WALL RATING LEGEND

—1—1— 1–HOUR SEPARATION WALLS

WALL RATINGS SHOWN ON THIS SHEET ARE CODE REQUIRED SEPARATION WALLS TO BE FULLY RATED WITH FIRE SEALANTS, FIRE DAMPERS AND FIRE TAPED. ALL OTHER WALLS ARE RATED AS A CONSTRUCTION TYPE ONLY AS INDICATED ON SHEET A060.

FIRE EXTINGUISHER LEGEND

☐F.E. SEMI–RECESSED WALL CABINET

☒F.E. FULLY–RECESSED WALL CABINET

⊸○F.E. WALL BRACKET MOUNT

NOTE: COORDINATE LOCATION OF FIRE EXTINGUISHERS WITH EQUIPMENT AT MECHANICAL AND ELECTRICAL ROOMS

LOAD CHART (IBC 1003. 2. 2. 2.)

IBC 103.2.2.2 IDENTIFIES OCCUPANT LOADS FOR VARIOUS SPACES. THE LOAD CHART CATAGORIZES REQUIREMENTS BASED ON AREA: AREA/LOAD FACTOR = OCCUPANTS.
FOR EXAMPLE C:45 MEANS CLASSROOM WITH 45 OCCUPANTS.

TYPE	LOAD FACTOR	ABBR.
CLASSROOM	20 NET	C
BUSSINESS	100 GROSS	B
ACCESSORY STORAGE MECHANICAL EQUIP.	300 GROSS	S
ASSEMBLY CONCENTRATED	7 NET	AC
ASSEMBLY–UNCONCENTRATED	15 NET	AH
ASSEMBLY FIXED		AF
LIBRARY	50 NET	L
LOCKER ROOM	50 GROSS	LR
EXCERCISE	50 GROSS	ER
KITCHEN	200 GROSS	K

CODE SUMMARY

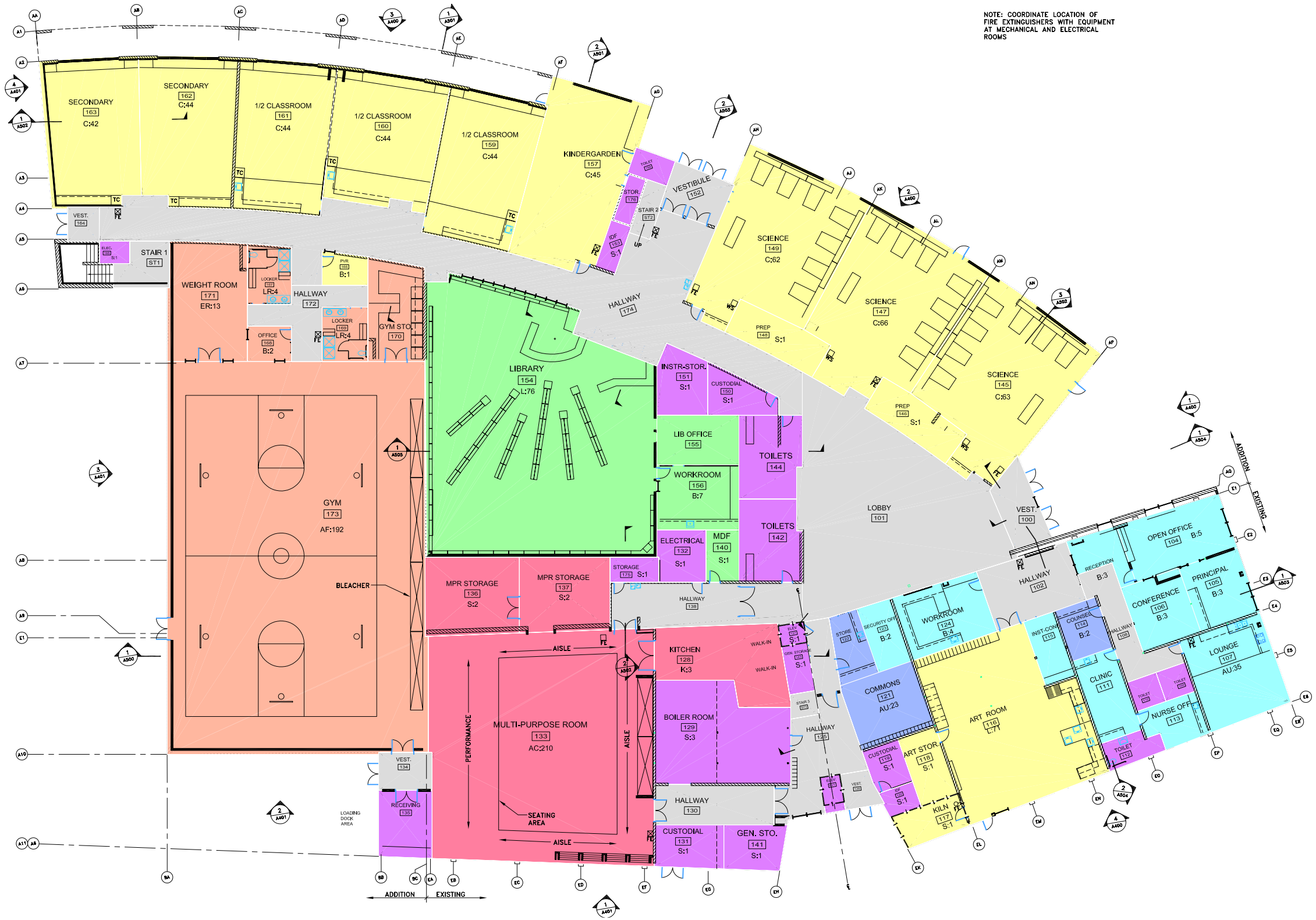
1. LOAD COUNT FOR EGRESS WIDTH: IN A BUILDING REQUIRED W/ A FULLY AUTOMATIC SPRINKLER SYSTEM:

CLASSROOMS = 611 PEOPLE
OFFICE = 22 PEOPLE
COMMONS = 45 PEOPLE
678 PEOPLE

REQUIRED MINIMUM WIDTH FOR STAIRS TOTAL 678 X .2 = 135'.6", ACTUAL WIDTH OF STAIRS TOTALS 187" (STAIR 1 = 60", STAIR 2 = 56", STAIR 3 = 71") STAIR WIDTH EXCEEDS REQUIRED MINIMUM, 187" > 135'.6" = OK

REQUIRED MINIMUM WIDTH FOR OTHER EGRESS COMPONENTS TOTALS 678 X .15 = 101.7", ACTUAL WIDTH FOR DOORS/PATH TOTALS 199" (STAIR 1 COMPONENT = 64", STAIR 2 COMPONENT = 64", STAIR 3 COMPONENT =71") COMPONENT WIDTH EXCEEDS REQUIRED MINIMUM, 199" >101.7" = OK

NOTE: COORDINATE LOCATION OF FIRE EXTINGUISHERS WITH EQUIPMENT AT MECHANICAL AND ELECTRICAL ROOMS



1 A021 **REFERENCE CODE PLAN - FIRST FLOOR**

SCALE 3/32"=1'–0" (30x40 SHEET)

N

JOB NO. 21037_PK12 | CHECK: DGG
DESIGN: JTW, MPC
DRAWN: WVZ
DATE: 11–01–02
REVISIONS: -

McCOOL CARLSON GREEN
ARCHITECTURE · INTERIORS · DESIGN · SPACE PLANNING
601 W. 26TH AVENUE, ANCHORAGE, AK (907) 563-8474

SCHEMATIC DESIGN PHASE

SHEET NO. A021

POLARIS K-12 SCHOOL
1441 HOMER ROAD
ANCHORAGE SCHOOL DISTRICT

REFERENCE CODE PLAN
FIRST FLOOR