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DATE SIGNED 11/15/2021
 Project Number 21-113.02
ADA Compliance Certification
 To best of my professional knowledge, the facility as indicated is in compliance with the Americans with Disabilities Act, including the current ADA Title III Design Guidelines.
 David Eskov

PERMIT
 NOVEMBER 05, 2021

Revisions
 CITY COMMENTS 11.15.21

RETAIL STORE TENANT INFILL
 RETURN TO NATURE
 56 NE SYCAMORE ST
 LEE'S SUMMIT, MO 64066

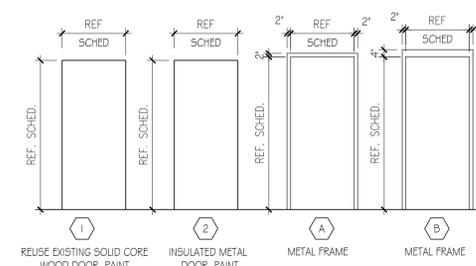
sheet
A1.0
 FLOOR PLAN

HARDWARE SETS

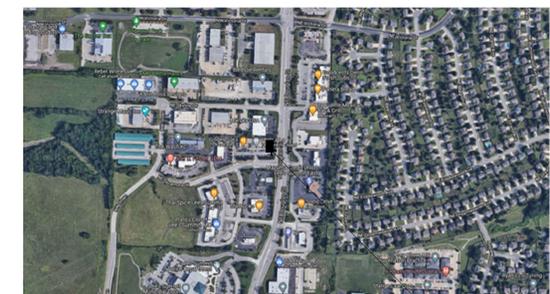
SET #1
 LOADING DOOR
 4 EA 88 SS HINGES (OR CONTINUOUS HINGE)
 LEVER LOCKSET (ENTRY FUNCTION)
 OH STOP (GJ #705 OR EQUAL)
 DOOR BOTTOM DRIP/SWEEP
 1/2" H MAX THRESHOLD W/ DOOR SEAL PEMCO 2005AV OR EQ
 LATCHGUARD
 WEATHERSTRIPPING ALL AROUND FRAME
 KICKPLATE 8' X 32"

DOOR SCHEDULE

DOOR NUMBER	DOOR SIZE	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HARDWARE	DETAILS	REMARKS
100	3'-0" X 7'-0"	1	HM	A	HM	EXIST	4A1.1	PAINT, COOR COLOR WITH TENANT
101	4'-0" X 7'-0"	2	HM	B	HM	I	3A1.1	PAINT, TO MATCH EXTERIOR WALL, INSULATED DOOR
100	3'-0" X 7'-0"	1	HM	A	HM	EXIST	4A1.1	PAINT, COOR COLOR WITH TENANT



VICINITY MAP:



CODE DATA:

APPLICABLE CODES: ALL WORK UNDER THIS CONTRACT SHALL COMPLY WITH THE PROVISIONS OF THE SPECIFICATIONS AND DRAWINGS, AND SHALL SATISFY ALL APPLICABLE CODES, ORDINANCES AND REGULATIONS OF ALL GOVERNING BODIES INVOLVED. ALL PERMITS AND LICENSES NECESSARY FOR THE PROPER EXECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR INVOLVED. APPLICABLE CODES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:

BUILDING CODE	2018 International Building Code
ELECTRICAL CODE	2017 NATIONAL ELECTRICAL CODE
MECHANICAL CODE	2018 INTERNATIONAL MECHANICAL CODE
PLUMBING CODE	2018 INTERNATIONAL PLUMBING CODE
FIRE PROTECTION	2018 INTERNATIONAL FIRE CODE - NFPA 13
ACCESSIBILITY	2010 AMERICANS WITH DISABILITIES ACT - DESIGN GUIDELINES

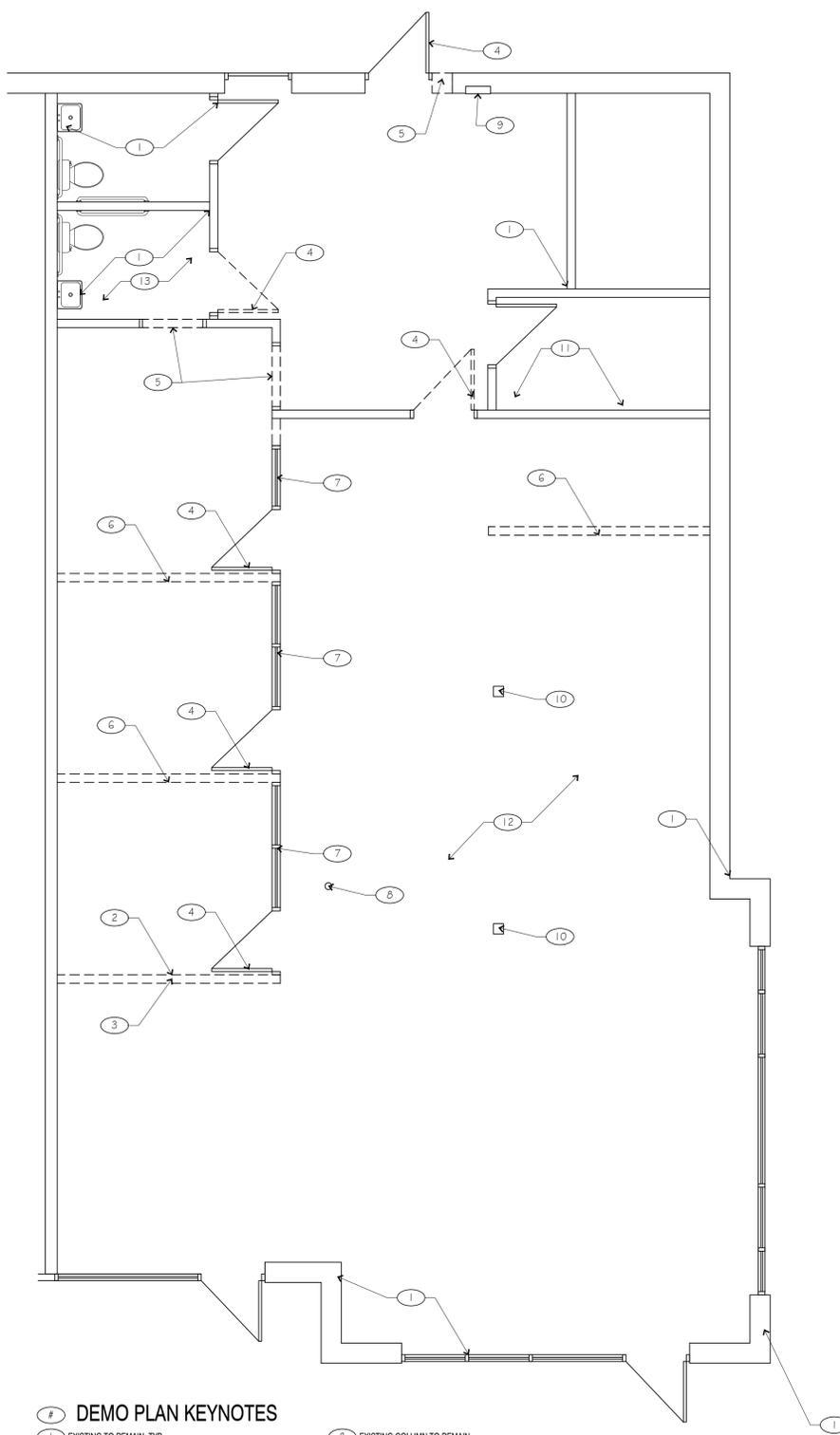
OCCUPANCY TYPE: M - MERCHANTILE

CONSTRUCTION TYPE: TYPE V-B COMBUSTIBLE (SPRINKLED)

OCCUPANT LOAD:
 EXISTING RETAIL AREA: EXISTING = 1,925 SF (CODE)

MERCHANTILE OCCUPANT LOAD:
 RETAIL 1,522/60 = 26 OCC
 OFFICE 60/100 = 1 OCC
 STORAGE/ACCESSORY 324/300 = 2 OCC
 EXISTING TOTAL = 29 OCC

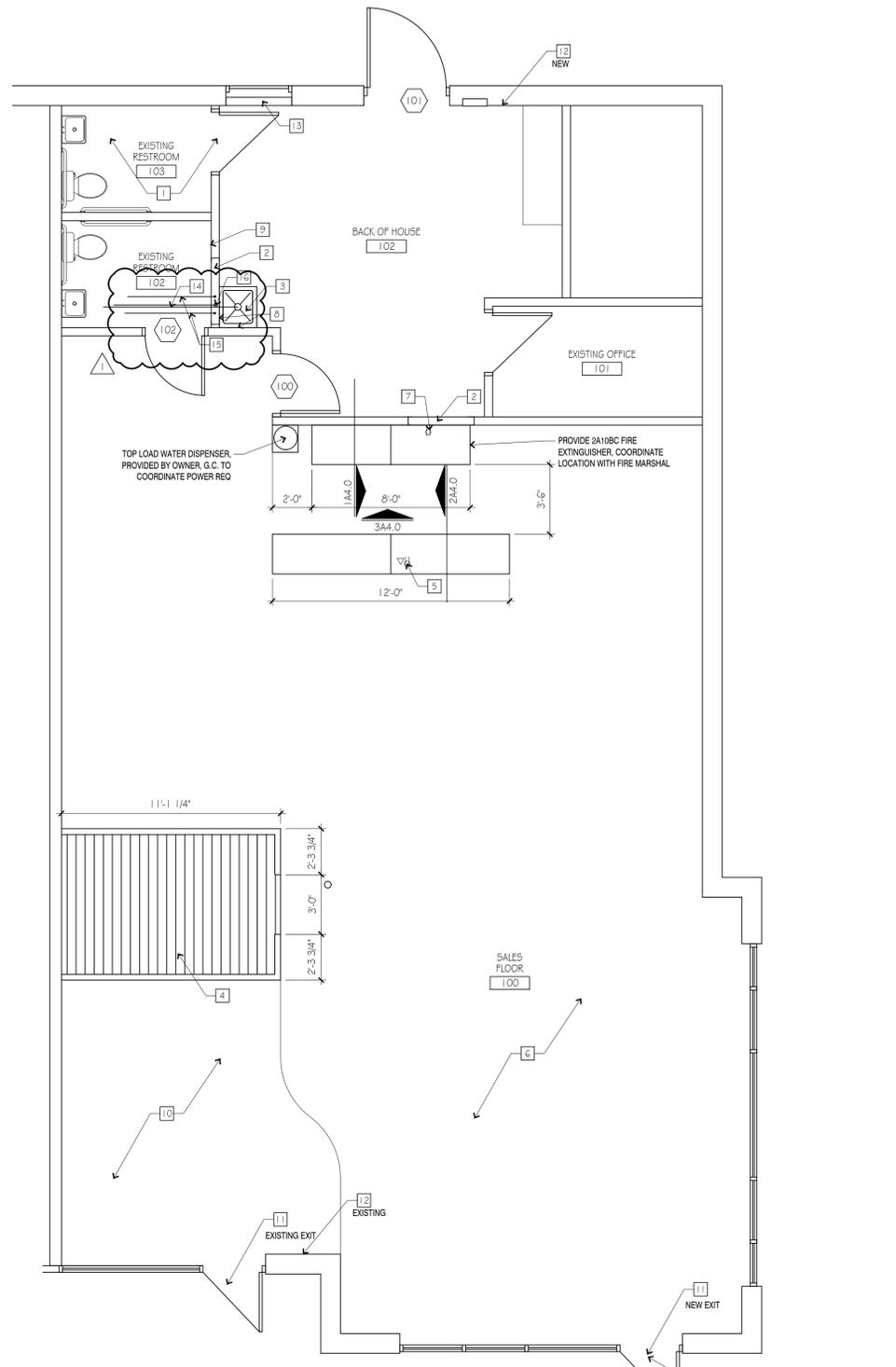
EXIT CALCULATION:
 OCC. LOAD 35 = 1 REQ'D. EXIT PROVIDED = 1 EXITS
 EXIT WIDTH:
 29 OCCUPANTS X .2 = 5.8 INCHES PROVIDED = 34 INCHES



DEMO PLAN KEYNOTES

- 1 EXISTING TO REMAIN, TYP
- 2 EXTEND EXISTING WALL TO DECK AND SECURE STUDS WITH NEW MTL STUDS, INSULATION, AND GYP BD. FINISH WALL TO MATCH EXISTING
- 3 REMOVE EXISTING WALL TO BOTTOM OF EXISTING GYP CEILING AND FINISH FLUSH WITH EXISTING GYP BD
- 4 REMOVE EXISTING DOOR SALVAGE DOOR AND HARDWARE FOR REUSE
- 5 REMOVE PORTION OF EXISTING WALL TO ACCOMMODATE NEW DOOR
- 6 REMOVE EXISTING WALL
- 7 REMOVE EXISTING INTERIOR STOREFRONT
- 8 EXISTING COLUMN TO REMAIN
- 9 EXISTING COLUMN TO REMAIN
- 10 REMOVE EXISTING ELECTRICAL FLOOR BOX, CAP BELOW SLAB AND INFILL TO RECEIVE NEW FLOORING
- 11 REMOVE EXISTING PHONE BD, DATA RACK AND LINES
- 12 REMOVE EXISTING CARPET TILES AND ADHESIVE AS REQUIRED TO RECEIVE NEW FLOORING BY TENANT
- 13 REMOVE EXISTING VOT AND ADHESIVE AS REQUIRED TO RECEIVE NEW FLOORING BY TENANT. FLOOR WILL NEED TO BE TRENCHED AND FILLED TO RUN NEW SANITARY LINE TO MOP SINK

DEMO PLAN
 SCALE: 3/8" = 1'-0"



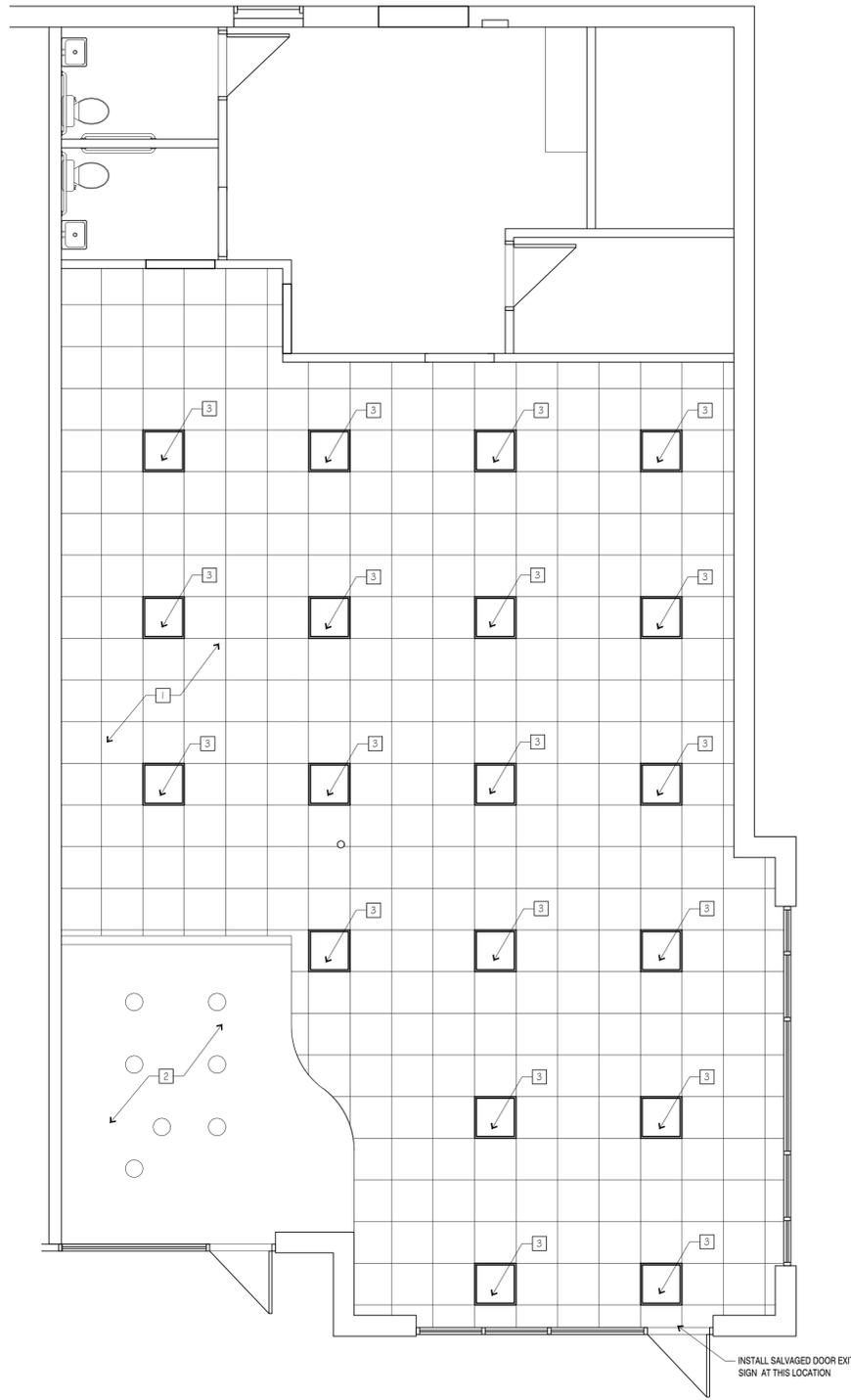
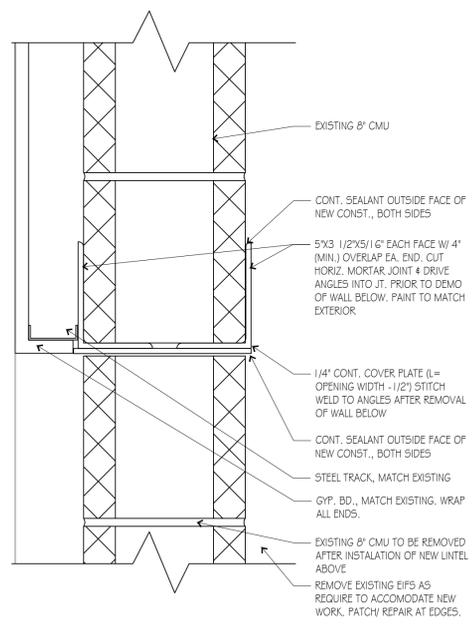
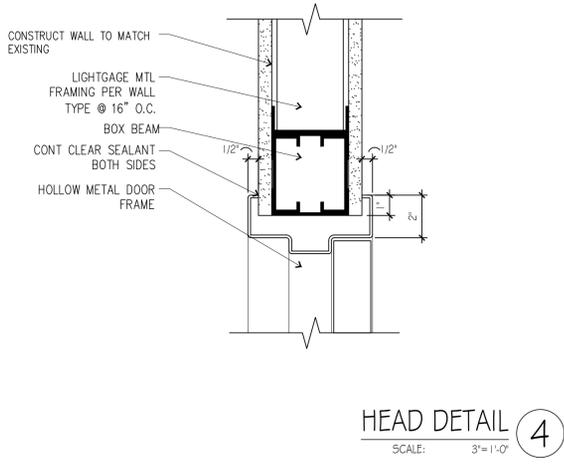
FLOOR PLAN KEYNOTES

- 1 NO WORK THIS AREA
- 2 INFILL EXISTING OPENING TO MATCH EXISTING WALL. FINISH TO RECEIVE PAINT AND PROVIDE WALL BASE TO MATCH EXISTING
- 3 MOP BASIN: FIAT, #MSB-242, MOLDED STONE MOP BASIN, 2" DRAIN, 24" X 24" BASIN, VINYL BUMPER GUARD, STERN WILLIAMS #FT-1018 FAUCET, SPRING CHECKS, VACUUM BREAKER, INTEGRAL STOPS, WALL BRACE & PAIL HOOK, TIE INTO EXISTING SANITARY LINE AND WATER LINES, W/ NEW P TRAP & VENT
- 4 PROVIDE BID ALTERNATE FOR WOOD DECK ON 2X6 FRAMING AT 16" O.C. WITH WOOD RAILING, STAIN DECK PER TENANTS FINISH SELECTION, HIGHT TO BE 0'-7" +/-
- 5 PROVIDE NEW 15 AMP BREAKER IN PANEL AND RUN NEW ELECTRICAL LINES UNDER SLAB FOR POWER AND DATA AT NEW POS. COORDINATE LOCATION, IN CASEWORK, WITH TENANT.
- 6 PAINT ALL EXISTING INTERIOR WALLS. ASSUME TWO PAINT COLORS, ONE FIELD AND ONE ACCENT. COLORS TO BE SELECTED BY TENANT. NEW FLOORING & BASE BY TENANTS SUB
- 7 NEW TV OUTLET TIED TO NEW BREAKER IN PANEL. PROVIDE BLOCKING FOR TV, COORDINATE HEIGHT WITH TENANT. PROVIDE AND INSTALL ONE (1) HUBBELL #RH1510X RECESSED TAMPER RESISTANT DUPLEX RECEPTACLE AND ONE(1) HUBBELL #HBL20 TWO GANG LARGE CAPACITY WALL BOX UP TO 2" KNICKOUT W/ MLD RING FOR DATA. PROVIDE #2 WITH PULL STRING TO ABOVE ACCESSIBLE CEILING FOR DATA CABLES.
- 8 PROVIDE NEW WHITE EPOXY PAINT BEHIND MOP SINK UP TO 4'-0" MIN.
- 9 REPLACE EXISTING LIGHT SWITCH W/ NEW OCCUPANCY SENSOR SWITCH
- 10 EXISTING TILE FLOOR TO REMAIN
- 11 RELOCATE EXISTING DOOR HARDWARE, EXIT SIGN, AND BLINDS FROM EXISTING ENTRANCE DOOR TO NEW ENTRANCE DOOR
- 12 RELOCATE EXISTING LIGHT SWITCHES TO THE BACK DOOR, TIE SWITCHES TO NEW LIGHT AND PATCH WALL TO MATCH EXISTING
- 13 LOCK EXISTING DOOR AND REPLACE EXISTING W/ A BLANK PLATE. INFILL DOOR OPENING WITH NEW MTL STUDS, INSULATION, AND GYP BD. FINISH WALL TO MATCH EXISTING
- 14 EXTEND AND CONNECT 4" WASTE TO EXISTING WASTE PIPE AS REQUIRED. VERIFY EXACT SIZE, LOCATION, DEPTH AND DIRECTION OF FLOW OF EXISTING WASTE PIPE PRIOR TO INSTALLATION OF ANY PIPING.
- 15 EXTEND AND CONNECT 3/4" CW & HW TO EXISTING PIPE AS REQUIRED. VERIFY EXACT SIZE AND LOCATION OF EXISTING CW PIPE PRIOR TO INSTALLATION OF ANY PIPING.
- 16 EXTEND AND CONNECT 2" VENT TO EXISTING VENT PIPE AS REQUIRED. VERIFY EXACT SIZE AND LOCATION OF EXISTING VENT PIPE PRIOR TO INSTALLATION OF ANY PIPING.

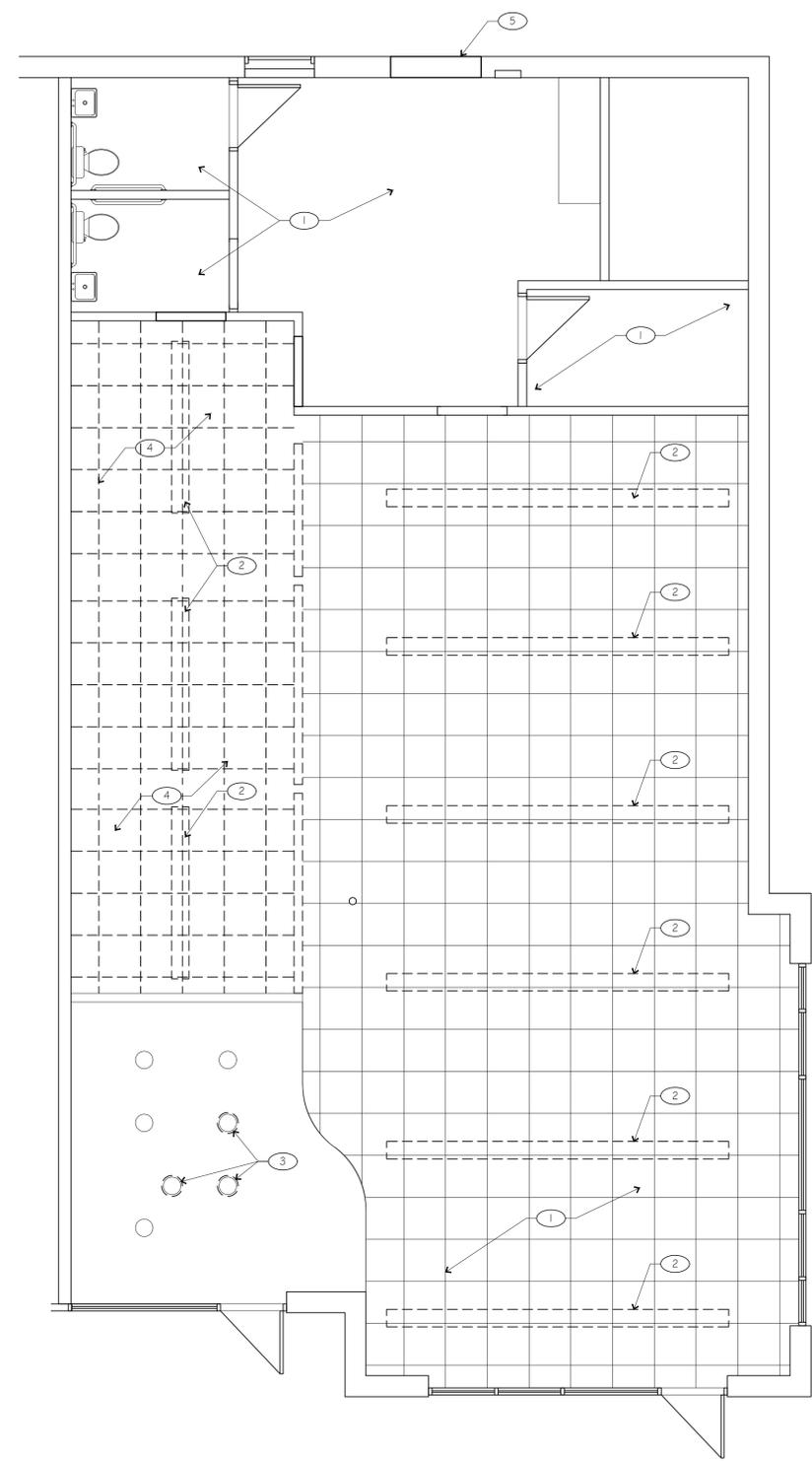
FLOOR PLAN
 SCALE: 3/8" = 1'-0"

REMODELING NOTES:

- MAINTAIN EXISTING EXITS, EXIT ACCESS AND PROVIDE APPROPRIATE FIRE PREVENTION PROCEDURES DURING CONSTRUCTION.
- PROTECT EXISTING CONSTRUCTION FROM DAMAGE AND REPAIR DAMAGE DUE TO CONSTRUCTION OPERATIONS AT NO COST TO OWNER.
- VERIFY LOCATIONS OF EXISTING UTILITY SERVICE CONNECTIONS AND MAKE ALL CONNECTIONS REQUIRED. LOCATIONS OF EXISTING UTILITIES INDICATED IN THE DRAWINGS ARE APPROXIMATE, ARE BASED ON INFORMATION PROVIDED. PROVIDE CONNECTIONS AS REQUIRED BY ACTUAL UTILITY CONNECTION POINTS AT NO ADDITIONAL COST TO THE OWNER.
- PROVIDE ALL CUTTING AND PATCHING OF EXISTING CONSTRUCTION TO ACCOMMODATE NEW CONSTRUCTION WORK
- ALIGN NEW FINISHES WITH EXISTING FINISHES EXCEPT AS OTHERWISE INDICATED.
- PATCH ALL EXISTING WALL PENETRATIONS AND REFINISH TO MATCH ADJACENT SURFACES TYPICALLY.
- PHASE CONSTRUCTION AT PARKING AREAS SO THAT ADEQUATE PARKING WILL BE AVAILABLE AT ALL TIMES.
- REFER TO OTHER SHEETS IN THIS SET FOR ADDITIONAL DEMOLITION REQUIREMENTS, WHICH SHALL BE BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE.
- REMOVE UNUSED UTILITIES NOT REUSED, CAPPED BELOW FINAL FINISH SURFACES.
- REMOVE ALL EXISTING ELEMENTS WHICH CONFLICT WITH THE NEW WORK, WHETHER OR NOT SHOWN ON THE DRAWINGS.
- DEMOLITION PLAN SHOWS APPROXIMATE LAYOUT OF EXISTING BUILDING AND IS NOT INTENDED TO REPRESENT "AS-BUILT" CONDITIONS. VISIT SITE AND OTHERWISE BECOME FAMILIAR WITH ACTUAL CONDITIONS WHEN BIDDING THE WORK
- WALLS, PARTITIONS, DOORS, FRAMES, AND OTHER ITEMS TO BE REMOVED ARE SHOWN DASHED. SERVICES WITHIN WALLS AND PARTITIONS SHALL ALSO BE REMOVED. EDGES OF WALLS SHOWN TO REMAIN SHALL BE CLEANLY CUT TO ACCEPT NEW CONSTRUCTION. REPAIR AND PATCH EXISTING WALLS SHOWN TO REMAIN WHERE INTERSECTING WALLS, DOORS, FRAMES, ETC. ARE SHOWN TO BE REMOVED AND WHERE EXISTING CONSTRUCTION WILL NOW BE EXPOSED IN THE NEW CONSTRUCTION.
- PROVIDE TEMPORARY WEATHER PROTECTION AND SECURITY DEVICES DURING INTERVAL BETWEEN DEMOLITION AND REMOVAL OF EXISTING CONSTRUCTION ON EXTERIOR SURFACES AND INSTALLATION OF NEW CONSTRUCTION TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO STRUCTURE OR INTERIOR AREAS OF EXISTING BUILDING



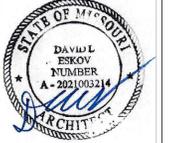
- RCP KEYNOTES**
- 1 NEW/SALVAGED CEILING GRID AND TILES TO MATCH EXISTING
 - 2 PAINT EXISTING GYP SOFFIT
 - 3 INSTALL NEW 2X2 LED LIGHTS, TIED INTO EXISTING LIGHTS J-BOX. TYP VERIFY EXACT LOCATIONS WITH EXISTING CONDITIONS



- DEMO RCP KEYNOTES**
- 1 EXISTING TO REMAIN, REPLACE DAMAGED AND STAINED CEILING TILES TO MATCH EXISTING. INCLUDE REMOVAL AND REPLACEMENT OF 10% OF THE EXISTING TILES
 - 2 REMOVE EXISTING HANGING STRIP LIGHTS, SALVAGE POWER AND J-BOX FOR REUSE
 - 3 REMOVE COLORED TRIM RING AROUND CAN LIGHT
 - 4 REMOVE EXISTING CEILING TILE & GRID, SALVAGE FOR REUSE IF COST EFFECTIVE
 - 5 RE-DOOR SCHEDULE FOR NEW MASONRY SUPPORT WHERE DOOR IS ENLARGED, REMOVE EXISTING AS REQUIRED TO INSTALL NEW DOOR



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To best of my professional knowledge, the facility as indicated is in compliance with the Americans with Disabilities Act, including the current ADA Title III Design Guidelines.
David Eskov

PERMIT
NOVEMBER 05, 2021

Revisions

RETAIL STORE TENANT INFILL
RETURN TO NATURE
56 NE SYCAMORE ST
LEE'S SUMMIT, MO 64086

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DATE SIGNED 11/05/2021
Project Number 21-1113.02
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PERMIT
NOVEMBER 05, 2021

Revisions

RETAIL STORE TENANT INFILL
RETURN TO NATURE
56 NE SYCAMORE ST
LEES SUMMIT, MO 64086

CONDUCTORS:
A. WIRES SHALL BE CONTINUOUS WITHOUT SPICES OR TAPS IN CONDUIT RUNS. ALL SPICES SHALL BE MADE IN JUNCTION, PULL, OR OUTLET BOXES. ALL WIRE SHALL BE INSTALLED IN CONDUIT, WIREWAYS, OR OTHER PROTECTIVE COVER SANCTIONED BY CODES.
B. CONDUCTORS FOR LIGHTING AND POWER SHALL BE COPPER, MINIMUM NO. 12 A.W.G., 600 VOLT.
C. NO. 10 GAUGE AND SMALLER CONDUCTORS SHALL BE TYPE THWN (WET LOCATIONS) OR THHN (DRY LOCATIONS), SOLID CONDUCTOR, UNLESS OTHERWISE INDICATED.
D. NO. 8 GAUGE AND LARGER CONDUCTORS SHALL BE TYPE THWN (WET LOCATIONS) OR THHN (DRY LOCATIONS), STRANDED, UNLESS OTHERWISE INDICATED.
E. SERVICE ENTRANCE AND PANEL FEEDER CONDUCTORS, NO. 3 GAUGE AND LARGER SHALL BE TYPE XHHW-2 (WET LOCATIONS) OR THHN (DRY LOCATIONS), STRANDED COPPER, UNLESS OTHERWISE INDICATED.

WIRING DEVICES:
A. WALL SWITCHES SHALL BE SPECIFICATION GRADE, QUIET TYPE, FLUSH TOGGLE SWITCH, RATED FOR 20 AMPS, WITH THERMOPLASTIC COVER PLATES.
1) SINGLE POLE: HUBBELL #C51221-X, OR EQUAL.
2) THREE WAY: HUBBELL #C51223-X, OR EQUAL.
B. RECEPTACLES SHALL BE SPECIFICATION GRADE, DUPLEX, GROUNDING, THREE-WIRE TYPE, RATED FOR 20 AMPS, WITH THERMOPLASTIC COVER PLATES. HUBBELL #CR5352-X, OR EQUAL.
C. GROUND FAULT INTERRUPTER RECEPTACLES (GFI) SHALL BE HUBBELL #GF20-XL. DEVICE COVER PLATES SHALL BE AS HEREINBEFORE SPECIFIED.
D. ISOLATED GROUND RECEPTACLES (IG) SHALL BE HUBBELL #CR5352IG, ORANGE COLOR. DEVICE COVER PLATES SHALL BE AS HEREINBEFORE SPECIFIED.
E. RECEPTACLES OUTSIDE BUILDING AND WHERE NOTED AS WEATHERPROOF, SHALL BE LISTED WEATHERRESISTANT HUBBELL #GFTR20-X OR EQUAL AND SHALL BE INSTALLED IN A WEATHERPROOF ENCLOSURE WHICH SHALL BE INTERMATIC #WP1010MXD OR #WP1010HXD DIECAST METAL WEATHERPROOF RECEPTACLE COVER SHALL BE WEATHER PROOF RATED WHILE IN USE.

BOXES:
HOT DIPPED GALVANIZED STEEL BOXES. PROVIDE TYPE TO SUIT CONDITIONS FOR INSTALLATION. ALL BOXES SHALL BE FLUSH MOUNTED, UNLESS INDICATED OTHERWISE.
PANELBOARDS:

DISCONNECTS:
DISCONNECTS SHALL BE EXTERNALLY OPERATED, QUICK-MAKE, QUICK-BREAK, SAFETY, WITH PROVISIONS FOR PAD LOCKING. FUSED AND NON-FUSED DISCONNECT SWITCHES SHALL BE PROVIDED AS INDICATED. INDOOR SWITCHES SHALL BE NEMA 1 AND OUTDOOR SWITCHES SHALL BE NEMA 3R, UNLESS INDICATED OTHERWISE.

FUSES:
FUSES PROTECTING CIRCUIT BREAKER PANELS SHALL BE CURRENT LIMITING U.L. CLASS RK-1 FUSES WITH 200,000 AMPERES RMS SYM INTERRUPTING CAPACITY. FUSING ELEMENTS SHALL BE SILVER FOR RATINGS ABOVE 60 AMPERES.
ALL OTHER FUSES SHALL BE U.L. CLASS RK-5, DUAL-ELEMENT WITH A MINIMUM TIME-DELAY OF 10 SECONDS AT 500% RATING. FUSES SHALL HAVE CURRENT-LIMITING SHORT-CIRCUIT LINKS AND 200,000 AMPERES RMS SYM INTERRUPTING CAPACITY. FUSING ELEMENTS SHALL BE COPPER.

LIGHT FIXTURES:
WHERE LIGHT FIXTURES ARE MOUNTED IN A LAY-IN CEILING, PROVIDE A MINIMUM OF 2 SUPPORT WIRES ATTACHED DIRECTLY BETWEEN EACH LIGHT FIXTURE AND THE BUILDING STRUCTURE. SUPPORT WIRES SHALL BE A MINIMUM OF 12 GAUGE GALVANIZED STEEL WIRE, SOFT ANNEALED.
FIXTURES ARE REQUIRED AT ALL LIGHTING OUTLETS SHOWN ON THE DRAWINGS. APPROVED LIGHTING FIXTURE WIRE IS REQUIRED IN ALL FIXTURES AND FIXTURE RACEWAYS. WEATHERPROOF WIRING IS REQUIRED FOR EXTERIOR FIXTURES. ALL PARTS OF FIXTURES AND WIRING SHALL BE IN ACCORDANCE WITH NEC REQUIREMENTS.
ALL FIXTURES SHALL CARRY UL AND ETL LABELS.

SLEEVES:
PROVIDE, SET, AND PROPERLY LOCATE PIPE SLEEVES AS REQUIRED FOR THIS WORK.
INTERIOR PARTITIONS: 16 GAGE GALVANIZED STEEL, PACK BETWEEN CONDUIT AND SLEEVE WITH FIRE SAFING AND CAULK AT EACH END WITH FIRE RESISTANT SEALANT.
ROOF: PROSET OR EQUAL, MANUFACTURED PVC SCHEDULE 40 PIPE SLEEVE WITH WEATHERPROOF SEAL. COORDINATE WITH ROOFING CONTRACTOR AND FLASH AS REQUIRED TO MAINTAIN ROOF WARRANTY.

GROUNDING:
GROUND ALL ELECTRICAL APPARATUS IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) 250, AND ANY LOCAL REQUIREMENTS. INSURE CONTINUOUS BOND WHERE FLEXIBLE CONDUIT IS USED. PROVIDE BONDING JUMPER INSIDE ALL FLEXIBLE CONDUIT.
MC CABLE SHALL CONSIST OF INTERLOCK ARMORED CABLE MADE OF THREE OR FOUR TYPE THHN SOLID (#8 AWG AND LARGER MAY BE STRANDED) COPPER CONDUCTORS RATED 90°C AT 600 VOLTS, 90 DEG. C FOR DRY LOCATIONS AND 75 DEG. C FOR WET LOCATIONS. ARMORED WITH SPIRALLY WRAPPED INTERLOCKED ARMOR OF ALUMINUM OR GALVANIZED CABLES SHALL BE TESTED IN ACCORDANCE WITH UL STANDARD 1569 FOR TYPE MC CABLE AND RATED CONDUCTOR, SUITABLE FILLERS, AND WRAPPED IN BINDER TAPE. THE ASSEMBLY SHALL BE STEEL.
THE THREE CONDUCTORS SHALL BE TWISTED TOGETHER WITH THE COPPER GROUNDING

MC CABLE:
MC CABLE SHALL CONSIST OF INTERLOCK ARMORED CABLE MADE OF THREE OR FOUR TYPE THHN SOLID (#8 AWG AND LARGER MAY BE STRANDED) COPPER CONDUCTORS RATED 90°C FOR DRY LOCATIONS, WITH NYLON OR EQUIVALENT UL LISTED JACKET, PER UL STANDARD 83. THE THREE CONDUCTORS SHALL BE TWISTED TOGETHER WITH THE COPPER GROUNDING CONDUCTOR, SUITABLE FILLERS, AND WRAPPED IN BINDER TAPE. THE ASSEMBLY SHALL BE ARMORED WITH SPIRALLY WRAPPED INTERLOCKED ARMOR OF ALUMINUM OR GALVANIZED STEEL

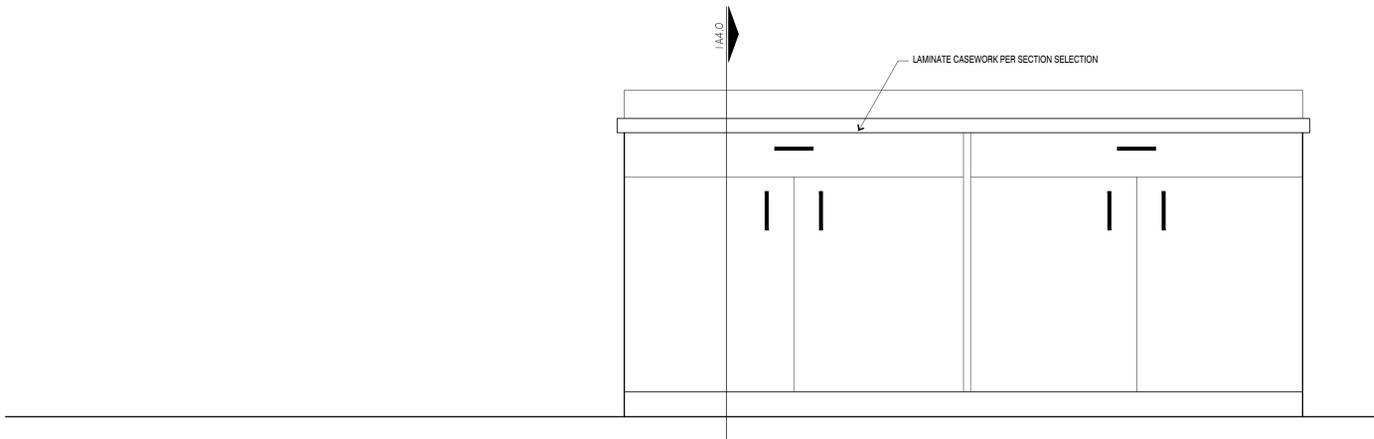
PLUMBING:
A. PROVIDE AN APPROVED WATER HAMMER ARRESTOR FOR EACH PLUMBING FIXTURE SUPPLY AS REQUIRED BY FIXTURE MANUFACTURER.
B. ALL EXPOSED WASTE PIPE SHALL BE CHROME PLATED BRASS PIPE, NO FERROUS PIPE.
C. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES AND TRAPS.
D. PROVIDE DIELECTRIC UNIONS WITH APPROPRIATE END CONNECTIONS TO MATCH THE PIPE SYSTEM IN WHICH INSTALLED (SCREWED, SOLDERED, OR FLANGED).
E. ALL SEWER PIPING LOCATED INSIDE THE BUILDING SHALL BE INSTALLED WITH THE FOLLOWING SLOPES.
1) INSTALL 2-1/2" AND SMALLER PIPE AT 1/4" PER FOOT FALL.
2) INSTALL 3" AND LARGER PIPE AT 1/8" PER FOOT FALL.

PIPING:
A. DOMESTIC COLD, HOT, AND HOT WATER RECIRCULATING (ABOVEGROUND).
1) TYPE L HARD DRAWN COPPER TUBING, ASTM B-88.
a) WROUGHT COPPER SOLDERED FITTINGS, ASTM B75 ALLOY C12200, ANSI B16.22, MSS SP-104.
b) MECHANICAL PRESS COPPER FITTINGS FOR USE IN PLUMBING OR MECHANICAL APPLICATIONS. ASME B16.22, ASME B16.51, OR ASME B16.18. MECHANICAL PRESS COPPER FITTINGS SHALL CONFORM TO IAPMO PS-117 OR ASME B16.51.
2) PEX, HIGH-DENSITY CROSS-LINKED POLYETHYLENE TUBING SHALL BE MANUFACTURED TO THE REQUIREMENTS OF ASTM F876 AND MEET THE STANDARD GRADE HYDROSTATIC PRESSURE RATINGS FROM PLASTIC PIPE INSTITUTE IN ACCORDANCE WITH TR-403.
a) PEX-A AND PEX-B MEETING ANSISF81 AND ANSISF372 STANDARDS FOR POTABLE WATER SAFETY AND LEAD-FREE STANDARDS AND MUST BE MARKED WITH "PW-G", "NSF-61-G" OR OTHER NSF-APPROVED MARKING. ASTM F2023 FOR USE WITH CHLORINATED WATER.
b) PEX MECHANICAL, CRIMP/INSERT OR EXPANSION FITTINGS INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. PIPE SIZES GIVEN ON THE DRAWINGS ARE NOMINAL COPPER PIPE SIZE. INCREASE PEX PIPING SIZE TO EQUAL OR EXCEED COPPER PIPE INSIDE DIAMETER FOR SUPPLY MAINS.

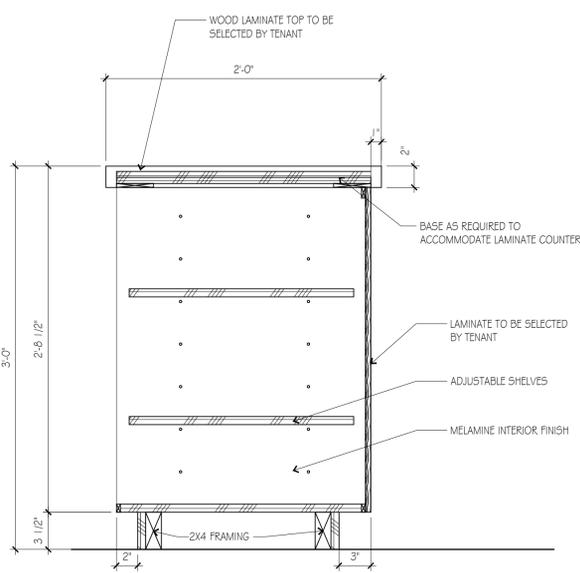
VALVES:
a) TO BE INSTALLED ON THE FIXTURE SUPPLY TO EACH PLUMBING FIXTURE.
b) TO BE INSTALLED ON THE WATER SUPPLY SIDE TO EACH APPLIANCE OR MECHANICAL EQUIPMENT.
c) TYPES:
1. GATE VALVE: JOMAR T/S-301G OR EQUAL LEAD-FREE NSF 61, ANSI B1.20.1.
2. GLOBE VALVE: JOMAR TGG OR EQUAL.
3. BALL VALVE: JOMAR JP100XP OR EQUAL COMPACT LEAD FREE BRASS BALL VALVE. UL842, CSA 3371-12 & 3371-92, FM.
4. BALL VALVE: JOMAR T-100NE OR EQUAL. UL842, FM, CSA, NSF 61-8, MSS SP-110

REMODELING WORK:
A. DEMOLITION: DISCONNECT, DEMOLISH AND REMOVE ABANDONED ELECTRICAL MATERIALS AND EQUIPMENT INDICATED TO BE REMOVED AND NOT INDICATED TO BE SALVAGED OR REMAIN.
B. EQUIPMENT TO BE SALVAGED:
1) DISCONNECT AND REMOVE EXISTING ELECTRICAL EQUIPMENT INDICATED TO BE REMOVED AND SALVAGED. DELIVER EQUIPMENT TO THE LOCATION DESIGNATED BY THE OWNER FOR STORAGE. ALL MATERIALS AND EQUIPMENT DESIGNATED TO BE REUSED OR RELOCATED SHALL BE CAREFULLY REMOVED, AND STORED UNTIL NEEDED FOR REMODELING WORK. ALL ITEMS SHALL BE RESTORED TO "LIKE NEW" CONDITION WITH RUST OR CORROSION REMOVED, SURFACE PAINT TOUCHED UP OR REPAINTED AS REQUIRED TO MATCH NEW CONSTRUCTION, AND THOROUGHLY CLEANED AND INSPECTED. ANY ITEMS WHICH BECOME DAMAGED BEYOND REPAIR AS A RESULT OF CONSTRUCTION OR DEMOLITION ACTIVITY SHALL BE REPLACED WITH NEW MATERIAL EQUIVALENT IN EVERY RESPECT.
2) DISPOSAL AND CLEANUP: REMOVE FROM THE SITE AND LEGALLY DISPOSE OF DEMOLISHED MATERIALS AND EQUIPMENT NOT INDICATED TO BE SALVAGED.
C. PROTECT ADJACENT MATERIALS INDICATED TO REMAIN. INSTALL AND MAINTAIN DUST AND NOISE BARRIERS TO KEEP DIRT, DUST, AND NOISE FROM BEING TRANSMITTED TO ADJACENT AREAS. REMOVE PROTECTION AND BARRIERS AFTER REMODELING OPERATIONS ARE COMPLETE.
D. PROVIDE ALL ALTERATIONS AND REWORK INDICATED AND/OR REQUIRED FOR THE PROPER INSTALLATION AND OPERATION OF ALL EXISTING ELECTRICAL SYSTEMS, INTEGRATING THE NEW AND EXISTING AREAS. LOCATE, IDENTIFY, AND PROTECT ELECTRICAL SERVICES PASSING THROUGH REMODELING AREA AND SERVING OTHER AREAS OUTSIDE THE REMODELING LIMITS. MAINTAIN SERVICES TO AREAS OUTSIDE REMODELING LIMITS. WHEN SERVICES MUST BE INTERRUPTED, INSTALL TEMPORARY SERVICES FOR AFFECTED AREAS.
E. ABANDONED CONDUIT SHALL HAVE WIRE REMOVED AND SHALL BE CAPPED. ABANDONED OUTLETS IN WALLS OR PARTITIONS SHALL HAVE DEVICES AND WIRE REMOVED, AND SHALL BE COVERED.

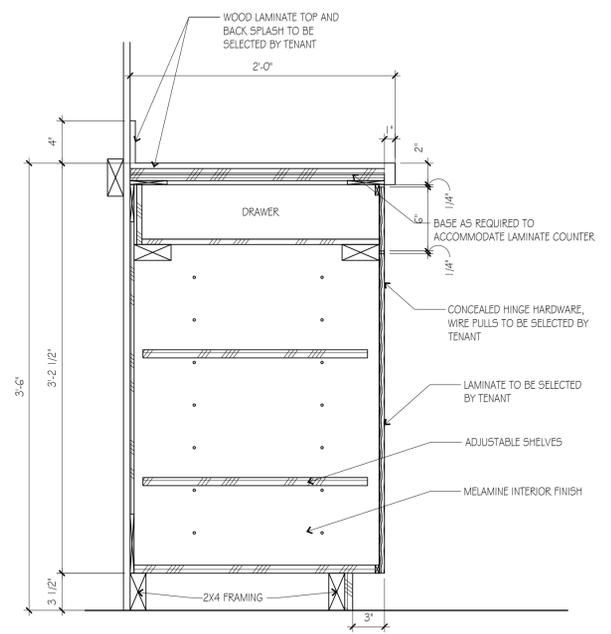
1) WHERE EXISTING CONDUITS TERMINATE AT AN EXISTING OUTLET IN A WALL, CEILING, OR FLOOR TO BE REMOVED, DISCONNECT AND REMOVE DEVICE AND WIRE FROM CONDUIT. CONDUIT SHALL BE CUT BACK AND CAPPED (BELOW THE FLOOR OR ABOVE THE CEILING) SO NOT TO CREATE AN OBSTRUCTION. PATCH FLOOR TO MATCH EXISTING.
2) WHERE EXISTING CIRCUITS EXTEND BEYOND THE OUTLET IN THE EXISTING WALL, CEILING, OR FLOOR TO BE REMOVED, FURNISH AND INSTALL NEW CONDUIT AND WIRE TO EITHER REROUTE THE CIRCUIT OR FEED THE REMAINING OUTLET(S) FROM ANOTHER ELECTRICAL SOURCE, BUT IN SUCH A MANNER AS NOT TO REVISE THE CIRCUIT. ALL REROUTED CONDUIT SHALL BE APPROVED BY THE ARCHITECT.
3) LOCATION, EXISTING WIRING DEVICES SHALL NOT BE REUSED, UNLESS OTHERWISE INDICATED. EXISTING WIRE SHALL BE DISCONNECTED AND REMOVED WHEREVER EXISTING CIRCUITS ARE POSSIBLE, EXCEPT WHERE OTHERWISE INDICATED.
4) CONDUIT SHALL BE CONCEALED WITHIN THE EXISTING BUILDING CONSTRUCTION WHEREVER CONSTRUCTION TO MAINTAIN CONTINUITY OF CIRCUITS UNLESS OTHERWISE INDICATED. CEILING OR FLOOR TO BE REMOVED, THEY SHALL BE REROUTED IN EITHER NEW OR EXISTING WHERE EXISTING CONDUIT AND WIRE RUNS ARE LOCATED IN OR ATTACHED TO AN EXISTING WALL, REQUEST THE OWNER TO ARRANGE WITH THE TELEPHONE COMPANY FOR NEW WIRING TO OUTLETS THAT FLOOR TO BE REMOVED, PROVIDE NECESSARY EMPTY CONDUIT AND NOTIFY THE OWNER WHO WILL WHERE A TELEPHONE CIRCUIT EXTENDS BEYOND AN OUTLET IN AN EXISTING WALL, CEILING, OR EXISTING CONDUIT (IF APPLICABLE) FOR THE NEW LIGHTING. ALL UNUSED CONDUIT SHALL BE WHERE LIGHTING FIXTURES ARE INDICATED TO BE DEMOLISHED, REMOVE ALL WIRE AND MODIFY THE ABANDONED.



CASEWORK ELEVATION 3
SCALE: 1" = 1'-0"



CASEWORK SECTION 2
SCALE: 1 1/2" = 1'-0"



CASEWORK SECTION 1
SCALE: 1 1/2" = 1'-0"