| I | | | | |
|-----------------------------------|---|--|-------------------|--------------------|
| P | lumbing gen | IERAL NOTES | | |
| | | AND EQUIPMENT REQUIRED FOR ALL SYSTEMS IN THIS SECTION | |) |
| 2. ALL PL PROVID | ED COMPLETE SYSTEM WI | LUMBING SYSTEM EQUIPMENT SH. TH ALL ACCESSORIES, HANGERS, | VALVES, | |
| SCHEDU 3. FURNIS | JLE. H AND INSTALL COMPLETE | CETS, STRAINERS, ETC. SEE FIXTU SYSTEMS OF SOIL, WASTE, VEN | іт, нот 📿 | 2 105°I |
| OTHER 4. CLEAN- | EQUIPMENT. -OUT PLUGS SHALL BE IN | ALL PLUMBING FIXTURES, AND/C ISTALLED IN ACCORDANCE WITH PROVIDE CLEANOUTS AT THE B/ | - | 2 140°I |
| ALL WA | STE STACKS, AT EVERY F ET. CLEANOUTS SHALL BE | OUR 45 DEGREE TURNS, AND A PLACED IN READILY ACCESSIBL | T EVERY | ` |
| 5. ALL SC BUILDIN 6. COPPER | NL, WASTE, AND VENT LIN IG CONSTRUCTION. R PIPING SHALL BE PROT | ES SHALL BE CONCEALED IN TH ECTED AGAINST CONTACT WITH M | IASONRY (|) |
| SHALL CARRIE | BE COPPER OR COPPER D ON IRON TRAPEZE HAN | GERS, SUPPORTS, ANCHORS, AN PLATED. WHERE COPPER PIPING GERS WITH OTHER PIPING, SATIS | IS FACTORY ~ |) |
| COPPER 7. WHERE | R AGAINST CONTACT WITH COPPER PIPING IS SLEEV | ISOLATION MATERIAL SHALL PROT OTHER METALS. /ED THROUGH MASONRY, SLEEVE ERE COPPER MUST BE CONCEAL | S SHALL | |
| MASONI PREVEN | RY PARTITION OR AGAINST ITED BY COATING THE CO | MASONRY, CONTACT SHALL BE PPER HEAVILY WITH ASPHALTIC E ATURATED FELT BETWEEN THE PI | ENAMEL | (; - |
| MASONI 8. THE PL | RY. LUMBING CONTRACTOR SH | ALL COORDINATE CLOSELY WITH L CONTRACTORS TO AVOID CONF | THE | RL - |
| 9. CEILING OTHER | TRADES FOR ALL STRUCT | E. CONTRACTOR MUST COORDINA URES, PIPING, CONDUIT, DUCTWO | | ERL |
| 10. ALL PIF WALLS, | AND PARTITIONS. | . INSTALLED. N CONTINUOUSLY THROUGH FLOC HOT AND COLD WATER SYSTEM A | | ∠ — — — — SD - |
| LOW PO 12. VACUUM | DINTS TO ALLOW FOR COM M BREAKERS SHALL BE P | | WHICH |) |
| ATTACH 13. WASTE BELOW | ED, AND VENT PIPING SHALL SLAB: PVC PIPE, PVC SC | BE AS FOLLOWS: OCKET FITTINGS. AND SOLVENT-C | EMENTED | |
| FITTINGS. ABOVE | SLAB: PVC PIPE, CAST-IF | SOIL PIPE; HUB & SPIGOT CAST-IRON S RON, PVC SOCKET FITTINGS, AND IBLESS CAST-IRON SOIL PIPE: HUBLESS | | |
| CAST-IR(14. STORM | ON SOIL PIPE FITTINGS. PIPING SHALL BE AS FOI | JBLESS CAST-IRON SOIL PIPE; HUBLESS _LOW: DCKET FITTINGS, AND SOLVENT-C | | |
| FITTING ABOVE INSULA | S. GROUND: SERVICE WEIGH ⁻ FION IS REQUIRED ON ALL | T NO-HUB CAST IRON PIPING/ ROOF DRAIN BODIES AND HOR | IZONTAL | # |
| RUNS (INSERTS 15. DOMES | (ABOVE SLAB)。½" THICK S, PVC COVERS.AND VAP FIC WATER PIPING ABOVE | RIGID MOLDED FIBERGLASS WITH OR BARRIER JACKET. SLAB SHALL BE TYPE 'L' COPPE | FITTINGS ER. | WR-# |
| INSULA FLOOR | TION IS REQUIRED ON ALL IN ACCORDANCE WITH ST, ICTION. CPVC OR FLOWGU | SLAB SHALL BE TYPE 'K' COPP WATER SUPPLY PIPING ABOVE ATE PLUMBING CODE OR PER LO ARD SHALL BE USED AS ALTERN | FINISHED DCAL | |
| 16. INVERT PIPING | ELEVATIONS SHALL BE ES IS INSTALLED SO THAT P | STABLISHED AND VERIFIED BEFOR ROPER SLOPES WILL MAINTAINED ALL PROVIDE WATER HAMMER PR | | —+ _{нв} — |
| ON ALL SHOCK SHOCK | . WATER DISTRIBUTION PIF ARRESTORS SHALL BE IN ARRESTOR SCHEDULE (IF | PING. INSTALLATION OF AIR CHAM I ACCORDANCE WITH PDI-WH20I. I PROVIDE). | BERS OR SEE | <u> </u> |
| COLD V AND AS | VATER DISTRIBUTION SYSTI 5 SHOWN ON PLANS, RISE | ALL BRANCH LINES OF THE HOT EM ON 3/4" AND LARGER CW & ERS, AND SCHEMATIC DETAILS. | c HW ∽ | |
| PLUMBI 20. PROVID | NG FIXTURES. E ACCESS DOORS FOR AL | NGS FOR MOUNTING HEIGHTS OF LL VALVES AND DEVICES REQUIRI S OR ABOVE INACCESSIBLE CEIL | NG - | . M |
| CONSTF 21. PROVID | RUCTION. E DEEP SEAL TRAPS FOR | | | |
| NC INT WITH T SUPPOI | ERNATIONAL PLUMBING CC HE NC INTERNATIONAL PLI RT SHALL BE DESIGNED A | DE, PIPING AND EQUIPMENT SUF UMBING CODE, PIPING AND EQUI ND INSTALLED FOR THE SEISMIC | PPORTS (PMENT | / |
| 23. PROVID RATED | WALLS AND FLOORS. | Y FOR ALL PENETRATIONS THRU | | کــــــــل م |
| | | ALVE IF PRESSURE EXCEEDS 80 BACKFLOW PREVENTOR ASSEMBLY | | <u>}</u> |
| | SHOCK ARRES | STOR SCHEDULE | | <u>ک</u> |
| P.D.I. SIZE | FIXTURE UNITS | MANUFACTURER OR EQ | JAL | 2 |
| SA'A' | 1 - 11 | ZURN, SMITH, PPI, SIOUX- | -CHIEF | <u>}</u> |
| SA'B' SA'C' | 12 - 32 33 - 60 | | | <u>}</u> |
| SA'D' | 61 - 113 | | | 2 |
| SIOUX-CHIEF S | HOCK ARRESTORS ONLY. | SSIBLE LOCATION, OR PROVIDE | | 2 |
| | <pre>< ARRESTORS AS INDICATE ORS SHALL BE SAME SIZE </pre> | ED PER SCHEDULE. E AS PIPE INSTALLED ON, MINIM | JM. | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Ζ

| PLUMBIN | G LEGEND |
|---|-------------------------------------|
| ——~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | DOMESTIC COLD WATER PIPING |
| ? | DOMESTIC HOT WATER PIPING |
| °F | DOMESTIC 105°F HOT WATER PIPING |
| °F | DOMESTIC 140°F HOT WATER PIPING |
| ` | VENT PIPING |
| | WASTE (SANITARY SEWER) |
| ·? | WASTE (GREASE) |
| 2 | GAS PIPING |
| 2 | ROOF LEADER |
| 2 | EMERGENCY ROOF LEADER |
| | STROM PIPING UNDERSLAB |
| 2 | FULL PORT VALVE |
| D | BALANCING VALVE (BV) |
| 12 | CHECK VALVE |
| | FIRE SPRINKLER RISER |
| \rangle | WASTE RISER DESIGNATION |
| # | WATER RISER DESIGNATION |
| | POINT OF CONNECTION NEW TO EXISTING |
| | POINT OF REMOVAL FOR DEMOLITION |
| WHY | HOSE BIB/WALL HYDRANT |
| <u> </u> | PRESSURE REDUCING VALVE |
| <u>}</u> 2 | SHUT OFF VALVE |
| | DIRECTION OF FLOW |
| ? | REDUCER OR INCREASER |
| | TOP CONNECTION, 45 OR 90 DEGREES |
| | BOTTOM CONNECTION, 45 OR 90 DEGREES |
| ———~ | SIDE CONNECTION |
| 2 | CAPPED OUTLET |
| | DROP IN PIPING |
| <u>_</u> | RISE IN PIPING |
| 2 | UNION |
| } ─── <u>}</u> | SOLENOID VALVE |
| 1 <u> </u> 2 | WATER FLOW MEASURING DEVICE |
| | PRESSURE GAUGE |
| \mathbf{X} | |

PRESSURE RATINGS, EXCEPT WHERE INDICATED OTHERWISE:

WATER DISTRIBUTION SYSTEMS, ABOVE GROUND: 125 PSIG.

A. EQUIPMENT NAMEPLATES: LAMINATED PLASTIC, WITH OPERATIONAL DATA

1. DATA: MANUFACTURER PRODUCT NAME, MODEL NUMBER, SEIRAL

B. PIPE MARKERS: STANDARD PREPRINTED, PERMANENT ADHESIVE,

C. JOINT SEALERS: PROVIDE ACRYLIC BASE CAULKING MATERIAL FOR

1. PROVIDE FIRE-RESISTANT JOINTS SEALERS (FIRESTOPPING) FOR

AND EQUIPMENT OR AREAS SERVED.

SEALING ANNULAR SPACES BETWEEN SLEEVES, PIPES AND DUCTS.

D. VALVE TAGS: PROVIDE TAG ON ALL VALVES IDENTIFYING THE SERVICE

COORDINATE TAGS WITH OWNER AND THEIR CODING SYSTEM.

A. GENERAL: THE APPLICATION OF THE FOLLOWING PIPE, TUBE, AND

FITTING MATERIALS AND JOINING METHODS REQUIRED FOR PLUMBING

PIPING SYSTEMS ARE INDICATED IN PART 3 ARTICLE "PIPE AND

B. HARD COPPER TUBE: ASTM B 88, TYPES K AND L WATER TUBE, DRAWN

COPPER DRAINAGE TUBE: ASTM B 306, TYPE DWV, DRAWN TEMPER.

HUB & SPIGOT, CAST-IRON SOIL PIPE: ASTM A 74, SERVICE CLASS.

WROUGHT-COPPER, SOLDER-JOINT PRESSURE FITTINGS: ASME B16.22.

WROUGHT-COPPER, SOLDER-JOINT, DWV DRAINAGE FITTINGS: ASME

D. CAST-COPPER-ALLOY, SOLDER-JOINT, DWV DRAINAGE FITTINGS: ASME

F. HUBLESS, CAST-IRON SOIL PIPE FITTINGS: CISPI 301, 2012 EDITION.

A. SOLDER, BRAZING, AND WELDING FILLER METALS ARE IN COMPLIANCE WITH

C. CISPI COUPLINGS FOR HUBLESS CAST-IRON SOIL PIPE AND FITTINGS:

SOLDER, BRAZING, AND WELDING FILLER METALS ARE CAST-IRON SOIL PIPE

AND FITTINGS: ASTM C 564 NEOPRENE RUBBER GASKETS AND LUBRICANT.

E. HUB AND SPIGOT, CAST-IRON SOIL PIPE FITTINGS: ASTM A 74,

THE MAX. WEIGHTED AVG. 0.25% LEAD.

CAST-COPPER-ALLOY, SOLDER-JOINT PRESSURE FITTINGS: ASME B16.18.

HUBLESS, CAST-IRON SOIL PIPE: CISPI 301, 2012 EDITION.

F. DOMESTIC POTABLE WATER PIPING SHALL MEET THE NSF/ANSI 61

2. COORDINATE NAMEPLATES WITH OWNER AND THEIR CODING SYSTEM.

2. COORDINATE NAMEPLATES WITH OWNER AND THEIR CODING SYSTEM.

ENGRAVED OR STAMPED, PERMANENTLY FASTENED TO EQUIPMENT.

COLOR CODED, PRESSURE SENSITIVE VINYL PIPE MARKERS, CONFORMING

NUMBER, CAPACITY OPERATING AND POWER CHARACTERISTICS.

SEALING ANNULAR SPACES BETWEEN SLEEVES, PIPES AND DUCTS

OF FIRE RATED WALLS, FLOORS, AND CEILING ASSEMBLIES.

SOIL, WASTE, AND VENT SYSTEMS: 10-FOOT HEAD OF WATER.

1.2 IDENTIFYING DEVICES AND LABELS:

TO ASME A13.1.

PART 2 – PRODUCTS

TEMPER

STANDARDS.

B16.29

B16.23

SERVICE CLASS.

2.3 JOINING MATERIALS

2.1 PIPES AND TUBES

FITTINGS APPLICATIONS."

2.2 PIPE FITTINGS AND TUBE FITTINGS

2.4 VALVES

- FOLLOWING: 1. BALL VALVES: C. NIBCO INC.
- 2.5 SUMP PUMPS FOLLOWING: 1. STANCOR PUMPS 2. ZOELLER PUMPS 2.6 COMMERCIAL GRADE FIXTURES
- FOLLOWING: 1. AMERICAN STANDARD
- 2. KOHLER 2.6 COMMERCIAL GRADE WATER HEATERS
- FOLLOWING:
 - 1. EEMAX, INC. 2. CHRONOMITE LABS
- 3. RHEEM PART 3 – EXECUTION
- 3.1 PIPE AND FITTINGS APPLICATIONS
- PIPING SYSTEMS. WATER DISTRIBUTION PIPING ABOVE GROUND:
- - SOLDER.
- FOLLOWING:

 - JOINTS WITH ALLOY E SOLDER.
 - AND HUBLESS JOINTS.

- FOLLOWING:
- GASKETS AND COMPRESSION JOINTS.
- LATION, GENERAL ICATED.

| | PI 310–2012 EDITION, HAVING ASTM C 564 NEOPRENE SEALING SLE | EVE. | GASKETS AND CO |
|------|--|----------|--|
| | WITH 300 SERIES STAINLESS-STEEL CORRUGATED SHIELD-AND-C ASSEMBLY. | | PIPING INSTALLATION, INSTALL NEW SANITARY AND CONNECT TO EXIST |
| | | В. | PIPING AS INDICATED. INSTALL WATER PIPING L |
| | PLUMBING ABB | REVIATIO |)NS |
| AAV | AIR ADMITTANCE VALVE | G.C. | GENERAL CONT |
| ABV | ABOVE | GAL | GALLONS |
| AFF | ABOVE FINISHED FLOOR | GPM | GALLONS PER |
| A/E | ARCHITECT/ENGINEER | GW | GREASE WASTE |
| ACW | AUTOMATIC CLOTHES WASHER | HB | HOSE BBB |
| ADA | AMERICANS WITH DISABILITIES ACT | HR | HOUR |
| ASME | AMERICAN SOCIETY OF MECHANICAL ENGINEERS | HW | HOT WATER |
| AST | AUTOMATIC SPRAY TAN UNIT | HWR | HOT WATER RE |
| ASTM | AMERICAN SOCIETY FOR TESTING & MATERIALS | MX | MIXING VALVE |
| BHP | BRAKE HORSEPOWER | MAX | MAXIMUM |
| BTU | BRITISH THERMAL UNIT | MIN | MINIMUM |
| C/I | CONTRACTOR INSTALLED | M.C. | MECHANICAL SU |
| CD | CONDENSATE | NFPA | NATIONAL FIRE |
| CONN | CONNECTION | NTS | NOT TO SCALE |
| CONT | CONTINUOUS | PD | PUMP DISCHAR |
| CV | CHECK VALVE | PDI | PLUMBING DRA |
| | | PSIG | POUNDS PER S |
| CW | COLD WATER | | |

P.C.

RCP

RM

SPC

Т&Р

TPV

ΤΥΡ

U/G

V

W

W/

WCO

WFU

ΤW

ROOM

TYPICAL

VENT

WASTE

WITH

AST ASTM BHP BTU C/I CD CONN

DFU

DIA

DN

DWG

ECO

E.C.

FBC

FCO

FD

FR

FS

FCW

DRAINAGE FIXTURE UNIT

EXTERIOR CLEAN OUT

DEGREES FAHRENHEIT

FLOOR CLEAN OUT

FILTER COLD WATER

FLOOR DRAIN

FLOOR SINK

FROM

GAS

FLORIDA BUILDING CODE

ELECTRICAL SUB-CONTRACTOR

DIAMETER

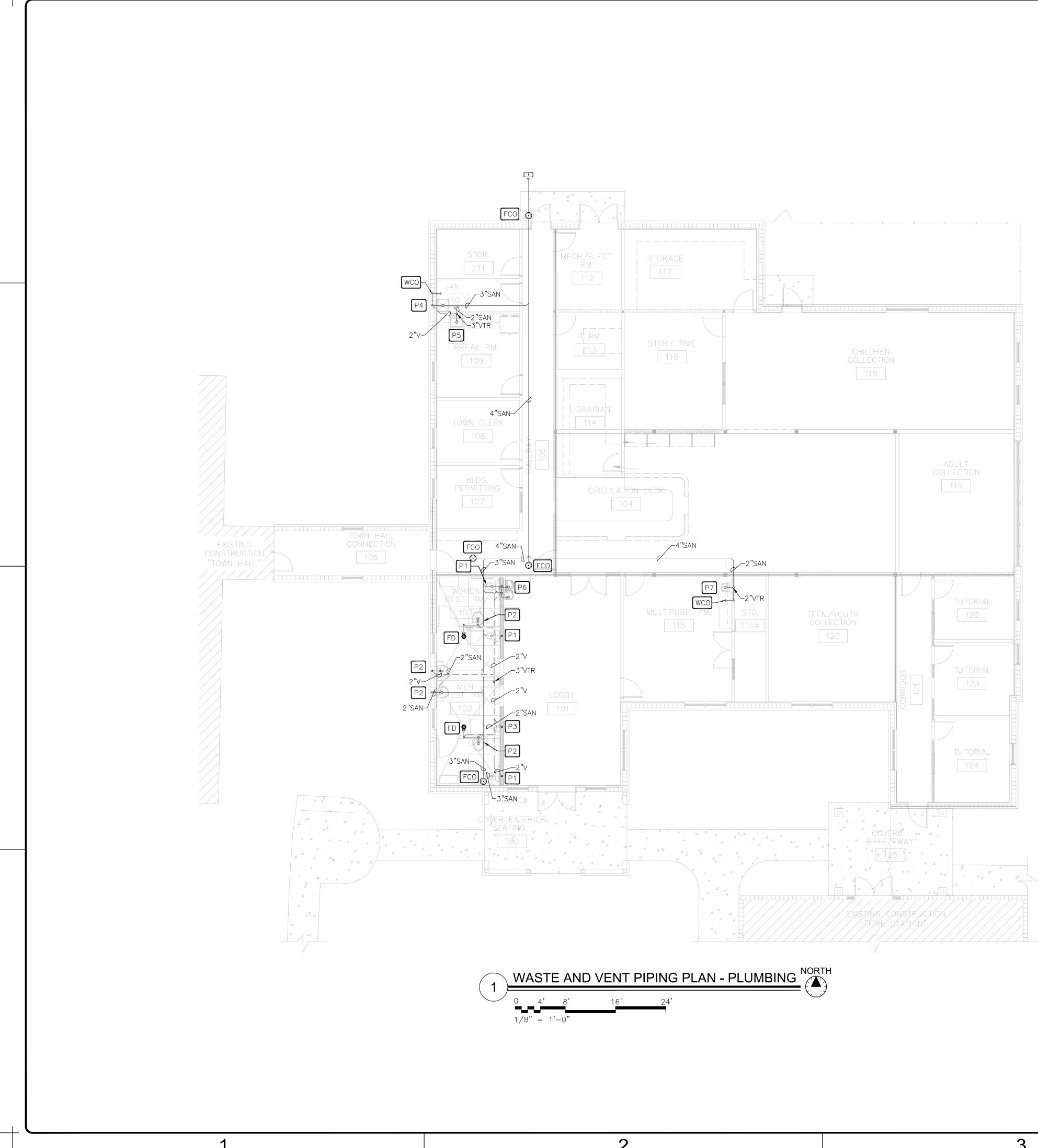
DRAWING

DOWN

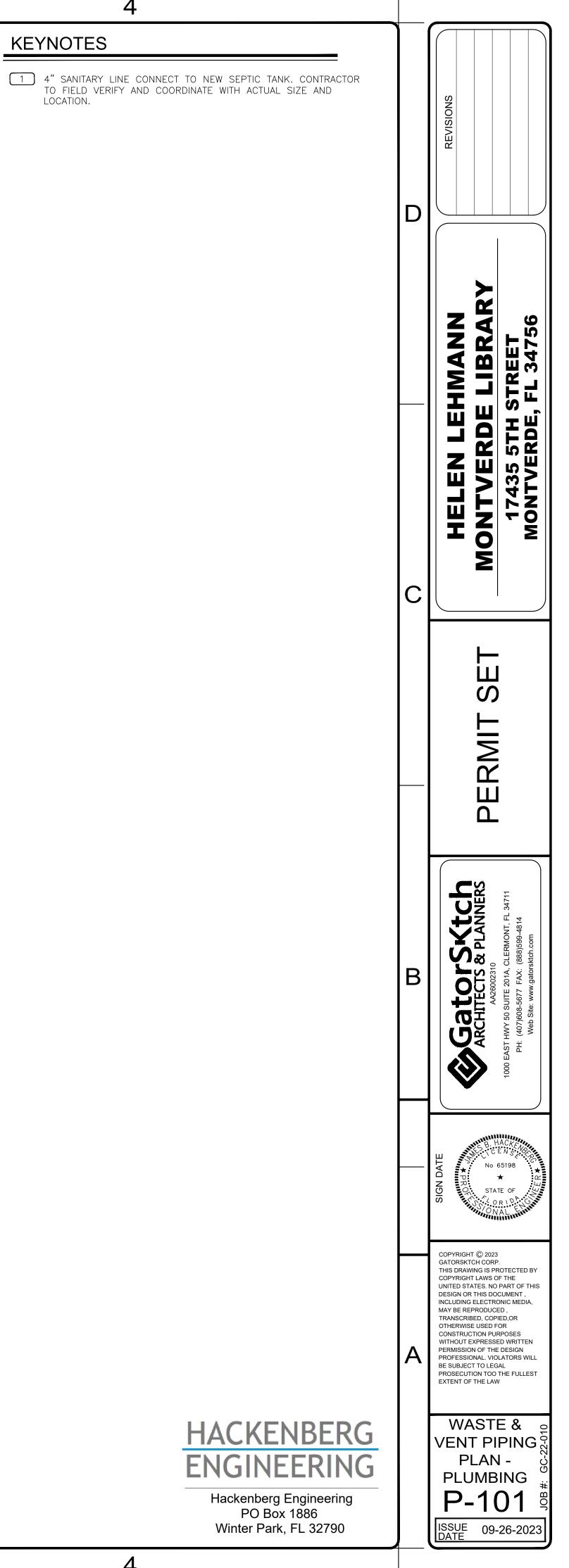
- VALVE MEASURING DEVICE
- VALVE IN RISER

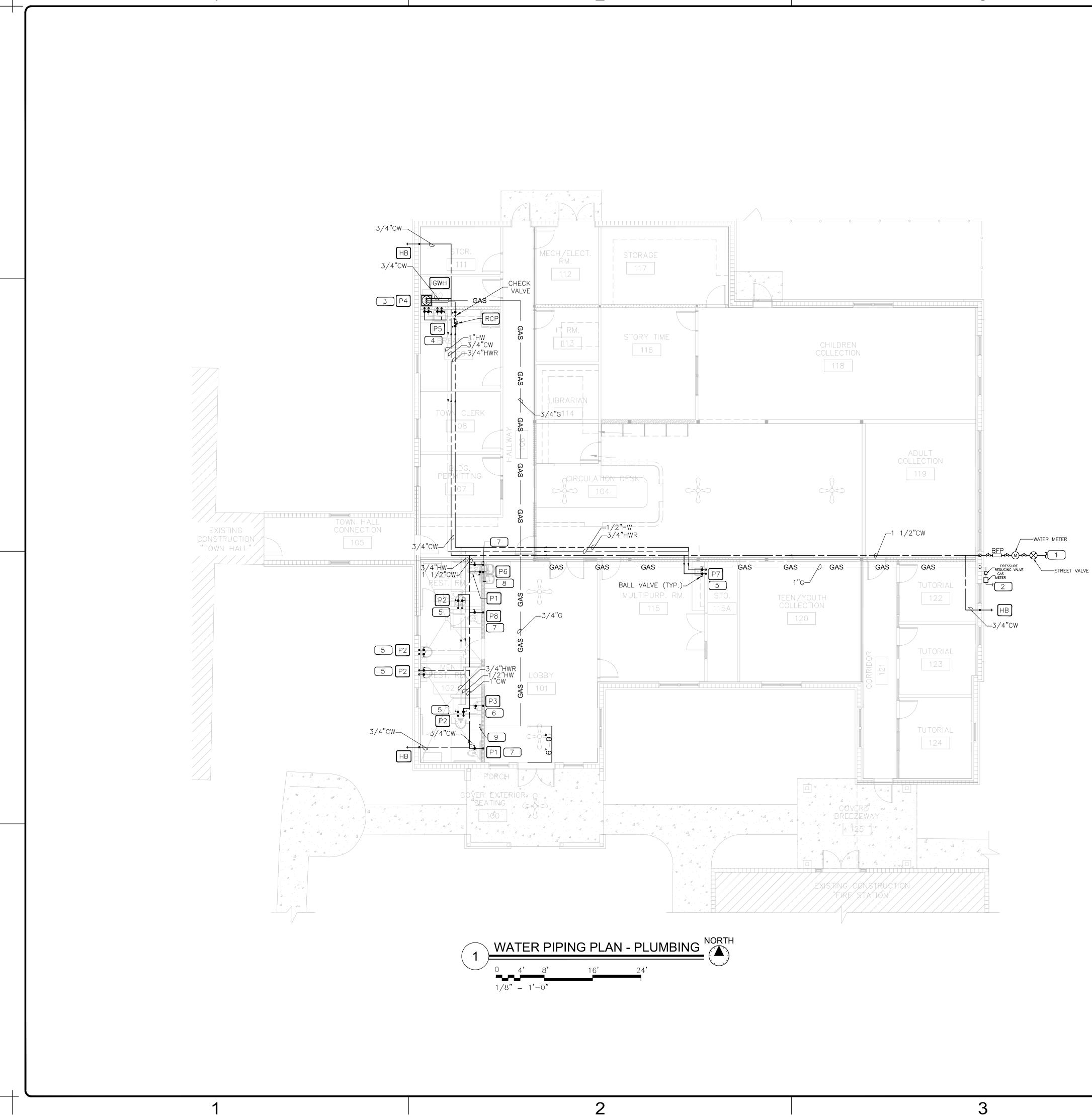
2

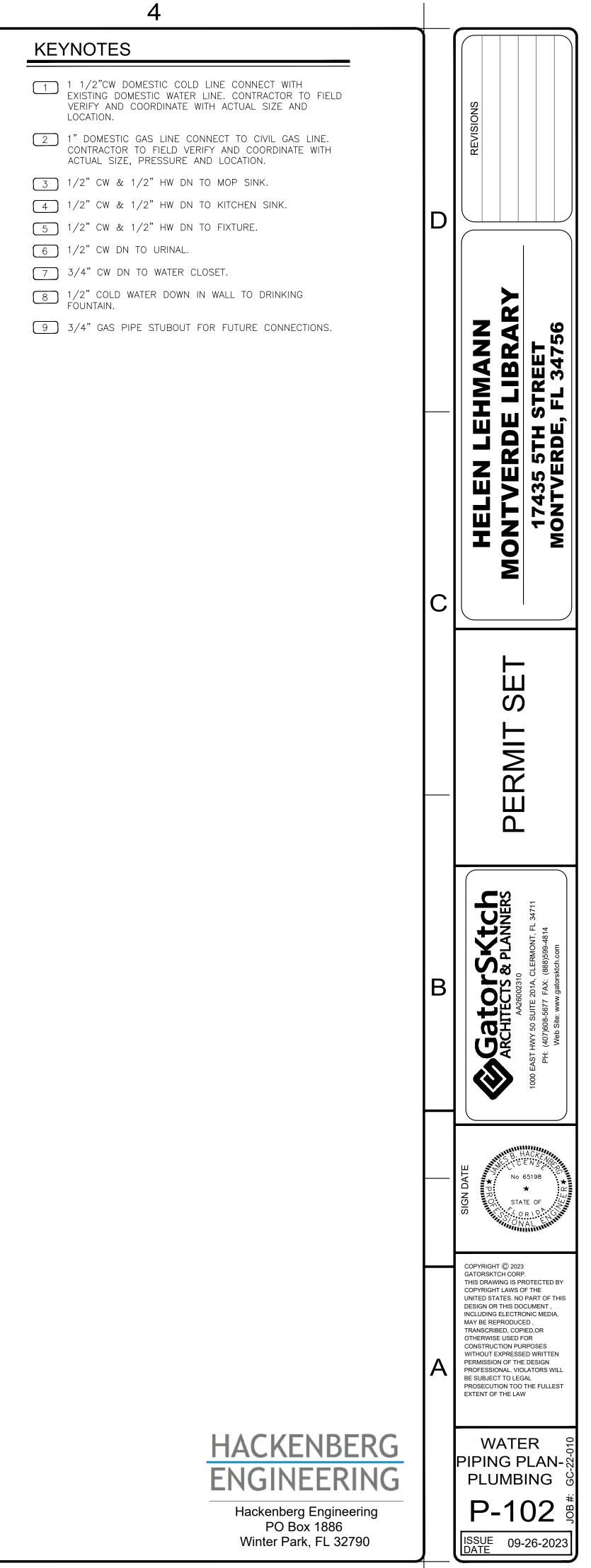


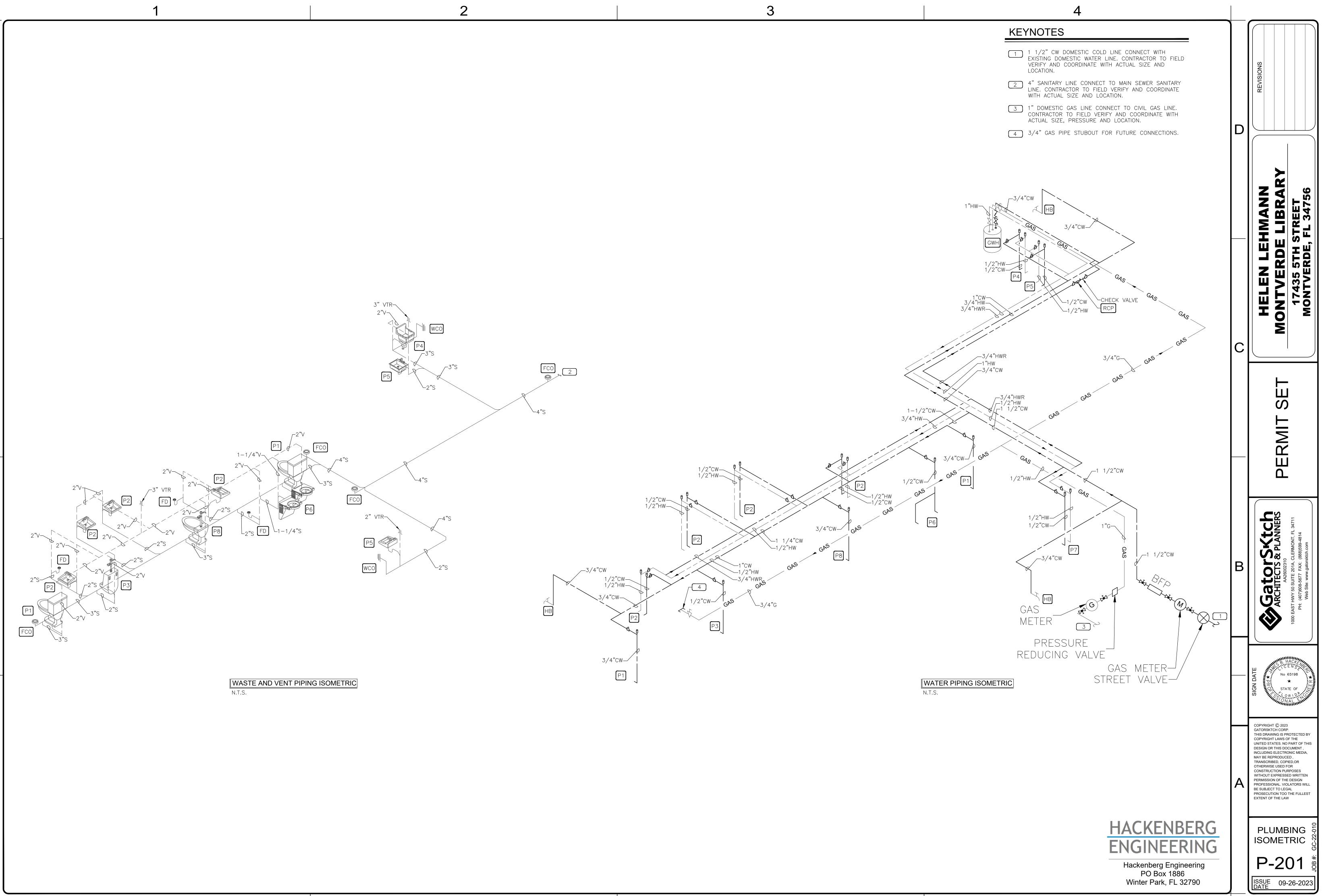


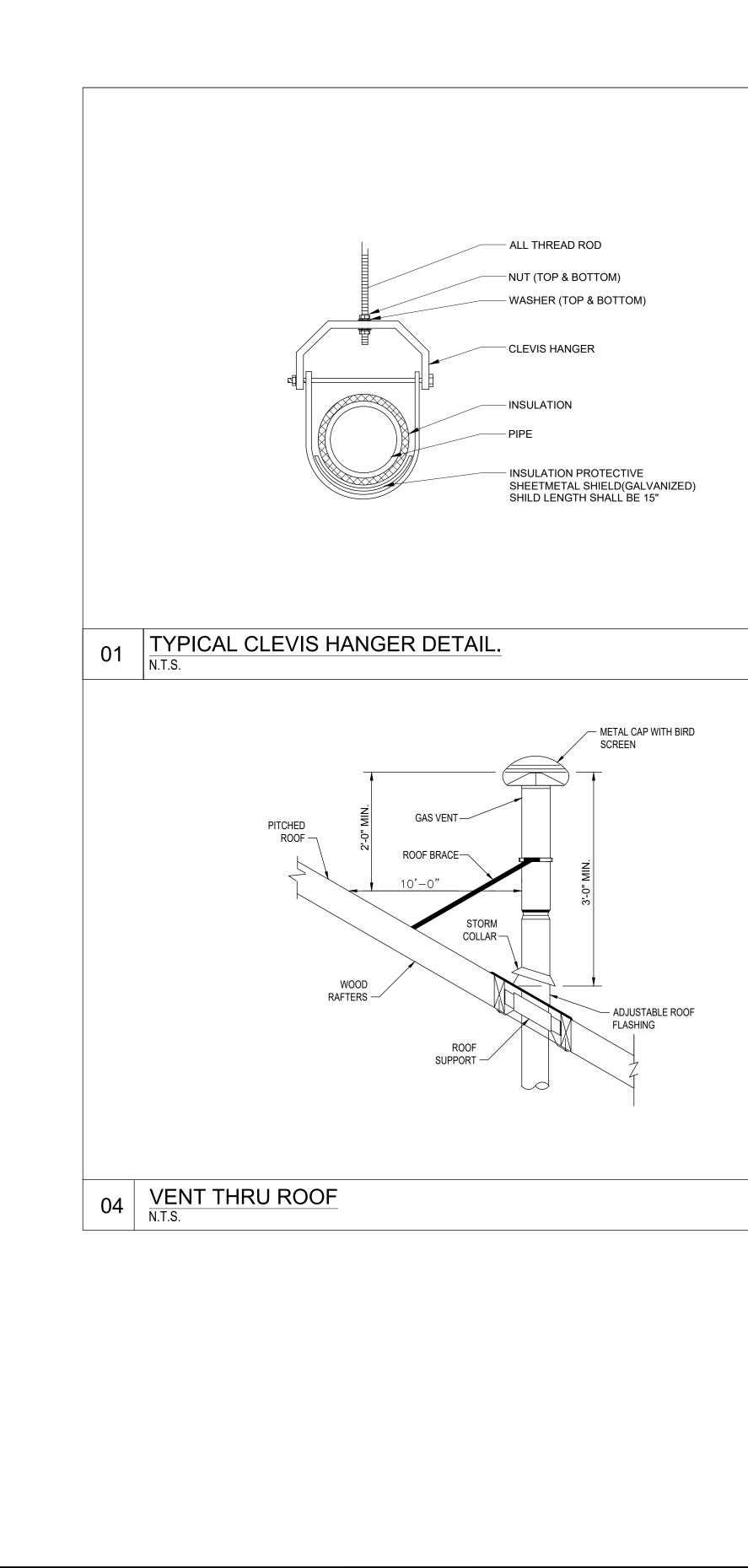




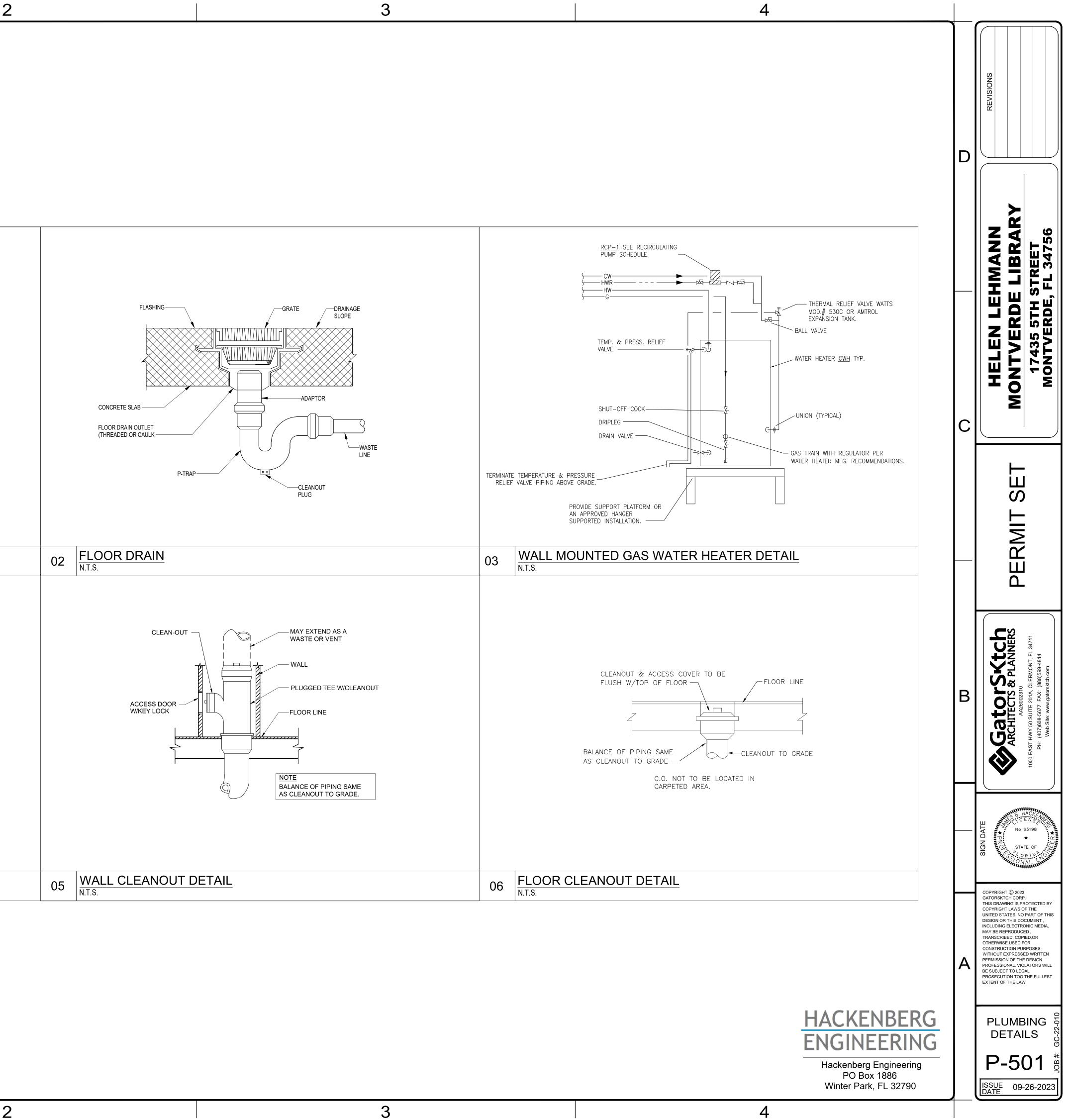












| | RECIRCULATION PUMP SCHEDULE | | | | | | | | | | | | | | | |
|-----|-----------------------------|-----------------------------|--------------|----|--------|-----|--------------|--|-----------------------------------|-------|-----------------|-----------------|---------|-------------------|--------|--------------|
| ТАС | PUMP | PUMP DESIGN LIQUID (GPM) | FLOW FLOW HE | | | | MAX. PUMP | | MAX. PIPE OPERATING CONNECTION | POWER | GROSS WEIGHT | ELECTRICAL DATA | | MODEL | | |
| | LIQUID | | | | | | |) DANGE ("F) PRESSURE (INCLIES) IN | | | | VOLTAGE | PHASE | CURRENT (AMPS) | NUMBER | MANUFACTURER |
| RCP | DOMESTIC HOT WATER | 14 | 23 | 10 | 40-230 | 125 | 1 | 1/25 | 7 | 115 | 1 | 0.76 | 007-SF5 | TACO | _ | |

NATURAL GAS LOAD SCHEDULE

| | | | | | METALLIC PIPE INLET NW.C SPECIFIC GRAVITY | | |
|-------|--------------------|---------|-----|----------|--|----------------|------------------------------|
| SR NO | Equipment | ITEM NO | Qty | BTU/UNIT | TOTAL BTU | PIPE SIZE(IN.) | MINIMUM PRESSURE (IN W.C) |
| | | | | | | | |
| 1 | WATER HEATER | WH | 1 | 50000 | 50000 | 3/4" size | |
| 2 | STUBOUT FOR FUTURE | | 1 | 50000 | 50000 | 3/4" size | |
| | | | | TOTAL | 100 CFH | | |
| | | | | | | 1" size | |

DEVELOPED LENGTH = 152 FT.

MULTIPLYING FACTOR FOR FITTING AND VALVES = 1.3 EQUIVALENT LENGTH OF NATURAL GAS PIPING = 1.3* 152 = 197 FT

NOTES:

1. CONTRACTOR COORDINATE WITH NATURAL GAS UTILITY COMPANY FOR FACILITY NEW NATURAL GAS LOAD AND DELIVERY/ CUSTOMER SIDE NATURAL GAS PRESSURE REQUIREMENT FOR A LOW PRESSURE NATURAL GAS SYSTEM. PRESSURE SHALL BE LESS THAN 2 PSI.

| Project Name: | Montverde Library | | | | | | | | BUILDING TYPE: | NEW | | |
|-----------------------------------|--|-------------------|------|----------|--------|---------------------------|-------------|-----------|----------------|-------------|----------------|-------------|
| Project No.: | 23-002 | | | | | | | | | | PREDOMINANTLY: | FLUSH VALVE |
| FIXTURE | DESCRIPTION | OCCUPANCY | QTY. | DRAINAGE | SUB- | LOAD VA | LUES IN WAT | ER (EACH) | LOAD | VALUES IN V | VATER (TOTAL) | Remarks |
| | | | | FIXTURE | TOTAL | SUPPLY | FIXTURE UNI | TS (WSFU) | SUPF | PLY FIXTURE | UNITS (WSFU) | |
| | | | | UNITS | | COLD | НОТ | TOTAL | COLD | НОТ | TOTAL | |
| WC | Water Closet, Flush Valve, 1.6 GPF | Public | 3 | 4 | 12 | 10.0 | 0.0 | 10.0 | 30 | 0 | 30 | |
| UR | Urinal, 1" Flush Valve | Public | 1 | 4 | 4 | 10.0 | 0.0 | 10.0 | 10 | 0 | 10 | |
| LAV1 | Lavatory, Wall Hung, HC | Public | 5 | 1 | 5 | 1.5 | 1.5 1.5 2.0 | | 7.5 | 7.5 | 10 | |
| KS | Kitchen Sink | Hotel, Restaurant | 1 | 2 | 2 | 3.0 3.0 4.0 | | 3 | 3 | 4 | | |
| MS | Mop (Service) Sink | Offices, etc. | 1 | 2 | 2 | 2.3 | 2.3 | 3.0 | 2.25 | 2.25 | 3 | |
| IMB | Ice Maker Valve Box - (Refrigerator / Ice Maker) | Public or Private | 0 | 0 | 0 | 0.3 | 0.0 | 0.3 | 0 | 0 | 0 | |
| FD | Floor Drain | | 2 | 2 | 4 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | |
| TOTALS | | | | | 29 | DFU | | | 52.75 | 12.75 | 57 | WSFU |
| DFU = DRAINAG | E FIXTURE UNITS | | | | EIGHTH | INCH SLOPE | PER FOOT | | 6.5 | 6.5 | 8.0 | GPM |
| WSFU = WATER SUPPLY FIXTURE UNITS | | | | | 3 | DIAMETER OF PIPE (INCHES) | | ES) | 0.75 | 0.75 | 0.75 | INCHES REQ |

PLUMBING FIXTURE SCHEDULE

| | | | | | CONNECTION SCHEDULE | | | | | |
|------|-----------------------|---|-----------------------|---|---------------------|------|----|--------|--------|--|
| MARK | FIXTURE | MANUFACTURER | MODEL # | FIXTURE DESCRIPTION | CW | HW | FW | WASTE | VENT | |
| P1 | WATER CLOSET | AMERICAN STANDARD | 2467.0160 | FLOOR MOUNTED, CHAIR HEIGHT, ELONGATED BOWL, PRESSURE ASSIST TOILET,1-1/2" INLET,16-1/2" RIM HEIGHT | 3/4" | _ | _ | 3" | 2" | |
| P2 | WALL HUNG LAVATORY | AMERICAN STANDARD | LUCERNE 0356.041 | WALL-MOUNTED, D-SHAPE BOWL, SELF-DRAINING DECK WITH CONTOURED BACK AND SIDE SPLASH SHIELDS, FAUCET LEDGE, SINGLE CENTER FAUCET HOLE | _ | _ | _ | 2" | 2" | |
| ΓZ | FAUCET | T&S BRASS | B-0712-VF05 | SILL FAUCET, SELF-CLOSING METERING, 1/2" NPSM MALE SHANK, 0.5 GPM OUTLET DEVICE | 1/2" | 1/2" | _ | _ | _ | |
| Ρ3 | URINAL | KOHLER | BRANHAM K—25039—T | FLUSH OUTLET TECHNOLOGY:WASHOUT SPUD SIZE: 3/4, INLET, TOP MIN. WATER PER FLUSH:0.5, GAL (1.9 L) MAX. WATER PER FLUSH:1 GAL (3.8 L) FIXTURE PRESSURE MIN (STATIC):20 PSI (137.9 KPA) FIXTURE PRESSURE MAX (STATIC):80 PSI (551.6 KPA) | 3/4" | _ | _ | 2" | 2" | |
| | MOP SINK | ZURN | Z1996-24 | MOLDED HIGH-DENSITY COMPOSITE, STAINLESS STEEL DOME STRAINER / LINT BASKET, PVC DRAIN WITH ADJUSTABLE CAULKING NUT AND GASKET | _ | _ | _ | 3" | 2" | |
| P4 | FAUCET | CET T&S BRASS B-0665-BSTR B-0665-BSTR SERVICE SINK FAUCET, WALL MOUNT, 8" CENTERS, BUILT-IN STOPS, VACUUM BREAKER, ROUG CHROME PLATED BRASS BODY, PAIL HOOK, GARDEN HOSE MAIL OUTLET, LEVER HANDLES, COMPRESSION CARTRIDGES WITH SPRING CHECKS, 1/2" NPT FEMALE INLETS, UPPER SUPPOR ROD | | | | 1/2" | _ | _ | _ | |
| P5 | KITCHEN SINK | KRAUS | KWT311-15 | KRAUS- SINK DIMENSIONS OVERALL DIMENSIONS: 15" X 22", BOWL DIMENSIONS: 13" X 16", SINK DEPTH: 9", 16 GAUGE STAINLESS STEEL CONSTRUCTION, DUAL MOUNT SINGLE BOWL SINK, REQUIRED MINIMUM CABINET SIZE: 18", LEFT TO RIGHT, 24" FRONT TO BACK, REAR OFF-SET DRAIN, 3 1/2" DRAIN OPENING, NOISE DEFEND UNDERCOATING AND SOUND DAMPENING PADS. | 1/2" | 1/2" | _ | 2" | 2" | |
| P6 | DRINKING FOUNTAIN | ELKAY | EZOOTL8WSSK | ELKAY BOTTLE FILLING STATION WITH BI-LEVEL ADA COOLER DUAL HANDS FREE ACTIVATION NON-FILTERED REFRIGERATED STAINLESS. CHILLING, CAPACITY OF 8.0 GPH (GALLONS PER HOUR) OF 50 F DRINKING WATER, BASED ON 80 F INLET WATER AND 90 F AMBIENT, PER ASHRAE 18 TESTING. FEATURES SHALL INCLUDE ANTIMICROBIAL, HANDS FREE, LAMINAR FLOW, REAL DRAIN. FURNISHED WITH FLEXI-GUARD SAFETY BUBBLER. ELECTRONIC BOTTLE FILLER SENSOR & SENSOR BUBBLER ACTIVATION. PRODUCT SHALL BE WALL MOUNT (ON WALL). | 1/2" | 1/2" | _ | 1-1/4" | 1-1/4" | |
| Ρ7 | BAR SINK | AMERICAN STANDARD | 22SB.6151511S.0 75 | COLONY ADA SINGLE BOWL SINK, 1 HOLE ON CENTER, 6" DEEP BOWL, 20 GAUGE STAINLESS STEEL, TOP MOUNT INSTALLATION, BOTTOM SOUND DEADENING PADS WITH UNDERCOATING, WASTE FITTING INCLUDED CUTOUT TEMPLATE, INSTALLATION INSTRUCTIONS AND TOP, MOUNT HARDWARE INCLUDED, 18" (457MM) CABINET REQUIRED, NOMINAL DIMENSIONS:15" X 15" X 6" (381 X 381 X 152MM) | 1/2" | 1/2" | _ | 2" | 2" | |
| HB | WALL HYDRANT | WOODFORD | 75 | VALVE SEAT – PERMANENT TYPE BRASS VALVE BODY WITH HEMISPHERICAL SEATING SURFACE. STEM – HARDENED STAINLESS STEEL STEM RESISTS DAMAGE. PACKING – EPDM RUBBER WITH ADJUSTABLE PACKING NUT TEE KEY – LOOSE KEY OPERATES HYDRANT. INLET – 3/4" FEMALE PIPE THREAD. INLET SWIVELS 360° TO ANY POSITION. MAX PRESSURE – 125 P.S.I. MAX TEMPERATURE – 120° F OPTIONS – RK BRACKET KIT SHIPPING WEIGHT – MODEL 75: 3.1 LBS. | 3/4" | - | _ | _ | _ | |

FOR DETAILS. 2. FOR ALL APPLIANCE SPECIFICATIONS REFER TO ENLARGED UNIT PLANS PROVIDED BY THE ARCHITECT.

| | | | DRAIN | AND |
|------|-------------|---------------|-------------|----------|
| | | STRAINER SIZE | MANU | JFACTURE |
| MARK | OUTLET SIZE | INSTALL TYPE | JOSAM | W, |
| FD | 3" | 8"x8" | 30000-S | W-1 |
| FCO | SEE PLANS | FLOOR | 58363 | EQ |
| WCO | SEE PLANS | WALL | 58910/58600 | EQ |

| | GAS WATER HEATER SCHEDULE | | | | | | | | | | | | | | |
|----------|---------------------------|-------------|-----------|---------------------|-------------------------------|-------|-------------------|----------|-------------|---------------------|--|--|--|--|--|
| TAG LO | LOCATION | MANUFATURER | MODEL NO. | NOMINAL CAPACITY | RECOVERY 90°F RISE GALLONS | BTU | DIMENSIONS (INCH) | | MAX | APPROX. SHIPPING | | | | | |
| | LUCATION | | MODEL NO. | (GALLONS) | PER HOUR | ыю | HEIGHT | DIAMETER | TEMPERATURE | WEIGHT (LBS) | | | | | |
| GWH | SEE PLANS | AO SMITH | G62-50T50 | 51 | 54 | 50000 | 57 | 22 | 180°F | 165 | | | | | |
| DEMARKC: | | · | | | | | | | | | | | | | |

<u>REMARKS:</u>

. WATER CONNECTION 3/4" FOR WATER HEATER. 2. COMPLIES WITH THE FEDERAL ENERGY CONSERVATION STANDARDS EFFECTIVE APRIL 16, 2015, IN ACCORDANCE WITH THE ENERGY POLICY AND CONSERVATION ACT (EPCA), AS AMENDED. CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE MAXIMUM HYDROSTATIC WORKING PRESSURE 150 PSI

4

A.D.A. FIXTURES, TRIM, ACCESSORIES AND INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH AMERICANS WITH DISABILITIES ACT, A.D.A., AND LOCAL STANDARDS AND CODES. REFER TO THE ARCHITECTURAL DRAWINGS

CLEANOUT SCHEDULE RER'S NUMBERS NOTES VADE ZURN NICKLE BRONZE TOP. 1/2" TRAP PRIMER CONNECTION. PRECISION PLUMBING "ORGON #1 TRAP PRIMER. 1100-G Z-415-S EQUAL Z-1400 BRONZE PLUG. NIKALOY TOP. EQUAL BRONZE PLUG. STAINLESS STEEL WALL COVER. Z-1446



