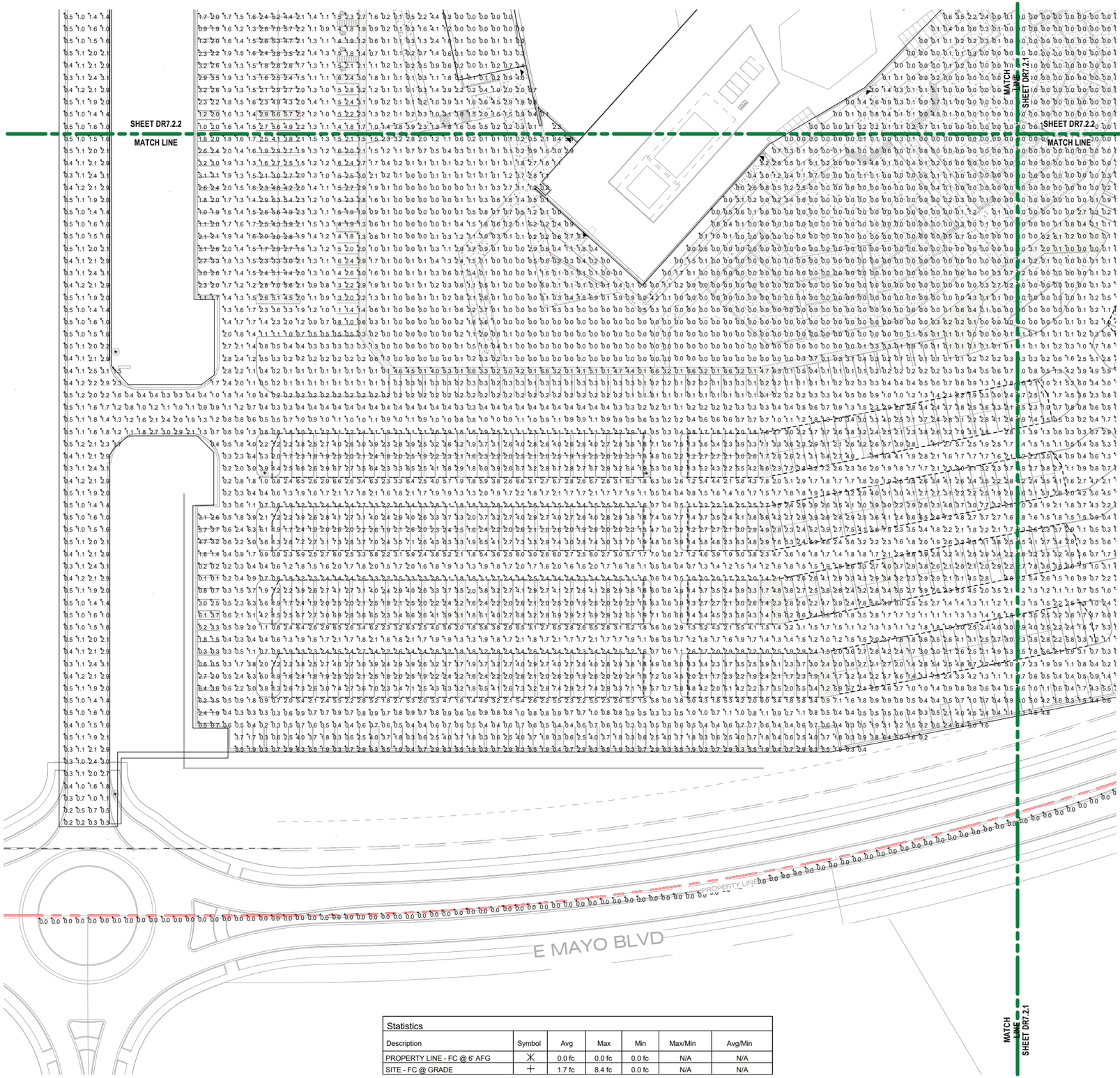
22070 SITE PHOTOMETRIC PLAN B

SHEET NOTES

A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.

B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION



1 SITE PHOTOMETRIC PLAN C
1" = 40'-0"

0 40' 80' 120'
GRAPHIC SCALE: 1" = 40' - 0"

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PROPERTY LINE - FC @ 6' AFG	✕	0.0 fc	0.0 fc	0.0 fc	N/A	N/A
SITE - FC @ GRADE	+	1.7 fc	8.4 fc	0.0 fc	N/A	N/A

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DESIGN REVIEW	20	11SEP

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22070 SITE PHOTOMETRIC PLAN C

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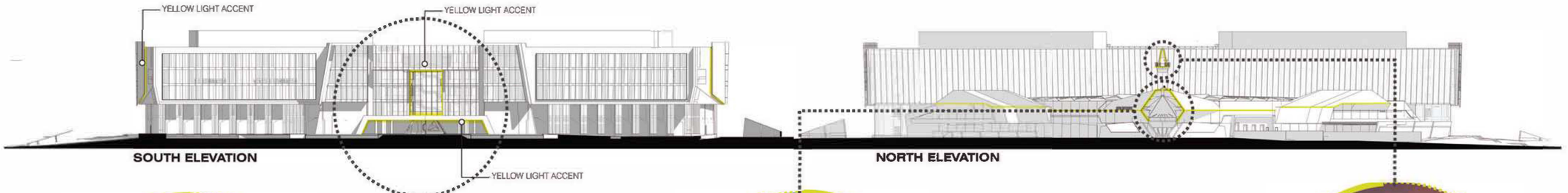
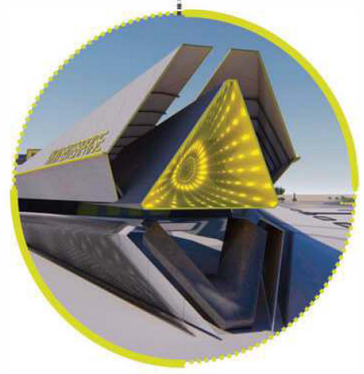
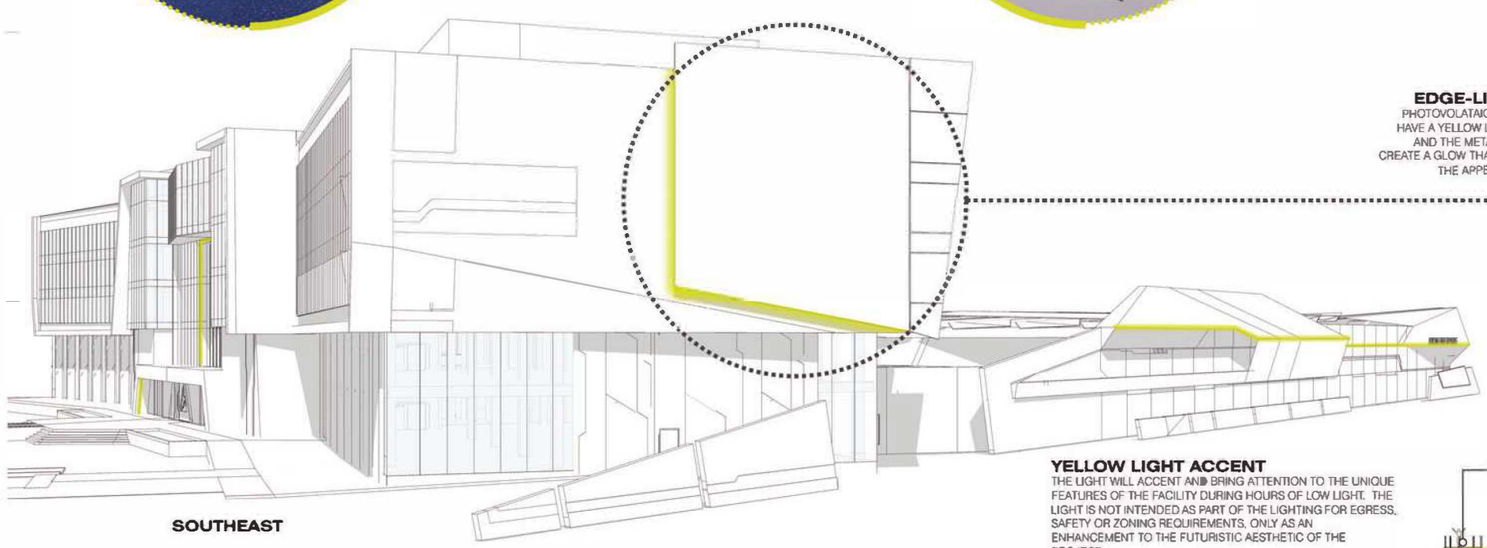


ENTRY PORTAL
MAIN ENTRY OF BUILDING IS FRAMED WITH A PERIMETER OF YELLOW LIGHT ACCENTING THE SHAPE AND ASSISTING WITH WAYFINDING. THE FRAMED VIEW THROUGH THE GLASS ABOVE ALLOWS A GLIMPSE OF THE CENTERPIECE STAIR IN THE 5 LEVEL LOBBY.



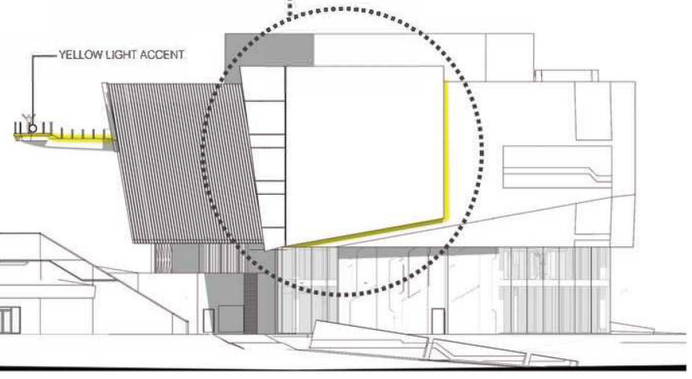
WAVE MOTION FEATURE
THE INTERIOR SURFACES OF THIS FEATURE WILL BE A VIDEO WALL OF DIRECT VIDEO SCREENS. THIS IS THE SAME TECHNOLOGY USED IN DIGITAL BILLBOARDS ALONG THE HIGHWAY. THIS WILL ALLOW IT TO HAVE CHANGING LIGHT AND SWIRLING EFFECTS. THERE IS NO PROJECTED LIGHT FROM THIS AND THE BRIGHTNESS LEVEL (NITS) GUIDELINES FOR DIGITAL BILLBOARDS TO DETERMINE BRIGHTNESS LEVELS THAT WILL BE APPROPRIATE IN THIS LOCATION.

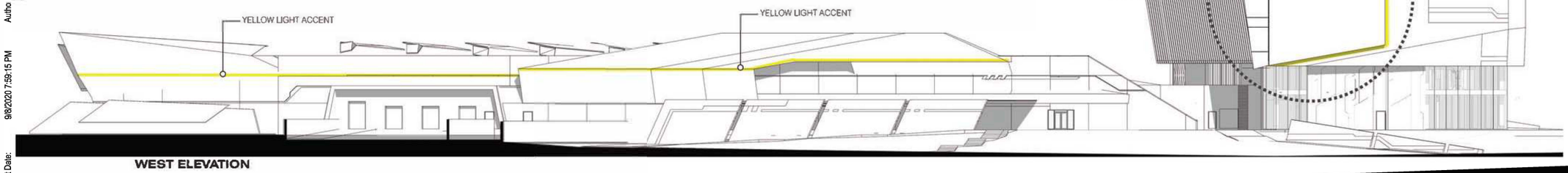
OVERLOOK
THE PORTAL AND OVERLOOK OFFER A CHANCE AT FANTASTIC VIEWS OF THE AZ LANDSCAPE TO THE NORTH AS WELL AS A SUBTLY LIT AXON ICON ON THE ROOFTOP GATHERING SPACE



EDGE-LIT PHOTOVOLTAIC PANELS
PHOTOVOLTAIC ARRAY ON EAST AND WEST FACADES WILL HAVE A YELLOW LIGHT IN THE REVEAL BETWEEN THE PANELS AND THE METAL PANEL SKIN OF THE BUILDING. THIS WILL CREATE A GLOW THAT WILL ACCENT THE SHAPE AND GIVE THEM THE APPEARANCE OF FLOATING ABOVE THE FACADE.

YELLOW LIGHT ACCENT
THE LIGHT WILL ACCENT AND BRING ATTENTION TO THE UNIQUE FEATURES OF THE FACILITY DURING HOURS OF LOW LIGHT. THE LIGHT IS NOT INTENDED AS PART OF THE LIGHTING FOR EGRESS, SAFETY OR ZONING REQUIREMENTS, ONLY AS AN ENHANCEMENT TO THE FUTURISTIC AESTHETIC OF THE PROJECT





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DESIGN REVIEW	20	11SEP

ATTACHMENT 11

Author:
9/8/2020 7:59:15 PM
Plot Date:

DR6.4

22070 BUILDING ACCENT LIGHTING

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SUITE 250
PHOENIX, AZ 85004
602.265.2200
www.smithgroup.com

AXON

ATTACHMENT 12

Date: 9/9/20 Customer: Smithgroup
Project: Axon
Type: SA1 Qty:

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Avanza 450

Order Code: AV4 - R3W - SA - 0 - L105 - 40 - - BK -

Pole Order Code: Series - Height - Finish - Options

AV4	Series	AV4 Avanza 450			
R3W	Optics	R3W Type III Distribution Wide	R3N Type III Distribution Narrow	R5 Type V Distribution	
SA	Mounting	SA[1] Single Pole Adapter	S1 Single Short Arm Mount	S2 Double Short Arm (180°)	L1 Single Long Arm Mount	L2 Double Long Arm Mount (180°)	L4[2] Quad Long Arm Mount	SW Short Arm Wall Mount	*Not available with 0° *Not available with 5°
0	Tilt of Mounting	0°	5°						
L105	Light Engine	L105 105mA / 56W	L700 700mA / 56W						
40	CCT	30 3000K	40 4000K						*For other CCT please consult factory
	Power Cord Length	12 12'	15 15'	18 18'	20 20'	25 25'	XX[3] XX'		*Add length of arm and height of pole to determine power cord length.
BK	Finish	WH White	BK Black	BL Semi-Matte Black	BZ Bronze	SV Silver	SP Specify Premium Color		
	Voltage	120[*] 120V	208 208V	240[*] 240V	277[*] 277V	347[*] 347V	480[*] 480V		*Equipped with step-down transformer.
	Options	DM Dimming (0-10V)	HL30[4,5,6] Hi Lo Switching	PC[5] Photocell	MS Motion Sensor w/ Optional Photocell (Meets Title 24 Requirements) See page 3 for Order Code				*120V, 240V, 277V only. [1] L105 Light Engine only. [2] Not available with SW & SA mounting. [3] DM or HL option only. Cannot be combined. [4] Equipped with step-down transformer.

IP66

Avanza 450

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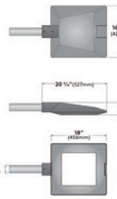
AV4



Specifications

Fixture Housing - Made from high pressure die cast, low copper aluminum alloy.

Gasketing - Continuous molded silicone gasket provides weatherproofing, dust and insect control at all luminaire connections.

Fitter - Part of upper aluminum housing for direct connection to standard Ø 2 ⅛" (60mm) short and long arms, as well as specially designed die cast pole adapter.

LED Array - LEDs mounted to PC boards and directly attached to upper aluminum housing for maximum LED performance and life. For future upgrades, light engine can be removed without tools.

LED Optics - High precision injection molded cross-beam technology reflectors are vacuum metallized. IDA approved "Dark Sky Friendly" at 0° Mounting.

LED Driver - LEDs are driven by RoHS compliant high-efficiency driver. Minimum starting temperature is -35°C (-31°F).

Mounting Arm - Welded steel with powder coat finish. To fit Ø 3" Tenon.

Pole Adapter - Made from high pressure die cast, low copper aluminum alloy. To fit Ø 3" Tenon.

Glass Lens - Tempered and screened glass lens protects and helps seal optical chamber.

Tool-Less Latch - Tool-less die cast aluminum latch for easy access to light engine.

Access Door - Lower casting features tempered glass lens and a built-in hinge that attaches to upper casting on mounting arm side. Other side is secured with tool-less latch for ease of maintenance.

Surge Protection - (not shown) Designed to protect luminaire from electrical surge (20kA)..

Internal Step-down Transformer - Step-Down Autotransformer for 347V and 480V.

Exterior Luminaire Finish -
Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

5 Year Limited LED Luminaire Warranty - Selux offers a 5 Year Limited Warranty to the original purchaser that the Selux LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture, LED driver and LED light engine when installed and operated according to Selux instructions. Fixture suitable for ambient temperatures of 40° C (104° F). For details and exclusions, see "Selux Terms and Condition of Sale."

Listings and Ratings: Luminaire tested to IESNA LM-79-08 and LED tested to LM-80 test standards at 25° C ambient temperature.

Visit selux.us for our LED End of Life recycling policy.

Avanza 450

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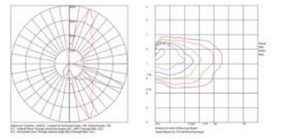
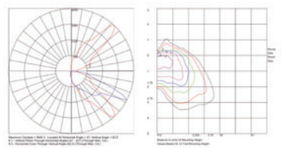
Photometry

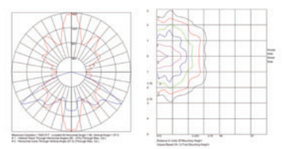
R3W Optics / 1050 mA / 4000K CCT
Catalog #: AV4-S1-0*-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 4274
Input Watts: 56W
Efficacy: 76
CCT: 4000K
CRI (Ra): 80
Maximum candela of 4029 at 65° from vertical.
IES classification: Type III Wide
BUG Rating: B1-U0-G1



R3N Optics / 1050mA / 4000K CCT
Catalog #: AV4-S1-0*-L105-R3N-40-120
Report #: LM-63-1995
Delivered Lumens: 4275
Input Watts: 56W
Efficacy: 76
CCT: 4000K
CRI (Ra): 80
Maximum candela of 4640 at 62.5° from vertical.
IES classification: Type III Narrow
BUG Rating: B0-U0-G1



R5 Optics / 1050mA/ 4000K CCT
Catalog #: AV4-S1-0*-L105-R5-40-120
Report #: LM-63-1995
Delivered Lumens: 4316
Input Watts: 56W
Efficacy: 77
CCT: 4000K
CRI (Ra): 80
Maximum candela of 1920 at 57.5° from vertical.
IES classification: Type V
BUG Rating: B2-U0-G2



Avanza 450

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Photometry

Conversion Chart
Values based on 'W' at ft. mounting height

Mounting Height	Multiply
10' (3.0 m)	1.27
12' (3.7 m)	1.16
14' (4.3 m)	1.07
16' (4.9 m)	1.00
18' (5.5 m)	0.84

LED Information
(Based on R5 Optics)

	Natural White (4000K)		Warm White (3000K)	
	L105	L700	L105	L700
Performance				
Delivered Lumens	4316	27196	5600	2332
Wattage	56	38	56	38
Delivered Lumens per Watt	77	74	65	62
Photometric Performance				
Optics	Lenses			
Distribution	Type V			
Dark Sky / Full-Cutoff	Yes			
LED Specifications				
# of Emitters	16			
Color Temerature (CCT)	4000K		3000K	
CCT Tolerance (by LED Manufacturers)	± 7%			
CRI	> 80			

Date: 9/9/20 Customer: Smithgroup
Project: Axon
Type: SB2 Qty:

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Avanza 600

Order Code: AV6 - R5 - L2 - 0 - L105 - 40 - - BK -

Pole Order Code: Series - Height - Finish - Options

AV6	Series	AV6 Avanza 600			
R5	Optics	R3W Type III Distribution Wide	R3N Type III Distribution Narrow	R5 Type V Distribution	
L2	Mounting	SA[1] Single Pole Adapter	S1 Single Short Arm Mount	S2 Double Short Arm (180°)	L1 Single Long Arm Mount	L2 Double Long Arm Mount (180°)	L4[2] Quad Long Arm Mount	SW Short Arm Wall Mount	*Not available with 0° *Not available with 5°
0	Tilt of Mounting	0°	5°						
L105	Light Engine	L105 105mA / 107W	L700 700mA / 72W						
40	CCT	30 3000K	40 4000K						*For other CCT please consult factory
	Power Cord Length	12 12'	15 15'	18 18'	20 20'	25 25'	XX[3] XX'		*Add length of arm and height of pole to determine power cord length.
BK	Finish	WH White	BK Black	BL Semi-Matte Black	BZ Bronze	SV Silver	SP Specify Premium Color		
	Voltage	120[*] 120V	208 208V	240[*] 240V	277[*] 277V	347[*] 347V	480[*] 480V		*Specify for HL option
	Options	DM Dimming (0-10V)	HL30[4,5] Hi Lo Switching	PC[5] Photocell	MS Motion Sensor w/ Optional Photocell (Meets Title 24 Requirements) See page 3 for Order Code				*120V, 240V, 277V only. [1] Not available with SW & SA mounting. [2] DM or HL option only. Cannot be combined. [3] Equipped with step-down transformer.

IP66

Avanza 600

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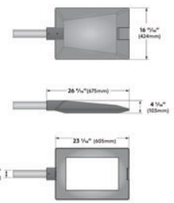
AV6



Specifications

Fixture Housing - Made from high pressure die cast, low copper aluminum alloy.

Gasketing - Continuous molded silicone gasket provides weatherproofing, dust and insect control at all luminaire connections.

Fitter - Part of upper aluminum housing for direct connection to standard Ø 2 ⅛" (60mm) short and long arms, as well as specially designed die cast pole adapter.

LED Array - LEDs mounted to PC boards and directly attached to upper aluminum housing for maximum LED performance and life. For future upgrades, light engine can be removed without tools.

LED Optics - High precision injection molded cross-beam technology reflectors are vacuum metallized. IDA approved "Dark Sky Friendly" at 0° Mounting.

LED Driver - LEDs are driven by RoHS compliant high-efficiency driver. Minimum starting temperature is -35°C (-31°F).

Surge Protection - Surge protection device safeguards electrical components from indirect lighting strikes and surges up to (20kA standard). RoHS compliant.

Mounting Arm - Welded steel with powder coat finish. To fit Ø3" Tenon.

Pole Adapter - Made from high pressure die cast, low copper aluminum alloy. To fit Ø 3" Tenon.

Glass Lens - Tempered and screened glass lens protects and helps seal optical chamber.

Tool-Less Latch - Tool-less die cast aluminum latch for easy access to light engine.

Access Door - Lower casting features tempered glass lens and a built-in hinge that attaches to upper casting on mounting arm side. Other side is secured with tool-less latch for ease of maintenance.

Surge Protection - Designed to protect luminaire from electrical surge (up to 10kA).

Internal Step-down Transformer - Step-Down Autotransformer for 347V and 480V.

Mounting Arm - Welded steel with powder coat finish.

Exterior Luminaire Finish -
Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Semi-Matte Black (BL), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

5 Year Limited LED Luminaire Warranty - Selux offers a 5 Year Limited Warranty to the original purchaser that the Selux LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture, LED driver and LED light engine when installed and operated according to Selux instructions. Fixture suitable for ambient temperatures of 40° C (104° F). For details and exclusions, see "Selux Terms and Condition of Sale."

Listings and Ratings: Luminaire tested to IESNA LM-79-08 and LED tested to LM-80 test standards at 25° C ambient temperature.

Visit selux.us for our LED End of Life recycling policy.

Avanza 600

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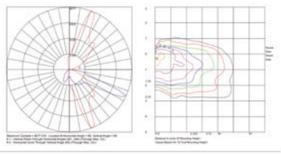
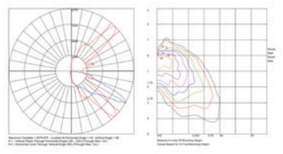
Photometry

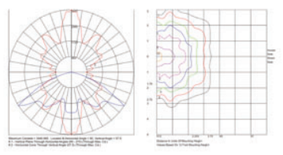
R3W Optics / 1050 mA / 4000K CCT
Catalog #: AV6-S1-0*-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 7695
Input Watts: 107W
Efficacy: 72
CCT: 4000K
CRI (Ra): 80
Maximum candela of 8677 at 65° from vertical.
IES classification: Type III Wide
BUG Rating: B1-U0-G2



R3N Optics / 1050mA / 4000K CCT
Catalog #: AV6-S1-0*-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 7736
Input Watts: 107W
Efficacy: 72
CCT: 4000K
CRI (Ra): 80
Maximum candela of 9578 at 60° from vertical.
IES classification: Type III Narrow
BUG Rating: B3-U0-G3



R5 Optics / 1050mA / 4000K CCT
Catalog #: AV6-S1-0*-L105-R5-40-120
Report #: LM-63-1995
Delivered Lumens: 7439
Input Watts: 107W
Efficacy: 73
CCT: 4000K
CRI (Ra): 80
Maximum candela of 3446 at 57.5° from vertical.
IES classification: Type V
BUG Rating: B3-U0-G3



Avanza 600

selux

Photometry

Conversion Chart
Values based on 'W' at ft. mounting height

Mounting Height	Multiply
10' (3.0 m)	1.27
12' (3.7 m)	1.16
14' (4.3 m)	1.07
16' (4.9 m)	1.00
18' (5.5 m)	0.84

LED Information
(Based on R5 Optics)

	Netural White (4000K)		Warm White (3000K)	
	L105	L700	L105	L700
Performance				
Delivered Lumens	7736	4953	6452	4131
Wattage	107	72	107	72
Delivered Lumens per Watt	72	69	61	58
Photometric Performance				
Optics	Lenses			
Distribution	Type V			
Dark Sky / Full-Cutoff	Yes			
LED Specifications				
# of Emitters	32			
Color Temerature (CCT)	4000K		3000K	
CCT Tolerance (by LED Manufacturers)	± 7%			
CRI	> 80			

NOT FOR CONSTRUCTION

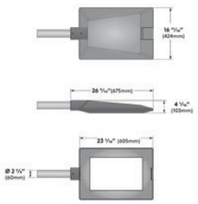
ISSUED FOR	YR	DATE
DESIGN REVIEW	20	11SEP

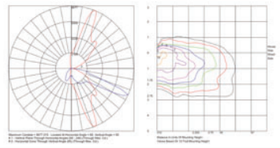
DR7.3.1

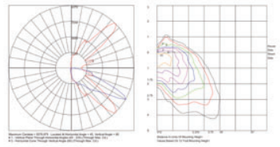
Author

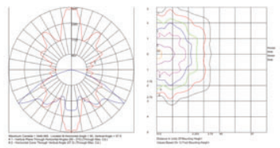
Plot Date: 9/10/2020 12:53:17 PM

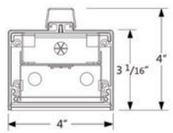
22070 SITE LIGHTING CUTSHEETS

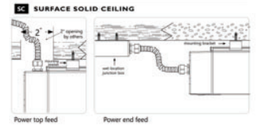


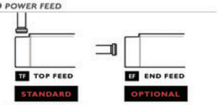


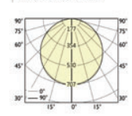












Date: 9/9/20 Customer: Smithgroup
Project: Axon
Type: SC Qty:

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Avanza 600

Order Code: AV6 - R3W - L1 - 0 - L105 - 40 - ___ - BK - ___

Pole Order Code: ___ Series - ___ Height - BK Finish - ___ Options

	Series	AV6 Avanza 600							
R3W	**Optics**	R3W Type III Distribution Wide	R3N Type III Distribution Narrow	R5 Type V Distribution					
L1	**Mounting**	SA[1] Single Pole Adapter	S1 Single Short Arm Mount	S2 Double Short Arm (180°)	L1 Single Long Arm Mount	L2 Double Long Arm Mount (180°)	L4[2] Quad Long Arm Mount	SW Short Arm Wall Mount	[1]Not available with 0° [2]Not available with 5°
0	**Tilt of Mounting**	0°	5°						
L105	**Light Engine**	L105 1050mA / 107W	L700 700mA / 72W						
40	**CCT**	30 3000K	40 4000K						*For other CCT please consult factory
	Power Cord Length	12 12'	15 15'	18 18'	20 20'	25 25'	XX[3] XX'		[3]Add length of arm and height of pole to determine power cord length.
BK	**Finish**	WH White	BK Black	BL Semi-Matte Black	BZ Bronze	SV Silver	SP Specify Premium Color		
	Voltage	120[4] 120V	208 208V	240[4] 240V	277[4] 277V	347[7] 347V	480[7] 480V		[4]Specify for HL option
	Options	DM Dimming (0-10V)	HL30[4,5] Hi-Lo Switching	PC[5] Photocell	MS Motion Sensor w/ Optional Photocell (Meets Title 24 Requirements) See page 3 for Order Code				[5]120V, 240V, 277V only [6]Not available with SW & SA mounting [7]DM or HL option only. Cannot be combined [7]Equipped with step-down transformer

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In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. Specification sheets found at www.selux.us are the most recent versions and supercede all other printed or electronic versions.

Page 1 of 13 (Rev. 02/2019) AV6_SS_v1

Avanza 600

AV6

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Specifications

Fixture Housing - Made from high pressure die cast, low copper aluminum alloy.

Gasketing - Continuous molded silicone gasket provides weatherproofing, dust and insect control at all luminaire connections.

Fitter - Part of upper aluminum housing for direct connection to standard Ø 2 ⅜" (60mm) short and long arms, as well as specially designed die cast pole adapter.

LED Array - LEDs mounted to PC boards and directly attached to upper aluminum housing for maximum LED performance and life. For future upgrades, light engine can be removed without tools.

LED Optics - High precision injection molded cross-beam technology reflectors are vacuum metalized. IDA approved "Dark Sky Friendly" at 0° Mounting.

LED Driver - LEDs are driven by RoHS compliant high-efficiency driver. Minimum starting temperature is -35°C (-31°F).

Surge Protection - Surge protection device safeguards electrical components from indirect lighting strikes and surges up to (20kA standard). RoHS compliant.

Mounting Arm - Welded steel with powder coat finish. To fit Ø3" Tenon.

Pole Adapter - Made from high pressure die cast, low copper aluminum alloy. To fit Ø 3" Tenon.

Glass Lens - Tempered and screened glass lens protects and helps seal optical chamber.

Tool-Less Latch - Tool-less die cast aluminum latch for easy access to light engine.

Access Door - Lower casting features tempered glass lens and a built-in hinge that attaches to upper casting on mounting arm side. Other side is secured with tool-less latch for ease of maintenance.

Surge Protection - Designed to protect luminaire from electrical surge (up to 10kA).

Internal Step-down Transformer - Step-Down Autotransformer for 347V and 480V.

Mounting Arm - Welded steel with powder coat finish.

Exterior Luminaire Finish - Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Semi-Matte Black (BL), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

5 Year Limited LED Luminaire Warranty - Selux offers a 5 Year Limited Warranty to the original purchaser that the Selux LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture, LED driver and LED light engine when installed and operated according to Selux instructions. Fixture suitable for ambient temperatures of 40° C (104° F). For details and exclusions, see "Selux Terms and Condition of Sale."

Listings and Ratings: Luminaire tested to IESNA LM-79-08 and LED tested to LM-80 test standards at 25° C ambient temperature.

Visit selux.us for our LED End of Life recycling policy.

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Page 2 of 13 (Rev. 02/2019) AV6_SS_v1

Avanza 600

Photometry

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R3W Optics / 1050 mA / 4000K CCT

Catalog #: AV6-S1-0°-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 7695
Input Watts: 107W
Efficacy: 72
CCT: 4000K
CRI (Ra): 80
Maximum candela of 8677 at 65° from vertical.
IES classification: Type III Wide
BUG Rating:B1-U0-G2

R3N Optics / 1050mA / 4000K CCT

Catalog #: AV6-S1-0°-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 7736
Input Watts: 107W
Efficacy: 72
CCT: 4000K
CRI (Ra): 80
Maximum candela of 9378 at 60° from vertical.
IES classification: Type III Narrow
BUG Rating: B3-U0-G3

R5 Optics / 1050mA / 4000K CCT

Catalog #: AV6-S1-0°-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 7439
Input Watts: 107W
Efficacy: 73
CCT: 4000K
CRI (Ra): 80
Maximum candela of 3446 at 57.5° from vertical.
IES classification: Type V
BUG Rating: B3-U0-G3

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Avanza 600

Photometry

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Conversion Chart Values based on 16' (4.9) mounting height	
Mounting Height	**Multiply**
10' (3.0 m)	1.27
12' (3.7 m)	1.16
14' (4.3 m)	1.07
16' (4.9 m)	1.00
18' (5.5 m)	0.84

LED Information (Based on R5 Optics)	**Netural White (4000K)**		**Warm White (3000K)**	
	L105	L700	L105	L700
Performance				
Delivered Lumens	7736	4953	6452	4131
Wattage	107	72	107	72
Delivered Lumens per Watt	72	69	61	58
Photometric Performance				
Optics	Lenses			
Distribution	Type V			
Dark Sky / Full-Cutoff	Yes			
LED Specifications				
# of Emitters	32			
Color Temerature (CCT)	4000K		3000K	
CCT Tolerance (by LED Manufacturers)	± 7%			
CRI	> 80			

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wet BEAM4 LED | SURFACE MOUNT

Project Axon
Type SD
Notes

PERFORMANCE PER LINEAR FOOT AT 3500K

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
500 lm/ft	5.5 W/ft	91 lm/W
750 lm/ft	8.3 W/ft	90 lm/W

Please consult factory for custom lumen output and wattage.

cULus Listed Type I.C.

Ordering Guide

WBSLED PRODUCT ID	NOM.LUMENS/FT	CRI	COLOR TEMP.	S SHIELDING	LENGTH (FT)
WBSLED Surface LED	500 500 lm/ft - Min. 750 750 lm/ft - Max.	80 80 CRI 90 90 CRI	27 2700 K 30 3000 K 35 3500 K 40 4000 K	S satin lens	2 2' 3 3' 4 4' 5 5' 8 8' S# system run
	Outputs between listed min and max are available. Consult factory for outputs outside of the listed range				

FINISH	VOLTAGE	DRIVER	CIRCUITS	MOUNTING/SUSPENSION
AP aluminum paint W white BLK black C custom	120 120 V 277 277 V 347 347 V UNV universal	DP dimming (0-10V) 1% LT Lutron (1) BI bi-level dimming O other (2)	1 1 circuit 2 2 circuits +E(#) emergency circuit (3) +NL(#) night light circuit (3) +GTD(#) generator transfer device (3)	SC surface solid ceiling
		(1) Operating up to -20°C. Specify system (2) Please consult factory; see page 2	(3) Specify quantity	

BATTERY (OPTIONAL)	OTHER (OPTIONAL)	IC CONTROLS (OPTIONAL)	CUSTOM (OPTIONAL)
B# battery pack (integral)	F fuse (4) EF end feed*	OS# occupancy sensor EN Enlighted integral WC# wireless control dimming	C custom N natatorium finish
Not available with 347V Please consult factory	(4) Requires 120V or 277V. * See page 2 for more details.	See integrated controls guide for further details Please consult factory	Please specify

1 / 3 December 18, 2018 FILE NAME:WBS.LED-B3.SPEC © 2016 Axis Lighting Inc. 1.800.263.2947 (T) 514.948.6272 axislighting.com

wet BEAM4 LED | SURFACE MOUNT

● MOUNTING OPTIONS

SC SURFACE SOLID CEILING

Power top feed Power end feed

● OTHER MOUNTING OPTIONS

WET BEAM 4 LED is available with recessed horizontal, recessed vertical, pendant, and wall mounted options.

● CONSTRUCTION

Housing	Extruded Aluminum (0.062" nominal) Up to 70% Recycled Content
End Cap	Die Cast Zinc (0.070" nominal)
Interior Brackets	Die Formed Sheet Steel (16 gauge)
Gaskets	Moulded Elastomer (0.100" nominal)
Lens Gaskets	Extruded Elastomer (0.045" nominal)
Frosted Lens	Frosted Acrylic 68% transmissive

● ELECTRICAL

Lutron driver*	LDE1 - EcoSystem H-Series (1%) LDE5 - EcoSystem 5-Series (5%) LTE - Hi-Lume® A-series 2Wires Forward Phase (1%) *Consult factory
Other drivers	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV.

Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CCT	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.

● OPTICS

SATIN LENS
PMMA satin finish (0.060" nominal) 68% trans.

S satin lens

● WEIGHT

Surface 4 ft	12.8 lbs / 5.8 kg
Surface 8 ft	24.5 lbs / 11.1 kg

● GASKETTED FIXTURE

With its gasketted end cap and lens the Wet BEAM 4 LED is made for wet locations, and is ideal for exterior soffits and canopies of malls, hospitals and other institutions.

● JOINER SYSTEM

Wet BEAM 4 modular system consists of smaller modules joined and gasketted together allowing for system runs in lengths of 4' and 8' as well as custom lengths up to 8'.

* For continuous rows allow 2" for connectors between each fixture.

● POWER FEED

TF TOP FEED STANDARD

EF END FEED OPTIONAL

* Not available with 347 V.

● FINISH

Powder coated and custom finishes are also available.

● APPROVALS

Certified wet locations to UL and CSA standards

● WARRANTY

Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

Row configuration, specification sheets and mounting spacing guides are available for download at: www.axislighting.com

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wet BEAM4 LED | SURFACE MOUNT

500 lm/ft

PHOTOMETRIC CURVE

Luminaire Lumens: 500 lm/ft
Input Watts: 5.5 W/ft
Efficacy: 91 lm/W
IES FILE: WBSLED-500-80-35-S.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles 0	22.5	45	67.5	90
0	704	704	704	704	704
5	697	701	700	703	706
15	672	677	677	679	682
25	623	626	627	628	631
35	552	555	555	554	555
45	465	466	466	465	465
55	363	365	364	362	361
65	249	250	249	246	244
75	129	130	126	123	121
85	29	25	20	17	16
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	67
10-20	191
20-30	289
30-40	347
40-50	359
50-60	324
60-70	245
70-80	133
80-90	28
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles 0	45	90
45	5567	5579	5567
55	5357	5372	5328
65	4987	4987	4887
75	4219	4121	3957
85	2817	1942	1554

750 lm/ft

PHOTOMETRIC CURVE

Luminaire Lumens: 750 lm/ft
Input Watts: 8.3 W/ft
Efficacy: 90 lm/W
IES FILE: WBSLED-750-80-35-S.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles 0	22.5	45	67.5	90
0	1056	1056	1056	1056	1056
5	1046	1052	1050	1055	1059
15	1008	1016	1016	1019	1023
25	935	939	941	942	947
35	828	833	833	831	833
45	698	699	699	698	698
55	545	548	546	543	542
65	374	375	374	369	366
75	194	195	189	185	182
85	44	38	30	26	24
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	100
10-20	287
20-30	433
30-40	520
40-50	539
50-60	486
60-70	368
70-80	200
80-90	43
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles 0	45	90
45	8350	8368	8350
55	8036	8058	7992
65	7481	7481	7331
75	6329	6181	5936
85	4225	2914	2331

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SMITHGROUP
455 NORTH THIRD STREET
SUITE 250
PHOENIX, AZ 85004
602.265.2200
www.smithgroup.com

AXON

NOT FOR CONSTRUCTION

ISSUED FOR	YR	DATE
DESIGN REVIEW	20	11SEP

DR7.3.2

SITE LIGHTING CUTSHEETS

22070

Plot Date: 9/10/2020 12:53:20 PM Author

Date: 9/9/20 Customer: Smithgroup
Project: Axon
Type: SF Qty:

selux

Inula Bollard LED

Order Code: IBL - 3.5 - 2Q9 - 40 - BL - ___ - ___

IBL	Series	IBL Inula Bollard LED
3.5	Height	1.5 1.5' (consult factory); 2 2' (consult factory); 2.5 2.5'; 3 3'; 3.5 3.5'; 4 4'
2Q90	Light Engine	1Q 7.8w/577 lm; 2Q90 14.1w/1156lm; 2Q180 14.1w/1156 lm; 3Q 20.5w/1689 lm; 4QS 27.2w/2246 lm; 4QD 27.2w/2246 lm
40	CCT	AM Amber; 30 3000K; 40 4000K; 50 5000K
BL	Finish	WH White; BK Black; BL Semi-Matte Black; BZ Bronze; SV Silver; SP Specify Premium Color
	Voltage	UNV 120-277V; 120 120V; 208 208V; 240 240V; 277 240V; 347 347V; 480 480V
	Options	DM Dimming (0-10V); HL30 Hi-Lo Switching 100-30%; REC GFCI Receptacle with weather-proof cover; REC2 GFCI Receptacle with padlockable in-use cover; REC3 USB & Duplex Receptacle with weather-proof cover; REC4 USB & Duplex Receptacle with weatherproof padlockable in-use cover; EM Emergency Battery Pack -20C; PC Photocell; LP Lower Power Version Decreases Light Output by 60%; HP High Power Version Increases Light Output by 100%

Product Modifications
Please list modification requirements for review by factory

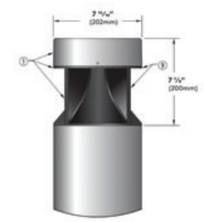
Approvals

Date:

Inula Bollard LED

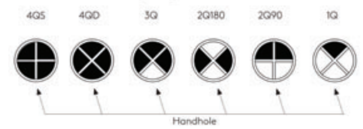
selux

IBL



Net Weight (35lbs)

LED Light Engine Distribution Guide



Specifications

1. Fixture Housing - Die cast low-copper and low-iron aluminum fixture body provide corrosion resistance in marine environments.

2. Gasketing - (not shown) Continuous gaskets provide weather-proofing, dust, and insect control between castings.

3. LED Light Engine - (not shown) High efficiency LED light engine equipped with brand-name LEDs, available in 3000K, 4000K, 5000K CCT tolerance within a 3-step MacAdams ellipse, and Amber CCT. Suitable for max ambient temperatures up to 45°C.

4. Optics - (not shown) Proprietary vandal and UV resistant acrylic optic provides optimal light blending between quadrants.

5. Surge Protector - (not shown) Designed to protect luminaire from electrical surge (20kA).

6. Hi-Lo Switching Option - (not shown) Controlled switching between 100% and 30% power. See wiring diagrams for additional details.

7. Low Power Option - (not shown) 60% decrease in Lumen output in same physical package.

8. High Power Option - (not shown) 100% increase in Lumen output in same physical package.

9. Light Chamber - Castings around Light Engine are painted with special matte black light absorbing powder coat paint. Meets International Dark-Sky Association (IDA) requirements B0, U0, and G0 BUG ratings at 3000K CCT. Powers 2Q90, 2Q180, 3Q, or 4Q configurations (refer to lumen matrix on page 3).

10. Low-Temperature Emergency Battery Pack Option - (not shown) Provide 90 minutes of constant-power egress lighting when external power is lost. -20°C to +55°C ambient temperature operation.

Exterior Luminaire Finish - Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultraviolet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Semi-Matte Black (BL), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

5 Year Limited LED Luminaire Warranty - Selux offers a 5 Year Limited Warranty to the original purchaser that the Inula Bollard LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the LED driver and LED array when installed and operated according to Selux instructions. For details, see "Selux Terms and Condition of Sale."

Listings and Ratings: Tested to INRTL Wet Location and IESNA LM-79-08 standards. LED tested to LM-80 standards.

Luminaire tested to IK10 standard, IDA Approved and Lighting Facts Certified.

Luminaire and LED tested at 25°C (77°F) ambient temperature.

LED LIFE - LED light engine provides a reported lumen maintenance of 93% at 36,000 hours. L70 calculated greater than 100,000 hours. NRTL Listed (i.e. UL, CSA)

Visit selux.us for our LED End of Life recycling policy.

Inula Bollard LED

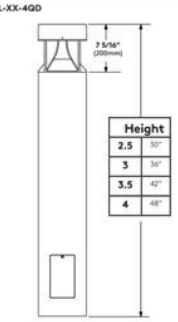
selux

Lumen Matrix

ELECTRICAL SPECIFICATIONS at 120VAC-277VAC (at 347-480VAC)

Light Engine		4QD/4QS				3Q				2Q180/2Q90				1Q			
LED CCT		3000K	4000K	5000K	AMBER	3000K	4000K	5000K	AMBER	3000K	4000K	5000K	AMBER	3000K	4000K	5000K	AMBER
Standard Power	Delivered Lumens (lm)	2101		2246	464	1580		1689	349	1083		1156	239	540		577	119
	Wattage (W)	27.2 (29.6)			20.7 [22.6]	20.5 (22.3)			15.6 [17.0]	14.1 (15.4)			10.6 [11.6]	7.6 (8.3)			5.6 [6.2]
	Efficacy (lm/W)	77.2 (71.0)		82.6 (75.9)	22.4 [75.9]	77.1 (70.9)		82.4 (75.7)	22.4 [20.5]	76.8 (70.3)		82.0 (75.1)	22.5 [20.6]	71.1 (65.1)		75.9 (69.5)	21.3 [19.2]
High Power (HP) Option	Delivered Lumens (lm)	4202		4492	N/A	3160		3378	N/A	2166		2312	N/A	1080		1155	N/A
	Wattage (W)	54.4 [59.2]				41.0 [44.6]				28.2 [30				15.2 [16.6]			
	Efficacy (lm/W)	77.2 (67.8)		82.6 (75.9)		77.1 (70.9)		82.4 (75.7)		76.8(70.3)		82.0 (75.1)		71.1 (65.1)		75.9 (69.5)	
EM Option	Delivered Lumens (lm)	2501		2674	N/A	1881		2011	N/A	1289		1376	N/A				

Profiles IBL-XX-4QD



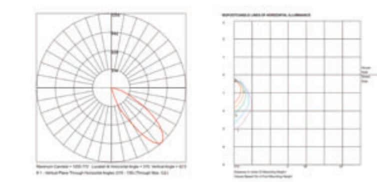
Height	
2.5	30"
3	36"
3.5	42"
4	48"

Inula Bollard LED

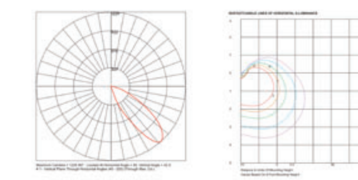
selux

Photometry

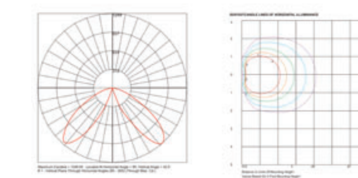
1Q / 8W LED / 5000K CCT



2Q90 / 14W LED / 5000K CCT



2Q180 / 14W LED / 5000K CCT

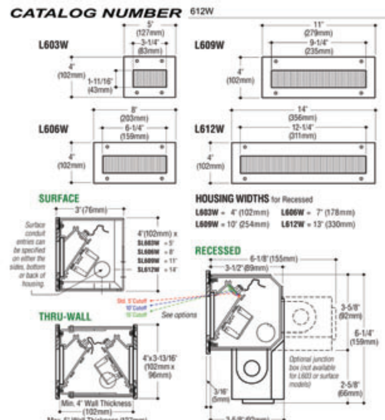


COLE LIGHTING SUBMITTAL

JOB NAME Axon

Type SG

CATALOG NUMBER 612W



HOUSING WIDTHS for Recessed
L603W = 4" (102mm) L606W = 7" (178mm)
L609W = 10" (254mm) L612W = 13" (330mm)

Steplites

L600 SERIES

SPECIFICATIONS

Construction

• Recessed housing is constructed from 16 gauge electro-galvanized steel, matte black powder-coated • Surface housing is constructed from 16 gauge satin finished stainless steel or .063" metallic silver powder-coated aluminum • Faceplates are 3/16" metallic silver powder-coated aluminum or satin finished stainless steel, passivated for maximum rust resistance • Fixtures are furnished with stainless steel socket head tamperproof screws • Diffuser is clear tempered glass, set in silicone sealant • Internal baffle is coated matte black to eliminate glare • Optional junction box is cast aluminum with polyester coating • cETLus listed installation in any wall construction and suitable for wet locations in any wall construction • All models suitable for concrete pour.

Electrical

• Fixture is wired with high performance LEDs positioned for 5°, 10° or 15° cutoff (5° standard) • Integral driver is universal voltage • Recessed housing provided with 1/2" conduit knockout on each side, suitable for 4 wire thru-wiring, 2 in 2 out. Surface housing conduit entries located per specification • Optional junction box allows 8 wire thru-wiring, 4 in 4 out. Provided with two 1/2" tapped conduit entrances in the bottom and one 1/2" tapped conduit entrance in each side.

Catalog Number	Recessed Fixture Faceplate		Thru-Wall Faceplates		Surface Fixture Faceplate	
Lamp	Aluminum	Stainless Steel	Aluminum	Stainless Steel	Aluminum	Stainless Steel
LED 1.5w, (126 lm @ 3000°K)*	☐ L603W-AL	☐ L603W-N	☐ L603W-2S-AL	☐ L603W-2S-N	☐ SL603W-AL	☐ SL603W-N
LED 3.2w, (331 lm @ 3000°K)*	☐ L603W-AL-HO	☐ L603W-N-HO	☐ L603W-2S-AL-HO	☐ L603W-2S-N-HO	☐ SL603W-AL-HO	☐ SL603W-N-HO
LED 3.0w, (252 lm @ 3000°K)	☐ L606W-AL	☐ L606W-N	—	—	☐ SL606W-AL	☐ SL606W-N
LED 6.4w, (662 lm @ 3000°K)	☐ L606W-AL-HO	☐ L606W-N-HO	—	—	☐ SL606W-AL-HO	☐ SL606W-N-HO
LED 4.5w, (377 lm @ 3000°K)	☐ L609W-AL	☐ L609W-N	—	—	☐ SL609W-AL	☐ SL609W-N
LED 9.6w, (993 lm @ 3000°K)	☐ L609W-AL-HO	☐ L609W-N-HO	—	—	☐ SL609W-AL-HO	☐ SL609W-N-HO
LED 6.0w, (503 lm @ 3000°K)	☐ L612W-AL	☑ L612W-N	—	—	☐ SL612W-AL	☐ SL612W-N
LED 12.8w, (1323 lm @ 3000°K)	☐ L612W-AL-HO	☐ L612W-N-HO	—	—	☐ SL612W-AL-HO	☐ SL612W-N-HO

*Indicated values for wattage, doubled for thru-wall models.
Photometric data available for Steplites can be downloaded at: www.colelighting.com/downloads/1
Specify conduit entry locations when ordering.

Options

Junction box: Cast aluminum junction box. Add suffix ☐ **-J** *(Not available on L603 model).*
Dimming: Universal voltage 0-10V driver. Add suffix ☑ **-DIM**. *(Not available on L603 model).*
Cutoff: 10° or 15°. Add suffix ☐ **-10°** or ☐ **-15°**.
No Hole: Fastenerless (not suitable for wet locations). Add suffix ☐ **-NH**
Frosted glass diffuser: Tempered. Add suffix ☐ **-FG**

LED colors: 4000°K (L603, 146 lm), (L603-HO, 384 lm), (L606, 292 lm), (L606-HO, 768 lm), (L609, 438 lm), (L609-HO, 1152 lm), (L612, 584 lm), (L612-HO, 1535 lm). Add suffix ☑ **-4K**. Amber* (FWC compliant, 560nm). Add suffix ☐ **-AMB**. Blue* Add suffix ☐ **-BLU**. *Not available in HO
Antimicrobial white paint: Resist microbial growth. Add suffix ☐ **-AM**

Bronze faceplate: Satin finished, clear coated. Add suffix ☐ **-B**.
Alternate trim color: Black or White. Add suffix ☑ **-BLK** or ☐ **-WHT**.
For Custom color or finish. Add suffix ☐ **-CC** (consult factory).
Sensors: Photocell. Add suffix ☐ **-PC**. Occupancy Sensor. Add suffix ☐ **-OCC**. Button/Switch ☐ **-SW**.

LED wall washer with asymmetrical light distribution

Type: SP
BEGA Product: 33 361
Project: Axon
Voltage:
Color: Black
Options:
Modified:

Housing: One piece die-cast aluminum designed for direct attachment to wall over a horizontally oriented recessed single gang junction box. Die castings are marine grade, copper free (≤ 0.3% copper content) A360.0 aluminum alloy.
Enclosure: Tempered clear glass, retained by one piece die-cast aluminum frame attached to housing with two (2) stainless steel captive set screws threaded into stainless steel inserts. Reflector made of pure anodized aluminum. Fully gasketed for weather tight operation using molded silone gasket.
Electrical: 16.5W LED luminaire, 19.5 total system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with an 85 CRI. Available in 4000K (85 CRI); add suffix K4 to order.
Note: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.
Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.
CSA certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP65
Weight: 3.5 lbs

Note: Fixture will oriented 180 degrees, not as an uplight as depicted

Asymmetrical light distribution				
	Lamp	A	B	C
33361	16.5W LED	10¼	3	6

BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 FAX (805) 566-9474 www.bega-us.com
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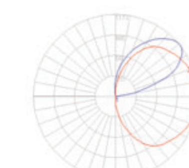
BEGA

Photometric Filename: 33361.IES

TEST: BE33361
TEST LAB: BEGA
DATE: 1/13/2017
LUMINAIRE: 33361
LAMP: 16.5W LED

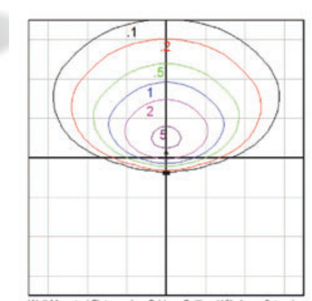
Note: Fixture will oriented 180 degrees, not as an uplight as depicted



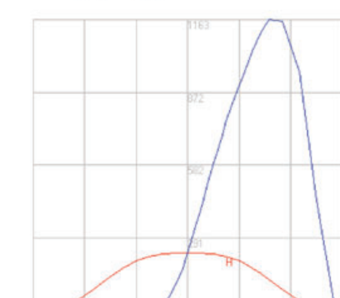
Characteristics	
NEMA Type	7 H x 5 V
Maximum Candela	1163.221
Maximum Candela Angle	0 H 47.5 V
Horizontal Beam Angle (50%)	107.9
Vertical Beam Angle (50%)	57.6
Horizontal Field Angle (10%)	142.7
Vertical Field Angle (10%)	89.4
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	1266
Beam Efficiency	N.A.
Field Lumens	1679
Field Efficiency	N.A.
Spill Lumens	40
Luminaire Lumens	1718
Total Efficiency	N.A.
Total Luminaire Watts	19.5
Luminaire Efficacy Rating (LER)	89

Zonal Lumen Summary

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.02
90-100	31.18
100-110	184.26
110-120	332.91
120-130	370.34
130-140	321.39
140-150	236.18
150-160	149.70
160-170	77.16
170-180	23.09



Wall Mounted Fixture - Iso-Grid on Ceiling (10' above fixture)
Grid Spacing = 10 ft.



In the interest of product improvement, BEGA reserves the right to make technical changes without notice.
BEGA 1000 Bega Way, Carpinteria, CA 93013 (805)684-0533 Fax (805)566-9474 www.bega-us.com © Copyright BEGA-US 2017 6/22/2017

SMITHGROUP
455 NORTH THIRD STREET
SUITE 250
PHOENIX, AZ 85004
602.265.2200
www.smithgroup.com

AXON

NOT FOR CONSTRUCTION

ISSUED FOR	YR	DATE
DESIGN REVIEW	20	11SEP

DR7.3.3

22070

SITE LIGHTING CUT SHEETS

Plot Date: 9/10/2020 12:53:22 PM Author

SMITHGROUP
455 NORTH THIRD STREET
SUITE 250
PHOENIX, AZ 85004
602.265.2200
www.smithgroup.com

AXON

Date: 9/9/20 Customer: Smithgroup
Project: Axon
Type: SH1 Qty:

selux

Exelia Gen5 LED

Order Code: EXRL · 09 · R3 · 5GS30 · 40 · BK · ____ · ____ · ____

EXRL	Series	EXRL Exelia Gen5 LED							
09	Nominal Overall Ht.	08 8 ft	09 9 ft	10 10 ft	11 11 ft	12 12 ft	13 13 ft	14 14 ft	
		15 15 ft	16 16 ft	17 17 ft	18 18 ft	19 19 ft	20 20 ft		
R3	Optic	R1 Type I	R2 Type II	R3 Type III	R3W Type III (Wide)	R4 Type IV	R5R Type V (Round)	R5S Type V (Square)	R5Q Type V (Rectangular)
5GS30	Light Engine	5GS50 nominal 53W	5GS30 nominal 48W	5G700 nominal 64W	5G105 nominal 97W	5G140 nominal 126W			
40	CCT	30 3000K	40 4000K						For other CCT please consult factory
BK	Finish	WH White	BK Black	BL Semi-Matte Black	BZ Bronze	SV Silver	SP Specify Premium Color		
	Voltage	120 120V	208 208V	240 240V	277 277V	UNV[1] 120-277	347[1,2] 347V	480[1,2] 480V	1 Not available with HLSO 2 Requires step-down transformer
	Options	DM[4] Dimming (0-10V)	HLSO[3,4] Hi-Lo Switching Low Output 50%	HS[4] House Side Shield	REC[4,5] 120V GFCI Receptacle with weather-proof cover	REC2[4,5] 120V GFCI Receptacle with pushbackable in-use cover	REC3[4,5] USB & Duplex Receptacle with weather-proof cover	REC4[4,5] USB & Duplex Receptacle with weath-erproof pushbackable in-use cover	3 120V, 240V and 277V only 4 Type I, II, III and IV only 5 See page 5 for details 6 DM or HLSO only, cannot be combined 7 Recommended depending on local site conditions regarding wind vibrations 8 120V only 9 See page 4 for details
		PC Photocell	VI[7] Vibration Dampener (consult factory)	MS[3] Motion Sensor					

Product Modifications
Please list modification requirements for review by factory:

Approvals

Date:

Exelia LED

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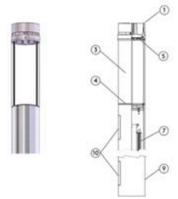
EXRL



1. Luminaire Cover / External Heat Sink - Specifications Low-copper, marine-grade aluminum die cast cover, with shroud for smooth crisp form to reflect and complement the column design. Designed for optimal heat dissipation even in high temperature environments.

2. Gasketing - (not shown) Continuous one piece gaskets made from UV and ozone resistant silicone. Molded gaskets ensure IP65 rating, dust, and insect control throughout the luminaire head.

3. Shielding - Clear, impact resistant, UV stabilized polycarbonate cylinder creates optical chamber, minimum wall thickness 0.118" (3mm). IK10 rated.

4. Column Fitter - Low copper, marine-grade aluminum die-cast fitter, with built-in gasketing ridges, for smooth transition to column.

5. LED Array - High Flux LEDs mounted to metal core PCB and attached to external heat sink for maximum LED performance and life. CCT tolerance within a 3 step bin and provided with a minimum CRI of 80. LED light engine has a reported lumen maintenance of 97.5% at 50,000 hours. L70 calculated greater than 100,000 hours.

6. LED Optics - (not shown) Proprietary technical Optics (R1, R2, R3, R4, R5S and R5R) use Selux signature light pattern acrylic lens holder to secure proprietary silicone optics. Internal micro house side shield available for distributions types I, II, III & IV.

7. LED Driver - LEDs are driven by RoHS compliant constant current programmable LED driver. Driver includes 0-10V dimming to 10%, meets the requirements of IP66. Driver assembly located inside the column and accessible through the upper hand hole.

8. Surge Protector - (not shown) Designed to protect luminaire from electrical surge (20kA).

9. Column Body - 200mm extruded smooth marine-grade aluminium, minimum wall thickness 0.118" (3mm).

10. Access Doors - Upper and lower 4" x 7" (78mm x 178mm) hand holes provided for in-field column assembly and maintenance. Flush cover and stainless steel tamper-resistant hardware included.

Exterior Luminaire Finish - Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultraviolet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Bronze (BZ), Semi-Matte Black (BL), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide..

5 Year Limited LED Luminaire Warranty - Selux offers a 5 Year Limited Warranty to the original purchaser that the Exelia LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the LED driver and LED array when installed and operated according to Selux instructions. For details, see "Selux Terms and Condition of Sale."

Listings and Ratings: Tested to NRTL Wet Location and IESNA LM-79-08 standards. LED tested to LM-80 standards. Luminaire and LED tested at 25ºC (77ºF) ambient temperature.

NRTL Listed (i.e. UL, CSA)

Visit selux.us for our LED End of Life recycling policy.

Ambient Temperature Chart (standard)

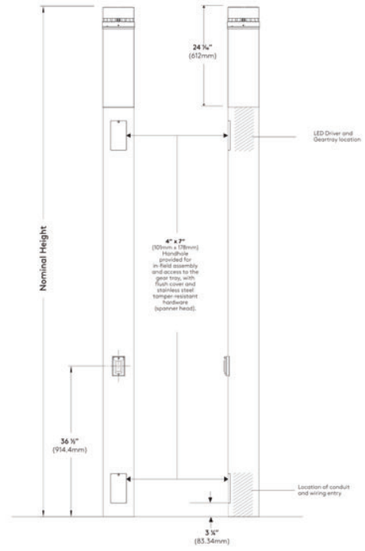
Minimum	Maximum
-40° C (-40° F)	45° C (113° F)

Exelia LED

selux

Mounting Information
EXRL

Maximum weight: 80lbs

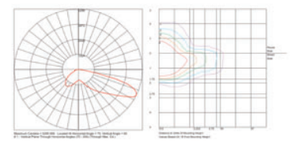


Exelia LED

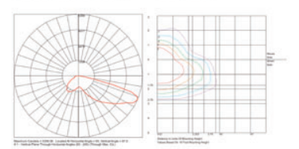
selux

Photometry

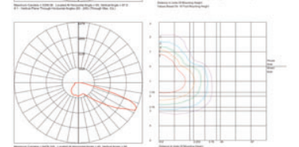
EXRL / R1 / 3000K CCT
Catalog #: EXRL-A-R1-5G140-30-XX-UNV
Delivered Lumens: 9502
Input Watts: 126.3W
Efficacy: 75 lm/W
CRI: 81.7
Maximum candela: 1299.906 at 65° from vertical.
IES classification: Type II
Bug Rating: B2-U0-G2
Power Factor: 0.996
Total Harmonic Distortion: 5.50%



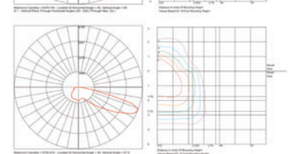
EXRL / R2 / 3000K CCT
Catalog #: EXRL-A-R2-5G140-30-XX-UNV
Delivered Lumens: 9502
Input Watts: 126.8W
Efficacy: 75 lm/W
CRI: 81.7
Maximum candela: 1336.06 at 67.5° from vertical.
IES classification: Type III
Bug Rating: B2-U0-G3
Power Factor: 0.996
Total Harmonic Distortion: 5.50%



EXRL / R3 / 3000K CCT
Catalog #: EXRL-A-R3-5G140-30-XX-UNV
Delivered Lumens: 9502
Input Watts: 126.3W
Efficacy: 75 lm/W
CRI: 81.7
Maximum candela: 1478.105 at 65° from vertical.
IES classification: Type III
Bug Rating: B2-U0-G2
Power Factor: 0.996
Total Harmonic Distortion: 5.50%



EXRL / R4 / 3000K CCT
Catalog #: EXRL-A-R4-5G140-30-XX-UNV
Delivered Lumens: 9502
Input Watts: 126.3W
Efficacy: 75 lm/W
CRI: 81.7
Maximum candela: 6755.814 at 67.5° from vertical.
IES classification: Type IV
Bug Rating: B2-U0-G2
Power Factor: 0.996
Total Harmonic Distortion: 5.50%



Date: 9/9/20 Customer: Smithgroup
Project: Axon
Type: SK Qty:

selux

Avanza 600

Order Code: AV6 · R3W · SW · 0 · L105 · 40 · ____ · BK · ____

Pole Order Code: ____ (Series) ____ (Height) ____ (Finish) ____ (Options)

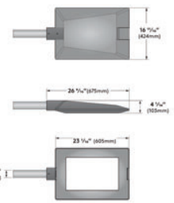
	Series	AV6 Avanza 600							
R3W	Optics	R3W Type III Distribution Wide	R3N Type III Distribution Narrow	R5 Type V Distribution					
SW	Mounting	SA[1] Single Pole Adapter	S1 Single Short Arm Mount	S2 Double Short Arm (180°)	L1 Single Long Arm Mount	L2 Double Long Arm Mount (180°)	L4[2] Quad Long Arm Mount	SW Short Arm Wall Mount	1 Not available with 0° 2 Not available with 9'
0	Tilt of Mounting	0°	5°						
L105	Light Engine	L105 105mA / 10.7W	L700 700mA / 72W						
40	CCT	30 3000K	40 4000K						1 For other CCT please consult factory
	Power Cord Length	12 12'	15 15'	18 18'	20 20'	25 25'	XX[1] xx'		1 Add length of arm and height of pole to determine power cord length
BK	Finish	WH White	BK Black	BL Semi-Matte Black	BZ Bronze	SV Silver	SP Specify Premium Color		
	Voltage	120[1] 120V	208 208V	240[1] 240V	277[1] 277V	347[1] 347V	480[1] 480V		1 Specify for HL option
	Options	DM Dimming (0-10V)	HL30[2,3] Hi Lo Switching	PC[3] Photocell	MS Motion Sensor w/ Optional Photocell (Meets Title 24 Requirements) See page 3 for Order Code				1 120V, 240V, 277V only 2 Not available with DM & SA mounting 3 DM or HL option only. Cannot be combined. 4 Equipped with step-down transformer

IP66

Avanza 600

selux

AV6



Specifications

Fixture Housing - Made from high pressure die cast, low copper aluminum alloy.

Gasketing - Continuous molded silicone gasket provides weatherproofing, dust and insect control at all luminaire connections.

Fitter - Part of upper aluminum housing for direct connection to standard Ø 2 ⅜" (60mm) short and long arms, as well as specialty designed die cast pole adapter.

LED Array - LEDs mounted to PC boards and directly attached to upper aluminum housing for maximum LED performance and life. For future upgrades, light engine can be removed without tools.

LED Optics - High precision injection molded cross-beam technology reflectors are vacuum-metallized. IDA approved "Dark Sky Friendly" at 0° Mounting.

LED Driver - LEDs are driven by RoHS compliant high-efficiency driver. Minimum starting temperature is -35ºC (-31ºF).

Surge Protection - Surge protection device safeguards electrical components from indirect lighting strikes and surges up to (20kA standard). RoHS compliant.

Mounting Arm - Welded steel with powder coat finish. To fit Ø3" Tenon.

Pole Adapter - Made from high pressure die cast, low copper aluminum alloy. To fit Ø 3" Tenon.

Glass Lens - Tempered and screened glass lens protects and helps seal optical chamber.

Tool-Less Latch - Tool-less die cast aluminum latch for easy access to light engine.

Access Door - Lower casting features tempered glass lens and a built-in hinge that attaches to upper casting on mounting arm side. Other side is secured with tool-less latch for ease of maintenance.

Surge Protection - Designed to protect luminaire from electrical surge (up to 10kA).

Internal Step-down Transformer - Step-Down Autotransformer for 347V and 480V.

Mounting Arm - Welded steel with powder coat finish.

Exterior Luminaire Finish - Selux utilizes a high quality Polyester Powder Coating. All Selux luminaires and poles are finished in our Tiger Drylac certified facility and undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention. All products are tested in accordance with test specifications for coatings from ASTM and PCI.

Standard exterior colors are White (WH), Black (BK), Semi-Matte Black (BL), Bronze (BZ), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide.

5 Year Limited LED Luminaire Warranty - Selux offers a 5 Year Limited Warranty to the original purchaser that the Selux LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the fixture, LED driver and LED light engine when installed and operated according to Selux instructions. Fixture suitable for ambient temperatures of 40° C (104° F). For details and exclusions, see "Selux Terms and Condition of Sale."

Listings and Ratings: Luminaire tested to IESNA LM-79-08 and LED tested to LM-80 test standards at 25° C ambient temperature.

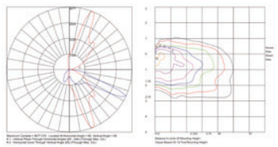
Visit selux.us for our LED End of Life recycling policy.

Avanza 600

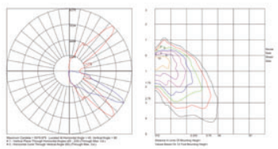
selux

Photometry

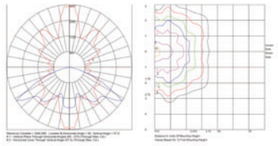
R3W Optics / 1050 mA / 4000K CCT
Catalog #: AV6-S1-0*-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 7695
Input Watts: 107W
Efficacy: 72
CCT: 4000K
CRI (Ra): 80
Maximum candela of 8677 at 65° from vertical.
IES classification: Type III Wide
BUG Rating: B1-U0-G2



R3N Optics / 1050mA / 4000K CCT
Catalog #: AV6-S1-0*-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 7736
Input Watts: 107W
Efficacy: 72
CCT: 4000K
CRI (Ra): 80
Maximum candela of 9378 at 60° from vertical.
IES classification: Type III Narrow
BUG Rating: B3-U0-G3



R5 Optics / 1050mA / 4000K CCT
Catalog #: AV6-S1-0*-L105-R3W-40-120
Report #: LM-63-1995
Delivered Lumens: 7439
Input Watts: 107W
Efficacy: 73
CCT: 4000K
CRI (Ra): 80
Maximum candela of 3446 at 57.5° from vertical.
IES classification: Type V
BUG Rating: B3-U0-G3



Avanza 600

selux

Photometry

Conversion Chart
Values based on 'W' (4 ft mounting height)

Mounting Height	Multiply
10' (3.0 m)	1.27
12' (3.7 m)	1.16
14' (4.3 m)	1.07
16' (4.9 m)	1.00
18' (5.5 m)	0.84

LED Information (Based on R1 Optics)	Netural White (4000K)		Warm White (3000K)	
	L105	L700	L105	L700
Performance				
Delivered Lumens	7736	4953	6452	4131
Wattage	107	72	107	72
Delivered Lumens per Watt	72	69	61	58
Photometric Performance				
Optics	Lenses			
Distribution	Type V			
Dark Sky / Full-Cutoff	Yes			
LED Specifications				
# of Emitters	32			
Color Temerature (CCT)	4000K		3000K	
CCT Tolerance (by LED Manufacturers)	± 7%			
CRI	> 80			

NOT FOR CONSTRUCTION

ISSUED FOR	YR	DATE
DESIGN REVIEW	20	11SEP

Author
9/10/2020 12:52:25 PM
Plot Date:

DR7.3.4

22070 SITE LIGHTING CUT SHEETS

SHEET NOTES

A. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SR' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SR' IS INTENDED FOR GENERAL ARCHITECTURAL ACCENT LIGHTING ONLY AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION.

B. EXTERIOR ACCENT LIGHTING FIXTURE TYPE 'SS' IS NOT SHOWN ON PLAN. FIXTURE TYPE 'SS' IS MOUNTED TO UNDERSIDE OF OVERLOOK PLATFORM FOR LIGHTING OF AXON ICON AND DOES NOT CONTRIBUTE TO SITE LIGHTING LEVELS. REFER TO SHEET DR6.4, BUILDING ACCENT LIGHTING, FOR ADDITIONAL INFORMATION

SMITHGROUP
455 NORTH THIRD STREET
SUITE 250
PHOENIX, AZ 85004
602.265.2200
www.smithgroup.com

AXON

NOT FOR CONSTRUCTION

ISSUED FOR	YR	DATE
DESIGN REVIEW	20	11SEP

DR7.3.5

KELVIX

SIGNWAVE™ 3 (INDOOR/OUTDOOR)

SW3-SERIES | FLEXIBLE LIGHTING SYSTEM

Fixture Type: SR
Project: Axon
Location: _____

Color/Kelvin	WHITE (Specify CCT)	RED	GREEN	BLUE	AMBER	RGBW	CT (2500×5000K)
Wavelength	N/A	620-630nm	520-530nm	465-475nm	585-595nm	N/A	N/A
Wattage	3.7W/ft	2.2W/ft	3.7W/ft	3.7W/ft	2.2W/ft	4.6W/ft	3.7W/ft
Power Feed	Every 32ft	Every 50ft	Every 32ft	Every 32ft	Every 50ft	Every 16ft	Every 32ft
Production Intervals	2.188"	3.25"	2.188"	2.188"	3.25"	3.25"	3.25"

PRODUCT FEATURES

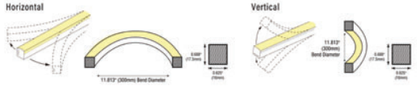
- Dimmable
- 50,000 hour life
- Flat profile for streamline projects
- Horizontal or vertical bending option
- IP67 or IP68 option
- UL-listed for indoor and outdoor use
- Factory-installed power feed
- Injection-molded flush end caps
- For use with 24V power supplies

SPECIFICATIONS

Series	SW3 - Signwave™ 3
Input Voltage	24V DC
Max Run Length	Unlimited, Refer to **Power Feed** Above
Lumens	162 Lm/ft (White)
Beam Angle	160°
Dimensions	0.625"(16mm) × 0.688"(17mm)
CRI	80+
Dimming Options	PWM, Triac, 0-10V, DMX, Hi-lume
Temp Range	-4°F (-20°C) to 113°F (45°C)

BENDING OPTIONS & PROFILE DIMENSIONS

Horizontal



Vertical

Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.0

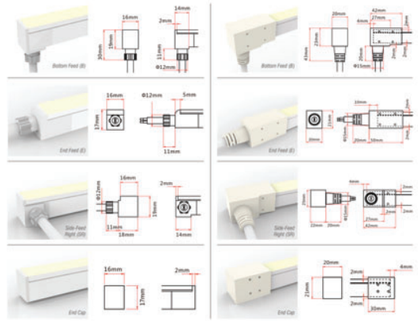
RoHS COMPLIANT | cULus LISTED | 24V DC | WET RATED

KELVIX

SIGNWAVE™ 3 (INDOOR/OUTDOOR)

SW3-SERIES | FLEXIBLE LIGHTING SYSTEM

IP67 OPTIONS **IP68 OPTIONS**



ORDERING INFORMATION

Example: **SW3-36-RGBW-VR-E-S-IP67**

Series	Length (Unlimited)	Color	Bending	Feed Point	Feed Length	Rating
SW3		580NM		E		IP68
SW3	Inches	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 45K - 4500K 50K - 5000K RD - Red GRN - Green BL - Blue AM - Amber RGBW - Color Changing CT - Color Tuning	VR - Vertical HZ - Horizontal (Not available in RGBW)	B - Bottom Feed SL - Side-Feed Left SR - Side-Feed Right E - End Feed	S - Standard (118 inch) Inches - Custom length (inches)	IP67 IP68

KELVIX

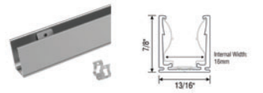
SIGNWAVE™ K-ACCESSORIES

FOR SIGNWAVE™ 3 SERIES LIGHTING SYSTEM

Fixture Type: _____
Project: _____
Location: _____

SW-K-CH-AL-2M

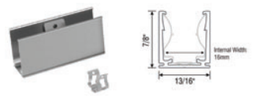
(2-meter aluminum mounting channel)



SPECIFICATIONS	
Model	SW-K-CH-AL-2M
Material	Aluminum
Length	2m (78-3/4")
Width	20.7mm (13/16")
Height	22.3mm (7/8")
Internal Width	16mm (5/8")

SW-K-CLP-AL

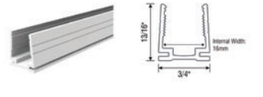
(1.5-inch aluminum mounting clip)



SPECIFICATIONS	
Model	SW-K-CLP-AL
Material	Aluminum
Length	38.1mm (1-1/2")
Width	20.7mm (13/16")
Height	22.3mm (7/8")
Internal Width	16mm (5/8")

SW-K-CH-PL-2M

(2-meter plastic mounting clip)



SPECIFICATIONS	
Model	SW-K-CH-PAL-2M
Material	Plastic & Aluminum
Length	2m (78-3/4")
Width	19mm (3/4")
Height	21mm (13/16")
Internal Width	16mm (5/8")

ACULUX

AX25Q A/2A/3A G2

2" LED RECESSED MULTIPLE
800/1200/1500 LUMEN
SQUARE APERTURE
NEW CONSTRUCTION 1/2/3 HEAD
AX25Q

ACULUX LUMINAIRE
Luminaire Type: <1>
Catalog Number (autopopulated):

PRODUCT SPECIFICATIONS

LED Light Engine Fixture to have color consistency within a 2-step MacAdam ellipse • 2700K, 3000K, 3500K, or 4000K color temperatures are available with 80 CRI minimum • 2700K and 3000K also available with 90 CRI minimum.

Modular Optics 45° cutoff to source and source image • Available with field interchangeable optics in 15°, 24°, 35° and 45° distributions • Additional distributions of 20°, 30°, 40°, 50°, 55°, 60°, 60° x 20° FWHM can be achieved with the use of the diffusing films and spot primary optic.

Adjustability Patented Acu-Aim™ precision geared hot-aiming achieves 365° rotation, 45° tilt with any ceiling thickness from ½" to 1" • Acu-Aim™ translates light engine forward as it is aimed off nadir, ensuring maximum light and low brightness • Black aiming mechanism preserves dark aperture.

Reflector Die cast trim in white or black with black shield that eliminates visibility into housing.

Trims Style Self Flanged and Flangeless styles are available • Flangeless installation is compatible with drywall or solid ceilings such as wood/stone/tile.

LED Driver Choice of two drivers to accommodate voltages from 120-277 volts AC at 50/60Hz • Dims as low as 1% with most incandescent and electronic low voltage dimmers or most 0-10V dimmers • For a list of compatible dimmers, refer to ACULED12DIM6 • Power Factor > 0.9 • Field replaceable from above or below ceiling.

Life Rated for 50,000 hrs at 70% lumen maintenance.

Codes/Labels UL and cUL listed for wet locations depending on trim • ICAT rated new construction fixture meets energy code Air Leakage requirements per ASTM E283 • ENERGY STAR® Certified with all color temperatures with 80 CRI and spot, narrow flood, and flood optics • Union made.

New Construction Mounting Features patented (US Patent 8,038,113) Pro-Vi™ bar hanger system, permitting quick placement of housing with 24" on-center joists or suspended ceilings • Also features vertically adjustable mounting brackets (butterfly brackets).

Wiring Housings includes multiple ½" knockouts and is compatible with rigid conduit and flexible supply • All housings supplied with quick connect electrical connectors.

Ceiling Thickness ½" – 1½" ceiling • Vertical aiming in ceiling 1" to 1 ½" is reduced from 40° to 25°.

BEVEL PINHOLE

SCOOP

Warranty - 5YR 5-year limited warranty. Complete warranty terms located at: http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

NOTE: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25°C.
Specifications subject to change without notice.

ORDERING INFORMATION

Example: AX25Q 4 G2 10LM 30K 80CRI 340 FPC 120 EAT 2SQABV BD WWH FAA2SQ/075

HOUSING ORDERING

Series / Housing Style	Lumens	CCT	CRI	Beam	Driver	Voltage[1]	Options
AX25Q A G2 New Construction Universal	08LM 800 Lumens	27K 2700K	80CRI	15D 15° beam	FPC Phase-cut dimming, 1% dim	120	CP[14] Chicago Plenum
AX25Q 3A G2 New Construction 3-Head	10LM 1000 Lumens	30K 3000K	90CRI	24D 24° beam	ZT 0-10V Dimming, 1% dim	277	ICAT[2] IC, Air-tight
AX25Q 3A G2 New Construction 3-Head	15LM 1500 Lumens	35K 3500K		35D 35° beam			HLIGHT[3] slight dimming pack controls (Must be remotely mounted)
AX25Q 3A G2 New Construction 3-Head		40K 4000K		45D 45° beam			

Trim Style	Reflector Finish	Flange Style / Finish	Environment	Ceiling Installation
ADJUSTABLE ACCENT - 1-HEAD	BD Black Diffuse	SELF FLANGED	WET Wet location	SELF FLANGED & FLANGELESS, WOOD/STUD/TILE
2SQABV Bevel		WHSF White painted trim		Ceiling ≤ .75"
2SQAPIN Pinhole, 1 ½"		BLSF Black painted trim		CTA2SQ/120 Ceiling 0.75" - 1.25"
2SQASC Scoop		FLANGELESS		CTA2SQ/150 Ceiling 1.26" - 1.5"
ADJUSTABLE ACCENT - 2-HEAD		WWH Flangeless, White trim		FLANGELESS, DYPSUM
2SQASABV Bevel		BLNK Flangeless, Black trim		FAA2SQ/075 Ceiling ≤ .75"
2SQASAPIN Pinhole, 1 ½"				FAA2SQ/120 Ceiling 0.75" - 1.25"
2SQASSC Scoop				FAA2SQ/150 Ceiling 1.26" - 1.50"
ADJUSTABLE ACCENT - 3-HEAD				2-Head
3SQASABV Bevel				FAA2SQ2/075 Ceiling ≤ .75"
3SQASAPIN Pinhole, 1 ½"				FAA2SQ2/120 Ceiling 0.75" - 1.25"
3SQASASC Scoop				FAA2SQ2/150 Ceiling 1.26" - 1.50"

Ordering Notes

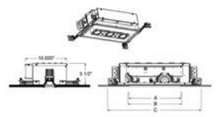
[1] 90CRI available on 27K and 30K only.
[2] IC/ICAT standard on 2T, 12D trimless and on FPC.
[3] 0-10V and ELV available up to 15LM for 1-head and 10LM for 2-head and 3-head.
[4] WD/WET compatible with 2T only.
[5] WET not available on 2SQASSC, 2SQASSC, 2SQASSC.
[6] 12" x 4ft or 4.5' rated.

ACULUX

AX25Q A/2A/3A G2

2" LED RECESSED MULTIPLE
800/1200/1500 LUMEN
SQUARE APERTURE
NEW CONSTRUCTION 1/2/3 HEAD
AX25Q

DIMENSIONS



SELF FLANGED INSTALLATION			
# of Heads	Cutout Size (A)	Trim Dimension (B)	Dimension (C)
1	2⅛"W x 2⅛"H	3.410" x 3.410"	1⅝"/8"
2	2⅛"W x 3½"H	3.410" x 6.410"	18"
3	2⅛"W x 12⅞"H	3.410" x 13.410"	23"

FLANGELESS INSTALLATION			
# of Heads	Cutout Size (A)	Trim Dimension (B)	Dimension (C)
1	3" x 3"	2.875" x 2.875"	1⅝"/8"
2	3" x 6"	2.875" x 7.875"	18"
3	3" x 12"	2.875" x 12.875"	23"

ELECTRICAL DATA

Lumen Package	08LM		08LM		08LM	
Number of Heads	1		2		3	
Driver Option	FPC	ZT	FPC	ZT	FPC	ZT
Voltage	120	120	277	120	120	277	120	120	277
Input Power	10.0	9.9	10.1	20.0	19.8	20.2	30.0	29.7	30.3
Input Current	0.08	0.08	0.04	0.16	0.16	0.08	0.24	0.24	0.12
Frequency	50/60Hz			50/60Hz			50/60Hz		
Power Factor	0.99	0.99	0.9	0.99	0.99	0.9	0.99	0.99	0.9

Lumen Package	12LM		12LM		12LM	
Number of Heads	1		2		3	
Driver Option	FPC	ZT	FPC	ZT	FPC	ZT
Voltage	120	120	277	120	120	277	120	120	277
Input Power	14.7	14.3	14.3	29.4	28.6	28.6	44.1	42.9	42.9
Input Current	0.12	0.12	0.06	0.24	0.24	0.12	0.36	0.36	0.18
Frequency	50/60Hz			50/60Hz			50/60Hz		
Power Factor	0.99	0.99	0.92	0.99	0.99	0.9	0.99	0.99	0.9

Lumen Package	15LM		15LM		15LM	
Number of Heads	1		2		3	
Driver Option	FPC	ZT	FPC	ZT	FPC	ZT
Voltage	120	120	277	120	120	277	120	120	277
Input Power	17.3	16.5	16.4	34.6	33.0	32.8	51.9	49.5	49.2
Input Current	0.14	0.14	0.06	0.28	0.28	0.12	0.42	0.42	0.18
Frequency	50/60Hz			50/60Hz			50/60Hz		
Power Factor	0.99	0.99	0.92	0.99	0.99	0.9	0.99	0.99	0.9

ACULUX

AX25Q A/2A/3A G2

2" LED RECESSED MULTIPLE
800/1200/1500 LUMEN
SQUARE APERTURE
NEW CONSTRUCTION 1/2/3 HEAD
AX25Q

ACCESSORIES

Cat. #	Description
2AX03OPT/15D	15° Spot Optic
2AX03OPT/24D	24° Narrow Flood Optic
2AX03OPT/35D	35° Flood Optic
2AX03OPT/45D	45° Wide Flood Optic
AF2/10	10° Film (Use with 15D Optic)
AF2/20	20° Film (Use with 15D Optic)
AF2/30	30° Film (Use with 15D Optic)
AF2/40	40° Film (Use with 15D Optic)
AF2/50	50° Film (Use with 15D Optic)
AF2/60	60° Film (Use with 15D Optic)
AF2/90x1	90°x1° Film (Use with 15D Optic)
HB1	(2) Real Nail 3 Bar Hangers
HB36	(2) 26" C-Channel Bar Hangers
HB50	(2) 50" C-Channel Bar Hangers
LB27	(2) 27" Linear Bar Hangers

To order, specify catalog number.

DIFFUSING FILMS

To achieve the desired beam angle (FWHM), specify the following primary LED optic on the luminaire and order the diffusing film accessory from the table below.

Desired FWHM	Primary Optic	Film
15°	15D	-
20°	15D	AF2/10
24°	24D	-
30°	15D	AF2/20
35°	35D	-
40°	15D	AF2/30
45°	45D	-
50°	15D	AF2/40
55°	15D	AF2/50
60°	15D	AF2/60
60°x20°	15D	AF2/90x1

TRIM SELECTION

ADJUSTABLE ACCENT

1-Head	2-Head	3-Head	Construction:	IC&T & Non-IC&T
2SQABV	2SQASABV	3SQASABV	CCT/CRI:	80CRI 27K, 30K, 35K, 40K
			Optic:	15D, 24D, 35D, 45D
2SQAPIN	2SQASAPIN	3SQASAPIN	Construction:	IC&T & Non-IC&T
			CCT/CRI:	80CRI 27K, 30K, 35K, 40K
			Optic:	15D, 24D, 35D, 45D
2SQASC	2SQASASC	3SQASASC	Construction:	IC&T & Non-IC&T
			CCT/CRI:	80CRI 27K, 30K, 35K, 40K
			Optic:	15D, 24D, 35D, 45D

ACULUX

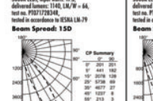
AX25Q A/2A/3A G2

2" LED RECESSED MULTIPLE
800/1200/1500 LUMEN
SQUARE APERTURE
NEW CONSTRUCTION 1/2/3 HEAD
AX25Q

PHOTOMETRICS

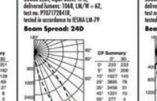
AX25Q A G2 15LM 30K 80CRI 15D FPC 120 2SQABV BD WET
3000K LEDs, input watts: 17.3, delivered lumens: 1745, LM/W = 66, test no. PT07172834B, tested in accordance to IESNA LM-79

Beam Spread: 15D



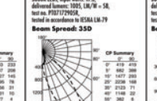
AX25Q A G2 15LM 30K 80CRI 24D FPC 120 2SQABV BD WET
3000K LEDs, input watts: 17.3, delivered lumens: 1745, LM/W = 67, test no. PT07172841B, tested in accordance to IESNA LM-79

Beam Spread: 24D



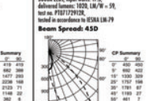
AX25Q A G2 15LM 30K 80CRI 35D FPC 120 2SQABV BD WET
3000K LEDs, input watts: 17.3, delivered lumens: 1595, LM/W = 58, test no. PT07172905B, tested in accordance to IESNA LM-79

Beam Spread: 35D



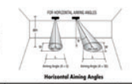
AX25Q A G2 15LM 30K 80CRI 45D FPC 120 2SQABV BD WET
3000K LEDs, input watts: 17.3, delivered lumens: 1410, LM/W = 59, test no. PT07172920B, tested in accordance to IESNA LM-79

Beam Spread: 45D



CBCP - Centerbeam candlepower
FC - Footcandles at beam center (pin point)

In vertical aiming applications, aim point (A) is determined by dividing distance from the wall (D) by the tangent of the desired aim angle (A) (0.3774 for 20°, 1.0 for 45°).



Horizontal Aiming Angles | Vertical Aiming Angles

Beam Spread	CBCP	0° MH	0° FC	0° L	0° W	30° FC	30° L	30° W	45° FC	45° L	45° W
15°	6213	4	388	1.4	1.4	252	2.0	1.7	213	2.4	1.8
		6	173	2.2	2.2	112	2.9	2.5	183	3.6	2.8
		8	97	2.9	2.9	60	3.9	3.3	49	4.8	3.7
		10	62	3.6	3.6	40	4.9	4.2	31	8.7	8.0
		12	43	4.3	4.3	28	5.9	5.0	22	10.4	9.6
24°	4092	4	256	1.8	1.8	166	2.5	2.1	128	3.5	4.4
		6	114	2.8	2.8	74	3.7	3.2	57	5.2	6.6
		8	64	3.7	3.7	42	5.0	4.2	32	6.9	8.7
		10	41	4.6	4.6	27	6.2	5.3	20	8.7	10.9
		12	28	5.5	5.5	18	7.5	6.4	14	10.4	13.1
35°	2332	4	146	2.4	2.4	95	3.3	2.8	73	3.5	6.6
		6	65	3.6	3.6	42	5.0	4.2	32	5.2	10.0
		8	36	4.8	4.8	24	6.6	5.6	18	6.9	13.3
		10	23	6.0	6.0	15	8.3	7.0	12	8.7	16.6
		12	16	7.2	7.2	11	10.0	8.4	8	10.4	19.9
45°	1825	4	114	3.2	3.2	74	4.5	3.7	57	3.5	12.1
		6	51	4.8	4.8	33	6.7	5.5	25	5.2	18.2
		8	29	6.4	6.4	19	9.0	7.4	14	6.9	24.3
		10	18	8.0	8.0	12	11.2	9.2	9	8.7	30.3
		12	13	9.6	9.6	8	13.4	11.0	6	10.4	36.4

LUMEN OUTPUT MULTIPLIERS

Color Temperature	CRI	Multiplier
2700K	80	0.95
3000K	80	1.00
3500K	80	1.05
4000K	80	1.10

Color Temperature	CRI	Multiplier
2700K	90	0.93
3000K	90	0.97

Lumen Package	Multiplier
8LM	0.58
12LM	0.86
15LM	1.00

Author
9/10/2020 12:53:28 PM
Plot Date:

22070

SITE LIGHTING CUT SHEETS

DEVELOPMENT REVIEW NARRATIVE

DEVELOPMENT REVIEW BOARD GUIDELINES:

A. In considering any application for development, the Development Review Board shall be guided by the following criteria:

1. The Board shall examine the design and theme of the application for consistency with the design and character components of the applicable guidelines, development standards, Design Standards and Policies Manual, master plans, character plan and General Plan.

The Axon campus has been designed with a consistent theme throughout the entire site, which conforms to the applicable guidelines, development standards, Design Standards and Policies Manual, master plans, Greater Airpark Area Plan and the General Plan. Consistency with these plans are detailed thoroughly in the rezoning narrative.

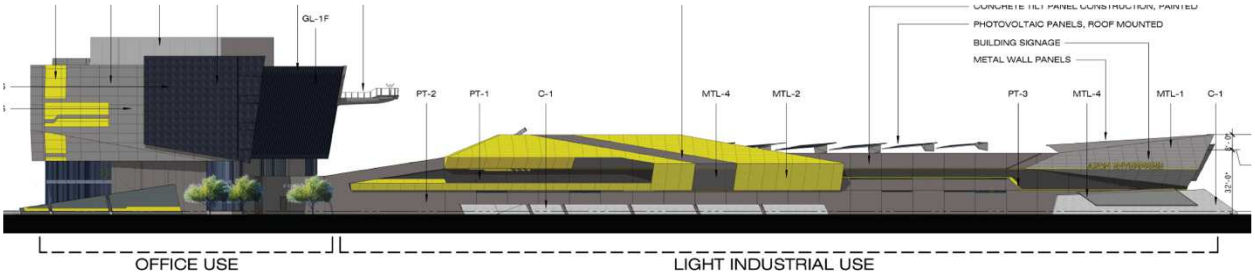
2. The architectural character, landscaping and site design of the proposed development shall:

a. Promote a desirable relationship of structures to one another, to open spaces and topography, both on the site and in the surrounding neighborhood;

The site has been designed and planned cohesively to ensure maximum compatibility between the structures, open space and landscape. The main Axon campus building is located at a central location on the site, with the parking and open space leading from the surrounding streets to the building.

b. Avoid excessive variety and monotonous repetition;

Axon has proposed a building that is interesting, varied and exciting. The materials are harmonious in color and texture but avoid monotony and the proposed colors tastefully reflect the Axon company signature look and colors. A sleek, modern look is achieved through the use of glazing, metal panels and exposed concrete. The building elevations reflect the unique, iconic design and shape that feature a central building high point which then moves to lower elevation heights as the building nears the borders of the site.



c. Recognize the unique climatic and other environmental factors of this region to respond to the Sonoran Desert environment, as specified in the ***Sensitive Design Principles****:*

1. The design character of any area should be enhanced and strengthened by new development.

- Building design should consider the distinctive qualities and character of the surrounding context and, as appropriate, incorporate those qualities in its design.

The Axon campus building is designed to consider the qualities and character of the surrounding context and has incorporated some of these qualities into its design. The building design reflects the theme and color character of the existing commercial nature of the area, near the existing Axon building and office complexes, but the Axon campus distinguishes itself with a unique design.

This design intends to be minimally invasive to the natural feel of this area by featuring a large amount of glazing. The building color palette is muted in grey metal panels and exposed concrete, creating a desert industrial aesthetic.

- Building design should be sensitive to the evolving context of an area over time.

The Axon campus will be located in an undeveloped location near the Loop 101 Freeway and Hayden Road within the Greater Airpark Area. This area is envisioned as a mainly employment centric hub featuring industrial uses and design. The building is designed to create a lasting presence with quality materials and architectural features that incorporates existing character while solidifying the building's unique, iconic design as one-of-a-kind. The inclusion of a simple natural color palette will facilitate further cohesive development with a clean contemporary design.

2. Development, through appropriate siting and orientation of buildings, should recognize and preserve established major vistas, as well as protect natural features such as:

- Scenic views of the Sonoran desert and mountains

The site is located at the southeast corner of Hayden Road and the elevated Loop 101 Freeway. Given the proximity to the freeway overpass and on- and off-ramps, the development will not significantly alter the views of the desert from Hayden Road.

- Archaeological and historical resources

A Cultural Review was compiled by Arizona State Land Department for the subject site in January 2020. The review reveals that no cultural resources were observed. If cultural resources are found during the course of construction, appropriate measure will be taken to ensure that any archeological, paleontological or historical objects are reported to the Director of the Arizona State Museum pursuant to A.R.S. §41-844.

3. Development should be sensitive to existing topography and landscaping.

- A design should respond to the unique terrain of the site by blending with the natural shape and texture of the land while minimizing disturbances to the natural environment.

The building is designed to reflect natural changes in the desert environment and elevations, including rock formations and mountains. The Axon campus building design is inspired by space and science fiction and blends both this modern and contemporary concept with the character of the existing buildings around the site and the mountain and rugged terrain of the Sonoran desert. Additionally, the rounded triangular building shape mirrors the configuration of the parcel itself.

4. Development should protect the character of the Sonoran desert by preserving and restoring natural habitats and ecological processes.

The site is planned to be planted with native trees, shrubs and bushes. This will protect the character of the Sonoran desert and restore natural habitats. The native Sonoran desert plants included in the planting palette are as follows: Blue Palo Verde and Ironwood Trees, Chuparosa and Creosote shrubs, Century Plants, Saguaro cacti, Ocotillo accents and Triangle Leaf Bursage and Black Dalea groundcover.

5. The design of the public realm, including streetscapes, parks, plazas and civic amenities, is an opportunity to provide identity to the community and to convey its design expectations.

- Streetscapes should provide continuity among adjacent uses through use of cohesive landscaping, decorative paving, street furniture, public art and integrated infrastructure elements.

The streetscape will provide continuity by improving Mayo Boulevard and the roundabout at Perimeter Drive. This portion of improvements does not include Hayden Road streetscape but a cohesive landscape palette is proposed for the north side of Mayo Boulevard, including native desert trees and shrubs consistent with existing nearby landscaping.

6. Developments should integrate alternative modes of transportation, including bicycles and bus access, within the pedestrian network that encourage social contact and interaction within the community.

The site is located at the southeast corner of Hayden Road and the Loop 101 Freeway with convenient access to an existing Pedestrian / Bicycle Corridor. The site is located close to nearby multi-family residential development, providing easy access for multi-modal transportation for employees residing close to the site.

7. Development should show consideration for the pedestrian by providing landscaping and shading elements as well as inviting access connections to adjacent developments.

- Design elements should be included to reflect a human scale, such as the use of shelter and shade for the pedestrian and a variety of building masses.

The proposed development will be well landscaped and reflect the human scale from Hayden Road and Mayo Boulevard. As the building nears the Loop 101 Freeway, the building scale is enlarged, providing scale to the vehicles traveling on the Freeway.

The building mass will be broken up into a variety of heights and materials including metal and glass panels and painted different shades of grey with Axon Yellow accents. The front (south) of the building, facing Mayo Boulevard, will consist of glass and grey metal panels mixed with concrete. The combination of colors and material create a unique, modern, architecturally interesting and appealing design.

8. Buildings should be designed with a logical hierarchy of masses:

- To control the visual impact of a building's height and size

The highest point of the Axon building is located at the entrance, facing the parking lot and ensuring appropriate access to the building. The building moves to lower elevation heights as the building gets narrower. The impact of the building height will be similar to that of nearby freeway elevations.

- To highlight important building volumes and features, such as the building entry.

As described above, the important features of the building will be accented by changes in the building height – the tallest section of the building at the building entrance and widest section. Other features of the building include an observation deck on the northwest side of the building entrance portion overlooking the manufacturing portion of the building.

9. The design of the built environment should respond to the desert environment:

- Interior spaces should be extended into the outdoors both physically and visually when appropriate

The Axon campus building is designed to unite the interior and exterior building spaces. This includes the extension of the observation deck from the 5th floor and the inclusion of an atrium on the ground level, which opens up the building from the ground floor up to the fifth floor. An amphitheater is also planned at the front (southeast) of the building, along with tiered event space and an outdoor dining patio on the west side of the building.

- Materials with colors and coarse textures associated with this region should be utilized.

The hardscape planned for the exterior of the site will incorporate the colors and textures of the region, including plain gray concrete, finished in light broom and integral color concrete with a light acid etch finish. Raised planters are proposed in the tiered event space, which will feature native desert plants, bringing the surrounding character of the desert into the project design.

The landscape colors are generally uniform in native shades of green with some accents provided by flowering ground covers and shrubs.

- A variety of textures and natural materials should be used to provide visual interest and richness, particularly at the pedestrian level. Materials should be used honestly and reflect their inherent qualities

The materials and textures provided will be used in their natural state, including metal and concrete panels. The panels will either be used with a natural finish or be painted a complimentary neutral color to provide richness and visual interest. Because the site is intended to function as a campus, pedestrian experience is key to ground floor design to convey a desert industrial aesthetic that pays homage to Axon's technical nature and Scottsdale's natural desert beauty.

- Features such as shade structures, deep roof overhangs and recessed windows should be incorporated.

Shade will be provided via roof overhangs, angled architecture and a shade structure over the tiered event space.

10. Developments should strive to incorporate sustainable and healthy building practices and products.

- Design strategies and building techniques, which minimize environmental impact, reduce energy consumption, and endure over time, should be utilized.

The site has been designed to incorporate a xeriscape landscape palette to minimize water usage. Additional sustainability features of the building include high performance glazing, photovoltaic (solar) panels, and low to no VOC interior materials and finishes. The large amounts of glass provided on the exterior of the building will ensure an abundance of daylight into the internal spaces, which will reduce lighting and energy usage.

11. Landscape design should respond to the desert environment by utilizing a variety of mature landscape materials indigenous to the arid region.

- The character of the area should be emphasized through the careful selection of planting materials in terms of scale, density, and arrangement

The landscape palette is a mixture of native desert trees (Ironwood, Blue Palo Verde), shrubs (Creosote, Chuparosa), accents (Century Plant,

Ocotillo, Saguaro) and ground cover (Black Dalea, Triangle Leaf Bursage) intermixed with hybrid trees and plants bred for the Sonoran desert environment (Thornless Mesquite, Pink Dawn Chitalpa). The arrangement and density of the plants has been carefully planned to provide groundcover and shade but reflect natural groupings and plantings.

- The landscaping should complement the built environment while relating to the various uses.

The planned landscape planting around the building is orderly and organized, with raised planters around the building base and tiered event space. As the landscape is distanced further from the building, it is arranged to reflect the natural environment and plant groupings and densities.

12. Site design should incorporate techniques for efficient water use by providing desert adapted landscaping and preserving native plants.

- Water, as a landscape element, should be used judiciously

The landscape palette has been carefully curated with the natural Sonoran desert in mind – native, low water usage plants have been chosen for the site. Water usage for landscape will be minimal and the water provided to the site for landscape will be used judiciously.

- Water features should be placed in locations with high pedestrian activity.

A water feature has been designed for the Axon campus site, at the front of the building entrance, which will have the highest density of pedestrian activity. The water feature will adhere to City of Scottsdale Code of Ordinances Article VII Division I Section 49-242 for Water Conservation.

13. The extent and quality of lighting should be integrally designed as part of the built environment.

- A balance should occur between the ambient light levels and designated focal lighting needs.

The lighting for the Axon campus has been designed to balance between the ambient light levels and designated focal lighting needs while serving as a unique design element to the iconic feature building in Axon signature Yellow.

- Lighting should be designed to minimize glare and invasive overflow, to conserve energy, and to reflect the character of the area.

The site lighting has been designed to minimize glare and invasive overflow. The lighting will be designed to be no more intense than light from the adjacent Loop 101 Freeway.

14. Signage should consider the distinctive qualities and character of the surrounding context in terms of size, color, location and illumination.

- Signage should be designed to be complementary to the architecture, landscaping and design theme for the site, with due consideration for visibility and legibility.

The Axon campus signage will be designed to be both unique and identifying as well as tasteful and considerate of the character of the surrounding area. Future signage will be integrated with the overall design aesthetic including materials and colors.

*d. Conform to the recommendations and guidelines in the **Environmentally Sensitive Lands (ESL) Ordinance**, in **the ESL Overlay District**; and*

The Axon campus site is not located in the ESL Overlay District.

*e. Incorporate unique or characteristic architectural features, including building height, size, shape, color, texture, setback or architectural details, in the **Historic Property Overlay District**.*

The Axon campus site is not located in the Historic Property Overlay District and does not have any existing buildings on the site.

3. Ingress, egress, internal traffic circulation, off-street parking facilities, loading and service
areas and pedestrian ways shall be so designed as to promote safety and convenience.

As shown in the Pedestrian Circulation Plan and Vehicular Circulation Plan, vehicular access to the site comes from Hayden Road, along Mayo Boulevard and into two separate entries, which lead directly to the vehicular parking locations. Pedestrian circulation will lead from the paring areas directly into the building from all sides of the building.

The Axon campus loading and service area is situated on the north side of the building, away from the pedestrian uses and in a distinct and safe designated location.

4. If provided, mechanical equipment, appurtenances and utilities, and their associated screening shall be integral to the building design.

Mechanical equipment is provided and screened in a manner that blends into the building design with the use of grey metal panels, similar to those used on the lower elevations of the building. Portions of mechanical equipment adjacent to the Loop 101 Freeway will not be screened as the freeways itself will act as the screening.

5. Within the Downtown Area, building and site design shall:

a. Demonstrate conformance with the ***Downtown Plan Urban Design & Architectural Guidelines****;*

b. Incorporate urban and architectural design that address human scale and incorporate pedestrian-oriented environment at the street level;

c. Reflect contemporary and historic interpretations of Sonoran Desert architectural traditions, by subdividing the overall massing into smaller elements, expressing small scale details, and recessing fenestrations;

d. Reflect the design features and materials of the urban neighborhoods in which the development is located; and

e. Address building mass, height, materials, and intensity transitions between adjacent/abutting Type 1 and Type 2 Areas, and adjacent/abutting Type 2 Areas and existing development outside the Downtown Area.

The proposed Axon campus site is not located within the Downtown Area.

6. The location of artwork provided in accordance with the Cultural Improvement Program or Public Art Program shall address the following criteria:

a. Accessibility to the public;

b. Location near pedestrian circulation routes consistent with existing or future development or natural features;

c. Location near the primary pedestrian or vehicular entrance of a development;

d. Location in conformance with the Design Standards and Policies Manual for locations affecting existing utilities, public utility easements, and vehicular sight distance requirements; and

e. Location in conformance to standards for public safety.

The proposed Axon campus is not utilizing the PDB Overlay District zoning in Scottsdale.

B. The burden is on the applicant to address all applicable criteria in this section.
This narrative addressed the above criteria applicable to the Axon campus development.

DESIGN GUIDELINES FOR OFFICE DEVELOPMENT

The following Design Guidelines for Office Development have been addressed for the proposed Axon campus development:

Site Design and Planning:

Natural and Built Site Characteristics

Topography – Grading / Drainage

1. *Site planning should respond to the natural characteristics of a site such as topography/ drainage patterns, existing vegetation, and visual resources. Proposed development (i.e. buildings, parking, and other features) should be designed and adapted to the specific site as opposed to altering the character and form of the site to accommodate development.*

   The site is graded uniquely due to its proximity to the Loop 101 Freeway as well as a drainage channel currently being constructed. These present some constraints to grading the site but our civil engineers have designed the site so as to not interfere significantly with the existing grading conditions. Drainage will be implemented through numerous runoff basins and landscape islands. The landscape palette will include various Sonoran desert plant species that will effectively provide soil erosion control and stabilization. The building itself is a one-of-a-kind, iconic design intended to provide corporate identity of Axon at this location.

   Vegetation

   The vegetation provided will include a variety of native plant species such as Ironwood and Blue Palo Verde trees, Ocotillo and Saguaro cacti. Only desert-appropriate vegetation has been planned for the site and will be placed in strategic, natural locations and densities.

2. *The orientation of buildings and outdoor spaces should consider the effect of sun angles and other climatic conditions and the preservation of views.*

   The Axon campus building is oriented at a diagonal so no one side of the building will receive the full effect of the sun on either east or west and the building architecture includes angles and building overhangs to protect southwest facing walls and windows from the sun. The location of the site, at the southeast corner of the Loop 101 and Hayden Road, ensures that the location of the building will not block views of the desert to the north as the Freeway on- and off-ramps and overpass exist in this location. Additionally, the building will be built to preserve the views to the direct east of the site.

Outdoor space is planned for the entryway of the building, with tiered event space covered by a shade canopy and additional covered outdoor dining space on the west side of the building. An atrium has been included inside the building, connecting the ground level to the fifth level of the building, providing employees the sensation of being outside.

Response to Context

3. *Build upon the established development pattern of the surrounding area.*
   The site is located at the intersection of Hayden Road and the Loop 101 Freeway, surrounded by various commercial and industrial uses and buildings and vacant parcels. The building reflects that character of the built environment, using greys, metal, glass and concrete materials that have been utilized by other existing buildings close to the site. The plant palette has been planned with native desert plant species, pulled from southwestern Arizona.

4. *Site plans should demonstrate an understanding of how the new development will be served by utility systems. The development team should work proactively with utility providers to coordinate and locate to the developments advantage any above ground equipment and related improvements considering that the best location(s) for such equipment is not always the one that is most convenient or least expensive. Below grade equipment vaults should be considered in some contexts if a grade level solution that is visually unobtrusive cannot be achieved.*
   The utility locations for this site have been planned and are provided on the landscape plans and provided for on the Preliminary Improvement Plan.

5. *Locate above ground utility equipment and related improvements away from visually featured areas of the landscape and where possible 30 to 50 feet back from important intersections. Where possible, group or co-locate equipment to more effectively provide accessibility and screening.*
   Utility locations have been carefully planned and are located away from important intersections.

6. *The site plan design should demonstrate a coordinated approach with the site plans of adjacent development (existing or planned).*
   The Axon campus site is designed with a similar approach as other sites in the vicinity. The main building will be separated from the surrounding uses and lots by the perimeter drive (Mayo Boulevard), parking and landscape. Mayo

Boulevard is a shared access drive from Hayden Road and services the neighborhood and commercial buildings to the south.

The site has been designed to separate refuse, loading, etc. from the pedestrian and employee access to the building. Loading and refuse is located off of a separate drive which does not conflict with pedestrian uses. Additional phases of the site, including potential civic uses and future Axon buildings have been planned for with street alignments off of Hayden Road.

7. *Not all development contexts are suitable for continuation in some development proposals nor do all areas or uses within in a community always present opportunities for interface. In situations where the continuation of an existing pattern of development is not desirable or is not feasible, the applicant should establish and document in the project narrative why the proposed design alternative is preferred and how the project will benefit the neighborhood and the community.*
   The site is situated in an ideal location for the Axon campus uses – other commercial uses exist in the area, and the close confines of the Loop 101 Freeway make the site undesirable for residential uses.

8. *Unless constrained otherwise, buildings should have a strong relationship to the street including a functional public entrance that is also a visual focus for the building. In place of street oriented public entrance, a strong pedestrian connection that establishes a sense of a formal public entry may be substituted.*
   The building will not necessarily be used or accessed by the general public. The entryway of the building is strongly defined with a water feature, arcaded entryway and interior Axon logo, all of which promotes intuition of a formal entrance.

9. *Where appropriate buildings should be used to help enclosure and define exterior spaces that are human scaled and furnished to encourage human use.*
   The Axon campus building will include an exterior tiered amphitheater and seating area, shaded by a canopy, for employee and company use. This area will be accented with landscape planters and a water feature, tastefully designed at human scale and encourage human use.

10. *The siting of buildings and parking areas should reinforce existing desirable spatial characteristics such as a common setback, rhythms or patterns established by building masses and their relationship to the street and to each other*

(illustration). Parking in front setbacks is generally discouraged especially in areas with high pedestrian activity or potential.

The building and the parking relate to each other appropriately, separated by obvious drives and landscape islands. The parking and parking lot aisles all lead to the building entrance and parking is located behind the landscape setbacks from the perimeter streets.

Circulation and Parking

11. *The circulation and parking areas of adjoining sites should be coordinated to the extent possible in the interest of efficiency and to reduce the dominance of the private automobile on the community landscape. Simultaneously, pedestrian movement should be reinforced and supported by site plans wherever possible in the interest of enhancing the walk-ability of commercial areas. The desirability of connectivity to residential development should be evaluated on a case-by-case basis.*

    This site will utilize the existing street system of Mayo Boulevard, with access to Hayden Road. Additional, interior access road will be constructed around the building and through the site, ensuring that the appropriate vehicles are able to access their designated locations, without pedestrian conflicts.

12. *Developments that exceed the parking required by City code or recognized industry standard are discouraged. All projects should seek opportunities and incorporate design features or transportation management strategies that strive to reduce automobile use (i.e. enhanced accessibility to public transit, enhanced pedestrian connectivity, trip reduction programs).*

    Although the development at this phase will exceed the required number of parking spaces (1,049 required and 1,083 provided), the 34 extra vehicular parking spaces ensure that all employees have parking and that parking for the Axon campus will not spill over into the adjacent neighborhood or other commercial uses. Additionally, the parking provided may serve future development on the rest of the site at a later date. At this time, the site and the adjacent streets are not serviced by the Valley Metro transit system.

13. *Site planning should work to disperse parking areas as opposed to creating singular expanses of pavement.*

    The parking is provided on the site in three separate locations, all separated from each other by landscape islands and drive aisles.

14. The use of varied paving materials (i.e. concrete pavers, stabilized granite and paving materials with textural and color variations) are encouraged to help relieve monotonous expanses of asphalt.

Five different types of paving materials and ground cover are proposed for the site including plain gray concrete in Light Broom finish, Integral Color Concrete in Light Acid Etch finish, asphalt, 3"-8" Stone Cobble and ½" Screened Decomposed Granite. These various ground covers provide textural and color variation and relieve monotony.

Pedestrian, Transit and Bicycle Facilities

18. Clearly delineated pedestrian paths (or open plazas) should connect building(s) with each other, parking areas, perimeter sidewalks and trails, and transit facilities. Developments are encouraged to make internal connections to adjoining sites whenever such connections will encourage walking over driving to the same destination.

The pedestrian paths connect to the building entrance and each other, leading from the parking areas. The surrounding uses are commercial and industrial in nature and it is unlikely that visitors to the Axon campus will also patronize the surrounding uses.

Enhanced Pedestrian Areas

23. Developments should feature an enhanced pedestrian area(s) (i.e. a plaza, patio, courtyard, linear promenade, terrace or usable landscaped area) scaled accordingly to the size and demands of the particular user or facility. Some zoning categories set forth specific requirements for such spaces.

The Axon campus will provide a tiered event space and amphitheater at the entrance of the building, complete with a shade structure, planter boxes and shade. Additional outdoor space will be provided in the form of a covered dining patio on the west side of the building. The size of the outdoor amenity spaces is appropriate for the size and the demand of the building.

25. Enhanced pedestrian areas should exhibit a higher level of design treatment incorporating seating, water features, sculpture, trash receptacles/ash urns, pedestrian scaled lighting, and other furnishings as appropriate for the specific user.

The dedicated pedestrian area has been designed to incorporate seating, a water feature, pedestrian scale lighting and landscape planters, all which will enhance the outdoor experience of the user.

Architecture

Local Influence on Design

The Greater Airpark Character Area Plan is addressed in the Rezoning portion of the narrative.

1. Building design should consider foremost the unique qualities (both natural and built) character of the surrounding area.

The building is designed to be both unique and unifying to the surrounding area. The materials and colors reflect the commercial and industrial uses surrounding the site and the distant mountain range and the desert landscape pulls from the surrounding Sonoran desert.

2. Multiple buildings on the same site or in closely related areas should share a common architectural theme and a similar vocabulary to that of nearby buildings. Precise replication or mirrored images of the same building on the same site or in the same area without adjustment for the building's unique setting and orientation are discouraged.

The Axon campus building will be the first building on the site. Future buildings are intended to share a common theme with the Axon campus, including glass facades, grey metal panels and unique, identifying signage and accents.

3. Architectural expressions that recall historic or current architectural styles that are unrelated or poorly adapted to the region are generally discouraged.

The building is designed to reflect the current architectural character of the area.

4. Unless otherwise indicated by an historic local context, building designs should demonstrate a coherent response to regional preferences and influences as further delineated in the section on "Regional Context".

The regional context of the area is reflected in the design and architecture of the building.

Regional Influence on Design

5. A building's design should refer to the dominant horizontal landforms of the Sonoran Desert and the southwest. Generally, a building's profile should step in increments to achieve full height. Forms of dramatic vertical proportion should accentuate the horizontal.

The Axon campus building is designed with a tall section of the building at one point and elevation stepdowns. The majority of the building is horizontal, with slight accents protruding from the building.

9. The use of covered walkways, trellises, arcades and similar architectural shading features is encouraged where pedestrian use will be heaviest (i.e. building entries and port-a coheres, pathways between building/transit facilities, perimeter locations where pedestrian activity justifies). Avoid creating areas of redundant shade such as occurs by placing an awning beneath an extended eave.

The building entrance, the most heavily accessed location on the site, will feature a pedestrian arcade, with tiered, shaded event space on each side.

11. Roof pitches should be shallow, not to exceed a pitch of 4:1 (rise to run) or flat.

The proposed roof line of the Axon campus building will either be flat or have a very slight rise, created by metal wall panels and the metal panel exoskeleton.

Scale and Proportion

12. New development should respect the predominant scale of development in the surrounding area especially the scale of development on adjoining sites.

This proposed new development will be approximately the same scale as the surrounding commercial and industrial uses. The scale is appropriate based on the location of the adjacent Loop 101 Freeway and the Hayden Road on- and off-ramps.

Architectural Detail, Material and Color

22. All sides of a building should reference consistent architectural detail and character. All site walls and screen walls should be architecturally integrated with the building or master planned area.

All four sides of the Axon campus building are consistent in architectural detail and character. This includes metal panels, a metal panel exoskeleton and glass glazing.

Mechanical Systems

29. HVAC and other mechanical systems must be screened in a manner that is architecturally integrated and considerate of the overall composition of the building.

The proposed HVAC and other mechanical equipment proposed for the roof will be screened with metal panels that blend into the character of the overall composition of the building.

Office Industrial, Office Warehouse and Office Aircraft Hanger

48. The exterior design of a building should reveal where possible differences in its internal function as expressions of height, massing and the composition of their elevations.

The Axon campus building will include both manufacturing uses and office uses – the office portion will be located at the southeast side of the building, built to five-stories in height. The manufacturing section of the building, angled to a point at the most northwest portion of the building, will have a be housed in a lower elevation "behind" the office use.

49. All industrial buildings, including pre-cast and sit-cast concrete structures, should incorporate sufficient architectural detail in the form of applied finishes, integral textures, patterns, colors, three dimensional recesses and projection.

The building is designed to house both office and industrial uses. The industrial / manufacturing use is located at the northwest section of the building and the exterior elevations have a variety of finished including metal panels, a metal panel exoskeleton, photovoltaic panels and concrete tilt panels. The colors include various shades of grey and signature Axon yellow accents.

Landscape Design

2. Unless otherwise constrained, landscaping should reinforce the character of neighboring properties and abutting streetscapes.

The proposed landscape palette includes various native desert species of trees, shrubs, accents and groundcover, all of which come from the surrounding Sonoran desert and have been used in the surrounding developments.

3. As a general rule, low water use and drought tolerant plants are preferred. Exceptions to this would include perennial plantings in private settings and in public/quasi-public settings that are intended to provide enjoyment to the larger community.

The proposed native species of trees, including Blue Palo Verde and Ironwood, bushes, including Creosote and Chuparosa, accents, including Saguaro and Ocotillo cacti and groundcover, including Black Dalea and Triangle Leaf Bursage, are all native to southwest United States and therefore, are low water use and drought tolerant plants.

12. A combination of dense landscaping, site walls, or berming/mounding should be provided to screen parking facilities, service and loading areas,

maintenance areas, storage areas, trash enclosures, utility cabinets and other similar elements.

Landscape has been provided along the exterior of the west side of the site where the loading and refuse will be located. This section of the site will also be shielded from the view of vehicles on Hayden Road by the future uses planned for the site.

Lighting

5. Lighting should operate for only the minimum number of hours required and should then be reduced in level or turned off. The design of lighting systems should anticipate lighting levels that will vary depending on building use, hours of operation, occupancy, and seasonal changes.

The proposed lighting for the site will conform to the City of Scottsdale standards are be appropriate for the uses on site.

7. Avoid competing light levels and ensure balanced light levels on-site and between adjacent properties. The exterior lighting design must take into consideration background lighting levels, lighting from other sources, and characteristics of the surrounding area.

The lighting planned for the Axon campus will be balanced and take into consideration the background lighting levels from other sources and the characteristics of the surrounding area.

Corporate Identification / Signage

1. Business identity, either by awnings, accent bands, paint or other applied color, literal depiction of a product, decorative roof details or materials should not be the dominant architectural feature. Accent colors should be used judiciously and corporate colors should be modified in intensity and chroma to fit within the larger proposed palette of colors and materials.

The Axon logo and specific yellow color will be applied to the building as an accent rather than a dominant architectural feature. The accent color has been applied to building to provide architectural interest and is complimented by the grey tones and materials of the larger proposed palette.

5. Repetitious signage on a building front should be avoided.

Rather than provide repetitious signage on the building front, the Axon logo is strategically placed inside the building, yet visible to the outside via the glass window fronts and atrium.

SCOTTSDALE DESIGN STANDARDS & POLICIES MANUAL

The following General Considerations & Requirements from the Scottsdale Design Standards & Policies Manual, Chapter 2, Site Planning, have been addressed regarding the Axon campus development.

Additional Design Guidelines

Site Context – Terrain: The Axon campus has been designed to incorporate the natural site landscape features into the design. This includes a native desert plant palette proposed in natural groupings and densities. The site is located at the intersection of the Loop 101 Freeway and Hayden Road, therefore natural views are not readily available but open spaces for employees have been incorporated into the building and native landscape is provided in this location in landscape planters.

Site Context – Buffering for Adjacent Land Uses: The site is diagonally adjacent to a residential use across Mayo Boulevard, therefore, buffering has been employed in the site design to separate the commercial and industrial uses in the Axon building from this residential neighborhood. This includes locating the refuse and loading as far north from the residential use as possible, separating the Axon building from the neighborhood with the parking lot, landscape islands and landscape setbacks, and orienting the building so that the office and commercial portion of the Axon building is the closest to the neighborhood while the manufacturing and industrial portion of the Axon building is located adjacent to the Loop 101 Freeway.

Site Context – Airport & Airpark Development: The site is located within the Scottsdale Airport Area and the Airport Vicinity Development Short Form is provided in the formal submittal package to the City of Scottsdale.

Site Context – Site Design Standards: The mechanical roof equipment will be screened from view via metal screens that match the character and design of the Axon campus building.

Site Context – Outdoor Lighting Ambient Lighting Zones: The proposed site is located in the Suburban Area, which allows for moderate to higher density uses. The site lighting is designed to be appropriate for this location in order to provide a safe, well-lit environment.

On-Site Circulation & Parking Area Design

Emergency Access & Fire Lanes: A Fire Access Plan is provided with this formal submittal plan set and provides locations of fire lanes, FDC and hydrant locations.

Parking Areas: The parking on the site has been designed to conform to the City of Scottsdale Zoning Ordinance. The landscape materials proposed for the parking lot landscape islands are part of the native plant palette curated for this site and are heat tolerant trees, bushes, accents and groundcovers. None of the parking aisles proposed will feature dead end turnarounds and the parking surface will be comprised of asphaltic pavement.

Refuse Collection: The location of the refuse is above ground and located in a location that is easily accessible for refuse trucks. The approach will provide vertical clearance and provides a minimum 50-foot radius for turnaround.

Pedestrian Circulation Within a Development: The pedestrian circulation has been designed to clearly lead from the parking areas to the front of the building entrance and should avoid conflicts with vehicles throughout the site.

Landscape Design

Landscape Design – Design Standards: The plant palette provided will adhere to the ADWR Low Water Use / Drought Tolerant plant list. The plants proposed will not be planted in either a PUE or Emergency Vehicle Access Easement and will be planted at least 7 feet from an underground public water or sewer lines, etc. and the proposed plant palette does not include the prohibited plants listed.

The decomposed granite on the site has been proposed as installed at a minimum of 2" depth, per the design standards. Trees will not be planted to overhand vehicle lanes or within 2 feet overhand at the head of a parking stall.

DEVELOPMENT REVIEW BOARD CRITERIA ANALYSIS

Per Section 1.904. of the Zoning Ordinance, in considering any application for development, the Development Review Board shall be guided by the following criteria:

1. The Board shall examine the design and theme of the application for consistency with the design and character components of the applicable guidelines, development standards, Design Standards and Policies Manual, master plans, character plan and General Plan.

   - ***The applicant states compliance with the Scottsdale Sensitive Design Principles and Office Design Guidelines in detail as part of their project narrative. (Attachment 13)***
   - ***Staff finds that the proposal is generally consistent with the Zoning Ordinance as well as the Character and Design element of the General Plan, and the Greater Airpark Character Area Plan (GACAP), which designates the site as Employment. Additionally, staff has found the site to be designed in general conformance with the Design Standards & Policies Manual.***

2. The architectural character, landscaping and site design of the proposed development shall:
   a. Promote a desirable relationship of structures to one another, to open spaces and topography, both on the site and in the surrounding neighborhood;
   b. Avoid excessive variety and monotonous repetition;
   c. Recognize the unique climatic and other environmental factors of this region to respond to the Sonoran Desert environment, as specified in the Sensitive Design Principles;
   d. Conform to the recommendations and guidelines in the Environmentally Sensitive Lands (ESL) Ordinance, in the ESL Overlay District; and
   e. Incorporate unique or characteristic architectural features, including building height, size, shape, color, texture, setback or architectural details, in the Historic Property Overlay District.

   - ***The applicant states the building is designed to be both unique and unifying to the surrounding area, and to unite the interior and exterior spaces. Materials and colors reflect the commercial and industrial uses surrounding the site and the distant mountain range, and the desert landscape pulls from the surrounding Sonoran Desert. Sustainability features, such as high-performance glazing, solar paneling and low to no VOC interior materials and finishes, have been incorporated into the building design. The site is thoughtfully designed to separate the delivery and service area from the main parking area.***
   - ***Staff finds the proposed development is generally consistent with the City's Sensitive Design Principles and other design guidelines. The proposed building has a contemporary design style utilizing concrete and metal panels, accented by a metal panel exoskeleton. Though gray hues make up a majority of the building façade, "warmer" gray tones are utilized, as opposed to the slate or dark gray tones discouraged by the guidelines. Some of the paneling is yellow in color, which though a corporate color, is consistent with some of the natural desert vegetation. Photovoltaic panels are incorporated into the building design on the east and west sides of the building to promote sustainability. Unique shapes and forms, planer differentiation, and score lines provided in the tilt up panels create visual interest and help break up the mass. Most of the proposed landscaping is selected from the Arizona Department of Water Resources Low Water-Use Drought-Tolerant Plant list.***

3. Ingress, egress, internal traffic circulation, off-street parking facilities, loading and service areas and pedestrian ways shall be designed as to promote safety and convenience.
   - ***The applicant states the proposed plan provides pedestrian connections from the building to the parking areas.***
   - ***Staff finds the Ingress, egress, internal traffic circulation, off-street parking facilities, loading and service areas and pedestrian ways have been designed to promote safety and convenience. The site plan proposes a 5-story office component, and a single-story manufacturing component, with two vehicular access points at Mayo Boulevard. The delivery and service area is thoughtfully located at the northwest corner of the building, effectively separated from the main parking field where the majority of pedestrian circulation is provided. The driveway loops through the front of the site, providing 2 access points on 81st Street. Pedestrian facilities are provided from the parking area to the building entrances. Though not shown, staff will coordinate with the applicant to provide at least one pedestrian connection from the building to Mayo Boulevard.***
4. If provided, mechanical equipment, appurtenances and utilities, and their associated screening shall be integral to the building design.
   - ***The applicant states the proposed mechanical equipment will be roof mounted and fully screened by metal paneling similar to the paneling used in the body of the building.***
   - ***Staff finds the proposed mechanical equipment will be screened by metal paneling that is integral to the building design.***
5. Within the Downtown Area, building and site design shall:
   a. Demonstrate conformance with the Downtown Plan Urban Design & Architectural Guidelines;
   b. Incorporate urban and architectural design that address human scale and incorporate pedestrian-oriented environment at the street level;
   c. Reflect contemporary and historic interpretations of Sonoran Desert architectural traditions, by subdividing the overall massing into smaller elements, expressing small scale details, and recessing fenestrations;
   d. Reflect the design features and materials of the urban neighborhoods in which the development is located; and
   e. Incorporate enhanced design and aesthetics of building mass, height, materials and intensity with transitions between adjacent/abutting Type 1 and Type 2 Areas, and adjacent/abutting Type 2 Areas and existing development outside the Downtown Area.
   - ***This criterion is not applicable.***
6. The location of artwork provided in accordance with the Cultural Improvement Program or Public Art Program shall address the following criteria:
   a. Accessibility to the public;
   b. Location near pedestrian circulation routes consistent with existing or future development or natural features;
   c. Location near the primary pedestrian or vehicular entrance of a development;
   d. Location in conformance with Design Standards and Policies Manual for locations affecting existing utilities, public utility easements, and vehicular sight distance requirements; and
   e. Location in conformance to standards for public safety.
   - ***This criterion is not applicable.***

DEVELOPMENT INFORMATION

Zoning History

The site was annexed into the City in 1963 by Ord. 169 and zoned to Single-family Residential District (R1-35). In 1986, the site was rezoned from R1-35 to the Planned Community (P-C) District with a P-C comparable zoning of I-1 as part of the Core South zoning case (11-ZN-1986). The I-1 District is intended to allow light manufacturing, aeronautical, and office uses to sustain and enhance major employment opportunities. Professional offices, laboratories, manufacturing, and warehousing are permitted as principal uses.

Community Involvement

With the submittal of the application, staff and the applicant notified all property owners within 750 feet of the site. As of the publishing of this report, staff has not received any community input regarding the application.

Context

The subject site is located at the southeast corner of N. Hayden Road and Loop 101 with freeway frontage. This is the first development for this portion of Crossroads. The proposed building is approximately 750 feet from the nearest adjacent residence. Please refer to the context graphics (attached).

Project Data

- Existing Use: Vacant
- Proposed Use: Office/Manufacturing
- Parcel Size: +/- 60 acres (net)
- Office Space: 225,740 square feet
- Manufacturing Space: 147,840 square feet
- Warehousing Space: 27,505 square feet
- Total Building Area: 401,085 square feet
- Floor Area Ratio Allowed: 0.8
- Floor Area Ratio Proposed: 0.13
- Building Height Allowed: 76 feet (exclusive of rooftop appurtenances; 19-ZN-2002#8)
- Building Height Proposed: 76 feet (exclusive of rooftop appurtenances)
- Parking Required: 1,027 spaces
- Parking Provided: 1,042 spaces
- Open Space Required: 590,640 square feet (13.5 acres) at build-out; cumulative
- Open Space Provided: 365,904 square feet (8.4 acres) with this building

Stipulations for the
Development Review Board Application:
Axon
Case Number: 28-DR-2020

These stipulations are intended to protect the public health, safety, welfare, and the City of Scottsdale.

APPLICABLE DOCUMENTS AND PLANS:

1. Except as required by the Scottsdale Revised Code (SRC), the Design Standards and Policies Manual (DSPM), and the other stipulations herein, the site design and construction shall substantially conform to the following documents:
   a. Architectural elements, including dimensions, materials, form, color, and texture shall be constructed to be consistent with the building elevations provided by Smithgroup, with a city staff date of 9/11/2020.
   b. Location and configuration of all site improvements shall be consistent with the site plan provided by Smithgroup, with a city staff date of 9/11/2020, modified to accommodate required infrastructure improvements.
   c. Landscape improvements, including quantity, size, and location shall be consistent with the preliminary landscape plan provided by Smithgroup, with a city staff date of 9/11/2020, modified to accommodate required infrastructure improvements.
   d. The case drainage report provided by Wood Patel and accepted in concept by the Stormwater Management Department of the Planning and Development Services.

RELEVANT CASES:

Ordinance

A. At the time of review, the applicable Zoning cases for the subject site were: 13-ZN-2020 and 19-ZN-2002#6.

ARCHAEOLOGICAL RESOURCES:

Ordinance

B. Any development on the property is subject to the requirements of Scottsdale Revised Code, Chapter 46, Article VI, Section 46-134 - Discoveries of archaeological resources during construction.

ARCHITECTURAL DESIGN:

Ordinance

C. *Building height shall not exceed 82 feet (exclusive of rooftop appurtenances) from the lowest floor elevation, per case 13-ZN-2020.*

ATTACHMENT 16

DRB Stipulations

2. All exterior window glazing shall be recessed a minimum of fifty (50) percent of the wall depth, including glass windows within any tower/clerestory elements. The amount or recess shall be measured from the face of the exterior wall to the face of the glazing, exclusive of external detailing. With the final plan submittal, the developer shall provide head, jamb and sill details clearly showing the amount of recess for all window types.
3. All exterior doors shall be recessed a minimum of thirty (30) percent of the wall depth, the amount of recess shall be measured from the face of the exterior wall to the face of the glazing, exclusive of external detailing. With the final plan submittal, the developer shall provide head, jamb and sill details clearly showing the amount of recess for all door types.

SITE DESIGN:

Ordinance

D. Site design to be modified as needed during construction plan submittal and review to comply with 13-ZN-2020 stipulations.

DRB Stipulations

4. A minimum 6-foot wide pedestrian connection shall be provided from the easternmost roundabout indicated on the site plan to the main entrance of the building.

5. All drive aisles that are fire lanes shall have a minimum width of twenty-four (24) feet.

LANDSCAPE DESIGN:

DRB Stipulations

6. Prior to the issuance of any building permit for the development project, the property owner shall submit landscape improvement plans that demonstrate how the salvaged vegetation from the site will be incorporated into the design of the landscape improvements.
7. Prior to the issuance of any building permit for the development project, the property owner shall submit landscape improvement plans that demonstrate the utilization of the City of Scottsdale Supplement to MAG Standard Specifications for the landscape and irrigation improvements within the public right-of-way median(s).
8. Landscape pots and/or raised landscape planters, with a minimum of 36 inches in diameter, a sufficient depth to support the root system of the plants located in the pots/planters, and an automatic irrigation system, shall be provided (if applicable).

EXTRIOR LIGHTING:

DRB Stipulations

9. *With the exception of the private art features located at the "nose" of the building, the main building entrance and on the roof,* all exterior luminaires shall meet all IES requirements for full cutoff and shall be aimed downward and away from property line, except for sign lighting.
10. Incorporate the following parking lot and site lighting into the project's design:
    a. The maintained average horizontal luminance level, at grade on the site, shall not exceed 2.0 foot-candles. All exterior luminaires shall be included in this calculation.

b. The maintained maximum horizontal luminance level, at grade on the site, shall not exceed 8.0 foot-candles. All exterior luminaires shall be included in this calculation.

c. The initial vertical luminance at 6-foot above grade, along the entire property line shall not exceed 1.0 foot-candles. All exterior luminaires shall be included in this calculation.

VEHICULAR AND BICYCLE PARKING:

DRB Stipulations

11. *Carport design shall be submitted for separate review and administrative approval.*

AIRPORT:

DRB Stipulations

12. With the construction document submittal, the property owner shall submit an FAA FORM 7460-1 to the FAA for any proposed structures, appurtenances and/or individual construction cranes that penetrate the 100:1 slope. The elevation of the highest point of those structures, including the appurtenances, must be detailed on the FAA form 7460-1 submittal. The property owner shall provide Aviation staff a copy of the FAA determination letter prior to building permit issuance.

13. With the construction document submittal, the property owner shall submit an aircraft noise and overflight disclosure notice that is to be provided to occupants, potential homeowners, employees and/or students. The disclosure form shall be in in a form acceptable to the Scottsdale Aviation Director, prior to the issuance of any building permit, not including a native plant permit.

STREET DEDICATIONS:

Ordinance

E. Prior to the issuance of any building permit for the development project, the property owner shall make all 13-ZN-2020 stipulated right-of-way dedications to the City of Scottsdale.

STREET INFRASTRUCTURE:

Ordinance

F. All street infrastructure improvements shall be designed and constructed in accordance with the Infrastructure Master Plans for the site, City of Scottsdale (COS) Supplement to MAG Specifications and Details, and the Design Standards and Policies Manual, and 13-ZN-2020 stipulations.

G. Prior to the issuance of any building permit for the development project, the property owner shall submit and obtain approval of all required documents in accordance with and to construct all 13-ZN-2020 stipulations.

DRB Stipulations

14. All public sidewalks, curbs and gutters shall be integral colored concrete to match Davis, San Diego Buff.

WATER AND WASTEWATER:

Ordinance

H. Prior to the issuance of any building permit for the development project, the property owner shall submit and obtain approval of all required documents in accordance with and to construct all 13-ZN-2020 stipulations.

DRAINAGE AND FLOOD CONTROL:

DRB Stipulations

15. With the civil construction document submittal, the property owner shall submit a final drainage report that demonstrates consistency with the DSPM and the case drainage report accepted in concept by the Stormwater Manager or designee.

    Subsequent submittal shall evaluate and address the following stipulations:

    - Develop and submit exhibit depicting natural pre-development contours to identify locations of highest adjacent grade (HAG) and lowest adjacent grade (LAG). Note, it is important for the design team to be aware of FEMA's requirement to elevate all elechtromechanical equipment servicing subject building to regulatory flood depth (RFD).
    - Design team should to consider regional Basin 53R emergency surface spillway location and associated potential for emergency surface overflow. In event of back to back major rainfall events, malfunctioning basin outfall via two barrel 60 inch pipes, or storm of magnitude greater than design standard; emergency spillway will experience surface overflow and send potentially significant discharge to the project site via existing ADOT LOOP 101 culvert crossings.
    - Develop surface runoff routing summary table, which includes columns of volume required, volume provided and basin drain time.
    - Submit topographic data in support of watersheds depicted on the off site drainage map. Note, offsite flows are subject to change upon review of subject topographic data.
    - Depict pre and post development flows along downstream project boundary. Verify downstream capacity to receive post development flow if they are greater than pre development flows.

16. Demonstrate consistency with the accepted master drainage plan and report.

    a. For any design that modifies the accepted master drainage report, the property owner shall submit a site-specific addendum to the final drainage report and plan, subject to review and acceptance by the Stormwater Manager or designee.

    b. An addendum generated by the final drainage analysis for this site shall be added to the appendix of the final drainage report.

17. All headwalls and drainage structures shall be integrally colored concrete to blend with the color of the surrounding natural desert.

EASEMENTS DEDICATIONS:

Ordinance

I. Prior to the issuance of any building permit for the development project, the property owner shall dedicate all project related, per city published standards and requirements, city easements, to the City of Scottsdale on a final plat or map of dedication with associated site modifications made to accommodate.

ADDITIONAL ITEMS:

DRB Stipulations

18. *Flagpoles, if provided, shall be one-piece conical tapered design and shall not exceed the height of the building.*

Zimmer, Christopher

From: Rosemary Catroppa <cafeforte.az@gmail.com>
Sent: Wednesday, October 7, 2020 9:37 AM
To: Bloemberg, Greg
Subject: Proposed plans and the impact on the Stonebrook 2 community

Hello this is regarding my opposition to any changes regarding case # 's 716-PA-2020 / 13-ZN-2020 / 28-DR-2020.

I am a resident of the Stonebrook 2 community that will be directly impacted by the future plans regarding the case #'s above. I would like to formally note my opposition to these changes.

I would like to know why the developer is requesting a rezoning from P-C to P-CL-1. Which I believe would allow for a height increase from a 5 story to a 7 story building of which I am completely opposed.

Please inform me of what steps, aside from the virtual open house, I can take in order for my opinion to be heard.

I have resided in my home in Stonebrook 2 since its inception in 1996 and have enjoyed the majestic view of the mountains from my backyard, these buildings will ruin the view which I have enjoyed for the last 24 years.

I am also concerned about the impact of traffic & the future of Mayo Blvd being rerouted. Can someone please explain to me the exact plans for the roads behind and around our development, and the forecasted impact of the traffic from these changes.

Thank You,

Rosemary Catroppa & Grace Rubel
Stonebrook 2 residents since 1996

ATTACHMENT 17

From: DevelopmentReviewBoard@scottsdaleaz.gov
To: Development Review Board
Subject: Development Review Board Public Comment (response #114)
Date: Wednesday, September 30, 2020 11:52:35 AM

Development Review Board Public Comment (response #114)

Survey Information

Site:	ScottsdaleAZ.gov
Page Title:	Development Review Board Public Comment
URL:	https://www.scottsdaleaz.gov/boards/development-review-board/public-comment
Submission Time/Date:	9/30/2020 11:51:54 AM

Survey Response

COMMENT	
Comment:	I have seen the preliminary design for the Axon development which is directly north of my neighborhood in North Scottsdale. Guy Phillips has advised me to reach out to your board regarding this project, specifically the color scheme and futuristic design. To say their current submission is in keeping with any sort of desert motif would be absurd. While there is an open meeting coming up, I do want to get this dialogue going because while we cannot stop progress, we can ask that those in charge remember that we as residents will have to look at this all day and night. The integrity of Scottsdale must be kept intact.
Comments are limited to 8,000 characters and may be cut and pasted from another source.	
PLEASE PROVIDE YOUR NAME:	
First & Last Name:	Mary Kennett
AND ONE OR MORE OF THE FOLLOWING ITEMS:	
Email:	mkennett94@aol.com
Phone:	(480) 225-3756
Address:	8149 east theresa drive, Scottsdale, 85255

October 2, 2020

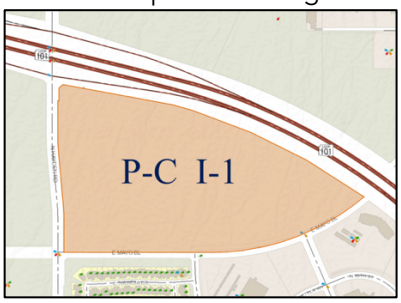
Dear Neighbor:

The purpose of this letter is to invite you to attend a neighborhood open house meeting for a proposed new corporate campus expansion in the Greater Airpark area. The approximately 73.6 acre site is currently zoned Planned Community (P-C) and is located south of the Loop 101 on the east side of Hayden Road.

Our proposal is consistent with the City's General Plan and the Greater Airpark Area Plan, and includes a request to rezone from Planned Community (P-C) to Planned Community Light Industrial District (P-C I-1). The graphic below demonstrates the zoning district before and after the requested rezoning:

Existing Zoning

Proposed Zoning



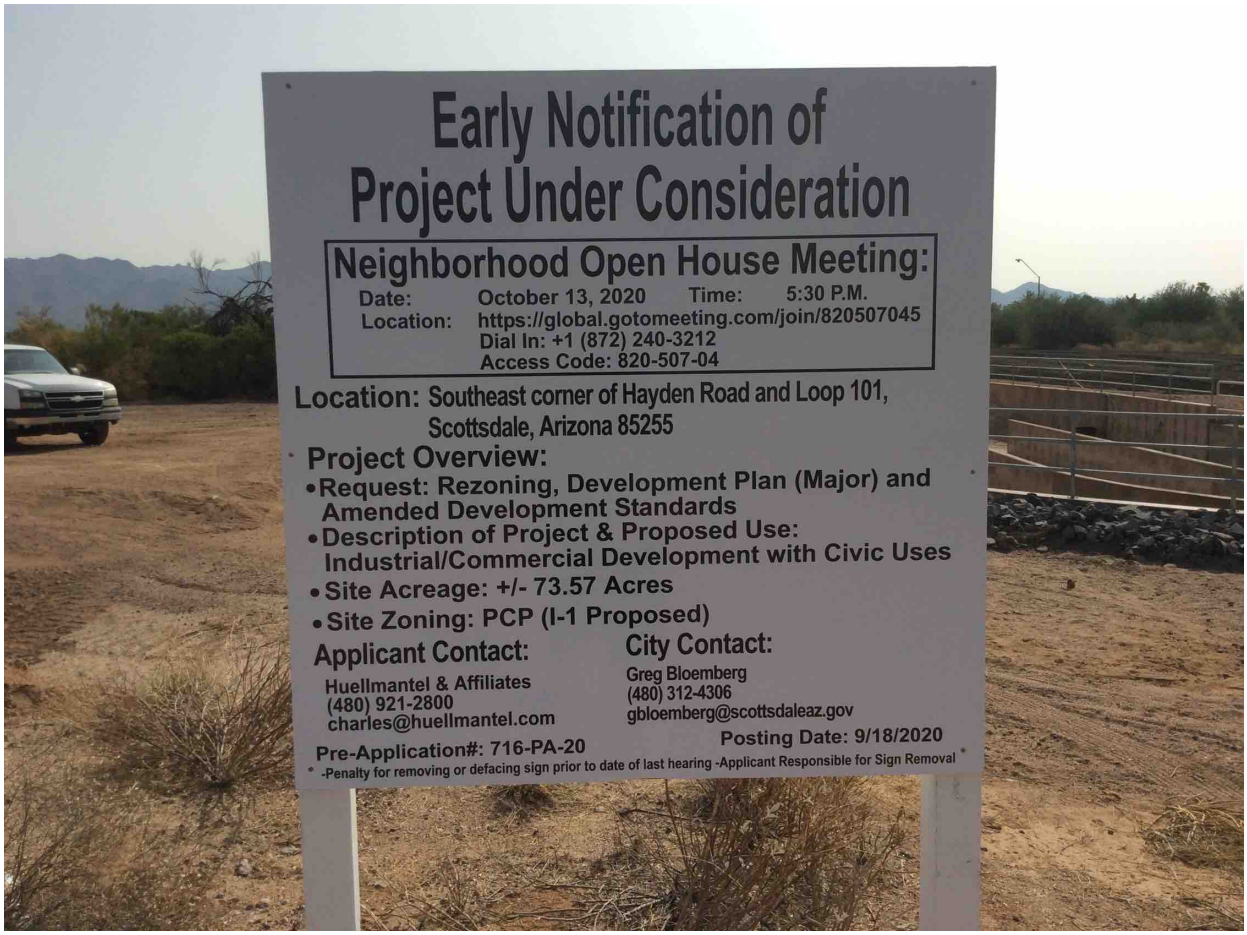
Additionally, we are requesting amended development standards and a development plan review. Given the ongoing COVID-19 pandemic and in compliance with current CDC and Arizona Department of Health recommendations, we are talking with neighbors over the phone and have scheduled a virtual neighborhood open house meeting to discuss the case with anyone who may have questions regarding this proposal:

Date:	Tuesday, October 13, 2020
Time:	5:30 p.m.
Call In/Log In:	https://global.gotomeeting.com/join/820507045
	Dial In: +1 (872) 240-3212
	Access Code: 820-507-045

If you would like to discuss this project in greater detail prior to or in place of the neighborhood open house meeting, I can be reached at (480) 921-2800 or via e-mail at charles@huellmantel.com. The City of Scottsdale planner assigned to the case is Greg Bloemberg, who can be reached at (480) 312-4306 or through email at gbloemberg@scottsdaleaz.gov. Our case numbers are 716-PA-2020/13-ZN-2020/28-DR-2020.

Again, please do not hesitate to contact me to discuss this proposal further. I am happy to answer any questions you may have.

Thank you.


Early Notification of
Project Under Consideration
Neighborhood Open House Meeting:
Date: October 13, 2020 Time: 5:30 P.M.
Location: https://global.gotomeeting.com/join/820507045
Dial In: +1 (872) 240-3212
Access Code: 820-507-04
Location: Southeast corner of Hayden Road and Loop 101,
Scottsdale, Arizona 85255
Project Overview:
•Request: Rezoning, Development Plan (Major) and Amended Development Standards
•Description of Project & Proposed Use: Industrial/Commercial Development with Civic Uses
•Site Acreage: +/- 73.57 Acres
•Site Zoning: PCP (I-1 Proposed)
Applicant Contact:
Huellmantel & Affiliates
(480) 921-2800
charles@huellmantel.com
City Contact:
Greg Bloemberg
(480) 312-4306
gbloemberg@scottsdaleaz.gov
Pre-Application#: 716-PA-20
Posting Date: 9/18/2020
-Penalty for removing or defacing sign prior to date of last hearing -Applicant Responsible for Sign Removal

Affidavit of Posting

Required: Signed, Notarized originals.
Recommended: E-mail copy to your project coordinator.

☑ **Project Under Consideration Sign (White)** ☐ **Public Hearing Notice Sign (Red)**

Case Number: 716-PA-20

Project Name: [redacted]

Location: Southeast corner of Hayden Road and Loop 101, Scottsdale, Arizona 85255

Site Posting Date: September 18th, 2020

Applicant Name: [redacted]

Sign Company Name: [redacted]

Phone Number: 480-585-3031

I confirm that the site has been posted as indicated by the Project Manager for the case as listed above.

[redacted]
Applicant Signature

9-18-2020
Date

Return completed original notarized affidavit AND pictures to the Current Planning Office no later than 14 days after your application submittal.

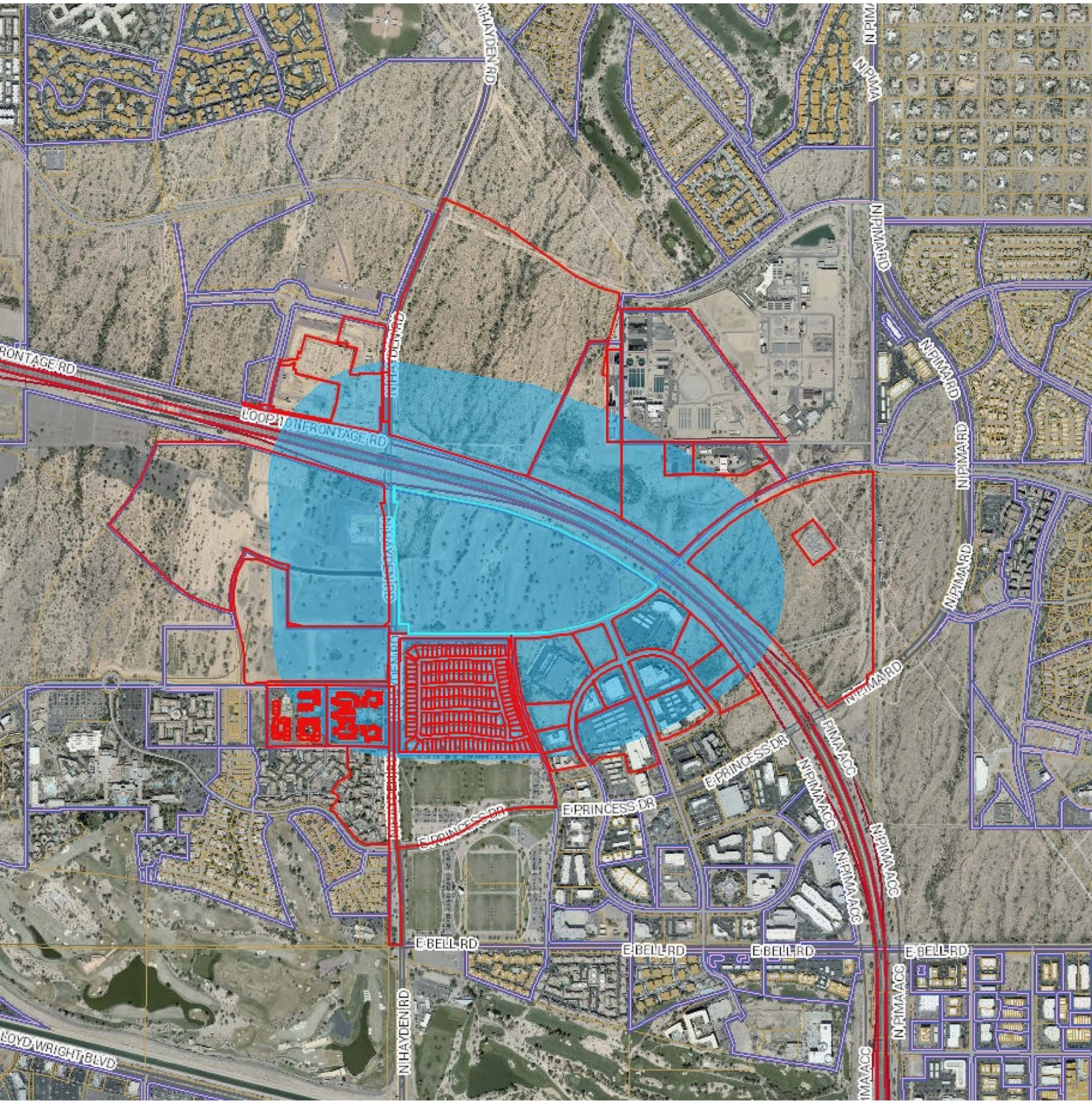
Acknowledged before me this the 18th day of September 2020

MARYBETH CONRAD
Notary Public, State of Arizona
Maricopa County
My Commission Expires
October 25, 2020

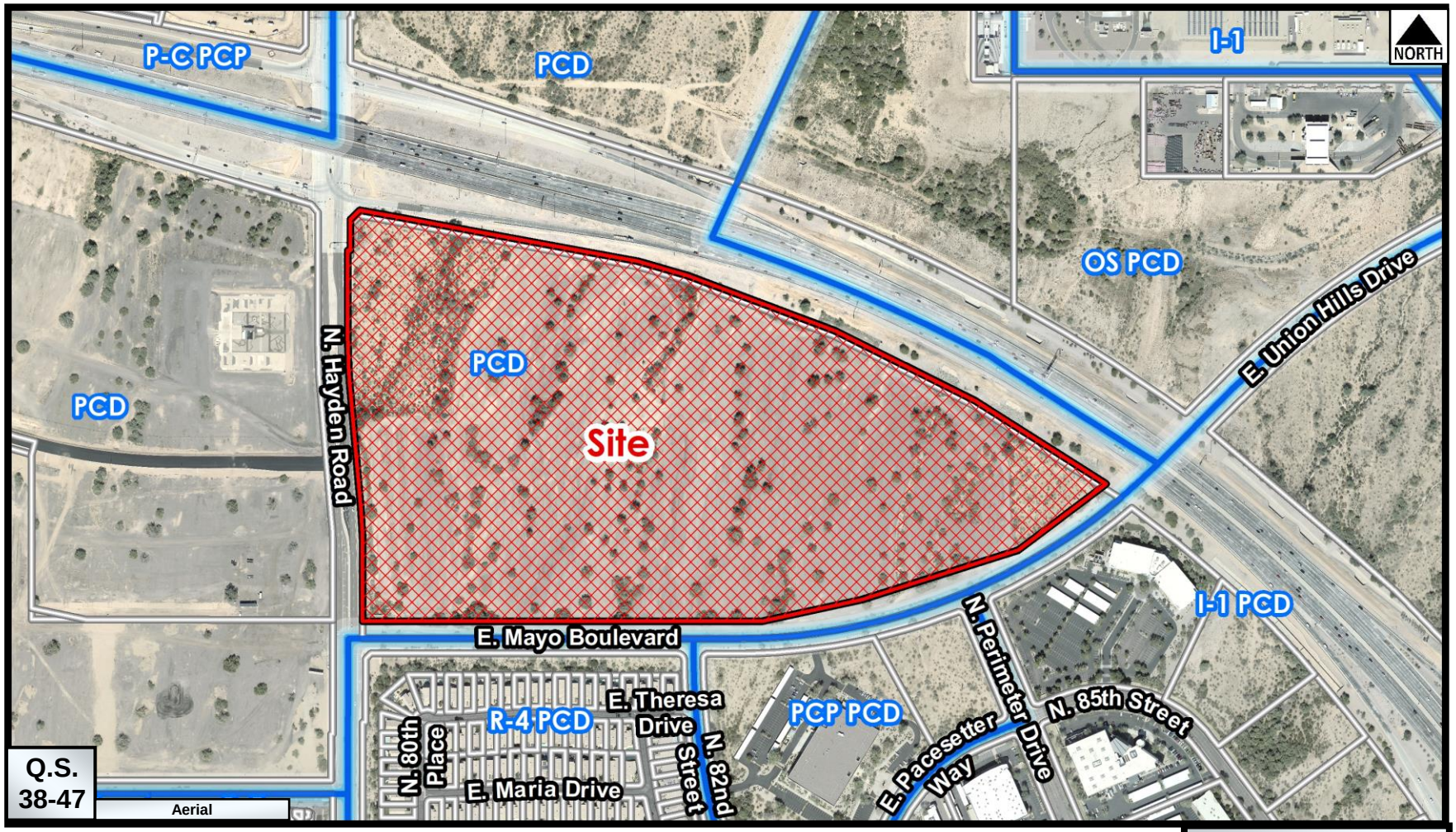
[redacted]
Notary Public

My commission expires: 10-25-20

City of Scottsdale -- Current Planning Division
7447 E Indian School Road, Suite 105, Scottsdale, AZ 85251 • Phone: 480-312-7000 • Fax: 480-312-7088


N HAYDEN RD
N PIMA
N PIMA RD
FRONTAGE RD
LOOP 101 FRONTAGE RD
N HAYDEN RD
N PIMA RD
E PRINCESS DR
N PIMA ACC
E BELL RD
LOYD WRIGHT BLVD

ATTACHMENT 18

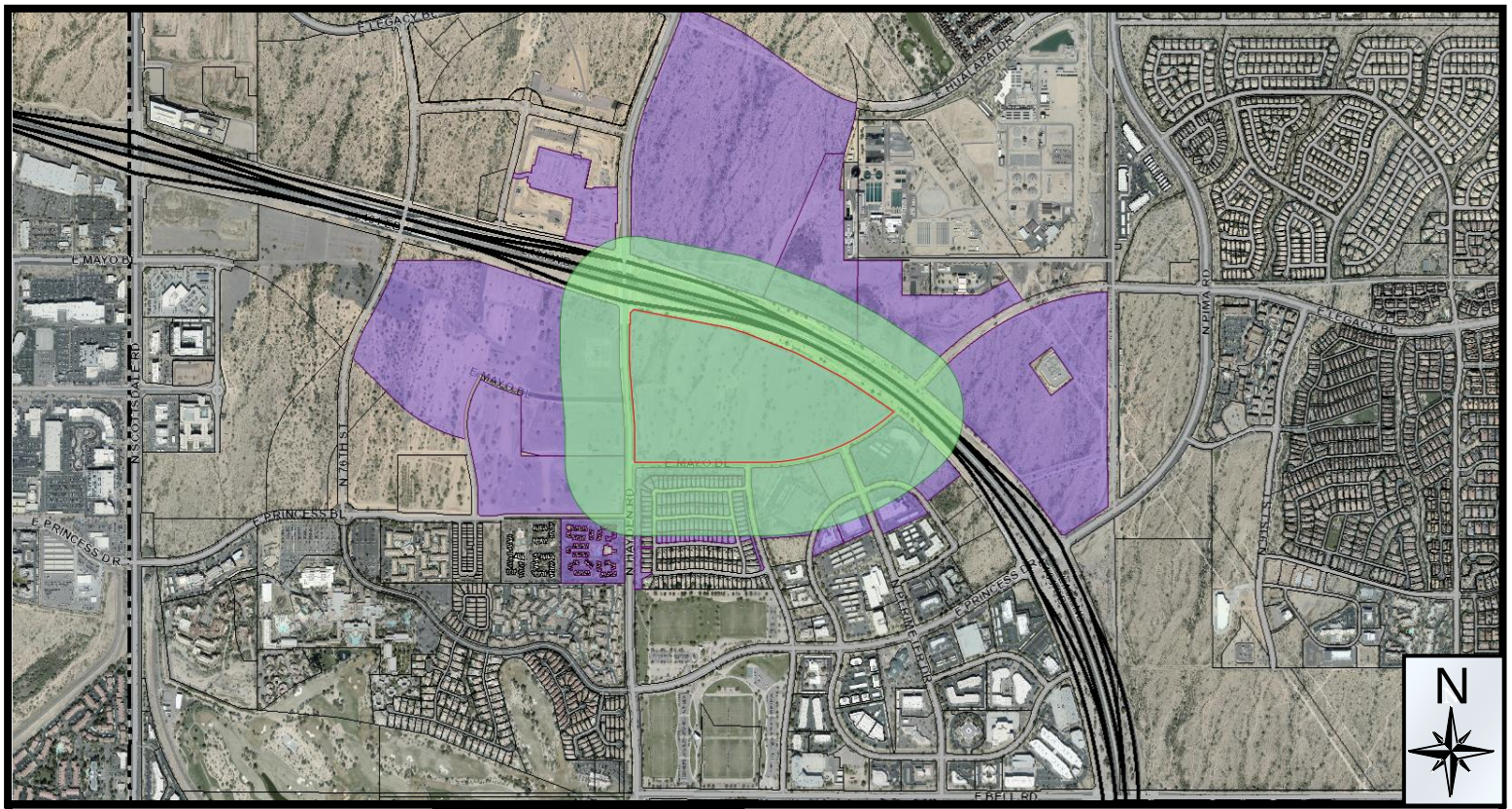


Zoning Aerial

28-DR-2020

City Notifications – Mailing List Selection Map
Axon

ATTACHMENT 19



Additional Notifications:

- **Interested Parties List**
- **Adjacent HOA's**
- **P&Z E-Newsletter**
- **Facebook**
- **Nextdoor.com**
- **City Website-Projects in the hearing process**

Pulled Labels
September 11, 2020

Map Legend:

Site Boundary

Properties within 750-feet

Postcards: 185

28-DR-2020