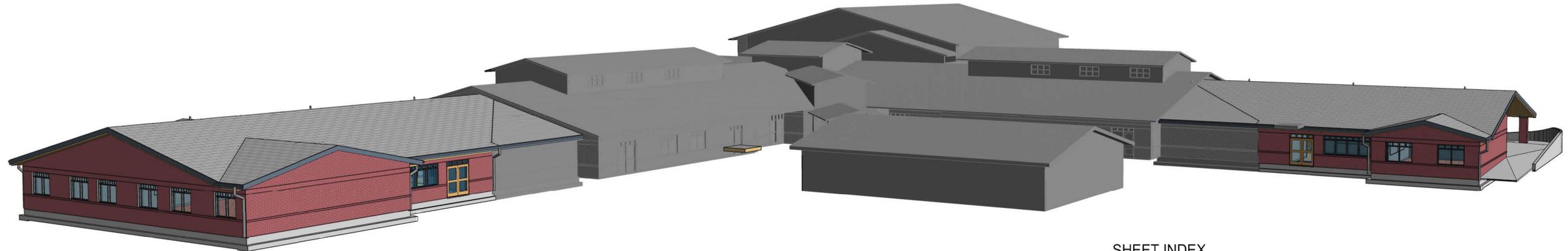


# FRANKLIN ELEMENTARY SCHOOL ADDITION

## VANCOUVER SCHOOL DISTRICT #37 BID SET -- AUGUST 19TH, 2019



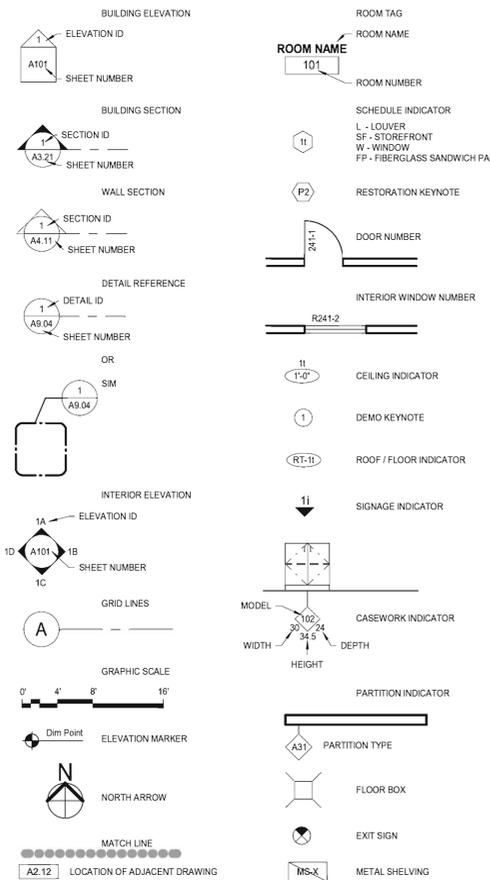
### GENERAL NOTES

- VERIFY AND COORDINATE SITE CONDITIONS, EXISTING BUILDING CONDITIONS, AND DIMENSIONS. BRING INCONSISTENCIES TO ATTENTION OF ARCHITECT BEFORE PROCEEDING WITH WORK.
- IMMEDIATELY BRING INCONSISTENCIES, ERRORS AND OMISSIONS FOUND IN THE DRAWINGS AND SPECIFICATIONS TO ATTENTION OF ARCHITECT.
- DO NOT SCALE DRAWINGS. COORDINATE DIMENSIONS SHOWN ON DRAWINGS WITH ACTUAL FIELD MEASUREMENTS. NOTIFY ARCHITECT OF DISCREPANCIES.
- ALL DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE AND NOMINAL FACE OF MASONRY, AND CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
- WORK INSTALLED IN CONFLICT WITH CONSTRUCTION DOCUMENTS WILL BE CONSIDERED IN NON-COMFORMANCE AND SHALL BE CORRECTED AT NO EXPENSE TO OWNER OR ARCHITECT.
- COORDINATION: COORDINATE WORK TO COMPLY WITH DRAWINGS AND SPECIFICATIONS, INCLUDING MECHANICAL, ELECTRICAL, EQUIPMENT AND OTHER CONSTRUCTION.
- FOLLOW MANUFACTURER'S INSTRUCTIONS, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED OR REQUIRED BY CONSTRUCTION DOCUMENTS OR APPLICABLE CODES, ORDINANCES AND REGULATIONS.
- PROVIDE AND INSTALL SOLID BLOCKING OR BACKING FOR ALL WALL AND CEILING MOUNTED ITEMS.
- PROVIDE INTERMEDIATE ROOF AND SHELF SUPPORTS FOR SPANS EXCEEDING 36".
- INSTALL OUTLETS, SWITCHES AND OTHER RECESSED ITEMS AT FIRE RATED WALLS IN ACCORDANCE WITH I.B.C.
- INSTALL GYPSUM BOARD, OR OTHER SHEATHING OR BACKER BOARD AS SCHEDULED OR INDICATED, ON BOTH SIDES OF WALL FRAMING UNINTERRUPTED FROM FLOOR TO UNDERSIDE OF FLOOR OR ROOF DECK, UNLESS NOTED OTHERWISE.
- ATTACH PIPING IN SOUND RATED WALLS WITH VIBRATION ISOLATORS. ISOLATE PIPING IN CONTACT WITH CONSTRUCTION.
- MOUNT ELECTRICAL WIRING DEVICES AND MECHANICAL TEMPERATURE SENSORS AT HEIGHTS PER SPECIFICATIONS. VERIFY SWITCH, OUTLET AND OTHER DEVICE HEIGHTS TO CLEAR CASEWORK, RADIATORS AND WALL MOUNTED ITEMS, INCLUDING BACK SPLASHES.
- ISOLATE AND OFFSET OUTLETS ONE STUD SPACE MINIMUM AT SOUND RATED WALLS TO PREVENT SOUND TRANSMISSION.
- COORDINATE SIZES AND LOCATIONS OF OPENINGS AND ROUGH-INS FOR MECHANICAL, ELECTRICAL AND OTHER EQUIPMENT WITH RELATED SUB-CONTRACTORS, AND SHOP DRAWINGS APPROVED BY THE ARCHITECT, BEFORE PROCEEDING WITH THE WORK.
- VERIFY SIZES AND LOCATIONS OF MECHANICAL AND ELECTRICAL EQUIPMENT PADS, CURBS, BASES, POWER, WATER AND DRAIN INSTALLATION WITH EQUIPMENT MANUFACTURERS BEFORE PROCEEDING WITH THE WORK. PROVIDE AND INSTALL SEISMIC BRACING & FASTENING IN ACCORDANCE WITH CODE REQUIREMENTS.
- COORDINATE EXACT LOCATION OF CONDUIT, PLUMBING AND PIPING WITH ELECTRICAL AND MECHANICAL SUBCONTRACTORS.
- EXIT DOORS: OPERABLE FROM INSIDE BUILDING WITHOUT USE OF KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- EXIT SIGN LETTERS: SIX INCHES HIGH MINIMUM. CONFORM WITH APPLICABLE CODES.
- FINISHES: IN FINISHED INTERIOR AREAS: NO EXPOSED PIPE, CONDUITS, DUCTS, VENTS, ETC. UNLESS NOTED OTHERWISE. CONCEAL UTILITY LINES BEHIND FINISHED CONSTRUCTION UNLESS NOTED AS EXPOSED CONSTRUCTION ON DRAWINGS OR APPROVED BY ARCHITECT. IF AFOREMENTIONED WORK CANNOT BE CONCEALED WITHIN FINISHED CONSTRUCTION OF THE CONTRACT DOCUMENTS THE CONTRACTOR SHALL PROVIDE & INSTALL FURRED & FINISHED HORIZONTAL & VERTICAL CHASES TO MATCH ADJACENT FINISH TO CONCEAL WORK. COORDINATE WITH ARCHITECT.
- OFFSET AND ADJUST FRAMING TO MAKE FINISHED SURFACES FLUSH AND TRUE TO LINE.
- PROVIDE GALVANIC ISOLATION BETWEEN DISSIMILAR METALS.
- ELECTRICAL PERMIT AND INSPECTION MUST BE OBTAINED THROUGH WASHINGTON STATE DEPARTMENT OF LABOR AND INDUSTRIES ELECTRICAL SECTION.
- CORNER GUARDS ARE SHOWN ON FINISH PLANS.

### FIRE PROTECTION GENERAL NOTES

- FIRE EXTINGUISHER CABINETS, EXIT SIGNS, FIRE ALARM AND FIRE PROTECTION SYSTEM COMPONENTS SHALL BE LOCATED IN CONFORMANCE WITH CITY OF VANCOUVER FIRE DEPARTMENT AND OTHER REGULATORY REQUIREMENTS.
- PROVIDE AND INSTALL FIRE-RESISTIVE JOINT SYSTEMS, FIRE BLOCKS, DRAFT STOPS, AND FIRESTOP SYSTEMS IN ACCORDANCE WITH I.B.C.
- FIRE PROTECTION: PROVIDE AUTOMATIC FIRE SUPPRESSION SPRINKLER SYSTEM THROUGHOUT, IN ACCORDANCE WITH APPLICABLE CODES, REGULATIONS, AND ORDINANCES.
- SPRINKLER SYSTEM TO BE APPROVED BY CITY OF VANCOUVER FIRE DEPARTMENT AND OTHER REGULATORY AGENCIES PRIOR TO INSTALLATION. OBTAIN ARCHITECT'S APPROVAL OF FIRE PROTECTION DRAWINGS PRIOR TO SUBMITTAL FOR FIRE DEPARTMENT REVIEW.
- RUN FIRE PROTECTION MAIN LINES AND INSPECTOR TEST LINES OUT BEYOND BUILDING LINES. DO NOT DRAIN WATER ACROSS SIDEWALK OR OTHER CONCRETE SURFACES.
- PROVIDE DESIGN BUILD FIRE PROTECTION DRAWINGS AND ENGINEERING AS REQUIRED BY CONSTRUCTION DOCUMENTS AND CITY OF VANCOUVER FIRE DEPARTMENT.
- COORDINATE INSTALLATION OF FIRE PROTECTION SYSTEM WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND OTHER WORK TO ENSURE NO CONFLICT AS A RESULT OF FIRE PROTECTION SYSTEM INSTALLATION.

### GRAPHIC SYMBOLS



### ARCHITECTURAL ABBREVIATIONS

ACP	ACOUSTICAL CEILING PANEL	L	LENGTH / ANGLE (AS STRUCTURAL SHAPE)
ACT	ACOVE FINISH FLOOR	LB	LINEAR FOOT
ALUM	ALUMINUM	MAX	MAXIMUM
APPROX	APPROXIMATE	MDF	MEDIUM DENSITY FIBERBOARD
AVE	AVENUE	MDO	MEDIUM DENSITY OVERLAY
AVG	AVERAGE	MFR	MANUFACTURER
BLDG	BUILDING	MISC	MISCELLANEOUS
BOT	BOTTOM	MO	MASONRY OPENING
C	AMERICAN STANDARD CHANNEL	MET	METAL
CF/CI	CONTRACTOR FURNISHED / CONTRACTOR INSTALLED	NA	NOT APPLICABLE
CF/DI	CONTRACTOR FURNISHED / OWNER INSTALLED	NIC	NOT IN CONTRACT
CFT	CARPET	NR	NON RATED
CG	CORNER GUARD	NTS	NOT TO SCALE
CJ	CONTROL JOINT	OC	ON CENTER
CL	CENTER LINE	OD	OUTSIDE DIAMETER
CMU	CONCRETE MASONRY UNIT	OF/CI	OWNER FURNISHED, CONTRACTOR INSTALLED
COL	COLUMN	OF/OI	OWNER FURNISHED, OWNER INSTALLED
CONC	CONCRETE	OPNG	OPENING
CT	CERAMIC TILE	OPP	OPPOSITE
DEPT	DEPARTMENT	OZ	OUNCE
DF	DRINKING FOUNTAIN	P	PART
DIA	DIAMETER	PERP	PERPENDICULAR
DM	DIMENSION	PLAM	PLASTIC LAMINATE
DM FT	DIMENSION POINT	PLYWD	PLYWOOD
DN	DOWN	PNL	PANEL
DR	DOOR	PSF	POUNDS PER SQUARE FOOT
DW	DISHWASHER	PSI	POUNDS PER SQUARE INCH
DWG	DRAWING	RCP	REFLECTED CEILING PLAN
EA	EACH	REBAR	REINFORCING BAR
EL	ELEVATION	RM	ROOM
ELEC	ELECTRICAL	RO	ROUGH OPENING
ELEV	ELEVATOR	ROW	RIGHT OF WAY
EQUIP	EQUIPMENT	SCHED	SCHEDULE
EXST	EXISTING	SF	SQUARE FEET
EXT	EXTERIOR	SHTG	SHED
FA	FIRE ALARM	SH	SHED
FD	FLOOR DRAIN	SM	SIMILAR
FE	FIRE EXTINGUISHER	SPEC	SPECIFICATIONS
FEC	FIRE EXTINGUISHER CABINET	SST	STAINLESS STEEL
FOF	FACE OF FINISH	STC	SOUND TRANSMISSION CLASS
FOS	FACE OF STUDS	STD	STANDARD
FTG	FOOTING	SUSP	SUSPENDED
GA	GAUGE	T&G	TONGUE AND GROOVE
GC	GENERAL CONTRACTOR	TOC	TOP OF CURB / TOP OF CONCRETE
GWB	GYPSUM WALL BOARD	TYP	TYPICAL
GYP	GYPSUM	UL	UNDERWRITERS LABORATORIES
HW	HARDWOOD	UNO	UNLESS NOTED OTHERWISE
HM	HOLLOW METAL	VERT	VERTICAL
HORIZ	HORIZONTAL	VOL	VOLUME
ID	INSIDE DIAMETER	W/O	WITHOUT
IN	INCHES	WO	WOOD
INT	INTERIOR	WD	WINDOW
IT	JOINT	WT	WEIGHT

### PROJECT DATA

PROJECT ADDRESS: FRANKLIN ELEMENTARY SCHOOL  
5206 FRANKLIN ST, VANCOUVER, WA 98663

OWNER: VANCOUVER SCHOOL DISTRICT #37  
2901 FALK RD.  
VANCOUVER, WA 98661  
CONTACT: JENNIFER HALLECK, 360-313-1000

ARCHITECT OF RECORD: BASSETTI ARCHITECTS  
71 COLUMBIA ST, #501  
SEATTLE, WA 98104  
CONTACT: 206-340-9500

TAX PARCEL NO.: 37918110

JURISDICTION: CITY OF VANCOUVER  
FIRE DISTRICT: VANCOUVER FD  
SEWER DISTRICT: VANCOUVER  
WATER DISTRICT: VANCOUVER

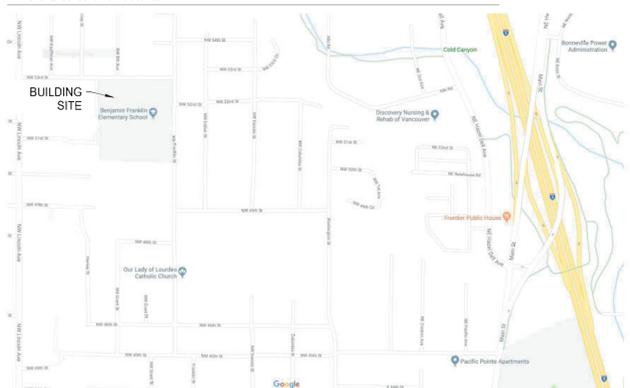
CODES: 2015 International Building Code w/ Washington Amendments - WAC 51-50  
2015 International Mechanical Code w/ Washington Amendments - WAC 51-52 - rev. 10/1/17  
2015 Uniform Plumbing Code w/ Washington Amendments - WAC 51-56  
2017 National Electrical Code w/ Washington Amendments - effective July 1, 2017  
2015 International Fuel Gas Code w/ Washington Amendments - WAC 51-52-21000  
2015 International Fire Code w/ Washington Amendments - WAC 51-54A  
ICC/ANSI A117.1-2009 Accessibility w/ WAC 51-50-1101.2  
2015 Washington State Energy Code - WAC 51-11 - rev. 10/1/17

PROPOSED USE: EDUCATIONAL K - 5TH GRADE  
OCCUPANCY: GROUP E  
TYPE OF CONSTRUCTION: TYPE VB  
FULLY SPRINKLERED AND FIRE ALARMS

### SHEET INDEX

Sheet Number	Sheet Name	Sheet Number	Sheet Name
GENERAL		STRUCTURAL	
G0.01	COVER SHEET	S0.00	PERSPECTIVE VIEWS
G1.01	ARCHITECTURAL SITE PLAN	S0.01	GENERAL NOTES
G2.00	CODE ANALYSIS PLANS	S0.02	GENERAL NOTES
		S0.03	GENERAL NOTES
CIVIL		S2.01	FOUNDATION AND GRADE LEVEL FRAMING PLANS
C000	COVER SHEET	S2.02	ATTIC FRAMING PLANS
C001	LEGEND & NOTES	S2.03	ROOF FRAMING PLANS
C002	EXISTING CONDITIONS	S3.01	FOUNDATION DETAILS
C003	EXISTING CONDITIONS	S3.02	FOUNDATION DETAILS
C004	DEMOLITION PLAN	S4.01	WOOD FRAMING DETAILS
C100	SITE PLAN	S4.02	WOOD FRAMING DETAILS
C101	SITE SURFACING PLAN	S4.03	WOOD FRAMING DETAILS
C102	SITE DETAILS	S4.04	WOOD FRAMING DETAILS
C200	GRADING, E.C. & STORM PLAN	S4.05	WOOD FRAMING DETAILS
C201	GRADING ENLARGEMENT	S4.06	WOOD FRAMING DETAILS
C202	GRADING ENLARGEMENT		
C203	E.C. NOTES & DETAILS	MECHANICAL	
C204	STORM DRAINAGE DETAILS	M0.01	MECHANICAL LEGEND
C300	UTILITY PLAN	M0.02	MECHANICAL SCHEDULES I
C301	SANITARY SEWER PROFILES	M1.00	PLUMBING COMPOSITE FLOOR PLAN
C302	SANITARY & WATER PROFILES	M1.01	HVAC COMPOSITE FLOOR PLAN
C400	SIGNING AND STRIPING PLAN	M2.00	PLUMBING UNDERGROUND PLANS
L100	LEVEL II TREE, VEGETATION AND SOIL PLAN	M2.01	PLUMBING FIRST FLOOR PLANS
L200	PLANTING PLAN VALUE	M3.01	HVAC FLOOR PLANS
L300	PLANTING NOTES & DETAILS	M3.02	HVAC ATTIC PLANS
ARCHITECTURAL DEMOLITION		M4.01	ENLARGED PIPING PLAN
AD1.01	DEMOLITION FLOOR PLANS	M5.01	MECHANICAL DETAILS
AD1.02	DEMOLITION ROOF PLANS	M6.01	HYDRONIC DIAGRAM
		M7.01	CONTROLS AND SEQUENCE OF OPERATIONS I
		MD1.01	HVAC DEMOLITION FLOOR PLANS
ARCHITECTURAL		ELECTRICAL	
A1.00	COMPOSITE FLOOR PLAN	E0.01	ELECTRICAL LEGEND
A2.01	FLOOR PLANS	E0.02	LIGHTING FIXTURE SCHEDULE
A2.03	OVERALL ROOF PLAN	E0.03	LIGHTING CONTROL DIAGRAMS
A2.04	ROOF PLANS	E1.01	ELECTRICAL SITE PLAN
A3.01	OVERALL BUILDING ELEVATIONS & SECTIONS	E1.02	SYSTEMS OVERALL FLOOR PLAN
A3.11	BUILDING ELEVATIONS	E2.01	LIGHTING REFLECTED CEILING PLANS
A3.21	NORTH ADDITION BUILDING SECTIONS	E2.11	LIGHTING REFLECTED MEZZANINE PLANS
A3.22	WEST ADDITION BUILDING SECTIONS	E3.01	POWER FLOOR PLANS
A4.01	NORTH ADDITION WALL SECTIONS	E3.11	POWER FLOOR MEZZANINE PLANS
A4.03	WEST ADDITION WALL SECTIONS	E3.12	ENLARGED ELECTRICAL PLANS
A5.10	DOOR, WINDOWS, FRAMES, TYPES AND SCHEDULES	E4.01	SYSTEMS FLOOR PLANS
A5.11	DOOR AND WINDOW DETAILS	E5.01	ELECTRICAL ONE-LINE DIAGRAM
A5.31	EXTERIOR DETAILS	E6.11	PANEL SCHEDULES
A5.32	ROOF DETAILS	E6.12	PANEL SCHEDULES
A6.11	ENLARGED TOILET PLANS AND ELEVATIONS	E7.01	ELECTRICAL DETAILS
A7.01	INTERIOR ELEVATIONS	E7.02	SYSTEMS DETAILS
A7.02	INTERIOR ELEVATIONS & CASEWORK TYPE	E03.01	POWER DEMOLITION PLANS
A8.01	REFLECTED CEILING PLAN	E04.01	SYSTEM DEMOLITION PLANS
A9.10	WALL, PARTITION, ROOF AND CEILING TYPES		
A10.00	SIGNAGE DETAILS & SCHEDULE	FIRE ALARM	
		FA0.01	FIRE ALARM SYSTEM LEGEND & NOTES
		FA1.01	FIRE ALARM RISER DIAGRAM AND NOTES
		FA1.11	FIRE ALARM SYSTEM FLOOR PLANS
		FA1.12	FIRE ALARM SYSTEM MEZZANINE PLANS
		FA1.13	FIRE ALARM SYSTEM DEMOLITION PLANS
		FIRE PROTECTION	
		FX1.01	FIRE PROTECTION CONCEPT FLOOR PLAN
		FX1.02	FIRE PROTECTION REFERENCE PLANS
		FX1.03	FIRE PROTECTION REFERENCE PLANS

### VICINITY MAP



ONE INCH  
AT FULL SIZE

REVISIONS	DATE

## FRANKLIN ELEMENTARY SCHOOL ADDITION

5206 NW Franklin St,  
Vancouver, WA 98663

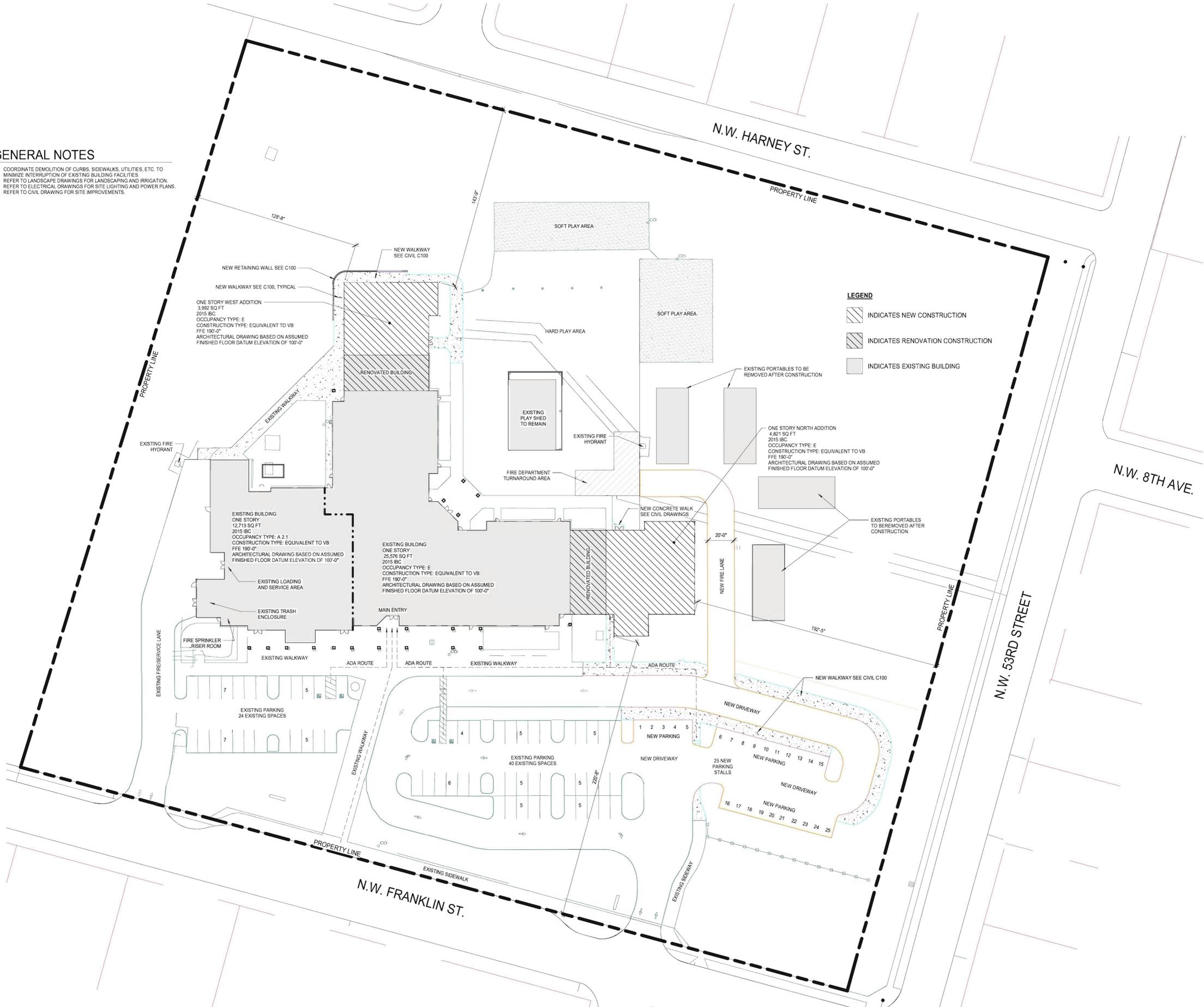
JOB NO: 1806  
ISSUE DATE: 08/19/2019  
Stamp Area

### COVER SHEET

G0.01

**GENERAL NOTES**

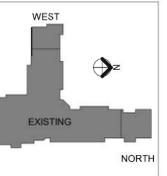
- COORDINATE DEMOLITION OF CURBS, SIDEWALKS, UTILITIES, ETC. TO MINIMIZE INTERRUPTION OF EXISTING BUILDING FACILITIES.
- REFER TO LANDSCAPE DRAWINGS FOR LANDSCAPING AND IRRIGATION.
- REFER TO ELECTRICAL DRAWINGS FOR SITE LIGHTING AND POWER PLANS.
- REFER TO CIVIL DRAWING FOR SITE IMPROVEMENTS.



**LEGEND**

- INDICATES NEW CONSTRUCTION
- INDICATES RENOVATION CONSTRUCTION
- INDICATES EXISTING BUILDING

#	REVISIONS	DATE



Vancouver School District  
**FRANKLIN  
ELEMENTARY  
SCHOOL  
ADDITION**

5208 NW Franklin St,  
Vancouver, WA 98663

JOB NO: 1806  
ISSUE DATE: 08/19/2019  
Stamp Area

**ARCHITECTURAL  
SITE PLAN**



**Plumbing Code Calculations**

Refer to IBC Chapter 29 and Table 29-A "Minimum Plumbing Fixtures" for specifics, exceptions, and footnotes.

OCCUPANCY: Education - E	WATER CLOSET		LAVATORIES		BATHTUBS OR SHOWERS	DRINKING FOUNTAINS	OTHER
	MALE	FEMALE	MALE	FEMALE			
REQUIRED:	6	6	6	6	-	2	
PROVIDED:	6	6	6	6	-	2	

**ENERGY CODE WINDOW SCHEDULE**

TYPE MARK	COUNT	Height	Width	Comments	Area
R141A	2	4'-2"	3'-0"		25 SF
W-1	14	5'-0"	6'-6"	23 U FACTOR, 26 SHGC, 82 VT	455 SF
W-2	4	5'-0"	6'-6"	23 U FACTOR, 26 SHGC, 82 VT	130 SF
W-3	2	5'-0"	12'-0"	23 U FACTOR, 26 SHGC, 82 VT	120 SF
Grand total	22				730 SF

**EXISTING ROOM OCCUPANCY**

ROOM NUMBER	ROOM NAME	OCC CLASS	OCC RATE	OCC LOAD	AREA
101	(E) HALL				240 SF
102	(E) HALL				1,000 SF
103	(E) SECR	E	100	6	529 SF
104	(E) SICK	E	100	1	78 SF
105	(E) TOI				55 SF
106	(E) PRINC	E	100	3	275 SF
107	(E) OFF	E	100	1	82 SF
108	(E) OFF	E	100	1	81 SF
109	(E) ITIN	E	100	1	87 SF
110	(E) TOI				46 SF
111	(E) ITIN	E	100	1	84 SF
112	(E) CLOS	E	100	1	26 SF
113	(E) STOR				94 SF
114	(E) WORK	E	100	2	147 SF
115	(E) HALL				145 SF
116	(E) HALL				154 SF
117	(E) HALL				500 SF
118	(E) HALL				182 SF
119	(E) JAN	E	100	1	76 SF
120	(E) TOI				41 SF
121	(E) STOR				300
122	(E) CLASSROOM	E	20	50	995 SF
123	(E) TOI				51 SF
124	(E) CLASSROOM	E	20	46	907 SF
125	(E) HALL				144 SF
128	(E) CLASSROOM	E	20	43	849 SF
129	(E) CLASSROOM	E	20	43	857 SF
130	(E) CO-OP	E	20	79	1,564 SF
131	(E) TOI				125 SF
132	(E) TOI				129 SF
133	(E) CLOS	E	50	35	29 SF
134	(E) INFO CTR	E	50	35	1,715 SF
135	(E) HALL				556 SF
136	(E) HALL				194 SF
137	(E) TOI				127 SF
138	(E) TOI				128 SF
139	(E) CLASSROOM	E	20	44	868 SF

**EXISTING ROOM OCCUPANCY**

ROOM NUMBER	ROOM NAME	OCC CLASS	OCC RATE	OCC LOAD	AREA
140	(E) CLASSROOM	E	20	42	834 SF
143	(E) HALL				143 SF
144	(E) CLASSROOM	E	20	42	826 SF
145	(E) SICK	E	20	45	887 SF
146	(E) CO-OP	E	20	73	1,440 SF
147	(E) STORAGE	E	100	2	110 SF
148	(E) TOI				41 SF
149	(E) SPEC. ED.	E	20	45	881 SF
150	(E) TOI				41 SF
151	(E) HUB	E	100	1	89 SF
152	(E) CONF.	E	15	12	175 SF
153	(E) STAFF	E	15	21	311 SF
154	(E) STAFF				87 SF
155	(E) TOI				59 SF
156	(E) COMMONS	A	15	159	2,362 SF
157	(E) ART SUP.	A	20	10	190 SF
158	(E) HALL				118 SF
159	(E) HALL				91 SF
160	(E) MUS PLAT	A	15	54	797 SF
161	(E) STOR				300
162	(E) FIRE				110 SF
163	(E) FLOOR PREP	A	200	6	1,062 SF
164	(E) HALL				322 SF
165	(E) TOI				110 SF
166	(E) TOI				98 SF
167	(E) JAN	A	15	14	203 SF
168	(E) TOI				51 SF
169	(E) GYM	A	15	320	4,797 SF
170	(E) STOR	A	300	1	201 SF
171	(E) TOI				48 SF
172	(E) TEACH	E	20	36	712 SF
173	(E) TEACH SPACE	E	20	5	98 SF
174	(E) JAN				116 SF
175	(E) STOR	A	300	1	150 SF
176	(E) RECYCL				365 SF
177	(E) STOR				300
Grand total:					1252

**ROOM OCCUPANCY SCHEDULE**

ROOM NUMBER	ROOM NAME	OCC CLASS	OCC RATE	OCC LOAD	AREA
126	CO-OP	E	20	95	1,892 SF
126A	CLASSROOM	E	20	43	847 SF
126B	CLASSROOM	E	20	43	845 SF
126C	CLASSROOM	E	20	43	852 SF
126D	CLASSROOM	E	20	43	847 SF
126E	CLASSROOM	E	20	45	887 SF
127A	TOILET				149 SF
127B	TOILET				149 SF
127C	CONFERENCE	E	15	13	180 SF
127D	IDF				10 SF
141A	BREAK OUT	E	15	17	243 SF
141B	IDF				10 SF
141C	TOILET				150 SF
141D	TOILET				149 SF
142	CO-OP	E	20	62	1,237 SF
142A	CLASSROOM	E	20	44	863 SF
142B	CLASSROOM	E	20	43	858 SF
142C	CLASSROOM	E	20	42	838 SF
142D	CLASSROOM	E	20	42	840 SF
209	MECHANICAL				730 SF
210	MECHANICAL				495 SF
Grand total:					575 13,070 SF

**FENESTRATION PERCENTAGE**

NORTH ADDITION TOTAL EXTERIOR WALL AREA = EXTERIOR WINDOWS + EXTERIOR DOORS + EXTERIOR WALL  
= 267 + 88 + 2,306  
= 2,661 SF

WEST ADDITION TOTAL EXTERIOR WALL AREA = EXTERIOR WINDOWS + EXTERIOR DOORS + EXTERIOR WALL  
= 200 + 59 + 1,966  
= 2,225 SF

TOTAL VERTICAL FENESTRATION AREA = EXT. WINDOWS + EXTERIOR DOORS (WITH GLAZING)  
= 467 + 147  
= 614 SF

VERTICAL FENESTRATION % OF WALL AREA = 614 / 4,886 = 12.6%

**GENERAL NOTES:**

- AT PROJECT CLOSE OUT PROVIDE DOCUMENTATION TO INCLUDING APPLICABLE WSEC ENVELOPE COMPLIANCE FORMS AND CALCULATIONS, AND FENESTRATION NFRC RATING CERTIFICATES.

**CODE ANALYSIS**

EXISTING BUILDINGS OCCUPANCY CLASSIFICATION PER UBC 1997 W/ WAC AMENDMENTS

EXISTING TYPE A CONSTRUCTION:  
GROUP A - DIVISION 2.1  
CONSTRUCTION TYPE VB  
EXISTING TYPE E CONSTRUCTION:  
GROUP E - DIVISION 1  
CONSTRUCTION TYPE V NR

**APPLICABLE CODES FOR ADDITION**

- CITY OF VANCOUVER MUNICIPAL CODE
  - 2015 International Building Code w/ Washington Amendments - WAC 51-50
  - 2015 International Residential Code w/ Washington Amendments - WAC 51-51
  - 2015 International Mechanical Code w/ Washington Amendments - WAC 51-52 - rev. 10/11/17
  - 2015 Uniform Plumbing Code w/ Washington Amendments - WAC 51-56
  - 2017 National Electrical Code w/ Washington Amendments - effective July 1, 2017
  - 2015 International Fuel Gas Code w/ Washington Amendments - WAC 51-52-2/1000
  - 2015 International Fire Code w/ Washington Amendments - WAC 51-54A
  - ICC/ANSI A117.1-2009 Accessibility w/ WAC 51-50-1101.2
  - 2015 Washington State Energy Code - WAC 51-11 - rev. 10/11/17
- \*CURRENT WASHINGTON STATE AMENDMENTS ARE DATED JULY 1, 2018

CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION  
NORTH ADDITION TO EXISTING BUILDING TYPE E CONSTRUCTION: GROUP E  
WEST ADDITION TO EXISTING BUILDING TYPE E CONSTRUCTION: GROUP E

CHAPTER 5: ALLOWABLE HEIGHT AND BUILDING AREA  
ADDITION ONLY AFFECTS EXISTING TYPE E PORTION OF THE BUILDING.  
EXISTING CONSTRUCTION OF V NR TRANSLATES TO VB IN THE 2015 IBC W/ WAC AMENDMENTS

**CHAPTER 5: ALLOWABLE HEIGHT AND BUILDING AREA**

**Table 503 HEIGHT AND NUMBER OF STORIES**  
(FOR TYPE OF CONSTRUCTION LISTED BELOW IN CHAPTER 6)  
MAXIMUM HEIGHT (FEET) 60 28'-0"  
MAXIMUM NUMBER OF STORIES 1 1

**Table 503 (UNMODIFIED) FLOOR AREA PER FLOOR [A]**  
Existing building  
A2 12,715 S.F.  
E 25,576 S.F.  
TOTAL: 38,289 S.F.

**506 AREA MODIFICATION (EQUATION 5-1)**  
NO CHANGE TO A2.1 OCCUPANCY

E OCCUPANCY  
Aa = A1 (Ns x If) = ALLOWABLE PER STORY  
Aa = 38,000 + (9,500 x 0.25) = 38,002 SF

EXISTING BUILDING TYPE E CONSTRUCTION: 25,576 SF  
NORTH ADDITION: 5,268 SF  
WEST ADDITION: 3,722 SF  
TOTAL: 34,566 SF

**Table 506.2 ALLOWABLE AREA FACTOR**  
A1 = 28,500

**Table 509 INCIDENTAL USE AREAS**

SPACE TYPE: SEPARATION AND/OR PROTECTION:  
FURNACE ROOM W/ EQUIP - >400,000 BTU/HR INPUT 1 HOUR OR PROVIDE AUTOMATIC SPRINKLER SYSTEM  
BOLLER ROOM WITH EQUIPMENT OVER 15 PSI AND 10 HORSE POWER 1 HOUR OR PROVIDE AUTOMATIC SPRINKLER SYSTEM

**CHAPTER 6: TYPE OF CONSTRUCTION**

602 TYPE VB WITH AUTOMATIC SPRINKLER SYSTEM PER SECTION 903.3.1.1 AND NFPA 13

**Table 601 FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS**

ELEMENT:	TYPE VB RATING (HOURS)
STRUCTURAL FRAME INCLUDING COLUMNS, BEAMS, GIRDERS, TRUSSES	0
BEARING WALLS, EXTERIOR	0
BEARING WALLS, INTERIOR	0
NON-BEARING WALLS AND PARTITIONS, EXTERIOR	AS REQ'D BY TABLE 602
NON-BEARING WALLS AND PARTITIONS, INTERIOR	0, OR AS REQ'D BY OTHER SECTIONS
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	0
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	0

**Table 602 FIRE-RESISTANCE RATING - EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE**

DISTANCE TO INTERIOR PROPERTY LINE OR CENTERLINE OF STREET OR ALLEY - RATING (HOURS)	RATING (HRS)	OPENING PROTECTIVES (HRS)
LESS THAN 5'	1	1-1/2
5' UP TO 10'	1	1-1/2
10' UP TO 30'	1	1
30' OR GREATER	0	0

**CHAPTER 7: FIRE AND SMOKE PROTECTION FEATURES**

FEATURE	RATING (HRS)	OPENING PROTECTIVES (HRS)
706 FIRE WALLS	2	1-1/2
707 SHAFT ENCLOSURES CONNECTING LESS THAN 4 STORIES	1	1-1/2
707 ATRIUM WALLS (404.6) OR GLASS WALL FORMING SMOKE BARRIER WITH SPRINKLERS)	1	1
707 EXIT PASSAGEWAYS (1023.3)	1	1
708 CORRIDOR WALLS (1016.1)	0	0

**CHAPTER 8: INTERIOR FINISHES**

**Table 803.11 FLAME SPREAD FOR INTERIOR WALL AND CEILING**  
INTERIOR EXIT STAIRWAYS AND EXIT PASSAGEWAYS: CLASS B  
CORRIDORS: CLASS C  
ROOMS: CLASS C  
ATRIUM: CLASS B

**CHAPTER 9: FIRE PROTECTION SYSTEMS**

908 PORTABLE FIRE EXTINGUISHERS:  
INSTALL PER NFPA 10, TYPE 2-A, 7.5 FEET MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER  
TYPE K WITHIN 30 FEET OF COMMERCIAL COOKING EQUIPMENT  
915 EMERGENCY RESPONDER RADIO COVERAGE

**CHAPTER 10: MEANS OF EGRESS**

**1004 TOTAL OCCUPANT LOAD**  
FIRST FLOOR 1,568  
TOTAL 1,568

NOTE: SEE CODE ANALYSIS PLANS FOR EXIT REQUIREMENTS PER EXIT, NUMBER OF OCCUPANTS EACH SPACE, AND EXIT WIDTH REQUIRED

**Table 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT**

ACTIVITY	SEE 1004.7
ASSEMBLY WITH FIXED SEATS	75 FEET
ASSEMBLY WITHOUT FIXED SEATS	75 FEET
CONCENTRATED (CHAIRS)	75 NET
UNCONCENTRATED (TABLES & CHAIRS)	50 NET
STANDING SPACE	50 NET
EDUCATIONAL CLASSROOM	20 NET
SHOPS AND OTHER VOCATIONAL	50 NET
OFFICES	100 GROSS
LIBRARY	50 NET
READING AREA	50 NET
STACK AREA	100 GROSS
LOCKER ROOMS	50 GROSS
EXERCISE ROOMS	50 GROSS
KITCHENS	200 GROSS
ACCESSORY STORAGE, MECHANICAL EQUIPMENT	300 GROSS

**1005.3 EGRESS WIDTH PER OCCUPANT SERVED**

(WITH AUTOMATIC SPRINKLER SYSTEM)  
STAIRWAYS: 0.2" PER OCCUPANT  
OTHER EGRESS COMPONENTS: 0.15" PER OCCUPANT

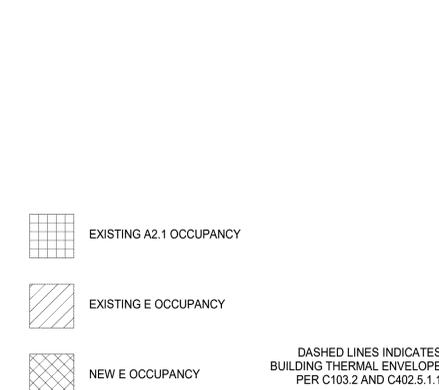
**MAXIMUM TRAVEL DISTANCE**

Table	MAXIMUM NUMBER OF OCCUPANTS	NUMBER OF EXITS REQUIRED
Table 1014.3 COMMON PATH OF EGRESS TRAVEL TYPE E OCCUPANCY	1-49	1
Table 1016.2 EXIT ACCESS TRAVEL DISTANCE FOR OCCUPANCY WITH SPRINKLER SYSTEM	49-500	2
1018.4 DEAD END CORRIDORS, WITH SPRINKLER SYSTEM	501-1,000	3
Table 1015.1 MINIMUM NUMBER OF EXITS FOR A OCCUPANCY	MORE THAN 1,000	4

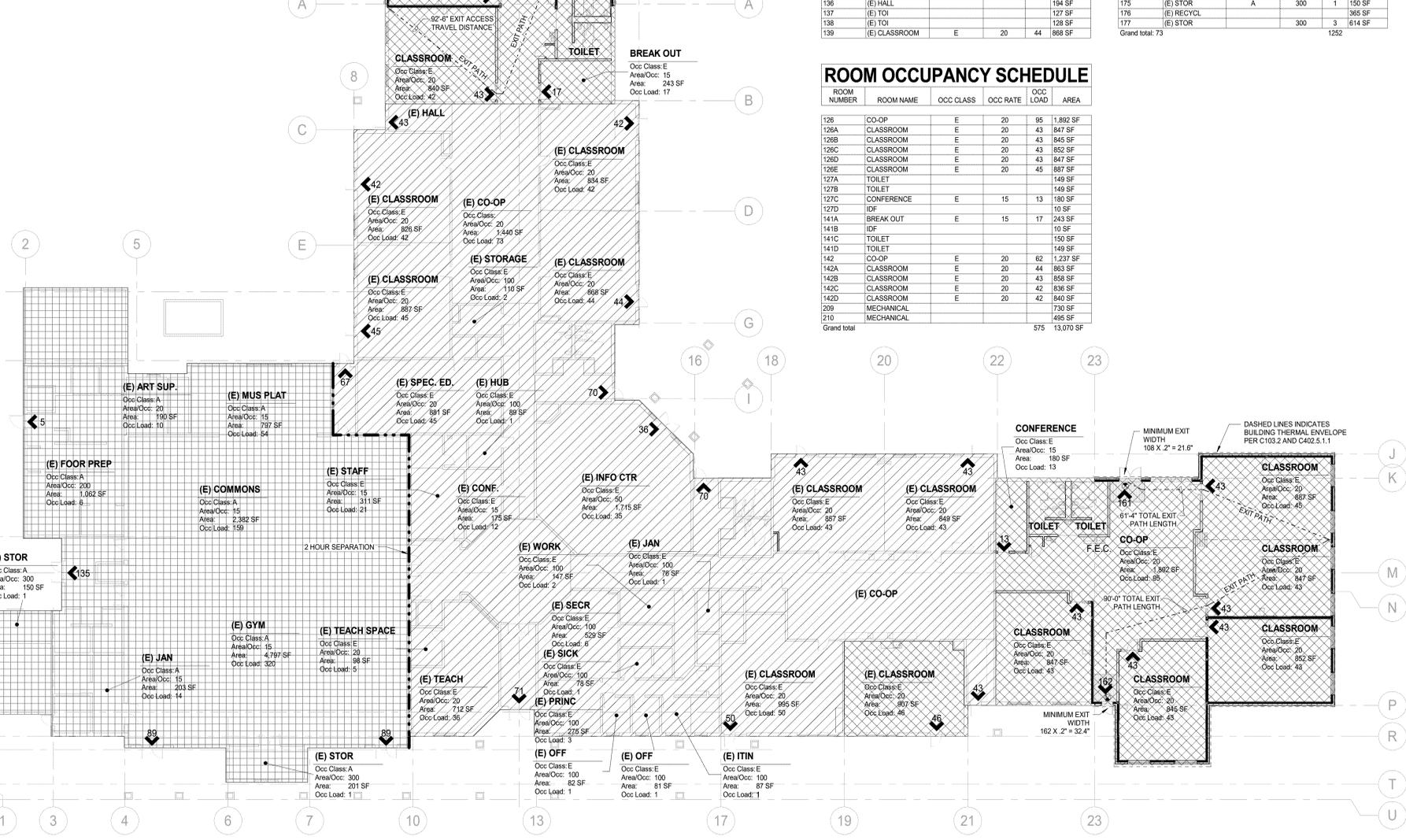
NOTE: REFER TO WALL ASSEMBLY SCHEDULE SHEET FOR GENERAL FIRE RATED PARTITION CONSTRUCTION DETAILS.

DRAWING SYMBOL	TYPE OF SEPARATION	WALL RATING	OPENING RATING
---	FIRE-RESISTANT WALL	2 HR	90 MIN (2015 IBC TABLE 716.5)
---	COMMON PATH OF TRAVEL (CPT)		EXIT COMPONENTS FOR TOTAL OCC LOAD=20
50	EGRESS COUNT / DIRECTION	COMP 32" # REGD 32" # PRVD 36" #	EXITING COMPONENT TAG
☒	EXIT SIGNAGE		
FEC 1	FIRE EXTINGUISHER CABINET		

**CODE PLAN LEGEND**



DASHED LINES INDICATES BUILDING THERMAL ENVELOPE PER C103.2 AND C402.5.1.1



**CODE PLAN**

1/16" = 1'-0"

