#### GENERAL NOTES

- MAINTAIN ACCESS TO EXISTING WALKWAYS, CORRIDORS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT WALKWAYS, CORRIDORS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER.
- DEFINITIONS:
- REMOVE AND DISCARD: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE.
- REMOVE AND SALVAGE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND TURN OVER TO OWNER UNDAMAGED.
- RELOCATE: DETACH ITEMS FROM EXISTING CONSTRUCTION, MOVE ITEMS TACT AND UNDAMAGED, AND REINSTALL THEM WHERE INDICATED.

EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT

- E REMOVED, BUT ARE TO REMAIN IN PLACE AND BE UNDAMAGED. REMOVE AND RECLAIM: DETACH ITEMS FROM EXISTING CONSTRUCTION. AT CONTRACTORS OPTION ITEM MAY BE REUSED AS PART OF NEW WORK. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO INVENTORY ITEMS TO DETERMINE IF ITEMS WILL FUNCTION AND APPEAR LIKE THE NEW ITEMS SPECIFIED AND CALLED OUT ON THESE DOCUMENTS. IF ITEMS ARE REUSED, CONTRACTOR IS TO CLEAN, REPAIR, OR OTHERWISE BRING ITEMS TO LIKE NEW CONDITION. MODIFY REUSED ITEMS AS REQUIRED AND SUPPLEMENT WITH MATERIALS, AND INCIDENTALS NECESSARY TO EXECUTE A COMPLETE WORKMANLIKE JOB. IF CONTRACTOR CHOOSES TO NOT REUSE ITEM, LEGALLY DISPOSE OF ITEM OFF-SITE AND REPLACE
- MITH NEW TO MATCH EXISTING. PROVIDE: THE MEANING OF THE WORD "PROVIDED" INCLUDES, BUT IS NOT LIMITED TO, FURNISHED, DELIVERED, INSTALLED, FINISHED, MADE FULLY OPERABLE AND COMPLETE. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL WORK DESCRIBED IN THESE DOCUMENTS IS TO BE PROVIDED BY THE CONTRACTOR.
- CONTRACTOR IS TO INCLUDE AS PART OF HIS SCOPE ALL CUTTING AND PATCHING REQUIRED THROUGH CAREFUL EVALUATION OF THE EXISTING SITE AND THE CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL COORDINATE THE CUTTING AND PATCHING OF EXISTING CONSTRUCTION NECESSARY TO PERMIT INSTALLATION OR PERFORMANCE OF THE WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS. SAW-CUT CONC. SLAB AS REQUIRED FOR UTILITIES, FOR EQUIPMENT AND SINKS. VERIFY ROUTE AND TRENCH DEPTH IN FIELD. PATCH BACK WITH MATCHING SLAB THICKNESS OVER SAME MATERIAL. COMPACT UNDERLYING MATERIALS TO MEET BEST PRACTICES. DOWEL NEW TO EXISTING WITH #4 REBAR AT 30" OC.
- WHERE WALLS, CASEWORK, FINISHES, EQUIPMENT OR OTHER ITEMS AND CONSTRUCTIONS HAVE BEEN REMOVED EXPOSING UNDERLYING WALL AND/OR FLOOR SURFACES, SUCH SURFACES ARE TO BE PATCHED AND REPAIRED AS REQUIRED TO ACCEPT NEW FINISHES. ALL HOLES, DAMAGES, DEFECTS, ETC. IN EXISTING SURFACES ARE TO BE PATCHED TO MATCH EXISTING CONDITIONS.
- EXISTING CONDITIONS SHOWN ON THESE DRAWINGS ARE BASED UPON BASE BUILDING OR OTHER CONSTRUCTION DOCUMENTS MADE AVAILABLE TO THE DESIGNER BY THE BUILDING MANAGEMENT. ALL AS-BUILT ARCHITECTURAL CONDITIONS HAVE NOT BEEN FIELD VERIFIED AND MAY VARY FROM THOSE
- PRIOR TO BID: FIELD VERIFY ALL EXISTING CONSTRUCTION TO REMAIN AND INCLUDE COSTS FOR REPAIR AND RECONDITION OF ALL EXISTING CONSTRUCTION TO REMAIN SO THAT IT MEETS THE AESTHETIC AND FUNCTIONAL STANDARD OF QUALITY FOR NEW CONSTRUCTION. BLEND AND

ELECTRICAL NOTES

- MATCH EXISTING CONSTRUCTION WITH NEW CONSTRUCTION PRIOR TO BID, ADVISE TENANT OF ANY CONDITIONS WHICH CANNOT BE REPAIRED OR RECONDITIONED, BLENDED AND MATCHED. NOTE CONTRACT DOCUMENT REQUIREMENTS FOR EXISTING CONSTRUCTION AND INCLUDE COSTS FOR THIS WORK IN BID PROPOSAL.
- THE GENERAL CONTRACTOR SHALL, IN THE BIDDING PROCESS, REQUIRE THAT MECHANICAL AND ELECTRICAL SUBCONTRACTORS MAKE A THOROUGH FIELD INSPECTION OF AS-BUILT CONDITIONS OF EXISTING SYSTEMS. AFTER SUCH FIELD VERIFICATION HAS BEEN COMPLETED, THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL PROVIDE IN THEIR BIDS, ANY MODIFICATIONS TO THE EXISTING SYSTEMS WHICH MAY BE REQUIRED TO ACCOMMODATE THE PROPOSED REQUIREMENTS FOR THIS TENANT. IF A DETERMINATION OF SUCH MODIFICATIONS CANNOT BE MADE, THE GENERAL CONTRACTOR SHALL NOTIFY THE TENANT, AND AT THE DIRECTION OF THE TENANT, PROVIDE AN AGREED UPON ALLOWANCE TO COVER SUCH WORK.
- COMMENCING WORK BY A CONTRACTOR OR SUBCONTRACTOR CONSTITUTES ACCEPTANCE OF THE UNDERLYING CONDITIONS AND SURFACES. PRIOR TO PROCEEDING WITH THE WORK, PREPARE EXISTING AND NEW UNDERLYING CONDITIONS AND SUBSTRATE TO COMPLY WITH THE CONTRACT DOCUMENTS, INDUSTRY STANDARDS AND MANUFACTURER'S RECOMMENDATION.
- FIELD VERIFY ALL ROUGH OPENINGS AND WALL WIDTHS PRIOR TO ORDERING OR FABRICATION OF MATERIALS.
- 10. DIMENSIONS ARE NOMINAL AND TO THE FACE OF PARTITIONS
- 11. CLEAN-UP OF RUBBISH AND DEBRIS RESULTING FROM DEMOLITION AND NEW WORK SHALL BE COLLECTED REGULARLY FROM PROJECT SITE AND LEGALLY
- 12. ALL MEATHER EXPOSED SURFACES SHALL HAVE A MEATHER RESISTIVE BARRIER TO PROTECT THE INTERIOR WALL COVERING AND EXTERIOR OPENINGS SHALL BE FLASHED IN SUCH A MANNER AS TO MAKE THEM **WEATHERPROOF**
- 13. BUILDING ADDRESS NUMBERS TO BE PROVIDED ON THE FRONT AND STREET SIDE OF THE BUILDING. SAID NUMBERS SHALL BE A MIN. OF 7" HIGH WITH 1" WIDE STROKES CONTRASTING WITH THEIR BACKGROUND
- 14. CONTRACTORS ARE RESPONSIBLE FOR ALL MATERIALS AND QUANTITIES SHOWN IN THESE DRAWINGS GRAPHICALLY AS WELL AS THOSE CALLED FOR BY NOTE
- 15. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO COMPLETE THE PROPOSED WORK AND SHALL COMPLY WITH ALL LOCAL, STATIC, AND FEDERAL REGULATIONS
- 16. THE TENANT OR THE TENANT'S DESIGNATED REPRESENTATIVE WILL PROVIDE SERVICES IN CONNECTION WITH ADMINISTRATION OF THE CONTRACT
- 17. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS OF THE GOVERNING AGENCIES HAVING JURISDICTION
- 18. THE CONTRACTOR MUST TAKE ADEQUATE CARE TO PROTECT ALL AREAS OF THE BUILDING WHERE THE WORK OF THIS PROJECT IS LOCATED AS WELL AS

- THE AREAS ADJACENT TO THE AREA OF THE WORK OF THIS PROJECT SO AS TO PREVENT DAMAGE TO LIFE OR PROPERTY AS A RESULT OF THIS CONSTRUCTION PROJECT
- 19. ONLY MATERIALS THAT ARE NEW, UNUSED, FREE FROM DEFECTS, AND THE BEST OF THEIR RESPECTIVE KINDS SHALL BE USED. THE BASIS OF QUALITY SHALL BE THE LATEST STANDARDS OF ASTM, ASA OR ASHRA
- 20. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES INCLUDING THOSE OF THE TENANT WHO MAY BE ENGAGED UNDER A SEPARATE CONTRACT
- 21. INSTALL ALL WORK IN SUCH A MANNER AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND/OR REPAIRS
- 22. ALL WORK AND EQUIPMENT SHALL BE CLEANED TO THE SATISFACTION OF THE TENANT BEFORE BEING TURNED OVER FOR USE
- 23. A COPY OF THE LATEST SET OF CONSTRUCTION DOCUMENTS SHALL BE KEPT AT THE JOB SITE AT ALL TIMES
- 24. THE CONTRACTOR AND EACH SUBCONTRACTOR SHALL KEEP ACCURATE RECORDS OF ANY MODIFICATION OR DEVIATIONS FROM THE CONTRACT
- 25. PROJECT CLOSE OUT DOCUMENTS SHALL BE PROVIDED TO THE TENANT. INCLUDE AS-BUILT DRAWINGS, WARRANTY/MAINTENANCE MANUALS AND TESTING AND SUPERVISION AS REQUIRED. PRESERVE ALL PRINTED INSTRUCTIONS AND WARRANTIES THAT ARE PROVIDED WITH EQUIPMENT OR MATERIALS USED, AND DELIVER SAID PRINTED MATTER TO THE TENANT AT THE TIME OF SUBSTANTIAL COMPLETION. IF REQUESTED BY THE TENANT, INSTRUCT THE MANAGEMENT IN THE PROPER USE AND MAINTENANCE OF ALL ITEMS OF WORK PROVIDED.
- 26. PROVIDE WORK IN ACCORDANCE WITH THE MANUFACTURE'S RECOMMENDATION, EXCEPT IN THE CASE WHERE THE CONTRACT DOCUMENTS ARE MORE STRINGENT. PROVIDE ANY MISCELLANEOUS ITEMS OR MATERIALS NOT SPECIFICALLY NOTED, BUT REQUIRED FOR PROPER INSTALLATION OF THE
- 27. ALL WORK SHALL BE WARRANTED BY THE CONTRACTOR TO BE SATISFACTORY, IN MATERIALS AND WORKMANSHIP, FOR A MINIMUM PERIOD OF ON (1) YEAR, OR FOR THE PERIOD OF WARRANTY CUSTOMARY, SPECIFIED FOR, THE TRADE, CRAFT OR PRODUCT, WHICHEVER IS LONGER.
- 28. SUBMIT REQUESTS FOR SUBSTITUTIONS OF SPECIFIED ITEMS IN WRITING, ACCOMPANIED BY THE ALTERNATIVE PRODUCT INFORMATION, TO THE TENANT. SUBSTITUTIONS MAY BE CONSIDERED ONLY IF THEY DO NOT SACRIFICE QUALITY, APPEARANCE AND FUNCTION. ACCEPTANCE OF SUBSTITUTIONS IS AT THE SOLE DISCRETION OF THE TENANT.

PLUMBING CONTRACTOR SHALL ON A DESIGN BUILD BASIS MODIFY EXISTING

ACHIEVE A COMPLETE PLUMBING INSTALLATION. MODIFY, FURNISH, INSTALL

AND CONNECT FOR WORK, ALL SANITARY, SUPPLY, VENT, FIXTURES, ECT.

EXACT LOCATIONS AND QUANTITIES OF FIXTURES, VALVES, AND EQUIPMENT

CONNECTIONS ARE TO BE COORDINATED WITH, THE FIXTURE SCHEDULE, THE

TENANT. ALL LABOR, TOOLS, MATERIALS, EQUIPMENT SHALL BE PROVIDEI

AS NECESSARY TO PROVIDE AND INSTALL A COMPLETE SYSTEM. PLUMBING

CONTRACTOR IS TO DESIGN PIPE SIZES AND COMPONENTS AS REQUIRED TO

2. PLUMBING CONTRACTOR TO DETERMINE EXACT ROUTING AND LOCATIONS OF

ALL PIPING ON JOB SITE IN COMPLETE COORDINATION WITH ALL OTHER

TRADES INVOLVED. HE SHALL ALSO VERIFY WITH OWNER EXACT FLOOR

PLAN LAYOUT, LOCATIONS OF FIXTURES, AND STRUCTURAL CONDITIONS.

PROVIDE ALL FIXTURES WITH HOT AND COLD WATER, WASTE AND VENT

CONNECTIONS. EACH FIXTURE SHALL HAVE SHUTOFF VALVES FOR HOT

ELIMINATE CROSS CONTAMINATION OR SIPHONING OF WASTE MATERIAL INTO

THE SUPPLY WATER SYSTEM. PIPING SHALL BE PITCHED TO VENT AND/OR

DRAIN. VERIFY EXACT LOCATIONS AND REQUIREMENTS BEFORE BEGINNING

THOROUGHLY CLEAN ALL ITEMS BEFORE INSTALLATION. CAP PIPE OPENINGS

TO EXCLUDE DIRT UNTIL FIXTURES ARE INSTALLED AND FINAL CONNECTIONS

HAVE BEEN MADE. SET FIXTURES LEVEL AND IN PROPER ALIGNMENT. INSTALL

SILICONE SEALANT BETWEEN FIXTURES ADJACENT MATERIAL FOR SANITARY

AND/OR COLD WATER. PIPING SHALL BE INSTALLED PROPERLY TO

SYSTEMS AND PROVIDE NEW PLUMBING SYSTEMS AS NECESSARY TO

#### PLUMBING NOTES

- ELECTRICAL CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT FOR WORK ON A DESIGN BUILD BASIS, ALL WIRE, WIREWAY, CONDUIT, CONNECTORS, OUTLETS. ETC. NECESSARY TO ACHIEVE A COMPLETE ELECTRICAL INSTALLATION. EXACT LOCATIONS AND QUANTITIES OF ELECTRICAL OUTLETS AND JUNCTION BOXES ARE TO BE COORDINATED WITH TENANT. WHERE AN ELECTRICAL DEVICE IS REQUIRED BY CODE BUT NOT REQUESTED BY OWNER, IT SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE AND PROVIDE ELECTRICAL WORK REQUIRED BY OTHER TRADES. ALL LABOR, TOOLS, MATERIALS, EQUIPMENT SHALL BE PROVIDED AS NECESSARY TO PROVIDE AND INSTALL A COMPLETE SYSTEM. ALL WORK SHALL BE PER 2011 NEC.
- ALL ELECTRICAL, LIGHT AND POWER WIRE SHALL NOT BE SMALLER THAN 12 AMG. ALL LIGHTING AND POMER MIRING 10 AMG AND SMALLER SHALL BE SOLID. ALL CONDUCTORS SHALL BE COPPER ONLY. NO ALUMINUM IS ALLOWED.
- ALL CONDUITS SHALL BE SIZED IN ACCORDANCE WITH THE LATEST NEC TABLES. MINIMUM CONDUIT SIZE SHALL BE  $\frac{1}{2}$ ". ALL CONDUIT IN AND UNDER FLOOR SLAB SHALL BE SCHEDULE 40 PVC.
- ALL POWER WIRING IN EXPOSED AREAS AND ABOVE ACCESSIBLE CIELINGS SHALL BE IN EMT CONDUIT. MC CABLE AND ARMORED CABLE ARE ALSO ALLOWABLE IN WALLS WHERE CONDUITS ARE NOT EXPOSED.
- ELECTRICAL CONTRACTOR SHALL CIRCUIT FIXTURES AND SHALL PROVIDE AND INSTALL CIRCUIT DIRECTORY WITH TYPED CIRCUIT DESIGNATION CARD UNDER PLASTIC COVER ON THE INSIDE OF EACH PANEL DOOR. ELECTRICAL CONTRACTOR SHALL ALSO FURNISH AND INSTALL NAMEPLATES ON ALL DISCONNECT SMITCHES AND PANELBOARDS.
- ALL CONDUIT, JUNCTION BOXES, ETC. ABOVE CEILINGS SHALL BE SUPPORTED FROM STRUCTURE.
- LIGHTING IS TO BE CIRCUITED SEPARATE FROM ALL OTHER DEVICES. ALL NEW LIGHTING IS TO BE UL LISTED. ALL LIGHTING IS TO BE SWITCHED. COORDINATE SMITCH LOCATIONS MITH OWNER.
- ALL 125-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE RECEPTACLES INSTALLED IN THE LOCATIONS SPECIFIED IN 210.8(B)(1) THROUGH (8) SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL. (1) BATHROOMS
- (2) KITCHENS
- (3) ROOFTOPS
- (4) OUTDOORS (5) SINKS - WHERE RECEPTACLES ARE INSTALLED WITHIN 6 FEET OF THE OUTSIDE EDGE OF THE SINK.
- (6) INDOOR WET LOCATIONS (7) LOCKER ROOMS WITH ASSOCIATED SHOWERING FACILITIES
- (8) GARAGES, SERVICE BAYS, AND SIMILAR AREAS WHERE ELECTRICAL DIAGNOSTIC EQUIPMENT, ELECTRICAL HAND TOOLS, OR PORTABLE LIGHTING EQUIPMENT ARE TO BE USED.
- ILLUMINATION REQUIRED. THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE ALL OF THE FOLLOWING AREAS:
- a. AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS. b. CORRIDORS, INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT
- PASSAGEMAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS. C. EXTERIOR EGRESS COMPONENTS AT OTHER THAN THEIR LEVELS OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
- d. INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1027.1, IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
- e. EXTERIOR LANDINGS AS REQUIRED BY SECTION 1008.1.6 FOR EXIT DISCHARGE DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE
- F. THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A

- DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 604.
- 10. ILLUMINATION LEVEL UNDER EMERGENCY POWER. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOTCANDLE (11LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOTCANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 FOOTCANDLE (6 LUX) AVERAGE AND A MINIMUM AT ANY POINT OF 0.06 FOOTCANDLE (0.6 LUX) AT THE END OF THE EMERGENCY LIGHTING TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED.
- 11. LOW VOLTAGE WIRING AND DEVICES ARE TO BE PROVIDED UNDER SEPARATE CONTRACT BY OWNER'S VENDOR. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL AS PART OF HIS WORK EMPTY DATA JUNCTION BOXES WITH CONDUIT AND PULL-STRING TO ACCESSIBLE AREAS. EXACT LOCATIONS AND QUANTITIES OF DATA JUNCTION BOXES ARE TO BE COORDINATED WITH THE

#### PIPING MATERIALS

- DOMESTIC WATER BELOW SLAB AND GRADE: TYPE 'K' SOFT TEMPER COPPER WITH FLARE FITTING CONNECTIONS. EXCEPT NO FITTINGS TO BE USE BELOW FLOOR SLAB. USE LONG RADIUS BENDS ONLY.
- DOMESTIC WATER ABOVE SLAB: TYPE 'L' HARD TEMPER COPPER WITH SWEAT SOLDER CONNECTIONS. USE NO-LEAD TYPE SOLDER. ALL WATER LINES ABOVE SLAB SHALL BE INSULATED WITH EXPANDED CELL OR MOLDED SECTIONAL FIBEROUS GLASS WITH FACTORY APPLIED UL LISTED VAPOR BARRIER JACKET. FLAME SPREAD FOR INSULATION SHALL BE 25 OR LESS.
- SANITARY WASTE AND VENT: SCHEDULE 40 PVC DWV SOLVENT JOINT HOWEVER, PVC MAY NOT BE USED IN ABOVE CEILING PLENUM RETURN AREAS. IN PLENUM AREAS USE CAST IRON NO-HUB CONNECTIONS.
- GAS PIPING: TO BE TYPE 'S' SEAMLESS GRADE B SCHEDULE 40 BLACK OR ASTM A53 STEEL PIPE. TYPE 'E' ELECTRIC RESISTANT WELDED. WHERE INSTALLED BELOW GRADE, PIPE MUST BE COATED AND WRAPPED AND HAVE CATHODIC PROTECTION. ALL CAST IRON PIPE THAT IS OVER 3" DIAMETER AND NOT EXPOSED, MUST BE WELDED PIPE
- 5. TEST WATER SYSTEM UNDER 150 PSIG HYDROSTATIC PRESSURE FOR FOUR HOURS MINIMUM. ALL WORK SHALL BE IN ACCORDANCE 2006 IPC.

THE INSTALLATION.

MEET CODE.

# PLUMBING FIXTURE SCHEDULE

- FIXTURES SUBSTITUTIONS TO BE APPROVED BY OWNER.
- LAVATORY SINK SINK AND FAUCET SUPPLIED AND INSTALLED BY CONTRACTOR. AMERICAN STANDARD 9024.001EC SINK & DELTA 559LF-PLU FAUCET
- HANDICAP TOILET TOTO, #CST7445L, DRAKE CLOSE COUPLED TOILET #SC514 OPEN FRONT SEAT LESS COVER, AND CHROME PLATED ANGLE STOP AND RISER. (OR EQUAL) HANDLE TO BE OPEN SIDE.

#### MECHANICAL NOTES

#### MECHANICAL CONTRACTOR SHALL ON A DESIGN BUILD BASIS MODIFY EXISTING MECHANICAL SYSTEMS AND PROVIDE NEW MECHANICAL SYSTEMS AS NECESSARY TO ACHIEVE A COMPLETE MECHANICAL INSTALLATION. MODIFY, FURNISH, INSTALL AND CONNECT FOR WORK, ALL DUCTWORK, DIFFUSERS, GRILLS ETC. NECESSARY TO ACHIEVE A COMPLETE MECHANICAL INSTALLATION. ALL LABOR, TOOLS, MATERIALS, EQUIPMENT SHALL BE PROVIDED AS NECESSARY TO PROVIDE AND INSTALL A COMPLETE SYSTEM. MECHANICAL CONTRACTOR IS TO DESIGN DUCTWORK SIZES AND COMPONENTS AS REQUIRED TO PROVIDE A COMPLETE BALANCED SYSTEM.

#### MECHANICAL SYSTEM IS TO BE REBALANCED THROUGH OUT ENTIRE AREA OF WORK TO PROVIDE EVEN TEMPERATURES AT ALL SPACES.

#### FIXTURE BRANCH PIPING

FIXTURE	MASTE	VENT	CM	НΜ	
(L1)	1 -1/4"	1-1/4"	1/-2"	1/-2"	
(T)	3"	2"	1/2"	-	

#### 293 sqft Assembly @ 15sqft/P = 19.53 Occ 219 sqft Assembly 54 saft @ 15sqft/F Assembly 100 sqft Marehouse = 14.6 0cc @ 5saft/P Kitchens @ 500sqft/F = 10.8 0cc @ 200sqft/f = Q.31 Occ = 0.5 0cc EXISTING ONE HOUR MALL 496 saft WITH 20 MIN DOORS TO BE Assembly UPGRADED TO 2 HOUR FIRE @ 15 sqft/P BARRIER TO PROVIDE FIRE = 33.07 000 AREA SEPERATION. EXISTING TO REMAIN Accessory MASONRY WALL @ 300sqft/P = 0.77 Occ PLAN NORTH

-UPGRADE EXTERIOR DOOR TO SWING OUT, PROVIDE DOOR WITH PANIC EXIT HARDWARE

# FLOOR PLAN NOTES

CODE NOTES

SUMMIT, MISSOURI:

B. ALL CONSTRUCTION FOR THIS PROJECT SHALL CONFORM TO THE

FOLLOWING BUILDING CODES AS ADOPTED AS AMENDED BY LEE'S

A. TENANT FINISH

EXISTING ONE HOUR WALL TO BE CONVERTED TO 2 HOUR WALL TO  $\overset{\smile}{\smile}$  CONFORM TO THE REQUIREMENTS OF UL DESIGN U419 (METAL STUDS) OR UL DESIGN U301 (MOOD STUDS)

7-405 OF THE CODE OF ORDINANCE WHICH ALLOWS WATER TO BE

LAVATORIES (MOMEN) =  $40 / 75 = 0.53 \rightarrow 7$ 

SERVICE SINK = 1 REQUIRED / PROVIDED

SERVED IN A-2 OCCUPANCIES.

TO 3/4" GYPSUM BOARD FULL HEIGHT.

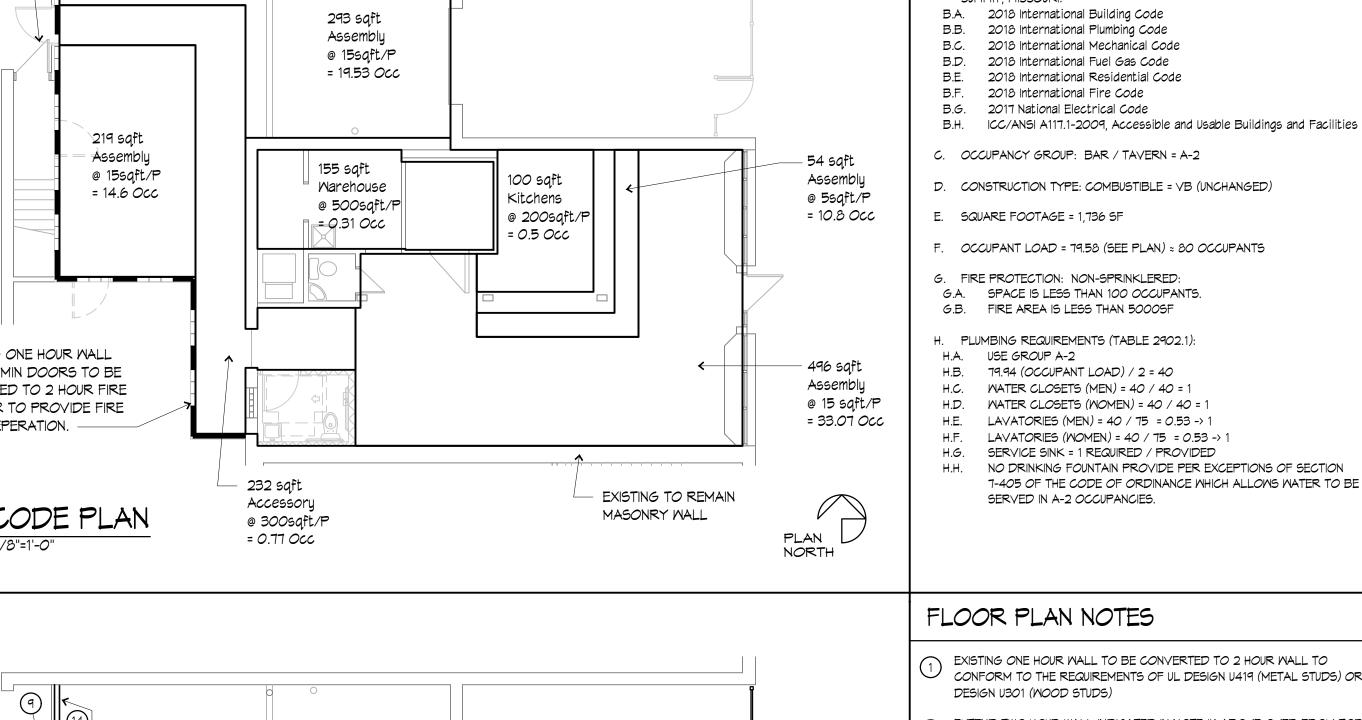
- EXTEND TWO HOUR WALL INDICATED IN NOTE #1 ABOVE OVER FROM TOP OF EXISTING TO REMAIN MASONRY WALL TO UNDERSIDE OF ROOF DECK.
- CONSTRUCT WALL  $3\frac{1}{6}$ " METAL STUDS (OR 2X45) AT 16" O.C. FROM FLOOR TO UNDERSIDE OF STRUCTURE ABOVE. TOILET ROOM SIDE OF WALL TO HAVE 3/8" MOISTURE RESISTANT GYPSUM BOARD TO 8'-0". OUTSIDE OF WALL
- $\bigcirc$  CONSTRUCT WALL 6" METAL STUDS (OR 2X65) AT 16" O.C. FROM FLOOR TO UNDERSIDE OF STRUCTURE ABOVE. TOILET ROOM SIDE OF WALL TO HAVE %" MOISTURE RESISTANT GYPSUM BOARD TO 8'-0". OUTSIDE OF WALL TO %" GYPSUM BOARD FULL HEIGHT.
- FURR OUT WALL WITH 3/2" MOISTURE RESISTANT GYPSUM BOARD ON ONE SIDE OF  $3\frac{5}{8}$ " METAL STUDS AT 16" O.C. EXTEND FROM FLOOR TO 8'-0" A.F.F.
- 6 INSTALL GYPSUM BOARD CEILING OF 5/8" GYPSUM BOARD ON 6" METAL STUD FRAMING AT 16" O.C. BOTTOM OF GYPSUM TO BE AT 8'-0" AFF. PRIME AND PAINT CEILING WHITE. PROVIDE LED CAN LIGHTS. PROVIDE COOK GC-142 (OR EQUAL) 75 CFM CEILING EXHAUST FAN WITH CEILING GRILLE, INTEGRAL BACK DRAFT DAMPER VARI-SPEED CONTROLLER. CONNECT TO SWITCH CONTROLLING LIGHTS IN ROOM. ROUTE 6"DIA DUCT TO EXISTING TO AD EXTERIOR WEATHERHEAD.
- (7) TOILET ROOM WALLS TO BE PAINTED WITH PRIMER AND TWO COATS OF EPOXY PAINT. PROVIDE 4" RUBBER BASE. PROVIDE FIXTURES AND ACCESSORIES AS INDICATED IN TYPICAL TOILET ROOM NOTES THIS SHEET.
- (8) AS PART OF WORK PROVIDE CORRECTIONS TO HARDWARE AS NECESSARY TO MAKE EXISTING HARDWARE COMPLY WITH THE FOLLOWING REQUIREMENTS; DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL NOT REQUIRED TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. THE UNLATCHING OF DOOR SHALL NOT REQUIRE MORE THAN ONE OPERATION. DOOR SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL REQUIREMENTS EXCEPT THIS MAIN ENTRY DOOR MAY HAVE LOCKING DEVICE FROM THE EGRESS SIDE PROVIDED THAT A SIGN STATING "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED." IS POSTED ABOVE THE DOOR ON THE EGRESS SIDE. CONFIRM REQUIREMENTS WITH FIRE OFFICIAL.
- PROVIDE NEW UL LABLED 90MIN RATED GALVANIZED EXTERIOR HOLLOW METAL FRAME AND DOOR. PAINT. PROVIDE THE FOLLOWING HARDWARE OR EQUAL;
- 3 EA HINGE 5BB1 4.5 X 4.5 652 IVE
- 1 EA EXIT DEVICE 9800L US26D VON
- 1 EA CLOSER 4031EDA 689 LCN 1 SET GASKETS 296DPK PEMKO
- 1 EA THRESHOLD 2009DPK PEMKO 1 EA DOOR SWEEP C627DKB NGP

1 EA FLOOR STOP F5185 IVES

REMOVE AND DISCARD DOOR FRAME, AND HARDWARE. INFILL OPENING MITH CONSTRUCTION TO MATCH EXISTING AND AS REQUIRED TO PROVIDE 2HOUR RATING AS INDICATED IN PLAN NOTE #1 ABOVE. AT BUILDING OWNER OPTION IN LIEU OF INFILL PROVIDE NEW UL LABLED 90MIN RATED HOLLOW

METAL FRAME AND DOOR PROVIDED WITH THE FOLLOWING HARDWARE OR

- EQUAL: 3 EA HINGE 5BB1 4.5 X 4.5 652 IVE 1 EA STOREROOM ALX80P SAT 626 SCH
- 1 EA CLOSER 4031EDA 689 LCN
- 1 SET GASKETS 296DPK PEMKO PROVIDE KD METAL FRAME AND WOOD DOOR TO MATCH EXISTING. DO NOT PROVIDE CLOSURE ON DOOR. PROVIDE THE FOLLOWING HARDWARE
  - OR EQUAL: 3 EA HINGE 5BB1 4.5 X 4.5 652 IVE 1 EA PRIVACY ALX40P SAT 626 SCH 1 SET GASKETS 296DPK PEMKO
- (12) REMOVE AND SALVAGE COILING OVERHEAD DOOR AT OPENING.
- $\stackrel{\textstyle \frown}{}$  Provide combination exit sign and emergency light.
- PROVIDE COMBINATION EXIT SIGN AND INTERIOR EMERGENCY LIGHT WITH ADDITIONAL EXTERIOR EMERGENCY LIGHT REMOTE HEAD.
- (15) EXISTING TO REMAIN EMERGENCY LIGHT.

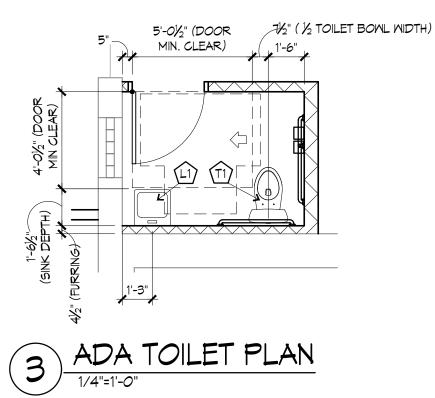


- EXISTING TO REMAIN MASONRY WALL

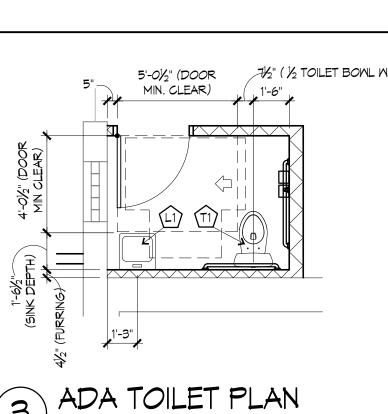
# PATIO\_ BACK ROOM\_ \_<u>MORK</u> 103 (14) 100 100 PLAN

# TOILET ROOM TYPICAL NOTES

- PROVIDE WATER CLOSET WITH SEAT HEIGHT BETWEEN 17 AND 19 INCHES MEASURED TO TOP OF THE SEAT. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET. CENTERLINE OF WATER CLOSET SHALL BE 16" TO 18" FROM THE SIDE WALL.
- PROVIDE LAVATORY WITH RIM MOUNTED AT 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. BOTTOM OF APRON TO BE 29 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. WATER SUPPLY AND DRAIN PIPES UNDER LAVATORY SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OF ABRASIVE SURFACES UNDER LAVATORY. THE CENTERLINE OF THE LAVATORY SHALL BE A MINIMUM OF 15" FROM THE SIDE WALL.
- PROVIDE 20"X40" POLISHED EDGE MIRROR. TO BE 40" MAXIMUM TO REFLECTIVE SURFACE.
- PROVIDE TOILET PAPER DISPENSER. TOILET PAPER DISPENSER TO BE 7 INCHES FROM RIM OF TOILET TO CENTER OF TOILET PAPER ROLL(IN PLAN HORIZONTAL.) TOILET PAPER TO BE 19" MINIMUM ABOVE FINISHED FLOOR.
- 5. PROVIDE GRAB BARS. SIDE HORIZONTAL GRAB BAR TO BE 42" MIN LONG, 12" FROM BACK WALL, AND 33"-36" AFF. SIDE VERTICAL GRAB BAR TO BE 18" MIN. LONG, 40" FROM BACK WALL, AND 40" AFF TO BOTTOM OF BAR REAR HORIZONTAL GRAB BAR TO BE 36" MIN LONG, 6" MAX FROM BACK WALL, AND 33"-36" AFF. ALL GRAB BARS TO HAVE  $1\frac{1}{2}$ " MAX DIA. AND  $1\frac{1}{2}$ " OFFSET FROM WALL.
- 6. SOAP AND PAPER TOWEL DISPENSERS TO BE TENANT PROVIDED CONTRACTOR INSTALLED. TO BE INSTALLED AT 34" AFF TO SOAP SPOUT OR TOWEL DISPENSING LOCATION.
- PROVIDE ON EXTERIOR LATCH SIDE OF DOOR MATTE FINISH TOILET ROOM



AT TENANT OPTION PROVIDE FENCE TO ENCLOSE PATIO. IF FENCE IS PROVIDE THERE SHALL BE EITHER NO GATE OR A GATE THAT IS PROVIDED WITH HARDWARE AS FOLLOWS: HANDLES, PULLS, LATCHES, LOCKS AND PINCHING OR TWISTING OF THE WRIST TO OPERATE. THE UNLATCHING OF SPECIAL REQUIREMENTS. CONFIRM HARDWARE SELECTIONS WITH FIRE



NORTH



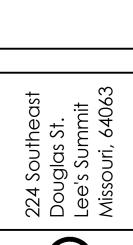
### FLOOR PLAN NOTES (CONTINUED)

OTHER OPERATING DEVICES SHALL NOT REQUIRED TIGHT GRASPING, TIGHT GATE SHALL NOT REQUIRE MORE THAN ONE OPERATION. GATE SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR OFFICIAL.

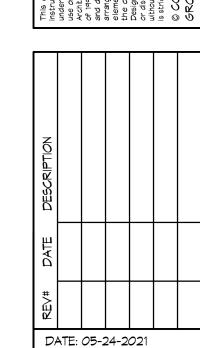


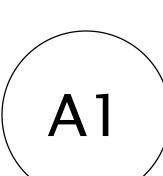












PROJECT# 21017