

REFLECTED CEILING PLAN LEGEND

GENERAL INFORMATION

CEILING TAG → → CEILING TYPE (SEE CEILING SCHEDULE)

CEILING TAG → → CEILING HEIGHT

LIGHTING

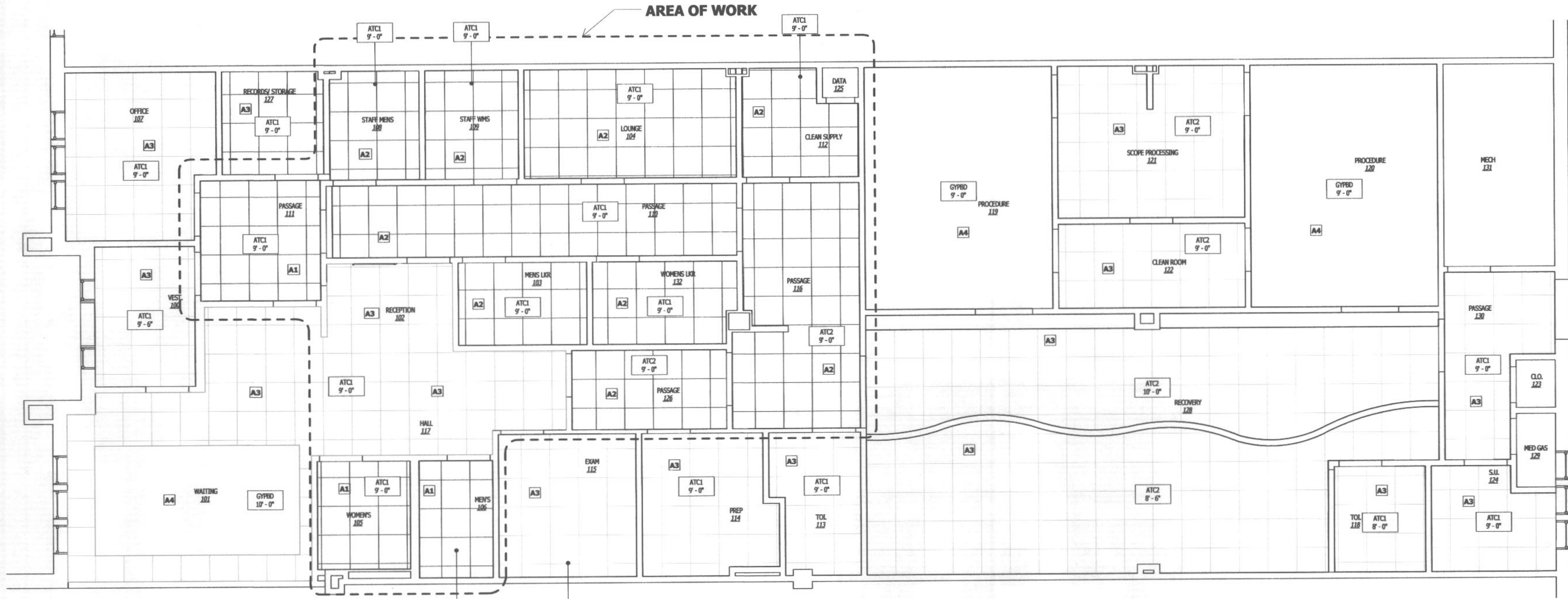
- 6" RECESSED DOWNLIGHT
- SUSPENDED PENDANT LIGHT FIXTURE
- RECESSED LINEAR LIGHT FIXTURE
- VANITY LIGHT FIXTURE
- WALL MOUNT STRIP LIGHT FIXTURE
- SUSPENDED LINEAR LIGHT FIXTURE
- 2x2 RECESSED LIGHT FIXTURE
- 2x4 RECESSED LIGHT FIXTURE

RCP KEYED NOTES

- A1** MODIFY EXISTING RCP FOR NEW ROOM LAYOUT
- A2** NEW ATC CEILING TO MATCH EXISTING
- A3** EXISTING ATC TO REMAIN
- A4** EXISTING GYPSUM BOARD TO REMAIN

Ceiling Schedule

Type Mark	Description	FINISH	Manufacturer	Model
ATC1	24x24x5/8 ACOUSTICAL TILE CEILING	FACTORY	ARMSTRONG	578
ATC2	DURABLE/WASHABLE SOIL RESISTANT	FACTORY	ARMSTRONG	868
GYBD	GYP BOARD CEILING	EGGSHELL PAINT		



1 1ST FLOOR NEW REFLECTED CEILING PLAN
 1/4" = 1'-0"

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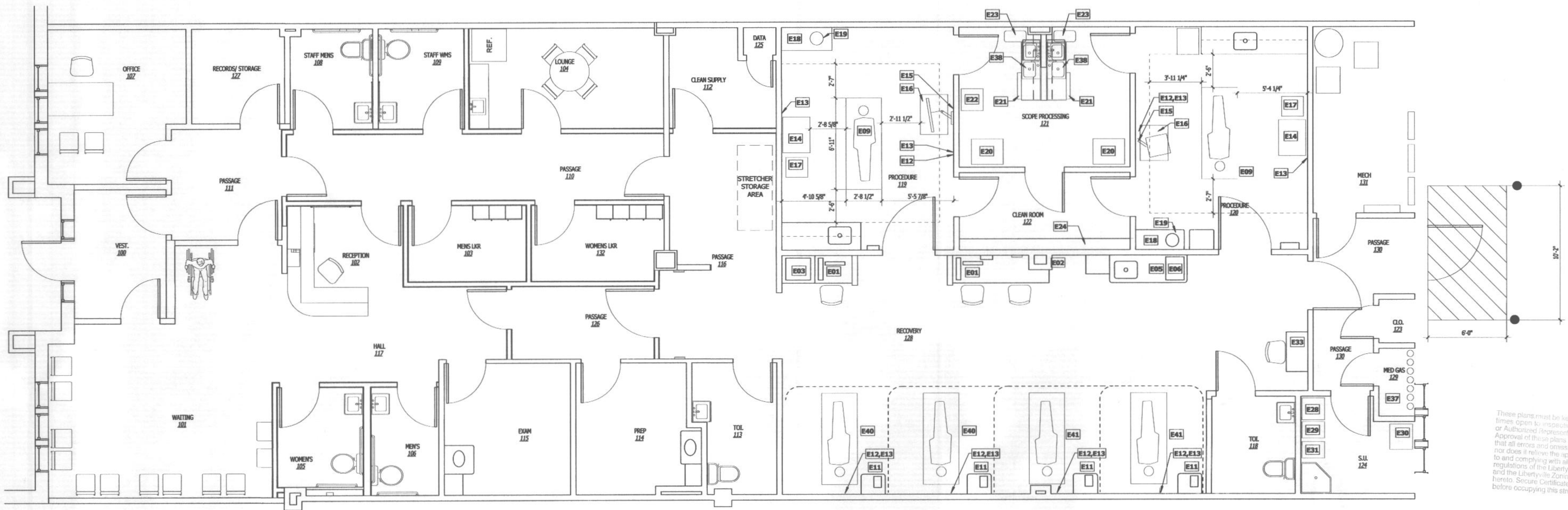
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Revision	Mark	Date	Description

WINCHESTER SURGICAL TREATMENT CENTER MODIFICATIONS
 1870 W. WINCHESTER RD STE 146, LIBERTYVILLE, IL 60048
A104
 REFLECTED CEILING PLAN

These plans must be kept on file for a minimum of five years after the date of completion of the project. Approval of these plans is not a warranty or endorsement by the Architectural Firm. The Architectural Firm shall not be held responsible for the accuracy of the information provided herein. The Architectural Firm shall not be held responsible for the accuracy of the information provided herein. The Architectural Firm shall not be held responsible for the accuracy of the information provided herein.

EQUIPMENT SCHEDULE	
TAG	DESCRIPTION
E01	CPU W/ MONITOR
E02	FAX SCANNER COPIER PRINTER
E03	PRINTER - RECOVERY
E04	LABEL PRINTER
E05	UNDERCOUNTER REFRIGERATOR
E06	CRASH CART
E07	ADJUSTABLE HEIGHT RECLING PATIENT CHAIR
E08	PATIENT EXAM CHAIR
E09	PATIENT CART
E10	STANDARD PATIENT EXAM TABLE
E11	RECOVERY MONITOR, PULSE, OX, EKG
E12	OXYGEN OUTLET
E13	VACUUM OUTLET
E14	EQUIPMENT CART
E15	WALL MONITOR
E16	ANESTHESIA MED CART
E17	CAUTERY EQUIPMENT ON CART
E18	CLEAN GOWIN CABINET
E19	SOILED GOWIN CABINET
E20	MEDIVATORS DUAL BASIN AER
E21	SOLUTION BIN
E22	BIOHAZARD WASTE CONTAINER
E23	TRASH CONTAINER
E24	ENDOSCOPIC INSTRUMENT CABINET
E25	MICROWAVE
E26	COFFEEMAKER
E27	DISHWASHER
E28	LARGE BIOHAZARD WASTE BIN
E29	LARGE DIRTY LINEN BIN
E30	LARGE RECYCLE BIN
E31	LARGE TRASH BIN
E32	SPECIMEN LOCK BOX
E33	WHEELCHAIR
E34	WALL PHONE
E35	IV POLE
E36	UNDERCOUNTER REFRIGERATOR
E37	VACUUM AND O2 MANIFOLD AND CYLINDERS
E38	DOUBLE BOWL SINK
E39	SINGLE SINK
E40	STAGE 2 RECOVERY STRETCHER
E41	STAGE 1 RECOVERY STRETCHER



1 1ST FLOOR EQUIPMENT PLAN
A106 1/4" = 1'-0"

These plans must be kept on file and open to inspection by the City of Libertyville or Authorized Representative. The approval of these plans is not a guarantee that all errors and omissions are corrected and compliance with all requirements of the Libertyville Building Code and the Libertyville Zoning Code is hereby secured. Secure Certificate of Occupancy before occupying this structure.

WINCHESTER SURGICAL TREATMENT CENTER MODIFICATIONS
 1870 W. WINCHESTER RD STE 146, LIBERTYVILLE, IL, 60048
A106
EQUIPMENT PLAN

PERMIT SET
 Revisions: _____
 Date: _____
 Description: _____

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GENERAL ELECTRICAL NOTES

1. CODE & DESIGN COMPLIANCE: SEE COVER SHEET. IN ADDITION, SHALL COMPLY WITH ARTICLE 517 OF NFPA 70.
2. ADDITIONAL CODES: SEE COVER SHEET
3. SCOPE: DRAWINGS REPRESENT THE SCOPE OF WORK TO BE PERFORMED AND ARE DIAGRAMMATIC ONLY. CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE, AND WORKING SYSTEM AS INDICATED ON THE DRAWINGS. ONLY "SCOPE OF WORK" CHANGES AND "UNFORESEEN CONDITIONS" WILL BE ACCEPTED AS "CHANGE ORDERS"
4. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, GOVERNMENTAL FEES, TAXES AND LICENSES NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE ELECTRICAL WORK.
5. ALL MATERIAL, EQUIPMENT, WIRING DEVICES, ETC. SHALL BE NEW.
6. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY MATERIALS OR APPARATUS BELIEVED TO BE INADEQUATE, UNSUITABLE, VIOLATION OF LAWS, ORDINANCES, RULES OR REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
7. MANUALS: PROVIDE SERVICE AND INSTALLATION MANUALS FOR ALL COMPONENTS ADDRESSED IN THIS SET OF DRAWINGS - 3 SETS - IN BINDER BY CSI DIVISION FORMAT.
8. SUBMITTALS: 3 SETS REQUIRED FOR ALL EQUIPMENT AND TERMINATION DEVICES.
9. FINAL CLEANING: ALL NEW AND EXISTING PANEL BOARDS TO BE VACUUMED AT COMPLETION OF WORK TO REMOVE ANY CONSTRUCTION DEBRIS
10. SERVICE CLEARANCES: MAINTAIN ALL SERVICE CLEARANCES AS DEFINED BY THE NEC - CURRENT EDITION
11. EXISTING CONDITIONS: CONTRACTOR TO INSPECT CONDITIONS AFTER DEMOLITION WORK IS COMPLETE AND NOTIFY ARCHITECT OF ANY INADEQUATE WORK WHICH WOULD BE CONSIDERED A "CODE VIOLATION" PRIOR TO COMMENCING NEW WORK.
12. DUPLEX OUTLETS: LEVITON TYPE 8300-SGW & 8300-SGR
- 20AMP 120V NEMA 5-20R, 3 WIRE, EXTRA HEAVY DUTY HOSPITAL GRADE SELF GROUNDING OUTLET UNLESS NOTED OTHERWISE.
- PROVIDE SINGLE QUADPLEX 302 STAINLESS STEEL WALLPLATE, TYP
- INDEPENDENT GROUNDING CONDUCTOR: PROVIDE 12 GA. GREEN INSULATED COPPER GROUNDING CONDUCTOR AS INDICATED PER PLANS.
- PROVIDE 100% RATED NEUTRAL, TYP.
- GFI OUTLETS: REQUIRED WITHIN 6 FT. OF ANY WATER SOURCE, 20AMP HOSPITAL GRADE LEVITON #X7892-HGS, WHITE
- SERVICE DISCONNECT: PROVIDE FOR ALL SERVICEABLE COMPONENTS NOT WITHIN CLEAR VISIBLE LINE OF SITE OF ELECTRICAL PANEL - NON FUSIBLE - 125% RATING OF EQUIPMENT
- SERVICE 120V OUTLETS: PROVIDE EXTERIOR GFI OUTLETS FOR ALL RTUS AND ERVS LOCATED ON THE ROOF FOR SERVICE AND MAINTENANCE PER PLANS. LEVITON MODEL# WR899-W WITH LEVITON MODEL #4979-W WEATHER RESISTANT COVER.
- PANEL LABELING: PLASTIC W/ ETCHED LETTERING - 1/2" - PERMANENTLY AFFIXED - POP RIVET
- CIRCUIT LABELING: TYPED ON CARDS PROVIDED W/ PANEL BOARD - CLEARLY LABELED IDENTIFYING LOCATION AND DEVICES SERVICED. AVAILABLE FAULT FROM UTILITY'S XMR. SHALL OBTAINED FROM COMED. CONTRACTOR SHALL CONFIRM THIS VALUE PRIOR TO PURCHASING OF ELECTRICAL EQUIPMENT AND BEFORE THE ARC FLASH STUDY IS STARTED.
- PROVIDE FULLY RATED HORIZONTAL/VERTICAL BUS IN SWITCHBOARD. CONTRACTOR SHALL PROVIDE SHORT CIRCUIT AND COORDINATION STUDY AS FOLLOWS:
 - A. SUBMIT A COMPLETE DISTRIBUTION SYSTEM SHORT CIRCUIT AND COORDINATION STUDY PERFORMED BY AN INDEPENDENT PROFESSIONAL ENGINEER WITH MSCE
 - B. ENGINEER SHALL HAVE ANY CONFLICT OF INTEREST WITH THE MANUFACTURER OF THE EQUIPMENT, OR THE ELECTRICAL CONTRACTOR.
 - C. SHORT CIRCUIT STUDY SHALL INCLUDE FAULT CURRENTS AT ALL POINTS, ALL INPUT AND OUTPUT DATA. PROVIDE RECOMMENDATIONS FOR ANY DISTRIBUTION DEVICE CHANGES BASED ON THE WITHSTAND AND/OR INTERRUPTING CAPACITY OF THE DEVICE COMPARED TO THE AVAILABLE FAULT CURRENT.
 - D. COORDINATION STUDY SHALL UTILIZE TIME CURRENT CURVES ON LOG-LOG PAPER. PROVIDE RECOMMENDED SETTINGS OF ALL CIRCUIT BREAKERS AND SEPARATION OF RECOMMENDED SIZES OF FUSES TO MAINTAIN COMPLETE DEVICE CIRCUIT PROTECTION CHARACTERISTICS.
 - F. SERIES RATED AIC EQUIPMENT NOT ALLOWED, UNLESS NOTED OTHERWISE
- PROVIDE ARC FLASH STUDY AND LABELS, LABELS SHALL INDICATE PPE LEVEL REQUIRED
- PROVIDE GENERATOR ANNUNCIATOR AT NURSE STATION PER PLANS.
- AIC VALUES WITHIN BRACKETS ARE THE CALCULATED SHORT CIRCUIT AMPERES.
- ALL GROUNDS SHALL BE CONNECTED TO BUILDINGS GROUND BUS PER ELECTRICAL RISERS.
- ALL MATERIALS, AND EQUIPMENT SHALL BE ERCTED, INSTALLED, CONNECTED, CLEANED, ADJUSTED, TESTED, CONDITIONED, AND PLACED IN SERVICE IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND RECOMMENDATIONS.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ELECTRICAL EQUIPMENT.
- MINIMUM CONDUIT SIZE SHALL BE 3/4" FOR BRANCH CIRCUITS, OR GREATER IN ACCORDANCE WITH CONDUIT FILL REQUIREMENTS OF THE NEC.

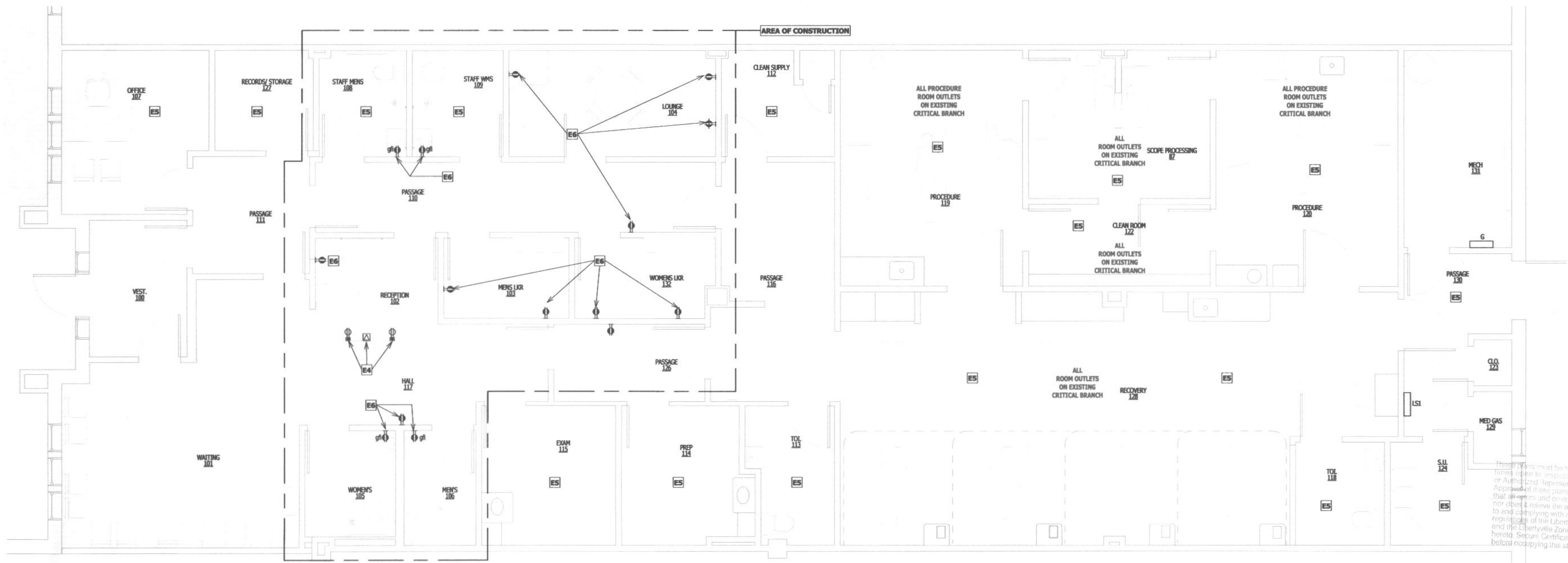
GENERATOR NOTES

- KEY NOTE:
1. ALL BOXES AND ENCLOSURES, INCLUDING TRANSFER SWITCHES, GENERATOR, TRANSFORMERS AND POWER PANELS FOR EMERGENCY CIRCUITS SHALL BE PERMANENTLY MARKED SO THEY WILL BE READILY IDENTIFIED AS A COMPONENT OF AN EMERGENCY CIRCUIT OR SYSTEM. THE LEGENDS FOR ALL THE BRANCH CIRCUIT AND FEEDER DISTRIBUTION PANELS SHALL BE MARKED TO IDENTIFY THE LOADS THEY SERVE. PERMANENT RED.
 2. EMERGENCY TRANSFER SWITCHES SHALL BE PROGRAMMED TO TRANSFER EMERGENCY LIGHTING (LIFE SAFETY) FIRST AND THEN ALL OTHER LOADS SHALL BE ENERGIZED.
 3. PROVIDE IDENTIFICATION LABEL AT GENERATOR SERVICE DISCONNECT TO READ: "EMERGENCY EES SYSTEM. IMPORTANT-DO NOT LEAVE IN THE OFF POSITION". N.E.C. 18-27-701.18

ELECTRICAL KEYED NOTES

NOTE: EX DENOTES EXISTING TO REMAIN, EBR DENOTES EXISTING TO BE RELOCATED

- E1 EXISTING SWITCHING TO REMAIN
- E2 CONNECT NEW FIXTURES TO EXISTING ADJACENT CIRCUITS OF REMOVED LIGHT FIXTURES, CONTRACTOR TO FIELD VERIFY CIRCUIT AMPERAGE DOES NOT EXCEED 80% OF EXISTING WIRING / BREAKER. TYP OF ALL
- E3 NEW HALOGEN WALL PACK EMERGENCY FIXTURES, CONNECT TO EXISTING LIFE SAFETY CIRCUIT. MATCH EXISTING WALL PACKS USED THROUGHOUT FACILITY
- E4 INTEGRATE ELECTRICAL FIXTURES INTO CASEWORK / DESK PER OWNERS REQUIREMENTS
- E5 EXISTING ELECTRICAL POWER DEVICES TO REMAIN
- E6 NEW 120V 20A RECEPTACLES, HOSPITAL GRADE CONNECT TO EXISTING ADJACENT CIRCUITS
- E7 EXISTING LIGHTING FIXTURES, CIRCUITS, SWITCHING TO REMAIN UNCHANGED.



1ST FL ELECTRICAL POWER PLAN
 3
 E102
 1/4" = 1'-0"

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WINCHESTER ENDOSCOPY AST- INTERIOR MODIFICATIONS
1870 W. WINCHESTER RD STE 146, LIBERTYVILLE, IL. 60048
E102
 1ST FLOOR ELECTRICAL POWER PLAN

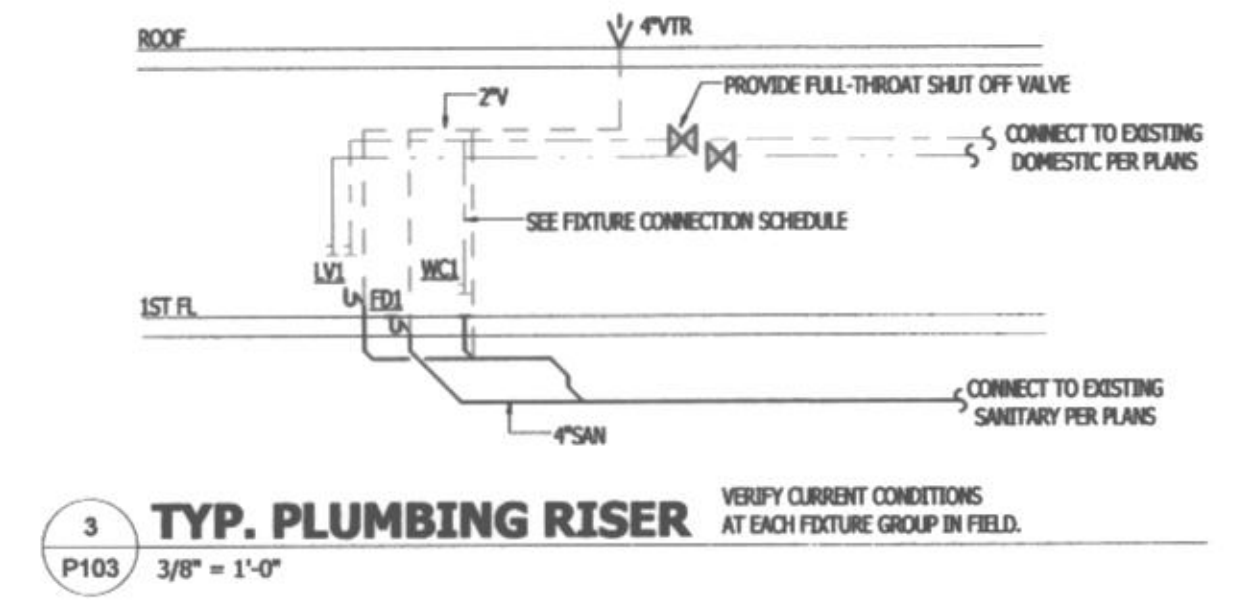
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 during construction. If they are
 removed, the contractor must
 obtain a copy from the architect
 before copying the structure.

GENERAL PLUMBING NOTES

1. CODE & DESIGN COMPLIANCE: ILLINOIS PLUMBING CODE - 1993 EDITION W/ ALL AMENDMENTS.
2. ADDITIONAL CODES: SEE COVER SHEET
3. SCOPE: DRAWINGS REPRESENT THE SCOPE OF WORK TO BE PERFORMED AND ARE DIAGNOSTIC ONLY. CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE AND WORKING SYSTEM AS INDICATED ON THE DRAWINGS. ONLY "SCOPE OF WORK" CHANGES AND "UNFORESEEN CONDITIONS" WILL BE ACCEPTED AS "CHANGE ORDERS"
4. MANUALS: PROVIDE SERVICE AND INSTALLATION MANUALS FOR ALL COMPONENTS ADDRESSED IN THIS SET OF DRAWINGS - 3 SETS - IN BINDER BY CSI DIVISION FORMAT.
5. DOMESTIC WATER PIPING BELOW GRADE: TYPE K COPPER
6. DOMESTIC WATER PIPING ABOVE GRADE: TYPE L COPPER
7. UNDERGROUND DRAINAGE PIPE: TYPE CAST IRON PIPE ASTM A 24
8. ABOVE GROUND VENT PIPE: TYPE L COPPER
- 8a. ABOVE GROUND WASTE PIPE: TYPE L COPPER
9. PROVIDE SEPARATE V & C INSULATION VALVES FOR EACH FIXTURE GROUP - FULL THROAT BALL VALVES
10. INSULATION ABOVE GRADE: 1/2" THICK #4 DENSITY, FIBERGLASS INSULATION - HOT, COLD AND RETURN - PIPE AND FITTINGS ONLY - NOT REQUIRED FOR VALVES AND SIMILAR COMPONENTS.
11. INSULATION BELOW GRADE: 1/2" THICK "ARMAFLEX"
12. EXPOSED PLUMBING WALL HUNG LINES: ADA COMPLIANT JACKETED FOAM PROTECTION FOR SANITARY AND DOMESTIC PIPING AND VALVES
13. COMPONENT INSTALLATION: PER MANUFACTURERS SPECIFIC INSTALLATION INSTRUCTIONS
14. INSPECTION & TESTING: PROVIDE DOCUMENTATION OF PRESSURE AND LEAK TESTING AND COMPLETE FLUSHING OF THE DOMESTIC WATER SYSTEM PER IPC.
15. PLUMBING SUBMITTALS: PROVIDE PRODUCT SPECIFICATION SHEETS FOR THE INSTALLATION OF ADDITIONAL COMPONENTS - 3 SETS
16. ASSEMBLY PENETRATIONS: TO BE SEALED WITH APPROVED UL THRU-PENETRATION FIRESTOP SYSTEMS* - PROVIDE UL SYSTEM NUMBER FOR EACH APPLICATION. SEE DRAWINGS FOR RATED ASSEMBLY LOCATIONS.
17. MANUALS: PROVIDE MANUALS FOR ALL PLUMBING COMPONENTS - PIPE AND FITTINGS EXCLUDED
- 18.

PLUMBING FIXTURE ROUGH-IN SCHEDULE

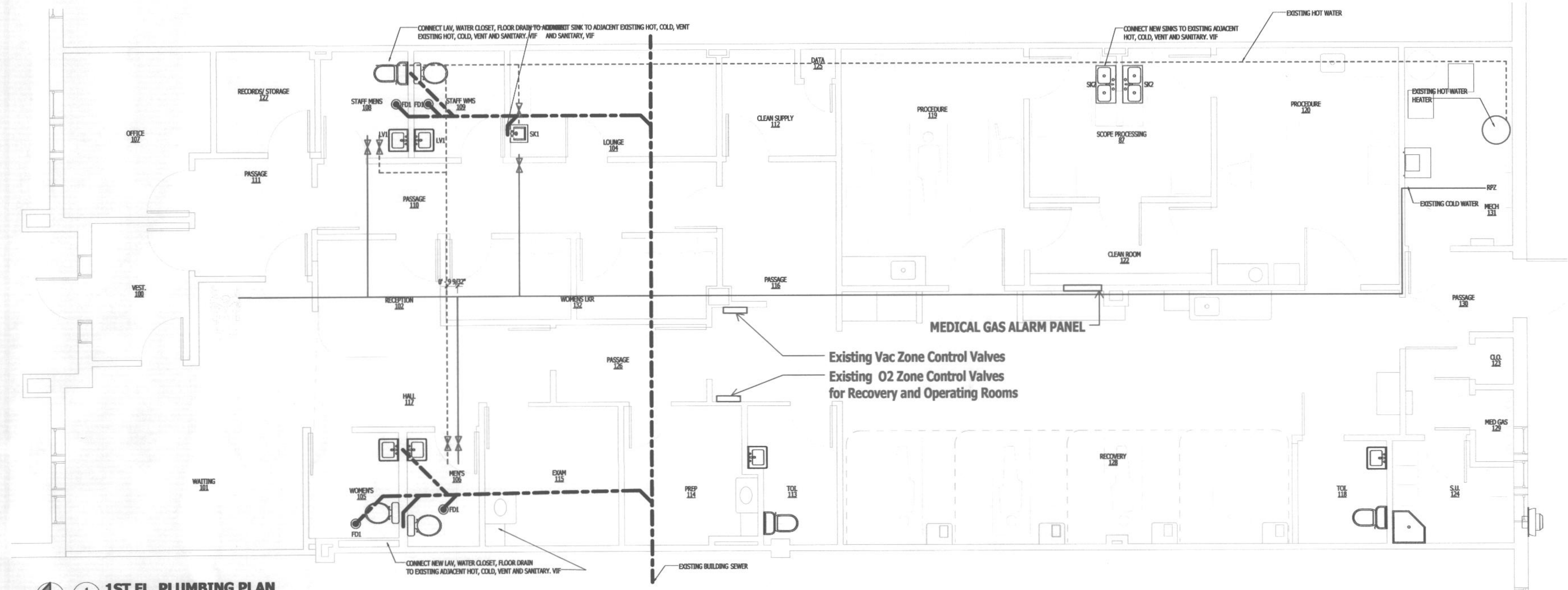
FIXTURE TYPE	TRAP	WASTE	VENT	AIR CHAMBER		INLET TO STOP		REMARKS
				CV	HW	CV	HW	
WC (F.V.)	-	4"	2"	1 1/4"	-	1"	-	
WC (F.T.)	-	4"	2"	3/4"	-	1/2"	-	
UR	-	2"	1 1/2"	1"	-	3/4"	-	
LV	1 1/4"	1 1/2"	1 1/2"	1/2"	1/2"	1/2"	1/2"	
SK	1 1/2"	2"	1 1/2"	3/4"	3/4"	1/2"	1/2"	
DW	1 1/2"	1 1/2"	1 1/2"	-	3/4"	-	1/2"	
DF	1 1/4"	1 1/2"	1 1/2"	1/2"	-	1/2"	-	
MB	2"	2"	1 1/2"	3/4"	3/4"	1/2"	1/2"	VB @ 76"
FD	2"	2"	1 1/2"	-	-	-	-	



PLUMBING FIXTURE SCHEDULE

MARK	Count	DESCRIPTION	MANUFACTURER	MODEL	COMMENTS
	3				
FD1	4	MEDIUM DUTY WITH DESIDENT BUCKET	JAY R S SMITH	2010C	
LV1	4	WALL MOUNT BLAIR LAVATORY	ELJER	051-1304 4" CENTERS	
SK1	1	SINGLE BOWL DROP IN SINK	BY OWNER		
SK2	2	DOUBLE BOWL DROP IN SINK	BY OWNER		
WC1	1	WHITE CHINA WATER CLOSET	KOHLER	K-3423	

Grand total: 15



1 1ST FL. PLUMBING PLAN
P103 1/4" = 1'-0"

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WINCHESTER ENDOSCOPY AST- INTERIOR MODIFICATIONS
1870 W. WINCHESTER RD STE 146, LIBERTYVILLE, IL. 60048
P103
1ST FL. PLUMBING PLAN

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