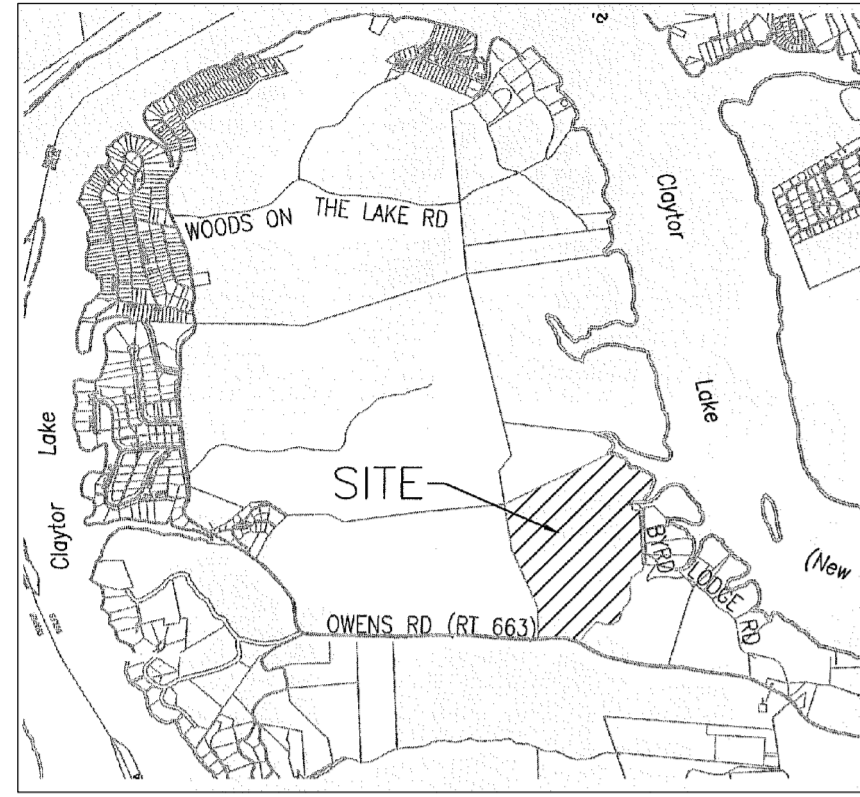


VICINITY MAP



BOY SCOUTS OF AMERICA BLUE RIDGE MOUNTAINS COUNCIL CLAYTOR LAKE AQUATICS BASE DINING HALL LOWER LEVEL BUILDOUT PULASKI COUNTY, VIRGINIA

BALZER PROJECT NO. B0600007.01



www.balzer.cc

Chesterfield
Henrico
New River Valley
Roanoke
Shenandoah Valley

RESIDENTIAL LAND DEVELOPMENT ENGINEERING
SITE DEVELOPMENT ENGINEERING
LAND USE PLANNING & ZONING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
ARCHITECTURE
STRUCTURAL ENGINEERING
GEOTECHNICAL ENGINEERING
TRANSPORTATION ENGINEERING
ENVIRONMENTAL & SOIL SCIENCE

WETLAND DELINEATIONS & STREAM EVALUATIONS

Balzer and Associates, Inc.

448 Peppers Ferry Road, NW

Christiansburg, VA 24073

540-381-4290

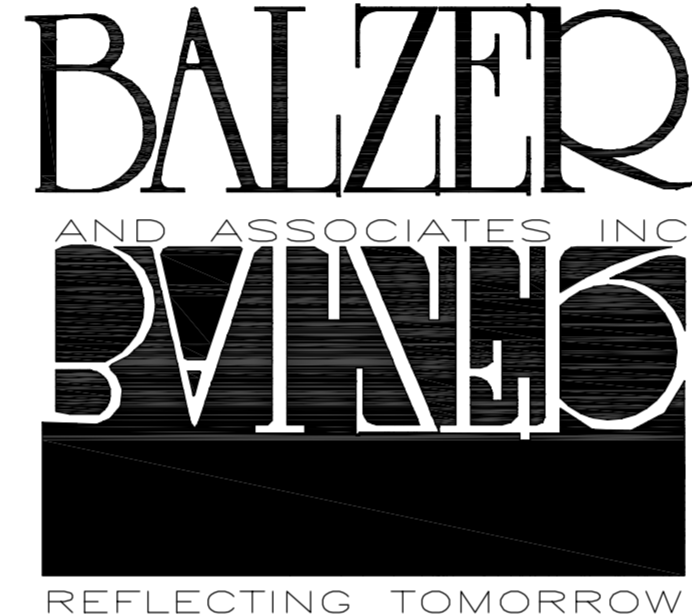
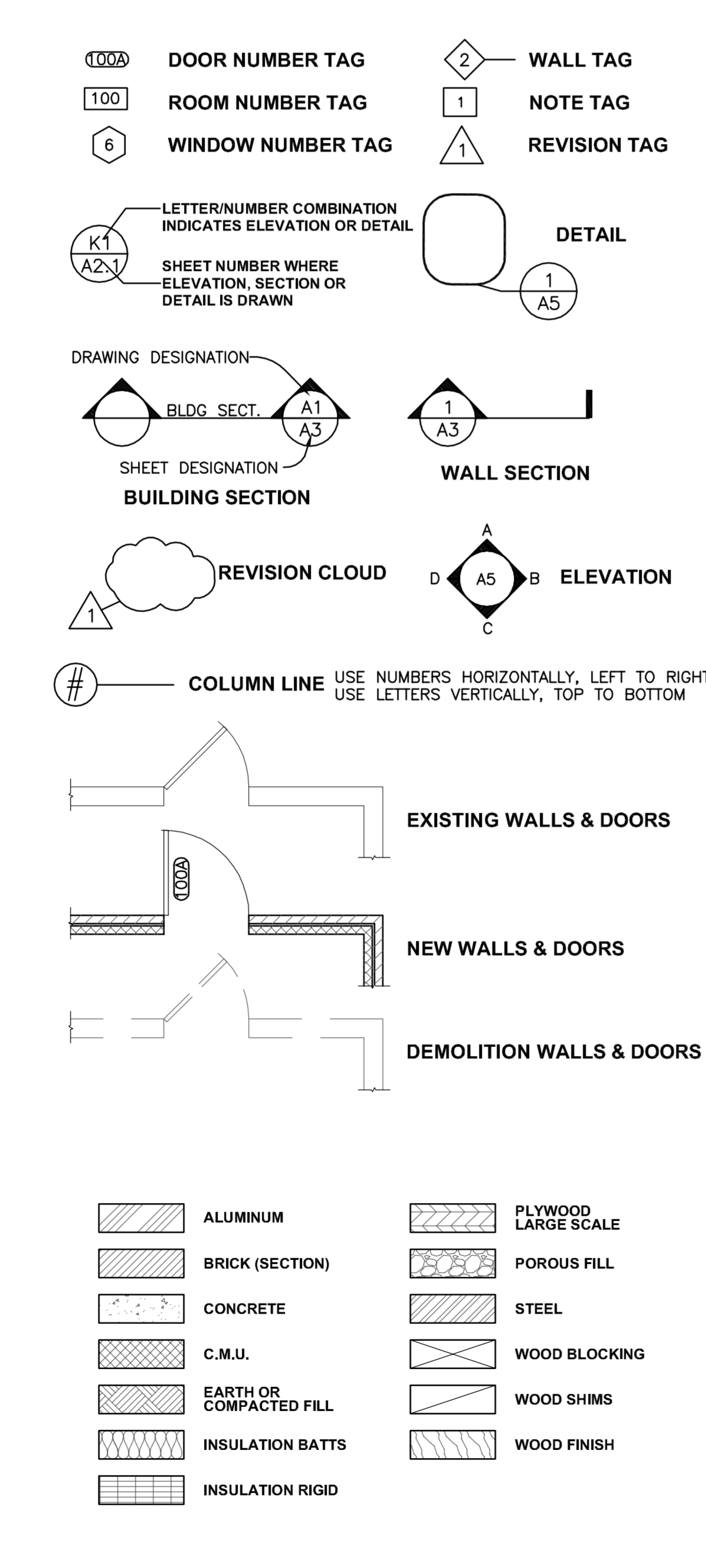
FAX 540-381-4291



DRAWING ABBREVIATIONS

AFB ABOVE FINISH FLOOR	AP ACCESS PANEL	APL ACoustic CEILING TILE	APL ACoustical PLASTER	AVC AIR CONDITIONING	ALUM ALUMINUM	AB ANCHOR BOLT	ANOD ANODIZED	APPROX APPROXIMATELY	AD AREA DRAIN	ARCH ARCHITECT(URAL)	ASPH ASPHALT	RP BASE PLATE	BSMT BASEMENT	SM BEAM	BRG BEARING	BT BRITANNIUMS	BLUG BLOCKING	BD BOARD	BOT BOTTOM	BRK BRICK	BULD BUILDING	CFT CARPET	CO CASED OPENING	CSMT CASEMENT	CLS CEILING	C/H CEILING HEIGHT	CL CENTER LINE	CT CERAMIC TILE	CR CHAIR RAIL	CLR CLEAR(ANCE)	CLS CLOSET	COL COLUMN	CONC CONCRETE	CONSTR CONSTRUCTION	CONT CONTINUOUS	CJ CONTROL JOINT	CONCOR CONCRETE	CTR COUNTER	CRS COURSE	DEM DEMOLITION	DEPT DEPARTMENT	DIAG DIAGONAL	DAM DIAMETER	DM DIMENSION	DO DITCH	DV DIVISION	DR DOOR	DH DOUBLE HUNG	DS DOWN SPOUT	D DRAIN	DT DRAIN TILE	DWG DRAWING	ELEC ELECTRIC	EW ELEC WATER COOLER	EP ELECTRIC PANEL BOARD	ELEV ELEVATION	EMER EMERGENCY	ENCL ENCLOSURE	ENG ENGINEERING	ENT ENTRANCE	EQ EQUAL	EQUIP EQUIPMENT	EXH EXHAUST	EXT EXTERIOR	EB EXPANSION BOLT	EJ EXPANSION JOINT	EXT EXTERIOR	FB FACE BRICK	FT FEET	FIN FINISH	FIN FL FINISH FLOOR	FES FIRE EXTINGUISHER CABINET	FHC FIRE HOSE CABINET	FLR FLOOR	FLR FLOOR DRAIN	FLUOR FLUORESCENT	FTS FOOTING	FDN FOUNDATION	FRA FRESH AIR	FBO FURNISHED BY OTHERS	GA GAGE, GAUGE	GALV GALVANIZED	GC GENERAL CONTRACTOR	GL GLASS	GLB GLASS BLOCK	GD GRADE	GWB GYPSUM WALL BOARD	HC HANDICAP	HWAR HARDWARE	HWD HARDWOOD	HDR HEADER	HTG HEATING	HVAC HEATING/VENTILATING/AIR CONDITIONING	HD HEAVY DUTY	HGT HEIGHT	HOC HOLLOW CORE	HM HOLLOW METAL	HORIZ HORIZONTAL	HOSE HOSE BIBB	HWR HOT WATER HEATER	ID INSIDE DIAMETER	INCL INCLUDE(D)ING	INSUL INSULATE	INT INTERIOR	JAN JANITOR'S CLOSET	KIT KITCHEN	KD KNOCK DOWN	KD KNOCKOUT	LBL LABEL	LAM LAMINATE(D)	LAV LAVATORY	LH LEFT HAND	LG LENGTH, LONG	LW LENGTH, LONG	LTL LIGHTWEIGHT	LL LEVEL	LVR LIVE LOAD	MH MAN HOLE	MFR MANUFACTURER	MAS MASONRY	MD MATERIAL	MAX MAXIMUM	MECH MECHANICAL	MFL METAL FLOOR DECKING	MFD METAL FLOOR DECKING	MNL MINIMUM	MIS MISC	MISG MISCELLANEOUS	MUDG MOUNTING	MTG MOUNTING	NOM NOMINAL	NIC NOT IN CONTRACT	NTS NOT TO SCALE	N NUMBER	OC ON CENTER	OPR OPPOSITE	OPR OPPOSITE HAND	OD OUTSIDE DIAMETER	OF OUTSIDE FACE	OA OVERHANG	OH OVERHANG	PNL PANEL	PND PAINTED	PND PAINTED BOARD	PLAST PLASTER	PLAM PLASTIC LAMINATE	PL PLATE	PLU PLATE GLASS	PVC POLYVINYL CHLORIDE	PWF POUNDS/SQUARE FOOT	PSI POUNDS/SQUARE INCH	PC CONC PRECAST CONCRETE	PREF PREFINISHED	PRFL PROPERTY LINE	PROP PROPOSED	QT QUARRY TILE	RAD RADIUS	R RISER	REC RECEPTACLE/ELECTRICAL	REF REFRIGERATOR	REG REGISTER	RENF REINFORCED	REQ REQUIRED	RES RESISTANCE	RET RETURN	RA RETURN AIR	REV REVISION	RH RIGHT HAND	ROW RIGHT OF WAY	ROOF ROOF DRAIN	ROO ROOM	RO ROUGH OPENING	SCH SCHEDULE	SEC SECTION	SHTH SHEATHING	SHT SHEET	SNW SNAIL	SL DR SLIDING DOOR	SC SOLID CORE	SCW SOLID CORE WOOD	SPEC SPECIFICATION	SPR SPRINKLER	SS SQUARE FEET	SS STAINLESS STEEL	STOR STORAGE	STRUCT STRUCTURAL	SUSP SUSPENDED	SYS SYSTEM	TELE TELEPHONE	TV TELEVISION	TK THICK(NESS)	THP THIN COAT PLASTER	THRU THROUGH	TOIL TOILET	TONGUE and GROOVE	TSL TOP OF SLAB	TOS TOP OF STEEL	TOW TOP OF WALL	TYP TYPICAL	UNFIN UNFINISHED	UNO UNLESS NOTED OTHERWISE	VB VAPOR BARRIER	VTR VENT THRU ROOF	VERT VERTICAL	VBS VINYL BASE CODE	VBS VINYL BASE STRAIGHT	VC VINYL COMPOSITION TILE	VNC VINYL WALL COVERING	WSCP WANSCOP	WH WALL HUNG	WI WATER CLOSET	WP WATER PROOF	W/WF WELDED WIRE FABRIC	WI WITHIN	W/W WIRE GLASS	W/W WITHOUT	WD WOOD	WB WOOD BASE
------------------------	-----------------	---------------------------	------------------------	----------------------	---------------	----------------	---------------	----------------------	---------------	----------------------	--------------	---------------	---------------	---------	-------------	----------------	---------------	----------	------------	-----------	---------------	------------	------------------	---------------	-------------	--------------------	----------------	-----------------	---------------	-----------------	------------	------------	---------------	---------------------	-----------------	------------------	-----------------	-------------	------------	----------------	-----------------	---------------	--------------	--------------	----------	-------------	---------	----------------	---------------	---------	---------------	-------------	---------------	----------------------	-------------------------	----------------	----------------	----------------	-----------------	--------------	----------	-----------------	-------------	--------------	-------------------	--------------------	--------------	---------------	---------	------------	---------------------	-------------------------------	-----------------------	-----------	-----------------	-------------------	-------------	----------------	---------------	-------------------------	----------------	-----------------	-----------------------	----------	-----------------	----------	-----------------------	-------------	---------------	--------------	------------	-------------	---	---------------	------------	-----------------	-----------------	------------------	----------------	----------------------	--------------------	--------------------	----------------	--------------	----------------------	-------------	---------------	-------------	-----------	-----------------	--------------	--------------	-----------------	-----------------	-----------------	----------	---------------	-------------	------------------	-------------	-------------	-------------	-----------------	-------------------------	-------------------------	-------------	----------	--------------------	---------------	--------------	-------------	---------------------	------------------	----------	--------------	--------------	-------------------	---------------------	-----------------	-------------	-------------	-----------	-------------	-------------------	---------------	-----------------------	----------	-----------------	------------------------	------------------------	------------------------	--------------------------	------------------	--------------------	---------------	----------------	------------	---------	---------------------------	------------------	--------------	-----------------	--------------	----------------	------------	---------------	--------------	---------------	------------------	-----------------	----------	------------------	--------------	-------------	----------------	-----------	-----------	--------------------	---------------	---------------------	--------------------	---------------	----------------	--------------------	--------------	-------------------	----------------	------------	----------------	---------------	----------------	-----------------------	--------------	-------------	-------------------	-----------------	------------------	-----------------	-------------	------------------	----------------------------	------------------	--------------------	---------------	---------------------	-------------------------	---------------------------	-------------------------	--------------	--------------	-----------------	----------------	-------------------------	-----------	----------------	-------------	---------	--------------

SYMBOLS & MATERIALS



PLANNERS • ARCHITECTS
ENGINEERS • SURVEYORS

PROJECT DIRECTORY

OWNER
Boys Scouts of America
Contact: Greg Harmon
2131 Valley View Blvd.
Roanoke, Virginia 24012
Phone: (540) 529-5985

ARCHITECT
Balzer and Associates, Inc.
Contact: Robert Pilkington
448 Peppers Ferry Road
Christiansburg, Virginia 24073
Phone: (540) 381-4290
FAX: (540) 381-4291

CODE ANALYSIS

This set of construction documents addresses an upfit of a shell space in the lower floor of an existing Assembly/Office/Educational use building at the referenced address. Accessibility is provided to the Lower Level via vehicular access road (with handicap parking/dropoff at the lower level closest to the entry doors) as allowable per IBC 1104.2, Exception.

CODE EDITION: 2006 VUSBC (2006 IBC w/ Amendments)
USE GROUP: A-2/A-3/B/E (Non-separated mixed use) (IBC Table 503)
CONSTRUCTION TYPE: 5B (Combustible, Non-protected)

TABULAR ALLOWABLE AREA: 6,000 S.F. (per floor) (A-3 CONTROLS)
SPINKLER INCREASE: 200% (PER IBC 506.3) = 12,000 S.F.
OPEN PERIM. INCREASE: 0% (NOT REQUIRED: NONE TAKEN)

TOTAL ALLOWABLE AREA: 18,000 S.F. (per floor)

DESIGNED BLDG. AREA: Main Level= 10,865 S.F. (including porch)
Lower Level= 6,296 S.F. (excludes porch)

ALLOWABLE BUILDING HEIGHT: 2 ST.±60' (per IBC Table 503/IBC Section 504.2)
DESIGNED BUILDING HEIGHT: 2 ST.±55' (not including cupola)

FIRE PROTECTION SYSTEM (IBC Chapter 9):
A. Building shall be protected throughout with an automatic sprinkler system, installed in accordance with all requirements in IBC Chapter 9, per IBC Section 506.3, as required for A-use buildings greater than 300 occupants per IBC 903.2.1.2. Sprinkler shall include porch areas on Main Level. On Lower Level sprinkler shall be provided in above ceiling space as required for combustible ceiling areas.
B. Building shall be equipped throughout with an automatic fire alarm system that has notification appliances directly linked to automatic sprinkler system, installed in per IBC 907.2.1, Exception. Existing fire alarm system shall be extended as required into new space.
C. Standpipe System NOT REQUIRED per IBC Section 905.3.1 (highest story is only 13' maximum above lowest fire truck access, and lowest level is only 13' maximum below highest fire truck access) and 905.3.2 (Group A occupancy with less than 1,000 persons).

OCCUPANT LOAD (IBC Table 1004.1.2):

Classrooms	=	114 occupants
Office/restrooms	=	20 occupants
Retail area	=	14 occupants
Cafe/service	=	18 occupants
Total Max. Occupancy	=	166 occupants (Lower Level only)
		(No change to occupancy on Main Level)

EXIT REQUIREMENTS:
Minimum Exits Required (IBC Table 1019.1):
Lower Level= 2 Exits Req. (4 Provided)

Minimum Egress Width Required (IBC Table 1005.1):
Lower Level= 166 Occs., @ 0.15"=25" Req., (60" corridors provided)

Maximum Exit Travel Distance (IBC Table 1016.1):
Lower Level= 250' Max., (110' Provided, measured along corridor path)

PLUMBING FIXTURE REQUIREMENTS (IBC Table 2902.1):
Note: Toilet facilities shown are for Lower Level only. Toilet facilities for Main Level shown on main building dwgs.

166 Occupants (Lower Level)= 83 men, 83 women

Toilets:
83 Men @ 1:75 = 2 required (2 provided)
83 Women @ 1:75 = 2 required (2 provided)

Lavatories:
83 Men @ 1:200 = 1 required (2 provided)
83 Women @ 1:200 = 1 required (2 provided)

FIRE RATING OF BUILDING ELEMENTS (IBC TABLE 602): NO FIRE RATED BUILDING ELEMENTS REQUIRED PER IBC TABLE 602 (5B CONSTRUCTION, FULLY SPRINKLERED)

DRAWING INDEX

REVISIONS	DATE	SHEET NO.	DRAWING
1		T1.1	COVER, CODE ANALYSIS
2			A.1.1 LOWER LEVEL BUILDOUT PLAN
3			A.1.2 SCHEDULES & PLAN DETAILS
4			A.1.3 SCHEDULES & DETAILS
5			A.1.4 REFLECTED CEILING PLAN

CODE NOTES

MECHANICAL & ELECTRICAL DESIGN:

THIS PROJECT IS A DESIGN-BUILD PROJECT. AS SUCH, MECHANICAL, PLUMBING & ELECTRICAL DESIGN WILL BE HANDLED BY GENERAL CONTRACTOR'S SUB-CONTRACTORS AND PERMITTED UNDER TRADE PERMITS. DRAWINGS WITH A LICENSED ENGINEER'S STAMP SHALL BE PROVIDED AS REQUIRED BY LOCAL BUILDING OFFICIAL AND VIRGINIA STATE LAW.

CODE NOTES

- ALL LOCKS AND LATCHES SHALL COMPLY WITH IBC 1008.1.8. ALL DOORS TO BE EQUIPPED WITH LEVER HANDLES. CORRIDORS PROVIDING EXIT ACCESS PER IBC TABLE 803.5. FLOOR FINISHES TO BE COMPLIANT WITH IBC SECTION 804.
- PROVIDE EMERGENCY EGRESS LIGHTING PER IBC 1006. MAINTAIN MINIMUM 1FC LIGHT LEVELS IN ALL SPACES PROVIDING EXIT ACCESS. PER IBC 1006.2. PROVIDE EMERGENCY EXIT SIGNS PER IBC 1011. EXIT SIGNAGE SHALL BE INTERNALLY LIGHTED PER IBC 1011.4, AND SHALL BE CONNECTED TO AN EMERGENCY BACKUP POWER SOURCE PER IBC 1011.5.3.
- INTERIOR FINISH MATERIAL SHALL BE CLASS C OR BETTER IN ROOMS OR ENCLOSED SPACES, AND CLASS B IN CORRIDORS PROVIDING EXIT ACCESS PER IBC TABLE 803.5. FLOOR FINISHES TO BE COMPLIANT WITH IBC SECTION 804.
- FIREBLOCKING SHALL BE INSTALLED IN ALL CONCEALED WALL SPACES AS REQUIRED PER IBC 717.
- EXPOSED INSULATION MATERIALS SHALL HAVE FLAME SPREAD OF 25 OR LESS, AND SMOKE DEVELOPMENT OF 450 OR LESS PER IBC 719.3. CONCEALED INSULATION MATERIALS SHALL HAVE FLAME SPREAD OF 25 OR LESS, AND SMOKE DEVELOPMENT OF 450 OR LESS PER IBC 719.2.
- PROVIDE PORTABLE FIRE EXTINGUISHERS DURING CONSTRUCTION AND PERMANENTLY IN BUILDING AS REQUIRED PER IBC 906 AND IFC 906. SEE FLOORPLAN FOR PERMANENT LOCATIONS.
- ALL PLUMBING FIXTURES TO BE ADA COMPLIANT. HANDICAP CONTROLS SHALL COMPLY WITH IBC 1109.13.
- ALL INTERIOR OCCUPIED SPACES SHALL BE PROVIDED WITH EITHER NATURAL OR MECHANICAL VENTILATION IN ACCORDANCE WITH IBC 1203. NATURAL VENTILATION ALLOWED PER IBC 1203.4.1 IN ROOMS WITH OPERABLE DOOR/WINDOW AREA AT LEAST 4% OR MORE OF ROOM FLOOR AREA.
- ALL FIRE-RATED WALL ASSEMBLIES SHALL BE LABELED ABOVE CEILINGS AT 9"± O.C. PER VUSBC 701.2.
- ALL NEW PIPING (PLUMBING, GAS, ETC.) USED IN THIS PROJECT SHALL BE LABELED ON SITE IN ACCORDANCE WITH ALL 2006 IBC, IMC & IPC APPLICABLE PROVISIONS.
- PROVIDE FLOOR LIVE LOAD SIGNAGE PER IBC 1603.3

CLAYTOR LAKE AQUATICS BASE
DINING HALL LOWER LEVEL BUILDOUT
COVER

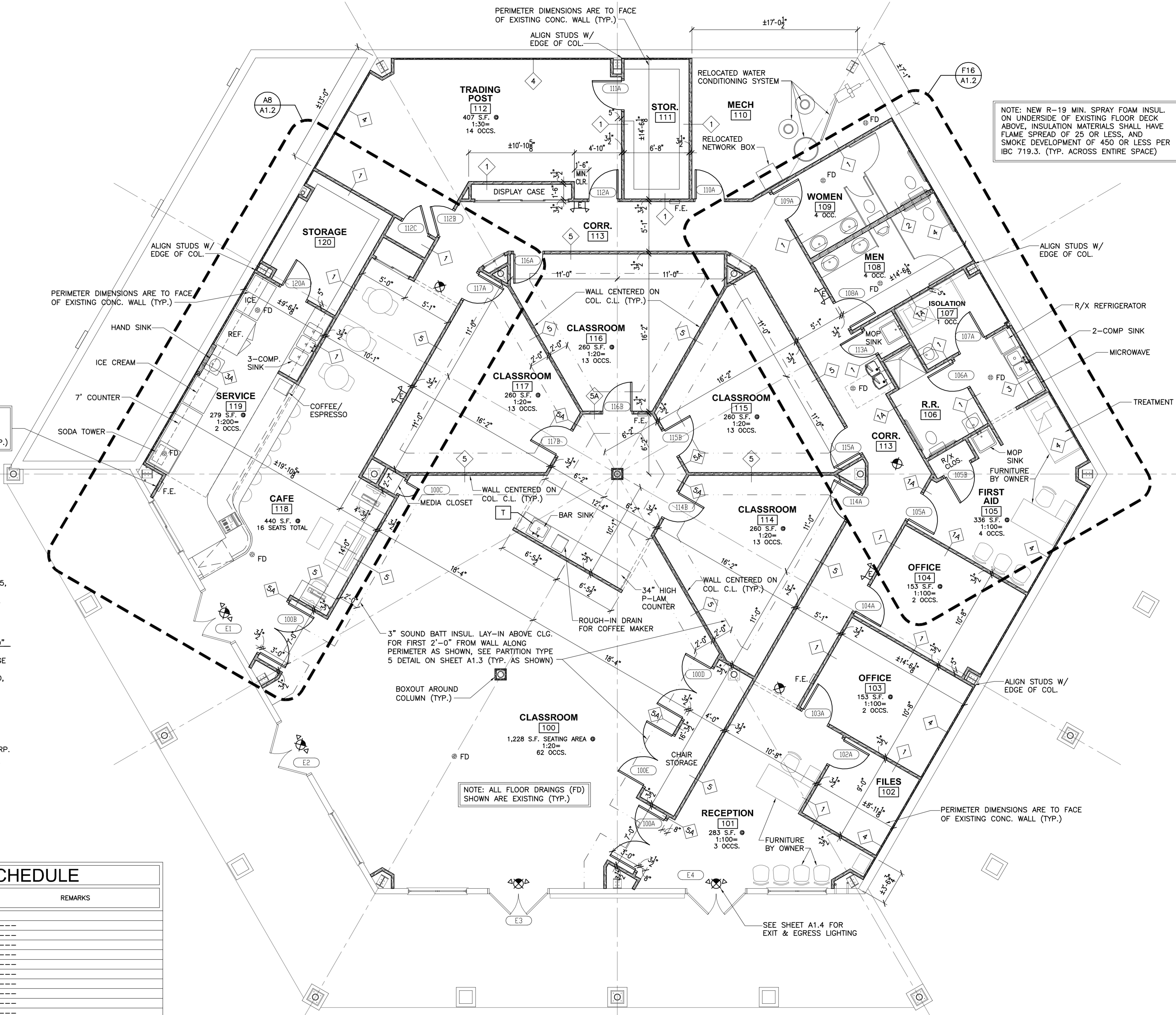
4100 ADVENTURE BASE RD
PULASKI, VIRGINIA

DRAWN BY **RWP/ARW**
DESIGNED BY **RWP/ARW**
CHECKED BY **RWP**
DATE **SEPT. 28, 2009**

REVISIONS:

SHEET NO.
T1.1

JOB NO. B0600007.01



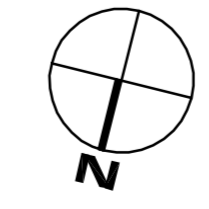
NOTE: NEW R-19 MIN. SPRAY FOAM INSUL. ON UNDERSIDE OF EXISTING FLOOR DECK ABOVE. INSULATION MATERIALS SHALL HAVE FLAME SPREAD OF 25 OR LESS, AND SMOKE DEVELOPMENT OF 450 OR LESS PER IBC 719.3. (TYP. ACROSS ENTIRE SPACE)

FIRE EXTINGUISHER (F.E.) IN MTL. CABINET (SEMI-RECESSED IN WALL), MOUNTED AT 48" A.F.F. TO TOP OF BOX, INSTALLED PER MFR. INSTR. (TYP.)

- FINISH NOTES**
- FINISHES SHOWN HEREIN ARE SCHEMATIC, CONSULT OWNER FOR ALL REQUIRED FINISHES. ALL INTERIOR FINISHES SHALL MEET THE MINIMUM REQUIREMENTS SET FORTH IN IBC CHAPTER 8.
 - ALL WALL AND CEILING FINISHES SHALL BE AT LEAST CLASS C (FLAME SPREAD 76-200, SMOKE DEVELOPMENT 0-450) IN ENCLOSED ROOMS AND CLASS B (FLAME SPREAD 26-75, SMOKE DEVELOPMENT 0-450) IN CORRIDORS PER IBC TABLE 803.5.
 - FINISHES SHOWN HEREIN ARE SCHEMATIC, CONSULT TENANT FOR ALL REQUIRED FINISHES. ALL CLOSETS & AUXILIARY SPACES SHALL HAVE SAME FLOOR AND WALL FINISHES AS ROOMS THEY ARE LOCATED IN, U.N.O. SEE CEILING PLAN FOR CLOSET CEILING FINISHES AND HEIGHTS.
 - ACT 1 = 2X4, STANDARD (ARMSTRONG "FINE FISSURED" OR SIM.)
ACT 2 = 2X4 W/ SCRUBBABLE FILM-FACING (ARMSTRONG "FINE FISSURED CERAMAGUARD" OR SIM.)
ACT 3 = 2X2, ARMSTRONG "ULTIMA OPEN PLAN", ITEM NO. 1941, BEVELED TEGULAR EDGE
 - SEE REFLECTED CEILING PLAN FOR ALL CEILING HEIGHTS.
 - ROOMS NOTED AS HAVING "CONC" FLOOR SHALL HAVE EXPOSED CONCRETE SLAB, SEALED, W/ ADA SLIP-RESISTANT SURFACE.
 - ROOMS NOTED AS HAVING "EPOXY" FLOOR SHALL HAVE EPOXY COATED CONCRETE SLAB W/ ADA SLIP-RESISTANT SURFACE.
 - ALL TRANSITIONS BETWEEN DIFFERENT TYPES OF FLOORING SHALL BE ADA COMPLIANT. PROVIDE VINYL TRANSITION STRIP AT ALL DOORWAYS/OPENINGS BETWEEN ROOMS WITH CARPET AND ROOMS WITH VCT. PROVIDE TILE TRANSITION/THRESHOLD AT ALL DOORWAYS/OPENINGS BETWEEN ROOMS WITH TILE AND CARPET OR VCT.
 - ALL WALL SURFACES IN SERVICE AND SERVICE-STORAGE SPACES SHALL BE FACED W/ FRP.
 - PROVIDE MOISTURE-RESISTANT GWB IN ALL LOCATIONS SUBJECT TO MOISTURE.
 - ANY EXPOSED INSULATION MATERIALS AS INTERIOR FINISH SHALL HAVE FLAME SPREAD OF 25 OR LESS, AND SMOKE DEVELOPMENT OF 450 OR LESS PER IBC 719.3.
- ABBREVIATIONS:**
- ACT ACOUSTICAL CEILING TILE
 - VCT VINYL COMPOSITION TILE
 - CPT CARPET
 - CT CERAMIC TILE
 - HW HARDWOOD
 - VCB VINYL COVE BASE
 - GWB GYPSUM WALLBOARD

LOWER LEVEL ROOM FINISH SCHEDULE									
SPACE NO.	ROOM	FLOOR	BASE	WALLS		CEILING		REMARKS	
				MTL.	FINISH	MTL.	FINISH		
LOWER LEVEL									
100	CLASSROOM	EPOXY	VCB	GWB	PAINT	ACT 3	9'-0"	---	
101	RECEPTION	EPOXY	VCB	GWB	PAINT	ACT 1	9'-0"	---	
102	FILES	EPOXY	VCB	GWB	PAINT	ACT 1	9'-0"	---	
103	OFFICE	EPOXY	VCB	GWB	PAINT	ACT 1	9'-0"	---	
104	OFFICE	EPOXY	VCB	GWB	PAINT	ACT 1	9'-0"	---	
105	FIRST AID	EPOXY	VCB	GWB	PAINT	ACT 1	8'-4"	---	
106	RESTROOM	EPOXY	VCB	FRP	---	ACT 2	8'-4"	---	
107	ISOLATION ROOM	EPOXY	VCB	FRP	---	ACT 1	8'-4"	---	
108	MEN'S RESTROOM	EPOXY	VCB	FRP	---	ACT 2	8'-4"	---	
109	WOMEN'S RESTROOM	EPOXY	VCB	FRP	---	ACT 2	8'-4"	---	
110	MECHANICAL	CONC.	---	GWB	UNFIN	---	---	---	UNFINISHED
111	RETAIL STORAGE	EPOXY	VCB	GWB	PAINT	ACT 1	9'-0"	---	
112	TRADING POST	EPOXY	VCB	GWB	PAINT	ACT 1	9'-0"	---	
113	CORRIDOR	EPOXY	VCB	GWB	PAINT	ACT 1	8'-4"	---	
114	CLASSROOM	EPOXY	VCB	GWB	PAINT	ACT 3	9'-0"	---	
115	CLASSROOM	EPOXY	VCB	GWB	PAINT	ACT 3	9'-0"	---	
116	CLASSROOM	EPOXY	VCB	GWB	PAINT	ACT 3	9'-0"	---	
117	CLASSROOM	EPOXY	VCB	GWB	PAINT	ACT 3	9'-0"	---	
118	CAFE	EPOXY	VCB	GWB	PAINT	---	---	---	PAIN UNDERSIDE OF EXIST. FLR. STRUCT.
119	SERVICE	EPOXY	VCB	FRP	---	ACT 2	8'-4"	---	
120	STORAGE	EPOXY	VCB	FRP	---	ACT 2	9'-0"	---	

LOWER LEVEL BUILDOUT PLAN
SCALE = 3/16"=1'-0"



LOWER LEVEL DOOR SCHEDULE

DR. NO.	SIZE (WIDTH X HEIGHT X THICKNESS)	MATERIAL	DOOR TYPE	LABEL (MIN.)	GLASS	THRD.	FRAME TYPE	CLOSER	HWDR SET #	REMARKS
E1	(2) 3'-0"x7'-0"x1-3/4"	MTL.	1		YES	YES		YES	1	NOTE 8
E2	(2) 3'-0"x7'-0"x1-3/4"	MTL.	1		YES	YES		YES	1	NOTE 8
E3	(2) 3'-0"x7'-0"x1-3/4"	MTL.	1		YES	YES		YES	1	NOTE 8
E4	(2) 3'-0"x7'-0"x1-3/4"	MTL.	1		YES	YES		YES	1	NOTE 8
100A	(2) 3'-0"x7'-0"x1-3/4"	SCW	3A				HM2		3	
100B	(2) 3'-0"x7'-0"x1-3/4"	SCW	3A				HM2		3	
100C	1'-6"x7'-0"x1-3/4"	SCW	3				HM3		4	LOUVERED DR., CONSULT OWNER
100D	(2) 3'-0"x7'-0"x1-3/4"	SCW	3A				HM2		3	
100E	(2) 3'-0"x7'-0"x1-3/4"	SCW	3A				HM2		3	
102A	3'-0"x7'-0"x1-3/4"	SCW	3				HM1		4	
103A	3'-0"x7'-0"x1-3/4"	SCW	3				HM1		4	
104A	3'-0"x7'-0"x1-3/4"	SCW	3				HM1		4	
105A	3'-0"x7'-0"x1-3/4"	SCW	3				HM1	YES	5	
105B	3'-0"x7'-0"x1-3/4"	SCW	3				HM1		6	
106A	3'-0"x7'-0"x1-3/4"	SCW	3				HM1		7	
107A	3'-0"x7'-0"x1-3/4"	SCW	3				HM1		7	
108A	3'-0"x7'-0"x1-3/4"	SCW	3				HM1	YES	8	
109A	3'-0"x7'-0"x1-3/4"	SCW	3				HM1	YES	8	
110A	3'-0"x7'-0"x1-3/4"	SCW	3				HM1		6	
111A	3'-0"x7'-0"x1-3/4"	SCW	3				HM1		4	
112A	3'-0"x7'-0"x1-3/4"	SCW	2		YES		HM1		4	
112B	3'-0"x7'-0"x1-3/4"	SCW	2		YES		HM1		4	
112C	3'-0"x7'-0"x1-3/4"	SCW	3				HM1		4	
113A	2'-8"x7'-0"x1-3/4"	SCW	3				HM1		4	
114A	3'-0"x7'-0"x1-3/4"	SCW	3				HM3		2	
114B	3'-0"x7'-0"x1-3/4"	SCW	3				HM2		2	
115A	3'-0"x7'-0"x1-3/4"	SCW	3				HM3		2	
115B	3'-0"x7'-0"x1-3/4"	SCW	3				HM2		2	
116A	3'-0"x7'-0"x1-3/4"	SCW	3				HM3		2	
116B	3'-0"x7'-0"x1-3/4"	SCW	3				HM2		2	
117A	3'-0"x7'-0"x1-3/4"	SCW	3				HM3		2	
117B	3'-0"x7'-0"x1-3/4"	SCW	3				HM2		2	
120A	3'-0"x7'-0"x1-3/4"	SCW	3				HM1		4	

GENERAL DOOR NOTES

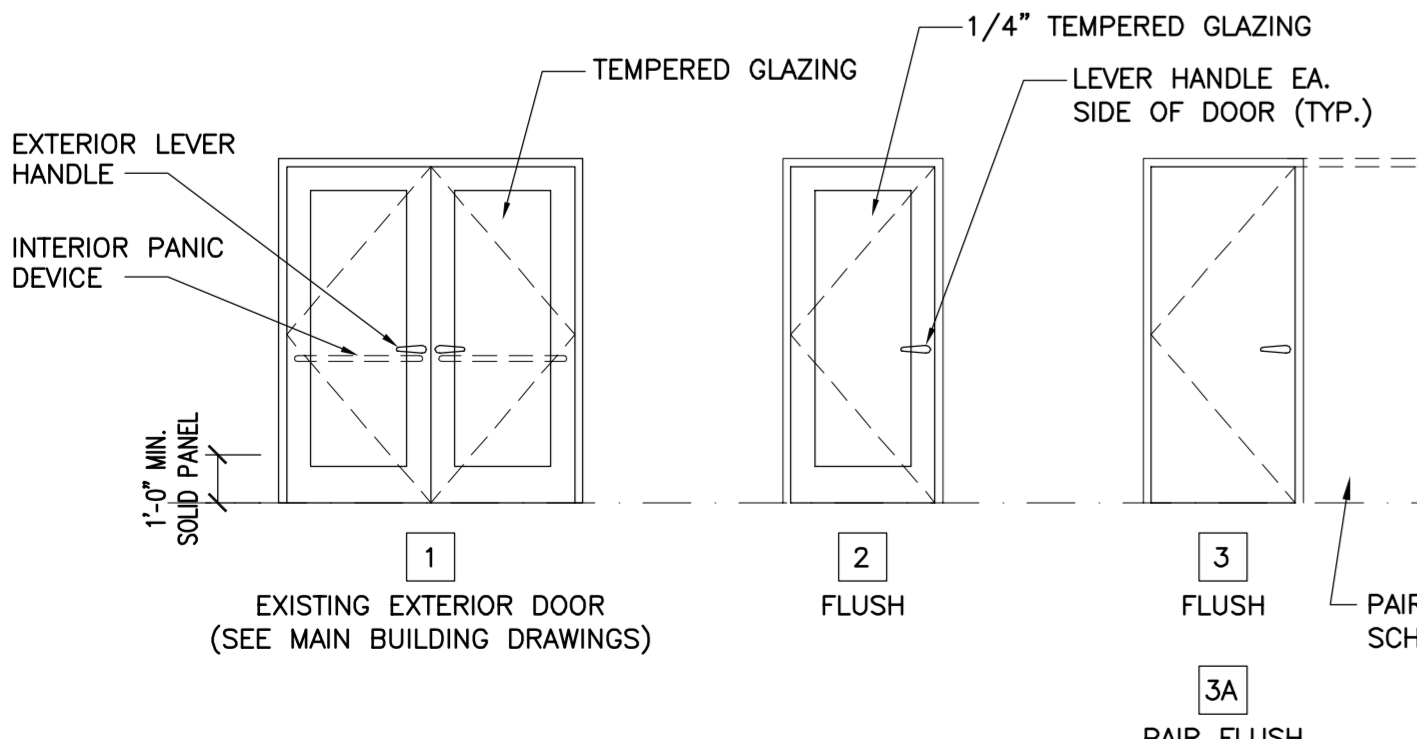
- ALL THRESHOLDS SHALL BE 1/4" OFFSET, ADA ACCESSIBLE.
- PROVIDE WEATHERSTRIPPING FOR ALL EXTERIOR DOORS.
- SEE FLOOR PLAN FOR SWING.
- "SCW" DENOTES SOLID CORE WOOD DOORS. WOOD DOORS SHALL BE CROSSBANNED CONSTRUCTION, PARTICLE BOARD CORE, PREMIUM GRADE WOOD FACE, FACTORY STAIN WITH SATIN POLYURETHANE, MATCHING EDGE ROTARY CUT, BOOK MATCH.
- NON-RATED DOORS SHALL BE 7-PLY; FIRE-RATED DOORS SHALL BE 5-PLY.
- ALL INTERIOR DOOR FRAMES IN NON-RATED PARTITIONS SHALL BE 18 GAGE HOLLOW METAL FRAMES, KNOCK-DOWN TYPE, W/ 2" WIDE HEAD AND JAMBS, AND SHALL BE FACTORY PRIMED AND FIELD-PAINTED, CONSULT TENANT FOR COLORS.
- EXISTING INTERIOR DOORS INSTALLED AS PART OF BASE BUILDING, SEE BASE BUILDING DRAWINGS FOR FULL DETAILS.
- HARDWARE SETS ARE BASED ON CORBIN RUSSWIN SERIES CL3600 HEAVY DUTY CYLINDRICAL LEVER LOCKSETS.

DOOR LATCH TYPES:

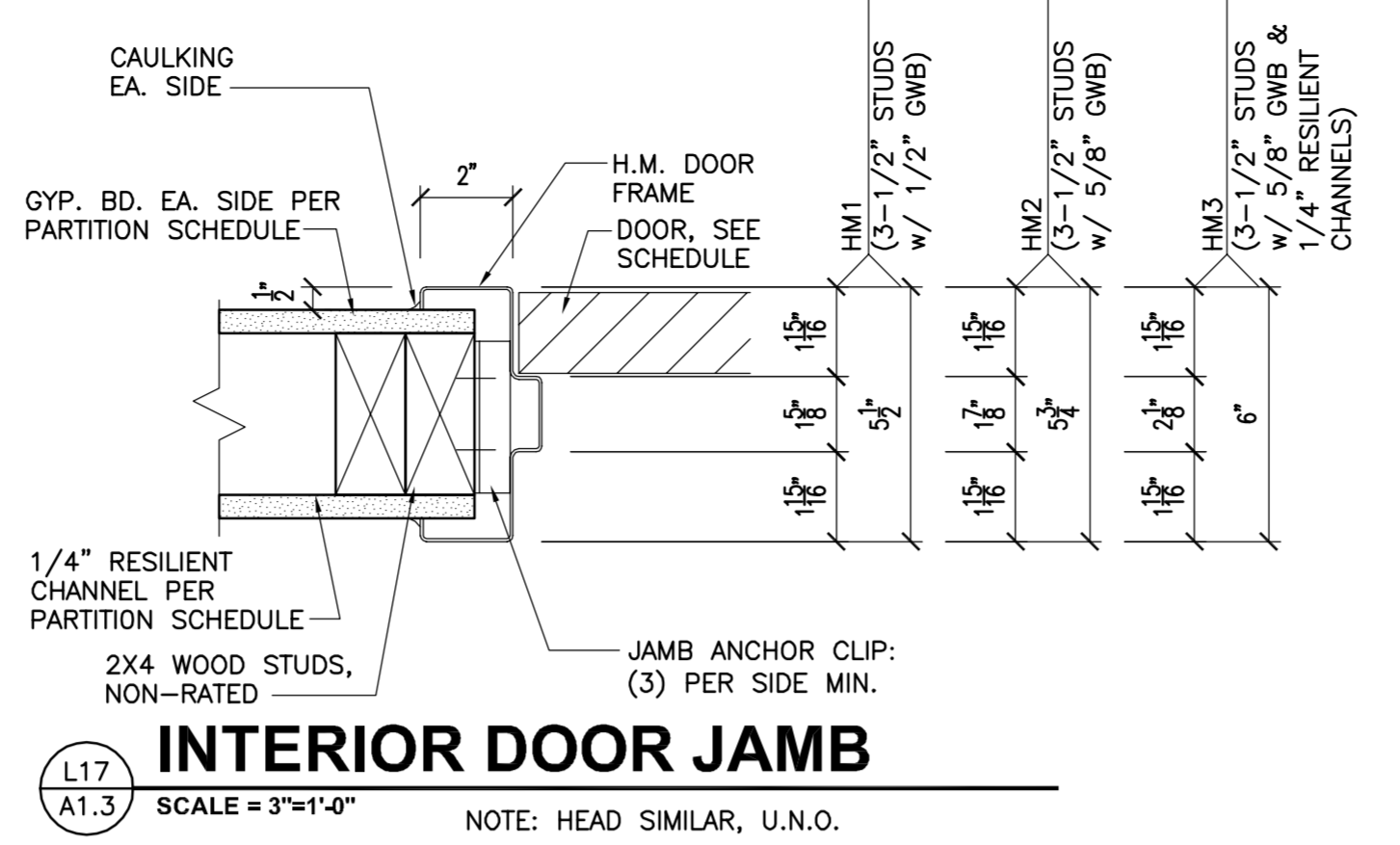
Outside	Inside	Series/Function	Type	ANSI No. Series 4000	Function Description
		CL3510	Passage or Closet	F75	- Latchbolt by lever either side. - Both levers always free.
		CL3520	Privacy Bedroom or Bathroom	F76	- Throw-off latchbolt by lever either side. - Outside lever locked by push button. - Outside lever unlocked by emergency release foot outside, by rotating lever or by closing door. - Inside lever always free.
		CL3551	Entrance of Office	F109	- Deadlocking latchbolt by lever either side except when turn button locks outside lever. Pushing turn button locks outside lever, requiring use of key outside to unlock. - Turning inside lever unlocks outside lever (when button is pushed, in but not turned). - Pushing in and turning button locks outside lever, requiring key at all times. - Turning inside lever does not unlock outside lever until button is manually turned to unlocked position. - Inside lever always free.
		CL3555	Classroom	F84	- Deadlocking latchbolt by lever either side except when key outside locks outside lever. - Outside lever unlocked by key outside. - Inside lever always free.
		CL3557	Storeroom or Closet	F86	- Deadlocking latchbolt by key in outside lever or by rotating inside lever. - Outside lever always rigid. - Inside lever always free.
		CL3561	Entrance of Office	F82	- Deadlocking latchbolt by lever either side, except when push button locks outside lever. - Push button released by turning inside lever or by key in outside lever. - Closing door does not release push button. - Inside lever always free.

DOOR HARDWARE SETS:

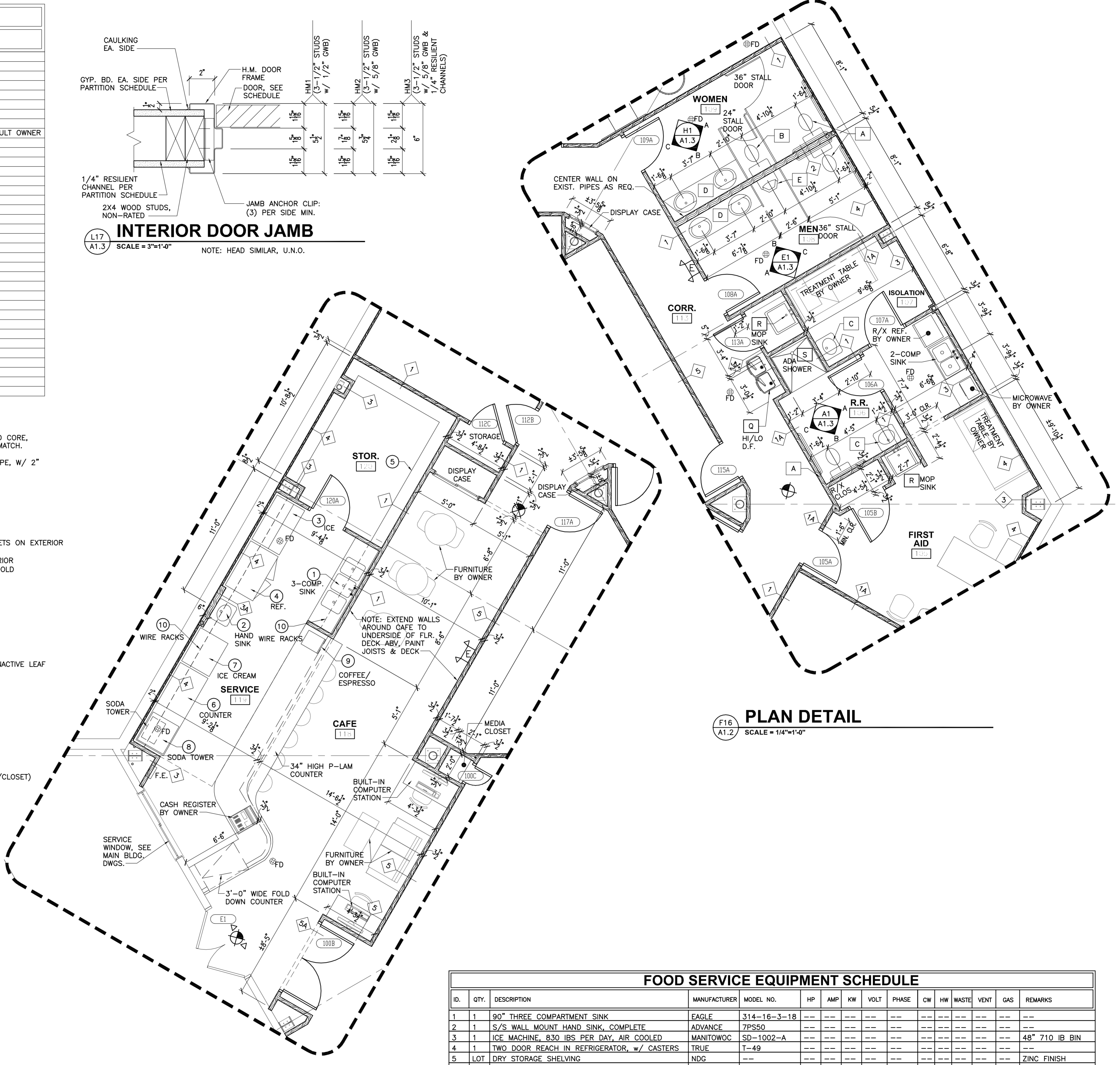
- (3) PAIR HINGES
 (1) LEVER HANDLE ENTRY SETS ON EXTERIOR
 (2) CLOSERS
 (2) PANIC DEVICES ON INTERIOR
 (1) ADA ACCESSIBLE THRESHOLD WEATHERSTRIPPING
- (1-1/2) PAIR HINGES
 (1) LATCH SET: ANSI F84 (LEVER HANDLE CLASSROOM)
 (1) DUMMY LATCH
 (1) SET FLUSH BOLTS ON INACTIVE LEAF
- (3) PAIR HINGES
 (1) LOCK SET: ANSI F84 (LEVER HANDLE CLASSROOM)
 (1) DUMMY LATCH
 (1) SET FLUSH BOLTS ON INACTIVE LEAF
- (1-1/2) PAIR HINGES
 (1) LOCK SET: ANSI F82 (LEVER HANDLE OFFICE)
 (1) CLOSER
- (1-1/2) PAIR HINGES
 (1) LOCK SET: ANSI F82 (LEVER HANDLE OFFICE)
 (1) CLOSER
- (1-1/2) PAIR HINGES
 (1) LOCK SET: ANSI F86 (LEVER HANDLE STOREROOM/CLOSET)
- (1-1/2) PAIR HINGES
 (1) LOCK SET: ANSI F76 (LEVER HANDLE PRIVACY)
 (1) CLOSER
- (1-1/2) PAIR HINGES
 (1) LATCH SET: ANSI F75 (LEVER HANDLE PASSAGE)
 (1) CLOSER



DOOR TYPES
 SCALE = 1/4"=1'-0"



INTERIOR DOOR JAMB
 SCALE = 3/8"=1'-0" NOTE: HEAD SIMILAR, U.N.O.



PLAN DETAIL
 SCALE = 1/4"=1'-0"

PLAN DETAIL
 SCALE = 1/4"=1'-0"

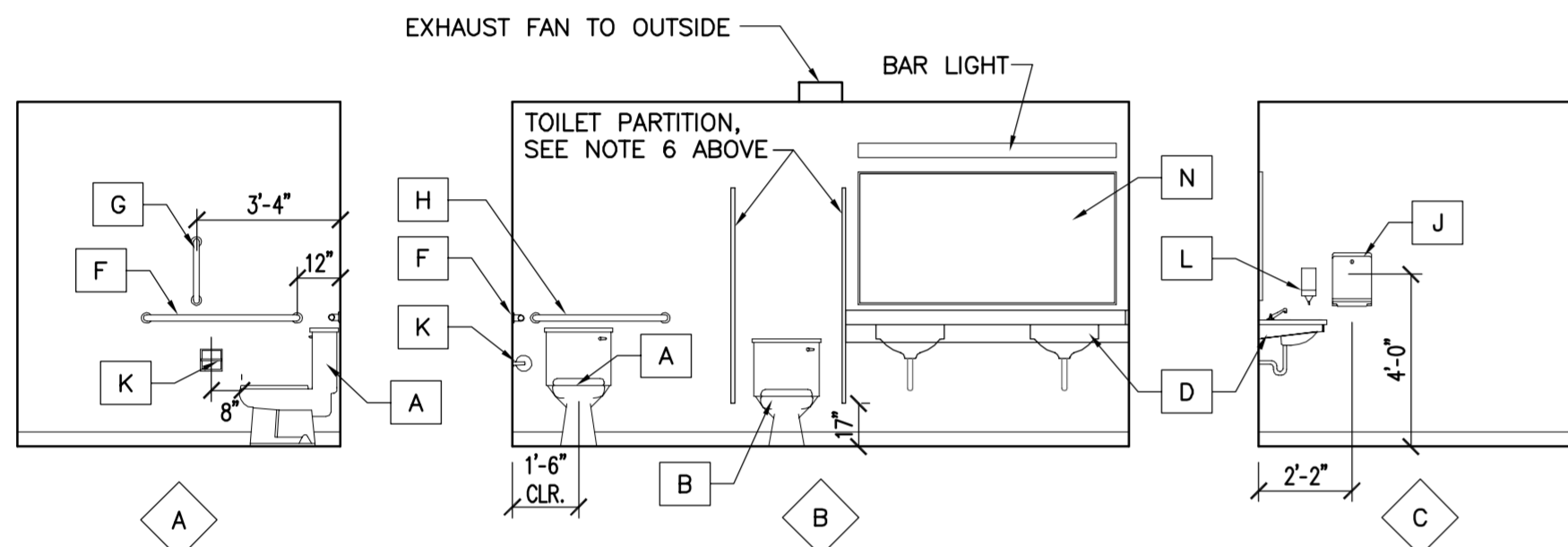
FOOD SERVICE EQUIPMENT SCHEDULE

ID.	QTY.	DESCRIPTION	MANUFACTURER	MODEL NO.	HP	AMP	KW	VOLT	PHASE	CW	HW	WASTE	VENT	GAS	REMARKS
1	1	90" THREE COMPARTMENT SINK	EAGLE	314-16-3-18											
2	1	S/S WALL MOUNT HAND SINK, COMPLETE	ADVANCE	7PS50											
3	1	ICE MACHINE, 830 LBS PER DAY, AIR COOLED	MANITOWOC	SD-1002-A											48" 710 IB BIN
4	1	TWO DOOR REACH IN REFRIGERATOR, w/ CASTERS	TRUE	T-49											
5	LOT	DRY STORAGE SHELVING	NDG												ZINC FINISH
6	1	30"x84" S/S TABLE	EAGLE	T3084SEB											
7	1	SOFT SERVE ICE CREAM MACHINE													
8	1	SODA TOWER W/ ICE DISPENSER													BY SODA SUPPLIER
9	1	COFFEE/ESPRESSO MACHINE													
10	1	WALL-MOUNT WIRE RACKS													

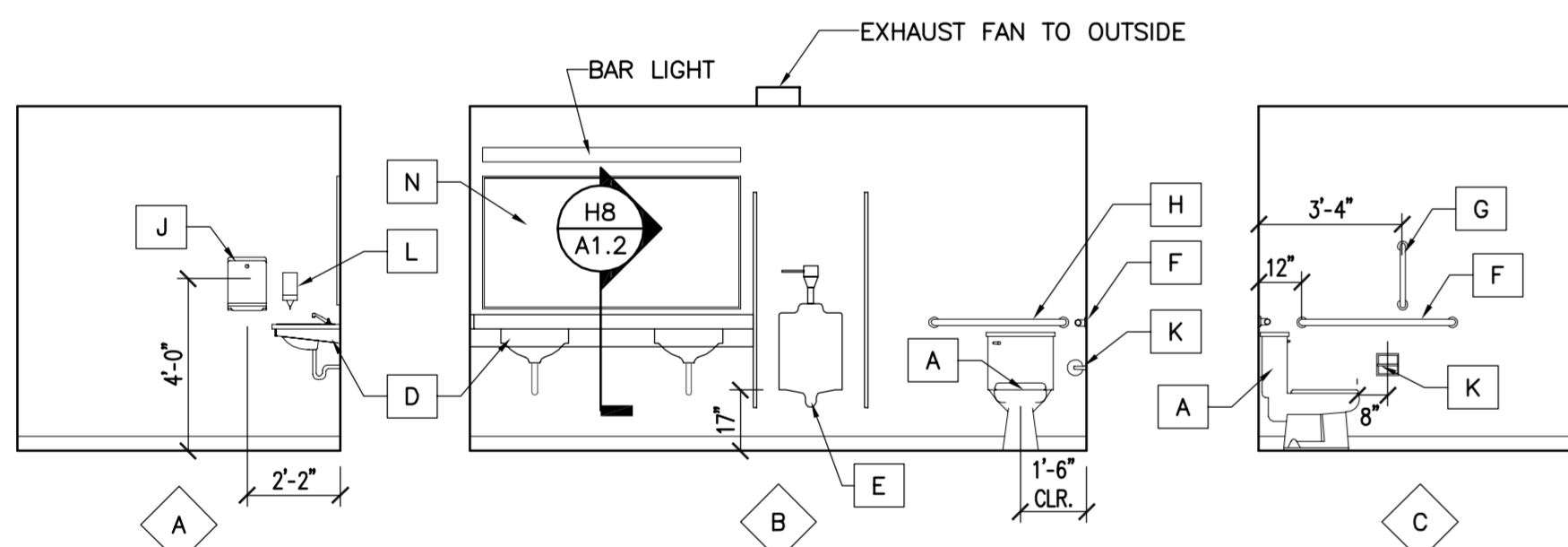
RESTROOM ACCESSORY SCHEDULE

ID.	DESCRIPTION	MANUFACTURER	MODEL	NOTES	MOUNTING HEIGHT
A	WATER CLOSET- HANDICAP	TOTO	CS704	WHITE W/ SEAT	SEAT 17" A.F.F.
B	WATER CLOSET- STANDARD	TOTO	---	WHITE W/ SEAT	SEAT 14"± A.F.F.
C	LAVATORY- WALL HUNG	AMERICAN STANDARD	LUCERNE 0355.012	WHITE W/ ADA FAUCET	34" A.F.F. TO TOP OF SINK RIM
D	LAVATORY	AMERICAN STANDARD	CADET 0425.444	WHITE W/ ADA FAUCET	34" A.F.F. TO TOP OF SINK RIM
E	WALL-HUNG URINAL	AMERICAN STANDARD	WASHBROOK 6501.010	WHITE	17" A.F.F. TO TOP OF RIM FOR H.C.; 21" A.F.F. TO TOP OF RIM FOR STANDARD
F	1-1/2" DIAMETER 42" GRAB BAR	BOBRICK	B-6206.99 X 42	REINFORCED WALL	36" A.F.F. TO CENTER OF BAR
G	1-1/2" DIAMETER 18" GRAB BAR	BOBRICK	B-6206.99 X 18	REINFORCED WALL	40" A.F.F. TO BOTTOM OF BAR
H	1-1/2" DIAMETER 36" GRAB BAR	BOBRICK	B-6206.99 X 36	REINFORCED WALL	36" A.F.F. TO CENTER OF BAR
J	SURFACE-MOUNT P.T. DISPENSER	BOBRICK	B-262	STAINLESS STEEL	48" A.F.F. TO BOTTOM
K	SURFACE-MOUNT T.P. DISPENSER	BOBRICK	B-264	STAINLESS STEEL	24" A.F.F.
L	SOAP DISPENSER	BOBRICK	B-2112		44" A.F.F. TO BOTTOM OF DISPENSER
M	MIRROR 18"x36"	BOBRICK	B165-1836		40" A.F.F. TO BOTTOM OF REFLECTING SURFACE
N	MIRROR 72"x36"	BOBRICK	B165-6036		40" A.F.F. TO BOTTOM OF REFLECTING SURFACE
Q	HI/LO DRINKING FOUNTAIN	ELKAY	LIEATL8C		34" TO TOP OF LOWER FOUNTAIN SPOUT
R	MOP SINK	FIAT	MSB2424		-
S	H.C. SHOWER	AQUARIUS	S4136BF	W/ HAND HELD SHOWER CONTROLS	-
T	BAR SINK				

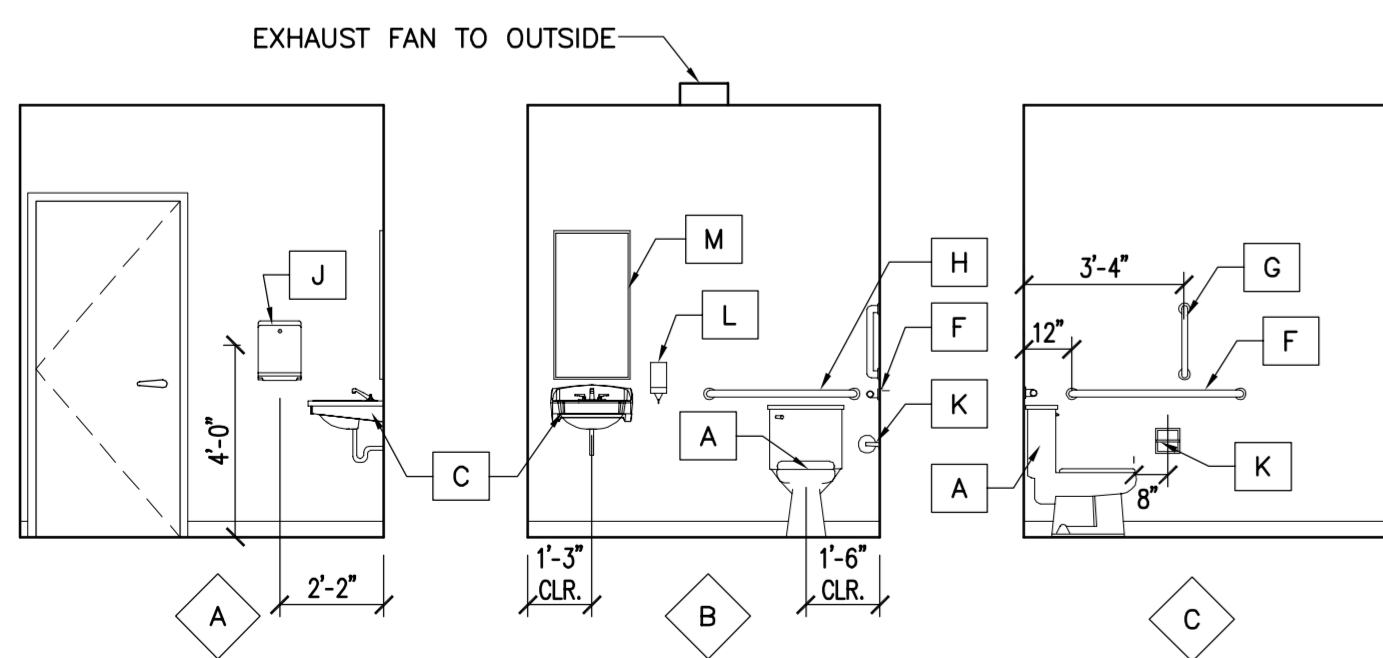
- NOTES:**
- INSULATE ALL EXPOSED H.W. SUPPLY AND DRAIN PIPES.
 - ALL SUBSTITUTE FIXTURES SHALL BE ADA COMPLIANT.
 - TOILET LEVER SHALL BE TO WIDE SIDE OF ROOM OR STALL.
 - PROVIDE 2x WD. BLOCKING BETWEEN STUDS FOR MOUNTING ALL FIXTURES & ACCESSORIES.
 - PROVIDE VENTILATION FANS TO OUTSIDE FOR ALL TOILETS AND JANITOR CLOSETS, OPERATION TO ACTIVATE WHEN LIGHT IS SWITCHED. ANY VENT PIPE (OR OTHER) PENETRATIONS THROUGH METAL ROOF SHALL BE INSPECTED & VERIFIED BY ROOF INSTALLER OR MANUFACTURER TO INSURE CONTINUANCE OF ROOF WEATHERTIGHTNESS WARRANTY.
 - TOILET PARTITIONS:** 1" SOLID PLASTIC (HDPE) TOILET PARTITION (CAPITAL PARTITIONS, INC. POLY-PRO PLUS, "CONGRESS" SERIES, FLOOR-MOUNTED, OVERHEAD BRACED) W/ 1/4" TOE SPACE, PROVIDE DOORS W/ HANDICAP HARDWARE IN SIZE INDICATED ON PLAN



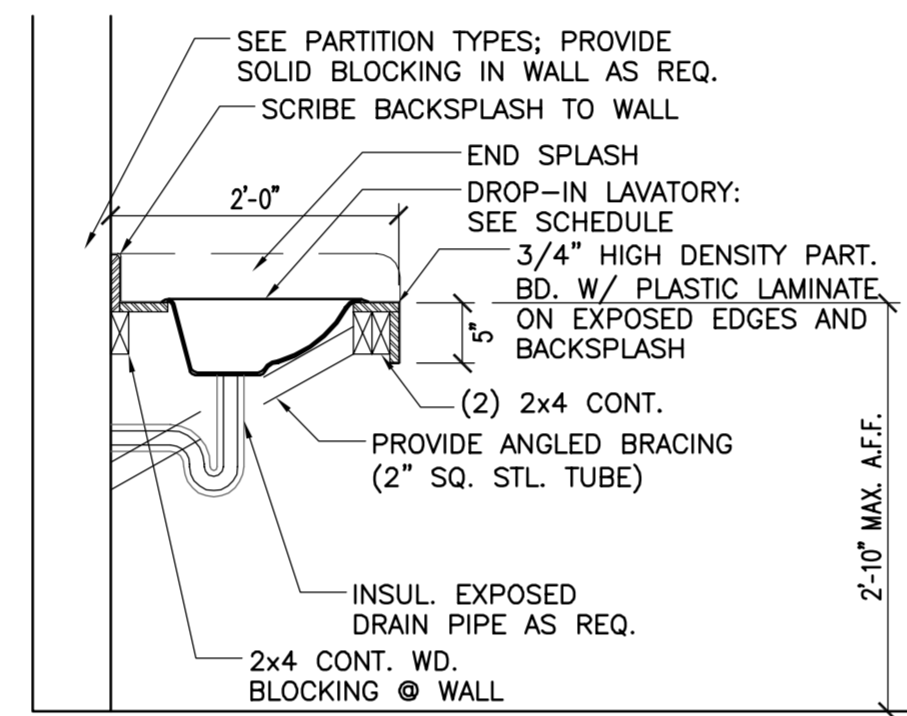
WOMEN'S RESTROOM #109
H1
A1.3 SCALE = 1/4"=1'-0"



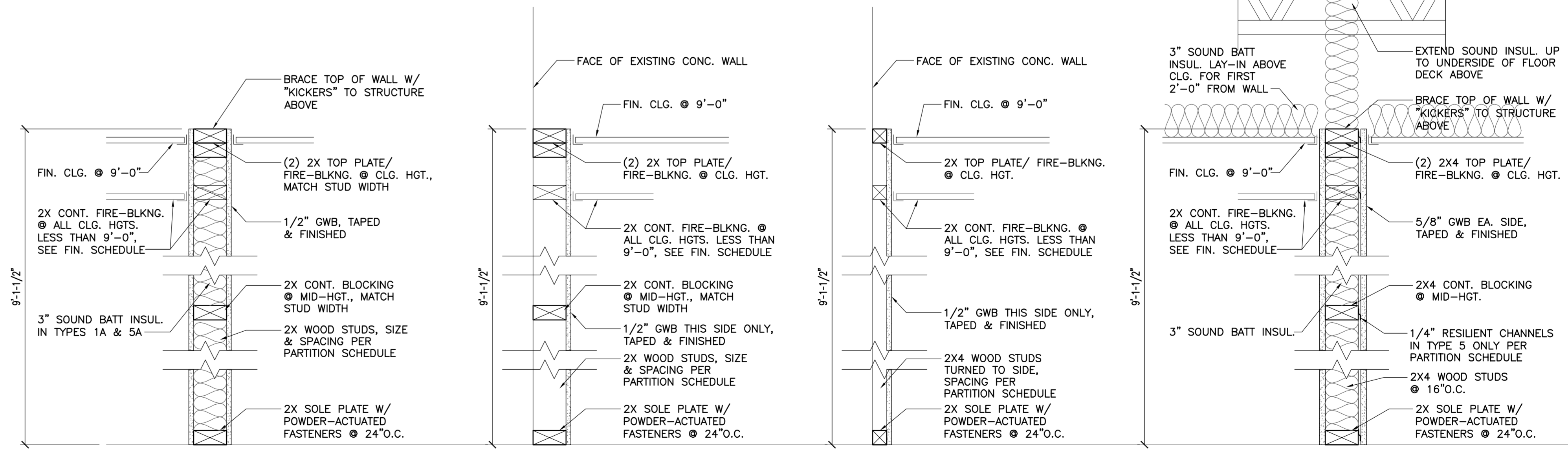
MEN'S RESTROOM #109
E1
A1.3 SCALE = 1/4"=1'-0"



RESTROOM #106
A1
A1.3 SCALE = 1/4"=1'-0"



LAVATORY DETAIL
H8
A1.2 SCALE = 3/4"=1'-0"



PARTITION DETAILS
A8
A1.3 SCALE = 1 1/2"=1'-0"

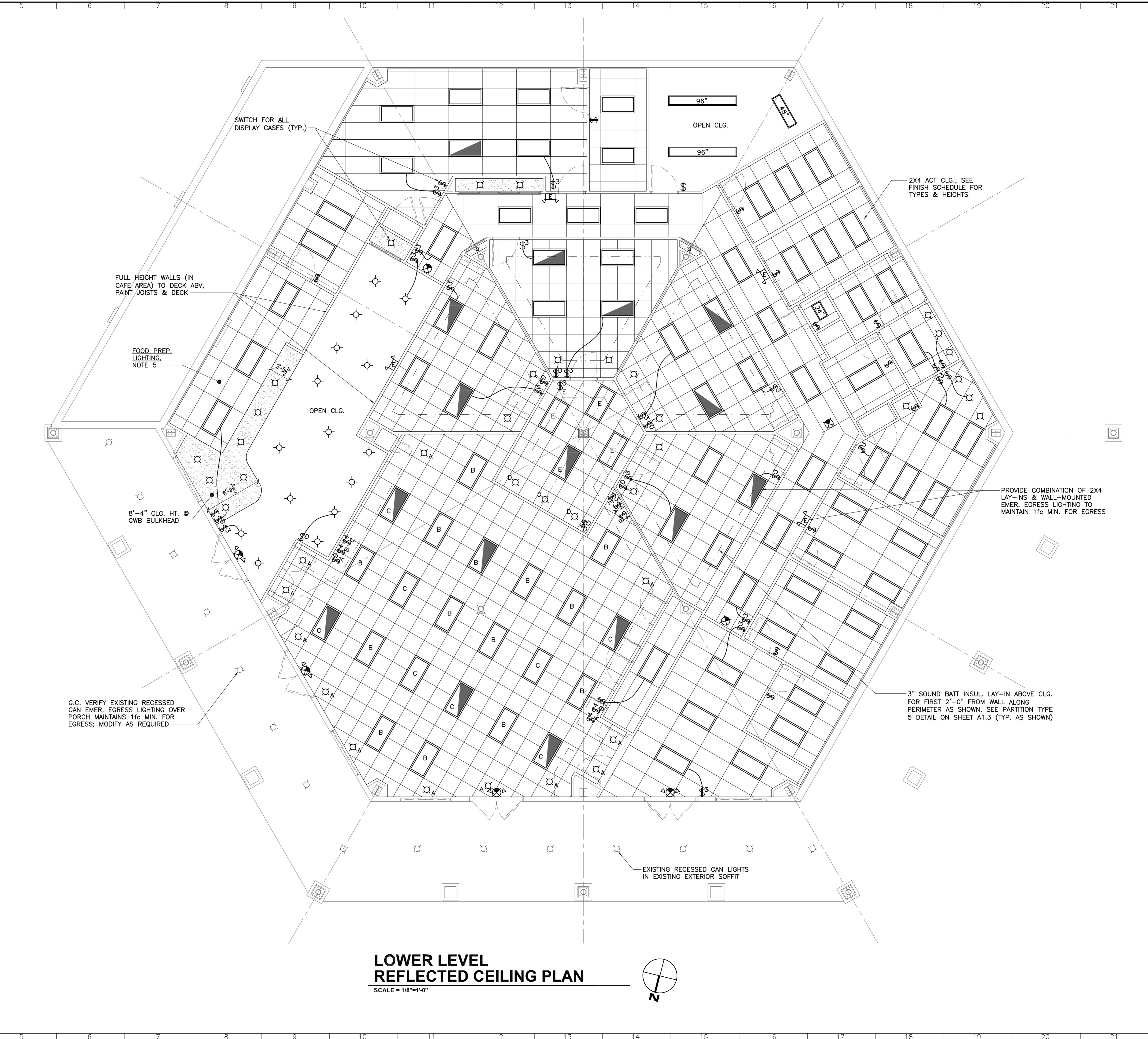
PARTITION SCHEDULE

TYPE	DESCRIPTION	RATING (HOURS)	UL DESIGN NO.	HEIGHT
1	2X4 WOOD STUDS @ 16"o.c. W/ 2X4 BOT. PLATE & 2X4 TOP PLATE. SECURE BOTTOM PLATE TO SLAB PER IBC FASTENING SCHEDULE. 1/2" GWB EA. SIDE, SECURE TO STUDS W/ NO. 6 SCREWS @ 12"o.c. MAX. TAPE & FINISH ALL JOINTS. FINISH PER SCHEDULE.	0 HOUR	N/A	9'-1 1/2" (EXTEND TO UNDERSIDE OF FLR DECK ABV @ CAFE 118)
1A	SAME AS 1, INSULATE w/ 3" SOUND BATTS	0 HOUR	N/A	9'-1 1/2"
2	2X6 WOOD STUDS @ 24"o.c. W/ 2X6 BOT. PLATE & 2X6 TOP PLATE. SECURE BOTTOM PLATE TO SLAB PER IBC FASTENING SCHEDULE. 1/2" GWB EA. SIDE, SECURE TO STUDS W/ NO. 6 SCREWS @ 12"o.c. MAX. TAPE & FINISH ALL JOINTS. FINISH PER SCHEDULE.	0 HOUR	N/A	9'-1 1/2"
3	2X4 WOOD STUDS @ 16"o.c. W/ 2X4 BOT. PLATE & 2X4 TOP PLATE. SECURE BOTTOM PLATE TO SLAB PER IBC FASTENING SCHEDULE. 1/2" GWB ON INTERIOR SIDE, SECURE TO STUDS W/ NO. 6 SCREWS @ 12"o.c. MAX. TAPE & FINISH ALL JOINTS.	0 HOUR	N/A	9'-1 1/2"
3A	2X6 WOOD STUDS @ 24"o.c. W/ 2X4 BOT. PLATE & 2X4 TOP PLATE. SECURE BOTTOM PLATE TO SLAB PER IBC FASTENING SCHEDULE. 1/2" GWB ON INTERIOR SIDE, SECURE TO STUDS W/ NO. 6 SCREWS @ 12"o.c. MAX. TAPE & FINISH ALL JOINTS.	0 HOUR	N/A	9'-1 1/2"
4	2X WOOD FURRING STRIPS @ 24"o.c. HOLD 1/2" FROM EXISTING CONCRETE FOUNDATION WALL. 1/2" GWB ON INTERIOR SIDE, SECURE TO STUDS W/ NO. 6 SCREWS @ 12"o.c. MAX. TAPE & FINISH ALL JOINTS.	0 HOUR	N/A	9'-1 1/2"
5	2X4 WOOD STUDS @ 16"o.c. W/ 2X4 BOT. PLATE & 2X4 TOP PLATE, W/ 1/4" 25 GAGE STL. RESILIENT CHANNELS @ 16" O.C. ON ONE SIDE OF WALL. 5/8" GWB EA. SIDE, SECURE TO STUDS W/ NO. 6 SCREWS @ 12"o.c. MAX. TAPE & FINISH ALL JOINTS. INSULATE w/ 3" SOUND BATTS. FINISH PER SCHEDULE.	0 HOUR	N/A	9'-1 1/2" (EXTEND TO UNDERSIDE OF FLR DECK ABV @ CAFE 118)
5A	SAME AS 5, NO RESILIENT CHANNEL	0 HOUR	N/A	9'-1 1/2" (EXTEND TO UNDERSIDE OF FLR DECK ABV @ CAFE 118)

- GENERAL PARTITION NOTES:**
- INSTALL CONT. 2X FIRE-BLOCKING @ ALL DROP CEILING LEVEL(S) AND CONT. 2X BLOCKING @ MID-HEIGHT IN ALL PARTITIONS.
 - ALL PARTITIONS SHALL BE FINISHED PER FINISH SCHEDULE.
 - PROVIDE MOISTURE RESISTANT GYPSUM BOARD IN ALL WET OR DAMP ENVIRONMENTS.
 - PROVIDE TILE BACKER BOARD IN LIEU OF GWB BEHIND ALL WALL TILE, SEE INTERIOR DETAILS FOR TILE LOCATIONS.

CEILING LEGEND	
ITEM	DESCRIPTION
A	2X4 LAY-IN FLUORESCENT LIGHT W/ PRISMATIC LENS ('A' DENOTES SWITCH CIRCUIT AS REQUIRED)
A	2X4 LAY-IN FLUORESCENT W/ BATTERY BACK-UP EMER. EGRESS LIGHT ('A' DENOTES SWITCH CIRCUIT AS REQUIRED)
#	2 BULB FLOURESCENT STRIP FIXTURES W/ PRISMATIC LENS (# DENOTES FIXTURE LENGTH)
⊙	RECESSED CAN LIGHT ('A' DENOTES SWITCH CIRCUIT AS REQUIRED)
⊙	PENDANT LIGHT FIXTURE ('A' DENOTES SWITCH CIRCUIT AS REQUIRED)
⊙	ILLUMINATED EXIT LIGHT W/ BATTERY BACKUP
⊙	COMBINATION ILLUMINATED EXIT LIGHT & EMERGENCY EGRESS LIGHT W/ BATTERY BACKUP (SEE PLAN FOR NEW OR EXIST.)
⊙	WALL-MOUNTED EMERGENCY EGRES LIGHT WITH BATTERY BACK-UP
\$	LIGHT SWITCH, SINGLE POLE, MOUNTED @ 48" MAX. A.F.F. TO SWITCH, U.N.O. ('A' DENOTES SWITCH CIRCUIT AS REQUIRED)
\$	LIGHT SWITCH, 3-WAY, MOUNTED @ 48" MAX. A.F.F. TO SWITCH, U.N.O. ('A' DENOTES SWITCH CIRCUIT AS REQUIRED)
\$	LIGHT SWITCH, 4-WAY, MOUNTED @ 48" MAX. A.F.F. TO SWITCH, U.N.O. ('A' DENOTES SWITCH CIRCUIT AS REQUIRED)
\$	LIGHT SWITCH, W/ DIMMER, MOUNTED @ 48" MAX. A.F.F. TO SWITCH, U.N.O. ('A' DENOTES SWITCH CIRCUIT AS REQUIRED)

- GENERAL LIGHTING NOTES:**
- ALL LIGHTING AND ELECTRICAL WORK AND LAYOUTS SHOWN IS SCHEMATIC ONLY, FOR GENERAL BIDDING PURPOSES ONLY. ELECTRICAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ELECTRICAL DESIGN AND PREPARING ELECTRICAL DRAWINGS FOR ELECTRICAL PERMIT. ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY ELECTRICAL ENGINEERING/DESIGN.
 - EMERGENCY EGRESS LIGHTING SHOWN IS FOR SCHEMATIC PURPOSES ONLY. ELECTRICAL SUBCONTRACTOR SHALL DETERMINE EXACT LIGHTING LOAD CALCULATIONS AND LOCATIONS OF EGRESS LIGHTING TO MAINTAIN 1fc LIGHTING ALONG EGRESS PATHS.
 - SUBMITTALS FOR ALL PROPOSED LIGHTING SHALL BE SUBMITTED TO OWNER & ARCHITECT FOR REVIEW & APPROVAL PRIOR TO CONSTRUCTION.
 - LIGHTING IN COOLER/FREEZERS AND DRY STORAGE AREAS SHALL BE 10fc MINIMUM @ 30" ABOVE THE FLOOR.
 - LIGHTING IN ALL FOOD PREPARATION LOCATIONS WHERE EMPLOYEES ARE WORKING WITH FOOD OR UTENSILS/EQUIPMENT (INCLUDING KNIVES, SLICERS, GRINDERS, ETC.) SHALL BE 50fc MINIMUM @ 30" ABOVE THE FLOOR. LIGHTING IN OTHER KITCHEN LOCATIONS (INCLUDING HANDWASHING, WAREWASHING AND EQUIPMENT/UTENSIL STORAGE) TO BE 20fc MINIMUM @ 30" ABOVE THE FLOOR.
 - LIGHTING IN RESTROOMS TO BE 20fc MINIMUM @ 30" ABOVE THE FLOOR.
 - PROVIDE NUMBER & WATTAGE OF BULBS IN EACH FIXTURE SHOWN AS REQ. TO ACHIEVE REQUIRED LIGHT LEVELS.
 - PROVIDE EXIT SIGNS/LIGHTS IN ACCORDANCE WITH IBC 1003.2.10. PROVIDE EMERGENCY EGRESS LIGHTS IN ACCORDANCE WITH IBC 1003.2.11, TO PROVIDE MIN. 1.0 f.c. LIGHT LEVEL ALONG ALL EGRESS PATHS.



LOWER LEVEL REFLECTED CEILING PLAN
SCALE = 1/8"=1'-0"

