

ARCHITECTURE

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NJ LIC. #A1-09596
PA LIC. #RA-016597

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ELECTRICAL NOTES

- Do not scale drawings. Drawings are to be intended only to depict the scope and general extent of the work to be performed. Specific dimensions are to be verified in the field by the contractor before installation.
- All electrical work shall be performed by a licensed electrician and conform to the 2017 National Electric Code with New Jersey Amendments and local code requirements.
- The electrical contractor shall supply a complete and operating electrical system including all materials & labor necessary for the timely completion of all work as shown in these drawings, except for items that are specified as to be furnished by others.
- The electrical contractor shall verify the electrical characteristics and load of all the machinery and other electrical equipment to be installed at the job prior to beginning work. Discrepancies shall be brought to the attention of the Architect prior to work.
- All wiring shall be copper, 600 volt, AWG #12 minimum wire size. THIN insulation except metal clad cable which may have TH.
- Exposed wiring shall be in EMT or Metal Clad Cable(MC).
- Electrical Contractor to guarantee his work for a period of (1) year after the date of issue of Certificate of Occupancy, and shall repair or replace at his sole cost and expense and in a timely manner, any work that proves defective during the term of the warranty.
- Do not make any alterations, changes, or substitution without written approval from the Architect.
- The electrical contractor shall "call for" and obtain all inspections of his work that may be required. The minimum inspections shall include "Rough" and "Final" inspections by the local building official. Approval certificates or stickers will be required as evidence of proper inspections.

BARRIER FREE NOTES:

- ALL DOORS TO BE 3'-0" WIDE MINIMUM.
- ALL DOORS TO HAVE LEVER TYPE HARDWARE.
- WHERE CLOSERS ARE INSTALLED THEY SHALL MEET THE FOLLOWING REQUIREMENTS:
 - OPENING FORCE OF 5 POUNDS OR LESS.
 - NOT CLOSE IN LESS THAN 5 SECONDS FROM 90 DEGREES OPEN TO 12 DEGREES OPEN.
- THE TOPS OF WORK SURFACES AND SERVICE COUNTERS SHALL BE 28" TO 34" TO THE FLOOR.
 - KNEE SPACES SHALL BE 27" HIGH, 30" WIDE AND 19" DEEP MINIMUM.
- ALL ELECTRICAL DEVICES TO BE MIN. 15" AND MAX. 48" ABOVE FLOOR.

PLUMBING NOTES

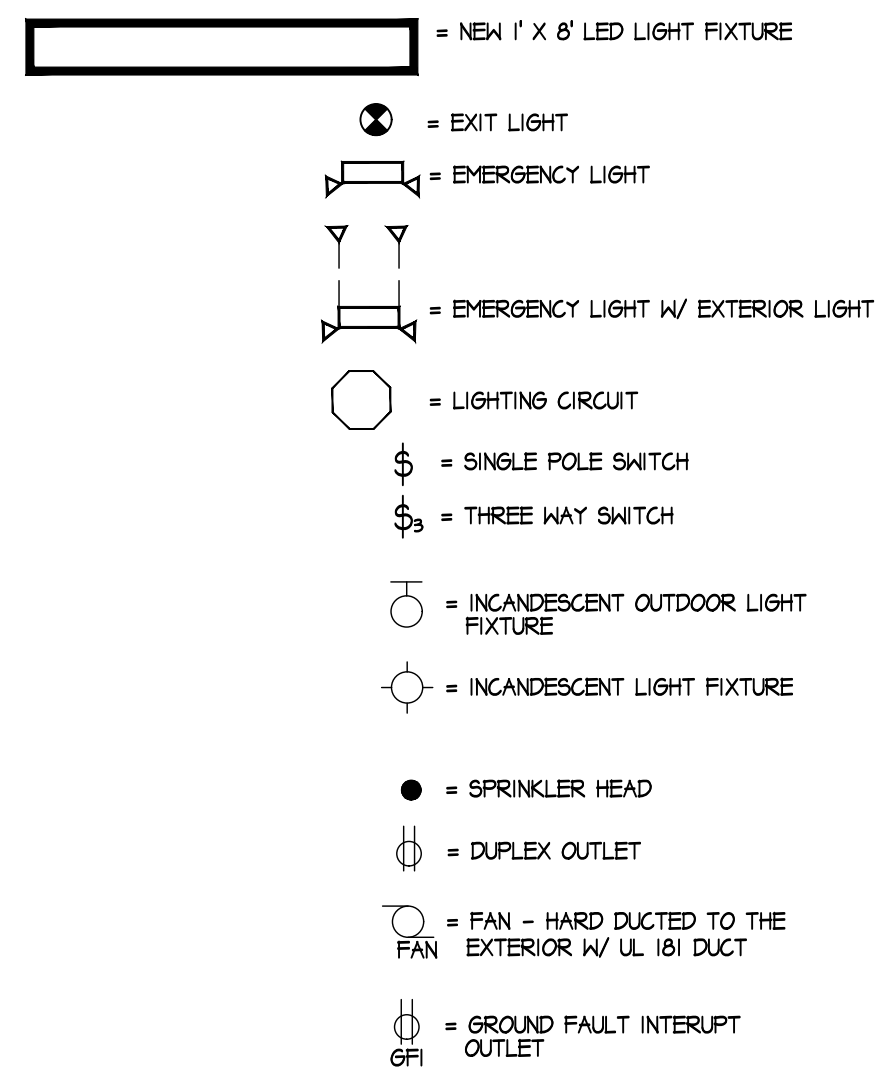
- Do not scale drawings. Drawings are intended only to depict the scope and general extent of the work to be performed. Specific dimensions are to be verified in the field by the contractor before installation.
- All plumbing work is to be performed by a licensed plumber and must conform with local plumbing codes and the National Standard Plumbing Code.
- The plumbing contractors shall provide a complete and operating plumbing system including all materials and labor necessary for the timely completion of all work as shown on these drawings, except for items that are specified as to be furnished by others.
- The plumbing contractor shall verify the equipment and machinery locations with the other contractors before beginning work. Discrepancies are to be resolved by the General Contractor before any work is to be performed.
- All under-slab waste lines shall be Schedule 40 ABS or PVC 4" dia. plastic. Water lines 1" in dia. or less shall be hard drawn type "L" copper or "PEX", 1 1/4" or larger water lines to be hard drawn type "M" copper, except all lines below grade to be soft annealed type "L" copper.
- Hot and Cold water lines to be wrapped with Armaflex.
- The plumbing contractor shall "call for" and obtain any inspections of the work that may be required. The minimum inspections shall include "Rough" and "Final" inspections by the local building official. Approval certificates or stickers will be required as evidence of proper inspections.
- Copper water lines to be joined with lead-free solder.
- Max. temp. 140 degrees F to discharge into any drain.

GENERAL NOTES

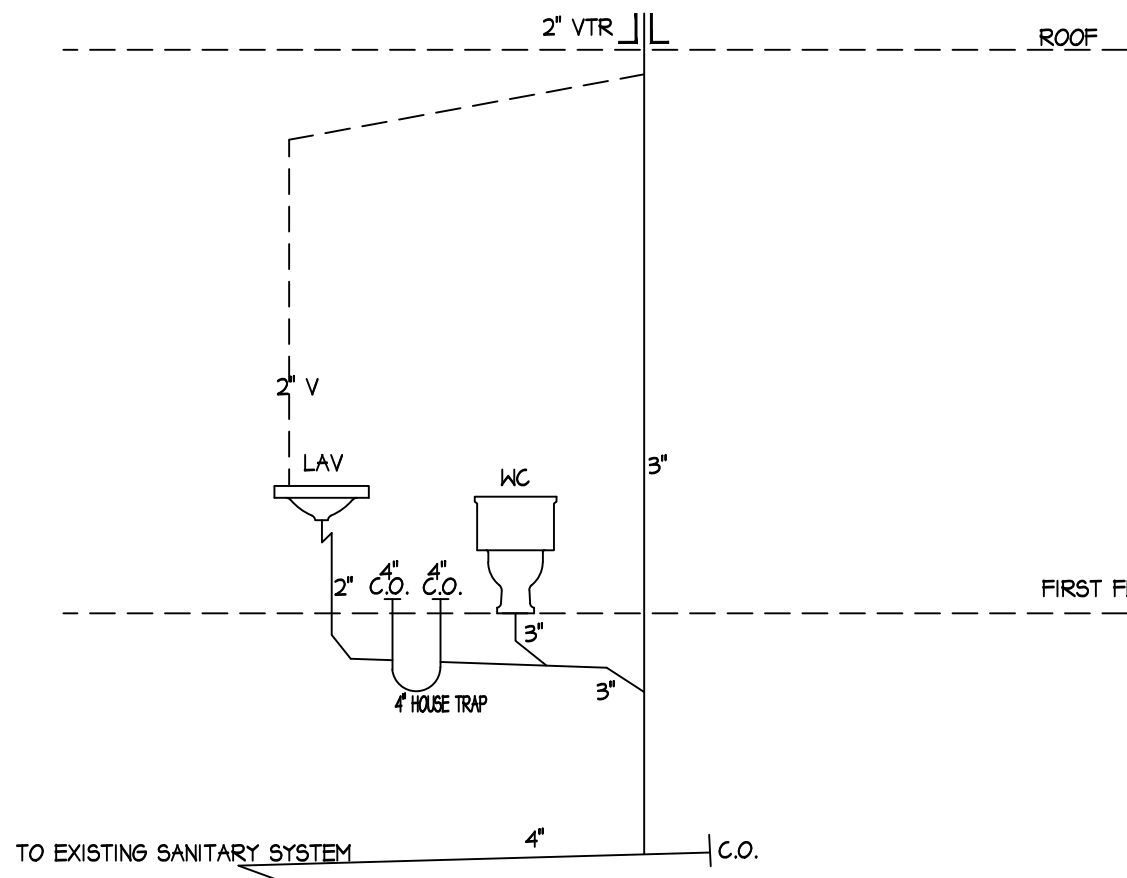
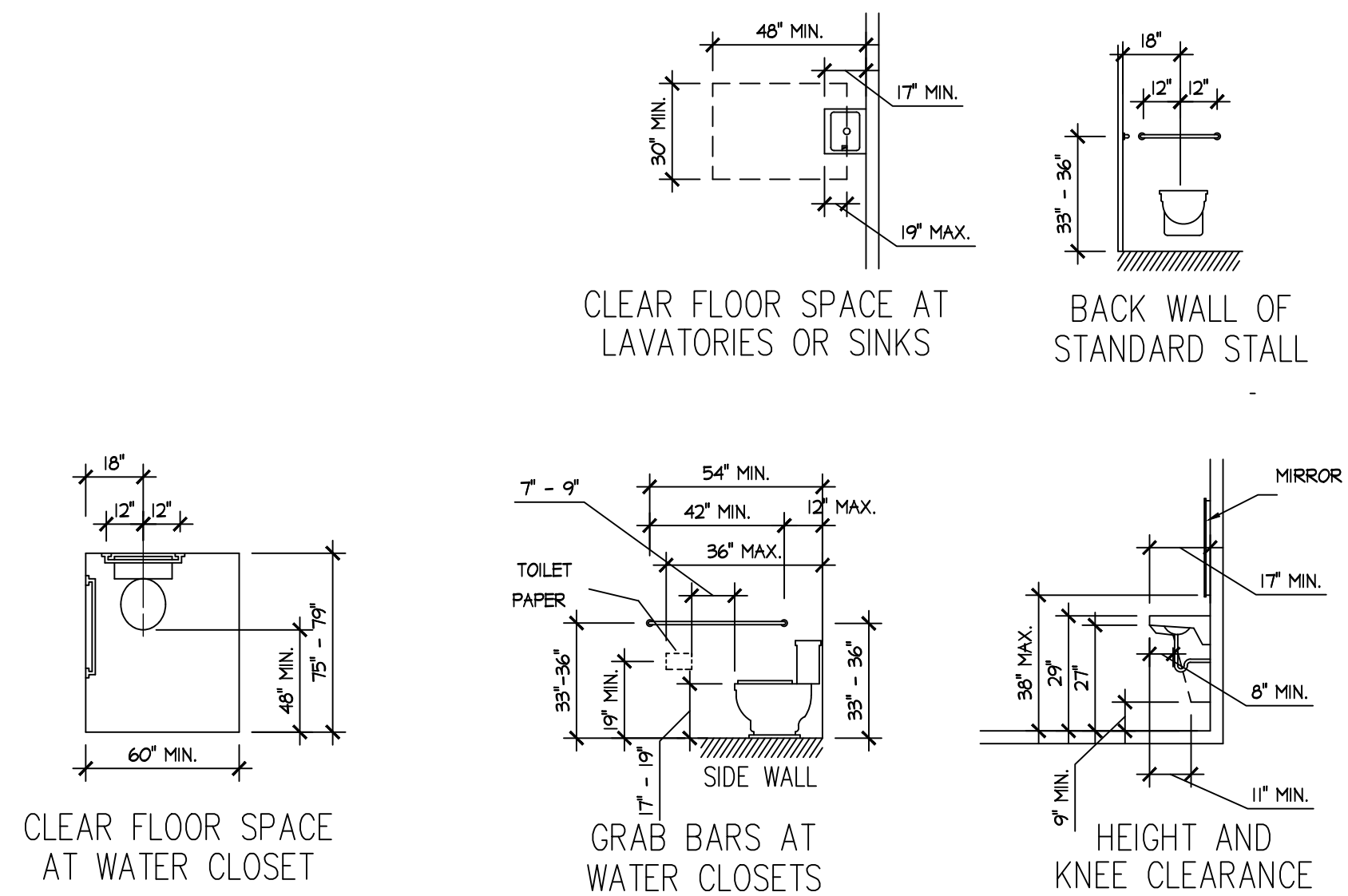
- The contractors are responsible to meet all requirements as outlined in the IBC - New Jersey 2018 local codes and ordinances.
- All structural, electrical, and mechanical work shall be in compliance with all governing codes, regulations, and rules as administered by the local building official.
- All contractors shall check and verify dimensions, notes and conditions at the jobsite before beginning any work. In the event of any discrepancy or conflict between this drawing and conditions in the field, the contractors are to notify the General Contractor immediately. Discovery of discrepancies after the commencement of work shall be deemed faulty work and shall be the full and sole responsibility of the contractors to correct.
- All work shall be performed in a first-class manner with all new materials. Contractors shall furnish all labor, equipment, and materials required for a proper execution and timely completion of the work. Contractor's shall be responsible for all material and equipment stored at the site.
- Do not scale from drawings. All written dimensions shall govern. All installations shall be accurately measured in the field before fabrication.
- These drawings are intended to indicate the general scope and general extent of the construction work to be performed. Specific details, materials, finishes, and equipment are to be provided by the contractors and agreed upon by the owner, unless otherwise notified. All materials, supplies, and equipment furnished by the contractors shall only be installed per the manufacturer's written instructions.
- The contractors must keep the site clean and free of debris.
- Each contractor or sub-trade shall obtain inspections of their work by the local building official and shall give the General Contractor evidence of approvals before proceeding with the next phase of the work.

BUILDING DATA
USE GROUP - M- MERCANTILE USE GROUP: S-1 STORAGE = 21062 S.F. CONSTRUCTION CLASSIFICATION - 3B NONCOMBUSTIBLE/COMBUSTIBLE/UNPROTECTED
DESIGN CODES:
UNIFORM CONSTRUCTION CODE - NJ I.B.C. 2018 BARRIER FREE-ICC /ANSI A117.1-2009 NATIONAL ELECTRICAL CODE 2017 MECHANICAL CODE IMC 2018 N.S. PLUMBING CODE 2018 I.E. CONSERVATION CODE 2018 ENERGY SUBCODE ASHRAE 2018 I. FUEL GAS CODE 2018

ELECTRICAL LEGEND



TYPICAL BARRIER-FREE DETAILS ICC/ANSI A117.1 - 2009



SCHEMATIC RISER DIAGRAM - TYPICAL N.T.S.

New Building at
901 Joyce Kilmer Avenue
North Brunswick, New Jersey

ISSUED FOR CONSTRUCTION PERMIT 12-03-19

DESCRIPTION

DATE: 12-02-19

DRAWN BY: C.G.

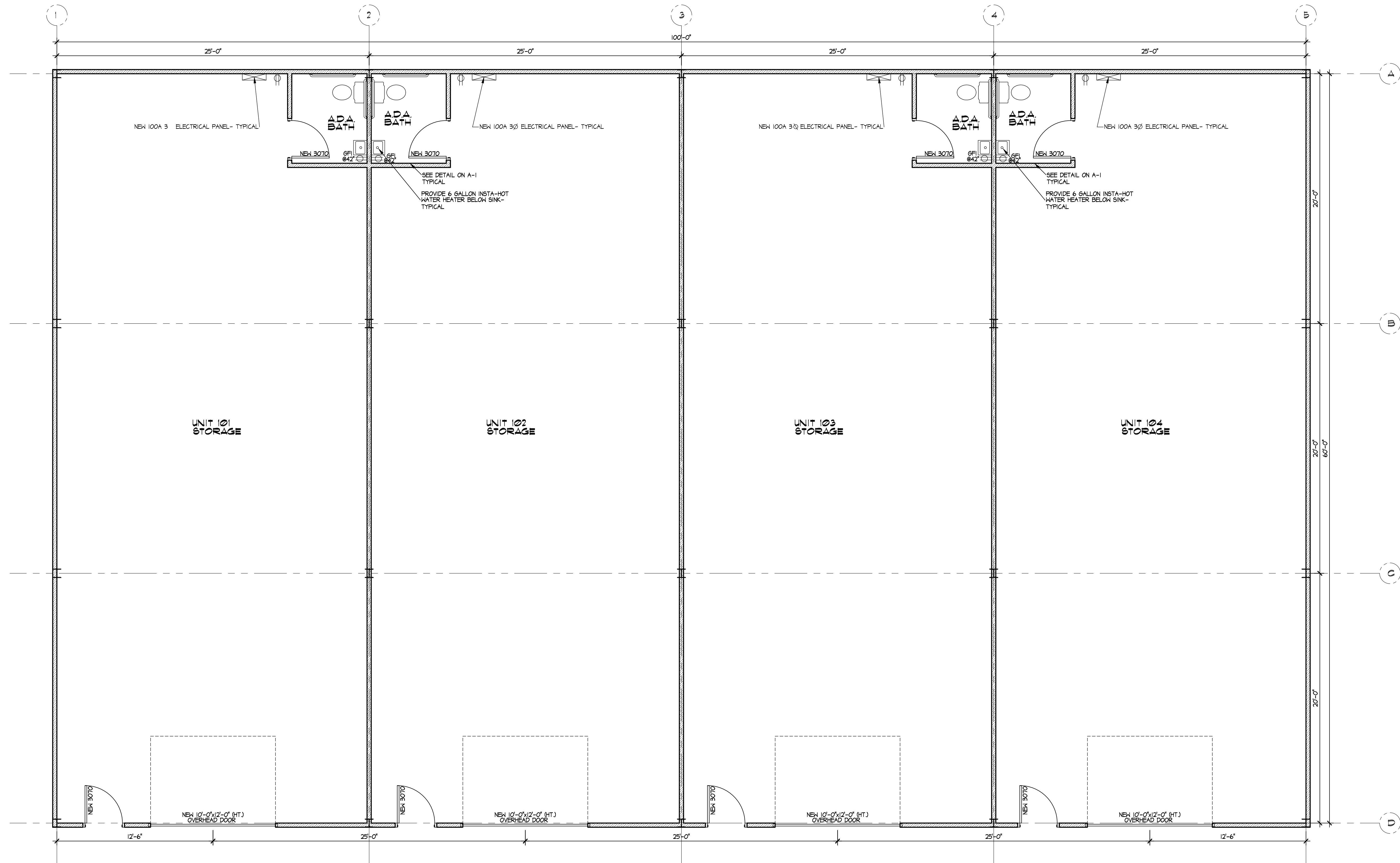
CHK'D BY: W.J.D.

SCALE: AS NOTED

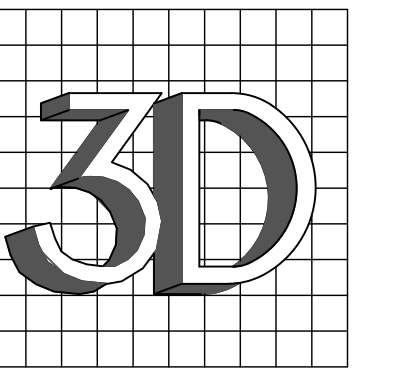
SHEET 1 OF 3

SHEET

A-1



CONSTRUCTION PLAN
SCALE: 1/4"=1'-0"



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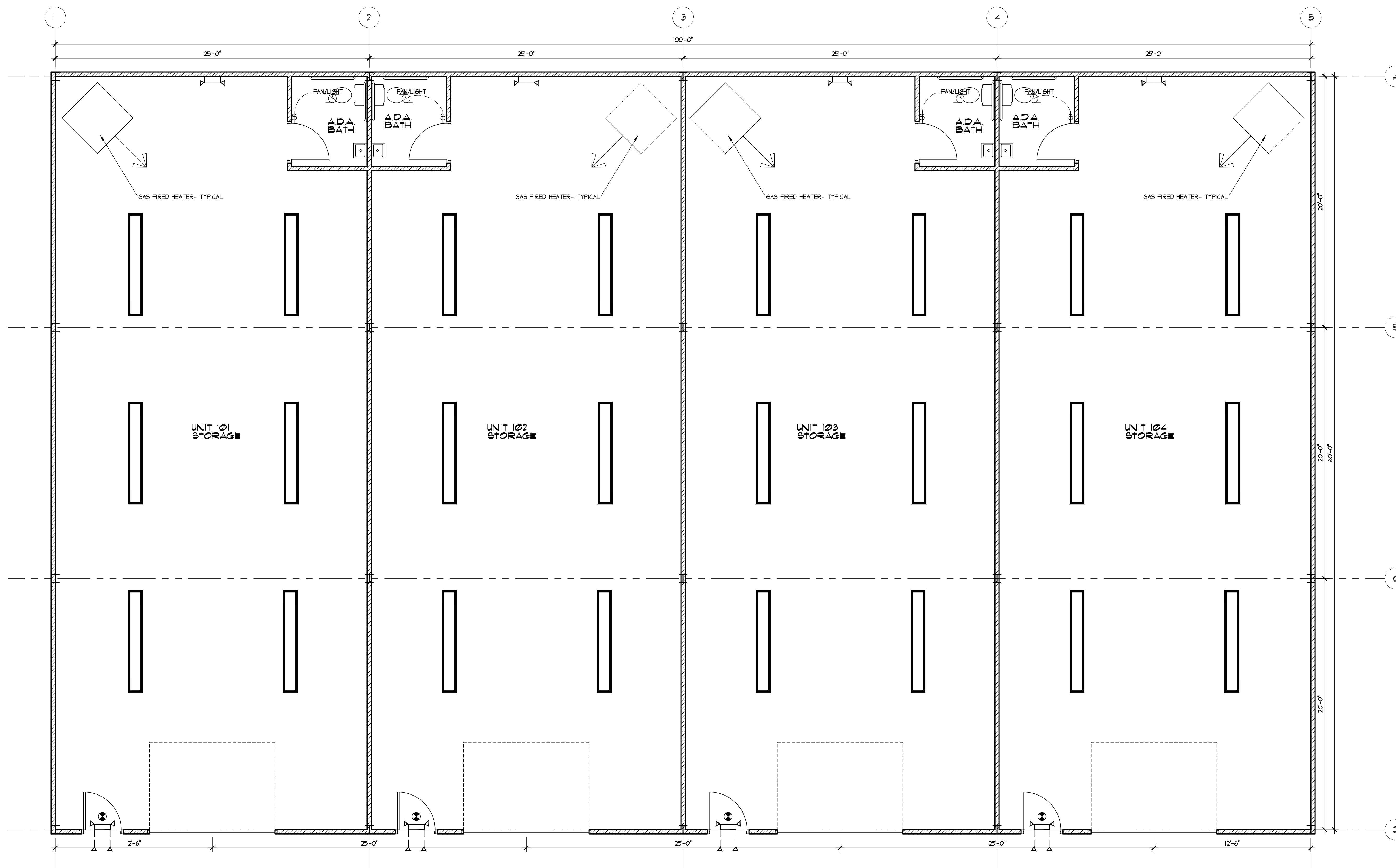
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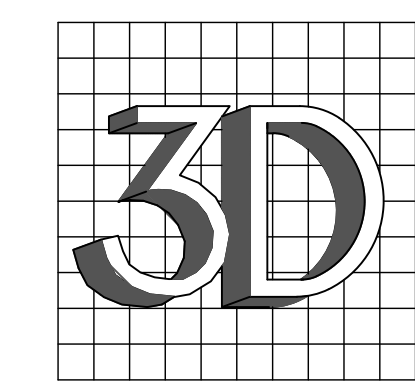
DESCRIPTION
DATE: 12-02-19
DRAWN BY: C.G.
CHK'D BY: W.J.D.
SCALE: AS NOTED
SHEET 2 OF 3
SHEET

A-2



REFLECTED CEILING PLAN

SCALE: 1/4"=1'-0"



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SHEET 3 OF 3

SHEET

A-3