

IN RE:)	
)	
Leadville Trading)	KETCHUM PLANNING AND ZONING COMMISSION
Conditional Use Permit)	FINDINGS OF FACT, CONCLUSIONS OF LAW, AND
Date: April 11, 2023)	DECISION
)	
File Number: P22-066A)	

PROJECT: Leadville Trading

APPLICATION TYPE: Conditional Use Permit

FILE NUMBER: P22-066A

ASSOCIATED APPLICATIONS: Design Review (P22-066)

REPRESENTATIVE: Lucas Winter – The Jarvis Group Architects (Architect)

OWNER: Acquire Realty, LLC

LOCATION: 211 N Leadville Ave – Lot 5 Block 3, Ketchum Townsite

ZONING: Community Core – Subdistrict 2 – Mixed Use (CC-2)

OVERLAY: None

RECORD OF PROCEEDINGS

The City of Ketchum received the application for Final Design Review and Conditional Use Permit on November 28, 2022. The Final Design and CUP applications have been reviewed concurrently and were deemed complete on December 30, 2022. Department comments were provided to the applicant on December 30, 2022, outlining code compliance issues and feedback on design review criteria. Staff received revised submittals from the applicant in January 2023 and providing another set of comments on January 26, 2023. As of the date of this report, all comments have been resolved.

A public hearing notice for the project was mailed to all owners of property within 300 feet of the project site and all political subdivisions on March 8, 2023. The public hearing notice was

published in the Idaho Mountain Express on March 8, 2023. A notice was posted on the project site and the city's website on March 21, 2023, and March 13, 2023 respectively. Story poles were verified on the subject property on March 21, 2023.

The Planning and Zoning Commission (the "Commission") conducted their review of the Design Review (Application No. P22-066) and the Conditional Use Permit (Application No. P22-066A) applications concurrently at their March 28, 2023 hearing. After considering staff's analysis, the applicant's presentation, and public comment, the Commission approved the Design Review application unanimously and approved the Conditional Use Permit unanimously.

BACKGROUND

The Applicant is proposing an 6,039 square foot two-story commercial development known as Leadville Trading (the "project"), located at 222 N Leadville Avenue (the "subject property"). The subject property is a vacant corner lot zoned Community Core -Subdistrict 2 - Mixed Use (CC-2) just southeast of Vintage Restaurant and the McCann Daech Fenton Realtors office, across from the Kneadery and another vacant lot on the opposite corner. As proposed, the project includes a 3,088 square foot basement with circulation and storage, 2,591 net square feet of restaurant space on the ground floor, 2,575 net square feet of office on the second floor.

Based on the size and use of the units, no parking spaces are required for the project. The applicant has requested a conditional use permit to allow for the creation of three on-site parking spaces in the rear of the building accessed from the alley. The project proposes two two-car garages. The project proposes to take advantage of the Floor Area Ratio (FAR) bonus in exchange for community housing, mitigating the additional floor area by making a community housing in-lieu payment. The total FAR for the project is 1.1, where 1.0 is permitted by right.

The project will construct improvements to the right-of-way per the City of Ketchum improvement standards including, streetlights, asphalt alley, curb and gutter, and 8-foot sidewalks. The project proposes a paver sidewalk and to snowmelt the sidewalks adjacent to the project. The city engineer and streets department has conducted a preliminary review of all improvements and believes the improvements to meet the city's standards. Final review of all improvements to the right-of-way will be conducted by the City Engineer and Streets Department prior to issuance of a building permit. An encroachment permit approved by the City Council will be required for the sidewalk pavers and snow melt system.

FINDINGS OF FACT

The Commission, having reviewed the entire project record, provided notice, and conducted the required public hearing, does hereby find that the criteria for a Conditional Use Permit is met and does hereby make and set forth these Findings of Fact, Conclusions of Law, and Decision as follows:

FINDINGS REGARDING CONDITIONAL USE PERMIT CRITERIA

Pursuant to KMC Section 17.116.030, the application for a conditional use permit meets all of the required criteria as outlined in the findings below.

- Criteria 1 The characteristics of the conditional use will not be unreasonably incompatible with the types of uses permitted in the applicable zoning district;
 - O Analysis: Until the adoption of Interim Ordinance 1234, parking was required for office uses in the community core subdistricts. Additionally, the preferred location of on-site parking is off the alley. All recent developments on single Ketchum townsite lots in the community core has provided alley loaded on-site parking spaces perpendicular to the alley for ease of access. The project proposes to locate the requested parking off the alley in a perpendicular fashion consistent with other development within the community core. Finally, the proposed parking is set back 3 feet from the property line which ensures that vehicles will not stick out into the alley and obstruct alley uses. Staff believes the allowance of the on-site parking spaces is compatible with other uses permitted in the zone district as the location and orientation are consistent with that of other similar projects.
- Criteria 2 The conditional use will not materially endanger the health, safety and welfare of the community;
 - Analysis: As the spaces are set back from the property line, vehicles parked in the spaces
 will not obstruct the use of the alley nor will it inhibit the safe use of nearby pedestrian
 corridors. Staff does not believe the on-site parking will endanger the health, safety and
 welfare of the community.
- Criteria 3 The conditional use is such that pedestrian and vehicular traffic associated with the use will not be hazardous or conflict with existing and anticipated traffic in the neighborhood;
 - o Analysis: As noted above, the spaces are located in the rear of the building accessed from the alley. The set back of the parking spaces ensures that vehicles will not obstruct free and clear use of the alley. Additionally, the parking spaces can be accessed from the sidewalk through a door on the 2nd Street side of the building and the building contains a rear entrance near the parking with a designated route. Both of these features ensure that pedestrian come from or to the parking area can access the vehicles safely without having to walk through the alley. Staff believes that the location and accessibility of the proposed parking ensures that the use is not hazardous and does not conflict with existing and anticipated traffic.
- Criteria 4 The conditional use will be supported by adequate public facilities or services and will
 not adversely affect public services to the surrounding area, or conditions can be established to
 mitigate adverse impacts; and
 - Analysis: No public facilities are required for the proposed on-site parking. As noted above, the location of the parking spaces ensures no obstructions to free and clear use of the alley by emergency vehicles or other necessary public services.
- *Criteria 5* The conditional use is not in conflict with the policies of the comprehensive plan or the basic purposes of this chapter.
 - Analysis: The intent of Section 11.D was to support the goals of the comprehensive plan in creating a vibrant downtown and diverse economy by not over-committing valuable ground floor commercial space to parking or luxury residential amenities like personal storage. Staff believes the proposed uses in the project positively contribute to the vibrancy of the downtown with the ground floor restaurant as the community has seen

a decrease in restaurants in the past couple of years. In addition, 78% of the ground floor is dedicated to commercial uses. This percentage demonstrates that the project is designed to prioritize commercial uses. Additionally, the comprehensive plan encourages parking reductions to incentivize development of desired uses but acknowledges that parking in the community core may become challenging in the future. Overall, staff believes the on-site parking spaces does not conflict with the policies of the comprehensive plan as the proposed project still significantly contributes to the vibrancy of downtown and diverse economy with the uses proposed.

CONCLUSIONS OF LAW

- 1. The City of Ketchum is a municipal corporation established in accordance with Article XII of the Constitution of the State of Idaho and Title 50 Idaho Code and is required and has exercised its authority pursuant to the Local Land Use Planning Act codified at Chapter 65 of Title 67 Idaho Code and pursuant to Chapters 3, 9 and 13 of Title 50 Idaho Code to enact the ordinances and regulations, which ordinances are codified in the Ketchum Municipal Code ("KMC") and are identified in the Findings of Fact and which are herein restated as Conclusions of Law by this reference and which City Ordinances govern the applicant's Conditional Use Permit application for the development and use of the project site.
- 2. The Commission has authority to hear the applicant's Conditional Use Permit Application pursuant to Chapter 17.116 of Ketchum Municipal Code Title 17.
- 3. The City of Ketchum Planning Department provided notice for the review of this application in accordance with Ketchum Municipal Code §17.116.040.
- 4. The Conditional Use Permit application is governed under Ketchum Municipal Code Chapters 17.116.
- 5. The Conditional Use Permit application meets all applicable standards specified in Title 17 of Ketchum Municipal Code.

DECISION

THEREFORE, the Commission **approves** this Conditional Use Permit Application File No. P22-066A this Tuesday, April 11, 2023, subject to the following conditions of approval.

CONDITIONS OF APPROVAL

1. This Conditional Use Permit approval is based on the architectural plan set presented at the February 28, 2023 Planning and Zoning Commission meeting, included as Exhibit A to these findings. Building Permit Plans must conform to the approved plans unless otherwise approved in writing by the Commission or the Planning and Zoning

- Administrator. Any building or site discrepancies which do not conform to the approved plans will be subject to removal.
- 2. This Conditional Use Permit is not transferable from one parcel of land to another.
- 3. The term of this Conditional Use Permit shall be that of Design Review approval P22-066. In the event the Design Review approval expires, this Conditional Use Permit approval shall also expire and become null and void.
- 4. In addition to the requirements set forth in this Design Review approval, this project shall comply with all applicable local, state, and federal laws.

Findings of Fact **adopted** this 11th day of April 2023.

Neil Morrow, Chair City of Ketchum Planning and Zoning Commission



Exhibit A: Design Review Plan Set

LEADVILLE TRADING



PROJECT TEAM

PROJECT TABULATION

THE JARVIS GROUP ARCHITECTS, AIA, PLLC 511 SUN VALLEYROAD, SUITE 202

SURVEYOR/CIVIL:

PHONE: 208.726.4031

ARCHITECT:

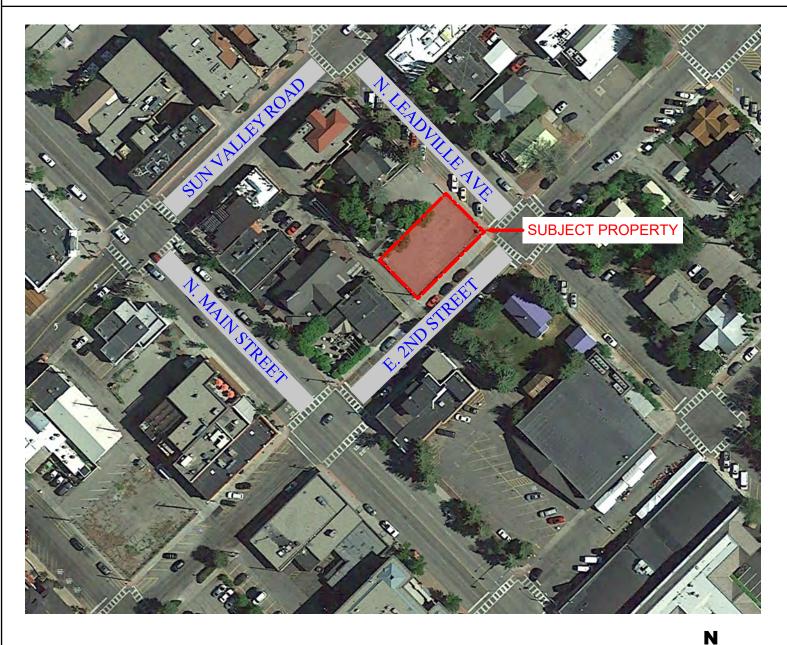
P.O. BOX 626

GALENA ENGINEERING INC. CIVIL ENGINEERS AND LAND SURVEYORS 317 NORTH RIVER STREET HAILEY, ID 83333 PHONE: 208.788.1705

ONS
3,303 SF
2,736 SF
6,039 SF
3,088 SF
9,127 SF

FLOOR AREA CALCULATIONS			
5,504 SF			
6039 SF			
1.10%			
535 SF			

VICINITY MAP



GENERAL NOTES

- 1. THIS PROJECT SHALL COMPLY WITH THE 2018
- INTERNATIONAL BUILDING CODE. 2. CONTRACTOR SHALL COORDINATE ALL REQUIRED INSPECTIONS BY KETCHUM BUILDING AND FIRE DEPARTMENTS, STATE ELECTRICAL INSPECTOR OR OTHER GOVERNING AUTHORITIES, AS NECESSARY.
- 3. CONTRACTOR SHALL OBTAIN AND PAYFOR ALL TEMPORARY UTILITIES, INCLUDING ELECTRICITY NECESSARY FOR CONSTRUCTION.
- 4. ALL CONSTRUCTION DEBRIS IS TO BE STOCKPILED NEATLY ON SITE UNTIL DISPOSAL, WHICH SHALL BE DONE AT THE COUNTY LANDFILL OR RECYCLING FACILITY ONLY.
- 5. EXCEPT AT INTERIOR ELEVATIONS, AND UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE GIVEN TO FACE OF ROUGH FRAMING, CENTERLINE OF COLUMNS, OR FACE OF CONCRETE AND C.M.U. WALL. GIVEN DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR SHALL TAKE EXTRA CAUTION TO COORDINATE DIMENSIONS OF STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION. VERIFY ANY DISCREPANCIES WITH ARCHITECT.
- 6. CONTRACTOR SHALL PROVIDE STORAGE FOR ALL BUILDING MATERIALS IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
- 7. ALL SUBSTITUTIONS ARE TO BE APPROVED BY ARCHITECT. ALONG WITH WRITTEN REQUESTS, CONTRACTOR SHALL PROVIDE ALL INFORMATION REGARDING THE SUBSTITUTION IN QUESTION, INCLUDING AVAILABILITYAND REASON FOR SUBSTITUTION.

8. SOLID WOOD BLOCKING, INSULATION OR OTHER FIRE STOP MATERIAL IS TO BE PROVIDED BETWEEN STORIES, BETWEEN TOP STORY AND ROOF SPACE, BETWEEN STAIR STRINGERS ATTOP AND BOTTOM, BETWEEN STUDS ALONG STAIR RUNS AND ATALL OTHER PLACES THAT COULD AFFORD THE PASSAGE OF FLAME. FIRE STOPS BETWEEN CHIMNEY AND WOOD FRAME SHALL BE NON-COMBUSTIBLE.

- 9. CONTRACTOR SHALL PROVIDE SAMPLES OF ALL FINISHES AND STAIN COLORS FOR APPROVAL BY OWNER / ARCHITECT. THIS INCLUDES INTERIOR AND EXTERIOR STAINS, INTERIOR PAINT, SHEETROCK TEXTURES, CHEMICALLY APPLIED METAL PATINAS, ETC.
- 10. CONTRACTOR SHALL PROVIDE RADON MITIGATION
- 11. ALL UTILITIES SHALL BE UNDERGROUND.
- 12. SMOKE DETECTORS MUST BE INTERCONNECTED WITH A POWER SOURCE FROM THE BUILDING WIRING, AND SHALL BE EQUIPPED WITH BATTERY BACKUP
- 13. ALL EXTERIOR LIGHTING SHALL BE DARK SKY COMPLIANT
- 14. THE BUILDING WILL BE EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM.

SHEET INDEX

- **COVER SHEET** SITE/LANDSCAPE PLAN A1.0
- SETBACKS/ FLOOR AREA
- A3.0 **ELEVATIONS**
- RENDERING
- EXTERIOR MATERIALS
- C0.10 CIVIL COVER SHEET
- C2.00CIVIL DETAILS
- CIVIL DETAILS

A1.1 STAKING PLAN

A1.3 SITE SURVEY

A2.0FIRST FLOOR PLAN A2.1 SECOND FLOOR PLAN

BASEMENT PLAN

A2.3 **ROOF PLAN**

A3.1 **ELEVATIONS**

E1.0 EXTERIOR LIGHTING PLAN

C1.00CIVIL PLAN

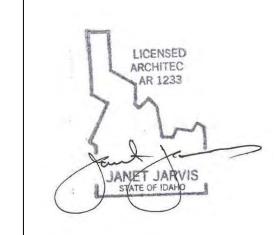
C2.10CIVIL DETAILS

LEGAL DESCRIPTION

LOT 5, BLOCK 3, KETCHUM TOWNSITE

KETCHUM, IDAHO 83340

ARCHITECT



ENGINEER

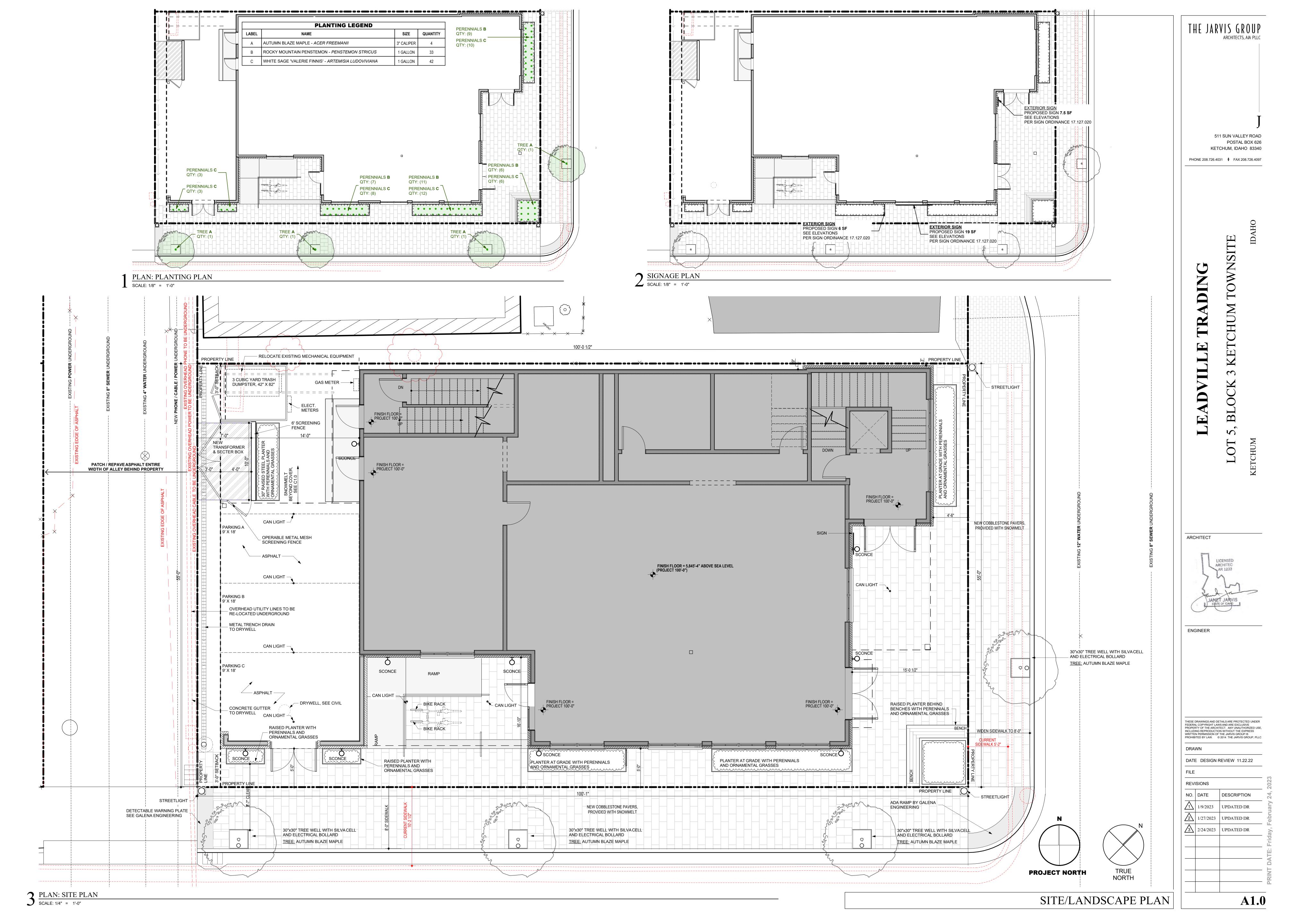
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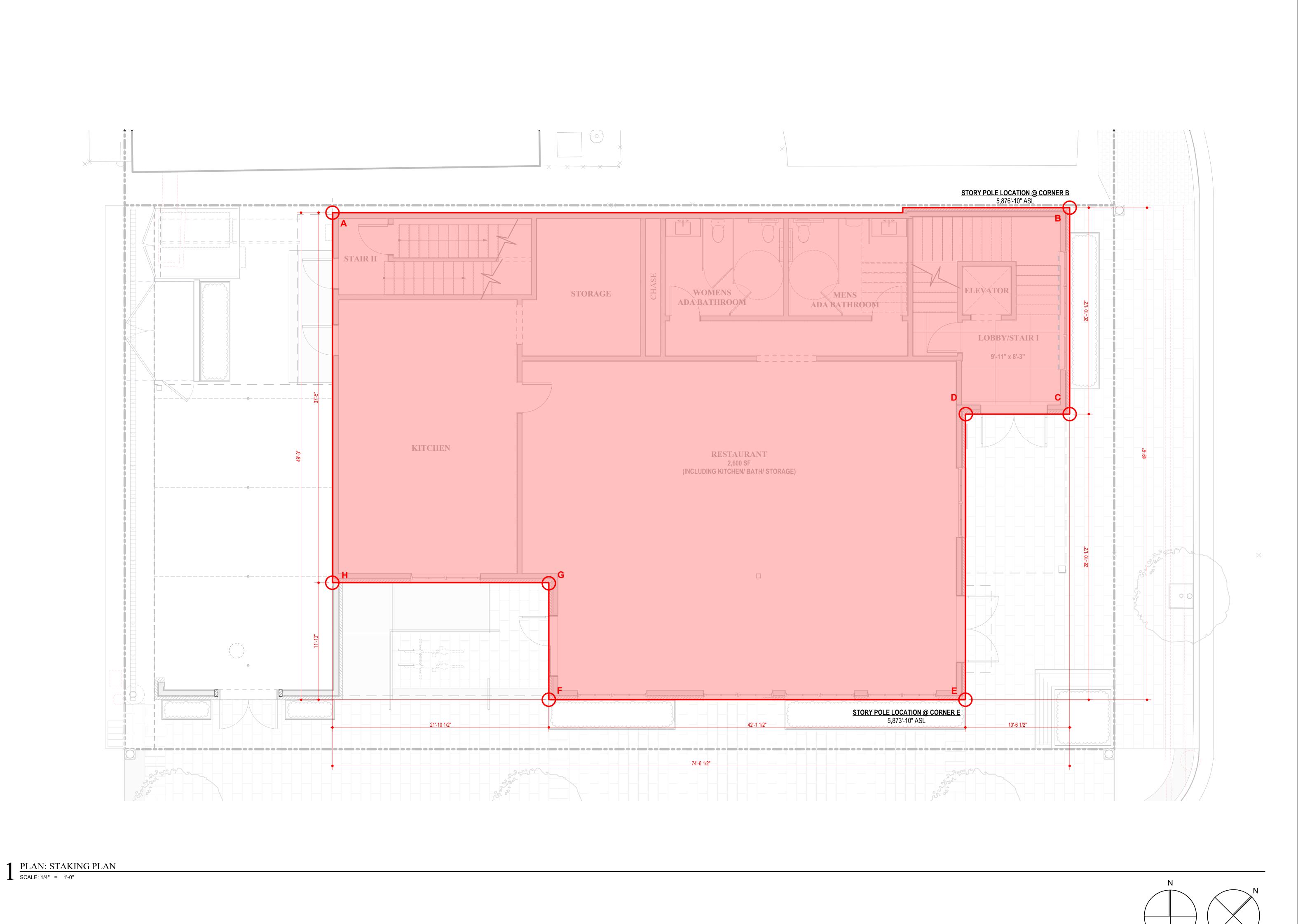
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COVERSHEET





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KETCHUM, IDAHO 83340

POSTAL BOX 626

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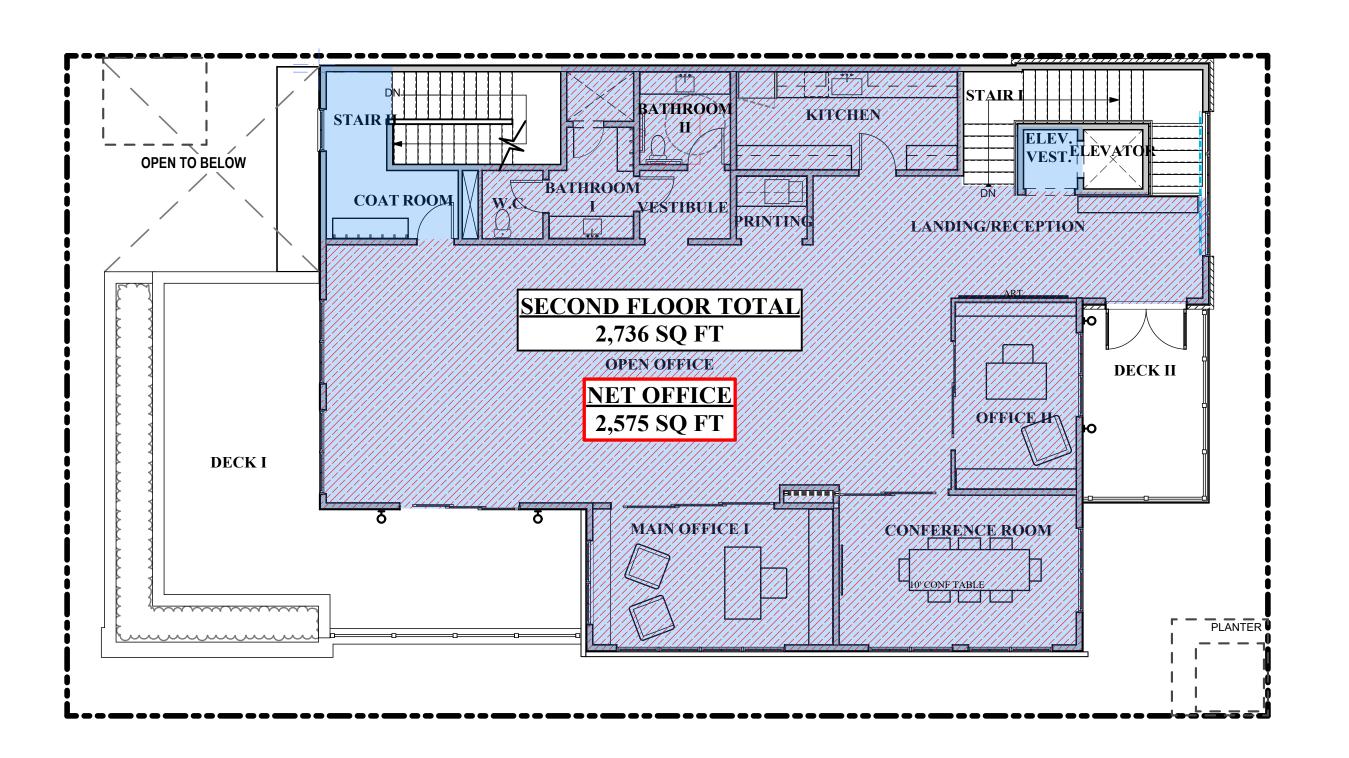
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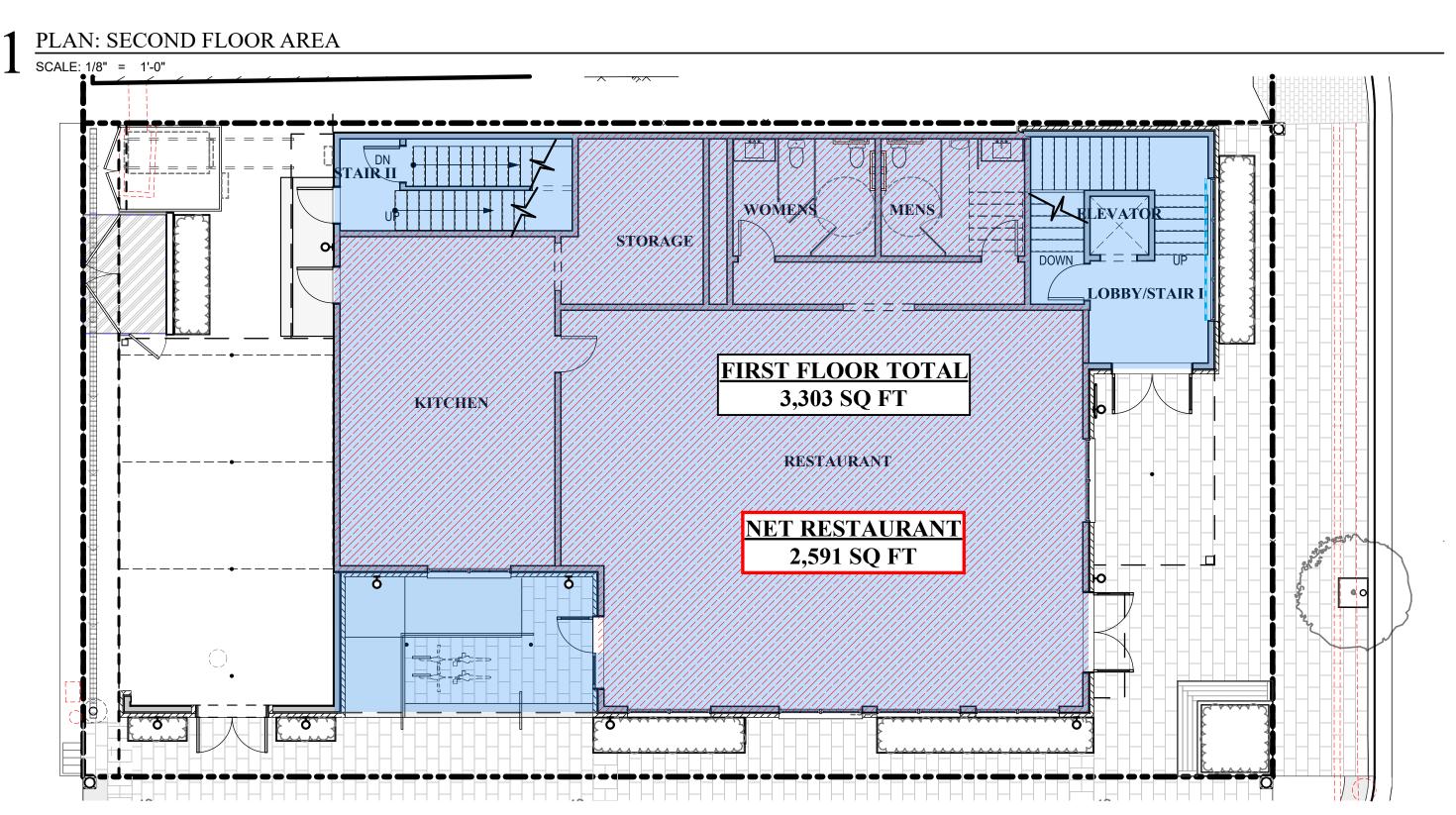
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STAKING PLAN

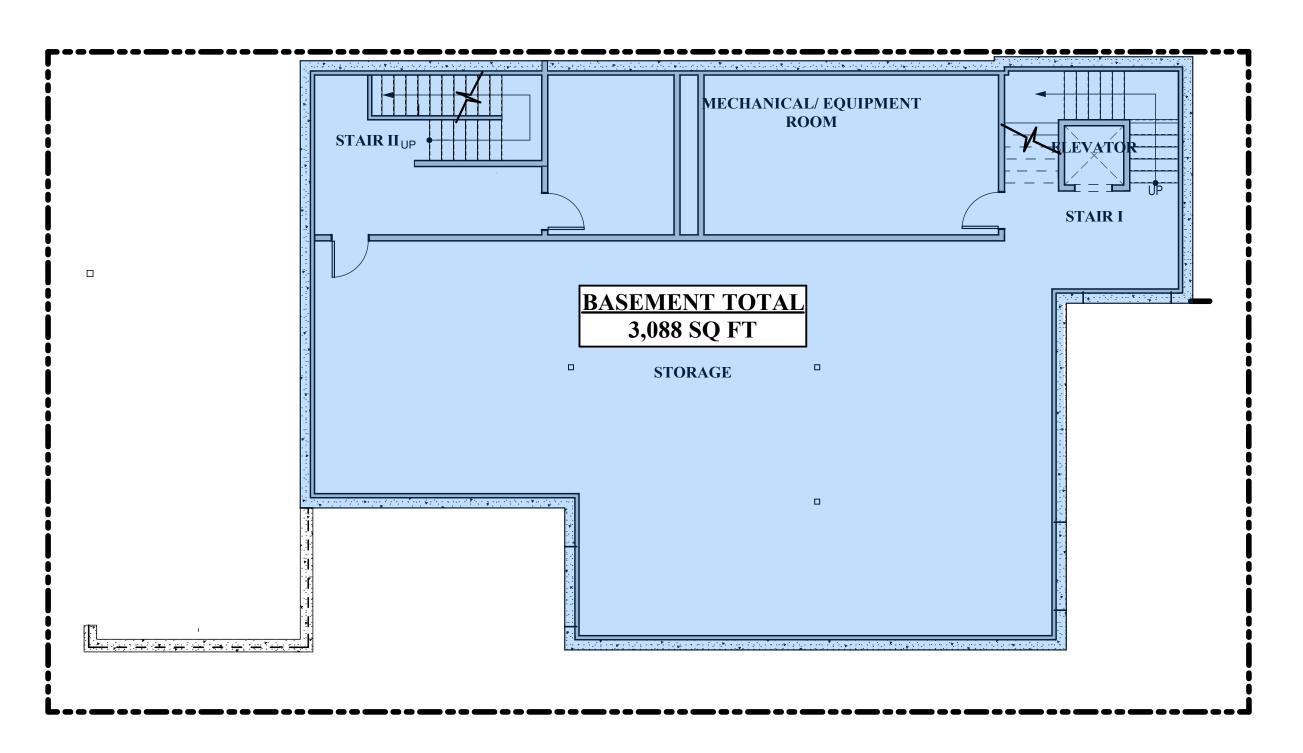
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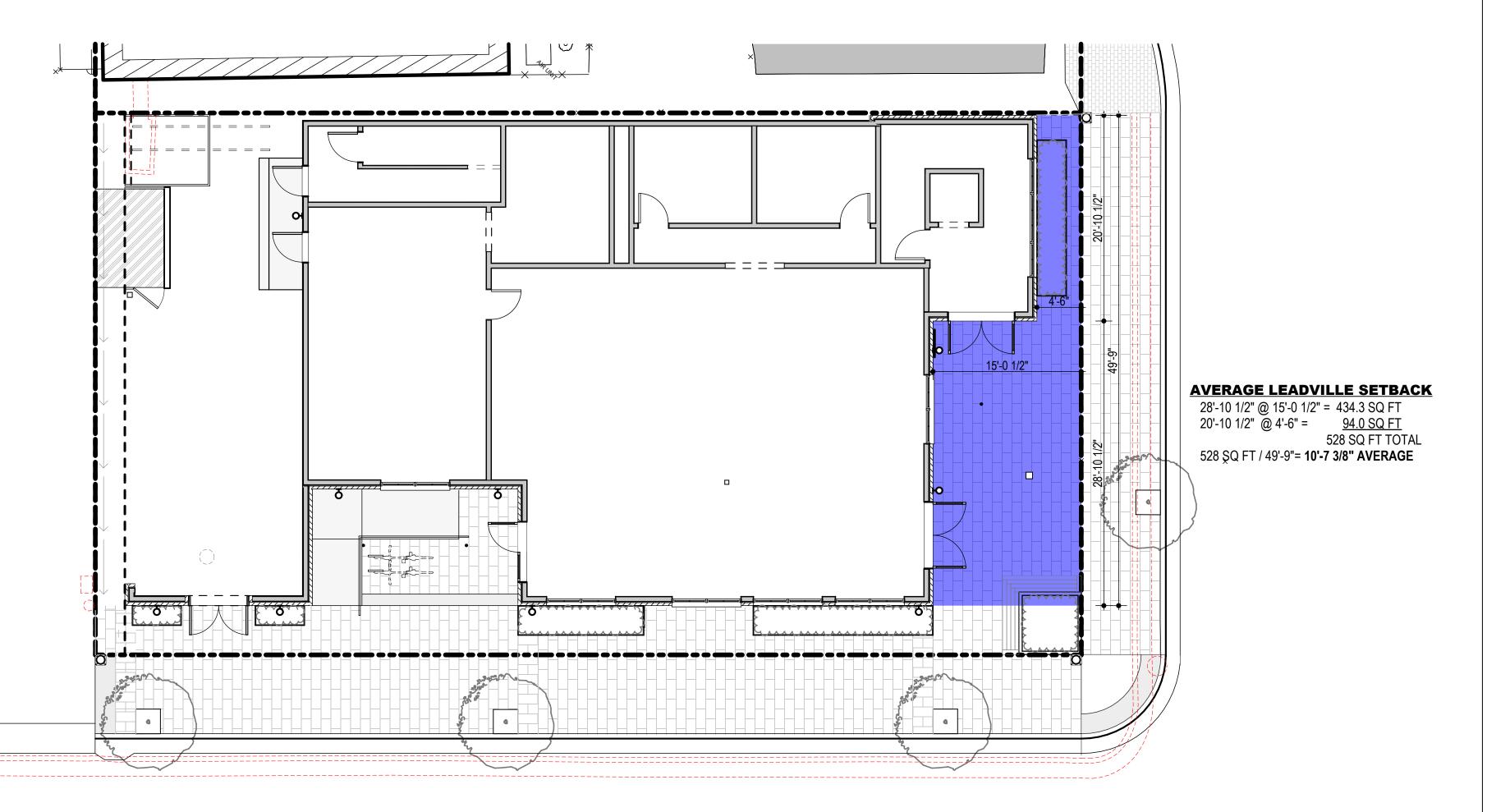


PLAN: FIRST FLOOR AREA

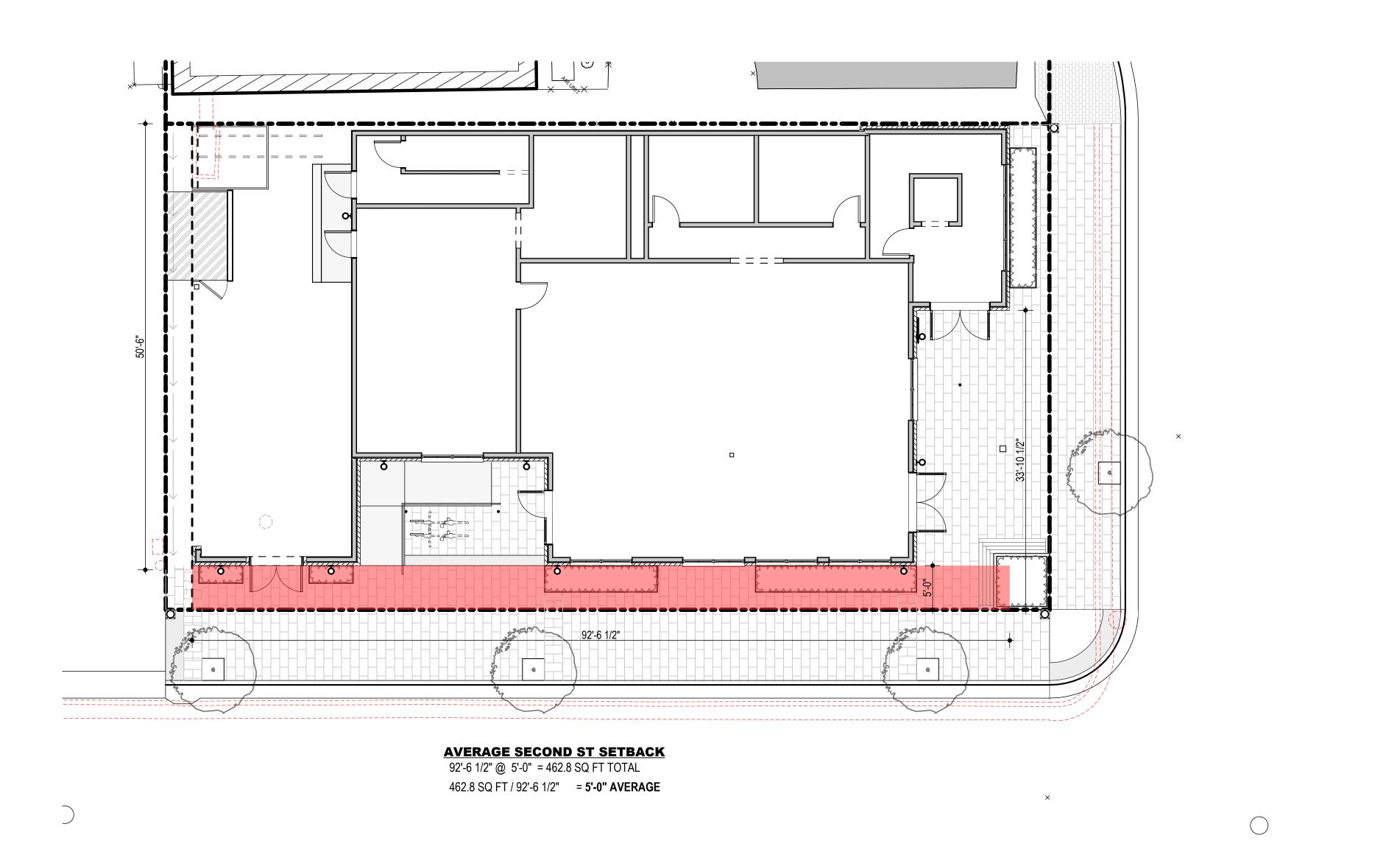
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3 PLAN: BASEMENT FLOOR AREA SCALE: 1/8" = 1'-0"

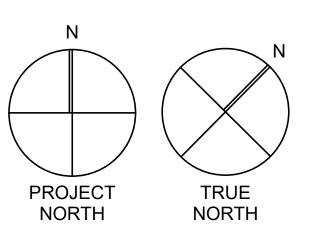


PLAN: 5' AVERAGE SIDE SETBACK PLAN



5 PLAN: 5' AVERAGE FRONTSETBACK PLAN

SCALE: 1/8" = 1'-0"



SETBACKS/ FLOOR AREA

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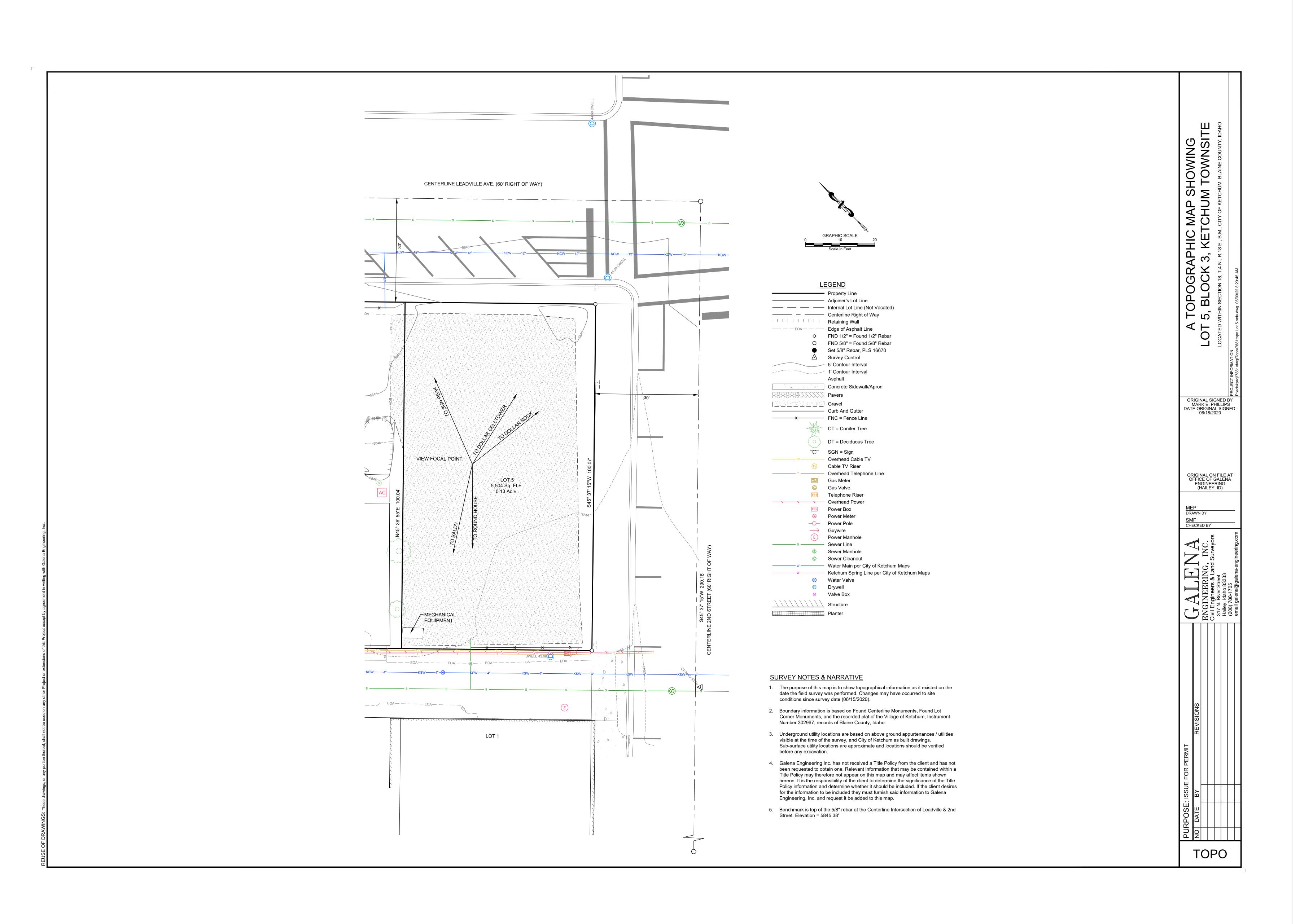
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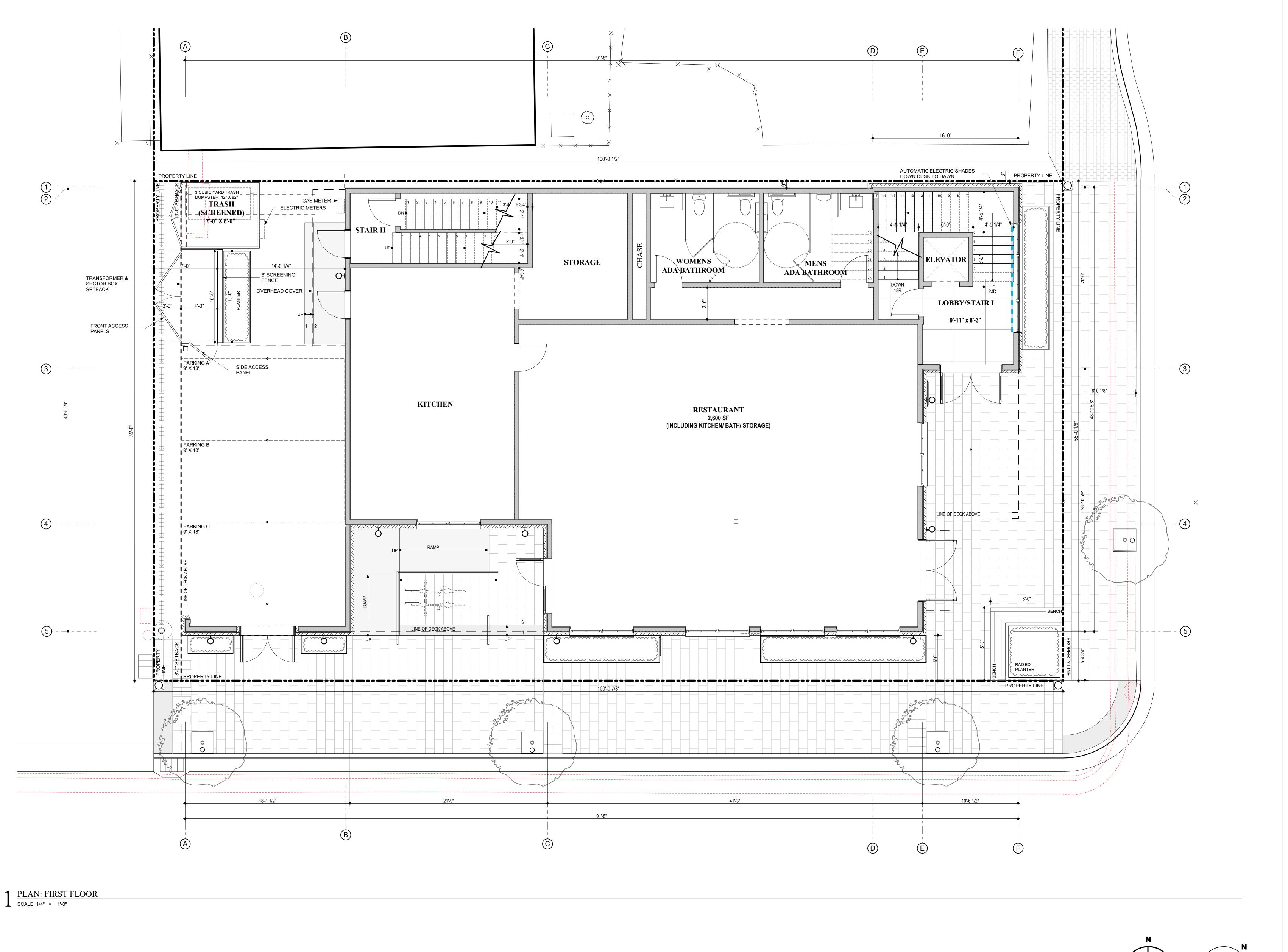
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SITE SURVEY

A1.3



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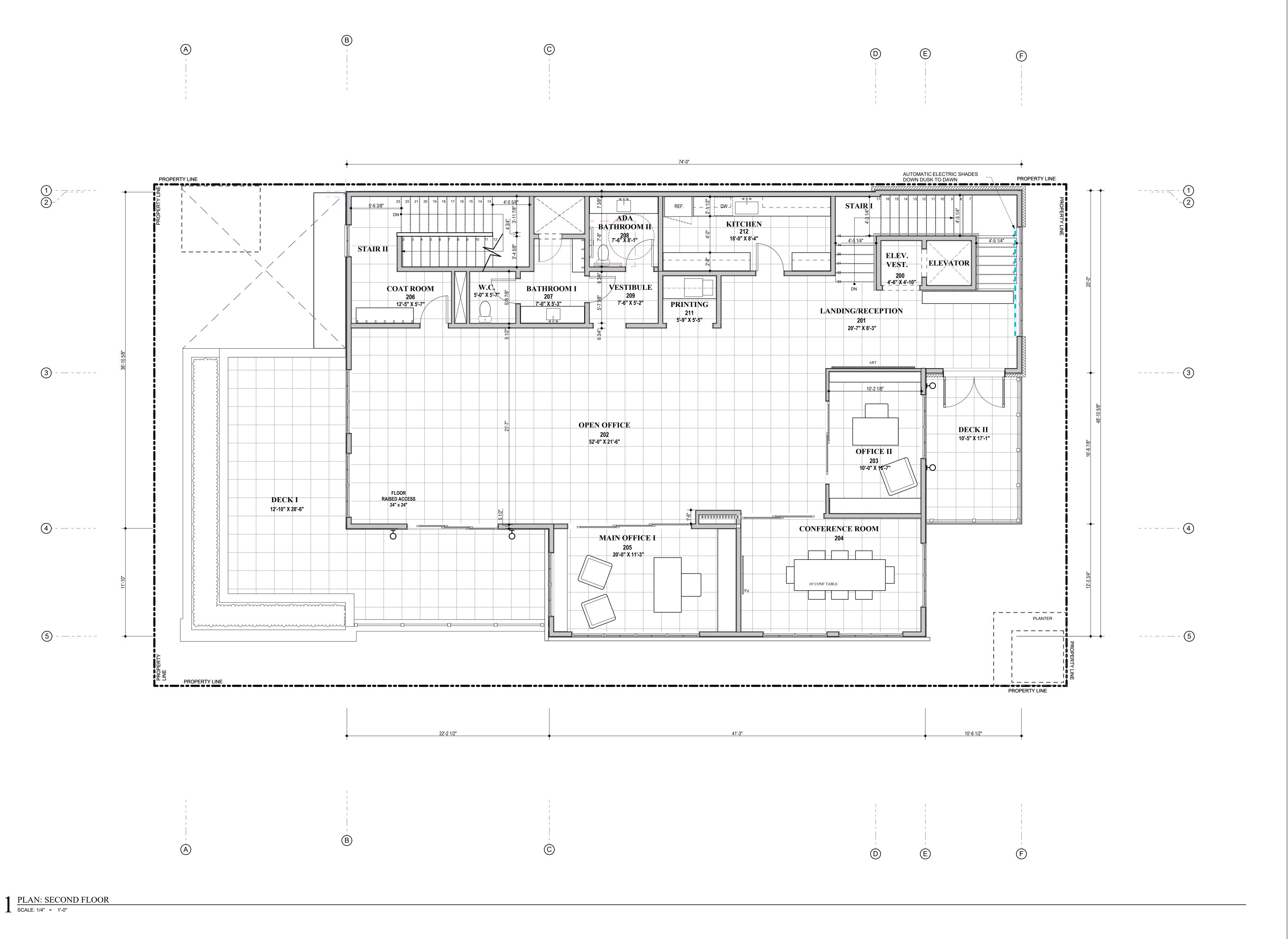
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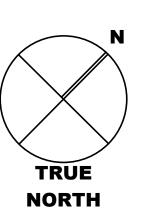
TRUE NORTH

FIRST FLOOR PLAN

PROJECT NORTH



PROJECT NORTH



SECOND FLOOR PLAN

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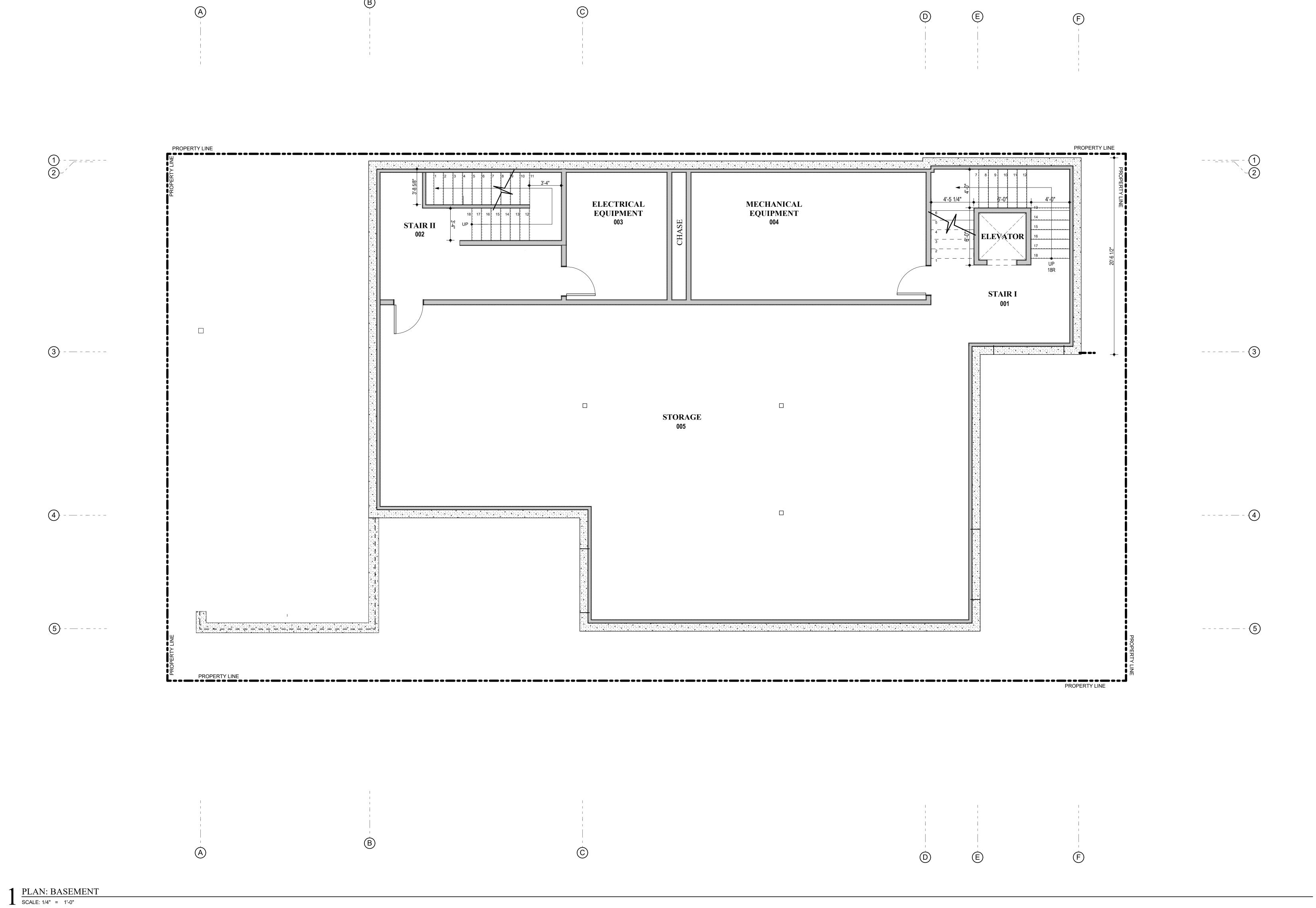
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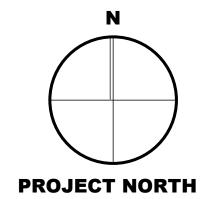
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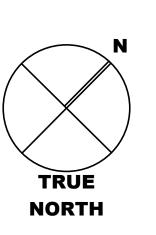
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BASEMENT PLAN

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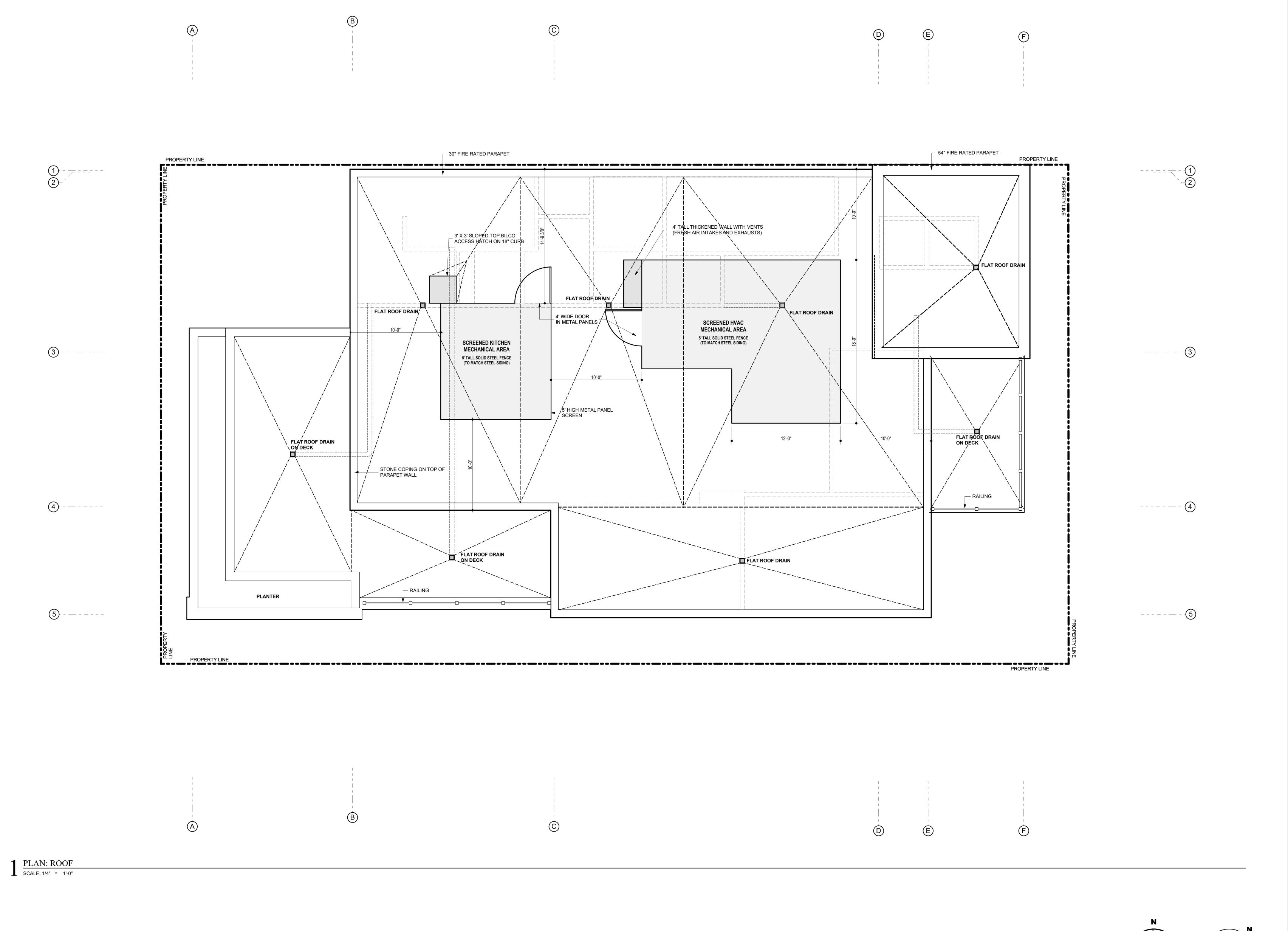
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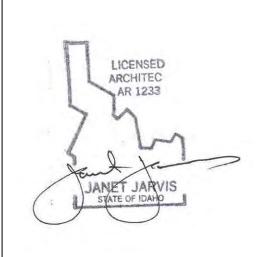
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ROOF PLAN



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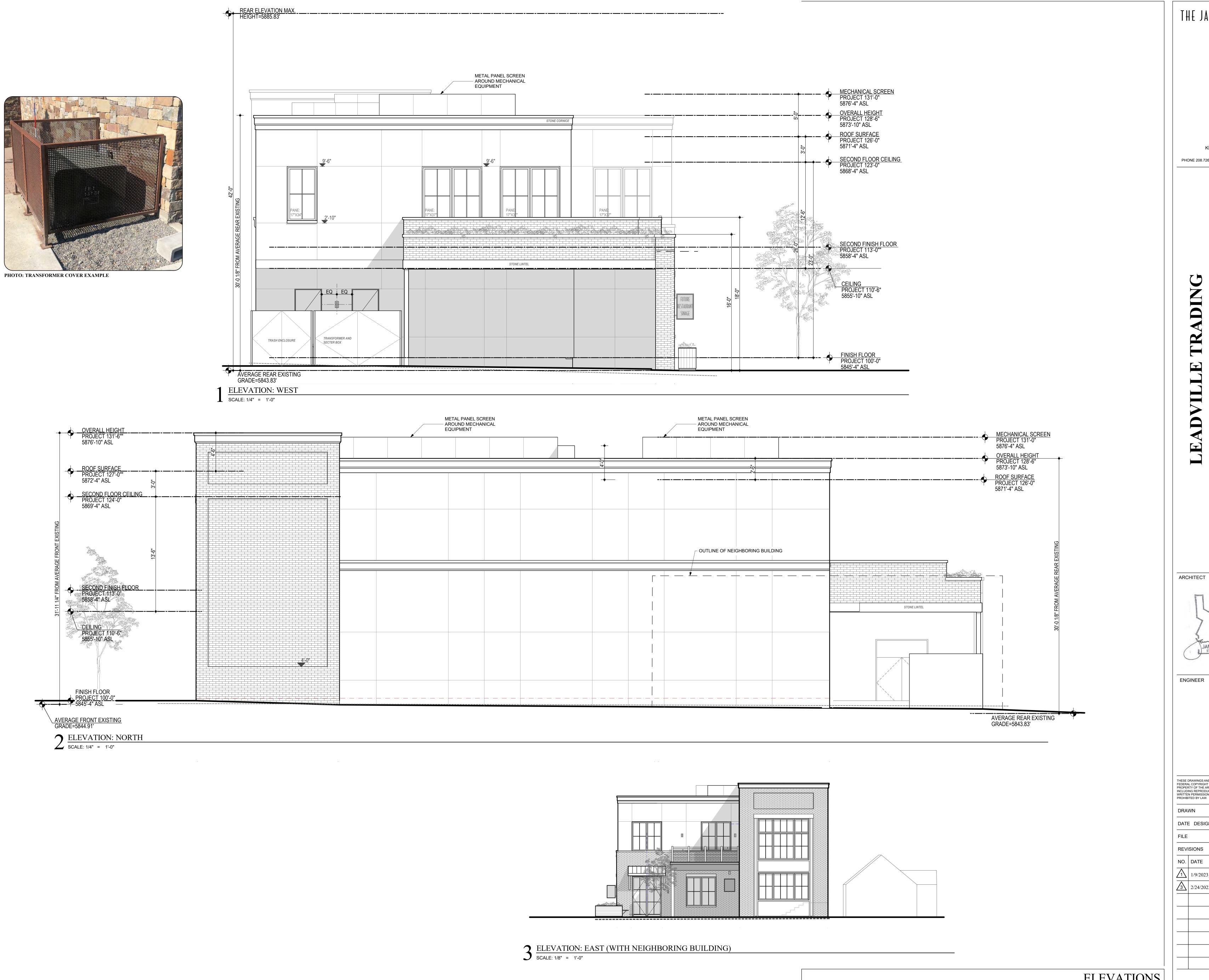
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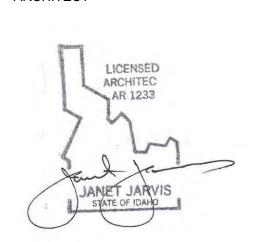
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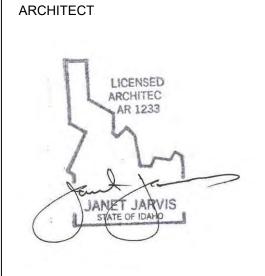
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ELEVATIONS

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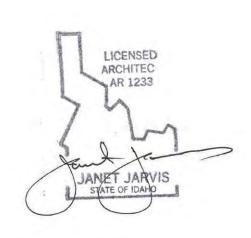
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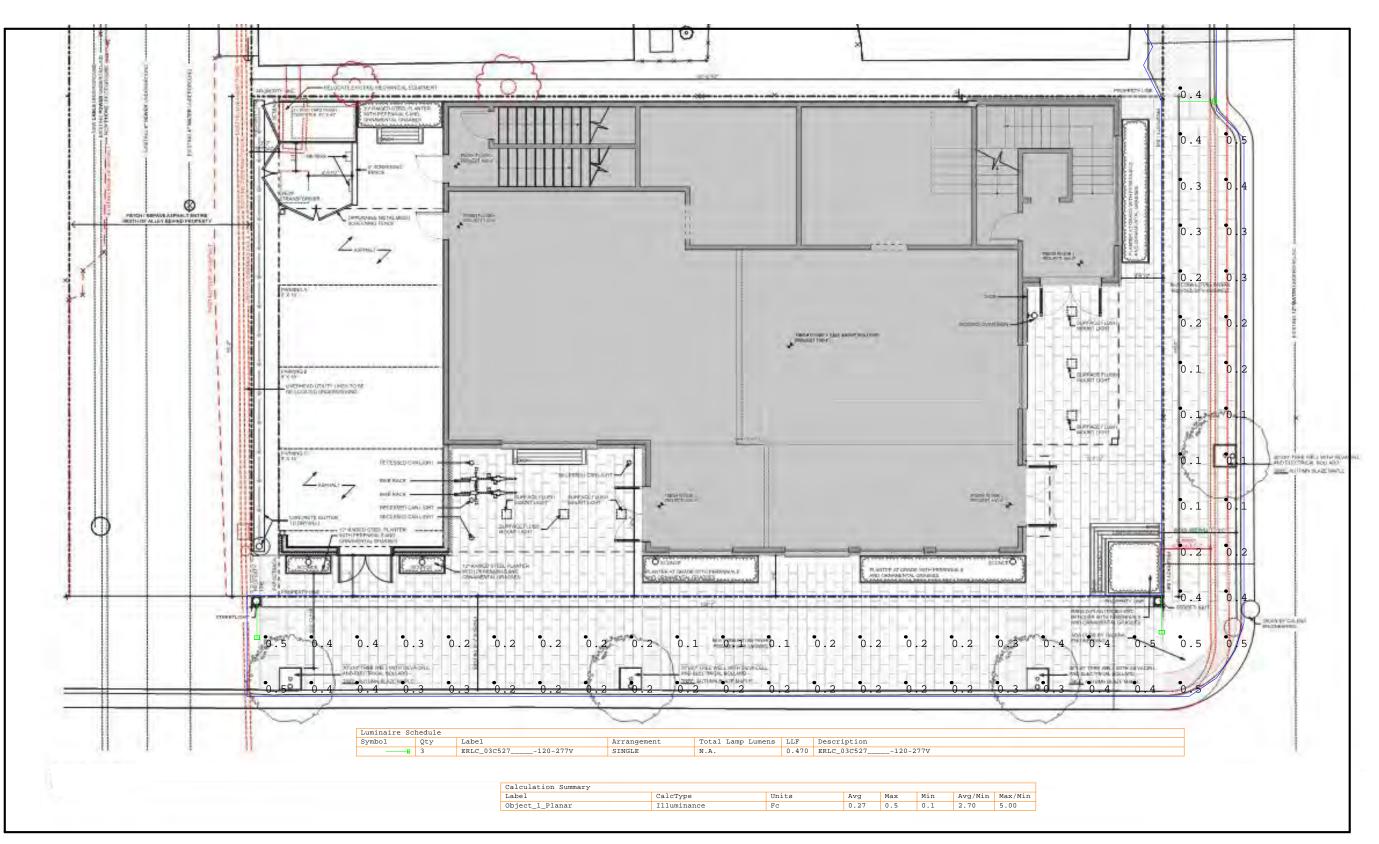
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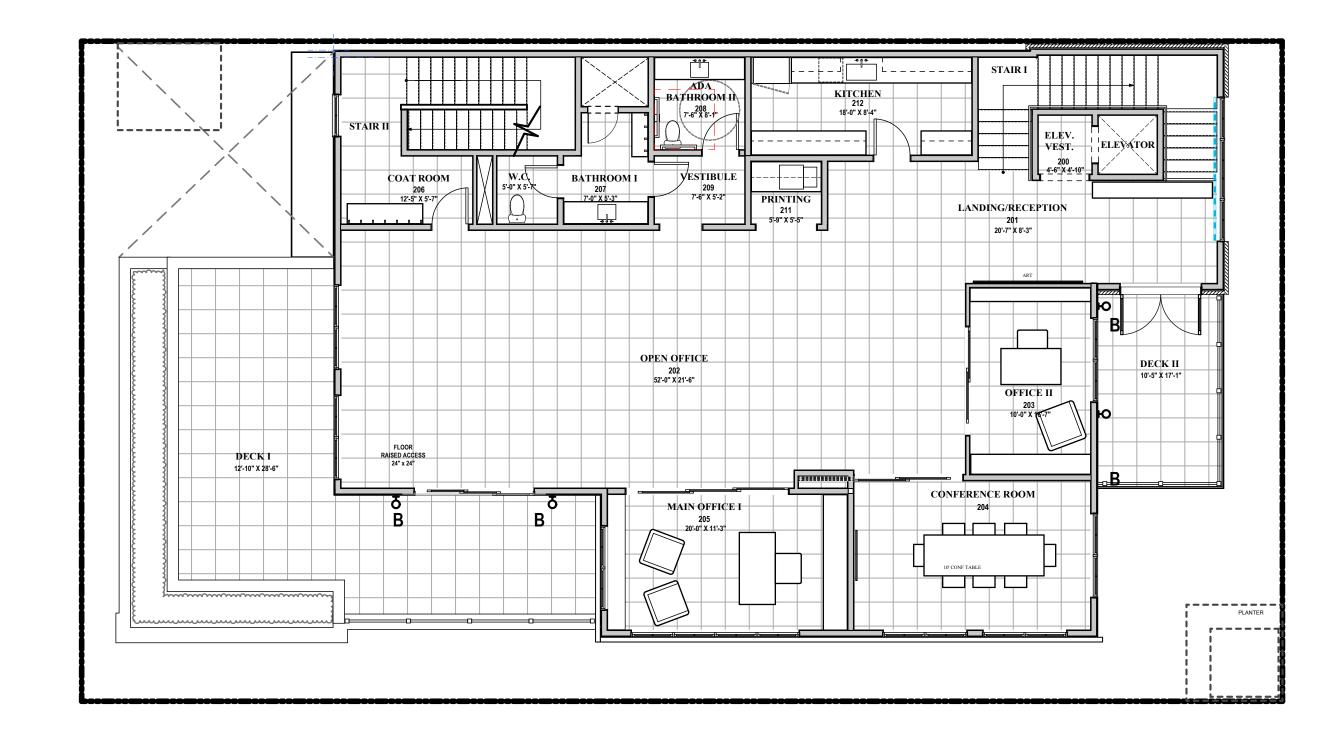
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EXTERIOR MATERIALS



STREELIGHT PHOTOMETRICS

BY: THE MH COMPANY NOT TO SCALE

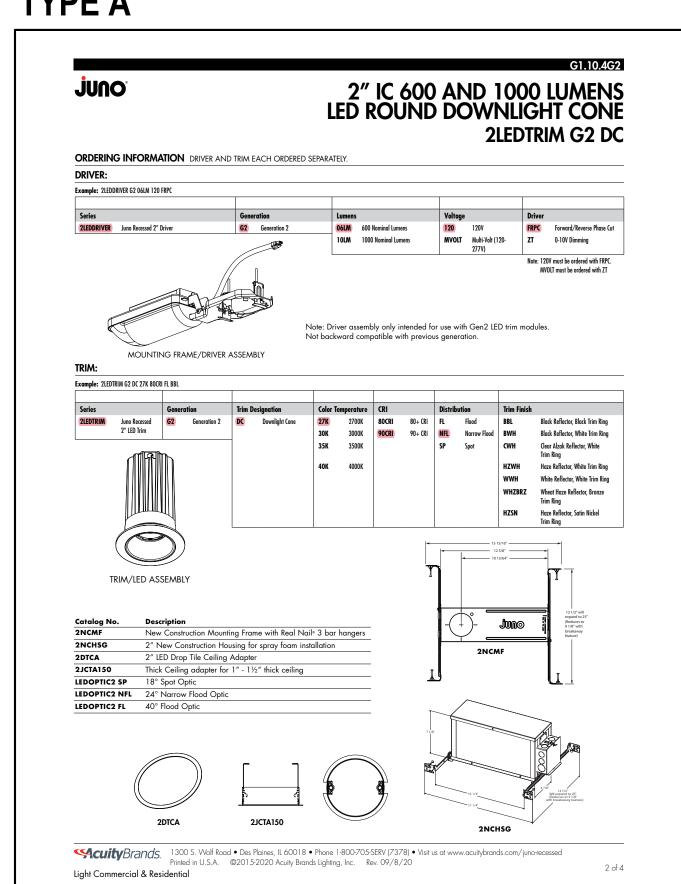


TYPE B

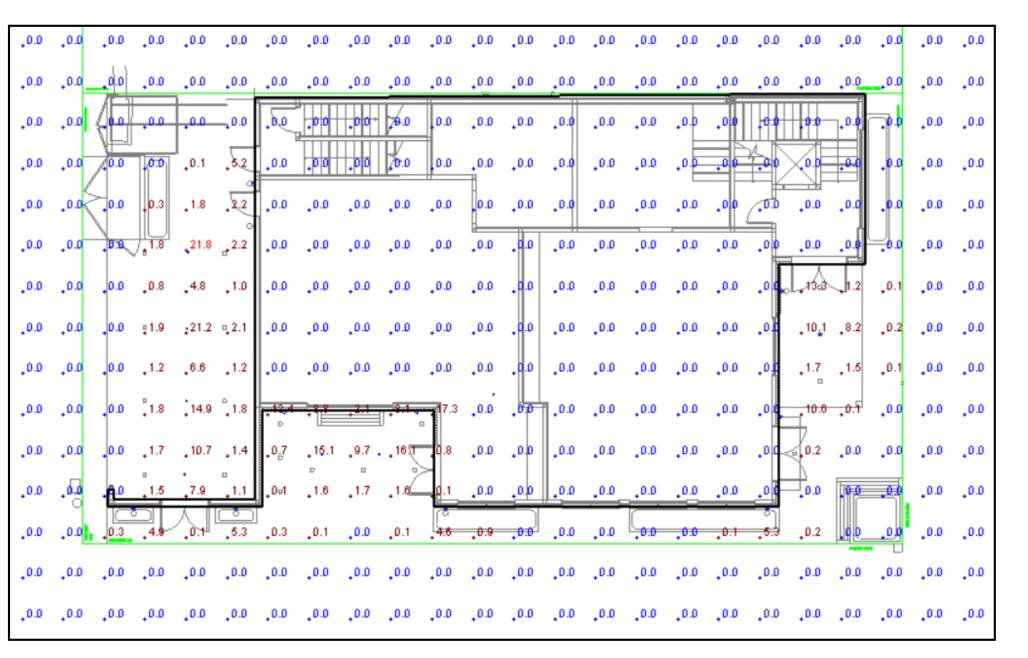
PLAN: SECOND FLOOR EXTERIOR LIGHTING

SCALE: 1/8" = 1'-0"

TYPE A



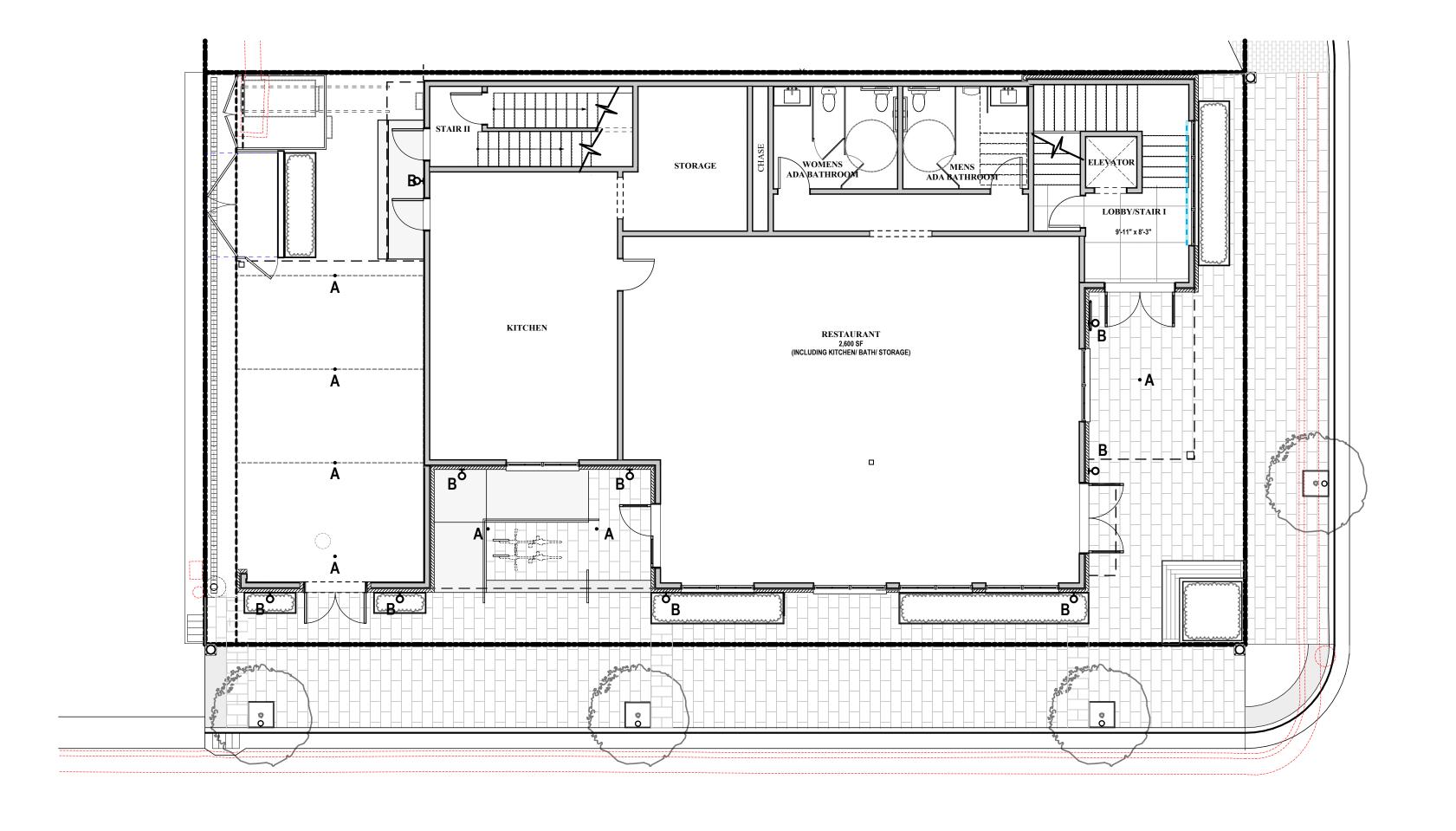
Wall luminaires with directed light in one direction Housing: One Piece, die cast aluminum housing with a one piece, die cast aluminum mounting plate. The mounting plate is supplied BEGA Product: with a flat plate that mounts directly to a standard, recessed 4" Project: Voltage: 0.3% copper content) A360.0 aluminum alloy. Enclosure: Clear tempered glass diffuser. Provided reflector made of Color: pure anodized aluminum. Housing is secured to the mounting plate Options: with two (2) mechanically captive, stainless steel set screws. Modified: Electrical: 7.9W LED luminaire, 10.3 total system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, TRIAC, ELV, 0-10V dimming. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with an 80 CRI. Available in 4000K, 3500K, and 2700K (80 CRI); add Note: Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com. Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on CSA certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP64 Weight: 5.3 lbs. Wall Luminaire • Down light Lamp β A B C 33581 7.9W LED 25° 51⁄8 9 6 Part # BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 FAX (805) 566-9474 www.bega-us.com



SITE LIGHTING PHOTOMETRICS - FIRST FLOOR
BY: HELIUS LIGHTING
NOT TO SCALE



SITE LIGHTING PHOTOMETRICS - SECOND FLOOR
BY: HELIUS LIGHTING
NOT TO SCALE



2 PLAN: FIRST FLOOR EXTERIOR LIGHTING

SCALE: 1/8" = 1'-0"

THE JARVIS GROUP

ARCHITECTS, AIA PLLC

J

511 SUN VALLEY ROAD

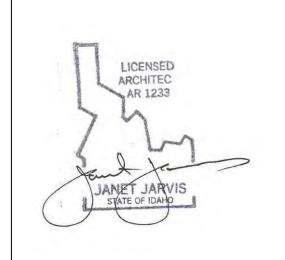
POSTAL BOX 626

KETCHUM, IDAHO 83340

PHONE 208.726.4031 FAX 208.726.4097

LOCK 3 KETCHUM TOWNSITE

ARCHITECT



ENGINEER

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DRAWN

DATE DESIGN REVIEW 11.22.22

REVISIONS

NO. DATE DESCRIPTION

1/9/2023 UPDATED DR

1/27/2023 UPDATED DR

2 2/24/2023 UPDATED DR

E1.0

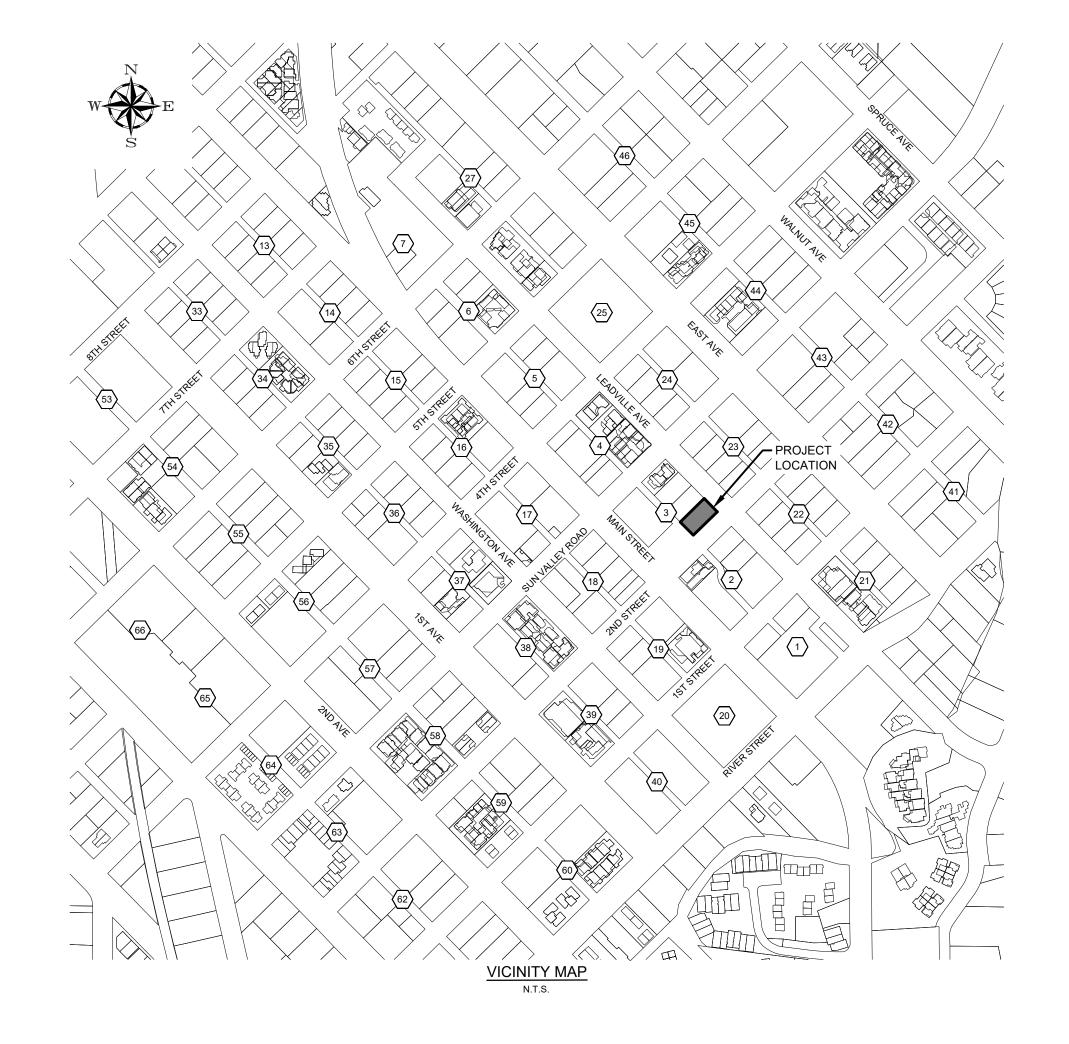
LEADVILLE TRADING

KETCHUM, IDAHO

JANUARY 2023

CONSTRUCTION NOTES

- 1. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE MOST CURRENT EDITION OF THE "IDAHO REGULATIONS FOR PUBLIC DRINKING WATER SYSTEMS," THE CURRENT EDITION OF THE "IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION" (ISPWC), AND CITY OF KETCHUM STANDARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND KEEPING A COPY OF THE ISPWC ON SITE DURING CONSTRUCTION.
- 2. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS IN AN APPROXIMATE WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING UTILITIES PRIOR TO COMMENCING AND DURING THE CONSTRUCTION. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH RESULT FROM HIS FAILURE TO ACCURATELY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES. CONTRACTOR SHALL CALL DIGLINE (1-800-342-1585) TO LOCATE ALL EXISTING UNDERGROUND UTILITIES.
- 3. THE CONTRACTOR SHALL CLEAN UP THE SITE AFTER CONSTRUCTION SO THAT IT IS IN A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, EPA'S NPDES CONSTRUCTION GENERAL PERMIT
- 4. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION.
- 5. CONSTRUCTION OF WATER MAINS AND ALL OTHER RELATED APPURTENANCES SHALL BE IN ACCORDANCE WITH THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC), IDAPA 58.01.08, IDAHO RULES FOR PUBLIC DRINKING WATER SYSTEMS AND THE CITY OF KETCHUM UTILITIES DEPARTMENT STANDARDS.
- 6. CONTRACTOR SHALL PRESSURE TEST, DISINFECT, AND CONDUCT BIOLOGICAL TESTING IN ACCORDANCE WITH THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC), AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS, AND THE PRESSURE TESTING, DISINFECTION, AND MICROBIOLOGICAL TESTING PROCEDURES.
- 7. ALL WATER SUPPLY FIXTURES, FITTINGS, PIPING, AND ALL RELATED APPURTENANCES SHALL BE ANSI/NSF STD. 61 COMPLIANT.
- 8. ALL WATER SUPPLY FIXTURES, FITTINGS, PIPING, AND ALL RELATED APPURTENANCES SHALL COMPLY WITH THE LOW LEAD ACT REQUIRING ALL MATERIALS TO HAVE A LEAD CONTENT EQUAL TO OR LESS THAT 0.25%.
- 9. THE CONTRACTOR SHALL USE ANSI/NSF STANDARD 60 CHEMICALS AND COMPOUNDS DURING INSTALLATION & DISINFECTION OF POTABLE WATER MAIN.
- 10. CONTRACTOR SHALL COORDINATE LOCATIONS OF DRY UTILITY FACILITIES (POWER, CABLE, PHONE, TV) NOT SHOWN ON THE DRAWING WITH IDAHO POWER.
- 11. ALL CLEARING & GRUBBING SHALL CONFORM TO ISPWC SECTION 201.
- 12. ALL EXCAVATION & EMBANKMENT SHALL CONFORM TO ISPWC SECTION 202. EXCAVATED SUBGRADE SHALL BE COMPACTED AND ALL UNSUITABLE SECTIONS REMOVED AND REPLACED WITH STRUCTURAL FILL AS DETERMINED BY THE ENGINEER. MINIMUM COMPACTION OF PLACED MATERIAL SHALL BE 95% OF MAXIMUM LABORATORY DENSITY AS DETERMINED BY AASHTO T-99 OR ITD T-91
- 13. ALL 2" MINUS GRAVEL SHALL CONFORM TO ISPWC 802, TYPE II (ITD STANDARD 703.04, 2"), SHALL BE PLACED IN CONFORMANCE WITH ISPWC SECTION 801 AND COMPACTED PER SECTION 202. MINIMUM COMPACTION OF PLACED MATERIAL SHALL BE 90% OF MAXIMUM LABORATORY DENSITY AS DETERMINED BY AASHTO T-99.
- 14. ALL 3/4" MINUS CRUSHED GRAVEL SHALL CONFORM TO ISPWC 802, TYPE I (ITD STANDARD 703.04, 3/4" B), SHALL BE PLACED IN CONFORMANCE WITH ISPWC SECTION 802 AND COMPACTED PER SECTION 202. MINIMUM COMPACTION OF PLACED MATERIAL SHALL BE 95% OF MAXIMUM LABORATORY DENSITY AS DETERMINED BY AASHTO T-99 OR ITD T-91.
- 15. ALL ASPHALTIC CONCRETE PAVEMENT WORK SHALL CONFORM TO ISPWC SECTION(S) 805, 810, AND 811 FOR CLASS II PAVEMENT. ASPHALT AGGREGATE SHALL BE 1/2" (13MM) NOMINAL SIZE CONFORMING TO TABLE 803B IN ISPWC SECTION 803. ASPHALT BINDER SHALL BE PG 58-28 CONFORMING TO TABLE A-1 IN ISPWC SECTION 805.
- 16. ALL EDGES OF EXISTING ASPHALT PAVING SHALL BE SAW CUT 24" TO PROVIDE A CLEAN PAVEMENT EDGE FOR MATCHING. NO WHEEL CUTTING SHALL BE ALLOWED.
- 17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL PER THE CURRENT EDITION OF THE US DEPARTMENT OF TRANSPORTATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 18. ALL CONCRETE FORM WORK SHALL SHALL CONFORM TO ISPWC SECTION 701 AND 703. ALL CONCRETE SHALL BE 3,000 PSI MINIMUM, 28 DAY, AS DEFINED IN ISPWC SECTION 703, TABLE 1.C.
- 19. ALL TRENCHING SHALL CONFORM TO ISPWC STANDARD DRAWING SD-301. TRENCHES SHALL BE BACKFILLED AND COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.
- 20. TOPOGRAPHIC, SITE, AND BOUNDARY SURVEYS SHOWN HEREON WERE CONDUCTED BY GALENA ENGINEERING, INC., 10/21/2021. REFER TO TOPOGRAPHIC MAP FOR NOTES.
- 21. PER IDAHO CODE § 55-1613, THE CONTRACTOR SHALL RETAIN AND PROTECT ALL MONUMENTS, ACCESSORIES TO CORNERS, BENCHMARKS AND POINTS SET IN CONTROL SURVEYS; ALL MONUMENTS, ACCESSORIES TO CORNERS, BENCHMARKS AND POINTS SET IN CONTROL SURVEYS THAT ARE LOST OR DISTURBED BY CONSTRUCTION SHALL BE REESTABLISHED AND RE-MONUMENTED, AT THE EXPENSE OF THE AGENCY OR PERSON CAUSING THEIR LOSS OR DISTURBANCE AT THEIR ORIGINAL LOCATION OR BY SETTING OF A WITNESS CORNER OR REFERENCE POINT OR A REPLACEMENT BENCHMARK OR CONTROL POINT, BY OR UNDER THE DIRECTION OF A PROFESSIONAL LAND SURVEYOR.



SHEET INDEX

DETAIL SHEET
DETAIL SHEET

SHEET#	<u>DESCRIPTION</u>
C0.10	COVER SHEET
C1.00	SITE GRADING, DRAINAGE, AND UTILITY F
C2.00	DETAIL SHEET

SKIONAL AVCINE INCENSES CONTROL 21244 SMITHMAN

MS
DESIGNED BY
MS
DRAWN BY

CHECKED BY

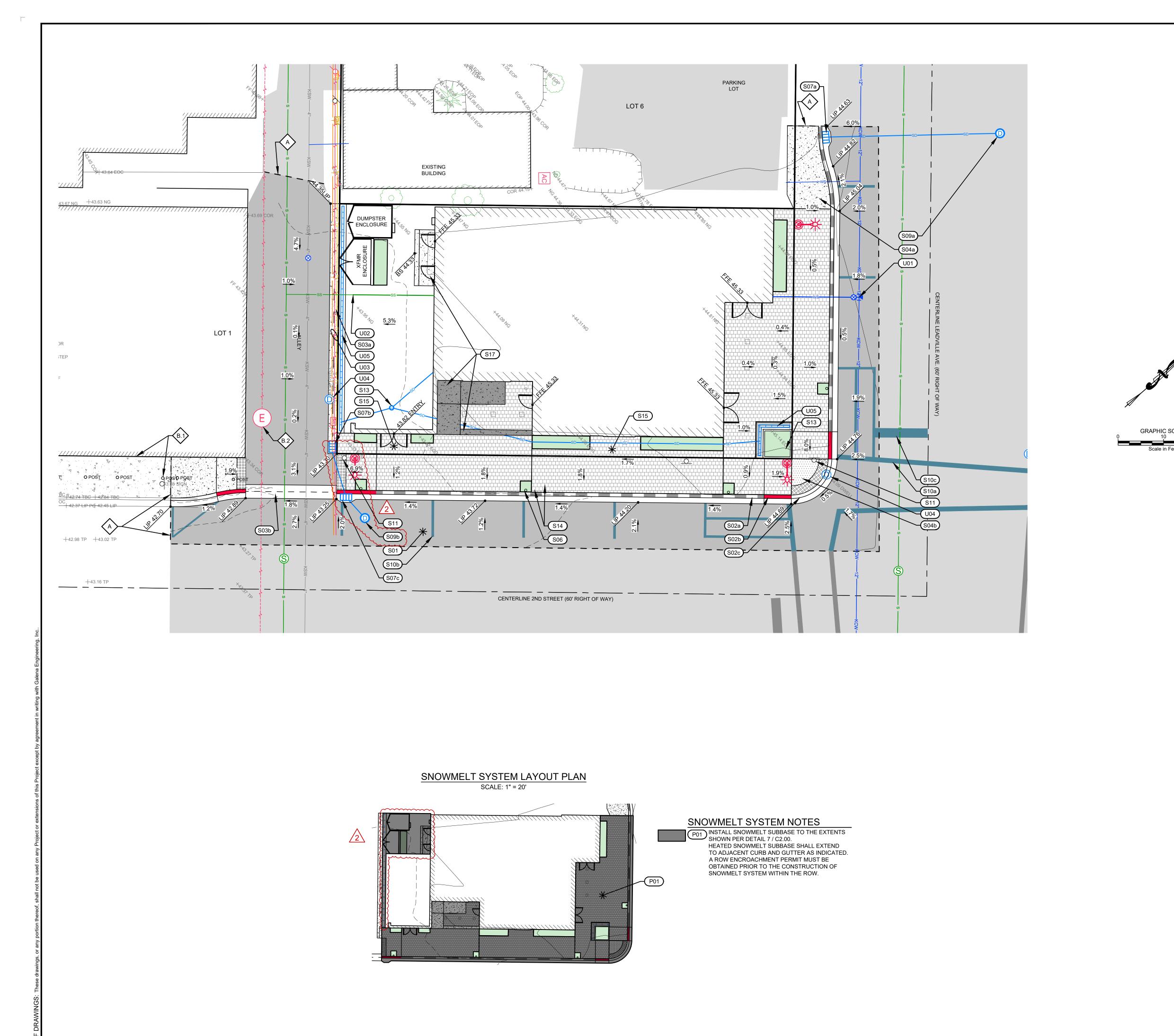
ENGINEERING, INC.
Civil Engineers & Land Surveyors
317 N. River Street
Hailey, Idaho 83333
(208) 788-1705

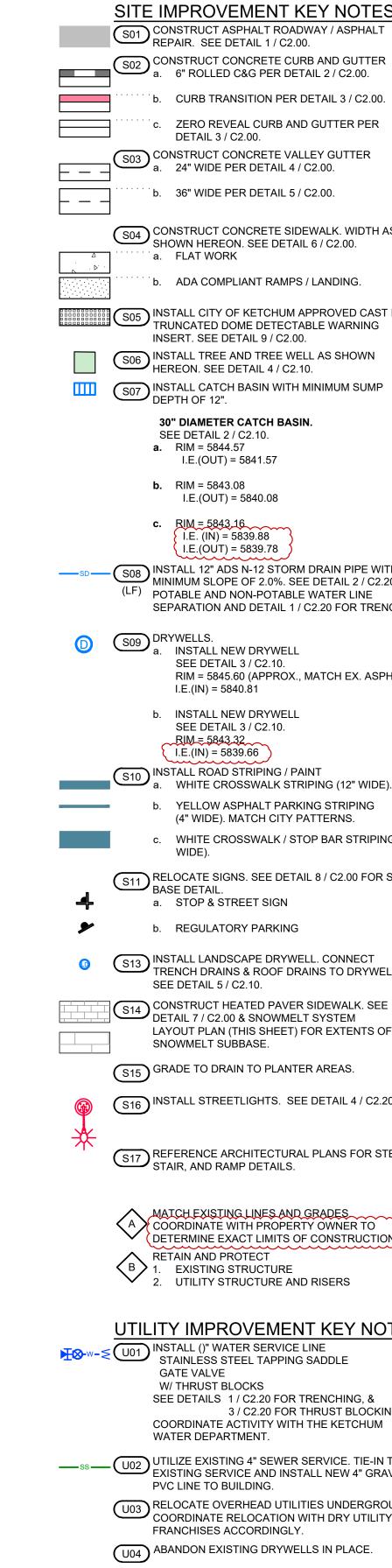
IGN REVIEW

REVISIONS

12/27/2022 City Engineering Review

C0.10





SITE IMPROVEMENT KEY NOTES CONSTRUCT ASPHALT ROADWAY / ASPHALT REPAIR. SEE DETAIL 1 / C2.00. CONSTRUCT CONCRETE CURB AND GUTTER a. 6" ROLLED C&G PER DETAIL 2 / C2.00. b. CURB TRANSITION PER DETAIL 3 / C2.00. c. ZERO REVEAL CURB AND GUTTER PER DETAIL 3 / C2.00. CONSTRUCT CONCRETE VALLEY GUTTER a. 24" WIDE PER DETAIL 4 / C2.00. b. 36" WIDE PER DETAIL 5 / C2.00. CONSTRUCT CONCRETE SIDEWALK. WIDTH AS SHOWN HEREON. SEE DETAIL 6 / C2.00. b. ADA COMPLIANT RAMPS / LANDING. S05 INSTALL CITY OF KETCHUM APPROVED CAST IRON TRUNCATED DOME DETECTABLE WARNING INSERT. SEE DETAIL 9 / C2.00. S06 INSTALL TREE AND TREE WELL AS SHOWN HEREON. SEE DETAIL 4 / C2.10. S07 INSTALL CATCH BASIN WITH MINIMUM SUMP DEPTH OF 12". 30" DIAMETER CATCH BASIN. SEE DETAIL 2 / C2.10. **a.** RIM = 5844.57 I.E.(OUT) = 5841.57 **b.** RIM = 5843.08 I.E.(OUT) = 5840.08 **c.** RIM = 5843.16 I.E. (IN) = 5839.88 (I.E.(OUT) = 5839.78 S08 INSTALL 12" ADS N-12 STORM DRAIN PIPE WITH A MINIMUM SLOPE OF 2.0%. SEE DETAIL 2 / C2.20 FOR (LF) POTABLE AND NON-POTABLE WATER LINE SEPARATION AND DETAIL 1 / C2.20 FOR TRENCHING. S09 DRYWELLS. a. INSTALL NEW DRYWELL SEE DETAIL 3 / C2.10. RIM = 5845.60 (APPROX., MATCH EX. ASPHALT) I.E.(IN) = 5840.81 b. INSTALL NEW DRYWELL SEE DETAIL 3 / C2.10. RIM = 5843.32 I.E.(IN) = 5839.66 (S10) INSTALL ROAD STRIPING / PAINT a. WHITE CROSSWALK STRIPING (12" WIDE). b. YELLOW ASPHALT PARKING STRIPING (4" WIDE). MATCH CITY PATTERNS. c. WHITE CROSSWALK / STOP BAR STRIPING (24" RELOCATE SIGNS. SEE DETAIL 8 / C2.00 FOR SIGN BASE DETAIL. a. STOP & STREET SIGN b. REGULATORY PARKING (S13) INSTALL LANDSCAPE DRYWELL. CONNECT TRENCH DRAINS & ROOF DRAINS TO DRYWELL. CONSTRUCT HEATED PAVER SIDEWALK. SEE DETAIL 7 / C2.00 & SNOWMELT SYSTEM LAYOUT PLAN (THIS SHEET) FOR EXTENTS OF SNOWMELT SUBBASE. S15 GRADE TO DRAIN TO PLANTER AREAS. (S16) INSTALL STREETLIGHTS. SEE DETAIL 4 / C2.20. REFERENCE ARCHITECTURAL PLANS FOR STEP, STAIR, AND RAMP DETAILS. MATCH EXISTING LINES AND GRADES
COORDINATE WITH PROPERTY OWNER TO DETERMINE EXACT LIMITS OF CONSTRUCTION. RETAIN AND PROTECT B 1. EXISTING STRUCTURE
2. UTILITY STRUCTURE AND RISERS UTILITY IMPROVEMENT KEY NOTES ™
INSTALL ()" WATER SERVICE LINE
STAINLESS STEEL TAPPING SADDLE

∞

MS DESIGNED BY

DRAWN BY

CHECKED BY

GINEERING, I Engineers & Land S 7 N. River Street ailey, Idaho 83333 08) 788-1705

W/ THRUST BLOCKS SEE DETAILS 1 / C2.20 FOR TRENCHING, & 3 / C2.20 FOR THRUST BLOCKING.

UTILIZE EXISTING 4" SEWER SERVICE. TIE-IN TO EXISTING SERVICE AND INSTALL NEW 4" GRAVITY PVC LINE TO BUILDING.

RELOCATE OVERHEAD UTILITIES UNDERGROUND. COORDINATE RELOCATION WITH DRY UTILITY FRANCHISES ACCORDINGLY.

U04 ABANDON EXISTING DRYWELLS IN PLACE.

U05 INSTALL TRENCH DRAIN. SEE DETAIL 1 / C2.10

ABBREVIATIONS:

BS = BOTTOM OF STAIR FF = FINISHED FLOOR FFE = FINISHED FLOOR AT ENTRY FG = FINISHED GRADE HP = HIGH POINT I.E. = INVERT ELEVATION

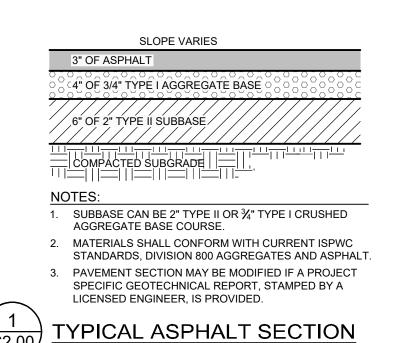
LF = LINEAL FEET LIP = LIP OF GUTTER LP = LOW POINT MAX = MAXIMUM

MIN = MINIMUM PC = POINT OF CURVATURE PRC = POINT OF REVERSE CURB PT = POINT OF TANGENT

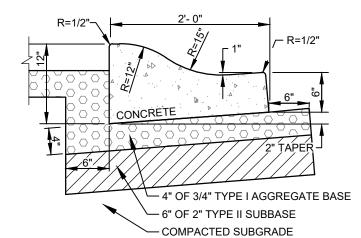
TBW = TOP BACK OF WALK TFC = TOP FACE OF CURB TS = TOP OF STAIR

TYP = TYPICAL

C1.00

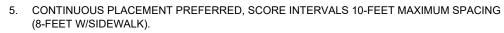


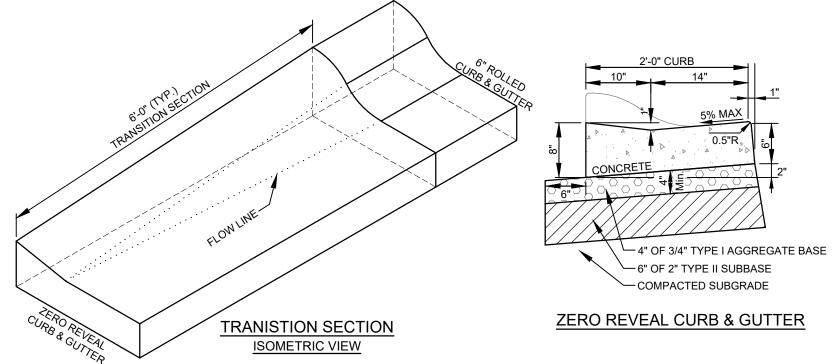
N.T.S.



- 1. SUBBASE CAN BE 2" TYPE II OR ¾" TYPE I CRUSHED AGGREGATE BASE COURSE. 2. MATERIALS SHALL CONFORM WITH CURRENT ISPWC STANDARDS, DIVISION 800
- AGGREGATES AND ASPHALT. PAVEMENT SECTION MAY BE MODIFIED IF A PROJECT SPECIFIC GEOTECHNICAL REPORT, STAMPED BY A LICENSED ENGINEER, IS PROVIDED.
- 4. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS

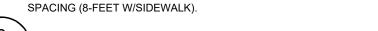
6" CONCRETE ROLLED CURB & GUTTER

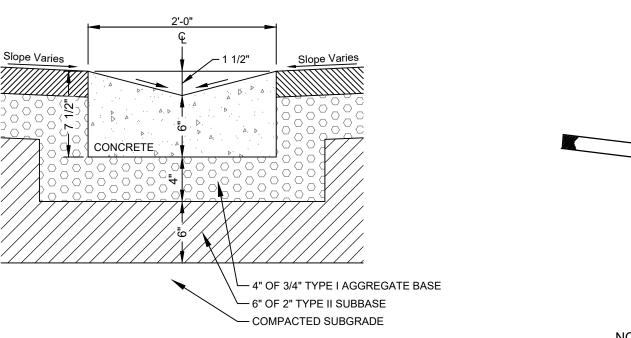




- 1. SUBBASE CAN BE 2" TYPE II OR ¾" TYPE I CRUSHED AGGREGATE BASE COURSE. 2. MATERIALS SHALL CONFORM WITH CURRENT ISPWC STANDARDS, DIVISION 800
- AGGREGATES AND ASPHALT. 3. PAVEMENT SECTION MAY BE MODIFIED IF A PROJECT SPECIFIC GEOTECHNICAL
- REPORT, STAMPED BY A LICENSED ENGINEER, IS PROVIDED. 4. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL
- 5. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM

TYPICAL CURB TRANSITION DETAIL





SIGN POST: 2" X 2" PERFORATED —

12 GAGE SQUARE TUBING

(.0105" WALL THICKNESS)

BASE INSTALLED — FLUSH WITH FINISHED SURFACE

CLASS "30" CONCRETE -

14" MIN. HOLE DIAMETER —

SIGN BASE: 2 1/2" X 2 1/2" -NON PERFORATED SQUARE TUBING (SEE NOTES FOR ADDITIONAL REQUIREMENTS) 5.59 LB./FT. WEIGHT

NATIVE SOIL —

BOTTOM PLATE —

½" DRAIN HOLE -

OR GROUTED INTO SOLID ROCK.

CURRENT EDITION OF THE MUTCD.

KETCHUM.

5. CITY TO PROVIDE BASES.

1. BASES SHALL BE INSTALLED TO BE FLUSH WITH SURFACE.

2. ALL INSTALLATIONS SHALL HAVE 14" Ø MINIMUM FOUNDATION

3. ALL STREET SIGNS SHALL BE IN ACCORDANCE WITH THE MOST

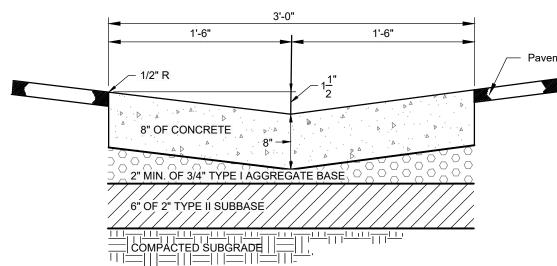
4. SIGN PLACEMENT SHALL BE APPROVED BY THE CITY OF

1' MIN. EMBEDMENT

- 1. SUBBASE CAN BE 2" TYPE II OR $\frac{3}{4}$ " TYPE I CRUSHED AGGREGATE BASE COURSE. 2. MATERIALS SHALL CONFORM WITH CURRENT ISPWC STANDARDS, DIVISION 800 AGGREGATES AND ASPHALT.
- 3. PAVEMENT SECTION MAY BE MODIFIED IF A PROJECT SPECIFIC GEOTECHNICAL REPORT, STAMPED BY A LICENSED ENGINEER, IS PROVIDED.
- 4. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS
- 5. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET W/SIDEWALK).



24" WIDE CONCRETE VALLEY GUTTER



- . SUBBASE CAN BE 2" TYPE II OR $rac{3}{4}$ " TYPE I CRUSHED AGGREGATE BASE COURSE. 2. MATERIALS SHALL CONFORM WITH CURRENT ISPWC STANDARDS, DIVISION 800 AGGREGATES AND ASPHALT.
- 3. PAVEMENT SECTION MAY BE MODIFIED IF A PROJECT SPECIFIC GEOTECHNICAL REPORT, STAMPED BY A LICENSED ENGINEER, IS PROVIDED.
- 4. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT
- TERMINAL POINTS OF RADII. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING.



BOTTOM PLATE

IGN BASE MATERIAL & DIMENSION REQUIREMENTS

NTERNAL ROD MATERIAL & DIMENSION REQUIREMENTS

BOTTOM PLATE MATERIAL & DIMENSION REQUIREMENTS

½" OUTSIDE TUBE STEEL (20" LENGTH)

½" COLD ROLLED ROD (18" LENGTH)

2 ⅓" INSIDE TUBE STEEL

4" X 4" X ¼" STEEL STRAP

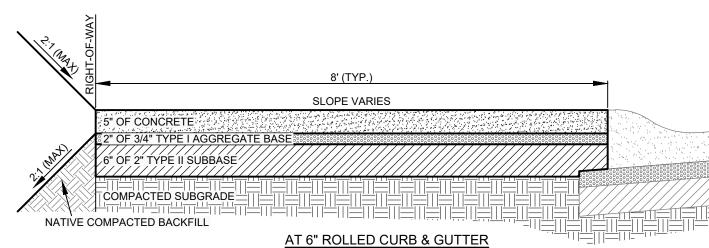
½" COUPLING NUTS

¾6" THICK

-½" COUPLING NUT

36" CONCRETE VALLEY GUTTER



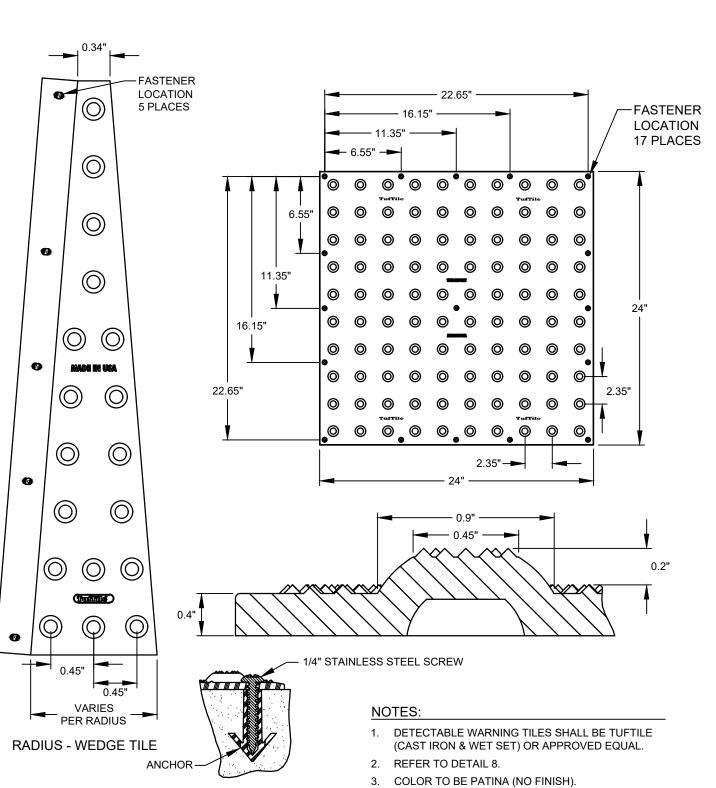


AT ZERO REVEAL CURB & GUTTER

- 1. SUBBASE CAN BE 2" TYPE II OR ¾" TYPE I CRUSHED AGGREGATE BASE COURSE. 2. MATERIALS SHALL CONFORM WITH CURRENT ISPWC STANDARDS, DIVISION 800
- AGGREGATES AND ASPHALT. 3. PAVEMENT SECTION MAY BE MODIFIED IF A PROJECT SPECIFIC GEOTECHNICAL REPORT,
- STAMPED BY A LICENSED ENGINEER, IS PROVIDED. 1/2-INCH PREFORMED EXPANSION JOINT MATERIAL (AASHTO M 213) AT TERMINAL POINTS
- OF RADII.
- 5. CONTINUOUS PLACEMENT PREFERRED, SCORE INTERVALS 10-FEET MAXIMUM SPACING (8-FEET W/SIDEWALK).



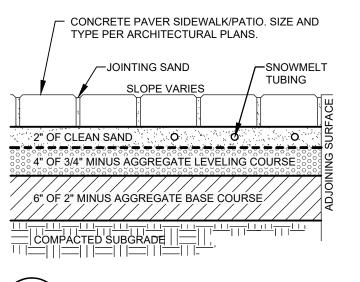
TYPICAL CONCRETE SIDEWALK SECTION N.T.S.



DETECTABLE WARNING PLATE

ANCHOR DETAIL

C2.00



HEATED PAVER DETAIL

C2.00

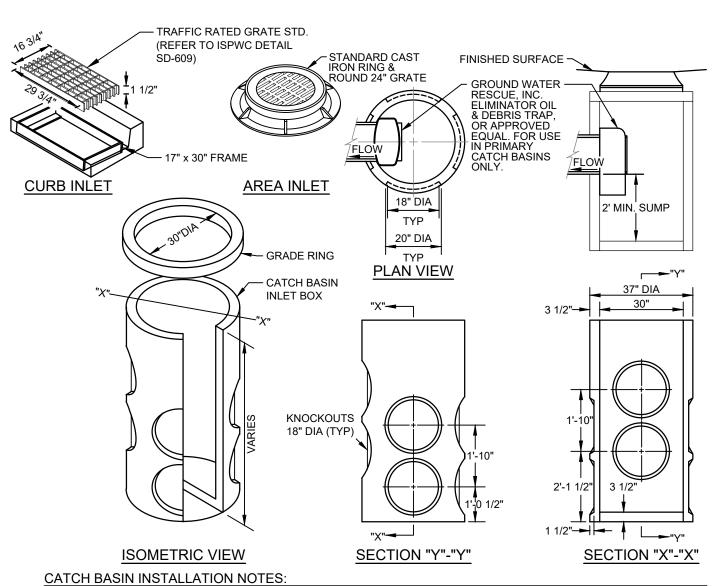
DESIGNED BY DRAWN BY CHECKED BY

TYPICAL SIGN BASE

C2.00

- 1. LINE DRAIN IS SUITABLE FOR APPLICATIONS FOR CONTROLLING SPREAD IN GUTTER FLOW CONDITIONS OR TO INTERCEPT SHEET FLOW. TYPICAL APPLICATION IS AT THE STREET CURB OR BARRIER.
- 2. THE FRAME AND GRATE IS SUITABLE FOR PEDESTRIAN AND BICYCLE TRAFFIC AND RATED FOR H-25 AND HS-25 LOADS.
- 3. CONCRETE THICKNESS, TYPE, AND AMOUNT OF REINFORCEMENT TO BE SAME AS ADJACENT PAVEMENT OR GREATER. PERFORM STRUCTURAL ANALYSIS TO DETERMINE REQUIREMENTS FOR APPLICATION.
- 4. TOP OF GRATE TO BE INSTALLED FLUSH TO 1/8 IN BELOW FINISHED GRADE. BEVEL CONCRETE TO TOP OF GRATE IF BELOW FLUSH.

TRENCH DRAIN DETAIL (ABT INTERCEPTOR LINE DRAIN OR APPROVED EQUAL)

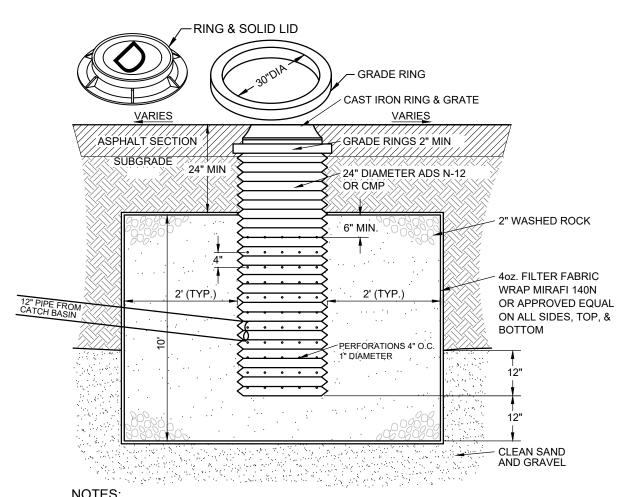


1. A PRIMARY CATCH BASIN IS DEFINED AS THE FIRST STORM STRUCTURE UPSTREAM OF A DRYWELL. A SATELLITE CATCH BASIN IS DEFINED AS THE STORM STRUCTURE UPSTREAM OF THE PRIMARY CATCH BASIN.

- 2. THE OIL & DEBRIS TRAP SHALL BE INSTALLED ON THE OUTLET OF THE PRIMARY CATCH BASIN ONLY, NOT ON SATELLITE
- 3. PLACE A MINIMUM OF 4" OF COMPACTED BEDDING ON PREPARED SUBGRADE AS SPECIFIED IN ISPWC SECTION 305 PIPE BEDDING. EXTEND BEDDING EITHER TO THE LIMITS OF THE EXCAVATION OR AT LEAST 12" OUTSIDE THE LIMITS OF THE
- 4. FILL THE BALANCE OF THE EXCAVATED AREA WITH SELECT MATERIAL COMPACTED LEVEL TO THE TOP OF THE BEDDING.

5. PROVIDE A SMOOTH AND LEVEL BEARING SURFACE ON THE BEDDING SURFACE.



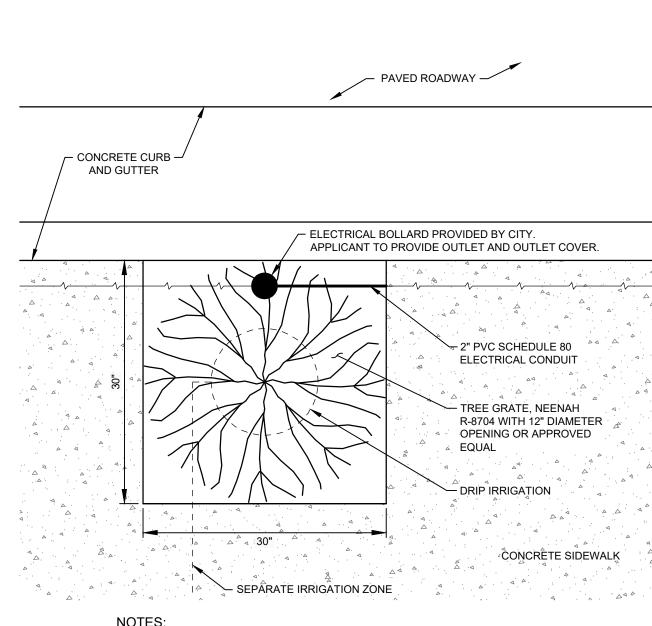


1. THE BED SHALL BE EXCAVATED A MINIMUM OF 24" INTO CLEAN SAND AND GRAVEL.

- MAXIMUM DEPTH SHALL NOT EXCEED 12 FEET. 3. IF CLEAN SAND AND GRAVEL IS NOT ENCOUNTERED WITHIN 12 FEET, THE CONTRACTOR SHALL CONTACT THE DESIGN ENGINEER.

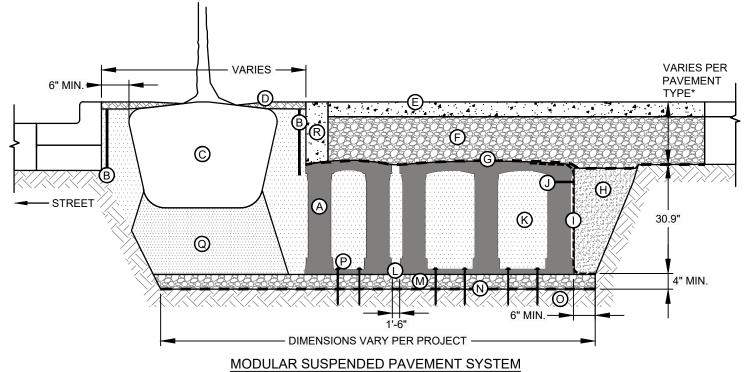
4. GRATE OR SOLID LID AS APPROVED BY CITY OF KETCHUM.





- 1. TREE TO BE 3" MINIMUM CALIPER AUTUMN BLAZE MAPLE OR APPROVED EQUAL.
- 2. CITY OF KETCHUM REQUIRES DRIP IRRIGATION TO BE ON A SEPARATE ZONE WITH HUNTER/RAINWISE SMART CLOCK, OR APPROVED EQUAL, FOR REMOTE ACCESS BY CITY.
- 3. APPLICANT TO CONNECT AND PROVIDE CONDUITS, WIRING, AND SEPARATE CIRCUIT, OR TIE TO A CITY CIRCUIT FOR POWER.
- NO DIRECT BURIAL WIRE PERMITTED.
- 5. TREE INSTALLATION TO BE MODULAR SUSPENDED PAVEMENT SYSTEM. SEE TREE WELL SECTION VIEW, DETAIL 2.

PLAN VIEW



*MINIMUM PAVEMENT PROFILE

4" ASPHALT

2.6" PAVER ..

OPTIONS TO MEET H-20 LOADING

+ AGGREGATE

BASE COURSE

.. + 4" AGGREGATE + 12" AGGREGATE

+ 12" AGGREGATE

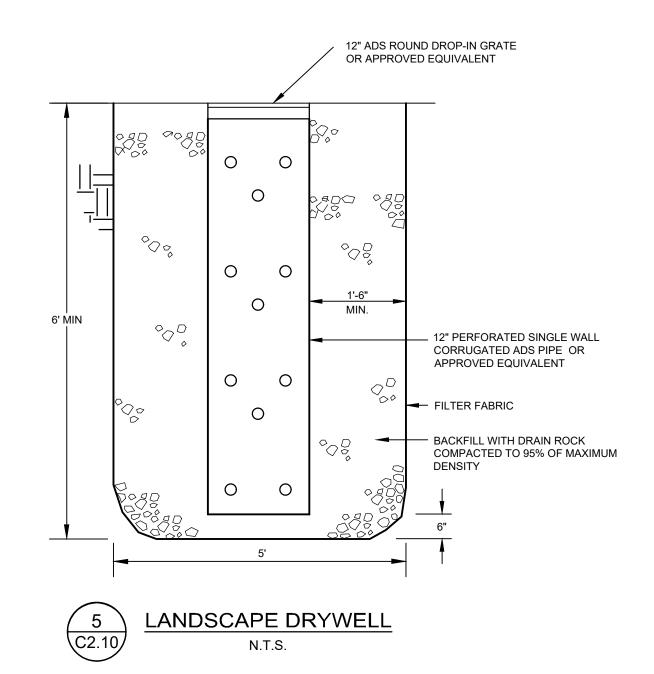
+ 5" CONCRETE

- A. SILVA CELL SYSTEM (DECK, BASE, AND POSTS) OR APPROVED EQUAL. B. DEEPROOT ROOT BARRIER, 12" OR 18", DEPTH DETERMINED BY THICKNESS OF PAVEMENT SECTION, INSTALL DIRECTLY ADJACENT TO CONCRETE EDGE RESTRAINT. PREVENTS ROOTS FROM DISTURBING PAVEMENT.
- TREE ROOT PACKAGE, SIZE VARIES
- D. TREE OPENING TREATMENT, PER PROJECT SPECIFICATIONS E. SURFACE TREATMENT, PER PROJECT
- F. AGGREGATE BASE COURSE, DEPTH VARIES PER PROJECT
- G. GEOTEXTILE TO KEEP AGGREGATE FROM MIGRATING DOWN THROUGH CELL DECK
- H. BACKFILL, PER PROJECT SPECIFICATIONS
- I. GEOGRID TO PROVIDE FOR VERTICAL SEPARATION BETWEEN PLANTING SOILS AND BACKFILL WHILE ALLOWING ROOT PENETRATION INTO ADJACENT SOILS. 6" (150 mm) TOE (OUTWARD FROM BASE) AND 12" (305 mm) EXCESS (OVER TOP
- J. CABLE TIE, ATTACHING GEOGRID TO SILVA CELL AT BASE OF UPPER POST FLARE
- K. PLANTING SOIL, PER PROJECT SPECIFICATIONS, COMPACTED TO 70-80% PROCTOR L. SILVA CELL BASE SLOPE, 10% MAX
- M. 4" (100 mm) MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
- N. GEOTEXTILE, TO PROVIDE SEPARATION BETWEEN SUBGRADE AND AGGREGATE BASE O. SUBGRADE, COMPACTED TO 95% PROCTOR
- P. PIN, PER SILVA CELL SPECIFICATIONS, TO KEEP CELLS IN PLACE DURING CONSTRUCTION
- Q. PLANTING SOIL BELOW TREE ROOT PACKAGE, COMPACTED TO 85-90% PROCTOR R. CONCRETE EDGE RESTRAINT TO STABILIZE EDGE AND PREVENT AGGREGATE MIGRATION INTO TREE OPENING.

SECTION VIEW

- 1. EXCAVATION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFETY REGULATIONS.
- 2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- 3. A PROJECT SPECIFIC DETAIL WILL NEED TO BE PROVIDED TO CITY FOR REVIEW AND APPROVAL

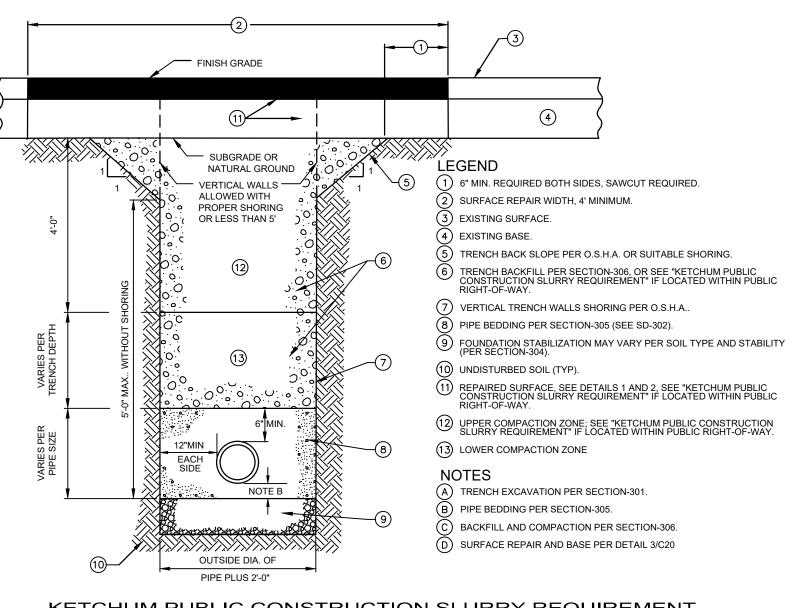




DESIGNED BY

CHECKED BY

DRAWN BY



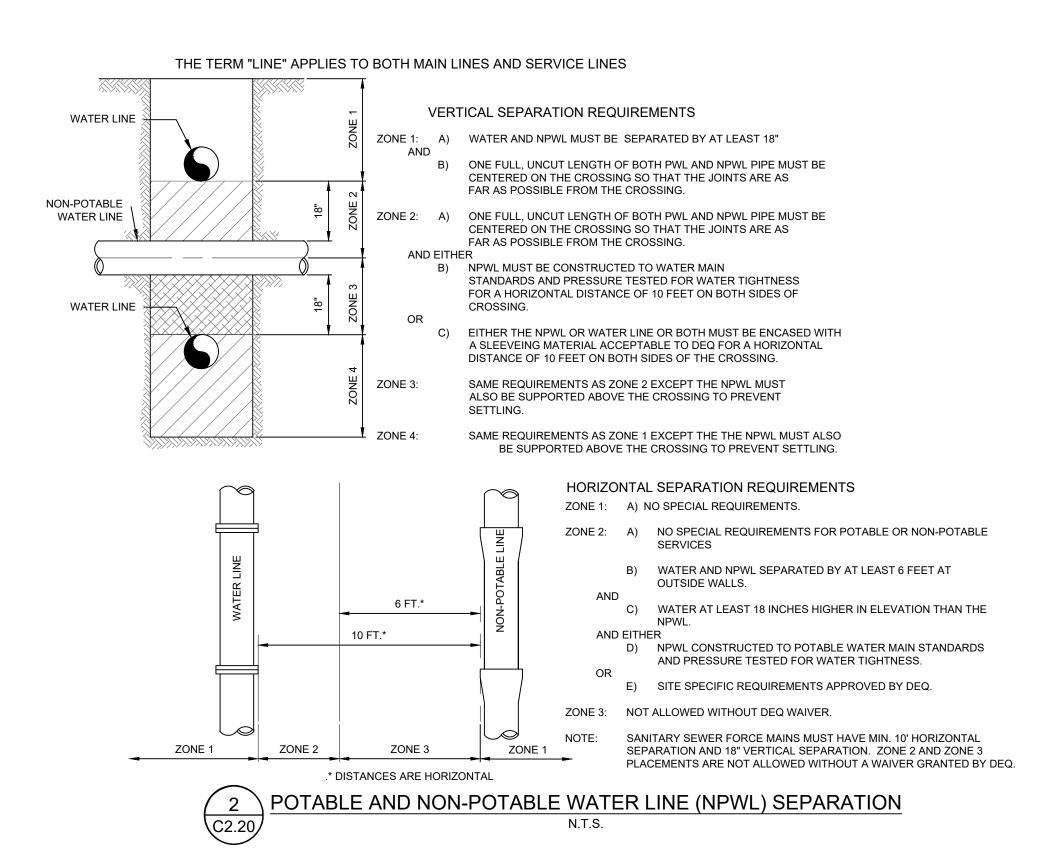
KETCHUM PUBLIC CONSTRUCTION SLURRY REQUIREMENT
IN AREAS WHERE IT IS NECESSARY TO CUT THE ASPHALT PAVEMENT AND DIG A TRENCH FOR BURIAL OF CONDUIT CABLE OR OTHER CITY UTILITY, THE
TRENCH SHALL BE BACKFILLED WITH A LEAN CONCRETE MIX TO THE BOTTOM OF FINISH SURFACE MATERIAL WITH THE FOLLOWING PROPORTIONS OF
MATERIALS:

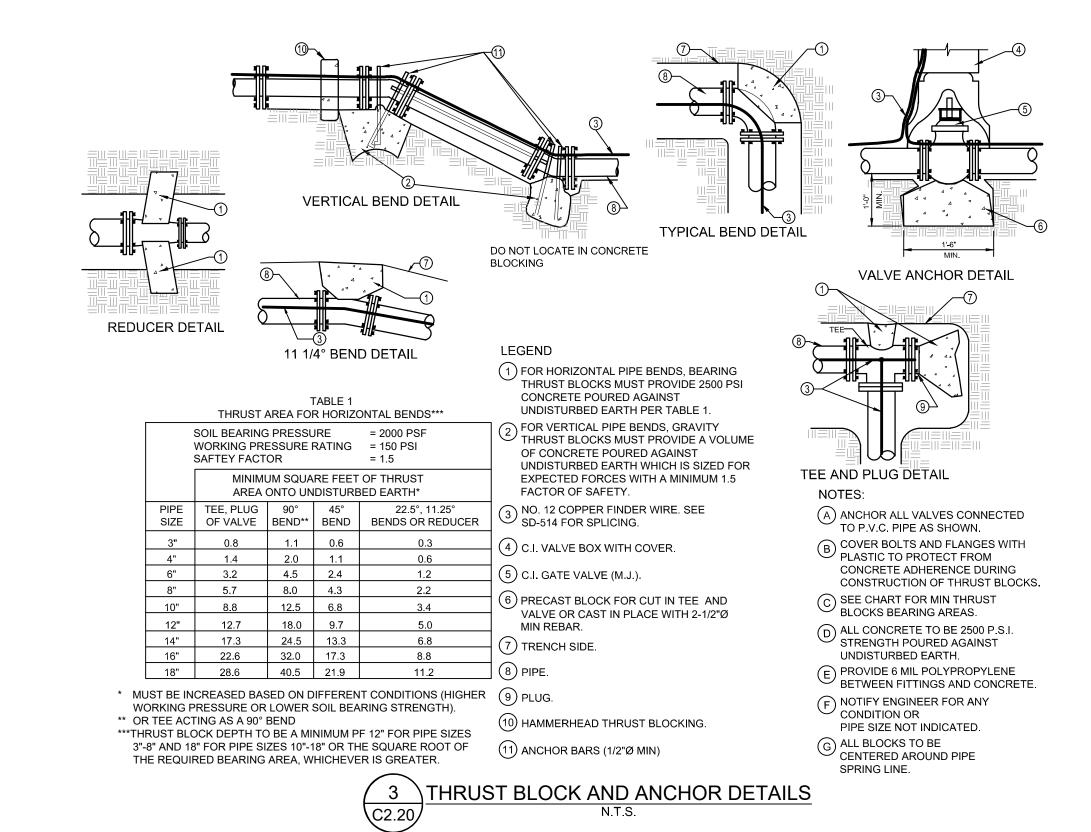
COARSE AGGREGATE (%" MINUS) 2,600 LBS.
SAND 800 LBS.
PORTLAND CEMENT 94 LBS.
WATER 11 GAL (MAX.)

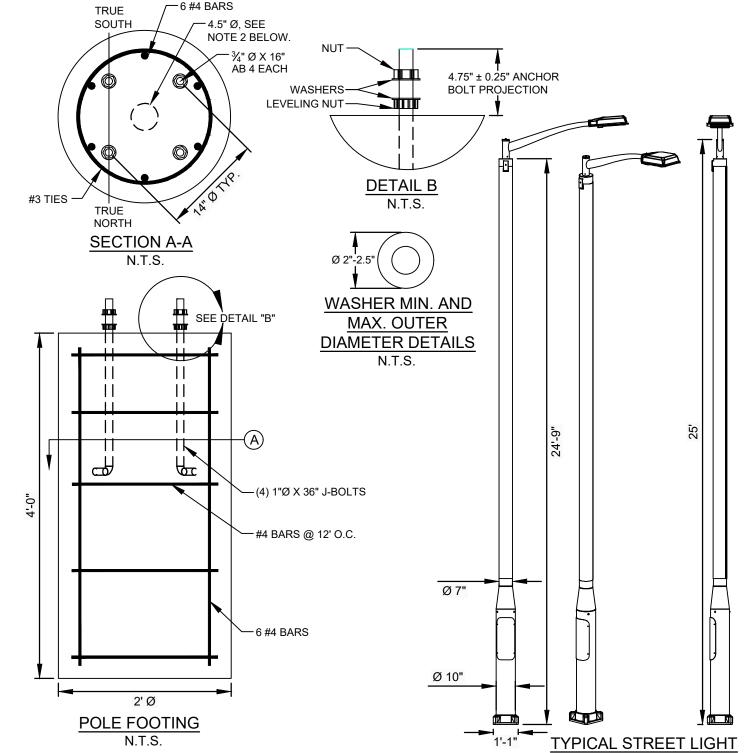
WATER CONTENT IS MAXIMUM AND MAY BE REDUCING DOWNWARD. CARES SHALL BE TAKEN TO ASSURE THAT EXCESS WATER IS NOT PRESENT IN THE MIXING DRUM PRIOR TO CHARGING THE MIXER WITH MATERIALS. THOROUGH MIXING WILL BE REQUIRED PRIOR TO DISCHARGE.

NO COMPACTION, VIBRATION OR FINISHING IS REQUIRED. THE LEAN CONCRETE MIX SHALL BE STRUCK OFF AT OR BELOW THE ELEVATION OF THE PLANTMIX SURFACING WITH A SQUARE-NOSE SHOVEL OR SIMILAR HAND TOOL. THE BACKFILL MIX SHALL BE ALLOWED TO SET FOR A MINIMUM OF 2 HOURS BEFORE THE PERMANENT PLANTMIX SURFACING IS PLACED TO COMPLETE THE TRENCH REPAIR. TEMPORARY PLACEMENT OF ASPHALT COLD MIX SURFACING MAY BE NECESSARY TO ACCOMMODATE TRAFFIC WITHIN THE FIRST 2 HOURS OF BACKFILL PLACEMENT PRIOR TO COMPLETING THE PERMANENT REPAIR.

1 TYPICAL TRENCH SECTION N.T.S.







NOTES: 1. STREET LIGHT IS SOLARONE RFS DESIGN 158 LFP OR APPROVED EQUAL.

- 2. ANY CONDUITS AND/OR GROUNDING WIRES MUST BE HARDWIRED AND CONTAINED WITHIN A 4.5" Ø CIRCLE CENTERED ON THE FOUNDATION. GROUNDING ELECTRODE WIRE AND AC SUPPLY WIRE (IF REQUIRED) ARE 5' MIN. ABOVE THE BASE.
- 3. ANCHOR BOLT ORIENTATION TO TRUE NORTH/SOUTH IS ONLY RELEVANT FOR OFF-GRID SOLAR POLES. DISREGARD FOR
- GRID-TIED POLES.

 4. GROUNDING WIRE MUST BE 60" FROM BASE SO IT CAN REACH THE GROUNDING LUG INSIDE THE POLE.
- GROUNDING WIRE MUST BE 60 FROM BASE SO IT CAN REACH THE GROUNDING EC
 STREET LIGHT SHALL BE 25' IN HEIGHT OR AS APPROVED BY CITY OF KETCHUM.



