

FLOOR CONSTRUCTION LEGEND

F 1 - Existing Wood Floor: 1 1/8" T&G Plywood on 14" pre-fab joists @ 16" o.c.

F 2 - Existing Concrete Slab: 4" conc. slab with 6x6xW1.4xW1.4 WWF on gravel base 36" minimum structural fill.

F 3 - Replace or New Concrete Slab: 4" conc. slab on grade rebar w/ 6x6xW1.4xW1.4 WWF.

WALL CONSTRUCTION LEGEND

W1 - Existing Exterior Wall: Modular face brick on 1/2" Exterior Sheathing on 2x4 Wood Studs @ 16" O.C. with R-11 Blanket Insulation.

W1A - NEW 1 Hr Exterior Wall: One Layer 5/8" Type X gypsum sheathing applied parallel to 2x4 wood studs @ 24" o.c. with 1 3/4" galvanized roofing nails @ 4" o.c. @ vertical joints and 7" o.c. @ intermediate studs and top and bottom plates. Joints of gypsum may be left untreated. Brick veneer to be applied with 1" air space between brick and exterior sheathing. No. 20ga galvanized wire ties attached to each stud with 8d coated nails, 2 1/2" long, 0.113 shank, 3/8" head at every 6th course of bricks.

Interior Side: One layer 5/8" Type X gypsum wall board, water resistant gypsum backing board, or gypsum veneer base applied parallel or at right angles to studs with 8d coated nails, 1 1/2" long, 0.0915" shank, 7/8" heads @ 7" o.c. (GA WP8105).

W1.1 - Existing Exterior Wall: same as W1 above except w/ Wood Studs are @ 12" O.C.

W1.2 - Existing Exterior Wall: Same as W1 except with 2x6 wood studs.

W1.3 - Existing Interior Wall: 2x4 Wood Stud with 1/2" Gyp. on each side.

W1.4 - Existing 1 Hr Interior Wall: same as W1.3 except w/ 5/8" type X GPDW.

W1.5 - Existing Interior Shear Wall: One layer 1/2" O.S.B. on side of 2x6 wood studs @ 16" o.c. & one layer 5/8" GPDW each side of shear wall w/ 3" sound batts to ceiling. See Structural.

W2 - New Interior Sound Wall: One layer 5/8" GPDW each side of 3 5/8" 22ga. Steel studs @ 16" o.c. with 3" sound batts to ceiling. Set floor plate in ceiling, and offset any wall outlets 16" min. Provide M.R. GPDW where required.

W2.1 - Interior Wall: Same W2 except delete sound batts.

W2.2 - Existing 1 Hour As Area Separation Wall: One Layer 5/8" Type X Gypsum wall board or Gypsum Veneer base applied to each side of 2x4 wood studs 16" O.C.

W2.3 - New 2 Hour Fire Wall (Load Bearing): One Layer 5/8" Type X Gypsum wall board or Gypsum Veneer base applied Parallel or at right angles to each side of 2x4" Wood Studs 16" O.C. with 1 3/4" Type W drywall screws 12" O.C. Face Layer 5/8" Type X Gypsum Wall board or Veneer base applied parallel or at right angles to each side with 1 3/4" Type W drywall screws 12" O.C. and offset 8" from screws in base layer. Joints Staggered 16" each layer and side as per GA WP 1336 - 2003 RC - 220 (10) 24.5

W2.3 A - New 2 Hour Fire Wall (Non-load bearing): Two Layers Type X gypsum wall board each side of 2"x4" wood studs. Base layers applied vertically and nailed with 6d cooler or wall board nails 9" o.c. Face Layer applied vertically or horizontally with 6d cooler or wall board nails @ 7 1/2" o.c. per 2003 RC - 220 (10) 24.5

W2.3 B - New Exterior Wall @ Removal of 9 Windows: Install additional 2 layers 5/8" Type X sheathing each side of 2x4 frame with new R-13 Batt insulation to bottom roof structure install 1 1/2" CDX Plywood Sheathing External Weather Barrier Matching S.S.M.R. roof / wall panels.

W2.4 - New 1 Hour Interior Wall: One Layer 5/8" Type X Gypsum wall board or Gypsum Veneer base applied to each side of 3 5/8" 22ga. Steel studs 16" O.C.

W2.5 - New Furred Wall: One Layer 5/8" Gyp. board on 1 1/2" Steel Studs @ 16" O.C. over pair of 3" Steel Columns.

W2.6 - New Interior Sound Wall (1HR): One layer 5/8" Type X each side of 3 5/8" 22ga. Steel studs @ 24" o.c. with 1" Type S drywall screws 8" o.c. @ vertical joints and 12" o.c. @ floor and ceiling runners and intermediate studs. 3" sound batts to ceiling. Joints stagger 24" on opposite sides per: Ga WP 1350. Set floor plate in ceiling, and offset any wall outlets 16" min.

W3 - New Plumbing Wall: One layer 5/8" Gypsum relative 3/4" GPDW each side of 6" 22ga. Steel Studs @ 24" o.c. Provide 3" sound batts & cross-ventilation as required in attic space. Wet walls to receive C.T. to 48" per plans.

W4 - Existing Interior Shear Wall: One layer 1/2" O.S.B. on side of 2x6 wood studs @ 16" o.c. & one layer 5/8" GPDW each side of shear wall w/ 3" sound batts to ceiling. See Structural.

W5 - New Furring Wall: 1 1/2" x 22ga. Steel studs @ 16" O.C.

W6 - New 2 Hour Shaft Wall: 1 layers of 1/2" 2x4" proprietary Type X Gypsum Panels inserted between 2 1/2" floor and ceiling J runners with T sections of 2 1/2" Steel C-H or C-T studs between panels. Opposite Side: 2 layers 1/2" proprietary Type X Gypsum Wallboard applied at right angles to studs with 1" Type S drywall screws 24" o.c. @ Base layer and 1 5/8" Type S drywall screws 12" o.c. @ Face layer (Per GA WP 7051) - New Stucco Finish on exterior / Pump walls

Outside Wall-Roof:

1. Provide 1 1/2" x 1 1/2" x 48" S.S. corner guards at all outside corners, per Note 23.
2. Finish to be a medium to light stipple.
3. All walls floating type suspended from ceiling or floor Provide 1 1/2" void between plate to slab at bottom plates - See RCP.
4. Where infill or alignment of existing walls is required the substitution to 2X dimensional wood studs shall be accepted.

KEY NOTES

1. NEW FREESTANDING STAIRCASE SEE STRUCTURAL
2. STUDENT LOCKERS, BY OWNER
3. NEW 4" CONCRETE SLAB WALK
4. NEW MECHANICAL CHASE
5. REPLACE (E) GLASS WITH NEW 1" TEMPERED INSULATED GLASS AT STAIRCASE (LEAVE EXISTING, REMOVED WITH OWNER)
6. NEW EXTERIOR DOOR - CUT EXISTING BRICK AS NEEDED FOR DOOR PLACEMENT. SEE DEMO PLAN FOR SIZE SEE STRUCTURAL FOR DETAILS
7. NEW 2 HOUR WALL AND DOOR ASSEMBLY. SEE W2.3
8. NEW WALL CONSTRUCTION TO MATCH EXISTING
9. NEW STORE FRONT FRAME AND GLASS - STOREFRONT WALLS TO GO UP 9'-0". W2 WALLS FROM CEILING DOWN TO SLIP JOINT AT MATE LINE - AT 45° ANGLE PROVIDE BREAK METAL CLOSER.
10. PATCH AND REPAIR WALL FROM DEMO
11. FRP BOARD UP TO 48" PROVIDE TERMINATION CAP AND PAINT ABOVE WALLS-SEE PLAN.
12. NEW 2 1/2" FIRE WALL HYDRANT IN CSFD APPROVED EXTERIOR FIRE HOSE CABINET
13. (E) TOP OF FOUNDATION: GRIND OR FILL TO FLUSH CONDITION
14. WALK OFF CARPET-SEE PLAN FOR SIZE- (DELETED 5-5-10)
15. 3/4" M.D.F. SHELF (ADJUSTABLE) WITH 1x2 BULL NOSE @ 16" O.C.
16. REMOVE 9 WINDOWS AND LIGHT WELLS FROM ABOVE - INFILL TO MATCH B/T/ASH-1
17. SETTLED FLOOR SLAB - REMOVE AND REPLACE IN THIS AREA
18. SMART BOARD BY OWNER, PROVIDE BLOCKING AND POWER AS REQUIRED
19. STEEL COLUMNS: PAINT ONLY
20. MARKER BOARD BY OWNER, PROVIDE BLOCKING AS NEEDED
21. EXISTING 36" HIGH GAURD RAIL, EXTEND WALL TO 42" SEE DETAIL E&M.1
22. C.T. WAINSCOTE TO 48" ABOVE FINISH FLOOR
23. CORNERS TO FULL HEIGHT - 1 1/2" x 1 1/2" x 48" S.S. CORNER GUARDS
24. FIRE EXTINGUISHER CABINET WITH #10 ABC BY OWNER
25. WALL REPAIR AT DEMO OF DRYER VENT, WASHER BOX OR MILLWORK DEMO
26. ADD 2 1/2" STUD CHASE AS REQUIRED TO COVER PLUMBING FOR HEATING SYSTEM, PATCH AND REPAIR SLAB AS NEEDED
27. PATCH AND REPAIR CONCRETE
28. WATER LINE IN WALL AND UNDER SLAB - REMOVE LINE TO CLOSEST NEW WALL CORNER OR BACK TO EXISTING WALL TO REMAIN AND CAP (FIELD VERIFY), EE PLUMBING.
29. 48"H. WALL WOOD CAP STAIN AND VARNISH TO MATCH

MIDDLE SCHOOL - ALL VCT TILE UNDER CARPET TESTED/ASSUMED TO BE ACM FOR LEVEL 1 & 2 (YELLOW HIGHLIGHT)

BATHROOMS HAVE TESTED TO NOT HAVE ACM FOR LEVELS 1 & 2 (NO HIGHLIGHT)

OVERALL FIRST FLOOR PLAN

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

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SCALE:

AS NOTED

DRAWN BY:

RO/BWB

DATE:

4-20-10

REVISED:

5-5-10

6-10-10

STATE OF COLORADO

OFFICE W. BARR

3-4-2012

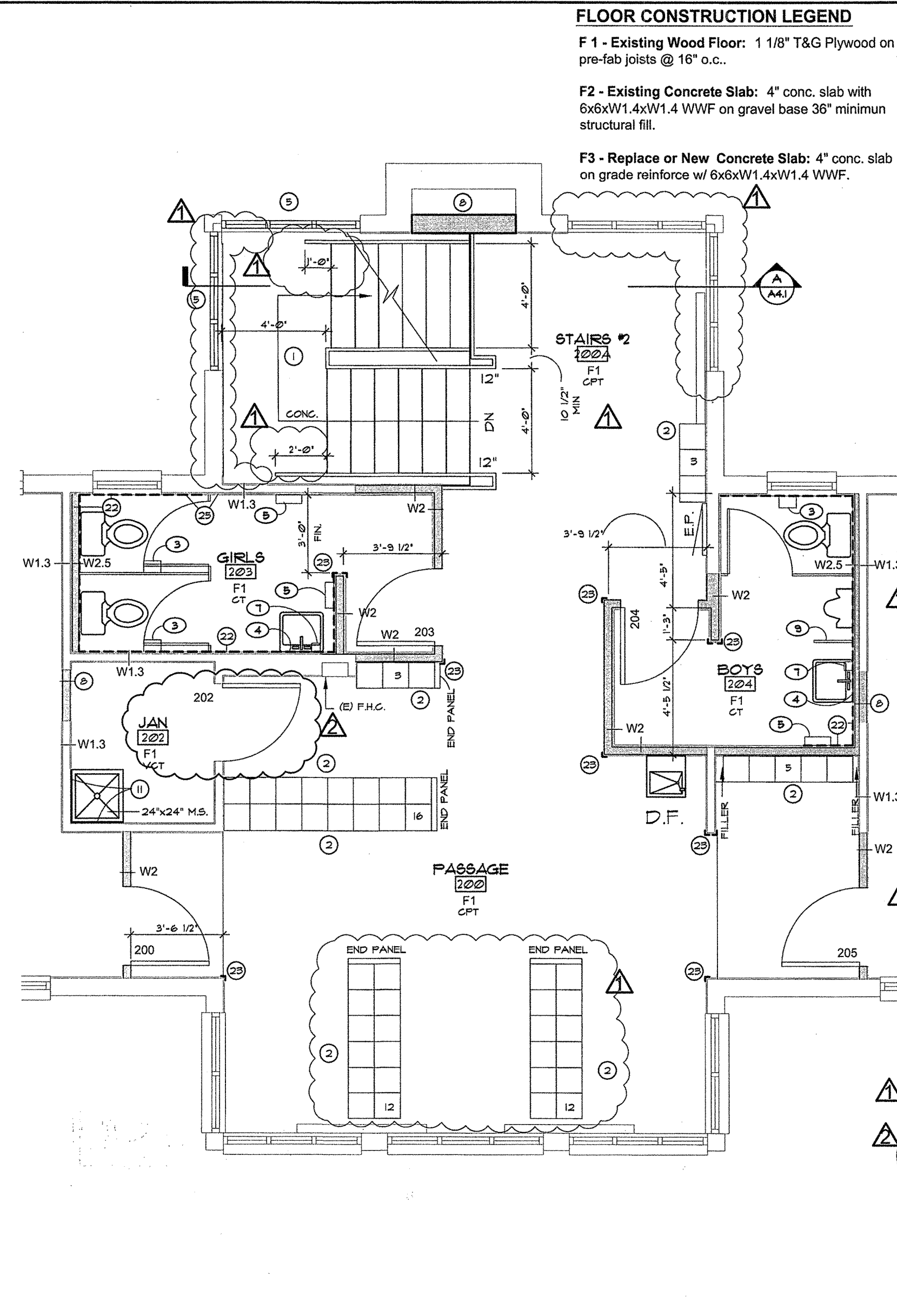
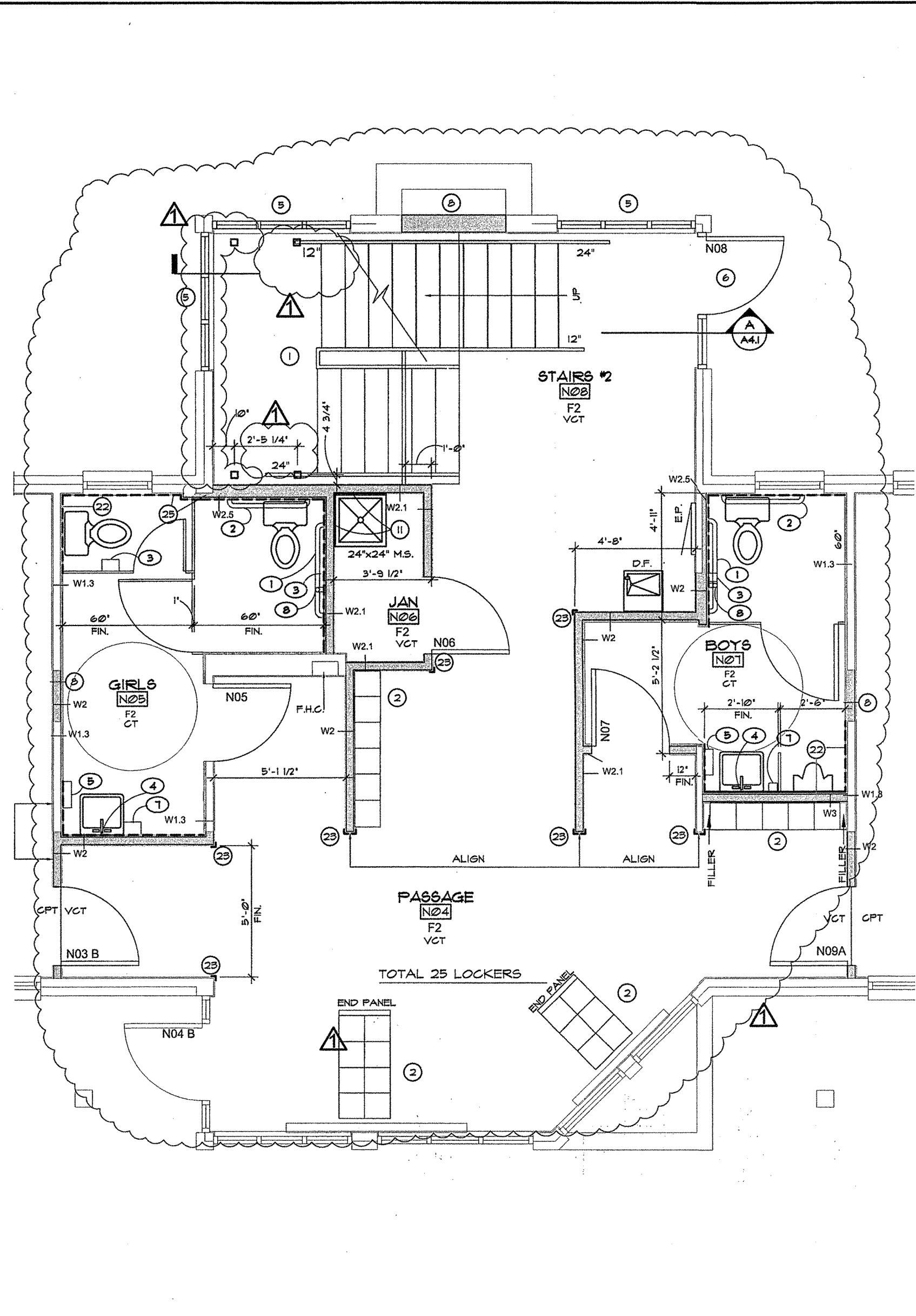
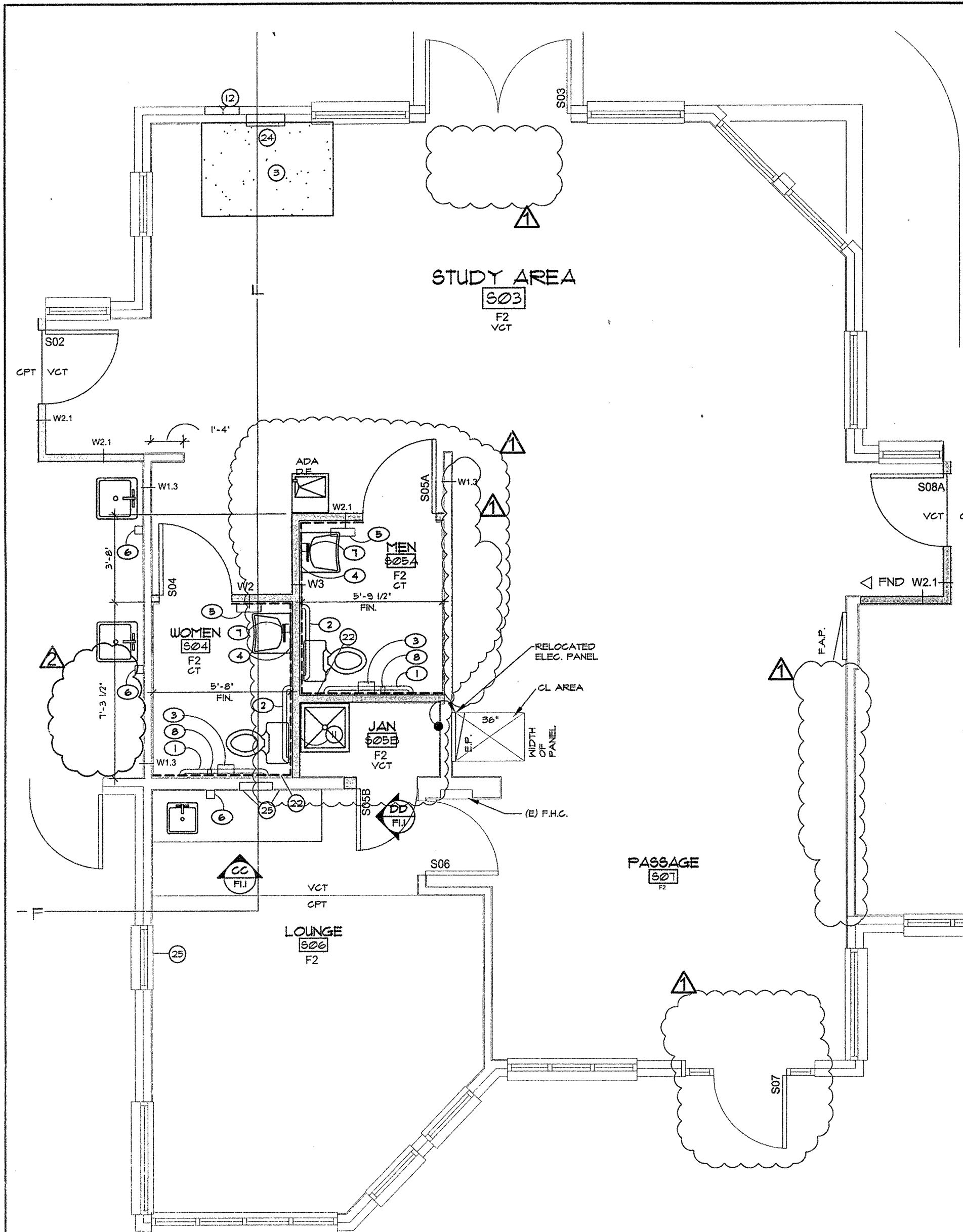
1600 ARCHITECT

DWG NO.:

SHEET

A1.1

OF

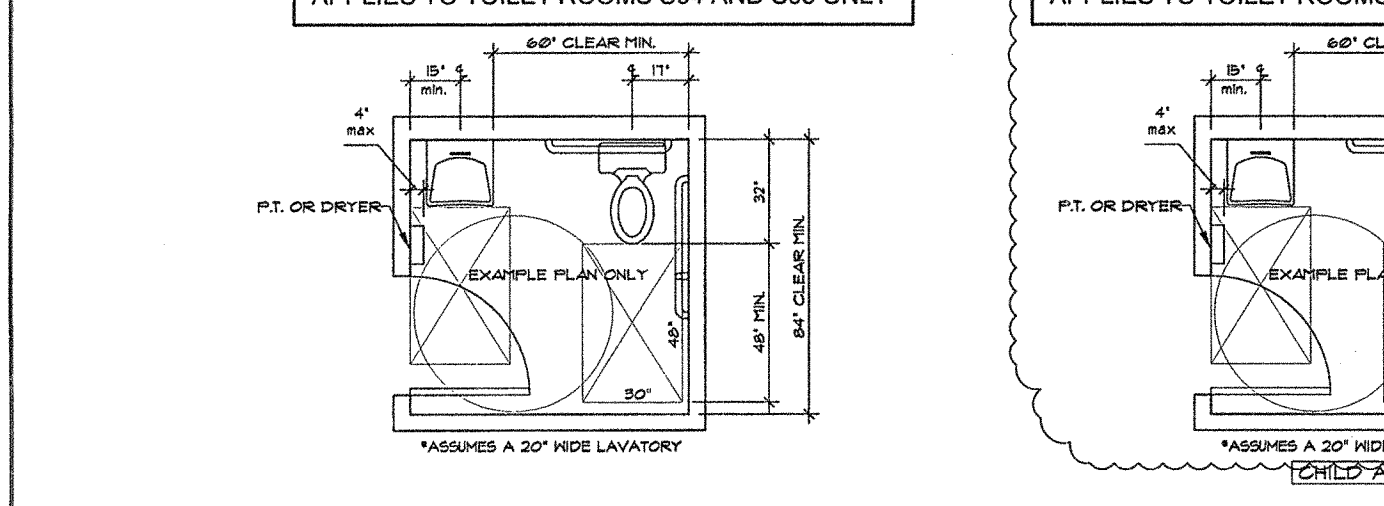
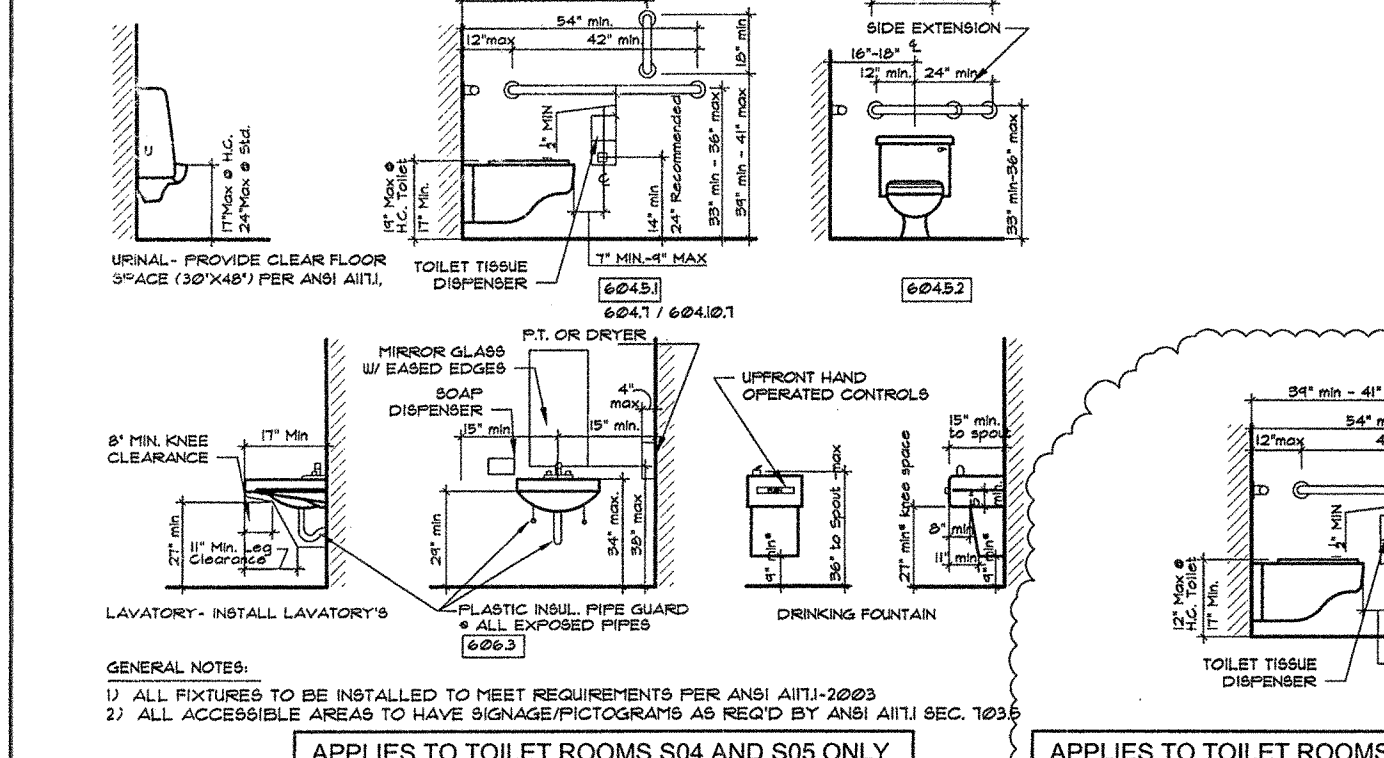


- FLOOR CONSTRUCTION LEGEND**
- F1 - Existing Wood Floor: 1 1/8" T&G Plywood on 14" pre-fab joists @ 16" o.c.
- F2 - Existing Concrete Slab: 4" conc. slab with 6x6xW1.4xW1.4 WWF on gravel base 36" minimum structural fill.
- F3 - Replace or New Concrete Slab: 4" conc. slab on grade reinforcement w/ 6x6xW1.4xW1.4 WWF.
- WALL CONSTRUCTION LEGEND**
- W1 - Existing Exterior Wall: Modular face brick on 1/2" Exterior Sheathing on 2x4 Wood Studs @ 16" O.C. with R-11 Blanket Insulation.
- W1A - NEW 1 Hr Exterior Wall: One Layer 5/8" Type X gypsum sheathing applied parallel to 2x4 wood studs @ 24" o.c. with 1 3/4" galvanized roofing nails @ 4" o.c. @ vertical joints and 7" o.c. @ intermediate studs and top and bottom plates. Joints of gypsum may be left untreated. Brick veneer to be applied with 1" air space between brick and exterior sheathing. No. 20ga galvanized wire ties attached to each stud with 8d coated nails, 2 3/8" long, 0.113 shank, 3/4" head at every 6th course of bricks.
- Interior Side: One layer 5/8" Type X gypsum wall board, water resistant gypsum backing board, or gypsum veneer base applied parallel or at right angles to studs with 8d coated nails, 1 3/4" long, 0.0915" shank, 3/4" heads @ 7" o.c. (GA WP105)
- W1.1 - Existing Exterior Wall: same as W1 above except w/ Wood Studs are @ 12" O.C.
- W1.2 - Existing Exterior Wall: Same as W1 except with 2x6 wood studs.
- W1.3 - Existing Interior Wall: 2x4 Wood Stud with 1/2" Gyp. on each side.
- W1.4 - Existing 1 Hr Interior Wall: same as W1.3 except w/ 5/8" type X GPDW.
- W1.5 - Existing Interior Shear Wall: One layer 1/2" O.S.B. on side of 2x6 wood studs @ 16" o.c. & one layer 5/8" GPDW each side of shear wall w/ 3" sound batts to ceiling. See Structural.
- W2 - New Interior Sound Wall: One layer 5/8" GPDW each side of 3 5/8" 25ga. Steel studs @ 16" o.c. with 3" sound batts to ceiling. Set floor plate in sealant, and offset any wall outlets 16" min. Provide M.R. GPDW where required.
- W2.1 - Existing Wall: Same W2 except delete sound batts.
- W2.2 - Existing 1 Hour Area Separation Wall: One Layer 5/8" Type X Gypsum wall board or Gypsum Veneer base applied to each side of 2x4 wood studs @ 16" O.C.
- W2.3 - New 2 Hour Fire Wall (Load Bearing): One Layer 5/8" Type X Gypsum wall board or Gypsum Veneer base applied Parallel or at right angles to each side of 2x4" Wood Studs 16" O.C. with 1 3/4" Type W drywall screws 12" O.C. Face Layer 5/8" Type X Gypsum Wall board or Veneer base applied parallel or at right angles to each side with 1 3/4" Type W drywall screws 12" O.C. and offset 6" from screws in base layer. Joints Staggered 16" each layer and side as per GA WP 4136
- W2.3 A - New 2 Hour Fire Wall (Non-load bearing): Two Layers Type X Gypsum Wall board each side of 2x4" wood studs. Base layers applied vertically and nailed with 8d cooler or wall board nails 9" o.c. Face Layer applied vertically or horizontally with 8d cooler or wall board nails @ 7" o.c. per: 2003 IBC - 720.1(2), 14-1.5
- W2.3 B - New Exterior Wall @ Removal of 9 Windows: install additional 2 layers 5/8" Type X sheathing each side of 2x4 frame with new R-13 Batt insulation to bottom roof structure install 1 1/2" CDX Plywood Sheathing External Weather Barrier Matching S.M.R. roof wall panels.
- W2.4 - New 1 Hour Interior Wall: One Layer 5/8" Type X Gypsum wall board or Gypsum Veneer base applied to each side of 3 5/8" 25ga. Steel studs @ 16" O.C.
- W2.5 - New Furred Wall: One Layer 5/8" Gyp. board on 1 1/2" Steel Studs @ 16" O.C. over pair of 3" Steel Columns.
- W2.6 - New Interior Sound Wall (FRP): One Layer 5/8" Type X Gypsum wall board or Veneer base applied to each side of 2x4" wood studs @ 16" o.c. with 1 3/4" Type S drywall screws 8" o.c. @ vertical joints and 12" o.c. @ floor and ceiling runners and intermediate studs. 3" sound batts to ceiling. Joints stagger 24" on opposite sides per: Ga WP 1350. Set floor plate in sealant, and offset any wall outlets 16" min.
- W3 - New Plumbing Wall: One layer 1/2" O.S.B. on side of 2x6 wood studs @ 16" o.c. & one layer 5/8" GPDW each side of shear wall w/ 3" sound batts to ceiling. See Structural.
- W4 - Existing Interior Shear Wall: One layer 1/2" O.S.B. on side of 2x6 wood studs @ 16" o.c. & one layer 5/8" GPDW each side of shear wall w/ 3" sound batts to ceiling. See Structural.
- W5 - New Furring Wall: 1 1/2" 25ga. Steel studs @ 16" O.C. with 1/2" B. 5/8" GPDW each side.
- W6 - New 2 Hour Shear Wall: 1 layer of 1/2" proprietary Type X Gypsum Panels inserted between 2 1/2" floor and ceiling runners with T sections of 1 1/2" Steel C-11 or C-11 studs between panels. Opposite Side: 2 layers 1/2" proprietary Type X Gypsum Wallboard applied at right angles to studs with 1" Type S drywall screws 24" o.c. @ Base layer and 1 5/8" Type S drywall screws 12" o.c. @ Face layer (Per GA WP 7051) - New Stucco Finish on Exterior/Parapet walls.
- General Wall Notes:**
- Provide 1 1/2" x 1 1/2" x 48" S.S. corner guards at all outside corners, per Note 23.
 - Finish to be a medium to light stipple.
 - All walls floating type suspended from ceiling or floor. Provide 1 1/2" void between plate to slab at bottom plates - See RCP.
 - Where infill or alignment of existing walls is required the substitution to 2X dimensional wood studs shall be accepted.

ENLARGED FIRST FLOOR CORE PLAN
SCALE: 1/4" = 1'-0"
SOUTH BUILDING

MARK	DESCRIPTION	FINISH	MOUNT	COMMENTS
1	42" L. x 1 5/8" GRAB BAR	S.S. PEENED	CONCEALED	BOBICK B-6856-93-42
2	36" L. x 1 5/8" GRAB BAR	S.S. PEENED	CONCEALED	BOBICK B-6856-93-36
3	1L1 PAPER DISPENSER - DOUBLE ROLL	STAINLESS STEEL	SEMI-RECESSED	
4	1/4" GLASS MIRROR (18" x 36")	SURFACE		
5	PAPER TOWEL DISPENSER (360)	STAINLESS STEEL	SURFACE	
6	PAPER TOWEL DISPENSER (360)	STAINLESS STEEL	SURFACE	
7	SOAP DISPENSER	STAINLESS STEEL	SURFACE	
8	18" L. x 1 5/8" GRAB BAR	S.S. PEENED	CONCEALED	BOBICK B-6856-93-18

NOTE: PROVIDE SOLID TX BLOCKING IN ALL WALLS FOR DOOR SIZES 36" MIN. TO 48" MAX. PROVIDE SOLID TX BLOCKING IN ALL WALLS FOR DOOR SIZES 36" MIN. TO 48" MAX. PROVIDE SOLID TX BLOCKING IN ALL WALLS FOR DOOR SIZES 36" MIN. TO 48" MAX.

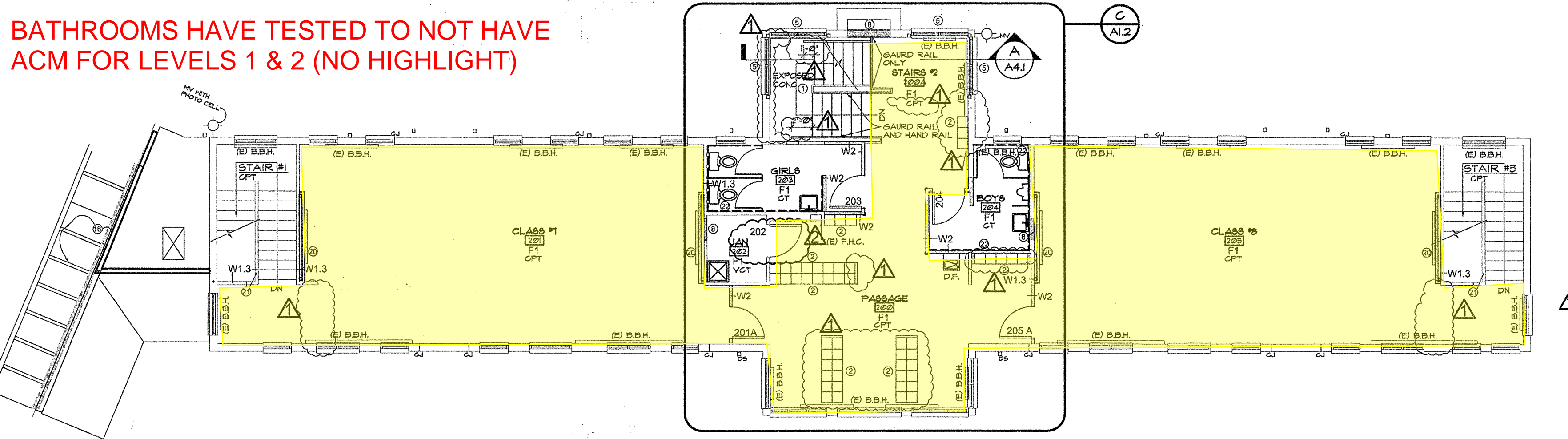


MIDDLE SCHOOL - ALL VCT TILE UNDER CARPET TESTED/ASSUMED TO BE ACM FOR LEVEL 1 & 2 (YELLOW HIGHLIGHT)

BATHROOMS HAVE TESTED TO NOT HAVE ACM FOR LEVELS 1 & 2 (NO HIGHLIGHT)

ENLARGED FIRST FLOOR CORE PLAN
SCALE: 1/4" = 1'-0"
NORTH BUILDING

ENLARGED SECOND FLOOR CORE PLAN
SCALE: 1/4" = 1'-0"
NORTH BUILDING



SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

- KEY NOTES**
- NEW FREESTANDING STAIRCASE SEE STRUCTURAL
 - STUDENT LOCKERS, BY OWNER
 - NEW 4" CONCRETE SLAB WALK
 - NEW MECHANICAL CHASE
 - REPLACE (E) GLASS WITH NEW 1" TEMPERED INSULATED GLASS AT STAIRCASE (LEAVE EXISTING, REMOVED WITH OWNER)
 - NEW EXTERIOR DOOR - CUT EXISTING BRICK AS NEEDED FOR DOOR PLACEMENT, SEE DEMO PLAN FOR SIZE SEE STRUCTURAL FOR DETAILS
 - NEW 2 HOUR WALL AND DOOR ASSEMBLY, SEE W2.3
 - NEW WALL CONSTRUCTION TO MATCH EXISTING
 - NEW STORE FRONT FRAME AND GLASS - STOREFRONT WALLS TO GO UP 9'-0". W2 WALLS FROM CEILING DOWN TO SLIP JOINT AT MATE LINE - AT 45° ANGLE PROVIDE BREAK METAL CLOSER.
 - PATCH AND REPAIR WALL FROM DEMO
 - FRP BOARD UP TO 48" PROVIDE TERMINATION CAP AND PAINT ABOVE WALLS-SEE PLAN
 - NEW 2 1/2" FIRE WALL HYDRANT IN CSFD APPROVED EXTERIOR FIRE HOSE CABINET
 - (E) TOP OF FOUNDATION: GRIND OR FILL TO FLUSH CONDITION
 - WALK OFF CARPET-SEE PLAN FOR SIZE- DELETED 5-6-10
 - 3/4" M.D.F. SHELF (ADJUSTABLE) WITH 1x2 BULL NOSE @ 16" O.C.
 - REMOVE 9 WINDOWS AND LIGHT WELLS FROM ABOVE - INFILL TO MATCH W2.3 A
 - SETTLED FLOOR SLAB - REMOVE AND REPLACE IN THIS AREA
 - SMART BOARD BY OWNER, PROVIDE BLOCKING AND POWER AS REQUIRED
 - STEEL COLUMNS: 1HR PROTECTION REQUIRED PER GA CM 1450 SEE A4.1 FOR COLUMN DETAIL AND 1 HOUR ASSEMBLY
 - MARKER BOARD BY OWNER, PROVIDE BLOCKING AS NEEDED
 - EXISTING 36" HIGH GAURD RAIL, EXTEND WALL TO 42" SEE DETAIL EIM.1
 - C.T. WAINSCOTE TO 48" ABOVE FINISH FLOOR
 - CORNERS TO FULL HEIGHT - 1 1/2" x 1 1/2" x 48" S.S. CORNER GUARDS
 - FIRE EXTINGUISHER CABINET WITH #10 ABC BY OWNER
 - WALL REPAIR AT DEMO OF DRYER VENT, WASHER BOX OR MILLWORK DEMO
 - ADD 2 1/2" STUD CHASE AS REQUIRED TO COVER PLUMBING FOR HEATING SYSTEM, PATCH AND REPAIR SLAB AS NEEDED
 - PATCH AND REPAIR CONCRETE
 - WATER LINE IN WALL AND UNDER SLAB - REMOVE LINE TO CLOSEST NEW WALL CORNER OR BACK TO EXISTING WALL TO REMAIN AND CAP (FIELD VERIFY), EE PLUMBING.
 - 48" H. WALL WOOD CAP STAIN AND VARNISH TO MATCH

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SCALE: AS NOTED
DRAWN BY: RO/BWB
DATE: 4-20-10
REVISED: 5-5-10
6-10-10

JOB NO.: 10-0105
DWG NO.:
SHEET **A1.2** OF