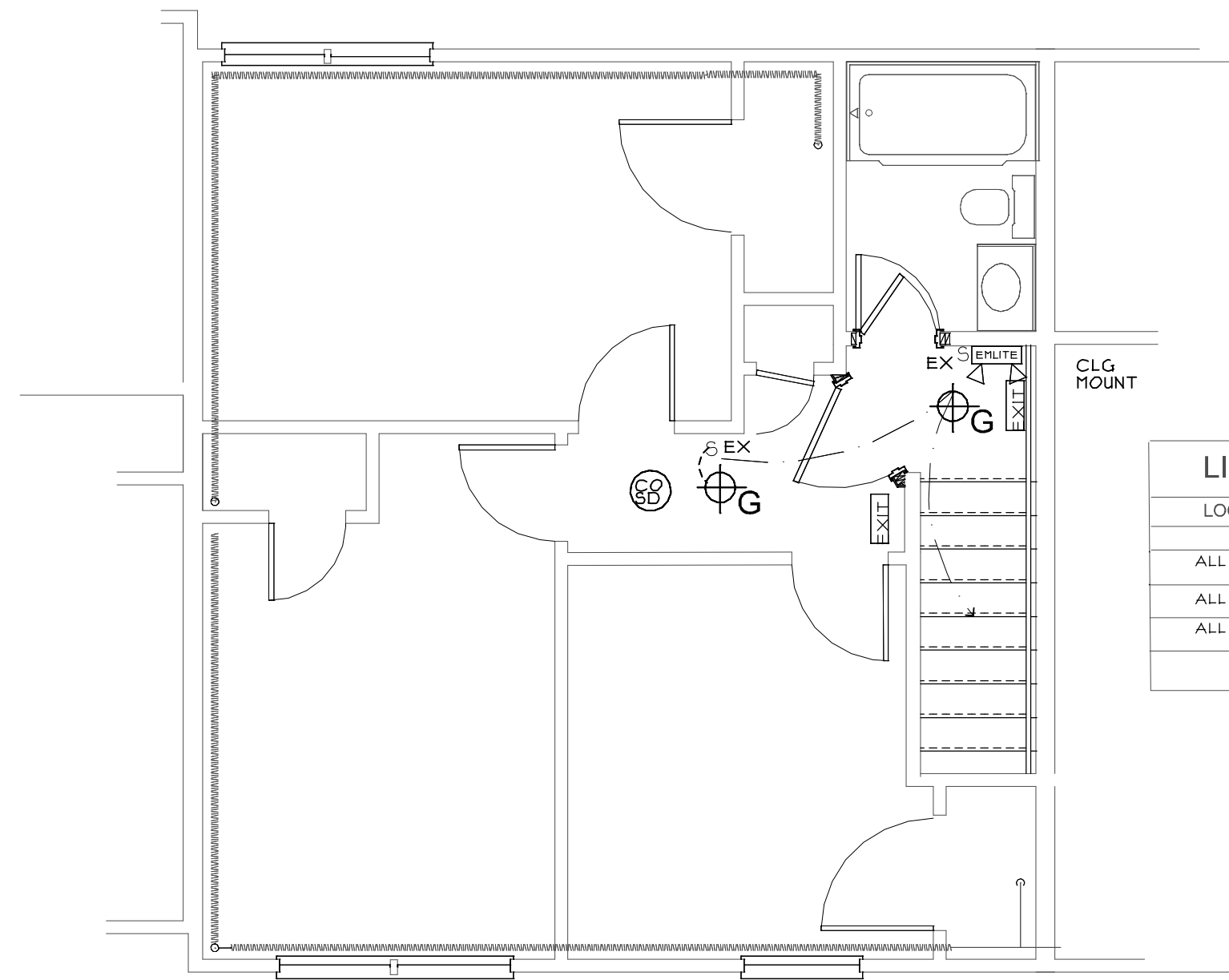


**PLUMBING PLAN
FIRST FLOOR PLAN**

SCALE: 1/4"=1'-0"



**ELECTRICAL
SECOND FLOOR PLAN**

SCALE: 1/4"=1'-0"

LIFE SAFETY SCHEDULE					
LOCATION	AREA	MANUFACTURER	PART NO.	LAMPS/LAMPS	ITEM
ALL AREAS	CEILING	PROGRESS	P4025UB	2-20W T4-1/2LP JLL	SURFACE MOUNT EXIT LIGHT
ALL AREAS	WALL	KIDDE	201N24	HARDWIRED INTER-CONNECTED S.D.	SMOKE DETECTOR CO DETECTOR
ALL AREAS	WALL	PROGRESS	P4026UB	SPARKY SEALED BEAM	EMERGENCY LIGHT

GENERAL NOTES
CONTRACTOR TO FIELD VERIFY ALL MEASUREMENTS AND EXISTING CONDITIONS. CONTRACTOR SHALL PAY FOR ALL FEES AND OBTAIN ALL NECESSARY PERMITS. THE TERMS 'SUPPLY', 'FURNISH', 'PROVIDE', ARE TO MEAN, SUPPLY AND INSTALL. SHOULD THE BIDDER FIND ANY DISCREPANCIES IN, OR DISCREPANCIES FROM THE DRAWINGS, OR SHOULD THERE BE ANY DOUBT AS TO THEIR MEANING, BIDDER IS TO NOTIFY THE ARCHITECT IN WRITING A MINIMUM OF 10 DAYS BEFORE SUBMITTING BID. CLARIFICATION AND DRAWINGS SHALL BE ADJUSTED AS THE SITUATION REQUIRES. FIGURE DIMENSIONS SHALL SUPERSEDE SCALE MEASUREMENTS. LARGE SCALE DETAILS SHALL TAKE PRECEDENCE OVER SMALL AND MEASUREMENTS MUST BE VERIFIED AT THE SITE. THE MORE SPECIFIC DESCRIPTION OF THE WORK TAKES PRECEDENCE OVER THE MORE GENERAL. THE MOST RECENT DRAWINGS, ADDENDA, OR AGREEMENTS TAKE PRIORITY. NO ALTERATIONS SHALL BE MADE IN THE DRAWINGS EXCEPT BY THE ARCHITECT. IN CASE OF ANY CONFLICT OR INCONSISTENCY BETWEEN THE DRAWINGS AND OTHER DOCUMENTS, THE ARCHITECT'S INTERPRETATION SHALL GOVERN.

ANY DISCREPANCY BETWEEN FIGURES AND DRAWING SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ARCHITECT, WHOSE DECISION SHALL BE CONCLUSIVE. IT IS THE UNDERSTANDING THAT THE WORK SHOWN ON THE DRAWINGS AND CALLED OUT ELSEWHERE WILL RESULT IN A COMPLETE, THOROUGH, AND FINISHED PROJECT FOR THE USE INTENDED. WORK SHALL BE CARRIED OUT BY INDIVIDUALS EXPERIENCED IN THE VARIOUS AREAS OF WORK THAT THEY WILL BE PERFORMING. WORK SHALL BE PERFORMED IN A MANNER THAT IS EQUAL TO INDUSTRY STANDARDS. CONTRACTORS ARE TO STORE, USE AND INSTALL ALL PRODUCTS, MATERIALS AND ITEMS IN SUCH A MANNER THAT FOLLOWS THE VARIOUS MANUFACTURERS' SPECIFICATIONS AND INSTALLATION REQUIREMENTS. CONTRACTOR TO FURNISH AND INSTALL ALL LABOR MATERIALS, EQUIPMENT, LEGAL DISPOSAL OF ALL DEBRIS, AND ALL RELATED SERVICES INCIDENTAL TO THE RENOVATIONS AND ADDITION DEPICTED ON THE PLANS. WORK TO INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING: DEMOLITION, EXCAVATION, CONCRETE WORK, CARPENTRY, SIDING, ROOFING, INSULATION, DRYWALL, FLOORING, CABINETRY, ELECTRICAL, PLUMBING, INCLUDING DESIGN AND MODIFICATION OF THE EXISTING HEATING SYSTEM TO SERVICE THE RENOVATED SPACE.

PLUMBING				
ITEM	LOCATION	MANUFACTURER	MODEL NO.	NOTES
SINK	EXAM 104 BATH 105	AMERICAN STANDARD	DECLYN 19MT #032, WHITE	PROVIDE CHROME PLATED STOPS, DRAIN, P-TRAP, SS FLEXIBLE SUPPLIES PROVIDE CONCEALED FLOOR MTD BRACKETS IN WALL
FAUCET	EXAM 104 BATH 105	RELIANT	2385	POLISHED CHROME FINISH
INSULATION	EXAM 104 BATH 105	TRUEBRO	UNDERSINK PIPING COVERS LAV GUARD 2	
WATER CLOSET	BATH 105	AMERICAN STANDARD	CADET 3 W/ ELONGATED BOWL	FLUSH HANDLE ON RIGHT SIDE OF TANK PROVIDE CHROME STOPS AND SS FLEXIBLE SUPPLY
TOILET SEAT	BATH 105	AMERICAN STANDARD	OPEN FRONT 590J10	NEW SEATS AT NEW HC BATH AND TWO (2) EXISTING BATHS ALL TO BE OPEN FRONT, VERIFY EXISTING WC FOR SIZES

PLUMBING, MECHANICAL AND HEATING SYSTEM FOR THE RIVERTON PARK HEALTH CARE CENTER

DESCRIPTION OF WORK

PROVIDE ALL ELEMENTS AND WORK NECESSARY TO PROVIDE A COMPLETE PLUMBING AND HEATING SYSTEM THAT IS FULLY COMPLIANT WITH THE REQUIREMENTS OF APPLICABLE CITY OF PORTLAND, STATE, FEDERAL CODES AND ANY REQUIREMENTS OF THE PORTLAND WATER DISTRICT, AND ALL OTHER AUTHORITIES HAVING JURISDICTION.

THE WORK WILL INCLUDE THE DESIGN AND MODIFICATION OF THE EXISTING HEATING SYSTEM SUCH THAT IT WILL BE CAPABLE OF PROVIDING HEAT TO THE RENOVATED SPACE AS SHOWN ON THE PLANS.

THE SYSTEM SHALL BE CAPABLE OF MAINTAINING A TEMPERATURE OF 74 DEGREES FAHRENHEIT MEASURED AT FIVE FEET ABOVE FINISH FLOOR, EVENLY IN ALL SPACES. THE CONTRACTOR WILL TIE INTO THE EXISTING BOILERS AND MODIFY THE EXISTING HEATING SYSTEM TO PROVIDE ADEQUATE HEAT RESULTING IN A COMFORTABLE AND FULLY FUNCTIONAL SPACE FOR THE USES INTENDED.

SCOPE OF WORK WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:

CONTRACTOR TO DESIGN AND FURNISH ALL LABOR, EQUIPMENT, MATERIALS, AND TESTING, AND PERFORM ALL OPERATIONS IN CONNECTION WITH THE INSTALLATION OF A HEATING SYSTEM CONSISTING OF CODE-COMPLIANT SYSTEMS AND MATERIALS. THIS WILL INCLUDE, PUMPS, CONTROLS, ELECTRICAL PIPING, INSULATION AND ANY OTHER ELEMENT OF IMPORTANCE IN THE MAINTENANCE, BALANCING OR OPERATION OF THE SYSTEM. CONTRACTOR WILL OUTLINE MATERIALS AND METHODS OF THE PROPOSED SYSTEM INCLUDING TYPES OF PIPE, PUMPS, FITTINGS, BASEBOARD RADIATION, CONTROLS, INSULATION, AND OTHER APPURTENANCES AS WELL AS THE PROPOSED METHOD, LOCATION AND ROUTING OF THE HEAT AND PIPING.

THE WORK ALSO INCLUDES MODIFICATIONS, INCLUDING REMOVAL AND REROUTING OF CERTAIN GAS LINES, WATER LINES, WASTE LINES, AND HEATING COMPONENTS TO THE SPACES WITHIN THE RENOVATED AREAS.

NOTWITHSTANDING ANYTHING THAT MAY BE CONTAINED IN THE DRAWINGS OR SPECIFICATIONS IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR LICENSED BY THE STATE OF MAINE TO INSTALL A COMPLETE WORKING HEATING SYSTEM THAT IS CAPABLE OF PROVIDING FUNCTIONAL AND USABLE SPACE TAKING INTO ACCOUNT ITS INTENDED USE/OCCUPANCY.

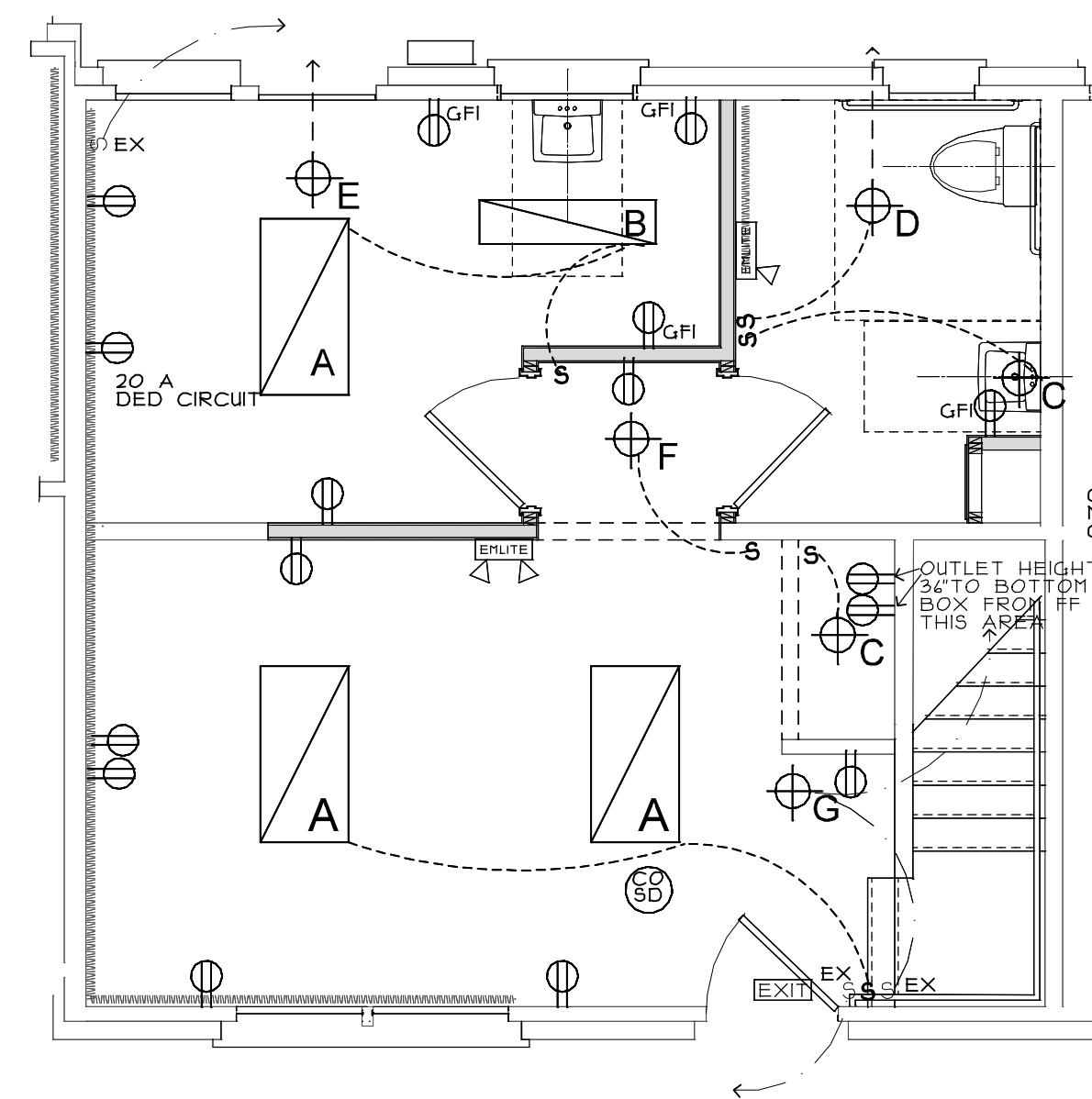
ALL ELEMENTS SHOWN ON THE DRAWINGS ARE INTENDED TO BE APPROXIMATELY CORRECT TO SCALE, BUT ARE TO BE TAKEN AS IN SENSE AS DIAGNOSTIC. NOT EVERY STRUCTURAL OR MECHANICAL DIFFICULTY THAT MAY BE ENCOUNTERED IS NECESSARILY INDICATED.

CONTRACTOR TO VERIFY ACTUAL CONDITIONS AT THE SITE.

COMPLETE ALL WORK IN STRICT ACCORDANCE WITH APPLICABLE NATIONAL, STATE, AND LOCAL BUILDING CODES.

CONTRACTOR TO PAY FOR AND OBTAIN ALL NECESSARY PERMITS AND IS RESPONSIBLE FOR ALL ASSOCIATED FEES.

NOTE ALTERNATE ON SHEET A2 REGARDING DIFFERENT SINK AND VANITY



**ELECTRICAL
FIRST FLOOR PLAN**

SCALE: 1/4"=1'-0"

LEGEND	
	NEW WIRE
	EXISTING WIRE
	COMBO SMOKE AND CO DET.
	EXIT LIGHT
	EMERGENCY LIGHT
	NEW CIRCUIT
	EXISTING CIRCUIT

SCHEDULES

ELECTRICAL

SYMB	ITEM	LOCATION	MANUFACTURER	MODEL NO.	LAMPS	NOTES
A	CLG LIGHTS	EXAM ROOM ACTIVITY AREA	PROGRESS	P194-30EB WHITE	4F32T8	2x4 SURFACE MTD, ELECTRONIC BALLAST
B	CLG LIGHTS	EXAM ROOM SINK	PROGRESS	P194-30EB WHITE	4F32T8	1x4 SURFACE MTD, ELECTRONIC BALLAST
C	OUTLETS/SWITCHES	ALL AREAS	LEVITON	WHITE STANDARD	N/A	PROVIDE NEW COVERS
	WALL LIGHT	BATH-MNT BOT 12" AFF DESK AREA	PROGRESS	P131-30STR WHITE	2-F11T8	120 NPF ELECTRONIC BALLAST
D	FAN/LIGHT	BATH	BROAN	QTRIEOFLT	2-12" FL	PROVIDE AND INSTALL DUCTWORK AND EXT WALL CAP
E	FAN	EXAM ROOM	NU TONE	412R		PROVIDE AND INSTALL DUCTWORK AND EXT WALL CAP
F	CLG LIGHT	ALCOVE	PROGRESS	P1301-60	FC12T9 32 W	BALLAST 120V NPF
F	CLG LIGHT	STAIR LANDING, HALL	PROGRESS	P3408-01	15 W COMP FL	

TYPICAL NOTES

THE USE OF THE TERM 'PROVIDE', 'FURNISH' OR 'INSTALL' IS TO MEAN 'FURNISH AND INSTALL'.
ELECTRICAL WORK TO BE PERFORMED INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
CONTRACTOR TO PROVIDE NEW SWITCHES, OUTLETS, JUNCTION BOXES, COVER PLATES, AT ALL OUTLET LOCATIONS-NEW AND EXISTING. MOUNT NEW CONTROLS SO OPERABLE PARTS ARE NO HIGHER THAN 48" AFF. NEW OUTLETS NO LOWER THAN 18" AFF COORDINATE W/ CONTRACTOR INSTALLING BACKPLASH AND OTHER RELATED ITEMS.
CONTRACTOR TO RELOCATE ALL EXISTING SWITCHES, CONTROLS AND OUTLETS AS REQUIRED TO ACCOMMODATE RENOVATIONS.
NEW SWITCHES TO BE LOCATED AS SHOWN ON DRAWINGS.
ALL EXISTING SURFACE MOUNTED WIRE MOLD AND BOXES TO BE REMOVED, WIRING TO BE CONCEALED.
CONTRACTOR TO PROVIDE AND INSTALL ALL LAMPS. CEILING LIGHTS FIXTURES TO BE SPLIT WIRED FOR INDEPENDENT SWITCHING.
CONTRACTOR SHALL PROVIDE AND INSTALL NEW OUTLETS, SWITCHES AND CONTROLS AS REQUIRED TO MEET ALL STATE, LOCAL AND FEDERAL CODES.
CONTRACTOR TO PROVIDE NEW TELEPHONE OUTLETS AS SHOWN ON PLANS.

CONTRACTOR TO PROVIDE ELECTRICAL WORK FOR INSTALLATION OF EXHAUST FANS AND VENT SYSTEMS AT BATH AND EXAM ROOM.
CONTRACTOR TO PROVIDE NEW SUBPANEL IF REQUIRED PROVIDE ADDITIONAL SERVICE AS REQUIRED, PROVIDE SEPARATE GROUNDING OF PANEL IF REQUIRED BALANCE ALL LOADS AT PANEL.
ALL MATERIAL ARE TO BE NEW AND CODE COMPLIANT. ITEMS NOT SPECIFICALLY CALLED OUT BY NAME OR MODEL NUMBER SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE FOR APPROVAL IN TERMS OF QUALITY AND SUITABILITY.
ITEMS WHOSE MODEL NUMBERS HAVE BEEN DISCONTINUED SHALL BE REPLACED WITH THE ITEM THAT HAS REPLACED THE DISCONTINUED ITEM.
CONTRACTOR SHALL BE ALLOWED TO USE EXISTING WIRING, AND DEVICE BOXES IF IT IS DEEMED CODE COMPLIANT. NEW COVER PLATES AND DEVICES ARE TO BE INSTALLED.

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**ISSUED
JANUARY**

revisions

date

DECEMBER 2012

sheet title

**ELECTRICAL PLAN
LIGHTING SCHEDULE
PLUMBING PLAN
PLUMBING FIXTURE
SCHEDULE**

scale

AS NOTED

drawn by

SMT

project number

1229

sheet number

MEP 1