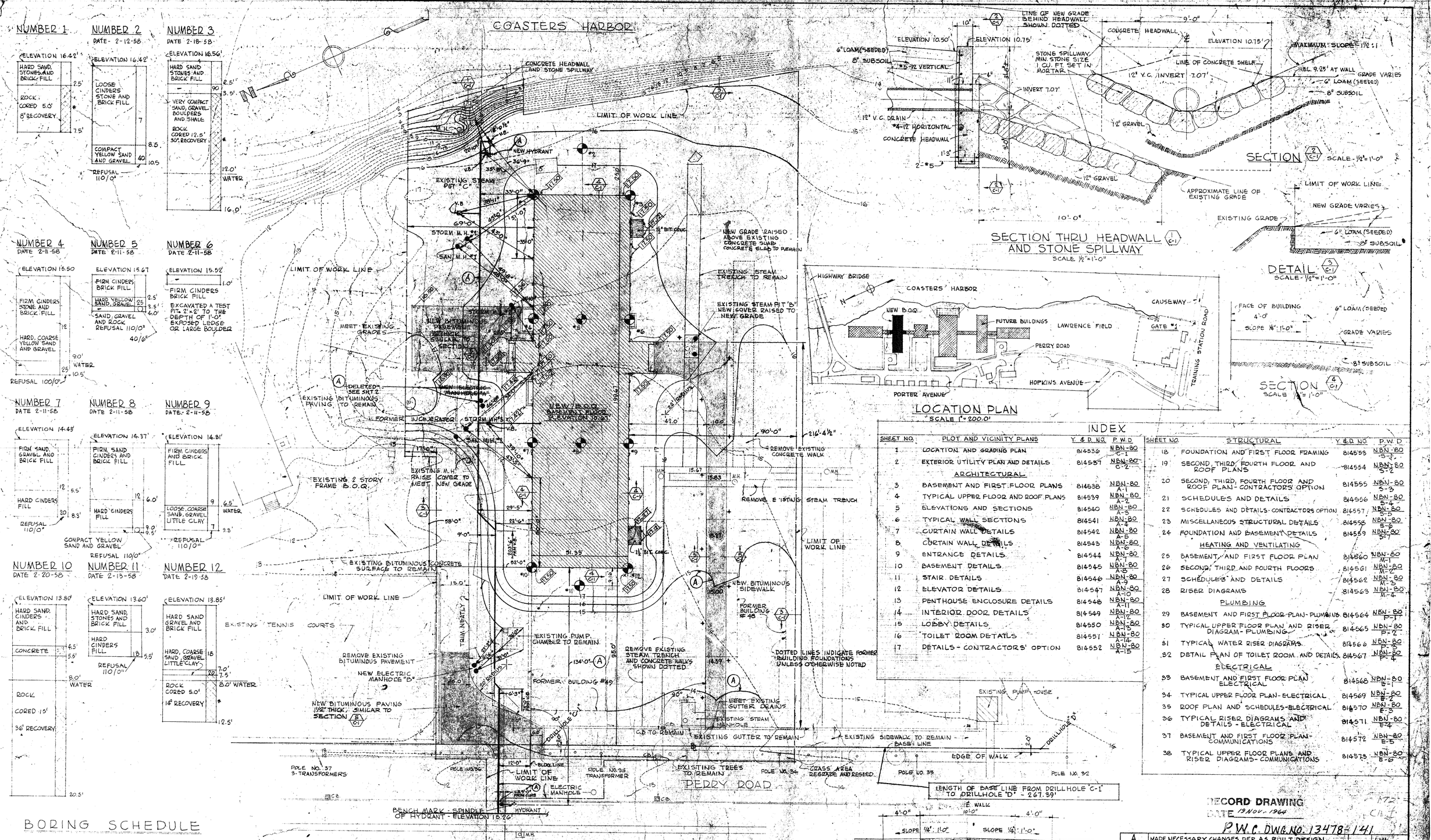

COASTERS HARBOR
NUMBER 1
ELEVATION 16.42'
HARD SAND, STONES AND BRICK FILL
ROCK CORED 5.0' 8" RECOVERY
NUMBER 2
DATE - 2-12-58
ELEVATION 16.42'
LOOSE CINDERS STONE AND BRICK FILL
COMPACT YELLOW SAND AND GRAVEL
REFUSAL 110/0"
NUMBER 3
DATE 2-18-58
ELEVATION 16.56'
HARD SAND STONES AND BRICK FILL
VERY COMPACT SAND, GRAVEL BOULDERS AND SHALE
ROCK CORED 12.5' 30" RECOVERY
WATER
NUMBER 4
DATE 2-11-58
ELEVATION 15.50
FIRM CINDERS STONE AND BRICK FILL
HARD, COARSE YELLOW SAND AND GRAVEL
WATER
REFUSAL 100/0"
NUMBER 5
DATE 2-11-58
ELEVATION 15.67
FIRM CINDERS BRICK FILL
HARD YELLOW SAND, GRAVEL
SAND, GRAVEL AND ROCK REFUSAL 110/0"
40/6"
NUMBER 6
DATE 2-11-58
ELEVATION 15.52
FIRM CINDERS BRICK FILL
EXCAVATED A TEST PIT 2'x2' TO THE DEPTH OF 1'-0" EXPOSED LEDGE OR LARGE BOULDER
NUMBER 7
DATE 2-11-58
ELEVATION 14.48
FIRM SAND, GRAVEL AND BRICK FILL
HARD CINDERS FILL
COMPACT YELLOW SAND AND GRAVEL
REFUSAL 110/0"
NUMBER 8
DATE 2-11-58
ELEVATION 14.37'
FIRM SAND CINDERS AND BRICK FILL
HARD CINDERS FILL
REFUSAL 110/0"
NUMBER 9
DATE - 2-11-58
ELEVATION 14.31'
FIRM CINDERS AND BRICK FILL
LOOSE, COARSE SAND, GRAVEL LITTLE CLAY
WATER
REFUSAL 110/0"
NUMBER 10
DATE 2-20-58
ELEVATION 13.80'
HARD SAND, CINDERS AND BRICK FILL
CONCRETE
ROCK CORED 15'
36" RECOVERY
WATER
NUMBER 11
DATE 2-13-58
ELEVATION 13.60'
HARD SAND, STONES AND BRICK FILL
HARD CINDERS FILL
REFUSAL 110/0"
NUMBER 12
DATE 2-19-58
ELEVATION 13.85'
HARD SAND GRAVEL AND BRICK FILL
HARD, COARSE SAND, GRAVEL LITTLE CLAY
ROCK CORED 5.0' 14" RECOVERY
WATER
CONCRETE HEADWALL AND STONE SPILLWAY
LIMIT OF WORK LINE
NEW HYDRANT
EXISTING STEAM PIT "C"
STORM M.H. #1
SAN. M.H. #1
NEW BITUMINOUS PAVEMENT
NEW GRADE RAISED ABOVE EXISTING CONCRETE SLAB. CONCRETE SLAB TO REMAIN
EXISTING STEAM TRENCH TO REMAIN
EXISTING STEAM PIT "B" NEW COVER RAISED TO NEW GRADE
MEET EXISTING GRADES
DELETED SEE SHT 2
EXISTING BITUMINOUS PAVING TO REMAIN
NEW ELECTRIC MANHOLE "A"
NEW B.O.Q. BASEMENT FLOOR ELEVATION 10.67
FORMER INCINERATOR
STORM M.H. #2
SAN. M.H. #2
EXISTING M.H. RAISE COVER TO MEET NEW GRADE
EXISTING 2 STORY FRAME B.O.Q.
REMOVE EXISTING CONCRETE WALK
REMOVE EXISTING STEAM TRENCH
EXISTING BITUMINOUS CONCRETE SURFACE TO REMAIN
NEW BITUMINOUS SIDEWALK
FORMER BUILDING #48
EXISTING TENNIS COURTS
EXISTING PUMP CHAMBER TO REMAIN
REMOVE EXISTING STEAM TRENCH AND CONCRETE WALKS SHOWN DOTTED
DOTTED LINES INDICATE FORMER BUILDING FOUNDATIONS UNLESS OTHERWISE NOTED
REMOVE EXISTING BITUMINOUS PAVEMENT
NEW ELECTRIC MANHOLE "B"
FORMER BUILDING #49
NEW BITUMINOUS PAVING 1 1/2" THICK, SIMILAR TO SECTION
MEET EXISTING GUTTER DRAINS
EXISTING STEAM MANHOLE
C.B. TO REMAIN
EXISTING GUTTER TO REMAIN
EXISTING SIDEWALK TO REMAIN
BASE LINE
EDGE OF WALK
EXISTING PUMP HOUSE
DRILLHOLE "C-1"
DRILLHOLE "D"
POLE NO. 37 3-TRANSFORMERS
POLE NO. 36
POLE NO. 35 TRANSFORMER
POLE NO. 34
POLE NO. 33
POLE NO. 32
EXISTING TREES TO REMAIN
GRASS AREA REGRADE AND RESEED
ELECTRIC MANHOLE
HYDRANT
PERRY ROAD
BENCH MARK - SPINDLE OF HYDRANT - ELEVATION 15.26'
LENGTH OF BASE LINE FROM DRILLHOLE "C-1" TO DRILLHOLE "D" - 267.39'
LINE OF NEW GRADE BEHIND HEADWALL SHOWN DOTTED
ELEVATION 10.50'
ELEVATION 10.75'
6" LOAM (SEEDED)
8" SUBSOIL
1:1.5-12 VERTICAL
STONE SPILLWAY MIN. STONE SIZE 1 CU. FT. SET IN MORTAR
INVERT 7.07'
12" V.C. DRAIN
#4-12 HORIZONTAL
CONCRETE HEADWALL
2-#5
12" GRAVEL
SECTION THRU HEADWALL AND STONE SPILLWAY
SCALE 1/2"=1'-0"
CONCRETE HEADWALL
LINE OF CONCRETE SHELF
12" V.C. INVERT 7.07'
MAXIMUM SLOPE 1 1/2:1
EL. 9.25' AT WALL
GRADE VARIES
APPROXIMATE LINE OF EXISTING GRADE
SECTION
SCALE - 1/2"=1'-0"
LIMIT OF WORK LINE
NEW GRADE VARIES
EXISTING GRADE
DETAIL
SCALE - 1/2"=1'-0"
HIGHWAY BRIDGE
COASTERS HARBOR
NEW B.O.Q.
FUTURE BUILDINGS
LAWRENCE FIELD
CAUSEWAY
GATE #1
TRAINING STATION ROAD
PERRY ROAD
HOPKINS AVENUE
PORTER AVENUE
LOCATION PLAN
SCALE 1"=200.0'
FACE OF BUILDING
SLOPE 1/4":1'-0"
SECTION
SCALE 1/4"=1'-0"
INDEX
BORING SCHEDULE
NOTES: BORINGS MADE BY "RAYMOND CONCRETE PILE COMPANY" 304 PARK SQUARE BUILDING, BOSTON, MASSACHUSETTS.
FIGURES IN RIGHT HAND COLUMN INDICATE NUMBER OF BLOWS REQUIRED TO DRIVE 2" SAMPLING PIPE ONE FOOT, USING 140 POUND WEIGHT FALLING 30 INCHES.
LOSS OF WASH WATER IN ANY STRATUM INDICATED BY *.
WATER LEVELS INDICATED ARE THOSE OBSERVED AT THE COMPLETION OF EACH BORING, OR AS NOTED, AND DO NOT NECESSARILY REPRESENT PERMANENT GROUND WATER LEVELS.
FOREMAN REPORTS THAT NO GROUND WATER WAS ENCOUNTERED AT THE TIME BORINGS NUMBER 1, 2, 5, 6, 7, 8 WERE MADE.
THE WATER LEVEL OF BORING #3 WAS OBSERVED SIXTEEN HOURS AFTER THE COMPLETION OF THE BORING.
WATER LEVELS OF BORINGS #10 AND #12 WERE OBSERVED THIRTY MINUTES AFTER THE COMPLETION OF THE BORING.
ALL BORINGS IN SCHEDULE PLOTTED TO SCALE OF 1"=4'-0".
GRADING AND LOCATION PLAN
SCALE - 1"=20.0'
ABBREVIATIONS
NO. NUMBER
M.H. MANHOLE
C.B. CATCH BASIN
℄ CENTER LINE
V.C. VITRIFIED CLAY
(A) V.B. VALVE BOX
SYMBOLS AND LEGEND
NEW
EXISTING
MANHOLE
HYDRANT
CONTOUR LINE
LAMP POST
UTILITY POLE
TREE
CATCH BASIN
MANHOLE BELOW GRADE
VALVE BOX
BORING LOCATION
LIMIT OF WORK LINE
EXISTING TO BE REMOVED
EXISTING BELOW NEW GRADE
BASE LINE
1 1/2" THICK BITUMINOUS CONCRETE
6" SELECT GRAVEL (COMPACTED)
6" LOAM (SEEDED) OVER 8" SUBSOIL
TYPICAL SECTION THRU CONCRETE WALK
SCALE - 1/4"=1'-0"
GRAPHIC SCALES
1/4"=1'-0"
1/2"=1'-0"
1"=20'-0"
1"=200'-0"
SUBMITTED
DATE
SATISFACTORY TO
DATE
RECORD DRAWING
DATE 19 NOV. 1964
P.W.C. DWG. NO. 13478-141
A MADE NECESSARY CHANGES PER AS BUILT DESIGN
SYMBOL DESCRIPTION DATE APPROVAL
REVISIONS
DPWO DRAWING NO. NBN-80 C-1
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
LOCATION AND GRADING PLAN
DRAWN BY HBK
CHECKED BY
APP'D BY
DPWO 1ST ND
SAN. ENGR.
SAFY. ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DRESSER
DIRECTOR SEDDON
APPROVED FOR BUREAU OF YARDS & DOCKS
APPROVED
DATE
OFFICER IN CHARGE
SCALE AS NOTED
SHEET 38 OF 38
DWG FOR CHIEF OF BUREAU
814536

MANHOLE SCHEDULE

M.H. NO.	RIM ELEV	INV. NORTH	INV. SOUTH	INV EAST	INV. WEST
STORM MH #1	16.75'	SEE DETAIL OF STORM MANHOLE #1			
STORM MH #2	17.30'		8.25'	8.15'	13.0'
STORM MH #3	15.40'	SEE DETAIL OF STORM MANHOLE #3			
SAN. M.H. #1	16.70'		10.75	10.58'	10.66'
SAN. M.H. #2	16.00		11.75	11.58'	

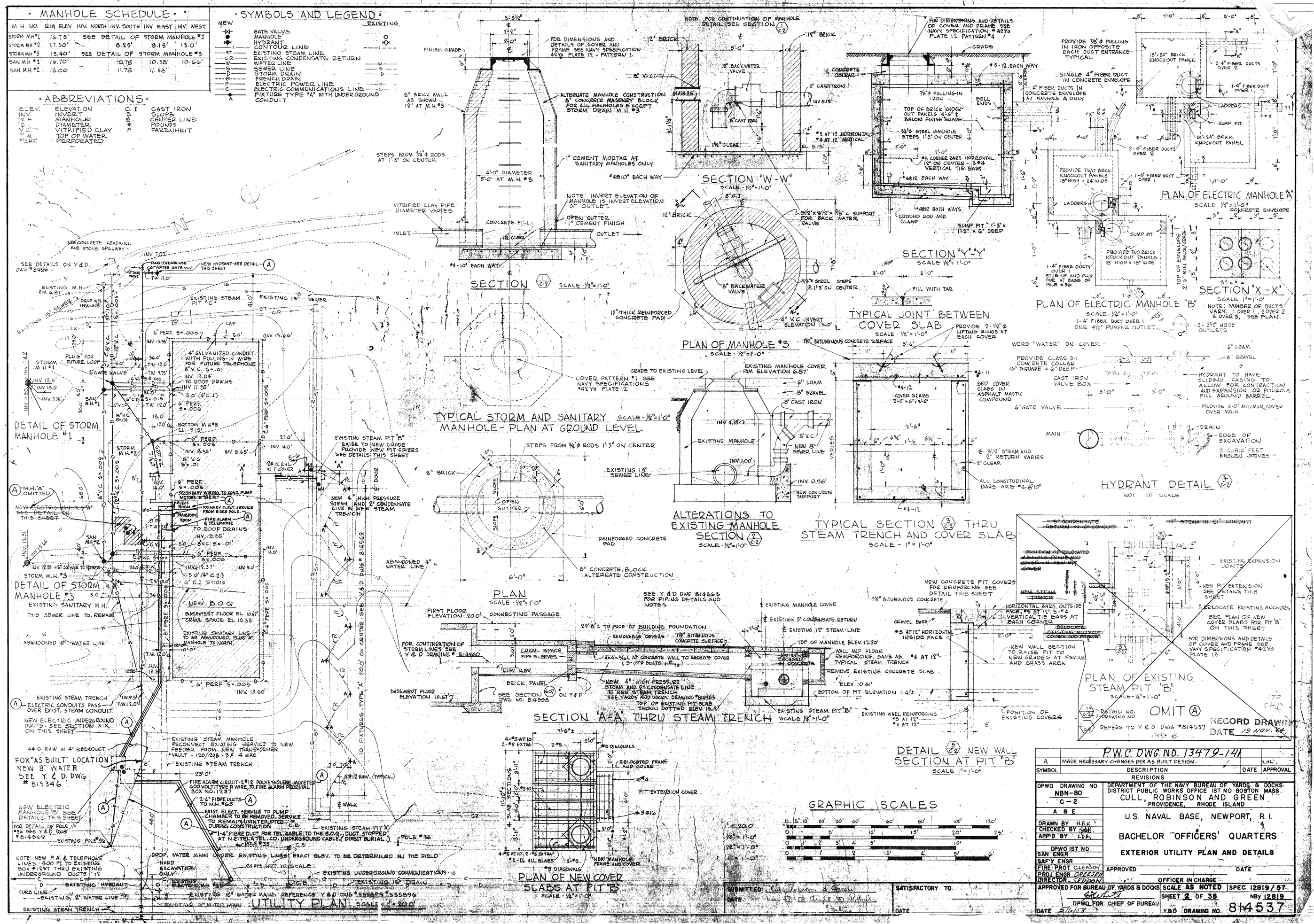
SYMBOLS AND LEGEND

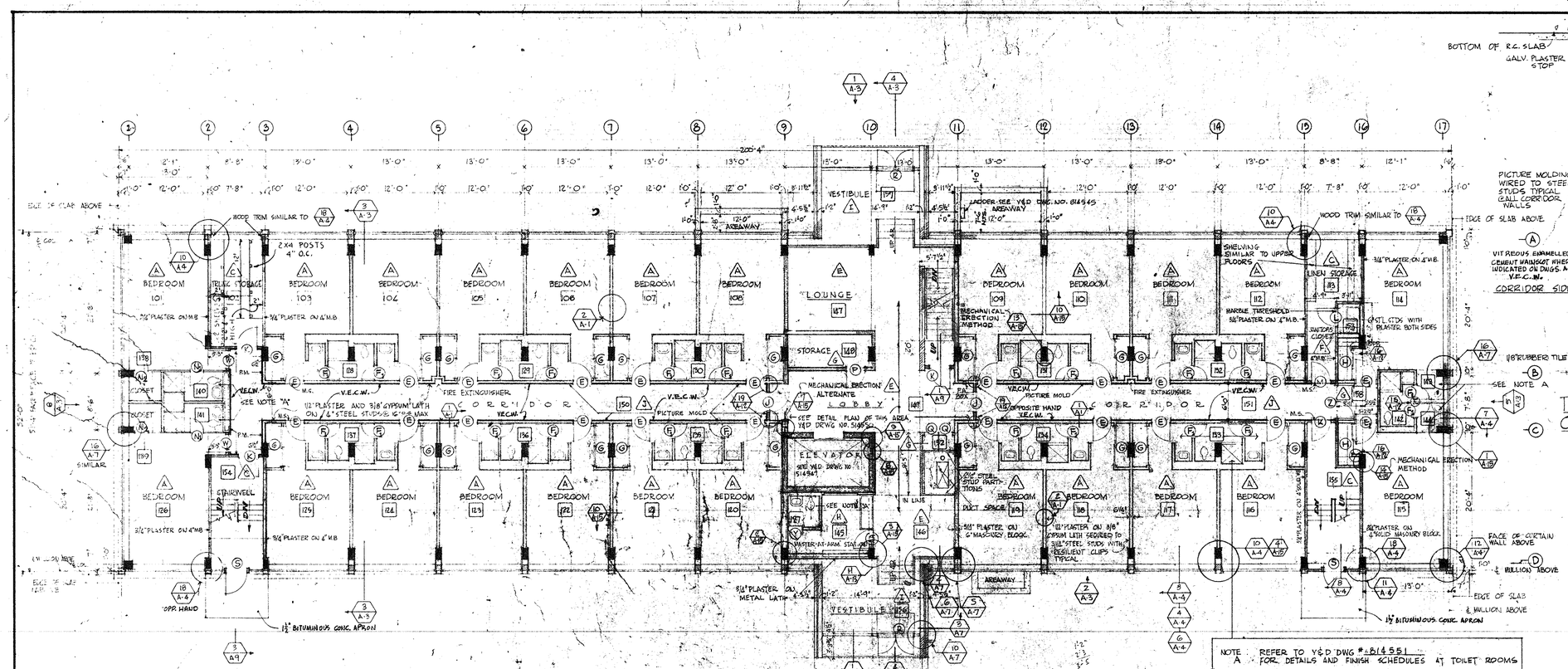
NEW / EXISTING

- GATE VALVE
- MANHOLE
- HYDRANT
- CONTOUR LINE
- ST — EXISTING STEAM LINE
- CR — EXISTING CONDENSATE RETURN
- W — WATER LINE
- S — SEWER LINE
- D — STORM DRAIN
- FRENCH DRAIN
- P — ELECTRIC POWER LINE
- C — ELECTRIC COMMUNICATIONS LINE
- A — FIXTURE TYPE "A" WITH UNDERGROUND CONDUIT

ABBREVIATIONS

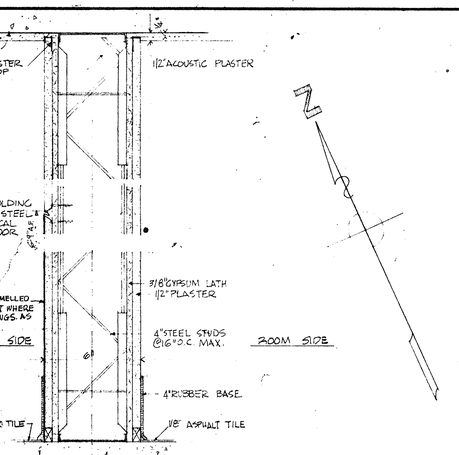
ELEV.	ELEVATION	C.I	CAST IRON
INV.	INVERT	SL.	SLOPE
M.H.	MANHOLE	℄	CENTER LINE
DIA.	DIAMETER	#	POUNDS
V.C.	VITRIFIED CLAY	F	FAREN HEIT
T.W.	TOP OF WATER		
PERF.	PERFORATED		





FIRST FLOOR PLAN

SCALE 1/8" = 1'-0"
FLOOR ELEVATION 20.00



TYPICAL SECTION AT (1/A-1) CORRIDOR WALLS

SCALE 3"=1'-0"

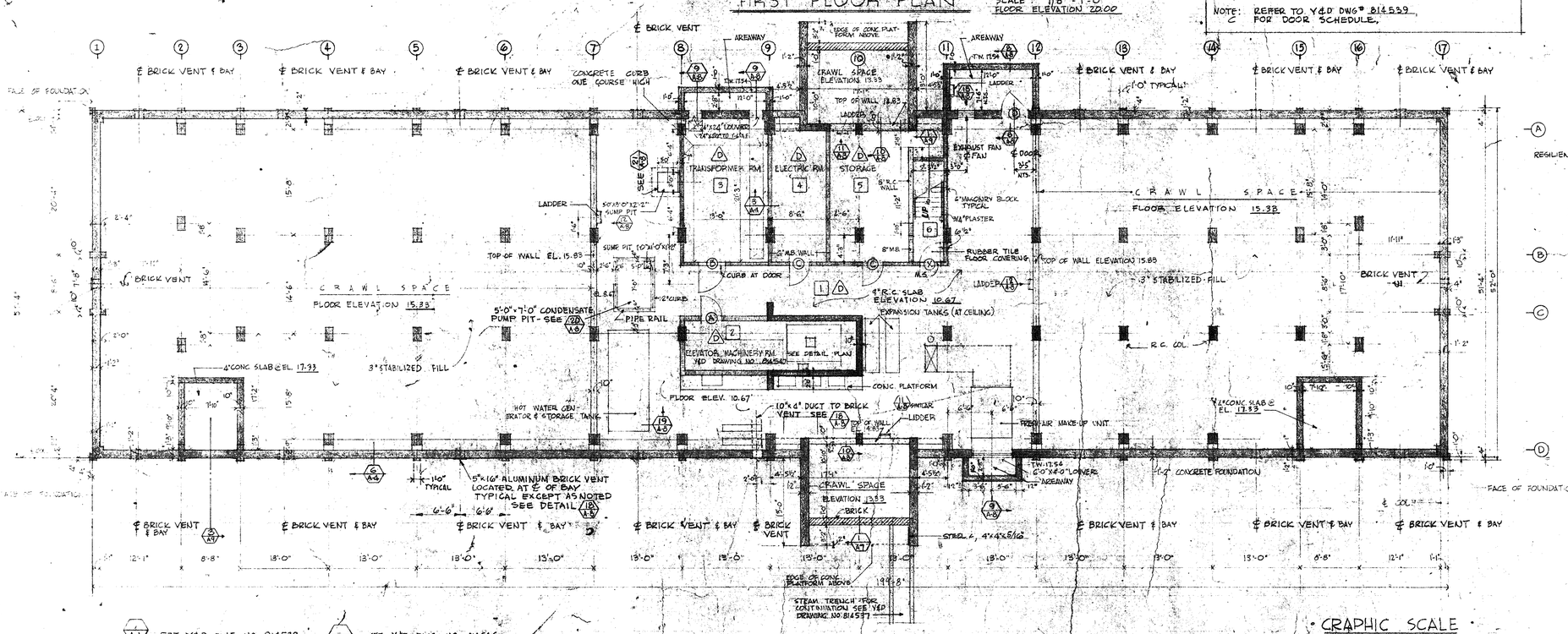
NOTE A: REFER TO Y&D DWG #814551 FOR DETAILS AND FINISH SCHEDULES AT TOILET ROOMS

NOTE B: REFER TO Y&D DWG. #814539 FOR TYPICAL BEDROOM CLOSET & MISCELLANEOUS TYP. SHELVING DETAILS

NOTE C: REFER TO Y&D DWG# 814539 FOR DOOR SCHEDULE.

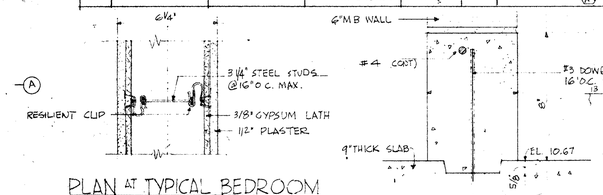
ROOM FINISH SCHEDULE

SYMBOL	FLOOR	BASE	WALL	CEILING FINISH	CEILING HEIGHT	REMARKS
A	ASPHALT TILE	4" RUBBER BASE	PLASTER - SEE REMARKS COLUMN	ACOUSTIC PL. ONLY IN RMS. 240, 246 & 248	8'-0"	COLUMNS AT CLOSETS ARE EXPOSED CONCRETE
B	ASPHALT TILE	4" RUBBER BASE	PLASTER - SEE REMARKS COLUMN	1/2" ACOUSTIC PLASTER	8'-0"	COLUMNS AT CURTAIN WALL AND WITHIN CLOSETS ARE EXPOSED CONCRETE.
C	CONCRETE	4" RUBBER BASE	EXPOSED CONCRETE MASONRY UNITS	CONCRETE	8'-0 1/2"	COLS AT CURTAIN WALL & FIRST FLOOR ARE PLASTERED
D	CONCRETE	NONE	CONCRETE & CONCRETE MASONRY UNITS	CONCRETE	8'-8 1/2"	
E	RUBBER TILE	4" RUBBER BASE	PLASTER, PLASTIC LAMINATE, GLAZED BRICK	ACOUSTIC PLASTER	8'-0"	REFER TO FLOOR PLAN SHEETS
F	CERAMIC TILE	COVE BASE	PLASTER	CONCRETE	8'-0 1/2"	MARBLE THRESHOLD @ DOOR F1
G	RUBBER TILE	4" RUBBER BASE	PLASTER EXCEPT WHERE INDICATED OTHERWISE	CERAMIC TILE TO 4'-0" ACOUSTIC PLAS. CONC. & STL. MT. 247 STEEL, BOX-TIES	8'-0" 8'-0" 7'-0"	COLS WITHIN CLOSETS ARE EXPOSED CONCRETE. PLAS. CORRIDOR WALLS
H	RUBBER TILE	4" RUBBER BASE	PLASTER, PLASTIC LAMINATE SEE PLAN	12" ACOUSTIC PLASTER	8'-0"	SEE FLOOR PLANS
I	RUBBER TILE	4" RUBBER BASE	GLAZED BRICK, PLASTER	1/2" ACOUSTIC PLASTER	10'-0"	SEE FLOOR PLANS
J	RUBBER TILE	4" RUBBER BASE	VIT. ENAMELLED CEMENT ON PLASTER - 6'-9" HIGH	1/2" ACOUSTIC PLASTER	8'-0"	SEE PLAN FOR V.E.C. LOCATION - SEE SECT (A/A-7)



BASEMENT PLAN

SCALE 1/8" = 1'-0"
FLOOR ELEVATION 10.67



PLAN AT TYPICAL BEDROOM PARTITION (2/A-1)

SCALE 3"=1'-0"

CURB AT TRANSFORMER ROOM (3/A-1)

SCALE 3"=1'-0"

LEGEND AND ABBREVIATIONS

	CONCRETE	R.C.	REINFORCED CONCRETE
	CONCRETE MASONRY BLOCK	GALV.	GALVANIZED
	BRICK	CONT.	CONTINUOUS
	STEEL STUD PARTITION	V.E.C.W.	VITREOUS ENAMELED CEMENT WAINSCOT 6'-9" HIGH
COL.	COLUMN	NTS.	NOT TO SCALE
M.B.	MASONRY BLOCK		
℄	CENTER LINE		
H.P.	HORSE POWER		
Y.&D.	YARDS AND DOCKS		
PL.	PLASTER		
NO.	NUMBER		
A.F.	ABOVE FLOOR		
ST'L STD'S	STEEL STUDS		
DN	DOWN		
EL.	ELEVATION		
RM.	ROOM		
@	AT		
O.C.	ON CENTER		
MAX.	MAXIMUM		
DWG#	DRAWING NUMBER		
T.W.	TOP OF WALL		
P.M.	PICTURE MOLD		
M.S.	METAL FLOOR COVERING STOP		

RECORD DRAWING
DATE 19 NOV. '64
72 CHI

P.W.C. DWG. NO. 13480-141

SYMBOL	DESCRIPTION	DATE	APPROVAL
	REVISED TO "AS BUILT" CONDITIONS		LHL

REVISIONS

DPWO DRAWING NO. NBN-80 A-1

A & E

DRAWN BY O.B.R.
CHECKED BY S.A.G.
APP'D BY R.P.K.

DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DAVIDSEN
DIRECTOR SEDDON

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

BACHELOR OFFICERS' QUARTERS

BASEMENT AND FIRST FLOOR PLANS

APPROVED
DATE

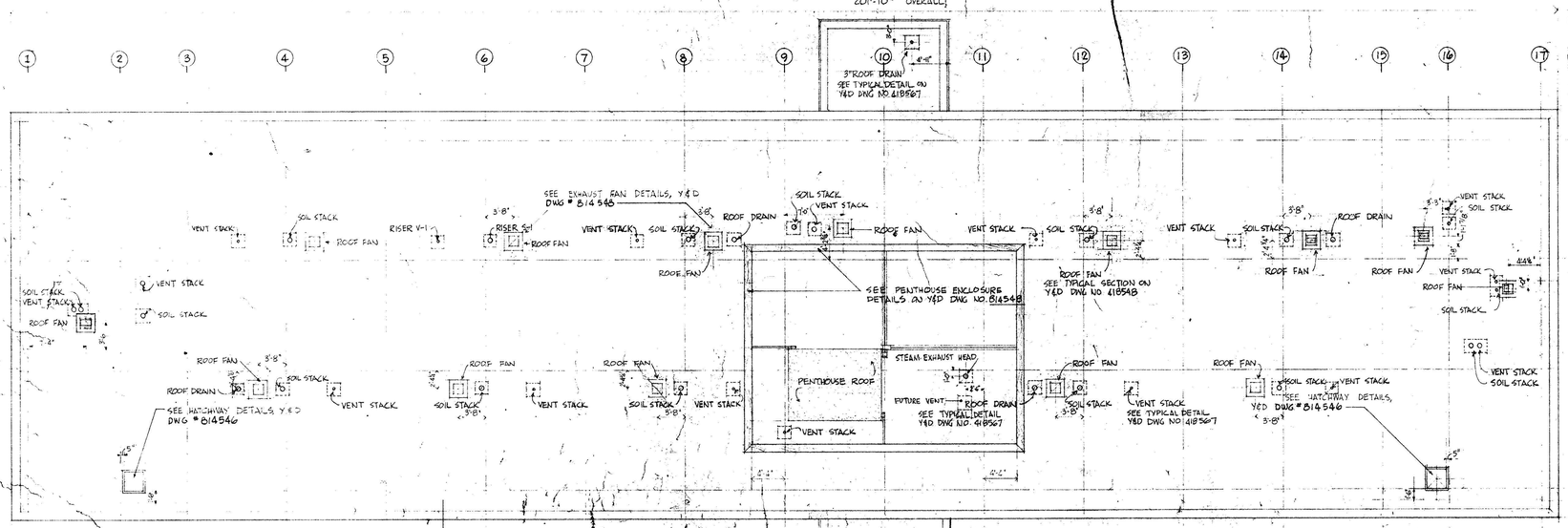
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/58

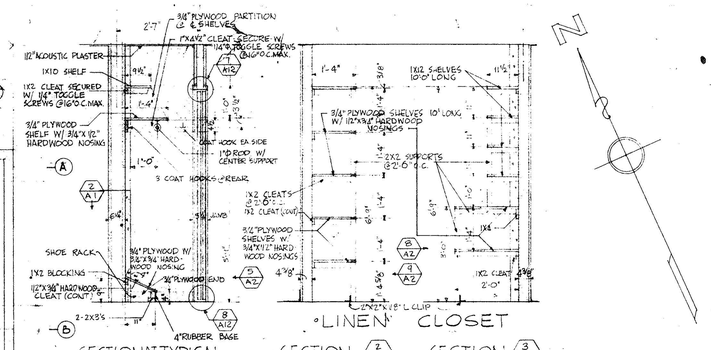
SCALE: AS NOTED
SHEET 3 OF 38
SPEC. 12819/57
NBY 12819
Y&D DRAWING NO. 814538

SUBMITTED:
DATE:

SATISFACTORY TO:
DATE

GRAPHIC SCALE
1/8" = 1'-0"
1/4" = 1'-0"

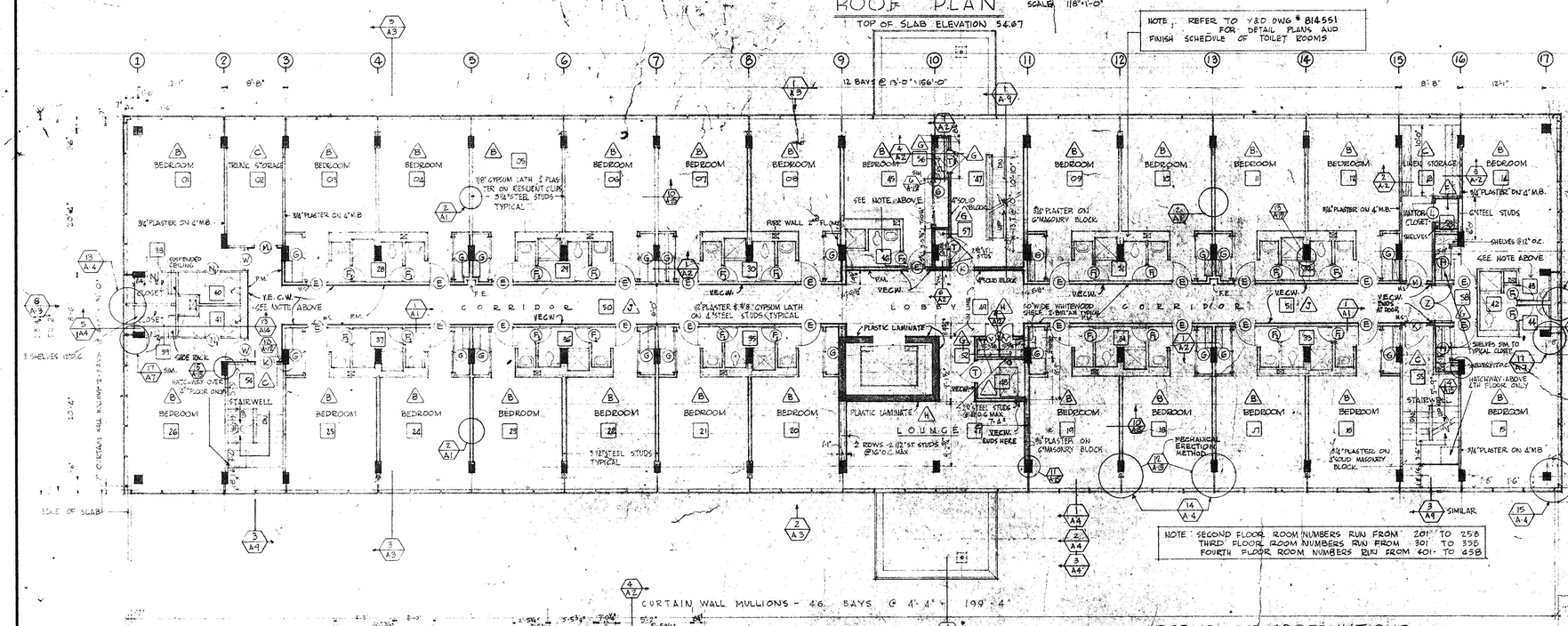


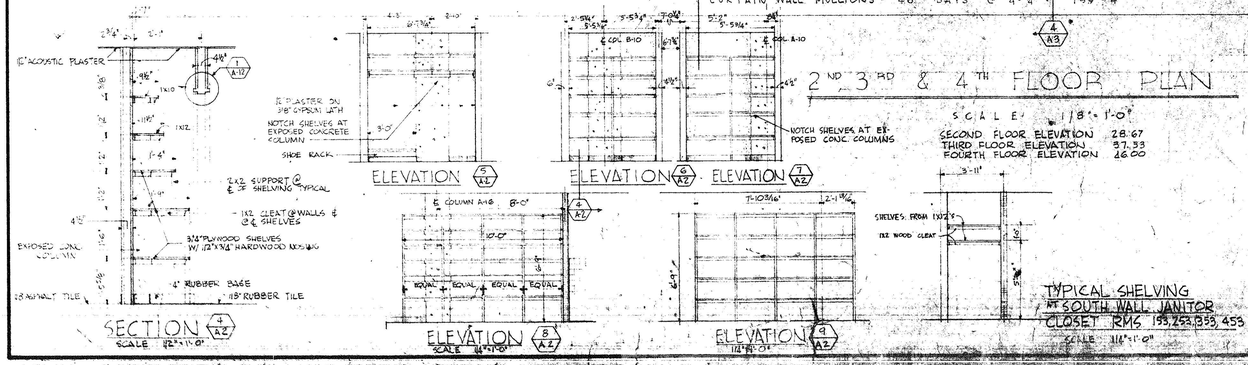


DOOR SCHEDULE

DOOR SYMBOL	DOOR SIZE	THICKNESS	STOCK	GLAZED TYPE	GLAZED SIZE	FRAME WIDTH	FRAME HEAD	FRAME JAMB HINGE SIDE	FRAME JAMB LATCH SIDE	LINTEL TYPE	LINTEL REINF STEEL	LOUVER	REMARKS
(A)	3'-0"×6'-8"	1 3/4"	HOLLOW METAL	NONE	—	6"	20 A/12	20 A/12	20 A/12	PRECAST CONC.	2-#3 TOP 2-#4 BOT.		CLASS B ONE HOUR FIRE DOOR
(B)	4'-6"×6'-8"	1 3/4"	HOLLOW METAL	NONE	—	6 1/4"	2 A/12	5 A/12	5 A/12	PRECAST CONC	2-#3 TOP 2-#4 BOT		
(C)	3'-0"×6'-8"	1 3/4"	HOLLOW METAL	NONE	—	6 1/4"	7 A/12	7 A/12	5 A/12	PRECAST CONC	2-#3 TOP 2-#4 BOT		
(D)	4'-6"×6'-6"	1 7/8"	#14 GAUGE STEEL	NONE	—	6"	3/8 A/12	1/8 A/12	1/2 A/12	NONE	—		SEE SILL DETAIL 5/A3
(E) (E1)	2'-8"×6'-7 3/4" 3'-0"×6'-7 3/4"	1 3/8"	CLASS 'B' TYPE WOOD	NONE	—	6 3/4"	1 A/12	4 A/12	6 A/12	NONE	—		WOOD FACE - MINERAL CORE "B" LABEL CONSTRUCTION - ONE HOUR FIRE DOOR. UNDERCUT 1/2" TO 3/4"
(E2) (E3)	2'-0"×6'-7 3/4"	1 3/8"	HOLLOW CORE INSTITUTIONAL	NONE	—	5 1/4"	1 A/12	1 A/12	4 A/12	NONE	—		UNDERCUT 1/2" TO 3/4" SEE SPECIFICATIONS FOR HARDWARE DOORS E2 AND E3
(G)	2'-3'-0"×6'-7 3/4"	1 3/8"	HOLLOW CORE WOOD	NONE	—	5 1/4"	2 A/12	6 A/12	6 A/12	3/8" BENT PLATE	—	NONE	SEE SILL DETAIL 5/A3
(H)	2'-2'-5"×6'-7 3/4"	1 3/8"	HOLLOW CORE WOOD	NONE	—	5 1/4"	1 A/12	6 A/12	6 A/12	3/8" BENT PLATE	—	NONE	SEE SILL DETAIL 5/A12
(J)	3'-0"×6'-7 3/4"	1 3/4"	CLASS 'B' TYPE WOOD	1/8" WIRE GLASS	10"×10"	6"	20A A/12	19 A/12	19 A/12	PRECAST CONCRETE	2-#3 TOP 2-#4 BOT	1 1/4"×2'-10" WOOD	WOOD FACE - MINERAL CORE "B" LABEL CONSTRUCTION - ONE HOUR FIREDOOR. SEE SPECS
(K)	3'-0"×6'-7 3/4"	1 3/4"	CLASS 'B' WOOD	1/8" WIRE GLASS	10"×10"	5 1/4" 6"	10 A/12	3 A/12	3 A/12	PRECAST CONCRETE	2-#3 TOP 2-#4 BOT		WOOD FACE - MINERAL CORE "B" LABEL - ONE HOUR FIREDOOR 6" WIDTH WHERE PART. PLASTER BOTH SIDES
(L)	2'-8"×6'-7 3/4"	1 3/4"	HOLLOW CORE INSTITUTIONAL			5 1/4"	10 A/12	13 A/12	13 A/12	PRECAST CONCRETE	2-#3 TOP 2-#4 BOT		
(M)	3'-0"×6'-7 3/4"	1 3/4"	CLASS 'B' TYPE WOOD			5 1/4"	1 A/12	13 A/12	13 A/12	PRECAST CONCRETE	2-#3 TOP 2-#4 BOT		WOOD FACE - MINERAL CORE "B" LABEL CONSTRUCTION - ONE HOUR FIREDOOR
(N1) (N2)	2'-0"×6'-7 3/4"	1 3/4"	HOLLOW CORE INSTITUTIONAL			2 3/4"	3 A/12	3 A/12 (DOORS N1 ONLY)		3/8" FURRING C			UNDERCUT N1 1/2" TO 3/4" FOR DOORS N1 AND N2 SEE HARDWARE SPECIFICATIONS, FOR DOOR N2 SEE 12/A12
(P)	3'-0"×6'-7 3/4"	1 3/4"	HOLLOW CORE INSTITUTIONAL			5 1/2"	5 A/12	5 A/12	16 A/12	PRECAST CONCRETE	2-#3 TOP 2-#4 BOT		UNDERCUT DOOR RM. 148 3/4"
(Q)	1'-11"×6'-7 3/4"	1 3/4"	HOLLOW CORE INSTITUTIONAL	1/8" PLATE GLASS	10"×34"	5 1/4"	9 A/12	9 A/12	9 A/12	NONE			
(R)	2'-2'-8"×6'-8"	1 3/4"	ALUMINUM			4 1/2"	SEE DETAILS Y&D DWG # 814544						PANIC BAR LATCH HARDWARE SEE SPECS
(S)	3'-0"×6'-8"	1 3/4"	SOLID CORE WOOD			7"	6 A/12	11 A/12	11 A/12				ABRASIVE ALUMINUM THRESHOLD
(T)	3'-0"×6'-7 3/4"	1 3/4"	HOLLOW CORE INSTITUTIONAL			5 1/4"	7 A/12	4 A/12	4 A/12	NONE			
(U)	2'-4 1/2"×3'-6 1/2"	1 3/4"	SOLID CORE WOOD	PENTHOUSE DOOR SEE Y&D DRAWING # 814547 FOR DETAILS									
(V)	1'-11"×6'-7 3/4"	1 3/4"	HOLLOW CORE, INSTITUTIONAL	1/8" PLATE GLASS	10"×34"	5 1/4"	9 A/12	4 A/12	9 A/12	NONE			
(W)	2'-8"×6'-7 3/4"	1 3/4"	CLASS 'B' TYPE WOOD			5 1/4"	1 A/12	18 A/12	17 A/12	NONE			WOOD FACE - MINERAL CORE "B" LABEL CONSTRUCTION - ONE HOUR FIREDOOR. UNDERCUT 1/2-3/4"
(X)	3'-0"×6'-8"	1 3/4"	HOLLOW METAL			6"	4 A/12	4 A/12	4 A/12	PRECAST CONCRETE	2-#3 TOP 2-#4 BOT		
(Y)	2'-0"×6'-7 3/4"	1 3/4"	HOLLOW CORE INSTITUTIONAL			6 3/4"	7 A/12	11 A/12	6 A/12	NONE			UNDERCUT DOOR RM 127 3/4"
(Z)	2'-2 7/8"×6'-7 3/4"	1 3/4"	CLASS B TYPE WOOD			6"	10A A/12	19 A/12	19 A/12	PRECAST CONCRETE	2-#3 TOP 2-#4 BOT		WOOD FACE - MINERAL CORE "B" LABEL CONSTRUCTION - ONE HOUR FIREDOOR UNDERCUT 1/2-3/4"
(AA)				SEE DETAILS ON Y&D DWG # 814550									

NOTE: SECOND FLOOR ROOM NUMBERS RUN FROM 201 TO 258
THIRD FLOOR ROOM NUMBERS RUN FROM 301 TO 358
FOURTH FLOOR ROOM NUMBERS RUN FROM 401 TO 458





LEGEND AND ABBREVIATIONS

	CONCRETE
	CONCRETE MASONRY BLOCK
	STEEL STUD PARTITION
	PLASTER
TEL.	TELEPHONE BOOTH
F.E.	FIRE EXTINGUISHER
FT.²	SQUARE FEET
Y&D	YARDS AND DOCKS
NO.	NUMBER
SIM.	SIMILAR
CONC.	CONCRETE
C.	CHANNEL
P.M.	PICTURE MOLD.
M.B.	MASONRY BLOCK WITH
W.	METAL FLOOR
MG.	COVERING STOP
VEC.W.	VITREOUS ENAMELLED CEMENT WAINSCOT ON PLASTER

GRAPHIC SCALES
1/8" = 1'-0" 0 5' 10' 15' 20' 25' 30' 35' 40' 45'
1/4" = 1'-0" 0 5' 10' 15' 20' 25'
1/2" = 1'-0" 0 1' 2' 3' 4' 5' 10'

A1 REFERS TO Y&D DWG NO. 814538
A2 REFERS TO Y&D DWG NO 814539
A3 REFERS TO Y&D DWG NO. 814540
A4 REFERS TO Y&D DWG NO 814541
A7 REFERS TO Y&D DWG NO. 814544
A9 REFERS TO Y&D DWG NO. 814546
A10 REFERS TO Y&D DWG NO. 814547
A14 REFERS TO Y&D DWG NO 814551

13/A4 DETAIL NO. / DRAWING NO.

RECORD DRAWING 172 CHI
DATE 19 Nov. 64
P.W.C. DWG. NO. 13481-141

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-64	FIFE

REVISIONS

DPWO DRAWING NO. NBN-80 A-2 A & E

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

BACHELOR OFFICERS' QUARTERS

TYPICAL UPPER FLOORS AND ROOF PLANS

DRAWN BY: C.B.F.
CHECKED BY: J.C.
APP'D BY: C.B.K.

DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE-PROT. GLEASON
PROJ. ENGR. DREESEN
DIRECTOR SAUNDERS

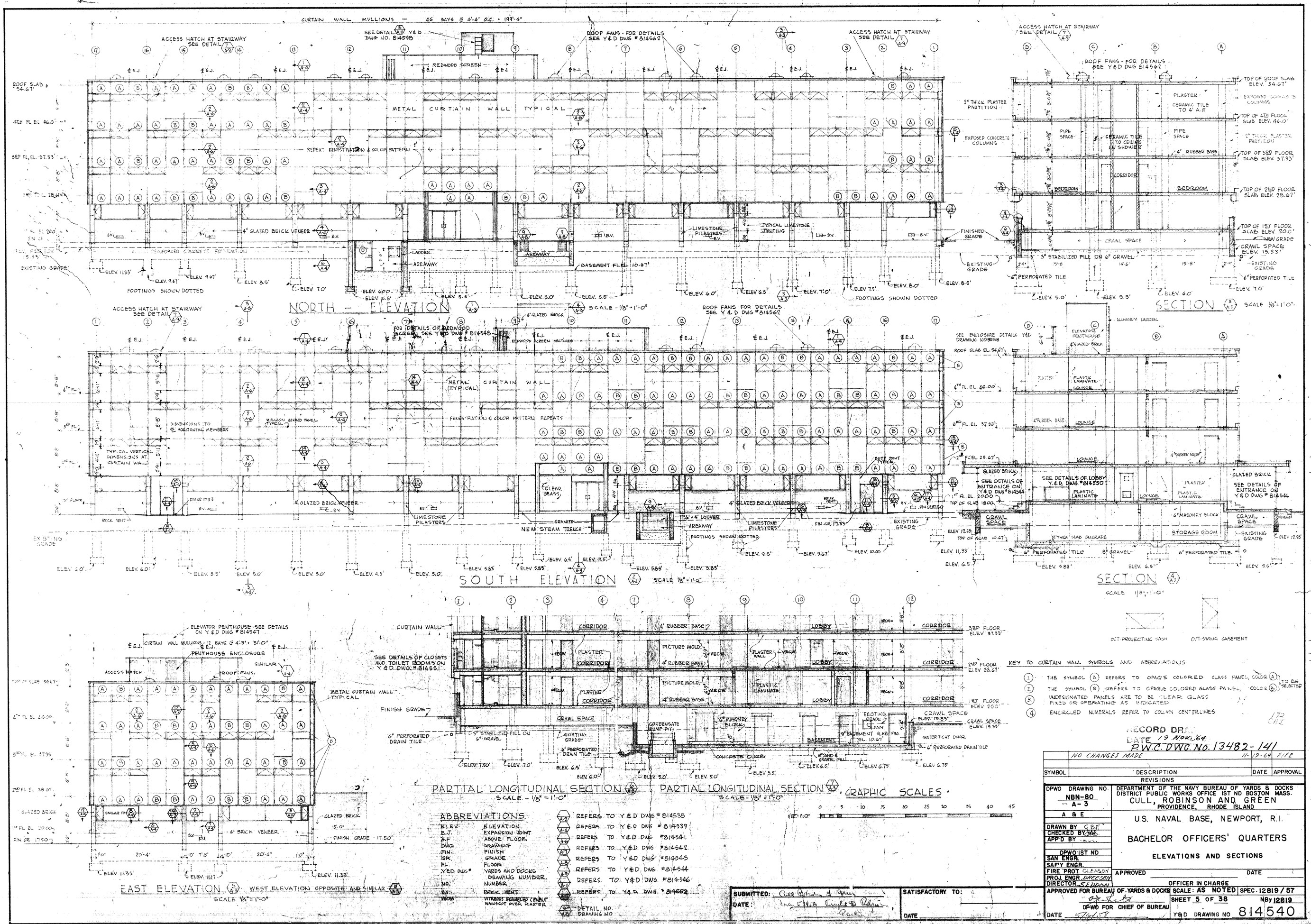
APPROVED DATE
OFFICER IN CHARGE

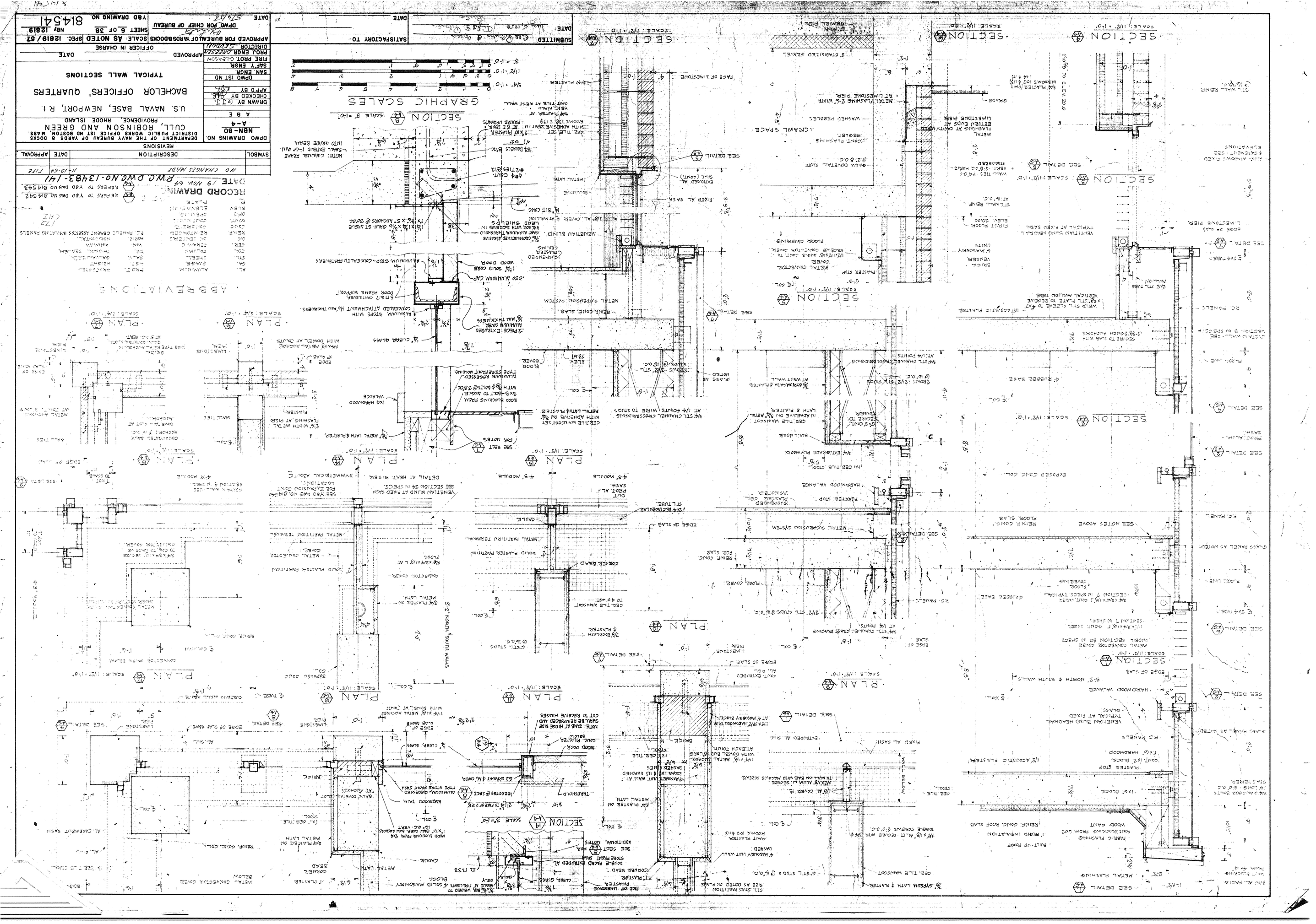
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/58

SCALE: AS NOTED SPEC. 12819/57
SHEET 4 OF 38 NBy 12819
Y&D DRAWING NO. 814539

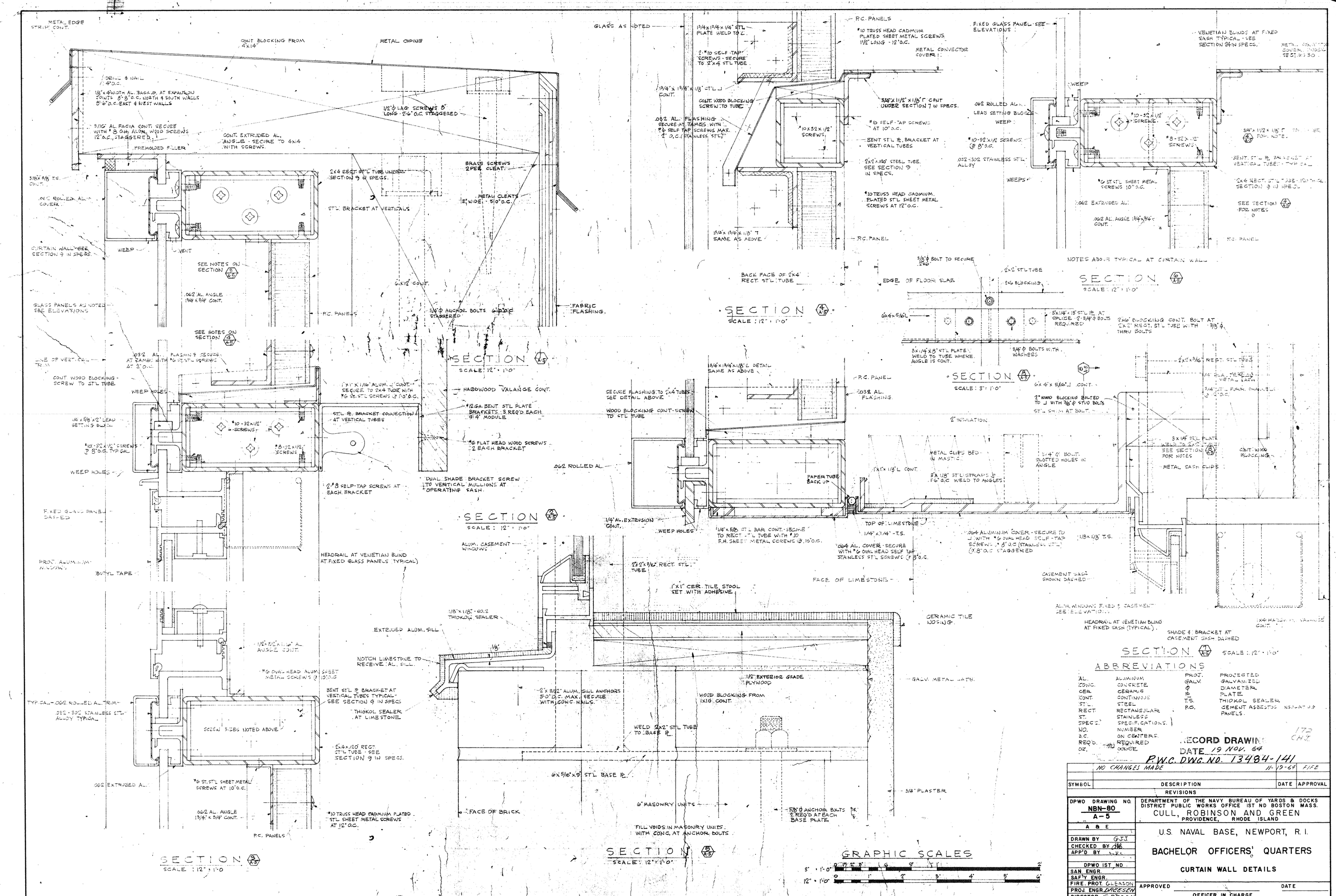
SUBMITTED: C.B.K.
DATE: May 5, 1958

SATISFACTORY TO:
DATE


CURTAIN WALL MULLIONS — 46 BAYS @ 4'-6" OC. = 199'-6"
ACCESS HATCH AT STAIRWAY SEE DETAIL
SEE DETAIL Y&D DWG NO. 814540
ROOF FANS - FOR DETAILS SEE Y&D DWG #814562
REDWOOD SCREEN
METAL CURTAIN WALL TYPICAL
REPEAT FENESTRATION & COLOR PATTERN
4" GLAZED BRICK VENEER
LIMESTONE PILASTERS
TYPICAL LIMESTONE JOINTING
FINISHED GRADE
EXISTING GRADE
REINFORCED CONCRETE FOUNDATION
FOOTINGS SHOWN DOTTED
AREAWAY
LADDER
BASEMENT FL EL 110.67'
NORTH - ELEVATION
SCALE - 1/8" = 1'-0"
FOR DETAILS OF REDWOOD SCREEN SEE Y&D DWG #814548
REDWOOD SCREEN SECTIONS
6" GLAZED BRICK
METAL CURTAIN WALL (TYPICAL)
FENESTRATION & COLOR PATTERN REPEATS
DIMENSIONS TO ℄ HORIZONTAL MEMBERS
TYPICAL VERTICAL DIMENSIONS AT CURTAIN WALL
MULLION BEND PANEL TYPICAL
CLEAR GLASS
NEW STEAM TRENCH
GRANITE
4'-4" LOUVER
BUTT JOINT TYPICAL
SOUTH ELEVATION
SCALE 1/8" = 1'-0"
SEE ENCLOSURE DETAILS Y&D DRAWING NO 814548
ALUMINUM LADDER
ELEVATOR PENTHOUSE
ROOF SLAB EL 54.67'
PLASTER
PLASTIC LAMINATE
LOUNGE
RUBBER BASE
GLAZED BRICK
SEE DETAILS OF LOBBY Y&D DWG #814550
SEE DETAILS OF ENTRANCE ON Y&D DWG #814544
CRAWL SPACE
STORAGE ROOM
MASONRY BLOCK
4" THICK SLAB ON GRADE
6" PERFORATED TILE
8" GRAVEL
SECTION
SCALE 1/8" = 1'-0"
OUT-PROJECTING SASH
OUT-SWING CASEMENT
ELEVATOR PENTHOUSE - SEE DETAILS ON Y&D DWG #814547
CURTAIN WALL MULLIONS - 12 BAYS @ 4'-8" = 51'-0"
PENTHOUSE ENCLOSURE
ACCESS HATCH
ROOF FANS
METAL CURTAIN WALL TYPICAL
GLAZED BRICK
4" BRICK VENEER
FINISH GRADE - 17.50'
EAST ELEVATION
WEST ELEVATION OPPOSITE AND SIMILAR
SCALE 1/8" = 1'-0"
CURTAIN WALL
CORRIDOR
LOBBY
PLASTER
PICTURE MOLD
4" RUBBER BASE
PLASTIC LAMINATE
CRAWL SPACE
6" MASONRY BLOCK
CONDENSATE PUMP PIT
BASEMENT
CONCRETE CURB
WATER TIGHT DOOR
6" PERFORATED DRAIN TILE
3RD FLOOR ELEV 37.33'
2ND FLOOR ELEV 28.67'
1ST FLOOR ELEV 20.0'
PARTIAL LONGITUDINAL SECTION
SCALE - 1/8" = 1'-0"
GRAPHIC SCALES
KEY TO CURTAIN WALL SYMBOLS AND ABBREVIATIONS
1. THE SYMBOL (A) REFERS TO OPAQUE COLORED GLASS PANEL, COLOR (A) TO BE SELECTED
2. THE SYMBOL (B) REFERS TO OPAQUE COLORED GLASS PANEL, COLOR (B) TO BE SELECTED
3. UNDESIGNATED PANELS ARE TO BE CLEAR GLASS FIXED OR OPERATING AS INDICATED
4. ENCIRCLED NUMERALS REFER TO COLUMN CENTERLINES
ABBREVIATIONS
ELEV. ELEVATION
E.J. EXPANSION JOINT
A.F. ABOVE FLOOR
DWG DRAWING
FIN. FINISH
GR. GRADE
FL. FLOOR
Y&D DWG# YARDS AND DOCKS DRAWING NUMBER
NO. NUMBER
B.V. BRICK VENT
VECW VITREOUS ENAMELED CERAMIC WAINSCOT OVER PLASTER
REFERS TO Y&D DWG #814538
REFERS TO Y&D DWG #814539
REFERS TO Y&D DWG #814541
REFERS TO Y&D DWG #814542
REFERS TO Y&D DWG #814543
REFERS TO Y&D DWG #814544
REFERS TO Y&D DWG #814546
REFERS TO Y&D DWG #814552
DETAIL NO. DRAWING NO
RECORD DRAWING
DATE 19 NOV. 64
P.W.C. DWG. No. 13482-141
NO CHANGES MADE 11-19-64 FIFE
SYMBOL DESCRIPTION DATE APPROVAL
REVISIONS
DPWO DRAWING NO. NBN-80 A-3
A & E
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
ELEVATIONS AND SECTIONS
DRAWN BY C.B.F.
CHECKED BY
APP'D BY
DPWO 1ST ND
SAN ENGR.
SAFY ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DIRESTA
DIRECTOR SULLIVAN
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE
OFFICER IN CHARGE
SCALE: AS NOTED
SPEC. 12819/57
SHEET 5 OF 38
NBy 12819
Y&D DRAWING NO 814540
SUBMITTED:
DATE:
SATISFACTORY TO:
DATE



DPWO DRAWING NO. NBN-80 A-4
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON, MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
TYPICAL WALL SECTIONS
DRAWN BY
CHECKED BY
APP'D BY
DPWO 1ST ND
SAN. ENGR.
SAF'Y. ENGR.
FIRE PROT. CLEASON
PROJ. ENGR. DEESEN
DIRECTOR CEDDON
APPROVED
OFFICER IN CHARGE
DATE
APPROVED FOR BUREAU OF YARDS & DOCKS
SCALE AS NOTED
SPEC. 12819/57
SHEET 6 OF 38
NBY 12819
Y&D DRAWING NO. 814541
DATE
DPWO FOR CHIEF OF BUREAU
SUBMITTED
SATISFACTORY TO
REVISIONS
SYMBOL
DESCRIPTION
DATE
APPROVAL
NO CHANGES MADE
11-19-69
FILE
RECORD DRAWING
DATE 19 NOV. 69
P.W.C. DWG. NO. 13483-141
REFERS TO Y&D DWG NO 814542
REFERS TO Y&D DWG NO 814543
ABBREVIATIONS
GRAPHIC SCALES
SECTION
PLAN



NOTE: ALL SECTIONS THIS DRAWING, SCALE: 12" = 1'-0"

ABBREVIATIONS

AL.	ALUMINUM	PROJ.	PROJECTED
CONC.	CONCRETE	GALV.	GALVANIZED
CER.	CERAMIC	⌀	DIAMETER
CONT.	CONTINUOUS	PL	PLATE
ST'L.	STEEL	T.S.	THIOKOL SEALER
RECT.	RECTANGULAR	P.C.	CEMENT ASBESTOS INSULATING PANELS.
ST.	STAINLESS		
SPECS.	SPECIFICATIONS.		
NO.	NUMBER		
O.C.	ON CENTERS.		
REQ'D.	REQUIRED		
OZ.	OUNCE		

RECORD DRAWING
DATE 19 NOV. 64
P.W.C. DWG. NO. 13484-141

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-64	FIFE

REVISIONS

DPWO DRAWING NO. NBN-80 A-5

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

A & E

DRAWN BY G.J.J.
CHECKED BY [illegible]
APP'D BY [illegible]

DPWO 1ST ND
SAN ENGR.
SAF'Y ENGR.
FIRE. PROT. G. LEASON
PROJ. ENGR. DREESEN
DIRECTOR SEDDON

U.S. NAVAL BASE, NEWPORT, R.I.

BACHELOR OFFICERS' QUARTERS

CURTAIN WALL DETAILS

APPROVED _____ DATE _____
OFFICER IN CHARGE

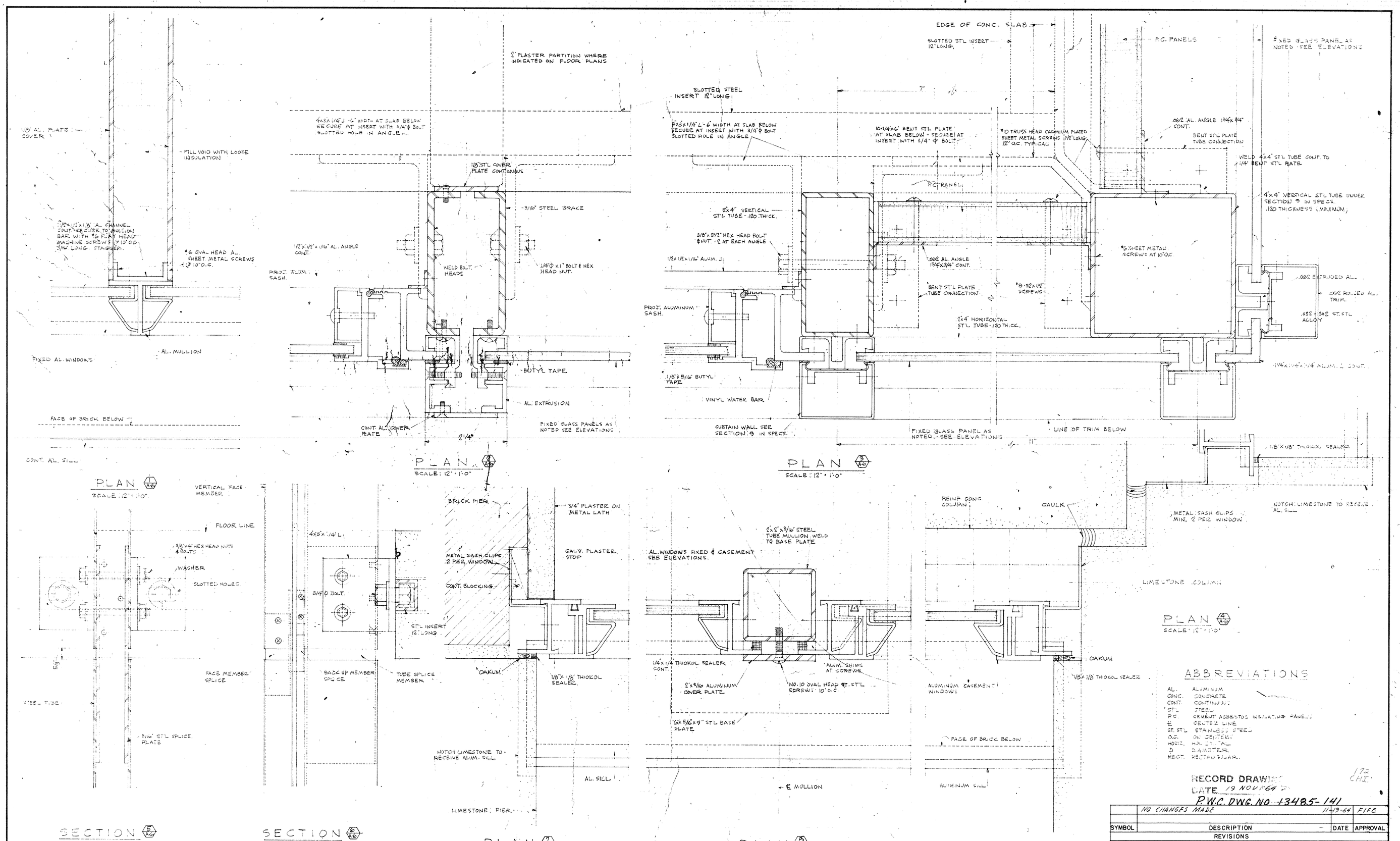
APPROVED FOR BUREAU OF YARDS & DOCKS
[signature]
DPWO FOR CHIEF OF BUREAU
DATE 5/6/58

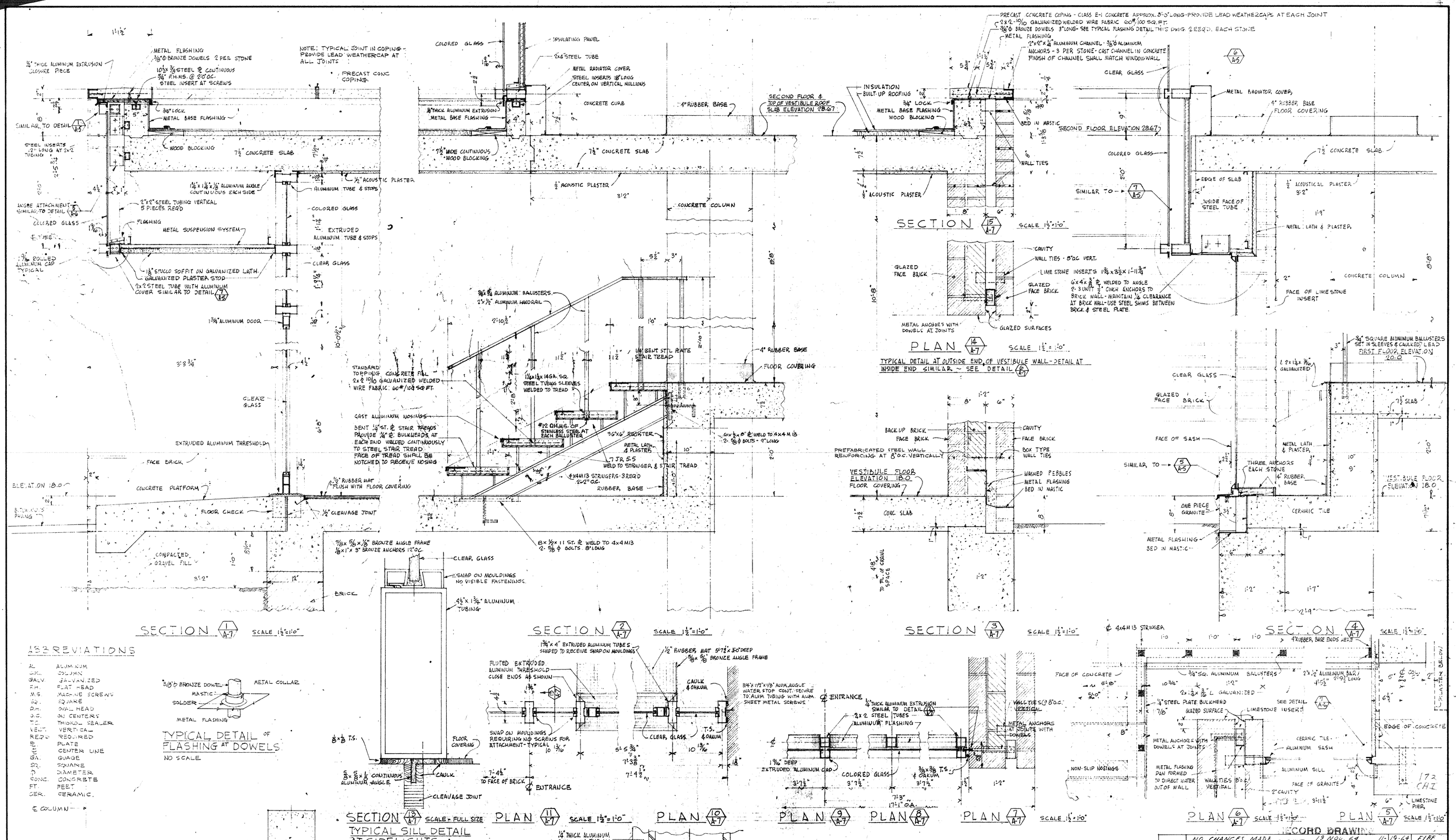
SCALE: AS NOTED | SPEC. 12819/57
SHEET 7 OF 38 | NBy 12819
Y & D DRAWING NO. 814542

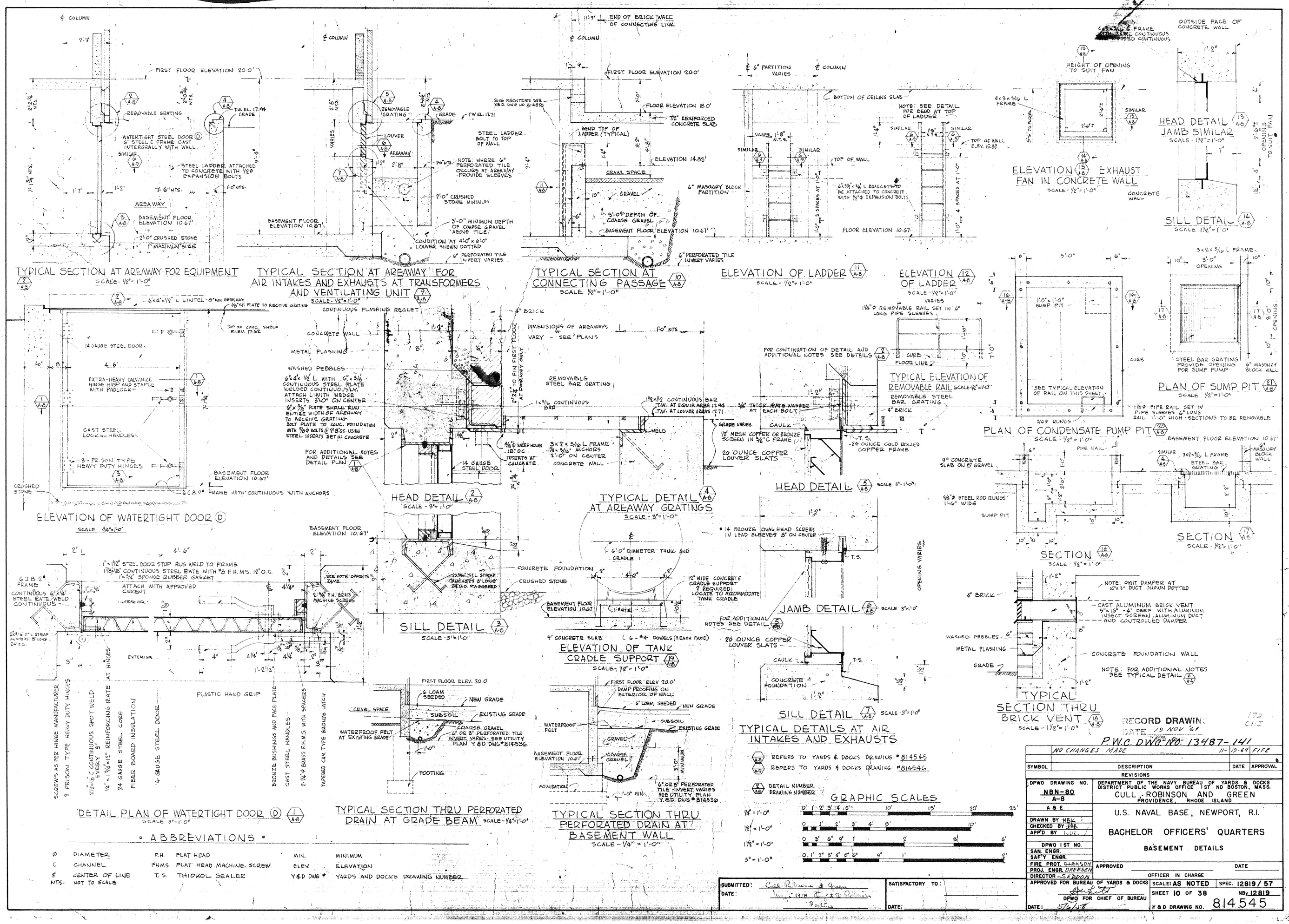
SUBMITTED: Cull Robinson & Green
DATE: May 1, 1958 Cullet & Robinson Portia

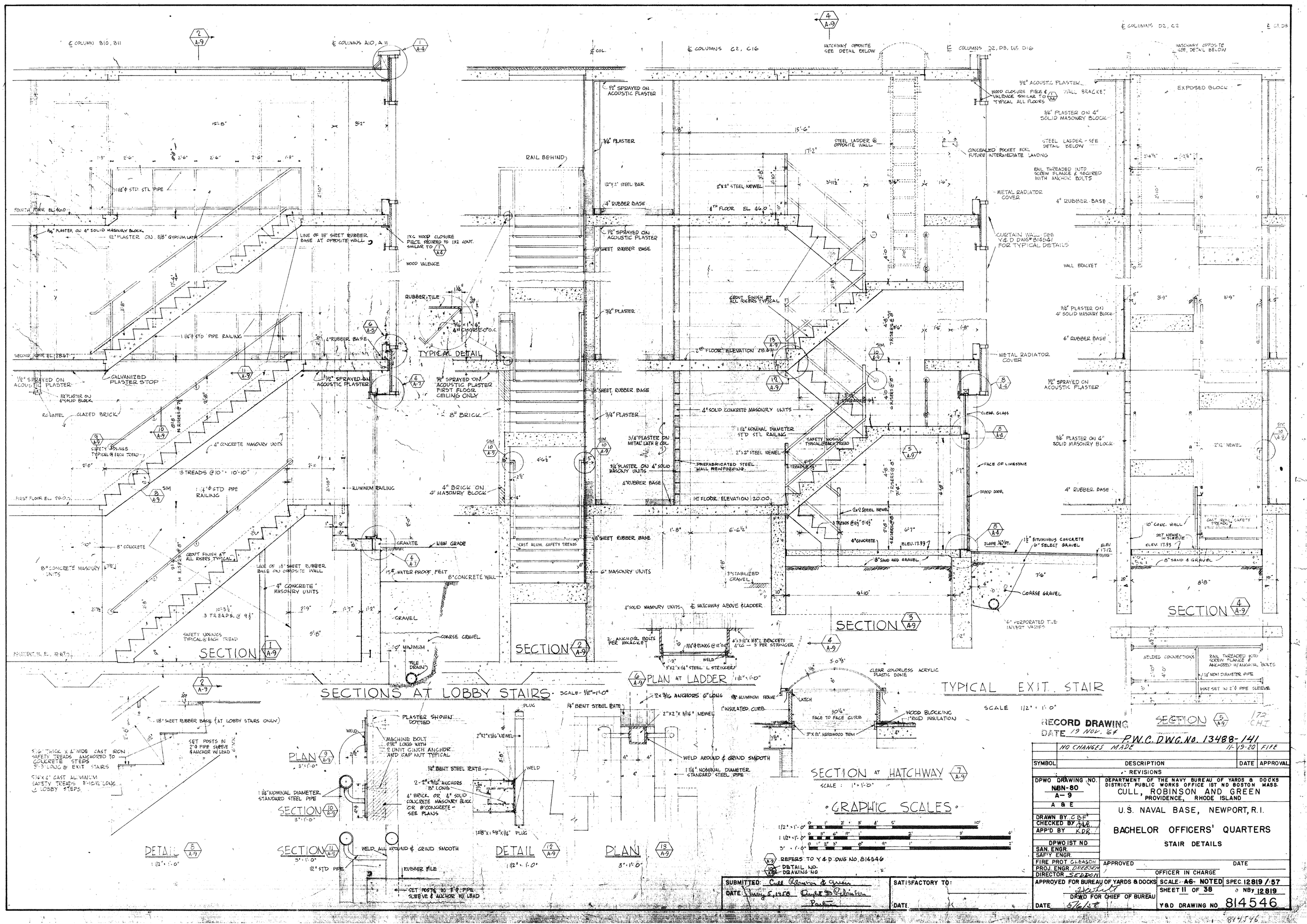
SATISFACTORY TO:
DATE

814542


1/8" AL. PLATE COVER
FILL VOID WITH LOOSE INSULATION
1/2"x1/2"x1/8" AL. CHANNEL CONT. SECURE TO MULLION BAR WITH #6 FLAT HEAD MACHINE SCREWS @ 10" O.C. 3/4" LONG STAGGER.
#6 OVAL HEAD AL. SHEET METAL SCREWS @ 10" O.C.
FIXED AL. WINDOWS
AL. MULLION
FACE OF BRICK BELOW
CONT. AL. SILL
PLAN
SCALE: 12" = 1'-0"
2" PLASTER PARTITION WHERE INDICATED ON FLOOR PLANS
4x3x1/4" L - 6" WIDTH AT SLAB BELOW SECURE AT INSERT WITH 3/4"ϕ BOLT SLOTTED HOLE IN ANGLE.
1/8" ST'L COVER PLATE CONTINUOUS
3/16" STEEL BRACE
1/2"x1/2"x1/16" AL. ANGLE CONT.
WELD BOLT HEADS
1/4"ϕ x 1" BOLT & HEX HEAD NUT.
PROJ. ALUM. SASH.
BUTYL TAPE
AL. EXTRUSION
CONT. AL. COVER PLATE
FIXED GLASS PANELS AS NOTED SEE ELEVATIONS
2 1/4"
PLAN
SCALE: 12" = 1'-0"
EDGE OF CONC. SLAB
SLOTTED ST'L INSERT 12" LONG.
P.C. PANELS
FIXED GLASS PANEL AS NOTED - SEE ELEVATIONS
SLOTTED STEEL INSERT 12" LONG
4x3x1/4" L - 6" WIDTH AT SLAB BELOW SECURE AT INSERT WITH 3/4"ϕ BOLT SLOTTED HOLE IN ANGLE
10x1/4x6" BENT ST'L PLATE AT SLAB BELOW - SECURE AT INSERT WITH 3/4" ϕ BOLT
#10 TRUSS HEAD CADMIUM PLATED SHEET METAL SCREWS 1 1/2" LONG 12" O.C. TYPICAL
.062 AL. ANGLE 1 3/4x3/4" CONT.
BENT ST'L PLATE TUBE CONNECTION
WELD 4x4" ST'L TUBE CONT. TO 1/4" BENT ST'L PLATE
P.C. PANEL
4x4" VERTICAL ST'L TUBE UNDER SECTION 9 IN SPECS. .120 THICKNESS (MINIMUM)
2x4" VERTICAL ST'L TUBE - .120 THICK.
3/8"x3 1/2" HEX HEAD BOLT & NUT - 2 AT EACH ANGLE
1 1/2x1 1/2x1/16" ALUM. L
.062 AL. ANGLE 1 3/4x3/4" CONT.
#8 SHEET METAL SCREWS AT 10" O.C.
.062 EXTRUDED AL.
.062 ROLLED AL. TRIM.
.032 - 302 ST. STL. ALLOY
BENT ST'L PLATE TUBE CONNECTION
#8 - 32x1/2" SCREWS
PROJ. ALUMINUM SASH.
2x4" HORIZONTAL ST'L TUBE - .120 TH. CK.
1/4x1/4x3/4" ALUM. L CONT.
1/8"x 3/16" BUTYL TAPE
VINYL WATER BAR
CURTAIN WALL SEE SECTION 9 IN SPECS.
FIXED GLASS PANEL AS NOTED - SEE ELEVATIONS
LINE OF TRIM BELOW
1/8"x1/8" THIOKOL SEALER
PLAN
SCALE: 12" = 1'-0"
VERTICAL FACE MEMBER
FLOOR LINE
3/8"x4" HEX HEAD NUTS & BOLTS
WASHER
SLOTTED HOLES
FACE MEMBER SPLICE
STEEL TUBE
3/16" ST'L SPLICE PLATE
SECTION
SCALE: 6" = 1'-0"
4x3x1/4" L
3/4"ϕ BOLT.
ST'L INSERT 12" LONG
BACK UP MEMBER SPLICE
TUBE SPLICE MEMBER
SECTION
SCALE: 6" = 1'-0"
BRICK PIER
3/4" PLASTER ON METAL LATH
METAL SASH CLIPS 2 PER WINDOW
GALV. PLASTER STOP
CONT. BLOCKING
OAKUM
1/8"x 1/8" THIOKOL SEALER
NOTCH LIMESTONE TO RECEIVE ALUM. SILL
AL. SILL
LIMESTONE PIER
PLAN
SCALE: 12" = 1'-0"
AL. WINDOWS FIXED & CASEMENT SEE ELEVATIONS.
2"x2"x3/16" STEEL TUBE MULLION WELD TO BASE PLATE
1/4x1/4 THIOKOL SEALER CONT.
2"x3/16" ALUMINUM COVER PLATE
NO. 10 OVAL HEAD ST. ST'L SCREWS - 10" O.C.
ALUM. SHIMS AT SCREWS
6"x3/16"x9" ST'L BASE PLATE
℄ MULLION
PLAN
SCALE: 12" = 1'-0"
REINF. CONC. COLUMN
CAULK
METAL SASH CLIPS MIN. 2 PER WINDOW
NOTCH LIMESTONE TO RECEIVE AL. SILL
LIMESTONE COLUMN
OAKUM
1/8"x 1/8" THIOKOL SEALER
ALUMINUM CASEMENT WINDOWS
FACE OF BRICK BELOW
ALUMINUM SILL
PLAN
SCALE: 12" = 1'-0"
ABBREVIATIONS
AL. ALUMINUM
CONC. CONCRETE
CONT. CONTINUOUS
ST'L. STEEL
P.C. CEMENT ASBESTOS INSULATING PANELS
℄ CENTER LINE
ST. STL. STAINLESS STEEL
O.C. ON CENTER
HORIZ. HORIZONTAL
ϕ DIAMETER
RECT. RECTANGULAR
DETAIL NUMBER
DRAWING NUMBER
REFERS TO YARDS AND DOCKS DRAWING # 814543
SEALING COMPOUND GASKET WHERE HORIZONTALS JOIN VERTICALS
STEEL TUBE
TYPICAL GASKET DETAIL
SCALE: 12" = 1'-0"
TAPE OVER FULL CONCEALED EDGES OF GLASS
GLASS AS NOTED
RESILIANT TAPE
TRIM
TYPICAL CURTAIN WALL GLAZING DETAIL
SCALE: 12" = 1'-0"
GRAPHIC SCALES
6" = 1'-0"
12" = 1'-0"
SUBMITTED: Cull, Robinson & Green
DATE: May 5, 1958
SATISFACTORY TO:
DATE
RECORD DRAWING
DATE 19 NOV 64
P.W.C. DWG. NO. 13485-141
NO CHANGES MADE 11-19-64 FIFE
SYMBOL DESCRIPTION DATE APPROVAL
REVISIONS
DPWO DRAWING NO NBN-80 A-6
A & E
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
CURTAIN WALL DETAILS
DRAWN BY G.J.
CHECKED BY A.C.
APP'D BY KDR
DPWO 1ST ND
SAN ENGR.
SAF'Y ENGR.
FIRE PROT. O'LEASON
PROJ ENGR DREESEN
DIRECTOR SEEDMAN
APPROVED DATE
OFFICER IN CHARGE
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/58
SCALE:
SPEC. 12819 / 57
SHEET 8 OF 38
NBy 12819
Y&D DRAWING NO 814543

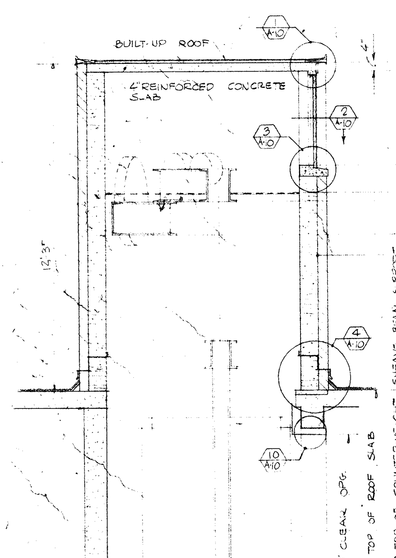

SECTION 1/A-7 SCALE 1½"=1'-0"
SECTION 2/A-7 SCALE 1½"=1'-0"
SECTION 3/A-7 SCALE 1½"=1'-0"
SECTION 4/A-7 SCALE 1½"=1'-0"
SECTION 13/A-7 SCALE - FULL SIZE
TYPICAL SILL DETAIL AT SIDELIGHTS
SECTION 15/A-7 SCALE 1½"=1'-0"
PLAN 14/A-7 SCALE 1½"=1'-0"
TYPICAL DETAIL AT OUTSIDE END OF VESTIBULE WALL - DETAIL AT INSIDE END SIMILAR - SEE DETAIL 16/A-7
PLAN 11/A-7 SCALE 1½"=1'-0"
PLAN 10/A-7
PLAN 9/A-7
PLAN 8/A-7
PLAN 7/A-7 SCALE 1½"=1'-0"
PLAN 6/A-7 SCALE 1½"=1'-0"
PLAN 5/A-7 SCALE 1½"=1'-0"
PLAN 16/A-7 SCALE 1½"=1'-0"
PLAN 17/A-7 SCALE 1½"=1'-0"
PLAN 12/A-7 SCALE FULL SIZE
TYPICAL DETAIL OF FLASHING AT DOWELS
NO SCALE
ABBREVIATIONS
AL. ALUMINUM
COL. COLUMN
GALV. GALVANIZED
F.H. FLAT HEAD
M.S. MACHINE SCREWS
SQ. SQUARE
R.H. ROUND HEAD
O.C. ON CENTERS
T.S. THIOKOL SEALER
VERT. VERTICAL
REQ'D REQUIRED
PL. PLATE
℄ CENTER LINE
GA. GUAGE
SQ. SQUARE
Ø DIAMETER
CONC. CONCRETE
FT. FEET
CER. CERAMIC
℄ COLUMN
GRAPHIC SCALES
12" = 1'-0"
1½" = 1'-0"
RECORD DRAWING
NO CHANGES MADE 19 NOV. 64 11-19-64 FIRE
P.W.C. DWG. NO. 13486-141
SYMBOL DESCRIPTION DATE APPROVAL
REVISIONS
DPWO DRAWING NO. NBN-80 A-7
A & E
DRAWN BY JAB
CHECKED BY JAB
APP'D. BY KDR
DPWO 1ST ND
SAN. ENGR.
SAP'Y ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DRESSIN
DIRECTOR SEDDON
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
ENTRANCE DETAILS
APPROVED DATE
OFFICER IN CHARGE
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/68
SCALE: AS NOTED
SPEC. 12819/57
SHEET 9 OF 38
NBy 12819
Y&D DRAWING NO. 814544
SUBMITTED:
DATE:
SATISFACTORY TO:
DATE

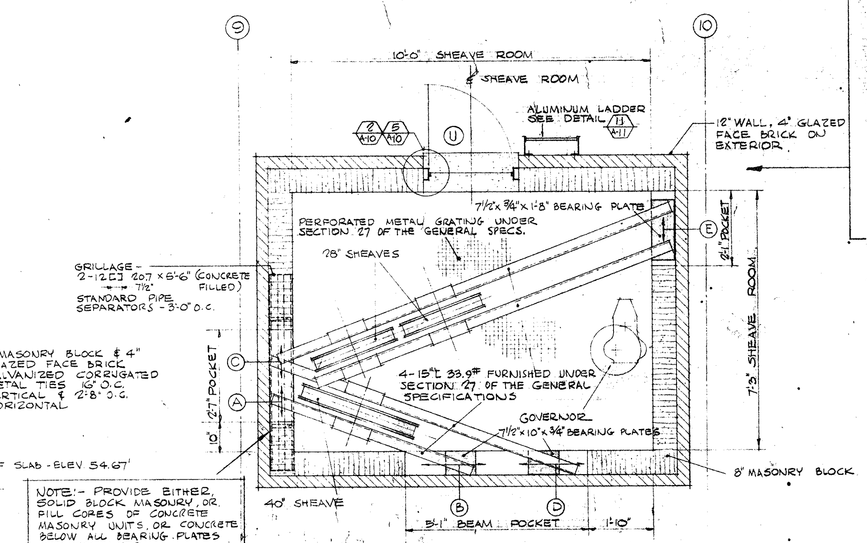

TYPICAL SECTION AT AREAWAY FOR EQUIPMENT
SCALE - 1/2" = 1'-0"
TYPICAL SECTION AT AREAWAY FOR AIR INTAKES AND EXHAUSTS AT TRANSFORMERS AND VENTILATING UNIT
SCALE - 1/2" = 1'-0"
TYPICAL SECTION AT CONNECTING PASSAGE
SCALE 1/2" = 1'-0"
ELEVATION OF LADDER
SCALE - 1/2" = 1'-0"
ELEVATION OF LADDER
SCALE - 1/2" = 1'-0"
ELEVATION FAN IN CONCRETE WALL EXHAUST
SCALE - 1/2" = 1'-0"
HEAD DETAIL
JAMB SIMILAR
SCALE - 1 1/2" = 1'-0"
SILL DETAIL
SCALE 1 1/2" = 1'-0"
ELEVATION OF WATERTIGHT DOOR D
SCALE 3/4" = 1'-0"
HEAD DETAIL
SCALE 3" = 1'-0"
TYPICAL DETAIL AT AREAWAY GRATINGS
SCALE - 3" = 1'-0"
TYPICAL ELEVATION OF REMOVABLE RAIL
SCALE 1/2" = 1'-0"
HEAD DETAIL
SCALE 3" = 1'-0"
PLAN OF SUMP PIT
SCALE 1/2" = 1'-0"
PLAN OF CONDENSATE PUMP PIT
SCALE - 1/2" = 1'-0"
SECTION
SCALE - 1/2" = 1'-0"
SECTION
SCALE - 1/2" = 1'-0"
SILL DETAIL
SCALE - 3" = 1'-0"
JAMB DETAIL
SCALE 3" = 1'-0"
SILL DETAIL
SCALE 3" = 1'-0"
TYPICAL SECTION THRU BRICK VENT
SCALE - 1 1/2" = 1'-0"
ELEVATION OF TANK CRADLE SUPPORT
SCALE - 1/2" = 1'-0"
TYPICAL DETAILS AT AIR INTAKES AND EXHAUSTS
REFERS TO YARDS & DOCKS DRAWING #814545
REFERS TO YARDS & DOCKS DRAWING #814546
DETAIL NUMBER
DRAWING NUMBER
DETAIL PLAN OF WATERTIGHT DOOR D
SCALE 3" = 1'-0"
TYPICAL SECTION THRU PERFORATED DRAIN AT GRADE BEAM
SCALE - 1/4" = 1'-0"
TYPICAL SECTION THRU PERFORATED DRAIN AT BASEMENT WALL
SCALE - 1/4" = 1'-0"
GRAPHIC SCALES
1/4" = 1'-0"
1/2" = 1'-0"
1 1/2" = 1'-0"
3" = 1'-0"
ABBREVIATIONS
Ø DIAMETER
C CHANNEL
℄ CENTER OF LINE
NTS. NOT TO SCALE
F.H. FLAT HEAD
F.H.M.S. FLAT HEAD MACHINE SCREW
T.S. THIOKOL SEALER
MIN. MINIMUM
ELEV. ELEVATION
Y&D DWG # YARDS AND DOCKS DRAWING NUMBER
RECORD DRAWING
DATE 19 NOV '64
P.W.C. DWG. NO. 13487-141
NO CHANGES MADE 11-19-64 FIFE
SYMBOL DESCRIPTION DATE APPROVAL
REVISIONS
DPWO DRAWING NO. NBN-80 A-8
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON, MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
BASEMENT DETAILS
DRAWN BY HBK
CHECKED BY JAB
APP'D BY
DPWO 1ST NO.
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. CLEASON
PROJ. ENGR. DREESEN
DIRECTOR - SEDDON
APPROVED
DATE
OFFICER IN CHARGE
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE: 5/4/48
SCALE: AS NOTED
SPEC. 12819/57
SHEET 10 OF 38
NBy 12819
Y & D DRAWING NO. 814545
SUBMITTED:
DATE:
SATISFACTORY TO:
DATE:


℄ COLUMN B10, B11
℄ COLUMNS A10, A11
℄ COL.
℄ COLUMNS C2, C16
HATCHWAY OPPOSITE SEE DETAIL BELOW
℄ COLUMNS B2, D8, D15, D16
℄ COLUMNS D2, C2
HATCHWAY OPPOSITE SEE DETAIL BELOW
1½" ACOUSTIC PLASTER
WOOD CLOSURE PIECE & VALENCE SIMILAR TO WALL BRACKET TYPICAL ALL FLOORS
EXPOSED BLOCK
3/4" PLASTER ON 4" SOLID MASONRY BLOCK
STEEL LADDER @ OPPOSITE WALL
STEEL LADDER - SEE DETAIL BELOW
CONCEALED POCKET FOR FUTURE INTERMEDIATE LANDING
RAIL THREADED INTO SCREW FLANGE & SECURED WITH ANCHOR BOLTS
METAL RADIATOR COVER
4" RUBBER BASE
CURTAIN WALL SEE Y&D DWG# 814541 FOR TYPICAL DETAILS
WALL BRACKET
1½" SPRAYED ON ACOUSTIC PLASTER
RAIL BEHIND
3/4" PLASTER
1½"x2" STEEL BAR
4" RUBBER BASE
1½" SPRAYED ON ACOUSTIC PLASTER
1/8" SHEET RUBBER BASE
1½" SPRAYED ON ACOUSTIC PLASTER FIRST FLOOR CEILING ONLY
8" BRICK
3/4" PLASTER
4" RUBBER BASE
TYPICAL DETAIL
1 1/4" STD PIPE RAILING
GALVANIZED PLASTER STOP
3/4" PLASTER ON 4" SOLID BLOCK
LINTEL
GLAZED BRICK
SAFETY NOSINGS TYPICAL @ EACH TREAD
4" CONCRETE MASONRY UNITS
13 TREADS @ 10" = 10'-10"
1 1/4" ø STD PIPE RAILING
ALUMINUM RAILING
4" BRICK ON 4" MASONRY BLOCK
8" CONCRETE
8" CONCRETE MASONRY UNITS
GROUT FINISH AT ALL RISERS TYPICAL
LINE OF 1/8" SHEET RUBBER BASE ON OPPOSITE WALL
4" CONCRETE MASONRY UNITS
3 TREADS @ 9 1/2"
SAFETY NOSINGS TYPICAL @ EACH TREAD
GRANITE
NEW GRADE
15# WATER PROOF FELT
8" CONCRETE WALL
GRAVEL
COARSE GRAVEL
12" MINIMUM
TILE DRAIN
SECTION 1 A-9
SECTION 2 A-9
SECTIONS AT LOBBY STAIRS · SCALE - 1/2" = 1'-0"
1/8" SHEET RUBBER BASE
3/4" PLASTER
4" SOLID CONCRETE MASONRY UNITS
1 1/4" NOMINAL DIAMETER STD STL RAILING
2"x2" STEEL NEWEL
PREFABRICATED STEEL WALL REINFORCING
4" RUBBER BASE
1ST FLOOR ELEVATION 20.00
CAST ALUM. SAFETY TREADS
6" MASONRY UNITS
3" STABILIZED GRAVEL
2ND FLOOR ELEVATION 28.67
GROUT FINISH AT ALL RISERS TYPICAL
4" CONCRETE
ELEV. 17.33
8" SAND AND GRAVEL
SLOPE 1/4"/FT.
1½" BITUMINOUS CONCRETE
6" SELECT GRAVEL
COARSE GRAVEL
6" PERFORATED T.E. INVERT VARIES
SECTION 3 A-9
SECTION 4 A-9
10" CONC. WALL
SET NEWEL IN SLEEVE
ELEV. 17.33
8" SAND & GRAVEL
WELDED CONNECTIONS
RAIL THREADED INTO SCREW FLANGE & ANCHORED W/ ANCHOR BOLTS
1 1/4" NOM. DIAMETER PIPE
POST SET IN 2" ø PIPE SLEEVE
SECTION 5 A-9
4" SOLID MASONRY UNITS
℄ HATCHWAY ABOVE LADDER
2 ANCHOR BOLTS PER BRACKET
3/4" ø RUNGS @ 12" O.C.
6"x3 1/2"x 3/8" L BRACKETS 4" LG. - 3 PER STRINGER
3"x2"x1/4" STEEL L STRINGERS
WELD
PLAN AT LADDER 6 A-9
1/4" = 1'-0"
CLEAR COLORLESS ACRYLIC PLASTIC DOME
1/8" ALUMINUM FRAME
1" INSULATED CURB
LATCH
30 1/4" FACE TO FACE CURB
WOOD BLOCKING 1" RIGID INSULATION
3"x 1 1/2" HARDWOOD TRIM
SECTION AT HATCHWAY 7 A-9
SCALE : 1" = 1'-0"
TYPICAL EXIT STAIR
SCALE 1 1/2" = 1'-0"
SECTION 5 A-9
1/8" SHEET RUBBER BASE (AT LOBBY STAIRS ONLY)
5/16" THICK x 4" WIDE CAST IRON SAFETY TREADS ANCHORED TO CONCRETE STEPS 2'-3" LONG @ EXIT STAIRS
5/16" x 2" CAST ALUMINUM SAFETY TREADS 3'-10 1/2" LONG @ LOBBY STEPS
SET POSTS IN 2" ø PIPE SLEEVE & ANCHOR W/ LEAD
PLAN 9 A-9
3" = 1'-0"
PLASTER SHOWN DOTTED
WELD
MACHINE BOLT 2 1/2" LONG WITH 2 UNIT GINCH ANCHOR AND CAP NUT TYPICAL
1/4" BENT STEEL PLATE
2-2" x 3/16" ANCHORS 3" LONG
4" BRICK OR 4" SOLID CONCRETE MASONRY BLOCK OR 8" CONCRETE - SEE PLANS
1 1/4" NOMINAL DIAMETER STANDARD STEEL PIPE
SECTION 10 A-9
3" = 1'-0"
DETAIL 8 A-9
1 1/2" = 1'-0"
PLUG
2"x2"x3/16" NEWEL
WELD
1/4" BENT STEEL PLATE
1/8" x 1 5/8" x 1 1/4" PLUG
DETAIL 12 A-9
1 1/2" = 1'-0"
12"x2"x3/16" ANCHORS 6" LONG
2"x2"x3/16" NEWEL
WELD AROUND & GRIND SMOOTH
1 1/4" NOMINAL DIAMETER STANDARD STEEL PIPE
PLAN 13 A-9
3" = 1'-0"
SECTION 11 A-9
3" = 1'-0"
WELD ALL AROUND & GRIND SMOOTH
1 1/2" STD PIPE
RUBBER TILE
SET POSTS IN 2" ø PIPE SLEEVE & ANCHOR W/ LEAD
GRAPHIC SCALES
1 1/2" = 1'-0"
3" = 1'-0"
REFERS TO Y&D DWG NO. 814546
DETAIL NO.
DRAWING NO.
SUBMITTED: Cull Robinson & Green
DATE: July 5, 1958
SATISFACTORY TO:
DATE:
RECORD DRAWING
DATE 19 NOV. '64
P.W.C. DWG. No. 13488-141
NO CHANGES MADE 11-19-20 FIFE
SYMBOL DESCRIPTION DATE APPROVAL
REVISIONS
DPWO DRAWING NO. NBN-80 A-9
A & E
DRAWN BY C.G.F.
CHECKED BY
APP'D BY KDR
DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT GLEASON
PROJ. ENGR. DREESEN
DIRECTOR SEDDON
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
STAIR DETAILS
APPROVED
DATE
OFFICER IN CHARGE
APPROVED FOR BUREAU OF YARDS & DOCKS
DRWD FOR CHIEF OF BUREAU
DATE 5/6/58
SCALE AS NOTED
SPEC 12819/57
SHEET 11 OF 38
NBy 12819
Y&D DRAWING NO 814546

NOTE:-
TOP OF BEARING PLATE 'A-C' AND 'B-D' TO BE 14'-5" ABOVE 4TH FLOOR.
TOP OF BEARING PLATE 'E' TO BE 15'-8" ABOVE 4TH FLOOR.
POCKET 'A-C' TO BE 2'-10" HIGH AND POCKETS 'B-D' AND 'E' TO BE 1'-7" HIGH ABOVE BEARING PLATES.
PATCHING OF POCKETS, AFTER BEAMS ARE SET, SHALL BE DONE UNDER SECTION-5 OF THE GENERAL SPECIFICATIONS.
BEARING PLATES AND GRILLAGES SHALL BE FURNISHED AND INSTALLED UNDER SECTION-6 OF THE GENERAL SPECIFICATIONS.

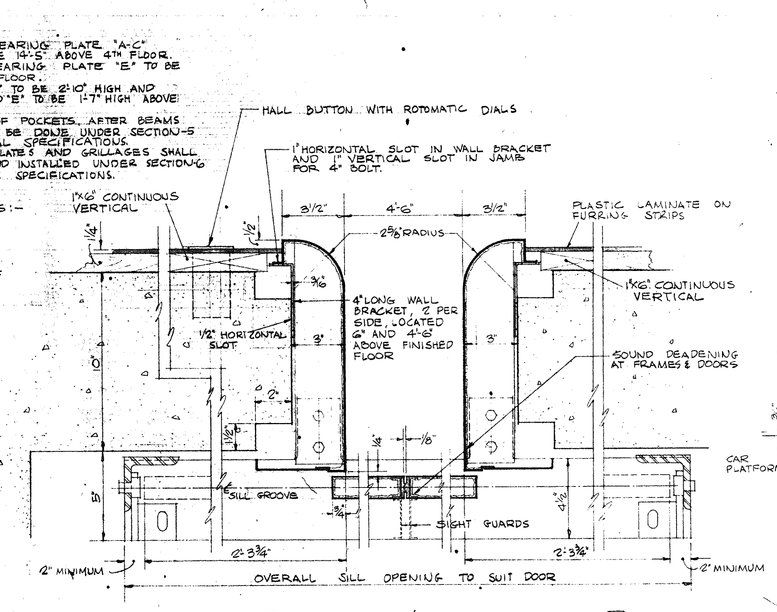
REACTIONS:-
(A) 9,500#
(B) 9,500#
(C) 28,000#
(D) 5,500#
(E) 10,250#





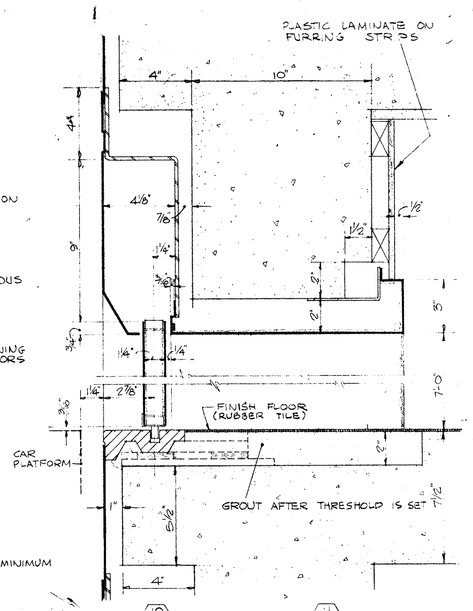
NOTE:- PROVIDE EITHER SOLID BLOCK MASONRY, OR FILL CORES OF CONCRETE MASONRY UNITS, OR CONCRETE BELOW ALL BEARING PLATES AND GRILLAGES

SHEAVE ROOM PLAN
SCALE 1/2" = 1'-0"

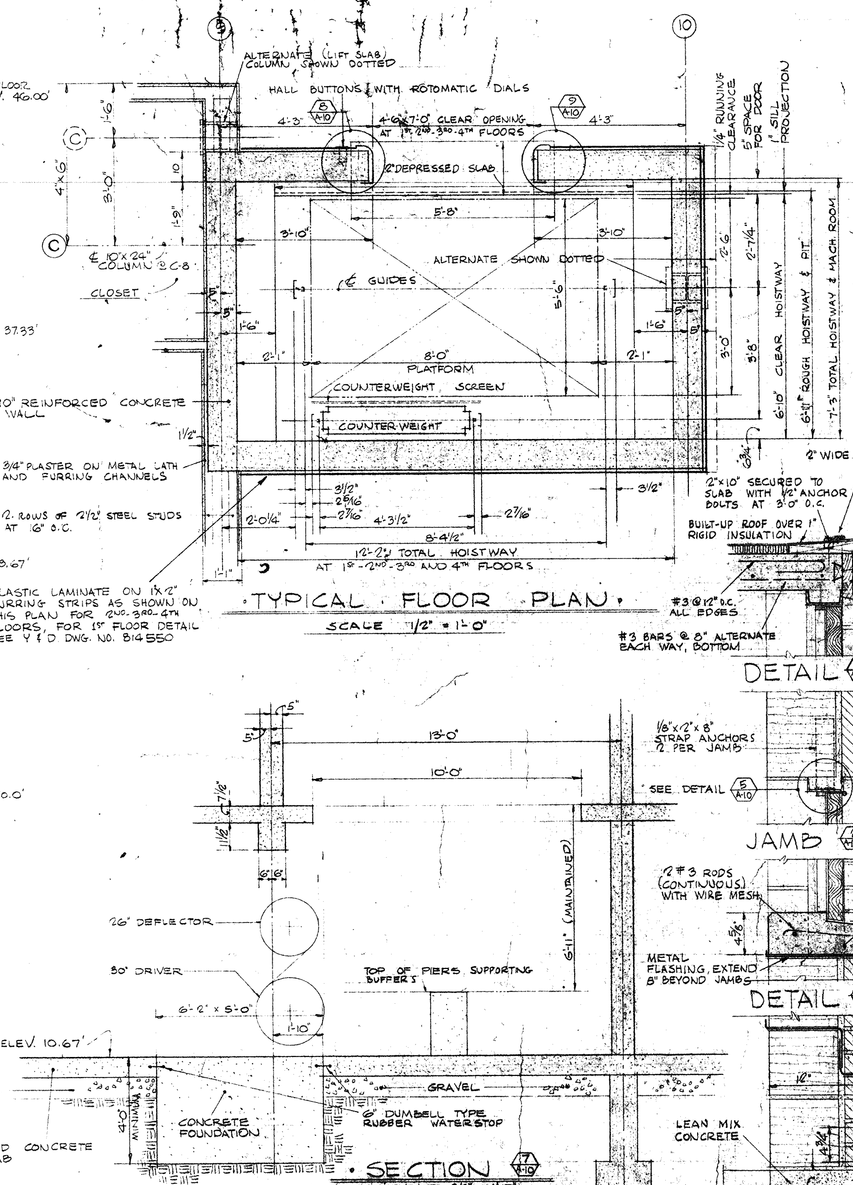


PLAN AT 8/A-10
SCALE 3" = 1'-0"

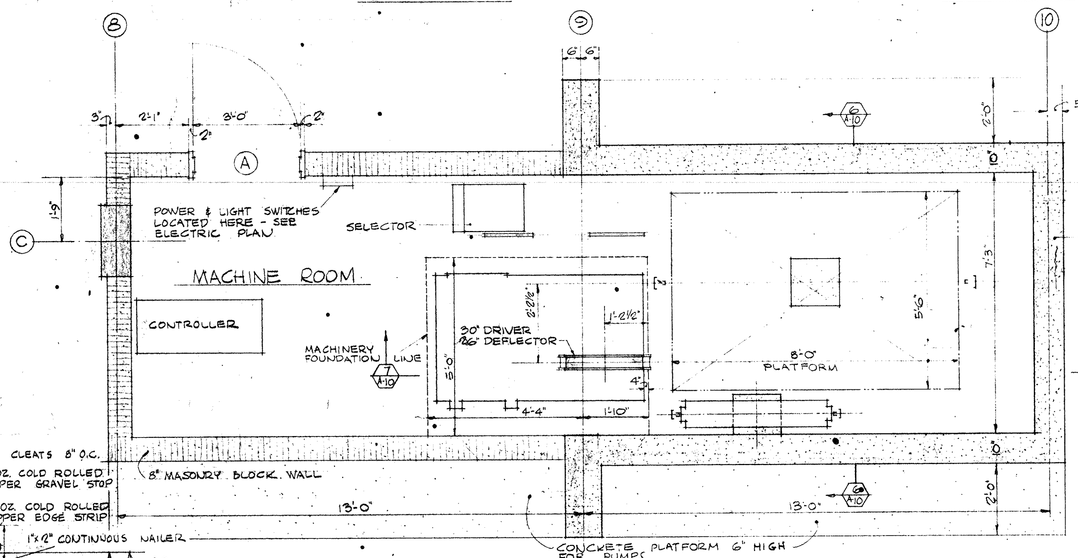
PLAN AT 9/A-10



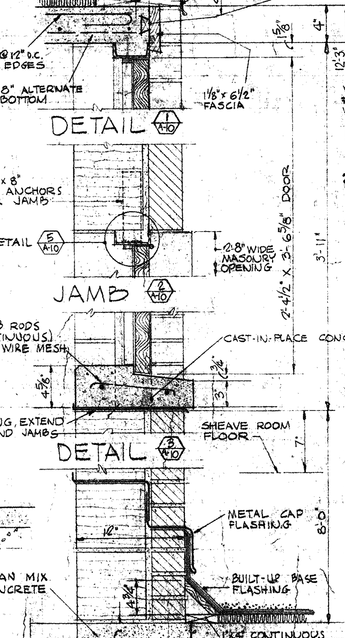
HEAD 10/A-10 AND SILL 11/A-10 DETAILS
SCALE 3" = 1'-0"



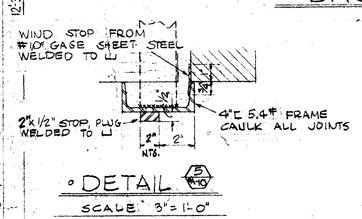
TYPICAL FLOOR PLAN
SCALE 1/2" = 1'-0"



BASEMENT FLOOR PLAN
SCALE 1/2" = 1'-0"



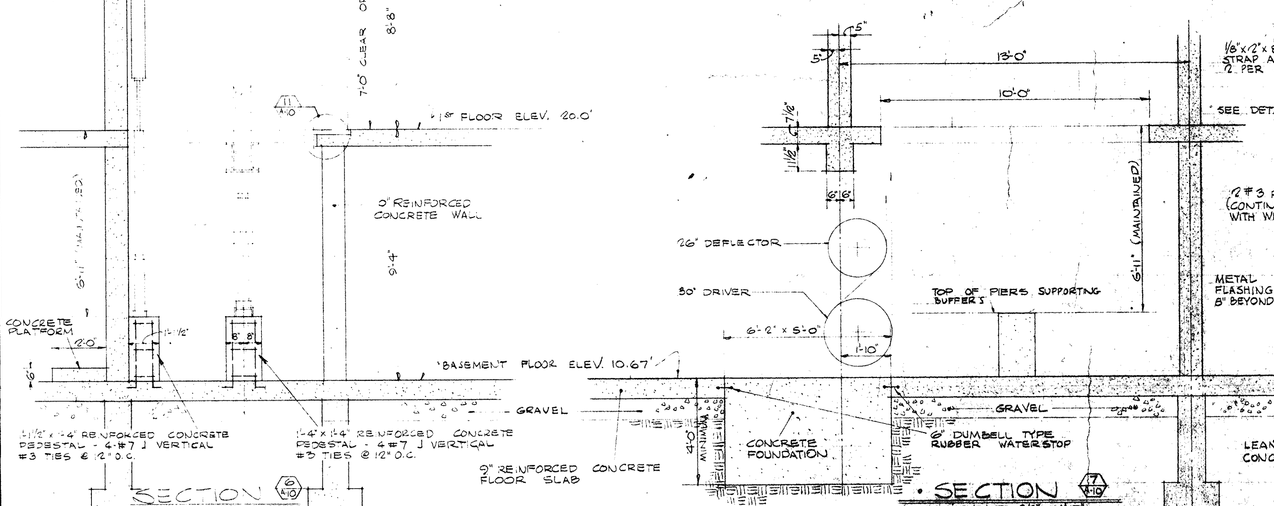
DETAIL 1/A-10



DETAIL 5/A-10
SCALE 3" = 1'-0"

JAMB 3/A-10

DETAIL 3/A-10



SECTION 6/A-10
SCALE 3/8" = 1'-0"

SECTION 7/A-10
SCALE 3/8" = 1'-0"

SEE Y & D DWG NO. 814556 FOR FOUNDATIONS & REINFORCING

DETAIL 4/A-10
SCALE 1/2" = 1'-0"

GRAPHIC SCALE
3/8" = 1'-0"
1/2" = 1'-0"
1 1/2" = 1'-0"
3" = 1'-0"

RECORD DRAWING
DATE 19 NOV. '69
P.W.C. DWG. NO. 13489-141

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-69	FIFE

REVISIONS

DPWO DRAWING NO. NBN-80 A-10 A & E

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

BACHELOR OFFICERS' QUARTERS

ELEVATOR DETAILS

DRAWN BY GEM
CHECKED BY
APP'D BY KDR
DPWO 1ST ND
SAN. ENGR.
SAF'Y. ENGR.
FIRE PROT. CLEASON
PROJ. ENGR DEFESEN
DIRECTOR SEDDON

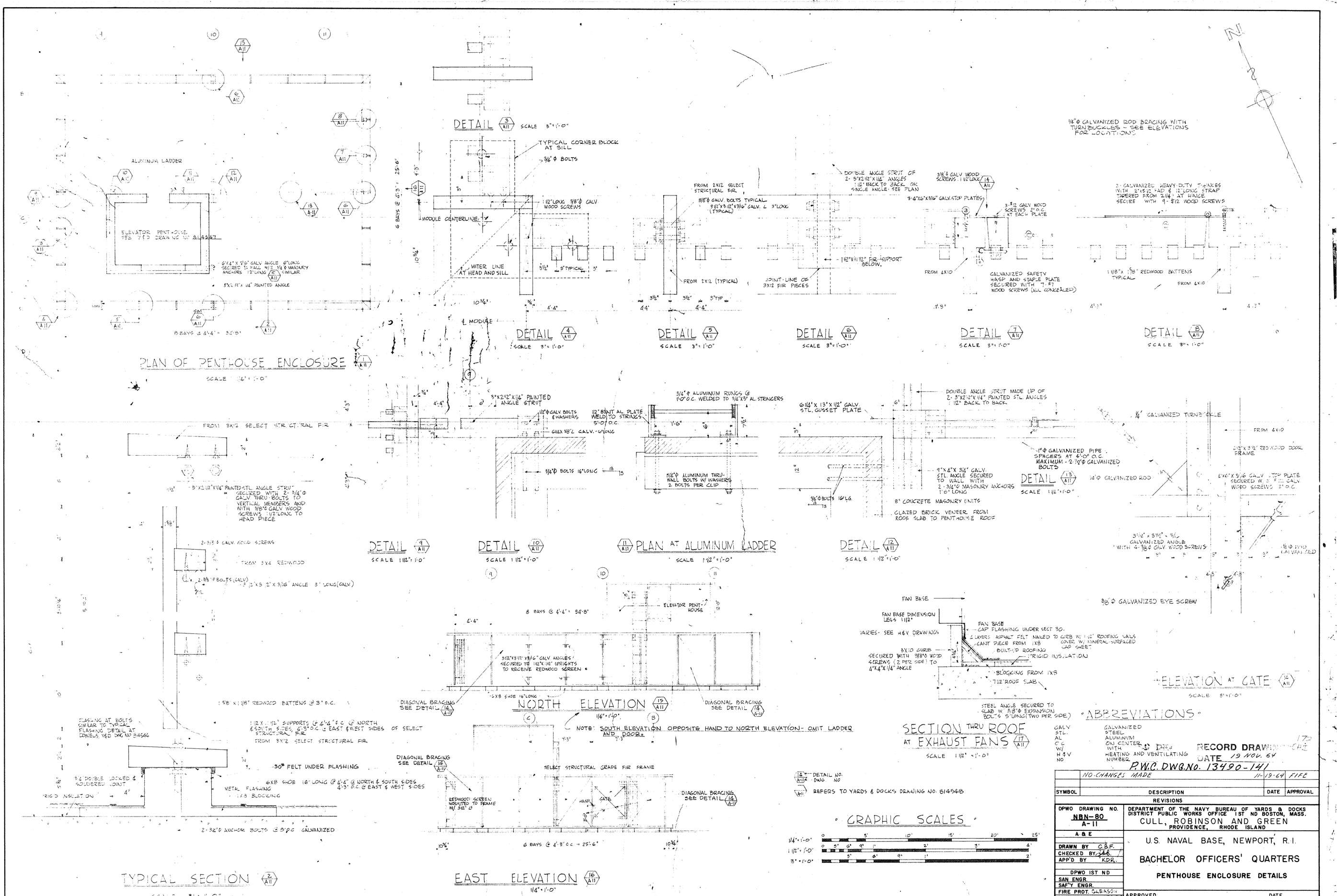
APPROVED ____ DATE ____
OFFICER IN CHARGE

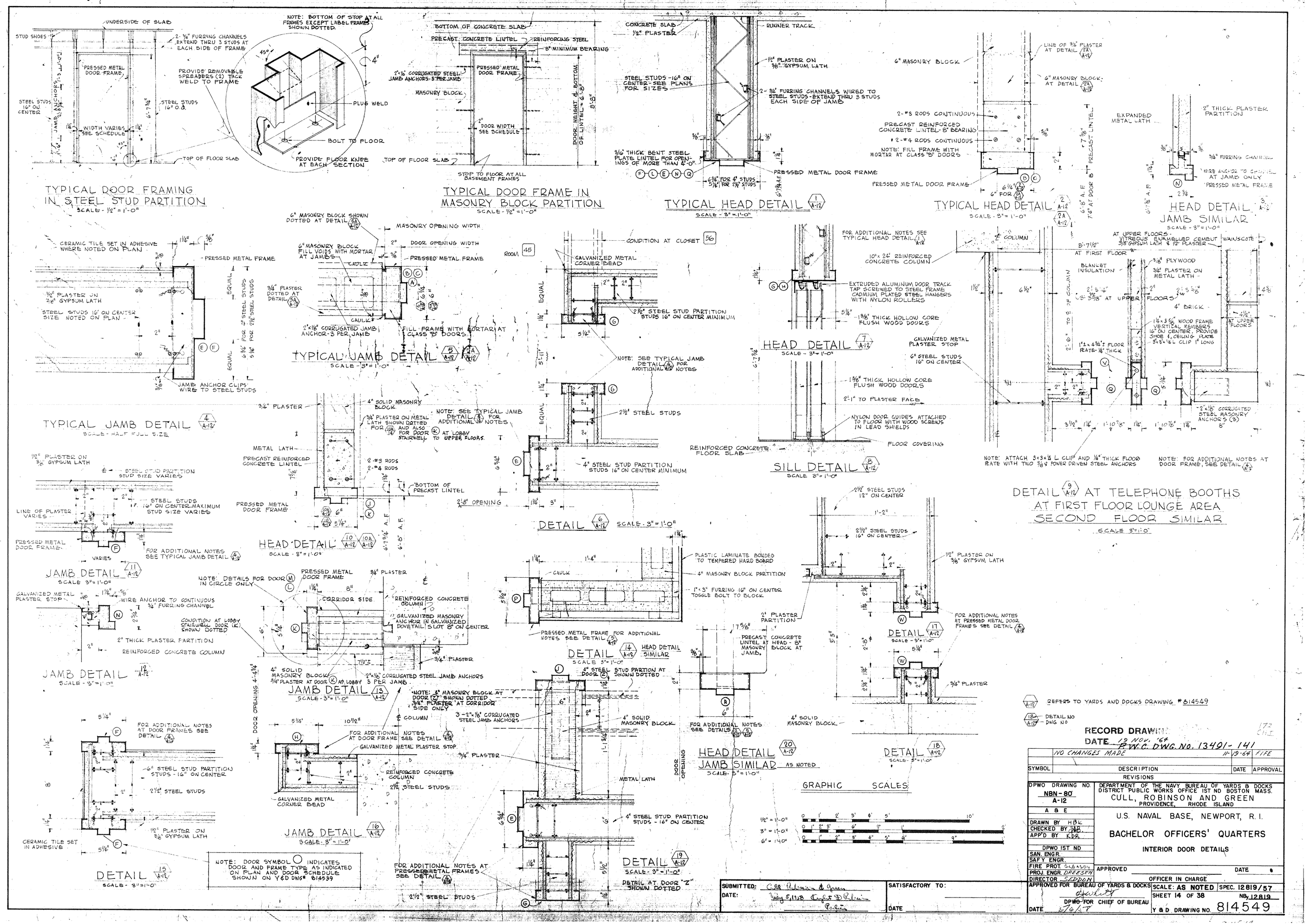
SUBMITTED Cull Robinson & Green
DATE June 1, 1958 Engr & Designer
Partner

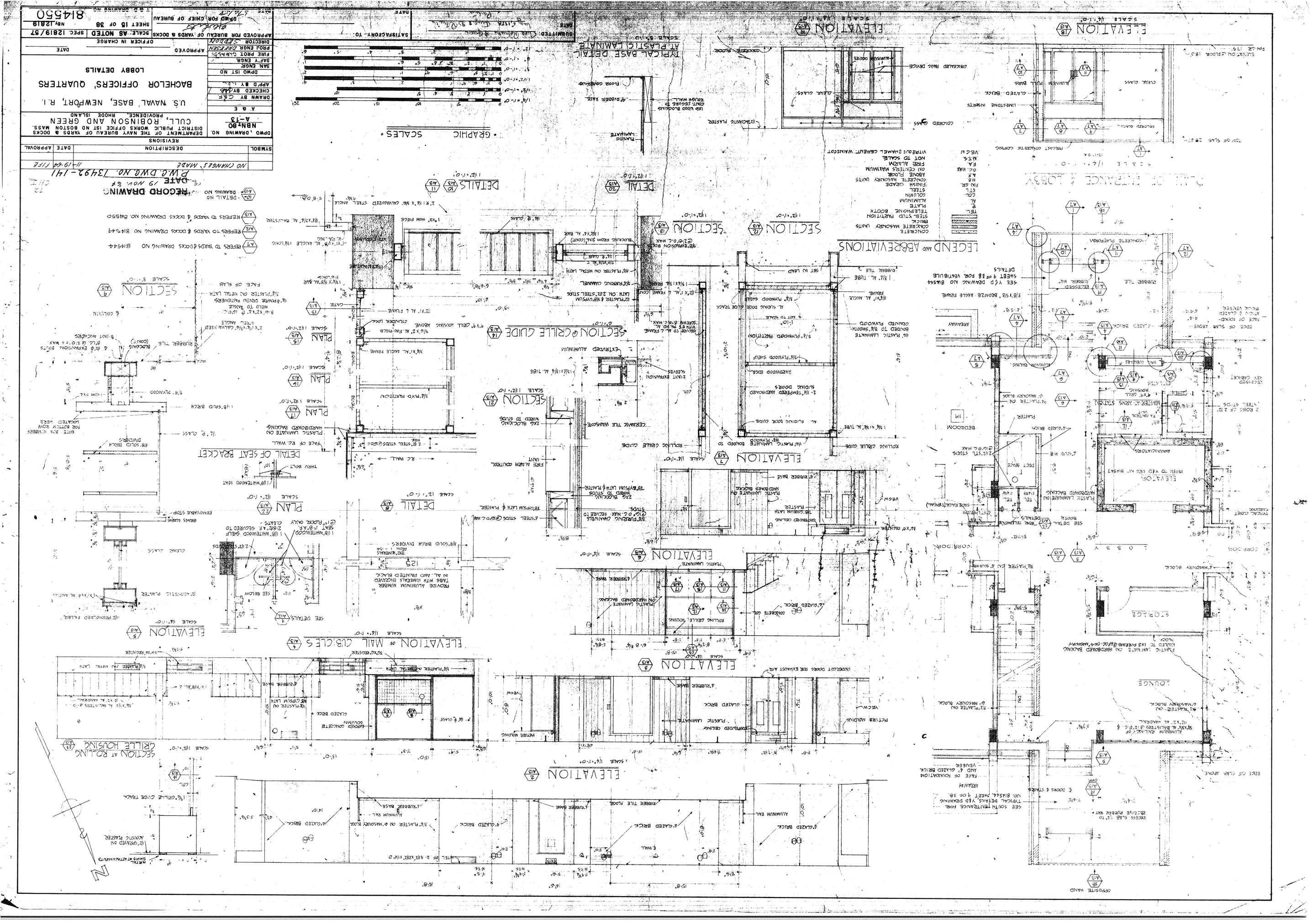
SATISFACTORY TO:
DATE

APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/58

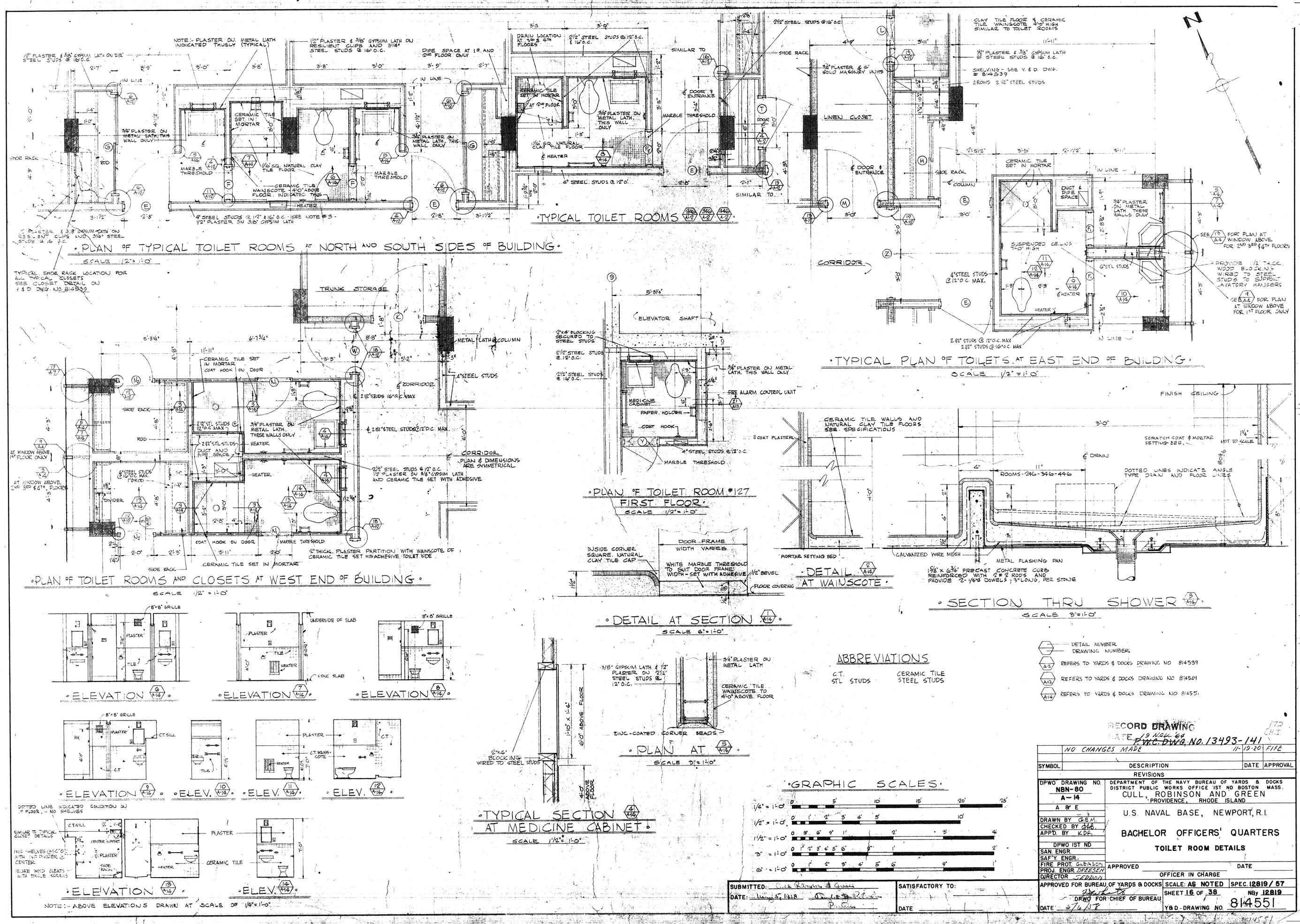
SCALE: AS NOTED
SPEC. 12819/57
SHEET 12 OF 38
NBy 12819
Y&D DRAWING NO. 814547

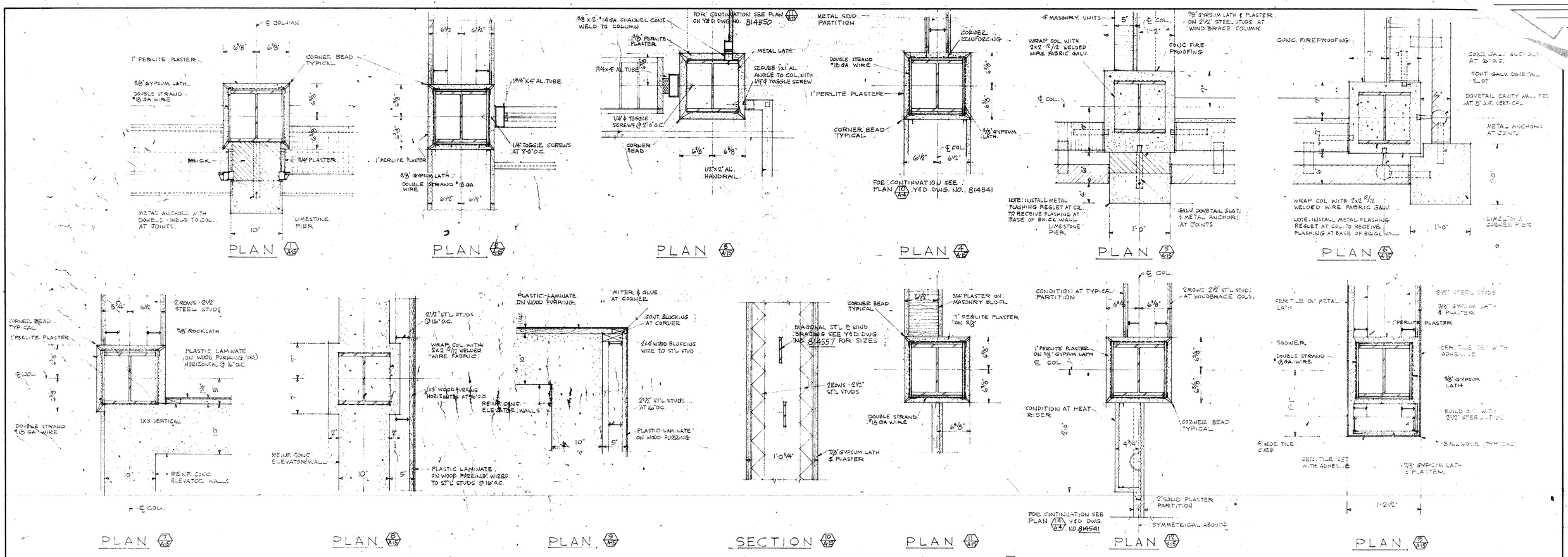

PLAN OF PENTHOUSE ENCLOSURE
SCALE 1/4" = 1'-0"
ALUMINUM LADDER
ELEVATOR PENT-HOUSE SEE T & S DRAWING NO. 814547
6"X6"X3/8" GALV. ANGLE 6" LONG SECURED TO WALL W/ 3/4" ϕ MASONRY ANCHORS 12" LONG SIMILAR
3"X2 1/2"X1/4" PAINTED ANGLE
8 BAYS @ 4'-4" = 35'-8"
DETAIL 3/A11 SCALE 3" = 1'-0"
TYPICAL CORNER BLOCK AT SILL
3/4" ϕ BOLTS
12" LONG 3/8" ϕ GALV. WOOD SCREWS
MODULE CENTERLINE
MITER LINE AT HEAD AND SILL
6 BAYS @ 4'-3" = 25'-6"
10 3/4"
3 1/2"
3" TYPICAL
4'-4"
℄ MODULE
DETAIL 4/A11 SCALE 3" = 1'-0"
FROM 2X12 SELECT STRUCTURAL FIR
3/8" ϕ GALV. BOLTS TYPICAL
3"X3"X3/16" GALV. ∠ 3" LONG (TYPICAL)
FROM 2X12 (TYPICAL)
3 1/2"
3" TYP
DETAIL 5/A11 SCALE 3" = 1'-0"
DOUBLE ANGLE STRUT OF 2- 3"X2 1/2"X1/4" ANGLES 1 1/2" BACK TO BACK OR SINGLE ANGLE - SEE PLAN
1"X2"X1 1/2" FIR SUPPORT BELOW.
JOINT LINE OF 3X12 FIR PIECES
DETAIL 6/A11 SCALE 3" = 1'-0"
3/8" ϕ GALV. WOOD SCREWS 1 1/2" LONG
3"-4"X6"X3/16" GALV. STOP PLATES
3"-12 GALV. WOOD SCREWS 2" O.C. AT EACH PLATE
FROM 4X10
GALVANIZED SAFETY HASP AND STAPLE PLATE SECURED WITH 7-#7 WOOD SCREWS (ALL CONCEALED)
DETAIL 7/A11 SCALE 3" = 1'-0"
1/4" ϕ GALVANIZED ROD BRACING WITH TURNBUCKLES - SEE ELEVATIONS FOR LOCATIONS
2- GALVANIZED HEAVY DUTY T-HINGES WITH 2"X5 1/2" AD & 12" LONG STRAP TAPERED FROM 2 1/4" AT HINGE SECURE WITH 9-#12 WOOD SCREWS
1 1/8"X 3/8" REDWOOD BATTENS TYPICAL
FROM 4X10
DETAIL 8/A11 SCALE 3" = 1'-0"
3"X2 1/2"X1/4" PAINTED ANGLE STRUT
1/2" ϕ GALV. BOLTS & WASHERS
6"X6"X3/8" GALV. - 6" LONG
3/4" ϕ BOLTS 16" LONG
DETAIL 9/A11 SCALE 1 1/2" = 1'-0"
3/4" ϕ ALUMINUM RINGS @ 1'-0" O.C. WELDED TO 3/4"X3/8" AL STRINGERS
1/2" BENT AL. PLATE WELD TO STRINGS 5'-0" O.C.
5/8" ϕ ALUMINUM THRU-WALL BOLTS W/ WASHERS 2 BOLTS PER CLIP
DETAIL 10/A11 SCALE 1 1/2" = 1'-0"
6 1/4" X 13" X 1/2" GALV. STL. GUSSET PLATE
3/4" ϕ BOLTS 16" LG.
DOUBLE ANGLE STRUT MADE UP OF 2- 3"X2 1/2"X1/4" PAINTED STL. ANGLES 1/2" BACK TO BACK
1" ϕ GALVANIZED PIPE SPACERS AT 4'-0" O.C. MAXIMUM - 2-1/2" ϕ GALVANIZED BOLTS
9"X4"X3/4" GALV. STL. ANGLE SECURED TO WALL WITH 2-3/4" ϕ MASONRY ANCHORS 1'-0" LONG
8" CONCRETE MASONRY UNITS
GLAZED BRICK VENEER FROM ROOF SLAB TO PENTHOUSE ROOF
DETAIL 13/A11 SCALE 1 1/2" = 1'-0"
1/4" GALVANIZED TURNBUCKLE
FROM 4X10
2-3/8"X3 1/2" REDWOOD DOOR FRAME
1/4" ϕ GALVANIZED ROD
4"X4"X3/16" GALV. TOP PLATE SECURED W. 3/8" ϕ GALV. WOOD SCREWS 3" O.C.
3 1/2" X 3 1/2" X 3/16" GALVANIZED ANGLE WITH 4-3/8" ϕ GALV. WOOD SCREWS
3/4" ϕ ROD GALVANIZED
3/8" ϕ GALVANIZED EYE SCREW
PLAN AT ALUMINUM LADDER
SCALE 1 1/2" = 1'-0"
3"X2 1/2"X1/4" PAINTED STL. ANGLE STRUT SECURED WITH 2-3/4" ϕ GALV. THRU-BOLTS TO VERTICAL MEMBERS AND WITH 3/8" ϕ GALV. WOOD SCREWS 1 1/2" LONG TO HEAD PIECE
FROM 3X12 SELECT STRUCTURAL FIR
2-3/8" ϕ GALV. WOOD SCREWS
FROM 3X4 REDWOOD
2-3/8" ϕ BOLTS (GALV)
3"X3"X3/16" ANGLE 3" LONG (GALV)
1"X8" X 1 1/8" REDWOOD BATTENS @ 3" O.C.
1"X2" X 1 1/2" SUPPORTS @ 4'-4" O.C. @ NORTH & SOUTH SIDES, 4'-3" O.C. @ EAST & WEST SIDES OF SELECT STRUCTURAL FIR
FROM 3X12 SELECT STRUCTURAL FIR
FLASHING AT BOLTS SIMILAR TO TYPICAL FLASHING DETAIL AT DONELS, X&D DWG NO 814546
30# FELT UNDER FLASHING
6X8 SHOE 16" LONG @ 4'-4" @ NORTH & SOUTH SIDES 4'-3" O.C. @ EAST & WEST SIDES
METAL FLASHING
1X8 BLOCKING
3/4" DOUBLE LOCKED & SOLDERED JOINT
RIGID INSULATION
2-3/8" ϕ ANCHOR BOLTS @ 3'-0" O.C. GALVANIZED
TYPICAL SECTION 2/A11 SCALE 3" = 1'-0"
8 BAYS @ 4'-4" = 35'-8"
ELEVATOR PENT-HOUSE
3"X2 1/2"X3"X3/16" GALV. ANGLES SECURED TO 1"X2" UPRIGHTS TO RECEIVE REDWOOD SCREEN
6"X8" SHOE 16" LONG
DIAGONAL BRACING SEE DETAIL 14/A11
NORTH ELEVATION 15/A11 1/4" = 1'-0"
NOTE: SOUTH ELEVATION OPPOSITE HAND TO NORTH ELEVATION - OMIT LADDER AND DOOR.
SELECT STRUCTURAL GRADE FIR FRAME
REDWOOD SCREEN MOUNTED TO FRAME W/ 3/8" ϕ
HASP
GATE
6 BAYS @ 4'-3" O.C. = 25'-6"
EAST ELEVATION 16/A11 1/4" = 1'-0"
NOTE: WEST ELEVATION IS OPPOSITE HAND TO EAST ELEVATION - OMIT GATE
FAN BASE
FAN BASE DIMENSION LEGS 11 1/2"
VARIES - SEE H&V DRAWINGS
FAN BASE CAP FLASHING UNDER SECT 30.
2 LAYERS ASPHALT FELT NAILED TO CURB W/ 1 1/2" ROOFING NAILS COVER W/ MINERAL SURFACED CAP SHEET
CANT PIECE FROM 1X8
3X10 CURB SECURED WITH 3/8" ϕ WOOD SCREWS (2 PER SIDE) TO 4"X4"X1/4" ANGLE
BUILT-UP ROOFING
RIGID INSULATION
BLOCKING FROM 1X8
7 1/2" ROOF SLAB
STEEL ANGLE SECURED TO SLAB W/ 3/8" ϕ EXPANSION BOLTS 5" LONG (TWO PER SIDE)
SECTION THRU ROOF AT EXHAUST FANS 17/A11 SCALE 1 1/2" = 1'-0"
ELEVATION AT GATE 14/A11 SCALE 3" = 1'-0"
ABBREVIATIONS
GALV GALVANIZED
STL. STEEL
AL ALUMINUM
C'C ON CENTER
W/ WITH
H & V HEATING AND VENTILATING
NO NUMBER
DETAIL NO. DWG NO
REFERS TO YARDS & DOCKS DRAWING NO. 814548
GRAPHIC SCALES
1/4" = 1'-0"
1 1/2" = 1'-0"
3" = 1'-0"
RECORD DRAWING
DATE 19 NOV. 64
P.W.C. DWG. NO. 13490-141
NO CHANGES MADE 11-19-64 FIFE
SYMBOL DESCRIPTION DATE APPROVAL
REVISIONS
DPWO DRAWING NO. NBN-80 A-11
A & E
DRAWN BY C.B.F.
CHECKED BY
APP'D BY KDR.
DPWO 1ST ND
SAN ENGR.
SAF'Y ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DREESEN
DIRECTOR SERDAN
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON, MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
PENTHOUSE ENCLOSURE DETAILS
APPROVED DATE
OFFICER IN CHARGE
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE
SCALE: AS NOTED
SPEC. 12819/57
SHEET 13 OF 38
NBy 12817
Y & D DRAWING NO. 814548
SUBMITTED: Cull, Robinson & Green
DATE: May 5, 1958
SATISFACTORY TO:
DATE

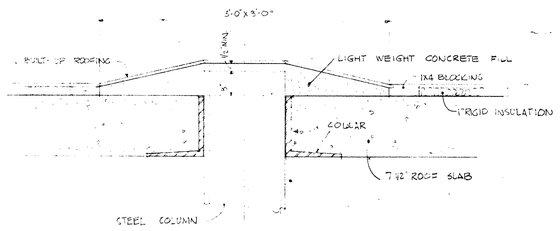

TYPICAL DOOR FRAMING IN STEEL STUD PARTITION
SCALE - 1/2" = 1'-0"
TYPICAL DOOR FRAME IN MASONRY BLOCK PARTITION
SCALE - 1/2" = 1'-0"
TYPICAL HEAD DETAIL
SCALE - 3" = 1'-0"
TYPICAL HEAD DETAIL
SCALE - 3" = 1'-0"
HEAD DETAIL JAMB SIMILAR
SCALE - 3" = 1'-0"
TYPICAL JAMB DETAIL
SCALE - 3" = 1'-0"
TYPICAL JAMB DETAIL
SCALE - HALF FULL SIZE
HEAD DETAIL
SCALE - 3" = 1'-0"
SILL DETAIL
SCALE 3" = 1'-0"
DETAIL AT TELEPHONE BOOTHS AT FIRST FLOOR LOUNGE AREA SECOND FLOOR SIMILAR
SCALE 3" = 1'-0"
JAMB DETAIL
SCALE 3" = 1'-0"
HEAD DETAIL
SCALE - 3" = 1'-0"
DETAIL
SCALE - 3" = 1'-0"
JAMB DETAIL
SCALE - 3" = 1'-0"
DETAIL
SCALE - 3" = 1'-0"
DETAIL
SCALE - 3" = 1'-0"
JAMB DETAIL
SCALE - 3" = 1'-0"
DETAIL
SCALE - 3" = 1'-0"
HEAD DETAIL
JAMB SIMILAR
SCALE - 3" = 1'-0"
DETAIL
SCALE - 3" = 1'-0"
JAMB DETAIL
SCALE - 3" = 1'-0"
DETAIL
SCALE - 3" = 1'-0"
DETAIL AT DOOR "Z" SHOWN DOTTED
DETAIL
SCALE - 3" = 1'-0"
NOTE: DOOR SYMBOL ○ INDICATES DOOR AND FRAME TYPE AS INDICATED ON PLAN AND DOOR SCHEDULE SHOWN ON Y&D DWG# 814539
REFERS TO YARDS AND DOCKS DRAWING # 814549
DETAIL NO
DWG NO
GRAPHIC SCALES
1/2" = 1'-0"
3" = 1'-0"
6" = 1'-0"
RECORD DRAWING
DATE 19 NOV. '64
P.W.C. DWG. NO. 13491-141
NO CHANGES MADE 11-19-64 FIFE
SYMBOL DESCRIPTION DATE APPROVAL
REVISIONS
DPWO DRAWING NO. NBN-80 A-12
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
A & E
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
INTERIOR DOOR DETAILS
DRAWN BY HBK
CHECKED BY
APP'D BY KDR
DPWO 1ST ND
SAN. ENGR.
SAFY ENGR.
FIRE PROT.
PROJ. ENGR. DREESEN
DIRECTOR SODDON
APPROVED
DATE
OFFICER IN CHARGE
SUBMITTED: Cull Robinson & Green
DATE: May 5, 1958
SATISFACTORY TO:
DATE
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/57
SCALE: AS NOTED
SPEC. 12819/57
SHEET 14 OF 38
NBy 12819
Y & D DRAWING NO. 814549

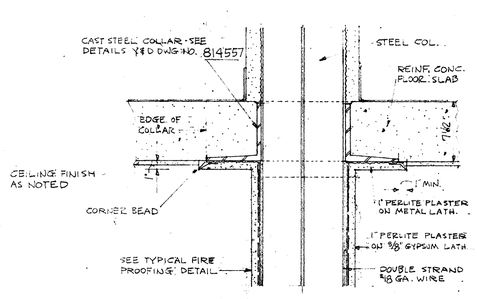


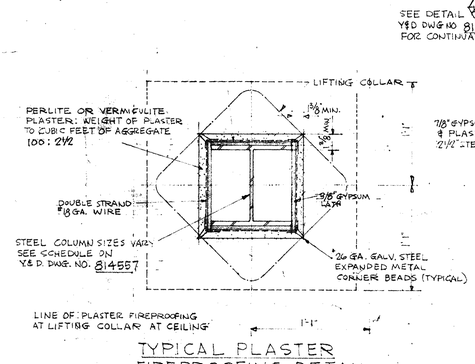
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
LOBBY DETAILS
DPWO DRAWING NO. NBN-80 A-13
A & E
DRAWN BY C.S.F.
CHECKED BY
APP'D BY
DPWO 1ST ND
SAN. ENGR.
SAFY ENGR.
FIRE PROT. ENGR.
PROJ. ENGR. DRESSEN
DIRECTOR SEDDON
APPROVED
OFFICER IN CHARGE
DATE
SCALE: AS NOTED
SPEC. 12819/57
SHEET 15 OF 38
NBY 12819
814550
DPWO FOR CHIEF OF BUREAU
T & D DRAWING NO.
SYMBOL
DESCRIPTION
DATE
APPROVAL
REVISIONS
NO CHANGES MADE
11-19-64
FIFE
RECORD DRAWING
DATE 19 NOV. '64
P.W.C. DWG. NO. 73492-141
GRAPHIC SCALES
TYPICAL BASE DETAIL AT PLASTIC LAMINATE
ELEVATION
SECTION
DETAILS
PLAN
LEGEND AND ABBREVIATIONS
SECTION @ GRILLE GUIDE
DETAIL OF SEAT BRACKET
ELEVATION OF MAIL CUBICLES
SECTION AT ROLLING GRILLE HOUSING
PLAN OF ENTRANCE & LOBBY
STORAGE
LOUNGE
CORRIDOR
BEDROOM
OPPOSITE HAND

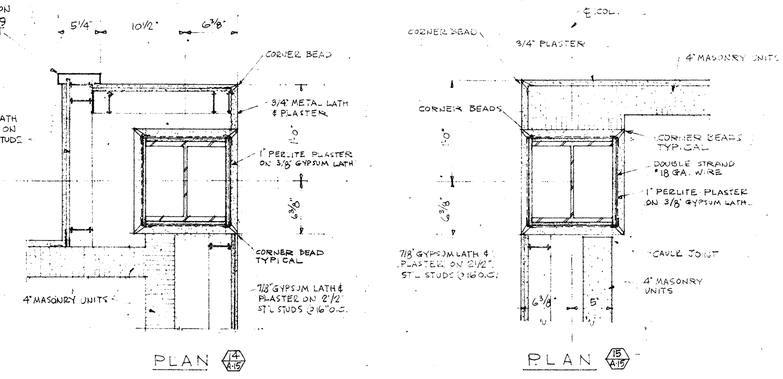

PLAN OF TYPICAL TOILET ROOMS AT NORTH AND SOUTH SIDES OF BUILDING
SCALE 1/2" = 1'-0"
TYPICAL TOILET ROOMS
TYPICAL PLAN OF TOILETS AT EAST END OF BUILDING
SCALE 1/2" = 1'-0"
PLAN OF TOILET ROOMS AND CLOSETS AT WEST END OF BUILDING
SCALE 1/2" = 1'-0"
PLAN OF TOILET ROOM #127
FIRST FLOOR
SCALE 1/2" = 1'-0"
DETAIL AT WAINSCOTE
SECTION THRU SHOWER
SCALE 3" = 1'-0"
DETAIL AT SECTION
SCALE 6" = 1'-0"
ELEVATION
TYPICAL SECTION AT MEDICINE CABINET
SCALE 1 1/2" = 1'-0"
PLAN AT
SCALE 3" = 1'-0"
ABBREVIATIONS
C.T. CERAMIC TILE
STL STUDS STEEL STUDS
DETAIL NUMBER
DRAWING NUMBER
REFERS TO YARDS & DOCKS DRAWING NO 814539
REFERS TO YARDS & DOCKS DRAWING NO 814549
REFERS TO YARDS & DOCKS DRAWING NO 814551
GRAPHIC SCALES
RECORD DRAWING
NO CHANGES MADE 11-19-20 FIFE
SYMBOL DESCRIPTION DATE APPROVAL
REVISIONS
DPWO DRAWING NO. NBN-80 A-14
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
TOILET ROOM DETAILS
DRAWN BY G.E.M.
CHECKED BY
APP'D. BY K.D.R.
DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DREESEN
DIRECTOR SEDDON
APPROVED FOR BUREAU OF YARDS & DOCKS
DRWO FOR CHIEF OF BUREAU
DATE
APPROVED DATE
OFFICER IN CHARGE
SCALE: AS NOTED
SPEC. 12819/57
SHEET 16 OF 38
NBy 12819
Y&D-DRAWING NO. 814551
SUBMITTED:
DATE:
SATISFACTORY TO:
DATE











NOTE: SEE Y&D. DWG. 814550 THRU 814551 FOR GENERAL ARCHITECTURAL DETAILS TO BE USED IN CONJUNCTION WITH THIS DRAWING.

NOTE: ALL DETAILS THIS SHEET DRAWN AT SCALE: 1 1/2" = 1'-0"

ABBREVIATIONS

CORR.	CORRUGATED
CONC.	CONCRETE
COL.	COLUMN
AL.	ALUMINUM
ST'L	STEEL
FURR	FURRING
GALV.	GALVANIZED
CER.	CERAMIC
REINF.	REINFORCED
O.C.	ON CENTERS
GA.	GAUGE
℄	CENTER LINE
PL.	PLATE
DWG.	DRAWING
NO.	NUMBER
⌀	DIAMETER.

GRAPHIC SCALES

1 1/2" = 1'-0" 0 3" 6" 9" 1' 2' 3' 4'

SUBMITTED: [illegible] DATE: May 5, 1958

SATISFACTORY TO: DATE:

RECORD DRAWING
DATE 19 NOV. '68
P.W.C. DWG. NO. 13494-141

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-63	FIFE

REVISIONS

DPWO DRAWING NO. NBN-80 A-15

A & E

DRAWN BY G.J.J.
CHECKED BY [illegible]
APP'D BY KDR

DPWO 1ST NO
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DREESEN
DIRECTOR SEDDON

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

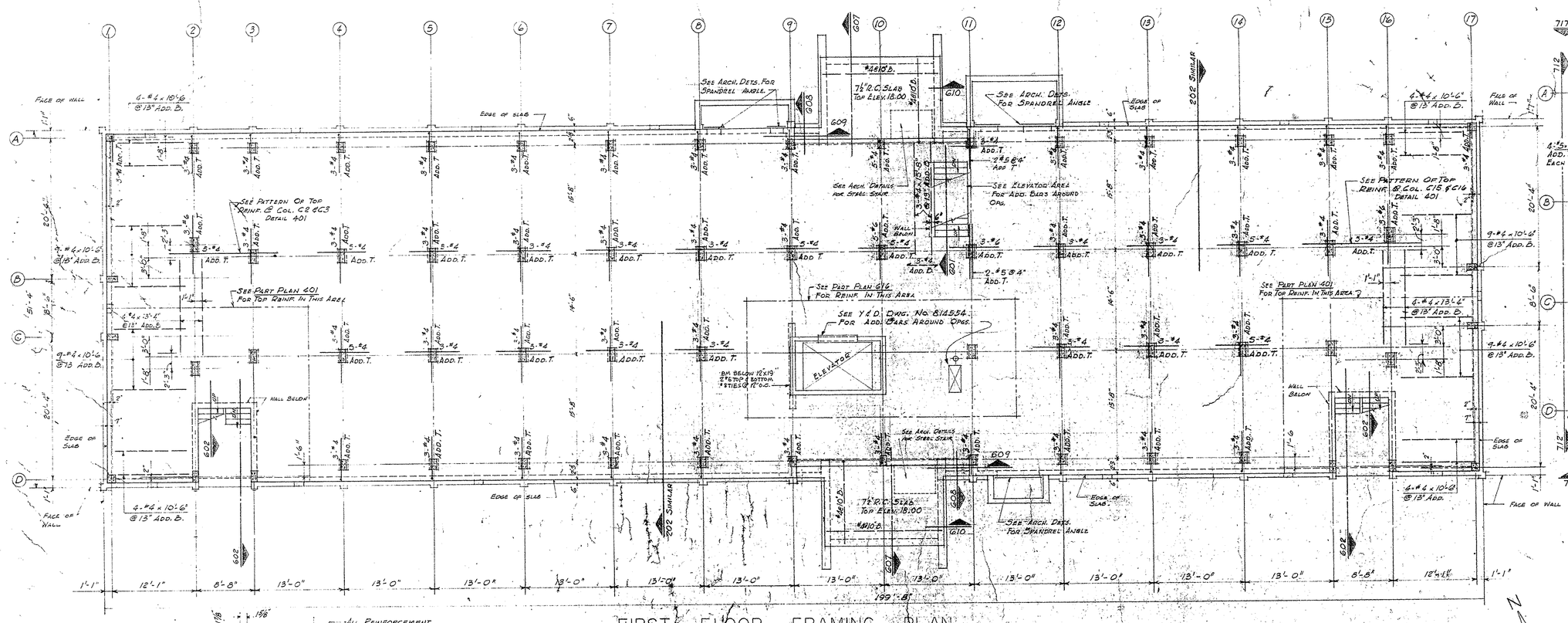
BACHELOR OFFICERS' QUARTERS

DETAILS – CONTRACTORS' OPTION

APPROVED _____ DATE _____
OFFICER IN CHARGE

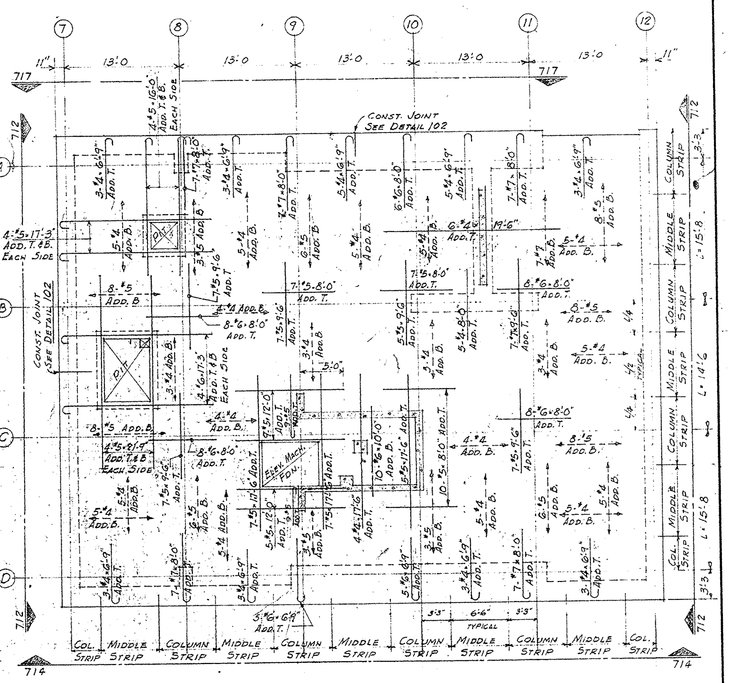
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE: 5/6/58

SCALE: AS NOTED SPEC. 12819/57
SHEET 17 OF 38 NBy 12819
Y&D DRAWING NO. 814552



FIRST FLOOR FRAMING PLAN

SCALE 1/8" = 1'-0"



NOTES:

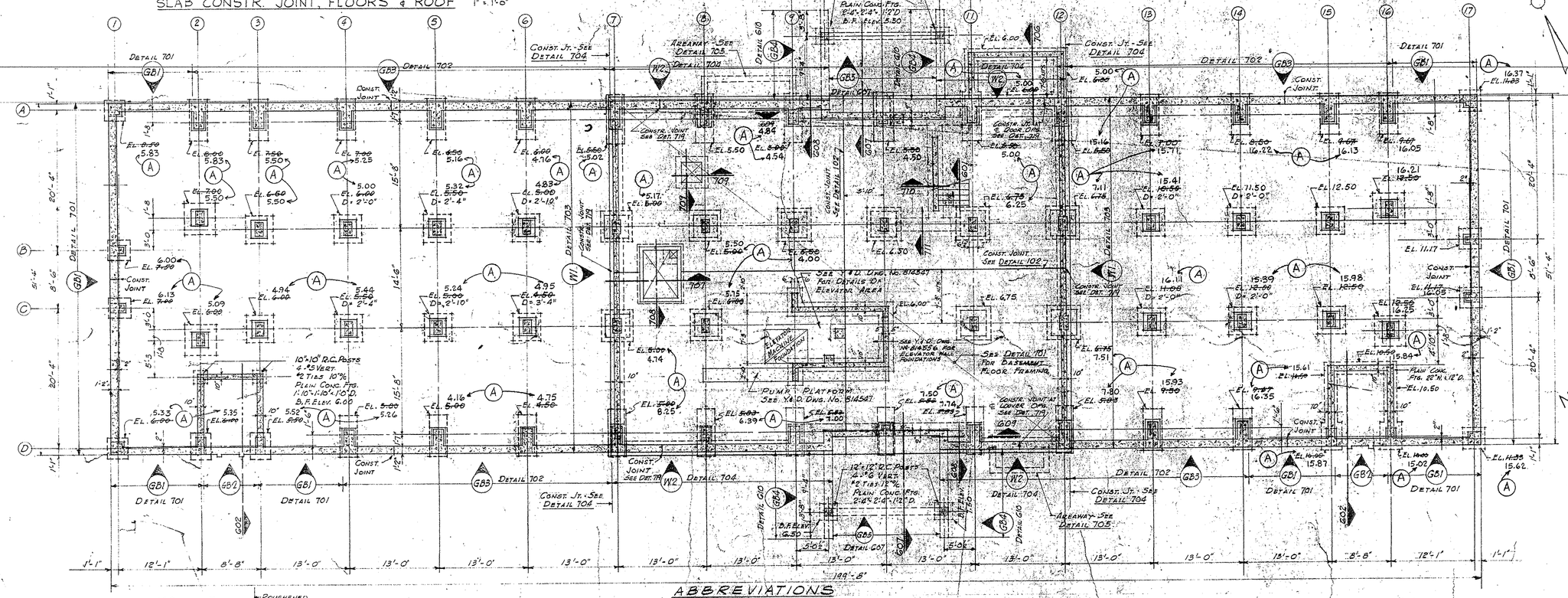
BASEMENT FLOOR - 9" THICK FLAT SLAB CONSTRUCTION. FINISHED SLAB ELEVATION 10.67. #4 @ 9" ⅋ CONTINUOUS EACH WAY TOP AND BOTTOM (40 DIAMETER LAPS). ADDITIONAL REINFORCEMENT AS SHOWN ON THIS DETAIL. ALL REINFORCEMENT HOOKED AT EXTERIOR ENDS OR AT OPENINGS OR BENT INTO WALLS (SEE WALL DETAILS). BOTTOM REINFORCEMENT 2" CLEAR; TOP REINFORCEMENT 1" CLEAR. PLACING SEQUENCE SAME AS FOR UPPER FLOORS. EXTRA TOP REINFORCEMENT IN COLUMN STRIPS TO BE CONCENTRATED IN THE AREA OVER THE COLUMN UNLESS OTHERWISE INDICATED. EXTRA TOP MIDDLE STRIP AND BOTTOM MIDDLE AND COLUMN STRIP REINFORCEMENT TO BE EVENLY SPACED BETWEEN THE CONTINUOUS REINFORCEMENT. LENGTHS SHOWN FOR BENT BARS DO NOT INCLUDE ALLOWANCE FOR HOOKS.

(101) DETAIL OF BASEMENT FLOOR FRAMING

1/8" = 1'-0"

SLAB CONSTR. JOINT, FLOORS & ROOF

1" = 1'-0"



FOUNDATION PLAN

SCALE 1/8" = 1'-0"

GRAPHIC SCALES

1/8" = 1'-0" 1" = 1'-0" 1½" = 1'-0"

GENERAL NOTES

1. GENERAL:- WHERE DISCREPANCIES EXIST BETWEEN THE WORK AS INDICATED ON THE ARCHITECTURAL & STRUCTURAL DWGS., THE SIZES, ARRANGEMENT AND DETAILS OF STRUCTURAL MEMBERS AS INDICATED ON THE STRUCTURAL DWGS. SHALL BE CONSIDERED CORRECT.

2. FOUNDATIONS:- FOOTING ELEVATIONS HAVE BEEN ESTABLISHED FROM AVAILABLE INFORMATION. REGARDLESS OF ELEVATIONS SHOWN ALL FOOTINGS SHALL BEAR ON ROCK CAPABLE OF SAFELY SUSTAINING A LOAD OF 8 TONS PER SQ. FT. BOTTOM OF EXTERIOR FOOTINGS OR GRADE BEAMS SHALL BE A MINIMUM OF 4 FT. BELOW FINISHED GRADE. BACKFILLING AGAINST FOUNDATION WALLS SHALL NOT BE STARTED UNTIL APPROVAL IS GRANTED BY THE OFFICER IN CHARGE.

3. CONCRETE:- CONCRETE WORK BOTH PLAIN & REINFORCED SHALL BE IN ACCORDANCE WITH SPECIFICATION 13 Ye. CLASS D-1½ CONCRETE TO BE USED FOR FOOTINGS, PEDESTALS, GRADE BEAMS AND COLUMNS MONOLITHIC WITH GRADE BEAMS. CLASS E-1 CONCRETE TO BE USED FOR ALL OTHER WORK.

DESIGN STRESSES

CONCRETE:
CLASS D { fc = 2500 P.S.I.; fc = 1125 P.S.I.
CLASS E { fc = 3000 P.S.I.; fc = 1350 P.S.I.

REINFORCING: fs (TENSION) = 24000 P.S.I.
fs (COMPRESSION) = 16000 P.S.I.

ALL REINFORCING SHALL BE IN ACCORDANCE WITH SPECIFICATION 13 Ye. UNLESS OTHERWISE SHOWN OR NOTED ALL DETAILS SHALL BE IN ACCORDANCE WITH THE A.C.I. DETAILING MANUAL (A.C.I. 315-57). TENSION LAPS 32 DIAMETERS UNLESS NOTED, COMPRESSION LAPS 24 DIAMETERS UNLESS NOTED, 180° HOOKS MINIMUM STANDARD, 90° HOOKS TO HAVE 16 DIAMETER EXTENSION.

REINFORCING FOR FLOORS SHALL BE DETAILED ON TWO SEPARATE PLANS, ONE SHOWING BOTTOM REINFORCING AND ACCESSORIES AND THE OTHER SHOWING TOP REINFORCING AND ACCESSORIES. WALL REINFORCING SHALL BE SHOWN ON SCALE ELEVATIONS.

4. DESIGN LOADINGS:

ROOF	40 P.S.F.	BASEMENT	200 P.S.F.
QUARTERS	40 P.S.F.	WIND	30 P.S.F.
CORRIDORS	80 P.S.F.	SEISMIC COEFFICIENT	0.05
STAIRS	100 P.S.F.		

P.W.C. DWG. NO. 13495-14L

NOTE: AT EXTERIOR WALLS, COLUMN CENTER LINES SHOWN ARE FOR COLUMNS ABOVE THE 1ST. FLOOR.

RECORD DRAWING
DATE 19 NOV. 64

SYMBOL	DESCRIPTION	DATE	APPROVAL
A	MADE NECESSARY CHANGES PER AS BUILT DESIGN.		LHL

REVISIONS

DPWO DRAWING NO. NBN-80 S-1

A & E

DRAWN BY B.V.
CHECKED BY T.D.R.
APP'D BY KDL

DPWO 1ST ND
SAN ENGR.
SAFY ENGR.
FIRE PROT. CLEASON
PROJ. ENGR. DRESSEN
DIRECTOR SEDLON

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON, MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

BACHELOR OFFICERS' QUARTERS

FOUNDATION AND FIRST FLOOR FRAMING

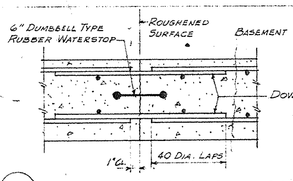
APPROVED _____ DATE _____
OFFICER IN CHARGE

APPROVED FOR BUREAU OF YARDS & DOCKS
DRWO FOR CHIEF OF BUREAU
DATE 5/6/58

SCALE: NOTED
SPEC. 12819 / 57
SHEET 18 OF 38
NBy12819
Y & D DRAWING NO. 814553

SUBMITTED:
DATE:

SATISFACTORY TO:
DATE



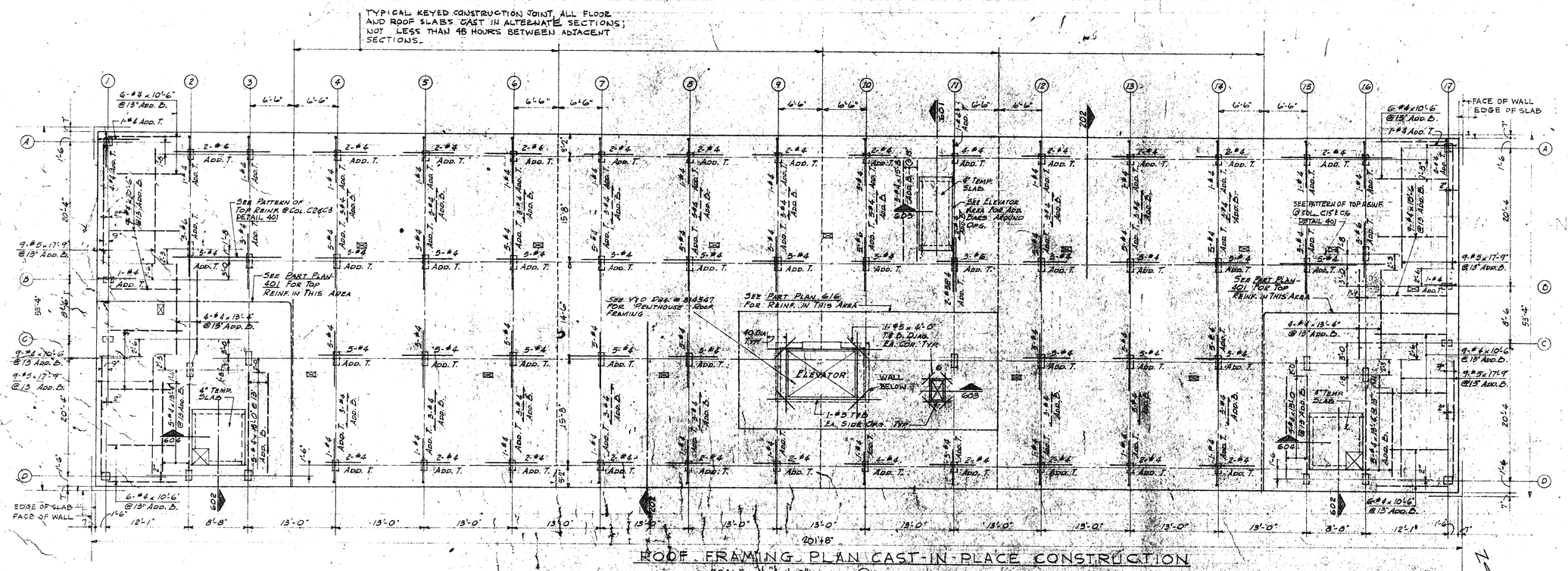
(102) SLAB CONSTRUCTION JOINT-BASEMENT

1½" = 1'-0"

SEE PLAN FOR LOCATION

ABBREVIATIONS

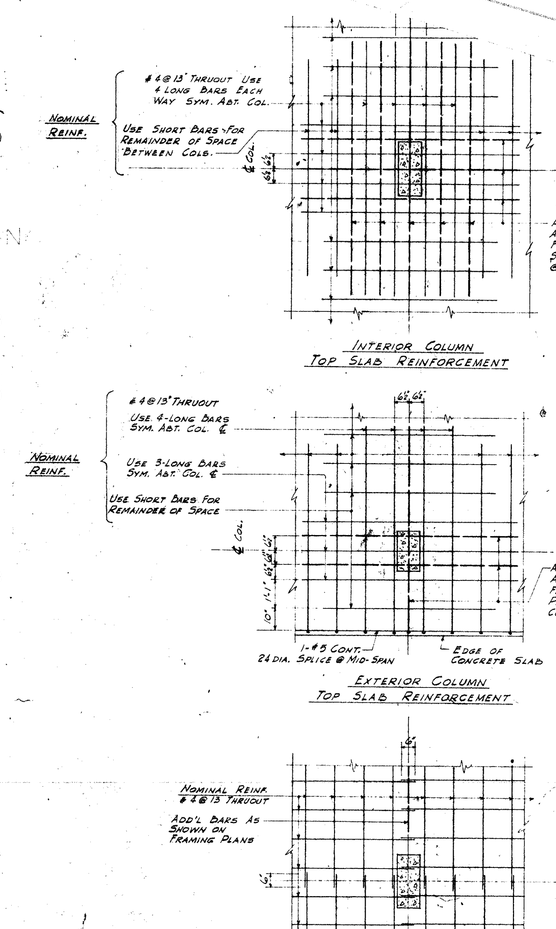
A.C.I.	AMERICAN CONCRETE INSTITUTE	DIA.	DIAMETER	FUT.	FUTURE	No.	NUMBER
ADD.	ADDITIONAL	DN.	DOWN	H. & HORIZ.	HORIZONTAL	NOM.	NOMINAL
ARCH.	ARCHITECT. OR ARCHITECTURAL	DWG.	DRAWING	H.E.F.	HORIZONTAL EACH FACE	O/C	ON CENTER
ABT.	ABOUT	DIAG.	DIAGONAL	H.O.F.	HORIZONTAL OUTSIDE FACE	DRG.	DRAWING
B.	BOTTOM	DWL.	DOWEL	H.I.F.	HORIZONTAL INSIDE FACE	O.F.	OUTSIDE FACE
BLDG.	BUILDING	DISC.	DISCONTINUOUS	HK.	HOOK	PED.	PEDESTAL
BM.	BEAM	DIM.	DIMENSION	INT.	INTERIOR	PC.	PIECE
BLT	BOLT	EL. OR ELEV.	ELEVATION	I.F.	INSIDE FACE	P.S.F.	POUNDS PER SQUARE FOOT
BSMT.	BASEMENT	EA.	EACH	JT.	JOINT	P.S.I.	POUNDS PER SQUARE INCH
BRKT.	BRACKET	ETC.	ET CETERA	K.	KIPS	R.C.	REINFORCED CONCRETE
COL.	COLUMN	E.F.	EACH FACE	LG.	LONG	REINF.	REINFORCING
CONC.	CONCRETE	E.W.	EACH WAY	L.	LENGTH	SYM.	SYMMETRICAL
CONSTR.	CONSTRUCTION	EXT.	EXTEND OR EXTERIOR	LONG'L.	LONGITUDINAL	SQ.	SQUARE
CL.	CLEAR	F. OR FTG.	FOOTING	MACH.	MACHINE	T.	TOP
CONT.	CONTINUOUS	FDN.	FOUNDATION	MAX.	MAXIMUM	TEMP.	TEMPORARY
COR.	CORNER	FT.	FOOT OR FEET	MIN.	MINIMUM	TYP.	TYPICAL
D.	DEPTH	FL.	FLOOR	MISC.	MISCELLANEOUS	VERT.	VERTICAL
DET.	DETAIL					W.P.	WORKING POINT

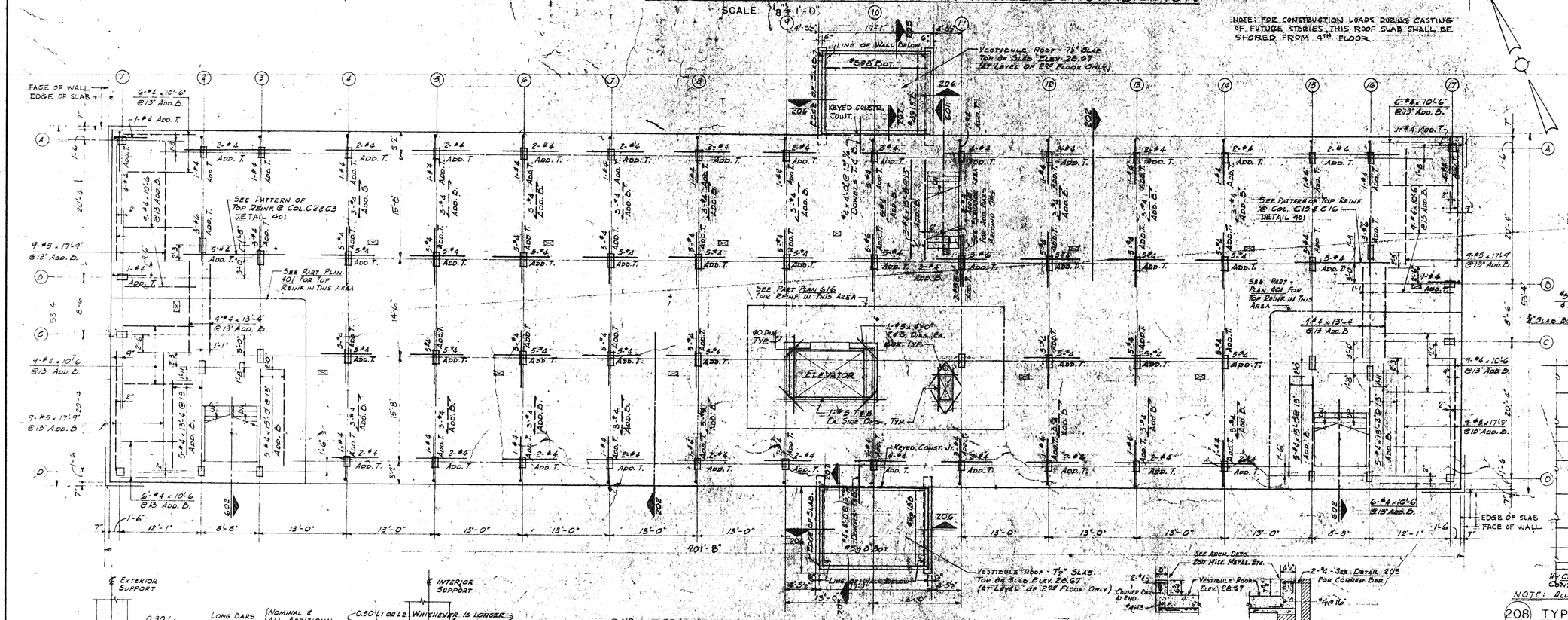


ROOF FRAMING PLAN CAST-IN-PLACE CONSTRUCTION

SCALE: 3/8" = 1'-0"

NOTE: FOR CONSTRUCTION LOADS DURING CASTING OF FUTURE STORIES, THIS ROOF SLAB SHALL BE SHORED FROM 4TH FLOOR.

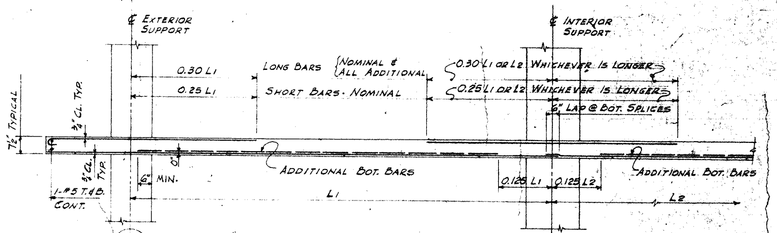




NOTE: FOR CONSTRUCTION LOADS DURING CASTING OF FUTURE STORIES, THIS ROOF SLAB SHALL BE SHORED FROM 4TH FLOOR.

2ND, 3RD & 4TH FLOOR FRAMING PLAN CAST-IN-PLACE CONSTRUCTION

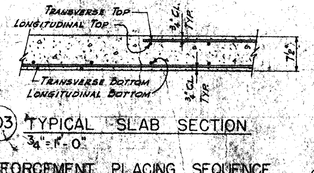
SCALE: 1/8" = 1'-0"



202 TYPICAL CUTTING DETAILS FOR SLAB REINFORCEMENT

3/8" = 1'-0"

1. LENGTHS SHOWN ARE FOR BOTH TRANSVERSE & LONGITUDINAL BARS.
2. SEE PLACING SEQUENCE NOTES AND DETAIL 202 FOR RELATIVE POSITIONS OF TRANSVERSE AND LONGITUDINAL BARS.
3. NOMINAL REINFORCEMENT: #4 @ 13" TOP & BOT. THRUOUT ENTIRE SLAB AREA AS SHOWN ON DETAILS 201.
4. ADDITIONAL TOP & BOT. BARS, NOTED AS ADD. T. OR ADD. B. ON THE FRAMING PLANS, ARE TO BE ADDED TO THE NOMINAL REINF. AS SHOWN ON DETAILS 201, ETC.

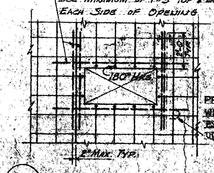


203 TYPICAL SLAB SECTION

3/4" = 1'-0"

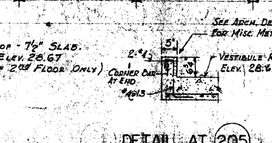
REINFORCEMENT PLACING SEQUENCE

1. BOTTOM BARS TRANSVERSE
2. BOTTOM BARS LONGITUDINAL
3. CONDUIT, OUTLET BOXES, SLEEVES, INSERTS (CONDS. SET BY ELECTRICAL TRADES)
4. TOP BARS LONGITUDINAL
5. TOP BARS TRANSVERSE

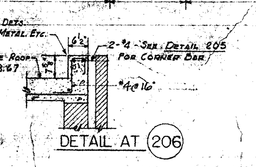


204 TYPICAL REINFORCEMENT AT SLAB OPENING

1" = 1'-0"



DETAIL AT 205

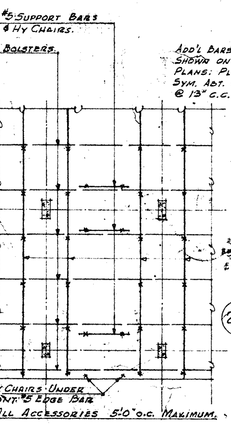


DETAIL AT 206

DETAIL AT 207

VESTIBULE ROOF CURB DETAILS

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



NOTE: ALL ACCESSORIES 5'-0" O.C. MAXIMUM.

208 TYPICAL ACCESSORY LAYOUT

3/8" = 1'-0"

201 TYPICAL PLACING DETAILS FOR SLAB REINFORCEMENT

SCALE 3/8" = 1'-0"

P.W.C. DWG. NO. 13496-141

SEE TYPICAL SLAB REINFORCEMENT DETAIL 202 FOR LENGTHS OF BARS

RECORD DRAWING

DATE 19 NOV. '64

GRAPHIC SCALES

1/8" = 1'-0" 1/4" = 1'-0" 3/8" = 1'-0" 1/2" = 1'-0" 3/4" = 1'-0"

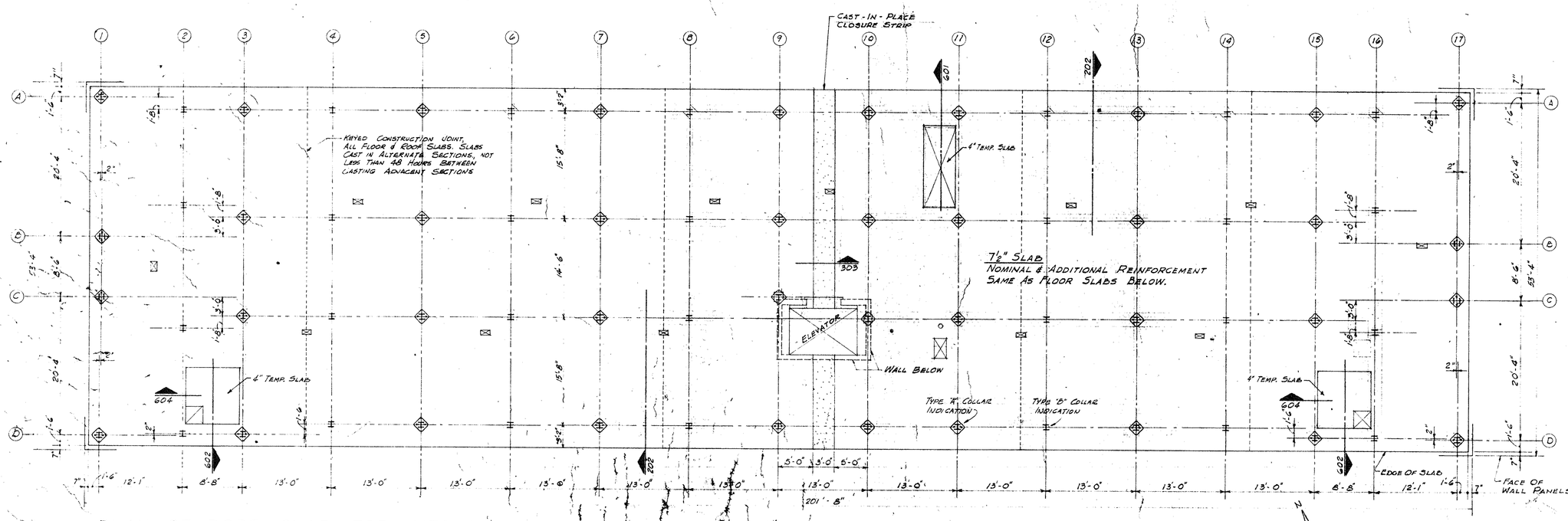
SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-64	FIFE

REVISIONS

DPWO DRAWING NO. NBN-80 S-2	DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS. CULL, ROBINSON AND GREEN PROVIDENCE, RHODE ISLAND
A & E	U.S. NAVAL BASE, NEWPORT, R.I.
DRAWN BY B.V. / CHECKED BY AWL / APP'D BY KDR	BACHELOR OFFICERS' QUARTERS
DPWO 1ST ND	SECOND, THIRD, FOURTH FLOORS & ROOF PLANS
SAN. ENGR. / SAF'Y ENGR. / FIRE. PROT. CLEASSIN / PROJ. ENGR. DREESEN / DIRECTOR SEDDON	APPROVED / DATE / OFFICER IN CHARGE
APPROVED FOR BUREAU OF YARDS & DOCKS / DPWO FOR CHIEF OF BUREAU / DATE 5/6/58	SCALE: NOTED / SHEET 19 OF 38 / SPEC. 12819/57 / NB 12819 / Y & D DRAWING NO. 814554

SUBMITTED: Cull, Robinson & Green
DATE:

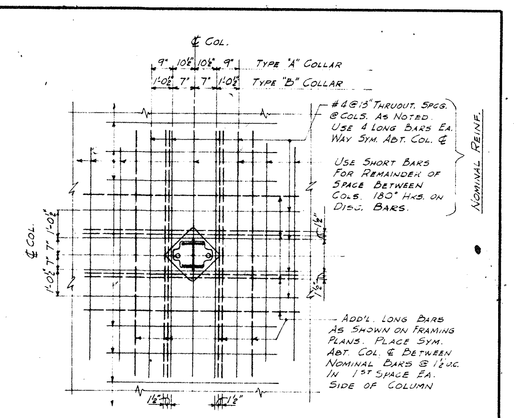
SATISFACTORY TO:
DATE



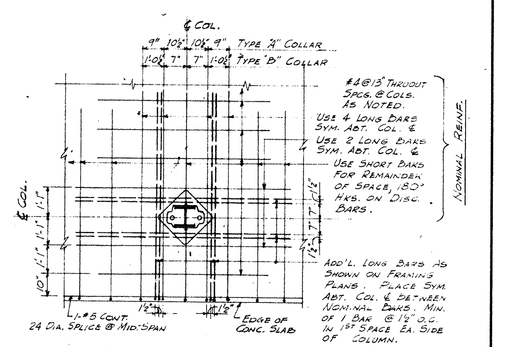
PLAN OF ROOF SLAB FOR MECHANICAL ERECTION METHOD

SCALE 1/8" = 1'-0"

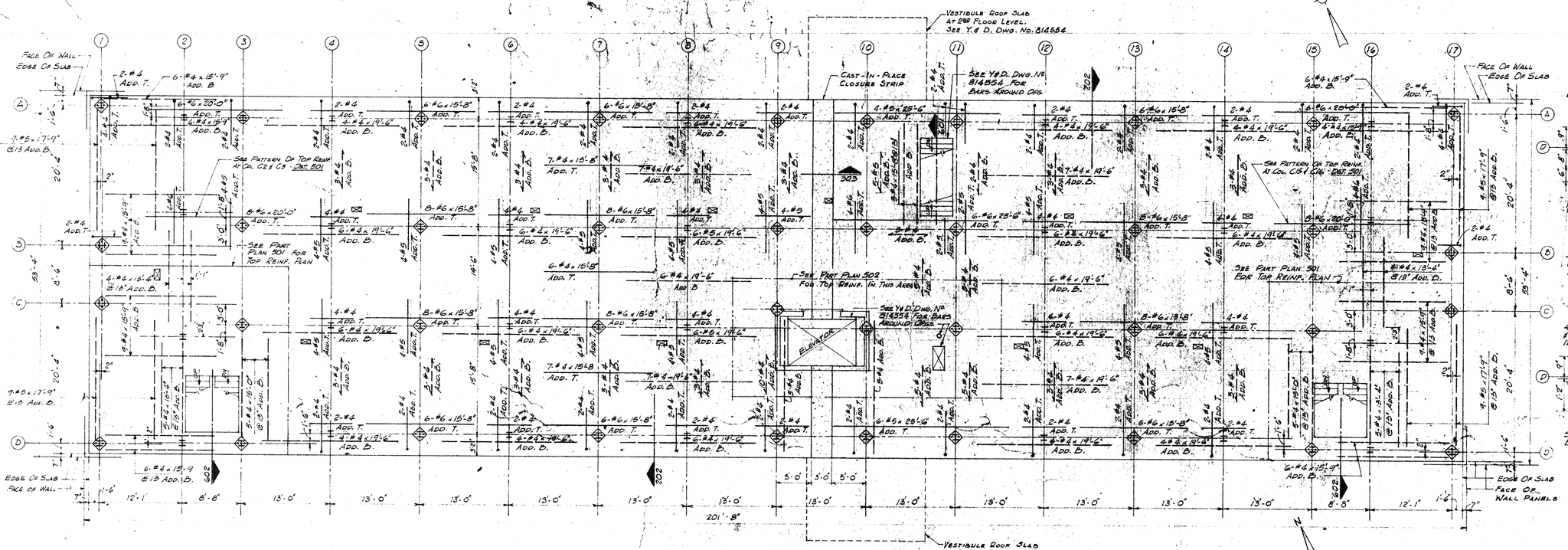
NOTE: FOR CONSTR. LOADS DURING CASTING OF FUTURE STORIES, THIS ROOF SLAB SHALL BE SHORED FROM 4TH FLOOR.



INTERIOR COLUMN TOP SLAB REINFORCEMENT

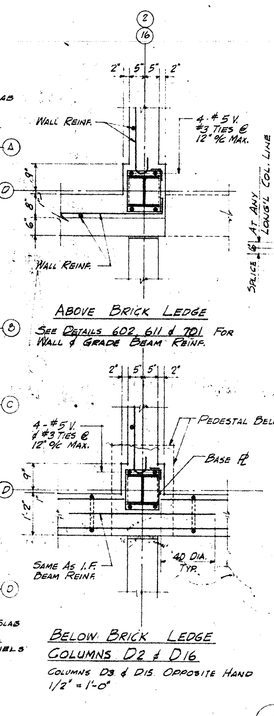


EXTERIOR COLUMN TOP SLAB REINFORCEMENT



PLAN OF 2ND, 3RD, & 4TH FLOOR SLABS FOR MECHANICAL ERECTION METHOD

SCALE 1/8" = 1'-0"



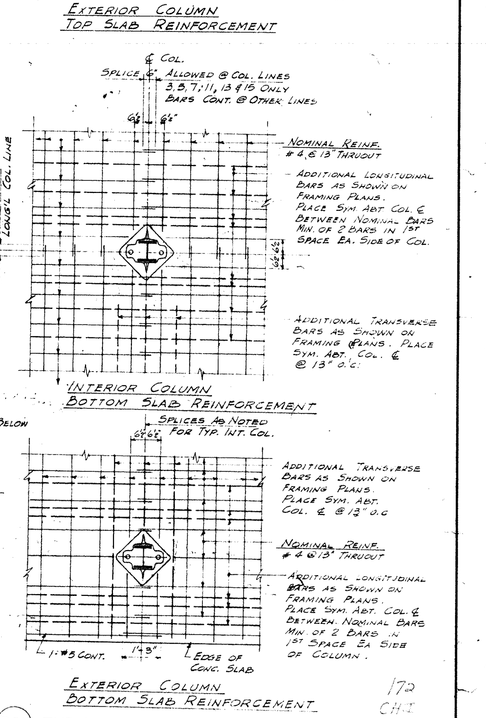
ABOVE BRICK LEDGE

SEE DETAILS 602, 611 & 701 FOR WALL & GRADE BEAM REINF.

BELOW BRICK LEDGE COLUMNS D2 & D16

COLUMNS D3 & D15 OPPOSITE HAND

1/2" = 1'-0"

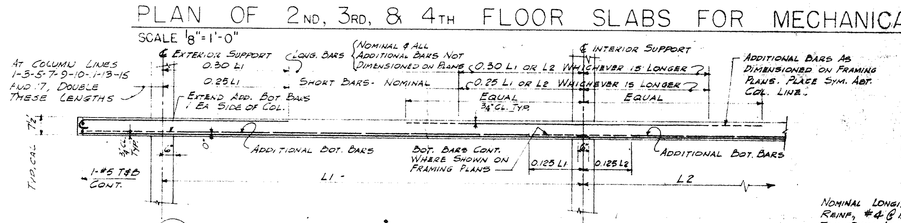


INTERIOR COLUMN BOTTOM SLAB REINFORCEMENT

EXTERIOR COLUMN BOTTOM SLAB REINFORCEMENT

(301) TYPICAL PLACING DETAILS FOR SLAB REINFORCEMENT

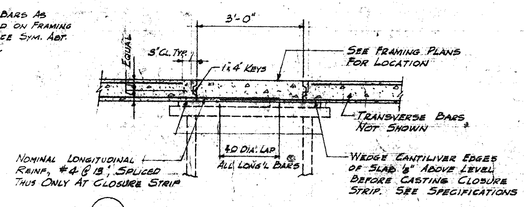
SEE TYPICAL SLAB REINFORCEMENT DETAIL 302 FOR LENGTHS OF BARS



(302) TYPICAL DETAILS FOR SLAB REINFORCEMENT

3/8" = 1'-0"

1. LENGTHS SHOWN ARE FOR BOTH TRANSVERSE & LONGITUDINAL BARS
2. SEE PLACING SEQUENCE NOTES AND DETAIL 202 ON Y&D DWG. Nº 814554 FOR RELATIVE POSITIONS OF TRANSVERSE & LONGITUDINAL BARS.
3. NOMINAL REINFORCEMENT = #4@13" TOP & BOT. THRUOUT ENTIRE SLAB AREA AS SHOWN ON DETAILS 301.
4. ADDITIONAL TOP & BOT. BARS - NOTED AS ADD. T. OR ADD. B. ON THE FRAMING PLANS - ARE TO BE ADDED TO THE NOMINAL REINF. AS SHOWN ON DETAILS 301.



(303) SECTION THRU CLOSURE STRIP

1/2" = 1'-0"

NOTES ON SLAB CONSTRUCTION.

1. SLABS 7½" THICK
2. SLAB PLANS INDICATE COLLARS ON COLUMNS TO BE EMPLOYED FOR ERECTION LOADS ONLY. ALL SUCH COLLARS TO BE TYPE "A", DETAIL 506. AT ALL OTHER COLUMNS, PROVIDE COLLAR TYPE "B", DETAIL 506.

GRAPHIC SCALES

1/8" = 1'-0" 0 5' 10' 15' 20' 25' 30' 35' 40' 45'

3/8" = 1'-0" 0 1' 2' 3' 4' 5' 10' 15'

1/2" = 1'-0" 0 1' 2' 3' 4' 5' 10'

NOTE: SEE Y & D DWG Nº 814553 FOR ABBREVIATIONS.

SUBMITTED: Cull Robinson & Green
DATE: Aug 21 1957 Cull & Robinson
SATISFACTORY TO:
DATE

RECORD DRAWING DATE 19 NOV. '64

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-64	FIFE
	P.W.C DWG. NO. 13497-141		

REVISIONS

DPWO DRAWING NO. NBN-80 S-3

A & E

DRAWN BY H.R.M.
CHECKED BY A.W.L.
APP'D BY K.D.E.

DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DPEESEN
DIRECTOR SEDDON

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON, MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

BACHELOR OFFICERS' QUARTERS

SECOND, THIRD, FOURTH FLOOR & ROOF PLANS
CONTRACTOR'S OPTION

APPROVED _____ DATE _____
OFFICER IN CHARGE

APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 6/1/57

SCALE: NOTED | SPEC. 12819/57
SHEET 20 OF 38 | NBy 12819
Y & D DRAWING NO. 814555

COLUMN SCHEDULE - CAST IN PLACE CONSTRUCTION

LEVEL \ COLUMN NO.	A1, D1 A17, D17	B1, C1 B17, D17	A2, A16	A3, A15	A4, A6, A14 D4, D6, D14	A5, A13 D5, D13	A7, D7	A8, D8	A9	A10	A11
ROOF / FUT. 5th FLOOR – 4th FLOOR (8'-8")	14x14 4-#7	18x10 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7
4th FLOOR – 3rd FLOOR (8'-8")	14x14 4-#7	18x10 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7
3rd FLOOR – 2nd FLOOR (8'-8")	14x14 4-#7	18x10 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7
2nd FLOOR – 1st FLOOR (8'-8")	14x14 4-#7	18x10 4-#7	10x18 4-#8	10x18 4-#8	10x18 4-#8	10x18 4-#8	10x18 4-#8	10x18 4-#8	10x18 4-#8	10x18 4-#8	10x18 4-#8
1st FLOOR ELEV. 20'-0" – BASEMENT OR CRAWL SPACE (VARIES)	8x8 PILASTER 4-#8 DET. 701	10x14 PILASTER 4-#8 DET. 701	14x18 4-#10 DET. 702	14x18 4-#10 DET. 702	14x18 4-#10 DET. 702	14x18 4-#10 DET. 702	14x18 4-#10 DET. 704	14x18 4-#10 DET. 704	14x18 (14x28 PILASTER BELOW) 4-#10 DET. 608-609-704	14x18 (14x8 PILASTER BELOW) 4-#10 DET. 703	14x18 (14x28 PILASTER BELOW) 4-#10 DET. 608-609-704

LEVEL \ COLUMN NO.	A12, D12	D9	D10	D11	D2, D16	D3, D15	B2, B16	C2, C16	B3, B15	C3, C15
ROOF / FUT. 5th FLOOR – 4th FLOOR (8'-8")	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x24 4-#7	10x24 4-#7	10x24 4-#7	10x24 4-#7
4th FLOOR – 3rd FLOOR (8'-8")	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x24 4-#7	10x24 4-#7	10x24 4-#7	10x24 4-#7
3rd FLOOR – 2nd FLOOR (8'-8")	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x18 4-#7	10x24 6-#8	10x24 6-#8	10x24 6-#8	10x24 6-#8
2nd FLOOR – 1st FLOOR (8'-8")	10x18 4-#8	10x18 4-#8	10x18 4-#8	10x18 4-#8	10x18 4-#8	10x18 4-#8	10x24 6-#10	10x24 6-#10	10x24 6-#10	10x27 6-#10
1st FLOOR ELEV. 20'-0" – BASEMENT OR CRAWL SPACE (VARIES)	14x18 (14x28 PILASTER BELOW) 4-#10 DET. 704	14x18 (14x28 PILASTER BELOW) 4-#10 DET. 608-609-704	14x18 (14x8 PILASTER BELOW) 4-#10 DET. 703	14x18 (14x28 PILASTER BELOW) 4-#10 DET. 608-609-704	10" REINF. CONC. WALL DET. 613, 615	10" REINF. CONC. WALL DET. 613, 615	14x24 6-#10	14x24 6-#10	14x24 6-#10	14x24 6-#10

LEVEL \ COLUMN NO.	B4, C4, B6 C6, B14, C14	B5, C5 B13, C13	B7, C7	B8	B9	B10	B11	C8	C11	B12, C12
ROOF / FUT. 5th FLOOR – 4th FLOOR (8'-8")	10x24 4-#7	10x24 4-#7	10x24 4-#7	10x24 4-#7	10x24 4-#7	10x24 4-#7	10x24 4-#7	10x24 4-#7	10x24 4-#7	10x24 4-#7
4th FLOOR – 3rd FLOOR (8'-8")	10x24 4-#7	10x24 4-#7	10x24 4-#7	10x24 4-#7	10x24 6-#8	10x24 6-#8	10x24 6-#8	10x24 4-#7	10x24 6-#8	10x24 4-#7
3rd FLOOR – 2nd FLOOR (8'-8")	10x24 6-#8	10x24 6-#8	10x24 6-#8	10x24 6-#8	10x24 6-#10	10x24 6-#10	10x24 6-#10	10x24 6-#8	10x24 6-#10	10x24 6-#8
2nd FLOOR – 1st FLOOR (8'-8")	10x24 6-#10	10x24 6-#10	10x24 6-#10	10x24 6-#10	10x24 8-#10	10x24 8-#10	10x24 8-#10	10x24 6-#10	10x24 8-#10	10x24 6-#10
1st FLOOR ELEV. 20'-0" – BASEMENT OR CRAWL SPACE (VARIES)	14x24 6-#10	14x24 6-#10	14x24 6-#10	14x24 6-#10	14x24 8-#11	14x24 8-#11	13½x24 8-#11	14x24 6-#10	14x24 8-#11	14x24 6-#10

1st Dimension of Column or Pilaster Size Is in East-West Direction

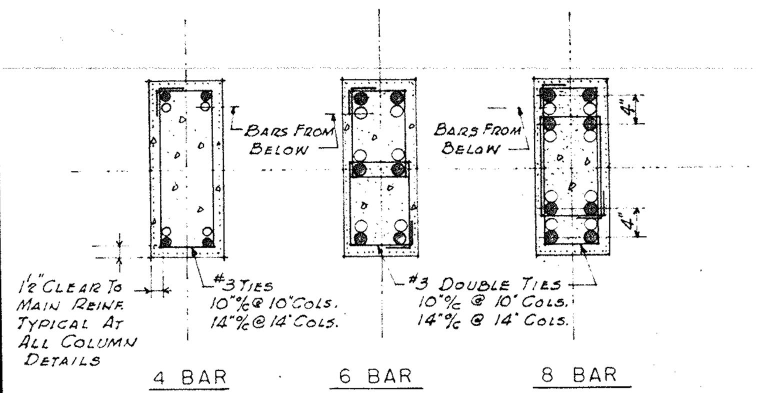
TYPICAL PEDESTAL AND FOOTING SCHEDULE - FOR CAST IN PLACE OR MECHANICAL ERECTION METHOD

COLUMN NO.	A1, D1 A17, D17	B1, C1 B17, C17	A2, A16	A3, A15	A4, A6, A14 D4, D6, D14	A5, A13 D5, D13	A7, D7	A8, D8	A9	A10	A11
PEDESTAL – TOP ELEVATION	13.50	13.50	13.50	13.50	13.50	13.50	9.25	9.25	9.25	9.25	9.25
PEDESTAL – SIZE AT TOP	24x24	28x18	22x44	22x44	22x44	22x44	22-50	22-50	22-50	22-50	22-50
PEDESTAL – REINF.	DWLS. 4-#5	DWLS. 4-#5	DWLS. 8-#5	DWLS. 8-#5	DWLS. 8-#5	DWLS. 8-#5	DWLS. 8-#5	DWLS. 8-#5	DWLS. 8-#5	DWLS. 8-#5	DWLS. 8-#5
FOOTING – SIZE	3-0-3-0	3-4-3-0	2-6-6-2	2-6-6-2	2-6-6-2	2-6-6-2	2-6-7-2	2-6-7-2	2-6-7-2	2-6-7-2	2-6-7-2
FOOTING – MINIMUM DEPTH	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6

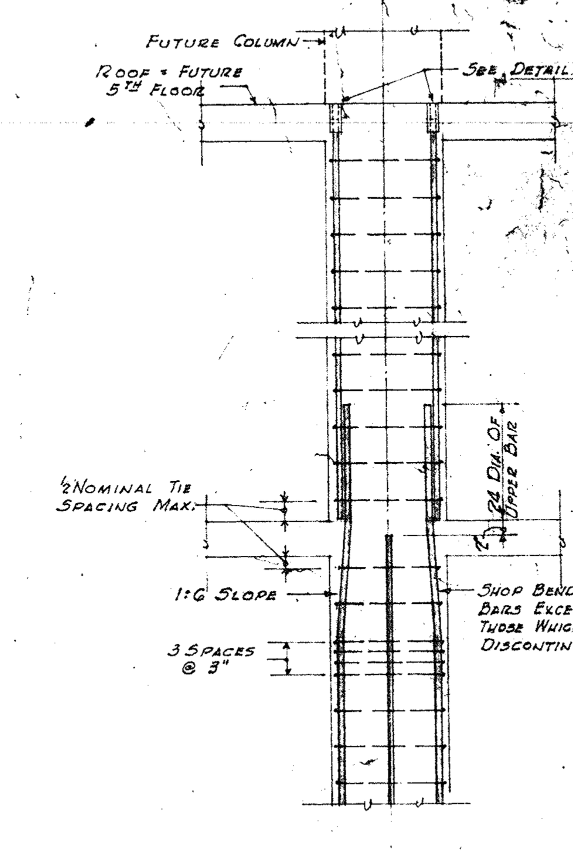
COLUMN NO.	A12, D12	D9	D10	D11	D2, D16	D3, D15	B2, B16	C2, C16	B3, B15	C3, C15
PEDESTAL – TOP ELEVATION	9.25	9.25	9.25	9.25	13.50	13.50	15.33	15.33	15.33	15.33
PEDESTAL – SIZE AT TOP	22-50	22-50	22-50	22-50	22-30	22-30	30-30	30-30	30-30	30-30
PEDESTAL – REINF.	DWLS. 8-#5	DWLS. 8-#5	DWLS. 8-#5	DWLS. 8-#5	DWLS. 6-#5	DWLS. 6-#5	DWLS. 8-#5	DWLS. 8-#5	DWLS. 8-#5	DWLS. 8-#5
FOOTING – SIZE	2-6-7-2	2-6-7-2	2-6-7-2	2-6-7-2	3-0-4-0	3-0-4-0	4-6-4-6	4-6-4-6	4-0-4-0	4-0-4-0
FOOTING – MINIMUM DEPTH	1-6	1-6	1-6	1-6	1-6	1-6	2-6	2-6	2-0	2-0

COLUMN NO.	B4, C4, B6 C6, B14, C14	B5, C5 B13, C13	B7, C7	B8	B9	B10	B11	C8	C11	B12, C12
PEDESTAL – TOP ELEVATION	15.33	15.33	9.25	9.92	9.92	9.25	9.25	9.92	9.92	9.25
PEDESTAL – SIZE AT TOP	30-30	30-30	40-40	40-40	45-45	45x45	45x45	40x40	45x45	40-40
PEDESTAL – REINF.	DWLS. 8-#5	DWLS. 8-#5	DWLS. 8-#5	MONOLITHIC	MONOLITHIC	MONOLITHIC	MONOLITHIC	MONOLITHIC	MONOLITHIC	MONOLITHIC
FOOTING – SIZE	4-0-4-0	4-0-4-0	4-6-4-6	4-6-4-6	4-10-4-10	4-10-4-10	4-10-4-10	4-6-4-6	4-10-4-10	4-6-4-6
FOOTING – MINIMUM DEPTH	SEE DIM. "D" ON PLAN	SEE DIM. "D" ON PLAN	1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6

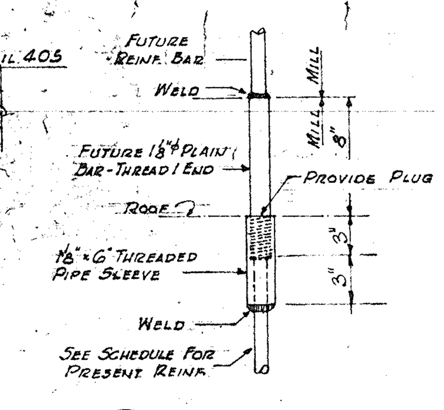
See Foundation Plan for Elevation of Bottom of Footings
1st Dimension of Pedestal or Footing Is in East-West Direction



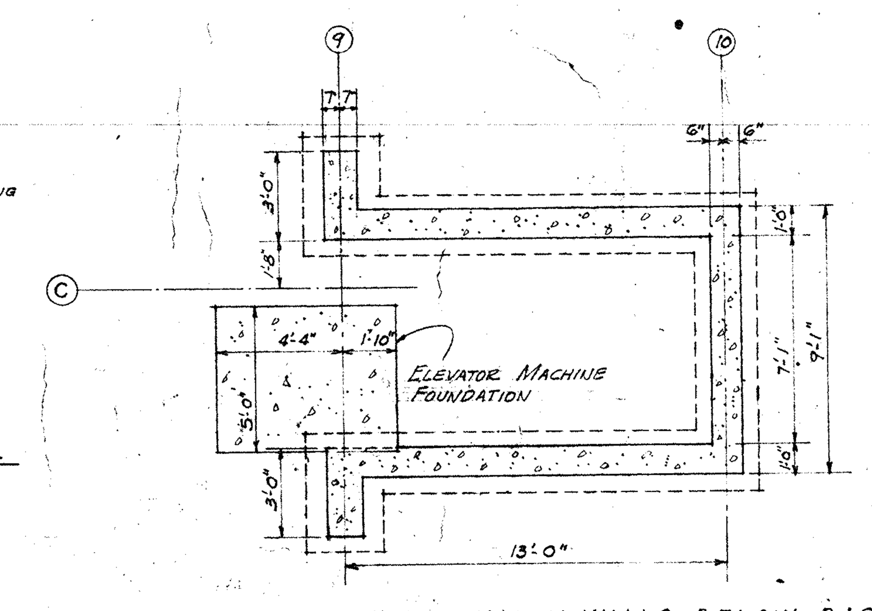
402 TYPICAL COLUMN BAR & TIE DETAILS



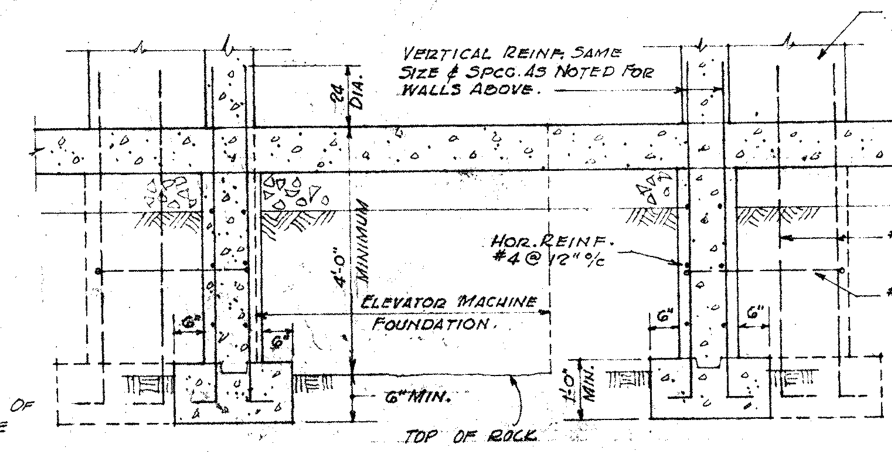
404 TYPICAL COLUMN DETAIL
NO SCALE



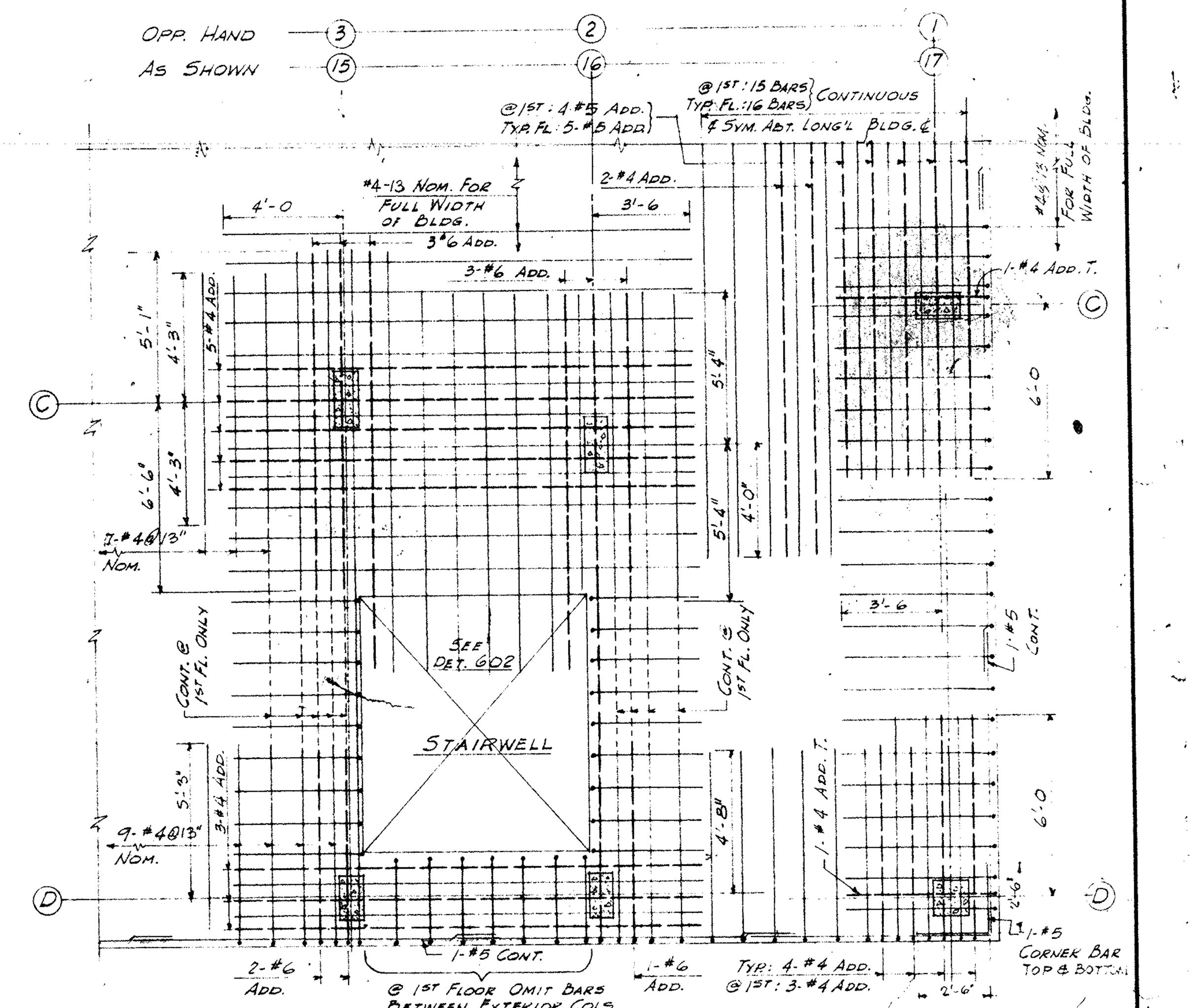
405 SPLICE DETAIL
½" = 1'-0"



PLAN OF ELEVATOR HATCH WALLS BELOW BASEMENT
SCALE ¼" = 1'-0"

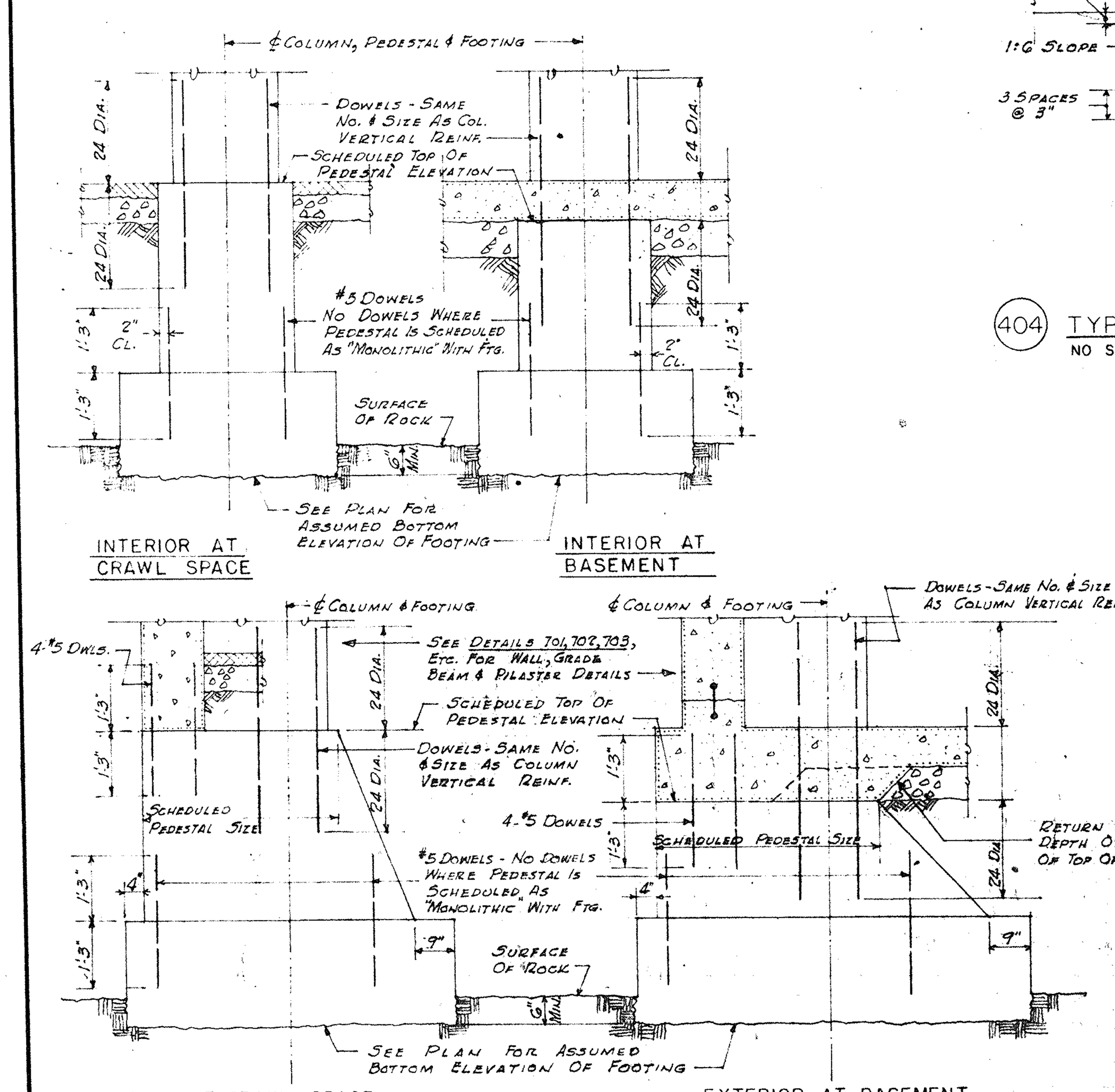


ELEVATOR HATCH FOUNDATION
½" = 1'-0"

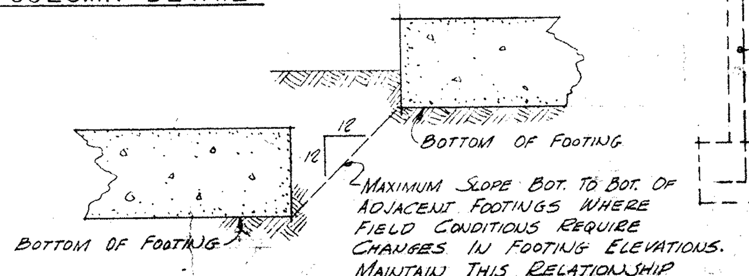


401 PART PLAN - TOP REINFORCEMENT - SOUTHEAST CORNER
¼" = 1'-0"
SOUTHWEST CORNER SAME - OPPOSITE HAND. OTHER CORNERS SIMILAR EXCEPT AS SHOWN OR NOTED.

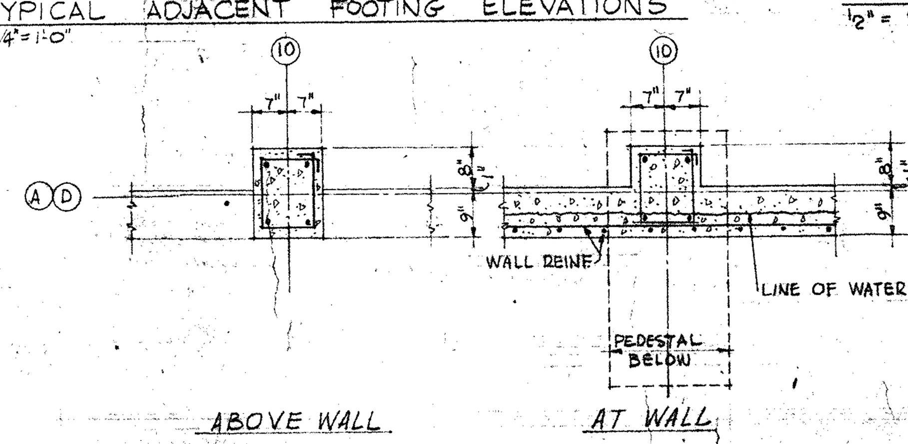
1. For Bottom Reinf. in This Area Use #4 @ 13 Nominal with Additional Bars as Shown on ⅛" Scale Framing Plans.
2. Unless Otherwise Noted: Nominal Top Reinf. = #4 @ 13 Shown Thus: Additional Top Reinf., Sizes Noted, Shown Thus:
3. For Additional Reinf. Around Opgs. See ⅛" Scale Framing Plan @ Elevator



403 TYPICAL PEDESTAL & FOOTING DETAILS
NO SCALE



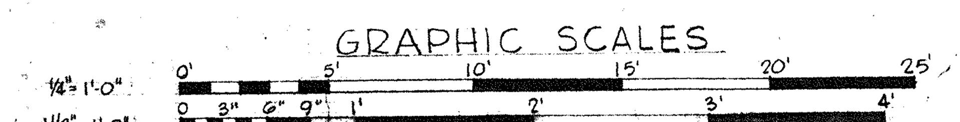
TYPICAL ADJACENT FOOTING ELEVATIONS
¾" = 1'-0"



ABOVE WALL
AT WALL
COLUMN AND PILASTER DETAIL - COLUMN A-10, D-10
SCALE - ½" = 1'-0"

SEE YARDS AND DOCKS DRAWING #814553 FOR LEGEND AND ABBREVIATION

GRAPHIC SCALES



P.W.C. DWG. NO. 13498-141
RECORD DRAWING
NO CHANGES MADE | 11-19-64 | FIFE
DATE 19 NOV '64

SYMBOL	DESCRIPTION	DATE	APPROVAL
	REVISIONS		

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

DPWO DRAWING NO. NBN-80 S-4
A & E
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
SCHEDULES & DETAILS

DRAWN BY B.V.
CHECKED BY T.D.R.
APP'D BY K.D.P.
DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DREESEN
DIRECTOR SEDDON
APPROVED
OFFICER IN CHARGE
DATE
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/16/58
SCALE: NOTED
SPEC. 12819/57
SHEET 21 OF 38
NBy 12819
Y & D DRAWING NO. 814556

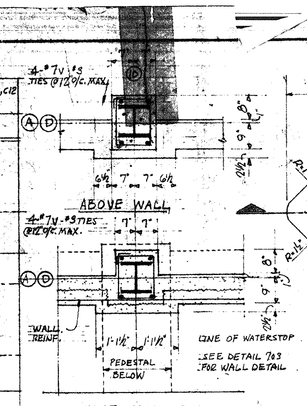
SUBMITTED: Cull, Robinson & Green
DATE:
SATISFACTORY TO:
DATE

COLUMN SCHEDULE FOR MECHANICAL ERECTION METHOD

COLUMN NO. / LEVEL	A1, D1, A17, D17	B1, C1, B17, C17	A2, A16	A3, A15	A4, A5, A6, A14, D4, D6, D14	A8, A13, D8, D13	A7, D7	A8, D8	A9	A10	A11	A12, D12	D9	D10	D11	D2, D16	D3, D15	D5, D16	C2, C16	D3, D15	C3, C15
R OF FUT. 5th FL.																					
4th FLOOR	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF54
3rd FLOOR	SPLICE																				
2nd FLOOR	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF66	10WF72
1st FLOOR EL. 20.00	SPLICE (AT CONTRACTORS OPTION THIS LEVEL OF SPLICES MAY BE OMITTED)																				
BSMT OR CRAWL SPACE	10WF49 DET.509	10WF49 DET.510	10WF49 DET.511	10WF49 DET.511	10WF49 DET.511	10WF49 DET.511	10WF49 DET.513	10WF49 DET.513	10WF49 DET.511	10WF49 DET.519	10WF49 DET.511	10WF49 DET.513	10WF49 DET.511	10WF49 DET.519	10WF49 DET.511	10WF49	10WF49 DET.513	10WF49 DET.514	10WF66 DET.514	10WF72 DET.514	10WF49 DET.514
BASE PLATE	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1
EL. BOT. OF BASE PLATE	13.60	13.60	13.60	13.60	13.60	13.60	10.77	10.77	10.77	10.77	10.77	10.77	10.77	10.77	13.60	13.60	15.43	15.43	15.43	15.43	15.43

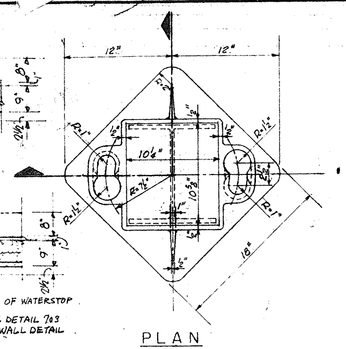
COLUMN NO. / LEVEL	D4, C4, D6, C6, D14, C14	B5, C5, B15, C15	D7, C7	D8	D9	D10	D11	C8	C9	C10	C11	B12, C12
R OF FUT. 5th FL.												
4th FLOOR	10WF49	10WF49	10WF54	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49	10WF49
3rd FLOOR												
2nd FLOOR	10WF49	10WF66	10WF72	10WF49	10WF54	10WF54	10WF54	10WF49	10WF49	10WF49	10WF54	10WF49
1st FLOOR EL. 20.00												
BSMT OR CRAWL SPACE	10WF49	10WF66 DET.514	10WF72 DET.512	10WF49 DET.514	10WF54 DET.514	10WF54 DET.514	10WF54 DET.514	10WF49 DET.514	10WF49	10WF49	10WF54 DET.514	10WF49 DET.512
BASE PLATE	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1	14x10x1
EL. BOT. OF BASE PLATE	15.43	15.43	10.77	10.77	10.77	10.77	10.77	10.77	10.77	10.77	10.77	10.77

FIRST DIMENSION OF BASE PLATE SIZE IS PARALLEL TO COLUMN WEB.

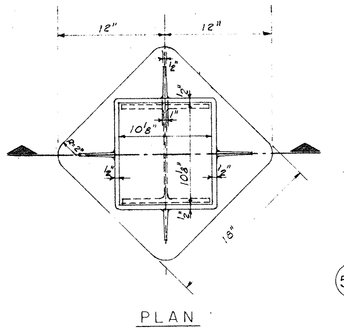


519 COLS. A-10 & D-10
SCALE: 1/2" = 1'-0"

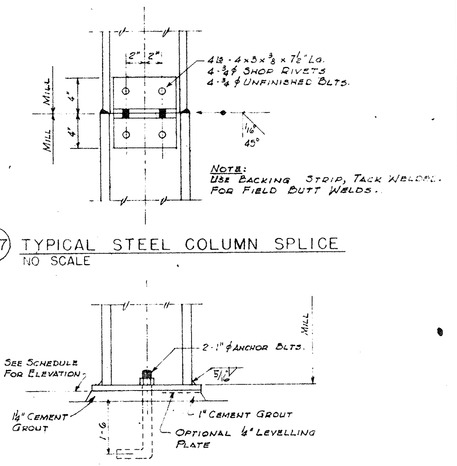
AT WALL



505 TYPICAL DETAIL OF CAST STEEL COLLAR - TYPE "A"
1½" = 1'-0"

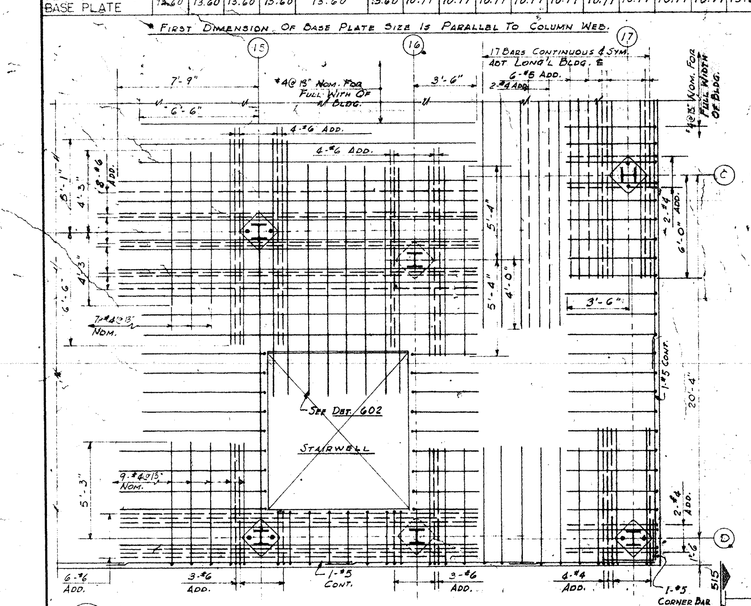


506 TYPICAL DETAIL OF CAST STEEL COLLAR - TYPE "B"
1½" = 1'-0"



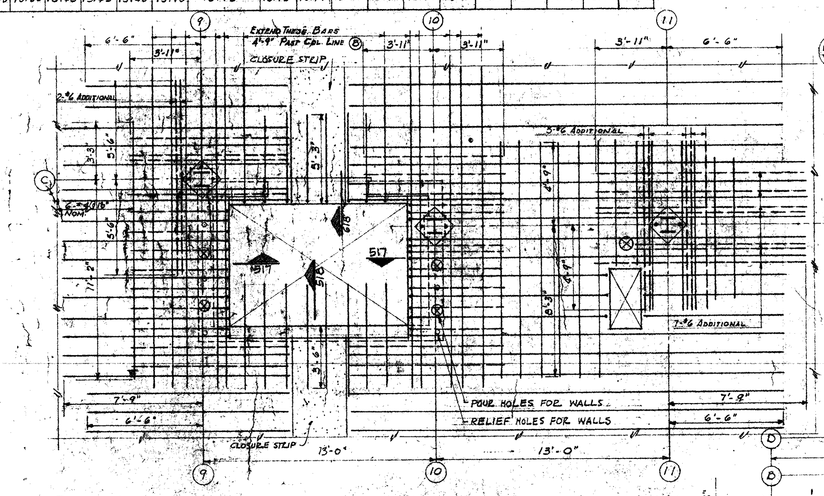
507 TYPICAL STEEL COLUMN SPLICE
NO SCALE

508 TYPICAL STEEL COLUMN BASE
NO SCALE



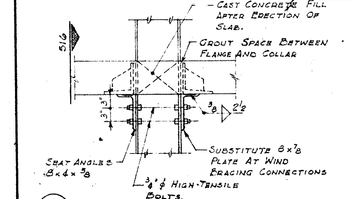
501 PART PLAN - TOP REINFORCEMENT - SOUTHEAST CORNER
SOUTHWEST CORNER - SAME - OPPOSITE HAND - OTHER CORNERS SIMILAR EXCEPT AS SHOWN OR NOTED
1/4" = 1'-0"

1. FOR BOT. REINF. IN THIS AREA USE #4 @ 13 NOMINAL WITH ADDITIONAL BARS AS SHOWN ON 1/8" SCALE FRAMING PLANS.
2. UNLESS OTHERWISE NOTED:
   NOMINAL TOP REINF. = #4 @ 13" SHOWN THUS: ———
   ADDITIONAL TOP REINF. SIZES NOTED, SHOWN THUS: — — —
3. FOR ADDITIONAL REINF. AROUND OPG'S SEE 1/8" SCALE FRAMING PLAN & ELEVATOR.

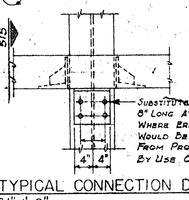


502 PART PLAN - TOP REINFORCEMENT - ELEVATOR HATCH AREA
SCALE 1/4" = 1'-0"

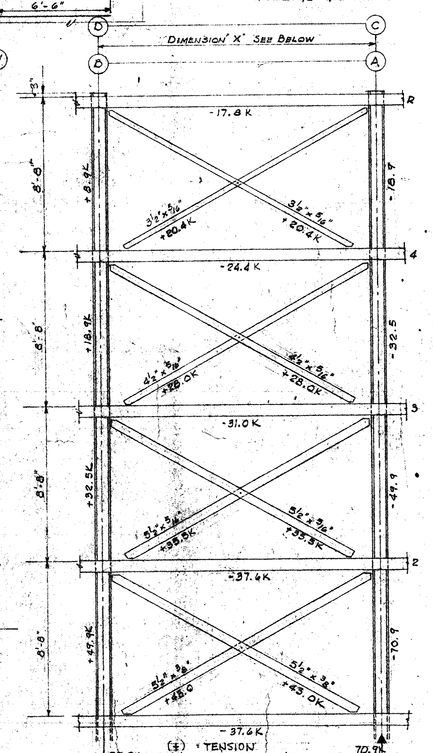
1. UNLESS OTHERWISE NOTED:
   NOMINAL REINF. = #4 @ 13 SHOWN THUS: ———
   ADDITIONAL REINF. = #4 @ 13 SHOWN THUS: — — —
2. FOR SPACING OF BARS @ COLS. & WALLS & FOR OTHER NOTATION SEE DETAILS 301 & 616.
3. FOR ADDITIONAL REINF. AROUND OPENINGS SEE 1/8" SCALE FRAMING PLANS.
4. FOR BOT. REINF. IN THIS AREA USE #4 @ 15" NOMINAL WITH ADDITIONAL AS SHOWN ON 1/8" SCALE PLANS. ALSO REFER TO DETAIL 616



515 TYPICAL CONNECTION DETAIL
3/4" = 1'-0"

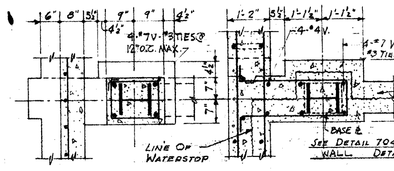


516 TYPICAL CONNECTION DETAIL
3/4" = 1'-0"



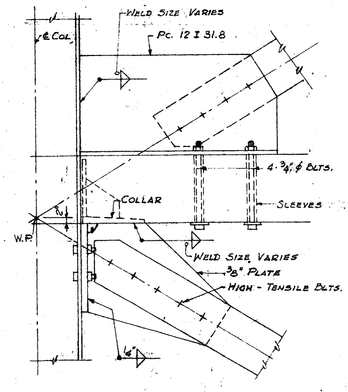
503 WIND BRACING DETAIL
1/4" = 1'-0"

DAYS TO BE BRACED AND DIMENSION 'X' ARE AS FOLLOWS
COL. B2 TO A2, B16 TO A16 — 14'-0"
COL. D2 TO C2, D16 TO C16 — 15'-6"
COL. D7 TO C7, B7 TO A7, COL. D12 TO C12, B12 TO A12 — 15'-8"

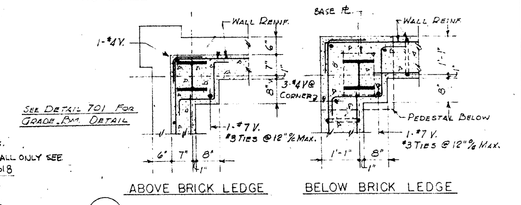


ABOVE BRICK LEDGE — BELOW BRICK LEDGE

513 COLUMNS A7, D7, A12, D12
1/2" = 1'-0"

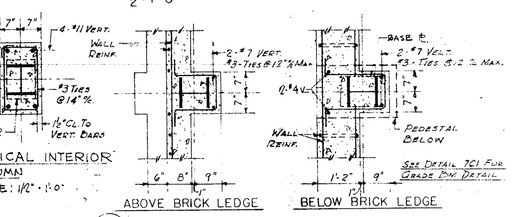


504 TYPICAL WIND BRACING CONNECTION
NO SCALE



ABOVE BRICK LEDGE — BELOW BRICK LEDGE

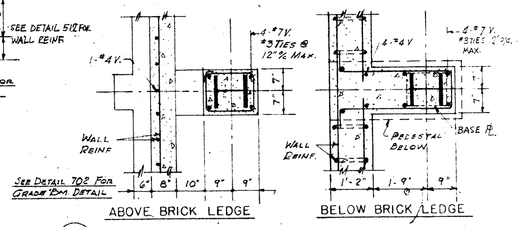
509 COLUMNS A1, D1, A17, D17.
1/2" = 1'-0"



ABOVE BRICK LEDGE — BELOW BRICK LEDGE

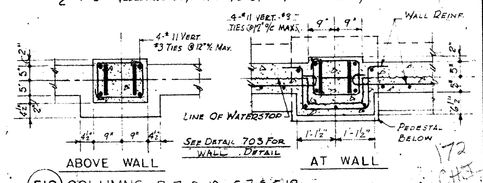
514 TYPICAL INTERIOR COLUMN
SCALE: 1/2" = 1'-0"

510 COLUMNS B1, C1, B17, C17
1/2" = 1'-0"



ABOVE BRICK LEDGE — BELOW BRICK LEDGE

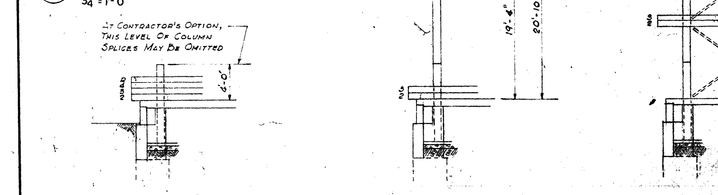
511 COLUMNS A2-A6, A13-A16, D4-D6, D13, D14
1/2" = 1'-0" (COLUMNS A-8, A-9, A-11, D-8, D-9, D-11 SIMILAR)

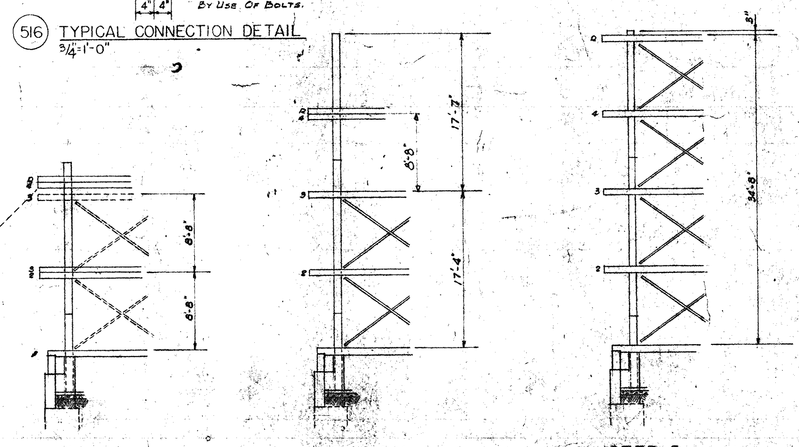


ABOVE WALL — AT WALL

512 COLUMNS B-7, B-12, C-7 & C-12
1/2" = 1'-0"

DWG. NO. 13499-141





STEP 1

CAST FOUNDATIONS, WALLS, AND 1st FLOOR IN PLACE. FORMS AND SHORING SUPPORTING 1st FLOOR TO BE DESIGNED AND CONSTRUCTED TO SAFELY SUPPORT CONSTRUCTION LOAD TO BE IMPOSED WITHOUT SETTLEMENT. CAST 2nd, 3rd, 4th & ROOF SLABS ON 1st FLOOR AS CASTING BED.

STEP 2

ERECT AND SPLICE 2nd TIER OF COLUMNS. LIFT 4th, FL. AND ROOF TO POSITION SHOWN; ATTACH TEMPORARY CLIP ANGLES ON ALL COLUMNS. ATTACH TEMPORARY EXTERNAL GUYS (4 PER SECTION) TO 4th FLOOR SLAB AND SUITABLE ANCHORAGES.

STEP 3

LIFT 2nd & 3rd FLOOR SLABS TO FINAL 2nd FL. POSITION. ATTACH SHEAR PLATES AND CLIPS TO ALL COLUMNS. SEPARATE AND LIFT 3rd FL. SLAB TO FINAL POSITION; ATTACH SHEAR PLATES AND CLIPS TO ALL COLUMNS. ERECT AND CONNECT WIND BRACING FROM 1st TO 3rd FLOORS. ATTACH TEMPORARY GUYS. 1st TO 3rd FLOOR, LONGITUDINAL DIRECTION.

STEP 4

REMOVE EXTERIOR GUYS. ERECT AND SPLICE 3rd TIER OF COLUMNS. LIFT 4th AND ROOF SLABS TO FINAL 4th FL. POSITION. ATTACH ANGLES AND SHEAR PLATES UNDER 4th FL. AT ALL COLUMNS. WELD CONNECTIONS TO COLLARS AT WIND BRACING LINES.

STEP 5

LIFT ROOF TO FINAL POSITION; ATTACH SEAT ANGLES; WELD SEAT ANGLES TO COLLARS AT WIND BRACING LINES; ERECT AND CONNECT WIND BRACING FROM 3rd FL. TO ROOF; CONCRETE BETWEEN ALL COLUMNS AND COLLARS; CAST CLOSURE STRIPS, BEGINNING AT 2nd FL.

SUGGESTED SEQUENCE FOR CONSTRUCTION BY MECHANICAL ERECTION METHOD

SEE V.A.S. DWG. NO. 814553 FOR LEGEND & ABBREVIATIONS

GRAPHIC SCALES

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE. ~~RECORD DRAWING~~ DATE 19 NOV 64	11-19-64	FIFE

REVISIONS

SUBMITTED: Cull, Robinson & Green
DATE: 11-13-63
SATISFACTORY TO:
DATE

DPWO DRAWING NO. NBN-80 S-5
A & E
DRAWN BY H.R.M.
CHECKED BY AWL.
APP'D BY KDB
DPWO IST ND.
SAN ENGR.
SAF'Y ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DREYDEN
DIRECTOR S. EDDON
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO CHIEF OF BUREAU
DATE 5-6-65

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE IST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

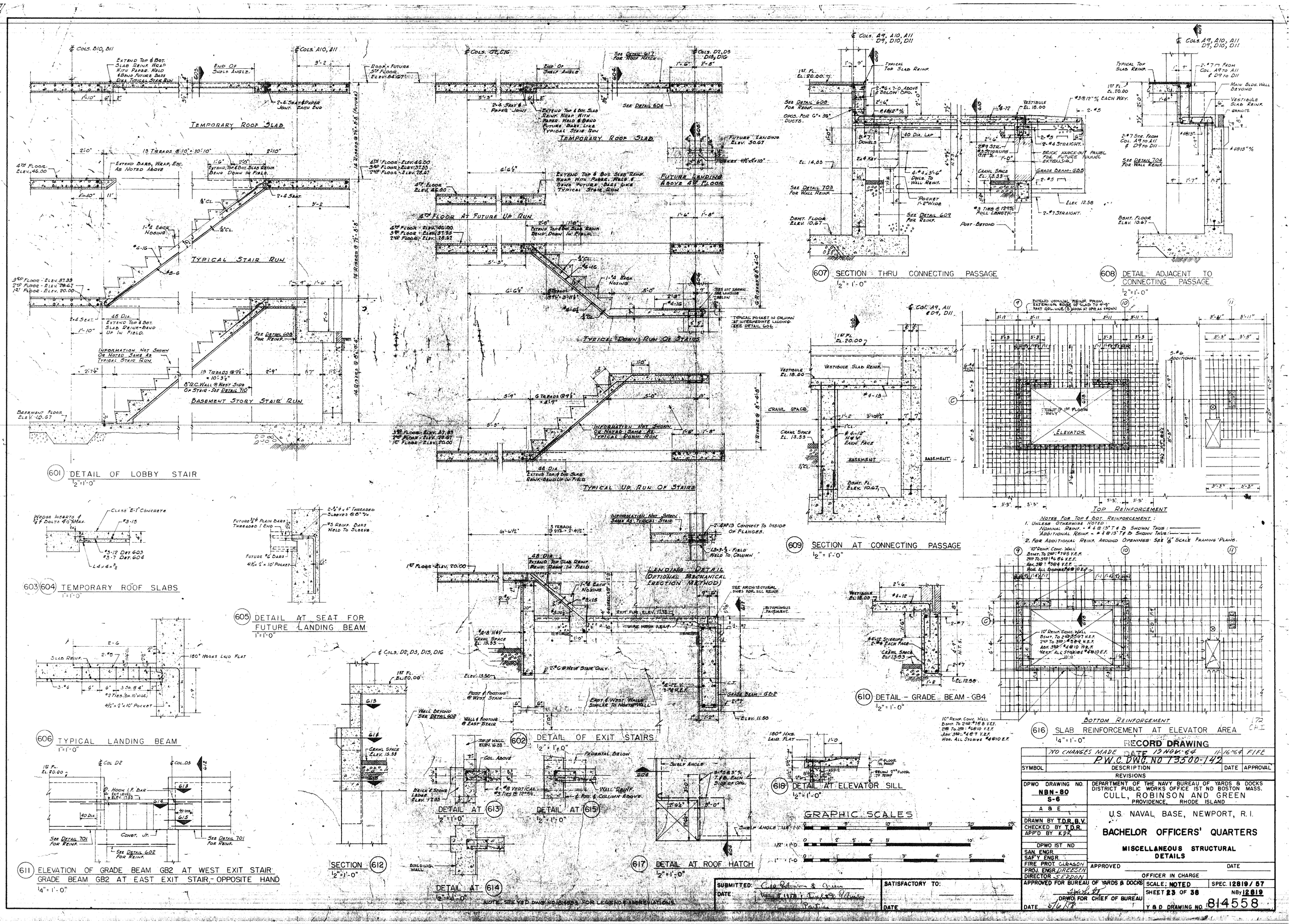
U.S. NAVAL BASE, NEWPORT, R.I.

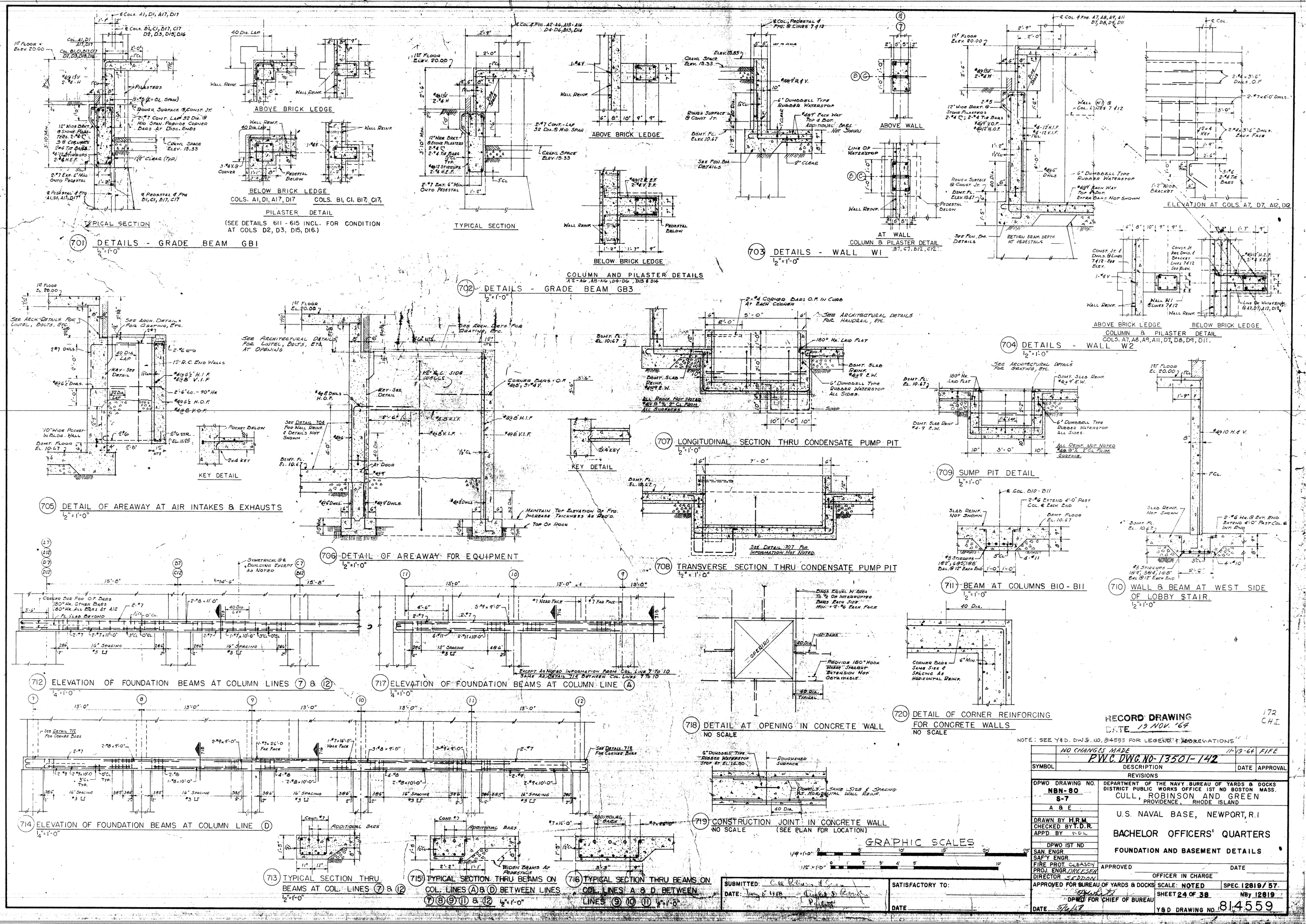
BACHELOR OFFICERS' QUARTERS

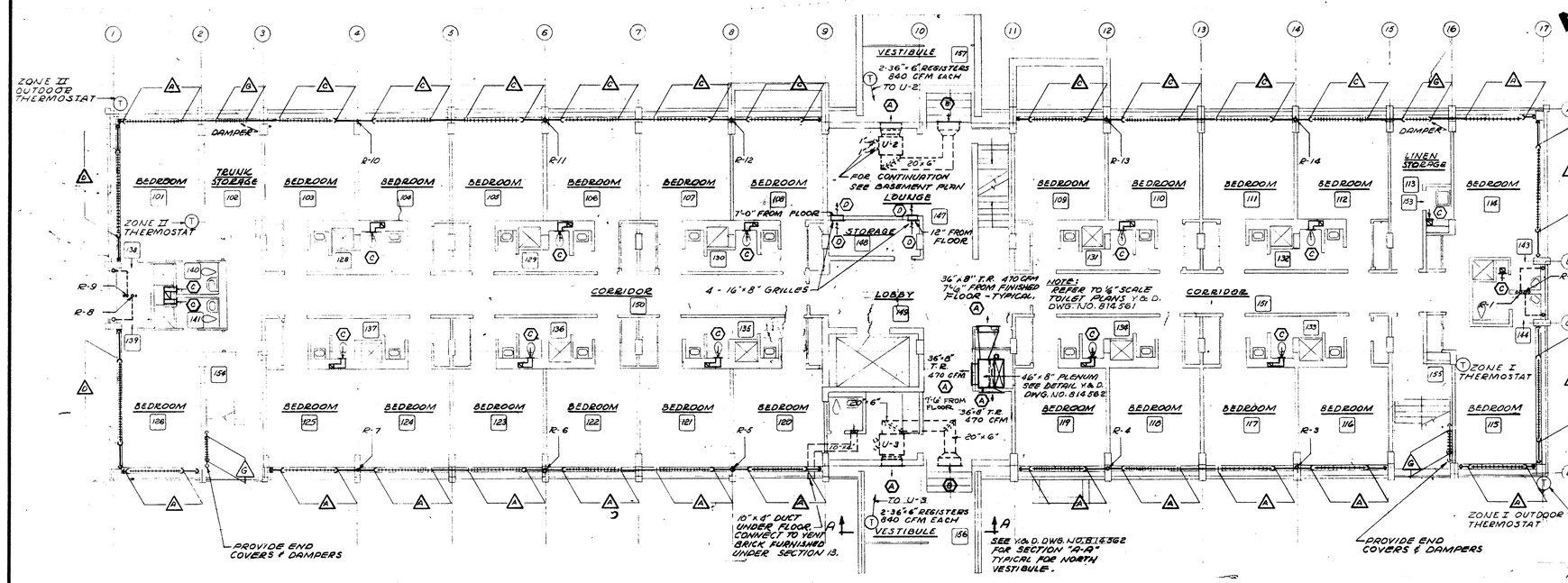
SCHEDULE & DETAILS
CONTRACTOR'S OPTION

APPROVED — DATE
OFFICER IN CHARGE

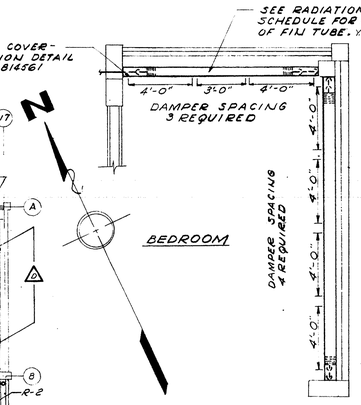
SCALE: NOTED — SPEC. 12819/67
SHEET 22 OF 38 — NBy 12819
B.D. DRAWING NO. 814557


601 DETAIL OF LOBBY STAIR
1/2"=1'-0"
TEMPORARY ROOF SLAB
TYPICAL STAIR RUN
BASEMENT STORY STAIR RUN
TYPICAL DOWN RUN OF STAIRS
TYPICAL UP RUN OF STAIRS
4TH FLOOR AT FUTURE UP RUN
FUTURE LANDING ABOVE 4TH FLOOR
607 SECTION THRU CONNECTING PASSAGE
1/2"=1'-0"
608 DETAIL ADJACENT TO CONNECTING PASSAGE
1/2"=1'-0"
TOP REINFORCEMENT
BOTTOM REINFORCEMENT
609 SECTION AT CONNECTING PASSAGE
1/2"=1'-0"
NOTES FOR TOP & BOT. REINFORCEMENT:
1. UNLESS OTHERWISE NOTED:
NOMINAL REINF. = #4 @ 13" T & B SHOWN THUS:
ADDITIONAL REINF. = #4 @ 13" T & B SHOWN THUS:
2. FOR ADDITIONAL REINF. AROUND OPENINGS SEE 1/8" SCALE FRAMING PLANS.
603 604 TEMPORARY ROOF SLABS
1"=1'-0"
605 DETAIL AT SEAT FOR FUTURE LANDING BEAM
1"=1'-0"
606 TYPICAL LANDING BEAM
1"=1'-0"
611 ELEVATION OF GRADE BEAM GB2 AT WEST EXIT STAIR
GRADE BEAM GB2 AT EAST EXIT STAIR - OPPOSITE HAND
1/4"=1'-0"
602 DETAIL OF EXIT STAIRS
1/2"=1'-0"
LANDING DETAIL (OPTIONAL MECHANICAL ERECTION METHOD)
610 DETAIL - GRADE BEAM - GB4
1/2"=1'-0"
616 SLAB REINFORCEMENT AT ELEVATOR AREA
1/4"=1'-0"
DETAIL AT 613
1/2"=1'-0"
DETAIL AT 615
1/2"=1'-0"
SECTION 612
1/2"=1'-0"
DETAIL AT 614
1/2"=1'-0"
617 DETAIL AT ROOF HATCH
1/2"=1'-0"
618 DETAIL AT ELEVATOR SILL
1/2"=1'-0"
GRAPHIC SCALES
NOTE: SEE Y&D DWG. NO. 814557 FOR LEGEND & ABBREVIATIONS.
RECORD DRAWING
NO CHANGES MADE DATE 13 NOV. 64 11/16/64 FIFE
P.W.C. DWG. NO 73500-142
SYMBOL DESCRIPTION DATE APPROVAL
REVISIONS
DPWO DRAWING NO. NBN-80 S-6
A & E
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
MISCELLANEOUS STRUCTURAL DETAILS
DRAWN BY T.D.R., B.V.
CHECKED BY T.D.R.
APP'D BY K.P.K.
DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. CLEASON
PROJ. ENGR. DREESIN
DIRECTOR SEDDON
APPROVED
DATE
OFFICER IN CHARGE
SUBMITTED:
DATE:
SATISFACTORY TO:
DATE
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/68
SCALE: NOTED
SPEC. 12819/57
SHEET 23 OF 38
NBy 12819
Y & D DRAWING NO. 814558

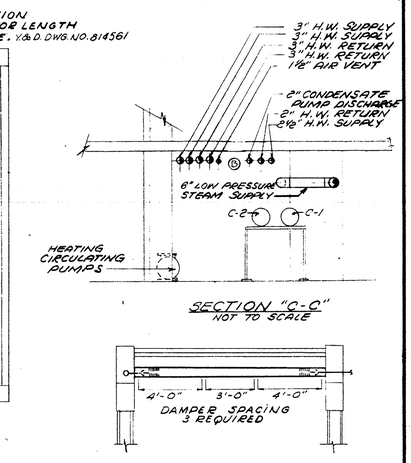

TYPICAL SECTION
ABOVE BRICK LEDGE
BELOW BRICK LEDGE
COLS. A1, D1, A17, D17
COLS. B1, C1, B17, C17
PILASTER DETAIL
(SEE DETAILS 611 - 615 INCL. FOR CONDITION AT COLS D2, D3, D15, D16.)
701 DETAILS - GRADE BEAM GB1
1/2"=1'-0"
TYPICAL SECTION
ABOVE BRICK LEDGE
BELOW BRICK LEDGE
COLUMN AND PILASTER DETAILS
A2-A6, A13-A16, D4-D6, D13 & D14
702 DETAILS - GRADE BEAM GB3
1/2"=1'-0"
ABOVE WALL
AT WALL
COLUMN & PILASTER DETAIL
B7, C7, B12, C12
703 DETAILS - WALL W1
1/2"=1'-0"
ABOVE BRICK LEDGE
BELOW BRICK LEDGE
COLUMN & PILASTER DETAIL
COLS. A7, A8, A9, A11, D7, D8, D9, D11.
704 DETAILS - WALL W2
1/2"=1'-0"
705 DETAIL OF AREAWAY AT AIR INTAKES & EXHAUSTS
1/2"=1'-0"
KEY DETAIL
706 DETAIL OF AREAWAY FOR EQUIPMENT
1/2"=1'-0"
707 LONGITUDINAL SECTION THRU CONDENSATE PUMP PIT
1/2"=1'-0"
708 TRANSVERSE SECTION THRU CONDENSATE PUMP PIT
1/2"=1'-0"
709 SUMP PIT DETAIL
1/2"=1'-0"
710 WALL & BEAM AT WEST SIDE OF LOBBY STAIR
1/2"=1'-0"
711 BEAM AT COLUMNS B10 - B11
1/2"=1'-0"
712 ELEVATION OF FOUNDATION BEAMS AT COLUMN LINES 7 & 12
1/4"=1'-0"
717 ELEVATION OF FOUNDATION BEAMS AT COLUMN LINE A
1/4"=1'-0"
714 ELEVATION OF FOUNDATION BEAMS AT COLUMN LINE D
1/4"=1'-0"
713 TYPICAL SECTION THRU BEAMS AT COL. LINES 7 & 12
1/2"=1'-0"
715 TYPICAL SECTION THRU BEAMS ON COL. LINES A & D BETWEEN LINES 7 8 9 11 & 12
1/2"=1'-0"
716 TYPICAL SECTION THRU BEAMS ON COL. LINES A & D BETWEEN LINES 9 10 11
1/2"=1'-0"
718 DETAIL AT OPENING IN CONCRETE WALL
NO SCALE
719 CONSTRUCTION JOINT IN CONCRETE WALL
NO SCALE
(SEE PLAN FOR LOCATION)
720 DETAIL OF CORNER REINFORCING FOR CONCRETE WALLS
NO SCALE
GRAPHIC SCALES
RECORD DRAWING
DATE 19 NOV. '64
172
CHI
NOTE: SEE Y&D. DWG. NO. 814553 FOR LEGEND & ABBREVIATIONS
NO CHANGES MADE 11-19-64 FIFE
P.W.C. DWG. NO-13501-142
SYMBOL DESCRIPTION DATE APPROVAL
REVISIONS
DPWO DRAWING NO. NBN-80 S-7 A & E
DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND
U.S. NAVAL BASE, NEWPORT, R.I.
BACHELOR OFFICERS' QUARTERS
FOUNDATION AND BASEMENT DETAILS
DRAWN BY H.R.M.
CHECKED BY I.D.R.
APPD BY I.D.R.
DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. CLEASON
PROJ. ENGR. DREESEN
DIRECTOR SCODDAY
APPROVED
DATE
OFFICER IN CHARGE
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/47
SCALE: NOTED
SPEC. 12619/57
SHEET 24 OF 38
NBy 12819
Y&D DRAWING NO. 814559
SUBMITTED:
DATE:
SATISFACTORY TO:
DATE



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

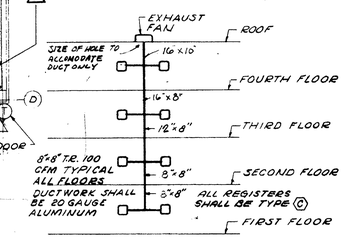


DETACHED PLAN TYPICAL
1ST FLOOR CORNER ROOM
SCALE - 1/4" = 1'-0"

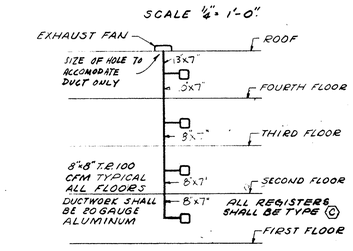


SECTION "C-C"
NOT TO SCALE

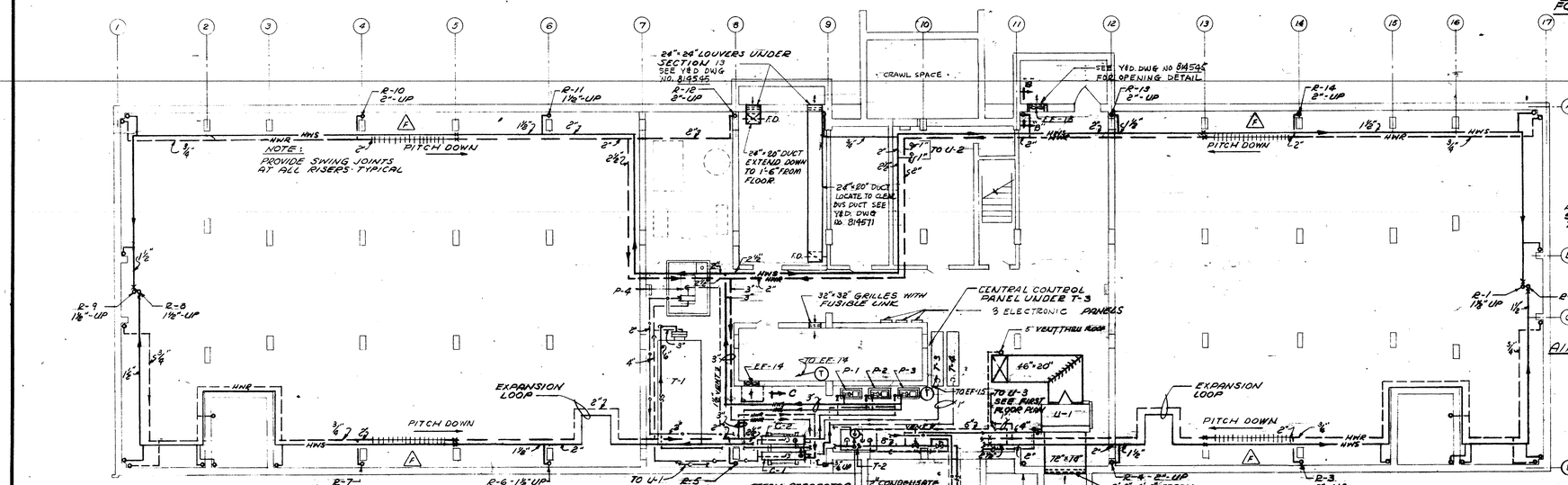
DETACHED PLAN TYPICAL
BEDROOM
SCALE 1/4" = 1'-0"



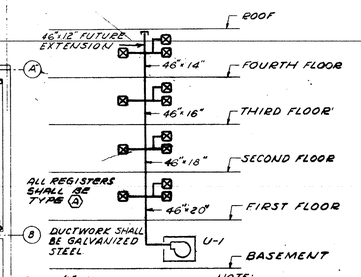
AIR EXHAUST RISER DIAGRAM
FOR TOILET ROOMS 140, 240, 340, 440
NOT TO SCALE



TYPICAL TOILET ROOM & JANITOR CLOSET
AIR EXHAUST RISER DIAGRAM
NOT TO SCALE



BASEMENT PLAN
SCALE 1/8" = 1'-0"



AIR SUPPLY RISER DIAGRAM
NOT TO SCALE

DESIGN DATA		DESIGN CONDITIONS		STEAM TOTAL
U FACTORS		TEMPERATURES		RADIATION 1400 #/HR.
GLASS	1.13	OUTDOOR	0°F.	DOMESTIC HOT WATER 4500 #/HR
BRICK WALL	0.35	INDOOR	70°F.	MAKE-UP AIR 900 #/HR
PANEL WALL	0.35	HEATING WATER		GRAND TOTAL 6800 #/HR.
ROOF	0.20	SUPPLY	210°F.	
SLAB ON GRADE	28 BTU/ft² PER/METER (2'-0" ABOVE GRADE) 0.9	RETURN	190°F.	
		AVERAGE	200	
EXPOSURE FACTOR % ADDED		DOMESTIC HOT WATER		
NORTH	15%	ENTERING	40°F.	
WEST	10%	LEAVING	140°F.	

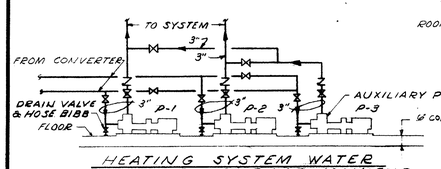
GENERAL NOTES
1. REFER TO Y.&D. DWG. NO. 814561 FOR 2,3,&4TH FLOOR & ROOF PLANS.
2. REFER TO Y.&D. DWG. NO. 814561 FOR TYPICAL TOILET VENTILATION DUCTWORK ARRANGEMENT & TYPICAL RADIATION DETAILS & SCHEDULES.
3. REFER TO Y.&D. DWG. NO. 814562 FOR DETAILS, SCHEDULES & LEGEND.
4. REFER TO Y.&D. DWG. NO. 814563 FOR HEATING RISER, TEMPERATURE CONTROL DIAGRAMS & STEAM TRENCH & PIT PLANS & DETAILS.
5. ALL PIPING IS SHOWN DIAGRAMMATICALLY.
6. DIMENSIONS OF GRILLES ABOVE FLOOR ARE TAKEN TO THE CENTER LINE.

P.W.C. DWG. NO. 13502-142

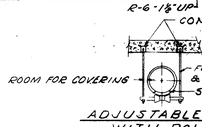
"As Built" REV.
PENDING ATTACHED SKETCH OF STM RED.
STA. 9-2-60 [illegible]

172
CHI

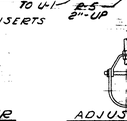
RECORD DRAWING
DATE 19 NOV. 64



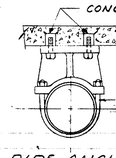
HEATING SYSTEM WATER
CIRCULATING PUMP MANIFOLD
NOT TO SCALE



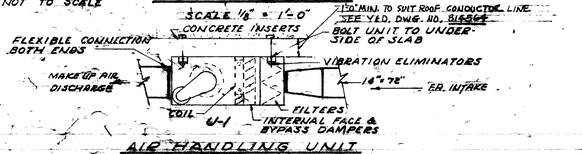
ADJUSTABLE HANGER
WITH ROLLER
TYPE 6
NOT TO SCALE



ADJUSTABLE
WROUGHT CLEVIS
HANGER
TYPE 16
NOT TO SCALE

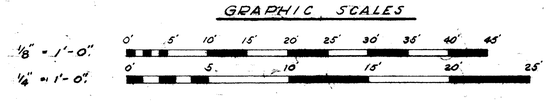


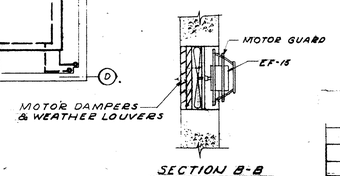
PIPE ANCHOR
TYPE 11
NOT TO SCALE



AIR HANDLING UNIT
SUSPENSION DETAIL
NOT TO SCALE

NOTE
ALL RADIATION PUNOUT TO FIRST FLOOR SHALL BE ¾"





SECTION B-B
NOT TO SCALE

SYMBOL	DESCRIPTION	DATE	APPROVAL
	REVISED TO "AS BUILT" CONDITIONS		
Ⓑ	SECT. "C-C" DELETE 2-1" AIR VENT LINES	5/21/58	QUIRK
Ⓐ	125°-250°F. REMOVED FROM 2" COND PUMP DISCH. NOTE	5/21/58	QUIRK

REVISIONS

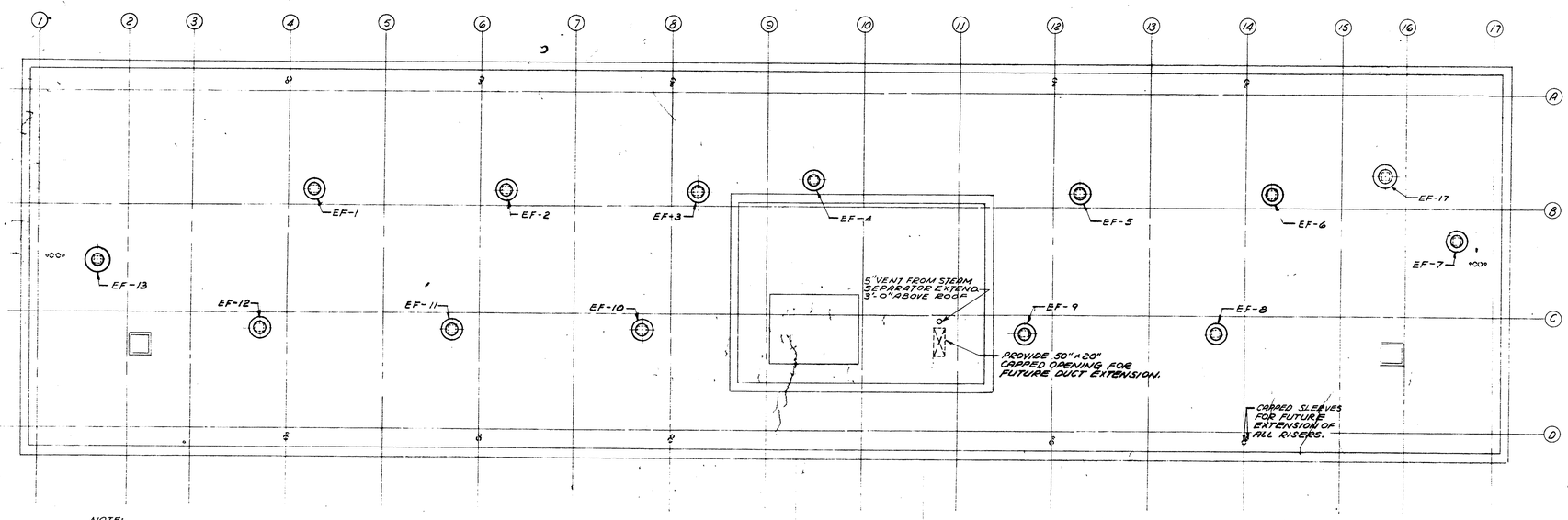
DPWO DRAWING NO. NBN-80 M-1	DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS DISTRICT PUBLIC WORKS OFFICE IST ND BOSTON MASS.
A & E	CULL, ROBINSON AND GREEN PROVIDENCE, RHODE ISLAND
DRAWN BY	U.S. NAVAL BASE, NEWPORT, R.I.
CHECKED BY H.M.	BACHELOR OFFICERS' QUARTERS
APP'D BY K.D.R.	BASEMENT & FIRST FLOOR PLAN
DPWO IST ND	HEATING & VENTILATING
SAN ENGR.	
SAF'Y ENGR.	
FIRE PROT. GLEASON	APPROVED ____ DATE ____
PROJ. ENGR. DREESEN	OFFICER IN CHARGE
DIRECTOR SEDDON	
APPROVED FOR BUREAU OF YARDS & DOCKS	SCALE: AS NOTED SPEC. 12819/57
DPWO FOR CHIEF OF BUREAU	SHEET 25 OF 38 NBy 12819
DATE 5/4/57	Y & D DRAWING NO. 814560

SUBMITTED: ____ DATE ____

SATISFACTORY TO: ____ DATE ____

GENERAL NOTES

1. REFER TO Y&D DWG. NO. 814560, FOR BASEMENT, FIRST FLOOR PLANS, EXHAUST & SUPPLY AIR RISER DIAGRAM.
2. REFER TO Y&D DWG. NO. 814562 FOR DETAILS, SCHEDULES, & LEGEND
3. REFER TO Y&D DWG. NO. 814563 FOR HEATING RISER, TEMPERATURE CONTROL DIAGRAMS & STEAM TRENCH & PIT PLANS & DETAILS.
4. ALL PIPING IS SHOWN DIAGRAMMATICALLY.
5. PROVIDE 3" CAPPED SLEEVES THRU ROOF FOR ALL SUPPLY & RETURN RISERS, AS INDICATED ON ROOF PLAN THIS SHEET. (A)
6. ALL ANGLES FOR INSTALLING RADIATOR COVERS SHALL BE FURNISHED UNDER SECTION 13.
7. ALL RADIATION COVERS, SHALL EXTEND WALL TO WALL, EXCEPT WHERE END COVERS ARE INDICATED.



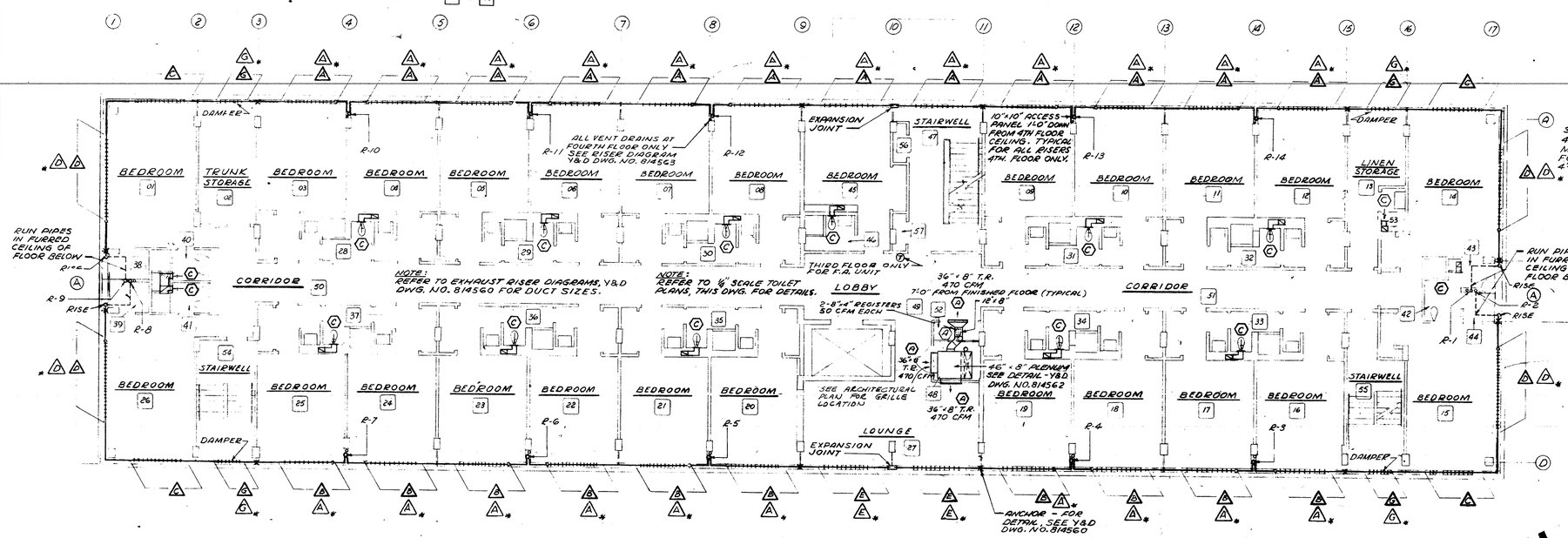
ROOF PLAN

SCALE 1/8" = 1'-0"

RADIATION SCHEDULE

SYMBOL	LINEAR FEET	BTU EMISSION PER LIN. FT	MBH	FINS PER LIN. FT	SIZE OF ELEMENT	WATER TEMPER. °F	REMARKS
A	9.0	1000	9.0	50	3 1/2 x 3 1/2	210 - 190	1ST, 2ND, & 3RD FLOORS
A *	11.0	DO	11.0	DO	DO	DO	4TH FLOOR ONLY
B	8.0	DO	8.0	DO	DO	DO	2ND & 3RD FLOORS
C	10.0	DO	10.0	DO	DO	DO	ALL FLOORS
D	12.0	DO	12.0	DO	DO	DO	1ST, 2ND, & 3RD FLOORS
D *	18.0	DO	18.0	DO	DO	DO	4TH FLOOR ONLY
E	9.0	DO	9.0	DO	DO	DO	1ST, 2ND & 3RD FLOORS
E *	10.5	DO	10.5	DO	DO	DO	4TH FLOOR ONLY
F	10.0	1200	12.0	36	4 1/2 x 4 1/2	DO	2" I.P.S. IN RETURN MAIN WITHOUT COVER IN CRAWL SPACE ONLY
G	5.0	1000	5.0	50	3 1/4 x 3 1/4	DO	1ST, 2ND, & 3RD FLOORS
G *	6.5	DO	6.5	DO	DO	DO	4TH FLOOR ONLY

NOTE:
SECOND FLOOR ROOM NUMBERS RUN FROM 201 TO 257
THIRD FLOOR ROOM NUMBERS RUN FROM 301 TO 357
FOURTH FLOOR ROOM NUMBERS RUN FROM 401 TO 457

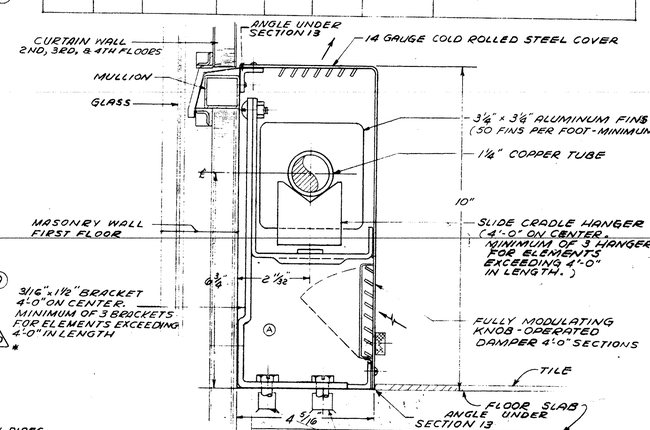


NOTE: REFER TO EXHAUST RISER DIAGRAMS, Y&D DWG. NO. 814560 FOR DUCT SIZES.

NOTE: REFER TO 1/4" SCALE TOILET PLANS, THIS DWG. FOR DETAILS.

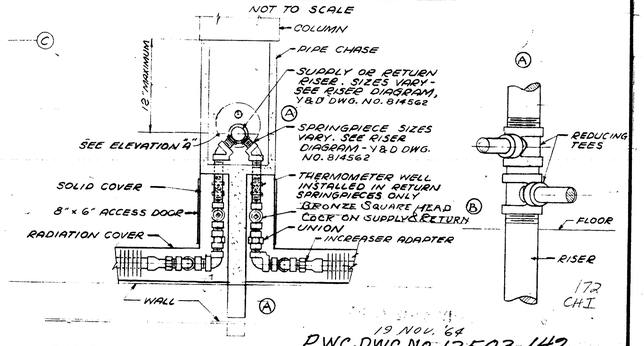
2ND, 3RD & 4TH FLOOR PLAN

SCALE 1/8" = 1'-0"



TYPICAL RADIATION DETAIL

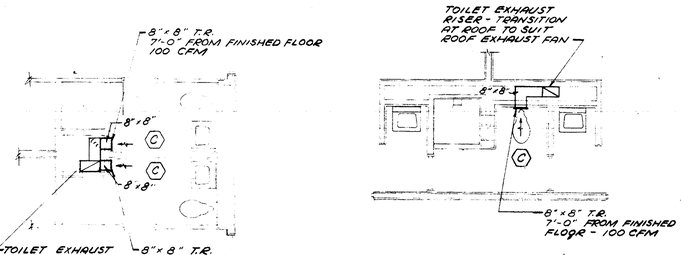
NOT TO SCALE



TYPICAL RADIATION DETAIL AT RISER

NOT TO SCALE

19 NOV. 64
P.W.C. DWG. NO. 13503-142
ELEVATION "A"

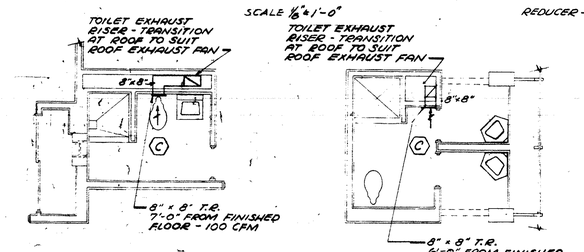


TYPICAL TOILET EXHAUST ROOMS 140, 240, 340, 440

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

TYPICAL TOILET ROOM EXHAUST

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

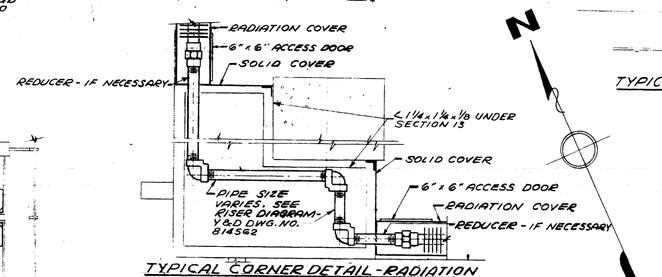


TYPICAL TOILET EXHAUST ROOMS 246, 346, 446

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

TYPICAL TOILET EXHAUST ROOMS 142, 242, 342, 442

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



TYPICAL CORNER DETAIL - RADIATION

2ND, 3RD & 4TH FLOORS

NOT TO SCALE

GRAPHIC SCALES

1/8" = 1'-0": 0' 5' 10' 15' 20' 25' 30' 35' 40' 45'

1/4" = 1'-0": 0' 5' 10' 15' 20' 25'

172
CHI

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-64	FIFE
B	NOTE BRONZE SQ. HD. COCK ON SUP. & RET. ADDED	7/1/68	
A	AIR VENT DRAIN LINES & NOTES DELETED	5/21/68	QUIRK

REVISIONS

DPWO DRAWING NO. NBN-80 M-2

A & E

DRAWN BY
CHECKED BY H.M.
APP'D BY
DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. CLEASON
PROJ. ENGR. DREESEN
DIRECTOR SEDDON

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

BACHELOR OFFICERS' QUARTERS

SECOND, THIRD & FOURTH FLOORS
HEATING & VENTILATING

APPROVED
DATE
OFFICER IN CHARGE

APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/58

SCALE AS NOTED | SPEC 12819/57
SHEET 26 OF 38 | NBy 12819
Y & D DRAWING NO. 814561

SUBMITTED:
DATE May 5, 1958

SATISFACTORY TO
DATE

EXHAUST FAN SCHEDULE

SYMBOL	LOCATION	CFM	S.P.	RPM	HP	DRIVE	WALL OR ROOF OPNG	REMARKS
EF-1	ROOF	600	1/4"	800	1/12	DIRECT	17" × 17"	CENTRIFUGAL WITH BACK DRAFT DAMPERS
EF-2								
EF-3								
EF-4								
EF-5								
EF-6								
EF-7								
EF-8								
EF-9								
EF-10								
EF-11								
EF-12								
EF-13	ROOF	1200	1/4"	800	1/4	DIRECT	24" × 24"	CENTRIFUGAL
EF-14	BASEMENT WALL	2800	.10"	860	1/4	DIRECT	24" × 24"	PROPELLER WITH AUTOMATIC SHUTTERS
EF-15	BASEMENT WALL	2800	.10"	860	1/4	DIRECT	AS REQUIRED	PROPELLER do
EF-16	LOBBY TOILET WALL	250	.10"	1000	25W	DIRECT	do	LIGHT SWITCH OPERATED
EF-17	ROOF	600	1/4"	800	1/12	DIRECT	17 × 17	CENTRIFUGAL WITH BACK DRAFT DAMPERS

REGISTER & GRILLE SCHEDULE

SYMBOL	SYSTEM	MATERIAL	REMARKS
(A)	SUPPLY AIR	ANODIZED ALUMINUM	DOUBLE DEFLECTION - WALL REGISTERS
(B)	RETURN AIR	do	KEY OPERATED WALL REGISTERS WITH HORIZONTAL BARS AT 40° [illegible]
(C)	EXHAUST AIR	do	[illegible] LATTICE DESIGN WITH FIRE DAMPER AND FUSIBLE CLIP
(D)	VENTILATION	do	WALL REGISTERS LOBBY SIDE WITH FUSIBLE CLIP FD. GRILLE ONLY STORAGE SIDE

HEATING & VENTILATING EQUIPMENT SCHEDULE

SYMBOL	CFM	FAN RPM SPEED	S.R.	HP	GPM	EDR	S.P. INS. H2O	FINAL TEMP °F	REMARKS
U-1	8500	568	1/2	2		3400		90	FRESH AIR MAKE UP UNIT
U-2	680	700	1/8	1/6	4.0		.30	106	CABINET UNIT HEATER - UNDER LOBBY
U-3	680	700	1/8	1/6	4.0		.30	106	do do

PUMP SCHEDULE

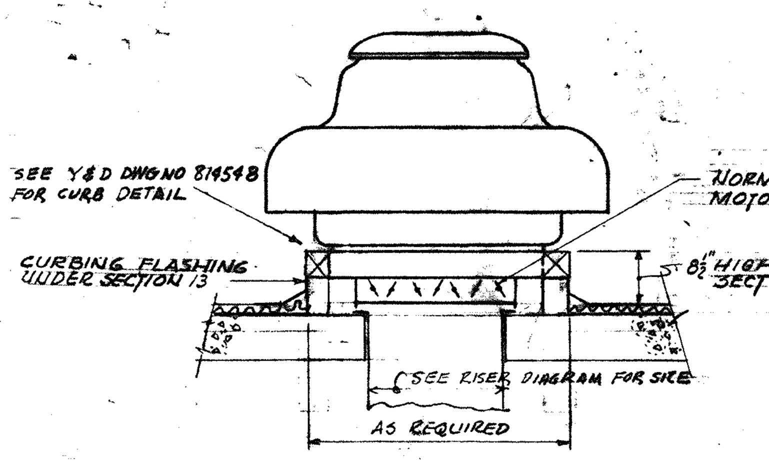
SYMBOL	LOCATION	GPM	H.D. FT. OF H2O	RPM	HP	DISCH. PRESS. PSI	TANK CAP. GALS	REMARKS
P-1	BASEMENT	125	36	1750	2	—	—	HEATING SYSTEM PUMP - FOR ZONE #1
P-2						—	—	-"- - FOR ZONE #2
P-3						—	—	-"- - STAND BY
P-4	BASEMENT	30		3500	2-1.0	30	18	CONDENSATE PUMP (DUPLEX)

TANK SCHEDULE

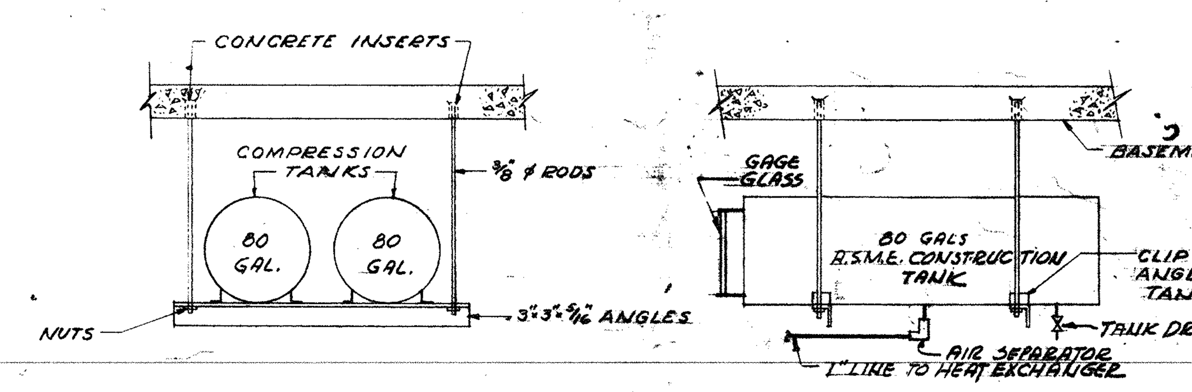
SYMBOL	SIZE LENGTH	SIZE DIA.	CAPACITY IN GALS.	WORKING PRESS. PSI	REMARKS
T-1	174"	72"	3000	125	HOT WATER STORAGE TANK
T-2	66"	30"	200	150	FLASH TANK
T-3	80"	20"	80	125	COMPRESSION TANK
T-4	80"	20"	80	125	COMPRESSION TANK

CONVERTER SCHEDULE

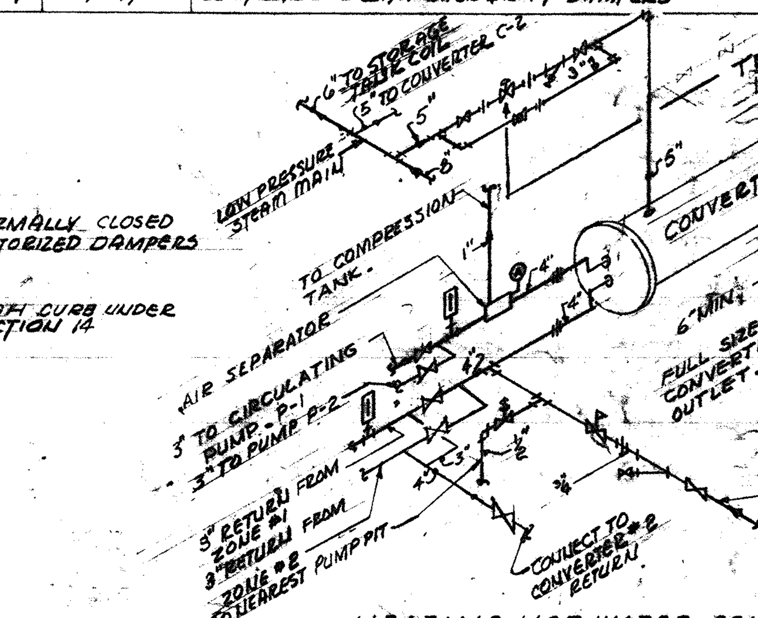
SYMBOL	GPM	P.D.	PASS	STEAM PSI	AVERAGE WATER TEMP	REMARKS
C-1	132	1.36	2	5	200°	
C-2	132	1.35	2	5	200°	



TOILET EXHAUST FAN
NOT TO SCALE

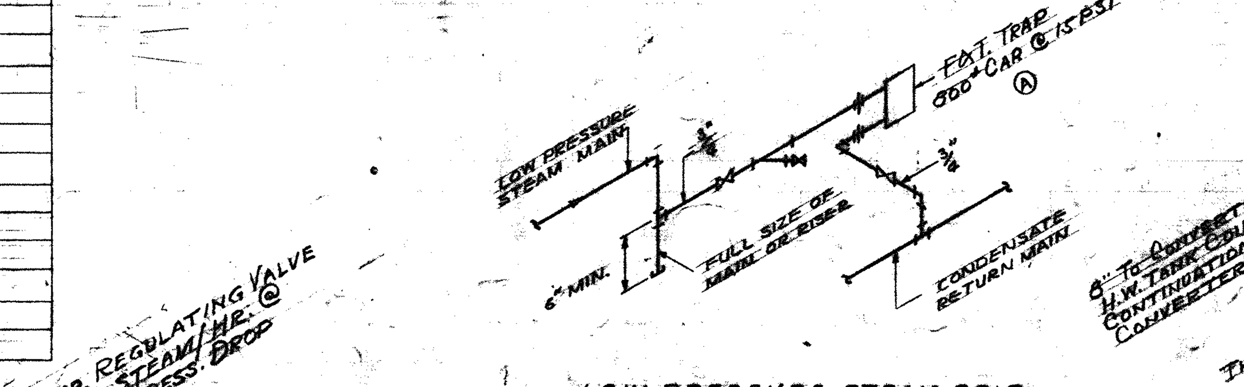


COMPRESSION TANK SUPPORT DETAIL
NOT TO SCALE

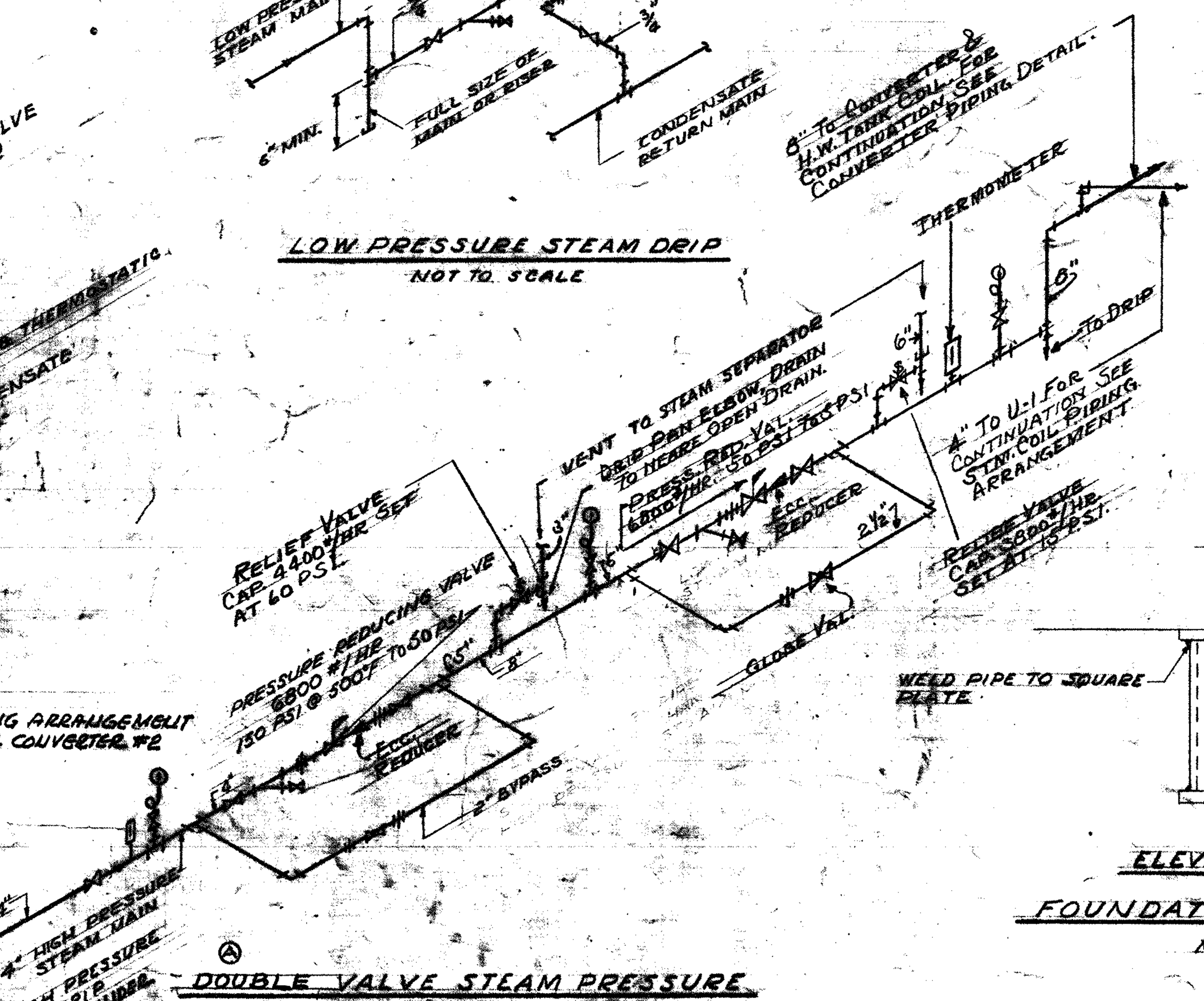


HEATING HOT WATER CONVERTER
PIPING DETAIL - TYPICAL FOR TWO
NOT TO SCALE

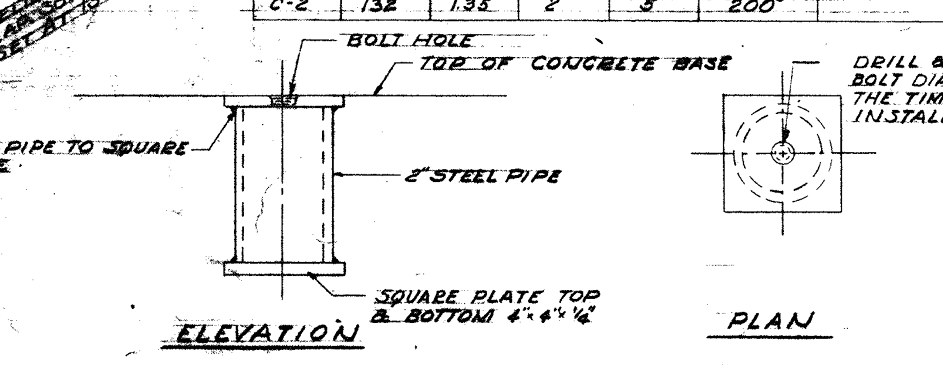
NOTE: SUPPLY PIPING ARRANGEMENT TYPICAL FOR CONVERTER #2



LOW PRESSURE STEAM DRIP
NOT TO SCALE



DOUBLE VALVE STEAM PRESSURE
REDUCING STATION
NOT TO SCALE

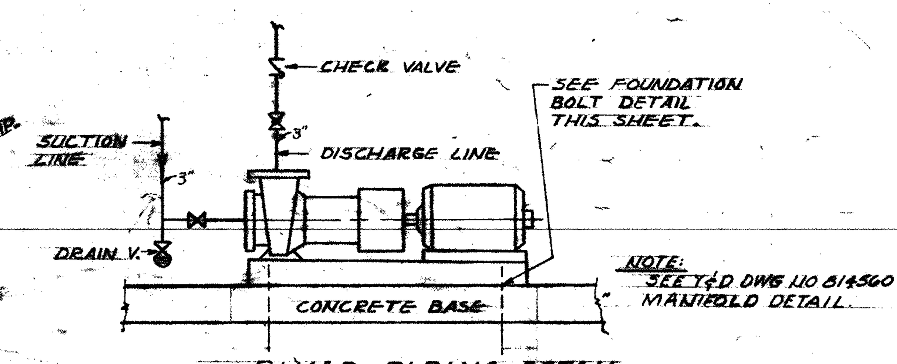


ELEVATION

PLAN

FOUNDATION BOLT DETAIL
NOT TO SCALE

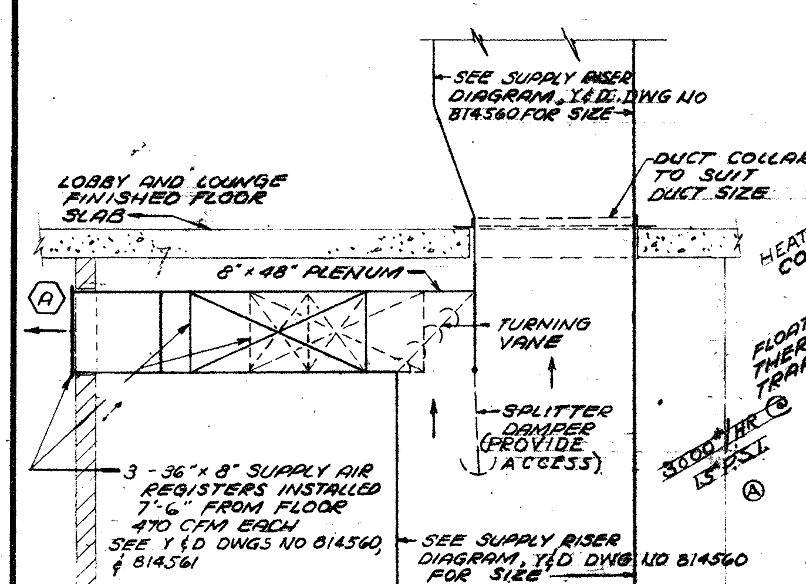
GENERAL NOTES
1. REFER TO Y&D DWG NO 814560 FOR BASEMENT, FIRST FLOOR PLANS, EXHAUST & SUPPLY AIR RISER DIAGRAM.
2. REFER TO Y&D DWG NO. 814561 FOR 2,3, & 4TH FLOOR & ROOF PLANS.
3. REFER TO Y&D DWG NO 814561 FOR TYPICAL TOILET VENTILATION DUCTWORK ARRANGEMENT & TYPICAL RADIATION DETAILS & SCHEDULES.
4. REFER TO Y&D DWG NO 814563 FOR HEATING RISER, TEMPERATURE CONTROL DIAGRAMS & STEAM TRENCH & PIT PLANS & DETAILS
5. ALL PIPING IS SHOWN DIAGRAMMATICALLY
6. DIMENSIONS OF GRILLES ABOVE FLOOR IS TAKEN TO THE CENTER LINE



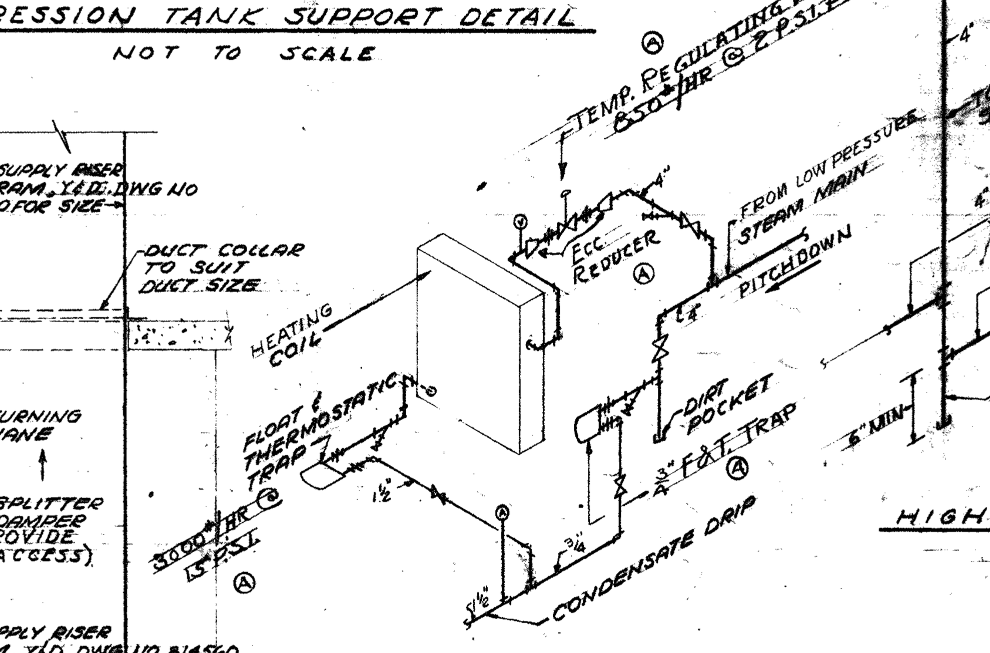
PUMP PIPING DETAIL
NOT TO SCALE

LEGEND

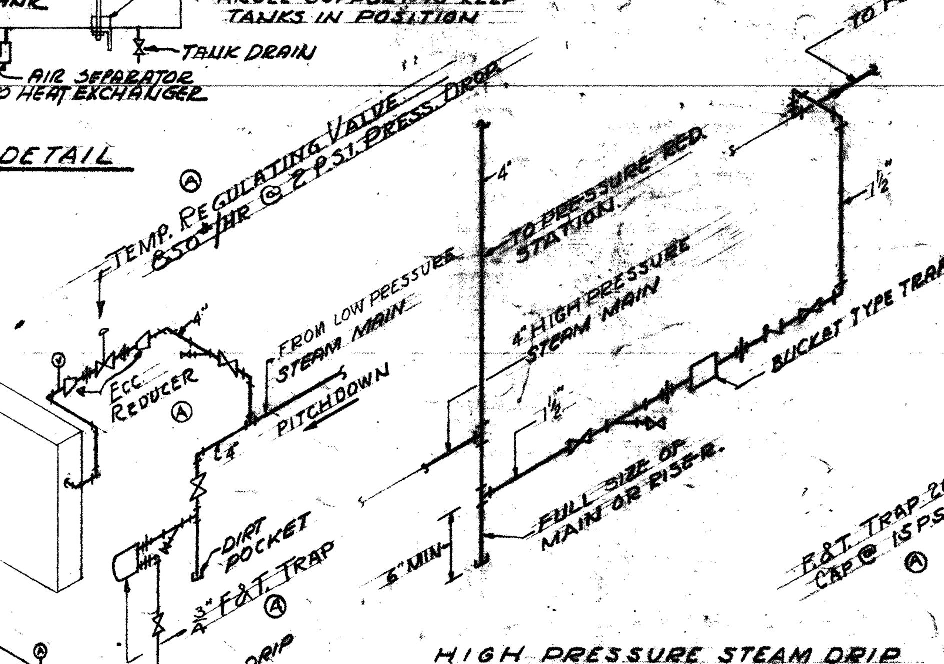
SYMBOL	DESCRIPTION
—○—	CONDENSATE DISCHARGE
—C—	CONDENSATE RETURN
—SS—	STEAM SUPPLY
—HWS—	HOT WATER SUPPLY
—HWR—	HOT WATER RETURN
—D—	DRAIN
	GATE VALVE
	BALANCING VALVE
	AUTOMATIC CONTROL VALVE
	SAFETY OR RELIEF VALVE
	GLOBE VALVE
	CHECK VALVE
	DRAIN VALVE & HOSE CONNECTION
	3-WAY VALVE
	PRESSURE REDUCING VALVE
	STRAINER
	THERMOSTAT
	PIPE ANCHOR
EJ	PIPE EXPANSION JOINT - 3/4" TRAVERSE
	THERMOMETER
	PRESSURE GAGE
	UNION
	BALANCING COCK
—A—	CONTROL AIR PIPING
	TYPE OF REGISTER
	REDUCER
	TYPE OF RADIATOR
T.R.	TOP REGISTER
R2	RISER NUMBER
F.A.	FRESH AIR
P.D.	PRESSURE DROP
	AIR VENT
	VACUUM BREAKER
F.D.	FIRE DAMPER
RED	REDUCER
++++++++	RADIATION



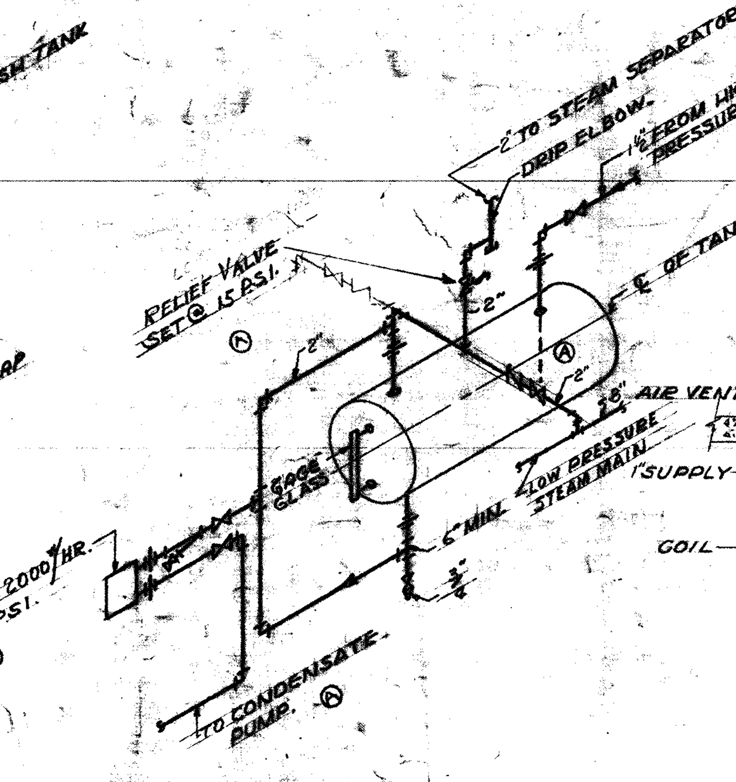
-ELEVATION-
TYPICAL LOBBY AND LOUNGE HEATING
DUCTWORK DETAIL
NOT TO SCALE



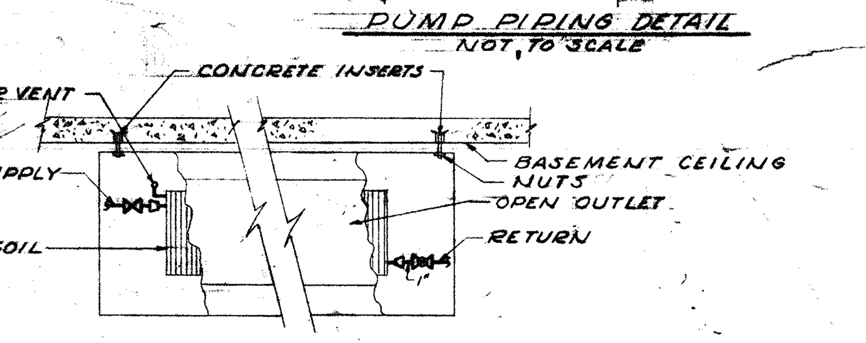
STEAM COIL PIPING ARRANGEMENT
NOT TO SCALE



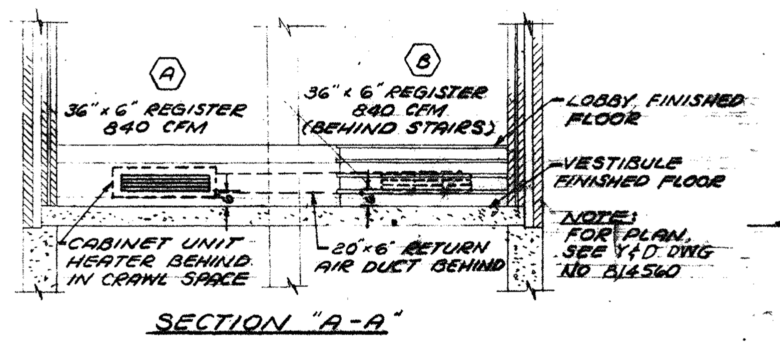
HIGH PRESSURE STEAM DRIP
NOT TO SCALE



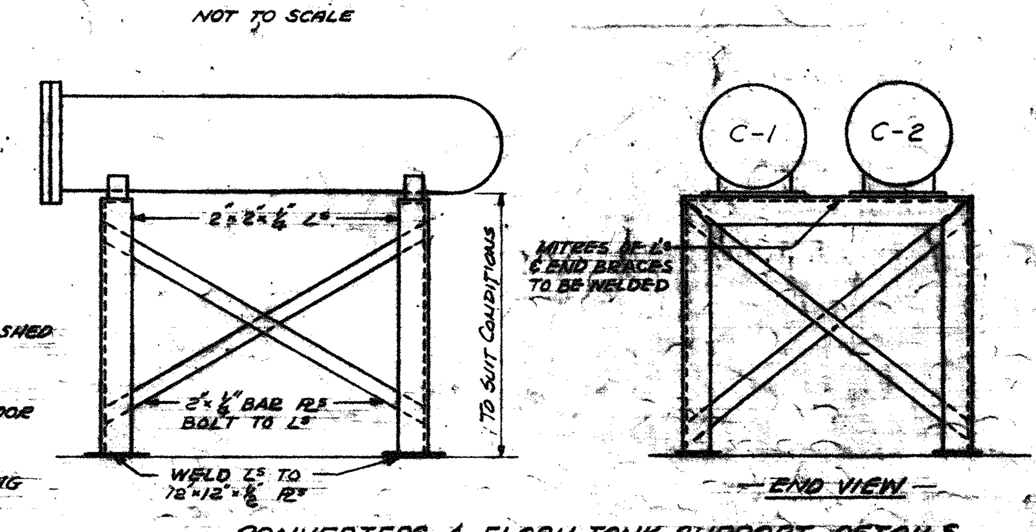
FLASH TANK PIPING
NOT TO SCALE



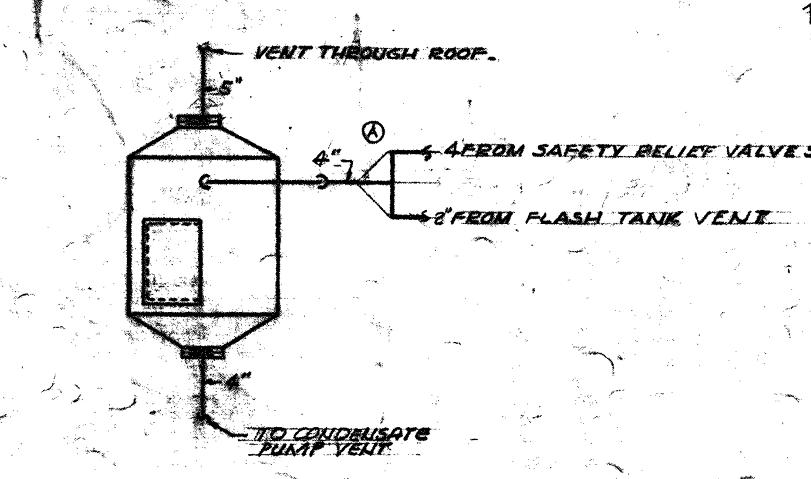
CABINET UNIT HEATER
PIPING DETAIL
NOT TO SCALE



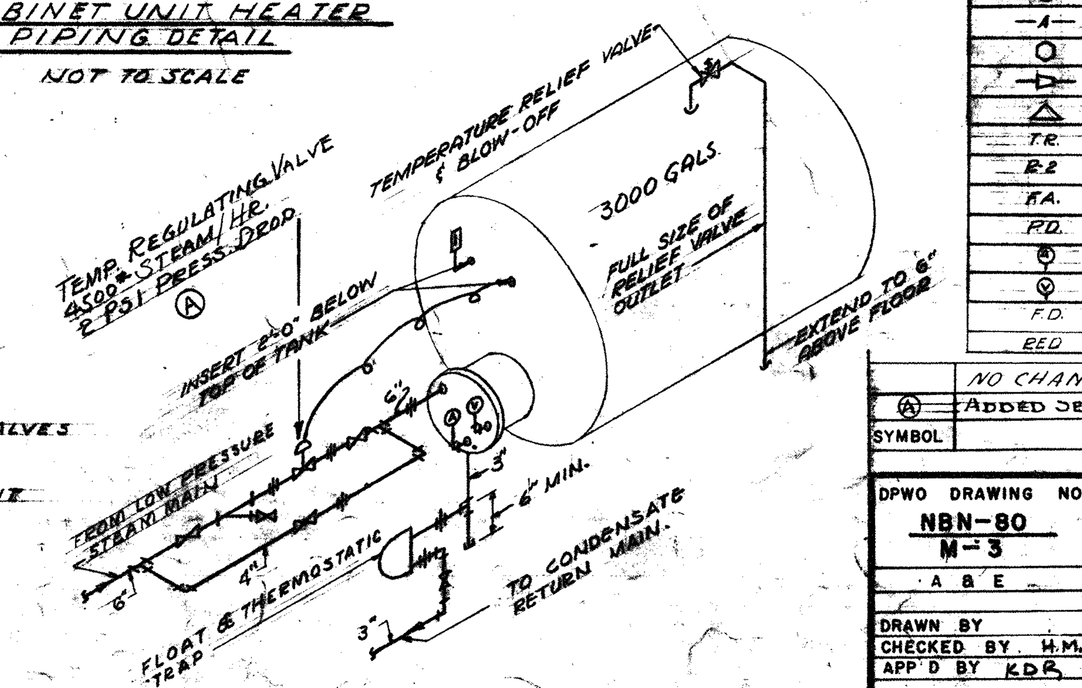
SECTION "A-A"
TYPICAL VESTIBULE REGISTER
LOCATION
NOT TO SCALE



CONVERTERS & FLASH TANK SUPPORT DETAILS
NOT TO SCALE



STEAM SEPARATOR
DETAIL
NOT TO SCALE



HOT WATER STORAGE TANK
STEAM PIPING & CONTROL DIAGRAM
NOT TO SCALE

P.W.C. DWG. NO. 13504-142

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-64	FIFE
(A)	ADDED SECOND RED. PRESS. VAL. STAT. & MISC. CHANGES	5/21/68	QUIRK

REVISIONS — RECORD DRAWING — DATE 19 NOV 1964

DPWO DRAWING NO. NBN-80 M-3

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

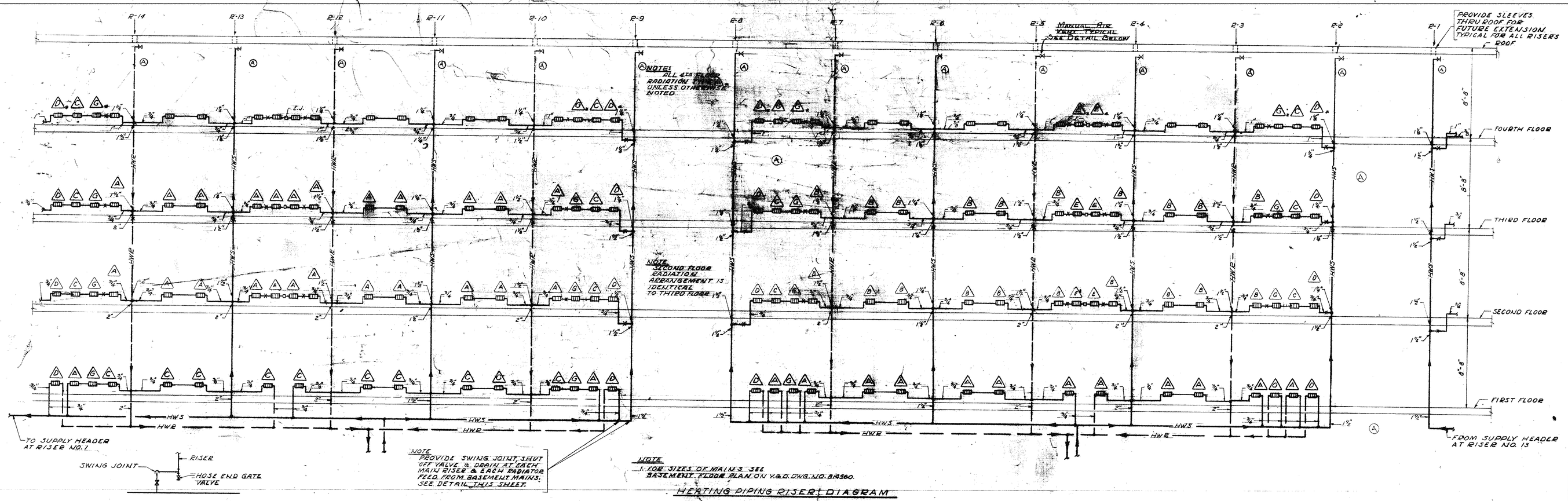
BACHELOR OFFICERS' QUARTERS
SCHEDULES & DETAILS
HEATING & VENTILATING

DRAWN BY
CHECKED BY H.M.
APP'D BY KDR
DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. [illegible]
DIRECTOR SEDDON

APPROVED — DATE
OFFICER IN CHARGE
APPROVED FOR BUREAU OF YARDS & DOCKS
[illegible]
DPWO FOR CHIEF OF BUREAU
DATE [illegible]

SCALE: AS NOTED — SPEC. 12819/57
SHEET 27 OF 38 — NBy 12819
Y & D DRAWING NO. 814562

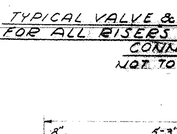
SUBMITTED: [illegible]
DATE: [illegible]
SATISFACTORY TO
DATE



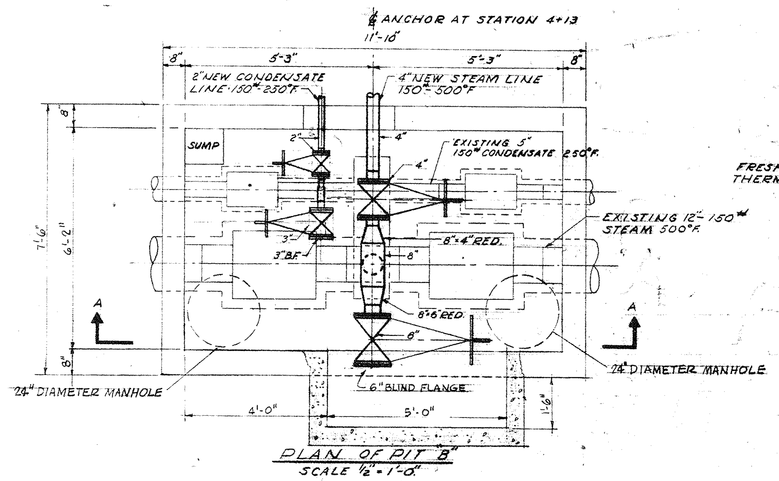
NOTE
PROVIDE SWING JOINT, SHUT OFF VALVE & DRAIN AT EACH MAIN RISER & EACH RADIATOR FEED FROM BASEMENT MAINS; SEE DETAIL THIS SHEET.

NOTE
1. FOR SIZES OF MAINS SEE BASEMENT FLOOR PLAN ON Y&D. DWG. NO. 814560.

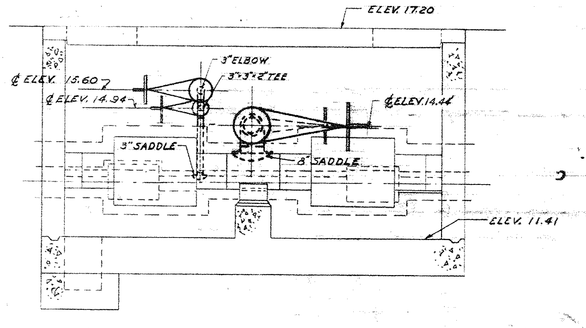
HEATING PIPING RISER DIAGRAM
VERTICAL SCALE 1/8" = 1'-0"
HORIZONTAL SCALE - NONE



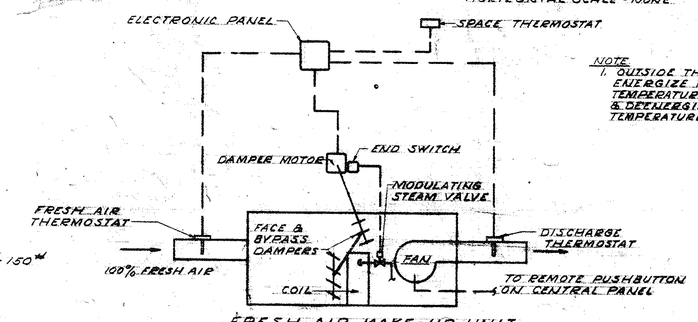
TYPICAL VALVE & PIPING CONNECTIONS FOR ALL RISERS & FIRST FLOOR RADIATOR CONNECTIONS
NOT TO SCALE



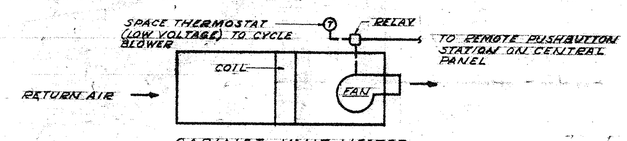
PLAN OF PIT "B"
SCALE 1/2" = 1'-0"



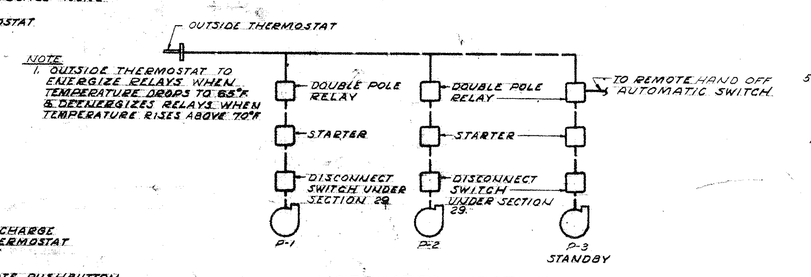
SECTION A-A
SCALE 1/8" = 1'-0"



FRESH AIR MAKE-UP UNIT TEMPERATURE CONTROL SCHEMATIC
NOT TO SCALE

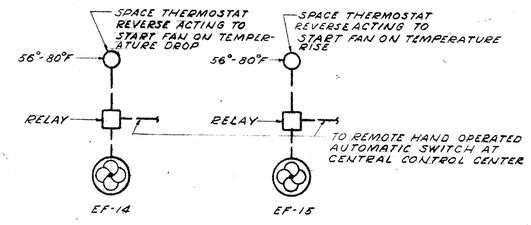


CABINET UNIT HEATER TEMPERATURE CONTROL SCHEMATIC
TYPICAL FOR TWO
NOT TO SCALE

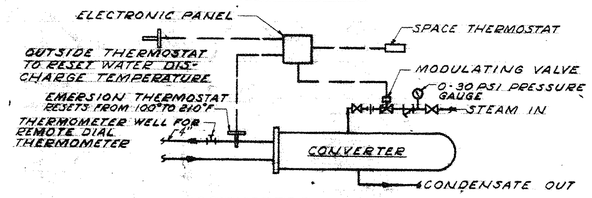


NOTE
1. OUTSIDE THERMOSTAT TO ENERGIZE RELAYS WHEN TEMPERATURE DROPS TO 65°F. & DENERGIZES RELAYS WHEN TEMPERATURE RISES ABOVE 70°F

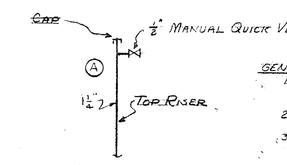
HOT WATER HEATING CIRCULATING PUMPS CONTROL SCHEMATIC
NOT TO SCALE



BASEMENT EXHAUST FAN TEMPERATURE CONTROL SCHEMATIC
NOT TO SCALE

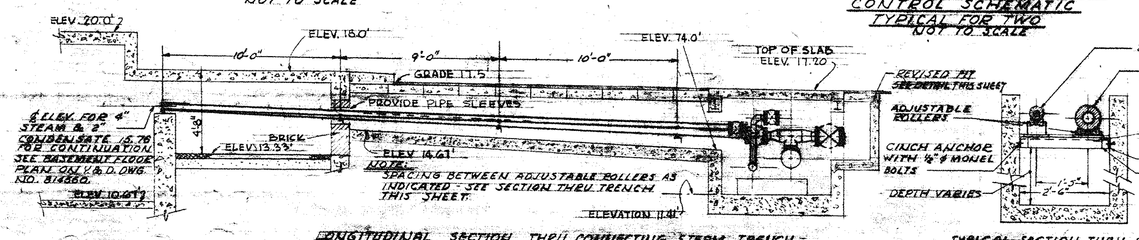


CONVERTER TEMPERATURE CONTROL SCHEMATIC
TYPICAL FOR TWO
NOT TO SCALE



VENT PIPING DETAIL
NOT TO SCALE

GENERAL NOTES
1. REFER TO Y&D. DWG. NO. 814560 FOR BASEMENT, FIRST FLOOR PLAN, EXHAUST & SUPPLY AIR RISER DIAGRAM.
2. REFER TO Y&D. DWG. NO. 814561 FOR 2, 3, & 4TH FLOOR & ROOF PLAN.
3. REFER TO Y&D. DWG. NO. 814561 FOR TYPICAL TOILET VENTILATION DUCTWORK ARRANGEMENT & TYPICAL RADIATION DETAILS & SCHEDULES
4. REFER TO Y&D. DWG. NO. 814562 FOR DETAILS, SCHEDULES & LEGEND.
5. ALL PIPING IS SHOWN DIAGRAMMATICALLY
6. PROVIDE 3" CAPPED SLEEVES THRU ROOF FOR SUPPLY & RETURN RISERS (A) AS INDICATED ON ROOF PLAN Y&D. DWG. NO. 814561.



CONSTITUDINAL SECTION THRU CONNECTING STEAM TRENCH
SCALE 1/4" = 1'-0"

TYPICAL SECTION THRU STEAM TRENCH
SCALE 1/2" = 1'-0"

GRAPHIC SCALES

P.W.C. DWG. NO. 13505-142

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE DATE 13 NOV '64	11-19-64	FIFE
(A)	ALL AUTO. AIR VENTS & 3/8 DRAIN PIPING	21 MAY 1958	QUIRK
	DELETED & RISERS CAPPED		

REVISIONS

DPWO DRAWING NO. NBN-80 M-4

A & E

DRAWN BY
CHECKED BY H.M.
APP'D BY R.D.E.

DPWO 1ST NO
SAN ENGR
SAFTY ENGR
PROJ ENGR GLEASON
PROJ ENGR DRECSEN
DIRECTOR SEDDON

APPROVED FOR BUREAU OF YARDS & DOCKS
DWG FOR CHIEF OF BUREAU
DATE 5/16/58

SUBMITTED
DATE

SATISFACTORY TO
DATE

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

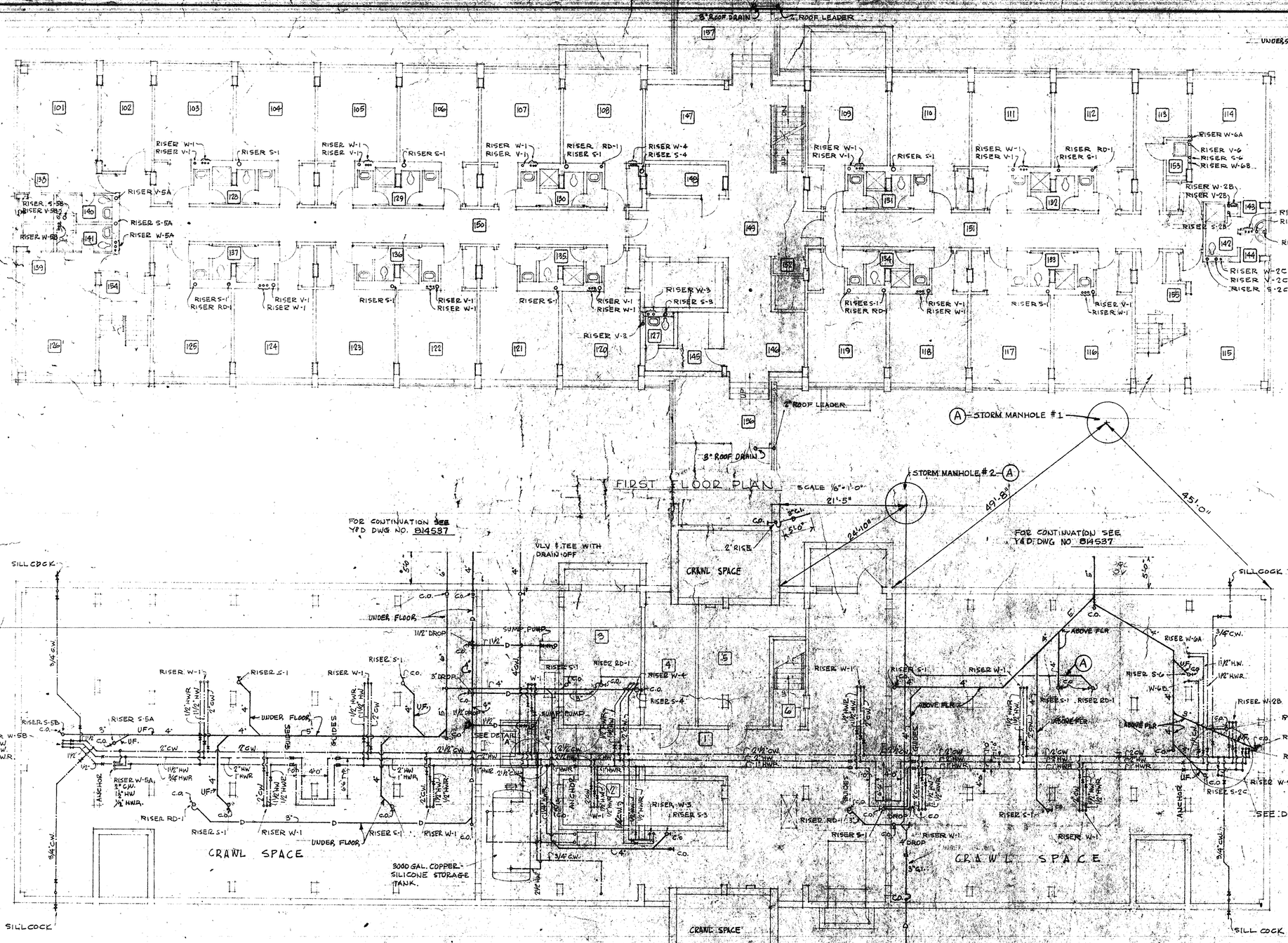
BACHELOR OFFICERS' QUARTERS

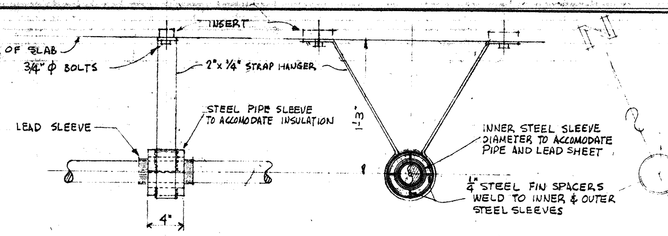
RISER DIAGRAMS

HEATING & VENTILATING

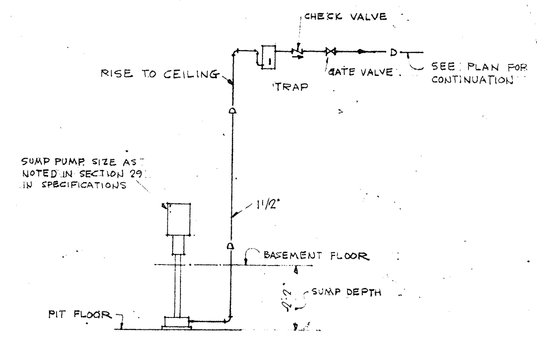
APPROVED DATE
OFFICER IN CHARGE

SCALE AS NOTED | SPEC 12819/57
SHEET 28 OF 38 | NBI 12819
Y & D. DRAWING NO 814563

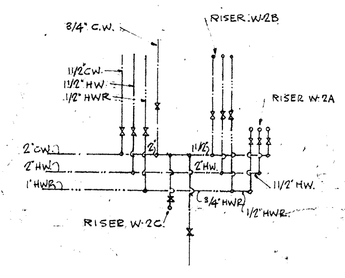




TYPICAL GUIDE DETAIL
NOT TO SCALE



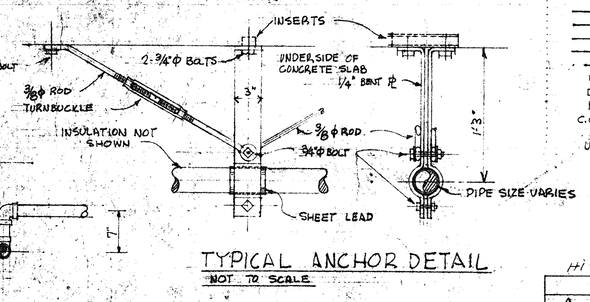
TYPICAL SUMP PUMP PIPING DETAIL
NOT TO SCALE



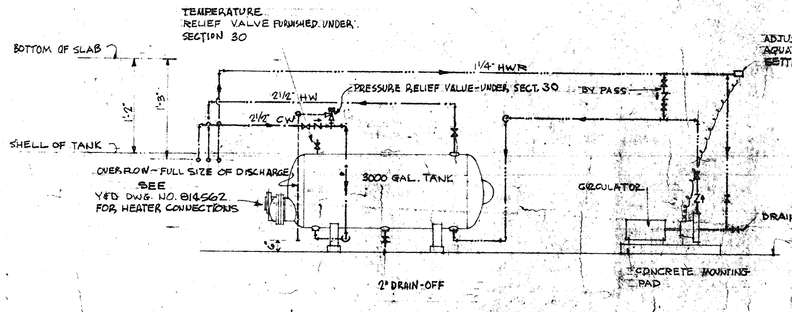
SCHEMATIC PIPING DETAIL 'B'
NOT TO SCALE

SYMBOLS & ABBREVIATIONS

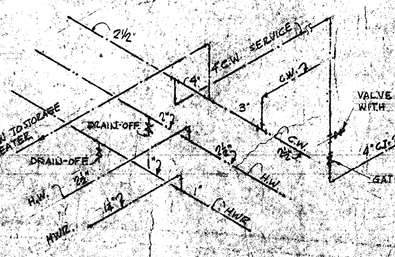
—D—		SANITARY SEWER
		STORM DRAIN
	(C.W.)	COLD WATER
	(H.W.)	HOT WATER
	(H.W.R.)	HOT WATER RETURN
		GATE VALVE
VLV.		VALVE
DWG.		DRAWING
NO.		NUMBER
C.O.		CLEAN OUT
		CHECK VALVE
U.F.		UNDER FLOOR



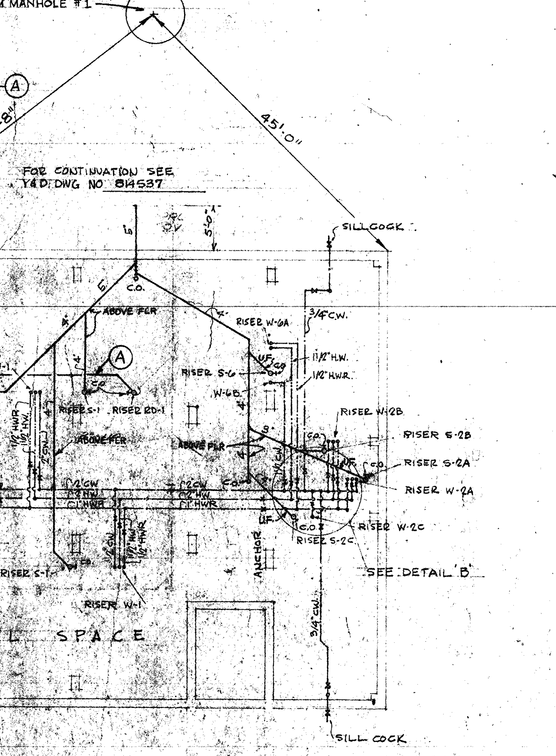
TYPICAL ANCHOR DETAIL
NOT TO SCALE



DIAGRAMMATIC PIPING DETAIL AT HOT WATER STORAGE HEATER
NOT TO SCALE



SCHEMATIC PIPING DETAIL 'A'
NOT TO SCALE



TYPICAL DETAIL OF RISE OFF MAIN
NOT TO SCALE

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

RECORD DRAWING
DATE 19 NOV '64

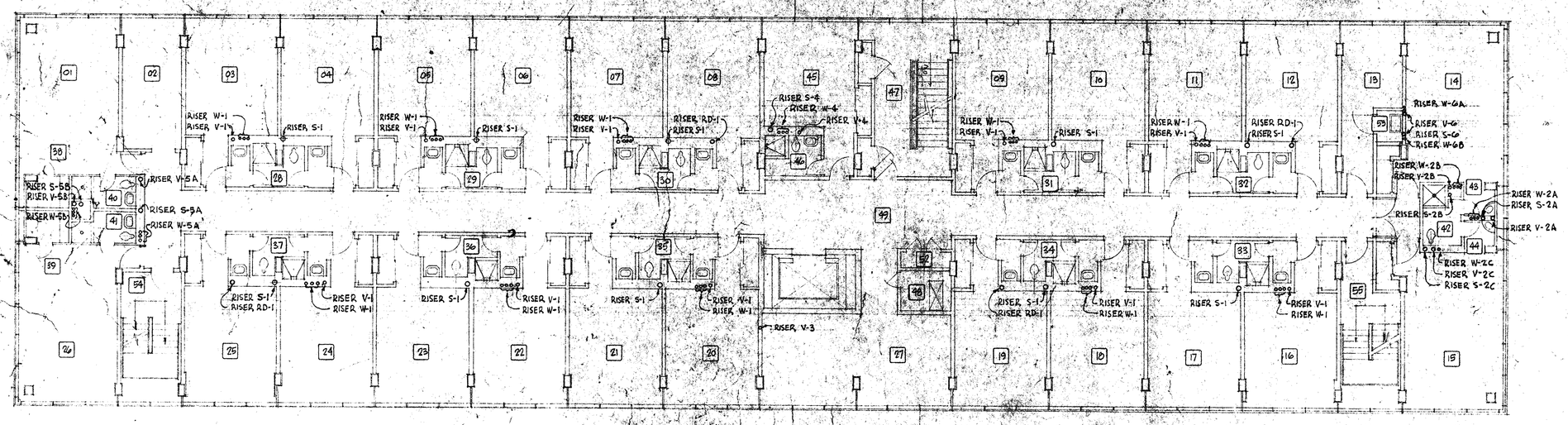
SYMBOL	DESCRIPTION	DATE	APPROVAL
	P.W.C. DWG. NO. 13303-142		
A	MADE NECESSARY CHANGES PER AS BUILT-DESIGN.		LHL

REVISIONS

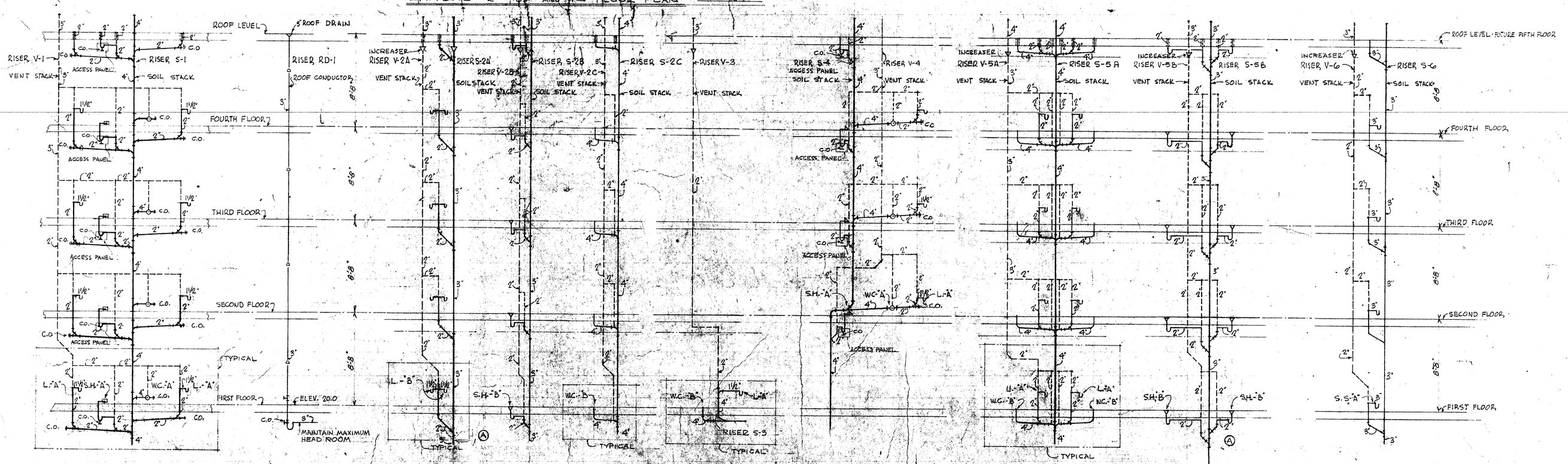
DPWO DRAWING NO. NBN-80 P-1	DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS. CULL, ROBINSON AND GREEN PROVIDENCE, RHODE ISLAND
A & E	US NAVAL BASE, NEWPORT, R.I.
DRAWN BY G.J.J.	BACHELOR OFFICERS' QUARTERS
CHECKED BY HB	
APR'D BY KDR	
DPWO 1ST ND	BASEMENT AND FIRST FLOOR PLAN
SAN ENGR.	PLUMBING
SAF'Y ENGR	
FIRE PROT. C.L. EASON	APPROVED DATE
PROJ ENGR.	OFFICER IN CHARGE
DIRECTOR	
APPROVED FOR BUREAU OF YARDS & DOCKS	SCALE: AS NOTED / SPEC. 12819/57
DPWO FOR CHIEF OF BUREAU	SHEET 29 OF 38 / NBy 12819
DATE 5/6/65	Y & D DRAWING NO. 814564

SUBMITTED: Cullen Robinson & Greene
DATE 5/6/65
SATISFACTORY TO:
DATE

NOTE: SECOND FLOOR NUMBERS RUN FROM 201 TO 257
THIRD FLOOR NUMBERS RUN FROM 301 TO 357
FOURTH FLOOR NUMBERS RUN FROM 401 TO 457



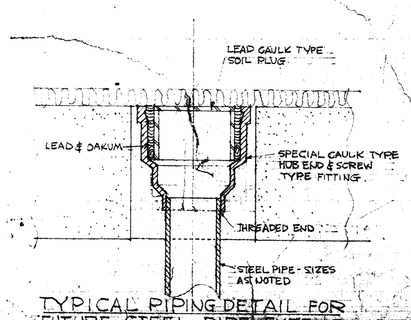
TYPICAL 2ND 3RD AND 4TH FLOOR PLAN SCALE: 1/8" = 1'-0"



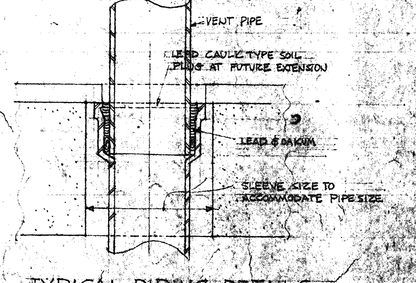
TYPICAL RISER S-1 & V-1 | TYPICAL RISER RD-1 | RISER S-2A & V-2A | RISER S-2B & V-2B | RISER S-2C & V-2C | RISER S-3 & V-3 | RISER S-4 & V-4 | RISER S-5A & V-5A | RISER S-5B & V-5B | RISER S-6 & V-6

TYPICAL DRAINAGE RISER DIAGRAMS VERTICAL SCALE: 1/8" = 1'-0"

FIXTURE TYPES INDICATED AT FIRST FLOOR LEVEL ARE TYPICAL UNLESS OTHERWISE NOTED
PIPE SIZES INDICATED AT FIRST FLOOR LEVEL ARE TYPICAL UNLESS OTHERWISE NOTED
TYPICAL ACCESS PANEL TO BE 12" X 16" LOCATED AS SHOWN



TYPICAL PIPING DETAIL FOR FUTURE STEEL PIPE EXTENSIONS
NOT TO SCALE



TYPICAL PIPING DETAILS AT ROOF VENTS FUTURE AS NOTED
NOT TO SCALE

SYMBOLS & ABBREVIATIONS

	SOIL STACK
	VENT STACK
W.C.	WATER CLOSET
L.	LAVATORY
S.H.	SHOWER
C.O.	CLEAN OUT
ELEV.	ELEVATION
	ROOF DRAIN

GRAPHIC SCALES

1/8" = 1'-0": 0, 5', 10', 15', 20', 25', 30', 35', 40', 45'
1/4" = 1'-0": 0, 5', 10', 15', 20', 25'

RECORD DRAWING
DATE 19 NOV. 64
PWC DWG NO 13507-142

172
CHI

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-69	FIFE
A	ANTI-SIPHON TRAPS & FUNNELS TO RECEIVE VENT DRAINS, DELETED.	21 MAY 1958	QUIRK

REVISIONS

DPWO DRAWING NO. NBN-80 P-2
A & E
DRAWN BY JAB
CHECKED BY CAR
APP'D BY KDR
DPWO 1ST ND
SAN ENGR.
SAFY. ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DRESCHER
DIRECTOR SARDEN

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

BACHELOR OFFICERS' QUARTERS

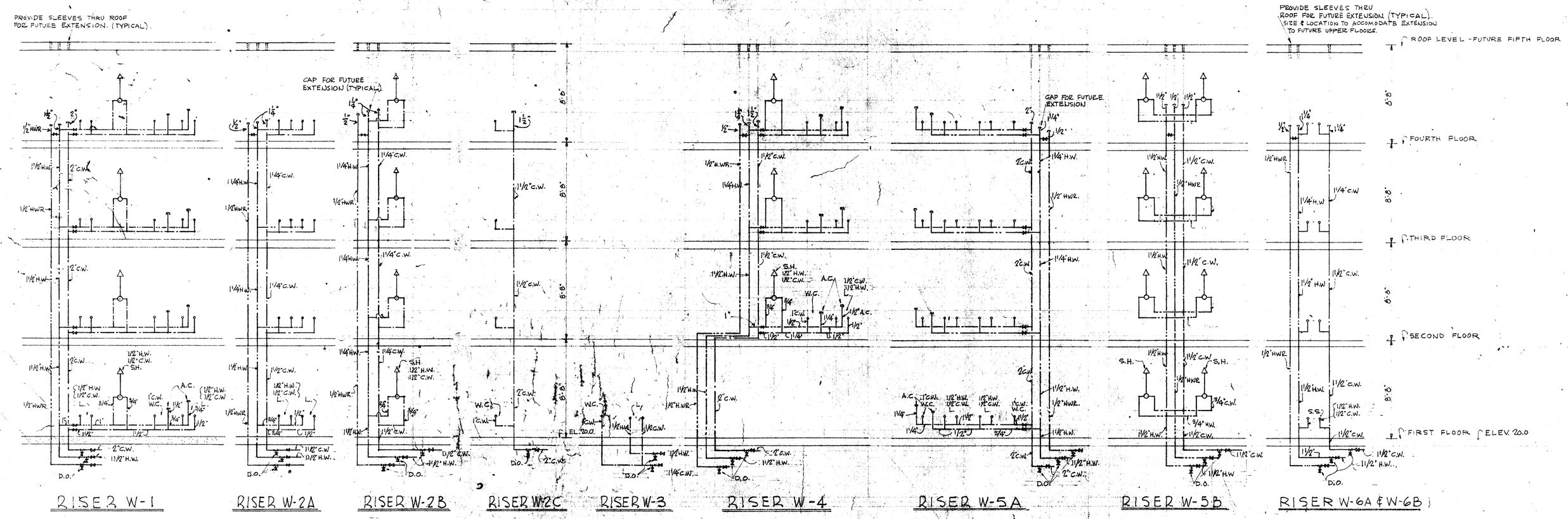
TYPICAL UPPER FLOOR PLAN AND RISER DIAGRAM PLUMBING

APPROVED OFFICER IN CHARGE DATE

APPROVED FOR BUREAU OF YARDS & DOCKS DPWO FOR CHIEF OF BUREAU DATE 5/10/58

SCALE: AS NOTED
SPEC. 12819/57
SHEET 30 OF 38
NBy 12819
Y&D DRAWING NO. 814565!

SUBMITTED Cull, Robinson & Green
DATE May 5, 1958 Cull, Robinson
SATISFACTORY TO
DATE



TYPICAL WATER RISER DIAGRAMS

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

FIXTURE TYPES INDICATED AT FIRST FLOOR LEVEL ARE TYPICAL UNLESS NOTED OTHERWISE

PIPE SIZES INDICATED AT FIRST FLOOR LEVEL ARE TYPICAL UNLESS NOTED OTHERWISE

SEE Y&D. DWG. NO 814567 FOR SIZE & LOCATIONS OF ACCESS PANELS

NOTE: ENDS OF ALL RISERS SHALL ACT AS AIR CHAMBERS UNTIL FUTURE FLOORS ARE ADDED. AIR CHAMBERS SHALL BE 2'-0" MINIMUM LENGTH, FROM LAST TAKE OFF.

SYMBOLS & ABBREVIATIONS

—·—·— (C.W.)	COLD WATER
—··— (H.W.)	HOT WATER
—··— (HWR)	HOT WATER RETURN
—⋈—	GATE VALVE
A.C.	AIR CHAMBER
L.	LAVATORY
W.C.	WATER CLOSET
SH.	SHOWER
D.O.	DRAIN-OFF
ELEV.	ELEVATION

GRAPHIC SCALES

1/4" = 1'-0" 0 5' 10' 15' 20' 25'

RECORD DRAWING
DATE 19 NOV. 64
P.W.C. DWG. NO. 13508-142

172
CHI

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-64	FIFE

REVISIONS

DPWO DRAWING NO. NBN-80 P-3

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

A & E

DRAWN BY JAB GJJ
CHECKED BY JAB
APP'D BY KDR

DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. CLEASON
PROJ. ENGR. DREESEN
DIRECTOR SEDDON

U.S. NAVAL BASE, NEWPORT, R.I.

BACHELOR OFFICERS' QUARTERS

TYPICAL WATER RISER DIAGRAMS
PLUMBING

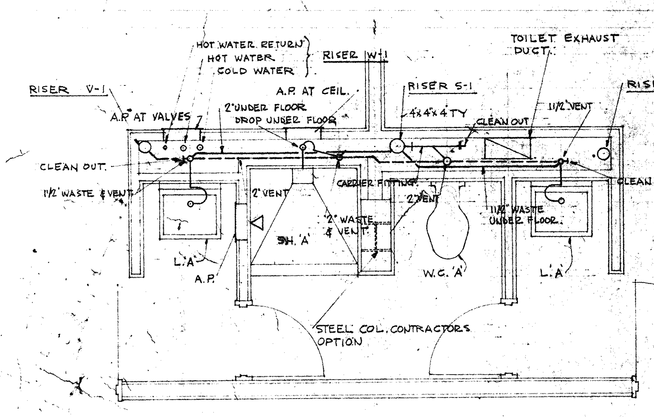
APPROVED _____ DATE _____
OFFICER IN CHARGE

SUBMITTED: Cull Robinson & Green
DATE: May 5, 1958 Truffe D. Robinson Partner

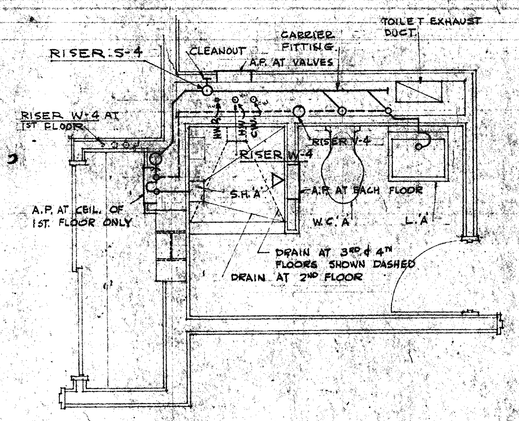
SATISFACTORY TO:
DATE

APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/58

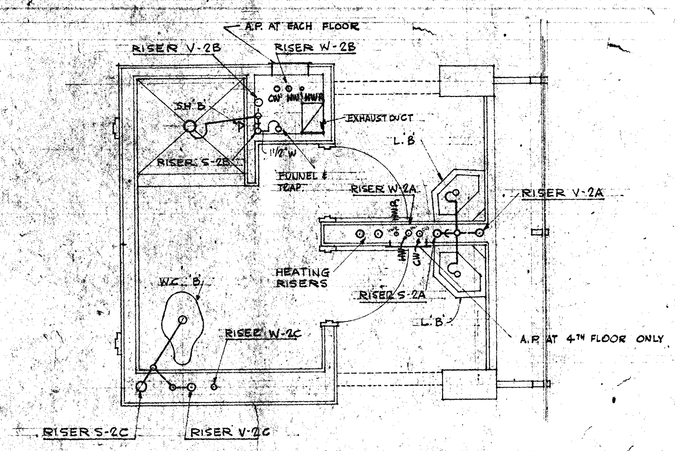
SCALE: AS NOTED
SPEC. 12819/57
SHEET 31 OF 38
NBy 12819
Y.& D. DRAWING NO. 814566



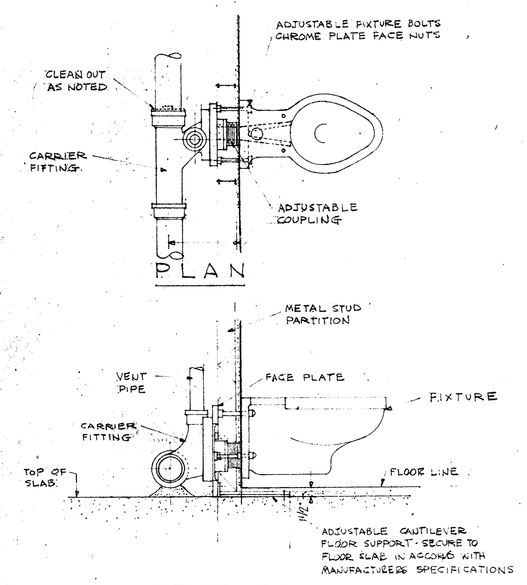
TYPICAL TOILET ROOM PIPING
SCALE: 1/2" = 1'-0"



TYPICAL PIPING-TOILET ROOMS
246, 346, 446
SCALE: 1/2" = 1'-0"

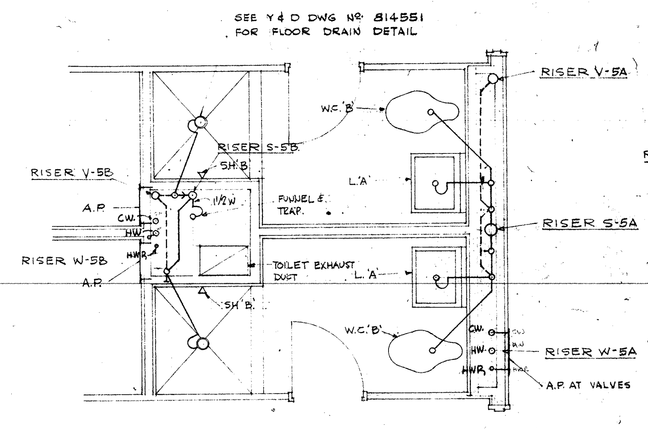


TYPICAL PIPING-TOILET ROOMS
142, 242, 342 & 442
SCALE: 1/2" = 1'-0"

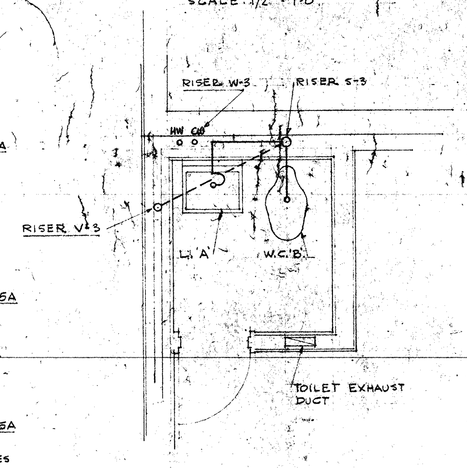


SECTION

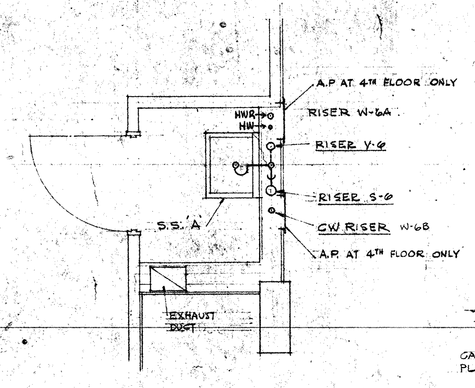
WALL CLOSET FITTING DETAILS
SCALE: 1" = 1'-0"



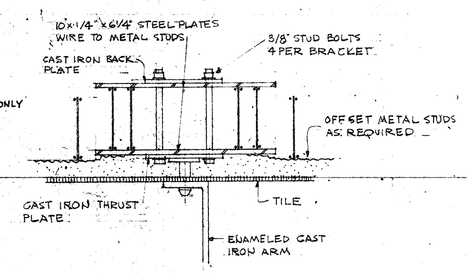
TYPICAL PIPING - TOILET ROOMS
140, 240, 340, 440
SCALE: 1/2" = 1'-0"



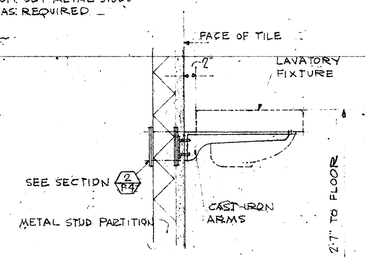
TOILET ROOM PIPING
ROOM 127
SCALE: 1/2" = 1'-0"



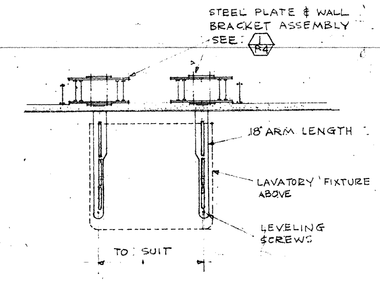
TYPICAL PIPING
JANITORS CLOSET
153, 253, 353, 453
SCALE: 1/2" = 1'-0"



PLAN (2/R4)
SCALE: 3" = 1'-0"

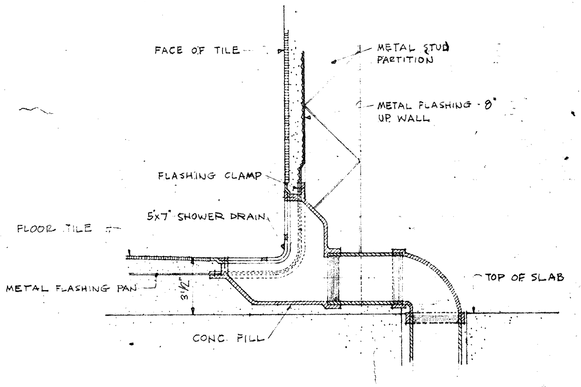


TYPICAL SECTION

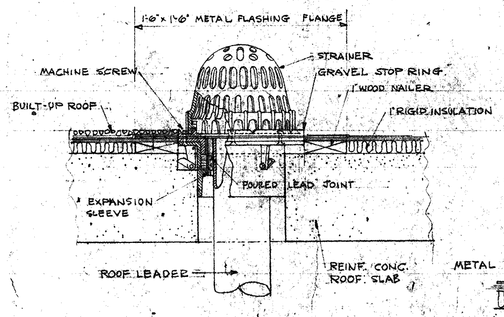


PLAN

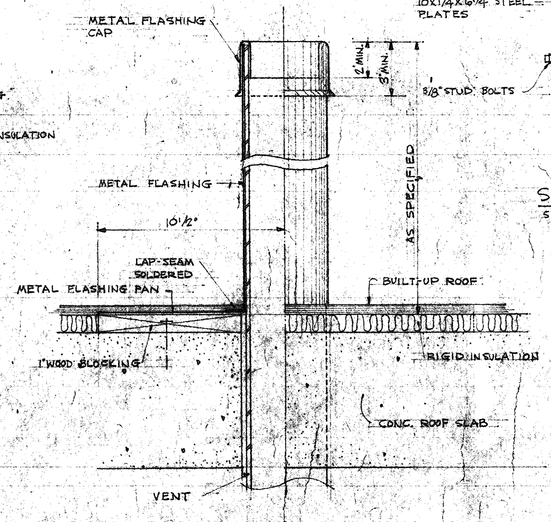
LAVATORY CARRIER DETAILS
SCALE: 1" = 1'-0"



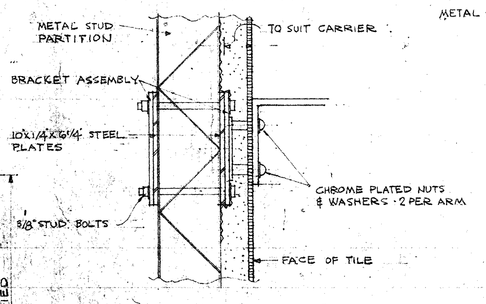
TYPICAL SHOWER DRAIN
NO SCALE



TYPICAL ROOF DRAIN
NO SCALE
SEE Y&D DWG. NO. 814565 FOR LOCATION



TYPICAL ROOF VENT DETAIL
SCALE: 3" = 1'-0"



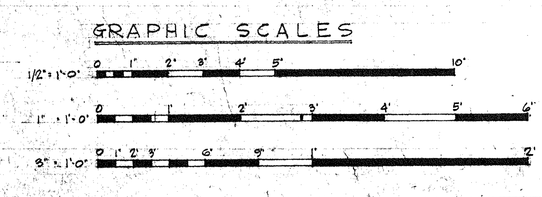
SECTION (2/R4)
SCALE: 3" = 1'-0"

SYMBOLS & ABBREVIATIONS

———	SOIL PIPING
- - - - -	VENT PIPING
C.O.	CLEAN OUT
COL.	COLUMN
S.S.	SLOP SINK
L.	LAVATORY
W.C.	WATER CLOSET
A.P.	ACCESS PANEL
CEIL.	CEILING

NOTE:- ALL ACCESS PANELS SHALL BE 12"x16" UNLESS OTHERWISE NOTED.

GRAPHIC SCALES



(R4) REFERS TO Y.&D. DWG NO. 814567

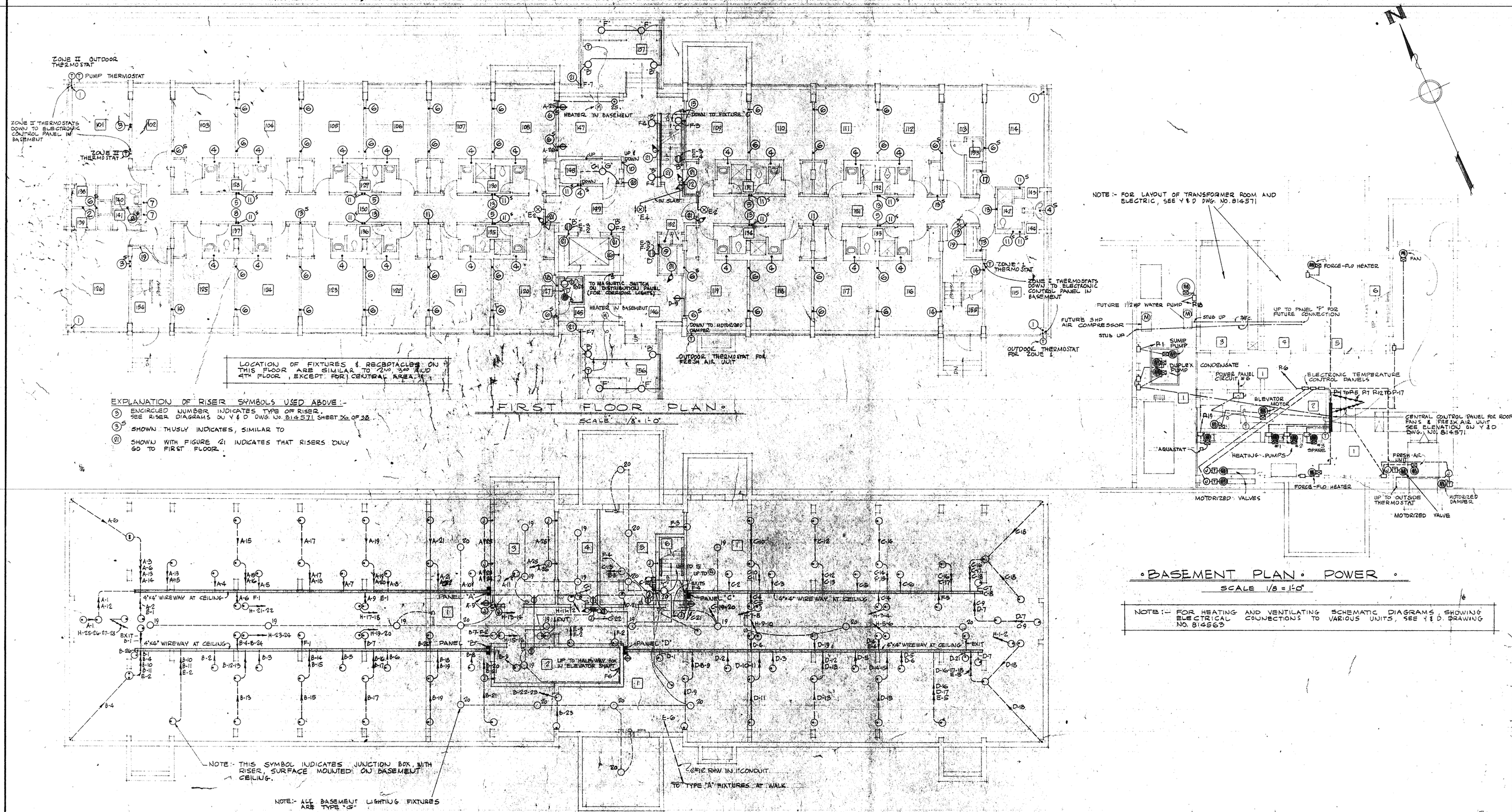
SUBMITTED: Cull Robinson & Green
DATE: Aug 5 1958
SATISFACTORY TO:
DATE:

RECORD DRAWING
DATE 19 NOV. 64
P.W.C. DWG. NO. 13509-142
172
CHI
Hi-10

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-20-64	FIFE

REVISIONS

DPWO DRAWING NO. NBN-80 P-4	DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS. CULL, ROBINSON AND GREEN PROVIDENCE, RHODE ISLAND
A & E	U.S. NAVAL BASE, NEWPORT, R.I.
DRAWN BY GJT	BACHELOR OFFICERS' QUARTERS
CHECKED BY GJB	DETAIL PLANS OF TOILET ROOMS AND DETAILS
APP'D BY KDR	PLUMBING
DPWO 1ST ND	
SAN. ENGR.	
SAFY ENGR.	
FIRE PROT. GLEASON	APPROVED DATE
PROJ. ENGR. DREESEN	OFFICER IN CHARGE
DIRECTOR SEDDON	
APPROVED FOR BUREAU OF YARDS & DOCKS	SCALE: AS NOTED SPEC. 12819/57
DPWO FOR CHIEF OF BUREAU	SHEET 32 OF 38 NBy 12819
DATE 5/6/58	Y & D DRAWING NO. 814567



EXPLANATION OF RISER SYMBOLS USED ABOVE:-

(3) ENCIRCLED NUMBER INDICATES TYPE OF RISER. SEE RISER DIAGRAMS ON Y & D DWG. NO. 814571 SHEET 36 OF 38.

(3)S SHOWN THUSLY INDICATES, SIMILAR TO

(21) SHOWN WITH FIGURE 21 INDICATES THAT RISERS ONLY GO TO FIRST FLOOR.

FIRST FLOOR PLAN

SCALE 1/8" = 1'-0"

BASEMENT PLAN POWER

SCALE 1/8 = 1'-0"

NOTE:- FOR HEATING AND VENTILATING SCHEMATIC DIAGRAMS, SHOWING ELECTRICAL CONNECTIONS TO VARIOUS UNITS, SEE Y & D DRAWING NO. 814563

NOTE:- THIS SYMBOL INDICATES JUNCTION BOX, WITH RISER, SURFACE MOUNTED ON BASEMENT CEILING.

NOTE:- ALL BASEMENT LIGHTING FIXTURES ARE TYPE "G"

2#12 RHW IN 1" CONDUIT TO TYPE "A" FIXTURES AT WALK

BASEMENT PLAN

SCALE 1/8" = 1'-0"

GRAPHIC SCALE

1/8" = 1'-0" 0 5 10 15 20 25 30 35 40 45

RECORD DRAWING
DATE 19 NOV. '64
P.W.C. DWG. NO. 13510-142

172
CHI

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-64	FIFE

REVISIONS

DPWO DRAWING NO. NBN-80 E-1

A & E

DRAWN BY G.E.M.
CHECKED BY J.W.K.
APP'D. BY KDL

DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. C.LEASON
PROJ. ENGR. DREESEN
DIRECTOR SEDDON

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

BACHELOR OFFICERS' QUARTERS

BASEMENT AND FIRST FLOOR PLAN
ELECTRICAL

APPROVED DATE

OFFICER IN CHARGE

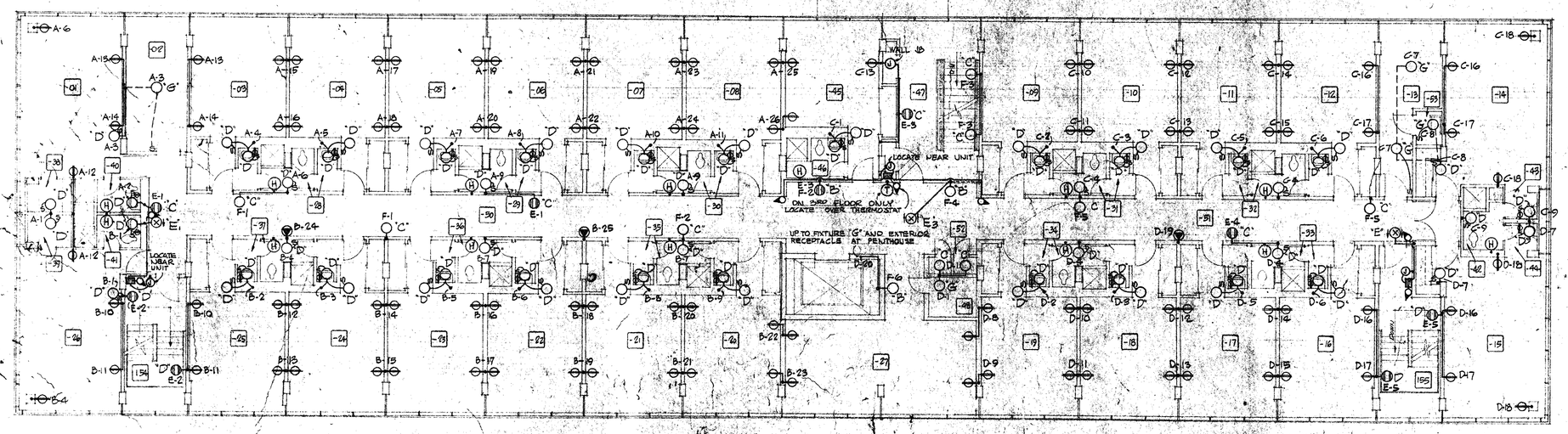
APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/58

SCALE: AS NOTED SPEC. 12819/57
SHEET 33 OF 38 NBy 12819
Y&D DRAWING NO. 814568

SUBMITTED Cull Robinson & Green
DATE: May 5, 1958 Cull & Robinson
Partner

SATISFACTORY TO:

DATE

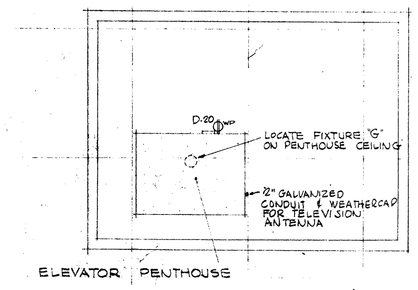


THIS SYMBOL INDICATES ROOM NUMBERS
FOR SECOND FLOOR - FROM 201 TO 257
FOR THIRD FLOOR - FROM 301 TO 357
FOR FOURTH FLOOR - FROM 401 TO 457

NOTE :- LOCATION OF FIXTURES AND OUTLETS IS SCHEMATIC, SEE ELEVATION OF ROOMS & SYMBOLS FOR LOCATION & HEIGHTS.

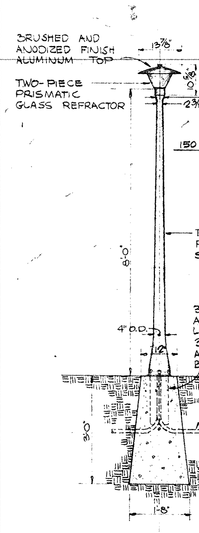
TYPICAL 2ND, 3RD AND 4TH FLOOR PLAN

SCALE 1/8" = 1'-0"



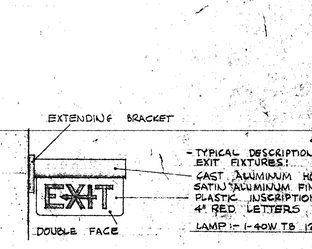
PARTIAL ROOF PLAN

SCALE 1/8" = 1'-0"

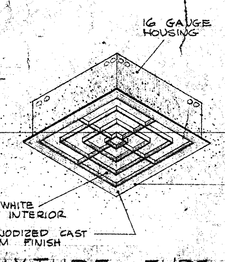


FIXTURE TYPE "A"

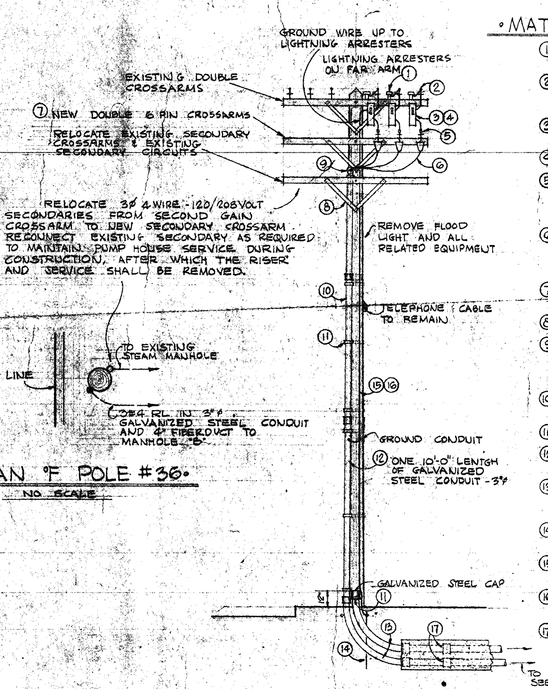
SCALE 1/2" = 1'-0"



FIXTURE TYPE "E"



FIXTURE TYPE "F"



ELEVATION OF EXISTING POLE #36 LOOKING NORTH

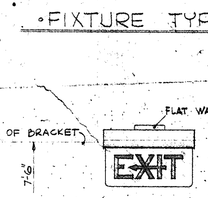
SCALE 1/4" = 1'-0"

MATERIAL LIST

1. LIGHTNING ARRESTER - 3000 VOLT - VALVE TYPE
2. COPPER WIRE - NO. 6 SOLID - 2/64" POLYCHLOROPRENE JACKET
3. PORCELAIN FUSE CUTOUT 5000 VOLT - 200 AMP.
4. FUSE LINK - 100 AMP.
5. POTHEAD - 7500 VOLT - 250 AMP. 1/C - SOLDER SEAL TYPE WITH TERMINAL LUG FOR #6 WIRE, DISC. STYLE
6. CABLE - 1/C - #4 STRANDED COPPER WITH 5KV BUTYL RUBBER INSULATION AND LEAD SHEATH.
7. CROSSARM - CREOSOTED. 6 - PIN.
8. CROSSARM BRACE - GALV.
9. VENTILATED CONDUIT RISER TERMINATION - 3" CAST ALUMINUM WITH FIBERGLASS & RESIN FILLER
10. ASBESTOS - CEMENT CONDUIT 3" φ.
11. CONDUIT CLIPS - 3"
12. GALVANIZED STEEL CONDUIT - 3" φ
13. GALVANIZED STEEL CONDUIT BEND - 3" RADIUS 3" φ.
14. GROUND ROD - 3/4" x 8'-0" COPPER - CLAD STEEL
15. GROUND WIRE - #6 BARE COPPER - S.D.
16. GROUND WIRE MOLDING CREOSOTED WOOD
17. FIBER REDUCER ADAPTER 4" x 3"

SYMBOLS

		MOUNTING HEIGHT
	CEILING FIXTURE OUTLET	
	WALL FIXTURE OUTLET	SEE SCHEDULE
	NIGHT LIGHT, WALL FIXTURE	SEE SCHEDULE
	EXIT FIXTURE CEILING OUTLET	
	EXIT FIXTURE WALL OUTLET	7'-6"
	WALL TYPE DUPLEX CONVENIENCE OUTLET	1'-6"
S	CONVENIENCE OUTLET & SWITCH COMBINATION	4'-6"
WP	CONVENIENCE OUTLET (WEATHER PROOF, NEAR DOOR AT LADDER	
	FLOOR TYPE CONVENIENCE OUTLET	
	SPECIAL PURPOSE CONVENIENCE OUTLET	1'-6"
	CEILING FAN	
F	WALL FAN	
J	JUNCTION BOX - CEILING TYPE	
J	JUNCTION BOX - WALL TYPE	
T	POWER TRANSFORMER	
M	MOTOR	
	MOTOR CONTROLLER	
S	SINGLE POLE SWITCH	4'-0" & 4'-6"
S3	THREE - WAY SWITCH	4'-0"
	LIGHTING PANEL	
	POWER PANEL	
	DISCONNECT SWITCH	
T	LOW VOLTAGE TRANSFORMER	
	BRANCH CIRCUIT, CONCEALED IN CEILING OR WALL	
	BRANCH CIRCUIT, CONCEALED IN FLOOR	
	BRANCH CIRCUIT, EXPOSED	
	HOME RUN TO PANEL	
H	RECESSED TYPE HEATER	
	EMERGENCY LIGHTING UNIT	
	SEALED BEAM LAMPS - 125 WATTS	
1	REFERS TO DETAIL NUMBER	
E-1	REFERS TO DRAWING NUMBER	



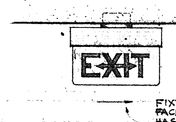
FIXTURE TYPE E_1-E_2

FIXTURE TYPE "G"

ABOVE FIXTURES DRAWN AT NO SCALE

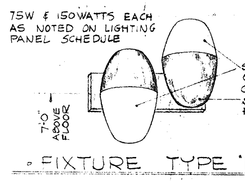
PLAN OF POLE #36

NO SCALE



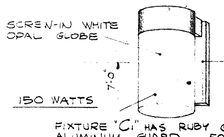
FIXTURE TYPE E_3-E_4

ABOVE FIXTURES DRAWN AT NO SCALE



FIXTURE TYPE "B"

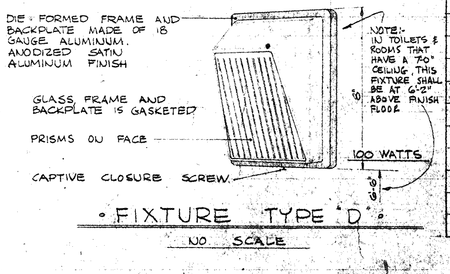
NO SCALE



FIXTURE "C" HAS RUBY GLOBE & CAST ALUMINUM GUARD. 50 WATT LAMP

FIXTURE TYPE "C"-"C"

NO SCALE



FIXTURE TYPE "D"

NO SCALE

LIGHTING FIXTURE SCHEDULE

TYPE	STYLE	WATTS	MOUNTING	HEIGHT	LOCATION
A	SEE ILLUSTRATION	150	POLE	8'-0"	EXTERIOR
B	SEE ILLUSTRATION	2-75 2-150	WALL	7'-0"	ENTRANCE - & VESTIBULES
C	SEE ILLUSTRATION	150	WALL	7'-0"	CORRIDORS
D	SEE ILLUSTRATION	100	WALL	6'-6" SEE NOTE	TOILETS & ROOMS
E	SEE ILLUSTRATION	40	WALL	7'-6"	CORRIDORS
E_1	SEE ILLUSTRATION	40	WALL	7'-6"	CORRIDORS
E_2	SEE ILLUSTRATION	40	WALL	7'-6"	CORRIDORS
E_3	SEE ILLUSTRATION	40	CEILING		CORRIDORS
E_4	SEE ILLUSTRATION	40	CEILING		CORRIDORS
F	SEE ILLUSTRATION	150	RECESSED		EXTERIOR CANOPY
G	SEE ILLUSTRATION	100	SURFACE		BASEMENT & STORAGE

GRAPHIC SCALES

1/8" = 1'-0" 0 5' 10' 15' 20' 25' 30' 35' 40' 45'

1/4" = 1'-0" 0 1' 2' 3' 4' 5' 10' 15' 20' 25'

1/2" = 1'-0" 0 1' 2' 3' 4' 5' 10'

SUBMITTED: C. W. Robinson & Assoc.
DATE: Aug. 5, 1959 Approved Robinson
SATISFACTORY TO:
DATE:

RECORD DRAWING
DATE 19 NOV. 64
PWC DWG NO. 13511-142

172
CHI

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-64	FIFE

REVISIONS

DPWO DRAWING NO NBN-80 E-2
A & E
DRAWN BY GEM
CHECKED BY J.W.K.
APP'D BY E.L.K.
DPWO 1ST ND
SAN ENGR.
SAF'Y ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DIRESSEN
DIRECTOR SEDDON

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

BACHELOR OFFICERS' QUARTERS

TYPICAL UPPER FLOOR PLAN

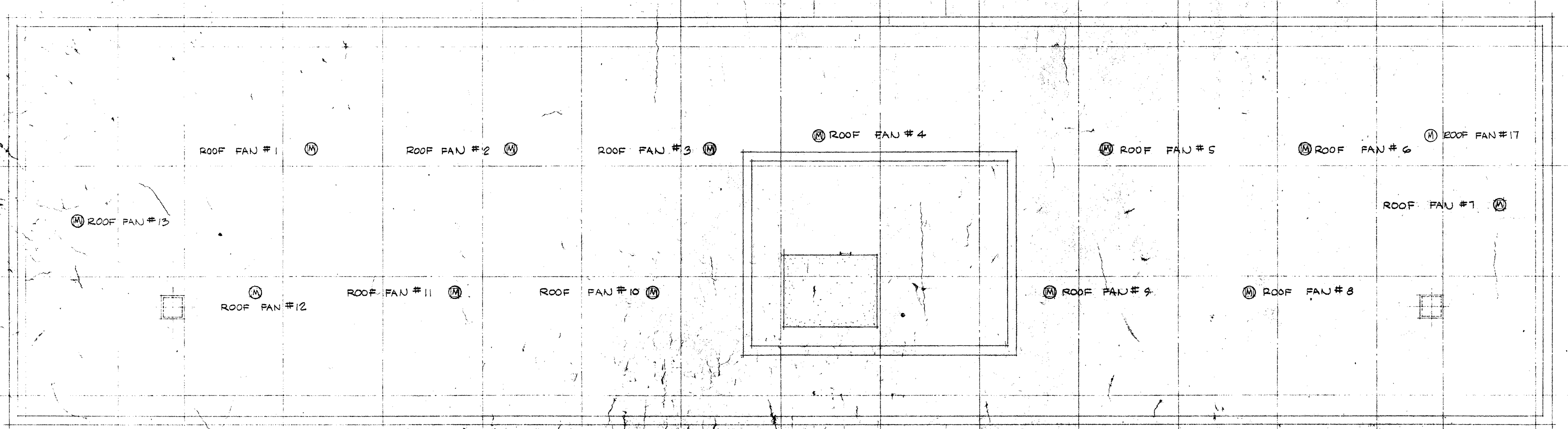
ELECTRICAL

APPROVED DATE
OFFICER IN CHARGE

APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 8/6/62

SCALE: AS NOTED
SPEC. 12819/57
SHEET 34 OF 38
NBy 12819
Y&D DRAWING NO 814569

NOTE:- ALL ROOF FANS HAVE INDIVIDUAL RISERS. SEE Y. & D. DWG. NO. 814571 FOR SCHEMATIC DIAGRAM AND CONTROL CABINET DETAILS.



·ROOF PLAN·

SCALE 1/8" = 1'-0"

BRANCH CIRCUIT SCHEDULES

Panel	#	Location	Fixture No.	Fixture Type	Watts Each	Watts Total	Over-Current Rate	Poles	Phase	Wire	Cond.
PANEL "A"	1	138-139-238-239-338-339-438-439	8	D	100	800	20	1	A	12	CONDUIT SIZE AS REQUIRED
	2	140-141-240-241-340-341-440-441	4 / 4	D / Recept	100 / 100	800	20	1	B	12	
	3	101-102-201-202-301-302-401-402	4 / 4	D / G	100 / 100	800	20	1	C	12	
	4	103-128-203-228-303-328-403-428	8 / 4	D / Recept	100 / 100	1200	20	1	A	12	
	5	124-128-204-228-304-328-404-428	8 / 4	D / Recept	100 / 100	1200	20	1	B	12	
	6	101-128-201-228-301-328-401-428	4 / 4	D / Recept	100 / 150	1000	20	1	C	12	
	7	105-129-205-229-305-329-405-429	8 / 4	D / Recept	100 / 100	1200	20	1	A	12	
	8	106-129-206-229-306-329-406-429	8 / 4	D / Recept	100 / 100	1200	20	1	B	12	
	9	129-130-229-230-329-330-429-430	8	D	100	800	20	1	C	12	
	10	107-130-207-230-307-330-407-430	8 / 4	D / Recept	100 / 100	1200	20	1	A	12	
	11	108-130-208-230-308-330-408-430	8 / 4	D / Recept	100 / 100	1200	20	1	B	12	
	12	101-126-201-226-301-326-401-426	8	Recept	150	1200	20	1	C	12	
	13	101-103-201-203-301-303-401-403	8	Recept	150	1200	20	1	A	12	
	14	Same as 13	8	Recept	150	1200	20	1	B	12	
	15	103-104-203-204-303-304-403-404	8	Recept	150	1200	20	1	C	12	
	16	Same as 15	8	Recept	150	1200	20	1	A	12	
	17	104-105-204-205-304-305-404-405	8	Recept	150	1200	20	1	B	12	
	18	Same as 17	8	Recept	150	1200	20	1	C	12	
	19	105-106-205-206-305-306-405-406	8	Recept	150	1200	20	1	A	12	
	20	Same as 19	8	Recept	150	1200	20	1	B	12	
	21	106-107-206-207-306-307-406-407	8	Recept	150	1200	20	1	C	12	
	22	Same as 21	8	Recept	150	1200	20	1	A	12	
	23	107-108-207-208-307-308-407-408	8	Recept	150	1200	20	1	B	12	
	24	Same as 23	8	Recept	150	1200	20	1	C	12	
	25	108-147-208-247-308-347-408-447	9	Recept	150	1350	20	1	A	12	
	26	Same as 25	8	Recept	150	1200	20	1	B	12	
	27	Spare					20	1	C		
	28	Spare					20	1	A		
	29	Spare					20	1	B		
	30	Spare					20	1	C		
		Total				29,550					
PANEL "B"	1	126-141-226-241-326-341-426-441	8 / 4	D / Recept	100 / 100	1200	20	1	A	12	CONDUIT SIZE AS REQUIRED
	2	125-137-225-237-325-337-425-437	8 / 4	D / Recept	100 / 100	1200	20	1	B	12	
	3	124-137-224-237-324-337-424-437	8 / 4	D / Recept	100 / 100	1200	20	1	C	12	
	4	126-137-226-237-326-337-426-437	4 / 4	D / Recept	100 / 150	1000	20	1	A	12	
	5	123-136-223-236-323-336-423-436	8 / 4	D / Recept	100 / 100	1200	20	1	B	12	
	6	122-136-222-236-322-336-422-436	8 / 4	D / Recept	100 / 100	1200	20	1	C	12	
	7	135-136-235-236-335-336-435-436	8	D	100	800	20	1	A	12	
	8	121-135-221-235-321-335-421-435	8 / 4	D / Recept	100 / 100	1200	20	1	B	12	
	9	120-135-220-235-320-335-420-435	8 / 4	D / Recept	100 / 100	1200	20	1	C	12	
	10	125-126-225-226-325-326-425-426	8	Recept	150	1200	20	1	A	12	
	11	Same as 10	8	Recept	150	1200	20	1	B	12	
	12	124-125-224-225-324-325-424-425	8	Recept	150	1200	20	1	C	12	
	13	Same as 12	8	Recept	150	1200	20	1	A	12	
	14	123-124-223-224-323-324-423-424	8	Recept	150	1200	20	1	B	12	
	15	Same as 14	8	Recept	150	1200	20	1	C	12	
	16	122-123-222-223-322-323-422-423	8	Recept	150	1200	20	1	A	12	
	17	Same as 16	8	Recept	150	1200	20	1	B	12	
	18	121-122-221-222-321-322-421-422	8	Recept	150	1200	20	1	C	12	
	19	Same as 18	8	Recept	150	1200	20	1	A	12	
	20	120-121-220-221-320-321-420-421	8	Recept	150	1200	20	1	B	12	
	21	Same as 20	8	Recept	150	1200	20	1	C	12	
	22	120-121-220-227-320-327-420-427	8	Recept / Recept Fan	150 / 50	1350	20	1	A	12	
	23	120-220-227-320-327-420-427	8	Recept	150	1200	20	1	B	12	
	24	150-250-350-450	4	Recept	300	1200	20	1	C	12	
	25	Same as 24	4	Recept	300	1200	20	1	A	12	
	26	154-150-250-350-450	4	Emergency units	200	800	20	1	B	12	
	27	Spare					20	1	C		
	28	Spare					20	1	A		
	29	Spare					20	1	B		
	30	Spare					20	1	C		
		Total				30,350					

NOTE:- PANEL "H" IS A 42 CIRCUIT PANEL WITH 28 ACTIVE CIRCUITS
27 AT 1500 WATTS EACH FOR 2 ROOM HEATERS = 40.5 KW
1 AT 750 WATTS FOR 1 ROOM HEATER = .8 KW — TOTAL 41.3 KW
14 SPARE CIRCUITS FOR FUTURE HEATERS, ALL CIRCUITS RATED AT 20A. 1 POLE

BRANCH CIRCUIT SCHEDULES

Panel	#	Location	Fixture No.	Fixture Type	Watts Each	Watts Total	Over-Current Rate	Poles	Phase	Wire	Cond.
PANEL "C"	1	145-246-245-345-346-445-446	8 / 4	D / Recept	100 / 100	1200	20	1	A	12	CONDUIT SIZE AS REQUIRED
	2	109-134-209-231-309-331-409-431	8 / 4	D / Recept	100 / 100	1200	20	1	B	12	
	3	110-131-210-231-310-331-410-431	8 / 4	D / Recept	100 / 100	1200	20	1	C	12	
	4	131-132-231-232-331-332-431-432	8	D	100	800	20	1	A	12	
	5	111-132-211-232-311-332-411-432	8 / 4	D / Recept	100 / 100	1200	20	1	B	12	
	6	112-132-212-232-312-332-412-432	8 / 4	D / Recept	100 / 100	1200	20	1	C	12	
	7	113-213-313-413	8	G	100	800	20	1	A	12	
	8	114-153-214-253-314-353-414-453	8 / 4	G / Recept	100 / 100	1200	20	1	B	12	
	9	142-143-242-243-342-343-442-443	8 / 4	D / Recept	100 / 100	1200	20	1	C	12	
	10	109-110-209-210-309-310-409-410	8	Recept	150	1200	20	1	A	12	
	11	Same as 10	8	Recept	150	1200	20	1	B	12	
	12	110-111-210-211-310-311-410-411	8	Recept	150	1200	20	1	C	12	
	13	Same as 12	8	Recept	150	1200	20	1	A	12	
	14	111-112-211-212-311-312-411-412	8	Recept	150	1200	20	1	B	12	
	15	Same as 14	8	Recept	150	1200	20	1	C	12	
	16	112-114-212-214-312-314-412-414	8	Recept	150	1200	20	1	A	12	
	17	Same as 16	8	Recept	150	1200	20	1	B	12	
	18	114-214-314-414	8	Recept	150	1200	20	1	C	12	
	19	Basement rooms-1-2-3-4	13	G	100	1300	20	1	A	12	
	20	Basement rooms-1-5-6	12 / 1	G / B	100 / 100	1300	20	1	B	12	
	21	Basement rooms-1-2-3-4-5	9	Recept	150	1350	20	1	C	12	
	22	146-147-149-150-151	3	Emergency units	200	600	20	1	A	12	
	23	Spare					20	1	B		
	24	Spare					20	1	C		
		Total				26,050					
PANEL "D"	1	152-252-248-352-348-448-452	8 / 3	C / G	60 / 100	780	20	1	A	12	CONDUIT SIZE AS REQUIRED
	2	119-134-219-234-319-334-419-434	8 / 4	D / Recept	100 / 100	1200	20	1	B	12	
	3	118-134-218-234-318-334-418-434	8 / 4	D / Recept	100 / 100	1200	20	1	C	12	
	4	133-134-233-234-333-334-433-434	8	D	100	800	20	1	A	12	
	5	117-133-217-233-317-333-417-433	8 / 4	D / Recept	100 / 100	1200	20	1	B	12	
	6	116-133-216-233-316-333-416-433	8 / 4	D / Recept	100 / 100	1200	20	1	C	12	
	7	115-144-215-244-315-344-415-444	8 / 4	D / Recept	100 / 100	1200	20	1	A	12	
	8	119-219-227-319-327-419-427	8	Recept	150	1200	20	1	B	12	
	9	146-119-219-227-319-327-419-427	9	Recept	150	1350	20	1	C	12	
	10	118-119-218-219-318-319-418-419	8	Recept	150	1200	20	1	A	12	
	11	Same as 10	8	Recept	150	1200	20	1	B	12	
	12	119-120-219-220-319-320-419-420	8	Recept	150	1200	20	1	C	12	
	13	Same as 12	8	Recept	150	1200	20	1	A	12	
	14	120-121-220-221-321-321-421-421	8	Recept	150	1200	20	1	B	12	
	15	Same as 14	8	Recept	150	1200	20	1	C	12	
	16	115-116-215-216-315-316-415-416	8	Recept	150	1200	20	1	A	12	
	17	Same as 16	8	Recept	150	1200	20	1	B	12	
	18	115-215-315-415	8	Recept	150	1200	20	1	C	12	
	19	Corridors, floor polisher	4	Recept	300	1200	20	1	A	12	
	20	Penthouse exterior	1	Recept	500	500	20	1	B	12	
	21	155-151-251-351-451	7	Emergency units	200	1400	20	1	C	12	
	22	Spare					20	1	A		
	23	Spare					20	1	B		
	24	Spare					20	1	C		
		Total				24,030					
PANEL "E"	1	150-250-350-450	8	C	150	1200	20	1	A	12	CONDUIT SIZE AS REQUIRED
	2	Stairwell 154	8	D	100	800	20	1	B	12	
	3	149-249-349-449	3 / 4 / 2	C / B / B	150 / 75 / 150	1050	20	1	C	12	
	4	151-251-351-451	4	C	150	600	20	1	A	12	
	5	Stairwell 155	8	D	100	800	20	1	B	12	
	6	Grounds	11	A	150	1650	20	1	C	12	
	7/8	Spares					20/20	1/1	A/B		
		Total				6100					
PANEL "F"	1	150-250-350-450	8	C	150	1200	20	1	A	12	CONDUIT SIZE AS REQUIRED
	2	149-150-249-250-349-350-449-450	4 / 5 / 1	C / B / B	150 / 150 / 75	1425	20	1	B	12	
	3	147-247-347-447	7	C	150	1050	20	1	C	12	
	4	149-249-349-449	5 / 1	B / B	300 / 150	1650	20	1	A	12	
	5	151-251-351-451	8	C	150	1200	20	1	B	12	
	6	227-327-427	3 / 1	B / G	150 / 100	550	20	1	C	12	
	7	156-157	4 / 4	F / B	150 / 300	1800	20	1	A	12	
	8/9/10	Spares					20/20/20	1/1/1	B/C/A		
		Total				8875					

BRANCH CIRCUIT SCHEDULES

Panel	#	Location	Motor Duty	Motor HP	Volt	Watt	Total	Over-Current Rate	Poles	Phase	Cir't. Wire	Dis-Con.	Con-Trol
PANEL "P"	1	Basement room #1	Sump pump	1/3	120	575	575	20	1	A	12	Switch	Auto.
	2		Spare					20	1	B			
	3	Basement room #1	Fan	1/4	120	550	550	20	1	C	12	Switch	Auto.
	4	Basement room #5	Force-flo heaters	1/6 1/6	120	325	650	20	1	A	12	Switch	Auto.
	5		Spare					20	1	B			
	6	Basement room #1	Motorized-valves	100W	120	100	200	20	1	C	12	None	Auto.
	7	Basement room #2	Fan-fresh air unit	1/4 MD	120	550 / 100	650	20	1	A	12	Switch	Auto.
	8		Spare					20	1	B			
	9		Spare					20	1	C			
	10	Future	Air compressor	1 1/2	208	1715	—	20	3	ABC	—		
	11	Future	Water pump	3	208	3420	—	20	3	ABC	—		
	12	Basement room #1	Duplex condensate pump	1	208	1140	1140	20	3	ABC	12	Switch	Auto.
	13	Basement room #1		1	208	1140	1140	20	3	ABC	12	Switch	Auto.
	14	Basement room #1	Circulator pump	2	208	2160	2160	20	3	ABC	12	Switch	Auto.
	15	Basement room #1	Circulator pump	2	208	2160	2160	20	3	ABC	12	Switch	Auto.
	16	Basement room #1	Circulator pump	2	208	2160	2160	20	3	ABC	12	Switch	Auto.
	17	Basement room #1	Fresh-air unit	2	208	2160	2160	20	3	ABC	12	Switch	Auto.
	18	Basement room #1	Sump pump	1/2	208	685	685	20	3	ABC	12	Switch	Auto.
	19	Basement room #1	H.W. circulator pump	1/2	208	685	685	20	3	ABC	12	Switch	Auto.
	20		Spare					20	3	ABC			
		Total					14,915						
PANEL "R1"	1	Roof	Fans #6-7-17	1/12 EA.	120	175	525	20	1	A	12	Panel	Manual
	2	Roof	Fans #5-8-9	1/12 EA.	120	175	525	20	1	B	12	Panel	Manual
	3	Roof	Fans #3-4-10	1/12 EA.	120	175	525	20	1	C	12	Panel	Manual
	4	Roof	Fans #1-2-11-12	1/12 EA.	120	175	700	20	1	A	12	Panel	Manual
	5	Roof	Fans #13	1/4	120	550	550	20	1	B	12	Panel	Manual
	6		Spare					20	1	C			
	7		Spare					20	1	A			
	8		Spare					20	1	B			
		Total					2825						

BRANCH CIRCUIT SCHEDULES

Panel	#	Location	Fixture No.	Fixture Type	Watts Each	Watts Total	Over-Current Rate	Poles	Phase	Wire	Cond.
EXIT DUTY CIRCUIT BREAKER	1	West end of building	4	E_1	40	160	20	1	A	12	AS REQUIRED
	2	Center	2 / 3	E_2 / E_3 EA.	40	240	20	1	B	12	
	3	East end of building	4	E	40	160	20	1	C	12	
		Total				560					
FIRE ALARM CIRCUIT BREAKER	1	Fire alarm control panel	1	Perm.	1000	1000	20	2	A / B	12	AS REQUIRED
	2	And equipment									
	3	Station indicating lights	12	C_1	50	600	20	1	C	12	
		Total				1600					

ABBREVIATIONS:-

- # NO. = NUMBER
- COND. = CONDUIT
- RECEPT. = RECEPTACLE
- A. OR AMP. = AMPERE
- KW. = KILOWATT
- PERM. = PERMANENT
- HP = HORSEPOWER
- CIR'T. = CIRCUIT
- DISCON. = DISCONNECT
- AUTO. = AUTOMATIC

·GRAPHIC SCALE·

1/8" = 1'-0" — 0 5' 10' 15' 20' 25' 30' 35' 40' 45'

RECORD DRAWING
DATE 19 NOV. 64
P.W.C. DWG. NO. 13512-142

172
CHI

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-64	FIFE
	REVISIONS		

SUBMITTED	[signature]
DATE:	[signature]
SATISFACTORY TO:	
DATE	

DPWO DRAWING NO. NBN-80 E-3

A & E

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON, MASS.

CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

DRAWN BY G.E.M.
CHECKED BY J.J.K.
APP'D BY K.P.K.

DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. GLEASON
PROJ. ENGR. DREESEN
DIRECTOR SEDDON

U.S. NAVAL BASE, NEWPORT, R.I.

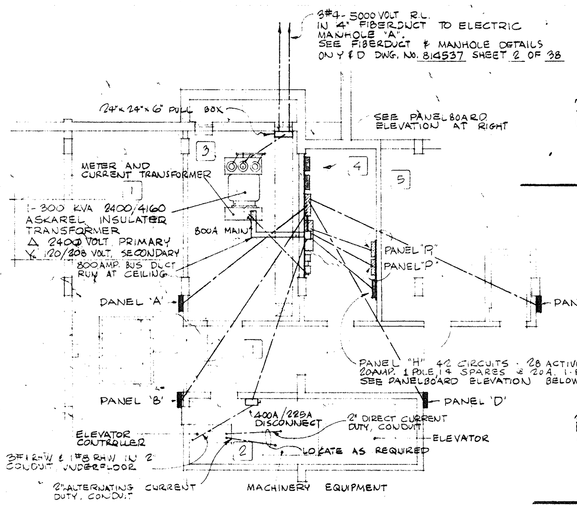
BACHELOR OFFICERS' QUARTERS

ROOF PLAN AND SCHEDULES
ELECTRICAL

APPROVED — OFFICER IN CHARGE — DATE

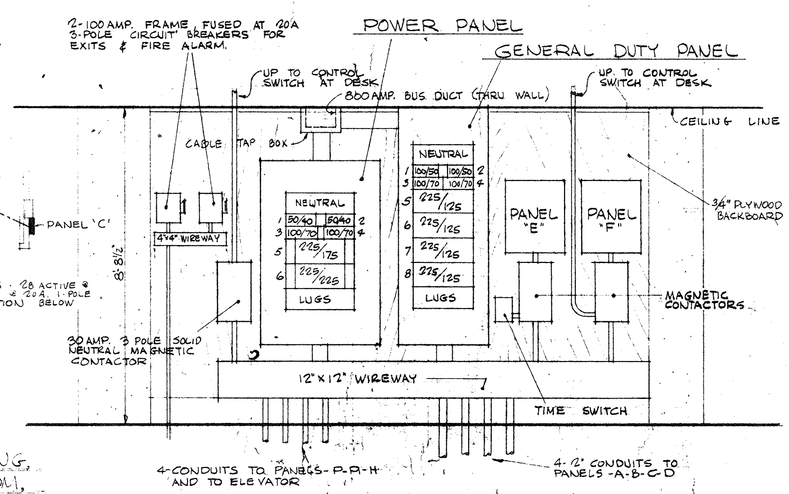
APPROVED FOR BUREAU OF YARDS & DOCKS [signature]
DPWO FOR CHIEF OF BUREAU
DATE 5/7/58

SCALE: AS NOTED | SPEC. 12819/57
SHEET 35 OF 38 | NBy 12819
Y&D DRAWING NO. 814570



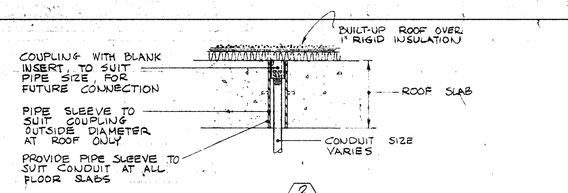
• PARTIAL BASEMENT PLAN, SHOWING LOCATION OF TRANSFORMER ROOM, ELECTRIC ROOM, PANELBOARD, AND PANELS.

SCALE 1/8" = 1'-0"



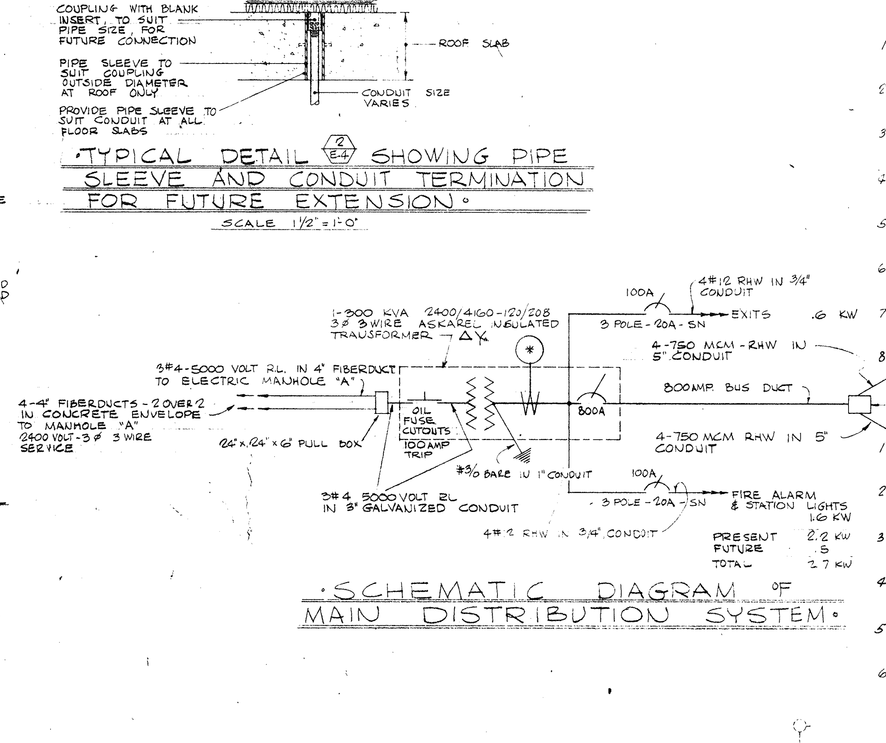
• MAIN PANELBOARD ELEVATION •

SCALE 1/2" = 1'-0"



• TYPICAL DETAIL (2/E4) SHOWING PIPE SLEEVE AND CONDUIT TERMINATION FOR FUTURE EXTENSION •

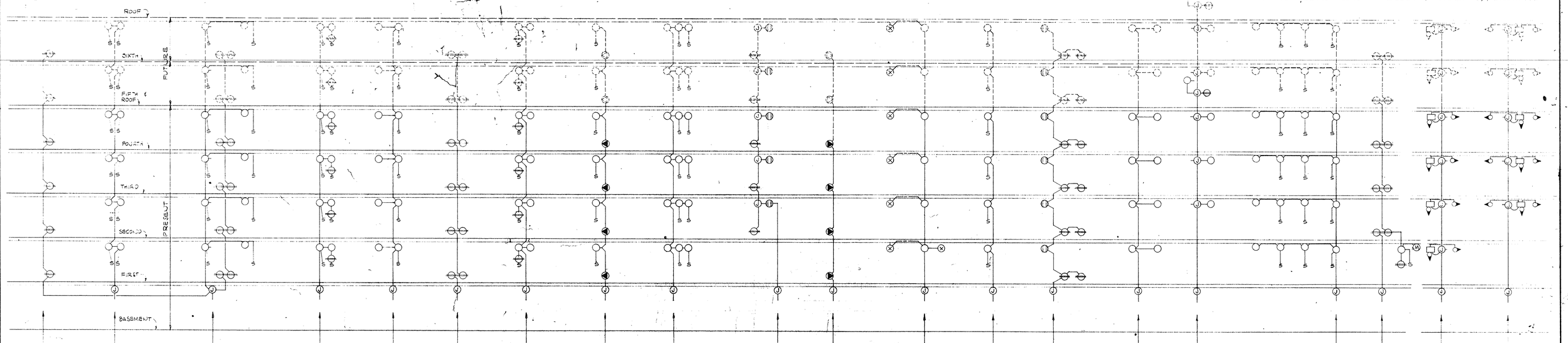
SCALE 1½" = 1'-0"



• SCHEMATIC DIAGRAM OF MAIN DISTRIBUTION SYSTEM •

		CONNECTED LOAD IN KILOWATTS PRESENT	FUTURE
100A / 50A	4#6 RHW IN 1"C. / MAGNETIC CONTACTOR (TIME SWITCH; S - CONTROL SWITCH AT DESK)	PANEL "E"	6.1
100A / 50A	4#6 RHW IN 1"C.	PANEL "F"	8.9
100A / 70		SPARE	—
100A / 70		SPARE	—
225A / 125A	4#1 RHW IN 2"C.	PANEL "A"	27.6
225A / 125A	4#1 RHW IN 2"C.	PANEL "B"	31.4
225A / 125A	4#1 RHW IN 2"C.	PANEL "C"	28.0
225A / 125A	4#1 RHW IN 2"C.	PANEL "D"	24.0
	LOAD - EXITS & FIRE ALARM		2.2
50A / 40A	4#8 RHW IN 1"C. / MAGNETIC CONTACTOR (S - CONTROL SWITCH AT DESK)	PANEL "R"	2.8
50A / 40A		SPARE	—
100A / 70A	4#4 RHW IN 1½"C.	PANEL "P"	15.0
100A / 70A		SPARE	—
225A / 175A	4#4/0 RHW IN 2½"C.	PANEL "H"	41.3
225A / 225A	3#1 RHW IN 1½"C.	ELEVATOR	35.0
		TOTAL KILOWATTS	220.3 / 73.3

TOTAL CONNECTED LOAD - PRESENT 221 KW
TOTAL CONNECTED LOAD - PRESENT & FUTURE 297 KILOWATTS

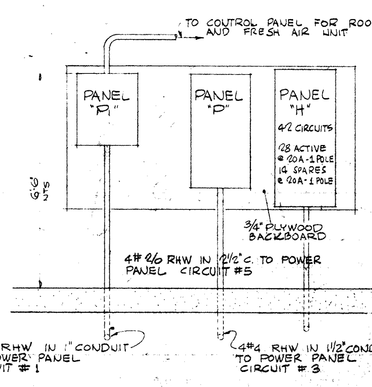


FLOOR TO FLOOR SCALE - 1/8" = 1'-0"

NOTE:- FOR RISER LOCATION SEE Y. & D. DWG. NO. 814568 SHEET 33 OF 38 FIRST FLOOR PLAN

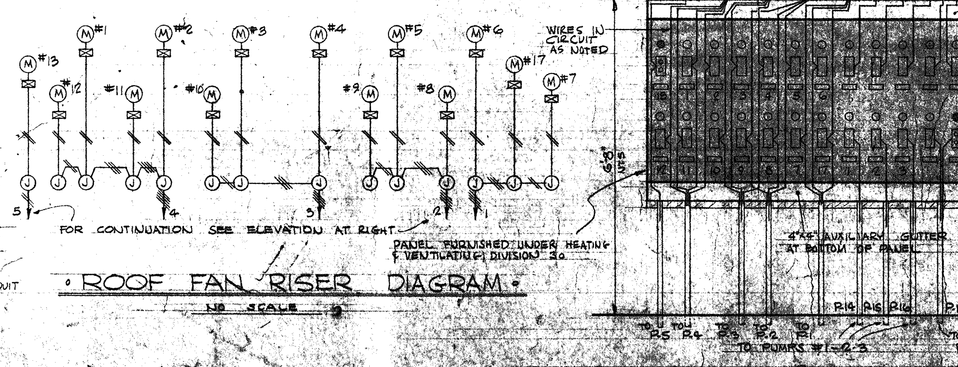
NOTE:- PROVIDE SUITABLE PIPE SLEEVES WITH ANCHORS AT ALL FLOORS & ROOF SLAB, SEE DETAIL (2/E4) ABOVE

• TYPICAL RISERS FOR EMERGENCY LIGHTING CIRCUITS •



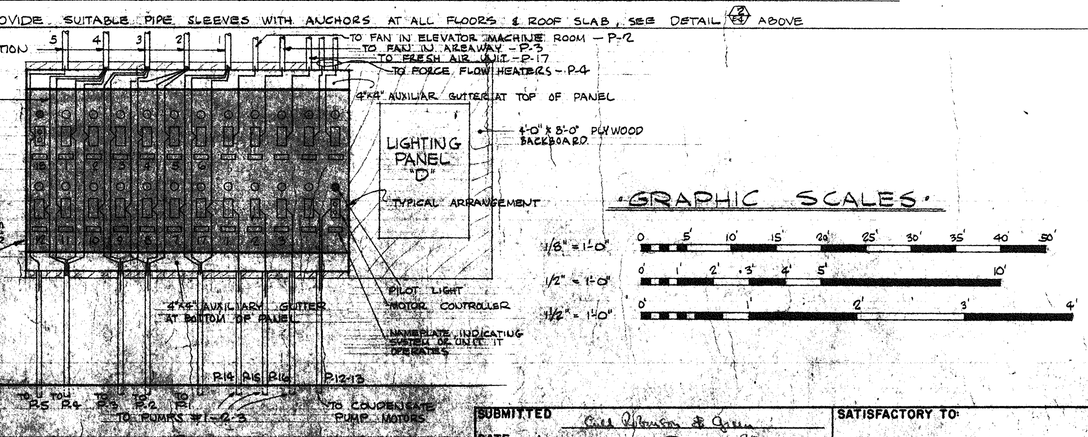
• ELEVATION OF PANELS "P" AND "R" •

SCALE 1/2" = 1'-0"



• ROOF FAN RISER DIAGRAM •

NO SCALE



• CENTRAL CONTROL PANEL ELEVATION •

NO SCALE

• GRAPHIC SCALES •

1/8" = 1'-0"
1/2" = 1'-0"
1½" = 1'-0"

SUBMITTED Cull Robinson & Green
DATE Nov 6, 1968
SATISFACTORY TO:
DATE

E-4 REFERS TO Y & D DWG. NO. 814571

PW.C. DWG. NO. 13513-142

RECORD DRAWING DATE 19 NOV. 69

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-69	FIFE

REVISIONS

DPWO DRAWING NO. NBN-80 E-4

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

A & E

DRAWN BY G.E.M.
CHECKED BY J.W.K.
APP'D BY R.D.L.

DPWO 1ST ND
SAN. ENGR.
SAF'Y ENGR.
FIRE PROT. CAREASON
PROJ. ENGR. DRESSEN
DIRECTOR SCRIBNER

U.S. NAVAL BASE, NEWPORT, R.I.

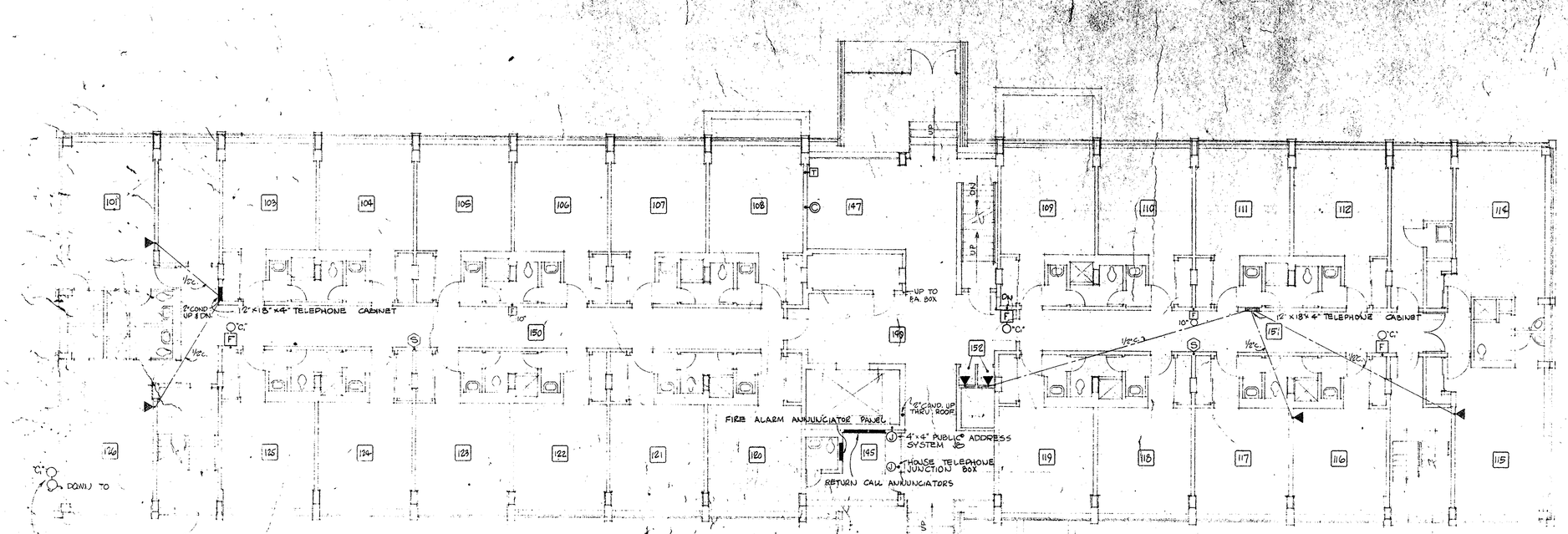
BACHELOR OFFICERS' QUARTERS

TYPICAL RISER DIAGRAMS AND DETAILS
ELECTRICAL

APPROVED _____ DATE _____
OFFICER IN CHARGE

APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/68

SCALE: AS NOTED
SPEC. 12819/57
SHEET 36 OF 38
NBy 12819
Y&D DRAWING NO. 814571

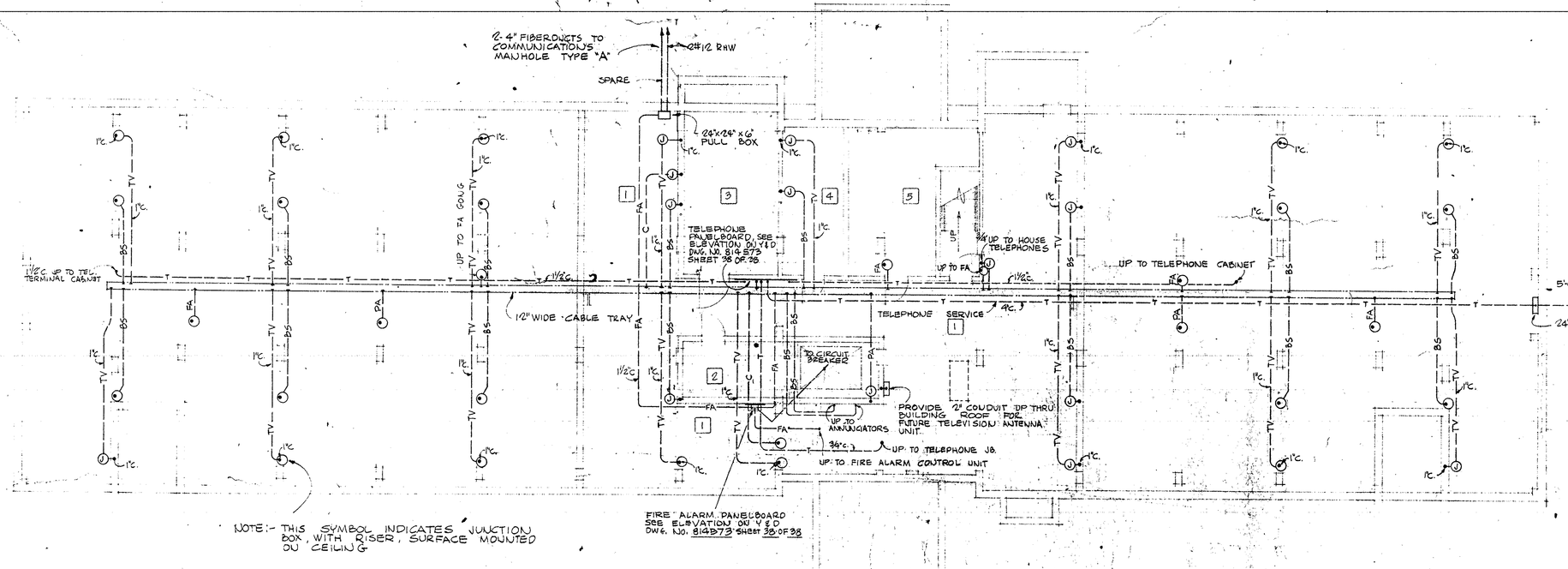


NOTE:- LOCATION OF TELEPHONES, TELEPHONE CALL BUTTONS, TELEVISION OUTLETS ON THIS FLOOR ARE SIMILAR TO 2ND, 3RD & 4TH FLOOR PLAN EXCEPT FOR CENTER UNIT.

PROVIDE WEATHERPROOF 6" GONG AND FLASHING RED LIGHT TO OPERATE WHEN LOCAL ALARM SYSTEM IS ACTIVATED. LOCATE ON BRICK UNDER WINDOW.

FIRST FLOOR PLAN

SCALE 1/8" = 1'-0"



NOTE:- THIS SYMBOL INDICATES JUNCTION BOX, WITH RISER, SURFACE MOUNTED ON CEILING

FIRE ALARM PANELBOARD SEE ELEVATION ON Y&D DWG. NO. 814573 SHEET 38 OF 38

BASEMENT PLAN

SCALE 1/8" = 1'-0"

SYMBOLS

		HEIGHT ABOVE FLOOR
◀	OUTSIDE TELEPHONE - PROVIDE JACK IN PRIVATE ROOMS	1'-6
◁	STATION SYSTEM TELEPHONE	6
	BUZZER & PUSH BUTTON COMBINATION	4'-0"
F	FIRE ALARM BOX	5'-0
F○	FIRE ALARM GONG (8")	7'-0
S	PUBLIC ADDRESS SYSTEM OUTLET	7'-0"
C	CLOCK OUTLET	7'-0"
T	TELEVISION ANTENNA OUTLET	1'-6
T	THERMOSTAT	5'-0"
F○	FIXTURE TYPE "C" OVER FIRE ALARM STATION	7'-0"

—T— TELEPHONE
—TV— TELEVISION
—C— CLOCK
—BS— BUZZER SYSTEM
—FA— FIRE ALARM SYSTEM
—PA— PUBLIC ADDRESS SYSTEM

1 — REFERS TO DETAIL NUMBER
E-1 — REFERS TO DRAWING NUMBER

ABBREVIATIONS:-

COND. AND C. = CONDUIT
DN. = DOWN
F.A. = FIRE ALARM
RHW = MOISTURE AND HEAT RESISTANT RUBBER

GRAPHIC SCALE

1/8" = 1'-0" 0 5 10 15 20 25 30 35 40 45

172
CHI

RECORD DRAWING
DATE 19 NOV. '64
P.W.C. DWG. NO. 13514-142

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-19-64	FIFE

REVISIONS

DPWO DRAWING NO. NBN-80 E-5

A & E

DRAWN BY G.E.M.
CHECKED BY J.W.K.
APP'D BY

DPWO 1ST ND
SAN ENGR.
SAF'Y ENGR.
FIRE PROT. CLEASON
PROJ. ENGR. DREESEN
DIRECTOR S. COLLIN

DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS
DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS.
CULL, ROBINSON AND GREEN
PROVIDENCE, RHODE ISLAND

U.S. NAVAL BASE, NEWPORT, R.I.

BACHELOR OFFICERS' QUARTERS

BASEMENT AND FIRST FLOOR PLANS-COMMUNICATIONS

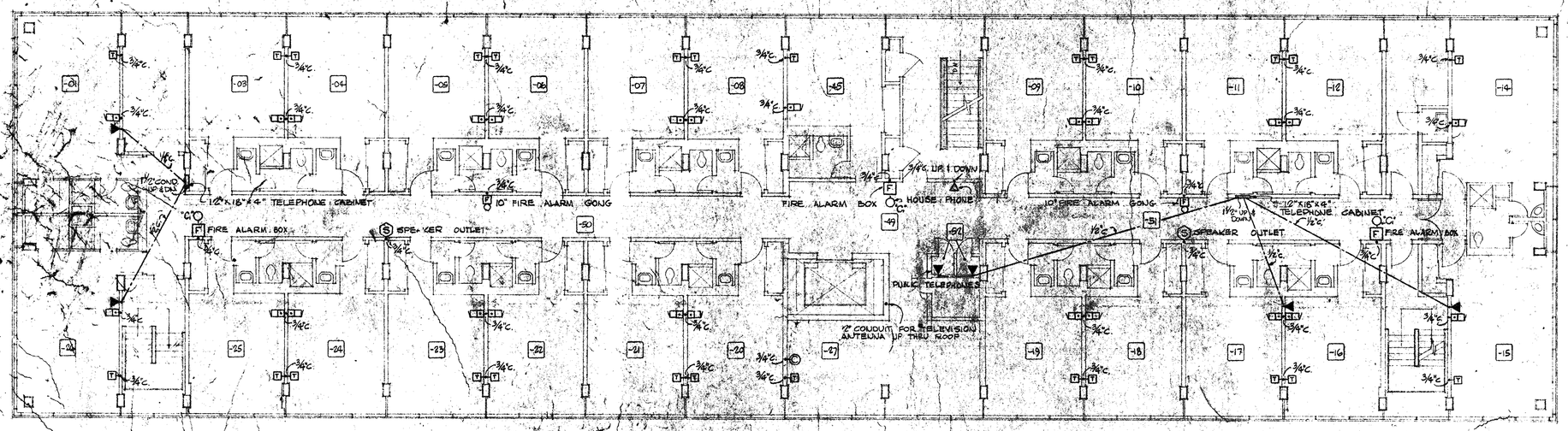
APPROVED _____ DATE _____
OFFICER IN CHARGE

APPROVED FOR BUREAU OF YARDS & DOCKS
DPWO FOR CHIEF OF BUREAU
DATE 5/6/58

SCALE: AS NOTED | SPEC. 12819/57
SHEET 37 OF 38 | NBy 12819
Y&D DRAWING NO. 814572

SUBMITTED: [signature]
DATE: May 6, 1958 [signature]

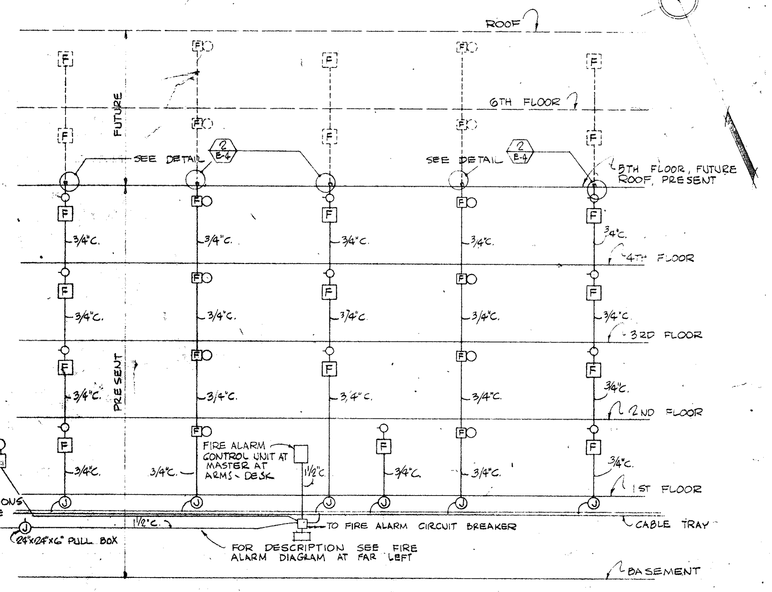
SATISFACTORY TO:
DATE



• TYPICAL 2ND - 3RD AND 4TH FLOOR PLAN •

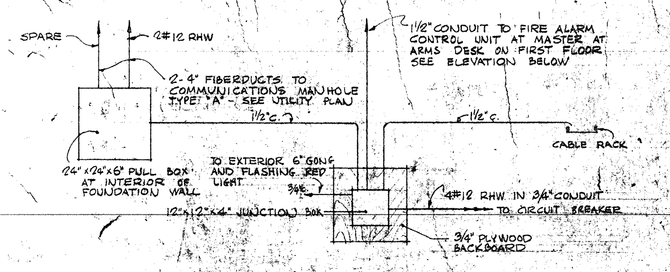
SCALE 1/8" = 1'-0"

THIS SYMBOL INDICATED ROOM NUMBERS FOR SECOND FLOOR FROM 201-TO-257 FOR THIRD FLOOR FROM 301-TO-357 FOR FOURTH FLOOR FROM 401-TO-457



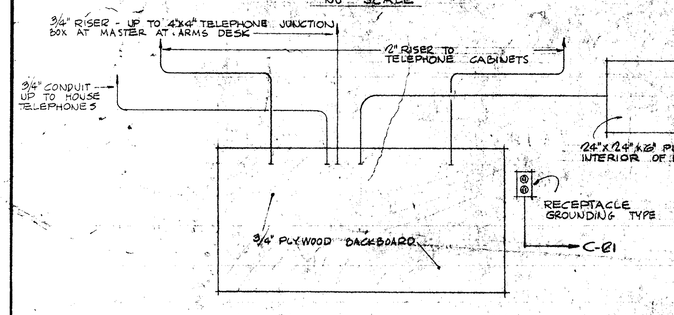
• RISER DIAGRAM OF FIRE ALARM SYSTEM •

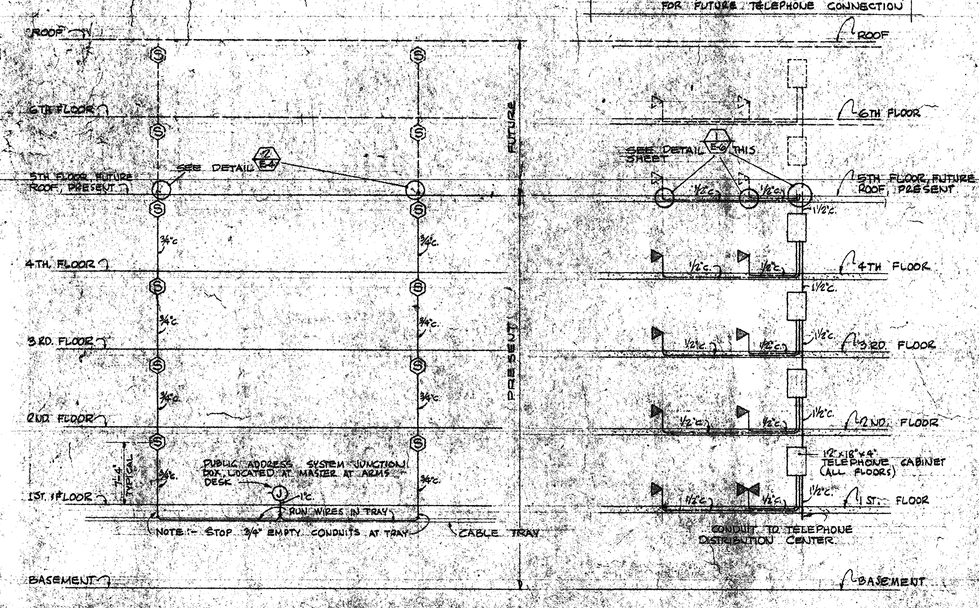
SCALE 1/8" = 1'-0" VERTICAL



• SCHEMATIC DIAGRAM OF FIRE ALARM DISTRIBUTION CENTER •

NO SCALE





• RISER DIAGRAM OF PAGING SYSTEM •

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

(PROVIDE CONDUITS ONLY, WITH PULL WIRE)

NOTE:- ALL 1/2" TELEPHONE CONDUITS AND RUNS TO TELEPHONE CABINETS AT EACH FLOOR SHALL BE COLORCOATED IN SLAB, ALSO AT PRESENT ROOF SLAB FOR FUTURE TELEPHONE CONNECTION

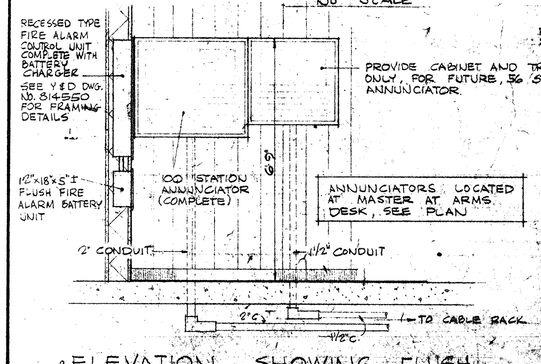
• TYPICAL TELEPHONE RISER DIAGRAM •

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

(PROVIDE CONDUITS ONLY, WITH PULL WIRE)

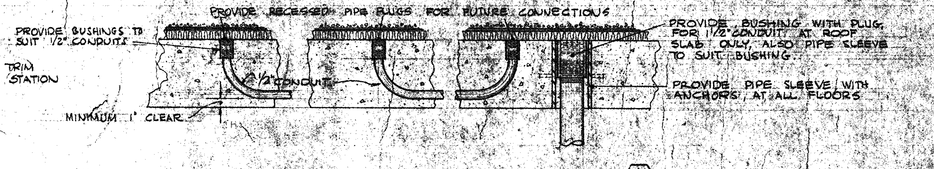
• SCHEMATIC DIAGRAM OF TELEPHONE DISTRIBUTION CENTER •

NO SCALE



• ELEVATION SHOWING FLUSH TYPE RETURN CALL ANNUNCIATORS •

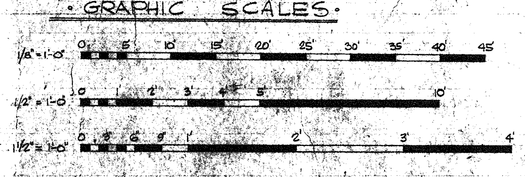
SCALE 1/2" = 1'-0"



• TELEPHONE CONDUIT DETAIL (1/E-6) •

SCALE 1/2" = 1'-0"

• GRAPHIC SCALES •



ABBREVIATIONS

C. = CONDUIT

RHW = MOISTURE AND HEAT RESISTANT RUBBER

(E-4) REFERS TO Y. & D. DWG. NO. 814571

(E-6) REFERS TO Y. & D. DWG. NO. 814573

172
CHI

RECORD DRAWING
DATE 19 NOV 64
P.W.C. DWG. NO. 13515-1142

SYMBOL	DESCRIPTION	DATE	APPROVAL
	NO CHANGES MADE	11-21-64	FIFE

REVISIONS

DPWO DRAWING NO. NBN-80 E-6	DEPARTMENT OF THE NAVY BUREAU OF YARDS & DOCKS DISTRICT PUBLIC WORKS OFFICE 1ST ND BOSTON MASS. CULL, ROBINSON AND GREEN PROVIDENCE, RHODE ISLAND
A & E	U.S. NAVAL BASE, NEWPORT, R.I.
DRAWN BY G.E.M.	
CHECKED BY JNK	BACHELOR OFFICERS' QUARTERS
APP'D. BY	TYPICAL UPPER FLOOR PLANS AND RISER DIAGRAMS - COMMUNICATIONS
DPWO 1ST ND	
SAN. ENGR.	
SAF'Y. ENGR.	
FIRE PROT. GLEASON	APPROVED DATE
PROJ. ENGR. DREESEN	
DIRECTOR SEDDON	OFFICER IN CHARGE
APPROVED FOR BUREAU OF YARDS & DOCKS	SCALE: AS NOTED / SPEC. 12819/57
DPWO FOR CHIEF OF BUREAU	SHEET 38 OF 38 / NBy 12819
DATE 5/6/57	Y & D DRAWING NO. 814573

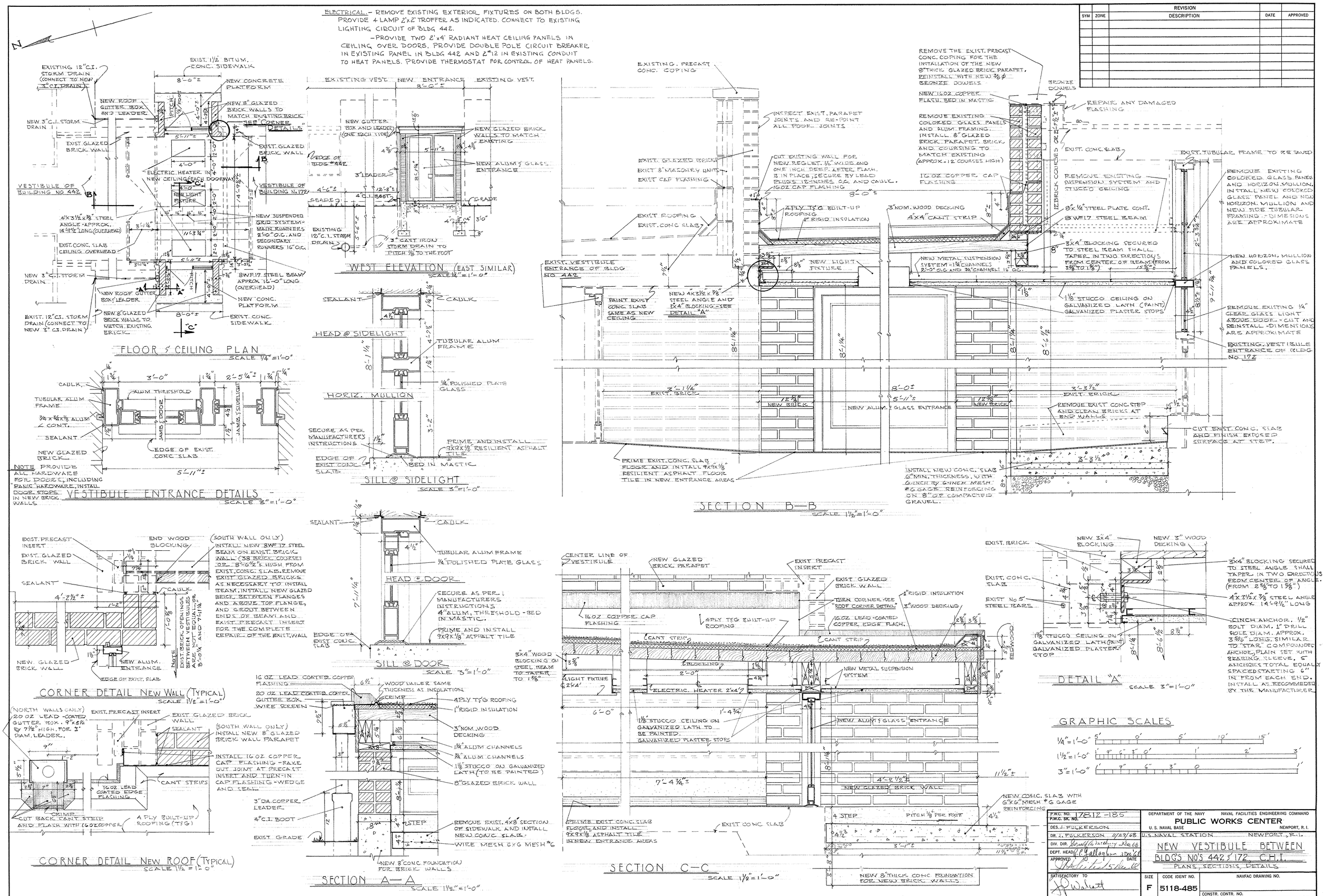
SUBMITTED: [illegible]
DATE: [illegible]

SATISFACTORY TO:
DATE

ELECTRICAL.- REMOVE EXISTING EXTERIOR FIXTURES ON BOTH BLDGS. PROVIDE 4 LAMP 2'x2' TROFFER AS INDICATED. CONNECT TO EXISTING LIGHTING CIRCUIT OF BLDG 442.

-PROVIDE TWO 2'x4' RADIANT HEAT CEILING PANELS IN CEILING OVER DOORS. PROVIDE DOUBLE POLE CIRCUIT BREAKER IN EXISTING PANEL IN BLDG 442 AND 2"12 IN EXISTING CONDUIT TO HEAT PANELS. PROVIDE THERMOSTAT FOR CONTROL OF HEAT PANELS.

SYM	ZONE	REVISION DESCRIPTION	DATE	APPROVED



P.W.C. NO. / P.W.C. SK. NO.	17812-185
DES. J. FULKERSON	
DR. J. FULKERSON	11/29/68
DIV. DIR.	
DEPT. HEAD	
APPROVED / DATE	
SATISFACTORY TO	
DATE	5 DEC 1968

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
PUBLIC WORKS CENTER
U. S. NAVAL BASE — NEWPORT, R. I.
U.S. NAVAL STATION — NEWPORT, R.I.

NEW VESTIBULE BETWEEN BLDG'S NO'S 442 & 172, C.H.T.

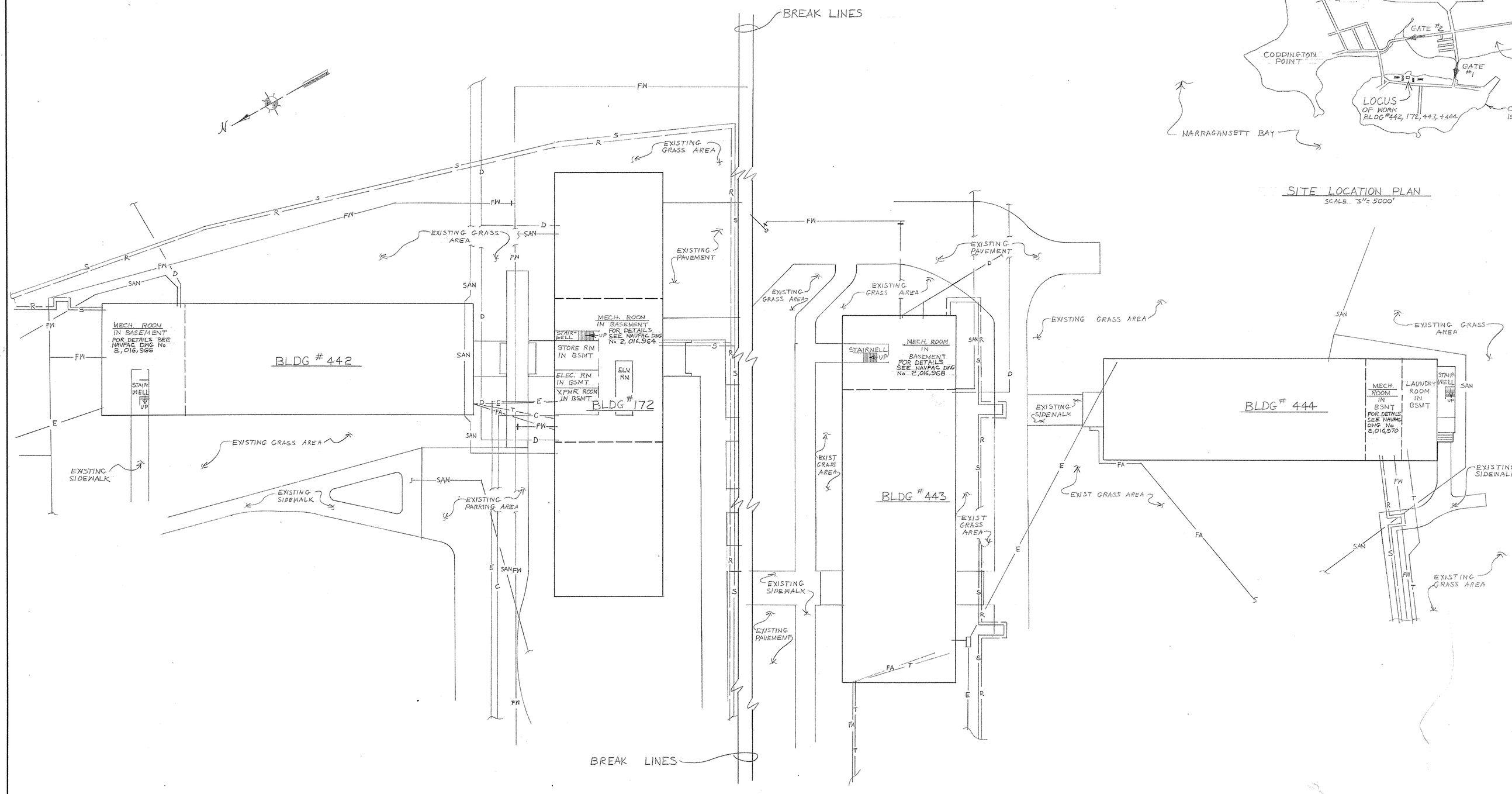
PLANS, SECTIONS, DETAILS

SIZE	CODE IDENT NO.	NAVFAC DRAWING NO.
F	5118-485	
SCALE: AS SHOWN	SPEC.	CONSTR. CONTR. NO. / SHEET 1 OF 1

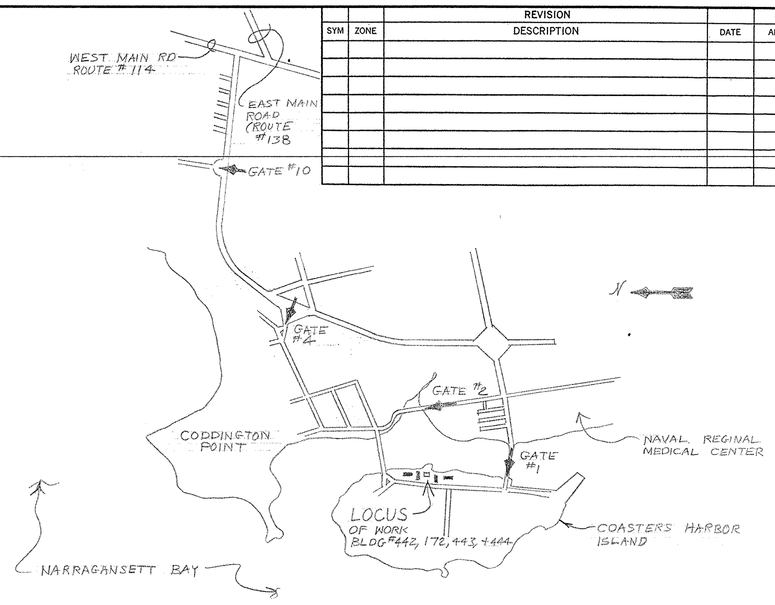
SYM	ZONE	REVISION DESCRIPTION	DATE	APPROVED

LEGEND (SITE PLAN)

- C — COMMUNICATIONS
- D — STORM DRAINAGE
- FA — FIRE ALARM
- FW — FRESH WATER
- R — CONDENSATE RETURN
- SAN — SANITARY SEWER
- S — STEAM
- T — TELEPHONE



PLOT PLAN
SCALE 1" = 20'-0"



SITE LOCATION PLAN
SCALE 3" = 5000'

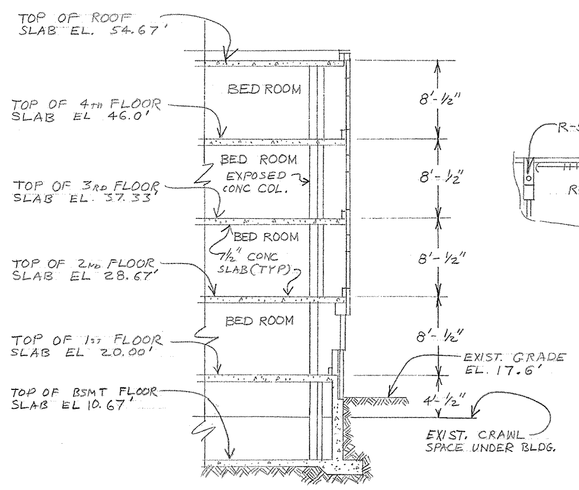
GRAPHIC SCALES

1" = 20'-0" 20 10 0 20 40 60 80

NETC DWG. NO. 19662-203	DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
DES. HS/MD	NAVAL EDUCATION AND TRAINING CENTER NEWPORT, RHODE ISLAND
DR. M.J.D. 19 MAY 75	BUILDING Nos 172, 442, 443, AND 444 COASTERS HARBOR ISLAND
DIV. DIR.	ALTERATION AND REPAIR OF HEATING AND TEMPERATURE CONTROL SYSTEMS
DEPT. HEAD 05 Feb 1975	SITE AND LOCATION PLAN
APPROVED DATE	SIZE F · CODE IDENT NO. 80091 · NAVFAC DRAWING NO. 2,016,962
SATISFACTORY TO	CONSTR. CONTR. NO. N62472-75-C-1794
DATE	SCALE: AS SHOWN · SPEC. 04-75-1794 · SHEET 1 OF 9

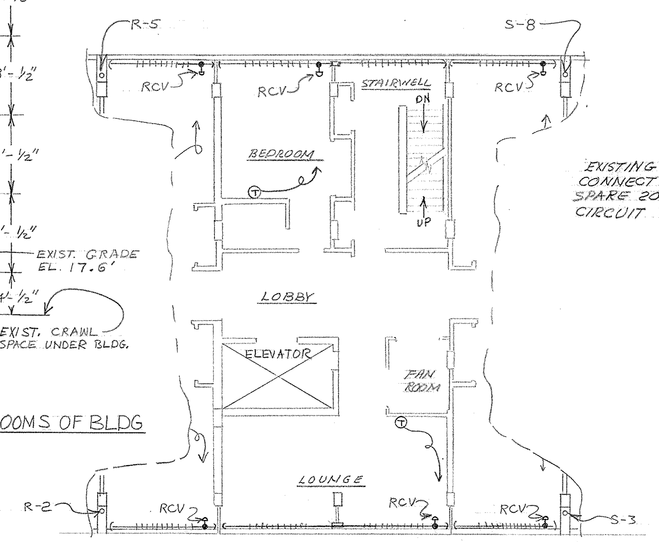
B.L.M. P-408

SYM	ZONE	REVISION DESCRIPTION	DATE	APPROVED

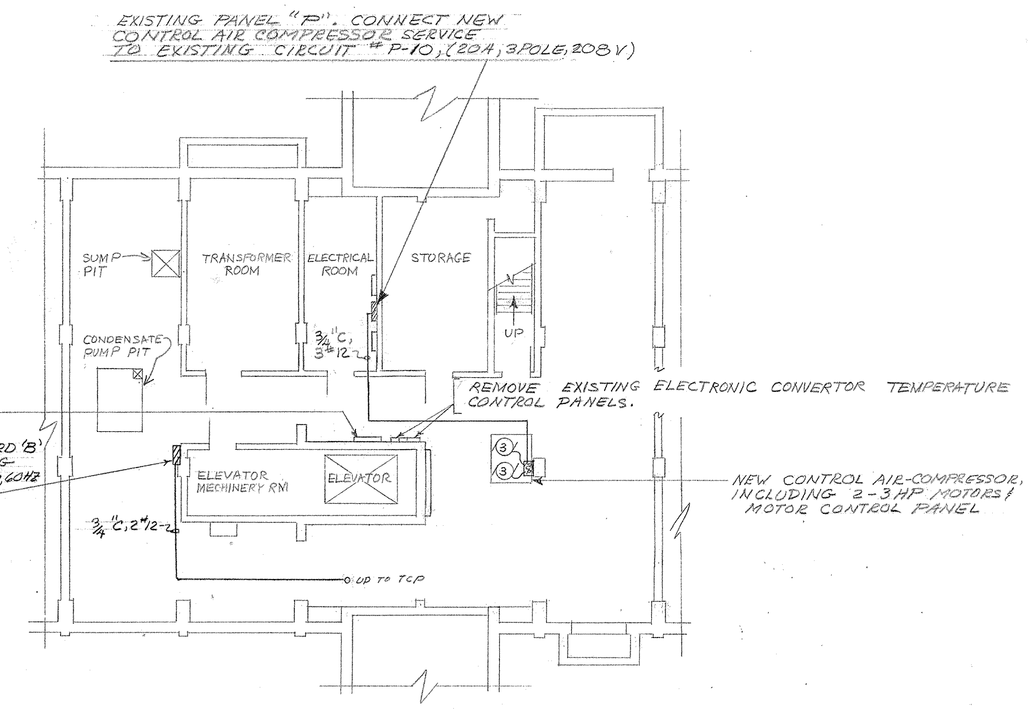


TYPICAL SECTION THRU BEDROOMS OF BLDG

SCALE 1/8"=1'-0"

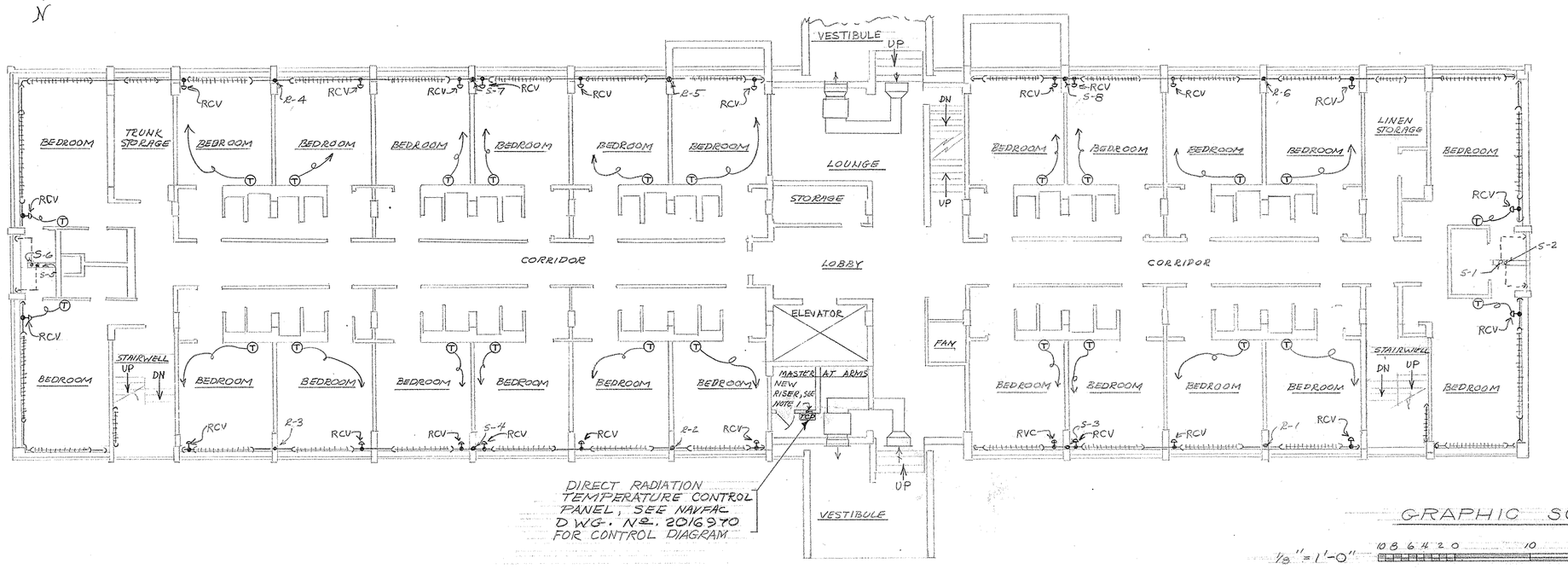


2ND, 3RD & 4TH FLOOR - BLDG No 172
DIFFERENT FROM 1ST. AS SHOWN



MECHANICAL ROOM ELECTRIC PLAN - BLDG No 172

SCALE 1/8"=1'-0"



FIRST FLOOR PLAN - BLDG No 172

SCALE 1/8"=1'-0"

GRAPHIC SCALES

1/8"=1'-0" 10 8 6 4 2 0 10 20 30

NOTES

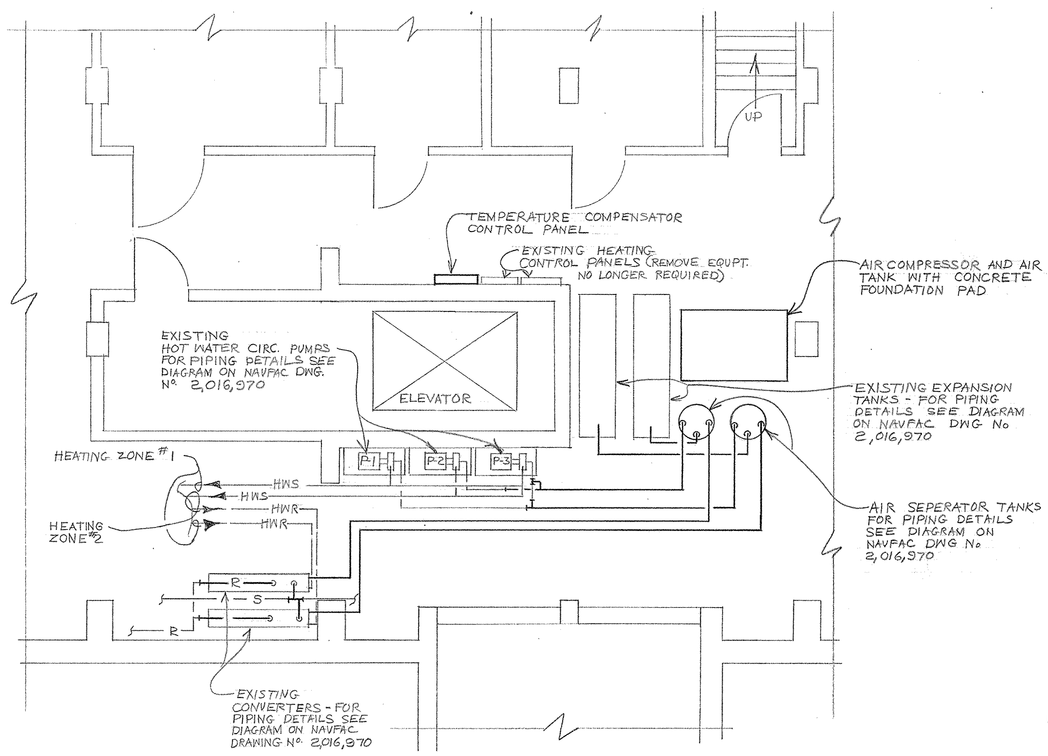
1. PENETRATE FIRST FLOOR DECK FOR NEW ELECTRICAL BRANCH CIRCUIT RISER & TO INSTALL PNEUMATIC CONTROL TUBING.

2. FOR LEGEND, ABBREVIATIONS, ANG GENERAL NOTES SEE NAVFAC DRAWING #2,016,968 SHEET 7 OF 9

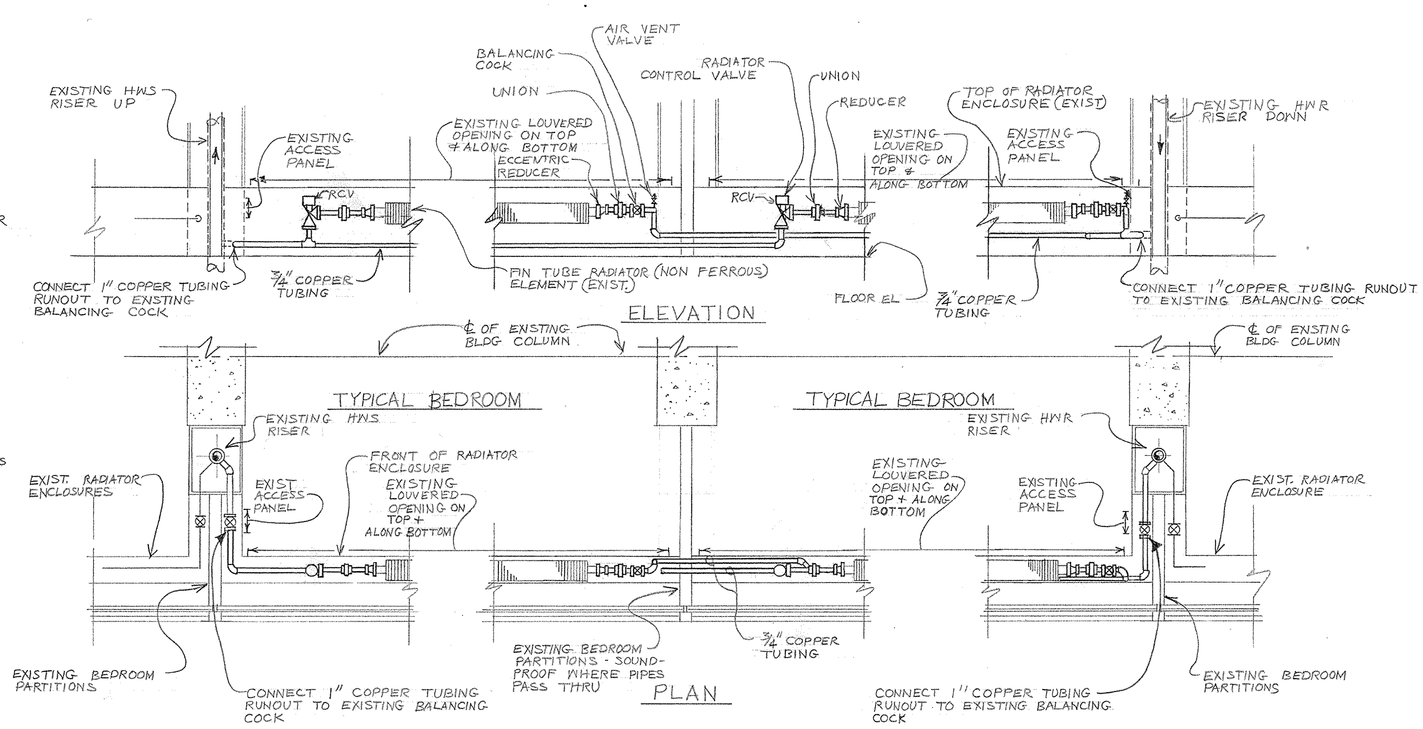
NETC DWG. NO. 19663-203	DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
DES. HS/MD	NAVAL EDUCATION AND TRAINING CENTER NEWPORT, RHODE ISLAND
DR. MJD/HT 19 MAY 75	BUILDING Nos 172, 442, 443, AND 444 COASTERS HARBOR ISLAND
DIV. DIR.	ALTERATIONS AND REPAIR OF HEATING AND TEMPERATURE CONTROL SYSTEMS
DEPT. HEAD	BLDG. No 172 FLOOR PLANS - MECHANICAL & ELECTRICAL
APPROVED DATE	
SATISFACTORY TO	SIZE F; CODE IDENT NO. 80091; NAVFAC DRAWING NO. 2,016,963
DATE	CONSTR. CONTR. NO. N62472-75-C-1794
	SCALE: AS SHOWN; SPEC. 04-75-1794; SHEET 2 OF 9

B.L.M. P-408

SYM	ZONE	REVISION DESCRIPTION	DATE	APPROVED



MECHANICAL ROOM PIPING PLAN - BLDG No 172
SCALE 1/4"=1'-0"



TYPICAL DETAIL OF RADIATOR, PIPING, AND ENCLOSURE - BUILDING No. 172
SCALE 1"=1'-0" (SEE GENERAL NOTE No 2)

NOTE: FOR ELECTRICAL WIRING SEE NAVFAC DRAWING No. 2,016,963

NOTE

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES SEE NAVFAC DRAWING # 2,016,968 SHEET 7 OF 9

GRAPHIC SCALES

1"=1'-0" 1 0 1 2 3 4 5

1/4"=1'-0" 5 4 3 2 1 0 5 10 15

NETC DWG. NO. 19664-203	DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
DES. HS/MD	NAVAL EDUCATION AND TRAINING CENTER NEWPORT, RHODE ISLAND
DR. MJD 19 MAY 75	BUILDING No'S 172, 442, 443, AND 444 COASTERS HARBOR ISLAND
DIV. DIR. [signature]	ALTERATION AND REPAIR OF HEATING AND TEMPERATURE CONTROL SYSTEM BUILDING 172 MECHANICAL DETAILS
DEPT. HEAD [signature] 05/22/76	
APPROVED DATE	
SATISFACTORY TO	SIZE F — CODE IDENT NO. 80091 — NAVFAC DRAWING NO. 2,016,964
	CONSTR. CONTR. NO. N62472-75-C-1794
DATE	SCALE: AS SHOWN — SPEC. 04-75-1794 — SHEET 3 OF 9

B.L.M. P-408