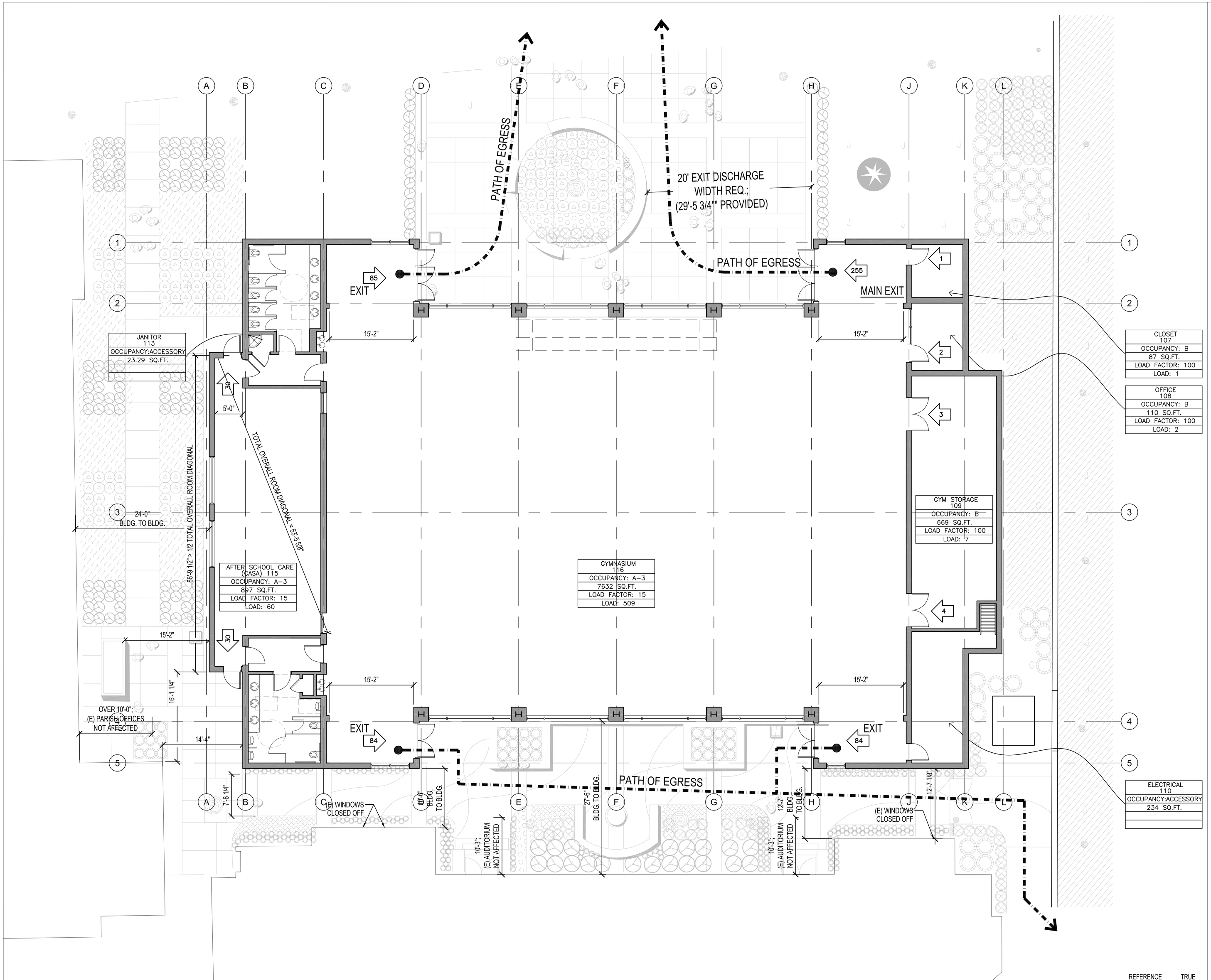

EXITING DIAGRAM

SCALE: 1/8" = 1'-0"

1 / A2.1

REFERENCE NORTH

TRUE NORTH

0' 4' 8' 16' 32'

S:\Projects\Schools\St. Matthew\CAD Drawings\A2.1

PROJECT DATA

SEE SHEET A0.1

LEGEND

000 — NO. OF OCCUPANTS & DIRECTION OF TRAVEL

EXIT CALCULATIONS

USE	NET AREA (SF)	OCC. LOAD FACTOR	OCC. LOAD
OFFICES	105.75	1/100	2
STORAGE	197	1/100	8
CASA	897	1/15	60
GYMNASIUM	7632	1/15	509
		TOTAL	579

EXITS REQUIRED

EXIT WIDTH REQUIRED: 579 X (.2) =	115.8 INCHES
EXIT WIDTH PROVIDED:	384 INCHES
NUMBER OF EXITS REQUIRED:	3
NUMBER OF EXITS PROVIDED:	6

PLUMBING FIXTURE COUNT

PER CBC TABLE 2902.1: 1

SCENARIO 1: ONLY GYMNASIUM IS OCCUPIED

509 OCC. / 2 = 255 EACH MALE & FEMALE
255 MALE / 125 ==> 2 TOILETS, 2 LAVS
255 FEMALE / 65 ==> 4 TOILETS, 2 LAVS

SCENARIO 2: ONLY AFTER SCHOOL CARE IS OCCUPIED 1

60 OCC. / 2 = 30 EACH MALE & FEMALE
30 MALE / 125 ==> 1 TOILET, 1 LAV
30 FEMALE / 65 ==> 1 TOILET, 1 LAV

SCENARIO 3: BOTH SPACES OCCUPIED

570 OCC. / 2 = 30 EACH MALE & FEMALE
285 MALE / 125 ==> 3 TOILETS, 2 LAV
285 FEMALE / 65 ==> 5 TOILET, 2 LAV

TOTAL

MALE FIXTURES REQUIRED (MOST RESTRICTIVE): 3 TOILETS, 2 LAVS
MALE FIXTURES PROVIDED (MOST RESTRICTIVE): 2 TOILETS, 3 URINALS, 3 LAVS

FEMALE FIXTURES REQUIRED (MOST RESTRICTIVE): 5 TOILETS, 2 LAVS
FEMALE FIXTURES PROVIDED (MOST RESTRICTIVE): 5 TOILETS, 4 LAVS

DRINKING FOUNTAINS REQUIRED: 2
DRINKING FOUNTAINS PROVIDED: 2 HI/LOW (4 TOTAL)

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New School Gymnasium For:

Saint Matthew

Catholic Church

One Notre Dame Avenue, San Mateo, CA 94402

PA# 10-060 APNs: 034-232-340, 350, 370

Date:	2/2/11
Project Number:	611-101
Scale:	1/8"= 1'-0"
Drawn By:	Staff

No.	Revision	Date
9	Planning Submittal	10.14.11
8	Study Session	08.23.11
7	Planning Revision 1	02.02.11
6	Planning Submittal	12.08.10
5	Planning Submittal	12.18.08
4	Planning Submittal	07.24.08
3	Planning Submittal	01.24.08
2	Planning Submittal	09.14.07
1	Planning Submittal	06.07.07

Exiting Diagram

A2.1

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