

Box Elder PA9

At Denali Logistics Park
DA-1478-13

Second Submission Comment Response

SUMMARY OF KEY COMMENTS FROM ALL DEPARTMENTS

- Show different fencing types, review sight lines, review amenity area locations and designs (Planning)
Fencing has been shown. Amenity areas and site lines have been reviewed.
- Provide a materials board, and add notes to elevations (Planning)
Notes have been added.
- Show the full 60th Avenue intersection, address turning template comments, add/revise sight triangles, signage and striping (Traffic)
Intersection has been shown.
- Review max/min slopes, and provide typical roadway sections (Public Works)
Noted.
- Start License Agreement for encroachments (Land Development Services)
License agreement has been started.
- Put water meter(s) in the landscape, adjust main angles (Water)
Water meters have been adjusted.
- Provide aerial apparatus road, identify phasing, include gate details, revise hydrants (Life/Safety)
All items have been included.
- Screen parking lots, review plant heights, and include sight triangles (Landscaping)
Landscape has been adjusted.
- No existing wells (Energy and Environment)
Noted.

PLANNING DEPARTMENT COMMENTS

1. Completeness and Clarity of the Application Letter of Introduction

1A. Include a discussion of existing and proposed land uses within and around the site.
Surrounding land use discussion has been added.

1B. Move the public art explanation down to the discussion of compliance with the Master Plan.
Public Art section has been moved.

1C. Edit text per redline suggestions.
Text has been edited per redlines.

Site Plan

Vehicular Access, Circulation, Parking and Storage

1D. Organize the site data so all parking calculations are together. What assumptions were used to determine the amount of office, warehouse, and distribution areas?
Site data has been revised.

1E. Identify the surface material for the outdoor storage areas.
The Site Plan sheets have been updated to identify the storage area to be gravel.

Pedestrian Access and Circulation

1F. Show the accessible route on all grading sheets.
The accessible route have been added on the grading sheets.

1G. Remove the sidewalk in the parking area south of Building 2 and provide a landscape instead.
This sidewalk has been removed.

Signage

1H. Add the maximum number of signs permitted. This can be stated as a maximum quantity for each building or by individual tenants. Additionally, you are encouraged to stipulate the monument signs will be multi-tenant signs and individual tenant monument signs are discouraged or prohibited. See Section 146-4.10.5 for options for multi-tenant buildings.

Signage maximums have been added.

Buildings and Architecture

1I. Provide a materials board. –

A physical materials board will be delivered later this week to the Aurora Planning Department

1J. Western elevations have fewer color and texture variations. Incorporate more variation so the elevations are more similar to the “front” elevations. –

Rear elevations have been revised to take more cues from the “front” elevation

1K. Add rooftop equipment screen note provided on redlines. –

Note has been added

1L. Review the length of the screen walls. They may need to be shortened due to easement encroachments.

- The screen walls have been reduced in length. Also all doors have been converted to drive in doors and no dock high trailer doors exist on this project.

1M. Label the FDC per Life/Safety standards on the Site Plan sheets and building elevations.

The Site Plan sheets now show the the location of the FDC and Fire Riser room with associated signage.

Screening, Walls, Fences, and Gates

1N. Show the general functional area for the proposed automatic sliding gate and include a detail.

A detail has been added to the site details sheet

1O. Use different symbols to identify where opaque fences vs. chain link fences are proposed. Make sure sight lines are not obstructed.

The Site Plan sheets has items labeled 7a and 7b which differentiate opaque and chain linked fence.

1P. Add the top and bottom elevations for all retaining walls.

The Grading Plans show top and bottom of wall elevations.

1Q. Include an elevation of the proposed retaining wall and railing.

We will not be needing the railing, but a typical elevation detail of the wall has been added.

Photometrics

1R. Review illumination readings between Buildings 1 and 2. There is minimal illuminance overlap but the readings are higher than those in the parking lots east of the buildings.

Drawings have been updated

1S. Relocate labels so they are readable.

Drawings have been updated

General Comments

1T. The amenity areas identified on the Site Plan sheets are not clearly reflected on the landscape plans. Review surface materials and landscape placement to better define the amenities.

Plan has been revised.

1U. The building area in the Project Data table and on the Site Plan sheets should be consistent.

Site Data Table has been adjusted.

1V. The sum of the lots should equal the total land area.

Calculations have been revised.

1W. Clarify how the outdoor storage area is classified in the site data.

Outdoor storage has been added as a category.

1X. Remove “dedicated by plat” notes with easements. It is assumed easements within the platted area will be dedicated by the plat. Only note easements that will be dedicated by separate document.

Notes have been removed.

1Y. Label all existing and proposed easements on all sheets. **Easements are shown.**

1Z. Include all symbols and linework in the Legend.

Legend has been updated.

- 2A. For Sheets 17 through 20, the proposed angular planting does not provide adequate screening to the parking lot, please provide a linear screening against the parking lot.
Per [Section 146-4.7.5.K.5c.](#), Parking lots may be screened by one or more of the following methods:
- A berm between three and four feet high with a maximum slope of 3:1 in combination with evergreen and deciduous trees and shrubs. Screening shall be integrated with incentive features and streetscape plantings whenever possible.
 - In lieu of berms, a low continuous landscaped hedge between three- and four-feet high consisting of a double row of shrubs planted 3 feet on center in a triangular pattern. See Figures 4.7-28 and 4.7-29.
 - A decorative masonry wall three feet high in combination with shrubs, ornamental grasses, and perennials. Plant material shall be placed on the exterior side of the wall.
 - Openings in screening may be permitted to allow accessways and for drainage purposes.
 - Plant material used for screening shall achieve the required opacity within three years of construction of the vehicular use area to be screened.

Planting has been revised.

- 2B. The amenity areas identified on the Site Plan sheets are not clearly reflected on the landscape plans. Review surface materials and landscape placement to better define the amenities.

Plan has been updated.

- 2C. Identify the wall height, color, and material of the site wall and reference the sheet and detail number. The Civil Sheet 8 refers to it as a "retaining wall." Is the wall detail shown on Sheet 24, Detail 12 intended for this wall? Please clarify. Include an elevation of the wall.

A typical elevation of the retaining wall has been added.

- 2D. Label and dimension the street frontage buffer on the south property line.

Dimension has been added.

- 2E. Distinctive landscaped areas shall be provided at project entries and at intersections of public streets.

Landscape has been updated.

- 2F. Review plant heights for sight line compliance and revise accordingly.

Plants have been adjusted, as necessary.

- 2G. Distribute landscape material throughout landscape islands and make sure the plant material adjacent to the drive aisle isn't too tall.

Plantings have been updated.

- 2H. Include all materials and symbols in the legend.

Legend has been updated.

- 2I. Gray back the curbside landscape designed by separate ISP's. ensure the applicable ISP and case number are referenced and add a note that the landscape shall be installed with this development.

Landscape has been greyed back.

- 2J. Clarify the area in the Water Use Table. It is significantly less than the area in the Site Data.

Table has been updated

- 2K. Address all comments and notations on the redlines.

All comments have been addressed.

REFERRAL COMMENTS FROM OTHER DEPARTMENTS AND AGENCIES

3. Civil Engineering (John Springs / 303-739-7572 / jsprings@auroragov.org / Comments in green)

Site Plan

- 3A. Per the previous comments, an access easement is needed for the east-west private drive, excluding perpendicular parking.

The plat and site plan sheet have adjusted the access easement per this comment.

- 3B. The pedestrian access easement should encompass the curb head (see additional comments in green on the Plat).
The plat and site plan sheet have adjusted the access easement per this comment.

- 3C. The City cannot force others to build, and this project is reliant on roadway public improvements. Remove "by others" because if "others" have not yet built the infrastructure, there will be no TCO/CO issued until it is Constructed.

This note has been updated.

Sheet 7

- 3D. Maximum slope of private street approaching an arterial is 3% for 125' per Figure 4.05.4.1. Grade breaks are not encouraged, but the max grade difference is 0.4%, per 4.05.5. Here the grades go from 4.5% to 6% to 12% to 3%. Use a vertical curve instead and ensure max 3% within the 125' referenced above.

Grading has been adjusted at the entrances.

3E. There are high points and low points in the internal drive. "Roller coasting" is not permitted.

Acknowledged. The low and high points were pushed east at the end of the parking stall.

3F. There appears to be a low point in the private road but no sump inlet(s) to intercept the drainage that is directed to the pond.

This low point has been removed.

3G. Add a note based on Section 4.07.9 stating the maximum cross slope and longitudinal slope for fire lanes.

Sheet 9

Note added.

3H. Repeat comment: The maximum slope of a private driveway is 4% (DN) for 75' per Figure 4.05.4.14.

Grading has been adjusted per this comment.

3I. Advisory note: structural calcs are required with the 1st Civil Plan submittal for all walls greater than 4' in height (or shorter walls meeting other criteria from Table 4.02.7.03).

Acknowledged.

3J. Shift the mountable curb (on 60th Avenue) to align with the maintenance path.

Acknowledged. Maintenance path has been adjusted.

Sheet 13

3K. Per the comment response, add typical roadway sections for the areas indicated on the redlines.

Typical sections added as requested.

3L. Label the retaining wall private.

Label added.

3M. Repeat comment: Include a table showing relevant missing information required by Section 2.12.0.1 (this applies to the N-S private street and accompanying walk only). Include assumptions where private infrastructure is not a perfect parallel with the public (e.g., use local roadway classification).

Acknowledged.

Plat

3N. A public access easement is needed for the east-west road; therefore, it may be simpler to dedicate a public access easement over the entire area highlighted on the redlines (and continue south) instead of providing separate pedestrian access easements. If a separate pedestrian access easement is used, it should encompass the curbhead.

The plat has been adjusted to include this area into the access easement.

3O. Review the dimension noted. It does not align with the easement.

Dimensions updated.

4. Traffic Engineering (Steve Gomez / 303-739-7336 / segomez@auroragov.org / Comments in amber)

Site Plan

4A. Call out all access movements.

Call out added.

4B. Add the applicant/owner information in the notes on sheet 2.

4C. Per previous comments, the internal drive angle needs to be less than 5 degrees Sheet

The drives have been adjusted to be perpendicular and presented to Carl H on 11/2 call.

4D. Revise the entrance throat depth(s) to comply with the 150' minimum.

A meeting with Carl H on 11/2 call resolved this issue. Signs have been added to separate truck traffic and retail traffic.

4E. Show the complete ADA routes.

ADA route have been added to the grading plans.

4F. Show directional pedestrian ramps facing one another and parallel to the roadway.

A meeting with Carl H on 11/2 call to discuss these ramps. Due to the large radii on the intersections, special ramps are shown to keep the crosswalk close to this intersection.

4G. There are still several conflicts with the turning templates at the 60th Avenue entrance. See Sheet 13.

These turning templates have been updated for this new site plan. 60th Avenue striping has been adjusted to accommodate.

4H. Show the turning radius for an exiting vehicle (Building 1) per the previous comments.

These turning templates have been updated for this new site plan. Dock highs have been removed from the project so this movement has been removed.

4I. Include/revise movements noted on Sheet 14.

These turning templates have been updated for this new site plan.

4J. Verify the storage length on 60th Avenue is consistent with the traffic study.

A meeting with Carl H on 11/2 call to discuss this item. Storage lengths on 60th Avenue meets TIS.

4K. Show the entire intersection of 60th Avenue and Harvest Road.

Acknowledged. This viewport has been adjusted.

4L. Revise and/or label signage and striping per comments on the redlines.

Acknowledged. Label and striping has been added.

4M. Verify ALL mature plant heights within sight triangles meet COA 4.04.2.10 requirements.

4N. Sight triangles should be drawn per TE-13.1 and 13.2. Show/revise sight triangles per redline comments.

Sight triangles per City details have been added. Fence line has been moved to accommodate.

4O. Trees should be setback 50' from stop signs.

Trees have been adjusted

Traffic Letter

4P. Access onto 60th Avenue was previously analyzed as a right-in/right-out. Changing to a full movement requires traffic operational analysis of the intersection, including queuing evaluation, traffic volume and intersection laneage figures, and auxiliary lane needs and associated storage length requirements.

In a meeting with Carl H on 11/2 call to discuss this item it was determined a change to the Traffic Letter was not necessary due to Site Plan changes.

4Q. Address comments throughout the letter.

In a meeting with Carl H on 11/2 call to discuss this item it was determined a change to the Traffic Letter was not necessary due to Site Plan changes.

5. Aurora Water (Casey Ballard / 303-739-7382 / cballard@auroragov.org / Comments in red)

Site Plan

5A. The water meter(s) should not be behind gates or within a secure area. Meters are to be within a landscaped area such as rock or wood mulch. They are not permitted on hard surfaces like asphalt or concrete.

Acknowledged. The meters have been revised to be within the landscape island along the building.

5B. With the water being relocated and a sanitary and water easement being dedicated, a water-only easement would not be needed for the main. These would still be required for pocket easements or the combined easement would need to include the pocket facilities such as meters and hydrants. The water easement behind Building 2 doesn't appear to be showing on the plat so this could just be an easement that was updated from the plat.

Acknowledged. Plat has been updated per this comment.

5C. When possible, hydrants should be located behind curbs.

All hydrants have been moved to be behind curb.

5D. Adjust angle(s) to 45-degree bends.

Acknowledged. 90 degree bends have been removed.

6. Life/Safety (Richard Tenorio / 303-739-7628 / rtenorio@auroragov.org / Comments in blue)

Site Plan

6A. Will this site be phased? If so, provide a phasing plan. A phasing plan must be provided with the Planning Department's site plan and Public Works Department's civil plan submittal. The phasing plan must illustrate each phase and provide a narrative that describes how the phasing will always implement the required two points of access and a looped water supply during the phased construction. Also, make sure to incorporate COA Water and Public Works phasing requirements into the phasing plan.

Phasing plan has been added.

6B. Show existing and proposed hydrants that abut and will support this site.

Acknowledged. Proposed and existing hydrants have been labeled.

6C. Provide gate details. Include supplemental equipment such as an opening pedestal. The plans must clearly reflect the gating system and components.

The installation of any gating system will require a City of Aurora licensed contractor to obtain a building permit through the Aurora Building Division prior to the start of any work. This would be considered a structural, life safety, and electrical review within the Building Division that is conducted on behalf of the Fire Chief. TYP for all gating systems. For assistance, please call 303-739-7420 and ask for a Life Safety Plans Examiner.

Acknowledged. A detail for the gate has been added.

6D. A license agreement is required for gates that encroach into and over the fire lane easement. Contact Land Development and initiate the license agreement process.

Acknowledged.

6E. Knox Boxes are required at the main entrances and at the exterior fire riser room door. Identify the Knox Box as an X within a box symbol and label it with the following label: "Knox Box." See examples on redlines.

Knox boxes have been added to the site plan sheet.

6F. Show all fire lane signage.

Acknowledged. Fire lane signage has been added.

6G. Provide a sign and striping plan.

Signage and striping information has been added to the Site Plan Sheets.

6H. Show the location of any fuel tanks, generators, exterior storage, dispensers, propane cages, etc.

None of these elements are anticipated for this project.

6I. The accessible parking detail conflicts with other details. Please revise to reflect the actual proposed detail.

Acknowledged. The detail has been removed on the site plan sheet to reduce conflicting information.

6J. Provide more information regarding outdoor storage. Please schedule a meeting to further discuss this matter. Additionally, to better understand all of the proposed elements, a phasing plan is recommended. What is the intended use/items that will be stored in these areas?

6K. If the height of the buildings exceeds 30', an aerial apparatus road is required. Please identify the height of each building and the location of the aerial apparatus roads. Ensure the plat is updated to reflect changes.

Per meeting with the City on 10/25, the fire lanes are within appropriate proximity of the building. The building will be taller than 30' in height.

6L. Include the width of the fire lane easements in the labels.

Acknowledged. This information has been added.

6M. Show wheel stops in handicapped spaces on the Site Plan sheets.

Acknowledged. Wheel Stops have been added for the handicap stalls.

6N. In areas where the fence ties into the building, please provide a man-way gate to allow access for fire service. Also, identify accessible hardware for the gating system. A Knox box may be required.

Knox boxes have been added to every gate.

6O. Revise fire hydrants to face the fire lane and provide bollard protection. See redlines for locations.

All hydrants have been moved to be behind curb and gutter.

6P. Justify the second FDC shown in Building #2.

This second FDC has been removed.

6Q. Elevations must show the location of the fire department connection, Knox boxes, and the fire riser room. These n 6R. Follow the 2021 Building Code for the photometric requirements. - Acknowledged

6S. Verify a minimum of 1 foot-candle of illumination along the accessible route. - Photometrics have been revised

7. Land Development Services (Maurice Brooks / 303-739-7294 / mbrooks@auroragov.org / Comments in magenta)

Site Plan

7A. Add the note provided on Sheet 2.

Note has been added.

7B. The Site Plan has several fences/gates and walls crossing the easements. Confirm with Fire/Life Safety and Aurora Water Dept. to see if a License Agreement is needed.

Acknowledged. License agreements will be completed with the Civil CDs.

Plat

7C. Provide the state monument records for the aliquot corners used in the plat.

Acknowledged. This has been included.

7D. Provide an updated Title Commitment to be dated within 30 calendar days of the plat approval date. (This Commitment should be submitted at the time of your final submittal of the electronic plat for recording.)

Acknowledged. Updated title will be pulled within 30 days of final plat approval.

7E. Provide a Certificate of Taxes Due obtained from the County Treasurer's office showing the taxes are paid in full up to and through the plat approval date of recording.

Acknowledged. Updated tax certs will be pulled within 30 days of final plat approval.

8. Energy and Environment (Maria Alvarez / 303-739-6824 / malvarez@auroragov.org)

8A. We have reviewed the area of your development. There are no known plugged and abandoned (P&A) wells within your site and no existing or planned oil and gas surface facilities on your site at this time. There may be existing underground pipelines in rights-of-way. If you have questions or concerns about this, the Energy & Environment Division can assist by providing additional information.

The City of Aurora has no authority or control over subsurface well equipment or operations. Contact the Colorado Oil & Gas Conservation Commission (COGCC)/Colorado Energy and Carbon Management Commission (CECMC) for more information.

Should you have any questions about oil and gas development, please reach out to Jeffrey S. Moore, Manager of the Energy and Environment Division.

and Carbon Management Commission (CECMC) website at www.cogcc.state.co.us and COGCC/CECMC GISOnline www.cogccmap.state.co.us.

Noted.

9. Public Art (Roberta Bloom / 303-739-6747 / rbloom@auroragov.org) 9A. No comments at this time.

Noted.

10. Xcel Energy / Donna George / 303-571-3306 / donna.l.george@xcelenergy.com

10A. The Public Service Company of Colorado's (PSCo) Right of Way and Permits Referral Desk requests language be added to the plat:

Permanent structures, improvements, objects, buildings, wells, water meters and other objects that may interfere with the utility facilities or use thereof (Interfering Objects) shall not be permitted within said utility easements and the utility providers, as grantees, may remove any Interfering Objects at no cost to such grantees, including, without limitation, vegetation. Public Service Company of Colorado (PSCo) and its successors reserve the right to require additional easements and to require the property owner to grant PSCo an easement on its standard form.

Noted.

11. Denver International Airport - Planning (303-342-4105 / denplanningreferrals@flydenver.com) 11A. No additional comments.

Noted.