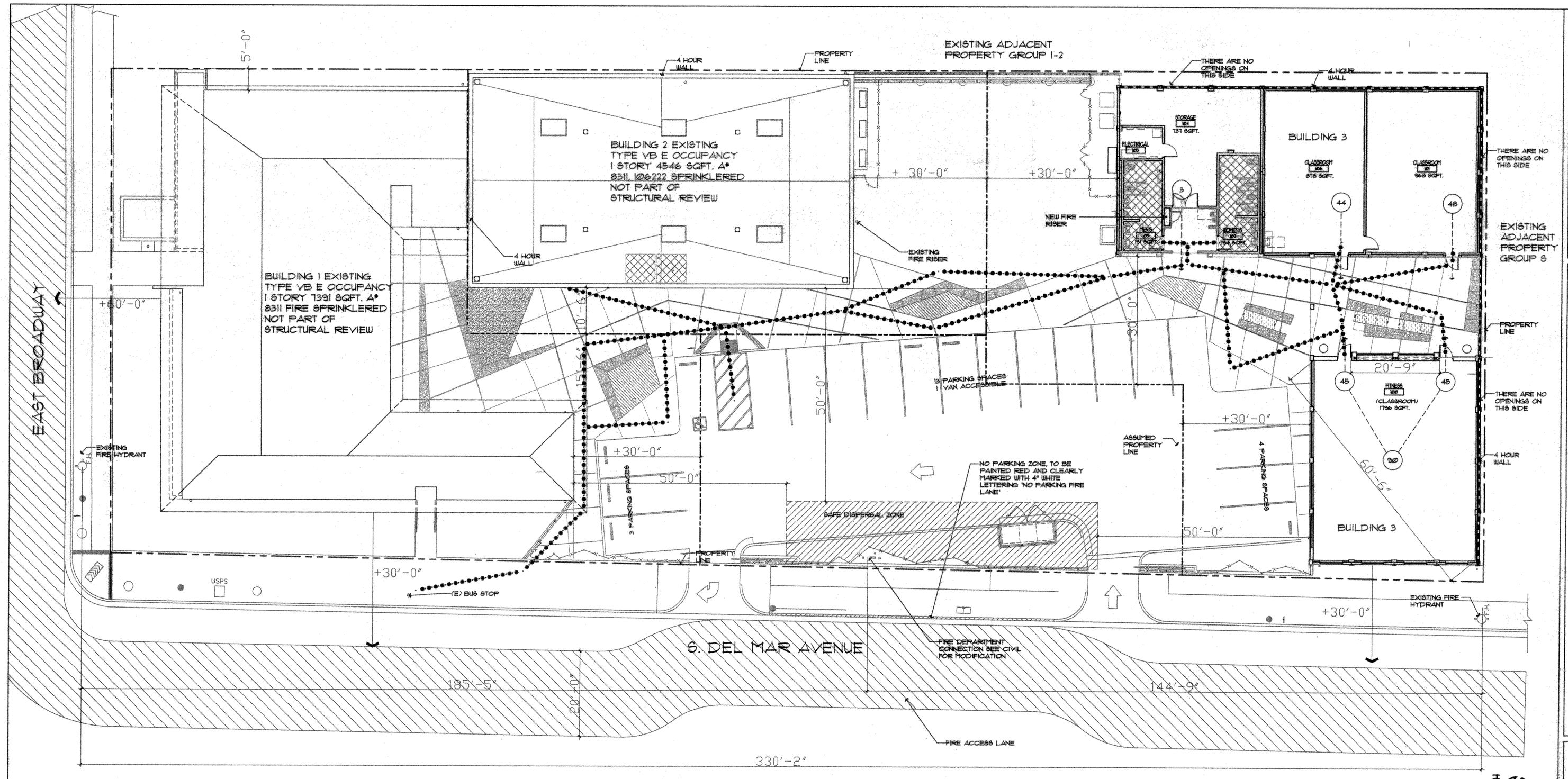

SITE PLAN ANALYSIS

3/32" = 1'-0"

2 T0.3

EXITING ANALYSIS: BUS DEPOT CONVERSION

PLAN SYMBOL		AREA (SF)	LOAD FACTOR SF	OCCUPANT LOAD	EXIT WIDTH REQ. (OCC. LOAD X .15) (OR PER CODE)	EXIT WIDTH PROVIDED	NOTES
100	FITNESS ROOM	1786	20	90	72	72	TWO DOORS REQUIRED PER TABLE 1015.1
101	CLASSROOM 1	968	20	48	7	36	32" MIN PER C.B.C. 1133B.1.1.1
102	WOMEN'S RESTROOM	154				36	32" MIN PER C.B.C. 1133B.1.1.1
103	MEN'S RESTROOM	191				36	32" MIN PER C.B.C. 1133B.1.1.1
104	STORAGE SPACE	137	300	3	1	72	32" MIN PER C.B.C. 1133B.1.1.1
106	CLASSROOM 2	878	20	44	7	36	32" MIN PER C.B.C. 1133B.1.1.1
	TOTAL	4164		185			

EXITING ANALYSIS

SCALE: NONE

5 T0.3

PARKING ANALYSIS:

TOTAL PARKING SPACES =20, MEETS CODE REQUIREMENTS PER C.B.C. TABLE 11B-6

TOTAL PARKING PROVIDED
VISITOR & STAFF PARKING =20
(INCLUDING ACCESSIBLE)

TOTAL REQUIRED ACCESSIBLE PARKING =1

MINIMUM REQUIRED
VAN ACCESSIBLE PARKING =1

PROVIDED ACCESSIBLE VAN PARKING =1

TOTAL PROVIDED ACCESSIBLE PARKING =1

PARKING CALCULATION

SCALE: NONE

7 T0.3

BUILDING 3

OCCUPANCY: E-1

STORIES: 1

GROSS AREA: 4164 S.F. (BUILDING)
277 S.F. (CANOPY)
5041 S.F. (TOTAL)

CONSTRUCTION: TYPE V, B = 9,500 S.F.

AREA ANALYSIS: S.F BASIC ALLOWABLE FLOOR AREA (503) FOR TYPE V, B
NO AREA MODIFICATION NEEDED

FIRE SPRINKLERS: YES, FULLY AUTOMATIC 5086 S.F. < 9500S.F., OK

AREA SEPARATION - TABLE 508.3.3 (HOURS)		
OCCUPANCY (TABLE 503)	REQUIRED E-1	PROVIDED E-1
B	1 HR	EXISTING 4 HR
I-2	1 HR	EXISTING 4 HR
S-1	1 HR	EXISTING 4 HR

PROJECT/ BUILDING DATA

SCALE: NONE

4 T0.3

ALL FIRE APPARATUS ACCESS ROADS (LANES) SHALL BE A MINIMUM OF 20-FEET WIDTH AND AN UNOBSTRUCTED VERTICAL CLEARANCE OF 13-FEET, 6-INCHES. ALL CURBS ADJACENT TO FIRE LANES SHALL BE PAINTED RED AND MARKED 'FIRE LANE - NO PARKING'.

ALL FIRE APPARATUS ACCESS ROADS (LANES) SHALL BE ALL-WEATHER COMPLIANT SURFACING. PAVEMENT DESIGN SHALL BE IN COMPLIANCE FOR AN IMPOSED LOAD OF 73,000-POUNDS MINIMUM.

GATE LOCKING DEVICE AND KEYING, AND KNOX-BOX KEY STORAGE LOCATION, SHALL BE APPROVED BY THE CITY OF SAN BERNARDINO FIRE DEPARTMENT (FIRE PREVENTION DIVISION). A KNOX-BOX SHALL BE LOCATED IN A READILY VISIBLE LOCATION ON THE BUILDING WALL. A SECOND KNOX-BOX IS TO BE LOCATED NEAR THE FIRE LANE ACCESS GATES.

REFER TO THIS PLAN, AND CIVIL SITE UTILITY PLANS, FOR ON-SITE AND OFF-SITE FIRE HYDRANT LOCATIONS. REFER TO CIVIL DETAILS FOR FIRE SERVICE AND FIRE HYDRANT TYPICAL DETAILS.

THE REQUIRED FIRE FLOW FOR A NEW FIRE HYDRANT IS 1500 GPM, AT 20 PSI RESIDUAL PRESSURE, FOR A DURATION OF 2 HOURS OVER AND ABOVE MAXIMUM DAILY DOMESTIC DEMAND.

ALL STRUCTURES SHALL BE WITHIN 300-FEET OF AN APPROVED FIRE HYDRANT

STREET ADDRESS SHALL BE PERMANENTLY MOUNTED AND DISPLAYED, EITHER ON THE BUILDING ELEVATION OR A FREE-STANDING SIGN/MONUMENT, READILY VISIBLE FROM THE PUBLIC STREET. ADDRESS NUMERALS SHALL BE 12-INCHES HIGH, 3/4-STROKE MINIMUM.

ALL BUILDINGS SHALL HAVE INDIVIDUAL LETTER OR NUMERAL IDENTIFICATION WITH PERMANENTLY MOUNTED, AND READILY VISIBLE. CHARACTERS NOT LESS THAN 6-INCHES IN HEIGHT, 1/4-INCH STROKE MINIMUM.

SCHOOL SHALL HAVE A FULLY AUTOMATIC FIRE PROTECTION AND FIRE ALARM SYSTEM WITH PULL-STATIONS IN ASSEMBLY AND ADMINISTRATION AREAS APPROVED BY THE DIVISION OF THE STATE ARCHITECT.

CONSTRUCTION PHASE - EXISTING SCHOOL OCCUPIED
EXISTING SCHOOL ACCESS IS PROVIDED BY FIRE LANE INTO THE SCHOOL SITE. PROPOSED FIRE LANES ARE WITHIN 300-FEET OF THE EXISTING FIRE HYDRANTS.

CONSTRUCTION PHASE - EXISTING SCHOOL DEMOLITION PHASE
FIRE VEHICLE ACCESS TO THE SITE IS ALONG STREET.

GENERAL NOTES

SCALE:

3 T0.3

LOCAL FIRE AUTHORITY REVIEW

LOCAL FIRE AUTHORITY TO INITIAL THE ITEMS AS APPLICABLE TO THIS PROJECT AND SIGN BELOW.

DSA APPLICATION #: 03-112620

YES	NO	N/A	
			ELEVATORS
			ELEVATORS THAT DO NOT HAVE CABS SIZED PER 2007 CBC CODE REQUIREMENTS HAVE BEEN IDENTIFIED AND THE LOCAL FIRE AUTHORITY APPROVES THE USE OF STAIRWAYS FOR EMERGENCY RESCUE AND PATIENT TRANSPORT.
			ACCESS ROADS, FIRE HYDRANTS, AND WILDLAND URBAN INTERFACE (WUI)
DM			ACCESS ROADS AND GATE ENTRANCES ARE IN ACCORDANCE WITH TITLE 19, CALIF. CODE OR REGULATIONS - ACCESS ROADS + 2007 CFC - GATE ENTRANCES TO SCHOOL SITES.
DM			FIRE FLOW, FIRE HYDRANT LOCATION AND DISTRIBUTION ARE IN ACCORDANCE WITH 2007 CALIFORNIA FIRE CODE AND/OR NFPA 1142.
			WILDLAND URBAN INTERFACE AREA? (2007 CBC CHAPTER 7A).
			AUTOMATIC FIRE SPRINKLER SYSTEMS
DM			THE LOCATION(S) OF THE PROPOSED POST INDICATOR VALVE (PIV) AND FIRE DEPT. CONNECTION (FDC) MEET THE REQUIREMENTS OF THIS JURISDICTION.
DM			THE LOCATION(S) OF THE DETECTOR CHECK VALVE ASSEMBLY (DCVA) MEET THE REQUIREMENTS OF THIS JURISDICTION.
			THE FIRE PUMP ASSEMBLY/BACKFLOW PREVENTER AND OTHER VALVES MEET THE REQUIREMENTS OF THIS JURISDICTION

LOCAL FIRE AUTHORITY INFORMATION

AGENCY NAME: SAN GABRIEL FIRE DEPARTMENT

ADDRESS: 1303 SOUTH DEL MAR AVENUE

CITY/STATE/ZIP: SAN GABRIEL, CA. 91776 DATE: 2/19/10

PHONE NUMBER: 626-308-2820

APPROVAL ISSUED BY: Don Berry

RANK/TITLE: Deputy Fire Marshal

COMMENTS:

INITIALS AND A SIGNATURE ABOVE SIGNIFY THAT THE LOCAL FIRE AUTHORITY HAS REVIEWED THE LISTED ITEMS AND WAS CONSULTED REGARDING THEIR PLACEMENT AND DESIGN. THE CURRENT CONFIGURATION SHOWN ON THIS SITE PLAN, AS OF THIS DATE, MEETS WITH THEIR CURRENT STANDARDS. LOCAL STAMPS W/SIGNATURE INDICATES ALL ITEMS ABOVE HAVE BEEN REVIEWED.

LOCAL FIRE APPROVAL

SCALE: NONE

1 T0.3

LEGEND

SCALE: NONE

6 T0.3

- RESTROOMS
- FIRE ACCESS LANE
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION, FIV
- PATH OF TRAVEL
- ASSUMED PROPERTY LINE
- PROPERTY LINE
- RATED WALL

San Gabriel Unified School District

408 Junipero Serra
San Gabriel, CA 91776

IBI GROUP

ARCHITECTS ENGINEERS PLANNERS

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Fax 949-833-5511

STRUCTURAL ENGINEER:
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Costa Mesa, CA 92626
Phone 714-979-3003
Fax 714-979-3259

MECHANICAL ENGINEER:
Fundament & Associates
26 Executive Park #100
Irvine, CA 92614
Phone 949-251-1131
Fax 949-251-9434

ELECTRICAL ENGINEER:
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Newport Beach, CA 92660-3189
Phone 949-852-9995
Fax 949-852-1657

CIVIL ENGINEER:
Snipes-Dye Associates
8348 Center Drive, Suite G
La Mesa, CA 91942-2910
Phone 619-697-9234
Fax 619-460-2033

LANDSCAPE ENGINEER:
IBI Group
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Salt Lake City UT 84111 USA
Phone 801-532-4233
Fax 801-532-4231

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-112620
AC FLS SS
DATE

LICENSED ARCHITECT KEVIN S. FLEMING NO. C26668 08-31-11 RENEWAL DATE STATE OF CALIFORNIA

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Written dimensions shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and the Architect shall be informed of any variations from the dimensions and conditions show on the drawing. Shop drawings shall be submitted to the Architect for approval before proceeding with fabrication.

Del Mar High School

312 Del Mar Ave
San Gabriel, CA 91776

EXITING ANALYSIS
PROJECT/ BUILDING DATA &
LOCAL FIRE APPROVAL

Project Number	20318
Date	FEBRUARY, 2010
Drawn By	
Checked By	

T0.3

Scale