GENERAL NOTES:

I. ALL CONSTRUCTION AND MATERIALS SHALL BE SPECIFIED AND IN ACCORDANCE WITH ALL APPLICABLE CODES, PERMITS AND LAWS.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL NEW CONSTRUCTION ON THE SITE

3. THE CONTRACTOR SHALL VERIFY ALL FIELD DIMENSIONS AND CONDITIONS BEFORE STARTING WORK. IF A DISCREPANCY APPEARS BETWEEN CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS, NOTIFY YAMPA VALLEY ENGINEERING AT ONCE.

4. THE JOB SITE SHALL BE MAINTAINED IN A CLEAN AND ORDERLY CONDUCT. THE JOB SITE SHALL BE FREE OF DEBRIS AND TRASH. MATERIALS AND EQUIPMENT SHALL BE REASONABLY PLACED. EACH SUB-CONTRACTOR ON COMPLETION OF HIS/HER PHASE OF THE JOB SHALL REMOVE ALL DEBRIG, TRASH AND EQUIPMENT.

5. ALL MATERIALS AND EQUIPMENT ON THE JOB SITE SHALL BE STACKED AND PROTECTED PROPERLY TO PREVENT DAMAGES AND OR DETERIORATION.

6. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DRAWINGS. ALL DIMENSIONS ARE TO FACE OF FRAMING AND FACE OF CONCRETE. ALL INTERIOR STUDS ARE TO BE 2X4 UNLESS OTHERWISE NOTED. ALL EXTERIOR STUDS ARE TO BE 2X6 UNLESS OTHERWISE NOTED.

7. CONTRACTOR SHALL PROVIDE ALL BLOCKING, BACKING, AND FRAMING FOR LIGHT FIXTURES AND ELECTRICAL EQUIPMENT.

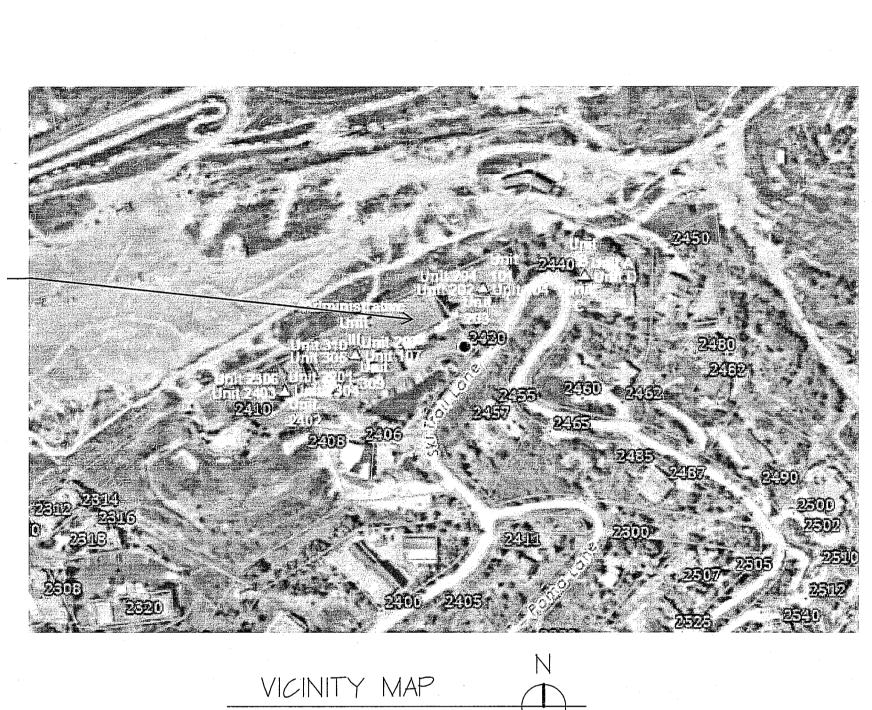
8. PROVIDE ALL ACCESS PANELS TO ALL ENCLOSED SPACES, VOIDS AND ATTICS AS REQUIRED BY GOVERNING CODES.

APPLICABLE CODES OF 2024

202 INTERNATIONAL BUILDING CODE 2021 INTERNATIONAL MECHANICAL CODE 2021 INTERNATIONAL PLUMBING CODE 2021 INTERNATIONAL ENERGY CONSERVATION CODE 2023 NATIONAL ELECTRIC CODE 2013 COLORADO MODEL ELECTRIC/SOLAR READY







PROPOSED PROJECT

> SYMBOLS - WINDOW TAG 000r 10 (TOP) - 000r WIDTH (BOTTOM) Æ  $\boxtimes$  — SECTION MARK  $\langle - \rangle$ \_ DETAIL NUMBER W/ SHEET NUMBER \_\_\_\_\_  $\square$ - EXHAUST FAN S - SMOKE DETECTOR ۰ A \_ CARBON MONOXIDE DETECTOR  $\bigcirc$ 0 - FL*OO*R DRAIN - R*00*F SLOPE  $EL = 100 - 0^{\circ}$  Top of Elevation

LEGEND	
	NATIVE SØLS ØR — STRUCTURAL FILL
	— GRANILAR BACKFILL
· 	— P <i>05</i> T
	— 2x4 WALL
	— 2×6 WALL
A	8" CONCRETE WALL
	RIGID INSULATION
	— BATT INSULATION

SHEET INDEX

T--|

A-0 A—I

ARCHITECTURALS

TITLE SHEET

EXISTING & PROPOSED FLOOR PLANS

INFO SHEET

PROJECT DIRECTORY <u>OWNER</u> VINCENT CIRRINCIONE J ||| 2790 IDLEWOOD AVE CANEGIE, PA 15106 <u>CONTRACTOR</u> GRAHAM CUSTOM HOMES 1794 KAMAR PLAZA P.O. BOX 772/92 970-870-9229

LICENSED DESIGN PROFESSIONAL & <u>STRUCTURAL ENGINEER</u> YAMPA VALLEY ENGINEERING, INC. STEAMBOAT SPRINGS, COLORADO 80477 yvengr@yvengr.com

STRUCTURALS

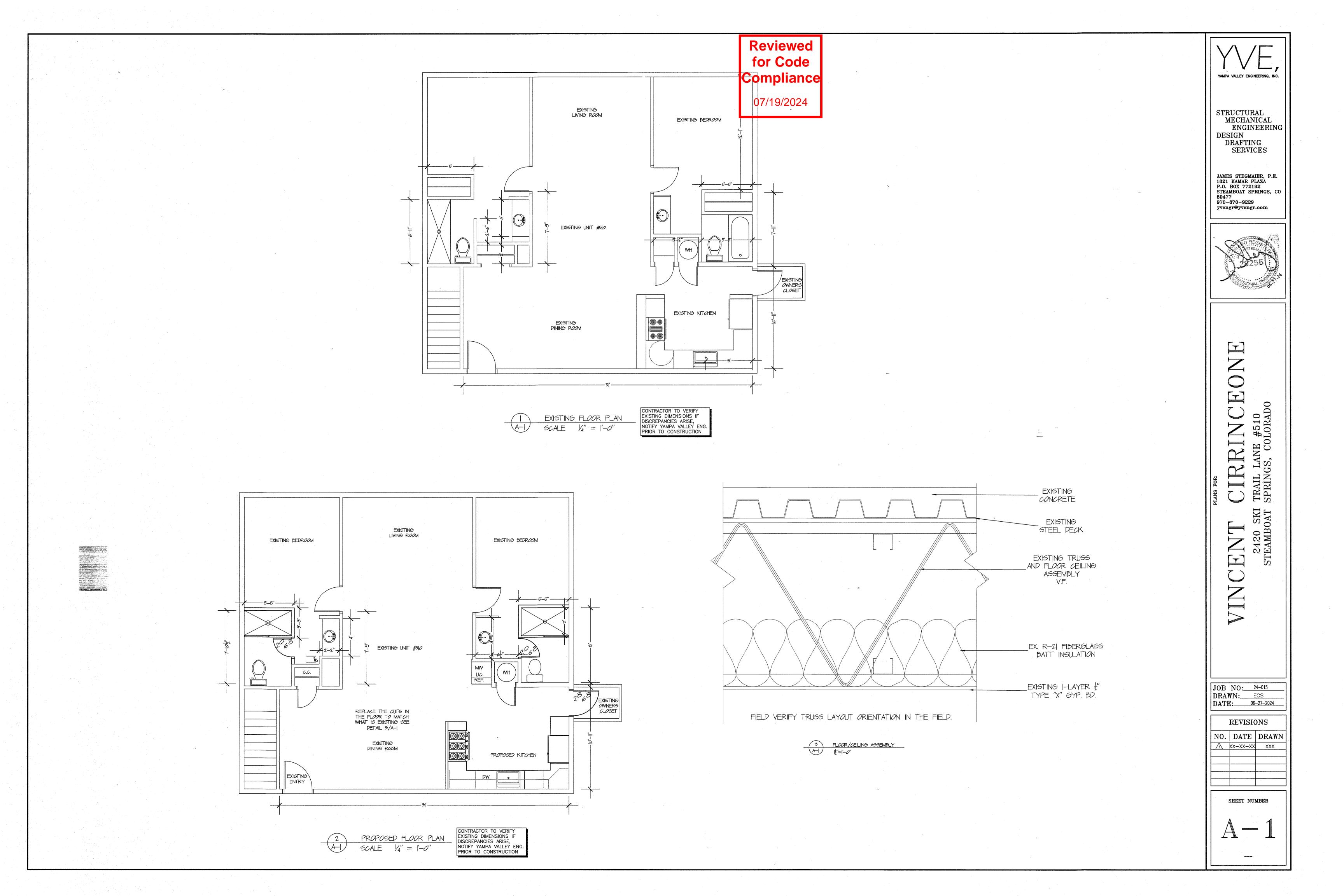
S-I STRUCTURAL

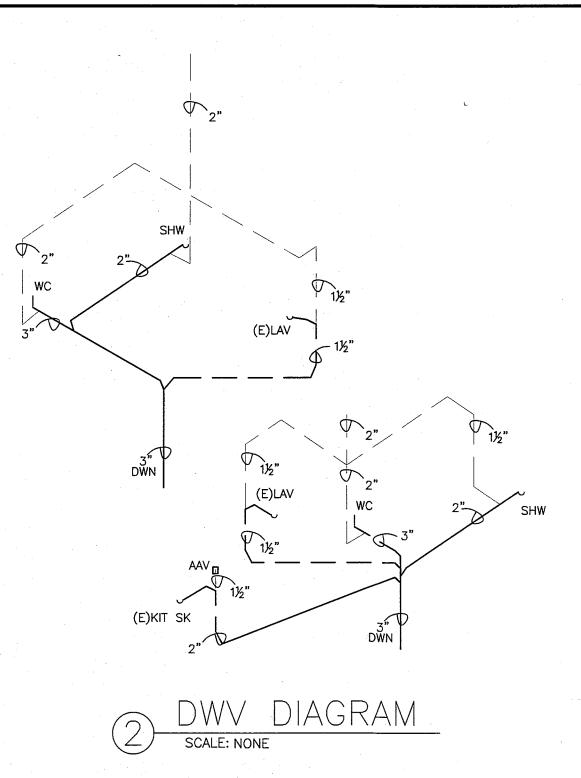
P-1 MECHANICAL & PLUMBING

MECHANICAL ENGINEERING DESIGN DRAFTING SERVICES JAMES STEGMAIER, P.E. 1821 KAMAR PLAZA P.O. BOX 772192 STEAMBOAT SPRINGS, CO 80477 970-870-9229 yvengr@yvengr.com  $\bigcirc$ DO #510 LORAI E CO] **|**  $\sim$ Z CIR TRAIL L SPRINGS 2420 SKI STEAMBOAT F---- $\searrow$ JOB NO: 24-015 DRAWN: ECS DATE: 06-27-2024 REVISIONS NO. DATE DRAWN SHEET NUMBER \_\_\_\_\_ ---

YAMPA VALLEY ENGINEERING, INC

STRUCTURAL





## Plumbing System A. Plumbing contractor shall provide all labor, materials and equipment to install water, sewer piping and gas piping where indicated. All work shall be in accordance with the current IBC, IPC and all state and local

gas piping where indicated. All work shall be in accordance with the current IBC, IPC and all state and local codes and regulations. Only licensed plumbing contractors shall install water, sewer or gas piping.B. All appropriate plumbing permits shall be issued prior to work commencing in those areas.

D. Coordinate work with other trades to eliminate conflicts. Verify dimensions and sizes and report errors, conflicts and inconsistencies to the Designer before starting work. Execute work in accordance with best current standard practices to contribute to the efficiency of operation, accessibility, slightliness and minimal maintenance. Conform and accommodate systems to building structure, equipment and usage so that they do not interfere with the operation of other systems or operational parts of the building.

PIPE AND FITTINGS

A. Domestic Water: All above slab DW piping shall be Type M copper or approved poly piping. All piping products shall comply with ASTM B42-87 and ASTM B 88-86. Joints shall be up of 95-5 tin-antimony solder metal per ASTM B 32-70, alloy Grade 95TA.

B. Drain and Waste Piping - Above and Underground

Sewer pipe shall be Cast Iron. Cl fittings shall correspond to pipe in material, class and ASTM designation MISCELLANEOUS PIPING MATERIALS/PRODUCTS

A. Soldering Materials: Provide soldering materials as determined by installer to comply with installation requirements.

B. Piping Connectors for Dissimilar Non—Pressure Pipe: Elastomeric annular ring insert or elastomeric flexible coupling minimizes flexible duct lengths and sharp bends.

VALVES A. General: Provide valves of types and pressure ratings indicated by application and comply with all state and local codes. PIPING SYSTEM\_JOINTS

A. Thread natural gas pipe in accordance with ANSI B2.1. Cut threads full and clean using sharp dies. Ream threaded ends to remove burrs and restore full inside diameter. Apply pipe joint or pipe joint tape where recommended by pipe/fitting manufacturer.

B. Solder copper tube—and—fitting joints where indicated, in accordance with recognized industry practice. Cut tube ends squarely, ream to full inside diameter, and clean outside of tube ends and inside of fittings. Use only flux—with—no lead content.

INSTALLATION OF HANGERS AND SUPPORTS

A. All suspended domestic pipe shall be suitable braced to prevent horizontal movement.

B. Prevent electrolysis in support of copper tubing by use of hangers and supports that are copper plated, or by other recognized industry methods or by plastic coated hangers.

C. All gas piping shall be adequately supported per the table below: Pipe Size (In) Maximum distance between supports (Ft)

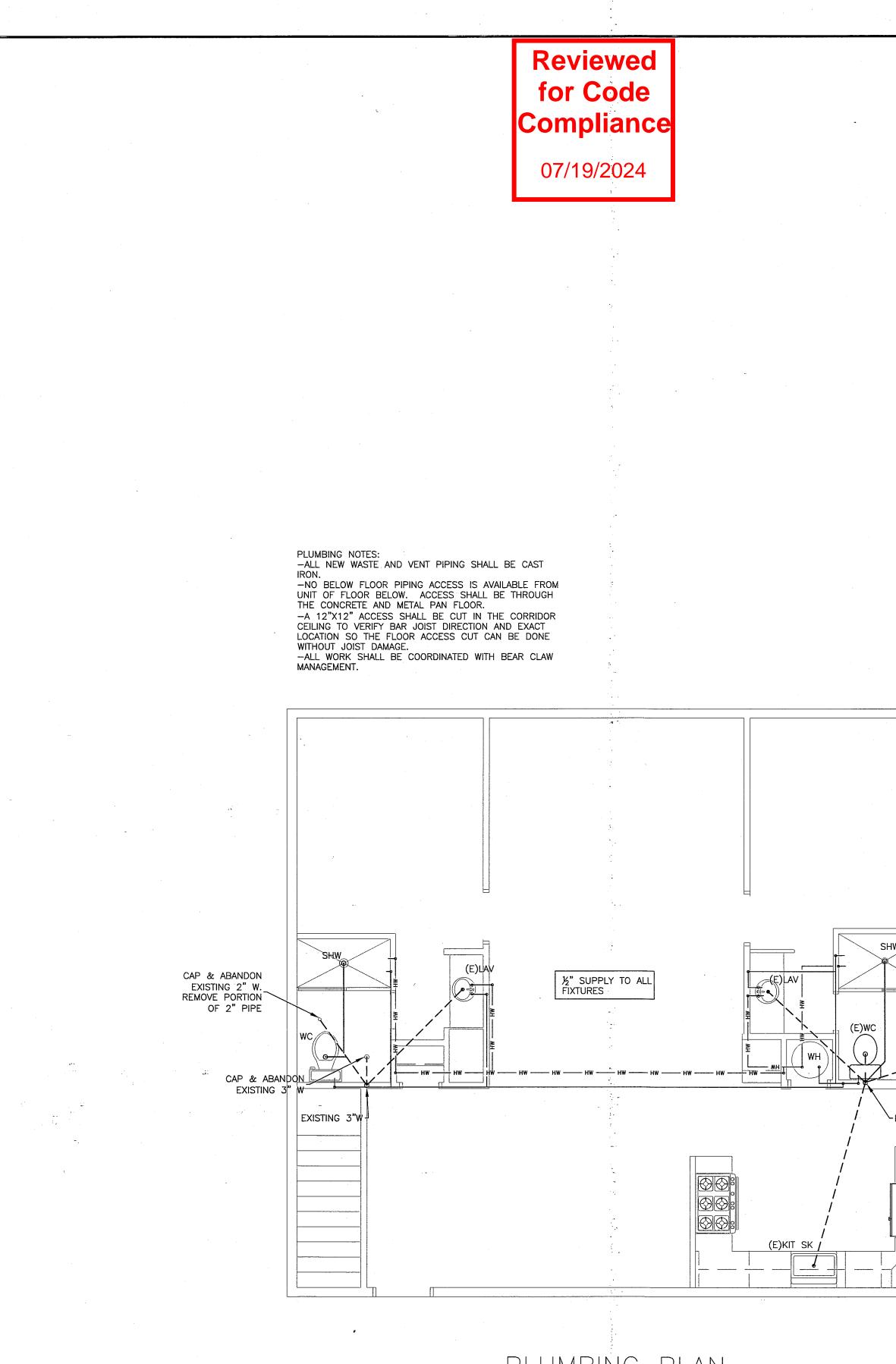
PLUMBING FIXTURES

A. Provide factory fabricated fixtures of type, style and material indicated. Where more than one is indicated, selection is installer's option when approved by owner. All fixtures of the type specified on the mechanical plans, unless approved by the engineer and/or owner.

fixtures, inlet and outlet shall have easy disconnects so interceptor may be move for ease of cleaning. INSTALLATION OF NATURAL GAS PIPING

A. All exposed gas piping shall be kept at least six- (6) in. above grade or structure.

B. All gas appliances unit shall have an accessible main gas shut—off located at unit. Shut—offs shall be AGA approved gas ball valve type, Nibco or equal. Gas piping sizes indicated assume gas meter is located directly in front of building and adjacent to corresponding units.



 $1 = \frac{\text{PLUMBING}}{\text{SCALE: } 1/4" = 1'-0"}$ 

