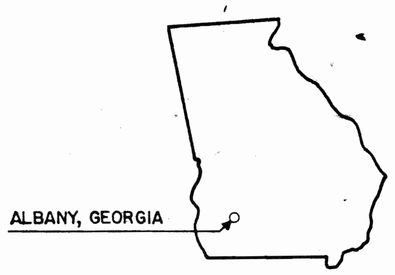
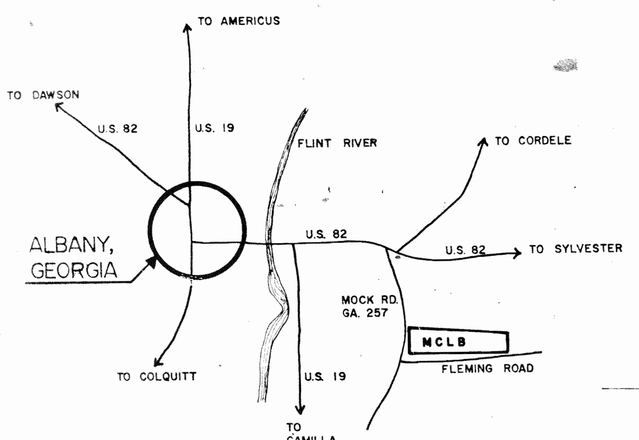
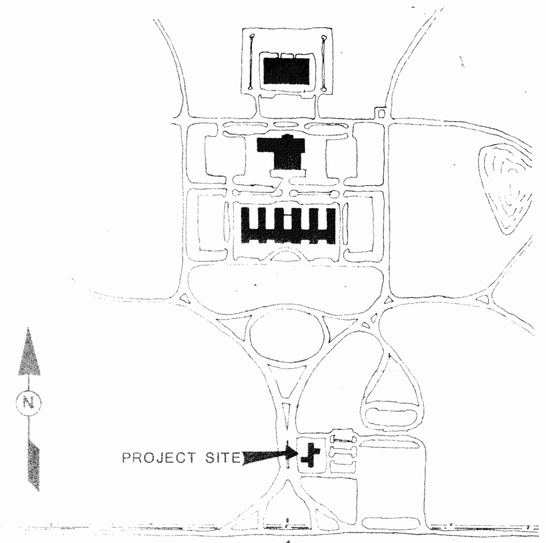
# ALTERATIONS, REPAIRS AND ADDITIONS TO BUILDING 3010 MARINE CORPS LOGISTICS BASE ALBANY, GEORGIA



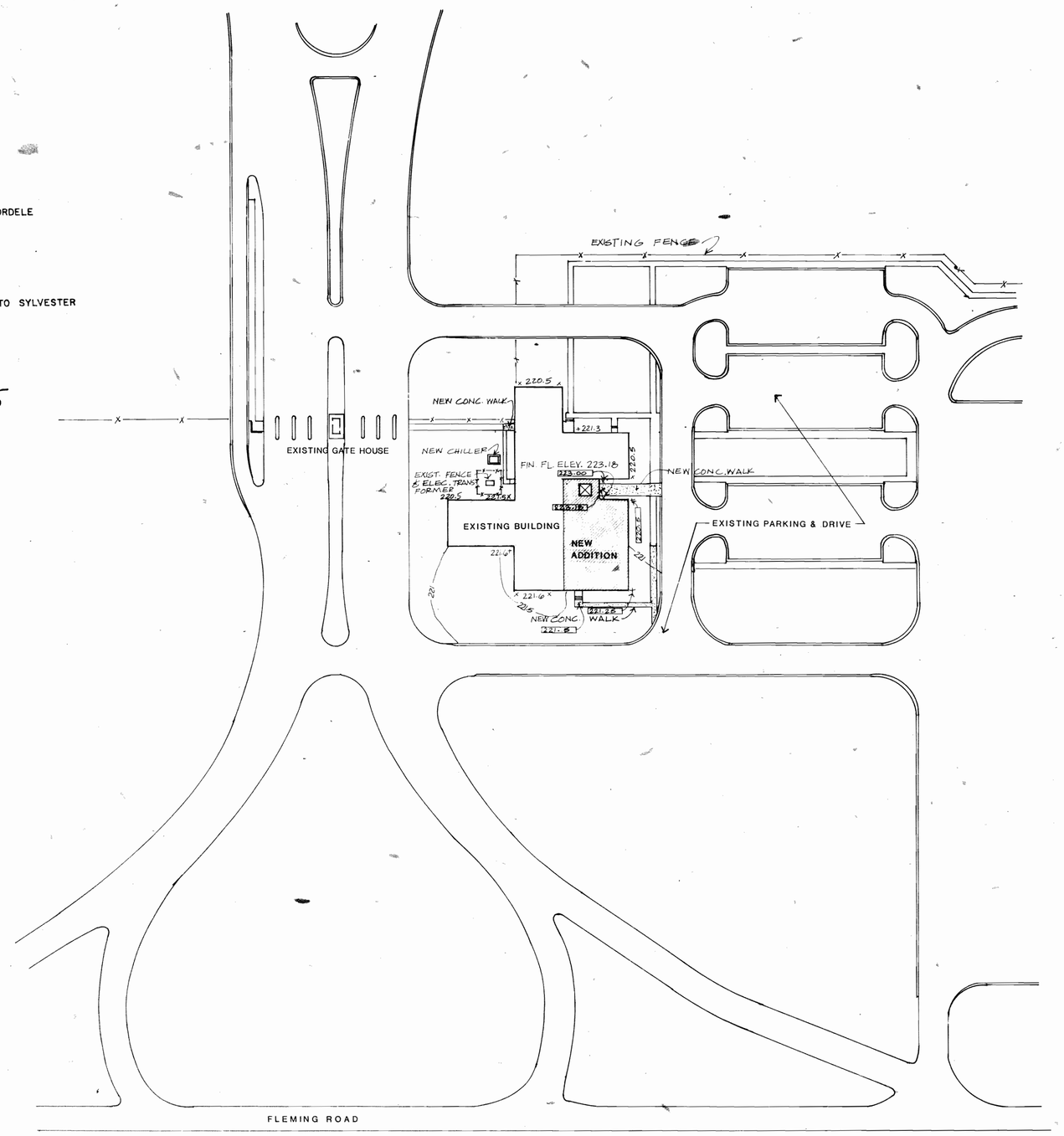

GEORGIA




VICINITY MAP
NOT TO SCALE




LOCATION MAP
1" = 500'-0"




SITE PLAN
SCALE: 1" = 60'-0"

NORTH

## LIST OF DRAWINGS

| | | | |
|---|---|---|---|
| 1 | SITE PLAN | 14 | HVAC PIPING PLAN |
| 2 | DEMOLITION PLAN | 15 | PLUMBING PLAN |
| 3 | FLOOR PLAN | 16 | LIGHTING PLAN |
| 4 | FINISH & DOOR SCHEDULES | 17 | POWER PLAN |
| 5 | WALL SECTIONS & WINDOW SCHEDULE | | |
| 6 | BUILDING SECTION & MISC. DETAILS | | |
| 7 | REFLECTED CEILING PLAN | | |
| 8 | ROOF PLAN | | |
| 9 | EXTERIOR ELEVATIONS | | |
| 10 | PROPOSED OFFICE SYSTEM LAYOUT (N.I.C.) | | |
| 11 | ROOF FRAMING & FOUND. PLAN | | |
| 12 | HVAC DEMOLITION PLAN | | |
| 13 | HVAC PLAN | | |

## LEGEND

- SECTION/DETAIL DESIGNATION
- DRAWING WHERE SHOWN
- DRAWING WHERE CUT
- DIRECTION OF CUT
- INTERIOR ELEVATION DESIGNATION
- DRAWING WHERE SHOWN
- DOOR DESIGNATION
- WINDOW DESIGNATION
- NEW GRADE ELEVATION
- + 00.0 EXISTING GRADE ELEVATION

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| | REVISIONS | | |

PWO DRAWING NO.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS LOGISTICS BASE
ALBANY GEORGIA

DESIGNED
DRAWN DWM
CHECKED FMW
CH. ENGR.
DATE 23 MARCH 84

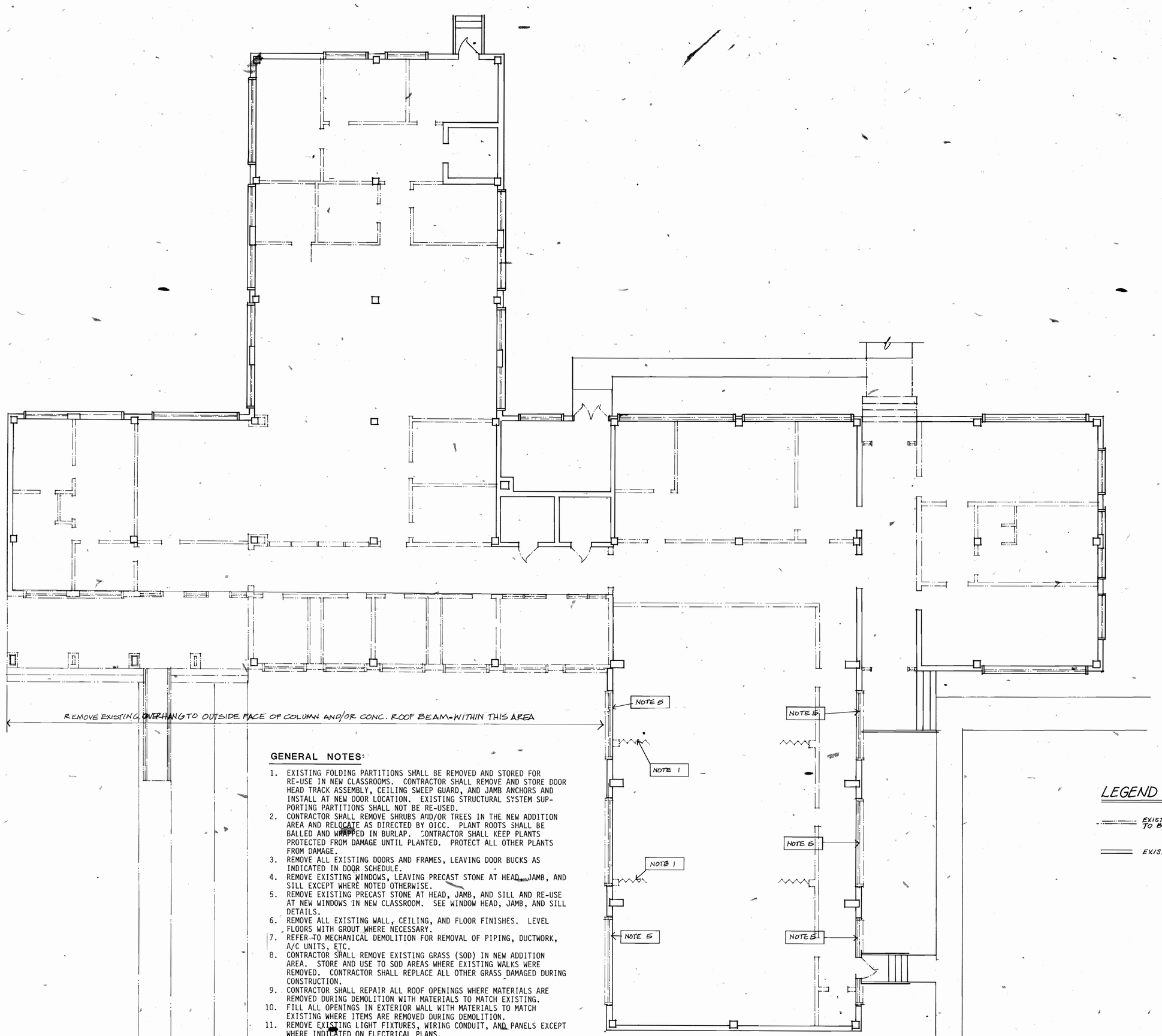
ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

SITE PLAN

APPROVED _____ DATE _____
PUBLIC WORKS OFFICER

APPROVED _____
DATE _____

SCALE AS SHOWN SPEC. 06-83-3817
SHEET 1 OF 17
NAVFAC DWG. NO. 5119165




## GENERAL NOTES:

1. EXISTING FOLDING PARTITIONS SHALL BE REMOVED AND STORED FOR RE-USE IN NEW CLASSROOMS. CONTRACTOR SHALL REMOVE AND STORE DOOR HEAD TRACK ASSEMBLY, CEILING SWEEP GUARD, AND JAMB ANCHORS AND INSTALL AT NEW DOOR LOCATION. EXISTING STRUCTURAL SYSTEM SUPPORTING PARTITIONS SHALL NOT BE RE-USED.
2. CONTRACTOR SHALL REMOVE SHRUBS AND/OR TREES IN THE NEW ADDITION AREA AND RELOCATE AS DIRECTED BY OICC. PLANT ROOTS SHALL BE BALLED AND WRAPPED IN BURLAP. CONTRACTOR SHALL KEEP PLANTS PROTECTED FROM DAMAGE UNTIL PLANTED. PROTECT ALL OTHER PLANTS FROM DAMAGE.
3. REMOVE ALL EXISTING DOORS AND FRAMES, LEAVING DOOR BUCKS AS INDICATED IN DOOR SCHEDULE.
4. REMOVE EXISTING WINDOWS, LEAVING PRECAST STONE AT HEAD, JAMB, AND SILL EXCEPT WHERE NOTED OTHERWISE.
5. REMOVE EXISTING PRECAST STONE AT HEAD, JAMB, AND SILL AND RE-USE AT NEW WINDOWS IN NEW CLASSROOM. SEE WINDOW HEAD, JAMB, AND SILL DETAILS.
6. REMOVE ALL EXISTING WALL, CEILING, AND FLOOR FINISHES. LEVEL FLOORS WITH GROUT WHERE NECESSARY.
7. REFER TO MECHANICAL DEMOLITION FOR REMOVAL OF PIPING, DUCTWORK, A/C UNITS, ETC.
8. CONTRACTOR SHALL REMOVE EXISTING GRASS (SOD) IN NEW ADDITION AREA. STORE AND USE TO SOD AREAS WHERE EXISTING WALKS WERE REMOVED. CONTRACTOR SHALL REPLACE ALL OTHER GRASS DAMAGED DURING CONSTRUCTION.
9. CONTRACTOR SHALL REPAIR ALL ROOF OPENINGS WHERE MATERIALS ARE REMOVED DURING DEMOLITION WITH MATERIALS TO MATCH EXISTING.
10. FILL ALL OPENINGS IN EXTERIOR WALL WITH MATERIALS TO MATCH EXISTING WHERE ITEMS ARE REMOVED DURING DEMOLITION.
11. REMOVE EXISTING LIGHT FIXTURES, WIRING CONDUIT, AND PANELS EXCEPT WHERE INDICATED ON ELECTRICAL PLANS.
12. CUT AND REMOVE CONCRETE FLOOR AND ROOF SLABS AS INDICATED FOR INSTALLATION OF UTILITIES AND EQUIPMENT.

## LEGEND

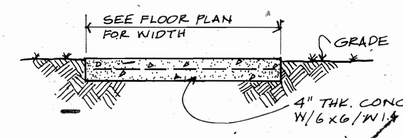
EXISTING WALLS, WINDOWS, FINISHES, ETC., TO BE REMOVED.

EXISTING TO REMAIN.

# DEMOLITION PLAN

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

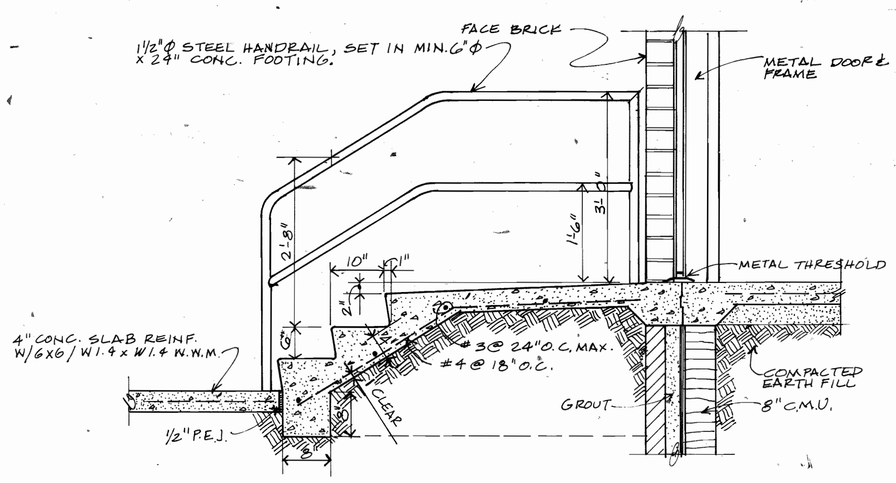
NORTH




F 3|2

## SECTION @ WALK

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




E 3|2

## SECTION @ LANDING

SCALE: 3/4" = 1'-0".

| SYMBOL | DESCRIPTION (REVISIONS) | DATE | APPROVAL |
|---|---|---|---|
| | | | |

PWO DRAWING NO.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
**MARINE CORPS LOGISTICS BASE**
ALBANY GEORGIA

DESIGNED
DRAWN DWM
CHECKED FMW
CH. ENGR
DATE 23 MARCH 84

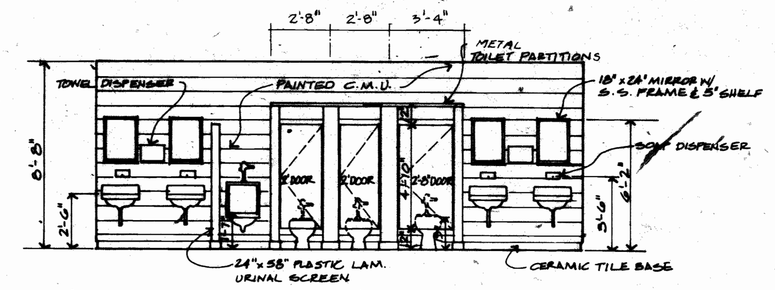
ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

**DEMOLITION PLAN**

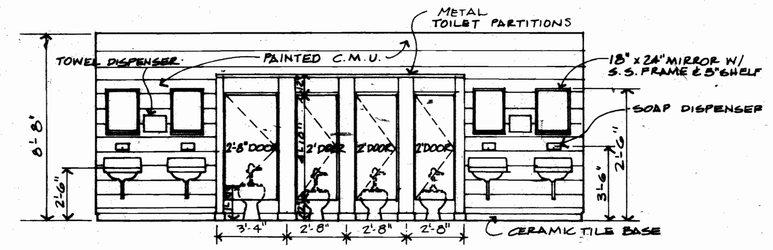
APPROVED _____ DATE 17 DEC 1984
PUBLIC WORKS OFFICER

APPROVED _____
DATE _____

SCALE AS SHOWN SPEC. 06-83-3817
SHEET 2 OF 17
NAVFAC DWG. NO. 5119166



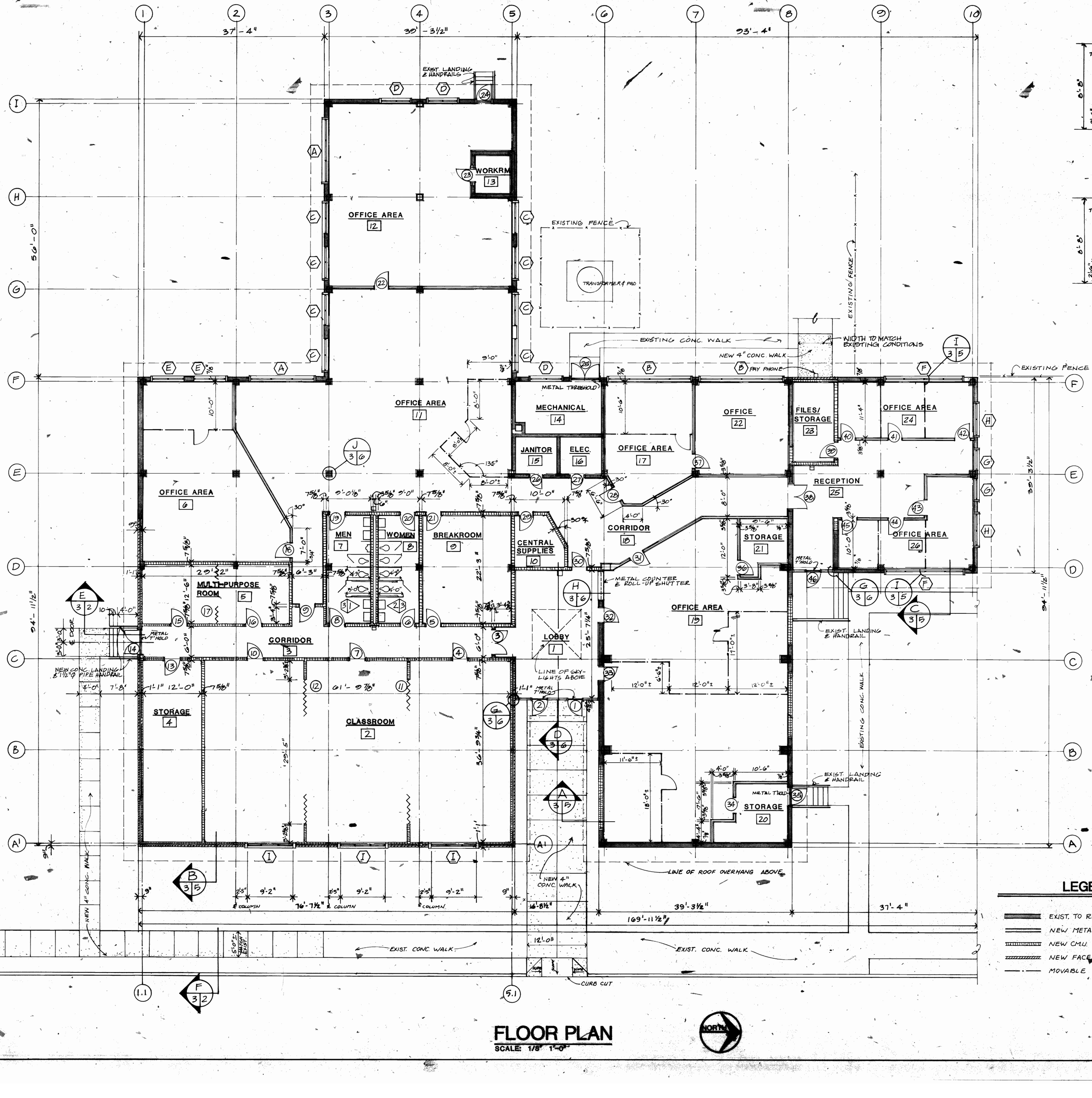

1/3 MEN'S REST ROOM




2/3 WOMEN'S REST ROOM

# INTERIOR ELEVATIONS

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




## FLOOR PLAN

SCALE: 1/8" 1'-0"

NORTH

## LEGEND

- EXIST. TO REMAIN
- NEW METAL STUD PARTITION
- NEW C.M.U.
- NEW FACE BRICK
- MOVABLE WALL SYSTEM

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| | REVISIONS | | |

PWO DRAWING NO.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
**MARINE CORPS LOGISTICS BASE**
ALBANY GEORGIA

ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

**FLOOR PLAN**

DESIGNED
DRAWN DWM, LMP
CHECKED FMW
CH. ENGR.
DATE 23 MARCH 84

APPROVED _____ DATE _____
PUBLIC WORKS OFFICER

APPROVED _____
DATE _____

SCALE AS SHOWN SPEC. 06-83-3817
SHEET 3 OF 17
NAVFAC DWG. NO. 5119167

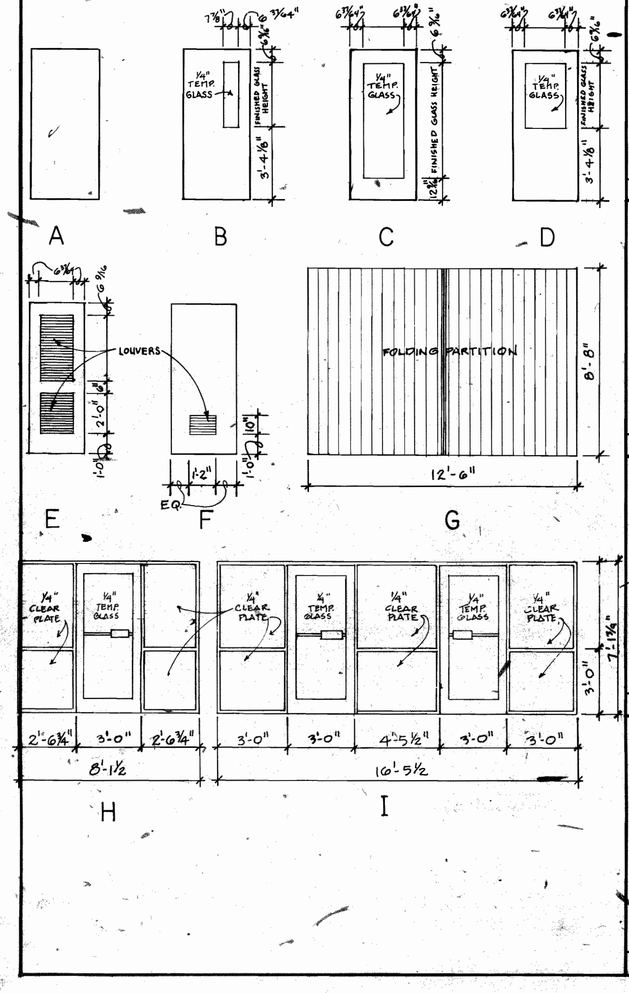
# FINISH SCHEDULE

| MARK | ROOM NAME | FLOOR | | | | | | BASE | | | | WAINCT. | | | | WALLS | | | | | | | | CLNG. | | | | CLNG. HT. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CERAMIC PAVERS | CARPET | V.A.T. | CERAMIC TILE | CONCRETE | EXISTING | CERAMIC TILE | CERAMIC | RUBBER | EXISTING | | | | | GYPSUM BD. PAINTED | PAINTED C.M.U. | EXISTING PAINTED | | | | | | ACOUSTICAL TILE | EXISTING PAINTED | GYPSUM BD. PAINTED | | | |
| | | 1 2 | 3 | 4 | 5 | 6 | | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1 | 2 | 3 | 4 | | |
| 1 | LOBBY | | 3 | | | | | | 3 | | | | | | | 1 | | | | | | | | | | 3 | | 9'-0" | |
| 2 | CLASSROOM | | 3 | | | | | | 3 | | | | | | | | 2 | | | | | | | 1 | | | | 9'-9" | |
| 3 | CORRIDOR | | 3 | | | | | | 3 | | | | | | | | 2 | | | | | | | 1 | | | | 8'-0" | |
| 4 | STORAGE | | 3 | | | | | | 3 | | | | | | | | 2 | | | | | | | 1 | | | | 10'-0" | |
| 5 | MULTI-PURPOSE ROOM | | 3 | | | | | | 3 | | | | | | | | 2 | | | | | | | 1 | | | | 8'-0" | |
| 6 | OFFICE AREA | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | FINISH ON MOVABLE PARTITIONS TO MATCH THAT OF ADJACENT WALL FINISHES. |
| 7 | MEN'S RESTROOM | | | 4 | | | 1 | | | | | | | | | | 2 | | | | | | | 1 | | | | 8'-8" | |
| 8 | WOMEN'S RESTROOM | | | 4 | | | 1 | | | | | | | | | | 2 | | | | | | | 1 | | | | 8'-8" | |
| 9 | BREAK ROOM | | 3 | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |
| 10 | CENTRAL SUPPLIES | | 3 | | | | | | 3 | | | | | | | | 2 | | | | | | | 1 | | | | 8'-8" | |
| 11 | OFFICE AREA | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |
| 12 | OFFICE AREA | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |
| 13 | WORK ROOM | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-0" | |
| 14 | MECHANICAL | | | | | 6 | | | | 4 | | | | | | | | 3 | | | | | | | 2 | | | EXISTING | |
| 15 | JANITOR | | | | | 6 | | | | 4 | | | | | | | | 3 | | | | | | | 2 | | | EXISTING | |
| 16 | ELECTRICAL | | | | | 6 | | | | 4 | | | | | | | | 3 | | | | | | | 2 | | | EXISTING | |
| 17 | OFFICE AREA | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |
| 18 | CORRIDOR | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |
| 19 | OFFICE AREA | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |
| 20 | STORAGE | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |
| 21 | STORAGE | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |
| 22 | OFFICE | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |
| 23 | FILES/STORAGE | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |
| 24 | OFFICE AREA | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |
| 25 | RECEPTION | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |
| 26 | OFFICE AREA | 2 | | | | | | | 3 | | | | | | | 1 | | | | | | | | 1 | | | | 8'-8" | |

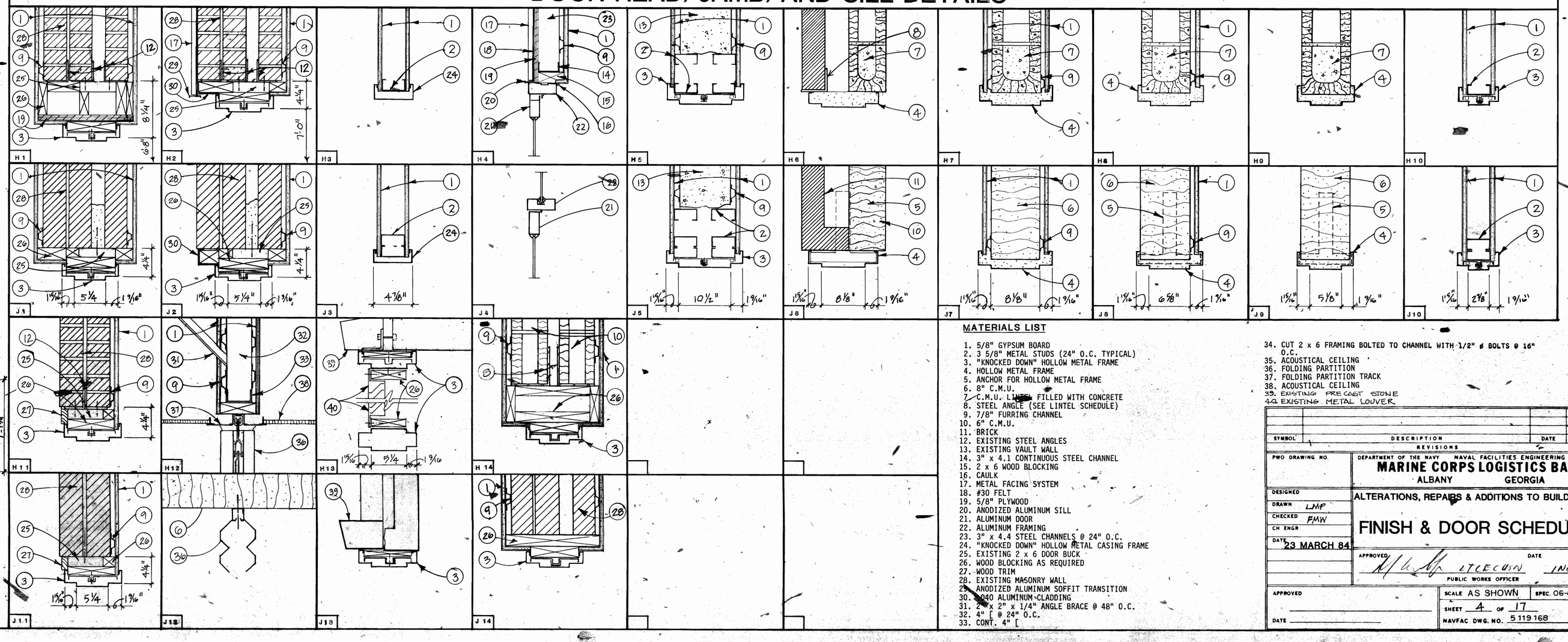
# DOOR SCHEDULE

| DOOR NO. | DOOR TYPE | MATERIAL FRAME | MATERIAL DOOR | SIZE WIDTH | SIZE HT. | SIZE THKNS. | DETAILS H | DETAILS J | DETAILS S | GLASS TYPE | T'HOLD | LOUVER | HDWRE SET NO. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | I | ALUM. | ALUM. | 3'-0" | 7'-0" | — | 4 | 4 | | 1/4" TEMP. GLASS | METAL | | 1 | |
| 2 | I | ALUM. | ALUM. | 3'-0" | 7'-0" | — | 4 | 4 | | " | METAL | | 1 | |
| 3 | B | METAL | WOOD | PR 2'-6" | 6'-8" | 1 3/4" | 8 | 8 | | " | | | 4 | |
| 4 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 9 | 9 | | " | | | 3 | |
| 5 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 9 | 9 | | " | | | 20 | |
| 6 | F | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 9 | 9 | | | | | 6 | |
| 7 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 9 | 9 | | 1/4" TEMP. GLASS | | SEE DOOR TYPE | 3 | |
| 8 | F | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 9 | 9 | | | | | 6 | |
| 9 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 8 | 8 | | 1/4" TEMP. GLASS | | SEE DOOR TYPE | 5 | |
| 10 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 9 | 9 | | " | | | 3 | |
| 11 | EXISTING | METAL | VINYL | 29'-3" | 9'-9" | — | SIM. 12 | SIM. 12 | | | | | 13 | EXISTING FOLDING PARTITION RELOCATED. |
| 12 | EXISTING | METAL | VINYL | 29'-3" | 9'-9" | — | SIM. 12 | SIM. 12 | | | | | 13 | EXISTING FOLDING PARTITION RELOCATED |
| 13 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 9 | 9 | | | | | 11 | |
| 14 | A | METAL | METAL | PR 2'-6" | 6'-8 | 1 3/4" | 6 | 6 | | | METAL | | 2 | |
| 15 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 9 | 9 | | 1/4" TEMP. GLASS | | | 11 | |
| 16 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 9 | 9 | | " | | | 11 | |
| 17 | G | METAL | VINYL | 12'-0" | 8'-8" | — | 12 | 12 | | | | | 14 | FOLDING PARTITION |
| 18 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 10 | 10 | | 1/4" TEMP. GLASS | | | 8 | |
| 19 | F | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 8 | 8 | | | | SEE DOOR TYPE | 7 | |
| 20 | F | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 8 | 8 | | | | SEE DOOR TYPE | 7 | |
| 21 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 8 | 8 | | 1/4" TEMP. GLASS | | | 20 | |
| 22 | D | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 10 | 10 | | " | | | 8 | |
| 23 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 5 | 5 | | | | | 18 | |
| 24 | EXISTING | EXISTING | EXISTING | 3'-0" | 6'-8" | 1 3/4" | — | — | | | EXISTING | | 19 | EXISTING DOOR & FRAME. HARDWARE TO BE REUSED - FURNISH MKD CYL |
| 25 | E | METAL | METAL | PR 2'-5" | 7'-0" | 1 3/4" | 13 | 13 | | | | FULL | 15 | |
| 26 | A | METAL | WOOD | 3'-0 | 6'-8" | 1 3/4" | 11 | 11 | | | | | 12 | |
| 27 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 11 | 11 | | | | | 12 | |
| 28 | C | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 10 | 10 | | 1/4" TEMP. GLASS | | | 9 | |
| 29 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 8 | 8 | | | | | 11 | |
| 30 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 7 | 7 | | 1/4" TEMP. GLASS | | | 5 | |
| 31 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 10 | 10 | | " | | | 8 | |
| 32 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 14 | 14 | | " | | | 8 | |
| 33 | B | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 14 | 14 | | " | | | 8 | |
| 34 | — | METAL | SEE NOTES | 3'-0" | 6'-8" | — | 3 | 3 | | | | | 16 | CASED OPENING |
| 35 | A | METAL | METAL | 3'-0" | 7'-0" | 1 3/4" | 2 | 2 | | | | | 17 | |
| 36 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 10 | 10 | | | | | 18 | |
| 37 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 10 | 10 | | | | | 18 | |
| 38 | B | METAL | WOOD | PR 3'-0" | 6'-8" | 1 3/4" | 1 | 1 | | 1/4" TEMP. GLASS | | | 4 | |
| 39 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 7 | 7 | | | | | 10 | |
| 40 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 10 | 10 | | | | | 10 | |
| 41 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 10 | 10 | | | | | 10 | |
| 42 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 10 | 10 | | | | | 10 | |
| 43 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 10 | 10 | | | | | 10 | |
| 44 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 10 | 10 | | | | | 10 | |
| 45 | A | METAL | WOOD | 3'-0" | 6'-8" | 1 3/4" | 10 | 10 | | | | | 10 | |
| 46 | H | ALUM. | ALUM. | 3'-0" | 7'-0" | 1 3/4" | 4 | 4 | | 1/4" TEMP. GLASS | METAL | | 1 | |

# DOOR TYPES




# DOOR HEAD, JAMB, AND SILL DETAILS




## MATERIALS LIST

1. 5/8" GYPSUM BOARD
2. 3 5/8" METAL STUDS (24" O.C. TYPICAL)
3. "KNOCKED DOWN" HOLLOW METAL FRAME
4. HOLLOW METAL FRAME
5. ANCHOR FOR HOLLOW METAL FRAME
6. 8" C.M.U.
7. C.M.U. LINTEL FILLED WITH CONCRETE
8. STEEL ANGLE (SEE LINTEL SCHEDULE)
9. 7/8" FURRING CHANNEL
10. 6" C.M.U.
11. BRICK
12. EXISTING STEEL ANGLES
13. EXISTING VAULT WALL
14. 3" x 4.1 CONTINUOUS STEEL CHANNEL
15. 2 x 6 WOOD BLOCKING
16. CAULK
17. METAL FACING SYSTEM
18. #30 FELT
19. 5/8" PLYWOOD
20. ANODIZED ALUMINUM SILL
21. ALUMINUM DOOR
22. ALUMINUM FRAMING
23. 3" x 4.4 STEEL CHANNELS @ 24" O.C.
24. "KNOCKED DOWN" HOLLOW METAL CASING FRAME
25. EXISTING 2 x 6 DOOR BUCK
26. WOOD BLOCKING AS REQUIRED
27. WOOD TRIM
28. EXISTING MASONRY WALL
29. ANODIZED ALUMINUM SOFFIT TRANSITION
30. .040 ALUMINUM CLADDING
31. 2" x 2" x 1/4" ANGLE BRACE @ 48" O.C.
32. 4" [ @ 24" O.C.
33. CONT. 4" [
34. CUT 2 x 6 FRAMING BOLTED TO CHANNEL WITH 1/2" ø BOLTS @ 16" O.C.
35. ACOUSTICAL CEILING
36. FOLDING PARTITION
37. FOLDING PARTITION TRACK
38. ACOUSTICAL CEILING
39. EXISTING PRE CAST STONE
40. EXISTING METAL LOUVER

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| | REVISIONS | | |

PWO DRAWING NO.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
**MARINE CORPS LOGISTICS BASE**
ALBANY GEORGIA

DESIGNED
DRAWN LMP
CHECKED FMW
CH ENGR
DATE 23 MARCH 84

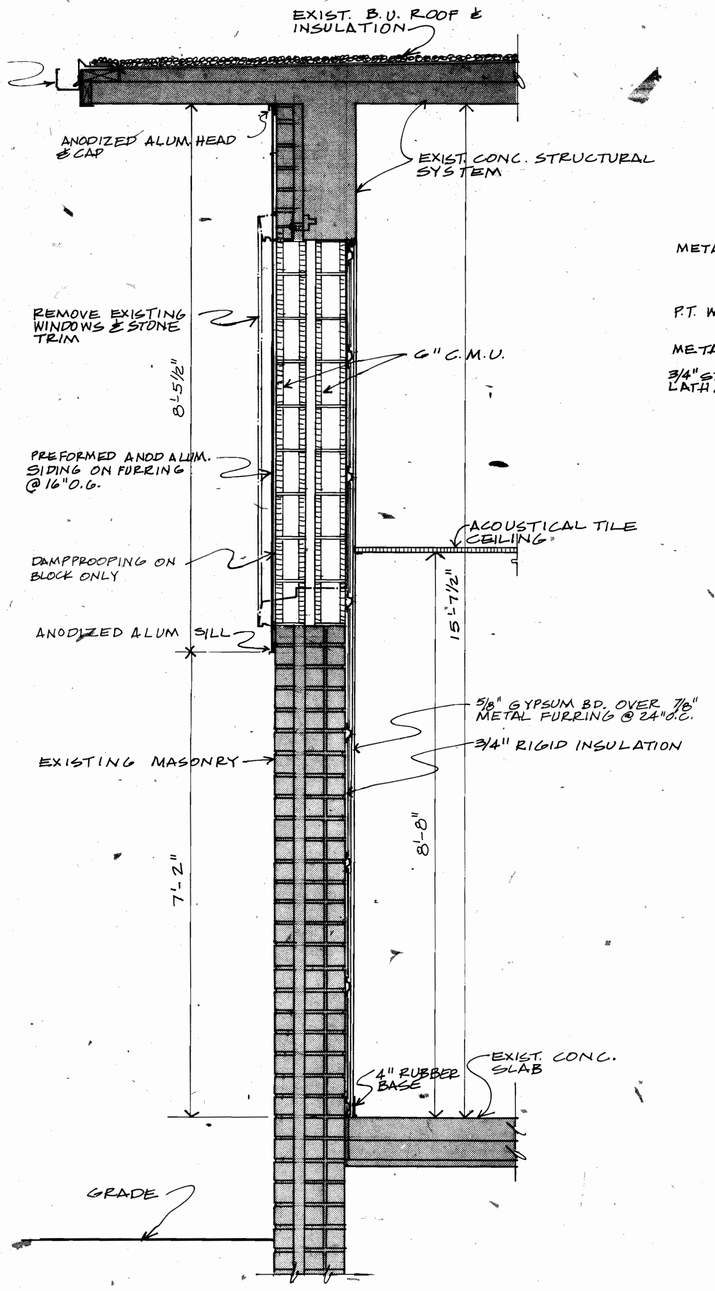
ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

**FINISH & DOOR SCHEDULES**

APPROVED: LTCECUIN 1NOV81 DATE
PUBLIC WORKS OFFICER

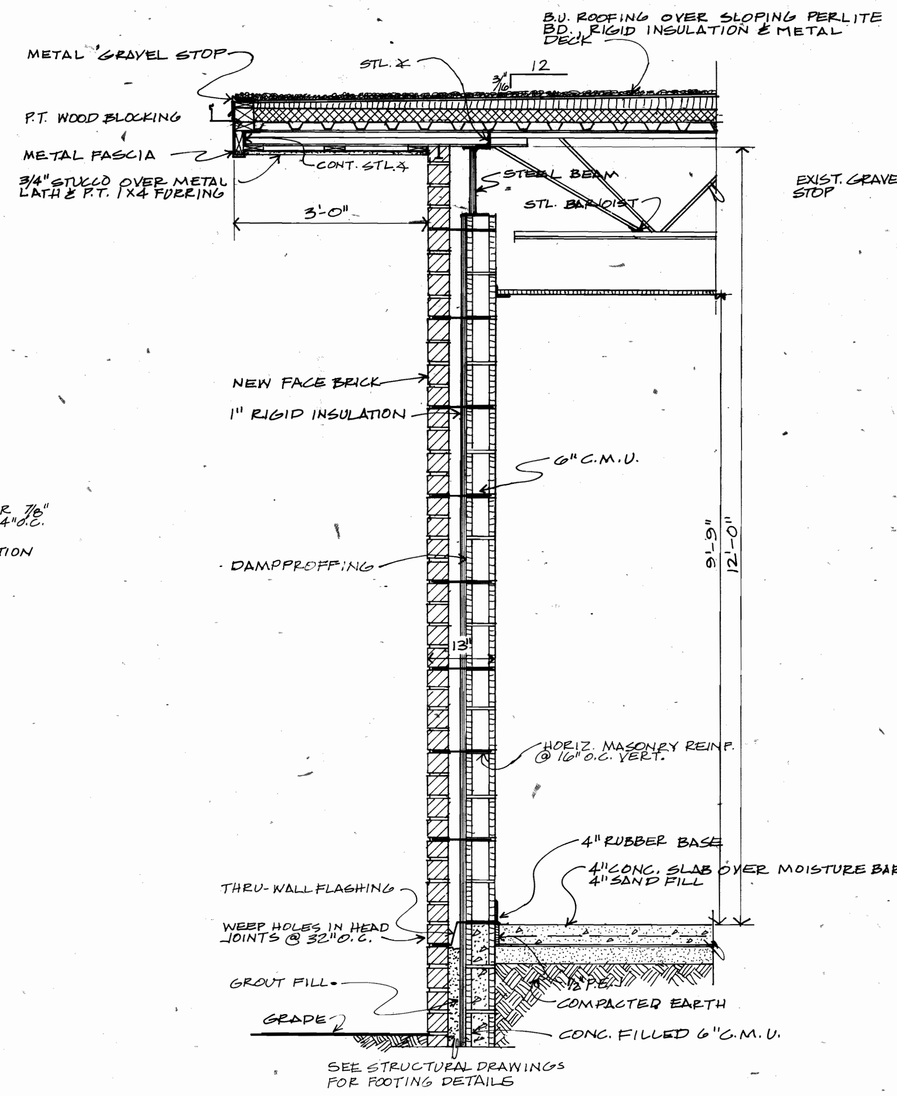
APPROVED
DATE

SCALE AS SHOWN SPEC. 06-83-3817
SHEET 4 OF 17
NAVFAC DWG. NO. 5119168



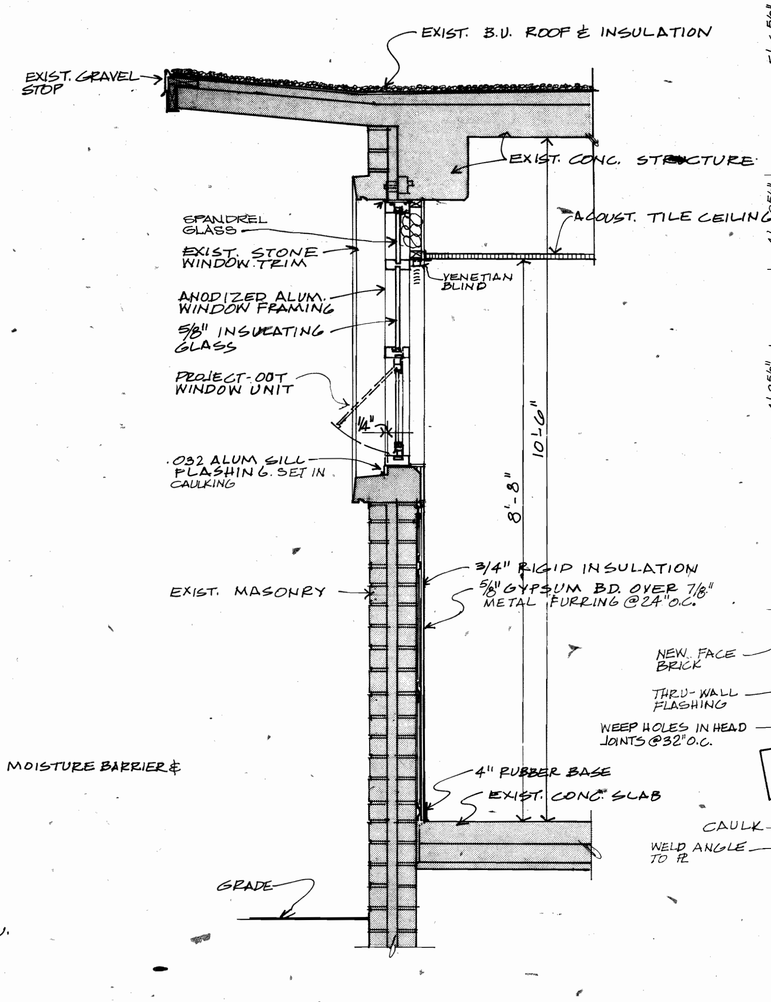

A 3/6 **WALL SECTION**

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



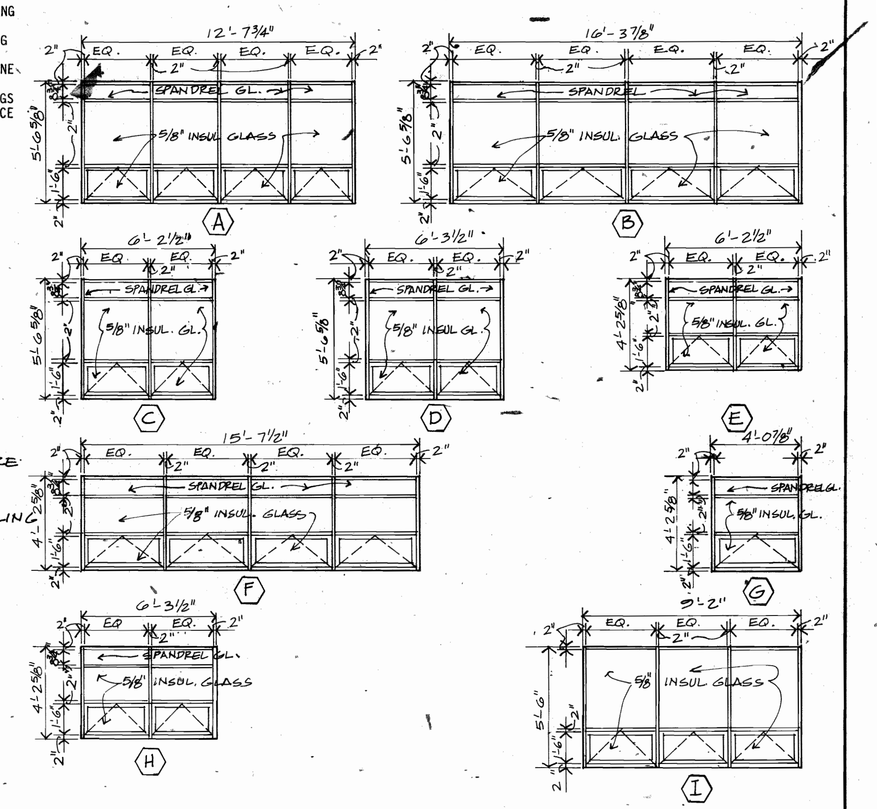

B 3/6 **WALL SECTION**

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




C 3/6 **WALL SECTION**

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

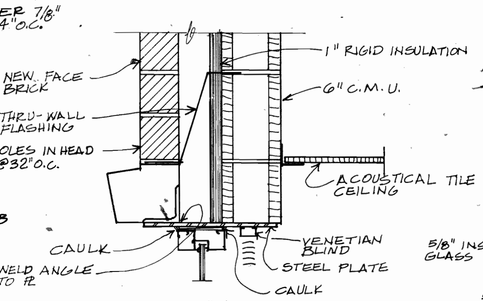



## WINDOW SCHEDULE

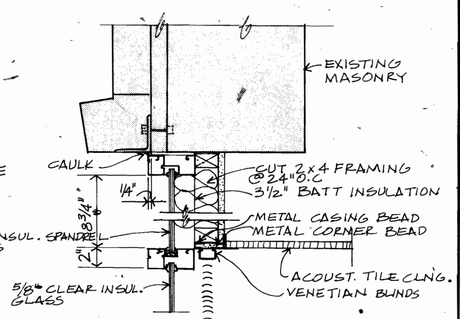
SCALE: 1/4" 1'-0"

**GENERAL NOTES:**

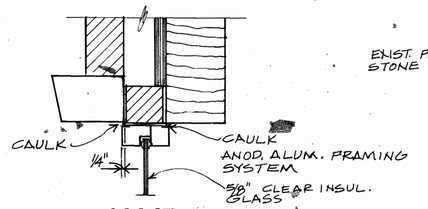
1. WINDOW FRAMING SHALL BE ANODIZED ALUMINUM.
2. OPERABLE VENTS SHALL BE 2" PROJECT-OUT TYPE SET IN METAL FRAMING SYSTEM.
3. OVERALL WINDOW DIMENSIONS INDICATES APPROXIMATE MASONRY OPENING SIZES. CONTRACTOR SHALL FIELD MEASURE FOR EXACT DIMENSIONS.
4. POINT-UP ALL MORTAR JOINTS AT PRECAST STONE WHERE EXISTING STONE IS TO REMAIN AT DOOR/WINDOWS.
5. RELOCATE EXISTING PRECAST STONE WINDOW TRIM FROM WINDOW OPENINGS SCHEDULED TO BE CLOSED TO LOCATION OF NEW WINDOW TYPE I. REDUCE WIDTH OF OPENING BY ONE 3'-2" PRECAST STONE SECTION.



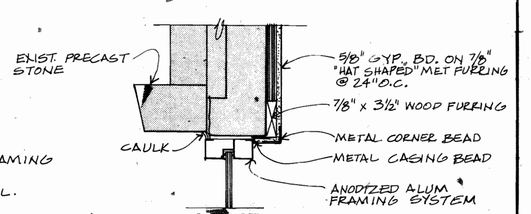

**HEAD**



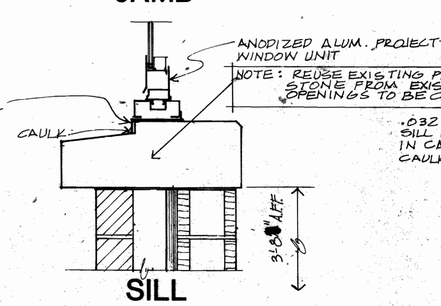

**HEAD**



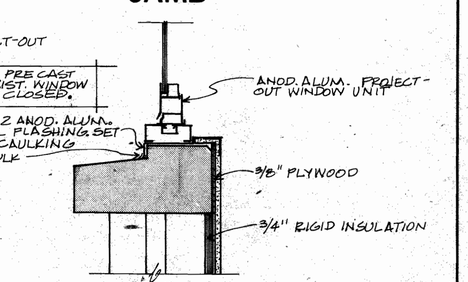

**JAMB**




**JAMB**




**SILL**

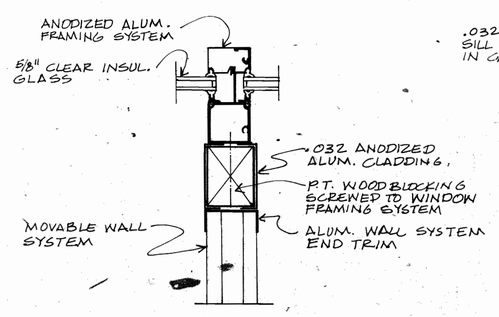



**SILL**

**WINDOW TYPE I** **WINDOW TYPES A THRU H**

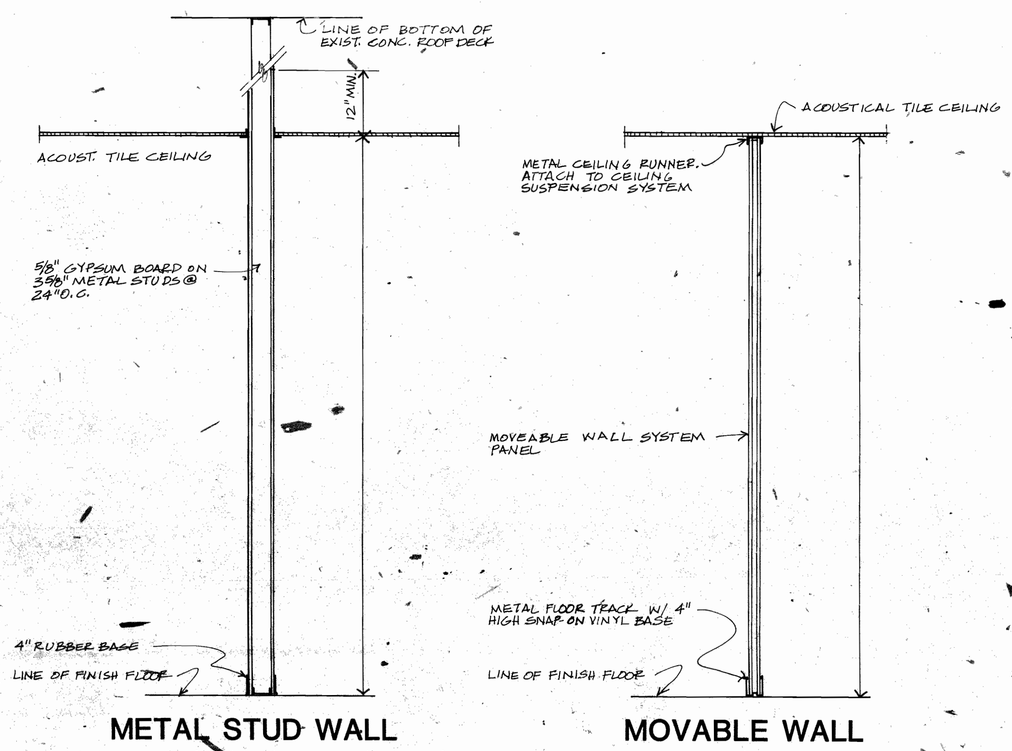
## WINDOW HEAD, JAMB, & SILL DETAILS

SCALE: 1 1/2" 1'-0"




I 3/5 **DETAIL**

SCALE: 3" 1'-0"




## TYPICAL INTERIOR WALLS

SCALE: 3/4" 1'-0"

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| | REVISIONS | | |

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
**MARINE CORPS LOGISTICS BASE**
ALBANY GEORGIA

DESIGNED
DRAWN DWM
CHECKED FMW
CH ENGR
DATE 23 MARCH 84

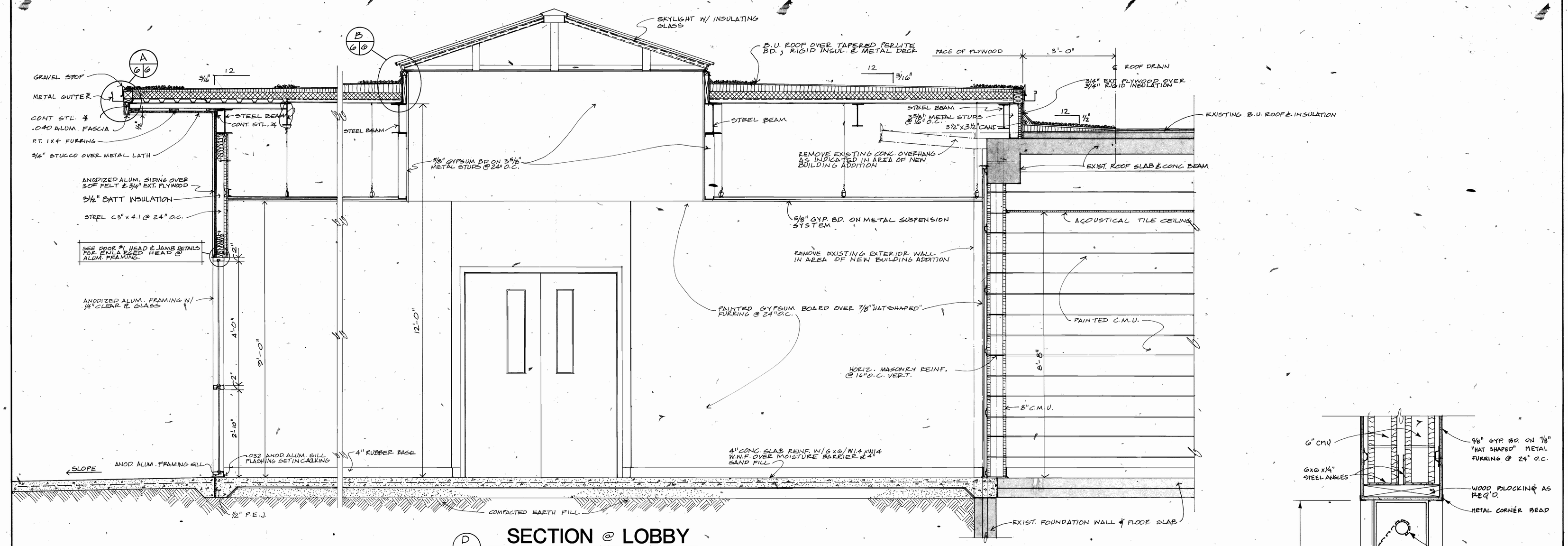
ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

**WALL SECTIONS & WINDOW SCHED.**

APPROVED _____ DATE
PUBLIC WORKS OFFICER

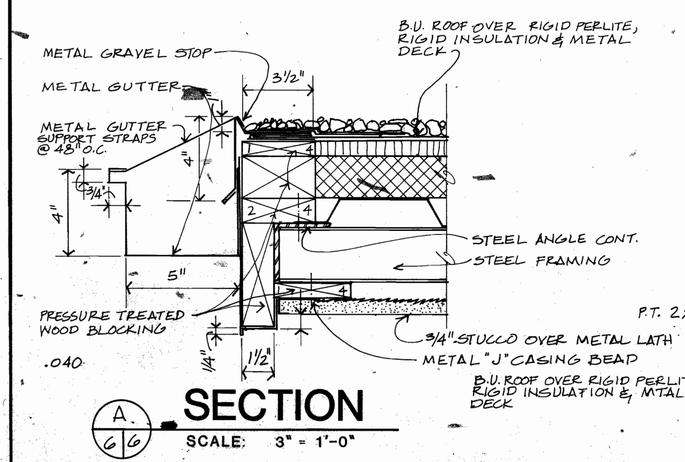
APPROVED
DATE

SCALE AS SHOWN SPEC 06-83-3817
SHEET 5 OF 17
NAVFAC DWG. NO. 5119169



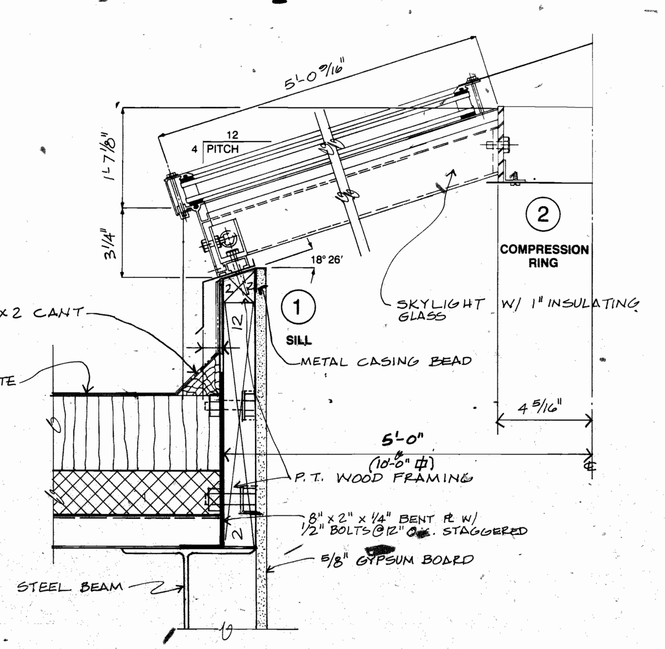

## SECTION @ LOBBY

(D / 3 6) SCALE: 3/4" 1'-0"



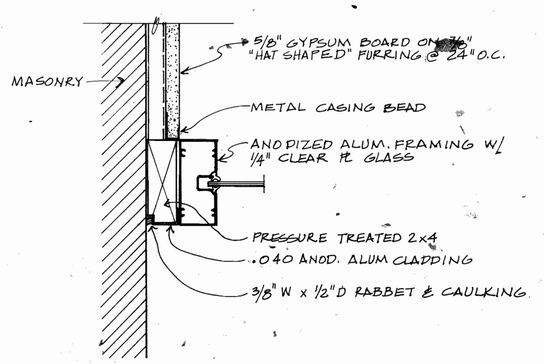

## SECTION

(A / 6 6) SCALE: 3" = 1'-0"



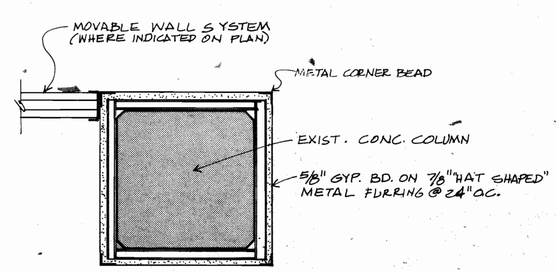

## SECTION

(B / 6 6) SCALE: 3" = 1'-0"



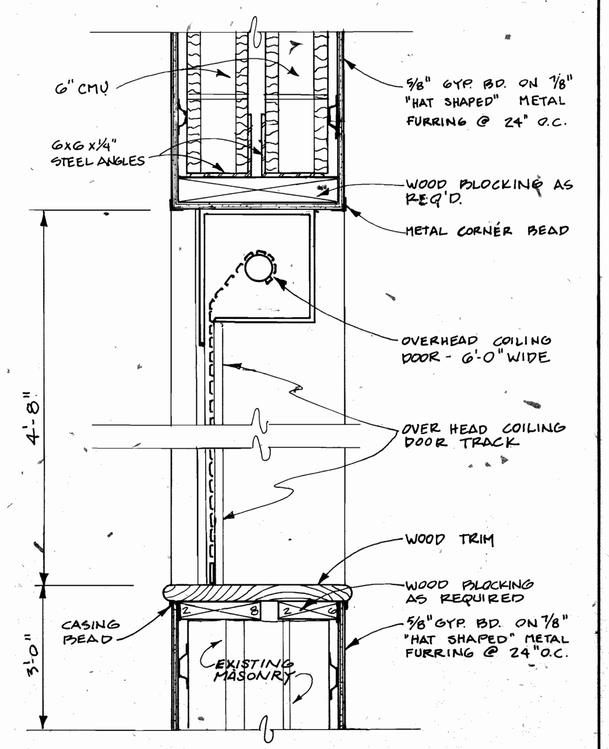

## DETAIL

(G / 3 6) SCALE: 3" = 1'-0"



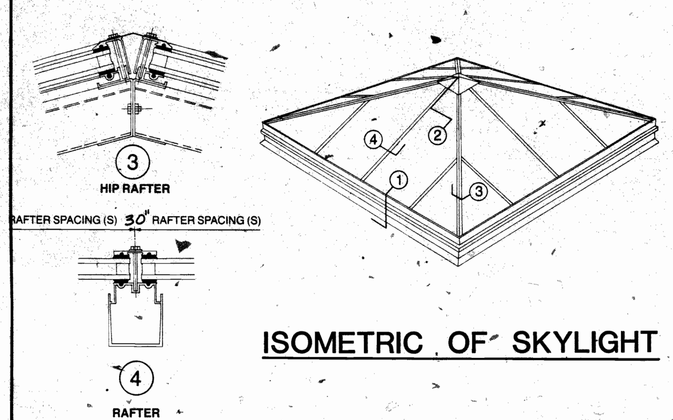

## DETAIL

(J / 3 6) SCALE: 1 1/2" = 1'-0"




## DETAIL

(H / 3 6) SCALE: 1 1/2" 1'-0"




## ISOMETRIC OF SKYLIGHT

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| | REVISIONS | | |

PWO DRAWING NO.

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DATE 23 MARCH 84

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
**MARINE CORPS LOGISTICS BASE**
ALBANY GEORGIA

ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

# BUILDING SECTION & MISC. DETAILS

APPROVED LT C E CUTTS INCHOY
PUBLIC WORKS OFFICER

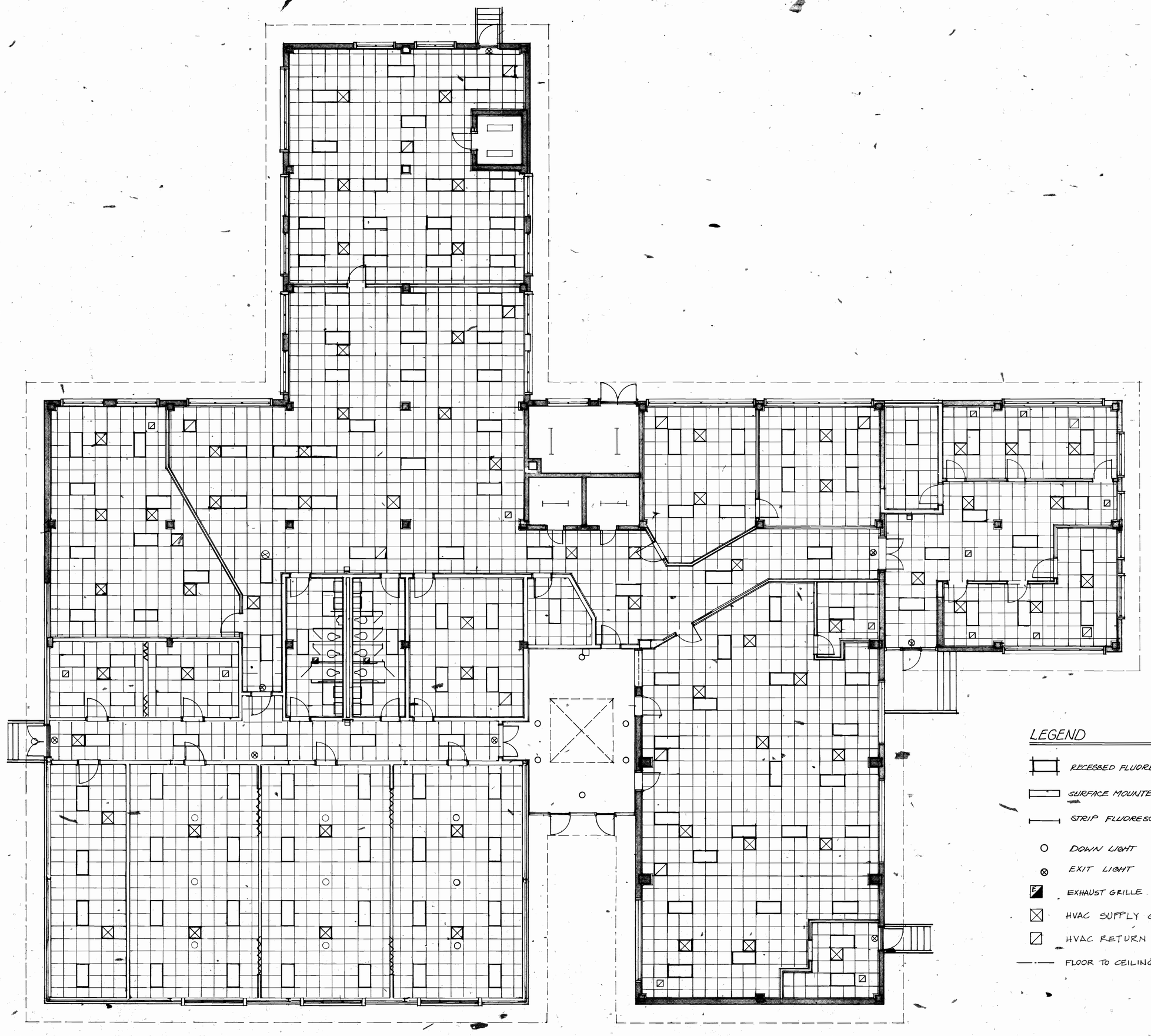
APPROVED

DATE

SCALE AS SHOWN SPEC. 06-83-3817

SHEET 6 OF 17

NAVFAC DWG. NO. 5119170



LEGEND

- RECESSED FLUORESCENT
- SURFACE MOUNTED FLUORESCENT
- STRIP FLUORESCENT
- DOWN LIGHT
- EXIT LIGHT
- EXHAUST GRILLE
- HVAC SUPPLY GRILLE
- HVAC RETURN GRILLE
- FLOOR TO CEILING PARTITION SYSTEM

# REFLECTED CEILING PLAN

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

| SYMBOL | DESCRIPTION REVISIONS | DATE | APPROVAL |
|---|---|---|---|
| | | | |

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS LOGISTICS BASE
ALBANY GEORGIA

ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

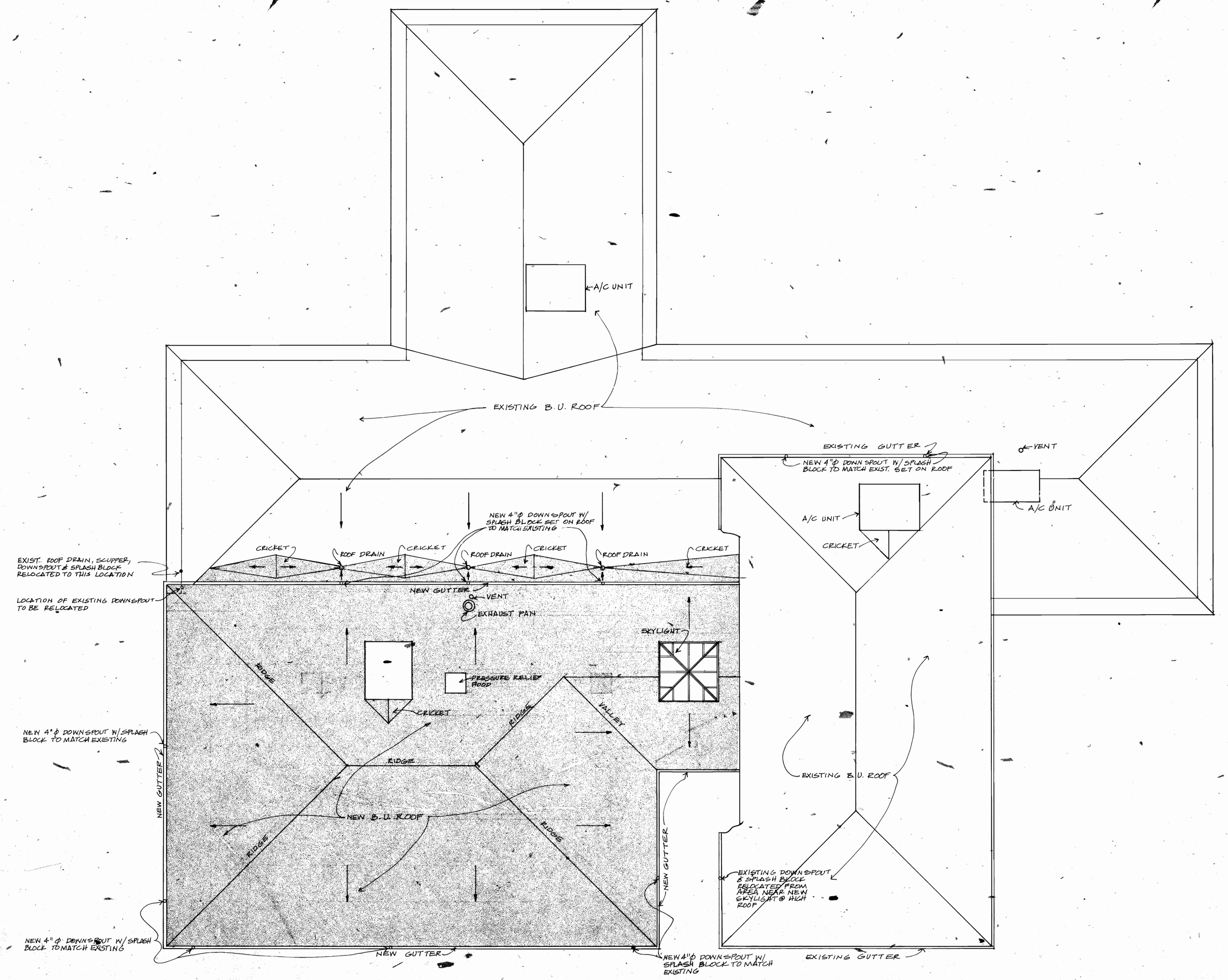
REFLECTED CEILING PLAN

| | |
|---|---|
| DESIGNED | |
| DRAWN | DWM |
| CHECKED | FMW |
| CH ENGR | |
| DATE | 23 MARCH 84 |

APPROVED _____ DATE 17 DEC 84
PUBLIC WORKS OFFICER

APPROVED _____
DATE _____

SCALE AS SHOWN SPEC. 06-83-3817
SHEET 7 OF 17
NAVFAC DWG. NO. 5119171




# ROOF PLAN

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

NORTH

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| | REVISIONS | | |

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**MARINE CORPS LOGISTICS BASE**
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DATE 23 MARCH 84

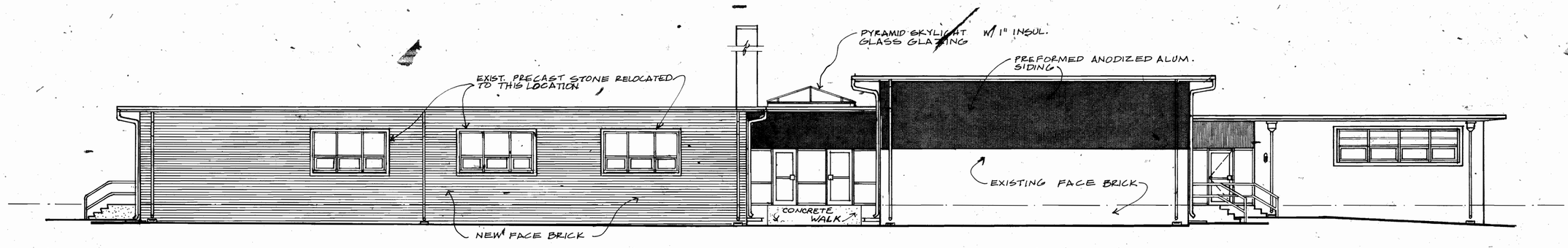
ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

**ROOF PLAN**

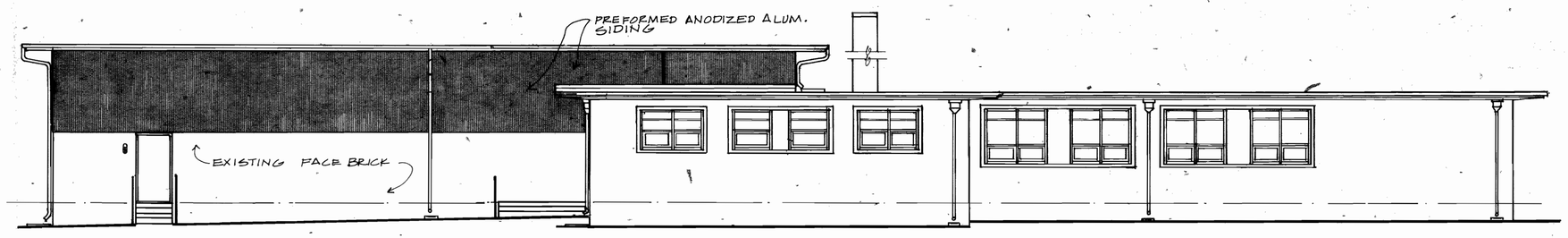
APPROVED LT CEC USN DATE 1 NOV 84
PUBLIC WORKS OFFICER

APPROVED
DATE

SCALE AS SHOWN
SPEC 06-83-3817
SHEET 8 OF 17
NAVFAC DWG. NO. 5119172

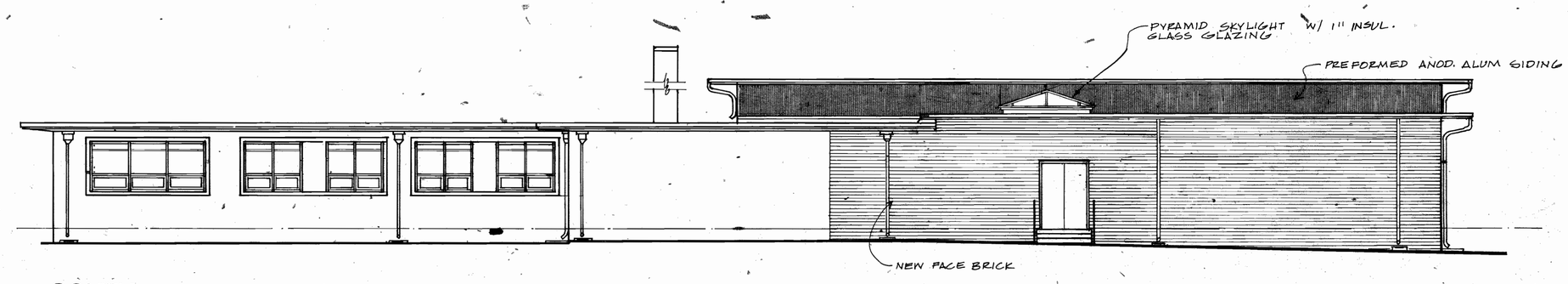



EAST




NORTH

WEST




SOUTH

# EXTERIOR ELEVATIONS

SCALE: 1/8" 1'-0"

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| | REVISIONS | | |

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DESIGNED

DRAWN PWM, LMP

CHECKED FMW

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DATE 23 MARCH 84

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

MARINE CORPS LOGISTICS BASE

ALBANY GEORGIA

ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

EXTERIOR ELEVATIONS

APPROVED _____ DATE 1 NOV 84

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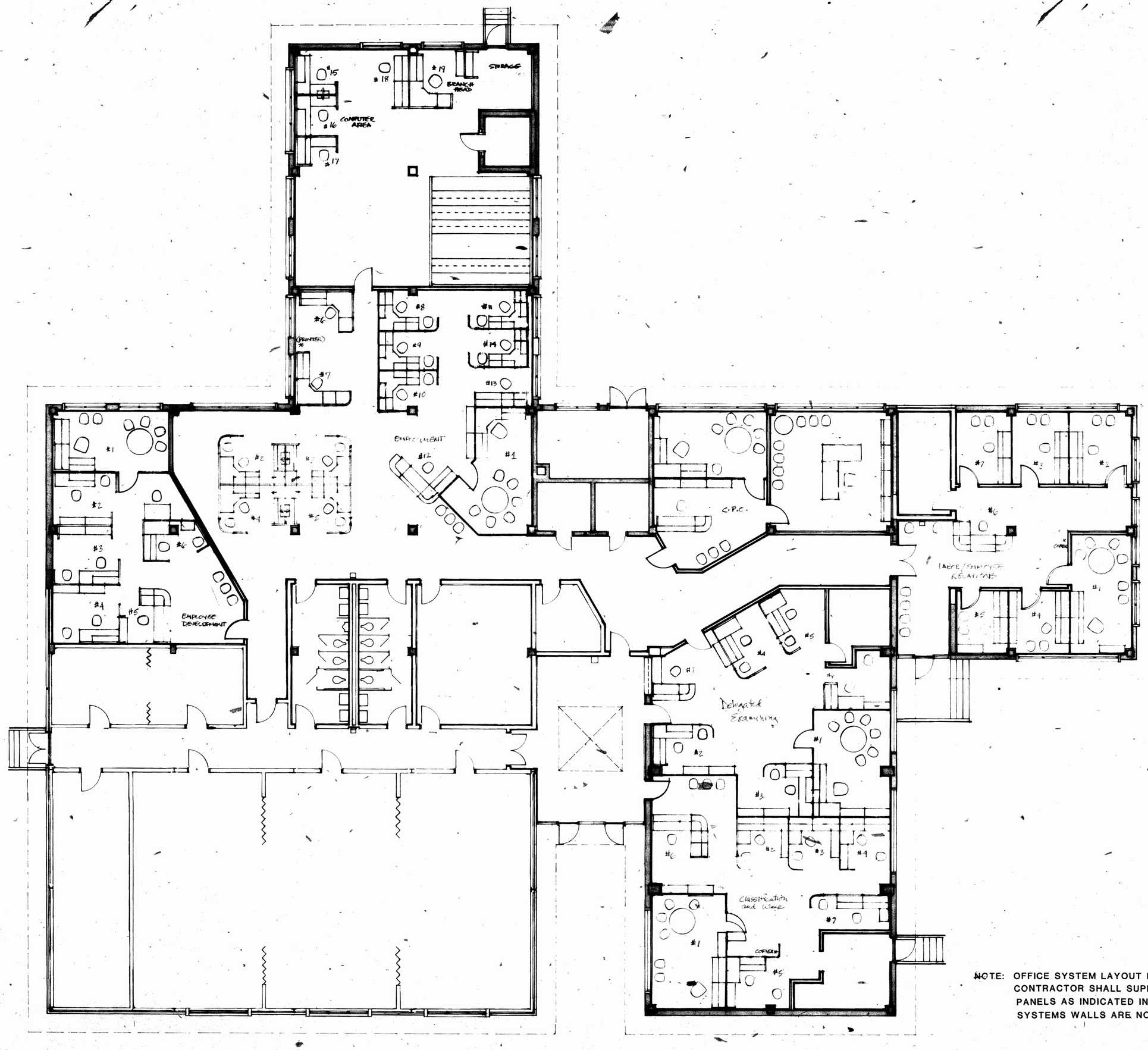
APPROVED _____

DATE _____

SCALE AS SHOWN SPEC. 06-83-3817

SHEET 9 OF 17

NAVFAC DWG. NO. 5119173




NOTE: OFFICE SYSTEM LAYOUT IS INCLUDED FOR REFERENCE ONLY. CONTRACTOR SHALL SUPPLY UTILITY CONNECTIONS TO SYSTEM PANELS AS INDICATED IN DRAWINGS. FURNITURE AND LOW SYSTEMS WALLS ARE NOT A PART OF THIS CONTRACT.

# PROPOSED OFFICE SYSTEM LAYOUT (N.I.C.)

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

| SYMBOL | DESCRIPTION REVISIONS | DATE | APPROVAL |
|---|---|---|---|
| | | | |

PWO DRAWING NO.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
**MARINE CORPS LOGISTICS BASE**
ALBANY GEORGIA

DESIGNED
DRAWN
CHECKED
CH. ENGR.
DATE 23 MARCH 84

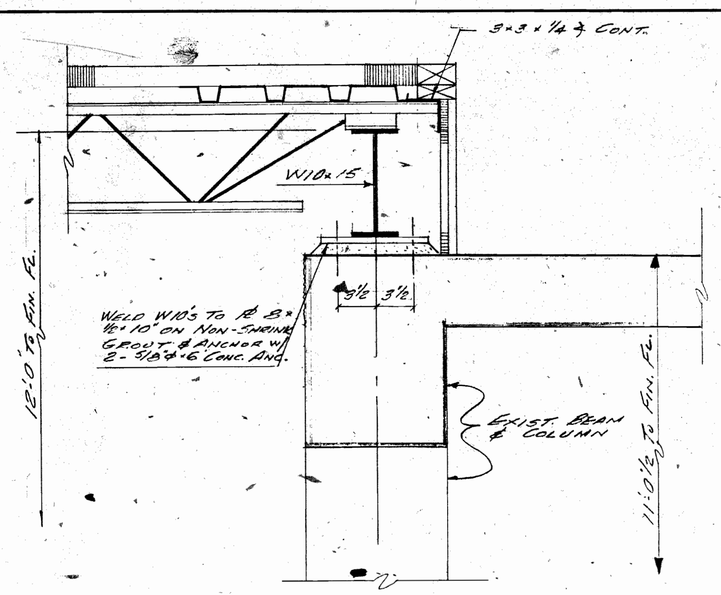
ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

**PROPOSED OFFICE SYSTEM LAYOUT (N.I.C.)**

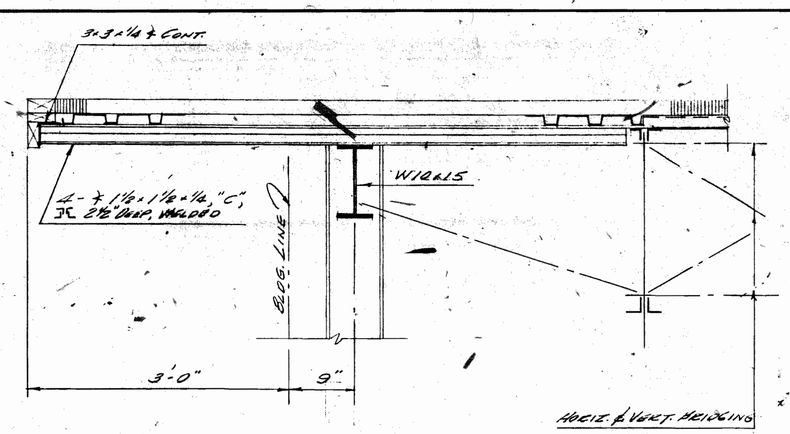
APPROVED _____ DATE 1 NOV 84
PUBLIC WORKS OFFICER

APPROVED _____
DATE _____

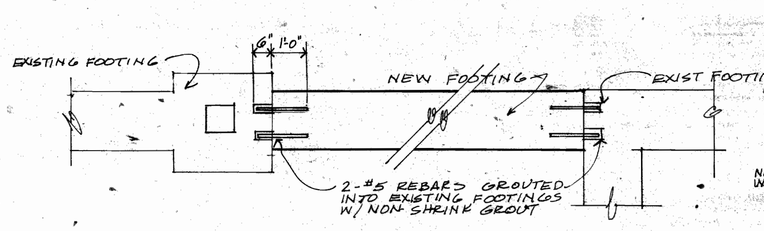
SCALE AS SHOWN SPEC. 06-83-3817
SHEET 10 OF 17
NAVFAC DWG. NO. 5 119 174



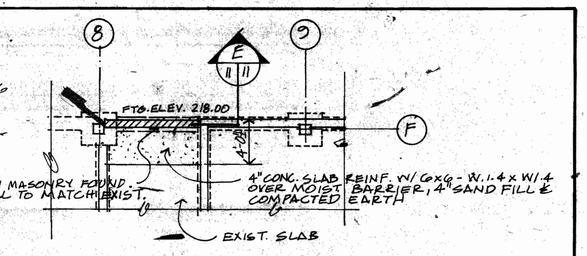

A **SECTION**
SCALE: 1 1/2" = 1'-0"



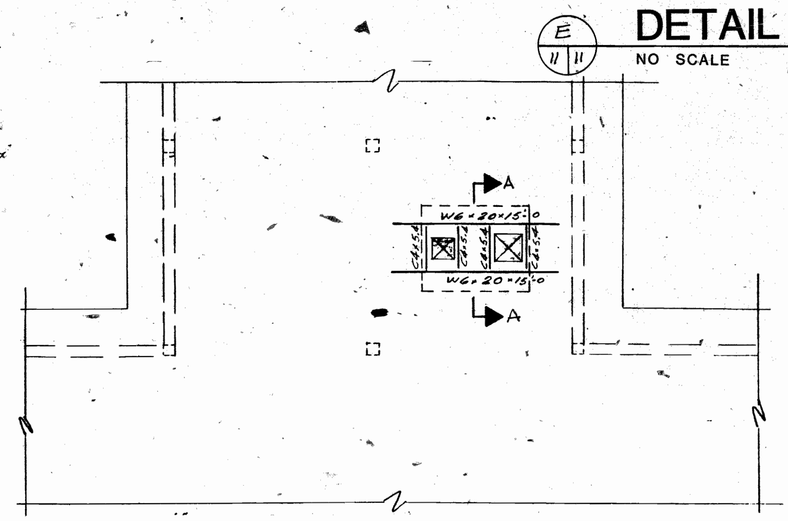

B **SECTION**
SCALE: 1"=1'-0"



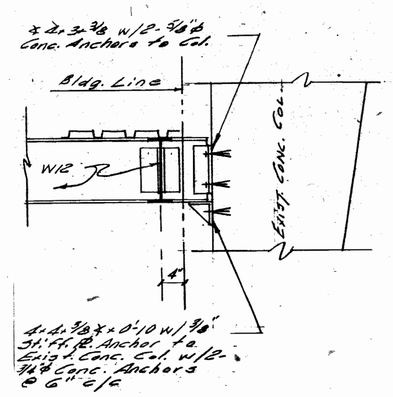

E **DETAIL**
NO SCALE



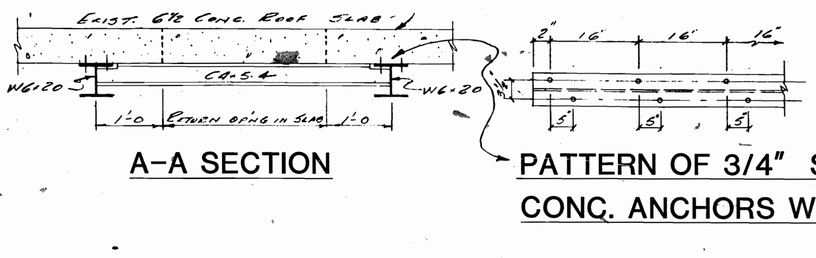

**FOOTING PLAN**
SCALE: 1/8" 1'-0"




**TYP. FRAMING FOR HVAC UNITS**
NO SCALE

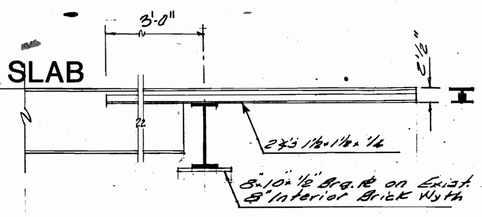



C **SECTION**
SCALE: 3/4" = 1'-0"

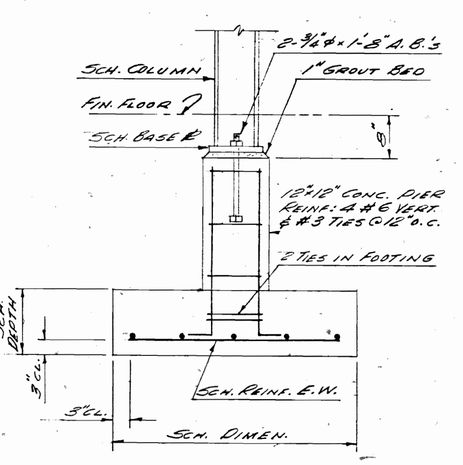



A-A SECTION

PATTERN OF 3/4" SELF-DRILLING CONC. ANCHORS W6x20TO EXIST. SLAB




D **SECTION**
SCALE: 3/4" = 1'-0"




**TYPICAL PIER & FOOTING DETAIL**
SCALE: 3/4"=1'-0"

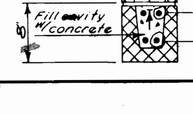
| SCHEDULE OF STEEL LINTELS FOR BRICKWORK | | |
|---|---|---|
| SPAN | EACH 4" OF WALL THICKNESS | REMARKS |
| Up to 2'-0" | 1 - 3½ x ⅜" Flat Bar | |
| 2'-0" to 5'-0" | 1 - 3½ x 3½ x 5/16 L | |
| 5'-0" to 6'-0" | 1 - 4 x 3½ x 5/16 L (L.L.V.) | |
| 6'-0" to 7'-0" | 1 - 5 x 3½ x 5/16 L (L.L.V.) | |
| 7'-0" to 8'-0" | 1 - 5 x 3½ x ⅜ L (L.L.V.) | |
| 8'-0" to 9'-0" | 1 - 6 x 3½ x ⅜ L (L.L.V.) | |

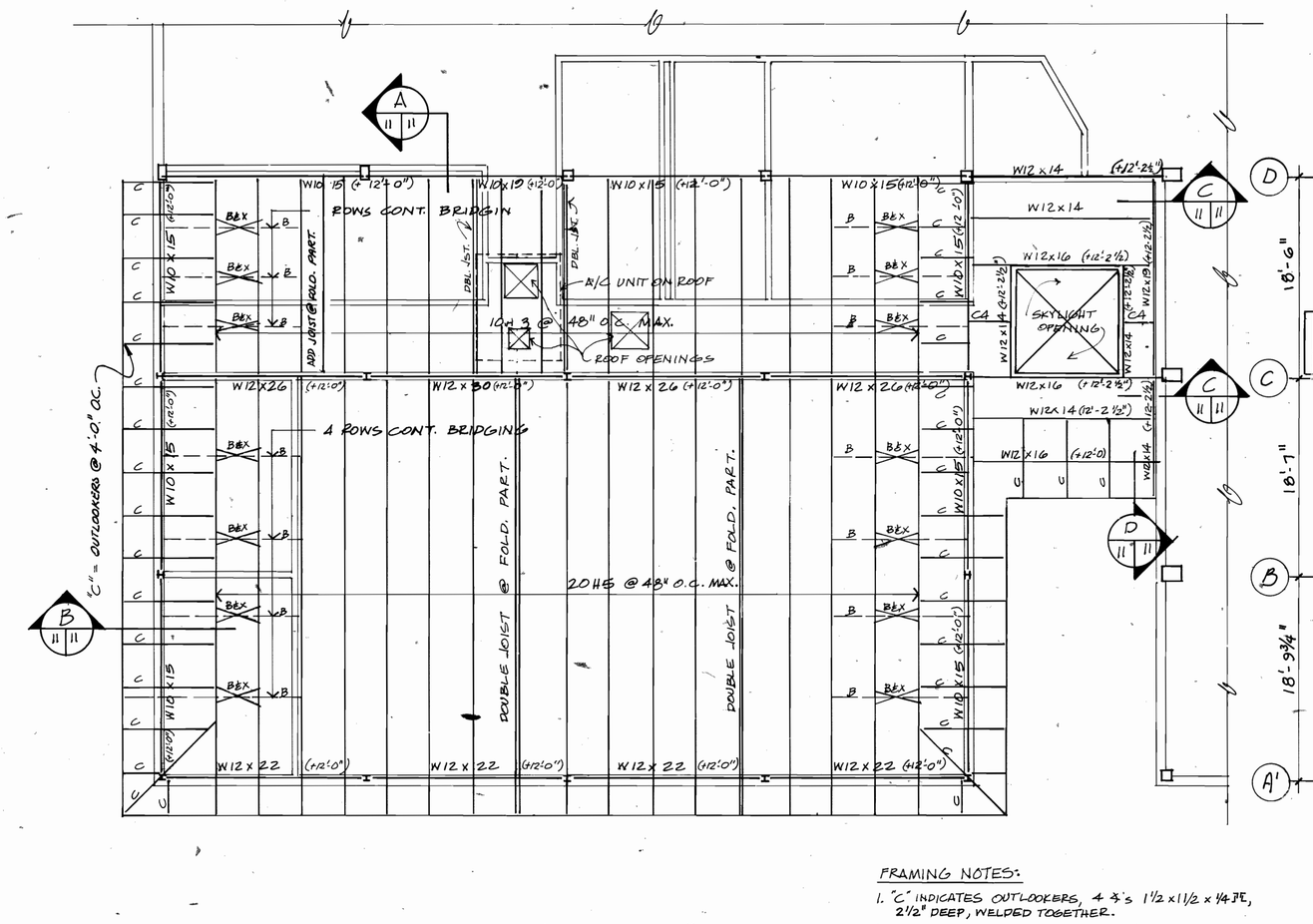
NOTE: End bearing at each end of steel lintels shall be 1" per foot of span but not less than 4".

| SCHEDULE OF CONCRETE MASONRY LINTELS | | | | |
|---|---|---|---|---|
| SPAN | DEPTH | REINFORCING | | |
| | | 6" WALL | 8" WALL | 12" WALL |
| Up to 4'-0" | 8" | 1 #5 Top & Bot. | 2 #4 Top & Bot. | 2 #5 Top & Bot. |
| 4'-0" to 5'-0" | 8" | 1 #6 Top & Bot. | 2 #5 Top & Bot. | 2 #6 Top & Bot. |
| 5'-0" to 8'-0" | 16" | 1 #6 Top & Bot. | 2 #5 Top & Bot. | 2 #6 Top & Bot. |
| 8'-0" to 10'-0" | 16" | 1 #7 Top & Bot. | 2 #6 Top & Bot. | 2 #7 Top & Bot. |

NOTE: Where concrete masonry lintels bear on masonry, provide 8" minimum end bearing each end.

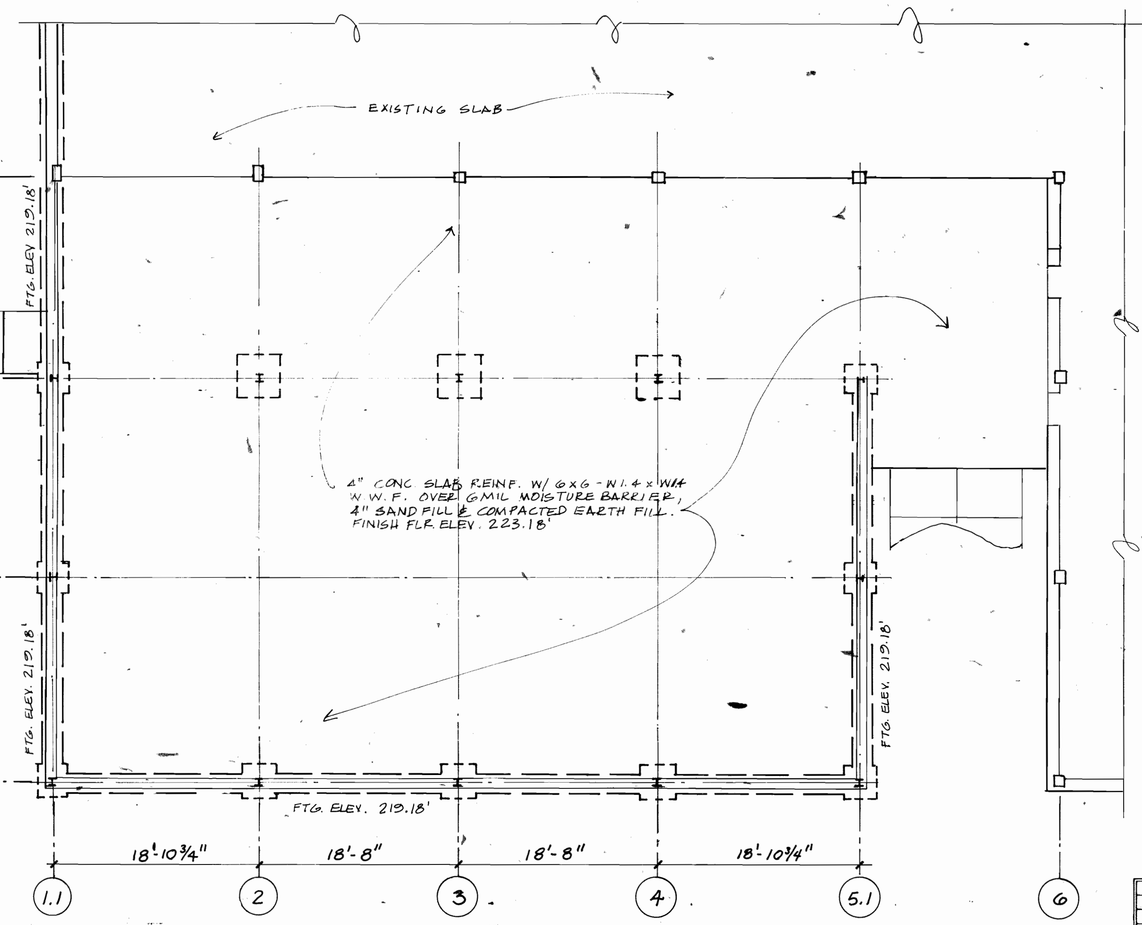
NOTE: "16" Concrete Masonry Lintel similar except fill 8" concrete block above with mortar & break away top part of web to allow top bars to pass continuous.




**ROOF FRAMING PLAN**
SCALE: 1/8" = 1'-0"

FRAMING NOTES:
1. "C" INDICATES OUTLOOKERS, 4 ℄'s 1½ x 1½ x ¼ ∠, 2½" DEEP, WELDED TOGETHER.
2. "B" INDICATES CONTINUOUS HORIZ. BRIDGING TOP & BOTTOM CHORDS : ℄ 1x1x⅛.
3. "X" INDICATES VERTICAL X - BRIDGING BETWEEN JOISTS : ℄ 1x1x⅛.




**FOUNDATION PLAN**
SCALE: 1/8"=1'-0"

| SCHEDULE OF COLUMNS & FOOTINGS | | | | |
|---|---|---|---|---|
| | A-1.1 & 5.1<br>G-1.1 & 5.1 | A'-2, 3 & 4 | B-1.1 & 5.1 | C-2, 3 & 4 |
| COLUMN | W8-18 | W8-24 | W8-18 | W8-24 |
| BASE ℄ | 8'-8"±½" | 8'-8"±¼" | 8"-8"±½" | 8'-8"±¼" |
| FTG. SIZE | 8'-0"±12" | 9'-2"±12" | 3'-0"±12" | 3'-2"±12" |
| FTG. REINF. | 4 #3 E.W. | 4 #4 E.W. | 4 #3 E.W. | 5 #4 E.W. |

| | | | |
|---|---|---|---|
| SYMBOL | DESCRIPTION | DATE | APPROVAL |
| | REVISIONS | | |

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
**MARINE CORPS LOGISTICS BASE**
ALBANY GEORGIA

DESIGNED
DRAWN
CHECKED
CH. ENGR
DATE 23 MARCH 84

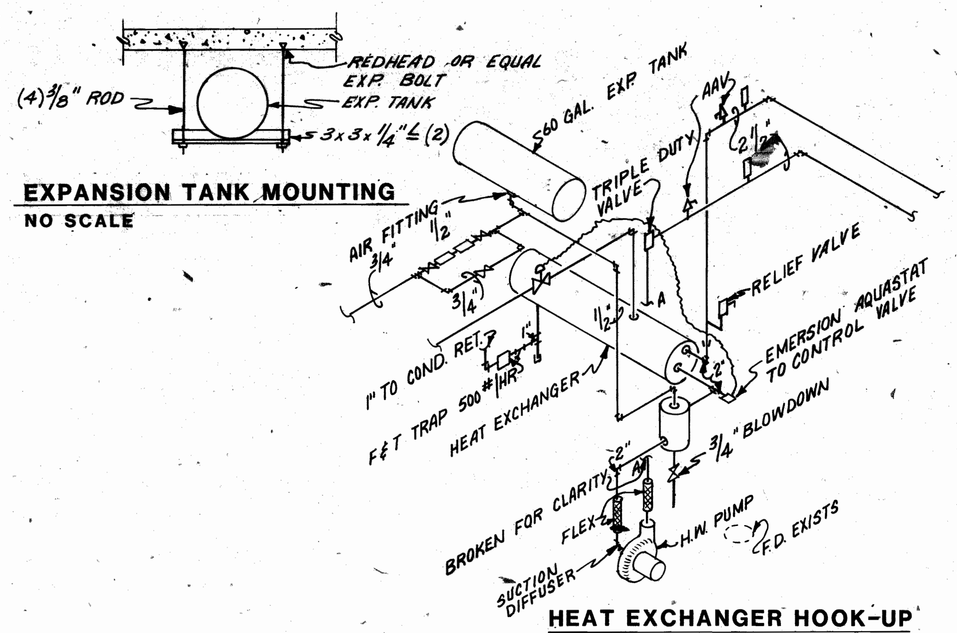
ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

# ROOF FRAMING & FOUND. PLAN

APPROVED _____ DATE 1 NOV 84
LT CEC USN
PUBLIC WORKS OFFICER

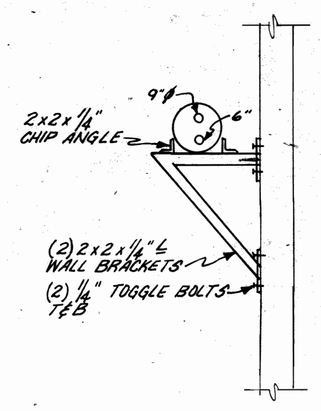
APPROVED _____
DATE _____

SCALE AS SHOWN SPEC. 06-83-3817
SHEET 11 OF 17
NAVFAC DWG. NO. 5 119 175




**EXPANSION TANK MOUNTING**
NO SCALE

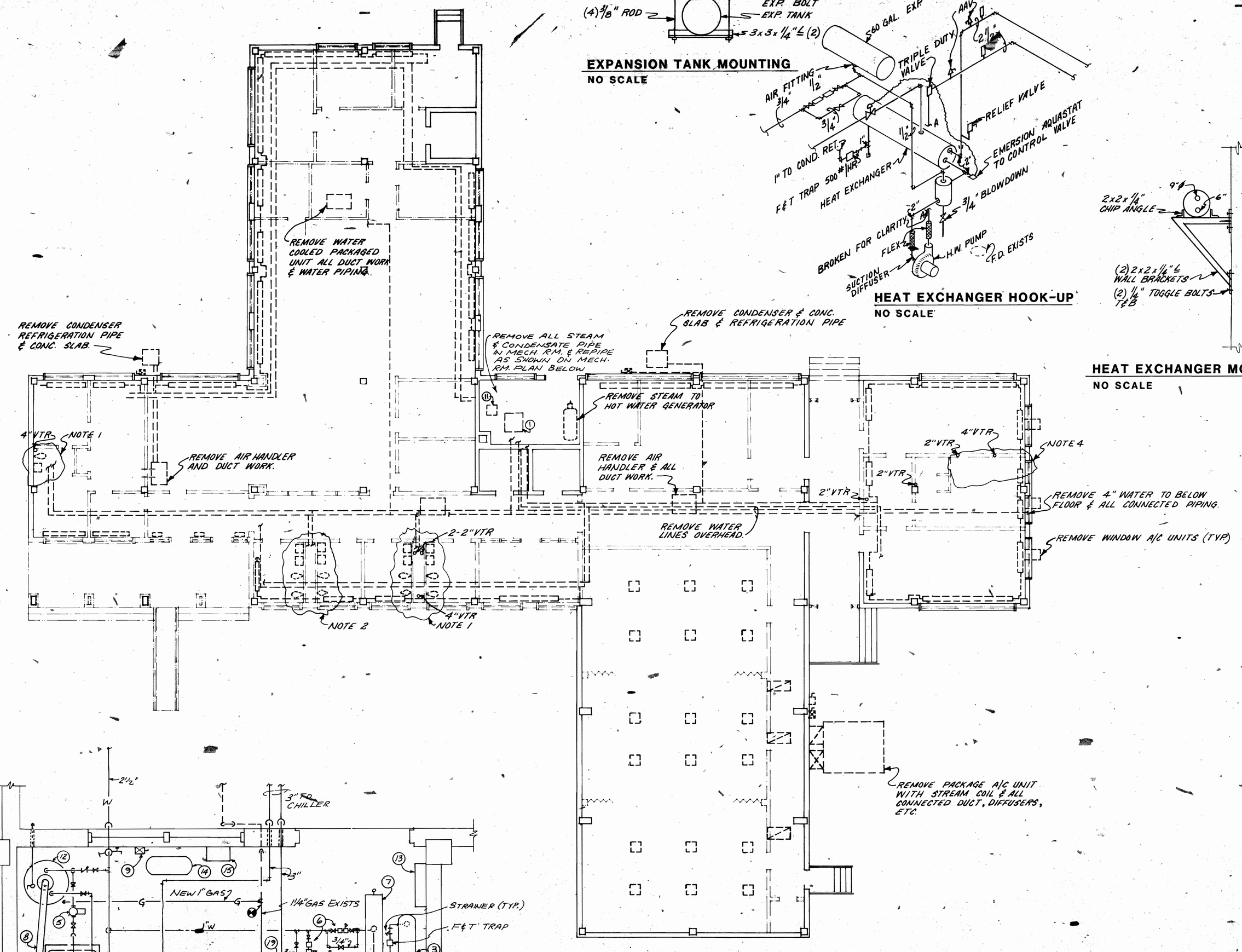
**HEAT EXCHANGER HOOK-UP**
NO SCALE

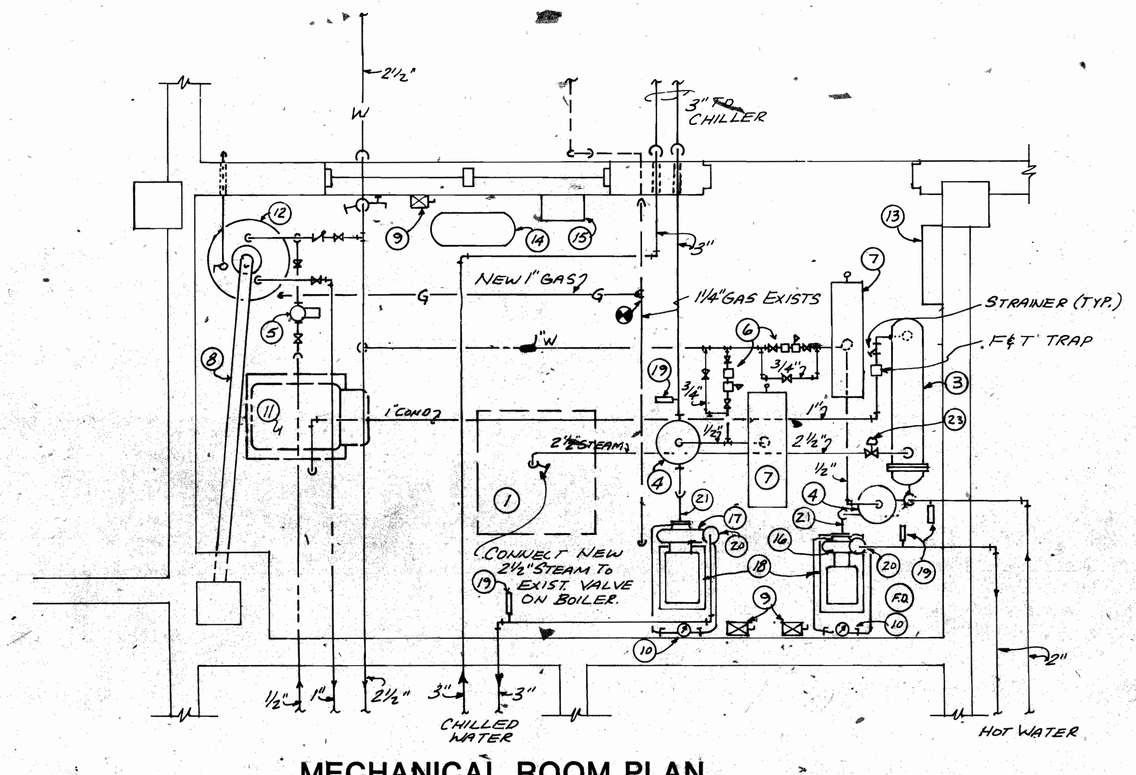



**HEAT EXCHANGER MOUNTING**
NO SCALE

## MECHANICAL LEGEND

| SYM | DESCRIPTION |
|---|---|
| | RETURN OR EXHAUST DUCT IN SECTION (RISE); DASHED (DROP) |
| | SUPPLY DUCT IN SECTION (RISE); DASHED (DROP) |
| T | THERMOSTAT; MOUNT AT 5'-0" AFF |
| | NEW SANITARY PIPING |
| | EXISTING WORK TO REMAIN IN USE |
| | EXISTING WORK TO BE REMOVED. |
| E.R. | EXHAUST REGISTER |
| R.A.R | RETURN AIR REGISTER. |
| F.R. | FINNED RADIATOR. |
| AHU | AIR HANDLING UNIT; MOUNTED ON ROOF (TYPICAL) |
| CFM | CUBIC FEET PER MINUTE (CFM) |
| DD/OO | INSIDE DUCT DIMENSION; FIRST FIGURE IS SIDE SHOWN |
| A.F.F | ABOVE FINISHED FLOOR |
| T.V. | TURNING VANES |
| | OPPOSED BLADE DAMPER. |
| | PIPE DROP. |
| | PIPE RISE |
| CLG | CEILING |
| CONC. | CONCRETE |
| | DOMESTIC COLD WATER (NEW) |
| | DOMESTIC HOT WATER (NEW) |
| | DOMESTIC HOT WATER RETURN (NEW) |
| H.B | HOSE BIBB |
| A.A.V | AUTOMATIC AIR VENT; PIPE TO FLOOR DRAIN OR OUTSIDE |
| T.G. | TRANSFER GRILLE |
| F.D.R | FIRE DAMPER. |
| | |
| | |

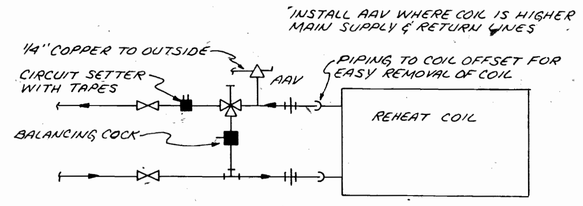



**MECHANICAL ROOM PLAN**
SCALE 1/2"=1'-0"

# HVAC DEMOLITION PLAN

SCALE: 1/8" 1'-0"



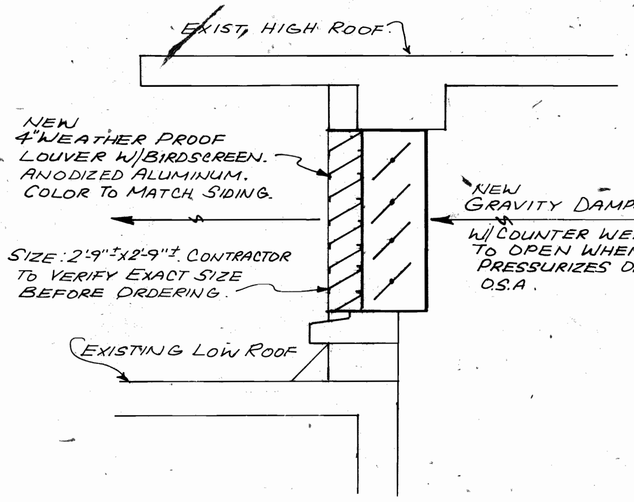

**REHEAT COIL HOOK-UP**
N. T. S.

PLUMBING NOTES

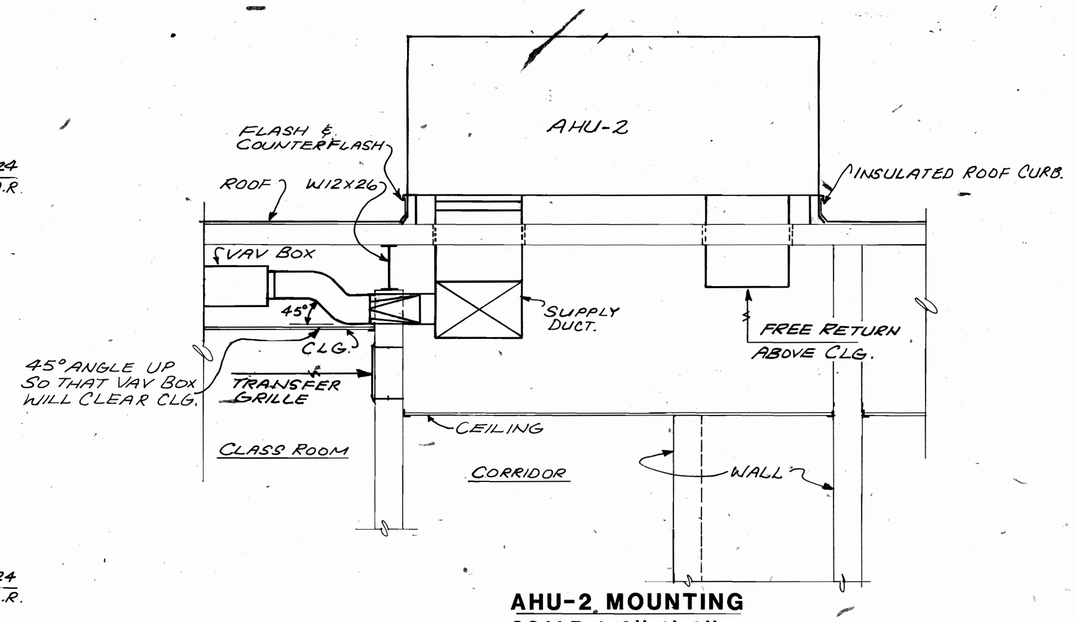
1. REMOVE EXISTING PLUMBING FIXTURES AND CUT OFF VENTS & STACKS TO BELOW FLOOR. PATCH FLOOR AT W.C.'S. VENTS, FLOOR DRAINS WITH CONCRETE TO FINISHED FLOOR LEVEL.
2. REMOVE EXISTING PLUMBING FIXTURES, BREAK OUT FLOOR, REMOVE EXISTING SANITARY PIPE & INSTALL NEW SANITARY PIPE AS DETAILED ON SHEET
3. PATCH ALL VENT THRU ROOF DECK HOLES WITH CONCRETE MORTAR AND PATCH ROOF, WHERE VENTS ARE REMOVED.
4. REMOVE ALL SANITARY TO BELOW FLOOR & PATCH FLOOR TO LEVEL WITH CONCRETE.

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| | REVISIONS | | |

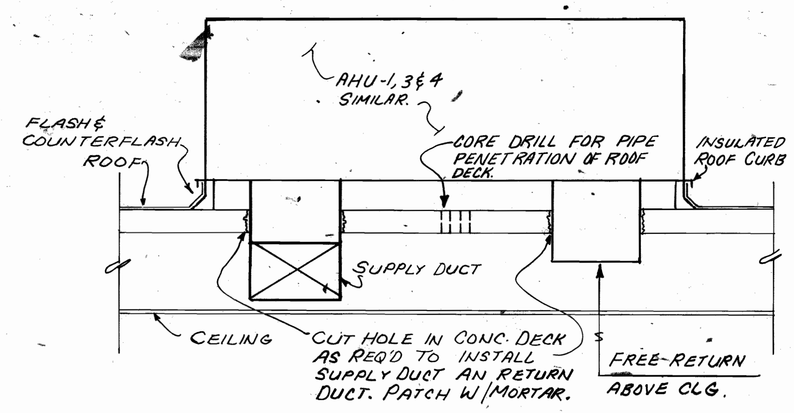
| | |
|---|---|
| PWD DRAWING NO. | DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND<br>MARINE CORPS LOGISTICS BASE<br>ALBANY GEORGIA |
| DESIGNED | ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010 |
| DRAWN | |
| CHECKED TMD | HVAC DEMOLITION PLAN |
| CH. ENGR | |
| DATE 23 MARCH 84 | |
| | APPROVED LT CEC USN PUBLIC WORKS OFFICER DATE 1 NOV 84 |
| APPROVED | SCALE AS SHOWN SPEC. 06-83-3817 |
| DATE | SHEET 12 OF 17 |
| | NAVFAC DWG. NO. 5119176 |



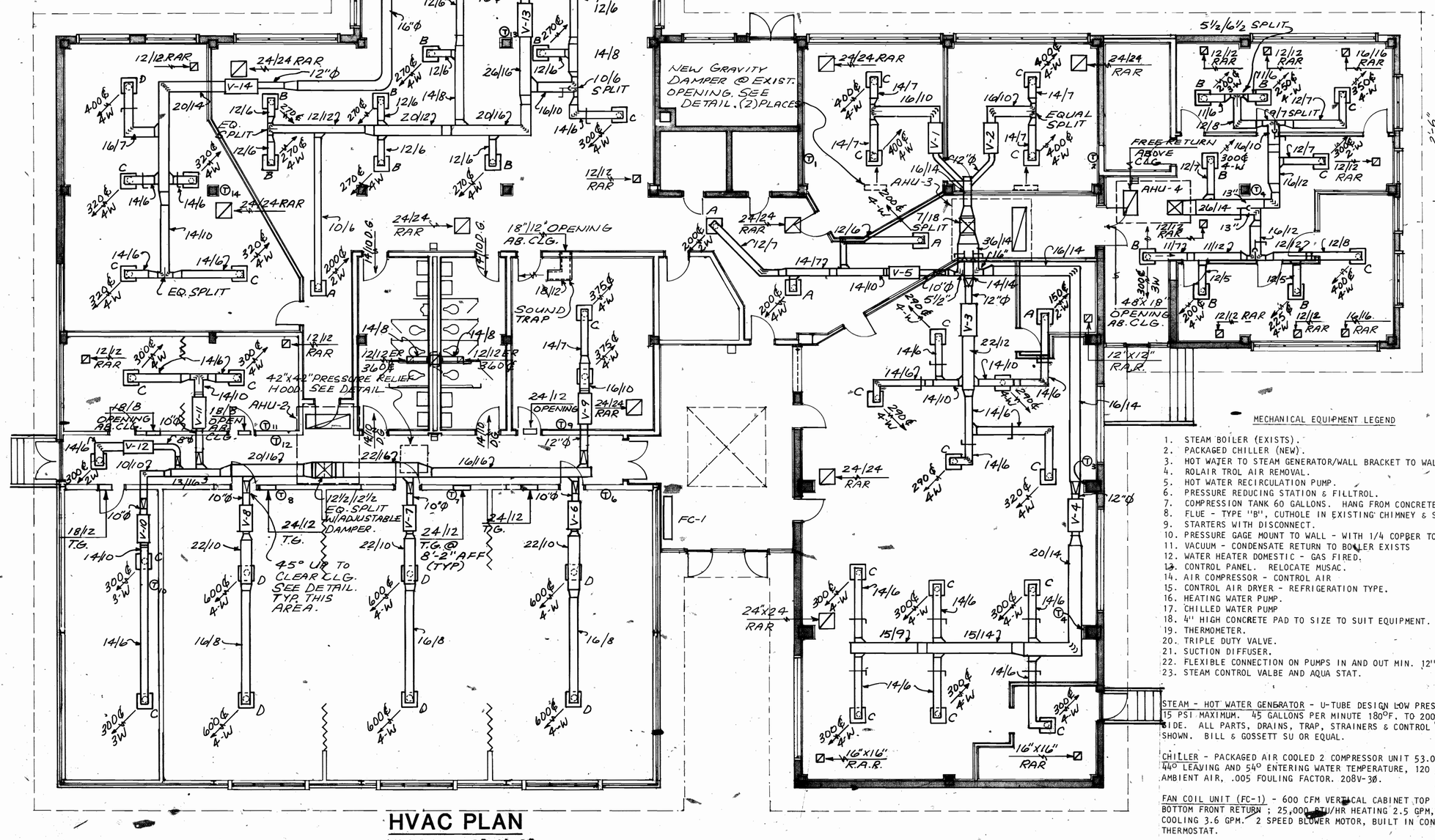

**GRAVITY DAMPER INSTALLATION**
SCALE 3/4"=1'-0"



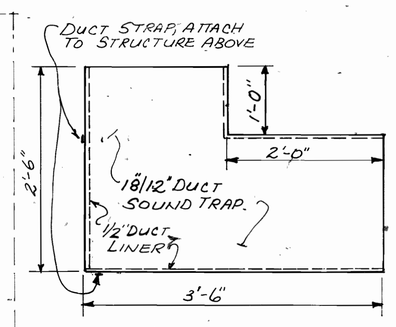

**AHU-2 MOUNTING**
SCALE 1/2"=1'-0"



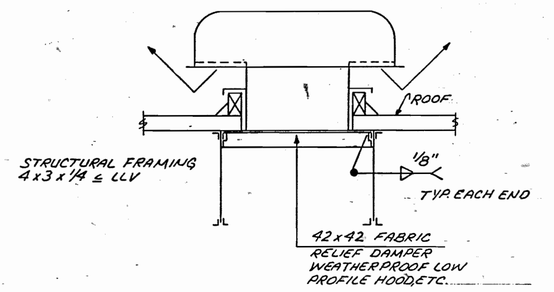

**AHU-1,3 & 4 MOUNTING**
SCALE 1/2"=1'-0"




**HVAC PLAN**
SCALE 1/8"=1'-0"




**SOUND TRAP DETAIL**
NO SCALE




**PRESSURE RELIEF HOOD**
N. T. S.

**DIFFUSER SCHEDULE**

A - 8 x 8 OR 8"Ø N.S.
B - 10 x 10 OR 10"Ø N.S.
C - 12 x 12 OR 12"Ø N.S.
D - 15 x 15 OR 15"Ø N.S.

**MECHANICAL EQUIPMENT LEGEND**

1. STEAM BOILER (EXISTS).
2. PACKAGED CHILLER (NEW).
3. HOT WATER TO STEAM GENERATOR/WALL BRACKET TO WALL.
4. ROLAIR TROL AIR REMOVAL.
5. HOT WATER RECIRCULATION PUMP.
6. PRESSURE REDUCING STATION & FILLTROL.
7. COMPRESSION TANK 60 GALLONS. HANG FROM CONCRETE DECK.
8. FLUE - TYPE "B", CUTHOLE IN EXISTING CHIMNEY & SEAL.
9. STARTERS WITH DISCONNECT.
10. PRESSURE GAGE MOUNT TO WALL - WITH 1/4 COPPER TO TAPS.
11. VACUUM - CONDENSATE RETURN TO BOILER EXISTS
12. WATER HEATER DOMESTIC - GAS FIRED.
13. CONTROL PANEL. RELOCATE MUSAC.
14. AIR COMPRESSOR - CONTROL AIR
15. CONTROL AIR DRYER - REFRIGERATION TYPE.
16. HEATING WATER PUMP.
17. CHILLED WATER PUMP
18. 4" HIGH CONCRETE PAD TO SIZE TO SUIT EQUIPMENT.
19. THERMOMETER.
20. TRIPLE DUTY VALVE.
21. SUCTION DIFFUSER.
22. FLEXIBLE CONNECTION ON PUMPS IN AND OUT MIN. 12" LONG.
23. STEAM CONTROL VALBE AND AQUA STAT.

STEAM - HOT WATER GENERATOR - U-TUBE DESIGN LOW PRESSURE STEAM 15 PSI MAXIMUM. 45 GALLONS PER MINUTE 180°F. TO 200°F. WATER SIDE. ALL PARTS, DRAINS, TRAP, STRAINERS & CONTROL VALVE AS SHOWN. BILL & GOSSETT SU OR EQUAL.

CHILLER - PACKAGED AIR COOLED 2 COMPRESSOR UNIT 53.0 TONS AT 44° LEAVING AND 54° ENTERING WATER TEMPERATURE, 120 GPM, 95°F. AMBIENT AIR, .005 FOULING FACTOR. 208V-3Ø.

FAN COIL UNIT (FC-1) - 600 CFM VERTICAL CABINET TOP DISCHARGE, BOTTOM FRONT RETURN ; 25,000 BTU/HR HEATING 2.5 GPM, 18,000 BTU COOLING 3.6 GPM. 2 SPEED BLOWER MOTOR, BUILT IN CONTROLS, THERMOSTAT.

## VAV BOX SCHEDULE

| MARK | SIZE | COOLING CFM MAX | COOLING CFM MIN | HEATING CFM MAX | HEATING CFM MIN | BTU HEATING COIL | GPM | REMARKS |
|---|---|---|---|---|---|---|---|---|
| V-1 | 8 | 800 | 0 | 400 | 400 | 16,000 | 1.6 | |
| V-2 | 8 | 800 | 0 | 400 | 400 | 16,000 | 1.6 | |
| V-3 | 10 | 1340 | 0 | 670 | 670 | 26,000 | 2.7 | |
| V-4 | 12 | 1800 | 0 | 900 | 900 | 36,000 | 3.6 | |
| V-5 | 7 | 600 | 0 | 350 | 350 | 14,000 | 1.4 | |
| V-6 | 10 | 1200 | 0 | 600 | 600 | 24,000 | 2.4 | |
| V-7 | 10 | 1200 | 0 | 600 | 600 | 24,000 | 2.4 | |
| V-8 | 10 | 1200 | 0 | 600 | 600 | 24,000 | 2.4 | |
| V-9 | 8 | 750 | 0 | 375 | 375 | 15,000 | 1.5 | |
| V-10 | 7 | 600 | 0 | 350 | 350 | 14,000 | 1.4 | |
| V-11 | 7 | 600 | 0 | 300 | 300 | 12,000 | 1.2 | |
| V-12 | 5 | 300 | 0 | 200 | 200 | 8,000 | 0.8 | |
| V-13 | 16 | 3000 | 0 | 1500 | 1500 | 60,000 | 6.0 | |
| V-14 | 12 | 1700 | 0 | 850 | 850 | 34,000 | 3.4 | |
| V-15 | 14 | 2550 | 0 | 1300 | 1300 | 52,000 | 5.2 | |

NOTE: REDUCE SUPPLY DUCT SHOWN ON PLAN @ UNIT TO PROPER NECK SIZE.

## AIR HANDLING UNIT SCHEDULE

| SYM. | CFM | OS AIR | SP EXT. TO UNIT IN $H_2O$ | COOLING: MAX COIL FACE VEL FPM | COOLING: TOTAL SENSIBLE BTUH | COOLING: TOTAL BTUH | COOLING: ENTER'G AIR DB | COOLING: ENTER'G AIR WB | COOLING: LEAVG AIR DB | COOLING: LEAVG AIR WB | HEATING: ENTER'G AIR DB | HEATING: MAX COIL FACE VEL FPM | HEATING: HTG. INPUT BTUH | GPM | AVG. WATER TEMP. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AHU-1 | 7300 | 730 | 1.75 | 500 | 164,625 | 197,400 | 74.2 | 62.4 | 53.6 | 53.0 | 25 | — | 30,000 | 3.0 | 200°F | PREHEATER OSA |
| AHU-2 | 6500 | 650 | ~~1.75~~ | 500 | 150,500 | 190,700 | 74.2 | 62.9 | 53.6 | 53.0 | 25 | — | 25000 | 2.5 | 200°F | do OSA |
| AHU-3 | 6200 | 620 | 1.75 | 500 | 140,000 | 168,000 | 74.2 | 62.4 | 53.6 | 53.0 | 25 | — | 25000 | 2.5 | 200°F | do OSA |
| AHU-4 | 2700 | 270 | 1.75 | 500 | 60,200 | 72,000 | 74.2 | 62.4 | 53.6 | 53.0 | 70 | 500 | 96,500 | 9.2 | 200°F | HEATING COIL - FULL FACE |

## PUMP SCHEDULE

| PUMP NO | GPM | TOTAL HEAD IN FEET | SERVICE | SIZE | HP | VOLTAGE | RPM | REMARKS |
|---|---|---|---|---|---|---|---|---|
| 1 | 46.0 | 25 | HEATING WATER 210°MAX | 1½ AB | 1 | 208V-3Ø | 1750 | |
| 2 | 130.0 | 40 | CHILLED WATER PIPING | 2½ AB | 3 | 208V-3Ø | 1750 | |
| 3 | 7.0 | 7 | DOM. HOT WATER RECIRC. | 75 | 1/12 | 110V-1Ø | 1750 | OPERATE FROM AQUASTAT ON PIPE |

## EXHAUST FAN SCHEDULE

| FAN NO | AREA SERVED | TYPE | HP | CFM | SP IN WATER | REMARKS |
|---|---|---|---|---|---|---|
| EF-1 | TOILET/BANK. | CENTRIF. | 1/6 | 720 | ~~1/4~~" | |
| | | | | | | |
| | | | | | | |

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| | REVISIONS | | |

PWD DRAWING NO.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
**MARINE CORPS LOGISTICS BASE**
ALBANY GEORGIA

DESIGNED
DRAWN
CHECKED TMD
CH ENGR
DATE 23 MARCH 84

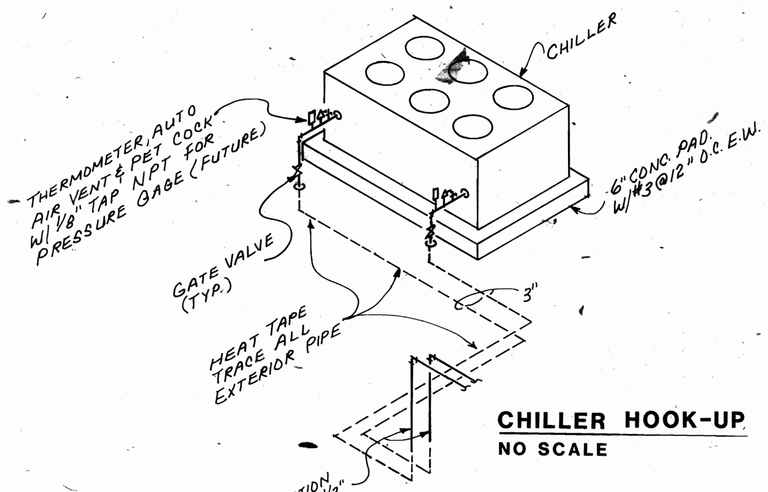
ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

# HVAC PLAN

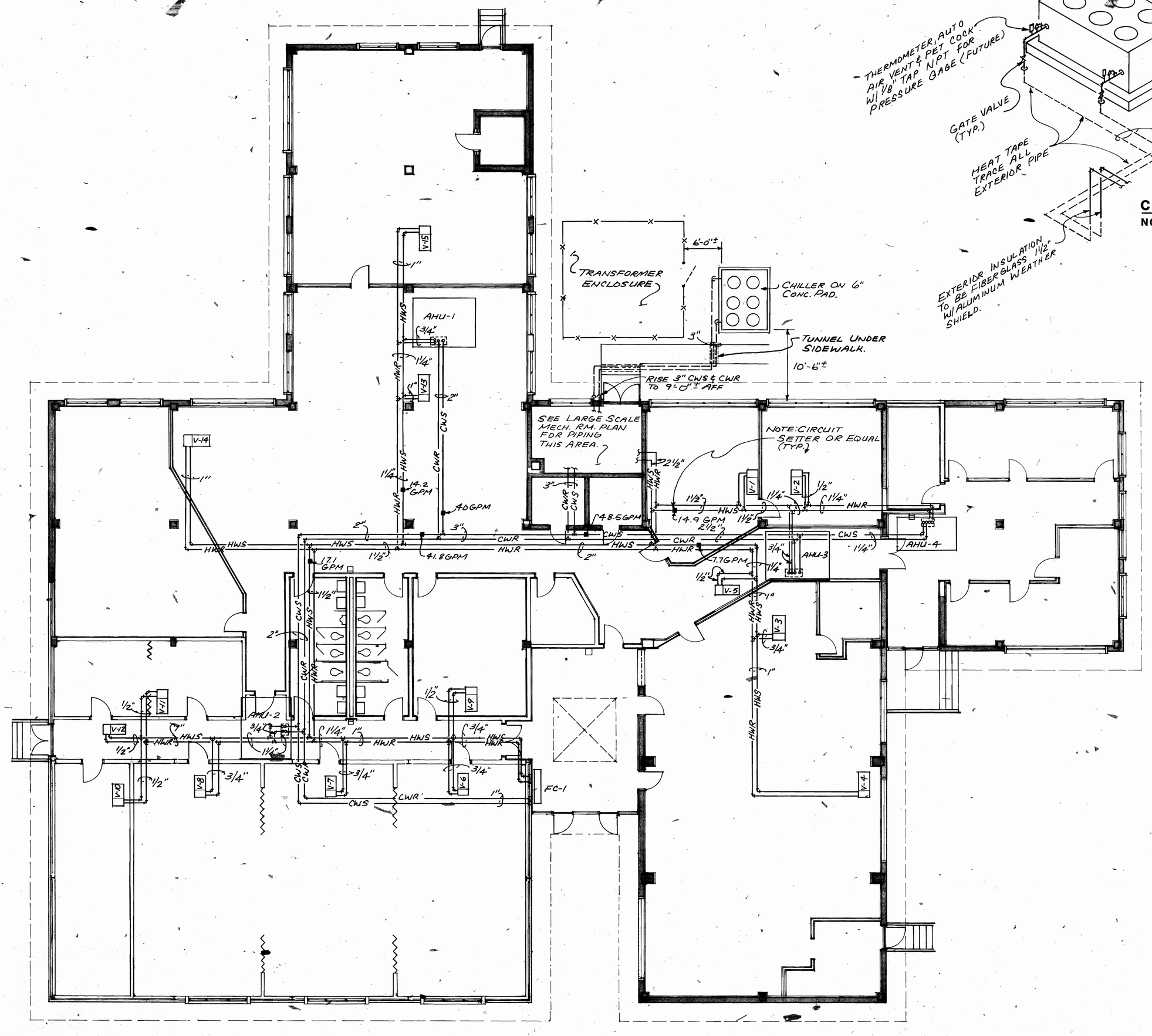
APPROVED [signature] LT.C.E.CUNIN DATE 1 NOV 84
PUBLIC WORKS OFFICER

APPROVED
DATE

SCALE AS SHOWN SPEC. 06-83-3817
SHEET 13 OF 17
NAVFAC DWG. NO. 5119177




**CHILLER HOOK-UP**
NO SCALE




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

| SYMBOL | DESCRIPTION REVISIONS | DATE | APPROVAL |
|---|---|---|---|
| | | | |

PWO DRAWING NO.

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
**MARINE CORPS LOGISTICS BASE**
ALBANY GEORGIA

ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

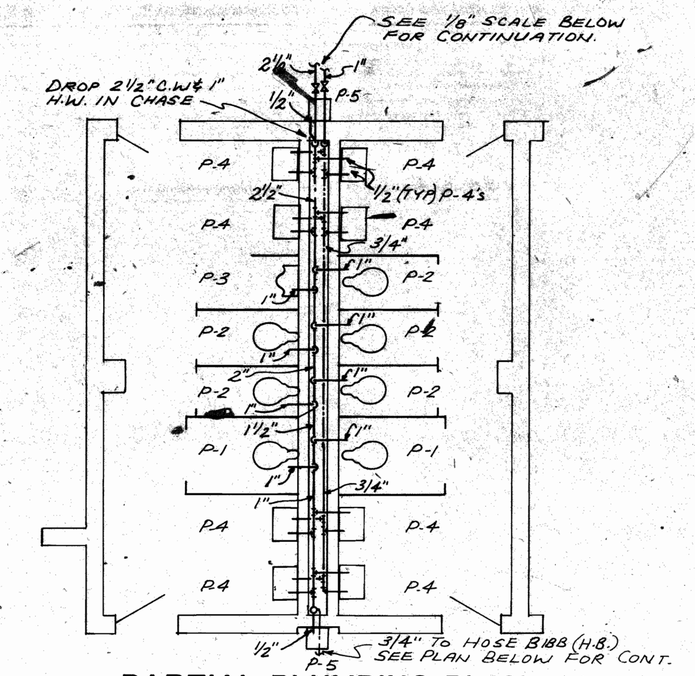
**HVAC PIPING PLAN**

DESIGNED
DRAWN
CHECKED TMD
CH. ENGR.
DATE 23 MARCH 84

APPROVED _____ DATE 7 NOV 84
PUBLIC WORKS OFFICER

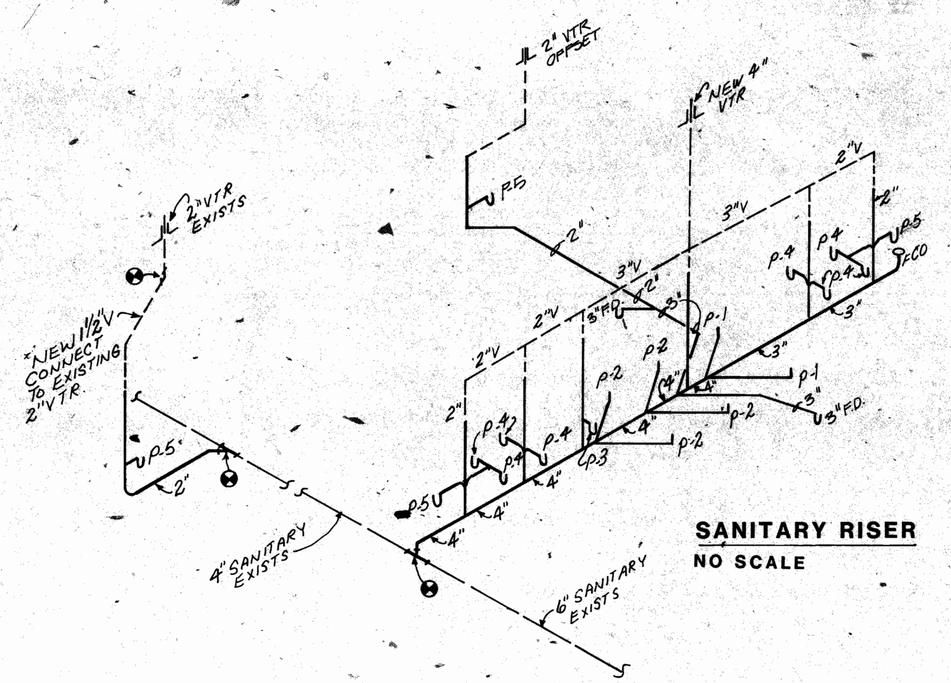
APPROVED _____
DATE _____

SCALE AS SHOWN
SPEC. 06-83-3817
SHEET 14 OF 17
NAVFAC DWG. NO. 5119178



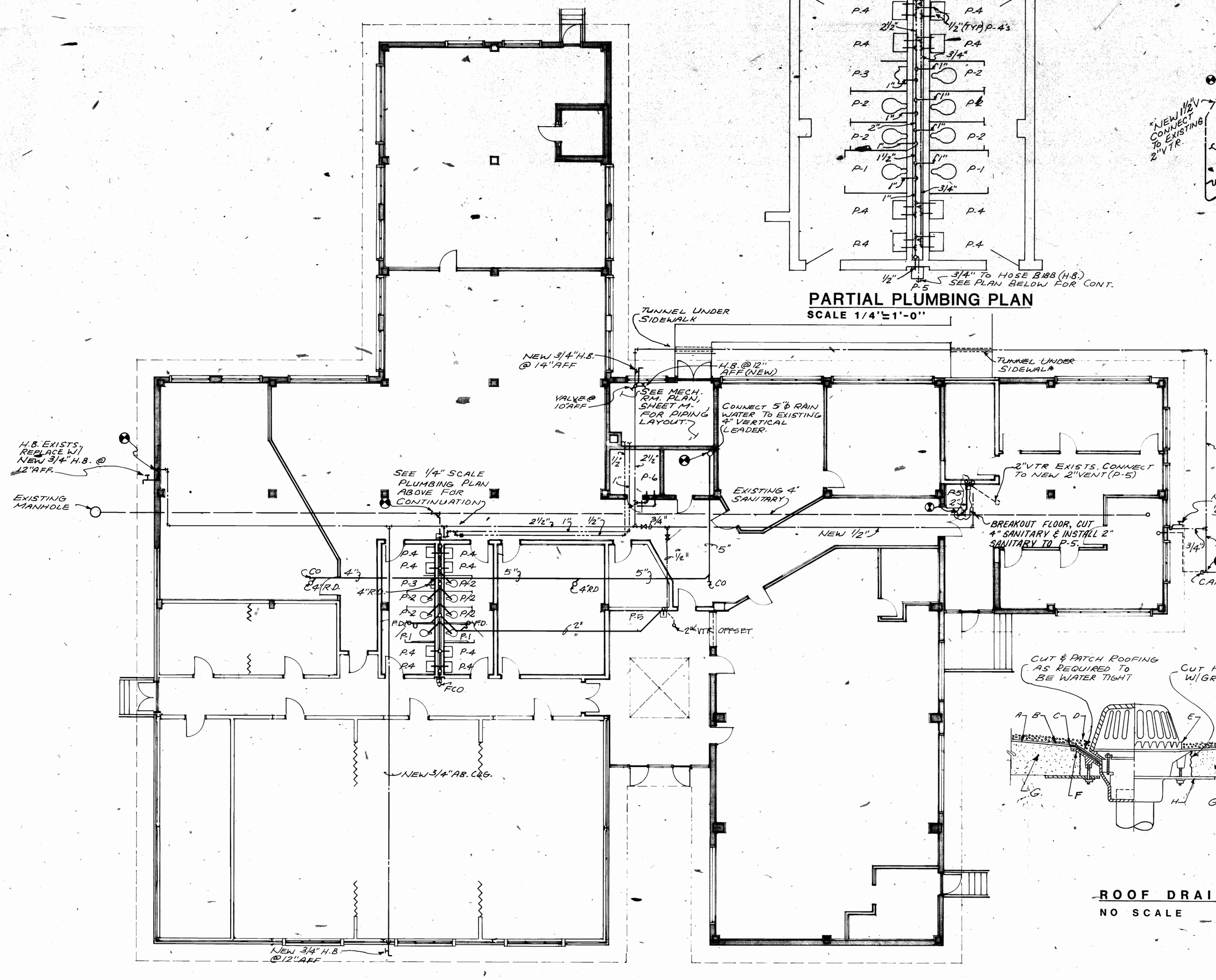

## PARTIAL PLUMBING PLAN

SCALE 1/4"=1'-0"



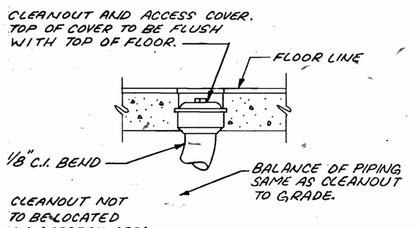

## SANITARY RISER

NO SCALE



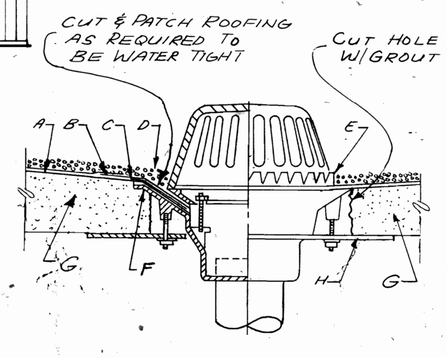

## PLUMBING PLAN

SCALE 1/8"=1'-0"




## FLOOR CLEANOUT

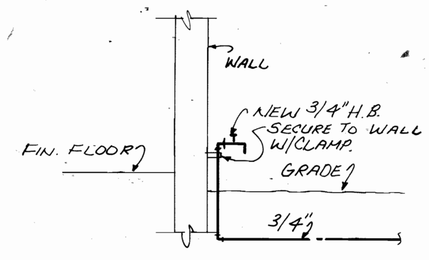
NO SCALE




A. ROOFING FELT EXTENDS UNDER FLASHING, CLAMP & LEAD.
B. #4 LEAD SHEET 30" SQUARE EXTEND UNDER FLASHING, CLAMP.
C. EXTEND FELTS UNDER FLASHING, CLAMP.
D. ROOF SURFACE MATERIAL.
E. FLASHING, RING & GRAVEL STOP.
F. FLASHING CLAMP.
G. EXISTING CONC. ROOF DECK, 6½" THICK.
H. DECK CLAMP.

## ROOF DRAIN DETAIL

NO SCALE




## HOSE BIBB MOUNTING- EXTERIOR SUPPLY

NO SCALE

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| | REVISIONS | | |

PWO DRAWING NO.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
**MARINE CORPS LOGISTICS BASE**
ALBANY GEORGIA

DESIGNED
DRAWN
CHECKED TMD
PCH. ENGR.
DATE 23 MARCH 84

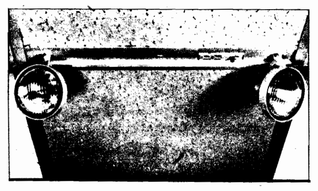
ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

# PLUMBING PLAN

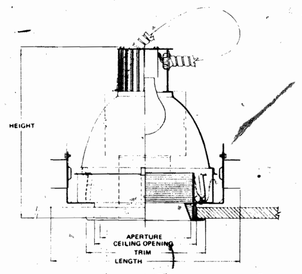
APPROVED _____ DATE 1 NOV 81
LT CEC USN
PUBLIC WORKS OFFICER

APPROVED _____
DATE _____

SCALE AS SHOWN SPEC. 06-83-3817
SHEET 15 OF 17
NAVFAC DWG. NO. 5119179



RECESSED EMERGENCY BATTERY LIGHT
TYPE "B"

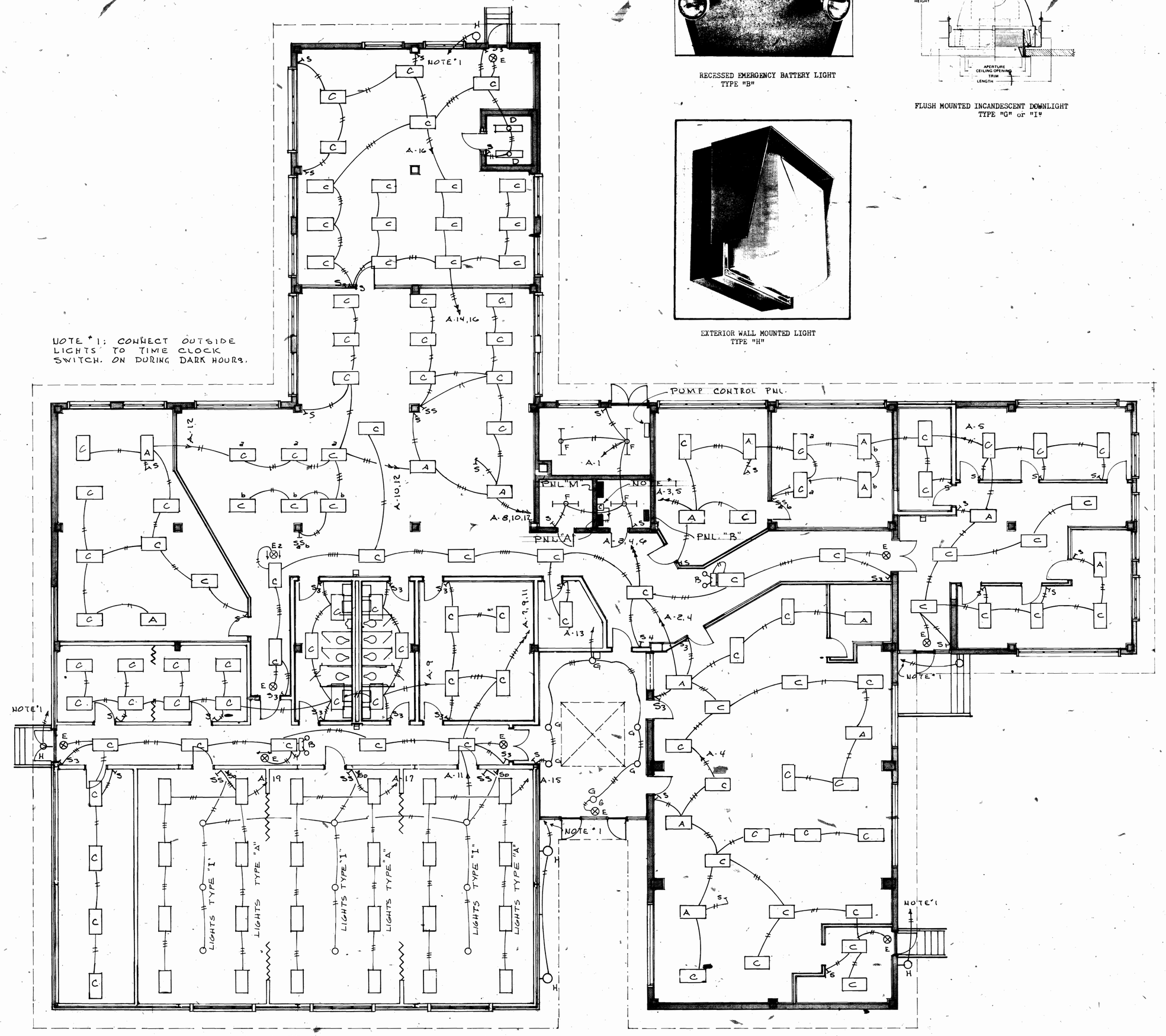



FLUSH MOUNTED INCANDESCENT DOWNLIGHT
TYPE "G" or "I"



EXTERIOR WALL MOUNTED LIGHT
TYPE "H"

NOTE * 1: CONNECT OUTSIDE LIGHTS TO TIME CLOCK SWITCH. ON DURING DARK HOURS.




# LIGHTING PLAN

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

## SYMBOLS

- FLUORESCENT FIXTURE RECESSED IN CEILING
- FLUORESCENT FIXTURE SURFACE MOUNTED
- FLUORESCENT STRIP LIGHT
- INCANDESCENT LIGHT ON OR IN CEILING — ON WALL
- LIGHTED EXIT SIGN
- S — SINGLE POLE TOGGLE SWITCH 48" A.F.F.
- $S_3$ — THREE WAY TOGGLE SWITCH
- $S_4$ — FOUR WAY TOGGLE SWITCH
- $S_M$ — TOGGLE TYPE MANUAL MOTOR STARTER WITH PILOT LIGHT
- $S_D$ — SELF CONTAINED DIMMER SWITCH OR CONTROL STATION - 600 WATTS
- DUPLEX RECEPTACLE 15 AMP, 125 VOLT 16" A.F.F.
- DUPLEX RECEPTACLE MOUNTED AS DIMENSIONED A.F.F.
- T — TELEPHONE OUTLET BOX IN WALL
- TELEPHONE OUTLET IN WALL 16" A.F.F.
- H — FIRE ALARM HORN IN WALL 1' - 0" BELOW CEILING
- F — FIRE ALARM MANUAL STATION FLUSH MOUNTED IN WALL 48" A.F.F.
- D — AUTOMATIC FIRE DETECTOR MOUNTED IN CEILING
- D — AUTOMATIC FIRE DETECTOR MOUNTED IN DUCT
- (O) MOTOR LOCATION (F) FAN LOCATION
- SAFETY SWITCH (R) RAIN TIGHT
- CIRCUIT IN CONDUIT RUN CONCEALED
- SERVICE ENTRANCE ON CONDUIT STUB AT TRANSFORMER
- ELECTRIC PANELBOARD SURFACE MOUNTED
- TRANSFORMER
- FLEXABLE CONNECTION TO EQUIPMENT
- A-1 — CIRCUIT #1 HOME RUN TO PANEL A: 2 SLASH MARKS INDICATE 2 CONDUCTORS
- A.F.F. — ABOVE FINISHED FLOOR
- BATTERY OPERATED EMERGENCY FLOODLIGHT RECESSED IN CEILING.

## LIGHTING FIXTURES

A 2' X 4' LAY-IN TROFFER WITH PRISMATIC VIRGIN ACRYLIC LENS, K-12 PATTERN. FIXTURE BODY SHALL BE 22 GAUGE STEEL FINISHED WITH ELECTROSTATICALLY APPLIED BAKED WHITE ALKYD ENAMEL. LAMPS SHALL BE 4 - 40 WATT R/S.

B BATTERY OPERATED EMERGENCY LIGHT WITH TWO ADJUSTABLE FLOOD LIGHT HEADS. MOUNT RECESSED IN CEILING GRID. (SEE SPECS FOR PERFORMANCE)

C 2' X 4' LAY-IN TROFFER SIMILAR TO TYPE A EXCEPT NO. OF LAMPS SHALL BE 2 - 40 WATT R/S.

D SURFACE MOUNTED FLUORESCENT FIXTURE WITH WRAP AROUND PRISMATIC ACRYLIC LENS. END PLATES SHALL BE ACRYLIC PLASTIC AND SHALL BE AN INTEGRAL PART OF THE LENS PACKET. DIMENSIONS APPROXIMATELY 48" LONG BY 12" WIDE WITH LAMPS ON 6" CENTERS. LAMPS SHALL BE 2 - 40 WATT R/S.

E CEILING MOUNTED EXIT SIGN WITH INTERIOR LAMPS FOR ILLUMINATION. LETTERS SHALL BE 6" HIGH RED STENCIL WITH BLACK BACKGROUND. FIXTURE BODY SHALL BE ALUMINUM WITH BLACK FINISH. UNIT SHALL CONTAIN RECHARGEABLE BATTERY TO PROVIDE ILLUMINATION DURING POWER FAILURE. UNIT SHALL MEET NATIONAL ELECTRIC CODE REQUIREMENTS. PROVIDE IN SINGLE AND/OR DOUBLE FACE UNITS AS INDICATED.

F SURFACE MOUNTED TWIN LAMP FLUORESCENT STRIP LIGHT WITH SHEET STEEL BODY PAINTED WHITE WITH BAKED ALKYD ENAMEL. UNIT SHALL HAVE FULL METAL END PLATES TO PROTECT THE LAMP SOCKETS. LAMPS: 2- 40 WATT R/S.

G FLUSH MOUNTED INCANDESCENT DOWN LIGHT WITH 4-1/2" DIA. MINIMUM GROOVE BAFFLE, ELLIPSOIDAL ALZAK ALUMINUM REFLECTOR, AND WHITE ENAMELED STEEL TRIM RING. LAMP SHALL BE 150 WATT A-21 I.F. PROVIDE THERMAL PROTECTOR INTEGRAL WITH THE FIXTURE.

H EXTERIOR WALL MOUNTED AREA LIGHT WITH VANDAL RESISTANT MATTE WHITE POLY CARBONATE DIFFUSER. FIXTURE BODY SHALL BE ALUMINUM WITH BLACK BAKED ENAMEL FINISH. LAMP SHALL BE 100 WATT DELUXE WHITE MERCURY VAPOR.

I FLUSH MOUNTED INCANDESCENT DOWN LIGHT SIMILAR TO TYPE "G" EXCEPT LAMP SHALL BE 100 WATT A-19 I.F.

| SYMBOL | DESCRIPTION | DATE | APPROVAL |
|---|---|---|---|
| | REVISIONS | | |

PWO DRAWING NO.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
**MARINE CORPS LOGISTICS BASE**
ALBANY GEORGIA

DESIGNED
DRAWN
CHECKED JS
CH. ENGR.
DATE 23 MARCH 84

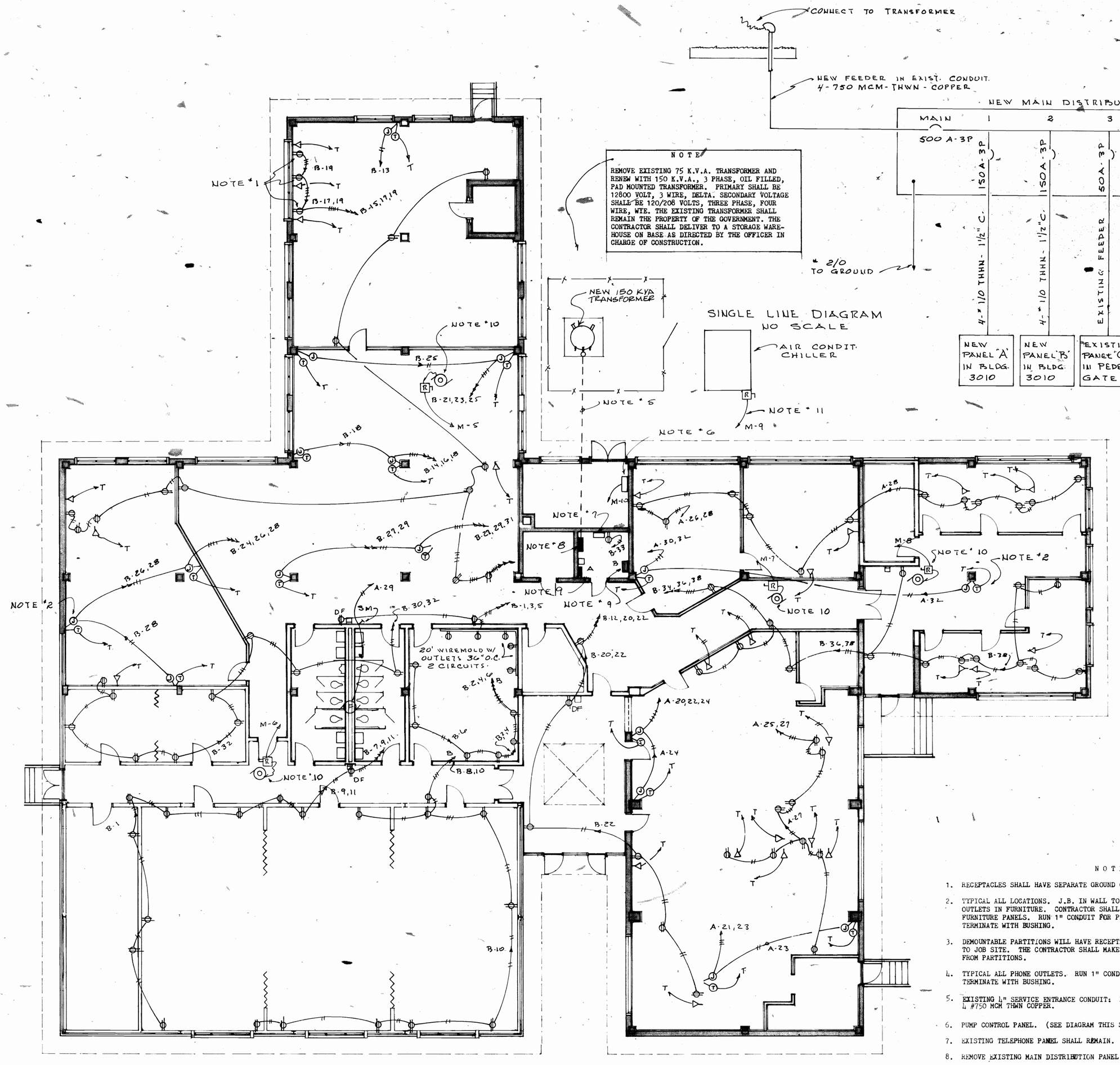
ALTERATIONS, REPAIRS & ADDITIONS TO BUILDING 3010

LIGHTING PLAN

APPROVED [signature] DATE 1 NOV 84
PUBLIC WORKS OFFICER

APPROVED
DATE

SCALE AS SHOWN SPEC. 06-83-3817
SHEET 16 OF 17
NAVFAC DWG. NO. 5119180




NOTE

REMOVE EXISTING 75 K.V.A. TRANSFORMER AND RENEW WITH 150 K.V.A., 3 PHASE, OIL FILLED, PAD MOUNTED TRANSFORMER. PRIMARY SHALL BE 12800 VOLT, 3 WIRE, DELTA. SECONDARY VOLTAGE SHALL BE 120/208 VOLTS, THREE PHASE, FOUR WIRE, WYE. THE EXISTING TRANSFORMER SHALL REMAIN THE PROPERTY OF THE GOVERNMENT. THE CONTRACTOR SHALL DELIVER TO A STORAGE WAREHOUSE ON BASE AS DIRECTED BY THE OFFICER IN CHARGE OF CONSTRUCTION.

# POWER OUTLET PLAN

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

NOTES

1. RECEPTACLES SHALL HAVE SEPARATE GROUND CONDUCTOR RUN BACK TO PANEL GROUND BUS.
2. TYPICAL ALL LOCATIONS. J.B. IN WALL TO FEED TO PREWIRED RECEPTACLES AND PHONE OUTLETS IN FURNITURE. CONTRACTOR SHALL CONNECT FROM BOX TO RACEWAY AT BOTTOM OF FURNITURE PANELS. RUN 1" CONDUIT FOR PHONE OUTLET UP TO SPACE ABOVE CEILING AND TERMINATE WITH BUSHING.
3. DEMOUNTABLE PARTITIONS WILL HAVE RECEPTACLES AND SWITCHES PRE-INSTALLED AND DELIVERED TO JOB SITE. THE CONTRACTOR SHALL MAKE CONNECTION FROM J.B. ABOVE CEILING TO TAIL FROM PARTITIONS.
4. TYPICAL ALL PHONE OUTLETS. RUN 1" CONDUIT FROM OUTLET TO SPACE ABOVE CEILING AND TERMINATE WITH BUSHING.
5. EXISTING 4" SERVICE ENTRANCE CONDUIT: REMOVE EXISTING CABLE AND RENEW WITH 4 #750 MCM THWN COPPER.
6. PUMP CONTROL PANEL. (SEE DIAGRAM THIS SHEET)
7. EXISTING TELEPHONE PANEL SHALL REMAIN.
8. REMOVE EXISTING MAIN DISTRIBUTION PANEL AND RENEW WITH PANEL AS INDICATED.
9. REMOVE EXISTING BRANCH CIRCUIT PANELS AND RENEW WITH PANELS A & B AS INDICATED.
10. AIR HANDLING UNIT ON ROOF.
11. A/C CHILLER ON CONCRETE PAD. RUN FEEDER UNDER GROUND AND INTO MAIN PANEL. TRENCH FLOOR THROUGH MECHANICAL ROOM AND PATCH TO RESTORE ORIGINAL SURFACE.

PANEL SCHEDULE

PANEL A: SURFACE MOUNTED
MAINS: 225 AMP LUGS ONLY
VOLTAGE: 120/208 VOLT, 3 PHASE, WYE
BRANCH BREAKERS:
36 - 20 AMP, 1 POLE.

PANEL B: SURFACE MOUNTED
MAINS: 225 AMP LUGS ONLY
VOLTAGE: 120/208 VOLT, 3 PHASE, WYE
BRANCH BREAKERS:
42 - 20 AMP, 1 POLE

12. REMOVE ALL UNUSED CONDUCTORS AND EXPOSED UNUSED CONDUIT.

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| DRAWN | |
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| | PUBLIC WORKS OFFICER |
| APPROVED | SCALE AS SHOWN SPEC. 06-83-3817 |
| DATE | SHEET 17 OF 17 |
| | NAVFAC DWG. NO. 5119181 |