

360 W 300 S, Suite 102 Salt Lake City, UT 84101 385-273-3888 dwelldesignstudio.com

February 22, 2022

The Ritchie Group

West Quarter – Block C

Salt Lake City, UT

Project Narrative

The project site occupies the mid-black lot along 200 South between 300 West and 200 West. This Lot is the first lot to be developed in Phase II of the West Quarter Development. There is one existing building which is currently on the site. The building will be demolished and removed as part of the redevelopment of this lot and the adjacent lot directly to the East at the corner of 200 South and 200 West. The adjacent site will be developed in the next phase of the West Quarter Development

A mid-black road, Quarter Row, will be continued down from Phase I and connect to 200 South. This road will contain a public easement.

This project will deliver a 16 story building comprised of retail, parking, and residential uses. (See enclosed plans). The streetscape will host 2 or 3 different retail spaces, consisting of a combined 21,400 sqft of retail space, as well as a 2,625 sqft residential lobby. Floors 02 through 08 will consist of a parking deck wrapped in residential units. Then the final 8 levels, floors 09 through 16 will be strictly residential and the associated amenity spaces. The entire structure will be a Type 1A building with a cast in place concrete structural system. There will be an amenity courtyard located on top of the parking deck at Level 09 with a swimming pool. In total the project will provide 323 residential units, in a mix of studio, 1, 2 and 3 bedroom options ranging from 350 sqft to 1,350 sqft..

The exterior materials, as shown in the renders and elevations will be brick, masonry block, metal panel and a poly-mesh garage screen with a monochromatic printed image. The exact image / art piece displayed on the screen will be finalized at a later date. Signage for the building and retail spaces will comply with the Downtown Ordinances guidance on signage and be determined and placed at a later date based on retail tenants.

The parking deck will be a double ramp design with a speed ramp between level one and level two. 343 parking spaces will be provided. The overall all unit density will be around 235 units/acre.

Given the close proximity to both the Arena Trax Station and the Temple Square Station, we believe that this design will not only meet the City's vision for this downtown district but will also enhance the area by adding a walkable, active, transit-oriented, multi-family option for City's Residents on a lot which has a vacant structure.



We have detailed our intentions to meet the design standards listed in 21A.59.050 as described below:

- B. Development shall be primarily oriented to the sidewalk, not an interior courtyard or parking lot.
 - 1.) Primary Entrances face the public sidewalk (secondary entrances can face the parking lot.)
 - a. West Quarter Block C Apartments will have a predominant retail entry located along 200 South as well as a main residential lobby entrance along Quarter Row.

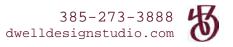
Vehicular access is provided on the north side of the site on an interior street off Quarter Row.

- 2.) Building(s) shall be cited close to the public sidewalk, following and responding to the desired development patterns of the neighborhood.
 - Block C's ground level Facade stands at the property line/sidewalk edge at 200 South and is set back along Quarter Row as shown on the attached plans. The majority of the building ground floor facade is lined with two story storefront glass windows providing views of the complex's leasing, lobby & retail. The setback along Quarter Row allow for a fluid pedestrian experience while providing potential for outdoor dining experiences for any restaurants which may lease the ground floor commercial spaces.
- 3.) Parking shall be located within, behind or to the side of the building.
 - An enclosed parking structure is located on Levels 02 thru 08 and are wrapped by residential units on the entire south façade as well as the majority of the East and West Façade. Where the garage is not wrapped by residential program the garage is screened with a moly-mesh screen which will have a printed monochromatic image. The entire garage will be hidden from pedestrian view. Vehicle access is located on a street accessed via quarter row on the north side of the lot.

The streetscape along Quarter Row will match the look, feel and design intent that has been developed in Phase I. This will enhance the pedestrian experience and link all phases for the district's redevelopment into a seamless, walkable experience. The garage access area, to the west of Quarter Row, will be clad in a dark split face block and be subdued in appearance as to not attract attention away from the mid-block pedestrian experience and main facades of the building.

- C. Building Facades shall include detailing and glass in sufficient quantities to facilitate pedestrian interest & interaction.
 - 1.) Locate active ground floor uses at or near the public sidewalk.
 - a. The apartment complex's entry lobby, and retail are all located along both the mid-block road, Quarter-Row, and the public sidewalk of 200 South.
 - 2.) Maximize transparency of ground floor facades
 - a. The ground floor has been designed with large floor-to-ceiling two story windows at the residential lobby and retail not only maximizing the transparency of the ground floor at the sidewalk but creating sight lines into the complex's active areas. Glass storefront is maximized on the 200 South façade and wraps the corner to Quarter Row to provide an inviting corner facade.
 - 3.) Use or reinterpret traditional store front elements like sign bands, clerestory glazing articulation and architectural detail at window transitions.
 - The ground floor glazing at the corner of 200 South and Quarter Row will be accented by both Dark and Light Brick Units, steel overhead window-awnings and a few warm wood-like screening elements. The storefront windows will have dark mullions and are separated by brick piers of considerable mass creating a visual contrast from the transparent glass. Signage





will be provided based off of SLC Signage ordinance once retail tenants are in place to help provide feedback on how to best enhance the pedestrian experience.

D. Large masses shall be dividing into heights and sizes that relate to human scale.

- 1.) Relate building scale and massing to the size and scale of existing and anticipated buildings such as alignment established cornice heights building massing, step-backs and vertical emphasis.
 - Vertical emphasis is created at street level though floor-to-ceiling glass that spans the 20' tall first level, along with awnings, brick piers, and marquee elements. Steel awnings bisect the floor-to-ceiling windows which provide a "grounding" element that emphasizes the humanscale factor. The building is further broken down along 200 south by a large 2 story terrace to help articulate the base versus the mid part of the building of the 7-story building. Along 200 South the majority of the building height significant steps back to provide expansive outdoor roof top amenity space to residence and opens an amazing visual presence to the existing Historic Warehouse.
- 2.) Modulate the design of a larger building using a series of vertical or horizontal emphases to equate with the scale (heights & widths) of the building in context to reduce the visual width or height.
 - Both vertical and horizontal emphases has been placed with this project to reduce the visual massing from both 200 South and Quarter Row.
 - Along 200 South, above level 2 and 3 recess from the street providing relief in the mass of the building. Metal clad volumes also punctuate the upper residential floors providing visual interest and breaking down the overall building into small, related pieces and elements.
- 3.) Include secondary elements such as balconies porches vertical bays, belt courses fenestration & window reveals.
 - Secondary elements have been included in the design of the project. You will find both recessed and a mix of fenestrations varying in size and shape depending on locations. Color and material variations and several other elements throughout the development.
- 4.) Reflect scale & solid-to-void ratio of windows and doors of the established character of the neighborhood or that which is desired in the master plan.
 - a. Window Glazing at ground level has maximized at areas of the Residential Lobby and Retail Spaces.

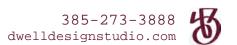
E. Building facades that exceed a combined contiguous length of 200' shall include:

- 1.) Changes in vertical plane (breaks in façade)
- 2.) Material Changes
- 3.) Massing Changes
 - a. We have provided changes in vertical plane through the varying of unit footprint, building layout, material transitions, and balcony recesses.

F. If provided, privately owned public spaces shall include at least three (3) of the six (6) following Elements

- 1.) Sitting space of at least one sitting space for each 250 sq ft shall be included in the plaza. Seating shall be a minimum of 16" in height and 30" in width. Ledge benches shall have a minimum depth of 30".
- 2.) A Mixture of areas that provide seasonal shade
- 3.) Trees in Proportion to the space, at a minimum of one tree per 800 square feet at least 2" in caliber.
- 4.) Water Features or public art
- 5.) Outdoor dining areas





- 6.) Other amenities not listed above that provide a public benefit
 - Q. At the corner of 200 South and Quarter Row there is a covered Arcade area which will provide a prominent entry for retails along with potential outdoor seating is future retail tenants desire such space. Outdoor dining, shade, and sitting space will be provide
- G. Building height shall be modified to relate to human scale and minimize the negative impacts.

1.) Human Scale

- a. The building has a distinct brick and glazing base, which articulates the ground floor retail experience and sets a human scale streetscape. A combination of floor-to-ceiling glazing along with metal panel cladding articulates the upper portions of the building creating visual interest from a distance and from adjacent buildings. The differentiation in materials and articulation helps to communicate the differing program with commercial spaces at ground level and residences above. (See renderings & elevations).
- b. The vertical mixed use on the structure is articulated via a bottom middle and top. The bottom retail is highlighted by a brick base. The middle of the building utilizes large volumes clad in metal panels to break down the building mass and creates visual interest along with the balconies which add additional articulation the middle of the building. The top of the building is highlighted by a band of glazing and a continuous metal clad parapet.

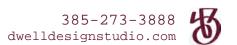
2.) Negative Impacts

- a. See explanations of building modulations in "Human Scale" Above. See Renderings & Elevations.
- b. The shadow/shade conditions on the streetscape are mitigated by the building being primarily oriented north-south and having a generous setback on the east side of the building. This set back allows more afternoon sun and light to reach quarter row.
- Wind Impacts no impact different from neighboring buildings of similar height in West Quarter Phase I.

3). Cornices & Rooflines

- West Quarter Block C has a continuous consistent Parapet height, consistent with the look and feel of the buildings adjacent in Phase I as well as other contemporary High-rise buildings in the downtown district. The 16th floor and parapet is articulated with a glazing and banding of metal panels to create a "top condition". (See Elevations and Renders).
- H. Parking & Circulation shall be provided with an emphasis on making safe pedestrian connections to the sidewalk, transit facilities or midblock walkway.
 - a.) The parking services are also hosted within the building and are screened and removed from the pedestrian experience from the street level. The entrance to these service areas are removed from the main road, Quarter Row, with a side service street, which further preserves the walk-able mid block road.
- I. Waste and recycling containers, mechanical equipment, storage areas and loading docks shall be fully screened from public view and shall incorporate building materials and detailing compatible with the building being served. Service uses shall be set back from the front line of the building or located within the structure.
 - a.) All waste & recycling containers, mechanical equipment, storage areas and loading docks are hosted within the building, removing them from the pedestrian experience. See Building plans.
- J. Signage shall emphasize the pedestrian/mass transit orientation
 - 1.) Define Specific spaces for signage that are integral to the design of the building.





Signage for the complex will be located

- a. Along the South face of the building, visible traveling east/west on 200 South.
- b. Along the East face of the building, visible traveling north/south on Quarter Row.
- c. The South East corner of the Building, visible traveling east/West on 200 South and north/south on Quarter Row.
- d. On/above the steel awning along 200 South, as well as on Brick piers separating storefront elements along 200 South.
- e. Above the retail's doors along 200 South and Quarter Row
- f. On/above the steel awning along Quarter Row, as well as on Brick piers separating storefront elements along 200 South.
- g. Other possible locations for signage could include window signage for community or retail branding along 200 South and Quarter Row.

K. Lighting shall support pedestrian comfort and safety, neighborhood image, and dark sky goals.

- 1.) Provide street lights as indicated in the Salt Lake City Lighting Master Plan.
 - a. Street lighting will be in line with the Salt Lake City Master plan and match the approved street lighting scheme from Phase 1 of the development.
- 2.) Outdoor lighting should be designed for low-level illumination and to minimize glare and light trespass onto adjacent properties and up lighting directly to the sky.
 - a. All outdoor/landscape lighting will be low voltage lighting and will be positioned and designed to light landscape area and avoid glare, trespass and up light to sky.
- 3.) Coordinate lighting with architecture, signage, and pedestrian circulation to accentuate significant building features, improve sign legibility, and support pedestrian comfort and safety.
 - a. The signage lighting will provide for clearly legible signs which will enhance wayfinding on the site. Additional lighting will be integrated into the landscape to accentuate walkways/safe pedestrian paths and spaces.

L. Streetscape improvements shall be as follows:

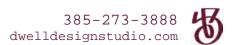
- 1.) One Street tree chosen from the street tree list consistent with the city's urban forestry guidelines and with the approval of the city's urban forester shall be places for each 30' of property frontage.
 - a. Based off the linear footage of the of the property line we are required to have 3 street trees, we have selected a tree from the approved tree list and currently provide 6 street trees to meet this requirement.
- 2.) Hardscape paving material shall be utilized to differentiate privately owned public spaces from public spaces. Hardscape for public sidewalks shall follow applicable design standards. Permitted materials for privately owned public spaces shall meet the following guidelines:
 - a. We have shown a unique concrete color pattern and scoring to differentiate the private spaces and have follow the downtown SLC hardscape paving standards on the public streets and will follow all required detailing for all hardscape areas.

Preliminary plans & renderings have been attached for your review. We look forward to your consideration and approval of this project in its current form.

We have detailed our compliance with the purpose of the D-4 zoning district as described below:

West Quarter Block C, The Gird, is designed to be the next extension of the overall West Quarter development and seamlessly integrate into the urban experience created in the D-4 Secondary Central Business District. The



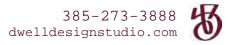


extension of Quarter Row, the new mid-block road, creates a pedestrian promenade experience lined with retail opportunities and a public park. These retail spaces wrap around the corner of the building along the 200 south frontage, creating a programmatic connection between the existing street, the new mid-block connection and the new building on Block C. The street experience is designed to provide retail, restaurant and other commercial opportunities for both the residents of the structure and others who might be in the surrounding downtown areas, including the Arena, The Salt Palace and the CBD of Salt Lake City. In addition to the numerous retail activities which will bring life to the D-4 district, a public park is included midway down the mid-block providing an additional green space for the district as well as a place for the community to gather within the new vibrant, mid-block corridor.

We have detailed our compliance with the purpose of the design standards outlined in 21A.37.060.D below:

See Attached Spreadsheet.





D. Downtown Disticts :					
Standard	Code Section	Code Required	Proposed Design		Compliance
Ground Floor Use (%) Minimum Depth of Occupied Space	21A.37.050-A1	75% 25' 0"	Total Street Facing Façade Length Total Retail/Residential Use Length Total Use Percentage Shallowest Retail/Residentail Depth	620' 0" 479' 6" 77.34% 29' 0"	Complies
Ground Floor Use + Visual Interest (%)	21A.37.050-A2	20 0	Not Applicable - Utilized Option 1		Complies
Building Materials : Ground Floor (%)	21A.37.050-B1	No Min. Specified	Other than Windows all Ground floor materials are durable materials as specified in section 21A.37.050-B1	See Elevations in A4 Series	Complies
Building Materials : Upper Floor (%)	21A.37.050-B2	No Min. Specified	Upper Floor Façade is Window Wall Glazing and Metal Panel as well as a Parking Garage screening system.	See Elevations in A4 Series	Complies
Glass : Ground Floor (%)	21A.37.050-C1	40%	Façade Has Storefront between 6" and 8'0" and will be unobstructed per section 21a.37.050-C1	49.50%	Complies
Glass : Upper Floors (%)	21A.37.050-C2	No Min. Specified	Upper Floor Façade is Window Wall Glazing and Metal Panel as well as a Parking Garage screening system.	See Elevations in A4 Series	Complies
Building Enterances (feet)	21A.37.050-D	Min. (1) operable building enteance on each street facing façade.	Each Street facing façade is provided with atleast one enterance. Additional entrances, currently not shown on the south elevation may be added along 200 south in future depenant on how the larger retail space on the ground floor is tenanted.		Complies
Blank Wall : Maximum Length (feet)	21A.37.050-E	No Length Specified	Not Applicable - no length specified		Complies
Upper Floor Step Back (feet)	21A.37.050-G	No Step Back Specified	Not Applicable - no step back specified specified		Complies
Lighting: Exterior	21A.37.050-H	Sheilded and Directed down to prevent light trespass to other properties. Shall not Strobe, flash or flicker.	Exterior lighting will comply with zoning requirments		Complies
Lighting : Parking Lot	21A.37.050-I		Parking structure is fully screened and not exposed to residential zones.		Complied
Screening of Mech. Equipment	21A.37.050-J		Mechanical Equipment is Screened with Perofrated Metal Panel on Roof	See Plans and Elevations	Complied
Screening of Service Areas	21A.37.050-K		All Ground Floor Service Areas and located with in the structures enclosed loading zone.	See Plans	Complies
Ground Floor Residential Entrances	21A.37.050-L		Not Applicable - No Ground Floor Residential	See Plans	Complies
Parking Garages or Structures	21A.37.050-M	Criteria listed Below			Complies
1. Exterior Skin		Designed to Improve visual character of public streets and spaces.	The exposed portion of the garage is to be wrapped in a poly-mesh screen with a monochromatice printed mural. This will enhance the public experience from Quarter Row, where this portion of the structure is most visible.	See Plans and Elevations	Complies

2. Architectural Design	Express internal function.	The Poly-Mess screen which will shroud the garage is intended to express disparate programs in the building while not detracting from the overall design and enhancing the public experience via public art.	omplies
3. Internal Circulation	Internal circulation to be designed such that the surface levels are flat along the primary façade.	The primary facades of the building wrap around the garage and slope ramps, concealing them from public view. Where not wraped by the building and screen is provided to conceal the parking structure.	omplies
4. Elevator and Stairs	Elevator and Stairs shall be highlighted Architecturally for visitor wayfinding.	Public garage / commercial lobby will be provided along Quarter Row to facilitate easy wayfinding for both retail patrons and district visitors.	omplies
5. Signage & Wayfinding	Public parking garages shall be clearly signed from public streets	Clear signage of parking garage enterance will be provided on Quarter RcCo	omplies
6. Interior Garage Lighting	Lighting shall not produce glare toward adjacent properties	Parking structure is screened and internal lights will be directed as not to produce glaze of light tresspass could be directed as not to produce glaze of light tresspass could be directed as not to produce glaze of light tresspass	omplies
7. Drive crosses public sidewalk	Drive to be different color than sidewalk	Drive is located on side access street off Quarter Row and will be a differentiated color. Sign-Impaired Cowarning strips will be provided before driveway.	omplies
8. Street Level Facades	Street Level Facing Facades of Parking Structues Wrapped along street frontage	Not Applicable - No Garage use located on street level.	omplies
9. Minimize Noise and Venting	Designed to minimize noise in public realm. Venting and fan locations not to be located next to public space.	Garage venting to be located above highest main roof of the building. Noise will be mitigated by the garage being wrapped by units on all primary façade conditions.	omplies





WEST QUARTER - BLOCK C

A DEVELOPMENT FOR:

THE

RITCHIE

GROUP

ISSUE

DATE DESCRIPTION INCLUDED

09/10/2021 SCHEMATIC DESIGN X

11/19/2021 DESIGN DEVELOPMENT

12/30/2021 50% CONSTRUCTION DOCUMENTS

X

REVISION
DATE DESCRIPTION

SE

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JOB NUMBER:

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GROCER ENTRY FEATURE AT CORNER OF 200 S. & 200 W.

6" = 1'-0"









Corner of 200 S. & John Stockton Dr.

6" = 1'-0"



360 WEST 300 SOUTH UNIT 102 SALT LAKE CITY, UT 84101 PHONE: 385.273.3888 dwelldesignstudio.com

SALTIAKE CITY UTAH

ADEVELOPMENT FOR:

THE RITCHIE GROUP

ISSUE

DATE DESCRIPTION INCLUDED

09/10/2021 SCHEMATIC DESIGN X

11/19/2021 DESIGN DEVELOPMENT

12/30/2021 50% CONSTRUCTION DOCUMENTS

X

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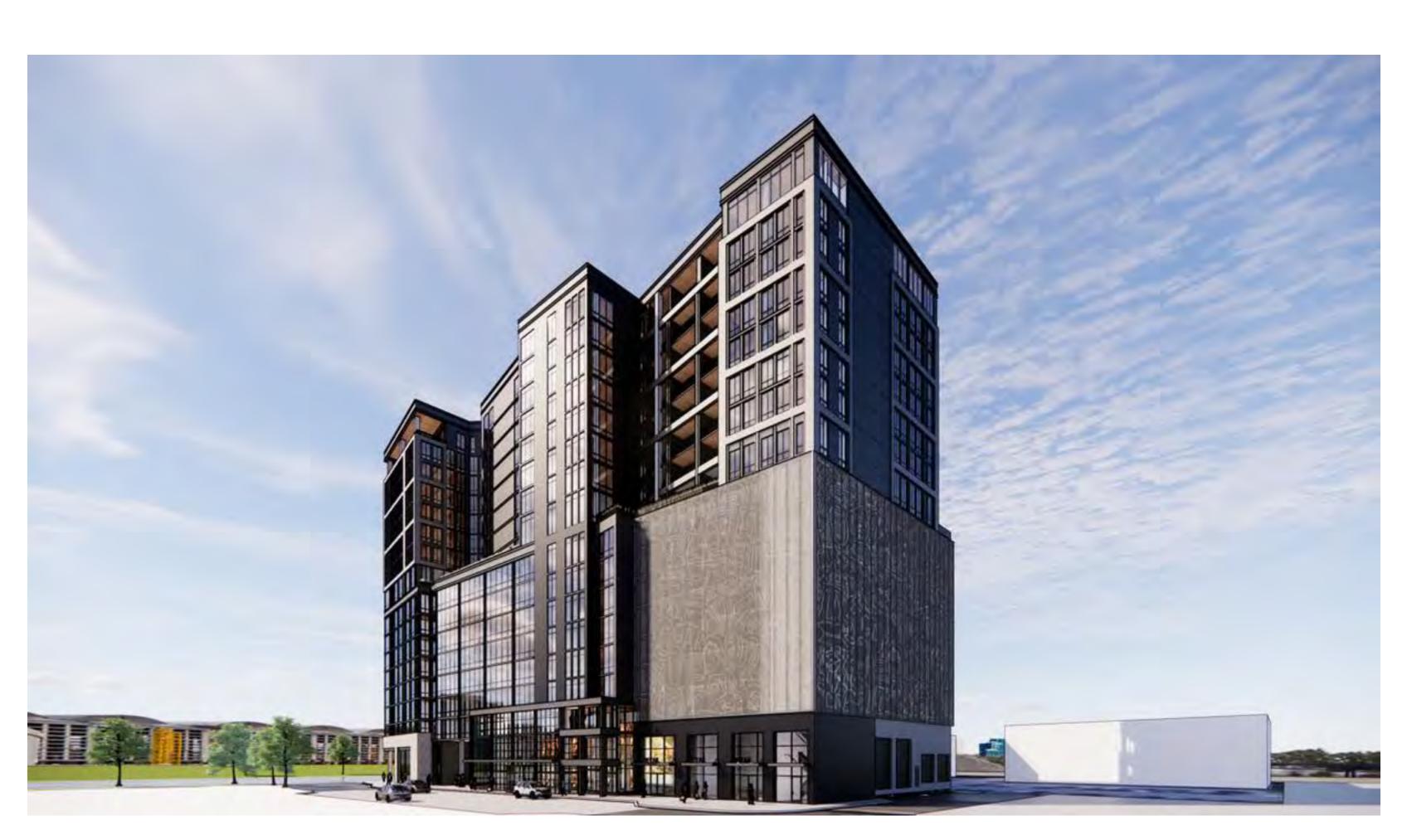
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GARAGE SCREEN OPTION EXAMPLE 1

Image depicted on garage screen is intended to show the intent of the architectural design. Exact Art/image to be printed is to be selected at a later date.



GARAGE SCREEN OPTION EXAMPLE 2

Image depicted on garage screen is intended to show the intent of the architectural design. Exact Art/image to be printed is to be selected at a later date.



GARAGE SCREEN OPTION EXAMPLE 3

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GARAGE SCREEN OPTION EXAMPLE 4

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T QUARTER - BLOCK C

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ELEVATION RENDERINGS

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Author Checker

A4-62

WEST QUARTER - BLOCK C

SALT LAKE CITY, UTAH

THE RITCHIE GROUP

DESIGN REVIEW SUBMITTAL

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(801) 878-4717

LANDSCAPE/HARDSCAPE DESIGN

PROJECT INFORMATION

- 2018 INTERNATIONAL BUILDING CODE (IBC), INCLUDING APPENDIX J, ISSUED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND AMENDED BY THE STATE OF UTAH 2018 INTERNATIONAL PLUMBING CODE ISSUED BY THE
- THE STATE OF UTAH 2018 INTERNATIONAL MECHANICAL CODE ISSUED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND

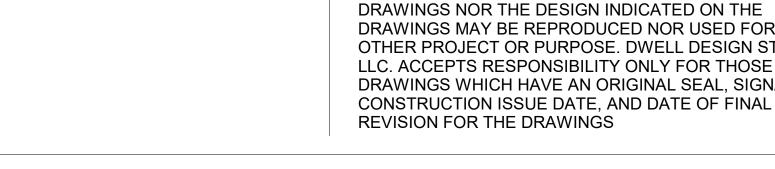
INTERNATIONAL CODE COUNCIL (ICC) AND AMENDED BY

- AMENDED BY THE STATE OF UTAH 2018 INTERNATIONAL FUEL GAS CODE ISSUED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND AMENDED BY THE STATE OF UTAH
- 2017 NATIONAL ELECTRICAL CODE, ISSUED BY THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND BY THE STATE OF UTAH
- 2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) ISSUED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND AMENDED BY THE STATE OF UTAH.

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VICINITY MAP





PROJECT RENDERING





SALT LAKE CITY, UT 84101

BLOCK QUARTER VEST

A DEVELOPMENT FOR:

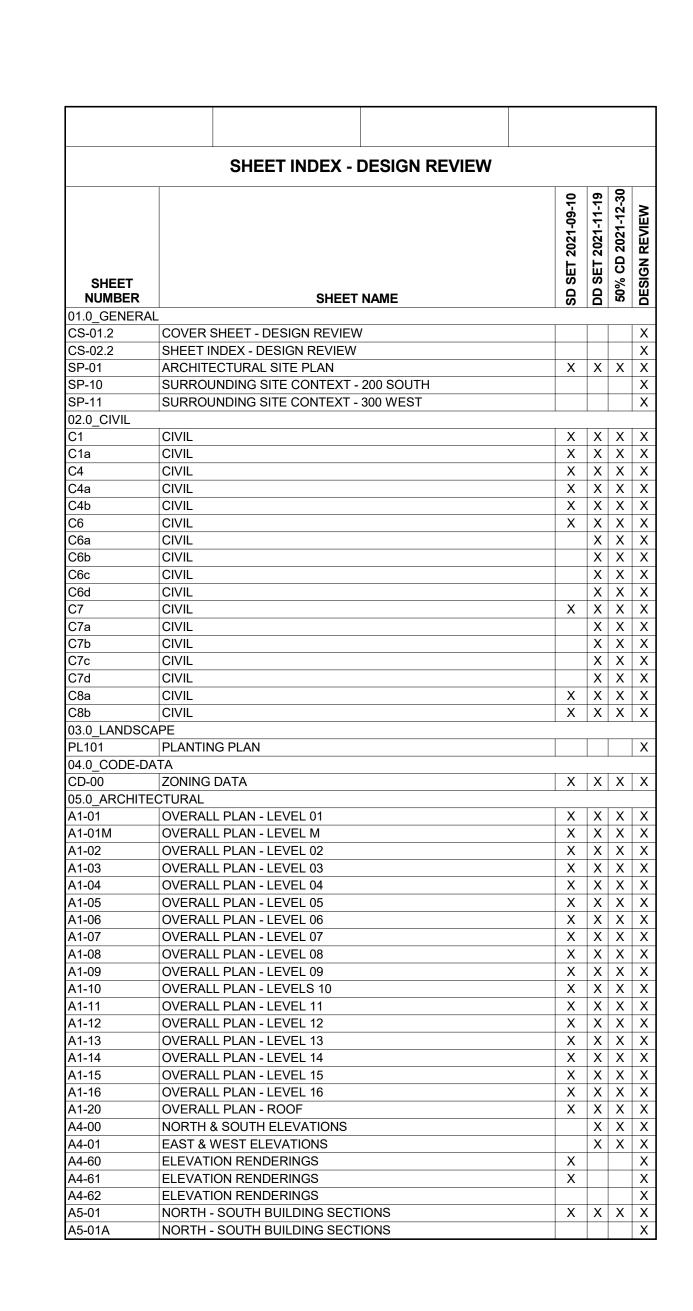
09/10/2021 SCHEMATIC DESIGN 11/19/2021 DESIGN DEVELOPMENT 12/30/2021 50% CONSTRUCTION DOCUMENTS

COVER SHEET - DESIGN **REVIEW**

DESIGN REVIEW SUBMITTAL

JOB NUMBER:

CS-01.2



dvell design studio

360 WEST 300 SOUTH UNIT 102 SALT LAKE CITY, UT 84101

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EST QUARTER - BLOCK C

ADEVELOPMENT FOR:

THE RITCHIE GROUP

ISSUE

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SHEET INDEX DESIGN
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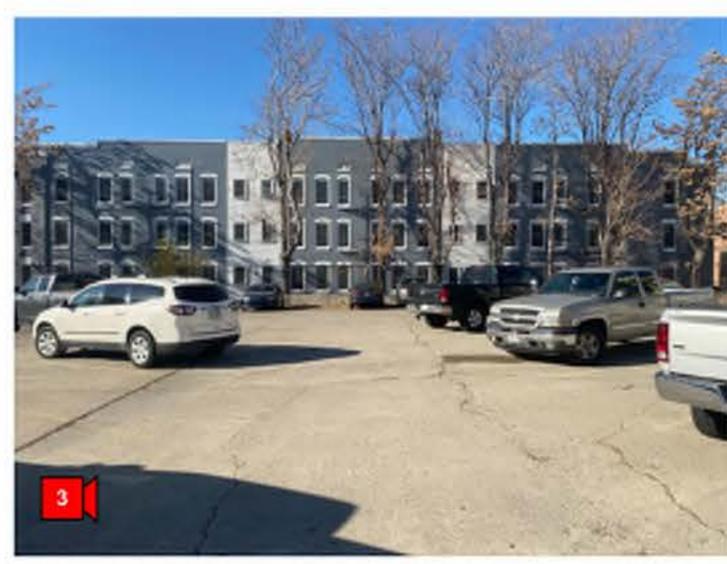
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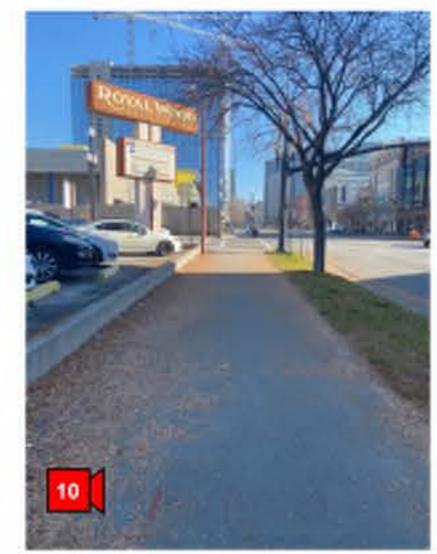
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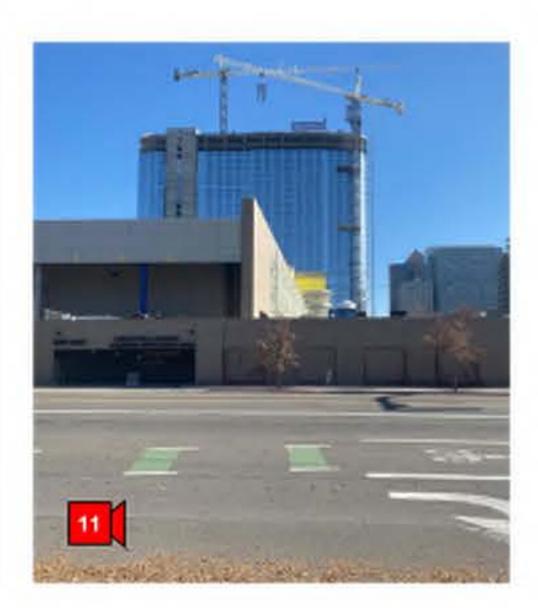


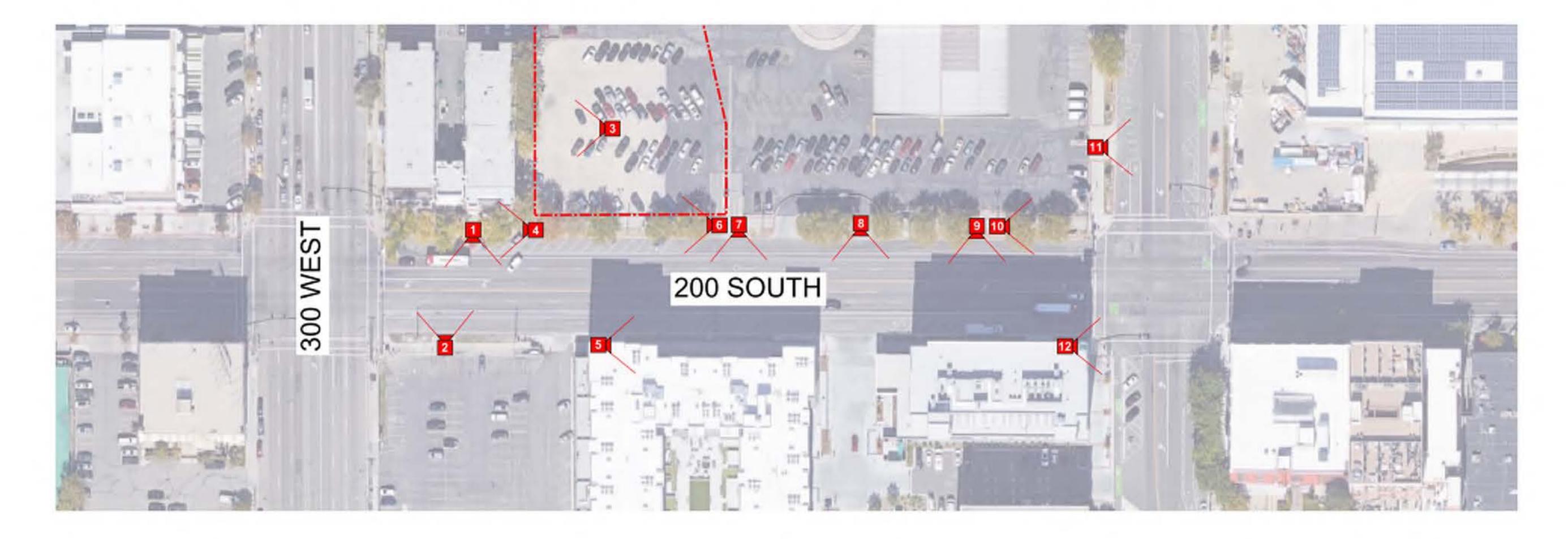


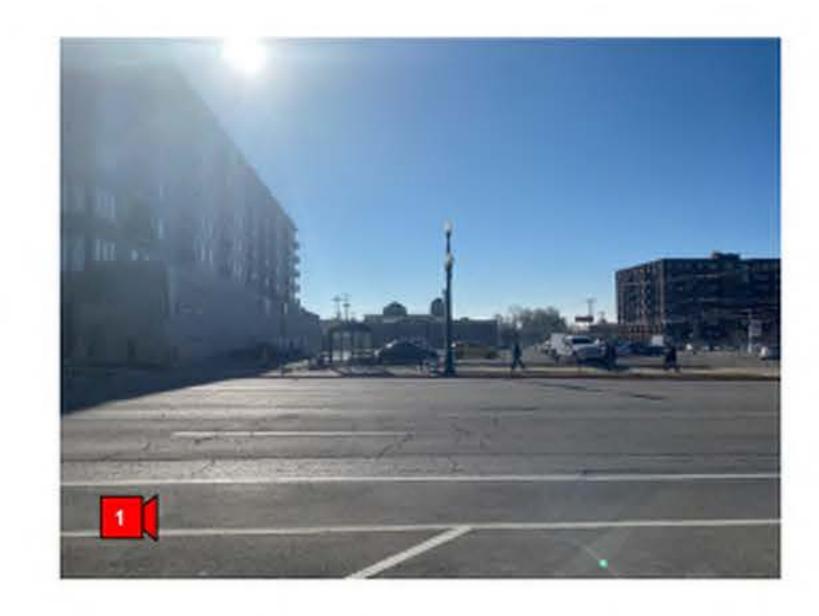




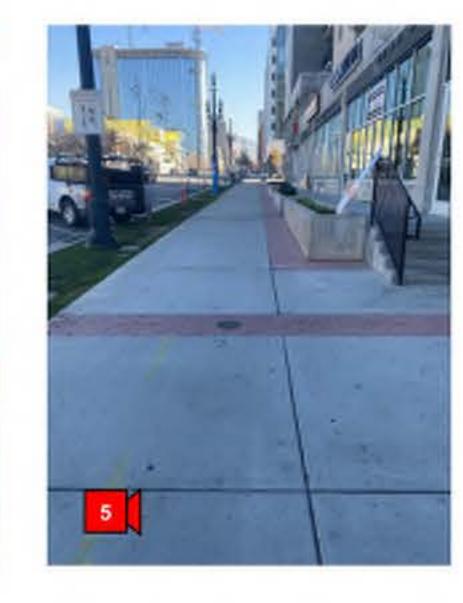


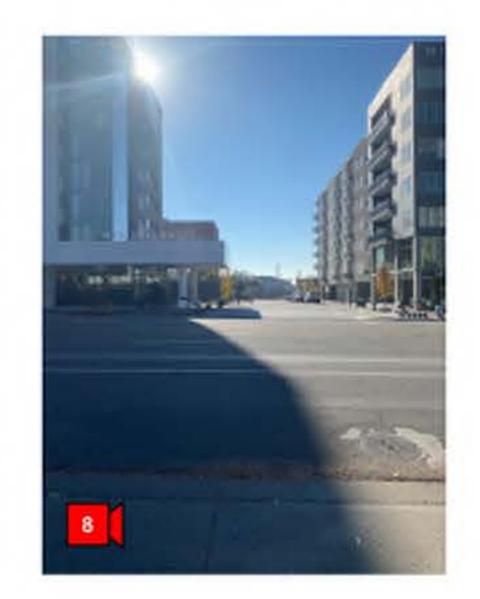


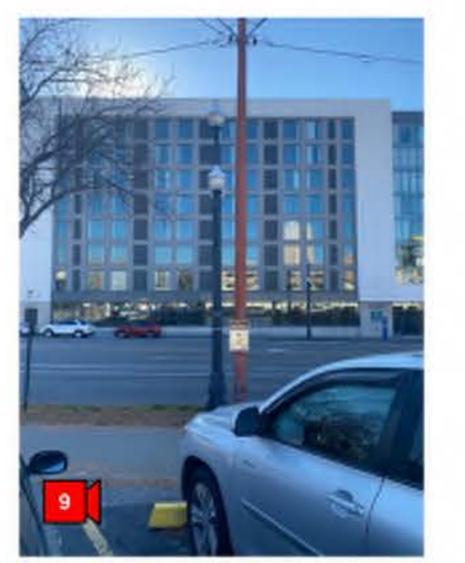


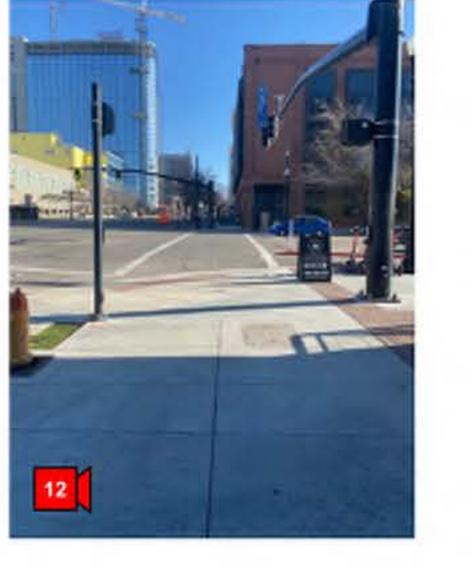










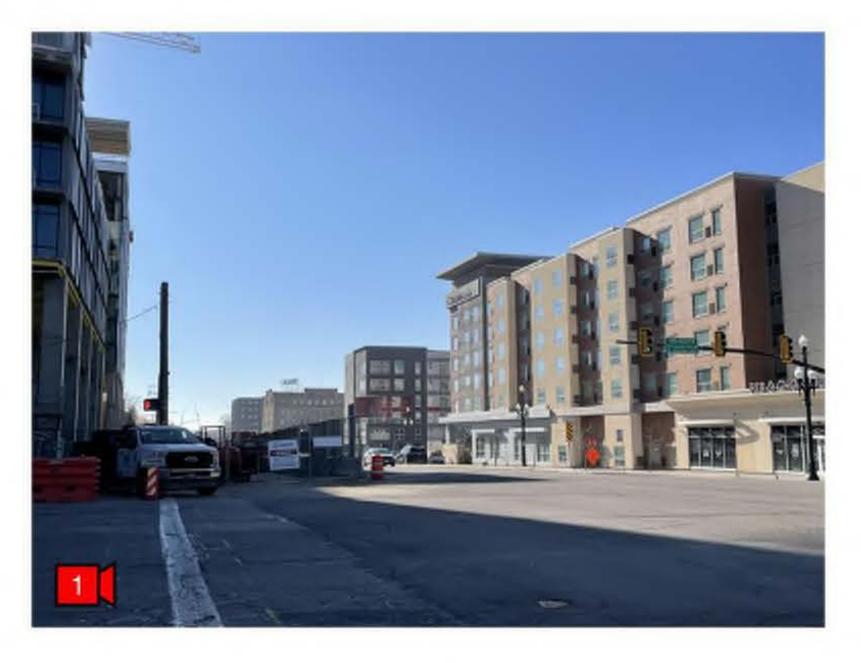


360 WEST 300 SOUTH UNIT 102 SALT LAKE CITY, UT 84101 PHONE: 385.273.3888 dwelldesignstudio.com

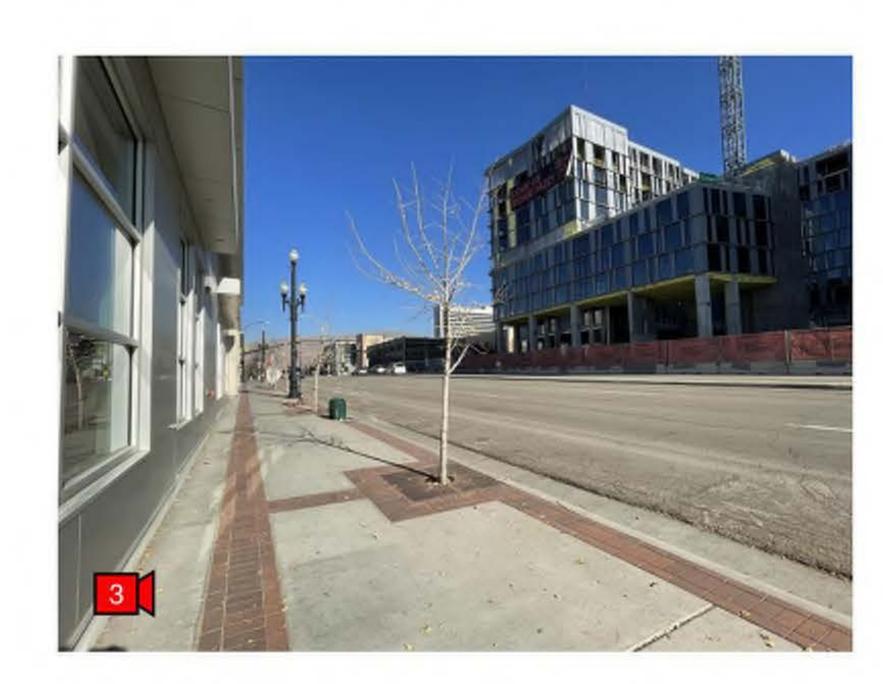
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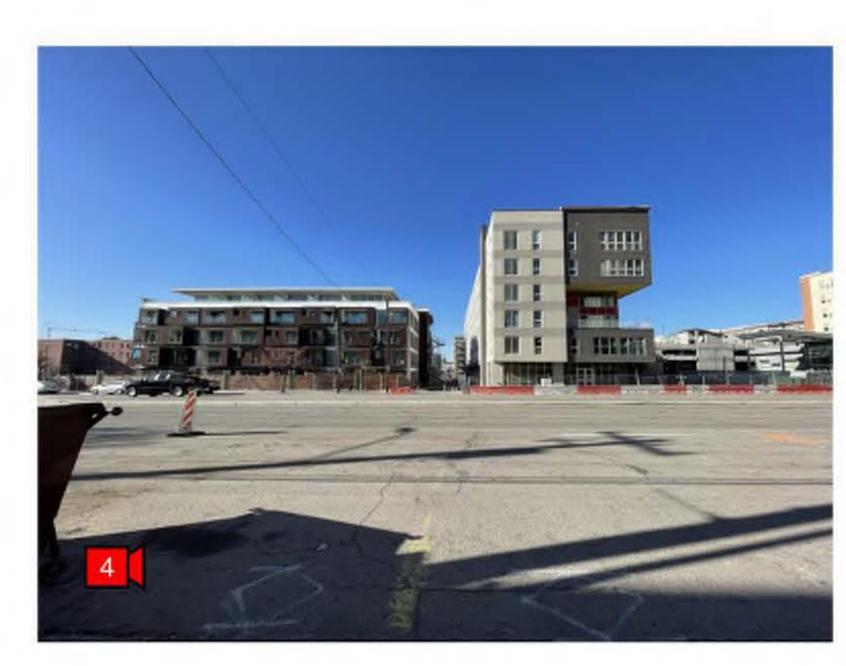
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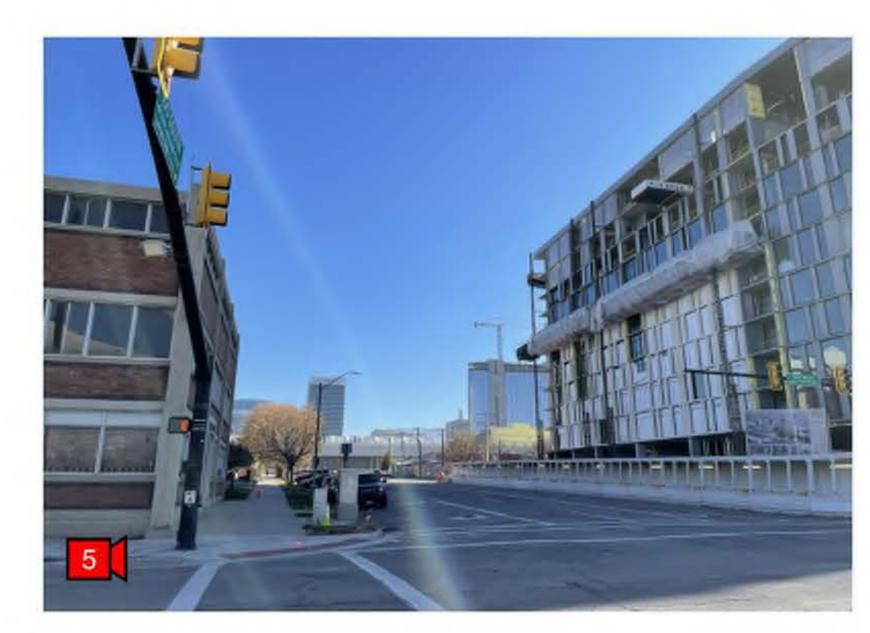


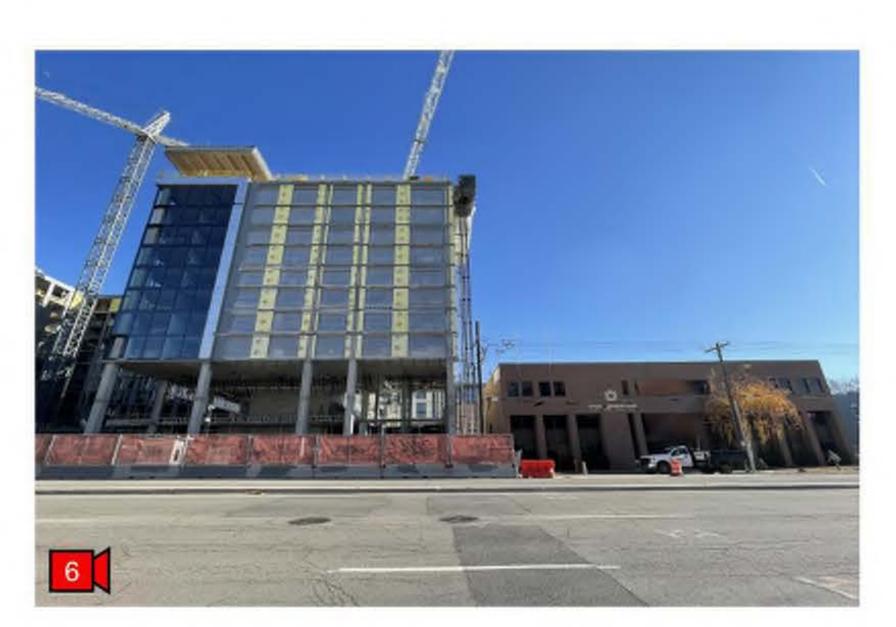


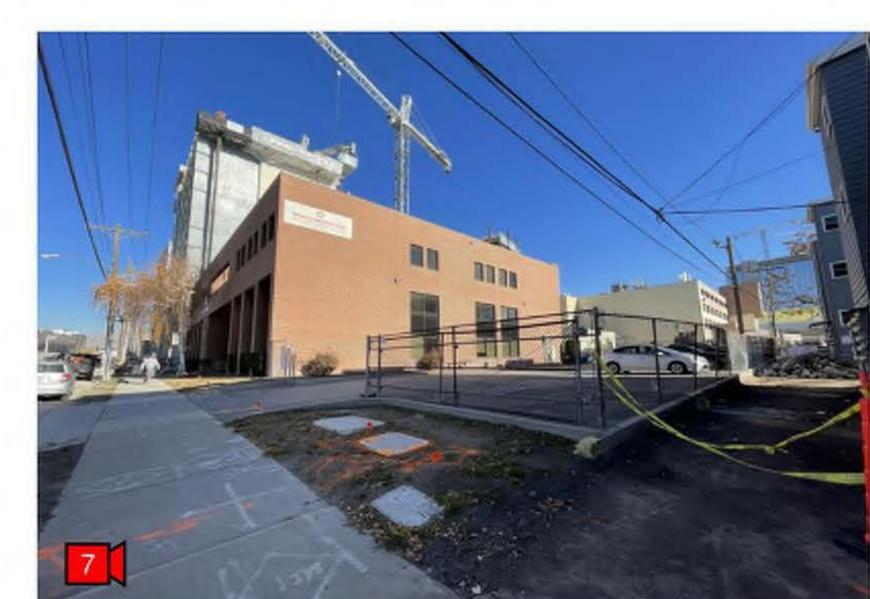


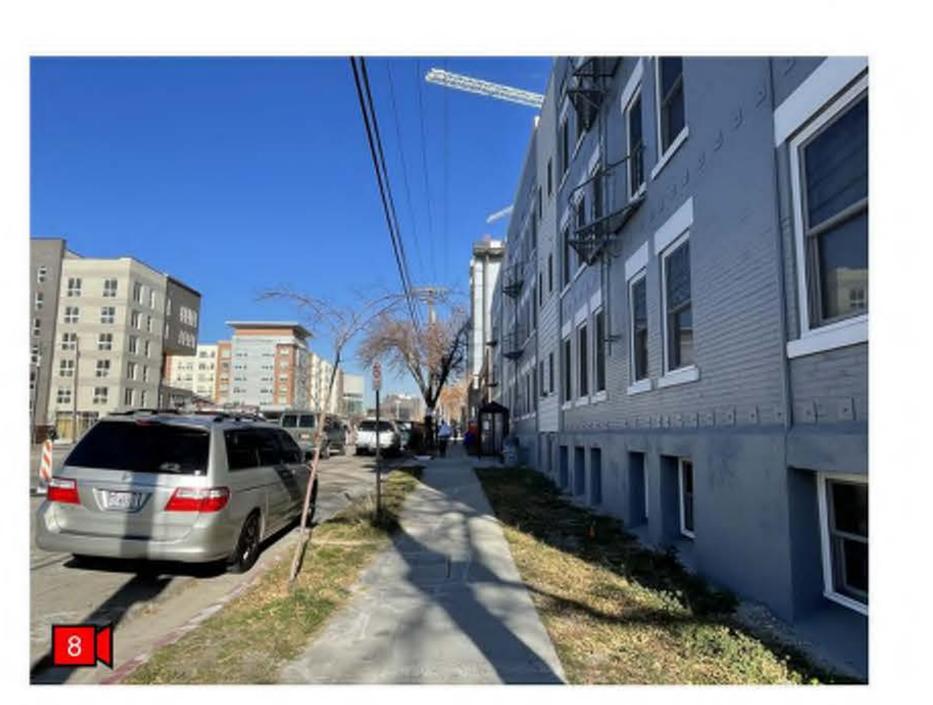














WEST QUARTER - BLOCK C

ISSUE

DATE DESCRIPTION INCL

09/10/2021 SCHEMATIC DESIGN

11/19/2021 DESIGN DEVELOPMENT

12/30/2021 50% CONSTRUCTION DOCUMENTS

DISCLAIMER:
THIS DEBANNICA AND ASSOCIATED DOCUMENTS ARE THE EXCLUSIVE

SURROUNDING
SITE CONTEXT
- 300 WEST

DESIGN REVIEW SUBMITTAL

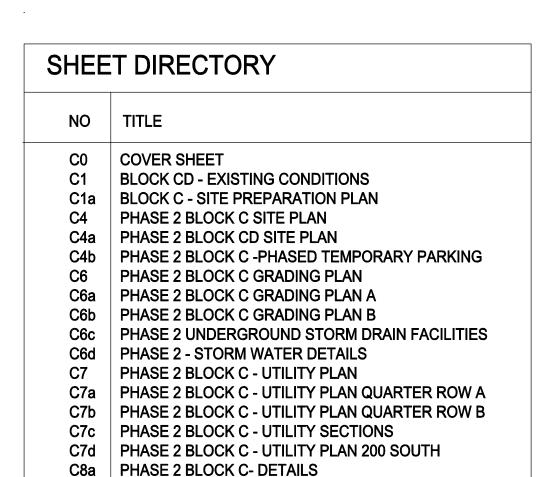
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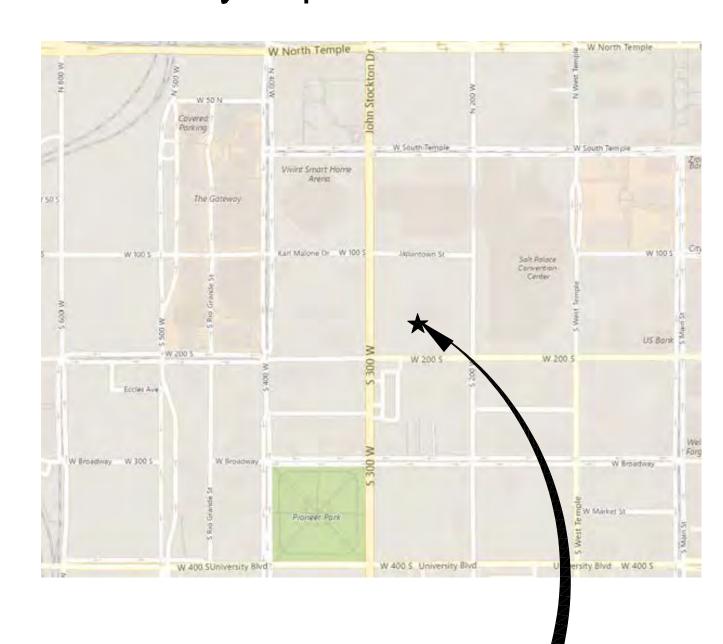
THE RITCHIE GROUP / BLOCK 67 PHASE 2

260 WEST 200 SOUTH, SALT LAKE CITY, UTAH

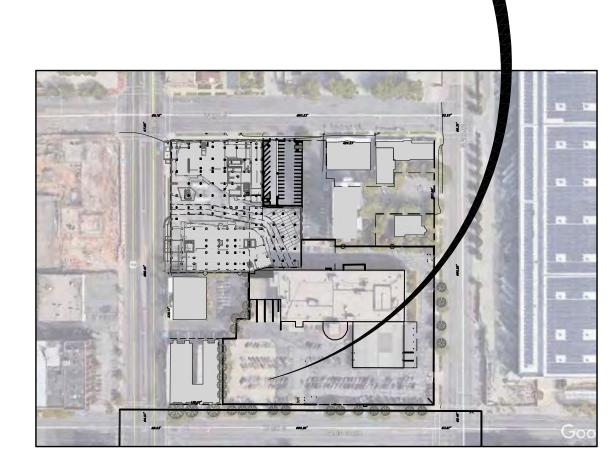


Vicinity Maps

PHASE 2 BLOCK C- DETAILS



PROJECT SITE



1. STANDARD NOTES 1. ALL CONSTRUCTION SHALL CONFORM TO CITY STANDARDS AND TO APPLICABLE UTILITY

DISTRICT STANDARDS. 2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES. OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES, WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN

3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES. STRUCTURES AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER AND OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR. 4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.

5. CONTRACTORS ARE RESPONSIBLE FOR ALL OSHA REQUIREMENTS ON THE PROJECT SITE. 6. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION. 7. ALL CITY MAINTAINED UTILITIES INCLUDING; WATERLINE, FIRE HYDRANTS, STREETLIGHT WIRING, AND STORM DRAIN MUST BE IN PUBLIC RIGHT OF WAY OR RECORDED IN FASEMENTS. 8. CONTRACTOR TO FOLLOW SALT LAKE CITY NOISE ORDINANCE STANDARDS 9. CURB, GUTTER, AND SIDEWALK, FOUND TO BE UNACCEPTABLE TO THE CITY SHALL BE

10. THE CONTRACTOR SHALL TAKE REASONABLE MEASURES TO PROTECT EXISTING IMPROVEMENTS FROM DAMAGE AND ALL SUCH IMPROVEMENTS DAMAGED BY THE CONTRACTORS OPERATION SHALL BE REPAIRED OR RECONSTRUCTED TO THE ENGINEER'S SATISFACTION AT THE EXPENSE OF THE CONTRACTOR

1. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS.

12. ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE SOILS ENGINEER AND APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS. 13. EXACT LOCATION OF ALL SAWCUT LINES MAY BE ADJUSTED OR DETERMINED IN THE FIELD BY A CITY ENGINEER IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATION. 14. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING

PERMANENT SURVEYING MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS AT THE SALT LAKE COUNTY SURVEYORS OFFICE. 15. UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY AND THE CITY ENGINEER. 16. ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN ON CIVIL PLANS FOR THE PURPOSE OF REVIEWING GRADING RELATIONSHIPS; FLOOD CONTROL AND SIGHT DISTANCE AT INTERSECTIONS. ALL WALLS SHALL HAVE A MINIMUM 2 FT X 2 FT X 30 INCH DEEP SPOT FOOTINGS. BOTTOM OF

ALL FOOTINGS ON ALL WALLS SHALL BE A MINIMUM OF 30 INCHES BELOW FINISHED GRADE. WALLS GREATER THAN 6 FEET REQUIRE A SEPARATE PERMIT AND INSPECTION BY THE BUILDING 17. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT OF WAY. 18. CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS,

AND SEWER CLEAN OUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE 19. APPLICATION FOR INSPECTION BY THE CITY ENGINEERING DEPT. SHALL BE MADE BY THE CONTRACTOR AT LEAST 48 HOURS BEFORE THE INSPECTION SERVICES WILL BE REQUIRED. 20. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE PROSECUTED TO COMPLETION WITHOUT

DELAY AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE 21. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK IN CONNECTION

22. CONTRACTOR TO CONTACT BLUE STAKES FOR MARKING OF EXISTING UTILITIES PRIOR TO PERFORMING ANY EXCAVATION 23. AFFECTED UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. 24. EXISTING UTILITIES ARE LOCATED ON PLANS FOR THE CONVENIENCE OF THE CONTRACTORS

ONLY. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF UTILITIES AND THE ENGINEER BEARS NO RESPONSIBILITY FOR LITHTIES NOT SHOWN ON THE PLANS OR NOT IN THE LOCATION SHOWN ON THE PLANS. THIS INCLUDES ALL SERVICE LATERALS OF ANY 25. POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO THE CITY.

POWER POLES ARE TO BE RELOCATED AND BURIED. 26. MODIFICATIONS TO EXISTING UTILITIES SHALL CONFORM TO THE OWNER'S UTILITY STANDARDS AND SPECIFICATIONS 27. PROTECTION AND REPLACEMENT OF SURVEY MONUMENTS OR PROPERTY STAKES NOT DELINEATED ON THE CONTRACT DRAWINGS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. REPLACEMENT OF SURVEY MONUMENTS OR PROPERTY STAKES SHALL BE DONE TO SALT LAKE

28. ALL STATIONING IS REFERENCED TO CENTERLINE

1. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER AND CITY ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.

2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN. 3. CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION. ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION. 4. THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR. 5. THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.

6. CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON PLANS. 7. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED 8. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER FROM THE

9. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION. 10. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEMS ARE REQUIRED THAT ARE NOT SHOWN ON THESE DRAWINGS, THE DEVELOPER AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

CITY WATER DEPARTMENT.

1. ALL CONSTRUCTION SHALL COMPLY WITH SEWER DISTRICT'S DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS. 2. CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND INVERT ELEVATIONS OF EXISTING MANHOLES AND OTHER UTILITIES BEFORE STAKING OR CONSTRUCTING ANY NEW SEWER LINES. 3. FOUR FEET OF COVER (MINIMUM) IS REQUIRED OVER ALL SEWER LINES.

1. ALL WORK IN THE PUBLIC WAY SHALL CONFORM TO APWA 2012 STANDARD PLANS AND SPECIFICATIONS. 2- THE CURB AND GUTTER SHALL BE CONSTRUCTED AS PER APWA 205A, AND 251 OR 3- ALL UTILITY TRENCH WORK IN THE PUBLIC WAY SHALL BE CONSTRUCTED AS PER 4- ALL SIDEWALK WORK DONE IN THE PUBLIC WAY SHALL BE CONSTRUCTED AS PER 5- THE DRIVE APPROACH SHALL BE CONSTRUCTED AS PER APWA 225. 6- PRIOR TO OCCUPANCY PERMIT BEING ISSUED, ALL TRIP HAZARDS ON THE PUBLIC SIDEWALK MUST BE REMOVED. 7- PRIOR TO BEGINNING ANY WORK IN THE PUBLIC WAY, A LICENSED, BONDED AND INSURED CONTRACTOR MUST FIRST OBTAIN A PUBLIC WAY PERMIT FROM THE SLC ENGINEERING PERMITS OFFICE. AND MAY ALSO NEED A TRAFFIC CONTROL PERMIT FROM

SALT LAKE CITY PUBLIC UTILITIES GENERAL NOTES -UPDATED 6/27/18

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

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:

BACKFLOW PREVENTION -483-6795 DEVELOPMENT REVIEW ENGINEERING -483-6781 INSPECTIONS, PERMITS, CONTRACTS & AGREEMENTS -483-6727 PRETREATMENT -799-4002 STORM WATER -483-6721

WRITING BY THE SALT LAKE CITY DIRECTOR OF PUBLIC UTILITIES.

ENGINEERING - PUBLIC WAY PERMITS AND ISSUES -535-6248 ENGINEERING - SUBDIVISIONS -535-6159 FIRE DEPARTMENT -535-6636 PERMITS AND LICENSING (BLDG SERVICES) -535-7752

PLANNING AND ZONING -535-7700 TRANSPORTATION -535-6630 ALL OTHER POTENTIALLY IMPACTED GOVERNING AGENCIES OR ENTITIES

ALL WATER USERS INVOLVED IN WATER MAIN SHUTDOWNS APPLICABLE SEWER. WATER AND DRAINAGE DISTRICTS BLUESTAKES LOCATING SERVICES -532-5000

COUNTY FIRE DEPARTMENT -743-7231

COUNTY FLOOD CONTROL -468-2779 COUNTY HEALTH DEPARTMENT -385-468-3913

COUNTY PUBLIC WAY PERMITS -468-2241 SALT LAKE COUNTY HIGHWAY DEPARTMENT -468-3705 OR 468-2156 THE UTAH TRANSIT AUTHORITY FOR RE-ROUTING SERVICE -262-5626

UNION PACIFIC RAILROAD CO., SUPERINTENDENTS OFFICE -595-3405 UTAH DEPARTMENT OF TRANSPORTATION, REGION #2 -975-4800 UTAH STATE ENGINEER -538-7240

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 NGINEERING OR SALT LAKE COUNTY REGULATIONS AS APPLICABLE FOR WORKING WITHIN THE

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 (535-6248) 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

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 330520 -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

6. 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.

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. DEPENDING ON THE LOCATION OF THE PROJECT; CONTACT THE COUNTY SURVEYOR FOR SECTION CORNER MONUMENTS (801-468-2028) AND/OR THE SALT LAKE CITY SURVEYOR (801-535-7973) FOR SALT LAKE CITY MONUMENTS AND CONSTRUCTION REQUIREMENTS. ALL ELEVATIONS SHALL BE REFERENCED TO SALT LAKE CITY DATUM UNLESS NOTED OTHERWISE ON THE PLANS.

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.

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

11. DUST CONTROL

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

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.

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 FACILITIES.

CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING AND AVOIDING ALL UTILITIES AND SERVICE LATERALS, AND FOR REPAIRING ALL DAMAGE THAT OCCURS TO THE UTILITIES 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

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.

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 SIC 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.

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 UTILITIES (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 UTILITIES (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

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 BOXES 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

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 THE SEWER MAIN 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 ONSITE 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 SHALL BE AS PER SLC PUBLIC UTILITIES, "UTILITY INSTALLATION DETAIL."

ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST CURRENT SALT LAKE CITY STANDARDS AND N.E.C. (NATIONAL ELECTRICAL CODE. A STREET LIGHTING PLAN SHOWING WIRING LOCATION, WIRING TYPE, VOLTAGE, POWER SOURCE LOCATION, CONDUIT SIZE AND LOCATION SHALL BE SUBMITTED TO SALT LAKE CITY AND BE APPROVED PRIOR TO CONSTRUCTION. NO DEVIATION OF STREETLIGHT, PULL BOXES, CONDUITS, AND ETC. LOCATIONS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL FROM THE STREET LIGHTING PROGRAM MANGER OR HIS/HER REPRESENTATIVE.

STREETLIGHT POLES SHALL NOT BE INSTALLED WITHIN 5 FEET OF A FIRE HYDRANT. THE LOCATION SHALL BE SUCH THAT IT DOES NOT HINDER THE OPERATION OF THE FIRE HYDRANT

STREETLIGHTS AND STREETLIGHT POLES SHALL NOT BE INSTALLED WITHIN 5 FEET FROM ANY TREE, UNLESS WRITTEN APPROVAL IS RECEIVED FROM THE STREET LIGHTING PROGRAM MANAGER. BRANCHES MAY NEED TO BE PRUNED AS DETERMINED BY THE INSPECTOR IN THE FIELD AT THE TIME OF INSTALLATION.

STREETLIGHTS SHALL NOT BE INSTALLED WITHIN 5 FEET FROM THE EDGE OF ANY DRIVEWAY. ANTI-SEIZE LUBRICANT SHALL BE USED ON ALL COVER BOLTS AND GROUND BOX BOLTS. ALL EXISTING STREET LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION UNLESS APPROVED IN WRITING BY THE STREET LIGHTING PROGRAM MANAGER.

IF APPROVED PLANS REQUIRE REMOVAL OF STREETLIGHT POLES DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE POLES WHILE THEY ARE DOWN. THE POLES SHALL BE STORED IN A SECURE LOCATION AND RAISED OFF THE GROUND. PICTURES SHALL BE TAKEN BEFORE THE POLES ARE REMOVED TO DOCUMENT THE CONDITION OF THE POLES BEFORE THEY WERE REMOVED. PICTURES SHALL BE SENT TO THE CITY. CONTRACTOR SHALL ENSURE THE POLES ARE IN SIMILAR CONDITION WHEN RESTORED TO THEIR ORIGINAL

IF THE APPROVED PLANS REQUIRE PERMANENT REMOVAL OF STREETLIGHT POLES THE CONTRACTOR SHALL COORDINATE SALVAGE AND/OR DISPOSAL OF POLES, FIXTURES, AND LIGHTS WITH THE STREET LIGHTING PROGRAM MANAGER.

ANY STRUCTURE SUCH AS BLOCK WALLS, CHAIN LINK FENCES, RETAINING WALLS, ETC. SHALL LEAVE A MINIMUM OF EIGHTEEN (18) INCHES TO THE FACE OF THE STREETLIGHT POLE ON ALL

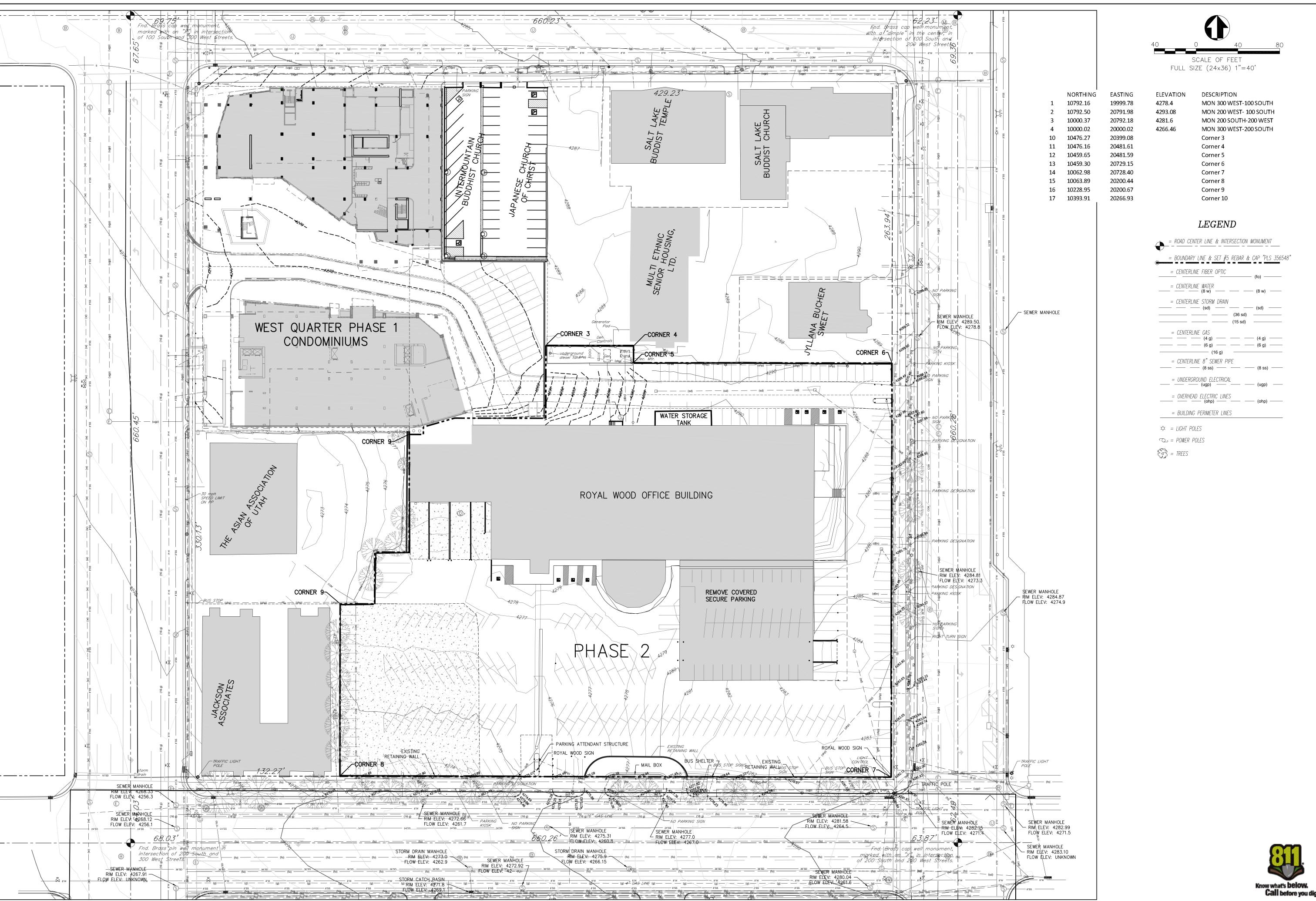
ALL SERVICE POINTS SHALL BE COORDINATED WITH ROCKY MOUNTAIN POWER AND WHENEVER POSSIBLE BE LOCATED NEAR THE CENTER OF THE CIRCUIT. SERVICE POINTS SHALL BE SHOWN ON THE PLANS WITH A SCHEMATIC FROM ROCKY MOUNTAIN POWER. POLE LOCATIONS AS SHOWN ON THE APPROVED PLANS MAY BE ADJUSTED IN THE FIELD BY THE STREET LIGHTING PROGRAM MANAGER AT THE TIME OF INSTALLATION AT NO ADDITIONAL COST TO THE CITY.

IT SHALL BE REQUIRED THAT IN THE ABSENCE OF AN EXISTING WORKABLE CIRCUIT TO ATTACH TO, THAT ALL INSTALLATIONS SHALL REQUIRE A NEW SERVICE FOR OPERATION OF THE CIRCUITS. IN THIS CASE THE DEVELOPER AND OR HIS ENGINEER SHALL CONTACT ROCKY MOUNTAIN POWER FOR INSTALLATION OF NEW SERVICE.

WHENEVER THERE IS AN OVERHEAD UTILITY THAT MAY CONFLICT WITH THE INSTALLATION OF THE STREETLIGHT CIRCUITS AND/OR STREETLIGHT POLES, THOSE CONFLICTS MUST BE RESOLVED BETWEEN THE DEVELOPER AND THE UTILITIES INVOLVED BEFORE THE STREETLIGHT BASES ARE CONSTRUCTED AT NO EXPENSE TO THE CITY OR ROCKY MOUNTAIN POWER. THE RESOLUTION MUST BE APPROVED BY THE CITY AND ROCKY MOUNTAIN POWER





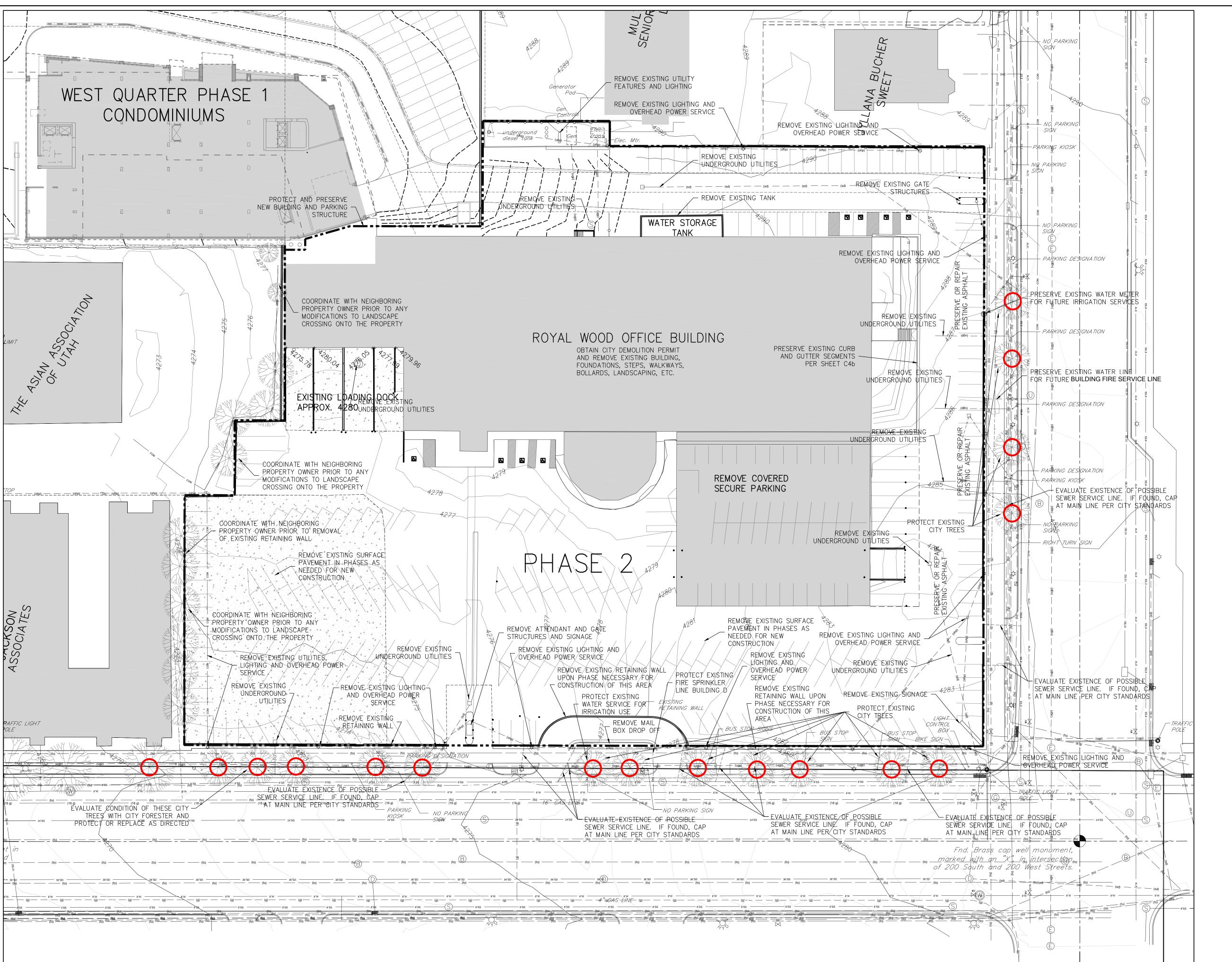


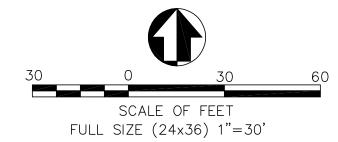


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DWG DATE: JULY 2021

PLOT DATE: 01 April 2022





UTILITIES AND OTHER EXISTING FEATURES ARE SHOWN TO THE EXTENT OF RECORDS AVAILABLE AT THE TIME THE DRAWING WAS PREPARED.

CONTRACTOR SHALL CONTACT BLUESTAKES AND OTHER NECESSARY LOCATING SERVICES TO VERIFY ACTUAL LOCATION OF ALL BURIED FEATURES PRIOR TO DIGGING.

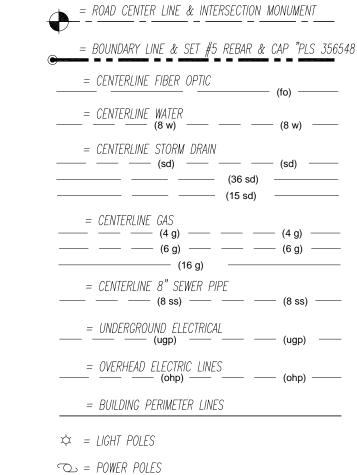
CONTRACTOR SHALL ENSURE THAT ALL UTILITIES ARE DISCONNECTED AND OUT OF SERVICE PRIOR TO DISTURBANCE.

DISTURBANCE OR REMOVAL OF ANY FEATURES IN THE PUBLIC RIGHT OF WAY MAY NOT OCCUR EXCEPT WITH SPECIFIC PERMIT FROM CITY OR UTILITY COMPANY OR FROM UTA

CONSTRUCTION OF THIS SITE WILL OCCUR IN PHASES. SOME FEATURES OF THE EAST PORTION OF THE SITE (SUCH AS SURFACE PAVEMENT, RETAINING STRUCTURES, PARKING LOT LIGHTING, DRAINAGE FEATURES, ETC.) MAY REMAIN UNTIL A FUTURE PHASE.

INSTALL PROTECTION FENCE AROUND EXISTING TREES TO REMAIN IN CITY RIGHT OF WAY PER CITY FORESTER REQUIREMENTS.

LEGEND



TREE PROTECTION ZONE (TPZ) FENCING INSTALL PER CITY FORESTRY REQUIREMENTS

हिंदुई = TREES

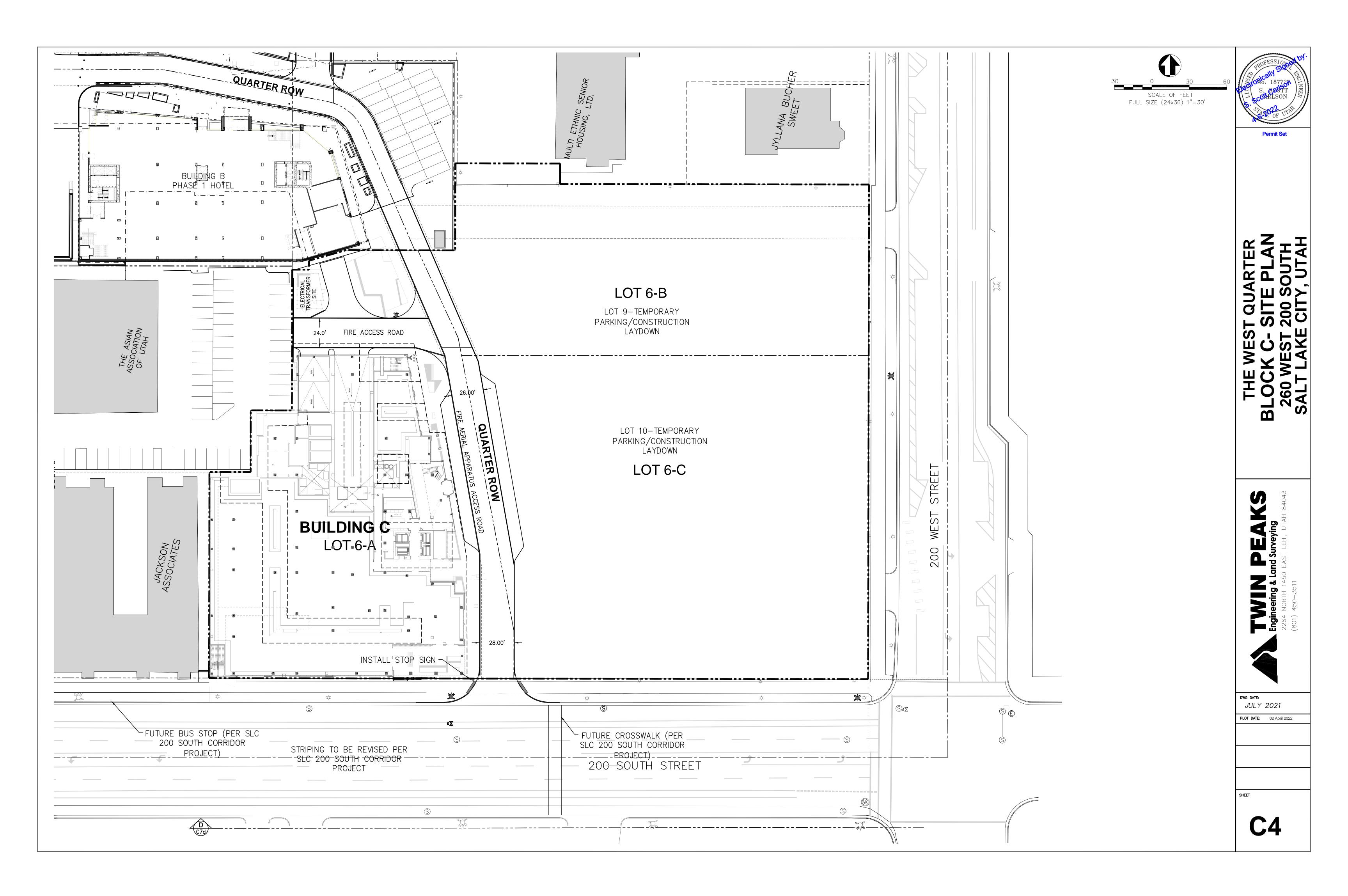
Permit Set

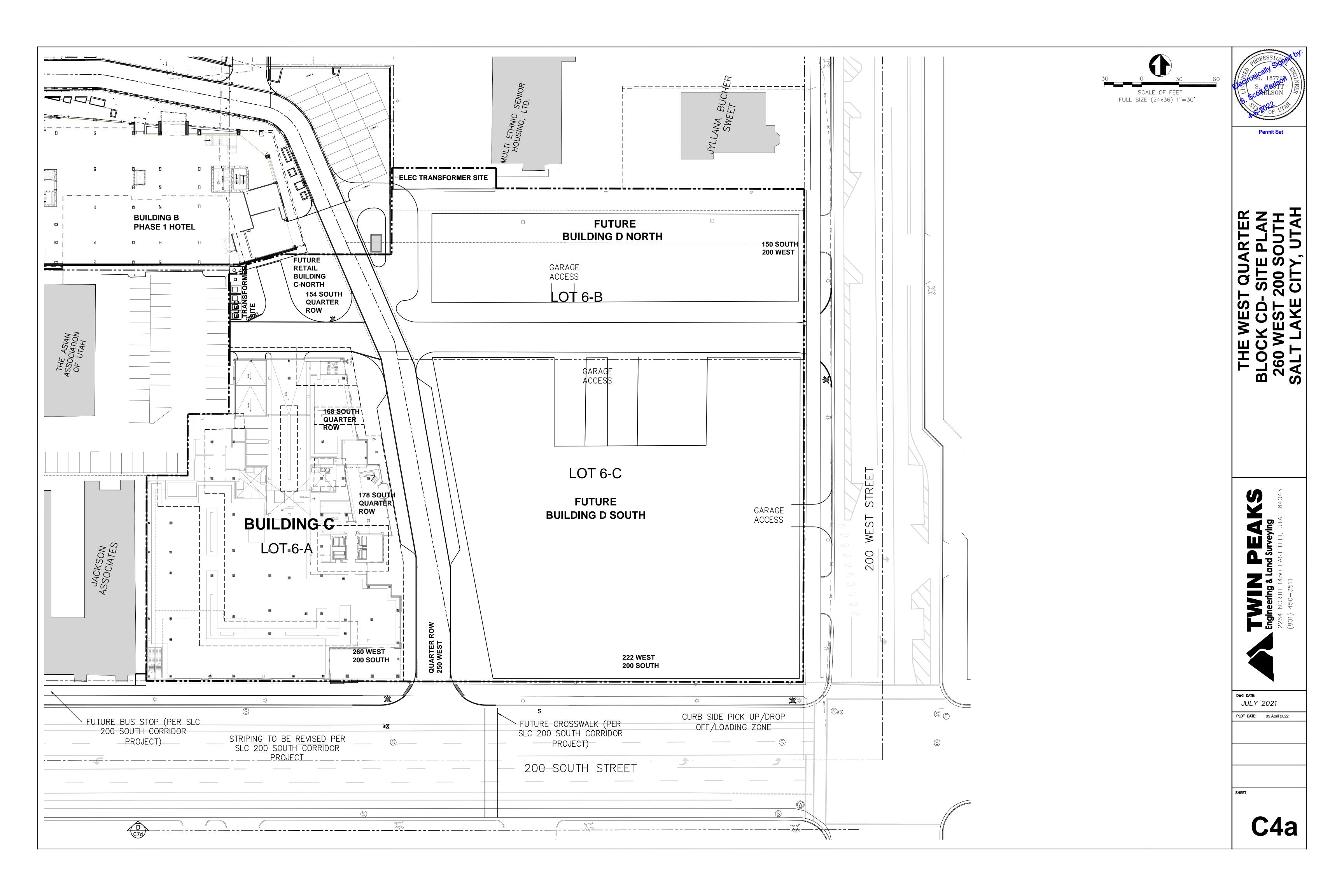
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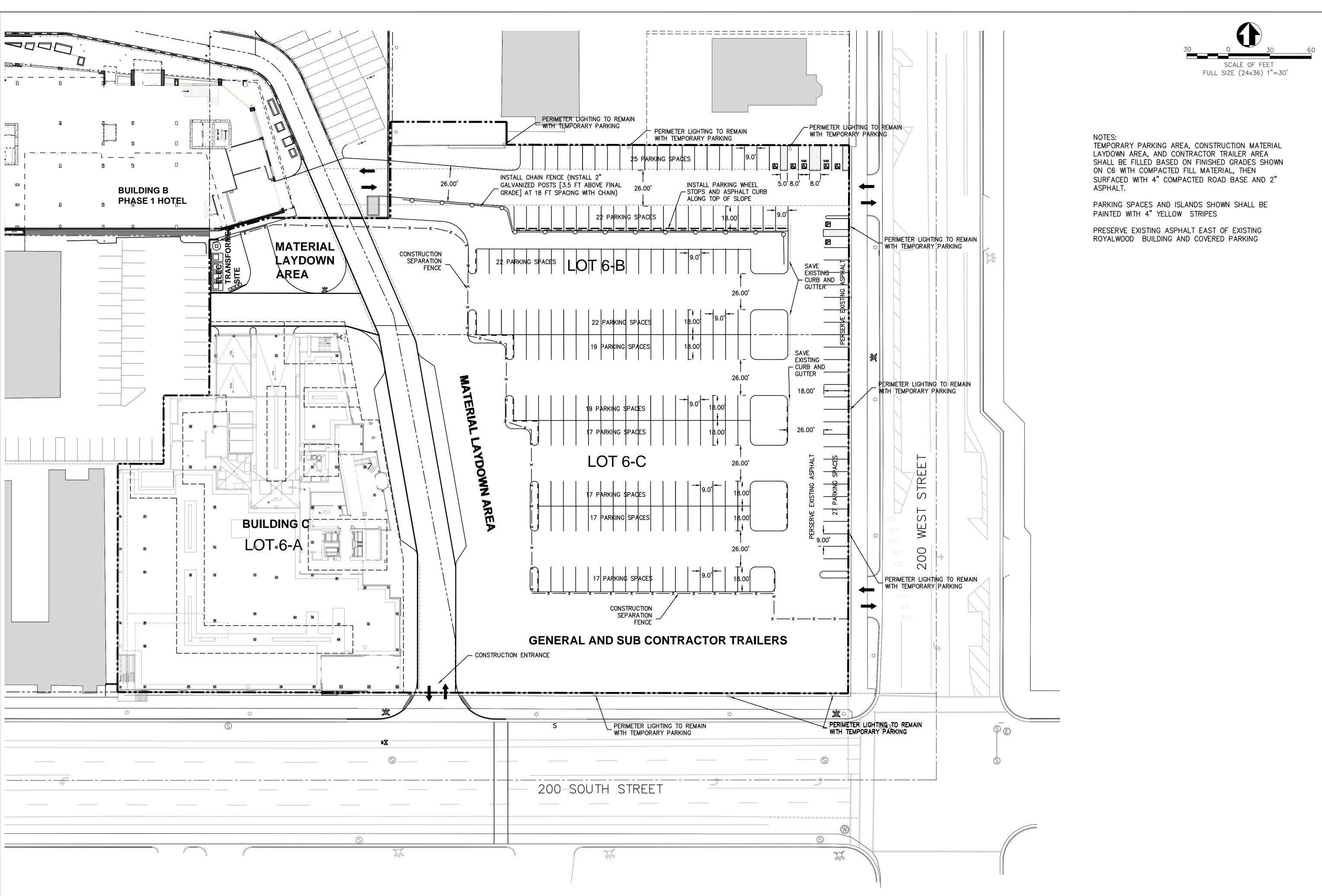
DWG DATE: JULY 2021

PLOT DATE: 02 April 2022

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







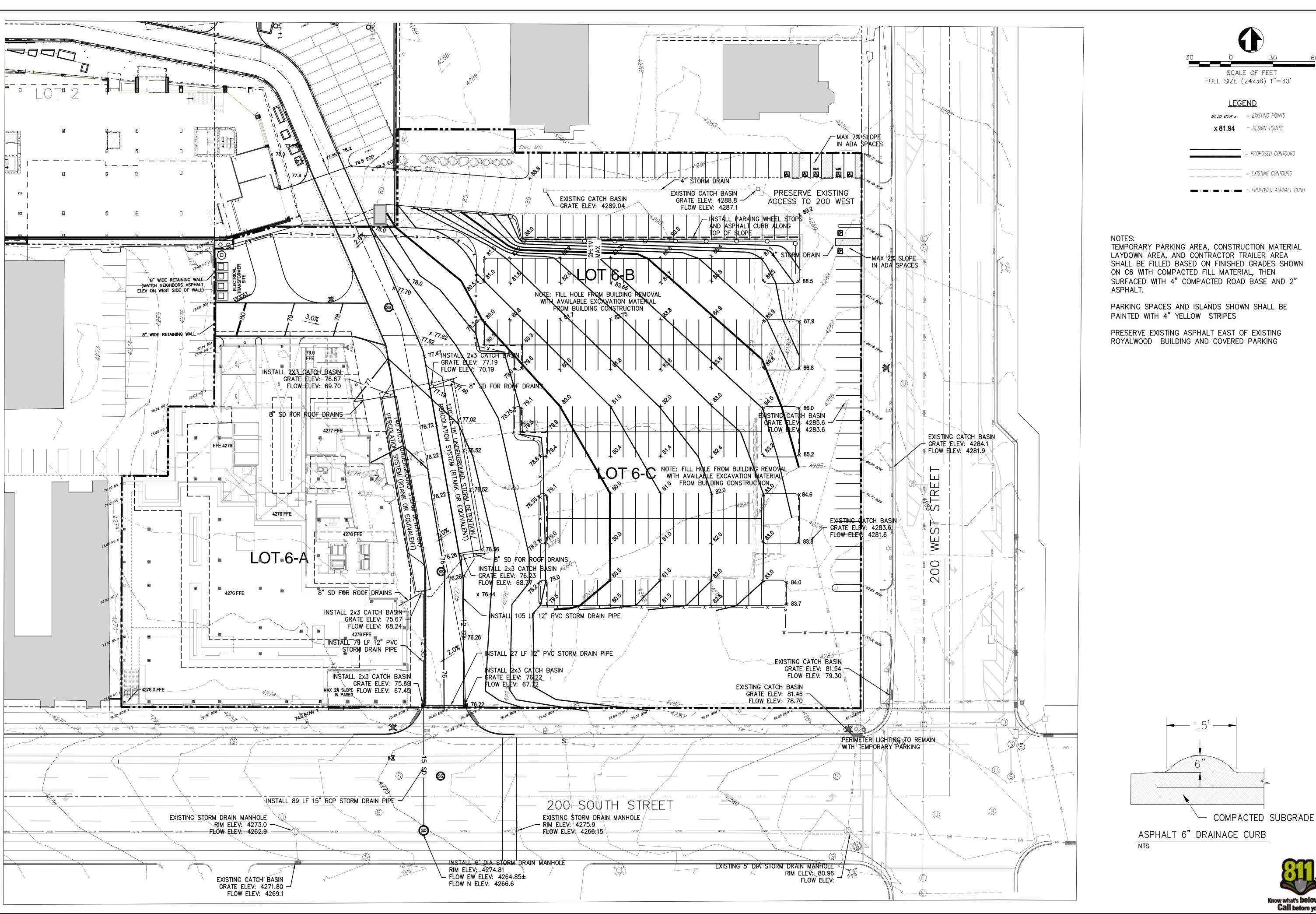


Permit Set

4

DWG DATE: JULY 2021

PLOT DATE: 05 April 2022





Permit Set

<u>LEGEND</u> 81.30 BOW x = EXISTING POINTS

SCALE OF FEET

PROPOSED CONTOURS

__ _ = EXISTING CONTOURS

= PROPOSED ASPHALT CURB

TEMPORARY PARKING AREA, CONSTRUCTION MATERIAL LAYDOWN AREA, AND CONTRACTOR TRAILER AREA SHALL BE FILLED BASED ON FINISHED GRADES SHOWN ON C6 WITH COMPACTED FILL MATERIAL, THEN SURFACED WITH 4" COMPACTED ROAD BASE AND 2"

PARKING SPACES AND ISLANDS SHOWN SHALL BE PAINTED WITH 4" YELLOW STRIPES

PRESERVE EXISTING ASPHALT EAST OF EXISTING ROYALWOOD BUILDING AND COVERED PARKING

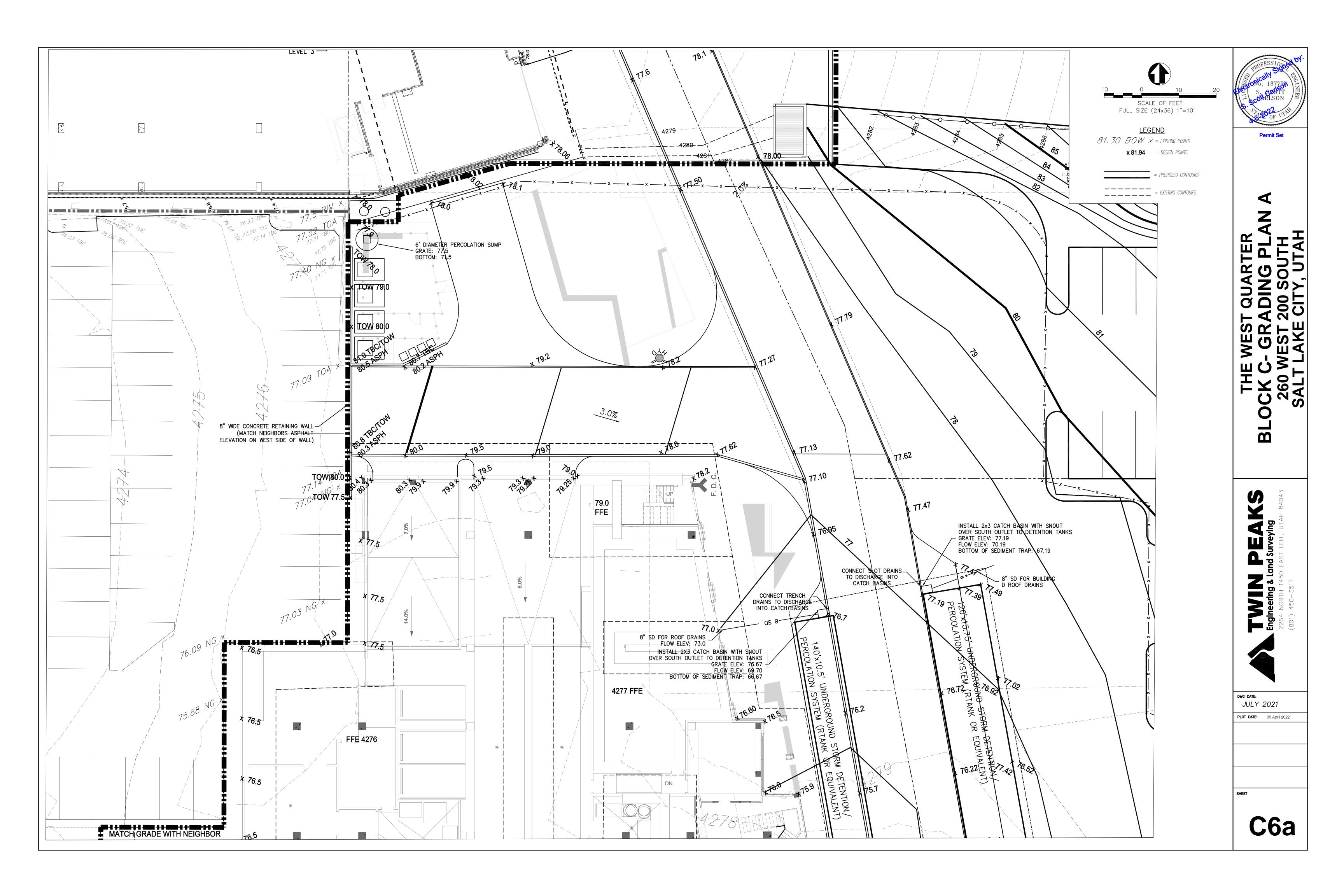
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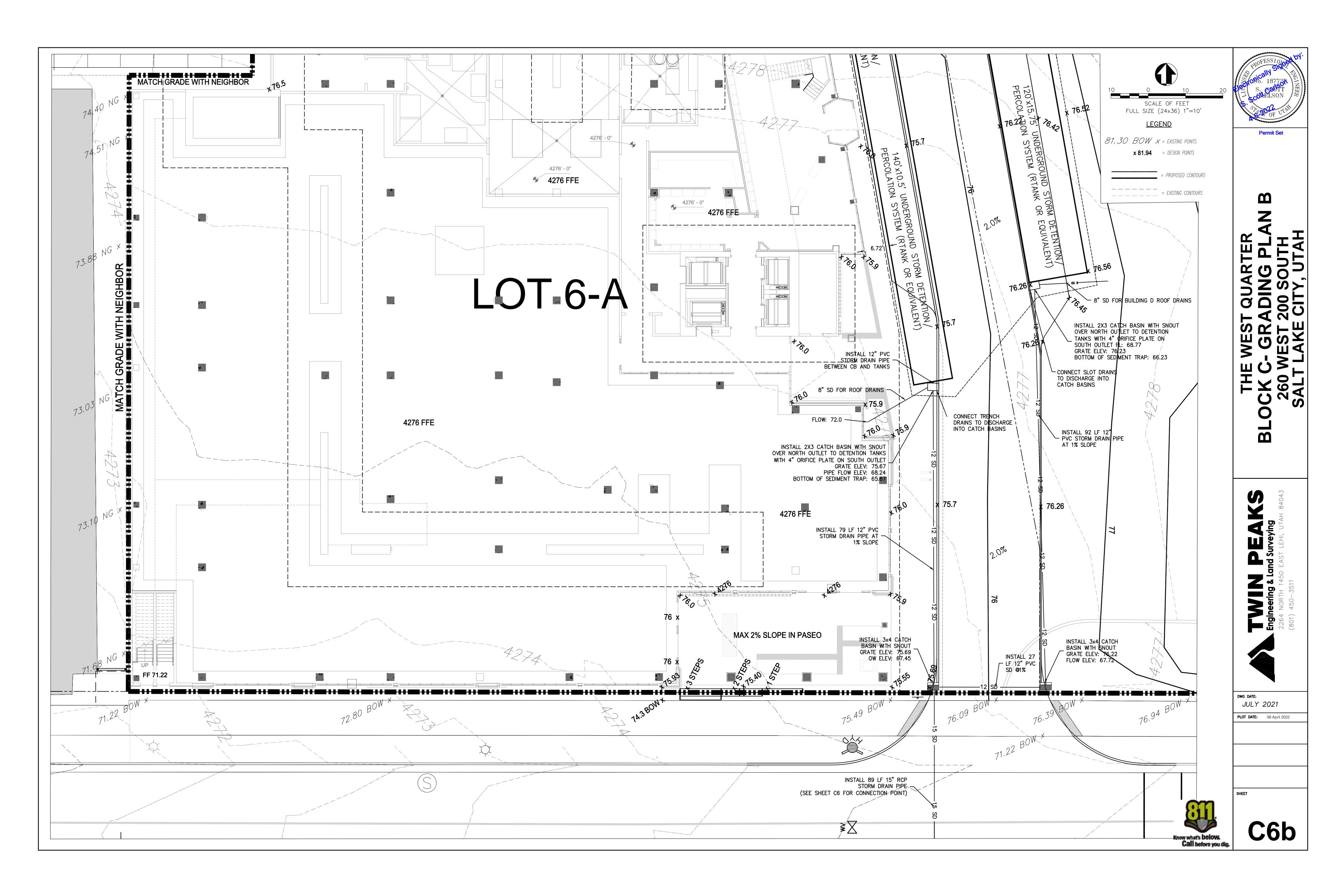


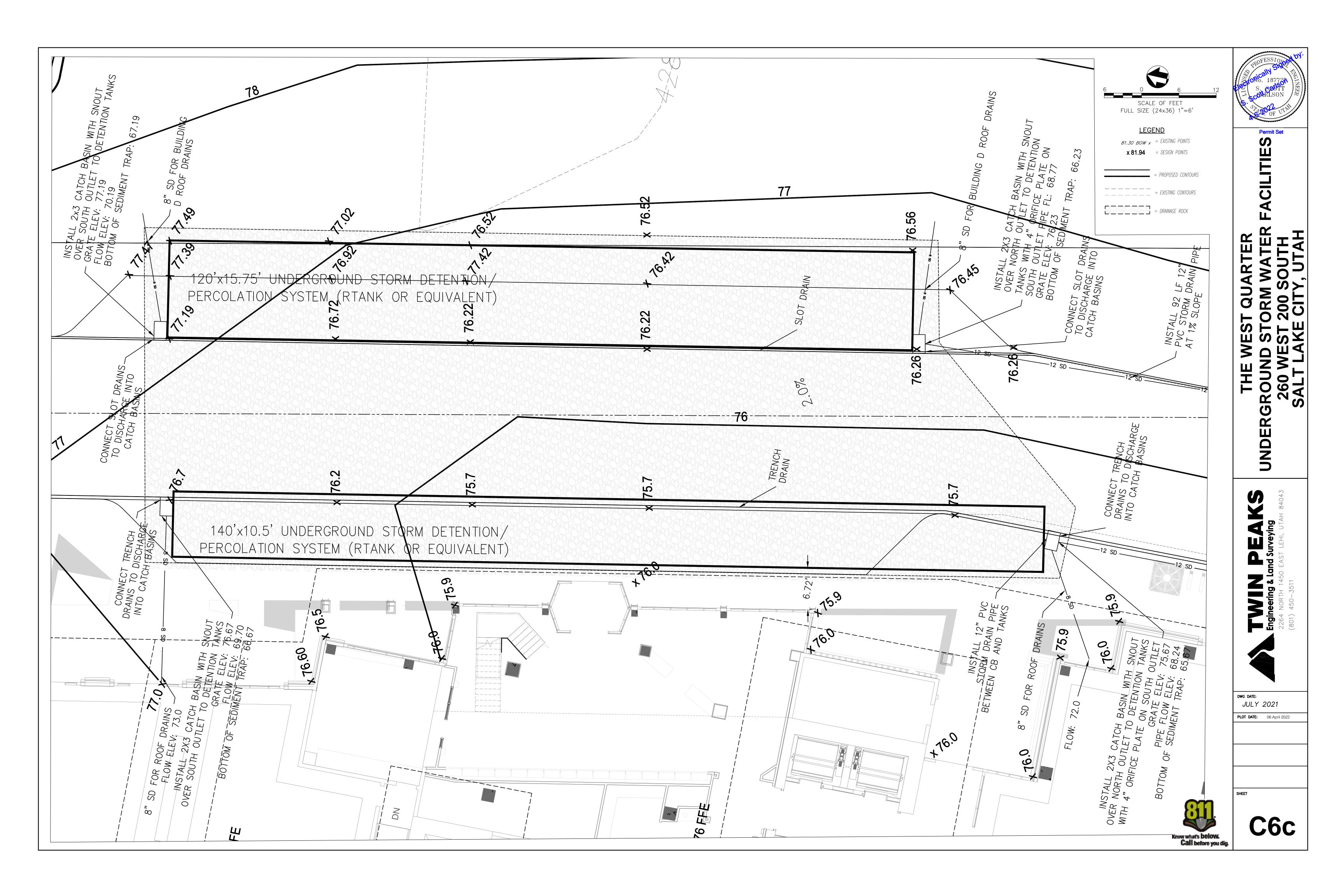
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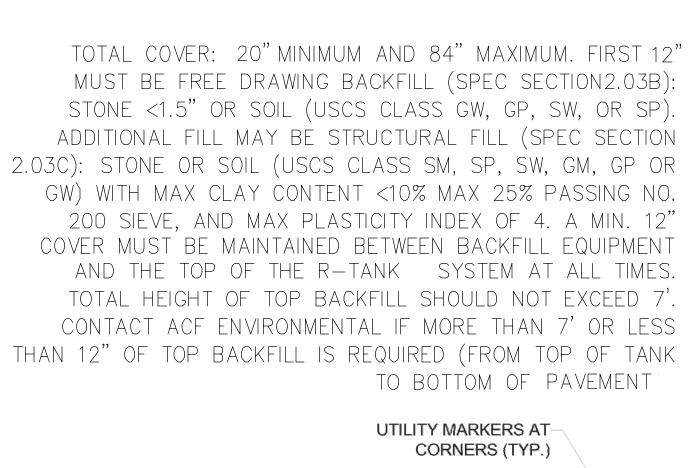
JULY 2021 PLOT DATE: 05 April 2022

Know what's below. Call before you dig







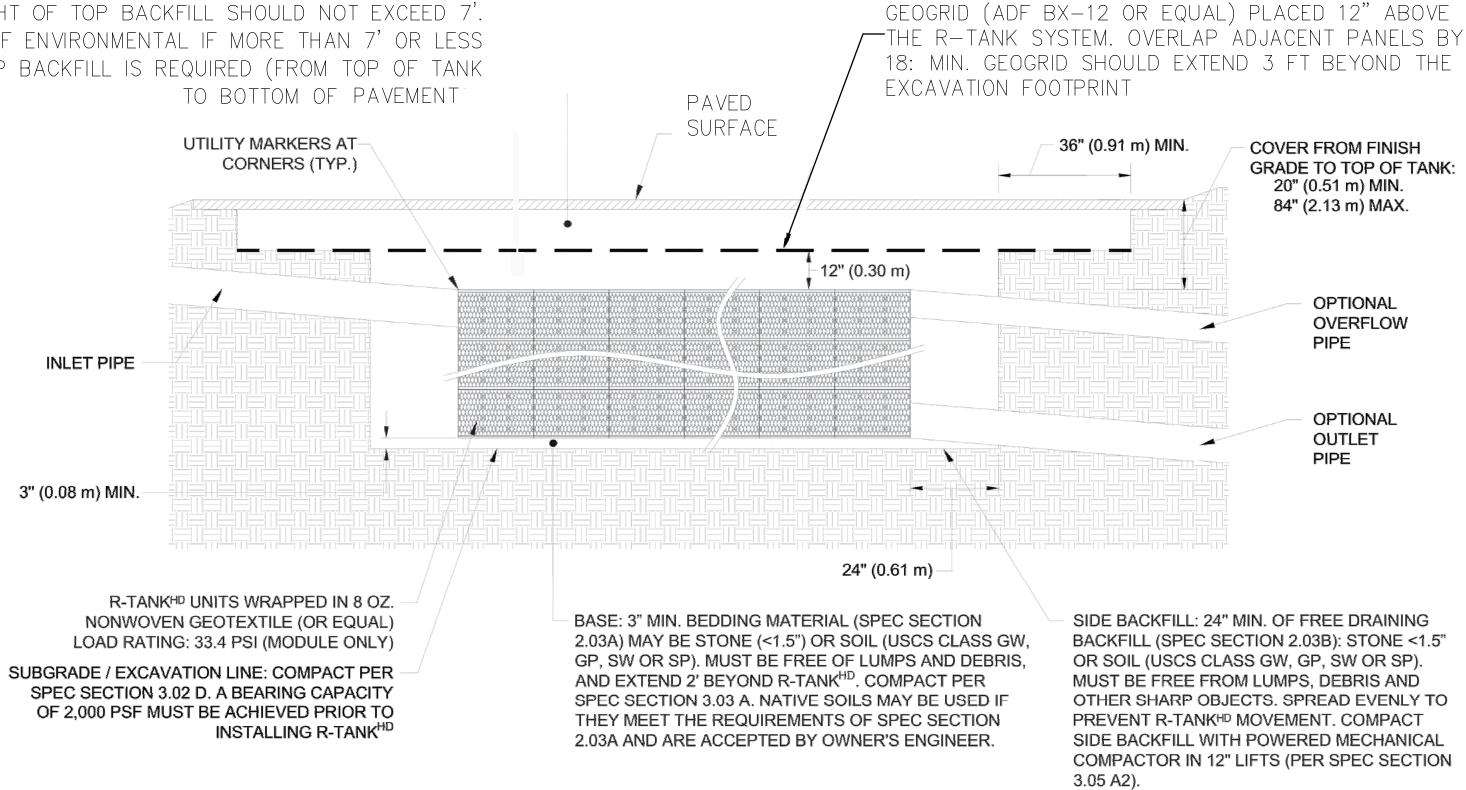


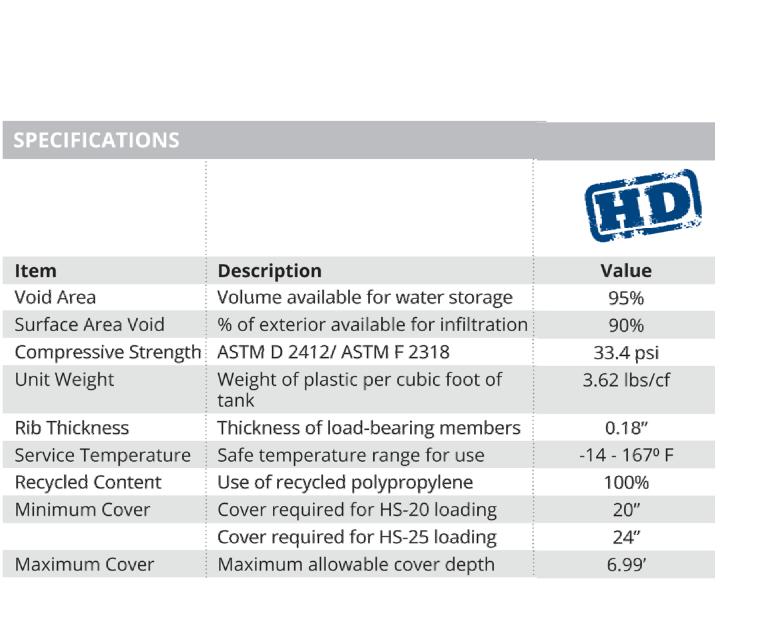
INLET PIPE

NOTES: 1. FOR COMPLETE MODULE DATA, SEE APPROPRIATE R-TANK MODULE SHEET. 2 PRE-TREATMENT STRUCTURES NOT SHOWN. 3. FOR INFILTRATION APPLICATIONS. GEOTEXTILE ENVELOPING R-TANK SHALL BE

AVF M22 (PER SPEC SECTION 2.02A) AND BASE SHALL BE 2' MIN. UNCOMPACTED FREE DRAINING BACKFILL (SPEC SECTION 2.03A) TOO PROVIDE A LEVEL BASE. SURFACE MUST BE SMOOTH, FREE OF LUMPS OR DEBRIS, AND

EXTEND 2' BEYOND R-TANK FOOTPRINT.

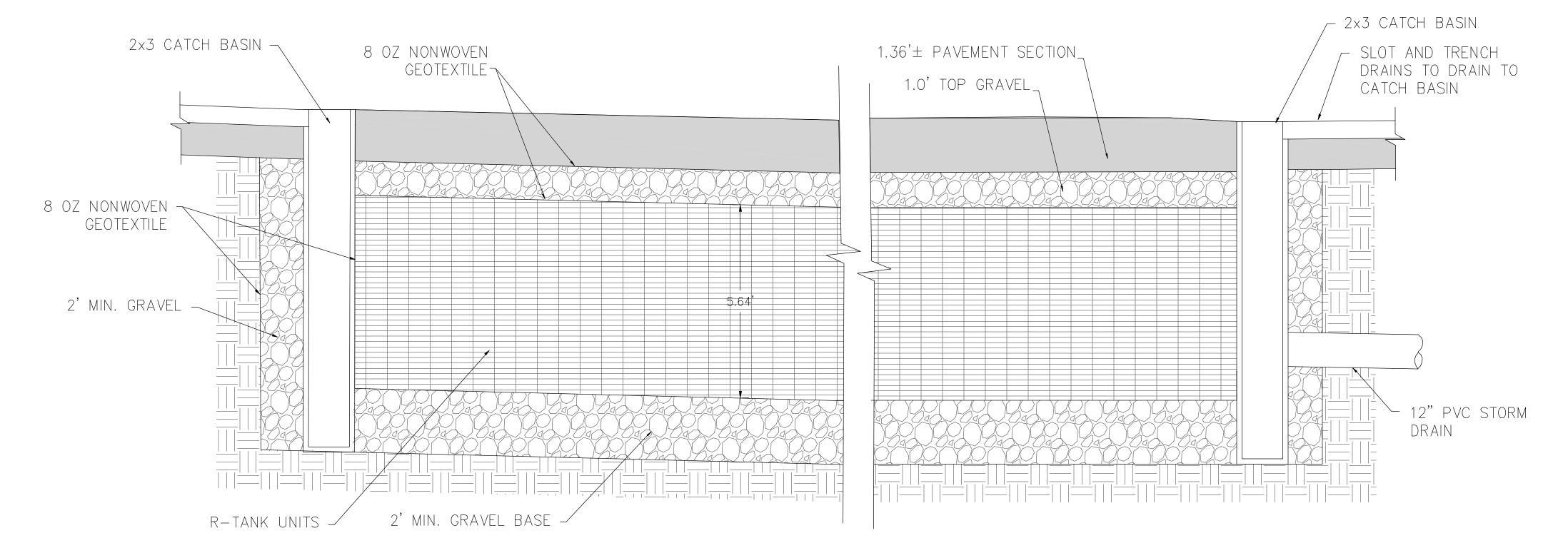




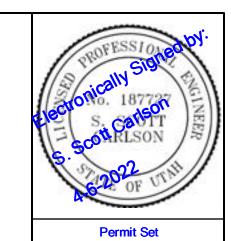
MODULE DATA

GEOMETRY: LENGTH = 28.15 IN. (715 MM) WIDTH = 15.75 IN. (400 MM)

MODULE DRAWING - QUAD

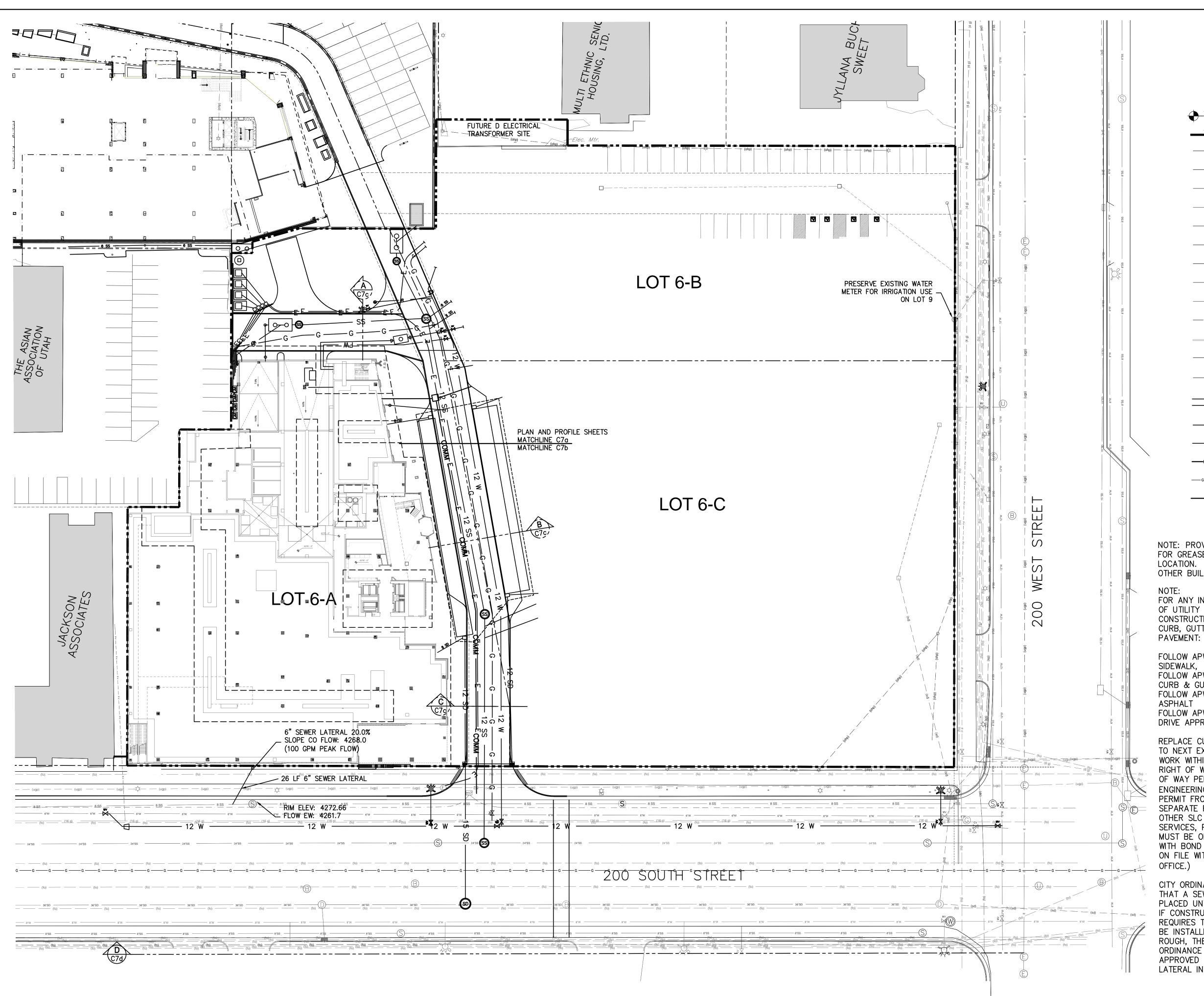


R-TANK DETAILS NTS



DETAIL UNDE

DWG DATE: JULY 2021 PLOT DATE: 06 April 2022





FULL SIZE (24x36) 1"=30'

LEGEND

= ROAD CENTER LINE & INTERSECTION MONUMENT	<a>⟨4⟩ = SEWER MANHOLE NUMBER
= BOUNDARY LINE	V
= SANITARY SEWER	
= 8" SANITARY SEWER, OR SIZE, AS NOTED a"ss = 8"ss	© = ELECTRIC MANHOLE
CTADIA DDAIN	
= STURM DRAIN sb —	S = SANITARY SEWER MANHOLL
8 W	
= SYRINGA SP SP	© = GAS MANHOLE
сом	□ = UTILITY BOX AS LABELED
ueu ueu ueu	- ● = GUY POLE
	₩ = WATER MANHOLE
= OVERHEAD ELECTRIC	GV
= MCI	
= TRAFFIC STRIPING	= FIRE HYDRANT
	w∨ = WATER VALVE
= GAS	☆ = LIGHT POLE
ттт	= POWER POLE
= PROPOSED STORM DRAIN	□ = CATCH BASIN
15 SD15 SD	
= PROPOSED SEWER	= CURB CATCH BASIN
= PROPOSED WATER	□ = SIGN OR FEATURE AS NO
= PROPOSED ELECTRICAL CONDUIT	= ELECTRIC BOX
= PROPOSED GAS 	= GRAVEL DRAINAGE ARE
= PROPOSED COMMUNICATION CONDUITS	
0000	

NOTE: PROVIDE PROPER VENTILATION FOR GREASE TRAP TO ACCEPTABLE LOCATION. DO NOT COMBINE WITH OTHER BUILDING PLUMBING VENTS

FOR ANY INSTALLATION OR RELOCATION OF UTILITY LINES OR OTHER CONSTRUCTION WORK THAT IMPACTS CURB, GUTTER, SIDEWALK OR

FOLLOW APWA # 231 FOR REPAIR OF SIDEWALK, FOLLOW APWA #205 FOR REPAIR OF CURB & GUTTER, FOLLOW APWA#255 FOR REPAIR OF

FOLLOW APWA #225 FOR RADIUSED DRIVE APPROACHES

REPLACE CURB GUTTER OR SIDEWALK TO NEXT EXISTING JOINT WORK WITHIN THE 200 SOUTH STREET RIGHT OF WAY WILL REQUIRE A RIGHT OF WAY PERMIT FROM SLC ENGINEERING. (A PUBLIC RIGHT OF WAY PERMIT FROM SLC ENGINEERING IS SEPARATE FROM PERMITS ISSUED BY OTHER SLC ENTITIES SUCH AS BUILDING SERVICES, PUBLIC UTILITIES ETC. IT MUST BE OBTAINED BY CONTRACTOR WITH BOND INSURANCE AND LICENSE ON FILE WITH THE ENGINEERING

CITY ORDINANCE 17.48.200 REQUIRES THAT A SEWER LATERAL CANNOT BE PLACED UNTIL THE SUB ROUGH IS IN. IF CONSTRUCTION SEQUENCING REQUIRES THAT THE SEWER LATERALS BE INSTALLED PRIOR TO THE SUB ROUGH, THEN AN EXCEPTION TO THE ORDINANCE WILL NEED TO BE APPROVED BY CITY IN ADVANCE OF LATERAL INSTALLATION.

POWER COMPANY, GAS COMPANY AND COMMUNICATION COMPANIES ARE RESPONSIBLE FOR SUBMITTING DESIGN PLANS AS REQUIRED BY TITLE 14 CHAPTER 32 OF THE REVISED ORDINANCES OF SALT LAKE CITY FOR ALL PROPOSED WORK FOR THEIR RESPECTIVE UTILITY LINES IN OR ADJACENT TO THE CITY ROW OR A PUBLIC UTILITIES ROW. PLAN REVIEWS ARE REQUIRED BY THE PUBLIC UTILITIES DEPT. UTILITY COORDINATOR AND THE CITY ENGINEERING PUBLIC WAY PERMIT PLAN REVIEWER.

ALL UTILITIES MUST MEET HORIZONTAL AND VERTICAL CLEARANCE REQUIREMENTS. WATER AND SEWER LINES REQUIRE 10 FEET MINIMUM HORIZONTAL SEPARATION AND 18" MINIMUM VERTICAL SEPARATION. SEWER MUST MAINTAIN 5 FEET MINIMUM HORIZONTAL SEPARATION AND 12" VERTICAL SEPARATION FROM ANY NON-WATER UTILITIES. WATER MUST MAINTAIN 3 FEET MINIMUM HORIZONTAL SEPARATION AND 12" VERTICAL SEPARATION FROM ANY NON-SEWER UTILITIES

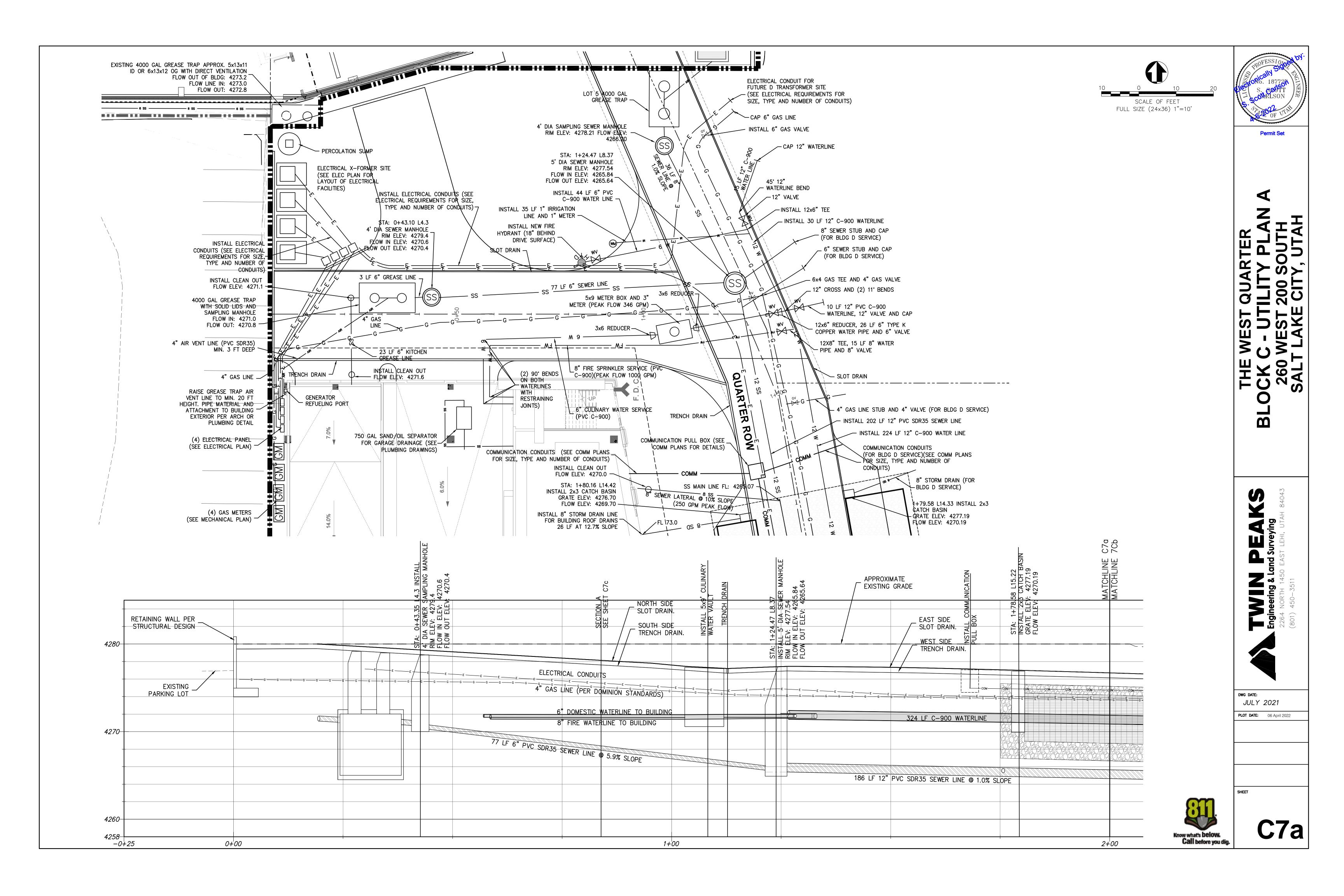


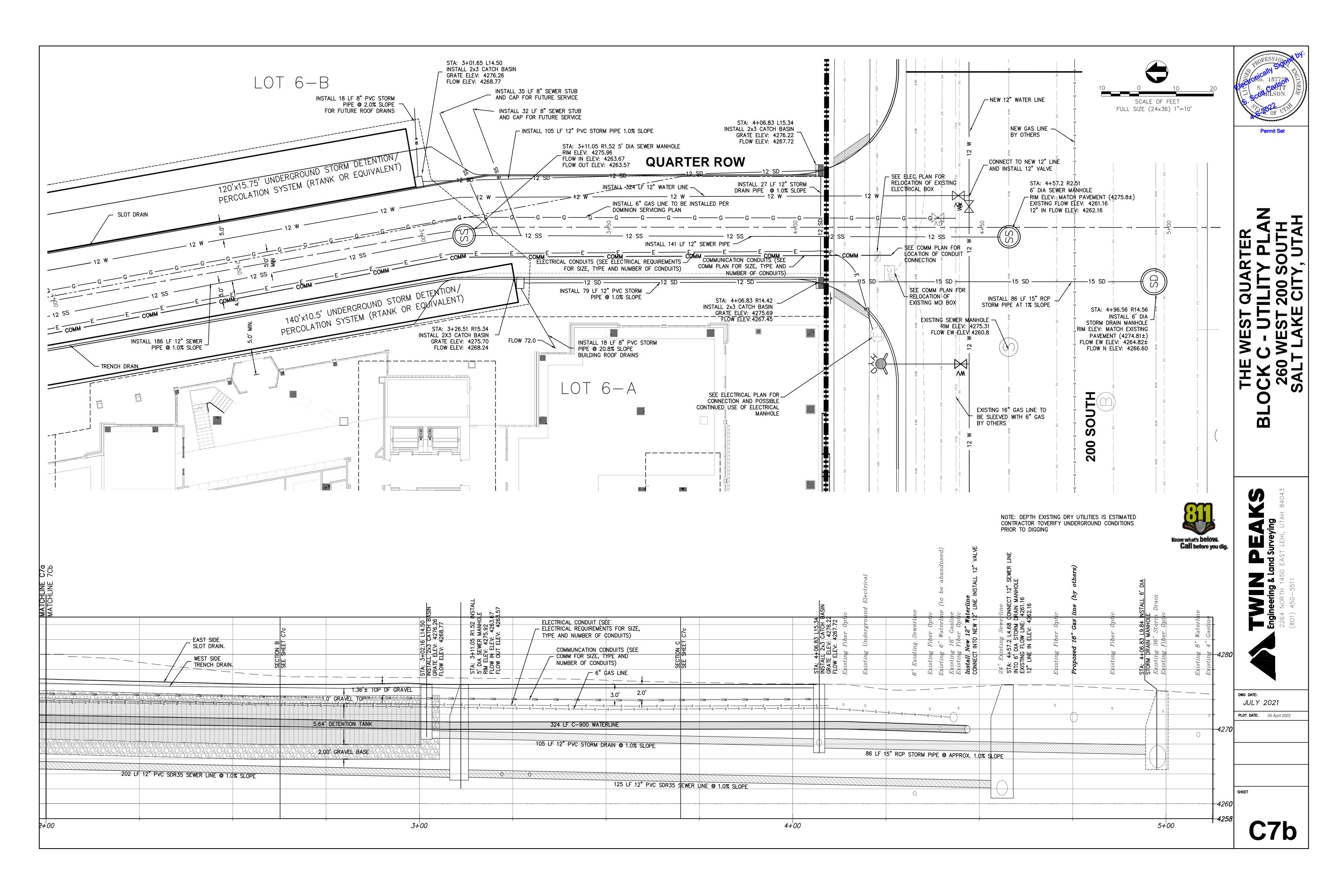
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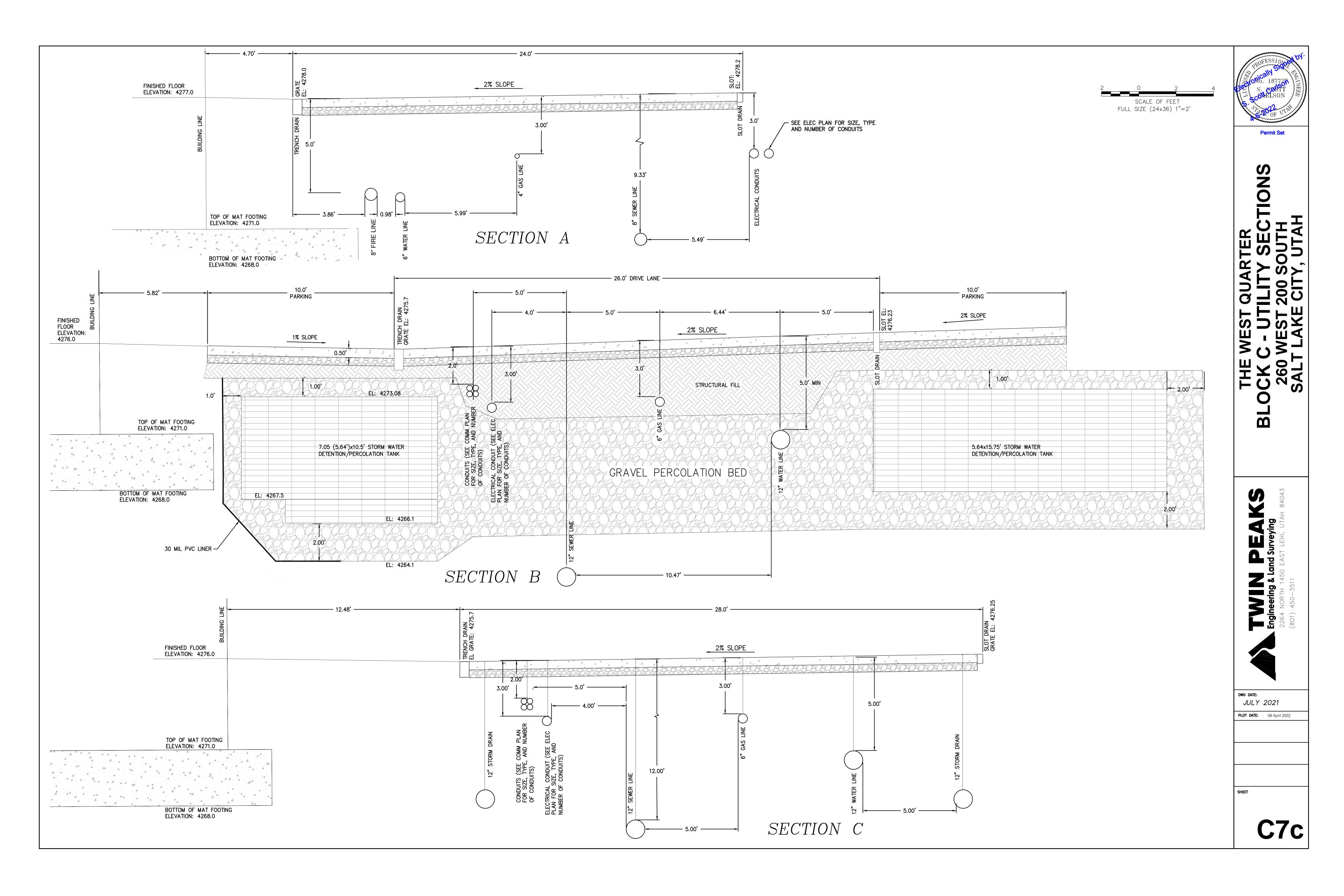


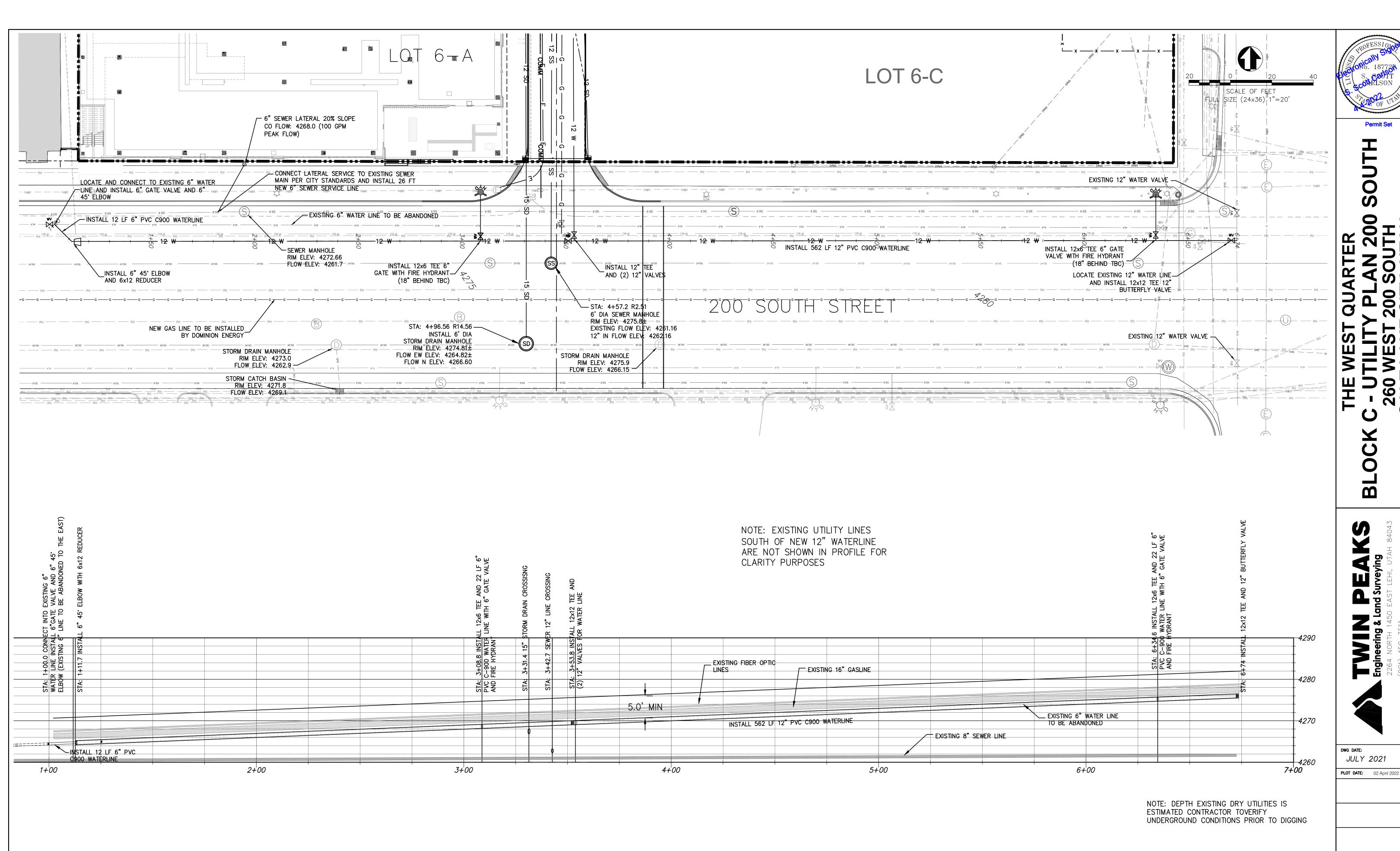
DWG DATE: JULY 2021

PLOT DATE: 05 April 2022



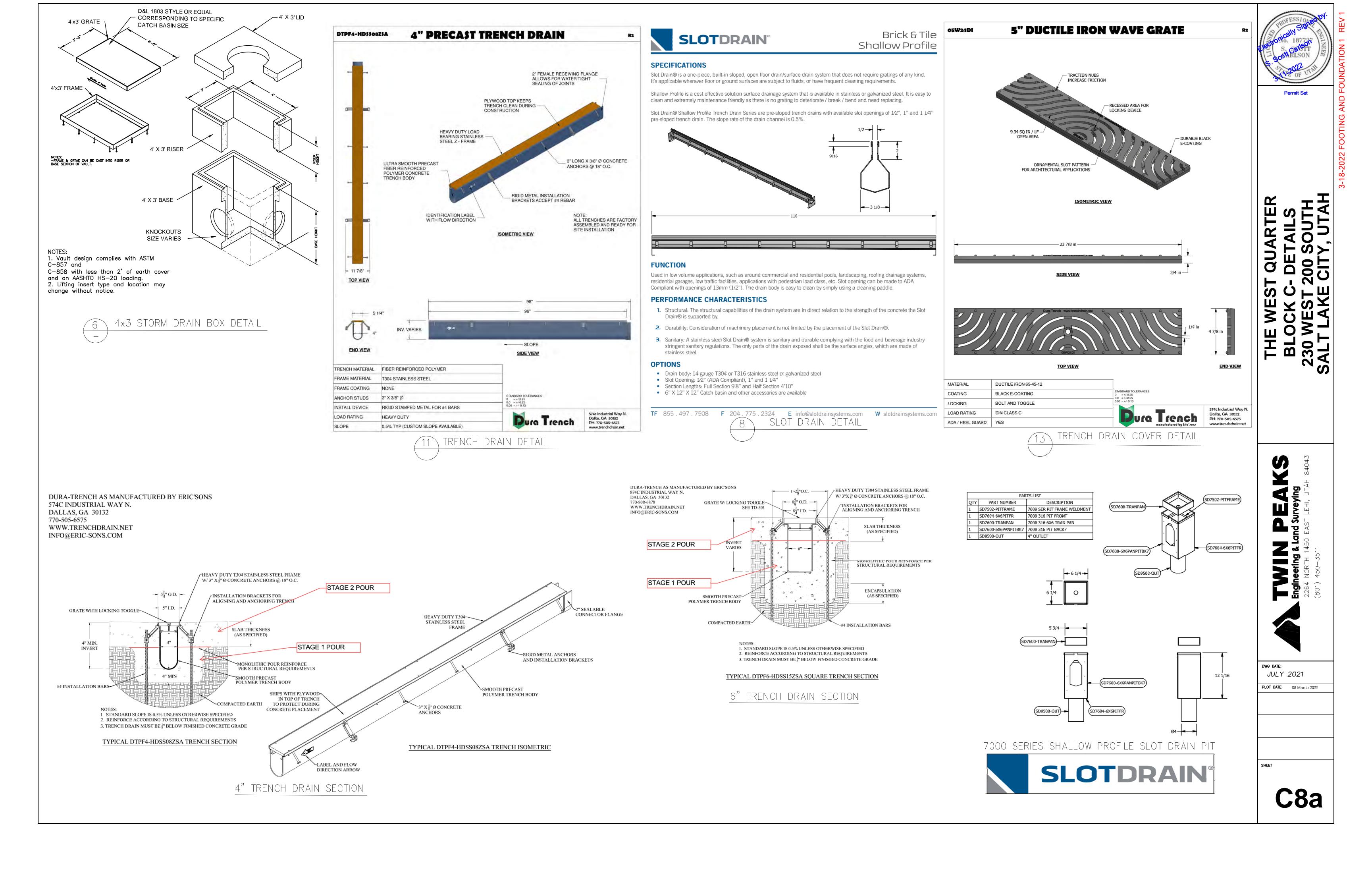






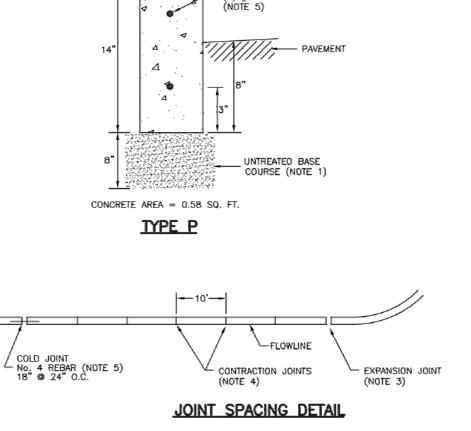
PLOT DATE: 02 April 2022

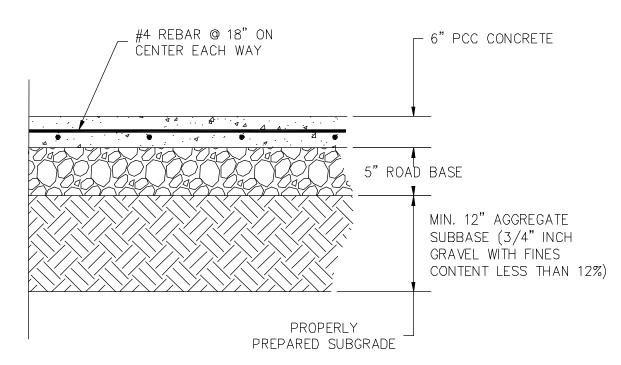




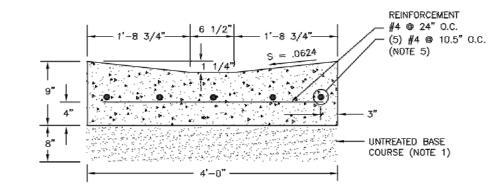
- 1. UNTREATED BASE COURSE: Provide material specified in APWA Section 32 11 23. A. Do not use gravel as a substitute for untreated base course without ENGINEER's
- B. Place material per APWA Section 32 05 10.
- C. Compact per APWA Section 31 23 26 to a modified proctor density of 95 percent or greater. Maximum lift thickness before compaction is 8 inches when using riding compaction equipment or 6 inches when using hand held compaction
- CONCRETE: Class 4000 per APWA Section 03 30 04.
 - A. If necessary, provide concrete that achieves design strength in less than 7 days. Use caution; however, as concrete crazing (spider cracks) may develop if air temperature exceeds 90 degrees F.
 - B. Place concrete per APWA Section 03 30 10.
 - C. Provide 1/2 inch radius on concrete edges exposed to public view. D. Cure concrete per APWA Section 03 39 00 with type ID Class A or B (clear with fugitive dye) membrane forming compound unless specified otherwise.
- EXPANSION JOINT: Make expansion joints vertical., full depth, 1/2 inch wide with type F1 joint filler material per APWA Section 32 13 73.
- A. Set top of filler flush with surface of concrete. B. Expansion joints are required at the start or end of a street intersection curb
- C. Expansion joints are not required in curb tangents or slip form work.
- 4. CONTRACTION JOINT: Make contraction joints vertical. A. 1/8 inch wide and 2 inches deep or 1/4 slab thickness if slab is greater than 8
- B. If necessary, match location of contraction joints in adjacent concrete flatwork.
- 5. REINFORCEMENT: ASTM A 615, grade 60, galvanized or epoxy coated deformed steel. See APWA Section 03 20 00 requirements.
- FINISH: Broomed.









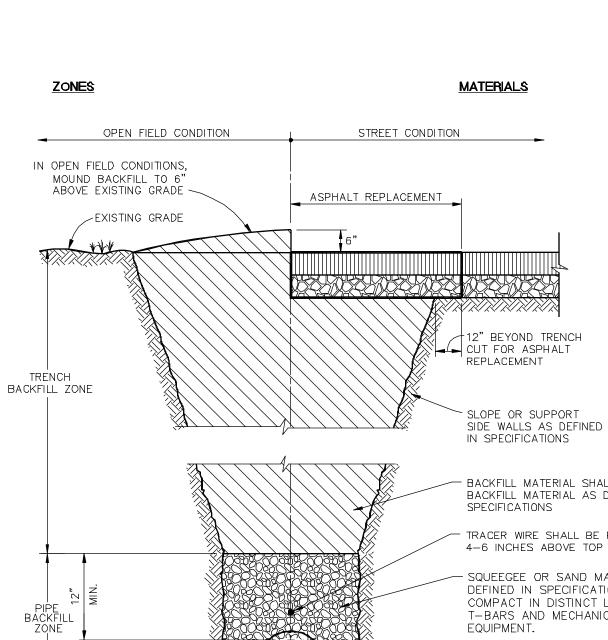


CONCRETE AREA = 2.764 SQ. FT. 4'-0" WATERWAY

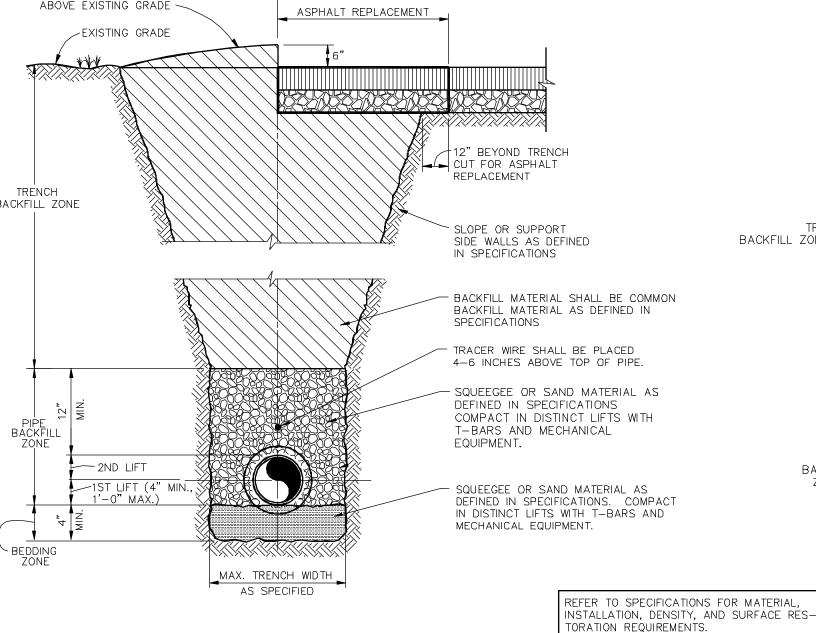
Waterway

- 1. UNTREATED BASE COURSE: Provide material specified in APWA Section 32 11 23. A. Do not use gravel as a substitute for untreated base course without ENGINEER's permission.
- B. Place material per APWA Section 32 05 10.
- C. Compact per APWA Section 31 23 26 to a modified proctor density of 95 percent or greater. Maximum lift thickness before compaction is 8 inches when using riding compaction equipment or 6 inches when using hand held compaction equipment.
- 2. CONCRETE: Class 4000 per APWA Section 03 30 04.
- A. If necessary, provide concrete that achieves design strength in less than 7 days. Use caution; however, as concrete crazing (spider cracks) may develop if air
- temperature exceeds 90 degrees F. B. Place concrete per APWA Section 03 30 10.
- C. Provide 1/2 inch radius on concrete edges exposed to public view.
- D. Cure concrete per APWA Section 03 39 00 with type ID Class A or B (clear with fugitive dye) membrane forming compound unless specified otherwise.
- 3. EXPANSION JOINT: Make expansion joints vertical, full depth, 1/2 inch wide with type F1 joint filler material per APWA Section 32 13 73. Set top of filler flush with surface of concrete.
- CONTRACTION JOINT: Make contraction joints vertical, at least 1/8 inch wide and 2 inches deep or 1/4 slab thickness if slab is greater than 8 inches thick.
- 5. REINFORCEMENT: ASTM A 615, grade 60, galvanized or epoxy coated deformed steel. See APWA Section 03 20 00 requirements.
- FINISH: Broomed.
- 7 PROTECTION AND REPAIR:
- A. Fill flow-line with water. Repair construction that doesn't drain.
- B. Protect concrete from deicing chemicals during cure.

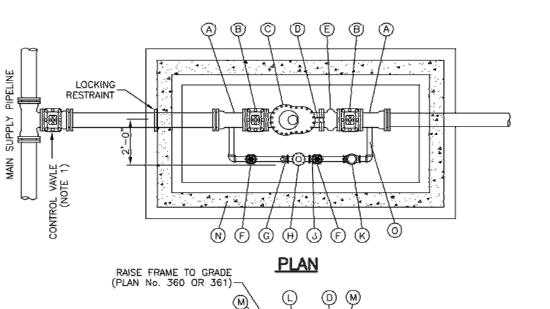


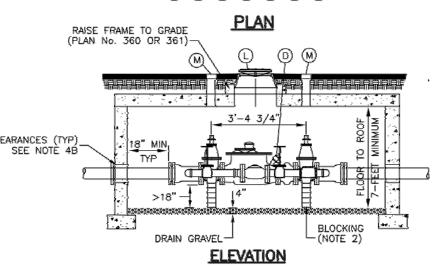


<u>PVC PIPE</u>



TYPICAL TRENCH DETAIL

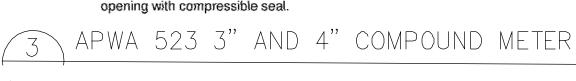


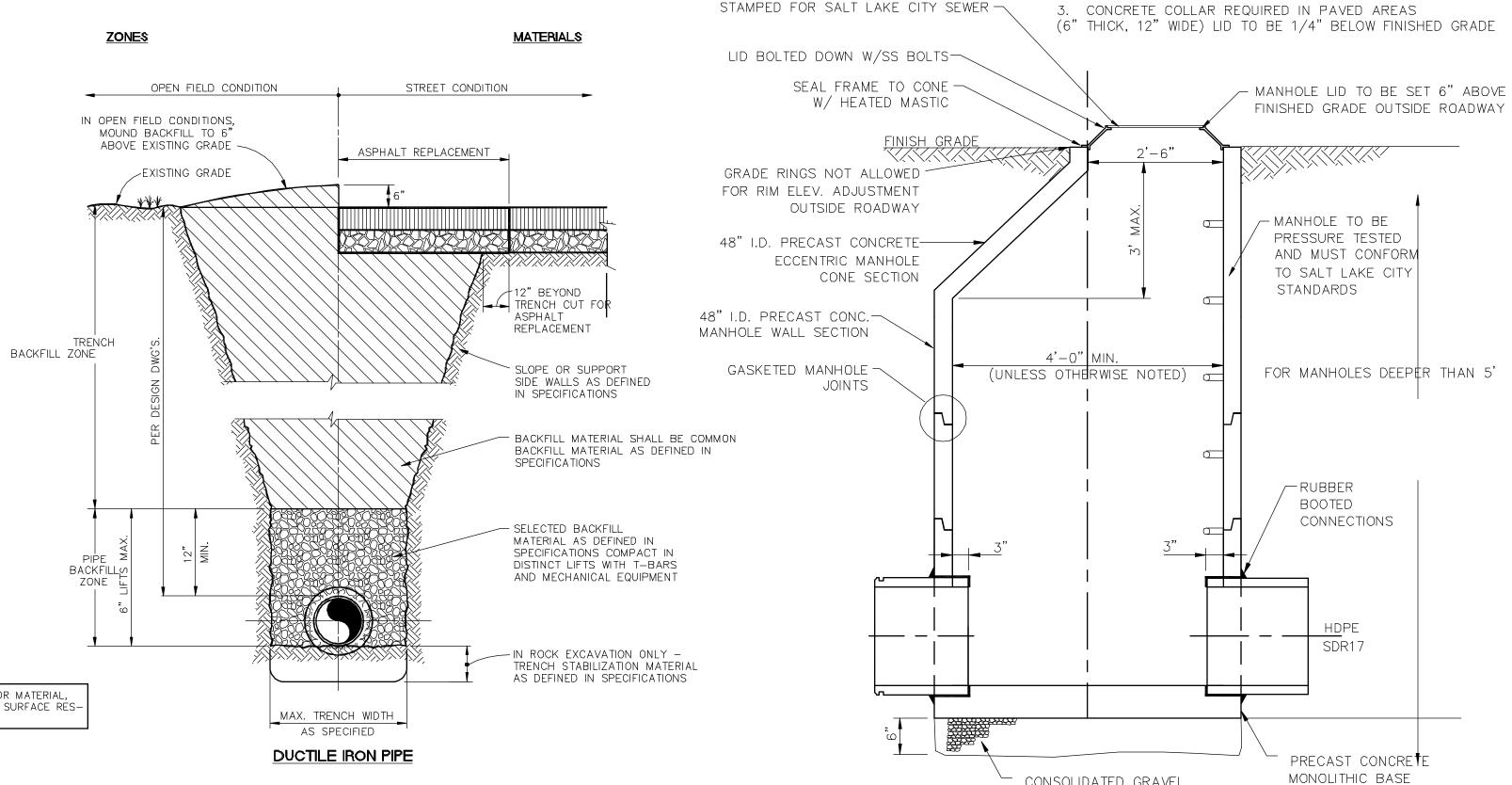


lo.	*	ITEM	DESCRIPTION
(A)		3" OR 4" FLANGE x M.J. ADAPTER	
(B)		3" OR 4" GATE VALVE WITH 2"x2" OPERATING NUT	
0		3" OR 4" COMPOUND METER	
0		2" TEST ASSEMBLY	
(E)		3" OR 4" CHECK VALVE	
(E)		2" GATE VALVE	
© ∣		2" METER FLANGE	
\oplus		2" DISPLACEMENT METER	
0		2" MALE METER FLANGE	
(K)		2" CHECK VALVE	
(D)		27" FRAME AND COVER	PLAN No. 502
(M)		TOP SECTION OF VALVE BOX WITH LID	PLAN No. 574
\bigcirc		CONCRETE BOX	PLAN No. 505
(O)		COPPER PIPING	

3" and 4" Compound meter with 2" bypass

- CONTROL VALVE: Install valve with valve box adjacent to main.
- BLOCKING: Cłay brick or concrete block.
- 3. SMALL FITTINGS: Provide brass fittings and nipples. Do not use galvanized
- 4. CONCRETE BOX: Plan No. 505 A. Center frame and cover over water meter. B. Allow 1 inch clearance around waterline where line passes through wall. Seal





─ 8" HOLE FOR CORE N SEAL

30" MANHOLE RING AND COVER (NON-VENTED)

GASKET AND SS HEX BOLTS OR APPROVED EQUAL

D & I SUPPLY NO. F-1926 W/ "O" RING

6" COUPLING WITH T

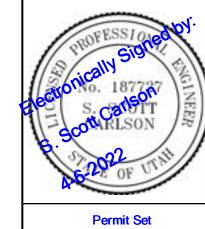
6" WALLS

& 36" STUB DOWN

─ #5 @ 8" O.C.E.W



CONSOLIDATED GRAVEL



LID WITH #5 @ 4" O.C.E.W. WITH - 4 #5 BAR CROSS BARS 72" LONG DIAG. AROUND 30" HOLES

PRECAST MANUFACTURER TO VERIFY THAT THEIR DESIGN

OF: CONCRETE 4000 PSI 28

DAYS H-20 LOADING DESIGN

TWO ACCESS POINTS WITH

4 FT MANHOLE CONE WITH

- RING AND SOLID COVER

ABOVE THE BOX LID

-8" HOLE FOR CORE N

6" WALLS WITH

-#4 L BARS @8" O.C.

ÄT ALL CORNERS

- #5 @ 8" O.C. VERTICAL #5 @ 6" O.C. HORIZONTAL

SEAL OWNER TO

INSTALL TEE

- A-1173 RING AND SOLID

NON VENTED COVER

HOLE

• • • •

1. TEMPORARY GRADING TO SLOPE AWAY FROM

2. MANHOLE CASTING TO BE SET FLUSH WITH

MANHOLE AT 3H:1V TO EXISTING GRADE

FINISHED GRADE WHERE IN SHOULDER.

AIR VENT 6"

ABOVE LID

ACCESS

- (FROM EACH

PROVIDES MINIMUM STANDARDS

ALL JOINTS 1/2" x 3/4" SEAL

Q

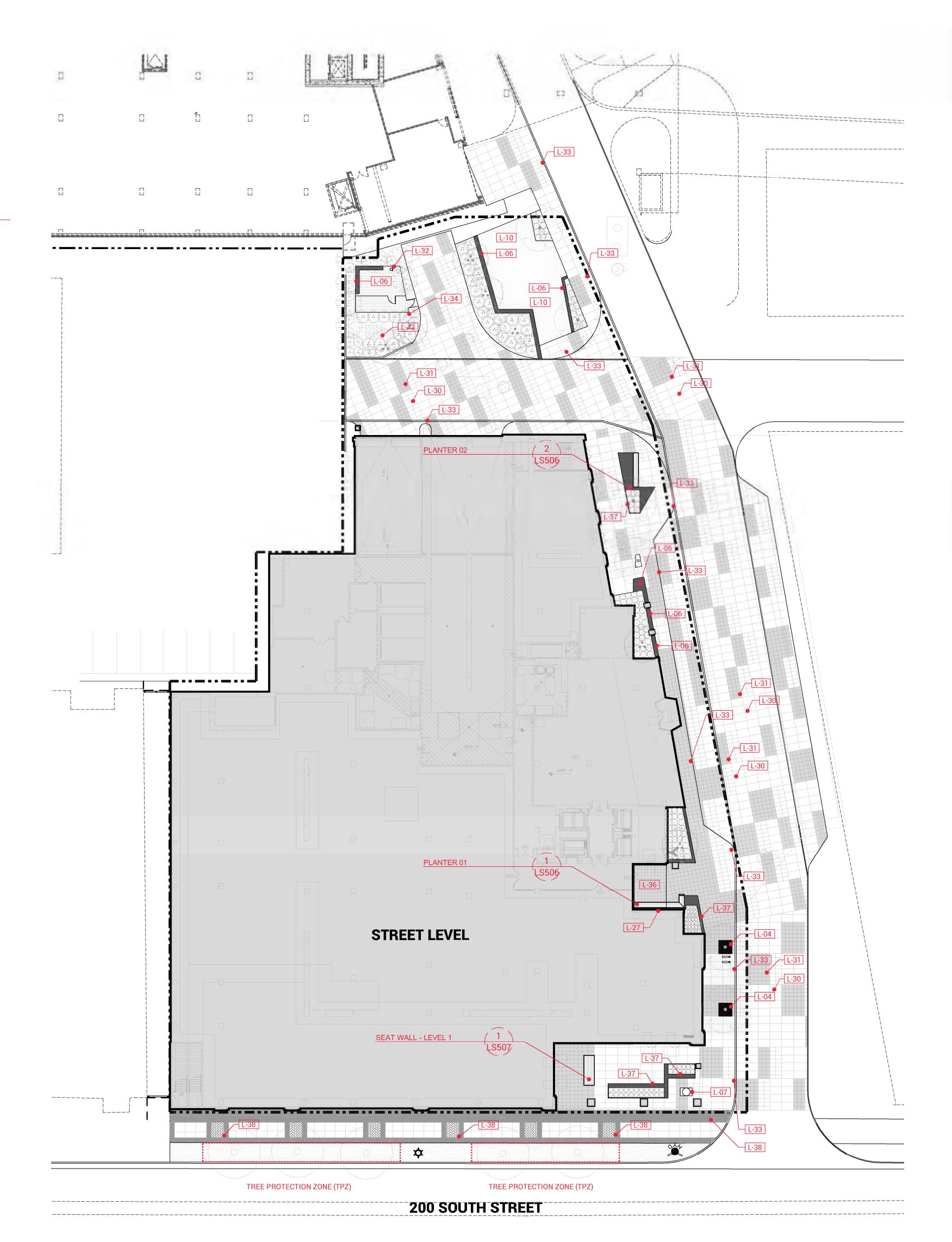
DWG DATE: JULY 2021 PLOT DATE: 06 April 2022

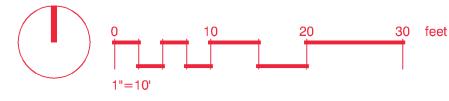
SHEET

REFERENCE NOTES SCHEDULE

KEFE	RENCE NOTES SCHEDULE		
SYMBOL	SITE LAYOUT DESCRIPTION	<u>QTY</u>	<u>DETAIL</u>
L-04	TREE GRATE TO MATCH PHASE 1		3/LS503
L-06	18" W X 18" H X L VARIES - CONCRETE BOARDFORM WALL PLAIN GREY FINISH WITH SMOOTH TROWEL FINISH TOP		5/LS503
L-07	ENTRY SCULPTURE - MODEL: GRAVITY - SIZE: 80" H X 28" DIA COLOR: RED - PER TERRASCULPTURE OR APPROVED EQUAL		
L-10	SYNTHETIC TURF		2/LS503
L-27	FAUX GREEN WALL FROM TOP OF BENCH TO TOP OF CEILING (APPROXIMATLEY 20` HIGH) - EASYIVY AGAVE PANELS ATTACHED TO BUILDING WALL - PER EASY GRASS OR APPROVED EQUAL - INSTALLATION PER MANUFACTURERS SPECIFICATIONS		
L-30	PLAZA CONCRETE (REINFORCED) INCRETE SYSTEMS, COLOR: SOFT GRAY, BROOM FINISH BEVELED SAWCUT JOINT - (TO MATCH PHASE 1-A)		4/LS503
L-31	ACCENT CONCRETE (REINFORCED) INCRETE SYSTEMS, COLOR:CHARCOAL, BROOM FINISH BEVELED SAWCUT JOINT - TO MATCH PHASE 1-A		4/LS503
L-32	DOG WASTE RECEPTACLE - PER LUCKY DOG		
L-33	LIGHTED BOLLARD, 5" DIA, FIXED, FORMS AND SURFACES 500 SERIES LIGHT COLUMN WITH 360 SHIELD (PERFORATION), BRONZE RAL#6014 FINISH, 3000K LAMP, SURFACE MOUNT WITH J BOLTS - (TO MATCH PHASE 1-A)		
L-34	BLACK METAL OPEN RAIL - 4` HIGH DOG FENCE		5/LS502
L-36	EXTERIOR SNOW GRATE SYSTEM - MANUFACTURER: ENZAR, TYPE: WELDED STAINLESS STEEL, NUMBER: 11-W-2, BEARING BARS: 11/16", CROSS BARS: 2", COLOR: PAINTED DARK GRAY, SURFACE: PLAIN, ADDITIONAL NOTES: ADA INSTALLED SO BAR SPANS PERPENDICULAR TO THE NORMAL FLOW OF TRAFFIC AND CLIPS ADDED PER MANUFACTURER TO HOLD GRATES TOGETHER		1/LS503
L-37	RAISED CONCRETE PLANTER WITH STEEL PANEL - TO MATCH PHASE 1		7/LS503
L-38	BRICK PAVER BANDING - PER CITY REQUIREMENT - SAND SET TOSCANA CONCRETE UNIT PAVERS BY BELGARD OR APPROVED EQUAL - PATTERN PER PLAN		6/LS503

FUTURE TRANSFORMER LOCATION



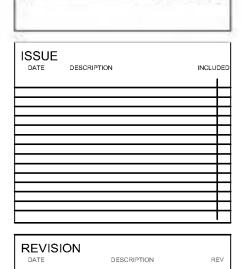






QUARTER - BLOCK C





DATE DESCRIPTION REV

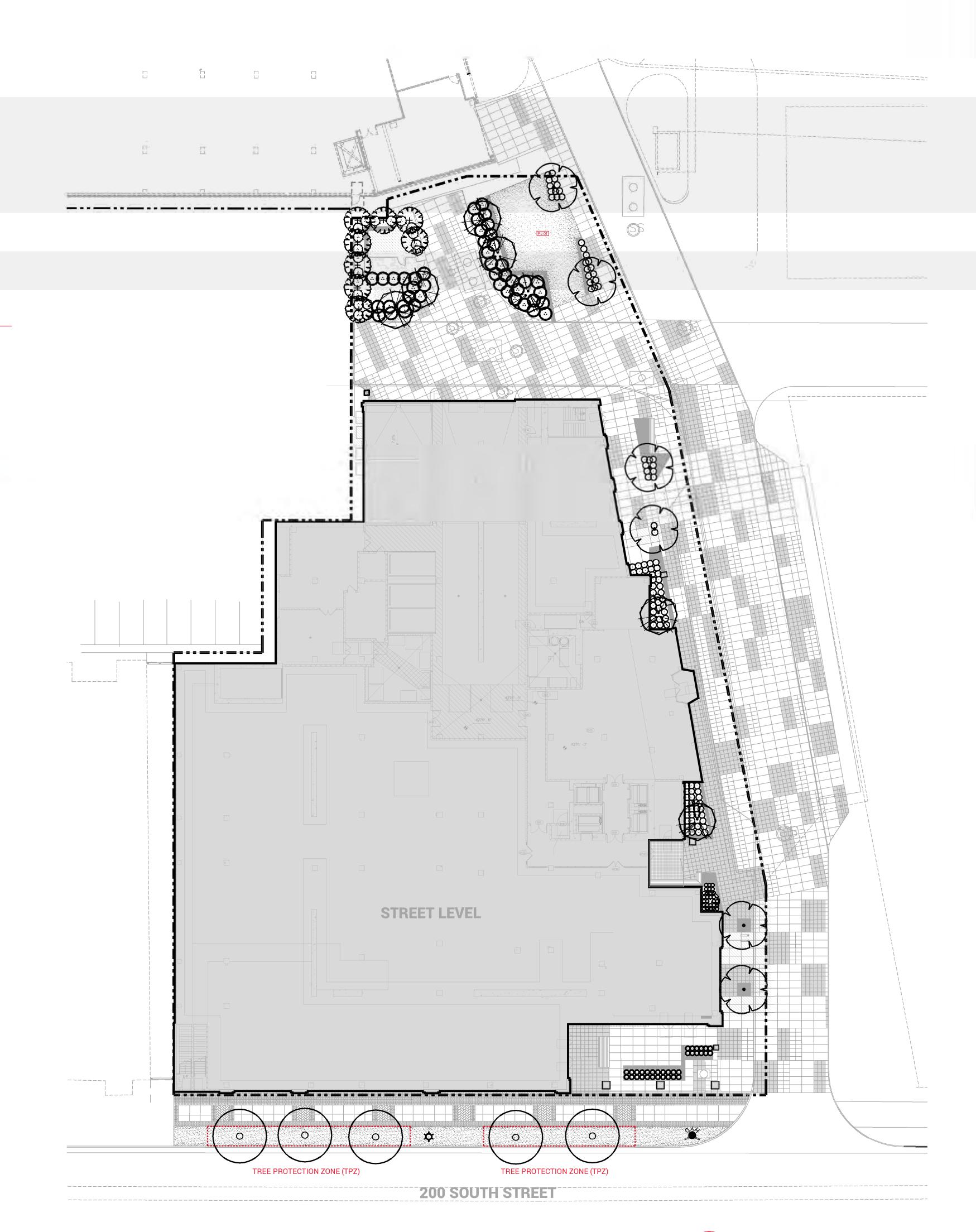
AL:



JOB NUMBER:

DRAWN BY CHECKE NKJ BAR

LS101



PLANT SCHE	DULE					
DECIDOUS TREES	BOTANICAL / COMMON NAME	SIZE	CONT.	<u>HZONE</u>		QTY
	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE' / 'AUTUMN BRILLIANCE' SERVICEBERRY -MULTI-STEM BRANCHES TO BE PRUNED TO 3' HEIGHT	3" CAL.	B&B	TD4		7
+ 3	QUERCUS ROBUR X ALBA `JFS-KW2QX` TM / SKINNY GENES OAK	2" CAL.	В&В	TD4		8
	ULMUS X 'FRONTIER' / FRONTIER ELM	3" CAL.	B&B	TD3		6
STREET TREES	BOTANICAL / COMMON NAME	SIZE	CONT	HZONE		QTY
(.)	EXISTING TREES	EXISTING	N/A			5
SHRUBS	BOTANICAL / COMMON NAME	SIZE	<u>HZONE</u>			
MANAMEN MANAMEN	RHUS AROMATICA `GRO-LOW` / GRO-LOW FRAGRANT SUMAC -TRIM TO FORM DENSE GROUNDCOVER	5 GAL.	SD1			44
	RHUS TYPHINA 'BAILTIGER' TM / TIGER EYES STAGHORN SUMAC -TRIM LOWER BRANCHES TO GIVE A TREE-LIKE APPEARANCE	10 GAL.	SD2			1
\odot	ROSA X `BLANC DOBLE DE COUBERT` / FRAGRANT WHITE RUGOSA SHRUB ROSE	5 GAL.	SD2			19
ORNAMENTAL GRASSES	BOTANICAL / COMMON NAME	SIZE	HZONE			
MANUAL STATES	CAREX MUSKINGUMENSIS 'ICE FOUNTAINS' / ICE FOUNTAINS PALM SEDGE	5 GAL.	TW2			28
MANUAL AND THE STATE OF THE STA	FESTUCA MAIREI / ATLAS FESCUE	5 GAL.	TW2			102
WANTER TO THE PARTY OF THE PART	MISCANTHUS SINENSIS 'YAKU JIMA' / YAKU JIMA EULALIA GRASS	5 GAL.	TW2			34
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	HZONE		SPACING	
	TURF SOD	SOD				2,522 SF
ROCK MULCH	BOTANICAL / COMMON NAME	CONT	<u>HZONE</u>		SPACING	
	1-2" GREY COBBLE	ROCK MULCH	N/A			40 SF
	1" WASATCH GRAY LANDSCAPE ROCK	ROCK MULCH	N/A			1,800 SF
SOIL	BOTANICAL / COMMON NAME	CONT	HZONE		SPACING	
	STRUCTURAL SOIL - SEE DETAILS FOR STRUCTURAL SOIL SPECIFICATION.	N/A	N/A			1,037 SF
SYNTHETIC TURF	BOTANICAL / COMMON NAME	CONT	HZONE		SPACING	
	SYNTHETIC TURF PET TURF COLLECTION -SWG PET TURF (GB-085) - PER SOUTWEST GREEN - CONTACT DEREK SPENCER 801-808-4270	N/A	N/A			315 SF

SUMMARY DATA

PARK STRIP LANDSCAPING: 200 SOUTH: STREET TREES

STREET TREES 7 REQUIRED / 5 PROVIDED

PLEASE NOTE: TREE REMOVAL OR TREE PLANTING IN

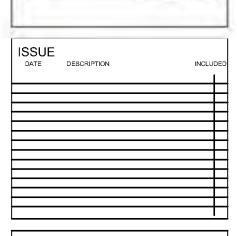
360 WEST 300 SOUTH
UNIT 102
SALT LAKE CITY, UT 84101
PHONE: 385.273.3888
dwelldesignstudio.com

6/4
LOFTSIXFOUR

EST QUARTER - BLOCK

SALT LAKE CITY, UTAH

RITCHIE



ATE DESCRIPTION REV

EAL:

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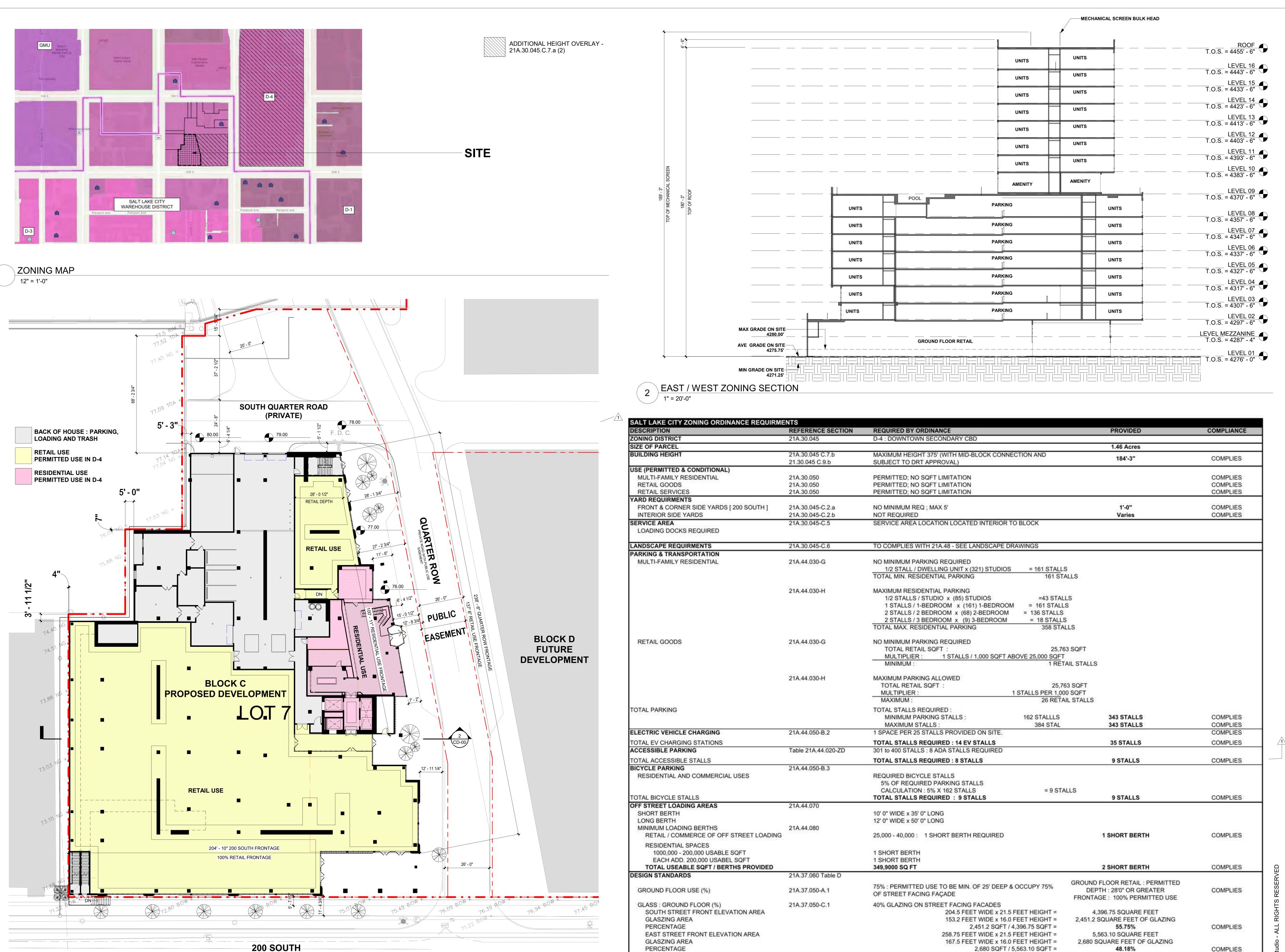
PLANTING
PLAN (LEVEL 1)

100% CONSTRUCTION DOCS

JOB NUMBER:

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NKJ BAR

LP101



PERCENTAGE

ZONING REVIEW

12" = 1'-0"

LEVEL 01 - ZONING SITE PLAN

/ 1" = 20'-0"

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> BL QUARTER

A DEVELOPMENT FOR:

WE

ISSUE DESCRIPTION 09/10/2021 SCHEMATIC DESIGN 11/19/2021 DESIGN DEVELOPMENT 12/30/2021 50% CONSTRUCTION DOCUMENTS 03/04/2022 GMP / PERMIT

REVISION DATE DESCRIPTION
03/18/2021 FOOTING AND FOUNDATION 1

SHEET NAME:

ZONING DATA

50% CONSTRUCTION

DOCUMENTS JOB NUMBER: 2138601

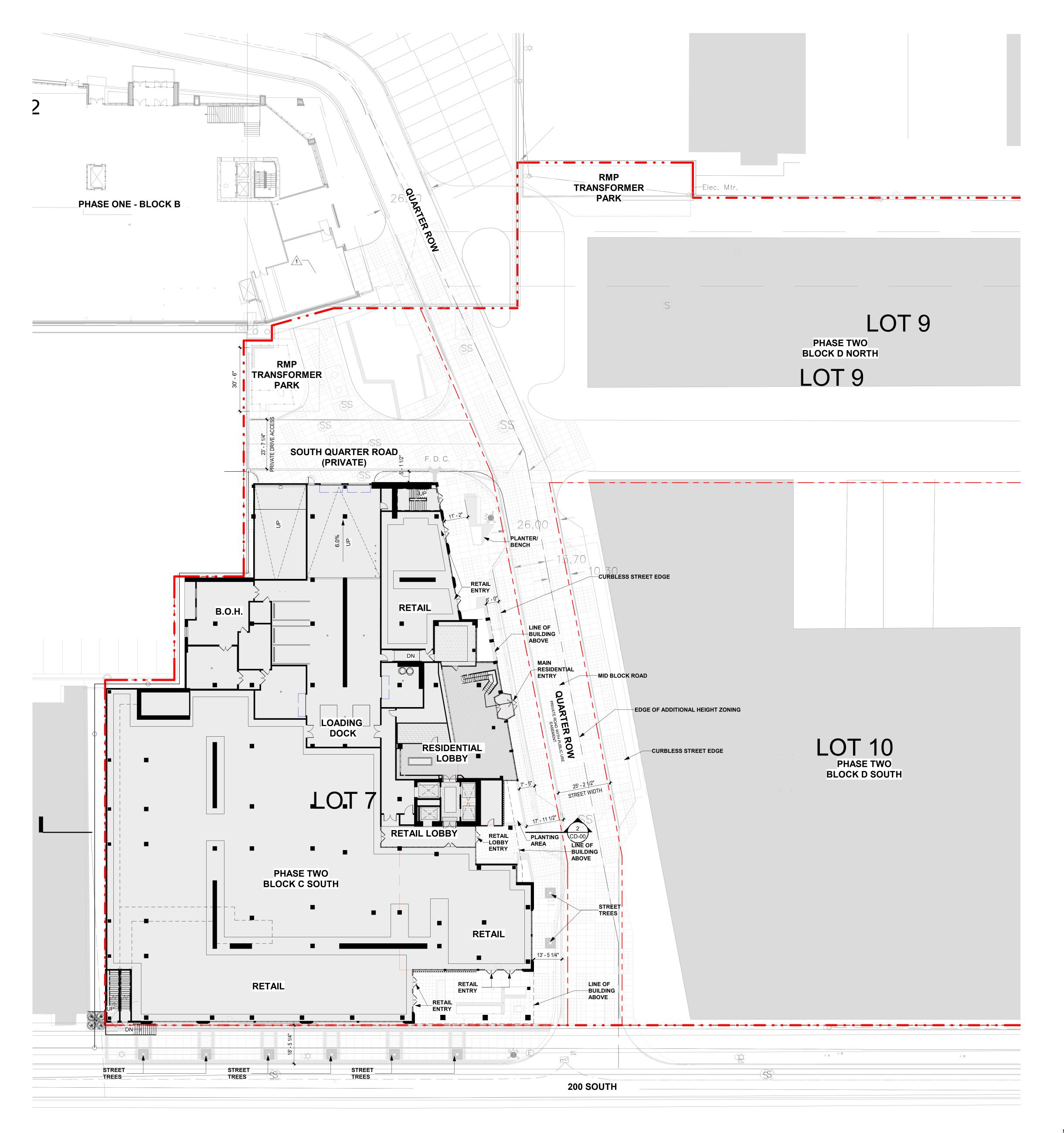
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2,680 SQFT / 5,563.10 SQFT =

48.18%

COMPLIES

CD-00



dwell design studio

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WEST QUARTER - BLOCK C

A DEVELOPMENT FOR:

THE RITCHIE GROUP

SSUE
DATE DESCRIPTION INCLUDED

| ISSUE | DATE | DESCRIPTION | INCLUDED | O9/10/2021 | SCHEMATIC DESIGN | X | 11/19/2021 | DESIGN DEVELOPMENT | X | 12/30/2021 | 50% CONSTRUCTION DOCUMENTS | X | X | X | X | X | X | X | X |

 REVISION

 DATE
 DESCRIPTION

 03/18/2021
 FOOTING AND FOUNDATION 1
 1

 03/25/2022
 DESIGN REVIEW
 3

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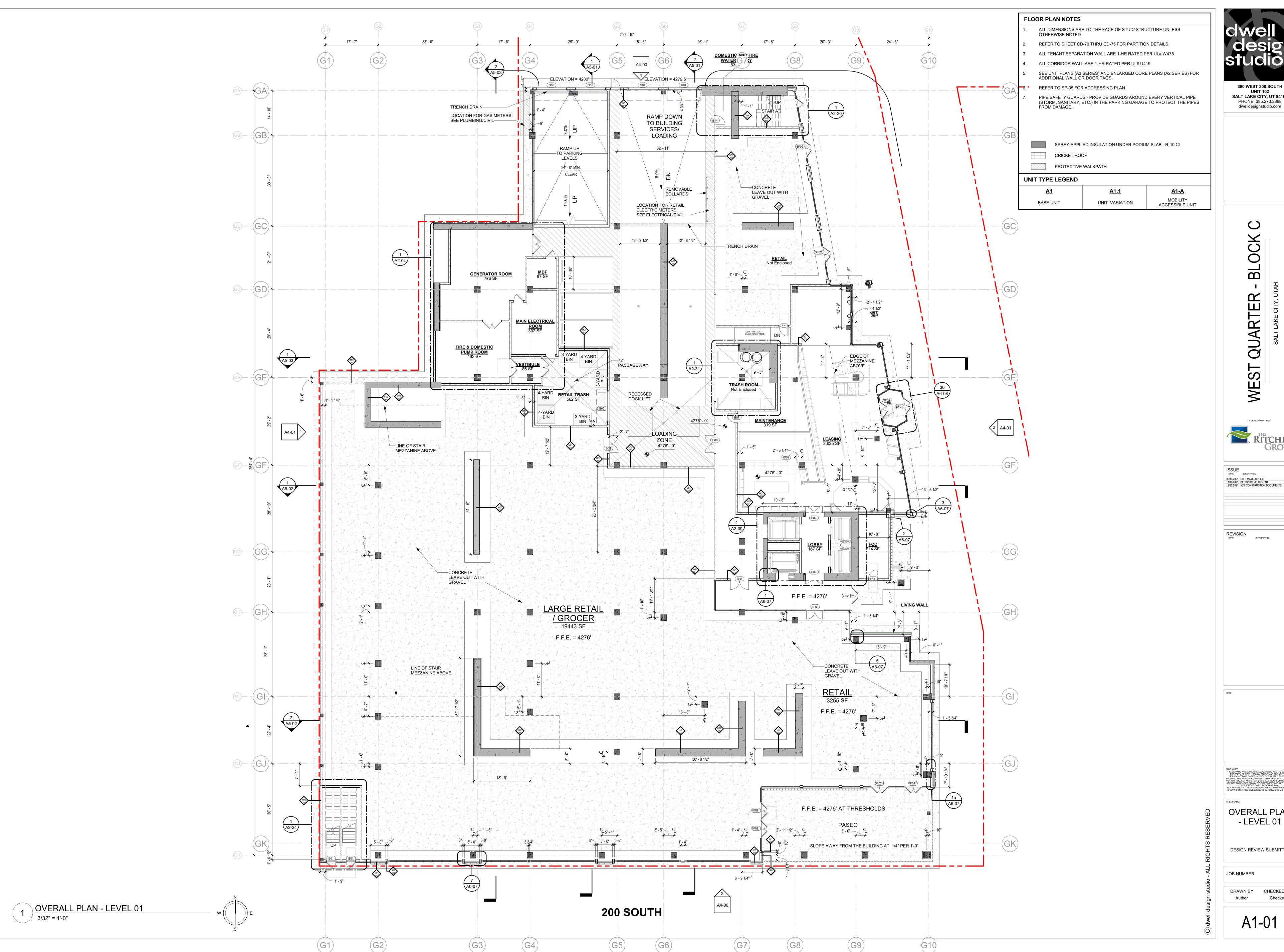
ARCHITECTURAL SITE PLAN

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JOB NUMBER: 2138601

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SP-01



ISSUE
DATE DESCRIPTION

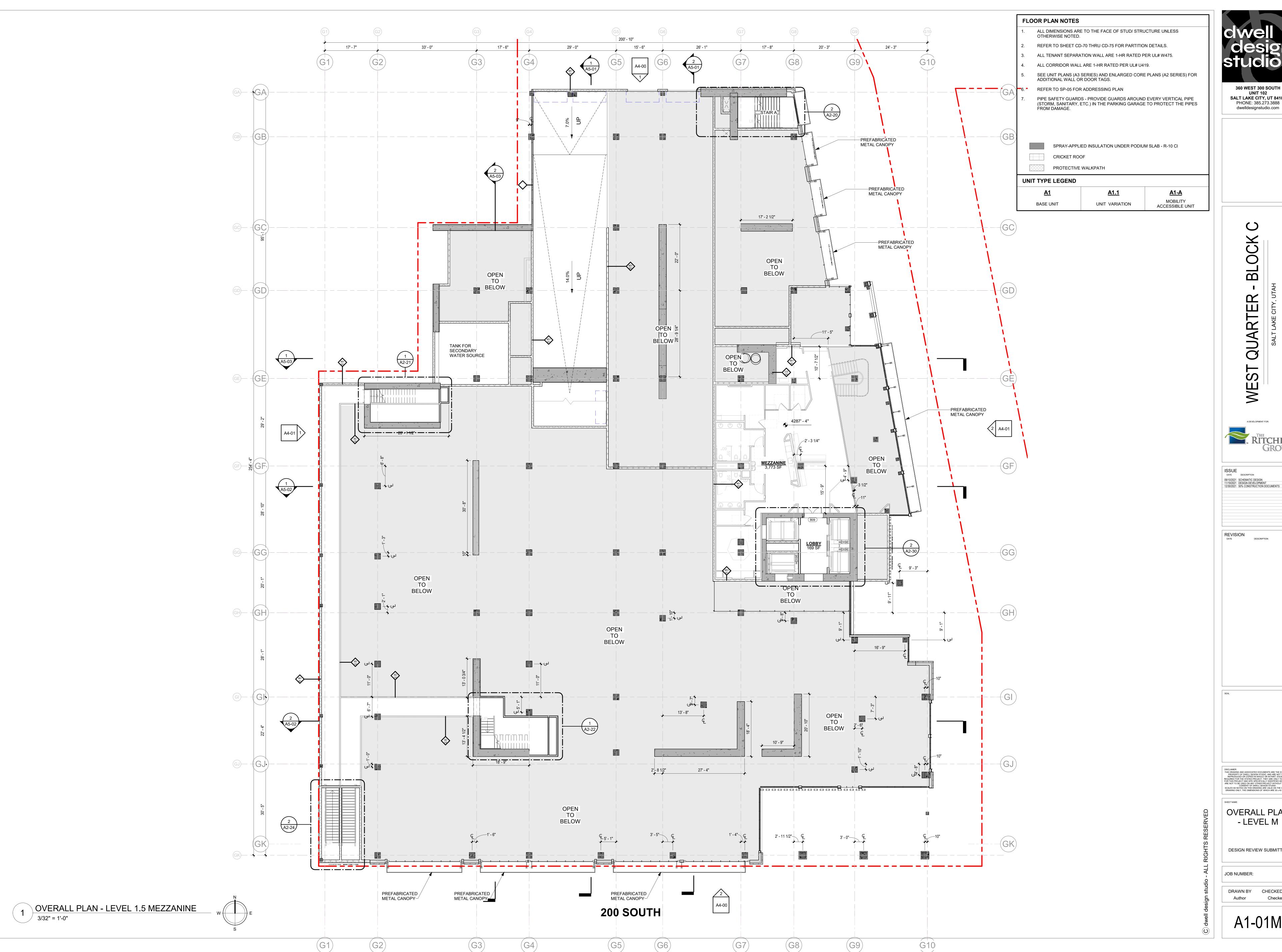
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OVERALL PLAN - LEVEL 01

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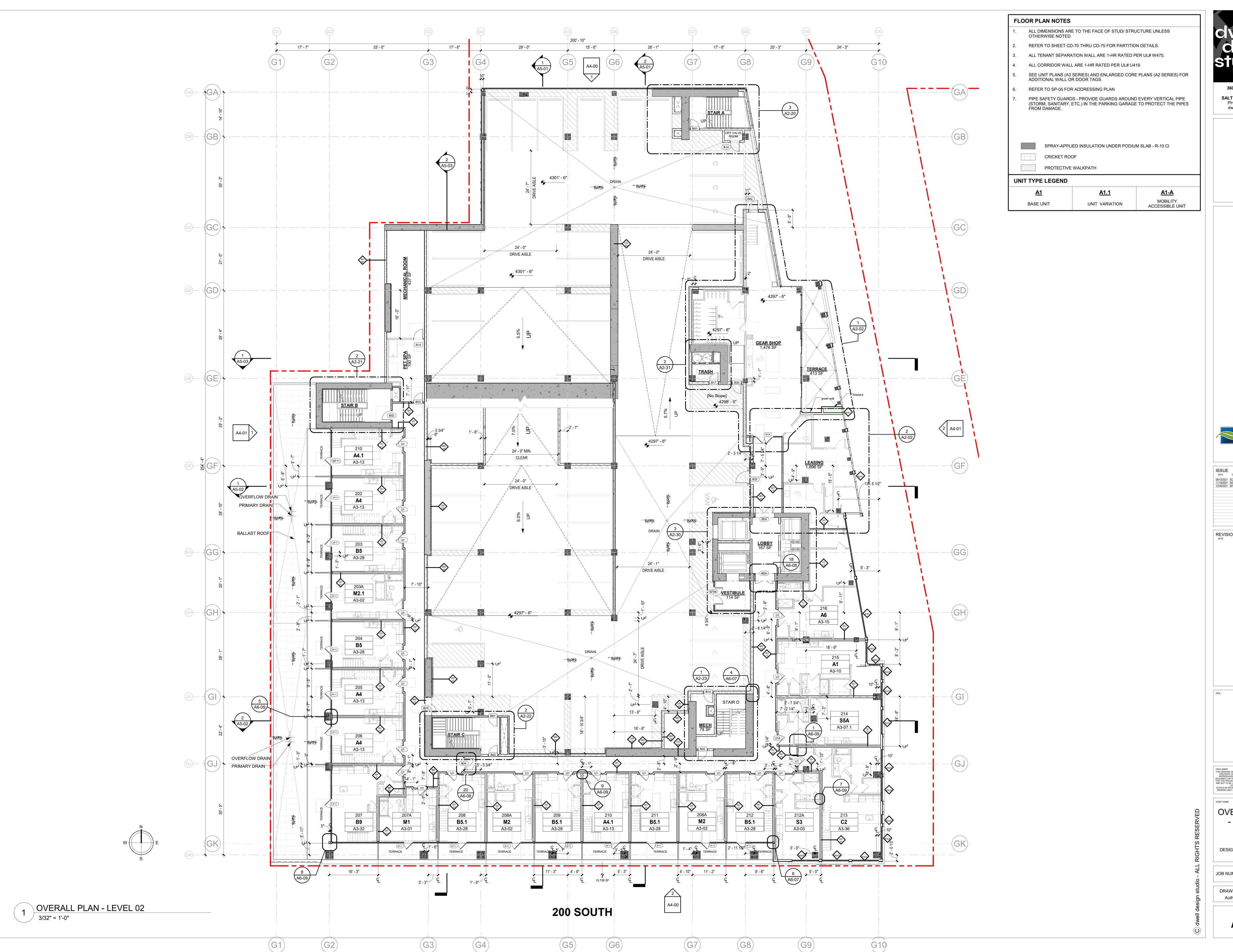
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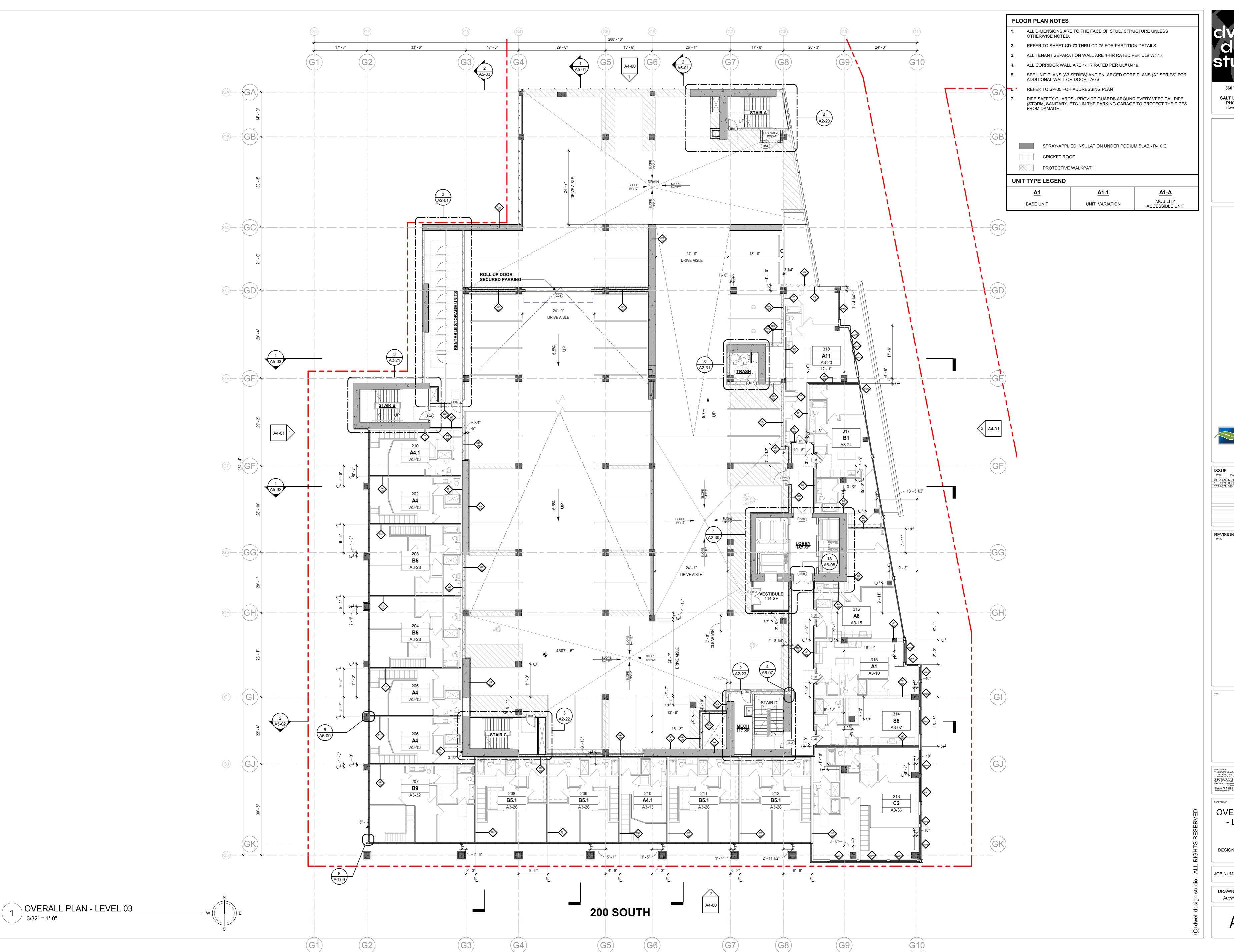
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OVERALL PLAN - LEVEL 02

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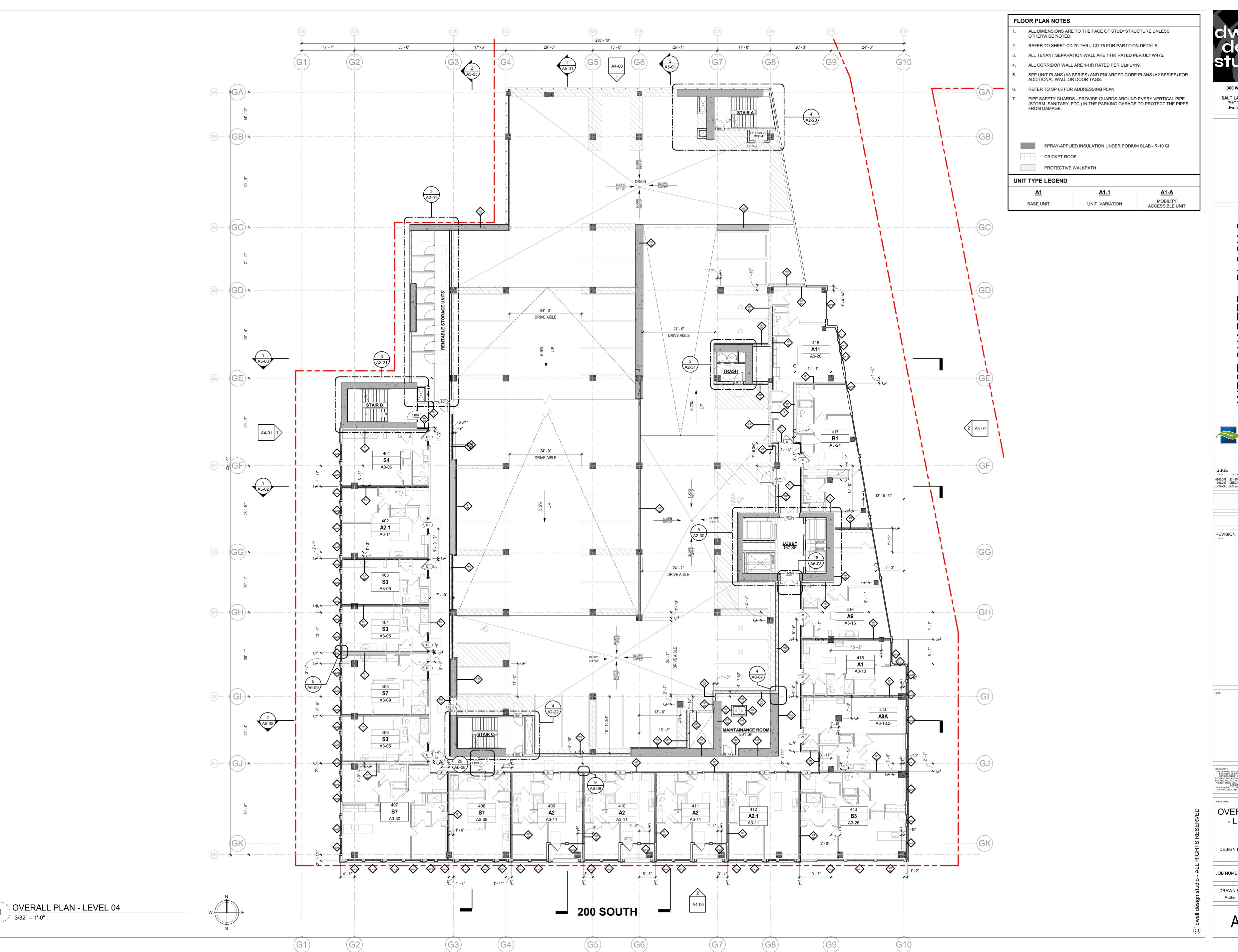


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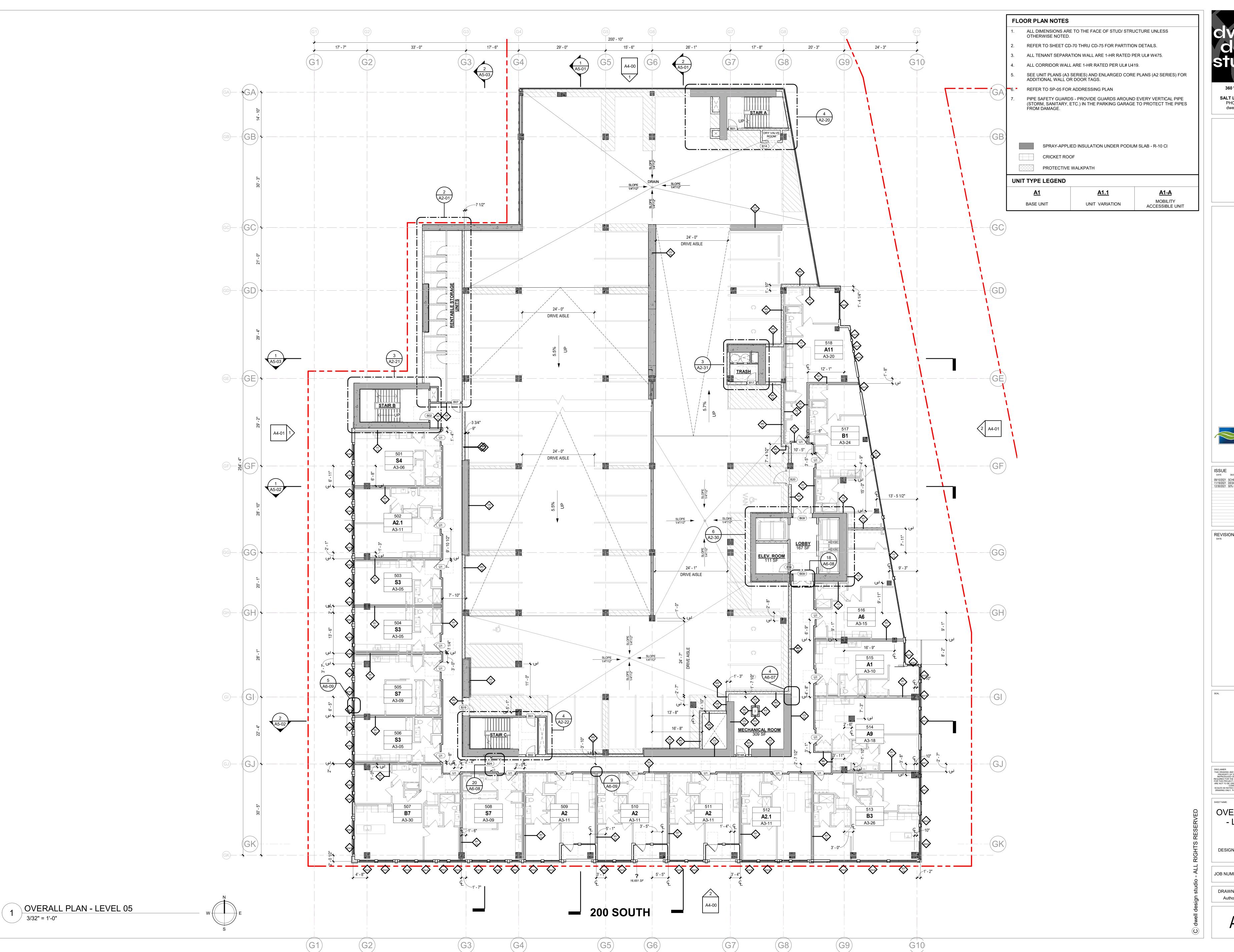


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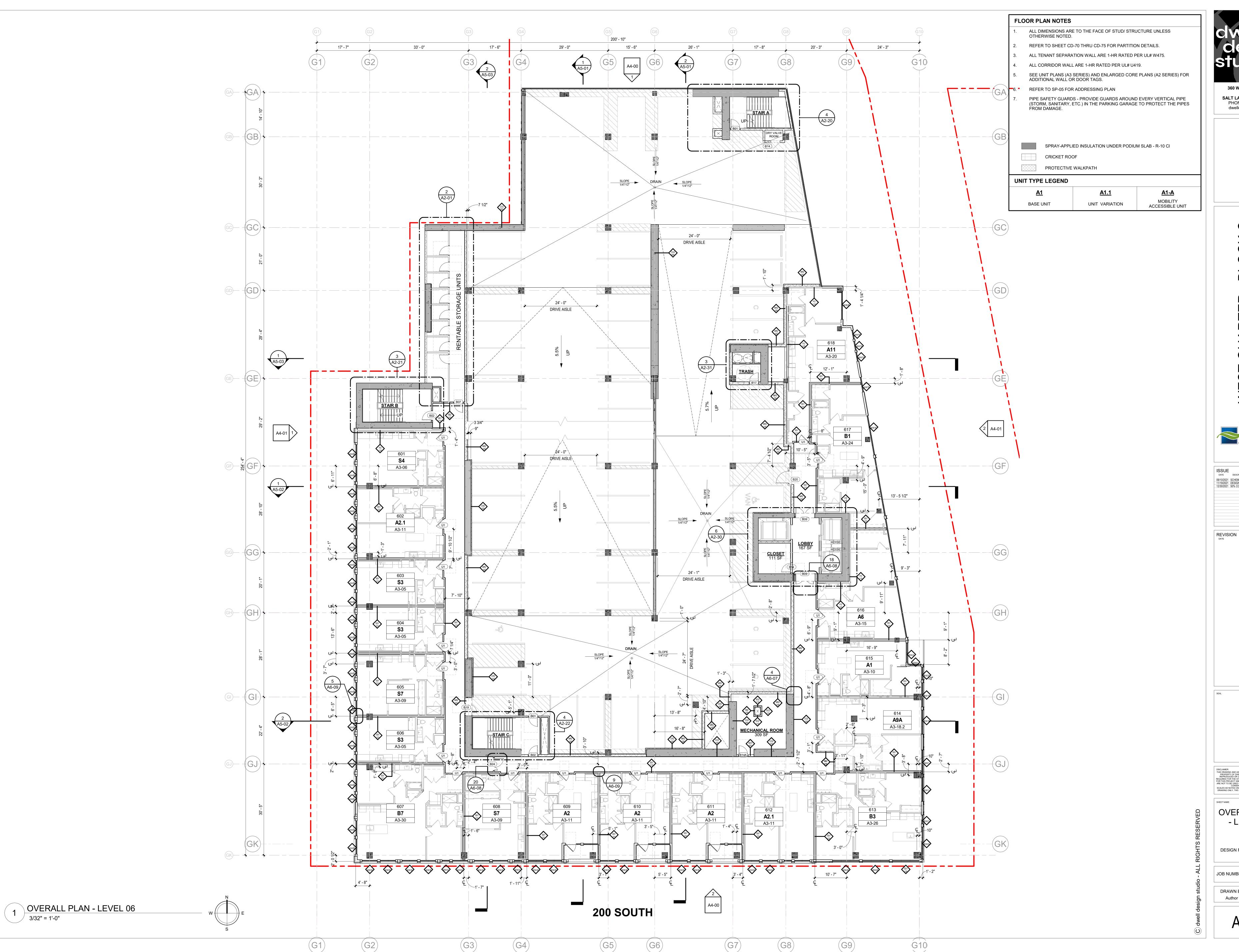


OVERALL PLAN - LEVEL 05

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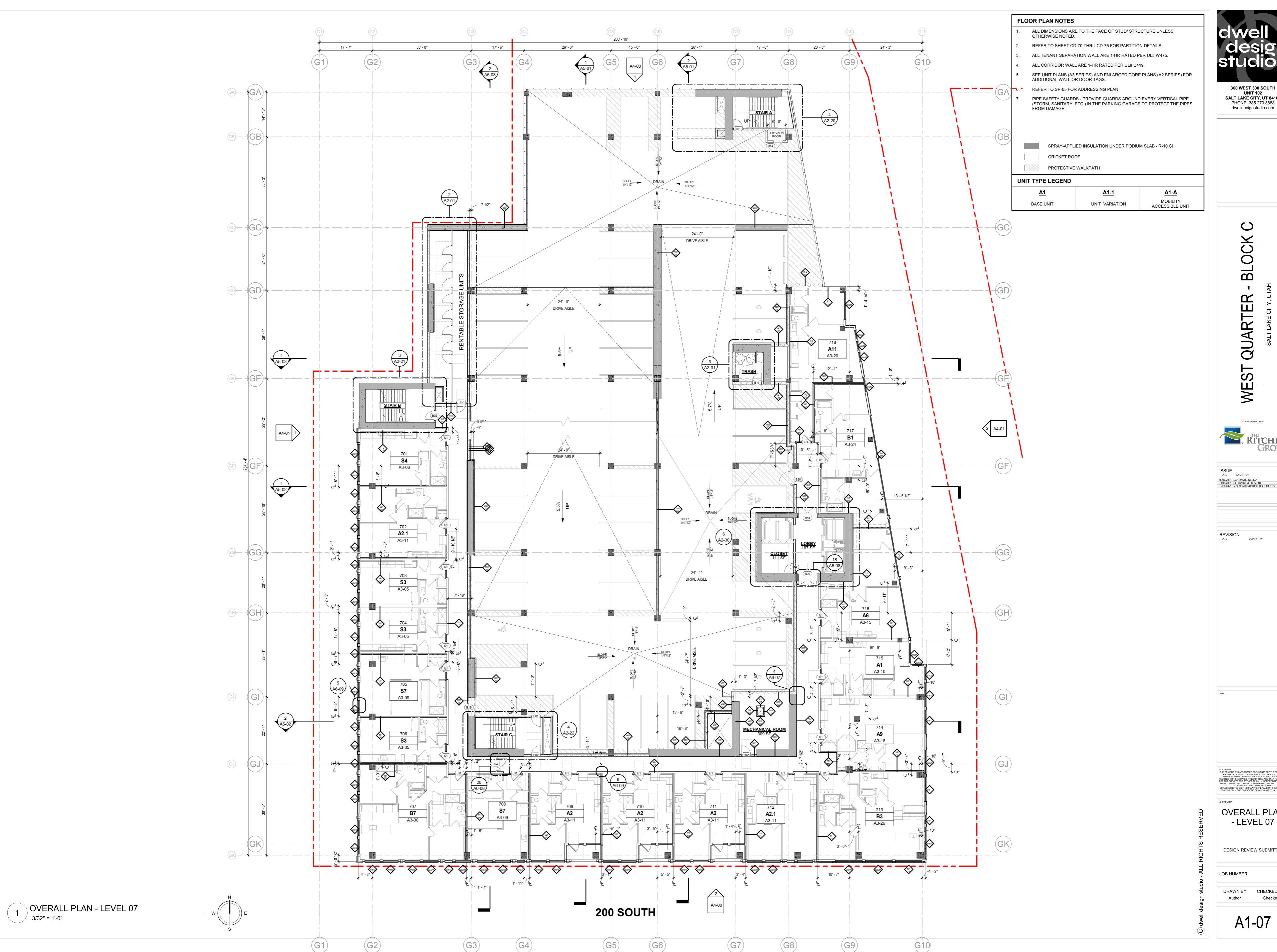


OVERALL PLAN - LEVEL 06

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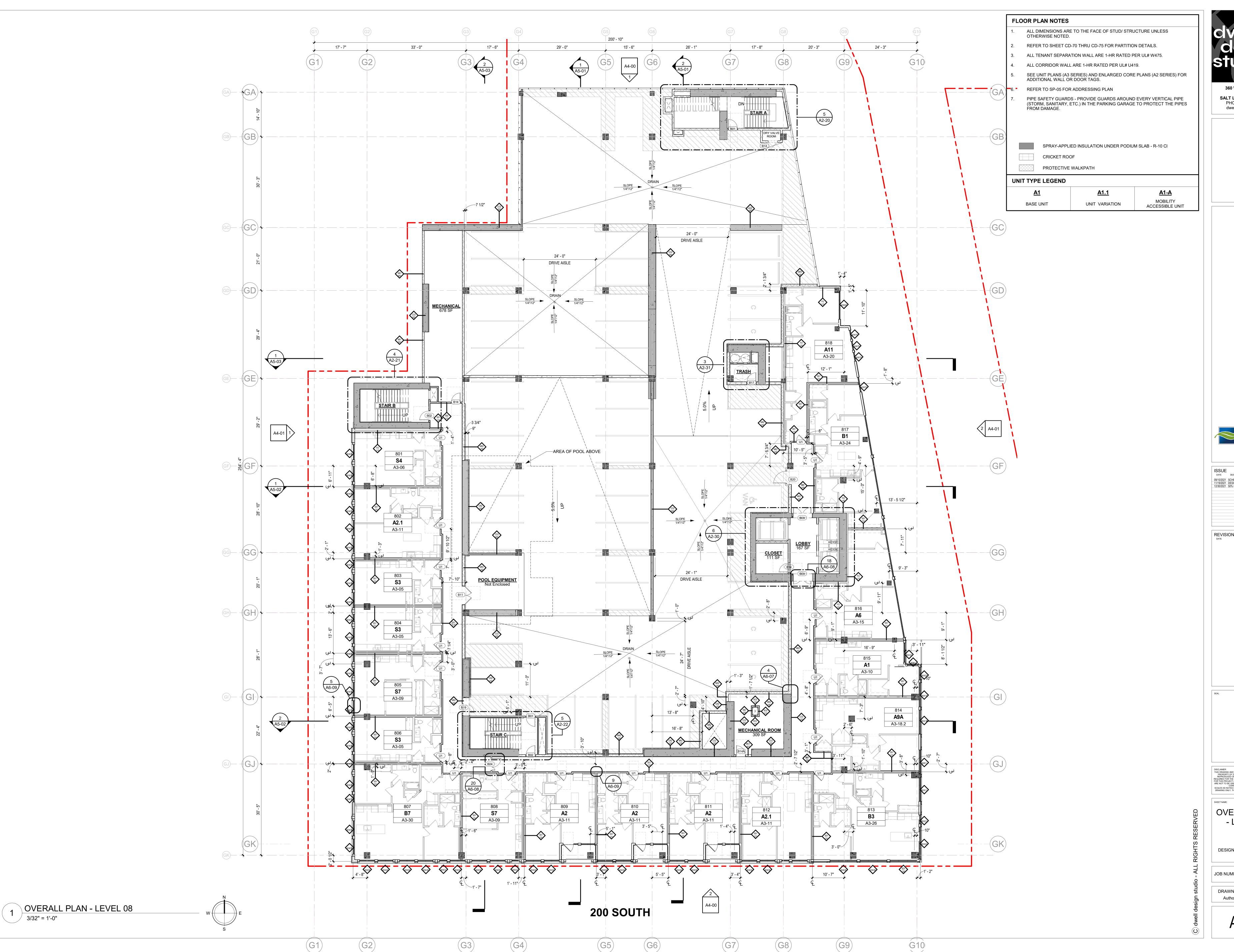


OVERALL PLAN - LEVEL 07

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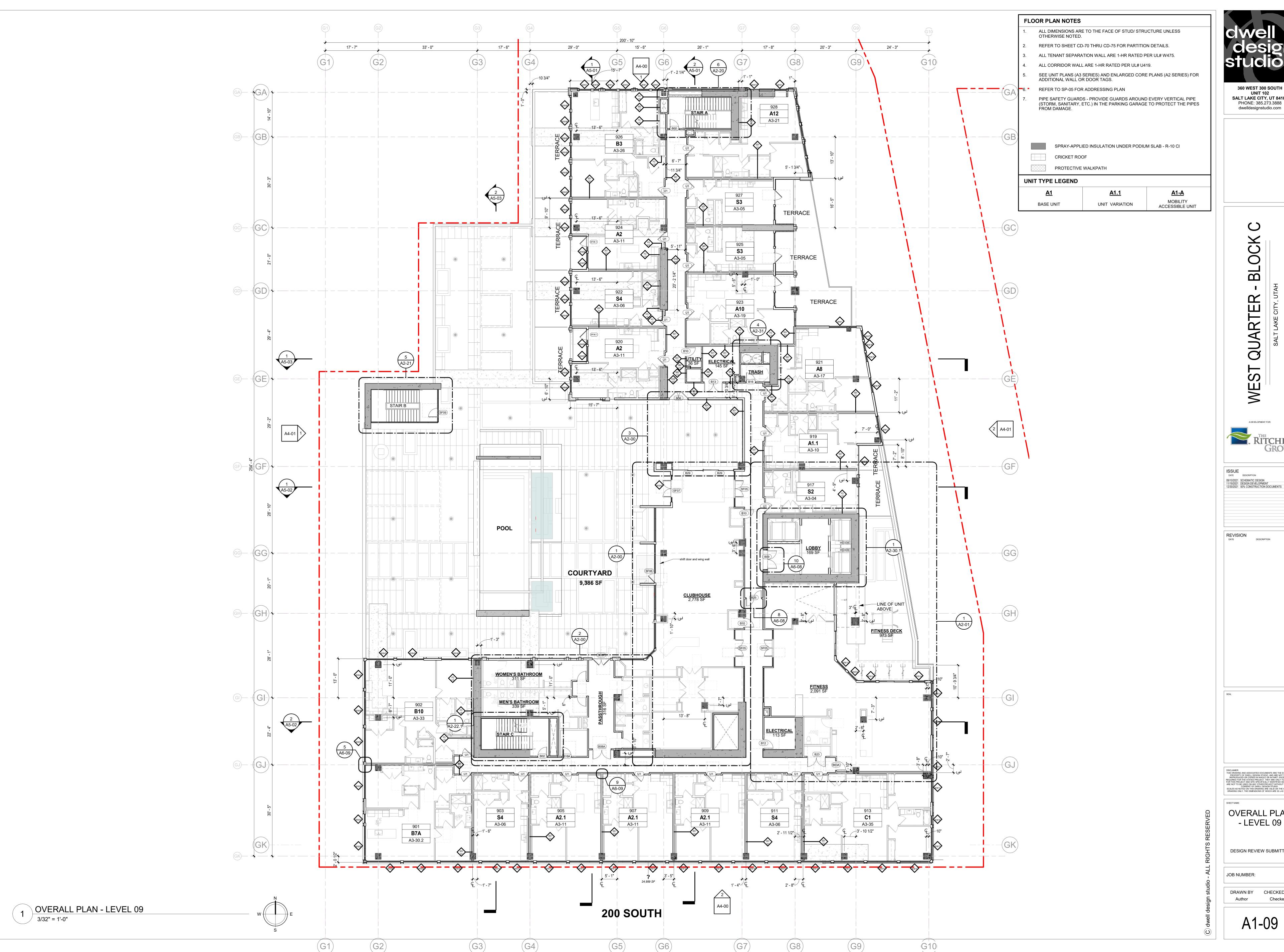


OVERALL PLAN - LEVEL 08

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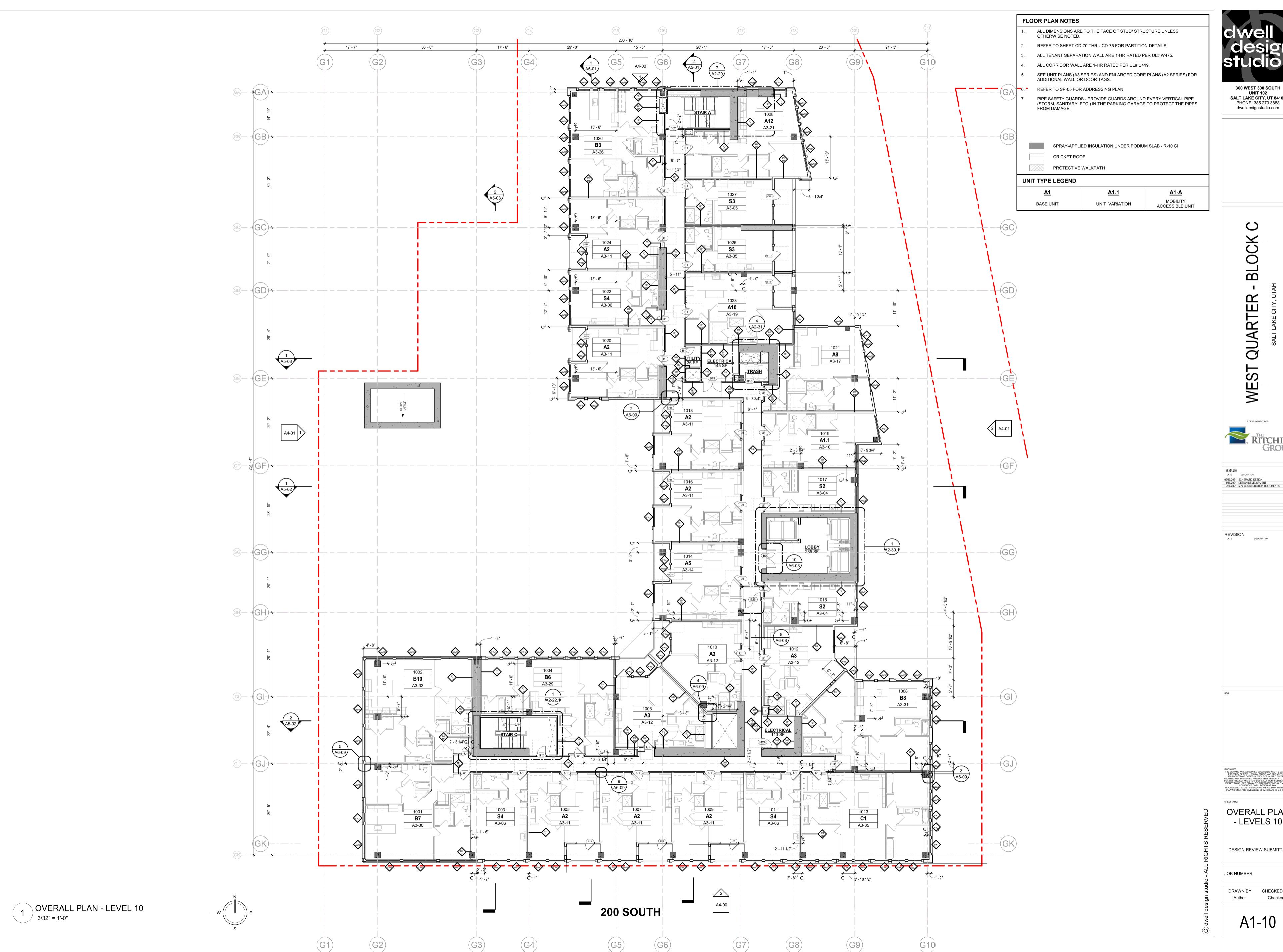
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OVERALL PLAN - LEVEL 09

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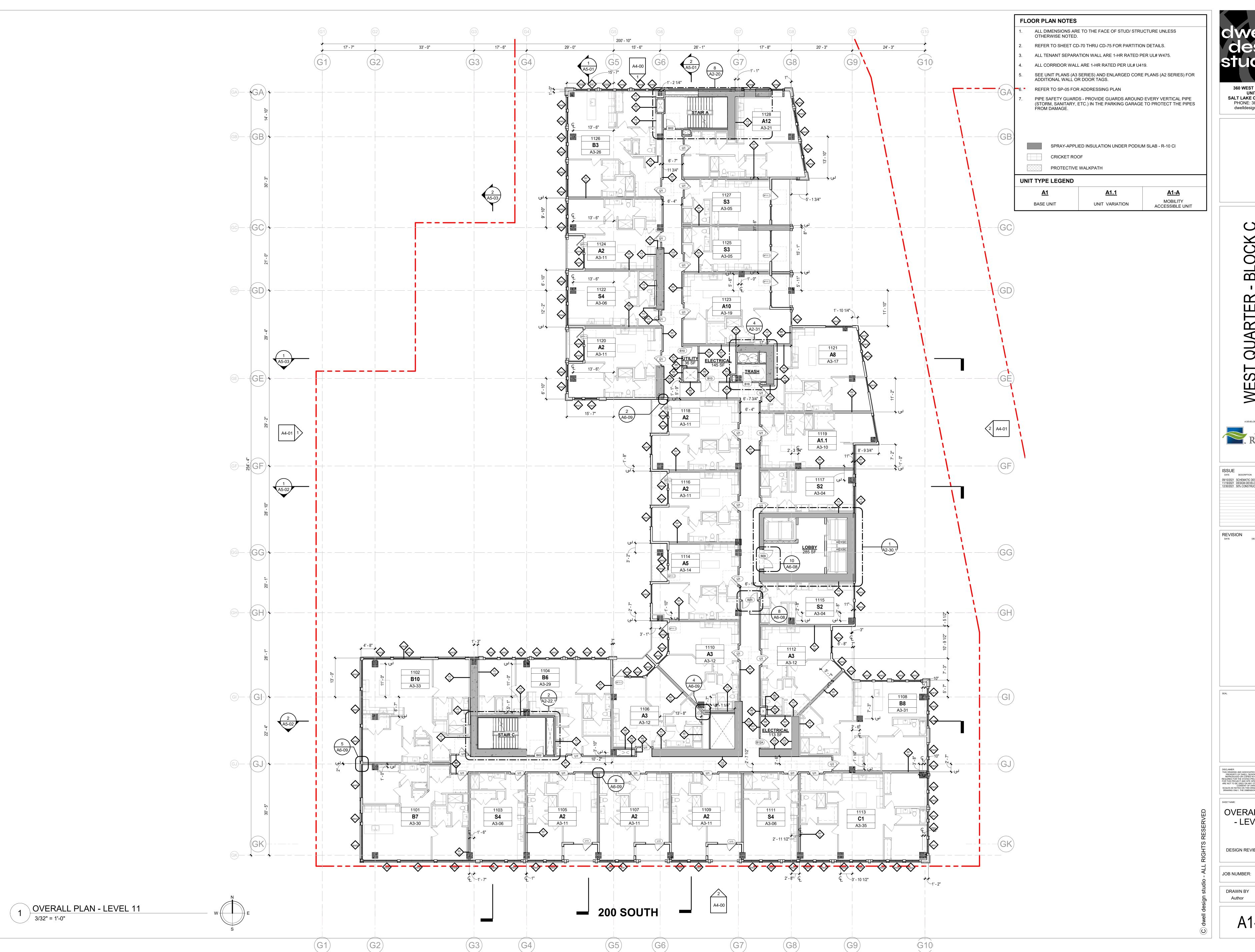
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OVERALL PLAN - LEVELS 10

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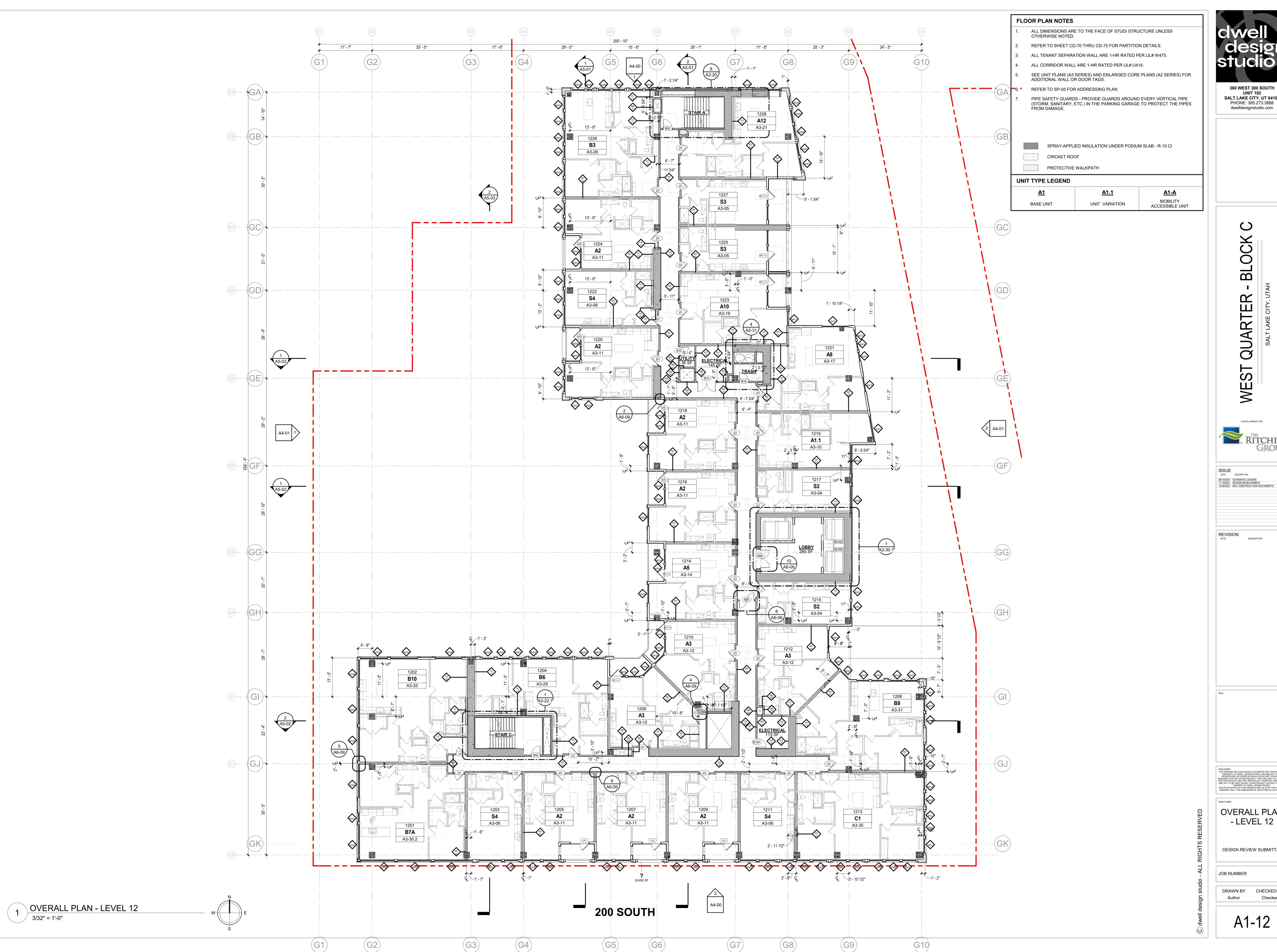
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OVERALL PLAN - LEVEL 11

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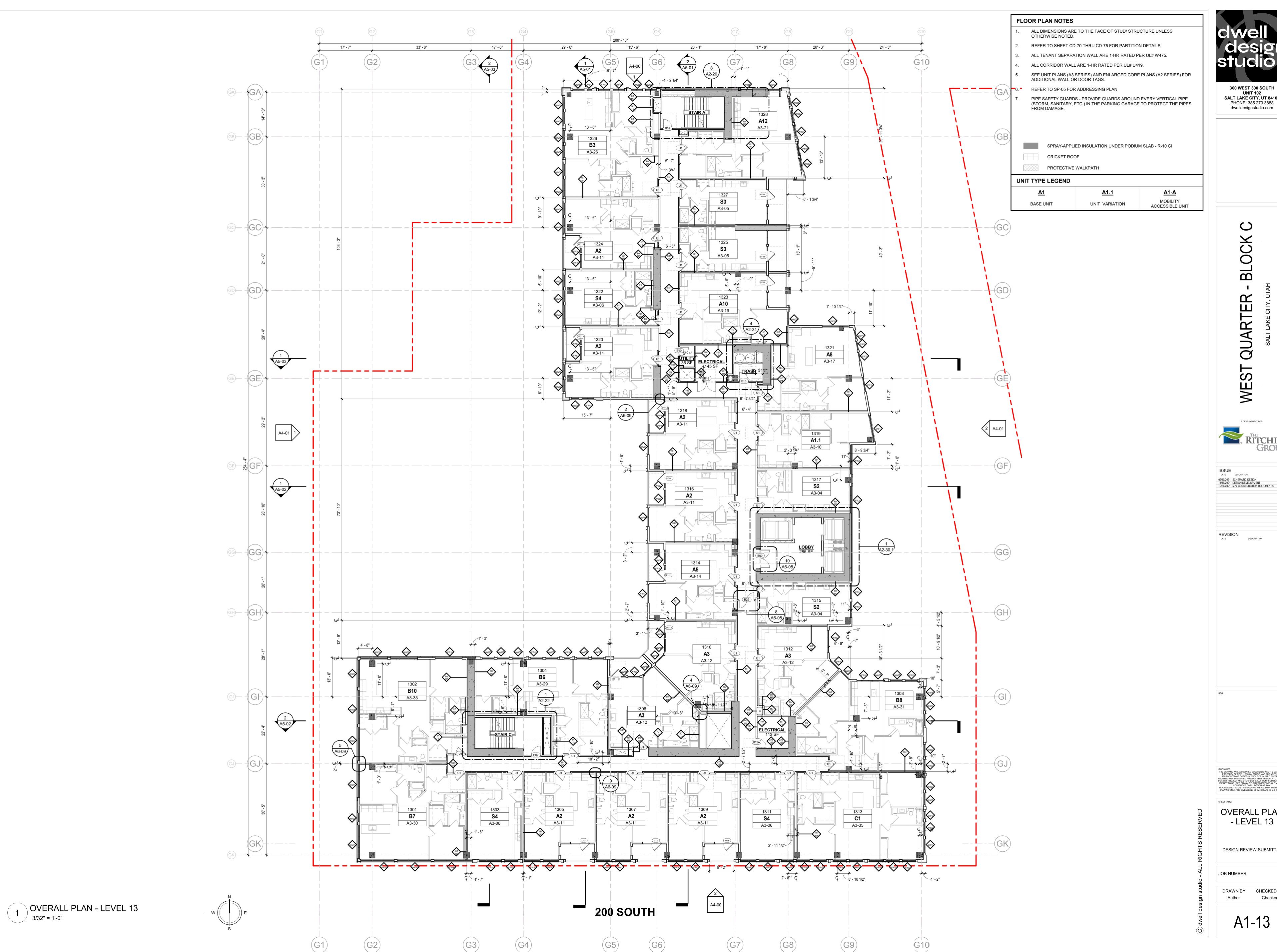


OVERALL PLAN - LEVEL 12

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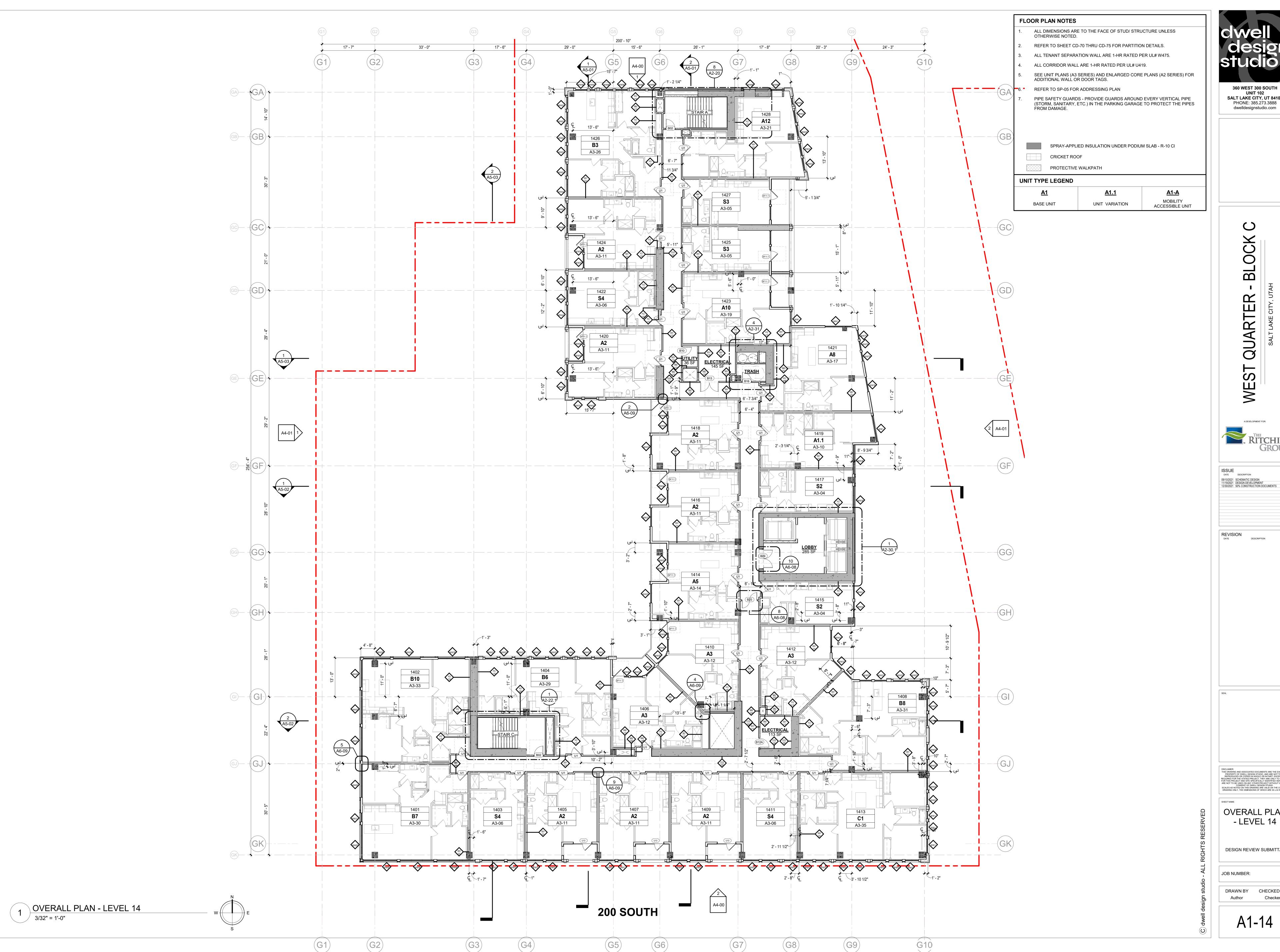




OVERALL PLAN - LEVEL 13

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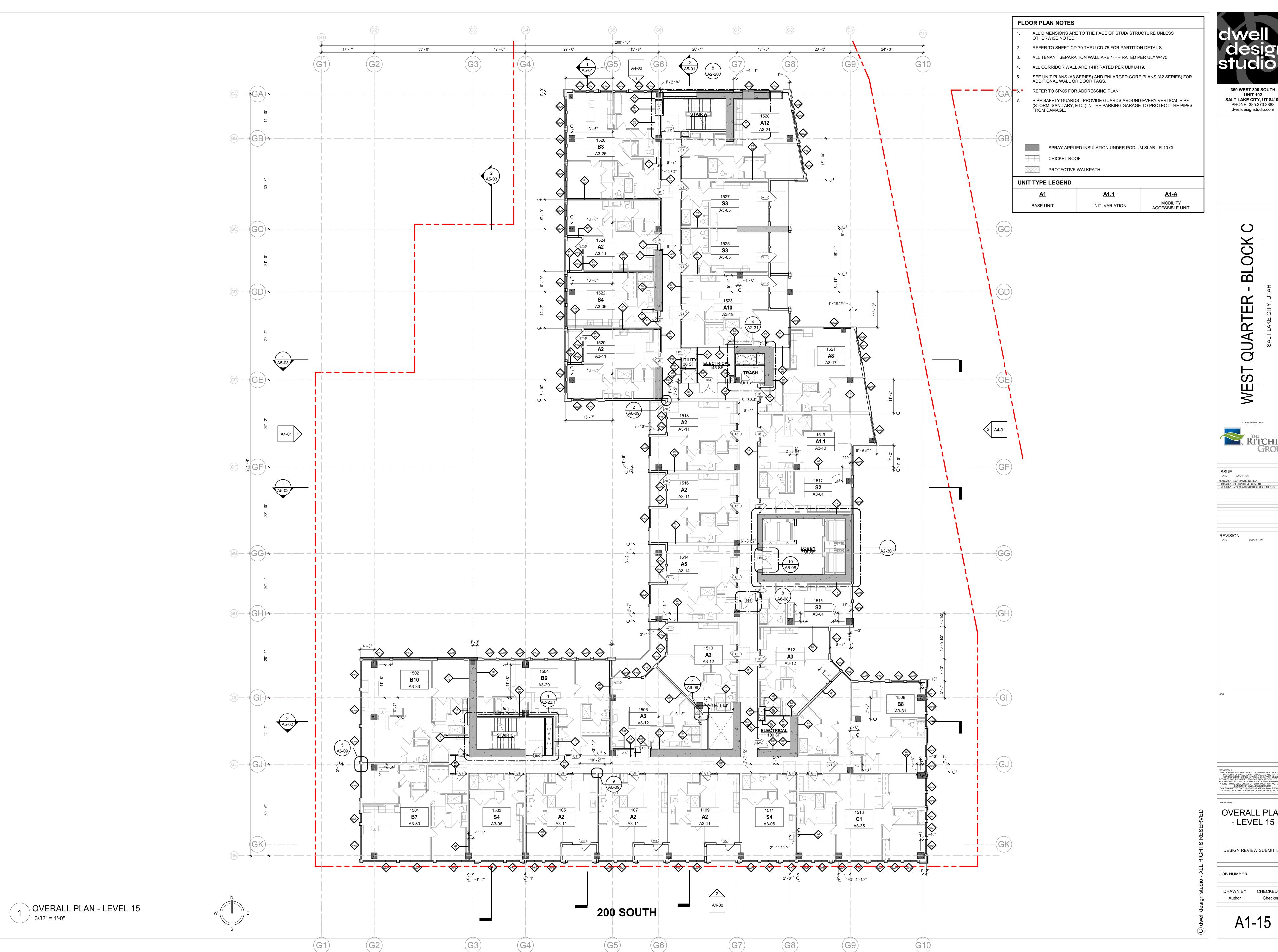
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OVERALL PLAN - LEVEL 14

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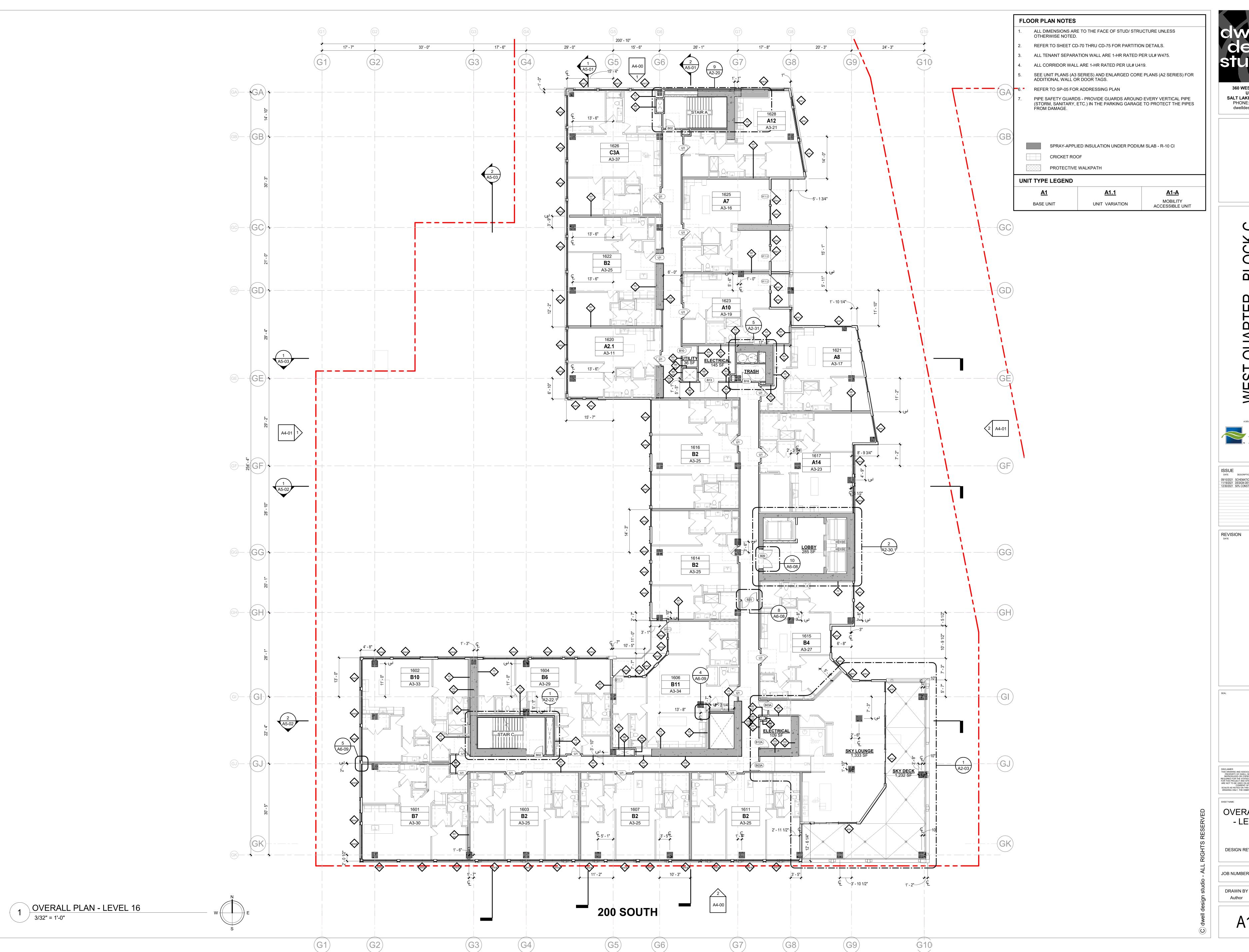
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OVERALL PLAN - LEVEL 15

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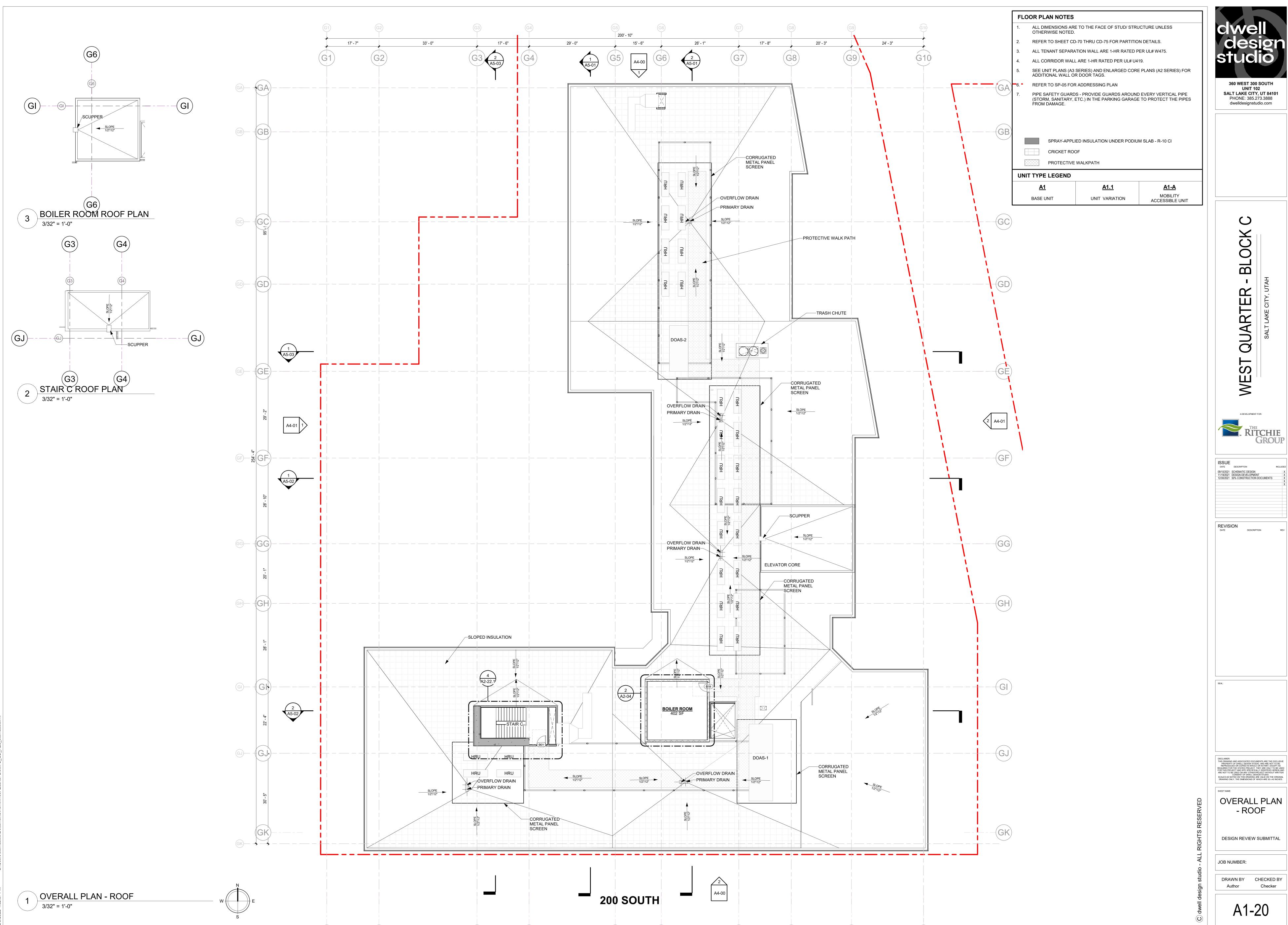


OVERALL PLAN - LEVEL 16

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(G3)

(G1)

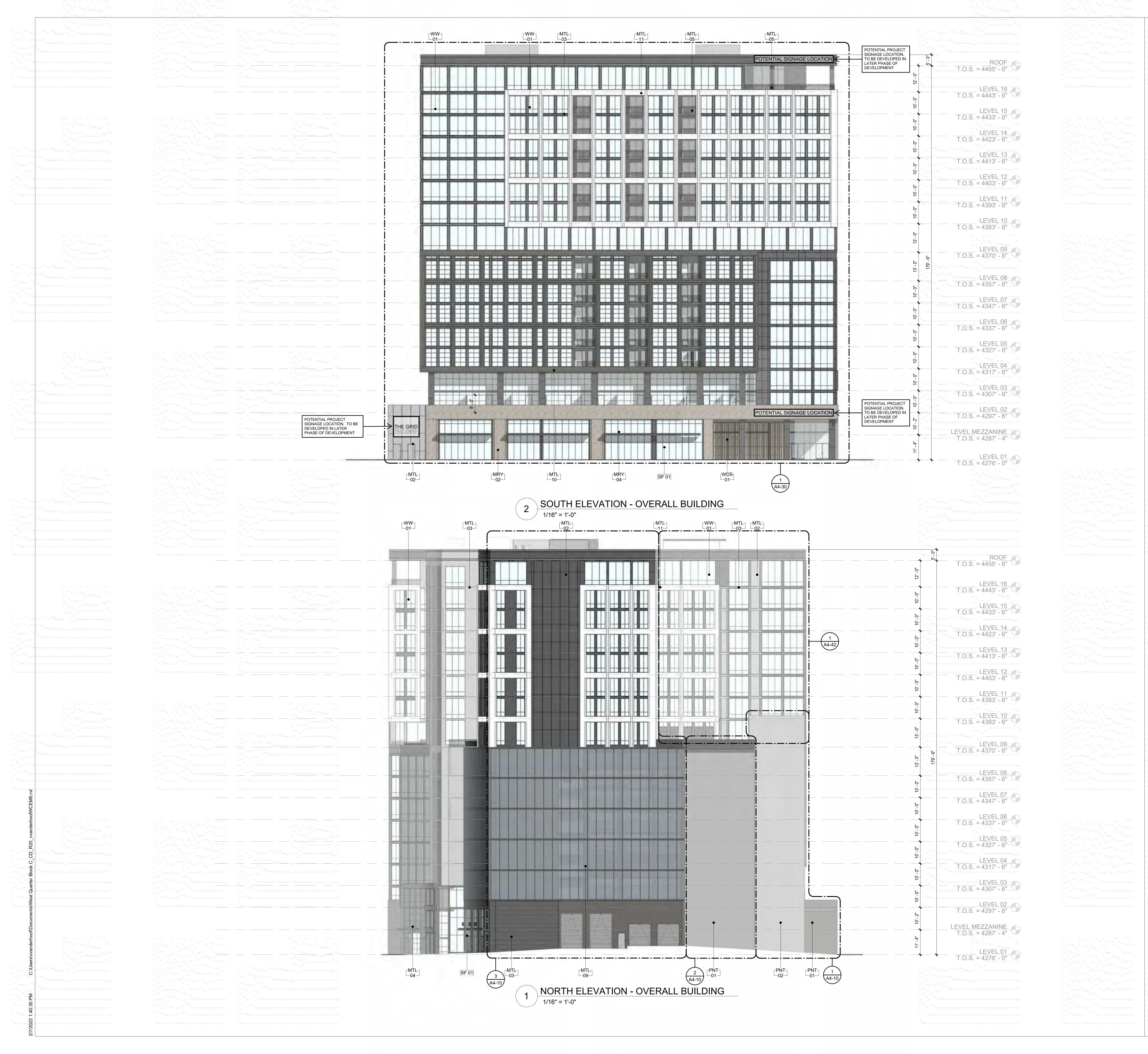
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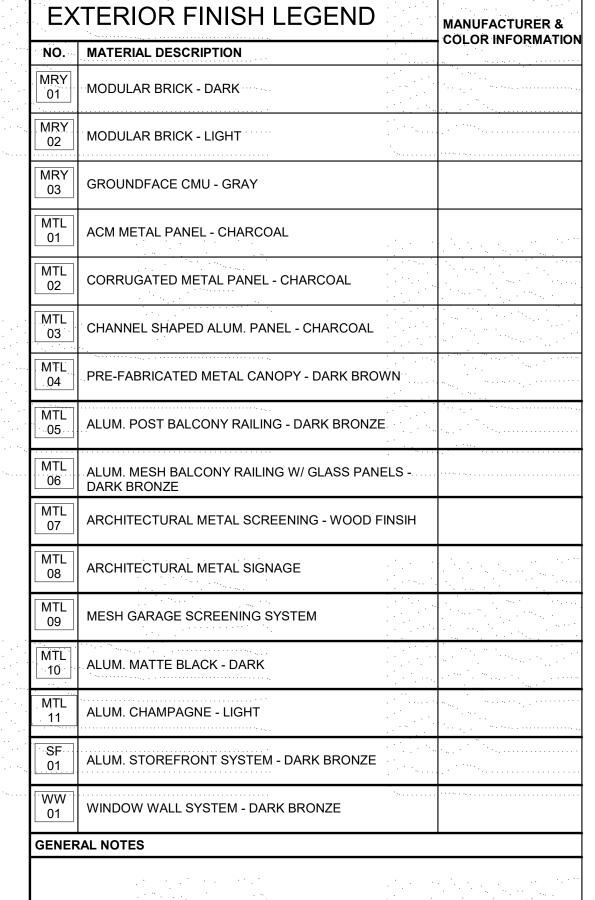
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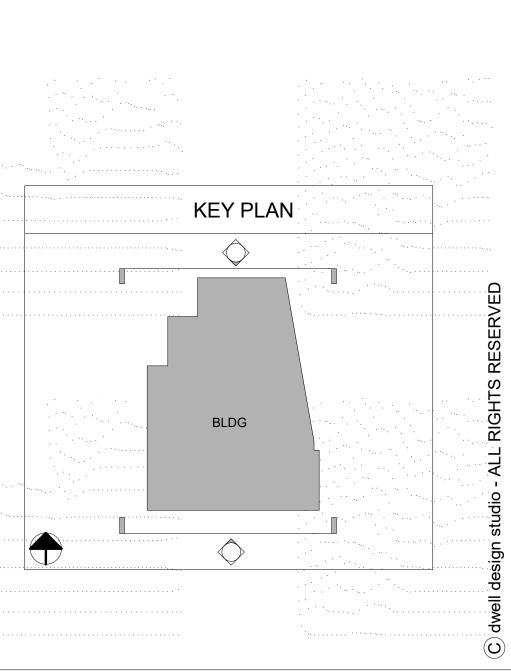
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G10









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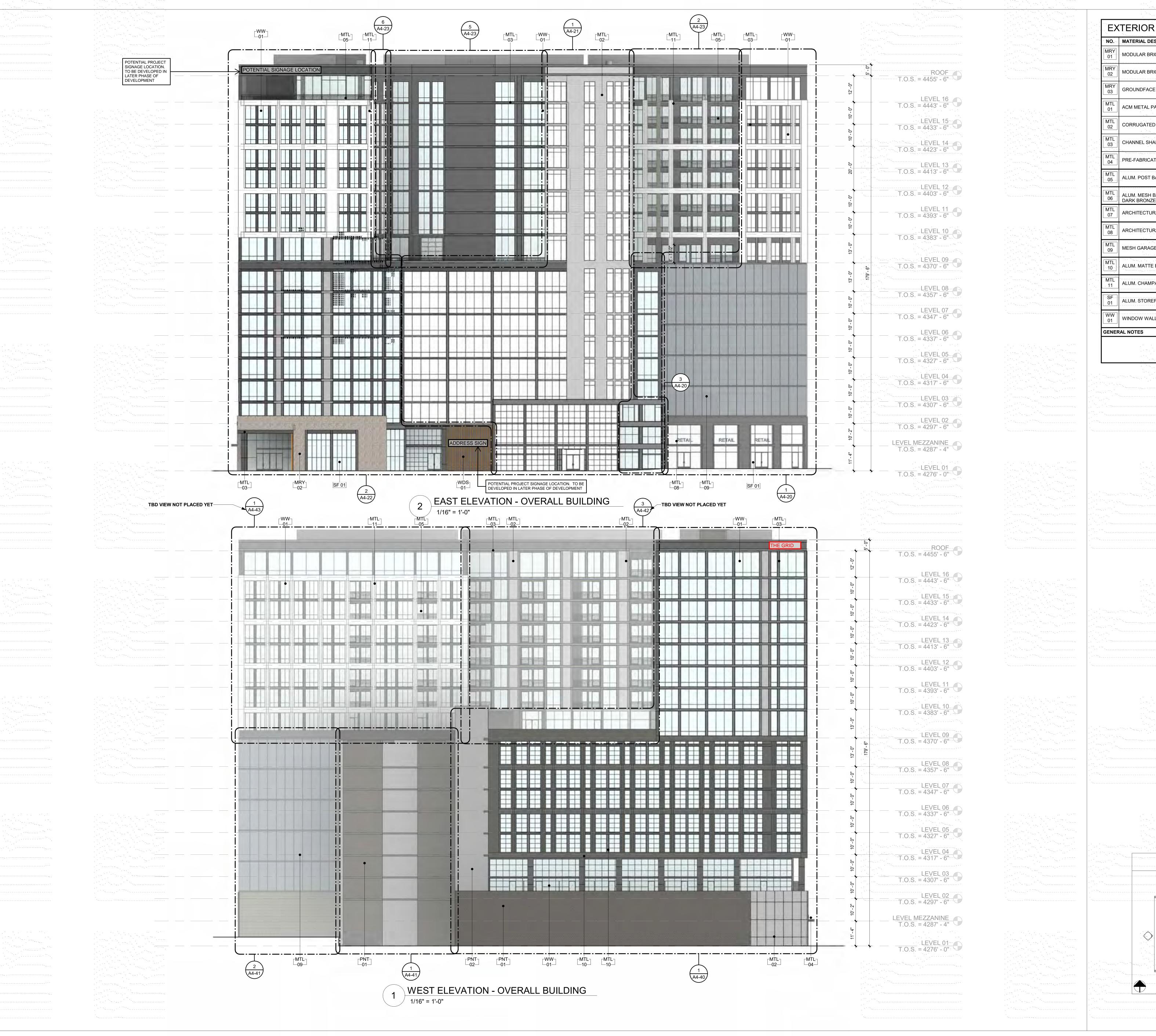
09/10/2021 SCHEMATIC DESIGN 11/19/2021 DESIGN DEVELOPMENT 12/30/2021 50% CONSTRUCTION DOCUMENTS

SHEET NAME: NORTH & SOUTH **ELEVATIONS**

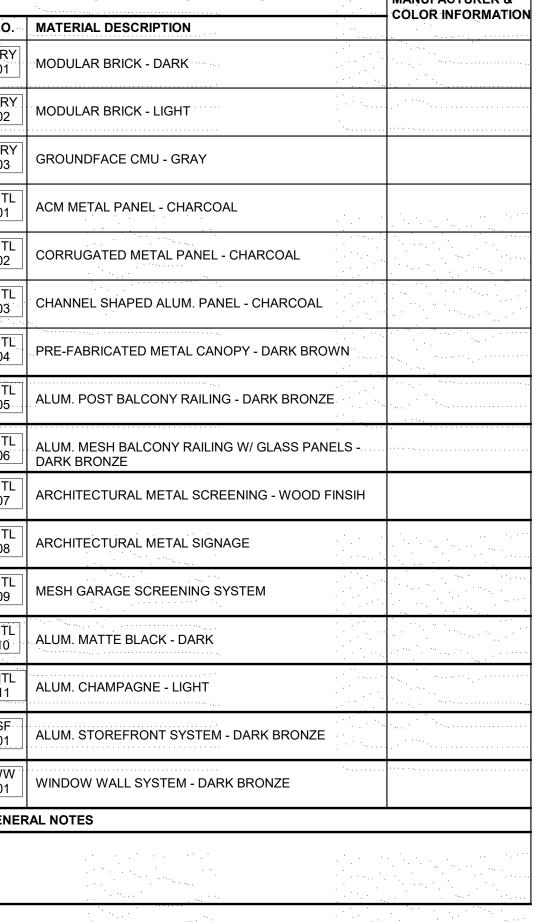
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> Author A4-00



	EXTERIOR FINISH LEGEND			MANUFACTURER & COLOR INFORMATION
	NO.	MATERIAL DESCRIPTION		
	MRY 01	· MODULAR BRICK - DARK · · · · · · · · · · · · · · · · · · ·		
	MRY 02	MODULAR BRICK - LIGHT		
	MRY 03	GROUNDFACE CMU - GRAY		
	MTL 01	ACM METAL PANEL - CHARCOAL		
	MTL 02	CORRUGATED METAL PANEL - CHARCOAL		
	MTL 03	CHANNEL SHAPED ALUM. PANEL - CHARCOAL		
	MTL 04	PRE-FABRICATED METAL CANOPY - DARK BRO	WN	
	MTL 05	ALUM. POST BALCONY RAILING - DARK BRONZE		
	MTL 06	ALUM. MESH BALCONY RAILING W/ GLASS PAN DARK BRONZE	ELS	
	MTL 07	ARCHITECTURAL METAL SCREENING - WOOD F		
	MTL 08	ARCHITECTURAL METAL SIGNAGE		
	MTL 09	MESH GARAGE SCREENING SYSTEM		
	MTL 10	ALUM. MATTE BLACK - DARK		
	MTL 11	ALUM. CHAMPAGNE - LIGHT		
	SF 01	ALUM. STOREFRONT SYSTEM - DARK BRONZE		
	01	WINDOW WALL SYSTEM - DARK BRONZE	***************************************	
	GENERAL NOTES			



KEY PLAN

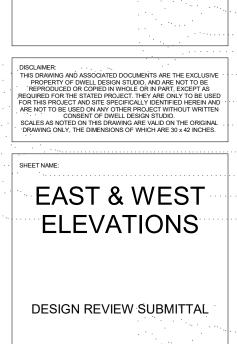
BLDG



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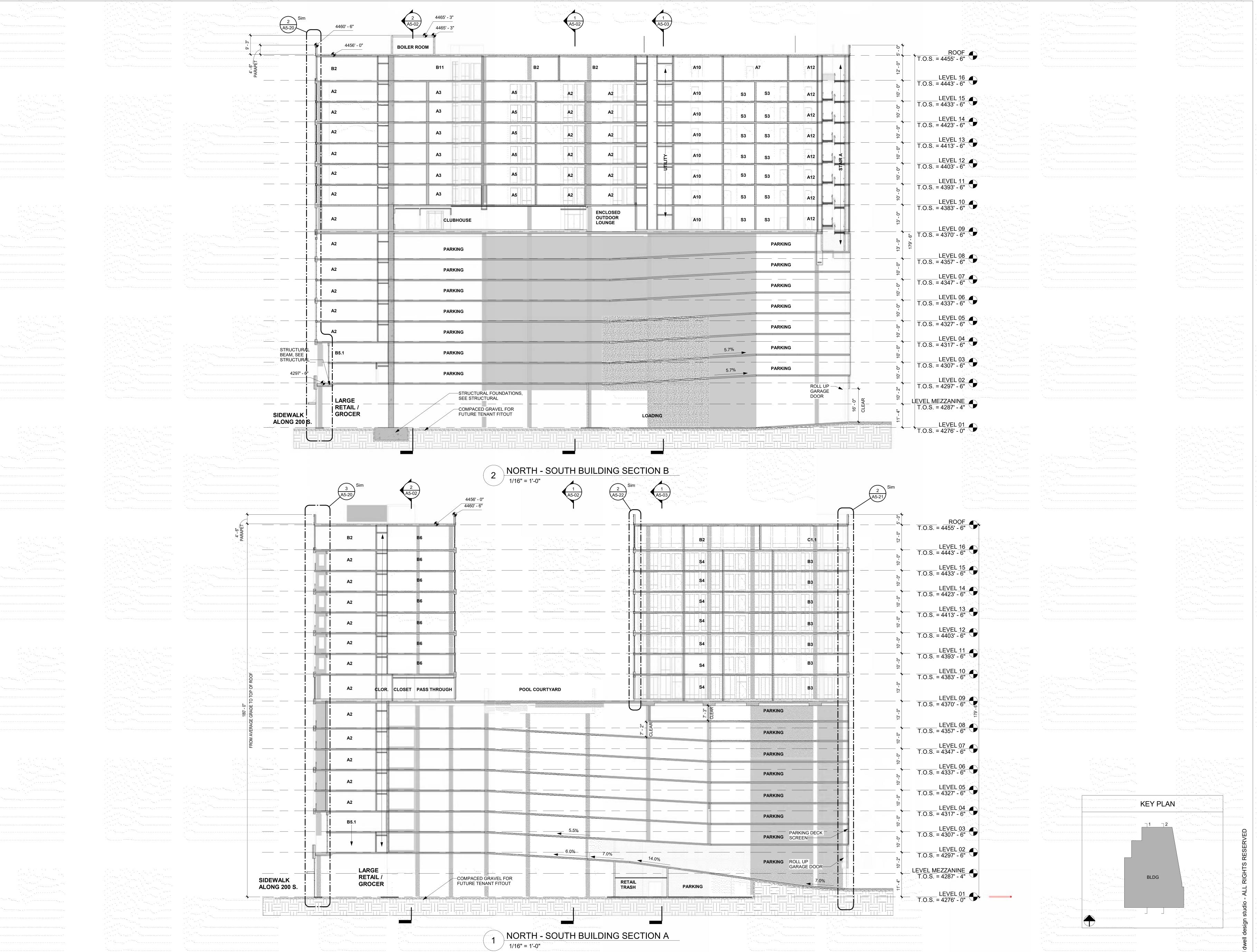
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BLOCK

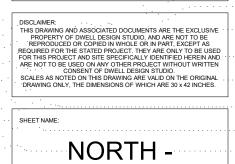
QUARTER WEST

ISSUE
DATE DESCRIPTION

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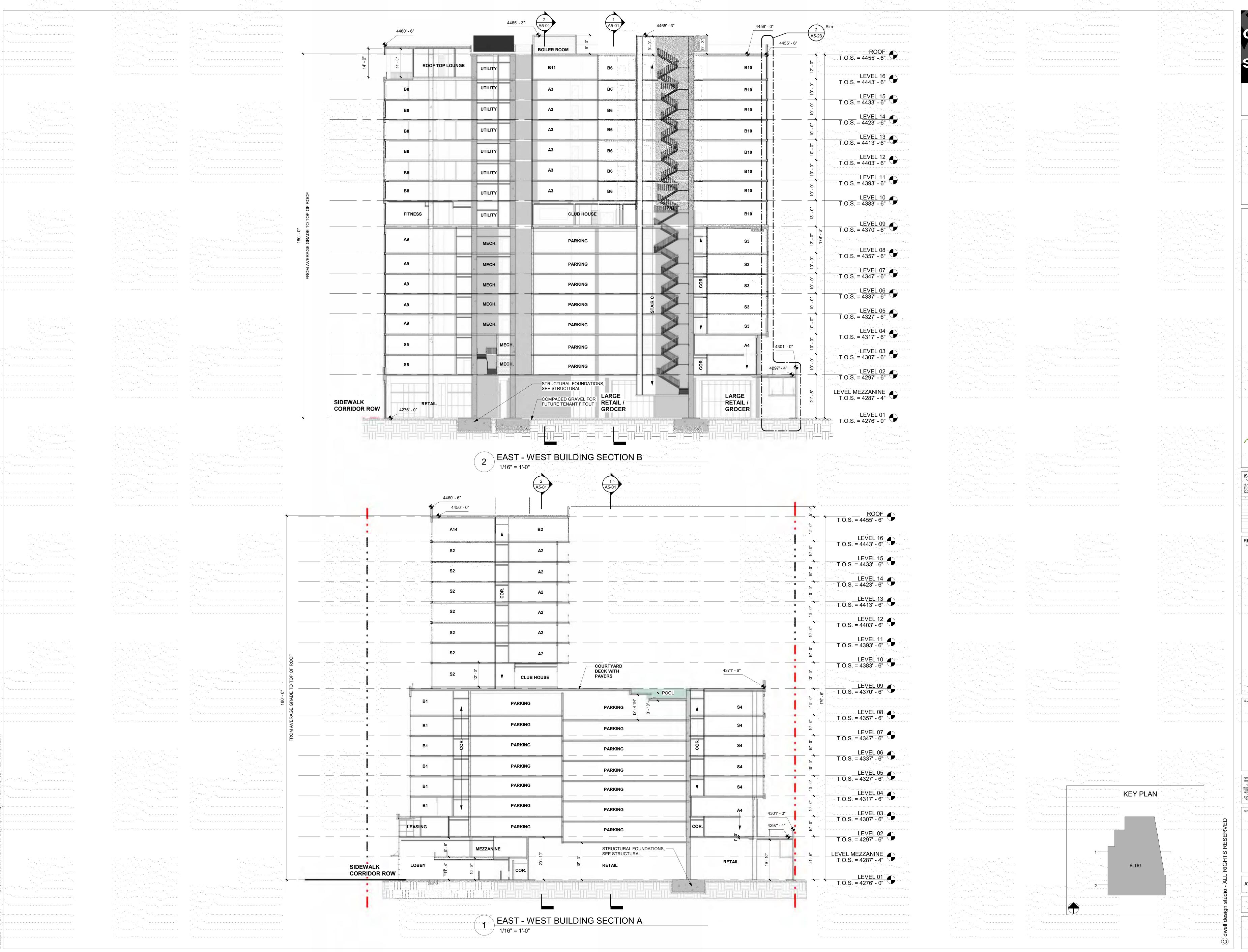


NORTH -SOUTH BUILDING SECTIONS DESIGN REVIEW SUBMITTAL

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A5-01





S-BLOCK C

WEST QUARTER - E

ADEVELOPMENT FOR:

THE RITCHIE GROUP

REVISION DESCRI

SEAL:

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SHEET NAME:

EAST—WEST

EAST- WEST
BUILDING
SECTIONS

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JOB NUMBER:

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A5-02