LAMINATE/LAMINATING/LAMINATED

MARKERBOARD (LENGTH IN FEET)

MECHANICAL CONTRACTOR

MOP SERVICE BASIN (SINK)

OVERALL OR OUTSIDE AIR

OUTSIDE FACE OR OPPOSITE FACE

OPPOSITE OR OPPOSITE HAND

PRESSURE TREATED OR PAINT

POUNDS PER SQUARE FOOT

POUNDS PER SQUARE INCH

THE MATERIALS, ABBREVIATIONS, AND DRAFTING SYMBOLS LEGEND ARE EACH AN ALL INCLUSIVE MASTER LIST USED BY THIS FIRM. THE INCLUSION OF THESE LEGENDS INTO THESE DOCUMENTS DOES NOT IMPLY THAT ALL THE SYMBOLS OR MATERIALS INCLUDED IN THESE LEGENDS ARE INCORPORATED INTO THIS PROJECT. ABBREVIATIONS MAY APPEAR WITH PERIODS OR OTHER PUNCTUATION SEPARATING CHARACTERS ON THE DRAWINGS: THE MEANING REMAINS THE SAME.

MINIMUM OR MINUTE(S)

LAVATORY

LEFT HAND

LOW POINT

LIGHTWEIGH1

LIVE LOAD

**MECHANICAL** 

MOUNT(ED)

METAL

NOMINAL

NUMBER

ON CENTER

MANUFACTURER

NOT IN CONTRACT

OUTSIDE DIAMETER

NOT TO SCALE

LONG LEG HORIZONTAL

LONG LEG VERTICAL

MASONRY OPENING

METAL THRESHOLD

LAV

LT WT

MAX

MB (16)

MECH CONTR

MECH

NOM

NTS

OC

OD

OPNG

CONCRETE MASONRY UNIT

COMPRESSIBLE OR COMPACTED

COMBINATION

CONCRETE OPENING

CERAMIC TILE (TYPE)

CABINET UNIT HEATER

CABINET UNIT VENTILATOR

CONCRETE

CONDITION

COUNTER

CENTER(S)

**DIMENSION** 

DOOR OPENING

**EXPANSION JOINT** 

ELECTRIC/ELECTRICAL

ELECTRICAL CONTRACTOR

ELEVATOR OR ELEVATION

ELECTRIC WATER COOLER

ELEVATION

EMBEDMENT

**EMERGENCY** 

EACH WAY

EPOXY

EQUAL

DOWN

DOOR

DETAIL

DOWELS

EACH

DRAWINGS

**CONTINUOUS** 

CONTRACT(OR)

CARPET (TYPE)

COUNTER SINK

COMP

CONC

COND

CONT

CONTR

CPT-(1)

CTR SK

DWGS

DWL'S

ELEC

ELEV

**EMBED** 

**EMER** 

EW

EWC

ELEC CONTR

CONC OPNO

JUNIOR COLLEGE **(26)**-

204

7.531

DISCONTINUOUS

ROUGH WOOD

**BLOCKING IN** 

CONTINUOUS

ROUGH WOOD

IN SECTION

FRAMING/BLOCKING

FINISHED WOOD IN

SECTION DETAIL

RIGID BOARD

INSULATION

RIGID BOARD

BATT INSULATION

GYPSUM BOARD

ACOUSTICAL

BITUMINOUS

in Section

AGGREGATE

SECTION

UNDISTURBED

EARTH BACKFILL

(ASPHALT) PAVING

BALLAST, FILL OR BACKFILL IN

CONCRETE

CEILING PANEL

INSULATION

(ROOFING)

STRUCTURE OR STRUCTURAL

SUSPEND(ED)

SYMMETRICAL

TOP OF BEAM

TOP OF CURB

TOP OF STEEL

TOP OF WALL

TOP OF MASONRY

VINYL BASE COVED

VERTICAL

WITHOUT

WINDOW

WATER PROOF

WEIGHT

WIDE OR WIDTH

VINYL BASE STRAIGHT

VINYL COMPOSITION TILE

VENEER PLASTER (TYPE)

WALL CORNER GUARD

WELDED WIRE FABRIC

WALL SERVICE BASIN

TOP OF

T/BEAM

VCT

VERT

VEN PL (1)

TONGUE AND GROOVE

TOP OF FOUNDATION

TACKBOARD (LENGTH IN FEET)

(WINDOW) UNIT DIMENSION

UNLESS NOTED OTHERWISE

**G** 

**PROJECT** GREENHOUSE WATER HEATER

> REPLACEMENT JOLIET JUNIOR COLLEGE 1215 HOUBOLT ROAD **JOLIET, IL 60431**

JOLIET JUNIOR COLLEGE **OWNER** 1215 HOUBOLT ROAD

**JOLIET, IL 60431** 

FAX (630) 406-9472

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KLUBER ARCHITECTS + ENGINEERS **41 W BENTON STREET AURORA, ILLINOIS 60506** TEL (630) 406-1213

**INDEX OF DRAWINGS** 

G100 COVER SHEET, GENERAL NOTES, SYMBOLS, & DRAWING INDEX

PE310 PLUMBING & ELECTRICAL PARTIAL FLOOR PLANS AND

## **APPLICABLE CODES**

2018 INTERNATIONAL BUILDING CODE 2018 INTERNATIONAL MECHANICAL CODE 2018 INTERNATIONAL FUEL AND GAS CODE 2018 INTERNATIONAL EXISTING BUILDING CODE 2018 INTERNATIONAL FIRE CODE 2020 NATIONAL ELECTRICAL CODE LOCAL AMENDMENTS TO THE ABOVE CODES

2014 ILLINOIS PLUMBING CODE 2018 ILLINOIS ENERGY CONSERVATION CODE (2018 INTERNATIONAL ENERGY CONSERVATION CODE W/STATE AMENDMENTS 2018 ILLINOIS ACCESSIBILITY CODE

## **SEALS & CERTIFICATIONS**

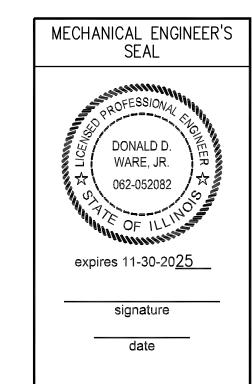
I HAVE PREPARED, OR CAUSED TO BE PREPARED UNDER MY DIRECT SUPERVISION, THE ATTACHED PLANS AND SPECIFICATIONS AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND TO THE EXTENT OF MY CONTRACTUAL OBLIGATION, THEY ARE IN COMPLIANCE WITH IBC 2018 EDITION. THE ENVIRONMENTAL BARRIERS ACT AND THE ILLINOIS ACCESSIBILITY

ARCHITECT/

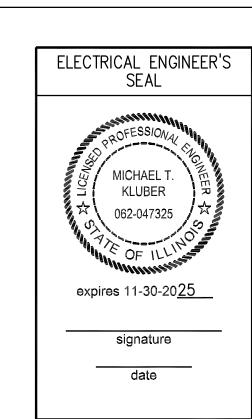
**ENGINEER** 

KLUBER, INC. ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE #184-001284

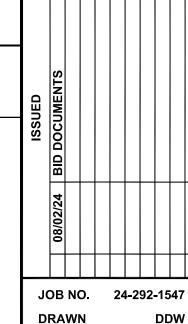
CODE.



"G" SERIES, "ME" SERIES



"G" SERIES, "ME" SERIES



CHECKED APPROVED SHEET TITLE

COVER SHEET, GENERAL NOTES, SYMBOLS AND **DRAWING INDEX** 

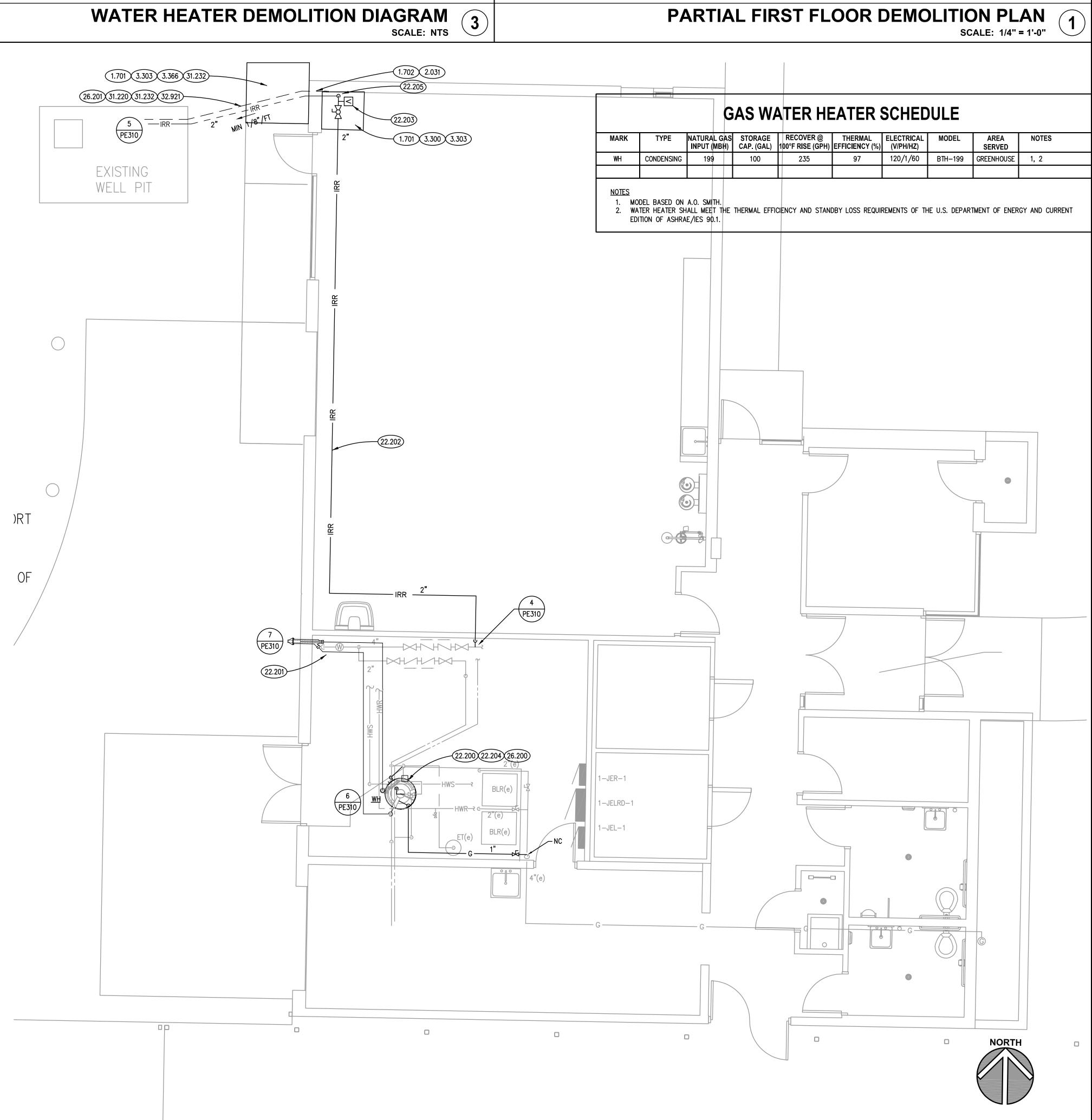
SHEET NUMBER

DO NOT CUT THROUGH STRUCTURAL ELEMENTS WHEN INSTALLING OPENINGS REQUIRED FOR ALL PIPING, CONDUITS OR OTHER WORK. CONTRACTOR CUTTING THROUGH OR OTHERWISE DAMAGING THESE ELEMENTS WILL BE RESPONSIBLE FOR ALL ASSOCIATED ENGINEERING FEES AND SUBSEQUENT RETRO-FIT/REINFORCING DEEMED SPACE ALLOCATION, COORDINATION WITH ELECTRICAL, ARCHITECTURAL & OTHER PLUMBING COMPONENTS HAVE BEEN MADE WITH RESPECT TO ALL EQUIPMENT SCHEDULED ON THESE DRAWINGS AND IN THE SPECIFICATIONS OF THE FIRST NAMED MANUFACTURER ONLY. OTHER MANUFACTURERS ARE ACCEPTABLE PROVIDED THEY MEET ALL BACKFLOW PREVENTER ASSEMBLIES SHALL BE TESTED AND APPROVED BY A CROSS CONNECTION CONTROL DEVICE INSPECTOR (CCCDI) BEFORE INITIAL OPERATION, AND AT LEAST ANNUALLY THEREAFTER.

**APPROVED** SHEET TITLE

PLUMBING & **ELECTRICAL PARTIAI FLOOR PLANS AND DETAILS** 

SHEET NUMBER



EXTERIOR WALL

WATER SERVICE PIPING SCHEMATIC

WELL PIT

IRRIGATION WATER

THERMOMETER -

TEMPERATURE & ~ PRESSURE RELIEF VALVE

(TYP)

1. PROVIDE 24" HEAT TRAP FOR WATER HEATER.

WELL PIT PIPING SCHEMATIC
SCALE: NTS

5

SETTING 140°

GAS FIRED WATER HEATER DETAIL 6

SCALE: NTS

BUILDING

EXHAUST PIPES

1" GAS

SCALE: NTS

22.101

HOT WATER

CONCENTRIC VENT - SIDEWALL TERMINATION DETAIL 7

FIRST FLOOR NEW WORK PLAN 2 TYP. NEW SLAB TO EXIST. SLAB DETAIL A PE310

1.701 (2.033)

NECESSARY TO REINSTATE THE CONTINUITY OF THE DISRUPTED ELEMENTS.

PERFORMANCE REQUIREMENTS AND AFOREMENTIONED COORDINATION.

REMOVE PORTION OF SLAB AS REQUIRED.