UNIVERSITY OF MAINE
ZILLMAN ART MUSEUM - NORUMBEGA HALL

GALLERY RENOVATION

OWNER

UNIVERSITY OF MAINE – FACILITIES DEPARTMENT
5765 SERVICE BUILDING
ORONO, MAINE 04469

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FOR CONSTRUCTION
12-05-2020

INDEX

1. FIRST AND SECOND FLOOR DEMOLITION PLANS
2. NEW FIRST AND SECOND FLOOR FLOOR PLANS
3. WALL AND INFILL DETAILS
4. FIRST AND SECOND FLOOR ELECTRICAL POWER, DATA, & LIGHTING PLANS
5. FIRST AND SECOND FLOOR FIRE PROTECTION PLANS

PROJECT NO. #2020113

CARPENTER ASSOCIATES
CONSULTING ENGINEERS
687 STILLWATER AVENUE OLD TOWN, MAINE 04468

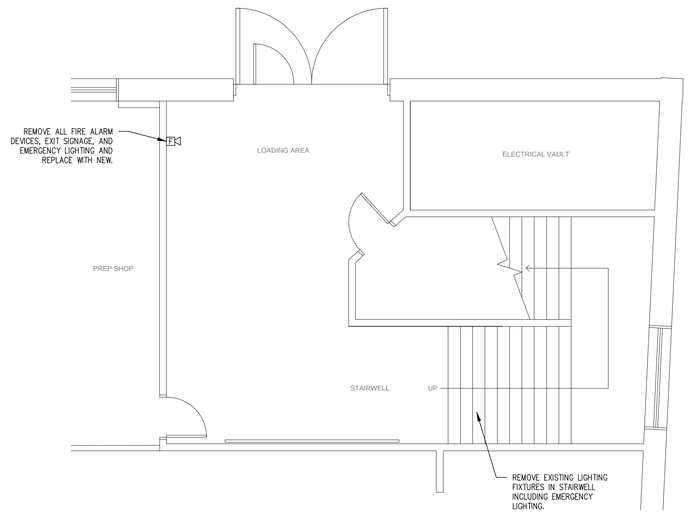
STATE OF MAINE
BRIAN D. CARPENTER
LICENSED
PROFESSIONAL ENGINEER

DEMOLITION NOTES:

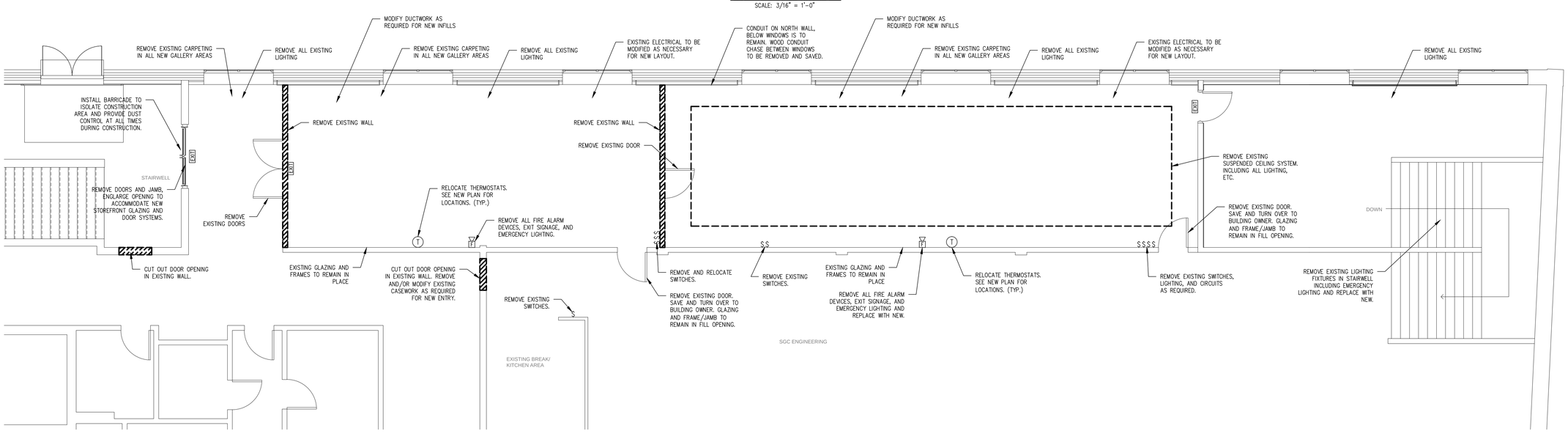
1. COORDINATE ALL PLUMBING, MECHANICAL, AND ELECTRICAL SYSTEM REMOVAL AND RELOCATION WITH ARCHITECTURAL PLANS AND NEW PLUMBING, MECHANICAL, AND ELECTRICAL PLANS.
2. VERIFY AND COORDINATE INSTALLATION OF NEW SYSTEMS WITH ARCHITECTURAL PLANS.
3. MODIFY EXISTING ELECTRICAL, PIPING, WALLS, CEILINGS, AND FLOORING TO COMPLETE ALL NEW WORK AS REQUIRED.
4. PATCH AND PAINT ALL EXISTING PENETRATIONS THROUGH WALLS, CEILINGS, FLOORING, AND ROOFING AS REQUIRED.
5. REMOVE ALL EXISTING FIRE AND LIFE SAFETY DEVICES.
6. EXISTING DUCTWORK SHALL REMAIN. MODIFY ONLY AS REQUIRED.
7. MODIFY AND ADJUST SPRINKLER PIPING AS REQUIRED FOR COMPLETE COVERAGE OF THE AREAS SERVED.
8. SAND AND PREP EXISTING CEILING FOR PRIMER AND PAINT.
9. MODIFY DUCTWORK FOR INSTALLATION OF NEW 1-HOUR FIRE DAMPERS. FIELD VERIFY EXACT LOCATIONS.

SCOPE OF WORK:

REMOVE ALL EXISTING LIGHTING, FIRE ALARM DEVICES, NOTED WALLS, DOORS AND VARIOUS ELECTRICAL SYSTEMS. INSTALL NEW ELECTRICAL POWER CIRCUITS, LIGHTING, LIFE SAFETY DEVICES, IN-FILL WALLS, AND NEW GALLERY WALLS. PROJECT TO BE COMPLETED BY OWNER'S IN-HOUSE WORK CREWS AND MISCELLANEOUS SPECIALTY CONTRACTORS.



EXISTING FIRST FLOOR PLAN
SCALE: 3/16" = 1'-0"



EXISTING SECOND FLOOR PLAN
SCALE: 3/16" = 1'-0"

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STATE OF MAINE
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UNIVERSITY OF MAINE
GALLERY RENOVATION
ZILLMAN ART MUSEUM - NORUMBEGA HALL

FIRST AND SECOND FLOOR
DEMOLITION PLANS

Drawn: JE
Checked: RK
Scale: AS NOTED
Date: 08-28-2020

Project No: 2020113

Sheet Number: 1

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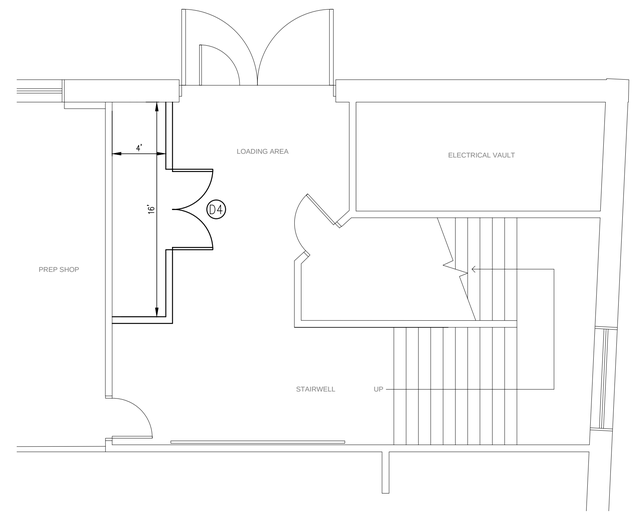
DOOR SCHEDULE

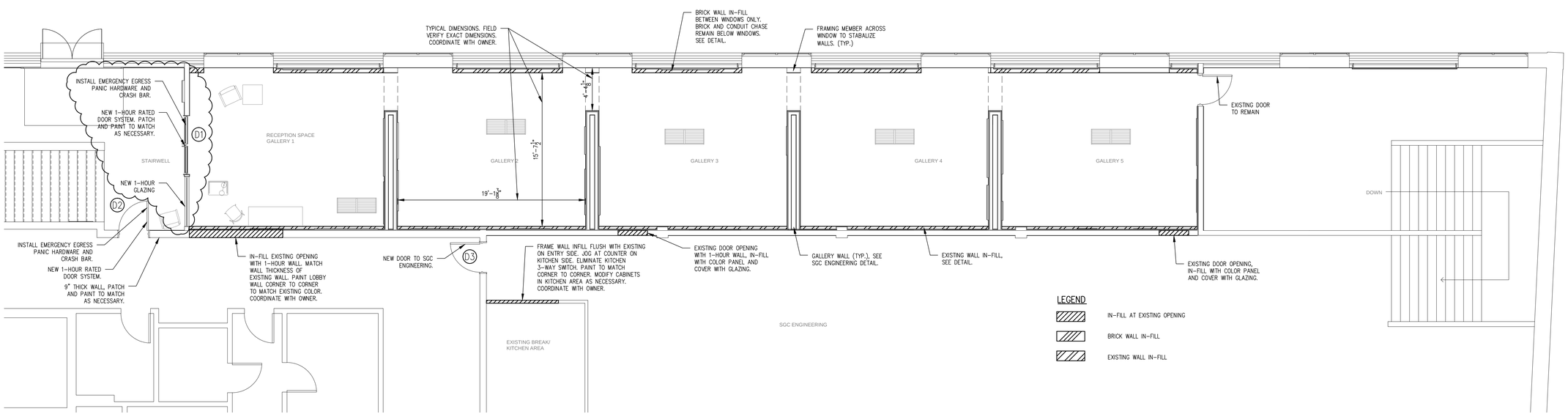
NUMBER	SIZE (WxH)	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	FIRE RATING LABEL	KEY PAD/CARD READER	CLOSER	HARDWARE/REMARKS
D1	6'-0"x 7'-0"	DD	STORE FRONT	SF	--	60-MIN	NO	YES	ENTRANCE DOOR BY TECHNICAL GLASS PRODUCTS TO INCLUDE: VON DURPIN EXIT DEVICE WITH CVR AND LEVER HANDLES, LCN CLOSER, POWER TRANSFER AND CONCEALED FLEX TUBE, STANDARD POWDER COAT, COLOR BY OWNER, 60 MIN. FIRE RATED FRAMES WITH GLASS, (1)PAIR OF DOORS WITH SIDELIGHTS, SMOKE SEAL, PROVIDE AND INSTALL ADA OPENER ON ONE DOOR LEAF
D2	3'-0"x 7'-0"	WD-FG	SOLID WOOD CORE	ST	HM	60-MIN	NO	YES	HINGES, ADA LEVERS, LATCH SET, KICK PLATE, KEYED DEAD BOLT, SILENCERS, EXIT DEVICE, INCLUDE CSW PROFILE THRESHOLD, PROVIDE AND INSTALL ADA OPENER. (EXISTING WALL IS 9" THICK)
D3	3'-0"x 7'-0"	WD-FG	SOLID WOOD CORE	ST	HM	60-MIN	YES	YES	HINGES, ADA LEVERS, LATCH SET, KICK PLATE, KEYED DEAD BOLT, SILENCERS, SUPPLY ELECTRIC STRIKE LATCH, SUPPLY CLOSER
D4	6'-0"x 7'-0"	DD	INSULATED STEEL	ST	HM	60-MIN	NO	YES	HINGES, ADA LEVERS, LATCH SET, KICK PLATE, KEYED DEAD BOLT, SILENCERS

LEGEND:
HM = HOLLOW METAL
WD = WOOD CORE
DD = DOUBLE DOOR
ST = STANDARD FRAME
SF = STORE FRONT
FG = FULL GLASS

* CONTRACTOR SHALL PROVIDE DOOR (D2) WITH ALTERNATE PRICING FOR STORE FRONT SYSTEM TO MATCH DOOR (D1).



NEW FIRST FLOOR PLAN
SCALE: 3/16" = 1'-0"



NEW SECOND FLOOR PLAN
SCALE: 3/16" = 1'-0"

GENERAL NOTES:

1. ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT DOCUMENTS. CONTRACTORS SHALL REVIEW ALL DRAWINGS BEFORE THE INSTALLATION OF THEIR WORK. SHOULD THERE BE A DISCREPANCY WITHIN AND BETWEEN THE DRAWINGS THAT WOULD CAUSE AN AWKWARD OR IMPROPER INSTALLATION, NOTIFY ENGINEER FOR CLARIFICATION PRIOR TO INSTALLATION OF WORK. ANY WORK INSTALLED IN CONFLICT WITH THE FLOOR PLANS SHALL BE CORRECTED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS IN THE FIELD.
3. DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE – USE GIVEN DIMENSIONS. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOBSITE PRIOR TO THE START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, NOTIFY ENGINEER FOR CLARIFICATION BEFORE COMMENCING THE WORK.
4. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SUPPORT STRUCTURES, MECHANICAL, ELECTRICAL, AND FINISHES TO COMPLETE THE WORK AS INTENDED.
5. CONTRACTOR SHALL INCLUDE AS PART OF THEIR BID ALL PERMIT COSTS AND FEES, INCLUDING THOSE FOR UTILITIES, SUCH AS VERSANT POWER, ETC.
6. CONTRACTOR IS RESPONSIBLE TO VISIT THE SITE PRIOR TO THE BID TO CLEARLY EXAMINE AND UNDERSTAND THE EXISTING CONDITIONS. CONTRACTOR SHALL INCLUDE ALL REQUIRED ALLOWANCES IN THEIR BID. NO ALLOWANCE SHALL BE MADE FOR ERROR RESULTING FROM CONTRACTOR'S FAILURE TO VISIT THE SITE, REVIEW THE COMPLETE DOCUMENTS, AND TO ASK THE ENGINEER FOR CLARIFICATION ON ANY DISCREPANCIES. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR UNFORESEEN CONDITIONS.
7. INSTALL NEW SHEETROCK ON WALLS AND CEILINGS. ALL NEW GWB IN WET/DAMP LOCATIONS TO BE 5/8" MR (MOISTURE RESISTANT). ALL OTHER GWB SHALL BE 5/8" TYPE "X" UNLESS NOTED.
8. INSTALL NEW 1-HOUR RATED FIRE DAMPERS AS REQUIRED. FIELD VERIFY EXACT LOCATION.
9. CONTRACTOR SHALL PREP, PATCH AND LEVEL ALL WALL SURFACES PRIOR INSTALLATION OF FIXTURES, DOORS, WINDOWS, ETC. WALLS TO BE SQUARE.
10. CONTRACTOR SHALL PREP ALL FLOOR SURFACES PRIOR TO INSTALLATION OF FLOORING. THE CONTRACTOR IS RESPONSIBLE FOR LEVELING THE FLOOR WITHIN TOLERANCES AS REQUIRED FOR CARPETING.
11. CONTRACTOR SHALL FIRE CAULK ALL FLOOR, WALL, AND CEILING PENETRATIONS.

= REVISION CLOUD DENOTES COMPLETE STOREFRONT SYSTEM TO BID. BIDS SHALL INCLUDE ALL REQUIRED COMPONENTS, HARDWARE, GLAZING, AND DOORS. ELECTRICAL POWER FOR DOOR OPENER PROVIDED BY OTHERS.

FOR CONSTRUCTION
12-05-2020

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NEW FIRST AND SECOND FLOOR PLANS

Drawn: JE
Checked: RK
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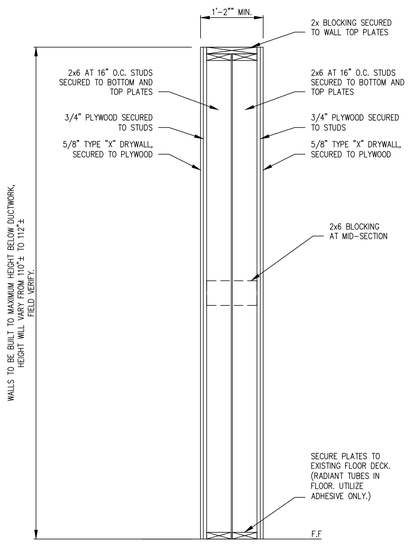
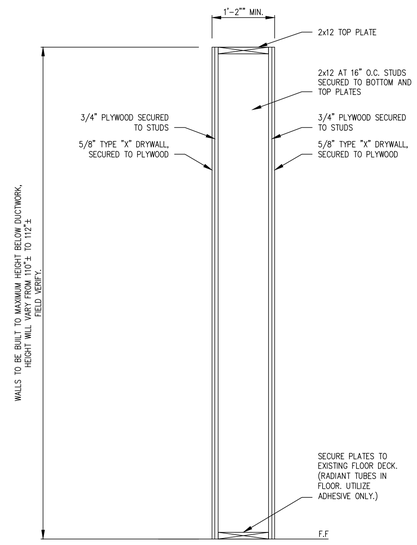
ROUGH CARPENTRY NOTES

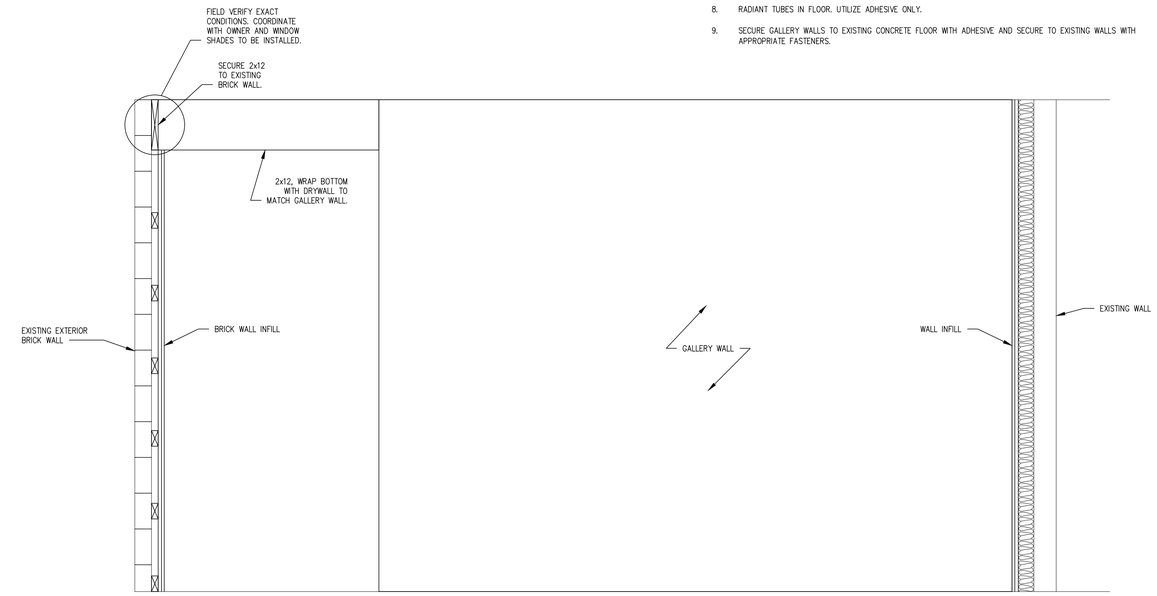
1. ALL WOOD MEMBERS SHALL HAVE A GRADE STAMP INDICATING SPECIES, GRADE, MILL MEMBER, AND MOISTURE CONTENT WHEN SURFACED.
2. ALL WOOD SHALL BE SURFACED DRY WITH A MAXIMUM MOISTURE CONTENT OF 19%.
3. FORM ALL CORNERS WITH A MINIMUM OF THREE STUDS. THESE STUDS SHALL BE SPIKED TOGETHER ALONG THEIR LENGTH.
4. PROVIDE PRESSURE-TREATED BOTTOM PLATE AT SILL IF INSTALLED ON CONCRETE. PROVIDE A CONTINUOUS DOUBLE TOP PLATE AT ALL WALLS. STAGGER BUTT JOINTS 4' AND SECURE PLATES WITH TWO LINES OF 16D NAILS AT 8" O.C.
5. ALL FASTENERS AND HARDWARE FOR PRESSURE-TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL. CONNECTORS SHALL BE ZMAX 9185 FINISHED.
6. FASTENER SPACING, EDGE, AND DISTANCE SHALL BE SUFFICIENT TO PREVENT WOOD SPLITTING. ANY MEMBERS SPLIT SHALL BE REPLACED.
7. ALL WOOD SHEATHING, FLOORS, ROOFS, AND WALLS SHALL BE APA RATED PLYWOOD.
8. RADIANT TUBES IN FLOOR. UTILIZE ADHESIVE ONLY.
9. SECURE GALLERY WALLS TO EXISTING CONCRETE FLOOR WITH ADHESIVE AND SECURE TO EXISTING WALLS WITH APPROPRIATE FASTENERS.



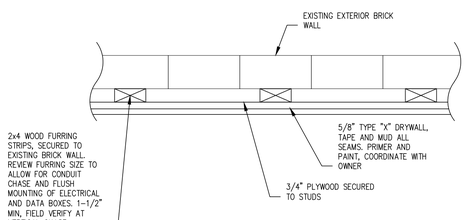
GALLERY WALL DETAIL
NOT TO SCALE



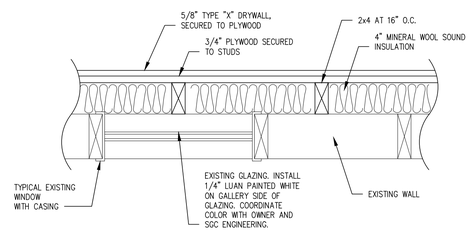
GALLERY WALL DETAIL – ALTERNATE
NOT TO SCALE



GALLERY WALL ELEVATION
NOT TO SCALE



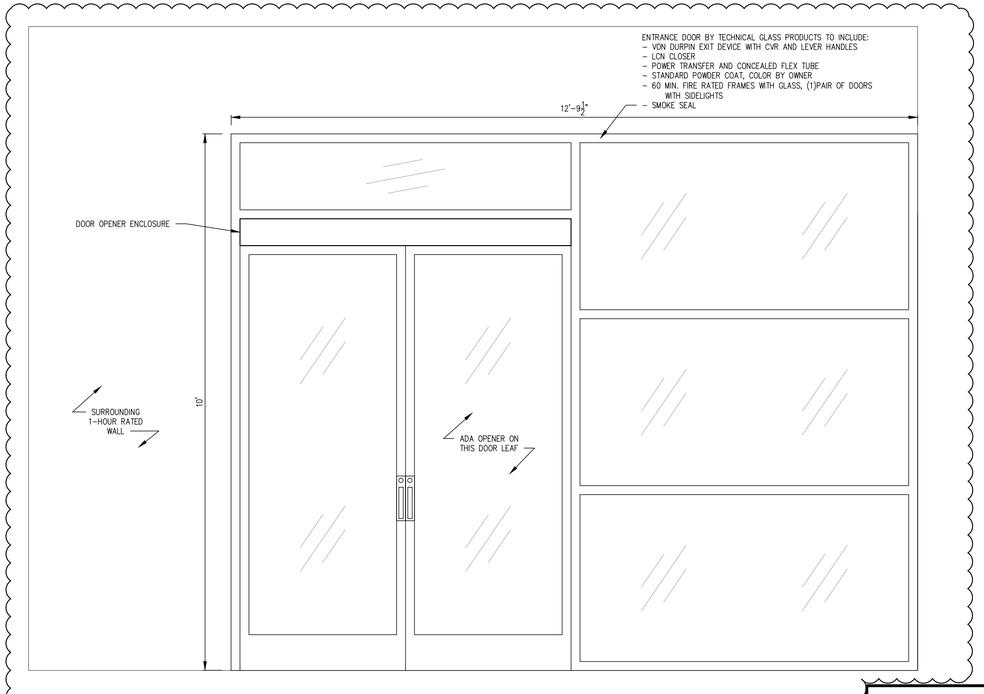
BRICK WALL IN-FILL DETAIL
NOT TO SCALE



EXISTING WALL IN-FILL DETAIL
NOT TO SCALE

*ALL ALONG SGC ENGINEERING WALL AND CORRIDOR WALL.

= REVISION CLOUD DENOTES COMPLETE STOREFRONT SYSTEM TO BID. BIDS SHALL INCLUDE ALL REQUIRED COMPONENTS, HARDWARE, GLAZING, AND DOORS. ELECTRICAL POWER FOR DOOR OPENER PROVIDED BY OTHERS.



DOOR (D1) GALLERY ENTRANCE ELEVATION
NOT TO SCALE

*FIELD VERIFY EXACT ROUGH OPENINGS.

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12-05-2020

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WALL AND INFILL DETAILS

Drawn: JE
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LIGHTING FIXTURE SCHEDULE

SYMBOL	MAKE AND MODEL	DESCRIPTION	POWER	NOTES
A	LSI-LN16 SERIES-12V-MR16	LN10-2GF	--	WITH UNI-STRUT POWER SYSTEM. SEE TRACK LIGHTING HANGING SYSTEM IN EXISTING DOWNSTAIRS GALLERY.
B	COOPER LIGHTING SOLUTIONS METALUX 22FP42356	2x2 LED SURFACE	18W	--
	DUAL LITE LZ30-03L	EMERGENCY LIGHTING UNIT	24W	PROVIDE 90 MIN BATTERY BACKUP
EXIT	DUAL LITE EVEURWE	LED EXIT SIGN	1.42W	--
	HUBBELL OUTDOOR LIGHTING TRP1-12L-15-3K7-2-U-BL-PCU-BF-SF	EXTERIOR WALLPACK W/ 90 MIN BATTERY BACK UP	13.9W	--

ELECTRICAL LIGHTING NOTES:

1. ALL LIGHTING CIRCUITS ARE SHOWN DIAGRAMMATICALLY.
2. MULTIPLE CONDUCTORS FOR SWITCHING NOT ALWAYS SHOWN. MULTIPLE CONDUCTORS FOR THREE-WAY SWITCHING NOT SHOWN. PROVIDE APPROPRIATE NUMBER OF CONDUCTORS FOR ALL CIRCUITS.
3. FOR LIGHTING ON OCCUPANCY SENSOR SWITCHING, ONLY OCCUPANCY SENSOR LOCATION IS SHOWN. PROVIDE ALL OTHER APPROPRIATE ASSOCIATED HARDWARE AS NEEDED, INSTALLED ABOVE CEILING TILES.
4. PROVIDE COMPLETE LIGHTING CONTROL SYSTEM. COORDINATE WITH OWNER AND ENGINEER FOR SCHEDULING OF ON/OFF, DIMMING LEVELS, ETC.
5. CONTRACTOR SHALL COORDINATE LIGHTING PANEL CIRCUITS.
6. CONTRACTOR TO INSTALL ALL WIRING, CONDUITS, ETC. FROM ALL LIGHTING LOCATIONS TO EXISTING ELECTRICAL ROOM AND PANEL BOARDS.
7. ENSURE ALL ELECTRICAL DISCONNECTS, CIRCUITS, RECEPTACLES, SWITCHES, DEVICES, AND PANEL BOARDS ARE GROUNDED APPROPRIATELY ACCORDING TO NEC.
8. ALL EMERGENCY LIGHTING AND POWER TO BE MARKED FOR EMERGENCY POWER.

DATA/COMMUNICATIONS NOTES:

1. CONTRACTOR SHALL PROVIDE AND INSTALL ALL DATA JACKS AND FACE PLATES. CONTRACTOR TO PROVIDE AND INSTALL ALL CABLING FROM PANELS TO DEVICES.
2. FOR CONNECTED CABLES PROVIDE 10 FEET MIN. OF SLACK ONCE CABLES PENETRATE ROOM WALL.
3. CONTRACTOR SHALL PROVIDE ALL POWER CONNECTIONS FOR THE DATA/COMMUNICATIONS SYSTEM; COORDINATE LOCATION AND REQUIREMENTS WITH THE ENGINEER.
4. ALL CABLES SHALL BE RUN NEATLY, PROPERLY BOUND, SEPARATE BOUND COLOR CODE AND/OR USE IN AN ORTHOGONAL MANNER. NO DIAGONAL RUNS WILL BE ALLOWED.

ELECTRICAL POWER NOTES

1. CONTRACTOR SHALL COORDINATE ACCESS TO ALL CRITICAL AREAS, INCLUDING VALVES, DAMPERS, CONTROL CIRCUITS, SECURITY CAMERAS, SPEAKERS, SPRINKLERS, ETC. SUSPENDED CEILING TILES SHALL BE CONSIDERED ACCESS.
2. THE CONTRACTOR SHALL INSTALL ALL CABLING IN SUCH A MANNER AND WITH ENOUGH SLACK AS TO ALLOW FOR TEMPORARY MOVEMENT DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE THE TEMPORARY MOVEMENT WITH THE TRADES IN QUESTION TO PROVIDE PROPER PROTECTION AND SUPPORT.
3. WALLS SHOWN ON DRAWING MAY NOT BE REPRESENTATIVE OF ACTUAL WALL TYPES AND CONDITIONS. REFER TO FLOOR PLANS FOR ACTUAL FLOOR, WALL, AND CEILING TYPES FOR SUPPORT AND PENETRATIONS INFORMATION.
4. PROVIDE PULL BOXES, JUNCTION BOXES, ETC., AS NEEDED, MEETING THE NEC REQUIREMENTS.
5. CONTRACTOR TO INSTALL ALL WIRING, CONDUITS, ETC. FROM ALL RECEPTACLES, SWITCHES, AS REQUIRED OR SPECIAL PURPOSE LOCATIONS TO ELECTRICAL ROOM OR PANELS AS INDICATED OR NOTED.
6. ALL RECEPTACLES SHALL BE MOUNTED AT 18" A.F.F. UNLESS OTHERWISE NOTED. ALL SWITCHES SHALL BE MOUNTED AT 48" A.F.F. UNLESS OTHERWISE NOTED.
7. ENSURE ALL ELECTRICAL DISCONNECTS, CIRCUITS, RECEPTACLES, SWITCHES, DEVICES, AND PANEL BOARDS ARE GROUNDED APPROPRIATELY ACCORDING TO NEC. ELECTRICAL DISCONNECTS SHALL BE INSTALLED AT ALL EQUIPMENT LOCATIONS, WATER HEATERS, UNIT HEATERS, ERV UNITS, PUMPS, VRF UNITS, ETC.
8. ALL EMERGENCY LIGHTING AND POWER COVERS TO BE MARKED FOR EMERGENCY POWER AS REQUIRED.
9. CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT AND WIRING TO AND FROM SECURITY DEVICES, CAMERAS, DATA, VOICE/PHONE, FIRE DEVICES, PANELS, JACKS TO RESPECTIVE POWER PANELS, MDP, OR OTHER SUITABLE MEANS OF POWER AS REQUIRED.
10. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION OF PANELS, DISCONNECT SWITCHES, AND CABLE & DATA JACKS WITH ARCHITECT, ENGINEER, AND OWNER PRIOR TO INSULATION.
11. CONTRACTOR SHALL ENSURE ALL CONDUITS, SWITCHES, PLATES, WIREMOLD, ETC. TO BE COLOR "WHITE" UNLESS DIRECTED OTHERWISE BY OWNER.

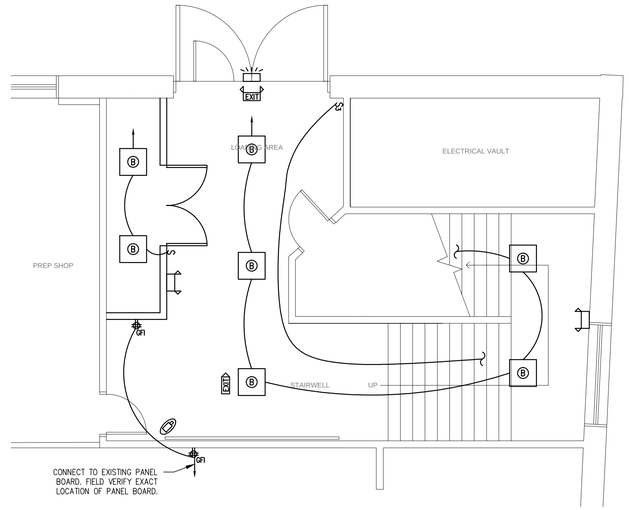
= REVISION CLOUD DENOTES COMPLETE STOREFRONT SYSTEM TO BID. BIDS SHALL INCLUDE ALL REQUIRED COMPONENTS, HARDWARE, GLAZING, AND DOORS. ELECTRICAL POWER FOR DOOR OPENER PROVIDED BY OTHERS.

ELECTRICAL LIGHTING LEGEND

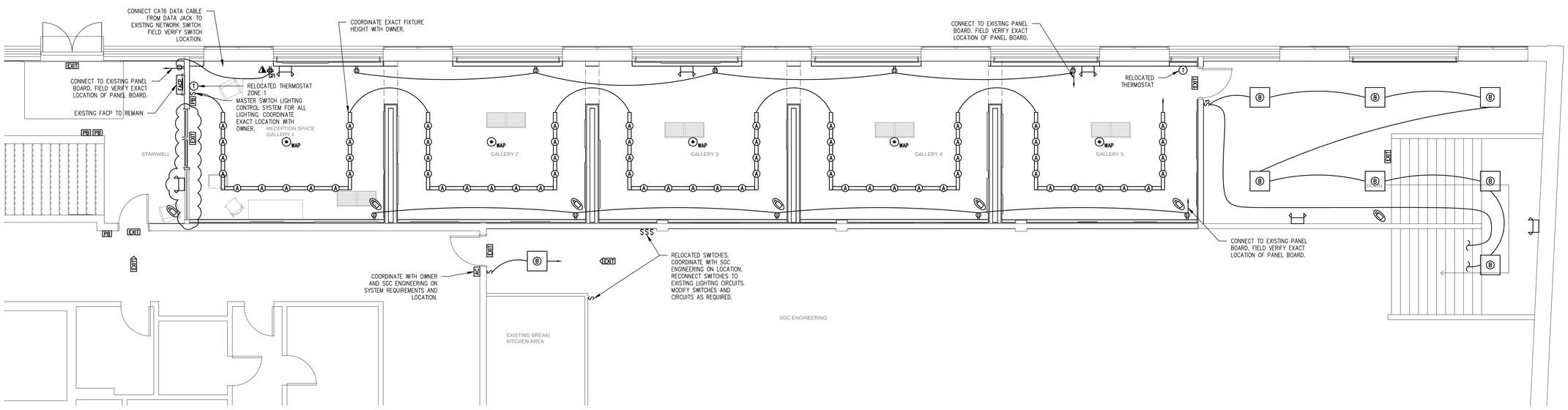
- A — LIGHT FIXTURE – SURFACE MOUNTED, RECESSED, DOWNLIGHT OR CAN LIGHT
  CAPITAL LETTERS = LIGHT FIXTURE TYPE, SEE LIGHT FIXTURE SCHEDULE
  LOWER CASE LETTERS = ZONE FOR LIGHTING CONTROL
- LIGHT FIXTURE – SURFACE OR FLUSH MOUNTED LINEAR LIGHT
- LIGHT FIXTURE – WALL MOUNTED
- S — SWITCH 120V, 20 AMP, COMMERCIAL
  SWITCH
  BLANK = SINGLE POLE
  3 = THREE-WAY
  D = DIMMER
  LV= LOW VOLTAGE
  LM= LOW VOLTAGE MASTER
  RC= REMOTE CONTROL
  WP= WEATHER PROOF
  OS= OCCUPANCY SENSOR
  PL= PILOT LIGHT
  2 = DOUBLE POLE
  4 = FOUR-WAY
  K = KEY OPERATED
  L = LOCK
  P = PHOTOCELL CONTROLLED
  T = TIMER OPERATED
  X = EXPLOSION PROOF
- OS — OCCUPANCY SENSOR
- EXIT — EXIT SIGN, CEILING/WALL MOUNTED, COORDINATE WITH LIGHTING PLAN
- EMERGENCY LIGHT, WALL MOUNTED, COORDINATE WITH LIGHTING PLAN
- EXIT — EXIT SIGN, UNIVERSAL MOUNT, COORDINATE WITH LIGHTING PLAN
- EXIT — EXIT SIGN (DIRECTIONAL), UNIVERSAL MOUNT, COORDINATE WITH LIGHTING PLAN
- EXTERIOR EMERGENCY WALL MOUNTED LIGHT WITH 90 MIN. BACKUP COORDINATE WITH LIGHTING PLAN

ELECTRICAL POWER LEGEND

- DUPLEX GROUNDED RECEPTACLE, 120V, 20 AMP, COMMERCIAL
  SPECIFICATION GRADE – LEVITON #5BR20 I/W/A
  GFI = GROUND FAULT TYPE – LEVITON #7899
  SPECIFICATION GRADE – LEVITON #5BR20 I/W/A
  GFI = GROUND FAULT TYPE – LEVITON #7899 I/W/A
  WP = WEATHERPROOF – LEVITON #4970 COVER, GFI
  RT = RAIN TIGHT WHILE IN USE – LEVITON #5997-CL
  +48" = MOUNTING HT.
  F = FLUSH BRASS FLOOR BOX – LEVITON #25249-FBA OR EQUAL
  C = CEILING HEIGHT, FLUSH MOUNT
  S = SURFACE MOUNT
  BC = BELOW COUNTER
- QUAD GROUNDED RECEPTACLE, 120V, 20 AMP, COMMERCIAL
- FLOOR/CEILING MOUNTED RECEPTACLE
  F = FLOOR MOUNT
  C = CEILING MOUNT
  EF = EXHAUST FAN
- PHONE JACK
- CABLE JACK (COAXIAL CABLE)
- COMBINATION PHONE/DATA JACK
- AC — ACCESS CONTROL
- PB — ADA DOOR OPENER
- HOMERUN CIRCUIT
- WAP — WIRELESS ACCESS POINT
- T — RELOCATED THERMOSTAT
- FACP — EXISTING FIRE ALARM CONTROL PANEL
- SECURITY DOME CAMERA



FIRST FLOOR ELECTRICAL PLAN
SCALE: 3/16" = 1'-0"



SECOND FLOOR ELECTRICAL PLAN
SCALE: 3/16" = 1'-0"

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ZILLMAN ART MUSEUM - NORUMBEGA HALL

FIRST AND SECOND FLOOR
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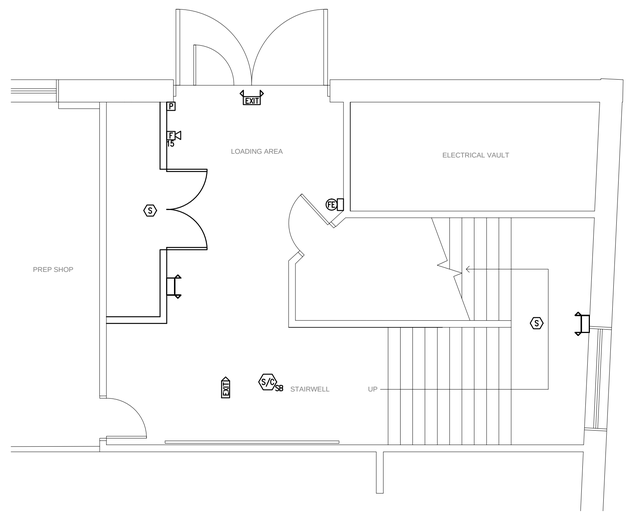
ELECTRICAL FIRE DEVICES LEGEND

S	SMOKE DETECTOR (SYSTEM SENSOR: 5193 SERIES) D = DUCT SYSTEM SMOKE DETECTOR (SYSTEM SENSOR: INNOVAIR FLEX D2) SB = SOUNDER BASE
C	CARBON MONOXIDE DETECTOR (SYSTEM SENSOR: CO 1224)
S/C SB	COMBO SMOKE/CARBON MONOXIDE DETECTOR SB = SOUNDER BASE
P	FIRE ALARM SYSTEM MANUAL PULL STATION, 48" A.F.F. (HONEYWELL: BG-12)
F 15	FIRE ALARM SYSTEM SPEAKER/STROBE, 80" A.F.F UNLESS OTHERWISE INDICATED. CANDELA RATING AS REQUIRED (15, 30, 75, 110) (SYSTEM SENSOR: L SERIES)
F 30	FIRE ALARM SYSTEM STROBE ONLY, 80" A.F.F UNLESS OTHERWISE INDICATED. CANDELA RATING AS REQUIRED (15, 30, 75, 110) (SYSTEM SENSOR: SPECTRALERT ADVANCE SERRIES)
F 15 C	FIRE ALARM SYSTEM SPEAKER/STROBE – CEILING MOUNTED CANDELA RATING AS REQUIRED (15, 30, 75, 110) SYSTEM SENSOR L-SERIES.
EXIT	EXIT SIGN, CEILING/WALL MOUNTED, COORDINATE WITH LIGHTING PLAN
	EMERGENCY LIGHT, WALL MOUNTED, COORDINATE WITH LIGHTING PLAN
EXIT	EXIT SIGN (DIRECTIONAL), UNIVERSAL MOUNT, COORDINATE WITH LIGHTING PLAN
	EXTERIOR EMERGENCY WALL MOUNTED LIGHT WITH 90 MIN. BACKUP COORDINATE WITH LIGHTING PLAN
FE	SEMI-RECESSED FIRE EXTINGUISHER, COORDINATE LOCATION WITH LOCAL AHJ

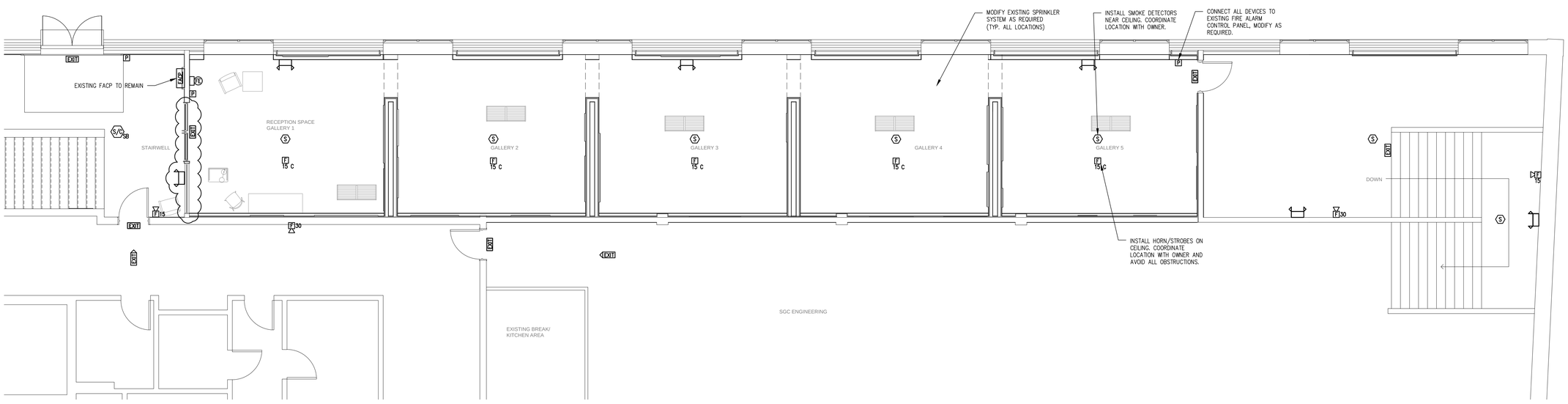
ELECTRICAL FIRE SYSTEM GENERAL NOTES:

1. ALL WORK SHALL BE IN COMPLIANCE WITH NFPA 70 – THE NATIONAL ELECTRICAL CODE, NFPA 72 – NATIONAL FIRE ALARM CODE, AND THE AMERICANS WITH DISABILITIES ACT – 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN. IT IS THE INTENT OF THESE PLANS TO SHOW FULLY OPERABLE FIRE ALARM SYSTEMS ALTHOUGH NOT ALL DETAILS MAY BE SHOWN. PROVIDE ALL EQUIPMENT, PANELS, DEVICES, WIRING, CONTROL MODULES, INTERFACE MODULES, RELAY MODULES, ENCLOSURES, COMMUNICATORS, POWER SUPPLIES, MUNICIPAL MASTER BOX CONNECTIONS, HVAC SYSTEM CONNECTIONS, SPRINKLER SYSTEM CONNECTIONS, ELEVATOR CONNECTIONS, KITCHEN HOOD SUPPRESSION SYSTEM CONNECTIONS, ETC. AS REQUIRED.
2. THE CONTRACTOR SHALL CONFIRM ACTUAL CONDITIONS PRIOR TO THE START OF WORK.
3. WIRING SHALL BE RUN CONCEALED WHEREVER POSSIBLE. WHEN ABSOLUTELY NECESSARY, EXPOSED WIRING IN FINISHED SPACES SHALL BE IN ONE PIECE RECTANGULAR STEEL RACEWAY EQUAL TO WIRE MOLD (TM) #V500/V700 SERIES SYSTEM WITH ALL REQUIRED ACCESSORIES, LOW PROFILE, SCRATCH RESISTANT, WHITE PAINTABLE FINISH, REMOVABLE COVER, UL5 AND ADA COMPLIANT. RIGID METAL CONDUIT (EMT) MAY BE USED AS APPROVED BY THE OWNER/ENGINEER. PAINT TO MATCH EXISTING FINISH IN FINISHED AREAS.
4. SIZE ALL STROBE DEVICE CANDELA ACCORDING TO SPACE REQUIREMENTS.
5. FIRE ALARM SYSTEM DEVICE LOCATIONS SHOWN ARE APPROXIMATE.ADJUST LOCATIONS OF DEVICES AS REQUIRED TO ACCOMMODATE ACTUAL CONDITIONS.
6. THE CONTRACTOR SHALL VERIFY ALL ROOM NAMES AND NUMBERS TO REFLECT ACTUAL CONDITIONS.
7. FIRE DEVICES SHOWN MAY NOT REPRESENT ALL DEVICES NEEDED PER NFPA #72. FIRE ALARM SYSTEM SHALL BE DESIGNED AND INSTALLED PER NFPA #72 STANDARDS AND BEST PRACTICES. CONTRACTOR TO PROVIDE COMPLETE OPERATIONAL NFPA #72 FIRE ALARM SYSTEM FOR FACILITY. CONTRACTOR SHALL BE REQUIRED TO ENSURE ALL DEVICES REQUIRED ARE INSTALLED PER PLANS, AND NFPA 72 REQUIREMENTS.
8. CONTRACTOR SHALL PROVIDE DOOR STOP HOLDERS WHERE REQUIRED.
9. CONTRACTOR TO INSTALL ALL WIRING, CONDUITS, ETC. FROM ALL DEVICE LOCATIONS, DETECTORS, HORN/STROBES, ANNUNCIATORS, ETC. TO ELECTRICAL ROOM AND/OR PANELS. FIRE SYSTEM CONTRACTOR NOT RESPONSIBLE FOR PULLING WIRES, AND INSTALLING CONDUIT.

= REVISION CLOUD DENOTES COMPLETE STOREFRONT SYSTEM TO BID. BIDS SHALL INCLUDE ALL REQUIRED COMPONENTS, HARDWARE, GLAZING, AND DOORS. ELECTRICAL POWER FOR DOOR OPENER PROVIDED BY OTHERS.



FIRST FLOOR PLAN
SCALE: 3/16" = 1'-0"



SECOND FLOOR PLAN
SCALE: 3/16" = 1'-0"

FOR CONSTRUCTION
12-05-2020

CARPENTER ASSOCIATES
CONSULTING ENGINEERS
687 STILLWATER AVENUE • OLD TOWN • MAINE 04468

REVISIONS

NO.	DATE	BY	DESCRIPTION

STATE OF MAINE
BRIAN J. CARPENTER
No. 7278
LICENSED
PROFESSIONAL ENGINEER

UNIVERSITY OF MAINE
GALLERY RENOVATION
ZILLMAN ART MUSEUM - NORUMBEGA HALL

FIRST AND SECOND FLOOR
FIRE PROTECTION PLANS

Drawn: JE
Checked: RK
Scale: AS NOTED
Date: 08-28-2020

Project No: 2020113

Sheet Number: 5

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