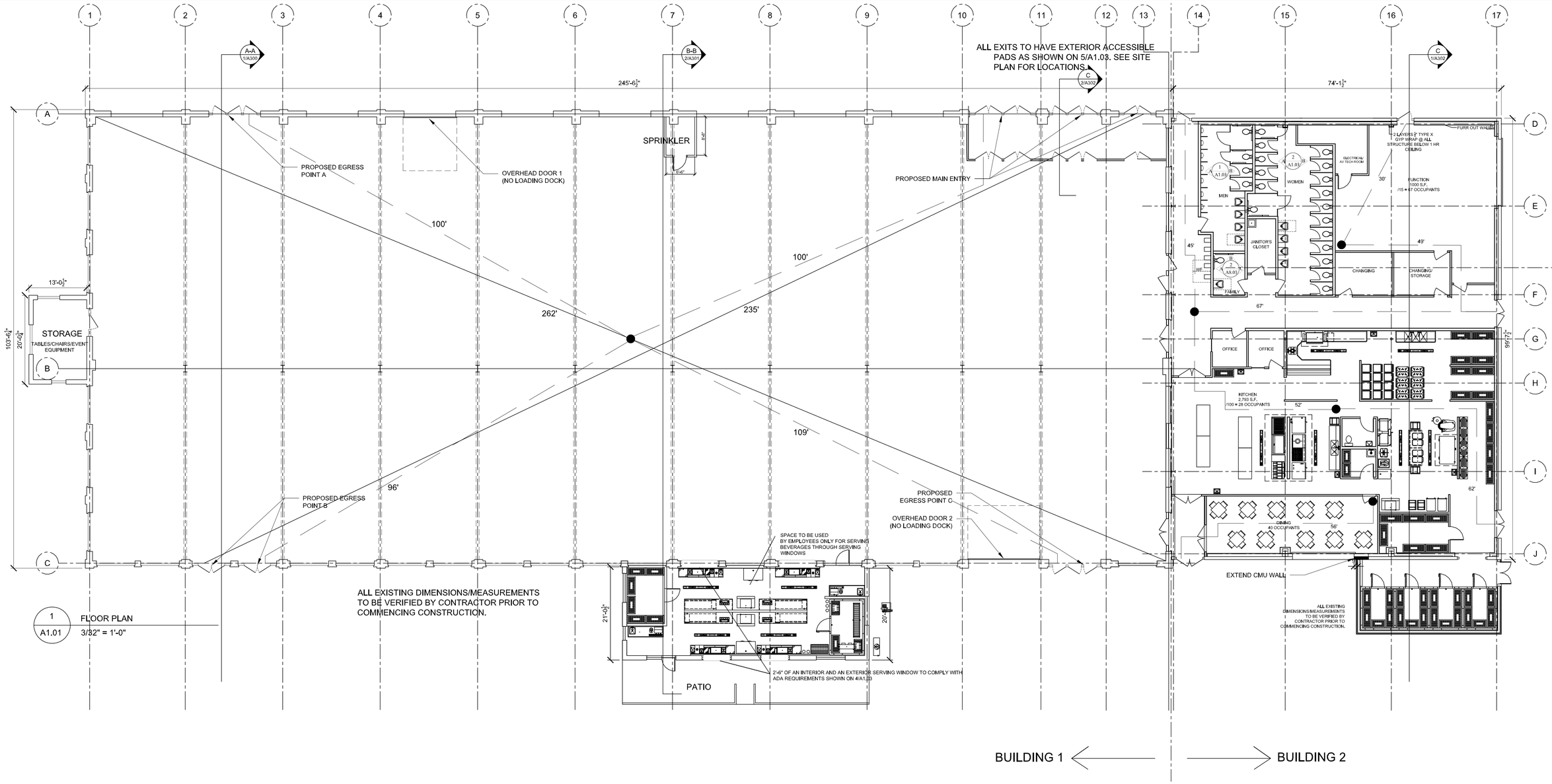


1 / A1.01 FLOOR PLAN
3/32" = 1'-0"

BUILDING 1

IBC 2009

3A CONSTRUCTION, 25,229 S.F.,
ALLOWABLE - 14,000(4) = 56,000 S.F. — TABLE 503, 506.3
NEW ASSEMBLY OCCUPANCY - A2 OR A3
OCCUPANCY - 2,500 - FOR BOTH BUILDINGS COMBINED (POSTED AND WRITTEN DOCUMENTATION)
INDIVIDUAL OCCUPANCIES OF ROOMS IN EAST ANNEX NOTED ON PLAN
(ACTUAL OCCUPANCY - ASSEMBLY - CONCENTRATED - 25,229 / 7 = 3,604 OCCUPANTS,
UNCONCENTRATED - 25,229 / 7 = 1,682 OCCUPANTS)

LEVEL 3 ALTERATION — IEBC 405

FINISHES - EXITS (B), ENCLOSED SPACES (C) — IBC TABLE 803.9
SPRINKLER REQUIRED — IBC 903.2.1.2, IBC 903.2.1.3, IBC 906.1 EX 1

NO FIRE EXTINGUISHER REQUIRED
SPACES WITH OCCUPANCY < 50 ONLY 1 EXIT
MEANS OF EGRESS ILLUMINATION REQUIRED — IBC 1006.1
ALL EXITS WILL HAVE ACCESSIBLE EXITING — IBC 1007.1
EXIT SIGNS REQUIRED — IBC 1011.1
COMMON PATH OF TRAVEL <75' — IBC 1014.3
EXIT ACCESS TRAVEL DISTANCE <250' — IBC TABLE 1016.1

½ EXITS GROUPED
TRAVEL DISTANCE <250' (SPRINKLED) — IBC 1028.2, IBC 1028.7
AT LEAST 1 ACCESSIBLE ENTRANCE — IBC 3411.4.2

SYSTEM INITIATED ALARM REQUIRED W/ VOICE/ALARM — IBC 907.2.1.1

NFPA

CONSTRUCTION TYPE 3A - PROTECTION THROUGH PERFORMANCE ANALYSIS AND SPRINKLER SYSTEM - DONE BY FIRE RISK MANAGEMENT IN COORDINATION WITH CITY FIRE.
25,229 S.F.
NEW ASSEMBLY OCCUPANCY
OCCUPANCY - 2,500 (BOTH BUILDINGS, POSTED) — NFPA 12.7.9.3
DOES NOT EXCEED 1 PERSON IN 7' — NFPA 12.1.7.1.2
SPRINKLED — NFPA 12.3.5.2
CAPACITY FACTOR - LEVEL COMPONENTS - .2 — NFPA TABLE 7.3.3.1
2,500(.2) = 500"
500"/34" = 14.7 = 15 DOORS REQUIRED FOR EXITING (19 SHOWN)
½ EXIT DOORS TO BE GROUPED — NFPA 12.2.3.6.2
COMMON PATH OF TRAVEL <20' — NFPA 12.2.5.1.2
TRAVEL DISTANCE TO EXITS <250' — NFPA 12.2.6.2 EX.1
DEAD END CORRIDORS < 20' — NFPA 12.2.5.1.3
EMERGENCY LIGHTING REQUIRED — NFPA 12.2.9.1
SHOWN ON E102
COOKING EQUIPMENT PROTECTED — NFPA 9.2.3
FIRE ALARM REQUIRED — NFPA 12.3.4.1.1

FIXTURE COUNT FOR BOTH BUILDINGS

PLUMBING CALCULATIONS BASED ON AN ASSEMBLY A-2 OCCUPANCY OF 2,500 (TOTAL FOR MAIN ASSEMBLY BUILDING & EAST ANNEX COMBINED)
UPC

- MALES - 4 WC & 7 URINALS
- FEMALES - 18 WC (FAMILY TOILET TO COUNT)
- 1 FAMILY TOILET ROOM
- 6 DRINKING FOUNTAINS
- 1 SERVICE SINK

BUILDING 2

IBC 2009

3A CONSTRUCTION, 7,384 S.F.,
ALLOWABLE - 9,500(4) = 38,000 S.F., — TABLE 503, 506.3
NEW ASSEMBLY OCCUPANCY - A2 OR A3
OCCUPANCY - 2,500 - FOR BOTH BUILDINGS COMBINED (POSTED AND WRITTEN DOCUMENTATION)
INDIVIDUAL OCCUPANCIES OF ROOMS IN EAST ANNEX NOTED ON PLAN
OCCUPANCIES MARKED BY SPACE ON PLAN

LEVEL 3 ALTERATION — IEBC 405

FINISHES - EXITS (B), ENCLOSED SPACES (C) — IBC TABLE 803.9
SPRINKLER REQUIRED — IBC 903.2.1.2, IBC 903.2.1.3, IBC 906.1 EX 1

NO FIRE EXTINGUISHER REQUIRED
SPACES WITH OCCUPANCY < 50 ONLY 1 EXIT
MEANS OF EGRESS ILLUMINATION REQUIRED — IBC 1006.1
ALL EXITS WILL HAVE ACCESSIBLE EXITING — IBC 1007.1
EXIT SIGNS REQUIRED — IBC 1011.1
COMMON PATH OF TRAVEL <75' — IBC 1014.3
EXIT ACCESS TRAVEL DISTANCE <250' — IBC TABLE 1016.1

TRAVEL DISTANCE <250' (SPRINKLED) — IBC 1028.7
AT LEAST 1 ACCESSIBLE ENTRANCE — IBC 3411.4.2

FIRE EXTINGUISHER WITHIN 30' COMMERCIAL COOKING EQUIP — IBC 906.1 2
SYSTEM INITIATED ALARM REQUIRED W/ VOICE/ALARM — IBC 907.2.1.1

NFPA

CONSTRUCTION TYPE 3A
7,384 S.F.
NEW ASSEMBLY OCCUPANCY
OCCUPANCY - 2,500 (BOTH BUILDINGS, POSTED) — NFPA 12.7.9.3
EAST ANNEX OCCUPANCY PER SPACE, SEE PLAN — NFPA 12.1.7.1.2
SPRINKLED — NFPA 12.3.5.2
COMMON PATH OF TRAVEL <75' (OCCUPANT LOAD<50) — NFPA 12.2.5.1.2
TRAVEL DISTANCE TO EXITS <250' — NFPA 12.2.6.2 EX.1
DEAD END CORRIDORS < 20' — NFPA 12.2.5.1.3
EMERGENCY LIGHTING REQUIRED — NFPA 12.2.9.1
SHOWN ON E101
COOKING EQUIPMENT PROTECTED — NFPA 9.2.3
FIRE ALARM REQUIRED — NFPA 12.3.4.1.1

REGISTERED ARCHITECT WILLIAM REHNERT HOPKINS No. 1030 STATE OF MAINE
Date: 11/22/16

Prepared For:

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THOMPSON'S POINT, PORTLAND ME

Revisions: 8/12/2016 - RESPONSE TO CITY

Scale: 3/32" = 1'-0"

Date: 8-5-2016

PLANS

A1.01