

Staff Report

PLANNING DIVISION COMMUNITY & ECONOMIC DEVELOPMENT

Publish Date: Jan 27, 2016

To: Salt Lake City Planning Commission

From: Lex Traughber – Senior Planner

(801) 535-6184 or lex.traughber@slcgov.com

Date: January 27, 2016

Re: PLNSUB2015-00928 & PLNSUB2015-00929, Marmalade Townhomes –

Subdivision and Planned Development

PLANNED DEVELOPMENT & SUBDIVISION

PROPERTY ADDRESS: 535 N. Arctic Court

PARCEL ID: 08-36-205-040

HISTORIC DISTRICT: Capitol Hill Historic District

ZONING DISTRICT: R-MU (Residential Mixed-use District) & H – Historic Preservation Overlay District

MASTER PLAN: Capitol Hill Master Plan – High Density Mixed-Use

REQUEST: Everest Builders is requesting approval from the City to develop twelve (12) townhomes on the property located at approximately 535 N. Arctic Court in the Capitol Hill Historic District. The applicant is requesting that the Planning Commission modify the required landscape buffer requirement along Arctic Court as well as approve the units that have no direct street frontage through the Planned Development process. The applicant is also seeking subdivision approval. The site is zoned R-MU (Residential Mixed-Use), and is located in City Council District 3, represented by Stan Penfold.

RECOMMENDATION: Planning Staff recommends that the Planning Commission approve the requested planned development and subdivision requests for new construction for the twelve (12) new townhomes located at approximately 535 N. Arctic Court.

MOTION: Based on the analysis and findings listed in this staff report, testimony and the proposal presented, I move that the Planning Commission approve the planned development and subdivision requests for new construction for the twelve (12) new townhomes located at approximately 535 N. Arctic Court, subject to the following conditions:

- 1. The Planning Commission specifically approves the reduced landscape buffer requirement along Arctic Court from 10' to 5'3".
- 2. The Planning Commission specifically approves the "Type 1 Units" without street frontage as shown on the site plan and preliminary plat.
- 3. The Planning Commission specifically approves the subdivision of lots as proposed. A final plat is required.
- 4. The applicant shall adhere to all City Department/Division comments as noted in this staff report (Attachment H)

The Planning Commission finds that the proposed project complies with the review standards as demonstrated in Attachments F of this staff report.

BACKGROUND AND PROJECT DESCRIPTION:

The applicant, Eric Saxey, Everest Builders, was selected by the Salt Lake City Redevelopment Agency (RDA) to build a townhome development on Parcel 4 of the Marmalade Block. This project constitutes one part of the overall redevelopment of the area which includes the new Marmalade Library that is under construction. The subject property is located within the Capitol Hill Historic District (see attached map – Attachment B). The Historic Landmark Commission reviewed and approved the project and site plan on September 3, 2015. The HLC approved the townhome design and the overall site plan.

The proposed new residential construction will consist of twelve (12) townhomes; single-family attached dwellings. There will be two (2) unit types; Type 1 and Type 2. Type 1 units will be 3,149 square feet with 3-4 bedrooms, 3 ½ bathrooms, and a 2 car garage. Type 2 units will be 2,583 square feet with 3 bedrooms, 2 ½ baths, and a 2 car garage. All units will be built with one common party side wall and attached outdoor patio space adjacent. This configuration provides for functional outdoor space and provides for visual sight lines through the project similar to the single family residences to the east and the Marmalade library plaza to the west. The Type 1 townhomes will front on a "plaza" designed to create open space and pedestrian interaction in the overall project area. The Type 2 units will front Arctic Court, a private street. Garage access will be internal to the development and access will be via a private drive. Air conditioning units will be located internally as well to minimize visual impact. The applicants narrative (Attachment D), site plan and elevation drawings (Attachment C) are included for reference.

As part of the proposal, the applicant is requesting that the Planning Commission modify the required landscape buffer of 10 feet along Arctic Court. *Section 21A.48.8o(C) – Landscape Buffers* requires that a 10 foot landscape buffer be provided when a property in the RMU (Residential Mixed-Use) Zone abuts a single or two-family residential district. The subject property is zoned RMU and abuts property that is zoned SR-1A (Special Development Pattern Residential District). **The applicant is proposing a landscape buffer of 5'3"**; a reduction in the landscape buffer of 4'9". Please refer to the site plan for details (Attachment C).

The applicant is also requesting relief from *Section 20.12.010(E)(1) – Access to Public Streets* which states that all lots or parcels created by the subdivision of land shall have access to a public street improved to standards required by code, unless modified standards are approved by the Planning Commission as part of a Planned Development, and Section 21A.36.010(C) – Use of Land and Buildings which states that all lots shall front on a public street unless specifically exempted from this requirement by other provisions in the code. The Type 1 units of the proposed development do not have street frontage, rather they front the adjacent Marmalade Library plaza.

Finally, the applicant is requesting subdivision approval to create the proposed townhome lots.

The rationale behind the subject design is to provide the best and most creative use of the site and to orient the structures to, and hide the garages from, both the library plaza and Arctic Court, as outlined in the Marmalade Block Design Guidelines. The townhome buildings will be built essentially out to the property lines so that garage access will be through a private drive on the interior of the development.

PHOTOS OF SUBJECT SITE:



View of Arctic Court from 500 North looking north.

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View of project site between Arctic Court and the proposed park plaza and the Marmalade Library from 500 North looking north. The project site is located between Arctic Court and the chain link fence shown in the photo



View from 500 North of the new Marmalade Library and the proposed Marmalade Townhomes project.

KEY ISSUES:

The key issues listed below have been identified through the analysis of the project, neighbor input and department review comments.

Issue 1: The applicant is seeking a modification to the required landscape buffer in order to render the project more compatible with adjacent development and to complete the vision established for the overall project area by the RDA. Again, a 10 foot landscape buffer is required in the RMU zone when the property abuts a single of two-family zone.

Discussion: The project as proposed is built essentially to the street just as other developments have been built in the immediate vicinity in recent history. The Marmalade Library, various condominium and townhome developments in the area, as well as commercial development particularly along the 300 West corridor have all been built to the street in order to create a more urban, pedestrian friendly, and walkable environment. The proposed Marmalade Townhome project is no exception to this development pattern and is therefore appropriate in terms of setbacks for the subject site. The site plan has already been approved by the Historic Landmark Commission who reviews the design, materials, and compatibility with the development on the surrounding streetscape. The proposed townhomes provide a logical transition from the Marmalade Library to the single-family neighborhoods to the east.

The required landscape buffer of 10' is particularly relevant and important when two parcels actually abut one another. In this case, the applicant's parcel does not actually abut adjacent single family zoned property as it is separated by Arctic Court. Planning Staff asserts that the proposed 5'3" landscape buffer proposed, along with the width of Arctic Court provides an ample buffer (in excess of 25") for the single family zoned parcels to the east.

Issue 2: The applicant is requesting that the Planning Commission modify the street frontage requirement for the proposed lots where the Type 1 units will be located.

Discussion: The proposed Type 1 units have been designed to face the Marmalade Library plaza located adjacent and to the west of the proposed townhome development. This design feature will help to "activate" the plaza by creating a pedestrian friendly and walkable area. The plaza area also acts as fire access in case of emergency, so the Type 1 units can be serviced in case of emergency. Planning Staff asserts that the proposed townhome configuration is warranted given the location next to the library plaza and street frontage is not an essential element in the proposed design. The Historic Landmark Commission approved of the proposed design, however they do not have the ability to modify the street front requirement which falls under the purview of the Planning Commission.

NEXT STEPS:

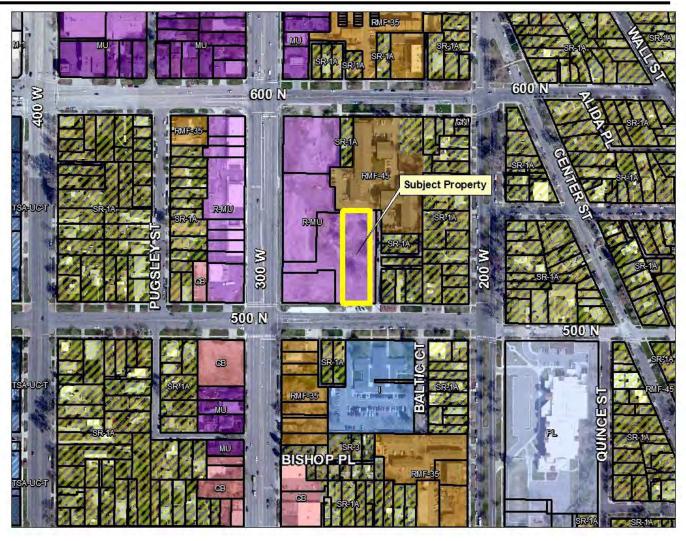
Having Historic Landmark Commission approval for the townhome design and site plan, any action taken by the Planning Commission regarding the Planned Development and Subdivision requests would complete City approval processes and the applicant would move forward to the building permit stage.

ATTACHMENTS:

- A. Vicinity Map
- B. Historic District Map
- C. Development Plan Set
- **D.** Applicant Information
- **E.** Existing Conditions
- F. Analysis of Planned Development Standards
- **G.** Analysis of Subdivision Standards
- H. Public Process and Comments
- I. Alternate Motion

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ATTACHMENT A: VICINITY MAP



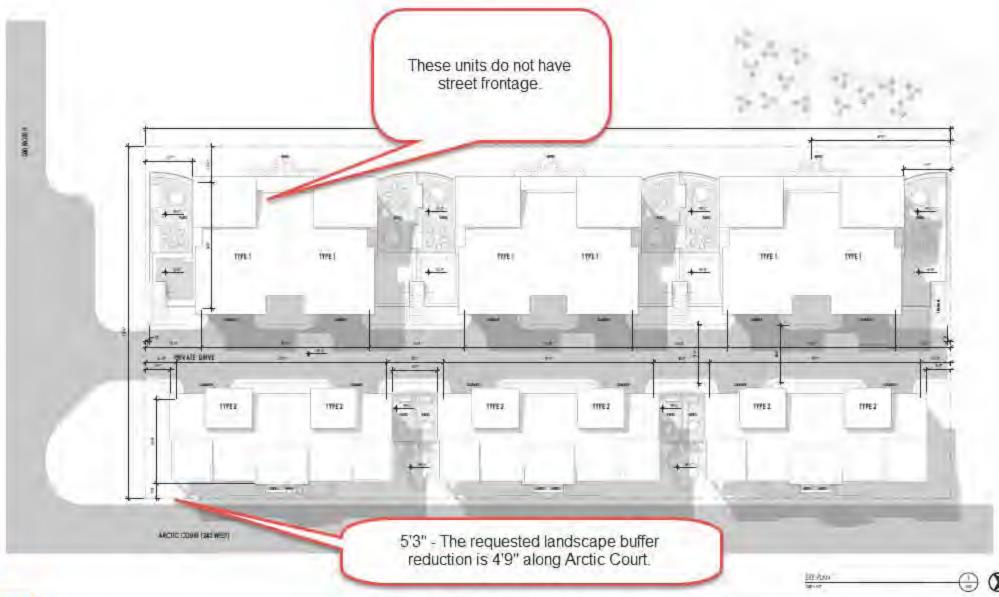
ATTACHMENT B: HISTORIC DISTRICT MAP



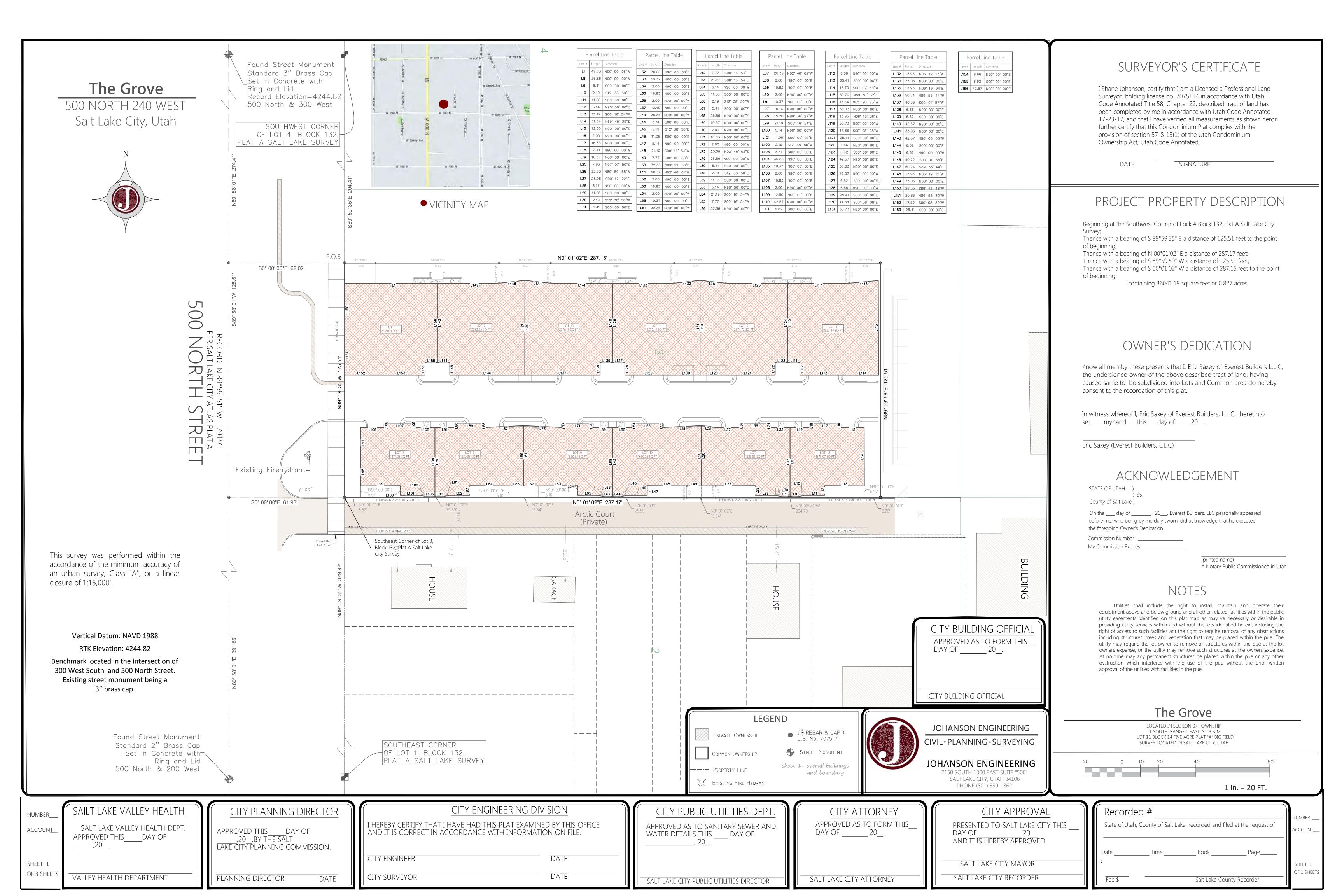
★ Approximate Project Location

ATTACHMENT C: DEVELOPMENT PLAN SET

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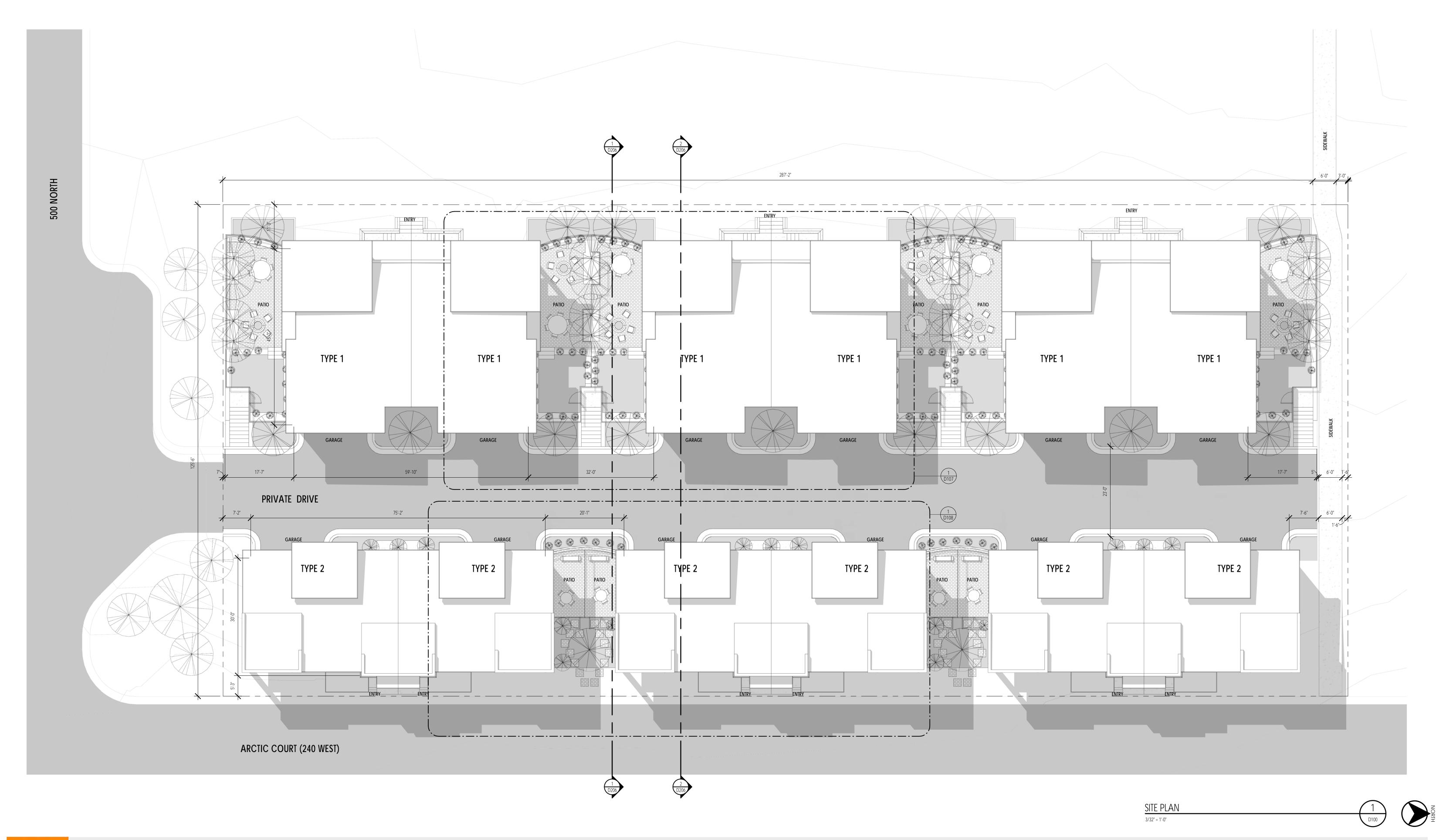








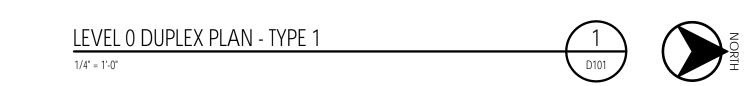






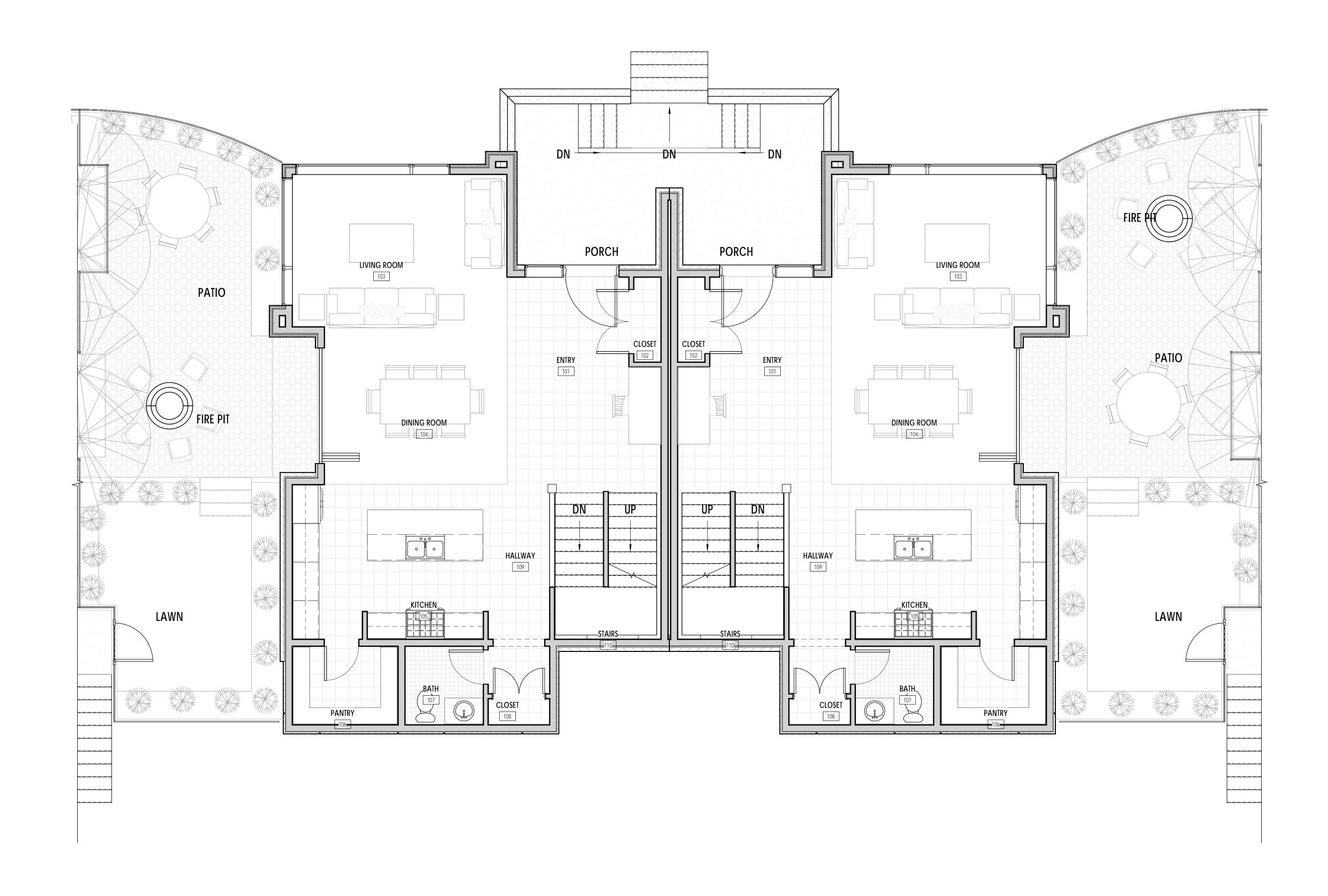


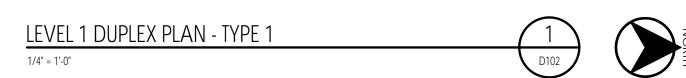


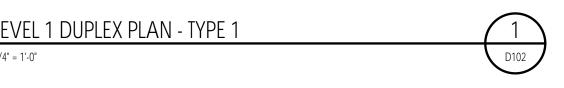




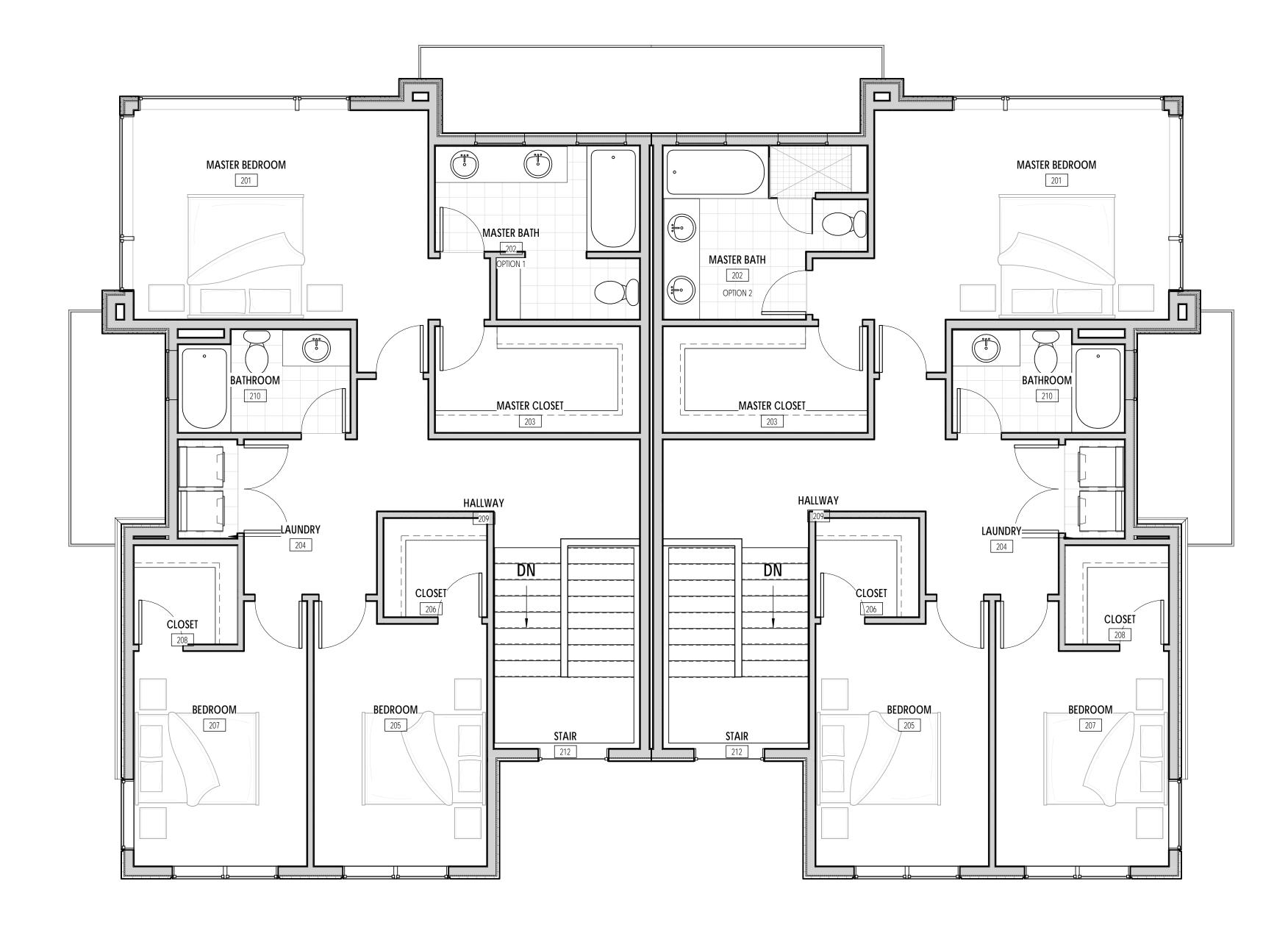


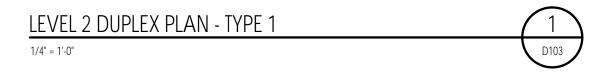






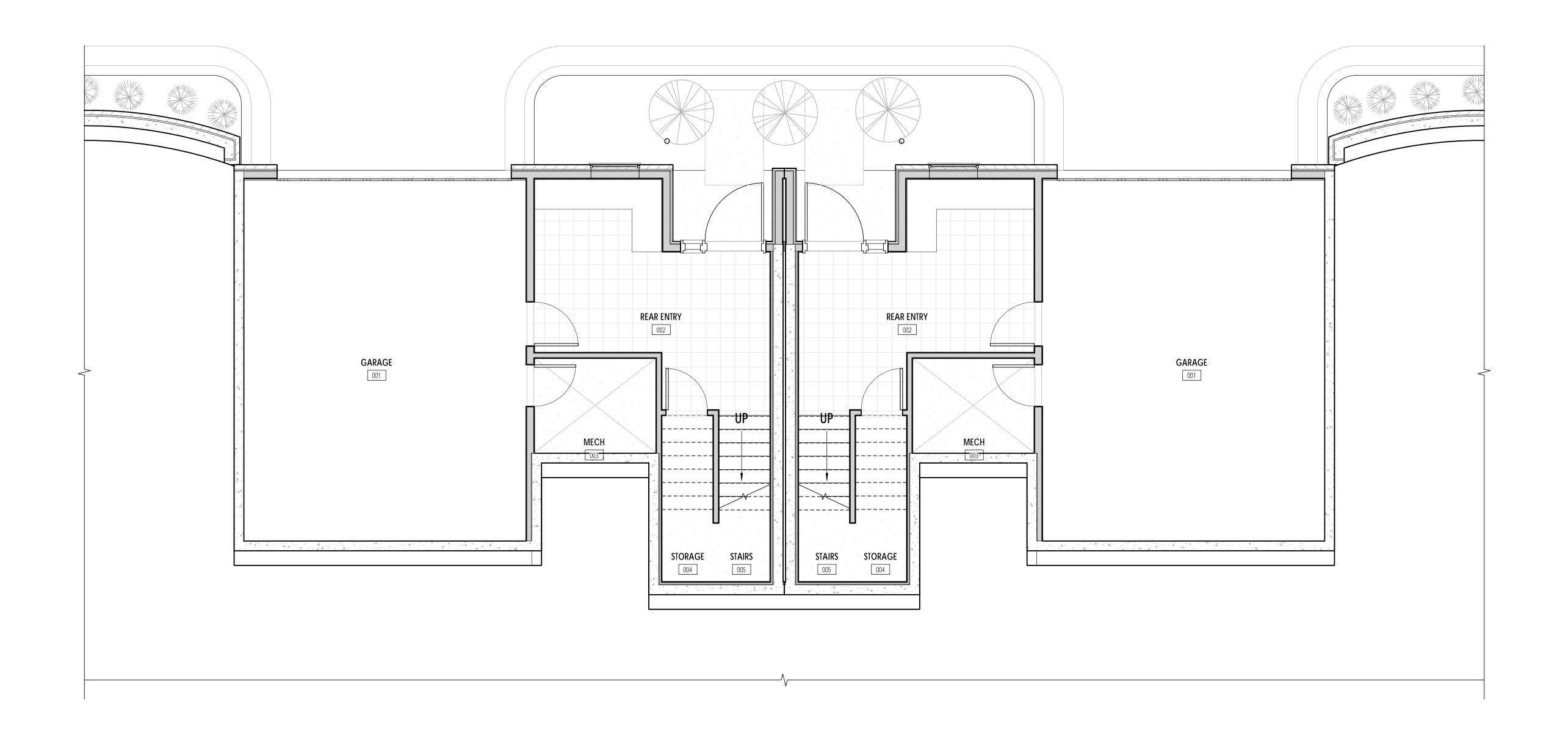


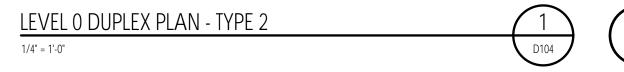






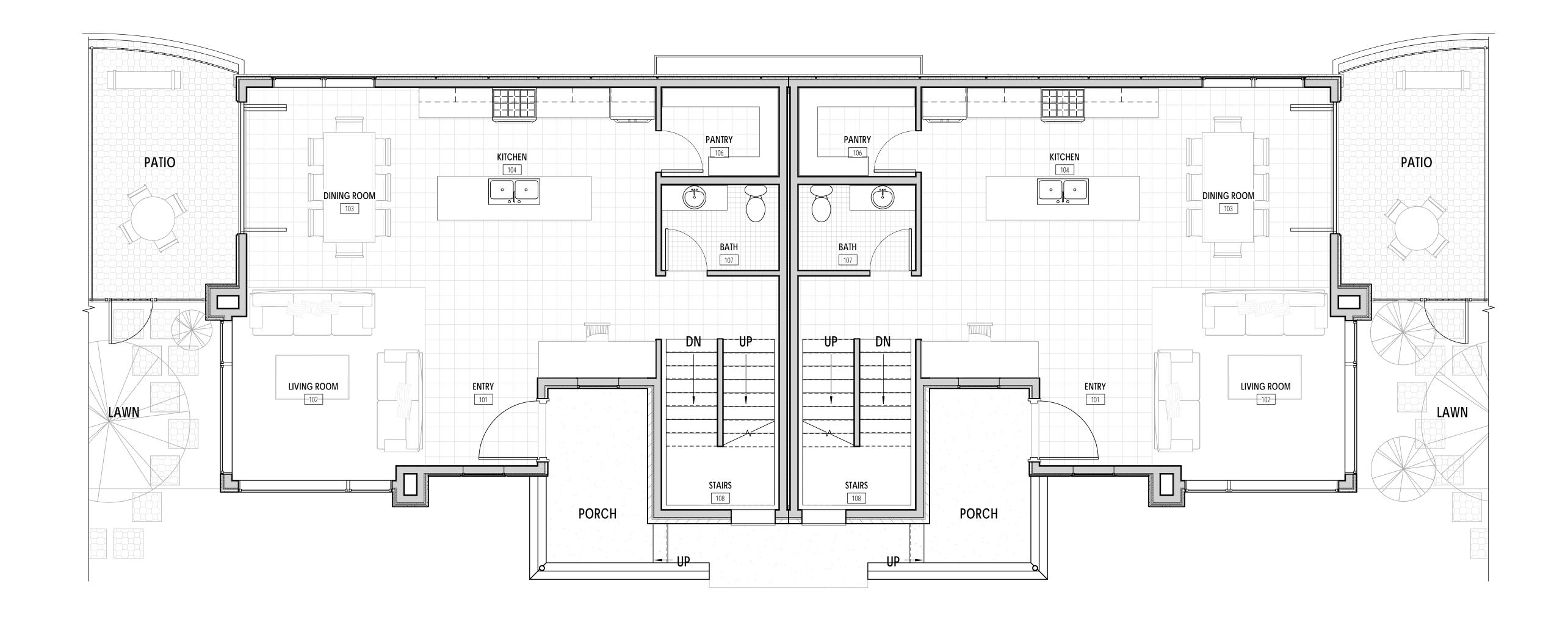


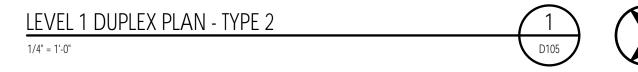






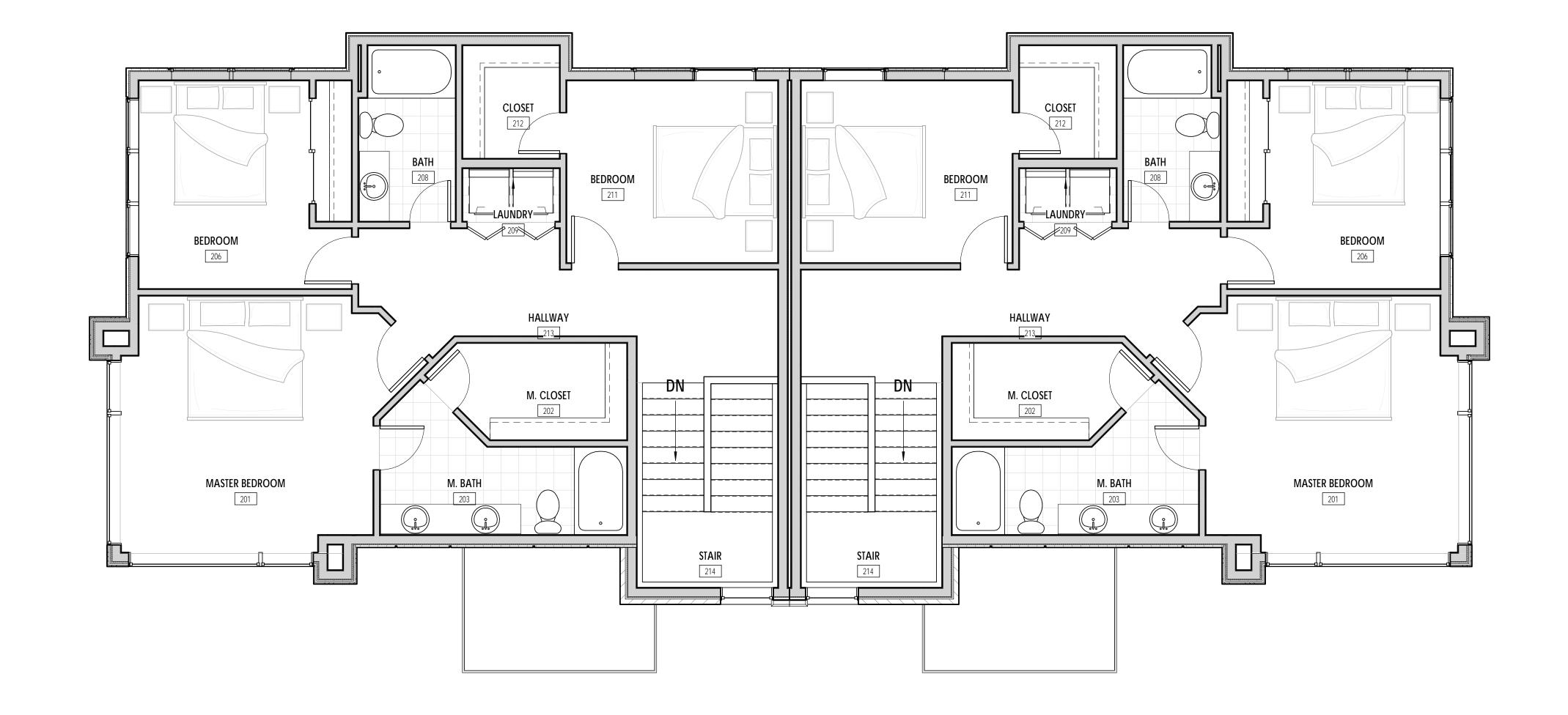


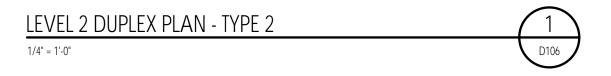






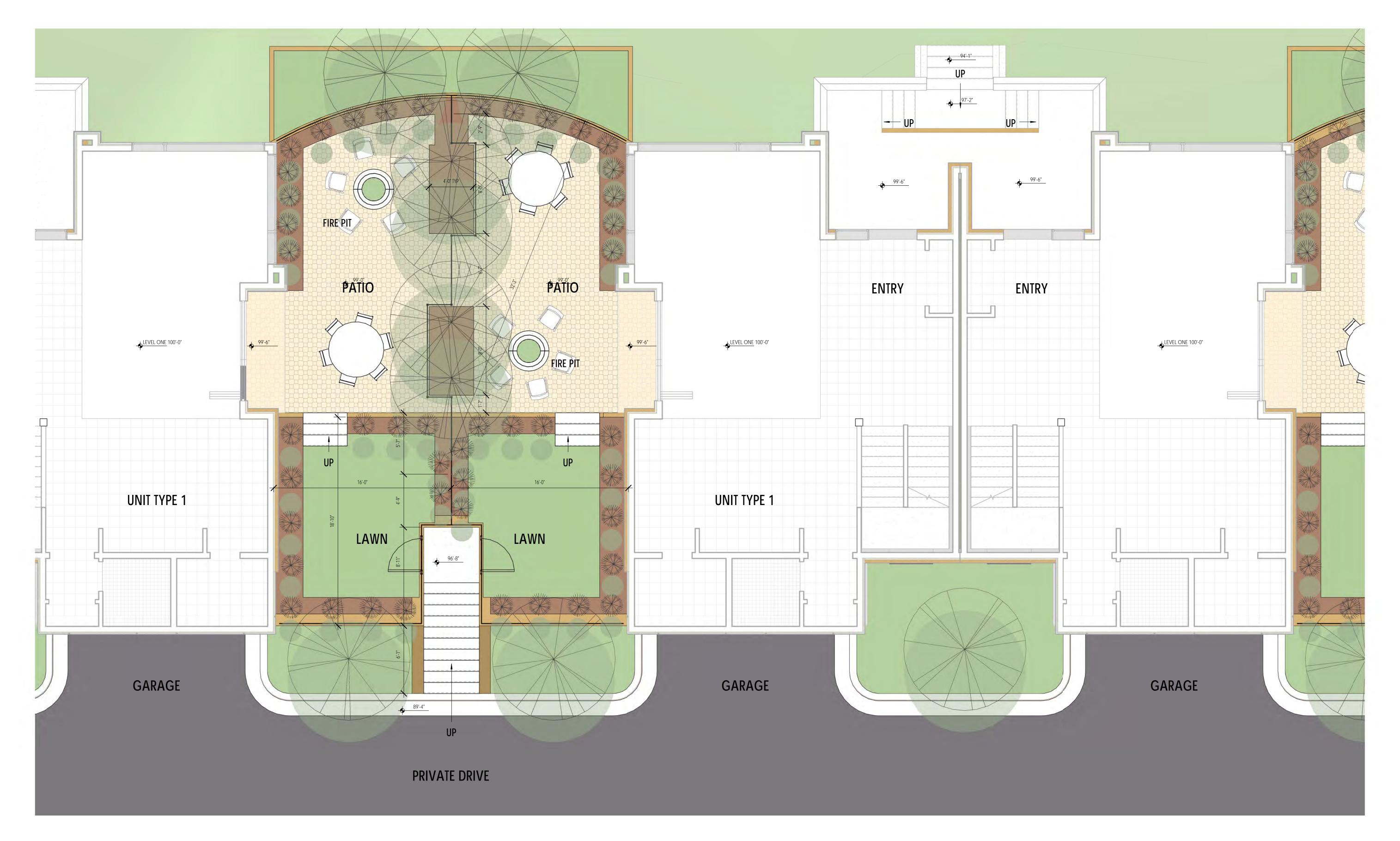




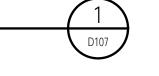








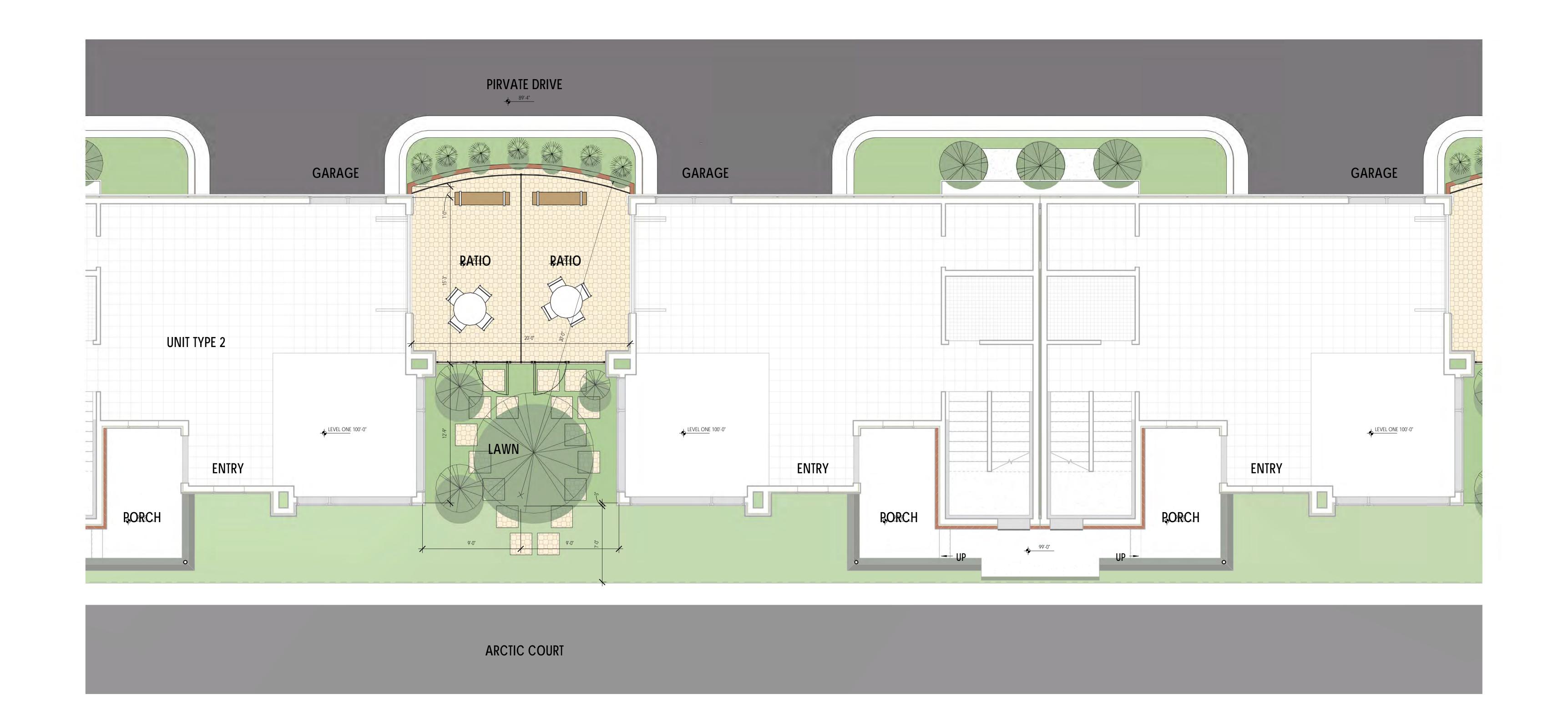








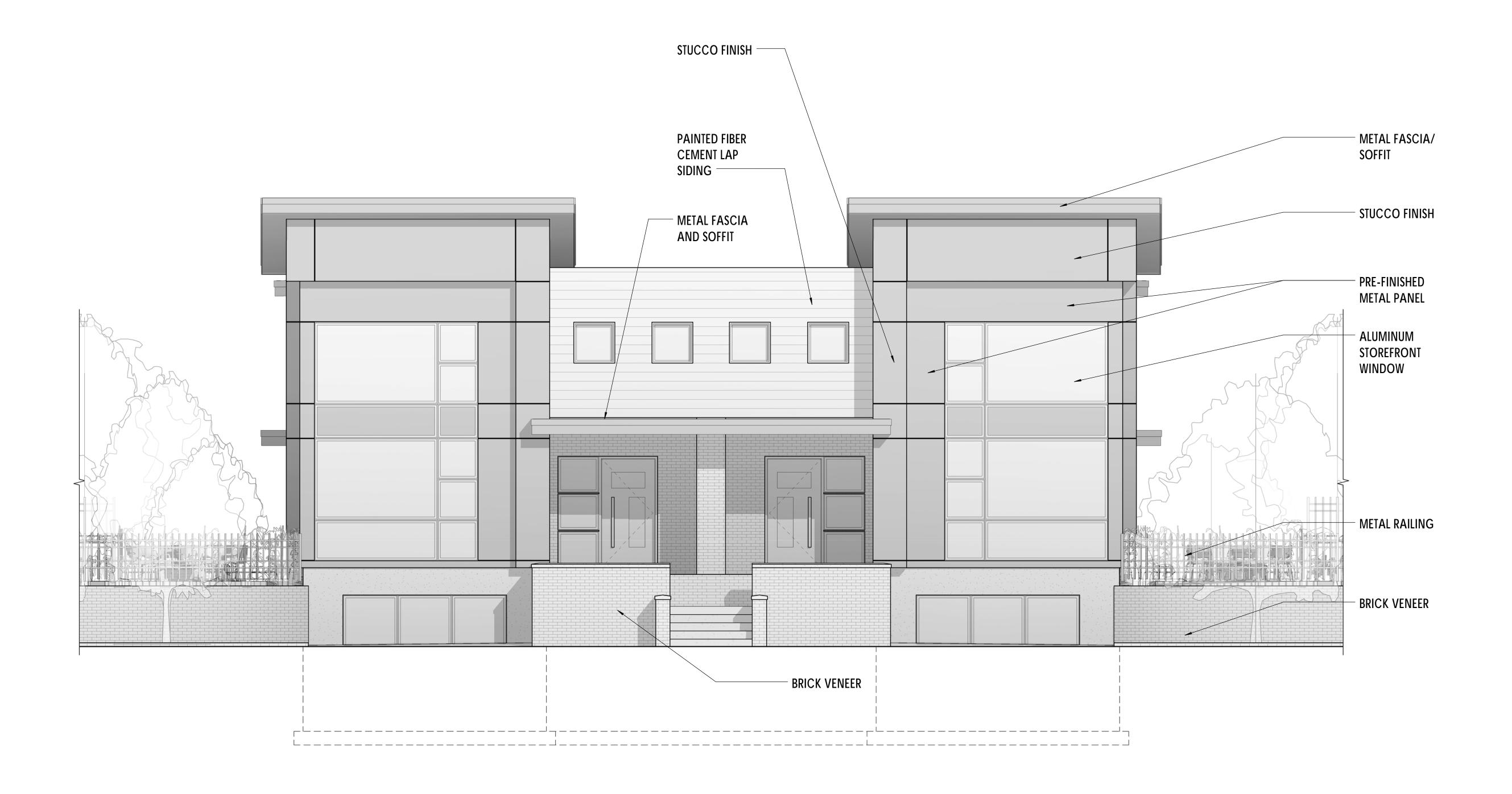
Architecture

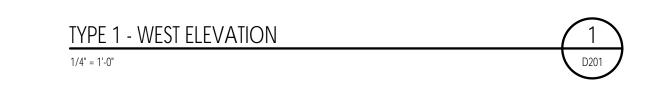




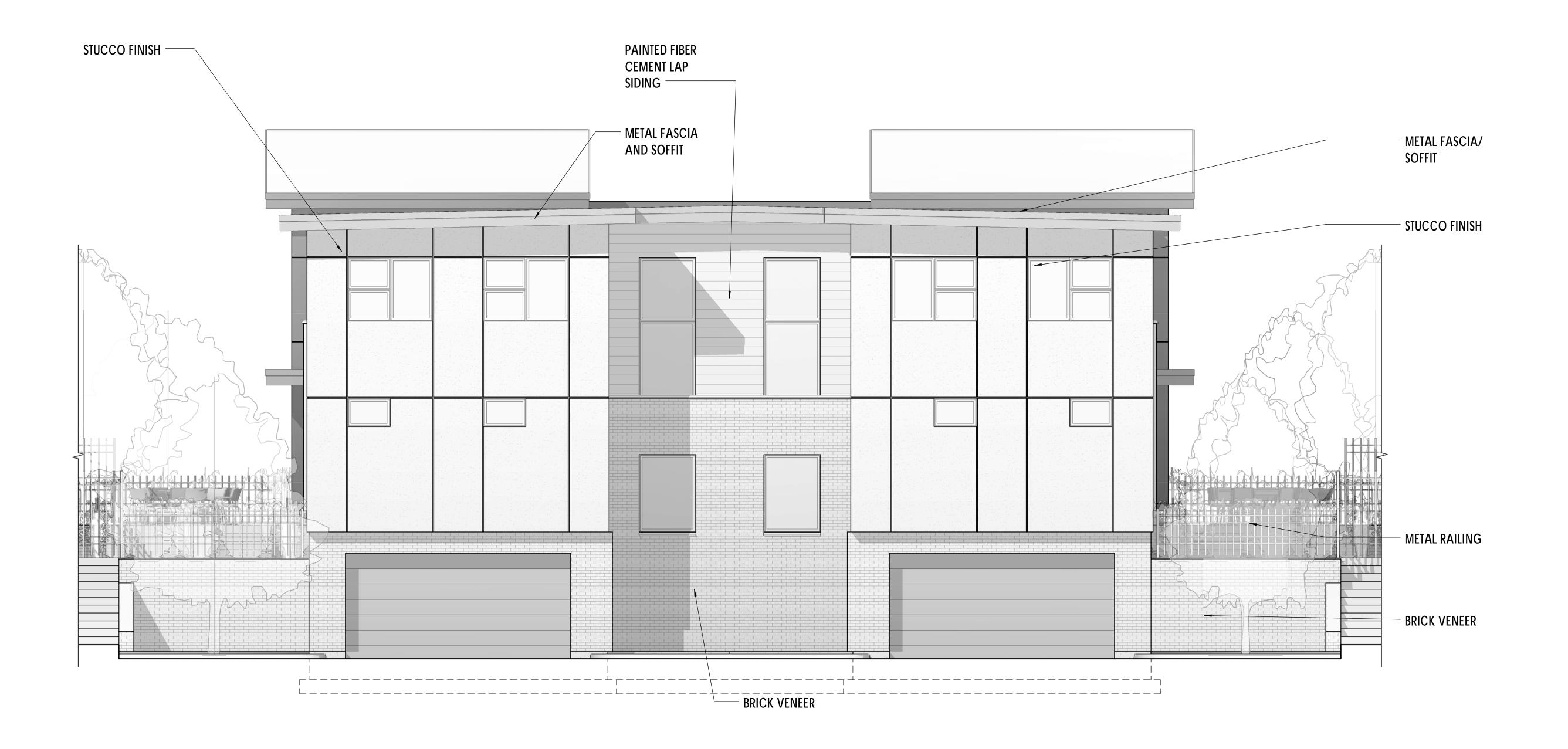


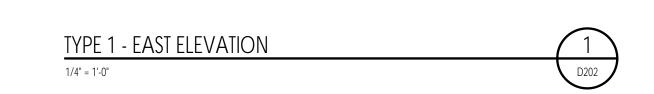




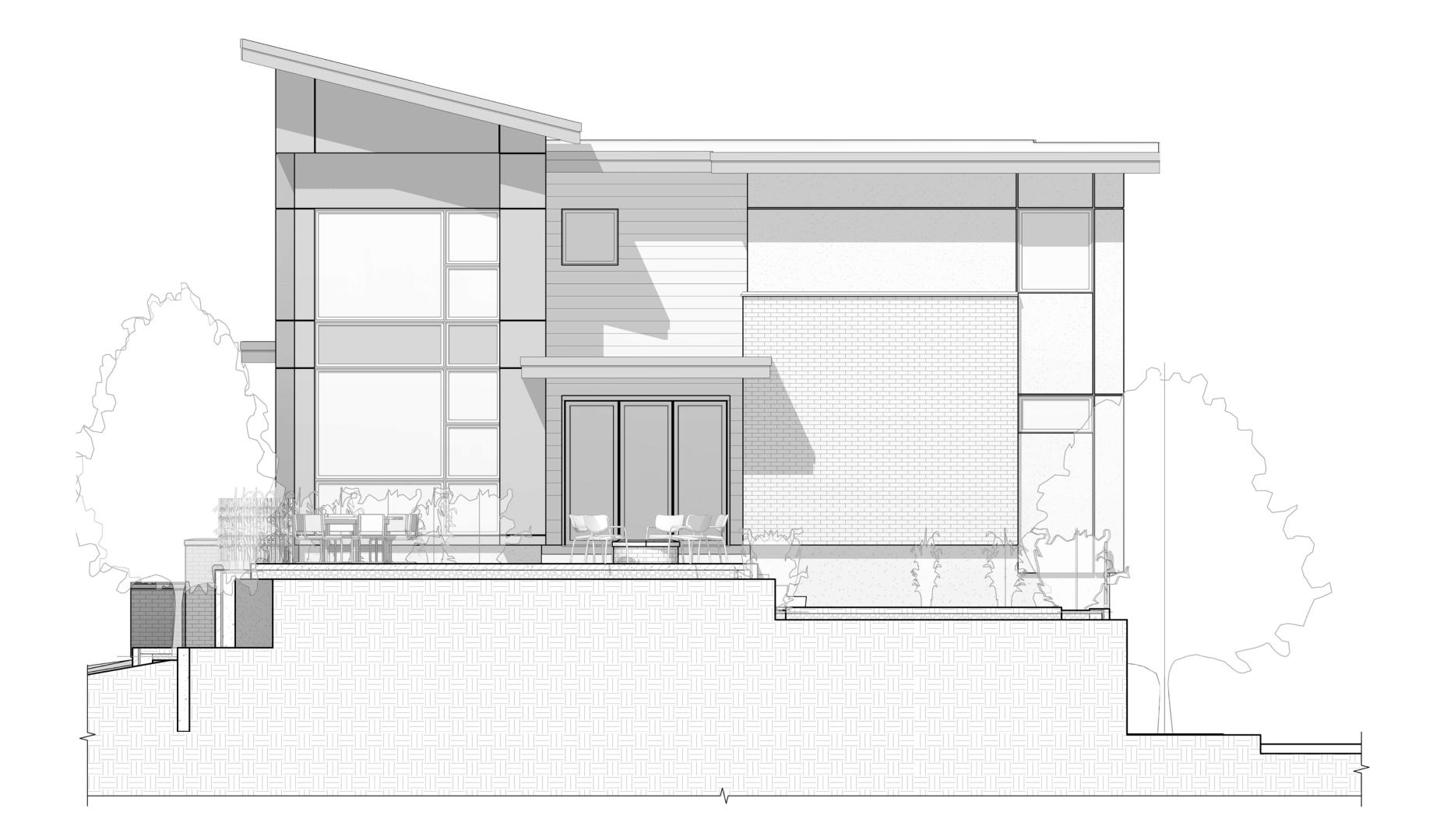


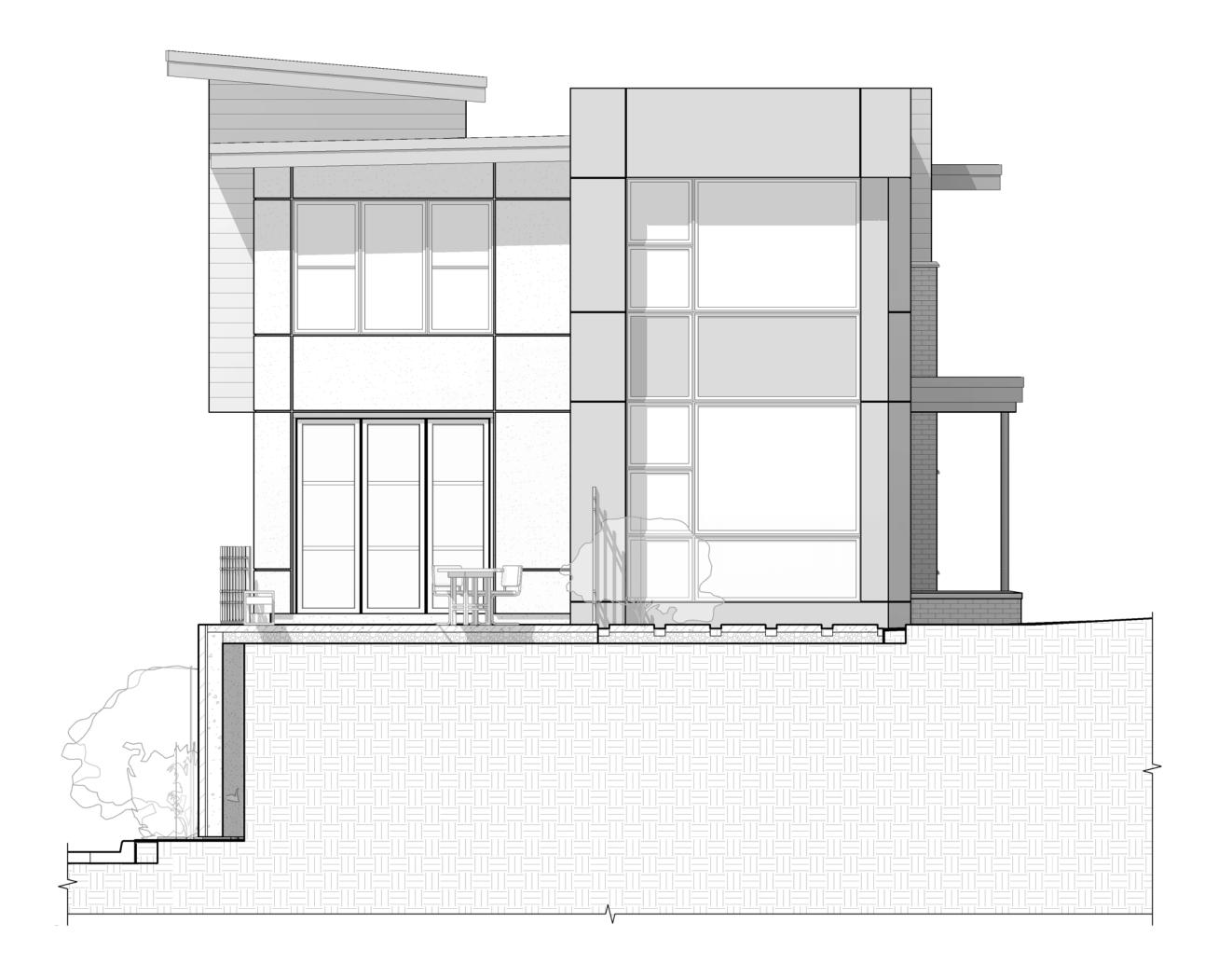












TYPE 1 - COURTYARD ELEVATION

1/4" = 1'-0"

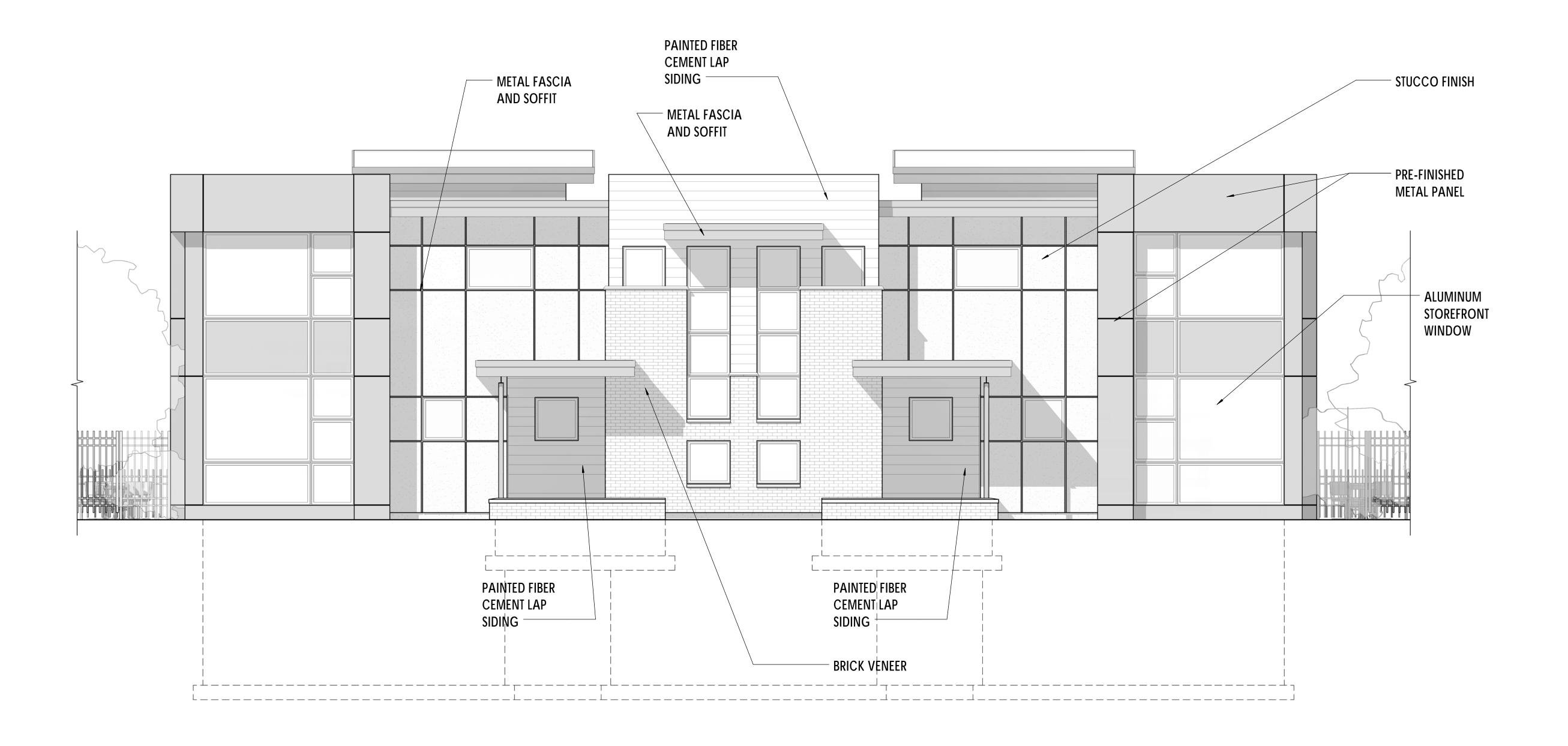
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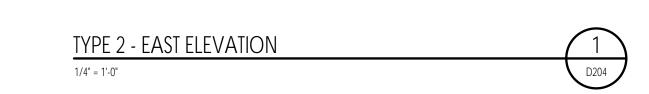
TYPE 2 - COURTYARD ELEVATION

1/4" = 1'-0"

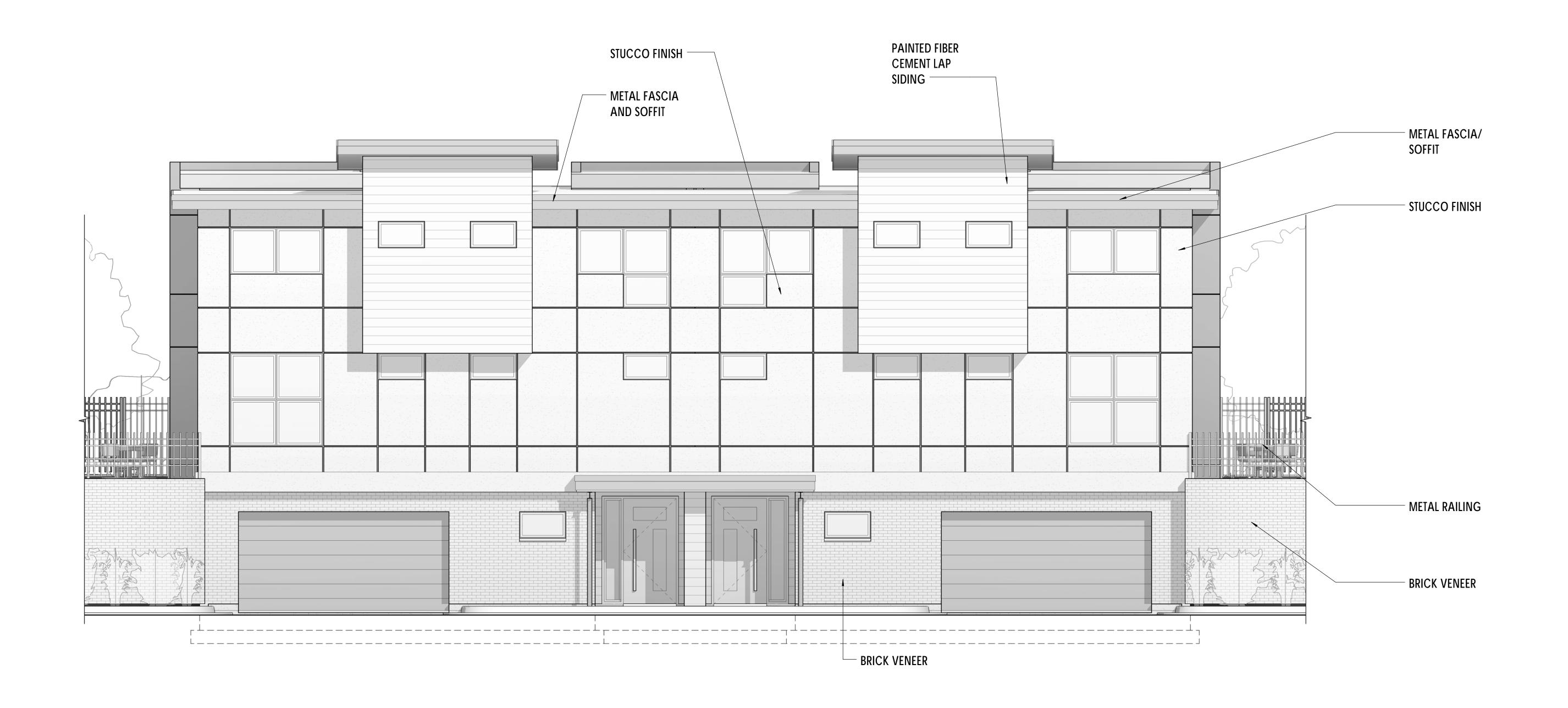


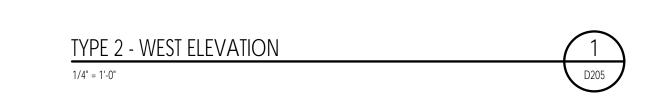




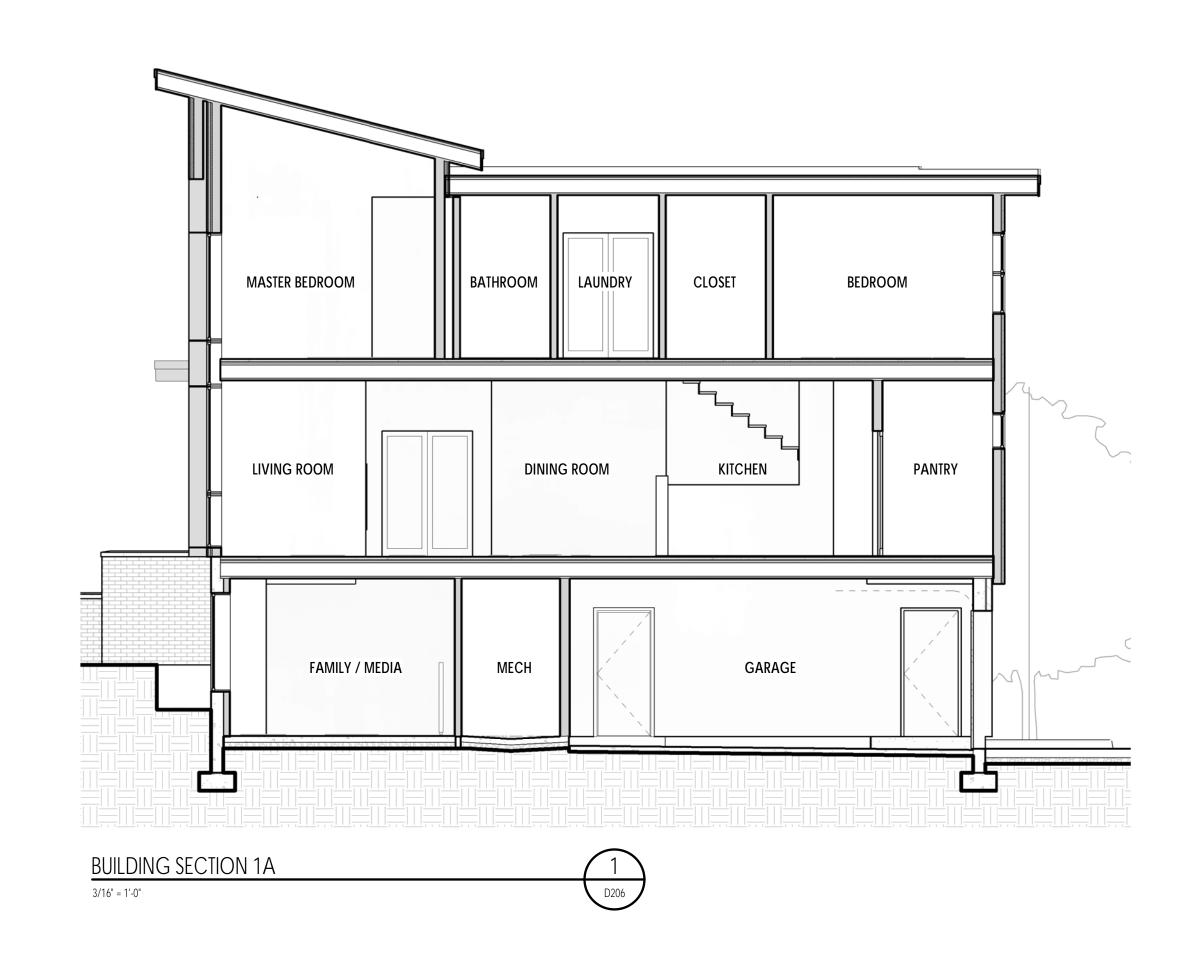


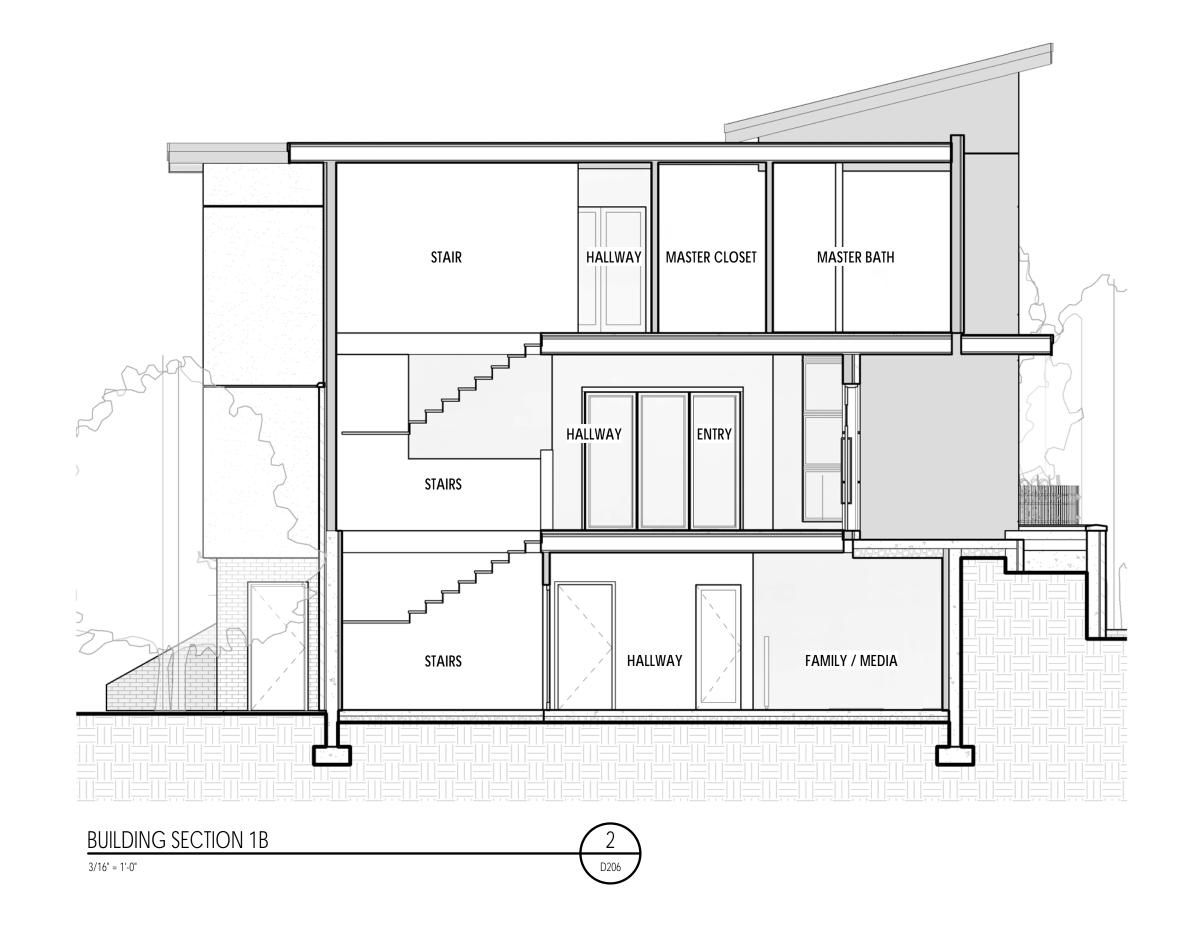






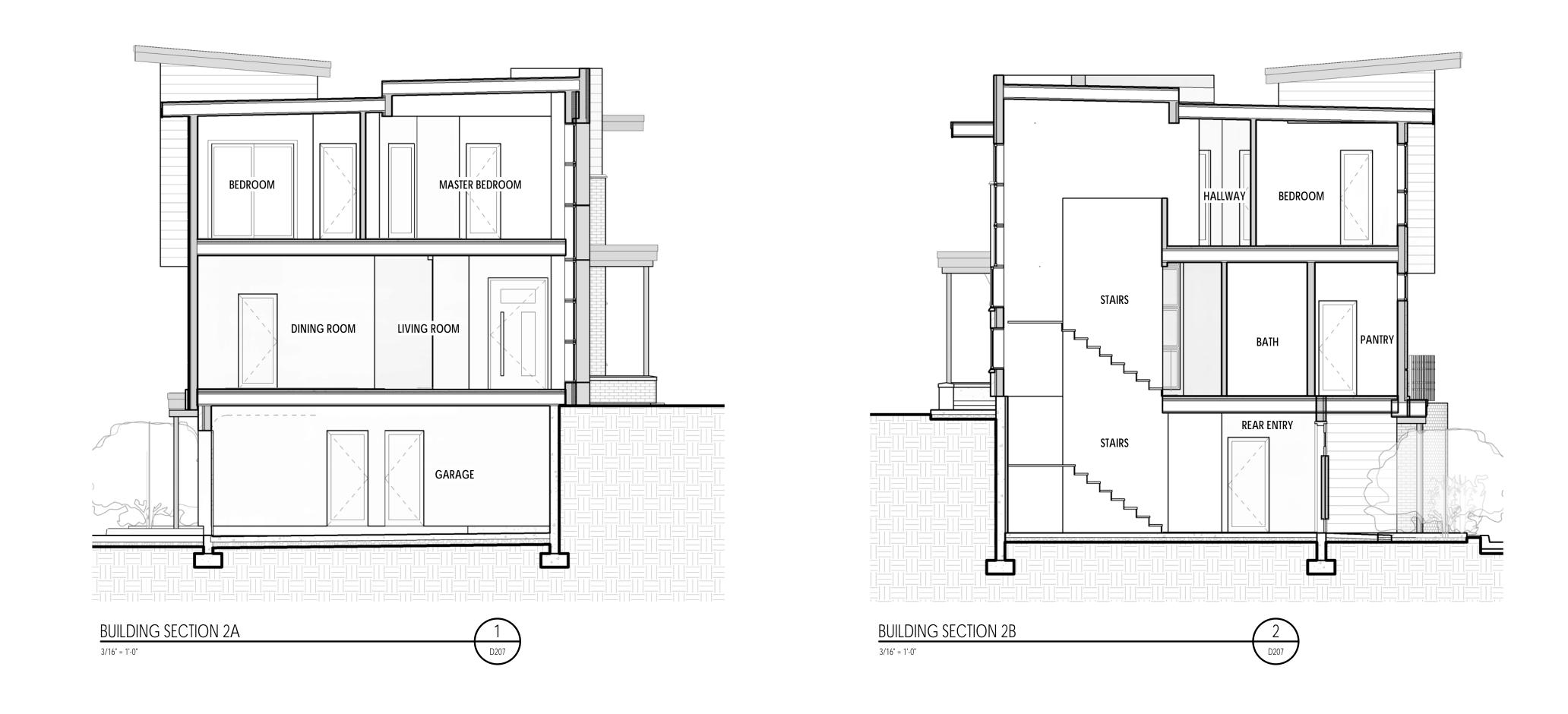






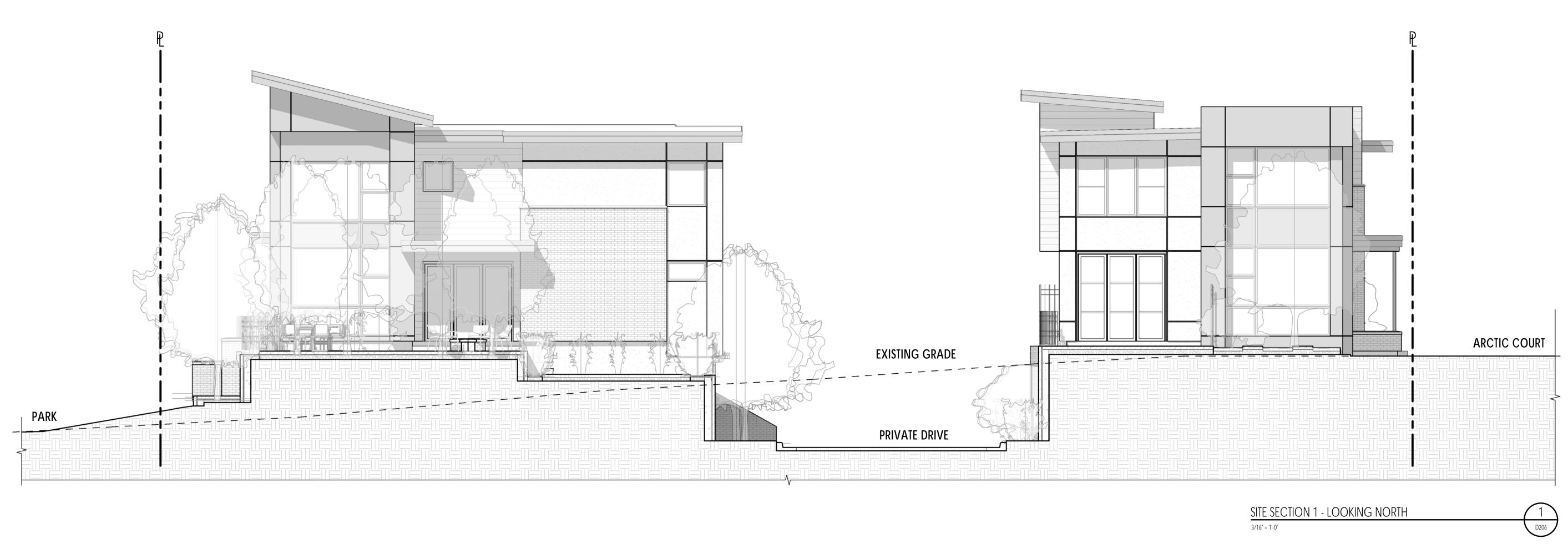


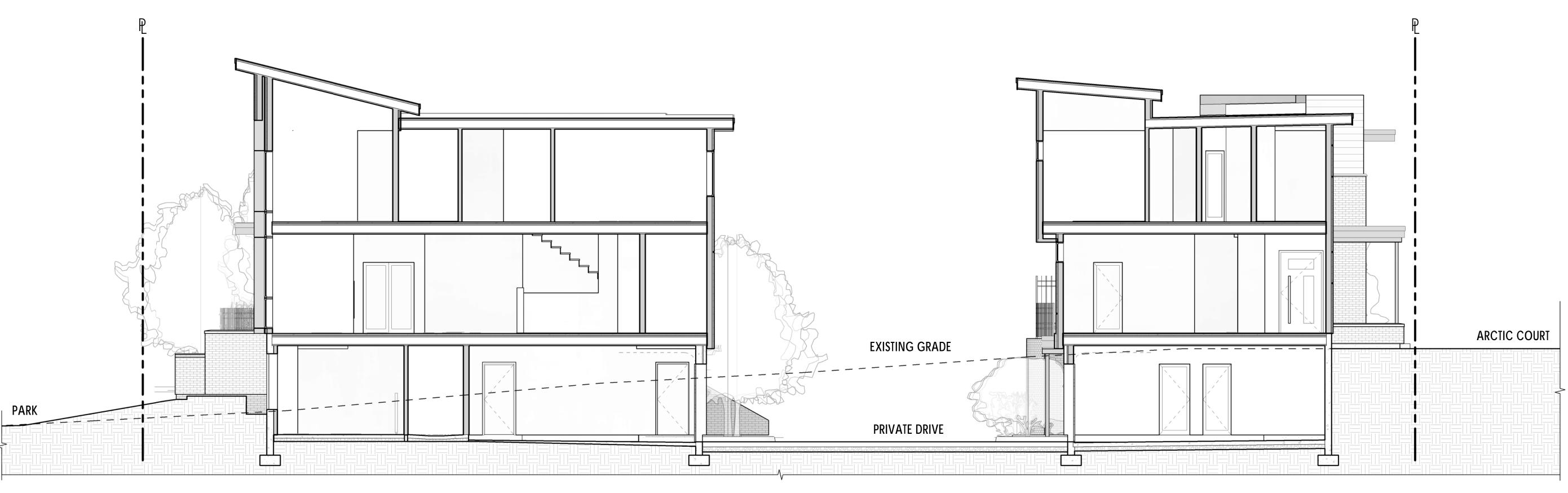








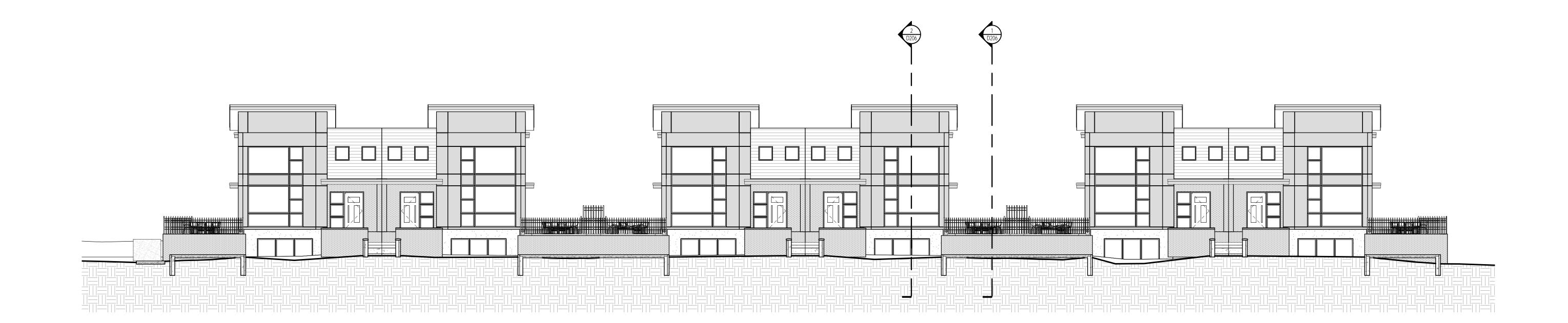


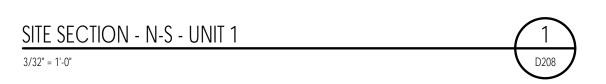


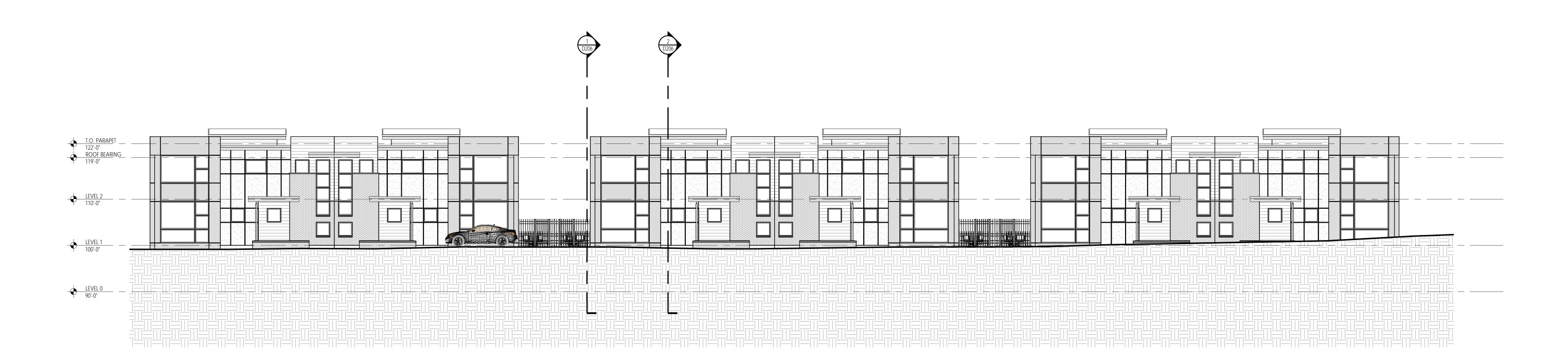


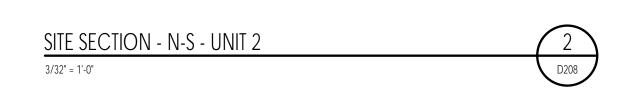
SITE SECTION 2 - LOOKING NORTH

3/16" = 1'-0"













UNIT 1 - FRONT PERSPECTIVE





UNIT 1 - REAR PERSPECTIVE





UNIT 2 - FRONT PERSPECTIVE





UNIT 2 - REAR PERSPECTIVE





SOUTHWEST PERSPECTIVE - FROM PARK





 $SCALE = \pm 1:80$



MARMALADE TOWNHOMES

SALT LAKE CITY, UT

ATTACHMENT D: APPLICANT INFORMATION

Publish Date: Jan 27, 2016

Project Description-RDA Parcel 4 Marmalade Block-535 N Arctic Court

My company, Everest Builders, was selected by the SLC RDA to build a townhome development on Parcel 4 of the Marmalade Block. This property is in the Capitol Hill Historic District, and more specifically, the West Capitol Hill Neighborhood.

The proposed new construction will consist of 12 single family attached units. There will be 2 unit types. The six western units will be 3149 sq ft with 3-4 bedrooms and 3 ½ bathrooms with a 2 car garage. The 6 eastern units will be 2583 sq ft with 3 bedrooms and 2 ½ bathrooms with a 2 car garage. All units are built with only one shared party wall per unit and connected by a retaining wall. This provides for a functional outdoor space in the side yard for each townhome. It also provides for visual sight lines through the project which I feel provides a great transition from the single family residences to the east to the Marmalade Library plaza to the west. I have been through required design reviews with the RDA (RDA Board and staff, separately) and overall the comments were positive, and they have approved the design of the structures and site as currently presented. This project has also been through The Landmarks process and been approved. I plan build to LEED Silver Certification specifications, as per SLC RDA requirements.

The thought behind design is to provide the best and most creative use of the site and to orient the structures to, and hide the garages from, both the Library Plaza and Arctic Court, as is requested in the Marmalade Block Design Guidelines. The townhome buildings are nudged out toward the edges of the property to provide garage access through a private drive through the interior of the project.

I am seeking some relief from the side yard landscape requirement on the Arctic Court (east units) side.

The ordinance states a required 10 foot landscape buffer to the property line where R-MU zoning abuts single family zoning. This site plan provides 5'3". I believe that the intent of the ordinance is to buffer the single family home owners from the higher density housing by 10 feet. With Arctic Court between the Parcel 4 development and the single family housing, there is actually 25'3" between the structures and the property line of the single family home owner's property line. I believe the intent of the ordinance is met. I am bearing the expense of rebuilding the Arctic Court street and underground infrastructure as part of the development agreement with the RDA.

I am also asking for the Planning Commission to approve the site plan with the west units lacking street frontage.

Drive access is from a private driveway and front door access is from the west plaza.

All other planning and zoning requirements are met with the design of the structures and site as currently presented.

I hope you agree that this is a positive trade off and I have made all efforts to accomplish this in a way that is respectful to the neighboring properties and the neighborhood as a whole. Thank you.

ATTACHMENT E: ZONING ORDINANCE STANDARDS

Existing Conditions: The site is currently undeveloped and vacant.

Zoning Ordinance Standards for RMU (Residential Mixed-Use District)

Standard	Finding	Rationale
Minimum Lot Area And Lot Width: 3,000 square feet per dwelling unit and 22' for interior lots, 32 for corners.	Complies	The subject parcel is approximately 37,461 square feet with 12 dwelling units proposed. The minimum lot size of 3,000 feet will be met at the time the project is platted.
Minimum Front Yard Requirements: 15 feet.	Approved by the HLC.	The applicant requested that the front yard setback for the Type 1 units be essentially eliminated, however the patio that is proposed in the front yard along 500 North provides almost 17' between the property line and the front façade of the building. The Type 2 units are setback approximately 11 feet from 500 North. This area will be landscaped.
Interior Side Yard: No yard is required, however if one is provided is shall not be less than 4 feet.	Complies	The interior side yards exceed 4 feet in all instances, along Arctic Court and the library plaza.
Rear Yard: 25% of the lot depth or 25' whichever is less.	Approved by the HLC.	The rear yard for both the Type 1 and Type II was significantly reduced by 9' and 16' respectively, however it was noted that these buildings abut a high density multifamily development to the north, separated by an access drive.
Maximum Building Height: 75 feet.	Complies	Various building heights are proposed. None to exceed 75 feet. The highest elevation is on the west side of the Type 2 units at approximately 36', the east elevation of these units which faces Arctic Court is approximately 25'.
Minimum Open Space: Not less than 20% of the lot area shall be maintained as open space. This open space may take the form of landscape yards or plazas or courtyards, subject to site plan approval.	Complies	Overall the total project meets the 20% open space requirement per the proposed site plan.
Landscape Buffer: Required in the RMU when abutting a single or two-family residential zone.	Requires PC approval for reduction.	Arctic Court is a private street and the property across Arctic is zoned SR-1A. A ten foot landscaping buffer is required. The applicant is requesting that the PC reduce the required landscape buffer.

ATTACHMENT F: PLANNED DEVELOPMENT STANDARDS

21a.55.050: Standards for Planned Developments: The planning commission may approve, approve with conditions, or deny a planned development based upon written findings of fact according to each of the following standards. It is the responsibility of the applicant to provide written and graphic evidence demonstrating compliance with the following standards:

Standard	Finding	Rationale
A. Planned Development Objectives: The planned development shall meet the purpose statement for a planned development (section 21A.55.010 of this chapter) and will achieve at least one of the objectives stated in said section: A. Combination and coordination of architectural styles, building forms, building materials, and building relationships; B. Preservation and enhancement of desirable site characteristics such as natural topography, vegetation and geologic features, and the prevention of soil erosion; C. Preservation of buildings which are architecturally or historically significant or contribute to the character of the city; D. Use of design, landscape, or architectural features to create a pleasing environment;	Complies	The applicant achieves objective A, D, and E, through the proposed design. The townhomes are built to the street along the east property boundary, and are designed to interface with the library plaza on the west. The proposed design has been reviewed by the RDA, and has been reviewed and approved by the HLC.
E. Inclusion of special development amenities that are in the interest of the general public; F. Elimination of blighted structures or incompatible uses through redevelopment or rehabilitation; G. Inclusion of affordable housing with market rate housing; or		
H. Utilization of "green" building techniques in development.		
B. Master Plan And Zoning Ordinance Compliance: The proposed planned development shall be: 1. Consistent with any adopted policy set forth in the citywide, community, and/or small area master plan and future land use map applicable to the site where the planned	Complies	The project is located within the Capitol Hill Master Plan area and is designated "High Density Mixed-Use". The proposed development is consistent with this master plan designation and is allowed in the RMU zoning district (see Attachment E – Existing Conditions). The project is also consistent with the Marmalade Block Urban and Landscape Design Guidelines, a master plan prepared for the RDA.
development will be located, and		

planning commission shall consider: 1. Whether the street or other adjacent street/access or means of access to the site provide the necessary ingress/egress without materially degrading the service level on such street/access or any 2. Whether the planned development off of 500 North. The entrance on 500 North is designed to minimize vehicular impact. Parking is to be located on the interior of the development. None of the City Departments/Divisions contacted have made any indication that there is a lack of utility or public services to support the proposed development. The entire project is designed and will be sited in	the planned development will be located or by another applicable provision of this title.		
and its location will create unusual pedestrian or vehicle traffic patterns or volumes that would not be expected, based on: a. Orientation of driveways and whether they direct traffic to major or local streets, and, if directed to local streets, the impact on the safety, purpose, and character of these streets; b. Parking area locations and size, and whether parking plans are likely to encourage street side parking for the planned development which will adversely impact the reasonable use of adjacent property; c. Hours of peak traffic to the proposed planned development and whether such traffic will unreasonably impair the use and enjoyment of adjacent property. 3. Whether the internal circulation system of the proposed planned development will be designed to mitigate adverse impacts on adjacent property from motorized, non-motorized, and pedestrian traffic; 4. Whether existing or proposed utility and public services will be adequate to support the proposed planned development at normal service levels and will be designed in a manner to avoid adverse impacts on adjacent land uses, public services, and utility resources; 5. Whether appropriate buffering or other mitigation measures, such as, but not limited to, landscaping, setbacks, building location, sound attenuation,	development shall be compatible with the character of the site, adjacent properties, and existing development within the vicinity of the site where the use will be located. In determining compatibility, the planning commission shall consider: 1. Whether the street or other adjacent street/access or means of access to the site provide the necessary ingress/egress without materially degrading the service level on such street/access or any 2. Whether the planned development and its location will create unusual pedestrian or vehicle traffic patterns or volumes that would not be expected, based on: a. Orientation of driveways and whether they direct traffic to major or local streets, and, if directed to local streets, the impact on the safety, purpose, and character of these streets; b. Parking area locations and size, and whether parking plans are likely to encourage street side parking for the planned development which will adversely impact the reasonable use of adjacent property; c. Hours of peak traffic to the proposed planned development and whether such traffic to the proposed planned development will be designed to mitigate adverse impacts on adjacent property. 3. Whether the internal circulation system of the proposed planned development will be designed to mitigate adverse impacts on adjacent property from motorized, nonmotorized, and pedestrian traffic; 4. Whether existing or proposed utility and public services will be adequate to support the proposed planned development at normal service levels and will be designed in a manner to avoid adverse impacts on adjacent land uses, public services, and utility resources; 5. Whether appropriate buffering or other mitigation measures, such as, but not limited to, landscaping, setbacks,	Complies	between commercial and residential development along 300 West and the single-family development located to the east. One parking entrance to the proposed development is off of 500 North. The entrance on 500 North is designed to minimize vehicular impact. Parking is to be located on the interior of the development. None of the City Departments/Divisions contacted have made any indication that there is a lack of utility or public services to support the proposed development. The entire project is designed and will be sited in such a manner as to focus on the street, with little

odor control, will be provided to protect adjacent land uses from excessive light, noise, odor and visual impacts and other unusual disturbances from trash collection, deliveries, and mechanical equipment resulting from the proposed planned development; and		
6. Whether the intensity, size, and scale of the proposed planned development is compatible with adjacent properties. If a proposed conditional use will result in new construction or substantial remodeling of a commercial or mixed used development, the design of the premises where the use will be located shall conform to the conditional building and site design review standards set forth in chapter 21A.59 of this title.		
D. Landscaping: Existing mature vegetation on a given parcel for development shall be maintained. Additional or new landscaping shall be appropriate for the scale of the development, and shall primarily consist of drought tolerant species;	Requires PC approval for reduction of landscape buffer.	The applicant is seeking a modification to the required landscape buffer in order to render the project more compatible with adjacent development and to complete the vision established for the overall project area by the RDA. The reduction allows the townhomes to be built essentially at the street. A 10 foot landscape buffer is required in the RMU zone when the property abuts a single of two-family zone. The required landscape buffer of 10' is particularly relevant and important when two parcels actually abut one another. In this case, the applicant's parcel does not actually abut adjacent single family zoned property as it is separated by Arctic Court. Planning Staff asserts that the proposed 5'3" landscape buffer proposed, along with the width of Arctic Court provides an ample buffer (in excess of 25') for the single family zoned parcels to the east.
E. Preservation: The proposed planned development shall preserve any historical, architectural, and environmental features of the property;	Does not apply	
F. Compliance With Other Applicable Regulations: The proposed planned development shall comply with any other applicable code or ordinance requirement.	Requires PC approval for the creation of lots without street frontage.	The applicant is specifically seeking relief of the requirement for all lots to have street frontage. The Planning Commission has decision making authority in this case. Other than the specific modifications requested by the applicant, the project appears to comply with all other applicable codes. Further compliance will be ensured during review of construction permits.

ATTACHMENT G: SUBDIVISION STANDARDS

20.16.100: All preliminary plats for subdivisions and subdivision amendments shall meet the following standards:

Criteria	Finding	Rationale
A. The subdivision complies with the general design standards and requirements for subdivisions as established in Section 20.12	Complies	The proposed townhome lots comply with the general design standards and requirements for subdivisions as established in Section 20.12 – General Standards and Requirements. In addition, the Historic Landmark Commission specifically approved the site plan on 9/3/15 that directly corresponds to the proposed subdivision.
B. All buildable lots comply with all applicable zoning standards;	Complies	The proposed lots comply with the zoning standard.
C. All necessary and required dedications are made;	Complies	No dedications are required.
D. Water supply and sewage disposal shall be satisfactory to the Public Utilities Department director; E. Provisions for the construction of	Complies by	The Public Utilities department was consulted on the proposed development on several occasions and made no indication that water supply and sewage disposal was an issue at the subject location. The provisions or 20.40.010 shall be met through
any required public improvements, per section 20.40.010, are included;	condition	compliance with all City Department/Division comments.
F. The subdivision otherwise complies with all applicable laws and regulations.	Complies	The subdivision otherwise complies with all applicable laws and regulations.
G. If the proposal is an amendment to an existing subdivision and involves vacating a street, right-of-way, or easement, the amendment does not materially injure the public or any person who owns land within the subdivision or immediately adjacent to it and there is good cause for the amendment.	Complies	The proposed subdivision is not an amendment to an existing subdivision nor does it involve vacating a street, right-of-way way, or easement.

ATTACHMENT H: PUBLIC PROCESS AND COMMENTS

Meetings & Public Notice

The following is a list of public meetings that have been held, and other public input opportunities, related to the proposed project.

September 3, 2015 – The Historic Landmark Commission approved the development proposal and site plan.

December 16, 2015 – The applicant met with the Capitol Hill Community Council. No comments were received as of the preparation and distribution of this staff report.

Notice of the Planning Commission public hearing for the proposal include:

- Notice mailed on January 14, 2016.
- Agenda posted on the Planning Division and Utah Public Meeting Notice websites on January 14, 2016.

Comments

City Department/Division comments regarding the planned development and subdivision are attached. No comments were received that would preclude the proposed development or subdivision. Any approval granted by the Planning Commission would be conditional based upon the requirement of the applicant satisfying all City Department/Division comments.

Memorandum

To: Lex Traughber, Senior Planner

From: Ken Brown, Senior Development Review Planner

Date: December 7, 2015

Re: PLNSUB2015-00928 Preliminary Subdivision: 535 N. Arctic Ct.

PLNSUB2015-00929 Planned Development: 535 N. Arctic Ct.

Building Services zoning comments for this preliminary subdivision and planned development application in an R-MU zoning district are as follows:

- It is understood that the historic district elements have been processed under PLNHLC2015-00360.
- This property is located in close proximity to a suspected fault line and requires a Site Specific Fault Study to verify that the structures will not be placed over a fault line.
- Per the PLNZAD2015-00591, it is understood that this proposal is to create 12 new single family attached units, some of which will be connected at the patio.
- Through the planned development/subdivision process, the following issues will need to be considered:
 - o Front façade controls per 21A.24.010.
 - The lot area for each single family attached dwelling lot.
 - The lot width for each single family attached dwelling lot.
 - The minimum and maximum setbacks.
 - 10' landscape buffer where the development abuts the SR-1A zoning district and other landscaping per 21A.24.170 and 21A.48.
 - o Open space.
 - Entrance and visual access as regulated by 21A.170.



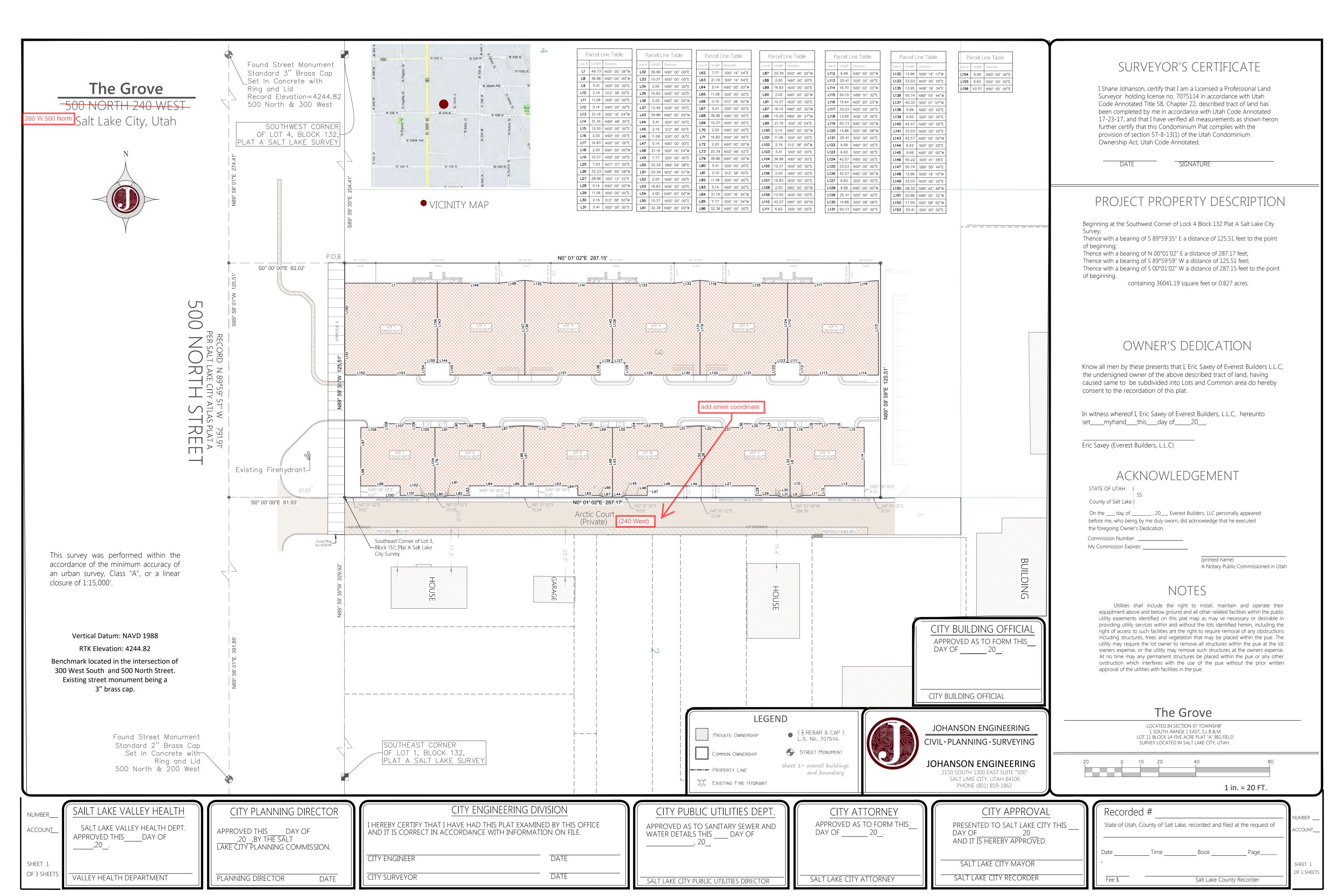
Work Flow History Report 535 N Arctic Ct PLNSUB2015-00929

Date	Task/Inspection	Status/Result	Action By	Comments
11/12/2015	Staff Assignment	Assigned	Traughber, Lex	
11/17/2015	Planning Dept Review	In Progress	Traughber, Lex	
11/17/2015	Staff Assignment	Routed	Traughber, Lex	
11/23/2015	Engineering Review	Complete	Weiler, Scott	No objections to the two proposed modifications requiring planned development approval.
12/7/2015	Zoning Review	Complete	Brown, Ken	See the Documents folder.
12/8/2015	Public Utility Review	Complete	Draper, Jason	Public Utilities has no objection to the requested reduction in landscape buffer or the street frontage modification. However, there are items on the submitted plans that do not meet SLCPU standards and will require revision prior to the subdivision approval.
12/11/2015	Transporation Review	Complete	Barry, Michael	Each residence includes two (2) parking spaces in garage. Sufficient area for vehicle parking and maneuvering is provided.
12/16/2015	Community Council Review	Scheduled	Traughber, Lex	
12/16/2015	Planning Dept Review	Complete	Traughber, Lex	
12/29/2015	Fire Code Review	Complete	Itchon, Edward	
1/4/2016	Community Council Review	Complete	Traughber, Lex	
1/4/2016	Community Open House	Complete	Traughber, Lex	Went to Community Council Dec 2015
1/4/2016	Staff Review and Report	In Progress	Traughber, Lex	



Work Flow History Report 535 N arctic Ct PLNSUB2015-00928

Date	Task/Inspection	Status/Result	Action By	Comments
11/12/2015	Staff Assignment	Assigned	Traughber, Lex	
11/17/2015	Fire Code Review	Complete	Itchon, Edward	
11/17/2015	Planning Dept Review	In Progress	Traughber, Lex	
11/17/2015	Staff Assignment	Routed	Traughber, Lex	
11/23/2015	Engineering Review	Complete	Weiler, Scott	Redlines on the preliminary plat and civil improvement plans sent to Lex.
12/7/2015	Zoning Review	Complete	Brown, Ken	See the Documents folder.
12/8/2015	Public Utility Review	Complete	Draper, Jason	Public Utilities Comments: Subdivision improvement plans are incomplete as submitted. Detail sheets are missing data. Add Streetlight notes to the SLPU general notes - Contact SLCPU regarding any streetlight upgrades or requirements. The waterline in 500 North is now a 12" line. The meter to the house on Arctic Way is a 3/4" meter Identify the location of the roadway cross sections. Storm water quality treatment is required prior to discharge. Coordination with the Capital Villa storm drain line needs to be evaluated and completed. Waterlines are required to be 10' from sewer and 3' from all other utilities. Sewer lines are required to be 10' from water and 5' from all other utilities. A public main in a private street must be approved by petition. The other option is to install a detector check and a private 8" line to the fire hydrant while leaving he 2" line in place. Water mains should be PVC in this area. If a public main is approved in the private street an easement and water main extension agreement will be required. There may be reimbursement costs for the storm drain.
12/16/2015	Planning Dept Review	Complete	Traughber, Lex	
12/16/2015	Staff Review and Determination	In Progress	Traughber, Lex	
12/16/2015	Transporation Review	Complete	Traughber, Lex	



THE GROVE MARMALADE DISTRICT Parcel Line Table W 500 N Parcel Line Table SUBDIVISION AMENDED SURVEYOR'S CERTIFICATE Found Street Monument L1 49.73 NO0° 00' 06"W LOT A & LOT 4 The Grove Standard 3" Brass Cap L32 36.86 N90° 00' 00"E L62 7.77 S00° 16′ 54″E L154 6.66 N90° 00' 00"E L87 | 20.39 | NO2° 46' 02"W L112 | 6.66 | N90° 00' 00"W L132 | 13.96 | N06° 19' 13"W L8 36.86 N90° 00' 00"W _Set In Concrete with L63 21.19 S00° 16' 54"E L155 6.62 S00° 00' 00"E L113 | 25.41 | S00° 00' 00"E L133 33.03 N00° 00' 00"E L64 5.14 N90° 00' 00"W L89 16.83 N00° 00' 00"E L114 16.70 S00° 02' 33"W L135 | 13.95 | N06° 19' 34"E Ring and Lid L156 42.57 N90° 00' 00"E I Shane Johanson, certify that I am a Licensed a Professional Land L65 | 11.06 | S00° 00' 00"E Surveyor holding license no. 7075114 in accordance with Utah L90 2.00 N90° 00' 00"W L115 50.70 N89° 51' 32"E L136 50.74 N89° 55' 44"W Record Elevation=4244.82 L11 | 11.06 | S00° 00' 00"E L116 15.64 N05° 20' 23"W 500 NORTH 240 WEST L137 40.33 S00° 01' 57"W 500 North & 300 West Code Annotated Title 58, Chapter 22, described tract of land has L12 | 5.14 | N90° 00' 00"E L67 | 5.41 | S00° 00' 00"E L117 33.03 N00° 00' 00"E L138 6.66 N90° 00' 00" L97 | 16.14 | N90° 00' 00"W been completed by me in accordance with Utah Code Annotated L13 | 21.19 | S00° 16' 54"W L98 15.20 N89° 36' 27"W L68 36.86 N90° 00' 00"E L118 | 13.95 | N06° 19' 36"E Salt Lake City, Utah 17-23-17, and that I have verified all measurements as shown heron **L14** 31.34 N89° 48' 35"E L119 50.73 N90° 00' 00"W L140 | 42.57 | N90° 00' 00" SOUTHWEST CORNER further certify that this Condominium Plat complies with the L15 12.50 N00° 00' 00"E L70 | 2.00 | N90° 00' 00"E L100 | 5.14 | N90° 00' 00"W L120 | 14.86 | S00° 08' 08"W OF LOT 4, BLOCK 132, provision of section 57-8-13(1) of the Utah Condominium **QUARTER SECTION REFERENCE** DIRECTION DOES NOT MATCH DRAWING L71 | 16.83 | N00° 00' 00"E L101 | 11.06 | S00° 00' 00"E L143 | 42.57 | N90° 00' 00"W PLAT A SALT LAKE SURVEY Ownership Act, Utah Code Annotated. L72 2.00 N90° 00' 00"W L144 6.62 S00° 00' 00" L18 | 2.00 | N90° 00' 00"W L73 20.39 N02° 46' 02"E L123 6.62 S00° 00' 00"E L145 | 6.66 | N90° 00' 00"W L124 42.57 N90° 00' 00"E L79 | 36.86 | N90° 00' 00"W L146 40.22 S00° 01' 58"E L25 7.93 N07° 07' 50"E SIGNATURE: L105 10.37 N00° 00' 00"E L126 | 42.57 | N90° 00' 00"W L148 | 13.96 | N06° 19' 15"W L27 28.96 S00° 12' 22"E L149 33.03 N00° 00' 00"E L82 | 11.06 | S00° 00' 00"E L127 | 6.62 | S00° 00' 00"E L108 2.00 N90° 00' 00"W L84 | 21.19 | S00° 16' 54"W L129 | 25.41 | S00° 00' 00"E L151 20.86 N89° 55' 32"W PROJECT PROPERTY DESCRIPTION L30 2.19 S12° 38' 50"W L55 10.37 N00° 00' 00"E L85 7.77 S00° 16′ 54″W L152 17.59 S00° 08' 52"W L110 42.57 N90° 00' 00"W L130 | 14.88 | S00° 08' 08"E ICINITY MAP L31 5.41 S00° 00' 00"E L61 32.36 N90° 00' 00"W L86 32.36 N90° 00' 00"E L111 6.62 S00° 00' 00"E L131 50.73 N90° 00' 00"E L153 25.41 S00° 00' 00"E Beginning at the Southwest Corner of Lock 4 Block 132 Plat A Salt Lake City MARMALADE DISTRICT SUBDIVISION SEE PAGE 3; SALT LAKE COUNTY RECORDERS NORTH DIRECT/ON → Thence with a bearing of S 89°59'35" E a distance of 125.51 feet to the point LOT 'A' & LOT 4 OF 'MARMALDE DISTRICT SUBDIVISION' ENCROACH TO LOT 'A' Thence with a bearing of N 00°01'02" E a distance of 287.17 feet; P.O.B N0° 01' 02"E 287.15' Thence with a bearing of S 89°59'59" W a distance of 125.51 feet; Thence with a bearing of S 00°01'02" W a distance of 287.15 feet to the point S0° 00' 00"E 62.02' of beginning. containing 36041.19 square feet or 0.827 acres. DESCRIPTION DOES NOT MATCH THE DRAWING AND DOES NOT CLOSE OWNER'S DEDICATION Know all men by these presents that I, Eric Saxey of Everest Builders L.L.C, **ROTATE TEXT** the undersigned owner of the above described tract of land, having caused same to be subdivided into Lots and Common area do hereby consent to the recordation of this plat. DESCRIBE STREET, DRIVE OR COMMON AREA In witness whereof I, Eric Saxey of Everest Builders, L.L.C, hereunto set___myhand___this___day of____20___ Eric Saxey (Everest Builders, L.L.C) Existing Firehydrant ACKNOWLEDGEMENT **PRIVATE ROW** STATE OF UTAH) County of Salt Lake) S0° 00' 00"E 61.93' N0° 01' 02"E 287.17' On the ____ day of ______, 20___, Everest Builders, LLC personally appeared Arctic Court before me, who being by me duly sworn, did acknowledge that he executed (Private) the foregoing Owner's Dedication. Commission Number Southeast Corner of Lot 3, —Block 132. Plat A Salt Lake My Commission Expires: This survey was performed within the City Survey (printed name) BUILDING accordance of the minimum accuracy of A Notary Public Commissioned in Utah an urban survey, Class "A", or a linear closure of 1:15,000'. Utilities shall include the right to install, maintain and operate their equiptment above and below ground and all other related facilities within the public utility easements identified on this plat map as may ve necessary or desirable in providing utility services within and without the lots identified herein, including the CITY BUILDING OFFICIAL ------right of access to such facilities ant the right to require removal of any obstructions Vertical Datum: NAVD 1988 including structures, trees and vegetation that may be placed within the pue. The APPROVED AS TO FORM THIS utility may require the lot owner to remove all structures within the pue at the lot RTK Elevation: 4244.82 DAY OF ______ 20__. owners expense, or the utility may remove such structures at the owners expense. At no time may any permanent structures be placed within the pue or any other Benchmark located in the intersection of ovstruction which interferes with the use of the pue without the prior written approval of the utilities with facilities in the pue. 300 West South and 500 North Street. Existing street monument being a 3" brass cap. -----CITY BUILDING OFFICIAL The Grove LEGEND LOCATED IN SECTION 07 TOWNSHIP JOHANSON ENGINEERING • $(\frac{5}{8}$ REBAR & CAP) 1 SOUTH, RANGE 1 EAST, S.L.B.&.M PRIVATE OWNERSHIP Found Street Monument LOT 11 BLOCK 14 FIVE ACRE PLAT "A" BIG FIELD L.S. No. 7075114 CIVIL • PLANNING • SURVEYING SURVEY LOCATED IN SALT LAKE CITY, UTAH INCLUDE SPACE Standard 2" Brass Cap SOUTHEAST CORNER OF LOT 1, BLOCK 132, STREET MONUMENT Set In Concrete with **FOR TEXT** COMMON OWNERSHIP PLAT A SALT LAKE SURVEY Ring and Lid JOHANSON ENGINEERING sheet 1= overall buildings 500 North & 200 West PROPERTY LINE 2150 SOUTH 1300 EAST SUITE "500" and boundary SALT LAKE CITY, UTAH 84106 INCLUDE SPACE FOR TEXT EXISTING FIRE HYDRANT PHONE (801) 859-1862 1 in. = 20 FT. CITY ENGINEERING DIVISION SAILT LAKE VALLEY HEALTH CITY PLANNING DIRECTOR CITY APPROVAL CITY PUBLIC UTILITIES DEPT CITY ATTORNEY Recorded # HEREBY CERTIFY THAT I HAVE HAD THIS PLAT EXAMINED BY THIS OFFICE APPROVED AS TO FORM THIS PRESENTED TO SALT LAKE CITY THIS State of Utah, County of Salt Lake, recorded and filed at the request of APPROVED AS TO SANITARY SEWER AND SALT LAKE VALLEY HEALTH DEPT. ACCOUNT_ APPROVED THIS DAY OF AND IT IS CORRECT IN ACCORDANCE WITH INFORMATION ON FILE. WATER DETAILS THIS ____ DAY OF DAY OF 20. APPROVED THIS DAY OF ,20 ,BY THE SALT AND IT IS HEREBY APPROVED Take čity planning commission. CITY ENGINEER SHEET 1 SALT LAKE CITY MAYOR SHEET 1 OF 1 SHEETS VALLEY HEALTH DEPARTMENT DATE CITY SURVEYOR SALT LAKE CITY RECORDER PLANNING DIRECTOR DATE SALT LAKE CITY ATTORNEY Fee \$ Salt Lake County Recorder SALT LAKE CITY PUBLIC UTILITIES DIRECTOR

DESCRIPTION DOES NOT MATCH THE PLAT DESCRIPTION

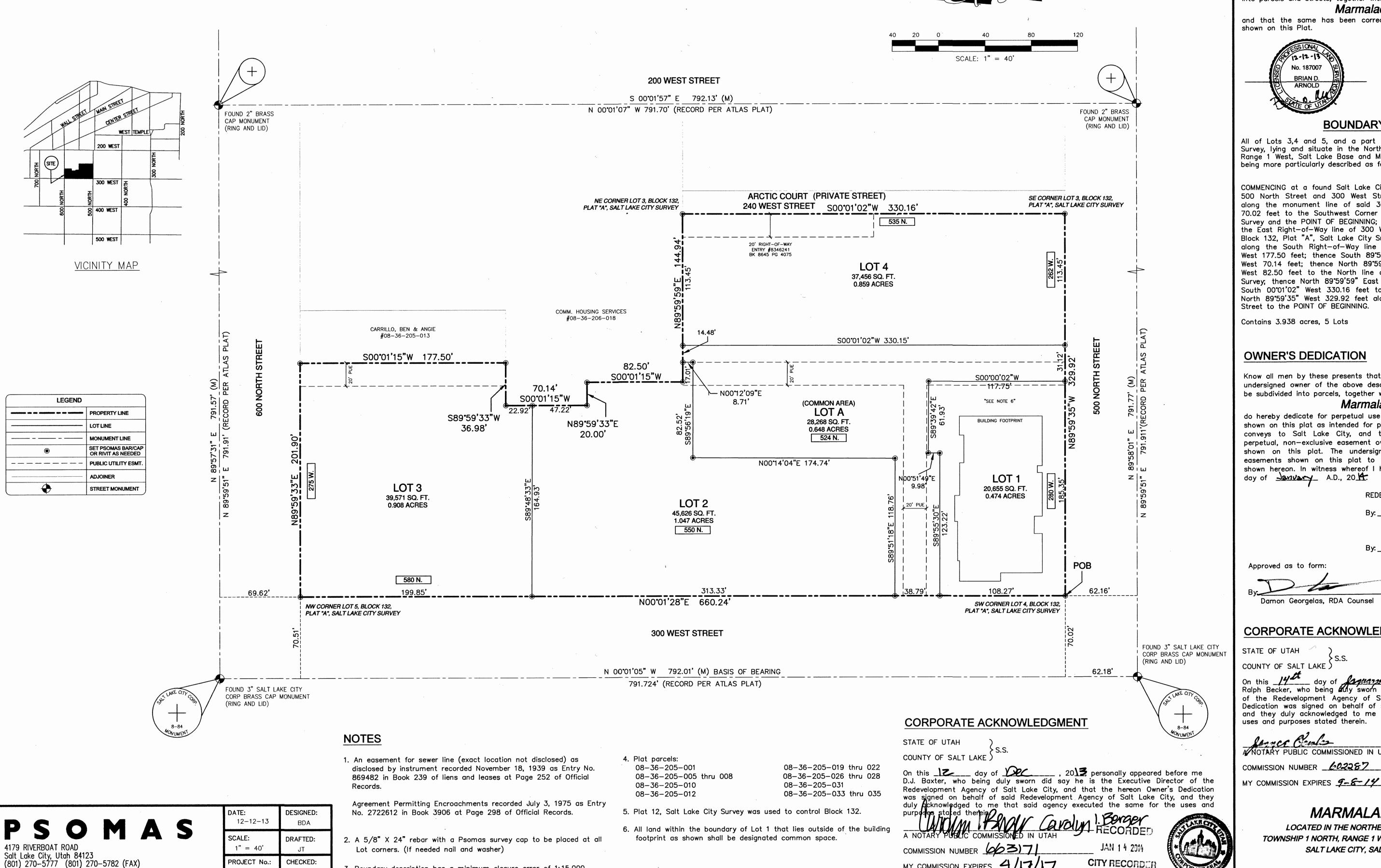
Legal Description-Lot 4 RDA Marmalade Project-The Grove

Beginning at the Southwest Corner of Lock 4 Block 132 Plat A Salt Lake City Survey; Thence with a bearing of S 89°59'35" E a distance of 125.51 feet to the point of beginning; Thence with a bearing of N 00°01'02" E a distance of 287.17 feet; Thence with a bearing of S 89°59'59" W a distance of 125.51 feet; Thence with a bearing of S 00°01'02" W a distance of 287.15 feet to the point of beginning. containing 36041.19 square feet or 0.827 acres

SEE PAGE 3; MARMALADE DISTRICT SUBDIVISION PLAT

MARMALADE DISTRICT

LOCATED IN THE NORTHEAST QUARTER OF SECTION 36, TOWNSHIP 1 NORTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN SALT LAKE CITY, SALT LAKE COUNTY, UTAH



SURVEYOR'S CERTIFICATE

I, Brian D. Arnold, do hereby certify that I am a Professional Land Surveyor, and that I hold Certificate No. 187007 as prescribed by the Laws of the State of Utah. I further certify that by Authority of the Owners I have made a Survey of the Parcel of Land shown on this Plat and have subdivided said Parcel of Land into parcels and streets, together with easements hereafter known as

Marmalade District

and that the same has been correctly surveyed and staked on the ground as



DECEMBER 12,2013

BOUNDARY DESCRIPTION

All of Lots 3,4 and 5, and a part of Lot 6, Block 132, Plat "A", Salt Lake City Survey, lying and situate in the Northeast Quarter of Section 36, Township 1 North, Range 1 West, Salt Lake Base and Meridian, Salt Lake City, Salt Lake County, Utah, being more particularly described as follows:

COMMENCING at a found Salt Lake City brass cap monument at the intersection of 500 North Street and 300 West Street; thence North 00°01'05" West 62.18 feet along the monument line of said 300 West Street; thence North 89°58'55" East 70.02 feet to the Southwest Corner of Lot 4, Block 132, Plat "A", Salt Lake City Survey and the POINT OF BEGINNING; thence North 00°01'28" East 660.24 feet along the East Right—of—Way line of 300 West Street to the Northwest Corner of Lot 5, Block 132, Plat "A", Salt Lake City Survey; thence North 89°59'33" East 201.90 feet along the South Right-of-Way line of 600 North Street; thence South 00°01'15" West 177.50 feet; thence South 89°59'33" West 36.98 feet; thence South 00°01'15" West 70.14 feet; thence North 89°59'33" East 20.00 feet; thence South 00°01'15" West 82.50 feet to the North line of Lot 3, Block 132, Plat "A", Salt Lake City Survey: thence North 89°59'59" East 144.94 feet along the said North line; thence South 00°01'02" West 330.16 feet to the Southeast Corner of said Lot 3, thence North 89°59'35" West 329.92 feet along the North Right-of-Way line of 500 North Street to the POINT OF BEGINNING.

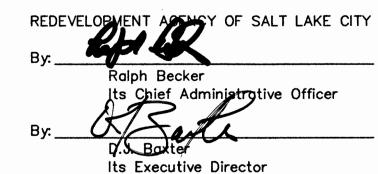
Contains 3.938 acres, 5 Lots

OWNER'S DEDICATION

Know all men by these presents that we, Redevelopment Agency of Salt Lake, the undersigned owner of the above described tract of land having caused the same be subdivided into parcels, together with easements to be hereafter known as,

Marmalade District

do hereby dedicate for perpetual use of the public all roads and other areas land shown on this plat as intended for public use. The undersigned owner also hereby conveys to Salt Lake City, and to any and all public utility companies a perpetual, non-exclusive easement over the public utility and drainage easements shown on this plat. The undersigned owner also hereby conveys any other easements shown on this plat to the parties indicated and for the purposes shown hereon. In witness whereof I have hereunto set my hand this ______ day of ______ A.D., 20_H.



Approved as to form:

Damon Georgelas, RDA Counsel

CORPORATE ACKNOWLEDGMENT

STATE OF UTAH COUNTY OF SALT LAKE

On this _145 day of farman , 2014, personally appeared before me Ralph Becker, who being duly sworn did say he is the Chief Administrative Officer of the Redevelopment Agency of Salt Lake City, and that the hereon Owner's Dedication was signed on behalf of said Redevelopment Agency of Salt Lake City, and they duly acknowledged to me that said agency executed the same for the uses and purposes stated therein.

ANOTARY PUBLIC COMMISSIONED IN UTAH COMMISSION NUMBER 602287

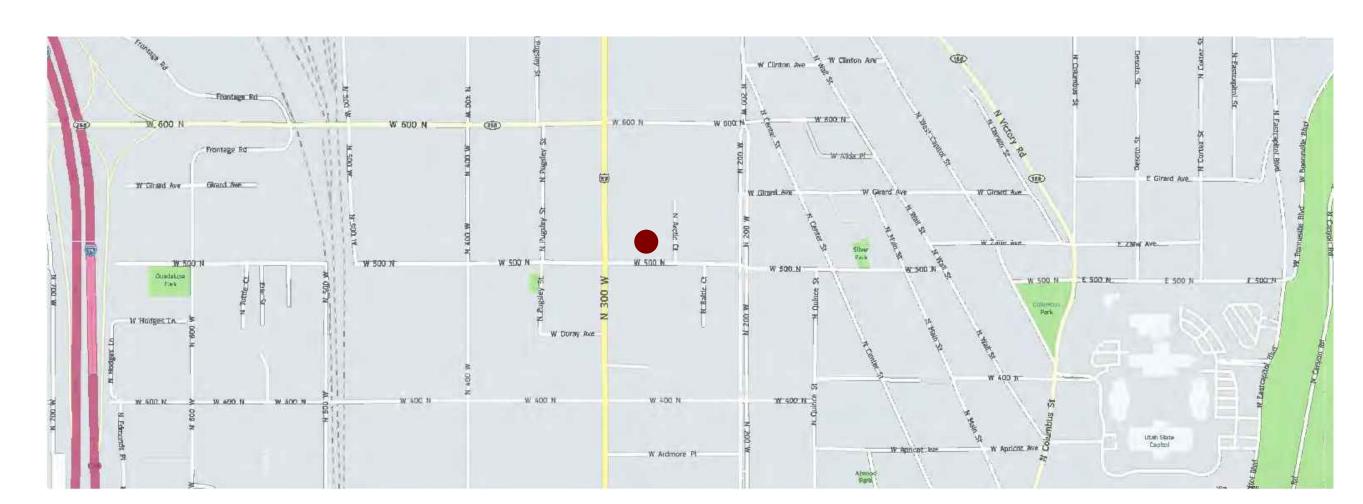


MARMALADE DISTRICT

LOCATED IN THE NORTHEAST QUARTER OF SECTION 36, TOWNSHIP 1 NORTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN SALT LAKE CITY, SALT LAKE COUNTY, UTAH

(661) 270 3777 (661) 276 3752 (1700)	8MIG010100	BDA	3. Boundary de	escription has a minimum closure error of 1:15,000		MY COMMISSION EXPIRES	ORATE SE		
HEALTH DEPARTMENT	CITY PLA	ANNING DIRE	CTOR	CITY ENGINEERING DIVISION	CITY PUBLIC UTILITIES DEPT.	CITY ATTORNEY	CITY APPROVAL	SALT LAKE COUNTY RECORDER	Ī
APPROVED THIS 16 TH DAY Dec.	APPROVED THIS <u>1</u> A.D., 2013 BY THE COMMISSION.			I HEREBY CERTIFY THAT THIS OFFICE HAS EXAMINED THIS PLAT AND IT IS CORRECT IN ACCORDANCE WITH INFORMATION ON FILE IN THIS OFFICE.	APPROVED SANITARY SEWER AND WATER DETAILS THIS DAY DAY DAY DECEMBER_ A.D., 2013.	APPROVED THIS DAY OF Jaman 2014 A.D., 2013.	WAS A PROVED AND ACCURED	RECORDED RECORDED RECORDED AND FILED AT THE REQUEST OF Redevelopment Agency	
DIRECTOR, SALT RAKE VALLEY HEALTH DEPARTMENT	PLANNING DIRECT	fun TOR	12-18-13 DATE	12-18-2013 CITY ENGINEER	SALT LAKE CITY PUBLIC UTILITIES, DIRECTOR PEPUTY	SALT LAKE CITY ATTORNEY		DATE ON 15/2014 TIME 10:41 AMBOOK 2014P PAGE 9 FEE \$ NO Fee SALT LAKE COUNTY RECORDER	_
						8-36-21 SEE PLUT NOTES #4	•	No Fee	

The Grove 240 WEST ARCTIC COURT



VICINITY MAP

DETAILS CALLOUTS

STRAW BALE BARRIER	
SILT FENCE	
124 INLET PROTECTION	

EQUIPMENT AND VEHICLE WASH DOWN AREA

126 STABILIZED ROADWAY ENTRANCE

PRECAST CATCH BASIN

AREA DRAIN

PRECAST MANHOLE

382	PIPE ZONE BACKFILL	
CP-503		

TRENCH BACKFILL

3IN WATER METER

WATER SERVICE LOOP

TYPE H GUTTER

CURB AND GUTTER CONNECTION

WATERWAY

225	OPEN DRIVEWAY	
CP-502		

SIDEWALK

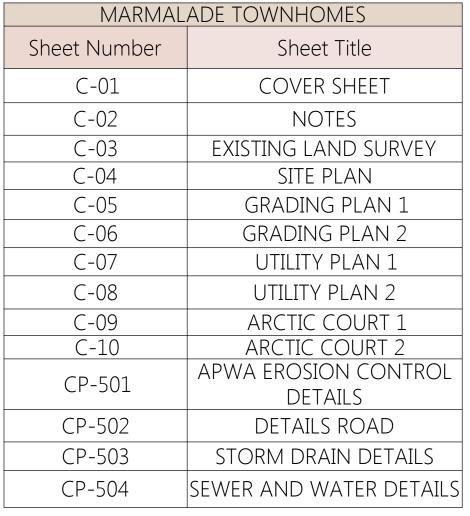
ASPHALT CONCRETE PAVEMENT

SEWER MANHOLE

SEWER LATERAL CONNECTION

30IN FRAME AND COVER

FIRE HYDRANT



INFORMATION

DEVELOPER

ERIC SAXEY/EVEREST HOMES 301 SOUTH 700 EAST SALT LAKE CITY, UTAH PH. 801-554-8424

CIVIL ENGINEER

JOHANSON ENGINEERING 909 EAST 4500 SOUTH SUITE C, SALT LAKE CITY, UTAH PH. 801-859-1862

SURVEYOR

JOHANSON ENGINEERING 909 EAST 4500 SOUTH SUITE C, SALT LAKE CITY, UTAH PH. 801-815-2541

CONTRACTOR

EVEREST BUILDERS 301 SOUTH 700 EAST SALT LAKE CITY, UTAH PH. 801-554-8424

ARCHITECT

THINK ARCHITECTURE

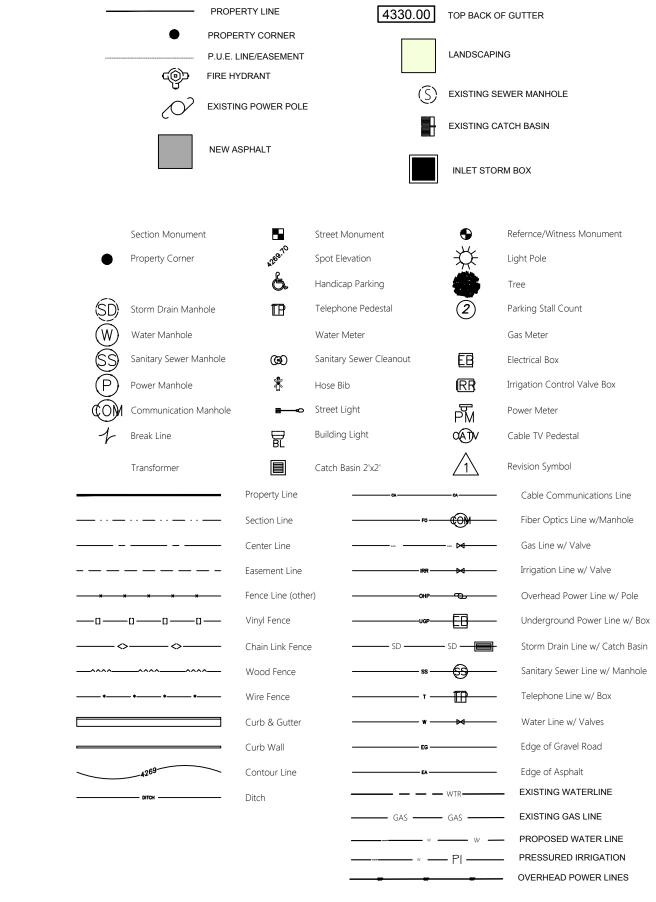
SALT LAKE CITY PUBLIC UTILITIES

1530 WEST TEMPLE SALT LAKE CITY, UTAH 84115 PH. 801-483-6900

SALT LAKE CITY ENGINEERING

349 SOUTH 200 EAST SUITE 100 SALT LAKE CITY, UTAH 84111 PHONE: 801-535-7961

LEGEND



CON Concrete
ROW Right-of-Way
POL Point on Line
PC Point of Curvature
POC Point on Curve
PT Point of Tangent

Edge of Asphalt Top of Concrete

Finish Grade Natural Grade Book

Point of Beginning Top Back of Curb Top of Concrete

Finish Grade Natural Grade Book Page

DRAWING TITLE

COVER SHEET

CLEINT

EVEREST BUILDERS

676 EAST MARKEA AVE #9 SLAT LAKE CITY, UTAH 84102 801-554-8424

COMPLETION STATUS

PRELIMINARY ONLY

PROJECT

MARMALADE TOWNHOMES 500 NORTH 240 WEST SALT LAKE CITY, UTAH

GENERAL NOTES

- 1. INSTALL IMPROVEMENTS TO SALT LAKE CITY, UTAH STANDARDS. WHEN WORKING WITHIN UDOT RIGHT OF WAY IMPROVEMENTS NEEDS TO MEET THE CURRENT UDOT, AASHTO AND MUTCD STANDARDS.
- 2. MAINTAIN A MINIMAL 10' DISTANCE BETWEEN WATER AND SEWER LINES. • 3. A MINIMAL 18" OF CLEARANCE IS REQUIRED WHERE SEWER AND WATER
- 4. A MINIMAL 12" OF CLEARANCE IS REQUIRED WHERE CROSSING EXISTING
- GAS LINE.
- 5. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES BEFORE STAKING OR
- CONSTRUCTING ANY NEW UTILITY LINES. • 5. A MINIMUM OF 4.0 FEET OF COVER REQUIRED OVER ALL WATER LINES.
- 6. CONTRACTOR RESPONSIBLE FOR OBTAINING SALT LAKE CITY STANDARDS
- APWA 2012 SPECIFICATIONS AND CONSTRUCTION STANDARDS. • 7. CONTRACTORS RESPONSIBILITY TO OBTAIN AND FOLLOW THE SOILS
- REPORT AND ITS RECOMMENDATIONS.
- 8. CONTRACTOR RESPONSIBILITY TO VERIFY CIVIL SITE PLAN AND BUILDING DIMENSIONS MATCH BUILDING PLANS BEFORE STARTING CONSTRUCTION. • 9. ALL SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH SALT LAKE
- PUBLIC UTILITIES AND CONSTRUCTION SPECIFICATIONS.
- 10. ALL CATCH BASINS AND MANHOLES TO BE INSTALLED PER SALT LAKE
- CITY STANDARDS. • 11. ALL UTILITY LINES SHALL BE TRENCHING AND BACKFILLED WITH SELECT GRANULAR FILL AS SALT LAKE CITY PUBLIC UTILITIES (SLCPU) STANDARD OF PRACTICE # 1 OR APWA 2012 STANDARDS. UTILITIES WITH IN THE UDOT RIGHT OF WAY NEEDS TO BE BACKFILLED TO UDOT STANDARDS.
- 12. ALL STORM DRAIN PIPING TO BE CUT OFF FLUSH WITH INSIDE WALL OF DRAINAGE BOX. INSIDE WALL TO BE GROUTED SMOOTH WITH A NON-SHRINK
- 13. CONTRACTOR TO REPLACE ANY AREAS AROUND CONSTRUCTION SITE THAT IS DAMAGED DURING CONSTRUCTION.
- 14. THERE SHALL BE NO CHANGES TO THESE PLANS WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER OF RECORD.
- 15. REVIEW AND INCORPORATE THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
- 16. LOCATION (HORIZONTAL AND VERTICAL) OF UNDERGROUND UTILITIES SHALL BE UNCOVERED BY THE CONTRACTOR AT THE BEGINNING OF THE
- PROJECT TO SEE IF THEY IMPACT THE DESIGN. • 17. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY ON THE SITE AT ALL TIMES AND SHALL OBTAIN THE NECESSARY PERMITS TO ACCOMPLISH THE JOB. 18. CALL BLUE STAKE BEFORE YOU DIG.
- 19. THE LOCAL AUTHORITY RULES, REGULATION AND SPECIFICATION GOVERN. IF THERE IS CONFLICT WITH THE SPECIFICATION THE MORE STRICT SPECIFICATION GOVERNS.
- 20. SUBJECT PROPERTY IS DETERMINED TO BE AN AREA OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, ACCORDING TO THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD INSURANCE RATE MAP (FIRM) FOR SALT LAKE COUNTY, UTAH (MAP # 49035C0282H, REVISED AUG. 2, 2012).

REVISIONS:		
REV #	DESCRIPTION	DATE

JOHANSON ENGINEERING

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CIVIL • PLANNING • SURVEYING 2150 SOUTH 1300 EAST SUITE 500 SALT LAKE CITY, UTAH

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E-15-15

7/20/15 DRAWN BY CAREY D. JOHANSON, P.E. CKHD BY SHANE JOHANSON, P.L.S

C-01

CAUTION NOTICE TO CONTRACTOR

- A. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND. WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION FOR UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- B. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY: THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS: THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.

Salt Lake City Public Utilities General Notes

COMPLIANCE:

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS AND THE MOST RECENT EDITIONS OF THE FOLLOWING: THE INTERNATIONAL PLUMBING CODE, UTAH DRINKING WATER REGULATIONS, APWA MANUAL OF STANDARD PLANS AND SPECIFICATIONS, AND SLC PUBLIC UTILITIES MODIFICATIONS TO APWA STANDARD PLANS AND APPROVED MATERIALS AND SLC PUBLIC UTILITIES APWA SPECIFICATIONS MODIFICATIONS. THE CONTRACTOR IS REQUIRED TO ADHERE TO ALL OF THE ABOVE-MENTIONED DOCUMENTS UNLESS OTHERWISE NOTED AND APPROVED IN WRITING BY THE SALT LAKE CITY DIRECTOR OF PUBLIC UTILITIES.

2. COORDINATION:

THE CONTRACTOR IS RESPONSIBLE TO NOTIFY ALL APPROPRIATE GOVERNMENT AND PRIVATE ENTITIES ASSOCIATED WITH THE PROJECT. THE FOLLOWING MUST BE CONTACTED 48-HOURS PRIOR TO CONSTRUCTION AS APPLICABLE TO THE PROJECT:

PUBLIC UTILITIES:

INSPECTIONS, PERMITS, CONTRACTS & AGREEMENTS - 483-6727 ENGINEERING - 483-6781 DEVELOPMENT REVIEW - 483-6733 BACKFLOW PREVENTION - 799-4045

SLC DEPARTMENTS:

PERMITS AND LICENSING (BLDG SERVICES) - 535-7645 **ENGINEERING - SUBDIVISIONS - 535-6159** ENGINEERING - PUBLIC WAY PERMITS AND ISSUES - 535-7995 TRANSPORTATION - 535-6630 PLANNING AND ZONING - 535-7757 FIRE DEPARTMENT - 799-4162

- ALL WATER USERS INVOLVED IN WATER MAIN SHUTDOWNS

- APPLICABLE SEWER, WATER AND DRAINAGE DISTRICTS
- UTAH DEPARTMENT OF TRANSPORTATION, REGION #2 975-4800
- UTAH STATE ENGINEER 538-7240
- BLUESTAKES LOCATING SERVICES 532-5000
- COUNTY PUBLIC WAY PERMITS 468-2245
- COUNTY HEALTH DEPARTMENT 313-6600
- COUNTY FIRE DEPARTMENT 743-7231
- HOLLADAY CITY 272-9450
- UNION PACIFIC RAILROAD CO., SUPERINTENDENTS OFFICE 595-3405
- THE UTAH TRANSIT AUTHORITY FOR RE-ROUTING SERVICE 262-5626
- SALT LAKE COUNTY HIGHWAY DEPARTMENT 468-3705 OR 468-2156
- ALL OTHER POTENTIALLY IMPACTED GOVERNING AGENCIES OR ENTITIES

SCHEDULE

PRIOR TO CONSTRUCTION THE CONTRACTOR WILL PROVIDE, AND WILL UPDATE AS CHANGES OCCUR, A CONSTRUCTION SCHEDULE IN ACCORDANCE WITH THE SPECIFICATIONS AND SALT LAKE CITY ENGINEERING OR SALT LAKE COUNTY REGULATIONS AS APPLICABLE FOR WORKING WITHIN THE PUBLIC WAY.

4. PERMITS, FEES AND AGREEMENTS

CONTRACTOR MUST OBTAIN ALL THE NECESSARY PERMITS AND AGREEMENTS AND PAY ALL APPLICABLE FEES PRIOR TO ANY CONSTRUCTION ACTIVITIES. CONTACT SALT LAKE CITY ENGINEERING (535-7995) FOR PERMITS AND INSPECTIONS REQUIRED FOR ANY WORK CONDUCTED WITHIN SALT LAKE CITY'S PUBLIC RIGHT-OF-WAY. APPLICABLE UTILITY PERMITS MAY INCLUDE MAINLINE EXTENSION AGREEMENTS AND SERVICE CONNECTION PERMITS. ALL UTILITY WORK MUST BE BONDED. ALL CONTRACTORS MUST BE LICENSED TO WORK ON CITY UTILITY MAINS.

CONSTRUCTION SITES MUST BE IN COMPLIANCE WITH THE UTAH POLLUTION DISCHARGE ELIMINATION SYSTEM (UPDES) STORM WATER PERMIT FOR CONSTRUCTION ACTIVITIES (538-6923). A COPY OF THE PERMIT'S STORM WATER POLLUTION PREVENTION PLAN MUST BE SUBMITTED TO PUBLIC UTILITIES FOR REVIEW AND APPROVAL. ADDITIONAL WATER QUALITY AND EROSION CONTROL MEASURES MAY BE REQUIRED. THE CONTRACTOR MUST ALSO COMPLY WITH SALT LAKE CITY'S CLEAN WHEEL ORDINANCE.

5. ASPHALT AND SOIL TESTING

THE CONTRACTOR IS TO PROVIDE MARSHALL AND PROCTOR TEST DATA 24-HOURS PRIOR TO USE. CONTRACTOR IS TO PROVIDE COMPACTION AND DENSITY TESTING AS REQUIRED BY SALT LAKE CITY ENGINEERING, UDOT, SALT LAKE COUNTY OR OTHER GOVERNING ENTITY. TRENCH BACKFILL MATERIAL AND COMPACTION TESTS ARE TO BE TAKEN PER APWA STANDARD SPECIFICATIONS, SECTION 02320 -BACKFILLING TRENCHES, OR AS REQUIRED BY THE SLC PROJECT ENGINEER IF NATIVE MATERIALS ARE USED. **NO NATIVE MATERIALS ARE ALLOWED WITHIN THE PIPE ZONE.** THE MAXIMUM LIFTS FOR BACKFILLING EXCAVATIONS IS 8-INCHES. ALL MATERIALS AND COMPACTION TESTING IS TO BE PERFORMED BY A LAB RECOGNIZED AND ACCEPTED BY SALT LAKE COUNTY PUBLIC WORKS AND/OR SALT LAKE CITY ENGINEERING.

TRAFFIC CONTROL AND HAUL ROUTES

TRAFFIC CONTROL MUST CONFORM TO THE MOST CURRENT EDITION OF SALT LAKE CITY TRAFFIC CONTROL MANUAL - PART 6 OF "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" FOR SALT LAKE COUNTY AND STATE ROADS. SLC TRANSPORTATION MUST APPROVE ALL PROJECT HAUL ROUTES (535-7129). THE CONTRACTOR MUST ALSO CONFORM TO UDOT, SALT LAKE COUNTY OR OTHER APPLICABLE GOVERNING ENTITIES REQUIREMENTS FOR TRAFFIC CONTROL.

SURVEY CONTROL

CONTRACTOR MUST PROVDE A REGISTERED LAND SURVEYOR OR PERSONS UNDER SUPERVISION OF A REGISTERED LAND SURVEYOR TO SET STAKES FOR ALIGNMENT AND GRADE OF EACH MAIN AND/OR FACILITY AS APPROVED. THE STAKES SHALL BE MARKED WITH THE HORIZONTAL LOCATION (STATION) AND VERTICAL LOCATION (GRADE) WITH CUTS AND/OR FILLS TO THE GRADE OF THE MAIN AND/OR FACILITY AS APPROVED. IN ADDITION, THE CONTRACTOR AND/OR SURVEYOR SHALL PROVIDE TO SALT LAKE CITY PUBLIC UTILITIES CUT SHEETS FILLED OUT COMPLETELY AND CLEARLY SHOWING THE PERTINENT GRADES, ELEVATIONS AND CUT/FILLS ASSOCIATED WITH THE FIELD STAKING OF THE MAIN AND/OR FACILITY. THE CUT SHEET FORM IS AVAILABLE AT THE CONTRACTS AND AGREEMENTS OFFICE AT PUBLIC UTILITIES. ALL MAINS AND LATERALS NOT MEETING MINIMUM GRADE REQUIREMENTS AS SPECIFIED BY ORDINANCE OR AS REQUIRED TO MEET THE MINIMUM REQUIRED FLOWS OR AS APPROVED MUST BE REMOVED AND RECONSTRUCTED TO MEET DESIGN GRADE. THE CONTRACTOR SHALL PROTECT ALL STAKES AND MARKERS UNTIL PUBLIC UTILITY SURVEYORS COMPLETE FINAL MEASUREMENTS. THE CONTRACTOR WILL BE RESPONSIBLE FOR FURNISHING, MAINTAINING, OR RESTORING ALL MONUMENTS AND REFERENCE MARKS WITHIN THE PROJECT SITE. CONTACT THE COUNTY SURVEYOR (468-2028) FOR MONUMENT LOCATIONS AND CONSTRUCTION REQUIREMENTS. ALL ELEVATIONS SHALL BE REFERENCED TO SALT LAKE CITY DATUM UNLESS NOTED OTHERWISE ON THE PLANS

ASPHALT GUARANTEE

THE CONTRACTOR SHALL REMOVE, DISPOSE OF, FURNISH AND PLACE PERMANENT ASPHALT PER SALT LAKE CITY ENGINEERING, UDOT, COUNTY, OR OTHER GOVERNMENT STANDARDS AS APPLICABLE TO THE PROJECT. THE CONTRACTOR SHALL GUARANTEE THE ASPHALT RESTORATION FOR A PERIOD AS REQUIRED BY THE GOVERNING ENTITY.

9. TEMPORARY ASPHALT

IF THE CONTRACTOR CHOOSES TO WORK WITHIN THE PUBLIC WAY WHEN HOT MIX ASPHALT IS NOT AVAILABLE, THE CONTRACTOR MUST OBTAIN APPROVAL FROM THE APPROPRIATE GOVERNING ENTITY PRIOR TO INSTALLING TEMPORARY ASPHALT SURFACING MATERIAL. WITHIN SALT LAKE CITY, WHEN PERMANENT ASPHALT BECOMES AVAILABLE, THE CONTRACTOR SHALL REMOVE THE TEMPORARY ASPHALT. FURNISH AND INSTALL THE PERMANENT ASPHALT. THE CONTRACTOR SHALL GUARANTEE THE ASPHALT RESTORATION FOR A PERIOD AS REQUIRED BY THE GOVERNING ENTITY FROM THE DATE OF COMPLETION.

THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF SAFETY OF THE PROJECT AND SHALL MEET ALL OSHA, STATE, COUNTY AND OTHER GOVERNING ENTITY REQUIREMENTS.

THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFORMING TO LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS AND TRENCHES, AND FOR THE PROTECTION OF WORKERS.

11. DUST CONTROL

THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL ACCORDING TO THE GOVERNING ENTITY STANDARDS. USE OF HYDRANT WATER OR PUMPING FROM CITY-OWNED CANALS OR STORM DRAINAGE FACILITIES IS NOT ALLOWED FOR DUST CONTROL ACTIVITIES WITHOUT WRITTEN APPROVAL OF THE PUBLIC UTILITIES DIRECTOR.

ALL ON-SITE DEWATERING ACTIVITIES MUST BE APPROVED IN WRITING BY PUBLIC UTILITIES. PROPOSED OUTFALL LOCATIONS AND ESTIMATED FLOW VOLUME CALCULATIONS MUST BE SUBMITTED TO PUBLIC UTILITIES FOR REVIEW AND APPROVAL. ADEQUATE MEASURES MUST BE TAKEN TO REMOVE ALL SEDIMENT PRIOR TO DISCHARGE. PUBLIC UTILITIES MAY REQUIRE ADDITIONAL MEASURES FOR SEDIMENT CONTROL AND REMOVAL.

13. PROJECT LIMITS

THE CONTRACTOR IS REQUIRED TO KEEP ALL CONSTRUCTION ACTIVITIES WITHIN THE APPROVED PROJECT LIMITS. THIS INCLUDES, BUT IS NOT LIMITED TO, VEHICLE AND EQUIPMENT STAGING, MATERIAL STORAGE AND LIMITS OF TRENCH EXCAVATION. IT IS THE CONTRACTORS RESPONSIBILITY TO OBTAIN PERMISSION AND/OR EASEMENTS FROM THE APPROPRIATE GOVERNING ENTITY AND/OR INDIVIDUAL PROPERTY OWNER(S) FOR WORK OR STAGING OUTSIDE OF THE PROJECT LIMITS.

14. WATER, FIRE, SANITARY SEWER AND STORM DRAINAGE UTILITIES

IT IS THE CONTRACTOR'S RESPONSIBILITY TO SCHEDULE ANY WATER, SEWER, BACKFLOW AND DRAINAGE INSPECTION 48-HOURS IN ADVANCE TO WHEN NEEDED. CONTACT 483-6727 TO SCHEDULE INSPECTIONS.

B. DAMAGE TO EXISTING UTILITIES -

THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE, CAUSED BY ANY CONDITION INCLUDING SETTLEMENT, TO EXISTING UTILITIES FROM WORK PERFORMED AT OR NEAR EXISTING UTILITIES. THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT ALL EXISTING PUBLIC AND PRIVATE ROADWAY AND UTILITY FACILITIES. DAMAGE TO EXISTING FACILITIES CAUSED BY THE CONTRACTOR, MUST BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE. TO THE SATISFACTION OF THE OWNER OF SAID

C. UTILITY LOCATIONS -

CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING AND AVOIDING ALL UTILITIES AND SERVICE LATERALS, AND FOR REPAIRING ALL DAMAGE THAT OCCURS TO THE UTILTIES DUE TO THE CONTRACTOR'S ACTIVITIES. CONTRACTOR IS TO VERIFY LOCATION, DEPTH, SIZE, MATERIAL AND OUTSIDE DIAMETERS OF UTILITIES IN THE FIELD BY POTHOLING A MINIMUM OF 300-FEET AHEAD OF SCHEDULED CONSTRUCTION IN ORDER TO IDENTIFY POTENTIAL CONFLICTS AND PROBLEMS WITH FUTURE CONSTRUCTION ACTIVITIES. EXISTING UTILITY INFORMATION OBTAINED FROM SLC PUBLIC UTILITIES' MAPS MUST BE ASSUMED AS APPROXIMATE AND REQUIRING FIELD VERIFICATION. CONTACT BLUE STAKES OR APPROPRIATE OWNER FOR COMMUNICATION LINE LOCATIONS.

D. UTILITY RELOCATIONS -

FOR UTILITY CONFLICTS REQUIRING MAINLINE RELOCATIONS, THE CONTRACTOR MUST NOTIFY THE APPLICABLE UTILITY COMPANY OR USER A MINIMUM OF 2-WEEKS IN ADVANCE. A ONE-WEEK MINIMUM NOTIFICATION IS REQUIRED FOR CONFLICTS REQUIRING THE RELOCATION OF SERVICE LATERALS. ALL RELOCATIONS ARE SUBJECT TO APPROVAL FROM THE APPLICABLE UTILITY COMPANY AND/OR USER.

E. FIELD CHANGES -

NO ROADWAY, UTILITY ALIGNMENT OR GRADE CHANGES ARE ALLOWED FROM THE APPROVED CONSTRUCTION PLANS/DOCUMENTS WITHOUT WRITTEN APPROVAL FROM THE SLC PUBLIC UTILITIES DIRECTOR. CHANGES TO HYDRANT LOCATIONS AND/OR FIRE LINES MUST BE REVIEWED AND APPROVED BY THE SALT LAKE CITY OR SALT LAKE COUNTY FIRE DEPARTMENT (AS APPLICABLE TO THE PROJECT) AND PUBLIC UTILITIES.

F. PUBLIC NOTICE TO PROJECTS IN THE PUBLIC WAY-

FOR APPROVED PROJECTS THE CONTRACTOR IS RESPONSIBLE TO PROVIDE AND DISTRIBUTE WRITTEN NOTICE TO ALL RESIDENTS LOCATED WITHIN THE PROJECT AREA AT LEAST 72-HOURS PRIOR TO CONSTRUCTION. WORK TO BE CONDUCTED WITHIN COMMERCIAL OR INDUSTRIAL AREAS MAY REQUIRE A LONGER NOTIFICATION PERIOD AND ADDITIONAL CONTRACTOR COORDINATION WITH PROPERTY OWNERS. THE WRITTEN NOTICE IS TO BE APPROVED BY THE SLC PUBLIC UTILITIES PROJECT ENGINEER.

G. PUBLIC NOTICE FOR WATER MAIN SHUT DOWNS -

THROUGH THE SLC PUBLIC UTILITIES INSPECTOR AND WITH THE PUBLIC UTILITIES PROJECT ENGINEER APPROVAL, SLC PUBLIC UTILITIES MUST BE CONTACTED AND APPROVE ALL WATER MAIN SHUTDOWNS. ONCE APPROVED THE CONTRACTOR MUST NOTIFY ALL EFFECTED USERS BY WRITTEN NOTICE A MINIMUM OF 48-HOURS (RESIDENTIAL) AND 72-HOURS (COMMERCIAL/INDUSTRIAL) PRIOR TO THE WATER MAIN SHUT DOWN. PUBLIC UTILITIES MAY REQUIRE LONGER NOTICE PERIODS.

H. WATER AND SEWER SEPARATION -

IN ACCORDANCE WITH UTAH'S DEPARTMENT OF HEALTH REGULATIONS, A MINIMUM TEN-FOOT HORIZONTAL AND 1.5-FOOT VERTICAL (WITH WATER ON TOP) SEPARATION IS REQUIRED. IF THESE CONDITIONS CANNOT BE MET, STATE AND SLC PUBLIC UTILITIES APPROVAL IS REQUIRED. ADDITIONAL CONSTRUCTION MEASURES WILL BE REQUIRED FOR THESE CONDITIONS.

I. SALVAGE -

ALL METERS MUST BE RETURNED TO PUBLIC UTILITIES, AND AT PUBLIC UTILITIES REQUEST ALL SALVAGED PIPE AND/OR FITTINGS MUST BE RETURNED TO SLC PUBLIC UTILTIES (483-6727) LOCATED AT 1530 SOUTH WEST TEMPLE.

J. SEWER MAIN AND LATERAL CONSTRUCTION REQUIREMENTS -

SLC PUBLIC UTILITIES MUST APPROVE ALL SEWER CONNECTIONS. ALL SEWER LATERALS 6-INCHES AND SMALLER MUST WYE INTO THE MAINS PER SLC PUBLIC UTILITIES REQUIREMENTS. ALL 8-INCH AND LARGER SEWER CONNECTIONS MUST BE PETITIONED FOR AT PUBLIC UTILTIES (483-6762) AND CONNECTED AT A MANHOLE. INSIDE DROPS IN MANHOLES ARE NOT ALLOWED. A MINIMUM 4-FOOT BURY DEPTH IS REQUIRED ON ALL SEWER MAINS AND LATERALS. CONTRACTOR SHALL INSTALL INVERT COVERS IN ALL SEWER MANHOLES WITHIN THE PROJECT AREA.

CONTRACTOR TO PROVIDE AIR PRESSURE TESTING OF SEWER MAINS IN ACCORDANCE WITH PIPE MANUFACTURERS RECOMMENDATIONS AND SALT LAKE CITY PUBLIC UTILITIES REQUIREMENTS. ALL PVC SEWER MAIN AND LATERAL TESTING SHALL BE IN ACCORDANCE WITH UNI-BELL UN-B-6-98 RECOMMENDED PRACTICE FOR LOW PRESSURE AIR TESTING OF INSTALLED SEWER PIPE. CONTRACTOR SHALL PROVIDE SEWER LATERAL WATER TESTING AS REQUIRED BY THE SALT LAKE CITY PUBLIC UTILITIES PROJECT ENGINEER OR INSPECTOR. A MINIMUM OF 9-FEET OF HEAD PRESSURE IS REQUIRED AS MEASURED VERTICALLY FROM THE HIGH POINT OF THE PIPELINE AND AT OTHER LOCATIONS ALONG THE PIPELINE AS DETERMINED BY THE SLC PUBLIC UTILITIES PROJECT ENGINEER OR INSPECTOR. TESTING TIME WILL BE NO LESS THAN AS SPECIFIED FOR THE AIR TEST DURATION IN TABLE I ON PAGE 12 OF UNI-B-6-98. ALL PIPES SUBJECT TO WATER TESTING SHALL BE FULLY VISIBLE TO THE INSPECTOR DURING TESTING. TESTING MUST BE PERFORMED IN THE PRESENCE OF A SLC PUBLIC UTILITIES REPRESENTATIVE. ALL VISIBLE LEAKAGE MUST BE REPAIRED TO THE SATISFACTION OF THE SLC PUBLIC UTILITIES ENGINEER OR INSPECTOR.

K. WATER AND FIRE MAIN AND SERVICE CONSTRUCTION REQUIREMENTS -

SLC PUBLIC UTILITIES MUST APPROVE ALL FIRE AND WATER SERVICE CONNECTIONS. A MINIMUM 3-FOOT SEPARATION IS REQUIRED BETWEEN ALL WATER AND FIRE SERVICE TAPS INTO THE MAIN. ALL CONNECTIONS MUST BE MADE MEETING SLC PUBLIC UTILITIES REQUIREMENTS. A 5-FOOT MINIMUM BURY DEPTH (FINAL GRADE TO TOP OF PIPE) IS REQUIRED ON ALL WATER/FIRE LINES UNLESS OTHERWISE APPROVED BY PUBLIC UTILITIES. WATER LINE THRUST BLOCK AND RESTRAINTS ARE AS PER SLC APPROVED DETAIL DRAWINGS AND SPECIFICATIONS. ALL EXPOSED NUTS AND BOLTS WILL BE COATED WITH CHEVRON FM1 GREASE PLUS MINIMUM 8 MIL THICKNESS PLASTIC. PROVIDE STAINLESS STEEL NUTS, BOLTS AND WASHERS FOR HIGH GROUNDWATER/ SATURATED CONDITIONS AT FLANGE FITTINGS. ETC.

ALL WATERLINES INSTALLATIONS AND TESTING TO BE IN ACCORDANCE WITH AWWA SECTIONS C600, C601, C651, C206, C200, C900, C303 AWWA MANUAL M11 AND ALL OTHER APPLICABLE AWWA, UPWS, ASTM AND ANSI SPECIFICATIONS RELEVANT TO THE INSTALLATION AND COMPLETION OF THE PROJECT. AMENDMENT TO SECTION C600 SECTION 4.1.1; DOCUMENT TO READ MINIMUM TEST PRESSURE SHALL NOT BE LESS THAN 200 P.S.I. GAUGED TO A HIGH POINT OF THE PIPELINE BEING TESTED. ALL MATERIALS USED FOR WATERWORKS PROJECTS TO BE RATED FOR 150 P.S.I. MINIMUM OPERATING PRESSURE.

CONTRACTOR IS TO INSTALL WATER SERVICE LINES, METER YOKES AND/OR ASSEMBLIES AND METER BOXS WITH LIDS LOCATED AS APPROVED ON THE PLANS PER APPLICABLE PUBLIC UTILITIES DETAIL DRAWINGS. METER BOXES ARE TO BE PLACED IN THE PARK STRIPS PERPENDICULAR TO THE WATERMAIN SERVICE TAP CONNECTION. ALL WATER METERS, CATCH BASINS, CLEANOUT BOXES, MANHOLES, DOUBLE CHECK VALVE DETECTOR ASSEMBLIES, REDUCED PRESSURE DETECTOR ASSEMBLIES AND BACKFLOW PREVENTION DEVICES MUST BE LOCATED OUTSIDE OF ALL APPROACHES, DRIVEWAYS, PEDESTRIAN WALKWAYS AND OTHER TRAVELED WAYS UNLESS OTHERWISE APPROVED ON PLANS.

BACKFLOW PREVENTORS ARE REQUIRED ON ALL IRRIGATION AND FIRE SPRINKLING TAPS PER PUBLIC UTILITIES AND SLC FIRE DEPARTMENT REQUIREMENTS. CONTRACTORS SHALL INSTALL BACKFLOW PREVENTION DEVICES ON FIRE SPRINKLER CONNECTIONS. DOUBLE CHECK VALVE ASSEMBLIES SHALL BE INSTALLED ON CLASS 1, 2 AND 3 SYSTEMS. REDUCED PRESSURE PRINCIPLE VALVES SHALL BE INSTALLED ON CLASS 4 SYSTEMS. ALL FIRE SPRINKLING BACKFLOW ASSEMBLIES SHALL CONFORM TO ASSE STANDARD 1048, 1013, 1047 AND 1015. THE CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM BACKFLOW PREVENTION TESTS PER SALT LAKE CITY STANDARDS AND SUBMIT RESULTS TO PUBLIC UTILITIES. ALL TESTS MUST BE PERFORMED AND SUBMITTED TO PUBLIC UTILITIES WITHIN 10 DAYS OF INSTALLATION OR WATER TURN-ON. BACKFLOW TEST FORMS ARE AVAILABLE AT PUBLIC UTILITIES' CONTRACTS AND AGREEMENTS OFFICE.

L. GENERAL WATER, SEWER AND STORM DRAIN REQUIREMENTS -

ALL WATER, FIRE AND SEWER SERVICES STUBBED TO A PROPERTY MUST BE USED OR WATER AND FIRE SERVICES MUST BE KILLED AT THE MAIN AND SEWER LATERALS CAPPED AT PROPERTY LINE PER PUBLIC UTILITIES REQUIREMENTS. ALLOWABLE SERVICES TO BE KEPT WILL BE AS DETERMINED BY THE PUBLIC UTILITIES PROJECT ENGINEER. ALL WATER AND FIRE SERVICE KILLS AND SEWER LATERAL CAPS ARE TO BE KILLED AND CAPPED AS DETERMINED AND VISUALLY VERIFIED BY THE ON-SITE PUBLIC UTILITIES INSPECTOR.

ALL MANHOLES, HYDRANTS, VALVES, CLEAN-OUT BOXES, CATCH BASINS, METERS, ETC. MUST BE RAISED OR LOWERED TO FINAL GRADE PER PUBLIC UTILITIES STANDARDS AND INSPECTOR REQUIREMENTS. CONCRETE COLLARS MUST BE CONSTRUCTED ON ALL MANHOLES, CLEANOUT BOXES, CATCH BASINS AND VALVES PER PUBLIC UTILITIES STANDARDS. ALL MANHOLE, CATCH BASIN, OR CLEANOUT BOX CONNECTIONS MUST BE MADE WITH THE PIPE CUT FLUSH WITH THE INSIDE OF THE BOX AND GROUTED OR SEALED AS REQUIRED BY THE PUBLIC UTILITIES INSPECTOR. ALL MANHOLE, CLEANOUT BOX OR CATCH BASIN DISCONNECTIONS MUST BE REPAIRED AND GROUTED AS REQUIRED BY THE ON-SITE PUBLIC UTILITIES INSPECTOR.

CONTRACTOR SHALL NOT ALLOW ANY GROUNDWATER OR DEBRIS TO ENTER THE NEW OR EXISTING PIPE DURING CONSTRUCTION. UTILITY TRENCHING, BACKFILL, AND PIPE ZONE AS PER SLC PUBLIC UTILITIES, "UTILITY INSTALLATION DETAIL."

DRAWING TITLE

MARMALADE SITE PLAN

CLEINT

EVEREST BUILDERS

676 EAST MARKEA AVE #9 SLAT LAKE CITY, UTAH 84102 801-554-8424

COMPLETION STATUS

PRELIMINARY ONLY

MARMALADE TOWNHOMES 500 NORTH 240 WEST

SALT LAKE CITY, UTAH

GENERAL NOTES

- 1. INSTALL IMPROVEMENTS TO SALT LAKE CITY, UTAH STANDARDS. WHEN WORKING WITHIN UDOT RIGHT OF WAY IMPROVEMENTS NEEDS TO MEET THE CURRENT UDOT, AASHTO AND MUTCD STANDARDS.
- 2. MAINTAIN A MINIMAL 10' DISTANCE BETWEEN WATER AND SEWER LINES. 3. A MINIMAL 18" OF CLEARANCE IS REQUIRED WHERE SEWER AND WATER
- 4. A MINIMAL 12" OF CLEARANCE IS REQUIRED WHERE CROSSING EXISTING
- 5. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS
- OF EXISTING MANHOLES AND OTHER UTILITIES BEFORE STAKING OR CONSTRUCTING ANY NEW UTILITY LINES.
- 5. A MINIMUM OF 4.5 FEET OF COVER REQUIRED OVER ALL WATER LINES. 6. CONTRACTOR RESPONSIBLE FOR OBTAINING SALT LAKE CITY STANDARDS AND APWA 2007 SPECIFICATIONS AND CONSTRUCTION STANDARDS.
- 7. CONTRACTORS RESPONSIBILITY TO OBTAIN AND FOLLOW THE SOILS 8. CONTRACTOR RESPONSIBILITY TO VERIFY CIVIL SITE PLAN AND BUILDING
- DIMENSIONS MATCH BUILDING PLANS BEFORE STARTING CONSTRUCTION.
- 9. ALL SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH SALT LAKE
- PUBLIC UTILITIES AND CONSTRUCTION SPECIFICATIONS. 10. ALL CATCH BASINS AND MANHOLES TO BE INSTALLED PER SALT LAKE
- 11. ALL UTILITY LINES SHALL BE TRENCHING AND BACKFILLED WITH SELECT GRANULAR FILL AS SALT LAKE CITY PUBLIC UTILITIES (SLCPU) STANDARD
- OF PRACTICE # 1 OR APWA 2007 STANDARDS. UTILITIES WITH IN THE JDOT RIGHT OF WAY NEEDS TO BE BACKEILLED TO LIDOT STANDARDS 12. ALL STORM DRAIN PIPING TO BE CUT OFF FLUSH WITH INSIDE WALL OF
- NON-SHRINK GROUT 13. CONTRACTOR TO REPLACE ANY AREAS AROUND CONSTRUCTION SITE

DRAINAGE BOX. INSIDE WALL TO BE GROUTED SMOOTH WITH A

- THAT IS DAMAGED DURING CONSTRUCTION. 14. THERE SHALL BE NO CHANGES TO THESE PLANS WITHOUT THE WRITTEN
- APPROVAL OF THE ENGINEER OF RECORD. 15. REVIEW AND INCORPORATE THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
- 16. LOCATION (HORIZONTAL AND VERTICAL) OF UNDERGROUND UTILITIES SHALL BE UNCOVERED BY THE CONTRACTOR AT THE BEGINNING OF THE PROJECT TO SEE IF THEY IMPACT THE DESIGN.
- 17. THE CONTRACTOR IS RESPONSIBLE FOR SAFETY ON THE SITE AT ALL TIMES AND SHALL OBTAIN THE NECESSARY PERMITS TO ACCOMPLISH THE JOB. 18. CALL BLUE STAKE BEFORE YOU DIG. 19. THE LOCAL AUTHORITY RULES, REGULATION AND SPECIFICATION
- GOVERN. IF THERE IS CONFLICT WITH THE SPECIFICATION THE MORE STRICT SPECIFICATION GOVERNS. 20. SUBJECT PROPERTY IS DETERMINED TO BE AN AREA OUTSIDE THE 0.2%
- ANNUAL CHANCE FLOODPLAIN, ACCORDING TO THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD INSURANCE RATE MAP (FIRM) FOR SALT LAKE COUNTY, UTAH (MAP # 49035C0282H, REVISED AUG. 2, 2012).

REVISIONS:

DATE DESCRIPTION

JOHANSON ENGINEERING

CIVIL • PLANNING • SURVEYING

2150 SOUTH 1300 EAST SUITE 500 SALT LAKE CITY, UTAH PHONE (801) 801-990-2775

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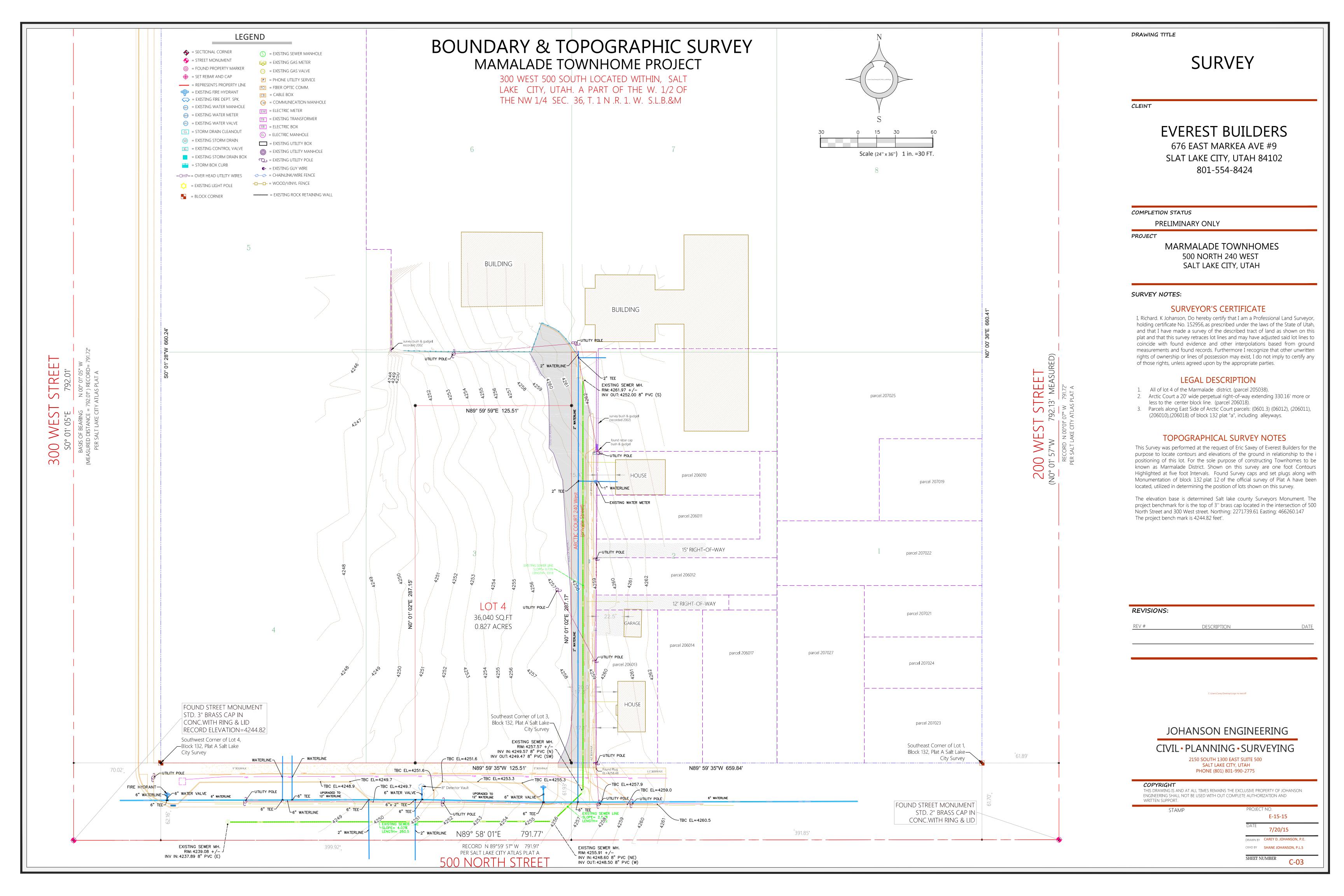
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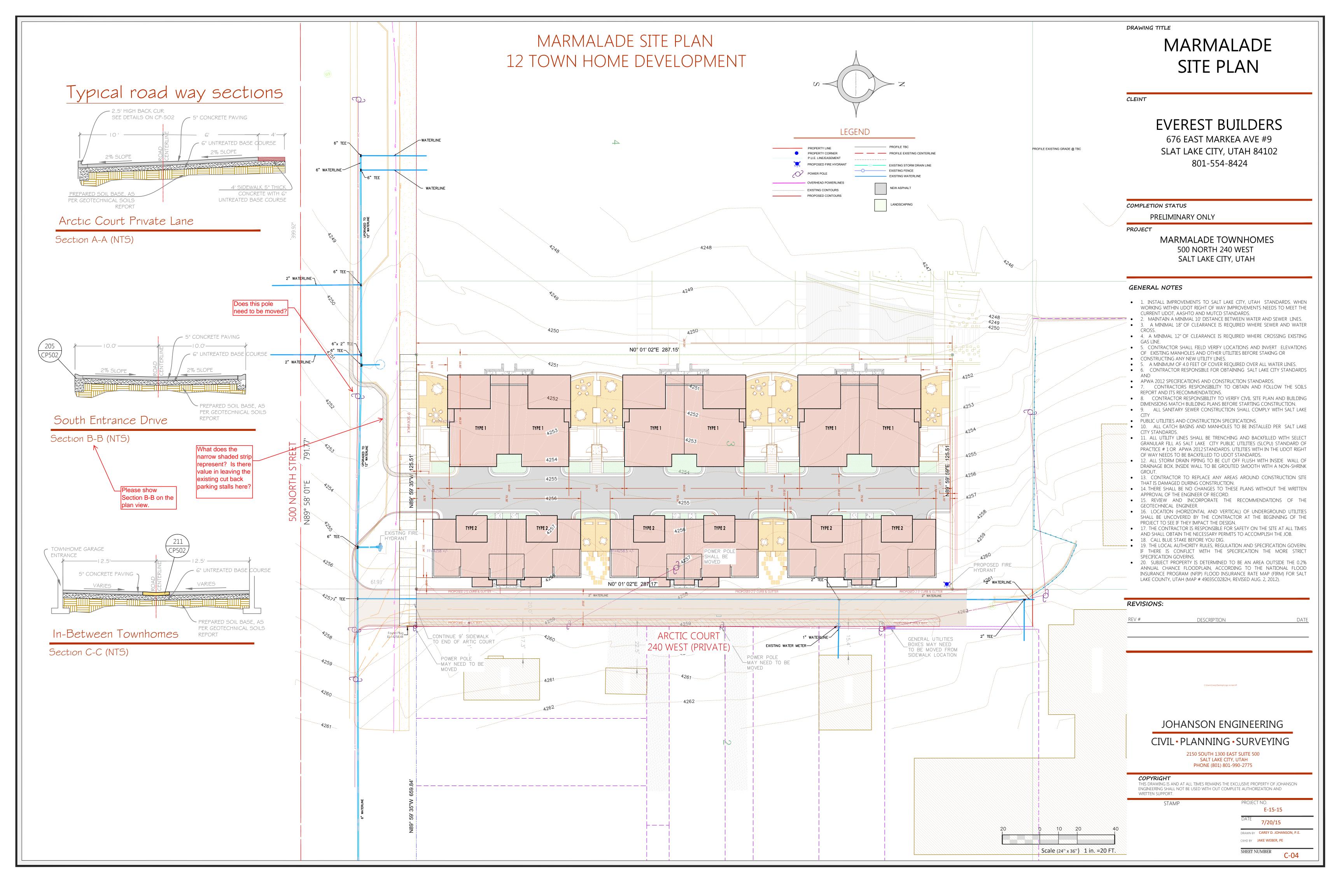
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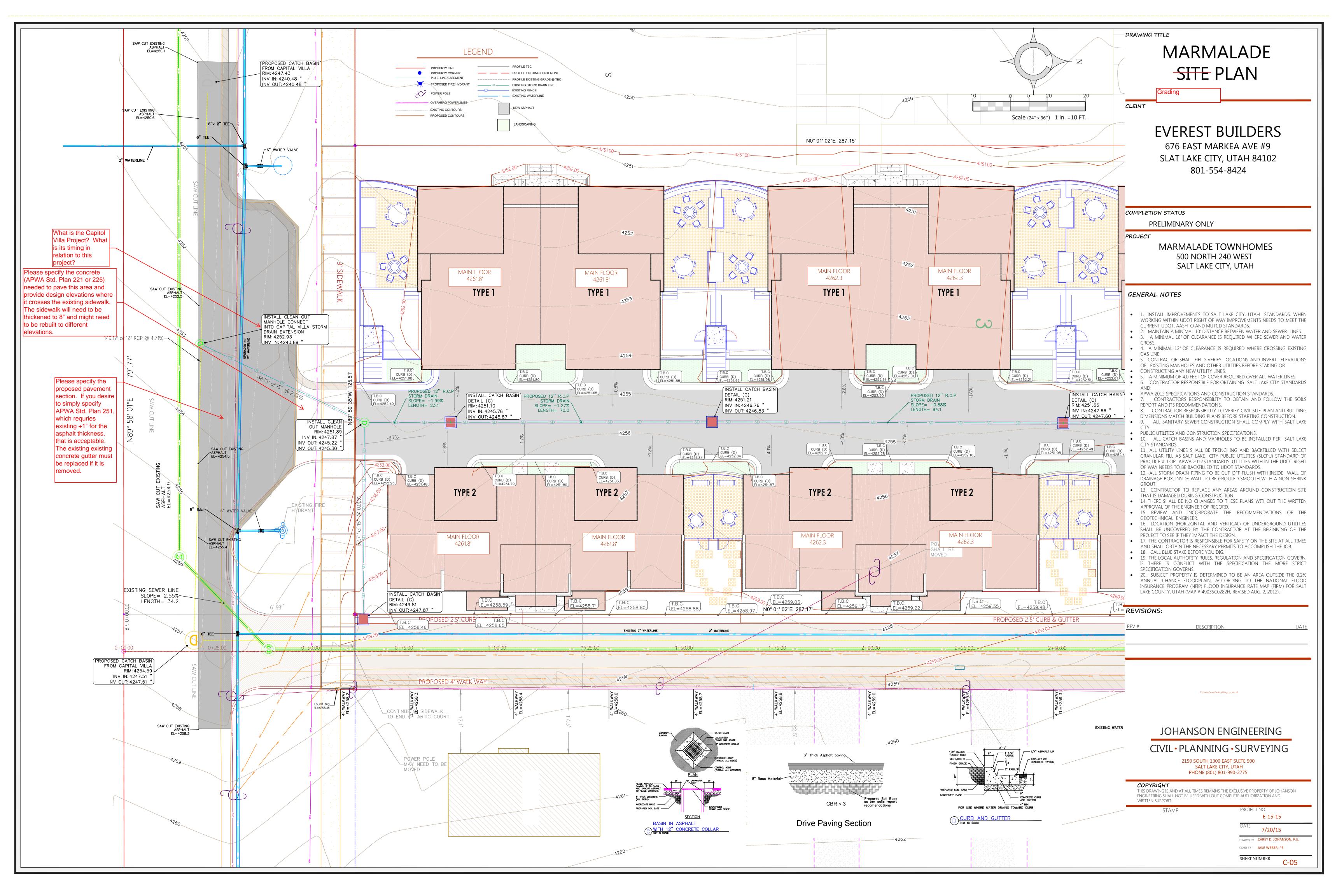
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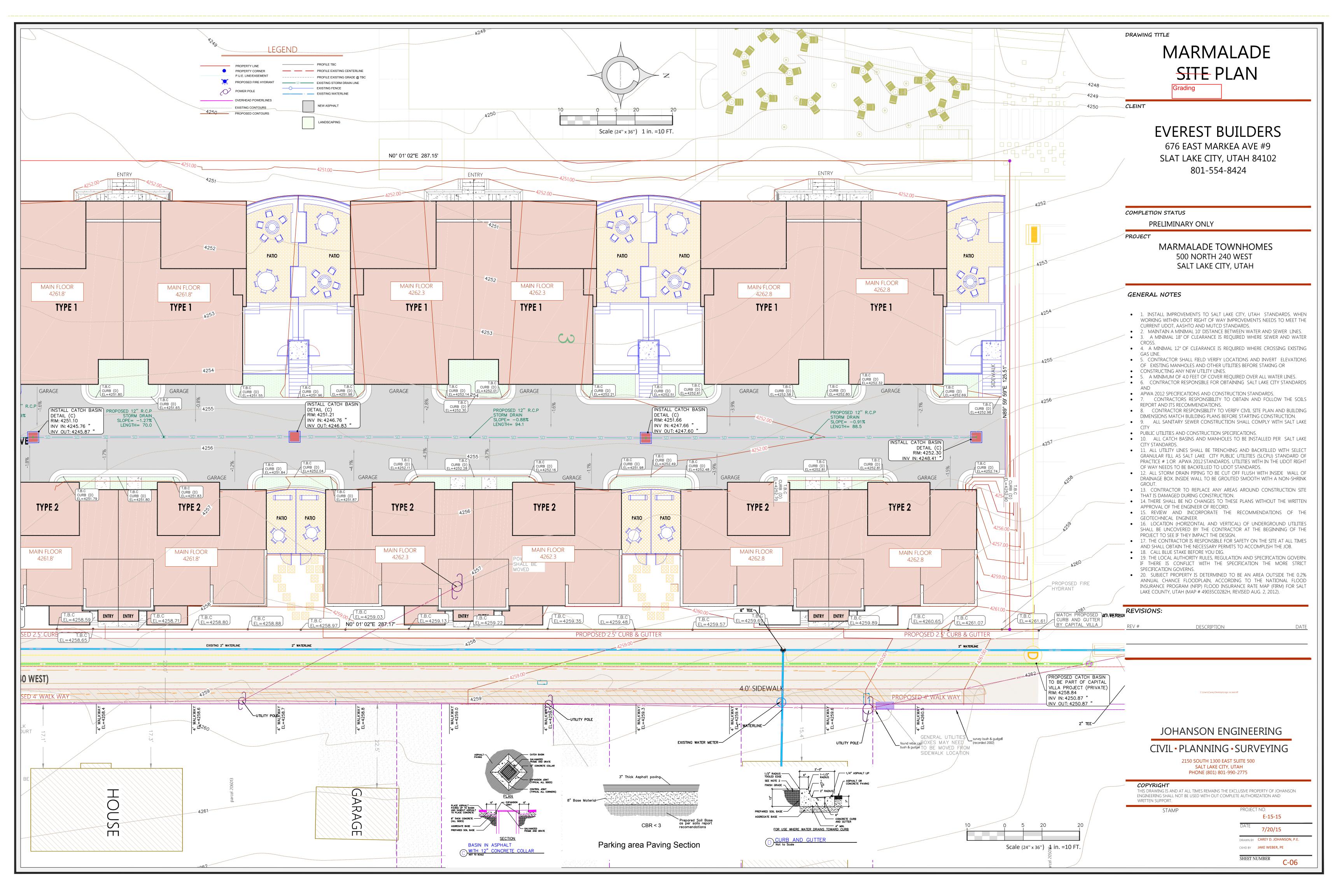
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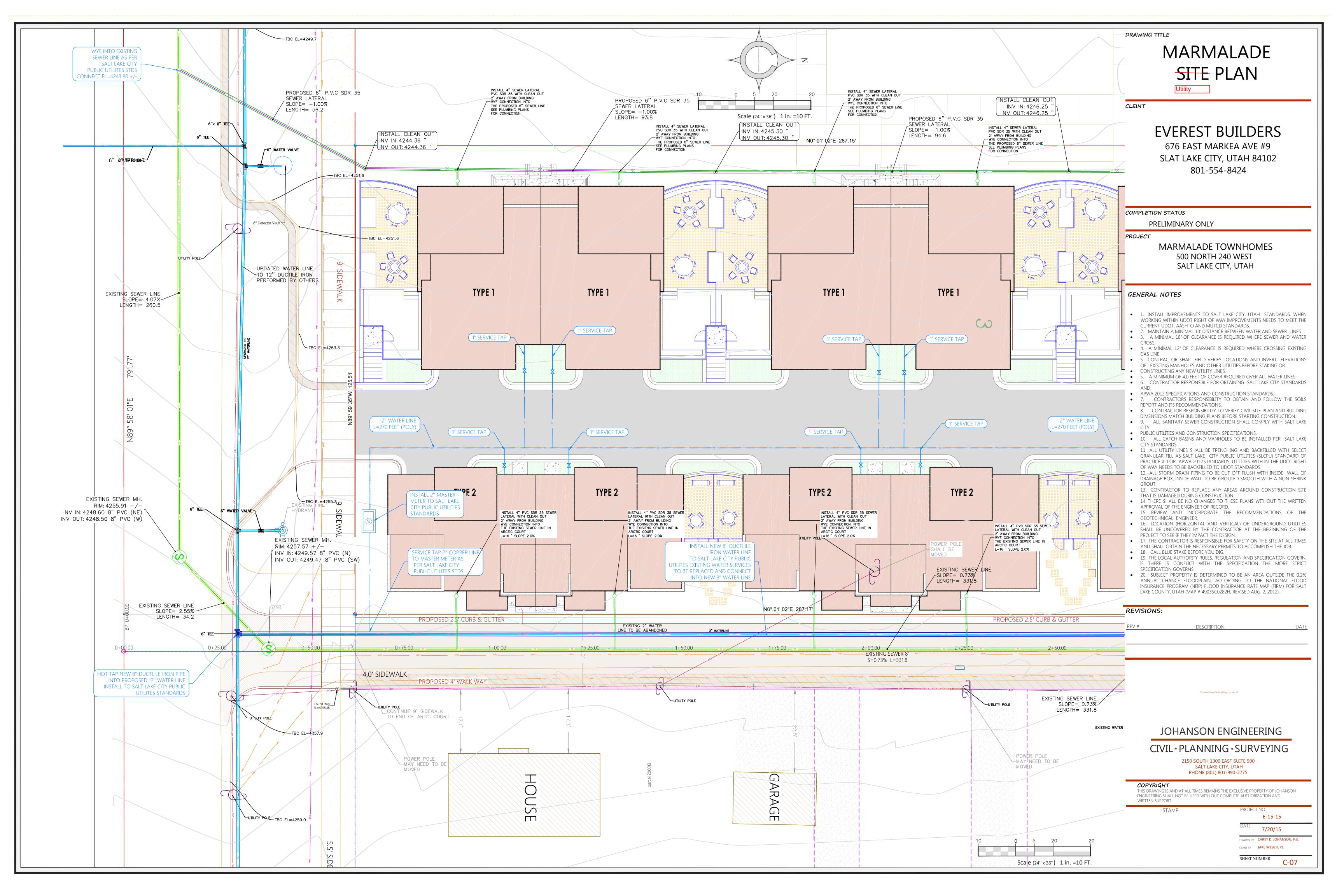
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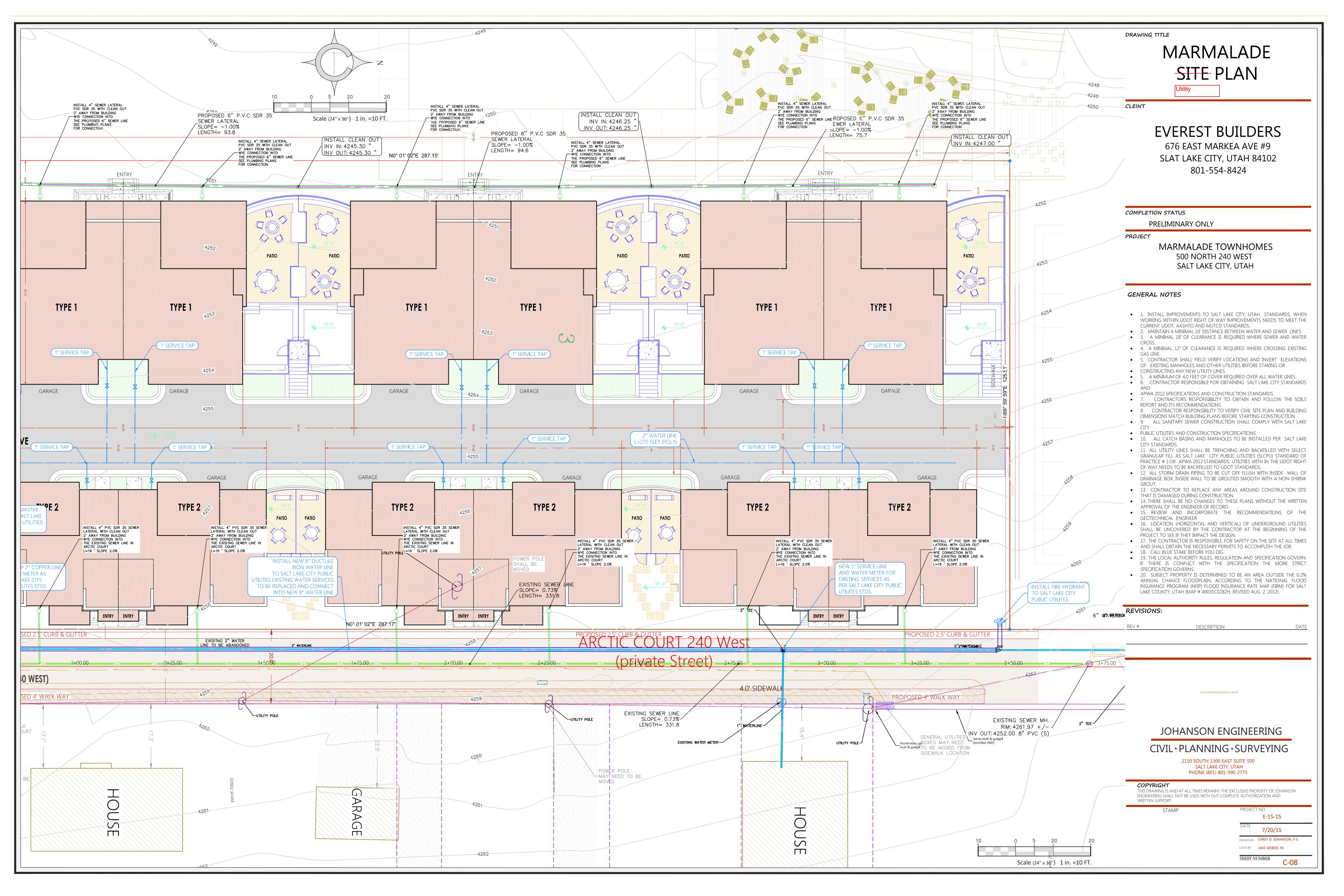


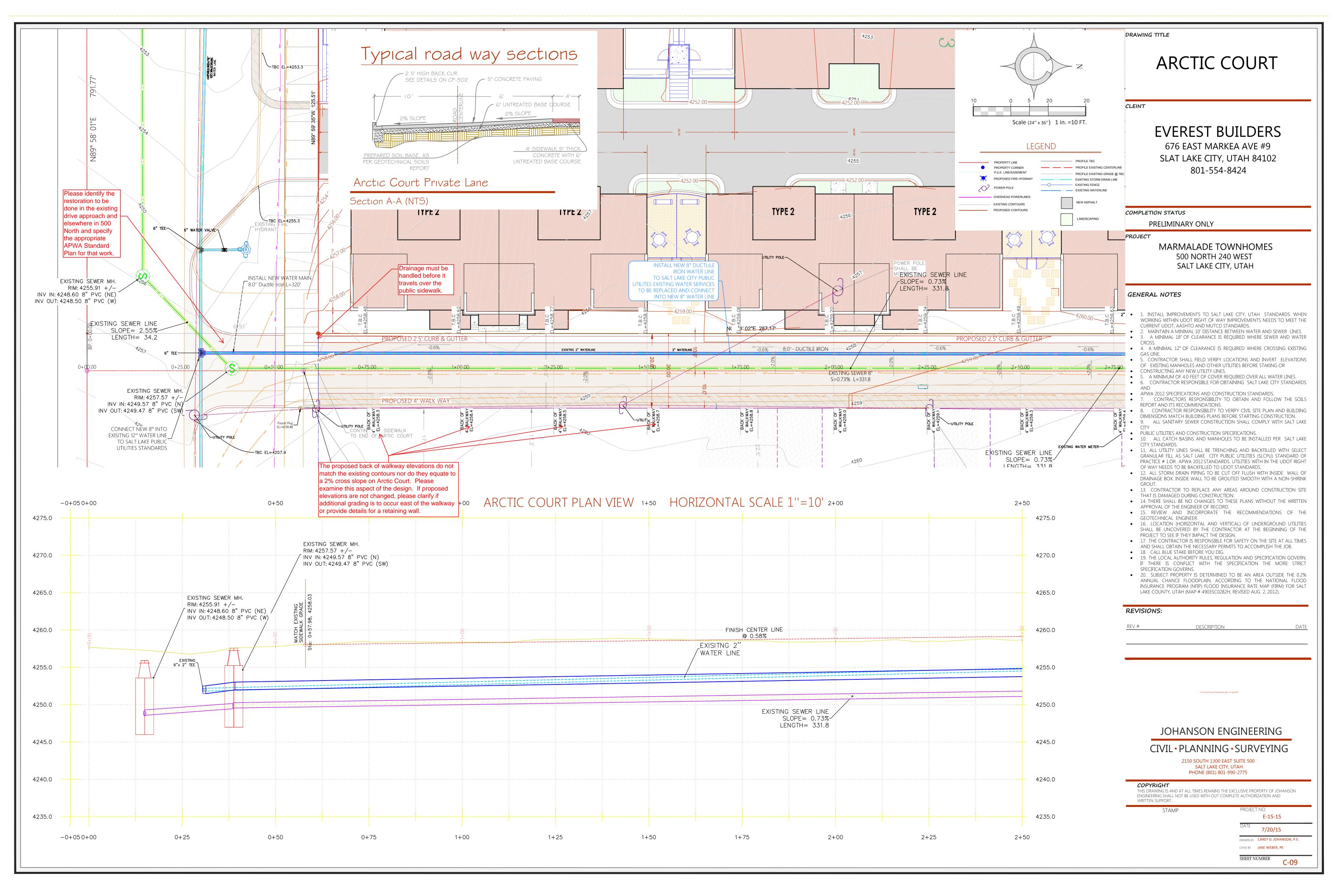


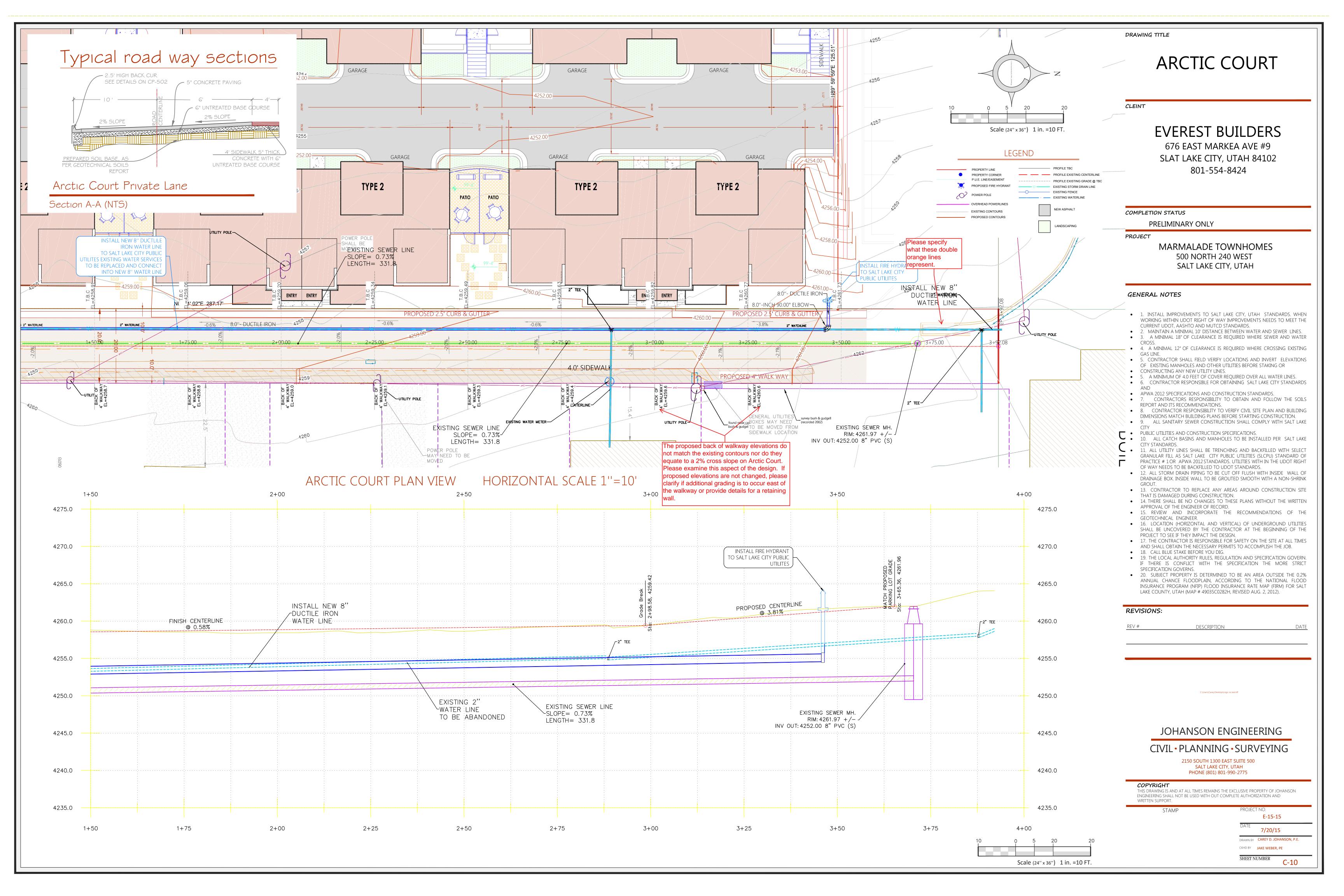


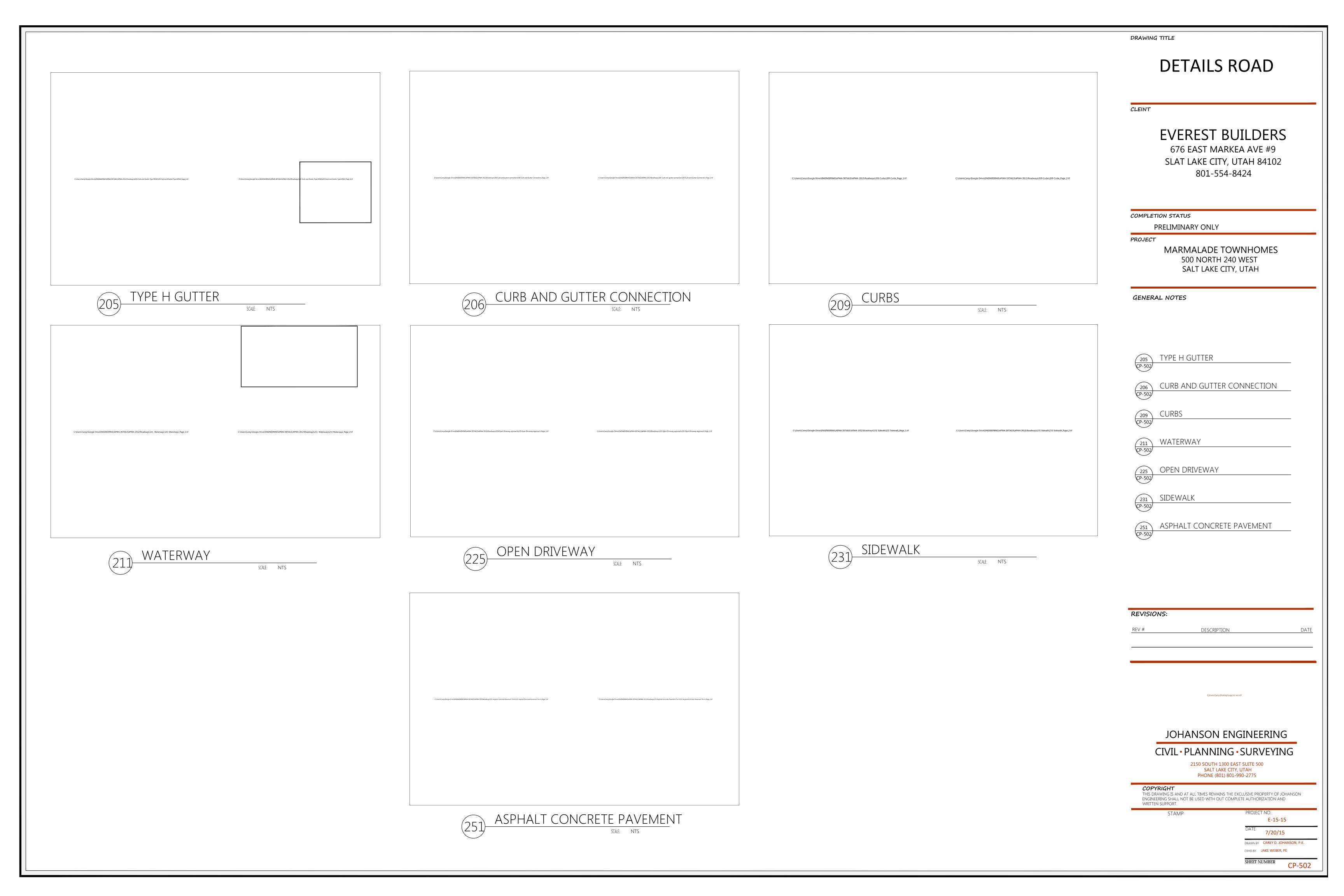










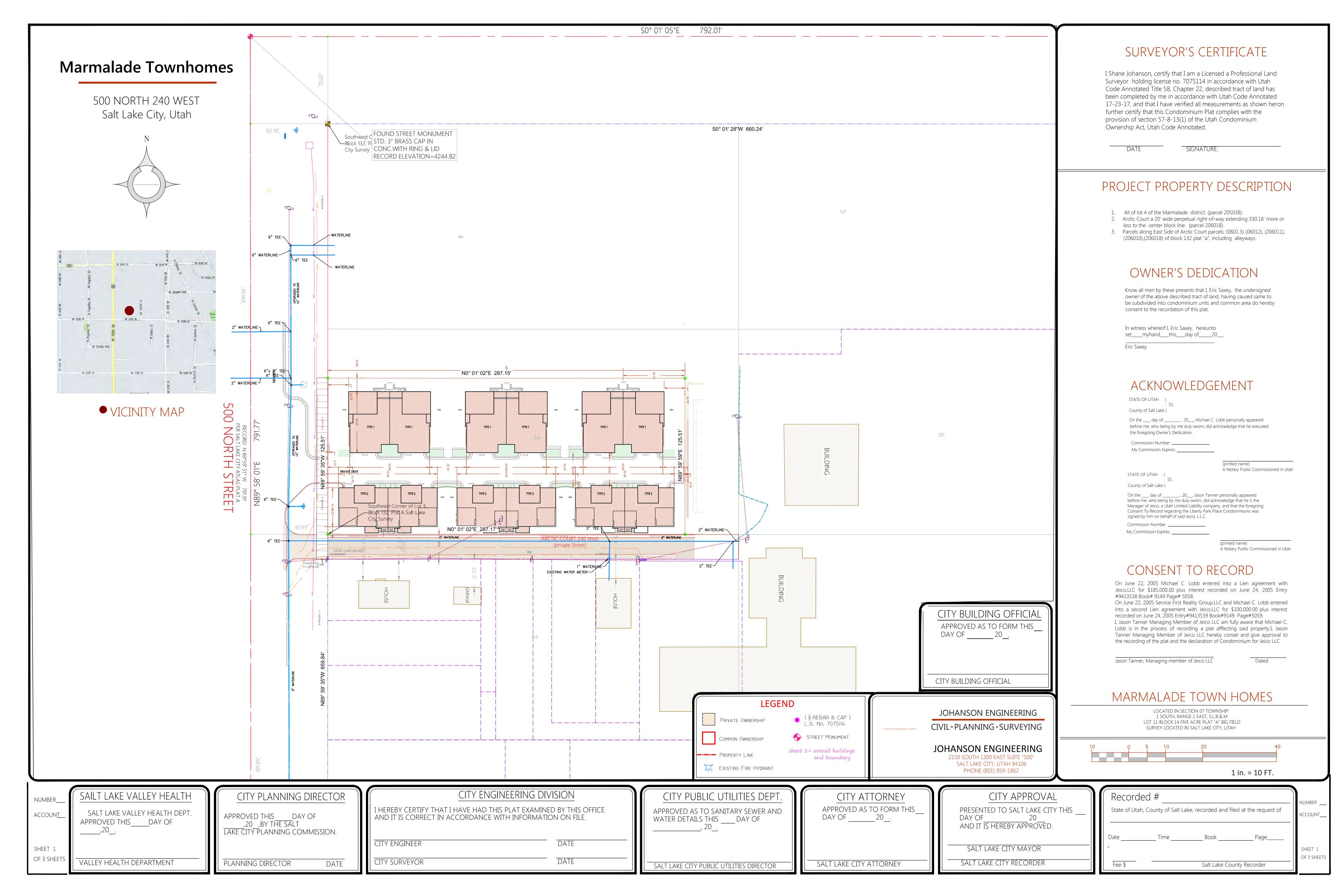


					DRAWING TITLE
					STORM DRAIN DETAILS
					EVEREST BUILDERS 676 EAST MARKEA AVE #9 SLAT LAKE CITY, UTAH 84102 801-554-8424
					COMPLETION STATUS
					PRELIMINARY ONLY PROJECT MARMALADE TOWNHOMES 500 NORTH 240 WEST SALT LAKE CITY, UTAH
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					AREA DRAIN CP-503
					PRECAST CATCH BASIN (P-503) PRECAST MANHOLE (P-503)
372 AREA DRAIN	SCALE: NTS	PRECAST CA	SCALE: NTS	PRECAST MANHOLE SCALE: NTS	PIPE ZONE BACKFILL CP-503
					TRENCH BACKFILL CP-503
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					REVISIONS:
					REV # DESCRIPTION DATE
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PIPE ZONE BACKFILL SCALE: NTS		(381)	SCALE: NTS	C\Users\Carey\Desktop\Logo no text.tiff	
					JOHANSON ENGINEERING CIVIL • PLANNING • SURVEYING 2150 SOUTH 1300 EAST SUITE 500 SALT LAKE CITY, UTAH PHONE (801) 801-990-2775
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					STAMP PROJECT NO. E-15-15 DATE 7/20/15
					DRAWN BY CAREY D. JOHANSON, P.E. CKHD BY JAKE WEBER, PE

SHEET NUMBER

CP-503

				DRAWING TITLE
				SEWER AND WATER DETAILS
				SEVVER AND VVAIER DETAILS
				CLEINT
				EVEREST BUILDERS
				676 EAST MARKEA AVE #9 SLAT LAKE CITY, UTAH 84102
				801-554-8424
				COMPLETION STATUS
				PRELIMINARY ONLY PROJECT
				MARMALADE TOWNHOMES 500 NORTH 240 WEST
				SALT LAKE CITY, UTAH
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				SEWER MANHOLE CP-504
				SEWER LATERAL CONNECTION (P-504)
				30IN FRAME AND COVER
	SEWER MANHOLE SCALE: NTS	SEWER LATERAL CONNECTION SCALE: 1:4	30IN FRAME AND COVER SCALE: NTS	CP-504
				FIRE HYDRANT CP-504
				523 3IN WATER METER CP-504
				WATER SERVICE LOOP
				CP-504
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				JOHANSON ENGINEERING
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				2150 SOUTH 1300 EAST SUITE 500 SALT LAKE CITY, UTAH PHONE (801) 801-990-2775
				COPYRIGHT THIS DRAWING IS AND AT ALL TIMES REMAINS THE EXCLUSIVE PROPERTY OF JOHANSON ENGINEERING SHALL NOT BE USED WITH OUT COMPLETE AUTHORIZATION AND
				WRITTEN SUPPORT. STAMP PROJECT NO. E-15-15
				DATE 7/20/15 DRAWN BY CAREY D. JOHANSON, P.E.
				CKHD BY JAKE WEBER, PE
				CP-504



ATTACHMENT I: ALTERNATE MOTION

Not Consistent with Staff Recommendation:

Based on the analysis and findings listed in this staff report, testimony and the proposal presented, I move that the Planning Commission deny the planned development and subdivision requests for new construction for the twelve (12) new townhomes located at approximately 535 N. Arctic Court. I move that the Planning Commission deny the reduced landscape buffer requirement from 10' to 5'3", deny the Type 1 Units without street frontage, and deny the subdivision of the lots. The Planning Commission finds that the proposed project does not comply with the review standards as demonstrated in Attachments F of this staff report.

The Planning Commission shall make findings on the review standards and specifically state which standard or standards are not being complied with.