

Project Impact Report

Traffic:

It is estimated that 24 more cars will visit the site twice a day.
4 employee, 20 student drop off

Peak Traffic	8:00 am – 8:30 am - 120 cars	add 12 cars with addition - new peak 132
	2:45 pm – 3:00 pm – 100 cars	add 12 cars with addition - new peak 112
24 hour count	250 cars	add 24 cars with addition – new 24 hr count 274

Drainage:

Existing impervious area estimated at:	33,572 sf building
	61,218 sf paving
	<hr/>
	94,790 sf total

Added impervious area estimated at:	3,746 sf building
	6,128 sf sport court surface
	<hr/>

9,784 sf total added approx. 10% added to site

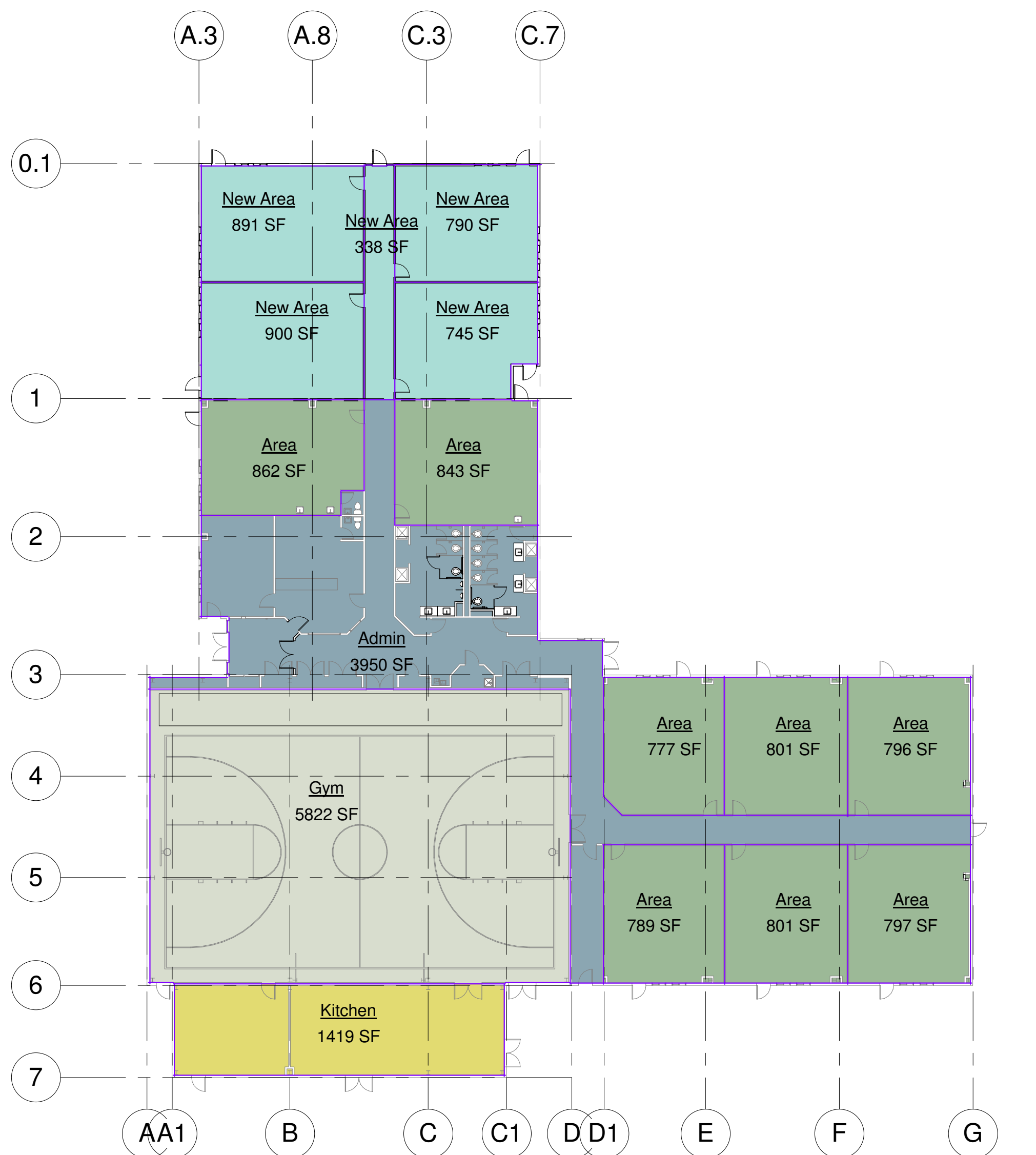
Existing grass drainage basin will be modified to accommodate added impervious surface drainage.

Water:

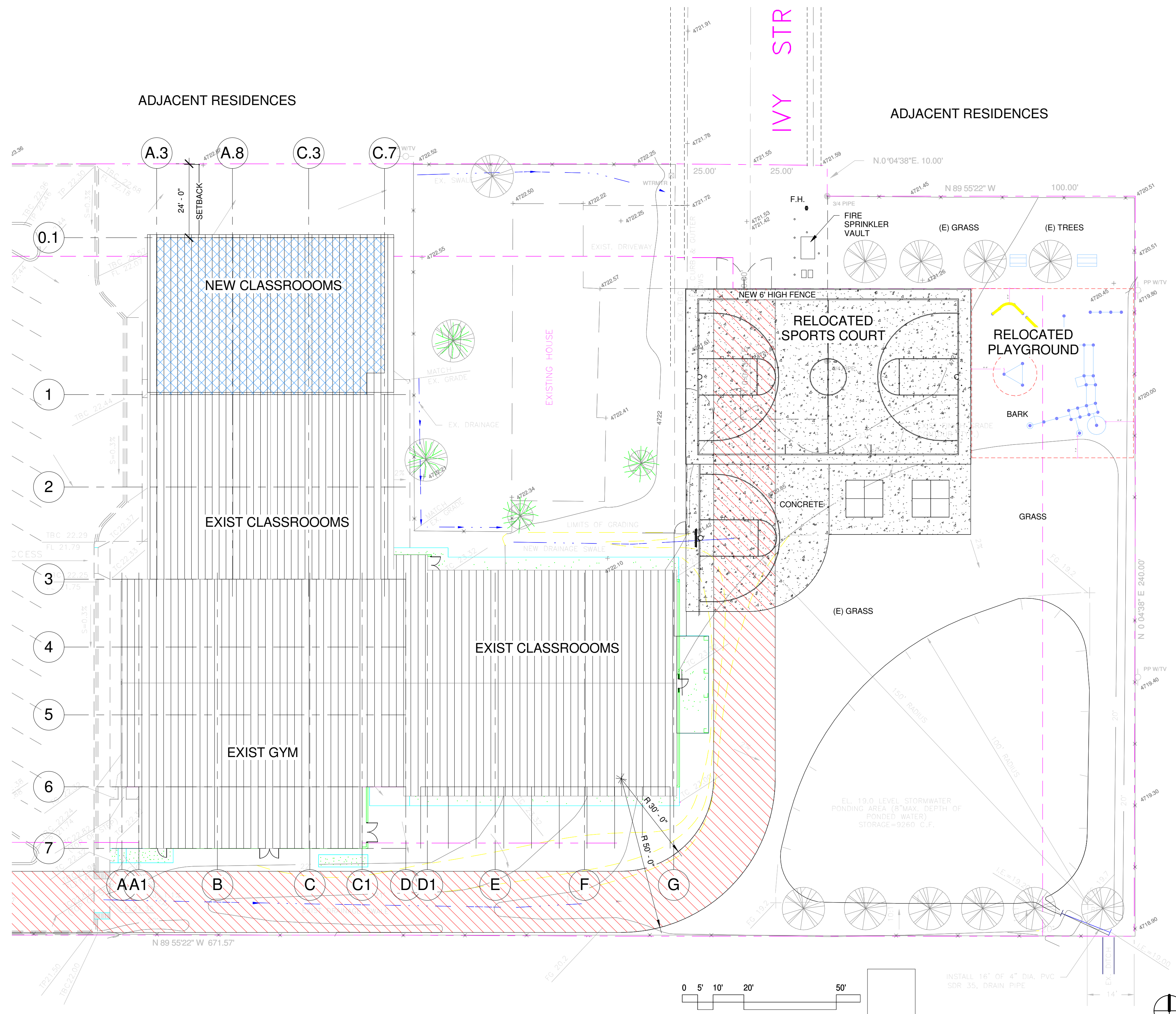
231 GPD added to project, see calculation attached

Sewer:

231 GPD added to project, see calculation attached



2 Area Plan
3/64" = 1'-0"



1 Enlarged Site
1" = 20'-0"

Revision Schedule		
Revision Number	Revision Description	Revision Date

Bethlehem Lutheran Church & School
Classroom Addition

Enlarged Site Plan

Project number
Date 7-28-15
Drawn by JPC
Checked by JPC

A102
Scale As indicated

Owner:
Bethlehem Lutheran Church
1837 Mountain St
Carson City, NV 89703
775-882-5252

Applicant:
Bethlehem Lutheran School
1845 Mountain St
Carson City, NV 89703
775-882-5252

Request:
Special Use Permit
Add Four Classrooms to
Existing School

Location:
1845 Mountain St
Carson City, Nevada 89703
A.P.N. 001-111-33

Zoning:
Single Family 6000 (SF6)
Master Plan Land Use
Designation:
Medium Density Residential
(MDR)

A.P.N. 001-111-33
Prepared By:
J.P. Copoulos, Architect

ADJACENT RESIDENCES