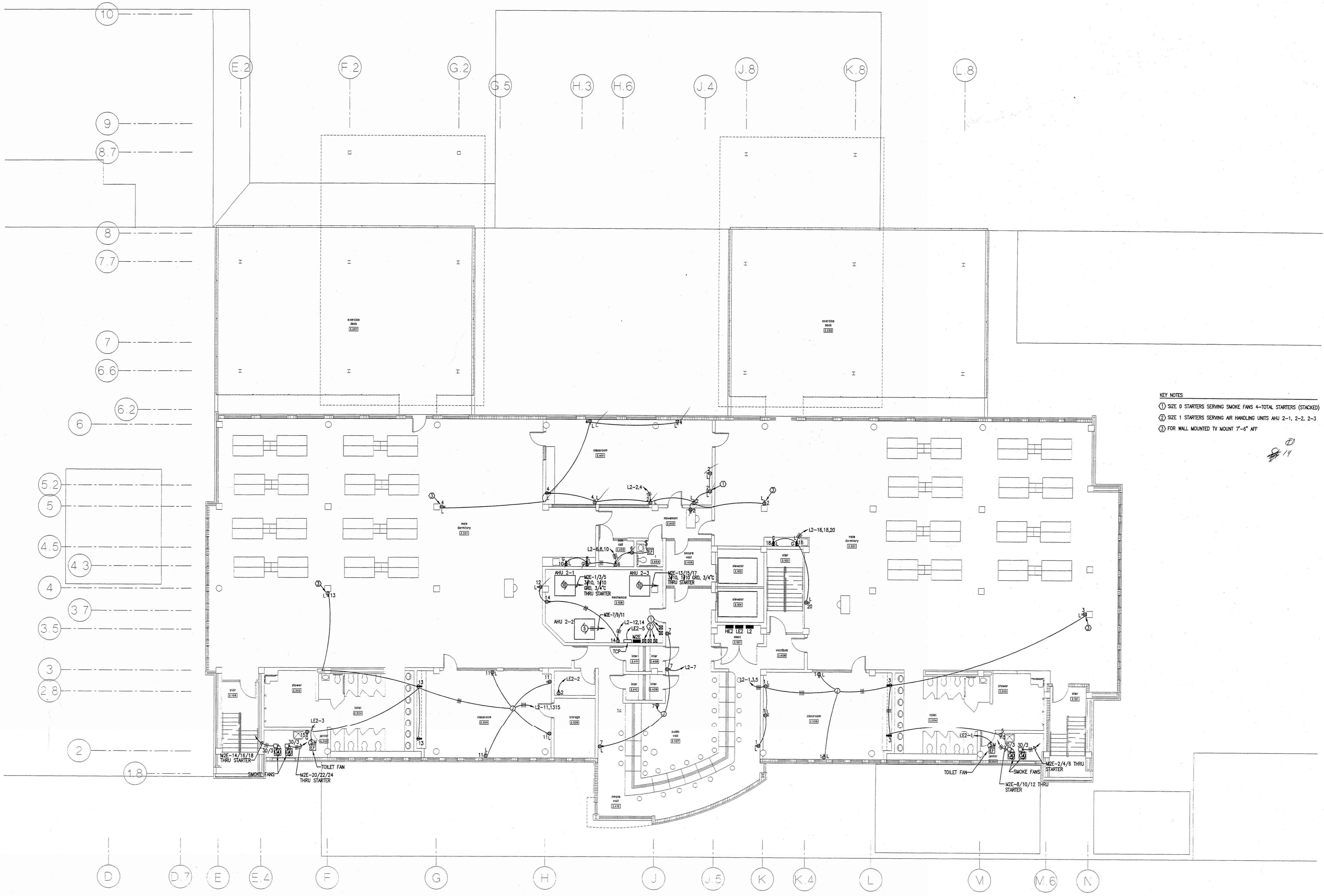
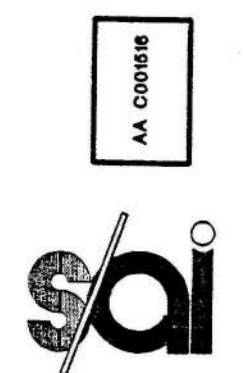


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- KEY NOTES
- ① SIZE 0 STARTERS SERVING SMOKE FANS 4-TOTAL STARTERS (STACKED)
 - ② SIZE 1 STARTERS SERVING AIR HANDLING UNITS AHU 2-1, 2-2, 2-3
 - ③ FOR WALL MOUNTED TV MOUNT 7'-6" AFF

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



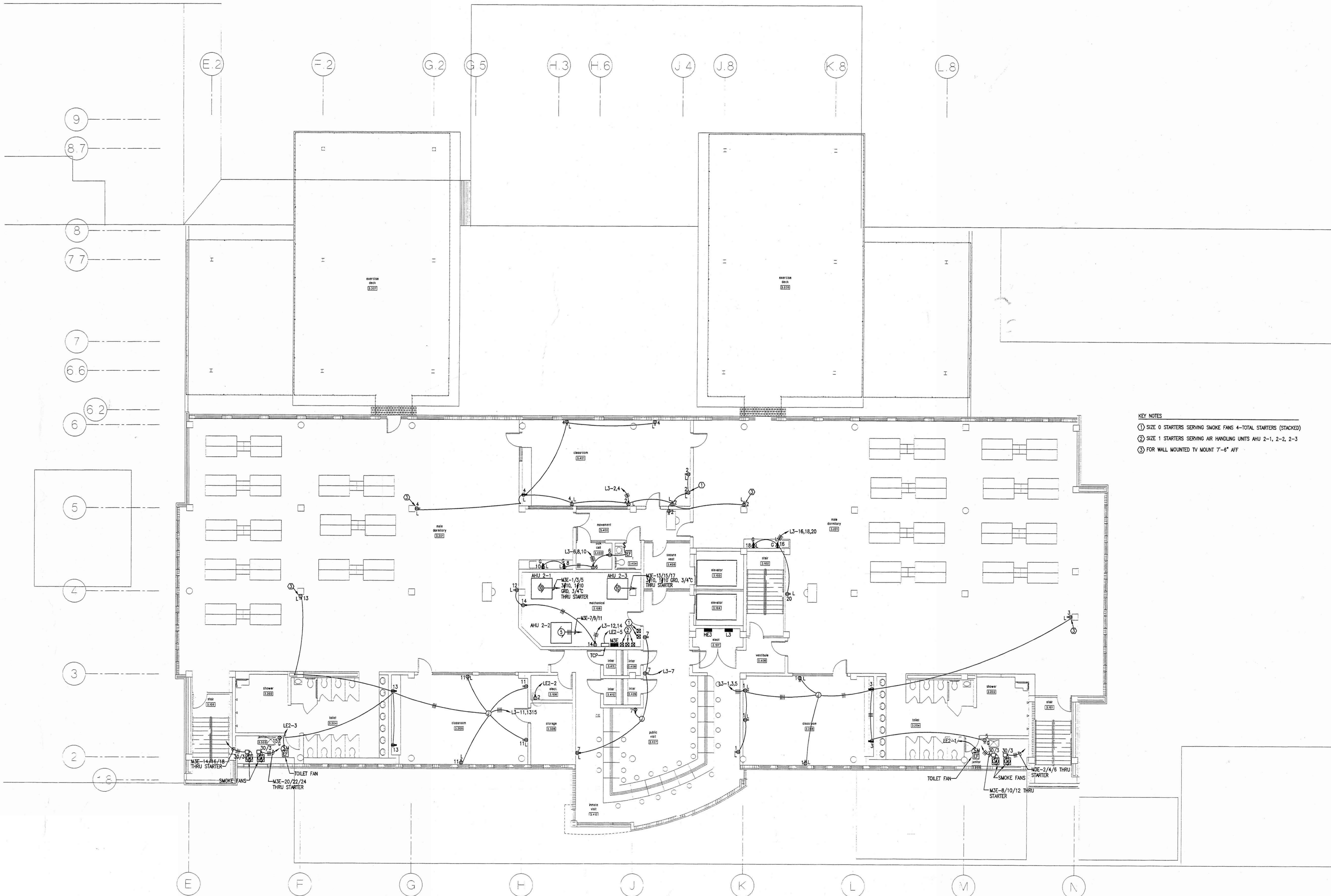
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revisions:
ADDENDUM REVISIONS
12/7/98
scale: AS SHOWN
drawn: MLYNARCZYK
check: KLOCKE
date: 8/11/98
project no. 9705

sheet title:
second floor power plan

project:
central booking and detention facility
escambia county, florida

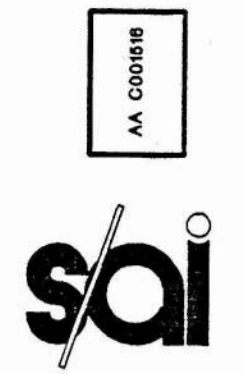
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- KEY NOTES
- ① SIZE 0 STARTERS SERVING SMOKE FANS 4-TOTAL STARTERS (STACKED)
 - ② SIZE 1 STARTERS SERVING AIR HANDLING UNITS AHU 2-1, 2-2, 2-3
 - ③ FOR WALL MOUNTED TV MOUNT 7'-6" AFF

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

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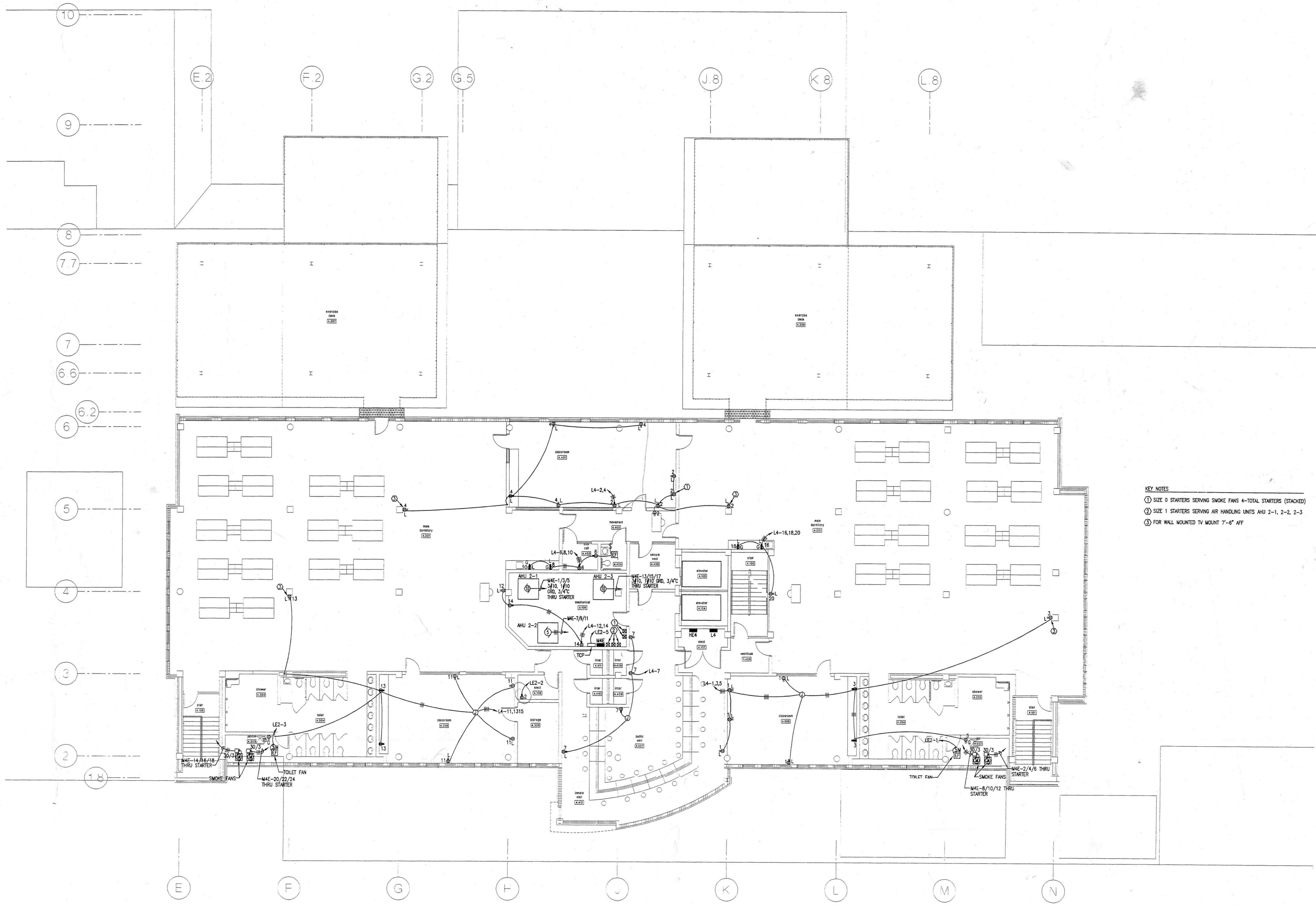
project: central booking and detention facility
escambia county, florida

sheet title: third floor power plan

revisions:
ADDENDUM REVISIONS
12/7/98

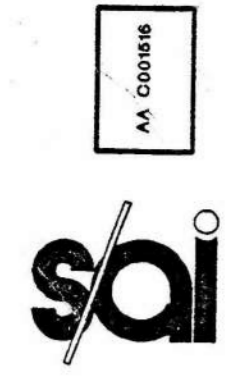
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project no. 9705

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KEY NOTES
① SIZE 0 STARTERS SERVING SMOKE FANS 4-TOTAL STARTERS (STACKED)
② SIZE 1 STARTERS SERVING AIR HANDLING UNITS AHU 2-1, 2-2, 2-3
③ FOR WALL MOUNTED TV MOUNT 7'-6" AFF

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

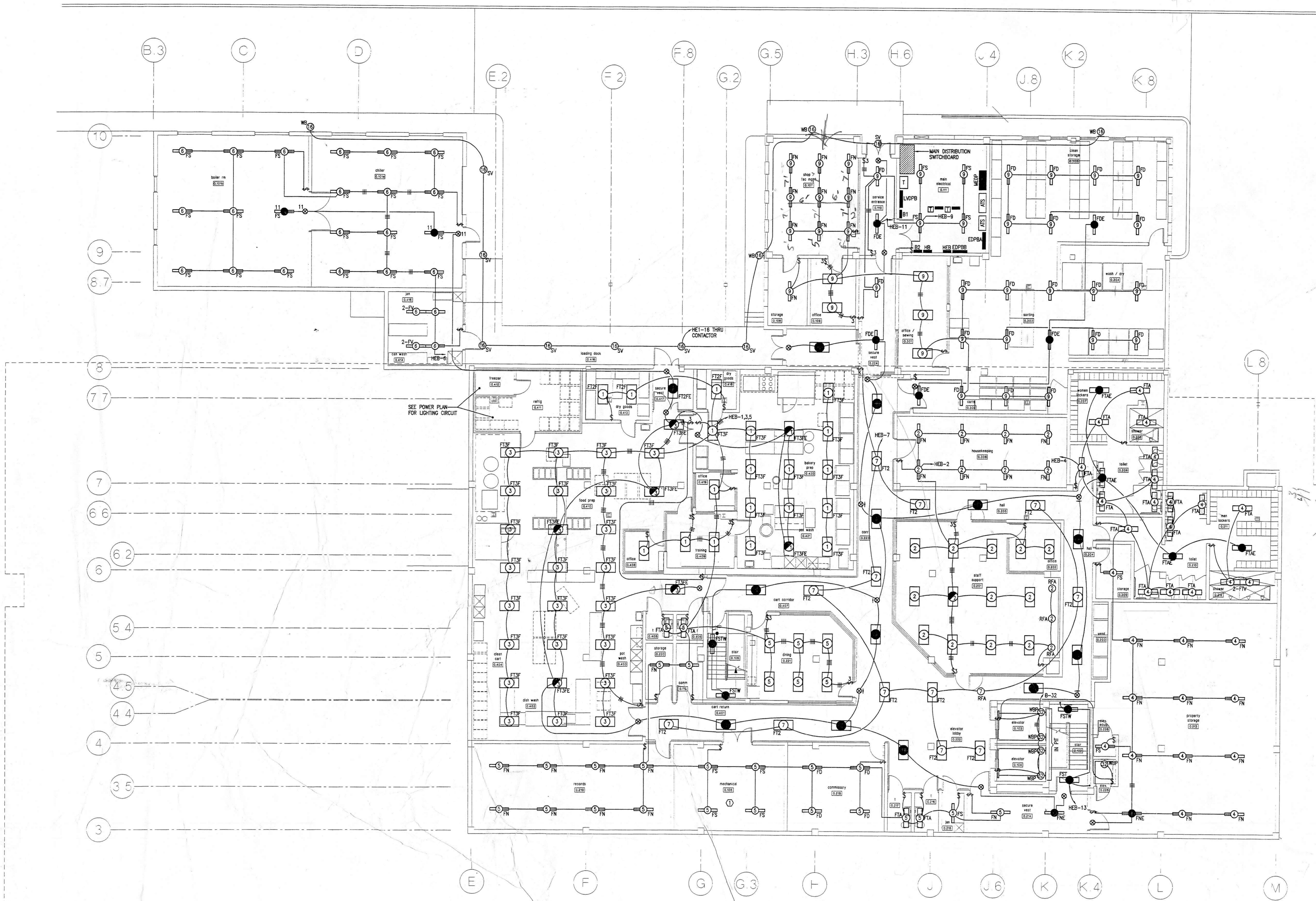


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AS CONSOLE



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SEE POWER PLAN FOR LIGHTING CIRCUIT

Handwritten notes: 31/ 83/ 115/ 100/ 155/ # 131/ 76/ 216"

LIGHTING PLAN BASEMENT

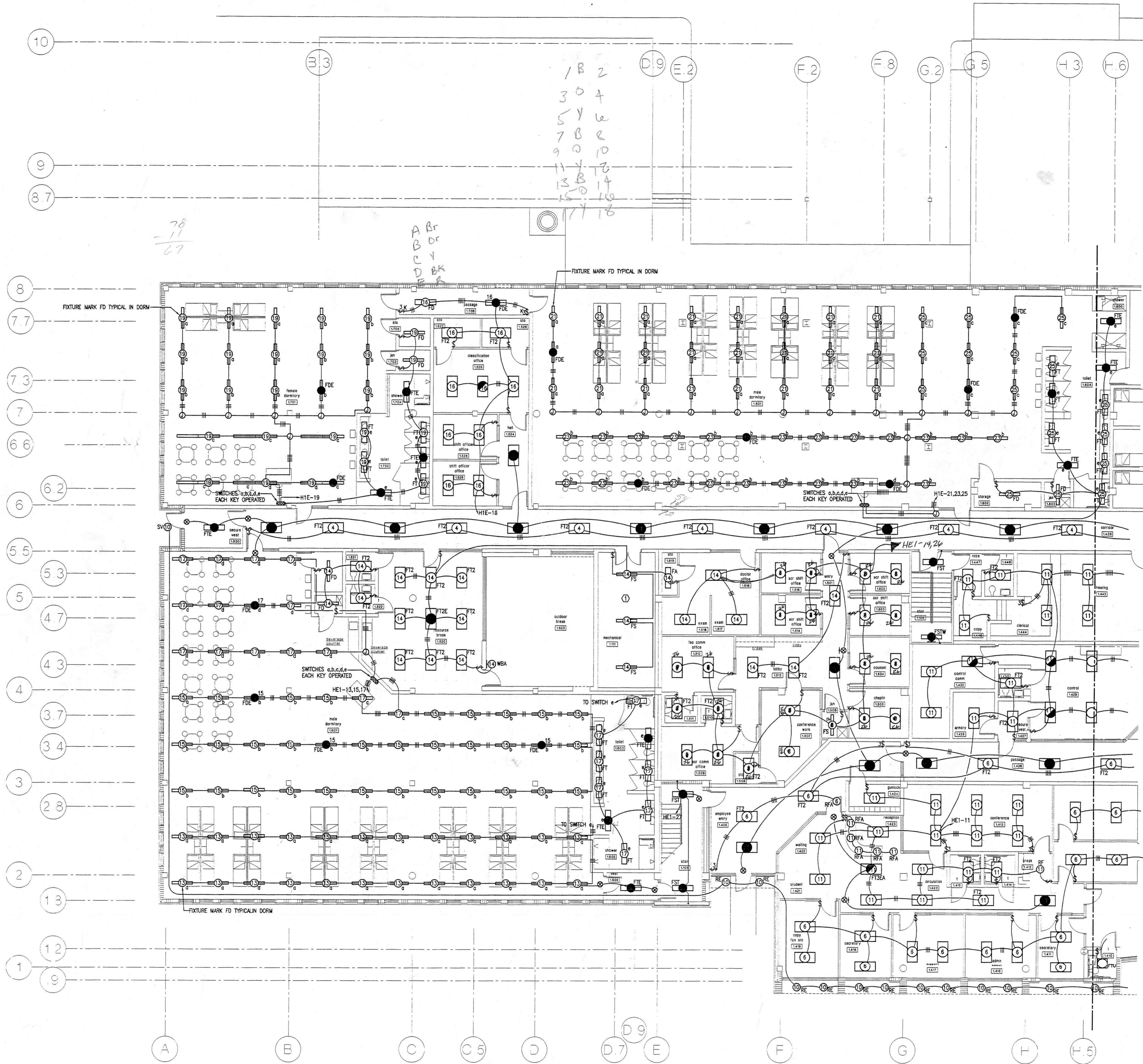
SCALE: 1/8" = 1'-0"

- NOTES
- ALL NOMINAL 2'X4' FLUORESCENT LIGHTING FIXTURES SHALL BE MARK FTZ UNLESS NOTED OTHERWISE
 - ALL [Symbol] FIXTURES SHALL BE MARK FTZFE UNLESS NOTED OTHERWISE
 - ALL [Symbol] FIXTURES SHALL BE MARK FTA UNLESS NOTED OTHERWISE
 - ALL [Symbol] FIXTURES SHALL BE MARK FTAE UNLESS NOTED OTHERWISE

KEY NOTES
① FIXTURE LOCATION IN MECH. ROOMS SHALL BE DETERMINED IN FIELD TO SUIT EQUIPMENT

Handwritten notes: 24 hrs; 18 hrs

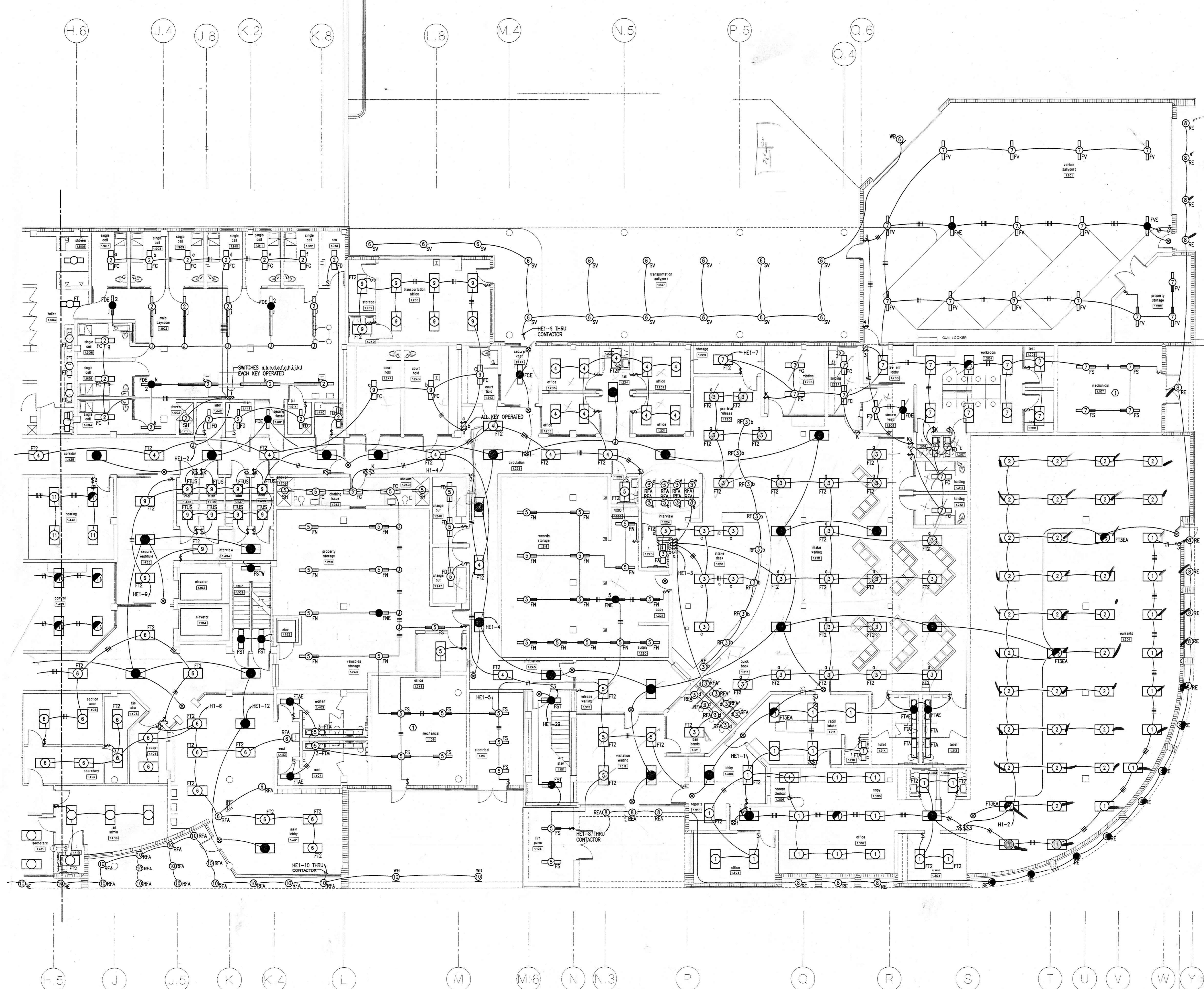
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PARTIAL LIGHTING PLAN 1ST FLOOR (WEST)

- SCALE: 1/8" = 1'-0"
- NOTES**
- ALL NOMINAL 2'x4' FLUORESCENT LIGHTING FIXTURES SHALL BE MARK FT3 UNLESS NOTED OTHERWISE
 - ALL FIXTURES SHALL BE MARK FT2E UNLESS NOTED OTHERWISE
 - ALL FIXTURES SHALL BE MARK FT3E UNLESS NOTED OTHERWISE
- KEY NOTES**
- ① FIXTURE LOCATIONS IN MECHANICAL ROOMS IS APPROXIMATE FIELD LOCATE TO SUIT EQUIPMENT

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PARTIAL LIGHTING PLAN 1ST FLOOR (EAST)
SCALE: 1/8" = 1'-0"

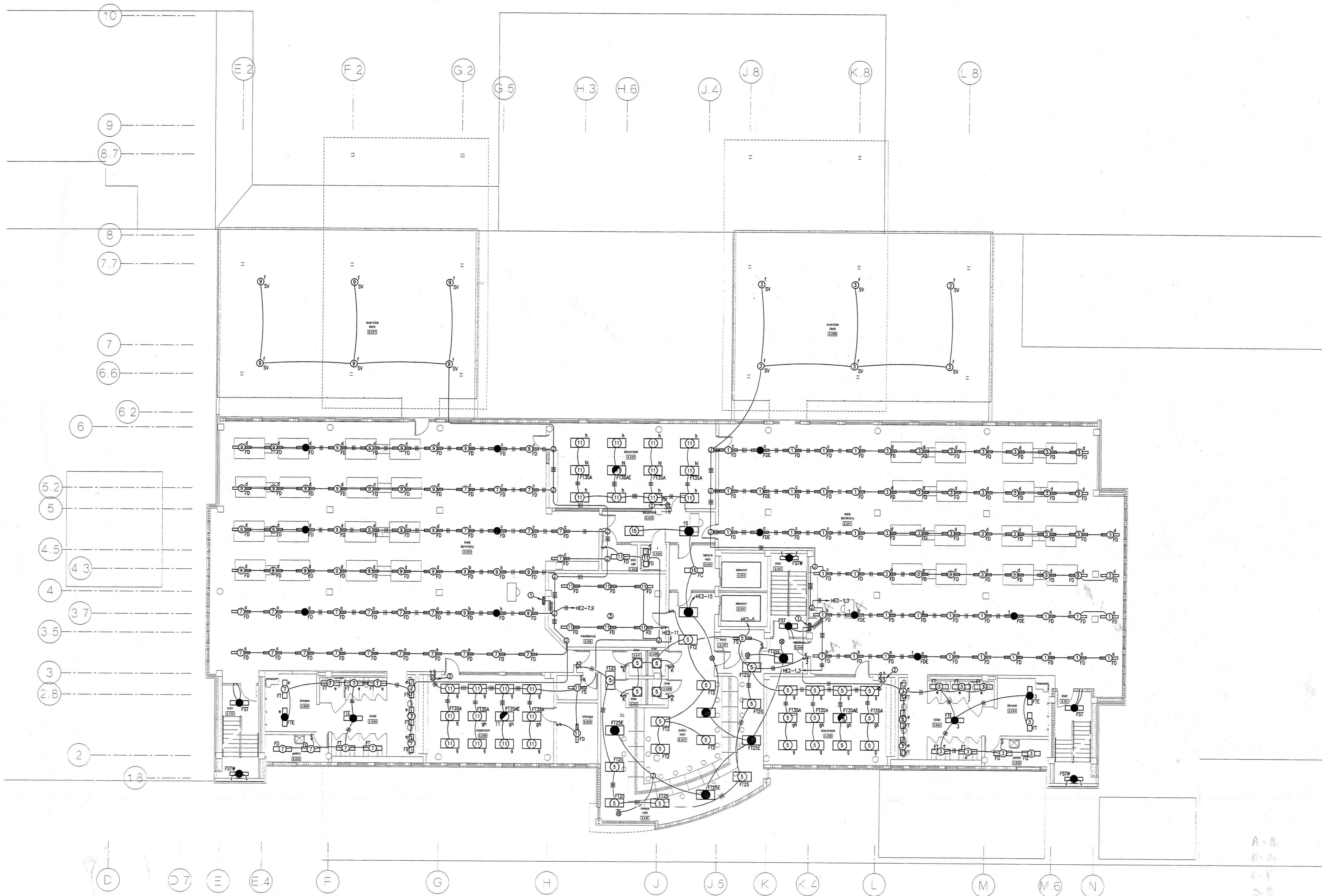
- NOTES
- ALL NOMINAL 2'x4' FLUORESCENT LIGHTING FIXTURES SHALL BE MARK FT3 UNLESS NOTED OTHERWISE
 - ALL [Symbol] FIXTURES SHALL BE MARK FT2 UNLESS NOTED OTHERWISE
 - ALL [Symbol] FIXTURES SHALL BE MARK FT3 UNLESS NOTED OTHERWISE
 - ALL NOMINAL 2'x2' FLUORESCENT FIXTURES SHALL BE MARK FTU UNLESS NOTED OTHERWISE
- KEY NOTES
- [Symbol] FIXTURE LOCATIONS IN MECHANICAL ROOMS ARE APPROXIMATE FIELD LOCATE TO SUIT EQUIPMENT

A
B
C
D
E
Brown
orange
yellow
blue
R

28

45

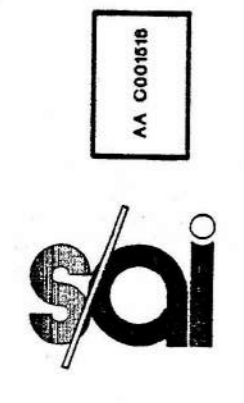
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LIGHTING PLAN 2ND FLOOR
SCALE: 1/8" = 1'-0"

- NOTES:**
- ALL NOMINAL 2'x4' FLUORESCENT LIGHTING FIXTURES SHALL BE MARK FT1S UNLESS NOTED OTHERWISE
 - ALL NOMINAL 2'x2' FLUORESCENT LIGHTING FIXTURES SHALL BE MARK FT1S UNLESS NOTED OTHERWISE
 - ALL FIXTURES SHALL BE MARK FT2E UNLESS NOTED OTHERWISE
 - ALL FIXTURES SHALL BE MARK FT2E UNLESS NOTED OTHERWISE

- KEYNOTES:**
- ① SWITCHES a,b,c,d,e,f EACH KEY OPERATED
 - ② KEY OPERATED SWITCHES
 - ③ FIXTURE SPACING IS APPROXIMATE, LAYOUT IN FIELD TO SUIT DUCTWORK AND EQUIPMENT



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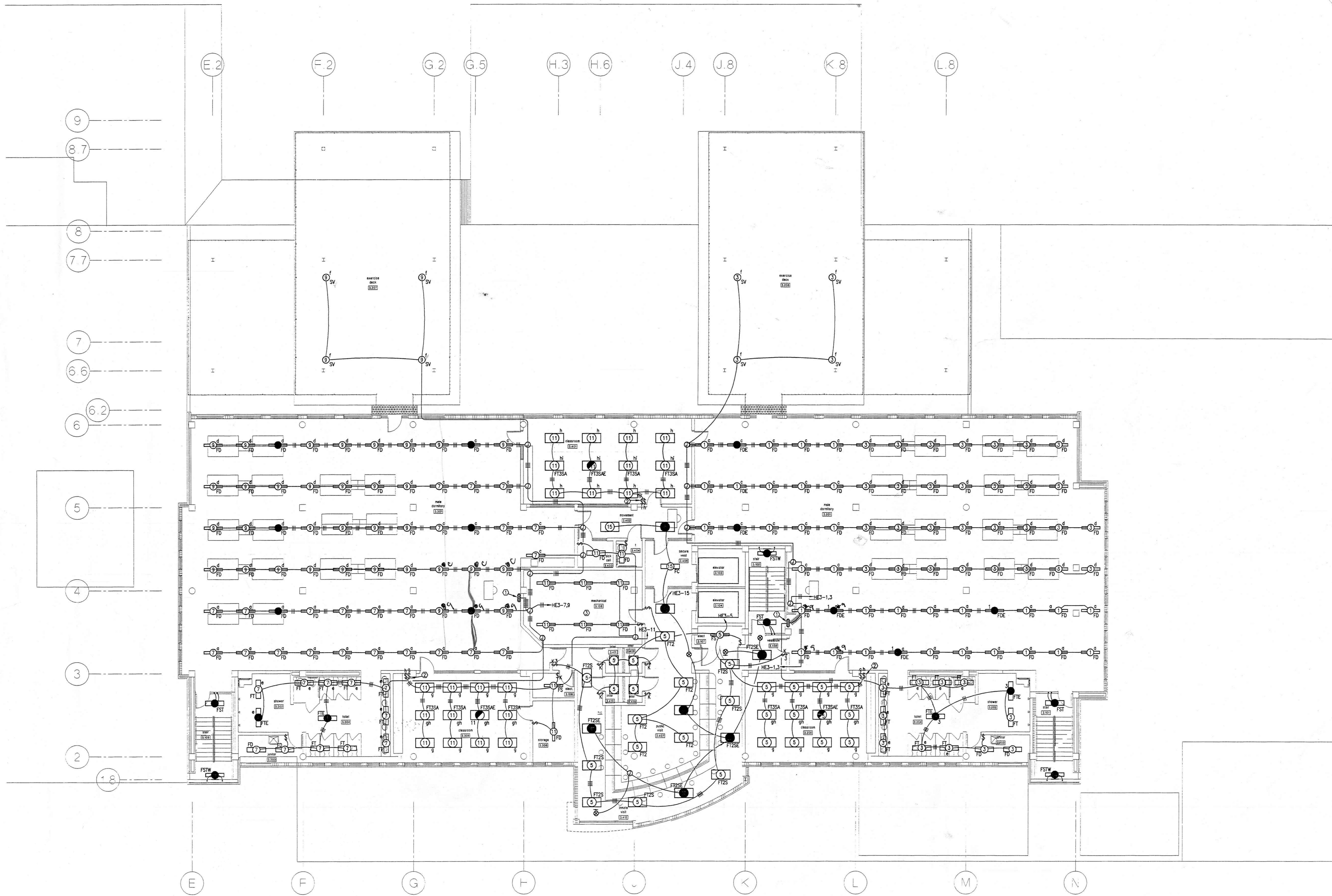
project: central booking and detention facility
escambia county, florida

sheet title: lighting plan 2nd floor

revisions:
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12/7/98

scale: AS SHOWN
drawn: MLYNARCZYK
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date: 8/11/98
project no. 9705

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A- BRANGE
C YELLOW
D W/IL
E BK
F OR

LIGHTING PLAN 3RD FLOOR

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

- NOTES
- ALL NOMINAL 2'x4' FLUORESCENT LIGHTING FIXTURES SHALL BE MARK FT3S UNLESS NOTED OTHERWISE
 - ALL NOMINAL 2'x2' FLUORESCENT LIGHTING FIXTURES SHALL BE MARK FT2S UNLESS NOTED OTHERWISE
 - ALL [Symbol] FIXTURES SHALL BE MARK FT2E UNLESS NOTED OTHERWISE
 - ALL [Symbol] FIXTURES SHALL BE MARK FT3E UNLESS NOTED OTHERWISE

- KEYNOTES:
- ① SWITCHES a,b,c,d,e,f EACH KEY OPERATED
 - ② KEY OPERATED SWITCHES
 - ③ FIXTURE SPACING IS APPROXIMATE, LAYOUT IN FIELD TO SUIT DUCTWORK AND EQUIPMENT

revisions:
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date: 8/11/98
project no. 9705

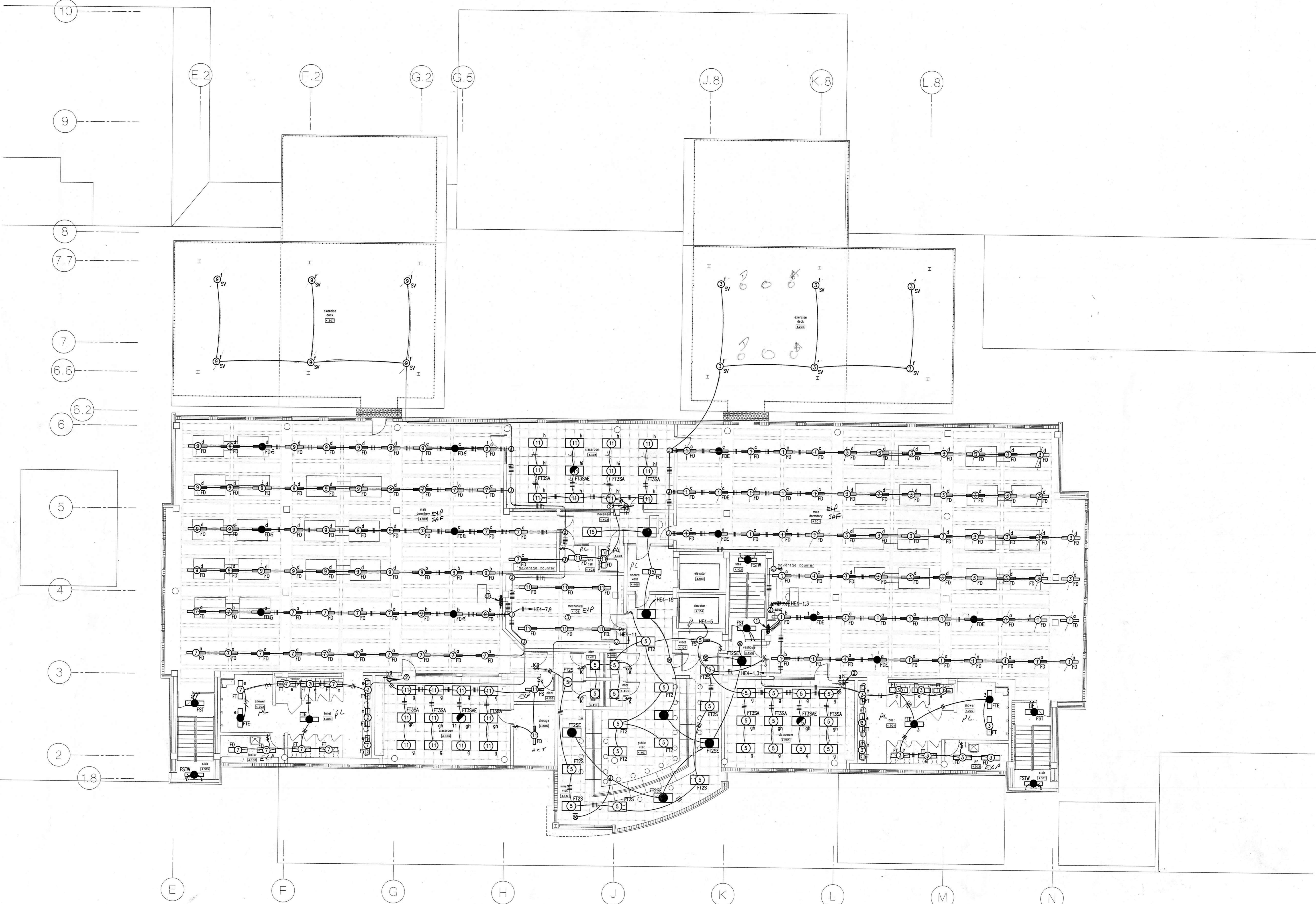
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project:
central booking and detention facility
escambia county, florida



sheet title:
lighting plan 3rd floor

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LIGHTING PLAN 4TH FLOOR
SCALE: 1/8" = 1'-0"

- NOTES:**
- ALL NOMINAL 2'x4' FLUORESCENT LIGHTING FIXTURES SHALL BE MARK FT3S UNLESS NOTED OTHERWISE
 - ALL NOMINAL 2'x2' FLUORESCENT LIGHTING FIXTURES SHALL BE MARK FT2S UNLESS NOTED OTHERWISE
 - ALL  FIXTURES SHALL BE MARK FT2E UNLESS NOTED OTHERWISE
 - ALL  FIXTURES SHALL BE MARK FT3E UNLESS NOTED OTHERWISE

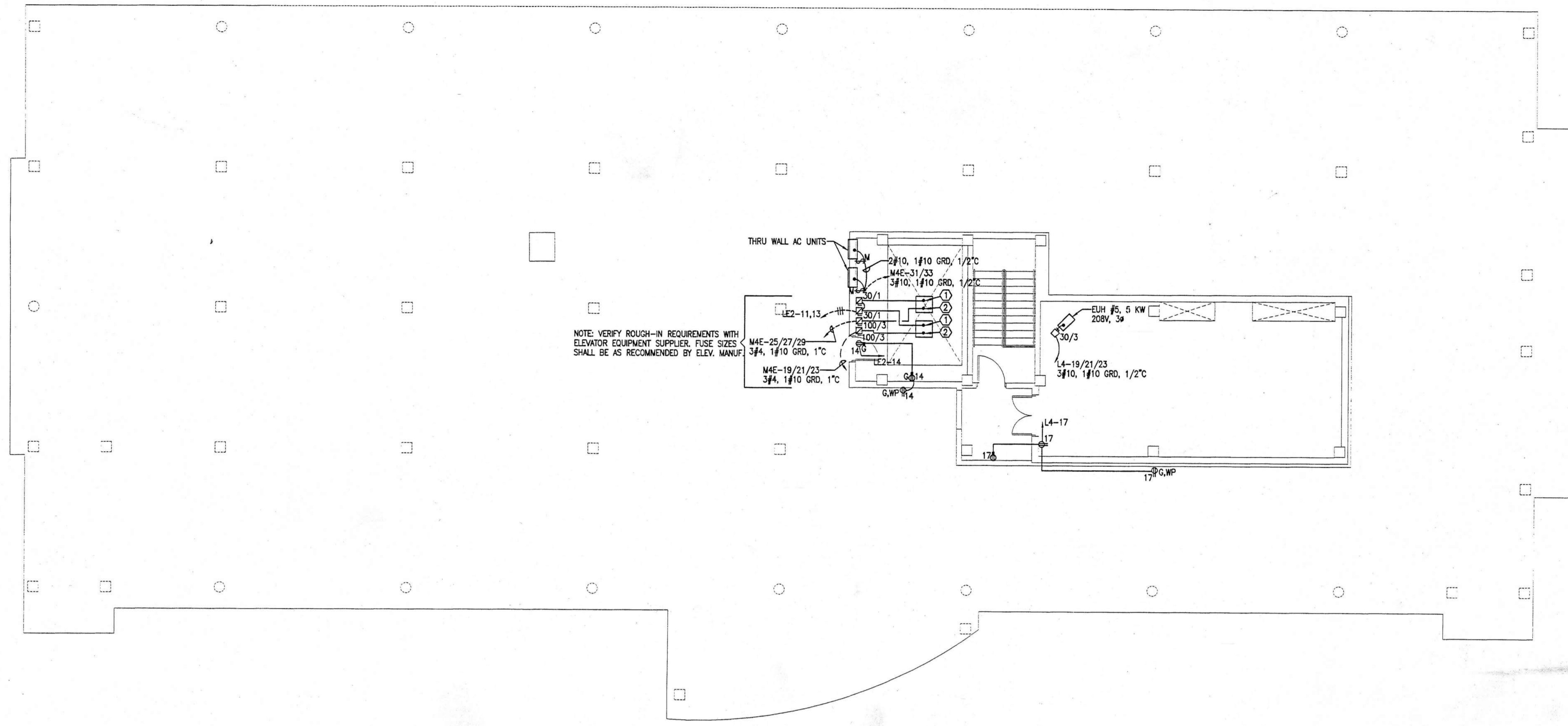
- KEYNOTES:**
- ① SWITCHES a,b,c,d,e,f EACH KEY OPERATED
 - ② KEY OPERATED SWITCHES
 - ③ FIXTURE SPACING IS APPROXIMATE, LAYOUT IN FIELD TO SUIT DUCTWORK AND EQUIPMENT

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 sheet title: **LIGHTING PLAN 4TH FLOOR**
 project: central booking and detention facility escambia county, florida
 project no. 9705



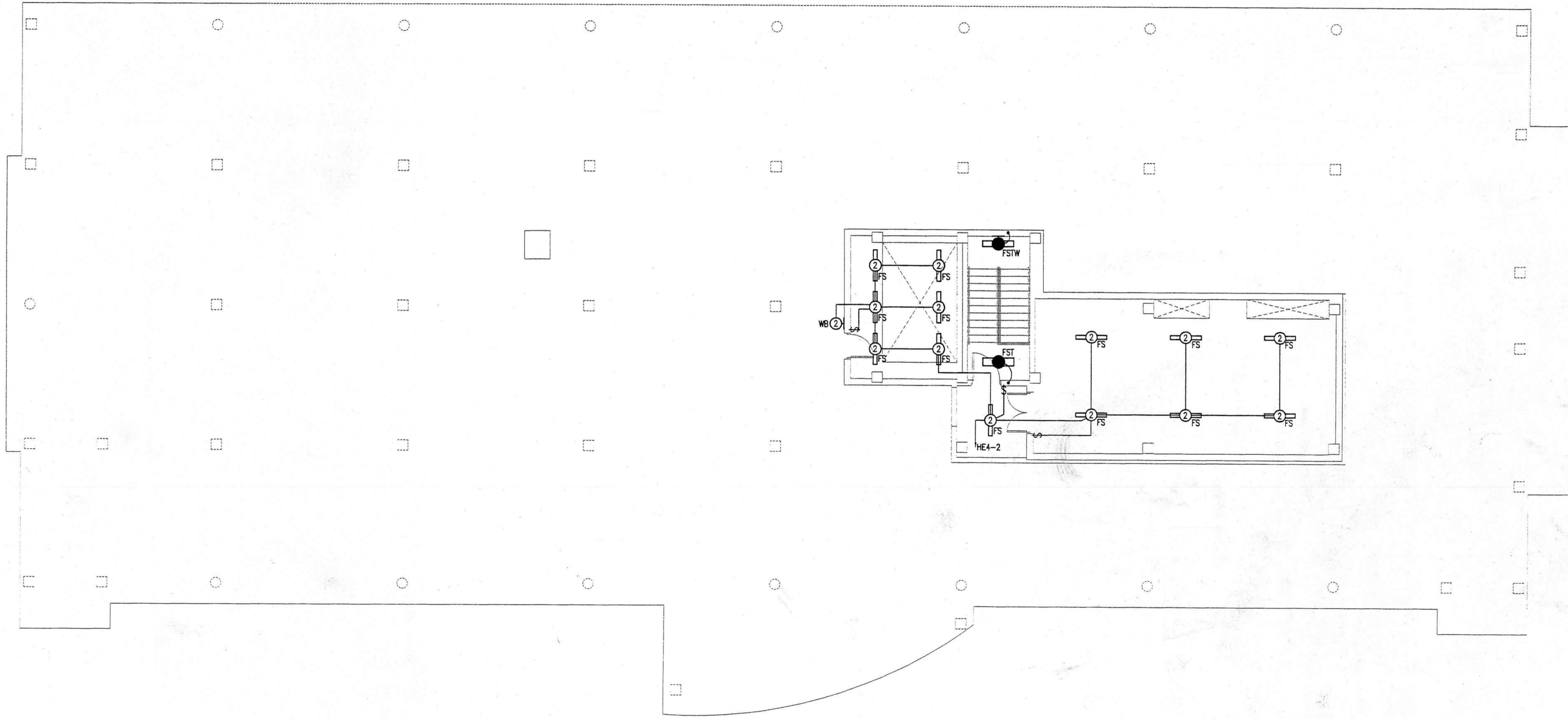
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ELECTRICAL PENTHOUSE AND TOWER ROOF PLAN (POWER)
SCALE: 1/8" = 1'-0"

- KEY NOTES
- ① CONNECT ELEVATOR LIGHTS AND CONTROLS
 - ② CONNECT TO ELEVATOR MACHINE



ELECTRICAL PENTHOUSE AND TOWER ROOF PLAN (LIGHTING)
SCALE: 1/8" = 1'-0"



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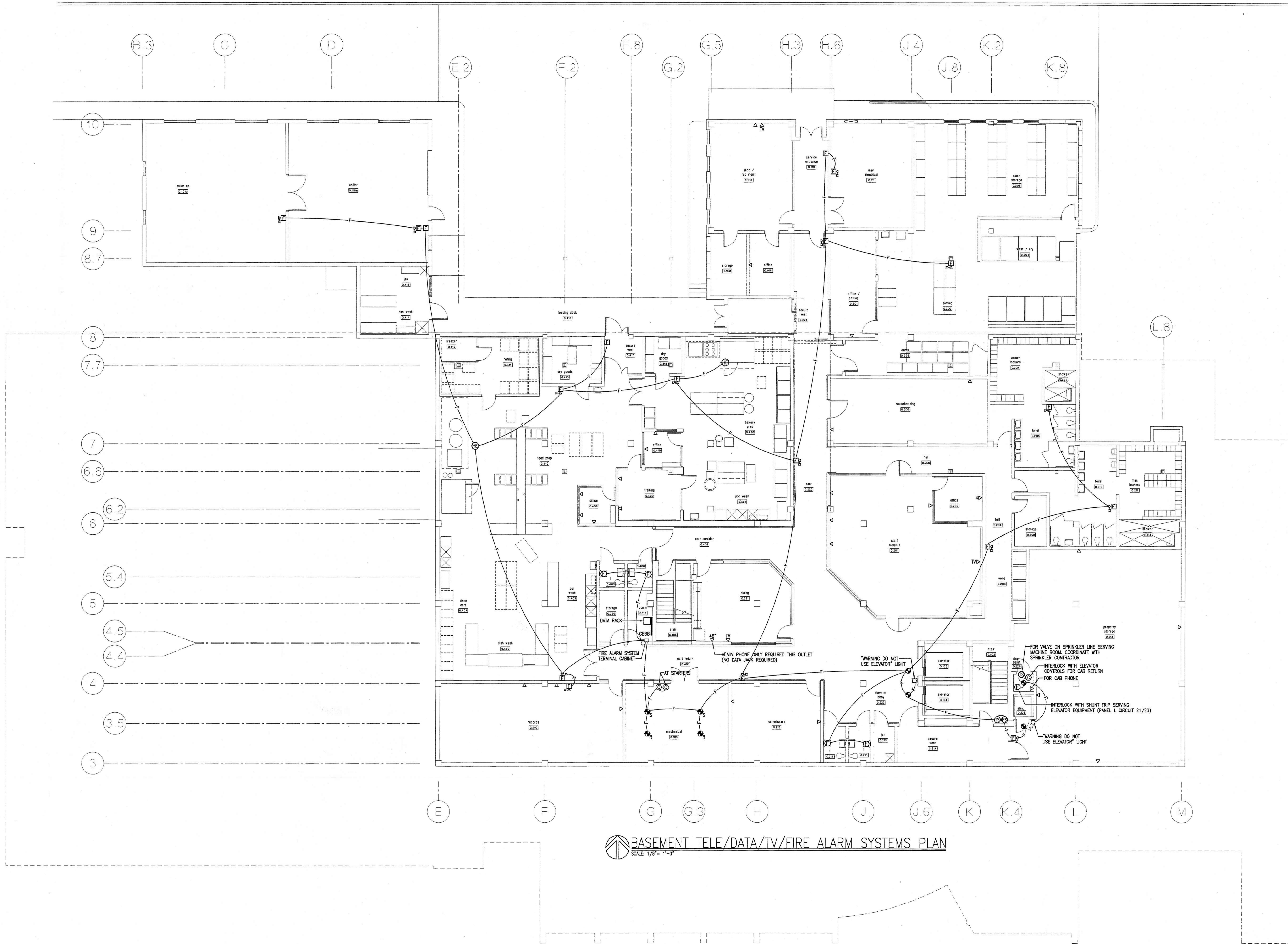
project: selective demolition of university hospital escambia county, florida

Sheet title: electrical penthouse and tower roof electrical plans

revisions:
ADDENDUM REVISIONS
12/7/98

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drawn: MLYNARCZYK
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project no. 9705

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BASEMENT TELE/DATA/TV/FIRE ALARM SYSTEMS PLAN
SCALE: 1/8" = 1'-0"



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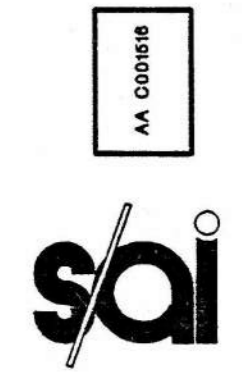
project: central booking and detention facility
escambia county, florida

sheet title: **basement tele/data/tv/fire alarm systems plan**

revisions:
APPENDIX REVISIONS
12/7/98

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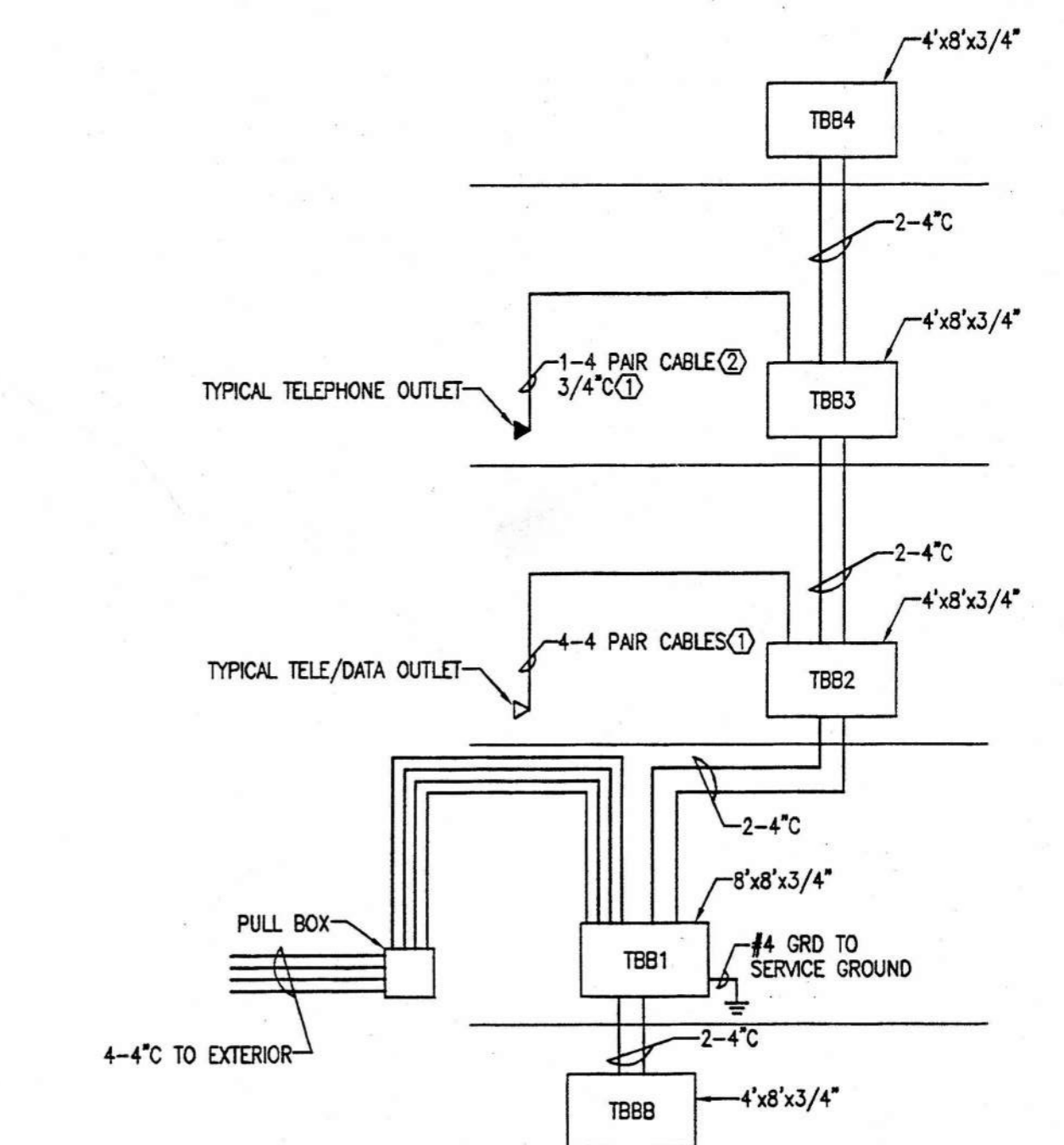
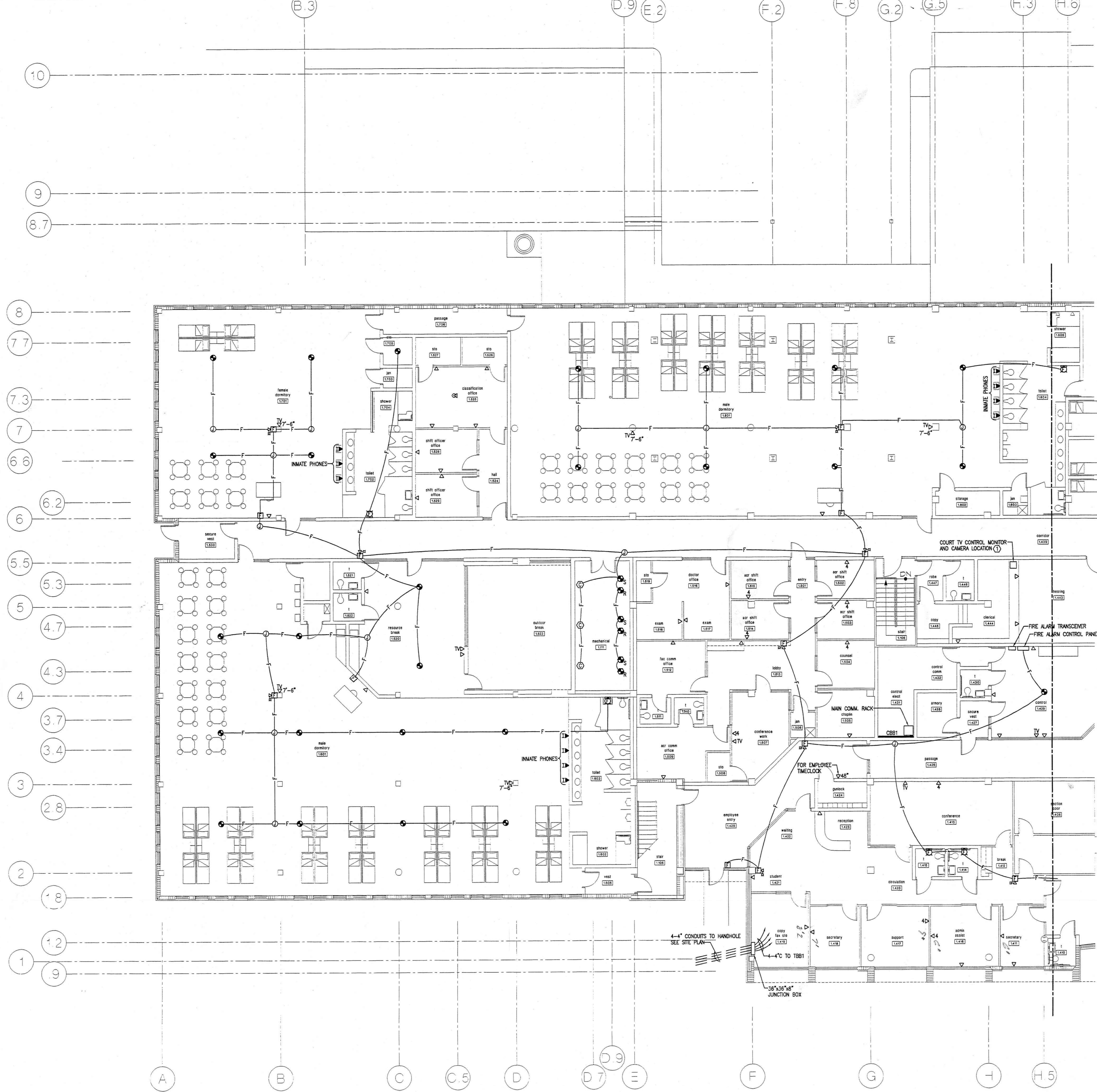
project: central booking and detention facility
escambia county, florida

Sheet title: partial first floor tele/data/tv/fire alarm systems plan (west)

revisions:
ADDENDUM REVISIONS
12/7/98

scale: AS SHOWN
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check: KLOCKE
date: 8/11/98
project no. 9705

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COMMUNICATIONS (DATA/TELE) RISER

NOTE: EXTEND #4 GRID TO EACH BACKBOARD
KEYNOTES:
1 COMPLETE CONDUIT SYSTEM REQUIRED IN AREAS WITH EXPOSED CEILINGS. PLENUM CABLE MAY BE USED ABOVE LAYIN CEILINGS.
2 2 PAIR CABLE MAY BE USED FOR INMATE PHONES

PARTIAL FIRST FLOOR TELE/DATA/TV/FIRE ALARM SYSTEMS PLAN (WEST)
SCALE: 1/8" = 1'-0"

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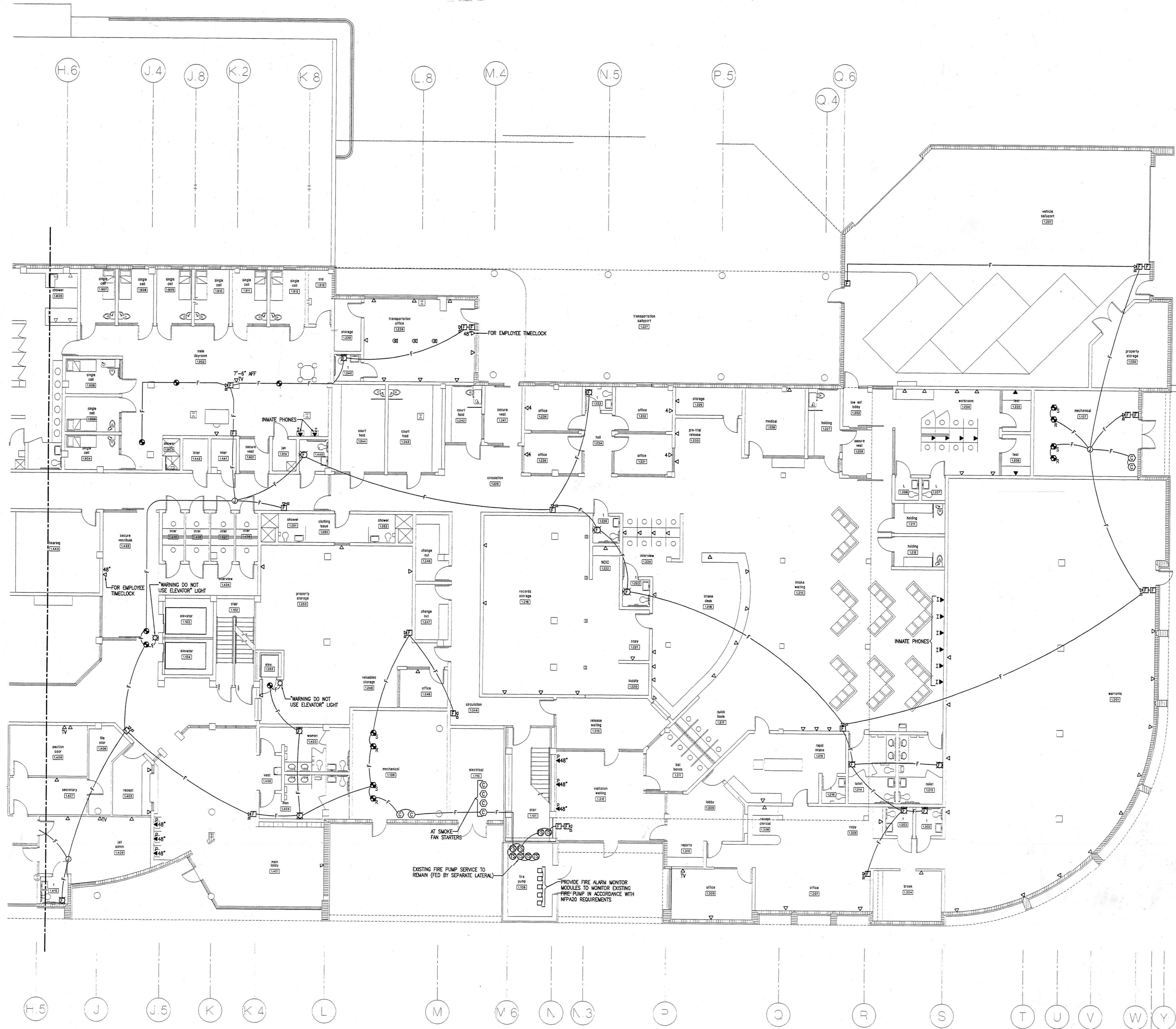
project: central booking and detention facility
escambia county, florida

sheet title: partial first floor tele/data/tv/fire alarm systems plan (east)

revisions:
ADDENDUM REVISIONS
12/7/98

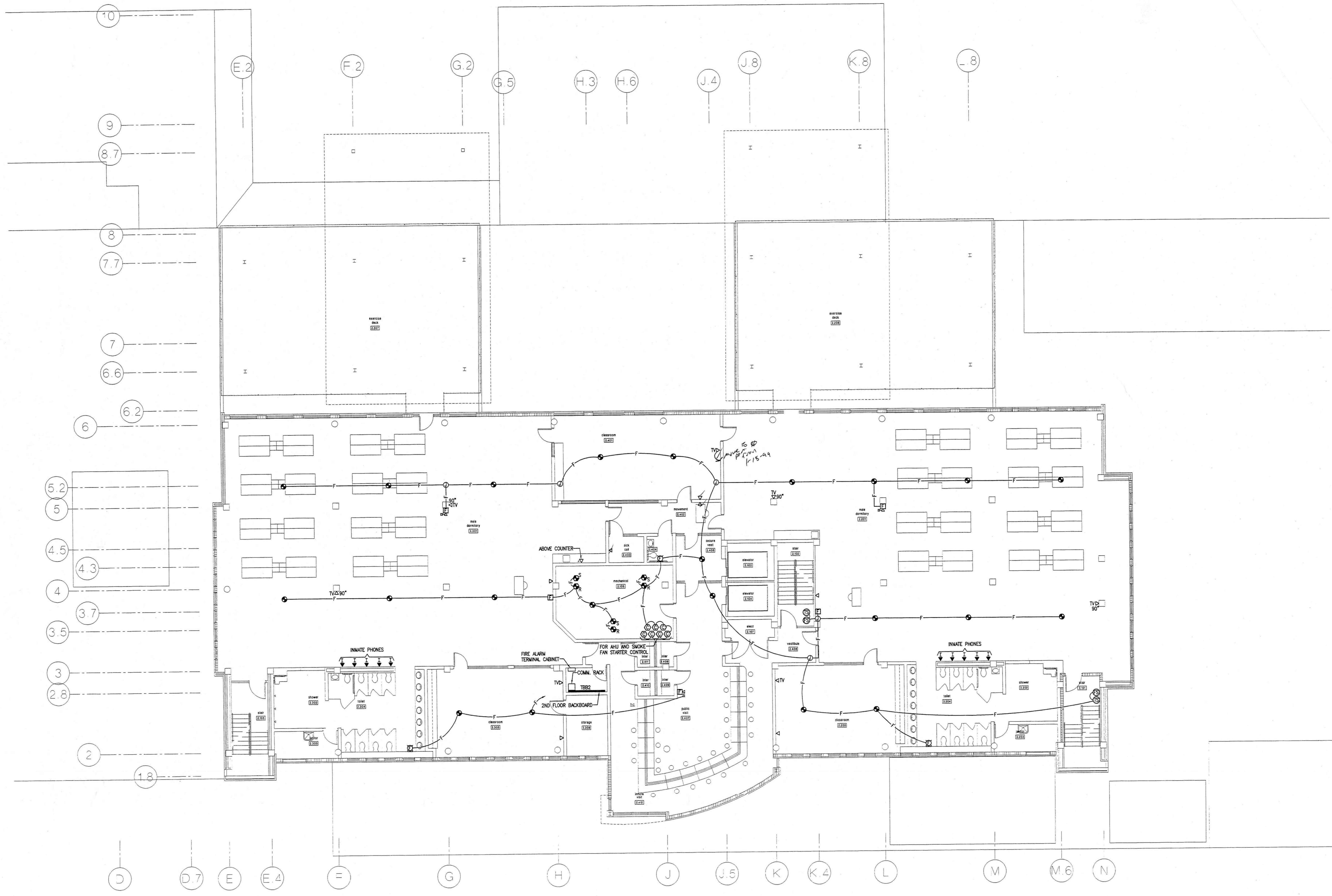
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drawn: MLYNARCZYK
check: KLOCKE
date: 8/11/98
project no. 9705

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PARTIAL FIRST FLOOR TELE/DATA/TV/FIRE ALARM SYSTEMS PLAN (EAST)
SCALE: 1/8" = 1'-0"

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SECOND FLOOR TELE/DATA/TV/FIRE ALARM SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

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project: central booking and detention facility
escambia county, florida

second floor tele/data/tv/fire
alarm systems plan

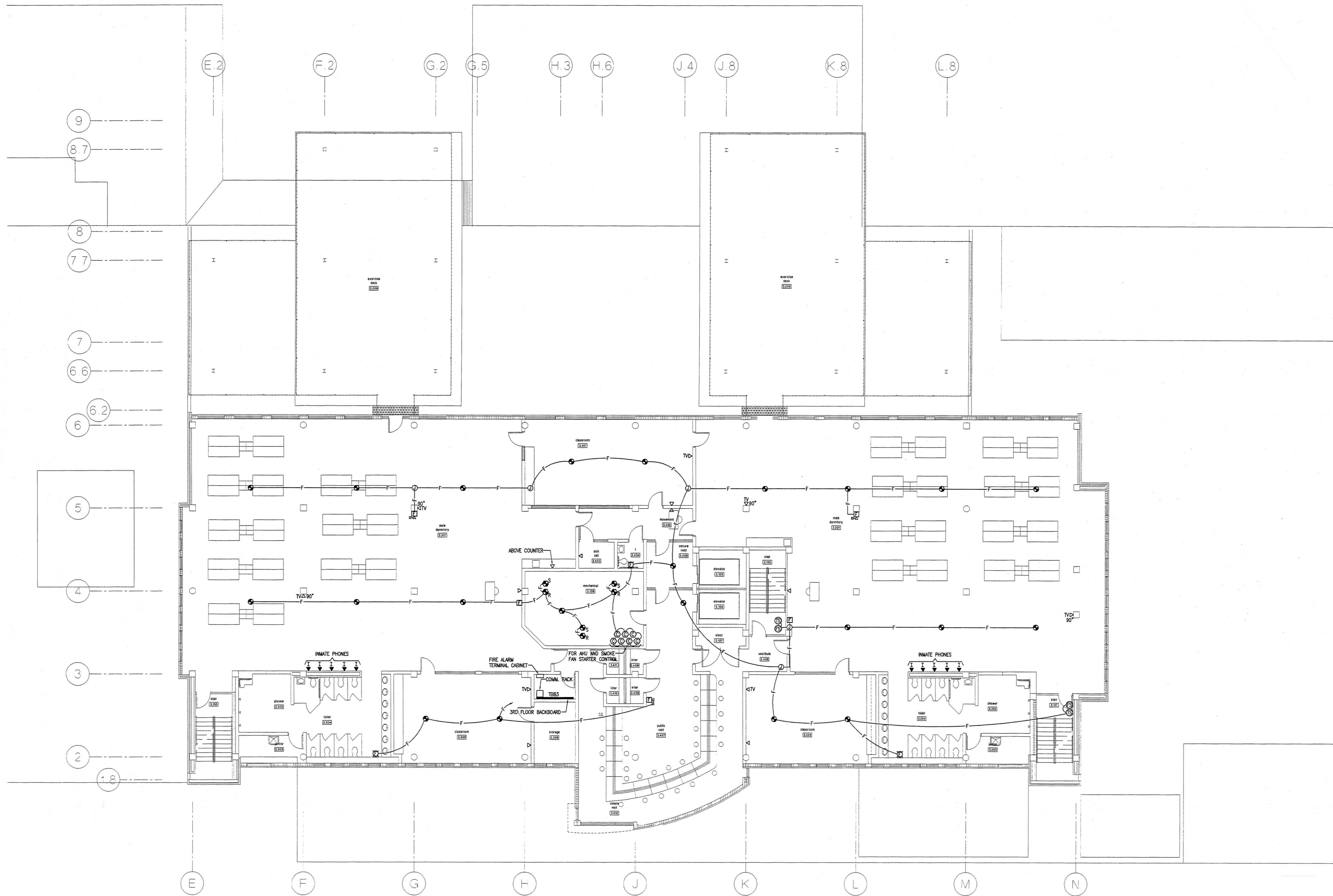
Sheet title:

revisions:
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12/7/98

scale: AS SHOWN
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date: 8/11/98
project no. 9705

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THIRD FLOOR TELE/DATA/TV/FIRE ALARM SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

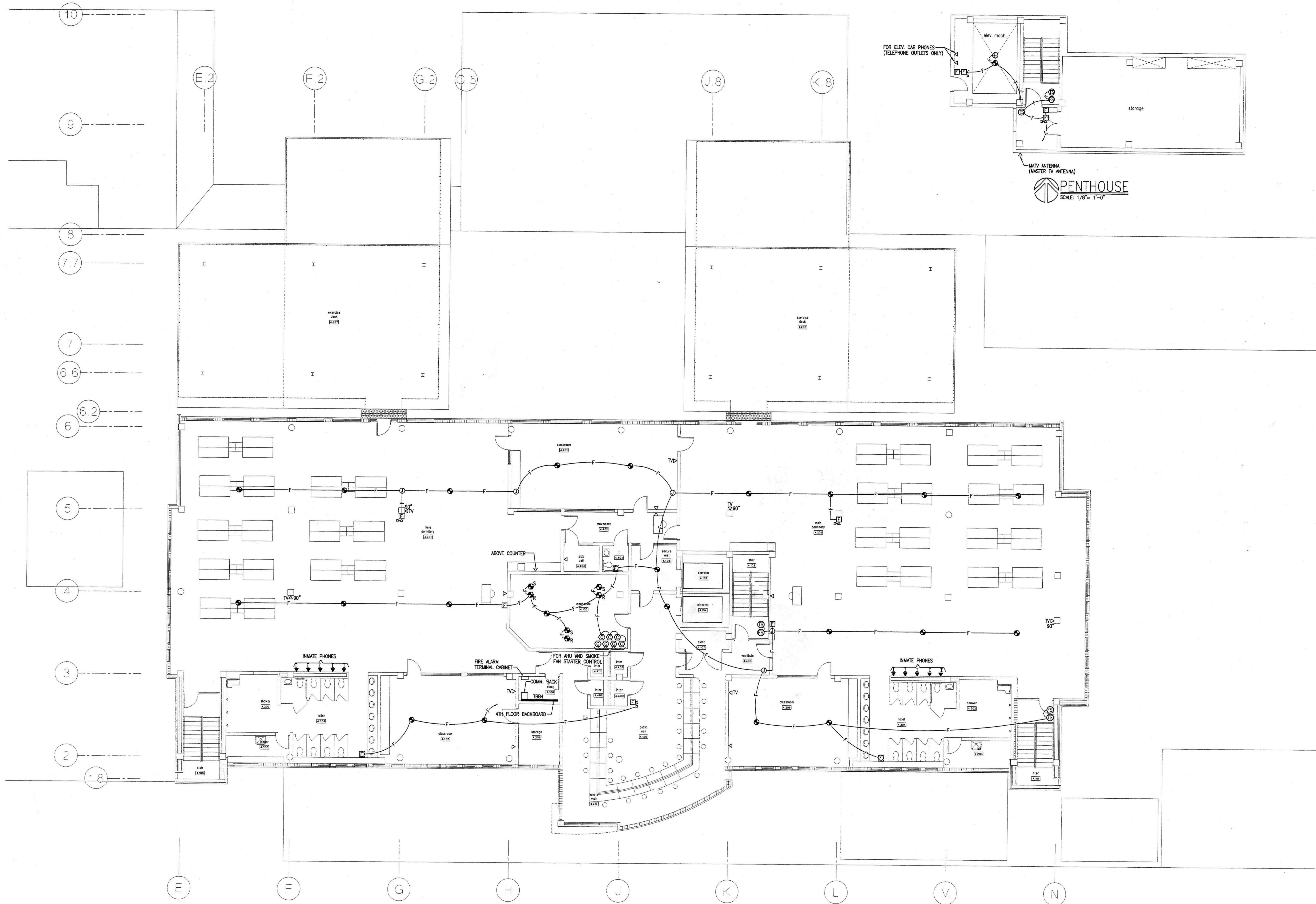
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central booking and detention facility
escambia county, florida

third floor tele/data/tv/fire
alarm systems plan

revisions:
ADDENDUM REVISIONS
12/7/98
scale: AS SHOWN
drawn: MLYNARCZYK
check: KLOCKE
date: 7/20/98
project no. 9705

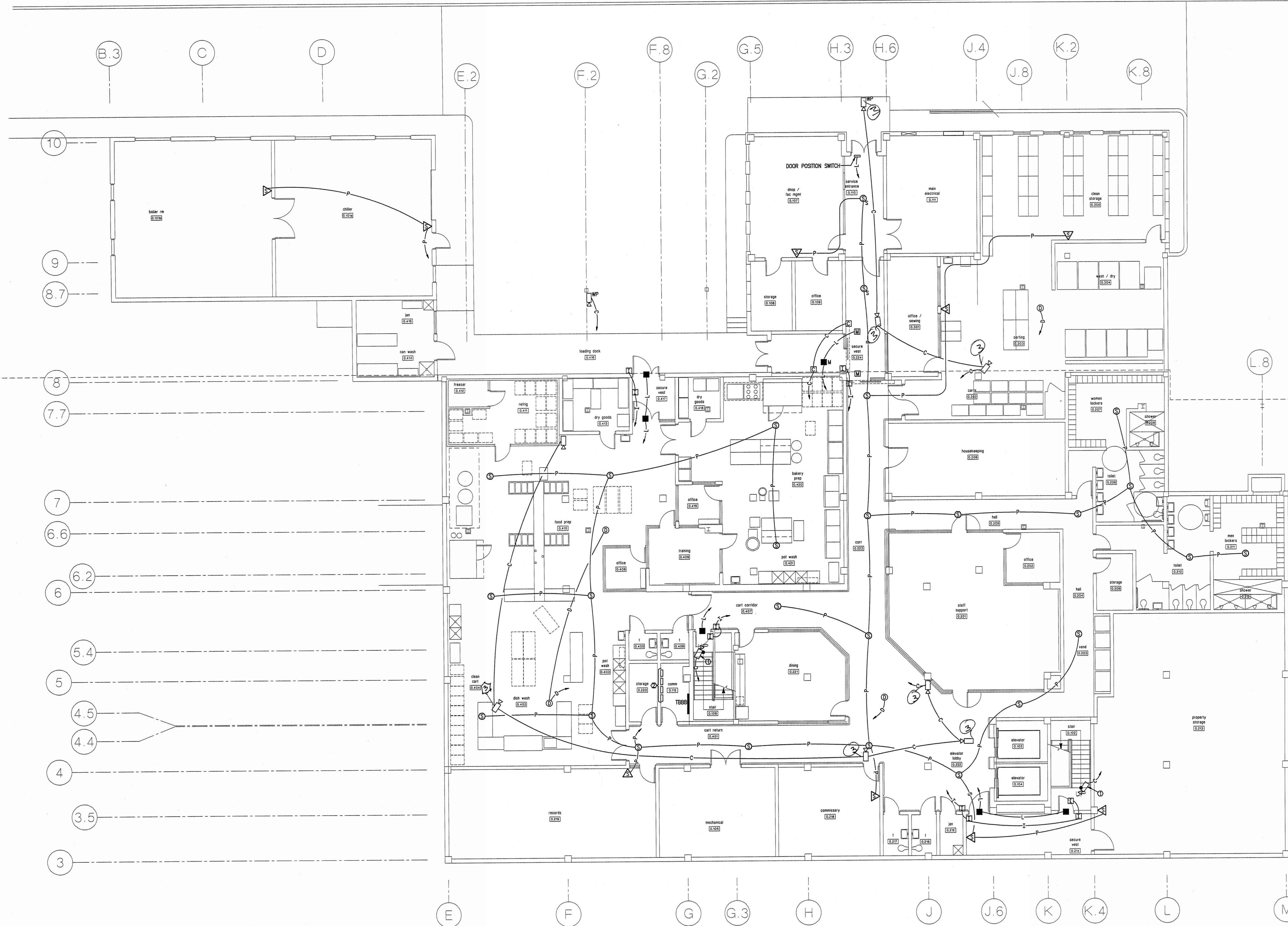
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FOURTH FLOOR AND PENTHOUSE TELE/DATA/TV/FIRE ALARM SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

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project: central booking and detention facility
escambia county, florida
Sheet title: fourth floor and penthouse tele/data/tv/fire alarm systems plan
revisions: ADDENDUM REVISIONS 12/7/98
scale: AS SHOWN
drawn: MLYNARCZYK
check: KLOCKE
date: 8/11/98
project no. 9705

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BASEMENT SECURITY SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

- KEYNOTES:**
- ① CAMERAS IN STAIRS SHALL INCLUDE A MOTION SENSOR FOR ACTIVATION
 - ② TERMINAL CABINETS FOR INTERCOM, DURESS, PAGING, AND LOCKING SYSTEMS
 - ③ Review camera views in field w/ Sheriff's office prior to setting boxes & running conduit

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 8/11/98
 9705
E-24

project:
 central booking and detention facility
 escambia county, florida

sheet title:
basement security systems plan

revisions:

scale: AS SHOWN
 drawn: MLYNARCZYK
 check: KLOCKE
 date: 8/11/98
 project no. 9705



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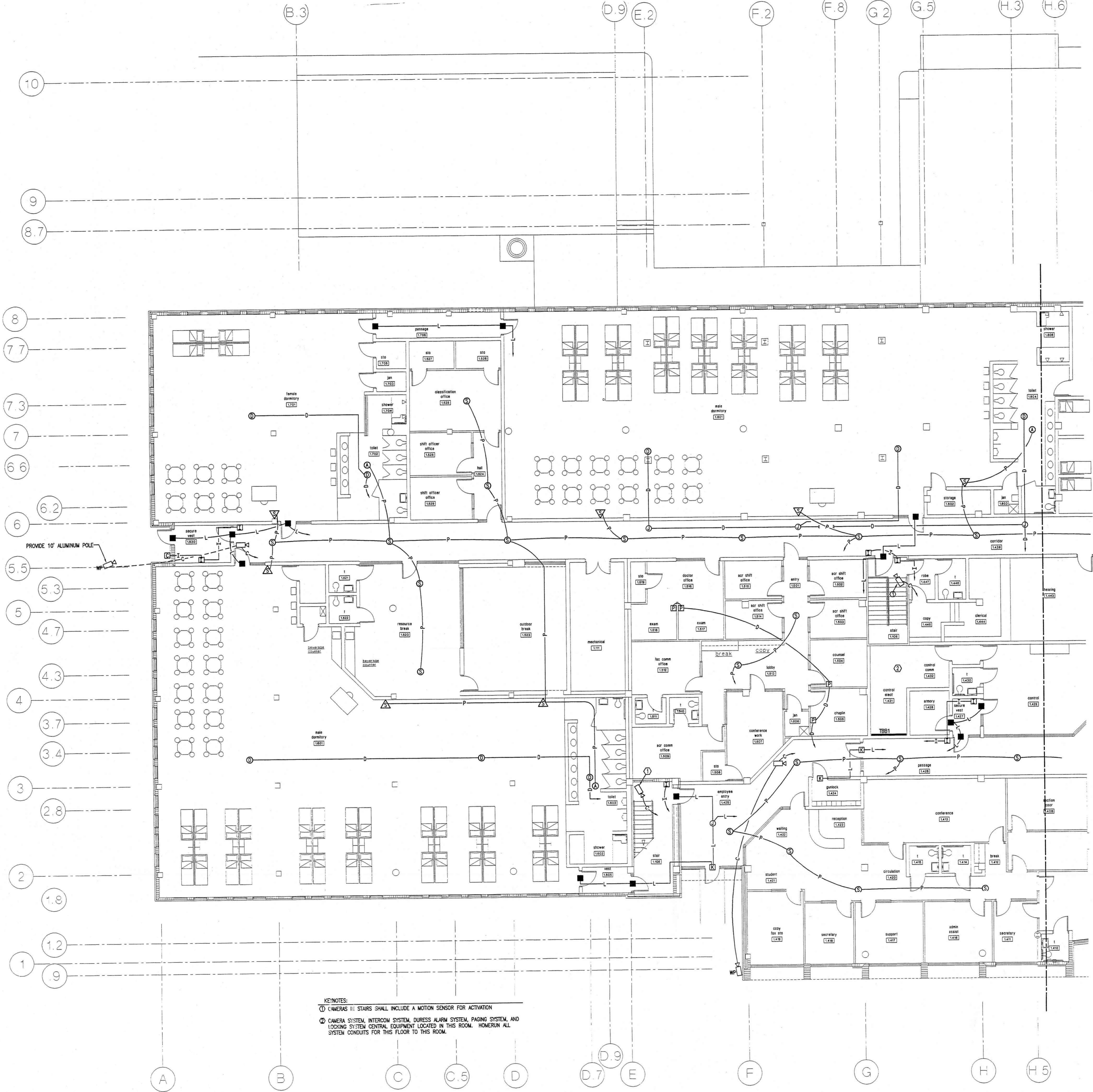
project: central booking and detention facility
escambia county, florida

sheet title: partial first floor security systems plan (west)

revisions:
ADDENDUM REVISIONS
12/7/98

scale: AS SHOWN
drawn: MLYNARCZYK
check: KLOCKE
date: 8/11/98
project no. 9705

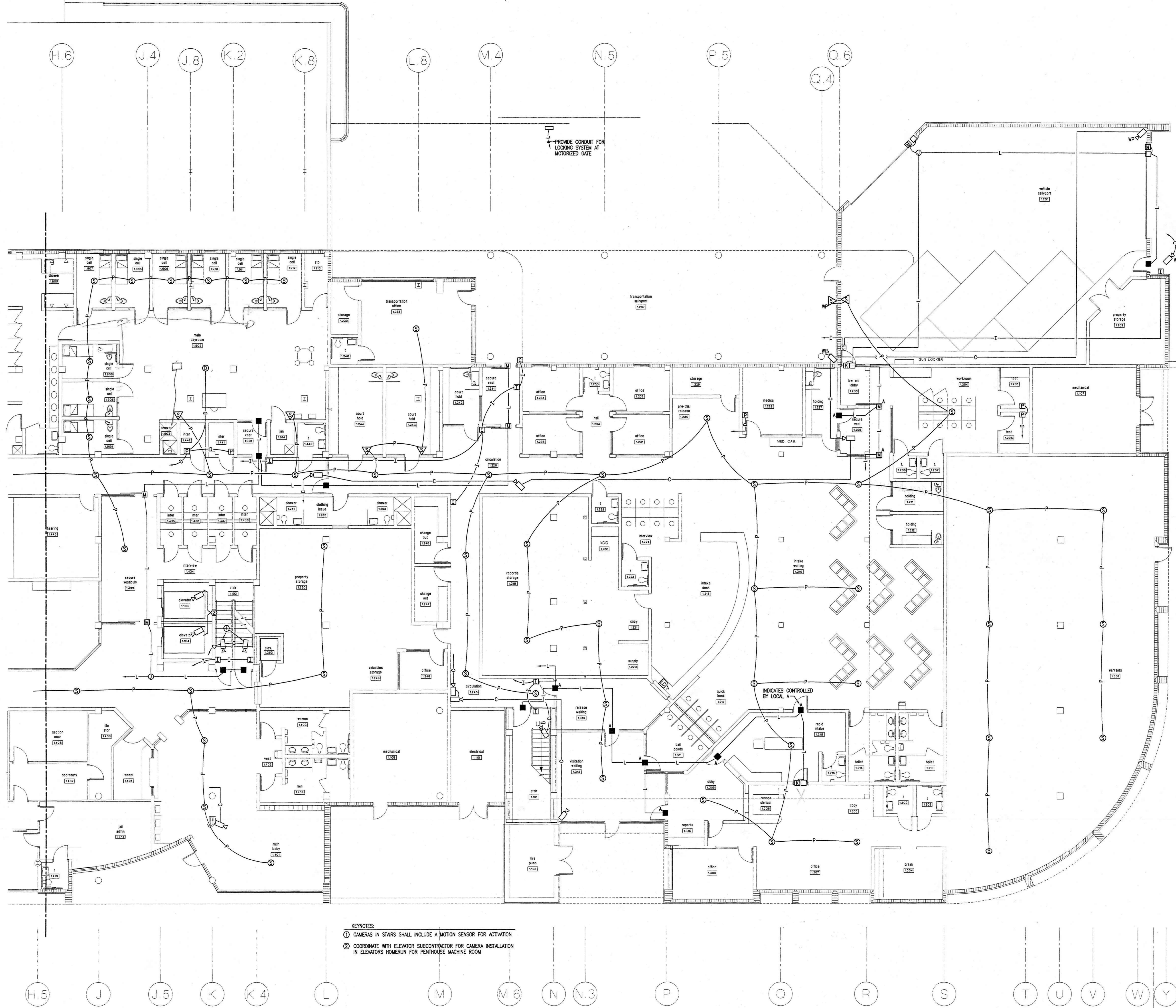
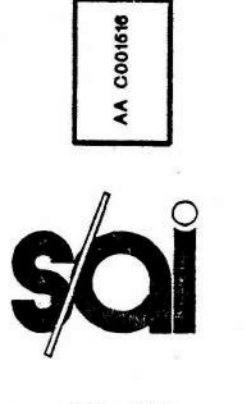
E-25



KEYNOTES:
1 CAMERAS IN STAIRS SHALL INCLUDE A MOTION SENSOR FOR ACTIVATION
2 CAMERA SYSTEM, INTERCOM SYSTEM, DURESS ALARM SYSTEM, PAGING SYSTEM, AND LOCKING SYSTEM CENTRAL EQUIPMENT LOCATED IN THIS ROOM. HOMERUN ALL SYSTEM CONDUITS FOR THIS FLOOR TO THIS ROOM.

PARTIAL FIRST FLOOR SECURITY SYSTEMS PLAN (WEST)
SCALE: 1/8" = 1'-0"

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- KEYNOTES:
- ① CAMERAS IN STAIRS SHALL INCLUDE A MOTION SENSOR FOR ACTIVATION
 - ② COORDINATE WITH ELEVATOR SUBCONTRACTOR FOR CAMERA INSTALLATION IN ELEVATORS HOMERUN FOR PENTHOUSE MACHINE ROOM

PARTIAL FIRST FLOOR SECURITY SYSTEMS PLAN (EAST)
SCALE: 1/8" = 1'-0"

STROLLO/ARCHITECTS INCORPORATED 68 S. IVANHOE BLVD. ORLANDO, FL. 32804 (407)423-5355 (407)422-5994(FAX) ARCHITECTURE PLANNING INTERIOR DESIGN CONSTRUCTION SERVICES

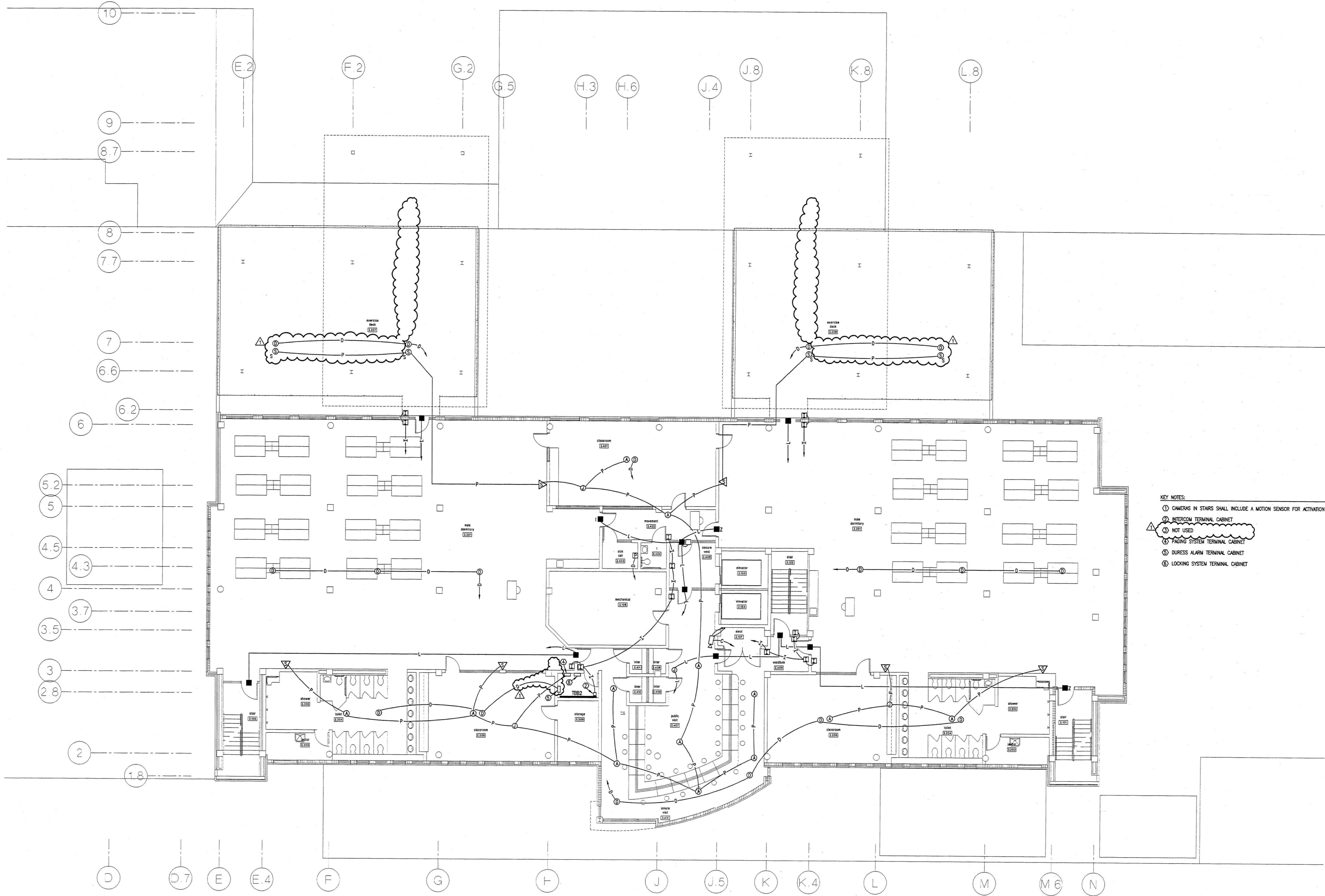
project: central booking and detention facility
escambia county, florida

sheet title: partial first floor security systems plan (east)

revisions:
ADDENDUM REVISIONS
12/7/98

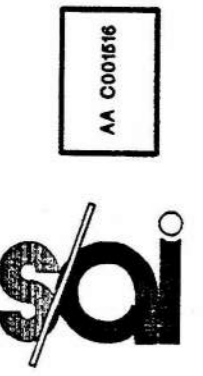
scale: AS SHOWN
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check: KLOCKE
date: 8/11/98
project no. 9705

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- KEY NOTES:**
- ① CAMERAS IN STAIRS SHALL INCLUDE A MOTION SENSOR FOR ACTIVATION
 - ② INTERCOM TERMINAL CABINET
 - ③ NOT USED
 - ④ PAGING SYSTEM TERMINAL CABINET
 - ⑤ DURESS ALARM TERMINAL CABINET
 - ⑥ LOCKING SYSTEM TERMINAL CABINET

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



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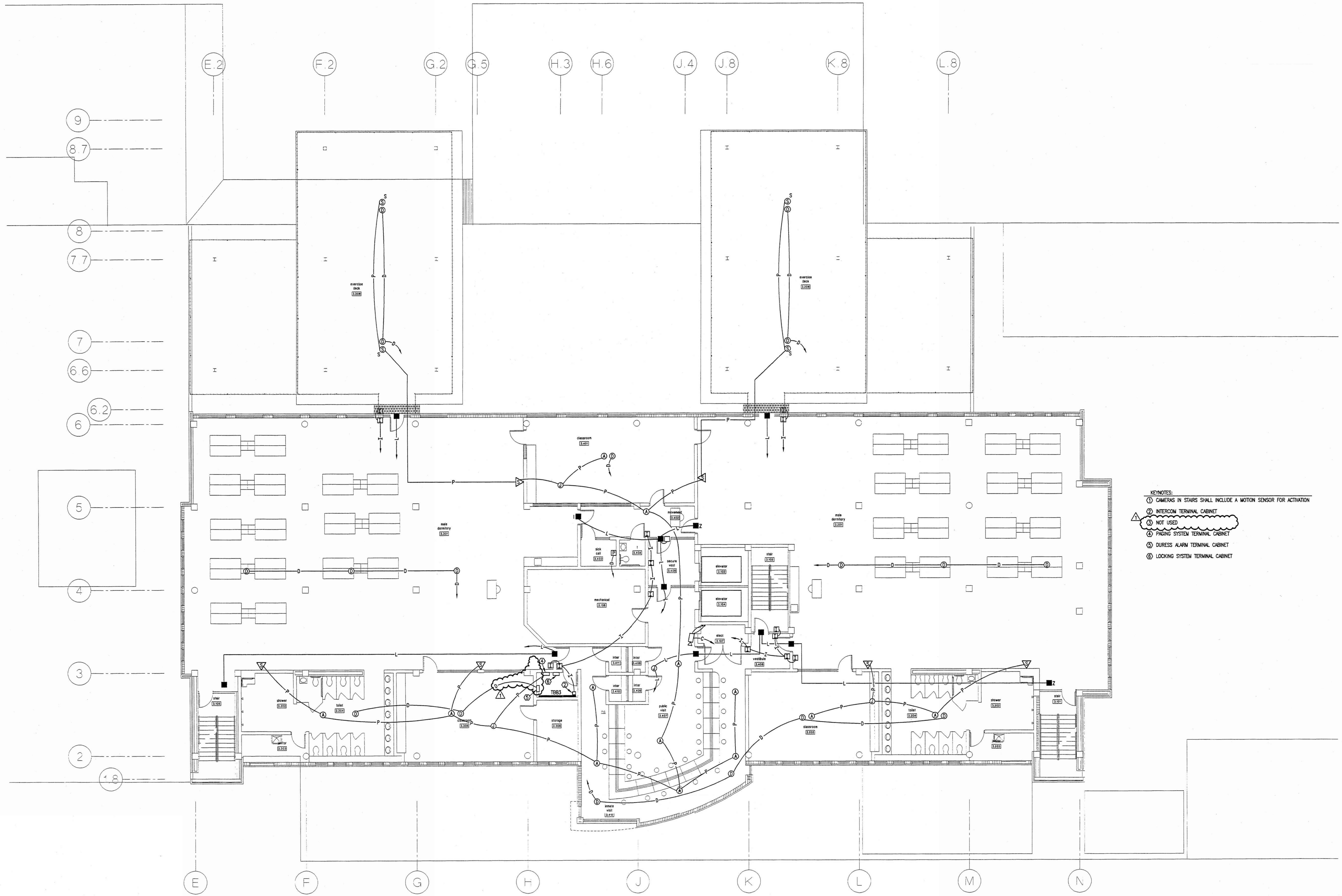
project: central booking and detention facility
escambia county, florida

sheet title: **second floor security systems plan**

revisions:
ADDENDUM REVISIONS
12/7/98
12/7/98
DEVICE RELOCATION/
CLARIFICATION

scale: AS SHOWN
drawn: MLYNARCZYK
check: KLOCKE
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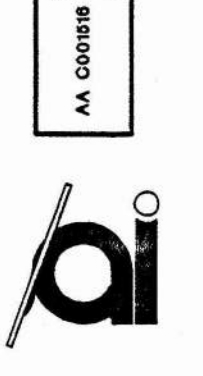


- KEYNOTES:
- ① CAMERAS IN STAIRS SHALL INCLUDE A MOTION SENSOR FOR ACTIVATION
 - ② INTERCOM TERMINAL CABINET
 - ③ NOT USED
 - ④ PAGING SYSTEM TERMINAL CABINET
 - ⑤ DURESS ALARM TERMINAL CABINET
 - ⑥ LOCKING SYSTEM TERMINAL CABINET

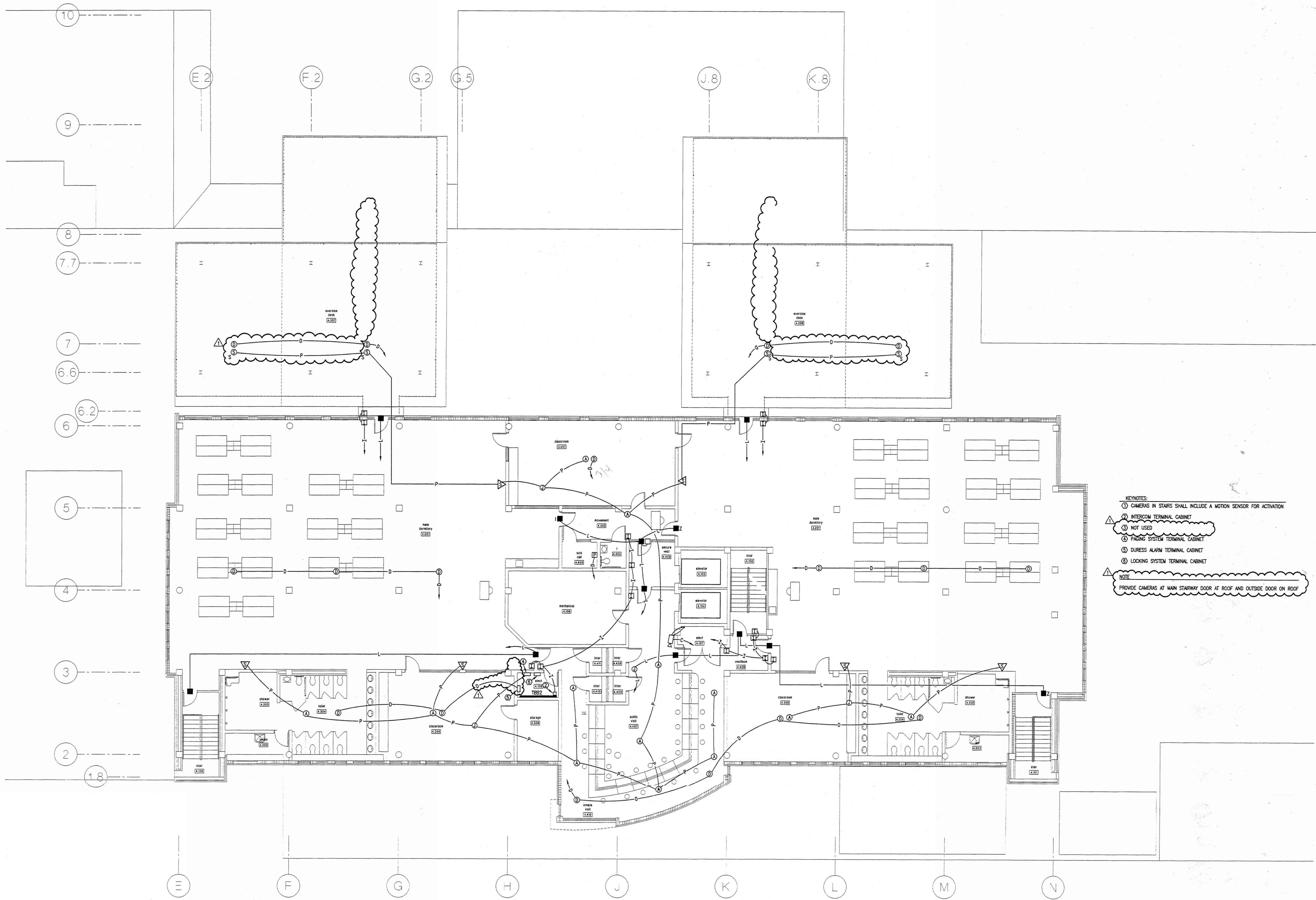
THIRD FLOOR SECURITY SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

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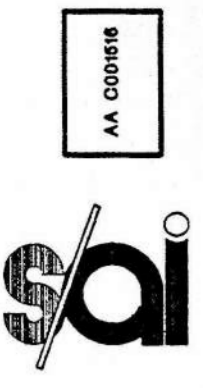
KEYNOTES:
 ① CAMERAS IN STAIRS SHALL INCLUDE A MOTION SENSOR FOR ACTIVATION
 ② INTERCOM TERMINAL CABINET
 ③ NOT USED
 ④ PAGING SYSTEM TERMINAL CABINET
 ⑤ DURESS ALARM TERMINAL CABINET
 ⑥ LOCKING SYSTEM TERMINAL CABINET

NOTE:
 PROVIDE CAMERAS AT MAIN STAIRWAY DOOR AT ROOF AND OUTSIDE DOOR ON ROOF

FOURTH FLOOR SECURITY SYSTEMS PLAN
 SCALE: 1/8" = 1'-0"

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 project: central booking and detention facility
 escambia county, florida
 sheet title: **fourth floor security systems plan**
 revisions:
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 12/7/98
 DEVICE RELOCATION/
 CLARIFICATION
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sheet title:

project:

central booking and detention facility
escambia county, florida

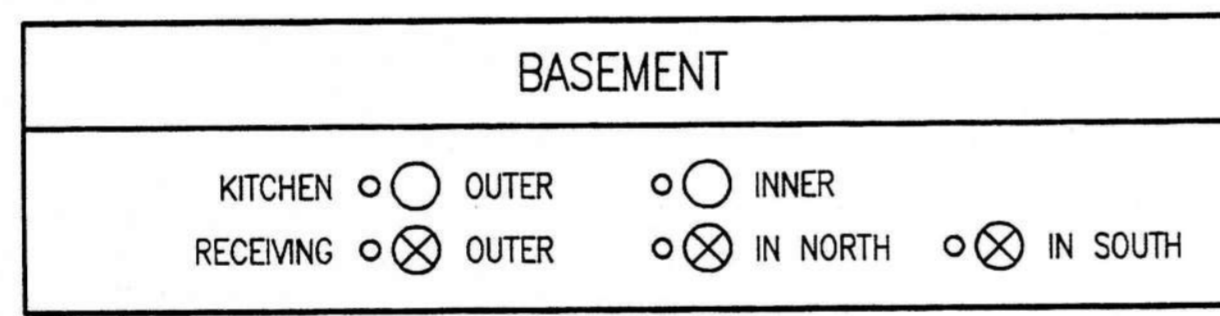
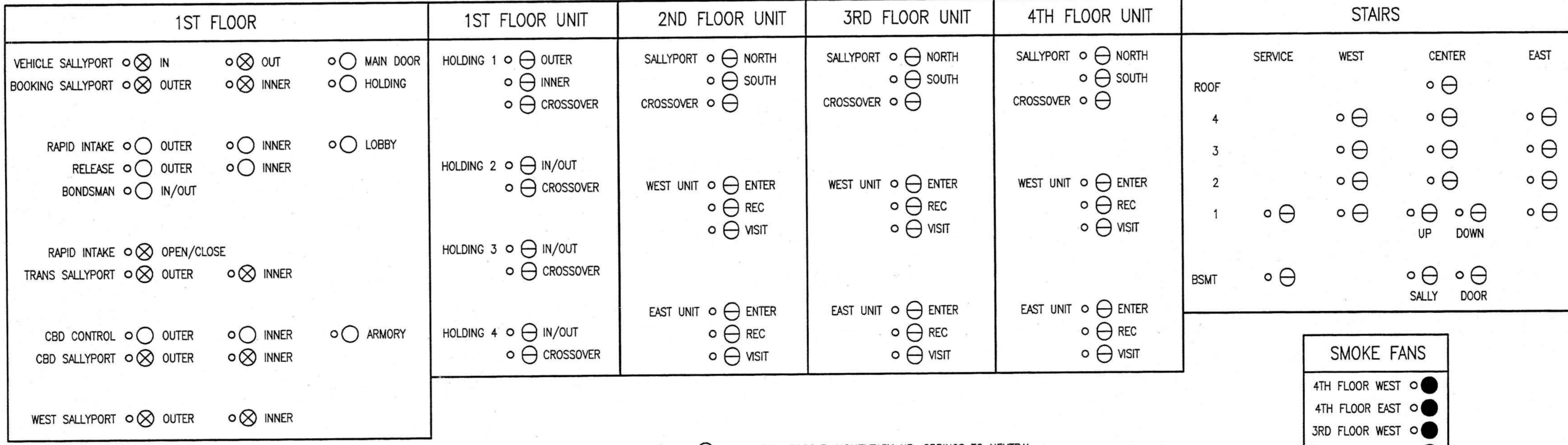
door control panel detail

revisions:
ADDENDUM REVISIONS
12/7/98

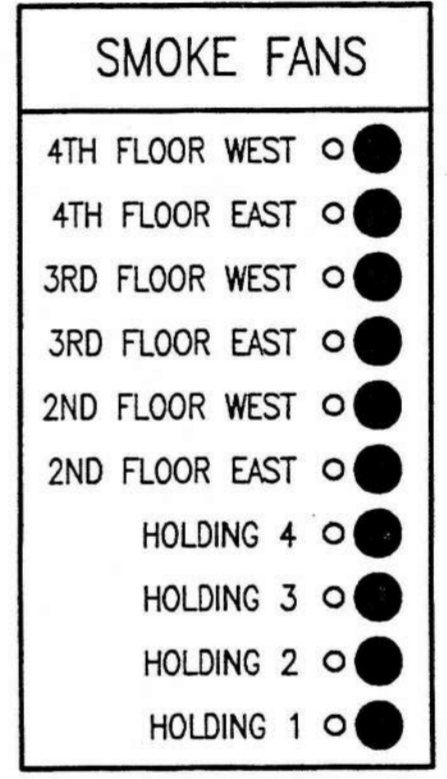
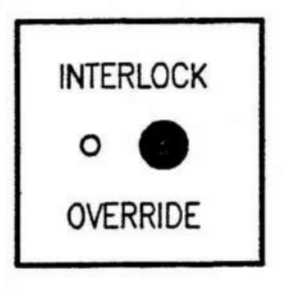
scale: AS SHOWN
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date: 8/11/98
project no. 9705

DOOR INTERLOCK SCHEDULE

INTERLOCK #	DOORS
1	0.102, 0.214, 1.102a
2	.0224a, 0.224b, 0.416
3	0.417a, 0.417b
4	1.102b, 2.102, 3.102, 4.102
5	1.203, 1.209a
6	1.209a, 1.209b, 1.227b
7	1.241a, 1.241b
8	1.101, 2.101, 3.101, 4.101
9	1.901a, 1.901b
10	1.215a, 1.215b, 1.309b
11	1.433a, 1.433b
12	0.106, 1.106
13	1.105, 1.601b, 2.105, 3.105, 4.105
14	1.530a, 1.530b
15	1.706a, 1.706b
16	1.201a, 1.201b, 1.201d, 1.203
17	2.402, 2.405
18	2.201b, 2.301b, 2.402
19	2.102, 2.201a, 2.407
20	1.245, 1.312b



- 2 POSITION TOGGLE, MOMENTARY UP, SPRINGS TO NEUTRAL
- ⊖ 3 POSITION TOGGLE, MOMENTARY UP, SPRINGS TO NEUTRAL, LATCHES DOWN
- ⊗ 3 POSITION TOGGLE, LATCHES IN ALL POSITIONS
- PUSHBUTTON, LATCHING
- RED/GREEN LED INDICATOR LIGHT

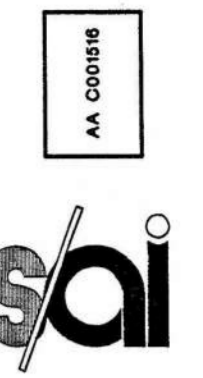


DOOR CONTROL PANEL DETAIL

(LOCATED IN CONTROL ROOM 1.429)

NOTE:
ELECTRICAL CONTRACTOR SHALL PROVIDE WIRING TO SMOKE FAN PUSHBUTTON ON CONTROL PANEL FROM EACH SMOKE FAN STARTER RUN #14, 1/2" TO CONTROL PANEL

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project: central booking and detention facility
escambia county, florida

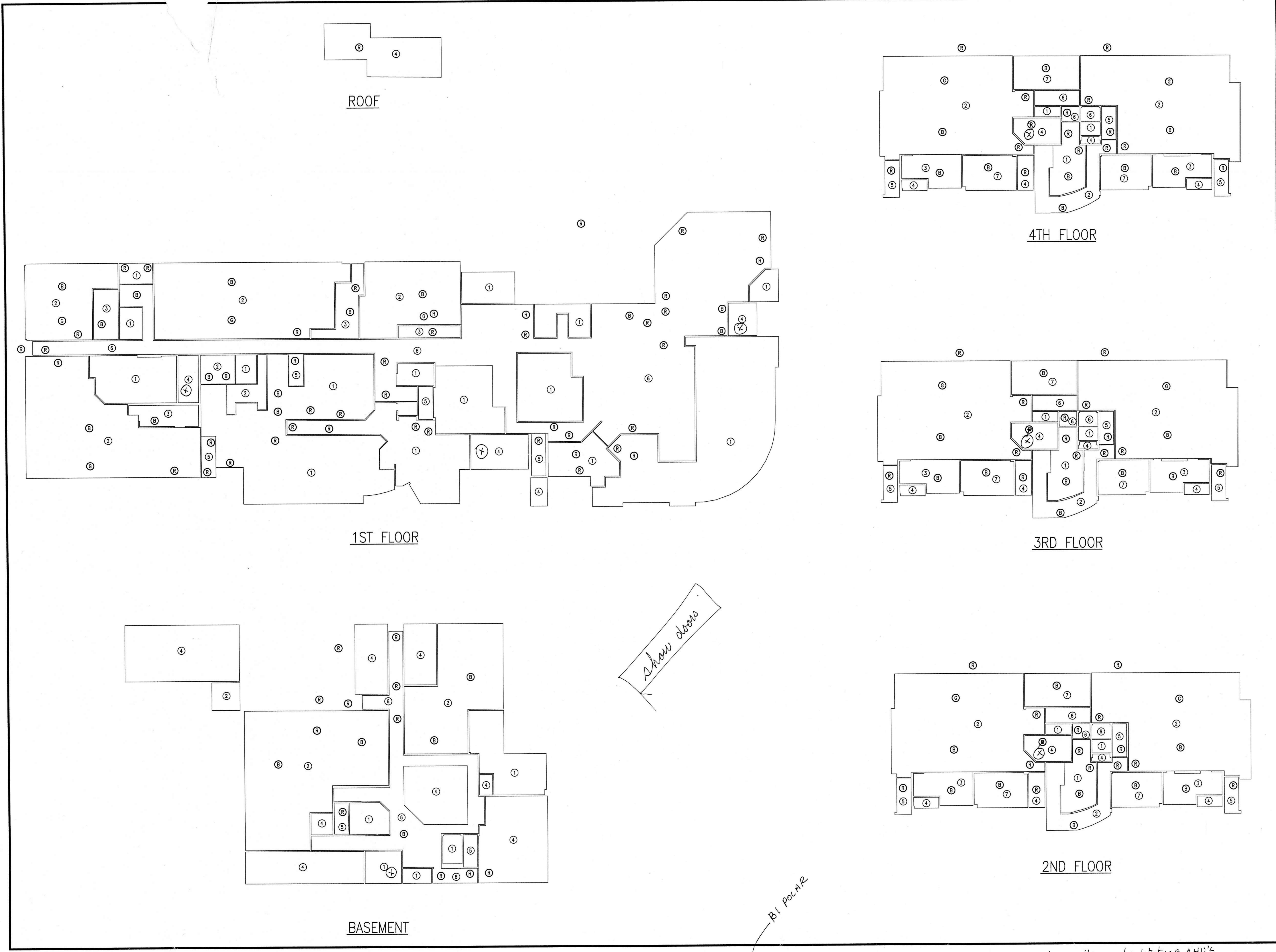
sheet title: **graphic panel detail**

sheet title:

revisions:

scale: AS SHOWN
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date: 8/11/98
project no. 9705

E-31



Show doors

BI POLAR

GRAPHIC PANEL DETAIL

- LEGEND**
- ① INDICATOR LIGHT
 - ② GREEN INDICATOR LIGHT (SMOKE CONTROL FAN)
 - ③ BLUE INDICATOR LIGHT (DURBS)
 - ④ INDICATES AREA DESIGNATION. PROVIDE SEPARATE COLOR BACKGROUND FOR EACH NUMBER INDICATED

⊗ red indicator light - monitors smoke detectors @ AHU's.

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120/208 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 225 AMP M.L.O. PANEL L1B

277/480 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 100 AMP M.L.O. PANEL HE2

120/208 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 225 AMP M.L.O. PANEL L2

277/480 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 125 AMP M.L.O. PANEL M3E

120/208 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 225 AMP M.L.O. PANEL L1A

277/480 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 100 AMP M.L.O. PANEL HE3

120/208 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 100 AMP M.L.O. PANEL L3

120/208 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE FLUSH MOUNTED 225 AMP M.L.O. PANEL L

120/208 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 225 AMP M.L.O. PANEL LE1

277/480 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 100 AMP M.L.O. PANEL HE4

120/208 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 100 AMP M.L.O. PANEL L4

120/208 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 225 AMP M.L.O. PANEL B1

120/208 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 225 AMP M.L.O. PANEL L1A

277/480 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 125 AMP M.L.O. PANEL M2E

120/208 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 100 AMP M.L.O. PANEL LE2

277/480 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 400 AMP M.L.O. PANEL M1E

277/480 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 100 AMP M.L.O. PANEL HEB

277/480 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 400 AMP M.L.O. PANEL HDP1

120/208 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED 100 AMP M.L.O. PANEL B2

480/277 VOLT 3Ø 4W CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED XXX AMP M.L.O. PANEL M4E

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project: central booking and detention facility escambia county, florida

schedules

Sheet title: revisions: ADDENDUM REVISIONS 12/7/98 scale: AS SHOWN draw: MLYNARCZYK check: KLOCKE date: 8/11/98 project no. 9705

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120/208 VOLT 3Ø 4W 50 AMP MAIN BREAKER CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL BL

277/480 VOLT 3Ø 4W 225 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL EDP1

120/208 VOLT 3Ø 4W 400 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL K

480 VOLT 3Ø 3W 100 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL M1EA

120/208 VOLT 3Ø 4W 100 AMP MAIN BREAKER CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL BLE

277/480 VOLT 3Ø 4W 600 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL EDPBA

120/208 VOLT 3Ø 4W 225 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE FLUSH MOUNTED PANEL KE

277/480 VOLT 3Ø 4W 125 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL MBE

480/277 VOLT 3Ø 4W 225 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL HB

277/480 VOLT 3Ø 4W 400 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL EDPBB

120/208 VOLT 3Ø 4W 225 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL LEA

277/480 VOLT 3Ø 4W 1000 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL MEDP

277/480 VOLT 3Ø 4W 225 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL HI

120/208 VOLT 3Ø 4W 225 AMP MAIN BREAKER CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL ELWDP1

120/208 VOLT 3Ø 4W 400 AMP MAIN BREAKER CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL LVDP1

277/480V 3Ø 4W 2400 AMP MAIN BREAKER MAIN DISTRIBUTION SWITCHBOARD SCHEDULE MDS

277/480 VOLT 3Ø 4W 225 AMP M.L.O. CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL HE1

120/208 VOLT 3Ø 4W 225 AMP MAIN BREAKER CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL ELWDP1

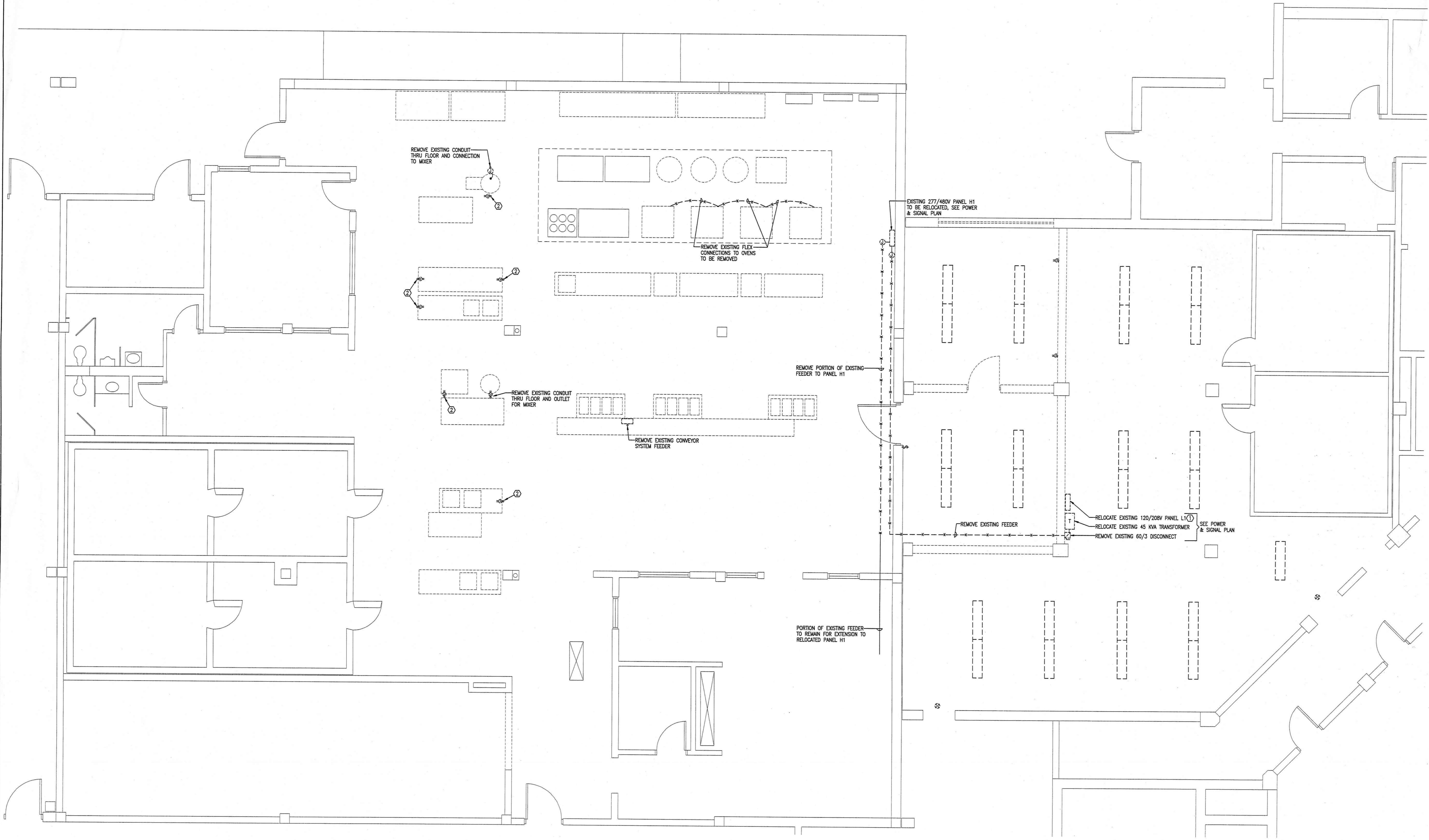
120/208 VOLT 3Ø 4W 400 AMP MAIN BREAKER CIRCUIT BREAKER PANEL SCHEDULE SURFACE MOUNTED PANEL LVDPB

480V 3Ø 3W 1200 AMP MAIN BUS 22,000 AC RATING MOTOR CONTROL CENTER SCHEDULE (MCC)

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revisions: ADDENDUM REVISIONS 12/7/98 scale: AS SHOWN drawn: MLYNARCZYK check: KLOCKE date: 8/11/98 project no. 9705

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ELECTRICAL DEMOLITION PLAN - MAIN JAIL KITCHEN

SCALE: 1/4" = 1'-0"

KEY NOTES

- ① EXTEND EXISTING BRANCH CIRCUITS TO RELOCATED PANEL
- ② REMOVE EXISTING CONDUIT THRU FLOOR AND DUPLEX RECEPTACLE

GENERAL NOTES

WHERE EXISTING OUTLETS ARE REMOVED, REMOVE WIRING (AND CONDUIT WHERE ACCESSIBLE) BACK TO SOURCE. CONTRACTOR SHALL MAKE PROVISIONS FOR CONTINUATION OF SERVICE TO EXISTING OUTLETS WHICH MAY BE AFFECTED BY REMOVALS.

DEMOLITION LEGEND

- □ EXISTING FLUORESCENT LIGHTING FIXTURE TO BE REMOVED
- \$ EXISTING LIGHTING SWITCH TO BE REMOVED
- ⊕ EXISTING DUPLEX RECEPTACLE TO BE REMOVED
- ⊗ EXISTING EXIT LIGHT TO BE REMOVED

AS CONSTRUCTION

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sheet title:

revisions:

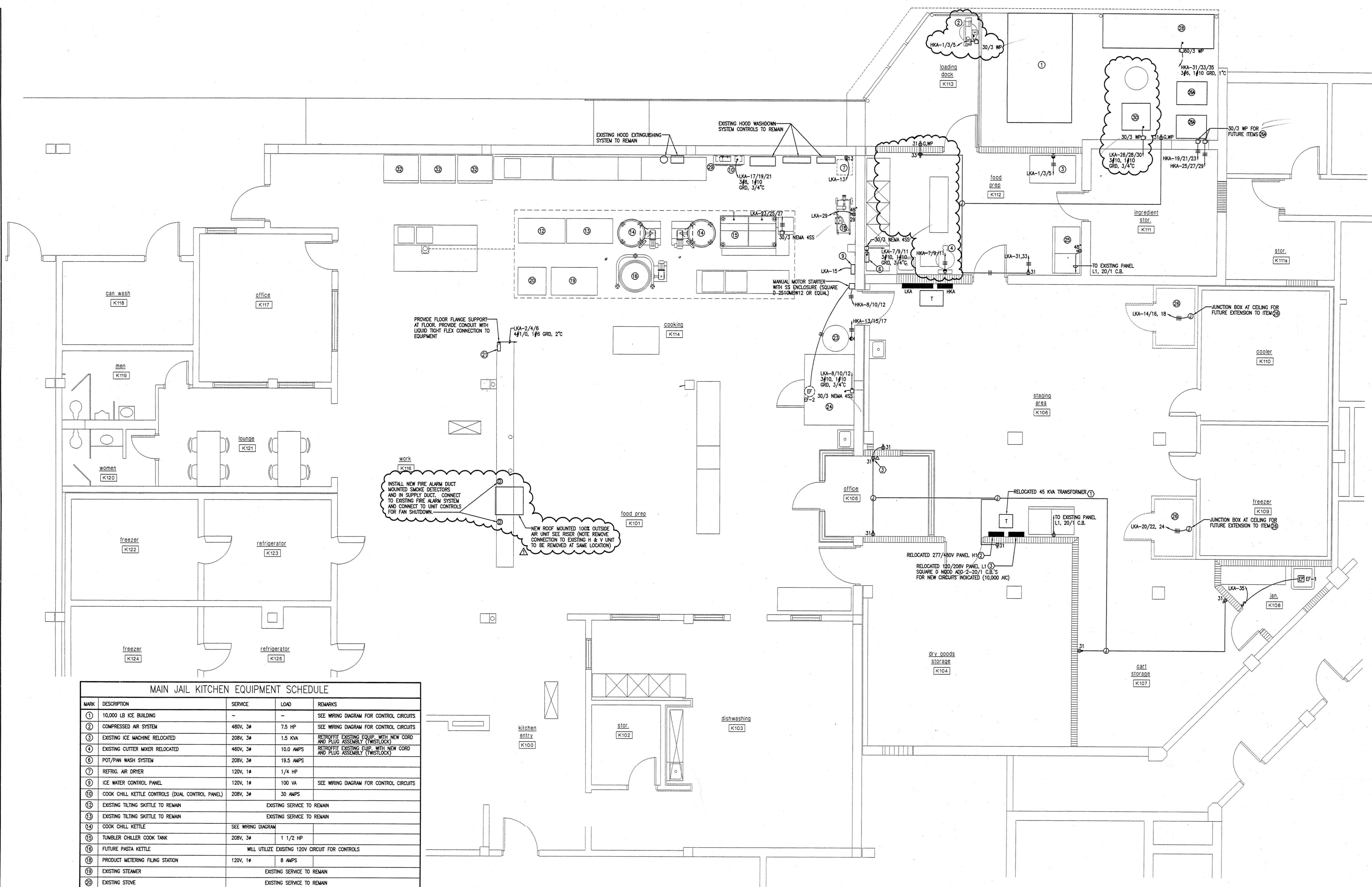
scale: 1/4"=1'-0"
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E-34

central booking and detention facility
escambia county, florida

project:
electrical demolition plan - main jail kitchen

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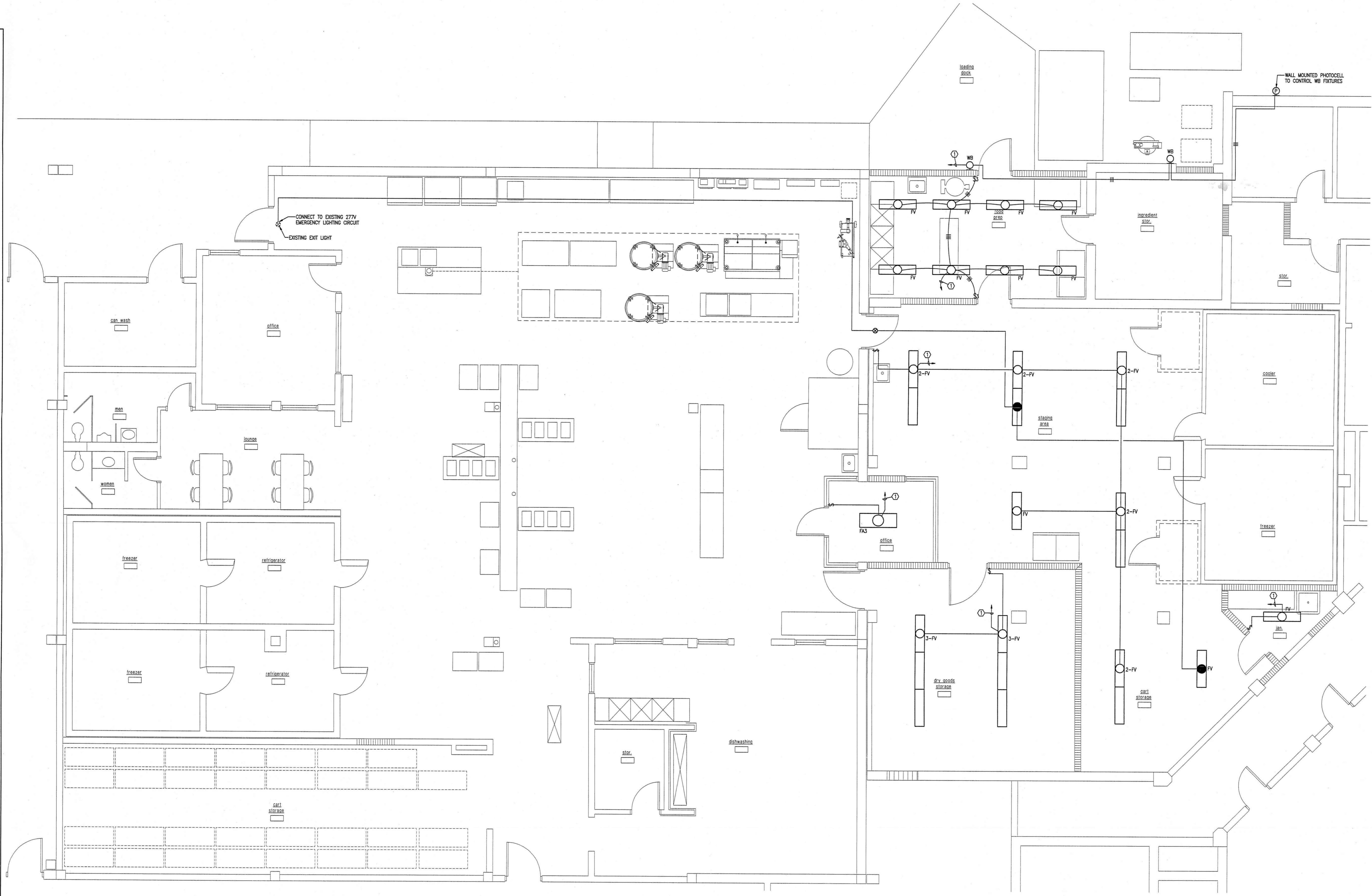
MAIN JAIL KITCHEN EQUIPMENT SCHEDULE				
MARK	DESCRIPTION	SERVICE	LOAD	REMARKS
①	10,000 LB ICE BUILDING	-	-	SEE WIRING DIAGRAM FOR CONTROL CIRCUITS
②	COMPRESSED AIR SYSTEM	480V, 3φ	7.5 HP	SEE WIRING DIAGRAM FOR CONTROL CIRCUITS
③	EXISTING ICE MACHINE RELOCATED	208V, 3φ	1.5 KVA	RETROFIT EXISTING EQUIP. WITH NEW CORD AND PLUG ASSEMBLY (TWISTLOCK)
④	EXISTING CUTTER MIXER RELOCATED	480V, 3φ	10.0 AMPS	RETROFIT EXISTING EQUIP. WITH NEW CORD AND PLUG ASSEMBLY (TWISTLOCK)
⑤	POT/PAN WASH SYSTEM	208V, 3φ	19.5 AMPS	
⑥	REFRIG. AIR DRYER	120V, 1φ	1/4 HP	
⑦	ICE WATER CONTROL PANEL	120V, 1φ	100 VA	SEE WIRING DIAGRAM FOR CONTROL CIRCUITS
⑧	COOK CHILL KETTLE CONTROLS (DUAL CONTROL PANEL)	208V, 3φ	30 AMPS	
⑨	EXISTING TILTING SKITTLE TO REMAIN	EXISTING SERVICE TO REMAIN		
⑩	EXISTING TILTING SKITTLE TO REMAIN	EXISTING SERVICE TO REMAIN		
⑪	COOK CHILL KETTLE	SEE WIRING DIAGRAM		
⑫	TUMBLER CHILLER COOK TANK	208V, 3φ	1 1/2 HP	
⑬	FUTURE PASTA KETTLE	WILL UTILIZE EXISTING 120V CIRCUIT FOR CONTROLS		
⑭	PRODUCT METERING FILING STATION	120V, 1φ	8 AMPS	
⑮	EXISTING STEAMER	EXISTING SERVICE TO REMAIN		
⑯	EXISTING STOVE	EXISTING SERVICE TO REMAIN		
⑰	TRAY MAKEUP SYSTEM	120/208V, 3φ, 4W	100 AMPS	
⑱	EXISTING MIXER RELOCATED	480V, 3φ	2 HP	RETROFIT EXISTING EQUIP. WITH NEW CORD AND PLUG ASSEMBLY (TWISTLOCK)
⑲	RACK OVEN	208V, 3φ	17 AMPS	
⑳	EXISTING REFRIG./FREEZER RELOCATED	120V, 1φ	10 AMPS	
㉑	FUTURE BLAST CHILLER	120V, 1φ	5 AMPS	
㉒	FUTURE BLAST CHILLER CONDENSING UNIT	480V, 3φ	8.7 AMPS	
㉓	ICE SYSTEM CONDENSING UNIT	480V, 3φ	37 AMPS	SEE WIRING DIAGRAM FOR CONTROL CIRCUITS
㉔	FUTURE PASTA KETTLE CONTROL	-	-	
㉕	ICE BUILDER PUMP/BLOWER PACKAGE	208V, 3φ	1-1/2 HP	SEE WIRING DIAGRAM FOR CONTROL CIRCUITS
㉖	EXISTING REFRIG. FREEZERS TO REMAIN	-	-	

POWER & SIGNAL PLAN - MAIN JAIL KITCHEN
 SCALE: 1/4" = 1'-0"
KEY NOTES
 ① SUSPEND FROM CEILING AND BRACE TO WALL (MOUNT 12" OFF WALL TO ALLOW CONDUIT SPACE FOR PANELS BELOW)
 ② REWORK EXISTING FEEDER AND BRANCH CIRCUITS TO NEW LOCATION
 ③ ROUTE 1-CAT 5 VOICE CABLE AND 1-CAT 5 DATA CABLE IN 3/4" TO EXISTING VOICE AND DATA SYSTEMS. ASSUME 250' FOR BIDDING PURPOSES

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project: central booking and detention facility escambia county, florida
 sheet title: power & signal plan - main jail kitchen
 scale: 1/4"=1'-0"
 drawn: MLYNARCZYK
 check: KLOCKE
 date: 8/11/98
 project no. 9705

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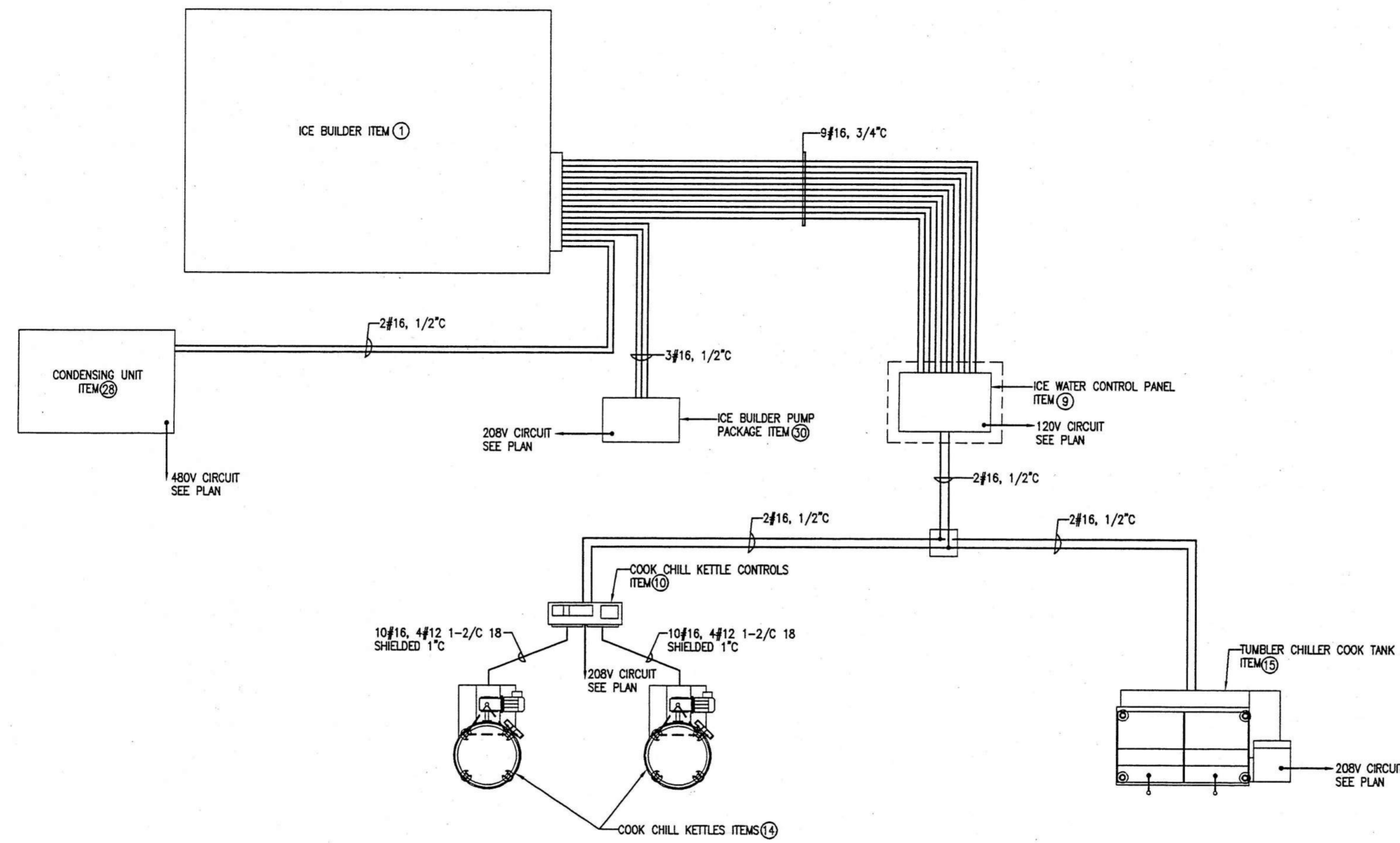


LIGHTING PLAN - MAIN JAIL KITCHEN
SCALE: 1/4" = 1'-0"
KEY NOTES
① CONNECT TO EXISTING 277 VOLT LIGHTING CIRCUIT

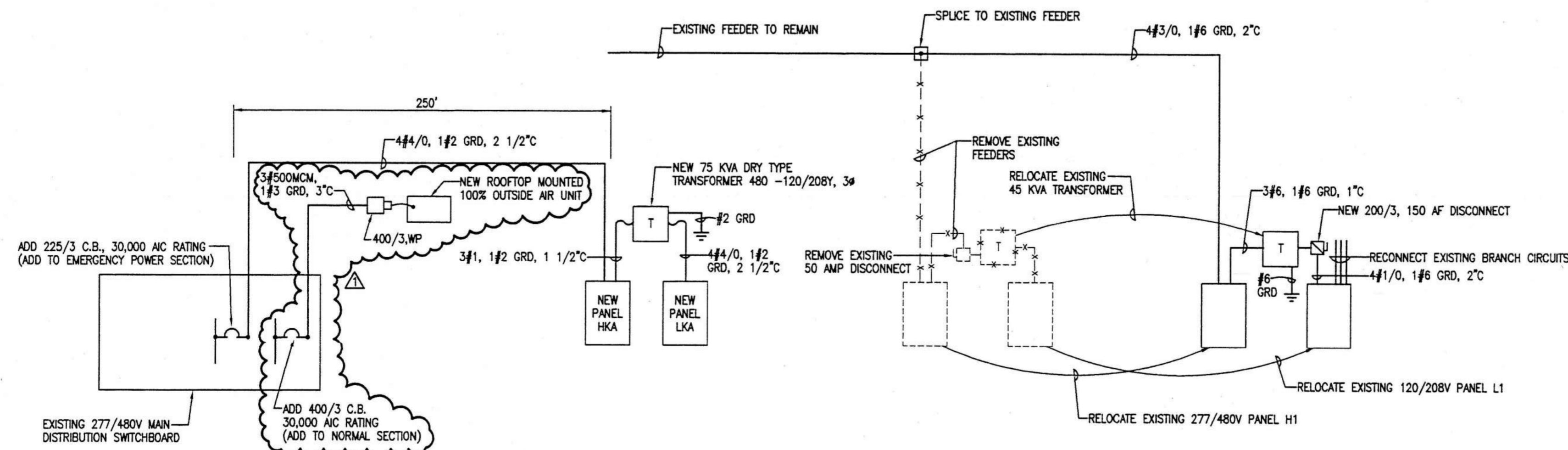
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sheet title: **lighting plan - main jail kitchen**
project: central booking and detention facility
escambia county, florida

revisions:
scale: 1/4"=1'-0"
drawn: MLYNARCZYK
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COOK CHILL SYSTEM WIRING DIAGRAM



POWER RISER DIAGRAM - MAIN JAIL KITCHEN

120/208 VOLT 3Ø 4W
225 AMP M.L.O. SURFACE MOUNTED

**CIRCUIT BREAKER PANEL SCHEDULE
PANEL HKA**

CKT	LOAD DESCRIPTION	BREAKER POLE/AMP	LOAD KVA	BREAKER AMP/POLE	LOAD DESCRIPTION	CKT
1	COMPRESSED AIR SYSTEM (Q)	3 20	9.1	58.8	125 3	PANEL LK1
2						
3	CUTTER MIXER (Q)	3 20	8.3	1.1	15 3	ET-2
4						
5	MIXER (Q)	3 15	2.1		20 1	SPACE
6						
7						
8						
9						
10						
11						
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TOTAL CONNECTED LOAD: 123.2 KVA
MINIMUM INTERRUPTING CAPACITY: 10,000 AMPS SYMMETRICAL

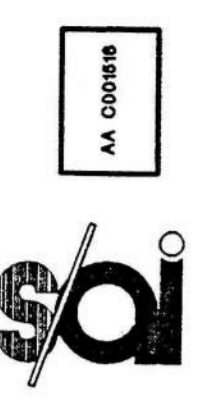
120/240 VOLT 3Ø 4W
225 AMP MAIN BREAKER SURFACE MOUNTED

**CIRCUIT BREAKER PANEL SCHEDULE
PANEL LKA**

CKT	LOAD DESCRIPTION	BREAKER POLE/AMP	LOAD KVA	BREAKER AMP/POLE	LOAD DESCRIPTION	CKT
1	ICE MACHINE (Q)	3 20	1.5	28.0	100 3	TRAY WASHUP SYSTEM (Q)
2						
3						
4						
5						
6						
7						
8						
9	POT/PAN WASH SYSTEM (Q)	3 30	7.0	6.1	30 3	RACK OVEN (Q)
10						
11						
12						
13	REFRIG. AIR DRYER (Q)	1 20	.7	.6	20 2	BLAST CHILLER (Q)
14						
15	ICE WATER CONT. PANEL		.1	.6	20 1	BLAST CHILLER (Q)
16						
17						
18						
19	COOK CHILL KETTLE CTRLS (Q)	3 30	7.2	.6	20 2	BLAST CHILLER (Q)
20						
21						
22						
23						
24						
25	TUMBLER CHILLER COOK TANK	3 15	1.8			
26						
27	PRODUCT METERING STATION	1 20	.66	3.7	25 3	ICE BUILDER PUMP/BLOWER (Q)
28						
29						
30						
31	CONV. OUTLET	1 20	.64		20 1	SPARE
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						

TOTAL CONNECTED LOAD: 68.56 KVA
MINIMUM INTERRUPTING CAPACITY: 10,000 AMPS SYMMETRICAL

* PROVIDE WITH 120 VOLT SHUNT TRIP INTERLOCK WITH EXISTING HOOD EXTINGUISHING SYSTEM
NOTE: DOUBLE ROW PANEL PROVIDE 2-EQUAL SECTIONS



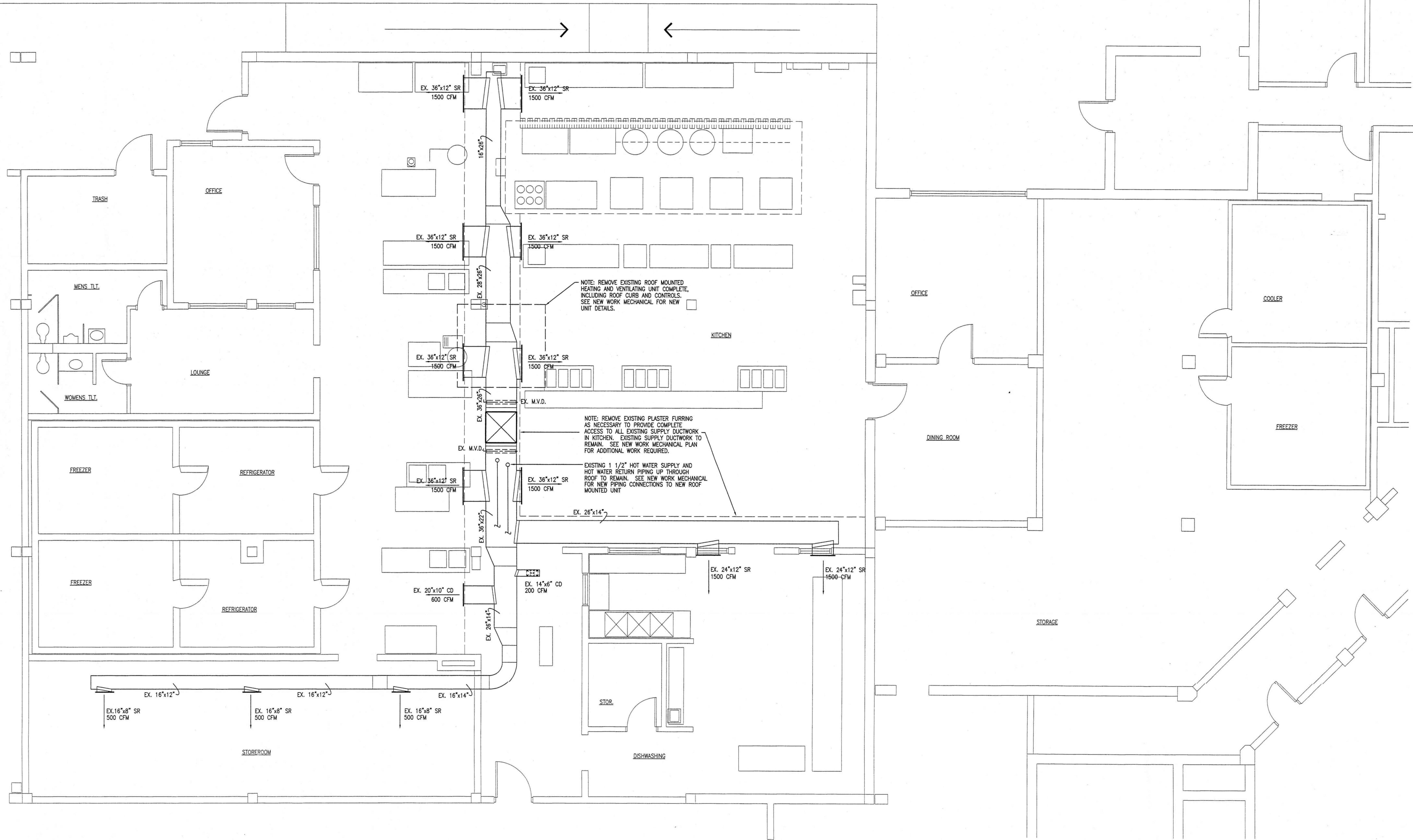
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revisions:
 11/20/98
 ADDED ROOFTOP UNIT

scale: AS SHOWN
 drawn: MLYNARCZYK
 check: KLOCKE
 date: 8/11/98
 project no. 9705

project: central booking and detention facility
 escambia county, florida

sheet title: riser & schedules - main jail kitchen



HVAC DEMOLITION PLAN - MAIN JAIL KITCHEN

SCALE 1/4" = 1'-0"

YONGE AND KLOCKE
 Consulting Engineers
 49 E. Chase Street
 Pensacola, Florida 32501
 (850) 434-2661

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revisions:
 1 - 11/20/98
 ENTIRE SHEET
 ADDED

scale: as shown
 drawn: HMY
 check: HMY
 date: 11/20/98
 project no. 9705

sheet title:
 mechanical demolition plan
 main jail kitchen

project:

central booking and detention facility
 escambia county, florida



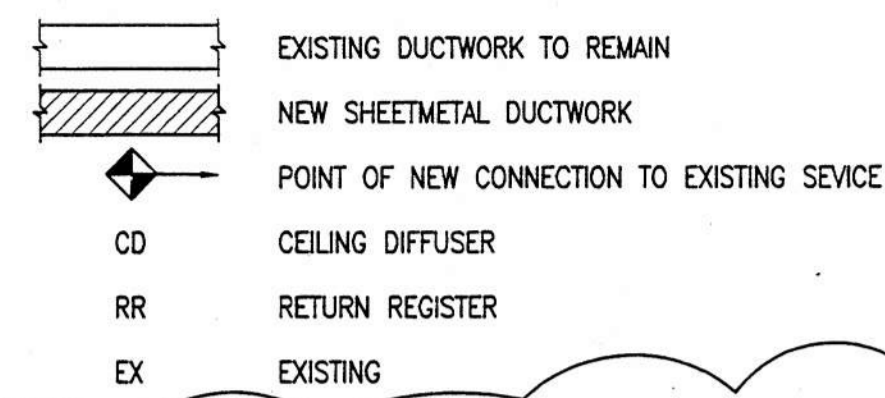
KD-1

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EXHAUST FAN SCHEDULE										
FAN MARK	CFM AIR	MAX RPM	T.S.P. IN WC	MOTOR H.P.	TYPE DRIVE	FAN SERVICE	ELECTRICAL		REMARKS	
							VOLTS	HZ	#	
EF-1	105	1550	.375"	1.4	AMPS	DIRECT	120	60	1	CEILING MOUNTED CENTRIFUGAL
EF-2	1200	1090	1.25"	1.0		BELT	460	60	3	ROOF MOUNTED UPBLAST

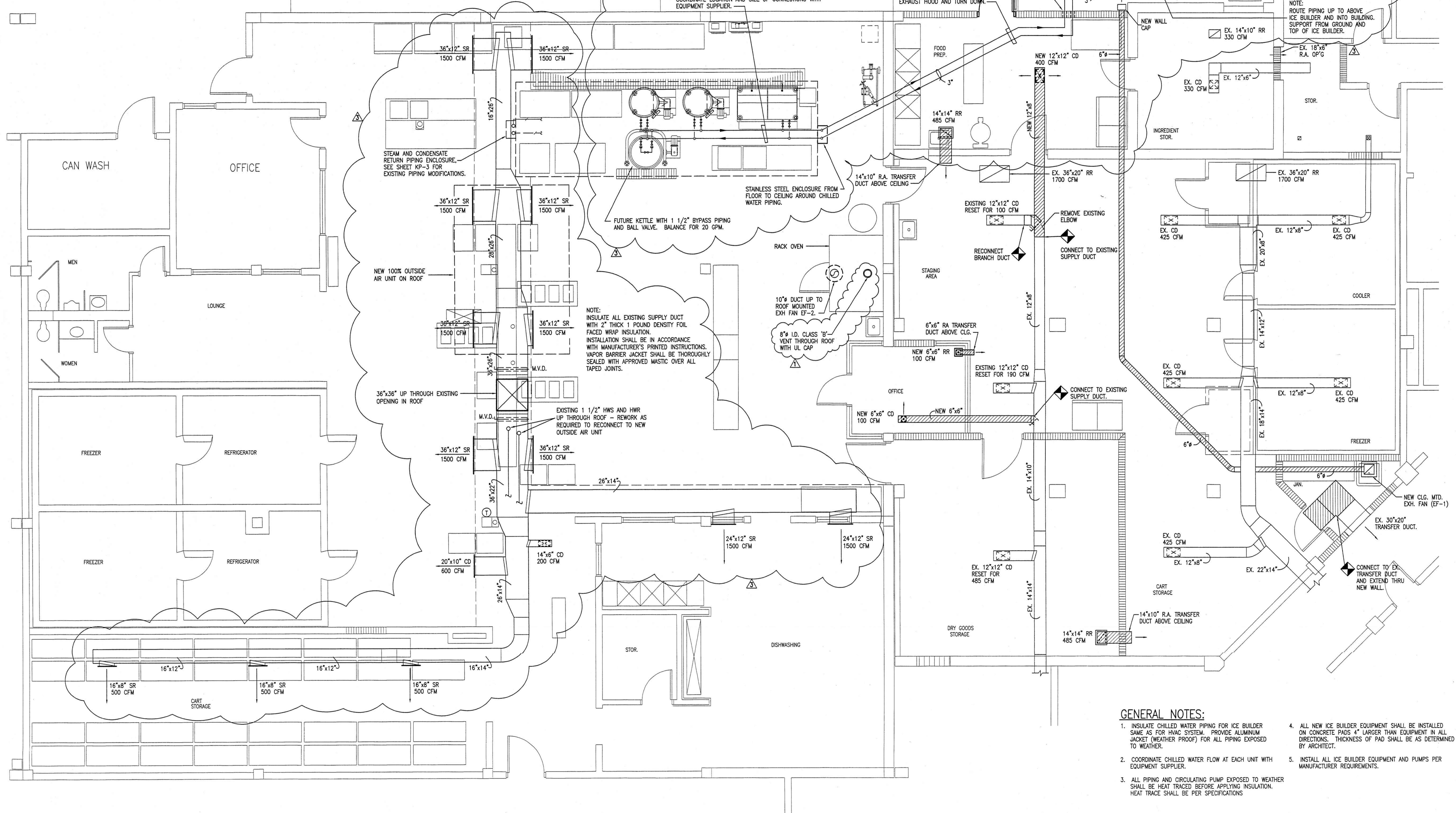
MECHANICAL LEGEND



ROOF MOUNTED 100% OUTSIDE AIR UNIT SCHEDULE																				
UNIT MARK	AIR DATA		DEHUMIDIFICATION COIL				MOTOR H.P.	TOTAL F.L.A.	FILTER DATA			ELECTRICAL		REMARKS (BASIS OF DESIGN)						
	TOTAL AIR	OUTSIDE AIR	E.S.P.	TYPE	SST	AMB.			EWB.	LDB.	SENS. BTU/HR	LATENT BTU/HR	DEHUMIDIFICATION		VOLTS	HZ	#			
OA-1	16,800	16,800	1.0"	DX	41"	95"	78.0'	60.0'	275,000	690,000	635 LB/HR	20	227.6	4" PLTD	30%	YES	480	60	3	WRINGER MODEL - 17HP

HOT WATER COIL PIPING CONN'S

DROP PIPING TO 48" AFF AND ROUTE BETWEEN EQUIPMENT. SUPPORT PIPING FROM FLOOR. ADJUST FINAL ELEVATION TO ACCOMMODATE FIELD CONDITIONS. PROVIDE BRANCH (1 1/2") CONNECTIONS TO EQUIPMENT WITH REDUCER FOR FINAL CONNECTION. PROVIDE SHUT-OFF VALVE AND UNION AT EACH POINT OF CONNECTION. COORDINATE LOCATION AND SIZE OF CONNECTIONS WITH EQUIPMENT SUPPLIER.



GENERAL NOTES:

- INSULATE CHILLED WATER PIPING FOR ICE BUILDER SAME AS FOR HVAC SYSTEM. PROVIDE ALUMINUM JACKET (WEATHER PROOF) FOR ALL PIPING EXPOSED TO WEATHER.
- COORDINATE CHILLED WATER FLOW AT EACH UNIT WITH EQUIPMENT SUPPLIER.
- ALL PIPING AND CIRCULATING PUMP EXPOSED TO WEATHER SHALL BE HEAT TRACED BEFORE APPLYING INSULATION. HEAT TRACE SHALL BE PER SPECIFICATIONS.
- ALL NEW ICE BUILDER EQUIPMENT SHALL BE INSTALLED ON CONCRETE PADS 4" LARGER THAN EQUIPMENT IN ALL DIRECTIONS. THICKNESS OF PAD SHALL BE AS DETERMINED BY ARCHITECT.
- INSTALL ALL ICE BUILDER EQUIPMENT AND PUMPS PER MANUFACTURER REQUIREMENTS.

SCALE 1/4" = 1'-0"

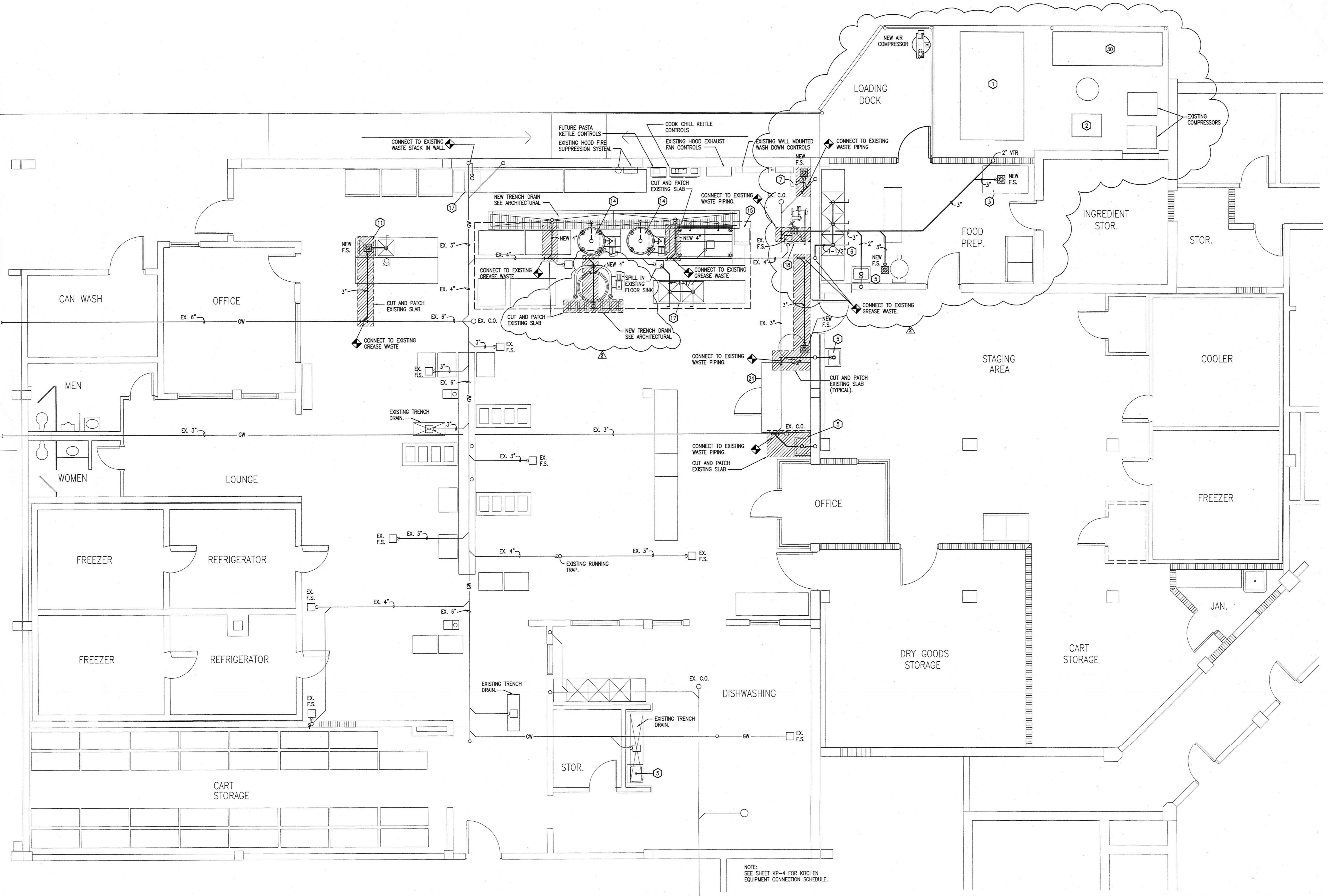
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NEW WORK MECHANICAL PLAN - MAIN JAIL KITCHEN

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project: central booking and detention facility escambia county, florida
sheet title: new work mechanical plan main jail kitchen
revisions:
- 9/14/98
- 10/14/98
- 11/20/98
scale: as shown
drawn: HMY
check: HMY
date: 7/20/98
project no. 9705

KM-1



NEW WORK PLUMBING PLAN - MAIN JAIL KITCHEN

SCALE 1/4" = 1'-0"

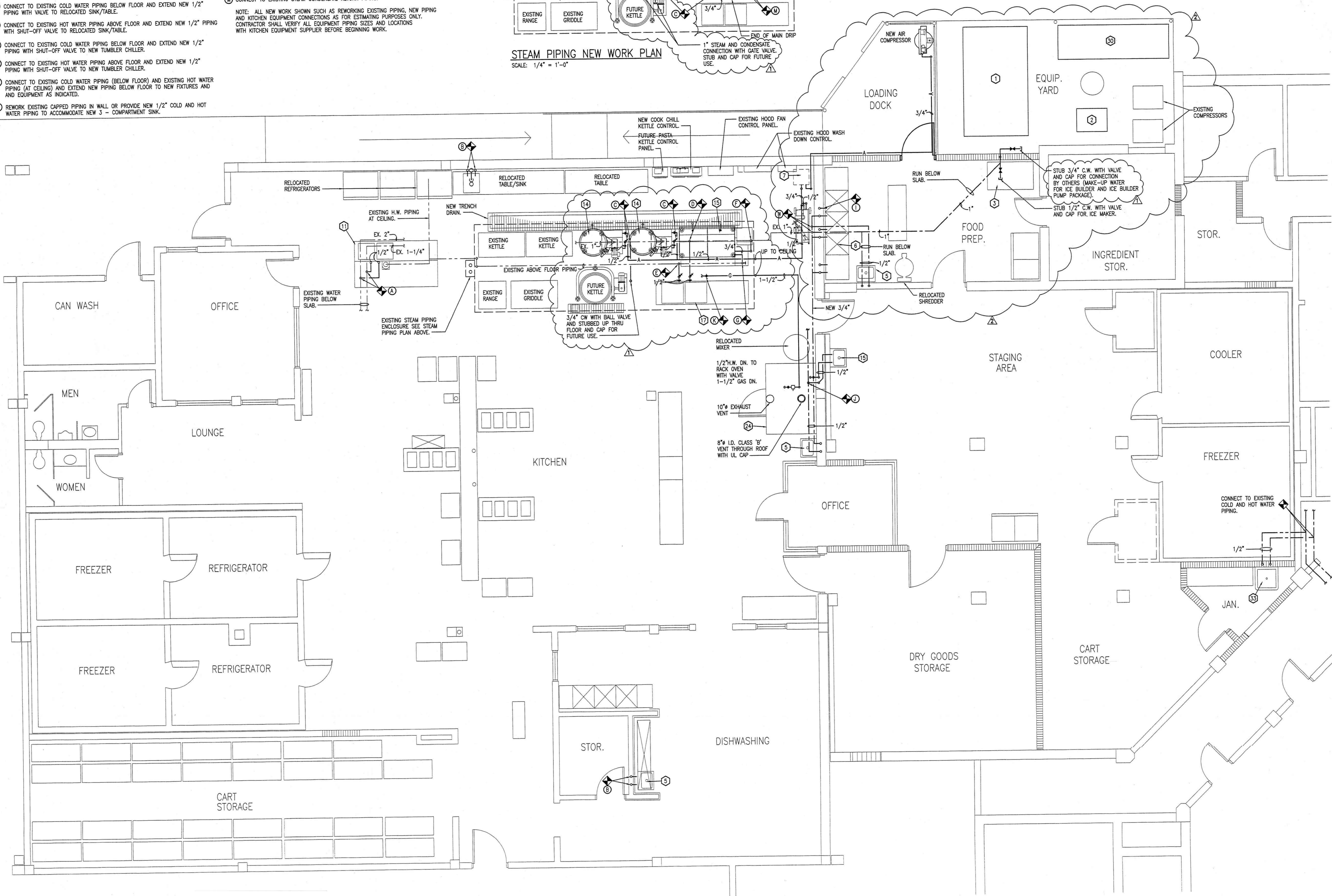
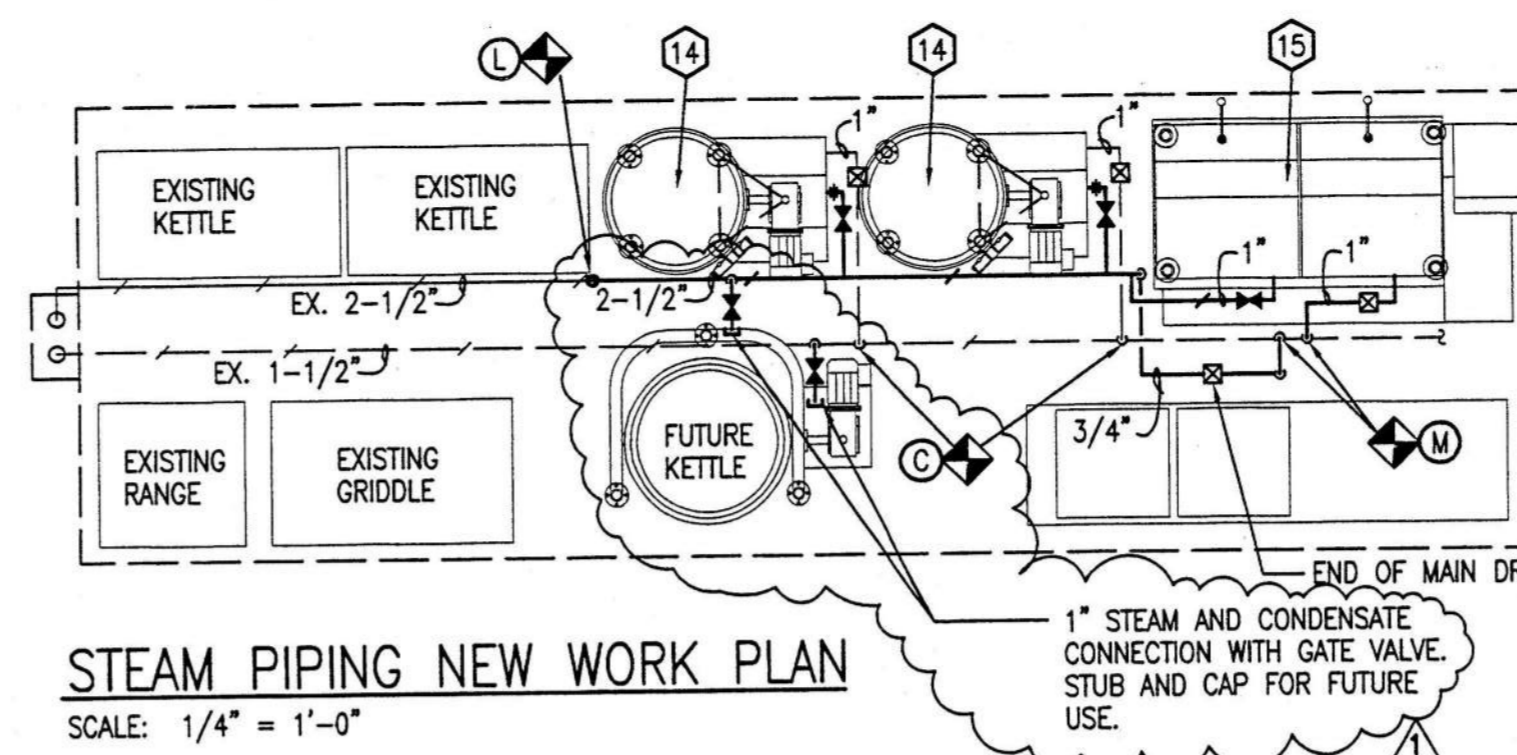
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NEW WORK KEY NOTES:

- A CONNECT TO EXISTING COLD AND HOT WATER PIPING BELOW SLAB AND EXTEND TO RELOCATED SINK/TABLE W/SHUT-OFF VALVE.
- B CONNECT TO EXISTING COLD AND HOT WATER PIPING IN WALL AND EXTEND TO RELOCATED SINK/TABLE.
- C CONNECT TO EXISTING COLD WATER PIPING BELOW FLOOR AND EXTEND NEW 3/4" PIPING WITH SHUT-OFF VALVE TO NEW KETTLE.
- D CONNECT TO EXISTING COLD WATER PIPING BELOW FLOOR AND EXTEND NEW 1/2" PIPING WITH VALVE TO RELOCATED SINK/TABLE.
- E CONNECT TO EXISTING HOT WATER PIPING ABOVE FLOOR AND EXTEND NEW 1/2" PIPING WITH SHUT-OFF VALVE TO RELOCATED SINK/TABLE.
- F CONNECT TO EXISTING COLD WATER PIPING BELOW FLOOR AND EXTEND NEW 1/2" PIPING WITH SHUT-OFF VALVE TO NEW TUMBLER CHILLER.
- G CONNECT TO EXISTING HOT WATER PIPING ABOVE FLOOR AND EXTEND NEW 1/2" PIPING WITH SHUT-OFF VALVE TO NEW TUMBLER CHILLER.
- H CONNECT TO EXISTING COLD WATER PIPING (BELOW FLOOR) AND EXISTING HOT WATER PIPING (AT CEILING) AND EXTEND NEW PIPING BELOW FLOOR TO NEW FIXTURES AND EQUIPMENT AS INDICATED.
- I REWORK EXISTING CAPPED PIPING IN WALL OR PROVIDE NEW 1/2" COLD AND HOT WATER PIPING TO ACCOMMODATE NEW 3 - COMPARTMENT SINK.

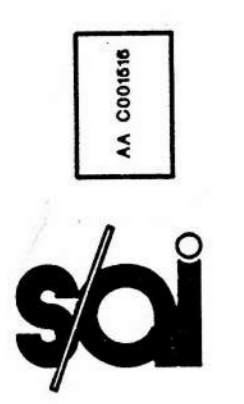
- J CONNECT TO EXISTING COLD WATER PIPING BELOW FLOOR AND EXTEND TO NEW SINKS AS INDICATED.
 - K CONNECT TO EXISTING 1-1/2" GAS PIPING AND EXTEND TO NEW RACK OVEN.
 - L CONNECT TO EXISTING STEAM PIPING AND EXTEND NEW PIPING FOR CONNECTION TO NEW EQUIPMENT.
 - M CONNECT TO EXISTING STEAM CONDENSATE RETURN PIPING.
- NOTE: ALL NEW WORK SHOWN SUCH AS REWORKING EXISTING PIPING, NEW PIPING AND KITCHEN EQUIPMENT CONNECTIONS AS FOR ESTIMATING PURPOSES ONLY. CONTRACTOR SHALL VERIFY ALL EQUIPMENT PIPING SIZES AND LOCATIONS WITH KITCHEN EQUIPMENT SUPPLIER BEFORE BEGINNING WORK.



NEW WORK PIPING PLAN - MAIN JAIL KITCHEN

SCALE 1/4" = 1'-0"

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project: central booking and detention facility
escambia county, florida

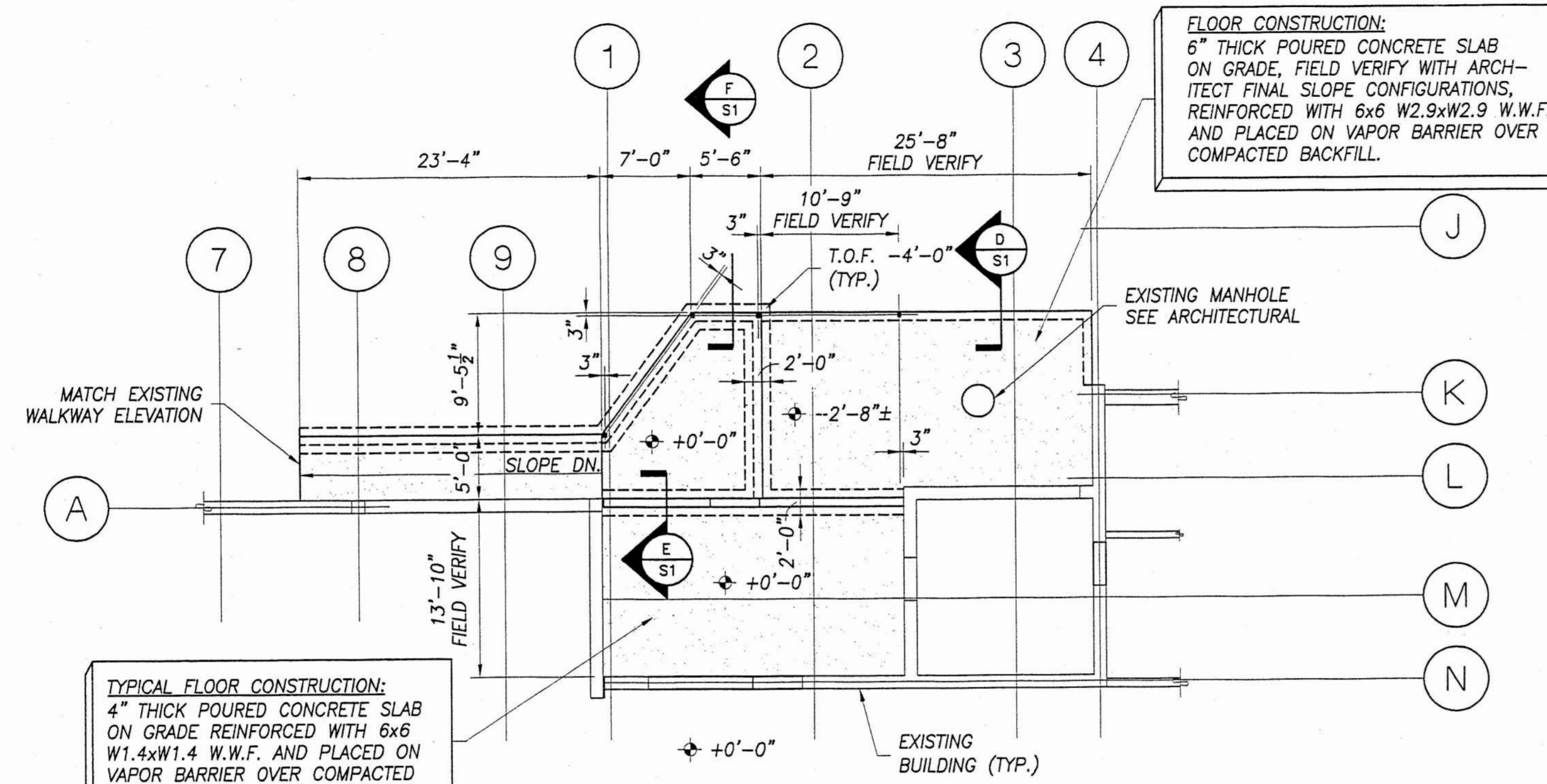
Sheet title: new work piping plan
main jail kitchen

revisions:
- 9/14/98
11/20/98

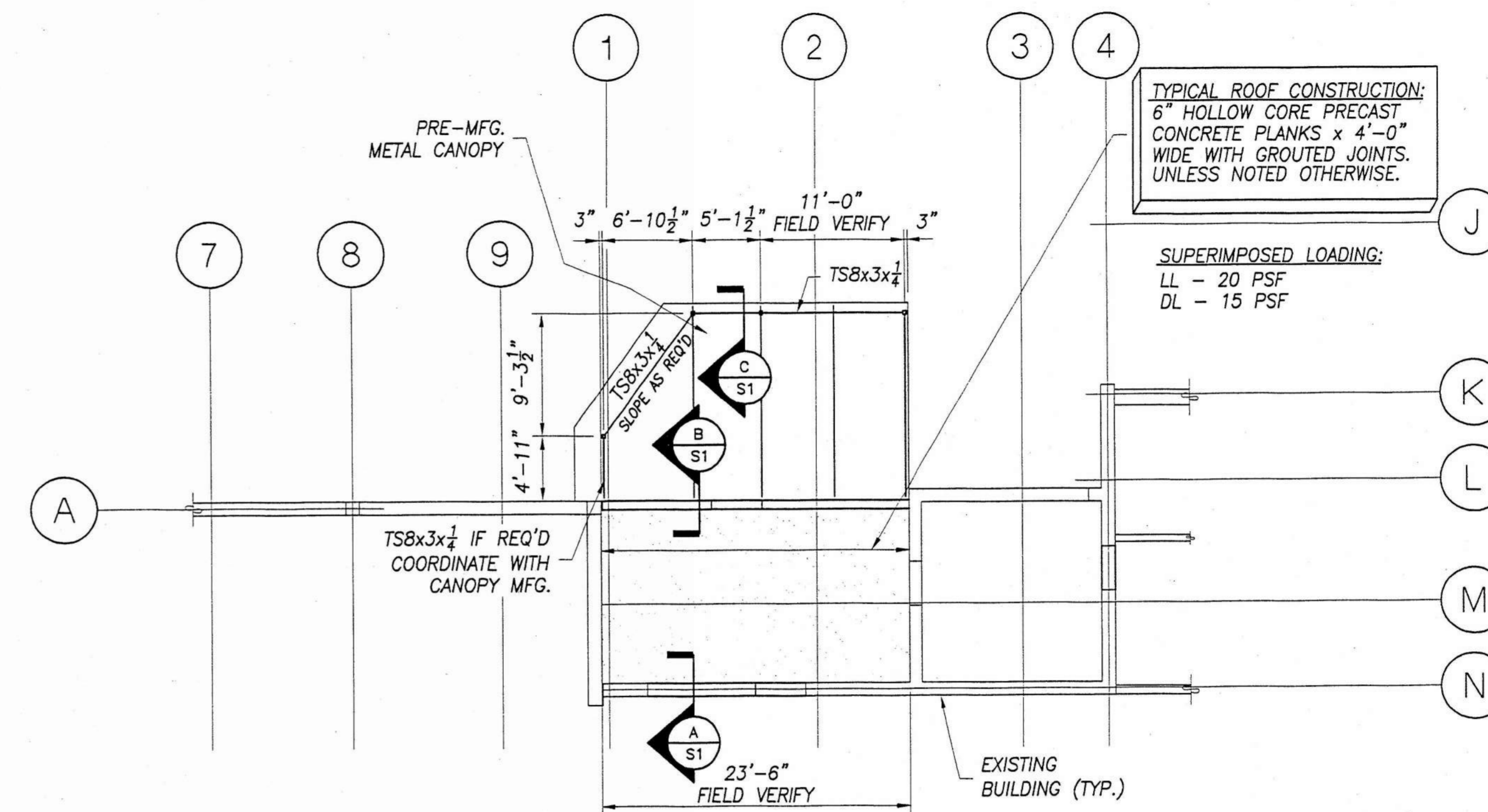
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date: 7/20/98
project no. 9705

KP-3

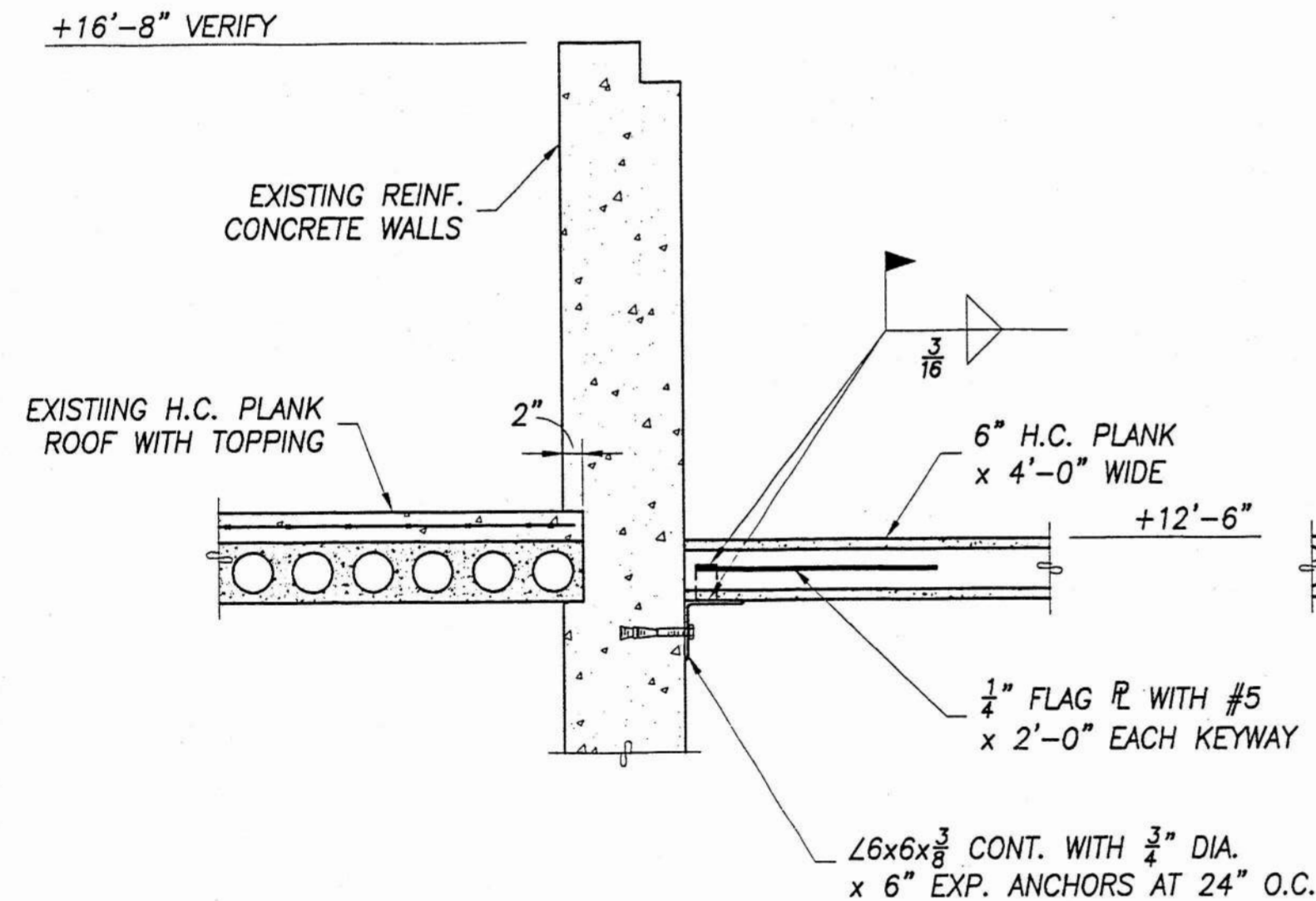
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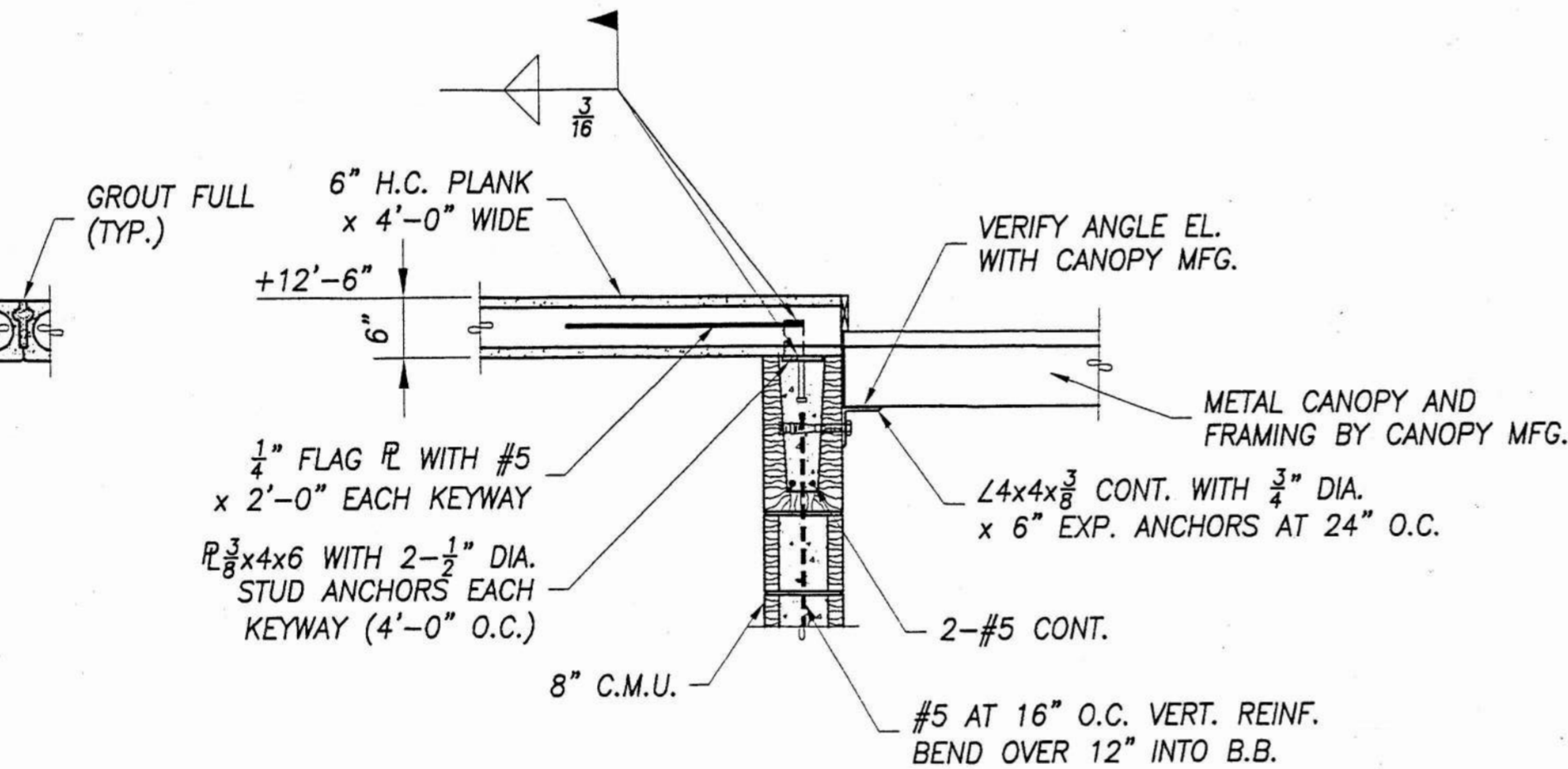
PARTIAL FOUNDATION PLAN
 $\frac{1}{8}'' = 1'-0''$



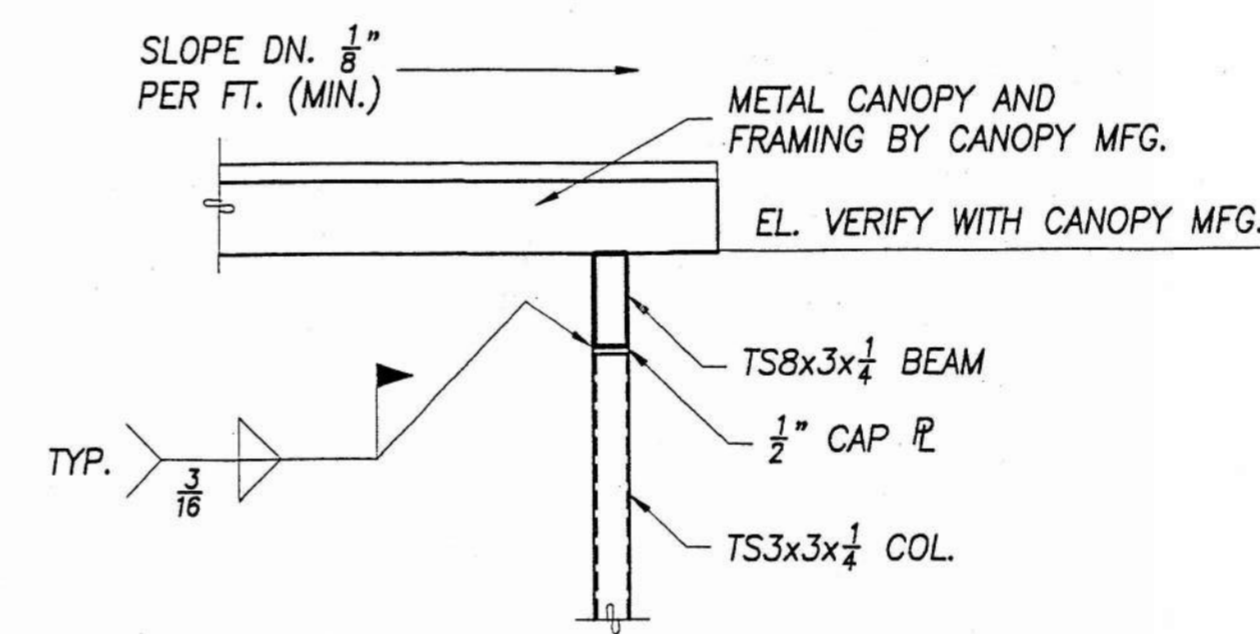
PARTIAL ROOF FRAMING PLAN
 $\frac{1}{8}'' = 1'-0''$



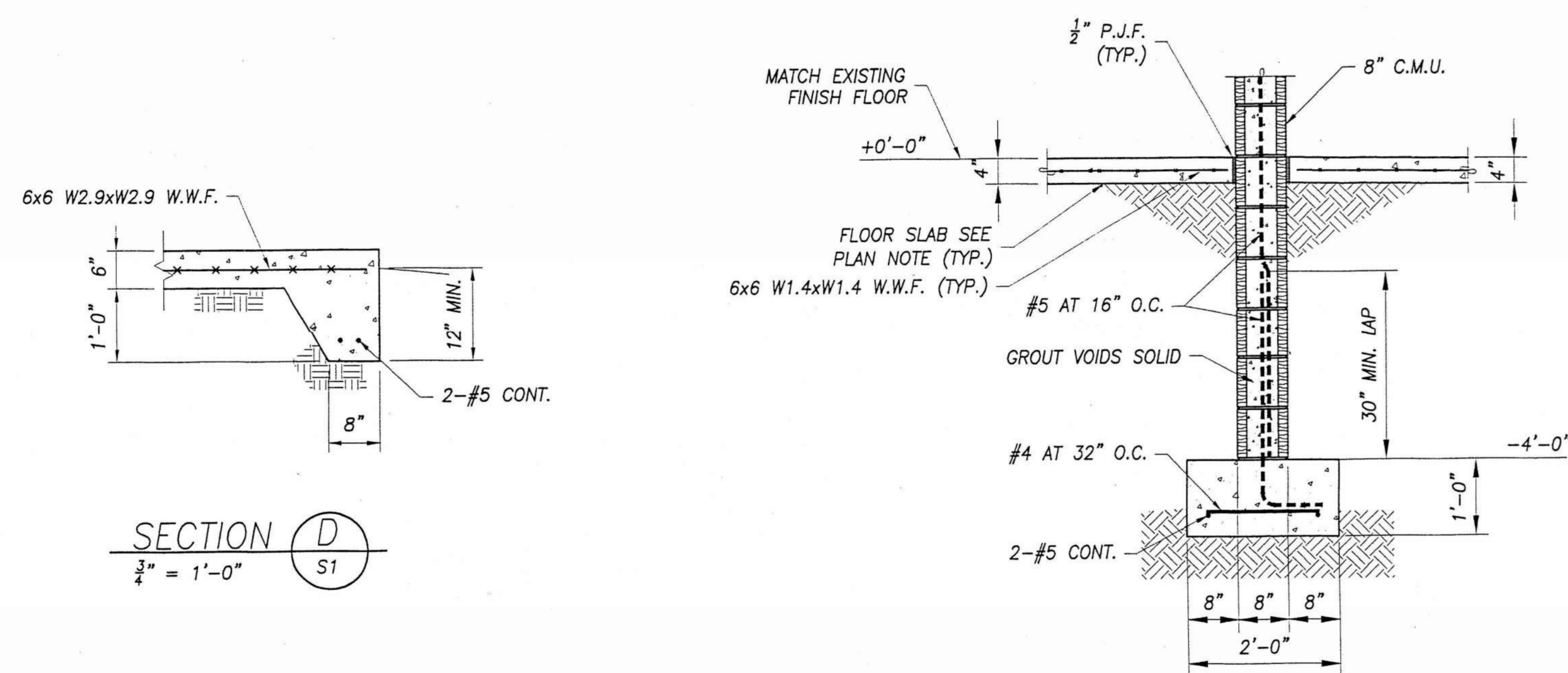
SECTION A
 $\frac{3}{4}'' = 1'-0''$



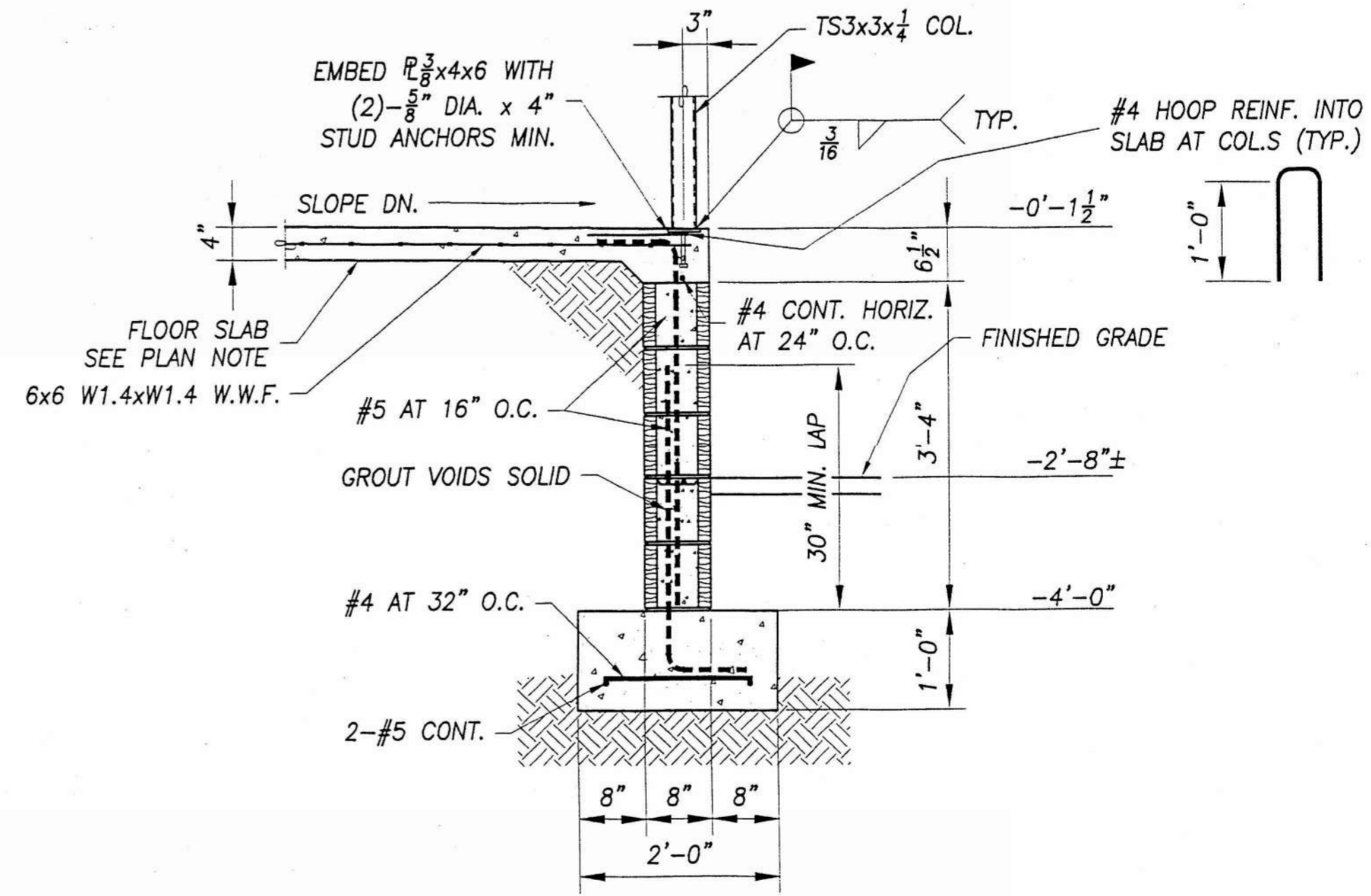
SECTION B
 $\frac{3}{4}'' = 1'-0''$



SECTION C
 $\frac{3}{4}'' = 1'-0''$



SECTION E
 $\frac{3}{4}'' = 1'-0''$



SECTION F
 $\frac{3}{4}'' = 1'-0''$

GENERAL NOTES:

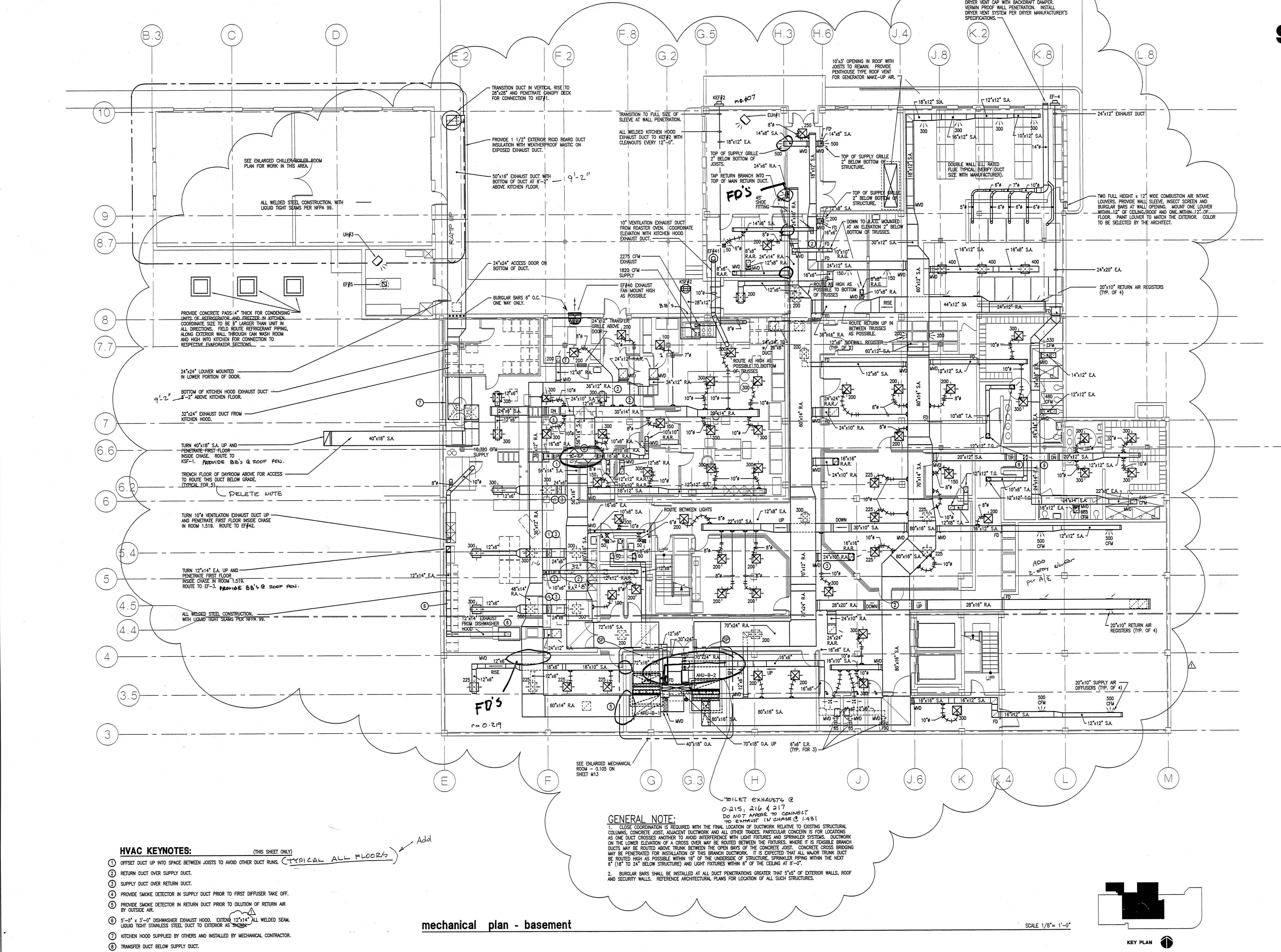
- 1. MATERIALS TO CONFORM TO THE FOLLOWING:
CONCRETE 3000 PSI AT 28 DAYS
PRECAST CONCRETE 5000 PSI AT 28 DAYS
REINFORCING BARS ASTM A615 - GRADE 60
STRUCTURAL STEEL ASTM A36
STEEL TUBE ASTM A500, GRADE B
WELDED WIRE FABRIC ASTM A185
CONCRETE BLOCK ASTM C90 (fm = 1500 PSI)

- 2. ELEVATIONS ARE REFERENCED + OR - FROM FINISHED FLOOR EQUAL TO +0'-0". SEE SITE PLAN FOR ELEVATION.
- 3. PROVIDE CORNER BARS FOR CONTINUOUS REINFORCING
- 4. DESIGN ALLOWABLE SOIL BEARING PRESSURE = 1000 PSF

LEGEND:

- P.J.F. - PRE-MOLDED JOINT FILLER
- C.M.U. - CONCRETE MASONRY UNIT
- DN. - DOWN
- O.C. - ON CENTER
- B.B. - BOND BEAM

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HVAC KEYNOTES: (THIS SHEET ONLY)

- 1. OFFSET DUCT UP INTO SPACE BETWEEN JOISTS TO AVOID OTHER DUCT RUNS. (TYPICAL ALL FLOORS)
- 2. RETURN DUCT OVER SUPPLY DUCT.
- 3. SUPPLY DUCT OVER RETURN DUCT.
- 4. PROVIDE SMOKE DETECTOR IN SUPPLY DUCT PRIOR TO FIRST DIFFUSER TAKE OFF.
- 5. PROVIDE SMOKE DETECTOR IN RETURN DUCT PRIOR TO DILUTION OF RETURN AIR BY OUTSIDE AIR.
- 6. 3'-0" x 3'-0" DISHWASHER EXHAUST HOOD. EXTEND 12"x14" ALL WELDED SEAM, LIQUID TIGHT STAINLESS STEEL DUCT TO EXTERIOR AS SHOWN.
- 7. KITCHEN HOOD SUPPLIED BY OTHERS AND INSTALLED BY MECHANICAL CONTRACTOR.
- 8. TRANSFER DUCT BELOW SUPPLY DUCT.
- 9. EXHAUST DUCT BLOW SUPPLY DUCT.

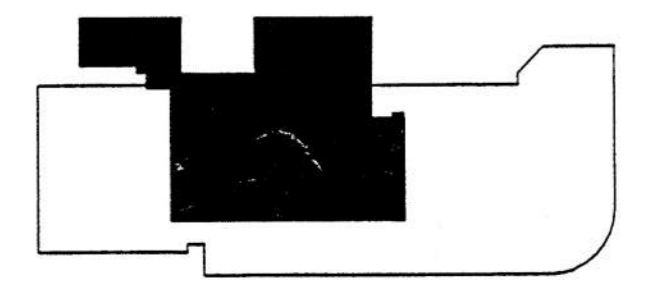
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2. BURGLAR BARS SHALL BE INSTALLED AT ALL DUCT PENETRATIONS GREATER THAN 5'-0" OF EXTERIOR WALLS, ROOF AND SECURITY WALLS. REFERENCE ARCHITECTURAL PLANS FOR LOCATION OF ALL SUCH STRUCTURES.

mechanical plan - basement

SCALE 1/8" = 1'-0"



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central booking and detention facility
escambia county, florida

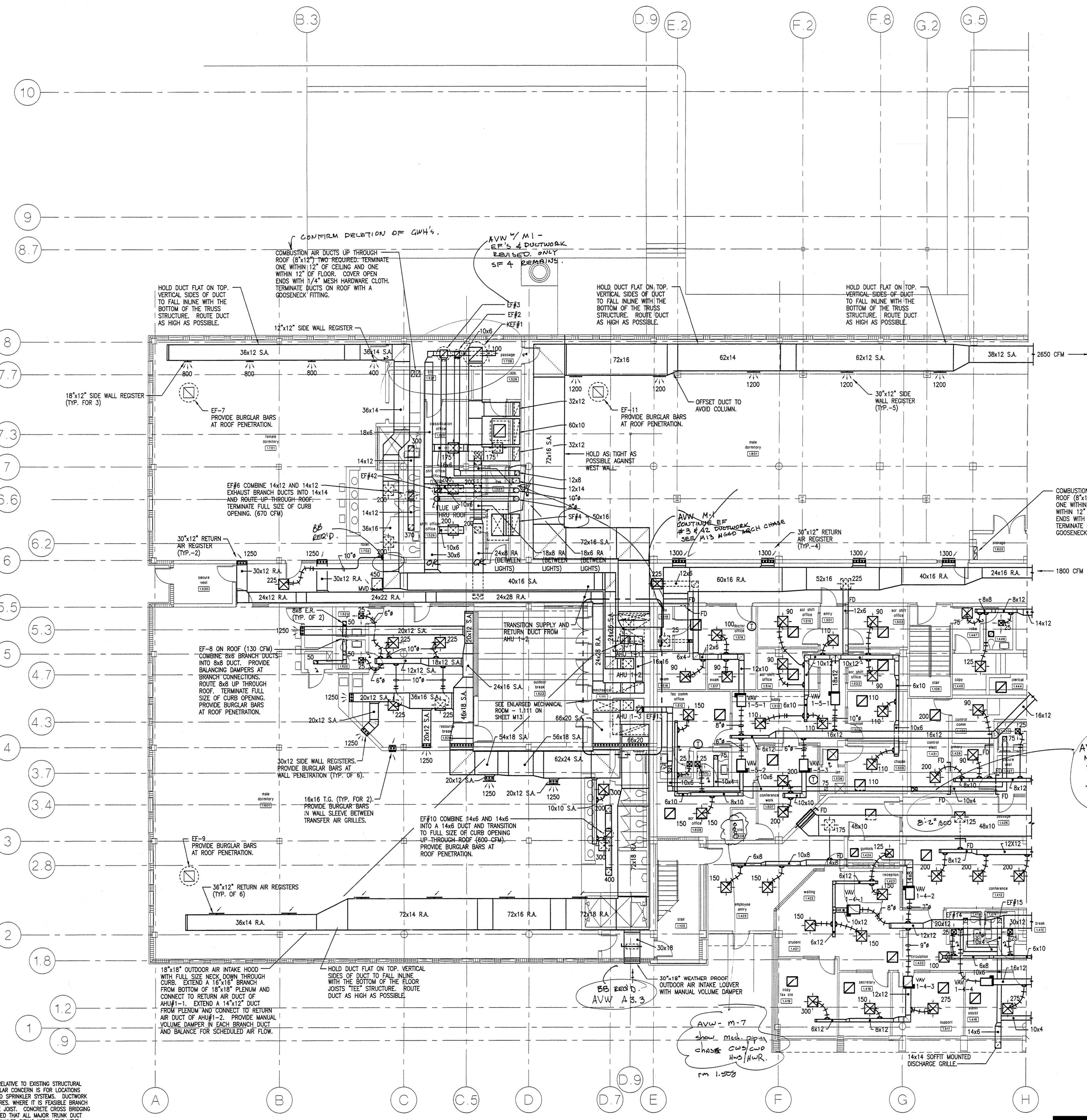
mechanical plan
basement

revisions:
A - 9/3/98

scale: as shown
 drawn: ML PETERS
 check: HM YONGE
 date: 8/11/98
 project no. 9705

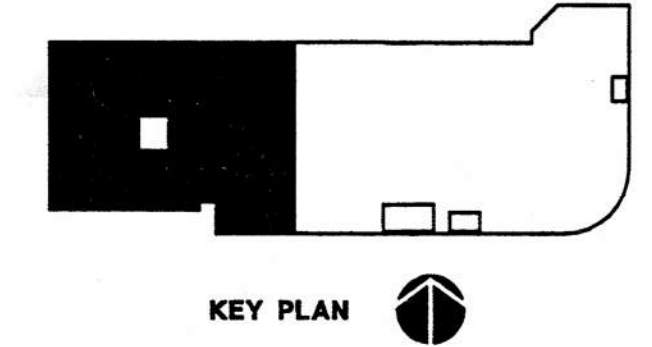
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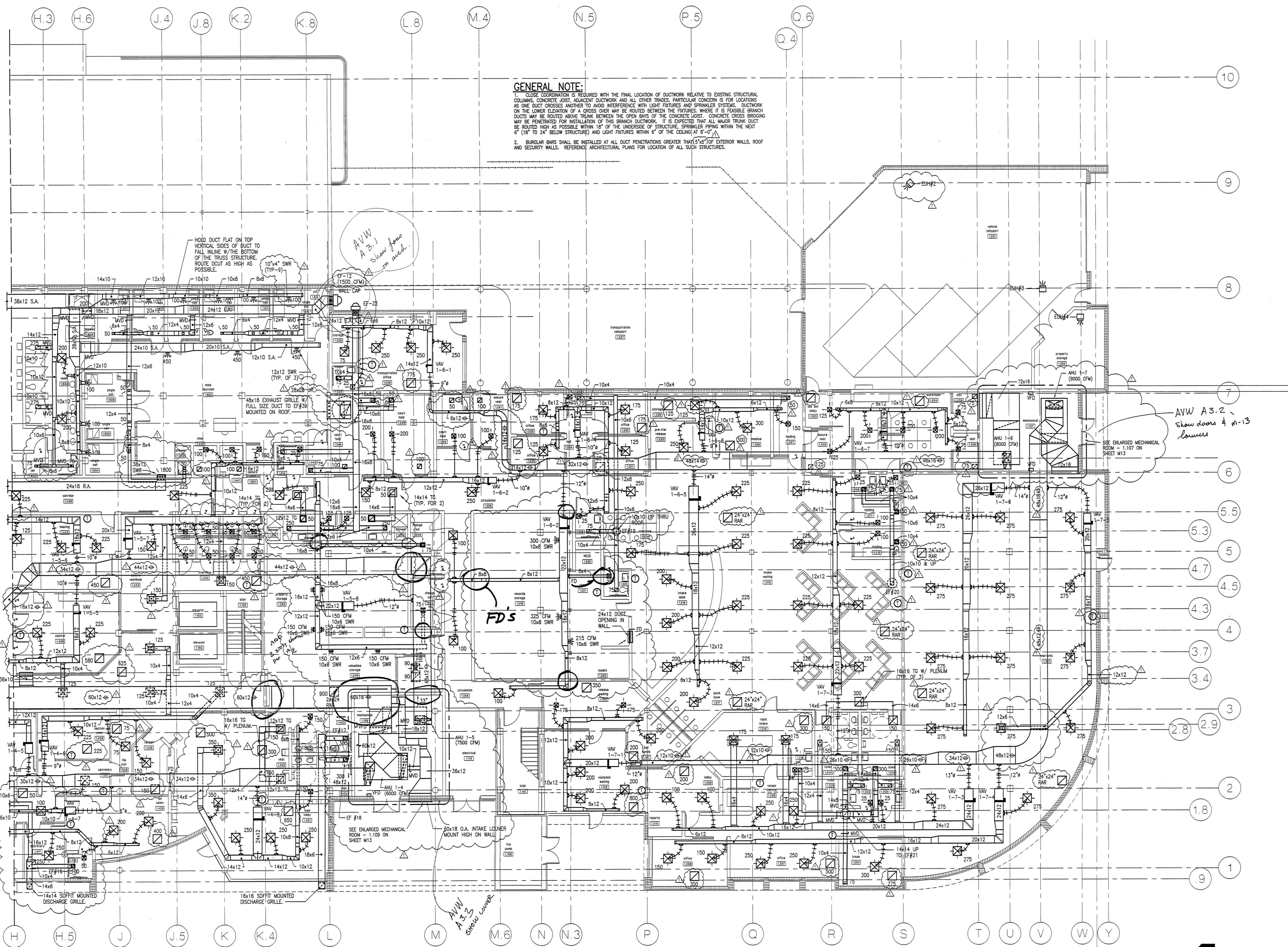
mechanical plan - west end - 1st floor

SCALE 1/8" = 1'-0"



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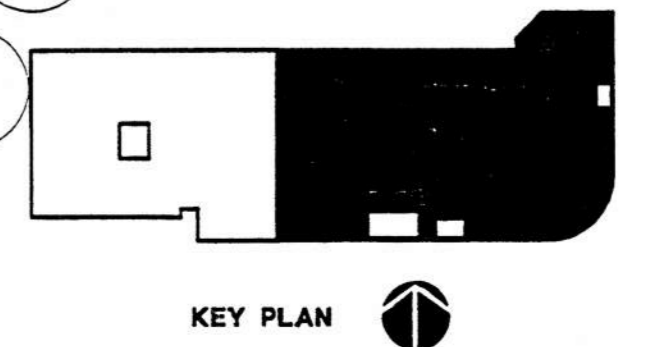
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 2. BURGLAR BARS SHALL BE INSTALLED AT ALL DUCT PENETRATIONS GREATER THAN 5'-6" OF EXTERIOR WALLS, ROOF AND SECURITY WALLS. REFERENCE ARCHITECTURAL PLANS FOR LOCATION OF ALL SUCH STRUCTURES.

mechanical plan - east end - 1st floor

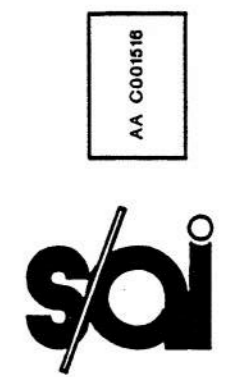
SCALE 1/8" = 1'-0"



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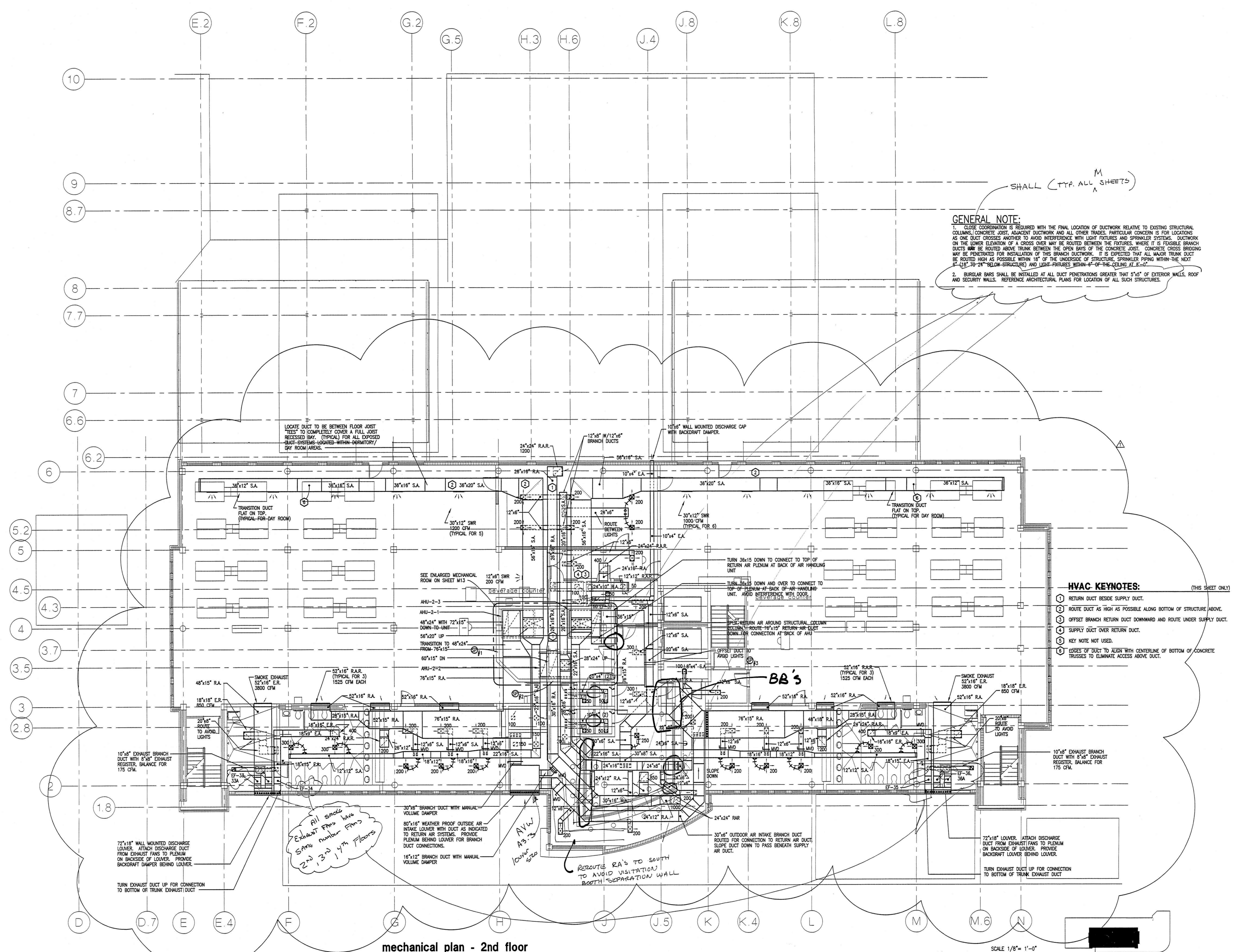
project: central booking and detention facility
 escambia county, florida
 sheet title: mechanical plan
 east end 1st floor
 revisions: - 9/3/98
 scale: as shown
 drawn: CG DAVIS
 check: HM YONGE
 date: 8/11/98
 project no. 9705

M-3



DWG. FILE NO. 97136M04.dwg
DESIGN BY: MJS
PLOT SCALE: 1/8" = 1'-0"
RELEASE VERSION: 14
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SHALL (TYP. ALL SHEETS)

- HVAC KEYNOTES:** (THIS SHEET ONLY)
- 1 RETURN DUCT BESIDE SUPPLY DUCT.
 - 2 ROUTE DUCT AS HIGH AS POSSIBLE ALONG BOTTOM OF STRUCTURE ABOVE.
 - 3 OFFSET BRANCH RETURN DUCT DOWNWARD AND ROUTE UNDER SUPPLY DUCT.
 - 4 SUPPLY DUCT OVER RETURN DUCT.
 - 5 KEY NOTE NOT USED.
 - 6 EDGES OF DUCT TO ALIGN WITH CENTERLINE OF BOTTOM OF CONCRETE TRUSSES TO ELIMINATE ACCESS ABOVE DUCT.

All Smoke Exhaust Fans have Same number Fans 2nd, 3rd, 4th Floors

AVU A3.23 Louver size

REROUTE RA'S TO SOUTH TO AVOID VISITATION TO SEPARATION WALL

mechanical plan - 2nd floor

SCALE 1/8" = 1'-0"



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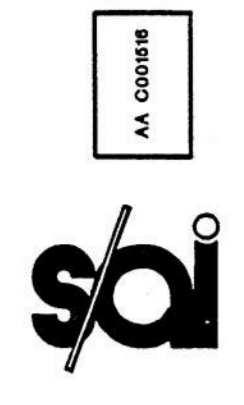
project: central booking and detention facility
escambia county, florida

Sheet title: mechanical plan
2nd floor

revisions:
- 9/3/98

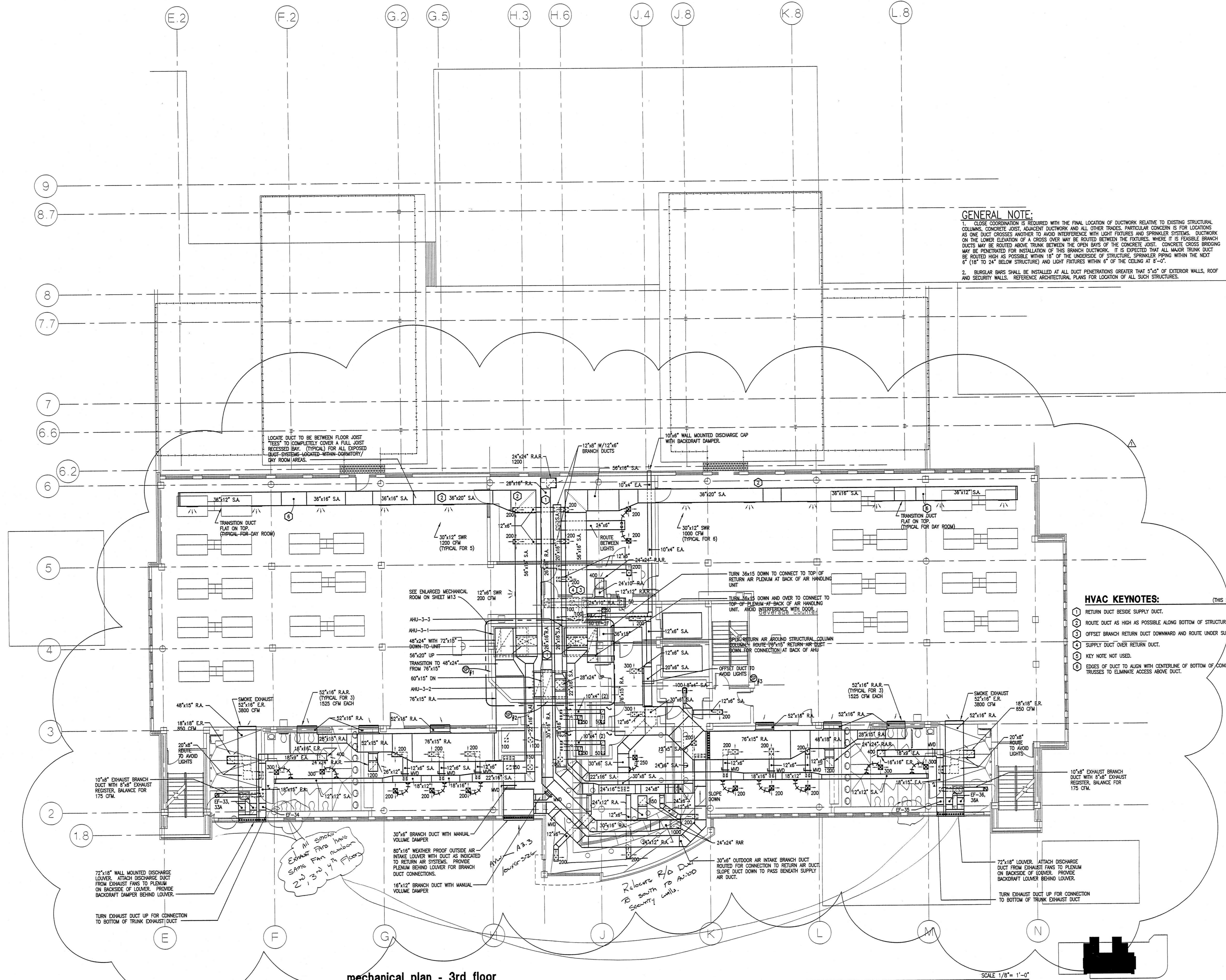
scale: as shown
drawn: ML PETERS
check: HM YONGE
date: 8/11/98
project no. 9705

M-4





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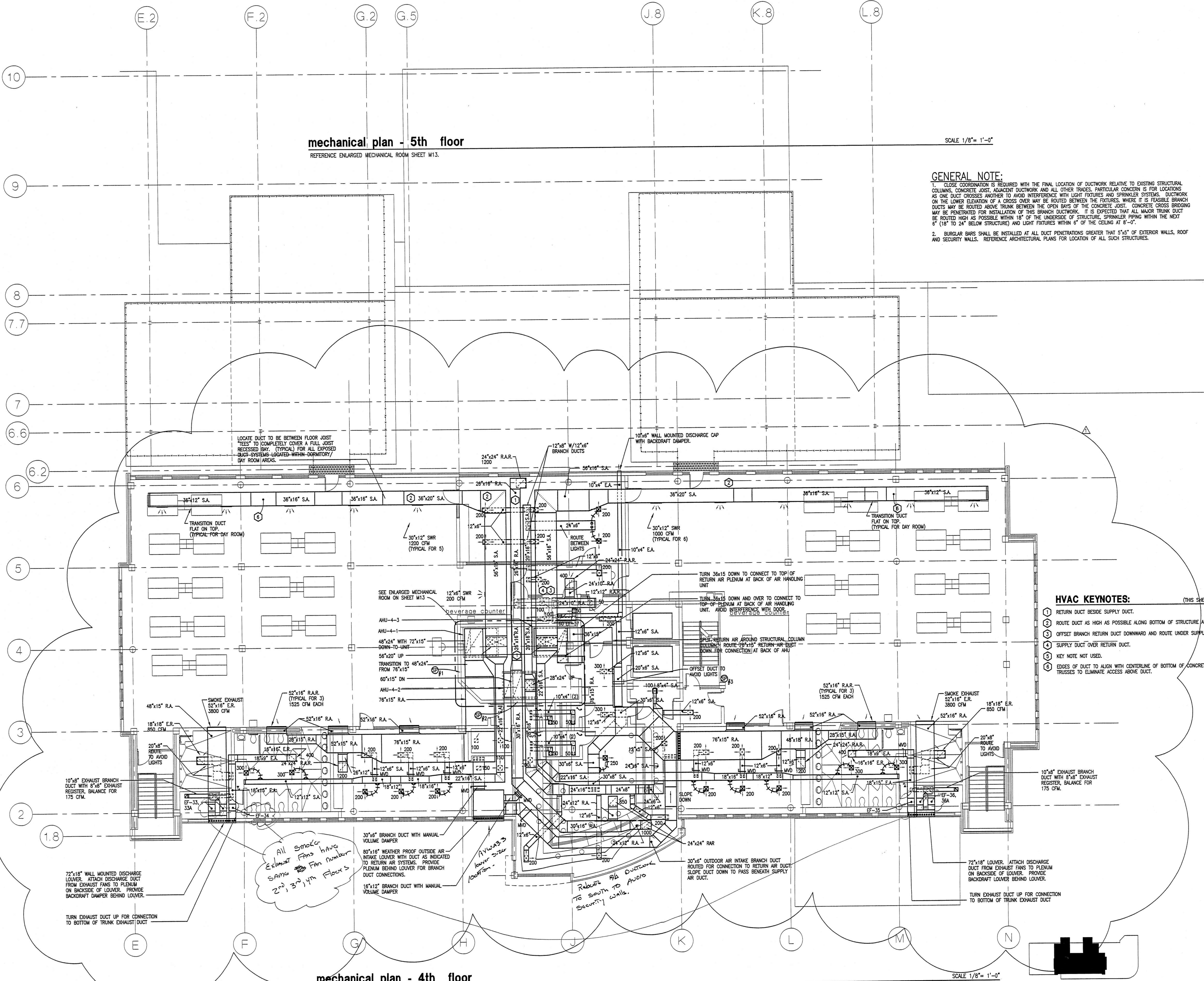


mechanical plan - 3rd floor

SCALE 1/8" = 1'-0"



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mechanical plan - 5th floor
REFERENCE ENLARGED MECHANICAL ROOM SHEET M13.

SCALE 1/8" = 1'-0"

GENERAL NOTE:
1. CLOSE COORDINATION IS REQUIRED WITH THE FINAL LOCATION OF DUCTWORK RELATIVE TO EXISTING STRUCTURAL COLUMNS, CONCRETE JOIST, ADJACENT DUCTWORK AND ALL OTHER TRADES. PARTICULAR CONCERN IS FOR LOCATIONS AS ONE DUCT CROSSES ANOTHER TO AVOID INTERFERENCE WITH LIGHT FIXTURES AND SPRINKLER SYSTEMS. DUCTWORK ON THE LOWER ELEVATION OF A CROSS OVER MAY BE ROUTED BETWEEN THE FIXTURES WHERE IT IS FEASIBLE BRANCH DUCTS MAY BE ROUTED ABOVE TRUNK BETWEEN THE OPEN BAYS OF THE CONCRETE JOIST. CONCRETE CROSS BRIDGING MAY BE PENETRATED FOR INSTALLATION OF THIS BRANCH DUCTWORK. IT IS EXPECTED THAT ALL MAJOR TRUNK DUCT BE ROUTED HIGH AS POSSIBLE WITHIN 18" OF THE UNDERSIDE OF STRUCTURE. SPRINKLER PIPING WITHIN THE NEXT 6" (18" TO 24" BELOW STRUCTURE) AND LIGHT FIXTURES WITHIN 6" OF THE CEILING AT 8'-0".
2. BURLGAR BARS SHALL BE INSTALLED AT ALL DUCT PENETRATIONS GREATER THAT 5'-6" OF EXTERIOR WALLS, ROOF AND SECURITY WALLS. REFERENCE ARCHITECTURAL PLANS FOR LOCATION OF ALL SUCH STRUCTURES.

- HVAC KEYNOTES:** (THIS SHEET ONLY)
- 1 RETURN DUCT BESIDE SUPPLY DUCT.
 - 2 ROUTE DUCT AS HIGH AS POSSIBLE ALONG BOTTOM OF STRUCTURE ABOVE.
 - 3 OFFSET BRANCH RETURN DUCT DOWNWARD AND ROUTE UNDER SUPPLY DUCT.
 - 4 SUPPLY DUCT OVER RETURN DUCT.
 - 5 KEY NOTE NOT USED.
 - 6 EDGES OF DUCT TO ALIGN WITH CENTERLINE OF BOTTOM OF CONCRETE TRUSSES TO ELIMINATE ACCESS ABOVE DUCT.

All Smoke Exhaust Fans have same Fan Number 2nd, 3rd, 4th Floors

Relocate R/A Ductwork to south to Avoid Security walls.

mechanical plan - 4th floor

SCALE 1/8" = 1'-0"

KEY PLAN



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project: central booking and detention facility
escambia county, florida

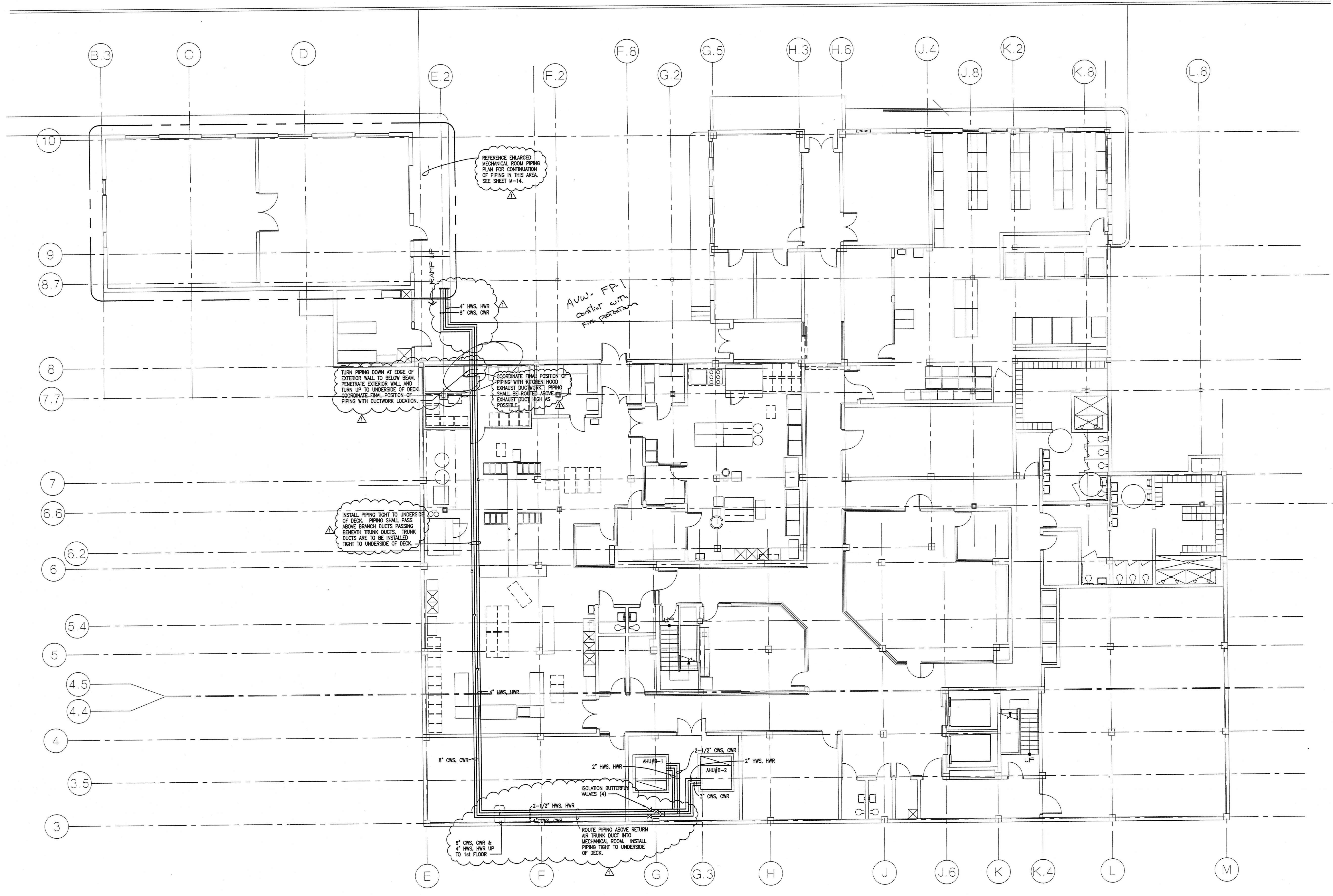
sheet title: mechanical plan
4th and 5th floor

revisions:
- 9/3/98

scale: as shown
drawn: ML PTERS
check: HM YONGE
date: 8/11/98
project no. 9705

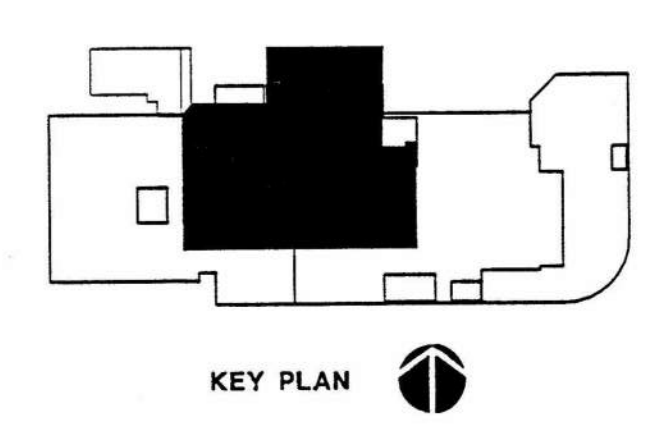
M-6

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hvac piping plan - basement

SCALE 1/8" = 1'-0"

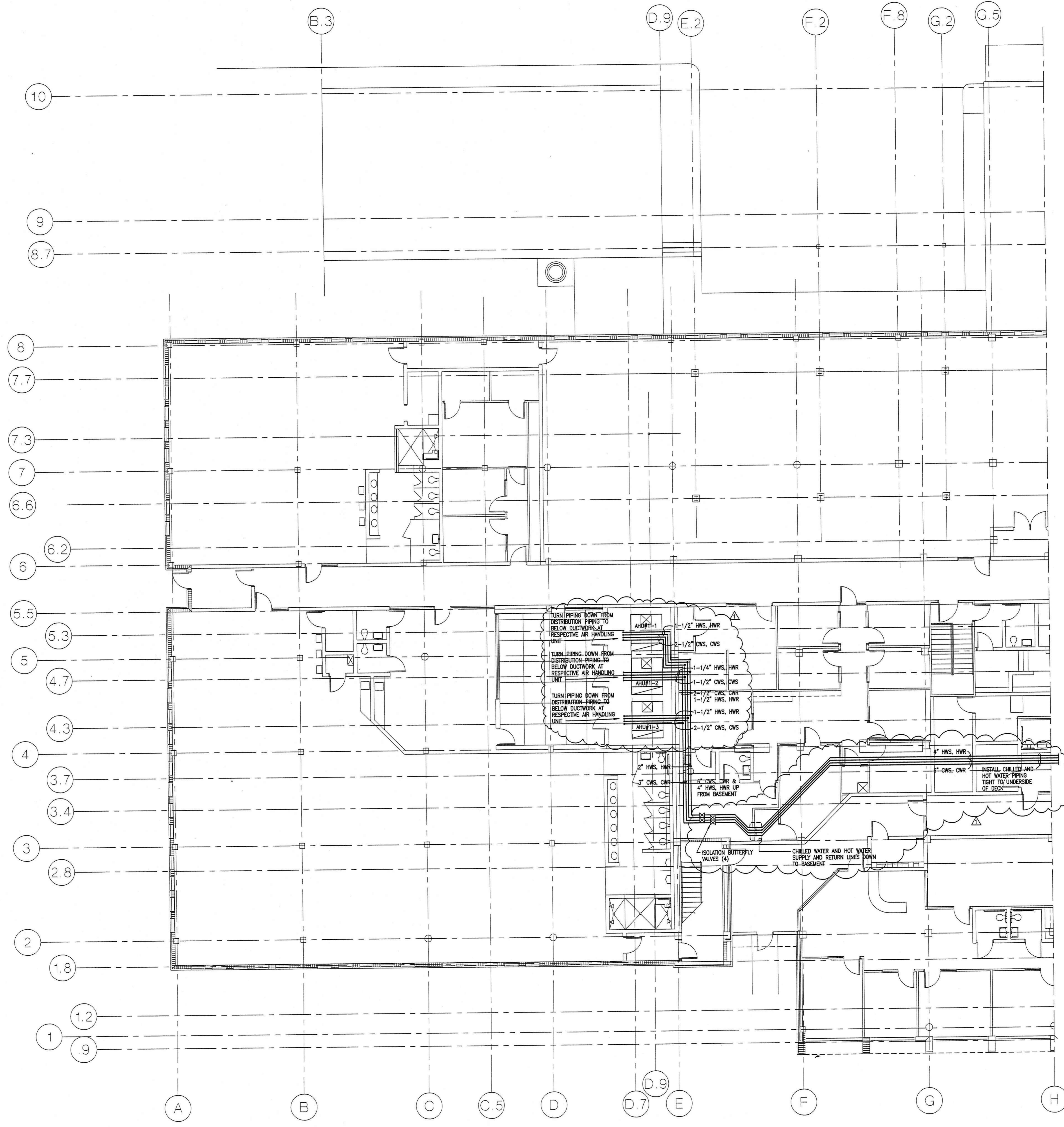


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 project: central booking and detention facility
 escambia county, florida
 sheet title: hvac piping plan
 basement
 revisions: 8/11/98
 scale: as shown
 drawn: TJ MITCHELL
 check: HM YONGE
 date: 8/11/98
 project no. 9705

M-7

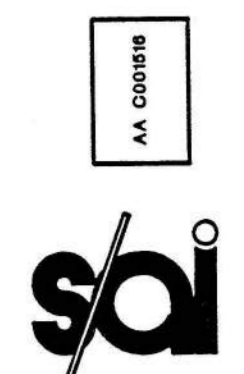
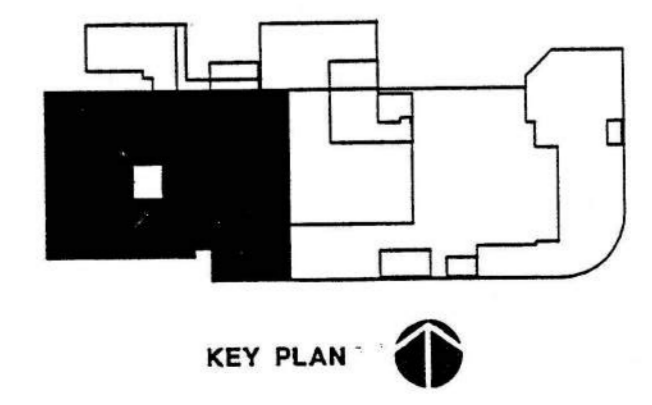
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hvac piping plan - west end - 1st floor

SCALE 1/8" = 1'-0"



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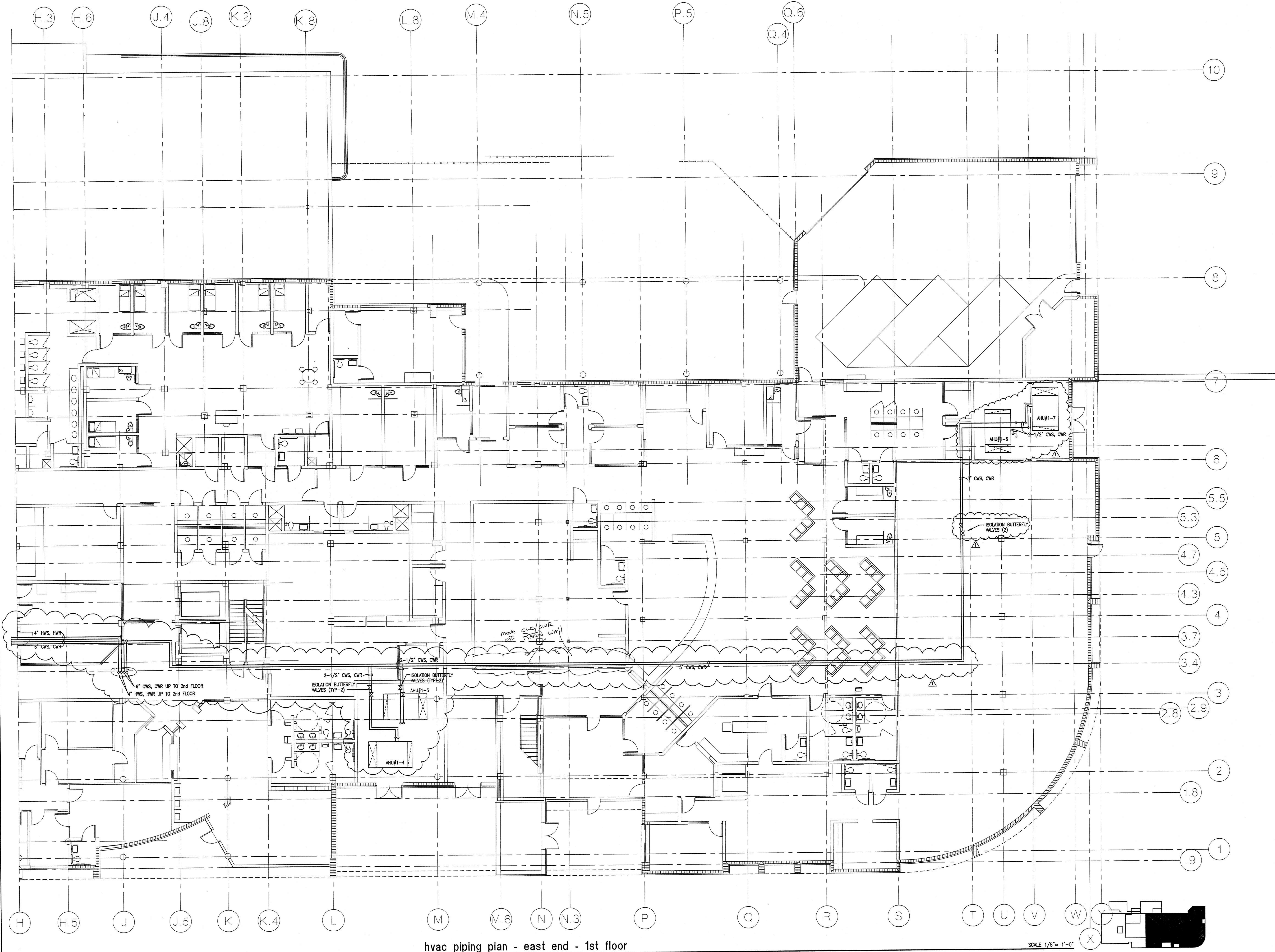
project: central booking and detention facility
 escambia county, florida

sheet title: hvac piping plan
 west end 1st floor

revisions:
 Δ - 8/3/98

scale: as shown
 drawn: TJ MITCHELL
 check: HM YONGE
 date: 8/11/98
 project no. 9705

M-8



hvac piping plan - east end - 1st floor

SCALE 1/8" = 1'-0"

KEY PLAN



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sheet title:

hvac piping plan
east end 1st floor

revisions:

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scale:

as shown

drawn:

TJ MITCHELL

check:

HM YONGE

date:

8/11/98

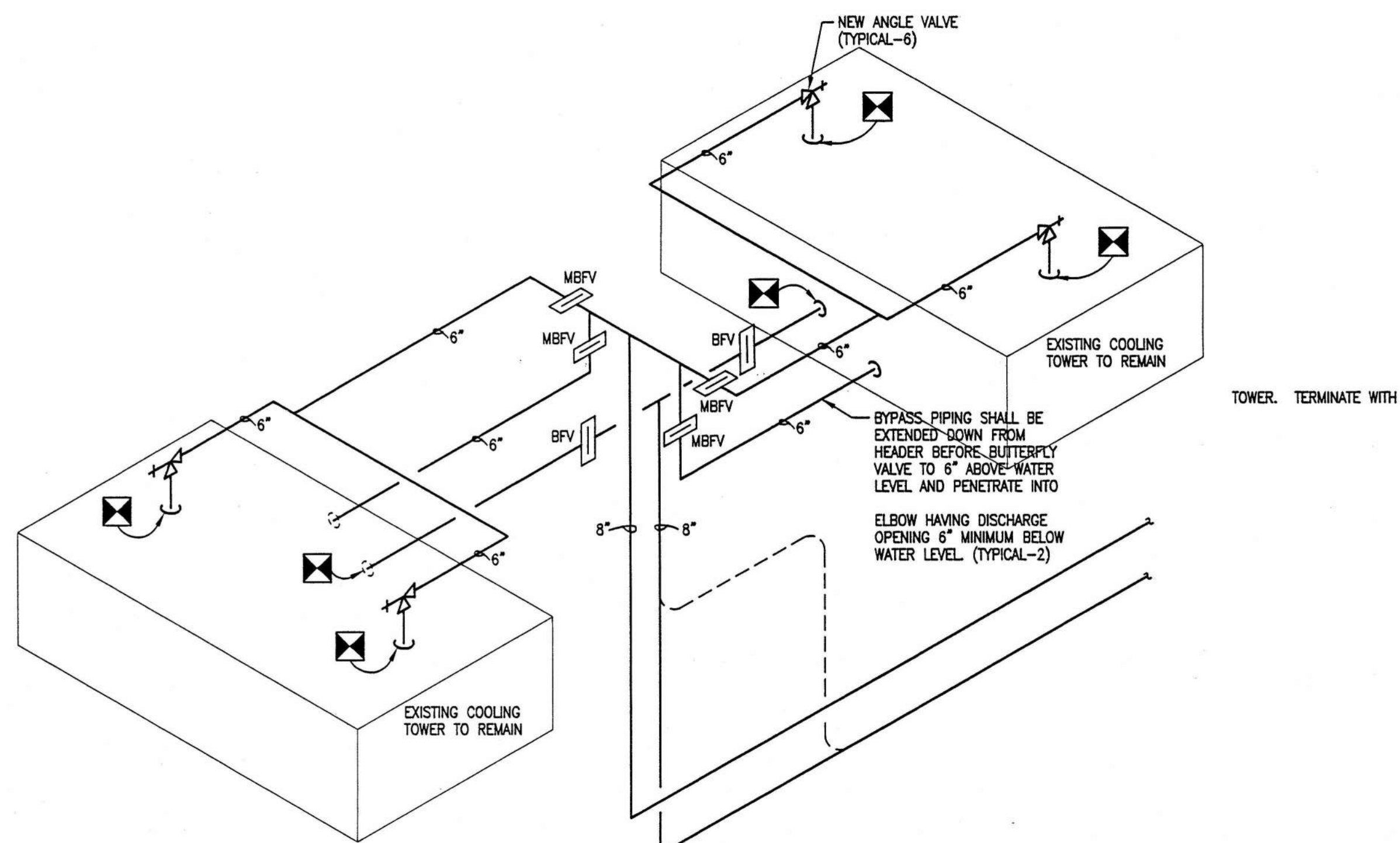
project no.:

9705

project:

central booking and detention facility
escambia county, florida

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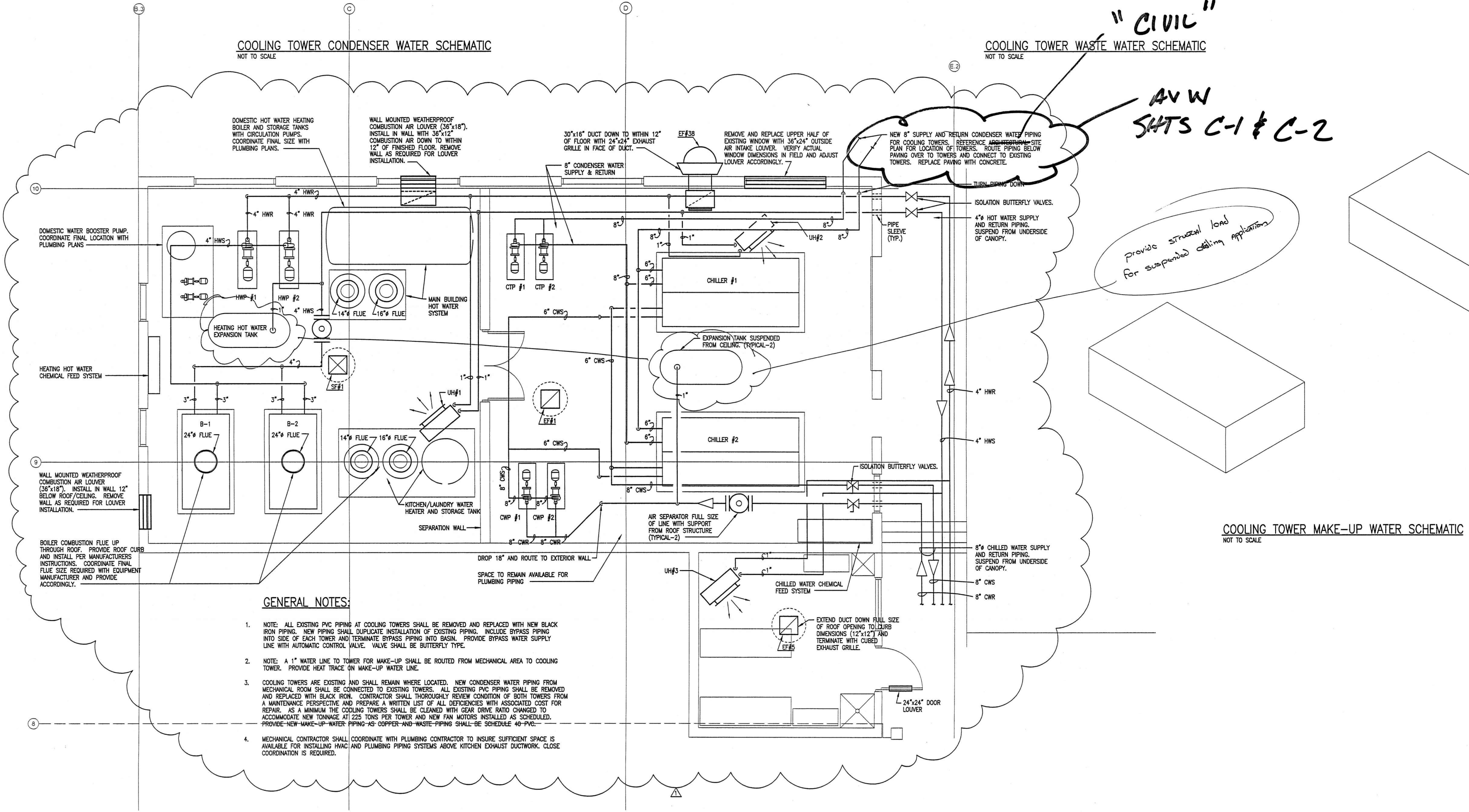
COOLING TOWER WASTE WATER SCHEMATIC
 NOT TO SCALE

REVISE WORDING

"CIVIL"

AV W
 SHTS C-1 & C-2

provide structural load
 for suspended ceiling applications



COOLING TOWER CONDENSER WATER SCHEMATIC
 NOT TO SCALE

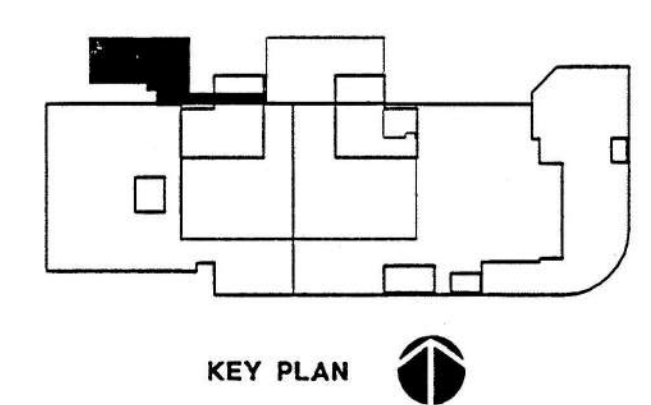
COOLING TOWER MAKE-UP WATER SCHEMATIC
 NOT TO SCALE

GENERAL NOTES:

- NOTE: ALL EXISTING PVC PIPING AT COOLING TOWERS SHALL BE REMOVED AND REPLACED WITH NEW BLACK IRON PIPING. NEW PIPING SHALL DUPLICATE INSTALLATION OF EXISTING PIPING. INCLUDE BYPASS PIPING INTO SIDE OF EACH TOWER AND TERMINATE BYPASS PIPING INTO BASIN. PROVIDE BYPASS WATER SUPPLY LINE WITH AUTOMATIC CONTROL VALVE. VALVE SHALL BE BUTTERFLY TYPE.
- NOTE: A 1" WATER LINE TO TOWER FOR MAKE-UP WATER SHALL BE ROUTED FROM MECHANICAL AREA TO COOLING TOWER. PROVIDE HEAT TRACE ON MAKE-UP WATER LINE.
- COOLING TOWERS ARE EXISTING AND SHALL REMAIN WHERE LOCATED. NEW CONDENSER WATER PIPING FROM MECHANICAL ROOM SHALL BE CONNECTED TO EXISTING TOWERS. ALL EXISTING PVC PIPING SHALL BE REMOVED AND REPLACED WITH BLACK IRON. CONTRACTOR SHALL THOROUGHLY REVIEW CONDITION OF BOTH TOWERS FROM A MAINTENANCE PERSPECTIVE AND PREPARE A WRITTEN LIST OF ALL DEFICIENCIES WITH ASSOCIATED COST FOR REPAIR. AS A MINIMUM THE COOLING TOWERS SHALL BE CLEANED WITH GEAR DRIVE RATIO CHANGED TO ACCOMMODATE NEW TONNAGE AT 225 TONS PER TOWER AND NEW FAN MOTORS INSTALLED AS SCHEDULED. PROVIDE NEW MAKE-UP WATER PIPING AS COPPER AND WASTE PIPING SHALL BE SCHEDULE 40 PVC.
- MECHANICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR TO INSURE SUFFICIENT SPACE IS AVAILABLE FOR INSTALLING HVAC AND PLUMBING PIPING SYSTEMS ABOVE KITCHEN EXHAUST DUCTWORK. CLOSE COORDINATION IS REQUIRED.

enlarged chiller/boiler room plan - basement

SCALE 1/4" = 1'-0"



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project: central booking and detention facility
 escambia county, florida

sheet title: enlarged chiller/boiler room
 plan - basement

revisions:
 Δ - 9/3/98

scale: as shown
 drawn: CG DAVIS
 check: HM YONGE
 date: 8/11/98
 project no. 9705

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*CWP-2, HWP-2 & CTP-2
Please Schedule
Notes E-3, E-4, E-5
Notes M-1, M-2, M-3*

CIRCULATING PUMP SCHEDULE

MARK	CAPACITY GPM	TDH FT.	MAX RPM	MOTOR HP	TYPE PUMP	ELECTRICAL DATA			REMARKS
						VOLTS	HZ	PHASE	
CWP-1	1110	65	1750	25	BASE MOUNTED	480	60	3	DUPLICATE FOR CWP-2
HWP-1	310	55	1750	7.5	BASE MOUNTED	480	60	3	DUPLICATE FOR HWP-2
CTP-1	1400	50	1750	25	BASE MOUNTED	480	60	3	DUPLICATE FOR CTP-2

ELECTRIC UNIT HEATER SCHEDULE

EJH No.	KW EA.	TOTAL BTU/HR EACH	CFM EACH	MOTOR HP EACH	ELECTRICAL			REMARKS
					VOLTS	HZ	PHASE	
1	5.0	17,100	400	1/25	480	60	3	
2 & 3	7.5	25,600	650	1/20	480	60	3	
4	2.0	6,800	250	1/25	480	60	3	
5	5.0	17100	400	1/25	208	60	3	

HOT WATER UNIT HEATER SCHEDULE

MARK NO.	CFM	THROW	LWT	LWT	ENT AIR	HEATING BTUH	GPM	MAX WPD	MOTOR HP	ELECTRICAL DATA			REMARKS	
										VOLTS	HZ	PHASE		
UH#1	450	15'	180°F	160°F	160°F	65°F	18,000	1.8	5'	1/30	120	60	1	PROVIDE W/ T-STAT SET @ 50°F
UH#2	450	15'	180°F	160°F	160°F	65°F	18,000	1.8	5'	1/30	120	60	1	PROVIDE W/ T-STAT SET @ 50°F
UH#3	450	15'	180°F	160°F	160°F	65°F	18,000	1.8	5'	1/30	120	60	1	PROVIDE W/ T-STAT SET @ 50°F

WATER CHILLER SCHEDULE

MARK	MIN. CAPACITY TONS	MAX. KW/TON	EVAPORATOR			WATER COOLED CONDENSER			ELECTRICAL			REMARKS				
			ENT. WATER	LVG. WATER	GPM	MAX DP	FOULING FACTOR	ENT	LVG	GPM	MAX DP		FOULING FACTOR	VOLTS	HZ	PHASE
CH-1	230	0.63	55°F	45°F	555	20 FT.	.00025	85°F	95°F	675	14 FT.	.00025	480	60	3	
CH-2	230	0.63	55°F	45°F	555	20 FT.	.00025	85°F	95°F	675	14 FT.	.00025	480	60	3	

AIR HANDLING UNIT SCHEDULE

MARK	AHU #	AIR DATA			COOLING CAPACITY						CHILLED WATER			HOT WATER HEATING			MAX. VELOCITY (FPM)	AREA SERVED	ELECTRICAL DATA			REMARKS							
		TOTAL CFM	OA CFM	ESP	ESP	TSP	MOTOR HP	EDB	EWB	WB	LWB	TOTAL BTU/HR	SENSIBLE BTU/HR	ENT	LVG	GPM			MAX DP	FOULING FACTOR	ENT		LVG	GPM	MAX DP	FOULING FACTOR	VOLTS	HZ	PHASE
B-1	9,000	4000	1.5	3.4	10.5	85.5	70.7	53.8	53.0	*515,000	*308,000	45	55	103	10'	2" THROWAWAY 30% EFF.	180	160	20	7.0	200,000	550	2000	350	BASEMENT KITCHEN	480	60	3	CONSTANT VOLUME (*) HORIZONTAL DRAW-THRU
B-2	12,500	5100	2.0	3.8	15.0	85.0	70.4	54.9	54.1	*656,000	*406,000	45	55	131	10'	2" THROWAWAY 30% EFF.	180	160	27	7.0	270,000	550	2000	350	BASEMENT LAUNDRY	480	60	3	CONSTANT VOLUME (*) HORIZONTAL DRAW-THRU
1-1	9,250	1100	1.5	3.6	15.0	80.0	66.6	55.1	54.3	355,000	198,500	45	55	71	10'	2" THROWAWAY 30% EFF.	180	160	30	7.0	300,000	550	2000	350	DORMITORY	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
1-2	4,500	700	1.5	3.0	10.0	80.6	67.6	55.5	54.7	180,000	122,000	45	55	36	10'	2" THROWAWAY 30% EFF.	180	160	10	7.0	100,000	550	2000	350	DORMITORY	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
1-3	9,000	900	1.3	3.4	15.0	80.0	66.6	55.5	54.7	303,500	238,000	45	55	60	10'	2" THROWAWAY 30% EFF.	180	160	25	7.0	250,000	550	2000	350	DORMITORY	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
1-4	6,000	900	1.5	3.6	7.5	80.6	67.1	54.1	53.3	255,000	172,000	45	55	51	10'	30% PRE-FILTER 65% FINAL FILTER	---	---	---	---	---	550	2000	350	ADMINISTRATIVE OFFICES	480	60	3	VARIABLE VOLUME HORIZONTAL DRAW-THRU
1-5	7,500	900	1.3	3.4	10.0	80.0	66.7	54.5	53.7	300,000	207,000	45	55	60	10'	30% PRE-FILTER 65% FINAL FILTER	---	---	---	---	---	550	2000	350	ADMINISTRATIVE OFFICES	480	60	3	VARIABLE VOLUME HORIZONTAL DRAW-THRU
1-6	8,000	900	1.5	3.6	10.0	79.9	67.8	54.3	53.5	321,000	222,000	45	55	65	10'	30% PRE-FILTER 65% FINAL FILTER	---	---	---	---	---	550	2000	350	ADMINISTRATIVE OFFICES	480	60	3	VARIABLE VOLUME HORIZONTAL DRAW-THRU
1-7	9,000	1,100	1.5	3.6	10.0	80.1	66.7	54.1	53.3	370,000	253,000	45	55	74	10'	30% PRE-FILTER 65% FINAL FILTER	---	---	---	---	---	550	2000	350	ADMINISTRATIVE OFFICES	480	60	3	VARIABLE VOLUME HORIZONTAL DRAW-THRU
2-1	7,900	1250	1.6	3.6	10.0	80.1	66.7	55.5	54.7	296,500	209,900	45	55	59	10'	2" THROWAWAY 30% EFF.	180	160	26	7.0	260,000	550	2000	350	DORMITORY	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
2-2	5,000	750	1.4	3.4	5.0	80.6	67.0	55.1	54.3	198,900	137,700	45	55	40	10'	2" THROWAWAY 30% EFF.	180	160	14	7.0	140,000	550	2000	350	PROCESSING	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
2-3	7,900	1250	1.6	3.6	10.0	80.1	66.7	55.5	54.7	296,500	209,900	45	55	59	10'	2" THROWAWAY 30% EFF.	180	160	26	7.0	260,000	550	2000	350	DOMITORY	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
3-1	7,900	1250	1.6	3.6	10.0	80.1	66.7	55.5	54.7	296,500	209,900	45	55	59	10'	2" THROWAWAY 30% EFF.	180	160	26	7.0	260,000	550	2000	350	DORMITORY	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
3-2	5,000	750	1.4	3.4	5.0	80.6	67.0	55.1	54.3	198,900	137,700	45	55	40	10'	2" THROWAWAY 30% EFF.	180	160	14	7.0	140,000	550	2000	350	PROCESSING	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
3-3	7,900	1250	1.6	3.6	10.0	80.1	66.7	55.5	54.7	296,500	209,900	45	55	59	10'	2" THROWAWAY 30% EFF.	180	160	26	7.0	260,000	550	2000	350	DOMITORY	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
4-1	7,900	1250	1.6	3.6	10.0	80.1	66.7	55.5	54.7	296,500	209,900	45	55	59	10'	2" THROWAWAY 30% EFF.	180	160	26	7.0	260,000	550	2000	350	DORMITORY	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
4-2	5,000	750	1.4	3.4	5.0	80.6	67.0	55.1	54.3	198,900	137,700	45	55	40	10'	2" THROWAWAY 30% EFF.	180	160	14	7.0	140,000	550	2000	350	PROCESSING	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
4-3	7,900	1250	1.6	3.6	10.0	80.1	66.7	55.5	54.7	296,500	209,900	45	55	59	10'	2" THROWAWAY 30% EFF.	180	160	26	7.0	260,000	550	2000	350	DOMITORY	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU

(*) PROVIDE DUAL COOLING COILS AS REQUIRED BY SPECIFIC EQUIPMENT MANUFACTURER. SINGLE COIL IS ANTICIPATED BUT DUAL COILS EXPECTED.

COOLING TOWER SCHEDULE

TOWER No.	TOTAL FLOW	ENT. WATER	LVG. WATER	AMBIENT TEMP.		FAN MOTORS		TYPE DRIVE	ELECTRICAL			REMARKS
				95° D.B.	80° W.B.	No.	MAX HP		VOLTS	HZ	PHASE	
CT#1	700 GPM	95°	85°	95° D.B.	80° W.B.	1	20	GEAR	480	60	3	① ② ③ ④
CT#2	700 GPM	95°	85°	95° D.B.	80° W.B.	1	20	GEAR	480	60	3	① ② ③ ④

NOTES: 1. EXISTING COOLING TOWERS ARE MARLEY MODEL - TVA 200.
2. THIS INFORMATION IS PROVIDED ON THE EXISTING EQUIPMENT FOR TESTING AND BALANCING PURPOSES.
3. CONTROL OF COOLING TOWER SHALL BE FROM CHILLER CONTROL SYSTEM.
FAN SPEED SHALL BE BASED ON ENTERING CONDENSER WATER TEMPERATURE TO CHILLER.
4. FAN MOTORS ARE NEW AS A REPLACEMENT OF THE EXISTING FAN MOTORS.

GAS FIRED BOILER SCHEDULE

MARK	ENT. WATER	LVG. WATER	GPM FLOW	PD FT	CAPACITY		FUEL	FLUE SIZE	MINIMUM EFFICIENCY	TYPE BURNER	TYPE BOILER	CONTROL CIRCUIT			REMARKS
					INPUT BTU/HR	OUTPUT BTU/HR						VOLTS	HZ	PHASE	
B-1	160F	180F	155	8'	2100	1,700,000	NAT. GAS	24"φ	80%	ATMOSPHERIC	COPPER TUBE	120	60	1	BASIS OF DESIGN RAYPAK
B-2	160F	180F	155	8'	2100	1,700,000	NAT. GAS	24"φ	80%	ATMOSPHERIC	COPPER TUBE	120	60	1	BASIS OF DESIGN RAYPAK

NOTE: ROUTE EACH FLUE INDEPENDENTLY UP THROUGH ROOF. PROVIDE CURB AND ACCESSORIES PER MANUFACTURERS REQUIREMENTS FOR FLUE INSTALLATION.

PACKAGED TERMINAL AIR CONDITIONING UNIT SCHEDULE

MARK	AHU DATA	COOLING CAPACITY @ AIR STANDARD CONDITIONS						MIN. EER	COMPR. RLA	OUTDOOR FAN FLA	STRIP HEAT	ELECTRICAL DATA			REMARKS		
		TOTAL	OA	ESP	MOTOR	EDB	EWB					VOLTS	HZ	PHASE			
1	420	80	0	0.4	80F	67F	95F	14,200	11,000	7.0	10.2	0.9	4.8 KW	277	60	1	PROVIDE WITH INTEGRAL CONTROLS
2	420	80	0	0.4	80F	67F	95F	14,200	11,000	7.0	10.2	0.9	4.8 KW	277	60	1	PROVIDE WITH INTEGRAL CONTROLS

NOTES: 1. FURNISH EACH UNIT WITH AN EXTRUDED ALUMINUM INTAKE LOUVER, INDOOR WALL GUARD FLANGE, OUTDOOR INTAKE COLLAR, AUTOMATIC CONDENSATE REMOVAL SYSTEM, SUB-BASE, WALL SLEEVE AND PLUG-IN RECEPTACLE.

FAN SCHEDULE

MARK #	CFM TOTAL	TSP IN WC	MAX RPM	TYPE DRIVE	TYPE FAN	CONTROL WITH	MOTOR HP/AMPS	MAX SONES	ELECTRICAL DATA			FAN SERVICE	REMARKS
									VOLTS	HZ	PHASE		
EF#1	2000	.25	1200	BELT	ROOF MOUNTED	SEE REMARKS	3/4 HP	19.0	480	60	3	CHILLER ROOM	THERMOSTAT SET AT 90°
EF#2	---	---	---	---	---	---	---	---	---	---	---	---	FAN NOT USED
EF#3	800	.5	700	BELT	ROOF MOUNTED	HOOD SWITCH	1/2 HP	10.0	120	60	1	DISHWASHER HOOD	
EF#4	2500	.375	1200	DIRECT	WALL MOUNTED	RUNS CONTINUOUSLY	3/4 HP	10.0	480	60	3	BASEMENT BATHROOMS	
EF#5	800	.25	1300	BELT	ROOF MOUNTED	WALL SWITCH	1/4 HP	7.0	120	60	1	CAN WASH	
EF#6	670	.375	1350	BELT	ROOF MOUNTED	RUNS CONTINUOUSLY	1/4 HP	8.0	120	60	1	TOILETS	
EF#7	4000	.5	1000	BELT	ROOF MOUNTED	MANUAL SWITCH SEE ELECTRICAL	1.0 HP	13.0	480	60	3	DAYROOM	DUPLICATE FOR EF#39
EF#8	150	.25	1550	DIRECT	ROOF MOUNTED	RUNS CONTINUOUSLY	2.0 A	4.0	120	60	1	TOILETS	
EF#9	5000	.5	1000	BELT	ROOF MOUNTED	MANUAL SWITCH SEE ELECTRICAL	1 1/2 HP	18.0	480	60	3	DAYROOM	
EF#10	800	.25	1350	BELT	ROOF MOUNTED	RUNS CONTINUOUSLY	1/4 HP	8.0	120	60	1	TOILETS	
EF#11	4000	.5	1000	BELT	ROOF MOUNTED	MANUAL SWITCH SEE ELECTRICAL	1.0 HP	13.0	480	60	3	DAYROOM	
EF#12	1500	.375	1200	DIRECT	WALL MOUNTED	RUNS CONTINUOUSLY	3/4 HP	10.0	480	60	3	TOILETS	
EF#13	735	.5	1050	BELT	ROOF MOUNTED	RUNS CONTINUOUSLY	1/2 HP	12.0	120	60	1	TOILETS	
EF#14	75	.375	1400	DIRECT	CEILING MOUNTED	WALL SWITCH	2.0 A	4.0	120	60	1	TOILETS	
EF#15	75	.375	1400	DIRECT	CEILING MOUNTED	WALL SWITCH	2.0 A	4.0	120	60	1	TOILETS	
EF#16	75	.375	1400	DIRECT	CEILING MOUNTED	WALL SWITCH	2.0 A	4.0	120	60	1	TOILETS	
EF#17	300	.25	1400	DIRECT	CEILING MOUNTED	RUNS CONTINUOUSLY	2.0 A	6.0	120	60	1	TOILETS	
EF#18	300	.25	1400	DIRECT	CEILING MOUNTED	RUNS CONTINUOUSLY	2.0 A	6.0	120	60	1	TOILETS	
EF#19	275	.375	1200	BELT	ROOF MOUNTED	RUNS CONTINUOUSLY	1/4 HP	12.0	120	60	1	TOILETS	
EF#20	250	.375	1200	BELT	ROOF MOUNTED	RUNS CONTINUOUSLY	1/4 HP	12.0	120	60	1	TOILETS	
EF#21	850	.375	1400	BELT	ROOF MOUNTED	RUNS CONTINUOUSLY	1/4 HP	7.0	120	60	1	TOILETS	
EF#22	850	.375	1400	BELT	ROOF MOUNTED	RUNS CONTINUOUSLY	1/4 HP	7.0	120	60	1	CELL	
EF#23	2000	.5	1750	DIRECT	IN-LINE	MANUAL SWITCH SEE ELECTRICAL	3/4 HP	17.0	480	60	3	DAYROOM	DUPLICATE FOR 23A AND OPERATE SIMULTANEOUSLY
EF#24	1200	.375	1200	DIRECT	IN-LINE	RUNS CONTINUOUSLY	1/4 HP	7.0	120	60	1	BATHROOM	
EF#25	1200	.375	1200	DIRECT	IN-LINE	RUNS CONTINUOUSLY	1/4 HP	7.0	120	60	1	BATHROOM	

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VAV UNIT SCHEDULE

MARK	MAXIMUM CFM	DESIGN CFM	MINIMUM CFM	DESIGN AIR PD	HEATING CAPACITY					MAXIMUM BTUH	REMARKS (TYPE)
					KW	VOLT	HZ	PHASE	BTUH		
1-4-1	900	575	250	0.75"	2.0	480	60	3	6,800	28	SQUEEZE OFF
1-4-2	1050	600	300	0.75"	3.0	480	60	3	10,200	28	SQUEEZE OFF
1-4-3	1050	725	300	0.75"	3.0	480	60	3	10,200	28	SQUEEZE OFF
1-4-4	1200	975	400	0.75"	4.0	480	60	3	13,600	28	SQUEEZE OFF
1-4-5	1050	725	300	0.75"	2.0	480	60	3	6,800	28	SQUEEZE OFF
1-4-6	1050	825	400	0.75"	2.0	480	60	3	6,800	28	SQUEEZE OFF
1-4-7	650	425	200	0.75"	1.5	480	60	3	5,100	28	SQUEEZE OFF
1-4-8	2200	1750	800	0.75"	7.5	480	60	3	25,600	28	SQUEEZE OFF
1-5-1	900	530	250	0.75"	2.0	480	60	3	6,800	28	SQUEEZE OFF
1-5-2	650	350	160	0.75"	1.5	480	60	3	5,100	28	SQUEEZE OFF
1-5-3	650	400	160	0.75"	1.5	480	60	3	5,100	28	SQUEEZE OFF
1-5-4	1800	1135	500	0.75"	4.0	480	60	3	13,600	28	SQUEEZE OFF
1-5-5	1800	1030	500	0.75"	4.0	480	60	3	13,600	28	SQUEEZE OFF
1-5-6	1800	1150	500	0.75"	4.0	480	60	3	13,600	28	SQUEEZE OFF
1-5-7	1800	1400	600	0.75"	4.0	480	60	3	13,600	28	SQUEEZE OFF
1-5-8	2200	1815	800	0.75"	5.0	480	60	3	17,000	28	SQUEEZE OFF
1-6-1	1050	850	350	0.75"	4.0	480	60	3	13,600	28	SQUEEZE OFF
1-6-2	1800	1000	400	0.75"	3.0	480	60	3	10,200	28	SQUEEZE OFF
1-6-3	1800	1355	500	0.75"	4.0	480	60	3	13,600	28	SQUEEZE OFF
1-6-4	1050	900	350	0.75"	4.0	480	60	3	13,600	28	SQUEEZE OFF
1-6-5	2200	1900	800	0.75"	6.0	480	60	3	20,400	28	SQUEEZE OFF
1-6-6	1800	1275	600	0.75"	6.0	480	60	3	20,400	28	SQUEEZE OFF
1-6-7	1800	1050	500	0.75"	5.0	480	60	3	17,000	28	SQUEEZE OFF
1-7-1	1800	1350	500	0.75"	5.0	480	60	3	17,000	28	SQUEEZE OFF
1-7-2	1800	1550	600	0.75"	5.0	480	60	3	17,000	28	SQUEEZE OFF
1-7-3	2200	1750	600	0.75"	5.0	480	60	3	17,000	28	SQUEEZE OFF
1-7-4	2200	1650	600	0.75"	7.5	480	60	3	25,600	28	SQUEEZE OFF
1-7-5	1800	1350	500	0.75"	6.0	480	60	3	20,400	28	SQUEEZE OFF
1-7-6	2200	1925	800	0.75"	7.5	480	60	3	25,600	28	SQUEEZE OFF

- NOTES:
 1. DESIGN CFM IS TO BE NOMINAL OPERATING POINT OF THE VAV UNIT.
 2. MINIMUM CFM SHALL BE USED FOR HEATING COIL SELECTION.
 3. MAXIMUM CFM SHALL BE USED AS THE AIR CAPACITY CAPABLE OF BEING SUPPLIED.
 4. DESIGN AIR PRESSURE DROP IS THE DIFFERENCE IN STATIC PRESSURE FROM THE INLET TO DISCHARGE OF THE VAV UNIT. COIL AIR PD NOT INCLUDED.

*AVU E-32
 Panel 101
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AIR DEVICE SCHEDULE

MARK	CFM	MAX. NC	AIR DEVICE SIZE	DUCT CONNECTION SIZE	REMARKS (TYPE)
0-75	0-75	25	6"x6"	6"	CD
76-150	76-150	25	6"x9"	7"	CD
151-180	151-180	25	6"x9"	8"	CD
181-200	181-200	25	9"x9"	8"	CD
201-250	201-250	25	9"x9"	9"	CD
251-350	251-350	25	9"x12"	10"	CD
351-500	351-500	25	12"x12"	11"	CD
501-625	501-625	25	12"x15"	12"	CD
0-75	0-75	25	6"x8"	SEE PLANS	RAR/TG
76-150	76-150	25	8"x8"	SEE PLANS	RAR/TG
151-180	151-180	25	10"x10"	SEE PLANS	RAR/TG
181-200	181-200	25	10"x10"	SEE PLANS	RAR/TG
201-250	201-250	25	12"x12"	SEE PLANS	RAR/TG
251-350	251-350	25	12"x12"	SEE PLANS	RAR/TG
351-500	351-500	25	16"x14"	SEE PLANS	RAR/TG
501-625	501-625	25	16"x16"	SEE PLANS	RAR/TG

- NOTE: 1. PROVIDE 24"x24" PANEL FOR ALL AIR DEVICES IN LAY-IN CEILING.
 2. PROVIDE DUCT CONNECTION SIZE SHOWN UNLESS OTHERWISE NOTED ON PLANS.
 3. REFERENCE PLANS FOR SIDEWALL REGISTER SIZES.

MECHANICAL LEGEND

FD/AD	FIRE DAMPER W/ ACCESS DOOR
MVD	MANUAL VOLUME DAMPER
RR	RETURN AIR REGISTER
CD	CEILING DIFFUSER
SWR	SIDE WALL REGISTER
CFM	CUBIC FEET PER MINUTE
RA	RETURN AIR
EF	EXHAUST FAN
AHU	AIR HANDLING UNIT
OA	OUTSIDE AIR
ACWC	AIR COOLED WATER CHILLER
TYP.	TYPICAL
AFF	ABOVE FINISHED FLOOR
W/	WITH
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
CWP	CHILLED WATER PUMP
VAV	VARIABLE AIR VOLUME
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HWP	HOT WATER PUMP
MIN.	MINIMUM
MAX.	MAXIMUM
	CEILING DIFFUSER W/ THROW INDICATORS
	RETURN AIR DEVICE OR EXHAUST FAN
	SPIN-IN TAP FITTING W/ AIR SCOOP AND BALANCING DAMPER AND FLEXIBLE DUCT
	RECTANGULAR DUCTWORK (DIMENSIONS: WIDTH X HEIGHT)
	ELBOW WITH TURNING VANES
	BULLHEAD TEE WITH TURNING VANES AND SPLITTER DAMPER
	45° SHOE FITTING TAKE-OFF FROM MAIN DUCT
	DUCT CONNECTION OVER AIR DEVICE
	BALL VALVE
	BALANCING COCK
	THERMOMETER
	PETE'S PLUG (PRESSURE/TEMP.)
	UNION
	PRESSURE GAUGE W/ COCK
	CHECK VALVE
	DRAIN PIPING
	SUPPLY AIR DUCT IN SECTION
	RETURN AIR DUCT IN SECTION
	THERMOSTAT WITH EQUIPMENT NUMBER SERVED
	(VAV) VARIABLE AIR VOLUME TERMINAL
	ROOF MOUNTED EXHAUST FAN
	ROOF MOUNTED SUPPLY FAN OR AIR INTAKE
	CEILING FIRE DAMPER AT AIR DEVICE
	VERTICAL FIRE DAMPER, PROVIDE WITH 12"x12" HINGED, INSULATED ACCESS DOOR
	MEDIUM PRESSURE DUCT TAP WITH MANUAL VOLUME DAMPER AND FLEXIBLE DUCT CONNECTION
	SPIRAL FLAT OVAL DIMENSION (MAJOR AXIS x MINOR AXIS)
	SPIRAL ROUND (DIMENSION)
	MOTORIZED DAMPER
	1/2" DOOR UNDERCUT

GENERAL NOTES:

- DUCT SIZES ARE INSIDE CLEAR DIMENSIONS. SHEET METAL SIZES MUST BE ADJUSTED FOR INTERNAL INSULATION.
- SUPPLY AIR DIFFUSERS MUST BE COMPATIBLE WITH THE CEILING.
- VERIFY COLLAR SIZES ON ALL EQUIPMENT INLETS AND OUTLETS. TRANSITION DUCTWORK AS NECESSARY.
- SEE REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL CEILING OUTLETS.
- CONTRACTOR SHALL VERIFY CLEARANCE SPACE AVAILABLE, OFFSETS REQUIRED, STRUCTURAL OPENINGS, AND WORK BY OTHER TRADES PRIOR TO FABRICATION OF DUCTWORK. COORDINATE DUCT ROUTES WITH TRUSSES AND STRUCTURE. PRESSURE TEST ALL DUCTWORK FOR LEAKS. SEE SPECIFICATIONS.
- CONTRACTOR SHALL INSTALL ALL EQUIPMENT, PIPING AND DUCTWORK SUCH THAT MANUFACTURER'S RECOMMENDED CLEARANCES ARE MET FOR ACCESS TO MOTORS, FANS, FILTERS, ETC.

mechanical schedules

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central booking and detention facility
 escambia county, florida

mechanical schedules

sheet title:

revisions:
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scale:

drawn: RJ SMITH

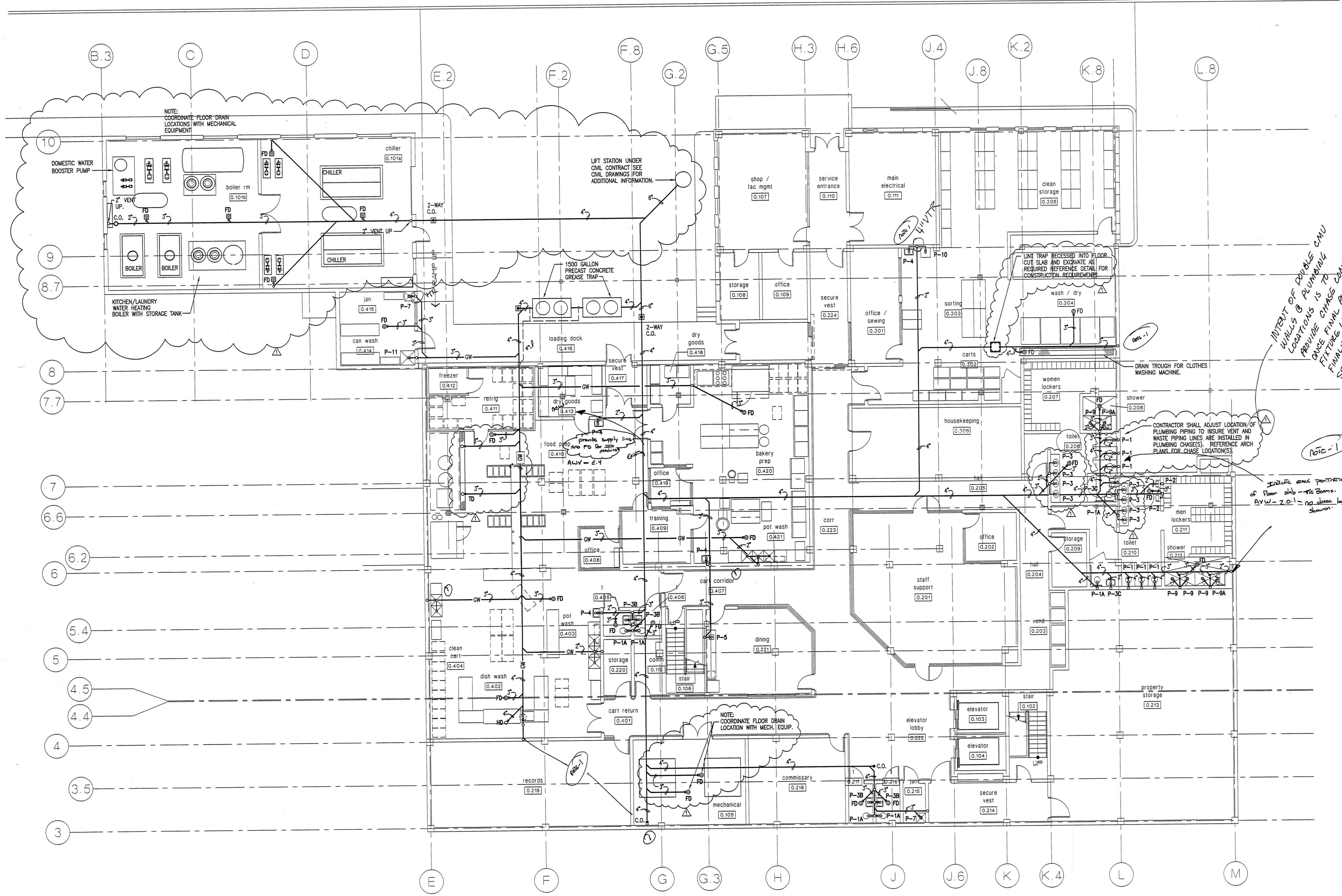
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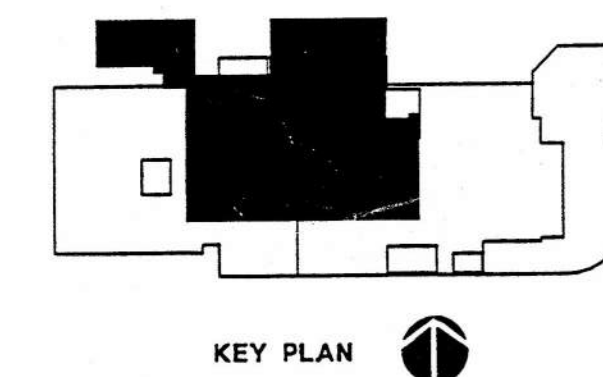
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plumbing plan - basement

SCALE 1/8" = 1'-0"



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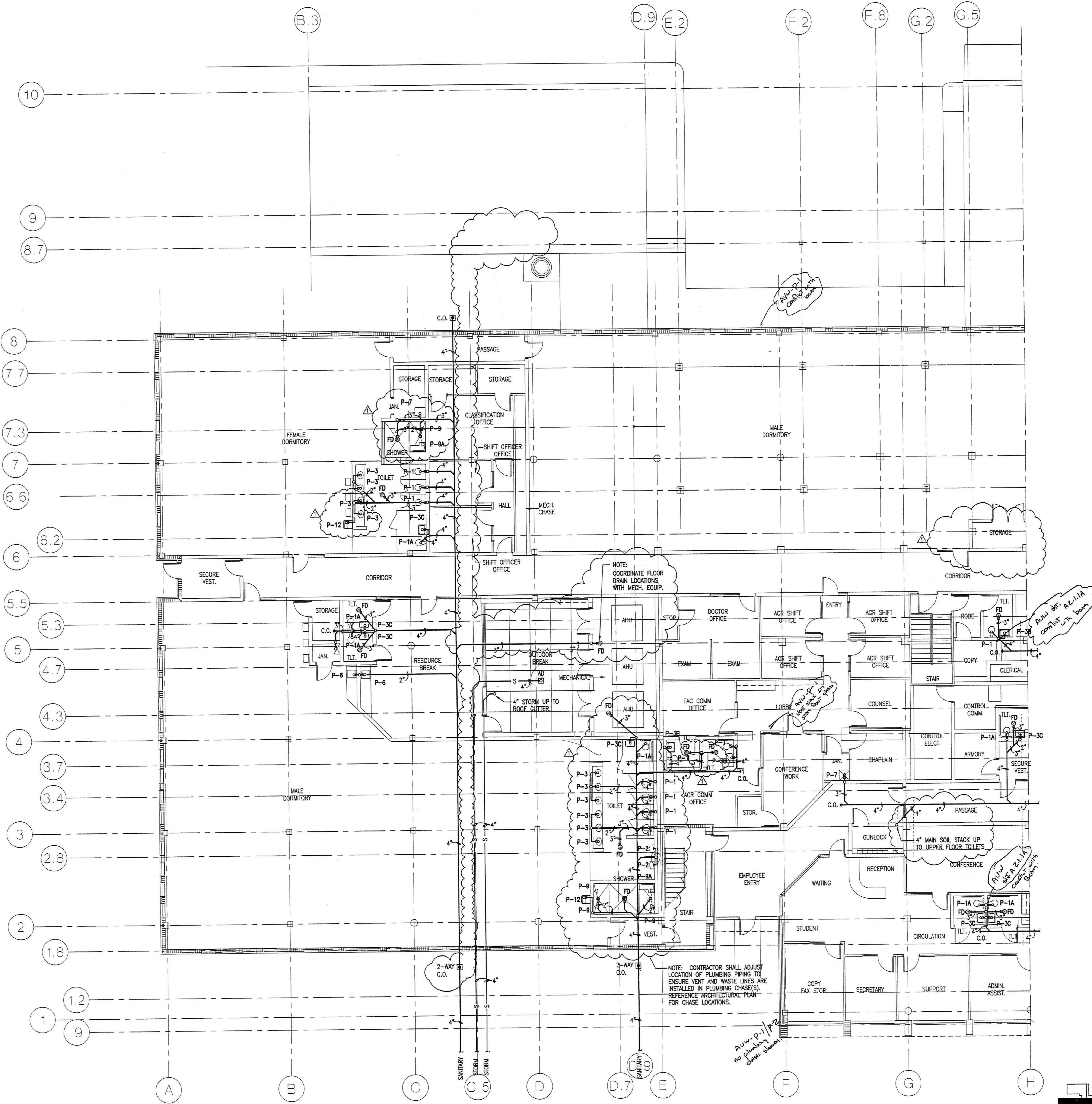
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basement

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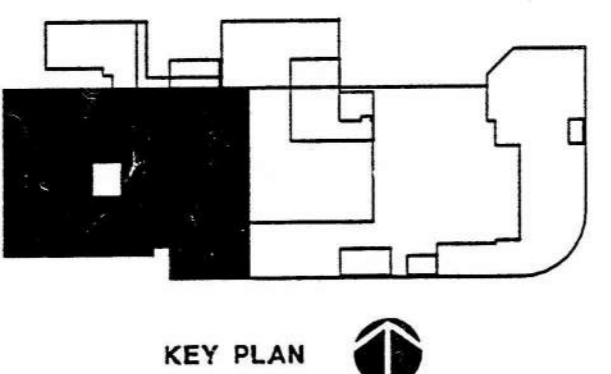


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plumbing plan - west end - 1st floor

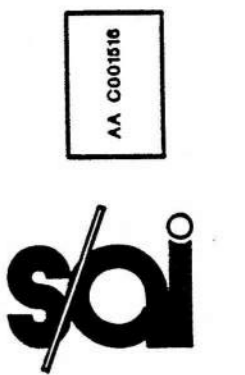
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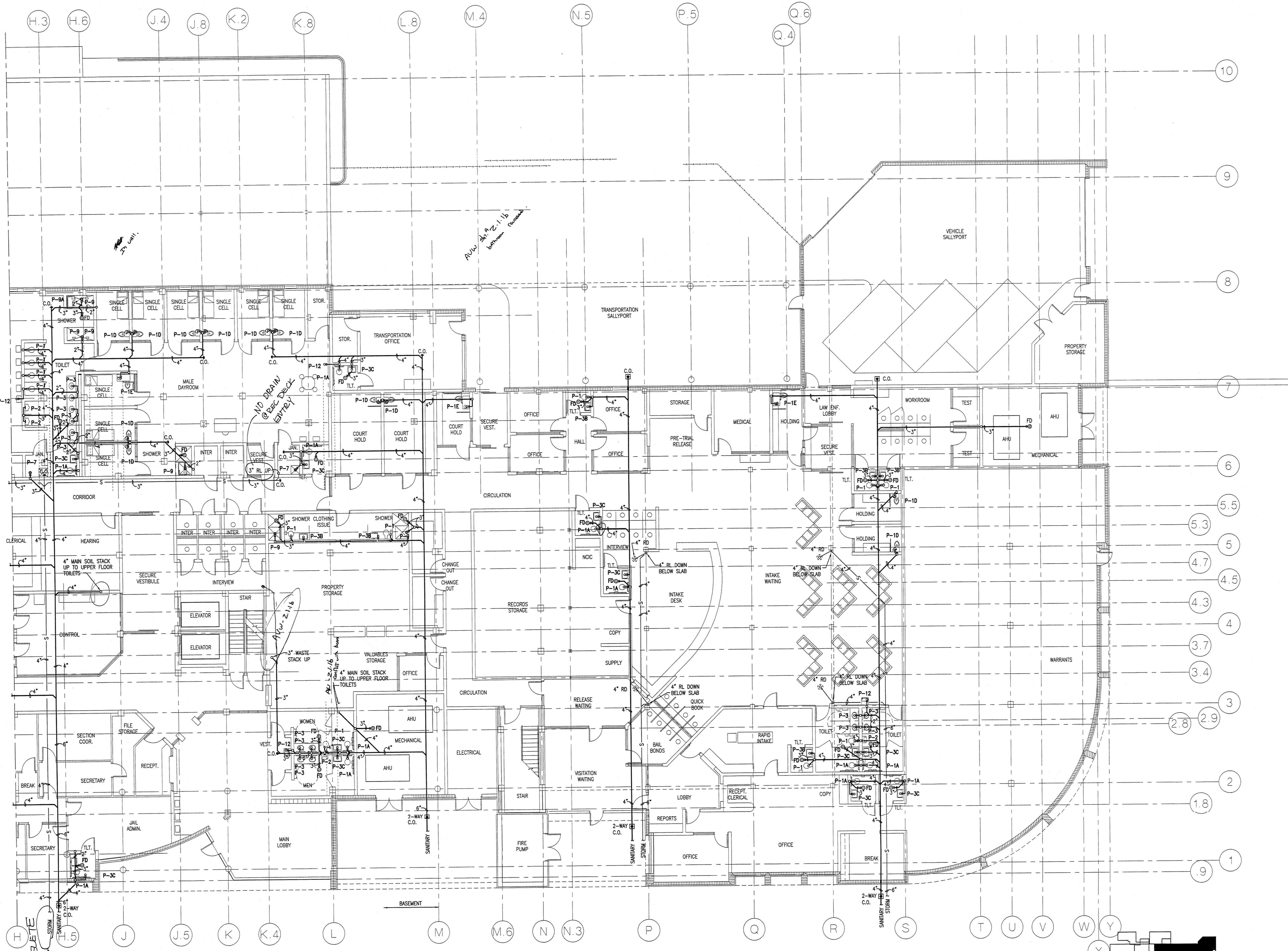
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 sheet title: plumbing plan
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plumbing plan - east end - 1st floor

SCALE 1/8" = 1'-0"

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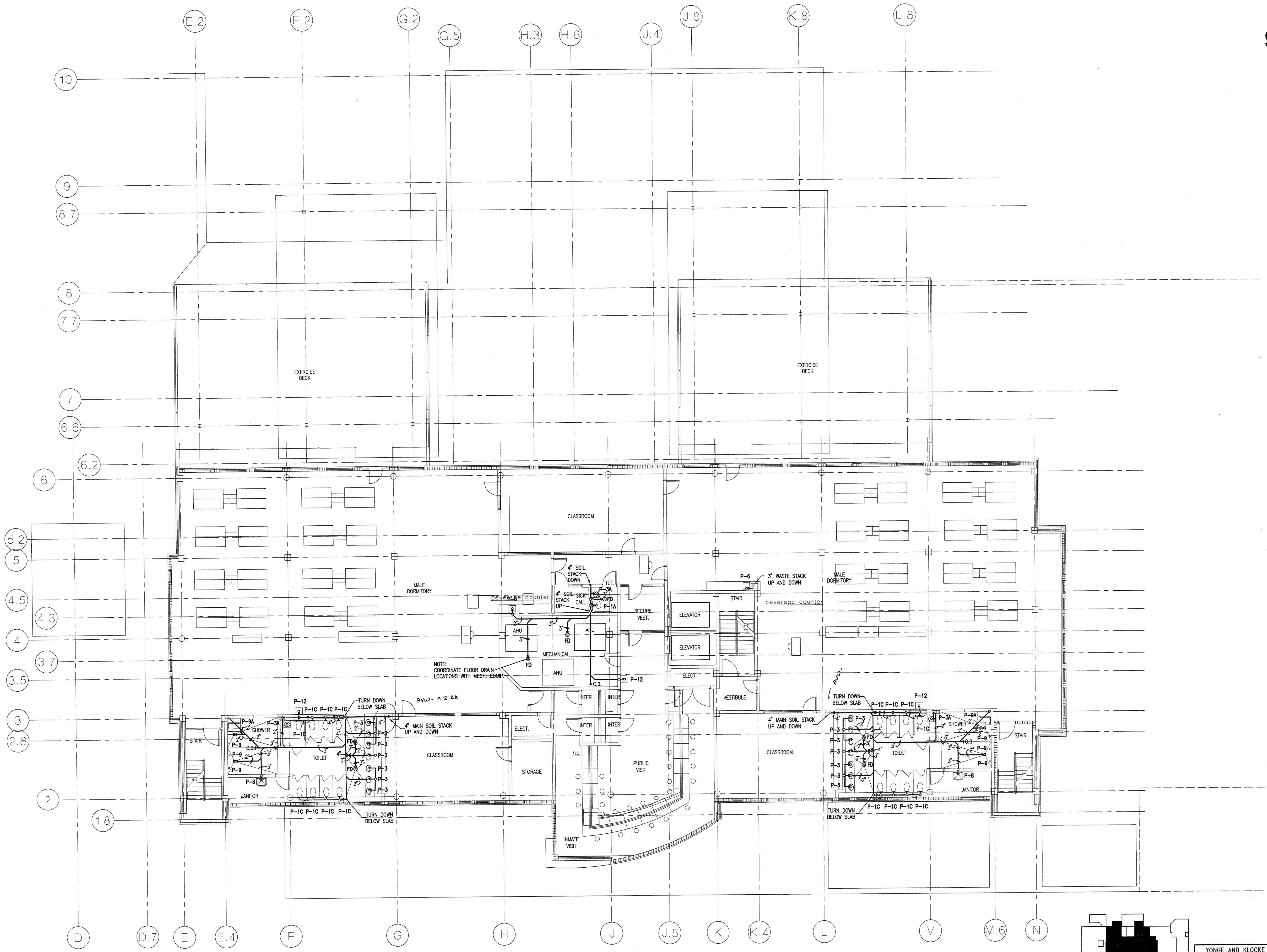
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P-3

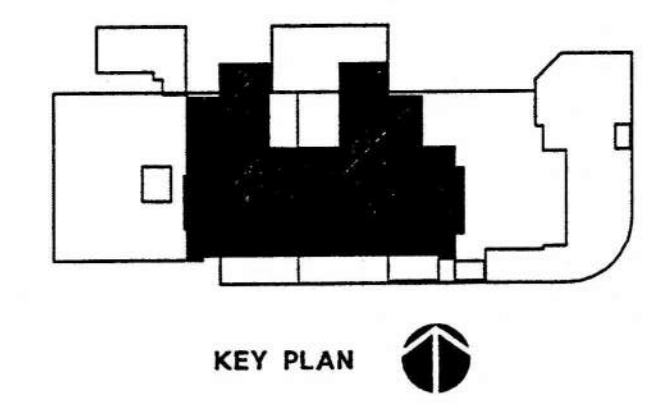


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plumbing plan - 2nd floor

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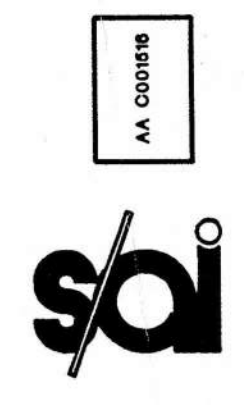
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2nd floor

project:

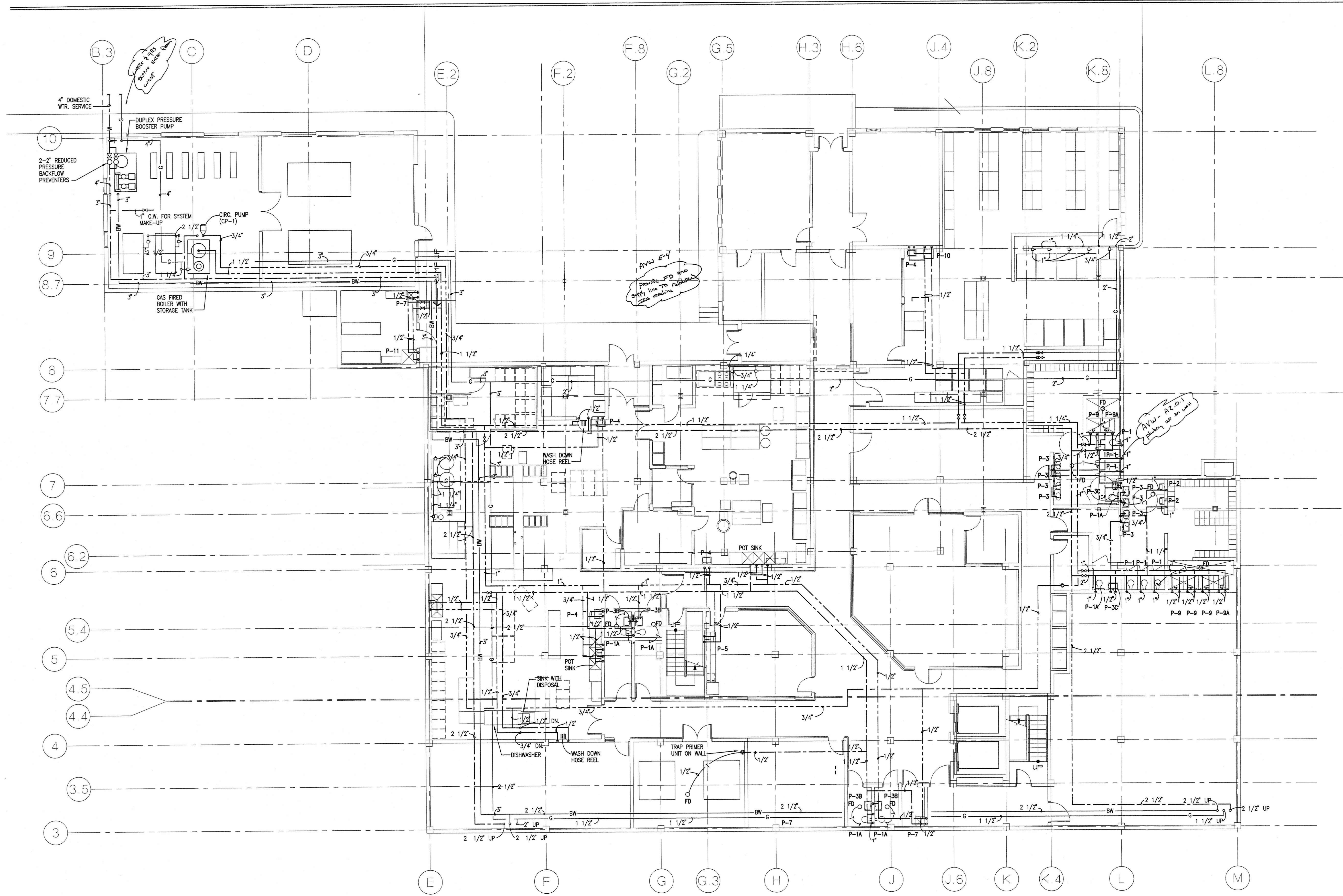
central booking and detention facility
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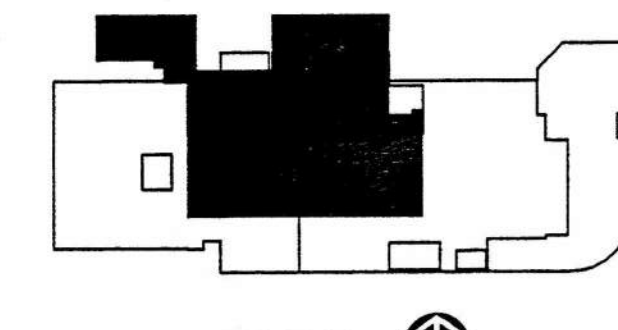
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domestic water piping plan - basement



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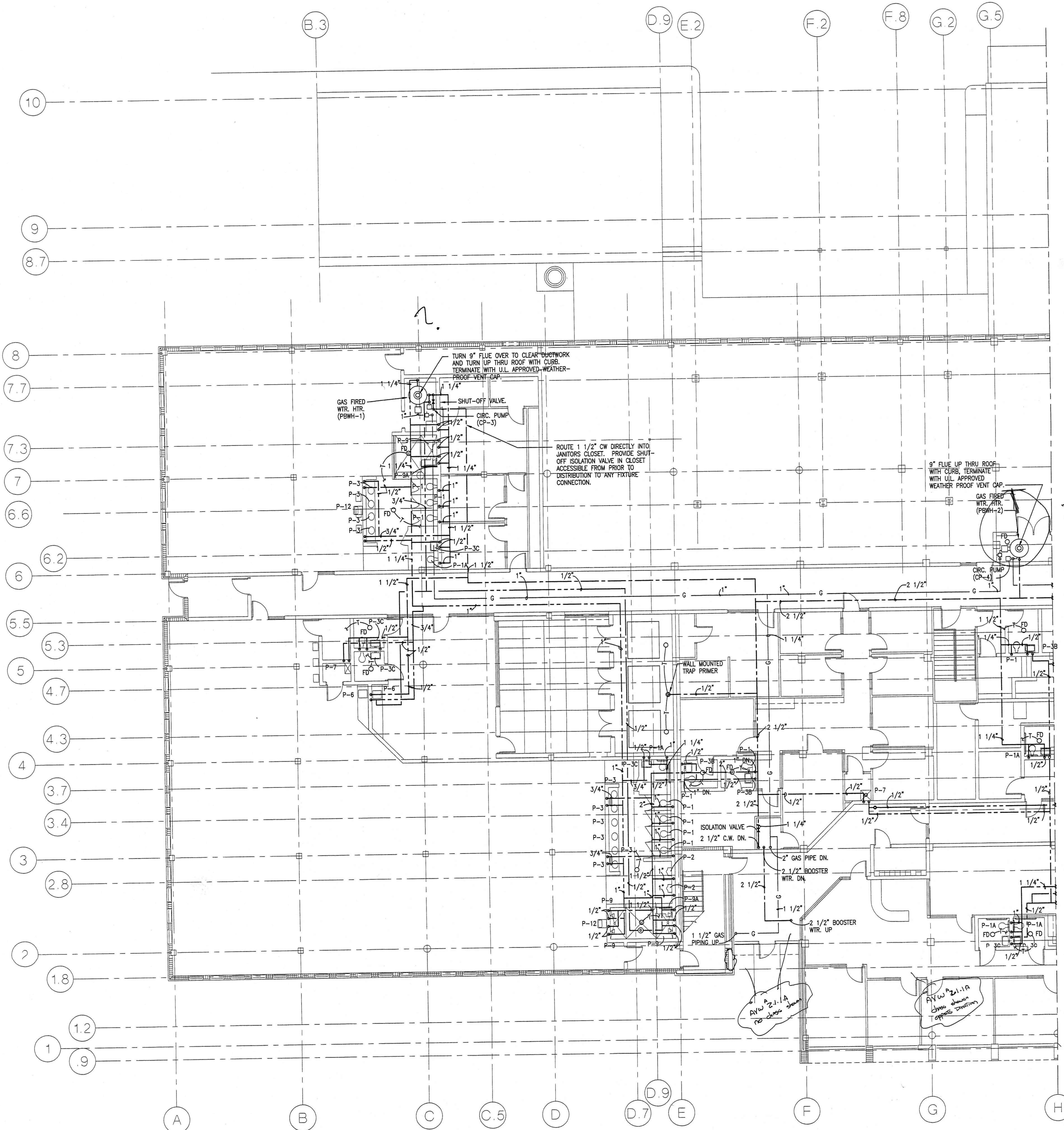
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escambia county, florida

sheet title: domestic water piping plan
basement

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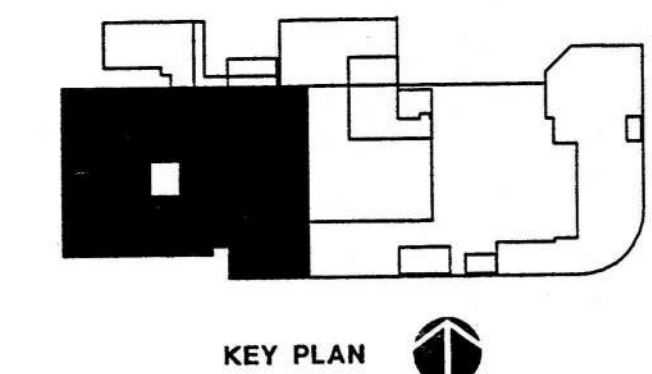
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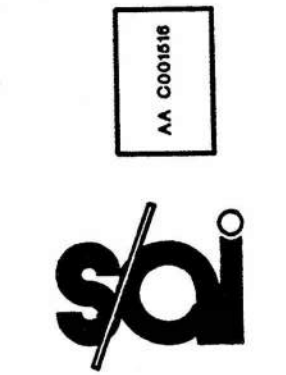


domestic water piping plan - west end - 1st floor

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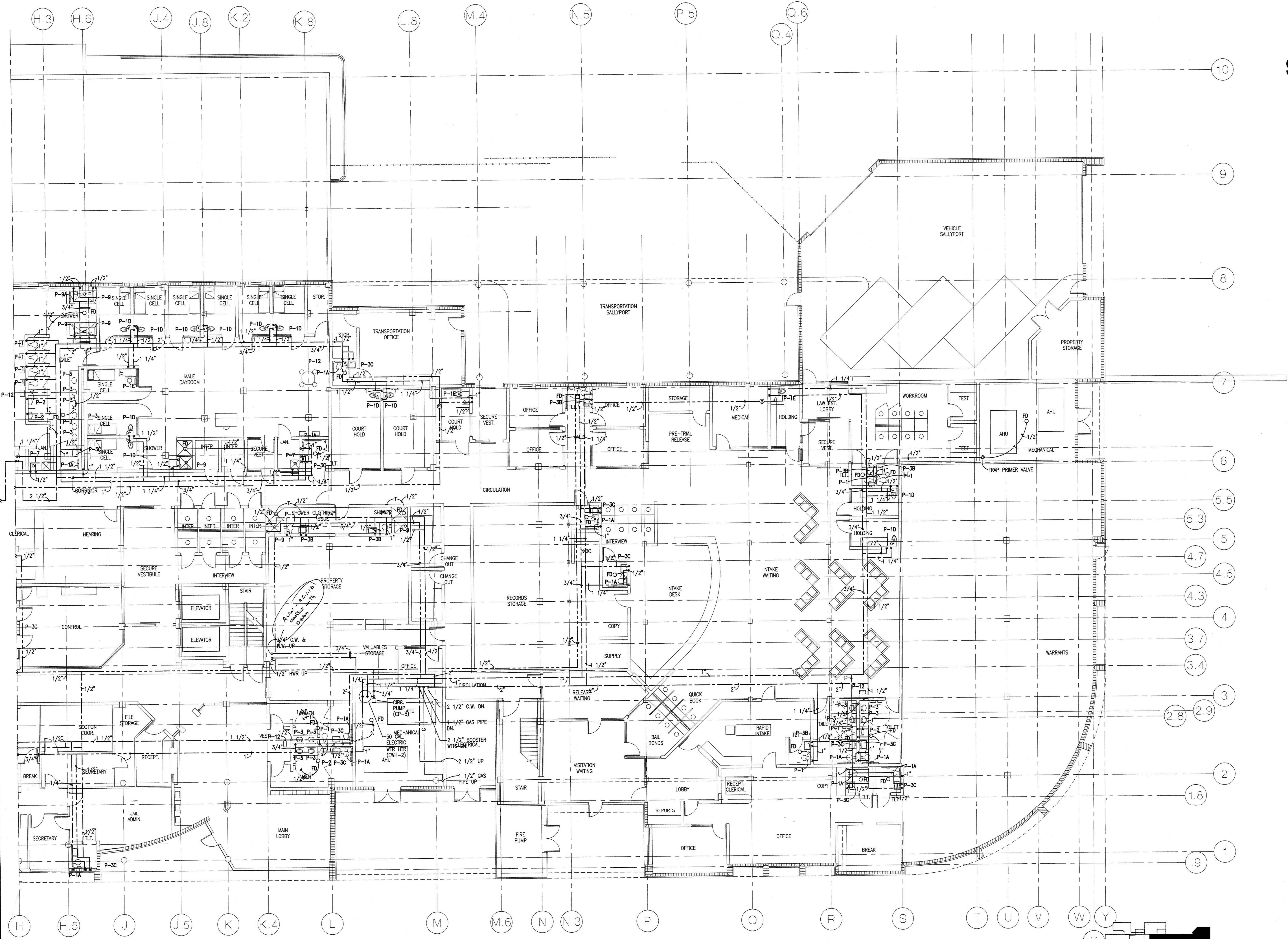
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domestic water piping plan - east end - 1st floor

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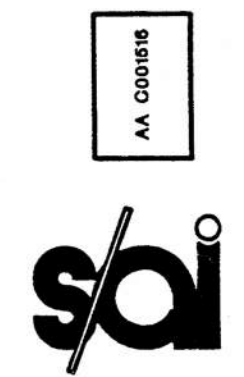
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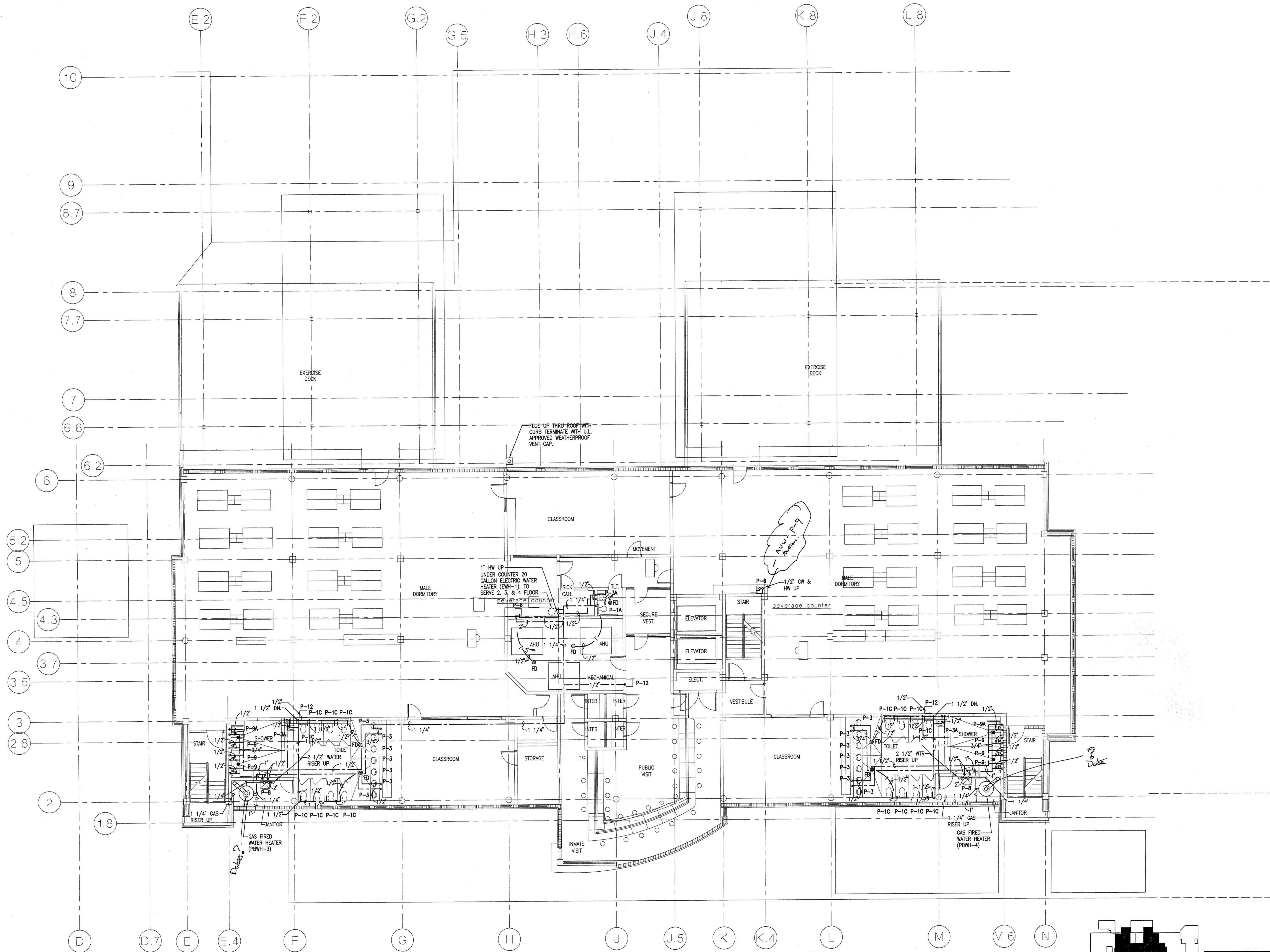
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domestic water piping plan - 2nd floor

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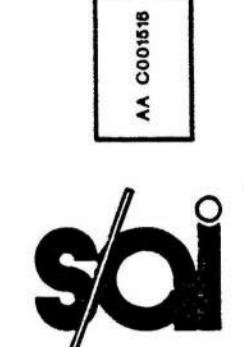
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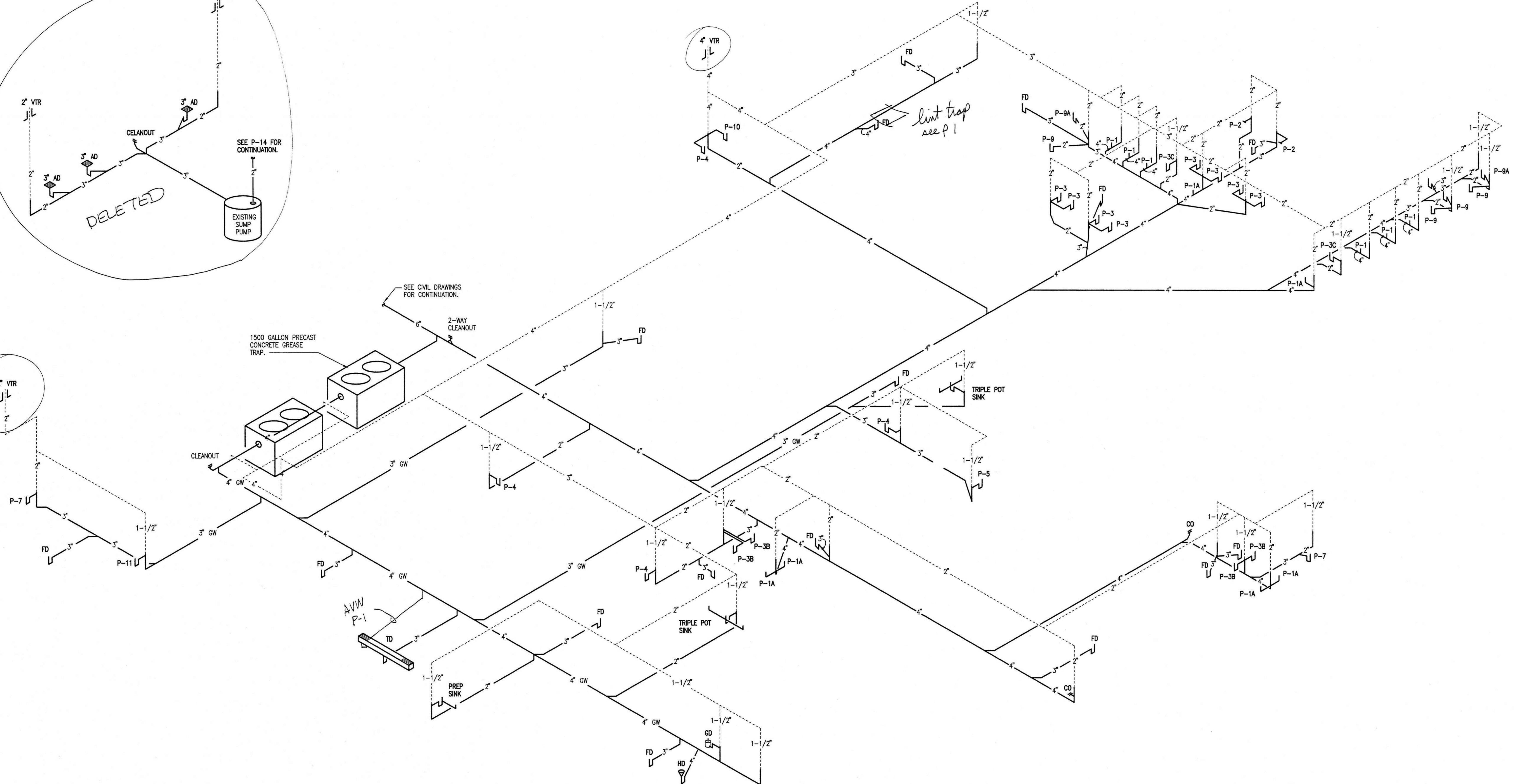
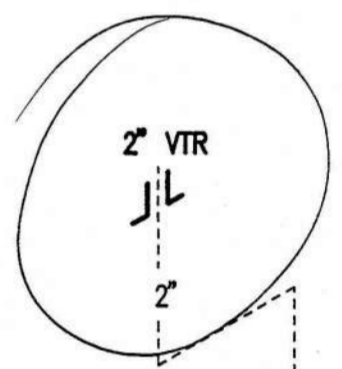
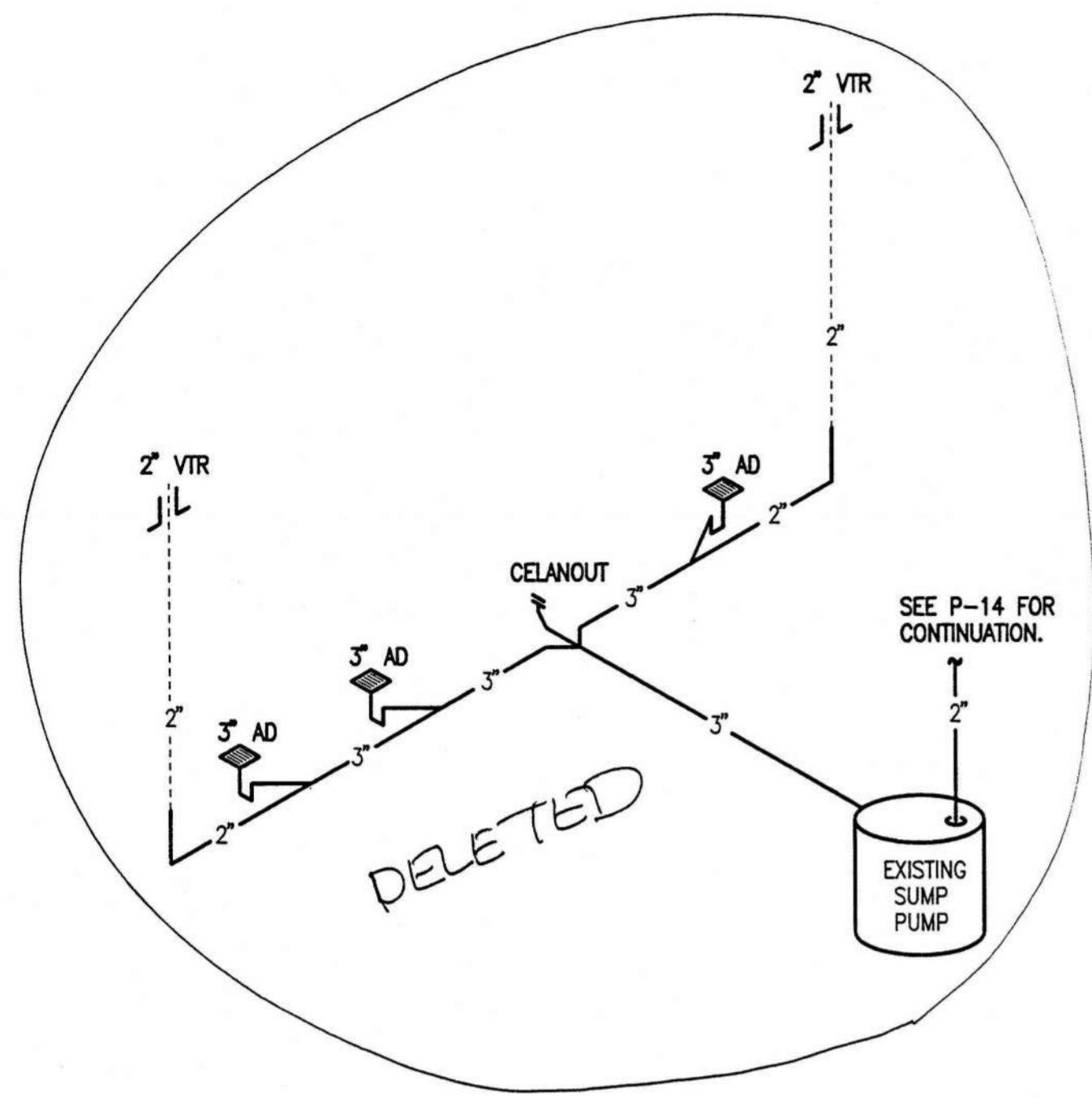
YONGE AND KLOCKE
 Consulting Engineers
 49 E. Chase Street
 Pensacola, Florida 32501
 (850) 434-2661

STROLLO/ARCHITECTS INCORPORATED 68 S. IVANHOE BLVD. ORLANDO, FL. 32804 (407)423-5355 (407)422-5994(FAX) ARCHITECTURE PLANNING INTERIOR DESIGN CONSTRUCTION SERVICES

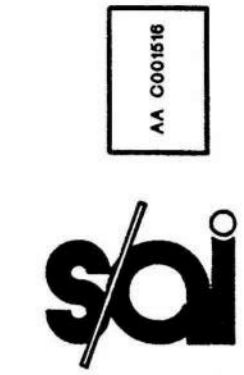
project: central booking and detention facility
 escambia county, florida
 sheet title: domestic water piping plan
 2nd floor
 revisions:
 scale: as shown
 drawn: HM YONGE
 check: HM YONGE
 date: 8/11/98.
 project no. 9705

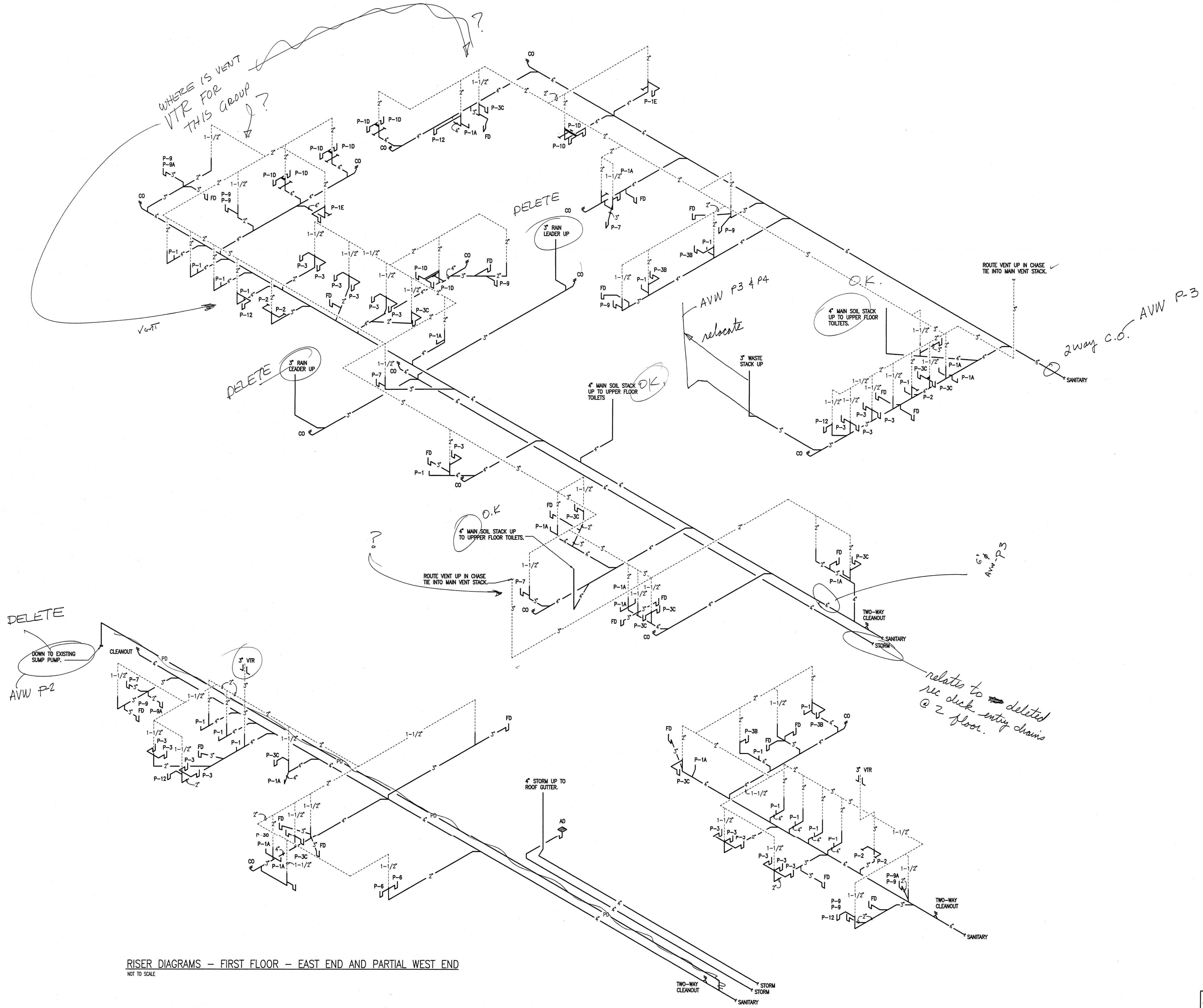
P-10





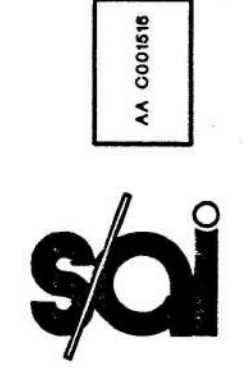
RISER DIAGRAMS - BASEMENT
NOT TO SCALE





RISER DIAGRAMS - FIRST FLOOR - EAST END AND PARTIAL WEST END
NOT TO SCALE

KC2_X:\J085\97136\136\15.dwg 08/09/98 18:07
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project: central booking and detention facility
 escambia county, florida

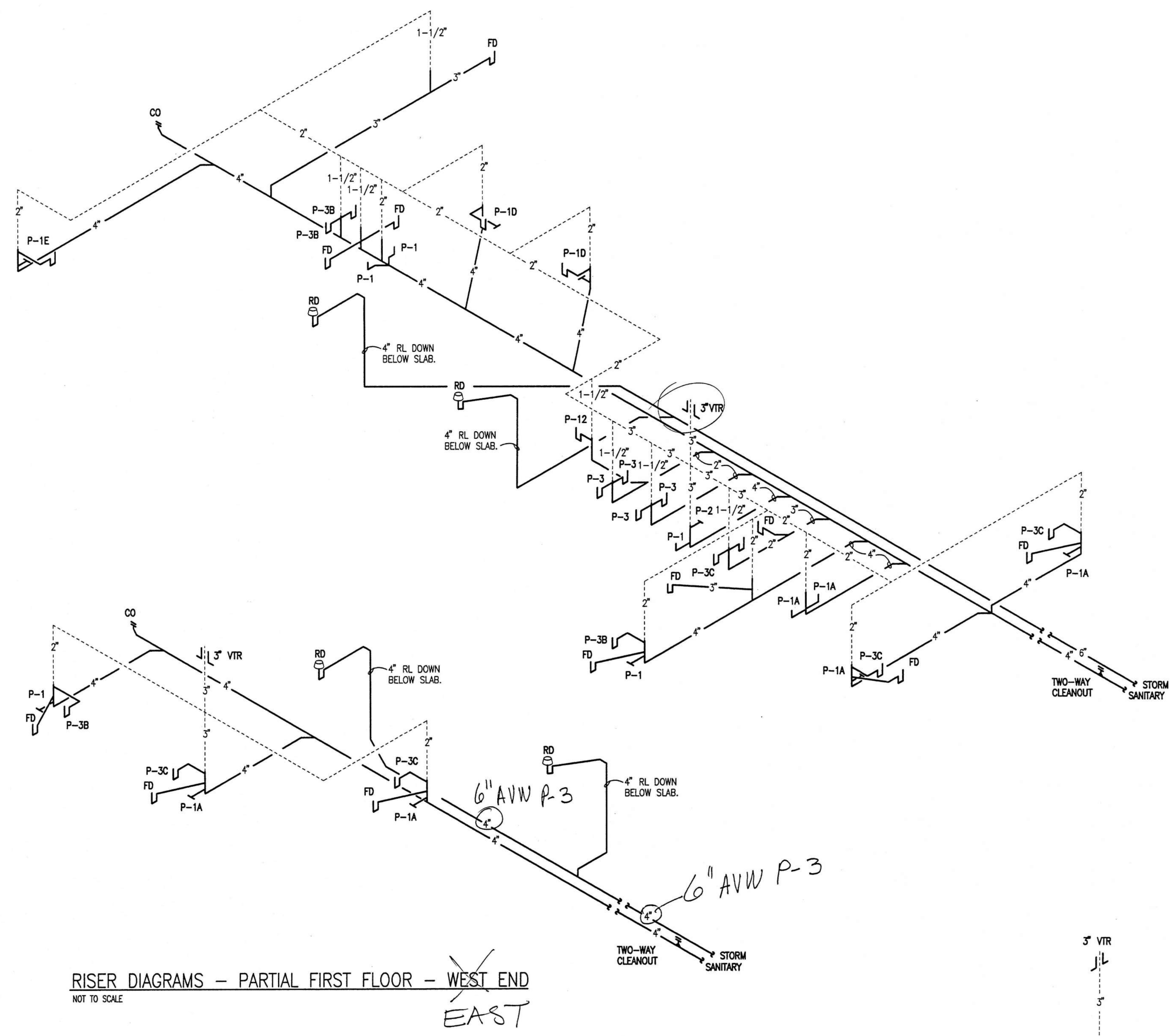
sheet title: plumbing risers

sheet title:

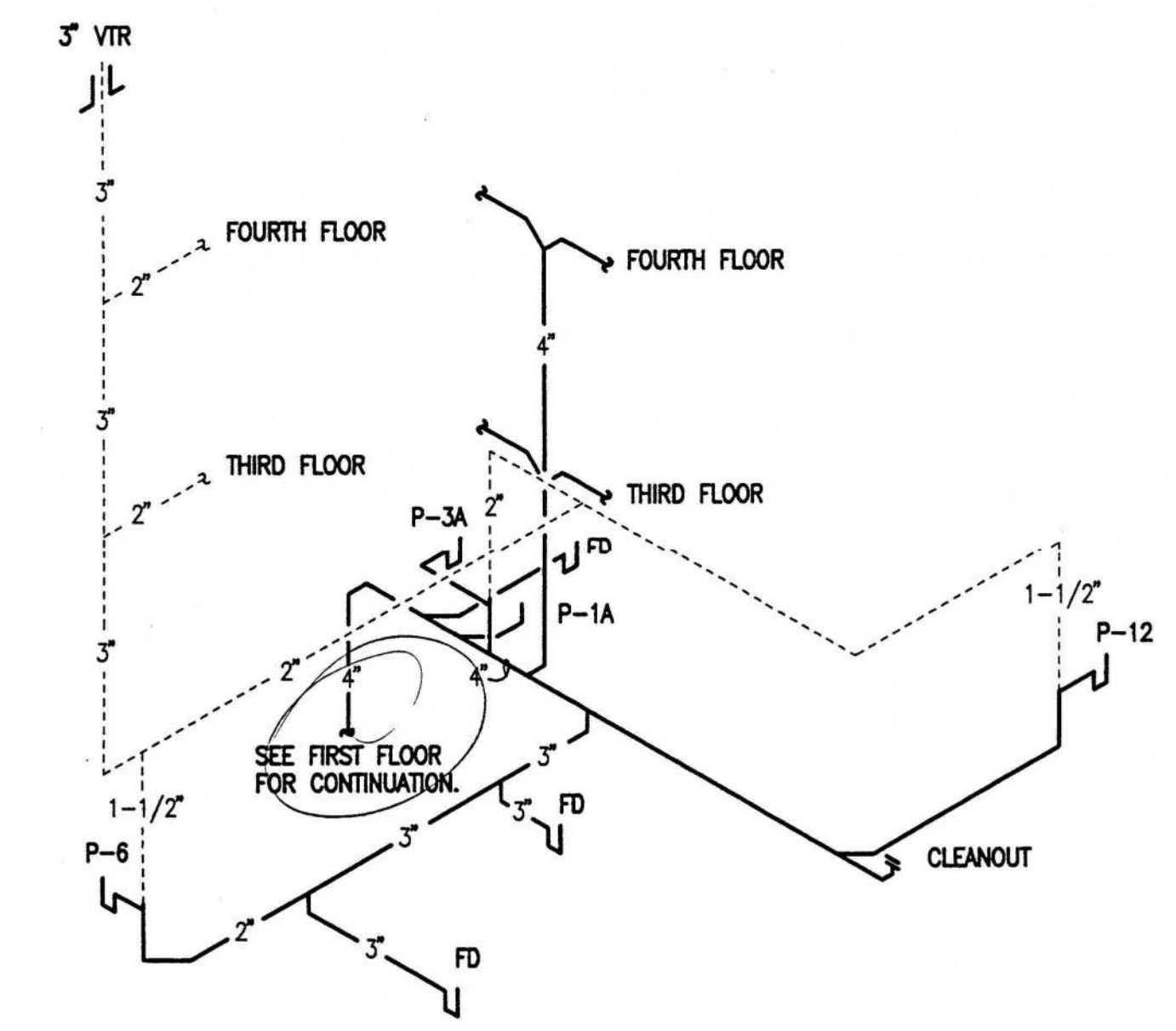
revisions:

scale: as shown
 drawn: HM YONGE
 check: HM YONGE
 date: 8/11/98
 project no. 9705

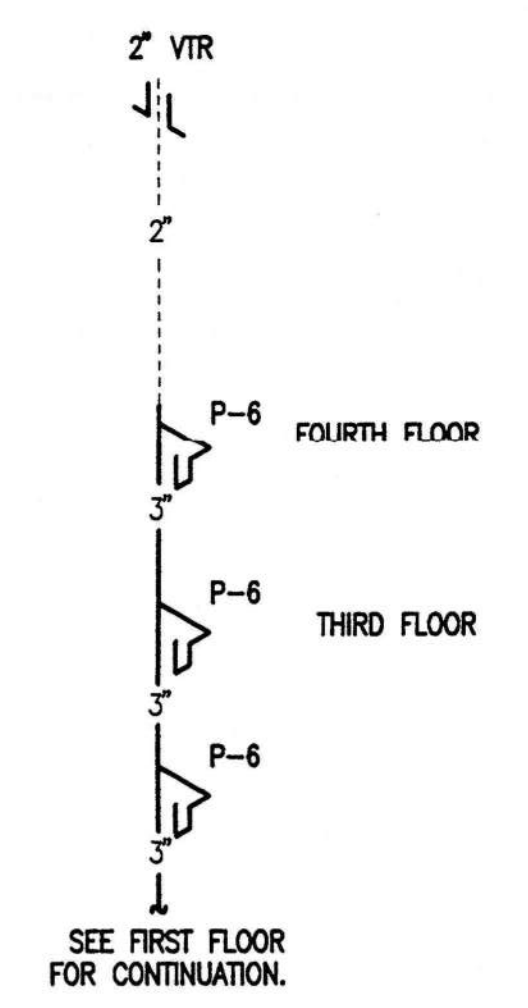
P-16



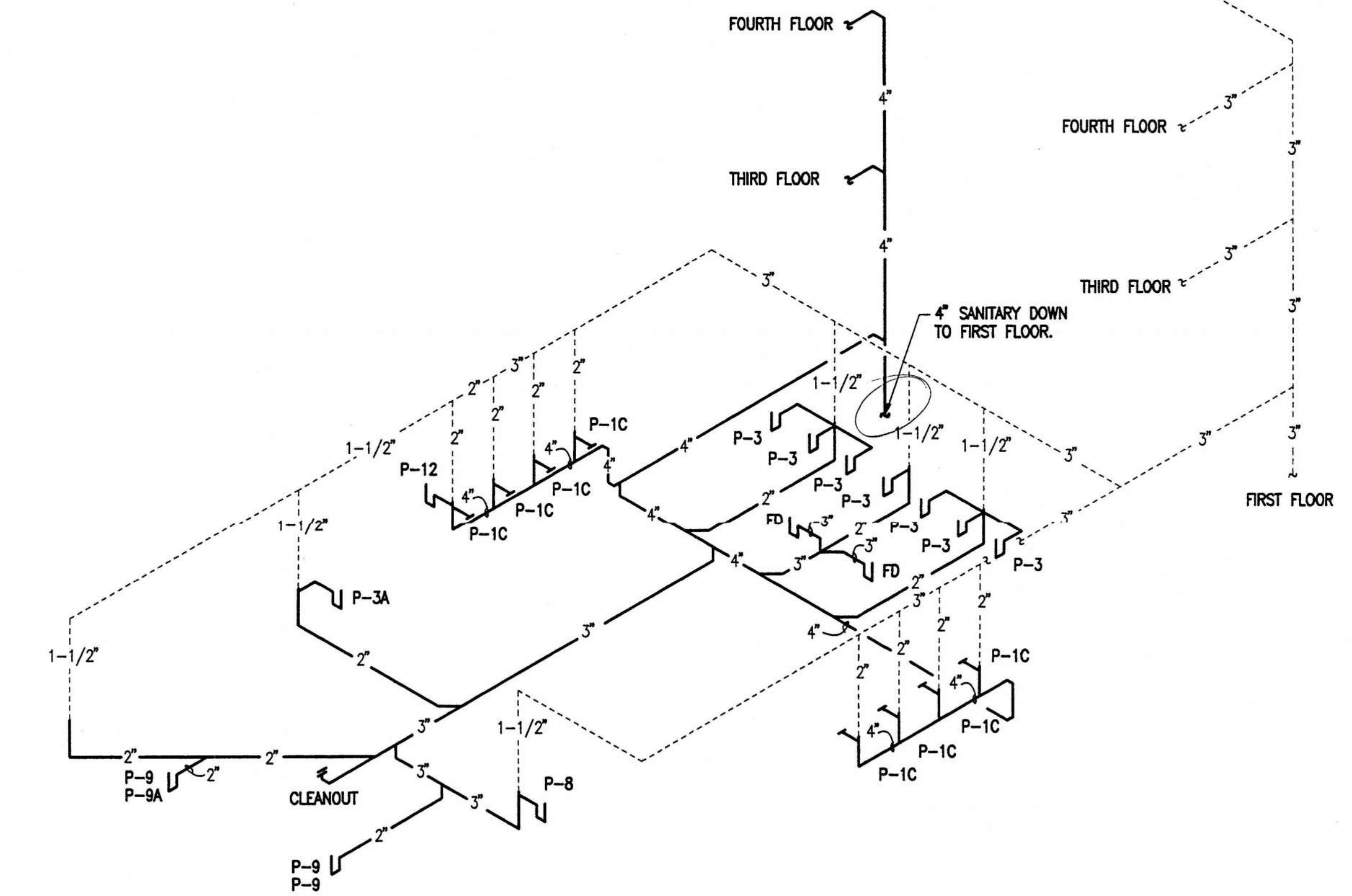
RISER DIAGRAMS - PARTIAL FIRST FLOOR - WEST END
 NOT TO SCALE
 EAST



RISER DIAGRAMS - PARTIAL SECOND FLOOR
 NOT TO SCALE
 THIRD AND FOURTH FLOOR ARE SIMILAR

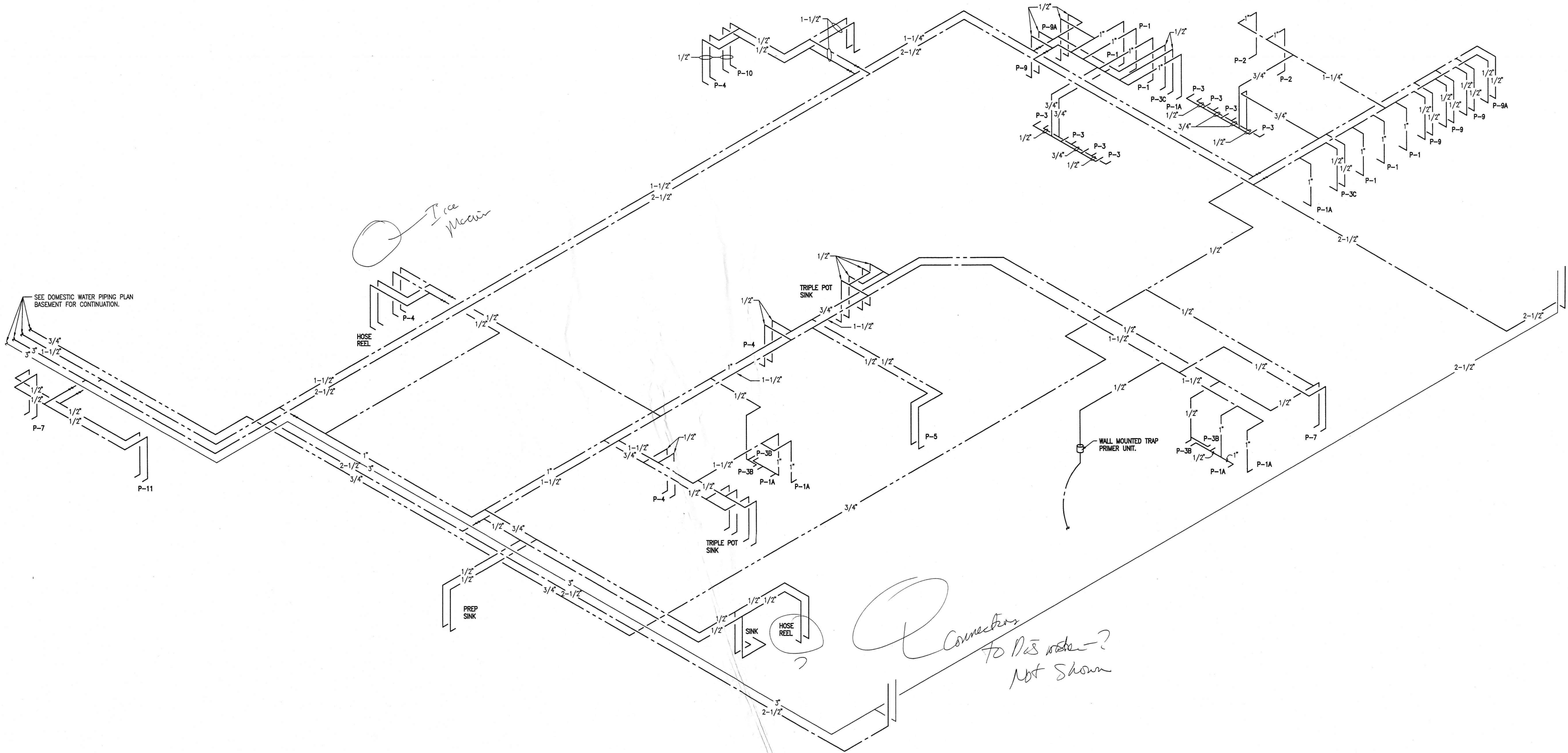


RISER DIAGRAMS - PARTIAL SECOND FLOOR
 NOT TO SCALE



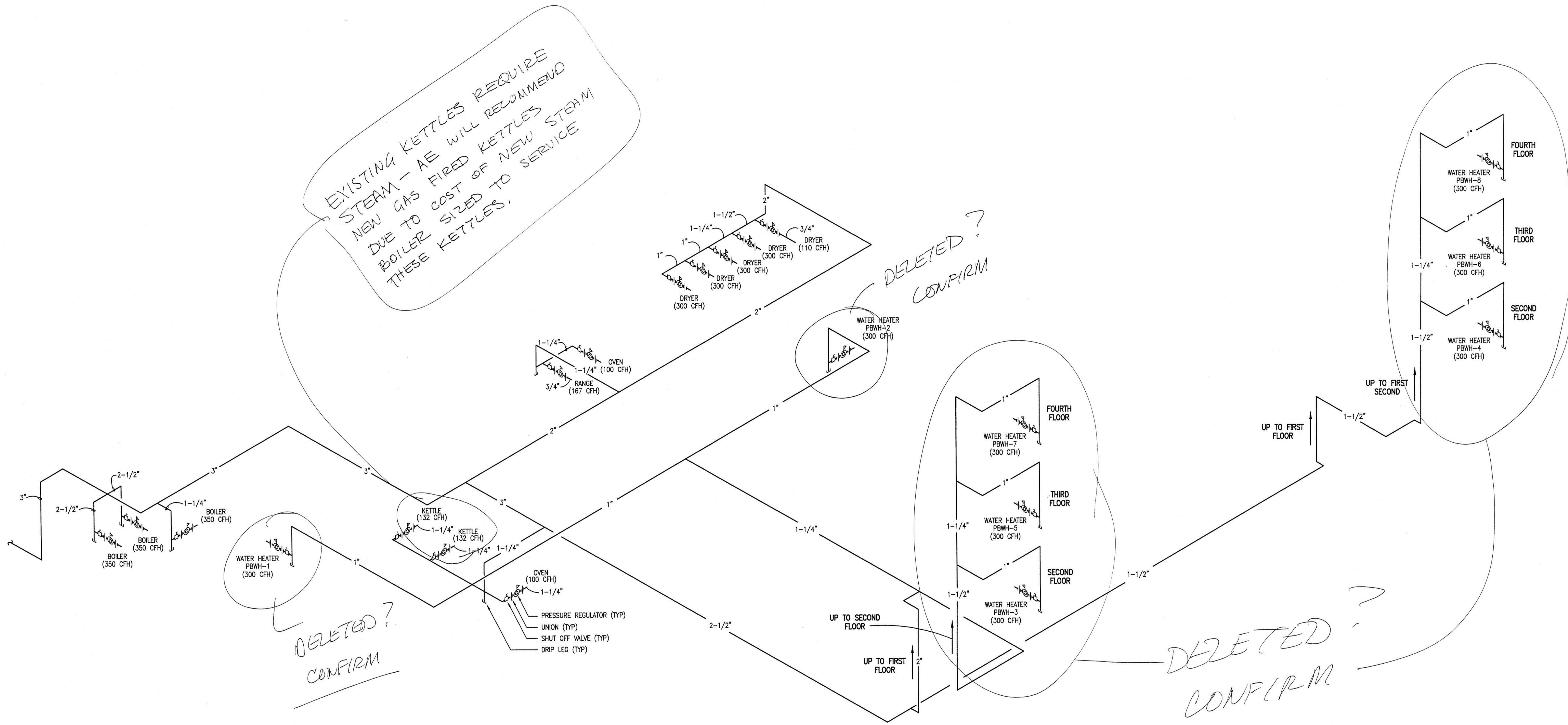
RISER DIAGRAMS - PARTIAL SECOND FLOOR
 NOT TO SCALE
 THIRD AND FOURTH FLOOR ARE SIMILAR, OTHER BATHROOM GROUP IS SIMILAR BUT REVERSE HAND

YONGE AND KLOCKE
 -Consulting Engineers-
 49 E. Chase Street
 Pensacola, Florida 32501
 (850) 434-2661

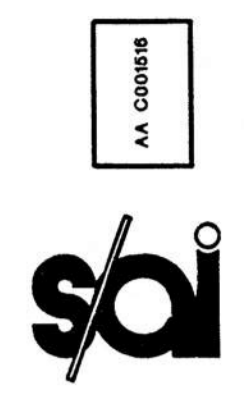


RISER DIAGRAMS - BASEMENT
NOT TO SCALE

KK> X:\005\971361\971361.dwg 07/21/98 08:07
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GAS RISER DIAGRAMS
 NOT TO SCALE

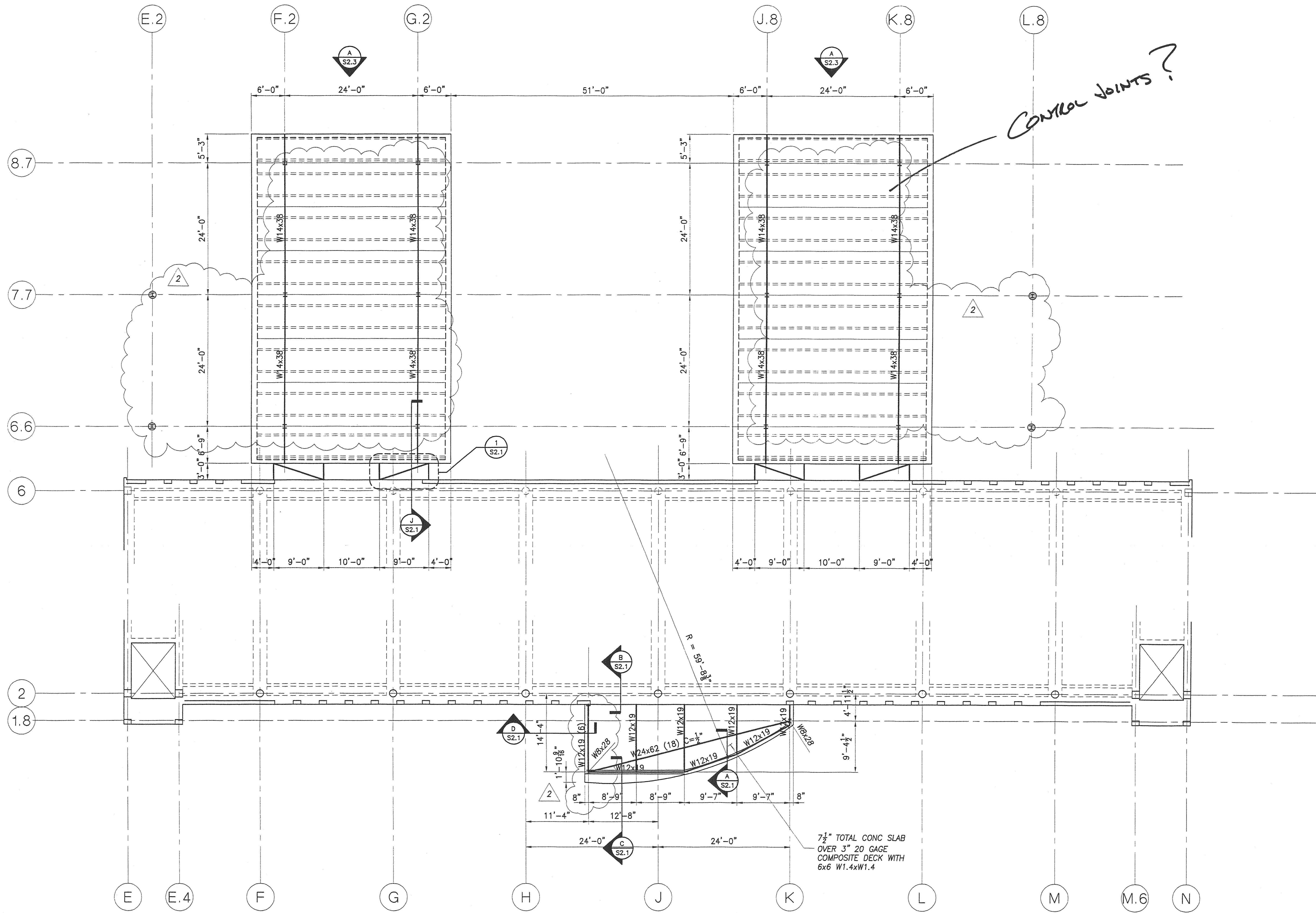


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sheet title: gas riser
 project: central booking and detention facility escambia county, florida
 revisions:
 scale: as shown
 drawn: HM YONGE
 check: HM YONGE
 date: 8/11/98
 project no. 9705

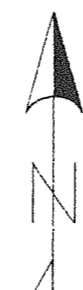
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3rd LEVEL FRAMING PLAN - WEST

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

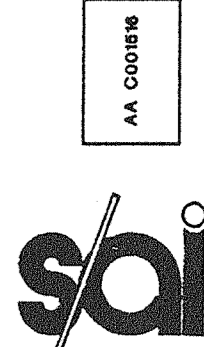


BEAM SIZE
NUMBER OF STUDS
CAMBER

TYPICAL BEAM NOTATION: W12x19 (N) C=1/2"

7 1/2" TOTAL CONC SLAB
OVER 3" 20 GAGE
COMPOSITE DECK WITH
6x6 W1.4xW1.4

CONTROL JOINTS?



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central booking and detention facility
escambia county, florida

project:

WEST END
3rd LEVEL FRAMING PLAN

sheet title:

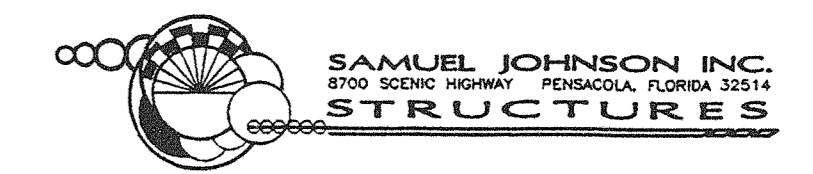
revisions:
2 07-24-98

scale: as shown

drawn:

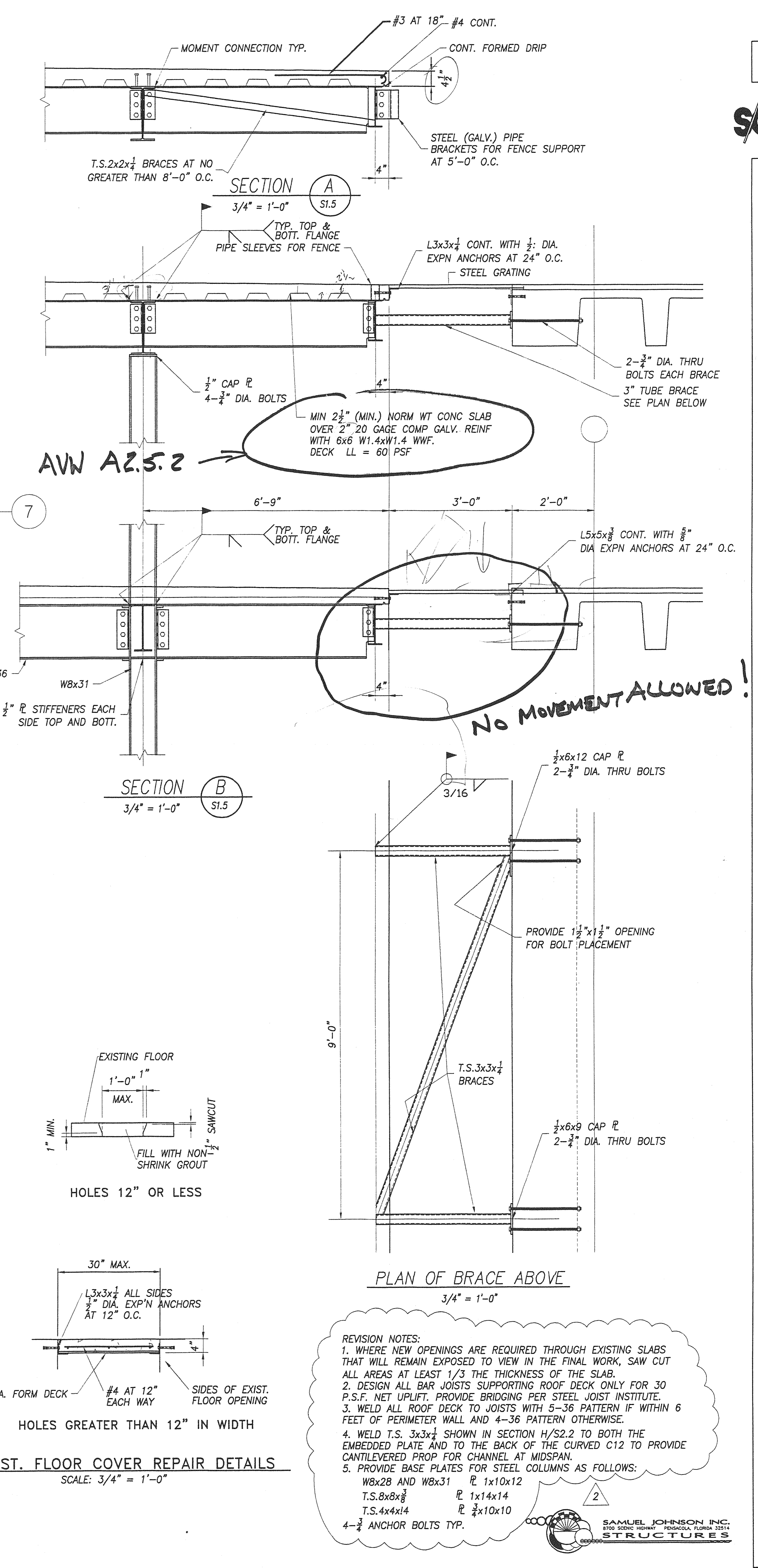
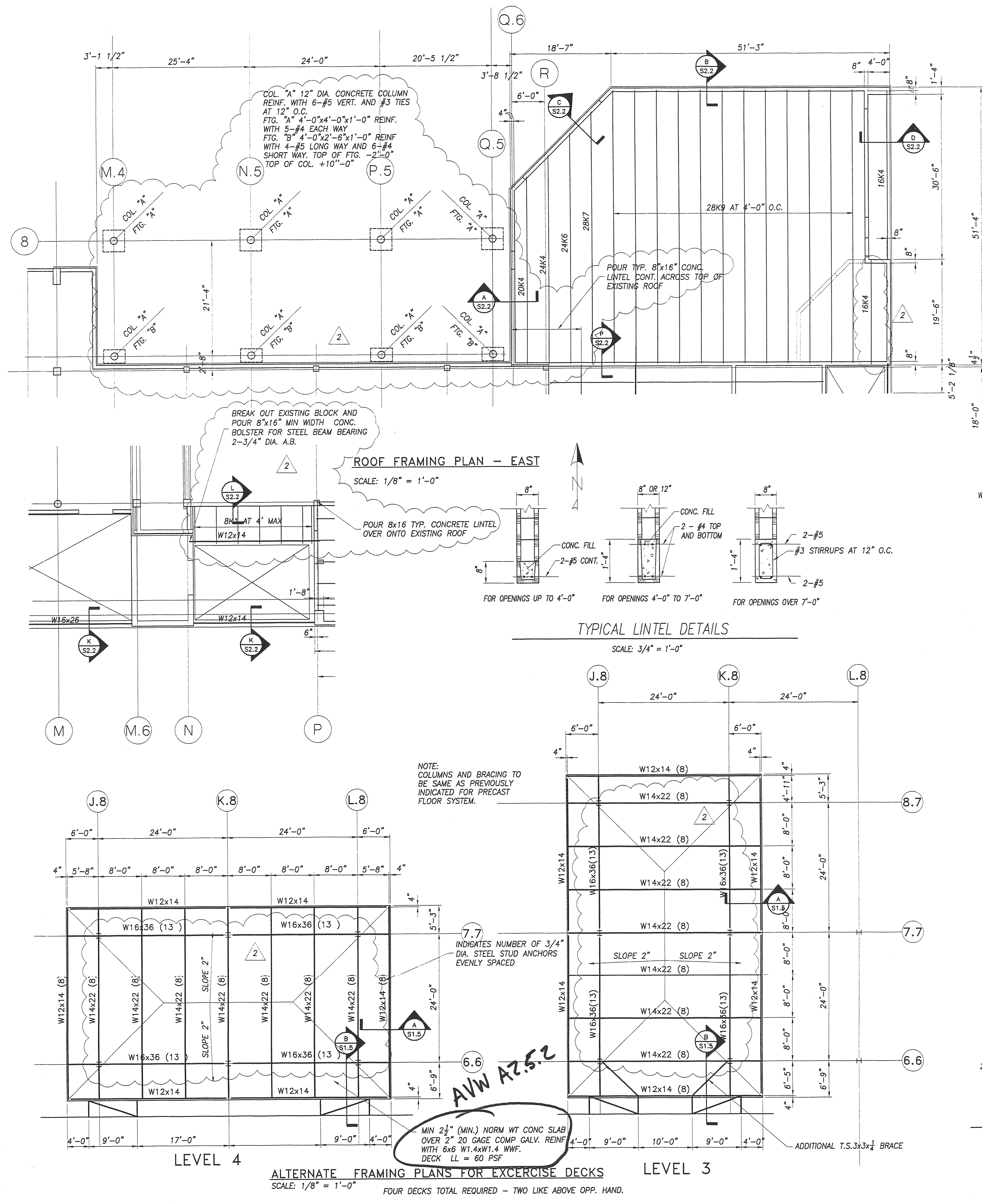
check:

date: 06/08/98
SECOND ISSUE 08/11/98
project no. 9705



S1.3

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central booking and detention facility
escambia county, florida

project:

ALTERNATE FOR EXERCISE DECK AND DETAILS

Sheet title:

revisions:

1	06-10-98
2	07-24-98

scale: as shown

drawn:

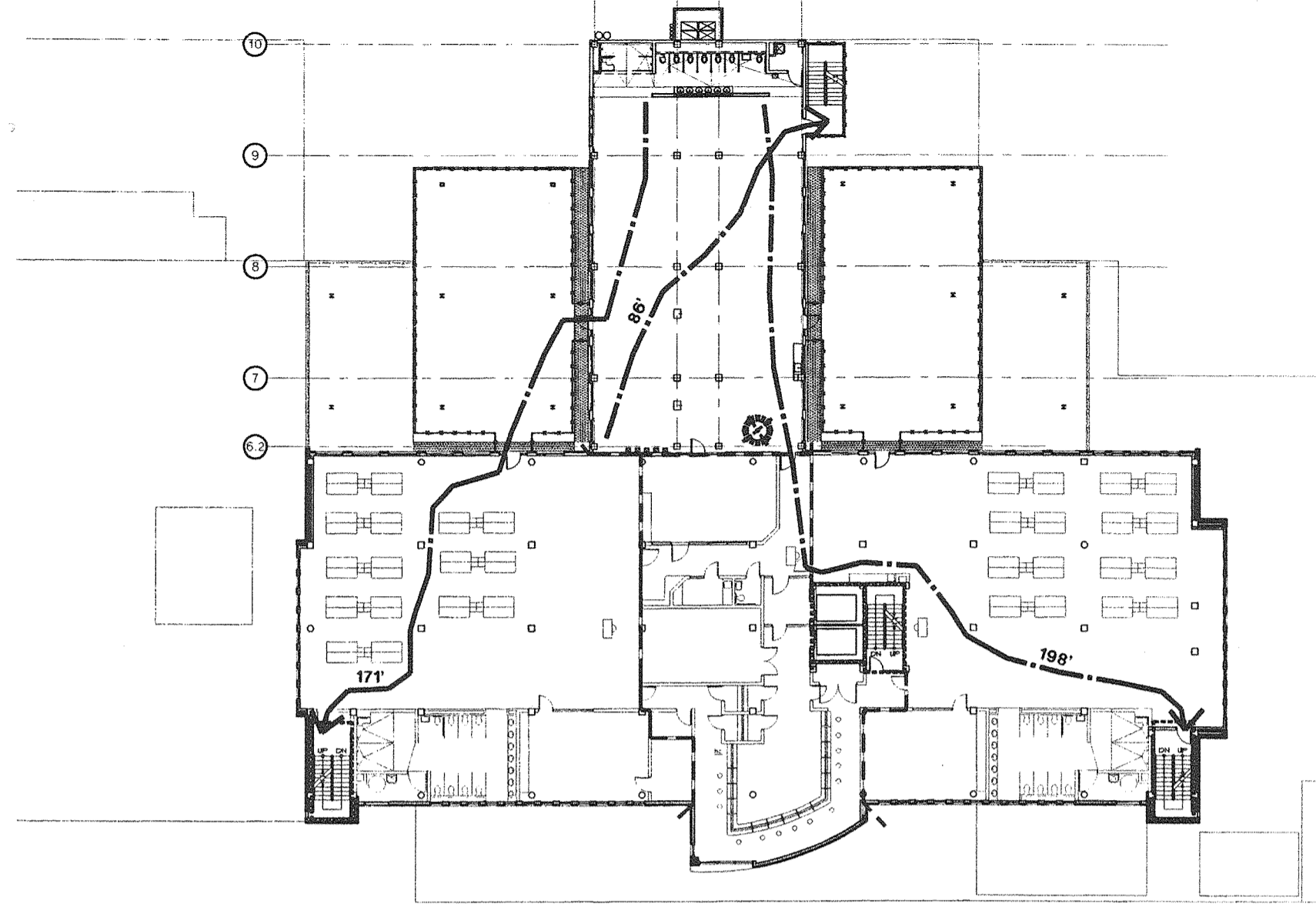
check:

date: 06/08/98
SECOND ISSUE 08/11/98
project no. 9705

STROLLO/ARCHITECTS INCORPORATED 68 S. IVANHOE BLVD. ORLANDO, FL. 32804 (407)423-5355 (407)422-5994(FAX) ARCHITECTURE PLANNING INTERIOR DESIGN CONSTRUCTION SERVICES

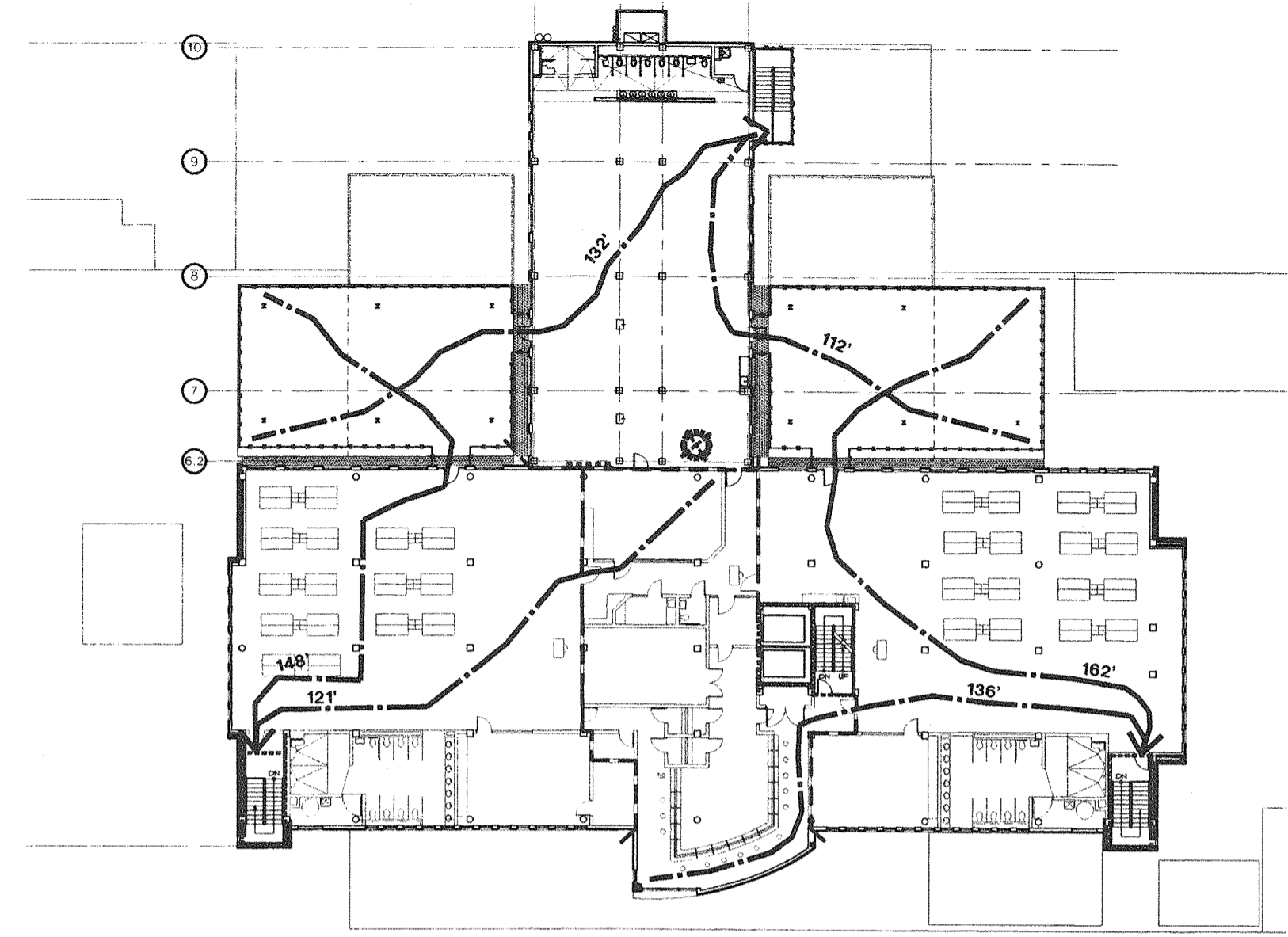
S1.5

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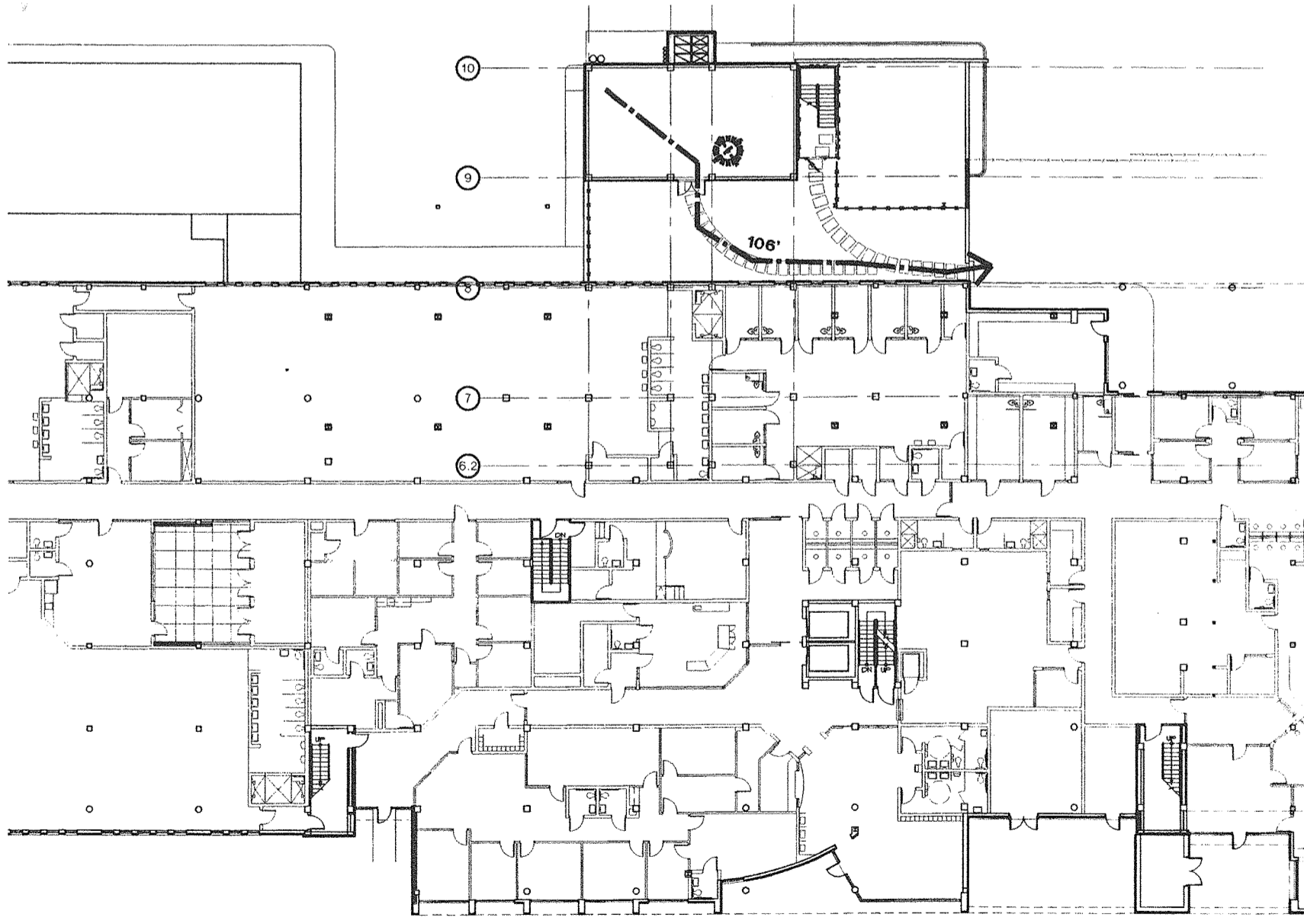
third floor life safety plan

1/16"=1'-0"



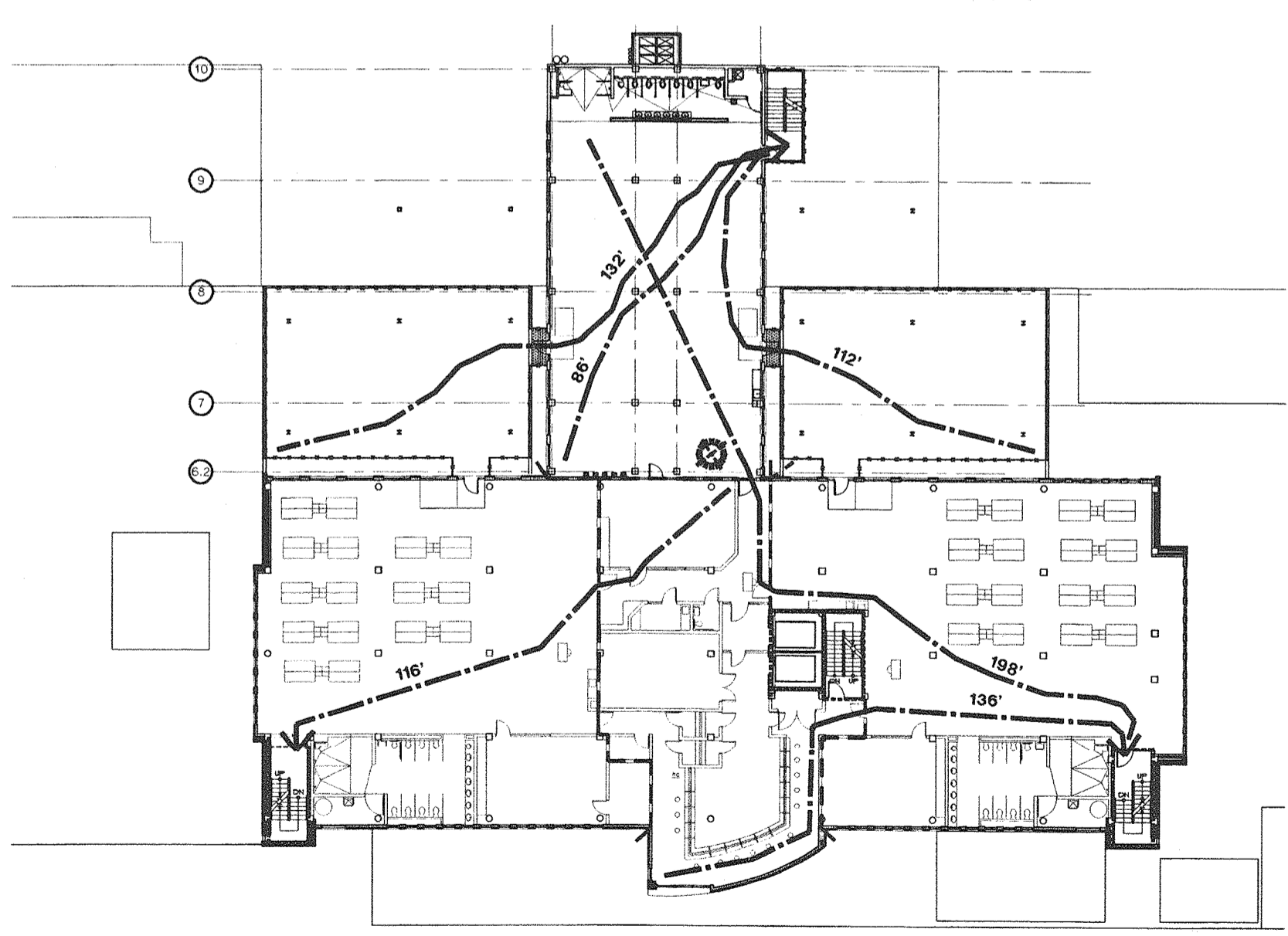
fourth floor life safety plan

1/16"=1'-0"



first floor life safety plan

1/16"=1'-0"



second floor life safety plan

1/16"=1'-0"

building data:

- 103' MEANS OF EGRESS AND EXIT DISTANCE
- FIRE EXTINGUISHER CABINETS (DRY CHEMICAL MULTI PURPOSE)

- SMOKE WALL
- 1 HOUR FIRE WALL CONSTRUCTION - DOORS ARE MIN. 3/4 HOUR 'C' LABEL
- 2 HOUR FIRE WALL CONSTRUCTION - DOORS ARE MIN. 1-1/2 HOUR 'B' LABEL



STROLLO ARCHITECTS INCORPORATED 68 S. MAIN-ICE BLVD. ORLANDO, FL. 32804 (407)423-5355 (407)422-5994(FAX) ARCHITECTURE PLANNING INTERIOR DESIGN CONSTRUCTION SERVICES

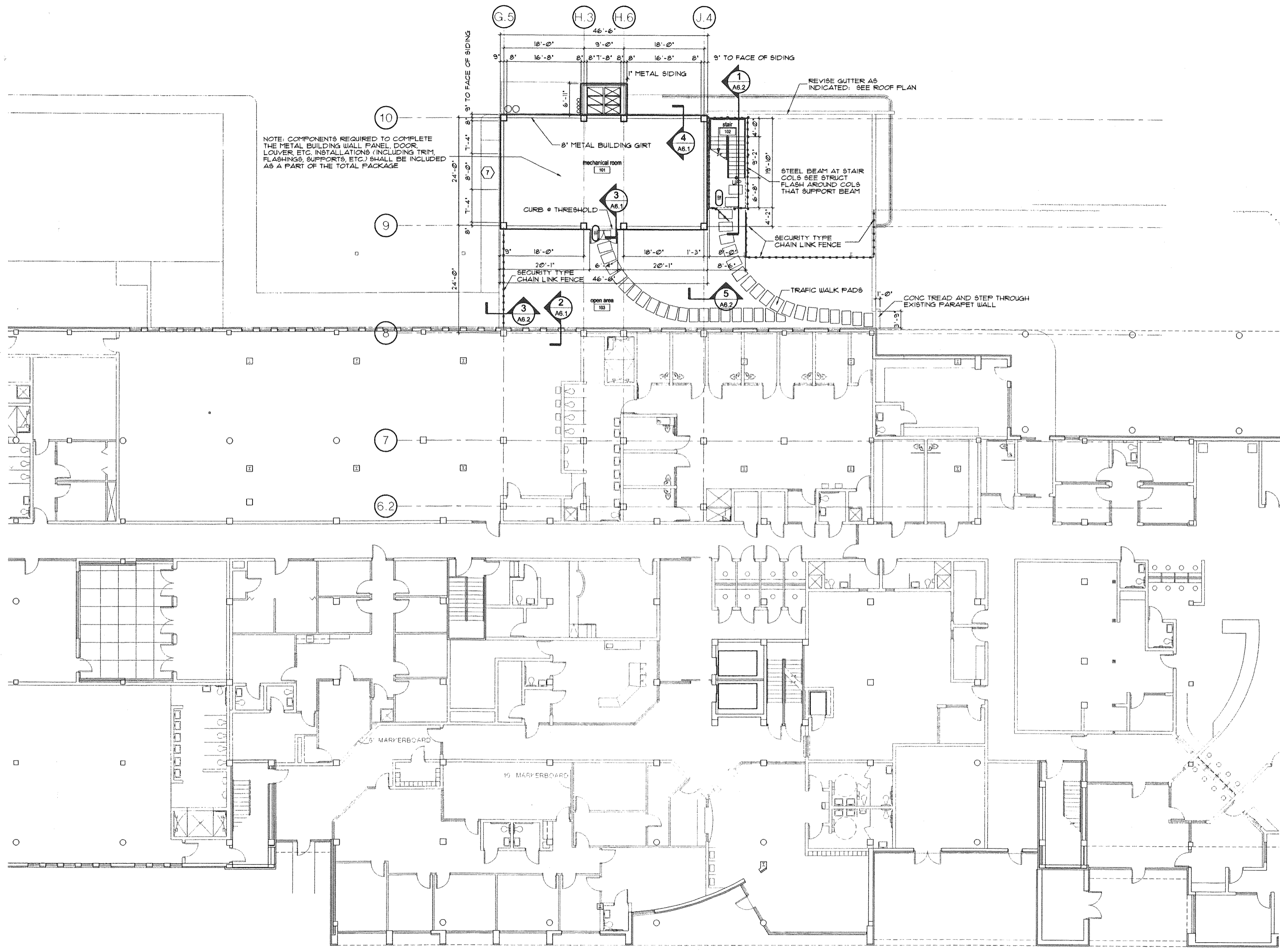
project:
insert housing addition
central booking and detention facility
escambia county, florida

sheet title:
life safety plans
first, second, third & fourth floors

revisions:
scale: as shown
drawn: tkmc
check: ggd
date: 07/12/99
project no. 9705-3

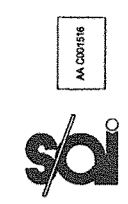
A0.2

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first floor mechanical room

1/8"=1'-0"



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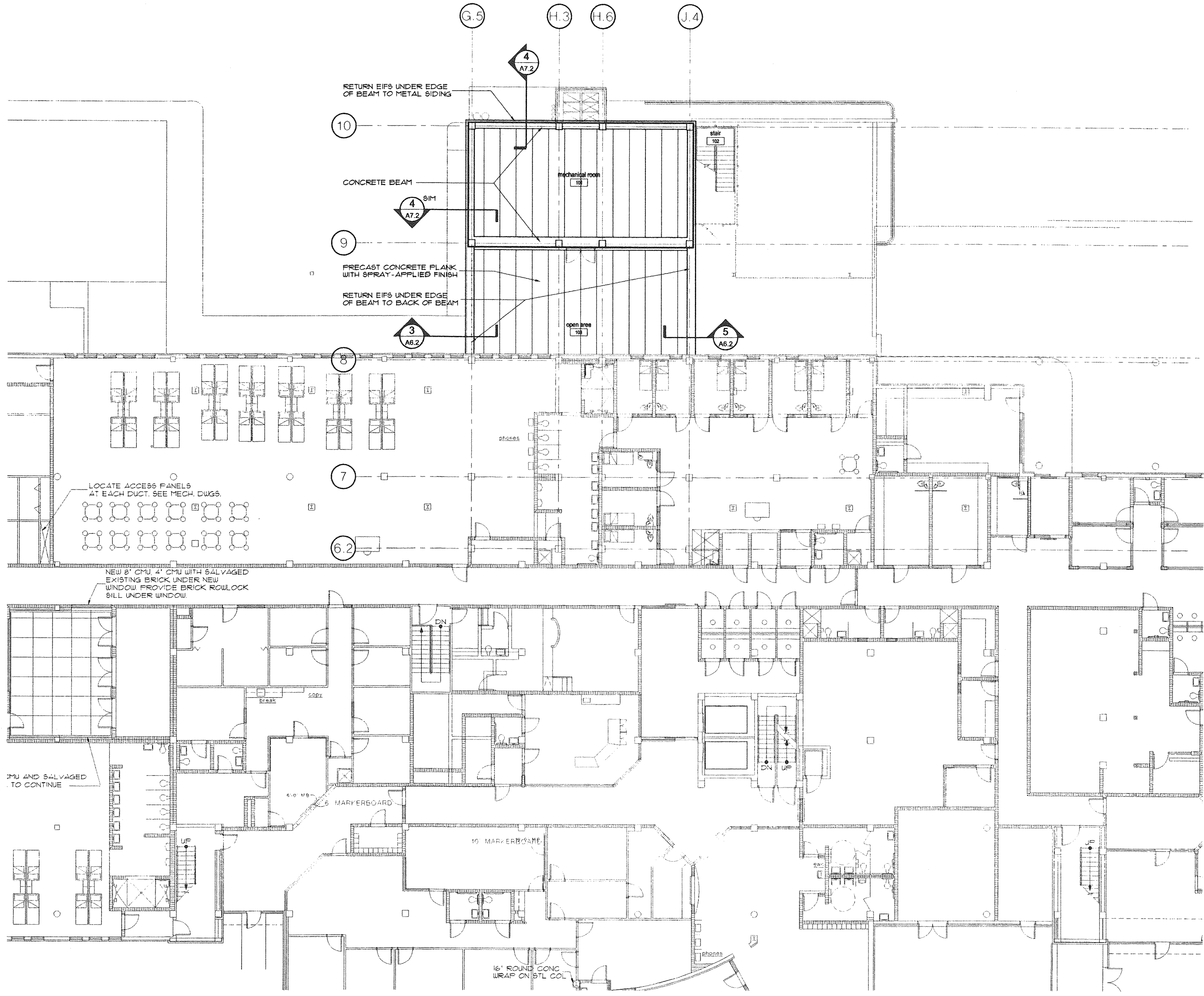
project:
insert housing addition
central booking and detention facility
escambia county, florida

sheet title:
insert housing addition
first floor mechanical room

revisions:
scale: as noted
drawn: tkmc
check: jps
date: 07/12/99
project no. 9705-3

A2.1.1

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first floor reflected ceiling plan

1/8"=1'-0"



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project:
insert housing addition
central booking and detention facility
escambia county, florida

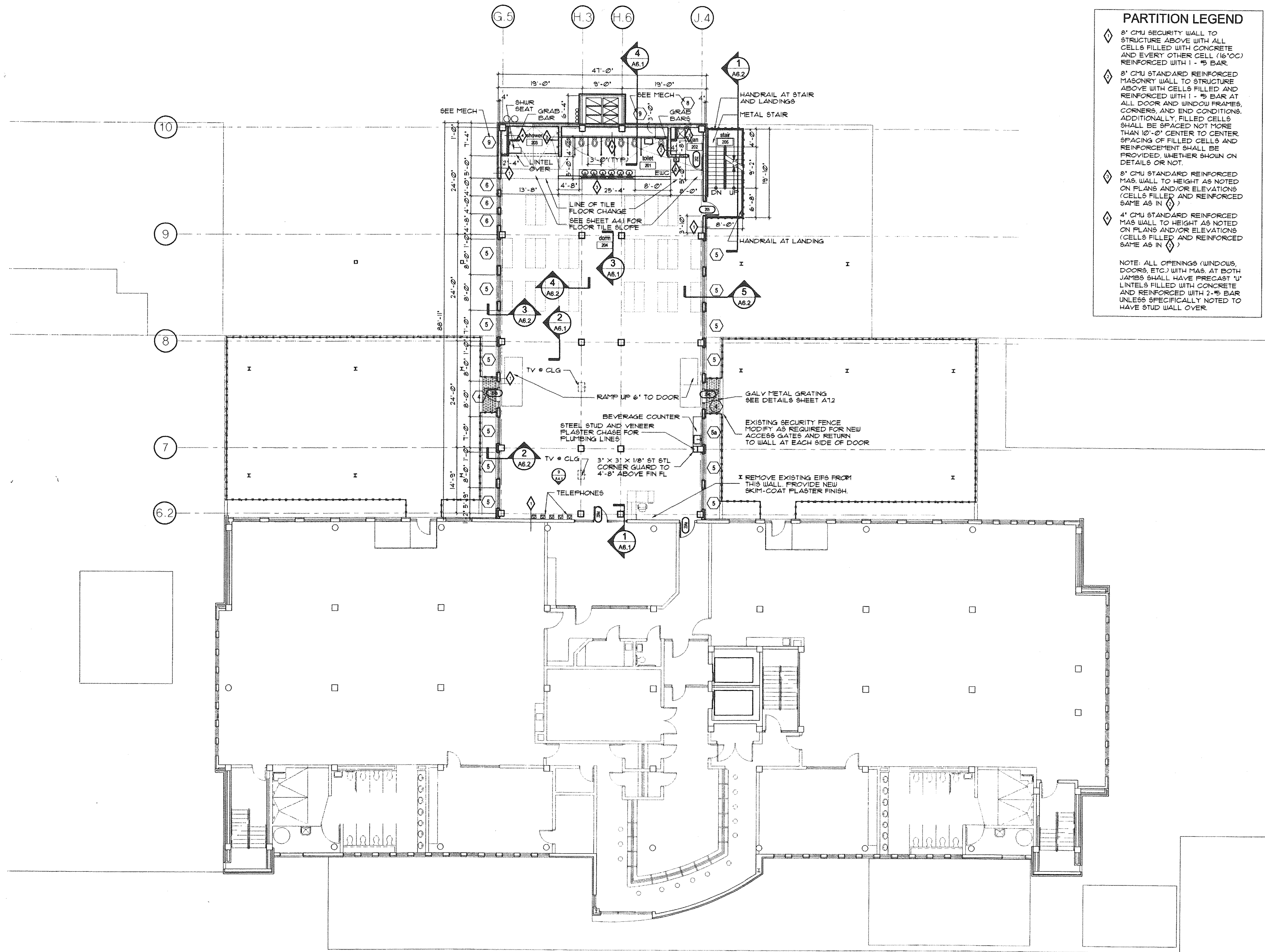
sheet title:
insert housing unit
first floor reflected ceiling plan

revisions:

scale: as noted
drawn: tkmc
check: jps
date: 07/12/99
project no. 9705-3

A2.1.2


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PARTITION LEGEND

- ◇ 8" CMU SECURITY WALL TO STRUCTURE ABOVE WITH ALL CELLS FILLED WITH CONCRETE AND EVERY OTHER CELL (16"OC) REINFORCED WITH 1 - #5 BAR.
- ◇ 8" CMU STANDARD REINFORCED MASONRY WALL TO STRUCTURE ABOVE WITH CELLS FILLED AND REINFORCED WITH 1 - #5 BAR AT ALL DOOR AND WINDOW FRAMES, CORNERS, AND END CONDITIONS. ADDITIONALLY, FILLED CELLS SHALL BE SPACED NOT MORE THAN 10'-0" CENTER TO CENTER SPACING OF FILLED CELLS AND REINFORCEMENT SHALL BE PROVIDED, WHETHER SHOWN ON DETAILS OR NOT.
- ◇ 8" CMU STANDARD REINFORCED MAS. WALL TO HEIGHT AS NOTED ON PLANS AND/OR ELEVATIONS (CELLS FILLED) AND REINFORCED SAME AS IN ()
- ◇ 4" CMU STANDARD REINFORCED MAS WALL TO HEIGHT AS NOTED ON PLANS AND/OR ELEVATIONS (CELLS FILLED) AND REINFORCED SAME AS IN ()

NOTE: ALL OPENINGS (WINDOWS, DOORS, ETC.) WITH MAS. AT BOTH JAMBS SHALL HAVE PRECAST 'U' LINTELS FILLED WITH CONCRETE AND REINFORCED WITH 2-#5 BAR UNLESS SPECIFICALLY NOTED TO HAVE STUD WALL OVER.


 project: insert housing addition
 central booking and detention facility
 escambia county, florida

insert housing addition
second floor plan

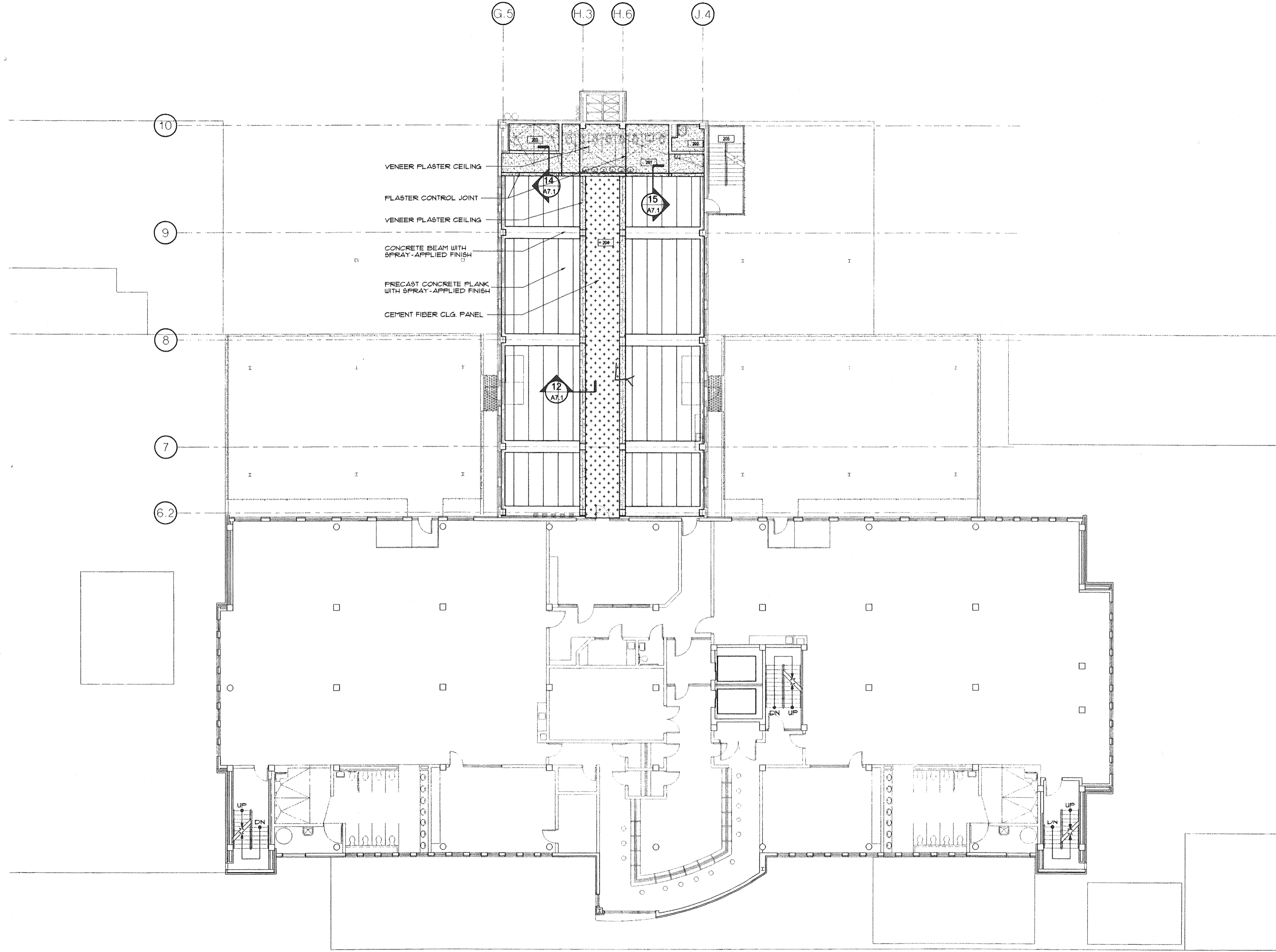
sheet title: **second floor plan**
 revisions:
 scale: as noted
 drawn: tkmc
 check: jps
 date: 07/12/99
 project no. 9705-3

STROLLO/ARCHITECTS INCORPORATED 66 S. VANHOE BLVD. ORLANDO, FL. 32804 (407)423-5385 (407)422-5994(FAX) ARCHITECTURE PLANNING INTERIOR DESIGN CONSTRUCTION SERVICES
A2.2.1

second floor plan

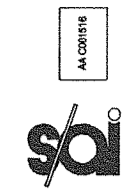
1/8"=1'-0"

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second floor reflected ceiling plan

1/8"=1'-0"



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project: insert housing addition
central booking and detention facility
escambia county, florida

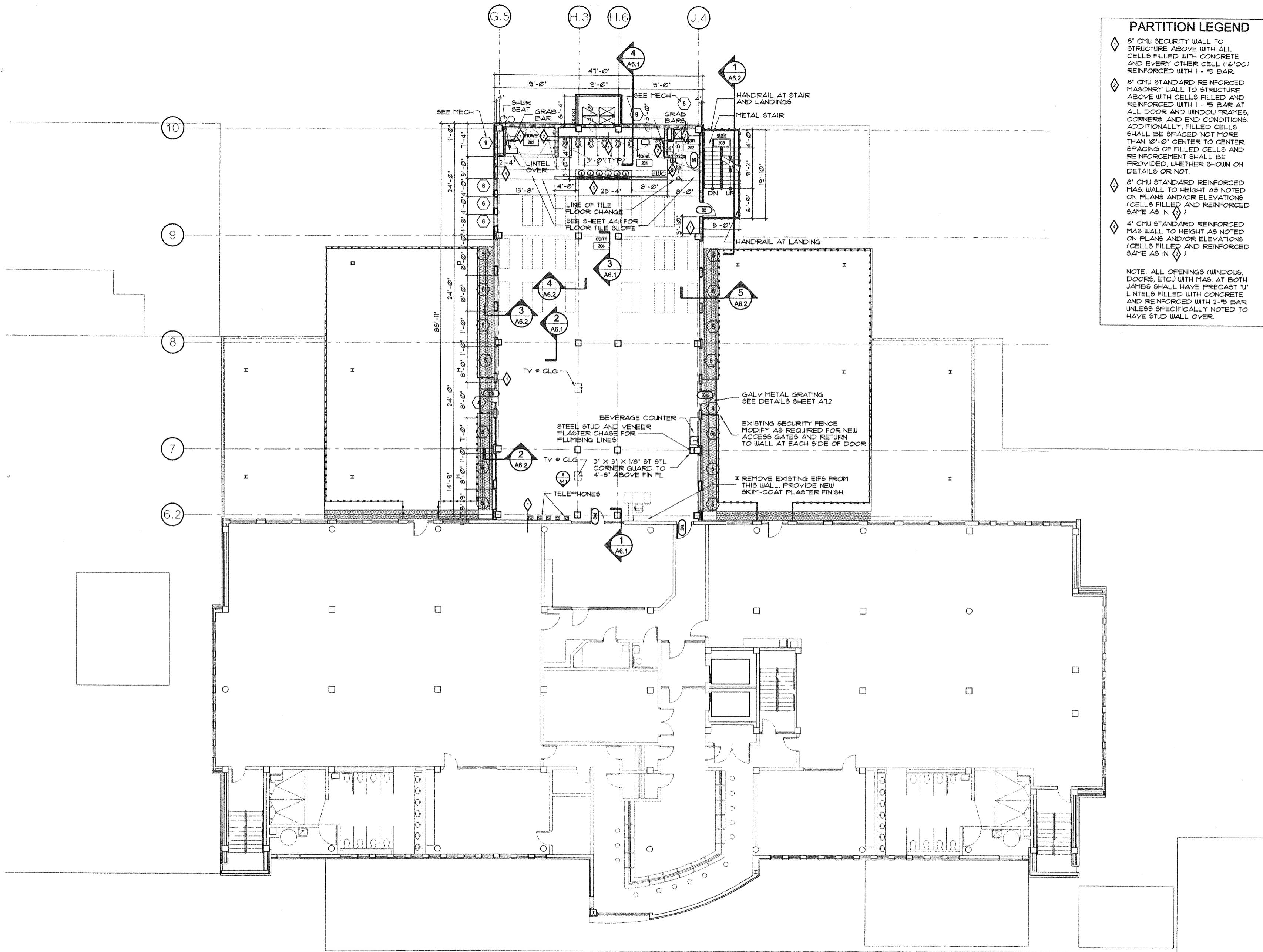
sheet title:
insert housing unit
second floor reflected ceiling plan

revisions:

scale: as noted
drawn: tkmc
check: jps
date: 07/12/99
project no. 9705-3

A2.2.2

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PARTITION LEGEND

- ◇ 8' CMU SECURITY WALL TO STRUCTURE ABOVE WITH ALL CELLS FILLED WITH CONCRETE AND EVERY OTHER CELL (16'OC) REINFORCED WITH 1 - #5 BAR.
- ◇ 8' CMU STANDARD REINFORCED MASONRY WALL TO STRUCTURE ABOVE WITH CELLS FILLED AND REINFORCED WITH 1 - #5 BAR AT ALL DOOR AND WINDOW FRAMES, CORNERS, AND END CONDITIONS. ADDITIONALLY, FILLED CELLS SHALL BE SPACED NOT MORE THAN 10'-0" CENTER TO CENTER. SPACING OF FILLED CELLS AND REINFORCEMENT SHALL BE PROVIDED, WHETHER SHOWN ON DETAILS OR NOT.
- ◇ 8' CMU STANDARD REINFORCED MAS WALL TO HEIGHT AS NOTED ON PLANS AND/OR ELEVATIONS (CELLS FILLED AND REINFORCED SAME AS IN ◇)
- ◇ 4' CMU STANDARD REINFORCED MAS WALL TO HEIGHT AS NOTED ON PLANS AND/OR ELEVATIONS (CELLS FILLED AND REINFORCED SAME AS IN ◇)

NOTE: ALL OPENINGS (WINDOWS, DOORS, ETC.) WITH MAS. AT BOTH JAMBS SHALL HAVE PRECAST 'U' LINTELS FILLED WITH CONCRETE AND REINFORCED WITH 2-#5 BAR UNLESS SPECIFICALLY NOTED TO HAVE STUD WALL OVER.



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project:
insert housing addition
central booking and detention facility
escambia county, florida

sheet title:
insert housing addition
third floor plan

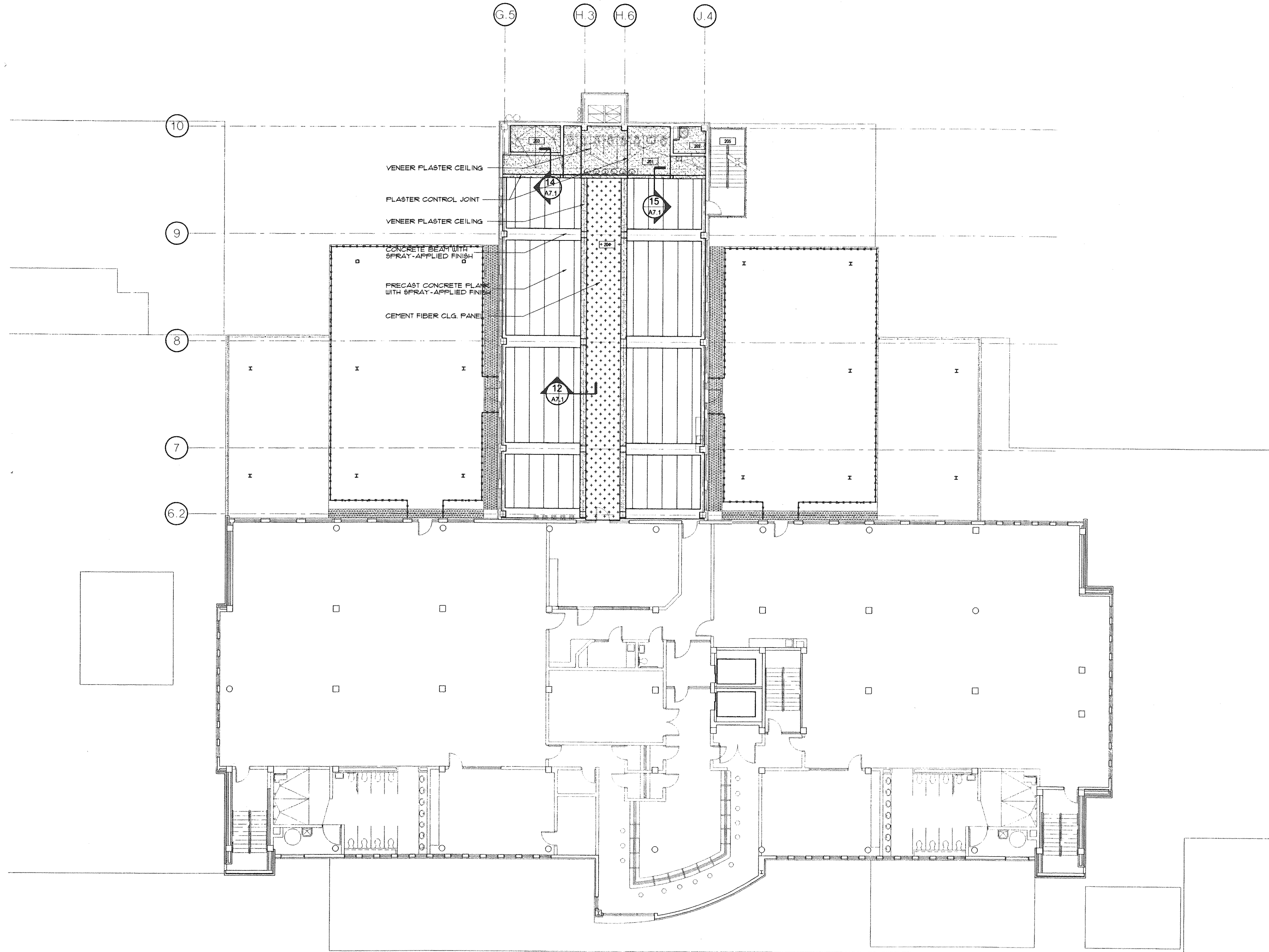
revisions:
scale: as noted
drawn: tmc
check: jps
date: 07/12/99
project no. 9705-3

third floor plan

1/8"=1'-0"

A2.3.1

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third floor reflected ceiling plan

1/8"=1'-0"



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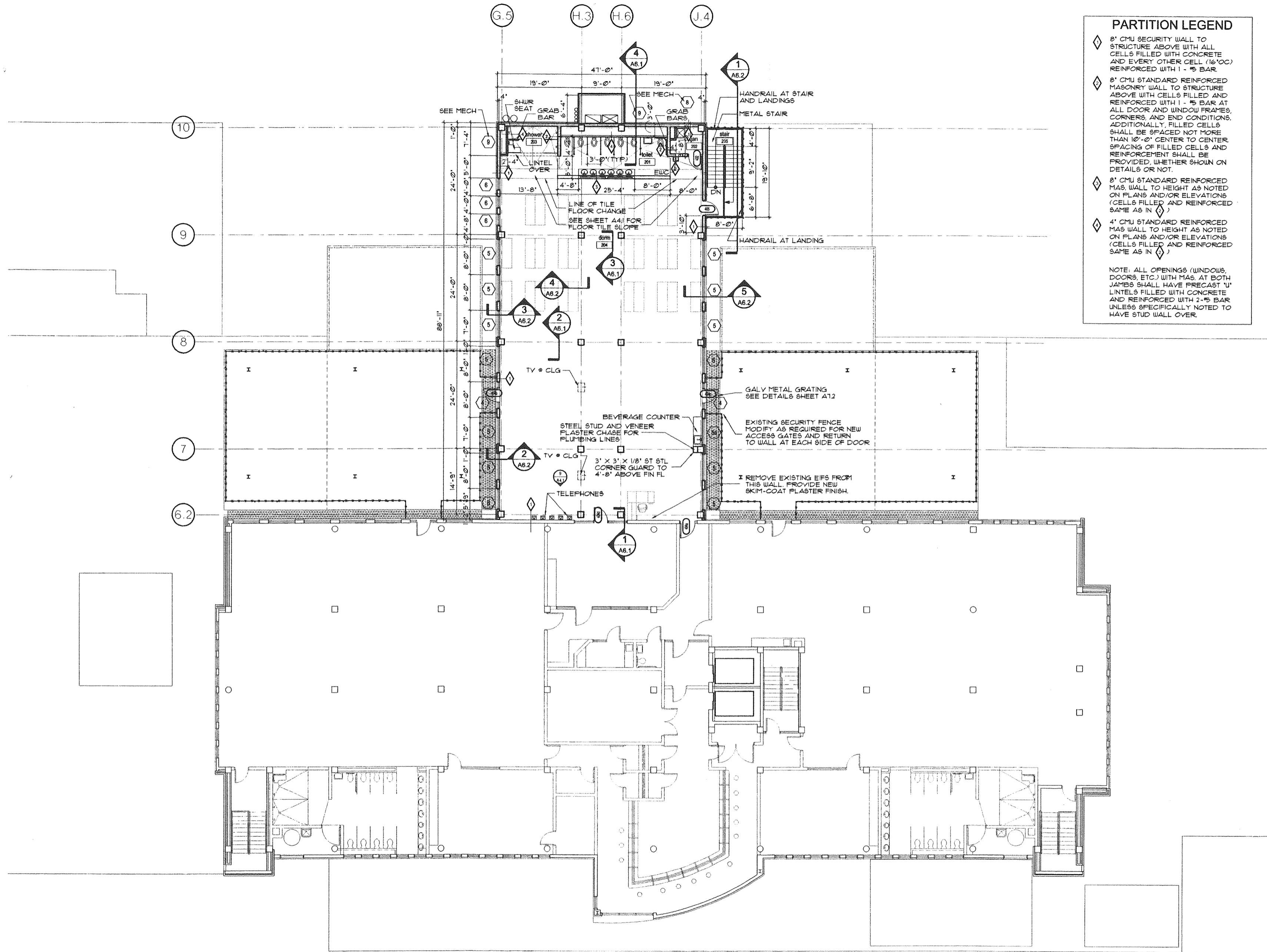
project: insert housing addition
central booking and detention facility
escambia county, florida

sheet title:
insert housing unit
third floor reflected ceiling plan

revisions:
scale: as noted
drawn: tkmc
check: jps
date: 07/12/99
project no. 9705-3

A2.3.2

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PARTITION LEGEND

- ◆ 8' CMU SECURITY WALL TO STRUCTURE ABOVE WITH ALL CELLS FILLED WITH CONCRETE AND EVERY OTHER CELL (16"OC) REINFORCED WITH 1 - #5 BAR.
- ◆ 8' CMU STANDARD REINFORCED MASONRY WALL TO STRUCTURE ABOVE WITH CELLS FILLED AND REINFORCED WITH 1 - #5 BAR AT ALL DOOR AND WINDOW FRAMES, CORNERS, AND END CONDITIONS. ADDITIONALLY, FILLED CELLS SHALL BE SPACED NOT MORE THAN 10'-0" CENTER TO CENTER SPACING OF FILLED CELLS AND REINFORCEMENT SHALL BE PROVIDED, WHETHER SHOWN ON DETAILS OR NOT.
- ◆ 8' CMU STANDARD REINFORCED MAS. WALL TO HEIGHT AS NOTED ON PLANS AND/OR ELEVATIONS (CELLS FILLED AND REINFORCED SAME AS IN ◆)
- ◆ 4' CMU STANDARD REINFORCED MAS WALL TO HEIGHT AS NOTED ON PLANS AND/OR ELEVATIONS (CELLS FILLED AND REINFORCED SAME AS IN ◆)

NOTE: ALL OPENINGS (WINDOWS, DOORS, ETC.) WITH MAS. AT BOTH JAMBS SHALL HAVE PRECAST 'U' LINTELS FILLED WITH CONCRETE AND REINFORCED WITH 2-#5 BAR UNLESS SPECIFICALLY NOTED TO HAVE STUD WALL OVER.

fourth floor plan

1/8"=1'-0"



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project:
insert housing addition
central booking and detention facility
escambia county, florida

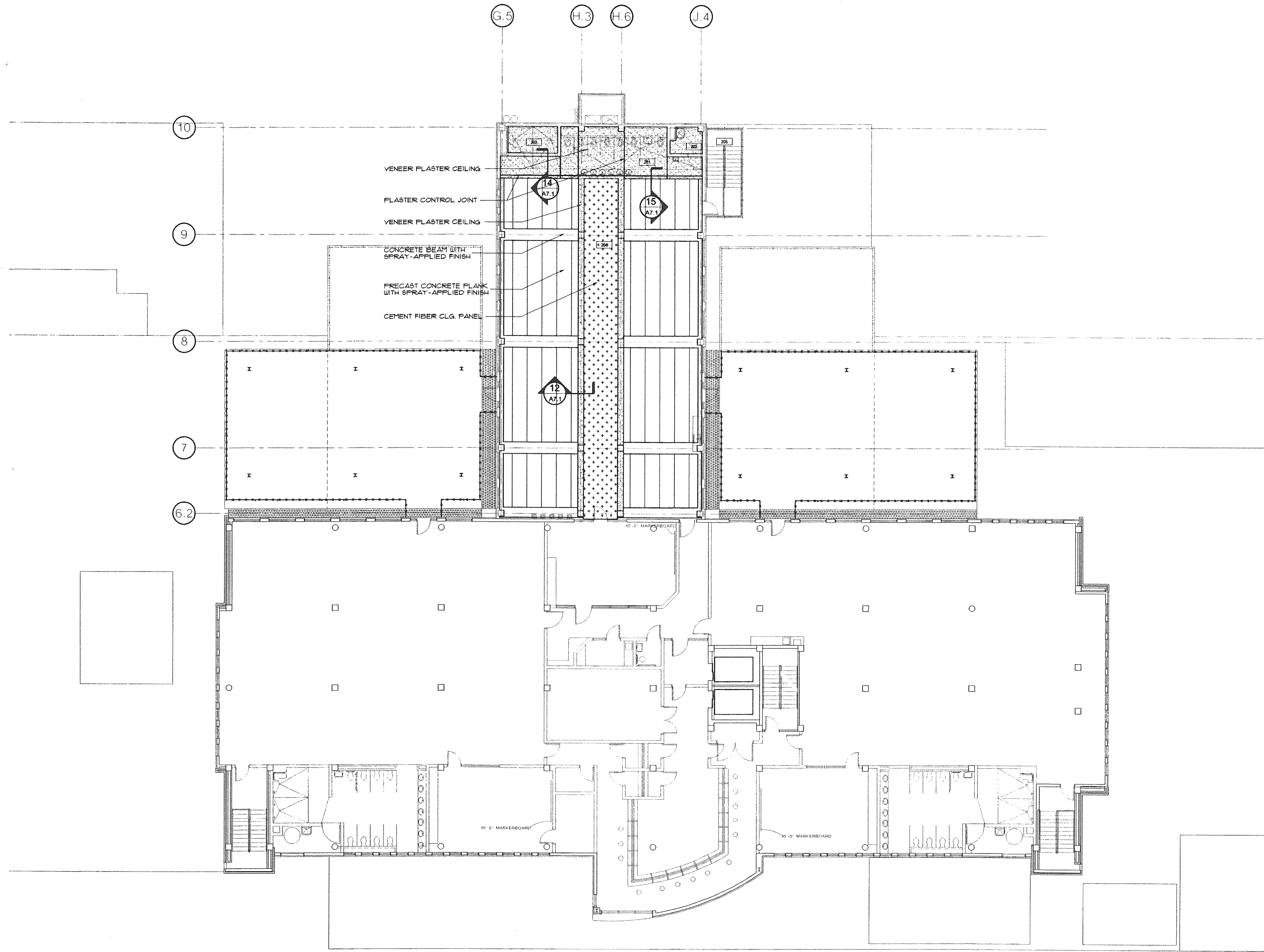
sheet title:
insert housing addition
fourth floor plan

revisions:

scale: as noted
drawn: tkmc
check: jps
date: 07/12/99
project no. 9705-3

A2.4.1

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fourth floor reflected ceiling plan

1/8"=1'-0"



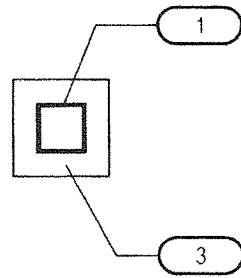
STROLLO ARCHITECTS INCORPORATED 68 S. IVANHOE BLVD. ORLANDO, FL. 32804 (407)423-5355 (407)422-5994(FAX) ARCHITECTURE PLANNING INTERIOR DESIGN CONSTRUCTION SERVICES

project: insert housing addition
central booking and detention facility
escambia county, florida
sheet title: insert housing unit
fourth floor reflected ceiling plan
revisions:
scale: as noted
drawn: tkmc
check: jps
date: 07/12/99
project no. 9705-3

A2.4.2

U.L. NO. Y707

RATING - 3/4, 1, 1-1/2, 2, 3 & 4 HR



- Steel Pipe or Tube Column - Steel circular pipe with a diam (OD) ranging from a min of 3 in to a max of 32 in with a min wall thickness of 3/16 in. Steel square or rectangular tube with outside wall dimensions ranging from a min 3 in to a max of 32 in and a min wall thickness of 3/16 in. The A/P ratio of the steel pipe or tube (see item 2) shall range from 0.18 to 2.0.
- Cementitious Mixture - Applied by spraying with water and spraying in one or more coat to steel surfaces which are clean and free of dirt, loose scale, and oil. Min avg and min ind density of 15/14 pcf respectively. For method of density determination, see Design Information Section, Sprayed Materials. The hourly rating of the structural member is dependent upon the ratio of A/P and the thickness of the cementitious mixture, where A is the cross sectional area of the pipe or tube and P is the heated perimeter.

The A/P ratio of a circular pipe is determined by:

$$A/P \text{ pipe} = \frac{t(d-t)}{d}$$

Where:
d is the outer diameter of the pipe (in)
t is the wall thickness of the pipe (in)

The A/P ratio of a rectangular of square tube is determined by:

$$A/P \text{ tube} = \frac{t(a+b-2t)}{a+b}$$

Where:
a is the outer width of the tube (in)
b is the outer length of the tube (in)
t is the wall thickness of the tube (in)

The thickness of the cementitious mixture for ratings of 3/4, 1, 1-1/2, 2, 3, and 4 h of a steel pipe or tube can be determined by the equation:

$$h = \frac{R - 0.20}{4.43 (A/P)}$$

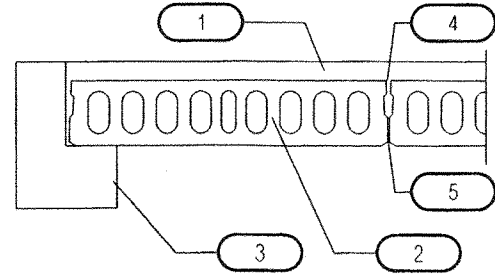
Where:
h is the hourly rating (hrs)
h is the thickness of the cementitious mixture, minimum 1/4 in., maximum 3-7/8 in.

Carbolite Co. - Type 15.
Carbolite Korea Ltd. - Type 15.
Carbolite Middle East C. L. C. - Type 15.
Carbolite Southeast Asia Pte, Ltd. - Type 15.

*Bearing the UL Classification Marking

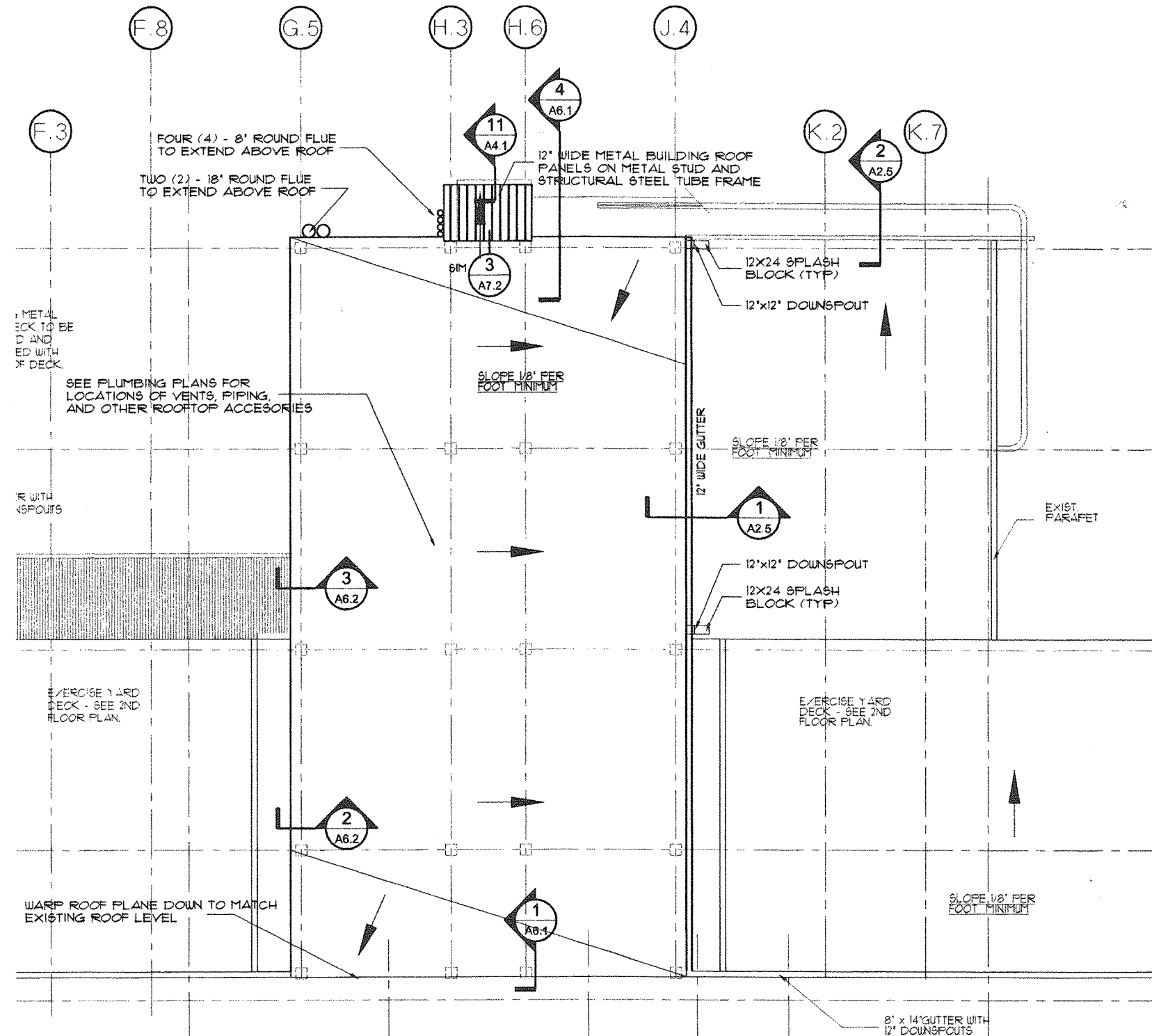
U.L. NO. J902

RESTRAINED ASSEMBLY RATING - 3 HR
UNRESTRAINED ASSEMBLY RATING - 1-1/2 HR

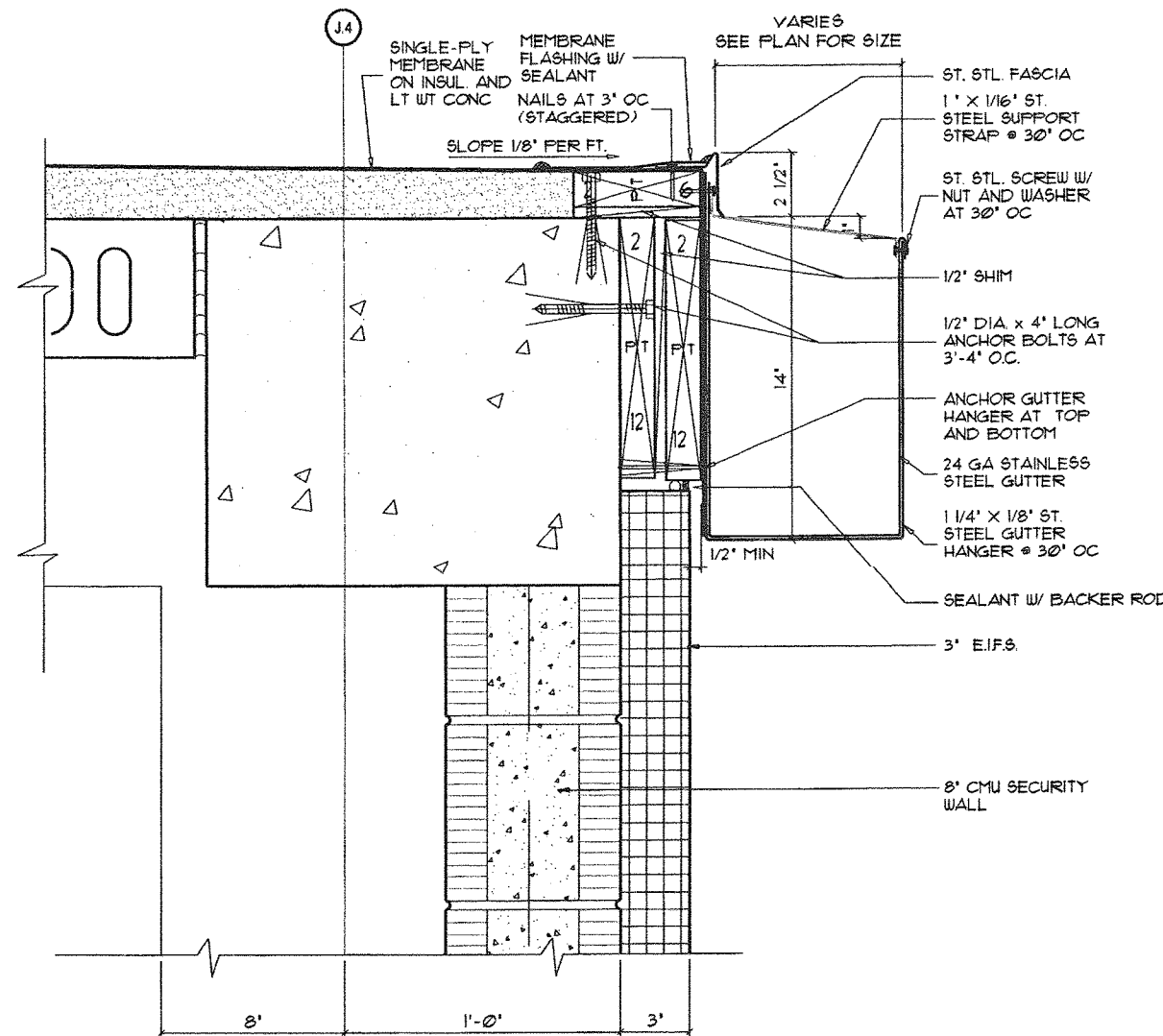


- Concrete Topping - 3000 psi compressive strength, 150 ± 3 pcf unit weight
- Precast Concrete Units - carbonate aggregate, cross section similar to above illustration. See Precast Concrete Units category for names of manufacturers.
- Minimum Bearing - 1-1/2 in
- Grout - Sand cement grout, 3500 psi. Grout stop used to keep grout from bottom 3-1/2 in of joint. Weld tie plates instead of or in conjunction with grout.
- Clearance - Between slabs at bottom full length of joint, 1/16 in min, 1/4 in max. *Bearing the UL Classification Marking

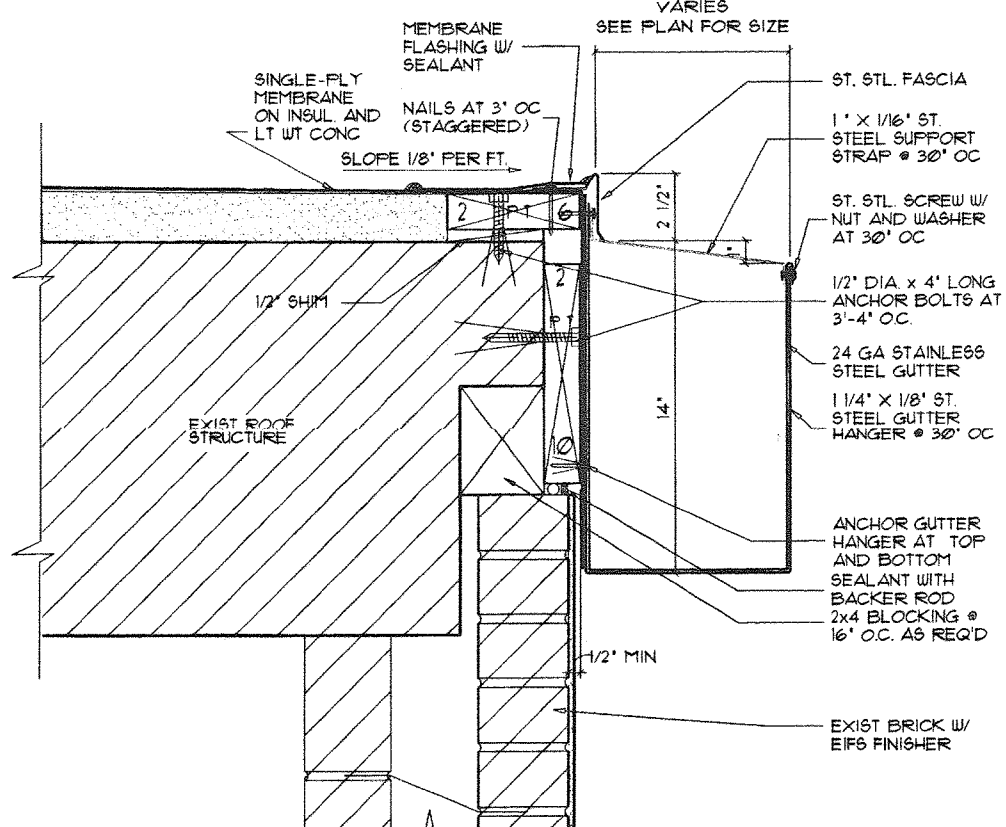
Rating Hr	Topping Thickness - in.
1-1/2	0
3	2



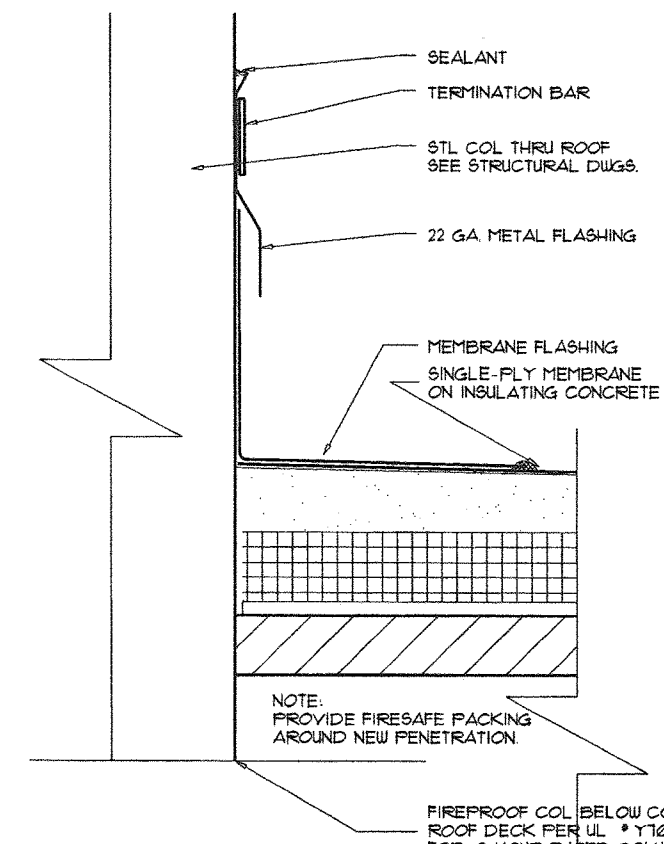
partial roof plan



1 roof edge detail



2 roof edge detail



3 stair beam support detail

STROLLO ARCHITECTS INCORPORATED 66 S. IVANHOE BLVD. ORLANDO, FL. 32804 (407)423-5355 (407)422-5994(FAX) ARCHITECTURE PLANNING INTERIOR DESIGN CONSTRUCTION SERVICES
 project: insert housing addition central booking and detention facility escambia county, florida
 sheet title: insert housing addition roof plan and details
 revisions:
 scale: as noted
 drawn: tkmc
 check: jps
 date: 07/12/99
 project no. 9705-3
A2.5

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room#	space name	ROOM FINISH SCHEDULE												dg.ht.	notes & remarks		
		floor		base		north wall		east wall		south wall		west wall				ceiling	
		matl.	finish	matl.	finish	matl.	finish	matl.	finish	matl.	finish	matl.	finish	matl.	finish		
FIRST FLOOR																	
101	mechanical room	conc	sealer	none	n/a	mat prt	profil	mat prt	profil	mat prt	profil	mat prt	profil	conc str	paint	11'-4"	
102	stair	conc	sealer	none	n/a	chain link	galv	chain link	galv	chain link	galv	chain link	galv	conc str	paint	varies	
103	open area	roofing	—	none	n/a	mat prt	profil	none	n/a	mat prt	profil	none	n/a	conc str	acid	11'-4"	walkway troughs at floor
SECOND FLOOR																	
201	toilet	cer tile	sealer	cer tile	sealer	cmu	paint	cmu	paint	cmu	paint	cmu	paint	vplas	paint	8'-0"	
202	jan	conc	sealer	none	n/a	cmu	paint	cmu	paint	cmu	paint	cmu	paint	conc str	paint	11'-4"	
203	shower	cer tile	sealer	cer tile	sealer	cer tile	sealer	cer tile	sealer	cer tile	sealer	shwr prt	fact	cer tile	sealer	vplas	paint
204	drm	conc	cem top	none	n/a	cmu	paint	cmu	paint	cmu	paint	cmu	paint	conc str	acid	11'-4"	8'-0" @ sofft areas w/ cipc
205	stair	steel stair	paint	none	n/a	chain link	galv	chain link	galv	chain link	galv	chain link	galv	steel stair	paint	varies	
THIRD FLOOR																	
301	toilet	cer tile	sealer	cer tile	sealer	cmu	paint	cmu	paint	cmu	paint	cmu	paint	vplas	paint	8'-0"	
302	jan	conc	sealer	none	n/a	cmu	paint	cmu	paint	cmu	paint	cmu	paint	conc str	paint	11'-4"	
303	shower	cer tile	sealer	cer tile	sealer	cer tile	sealer	cer tile	sealer	cer tile	sealer	shwr prt	fact	cer tile	sealer	vplas	paint
304	drm	conc	cem top	none	n/a	cmu	paint	cmu	paint	cmu	paint	cmu	paint	conc str	acid	11'-4"	8'-0" @ sofft areas w/ cipc
305	stair	steel stair	paint	none	n/a	chain link	galv	chain link	galv	chain link	galv	chain link	galv	steel stair	paint	varies	
FOURTH FLOOR																	
401	toilet	cer tile	sealer	cer tile	sealer	cmu	paint	cmu	paint	cmu	paint	cmu	paint	vplas	paint	8'-0"	
402	jan	conc	sealer	none	n/a	cmu	paint	cmu	paint	cmu	paint	cmu	paint	conc str	paint	11'-4"	
403	shower	cer tile	sealer	cer tile	sealer	cer tile	sealer	cer tile	sealer	cer tile	sealer	shwr prt	fact	cer tile	sealer	vplas	paint
404	drm	conc	cem top	none	n/a	cmu	paint	cmu	paint	cmu	paint	cmu	paint	conc str	acid	11'-4"	8'-0" @ sofft areas w/ cipc
405	stair	steel stair	paint	none	n/a	chain link	galv	chain link	galv	chain link	galv	chain link	galv	steel stair	paint	varies	

ABBREVIATION LEGEND

- cipc = cement fiber panel ceiling
- cem top = integrally colored cement topping
- cer tile = ceramic tile
- conc = concrete
- cmu = concrete masonry unit
- conc str = concrete structure
- fact = factory finished
- galv = galvanized
- sacd = spray-applied cementitious finish
- shwr prt = shower partition
- vplas = veneer plaster

DOOR NO.	NOM DOOR OP'NG	DOOR & FRAME DESCRIPTION										DOOR OPERATION						
		DOOR TYPE	DOOR CONSTRUCTION	DOOR FINISH	GLASS TYPE	RATING OF OPENING	FRAME ELEVATION	CLOSER	HARDWARE GROUP	HANDICAP ASSISTED	ELECTRICALLY OPERATED	ELECTRIC LOCK	MANUAL LOCK	KEY TYPE	POSITION SWITCH	INTERLOCK NUMBER	ON FIRE ROUTE	REMARKS
FIRST FLOOR																		
101	PWR 2'0" X 8'0" X 1 3/4"	A	S	P														6
102	4'0" X 7'0" CHAIN LINK GATE	D	G	G					NA	DN		Y	Y		P	1	Y	1.60
SECOND FLOOR																		
201	2'0" X 8'0" X 1 3/4"	A	S	P														
201a	2'4" X 8'0" X 2"	C	C	P	PC2						Y	Y		M	Y	18	Y	3.5, 6
201b	2'0" X 8'0" X 2"	C	C	P	PC2						Y	Y		M	Y			3.5
201c	2'0" X 8'0" X 2"	C	C	P	PC2						Y	Y		M	Y			3.5
201d	2'0" X 8'0" X 1 3/4"	C	S	P	PC1						Y	S						VERIFY WIDTH
201e	2'0" X 8'0" X 2"	D	C	P	PC2						Y	Y		M	Y	1	Y	3.5
THIRD FLOOR																		
301	2'0" X 8'0" X 1 3/4"	A	S	P														
301a	2'4" X 8'0" X 2"	C	C	P	PC2						Y	Y		M	Y	18	Y	3.5, 6
301b	2'0" X 8'0" X 2"	C	C	P	PC2						Y	Y		M	Y			3.5
301c	2'0" X 8'0" X 2"	C	C	P	PC2						Y	Y		M	Y			3.5
301d	2'0" X 8'0" X 1 3/4"	C	S	P	PC1						Y	S						VERIFY WIDTH
301e	2'0" X 8'0" X 2"	D	C	P	PC2						Y	Y		M	Y	1	Y	3.5
FOURTH FLOOR																		
401	2'0" X 8'0" X 1 3/4"	A	S	P														
401a	2'4" X 8'0" X 2"	C	C	P	PC2						Y	Y		M	Y	18	Y	3.5, 6
401b	2'0" X 8'0" X 2"	C	C	P	PC2						Y	Y		M	Y			3.5
401c	2'0" X 8'0" X 2"	C	C	P	PC2						Y	Y		M	Y			3.5
401d	2'0" X 8'0" X 1 3/4"	C	S	P	PC1						Y	S						VERIFY WIDTH
401e	2'0" X 8'0" X 2"	D	C	P	PC2						Y	Y		M	Y	1	Y	3.5

DOOR SCHEDULE NOTES LEGEND

DOOR CONSTRUCTION:
THIS COLUMN INDICATES DOOR MATERIAL AND CONSTRUCTION AS FOLLOWS:
S = STANDARD CONSTRUCTION H.M. DOOR (1-3/4")
C = SECURITY METAL CHANNEL FRAMING (2")
G = GATE - CHAIN LINK

DOOR FINISH:
REFER TO SPECIFICATIONS FOR FINISHES
P = PAINTED
G = GALVANIZED
F = FACTORY FINISH

GLASS TYPE:
REFER TO SPECIFICATIONS. SEE DOOR TYPE FOR GLASS SIZE.
PC 1 1/2" POLY
PC 2 1/2" POLY, TINTED
PC 3 1 1/4" BULLET-RESISTANT POLY
S1 3/4" GLASS CLAD POLY
S2 3/4" GLASS CLAD POLY-TINTED
T1 1/4" TEMPERED
T2 1/4" TEMPERED, TINTED
W1 1/4" WIREGLASS

RATING OF OPENING:
FIRE RATING IN HOURS.
1/3 = (20 MIN) "C" LABEL SMOKE DOOR
3/4 = (45 MIN) "C" LABEL
1 = 1 HOUR "B" LABEL
1 1/2 = 1 1/2 HOUR "B" LABEL

FRAME ELEVATION:
REFER TO THIS SHEET.
CLOSER:
REFER TO SPECIFICATIONS (SECTION 08710).
Y = CLOSER REQUIRED.

HARDWARE SETS:
REFER TO SPECIFICATIONS (SECTION 08710).
DH = DETENTION HARDWARE
FH = FINISH HARDWARE

HANDICAP ASSISTED DOOR:
Y = YES

ELECTRIC OPP. DOOR:
Y = YES

KEY TYPE:
N = NO KEY
S = STANDARD
M = MOGUL
P = PARACENTRIC
C = CARD ACCESS/KEYPAD

ELECTRIC LOCK:
Y = YES

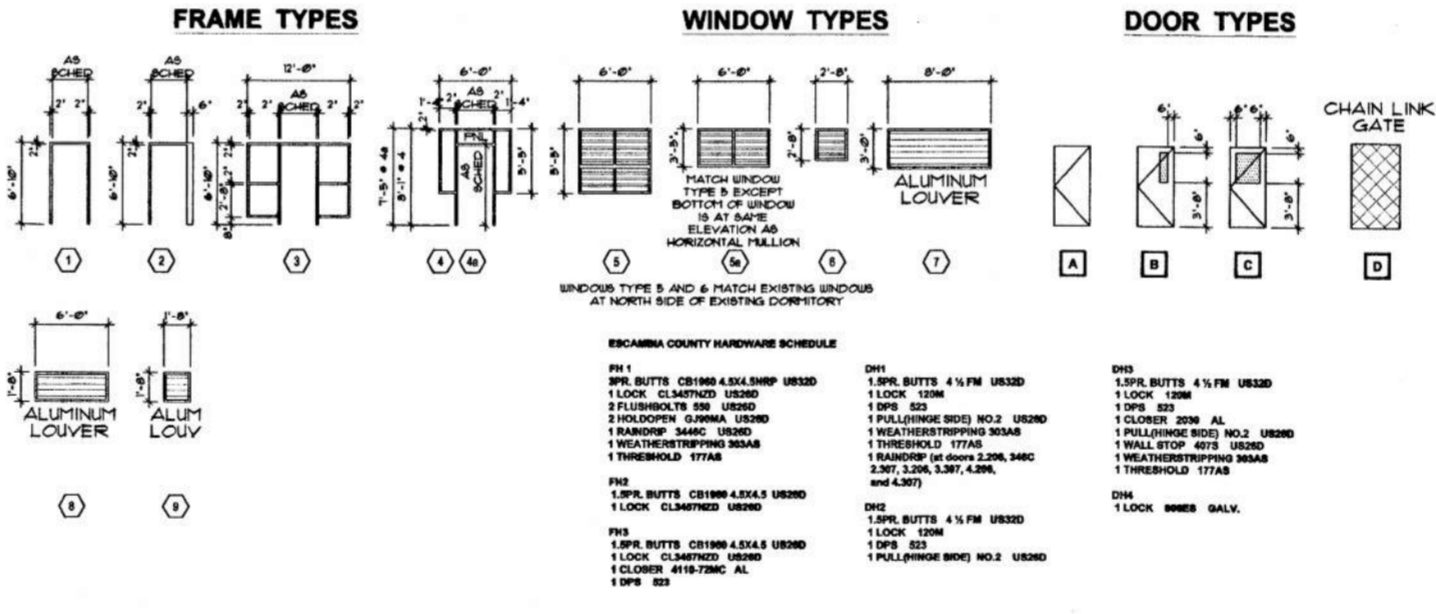
MANUAL LOCK:
Y = YES

POSITION SWITCH:
Y = YES

INTERLOCK:
NUMBER IN COLUMN IS NUMBER OF INTERLOCK GROUP

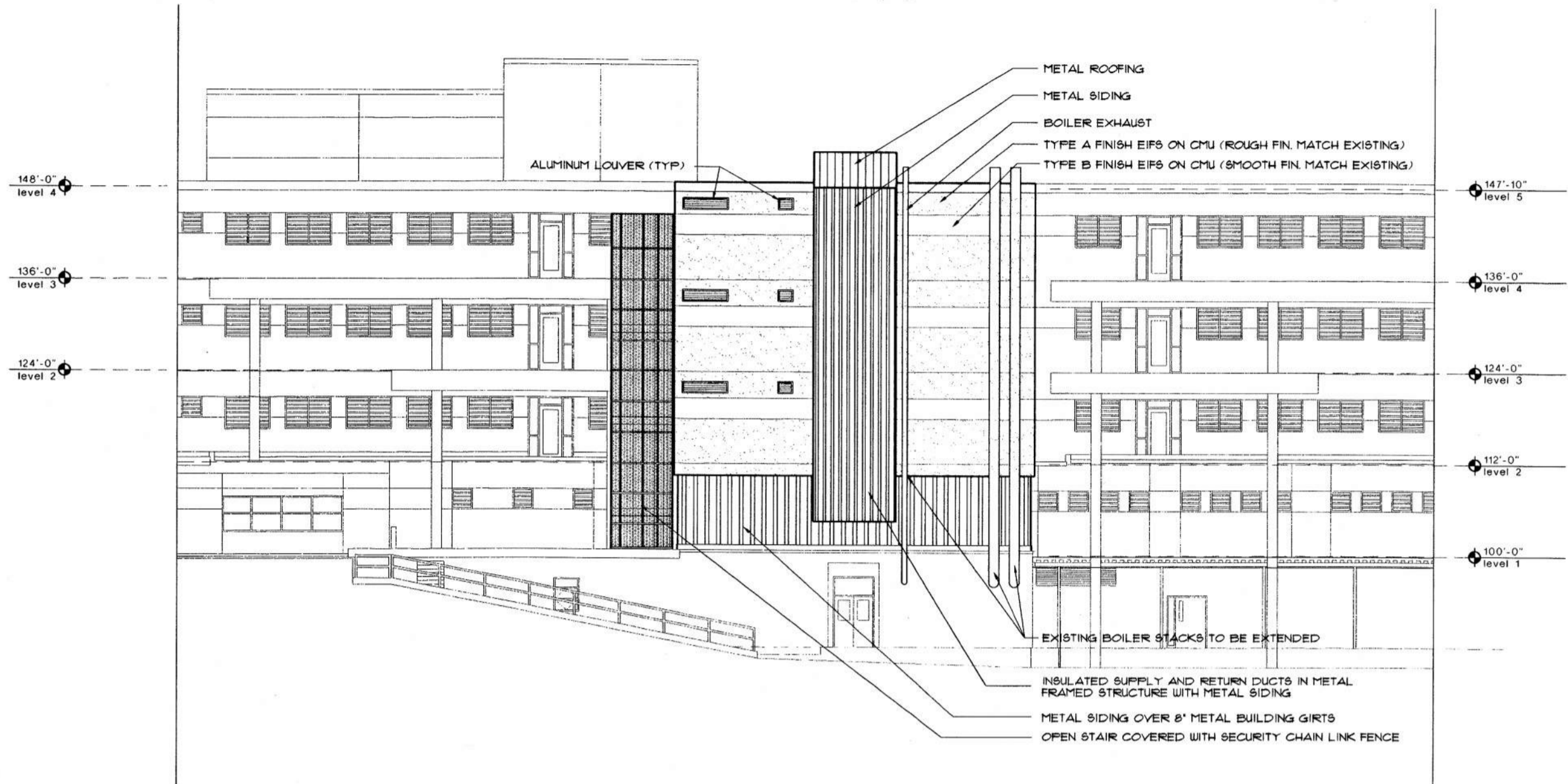
ON FIRE ROUTE:
LATCH BACK LOCK FUNCTION REQUIRED.

REMARKS:
1 = LOCAL KEY PAD CONTROL ALSO
3 = INTEGRAL FLUSH PULL IN DOOR (STOPSIDE)
4 = INTEGRAL FLUSH PULL IN DOOR (HINGE SIDE)
5 = GROUT SEC. HOLLOW METAL FRAME ONLY



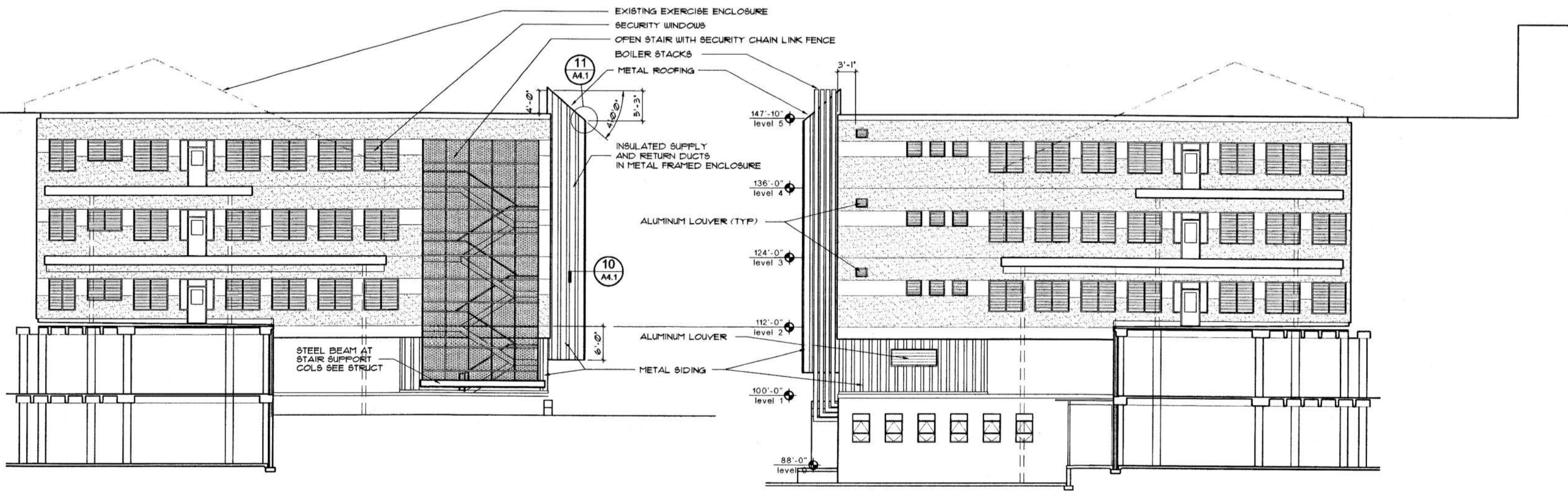
project: insert housing addition
 central booking and detention facility
 escambia county, florida
 sheet title: insert housing unit room finish schedule & door schedule
 STROLLO/ARCHITECTS INCORPORATED 68 S. IVANHOE BLVD. ORLANDO, FL. 32804 (407)423-5355 (407)423-5994(FAX) ARCHITECTURE PLANNING INTERIOR DESIGN CONSTRUCTION SERVICES
 sheet no.: A2.6
 scale: as noted
 drawn: tkmc
 check: jps
 date: 07/12/99
 project no.: 9705-3

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north elevation

1/8"=1'-0"



east elevation

1/8"=1'-0"

west elevation

1/8"=1'-0"



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project:
insert housing addition
central booking and detention facility
escambia county, florida

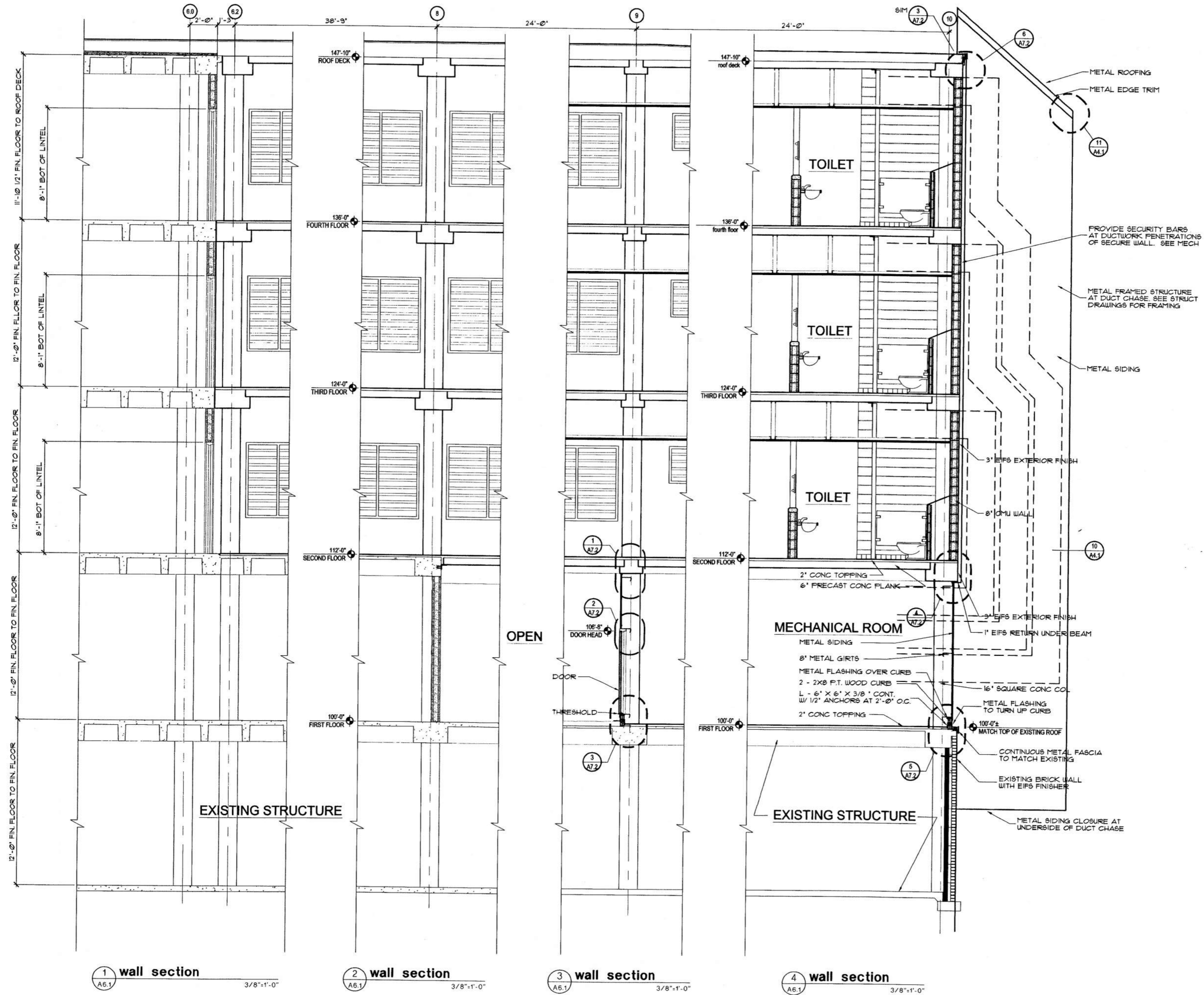
sheet title:
insert housing unit
exterior elevations

revisions:

revised	10/21/98
scale:	as noted
drawn:	dws
check:	jps
date:	07/12/99
project no.	9705-3

A3.1

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1 wall section
A6.1 3/8"=1'-0"

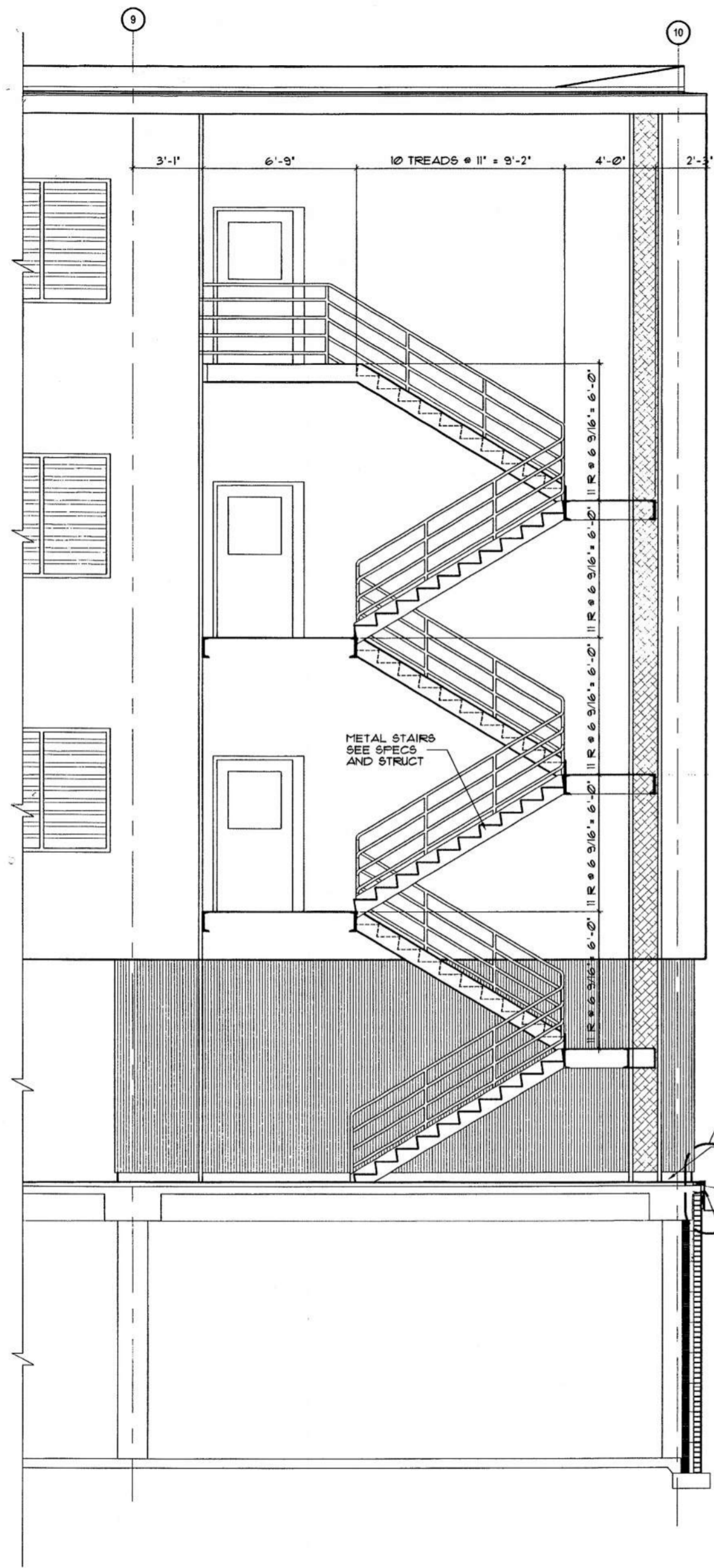
2 wall section
A6.1 3/8"=1'-0"

3 wall section
A6.1 3/8"=1'-0"

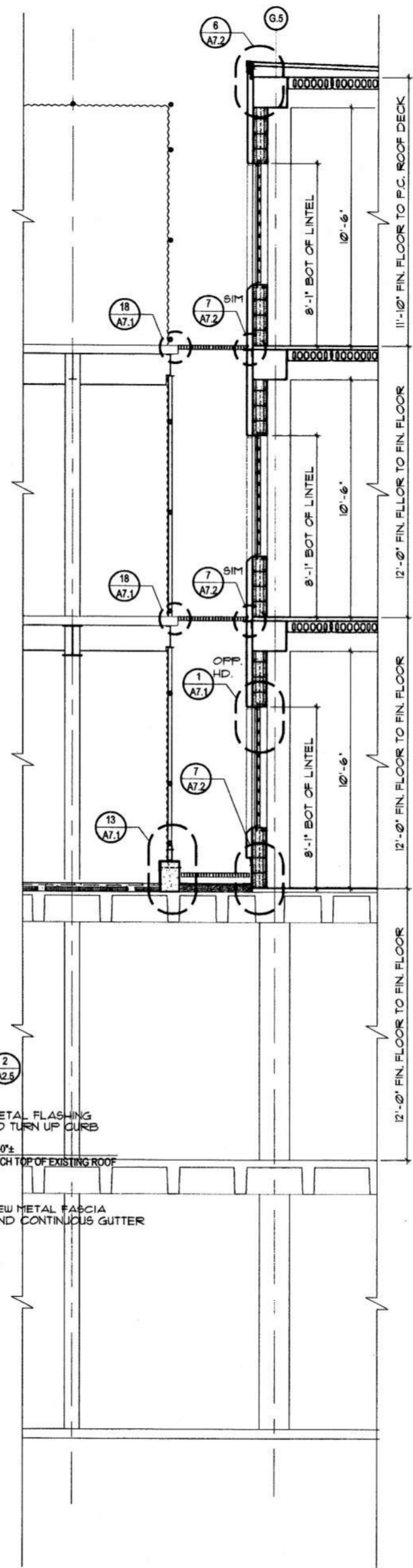
4 wall section
A6.1 3/8"=1'-0"

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 project: insert housing addition
 central booking and detention facility
 escambia county, florida
 sheet title: insert housing unit wall sections
 revisions:
 scale: as noted
 drawn: tkmc
 check: jps
 date: 07/12/99
 project no. 9705-3
A6.1

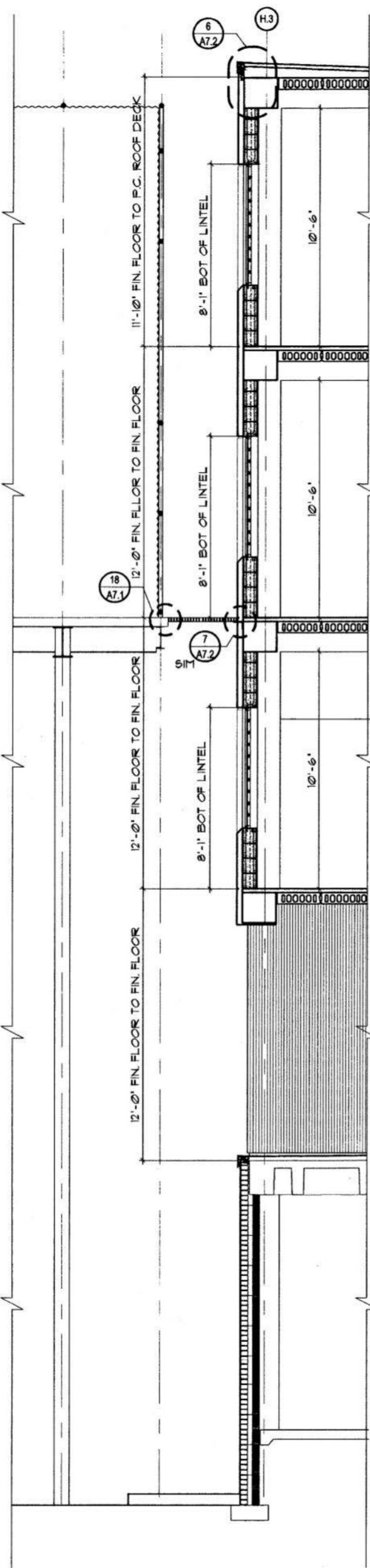
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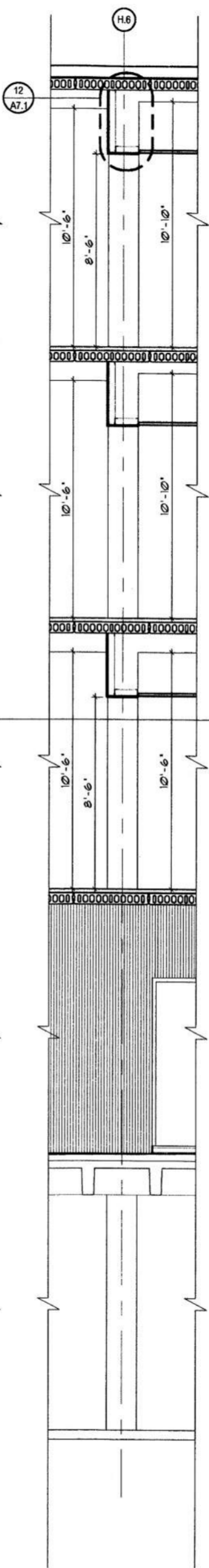
1 stair section
A6.2 3/8"=1'-0"



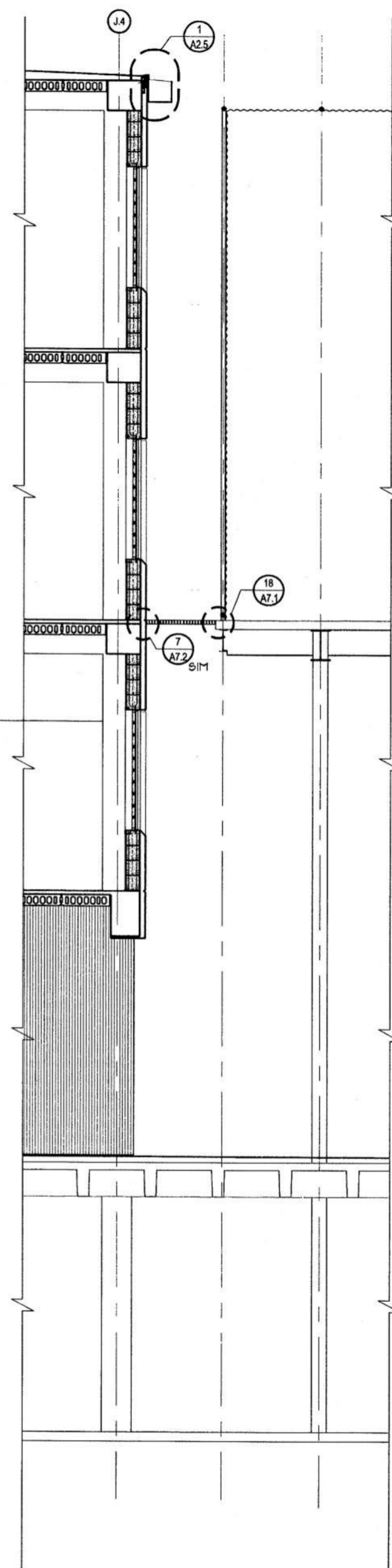
2 wall section
A6.2 3/8"=1'-0"



3 wall section
A6.2 3/8"=1'-0"



4 wall section
A6.2 3/8"=1'-0"



5 wall section
A6.2 3/8"=1'-0"



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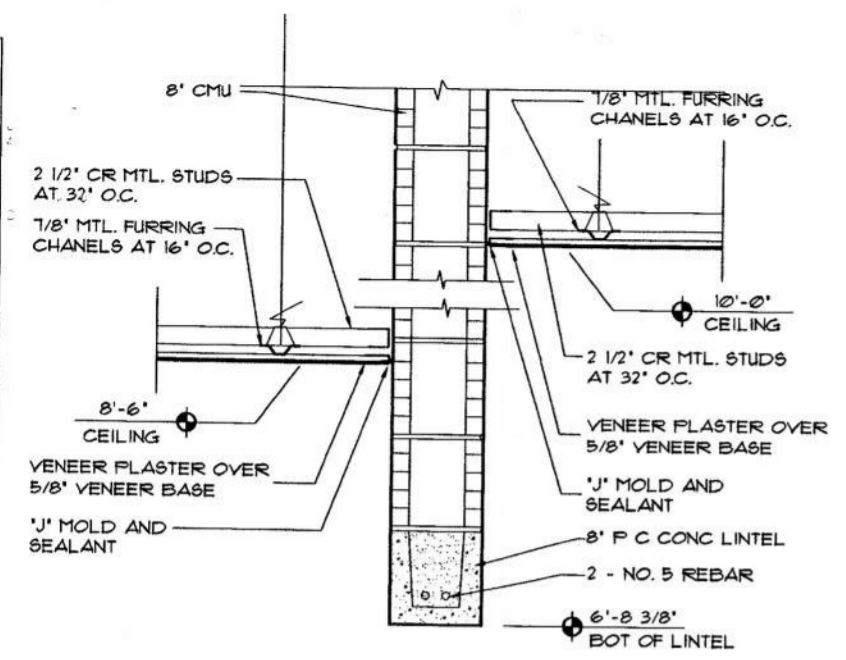
project:
insert housing addition
central booking and detention facility
escambia county, florida

sheet title:
insert housing unit
wall sections

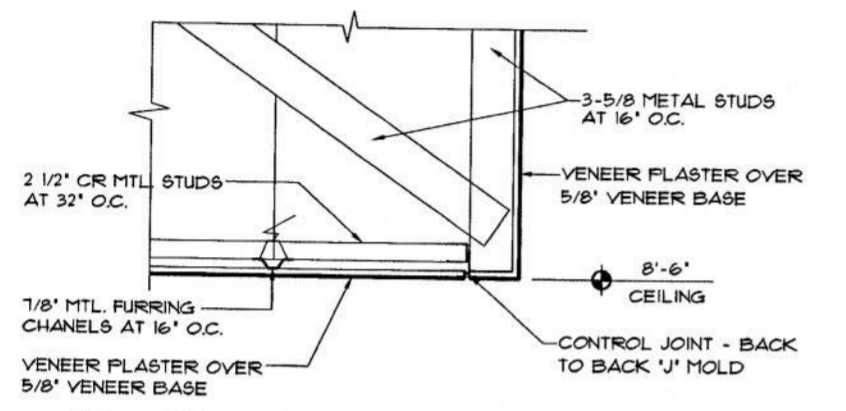
revisions:
scale: as noted
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check: jps
date: 07/12/99
project no. 9705-3

A6.2

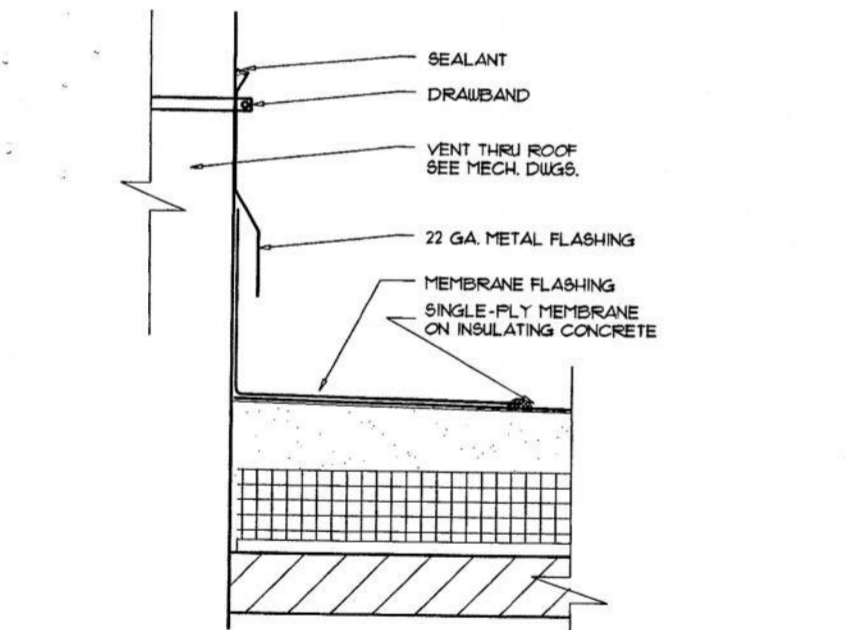
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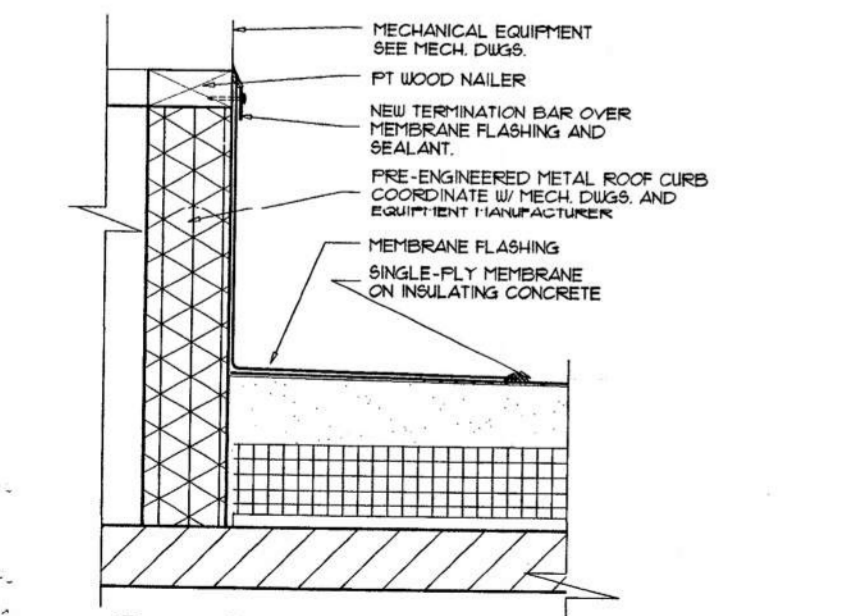
14 ceiling detail
A7.1 1-1/2"x1'-0"



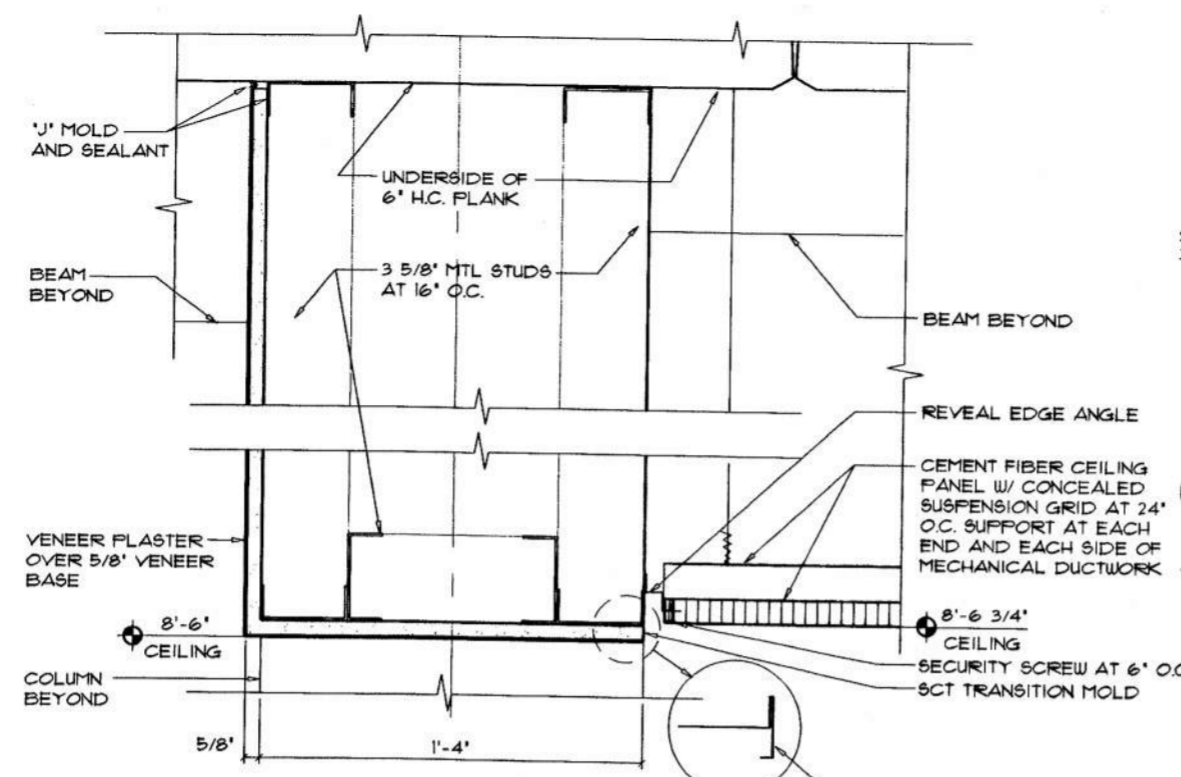
15 ceiling edge detail
A7.1 1-1/2"x1'-0"



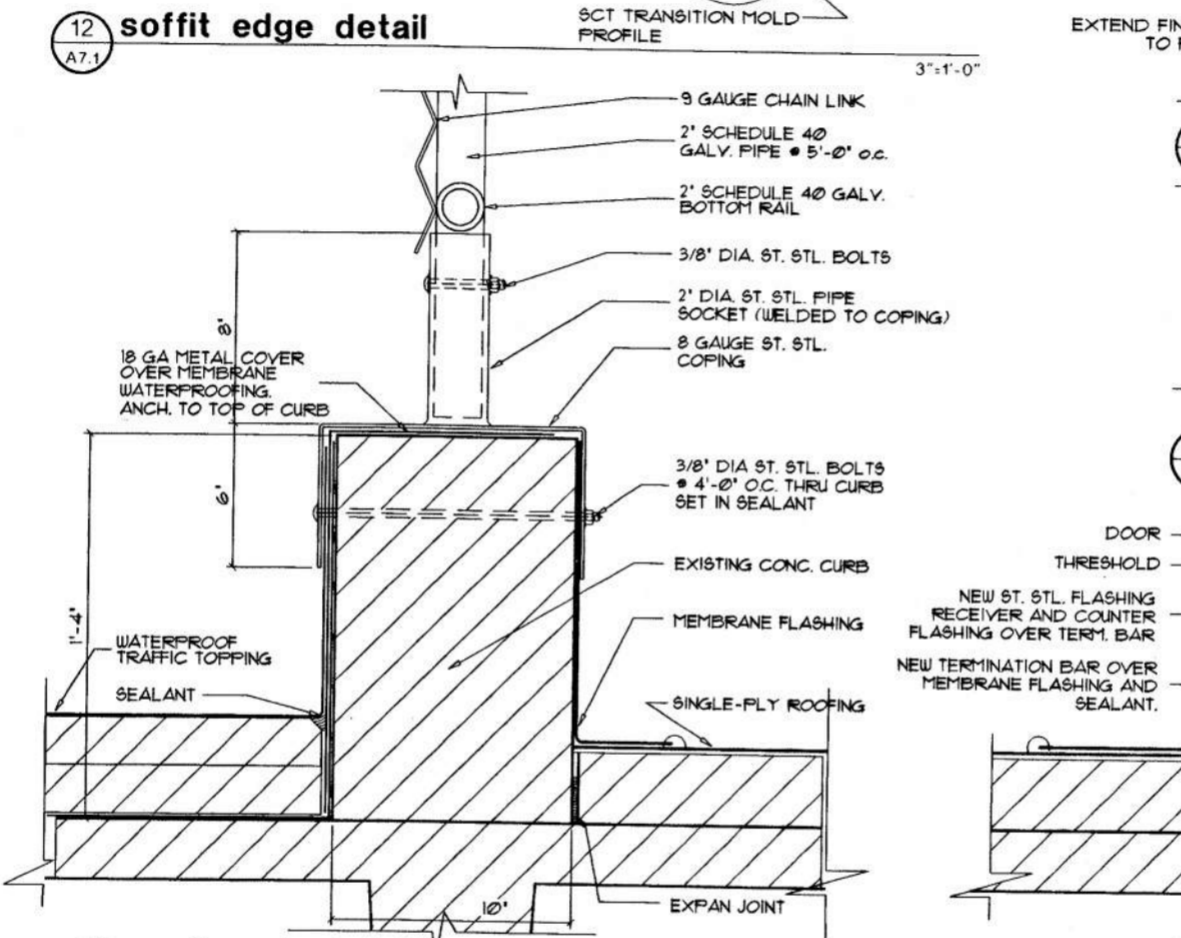
16 roof penetration detail
A7.1 3'-1'-0"
NOTE: PROVIDE FIRESAFE PACKING AROUND NEW PENETRATION. SEE ASI-15



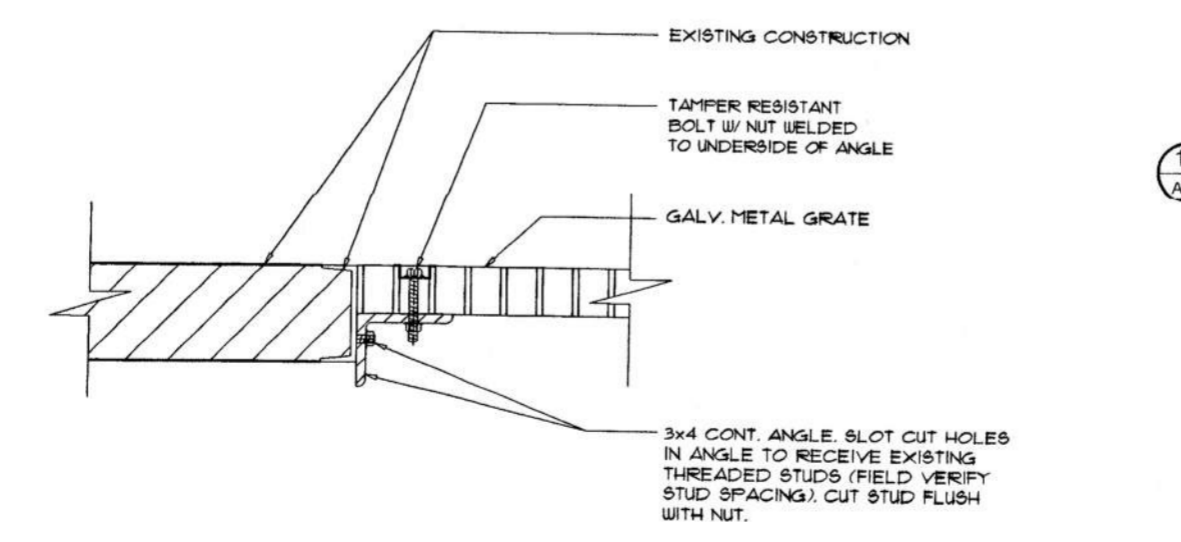
17 roof equipment curb
A7.1 3'-1'-0"
NOTE: PROVIDE WATER DIVERTER ANGLE ON HIGH SIDE.



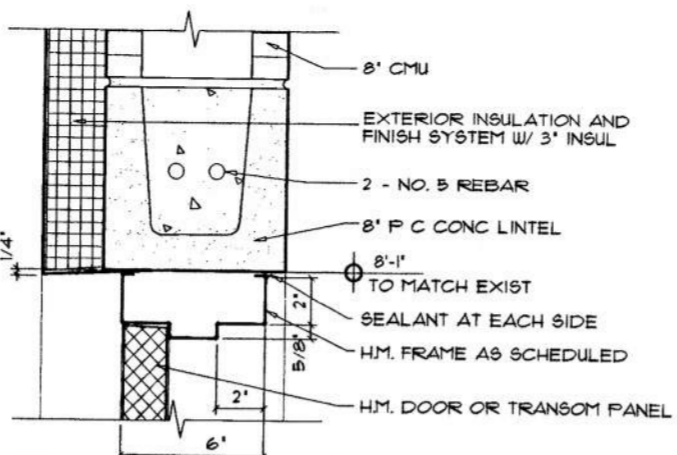
12 soffit edge detail
A7.1 3'-1'-0"



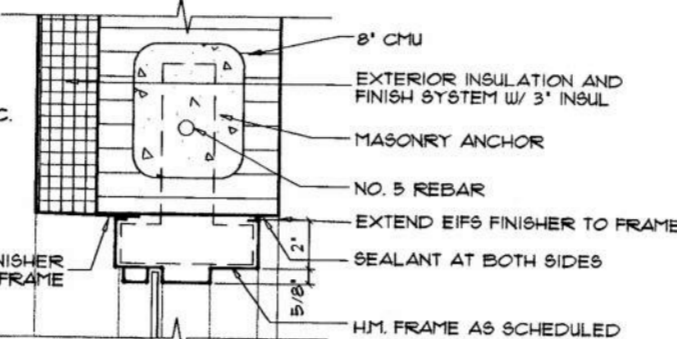
13 roof curb detail
A7.1 3'-1'-0"



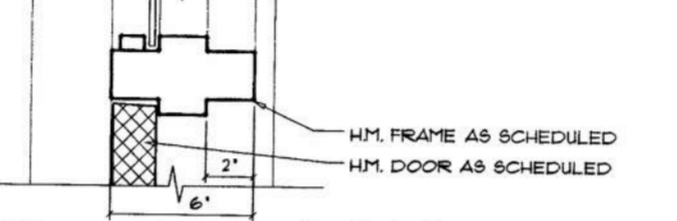
18 metal grate detail
A7.1 3'-1'-0"



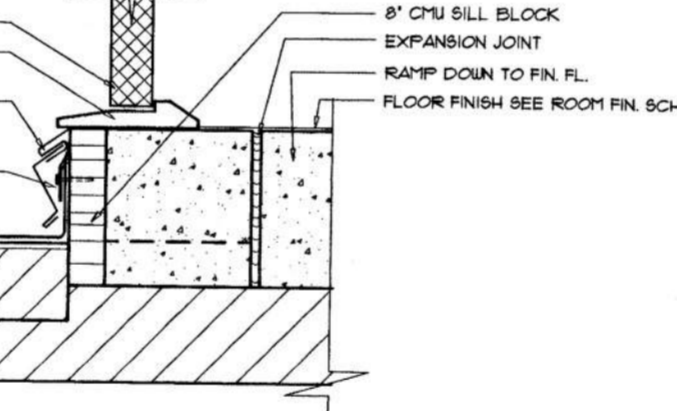
6 ext. door head detail
A7.1 3'-1'-0"



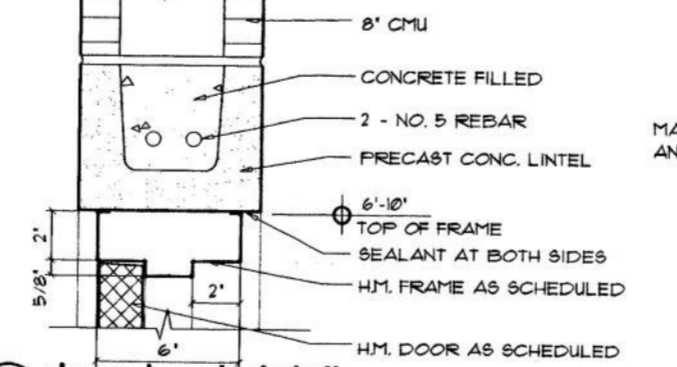
7 ext. jamb detail
A7.1 3'-1'-0"



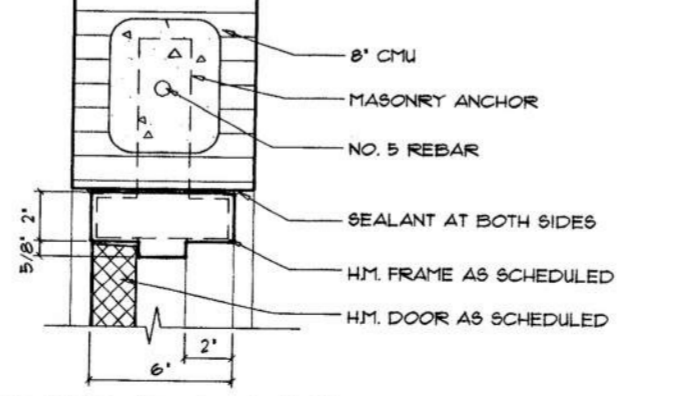
8 ext. door jamb detail
A7.1 3'-1'-0"



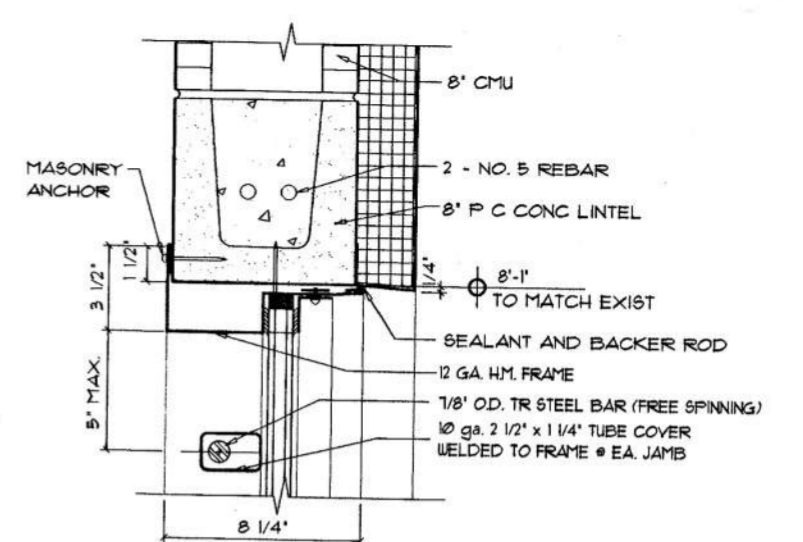
9 ext. door threshold detail
A7.1 3'-1'-0"



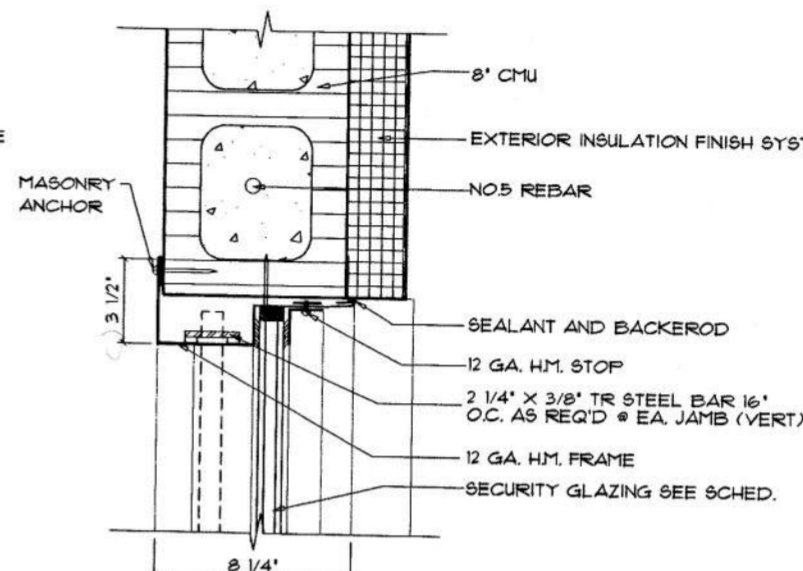
10 door head detail
A7.1 3'-1'-0"



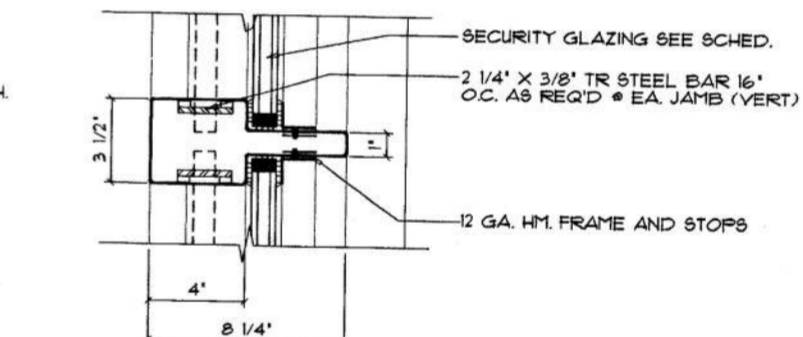
10 door jamb detail
A7.1 3'-1'-0"



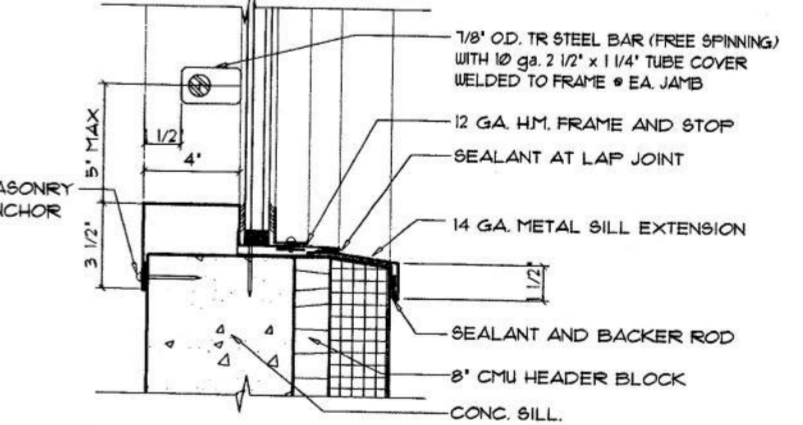
1 security window head detail
A7.1 3'-1'-0"



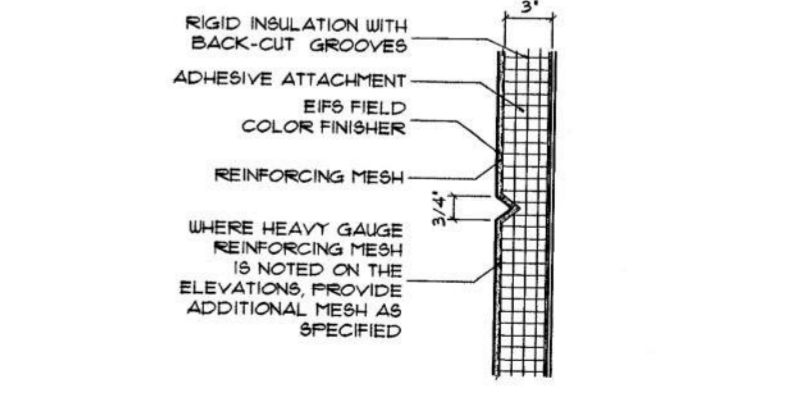
2 security window jamb detail
A7.1 3'-1'-0"



3 security window mullion detail
A7.1 3'-1'-0"



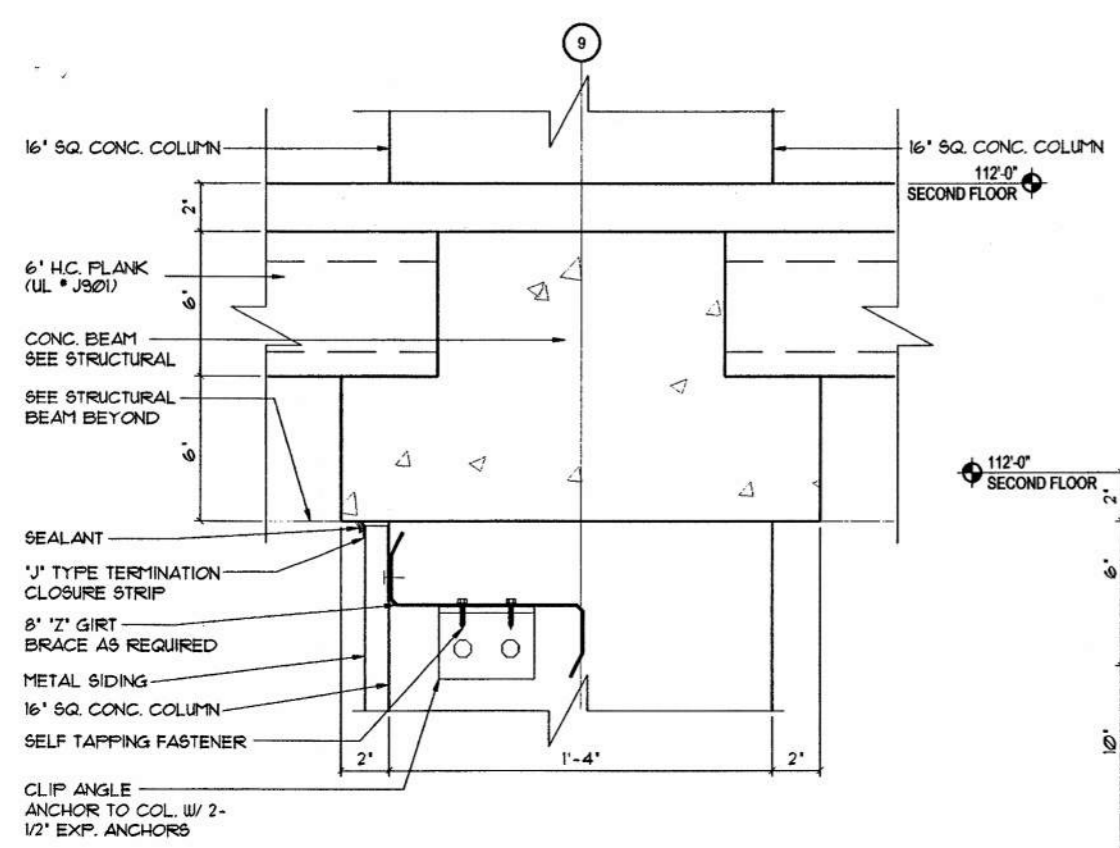
4 security window sill detail
A7.1 3'-1'-0"



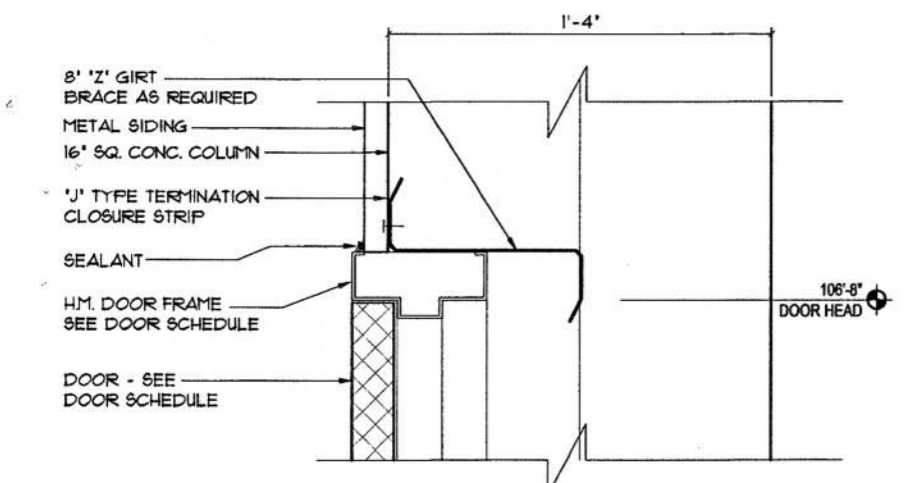
5 typ. control joint
A7.1 3'-1'-0"

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A7.1

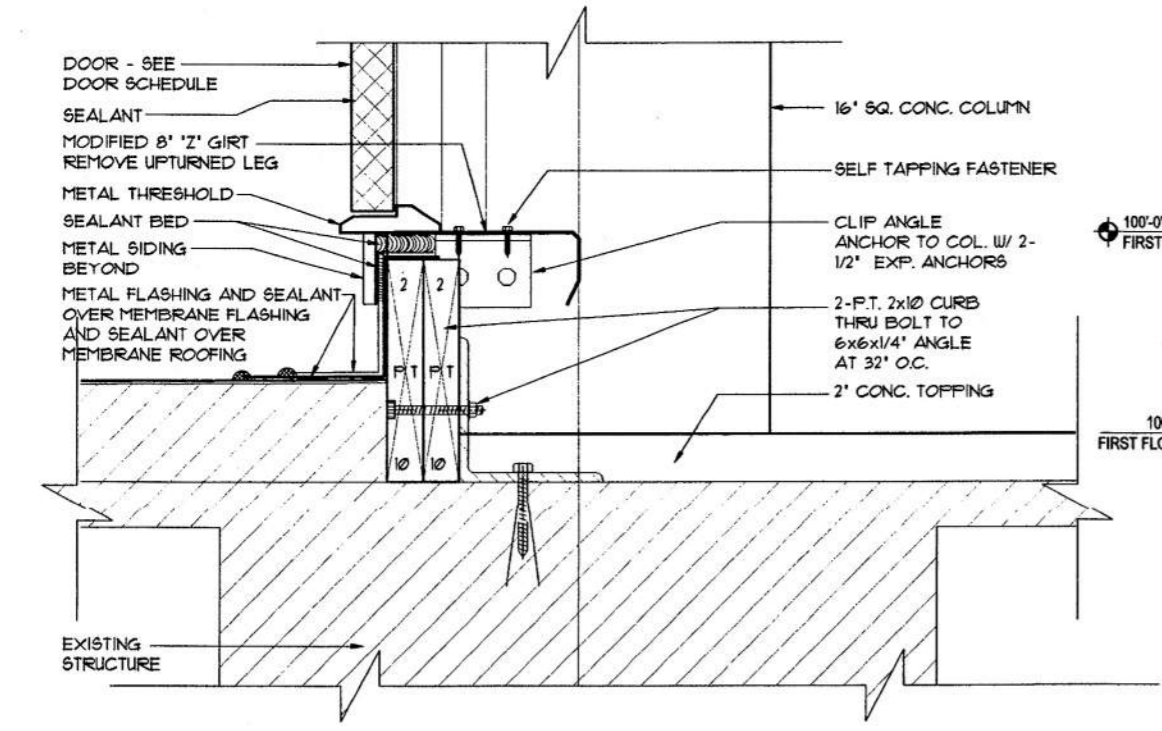
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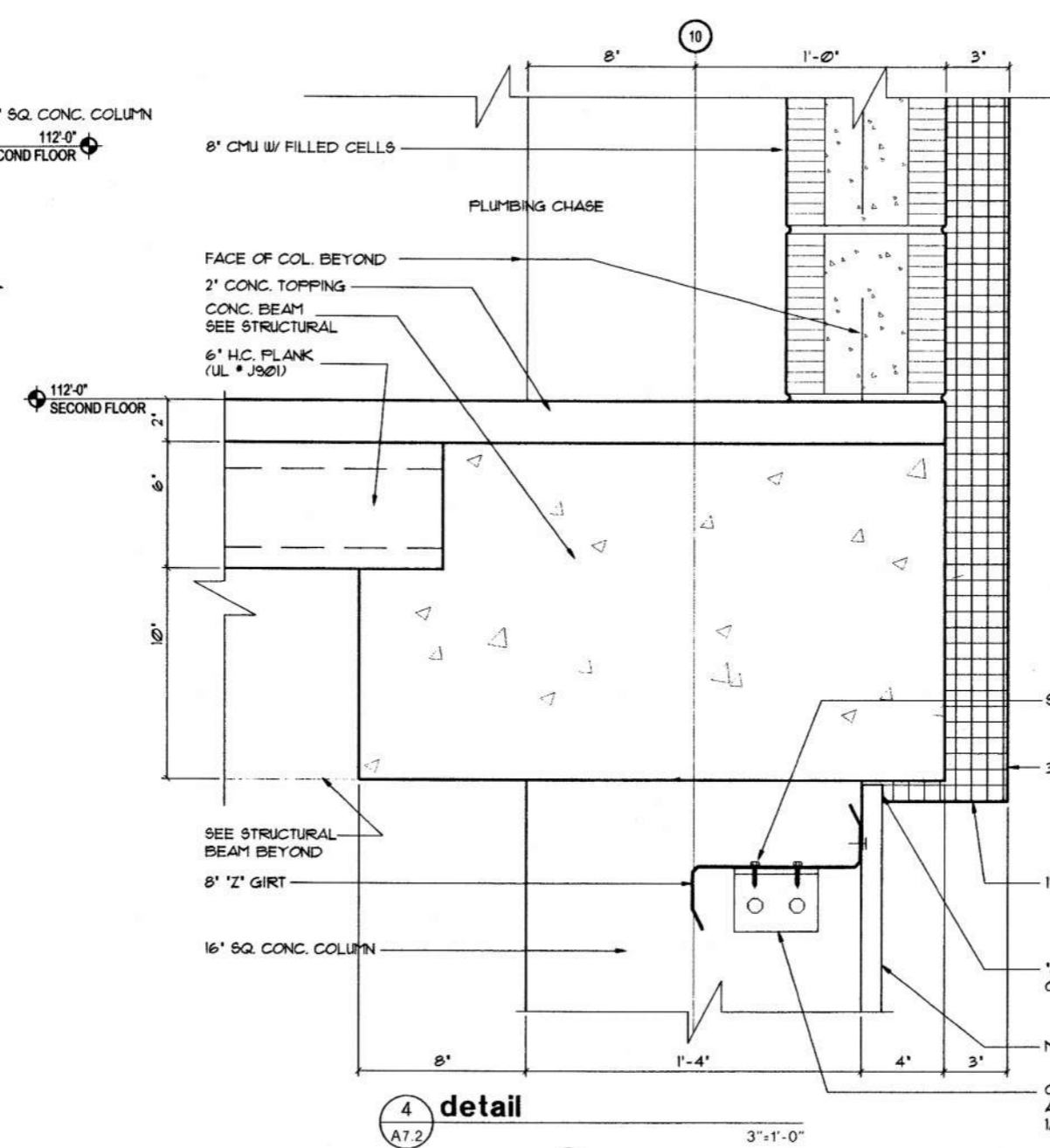
1 detail
A7.2 3'-1'-0"



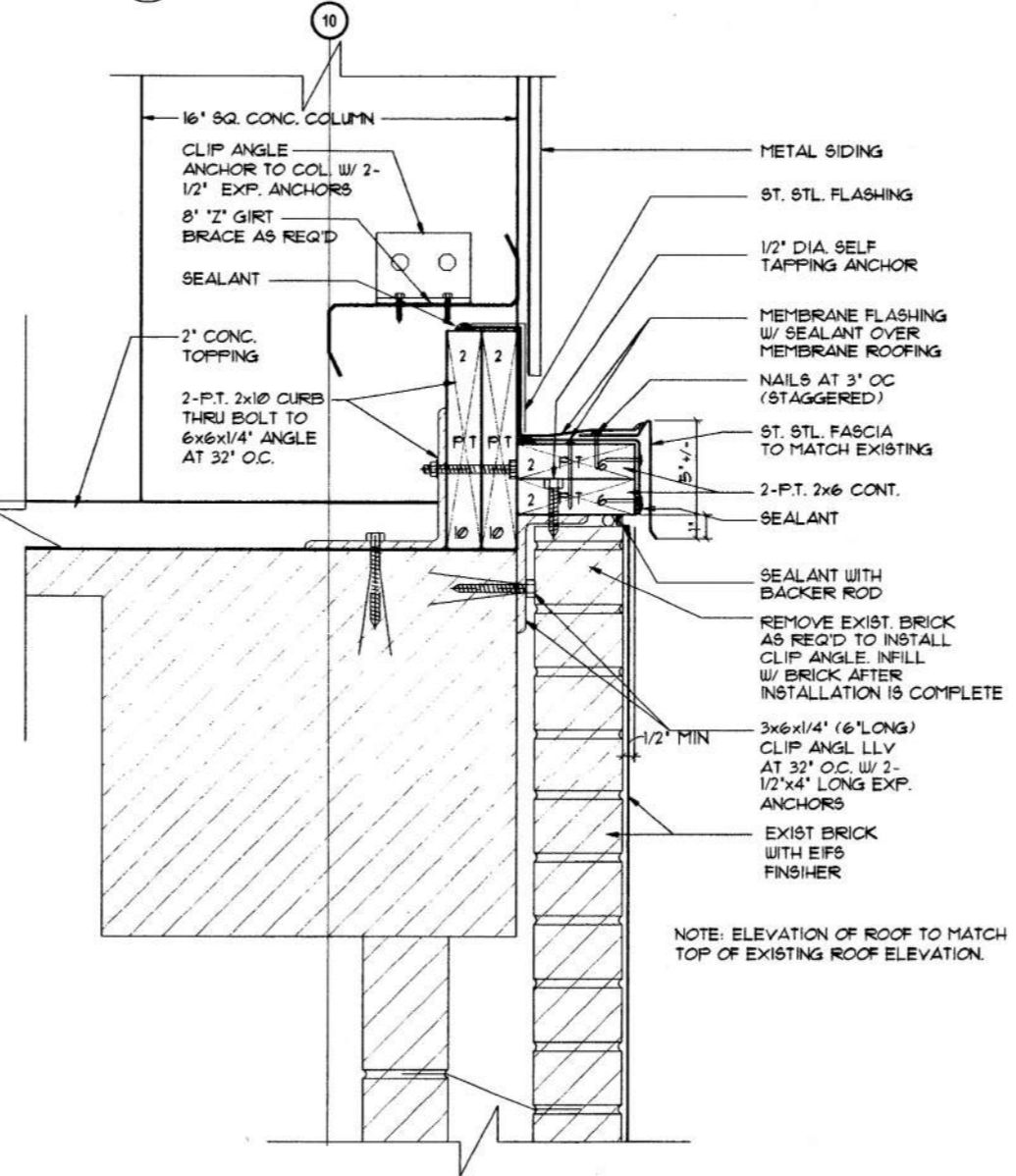
2 door head detail / louver similar
A7.2 3'-1'-0"



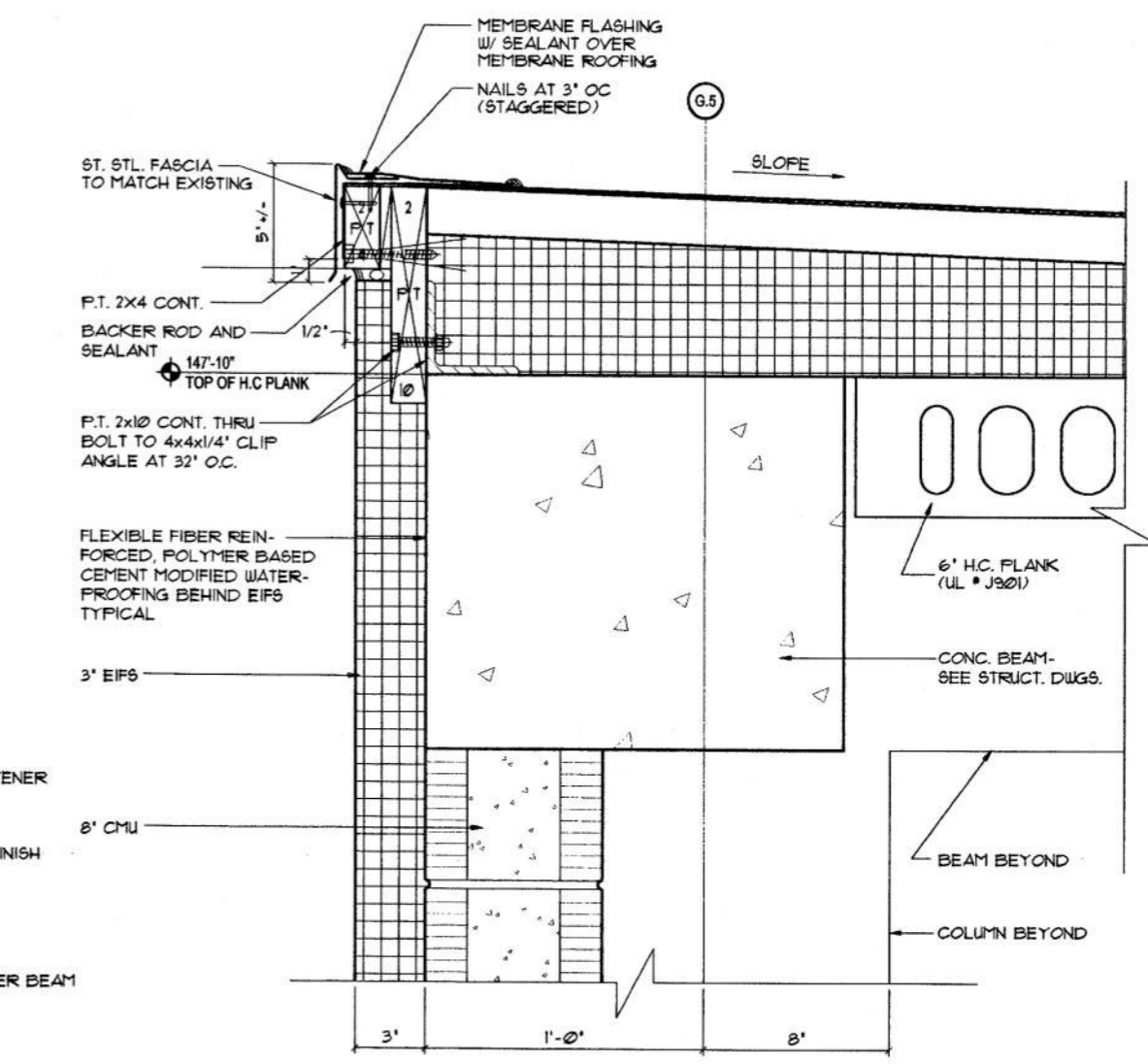
3 sill detail
A7.2 3'-1'-0"



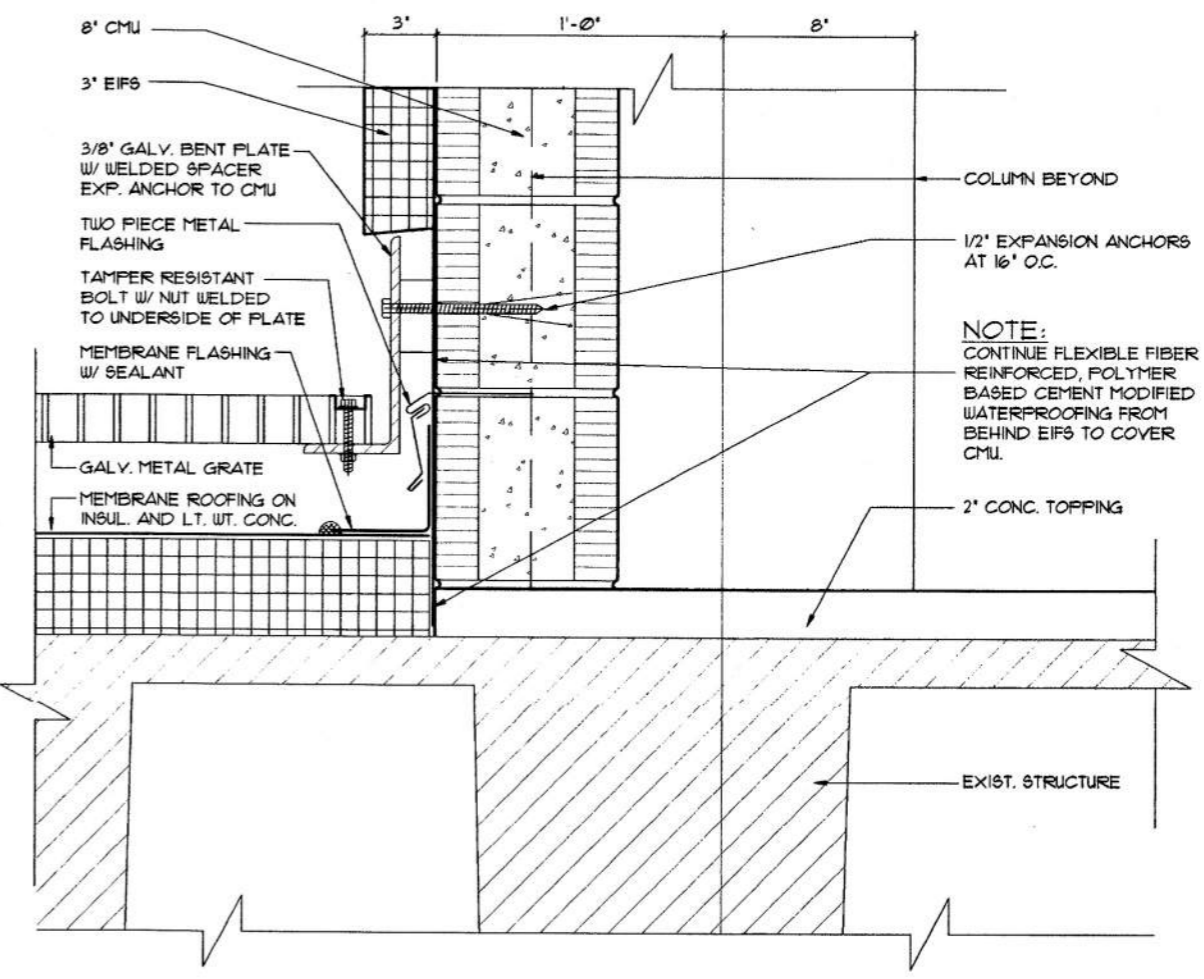
4 detail
A7.2 3'-1'-0"



5 detail
A7.2 3'-1'-0"



6 detail
A7.2 3'-1'-0"



7 detail
A7.2 3'-1'-0"



STROLLO ARCHITECTS INCORPORATED 68 S. IVANHOE BLVD. ORLANDO, FL. 32804 (407)423-5355 (407)422-5994 (FAX) ARCHITECTURE PLANNING INTERIOR DESIGN CONSTRUCTION SERVICES

project:
insert housing addition
central booking and detention facility
escambia county, florida

sheet title:
insert housing unit
sections and details

revisions:

scale: as noted
drawn: kob
check: jps
date: 07/12/99
project no. 9705-3

A7.2

CENTRAL BOOKING & DETENTION FACILITY INSERT HOUSING ADDITION

escambia county, pensacola florida, 1200 west leonard street

consultants

structural engineer

SAMUEL JOHNSON INCORPORATED
8700 Scenic Highway
Pensacola Florida 32514
850/473-9955

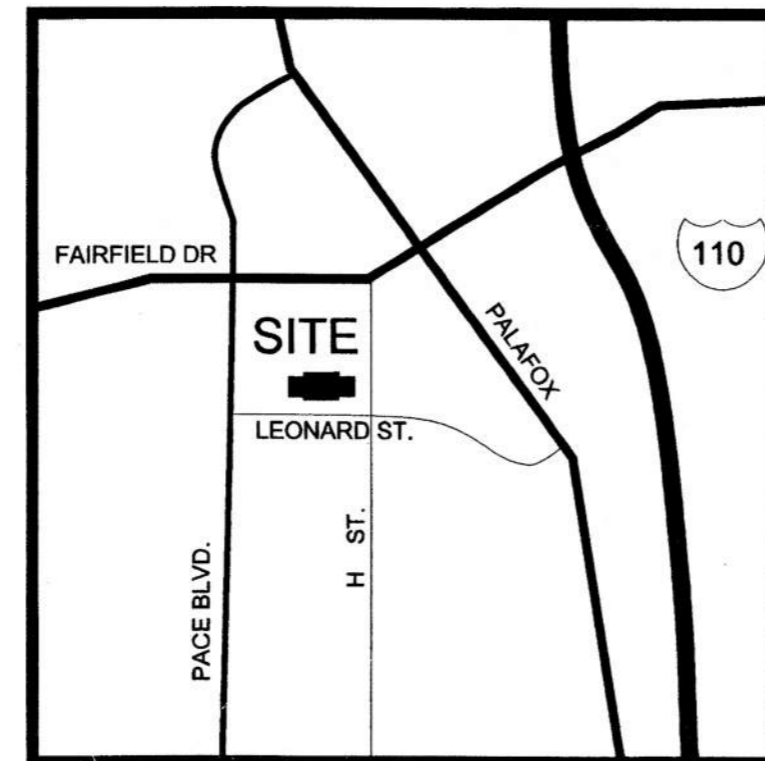
mechanical / electrical engineer

YONGE & KLOCKE CONSULTING ENGINEERS
49 East Chase Street
Pensacola, Florida 32501
850/434-2661

construction manager

BROWN & ROOT BUILDING COMPANY
DEL GALLO/MORETTE CONSTRUCTION COMPANY
1200 West Leonard Street
Pensacola, Florida 32501
850/433-0880

location map



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E-1 second floor & mechanical room lighting, power and signal plans
E-2 third and fourth floor lighting, power and signal plans
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STROLLO / ARCHITECTS INCORPORATED

ARCHITECTURE PLANNING INTERIOR DESIGN CONSTRUCTION SERVICES

68 S IVANHOE BLVD. ORLANDO, FLORIDA 32804

(407) 423-5355

(407) 422-5994 (FAX)



construction documents july 12, 1999 **A0.1**

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project: insert housing addition
central booking and detention facility
escambia county, florida

sheet title: second floor & mechanical room lighting
and power & signal plans

revisions:

scale: AS SHOWN

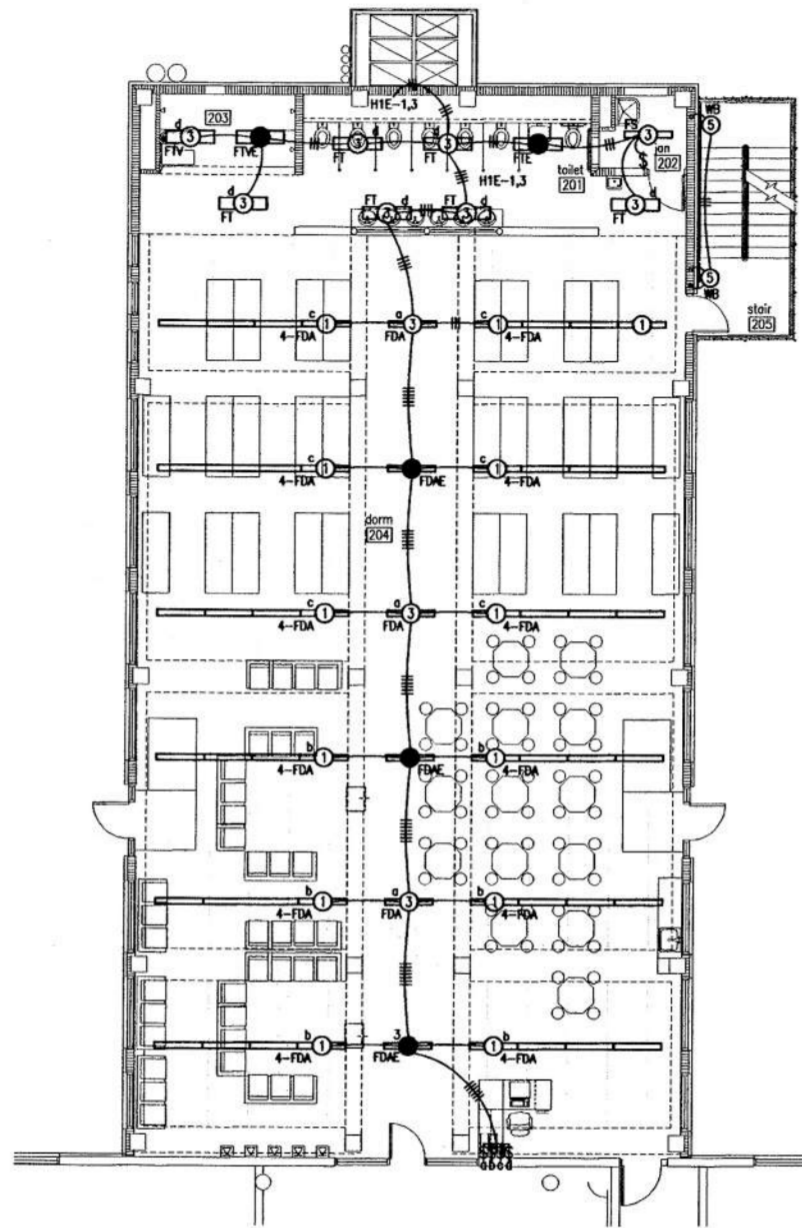
drawn: MLYNARCZYK

check: KLOCKE

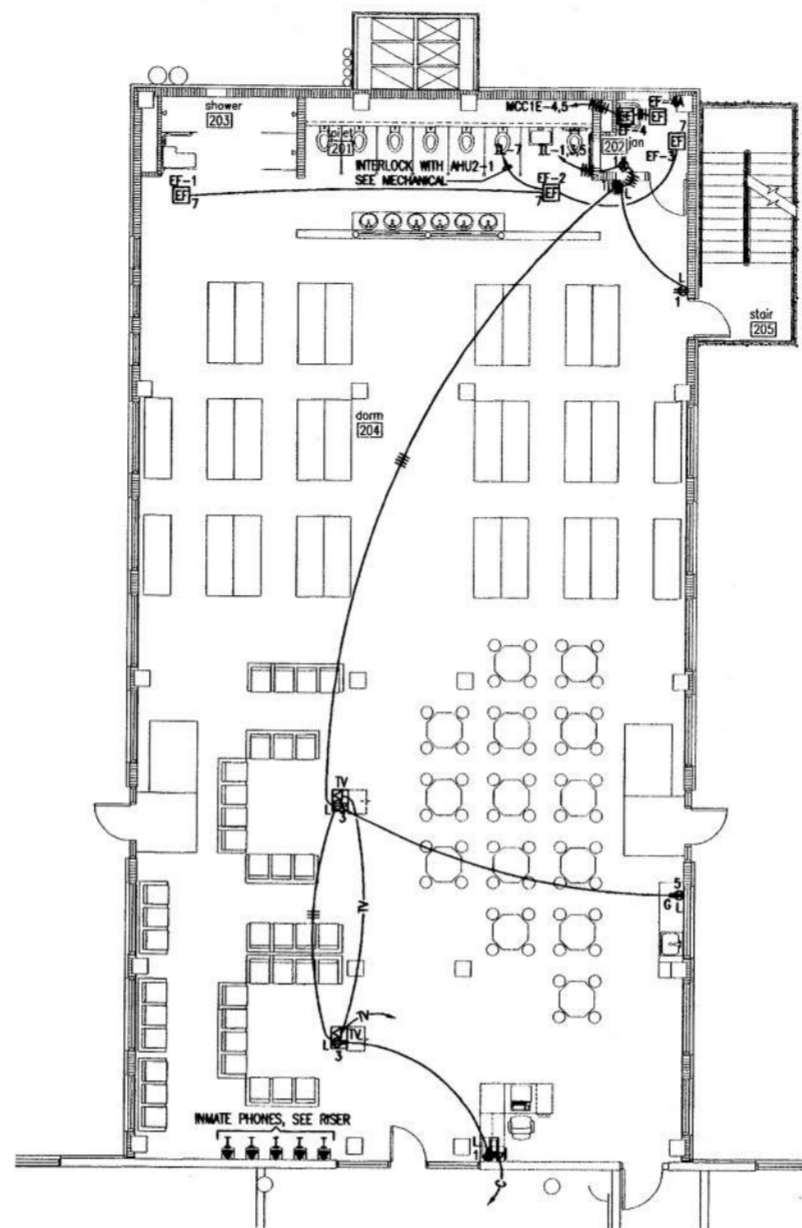
date: 7/12/99

project no. 9705-3

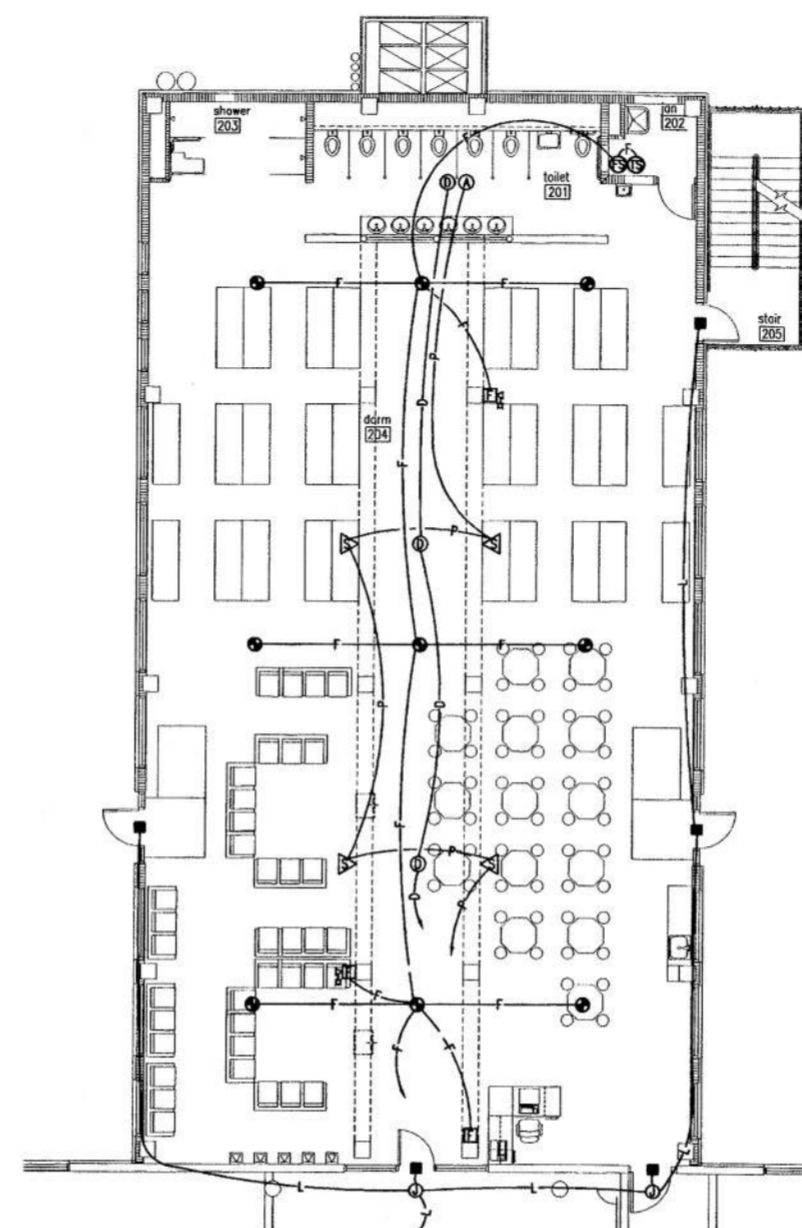
E-1



2ND FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"



2ND FLOOR POWER & COMMUNICATIONS PLAN
SCALE: 1/8" = 1'-0"



2ND FLOOR SIGNAL & SECURITY PLAN
SCALE: 1/8" = 1'-0"

- ELECTRICAL LEGEND**
- FDME-1 → FLUORESCENT LIGHTING CIRCUIT 1 MARK FDA
 - FUTURE WITH EMERGENCY UNIT BATTERY PACK
 - ⊙ EXIT LIGHT
 - WALL BRACKET MOUNTED LIGHTING FIXTURE
 - ⊥ SINGLE POLE LIGHTING SWITCH, MOUNT 48" AFF
 - ⊥ CONTROLS OUTLET "G" (TYPICAL)
 - ⊥ DUPLEX RECEPTACLE, MOUNT 18" AFF UNLESS NOTED OTHERWISE
 - ⊥ DUPLEX RECEPTACLE WITH LOCKING COVERPLATE MOUNT 18" AFF UNLESS NOTED OTHERWISE
 - ⊥ GFI GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE WITH LOCKING COVERPLATE, MOUNT ABOVE COUNTER
 - ⊥ GFI GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE WITH WEATHERPROOF COVERPLATE
 - ⊥ I INMATE TELEPHONE 1-JACK 1-RJ45
 - TV-2X DUPLEX RECEPTACLE AND CABLE TV OUTLET MOUNTED FLUSH IN CEILING
 - ⊥ NON FUSED DISCONNECT SWITCH
 - PANELBOARD
 - ⊕ JUNCTION BOX
 - ⊕ FIRE ALARM SYSTEM PULL STATION
 - ⊕ FIRE ALARM SYSTEM HORN/STROBE MOUNT 80" AFF
 - ⊕ FIRE ALARM SYSTEM AREA SMOKE DETECTOR
 - ⊕ FIRE ALARM SYSTEM DUCT MOUNTED SMOKE DETECTOR (SUPPLY DUCT)
 - ⊕ FIRE ALARM SYSTEM DUCT MOUNTED SMOKE DETECTOR (RETURN DUCT)
 - ⊕ FIRE ALARM SYSTEM CONTROL MODULE
 - ⊕ SPRINKLER SYSTEM FLOW SWITCH, PROVIDE MONITOR MODULE
 - ⊕ SPRINKLER SYSTEM TAMPER SWITCH, PROVIDE MONITOR MODULE
 - ⊕ WEATHERPROOF
 - ⊕ AFF ABOVE FINISHED FLOOR
 - ⊕ EXHAUST FAN, SEE MECHANICAL
 - CONDUIT RUN CONCEALED IN WALLS OR ABOVE CEILING
 - CONDUIT RUN CONCEALED UNDERGROUND OR BELOW SLAB
 - HOMERUN TO PANELBOARD ANY CIRCUIT WITHOUT FURTHER DESIGNATION 3/4", 1/2" GRD, 1/2" - 3/4", 1/2" GRD, 1/2" ETC.
 - CONDUIT RUN EXPOSED PERPENDICULAR OR PARALLEL TO BUILDING LINES
 - FIRE ALARM SYSTEM CONDUCTORS IN CONDUIT
 - HOMERUN TO FIRE ALARM TERMINAL CABINET
 - PAGING SYSTEM CABLE IN CONDUIT, PROVIDE 3/4" RUNOUTS TO INDIVIDUAL DEVICES USE 1" FOR ALL OTHERS
 - HOMERUN TO PAGING SYSTEM TERMINAL CABINET
 - DURESS ALARM SYSTEM CABLE IN CONDUIT, PROVIDE 3/4" RUNOUTS TO INDIVIDUAL DEVICES, USE 1" FOR ALL OTHERS
 - HOMERUN TO DURESS ALARM TERMINAL CABINET
 - LOCKING SYSTEM CONDUCTORS IN CONDUIT
 - HOMERUN TO LOCKING SYSTEM TERMINAL CABINET, PROVIDE 3/4" RUNOUTS TO INDIVIDUAL DEVICES, USE 1" FOR ALL OTHERS
 - TELE/DATA CABLE IN CONDUIT (2-4 PAIR CAT 5 IN 3/4")
 - HOMERUN TO FLOOR COMM BACKBOARD
 - TV CABLE IN CONDUIT
 - HOMERUN TO FLOOR COMM BACKBOARD
 - CCTV CLOSED CIRCUIT TV CABLE IN CONDUIT HOMERUN TO EXISTING SYSTEM
 - ELECTRIC LOCK WITH SEPARATE DPS
 - ▲ PAGING SYSTEM WALL MOUNTED SPEAKER
 - ▲ CLOSED CIRCUIT TV CAMERA
 - ▲ SPEAKER WITH AUDIO ALERT
 - ▲ DURESS RECEIVER

GENERAL NOTE

-EXPOSED CONDUITS AT CEILING SHALL BE RUN ALONG STRUCTURAL ELEMENTS AND SHALL NOT RUN ACROSS VOIDS IN STRUCTURE. (RUN ALONG A SOLID MEMBER) CONICAL CONDUITS ON CONCRETE MEMBERS AS DETAILED ON ARCHITECTURAL CEILING PLANS. NOTE: THIS APPLIES TO ALL EXPOSED CONDUIT

-ALL FIRE ALARM SYSTEMS CONDUITS SHALL BE 1/2" MINIMUM, SIZE FOR MAXIMUM 40X FILL

-CONDUITS FOR PAGING DURESS LOCKING AND CAMERA SYSTEMS SHALL BE 3/4" FOR RUNOUTS TO INDIVIDUAL DEVICES, 1" FOR ALL OTHER RUNS

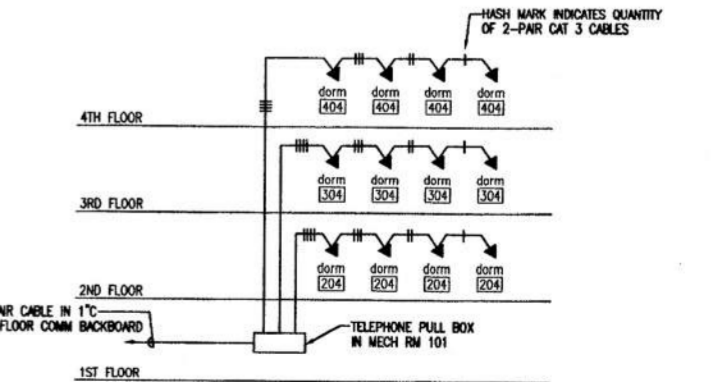
LIGHTING FIXTURE SCHEDULE				
MARK	MANUFACTURER AND CATALOG No.	LAMPS		REMARKS
		No.	TYPE	
FS	COLUMBIA CS4232EB-277-CSWG4	2	F32 SURFACE	①
FTV	GUTH F91-1424F-ITAO	2	F32 RECESSED (FLANGED)	① ②
FTVE	GUTH F91-1424F-ITAO-EM	2	F32 RECESSED (FLANGED)	① ②
WB	MOLDCAST MDL-1-00-19-12	1	20W MH WALL	①
FT	MORLITE FPM-14-232-3/C-14-EB	2	F32 RECESSED (FLANGED)	①
FTE	MORLITE FPM-14-232-3/C-F4-EB-EL	2	F32 RECESSED (FLANGED)	① ②
FDA	MORLITE 8708-M-232-F4-EB-277	2	F32 SURFACE	①
FDME	MORLITE 8708-M-232-F4-EB-277-EL	2	F32 SURFACE	① ②

① 277 VOLT

② PROVIDE WITH EMERGENCY UNIT BATTERY PACK

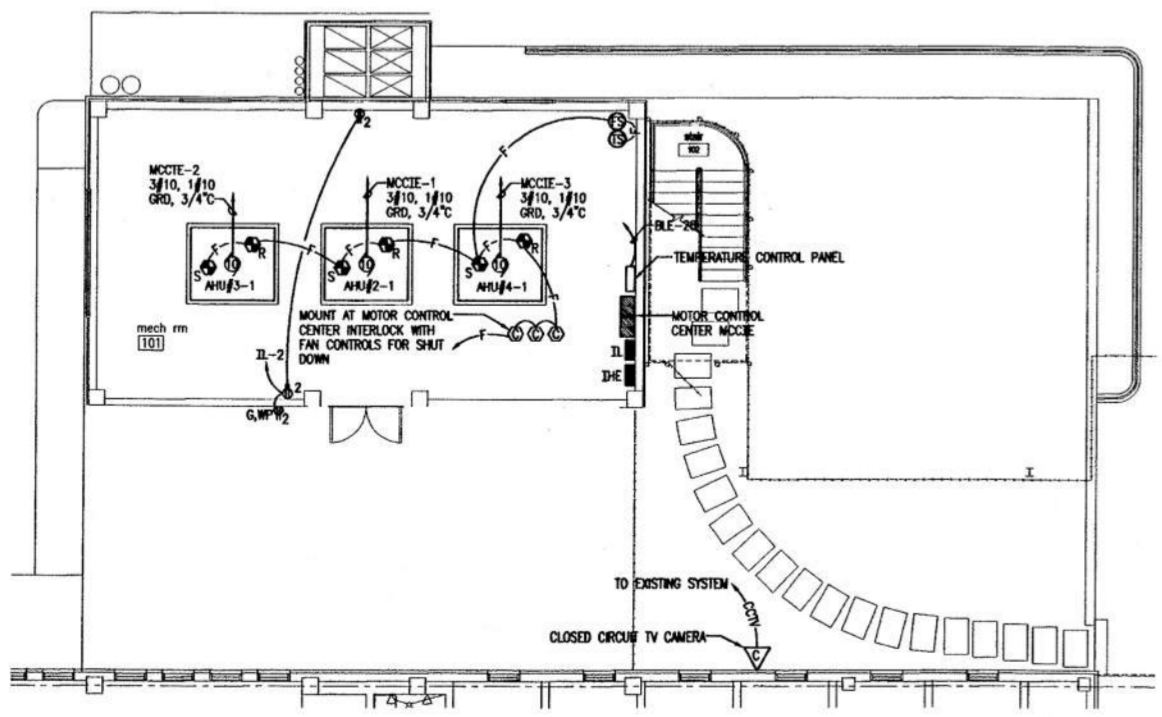
GENERAL NOTE

-MANUFACTURER AND CATALOG NUMBERS OF LIGHTING FIXTURES SHOWN ARE TO INDICATE TYPE AND QUALITY OF FIXTURES REQUIRED. EQUAL FIXTURES ARE ACCEPTABLE.

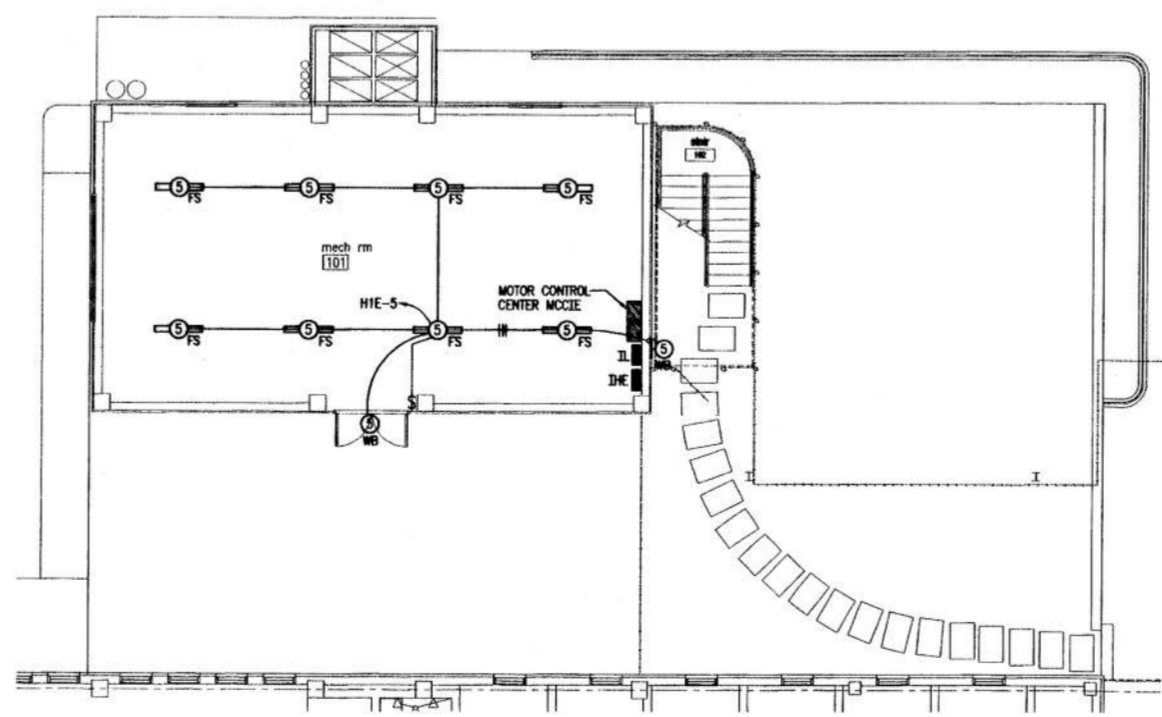


TELEPHONE RISER DIAGRAM

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NOT FOR CONSTRUCTION

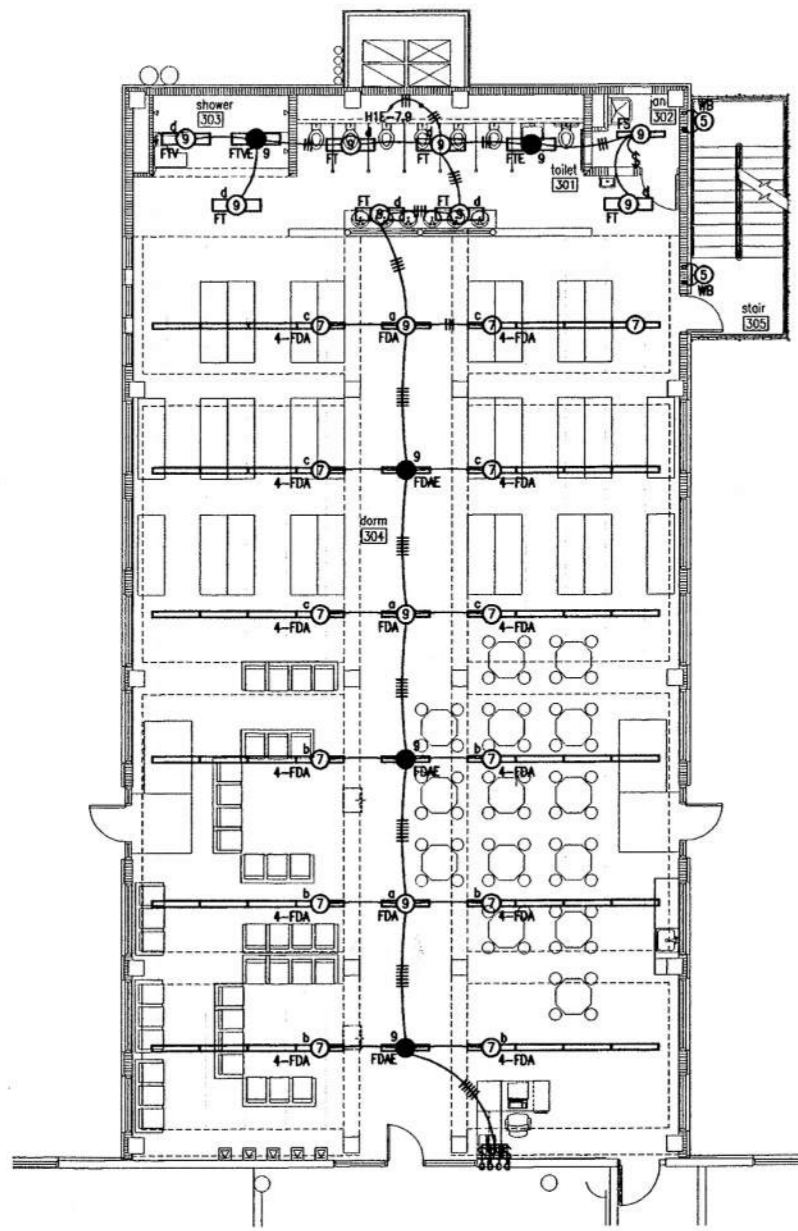


MECHANICAL ROOM POWER & SIGNAL PLAN
SCALE: 1/8" = 1'-0"

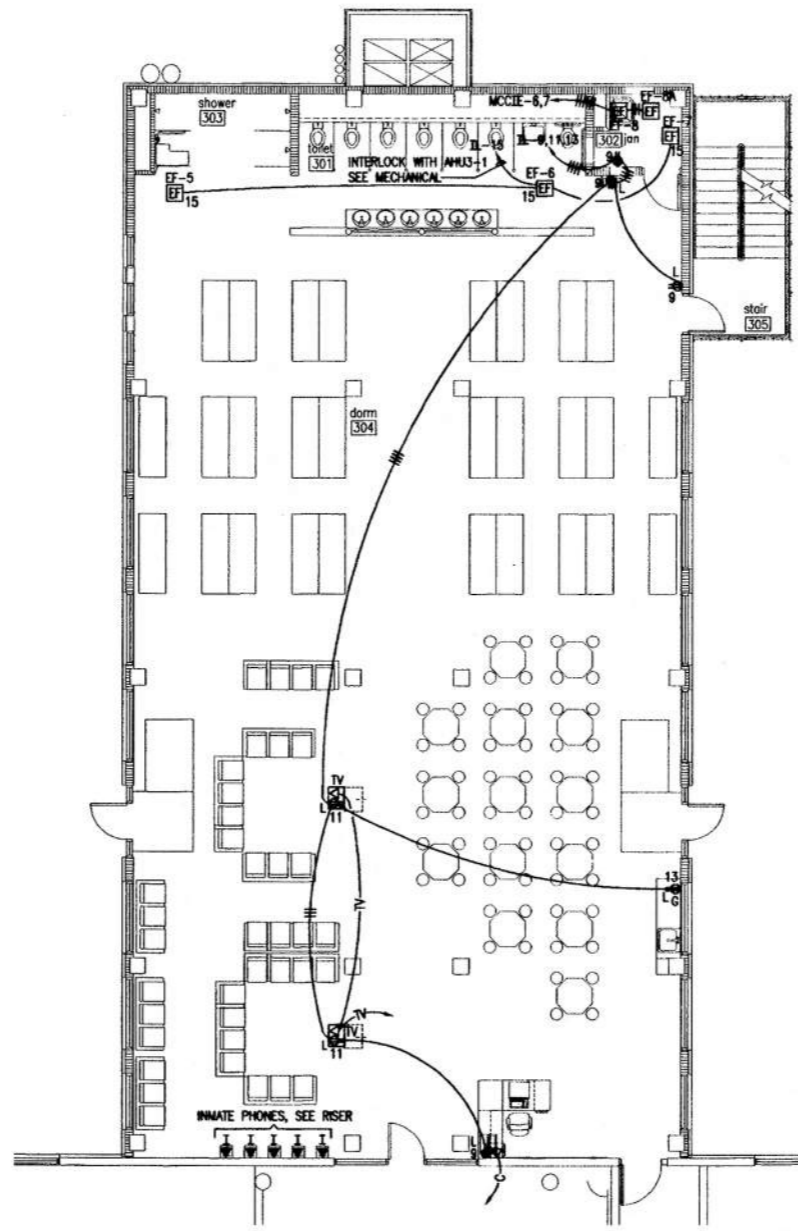


MECHANICAL ROOM LIGHTING PLAN
SCALE: 1/8" = 1'-0"

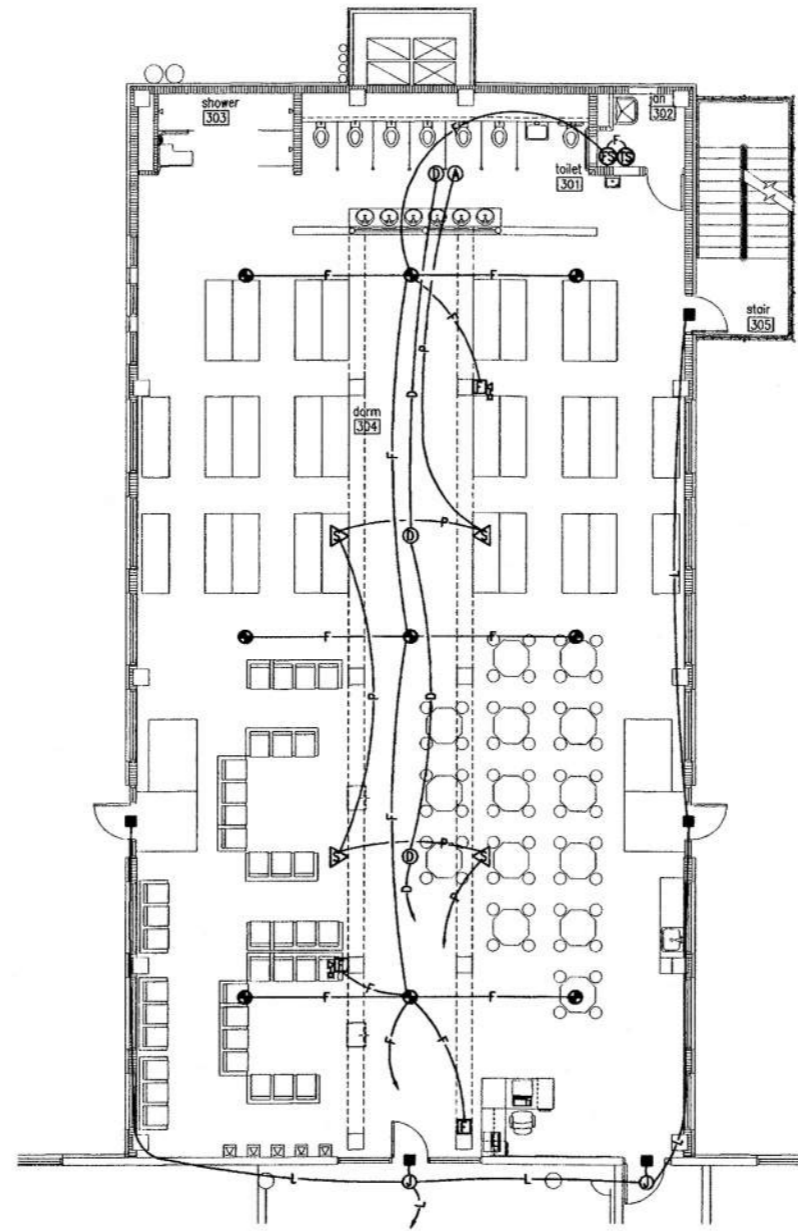
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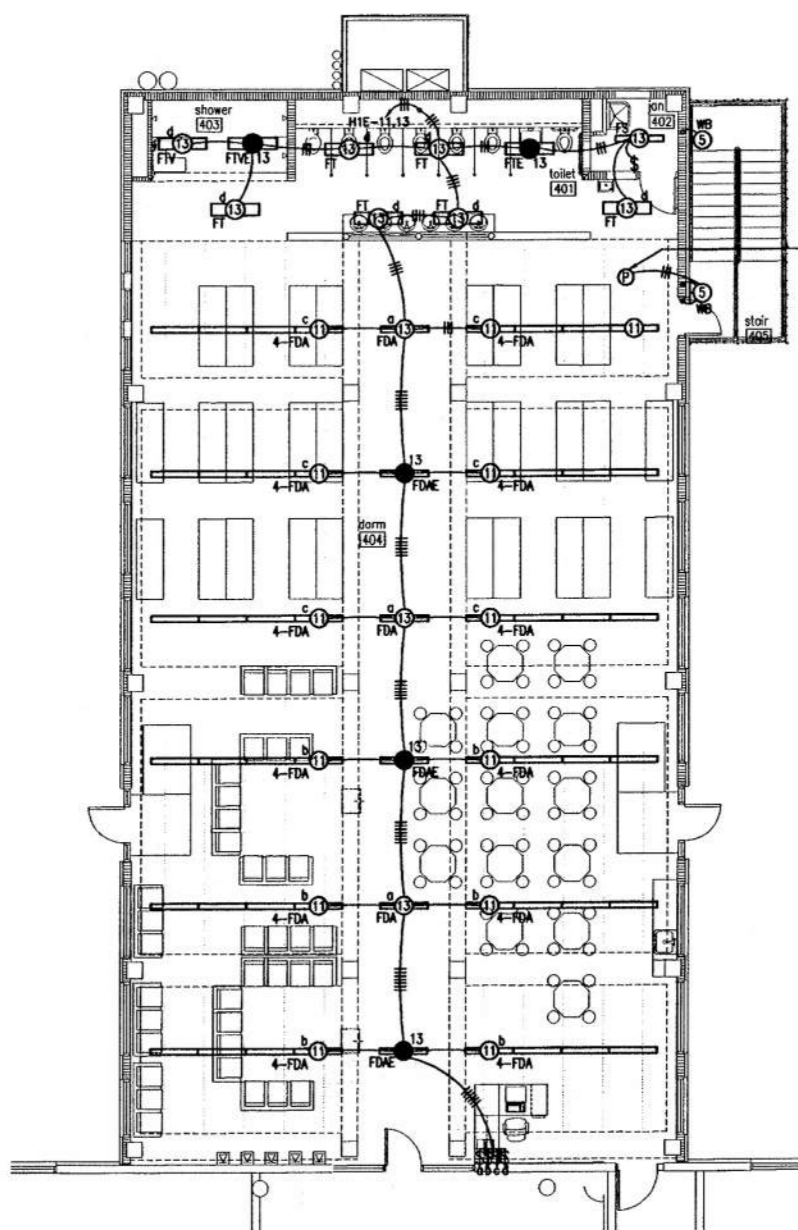
3RD FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"



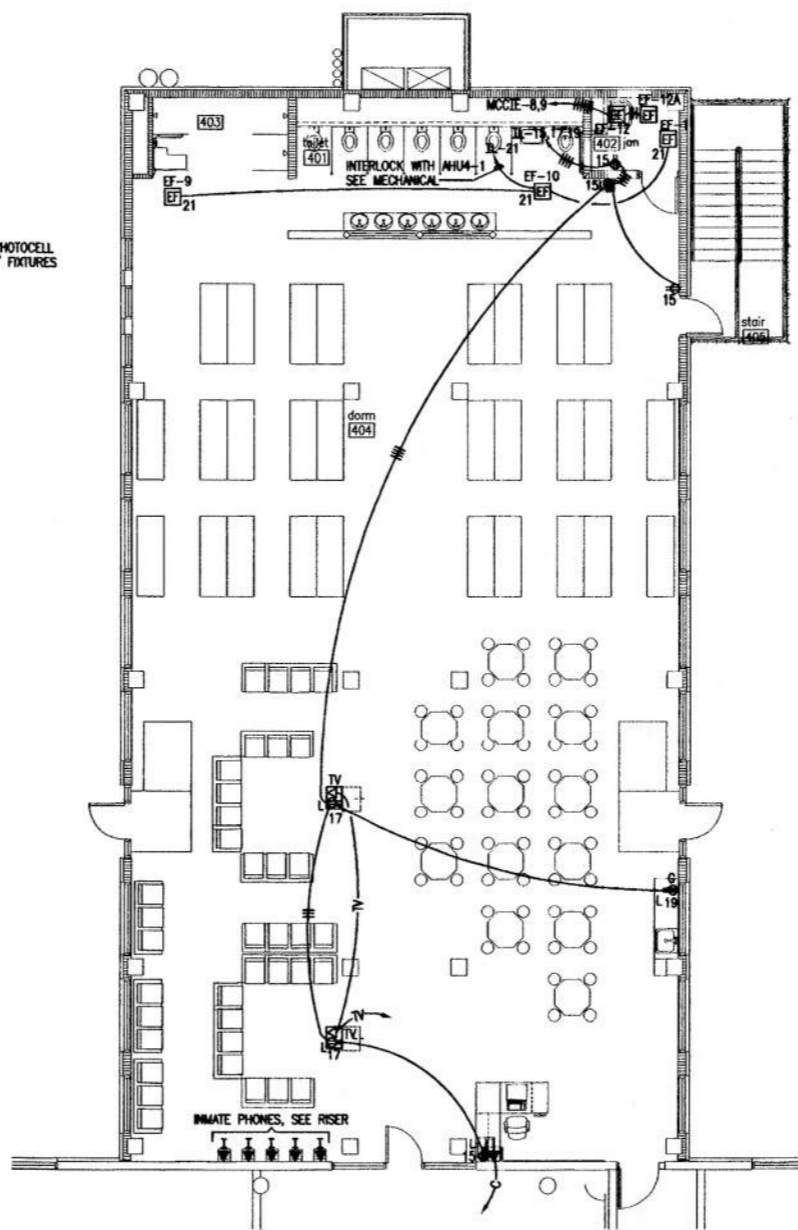
3RD FLOOR POWER & COMMUNICATIONS PLAN
SCALE: 1/8" = 1'-0"



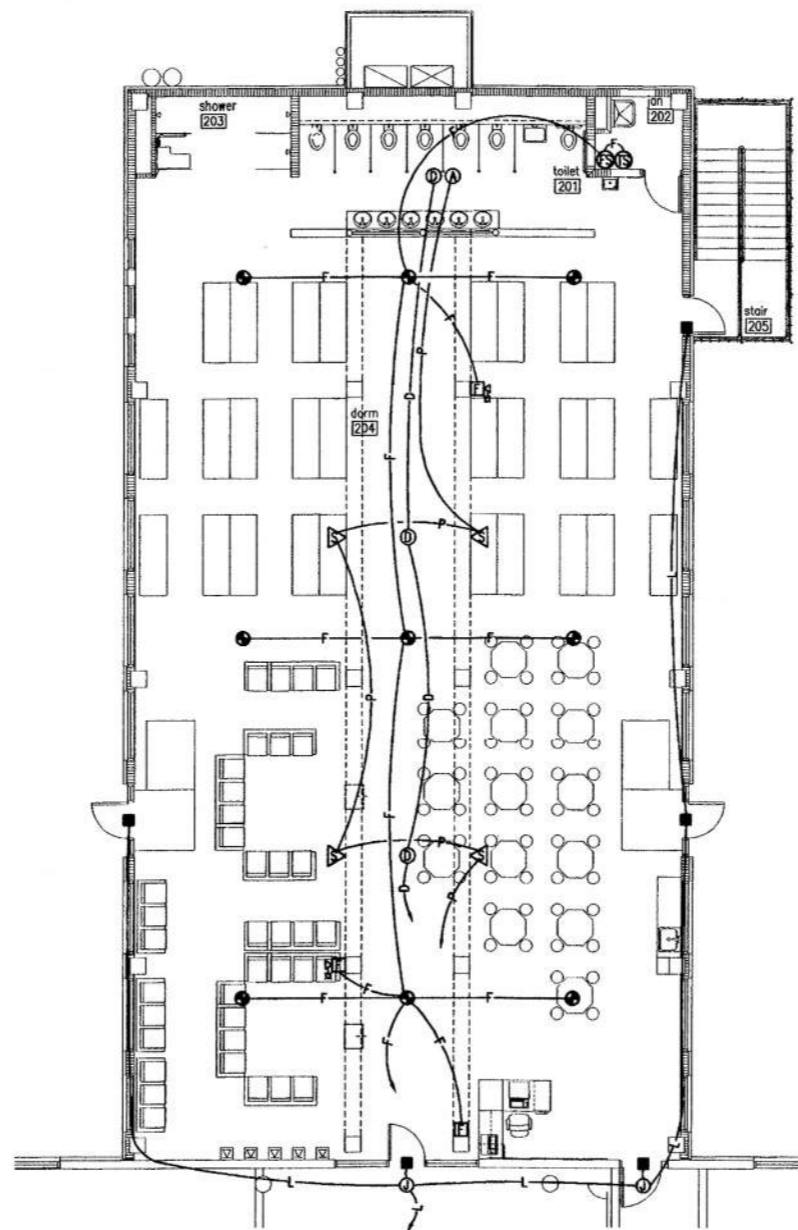
3RD FLOOR SIGNAL & SECURITY PLAN
SCALE: 1/8" = 1'-0"



4TH FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"



4TH FLOOR POWER & COMMUNICATIONS PLAN
SCALE: 1/8" = 1'-0"



4TH FLOOR SIGNAL & SECURITY PLAN
SCALE: 1/8" = 1'-0"

ROOF MOUNTED PHOTOCELL TO CONTROL THE FIXTURES

PRICING SET
NOT FOR CONSTRUCTION



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project:
insert housing addition
central booking and detention facility
escambia county, florida

sheet title:
third floor lighting and
power & signal plan

revisions:
scale: AS SHOWN
drawn: MLYNARCZYK
check: KLOCKE
date: 7/12/99
project no. 9705-3

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120/208 VOLT 3Ø 4W 100 AMP M.L.O. SURFACE MOUNTED
CIRCUIT BREAKER PANEL SCHEDULE
PANEL IL

CKT	LOAD DESCRIPTION	BREAKER POLE AMP	LOAD KVA	BREAKER AMP POLE	LOAD DESCRIPTION	CKT
1	RECEPT. DORM 204	1	20	5	RECEPT MECH RM 101	2
3	TV DORM 204	1	.6	20	SPARE	4
5	CHR DORM 204	1	.18	20	SPARE	6
7	EF 123	1	.6	20	SPARE	8
9	DORM 304	1	.9	20	SPARE	10
11	TV DORM 304	1	.6	20	SPARE	12
13	CHR DORM 304	1	.18	20	SPARE	14
15	EF 567	1	.6	20	SPARE	16
17	DORM 404	1	.9	20	SPACE	18
19	TV DORM 404	1	.6	20	SPACE	20
21	CHR DORM 404	1	.18	20	SPACE	22
23	EF 8,10,11	1	.6	20	SPACE	24
25	SPACE					26
27						28
29						30
31						32
33						34
35						36
37						38
39						40
41						42

TOTAL CONNECTED LOAD: 7.38 KVA
 MINIMUM INTERRUPTING CAPACITY: 10,000 AMPS SYMMETRICAL

277/480 VOLT 3Ø 4W 100 AMP M.L.O. SURFACE MOUNTED
CIRCUIT BREAKER PANEL SCHEDULE
PANEL IHE

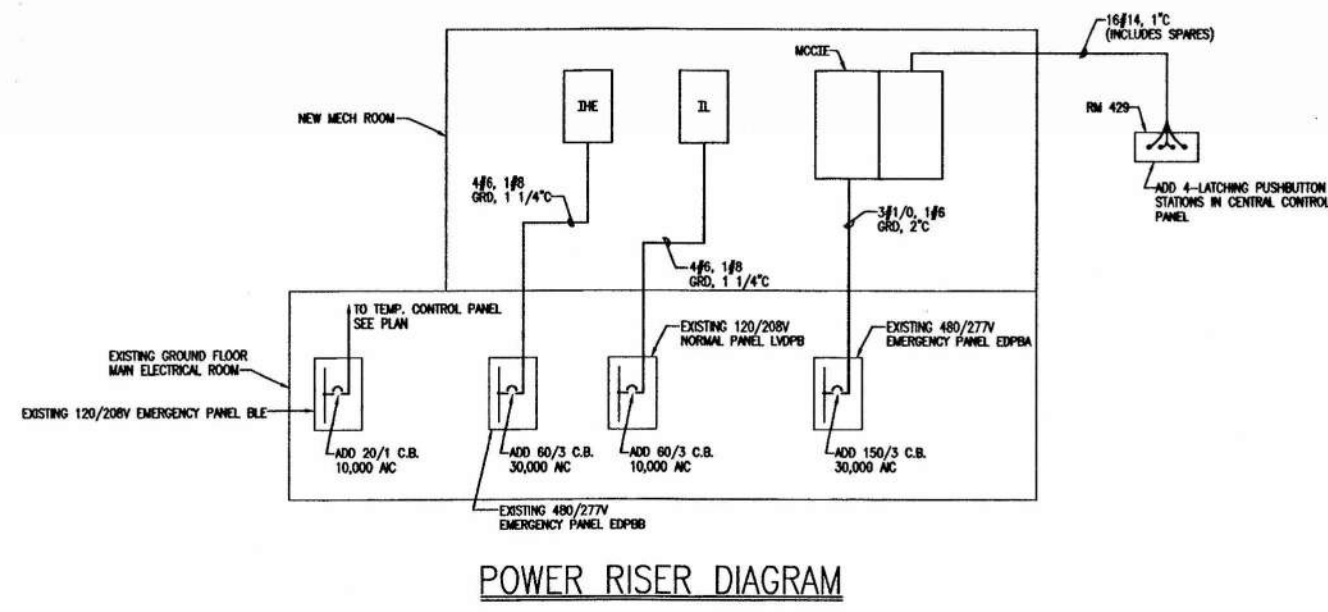
CKT	LOAD DESCRIPTION	BREAKER POLE AMP	LOAD KVA	BREAKER AMP POLE	LOAD DESCRIPTION	CKT
1	LIGHTING DORM 204	1	20	3.12	SPARE	2
3		1		1.04		4
5	STAR 205,305,405	1		1.05		6
7	DORM 304	1		3.12		8
9		1		1.04		10
11	DORM 404	1		3.12		12
13		1		1.04		14
15	SPARE	1				16
17						18
19						20
21						22
23						24
25						26
27						28
29						30
31						32
33						34
35						36
37						38
39						40
41						42

TOTAL CONNECTED LOAD: 13.53 KVA
 MINIMUM INTERRUPTING CAPACITY: 30,000 AMPS SYMMETRICAL

480V, 3Ø, 3W 600 AMP M.L.O. MINIMUM INTERRUPTING CAPACITY: 30,000 AMPS SYMMETRICAL
MOTOR CONTROL CENTER SCHEDULE
MCCIE

CKT No.	LOAD DESCRIPTION	LOAD	CKT BREAKER AMPS/POLES	NEMA STARTER SIZE	STARTER TYPE	REMARKS
1	AHU2-1	10 HP	25/3	1	FVNR	①
2	AHU3-1	10 HP	25/3	1	FVNR	①
3	AHU4-1	10 HP	25/3	1	FVNR	①
4	EXHAUST FAN #4	3/4 HP	15/3	1	FVNR	②
5	EXHAUST FAN #4A	3/4 HP	15/3	1	FVNR	②
6	EXHAUST FAN #8	3/4 HP	15/3	1	FVNR	②
7	EXHAUST FAN #8A	3/4 HP	15/3	1	FVNR	②
8	EXHAUST FAN #12	3/4 HP	15/3	1	FVNR	②
9	EXHAUST FAN #12A	3/4 HP	15/3	1	FVNR	②
10	SPACE					
11	SPACE					
12	SPACE					

- ① GREEN RUN PILOT LIGHT N-0-A SELECTOR SWITCH 480-120 CONTROL TRANSFORMER PHASE FAILURE/PHASE REVERSAL RELAY
 - ② GREEN RUN PILOT LIGHT, 480-120 CONTROL TRANSFORMER
- FVNR-FULL VOLTAGE NON-REVERSING
 NOTE: PROVIDE WITH INTEGRAL SURGE SUPPRESSOR (UNIT MOUNTED WITH DISCONNECT)

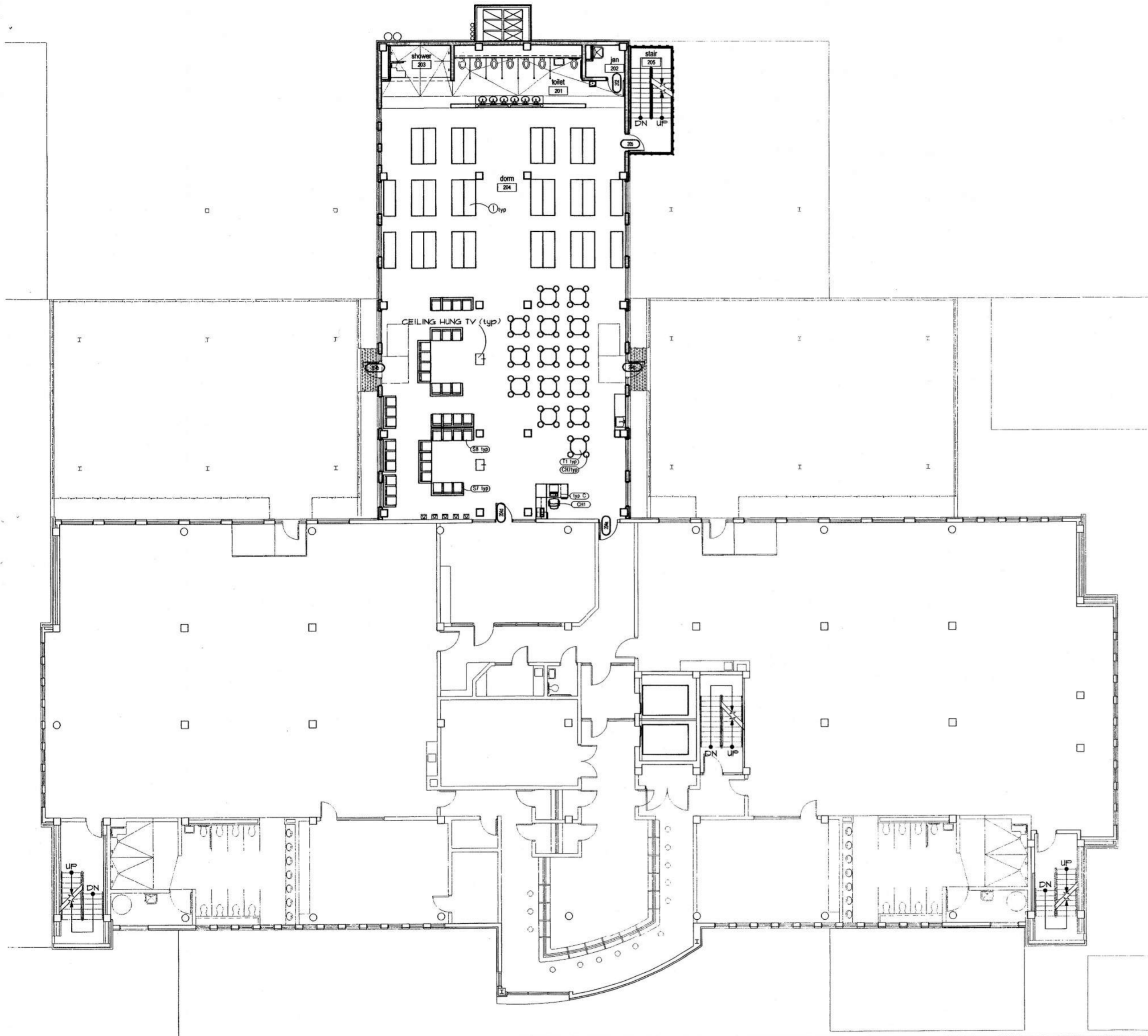


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 sheet title: **fourth floor lighting and power & signal plan**
 project: **central booking and detention facility escambia county, florida**
 insert housing addition

revisions:
 scale: AS SHOWN
 drawn: MLYNARCZYK
 check: KLOCKE
 date: 7/12/99
 project no. 9705-3

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furniture & equipment plan - insert housing - second floor

ALL OFFICE, COMPUTER AND AUDIO VISUAL EQUIPMENT N.I.C.

1/8"=1'-0"

new furniture & accessories key	
Item	
(AC)	CUBICLE CURTAIN
(CH)	CHAIR, 24-HOUR
(CH)	CHAIR, ADJUSTABLE HEIGHT
(CH)	CHAIR, CONFERENCE
(CH)	CHAIR, EXECUTIVE
(CH)	CHAIR, JUDGE
(CH)	CHAIR, MANAGER
(CH)	CHAIR, PLASTIC
(CH)	CHAIR, SIDE EXECUTIVE
(CH)	CHAIR, SIDE, UPHOLSTERED
(CH)	CHAIR, STACK, THERMOPLASTIC
(CH)	CHAIR, TASK
(CH)	STOOL, EXAM
(CC)	COMPUTER CARRELS (3)
(CC)	COMPUTER CARRELS (8)
(CR)	CRENZIA
(FL)	FILE, 4-DR LATERAL
(FR)	FILE, ROTARY 6-TIER
(L)	LECTERN
(RU)	RECEPTION UNIT
(S)	TANDEM 5-SEAT
(SO)	CHAIR, OCCASIONAL
(SO)	SOFA, 2-SEAT
(SE)	SEATING, RECEPTION
(SE)	SEATING, ROTOMOLDED VINYL
(SE)	TANDEM 3-SEAT W/ARMS
(ST)	SEATING, GANGED 3
(SE)	SEATING, GANGED 4
(T)	TABLE, HOUSING
(T)	TABLE, 24'X12'
(T)	TABLE 36' SQ
(T)	TABLE, 36'X12'
(T)	TABLE, 42' SQ
(T)	TABLE, CONFERENCE 8'
(T)	TABLE, CONFERENCE 12'
(T)	TABLE, EXAM
(T)	TABLE, OCCASIONAL
(TYP A)	TYPICAL A
(TYP AI)	TYPICAL AI
(TYP B)	TYPICAL B
(TYP C)	TYPICAL C
(TYP CI)	TYPICAL CI
(TYP D)	TYPICAL D
(TYP E)	TYPICAL E

notes
 ① INMATE HOUSING BUNK/LOCKER UNITS - REFER TO ARCHITECTURAL SPECIFICATIONS.

equipment legend (n.i.c)	
	COMPUTER
	COPIER
	FAX MACHINE
	PRINTER
	TV, AV CART
	TV, WALL HUNG



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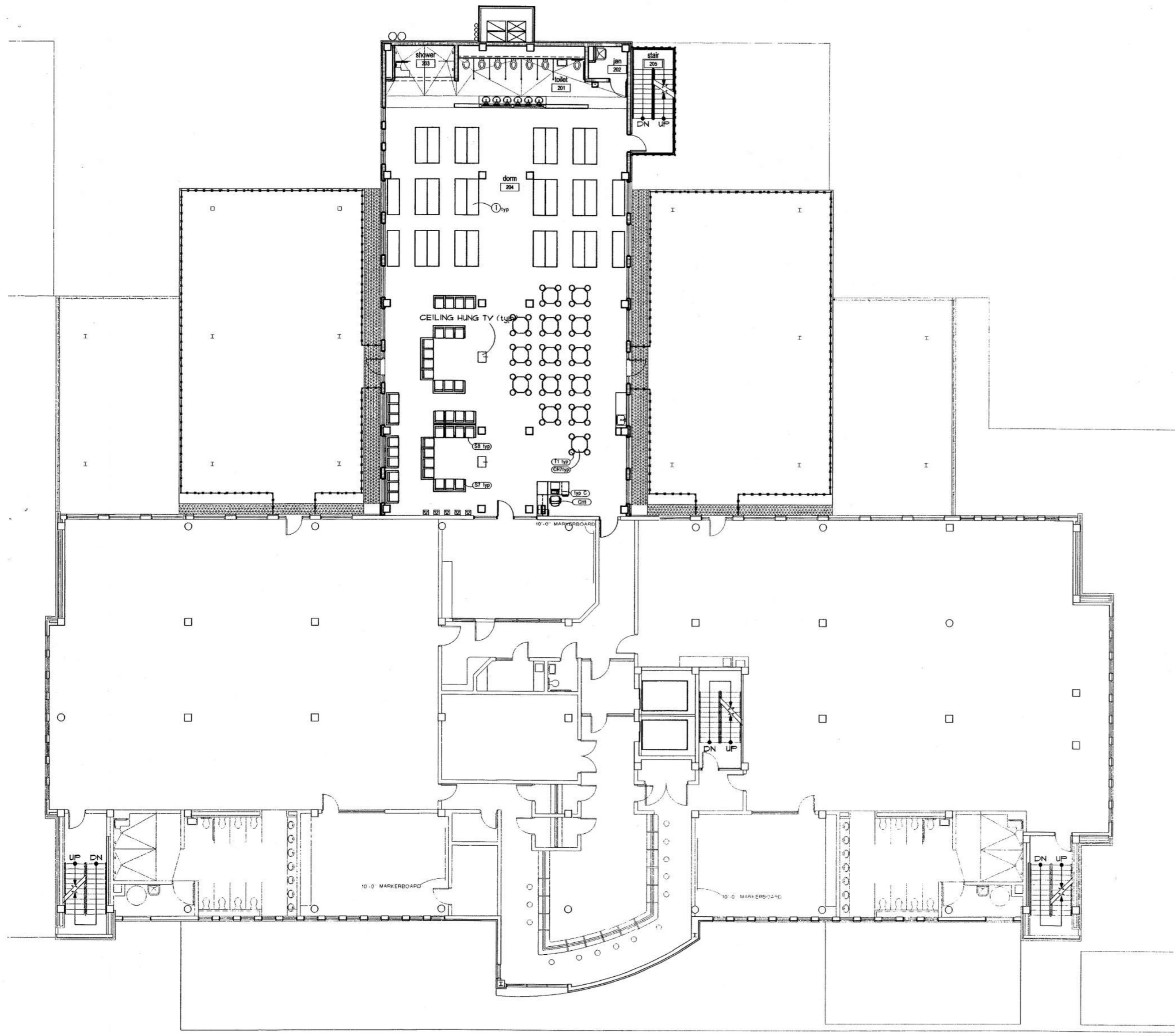
project:
 insert housing addition
 central booking and detention facility
 escambia county, florida

sheet title:
 insert housing unit
 furniture & equipment plan - second floor

revisions:
 5/19/99 sjc
 7/08/99 sjc
 as noted
 scale:
 tkmc
 draw:
 jps
 check:
 date: 07/12/99
 project no. 9705-3

F2.2.1af

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furniture & equipment plan - insert housing - third floor
 ALL OFFICE, COMPUTER AND AUDIO VISUAL EQUIPMENT N.I.C. 1/8"=1'-0"

new furniture & accessories key

Item
(A1) CUBICLE CURTAIN
(CH) CHAIR, 24-HOUR
(CH) CHAIR, ADJUSTABLE HEIGHT
(CH) CHAIR, CONFERENCE
(CH) CHAIR, EXECUTIVE
(CH) CHAIR, JUDGE
(CH) CHAIR, MANAGER
(CH) CHAIR, PLASTIC
(CH) CHAIR, SIDE EXECUTIVE
(CH) CHAIR, SIDE, UPHOLSTERED
(CH) CHAIR, STACK, THERMOPLASTIC
(CH) CHAIR, TASK
(CH) STOOL, EXAM
(CD) COMPUTER CARRELS (3)
(CD) COMPUTER CARRELS (6)
(CR) CREDENZA
(F1) FILE, 4-DR LATERAL
(F2) FILE, ROTARY 6-TIER
(L) LECTERN
(R) RECEPTION UNIT
(S1) TANDEM 5-SEAT
(S2) CHAIR, OCCASIONAL
(S3) SOFA, 2-SEAT
(S4) SEATING, RECEPTION
(S5) SEATING, ROTOMOLDED VINYL
(S6) TANDEM 3-SEAT W/ARM'S
(S7) SEATING, GANGED 3
(S8) SEATING, GANGED 4
(T1) TABLE, HOUSING
(T2) TABLE, 24'X12'
(T3) TABLE 36' SQ
(T4) TABLE, 36'X12'
(T5) TABLE, 42' SQ
(T6) TABLE, CONFERENCE 8'
(T7) TABLE, CONFERENCE 12'
(T8) TABLE, EXAM
(T9) TABLE, OCCASIONAL
(TYP A) TYPICAL A
(TYP AI) TYPICAL AI
(TYP B) TYPICAL B
(TYP C) TYPICAL C
(TYP CI) TYPICAL C.I
(TYP D) TYPICAL D
(TYP E) TYPICAL E

notes
 ① INMATE HOUSING BUNK/LOCKER UNITS - REFER TO ARCHITECTURAL SPECIFICATIONS.

equipment legend (n.i.c)

[Symbol]	COMPUTER
[Symbol]	COPIER
[Symbol]	FAX MACHINE
[Symbol]	PRINTER
[Symbol]	TV, AV CART
[Symbol]	TV, WALL HUNG



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project:
 insert housing addition
 central booking and detention facility
 escambia county, florida

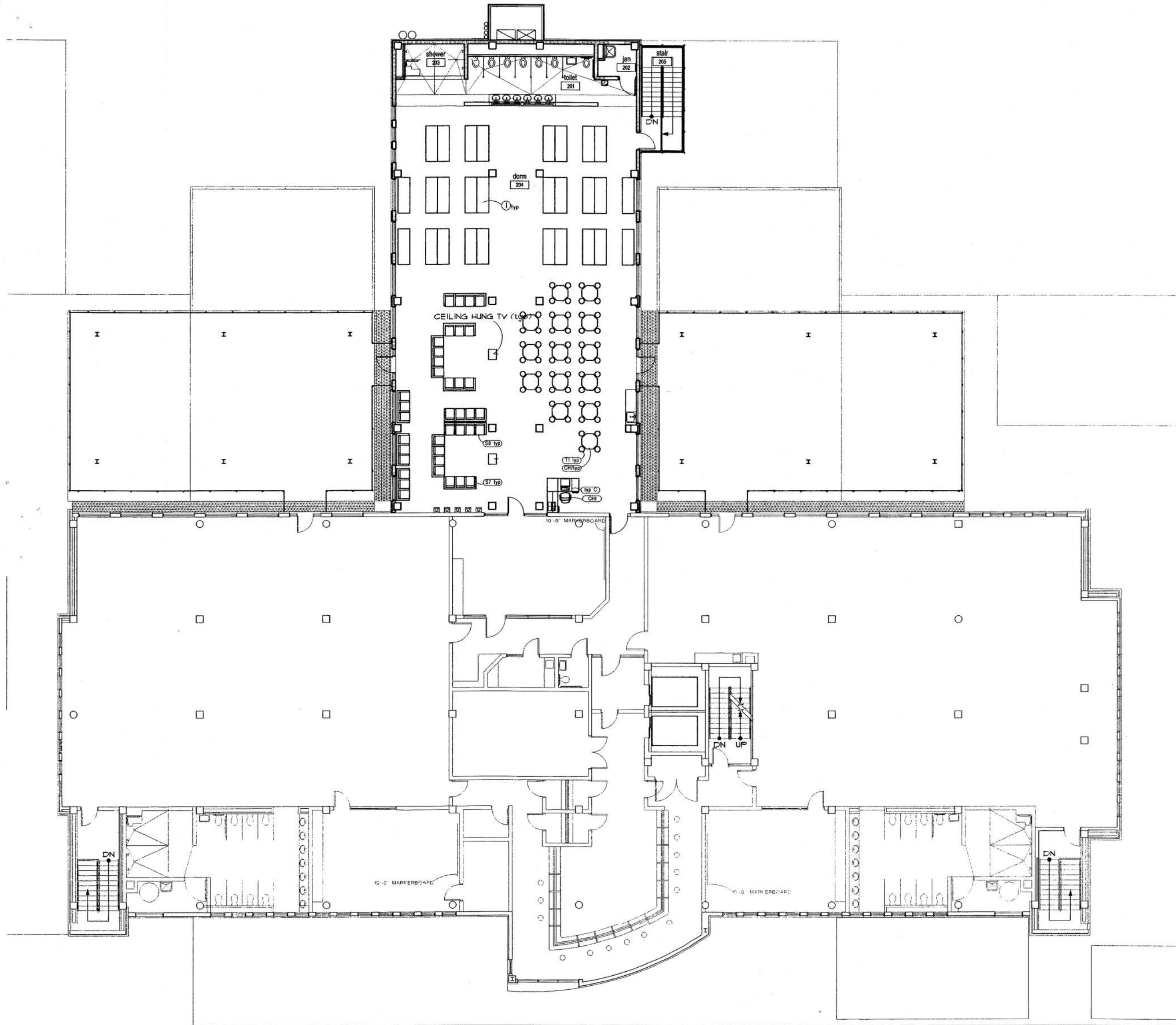
sheet title:
 insert housing unit
 furniture & equipment plan - third floor

revisions:
 5/19/99 sjc
 7/08/99 sjc

scale: as noted
 draw: tkmc
 check: jps
 date: 07/12/99
 project no. 9705-3

F2.3.1af

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furniture & equipment plan - insert housing - fourth floor

ALL OFFICE, COMPUTER AND AUDIO VISUAL EQUIPMENT N.I.C.

1/8"=1'-0"

new furniture & accessories key	
Item	
CAI	CUBICLE CURTAIN
CHAIR	CHAIR, 24-HOUR
CHAIR	CHAIR, ADJUSTABLE HEIGHT
CHAIR	CHAIR, CONFERENCE
CHAIR	CHAIR, EXECUTIVE
CHAIR	CHAIR, JUDGE
CHAIR	CHAIR, MANAGER
CHAIR	CHAIR, FLASTIC
CHAIR	CHAIR, SIDE EXECUTIVE
CHAIR	CHAIR, SIDE, UPHOLSTERED
CHAIR	CHAIR, STACK, THERMOPLASTIC
CHAIR	CHAIR, TASK
CHAIR	CHAIR, EXAM
COMPUTER	COMPUTER CARRELS (3)
COMPUTER	COMPUTER CARRELS (8)
CRENZNA	CRENZNA
FILE	FILE, 4-DR LATERAL
FILE	FILE, ROTARY 6-TIER
LECTERN	LECTERN
RECEPTION UNIT	RECEPTION UNIT
TANDEM 5-SEAT	TANDEM 5-SEAT
CHAIR	CHAIR, OCCASIONAL
SOFA	SOFA, 2-SEAT
SEATING	SEATING, RECEPTION
SEATING	SEATING, ROTOMOLDED VINYL
TANDEM 3-SEAT	TANDEM 3-SEAT W/ARM'S
SEATING	SEATING, GANGED 3
SEATING	SEATING, GANGED 4
TABLE	TABLE, HOUSING
TABLE	TABLE, 24'X12'
TABLE	TABLE, 36' SQ
TABLE	TABLE, 36'X12'
TABLE	TABLE, 42' SQ
TABLE	TABLE, CONFERENCE 8'
TABLE	TABLE, CONFERENCE 12'
TABLE	TABLE, EXAM
TABLE	TABLE, OCCASIONAL
TYPICAL A	TYPICAL A
TYPICAL AI	TYPICAL AI
TYPICAL B	TYPICAL B
TYPICAL C	TYPICAL C
TYPICAL CI	TYPICAL CI
TYPICAL D	TYPICAL D
TYPICAL E	TYPICAL E

notes

- ① INMATE HOUSING BUNK/LOCKER UNITS - REFER TO ARCHITECTURAL SPECIFICATIONS.

equipment legend (n.i.c.)

	COMPUTER
	COPIER
	FAX MACHINE
	PRINTER
	TV, AV CART
	TV, WALL HUNG

AL 02/19



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project:
insert housing addition
central booking and detention facility
escambia county, florida

sheet title:
insert housing unit
furniture & equipment plan - fourth floor

revisions:
5/19/99 sjc
7/08/99 sjc

scale: as noted

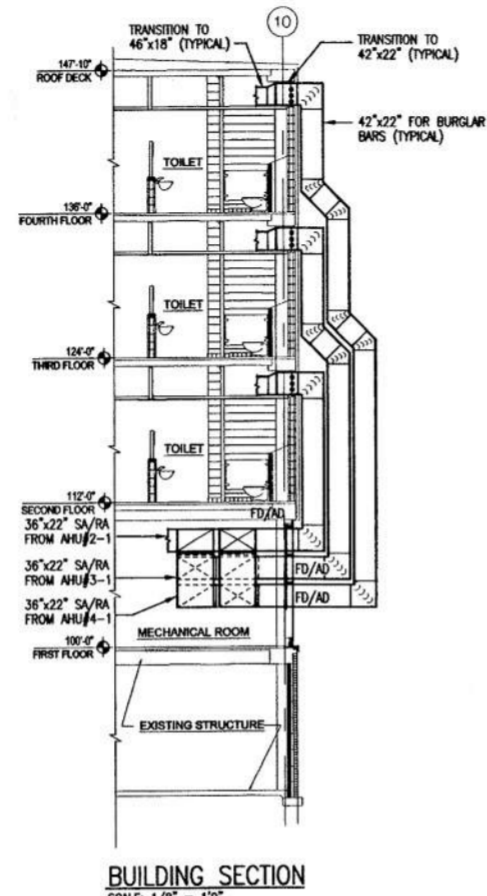
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check: jps

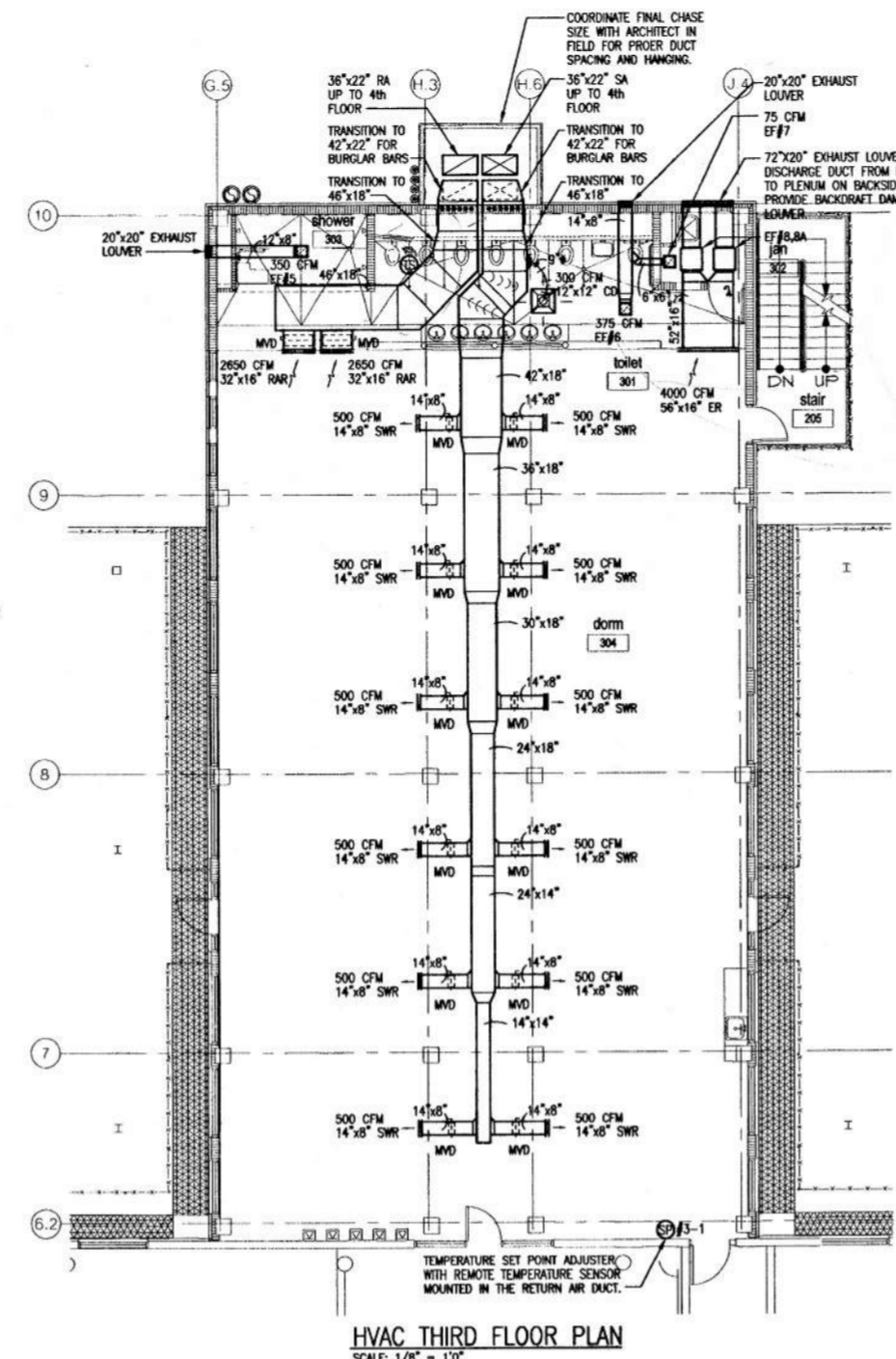
date: 07/12/99

project no. 9705-3

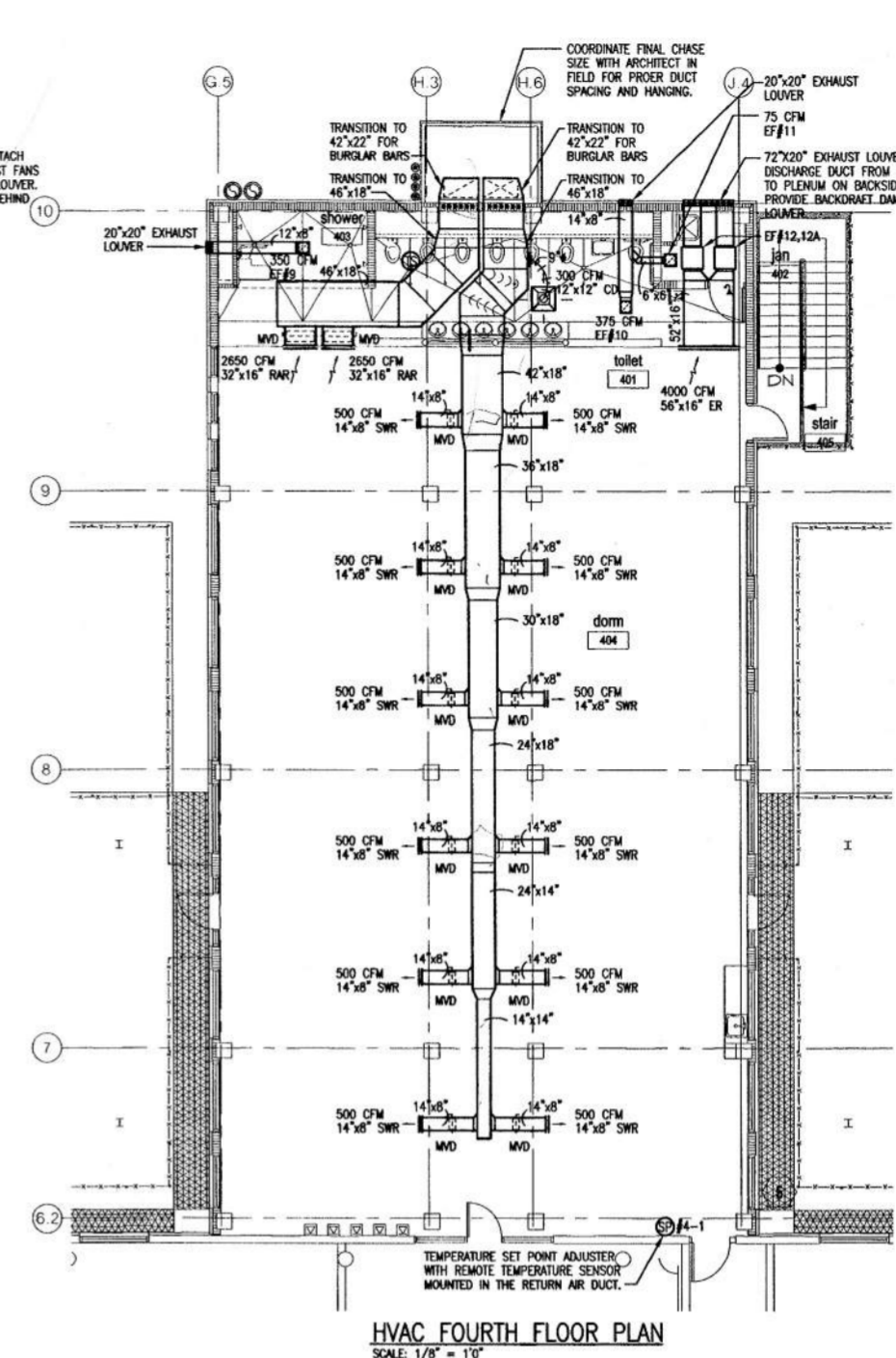
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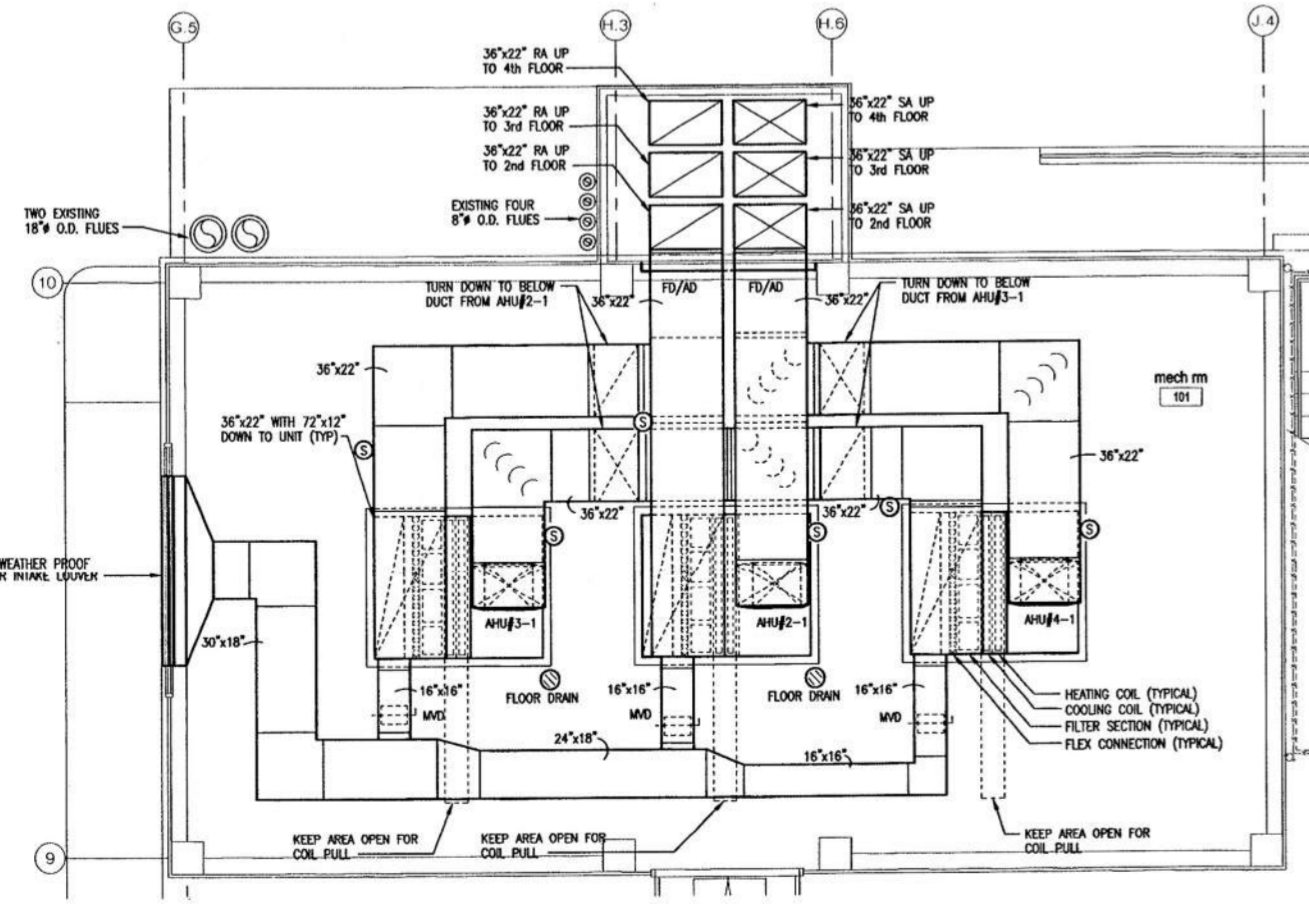
BUILDING SECTION
SCALE: 1/8" = 1'-0"



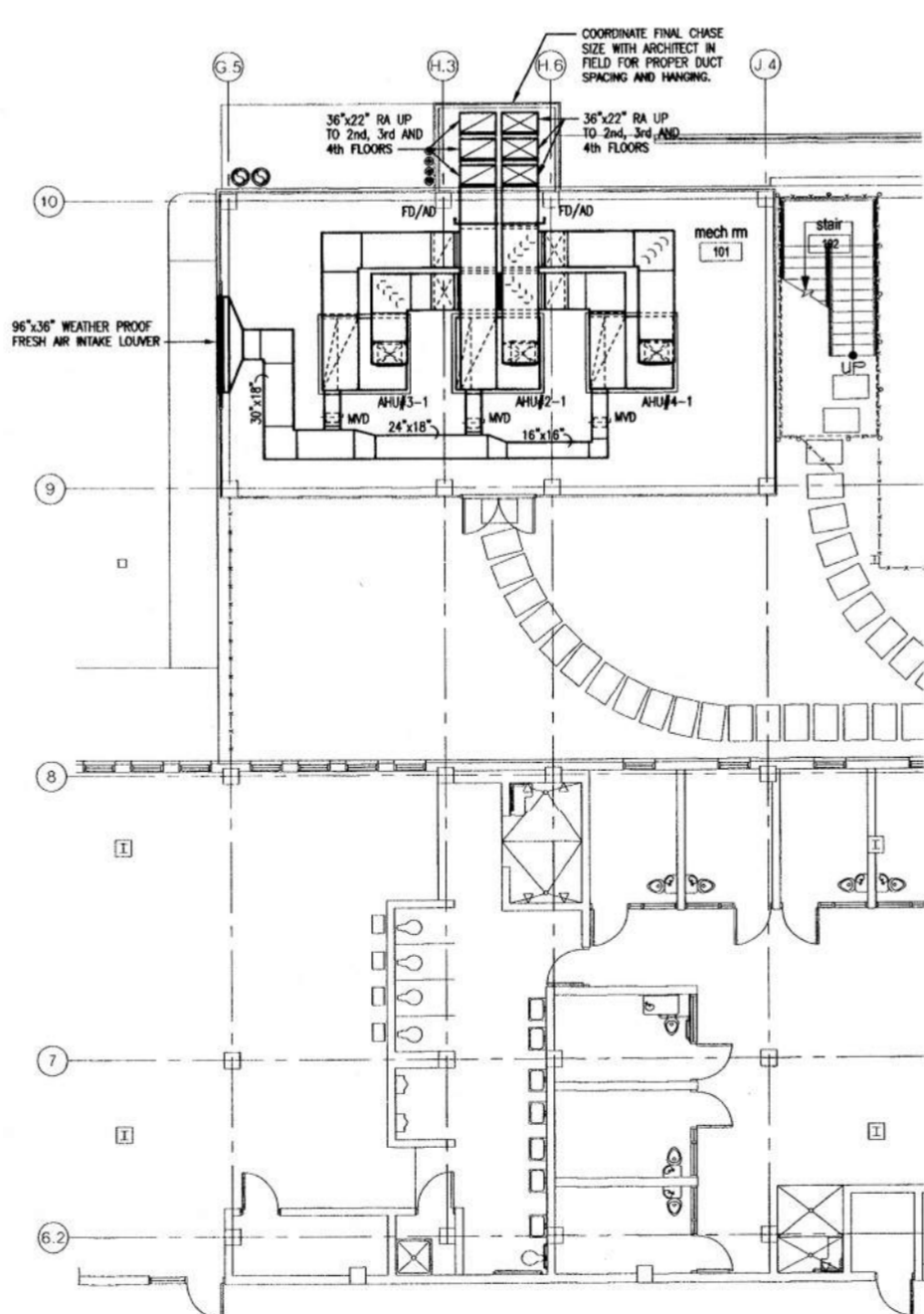
HVAC THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"



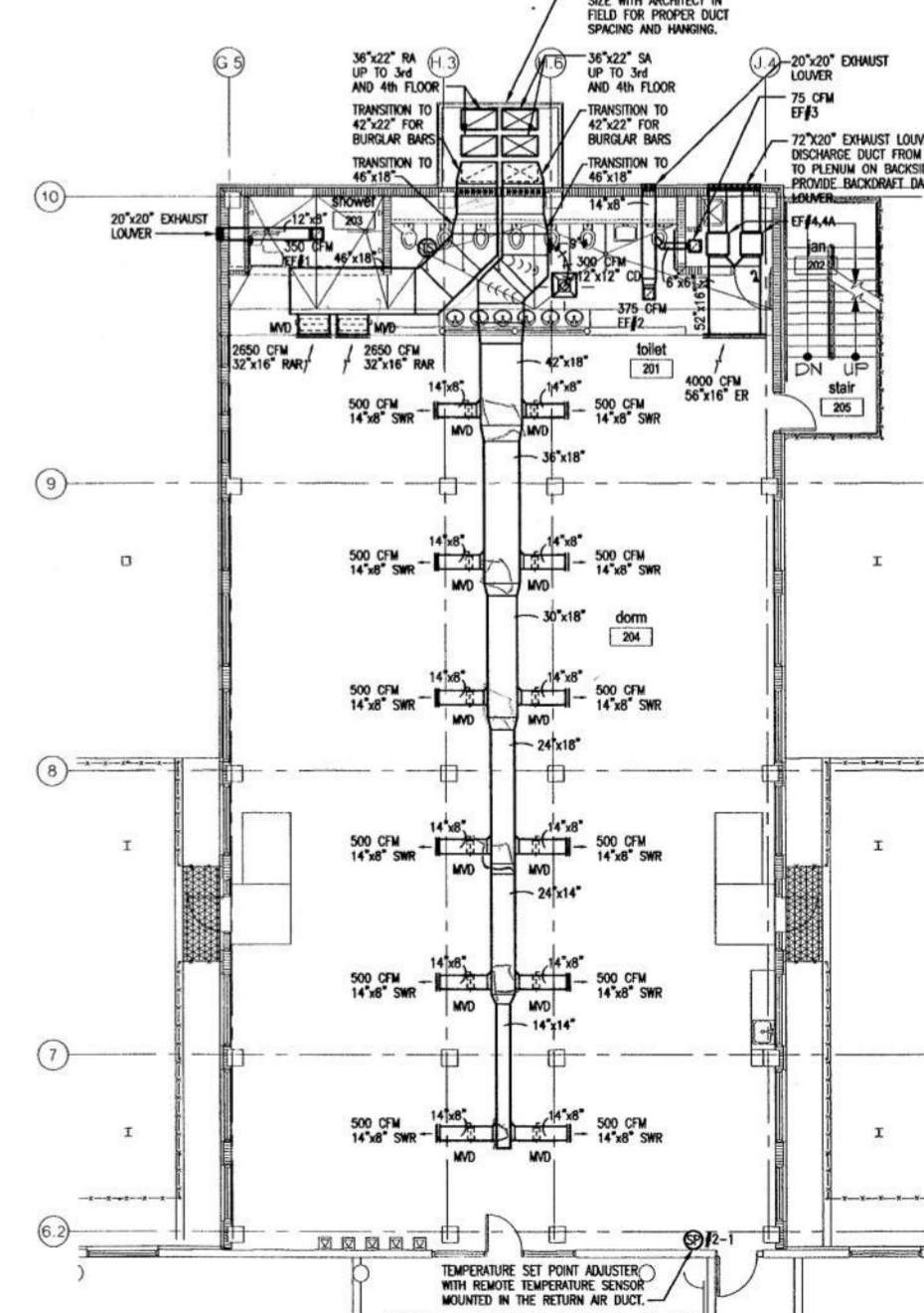
HVAC FOURTH FLOOR PLAN
SCALE: 1/8" = 1'-0"



ENLARGED MECHANICAL ROOM DUCT PLAN
SCALE: 1/4" = 1'-0"



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



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



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project:
insert housing addition
central booking and detention facility
escambia county, florida

sheet title:
insert housing unit
hvac floor plans

revisions:

scale: 1/8" = 1'-0"
drawn: tjm
check: hmy
date: 06/09/99
project no. 9705-3

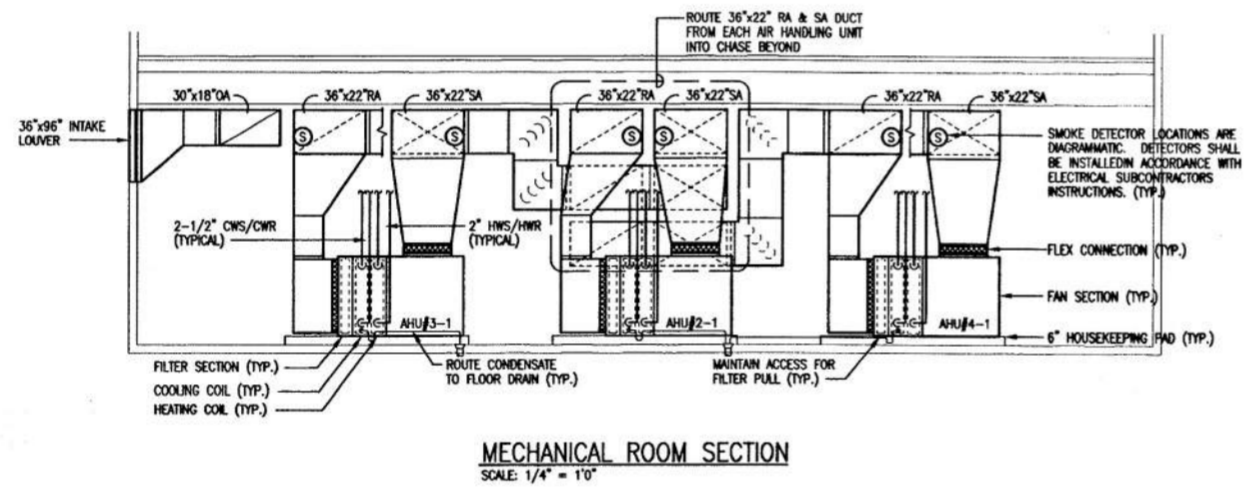
M1.0

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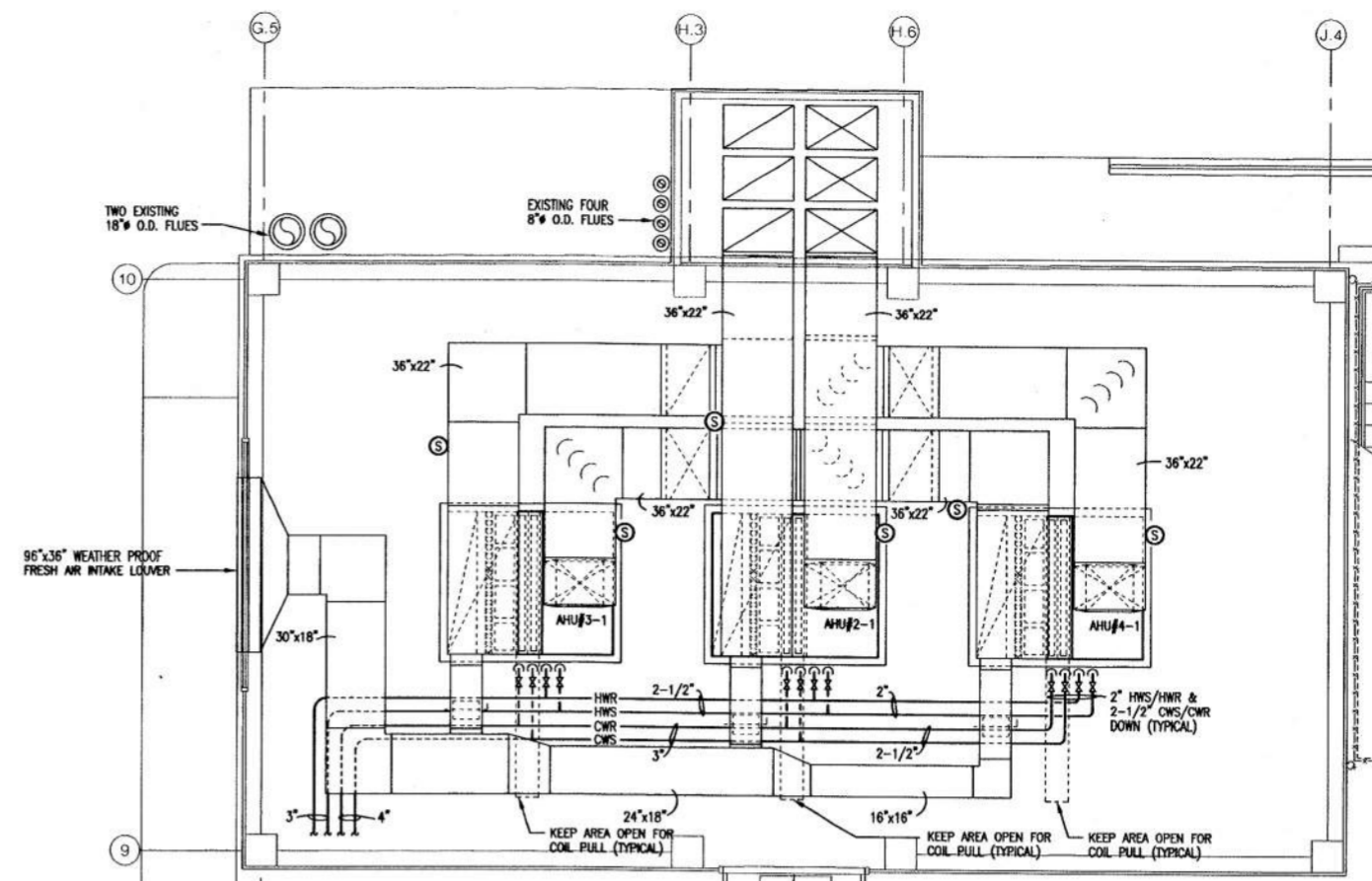
AIR HANDLING UNIT SCHEDULE																													
MARK #	AIR DATA				COOLING CAPACITY				CHILLED WATER				HOT WATER HEATING				AREA SERVED	ELECTRICAL DATA		REMARKS									
	TOTAL CFM	OA	ESP	TSP	COOLING CAPACITY	SENSIBLE BTU/HR	TOTAL BTU/HR	CHILLED WATER	CHILLED WATER	CHILLED WATER	CHILLED WATER	CHILLED WATER	CHILLED WATER	CHILLED WATER	CHILLED WATER	CHILLED WATER		VOLTS	HZ		PHASE								
1-1	6,300	1000	1.6	3.6	10.0	80.1	67.3	55.0	54.2	254,600	179,900	45	55	51	10'	2" THROWAWAY 30X EFF.	180	180	24	7.0	240,000	550	2000	350	1ST FLOOR DORMITORY	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
2-1	6,300	1000	1.6	3.6	10.0	80.1	67.3	55.0	54.2	254,600	179,900	45	55	51	10'	2" THROWAWAY 30X EFF.	180	180	24	7.0	240,000	550	2000	350	2ND FLOOR DORMITORY	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU
3-1	6,300	1000	1.6	3.6	10.0	80.1	67.3	55.0	54.2	254,600	179,900	45	55	51	10'	2" THROWAWAY 30X EFF.	180	180	24	7.0	240,000	550	2000	350	3RD FLOOR DORMITORY	480	60	3	CONSTANT VOLUME HORIZONTAL DRAW-THRU

(*) PROVIDE DUAL COOLING COILS AS REQUIRED BY SPECIFIC EQUIPMENT MANUFACTURER. SINGLE COIL IS ANTICIPATED BUT DUAL COILS EXPECTED.

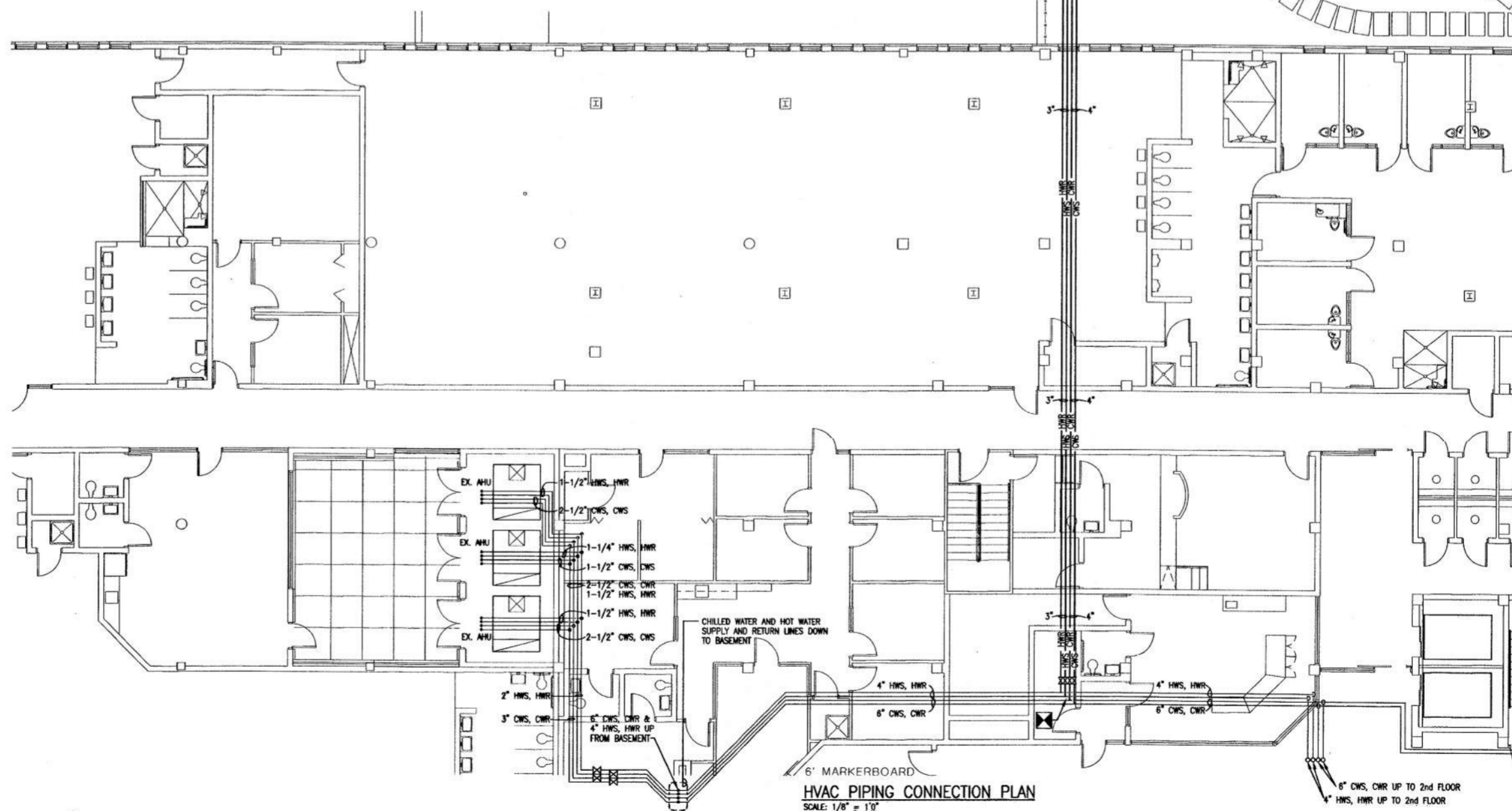
FAN SCHEDULE																	
MARK #	CFM TOTAL	TSP IN WC	MAX RPM	TYPE DRIVE	TYPE FAN	CONTROL WITH	MOTOR HP/AMPS	MAX SONES	ELECTRICAL DATA			FAN SERVICE	REMARKS				
									VOLTS	HZ	PHASE						
EF#1	350	.375	1350	DIRECT	CEILING MOUNTED	AHU#2-1	1.75 A	3.5	120	60	1	TOILETS					
EF#2	375	.375	1350	DIRECT	CEILING MOUNTED	AHU#2-1	1.75 A	3.5	120	60	1	TOILETS					
EF#3	75	.375	950	DIRECT	CEILING MOUNTED	AHU#2-1	1.14 A	3.0	120	60	1	JANITOR'S CLOSET					
EF#4	2000	.375	1750	DIRECT	IN-LINE	MANUAL SWITCH SEE ELECTRICAL	3/4 HP	17.0	480	60	3	DAYROOM 2nd FLOOR					
EF#5	350	.375	1350	DIRECT	CEILING MOUNTED	AHU#3-1	1.75 A	3.5	120	60	1	TOILETS					
EF#6	375	.375	1350	DIRECT	CEILING MOUNTED	AHU#3-1	1.75 A	3.5	120	60	1	TOILETS					
EF#7	75	.375	950	DIRECT	CEILING MOUNTED	AHU#3-1	1.14 A	3.0	120	60	1	JANITOR'S CLOSET					
EF#8	2000	.375	1750	DIRECT	IN-LINE	MANUAL SWITCH SEE ELECTRICAL	3/4 HP	17.0	480	60	3	DAYROOM 3rd FLOOR					
EF#9	350	.375	1350	DIRECT	CEILING MOUNTED	AHU#4-1	1.75 A	3.5	120	60	1	TOILETS					
EF#10	375	.375	1350	DIRECT	CEILING MOUNTED	AHU#4-1	1.75 A	3.5	120	60	1	TOILETS					
EF#11	75	.375	950	DIRECT	CEILING MOUNTED	AHU#4-1	1.14 A	3.0	120	60	1	JANITOR'S CLOSET					
EF#12	2000	.375	1750	DIRECT	IN-LINE	MANUAL SWITCH SEE ELECTRICAL	3/4 HP	17.0	480	60	3	DAYROOM 4th FLOOR					



MECHANICAL ROOM SECTION
SCALE: 1/4" = 1'-0"



ENLARGED MECHANICAL ROOM PIPING PLAN
SCALE: 1/4" = 1'-0"



HVAC PIPING CONNECTION PLAN
SCALE: 1/8" = 1'-0"



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project: insert housing addition
central booking and detention facility
escambia county, florida

sheet title: insert housing unit
piping plans

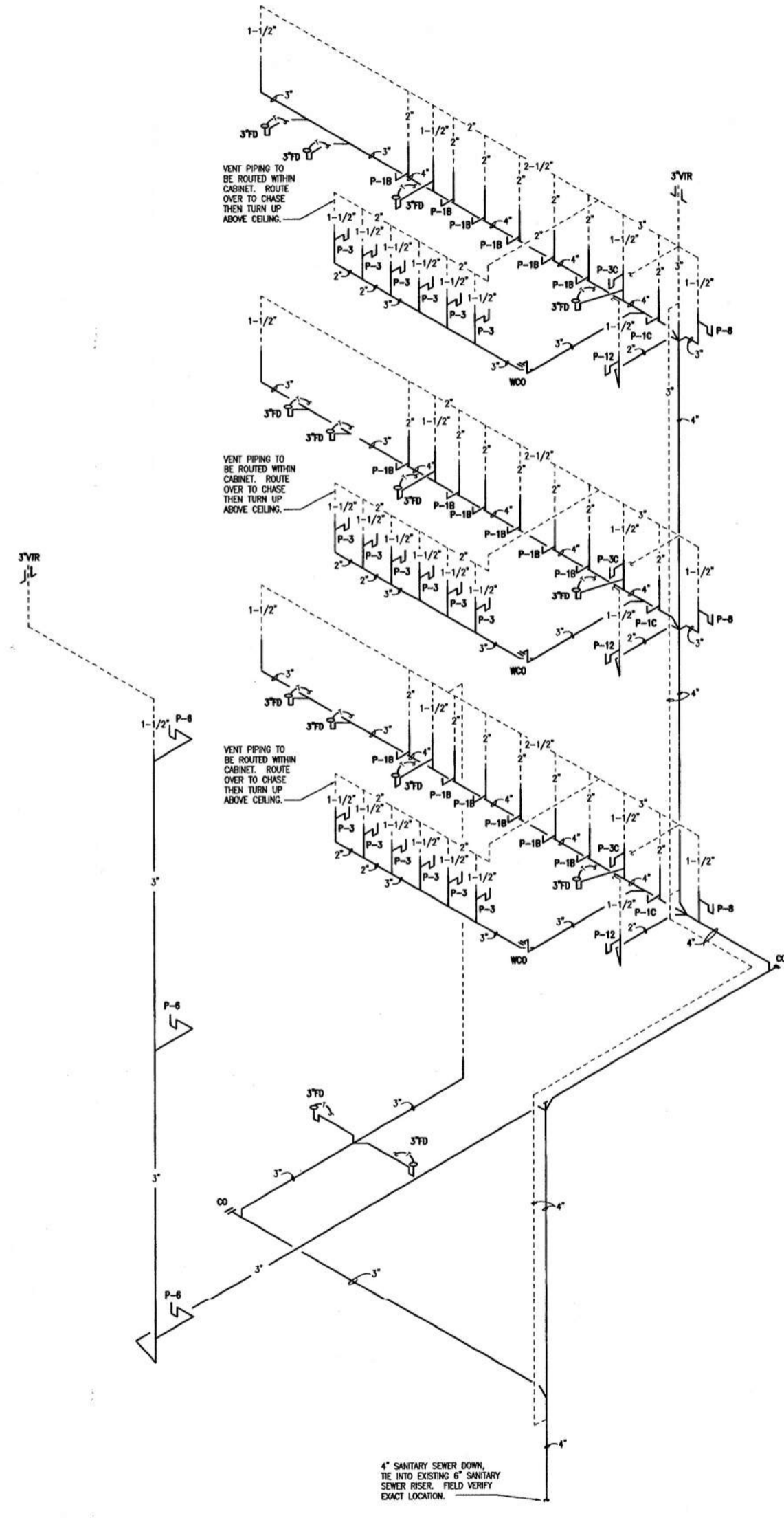
sheet no.:

revisions:

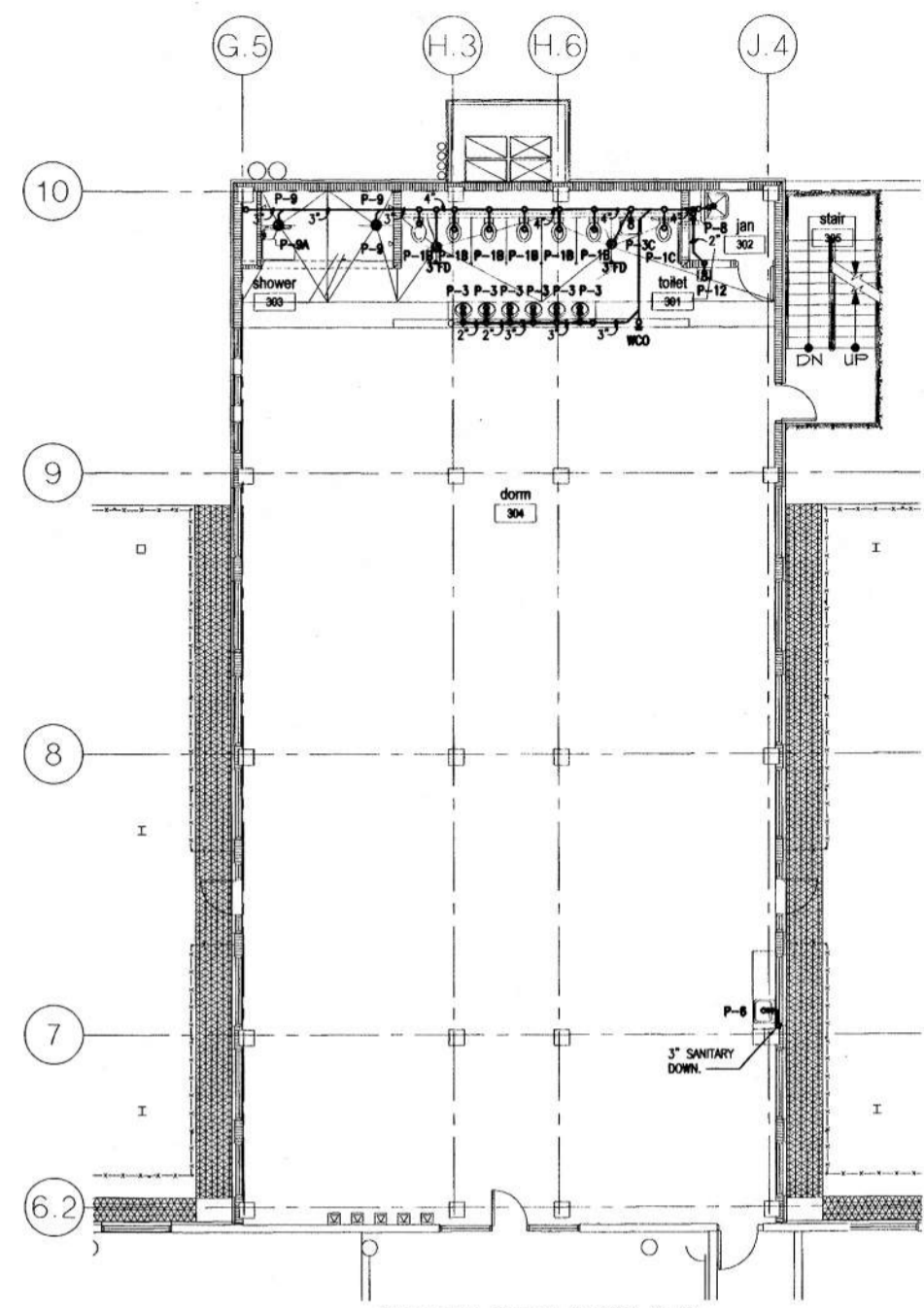
scale: 1/8" = 1'-0"
drawn: gjm
check: hmy
date: 06/09/99
project no. 9705-3

M2.0

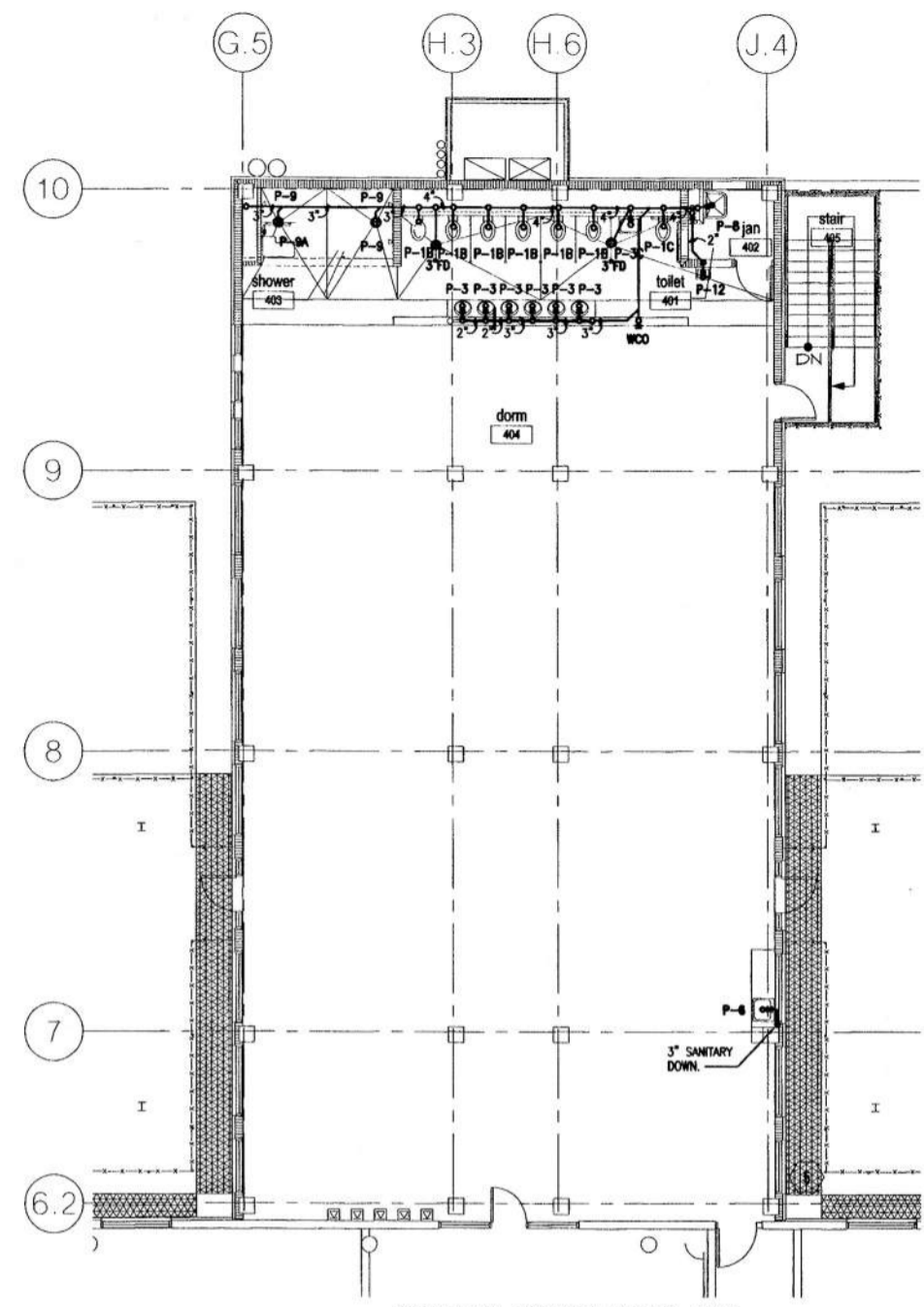
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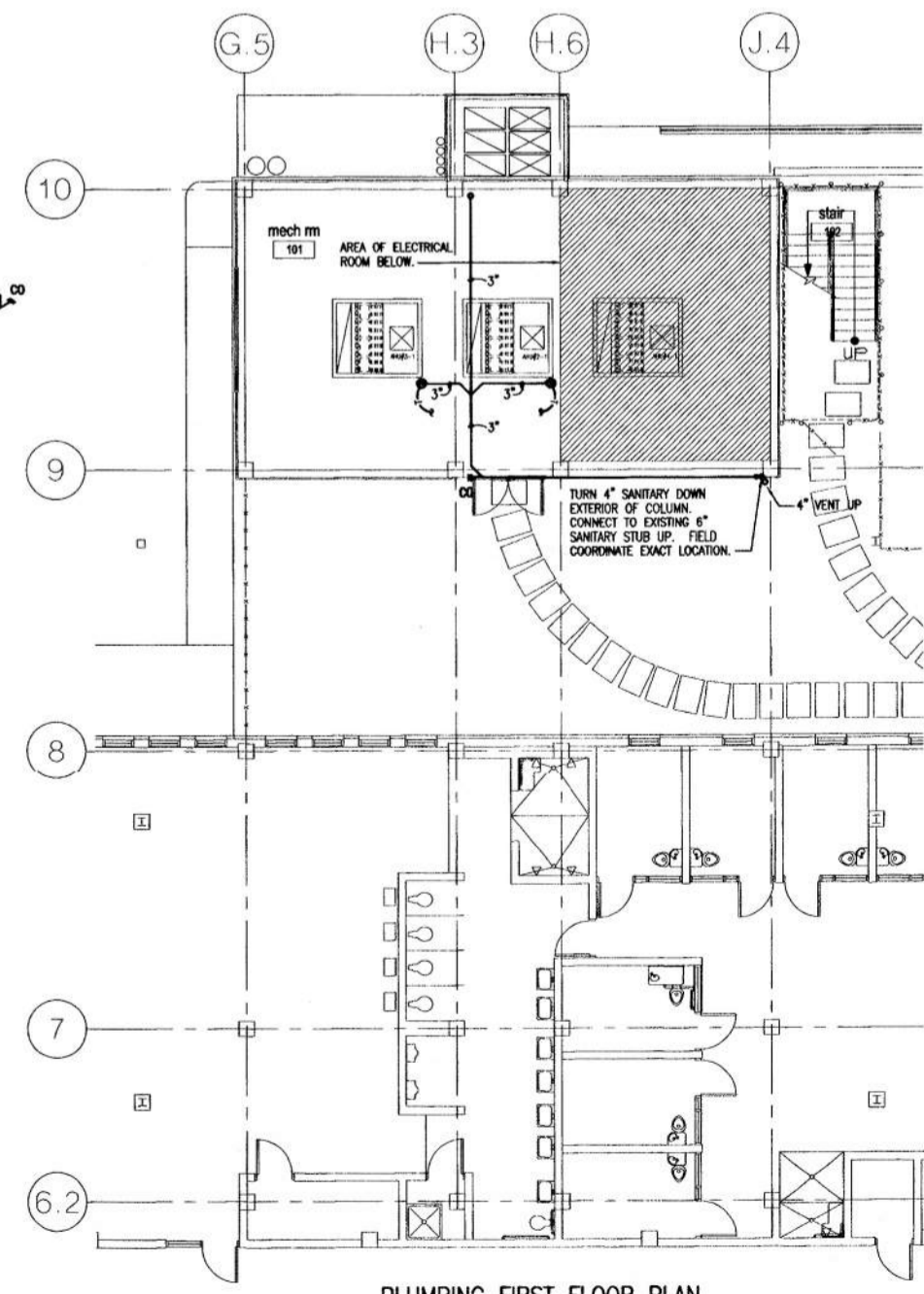
PLUMBING RISER DIAGRAMS
NOT TO SCALE



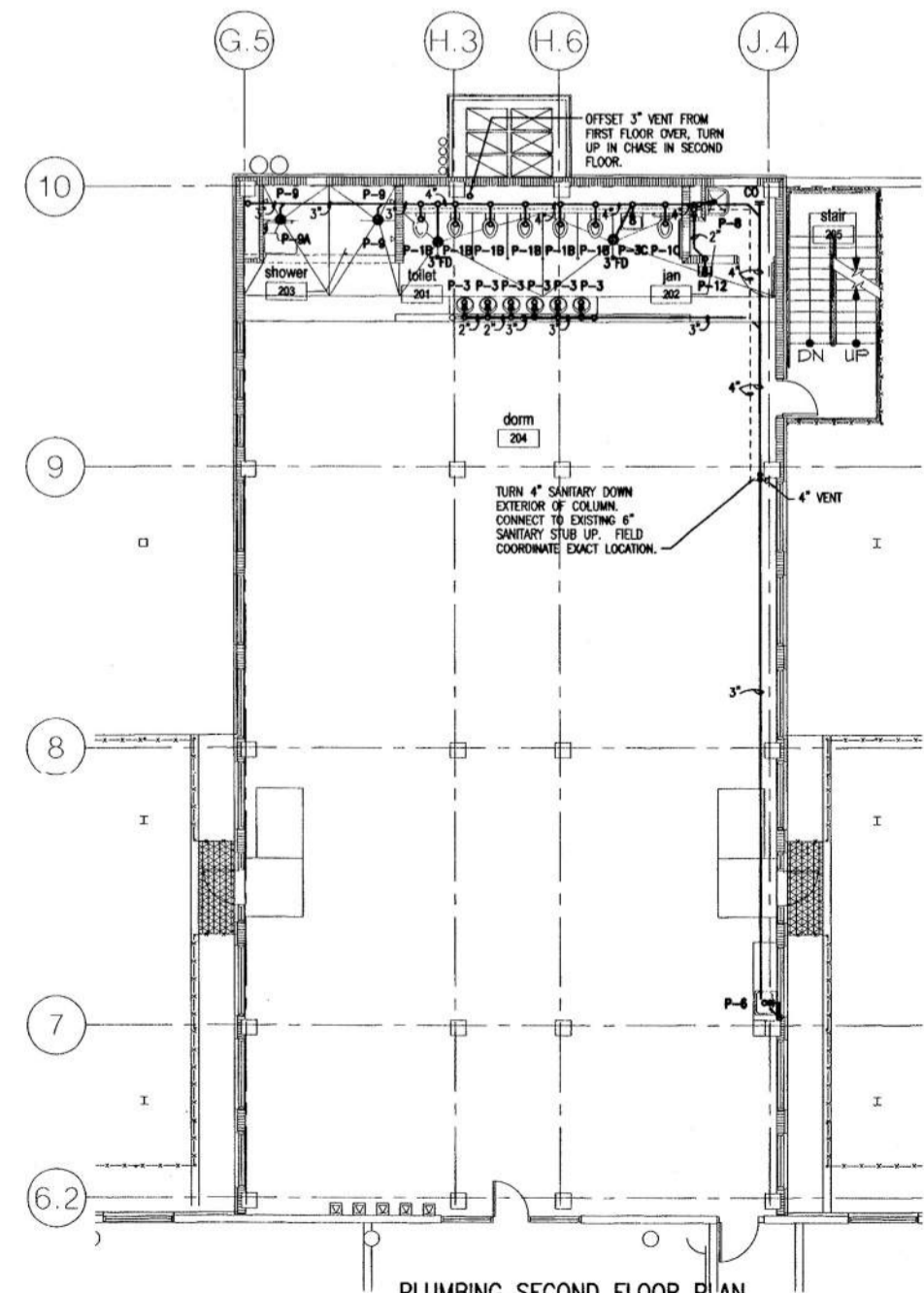
PLUMBING THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0"



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



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



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



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project:
insert housing addition
central booking and detention facility
escambia county, florida

sheet title:
insert housing unit
plumbing floor plans

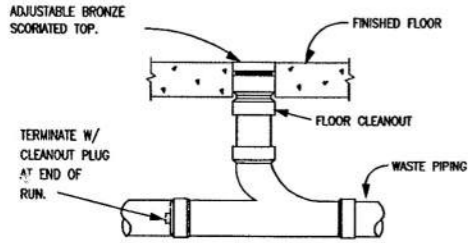
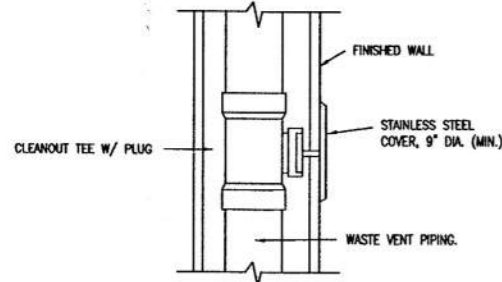
revisions:

scale: 1/8" = 1'-0"
drawn: kkm
check: hmy
date: 06/09/99
project no. 9705-3

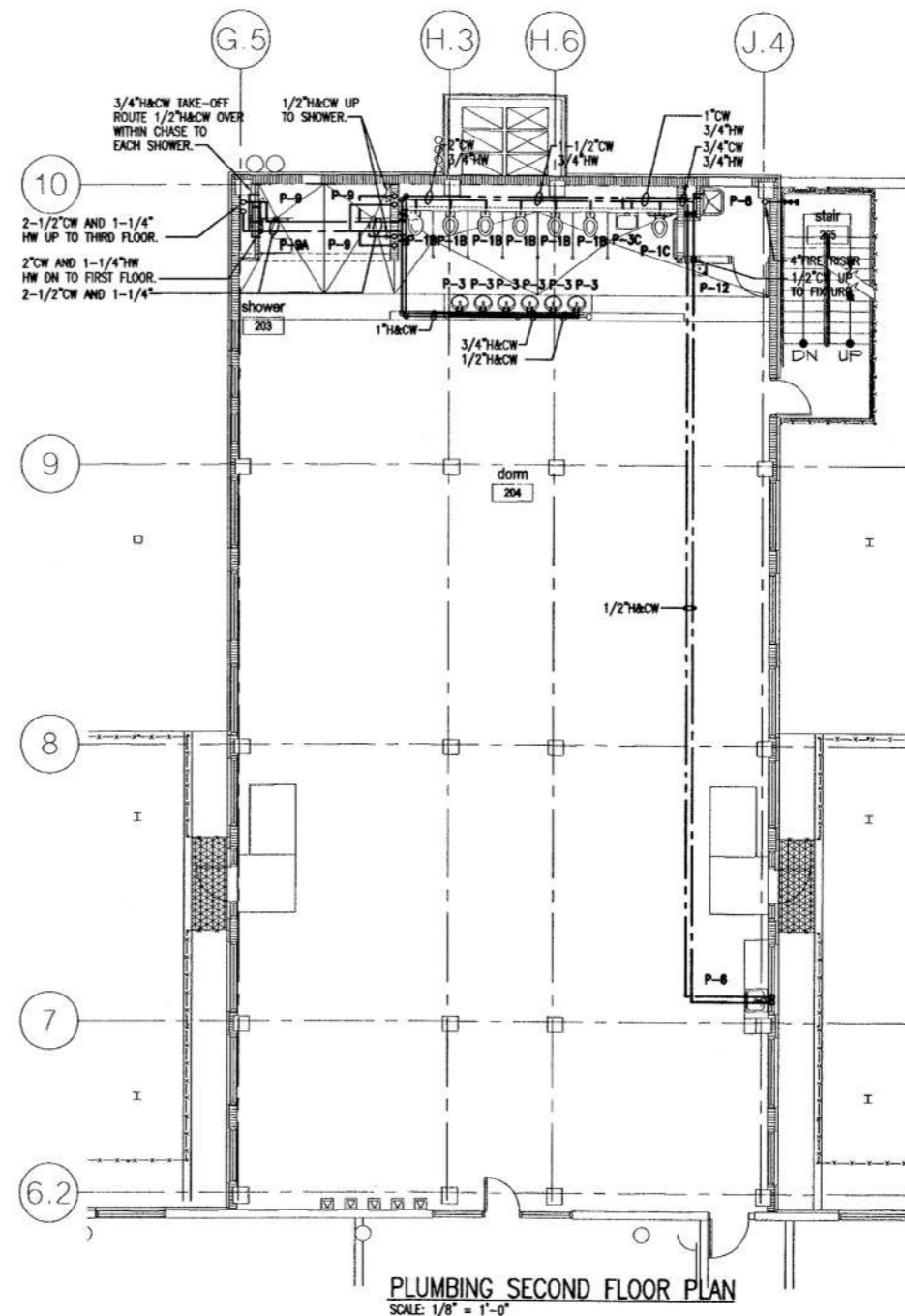
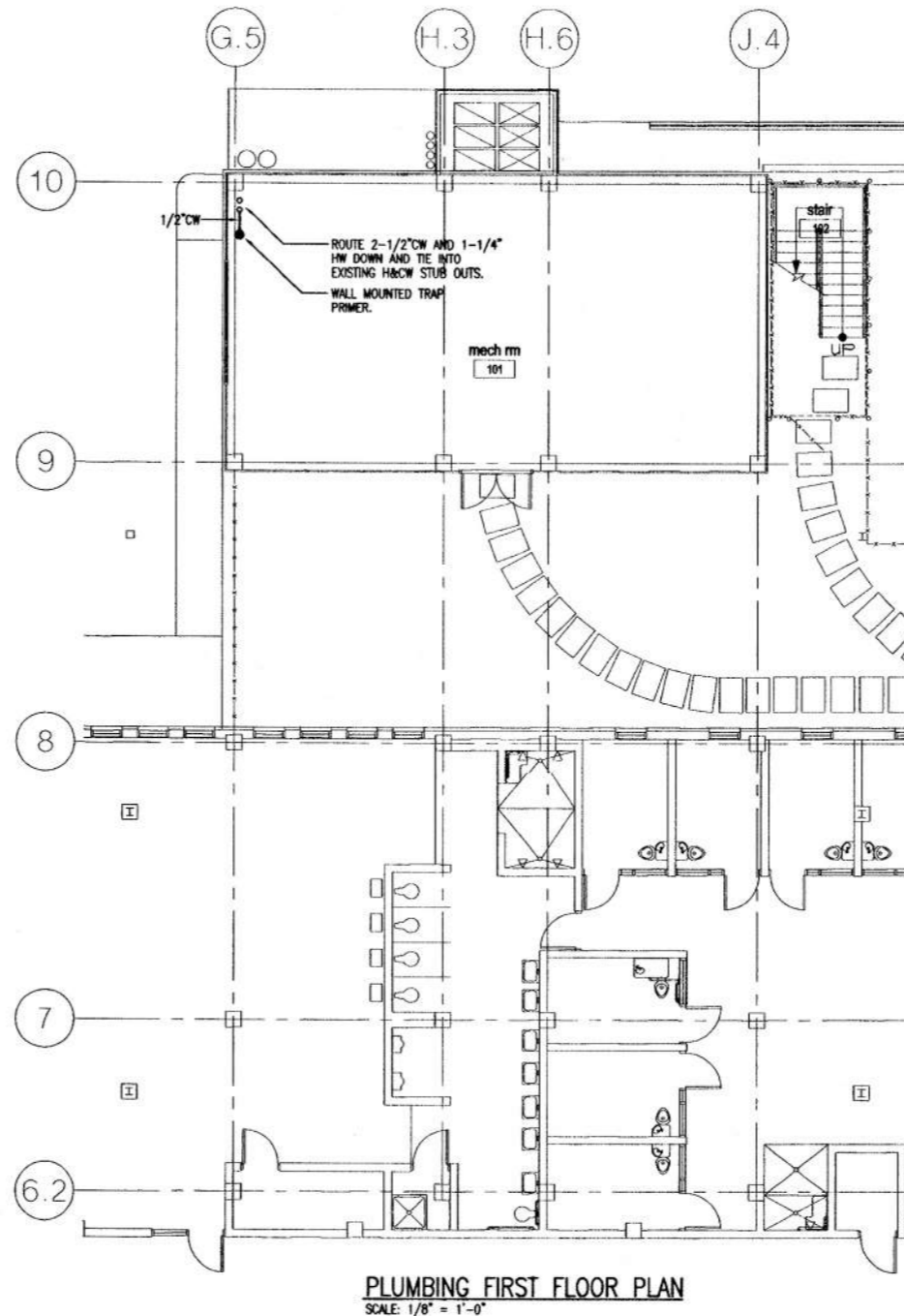
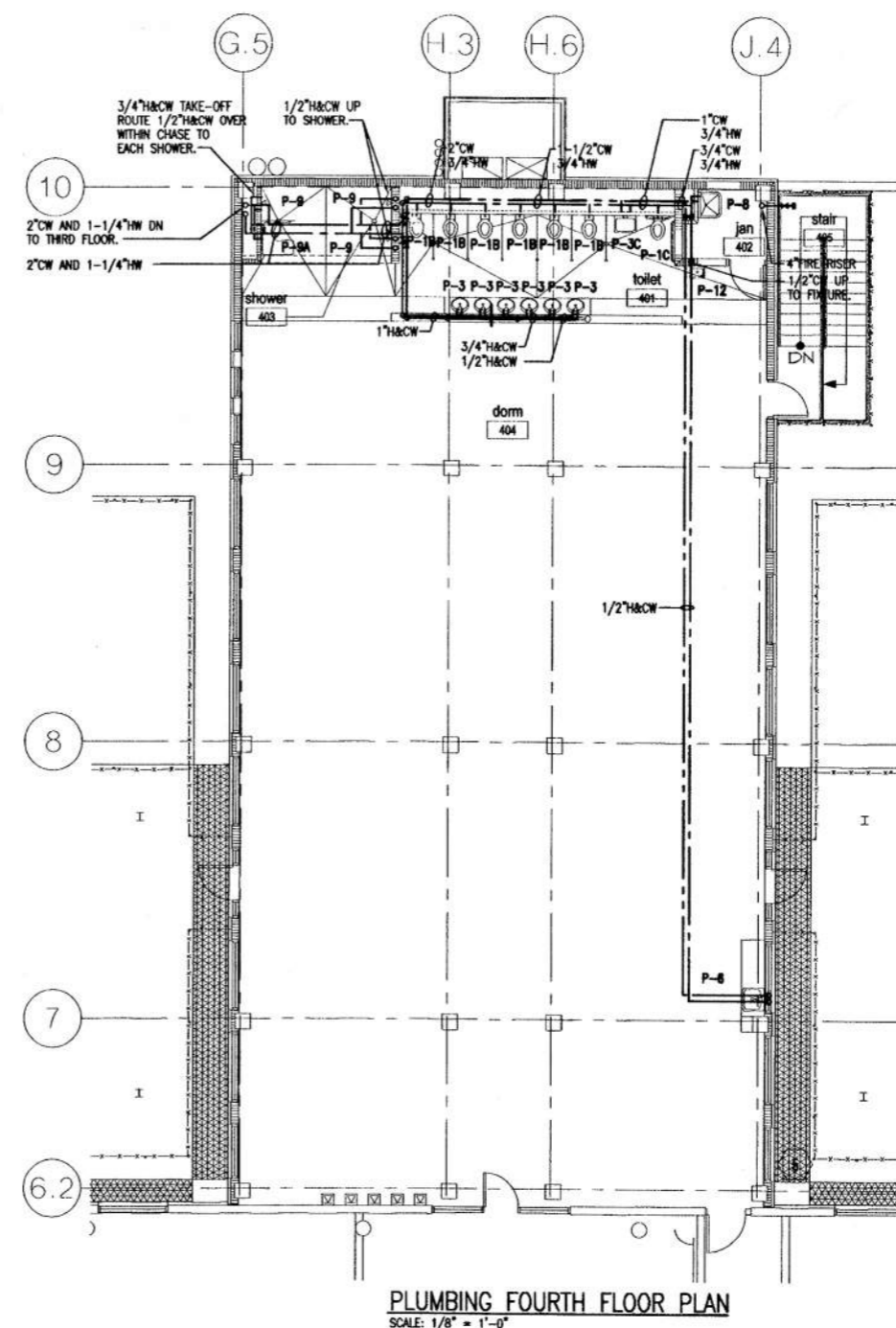
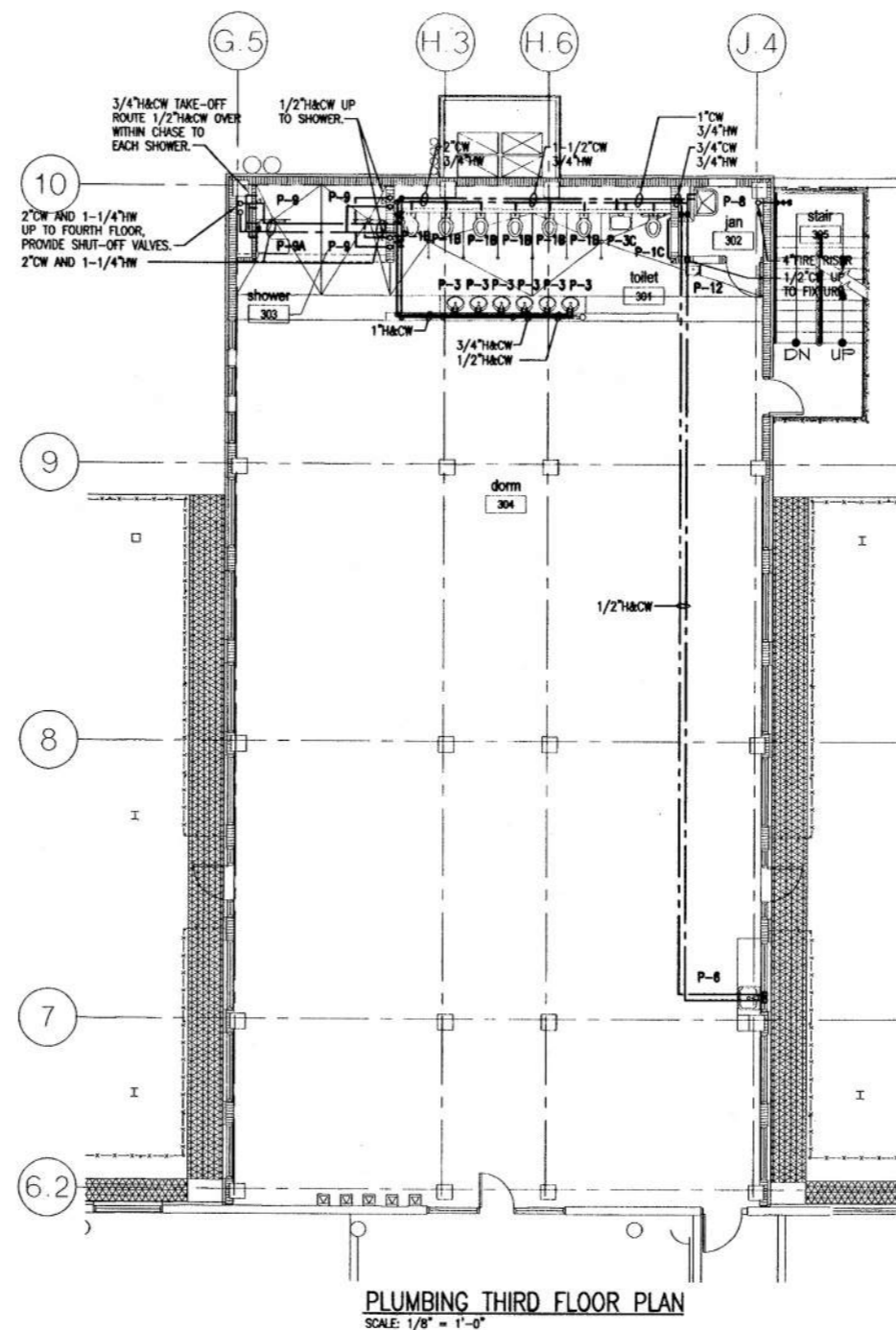
P1.0

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FIXT. MARK	TYPE FIXTURE	CONNECTIONS			REMARKS
		WASTE	CW	HW	
P-1B	WATER CLOSET	4"	1"	---	FLOOR MOUNTED, BACK OUTLET, CONCEALED FLUSH VALVE, STANDARD HEIGHT ELONGATED BOWL WITH OPEN FRONT SEAT
P-1C	HANDICAP WATER CLOSET	4"	1"	---	WALL MOUNTED, BACK OUTLET, CONCEALED FLUSH VALVE, 17" HIGH (HANDICAP) ELONGATED BOWL WITH OPEN FRONT SEAT PROVIDE FLOOR MOUNTED CARRIER FOR SUPPORT.
P-3	LAVATORY	1 1/4"	1/2"	1/2"	VANITY TYPE, VITREOUS CHINA OVAL WITH SINGLE LEVER CENTER-SET FAUCET
P-3C	HANDICAP LAVATORY	1 1/4"	1/2"	1/2"	20"x18" WALL MOUNTED, VITREOUS CHINA, WITH WALL SUPPORT AND A.D.A. CENTERSET FAUCET FOR HANDICAP USE
P-6	SINK	1 1/2"	1/2"	1/2"	COUNTER MOUNTED STAINLESS STEEL WITH SINGLE LEVER FAUCET
P-8	SERVICE SINK	3"	1/2"	1/2"	20"x24" WALL MOUNTED ENAMEL CAST IRON WITH TRAP STANDARD AND SERVICE FAUCET
P-9	SHOWER	2"	1/2"	1/2"	STAINLESS STEEL SECURITY TYPE SHOWER PANEL WITH SINGLE TEMPERING METERING, ADA COMPLIANT.
P-9A	HANDICAP SHOWER	2"	1/2"	1/2"	STAINLESS STEEL SECURITY TYPE SHOWER PANEL WITH SINGLE TEMPERING METERING, ADA COMPLIANT.
P-12	ELECTRIC WATER COOLER (HANDICAPPED)	1 1/2"	1/2"	---	WALL HUNG, ADA APPROVED, 1 1/2", 17 GA P-TRAP, FLEXIBLE SUPPLY W/ ANGLE STOP, FLOOR MOUNTED CARRIER W/ BEARING PLATE. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT



PLUMBING LEGEND	
	COLD WATER PIPING
	HOT WATER PIPING
	WASTE PIPING
	VENT PIPING
	TRAP PRIMER PIPING
	GATE VALVE
	P-TRAP
	VENT THRU ROOF
	FLOOR DRAIN
	WALL CLEANOUT
	EXTERIOR CLEANOUT
	VENT THRU ROOF
	FLOOR CLEANOUT
	ABOVE FINISHED FLOOR
	WATER HEATER
	FREEZE PROOF HOSE BIB

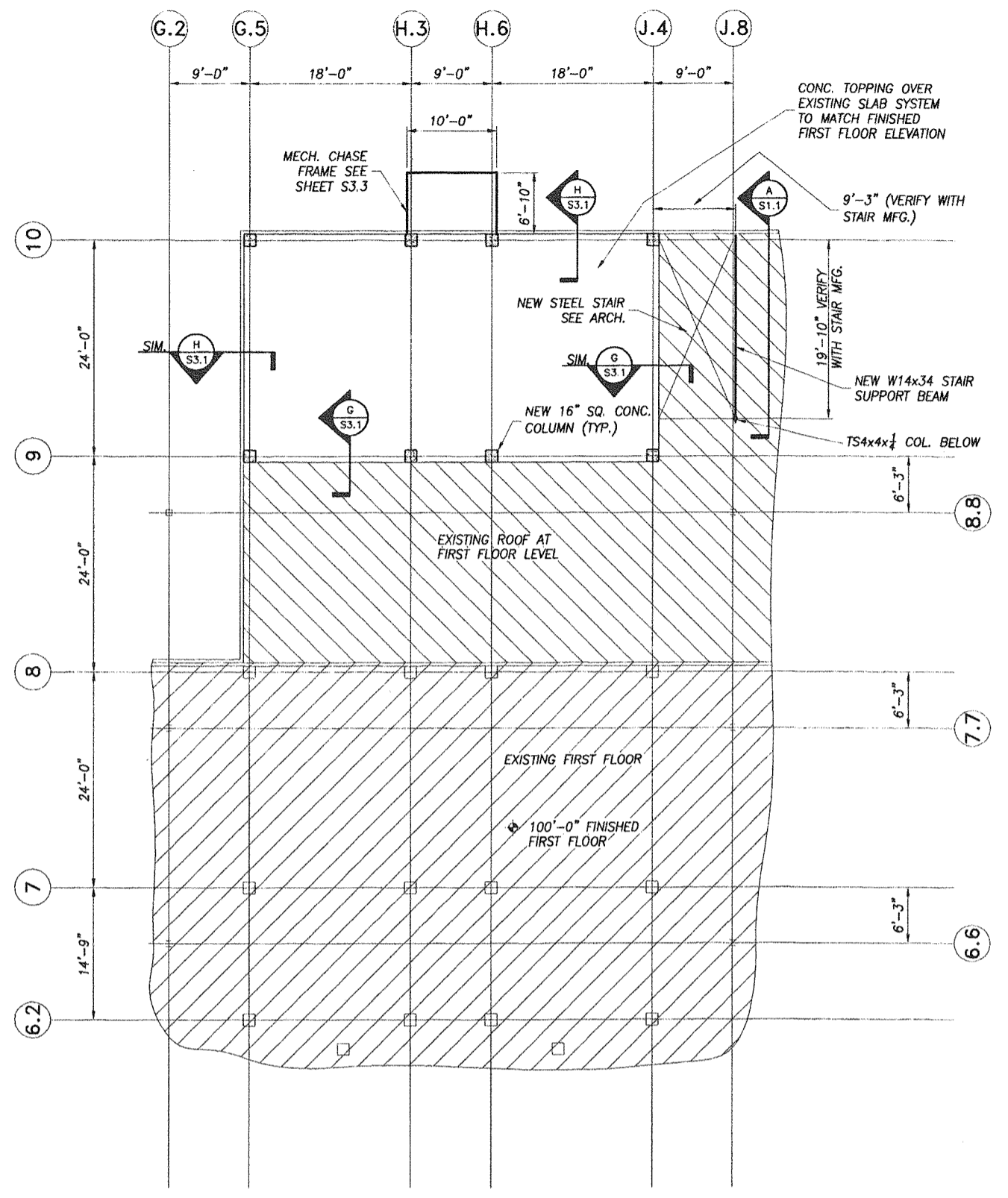


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 sheet title: **insert housing unit plumbing floor plans**
 revisions:
 scale: 1/8" = 1'-0"
 drawn: kkm
 check: hmy
 date: 06/09/99
 project no. 9705-3

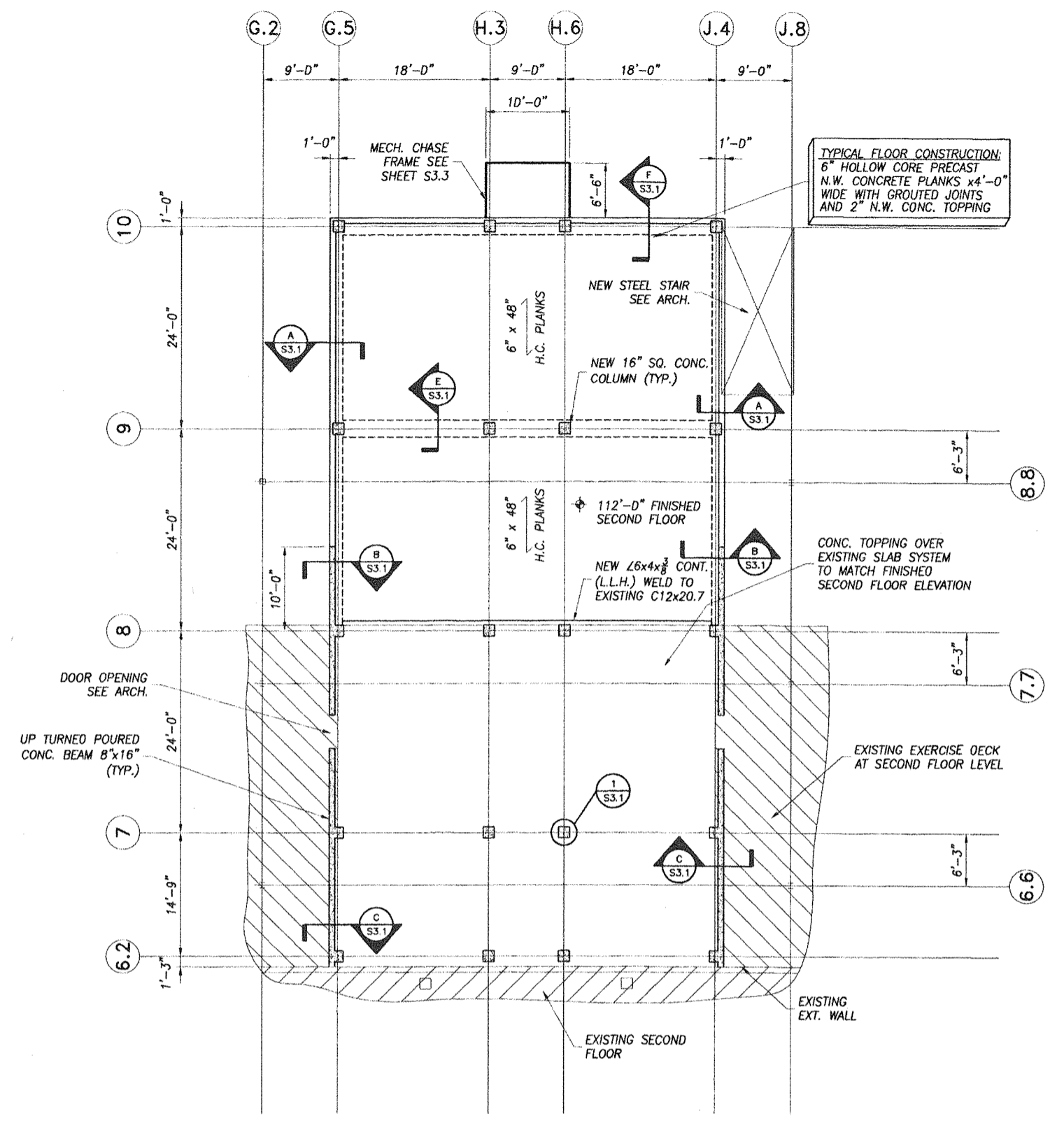
project:
 insert housing addition
 central booking and detention facility
 escambia county, florida

P2.0

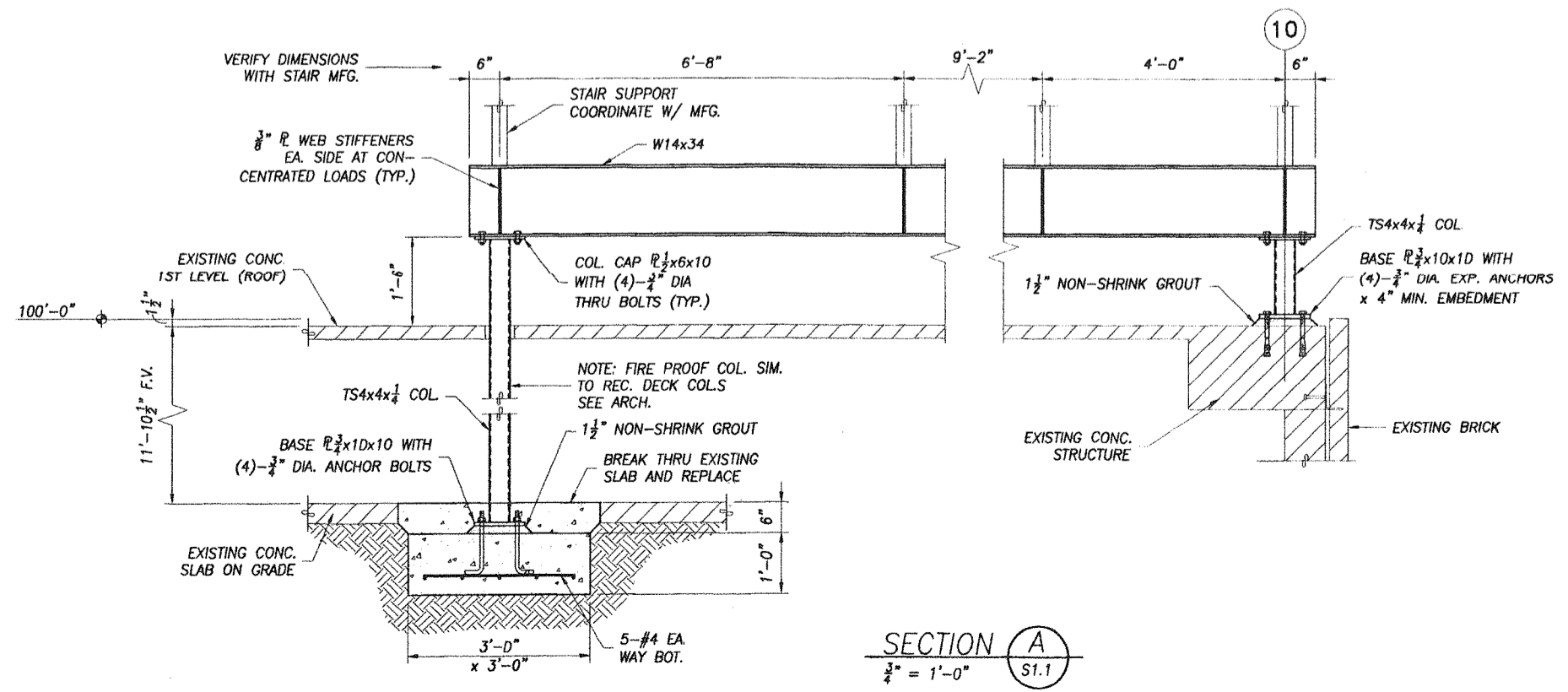
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FIRST FLOOR FRAMING PLAN
 $\frac{1}{8}'' = 1'-0''$



SECOND FLOOR FRAMING PLAN
 $\frac{1}{8}'' = 1'-0''$



SECTION A
 ST.1
 $\frac{1}{4}'' = 1'-0''$

- GENERAL NOTES:**
- MATERIALS TO CONFORM TO THE FOLLOWING:
 CONCRETE 3000 PSI AT 28 DAYS
 PRECAST CONCRETE 5000 PSI AT 28 DAYS
 REINFORCING BARS ASTM A615 - GRADE 60
 STRUCTURAL STEEL ASTM A36
 STEEL TUBE ASTM A500, GRADE B
 WELDED WIRE FABRIC ASTM A185
 CONCRETE BLOCK ASTM C90 ($f'_m = 1500$) PSI
 4" METAL STUDS 18 GA., $l = .892$ in⁴, $S = .446$ in³
 - ELEVATIONS ARE REFERENCED + OR - FROM FINISHED FIRST FLOOR EQUAL TO 100'-0". (MATCH EXISTING FIRST FLOOR)
 - PROVIDE CORNER BARS FOR CONTINUOUS REINFORCING.
 - LEGEND:
 P.J.F. - PRE-MOLDED JOINT FILLER
 C.M.U. - CONCRETE MASONRY UNIT
 F.V. - FIELD VERIFY
 O.C. - ON CENTER

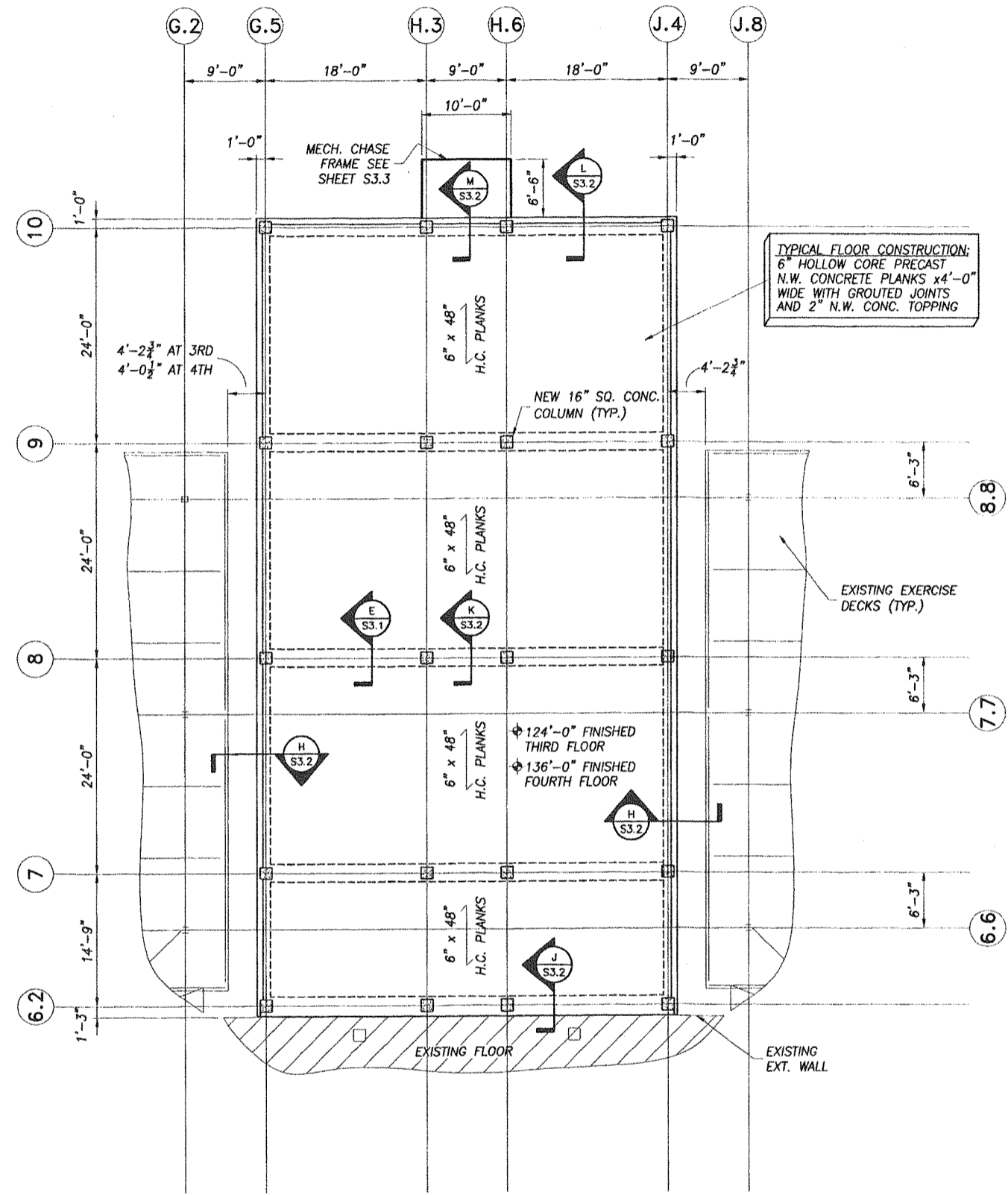


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 sheet title: **FIRST AND SECOND FLOOR FRAMING PLANS**
 project: **insert housing addition central booking and detention facility escambia county, florida**
 revisions:
 scale: $1/8'' = 1'-0''$
 drawn: SWL
 check: SFJ
 date: 07/12/99
 project no. 9705-3

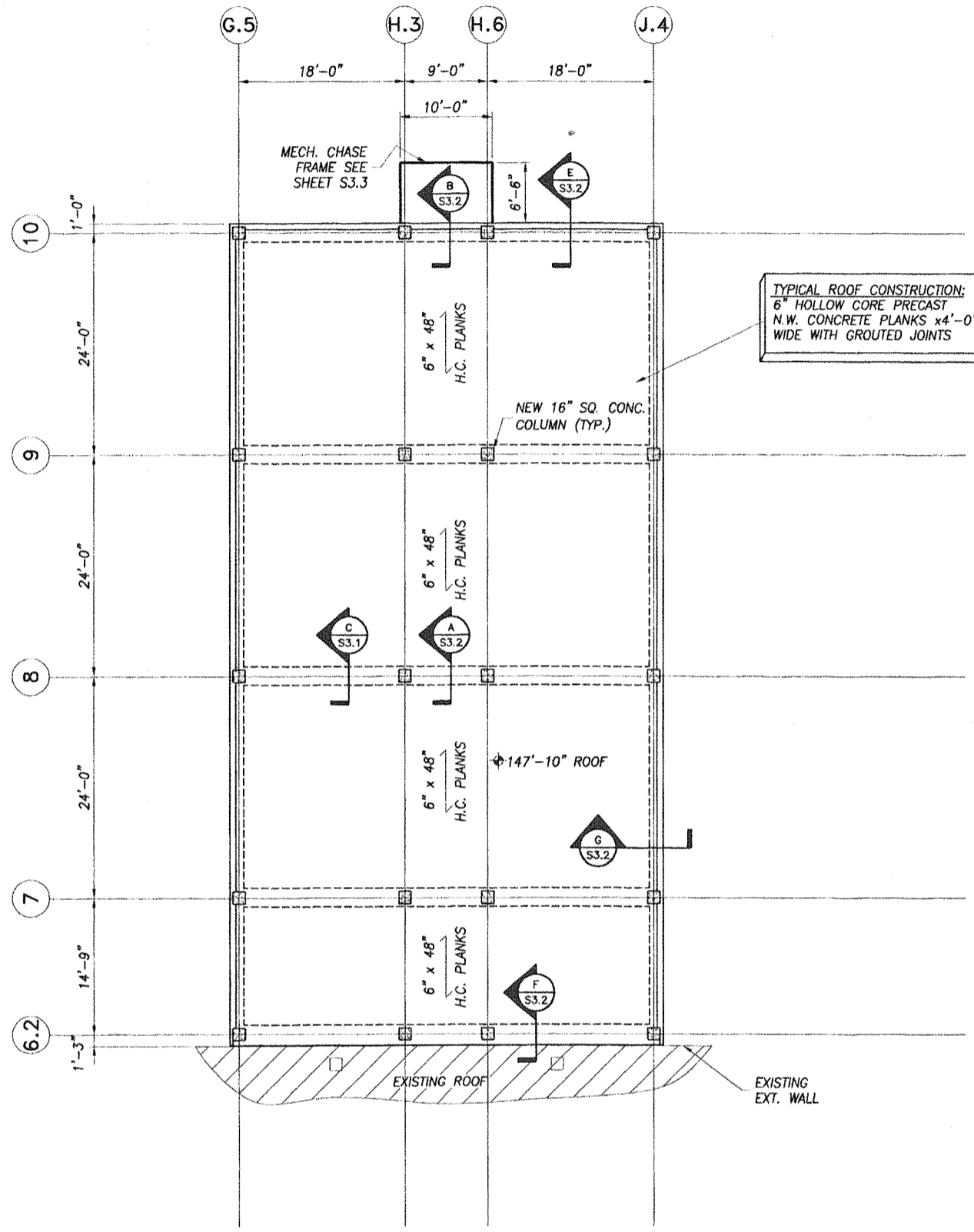


S1.1

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TYPICAL FLOOR FRAMING PLAN
 $\frac{1}{8}'' = 1'-0''$



ROOF FRAMING PLAN
 $\frac{1}{8}'' = 1'-0''$



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project:
 insert housing addition
 central booking and detention facility
 escambia county, florida

Sheet title:
 TYPICAL FLOOR AND
 ROOF FRAMING PLANS

revisions:

scale: 1/8" = 1'-0"
 drawn: SWL
 check: SFJ
 date: 07/12/99
 project no. 9705-3



S1.2

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project:
insert housing addition
central booking and detention facility
escambia county, florida

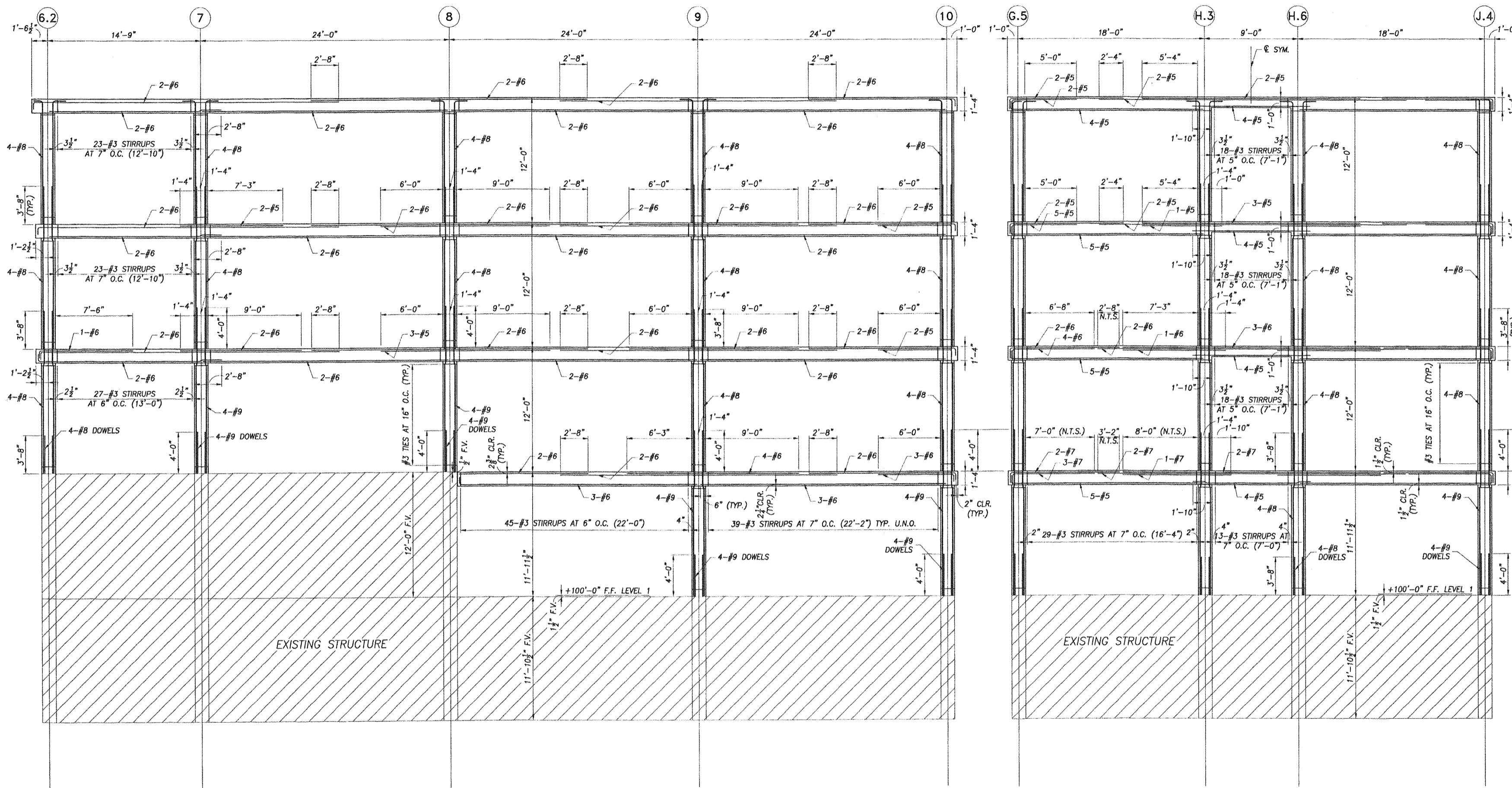
project:

Sheet title:
RIGID FRAME
ELEVATIONS

revisions:

scale: 1/4" = 1'-0"
drawn: SWL
check: SFJ
date: 07/12/99
project no. 9705-3

S2.1

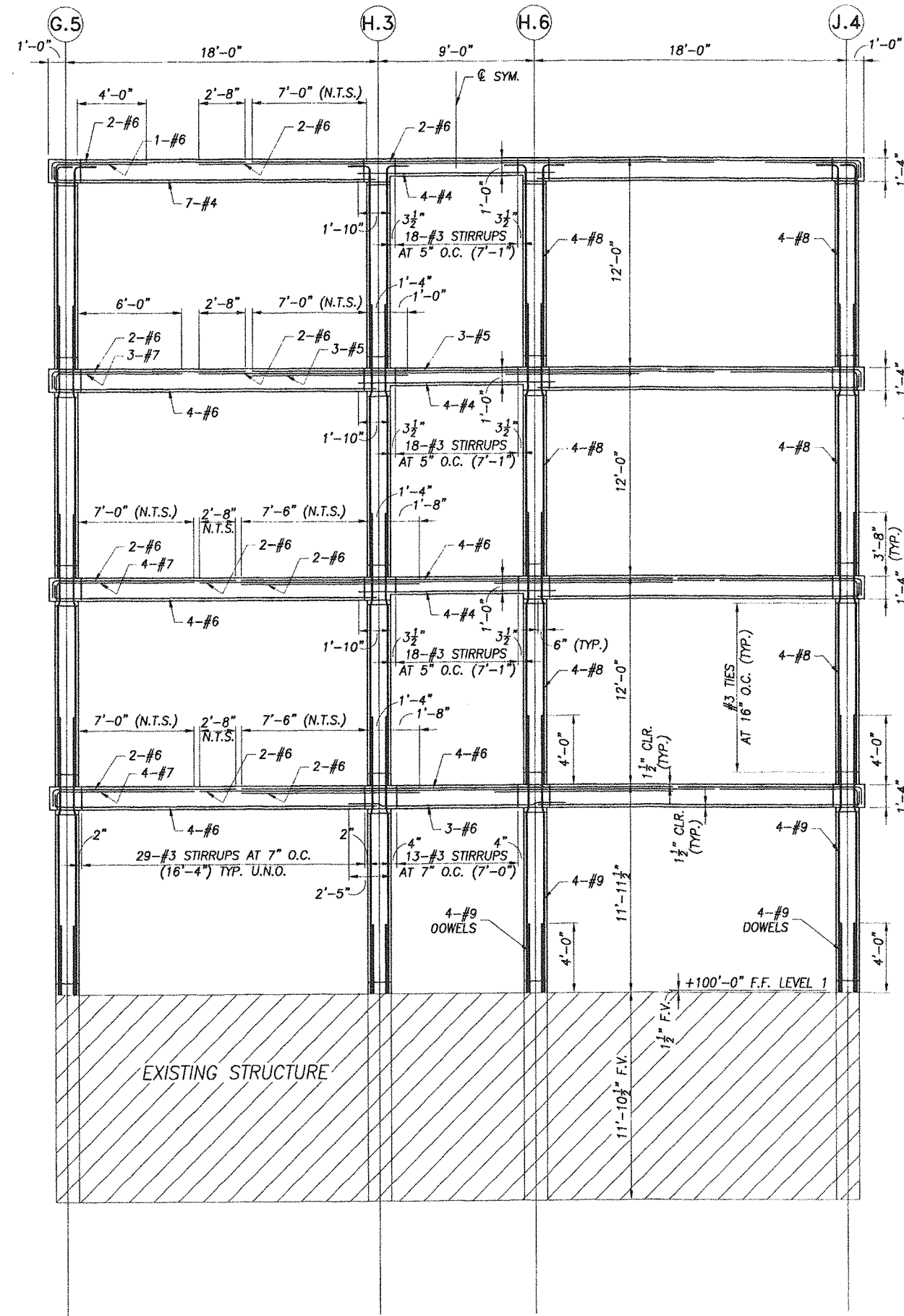


FRAME ELEVATION ON LINE J.4 (G.5 OPP.)
1/4" = 1'-0"

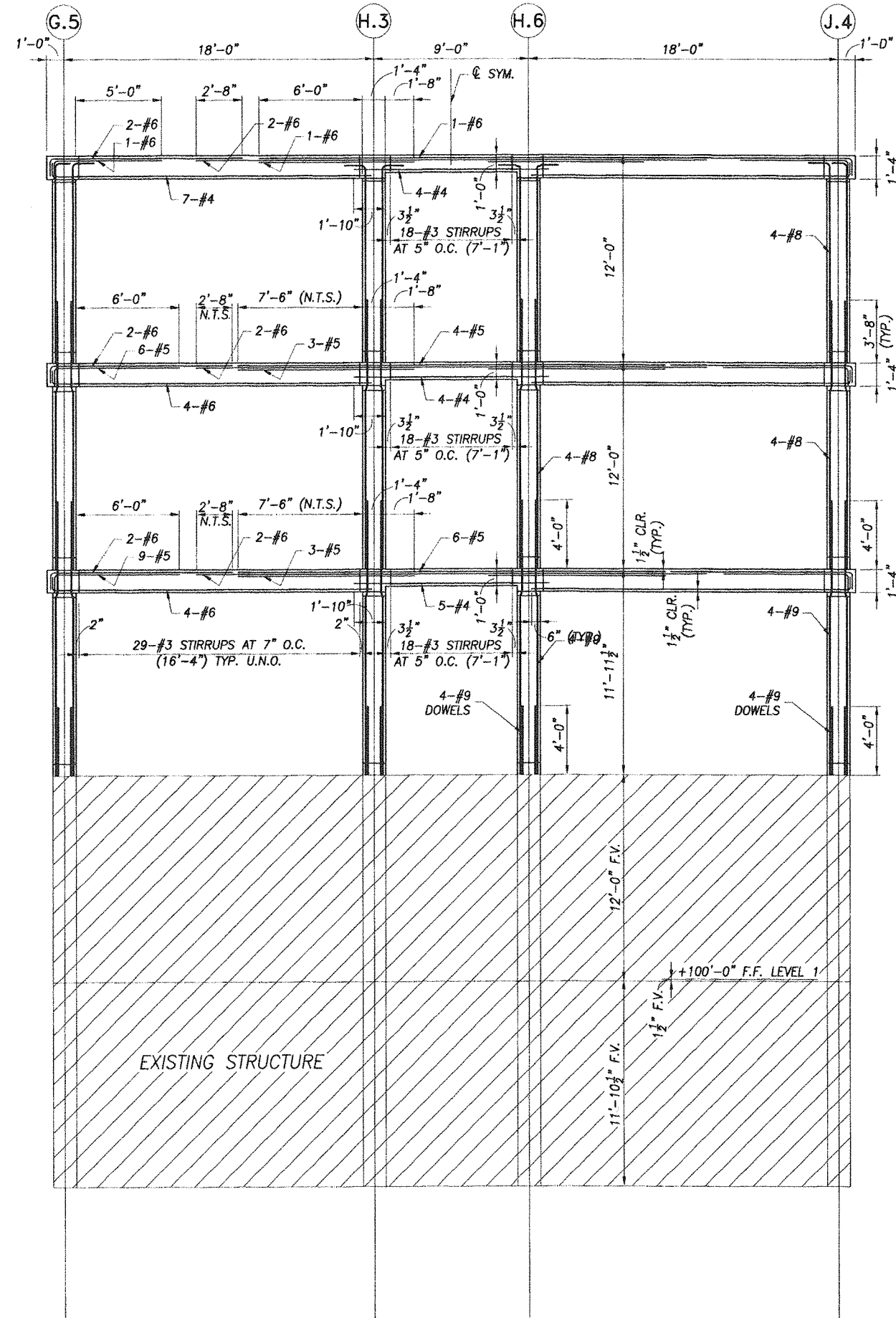
FRAME ELEVATION ON LINE 10
1/4" = 1'-0"



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FRAME ELEVATION ON LINE 9
 $\frac{1}{4}'' = 1'-0''$



FRAME ELEVATION ON LINE 8
 $\frac{1}{4}'' = 1'-0''$



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project:
 insert housing addition
 central booking and detention facility
 escambia county, florida

sheet title:
 RIGID FRAME
 ELEVATIONS

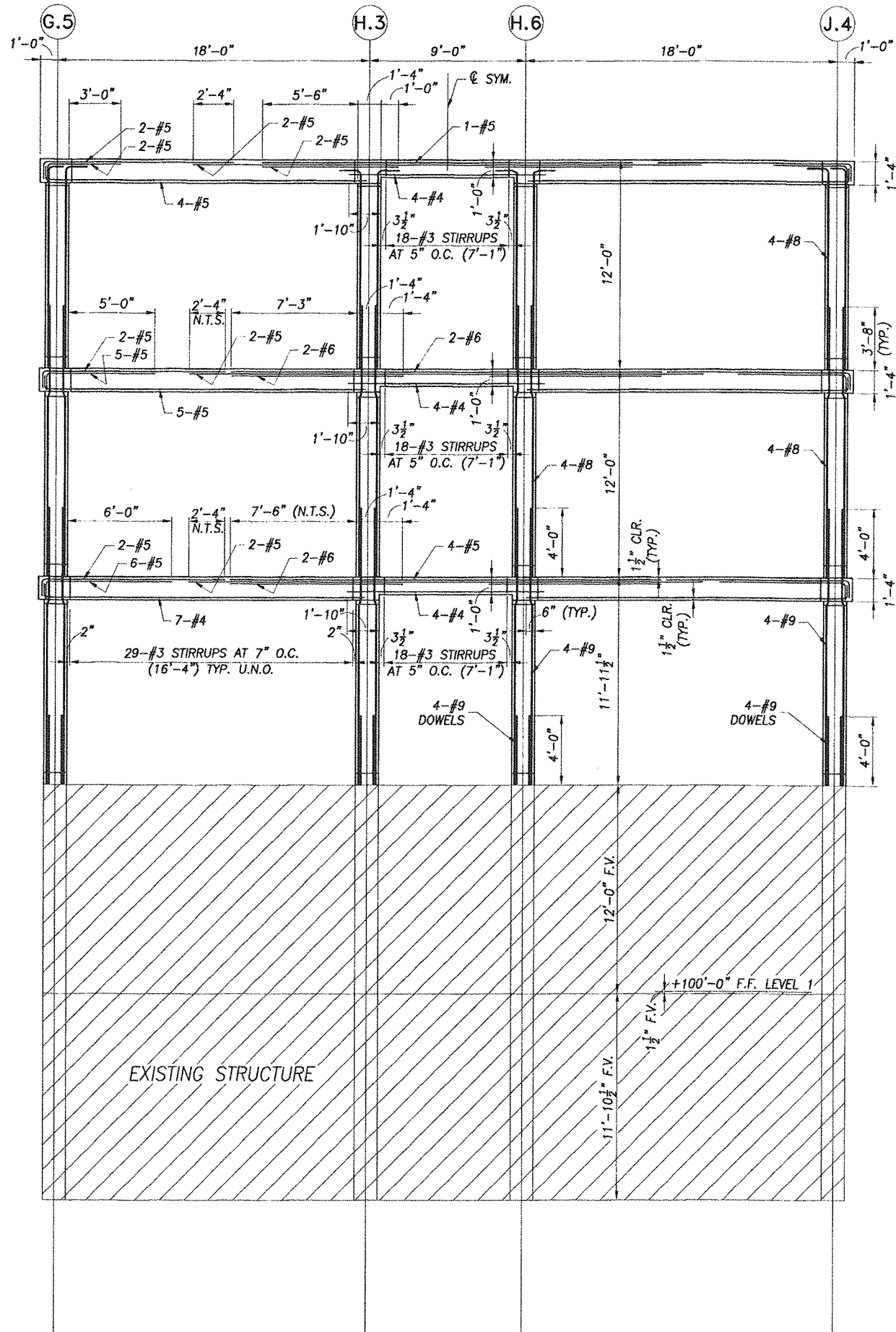
revisions:

scale: 1/4" = 1'-0"
 drawn: SWL
 check: SFJ
 date: 07/12/99
 project no. 9705-3

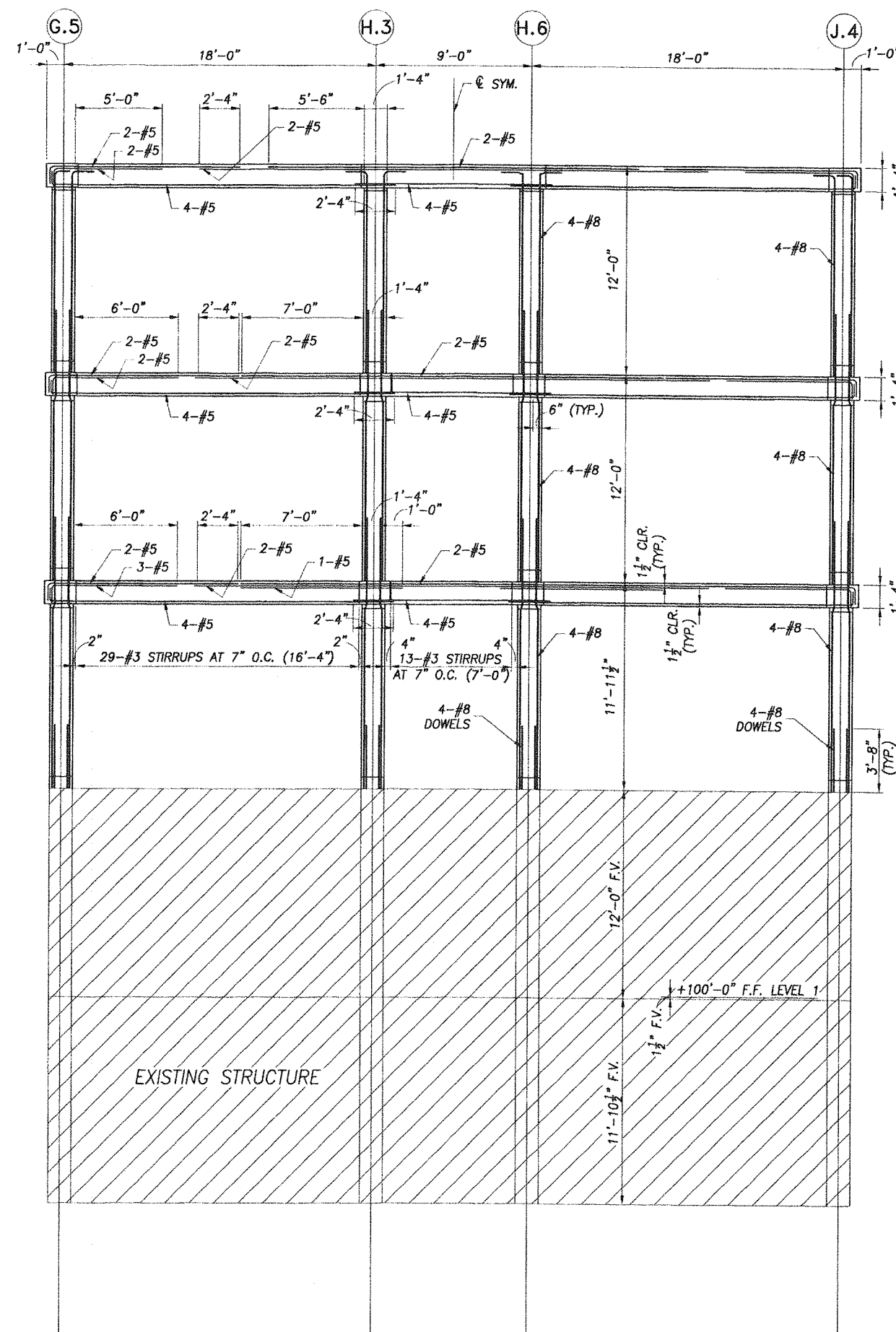


S2.2

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FRAME ELEVATION ON LINE 7
 $\frac{1}{4}'' = 1'-0''$



FRAME ELEVATION ON LINE 6.2
 $\frac{1}{4}'' = 1'-0''$

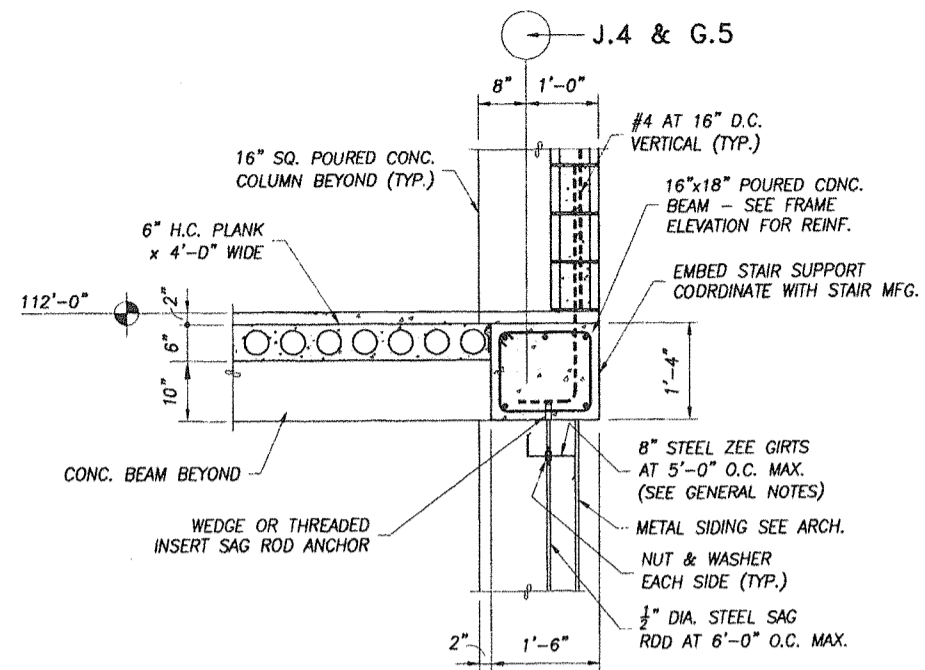


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 project: insert housing addition
 central booking and detention facility.
 escambia county, florida
 sheet title: RIGID FRAME
 ELEVATION
 revisions:
 scale: 1/4" = 1'-0"
 drawn: SWL
 check: SFJ
 date: 07/12/99
 project no. 9705-3

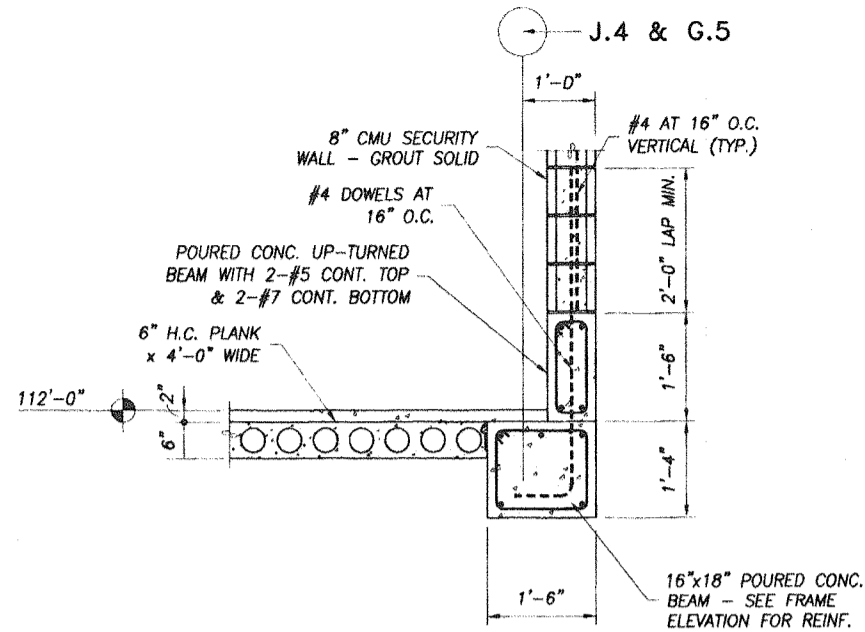


S2.3

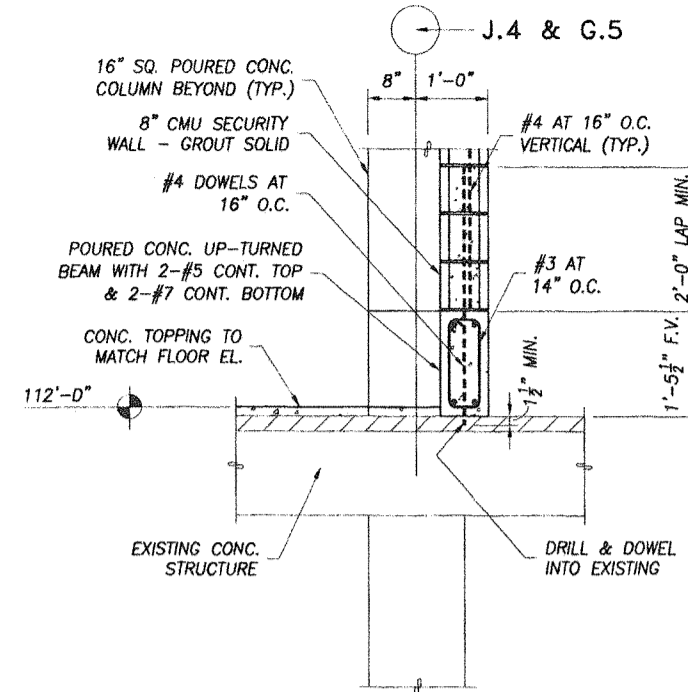
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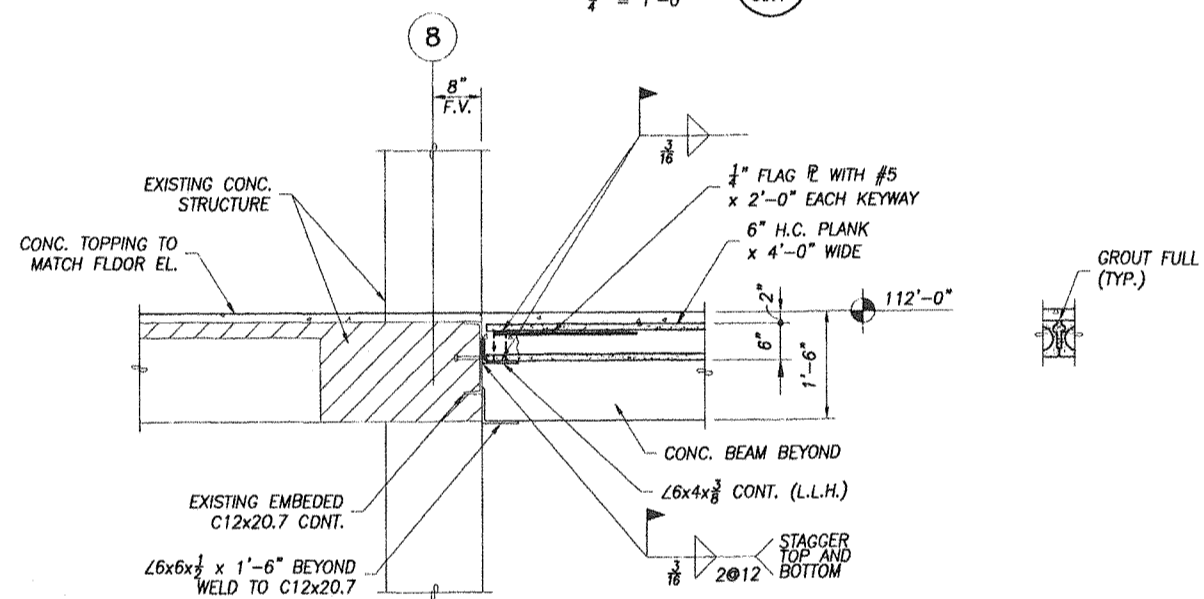
SECTION A
3/4" = 1'-0" S3.1



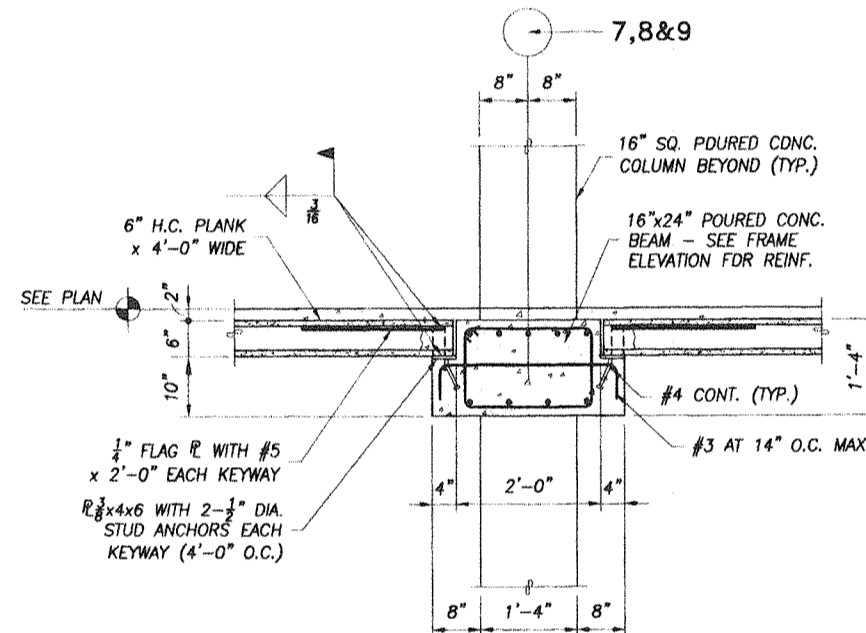
SECTION B
3/4" = 1'-0" S3.1



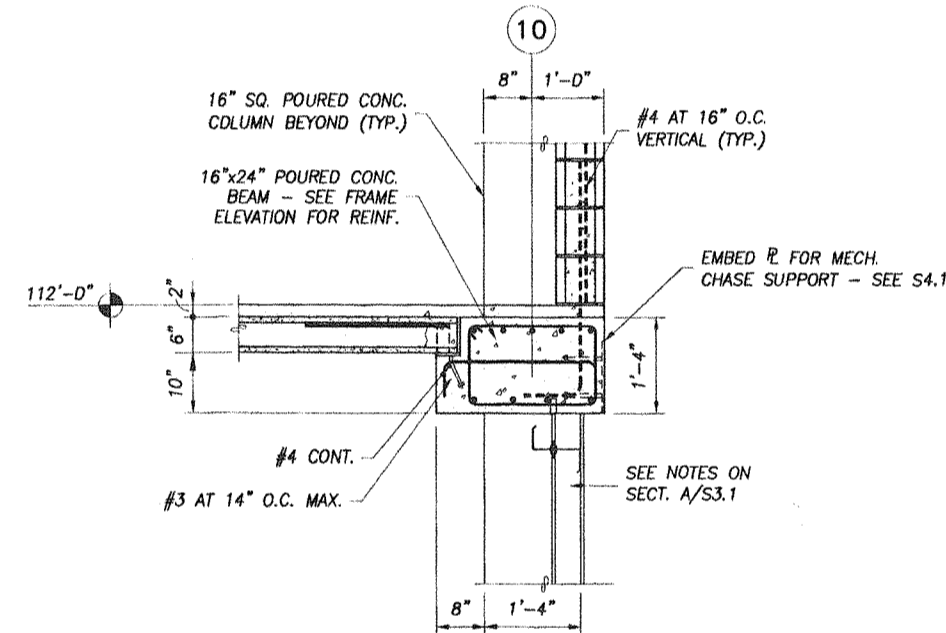
SECTION C
3/4" = 1'-0" S3.1



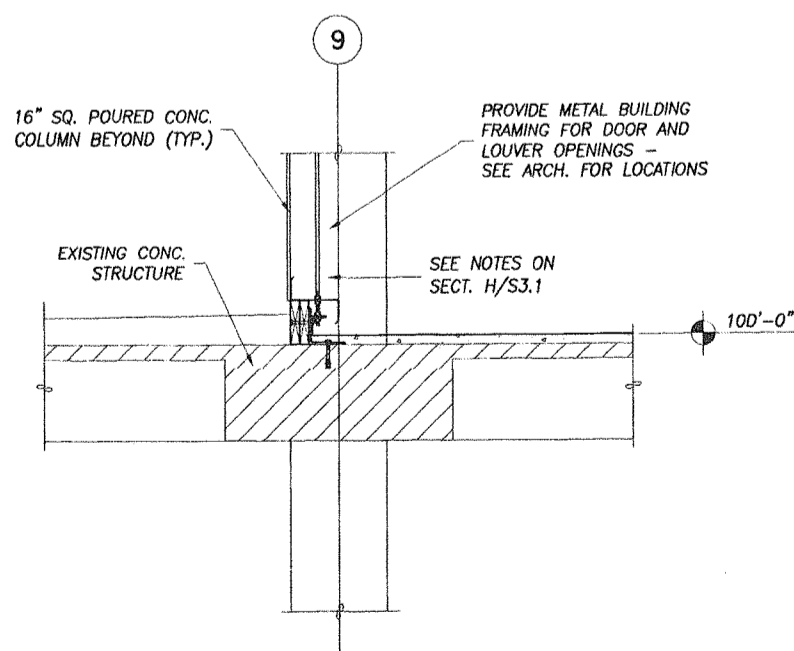
SECTION D
3/4" = 1'-0" S3.1



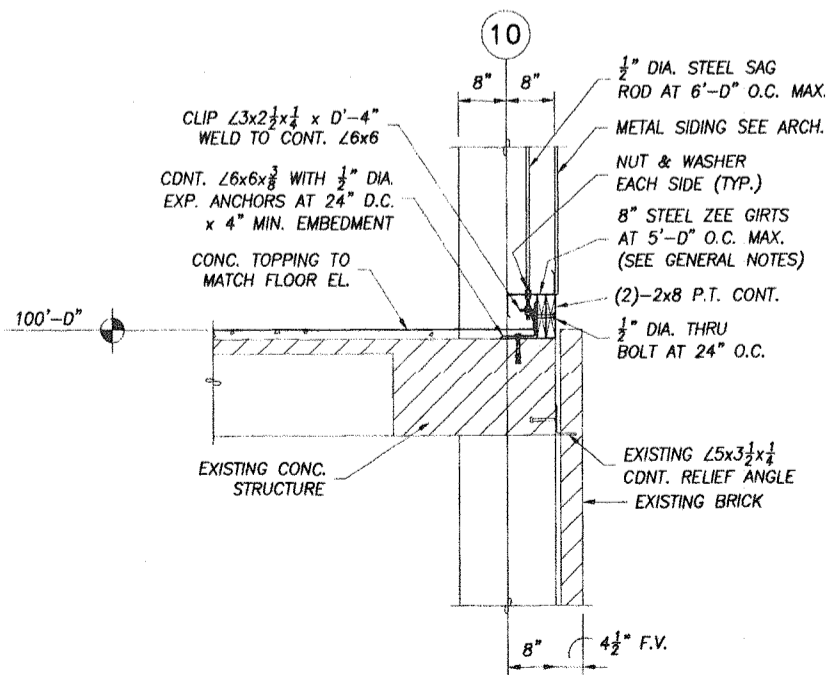
SECTION E
3/4" = 1'-0" S3.1



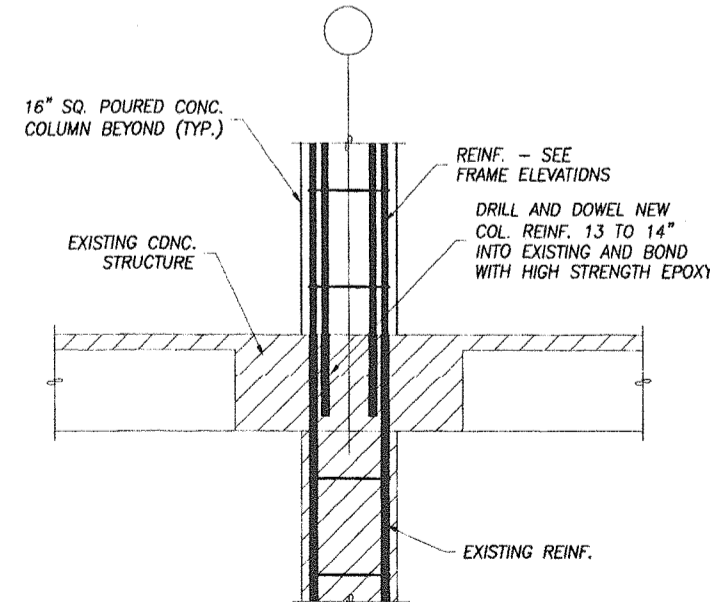
SECTION F
3/4" = 1'-0" S3.1



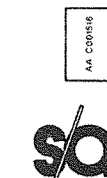
SECTION G
3/4" = 1'-0" S3.1



SECTION H
3/4" = 1'-0" S3.1



DETAIL 1
3/4" = 1'-0" S3.1



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project: insert housing addition
central booking and detention facility
escambia county, florida

sections and details

sheet title:

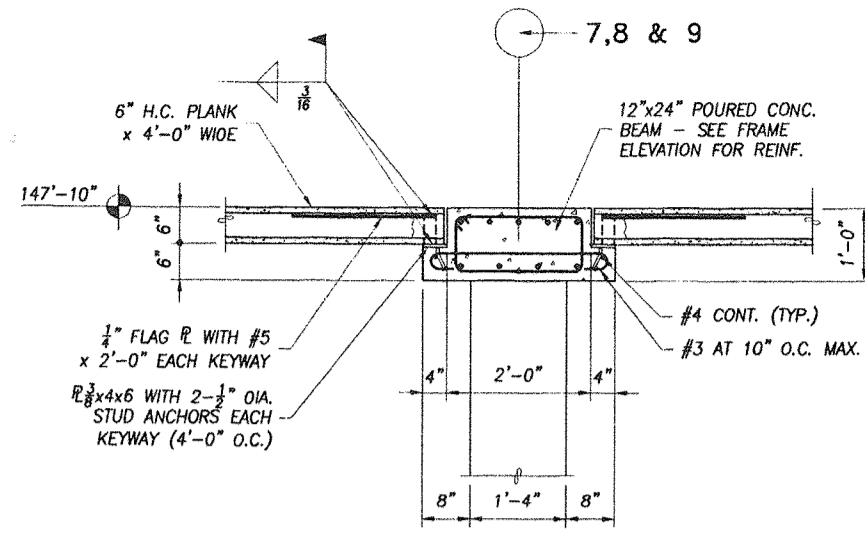
revisions:

scale: 3/4" = 1'-0"
drawn: SWL
check: SFJ
date: 07/12/99
project no: 9705-3

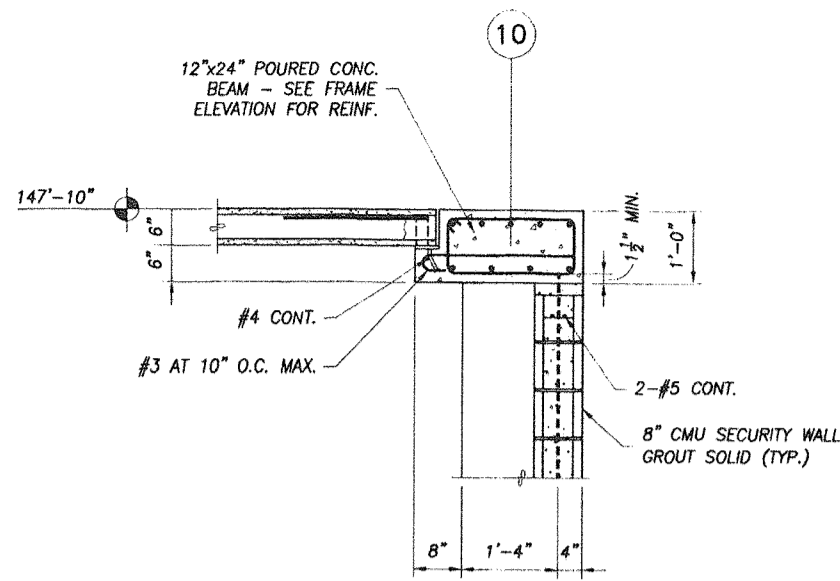
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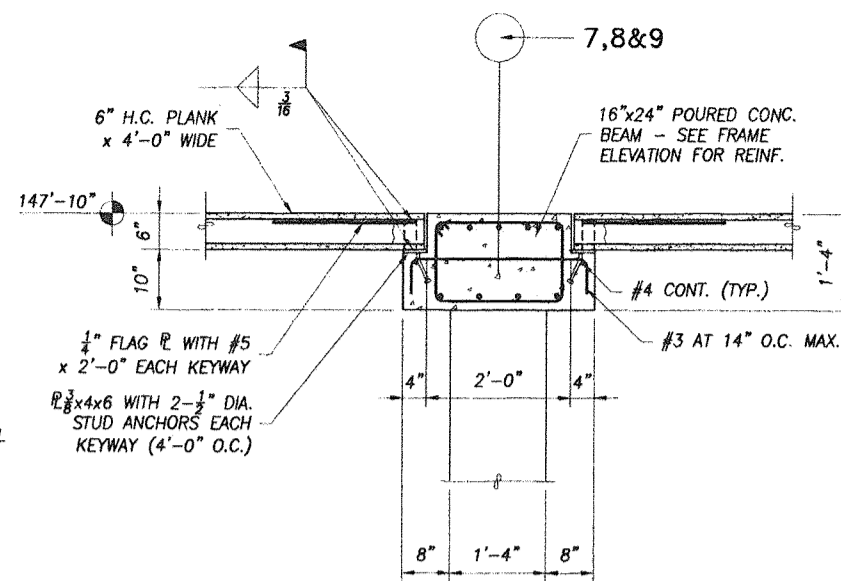
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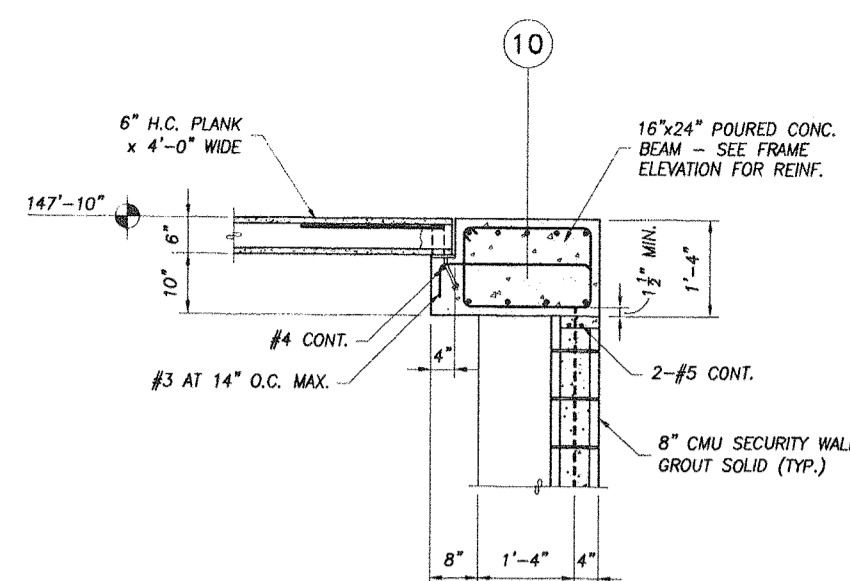
SECTION A
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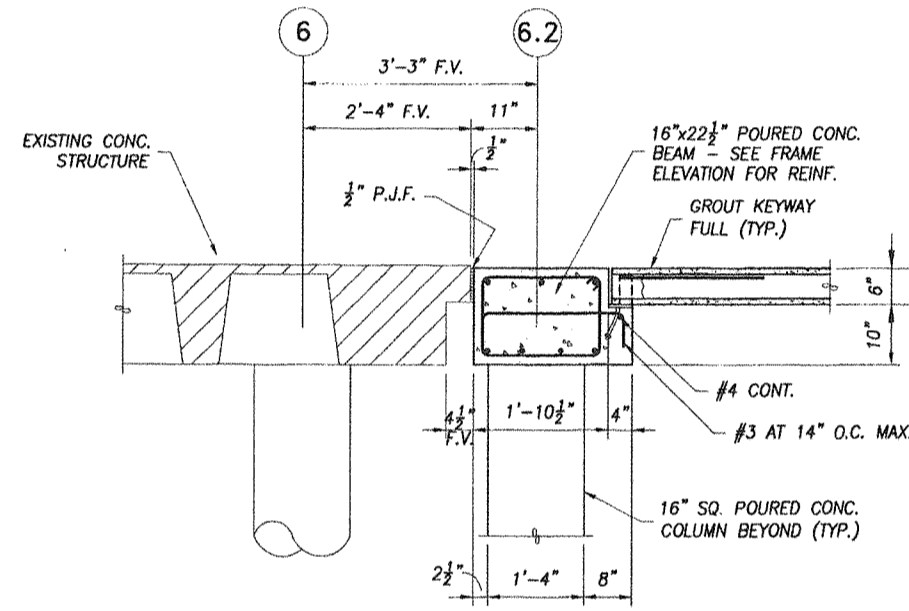
SECTION B
3/4" = 1'-0" S3.2



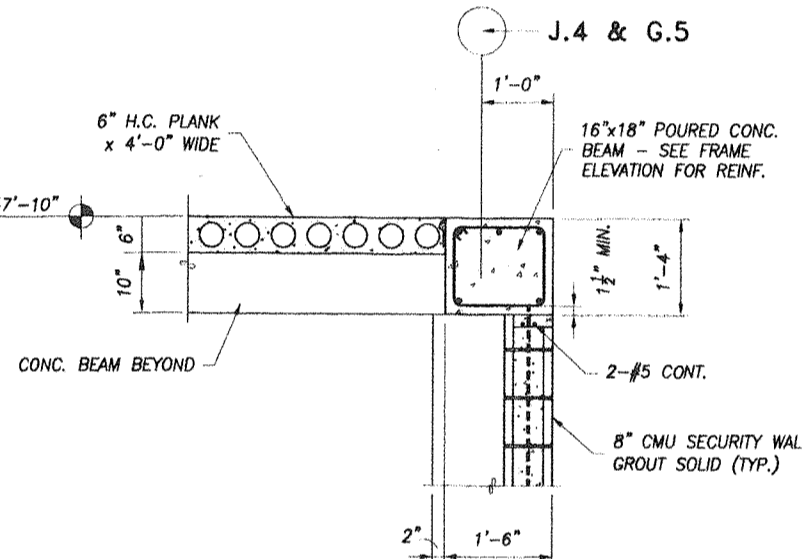
SECTION C
3/4" = 1'-0" S3.2



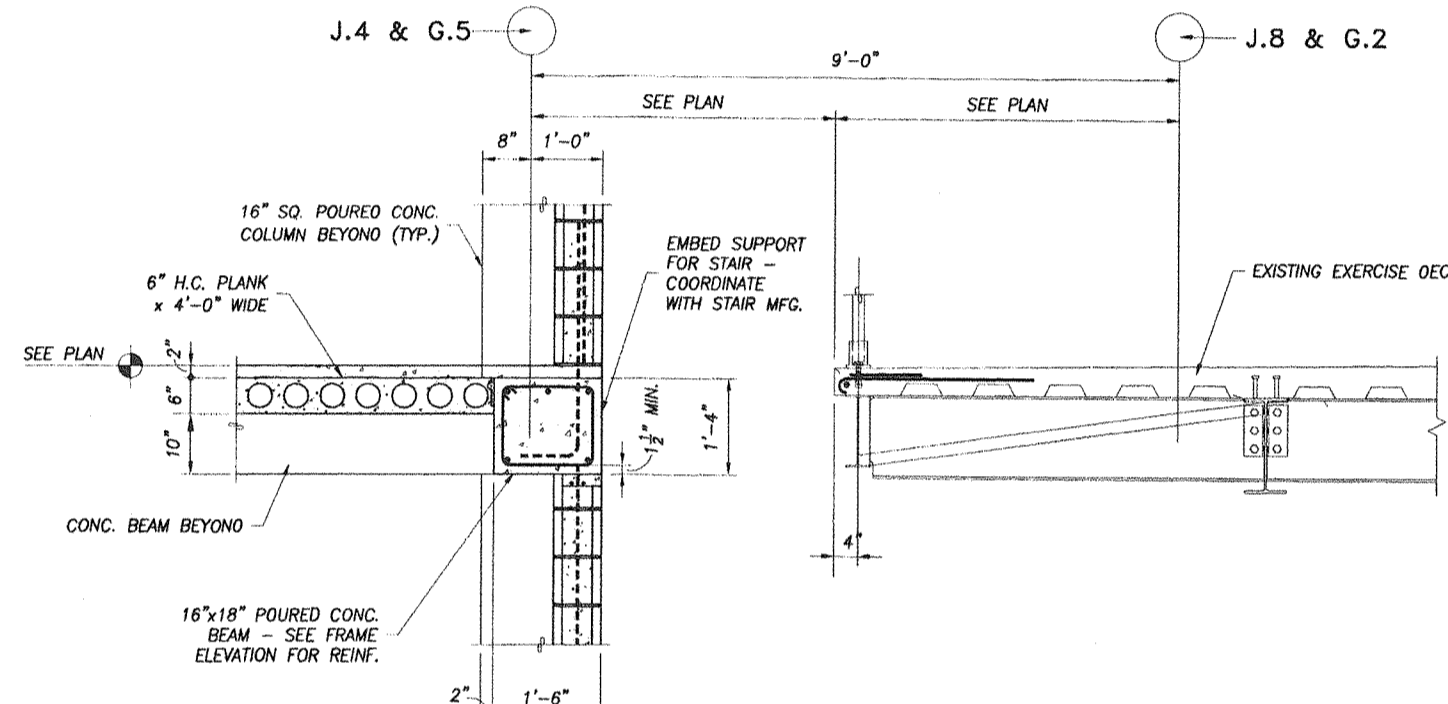
SECTION E
3/4" = 1'-0" S3.2



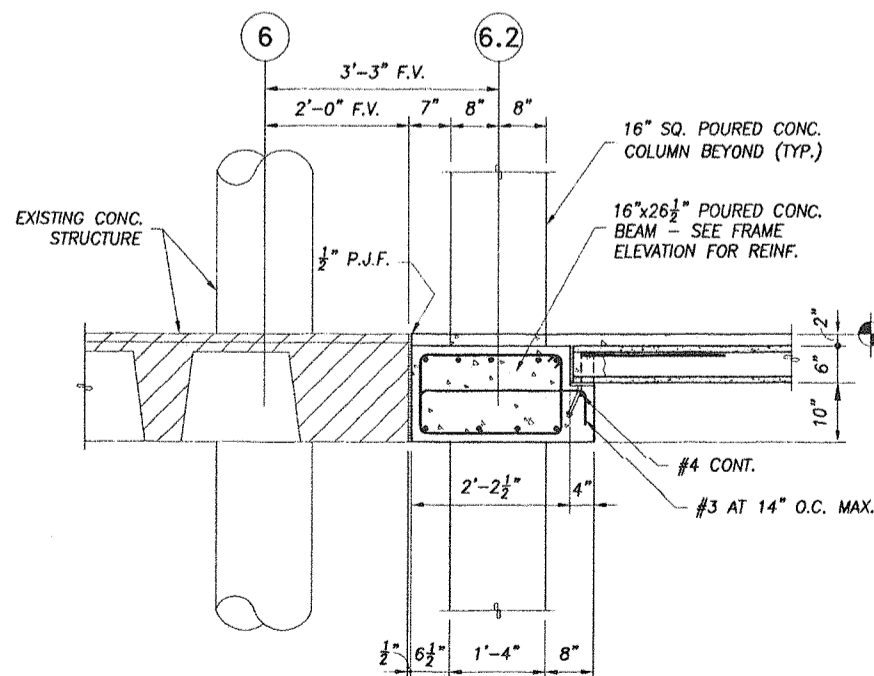
SECTION F
3/4" = 1'-0" S3.2



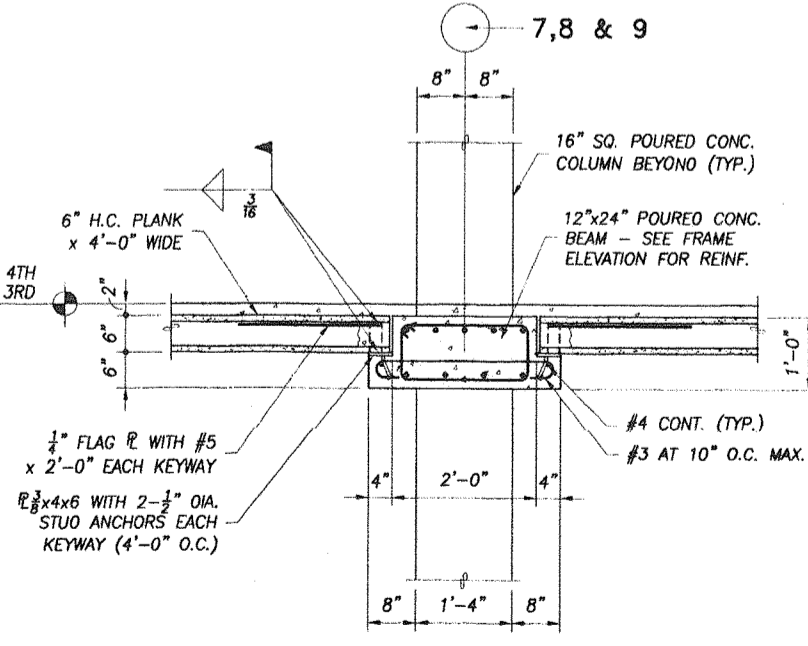
SECTION G
3/4" = 1'-0" S3.2



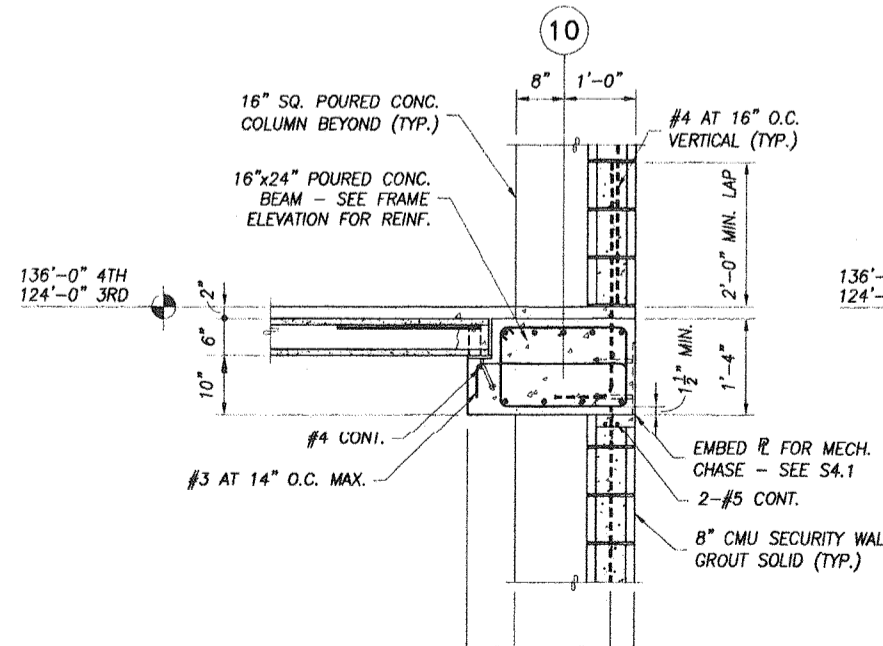
SECTION H
3/4" = 1'-0" S3.2



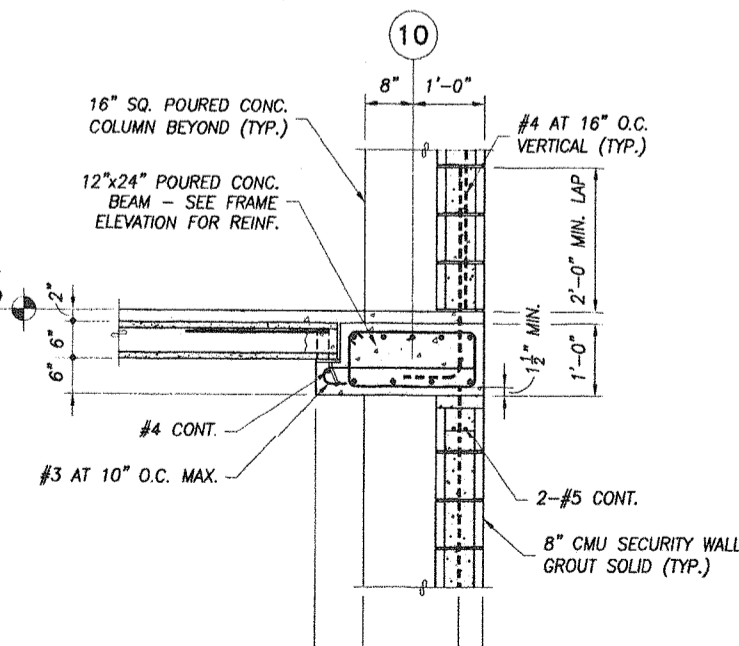
SECTION J
3/4" = 1'-0" S3.2



SECTION K
3/4" = 1'-0" S3.2



SECTION L
3/4" = 1'-0" S3.2



SECTION M
3/4" = 1'-0" S3.2



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project:

insert housing addition
central booking and detention facility
escambia county, florida

SECTIONS AND DETAILS

sheet title:

revisions:

scale: 3/4" = 1'-0"

drawn: SWL

check: SFJ

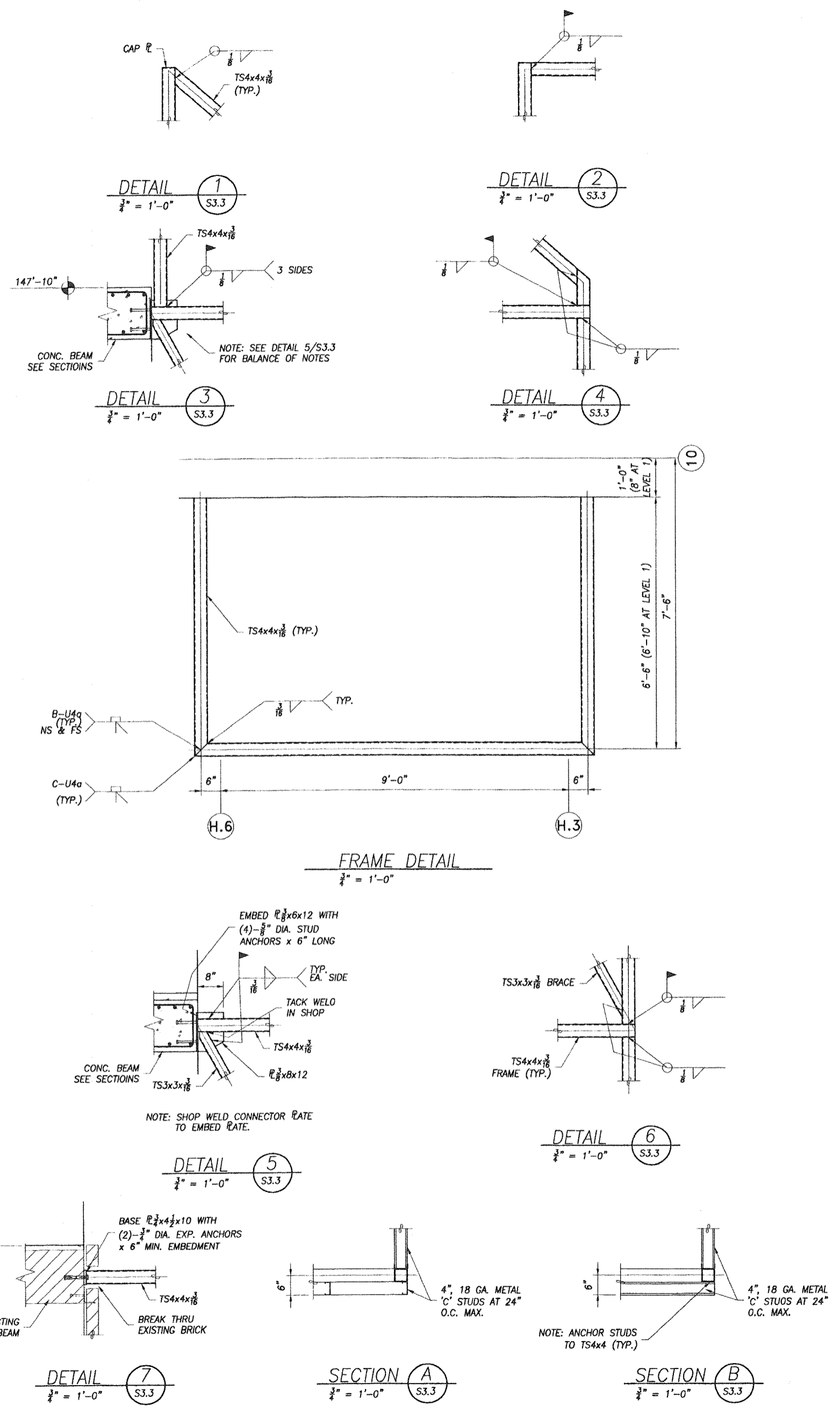
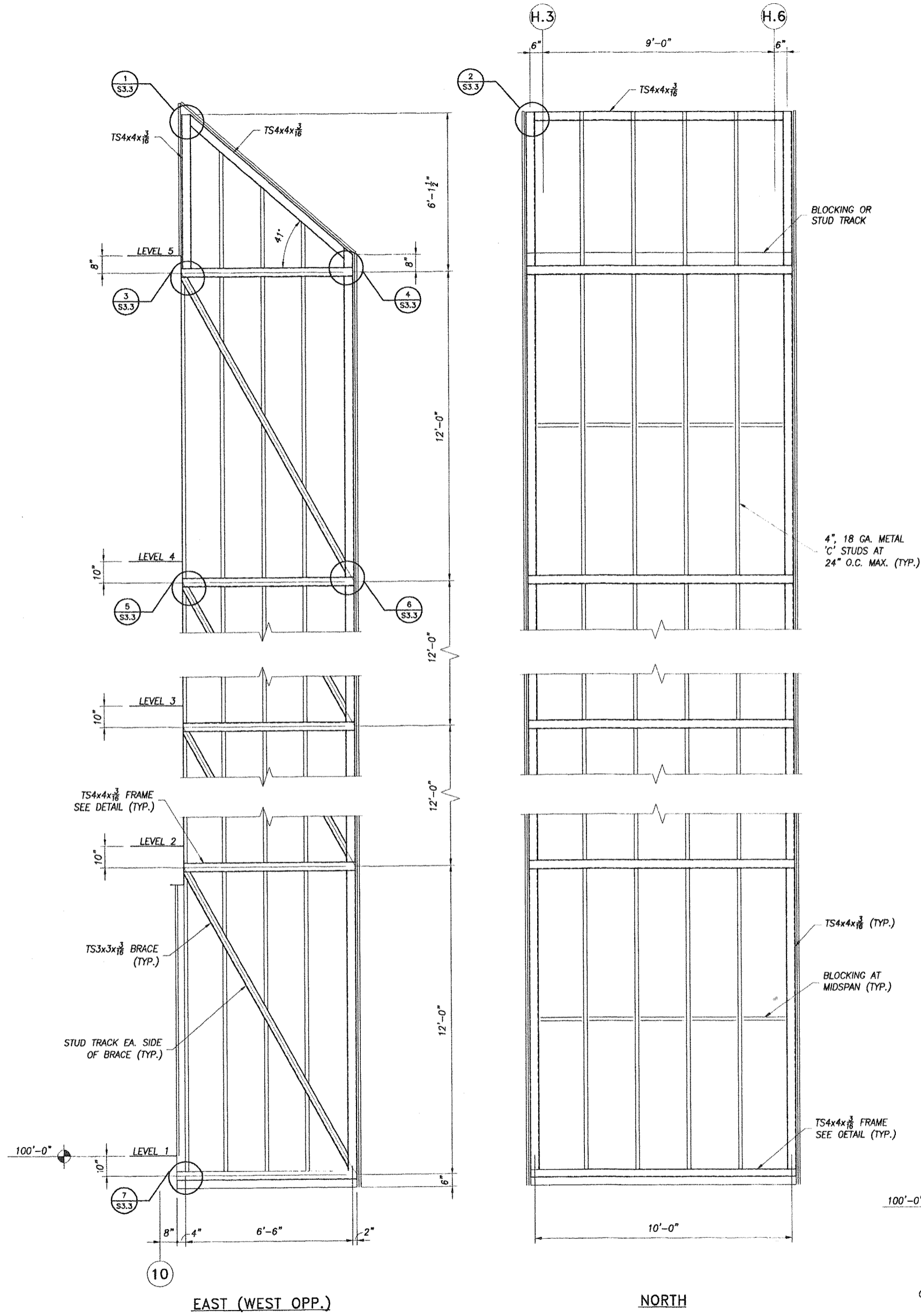
date: 07/12/99

project no. 9705-3

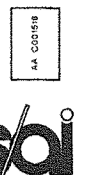


S3.2

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EXTERIOR MECHANICAL CHASE ELEVATIONS
 $\frac{1}{2}'' = 1'-0''$



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project: insert housing addition
 central booking and detention facility
 escambia county, florida

sheet title: MECHANICAL CHASE
 ELEVATIONS & DETAILS

revisions:
 scale: SEE DRAWING
 drawn: SWL
 check: SFJ
 date: 07/12/99
 project no. 9705-3

S3.3

